

# CFSRE Neutral Loss and Common Fragments List

## Table of Contents

Common Fragments and Neutral Loss Table .....	2-131
Common Fragments of Fentanyl Analogs .....	132-138
Common Fragments of Nitazene Analogs .....	139-140
Common Fragments of SCRA Compounds.....	141-157

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
123.04	192.19	315.2319	11.1	(6aR,9R)-delta-10-THC	Cannabinoid	Phytocannabinoid		C21H30O2
135.12	180.11	315.2319	11.1	(6aR,9R)-delta-10-THC	Cannabinoid	Phytocannabinoid		C21H30O2
193.12	122.11	315.2319	11.1	(6aR,9R)-delta-10-THC	Cannabinoid	Phytocannabinoid		C21H30O2
259.17	56.06	315.2319	11.1	(6aR,9R)-delta-10-THC	Cannabinoid	Phytocannabinoid		C21H30O2
315.23	0.00	315.2319	11.1	(6aR,9R)-delta-10-THC	Cannabinoid	Phytocannabinoid		C21H30O2
91.05	141.12	232.16959	4.76	?alpha-PipBP	Stimulant	Cathinone		C15H21NO
105.03	127.14	232.16959	4.76	?alpha-PipBP	Stimulant	Cathinone		C15H21NO
126.13	106.04	232.16959	4.76	?alpha-PipBP	Stimulant	Cathinone		C15H21NO
147.08	85.09	232.16959	4.76	?alpha-PipBP	Stimulant	Cathinone		C15H21NO
232.17	0.00	232.16959	4.76	?alpha-PipBP	Stimulant	Cathinone		C15H21NO
77.04	114.11	191.1542752	3.04	1-(4-methylbenzyl) piperazine	Stimulant	Piperazine		C12H18N2
79.06	112.09	191.1542752	3.04	1-(4-methylbenzyl) piperazine	Stimulant	Piperazine		C12H18N2
103.05	88.10	191.1542752	3.04	1-(4-methylbenzyl) piperazine	Stimulant	Piperazine		C12H18N2
105.07	86.08	191.1542752	3.04	1-(4-methylbenzyl) piperazine	Stimulant	Piperazine		C12H18N2
191.15	0.00	191.1542752	3.04	1-(4-methylbenzyl) piperazine	Stimulant	Piperazine		C12H18N2
115.05	58.06	173.10732	4.24	1,2,3,4-THBC	Hallucinogen	Tryptamine		C11H12N2
127.05	46.06	173.10732	4.24	1,2,3,4-THBC	Hallucinogen	Tryptamine		C11H12N2
128.05	45.06	173.10732	4.24	1,2,3,4-THBC	Hallucinogen	Tryptamine		C11H12N2
143.07	30.04	173.10732	4.24	1,2,3,4-THBC	Hallucinogen	Tryptamine		C11H12N2
144.08	29.03	173.10732	4.24	1,2,3,4-THBC	Hallucinogen	Tryptamine		C11H12N2
173.11	0.00	173.10732	4.24	1,2,3,4-THBC	Hallucinogen	Tryptamine		C11H12N2
179.07	76.04	255.1128044	5.62	10-Hydroxycarbazepine	Other Pharma	Anticonvulsant		C15H14N2O2
192.08	63.03	255.1128044	5.62	10-Hydroxycarbazepine	Other Pharma	Anticonvulsant		C15H14N2O2
193.09	62.02	255.1128044	5.62	10-Hydroxycarbazepine	Other Pharma	Anticonvulsant		C15H14N2O2
194.1	61.01	255.1128044	5.62	10-Hydroxycarbazepine	Other Pharma	Anticonvulsant		C15H14N2O2
237.1	18.01	255.1128044	5.62	10-Hydroxycarbazepine	Other Pharma	Anticonvulsant		C15H14N2O2
255.11	0.00	255.1128044	5.62	10-Hydroxycarbazepine	Other Pharma	Anticonvulsant		C15H14N2O2
223.12	171.13	394.2489	7.03	1B-LSD	Hallucinogen	Lysergamide		C24H31N3O2
267.15	127.10	394.2489	7.03	1B-LSD	Hallucinogen	Lysergamide		C24H31N3O2
293.17	101.08	394.2489	7.03	1B-LSD	Hallucinogen	Lysergamide		C24H31N3O2
351.21	43.04	394.2489	7.03	1B-LSD	Hallucinogen	Lysergamide		C24H31N3O2
394.25	0.00	394.2489	7.03	1B-LSD	Hallucinogen	Lysergamide		C24H31N3O2
223.12	169.11	392.23325	6.75	1cP-LSD	Hallucinogen	Lysergamide		C24H29N3O2
265.13	127.10	392.23325	6.75	1cP-LSD	Hallucinogen	Lysergamide		C24H29N3O2
291.15	101.08	392.23325	6.75	1cP-LSD	Hallucinogen	Lysergamide		C24H29N3O2
349.19	43.04	392.23325	6.75	1cP-LSD	Hallucinogen	Lysergamide		C24H29N3O2
392.23	0.00	392.23325	6.75	1cP-LSD	Hallucinogen	Lysergamide		C24H29N3O2
168.07	174.01	342.0803947	6.61	1-Hydroxymidazolam	Benzodiazepine		Metabolite	C18H13ClFN3O
203.04	139.04	342.0803947	6.61	1-Hydroxymidazolam	Benzodiazepine		Metabolite	C18H13ClFN3O
297.06	45.02	342.0803947	6.61	1-Hydroxymidazolam	Benzodiazepine		Metabolite	C18H13ClFN3O
324.07	18.01	342.0803947	6.61	1-Hydroxymidazolam	Benzodiazepine		Metabolite	C18H13ClFN3O
342.08	0.00	342.0803947	6.61	1-Hydroxymidazolam	Benzodiazepine		Metabolite	C18H13ClFN3O
223.12	157.11	380.2333	6.49	1P-LSD	Hallucinogen	Lysergamide		C23H29N3O2
253.13	127.10	380.2333	6.49	1P-LSD	Hallucinogen	Lysergamide		C23H29N3O2
279.15	101.08	380.2333	6.49	1P-LSD	Hallucinogen	Lysergamide		C23H29N3O2
337.19	43.04	380.2333	6.49	1P-LSD	Hallucinogen	Lysergamide		C23H29N3O2

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
380.23	0.00	380.2333	6.49	1P-LSD	Hallucinogen	Lysergamide		C23H29N3O2
166.06	60.08	226.14377	4.44	2,3,4-Trimethoxyamphetamine	Stimulant	Amphetamine		C12H19NO3
178.1	48.04	226.14377	4.44	2,3,4-Trimethoxyamphetamine	Stimulant	Amphetamine		C12H19NO3
181.09	45.05	226.14377	4.44	2,3,4-Trimethoxyamphetamine	Stimulant	Amphetamine		C12H19NO3
194.09	32.05	226.14377	4.44	2,3,4-Trimethoxyamphetamine	Stimulant	Amphetamine		C12H19NO3
209.12	17.02	226.14377	4.44	2,3,4-Trimethoxyamphetamine	Stimulant	Amphetamine		C12H19NO3
226.14	0.00	226.14377	4.44	2,3,4-Trimethoxyamphetamine	Stimulant	Amphetamine		C12H19NO3
151.07	75.07	226.14377	4.71	2,3,5-Trimethoxyamphetamine	Stimulant	Amphetamine		C12H19NO3
166.06	60.08	226.14377	4.71	2,3,5-Trimethoxyamphetamine	Stimulant	Amphetamine		C12H19NO3
179.07	47.07	226.14377	4.71	2,3,5-Trimethoxyamphetamine	Stimulant	Amphetamine		C12H19NO3
194.09	32.05	226.14377	4.71	2,3,5-Trimethoxyamphetamine	Stimulant	Amphetamine		C12H19NO3
209.12	17.02	226.14377	4.71	2,3,5-Trimethoxyamphetamine	Stimulant	Amphetamine		C12H19NO3
226.14	0.00	226.14377	4.71	2,3,5-Trimethoxyamphetamine	Stimulant	Amphetamine		C12H19NO3
166.06	60.08	226.14377	4.92	2,3,6-Trimethoxyamphetamine	Stimulant	Amphetamine		C12H19NO3
179.07	47.07	226.14377	4.92	2,3,6-Trimethoxyamphetamine	Stimulant	Amphetamine		C12H19NO3
181.09	45.05	226.14377	4.92	2,3,6-Trimethoxyamphetamine	Stimulant	Amphetamine		C12H19NO3
194.09	32.05	226.14377	4.92	2,3,6-Trimethoxyamphetamine	Stimulant	Amphetamine		C12H19NO3
209.12	17.02	226.14377	4.92	2,3,6-Trimethoxyamphetamine	Stimulant	Amphetamine		C12H19NO3
226.14	0.00	226.14377	4.92	2,3,6-Trimethoxyamphetamine	Stimulant	Amphetamine		C12H19NO3
151.08	75.06	226.14377	4.24	2,4,5-Trimethoxyamphetamine	Stimulant	Amphetamine		C12H19NO3
179.07	47.07	226.14377	4.24	2,4,5-Trimethoxyamphetamine	Stimulant	Amphetamine		C12H19NO3
181.09	45.05	226.14377	4.24	2,4,5-Trimethoxyamphetamine	Stimulant	Amphetamine		C12H19NO3
194.09	32.05	226.14377	4.24	2,4,5-Trimethoxyamphetamine	Stimulant	Amphetamine		C12H19NO3
209.12	17.02	226.14377	4.24	2,4,5-Trimethoxyamphetamine	Stimulant	Amphetamine		C12H19NO3
226.14	0.00	226.14377	4.24	2,4,5-Trimethoxyamphetamine	Stimulant	Amphetamine		C12H19NO3
121.06	105.08	226.14377	5.25	2,4,6-Trimethoxyamphetamine	Stimulant	Amphetamine		C12H19NO3
136.05	90.09	226.14377	5.25	2,4,6-Trimethoxyamphetamine	Stimulant	Amphetamine		C12H19NO3
151.08	75.06	226.14377	5.25	2,4,6-Trimethoxyamphetamine	Stimulant	Amphetamine		C12H19NO3
181.09	45.05	226.14377	5.25	2,4,6-Trimethoxyamphetamine	Stimulant	Amphetamine		C12H19NO3
209.12	17.02	226.14377	5.25	2,4,6-Trimethoxyamphetamine	Stimulant	Amphetamine		C12H19NO3
226.14	0.00	226.14377	5.25	2,4,6-Trimethoxyamphetamine	Stimulant	Amphetamine		C12H19NO3
155.03	75.06	230.0942332	5.46	2,5-Dimethoxy-4-Chloroamphetamine (DOC)	Stimulant	Amphetamine		C11H16ClNO2
183.02	47.07	230.0942332	5.46	2,5-Dimethoxy-4-Chloroamphetamine (DOC)	Stimulant	Amphetamine		C11H16ClNO2
185.04	45.05	230.0942332	5.46	2,5-Dimethoxy-4-Chloroamphetamine (DOC)	Stimulant	Amphetamine		C11H16ClNO2
198.04	32.05	230.0942332	5.46	2,5-Dimethoxy-4-Chloroamphetamine (DOC)	Stimulant	Amphetamine		C11H16ClNO2
213.07	17.02	230.0942332	5.46	2,5-Dimethoxy-4-Chloroamphetamine (DOC)	Stimulant	Amphetamine		C11H16ClNO2
230.09	0.00	230.0942332	5.46	2,5-Dimethoxy-4-Chloroamphetamine (DOC)	Stimulant	Amphetamine		C11H16ClNO2
150.07	247.18	397.24857	6.03	2',5'-Dimethoxyfentanyl	Opioid	Fentanyl	Parent	C24H32N2O3
165.09	232.16	397.24857	6.03	2',5'-Dimethoxyfentanyl	Opioid	Fentanyl	Parent	C24H32N2O3
206.12	191.13	397.24857	6.03	2',5'-Dimethoxyfentanyl	Opioid	Fentanyl	Parent	C24H32N2O3
248.16	149.09	397.24857	6.03	2',5'-Dimethoxyfentanyl	Opioid	Fentanyl	Parent	C24H32N2O3
397.25	0.00	397.24857	6.03	2',5'-Dimethoxyfentanyl	Opioid	Fentanyl	Parent	C24H32N2O3
109.04	259.03	368.06559	6.95	25B-NBF	Stimulant	Phenethylamine		C17H19BrFNO2
164.08	203.99	368.06559	6.95	25B-NBF	Stimulant	Phenethylamine		C17H19BrFNO2
227.98	140.09	368.06559	6.95	25B-NBF	Stimulant	Phenethylamine		C17H19BrFNO2
243	125.07	368.06559	6.95	25B-NBF	Stimulant	Phenethylamine		C17H19BrFNO2

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
368.06	0.01	368.06559	6.95	25B-NBF	Stimulant	Phenethylamine		C17H19BrFNO2
368.07	0.00	368.06559	6.95	25B-NBF	Stimulant	Phenethylamine		C17H19BrFNO2
107.05	259.02	366.06993	6.67	25B-NBOH	Stimulant	Phenethylamine		C17H20BrNO3
227.98	138.09	366.06993	6.67	25B-NBOH	Stimulant	Phenethylamine		C17H20BrNO3
243	123.07	366.06993	6.67	25B-NBOH	Stimulant	Phenethylamine		C17H20BrNO3
260.03	106.04	366.06993	6.67	25B-NBOH	Stimulant	Phenethylamine		C17H20BrNO3
366.07	0.00	366.06993	6.67	25B-NBOH	Stimulant	Phenethylamine		C17H20BrNO3
91.06	289.03	380.0855814	7.14	25B-NBOMe	Stimulant	Phenethylamine		C18H22BrNO3
93.07	287.02	380.0855814	7.14	25B-NBOMe	Stimulant	Phenethylamine		C18H22BrNO3
121.07	259.02	380.0855814	7.14	25B-NBOMe	Stimulant	Phenethylamine		C18H22BrNO3
243	137.09	380.0855814	7.14	25B-NBOMe	Stimulant	Phenethylamine		C18H22BrNO3
380.09	0.00	380.0855814	7.14	25B-NBOMe	Stimulant	Phenethylamine		C18H22BrNO3
109.04	215.08	324.11611	6.79	25C-NBF	Stimulant	Phenethylamine		C17H19ClFNO2
164.08	160.04	324.11611	6.79	25C-NBF	Stimulant	Phenethylamine		C17H19ClFNO2
169	155.12	324.11611	6.79	25C-NBF	Stimulant	Phenethylamine		C17H19ClFNO2
184.03	140.09	324.11611	6.79	25C-NBF	Stimulant	Phenethylamine		C17H19ClFNO2
199.05	125.07	324.11611	6.79	25C-NBF	Stimulant	Phenethylamine		C17H19ClFNO2
324.12	0.00	324.11611	6.79	25C-NBF	Stimulant	Phenethylamine		C17H19ClFNO2
107.05	215.07	322.12045	6.57	25C-NBOH	Stimulant	Phenethylamine		C17H20ClNO3
184.03	138.09	322.12045	6.57	25C-NBOH	Stimulant	Phenethylamine		C17H20ClNO3
199.05	123.07	322.12045	6.57	25C-NBOH	Stimulant	Phenethylamine		C17H20ClNO3
216.08	106.04	322.12045	6.57	25C-NBOH	Stimulant	Phenethylamine		C17H20ClNO3
322.12	0.00	322.12045	6.57	25C-NBOH	Stimulant	Phenethylamine		C17H20ClNO3
91.06	245.08	336.136098	7	25C-NBOMe	Stimulant	Phenethylamine		C18H22ClNO3
93.07	243.07	336.136098	7	25C-NBOMe	Stimulant	Phenethylamine		C18H22ClNO3
121.06	215.08	336.136098	7	25C-NBOMe	Stimulant	Phenethylamine		C18H22ClNO3
155.07	181.07	336.136098	7	25C-NBOMe	Stimulant	Phenethylamine		C18H22ClNO3
336.14	0.00	336.136098	7	25C-NBOMe	Stimulant	Phenethylamine		C18H22ClNO3
91.06	225.13	316.1907204	7.04	25D-NBOMe	Stimulant	Phenethylamine		C19H25NO3
121.06	195.13	316.1907204	7.04	25D-NBOMe	Stimulant	Phenethylamine		C19H25NO3
164.08	152.11	316.1907204	7.04	25D-NBOMe	Stimulant	Phenethylamine		C19H25NO3
179.11	137.08	316.1907204	7.04	25D-NBOMe	Stimulant	Phenethylamine		C19H25NO3
316.19	0.00	316.1907204	7.04	25D-NBOMe	Stimulant	Phenethylamine		C19H25NO3
107.05	209.14	316.19072	7.3	25E-NBOH	Stimulant	Phenethylamine		C19H25NO3
178.1	138.09	316.19072	7.3	25E-NBOH	Stimulant	Phenethylamine		C19H25NO3
193.12	123.07	316.19072	7.3	25E-NBOH	Stimulant	Phenethylamine		C19H25NO3
210.15	106.04	316.19072	7.3	25E-NBOH	Stimulant	Phenethylamine		C19H25NO3
316.19	0.00	316.19072	7.3	25E-NBOH	Stimulant	Phenethylamine		C19H25NO3
91.06	239.15	330.2063705	7.58	25E-NBOMe	Stimulant	Phenethylamine		C20H27NO3
93.07	237.14	330.2063705	7.58	25E-NBOMe	Stimulant	Phenethylamine		C20H27NO3
121.06	209.15	330.2063705	7.58	25E-NBOMe	Stimulant	Phenethylamine		C20H27NO3
193.12	137.09	330.2063705	7.58	25E-NBOMe	Stimulant	Phenethylamine		C20H27NO3
330.21	0.00	330.2063705	7.58	25E-NBOMe	Stimulant	Phenethylamine		C20H27NO3
91.06	211.12	302.1750703	6.45	25H-NBOMe	Stimulant	Phenethylamine		C18H23NO3
93.07	209.11	302.1750703	6.45	25H-NBOMe	Stimulant	Phenethylamine		C18H23NO3
121.07	181.11	302.1750703	6.45	25H-NBOMe	Stimulant	Phenethylamine		C18H23NO3

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
285.15	17.03	302.1750703	6.45	25H-NBOMe	Stimulant	Phenethylamine		C18H23NO3
302.18	0.00	302.1750703	6.45	25H-NBOMe	Stimulant	Phenethylamine		C18H23NO3
109.04	307.01	416.05174	7.21	25I-NBF	Stimulant	Phenethylamine		C17H19FINO2
164.08	251.97	416.05174	7.21	25I-NBF	Stimulant	Phenethylamine		C17H19FINO2
260.12	155.93	416.05174	7.21	25I-NBF	Stimulant	Phenethylamine		C17H19FINO2
275.96	140.09	416.05174	7.21	25I-NBF	Stimulant	Phenethylamine		C17H19FINO2
290.98	125.07	416.05174	7.21	25I-NBF	Stimulant	Phenethylamine		C17H19FINO2
416.05	0.00	416.05174	7.21	25I-NBF	Stimulant	Phenethylamine		C17H19FINO2
107.05	307.01	414.05607	7.01	25I-NBOH	Stimulant	Phenethylamine		C17H20INO3
275.96	138.10	414.05607	7.01	25I-NBOH	Stimulant	Phenethylamine		C17H20INO3
290.99	123.07	414.05607	7.01	25I-NBOH	Stimulant	Phenethylamine		C17H20INO3
308.01	106.05	414.05607	7.01	25I-NBOH	Stimulant	Phenethylamine		C17H20INO3
414.06	0.00	414.05607	7.01	25I-NBOH	Stimulant	Phenethylamine		C17H20INO3
91.06	337.01	428.0717223	7.39	25I-NBOMe	Stimulant	Phenethylamine		C18H22INO3
93.07	335.00	428.0717223	7.39	25I-NBOMe	Stimulant	Phenethylamine		C18H22INO3
121.06	307.01	428.0717223	7.39	25I-NBOMe	Stimulant	Phenethylamine		C18H22INO3
272.14	155.93	428.0717223	7.39	25I-NBOMe	Stimulant	Phenethylamine		C18H22INO3
428.07	0.00	428.0717223	7.39	25I-NBOMe	Stimulant	Phenethylamine		C18H22INO3
91.06	256.10	347.1601486	6.45	25N-NBOMe	Stimulant	Phenethylamine		C18H22N2O5
93.07	254.09	347.1601486	6.45	25N-NBOMe	Stimulant	Phenethylamine		C18H22N2O5
121.06	226.10	347.1601486	6.45	25N-NBOMe	Stimulant	Phenethylamine		C18H22N2O5
301.17	45.99	347.1601486	6.45	25N-NBOMe	Stimulant	Phenethylamine		C18H22N2O5
347.16	0.00	347.1601486	6.45	25N-NBOMe	Stimulant	Phenethylamine		C18H22N2O5
91.06	257.10	348.1627922	6.91	25T2-NBOMe	Stimulant	Phenethylamine		C19H25NO3S
121.06	227.10	348.1627922	6.91	25T2-NBOMe	Stimulant	Phenethylamine		C19H25NO3S
211.08	137.08	348.1627922	6.91	25T2-NBOMe	Stimulant	Phenethylamine		C19H25NO3S
331.14	17.02	348.1627922	6.91	25T2-NBOMe	Stimulant	Phenethylamine		C19H25NO3S
348.16	0.00	348.1627922	6.91	25T2-NBOMe	Stimulant	Phenethylamine		C19H25NO3S
91.06	285.13	376.1940924	7.73	25T4-NBOMe	Stimulant	Phenethylamine		C21H29NO3S
121.06	255.13	376.1940924	7.73	25T4-NBOMe	Stimulant	Phenethylamine		C21H29NO3S
197.06	179.13	376.1940924	7.73	25T4-NBOMe	Stimulant	Phenethylamine		C21H29NO3S
239.11	137.08	376.1940924	7.73	25T4-NBOMe	Stimulant	Phenethylamine		C21H29NO3S
376.19	0.00	376.1940924	7.73	25T4-NBOMe	Stimulant	Phenethylamine		C21H29NO3S
91.06	285.13	376.1940924	7.85	25T7-NBOMe	Stimulant	Phenethylamine		C21H29NO3S
121.06	255.13	376.1940924	7.85	25T7-NBOMe	Stimulant	Phenethylamine		C21H29NO3S
239.11	137.08	376.1940924	7.85	25T7-NBOMe	Stimulant	Phenethylamine		C21H29NO3S
359.17	17.02	376.1940924	7.85	25T7-NBOMe	Stimulant	Phenethylamine		C21H29NO3S
376.19	0.00	376.1940924	7.85	25T7-NBOMe	Stimulant	Phenethylamine		C21H29NO3S
58.03	224.02	282.0488	7.56	2Br-Deschloroketamine	Stimulant	Arylcyclohexylamine		C13H16BrNO
145.1	136.95	282.0488	7.56	2Br-Deschloroketamine	Stimulant	Arylcyclohexylamine		C13H16BrNO
168.97	113.08	282.0488	7.56	2Br-Deschloroketamine	Stimulant	Arylcyclohexylamine		C13H16BrNO
223.01	59.04	282.0488	7.56	2Br-Deschloroketamine	Stimulant	Arylcyclohexylamine		C13H16BrNO
282.05	0.00	282.0488	7.56	2Br-Deschloroketamine	Stimulant	Arylcyclohexylamine		C13H16BrNO
121.07	138.96	260.02807	4.51	2Br-DMPEA	Stimulant	Phenethylamine		C10H14BrNO2
149.06	110.97	260.02807	4.51	2Br-DMPEA	Stimulant	Phenethylamine		C10H14BrNO2
164.08	95.95	260.02807	4.51	2Br-DMPEA	Stimulant	Phenethylamine		C10H14BrNO2

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
227.98	32.05	260.02807	4.51	2Br-DMPEA	Stimulant	Phenethylamine		C10H14BrNO2
243	17.03	260.02807	4.51	2Br-DMPEA	Stimulant	Phenethylamine		C10H14BrNO2
260.03	0.00	260.02807	4.51	2Br-DMPEA	Stimulant	Phenethylamine		C10H14BrNO2
134.07	125.96	260.0280664	5.36	2C-B	Stimulant	Phenethylamine		C10H14BrNO2
164.08	95.95	260.0280664	5.36	2C-B	Stimulant	Phenethylamine		C10H14BrNO2
212.95	47.08	260.0280664	5.36	2C-B	Stimulant	Phenethylamine		C10H14BrNO2
227.98	32.05	260.0280664	5.36	2C-B	Stimulant	Phenethylamine		C10H14BrNO2
243	17.03	260.0280664	5.36	2C-B	Stimulant	Phenethylamine		C10H14BrNO2
260.03	0.00	260.0280664	5.36	2C-B	Stimulant	Phenethylamine		C10H14BrNO2
145.06	138.97	284.0280664	5.5	2C-B-FLY	Stimulant	Phenethylamine		C12H14BrNO2
159.04	124.99	284.0280664	5.5	2C-B-FLY	Stimulant	Phenethylamine		C12H14BrNO2
173.06	110.97	284.0280664	5.5	2C-B-FLY	Stimulant	Phenethylamine		C12H14BrNO2
188.08	95.95	284.0280664	5.5	2C-B-FLY	Stimulant	Phenethylamine		C12H14BrNO2
267	17.03	284.0280664	5.5	2C-B-FLY	Stimulant	Phenethylamine		C12H14BrNO2
284.03	0.00	284.0280664	5.5	2C-B-FLY	Stimulant	Phenethylamine		C12H14BrNO2
77.04	139.04	216.0785831	5.14	2C-C	Stimulant	Phenethylamine		C10H14ClNO2
149.06	67.02	216.0785831	5.14	2C-C	Stimulant	Phenethylamine		C10H14ClNO2
169.01	47.07	216.0785831	5.14	2C-C	Stimulant	Phenethylamine		C10H14ClNO2
184.03	32.05	216.0785831	5.14	2C-C	Stimulant	Phenethylamine		C10H14ClNO2
199.05	17.03	216.0785831	5.14	2C-C	Stimulant	Phenethylamine		C10H14ClNO2
216.08	0.00	216.0785831	5.14	2C-C	Stimulant	Phenethylamine		C10H14ClNO2
91.06	105.07	196.1332055	5.12	2C-D	Stimulant	Phenethylamine		C11H17NO2
117.07	79.06	196.1332055	5.12	2C-D	Stimulant	Phenethylamine		C11H17NO2
149.06	47.07	196.1332055	5.12	2C-D	Stimulant	Phenethylamine		C11H17NO2
164.08	32.05	196.1332055	5.12	2C-D	Stimulant	Phenethylamine		C11H17NO2
179.11	17.02	196.1332055	5.12	2C-D	Stimulant	Phenethylamine		C11H17NO2
196.13	0.00	196.1332055	5.12	2C-D	Stimulant	Phenethylamine		C11H17NO2
72.08	140.00	212.08367	4.01	2-CDMC	Stimulant	Cathinone		C11H14ClNO
103.05	109.03	212.08367	4.01	2-CDMC	Stimulant	Cathinone		C11H14ClNO
139.03	73.05	212.08367	4.01	2-CDMC	Stimulant	Cathinone		C11H14ClNO
167.02	45.06	212.08367	4.01	2-CDMC	Stimulant	Cathinone		C11H14ClNO
212.08	0.00	212.08367	4.01	2-CDMC	Stimulant	Cathinone		C11H14ClNO
105.07	105.08	210.1488555	5.9	2C-E	Stimulant	Phenethylamine		C12H19NO2
135.08	75.07	210.1488555	5.9	2C-E	Stimulant	Phenethylamine		C12H19NO2
163.08	47.07	210.1488555	5.9	2C-E	Stimulant	Phenethylamine		C12H19NO2
178.1	32.05	210.1488555	5.9	2C-E	Stimulant	Phenethylamine		C12H19NO2
193.12	17.03	210.1488555	5.9	2C-E	Stimulant	Phenethylamine		C12H19NO2
210.15	0.00	210.1488555	5.9	2C-E	Stimulant	Phenethylamine		C12H19NO2
135.08	75.07	210.1488555	5.66	2C-G	Stimulant	Phenethylamine		C12H19NO2
148.09	62.06	210.1488555	5.66	2C-G	Stimulant	Phenethylamine		C12H19NO2
163.08	47.07	210.1488555	5.66	2C-G	Stimulant	Phenethylamine		C12H19NO2
178.1	32.05	210.1488555	5.66	2C-G	Stimulant	Phenethylamine		C12H19NO2
193.12	17.03	210.1488555	5.66	2C-G	Stimulant	Phenethylamine		C12H19NO2
210.15	0.00	210.1488555	5.66	2C-G	Stimulant	Phenethylamine		C12H19NO2
103.05	79.07	182.1175554	4.16	2C-H	Stimulant	Phenethylamine		C10H15NO2
105.07	77.05	182.1175554	4.16	2C-H	Stimulant	Phenethylamine		C10H15NO2

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
135.04	47.08	182.1175554	4.16	2C-H	Stimulant	Phenethylamine		C10H15NO2
150.07	32.05	182.1175554	4.16	2C-H	Stimulant	Phenethylamine		C10H15NO2
165.09	17.03	182.1175554	4.16	2C-H	Stimulant	Phenethylamine		C10H15NO2
182.12	0.00	182.1175554	4.16	2C-H	Stimulant	Phenethylamine		C10H15NO2
149.06	158.95	308.0142073	5.73	2C-I	Stimulant	Phenethylamine		C10H14INO2
164.08	143.93	308.0142073	5.73	2C-I	Stimulant	Phenethylamine		C10H14INO2
260.94	47.07	308.0142073	5.73	2C-I	Stimulant	Phenethylamine		C10H14INO2
275.97	32.04	308.0142073	5.73	2C-I	Stimulant	Phenethylamine		C10H14INO2
290.99	17.02	308.0142073	5.73	2C-I	Stimulant	Phenethylamine		C10H14INO2
308.01	0.00	308.0142073	5.73	2C-I	Stimulant	Phenethylamine		C10H14INO2
121.06	106.04	227.1026336	4.37	2C-N	Stimulant	Phenethylamine		C10H14N2O4
151.08	76.02	227.1026336	4.37	2C-N	Stimulant	Phenethylamine		C10H14N2O4
165.05	62.05	227.1026336	4.37	2C-N	Stimulant	Phenethylamine		C10H14N2O4
195.05	32.05	227.1026336	4.37	2C-N	Stimulant	Phenethylamine		C10H14N2O4
210.08	17.02	227.1026336	4.37	2C-N	Stimulant	Phenethylamine		C10H14N2O4
227.1	0.00	227.1026336	4.37	2C-N	Stimulant	Phenethylamine		C10H14N2O4
144.04	217.14	361.1758	7.86	2-COOH-MDMB-PICA	Synthetic Cannabinoid	Other	Metabolite	C19H24N2O5
174.05	187.13	361.1758	7.86	2-COOH-MDMB-PICA	Synthetic Cannabinoid	Other	Metabolite	C19H24N2O5
216.07	145.11	361.1758	7.86	2-COOH-MDMB-PICA	Synthetic Cannabinoid	Other	Metabolite	C19H24N2O5
329.15	32.03	361.1758	7.86	2-COOH-MDMB-PICA	Synthetic Cannabinoid	Other	Metabolite	C19H24N2O5
361.18	0.00	361.1758	7.86	2-COOH-MDMB-PICA	Synthetic Cannabinoid	Other	Metabolite	C19H24N2O5
105.07	119.09	224.1645056	6.57	2C-P	Stimulant	Phenethylamine		C13H21NO2
135.08	89.08	224.1645056	6.57	2C-P	Stimulant	Phenethylamine		C13H21NO2
163.08	61.08	224.1645056	6.57	2C-P	Stimulant	Phenethylamine		C13H21NO2
192.11	32.05	224.1645056	6.57	2C-P	Stimulant	Phenethylamine		C13H21NO2
207.14	17.02	224.1645056	6.57	2C-P	Stimulant	Phenethylamine		C13H21NO2
224.16	0.00	224.1645056	6.57	2C-P	Stimulant	Phenethylamine		C13H21NO2
134.07	108.05	242.1209273	5.71	2C-T-2	Stimulant	Phenethylamine		C12H19NO2S
164.08	78.04	242.1209273	5.71	2C-T-2	Stimulant	Phenethylamine		C12H19NO2S
195.05	47.07	242.1209273	5.71	2C-T-2	Stimulant	Phenethylamine		C12H19NO2S
210.07	32.05	242.1209273	5.71	2C-T-2	Stimulant	Phenethylamine		C12H19NO2S
225.09	17.03	242.1209273	5.71	2C-T-2	Stimulant	Phenethylamine		C12H19NO2S
242.12	0.00	242.1209273	5.71	2C-T-2	Stimulant	Phenethylamine		C12H19NO2S
167.02	89.12	256.1365774	6.4	2C-T-7	Stimulant	Phenethylamine		C13H21NO2S
182.04	74.10	256.1365774	6.4	2C-T-7	Stimulant	Phenethylamine		C13H21NO2S
197.06	59.08	256.1365774	6.4	2C-T-7	Stimulant	Phenethylamine		C13H21NO2S
224.09	32.05	256.1365774	6.4	2C-T-7	Stimulant	Phenethylamine		C13H21NO2S
239.11	17.03	256.1365774	6.4	2C-T-7	Stimulant	Phenethylamine		C13H21NO2S
256.14	0.00	256.1365774	6.4	2C-T-7	Stimulant	Phenethylamine		C13H21NO2S
109.04	113.09	222.12887	4.21	2F-Deschloroketamine	Stimulant	Arylcyclohexylamine		C13H16FNO
147.06	75.07	222.12887	4.21	2F-Deschloroketamine	Stimulant	Arylcyclohexylamine		C13H16FNO
163.09	59.04	222.12887	4.21	2F-Deschloroketamine	Stimulant	Arylcyclohexylamine		C13H16FNO
191.09	31.04	222.12887	4.21	2F-Deschloroketamine	Stimulant	Arylcyclohexylamine		C13H16FNO
222.13	0.00	222.12887	4.21	2F-Deschloroketamine	Stimulant	Arylcyclohexylamine		C13H16FNO
109.04	127.10	236.14452	4.54	2-Fluoro-2-oxo PCE	Stimulant	Arylcyclohexylamine		C14H18FNO
135.06	101.08	236.14452	4.54	2-Fluoro-2-oxo PCE	Stimulant	Arylcyclohexylamine		C14H18FNO

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
147.06	89.08	236.14452	4.54	2-Fluoro-2-oxo PCE	Stimulant	Arylcyclohexylamine		C14H18FNO
163.09	73.05	236.14452	4.54	2-Fluoro-2-oxo PCE	Stimulant	Arylcyclohexylamine		C14H18FNO
191.09	45.05	236.14452	4.54	2-Fluoro-2-oxo PCE	Stimulant	Arylcyclohexylamine		C14H18FNO
236.14	0.00	236.14452	4.54	2-Fluoro-2-oxo PCE	Stimulant	Arylcyclohexylamine		C14H18FNO
123.06	232.16	355.21802	6.34	2'-Fluorofentanyl	Opioid	Fentanyl	Parent	C22H27FN2O
152.09	203.13	355.21802	6.34	2'-Fluorofentanyl	Opioid	Fentanyl	Parent	C22H27FN2O
206.13	149.09	355.21802	6.34	2'-Fluorofentanyl	Opioid	Fentanyl	Parent	C22H27FN2O
216.14	139.08	355.21802	6.34	2'-Fluorofentanyl	Opioid	Fentanyl	Parent	C22H27FN2O
355.22	0.00	355.21802	6.34	2'-Fluorofentanyl	Opioid	Fentanyl	Parent	C22H27FN2O
119.05	328.07	447.11846	9.11	2F-QMPSB	Synthetic Cannabinoid	Other	Parent	C22H20F2N2O4S
135.04	312.08	447.11846	9.11	2F-QMPSB	Synthetic Cannabinoid	Other	Parent	C22H20F2N2O4S
183.01	264.11	447.11846	9.11	2F-QMPSB	Synthetic Cannabinoid	Other	Parent	C22H20F2N2O4S
302.07	145.05	447.11846	9.11	2F-QMPSB	Synthetic Cannabinoid	Other	Parent	C22H20F2N2O4S
447.12	0.00	447.11846	9.11	2F-QMPSB	Synthetic Cannabinoid	Other	Parent	C22H20F2N2O4S
109.04	238.21	347.24932	7.07	2F-Viminol	Opioid	Other	Parent	C21H31FN2O
190.1	157.15	347.24932	7.07	2F-Viminol	Opioid	Other	Parent	C21H31FN2O
202.1	145.15	347.24932	7.07	2F-Viminol	Opioid	Other	Parent	C21H31FN2O
273.18	74.07	347.24932	7.07	2F-Viminol	Opioid	Other	Parent	C21H31FN2O
329.24	18.01	347.24932	7.07	2F-Viminol	Opioid	Other	Parent	C21H31FN2O
347.25	0.00	347.24932	7.07	2F-Viminol	Opioid	Other	Parent	C21H31FN2O
91.05	196.16	287.21179	5.61	2-methyl AP-237	Opioid	Other	Parent	C18H26N2O
115.05	172.16	287.21179	5.61	2-methyl AP-237	Opioid	Other	Parent	C18H26N2O
117.07	170.14	287.21179	5.61	2-methyl AP-237	Opioid	Other	Parent	C18H26N2O
169.13	118.08	287.21179	5.61	2-methyl AP-237	Opioid	Other	Parent	C18H26N2O
287.21	0.00	287.21179	5.61	2-methyl AP-237	Opioid	Other	Parent	C18H26N2O
44.05	143.07	187.12298	4.25	2-Methyl-1,2,3,4-THBC	Hallucinogen	Tryptamine		C12H14N2
115.05	72.07	187.12298	4.25	2-Methyl-1,2,3,4-THBC	Hallucinogen	Tryptamine		C12H14N2
128.05	59.07	187.12298	4.25	2-Methyl-1,2,3,4-THBC	Hallucinogen	Tryptamine		C12H14N2
143.07	44.05	187.12298	4.25	2-Methyl-1,2,3,4-THBC	Hallucinogen	Tryptamine		C12H14N2
144.08	43.04	187.12298	4.25	2-Methyl-1,2,3,4-THBC	Hallucinogen	Tryptamine		C12H14N2
187.12	0.00	187.12298	4.25	2-Methyl-1,2,3,4-THBC	Hallucinogen	Tryptamine		C12H14N2
119.09	59.03	178.12264	4.27	2-Methylmethcathinone (2-MMC)	Stimulant	Cathinone		C11H15NO
130.06	48.06	178.12264	4.27	2-Methylmethcathinone (2-MMC)	Stimulant	Cathinone		C11H15NO
144.08	34.04	178.12264	4.27	2-Methylmethcathinone (2-MMC)	Stimulant	Cathinone		C11H15NO
145.09	33.03	178.12264	4.27	2-Methylmethcathinone (2-MMC)	Stimulant	Cathinone		C11H15NO
160.11	18.01	178.12264	4.27	2-Methylmethcathinone (2-MMC)	Stimulant	Cathinone		C11H15NO
178.12	0.00	178.12264	4.27	2-Methylmethcathinone (2-MMC)	Stimulant	Cathinone		C11H15NO
127.05	184.16	311.21179	6.1	2-Naphthyl U-47700	Opioid	Utopioid		C20H26N2O
129.07	182.14	311.21179	6.1	2-Naphthyl U-47700	Opioid	Utopioid		C20H26N2O
155.05	156.16	311.21179	6.1	2-Naphthyl U-47700	Opioid	Utopioid		C20H26N2O
186.09	125.12	311.21179	6.1	2-Naphthyl U-47700	Opioid	Utopioid		C20H26N2O
266.15	45.06	311.21179	6.1	2-Naphthyl U-47700	Opioid	Utopioid		C20H26N2O
311.21	0.00	311.21179	6.1	2-Naphthyl U-47700	Opioid	Utopioid		C20H26N2O
107.05	119.09	226.14377	4.05	3,4,5-Trimethoxyamphetamine	Stimulant	Amphetamine		C12H19NO3
178.09	48.05	226.14377	4.05	3,4,5-Trimethoxyamphetamine	Stimulant	Amphetamine		C12H19NO3
181.08	45.06	226.14377	4.05	3,4,5-Trimethoxyamphetamine	Stimulant	Amphetamine		C12H19NO3



Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
194.09	32.05	226.14377	4.05	3,4,5-Trimethoxyamphetamine	Stimulant	Amphetamine		C12H19NO3
209.11	17.03	226.14377	4.05	3,4,5-Trimethoxyamphetamine	Stimulant	Amphetamine		C12H19NO3
226.14	0.00	226.14377	4.05	3,4,5-Trimethoxyamphetamine	Stimulant	Amphetamine		C12H19NO3
70.06	244.05	314.1073	7.41	3,4-Dichloro-alpha-PiHP	Stimulant	Cathinone		C16H21Cl2NO
140.14	173.97	314.1073	7.41	3,4-Dichloro-alpha-PiHP	Stimulant	Cathinone		C16H21Cl2NO
158.98	155.13	314.1073	7.41	3,4-Dichloro-alpha-PiHP	Stimulant	Cathinone		C16H21Cl2NO
172.95	141.16	314.1073	7.41	3,4-Dichloro-alpha-PiHP	Stimulant	Cathinone		C16H21Cl2NO
314.11	0.00	314.1073	7.41	3,4-Dichloro-alpha-PiHP	Stimulant	Cathinone		C16H21Cl2NO
141.01	184.20	325.2086	6.11	3,4-Difluoro-Isopropyl-U-47700	Opioid	Utopioid		C18H26F2N2O
158.04	167.17	325.2086	6.11	3,4-Difluoro-Isopropyl-U-47700	Opioid	Utopioid		C18H26F2N2O
200.09	125.12	325.2086	6.11	3,4-Difluoro-Isopropyl-U-47700	Opioid	Utopioid		C18H26F2N2O
238.1	87.11	325.2086	6.11	3,4-Difluoro-Isopropyl-U-47700	Opioid	Utopioid		C18H26F2N2O
280.15	45.06	325.2086	6.11	3,4-Difluoro-Isopropyl-U-47700	Opioid	Utopioid		C18H26F2N2O
325.21	0.00	325.2086	6.11	3,4-Difluoro-Isopropyl-U-47700	Opioid	Utopioid		C18H26F2N2O
81.07	188.08	269.146	5.18	3,4-Difluoro-N,N-Didesmethyl-U-47700	Opioid	Utopioid		C14H18F2N2O
141.01	128.14	269.146	5.18	3,4-Difluoro-N,N-Didesmethyl-U-47700	Opioid	Utopioid		C14H18F2N2O
158.04	111.11	269.146	5.18	3,4-Difluoro-N,N-Didesmethyl-U-47700	Opioid	Utopioid		C14H18F2N2O
238.1	31.05	269.146	5.18	3,4-Difluoro-N,N-Didesmethyl-U-47700	Opioid	Utopioid		C14H18F2N2O
252.12	17.03	269.146	5.18	3,4-Difluoro-N,N-Didesmethyl-U-47700	Opioid	Utopioid		C14H18F2N2O
269.15	0.00	269.146	5.18	3,4-Difluoro-N,N-Didesmethyl-U-47700	Opioid	Utopioid		C14H18F2N2O
81.07	202.09	283.16165	5.18	3,4-Difluoro-N-Desmethyl-U-47700	Opioid	Utopioid		C15H20F2N2O
141.01	142.15	283.16165	5.18	3,4-Difluoro-N-Desmethyl-U-47700	Opioid	Utopioid		C15H20F2N2O
172.06	111.10	283.16165	5.18	3,4-Difluoro-N-Desmethyl-U-47700	Opioid	Utopioid		C15H20F2N2O
252.12	31.04	283.16165	5.18	3,4-Difluoro-N-Desmethyl-U-47700	Opioid	Utopioid		C15H20F2N2O
283.16	0.00	283.16165	5.18	3,4-Difluoro-N-Desmethyl-U-47700	Opioid	Utopioid		C15H20F2N2O
81.07	216.11	297.1773	5.21	3,4-Difluoro-U-47700	Opioid	Utopioid		C16H22F2N2O
141.01	156.17	297.1773	5.21	3,4-Difluoro-U-47700	Opioid	Utopioid		C16H22F2N2O
172.06	125.12	297.1773	5.21	3,4-Difluoro-U-47700	Opioid	Utopioid		C16H22F2N2O
252.12	45.06	297.1773	5.21	3,4-Difluoro-U-47700	Opioid	Utopioid		C16H22F2N2O
297.18	0.00	297.1773	5.21	3,4-Difluoro-U-47700	Opioid	Utopioid		C16H22F2N2O
112.11	199.08	311.19295	5.6	3,4-Difluoro-U-48800	Opioid	Utopioid		C17H24F2N2O
127.03	184.16	311.19295	5.6	3,4-Difluoro-U-48800	Opioid	Utopioid		C17H24F2N2O
186.07	125.12	311.19295	5.6	3,4-Difluoro-U-48800	Opioid	Utopioid		C17H24F2N2O
266.13	45.06	311.19295	5.6	3,4-Difluoro-U-48800	Opioid	Utopioid		C17H24F2N2O
311.19	0.00	311.19295	5.6	3,4-Difluoro-U-48800	Opioid	Utopioid		C17H24F2N2O
81.07	244.14	325.2086	5.55	3,4-Difluoro-U-49900	Opioid	Utopioid		C18H26F2N2O
141.01	184.20	325.2086	5.55	3,4-Difluoro-U-49900	Opioid	Utopioid		C18H26F2N2O
172.06	153.15	325.2086	5.55	3,4-Difluoro-U-49900	Opioid	Utopioid		C18H26F2N2O
252.12	73.09	325.2086	5.55	3,4-Difluoro-U-49900	Opioid	Utopioid		C18H26F2N2O
325.21	0.00	325.2086	5.55	3,4-Difluoro-U-49900	Opioid	Utopioid		C18H26F2N2O
112.11	225.10	337.2086	5.99	3,4-Difluoro-U-50488	Opioid	Utopioid		C19H26F2N2O
127.03	210.18	337.2086	5.99	3,4-Difluoro-U-50488	Opioid	Utopioid		C19H26F2N2O
186.07	151.14	337.2086	5.99	3,4-Difluoro-U-50488	Opioid	Utopioid		C19H26F2N2O
266.13	71.08	337.2086	5.99	3,4-Difluoro-U-50488	Opioid	Utopioid		C19H26F2N2O
337.21	0.00	337.2086	5.99	3,4-Difluoro-U-50488	Opioid	Utopioid		C19H26F2N2O
81.07	230.12	311.19295	5.8	3,4-Difluoro-U-51754	Opioid	Utopioid		C17H24F2N2O

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
112.11	199.08	311.19295	5.8	3,4-Difluoro-U-51754	Opioid	Utopioid		C17H24F2N2O
127.03	184.16	311.19295	5.8	3,4-Difluoro-U-51754	Opioid	Utopioid		C17H24F2N2O
186.07	125.12	311.19295	5.8	3,4-Difluoro-U-51754	Opioid	Utopioid		C17H24F2N2O
266.14	45.05	311.19295	5.8	3,4-Difluoro-U-51754	Opioid	Utopioid		C17H24F2N2O
311.19	0.00	311.19295	5.8	3,4-Difluoro-U-51754	Opioid	Utopioid		C17H24F2N2O
119.09	141.11	260.20128	6.53	3,4-Dimethyl Alpha-PVP	Stimulant	Cathinone		C17H25NO
126.13	134.07	260.20128	6.53	3,4-Dimethyl Alpha-PVP	Stimulant	Cathinone		C17H25NO
133.06	127.14	260.20128	6.53	3,4-Dimethyl Alpha-PVP	Stimulant	Cathinone		C17H25NO
189.13	71.07	260.20128	6.53	3,4-Dimethyl Alpha-PVP	Stimulant	Cathinone		C17H25NO
260.2	0.00	260.20128	6.53	3,4-Dimethyl Alpha-PVP	Stimulant	Cathinone		C17H25NO
133.1	59.04	192.1382908	5.09	3,4-Dimethylmethcathione	Stimulant	Cathinone		C12H17NO
144.08	48.06	192.1382908	5.09	3,4-Dimethylmethcathione	Stimulant	Cathinone		C12H17NO
158.1	34.04	192.1382908	5.09	3,4-Dimethylmethcathione	Stimulant	Cathinone		C12H17NO
159.1	33.04	192.1382908	5.09	3,4-Dimethylmethcathione	Stimulant	Cathinone		C12H17NO
174.13	18.01	192.1382908	5.09	3,4-Dimethylmethcathione	Stimulant	Cathinone		C12H17NO
192.14	0.00	192.1382908	5.09	3,4-Dimethylmethcathione	Stimulant	Cathinone		C12H17NO
86.09	202.11	288.19581	5.9	3,4-Methylenedioxy PCP	Stimulant	Arylcyclohexylamine		C18H25NO2
131.05	157.15	288.19581	5.9	3,4-Methylenedioxy PCP	Stimulant	Arylcyclohexylamine		C18H25NO2
135.04	153.16	288.19581	5.9	3,4-Methylenedioxy PCP	Stimulant	Arylcyclohexylamine		C18H25NO2
173.09	115.11	288.19581	5.9	3,4-Methylenedioxy PCP	Stimulant	Arylcyclohexylamine		C18H25NO2
203.1	85.10	288.19581	5.9	3,4-Methylenedioxy PCP	Stimulant	Arylcyclohexylamine		C18H25NO2
288.2	0.00	288.19581	5.9	3,4-Methylenedioxy PCP	Stimulant	Arylcyclohexylamine		C18H25NO2
189.05	198.17	387.21908	9.46	3,5-ADB-4en-PFUPPYCA	Synthetic Cannabinoid	Other	Parent	C21H27FN4O2
257.11	130.11	387.21908	9.46	3,5-ADB-4en-PFUPPYCA	Synthetic Cannabinoid	Other	Parent	C21H27FN4O2
274.14	113.08	387.21908	9.46	3,5-ADB-4en-PFUPPYCA	Synthetic Cannabinoid	Other	Parent	C21H27FN4O2
342.2	45.02	387.21908	9.46	3,5-ADB-4en-PFUPPYCA	Synthetic Cannabinoid	Other	Parent	C21H27FN4O2
387.22	0.00	387.21908	9.46	3,5-ADB-4en-PFUPPYCA	Synthetic Cannabinoid	Other	Parent	C21H27FN4O2
99.04	56.03	155.07027	5.52	3,5-Dimethoxyphenol	Unknown		Methoxybenzene	C8H10O3
112.05	43.02	155.07027	5.52	3,5-Dimethoxyphenol	Unknown		Methoxybenzene	C8H10O3
123.04	32.03	155.07027	5.52	3,5-Dimethoxyphenol	Unknown		Methoxybenzene	C8H10O3
140.05	15.02	155.07027	5.52	3,5-Dimethoxyphenol	Unknown		Methoxybenzene	C8H10O3
155.07	0.00	155.07027	5.52	3,5-Dimethoxyphenol	Unknown		Methoxybenzene	C8H10O3
43.02	109.05	152.07061	3.3	3-Acetamidophenol	Other Pharma	Non-narcotic analgesic	Acetamide	C8H9NO2
65.04	87.03	152.07061	3.3	3-Acetamidophenol	Other Pharma	Non-narcotic analgesic	Acetamide	C8H9NO2
93.03	59.04	152.07061	3.3	3-Acetamidophenol	Other Pharma	Non-narcotic analgesic	Acetamide	C8H9NO2
110.06	42.01	152.07061	3.3	3-Acetamidophenol	Other Pharma	Non-narcotic analgesic	Acetamide	C8H9NO2
152.07	0.00	152.07061	3.3	3-Acetamidophenol	Other Pharma	Non-narcotic analgesic	Acetamide	C8H9NO2
184.06	199.06	383.11903	10.45	3-CAF	Synthetic Cannabinoid	Other	Parent	C24H15FN2O2
191.06	192.06	383.11903	10.45	3-CAF	Synthetic Cannabinoid	Other	Parent	C24H15FN2O2
211.07	172.05	383.11903	10.45	3-CAF	Synthetic Cannabinoid	Other	Parent	C24H15FN2O2
239.06	144.06	383.11903	10.45	3-CAF	Synthetic Cannabinoid	Other	Parent	C24H15FN2O2
383.12	0.00	383.11903	10.45	3-CAF	Synthetic Cannabinoid	Other	Parent	C24H15FN2O2
72.08	140.00	212.08367	4.49	3-CDMC	Stimulant	Cathinone		C11H14ClNO
103.05	109.03	212.08367	4.49	3-CDMC	Stimulant	Cathinone		C11H14ClNO
139.03	73.05	212.08367	4.49	3-CDMC	Stimulant	Cathinone		C11H14ClNO
167.02	45.06	212.08367	4.49	3-CDMC	Stimulant	Cathinone		C11H14ClNO

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
212.08	0.00	212.08367	4.49	3-CDMC	Stimulant	Cathinone		C11H14ClNO
103.05	81.00	184.05237	4.2	3-Chlorocathinone	Stimulant	Cathinone		C9H10ClNO
130.06	53.99	184.05237	4.2	3-Chlorocathinone	Stimulant	Cathinone		C9H10ClNO
131.07	52.98	184.05237	4.2	3-Chlorocathinone	Stimulant	Cathinone		C9H10ClNO
139.03	45.02	184.05237	4.2	3-Chlorocathinone	Stimulant	Cathinone		C9H10ClNO
166.04	18.01	184.05237	4.2	3-Chlorocathinone	Stimulant	Cathinone		C9H10ClNO
184.05	0.00	184.05237	4.2	3-Chlorocathinone	Stimulant	Cathinone		C9H10ClNO
103.05	95.02	198.068	4.39	3-Chloromethcathinone	Stimulant	Cathinone		C10H12ClNO
144.08	53.99	198.068	4.39	3-Chloromethcathinone	Stimulant	Cathinone		C10H12ClNO
145.09	52.98	198.068	4.39	3-Chloromethcathinone	Stimulant	Cathinone		C10H12ClNO
165.03	33.04	198.068	4.39	3-Chloromethcathinone	Stimulant	Cathinone		C10H12ClNO
180.06	18.01	198.068	4.39	3-Chloromethcathinone	Stimulant	Cathinone		C10H12ClNO
198.07	0.00	198.068	4.39	3-Chloromethcathinone	Stimulant	Cathinone		C10H12ClNO
81.07	197.10	278.167	6.57	3CI-PCP	Stimulant	Arylcyclohexylamine		C17H24ClN
86.1	192.07	278.167	6.57	3CI-PCP	Stimulant	Arylcyclohexylamine		C17H24ClN
125.02	153.15	278.167	6.57	3CI-PCP	Stimulant	Arylcyclohexylamine		C17H24ClN
151.03	127.14	278.167	6.57	3CI-PCP	Stimulant	Arylcyclohexylamine		C17H24ClN
193.08	85.09	278.167	6.57	3CI-PCP	Stimulant	Arylcyclohexylamine		C17H24ClN
278.17	0.00	278.167	6.57	3CI-PCP	Stimulant	Arylcyclohexylamine		C17H24ClN
109.05	129.11	238.16017	6.03	3-fluoro-N-ethyl Hexedrone	Stimulant	Cathinone		C14H20FNO
136.06	102.10	238.16017	6.03	3-fluoro-N-ethyl Hexedrone	Stimulant	Cathinone		C14H20FNO
148.06	90.10	238.16017	6.03	3-fluoro-N-ethyl Hexedrone	Stimulant	Cathinone		C14H20FNO
164.09	74.07	238.16017	6.03	3-fluoro-N-ethyl Hexedrone	Stimulant	Cathinone		C14H20FNO
220.15	18.01	238.16017	6.03	3-fluoro-N-ethyl Hexedrone	Stimulant	Cathinone		C14H20FNO
238.16	0.00	238.16017	6.03	3-fluoro-N-ethyl Hexedrone	Stimulant	Cathinone		C14H20FNO
121.04	246.21	367.2544	7.6	3F-MT-45	Opioid	Other	Parent	C24H31FN2
169.17	198.08	367.2544	7.6	3F-MT-45	Opioid	Other	Parent	C24H31FN2
179.09	188.16	367.2544	7.6	3F-MT-45	Opioid	Other	Parent	C24H31FN2
199.09	168.16	367.2544	7.6	3F-MT-45	Opioid	Other	Parent	C24H31FN2
367.25	0.00	367.2544	7.6	3F-MT-45	Opioid	Other	Parent	C24H31FN2
109.04	101.09	210.12887	4.49	3F-N-Ethylbuphedrone	Stimulant	Cathinone		C12H16FNO
136.05	74.08	210.12887	4.49	3F-N-Ethylbuphedrone	Stimulant	Cathinone		C12H16FNO
148.05	62.08	210.12887	4.49	3F-N-Ethylbuphedrone	Stimulant	Cathinone		C12H16FNO
163.08	47.05	210.12887	4.49	3F-N-Ethylbuphedrone	Stimulant	Cathinone		C12H16FNO
164.09	46.04	210.12887	4.49	3F-N-Ethylbuphedrone	Stimulant	Cathinone		C12H16FNO
210.13	0.00	210.12887	4.49	3F-N-Ethylbuphedrone	Stimulant	Cathinone		C12H16FNO
81.07	181.13	262.19655	6.05	3F-PCP	Stimulant	Arylcyclohexylamine		C17H24FN
86.1	176.10	262.19655	6.05	3F-PCP	Stimulant	Arylcyclohexylamine		C17H24FN
109.04	153.16	262.19655	6.05	3F-PCP	Stimulant	Arylcyclohexylamine		C17H24FN
135.06	127.14	262.19655	6.05	3F-PCP	Stimulant	Arylcyclohexylamine		C17H24FN
177.11	85.09	262.19655	6.05	3F-PCP	Stimulant	Arylcyclohexylamine		C17H24FN
262.2	0.00	262.19655	6.05	3F-PCP	Stimulant	Arylcyclohexylamine		C17H24FN
46.07	174.10	220.16959	5.01	3-HO-PCE	Stimulant	Arylcyclohexylamine		C14H21NO
79.05	141.12	220.16959	5.01	3-HO-PCE	Stimulant	Arylcyclohexylamine		C14H21NO
81.07	139.10	220.16959	5.01	3-HO-PCE	Stimulant	Arylcyclohexylamine		C14H21NO
107.05	113.12	220.16959	5.01	3-HO-PCE	Stimulant	Arylcyclohexylamine		C14H21NO

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
175.11	45.06	220.16959	5.01	3-HO-PCE	Stimulant	Arylcyclohexylamine		C14H21NO
220.17	0.00	220.16959	5.01	3-HO-PCE	Stimulant	Arylcyclohexylamine		C14H21NO
273	76.00	348.99824	7.11	3-hydroxy Flubromazepam	Benzodiazepine		Metabolite	C15H10BrFN2O2
293.01	55.99	348.99824	7.11	3-hydroxy Flubromazepam	Benzodiazepine		Metabolite	C15H10BrFN2O2
302.99	46.01	348.99824	7.11	3-hydroxy Flubromazepam	Benzodiazepine		Metabolite	C15H10BrFN2O2
330.99	18.01	348.99824	7.11	3-hydroxy Flubromazepam	Benzodiazepine		Metabolite	C15H10BrFN2O2
349	0.00	348.99824	7.11	3-hydroxy Flubromazepam	Benzodiazepine		Metabolite	C15H10BrFN2O2
46.06	188.13	234.18524	6	3-MeO-PCE	Stimulant	Arylcyclohexylamine		C15H23NO
81.07	153.12	234.18524	6	3-MeO-PCE	Stimulant	Arylcyclohexylamine		C15H23NO
91.05	143.14	234.18524	6	3-MeO-PCE	Stimulant	Arylcyclohexylamine		C15H23NO
121.06	113.13	234.18524	6	3-MeO-PCE	Stimulant	Arylcyclohexylamine		C15H23NO
189.13	45.06	234.18524	6	3-MeO-PCE	Stimulant	Arylcyclohexylamine		C15H23NO
234.19	0.00	234.18524	6	3-MeO-PCE	Stimulant	Arylcyclohexylamine		C15H23NO
72.08	188.12	260.20089	6.02	3-methoxy PCPy	Stimulant	Arylcyclohexylamine		C17H25NO
81.07	179.13	260.20089	6.02	3-methoxy PCPy	Stimulant	Arylcyclohexylamine		C17H25NO
91.05	169.15	260.20089	6.02	3-methoxy PCPy	Stimulant	Arylcyclohexylamine		C17H25NO
121.06	139.14	260.20089	6.02	3-methoxy PCPy	Stimulant	Arylcyclohexylamine		C17H25NO
189.13	71.07	260.20089	6.02	3-methoxy PCPy	Stimulant	Arylcyclohexylamine		C17H25NO
260.2	0.00	260.20089	6.02	3-methoxy PCPy	Stimulant	Arylcyclohexylamine		C17H25NO
105.07	260.19	365.25874	7.07	3-Methyl Butyrylfentanyl	Opioid	Fentanyl	Parent	C24H32N2O
134.1	231.16	365.25874	7.07	3-Methyl Butyrylfentanyl	Opioid	Fentanyl	Parent	C24H32N2O
202.16	163.10	365.25874	7.07	3-Methyl Butyrylfentanyl	Opioid	Fentanyl	Parent	C24H32N2O
244.17	121.09	365.25874	7.07	3-Methyl Butyrylfentanyl	Opioid	Fentanyl	Parent	C24H32N2O
365.26	0.00	365.25874	7.07	3-Methyl Butyrylfentanyl	Opioid	Fentanyl	Parent	C24H32N2O
105.07	246.17	351.243	6.49	3-Methyl fentanyl	Opioid	Fentanyl	Parent	C23H30N2O
134.1	217.14	351.243	6.49	3-Methyl fentanyl	Opioid	Fentanyl	Parent	C23H30N2O
202.16	149.08	351.243	6.49	3-Methyl fentanyl	Opioid	Fentanyl	Parent	C23H30N2O
230.15	121.09	351.243	6.49	3-Methyl fentanyl	Opioid	Fentanyl	Parent	C23H30N2O
351.24	0.00	351.243	6.49	3-Methyl fentanyl	Opioid	Fentanyl	Parent	C23H30N2O
81.07	177.15	258.22163	6.59	3-methyl PCP	Stimulant	Arylcyclohexylamine		C18H27N
86.1	172.12	258.22163	6.59	3-methyl PCP	Stimulant	Arylcyclohexylamine		C18H27N
103.05	155.17	258.22163	6.59	3-methyl PCP	Stimulant	Arylcyclohexylamine		C18H27N
105.07	153.15	258.22163	6.59	3-methyl PCP	Stimulant	Arylcyclohexylamine		C18H27N
173.13	85.09	258.22163	6.59	3-methyl PCP	Stimulant	Arylcyclohexylamine		C18H27N
258.22	0.00	258.22163	6.59	3-methyl PCP	Stimulant	Arylcyclohexylamine		C18H27N
119.08	59.04	178.12264	4.38	3-Methylmethcathinone (3-MMC)	Stimulant	Cathinone		C11H15NO
130.06	48.06	178.12264	4.38	3-Methylmethcathinone (3-MMC)	Stimulant	Cathinone		C11H15NO
144.08	34.04	178.12264	4.38	3-Methylmethcathinone (3-MMC)	Stimulant	Cathinone		C11H15NO
145.09	33.03	178.12264	4.38	3-Methylmethcathinone (3-MMC)	Stimulant	Cathinone		C11H15NO
160.11	18.01	178.12264	4.38	3-Methylmethcathinone (3-MMC)	Stimulant	Cathinone		C11H15NO
178.12	0.00	178.12264	4.38	3-Methylmethcathinone (3-MMC)	Stimulant	Cathinone		C11H15NO
204.08	81.00	285.07892	8.38	3-Methylnordiazepam	Benzodiazepine			C16H13ClN2O
240.06	45.02	285.07892	8.38	3-Methylnordiazepam	Benzodiazepine			C16H13ClN2O
257.08	28.00	285.07892	8.38	3-Methylnordiazepam	Benzodiazepine			C16H13ClN2O
267.07	18.01	285.07892	8.38	3-Methylnordiazepam	Benzodiazepine			C16H13ClN2O
285.08	0.00	285.07892	8.38	3-Methylnordiazepam	Benzodiazepine			C16H13ClN2O

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
81.07	179.13	260.20089	5.25	3-OH-PCP	Stimulant	Arylcyclohexylamine		C17H25NO
86.1	174.10	260.20089	5.25	3-OH-PCP	Stimulant	Arylcyclohexylamine		C17H25NO
107.05	153.15	260.20089	5.25	3-OH-PCP	Stimulant	Arylcyclohexylamine		C17H25NO
175.11	85.09	260.20089	5.25	3-OH-PCP	Stimulant	Arylcyclohexylamine		C17H25NO
260.2	0.00	260.20089	5.25	3-OH-PCP	Stimulant	Arylcyclohexylamine		C17H25NO
81.07	248.11	329.18352	6.1	4-(Trifluoromethyl) U-47700	Opioid	Utopioid		C17H23F3N2O
145.02	184.16	329.18352	6.1	4-(Trifluoromethyl) U-47700	Opioid	Utopioid		C17H23F3N2O
173.02	156.16	329.18352	6.1	4-(Trifluoromethyl) U-47700	Opioid	Utopioid		C17H23F3N2O
204.06	125.12	329.18352	6.1	4-(Trifluoromethyl) U-47700	Opioid	Utopioid		C17H23F3N2O
284.12	45.06	329.18352	6.1	4-(Trifluoromethyl) U-47700	Opioid	Utopioid		C17H23F3N2O
329.18	0.00	329.18352	6.1	4-(Trifluoromethyl) U-47700	Opioid	Utopioid		C17H23F3N2O
72.08	217.11	289.19106	5.35	4-AcO-EPT	Hallucinogen	Tryptamine		C17H24N2O2
88.11	201.08	289.19106	5.35	4-AcO-EPT	Hallucinogen	Tryptamine		C17H24N2O2
100.11	189.08	289.19106	5.35	4-AcO-EPT	Hallucinogen	Tryptamine		C17H24N2O2
160.07	129.12	289.19106	5.35	4-AcO-EPT	Hallucinogen	Tryptamine		C17H24N2O2
202.08	87.11	289.19106	5.35	4-AcO-EPT	Hallucinogen	Tryptamine		C17H24N2O2
289.19	0.00	289.19106	5.35	4-AcO-EPT	Hallucinogen	Tryptamine		C17H24N2O2
56.05	148.06	204.11314	3.12	4-Aminoantipyrine	Other Pharma	Non-narcotic analgesic	Pyrazolone	C11H13N3O
94.06	110.05	204.11314	3.12	4-Aminoantipyrine	Other Pharma	Non-narcotic analgesic	Pyrazolone	C11H13N3O
159.09	45.02	204.11314	3.12	4-Aminoantipyrine	Other Pharma	Non-narcotic analgesic	Pyrazolone	C11H13N3O
187.09	17.02	204.11314	3.12	4-Aminoantipyrine	Other Pharma	Non-narcotic analgesic	Pyrazolone	C11H13N3O
204.11	0.00	204.11314	3.12	4-Aminoantipyrine	Other Pharma	Non-narcotic analgesic	Pyrazolone	C11H13N3O
84.08	183.11	267.18558	5.78	4-ANBP	Opioid	Fentanyl	Precursor	C18H22N2
91.05	176.14	267.18558	5.78	4-ANBP	Opioid	Fentanyl	Precursor	C18H22N2
120.08	147.11	267.18558	5.78	4-ANBP	Opioid	Fentanyl	Precursor	C18H22N2
147.13	120.06	267.18558	5.78	4-ANBP	Opioid	Fentanyl	Precursor	C18H22N2
267.19	0.00	267.18558	5.78	4-ANBP	Opioid	Fentanyl	Precursor	C18H22N2
56.05	221.14	277.19105	8.58	4-Anilino-1-Boc-Piperidine	Opioid	Fentanyl		C16H24N2O2
84.08	193.11	277.19105	8.58	4-Anilino-1-Boc-Piperidine	Opioid	Fentanyl		C16H24N2O2
94.06	183.13	277.19105	8.58	4-Anilino-1-Boc-Piperidine	Opioid	Fentanyl		C16H24N2O2
128.07	149.12	277.19105	8.58	4-Anilino-1-Boc-Piperidine	Opioid	Fentanyl		C16H24N2O2
221.13	56.06	277.19105	8.58	4-Anilino-1-Boc-Piperidine	Opioid	Fentanyl		C16H24N2O2
277.19	0.00	277.19105	8.58	4-Anilino-1-Boc-Piperidine	Opioid	Fentanyl		C16H24N2O2
105.07	176.13	281.2012	6.12	4-ANPP	Opioid	Fentanyl	Precursor	C19H24N2
134.1	147.10	281.2012	6.12	4-ANPP	Opioid	Fentanyl	Precursor	C19H24N2
146.1	135.10	281.2012	6.12	4-ANPP	Opioid	Fentanyl	Precursor	C19H24N2
188.14	93.06	281.2012	6.12	4-ANPP	Opioid	Fentanyl	Precursor	C19H24N2
281.2	0.00	281.2012	6.12	4-ANPP	Opioid	Fentanyl	Precursor	C19H24N2
126.13	183.95	310.0801	6.34	4Br-alpha-PVP	Stimulant	Cathinone		C15H20BrNO
131.05	179.03	310.0801	6.34	4Br-alpha-PVP	Stimulant	Cathinone		C15H20BrNO
160.09	149.99	310.0801	6.34	4Br-alpha-PVP	Stimulant	Cathinone		C15H20BrNO
168.96	141.12	310.0801	6.34	4Br-alpha-PVP	Stimulant	Cathinone		C15H20BrNO
310.08	0.00	310.0801	6.34	4Br-alpha-PVP	Stimulant	Cathinone		C15H20BrNO
132.06	109.96	242.0175	4.81	4-Bromomethcathinone	Stimulant	Cathinone		C10H12BrNO
144.08	97.94	242.0175	4.81	4-Bromomethcathinone	Stimulant	Cathinone		C10H12BrNO
145.09	96.93	242.0175	4.81	4-Bromomethcathinone	Stimulant	Cathinone		C10H12BrNO

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
224.01	18.01	242.0175	4.81	4-Bromomethcathinone	Stimulant	Cathinone		C10H12BrNO
242.02	0.00	242.0175	4.81	4-Bromomethcathinone	Stimulant	Cathinone		C10H12BrNO
72.08	140.00	212.08367	4.59	4-CDMC	Stimulant	Cathinone		C11H14CINO
103.05	109.03	212.08367	4.59	4-CDMC	Stimulant	Cathinone		C11H14CINO
139.03	73.05	212.08367	4.59	4-CDMC	Stimulant	Cathinone		C11H14CINO
167.02	45.06	212.08367	4.59	4-CDMC	Stimulant	Cathinone		C11H14CINO
212.08	0.00	212.08367	4.59	4-CDMC	Stimulant	Cathinone		C11H14CINO
139.03	73.05	212.08367	4.88	4-CEC	Stimulant	Cathinone		C11H14CINO
144.08	68.00	212.08367	4.88	4-CEC	Stimulant	Cathinone		C11H14CINO
159.1	52.98	212.08367	4.88	4-CEC	Stimulant	Cathinone		C11H14CINO
194.07	18.01	212.08367	4.88	4-CEC	Stimulant	Cathinone		C11H14CINO
212.08	0.00	212.08367	4.88	4-CEC	Stimulant	Cathinone		C11H14CINO
89.04	81.03	170.0731	4.99	4-Chloroamphetamine	Stimulant	Amphetamine		C9H12CIN
99	71.07	170.0731	4.99	4-Chloroamphetamine	Stimulant	Amphetamine		C9H12CIN
117.07	53.00	170.0731	4.99	4-Chloroamphetamine	Stimulant	Amphetamine		C9H12CIN
125.02	45.05	170.0731	4.99	4-Chloroamphetamine	Stimulant	Amphetamine		C9H12CIN
153.05	17.02	170.0731	4.99	4-Chloroamphetamine	Stimulant	Amphetamine		C9H12CIN
170.07	0.00	170.0731	4.99	4-Chloroamphetamine	Stimulant	Amphetamine		C9H12CIN
89.04	95.05	184.08875	5.16	4-Chloromethamphetamine	Stimulant	Amphetamine		C10H14CIN
99	85.09	184.08875	5.16	4-Chloromethamphetamine	Stimulant	Amphetamine		C10H14CIN
125.02	59.07	184.08875	5.16	4-Chloromethamphetamine	Stimulant	Amphetamine		C10H14CIN
153.05	31.04	184.08875	5.16	4-Chloromethamphetamine	Stimulant	Amphetamine		C10H14CIN
184.09	0.00	184.08875	5.16	4-Chloromethamphetamine	Stimulant	Amphetamine		C10H14CIN
125.02	141.11	266.1306	6.15	4Cl-alpha-PVP	Stimulant	Cathinone		C15H20CINO
138.99	127.14	266.1306	6.15	4Cl-alpha-PVP	Stimulant	Cathinone		C15H20CINO
195.06	71.07	266.1306	6.15	4Cl-alpha-PVP	Stimulant	Cathinone		C15H20CINO
223.08	43.05	266.1306	6.15	4Cl-alpha-PVP	Stimulant	Cathinone		C15H20CINO
266.13	0.00	266.1306	6.15	4Cl-alpha-PVP	Stimulant	Cathinone		C15H20CINO
205.08	104.01	309.09015	7.43	4'Cl-Deschloroalprazolam	Benzodiazepine			C17H13CIN4
241.05	68.04	309.09015	7.43	4'Cl-Deschloroalprazolam	Benzodiazepine			C17H13CIN4
274.12	34.97	309.09015	7.43	4'Cl-Deschloroalprazolam	Benzodiazepine			C17H13CIN4
281.07	28.02	309.09015	7.43	4'Cl-Deschloroalprazolam	Benzodiazepine			C17H13CIN4
309.09	0.00	309.09015	7.43	4'Cl-Deschloroalprazolam	Benzodiazepine			C17H13CIN4
103.05	123.05	226.09932	5.3	4Cl-Isopropylcathinone	Stimulant	Cathinone		C12H16CINO
131.07	95.03	226.09932	5.3	4Cl-Isopropylcathinone	Stimulant	Cathinone		C12H16CINO
139.03	87.07	226.09932	5.3	4Cl-Isopropylcathinone	Stimulant	Cathinone		C12H16CINO
166.04	60.06	226.09932	5.3	4Cl-Isopropylcathinone	Stimulant	Cathinone		C12H16CINO
208.09	18.01	226.09932	5.3	4Cl-Isopropylcathinone	Stimulant	Cathinone		C12H16CINO
226.1	0.00	226.09932	5.3	4Cl-Isopropylcathinone	Stimulant	Cathinone		C12H16CINO
125.01	101.09	226.09932	5.91	4Cl-Pentedrone	Stimulant	Cathinone		C12H16CINO
144.08	82.02	226.09932	5.91	4Cl-Pentedrone	Stimulant	Cathinone		C12H16CINO
166.04	60.06	226.09932	5.91	4Cl-Pentedrone	Stimulant	Cathinone		C12H16CINO
208.09	18.01	226.09932	5.91	4Cl-Pentedrone	Stimulant	Cathinone		C12H16CINO
226.1	0.00	226.09932	5.91	4Cl-Pentedrone	Stimulant	Cathinone		C12H16CINO
116.05	225.15	341.1972	6.87	4CN-AB-BICA	Synthetic Cannabinoid	Other	Parent	C19H24N4O2
144.04	197.16	341.1972	6.87	4CN-AB-BICA	Synthetic Cannabinoid	Other	Parent	C19H24N4O2

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
225.1	116.10	341.1972	6.87	4CN-AB-BICA	Synthetic Cannabinoid	Other	Parent	C19H24N4O2
296.17	45.03	341.1972	6.87	4CN-AB-BICA	Synthetic Cannabinoid	Other	Parent	C19H24N4O2
324.17	17.03	341.1972	6.87	4CN-AB-BICA	Synthetic Cannabinoid	Other	Parent	C19H24N4O2
341.2	0.00	341.1972	6.87	4CN-AB-BICA	Synthetic Cannabinoid	Other	Parent	C19H24N4O2
145.04	212.15	357.19212	8.3	4CN-MMB-BINACA	Synthetic Cannabinoid	Other	Parent	C19H24N4O3
226.1	131.09	357.19212	8.3	4CN-MMB-BINACA	Synthetic Cannabinoid	Other	Parent	C19H24N4O3
297.17	60.02	357.19212	8.3	4CN-MMB-BINACA	Synthetic Cannabinoid	Other	Parent	C19H24N4O3
325.17	32.02	357.19212	8.3	4CN-MMB-BINACA	Synthetic Cannabinoid	Other	Parent	C19H24N4O3
357.19	0.00	357.19212	8.3	4CN-MMB-BINACA	Synthetic Cannabinoid	Other	Parent	C19H24N4O3
145.04	198.14	343.17647	7.56	4CN-MMB-BINACA 3-Methylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C18H22N4O3
226.1	117.08	343.17647	7.56	4CN-MMB-BINACA 3-Methylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C18H22N4O3
297.17	46.01	343.17647	7.56	4CN-MMB-BINACA 3-Methylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C18H22N4O3
325.17	18.01	343.17647	7.56	4CN-MMB-BINACA 3-Methylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C18H22N4O3
343.18	0.00	343.17647	7.56	4CN-MMB-BINACA 3-Methylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C18H22N4O3
119.08	242.12	361.20229	8.05	4-cyano CUMYL-BUT7AICA	Synthetic Cannabinoid	Other	Parent	C22H24N4O
200.12	161.08	361.20229	8.05	4-cyano CUMYL-BUT7AICA	Synthetic Cannabinoid	Other	Parent	C22H24N4O
226.1	135.10	361.20229	8.05	4-cyano CUMYL-BUT7AICA	Synthetic Cannabinoid	Other	Parent	C22H24N4O
243.12	118.08	361.20229	8.05	4-cyano CUMYL-BUT7AICA	Synthetic Cannabinoid	Other	Parent	C22H24N4O
361.2	0.00	361.20229	8.05	4-cyano CUMYL-BUT7AICA	Synthetic Cannabinoid	Other	Parent	C22H24N4O
91.05	270.15	361.2023	8.91	4-cyano CUMYL-BUTINACA	Synthetic Cannabinoid	Other	Parent	C22H24N4O
119.09	242.11	361.2023	8.91	4-cyano CUMYL-BUTINACA	Synthetic Cannabinoid	Other	Parent	C22H24N4O
145.04	216.16	361.2023	8.91	4-cyano CUMYL-BUTINACA	Synthetic Cannabinoid	Other	Parent	C22H24N4O
226.1	135.10	361.2023	8.91	4-cyano CUMYL-BUTINACA	Synthetic Cannabinoid	Other	Parent	C22H24N4O
361.2	0.00	361.2023	8.91	4-cyano CUMYL-BUTINACA	Synthetic Cannabinoid	Other	Parent	C22H24N4O
119.09	247.09	366.18122	8.43	4-cyano CUMYL-BUTINACA N-Butanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C21H23N3O3
145.04	221.14	366.18122	8.43	4-cyano CUMYL-BUTINACA N-Butanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C21H23N3O3
213.07	153.11	366.18122	8.43	4-cyano CUMYL-BUTINACA N-Butanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C21H23N3O3
231.08	135.10	366.18122	8.43	4-cyano CUMYL-BUTINACA N-Butanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C21H23N3O3
248.1	118.08	366.18122	8.43	4-cyano CUMYL-BUTINACA N-Butanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C21H23N3O3
366.18	0.00	366.18122	8.43	4-cyano CUMYL-BUTINACA N-Butanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C21H23N3O3
145.04	226.17	371.20777	8.72	4-cyano MDMB-BINACA	Synthetic Cannabinoid	Other	Parent	C20H26N4O3
226.1	145.11	371.20777	8.72	4-cyano MDMB-BINACA	Synthetic Cannabinoid	Other	Parent	C20H26N4O3
311.19	60.02	371.20777	8.72	4-cyano MDMB-BINACA	Synthetic Cannabinoid	Other	Parent	C20H26N4O3
339.18	32.03	371.20777	8.72	4-cyano MDMB-BINACA	Synthetic Cannabinoid	Other	Parent	C20H26N4O3
371.21	0.00	371.20777	8.72	4-cyano MDMB-BINACA	Synthetic Cannabinoid	Other	Parent	C20H26N4O3
144.08	62.07	206.1539409	5.44	4-Ethylethcathinone	Stimulant	Cathinone		C13H19NO
158.1	48.05	206.1539409	5.44	4-Ethylethcathinone	Stimulant	Cathinone		C13H19NO
159.1	47.05	206.1539409	5.44	4-Ethylethcathinone	Stimulant	Cathinone		C13H19NO
160.11	46.04	206.1539409	5.44	4-Ethylethcathinone	Stimulant	Cathinone		C13H19NO
188.14	18.01	206.1539409	5.44	4-Ethylethcathinone	Stimulant	Cathinone		C13H19NO
206.15	0.00	206.1539409	5.44	4-Ethylethcathinone	Stimulant	Cathinone		C13H19NO
72.08	134.07	206.1539409	5.28	4-ethyl-n,n-Dimethylcathinone)	Stimulant	Cathinone		C13H19NO
105.07	101.08	206.1539409	5.28	4-ethyl-n,n-Dimethylcathinone)	Stimulant	Cathinone		C13H19NO
133.1	73.05	206.1539409	5.28	4-ethyl-n,n-Dimethylcathinone)	Stimulant	Cathinone		C13H19NO
161.1	45.05	206.1539409	5.28	4-ethyl-n,n-Dimethylcathinone)	Stimulant	Cathinone		C13H19NO
206.15	0.00	206.1539409	5.28	4-ethyl-n,n-Dimethylcathinone)	Stimulant	Cathinone		C13H19NO

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
123.06	141.12	264.17582	6.22	4F-3-Methyl-alpha-PVP	Stimulant	Cathinone		C16H22FNO
126.13	138.05	264.17582	6.22	4F-3-Methyl-alpha-PVP	Stimulant	Cathinone		C16H22FNO
137.04	127.14	264.17582	6.22	4F-3-Methyl-alpha-PVP	Stimulant	Cathinone		C16H22FNO
193.1	71.08	264.17582	6.22	4F-3-Methyl-alpha-PVP	Stimulant	Cathinone		C16H22FNO
264.17	0.01	264.17582	6.22	4F-3-Methyl-alpha-PVP	Stimulant	Cathinone		C16H22FNO
264.18	0.00	264.17582	6.22	4F-3-Methyl-alpha-PVP	Stimulant	Cathinone		C16H22FNO
145.04	190.15	335.18778	7.47	4F-AB-BINACA	Synthetic Cannabinoid			C17H23FN4O2
177.05	158.14	335.18778	7.47	4F-AB-BINACA	Synthetic Cannabinoid			C17H23FN4O2
219.09	116.10	335.18778	7.47	4F-AB-BINACA	Synthetic Cannabinoid			C17H23FN4O2
290.17	45.02	335.18778	7.47	4F-AB-BINACA	Synthetic Cannabinoid			C17H23FN4O2
318.16	17.03	335.18778	7.47	4F-AB-BINACA	Synthetic Cannabinoid			C17H23FN4O2
335.19	0.00	335.18778	7.47	4F-AB-BINACA	Synthetic Cannabinoid			C17H23FN4O2
93.07	289.14	382.21252	9.53	4F-ABINACA N-Butanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C22H27N3O3
107.09	275.12	382.21252	9.53	4F-ABINACA N-Butanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C22H27N3O3
135.12	247.09	382.21252	9.53	4F-ABINACA N-Butanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C22H27N3O3
364.2	18.01	382.21252	9.53	4F-ABINACA N-Butanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C22H27N3O3
382.21	0.00	382.21252	9.53	4F-ABINACA N-Butanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C22H27N3O3
79.05	291.18	370.22892	10.47	4F-ABUTINACA	Synthetic Cannabinoid	Other	Parent	C22H28FN3O
93.07	277.16	370.22892	10.47	4F-ABUTINACA	Synthetic Cannabinoid	Other	Parent	C22H28FN3O
107.08	263.15	370.22892	10.47	4F-ABUTINACA	Synthetic Cannabinoid	Other	Parent	C22H28FN3O
135.12	235.11	370.22892	10.47	4F-ABUTINACA	Synthetic Cannabinoid	Other	Parent	C22H28FN3O
370.23	0.00	370.22892	10.47	4F-ABUTINACA	Synthetic Cannabinoid	Other	Parent	C22H28FN3O
109.04	155.14	264.17582	6.06	4F-alpha-PHP	Stimulant	Cathinone		C16H22FNO
123.02	141.16	264.17582	6.06	4F-alpha-PHP	Stimulant	Cathinone		C16H22FNO
140.14	124.04	264.17582	6.06	4F-alpha-PHP	Stimulant	Cathinone		C16H22FNO
193.1	71.08	264.17582	6.06	4F-alpha-PHP	Stimulant	Cathinone		C16H22FNO
264.18	0.00	264.17582	6.06	4F-alpha-PHP	Stimulant	Cathinone		C16H22FNO
109.04	141.12	250.16017	5.37	4F-alpha-PVP	Stimulant	Cathinone		C15H20FNO
123.02	127.14	250.16017	5.37	4F-alpha-PVP	Stimulant	Cathinone		C15H20FNO
126.13	124.03	250.16017	5.37	4F-alpha-PVP	Stimulant	Cathinone		C15H20FNO
179.09	71.07	250.16017	5.37	4F-alpha-PVP	Stimulant	Cathinone		C15H20FNO
250.16	0.00	250.16017	5.37	4F-alpha-PVP	Stimulant	Cathinone		C15H20FNO
137.08	249.12	386.20385	9.37	4F-CUMYL-5F-PINACA	Synthetic Cannabinoid	Other	Parent	C22H25F2N3O
177.05	209.15	386.20385	9.37	4F-CUMYL-5F-PINACA	Synthetic Cannabinoid	Other	Parent	C22H25F2N3O
213.1	173.10	386.20385	9.37	4F-CUMYL-5F-PINACA	Synthetic Cannabinoid	Other	Parent	C22H25F2N3O
233.11	153.09	386.20385	9.37	4F-CUMYL-5F-PINACA	Synthetic Cannabinoid	Other	Parent	C22H25F2N3O
250.14	136.06	386.20385	9.37	4F-CUMYL-5F-PINACA	Synthetic Cannabinoid	Other	Parent	C22H25F2N3O
386.2	0.00	386.20385	9.37	4F-CUMYL-5F-PINACA	Synthetic Cannabinoid	Other	Parent	C22H25F2N3O
56.05	210.11	266.15508	5.88	4F-Ethylphenidate	Stimulant	Phenidate		C15H20FNO2
84.08	182.08	266.15508	5.88	4F-Ethylphenidate	Stimulant	Phenidate		C15H20FNO2
109.04	157.12	266.15508	5.88	4F-Ethylphenidate	Stimulant	Phenidate		C15H20FNO2
192.11	74.05	266.15508	5.88	4F-Ethylphenidate	Stimulant	Phenidate		C15H20FNO2
266.15	0.01	266.15508	5.88	4F-Ethylphenidate	Stimulant	Phenidate		C15H20FNO2
266.16	0.00	266.15508	5.88	4F-Ethylphenidate	Stimulant	Phenidate		C15H20FNO2
116.05	247.16	363.20785	9.04	4F-MDMB-BICA	Synthetic Cannabinoid	Other	Parent	C20H27FN2O3
144.04	219.17	363.20785	9.04	4F-MDMB-BICA	Synthetic Cannabinoid	Other	Parent	C20H27FN2O3



Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
198.09	165.12	363.20785	9.04	4F-MDMB-BICA	Synthetic Cannabinoid	Other	Parent	C20H27FN2O3
218.1	145.11	363.20785	9.04	4F-MDMB-BICA	Synthetic Cannabinoid	Other	Parent	C20H27FN2O3
363.21	0.00	363.20785	9.04	4F-MDMB-BICA	Synthetic Cannabinoid	Other	Parent	C20H27FN2O3
116.05	233.14	349.1922	8.37	4F-MDMB-BICA 3,3-Dimethylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C19H25FN2O3
144.04	205.15	349.1922	8.37	4F-MDMB-BICA 3,3-Dimethylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C19H25FN2O3
198.09	151.10	349.1922	8.37	4F-MDMB-BICA 3,3-Dimethylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C19H25FN2O3
218.1	131.09	349.1922	8.37	4F-MDMB-BICA 3,3-Dimethylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C19H25FN2O3
349.19	0.00	349.1922	8.37	4F-MDMB-BICA 3,3-Dimethylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C19H25FN2O3
145.04	219.16	364.2031	9.37	4F-MDMB-BINACA	Synthetic Cannabinoid	Other	Parent	C19H26FN3O3
219.09	145.11	364.2031	9.37	4F-MDMB-BINACA	Synthetic Cannabinoid	Other	Parent	C19H26FN3O3
236.12	128.08	364.2031	9.37	4F-MDMB-BINACA	Synthetic Cannabinoid	Other	Parent	C19H26FN3O3
304.18	60.02	364.2031	9.37	4F-MDMB-BINACA	Synthetic Cannabinoid	Other	Parent	C19H26FN3O3
364.2	0.00	364.2031	9.37	4F-MDMB-BINACA	Synthetic Cannabinoid	Other	Parent	C19H26FN3O3
145.04	205.15	350.18745	8.58	4F-MDMB-BINACA 3,3-Dimethylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C18H24FN3O3
177.05	173.14	350.18745	8.58	4F-MDMB-BINACA 3,3-Dimethylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C18H24FN3O3
219.09	131.10	350.18745	8.58	4F-MDMB-BINACA 3,3-Dimethylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C18H24FN3O3
304.18	46.01	350.18745	8.58	4F-MDMB-BINACA 3,3-Dimethylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C18H24FN3O3
350.19	0.00	350.18745	8.58	4F-MDMB-BINACA 3,3-Dimethylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C18H24FN3O3
56.05	196.09	252.13943	5.33	4F-Methylphenidate	Stimulant	Phenidate		C14H18FNO2
84.08	168.06	252.13943	5.33	4F-Methylphenidate	Stimulant	Phenidate		C14H18FNO2
109.04	143.10	252.13943	5.33	4F-Methylphenidate	Stimulant	Phenidate		C14H18FNO2
182.12	70.02	252.13943	5.33	4F-Methylphenidate	Stimulant	Phenidate		C14H18FNO2
252.14	0.00	252.13943	5.33	4F-Methylphenidate	Stimulant	Phenidate		C14H18FNO2
56.05	176.06	232.10805	3.75	4-Formylaminoantipyrine	Unknown		Pyrazolone	C12H13N3O2
83.06	149.05	232.10805	3.75	4-Formylaminoantipyrine	Unknown		Pyrazolone	C12H13N3O2
104.05	128.06	232.10805	3.75	4-Formylaminoantipyrine	Unknown		Pyrazolone	C12H13N3O2
214.1	18.01	232.10805	3.75	4-Formylaminoantipyrine	Unknown		Pyrazolone	C12H13N3O2
232.11	0.00	232.10805	3.75	4-Formylaminoantipyrine	Unknown		Pyrazolone	C12H13N3O2
109.04	101.09	210.12887	5.15	4F-Pentedrone	Stimulant	Cathinone		C12H16FNO
150.07	60.06	210.12887	5.15	4F-Pentedrone	Stimulant	Cathinone		C12H16FNO
162.07	48.06	210.12887	5.15	4F-Pentedrone	Stimulant	Cathinone		C12H16FNO
192.12	18.01	210.12887	5.15	4F-Pentedrone	Stimulant	Cathinone		C12H16FNO
210.13	0.00	210.12887	5.15	4F-Pentedrone	Stimulant	Cathinone		C12H16FNO
81.07	184.10	265.17107	4.96	4F-U-47931E	Opioid	Utopioid		C15H21FN2O
123.02	142.15	265.17107	4.96	4F-U-47931E	Opioid	Utopioid		C15H21FN2O
140.05	125.12	265.17107	4.96	4F-U-47931E	Opioid	Utopioid		C15H21FN2O
220.11	45.06	265.17107	4.96	4F-U-47931E	Opioid	Utopioid		C15H21FN2O
265.17	0.00	265.17107	4.96	4F-U-47931E	Opioid	Utopioid		C15H21FN2O
114.13	147.07	261.1961401	4.68	4-HO-DiPT	Hallucinogen	Tryptamine		C16H24N2O
115.06	146.14	261.1961401	4.68	4-HO-DiPT	Hallucinogen	Tryptamine		C16H24N2O
132.08	129.12	261.1961401	4.68	4-HO-DiPT	Hallucinogen	Tryptamine		C16H24N2O
160.08	101.12	261.1961401	4.68	4-HO-DiPT	Hallucinogen	Tryptamine		C16H24N2O
261.2	0.00	261.1961401	4.68	4-HO-DiPT	Hallucinogen	Tryptamine		C16H24N2O
72.08	147.07	219.14919	3.51	4-HO-MET	Hallucinogen	Tryptamine		C18H23NO2
115.05	104.10	219.14919	3.51	4-HO-MET	Hallucinogen	Tryptamine		C18H23NO2
132.08	87.07	219.14919	3.51	4-HO-MET	Hallucinogen	Tryptamine		C18H23NO2

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
160.08	59.07	219.14919	3.51	4-HO-MET	Hallucinogen	Tryptamine		C18H23NO2
219.15	0.00	219.14919	3.51	4-HO-MET	Hallucinogen	Tryptamine		C18H23NO2
72.08	297.11	369.19212	5.17	4'-hydroxy Nitazene	Opioid	Nitazene	Metabolite	C20H24N4O3
100.11	269.08	369.19212	5.17	4'-hydroxy Nitazene	Opioid	Nitazene	Metabolite	C20H24N4O3
107.05	262.14	369.19212	5.17	4'-hydroxy Nitazene	Opioid	Nitazene	Metabolite	C20H24N4O3
250.11	119.08	369.19212	5.17	4'-hydroxy Nitazene	Opioid	Nitazene	Metabolite	C20H24N4O3
369.19	0.00	369.19212	5.17	4'-hydroxy Nitazene	Opioid	Nitazene	Metabolite	C20H24N4O3
90.04	147.07	237.10561	3.73	4-Hydroxy Xylazine	Opioid	Xylazine	Metabolite	C12H16N2OS
137.08	100.03	237.10561	3.73	4-Hydroxy Xylazine	Opioid	Xylazine	Metabolite	C12H16N2OS
163.09	74.02	237.10561	3.73	4-Hydroxy Xylazine	Opioid	Xylazine	Metabolite	C12H16N2OS
180.05	57.06	237.10561	3.73	4-Hydroxy Xylazine	Opioid	Xylazine	Metabolite	C12H16N2OS
237.11	0.00	237.10561	3.73	4-Hydroxy Xylazine	Opioid	Xylazine	Metabolite	C12H16N2OS
81.07	193.15	274.2165	6.25	4-MeO-PCP	Stimulant	Arylcyclohexylamine		C18H27NO
86.1	188.12	274.2165	6.25	4-MeO-PCP	Stimulant	Arylcyclohexylamine		C18H27NO
121.07	153.15	274.2165	6.25	4-MeO-PCP	Stimulant	Arylcyclohexylamine		C18H27NO
147.08	127.14	274.2165	6.25	4-MeO-PCP	Stimulant	Arylcyclohexylamine		C18H27NO
189.13	85.09	274.2165	6.25	4-MeO-PCP	Stimulant	Arylcyclohexylamine		C18H27NO
274.22	0.00	274.2165	6.25	4-MeO-PCP	Stimulant	Arylcyclohexylamine		C18H27NO
119.07	74.06	193.13354	3.69	4-MeOPP	Stimulant	Piperazine		C11H16N2O
133.05	60.08	193.13354	3.69	4-MeOPP	Stimulant	Piperazine		C11H16N2O
150.09	43.04	193.13354	3.69	4-MeOPP	Stimulant	Piperazine		C11H16N2O
176.11	17.02	193.13354	3.69	4-MeOPP	Stimulant	Piperazine		C11H16N2O
193.13	0.00	193.13354	3.69	4-MeOPP	Stimulant	Piperazine		C11H16N2O
100.11	281.14	381.2536	6.87	4-Methoxybutyryl Fentanyl	Opioid	Fentanyl	Parent	C24H32N2O2
130.16	251.09	381.2536	6.87	4-Methoxybutyryl Fentanyl	Opioid	Fentanyl	Parent	C24H32N2O2
142.16	239.09	381.2536	6.87	4-Methoxybutyryl Fentanyl	Opioid	Fentanyl	Parent	C24H32N2O2
186.22	195.03	381.2536	6.87	4-Methoxybutyryl Fentanyl	Opioid	Fentanyl	Parent	C24H32N2O2
242.28	138.97	381.2536	6.87	4-Methoxybutyryl Fentanyl	Opioid	Fentanyl	Parent	C24H32N2O2
381.25	0.00	381.2536	6.87	4-Methoxybutyryl Fentanyl	Opioid	Fentanyl	Parent	C24H32N2O2
119.09	232.15	351.24309	6.75	4'-Methyl fentanyl	Opioid	Fentanyl	Parent	C23H30N2O
160.11	191.13	351.24309	6.75	4'-Methyl fentanyl	Opioid	Fentanyl	Parent	C23H30N2O
202.16	149.08	351.24309	6.75	4'-Methyl fentanyl	Opioid	Fentanyl	Parent	C23H30N2O
216.14	135.10	351.24309	6.75	4'-Methyl fentanyl	Opioid	Fentanyl	Parent	C23H30N2O
351.24	0.00	351.24309	6.75	4'-Methyl fentanyl	Opioid	Fentanyl	Parent	C23H30N2O
105.07	115.10	220.1696	6.32	4'-Methyl Hexedrone	Stimulant	Cathinone		C14H21NO
131.07	89.10	220.1696	6.32	4'-Methyl Hexedrone	Stimulant	Cathinone		C14H21NO
145.09	75.08	220.1696	6.32	4'-Methyl Hexedrone	Stimulant	Cathinone		C14H21NO
158.1	62.07	220.1696	6.32	4'-Methyl Hexedrone	Stimulant	Cathinone		C14H21NO
202.16	18.01	220.1696	6.32	4'-Methyl Hexedrone	Stimulant	Cathinone		C14H21NO
220.17	0.00	220.1696	6.32	4'-Methyl Hexedrone	Stimulant	Cathinone		C14H21NO
105.07	101.08	206.15394	5.68	4-methyl Pentedrone	Stimulant	Cathinone		C13H19NO
131.07	75.08	206.15394	5.68	4-methyl Pentedrone	Stimulant	Cathinone		C13H19NO
145.09	61.06	206.15394	5.68	4-methyl Pentedrone	Stimulant	Cathinone		C13H19NO
158.1	48.05	206.15394	5.68	4-methyl Pentedrone	Stimulant	Cathinone		C13H19NO
188.14	18.01	206.15394	5.68	4-methyl Pentedrone	Stimulant	Cathinone		C13H19NO
206.15	0.00	206.15394	5.68	4-methyl Pentedrone	Stimulant	Cathinone		C13H19NO

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
56.05	162.08	218.12879	3.02	4-Methylaminoantipyrine	Other Pharma	Non-narcotic analgesic	Cyclooxygenase	C12H15N3O
58.07	160.06	218.12879	3.02	4-Methylaminoantipyrine	Other Pharma	Non-narcotic analgesic	Cyclooxygenase	C12H15N3O
97.08	121.05	218.12879	3.02	4-Methylaminoantipyrine	Other Pharma	Non-narcotic analgesic	Cyclooxygenase	C12H15N3O
159.09	59.04	218.12879	3.02	4-Methylaminoantipyrine	Other Pharma	Non-narcotic analgesic	Cyclooxygenase	C12H15N3O
218.13	0.00	218.12879	3.02	4-Methylaminoantipyrine	Other Pharma	Non-narcotic analgesic	Cyclooxygenase	C12H15N3O
91.06	86.04	177.1022396	4.2	4-Methylaminorex	Stimulant	Performance-Enhancing Drug		C10H12N2O
115.05	62.05	177.1022396	4.2	4-Methylaminorex	Stimulant	Performance-Enhancing Drug		C10H12N2O
117.07	60.03	177.1022396	4.2	4-Methylaminorex	Stimulant	Performance-Enhancing Drug		C10H12N2O
119.07	58.03	177.1022396	4.2	4-Methylaminorex	Stimulant	Performance-Enhancing Drug		C10H12N2O
134.1	43.00	177.1022396	4.2	4-Methylaminorex	Stimulant	Performance-Enhancing Drug		C10H12N2O
177.1	0.00	177.1022396	4.2	4-Methylaminorex	Stimulant	Performance-Enhancing Drug		C10H12N2O
100.11	120.06	220.16959	5.04	4-Methyldiethcathinone	Stimulant	Cathinone		C14H21NO
117.07	103.10	220.16959	5.04	4-Methyldiethcathinone	Stimulant	Cathinone		C14H21NO
119.05	101.12	220.16959	5.04	4-Methyldiethcathinone	Stimulant	Cathinone		C14H21NO
147.08	73.09	220.16959	5.04	4-Methyldiethcathinone	Stimulant	Cathinone		C14H21NO
220.17	0.00	220.16959	5.04	4-Methyldiethcathinone	Stimulant	Cathinone		C14H21NO
119.09	73.05	192.1382908	4.59	4-Methylethcathinone	Stimulant	Cathinone		C12H17NO
131.07	61.07	192.1382908	4.59	4-Methylethcathinone	Stimulant	Cathinone		C12H17NO
144.08	48.06	192.1382908	4.59	4-Methylethcathinone	Stimulant	Cathinone		C12H17NO
145.09	47.05	192.1382908	4.59	4-Methylethcathinone	Stimulant	Cathinone		C12H17NO
146.1	46.04	192.1382908	4.59	4-Methylethcathinone	Stimulant	Cathinone		C12H17NO
192.14	0.00	192.1382908	4.59	4-Methylethcathinone	Stimulant	Cathinone		C12H17NO
56.05	192.11	248.16451	5.69	4-Methylmethylphenidate	Stimulant	Phenethylamine		C15H21NO2
84.08	164.08	248.16451	5.69	4-Methylmethylphenidate	Stimulant	Phenethylamine		C15H21NO2
105.07	143.09	248.16451	5.69	4-Methylmethylphenidate	Stimulant	Phenethylamine		C15H21NO2
188.14	60.02	248.16451	5.69	4-Methylmethylphenidate	Stimulant	Phenethylamine		C15H21NO2
248.16	0.00	248.16451	5.69	4-Methylmethylphenidate	Stimulant	Phenethylamine		C15H21NO2
105.07	115.10	220.16959	5.87	4-Methyl-N-Ethyl Pentedrone	Stimulant	Cathinone		C14H21NO
144.08	76.09	220.16959	5.87	4-Methyl-N-Ethyl Pentedrone	Stimulant	Cathinone		C14H21NO
159.1	61.07	220.16959	5.87	4-Methyl-N-Ethyl Pentedrone	Stimulant	Cathinone		C14H21NO
202.16	18.01	220.16959	5.87	4-Methyl-N-Ethyl Pentedrone	Stimulant	Cathinone		C14H21NO
202.17	18.00	220.16959	5.87	4-Methyl-N-Ethyl Pentedrone	Stimulant	Cathinone		C14H21NO
220.17	0.00	220.16959	5.87	4-Methyl-N-Ethyl Pentedrone	Stimulant	Cathinone		C14H21NO
145.04	202.17	347.20777	6.97	4OH-ADB-BINACA	Synthetic Cannabinoid	Other	Metabolite	C18H26N4O3
199.09	148.12	347.20777	6.97	4OH-ADB-BINACA	Synthetic Cannabinoid	Other	Metabolite	C18H26N4O3
217.1	130.11	347.20777	6.97	4OH-ADB-BINACA	Synthetic Cannabinoid	Other	Metabolite	C18H26N4O3
235.11	112.10	347.20777	6.97	4OH-ADB-BINACA	Synthetic Cannabinoid	Other	Metabolite	C18H26N4O3
302.19	45.02	347.20777	6.97	4OH-ADB-BINACA	Synthetic Cannabinoid	Other	Metabolite	C18H26N4O3
347.21	0.00	347.20777	6.97	4OH-ADB-BINACA	Synthetic Cannabinoid	Other	Metabolite	C18H26N4O3
55.05	306.16	361.21218	8.08	4OH-MDMB-BICA	Synthetic Cannabinoid	Other	Metabolite	C20H28N2O4
73.06	288.15	361.21218	8.08	4OH-MDMB-BICA	Synthetic Cannabinoid	Other	Metabolite	C20H28N2O4
144.04	217.17	361.21218	8.08	4OH-MDMB-BICA	Synthetic Cannabinoid	Other	Metabolite	C20H28N2O4
216.1	145.11	361.21218	8.08	4OH-MDMB-BICA	Synthetic Cannabinoid	Other	Metabolite	C20H28N2O4
361.21	0.00	361.21218	8.08	4OH-MDMB-BICA	Synthetic Cannabinoid	Other	Metabolite	C20H28N2O4
145.04	217.17	362.20743	8.29	4OH-MDMB-BINACA	Synthetic Cannabinoid	Other	Metabolite	C19H27N3O4
175.05	187.16	362.20743	8.29	4OH-MDMB-BINACA	Synthetic Cannabinoid	Other	Metabolite	C19H27N3O4

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
199.09	163.12	362.20743	8.29	4OH-MDMB-BINACA	Synthetic Cannabinoid	Other	Metabolite	C19H27N3O4
217.1	145.11	362.20743	8.29	4OH-MDMB-BINACA	Synthetic Cannabinoid	Other	Metabolite	C19H27N3O4
302.18	60.03	362.20743	8.29	4OH-MDMB-BINACA	Synthetic Cannabinoid	Other	Metabolite	C19H27N3O4
362.21	0.00	362.20743	8.29	4OH-MDMB-BINACA	Synthetic Cannabinoid	Other	Metabolite	C19H27N3O4
105.07	308.19	413.25874	7.55	4-Phenyl Fentanyl	Opioid	Fentanyl	Parent	C28H32N2O
134.1	279.16	413.25874	7.55	4-Phenyl Fentanyl	Opioid	Fentanyl	Parent	C28H32N2O
174.13	239.13	413.25874	7.55	4-Phenyl Fentanyl	Opioid	Fentanyl	Parent	C28H32N2O
264.18	149.08	413.25874	7.55	4-Phenyl Fentanyl	Opioid	Fentanyl	Parent	C28H32N2O
413.26	0.00	413.25874	7.55	4-Phenyl Fentanyl	Opioid	Fentanyl	Parent	C28H32N2O
112.11	239.13	351.24309	7.28	4-Phenyl-U-51754	Opioid	Utopioid		C23H30N2O
167.08	184.16	351.24309	7.28	4-Phenyl-U-51754	Opioid	Utopioid		C23H30N2O
226.12	125.12	351.24309	7.28	4-Phenyl-U-51754	Opioid	Utopioid		C23H30N2O
306.18	45.06	351.24309	7.28	4-Phenyl-U-51754	Opioid	Utopioid		C23H30N2O
351.24	0.00	351.24309	7.28	4-Phenyl-U-51754	Opioid	Utopioid		C23H30N2O
91.06	85.05	176.1069907	4.62	5/6-APB	Stimulant	Benzofuran		C11H13NO
115.05	61.06	176.1069907	4.62	5/6-APB	Stimulant	Benzofuran		C11H13NO
116.06	60.05	176.1069907	4.62	5/6-APB	Stimulant	Benzofuran		C11H13NO
131.05	45.06	176.1069907	4.62	5/6-APB	Stimulant	Benzofuran		C11H13NO
159.08	17.03	176.1069907	4.62	5/6-APB	Stimulant	Benzofuran		C11H13NO
176.11	0.00	176.1069907	4.62	5/6-APB	Stimulant	Benzofuran		C11H13NO
44.05	337.21	381.26489	4.58	5-Aminoisotonitazene	Opioid	Nitazene	Metabolite	C23H32N4O
72.08	309.18	381.26489	4.58	5-Aminoisotonitazene	Opioid	Nitazene	Metabolite	C23H32N4O
100.11	281.15	381.26489	4.58	5-Aminoisotonitazene	Opioid	Nitazene	Metabolite	C23H32N4O
149.06	232.20	381.26489	4.58	5-Aminoisotonitazene	Opioid	Nitazene	Metabolite	C23H32N4O
381.26	0.00	381.26489	4.58	5-Aminoisotonitazene	Opioid	Nitazene	Metabolite	C23H32N4O
381.27	-0.01	381.26489	4.58	5-Aminoisotonitazene	Opioid	Nitazene	Metabolite	C23H32N4O
107.09	337.07	444.1645	11.19	5Br-AKB-48	Synthetic Cannabinoid	Other	Parent	C23H30BrN3O
135.12	309.04	444.1645	11.19	5Br-AKB-48	Synthetic Cannabinoid	Other	Parent	C23H30BrN3O
213.1	231.06	444.1645	11.19	5Br-AKB-48	Synthetic Cannabinoid	Other	Parent	C23H30BrN3O
310.06	134.10	444.1645	11.19	5Br-AKB-48	Synthetic Cannabinoid	Other	Parent	C23H30BrN3O
444.16	0.00	444.1645	11.19	5Br-AKB-48	Synthetic Cannabinoid	Other	Parent	C23H30BrN3O
444.17	-0.01	444.1645	11.19	5Br-AKB-48	Synthetic Cannabinoid	Other	Parent	C23H30BrN3O
145.04	276.05	421.091	10.51	5Br-THJ-018	Synthetic Cannabinoid	Other	Parent	C23H21BrN2O
213.1	207.99	421.091	10.51	5Br-THJ-018	Synthetic Cannabinoid	Other	Parent	C23H21BrN2O
236.97	184.12	421.091	10.51	5Br-THJ-018	Synthetic Cannabinoid	Other	Parent	C23H21BrN2O
293.03	128.06	421.091	10.51	5Br-THJ-018	Synthetic Cannabinoid	Other	Parent	C23H21BrN2O
421.09	0.00	421.091	10.51	5Br-THJ-018	Synthetic Cannabinoid	Other	Parent	C23H21BrN2O
145.04	220.13	365.17388	8.58	5CI-AB-PINACA	Synthetic Cannabinoid	Other	Parent	C18H25ClN4O2
213.1	152.07	365.17388	8.58	5CI-AB-PINACA	Synthetic Cannabinoid	Other	Parent	C18H25ClN4O2
249.08	116.09	365.17388	8.58	5CI-AB-PINACA	Synthetic Cannabinoid	Other	Parent	C18H25ClN4O2
320.15	45.02	365.17388	8.58	5CI-AB-PINACA	Synthetic Cannabinoid	Other	Parent	C18H25ClN4O2
348.15	17.02	365.17388	8.58	5CI-AB-PINACA	Synthetic Cannabinoid	Other	Parent	C18H25ClN4O2
365.17	0.00	365.17388	8.58	5CI-AB-PINACA	Synthetic Cannabinoid	Other	Parent	C18H25ClN4O2
79.05	321.17	400.21502	11	5CI-AKB-48	Synthetic Cannabinoid	Other	Parent	C23H30ClN3O
93.07	307.15	400.21502	11	5CI-AKB-48	Synthetic Cannabinoid	Other	Parent	C23H30ClN3O
107.08	293.14	400.21502	11	5CI-AKB-48	Synthetic Cannabinoid	Other	Parent	C23H30ClN3O

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
135.12	265.10	400.21502	11	5CI-AKB-48	Synthetic Cannabinoid	Other	Parent	C23H30CIN3O
400.21	0.01	400.21502	11	5CI-AKB-48	Synthetic Cannabinoid	Other	Parent	C23H30CIN3O
400.22	0.00	400.21502	11	5CI-AKB-48	Synthetic Cannabinoid	Other	Parent	C23H30CIN3O
116.05	263.13	379.1783	9.34	5CI-AMB-PICA	Synthetic Cannabinoid	Other	Parent	C20H27CIN2O3
144.04	235.14	379.1783	9.34	5CI-AMB-PICA	Synthetic Cannabinoid	Other	Parent	C20H27CIN2O3
212.11	167.07	379.1783	9.34	5CI-AMB-PICA	Synthetic Cannabinoid	Other	Parent	C20H27CIN2O3
248.08	131.10	379.1783	9.34	5CI-AMB-PICA	Synthetic Cannabinoid	Other	Parent	C20H27CIN2O3
379.18	0.00	379.1783	9.34	5CI-AMB-PICA	Synthetic Cannabinoid	Other	Parent	C20H27CIN2O3
69.07	324.12	393.19395	9.72	5CI-MDMB-PICA	Synthetic Cannabinoid	Other	Parent	C21H29CIN2O3
144.04	249.15	393.19395	9.72	5CI-MDMB-PICA	Synthetic Cannabinoid	Other	Parent	C21H29CIN2O3
212.11	181.08	393.19395	9.72	5CI-MDMB-PICA	Synthetic Cannabinoid	Other	Parent	C21H29CIN2O3
248.08	145.11	393.19395	9.72	5CI-MDMB-PICA	Synthetic Cannabinoid	Other	Parent	C21H29CIN2O3
393.19	0.00	393.19395	9.72	5CI-MDMB-PICA	Synthetic Cannabinoid	Other	Parent	C21H29CIN2O3
145.04	232.10	377.14152	10.39	5CI-THJ-018	Synthetic Cannabinoid	Other	Parent	C23H21CIN2O
193.02	184.12	377.14152	10.39	5CI-THJ-018	Synthetic Cannabinoid	Other	Parent	C23H21CIN2O
213.1	164.04	377.14152	10.39	5CI-THJ-018	Synthetic Cannabinoid	Other	Parent	C23H21CIN2O
249.08	128.06	377.14152	10.39	5CI-THJ-018	Synthetic Cannabinoid	Other	Parent	C23H21CIN2O
377.14	0.00	377.14152	10.39	5CI-THJ-018	Synthetic Cannabinoid	Other	Parent	C23H21CIN2O
79.05	289.19	368.23842	10.55	5F JWH-018 Adamantyl Analogue	Synthetic Cannabinoid	Other	Parent	C24H30FNO
93.07	275.17	368.23842	10.55	5F JWH-018 Adamantyl Analogue	Synthetic Cannabinoid	Other	Parent	C24H30FNO
107.08	261.16	368.23842	10.55	5F JWH-018 Adamantyl Analogue	Synthetic Cannabinoid	Other	Parent	C24H30FNO
135.12	233.12	368.23842	10.55	5F JWH-018 Adamantyl Analogue	Synthetic Cannabinoid	Other	Parent	C24H30FNO
368.24	0.00	368.23842	10.55	5F JWH-018 Adamantyl Analogue	Synthetic Cannabinoid	Other	Parent	C24H30FNO
117.04	261.12	378.16123	8.93	5F-7-QUPAIC	Synthetic Cannabinoid	Other	Parent	C22H20FN3O2
145.04	233.12	378.16123	8.93	5F-7-QUPAIC	Synthetic Cannabinoid	Other	Parent	C22H20FN3O2
233.11	145.05	378.16123	8.93	5F-7-QUPAIC	Synthetic Cannabinoid	Other	Parent	C22H20FN3O2
358.16	20.00	378.16123	8.93	5F-7-QUPAIC	Synthetic Cannabinoid	Other	Parent	C22H20FN3O2
378.16	0.00	378.16123	8.93	5F-7-QUPAIC	Synthetic Cannabinoid	Other	Parent	C22H20FN3O2
189.05	204.16	393.20966	8.7	5F-AB-FUPPYCA	Synthetic Cannabinoid	Other	Parent	C20H26F2N4O2
260.12	133.09	393.20966	8.7	5F-AB-FUPPYCA	Synthetic Cannabinoid	Other	Parent	C20H26F2N4O2
277.12	116.09	393.20966	8.7	5F-AB-FUPPYCA	Synthetic Cannabinoid	Other	Parent	C20H26F2N4O2
348.19	45.02	393.20966	8.7	5F-AB-FUPPYCA	Synthetic Cannabinoid	Other	Parent	C20H26F2N4O2
393.21	0.00	393.20966	8.7	5F-AB-FUPPYCA	Synthetic Cannabinoid	Other	Parent	C20H26F2N4O2
116.05	232.16	348.20818	7.89	5F-ABICA	Synthetic Cannabinoid	Other	Parent	C19H26FN3O2
144.04	204.17	348.20818	7.89	5F-ABICA	Synthetic Cannabinoid	Other	Parent	C19H26FN3O2
232.11	116.10	348.20818	7.89	5F-ABICA	Synthetic Cannabinoid	Other	Parent	C19H26FN3O2
331.18	17.03	348.20818	7.89	5F-ABICA	Synthetic Cannabinoid	Other	Parent	C19H26FN3O2
348.21	0.00	348.20818	7.89	5F-ABICA	Synthetic Cannabinoid	Other	Parent	C19H26FN3O2
145.04	233.18	378.21875	9.62	5F-ADB	Synthetic Cannabinoid	Other	Parent	C20H28FN3O3
177.05	201.17	378.21875	9.62	5F-ADB	Synthetic Cannabinoid	Other	Parent	C20H28FN3O3
213.1	165.12	378.21875	9.62	5F-ADB	Synthetic Cannabinoid	Other	Parent	C20H28FN3O3
233.11	145.11	378.21875	9.62	5F-ADB	Synthetic Cannabinoid	Other	Parent	C20H28FN3O3
318.2	60.02	378.21875	9.62	5F-ADB	Synthetic Cannabinoid	Other	Parent	C20H28FN3O3
378.22	0.00	378.21875	9.62	5F-ADB	Synthetic Cannabinoid	Other	Parent	C20H28FN3O3
145.04	219.16	364.2031	9	5F-ADB 3,3-Dimethylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C19H26FN3O3
213.1	151.10	364.2031	9	5F-ADB 3,3-Dimethylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C19H26FN3O3

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
233.11	131.09	364.2031	9	5F-ADB 3,3-Dimethylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C19H26FN3O3
318.2	46.00	364.2031	9	5F-ADB 3,3-Dimethylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C19H26FN3O3
364.2	0.00	364.2031	9	5F-ADB 3,3-Dimethylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C19H26FN3O3
116.05	246.17	362.2238322	8.25	5F-ADBICA	Synthetic Cannabinoid	Other	Parent	C20H28FN3O2
144.04	218.18	362.2238322	8.25	5F-ADBICA	Synthetic Cannabinoid	Other	Parent	C20H28FN3O2
232.11	130.11	362.2238322	8.25	5F-ADBICA	Synthetic Cannabinoid	Other	Parent	C20H28FN3O2
317.2	45.02	362.2238322	8.25	5F-ADBICA	Synthetic Cannabinoid	Other	Parent	C20H28FN3O2
345.2	17.02	362.2238322	8.25	5F-ADBICA	Synthetic Cannabinoid	Other	Parent	C20H28FN3O2
362.22	0.00	362.2238322	8.25	5F-ADBICA	Synthetic Cannabinoid	Other	Parent	C20H28FN3O2
177.05	186.17	363.2190811	8.41	5F-ADB-PINACA	Synthetic Cannabinoid	Other	Parent	C19H27FN4O2
213.1	150.12	363.2190811	8.41	5F-ADB-PINACA	Synthetic Cannabinoid	Other	Parent	C19H27FN4O2
233.11	130.11	363.2190811	8.41	5F-ADB-PINACA	Synthetic Cannabinoid	Other	Parent	C19H27FN4O2
318.2	45.02	363.2190811	8.41	5F-ADB-PINACA	Synthetic Cannabinoid	Other	Parent	C19H27FN4O2
346.19	17.03	363.2190811	8.41	5F-ADB-PINACA	Synthetic Cannabinoid	Other	Parent	C19H27FN4O2
363.22	0.00	363.2190811	8.41	5F-ADB-PINACA	Synthetic Cannabinoid	Other	Parent	C19H27FN4O2
145.04	233.18	378.21875	9.6	5F-AEB	Synthetic Cannabinoid	Other	Parent	C20H28FN3O3
177.05	201.17	378.21875	9.6	5F-AEB	Synthetic Cannabinoid	Other	Parent	C20H28FN3O3
213.1	165.12	378.21875	9.6	5F-AEB	Synthetic Cannabinoid	Other	Parent	C20H28FN3O3
233.11	145.11	378.21875	9.6	5F-AEB	Synthetic Cannabinoid	Other	Parent	C20H28FN3O3
304.18	74.04	378.21875	9.6	5F-AEB	Synthetic Cannabinoid	Other	Parent	C20H28FN3O3
378.22	0.00	378.21875	9.6	5F-AEB	Synthetic Cannabinoid	Other	Parent	C20H28FN3O3
79.06	305.18	384.2445676	10.56	5F-AKB48 (5F-APINACA)	Synthetic Cannabinoid	Other	Parent	C23H30FN3O
93.07	291.17	384.2445676	10.56	5F-AKB48 (5F-APINACA)	Synthetic Cannabinoid	Other	Parent	C23H30FN3O
107.09	277.15	384.2445676	10.56	5F-AKB48 (5F-APINACA)	Synthetic Cannabinoid	Other	Parent	C23H30FN3O
135.12	249.12	384.2445676	10.56	5F-AKB48 (5F-APINACA)	Synthetic Cannabinoid	Other	Parent	C23H30FN3O
384.24	0.00	384.2445676	10.56	5F-AKB48 (5F-APINACA)	Synthetic Cannabinoid	Other	Parent	C23H30FN3O
145.04	219.16	364.2031	9.23	5F-AMB	Synthetic Cannabinoid	Other	Parent	C19H26FN3O3
177.05	187.15	364.2031	9.23	5F-AMB	Synthetic Cannabinoid	Other	Parent	C19H26FN3O3
213.1	151.10	364.2031	9.23	5F-AMB	Synthetic Cannabinoid	Other	Parent	C19H26FN3O3
233.11	131.09	364.2031	9.23	5F-AMB	Synthetic Cannabinoid	Other	Parent	C19H26FN3O3
304.18	60.02	364.2031	9.23	5F-AMB	Synthetic Cannabinoid	Other	Parent	C19H26FN3O3
364.2	0.00	364.2031	9.23	5F-AMB	Synthetic Cannabinoid	Other	Parent	C19H26FN3O3
145.04	205.15	350.18745	8.58	5F-AMB 3-Methylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C18H24FN3O3
213.1	137.09	350.18745	8.58	5F-AMB 3-Methylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C18H24FN3O3
233.11	117.08	350.18745	8.58	5F-AMB 3-Methylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C18H24FN3O3
304.18	46.01	350.18745	8.58	5F-AMB 3-Methylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C18H24FN3O3
350.19	0.00	350.18745	8.58	5F-AMB 3-Methylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C18H24FN3O3
79.05	306.18	385.22858	10.97	5F-APINAC	Synthetic Cannabinoid	Other	Parent	C23H29FN2O2
93.07	292.16	385.22858	10.97	5F-APINAC	Synthetic Cannabinoid	Other	Parent	C23H29FN2O2
107.09	278.14	385.22858	10.97	5F-APINAC	Synthetic Cannabinoid	Other	Parent	C23H29FN2O2
135.12	250.11	385.22858	10.97	5F-APINAC	Synthetic Cannabinoid	Other	Parent	C23H29FN2O2
385.23	0.00	385.22858	10.97	5F-APINAC	Synthetic Cannabinoid	Other	Parent	C23H29FN2O2
116.05	292.19	408.24457	7.15	5F-BEPIRAPIM	Synthetic Cannabinoid	Other	Parent	C25H30FN3O
144.04	264.20	408.24457	7.15	5F-BEPIRAPIM	Synthetic Cannabinoid	Other	Parent	C25H30FN3O
212.11	196.13	408.24457	7.15	5F-BEPIRAPIM	Synthetic Cannabinoid	Other	Parent	C25H30FN3O
232.11	176.13	408.24457	7.15	5F-BEPIRAPIM	Synthetic Cannabinoid	Other	Parent	C25H30FN3O

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
408.24	0.00	408.24457	7.15	5F-BEPIRAPIM	Synthetic Cannabinoid	Other	Parent	C25H30FN3O
51.02	303.14	354.16123	9.31	5F-BZO-POXIZID	Synthetic Cannabinoid	Other	Parent	C20H20FN3O2
77.04	277.12	354.16123	9.31	5F-BZO-POXIZID	Synthetic Cannabinoid	Other	Parent	C20H20FN3O2
105.03	249.13	354.16123	9.31	5F-BZO-POXIZID	Synthetic Cannabinoid	Other	Parent	C20H20FN3O2
326.16	28.00	354.16123	9.31	5F-BZO-POXIZID	Synthetic Cannabinoid	Other	Parent	C20H20FN3O2
354.16	0.00	354.16123	9.31	5F-BZO-POXIZID	Synthetic Cannabinoid	Other	Parent	C20H20FN3O2
119.08	249.13	368.21327	8.81	5F-CUMYL-P7AICA	Synthetic Cannabinoid	Other	Parent	C22H26FN3O
207.13	161.08	368.21327	8.81	5F-CUMYL-P7AICA	Synthetic Cannabinoid	Other	Parent	C22H26FN3O
233.11	135.10	368.21327	8.81	5F-CUMYL-P7AICA	Synthetic Cannabinoid	Other	Parent	C22H26FN3O
250.14	118.07	368.21327	8.81	5F-CUMYL-P7AICA	Synthetic Cannabinoid	Other	Parent	C22H26FN3O
368.21	0.00	368.21327	8.81	5F-CUMYL-P7AICA	Synthetic Cannabinoid	Other	Parent	C22H26FN3O
91.05	300.17	391.21802	9.43	5F-CUMYL-PeGACLONE	Synthetic Cannabinoid	Other	Parent	C25H27FN2O
119.09	272.13	391.21802	9.43	5F-CUMYL-PeGACLONE	Synthetic Cannabinoid	Other	Parent	C25H27FN2O
185.07	206.15	391.21802	9.43	5F-CUMYL-PeGACLONE	Synthetic Cannabinoid	Other	Parent	C25H27FN2O
253.13	138.09	391.21802	9.43	5F-CUMYL-PeGACLONE	Synthetic Cannabinoid	Other	Parent	C25H27FN2O
273.14	118.08	391.21802	9.43	5F-CUMYL-PeGACLONE	Synthetic Cannabinoid	Other	Parent	C25H27FN2O
391.22	0.00	391.21802	9.43	5F-CUMYL-PeGACLONE	Synthetic Cannabinoid	Other	Parent	C25H27FN2O
119.09	248.13	367.21802	9.37	5F-CUMYL-PICA	Synthetic Cannabinoid	Other	Parent	C23H27FN2O
206.14	161.08	367.21802	9.37	5F-CUMYL-PICA	Synthetic Cannabinoid	Other	Parent	C23H27FN2O
232.14	135.08	367.21802	9.37	5F-CUMYL-PICA	Synthetic Cannabinoid	Other	Parent	C23H27FN2O
249.14	118.08	367.21802	9.37	5F-CUMYL-PICA	Synthetic Cannabinoid	Other	Parent	C23H27FN2O
367.22	0.00	367.21802	9.37	5F-CUMYL-PICA	Synthetic Cannabinoid	Other	Parent	C23H27FN2O
119.09	249.12	368.21327	9.73	5F-CUMYL-PINACA	Synthetic Cannabinoid	Other	Parent	C22H26FN3O
145.04	223.17	368.21327	9.73	5F-CUMYL-PINACA	Synthetic Cannabinoid	Other	Parent	C22H26FN3O
177.05	191.16	368.21327	9.73	5F-CUMYL-PINACA	Synthetic Cannabinoid	Other	Parent	C22H26FN3O
213.1	155.11	368.21327	9.73	5F-CUMYL-PINACA	Synthetic Cannabinoid	Other	Parent	C22H26FN3O
233.11	135.10	368.21327	9.73	5F-CUMYL-PINACA	Synthetic Cannabinoid	Other	Parent	C22H26FN3O
368.21	0.00	368.21327	9.73	5F-CUMYL-PINACA	Synthetic Cannabinoid	Other	Parent	C22H26FN3O
144.04	247.20	391.23915	9.67	5F-EDMB-PICA	Synthetic Cannabinoid	Other	Parent	C22H31FN2O3
212.11	179.13	391.23915	9.67	5F-EDMB-PICA	Synthetic Cannabinoid	Other	Parent	C22H31FN2O3
232.11	159.13	391.23915	9.67	5F-EDMB-PICA	Synthetic Cannabinoid	Other	Parent	C22H31FN2O3
345.2	46.04	391.23915	9.67	5F-EDMB-PICA	Synthetic Cannabinoid	Other	Parent	C22H31FN2O3
391.24	0.00	391.23915	9.67	5F-EDMB-PICA	Synthetic Cannabinoid	Other	Parent	C22H31FN2O3
145.04	247.19	392.2344	9.92	5F-EDMB-PINACA	Synthetic Cannabinoid	Other	Parent	C21H30FN3O3
213.1	179.13	392.2344	9.92	5F-EDMB-PINACA	Synthetic Cannabinoid	Other	Parent	C21H30FN3O3
233.11	159.12	392.2344	9.92	5F-EDMB-PINACA	Synthetic Cannabinoid	Other	Parent	C21H30FN3O3
318.2	74.03	392.2344	9.92	5F-EDMB-PINACA	Synthetic Cannabinoid	Other	Parent	C21H30FN3O3
392.23	0.00	392.2344	9.92	5F-EDMB-PINACA	Synthetic Cannabinoid	Other	Parent	C21H30FN3O3
116.05	261.17	377.2235	9.29	5F-EMB-PICA	Synthetic Cannabinoid	Other	Parent	C21H29FN2O3
144.04	233.18	377.2235	9.29	5F-EMB-PICA	Synthetic Cannabinoid	Other	Parent	C21H29FN2O3
212.11	165.11	377.2235	9.29	5F-EMB-PICA	Synthetic Cannabinoid	Other	Parent	C21H29FN2O3
232.11	145.11	377.2235	9.29	5F-EMB-PICA	Synthetic Cannabinoid	Other	Parent	C21H29FN2O3
377.22	0.00	377.2235	9.29	5F-EMB-PICA	Synthetic Cannabinoid	Other	Parent	C21H29FN2O3
177.05	172.15	349.20343	8.03	5-fluoro AB-PINACA	Synthetic Cannabinoid	Other	Parent	C18H25FN4O2
213.1	136.10	349.20343	8.03	5-fluoro AB-PINACA	Synthetic Cannabinoid	Other	Parent	C18H25FN4O2
233.11	116.09	349.20343	8.03	5-fluoro AB-PINACA	Synthetic Cannabinoid	Other	Parent	C18H25FN4O2

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
304.18	45.02	349.20343	8.03	5-fluoro AB-PINACA	Synthetic Cannabinoid	Other	Parent	C18H25FN4O2
332.18	17.02	349.20343	8.03	5-fluoro AB-PINACA	Synthetic Cannabinoid	Other	Parent	C18H25FN4O2
349.2	0.00	349.20343	8.03	5-fluoro AB-PINACA	Synthetic Cannabinoid	Other	Parent	C18H25FN4O2
132.08	171.11	303.18672	8.42	5-fluoro CYPICA	Synthetic Cannabinoid	Other	Parent	C18H23FN2O
144.04	159.15	303.18672	8.42	5-fluoro CYPICA	Synthetic Cannabinoid	Other	Parent	C18H23FN2O
206.13	97.06	303.18672	8.42	5-fluoro CYPICA	Synthetic Cannabinoid	Other	Parent	C18H23FN2O
232.11	71.08	303.18672	8.42	5-fluoro CYPICA	Synthetic Cannabinoid	Other	Parent	C18H23FN2O
303.19	0.00	303.18672	8.42	5-fluoro CYPICA	Synthetic Cannabinoid	Other	Parent	C18H23FN2O
55.05	248.14	303.18672	8.32	5-fluoro PY-PICA	Synthetic Cannabinoid	Other	Parent	C18H23FN2O
98.06	205.13	303.18672	8.32	5-fluoro PY-PICA	Synthetic Cannabinoid	Other	Parent	C18H23FN2O
144.04	159.15	303.18672	8.32	5-fluoro PY-PICA	Synthetic Cannabinoid	Other	Parent	C18H23FN2O
232.11	71.08	303.18672	8.32	5-fluoro PY-PICA	Synthetic Cannabinoid	Other	Parent	C18H23FN2O
303.19	0.00	303.18672	8.32	5-fluoro PY-PICA	Synthetic Cannabinoid	Other	Parent	C18H23FN2O
144.04	167.12	311.15542	8.2	5-Fluoropentyl-3-pyridinoylindole	Synthetic Cannabinoid	Other	Parent	C19H19FN2O
223.09	88.07	311.15542	8.2	5-Fluoropentyl-3-pyridinoylindole	Synthetic Cannabinoid	Other	Parent	C19H19FN2O
235.09	76.07	311.15542	8.2	5-Fluoropentyl-3-pyridinoylindole	Synthetic Cannabinoid	Other	Parent	C19H19FN2O
291.15	20.01	311.15542	8.2	5-Fluoropentyl-3-pyridinoylindole	Synthetic Cannabinoid	Other	Parent	C19H19FN2O
311.16	0.00	311.15542	8.2	5-Fluoropentyl-3-pyridinoylindole	Synthetic Cannabinoid	Other	Parent	C19H19FN2O
145.04	233.18	378.21875	8.7	5F-MDMB-P7AICA	Synthetic Cannabinoid	Other	Parent	C20H28FN3O3
233.11	145.11	378.21875	8.7	5F-MDMB-P7AICA	Synthetic Cannabinoid	Other	Parent	C20H28FN3O3
318.2	60.02	378.21875	8.7	5F-MDMB-P7AICA	Synthetic Cannabinoid	Other	Parent	C20H28FN3O3
378.22	0.00	378.21875	8.7	5F-MDMB-P7AICA	Synthetic Cannabinoid	Other	Parent	C20H28FN3O3
385.21	-6.99	378.21875	8.7	5F-MDMB-P7AICA	Synthetic Cannabinoid	Other	Parent	C20H28FN3O3
116.05	261.17	377.2235	9.33	5F-MDMB-PICA	Synthetic Cannabinoid	Other	Parent	C21H29FN2O3
144.05	233.17	377.2235	9.33	5F-MDMB-PICA	Synthetic Cannabinoid	Other	Parent	C21H29FN2O3
158.06	219.16	377.2235	9.33	5F-MDMB-PICA	Synthetic Cannabinoid	Other	Parent	C21H29FN2O3
232.12	145.10	377.2235	9.33	5F-MDMB-PICA	Synthetic Cannabinoid	Other	Parent	C21H29FN2O3
377.22	0.00	377.2235	9.33	5F-MDMB-PICA	Synthetic Cannabinoid	Other	Parent	C21H29FN2O3
377.23	-0.01	377.2235	9.33	5F-MDMB-PICA	Synthetic Cannabinoid	Other	Parent	C21H29FN2O3
116.05	247.16	363.20785	8.74	5F-MDMB-PICA 3,3-Dimethylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C20H27FN2O3
144.04	219.17	363.20785	8.74	5F-MDMB-PICA 3,3-Dimethylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C20H27FN2O3
212.11	151.10	363.20785	8.74	5F-MDMB-PICA 3,3-Dimethylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C20H27FN2O3
232.11	131.10	363.20785	8.74	5F-MDMB-PICA 3,3-Dimethylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C20H27FN2O3
363.21	0.00	363.20785	8.74	5F-MDMB-PICA 3,3-Dimethylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C20H27FN2O3
145.04	231.14	376.18197	9.99	5F-MN-18	Synthetic Cannabinoid	Other	Parent	C23H22FN3O
177.05	199.13	376.18197	9.99	5F-MN-18	Synthetic Cannabinoid	Other	Parent	C23H22FN3O
213.1	163.08	376.18197	9.99	5F-MN-18	Synthetic Cannabinoid	Other	Parent	C23H22FN3O
233.11	143.07	376.18197	9.99	5F-MN-18	Synthetic Cannabinoid	Other	Parent	C23H22FN3O
376.18	0.00	376.18197	9.99	5F-MN-18	Synthetic Cannabinoid	Other	Parent	C23H22FN3O
116.05	295.16	411.20785	9.16	5F-MPP-PICA	Synthetic Cannabinoid	Other	Parent	C24H27FN2O3
144.04	267.17	411.20785	9.16	5F-MPP-PICA	Synthetic Cannabinoid	Other	Parent	C24H27FN2O3
212.11	199.10	411.20785	9.16	5F-MPP-PICA	Synthetic Cannabinoid	Other	Parent	C24H27FN2O3
232.11	179.10	411.20785	9.16	5F-MPP-PICA	Synthetic Cannabinoid	Other	Parent	C24H27FN2O3
411.21	0.00	411.20785	9.16	5F-MPP-PICA	Synthetic Cannabinoid	Other	Parent	C24H27FN2O3
116.05	259.14	375.18672	9.27	5F-NNEI	Synthetic Cannabinoid	Other	Parent	C24H23FN2O
144.04	231.15	375.18672	9.27	5F-NNEI	Synthetic Cannabinoid	Other	Parent	C24H23FN2O



Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
206.13	169.06	375.18672	9.27	5F-NNEI	Synthetic Cannabinoid	Other	Parent	C24H23FN2O
232.11	143.08	375.18672	9.27	5F-NNEI	Synthetic Cannabinoid	Other	Parent	C24H23FN2O
375.19	0.00	375.18672	9.27	5F-NNEI	Synthetic Cannabinoid	Other	Parent	C24H23FN2O
145.04	233.12	378.16123	9.17	5F-NPB-22	Synthetic Cannabinoid	Other	Parent	C22H20FN3O2
177.05	201.11	378.16123	9.17	5F-NPB-22	Synthetic Cannabinoid	Other	Parent	C22H20FN3O2
213.1	165.06	378.16123	9.17	5F-NPB-22	Synthetic Cannabinoid	Other	Parent	C22H20FN3O2
233.11	145.05	378.16123	9.17	5F-NPB-22	Synthetic Cannabinoid	Other	Parent	C22H20FN3O2
378.16	0.00	378.16123	9.17	5F-NPB-22	Synthetic Cannabinoid	Other	Parent	C22H20FN3O2
145.04	106.08	251.11903	7.4	5F-NPB-22 3-Carboxyindazole	Synthetic Cannabinoid	Other	Metabolite	C13H15FN2O2
149.02	102.10	251.11903	7.4	5F-NPB-22 3-Carboxyindazole	Synthetic Cannabinoid	Other	Metabolite	C13H15FN2O2
177.05	74.07	251.11903	7.4	5F-NPB-22 3-Carboxyindazole	Synthetic Cannabinoid	Other	Metabolite	C13H15FN2O2
213.1	38.02	251.11903	7.4	5F-NPB-22 3-Carboxyindazole	Synthetic Cannabinoid	Other	Metabolite	C13H15FN2O2
233.11	18.01	251.11903	7.4	5F-NPB-22 3-Carboxyindazole	Synthetic Cannabinoid	Other	Metabolite	C13H15FN2O2
251.12	0.00	251.11903	7.4	5F-NPB-22 3-Carboxyindazole	Synthetic Cannabinoid	Other	Metabolite	C13H15FN2O2
116.05	261.12	377.166	9.41	5F-PB-22 (5-fluoro QUPIC)	Synthetic Cannabinoid	Other	Parent	C23H21FN2O2
144.04	233.13	377.166	9.41	5F-PB-22 (5-fluoro QUPIC)	Synthetic Cannabinoid	Other	Parent	C23H21FN2O2
158.06	219.11	377.166	9.41	5F-PB-22 (5-fluoro QUPIC)	Synthetic Cannabinoid	Other	Parent	C23H21FN2O2
232.11	145.06	377.166	9.41	5F-PB-22 (5-fluoro QUPIC)	Synthetic Cannabinoid	Other	Parent	C23H21FN2O2
377.17	0.00	377.166	9.41	5F-PB-22 (5-fluoro QUPIC)	Synthetic Cannabinoid	Other	Parent	C23H21FN2O2
118.06	132.06	250.12378	7.89	5F-PB-22 3-Carboxyindole	Synthetic Cannabinoid	Other	Metabolite	C14H16FNO2
130.06	120.06	250.12378	7.89	5F-PB-22 3-Carboxyindole	Synthetic Cannabinoid	Other	Metabolite	C14H16FNO2
132.08	118.04	250.12378	7.89	5F-PB-22 3-Carboxyindole	Synthetic Cannabinoid	Other	Metabolite	C14H16FNO2
206.13	43.99	250.12378	7.89	5F-PB-22 3-Carboxyindole	Synthetic Cannabinoid	Other	Metabolite	C14H16FNO2
250.12	0.00	250.12378	7.89	5F-PB-22 3-Carboxyindole	Synthetic Cannabinoid	Other	Metabolite	C14H16FNO2
145.04	231.14	376.18197	6.8	5F-PCN	Synthetic Cannabinoid	Other	Parent	C23H22FN3O
233.11	143.07	376.18197	6.8	5F-PCN	Synthetic Cannabinoid	Other	Parent	C23H22FN3O
288.11	88.07	376.18197	6.8	5F-PCN	Synthetic Cannabinoid	Other	Parent	C23H22FN3O
356.17	20.01	376.18197	6.8	5F-PCN	Synthetic Cannabinoid	Other	Parent	C23H22FN3O
376.18	0.00	376.18197	6.8	5F-PCN	Synthetic Cannabinoid	Other	Parent	C23H22FN3O
145.04	159.14	304.18197	8.66	5F-PY-PINACA	Synthetic Cannabinoid	Other	Parent	C17H22FN3O
177.05	127.13	304.18197	8.66	5F-PY-PINACA	Synthetic Cannabinoid	Other	Parent	C17H22FN3O
213.1	91.08	304.18197	8.66	5F-PY-PINACA	Synthetic Cannabinoid	Other	Parent	C17H22FN3O
233.11	71.07	304.18197	8.66	5F-PY-PINACA	Synthetic Cannabinoid	Other	Parent	C17H22FN3O
304.18	0.00	304.18197	8.66	5F-PY-PINACA	Synthetic Cannabinoid	Other	Parent	C17H22FN3O
69.07	308.10	377.16598	10.12	5F-SDB-005	Synthetic Cannabinoid	Other	Parent	C23H21FN2O2
145.04	232.13	377.16598	10.12	5F-SDB-005	Synthetic Cannabinoid	Other	Parent	C23H21FN2O2
177.05	200.12	377.16598	10.12	5F-SDB-005	Synthetic Cannabinoid	Other	Parent	C23H21FN2O2
213.1	164.07	377.16598	10.12	5F-SDB-005	Synthetic Cannabinoid	Other	Parent	C23H21FN2O2
233.11	144.06	377.16598	10.12	5F-SDB-005	Synthetic Cannabinoid	Other	Parent	C23H21FN2O2
377.17	0.00	377.16598	10.12	5F-SDB-005	Synthetic Cannabinoid	Other	Parent	C23H21FN2O2
132.08	207.11	339.18672	8.84	5F-SDB-006	Synthetic Cannabinoid	Other	Parent	C21H23FN2O
144.04	195.15	339.18672	8.84	5F-SDB-006	Synthetic Cannabinoid	Other	Parent	C21H23FN2O
206.13	133.06	339.18672	8.84	5F-SDB-006	Synthetic Cannabinoid	Other	Parent	C21H23FN2O
232.11	107.08	339.18672	8.84	5F-SDB-006	Synthetic Cannabinoid	Other	Parent	C21H23FN2O
339.19	0.00	339.18672	8.84	5F-SDB-006	Synthetic Cannabinoid	Other	Parent	C21H23FN2O
145.04	232.14	377.17722	10.4	5F-THJ	Synthetic Cannabinoid	Other	Parent	C22H21FN4O

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
213.1	164.08	377.17722	10.4	5F-THJ	Synthetic Cannabinoid	Other	Parent	C22H21FN4O
233.11	144.07	377.17722	10.4	5F-THJ	Synthetic Cannabinoid	Other	Parent	C22H21FN4O
359.17	18.01	377.17722	10.4	5F-THJ	Synthetic Cannabinoid	Other	Parent	C22H21FN4O
377.18	0.00	377.17722	10.4	5F-THJ	Synthetic Cannabinoid	Other	Parent	C22H21FN4O
103.05	72.07	175.1229751	3.77	5-IT	Stimulant	Amphetamine		C11H14N2
117.06	58.06	175.1229751	3.77	5-IT	Stimulant	Amphetamine		C11H14N2
130.06	45.06	175.1229751	3.77	5-IT	Stimulant	Amphetamine		C11H14N2
143.07	32.05	175.1229751	3.77	5-IT	Stimulant	Amphetamine		C11H14N2
158.1	17.02	175.1229751	3.77	5-IT	Stimulant	Amphetamine		C11H14N2
175.12	0.00	175.1229751	3.77	5-IT	Stimulant	Amphetamine		C11H14N2
91.05	99.07	190.12264	4.73	5-MAPB	Stimulant	Benzofuran		C12H15NO
103.05	87.07	190.12264	4.73	5-MAPB	Stimulant	Benzofuran		C12H15NO
116.06	74.06	190.12264	4.73	5-MAPB	Stimulant	Benzofuran		C12H15NO
131.05	59.07	190.12264	4.73	5-MAPB	Stimulant	Benzofuran		C12H15NO
159.08	31.04	190.12264	4.73	5-MAPB	Stimulant	Benzofuran		C12H15NO
190.12	0.00	190.12264	4.73	5-MAPB	Stimulant	Benzofuran		C12H15NO
44.05	203.13	247.18049	4.76	5-MeO MiPT	Hallucinogen	Tryptamine		C15H22N2O
86.1	161.08	247.18049	4.76	5-MeO MiPT	Hallucinogen	Tryptamine		C15H22N2O
143.07	104.11	247.18049	4.76	5-MeO MiPT	Hallucinogen	Tryptamine		C15H22N2O
159.07	88.11	247.18049	4.76	5-MeO MiPT	Hallucinogen	Tryptamine		C15H22N2O
174.09	73.09	247.18049	4.76	5-MeO MiPT	Hallucinogen	Tryptamine		C15H22N2O
247.18	0.00	247.18049	4.76	5-MeO MiPT	Hallucinogen	Tryptamine		C15H22N2O
130.07	75.06	205.1335398	4.29	5-MeO-Amt	Hallucinogen	Tryptamine		C12H16N2O
132.04	73.09	205.1335398	4.29	5-MeO-Amt	Hallucinogen	Tryptamine		C12H16N2O
147.07	58.06	205.1335398	4.29	5-MeO-Amt	Hallucinogen	Tryptamine		C12H16N2O
173.08	32.05	205.1335398	4.29	5-MeO-Amt	Hallucinogen	Tryptamine		C12H16N2O
188.11	17.02	205.1335398	4.29	5-MeO-Amt	Hallucinogen	Tryptamine		C12H16N2O
205.13	0.00	205.1335398	4.29	5-MeO-Amt	Hallucinogen	Tryptamine		C12H16N2O
110.1	161.08	271.18049	5.4	5-MeO-DALT	Hallucinogen	Tryptamine		C17H22N2O
131.07	140.11	271.18049	5.4	5-MeO-DALT	Hallucinogen	Tryptamine		C17H22N2O
143.07	128.11	271.18049	5.4	5-MeO-DALT	Hallucinogen	Tryptamine		C17H22N2O
159.07	112.11	271.18049	5.4	5-MeO-DALT	Hallucinogen	Tryptamine		C17H22N2O
174.09	97.09	271.18049	5.4	5-MeO-DALT	Hallucinogen	Tryptamine		C17H22N2O
271.18	0.00	271.18049	5.4	5-MeO-DALT	Hallucinogen	Tryptamine		C17H22N2O
114.13	161.08	275.2117902	5.34	5-MeO-DiPT	Hallucinogen	Tryptamine		C17H26N2O
143.07	132.14	275.2117902	5.34	5-MeO-DiPT	Hallucinogen	Tryptamine		C17H26N2O
159.07	116.14	275.2117902	5.34	5-MeO-DiPT	Hallucinogen	Tryptamine		C17H26N2O
174.09	101.12	275.2117902	5.34	5-MeO-DiPT	Hallucinogen	Tryptamine		C17H26N2O
275.21	0.00	275.2117902	5.34	5-MeO-DiPT	Hallucinogen	Tryptamine		C17H26N2O
58.07	161.08	219.1491899	4.08	5-MeO-DMT	Hallucinogen	Tryptamine		C13H18N2O
130.07	89.08	219.1491899	4.08	5-MeO-DMT	Hallucinogen	Tryptamine		C13H18N2O
131.07	88.08	219.1491899	4.08	5-MeO-DMT	Hallucinogen	Tryptamine		C13H18N2O
159.07	60.08	219.1491899	4.08	5-MeO-DMT	Hallucinogen	Tryptamine		C13H18N2O
174.09	45.06	219.1491899	4.08	5-MeO-DMT	Hallucinogen	Tryptamine		C13H18N2O
219.15	0.00	219.1491899	4.08	5-MeO-DMT	Hallucinogen	Tryptamine		C13H18N2O
44.05	322.20	366.25399	5.59	5-Methyl Etodesnitazene	Opioid	Nitazene	Parent	C23H31N3O

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
72.08	294.17	366.25399	5.59	5-Methyl Etodesnitazene	Opioid	Nitazene	Parent	C23H31N3O
100.11	266.14	366.25399	5.59	5-Methyl Etodesnitazene	Opioid	Nitazene	Parent	C23H31N3O
101.09	265.16	366.25399	5.59	5-Methyl Etodesnitazene	Opioid	Nitazene	Parent	C23H31N3O
366.25	0.00	366.25399	5.59	5-Methyl Etodesnitazene	Opioid	Nitazene	Parent	C23H31N3O
116.05	259.18	375.22783	8.36	5OH-MDMB-PICA	Synthetic Cannabinoid	Other	Metabolite	C21H30N2O4
144.04	231.19	375.22783	8.36	5OH-MDMB-PICA	Synthetic Cannabinoid	Other	Metabolite	C21H30N2O4
230.12	145.11	375.22783	8.36	5OH-MDMB-PICA	Synthetic Cannabinoid	Other	Metabolite	C21H30N2O4
343.2	32.03	375.22783	8.36	5OH-MDMB-PICA	Synthetic Cannabinoid	Other	Metabolite	C21H30N2O4
375.23	0.00	375.22783	8.36	5OH-MDMB-PICA	Synthetic Cannabinoid	Other	Metabolite	C21H30N2O4
44.05	390.19	434.24137	7.62	5-Trifluoromethyl Isotonitazene	Opioid	Nitazene	Parent	C24H30F3N3O
72.08	362.16	434.24137	7.62	5-Trifluoromethyl Isotonitazene	Opioid	Nitazene	Parent	C24H30F3N3O
100.11	334.13	434.24137	7.62	5-Trifluoromethyl Isotonitazene	Opioid	Nitazene	Parent	C24H30F3N3O
107.05	327.19	434.24137	7.62	5-Trifluoromethyl Isotonitazene	Opioid	Nitazene	Parent	C24H30F3N3O
434.24	0.00	434.24137	7.62	5-Trifluoromethyl Isotonitazene	Opioid	Nitazene	Parent	C24H30F3N3O
58.07	180.04	238.1074	4.23	6-Methoxy Methylone	Stimulant	Cathinone		C12H15NO4
147.07	91.04	238.1074	4.23	6-Methoxy Methylone	Stimulant	Cathinone		C12H15NO4
162.09	76.02	238.1074	4.23	6-Methoxy Methylone	Stimulant	Cathinone		C12H15NO4
189.08	49.03	238.1074	4.23	6-Methoxy Methylone	Stimulant	Cathinone		C12H15NO4
190.09	48.02	238.1074	4.23	6-Methoxy Methylone	Stimulant	Cathinone		C12H15NO4
238.11	0.00	238.1074	4.23	6-Methoxy Methylone	Stimulant	Cathinone		C12H15NO4
165.07	163.08	328.1543349	3.91	6-Monoacetylmorphine	Opioid	Opiate	Metabolite	C19H21NO4
193.06	135.09	328.1543349	3.91	6-Monoacetylmorphine	Opioid	Opiate	Metabolite	C19H21NO4
211.08	117.07	328.1543349	3.91	6-Monoacetylmorphine	Opioid	Opiate	Metabolite	C19H21NO4
268.13	60.02	328.1543349	3.91	6-Monoacetylmorphine	Opioid	Opiate	Metabolite	C19H21NO4
328.15	0.00	328.1543349	3.91	6-Monoacetylmorphine	Opioid	Opiate	Metabolite	C19H21NO4
328.16	-0.01	328.1543349	3.91	6-Monoacetylmorphine	Opioid	Opiate	Metabolite	C19H21NO4
121.08	164.99	286.0741664	4.74	7-Amino Clonazepam	Benzodiazepine			C15H12ClN3O
195.09	90.98	286.0741664	4.74	7-Amino Clonazepam	Benzodiazepine			C15H12ClN3O
222.1	63.97	286.0741664	4.74	7-Amino Clonazepam	Benzodiazepine			C15H12ClN3O
250.1	35.97	286.0741664	4.74	7-Amino Clonazepam	Benzodiazepine			C15H12ClN3O
286.07	0.00	286.0741664	4.74	7-Amino Clonazepam	Benzodiazepine			C15H12ClN3O
135.09	149.03	284.119367	5.3	7-Aminoflunitrazepam	Benzodiazepine			C16H14FN3O
226.09	58.03	284.119367	5.3	7-Aminoflunitrazepam	Benzodiazepine			C16H14FN3O
227.1	57.02	284.119367	5.3	7-Aminoflunitrazepam	Benzodiazepine			C16H14FN3O
256.12	28.00	284.119367	5.3	7-Aminoflunitrazepam	Benzodiazepine			C16H14FN3O
284.12	0.00	284.119367	5.3	7-Aminoflunitrazepam	Benzodiazepine			C16H14FN3O
190.09	225.13	415.2227489	5.29	7-Hydroxymitragynine	Opioid		Metabolite	C23H30N2O5
238.14	177.08	415.2227489	5.29	7-Hydroxymitragynine	Opioid		Metabolite	C23H30N2O5
240.16	175.06	415.2227489	5.29	7-Hydroxymitragynine	Opioid		Metabolite	C23H30N2O5
397.21	18.01	415.2227489	5.29	7-Hydroxymitragynine	Opioid		Metabolite	C23H30N2O5
415.22	0.00	415.2227489	5.29	7-Hydroxymitragynine	Opioid		Metabolite	C23H30N2O5
256.06	68.04	324.10105	5.64	8-Aminoclonazepam	Benzodiazepine			C17H14ClN5
266.04	58.06	324.10105	5.64	8-Aminoclonazepam	Benzodiazepine			C17H14ClN5
289.12	34.98	324.10105	5.64	8-Aminoclonazepam	Benzodiazepine			C17H14ClN5
296.08	28.02	324.10105	5.64	8-Aminoclonazepam	Benzodiazepine			C17H14ClN5
324.09	0.01	324.10105	5.64	8-Aminoclonazepam	Benzodiazepine			C17H14ClN5

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
324.1	0.00	324.10105	5.64	8-Aminoclonazepam	Benzodiazepine			C17H14ClN5
121.1	226.12	347.22169	9.93	9(R)-Carboxy-HHC	Cannabinoid	Phytocannabinoid		C21H30O4
193.12	154.10	347.22169	9.93	9(R)-Carboxy-HHC	Cannabinoid	Phytocannabinoid		C21H30O4
207.1	140.12	347.22169	9.93	9(R)-Carboxy-HHC	Cannabinoid	Phytocannabinoid		C21H30O4
329.21	18.01	347.22169	9.93	9(R)-Carboxy-HHC	Cannabinoid	Phytocannabinoid		C21H30O4
347.22	0.00	347.22169	9.93	9(R)-Carboxy-HHC	Cannabinoid	Phytocannabinoid		C21H30O4
81.07	236.18	317.24751	11.12	9(R)-HHC	Cannabinoid	Phytocannabinoid		C21H32O2
123.04	194.21	317.24751	11.12	9(R)-HHC	Cannabinoid	Phytocannabinoid		C21H32O2
137.13	180.12	317.24751	11.12	9(R)-HHC	Cannabinoid	Phytocannabinoid		C21H32O2
193.12	124.13	317.24751	11.12	9(R)-HHC	Cannabinoid	Phytocannabinoid		C21H32O2
317.25	0.00	317.24751	11.12	9(R)-HHC	Cannabinoid	Phytocannabinoid		C21H32O2
81.07	278.19	359.25807	11.68	9(R)-HHC Acetate	Cannabinoid	Phytocannabinoid		C23H34O3
123.04	236.22	359.25807	11.68	9(R)-HHC Acetate	Cannabinoid	Phytocannabinoid		C23H34O3
137.13	222.13	359.25807	11.68	9(R)-HHC Acetate	Cannabinoid	Phytocannabinoid		C23H34O3
193.12	166.14	359.25807	11.68	9(R)-HHC Acetate	Cannabinoid	Phytocannabinoid		C23H34O3
317.25	42.01	359.25807	11.68	9(R)-HHC Acetate	Cannabinoid	Phytocannabinoid		C23H34O3
359.26	0.00	359.25807	11.68	9(R)-HHC Acetate	Cannabinoid	Phytocannabinoid		C23H34O3
81.07	264.21	345.27881	11.65	9(R)-HHCP	Cannabinoid	Phytocannabinoid		C23H36O2
123.04	222.24	345.27881	11.65	9(R)-HHCP	Cannabinoid	Phytocannabinoid		C23H36O2
137.13	208.15	345.27881	11.65	9(R)-HHCP	Cannabinoid	Phytocannabinoid		C23H36O2
221.15	124.13	345.27881	11.65	9(R)-HHCP	Cannabinoid	Phytocannabinoid		C23H36O2
345.28	0.00	345.27881	11.65	9(R)-HHCP	Cannabinoid	Phytocannabinoid		C23H36O2
123.04	192.19	315.23186	11.07	9(S)-delta-6a,10a-THC	Cannabinoid	Phytocannabinoid		C21H30O2
135.12	180.11	315.23186	11.07	9(S)-delta-6a,10a-THC	Cannabinoid	Phytocannabinoid		C21H30O2
193.12	122.11	315.23186	11.07	9(S)-delta-6a,10a-THC	Cannabinoid	Phytocannabinoid		C21H30O2
259.17	56.06	315.23186	11.07	9(S)-delta-6a,10a-THC	Cannabinoid	Phytocannabinoid		C21H30O2
315.23	0.00	315.23186	11.07	9(S)-delta-6a,10a-THC	Cannabinoid	Phytocannabinoid		C21H30O2
109.1	206.13	315.23186	10.99	9(S)-delta-7-THC	Cannabinoid	Phytocannabinoid		C21H30O2
135.12	180.11	315.23186	10.99	9(S)-delta-7-THC	Cannabinoid	Phytocannabinoid		C21H30O2
193.12	122.11	315.23186	10.99	9(S)-delta-7-THC	Cannabinoid	Phytocannabinoid		C21H30O2
259.17	56.06	315.23186	10.99	9(S)-delta-7-THC	Cannabinoid	Phytocannabinoid		C21H30O2
315.23	0.00	315.23186	10.99	9(S)-delta-7-THC	Cannabinoid	Phytocannabinoid		C21H30O2
81.07	236.18	317.24751	11.08	9(S)-HHC	Cannabinoid	Phytocannabinoid		C21H32O2
123.04	194.21	317.24751	11.08	9(S)-HHC	Cannabinoid	Phytocannabinoid		C21H32O2
137.13	180.12	317.24751	11.08	9(S)-HHC	Cannabinoid	Phytocannabinoid		C21H32O2
193.12	124.13	317.24751	11.08	9(S)-HHC	Cannabinoid	Phytocannabinoid		C21H32O2
317.25	0.00	317.24751	11.08	9(S)-HHC	Cannabinoid	Phytocannabinoid		C21H32O2
135.12	198.12	333.24242	10.17	9-alpha-Hydroxy-HHC	Cannabinoid	Phytocannabinoid		C21H32O3
193.12	140.12	333.24242	10.17	9-alpha-Hydroxy-HHC	Cannabinoid	Phytocannabinoid		C21H32O3
259.17	74.07	333.24242	10.17	9-alpha-Hydroxy-HHC	Cannabinoid	Phytocannabinoid		C21H32O3
315.23	18.01	333.24242	10.17	9-alpha-Hydroxy-HHC	Cannabinoid	Phytocannabinoid		C21H32O3
333.24	0.00	333.24242	10.17	9-alpha-Hydroxy-HHC	Cannabinoid	Phytocannabinoid		C21H32O3
123.04	210.20	333.24242	9.81	9-beta-Hydroxy-HHC	Cannabinoid	Phytocannabinoid		C21H32O3
193.12	140.12	333.24242	9.81	9-beta-Hydroxy-HHC	Cannabinoid	Phytocannabinoid		C21H32O3
259.17	74.07	333.24242	9.81	9-beta-Hydroxy-HHC	Cannabinoid	Phytocannabinoid		C21H32O3
315.23	18.01	333.24242	9.81	9-beta-Hydroxy-HHC	Cannabinoid	Phytocannabinoid		C21H32O3

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
333.24	0.00	333.24242	9.81	9-beta-Hydroxy-HHC	Cannabinoid	Phytocannabinoid		C21H32O3
114.09	241.15	355.238005	7.82	A-796,260	Synthetic Cannabinoid	Other	Parent	C22H30N2O2
125.1	230.14	355.238005	7.82	A-796,260	Synthetic Cannabinoid	Other	Parent	C22H30N2O2
257.13	98.11	355.238005	7.82	A-796,260	Synthetic Cannabinoid	Other	Parent	C22H30N2O2
268.17	87.07	355.238005	7.82	A-796,260	Synthetic Cannabinoid	Other	Parent	C22H30N2O2
355.24	0.00	355.238005	7.82	A-796,260	Synthetic Cannabinoid	Other	Parent	C22H30N2O2
125.1	215.13	340.2271059	9.61	A-834,735	Synthetic Cannabinoid	Other	Parent	C22H29NO2
242.12	98.11	340.2271059	9.61	A-834,735	Synthetic Cannabinoid	Other	Parent	C22H29NO2
307.19	33.04	340.2271059	9.61	A-834,735	Synthetic Cannabinoid	Other	Parent	C22H29NO2
322.13	18.10	340.2271059	9.61	A-834,735	Synthetic Cannabinoid	Other	Parent	C22H29NO2
340.23	0.00	340.2271059	9.61	A-834,735	Synthetic Cannabinoid	Other	Parent	C22H29NO2
125.1	186.08	311.17878	8.52	A-836339	Synthetic Cannabinoid	Other	Parent	C16H26N2O2S
129.05	182.13	311.17878	8.52	A-836339	Synthetic Cannabinoid	Other	Parent	C16H26N2O2S
155.06	156.12	311.17878	8.52	A-836339	Synthetic Cannabinoid	Other	Parent	C16H26N2O2S
187.09	124.09	311.17878	8.52	A-836339	Synthetic Cannabinoid	Other	Parent	C16H26N2O2S
311.18	0.00	311.17878	8.52	A-836339	Synthetic Cannabinoid	Other	Parent	C16H26N2O2S
79.05	271.20	350.24784	11.18	AB-001 (JWH-018 Adamantyl Analogue)	Synthetic Cannabinoid	Other	Parent	C24H31NO
93.07	257.18	350.24784	11.18	AB-001 (JWH-018 Adamantyl Analogue)	Synthetic Cannabinoid	Other	Parent	C24H31NO
107.09	243.16	350.24784	11.18	AB-001 (JWH-018 Adamantyl Analogue)	Synthetic Cannabinoid	Other	Parent	C24H31NO
135.12	215.13	350.24784	11.18	AB-001 (JWH-018 Adamantyl Analogue)	Synthetic Cannabinoid	Other	Parent	C24H31NO
350.25	0.00	350.24784	11.18	AB-001 (JWH-018 Adamantyl Analogue)	Synthetic Cannabinoid	Other	Parent	C24H31NO
98.1	255.16	353.2587	7.76	AB-005	Synthetic Cannabinoid	Other	Parent	C23H32N2O
112.11	241.15	353.2587	7.76	AB-005	Synthetic Cannabinoid	Other	Parent	C23H32N2O
125.1	228.16	353.2587	7.76	AB-005	Synthetic Cannabinoid	Other	Parent	C23H32N2O
256.17	97.09	353.2587	7.76	AB-005	Synthetic Cannabinoid	Other	Parent	C23H32N2O
353.26	0.00	353.2587	7.76	AB-005	Synthetic Cannabinoid	Other	Parent	C23H32N2O
91.05	259.14	350.1863	8.09	AB-BICA	Synthetic Cannabinoid	Other	Parent	C21H23N3O2
234.09	116.10	350.1863	8.09	AB-BICA	Synthetic Cannabinoid	Other	Parent	C21H23N3O2
305.18	45.01	350.1863	8.09	AB-BICA	Synthetic Cannabinoid	Other	Parent	C21H23N3O2
333.16	17.03	350.1863	8.09	AB-BICA	Synthetic Cannabinoid	Other	Parent	C21H23N3O2
350.19	0.00	350.1863	8.09	AB-BICA	Synthetic Cannabinoid	Other	Parent	C21H23N3O2
189.05	212.18	401.23473	9.56	AB-CHFUPYCA	Synthetic Cannabinoid	Other	Parent	C22H29FN4O2
285.14	116.09	401.23473	9.56	AB-CHFUPYCA	Synthetic Cannabinoid	Other	Parent	C22H29FN4O2
356.21	45.02	401.23473	9.56	AB-CHFUPYCA	Synthetic Cannabinoid	Other	Parent	C22H29FN4O2
384.21	17.02	401.23473	9.56	AB-CHFUPYCA	Synthetic Cannabinoid	Other	Parent	C22H29FN4O2
401.23	0.00	401.23473	9.56	AB-CHFUPYCA	Synthetic Cannabinoid	Other	Parent	C22H29FN4O2
72.08	298.17	370.2489	9.18	AB-CHMIATA	Synthetic Cannabinoid		Parent	C22H31N3O2
130.06	240.19	370.2489	9.18	AB-CHMIATA	Synthetic Cannabinoid		Parent	C22H31N3O2
226.16	144.09	370.2489	9.18	AB-CHMIATA	Synthetic Cannabinoid		Parent	C22H31N3O2
325.23	45.02	370.2489	9.18	AB-CHMIATA	Synthetic Cannabinoid		Parent	C22H31N3O2
353.22	17.03	370.2489	9.18	AB-CHMIATA	Synthetic Cannabinoid		Parent	C22H31N3O2
370.25	0.00	370.2489	9.18	AB-CHMIATA	Synthetic Cannabinoid		Parent	C22H31N3O2
116.05	240.18	356.23325	9.18	AB-CHMICA	Synthetic Cannabinoid	Other	Parent	C21H29N3O2
144.04	212.19	356.23325	9.18	AB-CHMICA	Synthetic Cannabinoid	Other	Parent	C21H29N3O2
240.14	116.09	356.23325	9.18	AB-CHMICA	Synthetic Cannabinoid	Other	Parent	C21H29N3O2
339.21	17.02	356.23325	9.18	AB-CHMICA	Synthetic Cannabinoid	Other	Parent	C21H29N3O2

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
356.23	0.00	356.23325	9.18	AB-CHMICA	Synthetic Cannabinoid	Other	Parent	C21H29N3O2
145.04	212.19	357.2285	9.39	AB-CHMINACA	Synthetic Cannabinoid	Other	Parent	C20H28N4O2
241.13	116.10	357.2285	9.39	AB-CHMINACA	Synthetic Cannabinoid	Other	Parent	C20H28N4O2
312.21	45.02	357.2285	9.39	AB-CHMINACA	Synthetic Cannabinoid	Other	Parent	C20H28N4O2
340.2	17.03	357.2285	9.39	AB-CHMINACA	Synthetic Cannabinoid	Other	Parent	C20H28N4O2
357.23	0.00	357.2285	9.39	AB-CHMINACA	Synthetic Cannabinoid	Other	Parent	C20H28N4O2
145.04	212.19	357.2285	8.58	AB-CHMINACA 2'-Indazole Isomer	Synthetic Cannabinoid	Other	Parent	C20H28N4O2
216.11	141.12	357.2285	8.58	AB-CHMINACA 2'-Indazole Isomer	Synthetic Cannabinoid	Other	Parent	C20H28N4O2
241.13	116.10	357.2285	8.58	AB-CHMINACA 2'-Indazole Isomer	Synthetic Cannabinoid	Other	Parent	C20H28N4O2
312.21	45.02	357.2285	8.58	AB-CHMINACA 2'-Indazole Isomer	Synthetic Cannabinoid	Other	Parent	C20H28N4O2
357.23	0.00	357.2285	8.58	AB-CHMINACA 2'-Indazole Isomer	Synthetic Cannabinoid	Other	Parent	C20H28N4O2
145.04	213.17	358.21252	9.84	AB-CHMINACA 3-Methylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C20H27N3O3
241.13	117.08	358.21252	9.84	AB-CHMINACA 3-Methylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C20H27N3O3
312.21	46.00	358.21252	9.84	AB-CHMINACA 3-Methylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C20H27N3O3
340.2	18.01	358.21252	9.84	AB-CHMINACA 3-Methylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C20H27N3O3
358.21	0.00	358.21252	9.84	AB-CHMINACA 3-Methylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C20H27N3O3
109.04	259.14	368.17688	8.16	AB-FUBICA	Synthetic Cannabinoid	Other	Parent	C21H22FN3O2
252.08	116.10	368.17688	8.16	AB-FUBICA	Synthetic Cannabinoid	Other	Parent	C21H22FN3O2
323.15	45.03	368.17688	8.16	AB-FUBICA	Synthetic Cannabinoid	Other	Parent	C21H22FN3O2
351.15	17.03	368.17688	8.16	AB-FUBICA	Synthetic Cannabinoid	Other	Parent	C21H22FN3O2
368.18	0.00	368.17688	8.16	AB-FUBICA	Synthetic Cannabinoid	Other	Parent	C21H22FN3O2
109.04	260.13	369.17213	8.31	AB-FUBINACA	Synthetic Cannabinoid	Other	Parent	C20H21FN4O2
253.08	116.09	369.17213	8.31	AB-FUBINACA	Synthetic Cannabinoid	Other	Parent	C20H21FN4O2
324.15	45.02	369.17213	8.31	AB-FUBINACA	Synthetic Cannabinoid	Other	Parent	C20H21FN4O2
352.15	17.02	369.17213	8.31	AB-FUBINACA	Synthetic Cannabinoid	Other	Parent	C20H21FN4O2
369.17	0.00	369.17213	8.31	AB-FUBINACA	Synthetic Cannabinoid	Other	Parent	C20H21FN4O2
109.04	290.11	399.14631	7.55	AB-FUBINACA Oxobutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C20H19FN4O4
253.08	146.07	399.14631	7.55	AB-FUBINACA Oxobutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C20H19FN4O4
310.13	89.02	399.14631	7.55	AB-FUBINACA Oxobutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C20H19FN4O4
354.12	45.03	399.14631	7.55	AB-FUBINACA Oxobutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C20H19FN4O4
382.12	17.03	399.14631	7.55	AB-FUBINACA Oxobutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C20H19FN4O4
399.15	0.00	399.14631	7.55	AB-FUBINACA Oxobutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C20H19FN4O4
109.04	264.16	373.19724	8.39	AB-FUBINACA-D4	Synthetic Cannabinoid	Other	Parent	C20H17[2H4]FN4O2
257.1	116.10	373.19724	8.39	AB-FUBINACA-D4	Synthetic Cannabinoid	Other	Parent	C20H17[2H4]FN4O2
328.17	45.03	373.19724	8.39	AB-FUBINACA-D4	Synthetic Cannabinoid	Other	Parent	C20H17[2H4]FN4O2
356.17	17.03	373.19724	8.39	AB-FUBINACA-D4	Synthetic Cannabinoid	Other	Parent	C20H17[2H4]FN4O2
373.2	0.00	373.19724	8.39	AB-FUBINACA-D4	Synthetic Cannabinoid	Other	Parent	C20H17[2H4]FN4O2
145.04	170.14	315.18156	8.06	ABO-4en-PINACA	Synthetic Cannabinoid	Other	Parent	C17H22N4O2
171.06	144.12	315.18156	8.06	ABO-4en-PINACA	Synthetic Cannabinoid	Other	Parent	C17H22N4O2
213.1	102.08	315.18156	8.06	ABO-4en-PINACA	Synthetic Cannabinoid	Other	Parent	C17H22N4O2
270.16	45.02	315.18156	8.06	ABO-4en-PINACA	Synthetic Cannabinoid	Other	Parent	C17H22N4O2
298.16	17.02	315.18156	8.06	ABO-4en-PINACA	Synthetic Cannabinoid	Other	Parent	C17H22N4O2
315.18	0.00	315.18156	8.06	ABO-4en-PINACA	Synthetic Cannabinoid	Other	Parent	C17H22N4O2
145.04	186.17	331.2128529	8.8	AB-PINACA	Synthetic Cannabinoid	Other	Parent	C18H26N4O2
215.12	116.09	331.2128529	8.8	AB-PINACA	Synthetic Cannabinoid	Other	Parent	C18H26N4O2
286.19	45.02	331.2128529	8.8	AB-PINACA	Synthetic Cannabinoid	Other	Parent	C18H26N4O2

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
314.19	17.02	331.2128529	8.8	AB-PINACA	Synthetic Cannabinoid	Other	Parent	C18H26N4O2
331.21	0.00	331.2128529	8.8	AB-PINACA	Synthetic Cannabinoid	Other	Parent	C18H26N4O2
217.1	144.09	361.18703	6.79	AB-PINACA N-Pentanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C18H24N4O4
227.08	134.11	361.18703	6.79	AB-PINACA N-Pentanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C18H24N4O4
245.09	116.10	361.18703	6.79	AB-PINACA N-Pentanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C18H24N4O4
298.15	63.04	361.18703	6.79	AB-PINACA N-Pentanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C18H24N4O4
316.16	45.03	361.18703	6.79	AB-PINACA N-Pentanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C18H24N4O4
361.19	0.00	361.18703	6.79	AB-PINACA N-Pentanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C18H24N4O4
58.06	269.09	327.15256	6.88	Acepromazine	Other Pharma	Depressant	Phenothiazine	C19H22N2OS
86.1	241.05	327.15256	6.88	Acepromazine	Other Pharma	Depressant	Phenothiazine	C19H22N2OS
239.08	88.07	327.15256	6.88	Acepromazine	Other Pharma	Depressant	Phenothiazine	C19H22N2OS
254.06	73.09	327.15256	6.88	Acepromazine	Other Pharma	Depressant	Phenothiazine	C19H22N2OS
327.15	0.00	327.15256	6.88	Acepromazine	Other Pharma	Depressant	Phenothiazine	C19H22N2OS
65.04	87.03	152.0706051	2.44	Acetaminophen	Other Pharma	Non-narcotic analgesic	Acetamide	C8H9NO2
92.05	60.02	152.0706051	2.44	Acetaminophen	Other Pharma	Non-narcotic analgesic	Acetamide	C8H9NO2
93.03	59.04	152.0706051	2.44	Acetaminophen	Other Pharma	Non-narcotic analgesic	Acetamide	C8H9NO2
110.06	42.01	152.0706051	2.44	Acetaminophen	Other Pharma	Non-narcotic analgesic	Acetamide	C8H9NO2
152.07	0.00	152.0706051	2.44	Acetaminophen	Other Pharma	Non-narcotic analgesic	Acetamide	C8H9NO2
105.07	218.14	323.2117902	5.69	Acetyl Fentanyl	Opioid	Fentanyl	Parent	C21H26N2O
134.1	189.11	323.2117902	5.69	Acetyl Fentanyl	Opioid	Fentanyl	Parent	C21H26N2O
188.14	135.07	323.2117902	5.69	Acetyl Fentanyl	Opioid	Fentanyl	Parent	C21H26N2O
202.13	121.08	323.2117902	5.69	Acetyl Fentanyl	Opioid	Fentanyl	Parent	C21H26N2O
323.21	0.00	323.2117902	5.69	Acetyl Fentanyl	Opioid	Fentanyl	Parent	C21H26N2O
119.08	218.15	337.2274	6.3	Acetyl Fentanyl 4-Methylphenethyl Analog	Opioid	Fentanyl	Parent	C22H28N2O
132.08	205.15	337.2274	6.3	Acetyl Fentanyl 4-Methylphenethyl Analog	Opioid	Fentanyl	Parent	C22H28N2O
160.11	177.12	337.2274	6.3	Acetyl Fentanyl 4-Methylphenethyl Analog	Opioid	Fentanyl	Parent	C22H28N2O
202.16	135.07	337.2274	6.3	Acetyl Fentanyl 4-Methylphenethyl Analog	Opioid	Fentanyl	Parent	C22H28N2O
337.22	0.01	337.2274	6.3	Acetyl Fentanyl 4-Methylphenethyl Analog	Opioid	Fentanyl	Parent	C22H28N2O
337.23	0.00	337.2274	6.3	Acetyl Fentanyl 4-Methylphenethyl Analog	Opioid	Fentanyl	Parent	C22H28N2O
165.07	177.10	342.17	5.14	Acetylcodeine	Opioid	Opiate		C20H23NO4
197.1	145.07	342.17	5.14	Acetylcodeine	Opioid	Opiate		C20H23NO4
225.09	117.08	342.17	5.14	Acetylcodeine	Opioid	Opiate		C20H23NO4
282.15	60.02	342.17	5.14	Acetylcodeine	Opioid	Opiate		C20H23NO4
342.17	0.00	342.17	5.14	Acetylcodeine	Opioid	Opiate		C20H23NO4
107.09	285.18	392.26964	11.84	ACHMINACA	Synthetic Cannabinoid	Other	Parent	C25H33N3O
135.12	257.15	392.26964	11.84	ACHMINACA	Synthetic Cannabinoid	Other	Parent	C25H33N3O
149.02	243.25	392.26964	11.84	ACHMINACA	Synthetic Cannabinoid	Other	Parent	C25H33N3O
241.13	151.14	392.26964	11.84	ACHMINACA	Synthetic Cannabinoid	Other	Parent	C25H33N3O
392.27	0.00	392.26964	11.84	ACHMINACA	Synthetic Cannabinoid	Other	Parent	C25H33N3O
105.07	230.14	335.2118	6.17	Acrylfentanyl	Opioid	Fentanyl	Parent	C22H26N2O
134.1	201.11	335.2118	6.17	Acrylfentanyl	Opioid	Fentanyl	Parent	C22H26N2O
188.14	147.07	335.2118	6.17	Acrylfentanyl	Opioid	Fentanyl	Parent	C22H26N2O
214.12	121.09	335.2118	6.17	Acrylfentanyl	Opioid	Fentanyl	Parent	C22H26N2O
335.21	0.00	335.2118	6.17	Acrylfentanyl	Opioid	Fentanyl	Parent	C22H26N2O
145.04	198.17	343.21285	8.99	ADB-4en-PINACA	Synthetic Cannabinoid	Other	Parent	C19H26N4O2
213.1	130.11	343.21285	8.99	ADB-4en-PINACA	Synthetic Cannabinoid	Other	Parent	C19H26N4O2

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
230.13	113.08	343.21285	8.99	ADB-4en-PINACA	Synthetic Cannabinoid	Other	Parent	C19H26N4O2
298.19	45.02	343.21285	8.99	ADB-4en-PINACA	Synthetic Cannabinoid	Other	Parent	C19H26N4O2
326.19	17.02	343.21285	8.99	ADB-4en-PINACA	Synthetic Cannabinoid	Other	Parent	C19H26N4O2
343.21	0.00	343.21285	8.99	ADB-4en-PINACA	Synthetic Cannabinoid	Other	Parent	C19H26N4O2
222.95	198.17	421.12336	9.61	ADB-5'Br-4en-PINACA	Synthetic Cannabinoid		Parent	C19H25BrN4O2
291.01	130.11	421.12336	9.61	ADB-5'Br-4en-PINACA	Synthetic Cannabinoid		Parent	C19H25BrN4O2
308.04	113.08	421.12336	9.61	ADB-5'Br-4en-PINACA	Synthetic Cannabinoid		Parent	C19H25BrN4O2
376.1	45.02	421.12336	9.61	ADB-5'Br-4en-PINACA	Synthetic Cannabinoid		Parent	C19H25BrN4O2
404.1	17.02	421.12336	9.61	ADB-5'Br-4en-PINACA	Synthetic Cannabinoid		Parent	C19H25BrN4O2
421.12	0.00	421.12336	9.61	ADB-5'Br-4en-PINACA	Synthetic Cannabinoid		Parent	C19H25BrN4O2
222.95	186.17	409.12336	9.7	ADB-5'Br-BINACA	Synthetic Cannabinoid	Other	Parent	C18H25BrN4O2
279.01	130.11	409.12336	9.7	ADB-5'Br-BINACA	Synthetic Cannabinoid	Other	Parent	C18H25BrN4O2
296.04	113.08	409.12336	9.7	ADB-5'Br-BINACA	Synthetic Cannabinoid	Other	Parent	C18H25BrN4O2
364.1	45.02	409.12336	9.7	ADB-5'Br-BINACA	Synthetic Cannabinoid	Other	Parent	C18H25BrN4O2
392.1	17.02	409.12336	9.7	ADB-5'Br-BINACA	Synthetic Cannabinoid	Other	Parent	C18H25BrN4O2
409.12	0.00	409.12336	9.7	ADB-5'Br-BINACA	Synthetic Cannabinoid	Other	Parent	C18H25BrN4O2
86.1	266.96	353.06076	7.71	ADB-5Br-INACA	Synthetic Cannabinoid	Other	Parent	C14H17BrN4O2
222.95	130.11	353.06076	7.71	ADB-5Br-INACA	Synthetic Cannabinoid	Other	Parent	C14H17BrN4O2
239.98	113.08	353.06076	7.71	ADB-5Br-INACA	Synthetic Cannabinoid	Other	Parent	C14H17BrN4O2
308.04	45.02	353.06076	7.71	ADB-5Br-INACA	Synthetic Cannabinoid	Other	Parent	C14H17BrN4O2
336.03	17.03	353.06076	7.71	ADB-5Br-INACA	Synthetic Cannabinoid	Other	Parent	C14H17BrN4O2
353.06	0.00	353.06076	7.71	ADB-5Br-INACA	Synthetic Cannabinoid	Other	Parent	C14H17BrN4O2
222.95	200.19	423.13901	9.93	ADB-5'Br-PINACA	Synthetic Cannabinoid			C19H27BrN4O2
293.02	130.12	423.13901	9.93	ADB-5'Br-PINACA	Synthetic Cannabinoid			C19H27BrN4O2
310.05	113.09	423.13901	9.93	ADB-5'Br-PINACA	Synthetic Cannabinoid			C19H27BrN4O2
378.11	45.03	423.13901	9.93	ADB-5'Br-PINACA	Synthetic Cannabinoid			C19H27BrN4O2
406.1	17.04	423.13901	9.93	ADB-5'Br-PINACA	Synthetic Cannabinoid			C19H27BrN4O2
423.14	0.00	423.13901	9.93	ADB-5'Br-PINACA	Synthetic Cannabinoid			C19H27BrN4O2
91.05	274.15	365.1972	8.71	ADB-BENZINACA	Synthetic Cannabinoid	Other	Parent	C21H24N4O2
235.09	130.11	365.1972	8.71	ADB-BENZINACA	Synthetic Cannabinoid	Other	Parent	C21H24N4O2
252.11	113.09	365.1972	8.71	ADB-BENZINACA	Synthetic Cannabinoid	Other	Parent	C21H24N4O2
320.18	45.02	365.1972	8.71	ADB-BENZINACA	Synthetic Cannabinoid	Other	Parent	C21H24N4O2
348.17	17.03	365.1972	8.71	ADB-BENZINACA	Synthetic Cannabinoid	Other	Parent	C21H24N4O2
365.2	0.00	365.1972	8.71	ADB-BENZINACA	Synthetic Cannabinoid	Other	Parent	C21H24N4O2
91.05	273.15	364.20195	8.54	ADB-BICA	Synthetic Cannabinoid	Other	Parent	C22H25N3O2
206.1	158.10	364.20195	8.54	ADB-BICA	Synthetic Cannabinoid	Other	Parent	C22H25N3O2
234.09	130.11	364.20195	8.54	ADB-BICA	Synthetic Cannabinoid	Other	Parent	C22H25N3O2
319.18	45.02	364.20195	8.54	ADB-BICA	Synthetic Cannabinoid	Other	Parent	C22H25N3O2
347.18	17.02	364.20195	8.54	ADB-BICA	Synthetic Cannabinoid	Other	Parent	C22H25N3O2
364.2	0.00	364.20195	8.54	ADB-BICA	Synthetic Cannabinoid	Other	Parent	C22H25N3O2
86.1	259.13	345.2285	8.25	ADB-BINAATA	Synthetic Cannabinoid	Other	Parent	C19H28N4O2
145.08	200.15	345.2285	8.25	ADB-BINAATA	Synthetic Cannabinoid	Other	Parent	C19H28N4O2
187.12	158.11	345.2285	8.25	ADB-BINAATA	Synthetic Cannabinoid	Other	Parent	C19H28N4O2
215.12	130.11	345.2285	8.25	ADB-BINAATA	Synthetic Cannabinoid	Other	Parent	C19H28N4O2
300.21	45.02	345.2285	8.25	ADB-BINAATA	Synthetic Cannabinoid	Other	Parent	C19H28N4O2
345.23	0.00	345.2285	8.25	ADB-BINAATA	Synthetic Cannabinoid	Other	Parent	C19H28N4O2



Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
145.04	186.17	331.21285	8.94	ADB-BINACA	Synthetic Cannabinoid	Other	Parent	C18H26N4O2
201.1	130.11	331.21285	8.94	ADB-BINACA	Synthetic Cannabinoid	Other	Parent	C18H26N4O2
286.19	45.02	331.21285	8.94	ADB-BINACA	Synthetic Cannabinoid	Other	Parent	C18H26N4O2
314.19	17.02	331.21285	8.94	ADB-BINACA	Synthetic Cannabinoid	Other	Parent	C18H26N4O2
331.21	0.00	331.21285	8.94	ADB-BINACA	Synthetic Cannabinoid	Other	Parent	C18H26N4O2
145.04	216.15	361.187	7.02	ADB-BINACA N-Butanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C18H24N4O4
213.07	148.12	361.187	7.02	ADB-BINACA N-Butanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C18H24N4O4
231.08	130.11	361.187	7.02	ADB-BINACA N-Butanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C18H24N4O4
316.16	45.03	361.187	7.02	ADB-BINACA N-Butanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C18H24N4O4
344.16	17.03	361.187	7.02	ADB-BINACA N-Butanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C18H24N4O4
361.19	0.00	361.187	7.02	ADB-BINACA N-Butanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C18H24N4O4
86.1	310.11	396.20818	8.69	ADB-FUBIATA	Synthetic Cannabinoid	Other	Parent	C23H26FN3O2
109.04	287.17	396.20818	8.69	ADB-FUBIATA	Synthetic Cannabinoid	Other	Parent	C23H26FN3O2
238.1	158.11	396.20818	8.69	ADB-FUBIATA	Synthetic Cannabinoid	Other	Parent	C23H26FN3O2
351.19	45.02	396.20818	8.69	ADB-FUBIATA	Synthetic Cannabinoid	Other	Parent	C23H26FN3O2
379.18	17.03	396.20818	8.69	ADB-FUBIATA	Synthetic Cannabinoid	Other	Parent	C23H26FN3O2
396.21	0.00	396.20818	8.69	ADB-FUBIATA	Synthetic Cannabinoid	Other	Parent	C23H26FN3O2
86.1	311.09	397.1922	8.96	ADB-FUBIATA 3,3-Dimethylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C23H25FN2O3
109.04	288.15	397.1922	8.96	ADB-FUBIATA 3,3-Dimethylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C23H25FN2O3
238.1	159.09	397.1922	8.96	ADB-FUBIATA 3,3-Dimethylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C23H25FN2O3
351.19	46.00	397.1922	8.96	ADB-FUBIATA 3,3-Dimethylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C23H25FN2O3
397.19	0.00	397.1922	8.96	ADB-FUBIATA 3,3-Dimethylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C23H25FN2O3
109.04	273.15	382.19253	8.64	ADB-FUBICA	Synthetic Cannabinoid	Other	Parent	C22H24FN3O2
252.08	130.11	382.19253	8.64	ADB-FUBICA	Synthetic Cannabinoid	Other	Parent	C22H24FN3O2
337.17	45.02	382.19253	8.64	ADB-FUBICA	Synthetic Cannabinoid	Other	Parent	C22H24FN3O2
365.16	17.03	382.19253	8.64	ADB-FUBICA	Synthetic Cannabinoid	Other	Parent	C22H24FN3O2
382.19	0.00	382.19253	8.64	ADB-FUBICA	Synthetic Cannabinoid	Other	Parent	C22H24FN3O2
109.05	274.14	383.187781	8.65	ADB-FUBINACA	Synthetic Cannabinoid	Other	Parent	C21H23FN4O2
253.08	130.11	383.187781	8.65	ADB-FUBINACA	Synthetic Cannabinoid	Other	Parent	C21H23FN4O2
270.11	113.08	383.187781	8.65	ADB-FUBINACA	Synthetic Cannabinoid	Other	Parent	C21H23FN4O2
338.17	45.02	383.187781	8.65	ADB-FUBINACA	Synthetic Cannabinoid	Other	Parent	C21H23FN4O2
366.16	17.03	383.187781	8.65	ADB-FUBINACA	Synthetic Cannabinoid	Other	Parent	C21H23FN4O2
383.19	0.00	383.187781	8.65	ADB-FUBINACA	Synthetic Cannabinoid	Other	Parent	C21H23FN4O2
189.05	218.18	407.22531	9.1	ADB-FUPYCA	Synthetic Cannabinoid	Other	Parent	C21H28F2N4O2
206.07	201.16	407.22531	9.1	ADB-FUPYCA	Synthetic Cannabinoid	Other	Parent	C21H28F2N4O2
274.14	133.09	407.22531	9.1	ADB-FUPYCA	Synthetic Cannabinoid	Other	Parent	C21H28F2N4O2
362.2	45.03	407.22531	9.1	ADB-FUPYCA	Synthetic Cannabinoid	Other	Parent	C21H28F2N4O2
407.22	0.01	407.22531	9.1	ADB-FUPYCA	Synthetic Cannabinoid	Other	Parent	C21H28F2N4O2
407.23	0.00	407.22531	9.1	ADB-FUPYCA	Synthetic Cannabinoid	Other	Parent	C21H28F2N4O2
145.04	214.20	359.24416	9.83	ADB-HEXINACA	Synthetic Cannabinoid	Other	Parent	C20H30N4O2
229.13	130.11	359.24416	9.83	ADB-HEXINACA	Synthetic Cannabinoid	Other	Parent	C20H30N4O2
246.16	113.08	359.24416	9.83	ADB-HEXINACA	Synthetic Cannabinoid	Other	Parent	C20H30N4O2
314.22	45.02	359.24416	9.83	ADB-HEXINACA	Synthetic Cannabinoid	Other	Parent	C20H30N4O2
342.22	17.02	359.24416	9.83	ADB-HEXINACA	Synthetic Cannabinoid	Other	Parent	C20H30N4O2
359.24	0.00	359.24416	9.83	ADB-HEXINACA	Synthetic Cannabinoid	Other	Parent	C20H30N4O2
144.04	200.19	344.233254	9.05	ADBICA	Synthetic Cannabinoid	Other	Parent	C20H29N3O2

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
158.06	186.17	344.233254	9.05	ADBICA	Synthetic Cannabinoid	Other	Parent	C20H29N3O2
214.12	130.11	344.233254	9.05	ADBICA	Synthetic Cannabinoid	Other	Parent	C20H29N3O2
299.21	45.02	344.233254	9.05	ADBICA	Synthetic Cannabinoid	Other	Parent	C20H29N3O2
327.21	17.02	344.233254	9.05	ADBICA	Synthetic Cannabinoid	Other	Parent	C20H29N3O2
344.23	0.00	344.233254	9.05	ADBICA	Synthetic Cannabinoid	Other	Parent	C20H29N3O2
144.04	230.17	374.20743	7.23	ADBICA N-Pentanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C20H27N3O4
244.09	130.12	374.20743	7.23	ADBICA N-Pentanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C20H27N3O4
329.18	45.03	374.20743	7.23	ADBICA N-Pentanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C20H27N3O4
357.18	17.03	374.20743	7.23	ADBICA N-Pentanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C20H27N3O4
374.2	0.01	374.20743	7.23	ADBICA N-Pentanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C20H27N3O4
374.21	0.00	374.20743	7.23	ADBICA N-Pentanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C20H27N3O4
145.05	208.24	353.28974	9.23	ADBICA-D9	Synthetic Cannabinoid	Other	Parent	C20H20[2H9]N3O2
223.18	130.11	353.28974	9.23	ADBICA-D9	Synthetic Cannabinoid	Other	Parent	C20H20[2H9]N3O2
308.27	45.02	353.28974	9.23	ADBICA-D9	Synthetic Cannabinoid	Other	Parent	C20H20[2H9]N3O2
336.26	17.03	353.28974	9.23	ADBICA-D9	Synthetic Cannabinoid	Other	Parent	C20H20[2H9]N3O2
353.29	0.00	353.28974	9.23	ADBICA-D9	Synthetic Cannabinoid	Other	Parent	C20H20[2H9]N3O2
86.1	189.05	275.15025	6.45	ADB-INACA	Synthetic Cannabinoid			C14H18N4O2
145.04	130.11	275.15025	6.45	ADB-INACA	Synthetic Cannabinoid			C14H18N4O2
162.07	113.08	275.15025	6.45	ADB-INACA	Synthetic Cannabinoid			C14H18N4O2
230.13	45.02	275.15025	6.45	ADB-INACA	Synthetic Cannabinoid			C14H18N4O2
258.12	17.03	275.15025	6.45	ADB-INACA	Synthetic Cannabinoid			C14H18N4O2
275.15	0.00	275.15025	6.45	ADB-INACA	Synthetic Cannabinoid			C14H18N4O2
105.07	274.14	379.21286	9.04	ADB-PHETINACA	Synthetic Cannabinoid	Other	Parent	C22H26N4O2
131.05	248.16	379.21286	9.04	ADB-PHETINACA	Synthetic Cannabinoid	Other	Parent	C22H26N4O2
249.1	130.11	379.21286	9.04	ADB-PHETINACA	Synthetic Cannabinoid	Other	Parent	C22H26N4O2
334.19	45.02	379.21286	9.04	ADB-PHETINACA	Synthetic Cannabinoid	Other	Parent	C22H26N4O2
362.19	17.02	379.21286	9.04	ADB-PHETINACA	Synthetic Cannabinoid	Other	Parent	C22H26N4O2
379.21	0.00	379.21286	9.04	ADB-PHETINACA	Synthetic Cannabinoid	Other	Parent	C22H26N4O2
145.04	200.19	345.2285029	9.26	ADB-PINACA	Synthetic Cannabinoid	Other	Parent	C19H28N4O2
215.12	130.11	345.2285029	9.26	ADB-PINACA	Synthetic Cannabinoid	Other	Parent	C19H28N4O2
232.14	113.09	345.2285029	9.26	ADB-PINACA	Synthetic Cannabinoid	Other	Parent	C19H28N4O2
300.21	45.02	345.2285029	9.26	ADB-PINACA	Synthetic Cannabinoid	Other	Parent	C19H28N4O2
328.2	17.03	345.2285029	9.26	ADB-PINACA	Synthetic Cannabinoid	Other	Parent	C19H28N4O2
345.23	0.00	345.2285029	9.26	ADB-PINACA	Synthetic Cannabinoid	Other	Parent	C19H28N4O2
217.1	158.10	375.20268	7.31	ADB-PINACA N-Pentanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C19H26N4O4
227.08	148.12	375.20268	7.31	ADB-PINACA N-Pentanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C19H26N4O4
245.09	130.11	375.20268	7.31	ADB-PINACA N-Pentanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C19H26N4O4
330.18	45.02	375.20268	7.31	ADB-PINACA N-Pentanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C19H26N4O4
358.17	17.03	375.20268	7.31	ADB-PINACA N-Pentanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C19H26N4O4
375.2	0.00	375.20268	7.31	ADB-PINACA N-Pentanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C19H26N4O4
146.05	208.24	354.285	9.42	ADB-PINACA-D9	Synthetic Cannabinoid	Other	Parent	C19H19[2H9]N4O2
224.17	130.12	354.285	9.42	ADB-PINACA-D9	Synthetic Cannabinoid	Other	Parent	C19H19[2H9]N4O2
241.2	113.09	354.285	9.42	ADB-PINACA-D9	Synthetic Cannabinoid	Other	Parent	C19H19[2H9]N4O2
309.26	45.03	354.285	9.42	ADB-PINACA-D9	Synthetic Cannabinoid	Other	Parent	C19H19[2H9]N4O2
337.26	17.03	354.285	9.42	ADB-PINACA-D9	Synthetic Cannabinoid	Other	Parent	C19H19[2H9]N4O2
354.29	0.00	354.285	9.42	ADB-PINACA-D9	Synthetic Cannabinoid	Other	Parent	C19H19[2H9]N4O2

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
58.07	294.06	352.13235	6.04	Adinazolam	Benzodiazepine			C19H18ClN5
267.06	85.07	352.13235	6.04	Adinazolam	Benzodiazepine			C19H18ClN5
295.07	57.06	352.13235	6.04	Adinazolam	Benzodiazepine			C19H18ClN5
309.1	43.03	352.13235	6.04	Adinazolam	Benzodiazepine			C19H18ClN5
352.13	0.00	352.13235	6.04	Adinazolam	Benzodiazepine			C19H18ClN5
107.09	310.14	417.23367	10.36	AFUBIATA	Synthetic Cannabinoid	Other	Parent	C27H29FN2O
135.12	282.11	417.23367	10.36	AFUBIATA	Synthetic Cannabinoid	Other	Parent	C27H29FN2O
281.11	136.12	417.23367	10.36	AFUBIATA	Synthetic Cannabinoid	Other	Parent	C27H29FN2O
317.21	100.02	417.23367	10.36	AFUBIATA	Synthetic Cannabinoid	Other	Parent	C27H29FN2O
417.23	0.00	417.23367	10.36	AFUBIATA	Synthetic Cannabinoid	Other	Parent	C27H29FN2O
172.96	156.16	329.1181955	6.45	AH-7921	Opioid	Other	Parent	C16H22Cl2N2O
189.98	139.14	329.1181955	6.45	AH-7921	Opioid	Other	Parent	C16H22Cl2N2O
201.98	127.14	329.1181955	6.45	AH-7921	Opioid	Other	Parent	C16H22Cl2N2O
284.06	45.06	329.1181955	6.45	AH-7921	Opioid	Other	Parent	C16H22Cl2N2O
329.12	0.00	329.1181955	6.45	AH-7921	Opioid	Other	Parent	C16H22Cl2N2O
93.07	273.18	366.2539894	11.3	AKB-48 (APINACA)	Synthetic Cannabinoid	Other	Parent	C23H31N3O
107.09	259.16	366.2539894	11.3	AKB-48 (APINACA)	Synthetic Cannabinoid	Other	Parent	C23H31N3O
135.12	231.13	366.2539894	11.3	AKB-48 (APINACA)	Synthetic Cannabinoid	Other	Parent	C23H31N3O
215.12	151.13	366.2539894	11.3	AKB-48 (APINACA)	Synthetic Cannabinoid	Other	Parent	C23H31N3O
366.25	0.00	366.2539894	11.3	AKB-48 (APINACA)	Synthetic Cannabinoid	Other	Parent	C23H31N3O
107.09	289.14	396.22817	9.74	AKB-48 N-Pentanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C23H29N3O3
135.12	261.11	396.22817	9.74	AKB-48 N-Pentanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C23H29N3O3
244.11	152.12	396.22817	9.74	AKB-48 N-Pentanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C23H29N3O3
378.22	18.01	396.22817	9.74	AKB-48 N-Pentanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C23H29N3O3
396.23	0.00	396.22817	9.74	AKB-48 N-Pentanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C23H29N3O3
223.12	143.10	366.2176	5.97	ALD-52	Hallucinogen	Lysergamide		C22H27N3O2
232.18	134.04	366.2176	5.97	ALD-52	Hallucinogen	Lysergamide		C22H27N3O2
239.12	127.10	366.2176	5.97	ALD-52	Hallucinogen	Lysergamide		C22H27N3O2
265.13	101.09	366.2176	5.97	ALD-52	Hallucinogen	Lysergamide		C22H27N3O2
366.22	0.00	366.2176	5.97	ALD-52	Hallucinogen	Lysergamide		C22H27N3O2
197.13	220.13	417.2608657	6.23	Alfentanil	Opioid	Fentanyl	Parent	C21H32N6O3
268.18	149.08	417.2608657	6.23	Alfentanil	Opioid	Fentanyl	Parent	C21H32N6O3
314.19	103.07	417.2608657	6.23	Alfentanil	Opioid	Fentanyl	Parent	C21H32N6O3
385.24	32.02	417.2608657	6.23	Alfentanil	Opioid	Fentanyl	Parent	C21H32N6O3
417.26	0.00	417.2608657	6.23	Alfentanil	Opioid	Fentanyl	Parent	C21H32N6O3
182.08	168.14	350.2227	6	AL-LAD	Hallucinogen	Lysergamide		C22H27N3O
208.1	142.12	350.2227	6	AL-LAD	Hallucinogen	Lysergamide		C22H27N3O
281.16	69.06	350.2227	6	AL-LAD	Hallucinogen	Lysergamide		C22H27N3O
309.18	41.04	350.2227	6	AL-LAD	Hallucinogen	Lysergamide		C22H27N3O
350.22	0.00	350.2227	6	AL-LAD	Hallucinogen	Lysergamide		C22H27N3O
129.07	109.07	238.1438	4.98	Allylescaline	Stimulant	Phenethylamine		C13H19NO3
133.03	105.11	238.1438	4.98	Allylescaline	Stimulant	Phenethylamine		C13H19NO3
165.05	73.09	238.1438	4.98	Allylescaline	Stimulant	Phenethylamine		C13H19NO3
180.08	58.06	238.1438	4.98	Allylescaline	Stimulant	Phenethylamine		C13H19NO3
221.12	17.02	238.1438	4.98	Allylescaline	Stimulant	Phenethylamine		C13H19NO3
238.14	0.00	238.1438	4.98	Allylescaline	Stimulant	Phenethylamine		C13H19NO3

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
152.06	114.09	266.15394	5.6	alpha-D2PV	Stimulant	Cathinone		C18H19NO
165.07	101.08	266.15394	5.6	alpha-D2PV	Stimulant	Cathinone		C18H19NO
167.09	99.06	266.15394	5.6	alpha-D2PV	Stimulant	Cathinone		C18H19NO
195.08	71.07	266.15394	5.6	alpha-D2PV	Stimulant	Cathinone		C18H19NO
266.15	0.00	266.15394	5.6	alpha-D2PV	Stimulant	Cathinone		C18H19NO
103.05	121.11	224.16451	6.01	alpha-Ethyl 2C-D	Stimulant	Amphetamine		C13H21NO2
105.07	119.09	224.16451	6.01	alpha-Ethyl 2C-D	Stimulant	Amphetamine		C13H21NO2
135.08	89.08	224.16451	6.01	alpha-Ethyl 2C-D	Stimulant	Amphetamine		C13H21NO2
137.09	87.07	224.16451	6.01	alpha-Ethyl 2C-D	Stimulant	Amphetamine		C13H21NO2
165.09	59.07	224.16451	6.01	alpha-Ethyl 2C-D	Stimulant	Amphetamine		C13H21NO2
224.16	0.00	224.16451	6.01	alpha-Ethyl 2C-D	Stimulant	Amphetamine		C13H21NO2
216.08	152.95	369.03455	7.21	alpha-Hydroxy Bromazolam	Benzodiazepine			C17H13BrN4O
243.09	125.94	369.03455	7.21	alpha-Hydroxy Bromazolam	Benzodiazepine			C17H13BrN4O
323.02	46.01	369.03455	7.21	alpha-Hydroxy Bromazolam	Benzodiazepine			C17H13BrN4O
341.02	28.01	369.03455	7.21	alpha-Hydroxy Bromazolam	Benzodiazepine			C17H13BrN4O
369.03	0.00	369.03455	7.21	alpha-Hydroxy Bromazolam	Benzodiazepine			C17H13BrN4O
278.06	92.01	370.07014	6.53	alpha-Hydroxy Clonazolam	Benzodiazepine			C17H12ClN5O3
296.06	74.01	370.07014	6.53	alpha-Hydroxy Clonazolam	Benzodiazepine			C17H12ClN5O3
324.08	45.99	370.07014	6.53	alpha-Hydroxy Clonazolam	Benzodiazepine			C17H12ClN5O3
342.05	28.02	370.07014	6.53	alpha-Hydroxy Clonazolam	Benzodiazepine			C17H12ClN5O3
370.07	0.00	370.07014	6.53	alpha-Hydroxy Clonazolam	Benzodiazepine			C17H12ClN5O3
216.08	109.01	325.0850654	7.11	Alpha-Hydroxyalprazolam	Benzodiazepine			C17H13ClN4O
279.07	46.02	325.0850654	7.11	Alpha-Hydroxyalprazolam	Benzodiazepine			C17H13ClN4O
297.07	28.02	325.0850654	7.11	Alpha-Hydroxyalprazolam	Benzodiazepine			C17H13ClN4O
307.07	18.02	325.0850654	7.11	Alpha-Hydroxyalprazolam	Benzodiazepine			C17H13ClN4O
325.09	0.00	325.0850654	7.11	Alpha-Hydroxyalprazolam	Benzodiazepine			C17H13ClN4O
105.07	260.19	365.25874	7.11	alpha'-Methyl Butyrylfentanyl	Opioid	Fentanyl	Parent	C24H32N2O
188.14	177.12	365.25874	7.11	alpha'-Methyl Butyrylfentanyl	Opioid	Fentanyl	Parent	C24H32N2O
244.17	121.09	365.25874	7.11	alpha'-Methyl Butyrylfentanyl	Opioid	Fentanyl	Parent	C24H32N2O
281.2	84.06	365.25874	7.11	alpha'-Methyl Butyrylfentanyl	Opioid	Fentanyl	Parent	C24H32N2O
365.26	0.00	365.25874	7.11	alpha'-Methyl Butyrylfentanyl	Opioid	Fentanyl	Parent	C24H32N2O
72.08	339.16	411.23907	6.9	alpha-Methyl Etonitazene	Opioid	Nitazene	Parent	C23H30N4O3
100.11	311.13	411.23907	6.9	alpha-Methyl Etonitazene	Opioid	Nitazene	Parent	C23H30N4O3
121.07	290.17	411.23907	6.9	alpha-Methyl Etonitazene	Opioid	Nitazene	Parent	C23H30N4O3
149.1	262.14	411.23907	6.9	alpha-Methyl Etonitazene	Opioid	Nitazene	Parent	C23H30N4O3
411.24	0.00	411.23907	6.9	alpha-Methyl Etonitazene	Opioid	Nitazene	Parent	C23H30N4O3
115.05	60.07	175.1229751	4.21	alpha-Methyltryptamine	Hallucinogen	Tryptamine		C11H14N2
117.06	58.06	175.1229751	4.21	alpha-Methyltryptamine	Hallucinogen	Tryptamine		C11H14N2
130.07	45.05	175.1229751	4.21	alpha-Methyltryptamine	Hallucinogen	Tryptamine		C11H14N2
143.07	32.05	175.1229751	4.21	alpha-Methyltryptamine	Hallucinogen	Tryptamine		C11H14N2
158.1	17.02	175.1229751	4.21	alpha-Methyltryptamine	Hallucinogen	Tryptamine		C11H14N2
175.12	0.00	175.1229751	4.21	alpha-Methyltryptamine	Hallucinogen	Tryptamine		C11H14N2
91.06	127.09	218.1539409	4.33	Alpha-PBP	Stimulant	Cathinone		C14H19NO
105.03	113.12	218.1539409	4.33	Alpha-PBP	Stimulant	Cathinone		C14H19NO
112.11	106.04	218.1539409	4.33	Alpha-PBP	Stimulant	Cathinone		C14H19NO
147.08	71.07	218.1539409	4.33	Alpha-PBP	Stimulant	Cathinone		C14H19NO

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
218.15	0.00	218.1539409	4.33	Alpha-PBP	Stimulant	Cathinone		C14H19NO
91.05	181.15	272.20089	6.42	alpha-PCYP	Stimulant	Cathinone		C18H25NO
105.03	167.17	272.20089	6.42	alpha-PCYP	Stimulant	Cathinone		C18H25NO
119.05	153.15	272.20089	6.42	alpha-PCYP	Stimulant	Cathinone		C18H25NO
190.12	82.08	272.20089	6.42	alpha-PCYP	Stimulant	Cathinone		C18H25NO
272.2	0.00	272.20089	6.42	alpha-PCYP	Stimulant	Cathinone		C18H25NO
91.05	155.14	246.18524	5.88	Alpha-PHP	Stimulant	Cathinone		C16H23NO
105.03	141.16	246.18524	5.88	Alpha-PHP	Stimulant	Cathinone		C16H23NO
140.14	106.05	246.18524	5.88	Alpha-PHP	Stimulant	Cathinone		C16H23NO
175.11	71.08	246.18524	5.88	Alpha-PHP	Stimulant	Cathinone		C16H23NO
246.19	0.00	246.18524	5.88	Alpha-PHP	Stimulant	Cathinone		C16H23NO
105.03	155.17	260.2008	6.5	Alpha-PHPp (PV8)	Stimulant	Cathinone		C17H25NO
119.05	141.15	260.2008	6.5	Alpha-PHPp (PV8)	Stimulant	Cathinone		C17H25NO
154.16	106.04	260.2008	6.5	Alpha-PHPp (PV8)	Stimulant	Cathinone		C17H25NO
189.12	71.08	260.2008	6.5	Alpha-PHPp (PV8)	Stimulant	Cathinone		C17H25NO
260.2	0.00	260.2008	6.5	Alpha-PHPp (PV8)	Stimulant	Cathinone		C17H25NO
91.05	155.14	246.18524	5.8	Alpha-PiHP	Stimulant	Cathinone		C16H23NO
105.03	141.16	246.18524	5.8	Alpha-PiHP	Stimulant	Cathinone		C16H23NO
119.05	127.14	246.18524	5.8	Alpha-PiHP	Stimulant	Cathinone		C16H23NO
140.14	106.05	246.18524	5.8	Alpha-PiHP	Stimulant	Cathinone		C16H23NO
189.11	57.08	246.18524	5.8	Alpha-PiHP	Stimulant	Cathinone		C16H23NO
246.19	0.00	246.18524	5.8	Alpha-PiHP	Stimulant	Cathinone		C16H23NO
98.1	106.04	204.1382	3.82	Alpha-PPP	Stimulant	Cathinone		C13H17NO
103.05	101.09	204.1382	3.82	Alpha-PPP	Stimulant	Cathinone		C13H17NO
105.07	99.07	204.1382	3.82	Alpha-PPP	Stimulant	Cathinone		C13H17NO
133.06	71.08	204.1382	3.82	Alpha-PPP	Stimulant	Cathinone		C13H17NO
204.14	0.00	204.1382	3.82	Alpha-PPP	Stimulant	Cathinone		C13H17NO
91.06	141.11	232.169591	5.1	Alpha-PVP	Stimulant	Cathinone		C15H21NO
105.03	127.14	232.169591	5.1	Alpha-PVP	Stimulant	Cathinone		C15H21NO
126.13	106.04	232.169591	5.1	Alpha-PVP	Stimulant	Cathinone		C15H21NO
161.1	71.07	232.169591	5.1	Alpha-PVP	Stimulant	Cathinone		C15H21NO
232.17	0.00	232.169591	5.1	Alpha-PVP	Stimulant	Cathinone		C15H21NO
97.01	141.12	238.126	4.59	Alpha-PVT	Stimulant	Cathinone		C13H19NOS
110.99	127.14	238.126	4.59	Alpha-PVT	Stimulant	Cathinone		C13H19NOS
126.13	112.00	238.126	4.59	Alpha-PVT	Stimulant	Cathinone		C13H19NOS
167.05	71.08	238.126	4.59	Alpha-PVT	Stimulant	Cathinone		C13H19NOS
238.13	0.00	238.126	4.59	Alpha-PVT	Stimulant	Cathinone		C13H19NOS
205.08	104.01	309.0901508	7.45	Alprazolam	Benzodiazepine			C17H13ClN4
241.05	68.04	309.0901508	7.45	Alprazolam	Benzodiazepine			C17H13ClN4
274.12	34.97	309.0901508	7.45	Alprazolam	Benzodiazepine			C17H13ClN4
281.07	28.02	309.0901508	7.45	Alprazolam	Benzodiazepine			C17H13ClN4
309.09	0.00	309.0901508	7.45	Alprazolam	Benzodiazepine			C17H13ClN4
245.08	69.04	314.1215345	7.41	Alprazolam-D5	Benzodiazepine			C17H8[2H]5ClN4
260.1	54.02	314.1215345	7.41	Alprazolam-D5	Benzodiazepine			C17H8[2H]5ClN4
279.15	34.97	314.1215345	7.41	Alprazolam-D5	Benzodiazepine			C17H8[2H]5ClN4
286.1	28.02	314.1215345	7.41	Alprazolam-D5	Benzodiazepine			C17H8[2H]5ClN4

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
314.12	0.00	314.1215345	7.41	Alprazolam-D5	Benzodiazepine			C17H8[2H]5ClN4
98.1	285.11	383.2117902	7.16	AM-1220	Synthetic Cannabinoid	Other	Parent	C26H26N2O
112.11	271.10	383.2117902	7.16	AM-1220	Synthetic Cannabinoid	Other	Parent	C26H26N2O
155.05	228.16	383.2117902	7.16	AM-1220	Synthetic Cannabinoid	Other	Parent	C26H26N2O
286.12	97.09	383.2117902	7.16	AM-1220	Synthetic Cannabinoid	Other	Parent	C26H26N2O
383.21	0.00	383.2117902	7.16	AM-1220	Synthetic Cannabinoid	Other	Parent	C26H26N2O
127.05	278.11	405.1609	9.97	AM-1235	Synthetic Cannabinoid	Other	Parent	C24H21FN2O3
155.05	250.11	405.1609	9.97	AM-1235	Synthetic Cannabinoid	Other	Parent	C24H21FN2O3
189.03	216.13	405.1609	9.97	AM-1235	Synthetic Cannabinoid	Other	Parent	C24H21FN2O3
277.1	128.06	405.1609	9.97	AM-1235	Synthetic Cannabinoid	Other	Parent	C24H21FN2O3
405.16	0.00	405.1609	9.97	AM-1235	Synthetic Cannabinoid	Other	Parent	C24H21FN2O3
98.1	405.98	504.0778703	7.09	AM-1241	Synthetic Cannabinoid	Other	Parent	C22H22IN3O3
112.11	391.97	504.0778703	7.09	AM-1241	Synthetic Cannabinoid	Other	Parent	C22H22IN3O3
275.92	228.16	504.0778703	7.09	AM-1241	Synthetic Cannabinoid	Other	Parent	C22H22IN3O3
406.99	97.09	504.0778703	7.09	AM-1241	Synthetic Cannabinoid	Other	Parent	C22H22IN3O3
504.08	0.00	504.0778703	7.09	AM-1241	Synthetic Cannabinoid	Other	Parent	C22H22IN3O3
98.1	293.17	391.2743905	8.13	AM-1248	Synthetic Cannabinoid	Other	Parent	C26H34N2O
112.11	279.16	391.2743905	8.13	AM-1248	Synthetic Cannabinoid	Other	Parent	C26H34N2O
135.12	256.15	391.2743905	8.13	AM-1248	Synthetic Cannabinoid	Other	Parent	C26H34N2O
294.19	97.08	391.2743905	8.13	AM-1248	Synthetic Cannabinoid	Other	Parent	C26H34N2O
391.27	0.00	391.2743905	8.13	AM-1248	Synthetic Cannabinoid	Other	Parent	C26H34N2O
127.05	233.13	360.1758193	9.62	AM-2201	Synthetic Cannabinoid	Other	Parent	C24H22FNO
155.05	205.13	360.1758193	9.62	AM-2201	Synthetic Cannabinoid	Other	Parent	C24H22FNO
163.08	197.10	360.1758193	9.62	AM-2201	Synthetic Cannabinoid	Other	Parent	C24H22FNO
232.11	128.07	360.1758193	9.62	AM-2201	Synthetic Cannabinoid	Other	Parent	C24H22FNO
360.18	0.00	360.1758193	9.62	AM-2201	Synthetic Cannabinoid	Other	Parent	C24H22FNO
116.05	260.13	376.18197	10.16	AM-2201 8-Quinoliny Carboxamide	Synthetic Cannabinoid	Other	Parent	C23H22FN3O
144.04	232.14	376.18197	10.16	AM-2201 8-Quinoliny Carboxamide	Synthetic Cannabinoid	Other	Parent	C23H22FN3O
171.06	205.12	376.18197	10.16	AM-2201 8-Quinoliny Carboxamide	Synthetic Cannabinoid	Other	Parent	C23H22FN3O
232.11	144.07	376.18197	10.16	AM-2201 8-Quinoliny Carboxamide	Synthetic Cannabinoid	Other	Parent	C23H22FN3O
376.18	0.00	376.18197	10.16	AM-2201 8-Quinoliny Carboxamide	Synthetic Cannabinoid	Other	Parent	C23H22FN3O
155.05	206.12	361.17107	9.8	AM-2201 Benzimidazole Analogue (FUBIMINA)	Synthetic Cannabinoid	Other	Parent	C23H21FN2O
177.05	184.12	361.17107	9.8	AM-2201 Benzimidazole Analogue (FUBIMINA)	Synthetic Cannabinoid	Other	Parent	C23H21FN2O
233.11	128.06	361.17107	9.8	AM-2201 Benzimidazole Analogue (FUBIMINA)	Synthetic Cannabinoid	Other	Parent	C23H21FN2O
273.1	88.07	361.17107	9.8	AM-2201 Benzimidazole Analogue (FUBIMINA)	Synthetic Cannabinoid	Other	Parent	C23H21FN2O
361.17	0.00	361.17107	9.8	AM-2201 Benzimidazole Analogue (FUBIMINA)	Synthetic Cannabinoid	Other	Parent	C23H21FN2O
127.05	226.11	353.1648	8.92	AM-2232	Synthetic Cannabinoid	Other	Parent	C24H20N2O
144.04	209.12	353.1648	8.92	AM-2232	Synthetic Cannabinoid	Other	Parent	C24H20N2O
155.05	198.11	353.1648	8.92	AM-2232	Synthetic Cannabinoid	Other	Parent	C24H20N2O
225.1	128.06	353.1648	8.92	AM-2232	Synthetic Cannabinoid	Other	Parent	C24H20N2O
353.16	0.00	353.1648	8.92	AM-2232	Synthetic Cannabinoid	Other	Parent	C24H20N2O
353.17	-0.01	353.1648	8.92	AM-2232	Synthetic Cannabinoid	Other	Parent	C24H20N2O
98.1	360.99	459.0927921	6.73	AM-2233	Synthetic Cannabinoid	Other	Parent	C22H23IN2O
112.11	346.98	459.0927921	6.73	AM-2233	Synthetic Cannabinoid	Other	Parent	C22H23IN2O
230.93	228.16	459.0927921	6.73	AM-2233	Synthetic Cannabinoid	Other	Parent	C22H23IN2O
362	97.09	459.0927921	6.73	AM-2233	Synthetic Cannabinoid	Other	Parent	C22H23IN2O

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
459.09	0.00	459.0927921	6.73	AM-2233	Synthetic Cannabinoid	Other	Parent	C22H23IN2O
58.07	282.25	340.32101	11.42	AM-3102	Synthetic Cannabinoid	Other	Parent	C21H41NO2
76.08	264.24	340.32101	11.42	AM-3102	Synthetic Cannabinoid	Other	Parent	C21H41NO2
135.12	205.20	340.32101	11.42	AM-3102	Synthetic Cannabinoid	Other	Parent	C21H41NO2
323.3	17.02	340.32101	11.42	AM-3102	Synthetic Cannabinoid	Other	Parent	C21H41NO2
340.32	0.00	340.32101	11.42	AM-3102	Synthetic Cannabinoid	Other	Parent	C21H41NO2
100.08	405.02	505.09827	8.41	AM-630	Synthetic Cannabinoid	Other	Parent	C23H25IN2O3
107.05	398.05	505.09827	8.41	AM-630	Synthetic Cannabinoid	Other	Parent	C23H25IN2O3
114.09	391.01	505.09827	8.41	AM-630	Synthetic Cannabinoid	Other	Parent	C23H25IN2O3
135.04	370.06	505.09827	8.41	AM-630	Synthetic Cannabinoid	Other	Parent	C23H25IN2O3
505.1	0.00	505.09827	8.41	AM-630	Synthetic Cannabinoid	Other	Parent	C23H25IN2O3
202.93	215.14	418.0662429	9.96	AM-679	Synthetic Cannabinoid	Other	Parent	C20H20INO
230.93	187.14	418.0662429	9.96	AM-679	Synthetic Cannabinoid	Other	Parent	C20H20INO
234.09	183.98	418.0662429	9.96	AM-679	Synthetic Cannabinoid	Other	Parent	C20H20INO
291.16	126.91	418.0662429	9.96	AM-679	Synthetic Cannabinoid	Other	Parent	C20H20INO
418.07	0.00	418.0662429	9.96	AM-679	Synthetic Cannabinoid	Other	Parent	C20H20INO
202.93	233.13	436.0568212	9.23	AM-694	Synthetic Cannabinoid	Other	Parent	C20H19FINO
230.93	205.13	436.0568212	9.23	AM-694	Synthetic Cannabinoid	Other	Parent	C20H19FINO
234.09	201.97	436.0568212	9.23	AM-694	Synthetic Cannabinoid	Other	Parent	C20H19FINO
309.15	126.91	436.0568212	9.23	AM-694	Synthetic Cannabinoid	Other	Parent	C20H19FINO
436.06	0.00	436.0568212	9.23	AM-694	Synthetic Cannabinoid	Other	Parent	C20H19FINO
145.04	201.17	346.21252	10.02	AMB	Synthetic Cannabinoid	Other	Parent	C19H27N3O3
215.12	131.09	346.21252	10.02	AMB	Synthetic Cannabinoid	Other	Parent	C19H27N3O3
286.19	60.02	346.21252	10.02	AMB	Synthetic Cannabinoid	Other	Parent	C19H27N3O3
314.19	32.02	346.21252	10.02	AMB	Synthetic Cannabinoid	Other	Parent	C19H27N3O3
346.21	0.00	346.21252	10.02	AMB	Synthetic Cannabinoid	Other	Parent	C19H27N3O3
91.05	260.19	351.2431	6.36	a-Methyl fentanyl	Opioid	Fentanyl	Parent	C23H30N2O
119.09	232.15	351.2431	6.36	a-Methyl fentanyl	Opioid	Fentanyl	Parent	C23H30N2O
202.16	149.08	351.2431	6.36	a-Methyl fentanyl	Opioid	Fentanyl	Parent	C23H30N2O
216.14	135.10	351.2431	6.36	a-Methyl fentanyl	Opioid	Fentanyl	Parent	C23H30N2O
351.24	0.00	351.2431	6.36	a-Methyl fentanyl	Opioid	Fentanyl	Parent	C23H30N2O
91.05	246.18	337.2274	5.95	a-Methylacetyl Fentanyl	Opioid	Fentanyl	Parent	C22H28N2O
119.08	218.15	337.2274	5.95	a-Methylacetyl Fentanyl	Opioid	Fentanyl	Parent	C22H28N2O
202.16	135.07	337.2274	5.95	a-Methylacetyl Fentanyl	Opioid	Fentanyl	Parent	C22H28N2O
219.15	118.08	337.2274	5.95	a-Methylacetyl Fentanyl	Opioid	Fentanyl	Parent	C22H28N2O
337.23	0.00	337.2274	5.95	a-Methylacetyl Fentanyl	Opioid	Fentanyl	Parent	C22H28N2O
56.05	176.09	232.14444	3.18	Amidopyrine	Other Pharma	Non-narcotic analgesic	Pyrazolone	C13H17N3O
58.07	174.07	232.14444	3.18	Amidopyrine	Other Pharma	Non-narcotic analgesic	Pyrazolone	C13H17N3O
97.08	135.06	232.14444	3.18	Amidopyrine	Other Pharma	Non-narcotic analgesic	Pyrazolone	C13H17N3O
111.09	121.05	232.14444	3.18	Amidopyrine	Other Pharma	Non-narcotic analgesic	Pyrazolone	C13H17N3O
113.11	119.03	232.14444	3.18	Amidopyrine	Other Pharma	Non-narcotic analgesic	Pyrazolone	C13H17N3O
232.14	0.00	232.14444	3.18	Amidopyrine	Other Pharma	Non-narcotic analgesic	Pyrazolone	C13H17N3O
105.07	173.12	278.1903264	7.21	Amitriptyline	Other Pharma	Antidepressant	Tricyclic antidepressant	C20H23N
117.07	161.12	278.1903264	7.21	Amitriptyline	Other Pharma	Antidepressant	Tricyclic antidepressant	C20H23N
191.08	87.11	278.1903264	7.21	Amitriptyline	Other Pharma	Antidepressant	Tricyclic antidepressant	C20H23N
218.11	60.08	278.1903264	7.21	Amitriptyline	Other Pharma	Antidepressant	Tricyclic antidepressant	C20H23N

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
233.13	45.06	278.1903264	7.21	Amitriptyline	Other Pharma	Antidepressant	Tricyclic antidepressant	C20H23N
278.19	0.00	278.1903264	7.21	Amitriptyline	Other Pharma	Antidepressant	Tricyclic antidepressant	C20H23N
228.02	86.09	314.1054665	6.81	Amoxapine	Other Pharma	Antidepressant	Tricyclic antidepressant	C17H16ClN3O
245.05	69.06	314.1054665	6.81	Amoxapine	Other Pharma	Antidepressant	Tricyclic antidepressant	C17H16ClN3O
271.06	43.05	314.1054665	6.81	Amoxapine	Other Pharma	Antidepressant	Tricyclic antidepressant	C17H16ClN3O
297.08	17.03	314.1054665	6.81	Amoxapine	Other Pharma	Antidepressant	Tricyclic antidepressant	C17H16ClN3O
314.11	0.00	314.1054665	6.81	Amoxapine	Other Pharma	Antidepressant	Tricyclic antidepressant	C17H16ClN3O
65.04	71.07	136.112076	3.56	Amphetamine	Stimulant	Amphetamine		C9H13N
91.06	45.05	136.112076	3.56	Amphetamine	Stimulant	Amphetamine		C9H13N
109.01	27.10	136.112076	3.56	Amphetamine	Stimulant	Amphetamine		C9H13N
119.09	17.02	136.112076	3.56	Amphetamine	Stimulant	Amphetamine		C9H13N
136.02	0.09	136.112076	3.56	Amphetamine	Stimulant	Amphetamine		C9H13N
136.11	0.00	136.112076	3.56	Amphetamine	Stimulant	Amphetamine		C9H13N
77.04	143.06	220.0968199	5.81	Aniracetam	Other Pharma	Nootropic		C12H13NO3
92.03	128.07	220.0968199	5.81	Aniracetam	Other Pharma	Nootropic		C12H13NO3
107.05	113.05	220.0968199	5.81	Aniracetam	Other Pharma	Nootropic		C12H13NO3
135.04	85.06	220.0968199	5.81	Aniracetam	Other Pharma	Nootropic		C12H13NO3
220.1	0.00	220.0968199	5.81	Aniracetam	Other Pharma	Nootropic		C12H13NO3
91.05	182.15	273.19614	5.38	AP-237	Opioid	Other	Parent	C17H24N2O
115.05	158.15	273.19614	5.38	AP-237	Opioid	Other	Parent	C17H24N2O
117.07	156.13	273.19614	5.38	AP-237	Opioid	Other	Parent	C17H24N2O
155.12	118.08	273.19614	5.38	AP-237	Opioid	Other	Parent	C17H24N2O
273.2	0.00	273.19614	5.38	AP-237	Opioid	Other	Parent	C17H24N2O
91.05	196.16	287.21179	5.53	AP-238	Opioid	Other	Parent	C18H26N2O
115.05	172.16	287.21179	5.53	AP-238	Opioid	Other	Parent	C18H26N2O
117.07	170.14	287.21179	5.53	AP-238	Opioid	Other	Parent	C18H26N2O
169.13	118.08	287.21179	5.53	AP-238	Opioid	Other	Parent	C18H26N2O
287.21	0.00	287.21179	5.53	AP-238	Opioid	Other	Parent	C18H26N2O
107.09	258.17	365.25874	10.83	APICA	Synthetic Cannabinoid	Other	Parent	C24H32N2O
135.12	230.14	365.25874	10.83	APICA	Synthetic Cannabinoid	Other	Parent	C24H32N2O
188.14	177.12	365.25874	10.83	APICA	Synthetic Cannabinoid	Other	Parent	C24H32N2O
214.12	151.14	365.25874	10.83	APICA	Synthetic Cannabinoid	Other	Parent	C24H32N2O
365.26	0.00	365.25874	10.83	APICA	Synthetic Cannabinoid	Other	Parent	C24H32N2O
79.05	288.19	367.238	11.53	APINAC (AKB57)	Synthetic Cannabinoid	Other	Parent	C23H30N2O2
93.07	274.17	367.238	11.53	APINAC (AKB57)	Synthetic Cannabinoid	Other	Parent	C23H30N2O2
107.09	260.15	367.238	11.53	APINAC (AKB57)	Synthetic Cannabinoid	Other	Parent	C23H30N2O2
135.12	232.12	367.238	11.53	APINAC (AKB57)	Synthetic Cannabinoid	Other	Parent	C23H30N2O2
367.24	0.00	367.238	11.53	APINAC (AKB57)	Synthetic Cannabinoid	Other	Parent	C23H30N2O2
145.04	220.16	365.1972	8.75	APP-BINACA	Synthetic Cannabinoid	Other	Parent	C21H24N4O2
201.1	164.10	365.1972	8.75	APP-BINACA	Synthetic Cannabinoid	Other	Parent	C21H24N4O2
320.18	45.02	365.1972	8.75	APP-BINACA	Synthetic Cannabinoid	Other	Parent	C21H24N4O2
348.17	17.03	365.1972	8.75	APP-BINACA	Synthetic Cannabinoid	Other	Parent	C21H24N4O2
365.2	0.00	365.1972	8.75	APP-BINACA	Synthetic Cannabinoid	Other	Parent	C21H24N4O2
120.08	246.10	366.18122	9.19	APP-BINACA 3-phenylpropanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C21H23N3O3
145.04	221.14	366.18122	9.19	APP-BINACA 3-phenylpropanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C21H23N3O3
201.1	165.08	366.18122	9.19	APP-BINACA 3-phenylpropanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C21H23N3O3



Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
320.17	46.01	366.18122	9.19	APP-BINACA 3-phenylpropanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C21H23N3O3
366.18	0.00	366.18122	9.19	APP-BINACA 3-phenylpropanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C21H23N3O3
145.04	260.19	405.2285	9.53	APP-CHMINACA	Synthetic Cannabinoid	Other	Parent	C24H28N4O2
241.13	164.10	405.2285	9.53	APP-CHMINACA	Synthetic Cannabinoid	Other	Parent	C24H28N4O2
360.21	45.02	405.2285	9.53	APP-CHMINACA	Synthetic Cannabinoid	Other	Parent	C24H28N4O2
388.2	17.03	405.2285	9.53	APP-CHMINACA	Synthetic Cannabinoid	Other	Parent	C24H28N4O2
405.23	0.00	405.2285	9.53	APP-CHMINACA	Synthetic Cannabinoid	Other	Parent	C24H28N4O2
109.04	308.13	417.17213	8.68	APP-FUBINACA	Synthetic Cannabinoid	Other	Parent	C24H21FN4O2
253.08	164.09	417.17213	8.68	APP-FUBINACA	Synthetic Cannabinoid	Other	Parent	C24H21FN4O2
372.15	45.02	417.17213	8.68	APP-FUBINACA	Synthetic Cannabinoid	Other	Parent	C24H21FN4O2
400.14	17.03	417.17213	8.68	APP-FUBINACA	Synthetic Cannabinoid	Other	Parent	C24H21FN4O2
417.17	0.00	417.17213	8.68	APP-FUBINACA	Synthetic Cannabinoid	Other	Parent	C24H21FN4O2
116.05	262.17	378.2176	9.05	APP-PICA	Synthetic Cannabinoid	Other	Parent	C23H27N3O2
144.04	234.18	378.2176	9.05	APP-PICA	Synthetic Cannabinoid	Other	Parent	C23H27N3O2
214.12	164.10	378.2176	9.05	APP-PICA	Synthetic Cannabinoid	Other	Parent	C23H27N3O2
361.19	17.03	378.2176	9.05	APP-PICA	Synthetic Cannabinoid	Other	Parent	C23H27N3O2
378.22	0.00	378.2176	9.05	APP-PICA	Synthetic Cannabinoid	Other	Parent	C23H27N3O2
98.1	350.06	448.1553093	7.22	Aripiprazole	Other Pharma	Antipsychotic	Atypical antipsychotic	C23H27Cl2N3O2
176.07	272.09	448.1553093	7.22	Aripiprazole	Other Pharma	Antipsychotic	Atypical antipsychotic	C23H27Cl2N3O2
218.12	230.04	448.1553093	7.22	Aripiprazole	Other Pharma	Antipsychotic	Atypical antipsychotic	C23H27Cl2N3O2
285.09	163.07	448.1553093	7.22	Aripiprazole	Other Pharma	Antipsychotic	Atypical antipsychotic	C23H27Cl2N3O2
448.16	0.00	448.1553093	7.22	Aripiprazole	Other Pharma	Antipsychotic	Atypical antipsychotic	C23H27Cl2N3O2
93.07	301.18	394.2489	10.3	ATHPINACA	Synthetic Cannabinoid	Other	Parent	C24H31N3O2
107.09	287.16	394.2489	10.3	ATHPINACA	Synthetic Cannabinoid	Other	Parent	C24H31N3O2
135.12	259.13	394.2489	10.3	ATHPINACA	Synthetic Cannabinoid	Other	Parent	C24H31N3O2
258.12	136.13	394.2489	10.3	ATHPINACA	Synthetic Cannabinoid	Other	Parent	C24H31N3O2
394.25	0.00	394.2489	10.3	ATHPINACA	Synthetic Cannabinoid	Other	Parent	C24H31N3O2
44.05	212.12	256.169591	6.84	Atomoxetine	Stimulant			C17H21NO
117.07	139.10	256.169591	6.84	Atomoxetine	Stimulant			C17H21NO
148.11	108.06	256.169591	6.84	Atomoxetine	Stimulant			C17H21NO
163.08	93.09	256.169591	6.84	Atomoxetine	Stimulant			C17H21NO
256.17	0.00	256.169591	6.84	Atomoxetine	Stimulant			C17H21NO
93.07	197.11	290.1750703	4.45	Atropine	Other Pharma	Antimuscarinic		C17H23NO3
105.03	185.15	290.1750703	4.45	Atropine	Other Pharma	Antimuscarinic		C17H23NO3
124.11	166.07	290.1750703	4.45	Atropine	Other Pharma	Antimuscarinic		C17H23NO3
168.1	122.08	290.1750703	4.45	Atropine	Other Pharma	Antimuscarinic		C17H23NO3
290.18	0.00	290.1750703	4.45	Atropine	Other Pharma	Antimuscarinic		C17H23NO3
55.05	319.17	374.22383	9.47	Azidoindolene 1 (1)	Synthetic Cannabinoid	Other	Parent	C21H28FN3O2
69.07	305.15	374.22383	9.47	Azidoindolene 1 (1)	Synthetic Cannabinoid	Other	Parent	C21H28FN3O2
97.1	277.12	374.22383	9.47	Azidoindolene 1 (1)	Synthetic Cannabinoid	Other	Parent	C21H28FN3O2
125.1	249.12	374.22383	9.47	Azidoindolene 1 (1)	Synthetic Cannabinoid	Other	Parent	C21H28FN3O2
374.22	0.00	374.22383	9.47	Azidoindolene 1 (1)	Synthetic Cannabinoid	Other	Parent	C21H28FN3O2
55.05	319.17	374.22383	10.47	Azidoindolene 1 (2)	Synthetic Cannabinoid	Other	Parent	C21H28FN3O2
69.07	305.15	374.22383	10.47	Azidoindolene 1 (2)	Synthetic Cannabinoid	Other	Parent	C21H28FN3O2
97.1	277.12	374.22383	10.47	Azidoindolene 1 (2)	Synthetic Cannabinoid	Other	Parent	C21H28FN3O2
125.1	249.12	374.22383	10.47	Azidoindolene 1 (2)	Synthetic Cannabinoid	Other	Parent	C21H28FN3O2

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
374.22	0.00	374.22383	10.47	Azidoindolene 1 (2)	Synthetic Cannabinoid	Other	Parent	C21H28FN3O2
116.05	269.14	385.1910548	10.32	BB-22 (QUCHIC)	Synthetic Cannabinoid	Other	Parent	C25H24N2O2
144.04	241.15	385.1910548	10.32	BB-22 (QUCHIC)	Synthetic Cannabinoid	Other	Parent	C25H24N2O2
158.06	227.13	385.1910548	10.32	BB-22 (QUCHIC)	Synthetic Cannabinoid	Other	Parent	C25H24N2O2
240.14	145.05	385.1910548	10.32	BB-22 (QUCHIC)	Synthetic Cannabinoid	Other	Parent	C25H24N2O2
385.19	0.00	385.1910548	10.32	BB-22 (QUCHIC)	Synthetic Cannabinoid	Other	Parent	C25H24N2O2
118.06	140.09	258.14886	9.33	BB-22 3-Carboxyindole	Synthetic Cannabinoid	Other	Metabolite	C16H19NO2
132.08	126.07	258.14886	9.33	BB-22 3-Carboxyindole	Synthetic Cannabinoid	Other	Metabolite	C16H19NO2
176.07	82.08	258.14886	9.33	BB-22 3-Carboxyindole	Synthetic Cannabinoid	Other	Metabolite	C16H19NO2
214.16	43.99	258.14886	9.33	BB-22 3-Carboxyindole	Synthetic Cannabinoid	Other	Metabolite	C16H19NO2
258.15	0.00	258.14886	9.33	BB-22 3-Carboxyindole	Synthetic Cannabinoid	Other	Metabolite	C16H19NO2
139.05	73.02	212.07061	7.27	BBOP	Unknown			C13H9NO2
156.08	55.99	212.07061	7.27	BBOP	Unknown			C13H9NO2
166.06	46.01	212.07061	7.27	BBOP	Unknown			C13H9NO2
194.06	18.01	212.07061	7.27	BBOP	Unknown			C13H9NO2
212.07	0.00	212.07061	7.27	BBOP	Unknown			C13H9NO2
105.03	89.09	194.1175554	4.51	BDB	Stimulant	Amphetamine		C11H15NO2
119.09	75.03	194.1175554	4.51	BDB	Stimulant	Amphetamine		C11H15NO2
135.04	59.08	194.1175554	4.51	BDB	Stimulant	Amphetamine		C11H15NO2
147.08	47.04	194.1175554	4.51	BDB	Stimulant	Amphetamine		C11H15NO2
177.09	17.03	194.1175554	4.51	BDB	Stimulant	Amphetamine		C11H15NO2
194.12	0.00	194.1175554	4.51	BDB	Stimulant	Amphetamine		C11H15NO2
166.07	131.04	297.10561	6.61	Benzazepam	Benzodiazepine			C17H16N2OS
210.12	86.99	297.10561	6.61	Benzazepam	Benzodiazepine			C17H16N2OS
241.08	56.03	297.10561	6.61	Benzazepam	Benzodiazepine			C17H16N2OS
269.11	28.00	297.10561	6.61	Benzazepam	Benzodiazepine			C17H16N2OS
297.1	0.01	297.10561	6.61	Benzazepam	Benzodiazepine			C17H16N2OS
297.11	0.00	297.10561	6.61	Benzazepam	Benzodiazepine			C17H16N2OS
142.12	166.08	308.2008911	7.21	Benzatropine	Other Pharma	Anticholinergic		C21H25NO
152.06	156.14	308.2008911	7.21	Benzatropine	Other Pharma	Anticholinergic		C21H25NO
165.07	143.13	308.2008911	7.21	Benzatropine	Other Pharma	Anticholinergic		C21H25NO
167.09	141.11	308.2008911	7.21	Benzatropine	Other Pharma	Anticholinergic		C21H25NO
308.2	0.00	308.2008911	7.21	Benzatropine	Other Pharma	Anticholinergic		C21H25NO
77.04	89.05	166.0862552	6.06	Benzocaine	Other Pharma	Anesthetic	Amino ester	C9H11NO2
92.05	74.04	166.0862552	6.06	Benzocaine	Other Pharma	Anesthetic	Amino ester	C9H11NO2
94.07	72.02	166.0862552	6.06	Benzocaine	Other Pharma	Anesthetic	Amino ester	C9H11NO2
120.04	46.05	166.0862552	6.06	Benzocaine	Other Pharma	Anesthetic	Amino ester	C9H11NO2
138.06	28.03	166.0862552	6.06	Benzocaine	Other Pharma	Anesthetic	Amino ester	C9H11NO2
166.09	0.00	166.0862552	6.06	Benzocaine	Other Pharma	Anesthetic	Amino ester	C9H11NO2
105.07	324.15	429.2172	6.8	Benzodioxole Fentanyl	Opioid	Fentanyl	Parent	C27H28N2O3
149.02	280.20	429.2172	6.8	Benzodioxole Fentanyl	Opioid	Fentanyl	Parent	C27H28N2O3
188.14	241.08	429.2172	6.8	Benzodioxole Fentanyl	Opioid	Fentanyl	Parent	C27H28N2O3
308.13	121.09	429.2172	6.8	Benzodioxole Fentanyl	Opioid	Fentanyl	Parent	C27H28N2O3
429.21	0.01	429.2172	6.8	Benzodioxole Fentanyl	Opioid	Fentanyl	Parent	C27H28N2O3
429.22	0.00	429.2172	6.8	Benzodioxole Fentanyl	Opioid	Fentanyl	Parent	C27H28N2O3
105.03	185.11	290.1386848	4.49	Benzoylcegonine	Stimulant		Metabolite	C16H19NO4

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
150.09	140.05	290.1386848	4.49	Benzoylecgonine	Stimulant		Metabolite	C16H19NO4
168.1	122.04	290.1386848	4.49	Benzoylecgonine	Stimulant		Metabolite	C16H19NO4
272.13	18.01	290.1386848	4.49	Benzoylecgonine	Stimulant		Metabolite	C16H19NO4
290.14	0.00	290.1386848	4.49	Benzoylecgonine	Stimulant		Metabolite	C16H19NO4
146.1	235.12	381.2172	6.34	Benzyl Carfentanil	Opioid	Fentalog	Precursor	C23H28N2O3
202.12	179.10	381.2172	6.34	Benzyl Carfentanil	Opioid	Fentalog	Precursor	C23H28N2O3
232.13	149.09	381.2172	6.34	Benzyl Carfentanil	Opioid	Fentalog	Precursor	C23H28N2O3
265.17	116.05	381.2172	6.34	Benzyl Carfentanil	Opioid	Fentalog	Precursor	C23H28N2O3
321.19	60.03	381.2172	6.34	Benzyl Carfentanil	Opioid	Fentalog	Precursor	C23H28N2O3
381.22	0.00	381.2172	6.34	Benzyl Carfentanil	Opioid	Fentalog	Precursor	C23H28N2O3
91.05	232.16	323.2118	6.02	Benzyl Fentanyl	Opioid	Fentalog	Precursor	C21H26N2O
132.08	191.13	323.2118	6.02	Benzyl Fentanyl	Opioid	Fentalog	Precursor	C21H26N2O
174.13	149.08	323.2118	6.02	Benzyl Fentanyl	Opioid	Fentalog	Precursor	C21H26N2O
216.14	107.07	323.2118	6.02	Benzyl Fentanyl	Opioid	Fentalog	Precursor	C21H26N2O
323.21	0.00	323.2118	6.02	Benzyl Fentanyl	Opioid	Fentalog	Precursor	C21H26N2O
91.05	270.14	361.19105	6.13	Benzyl Furanylfentanyl	Opioid	Fentalog	Precursor	C23H24N2O2
132.08	229.11	361.19105	6.13	Benzyl Furanylfentanyl	Opioid	Fentalog	Precursor	C23H24N2O2
174.13	187.06	361.19105	6.13	Benzyl Furanylfentanyl	Opioid	Fentalog	Precursor	C23H24N2O2
254.12	107.07	361.19105	6.13	Benzyl Furanylfentanyl	Opioid	Fentalog	Precursor	C23H24N2O2
361.19	0.00	361.19105	6.13	Benzyl Furanylfentanyl	Opioid	Fentalog	Precursor	C23H24N2O2
91.05	280.16	371.21179	6.56	Benzyl Phenylfentanyl	Opioid	Fentalog	Precursor	C25H26N2O
105.03	266.18	371.21179	6.56	Benzyl Phenylfentanyl	Opioid	Fentalog	Precursor	C25H26N2O
174.13	197.08	371.21179	6.56	Benzyl Phenylfentanyl	Opioid	Fentalog	Precursor	C25H26N2O
267	104.21	371.21179	6.56	Benzyl Phenylfentanyl	Opioid	Fentalog	Precursor	C25H26N2O
371.21	0.00	371.21179	6.56	Benzyl Phenylfentanyl	Opioid	Fentalog	Precursor	C25H26N2O
91.05	193.08	284.1281	5.71	Benzylone	Stimulant	Cathinone		C17H17NO3
146.06	138.07	284.1281	5.71	Benzylone	Stimulant	Cathinone		C17H17NO3
236.11	48.02	284.1281	5.71	Benzylone	Stimulant	Cathinone		C17H17NO3
266.12	18.01	284.1281	5.71	Benzylone	Stimulant	Cathinone		C17H17NO3
284.13	0.00	284.1281	5.71	Benzylone	Stimulant	Cathinone		C17H17NO3
134.1	219.12	353.2224	5.91	beta-Hydroxy Fentanyl	Opioid	Fentalog	Metabolite	C22H28N2O2
186.13	167.09	353.2224	5.91	beta-Hydroxy Fentanyl	Opioid	Fentalog	Metabolite	C22H28N2O2
204.14	149.08	353.2224	5.91	beta-Hydroxy Fentanyl	Opioid	Fentalog	Metabolite	C22H28N2O2
279.19	74.03	353.2224	5.91	beta-Hydroxy Fentanyl	Opioid	Fentalog	Metabolite	C22H28N2O2
335.21	18.01	353.2224	5.91	beta-Hydroxy Fentanyl	Opioid	Fentalog	Metabolite	C22H28N2O2
353.22	0.00	353.2224	5.91	beta-Hydroxy Fentanyl	Opioid	Fentalog	Metabolite	C22H28N2O2
146.1	213.08	359.1788	5.66	beta-Hydroxythiofentanyl	Opioid	Fentalog	Parent	C20H26N2O2S
192.08	167.10	359.1788	5.66	beta-Hydroxythiofentanyl	Opioid	Fentalog	Parent	C20H26N2O2S
285.14	74.04	359.1788	5.66	beta-Hydroxythiofentanyl	Opioid	Fentalog	Parent	C20H26N2O2S
341.17	18.01	359.1788	5.66	beta-Hydroxythiofentanyl	Opioid	Fentalog	Parent	C20H26N2O2S
359.18	0.00	359.1788	5.66	beta-Hydroxythiofentanyl	Opioid	Fentalog	Parent	C20H26N2O2S
105.07	259.20	364.27473	4.33	Bipiperidiny 4-ANPP	Opioid	Fentalog	Precursor	C24H33N3
124.11	240.16	364.27473	4.33	Bipiperidiny 4-ANPP	Opioid	Fentalog	Precursor	C24H33N3
160.11	204.16	364.27473	4.33	Bipiperidiny 4-ANPP	Opioid	Fentalog	Precursor	C24H33N3
188.14	176.13	364.27473	4.33	Bipiperidiny 4-ANPP	Opioid	Fentalog	Precursor	C24H33N3
364.27	0.00	364.27473	4.33	Bipiperidiny 4-ANPP	Opioid	Fentalog	Precursor	C24H33N3

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
364.28	-0.01	364.27473	4.33	Bipiperidinyl 4-ANPP	Opioid	Fentanyl	Precursor	C24H33N3
131.08	101.09	232.16959	6.17	bk-EABDI	Stimulant	Cathinone		C15H21NO
170.1	62.07	232.16959	6.17	bk-EABDI	Stimulant	Cathinone		C15H21NO
185.12	47.05	232.16959	6.17	bk-EABDI	Stimulant	Cathinone		C15H21NO
214.16	18.01	232.16959	6.17	bk-EABDI	Stimulant	Cathinone		C15H21NO
232.17	0.00	232.16959	6.17	bk-EABDI	Stimulant	Cathinone		C15H21NO
91.05	260.19	351.2431	6.58	b-Methyl fentanyl	Opioid	Fentanyl	Parent	C23H30N2O
119.08	232.16	351.2431	6.58	b-Methyl fentanyl	Opioid	Fentanyl	Parent	C23H30N2O
202.16	149.08	351.2431	6.58	b-Methyl fentanyl	Opioid	Fentanyl	Parent	C23H30N2O
216.14	135.10	351.2431	6.58	b-Methyl fentanyl	Opioid	Fentanyl	Parent	C23H30N2O
351.24	0.00	351.2431	6.58	b-Methyl fentanyl	Opioid	Fentanyl	Parent	C23H30N2O
105.07	308.19	413.25874	7.6	b'-Phenyl Fentanyl	Opioid	Fentanyl	Parent	C28H32N2O
188.14	225.12	413.25874	7.6	b'-Phenyl Fentanyl	Opioid	Fentanyl	Parent	C28H32N2O
281.2	132.06	413.25874	7.6	b'-Phenyl Fentanyl	Opioid	Fentanyl	Parent	C28H32N2O
292.17	121.09	413.25874	7.6	b'-Phenyl Fentanyl	Opioid	Fentanyl	Parent	C28H32N2O
413.26	0.00	413.25874	7.6	b'-Phenyl Fentanyl	Opioid	Fentanyl	Parent	C28H32N2O
46.07	356.07	402.1427	6.37	Bromadol	Opioid	Other	Parent	C22H28BrNO
143.09	259.05	402.1427	6.37	Bromadol	Opioid	Other	Parent	C22H28BrNO
168.96	233.18	402.1427	6.37	Bromadol	Opioid	Other	Parent	C22H28BrNO
221	181.14	402.1427	6.37	Bromadol	Opioid	Other	Parent	C22H28BrNO
339.07	63.07	402.1427	6.37	Bromadol	Opioid	Other	Parent	C22H28BrNO
402.14	0.00	402.1427	6.37	Bromadol	Opioid	Other	Parent	C22H28BrNO
182.08	133.93	316.008	6.45	Bromazepam	Benzodiazepine			C14H10BrN3O
209.1	106.91	316.008	6.45	Bromazepam	Benzodiazepine			C14H10BrN3O
261	55.01	316.008	6.45	Bromazepam	Benzodiazepine			C14H10BrN3O
288.01	28.00	316.008	6.45	Bromazepam	Benzodiazepine			C14H10BrN3O
316.01	0.00	316.008	6.45	Bromazepam	Benzodiazepine			C14H10BrN3O
205.07	147.97	353.03963	7.72	Bromazolam	Benzodiazepine			C17H13BrN4
274.12	78.92	353.03963	7.72	Bromazolam	Benzodiazepine			C17H13BrN4
285	68.04	353.03963	7.72	Bromazolam	Benzodiazepine			C17H13BrN4
325.02	28.02	353.03963	7.72	Bromazolam	Benzodiazepine			C17H13BrN4
353.03	0.01	353.03963	7.72	Bromazolam	Benzodiazepine			C17H13BrN4
353.04	0.00	353.03963	7.72	Bromazolam	Benzodiazepine			C17H13BrN4
169.06	124.95	294.0124164	6.5	Bromo-Dragon FLY	Stimulant	Phenethylamine		C13H12BrNO2
171.04	122.97	294.0124164	6.5	Bromo-Dragon FLY	Stimulant	Phenethylamine		C13H12BrNO2
198.07	95.94	294.0124164	6.5	Bromo-Dragon FLY	Stimulant	Phenethylamine		C13H12BrNO2
248.95	45.06	294.0124164	6.5	Bromo-Dragon FLY	Stimulant	Phenethylamine		C13H12BrNO2
276.99	17.02	294.0124164	6.5	Bromo-Dragon FLY	Stimulant	Phenethylamine		C13H12BrNO2
294.01	0.00	294.0124164	6.5	Bromo-Dragon FLY	Stimulant	Phenethylamine		C13H12BrNO2
167.07	152.01	319.0804364	6.02	Brompheniramine	Other Pharma	Antihistamine	Propylamine	C16H19BrN2
244.98	74.10	319.0804364	6.02	Brompheniramine	Other Pharma	Antihistamine	Propylamine	C16H19BrN2
245.99	73.09	319.0804364	6.02	Brompheniramine	Other Pharma	Antihistamine	Propylamine	C16H19BrN2
274.02	45.06	319.0804364	6.02	Brompheniramine	Other Pharma	Antihistamine	Propylamine	C16H19BrN2
319.08	0.00	319.0804364	6.02	Brompheniramine	Other Pharma	Antihistamine	Propylamine	C16H19BrN2
84.08	316.02	400.1019	6.42	Brorphine	Opioid	Other	Parent	C20H22BrN3O
104.6	295.50	400.1019	6.42	Brorphine	Opioid	Other	Parent	C20H22BrN3O

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
182.98	217.12	400.1019	6.42	Brorphine	Opioid	Other	Parent	C20H22BrN3O
218.13	181.97	400.1019	6.42	Brorphine	Opioid	Other	Parent	C20H22BrN3O
400.1	0.00	400.1019	6.42	Brorphine	Opioid	Other	Parent	C20H22BrN3O
279.07	113.89	392.9571	7.73	Brotizolam	Benzodiazepine			C15H10BrClN4S
314.04	78.92	392.9571	7.73	Brotizolam	Benzodiazepine			C15H10BrClN4S
316.04	76.92	392.9571	7.73	Brotizolam	Benzodiazepine			C15H10BrClN4S
340.93	52.03	392.9571	7.73	Brotizolam	Benzodiazepine			C15H10BrClN4S
392.96	0.00	392.9571	7.73	Brotizolam	Benzodiazepine			C15H10BrClN4S
394.95	-1.99	392.9571	7.73	Brotizolam	Benzodiazepine			C15H10BrClN4S
58.07	147.06	205.1335398	1.94	Bufotenine	Hallucinogen	Tryptamine		C12H16N2O
115.05	90.08	205.1335398	1.94	Bufotenine	Hallucinogen	Tryptamine		C12H16N2O
117.06	88.07	205.1335398	1.94	Bufotenine	Hallucinogen	Tryptamine		C12H16N2O
132.08	73.05	205.1335398	1.94	Bufotenine	Hallucinogen	Tryptamine		C12H16N2O
160.08	45.05	205.1335398	1.94	Bufotenine	Hallucinogen	Tryptamine		C12H16N2O
205.13	0.00	205.1335398	1.94	Bufotenine	Hallucinogen	Tryptamine		C12H16N2O
91.06	87.06	178.1226407	3.95	Buphedrone	Stimulant	Cathinone		C11H15NO
130.06	48.06	178.1226407	3.95	Buphedrone	Stimulant	Cathinone		C11H15NO
131.07	47.05	178.1226407	3.95	Buphedrone	Stimulant	Cathinone		C11H15NO
132.08	46.04	178.1226407	3.95	Buphedrone	Stimulant	Cathinone		C11H15NO
160.11	18.01	178.1226407	3.95	Buphedrone	Stimulant	Cathinone		C11H15NO
178.12	0.00	178.1226407	3.95	Buphedrone	Stimulant	Cathinone		C11H15NO
84.08	205.15	289.2274403	5.86	Bupivacaine	Other Pharma	Anesthetic		C18H28N2O
98.1	191.13	289.2274403	5.86	Bupivacaine	Other Pharma	Anesthetic		C18H28N2O
140.14	149.09	289.2274403	5.86	Bupivacaine	Other Pharma	Anesthetic		C18H28N2O
150.09	139.14	289.2274403	5.86	Bupivacaine	Other Pharma	Anesthetic		C18H28N2O
289.23	0.00	289.2274403	5.86	Bupivacaine	Other Pharma	Anesthetic		C18H28N2O
115.07	353.24	468.3108357	6.55	Buprenorphine	Opioid	Other	Metabolite	C29H41NO4
187.08	281.23	468.3108357	6.55	Buprenorphine	Opioid	Other	Metabolite	C29H41NO4
396.22	72.09	468.3108357	6.55	Buprenorphine	Opioid	Other	Metabolite	C29H41NO4
414.27	54.04	468.3108357	6.55	Buprenorphine	Opioid	Other	Metabolite	C29H41NO4
468.31	0.00	468.3108357	6.55	Buprenorphine	Opioid	Other	Metabolite	C29H41NO4
131.07	109.04	240.1149686	5.63	Bupropion	Other Pharma	Antidepressant	Atypical antidepressant	C13H18ClNO
139.03	101.08	240.1149686	5.63	Bupropion	Other Pharma	Antidepressant	Atypical antidepressant	C13H18ClNO
166.04	74.07	240.1149686	5.63	Bupropion	Other Pharma	Antidepressant	Atypical antidepressant	C13H18ClNO
167.03	73.08	240.1149686	5.63	Bupropion	Other Pharma	Antidepressant	Atypical antidepressant	C13H18ClNO
184.05	56.06	240.1149686	5.63	Bupropion	Other Pharma	Antidepressant	Atypical antidepressant	C13H18ClNO
240.11	0.00	240.1149686	5.63	Bupropion	Other Pharma	Antidepressant	Atypical antidepressant	C13H18ClNO
122.07	264.19	386.2550521	5.88	Buspirone	Other Pharma	Antidepressant		C21H31N5O2
150.1	236.16	386.2550521	5.88	Buspirone	Other Pharma	Antidepressant		C21H31N5O2
222.15	164.11	386.2550521	5.88	Buspirone	Other Pharma	Antidepressant		C21H31N5O2
265.19	121.07	386.2550521	5.88	Buspirone	Other Pharma	Antidepressant		C21H31N5O2
386.25	0.01	386.2550521	5.88	Buspirone	Other Pharma	Antidepressant		C21H31N5O2
386.26	0.00	386.2550521	5.88	Buspirone	Other Pharma	Antidepressant		C21H31N5O2
44.05	381.20	425.25472	7.73	Butonitazene	Opioid	Nitazene	Parent	C24H32N4O3
72.08	353.17	425.25472	7.73	Butonitazene	Opioid	Nitazene	Parent	C24H32N4O3
100.11	325.14	425.25472	7.73	Butonitazene	Opioid	Nitazene	Parent	C24H32N4O3

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
107.05	318.20	425.25472	7.73	Butonitazene	Opioid	Nitazene	Parent	C24H32N4O3
425.25	0.00	425.25472	7.73	Butonitazene	Opioid	Nitazene	Parent	C24H32N4O3
185.1	143.13	328.2271059	5.65	Butorphanol	Opioid	Other	Parent	C21H29NO2
242.15	86.08	328.2271059	5.65	Butorphanol	Opioid	Other	Parent	C21H29NO2
282.19	46.04	328.2271059	5.65	Butorphanol	Opioid	Other	Parent	C21H29NO2
310.22	18.01	328.2271059	5.65	Butorphanol	Opioid	Other	Parent	C21H29NO2
328.23	0.00	328.2271059	5.65	Butorphanol	Opioid	Other	Parent	C21H29NO2
105.07	246.17	351.243	6.67	Butryl Fentanyl	Opioid	Fentalog	Parent	C23H30N2O
188.14	163.10	351.243	6.67	Butryl Fentanyl	Opioid	Fentalog	Parent	C23H30N2O
230.15	121.09	351.243	6.67	Butryl Fentanyl	Opioid	Fentalog	Parent	C23H30N2O
281.2	70.04	351.243	6.67	Butryl Fentanyl	Opioid	Fentalog	Parent	C23H30N2O
351.24	0.00	351.243	6.67	Butryl Fentanyl	Opioid	Fentalog	Parent	C23H30N2O
131.07	91.04	222.11247	4.2	Butylone	Stimulant	Cathinone		C12H15NO3
146.1	76.01	222.11247	4.2	Butylone	Stimulant	Cathinone		C12H15NO3
174.09	48.02	222.11247	4.2	Butylone	Stimulant	Cathinone		C12H15NO3
175.06	47.05	222.11247	4.2	Butylone	Stimulant	Cathinone		C12H15NO3
204.1	18.01	222.11247	4.2	Butylone	Stimulant	Cathinone		C12H15NO3
222.11	0.00	222.11247	4.2	Butylone	Stimulant	Cathinone		C12H15NO3
51.02	283.14	334.155	9.79	BZO-4en-POXIZID	Synthetic Cannabinoid	Other	Parent	C20H19N3O2
77.04	257.12	334.155	9.79	BZO-4en-POXIZID	Synthetic Cannabinoid	Other	Parent	C20H19N3O2
95.05	239.11	334.155	9.79	BZO-4en-POXIZID	Synthetic Cannabinoid	Other	Parent	C20H19N3O2
105.03	229.13	334.155	9.79	BZO-4en-POXIZID	Synthetic Cannabinoid	Other	Parent	C20H19N3O2
334.15	0.00	334.155	9.79	BZO-4en-POXIZID	Synthetic Cannabinoid	Other	Parent	C20H19N3O2
334.16	-0.01	334.155	9.79	BZO-4en-POXIZID	Synthetic Cannabinoid	Other	Parent	C20H19N3O2
51.02	311.17	362.1863	10.65	BZO-CHMOXIZID	Synthetic Cannabinoid	Other	Parent	C22H23N3O2
77.04	285.15	362.1863	10.65	BZO-CHMOXIZID	Synthetic Cannabinoid	Other	Parent	C22H23N3O2
105.03	257.16	362.1863	10.65	BZO-CHMOXIZID	Synthetic Cannabinoid	Other	Parent	C22H23N3O2
333.17	29.02	362.1863	10.65	BZO-CHMOXIZID	Synthetic Cannabinoid	Other	Parent	C22H23N3O2
362.19	0.00	362.1863	10.65	BZO-CHMOXIZID	Synthetic Cannabinoid	Other	Parent	C22H23N3O2
51.02	285.15	336.17066	10.18	BZO-POXIZID	Synthetic Cannabinoid	Other	Parent	C20H21N3O2
77.04	259.13	336.17066	10.18	BZO-POXIZID	Synthetic Cannabinoid	Other	Parent	C20H21N3O2
105.03	231.14	336.17066	10.18	BZO-POXIZID	Synthetic Cannabinoid	Other	Parent	C20H21N3O2
307.16	29.01	336.17066	10.18	BZO-POXIZID	Synthetic Cannabinoid	Other	Parent	C20H21N3O2
336.17	0.00	336.17066	10.18	BZO-POXIZID	Synthetic Cannabinoid	Other	Parent	C20H21N3O2
56.05	121.09	177.1386252	1.46	BZP	Stimulant	Piperazine		C11H16N2
65.04	112.10	177.1386252	1.46	BZP	Stimulant	Piperazine		C11H16N2
85.08	92.06	177.1386252	1.46	BZP	Stimulant	Piperazine		C11H16N2
91.06	86.08	177.1386252	1.46	BZP	Stimulant	Piperazine		C11H16N2
177.14	0.00	177.1386252	1.46	BZP	Stimulant	Piperazine		C11H16N2
88.08	192.06	280.13658	7.06	Caccure 907	Stimulant	Cathinone		C15H21NO2S
117.07	163.07	280.13658	7.06	Caccure 907	Stimulant	Cathinone		C15H21NO2S
128.11	152.03	280.13658	7.06	Caccure 907	Stimulant	Cathinone		C15H21NO2S
146.07	134.07	280.13658	7.06	Caccure 907	Stimulant	Cathinone		C15H21NO2S
165.07	115.07	280.13658	7.06	Caccure 907	Stimulant	Cathinone		C15H21NO2S
280.14	0.00	280.13658	7.06	Caccure 907	Stimulant	Cathinone		C15H21NO2S
83.06	112.03	195.0876522	3.92	Caffeine	Stimulant		Parent	C8H10N4O2

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
110.07	85.02	195.0876522	3.92	Caffeine	Stimulant		Parent	C8H10N4O2
123.04	72.05	195.0876522	3.92	Caffeine	Stimulant		Parent	C8H10N4O2
138.07	57.02	195.0876522	3.92	Caffeine	Stimulant		Parent	C8H10N4O2
195.09	0.00	195.0876522	3.92	Caffeine	Stimulant		Parent	C8H10N4O2
109.06	208.19	317.24751	10.24	Cannabigerol (CBG)	Cannabinoid	Phytocannabinoid		C21H32O2
123.04	194.21	317.24751	10.24	Cannabigerol (CBG)	Cannabinoid	Phytocannabinoid		C21H32O2
137.06	180.19	317.24751	10.24	Cannabigerol (CBG)	Cannabinoid	Phytocannabinoid		C21H32O2
193.12	124.13	317.24751	10.24	Cannabigerol (CBG)	Cannabinoid	Phytocannabinoid		C21H32O2
317.25	0.00	317.24751	10.24	Cannabigerol (CBG)	Cannabinoid	Phytocannabinoid		C21H32O2
179.07	58.03	237.1022396	6.76	Carbamazepine	Other Pharma	Anticonvulsant		C15H12N2O
192.08	45.02	237.1022396	6.76	Carbamazepine	Other Pharma	Anticonvulsant		C15H12N2O
193.09	44.01	237.1022396	6.76	Carbamazepine	Other Pharma	Anticonvulsant		C15H12N2O
194.1	43.00	237.1022396	6.76	Carbamazepine	Other Pharma	Anticonvulsant		C15H12N2O
237.1	0.00	237.1022396	6.76	Carbamazepine	Other Pharma	Anticonvulsant		C15H12N2O
167.07	86.03	253.0971543	5.94	Carbamazepine 10,11-epoxide	Other Pharma	Anticonvulsant		C15H12N2O2
180.08	73.02	253.0971543	5.94	Carbamazepine 10,11-epoxide	Other Pharma	Anticonvulsant		C15H12N2O2
182.1	71.00	253.0971543	5.94	Carbamazepine 10,11-epoxide	Other Pharma	Anticonvulsant		C15H12N2O2
210.09	43.01	253.0971543	5.94	Carbamazepine 10,11-epoxide	Other Pharma	Anticonvulsant		C15H12N2O2
236.07	17.03	253.0971543	5.94	Carbamazepine 10,11-epoxide	Other Pharma	Anticonvulsant		C15H12N2O2
253.1	0.00	253.0971543	5.94	Carbamazepine 10,11-epoxide	Other Pharma	Anticonvulsant		C15H12N2O2
119.09	226.12	345.2060362	10.05	Carboxy-THC	Cannabinoid	Phytocannabinoid		C21H28O4
193.12	152.09	345.2060362	10.05	Carboxy-THC	Cannabinoid	Phytocannabinoid		C21H28O4
299.2	46.01	345.2060362	10.05	Carboxy-THC	Cannabinoid	Phytocannabinoid		C21H28O4
327.2	18.01	345.2060362	10.05	Carboxy-THC	Cannabinoid	Phytocannabinoid		C21H28O4
345.21	0.00	345.2060362	10.05	Carboxy-THC	Cannabinoid	Phytocannabinoid		C21H28O4
113.06	282.17	395.2329	6.54	Carfentanil	Opioid	Fentanyl	Parent	C24H30N2O3
246.15	149.08	395.2329	6.54	Carfentanil	Opioid	Fentanyl	Parent	C24H30N2O3
279.19	116.04	395.2329	6.54	Carfentanil	Opioid	Fentanyl	Parent	C24H30N2O3
335.21	60.02	395.2329	6.54	Carfentanil	Opioid	Fentanyl	Parent	C24H30N2O3
395.23	0.00	395.2329	6.54	Carfentanil	Opioid	Fentanyl	Parent	C24H30N2O3
55.06	206.12	261.180884	7.2	Carisoprodol	Other Pharma	Depressant	Carbamate	C12H24N2O4
62.03	199.15	261.180884	7.2	Carisoprodol	Other Pharma	Depressant	Carbamate	C12H24N2O4
97.1	164.08	261.180884	7.2	Carisoprodol	Other Pharma	Depressant	Carbamate	C12H24N2O4
176.13	85.05	261.180884	7.2	Carisoprodol	Other Pharma	Depressant	Carbamate	C12H24N2O4
200.16	61.02	261.180884	7.2	Carisoprodol	Other Pharma	Depressant	Carbamate	C12H24N2O4
261.18	0.00	261.180884	7.2	Carisoprodol	Other Pharma	Depressant	Carbamate	C12H24N2O4
77.04	73.05	150.0913406	2.8	Cathinone	Stimulant	Cathinone		C9H11NO
79.06	71.03	150.0913406	2.8	Cathinone	Stimulant	Cathinone		C9H11NO
105.07	45.02	150.0913406	2.8	Cathinone	Stimulant	Cathinone		C9H11NO
117.06	33.03	150.0913406	2.8	Cathinone	Stimulant	Cathinone		C9H11NO
132.08	18.01	150.0913406	2.8	Cathinone	Stimulant	Cathinone		C9H11NO
150.09	0.00	150.0913406	2.8	Cathinone	Stimulant	Cathinone		C9H11NO
127.05	242.13	369.1849067	11.45	CB-13	Synthetic Cannabinoid	Other	Parent	C26H24O2
155.05	214.13	369.1849067	11.45	CB-13	Synthetic Cannabinoid	Other	Parent	C26H24O2
171.04	198.14	369.1849067	11.45	CB-13	Synthetic Cannabinoid	Other	Parent	C26H24O2
299.11	70.07	369.1849067	11.45	CB-13	Synthetic Cannabinoid	Other	Parent	C26H24O2

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
369.18	0.00	369.1849067	11.45	CB-13	Synthetic Cannabinoid	Other	Parent	C26H24O2
369.19	-0.01	369.1849067	11.45	CB-13	Synthetic Cannabinoid	Other	Parent	C26H24O2
58.07	346.25	404.3159211	10.57	CB-25	Synthetic Cannabinoid	Other	Parent	C25H41NO3
181.12	223.20	404.3159211	10.57	CB-25	Synthetic Cannabinoid	Other	Parent	C25H41NO3
347.26	57.06	404.3159211	10.57	CB-25	Synthetic Cannabinoid	Other	Parent	C25H41NO3
387.29	17.03	404.3159211	10.57	CB-25	Synthetic Cannabinoid	Other	Parent	C25H41NO3
404.32	0.00	404.3159211	10.57	CB-25	Synthetic Cannabinoid	Other	Parent	C25H41NO3
58.07	360.26	418.3315711	10.89	CB-52	Synthetic Cannabinoid	Other	Parent	C26H43NO3
125.06	293.27	418.3315711	10.89	CB-52	Synthetic Cannabinoid	Other	Parent	C26H43NO3
291.2	127.13	418.3315711	10.89	CB-52	Synthetic Cannabinoid	Other	Parent	C26H43NO3
361.27	57.06	418.3315711	10.89	CB-52	Synthetic Cannabinoid	Other	Parent	C26H43NO3
418.33	0.00	418.3315711	10.89	CB-52	Synthetic Cannabinoid	Other	Parent	C26H43NO3
58.07	360.26	418.33157	10.78	CB-86	Synthetic Cannabinoid	Other	Parent	C26H43NO3
125.1	293.23	418.33157	10.78	CB-86	Synthetic Cannabinoid	Other	Parent	C26H43NO3
292.19	126.14	418.33157	10.78	CB-86	Synthetic Cannabinoid	Other	Parent	C26H43NO3
361.28	57.05	418.33157	10.78	CB-86	Synthetic Cannabinoid	Other	Parent	C26H43NO3
418.33	0.00	418.33157	10.78	CB-86	Synthetic Cannabinoid	Other	Parent	C26H43NO3
123.04	192.19	315.231857	10.18	CBD	Cannabinoid	Phytocannabinoid		C21H30O2
135.12	180.11	315.231857	10.18	CBD	Cannabinoid	Phytocannabinoid		C21H30O2
193.12	122.11	315.231857	10.18	CBD	Cannabinoid	Phytocannabinoid		C21H30O2
259.17	56.06	315.231857	10.18	CBD	Cannabinoid	Phytocannabinoid		C21H30O2
315.23	0.00	315.231857	10.18	CBD	Cannabinoid	Phytocannabinoid		C21H30O2
43.05	315.13	358.18016	10.92	CBL-018	Synthetic Cannabinoid	Other	Parent	C24H23NO2
116.05	242.13	358.18016	10.92	CBL-018	Synthetic Cannabinoid	Other	Parent	C24H23NO2
144.04	214.14	358.18016	10.92	CBL-018	Synthetic Cannabinoid	Other	Parent	C24H23NO2
158.06	200.12	358.18016	10.92	CBL-018	Synthetic Cannabinoid	Other	Parent	C24H23NO2
214.12	144.06	358.18016	10.92	CBL-018	Synthetic Cannabinoid	Other	Parent	C24H23NO2
358.18	0.00	358.18016	10.92	CBL-018	Synthetic Cannabinoid	Other	Parent	C24H23NO2
208.09	103.11	311.2005568	10.71	CBN	Cannabinoid	Phytocannabinoid		C21H26O2
223.11	88.09	311.2005568	10.71	CBN	Cannabinoid	Phytocannabinoid		C21H26O2
241.12	70.08	311.2005568	10.71	CBN	Cannabinoid	Phytocannabinoid		C21H26O2
293.19	18.01	311.2005568	10.71	CBN	Cannabinoid	Phytocannabinoid		C21H26O2
311.2	0.00	311.2005568	10.71	CBN	Cannabinoid	Phytocannabinoid		C21H26O2
246.15	221.14	467.2904346	3.97	Cephaeline	Unknown			C28H38N2O4
274.18	193.11	467.2904346	3.97	Cephaeline	Unknown			C28H38N2O4
422.23	45.06	467.2904346	3.97	Cephaeline	Unknown			C28H38N2O4
450.26	17.03	467.2904346	3.97	Cephaeline	Unknown			C28H38N2O4
467.29	0.00	467.2904346	3.97	Cephaeline	Unknown			C28H38N2O4
100.11	265.09	365.20237	9.52	CH-FUBIATA	Synthetic Cannabinoid	Other	Parent	C23H25FN2O
109.04	256.16	365.20237	9.52	CH-FUBIATA	Synthetic Cannabinoid	Other	Parent	C23H25FN2O
238.1	127.10	365.20237	9.52	CH-FUBIATA	Synthetic Cannabinoid	Other	Parent	C23H25FN2O
283.12	82.08	365.20237	9.52	CH-FUBIATA	Synthetic Cannabinoid	Other	Parent	C23H25FN2O
365.2	0.00	365.20237	9.52	CH-FUBIATA	Synthetic Cannabinoid	Other	Parent	C23H25FN2O
100.11	241.15	341.25874	10.37	CH-HEXIATA	Synthetic Cannabinoid			C22H32N2O
130.07	211.19	341.25874	10.37	CH-HEXIATA	Synthetic Cannabinoid			C22H32N2O
144.08	197.18	341.25874	10.37	CH-HEXIATA	Synthetic Cannabinoid			C22H32N2O



Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
214.16	127.10	341.25874	10.37	CH-HEXIATA	Synthetic Cannabinoid			C22H32N2O
341.26	0.00	341.25874	10.37	CH-HEXIATA	Synthetic Cannabinoid			C22H32N2O
227.05	73.04	300.0898165	6.06	Chlordiazepoxide	Benzodiazepine			C16H14ClN3O
247.11	52.98	300.0898165	6.06	Chlordiazepoxide	Benzodiazepine			C16H14ClN3O
282.08	18.01	300.0898165	6.06	Chlordiazepoxide	Benzodiazepine			C16H14ClN3O
283.09	17.00	300.0898165	6.06	Chlordiazepoxide	Benzodiazepine			C16H14ClN3O
300.09	0.00	300.0898165	6.06	Chlordiazepoxide	Benzodiazepine			C16H14ClN3O
142.16	178.03	320.1888	3.99	Chloroquine	Other Pharma			C18H26ClN3
179.03	141.16	320.1888	3.99	Chloroquine	Other Pharma			C18H26ClN3
191.03	129.16	320.1888	3.99	Chloroquine	Other Pharma			C18H26ClN3
247.1	73.09	320.1888	3.99	Chloroquine	Other Pharma			C18H26ClN3
320.19	0.00	320.1888	3.99	Chloroquine	Other Pharma			C18H26ClN3
167.07	108.06	275.130953	5.81	Chlorpheniramine	Other Pharma	Antihistamine		C16H19ClN2
180.08	95.05	275.130953	5.81	Chlorpheniramine	Other Pharma	Antihistamine		C16H19ClN2
201.03	74.10	275.130953	5.81	Chlorpheniramine	Other Pharma	Antihistamine		C16H19ClN2
202.04	73.09	275.130953	5.81	Chlorpheniramine	Other Pharma	Antihistamine		C16H19ClN2
230.07	45.06	275.130953	5.81	Chlorpheniramine	Other Pharma	Antihistamine		C16H19ClN2
275.13	0.00	275.130953	5.81	Chlorpheniramine	Other Pharma	Antihistamine		C16H19ClN2
84.08	272.07	356.15242	6.24	Chlorphine	Opioid	Other	Parent	C20H22ClN3O
103.05	253.10	356.15242	6.24	Chlorphine	Opioid	Other	Parent	C20H22ClN3O
139.03	217.12	356.15242	6.24	Chlorphine	Opioid	Other	Parent	C20H22ClN3O
218.13	138.02	356.15242	6.24	Chlorphine	Opioid	Other	Parent	C20H22ClN3O
356.15	0.00	356.15242	6.24	Chlorphine	Opioid	Other	Parent	C20H22ClN3O
58.07	261.03	319.1030248	7.54	Chlorpromazine	Other Pharma	Antipsychotic	Typical antipsychotic	C17H19ClN2S
86.1	233.00	319.1030248	7.54	Chlorpromazine	Other Pharma	Antipsychotic	Typical antipsychotic	C17H19ClN2S
239.08	80.02	319.1030248	7.54	Chlorpromazine	Other Pharma	Antipsychotic	Typical antipsychotic	C17H19ClN2S
246.01	73.09	319.1030248	7.54	Chlorpromazine	Other Pharma	Antipsychotic	Typical antipsychotic	C17H19ClN2S
319.1	0.00	319.1030248	7.54	Chlorpromazine	Other Pharma	Antipsychotic	Typical antipsychotic	C17H19ClN2S
97.1	282.12	379.21802	9.73	CHM-FUBIATA	Synthetic cannabinoid			C24H27FN2O
109.04	270.18	379.21802	9.73	CHM-FUBIATA	Synthetic cannabinoid			C24H27FN2O
114.13	265.09	379.21802	9.73	CHM-FUBIATA	Synthetic cannabinoid			C24H27FN2O
238.1	141.12	379.21802	9.73	CHM-FUBIATA	Synthetic cannabinoid			C24H27FN2O
379.22	0.00	379.21802	9.73	CHM-FUBIATA	Synthetic cannabinoid			C24H27FN2O
83.09	338.00	421.09214	8.85	CHO-4'Me-5'Br-FUBOXPYRA	Synthetic cannabinoid			C20H22BrFN2O2
109.05	312.04	421.09214	8.85	CHO-4'Me-5'Br-FUBOXPYRA	Synthetic cannabinoid			C20H22BrFN2O2
311.02	110.07	421.09214	8.85	CHO-4'Me-5'Br-FUBOXPYRA	Synthetic cannabinoid			C20H22BrFN2O2
403.08	18.01	421.09214	8.85	CHO-4'Me-5'Br-FUBOXPYRA	Synthetic cannabinoid			C20H22BrFN2O2
421.09	0.00	421.09214	8.85	CHO-4'Me-5'Br-FUBOXPYRA	Synthetic cannabinoid			C20H22BrFN2O2
100.11	227.13	327.24309	10.09	CH-PIATA	Synthetic Cannabinoid	Other	Parent	C21H30N2O
130.06	197.18	327.24309	10.09	CH-PIATA	Synthetic Cannabinoid	Other	Parent	C21H30N2O
144.08	183.16	327.24309	10.09	CH-PIATA	Synthetic Cannabinoid	Other	Parent	C21H30N2O
200.14	127.10	327.24309	10.09	CH-PIATA	Synthetic Cannabinoid	Other	Parent	C21H30N2O
327.24	0.00	327.24309	10.09	CH-PIATA	Synthetic Cannabinoid	Other	Parent	C21H30N2O
130.06	227.16	357.21727	8.18	CH-PIATA N-Pentanoic Acid	Synthetic Cannabinoid		Metabolite	C21H28N2O3
212.11	145.11	357.21727	8.18	CH-PIATA N-Pentanoic Acid	Synthetic Cannabinoid		Metabolite	C21H28N2O3
230.12	127.10	357.21727	8.18	CH-PIATA N-Pentanoic Acid	Synthetic Cannabinoid		Metabolite	C21H28N2O3

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
240.1	117.12	357.21727	8.18	CH-PIATA N-Pentanoic Acid	Synthetic Cannabinoid		Metabolite	C21H28N2O3
357.22	0.00	357.21727	8.18	CH-PIATA N-Pentanoic Acid	Synthetic Cannabinoid		Metabolite	C21H28N2O3
314.04	146.98	461.01969	9.54	Ciclotizolam	Benzodiazepine			C20H18BrCIN4S
327.04	133.98	461.01969	9.54	Ciclotizolam	Benzodiazepine			C20H18BrCIN4S
347.13	113.89	461.01969	9.54	Ciclotizolam	Benzodiazepine			C20H18BrCIN4S
382.1	78.92	461.01969	9.54	Ciclotizolam	Benzodiazepine			C20H18BrCIN4S
461.02	0.00	461.01969	9.54	Ciclotizolam	Benzodiazepine			C20H18BrCIN4S
240.04	224.94	464.98474	7.92	Cinazepam	Benzodiazepine			C19H14BrCIN2O5
320.96	144.02	464.98474	7.92	Cinazepam	Benzodiazepine			C19H14BrCIN2O5
348.96	116.02	464.98474	7.92	Cinazepam	Benzodiazepine			C19H14BrCIN2O5
366.97	98.01	464.98474	7.92	Cinazepam	Benzodiazepine			C19H14BrCIN2O5
464.98	0.00	464.98474	7.92	Cinazepam	Benzodiazepine			C19H14BrCIN2O5
466.98	-2.00	464.98474	7.92	Cinazepam	Benzodiazepine			C19H14BrCIN2O5
109.04	216.13	325.1710682	6.45	Citalopram	Benzodiazepine			C20H21FN2O
116.05	209.12	325.1710682	6.45	Citalopram	Benzodiazepine			C20H21FN2O
234.07	91.10	325.1710682	6.45	Citalopram	Benzodiazepine			C20H21FN2O
262.1	63.07	325.1710682	6.45	Citalopram	Benzodiazepine			C20H21FN2O
325.17	0.00	325.1710682	6.45	Citalopram	Benzodiazepine			C20H21FN2O
144.04	250.10	394.13685	10.33	CI-2201	Synthetic Cannabinoid	Other	Parent	C24H21CIFNO
161.01	233.13	394.13685	10.33	CI-2201	Synthetic Cannabinoid	Other	Parent	C24H21CIFNO
189.01	205.13	394.13685	10.33	CI-2201	Synthetic Cannabinoid	Other	Parent	C24H21CIFNO
232.11	162.03	394.13685	10.33	CI-2201	Synthetic Cannabinoid	Other	Parent	C24H21CIFNO
394.14	0.00	394.13685	10.33	CI-2201	Synthetic Cannabinoid	Other	Parent	C24H21CIFNO
105.03	196.04	301.073832	7.55	Clobazam	Benzodiazepine			C16H13CIN2O2
153.02	148.05	301.073832	7.55	Clobazam	Benzodiazepine			C16H13CIN2O2
224.09	76.98	301.073832	7.55	Clobazam	Benzodiazepine			C16H13CIN2O2
259.06	42.01	301.073832	7.55	Clobazam	Benzodiazepine			C16H13CIN2O2
301.07	0.00	301.073832	7.55	Clobazam	Benzodiazepine			C16H13CIN2O2
58.07	257.09	315.1622532	7.66	Clomipramine	Other Pharma	Antidepressant	Tricyclic antidepressant	C19H23CIN2
86.1	229.06	315.1622532	7.66	Clomipramine	Other Pharma	Antidepressant	Tricyclic antidepressant	C19H23CIN2
242.07	73.09	315.1622532	7.66	Clomipramine	Other Pharma	Antidepressant	Tricyclic antidepressant	C19H23CIN2
270.1	45.06	315.1622532	7.66	Clomipramine	Other Pharma	Antidepressant	Tricyclic antidepressant	C19H23CIN2
315.16	0.00	315.1622532	7.66	Clomipramine	Other Pharma	Antidepressant	Tricyclic antidepressant	C19H23CIN2
207.09	108.96	316.0483456	7.11	Clonazepam	Benzodiazepine			C15H10CIN3O3
214.04	102.01	316.0483456	7.11	Clonazepam	Benzodiazepine			C15H10CIN3O3
241.05	75.00	316.0483456	7.11	Clonazepam	Benzodiazepine			C15H10CIN3O3
270.06	45.99	316.0483456	7.11	Clonazepam	Benzodiazepine			C15H10CIN3O3
316.05	0.00	316.0483456	7.11	Clonazepam	Benzodiazepine			C15H10CIN3O3
273.11	80.97	354.0752	6.94	Clonazolam	Benzodiazepine			C17H12CIN5O2
280.06	74.02	354.0752	6.94	Clonazolam	Benzodiazepine			C17H12CIN5O2
308.08	46.00	354.0752	6.94	Clonazolam	Benzodiazepine			C17H12CIN5O2
326.06	28.02	354.0752	6.94	Clonazolam	Benzodiazepine			C17H12CIN5O2
354.08	0.00	354.0752	6.94	Clonazolam	Benzodiazepine			C17H12CIN5O2
44.05	185.97	230.0246293	3.4	Clonidine	Other Pharma			C9H9Cl2N3
186.98	43.04	230.0246293	3.4	Clonidine	Other Pharma			C9H9Cl2N3
194.05	35.97	230.0246293	3.4	Clonidine	Other Pharma			C9H9Cl2N3

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
213	17.02	230.0246293	3.4	Clonidine	Other Pharma			C9H9Cl2N3
230.02	0.00	230.0246293	3.4	Clonidine	Other Pharma			C9H9Cl2N3
44.05	343.11	387.15823	6.69	Clonitazene	Opioid	Nitazene	Parent	C20H23ClN4O2
72.08	315.08	387.15823	6.69	Clonitazene	Opioid	Nitazene	Parent	C20H23ClN4O2
100.11	287.05	387.15823	6.69	Clonitazene	Opioid	Nitazene	Parent	C20H23ClN4O2
125.01	262.15	387.15823	6.69	Clonitazene	Opioid	Nitazene	Parent	C20H23ClN4O2
387.16	0.00	387.15823	6.69	Clonitazene	Opioid	Nitazene	Parent	C20H23ClN4O2
192.07	135.07	327.137101	6.29	Clozapine	Other Pharma	Antipsychotic	Atypical antipsychotic	C18H19ClN4
227.04	100.10	327.137101	6.29	Clozapine	Other Pharma	Antipsychotic	Atypical antipsychotic	C18H19ClN4
270.08	57.06	327.137101	6.29	Clozapine	Other Pharma	Antipsychotic	Atypical antipsychotic	C18H19ClN4
296.1	31.04	327.137101	6.29	Clozapine	Other Pharma	Antipsychotic	Atypical antipsychotic	C18H19ClN4
327.14	0.00	327.137101	6.29	Clozapine	Other Pharma	Antipsychotic	Atypical antipsychotic	C18H19ClN4
82.07	236.10	318.169985	5.75	Cocaethylene	Stimulant		Metabolite	C18H23NO4
105.03	213.14	318.169985	5.75	Cocaethylene	Stimulant		Metabolite	C18H23NO4
150.09	168.08	318.169985	5.75	Cocaethylene	Stimulant		Metabolite	C18H23NO4
196.13	122.04	318.169985	5.75	Cocaethylene	Stimulant		Metabolite	C18H23NO4
318.17	0.00	318.169985	5.75	Cocaethylene	Stimulant		Metabolite	C18H23NO4
82.07	222.08	304.1543349	5.24	Cocaine	Stimulant			C17H21NO4
105.03	199.12	304.1543349	5.24	Cocaine	Stimulant			C17H21NO4
150.09	154.06	304.1543349	5.24	Cocaine	Stimulant			C17H21NO4
182.12	122.03	304.1543349	5.24	Cocaine	Stimulant			C17H21NO4
304.15	0.00	304.1543349	5.24	Cocaine	Stimulant			C17H21NO4
199.08	101.08	300.1594203	3.48	Codeine	Opioid	Opiate		C18H21NO3
215.11	85.05	300.1594203	3.48	Codeine	Opioid	Opiate		C18H21NO3
225.09	75.07	300.1594203	3.48	Codeine	Opioid	Opiate		C18H21NO3
243.1	57.06	300.1594203	3.48	Codeine	Opioid	Opiate		C18H21NO3
300.16	0.00	300.1594203	3.48	Codeine	Opioid	Opiate		C18H21NO3
80.05	97.05	177.1022396	1.07	Cotinine	Stimulant		Metabolite	C10H12N2O
98.06	79.04	177.1022396	1.07	Cotinine	Stimulant		Metabolite	C10H12N2O
118.07	59.03	177.1022396	1.07	Cotinine	Stimulant		Metabolite	C10H12N2O
146.06	31.04	177.1022396	1.07	Cotinine	Stimulant		Metabolite	C10H12N2O
177.1	0.00	177.1022396	1.07	Cotinine	Stimulant		Metabolite	C10H12N2O
121.1	256.21	377.30502	9.85	CP-55,940	Synthetic Cannabinoid	Other	Parent	C24H40O3
139.11	238.20	377.30502	9.85	CP-55,940	Synthetic Cannabinoid	Other	Parent	C24H40O3
215.14	162.17	377.30502	9.85	CP-55,940	Synthetic Cannabinoid	Other	Parent	C24H40O3
233.19	144.12	377.30502	9.85	CP-55,940	Synthetic Cannabinoid	Other	Parent	C24H40O3
377.17	0.14	377.30502	9.85	CP-55,940	Synthetic Cannabinoid	Other	Parent	C24H40O3
377.31	0.00	377.30502	9.85	CP-55,940	Synthetic Cannabinoid	Other	Parent	C24H40O3
105.07	244.16	349.2274	6.52	Crotonyl Fentanyl	Opioid	Fentanyl	Parent	C23H28N2O
134.1	215.13	349.2274	6.52	Crotonyl Fentanyl	Opioid	Fentanyl	Parent	C23H28N2O
188.14	161.09	349.2274	6.52	Crotonyl Fentanyl	Opioid	Fentanyl	Parent	C23H28N2O
228.14	121.09	349.2274	6.52	Crotonyl Fentanyl	Opioid	Fentanyl	Parent	C23H28N2O
349.23	0.00	349.2274	6.52	Crotonyl Fentanyl	Opioid	Fentanyl	Parent	C23H28N2O
118.06	229.15	347.21179	9.77	CUMYL-CBMICA	Synthetic Cannabinoid	Other	Parent	C23H26N2O
119.08	228.13	347.21179	9.77	CUMYL-CBMICA	Synthetic Cannabinoid	Other	Parent	C23H26N2O
186.13	161.08	347.21179	9.77	CUMYL-CBMICA	Synthetic Cannabinoid	Other	Parent	C23H26N2O

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
212.11	135.10	347.21179	9.77	CUMYL-CBMICA	Synthetic Cannabinoid	Other	Parent	C23H26N2O
229.13	118.08	347.21179	9.77	CUMYL-CBMICA	Synthetic Cannabinoid	Other	Parent	C23H26N2O
347.21	0.00	347.21179	9.77	CUMYL-CBMICA	Synthetic Cannabinoid	Other	Parent	C23H26N2O
91.05	189.09	280.14444	8.01	CUMYL-INACA	Synthetic Cannabinoid		Parent	C17H17N3O
119.08	161.06	280.14444	8.01	CUMYL-INACA	Synthetic Cannabinoid		Parent	C17H17N3O
145.04	135.10	280.14444	8.01	CUMYL-INACA	Synthetic Cannabinoid		Parent	C17H17N3O
162.06	118.08	280.14444	8.01	CUMYL-INACA	Synthetic Cannabinoid		Parent	C17H17N3O
280.14	0.00	280.14444	8.01	CUMYL-INACA	Synthetic Cannabinoid		Parent	C17H17N3O
280.15	-0.01	280.14444	8.01	CUMYL-INACA	Synthetic Cannabinoid		Parent	C17H17N3O
109.1	278.14	387.24309	10.41	CUMYL-NBMICA	Synthetic Cannabinoid	Other	Parent	C26H30N2O
119.08	268.16	387.24309	10.41	CUMYL-NBMICA	Synthetic Cannabinoid	Other	Parent	C26H30N2O
226.16	161.08	387.24309	10.41	CUMYL-NBMICA	Synthetic Cannabinoid	Other	Parent	C26H30N2O
252.14	135.10	387.24309	10.41	CUMYL-NBMICA	Synthetic Cannabinoid	Other	Parent	C26H30N2O
269.17	118.07	387.24309	10.41	CUMYL-NBMICA	Synthetic Cannabinoid	Other	Parent	C26H30N2O
387.24	0.00	387.24309	10.41	CUMYL-NBMICA	Synthetic Cannabinoid	Other	Parent	C26H30N2O
119.08	254.15	373.22744	10.2	CUMYL-PeGACLONE	Synthetic Cannabinoid	Other	Parent	C25H28N2O
167.06	206.17	373.22744	10.2	CUMYL-PeGACLONE	Synthetic Cannabinoid	Other	Parent	C25H28N2O
185.07	188.16	373.22744	10.2	CUMYL-PeGACLONE	Synthetic Cannabinoid	Other	Parent	C25H28N2O
255.15	118.08	373.22744	10.2	CUMYL-PeGACLONE	Synthetic Cannabinoid	Other	Parent	C25H28N2O
327.14	46.09	373.22744	10.2	CUMYL-PeGACLONE	Synthetic Cannabinoid	Other	Parent	C25H28N2O
373.23	0.00	373.22744	10.2	CUMYL-PeGACLONE	Synthetic Cannabinoid	Other	Parent	C25H28N2O
119.08	230.15	349.22744	9.99	CUMYL-PICA	Synthetic Cannabinoid	Other	Parent	C23H28N2O
132.08	217.15	349.22744	9.99	CUMYL-PICA	Synthetic Cannabinoid	Other	Parent	C23H28N2O
188.14	161.09	349.22744	9.99	CUMYL-PICA	Synthetic Cannabinoid	Other	Parent	C23H28N2O
214.12	135.11	349.22744	9.99	CUMYL-PICA	Synthetic Cannabinoid	Other	Parent	C23H28N2O
231.15	118.08	349.22744	9.99	CUMYL-PICA	Synthetic Cannabinoid	Other	Parent	C23H28N2O
349.23	0.00	349.22744	9.99	CUMYL-PICA	Synthetic Cannabinoid	Other	Parent	C23H28N2O
112.11	279.14	391.24924	6.96	CUMYL-PIPETINACA	Synthetic Cannabinoid	Other	Parent	C24H30N4O
119.08	272.17	391.24924	6.96	CUMYL-PIPETINACA	Synthetic Cannabinoid	Other	Parent	C24H30N4O
256.14	135.11	391.24924	6.96	CUMYL-PIPETINACA	Synthetic Cannabinoid	Other	Parent	C24H30N4O
273.17	118.08	391.24924	6.96	CUMYL-PIPETINACA	Synthetic Cannabinoid	Other	Parent	C24H30N4O
391.25	0.00	391.24924	6.96	CUMYL-PIPETINACA	Synthetic Cannabinoid	Other	Parent	C24H30N4O
119.09	259.13	378.2176	9.19	CUMYL-THPINACA	Synthetic Cannabinoid	Other	Parent	C23H27N3O2
233.12	145.10	378.2176	9.19	CUMYL-THPINACA	Synthetic Cannabinoid	Other	Parent	C23H27N3O2
243.11	135.11	378.2176	9.19	CUMYL-THPINACA	Synthetic Cannabinoid	Other	Parent	C23H27N3O2
260.14	118.08	378.2176	9.19	CUMYL-THPINACA	Synthetic Cannabinoid	Other	Parent	C23H27N3O2
378.17	0.05	378.2176	9.19	CUMYL-THPINACA	Synthetic Cannabinoid	Other	Parent	C23H27N3O2
378.22	0.00	378.2176	9.19	CUMYL-THPINACA	Synthetic Cannabinoid	Other	Parent	C23H27N3O2
91.05	343.10	434.15329	10.08	CUMYL-TsINACA	Synthetic Cannabinoid	Other	Parent	C24H23N3O3S
119.08	315.07	434.15329	10.08	CUMYL-TsINACA	Synthetic Cannabinoid	Other	Parent	C24H23N3O3S
155.02	279.13	434.15329	10.08	CUMYL-TsINACA	Synthetic Cannabinoid	Other	Parent	C24H23N3O3S
299.05	135.10	434.15329	10.08	CUMYL-TsINACA	Synthetic Cannabinoid	Other	Parent	C24H23N3O3S
316.07	118.08	434.15329	10.08	CUMYL-TsINACA	Synthetic Cannabinoid	Other	Parent	C24H23N3O3S
434.15	0.00	434.15329	10.08	CUMYL-TsINACA	Synthetic Cannabinoid	Other	Parent	C24H23N3O3S
205.1	71.07	276.1746763	7.02	Cyclobenzaprine	Other Pharma	Anticonvulsant		C20H21N
215.09	61.08	276.1746763	7.02	Cyclobenzaprine	Other Pharma	Anticonvulsant		C20H21N

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
216.09	60.08	276.1746763	7.02	Cyclobenzaprine	Other Pharma	Anticonvulsant		C20H21N
231.12	45.05	276.1746763	7.02	Cyclobenzaprine	Other Pharma	Anticonvulsant		C20H21N
276.17	0.00	276.1746763	7.02	Cyclobenzaprine	Other Pharma	Anticonvulsant		C20H21N
279.18	-3.01	276.1746763	7.02	Cyclobenzaprine	Other Pharma	Anticonvulsant		C20H21N
105.07	258.17	363.24309	6.95	Cyclobutylfentanyl	Opioid	Fentalog	Parent	C24H30N2O
188.14	175.10	363.24309	6.95	Cyclobutylfentanyl	Opioid	Fentalog	Parent	C24H30N2O
242.15	121.09	363.24309	6.95	Cyclobutylfentanyl	Opioid	Fentalog	Parent	C24H30N2O
281.2	82.04	363.24309	6.95	Cyclobutylfentanyl	Opioid	Fentalog	Parent	C24H30N2O
363.24	0.00	363.24309	6.95	Cyclobutylfentanyl	Opioid	Fentalog	Parent	C24H30N2O
105.07	286.20	391.2744	7.63	Cyclohexyl Fentanyl	Opioid	Fentalog	Parent	C26H34N2O
188.14	203.13	391.2744	7.63	Cyclohexyl Fentanyl	Opioid	Fentalog	Parent	C26H34N2O
270.19	121.08	391.2744	7.63	Cyclohexyl Fentanyl	Opioid	Fentalog	Parent	C26H34N2O
281.2	110.07	391.2744	7.63	Cyclohexyl Fentanyl	Opioid	Fentalog	Parent	C26H34N2O
391.27	0.00	391.2744	7.63	Cyclohexyl Fentanyl	Opioid	Fentalog	Parent	C26H34N2O
391.28	-0.01	391.2744	7.63	Cyclohexyl Fentanyl	Opioid	Fentalog	Parent	C26H34N2O
105.07	272.19	377.2587	7.3	Cyclopentyl Fentanyl	Opioid	Fentalog	Parent	C25H32N2O
188.14	189.12	377.2587	7.3	Cyclopentyl Fentanyl	Opioid	Fentalog	Parent	C25H32N2O
256.17	121.09	377.2587	7.3	Cyclopentyl Fentanyl	Opioid	Fentalog	Parent	C25H32N2O
281.2	96.06	377.2587	7.3	Cyclopentyl Fentanyl	Opioid	Fentalog	Parent	C25H32N2O
377.26	0.00	377.2587	7.3	Cyclopentyl Fentanyl	Opioid	Fentalog	Parent	C25H32N2O
105.07	258.17	363.24309	6.71	Cyclopropaneacetylfentanyl	Opioid	Fentalog	Parent	C24H30N2O
134.1	229.14	363.24309	6.71	Cyclopropaneacetylfentanyl	Opioid	Fentalog	Parent	C24H30N2O
188.14	175.10	363.24309	6.71	Cyclopropaneacetylfentanyl	Opioid	Fentalog	Parent	C24H30N2O
242.15	121.09	363.24309	6.71	Cyclopropaneacetylfentanyl	Opioid	Fentalog	Parent	C24H30N2O
363.24	0.00	363.24309	6.71	Cyclopropaneacetylfentanyl	Opioid	Fentalog	Parent	C24H30N2O
105.07	244.16	349.2274	6.48	Cyclopropyl Fentanyl	Opioid	Fentalog	Parent	C23H28N2O
188.14	161.09	349.2274	6.48	Cyclopropyl Fentanyl	Opioid	Fentalog	Parent	C23H28N2O
228.14	121.09	349.2274	6.48	Cyclopropyl Fentanyl	Opioid	Fentalog	Parent	C23H28N2O
281.2	68.03	349.2274	6.48	Cyclopropyl Fentanyl	Opioid	Fentalog	Parent	C23H28N2O
349.23	0.00	349.2274	6.48	Cyclopropyl Fentanyl	Opioid	Fentalog	Parent	C23H28N2O
81.07	274.06	355.13385	6.91	Cyclopropyl U-47700	Opioid	Utopioid		C18H24Cl2N2O
172.96	182.17	355.13385	6.91	Cyclopropyl U-47700	Opioid	Utopioid		C18H24Cl2N2O
230.01	125.12	355.13385	6.91	Cyclopropyl U-47700	Opioid	Utopioid		C18H24Cl2N2O
310.08	45.05	355.13385	6.91	Cyclopropyl U-47700	Opioid	Utopioid		C18H24Cl2N2O
355.13	0.00	355.13385	6.91	Cyclopropyl U-47700	Opioid	Utopioid		C18H24Cl2N2O
91.06	176.13	267.1855754	5.54	DBZP	Stimulant	Piperazine		C18H22N2
120.08	147.11	267.1855754	5.54	DBZP	Stimulant	Piperazine		C18H22N2
134.1	133.09	267.1855754	5.54	DBZP	Stimulant	Piperazine		C18H22N2
175.12	92.07	267.1855754	5.54	DBZP	Stimulant	Piperazine		C18H22N2
267.19	0.00	267.1855754	5.54	DBZP	Stimulant	Piperazine		C18H22N2
140.03	164.99	305.024295	7.74	Delorazepam	Benzodiazepine			C15H10Cl2N2O
165.02	140.00	305.024295	7.74	Delorazepam	Benzodiazepine			C15H10Cl2N2O
241.05	63.97	305.024295	7.74	Delorazepam	Benzodiazepine			C15H10Cl2N2O
242.06	62.96	305.024295	7.74	Delorazepam	Benzodiazepine			C15H10Cl2N2O
305.02	0.00	305.024295	7.74	Delorazepam	Benzodiazepine			C15H10Cl2N2O
123.04	192.19	315.23186	10.98	Delta-4(8)-iso-THC	Cannabinoid	Phytocannabinoid	Metabolite	C21H30O2

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
135.12	180.11	315.23186	10.98	Delta-4(8)-iso-THC	Cannabinoid	Phytocannabinoid	Metabolite	C21H30O2
193.12	122.11	315.23186	10.98	Delta-4(8)-iso-THC	Cannabinoid	Phytocannabinoid	Metabolite	C21H30O2
259.17	56.06	315.23186	10.98	Delta-4(8)-iso-THC	Cannabinoid	Phytocannabinoid	Metabolite	C21H30O2
315.23	0.00	315.23186	10.98	Delta-4(8)-iso-THC	Cannabinoid	Phytocannabinoid	Metabolite	C21H30O2
187.08	158.13	345.20604	10.13	Delta-8 Carboxy-THC	Cannabinoid	Phytocannabinoid		C21H28O4
193.12	152.09	345.20604	10.13	Delta-8 Carboxy-THC	Cannabinoid	Phytocannabinoid		C21H28O4
299.2	46.01	345.20604	10.13	Delta-8 Carboxy-THC	Cannabinoid	Phytocannabinoid		C21H28O4
327.19	18.02	345.20604	10.13	Delta-8 Carboxy-THC	Cannabinoid	Phytocannabinoid		C21H28O4
345.2	0.01	345.20604	10.13	Delta-8 Carboxy-THC	Cannabinoid	Phytocannabinoid		C21H28O4
345.21	0.00	345.20604	10.13	Delta-8 Carboxy-THC	Cannabinoid	Phytocannabinoid		C21H28O4
123.04	192.19	315.23186	11.17	Delta-8 THC	Cannabinoid	Phytocannabinoid		C21H30O2
135.12	180.11	315.23186	11.17	Delta-8 THC	Cannabinoid	Phytocannabinoid		C21H30O2
193.12	122.11	315.23186	11.17	Delta-8 THC	Cannabinoid	Phytocannabinoid		C21H30O2
259.17	56.06	315.23186	11.17	Delta-8 THC	Cannabinoid	Phytocannabinoid		C21H30O2
315.23	0.00	315.23186	11.17	Delta-8 THC	Cannabinoid	Phytocannabinoid		C21H30O2
123.04	192.19	315.23186	11.1	Delta-8-iso-THC	Cannabinoid	Phytocannabinoid		C21H30O2
135.12	180.11	315.23186	11.1	Delta-8-iso-THC	Cannabinoid	Phytocannabinoid		C21H30O2
193.12	122.11	315.23186	11.1	Delta-8-iso-THC	Cannabinoid	Phytocannabinoid		C21H30O2
259.17	56.06	315.23186	11.1	Delta-8-iso-THC	Cannabinoid	Phytocannabinoid		C21H30O2
315.23	0.00	315.23186	11.1	Delta-8-iso-THC	Cannabinoid	Phytocannabinoid		C21H30O2
135.12	222.12	357.24242	11.55	Delta-9-THC Acetate	Cannabinoid	Phytocannabinoid		C23H32O3
193.12	164.12	357.24242	11.55	Delta-9-THC Acetate	Cannabinoid	Phytocannabinoid		C23H32O3
221.15	136.09	357.24242	11.55	Delta-9-THC Acetate	Cannabinoid	Phytocannabinoid		C23H32O3
259.17	98.07	357.24242	11.55	Delta-9-THC Acetate	Cannabinoid	Phytocannabinoid		C23H32O3
315.23	42.01	357.24242	11.55	Delta-9-THC Acetate	Cannabinoid	Phytocannabinoid		C23H32O3
357.24	0.00	357.24242	11.55	Delta-9-THC Acetate	Cannabinoid	Phytocannabinoid		C23H32O3
135.12	194.13	329.24751	11.99	Delta-9-THC Methyl Ether	Cannabinoid	Phytocannabinoid		C22H32O2
207.14	122.11	329.24751	11.99	Delta-9-THC Methyl Ether	Cannabinoid	Phytocannabinoid		C22H32O2
235.17	94.08	329.24751	11.99	Delta-9-THC Methyl Ether	Cannabinoid	Phytocannabinoid		C22H32O2
273.19	56.06	329.24751	11.99	Delta-9-THC Methyl Ether	Cannabinoid	Phytocannabinoid		C22H32O2
329.25	0.00	329.24751	11.99	Delta-9-THC Methyl Ether	Cannabinoid	Phytocannabinoid		C22H32O2
123.04	178.18	301.21621	10.66	Delta-9-THCB	Cannabinoid	Phytocannabinoid		C20H28O2
135.12	166.10	301.21621	10.66	Delta-9-THCB	Cannabinoid	Phytocannabinoid		C20H28O2
179.11	122.11	301.21621	10.66	Delta-9-THCB	Cannabinoid	Phytocannabinoid		C20H28O2
245.15	56.07	301.21621	10.66	Delta-9-THCB	Cannabinoid	Phytocannabinoid		C20H28O2
301.22	0.00	301.21621	10.66	Delta-9-THCB	Cannabinoid	Phytocannabinoid		C20H28O2
135.12	222.16	357.27881	11.8	Delta-9-THC-C8	Cannabinoid	Phytocannabinoid		C24H36O2
235.17	122.11	357.27881	11.8	Delta-9-THC-C8	Cannabinoid	Phytocannabinoid		C24H36O2
275.2	82.08	357.27881	11.8	Delta-9-THC-C8	Cannabinoid	Phytocannabinoid		C24H36O2
301.22	56.06	357.27881	11.8	Delta-9-THC-C8	Cannabinoid	Phytocannabinoid		C24H36O2
357.28	0.00	357.27881	11.8	Delta-9-THC-C8	Cannabinoid	Phytocannabinoid		C24H36O2
93.07	180.11	273.18491	9.96	Delta-9-THCE	Cannabinoid	Phytocannabinoid		C18H24O2
135.12	138.06	273.18491	9.96	Delta-9-THCE	Cannabinoid	Phytocannabinoid		C18H24O2
151.08	122.10	273.18491	9.96	Delta-9-THCE	Cannabinoid	Phytocannabinoid		C18H24O2
217.12	56.06	273.18491	9.96	Delta-9-THCE	Cannabinoid	Phytocannabinoid		C18H24O2
273.18	0.00	273.18491	9.96	Delta-9-THCE	Cannabinoid	Phytocannabinoid		C18H24O2

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
273.19	-0.01	273.18491	9.96	Delta-9-THCE	Cannabinoid	Phytocannabinoid		C18H24O2
123.04	206.21	329.24751	11.24	Delta-9-THCH	Cannabinoid	Phytocannabinoid		C22H32O2
135.12	194.13	329.24751	11.24	Delta-9-THCH	Cannabinoid	Phytocannabinoid		C22H32O2
207.14	122.11	329.24751	11.24	Delta-9-THCH	Cannabinoid	Phytocannabinoid		C22H32O2
273.19	56.06	329.24751	11.24	Delta-9-THCH	Cannabinoid	Phytocannabinoid		C22H32O2
329.25	0.00	329.24751	11.24	Delta-9-THCH	Cannabinoid	Phytocannabinoid		C22H32O2
81.07	178.10	259.16926	9.6	Delta-9-THCO	Cannabinoid	Phytocannabinoid		C17H22O2
135.12	124.05	259.16926	9.6	Delta-9-THCO	Cannabinoid	Phytocannabinoid		C17H22O2
137.06	122.11	259.16926	9.6	Delta-9-THCO	Cannabinoid	Phytocannabinoid		C17H22O2
203.11	56.06	259.16926	9.6	Delta-9-THCO	Cannabinoid	Phytocannabinoid		C17H22O2
259.17	0.00	259.16926	9.6	Delta-9-THCO	Cannabinoid	Phytocannabinoid		C17H22O2
123.04	220.22	343.26316	11.47	Delta-9-THCP	Cannabinoid	Phytocannabinoid		C23H34O2
135.12	208.14	343.26316	11.47	Delta-9-THCP	Cannabinoid	Phytocannabinoid		C23H34O2
221.15	122.11	343.26316	11.47	Delta-9-THCP	Cannabinoid	Phytocannabinoid		C23H34O2
287.2	56.06	343.26316	11.47	Delta-9-THCP	Cannabinoid	Phytocannabinoid		C23H34O2
343.26	0.00	343.26316	11.47	Delta-9-THCP	Cannabinoid	Phytocannabinoid		C23H34O2
67.05	165.12	232.16959	5.27	Deoxymethoxetamine (DMXE)	Stimulant	Arylcyclohexylamine		C15H21NO
105.07	127.10	232.16959	5.27	Deoxymethoxetamine (DMXE)	Stimulant	Arylcyclohexylamine		C15H21NO
143.08	89.09	232.16959	5.27	Deoxymethoxetamine (DMXE)	Stimulant	Arylcyclohexylamine		C15H21NO
159.12	73.05	232.16959	5.27	Deoxymethoxetamine (DMXE)	Stimulant	Arylcyclohexylamine		C15H21NO
187.11	45.06	232.16959	5.27	Deoxymethoxetamine (DMXE)	Stimulant	Arylcyclohexylamine		C15H21NO
232.17	0.00	232.16959	5.27	Deoxymethoxetamine (DMXE)	Stimulant	Arylcyclohexylamine		C15H21NO
140.03	149.02	289.0538455	7.5	Desalkylflurazepam	Benzodiazepine			C15H10ClFN2O
214.04	75.01	289.0538455	7.5	Desalkylflurazepam	Benzodiazepine			C15H10ClFN2O
226.09	62.96	289.0538455	7.5	Desalkylflurazepam	Benzodiazepine			C15H10ClFN2O
261.06	27.99	289.0538455	7.5	Desalkylflurazepam	Benzodiazepine			C15H10ClFN2O
289.05	0.00	289.0538455	7.5	Desalkylflurazepam	Benzodiazepine			C15H10ClFN2O
183.97	131.04	315.01275	7.9	Desalkylgidazepam	Benzodiazepine			C15H11BrN2O
208.1	106.91	315.01275	7.9	Desalkylgidazepam	Benzodiazepine			C15H11BrN2O
208.97	106.04	315.01275	7.9	Desalkylgidazepam	Benzodiazepine			C15H11BrN2O
287.01	28.00	315.01275	7.9	Desalkylgidazepam	Benzodiazepine			C15H11BrN2O
315.01	0.00	315.01275	7.9	Desalkylgidazepam	Benzodiazepine			C15H11BrN2O
109.04	195.99	305.031	8.13	Desalkylquazepam	Benzodiazepine			C15H10ClFN2S
150.01	155.02	305.031	8.13	Desalkylquazepam	Benzodiazepine			C15H10ClFN2S
236.07	68.96	305.031	8.13	Desalkylquazepam	Benzodiazepine			C15H10ClFN2S
271.04	33.99	305.031	8.13	Desalkylquazepam	Benzodiazepine			C15H10ClFN2S
305.03	0.00	305.031	8.13	Desalkylquazepam	Benzodiazepine			C15H10ClFN2S
211.04	104.01	315.04657	7.36	Deschloroclotizolam	Benzodiazepine			C15H11ClN4S
261.03	54.02	315.04657	7.36	Deschloroclotizolam	Benzodiazepine			C15H11ClN4S
280.08	34.97	315.04657	7.36	Deschloroclotizolam	Benzodiazepine			C15H11ClN4S
287.03	28.02	315.04657	7.36	Deschloroclotizolam	Benzodiazepine			C15H11ClN4S
315.05	0.00	315.04657	7.36	Deschloroclotizolam	Benzodiazepine			C15H11ClN4S
225.06	84.06	309.11684	7.62	Deschloroetizolam	Benzodiazepine			C17H16N4S
240.08	69.04	309.11684	7.62	Deschloroetizolam	Benzodiazepine			C17H16N4S
255.09	54.03	309.11684	7.62	Deschloroetizolam	Benzodiazepine			C17H16N4S
280.08	29.04	309.11684	7.62	Deschloroetizolam	Benzodiazepine			C17H16N4S

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
309.12	0.00	309.11684	7.62	Deschloroetizolam	Benzodiazepine			C17H16N4S
91.05	113.09	204.13829	4.29	Deschloroketamine	Stimulant	Arylcyclohexylamine		C13H17NO
117.07	87.07	204.13829	4.29	Deschloroketamine	Stimulant	Arylcyclohexylamine		C13H17NO
129.07	75.07	204.13829	4.29	Deschloroketamine	Stimulant	Arylcyclohexylamine		C13H17NO
145.1	59.04	204.13829	4.29	Deschloroketamine	Stimulant	Arylcyclohexylamine		C13H17NO
173.1	31.04	204.13829	4.29	Deschloroketamine	Stimulant	Arylcyclohexylamine		C13H17NO
204.14	0.00	204.13829	4.29	Deschloroketamine	Stimulant	Arylcyclohexylamine		C13H17NO
91.05	99.07	190.12264	4.09	Deschl原因onorketamine	Stimulant	Arylcyclohexylamine	Metabolite	C12H15NO
117.07	73.05	190.12264	4.09	Deschl原因onorketamine	Stimulant	Arylcyclohexylamine	Metabolite	C12H15NO
129.07	61.05	190.12264	4.09	Deschl原因onorketamine	Stimulant	Arylcyclohexylamine	Metabolite	C12H15NO
145.1	45.02	190.12264	4.09	Deschl原因onorketamine	Stimulant	Arylcyclohexylamine	Metabolite	C12H15NO
173.09	17.03	190.12264	4.09	Deschl原因onorketamine	Stimulant	Arylcyclohexylamine	Metabolite	C12H15NO
190.12	0.00	190.12264	4.09	Deschl原因onorketamine	Stimulant	Arylcyclohexylamine	Metabolite	C12H15NO
44.05	223.14	267.1855754	7.04	Desipramine	Other Pharma	Antidepressant	Tricyclic antidepressant	C18H22N2
72.08	195.11	267.1855754	7.04	Desipramine	Other Pharma	Antidepressant	Tricyclic antidepressant	C18H22N2
193.09	74.10	267.1855754	7.04	Desipramine	Other Pharma	Antidepressant	Tricyclic antidepressant	C18H22N2
208.11	59.08	267.1855754	7.04	Desipramine	Other Pharma	Antidepressant	Tricyclic antidepressant	C18H22N2
267.19	0.00	267.1855754	7.04	Desipramine	Other Pharma	Antidepressant	Tricyclic antidepressant	C18H22N2
72.08	229.07	301.1466031	7.67	Desmethylclomipramine	Other Pharma	Antidepressant	Tricyclic antidepressant	C18H21ClN2
227.05	74.10	301.1466031	7.67	Desmethylclomipramine	Other Pharma	Antidepressant	Tricyclic antidepressant	C18H21ClN2
242.07	59.08	301.1466031	7.67	Desmethylclomipramine	Other Pharma	Antidepressant	Tricyclic antidepressant	C18H21ClN2
270.1	31.05	301.1466031	7.67	Desmethylclomipramine	Other Pharma	Antidepressant	Tricyclic antidepressant	C18H21ClN2
301.15	0.00	301.1466031	7.67	Desmethylclomipramine	Other Pharma	Antidepressant	Tricyclic antidepressant	C18H21ClN2
107.05	159.10	266.1539409	6.52	Desmethyldoxepin	Other Pharma	Antidepressant	Tricyclic antidepressant	C18H19NO
202.08	64.07	266.1539409	6.52	Desmethyldoxepin	Other Pharma	Antidepressant	Tricyclic antidepressant	C18H19NO
220.09	46.06	266.1539409	6.52	Desmethyldoxepin	Other Pharma	Antidepressant	Tricyclic antidepressant	C18H19NO
235.11	31.04	266.1539409	6.52	Desmethyldoxepin	Other Pharma	Antidepressant	Tricyclic antidepressant	C18H19NO
266.15	0.00	266.1539409	6.52	Desmethyldoxepin	Other Pharma	Antidepressant	Tricyclic antidepressant	C18H19NO
91.05	201.02	292.0654316	7.59	Desmethylsertraline	Other Pharma	Antidepressant		C16H15Cl2N
123	169.07	292.0654316	7.59	Desmethylsertraline	Other Pharma	Antidepressant		C16H15Cl2N
129.07	163.00	292.0654316	7.59	Desmethylsertraline	Other Pharma	Antidepressant		C16H15Cl2N
158.98	133.09	292.0654316	7.59	Desmethylsertraline	Other Pharma	Antidepressant		C16H15Cl2N
275.04	17.03	292.0654316	7.59	Desmethylsertraline	Other Pharma	Antidepressant		C16H15Cl2N
292.07	0.00	292.0654316	7.59	Desmethylsertraline	Other Pharma	Antidepressant		C16H15Cl2N
167.09	105.07	272.1645056	3.86	Desomorphine	Opioid	Other	Parent	C17H21NO2
195.08	77.08	272.1645056	3.86	Desomorphine	Opioid	Other	Parent	C17H21NO2
197.1	75.06	272.1645056	3.86	Desomorphine	Opioid	Other	Parent	C17H21NO2
215.11	57.05	272.1645056	3.86	Desomorphine	Opioid	Other	Parent	C17H21NO2
272.16	0.00	272.1645056	3.86	Desomorphine	Opioid	Other	Parent	C17H21NO2
103.05	214.13	317.18238	6.58	Despropionyl 2'-Fluoro ortho-Fluorofentanyl	Opioid	Fentanyl	Precursor	C19H22F2N2
123.06	194.12	317.18238	6.58	Despropionyl 2'-Fluoro ortho-Fluorofentanyl	Opioid	Fentanyl	Precursor	C19H22F2N2
152.09	165.09	317.18238	6.58	Despropionyl 2'-Fluoro ortho-Fluorofentanyl	Opioid	Fentanyl	Precursor	C19H22F2N2
206.13	111.05	317.18238	6.58	Despropionyl 2'-Fluoro ortho-Fluorofentanyl	Opioid	Fentanyl	Precursor	C19H22F2N2
317.18	0.00	317.18238	6.58	Despropionyl 2'-Fluoro ortho-Fluorofentanyl	Opioid	Fentanyl	Precursor	C19H22F2N2
69.07	226.15	295.21688	6.76	Despropionyl 3-Methylfentanyl	Opioid	Fentanyl	Precursor	C20H26N2
105.07	190.15	295.21688	6.76	Despropionyl 3-Methylfentanyl	Opioid	Fentanyl	Precursor	C20H26N2



Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
134.1	161.12	295.21688	6.76	Despropionyl 3-Methylfentanyl	Opioid	Fentalog	Precursor	C20H26N2
202.16	93.06	295.21688	6.76	Despropionyl 3-Methylfentanyl	Opioid	Fentalog	Precursor	C20H26N2
295.22	0.00	295.21688	6.76	Despropionyl 3-Methylfentanyl	Opioid	Fentalog	Precursor	C20H26N2
81.03	258.18	339.20671	6.64	Despropionyl Carfentanil	Opioid	Fentalog	Precursor	C21H26N2O2
105.07	234.14	339.20671	6.64	Despropionyl Carfentanil	Opioid	Fentalog	Precursor	C21H26N2O2
113.06	226.15	339.20671	6.64	Despropionyl Carfentanil	Opioid	Fentalog	Precursor	C21H26N2O2
246.15	93.06	339.20671	6.64	Despropionyl Carfentanil	Opioid	Fentalog	Precursor	C21H26N2O2
339.2	0.01	339.20671	6.64	Despropionyl Carfentanil	Opioid	Fentalog	Precursor	C21H26N2O2
339.21	0.00	339.20671	6.64	Despropionyl Carfentanil	Opioid	Fentalog	Precursor	C21H26N2O2
105.07	194.12	299.1918	6.46	Despropionyl ortho-Fluorofentanyl	Opioid	Fentalog	Precursor	C19H23FN2
134.07	165.12	299.1918	6.46	Despropionyl ortho-Fluorofentanyl	Opioid	Fentalog	Precursor	C19H23FN2
146.1	153.09	299.1918	6.46	Despropionyl ortho-Fluorofentanyl	Opioid	Fentalog	Precursor	C19H23FN2
188.14	111.05	299.1918	6.46	Despropionyl ortho-Fluorofentanyl	Opioid	Fentalog	Precursor	C19H23FN2
299.19	0.00	299.1918	6.46	Despropionyl ortho-Fluorofentanyl	Opioid	Fentalog	Precursor	C19H23FN2
105.07	190.15	295.21688	6.72	Despropionyl ortho-Methylfentanyl	Opioid	Fentalog	Precursor	C20H26N2
134.1	161.12	295.21688	6.72	Despropionyl ortho-Methylfentanyl	Opioid	Fentalog	Precursor	C20H26N2
146.07	149.15	295.21688	6.72	Despropionyl ortho-Methylfentanyl	Opioid	Fentalog	Precursor	C20H26N2
188.14	107.08	295.21688	6.72	Despropionyl ortho-Methylfentanyl	Opioid	Fentalog	Precursor	C20H26N2
295.22	0.00	295.21688	6.72	Despropionyl ortho-Methylfentanyl	Opioid	Fentalog	Precursor	C20H26N2
105.07	210.09	315.16225	7.01	Despropionyl para-Chlorofentanyl	Opioid	Fentalog	Precursor	C19H23ClN2
134.1	181.06	315.16225	7.01	Despropionyl para-Chlorofentanyl	Opioid	Fentalog	Precursor	C19H23ClN2
146.09	169.07	315.16225	7.01	Despropionyl para-Chlorofentanyl	Opioid	Fentalog	Precursor	C19H23ClN2
188.14	127.02	315.16225	7.01	Despropionyl para-Chlorofentanyl	Opioid	Fentalog	Precursor	C19H23ClN2
315.16	0.00	315.16225	7.01	Despropionyl para-Chlorofentanyl	Opioid	Fentalog	Precursor	C19H23ClN2
52.02	135.10	187.12298	5.25	Detomidine	Other Pharma	Depressant		C12H14N2
54.03	133.09	187.12298	5.25	Detomidine	Other Pharma	Depressant		C12H14N2
81.05	106.07	187.12298	5.25	Detomidine	Other Pharma	Depressant		C12H14N2
119.09	68.03	187.12298	5.25	Detomidine	Other Pharma	Depressant		C12H14N2
187.12	0.00	187.12298	5.25	Detomidine	Other Pharma	Depressant		C12H14N2
147.08	125.12	272.2008911	6.24	Dextro / Levo Methorphan	Opioid			C18H25NO
171.08	101.12	272.2008911	6.24	Dextro / Levo Methorphan	Opioid			C18H25NO
213.13	59.07	272.2008911	6.24	Dextro / Levo Methorphan	Opioid			C18H25NO
215.14	57.06	272.2008911	6.24	Dextro / Levo Methorphan	Opioid			C18H25NO
272.2	0.00	272.2008911	6.24	Dextro / Levo Methorphan	Opioid			C18H25NO
133.06	125.13	258.1852411	4.86	Dextrorphan / Levorphanol	Opioid		Metabolite	C17H23NO
157.06	101.13	258.1852411	4.86	Dextrorphan / Levorphanol	Opioid		Metabolite	C17H23NO
199.11	59.08	258.1852411	4.86	Dextrorphan / Levorphanol	Opioid		Metabolite	C17H23NO
201.13	57.06	258.1852411	4.86	Dextrorphan / Levorphanol	Opioid		Metabolite	C17H23NO
258.19	0.00	258.1852411	4.86	Dextrorphan / Levorphanol	Opioid		Metabolite	C17H23NO
211.08	159.08	370.1648996	5.14	Diacetylmorphine	Opioid	Opiate		C21H23NO5
268.13	102.03	370.1648996	5.14	Diacetylmorphine	Opioid	Opiate		C21H23NO5
310.14	60.02	370.1648996	5.14	Diacetylmorphine	Opioid	Opiate		C21H23NO5
328.15	42.01	370.1648996	5.14	Diacetylmorphine	Opioid	Opiate		C21H23NO5
370.16	0.00	370.1648996	5.14	Diacetylmorphine	Opioid	Opiate		C21H23NO5
193.09	91.99	285.0789174	8.12	Diazepam	Benzodiazepine			C16H13ClN2O
222.12	62.96	285.0789174	8.12	Diazepam	Benzodiazepine			C16H13ClN2O

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
228.06	57.02	285.0789174	8.12	Diazepam	Benzodiazepine			C16H13ClN2O
257.08	28.00	285.0789174	8.12	Diazepam	Benzodiazepine			C16H13ClN2O
285.08	0.00	285.0789174	8.12	Diazepam	Benzodiazepine			C16H13ClN2O
149.02	87.11	236.1281	4.31	Dibutylone	Stimulant	Amphetamine		C13H17NO3
161.06	75.07	236.1281	4.31	Dibutylone	Stimulant	Amphetamine		C13H17NO3
163.08	73.05	236.1281	4.31	Dibutylone	Stimulant	Amphetamine		C13H17NO3
191.08	45.05	236.1281	4.31	Dibutylone	Stimulant	Amphetamine		C13H17NO3
236.13	0.00	236.1281	4.31	Dibutylone	Stimulant	Amphetamine		C13H17NO3
165.03	81.01	246.0447	5.83	Dichloroethcathinone	Stimulant	Cathinone		C11H13Cl2NO
178.04	68.00	246.0447	5.83	Dichloroethcathinone	Stimulant	Cathinone		C11H13Cl2NO
193.06	52.98	246.0447	5.83	Dichloroethcathinone	Stimulant	Cathinone		C11H13Cl2NO
228.03	18.01	246.0447	5.83	Dichloroethcathinone	Stimulant	Cathinone		C11H13Cl2NO
246.04	0.00	246.0447	5.83	Dichloroethcathinone	Stimulant	Cathinone		C11H13Cl2NO
56.05	246.02	302.07091	6.69	Dichloromethylphenidate	Stimulant	Amphetamine		C14H17Cl2NO2
84.08	217.99	302.07091	6.69	Dichloromethylphenidate	Stimulant	Amphetamine		C14H17Cl2NO2
158.98	143.09	302.07091	6.69	Dichloromethylphenidate	Stimulant	Amphetamine		C14H17Cl2NO2
242.05	60.02	302.07091	6.69	Dichloromethylphenidate	Stimulant	Amphetamine		C14H17Cl2NO2
302.07	0.00	302.07091	6.69	Dichloromethylphenidate	Stimulant	Amphetamine		C14H17Cl2NO2
154.04	165.00	319.0399	8.21	Diclazepam	Benzodiazepine			C16H12Cl2N2O
227.05	91.99	319.0399	8.21	Diclazepam	Benzodiazepine			C16H12Cl2N2O
256.08	62.96	319.0399	8.21	Diclazepam	Benzodiazepine			C16H12Cl2N2O
291.04	28.00	319.0399	8.21	Diclazepam	Benzodiazepine			C16H12Cl2N2O
319.04	0.00	319.0399	8.21	Diclazepam	Benzodiazepine			C16H12Cl2N2O
109.1	201.17	310.2740562	8.24	Dicyclomine	Other Pharma	Anticonvulsant		C19H35NO2
155.11	155.16	310.2740562	8.24	Dicyclomine	Other Pharma	Anticonvulsant		C19H35NO2
165.16	145.11	310.2740562	8.24	Dicyclomine	Other Pharma	Anticonvulsant		C19H35NO2
237.18	73.09	310.2740562	8.24	Dicyclomine	Other Pharma	Anticonvulsant		C19H35NO2
310.27	0.00	310.2740562	8.24	Dicyclomine	Other Pharma	Anticonvulsant		C19H35NO2
103.05	149.10	252.1513541	7.53	Didesmethylsibutramine	Other Pharma	Antidepressant		C15H22ClN
125.01	127.14	252.1513541	7.53	Didesmethylsibutramine	Other Pharma	Antidepressant		C15H22ClN
139.03	113.12	252.1513541	7.53	Didesmethylsibutramine	Other Pharma	Antidepressant		C15H22ClN
151.03	101.12	252.1513541	7.53	Didesmethylsibutramine	Other Pharma	Antidepressant		C15H22ClN
153.05	99.10	252.1513541	7.53	Didesmethylsibutramine	Other Pharma	Antidepressant		C15H22ClN
252.15	0.00	252.1513541	7.53	Didesmethylsibutramine	Other Pharma	Antidepressant		C15H22ClN
100.11	150.03	250.1438	4.29	Diethylone	Stimulant	Cathinone		C14H19NO3
119.05	131.09	250.1438	4.29	Diethylone	Stimulant	Cathinone		C14H19NO3
147.04	103.10	250.1438	4.29	Diethylone	Stimulant	Cathinone		C14H19NO3
149.06	101.08	250.1438	4.29	Diethylone	Stimulant	Cathinone		C14H19NO3
177.06	73.08	250.1438	4.29	Diethylone	Stimulant	Cathinone		C14H19NO3
250.14	0.00	250.1438	4.29	Diethylone	Stimulant	Cathinone		C14H19NO3
128.14	150.04	278.1751	5.51	Diethylpentylone	Stimulant	Cathinone		C16H23NO3
135.04	143.14	278.1751	5.51	Diethylpentylone	Stimulant	Cathinone		C16H23NO3
149.02	129.16	278.1751	5.51	Diethylpentylone	Stimulant	Cathinone		C16H23NO3
175.08	103.10	278.1751	5.51	Diethylpentylone	Stimulant	Cathinone		C16H23NO3
205.09	73.09	278.1751	5.51	Diethylpentylone	Stimulant	Cathinone		C16H23NO3
278.18	0.00	278.1751	5.51	Diethylpentylone	Stimulant	Cathinone		C16H23NO3

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
123.06	264.16	387.22425	6.84	Difluoro-cis-3-Methylfentanyl	Opioid	Fentanyl	Parent	C23H28F2N2O
152.09	235.13	387.22425	6.84	Difluoro-cis-3-Methylfentanyl	Opioid	Fentanyl	Parent	C23H28F2N2O
220.15	167.07	387.22425	6.84	Difluoro-cis-3-Methylfentanyl	Opioid	Fentanyl	Parent	C23H28F2N2O
248.14	139.08	387.22425	6.84	Difluoro-cis-3-Methylfentanyl	Opioid	Fentanyl	Parent	C23H28F2N2O
387.22	0.00	387.22425	6.84	Difluoro-cis-3-Methylfentanyl	Opioid	Fentanyl	Parent	C23H28F2N2O
123.06	250.15	373.2086	6.52	Difluorofentanyl	Opioid	Fentanyl	Parent	C22H26F2N2O
152.09	221.12	373.2086	6.52	Difluorofentanyl	Opioid	Fentanyl	Parent	C22H26F2N2O
206.13	167.08	373.2086	6.52	Difluorofentanyl	Opioid	Fentanyl	Parent	C22H26F2N2O
234.13	139.08	373.2086	6.52	Difluorofentanyl	Opioid	Fentanyl	Parent	C22H26F2N2O
373.21	0.00	373.2086	6.52	Difluorofentanyl	Opioid	Fentanyl	Parent	C22H26F2N2O
199.08	103.10	302.1750703	3.39	Dihydrocodeine	Opioid	Other	Parent	C18H23NO3
201.09	101.09	302.1750703	3.39	Dihydrocodeine	Opioid	Other	Parent	C18H23NO3
245.12	57.06	302.1750703	3.39	Dihydrocodeine	Opioid	Other	Parent	C18H23NO3
277.11	25.07	302.1750703	3.39	Dihydrocodeine	Opioid	Other	Parent	C18H23NO3
302.18	0.00	302.1750703	3.39	Dihydrocodeine	Opioid	Other	Parent	C18H23NO3
150.04	265.13	415.1686059	6.68	Diltiazem	Other Pharma			C22H26N2O4S
178.03	237.14	415.1686059	6.68	Diltiazem	Other Pharma			C22H26N2O4S
310.09	105.08	415.1686059	6.68	Diltiazem	Other Pharma			C22H26N2O4S
370.11	45.06	415.1686059	6.68	Diltiazem	Other Pharma			C22H26N2O4S
415.17	0.00	415.1686059	6.68	Diltiazem	Other Pharma			C22H26N2O4S
120.04	159.17	279.2067048	4.66	Dimethocaine	Stimulant			C16H26N2O2
142.16	137.05	279.2067048	4.66	Dimethocaine	Stimulant			C16H26N2O2
160.17	119.04	279.2067048	4.66	Dimethocaine	Stimulant			C16H26N2O2
206.12	73.09	279.2067048	4.66	Dimethocaine	Stimulant			C16H26N2O2
279.21	0.00	279.2067048	4.66	Dimethocaine	Stimulant			C16H26N2O2
46.07	118.07	164.1433762	3.94	Dimethylamphetamine	Stimulant	Amphetamine		C11H17N
65.04	99.10	164.1433762	3.94	Dimethylamphetamine	Stimulant	Amphetamine		C11H17N
91.06	73.08	164.1433762	3.94	Dimethylamphetamine	Stimulant	Amphetamine		C11H17N
119.09	45.05	164.1433762	3.94	Dimethylamphetamine	Stimulant	Amphetamine		C11H17N
164.14	0.00	164.1433762	3.94	Dimethylamphetamine	Stimulant	Amphetamine		C11H17N
72.08	150.03	222.11247	3.68	Dimethylone	Stimulant	Cathinone		C12H15NO3
119.05	103.06	222.11247	3.68	Dimethylone	Stimulant	Cathinone		C12H15NO3
147.04	75.07	222.11247	3.68	Dimethylone	Stimulant	Cathinone		C12H15NO3
149.06	73.05	222.11247	3.68	Dimethylone	Stimulant	Cathinone		C12H15NO3
222.11	0.00	222.11247	3.68	Dimethylone	Stimulant	Cathinone		C12H15NO3
100.11	150.03	250.1438	5.13	Dimethylpentylone	Stimulant	Cathinone		C14H19NO3
135.04	115.10	250.1438	5.13	Dimethylpentylone	Stimulant	Cathinone		C14H19NO3
149.02	101.12	250.1438	5.13	Dimethylpentylone	Stimulant	Cathinone		C14H19NO3
175.08	75.06	250.1438	5.13	Dimethylpentylone	Stimulant	Cathinone		C14H19NO3
205.09	45.05	250.1438	5.13	Dimethylpentylone	Stimulant	Cathinone		C14H19NO3
250.14	0.00	250.1438	5.13	Dimethylpentylone	Stimulant	Cathinone		C14H19NO3
58.07	131.07	189.1386252	3.89	Dimethyltryptamine	Hallucinogen	Tryptamine		C12H16N2
115.05	74.09	189.1386252	3.89	Dimethyltryptamine	Hallucinogen	Tryptamine		C12H16N2
117.07	72.07	189.1386252	3.89	Dimethyltryptamine	Hallucinogen	Tryptamine		C12H16N2
143.07	46.07	189.1386252	3.89	Dimethyltryptamine	Hallucinogen	Tryptamine		C12H16N2
144.08	45.06	189.1386252	3.89	Dimethyltryptamine	Hallucinogen	Tryptamine		C12H16N2

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
189.14	0.00	189.1386252	3.89	Dimethyltryptamine	Hallucinogen	Tryptamine		C12H16N2
151.05	105.12	256.169591	6.33	Diphenhydramine	Other Pharma	Antihistamine		C17H21NO
152.06	104.11	256.169591	6.33	Diphenhydramine	Other Pharma	Antihistamine		C17H21NO
165.07	91.10	256.169591	6.33	Diphenhydramine	Other Pharma	Antihistamine		C17H21NO
166.08	90.09	256.169591	6.33	Diphenhydramine	Other Pharma	Antihistamine		C17H21NO
167.08	89.09	256.169591	6.33	Diphenhydramine	Other Pharma	Antihistamine		C17H21NO
256.17	0.00	256.169591	6.33	Diphenhydramine	Other Pharma	Antihistamine		C17H21NO
105.03	245.22	350.24784	7.66	Dipipanone	Opioid	Other	Parent	C24H31NO
219.12	131.13	350.24784	7.66	Dipipanone	Opioid	Other	Parent	C24H31NO
223.11	127.14	350.24784	7.66	Dipipanone	Opioid	Other	Parent	C24H31NO
265.16	85.09	350.24784	7.66	Dipipanone	Opioid	Other	Parent	C24H31NO
350.25	0.00	350.24784	7.66	Dipipanone	Opioid	Other	Parent	C24H31NO
57.03	279.20	336.23219	7.61	Dipyanone	Opioid	Other	Parent	C23H29NO
105.03	231.20	336.23219	7.61	Dipyanone	Opioid	Other	Parent	C23H29NO
219.12	117.11	336.23219	7.61	Dipyanone	Opioid	Other	Parent	C23H29NO
223.11	113.12	336.23219	7.61	Dipyanone	Opioid	Other	Parent	C23H29NO
265.16	71.07	336.23219	7.61	Dipyanone	Opioid	Other	Parent	C23H29NO
336.23	0.00	336.23219	7.61	Dipyanone	Opioid	Other	Parent	C23H29NO
105.07	77.05	182.11756	3.28	DMPEA	Stimulant	Phenethylamine		C10H15NO2
134.07	48.05	182.11756	3.28	DMPEA	Stimulant	Phenethylamine		C10H15NO2
135.04	47.08	182.11756	3.28	DMPEA	Stimulant	Phenethylamine		C10H15NO2
150.07	32.05	182.11756	3.28	DMPEA	Stimulant	Phenethylamine		C10H15NO2
165.09	17.03	182.11756	3.28	DMPEA	Stimulant	Phenethylamine		C10H15NO2
182.12	0.00	182.11756	3.28	DMPEA	Stimulant	Phenethylamine		C10H15NO2
178.1	95.94	274.0437165	5.66	DOB	Stimulant	Amphetamine		C11H16BrNO2
226.97	47.07	274.0437165	5.66	DOB	Stimulant	Amphetamine		C11H16BrNO2
228.99	45.05	274.0437165	5.66	DOB	Stimulant	Amphetamine		C11H16BrNO2
241.99	32.05	274.0437165	5.66	DOB	Stimulant	Amphetamine		C11H16BrNO2
257.02	17.02	274.0437165	5.66	DOB	Stimulant	Amphetamine		C11H16BrNO2
274.04	0.00	274.0437165	5.66	DOB	Stimulant	Amphetamine		C11H16BrNO2
135.08	75.07	210.1488555	5.48	DOM	Stimulant	Amphetamine		C12H19NO2
163.07	47.08	210.1488555	5.48	DOM	Stimulant	Amphetamine		C12H19NO2
165.09	45.06	210.1488555	5.48	DOM	Stimulant	Amphetamine		C12H19NO2
178.1	32.05	210.1488555	5.48	DOM	Stimulant	Amphetamine		C12H19NO2
193.12	17.03	210.1488555	5.48	DOM	Stimulant	Amphetamine		C12H19NO2
210.15	0.00	210.1488555	5.48	DOM	Stimulant	Amphetamine		C12H19NO2
91.06	289.16	380.2220206	6.13	Donepezil	Other Pharma			C24H29NO3
273.15	107.07	380.2220206	6.13	Donepezil	Other Pharma			C24H29NO3
288.16	92.06	380.2220206	6.13	Donepezil	Other Pharma			C24H29NO3
326.21	54.01	380.2220206	6.13	Donepezil	Other Pharma			C24H29NO3
380.22	0.00	380.2220206	6.13	Donepezil	Other Pharma			C24H29NO3
107.05	173.12	280.169591	6.52	Doxepin	Other Pharma	Antidepressant	Tricyclic antidepressant	C19H21NO
117.07	163.10	280.169591	6.52	Doxepin	Other Pharma	Antidepressant	Tricyclic antidepressant	C19H21NO
141.07	139.10	280.169591	6.52	Doxepin	Other Pharma	Antidepressant	Tricyclic antidepressant	C19H21NO
235.11	45.06	280.169591	6.52	Doxepin	Other Pharma	Antidepressant	Tricyclic antidepressant	C19H21NO
280.17	0.00	280.169591	6.52	Doxepin	Other Pharma	Antidepressant	Tricyclic antidepressant	C19H21NO

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
90.09	181.09	271.18049	4.41	Doxylamine	Other Pharma	Antihistamine		C17H22N2O
166.07	105.11	271.18049	4.41	Doxylamine	Other Pharma	Antihistamine		C17H22N2O
167.07	104.11	271.18049	4.41	Doxylamine	Other Pharma	Antihistamine		C17H22N2O
182.1	89.08	271.18049	4.41	Doxylamine	Other Pharma	Antihistamine		C17H22N2O
271.18	0.00	271.18049	4.41	Doxylamine	Other Pharma	Antihistamine		C17H22N2O
44.05	254.08	298.1260127	7.13	Duloxetine	Other Pharma	Antidepressant		C18H19NOS
124.03	174.10	298.1260127	7.13	Duloxetine	Other Pharma	Antidepressant		C18H19NOS
239.05	59.08	298.1260127	7.13	Duloxetine	Other Pharma	Antidepressant		C18H19NOS
267.08	31.05	298.1260127	7.13	Duloxetine	Other Pharma	Antidepressant		C18H19NOS
298.13	0.00	298.1260127	7.13	Duloxetine	Other Pharma	Antidepressant		C18H19NOS
144.04	244.17	388.2071194	10.18	EAM-2201	Synthetic Cannabinoid	Other	Parent	C26H26FNO
155.08	233.13	388.2071194	10.18	EAM-2201	Synthetic Cannabinoid	Other	Parent	C26H26FNO
183.08	205.13	388.2071194	10.18	EAM-2201	Synthetic Cannabinoid	Other	Parent	C26H26FNO
232.11	156.10	388.2071194	10.18	EAM-2201	Synthetic Cannabinoid	Other	Parent	C26H26FNO
388.21	0.00	388.2071194	10.18	EAM-2201	Synthetic Cannabinoid	Other	Parent	C26H26FNO
82.07	118.06	200.12812	1.16	Ecgonine Methyl Ester	Stimulant		Metabolite	C10H17NO3
108.08	92.05	200.12812	1.16	Ecgonine Methyl Ester	Stimulant		Metabolite	C10H17NO3
150.09	50.04	200.12812	1.16	Ecgonine Methyl Ester	Stimulant		Metabolite	C10H17NO3
182.12	18.01	200.12812	1.16	Ecgonine Methyl Ester	Stimulant		Metabolite	C10H17NO3
200.13	0.00	200.12812	1.16	Ecgonine Methyl Ester	Stimulant		Metabolite	C10H17NO3
186.13	92.06	278.1903264	6.54	EDDP	Opioid	Other	Metabolite	C20H23N
219.1	59.09	278.1903264	6.54	EDDP	Opioid	Other	Metabolite	C20H23N
234.13	44.06	278.1903264	6.54	EDDP	Opioid	Other	Metabolite	C20H23N
249.15	29.04	278.1903264	6.54	EDDP	Opioid	Other	Metabolite	C20H23N
278.19	0.00	278.1903264	6.54	EDDP	Opioid	Other	Metabolite	C20H23N
145.04	229.20	374.24382	10.73	EDMB-PINACA	Synthetic Cannabinoid	Other	Parent	C21H31N3O3
215.12	159.12	374.24382	10.73	EDMB-PINACA	Synthetic Cannabinoid	Other	Parent	C21H31N3O3
300.21	74.03	374.24382	10.73	EDMB-PINACA	Synthetic Cannabinoid	Other	Parent	C21H31N3O3
328.2	46.04	374.24382	10.73	EDMB-PINACA	Synthetic Cannabinoid	Other	Parent	C21H31N3O3
374.24	0.00	374.24382	10.73	EDMB-PINACA	Synthetic Cannabinoid	Other	Parent	C21H31N3O3
127.05	265.15	392.20089	11.3	EG018	Synthetic Cannabinoid	Other	Parent	C28H25NO
155.05	237.15	392.20089	11.3	EG018	Synthetic Cannabinoid	Other	Parent	C28H25NO
179.07	213.13	392.20089	11.3	EG018	Synthetic Cannabinoid	Other	Parent	C28H25NO
246.14	146.06	392.20089	11.3	EG018	Synthetic Cannabinoid	Other	Parent	C28H25NO
392.2	0.00	392.20089	11.3	EG018	Synthetic Cannabinoid	Other	Parent	C28H25NO
127.05	283.14	410.19147	10.74	EG-2201	Synthetic Cannabinoid	Other	Parent	C28H24FNO
155.05	255.14	410.19147	10.74	EG-2201	Synthetic Cannabinoid	Other	Parent	C28H24FNO
179.07	231.12	410.19147	10.74	EG-2201	Synthetic Cannabinoid	Other	Parent	C28H24FNO
282.13	128.06	410.19147	10.74	EG-2201	Synthetic Cannabinoid	Other	Parent	C28H24FNO
410.19	0.00	410.19147	10.74	EG-2201	Synthetic Cannabinoid	Other	Parent	C28H24FNO
109.04	289.15	398.18745	9.77	EMB-FUBINACA	Synthetic Cannabinoid	Other	Parent	C22H24FN3O3
253.08	145.11	398.18745	9.77	EMB-FUBINACA	Synthetic Cannabinoid	Other	Parent	C22H24FN3O3
324.15	74.04	398.18745	9.77	EMB-FUBINACA	Synthetic Cannabinoid	Other	Parent	C22H24FN3O3
352.15	46.04	398.18745	9.77	EMB-FUBINACA	Synthetic Cannabinoid	Other	Parent	C22H24FN3O3
398.19	0.00	398.18745	9.77	EMB-FUBINACA	Synthetic Cannabinoid	Other	Parent	C22H24FN3O3
219.1	45.07	264.1746763	7.38	EMDP	Opioid	Other	Metabolite	C19H21N

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
220.11	44.06	264.1746763	7.38	EMDP	Opioid	Other	Metabolite	C19H21N
234.13	30.04	264.1746763	7.38	EMDP	Opioid	Other	Metabolite	C19H21N
235.13	29.04	264.1746763	7.38	EMDP	Opioid	Other	Metabolite	C19H21N
264.17	0.00	264.1746763	7.38	EMDP	Opioid	Other	Metabolite	C19H21N
246.15	235.16	481.3060847	4.5	Emetine	Other Pharma	Antiprotozoal		C29H40N2O4
274.18	207.13	481.3060847	4.5	Emetine	Other Pharma	Antiprotozoal		C29H40N2O4
436.25	45.06	481.3060847	4.5	Emetine	Other Pharma	Antiprotozoal		C29H40N2O4
464.28	17.03	481.3060847	4.5	Emetine	Other Pharma	Antiprotozoal		C29H40N2O4
481.31	0.00	481.3060847	4.5	Emetine	Other Pharma	Antiprotozoal		C29H40N2O4
115.05	51.07	166.1226407	3.21	Ephedrine / Pseudoephedrine	Stimulant	Amphetamine		C10H15NO
117.07	49.05	166.1226407	3.21	Ephedrine / Pseudoephedrine	Stimulant	Amphetamine		C10H15NO
132.08	34.04	166.1226407	3.21	Ephedrine / Pseudoephedrine	Stimulant	Amphetamine		C10H15NO
133.09	33.03	166.1226407	3.21	Ephedrine / Pseudoephedrine	Stimulant	Amphetamine		C10H15NO
148.11	18.01	166.1226407	3.21	Ephedrine / Pseudoephedrine	Stimulant	Amphetamine		C10H15NO
166.12	0.00	166.1226407	3.21	Ephedrine / Pseudoephedrine	Stimulant	Amphetamine		C10H15NO
205.08	89.99	295.0745007	7.19	Estazolam	Benzodiazepine			C16H11ClN4
240.05	55.02	295.0745007	7.19	Estazolam	Benzodiazepine			C16H11ClN4
241.05	54.02	295.0745007	7.19	Estazolam	Benzodiazepine			C16H11ClN4
267.06	28.01	295.0745007	7.19	Estazolam	Benzodiazepine			C16H11ClN4
295.07	0.00	295.0745007	7.19	Estazolam	Benzodiazepine			C16H11ClN4
295.08	-0.01	295.0745007	7.19	Estazolam	Benzodiazepine			C16H11ClN4
131.07	134.06	265.1335398	7.73	Etaqualone	Other Pharma	Depressant		C17H16N2O
146.1	119.03	265.1335398	7.73	Etaqualone	Other Pharma	Depressant		C17H16N2O
161.07	104.06	265.1335398	7.73	Etaqualone	Other Pharma	Depressant		C17H16N2O
235.09	30.04	265.1335398	7.73	Etaqualone	Other Pharma	Depressant		C17H16N2O
265.13	0.00	265.1335398	7.73	Etaqualone	Other Pharma	Depressant		C17H16N2O
105.07	73.05	178.1226407	3.54	Ethacathinone	Stimulant	Cathinone		C11H15NO
117.06	61.06	178.1226407	3.54	Ethacathinone	Stimulant	Cathinone		C11H15NO
130.06	48.06	178.1226407	3.54	Ethacathinone	Stimulant	Cathinone		C11H15NO
131.07	47.05	178.1226407	3.54	Ethacathinone	Stimulant	Cathinone		C11H15NO
132.08	46.04	178.1226407	3.54	Ethacathinone	Stimulant	Cathinone		C11H15NO
178.12	0.00	178.1226407	3.54	Ethacathinone	Stimulant	Cathinone		C11H15NO
237.14	101.08	338.2227	5.81	ETH-LAD	Hallucinogen	Lysergamide		C21H27N3O
265.13	73.09	338.2227	5.81	ETH-LAD	Hallucinogen	Lysergamide		C21H27N3O
281.16	57.06	338.2227	5.81	ETH-LAD	Hallucinogen	Lysergamide		C21H27N3O
309.18	29.04	338.2227	5.81	ETH-LAD	Hallucinogen	Lysergamide		C21H27N3O
338.22	0.00	338.2227	5.81	ETH-LAD	Hallucinogen	Lysergamide		C21H27N3O
105.07	262.17	367.238	6.05	Ethoxyacetyl Fentanyl	Opioid	Fentanyl	Parent	C23H30N2O2
146.1	221.14	367.238	6.05	Ethoxyacetyl Fentanyl	Opioid	Fentanyl	Parent	C23H30N2O2
188.14	179.10	367.238	6.05	Ethoxyacetyl Fentanyl	Opioid	Fentanyl	Parent	C23H30N2O2
246.15	121.09	367.238	6.05	Ethoxyacetyl Fentanyl	Opioid	Fentanyl	Parent	C23H30N2O2
367.24	0.00	367.238	6.05	Ethoxyacetyl Fentanyl	Opioid	Fentanyl	Parent	C23H30N2O2
105.07	204.16	309.23253	5.86	Ethyl 4-ANPP	Opioid	Fentanyl	Precursor	C21H28N2
134.1	175.13	309.23253	5.86	Ethyl 4-ANPP	Opioid	Fentanyl	Precursor	C21H28N2
148.11	161.12	309.23253	5.86	Ethyl 4-ANPP	Opioid	Fentanyl	Precursor	C21H28N2
188.14	121.09	309.23253	5.86	Ethyl 4-ANPP	Opioid	Fentanyl	Precursor	C21H28N2

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
309.23	0.00	309.23253	5.86	Ethyl 4-ANPP	Opioid	Fentalog	Precursor	C21H28N2
44.05	367.19	411.23907	6.9	Ethylene Etonitazene	Opioid	Nitazene	Parent	C23H30N4O3
72.08	339.16	411.23907	6.9	Ethylene Etonitazene	Opioid	Nitazene	Parent	C23H30N4O3
100.11	311.13	411.23907	6.9	Ethylene Etonitazene	Opioid	Nitazene	Parent	C23H30N4O3
338.15	73.09	411.23907	6.9	Ethylene Etonitazene	Opioid	Nitazene	Parent	C23H30N4O3
411.24	0.00	411.23907	6.9	Ethylene Etonitazene	Opioid	Nitazene	Parent	C23H30N4O3
137.06	182.14	319.20162	5	Ethylenedioxy-U-47700	Opioid	Utopioid		C18H26N2O3
163.04	156.16	319.20162	5	Ethylenedioxy-U-47700	Opioid	Utopioid		C18H26N2O3
194.08	125.12	319.20162	5	Ethylenedioxy-U-47700	Opioid	Utopioid		C18H26N2O3
274.14	45.06	319.20162	5	Ethylenedioxy-U-47700	Opioid	Utopioid		C18H26N2O3
319.2	0.00	319.20162	5	Ethylenedioxy-U-47700	Opioid	Utopioid		C18H26N2O3
112.11	221.11	333.21727	5.31	Ethylenedioxy-U-51754	Opioid	Utopioid		C19H28N2O3
149.06	184.16	333.21727	5.31	Ethylenedioxy-U-51754	Opioid	Utopioid		C19H28N2O3
208.1	125.12	333.21727	5.31	Ethylenedioxy-U-51754	Opioid	Utopioid		C19H28N2O3
288.16	45.06	333.21727	5.31	Ethylenedioxy-U-51754	Opioid	Utopioid		C19H28N2O3
333.22	0.00	333.21727	5.31	Ethylenedioxy-U-51754	Opioid	Utopioid		C19H28N2O3
44.05	351.16	395.20777	5.9	Ethyleneoxynitazene	Opioid	Nitazene	Parent	C22H26N4O3
72.08	323.13	395.20777	5.9	Ethyleneoxynitazene	Opioid	Nitazene	Parent	C22H26N4O3
100.11	295.10	395.20777	5.9	Ethyleneoxynitazene	Opioid	Nitazene	Parent	C22H26N4O3
133.07	262.14	395.20777	5.9	Ethyleneoxynitazene	Opioid	Nitazene	Parent	C22H26N4O3
395.21	0.00	395.20777	5.9	Ethyleneoxynitazene	Opioid	Nitazene	Parent	C22H26N4O3
144.08	232.16	376.23834	6.53	Ethylindole Fentanyl	Opioid	Fentalog	Parent	C24H29N3O
189.14	187.10	376.23834	6.53	Ethylindole Fentanyl	Opioid	Fentalog	Parent	C24H29N3O
233.16	143.08	376.23834	6.53	Ethylindole Fentanyl	Opioid	Fentalog	Parent	C24H29N3O
245.16	131.08	376.23834	6.53	Ethylindole Fentanyl	Opioid	Fentalog	Parent	C24H29N3O
376.24	0.00	376.23834	6.53	Ethylindole Fentanyl	Opioid	Fentalog	Parent	C24H29N3O
239.11	75.07	314.1750703	4.2	Ethylmorphine	Opioid	Other	Parent	C19H23NO3
256.09	58.09	314.1750703	4.2	Ethylmorphine	Opioid	Other	Parent	C19H23NO3
282.11	32.07	314.1750703	4.2	Ethylmorphine	Opioid	Other	Parent	C19H23NO3
313.15	1.03	314.1750703	4.2	Ethylmorphine	Opioid	Other	Parent	C19H23NO3
314.18	0.00	314.1750703	4.2	Ethylmorphine	Opioid	Other	Parent	C19H23NO3
146.09	76.02	222.11247	3.87	Ethylone	Stimulant	Cathinone		C12H15NO3
174.09	48.02	222.11247	3.87	Ethylone	Stimulant	Cathinone		C12H15NO3
175.06	47.05	222.11247	3.87	Ethylone	Stimulant	Cathinone		C12H15NO3
204.1	18.01	222.11247	3.87	Ethylone	Stimulant	Cathinone		C12H15NO3
222.11	0.00	222.11247	3.87	Ethylone	Stimulant	Cathinone		C12H15NO3
56.05	192.11	248.1645056	5.61	Ethylphenidate	Stimulant	Amphetamine		C15H21NO2
84.08	164.08	248.1645056	5.61	Ethylphenidate	Stimulant	Amphetamine		C15H21NO2
129.08	119.08	248.1645056	5.61	Ethylphenidate	Stimulant	Amphetamine		C15H21NO2
174.13	74.03	248.1645056	5.61	Ethylphenidate	Stimulant	Amphetamine		C15H21NO2
248.16	0.00	248.1645056	5.61	Ethylphenidate	Stimulant	Amphetamine		C15H21NO2
46.07	158.10	204.17468	5.71	Eticyclidine (PCE)	Hallucinogen	Arylcyclohexylamine		C14H21N
81.07	123.10	204.17468	5.71	Eticyclidine (PCE)	Hallucinogen	Arylcyclohexylamine		C14H21N
91.05	113.12	204.17468	5.71	Eticyclidine (PCE)	Hallucinogen	Arylcyclohexylamine		C14H21N
117.07	87.10	204.17468	5.71	Eticyclidine (PCE)	Hallucinogen	Arylcyclohexylamine		C14H21N
159.12	45.05	204.17468	5.71	Eticyclidine (PCE)	Hallucinogen	Arylcyclohexylamine		C14H21N

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
204.17	0.00	204.17468	5.71	Eticyclidine (PCE)	Hallucinogen	Arylcyclohexylamine		C14H21N
91.05	91.07	182.11756	1.38	Etilefrine	Stimulant			C10H15NO2
109.06	73.06	182.11756	1.38	Etilefrine	Stimulant			C10H15NO2
121.06	61.06	182.11756	1.38	Etilefrine	Stimulant			C10H15NO2
135.07	47.05	182.11756	1.38	Etilefrine	Stimulant			C10H15NO2
164.11	18.01	182.11756	1.38	Etilefrine	Stimulant			C10H15NO2
182.12	0.00	182.11756	1.38	Etilefrine	Stimulant			C10H15NO2
308.11	34.97	343.0778727	7.7	Etizolam	Benzodiazepine			C17H15ClN4S
309.09	33.99	343.0778727	7.7	Etizolam	Benzodiazepine			C17H15ClN4S
310.1	32.98	343.0778727	7.7	Etizolam	Benzodiazepine			C17H15ClN4S
314.04	29.04	343.0778727	7.7	Etizolam	Benzodiazepine			C17H15ClN4S
343.08	0.00	343.0778727	7.7	Etizolam	Benzodiazepine			C17H15ClN4S
44.05	308.19	352.23834	5.43	Etodesnitazene	Opioid	Nitazene	Parent	C22H29N3O
72.08	280.16	352.23834	5.43	Etodesnitazene	Opioid	Nitazene	Parent	C22H29N3O
100.11	252.13	352.23834	5.43	Etodesnitazene	Opioid	Nitazene	Parent	C22H29N3O
135.08	217.16	352.23834	5.43	Etodesnitazene	Opioid	Nitazene	Parent	C22H29N3O
352.24	0.00	352.23834	5.43	Etodesnitazene	Opioid	Nitazene	Parent	C22H29N3O
143.07	145.09	288.1594203	8.67	Etodolac	Other Pharma	Non-narcotic analgesic		C17H21NO3
144.08	144.08	288.1594203	8.67	Etodolac	Other Pharma	Non-narcotic analgesic		C17H21NO3
172.11	116.05	288.1594203	8.67	Etodolac	Other Pharma	Non-narcotic analgesic		C17H21NO3
210.13	78.03	288.1594203	8.67	Etodolac	Other Pharma	Non-narcotic analgesic		C17H21NO3
224.14	64.02	288.1594203	8.67	Etodolac	Other Pharma	Non-narcotic analgesic		C17H21NO3
288.16	0.00	288.1594203	8.67	Etodolac	Other Pharma	Non-narcotic analgesic		C17H21NO3
44.05	397.20	441.24963	6.51	Etoetonitazene	Opioid	Nitazene	Parent	C24H32N4O4
72.08	369.17	441.24963	6.51	Etoetonitazene	Opioid	Nitazene	Parent	C24H32N4O4
100.11	341.14	441.24963	6.51	Etoetonitazene	Opioid	Nitazene	Parent	C24H32N4O4
179.11	262.14	441.24963	6.51	Etoetonitazene	Opioid	Nitazene	Parent	C24H32N4O4
441.25	0.00	441.24963	6.51	Etoetonitazene	Opioid	Nitazene	Parent	C24H32N4O4
79.05	166.08	245.12845	7.31	Etomidate	Other Pharma	Anesthetic		C14H16N2O2
95.02	150.11	245.12845	7.31	Etomidate	Other Pharma	Anesthetic		C14H16N2O2
105.07	140.06	245.12845	7.31	Etomidate	Other Pharma	Anesthetic		C14H16N2O2
113.03	132.10	245.12845	7.31	Etomidate	Other Pharma	Anesthetic		C14H16N2O2
141.07	104.06	245.12845	7.31	Etomidate	Other Pharma	Anesthetic		C14H16N2O2
245.13	0.00	245.12845	7.31	Etomidate	Other Pharma	Anesthetic		C14H16N2O2
44.05	353.17	397.22342	6.57	Etonitazene	Opioid	Nitazene	Parent	C22H28N4O3
72.08	325.14	397.22342	6.57	Etonitazene	Opioid	Nitazene	Parent	C22H28N4O3
100.11	297.11	397.22342	6.57	Etonitazene	Opioid	Nitazene	Parent	C22H28N4O3
135.08	262.14	397.22342	6.57	Etonitazene	Opioid	Nitazene	Parent	C22H28N4O3
397.22	0.00	397.22342	6.57	Etonitazene	Opioid	Nitazene	Parent	C22H28N4O3
174.05	62.08	236.1281201	4.46	Eutylone	Stimulant	Cathinone		C13H17NO3
188.11	48.02	236.1281201	4.46	Eutylone	Stimulant	Cathinone		C13H17NO3
189.08	47.05	236.1281201	4.46	Eutylone	Stimulant	Cathinone		C13H17NO3
218.12	18.01	236.1281201	4.46	Eutylone	Stimulant	Cathinone		C13H17NO3
236.13	0.00	236.1281201	4.46	Eutylone	Stimulant	Cathinone		C13H17NO3
123.04	192.19	315.23186	10.9	exo-THC	Cannabinoid	Phytocannabinoid		C21H30O2
135.12	180.11	315.23186	10.9	exo-THC	Cannabinoid	Phytocannabinoid		C21H30O2



Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
193.12	122.11	315.23186	10.9	exo-THC	Cannabinoid	Phytocannabinoid		C21H30O2
259.17	56.06	315.23186	10.9	exo-THC	Cannabinoid	Phytocannabinoid		C21H30O2
315.23	0.00	315.23186	10.9	exo-THC	Cannabinoid	Phytocannabinoid		C21H30O2
125.04	253.13	378.1664	9.95	F-2201	Synthetic Cannabinoid	Other	Parent	C24H21F2NO
145.04	233.13	378.1664	9.95	F-2201	Synthetic Cannabinoid	Other	Parent	C24H21F2NO
173.04	205.13	378.1664	9.95	F-2201	Synthetic Cannabinoid	Other	Parent	C24H21F2NO
232.11	146.06	378.1664	9.95	F-2201	Synthetic Cannabinoid	Other	Parent	C24H21F2NO
378.17	0.00	378.1664	9.95	F-2201	Synthetic Cannabinoid	Other	Parent	C24H21F2NO
145.04	186.18	331.21802	10.65	FAB-144	Synthetic Cannabinoid	Other	Parent	C20H27FN2O
177.05	154.17	331.21802	10.65	FAB-144	Synthetic Cannabinoid	Other	Parent	C20H27FN2O
213.1	118.12	331.21802	10.65	FAB-144	Synthetic Cannabinoid	Other	Parent	C20H27FN2O
233.11	98.11	331.21802	10.65	FAB-144	Synthetic Cannabinoid	Other	Parent	C20H27FN2O
313.21	18.01	331.21802	10.65	FAB-144	Synthetic Cannabinoid	Other	Parent	C20H27FN2O
331.22	0.00	331.21802	10.65	FAB-144	Synthetic Cannabinoid	Other	Parent	C20H27FN2O
109.04	286.12	395.15542	9.44	FDU-NNEI	Synthetic Cannabinoid	Other	Parent	C26H19FN2O
224.09	171.07	395.15542	9.44	FDU-NNEI	Synthetic Cannabinoid	Other	Parent	C26H19FN2O
226.1	169.06	395.15542	9.44	FDU-NNEI	Synthetic Cannabinoid	Other	Parent	C26H19FN2O
252.08	143.08	395.15542	9.44	FDU-NNEI	Synthetic Cannabinoid	Other	Parent	C26H19FN2O
395.16	0.00	395.15542	9.44	FDU-NNEI	Synthetic Cannabinoid	Other	Parent	C26H19FN2O
83.03	313.11	396.13943	10.44	FDU-PB-22	Synthetic Cannabinoid	Other	Parent	C26H18FNO2
109.04	287.10	396.13943	10.44	FDU-PB-22	Synthetic Cannabinoid	Other	Parent	C26H18FNO2
224.09	172.05	396.13943	10.44	FDU-PB-22	Synthetic Cannabinoid	Other	Parent	C26H18FNO2
252.08	144.06	396.13943	10.44	FDU-PB-22	Synthetic Cannabinoid	Other	Parent	C26H18FNO2
396.14	0.00	396.13943	10.44	FDU-PB-22	Synthetic Cannabinoid	Other	Parent	C26H18FNO2
91.05	251.14	342.19245	5.21	Fenethylamine	Stimulant	Amphetamine		C18H23N5O2
119.08	223.11	342.19245	5.21	Fenethylamine	Stimulant	Amphetamine		C18H23N5O2
207.09	135.10	342.19245	5.21	Fenethylamine	Stimulant	Amphetamine		C18H23N5O2
224.11	118.08	342.19245	5.21	Fenethylamine	Stimulant	Amphetamine		C18H23N5O2
342.19	0.00	342.19245	5.21	Fenethylamine	Stimulant	Amphetamine		C18H23N5O2
109.05	123.08	232.1307609	5.86	Fenfluramine	Stimulant	Amphetamine		C12H16F3N
139.04	93.09	232.1307609	5.86	Fenfluramine	Stimulant	Amphetamine		C12H16F3N
159.04	73.09	232.1307609	5.86	Fenfluramine	Stimulant	Amphetamine		C12H16F3N
187.07	45.06	232.1307609	5.86	Fenfluramine	Stimulant	Amphetamine		C12H16F3N
232.13	0.00	232.1307609	5.86	Fenfluramine	Stimulant	Amphetamine		C12H16F3N
105.07	232.16	337.2274403	6.2	Fentanyl	Opioid	Fentanyl	Parent	C22H28N2O
132.08	205.15	337.2274403	6.2	Fentanyl	Opioid	Fentanyl	Parent	C22H28N2O
188.14	149.09	337.2274403	6.2	Fentanyl	Opioid	Fentanyl	Parent	C22H28N2O
216.14	121.09	337.2274403	6.2	Fentanyl	Opioid	Fentanyl	Parent	C22H28N2O
337.23	0.00	337.2274403	6.2	Fentanyl	Opioid	Fentanyl	Parent	C22H28N2O
105.07	234.14	339.2067	6.05	Fentanyl Methyl Carbamate	Opioid	Fentanyl	Parent	C21H26N2O2
134.1	205.11	339.2067	6.05	Fentanyl Methyl Carbamate	Opioid	Fentanyl	Parent	C21H26N2O2
146.1	193.11	339.2067	6.05	Fentanyl Methyl Carbamate	Opioid	Fentanyl	Parent	C21H26N2O2
188.14	151.07	339.2067	6.05	Fentanyl Methyl Carbamate	Opioid	Fentanyl	Parent	C21H26N2O2
339.21	0.00	339.2067	6.05	Fentanyl Methyl Carbamate	Opioid	Fentanyl	Parent	C21H26N2O2
98.1	317.05	415.1450887	6.49	Flecainide	Other Pharma			C17H20F6N2O3
232.1	183.05	415.1450887	6.49	Flecainide	Other Pharma			C17H20F6N2O3

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
301.03	114.12	415.1450887	6.49	Flecainide	Other Pharma			C17H20F6N2O3
398.12	17.03	415.1450887	6.49	Flecainide	Other Pharma			C17H20F6N2O3
415.14	0.01	415.1450887	6.49	Flecainide	Other Pharma			C17H20F6N2O3
415.15	0.00	415.1450887	6.49	Flecainide	Other Pharma			C17H20F6N2O3
103.05	79.05	182.0975689	3.43	Flephedrone	Stimulant	Cathinone		C10H12FNO
123.06	59.04	182.0975689	3.43	Flephedrone	Stimulant	Cathinone		C10H12FNO
148.05	34.05	182.0975689	3.43	Flephedrone	Stimulant	Cathinone		C10H12FNO
149.06	33.04	182.0975689	3.43	Flephedrone	Stimulant	Cathinone		C10H12FNO
164.09	18.01	182.0975689	3.43	Flephedrone	Stimulant	Cathinone		C10H12FNO
182.1	0.00	182.0975689	3.43	Flephedrone	Stimulant	Cathinone		C10H12FNO
165.02	162.06	327.08073	7.29	Flualprazolam	Benzodiazepine			C17H12CIFN4
223.07	104.01	327.08073	7.29	Flualprazolam	Benzodiazepine			C17H12CIFN4
292.11	34.97	327.08073	7.29	Flualprazolam	Benzodiazepine			C17H12CIFN4
299.06	28.02	327.08073	7.29	Flualprazolam	Benzodiazepine			C17H12CIFN4
327.08	0.00	327.08073	7.29	Flualprazolam	Benzodiazepine			C17H12CIFN4
183.98	149.02	333.0033	7.65	Flubromazepam	Benzodiazepine			C15H10BrFN2O
226.09	106.91	333.0033	7.65	Flubromazepam	Benzodiazepine			C15H10BrFN2O
257.99	75.01	333.0033	7.65	Flubromazepam	Benzodiazepine			C15H10BrFN2O
305.01	27.99	333.0033	7.65	Flubromazepam	Benzodiazepine			C15H10BrFN2O
333	0.00	333.0033	7.65	Flubromazepam	Benzodiazepine			C15H10BrFN2O
223.07	147.96	371.0302	7.39	Flubromazolam	Benzodiazepine			C17H12BrFN4
237.1	133.93	371.0302	7.39	Flubromazolam	Benzodiazepine			C17H12BrFN4
292.11	78.92	371.0302	7.39	Flubromazolam	Benzodiazepine			C17H12BrFN4
343.01	28.02	371.0302	7.39	Flubromazolam	Benzodiazepine			C17H12BrFN4
371.03	0.00	371.0302	7.39	Flubromazolam	Benzodiazepine			C17H12BrFN4
243.05	133.94	376.98664	7.4	Flubrotizolam	Benzodiazepine			C15H10BrFN4S
266.09	110.90	376.98664	7.4	Flubrotizolam	Benzodiazepine			C15H10BrFN4S
298.07	78.92	376.98664	7.4	Flubrotizolam	Benzodiazepine			C15H10BrFN4S
348.97	28.02	376.98664	7.4	Flubrotizolam	Benzodiazepine			C15H10BrFN4S
376.98	0.01	376.98664	7.4	Flubrotizolam	Benzodiazepine			C15H10BrFN4S
376.99	0.00	376.98664	7.4	Flubrotizolam	Benzodiazepine			C15H10BrFN4S
212	121.04	333.03715	7.37	Fluclotizolam	Benzodiazepine			C15H10CIFN4S
228.02	105.02	333.03715	7.37	Fluclotizolam	Benzodiazepine			C15H10CIFN4S
279.01	54.03	333.03715	7.37	Fluclotizolam	Benzodiazepine			C15H10CIFN4S
298.06	34.98	333.03715	7.37	Fluclotizolam	Benzodiazepine			C15H10CIFN4S
333.03	0.01	333.03715	7.37	Fluclotizolam	Benzodiazepine			C15H10CIFN4S
333.04	0.00	333.03715	7.37	Fluclotizolam	Benzodiazepine			C15H10CIFN4S
138.04	189.07	327.10742	7.47	Fluetizolam	Benzodiazepine			C17H15FN4S
244.06	83.05	327.10742	7.47	Fluetizolam	Benzodiazepine			C17H15FN4S
273.08	54.03	327.10742	7.47	Fluetizolam	Benzodiazepine			C17H15FN4S
298.06	29.05	327.10742	7.47	Fluetizolam	Benzodiazepine			C17H15FN4S
327.1	0.01	327.10742	7.47	Fluetizolam	Benzodiazepine			C17H15FN4S
327.11	0.00	327.10742	7.47	Fluetizolam	Benzodiazepine			C17H15FN4S
72.08	299.11	371.18778	6.18	Flunitazene	Opioid	Nitazene	Parent	C20H23FN4O2
100.11	271.08	371.18778	6.18	Flunitazene	Opioid	Nitazene	Parent	C20H23FN4O2
109.04	262.15	371.18778	6.18	Flunitazene	Opioid	Nitazene	Parent	C20H23FN4O2

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
252.11	119.08	371.18778	6.18	Flunitazene	Opioid	Nitazene	Parent	C20H23FN4O2
371.19	0.00	371.18778	6.18	Flunitazene	Opioid	Nitazene	Parent	C20H23FN4O2
239.1	74.99	314.0935462	7.28	Flunitrazepam	Benzodiazepine			C16H12FN3O3
240.1	73.99	314.0935462	7.28	Flunitrazepam	Benzodiazepine			C16H12FN3O3
268.1	45.99	314.0935462	7.28	Flunitrazepam	Benzodiazepine			C16H12FN3O3
286.1	27.99	314.0935462	7.28	Flunitrazepam	Benzodiazepine			C16H12FN3O3
314.09	0.00	314.0935462	7.28	Flunitrazepam	Benzodiazepine			C16H12FN3O3
264.09	74.01	338.10478	6.71	Flunitrazolam	Benzodiazepine			C17H12FN5O2
292.11	45.99	338.10478	6.71	Flunitrazolam	Benzodiazepine			C17H12FN5O2
310.09	28.01	338.10478	6.71	Flunitrazolam	Benzodiazepine			C17H12FN5O2
324.1	14.00	338.10478	6.71	Flunitrazolam	Benzodiazepine			C17H12FN5O2
338.1	0.00	338.10478	6.71	Flunitrazolam	Benzodiazepine			C17H12FN5O2
109.04	127.10	236.14452	4.63	Fluorexetamine (FXE)	Stimulant	Ketamine		C14H18FNO
135.06	101.08	236.14452	4.63	Fluorexetamine (FXE)	Stimulant	Ketamine		C14H18FNO
147.06	89.08	236.14452	4.63	Fluorexetamine (FXE)	Stimulant	Ketamine		C14H18FNO
163.09	73.05	236.14452	4.63	Fluorexetamine (FXE)	Stimulant	Ketamine		C14H18FNO
191.09	45.05	236.14452	4.63	Fluorexetamine (FXE)	Stimulant	Ketamine		C14H18FNO
236.14	0.00	236.14452	4.63	Fluorexetamine (FXE)	Stimulant	Ketamine		C14H18FNO
57.02	97.08	154.1026542	3.74	Fluoroamphetamine	Stimulant	Amphetamine		C9H12FN
83.03	71.07	154.1026542	3.74	Fluoroamphetamine	Stimulant	Amphetamine		C9H12FN
89.04	65.06	154.1026542	3.74	Fluoroamphetamine	Stimulant	Amphetamine		C9H12FN
109.04	45.06	154.1026542	3.74	Fluoroamphetamine	Stimulant	Amphetamine		C9H12FN
137.08	17.02	154.1026542	3.74	Fluoroamphetamine	Stimulant	Amphetamine		C9H12FN
154.1	0.00	154.1026542	3.74	Fluoroamphetamine	Stimulant	Amphetamine		C9H12FN
46.06	136.07	182.13395	4.5	Fluoroethamphetamine	Stimulant	Amphetamine		C11H16FN
83.03	99.10	182.13395	4.5	Fluoroethamphetamine	Stimulant	Amphetamine		C11H16FN
109.04	73.09	182.13395	4.5	Fluoroethamphetamine	Stimulant	Amphetamine		C11H16FN
137.08	45.05	182.13395	4.5	Fluoroethamphetamine	Stimulant	Amphetamine		C11H16FN
182.13	0.00	182.13395	4.5	Fluoroethamphetamine	Stimulant	Amphetamine		C11H16FN
105.07	264.16	369.2337	6.88	Fluoroisobutaryl Fentanyl	Opioid	Fentanyl	Parent	C23H29FN2O
150.07	219.16	369.2337	6.88	Fluoroisobutaryl Fentanyl	Opioid	Fentanyl	Parent	C23H29FN2O
188.14	181.09	369.2337	6.88	Fluoroisobutaryl Fentanyl	Opioid	Fentanyl	Parent	C23H29FN2O
248.14	121.09	369.2337	6.88	Fluoroisobutaryl Fentanyl	Opioid	Fentanyl	Parent	C23H29FN2O
369.23	0.00	369.2337	6.88	Fluoroisobutaryl Fentanyl	Opioid	Fentanyl	Parent	C23H29FN2O
127.05	247.14	374.19147	10.32	Fluoro-JWH-019	Synthetic Cannabinoid	Other	Parent	C25H24FNO
144.04	230.15	374.19147	10.32	Fluoro-JWH-019	Synthetic Cannabinoid	Other	Parent	C25H24FNO
155.05	219.14	374.19147	10.32	Fluoro-JWH-019	Synthetic Cannabinoid	Other	Parent	C25H24FNO
246.13	128.06	374.19147	10.32	Fluoro-JWH-019	Synthetic Cannabinoid	Other	Parent	C25H24FNO
374.19	0.00	374.19147	10.32	Fluoro-JWH-019	Synthetic Cannabinoid	Other	Parent	C25H24FNO
83.03	85.09	168.1183043	4.06	Fluoromethamphetamine	Stimulant	Amphetamine		C10H14FN
108.72	59.40	168.1183043	4.06	Fluoromethamphetamine	Stimulant	Amphetamine		C10H14FN
109.04	59.08	168.1183043	4.06	Fluoromethamphetamine	Stimulant	Amphetamine		C10H14FN
137.08	31.04	168.1183043	4.06	Fluoromethamphetamine	Stimulant	Amphetamine		C10H14FN
168.12	0.00	168.1183043	4.06	Fluoromethamphetamine	Stimulant	Amphetamine		C10H14FN
84.08	256.10	340.18197	5.71	Fluorphine	Opioid	Other	Parent	C20H22FN3O
103.05	237.13	340.18197	5.71	Fluorphine	Opioid	Other	Parent	C20H22FN3O

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
123.06	217.12	340.18197	5.71	Fluorphine	Opioid	Other	Parent	C20H22FN3O
218.13	122.05	340.18197	5.71	Fluorphine	Opioid	Other	Parent	C20H22FN3O
340.18	0.00	340.18197	5.71	Fluorphine	Opioid	Other	Parent	C20H22FN3O
44.05	266.09	310.1413256	7.4	Fluoxetine	Other Pharma	Antidepressant		C17H18NOF3
148.11	162.03	310.1413256	7.4	Fluoxetine	Other Pharma	Antidepressant		C17H18NOF3
275.13	35.01	310.1413256	7.4	Fluoxetine	Other Pharma	Antidepressant		C17H18NOF3
282.08	28.06	310.1413256	7.4	Fluoxetine	Other Pharma	Antidepressant		C17H18NOF3
310.14	0.00	310.1413256	7.4	Fluoxetine	Other Pharma	Antidepressant		C17H18NOF3
143.12	295.06	438.1821458	8.08	Fluphenazine	Other Pharma	Antipsychotic	Typical antipsychotic	C22H26F3N3OS
171.15	267.03	438.1821458	8.08	Fluphenazine	Other Pharma	Antipsychotic	Typical antipsychotic	C22H26F3N3OS
280.04	158.14	438.1821458	8.08	Fluphenazine	Other Pharma	Antipsychotic	Typical antipsychotic	C22H26F3N3OS
398.17	40.01	438.1821458	8.08	Fluphenazine	Other Pharma	Antipsychotic	Typical antipsychotic	C22H26F3N3OS
438.18	0.00	438.1821458	8.08	Fluphenazine	Other Pharma	Antipsychotic	Typical antipsychotic	C22H26F3N3OS
267	121.16	388.1586451	6.41	Flurazepam	Benzodiazepine			C21H23ClFN3O
315.07	73.09	388.1586451	6.41	Flurazepam	Benzodiazepine			C21H23ClFN3O
317.09	71.07	388.1586451	6.41	Flurazepam	Benzodiazepine			C21H23ClFN3O
355.07	33.09	388.1586451	6.41	Flurazepam	Benzodiazepine			C21H23ClFN3O
388.16	0.00	388.1586451	6.41	Flurazepam	Benzodiazepine			C21H23ClFN3O
140.03	203.07	343.1008	9.04	Flutoprazepam	Benzodiazepine			C19H16ClFN2O
226.09	117.01	343.1008	9.04	Flutoprazepam	Benzodiazepine			C19H16ClFN2O
261.06	82.04	343.1008	9.04	Flutoprazepam	Benzodiazepine			C19H16ClFN2O
289.05	54.05	343.1008	9.04	Flutoprazepam	Benzodiazepine			C19H16ClFN2O
343.1	0.00	343.1008	9.04	Flutoprazepam	Benzodiazepine			C19H16ClFN2O
45.04	274.12	319.1627894	7.25	Fluvoxamine	Other Pharma	Antidepressant		C15H21F3N2O2
71.05	248.11	319.1627894	7.25	Fluvoxamine	Other Pharma	Antidepressant		C15H21F3N2O2
200.07	119.09	319.1627894	7.25	Fluvoxamine	Other Pharma	Antidepressant		C15H21F3N2O2
226.06	93.10	319.1627894	7.25	Fluvoxamine	Other Pharma	Antidepressant		C15H21F3N2O2
228.1	91.06	319.1627894	7.25	Fluvoxamine	Other Pharma	Antidepressant		C15H21F3N2O2
319.16	0.00	319.1627894	7.25	Fluvoxamine	Other Pharma	Antidepressant		C15H21F3N2O2
109.04	241.15	350.19147	10.29	FUB-144	Synthetic Cannabinoid	Other	Parent	C23H24FNO
125.1	225.09	350.19147	10.29	FUB-144	Synthetic Cannabinoid	Other	Parent	C23H24FNO
252.08	98.11	350.19147	10.29	FUB-144	Synthetic Cannabinoid	Other	Parent	C23H24FNO
332.18	18.01	350.19147	10.29	FUB-144	Synthetic Cannabinoid	Other	Parent	C23H24FNO
350.19	0.00	350.19147	10.29	FUB-144	Synthetic Cannabinoid	Other	Parent	C23H24FNO
79.05	325.16	404.21327	10.81	FUB-AKB-48	Synthetic Cannabinoid	Other	Parent	C25H26FN3O
93.07	311.14	404.21327	10.81	FUB-AKB-48	Synthetic Cannabinoid	Other	Parent	C25H26FN3O
107.08	297.13	404.21327	10.81	FUB-AKB-48	Synthetic Cannabinoid	Other	Parent	C25H26FN3O
135.12	269.09	404.21327	10.81	FUB-AKB-48	Synthetic Cannabinoid	Other	Parent	C25H26FN3O
404.21	0.00	404.21327	10.81	FUB-AKB-48	Synthetic Cannabinoid	Other	Parent	C25H26FN3O
145.04	228.11	373.15467	8.67	FUBIMINA N-pentanoic acid	Synthetic Cannabinoid	Other	Metabolite	C23H20N2O3
155.05	218.10	373.15467	8.67	FUBIMINA N-pentanoic acid	Synthetic Cannabinoid	Other	Metabolite	C23H20N2O3
201.1	172.05	373.15467	8.67	FUBIMINA N-pentanoic acid	Synthetic Cannabinoid	Other	Metabolite	C23H20N2O3
273.1	100.05	373.15467	8.67	FUBIMINA N-pentanoic acid	Synthetic Cannabinoid	Other	Metabolite	C23H20N2O3
373.15	0.00	373.15467	8.67	FUBIMINA N-pentanoic acid	Synthetic Cannabinoid	Other	Metabolite	C23H20N2O3
109.05	271.09	380.14452	9.91	FUB-JWH-018	Synthetic Cannabinoid	Other	Parent	C26H18FNO
127.05	253.09	380.14452	9.91	FUB-JWH-018	Synthetic Cannabinoid	Other	Parent	C26H18FNO

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
155.05	225.09	380.14452	9.91	FUB-JWH-018	Synthetic Cannabinoid	Other	Parent	C26H18FNO
252.08	128.06	380.14452	9.91	FUB-JWH-018	Synthetic Cannabinoid	Other	Parent	C26H18FNO
380.14	0.00	380.14452	9.91	FUB-JWH-018	Synthetic Cannabinoid	Other	Parent	C26H18FNO
380.15	-0.01	380.14452	9.91	FUB-JWH-018	Synthetic Cannabinoid	Other	Parent	C26H18FNO
109.04	289.09	398.12993	9.38	FUB-NPB-22	Synthetic Cannabinoid	Other	Parent	C24H16FN3O2
225.08	173.05	398.12993	9.38	FUB-NPB-22	Synthetic Cannabinoid	Other	Parent	C24H16FN3O2
253.08	145.05	398.12993	9.38	FUB-NPB-22	Synthetic Cannabinoid	Other	Parent	C24H16FN3O2
253.64	144.49	398.12993	9.38	FUB-NPB-22	Synthetic Cannabinoid	Other	Parent	C24H16FN3O2
398.13	0.00	398.12993	9.38	FUB-NPB-22	Synthetic Cannabinoid	Other	Parent	C24H16FN3O2
83.03	314.10	397.13468	9.57	FUB-PB-22	Synthetic Cannabinoid	Other	Parent	C25H17FN2O2
109.04	288.09	397.13468	9.57	FUB-PB-22	Synthetic Cannabinoid	Other	Parent	C25H17FN2O2
224.09	173.04	397.13468	9.57	FUB-PB-22	Synthetic Cannabinoid	Other	Parent	C25H17FN2O2
252.08	145.05	397.13468	9.57	FUB-PB-22	Synthetic Cannabinoid	Other	Parent	C25H17FN2O2
397.13	0.00	397.13468	9.57	FUB-PB-22	Synthetic Cannabinoid	Other	Parent	C25H17FN2O2
83.03	187.06	270.09248	8.2	FUB-PB-22 3-Carboxyindole	Synthetic Cannabinoid	Other	Metabolite	C16H12FNO2
109.04	161.05	270.09248	8.2	FUB-PB-22 3-Carboxyindole	Synthetic Cannabinoid	Other	Metabolite	C16H12FNO2
174.05	96.04	270.09248	8.2	FUB-PB-22 3-Carboxyindole	Synthetic Cannabinoid	Other	Metabolite	C16H12FNO2
226.11	43.98	270.09248	8.2	FUB-PB-22 3-Carboxyindole	Synthetic Cannabinoid	Other	Metabolite	C16H12FNO2
270.09	0.00	270.09248	8.2	FUB-PB-22 3-Carboxyindole	Synthetic Cannabinoid	Other	Metabolite	C16H12FNO2
105.07	270.14	375.2067	6.3	Furanyl Fentanyl	Opioid	Fentanyl	Parent	C24H26N2O2
134.1	241.11	375.2067	6.3	Furanyl Fentanyl	Opioid	Fentanyl	Parent	C24H26N2O2
188.14	187.07	375.2067	6.3	Furanyl Fentanyl	Opioid	Fentanyl	Parent	C24H26N2O2
254.12	121.09	375.2067	6.3	Furanyl Fentanyl	Opioid	Fentanyl	Parent	C24H26N2O2
375.21	0.00	375.2067	6.3	Furanyl Fentanyl	Opioid	Fentanyl	Parent	C24H26N2O2
95.01	218.18	313.19105	5.73	Furanyl UF-17	Opioid	Utopioid		C19H24N2O2
172.11	141.08	313.19105	5.73	Furanyl UF-17	Opioid	Utopioid		C19H24N2O2
188.07	125.12	313.19105	5.73	Furanyl UF-17	Opioid	Utopioid		C19H24N2O2
268.13	45.06	313.19105	5.73	Furanyl UF-17	Opioid	Utopioid		C19H24N2O2
313.19	0.00	313.19105	5.73	Furanyl UF-17	Opioid	Utopioid		C19H24N2O2
146.1	181.11	327.2067	5.75	Furanylethylfentanyl	Opioid	Fentanyl	Parent	C20H26N2O2
178.12	149.09	327.2067	5.75	Furanylethylfentanyl	Opioid	Fentanyl	Parent	C20H26N2O2
189.14	138.07	327.2067	5.75	Furanylethylfentanyl	Opioid	Fentanyl	Parent	C20H26N2O2
202.12	125.09	327.2067	5.75	Furanylethylfentanyl	Opioid	Fentanyl	Parent	C20H26N2O2
245.16	82.05	327.2067	5.75	Furanylethylfentanyl	Opioid	Fentanyl	Parent	C20H26N2O2
327.21	0.00	327.2067	5.75	Furanylethylfentanyl	Opioid	Fentanyl	Parent	C20H26N2O2
55.02	117.11	172.1332055	3.38	Gabapentin	Other Pharma	Anticonvulsant		C9H17NO2
67.06	105.07	172.1332055	3.38	Gabapentin	Other Pharma	Anticonvulsant		C9H17NO2
95.09	77.04	172.1332055	3.38	Gabapentin	Other Pharma	Anticonvulsant		C9H17NO2
137.1	35.03	172.1332055	3.38	Gabapentin	Other Pharma	Anticonvulsant		C9H17NO2
154.12	18.01	172.1332055	3.38	Gabapentin	Other Pharma	Anticonvulsant		C9H17NO2
172.13	0.00	172.1332055	3.38	Gabapentin	Other Pharma	Anticonvulsant		C9H17NO2
126.09	365.14	491.2322689	9.06	Glimepiride	Other Pharma	Antidiabetic		C24H34N4O5S
167.02	324.21	491.2322689	9.06	Glimepiride	Other Pharma	Antidiabetic		C24H34N4O5S
181.1	310.13	491.2322689	9.06	Glimepiride	Other Pharma	Antidiabetic		C24H34N4O5S
335.11	156.12	491.2322689	9.06	Glimepiride	Other Pharma	Antidiabetic		C24H34N4O5S
352.13	139.10	491.2322689	9.06	Glimepiride	Other Pharma	Antidiabetic		C24H34N4O5S

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
491.23	0.00	491.2322689	9.06	Glimepiride	Other Pharma	Antidiabetic		C24H34N4O5S
167.11	279.08	446.185653	7.52	Glipizide	Other Pharma	Antidiabetic		C21H27N5O4S
286.06	160.13	446.185653	7.52	Glipizide	Other Pharma	Antidiabetic		C21H27N5O4S
304.08	142.11	446.185653	7.52	Glipizide	Other Pharma	Antidiabetic		C21H27N5O4S
321.1	125.09	446.185653	7.52	Glipizide	Other Pharma	Antidiabetic		C21H27N5O4S
347.08	99.11	446.185653	7.52	Glipizide	Other Pharma	Antidiabetic		C21H27N5O4S
446.19	0.00	446.185653	7.52	Glipizide	Other Pharma	Antidiabetic		C21H27N5O4S
91.06	127.06	218.1175554	6.82	Glutethimide	Other Pharma	Depressant		C13H15NO2
131.09	87.03	218.1175554	6.82	Glutethimide	Other Pharma	Depressant		C13H15NO2
173.1	45.02	218.1175554	6.82	Glutethimide	Other Pharma	Depressant		C13H15NO2
190.12	28.00	218.1175554	6.82	Glutethimide	Other Pharma	Depressant		C13H15NO2
218.12	0.00	218.1175554	6.82	Glutethimide	Other Pharma	Depressant		C13H15NO2
93.03	106.07	199.0964856	4.85	Guaifenesin	Other Pharma	Anticonvulsant		C10H14O4
110.04	89.06	199.0964856	4.85	Guaifenesin	Other Pharma	Anticonvulsant		C10H14O4
121.03	78.07	199.0964856	4.85	Guaifenesin	Other Pharma	Anticonvulsant		C10H14O4
122.04	77.06	199.0964856	4.85	Guaifenesin	Other Pharma	Anticonvulsant		C10H14O4
125.06	74.04	199.0964856	4.85	Guaifenesin	Other Pharma	Anticonvulsant		C10H14O4
199.1	0.00	199.0964856	4.85	Guaifenesin	Other Pharma	Anticonvulsant		C10H14O4
123.02	253.13	376.1474117	6.65	Haloperidol	Other Pharma	Antipsychotic		C21H23ClFNO2
165.07	211.08	376.1474117	6.65	Haloperidol	Other Pharma	Antipsychotic		C21H23ClFNO2
206.1	170.05	376.1474117	6.65	Haloperidol	Other Pharma	Antipsychotic		C21H23ClFNO2
358.14	18.01	376.1474117	6.65	Haloperidol	Other Pharma	Antipsychotic		C21H23ClFNO2
376.15	0.00	376.1474117	6.65	Haloperidol	Other Pharma	Antipsychotic		C21H23ClFNO2
105.07	274.20	379.27439	7.75	Hexanoyl Fentanyl	Opioid	Fentanyl	Parent	C25H34N2O
134.1	245.17	379.27439	7.75	Hexanoyl Fentanyl	Opioid	Fentanyl	Parent	C25H34N2O
188.14	191.13	379.27439	7.75	Hexanoyl Fentanyl	Opioid	Fentanyl	Parent	C25H34N2O
258.19	121.08	379.27439	7.75	Hexanoyl Fentanyl	Opioid	Fentanyl	Parent	C25H34N2O
379.27	0.00	379.27439	7.75	Hexanoyl Fentanyl	Opioid	Fentanyl	Parent	C25H34N2O
132.08	74.07	206.1539	5.63	Hexedrone	Stimulant	Cathinone		C13H19NO
144.08	62.07	206.1539	5.63	Hexedrone	Stimulant	Cathinone		C13H19NO
177.06	29.09	206.1539	5.63	Hexedrone	Stimulant	Cathinone		C13H19NO
188.14	18.01	206.1539	5.63	Hexedrone	Stimulant	Cathinone		C13H19NO
206.15	0.00	206.1539	5.63	Hexedrone	Stimulant	Cathinone		C13H19NO
100.11	150.03	250.14377	5.75	Hexylone	Stimulant	Cathinone		C14H19NO3
135.04	115.10	250.14377	5.75	Hexylone	Stimulant	Cathinone		C14H19NO3
160.07	90.07	250.14377	5.75	Hexylone	Stimulant	Cathinone		C14H19NO3
175.06	75.08	250.14377	5.75	Hexylone	Stimulant	Cathinone		C14H19NO3
202.12	48.02	250.14377	5.75	Hexylone	Stimulant	Cathinone		C14H19NO3
250.14	0.00	250.14377	5.75	Hexylone	Stimulant	Cathinone		C14H19NO3
71.09	316.20	387.2893719	10.95	HU-210/HU-211	Synthetic Cannabinoid	Other	Parent	C25H38O3
201.09	186.20	387.2893719	10.95	HU-210/HU-211	Synthetic Cannabinoid	Other	Parent	C25H38O3
243.14	144.15	387.2893719	10.95	HU-210/HU-211	Synthetic Cannabinoid	Other	Parent	C25H38O3
369.28	18.01	387.2893719	10.95	HU-210/HU-211	Synthetic Cannabinoid	Other	Parent	C25H38O3
387.29	0.00	387.2893719	10.95	HU-210/HU-211	Synthetic Cannabinoid	Other	Parent	C25H38O3
151.07	264.25	415.32067	11.93	HU-308	Synthetic Cannabinoid	Other	Parent	C27H42O3
215.11	200.21	415.32067	11.93	HU-308	Synthetic Cannabinoid	Other	Parent	C27H42O3

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
229.12	186.20	415.32067	11.93	HU-308	Synthetic Cannabinoid	Other	Parent	C27H42O3
271.17	144.15	415.32067	11.93	HU-308	Synthetic Cannabinoid	Other	Parent	C27H42O3
415.32	0.00	415.32067	11.93	HU-308	Synthetic Cannabinoid	Other	Parent	C27H42O3
229.09	100.12	329.2111215	10.82	HU-331	Synthetic Cannabinoid	Other	Parent	C21H28O3
259.17	70.04	329.2111215	10.82	HU-331	Synthetic Cannabinoid	Other	Parent	C21H28O3
286.16	43.05	329.2111215	10.82	HU-331	Synthetic Cannabinoid	Other	Parent	C21H28O3
287.16	42.05	329.2111215	10.82	HU-331	Synthetic Cannabinoid	Other	Parent	C21H28O3
329.21	0.00	329.2111215	10.82	HU-331	Synthetic Cannabinoid	Other	Parent	C21H28O3
171.08	129.08	300.1594203	3.92	Hydrocodone	Opioid	Other	Parent	C18H21NO3
199.07	101.09	300.1594203	3.92	Hydrocodone	Opioid	Other	Parent	C18H21NO3
241.07	59.09	300.1594203	3.92	Hydrocodone	Opioid	Other	Parent	C18H21NO3
243.1	57.06	300.1594203	3.92	Hydrocodone	Opioid	Other	Parent	C18H21NO3
300.16	0.00	300.1594203	3.92	Hydrocodone	Opioid	Other	Parent	C18H21NO3
157.06	129.08	286.1437702	2.61	Hydromorphone	Opioid	Other	Parent	C17H19NO3
185.06	101.08	286.1437702	2.61	Hydromorphone	Opioid	Other	Parent	C17H19NO3
199.08	87.06	286.1437702	2.61	Hydromorphone	Opioid	Other	Parent	C17H19NO3
227.07	59.07	286.1437702	2.61	Hydromorphone	Opioid	Other	Parent	C17H19NO3
286.14	0.00	286.1437702	2.61	Hydromorphone	Opioid	Other	Parent	C17H19NO3
46.06	188.09	234.14886	4	Hydroxetamine (HXE)	Stimulant	Arylcyclohexylamine		C14H19NO2
67.05	167.10	234.14886	4	Hydroxetamine (HXE)	Stimulant	Arylcyclohexylamine		C14H19NO2
107.05	127.10	234.14886	4	Hydroxetamine (HXE)	Stimulant	Arylcyclohexylamine		C14H19NO2
145.06	89.09	234.14886	4	Hydroxetamine (HXE)	Stimulant	Arylcyclohexylamine		C14H19NO2
161.09	73.06	234.14886	4	Hydroxetamine (HXE)	Stimulant	Arylcyclohexylamine		C14H19NO2
234.15	0.00	234.14886	4	Hydroxetamine (HXE)	Stimulant	Arylcyclohexylamine		C14H19NO2
131.07	125.04	256.1098832	5.07	Hydroxybupropion	Other Pharma	Antidepressant		C13H18ClNO2
139.03	117.08	256.1098832	5.07	Hydroxybupropion	Other Pharma	Antidepressant		C13H18ClNO2
166.04	90.07	256.1098832	5.07	Hydroxybupropion	Other Pharma	Antidepressant		C13H18ClNO2
167.05	89.06	256.1098832	5.07	Hydroxybupropion	Other Pharma	Antidepressant		C13H18ClNO2
238.1	18.01	256.1098832	5.07	Hydroxybupropion	Other Pharma	Antidepressant		C13H18ClNO2
256.11	0.00	256.1098832	5.07	Hydroxybupropion	Other Pharma	Antidepressant		C13H18ClNO2
158.15	178.03	336.18372	3.85	Hydroxychloroquine	Other Pharma			C18H26ClN3O
179.04	157.14	336.18372	3.85	Hydroxychloroquine	Other Pharma			C18H26ClN3O
191.03	145.15	336.18372	3.85	Hydroxychloroquine	Other Pharma			C18H26ClN3O
247.1	89.08	336.18372	3.85	Hydroxychloroquine	Other Pharma			C18H26ClN3O
336.18	0.00	336.18372	3.85	Hydroxychloroquine	Other Pharma			C18H26ClN3O
193.12	138.11	331.22677	9.87	Hydroxy-delta-8-THC	Cannabinoid	Phytocannabinoid		C21H30O3
201.09	130.14	331.22677	9.87	Hydroxy-delta-8-THC	Cannabinoid	Phytocannabinoid		C21H30O3
271.17	60.06	331.22677	9.87	Hydroxy-delta-8-THC	Cannabinoid	Phytocannabinoid		C21H30O3
313.22	18.01	331.22677	9.87	Hydroxy-delta-8-THC	Cannabinoid	Phytocannabinoid		C21H30O3
331.23	0.00	331.22677	9.87	Hydroxy-delta-8-THC	Cannabinoid	Phytocannabinoid		C21H30O3
109.05	224.03	333.0800603	7.31	Hydroxyethylflurazepam	Benzodiazepine			C17H14ClFN2O2
211.08	122.00	333.0800603	7.31	Hydroxyethylflurazepam	Benzodiazepine			C17H14ClFN2O2
305.09	27.99	333.0800603	7.31	Hydroxyethylflurazepam	Benzodiazepine			C17H14ClFN2O2
315.07	18.01	333.0800603	7.31	Hydroxyethylflurazepam	Benzodiazepine			C17H14ClFN2O2
333.08	0.00	333.0800603	7.31	Hydroxyethylflurazepam	Benzodiazepine			C17H14ClFN2O2
193.12	138.11	331.2267716	9.86	Hydroxy-THC	Cannabinoid	Phytocannabinoid		C21H30O3

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
201.09	130.14	331.2267716	9.86	Hydroxy-THC	Cannabinoid	Phytocannabinoid		C21H30O3
295.21	36.02	331.2267716	9.86	Hydroxy-THC	Cannabinoid	Phytocannabinoid		C21H30O3
313.22	18.01	331.2267716	9.86	Hydroxy-THC	Cannabinoid	Phytocannabinoid		C21H30O3
331.23	0.00	331.2267716	9.86	Hydroxy-THC	Cannabinoid	Phytocannabinoid		C21H30O3
176.03	183.02	359.0460931	7.02	Hydroxytriazolam	Benzodiazepine			C17H12Cl2N4O
313.03	46.02	359.0460931	7.02	Hydroxytriazolam	Benzodiazepine			C17H12Cl2N4O
331.03	28.02	359.0460931	7.02	Hydroxytriazolam	Benzodiazepine			C17H12Cl2N4O
341.04	18.01	359.0460931	7.02	Hydroxytriazolam	Benzodiazepine			C17H12Cl2N4O
359.05	0.00	359.0460931	7.02	Hydroxytriazolam	Benzodiazepine			C17H12Cl2N4O
165.07	210.11	375.1833826	7.15	Hydroxyzine	Other Pharma	Antihistamine		C21H27ClN2O2
166.08	209.10	375.1833826	7.15	Hydroxyzine	Other Pharma	Antihistamine		C21H27ClN2O2
173.13	202.05	375.1833826	7.15	Hydroxyzine	Other Pharma	Antihistamine		C21H27ClN2O2
201.05	174.13	375.1833826	7.15	Hydroxyzine	Other Pharma	Antihistamine		C21H27ClN2O2
375.18	0.00	375.1833826	7.15	Hydroxyzine	Other Pharma	Antihistamine		C21H27ClN2O2
124.11	303.09	427.2027624	6.61	lloperidone	Other Pharma	Antipsychotic	Atypical antipsychotic	C24H27FN2O4
190.07	237.13	427.2027624	6.61	lloperidone	Other Pharma	Antipsychotic	Atypical antipsychotic	C24H27FN2O4
233.11	194.09	427.2027624	6.61	lloperidone	Other Pharma	Antipsychotic	Atypical antipsychotic	C24H27FN2O4
261.14	166.06	427.2027624	6.61	lloperidone	Other Pharma	Antipsychotic	Atypical antipsychotic	C24H27FN2O4
427.2	0.00	427.2027624	6.61	lloperidone	Other Pharma	Antipsychotic	Atypical antipsychotic	C24H27FN2O4
44.05	237.15	281.2012255	7.32	Imipramine	Other Pharma	Antidepressant	Tricyclic antidepressant	C19H24N2
86.1	195.10	281.2012255	7.32	Imipramine	Other Pharma	Antidepressant	Tricyclic antidepressant	C19H24N2
193.09	88.11	281.2012255	7.32	Imipramine	Other Pharma	Antidepressant	Tricyclic antidepressant	C19H24N2
208.11	73.09	281.2012255	7.32	Imipramine	Other Pharma	Antidepressant	Tricyclic antidepressant	C19H24N2
281.2	0.00	281.2012255	7.32	Imipramine	Other Pharma	Antidepressant	Tricyclic antidepressant	C19H24N2
88.08	339.06	427.14191	8.92	IMMA (BML-190)	Synthetic Cannabinoid	Other	Parent	C23H23ClN2O4
111	316.14	427.14191	8.92	IMMA (BML-190)	Synthetic Cannabinoid	Other	Parent	C23H23ClN2O4
138.99	288.15	427.14191	8.92	IMMA (BML-190)	Synthetic Cannabinoid	Other	Parent	C23H23ClN2O4
312.08	115.06	427.14191	8.92	IMMA (BML-190)	Synthetic Cannabinoid	Other	Parent	C23H23ClN2O4
427.14	0.00	427.14191	8.92	IMMA (BML-190)	Synthetic Cannabinoid	Other	Parent	C23H23ClN2O4
77.04	99.03	176.07061	5.62	Indole-3-acetic Acid (IAA)	Synthetic Cannabinoid	Hormone		C10H9NO2
103.05	73.02	176.07061	5.62	Indole-3-acetic Acid (IAA)	Synthetic Cannabinoid	Hormone		C10H9NO2
128.05	48.02	176.07061	5.62	Indole-3-acetic Acid (IAA)	Synthetic Cannabinoid	Hormone		C10H9NO2
130.06	46.01	176.07061	5.62	Indole-3-acetic Acid (IAA)	Synthetic Cannabinoid	Hormone		C10H9NO2
176.07	0.00	176.07061	5.62	Indole-3-acetic Acid (IAA)	Synthetic Cannabinoid	Hormone		C10H9NO2
111	247.08	358.0840624	8.89	Indomethacin	Other Pharma	Non-narcotic analgesic		C19H16ClNO4
138.99	219.09	358.0840624	8.89	Indomethacin	Other Pharma	Non-narcotic analgesic		C19H16ClNO4
174.09	183.99	358.0840624	8.89	Indomethacin	Other Pharma	Non-narcotic analgesic		C19H16ClNO4
340.23	17.85	358.0840624	8.89	Indomethacin	Other Pharma	Non-narcotic analgesic		C19H16ClNO4
358.08	0.00	358.0840624	8.89	Indomethacin	Other Pharma	Non-narcotic analgesic		C19H16ClNO4
44.05	381.20	425.25472	7.7	iso-Butonitazene	Opioid	Nitazene	Parent	C24H32N4O3
72.08	353.17	425.25472	7.7	iso-Butonitazene	Opioid	Nitazene	Parent	C24H32N4O3
100.11	325.14	425.25472	7.7	iso-Butonitazene	Opioid	Nitazene	Parent	C24H32N4O3
107.05	318.20	425.25472	7.7	iso-Butonitazene	Opioid	Nitazene	Parent	C24H32N4O3
425.25	0.00	425.25472	7.7	iso-Butonitazene	Opioid	Nitazene	Parent	C24H32N4O3
425.26	-0.01	425.25472	7.7	iso-Butonitazene	Opioid	Nitazene	Parent	C24H32N4O3
57.07	232.12	289.19105	10.5	Isobutyl-PINAC	Synthetic Cannabinoid	Other	Parent	C17H24N2O2



Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
117.04	172.15	289.19105	10.5	Isobutyl-PINAC	Synthetic Cannabinoid	Other	Parent	C17H24N2O2
145.04	144.15	289.19105	10.5	Isobutyl-PINAC	Synthetic Cannabinoid	Other	Parent	C17H24N2O2
215.12	74.07	289.19105	10.5	Isobutyl-PINAC	Synthetic Cannabinoid	Other	Parent	C17H24N2O2
233.13	56.06	289.19105	10.5	Isobutyl-PINAC	Synthetic Cannabinoid	Other	Parent	C17H24N2O2
289.19	0.00	289.19105	10.5	Isobutyl-PINAC	Synthetic Cannabinoid	Other	Parent	C17H24N2O2
105.07	246.17	351.2431	6.66	Isobutyryl Fentanyl	Opioid	Fentanyl	Parent	C23H30N2O
188.14	163.10	351.2431	6.66	Isobutyryl Fentanyl	Opioid	Fentanyl	Parent	C23H30N2O
230.15	121.09	351.2431	6.66	Isobutyryl Fentanyl	Opioid	Fentanyl	Parent	C23H30N2O
282	69.24	351.2431	6.66	Isobutyryl Fentanyl	Opioid	Fentanyl	Parent	C23H30N2O
351.24	0.00	351.2431	6.66	Isobutyryl Fentanyl	Opioid	Fentanyl	Parent	C23H30N2O
56.05	206.13	262.18016	6.22	Isopropylphenidate	Stimulant	Phenethylamine		C16H23NO2
84.08	178.10	262.18016	6.22	Isopropylphenidate	Stimulant	Phenethylamine		C16H23NO2
174.13	88.05	262.18016	6.22	Isopropylphenidate	Stimulant	Phenethylamine		C16H23NO2
220.13	42.05	262.18016	6.22	Isopropylphenidate	Stimulant	Phenethylamine		C16H23NO2
262.18	0.00	262.18016	6.22	Isopropylphenidate	Stimulant	Phenethylamine		C16H23NO2
172.96	184.19	357.1495	7.09	Isopropyl-U-47700	Opioid	Utopioid		C18H26Cl2N2O
189.98	167.17	357.1495	7.09	Isopropyl-U-47700	Opioid	Utopioid		C18H26Cl2N2O
232.03	125.12	357.1495	7.09	Isopropyl-U-47700	Opioid	Utopioid		C18H26Cl2N2O
270.05	87.10	357.1495	7.09	Isopropyl-U-47700	Opioid	Utopioid		C18H26Cl2N2O
312.09	45.06	357.1495	7.09	Isopropyl-U-47700	Opioid	Utopioid		C18H26Cl2N2O
357.15	0.00	357.1495	7.09	Isopropyl-U-47700	Opioid	Utopioid		C18H26Cl2N2O
44.05	322.20	366.25399	5.95	Isotodesnitazene	Opioid	Nitazene	Parent	C23H31N3O
72.08	294.17	366.25399	5.95	Isotodesnitazene	Opioid	Nitazene	Parent	C23H31N3O
100.11	266.14	366.25399	5.95	Isotodesnitazene	Opioid	Nitazene	Parent	C23H31N3O
107.05	259.20	366.25399	5.95	Isotodesnitazene	Opioid	Nitazene	Parent	C23H31N3O
366.25	0.00	366.25399	5.95	Isotodesnitazene	Opioid	Nitazene	Parent	C23H31N3O
44.05	367.19	411.23907	6.95	Isotonitazene	Opioid	Nitazene	Parent	C23H30N4O3
72.08	339.16	411.23907	6.95	Isotonitazene	Opioid	Nitazene	Parent	C23H30N4O3
100.11	311.13	411.23907	6.95	Isotonitazene	Opioid	Nitazene	Parent	C23H30N4O3
250.11	161.13	411.23907	6.95	Isotonitazene	Opioid	Nitazene	Parent	C23H30N4O3
411.24	0.00	411.23907	6.95	Isotonitazene	Opioid	Nitazene	Parent	C23H30N4O3
127.05	229.15	356.2008911	10.47	JWH-007	Synthetic Cannabinoid	Other	Parent	C25H25NO
155.05	201.15	356.2008911	10.47	JWH-007	Synthetic Cannabinoid	Other	Parent	C25H25NO
158.06	198.14	356.2008911	10.47	JWH-007	Synthetic Cannabinoid	Other	Parent	C25H25NO
228.14	128.06	356.2008911	10.47	JWH-007	Synthetic Cannabinoid	Other	Parent	C25H25NO
356.2	0.00	356.2008911	10.47	JWH-007	Synthetic Cannabinoid	Other	Parent	C25H25NO
127.05	257.18	384.23219	10.97	JWH-011	Synthetic Cannabinoid	Other	Parent	C27H29NO
155.05	229.18	384.23219	10.97	JWH-011	Synthetic Cannabinoid	Other	Parent	C27H29NO
256.17	128.06	384.23219	10.97	JWH-011	Synthetic Cannabinoid	Other	Parent	C27H29NO
286.12	98.11	384.23219	10.97	JWH-011	Synthetic Cannabinoid	Other	Parent	C27H29NO
384.23	0.00	384.23219	10.97	JWH-011	Synthetic Cannabinoid	Other	Parent	C27H29NO
127.05	201.12	328.169591	9.74	JWH-015	Synthetic Cannabinoid	Other	Parent	C23H21NO
155.05	173.12	328.169591	9.74	JWH-015	Synthetic Cannabinoid	Other	Parent	C23H21NO
158.06	170.11	328.169591	9.74	JWH-015	Synthetic Cannabinoid	Other	Parent	C23H21NO
200.11	128.06	328.169591	9.74	JWH-015	Synthetic Cannabinoid	Other	Parent	C23H21NO
328.17	0.00	328.169591	9.74	JWH-015	Synthetic Cannabinoid	Other	Parent	C23H21NO

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
127.05	215.14	342.1852	10.24	JWH-016	Synthetic Cannabinoid	Other	Parent	C24H23NO
155.05	187.14	342.1852	10.24	JWH-016	Synthetic Cannabinoid	Other	Parent	C24H23NO
158.06	184.13	342.1852	10.24	JWH-016	Synthetic Cannabinoid	Other	Parent	C24H23NO
214.12	128.07	342.1852	10.24	JWH-016	Synthetic Cannabinoid	Other	Parent	C24H23NO
342.19	0.00	342.1852	10.24	JWH-016	Synthetic Cannabinoid	Other	Parent	C24H23NO
127.05	215.14	342.1852411	10.35	JWH-018	Synthetic Cannabinoid	Other	Parent	C24H23NO
144.04	198.15	342.1852411	10.35	JWH-018	Synthetic Cannabinoid	Other	Parent	C24H23NO
155.05	187.14	342.1852411	10.35	JWH-018	Synthetic Cannabinoid	Other	Parent	C24H23NO
214.12	128.07	342.1852411	10.35	JWH-018	Synthetic Cannabinoid	Other	Parent	C24H23NO
342.18	0.01	342.1852411	10.35	JWH-018	Synthetic Cannabinoid	Other	Parent	C24H23NO
342.19	0.00	342.1852411	10.35	JWH-018	Synthetic Cannabinoid	Other	Parent	C24H23NO
127.05	245.15	372.1958	10.39	JWH-018 6-Methoxyindole Analogue	Synthetic Cannabinoid	Other	Parent	C25H25NO2
155.05	217.15	372.1958	10.39	JWH-018 6-Methoxyindole Analogue	Synthetic Cannabinoid	Other	Parent	C25H25NO2
174.06	198.14	372.1958	10.39	JWH-018 6-Methoxyindole Analogue	Synthetic Cannabinoid	Other	Parent	C25H25NO2
244.13	128.07	372.1958	10.39	JWH-018 6-Methoxyindole Analogue	Synthetic Cannabinoid	Other	Parent	C25H25NO2
372.2	0.00	372.1958	10.39	JWH-018 6-Methoxyindole Analogue	Synthetic Cannabinoid	Other	Parent	C25H25NO2
116.05	242.14	358.19139	10.83	JWH-018 8-Quinolinylnyl Carboxamide	Synthetic Cannabinoid	Other	Parent	C23H23N3O
144.04	214.15	358.19139	10.83	JWH-018 8-Quinolinylnyl Carboxamide	Synthetic Cannabinoid	Other	Parent	C23H23N3O
171.06	187.13	358.19139	10.83	JWH-018 8-Quinolinylnyl Carboxamide	Synthetic Cannabinoid	Other	Parent	C23H23N3O
214.12	144.07	358.19139	10.83	JWH-018 8-Quinolinylnyl Carboxamide	Synthetic Cannabinoid	Other	Parent	C23H23N3O
358.19	0.00	358.19139	10.83	JWH-018 8-Quinolinylnyl Carboxamide	Synthetic Cannabinoid	Other	Parent	C23H23N3O
145.04	198.14	343.18049	10.55	JWH-018 Benzimidazole Analogue	Synthetic Cannabinoid	Other	Parent	C23H22N2O
155.05	188.13	343.18049	10.55	JWH-018 Benzimidazole Analogue	Synthetic Cannabinoid	Other	Parent	C23H22N2O
215.12	128.06	343.18049	10.55	JWH-018 Benzimidazole Analogue	Synthetic Cannabinoid	Other	Parent	C23H22N2O
273.1	70.08	343.18049	10.55	JWH-018 Benzimidazole Analogue	Synthetic Cannabinoid	Other	Parent	C23H22N2O
343.18	0.00	343.18049	10.55	JWH-018 Benzimidazole Analogue	Synthetic Cannabinoid	Other	Parent	C23H22N2O
127.05	215.14	342.18524	10.17	JWH-018 N-(1,1-Dimethylpropyl) Isomer	Synthetic Cannabinoid	Other	Parent	C24H23NO
144.04	198.15	342.18524	10.17	JWH-018 N-(1,1-Dimethylpropyl) Isomer	Synthetic Cannabinoid	Other	Parent	C24H23NO
155.05	187.14	342.18524	10.17	JWH-018 N-(1,1-Dimethylpropyl) Isomer	Synthetic Cannabinoid	Other	Parent	C24H23NO
272.11	70.08	342.18524	10.17	JWH-018 N-(1,1-Dimethylpropyl) Isomer	Synthetic Cannabinoid	Other	Parent	C24H23NO
342.19	0.00	342.18524	10.17	JWH-018 N-(1,1-Dimethylpropyl) Isomer	Synthetic Cannabinoid	Other	Parent	C24H23NO
127.05	229.11	356.1645	9.12	JWH-018 N-(4,5-Epoxypropyl) Analogue	Synthetic Cannabinoid	Other	Parent	C24H21NO2
155.05	201.11	356.1645	9.12	JWH-018 N-(4,5-Epoxypropyl) Analogue	Synthetic Cannabinoid	Other	Parent	C24H21NO2
228.1	128.06	356.1645	9.12	JWH-018 N-(4,5-Epoxypropyl) Analogue	Synthetic Cannabinoid	Other	Parent	C24H21NO2
284.11	72.05	356.1645	9.12	JWH-018 N-(4,5-Epoxypropyl) Analogue	Synthetic Cannabinoid	Other	Parent	C24H21NO2
356.16	0.00	356.1645	9.12	JWH-018 N-(4,5-Epoxypropyl) Analogue	Synthetic Cannabinoid	Other	Parent	C24H21NO2
356.17	-0.01	356.1645	9.12	JWH-018 N-(4,5-Epoxypropyl) Analogue	Synthetic Cannabinoid	Other	Parent	C24H21NO2
127.05	293.05	420.0958	10.21	JWH-018 N-(5-Bromopentyl) Analogue	Synthetic Cannabinoid	Other	Parent	C24H22BrNO
144.04	276.06	420.0958	10.21	JWH-018 N-(5-Bromopentyl) Analogue	Synthetic Cannabinoid	Other	Parent	C24H22BrNO
155.05	265.05	420.0958	10.21	JWH-018 N-(5-Bromopentyl) Analogue	Synthetic Cannabinoid	Other	Parent	C24H22BrNO
292.03	128.07	420.0958	10.21	JWH-018 N-(5-Bromopentyl) Analogue	Synthetic Cannabinoid	Other	Parent	C24H22BrNO
420.1	0.00	420.0958	10.21	JWH-018 N-(5-Bromopentyl) Analogue	Synthetic Cannabinoid	Other	Parent	C24H22BrNO
127.05	249.10	376.1463	10.09	JWH-018 N-(5-Chloropentyl) Analogue	Synthetic Cannabinoid	Other	Parent	C24H22ClNO
144.04	232.11	376.1463	10.09	JWH-018 N-(5-Chloropentyl) Analogue	Synthetic Cannabinoid	Other	Parent	C24H22ClNO
155.05	221.10	376.1463	10.09	JWH-018 N-(5-Chloropentyl) Analogue	Synthetic Cannabinoid	Other	Parent	C24H22ClNO
248.08	128.07	376.1463	10.09	JWH-018 N-(5-Chloropentyl) Analogue	Synthetic Cannabinoid	Other	Parent	C24H22ClNO

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
376.15	0.00	376.1463	10.09	JWH-018 N-(5-Chloropentyl) Analogue	Synthetic Cannabinoid	Other	Parent	C24H22ClNO
127.05	245.11	372.15942	8.76	JWH-018 N-Pentanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C24H21NO3
144.04	228.12	372.15942	8.76	JWH-018 N-Pentanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C24H21NO3
155.05	217.11	372.15942	8.76	JWH-018 N-Pentanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C24H21NO3
244.1	128.06	372.15942	8.76	JWH-018 N-Pentanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C24H21NO3
372.16	0.00	372.15942	8.76	JWH-018 N-Pentanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C24H21NO3
127.05	224.19	351.24173	10.51	JWH-018-D9	Synthetic Cannabinoid	Other	Parent	C24H14[2H9]NO
145.05	206.19	351.24173	10.51	JWH-018-D9	Synthetic Cannabinoid	Other	Parent	C24H14[2H9]NO
155.05	196.19	351.24173	10.51	JWH-018-D9	Synthetic Cannabinoid	Other	Parent	C24H14[2H9]NO
223.18	128.06	351.24173	10.51	JWH-018-D9	Synthetic Cannabinoid	Other	Parent	C24H14[2H9]NO
351.24	0.00	351.24173	10.51	JWH-018-D9	Synthetic Cannabinoid	Other	Parent	C24H14[2H9]NO
127.05	229.15	356.2008911	10.66	JWH-019	Synthetic Cannabinoid	Other	Parent	C25H25NO
144.04	212.16	356.2008911	10.66	JWH-019	Synthetic Cannabinoid	Other	Parent	C25H25NO
155.05	201.15	356.2008911	10.66	JWH-019	Synthetic Cannabinoid	Other	Parent	C25H25NO
228.14	128.06	356.2008911	10.66	JWH-019	Synthetic Cannabinoid	Other	Parent	C25H25NO
356.2	0.00	356.2008911	10.66	JWH-019	Synthetic Cannabinoid	Other	Parent	C25H25NO
127.05	243.17	370.2165412	10.96	JWH-020	Synthetic Cannabinoid	Other	Parent	C26H27NO
144.04	226.18	370.2165412	10.96	JWH-020	Synthetic Cannabinoid	Other	Parent	C26H27NO
155.05	215.17	370.2165412	10.96	JWH-020	Synthetic Cannabinoid	Other	Parent	C26H27NO
242.15	128.07	370.2165412	10.96	JWH-020	Synthetic Cannabinoid	Other	Parent	C26H27NO
370.22	0.00	370.2165412	10.96	JWH-020	Synthetic Cannabinoid	Other	Parent	C26H27NO
127.05	213.12	340.16959	10.12	JWH-022	Synthetic Cannabinoid	Other	Parent	C24H21NO
144.04	196.13	340.16959	10.12	JWH-022	Synthetic Cannabinoid	Other	Parent	C24H21NO
155.05	185.12	340.16959	10.12	JWH-022	Synthetic Cannabinoid	Other	Parent	C24H21NO
212.11	128.06	340.16959	10.12	JWH-022	Synthetic Cannabinoid	Other	Parent	C24H21NO
340.17	0.00	340.16959	10.12	JWH-022	Synthetic Cannabinoid	Other	Parent	C24H21NO
94.03	198.14	292.1696	9.83	JWH-030	Synthetic Cannabinoid	Other	Parent	C20H21NO
127.05	165.12	292.1696	9.83	JWH-030	Synthetic Cannabinoid	Other	Parent	C20H21NO
155.05	137.12	292.1696	9.83	JWH-030	Synthetic Cannabinoid	Other	Parent	C20H21NO
164.11	128.06	292.1696	9.83	JWH-030	Synthetic Cannabinoid	Other	Parent	C20H21NO
292.17	0.00	292.1696	9.83	JWH-030	Synthetic Cannabinoid	Other	Parent	C20H21NO
94.03	212.16	306.1861	10.22	JWH-031	Synthetic Cannabinoid	Other	Parent	C21H23NO
127.05	179.14	306.1861	10.22	JWH-031	Synthetic Cannabinoid	Other	Parent	C21H23NO
155.05	151.14	306.1861	10.22	JWH-031	Synthetic Cannabinoid	Other	Parent	C21H23NO
178.12	128.07	306.1861	10.22	JWH-031	Synthetic Cannabinoid	Other	Parent	C21H23NO
306.19	0.00	306.1861	10.22	JWH-031	Synthetic Cannabinoid	Other	Parent	C21H23NO
127.05	173.09	300.1383	9.33	JWH-071	Synthetic Cannabinoid	Other	Parent	C21H17NO
144.04	156.10	300.1383	9.33	JWH-071	Synthetic Cannabinoid	Other	Parent	C21H17NO
155.05	145.09	300.1383	9.33	JWH-071	Synthetic Cannabinoid	Other	Parent	C21H17NO
172.08	128.06	300.1383	9.33	JWH-071	Synthetic Cannabinoid	Other	Parent	C21H17NO
300.14	0.00	300.1383	9.33	JWH-071	Synthetic Cannabinoid	Other	Parent	C21H17NO
127.05	187.10	314.1539409	9.59	JWH-072	Synthetic Cannabinoid	Other	Parent	C22H19NO
144.04	170.11	314.1539409	9.59	JWH-072	Synthetic Cannabinoid	Other	Parent	C22H19NO
155.05	159.10	314.1539409	9.59	JWH-072	Synthetic Cannabinoid	Other	Parent	C22H19NO
186.09	128.06	314.1539409	9.59	JWH-072	Synthetic Cannabinoid	Other	Parent	C22H19NO
314.15	0.00	314.1539409	9.59	JWH-072	Synthetic Cannabinoid	Other	Parent	C22H19NO

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
127.05	201.12	328.169591	10	JWH-073	Synthetic Cannabinoid	Other	Parent	C23H21NO
144.04	184.13	328.169591	10	JWH-073	Synthetic Cannabinoid	Other	Parent	C23H21NO
155.05	173.12	328.169591	10	JWH-073	Synthetic Cannabinoid	Other	Parent	C23H21NO
200.11	128.06	328.169591	10	JWH-073	Synthetic Cannabinoid	Other	Parent	C23H21NO
328.17	0.00	328.169591	10	JWH-073	Synthetic Cannabinoid	Other	Parent	C23H21NO
115.05	227.14	342.1852	10.18	JWH-073 2-Methylnaphthyl Analogue	Synthetic Cannabinoid	Other	Parent	C24H23NO
141.07	201.12	342.1852	10.18	JWH-073 2-Methylnaphthyl Analogue	Synthetic Cannabinoid	Other	Parent	C24H23NO
169.07	173.12	342.1852	10.18	JWH-073 2-Methylnaphthyl Analogue	Synthetic Cannabinoid	Other	Parent	C24H23NO
200.11	142.08	342.1852	10.18	JWH-073 2-Methylnaphthyl Analogue	Synthetic Cannabinoid	Other	Parent	C24H23NO
342.19	0.00	342.1852	10.18	JWH-073 2-Methylnaphthyl Analogue	Synthetic Cannabinoid	Other	Parent	C24H23NO
127.05	231.13	358.18016	10.07	JWH-073 6-Methoxyindole Analogue	Synthetic Cannabinoid	Other	Parent	C24H23NO2
155.05	203.13	358.18016	10.07	JWH-073 6-Methoxyindole Analogue	Synthetic Cannabinoid	Other	Parent	C24H23NO2
174.05	184.13	358.18016	10.07	JWH-073 6-Methoxyindole Analogue	Synthetic Cannabinoid	Other	Parent	C24H23NO2
230.12	128.06	358.18016	10.07	JWH-073 6-Methoxyindole Analogue	Synthetic Cannabinoid	Other	Parent	C24H23NO2
358.18	0.00	358.18016	10.07	JWH-073 6-Methoxyindole Analogue	Synthetic Cannabinoid	Other	Parent	C24H23NO2
144.04	214.14	358.18016	10.28	JWH-080	Synthetic Cannabinoid	Other	Parent	C24H23NO2
157.07	201.11	358.18016	10.28	JWH-080	Synthetic Cannabinoid	Other	Parent	C24H23NO2
185.06	173.12	358.18016	10.28	JWH-080	Synthetic Cannabinoid	Other	Parent	C24H23NO2
200.11	158.07	358.18016	10.28	JWH-080	Synthetic Cannabinoid	Other	Parent	C24H23NO2
358.18	0.00	358.18016	10.28	JWH-080	Synthetic Cannabinoid	Other	Parent	C24H23NO2
144.04	228.16	372.1958058	10.49	JWH-081	Synthetic Cannabinoid	Other	Parent	C25H25NO2
157.06	215.14	372.1958058	10.49	JWH-081	Synthetic Cannabinoid	Other	Parent	C25H25NO2
185.06	187.14	372.1958058	10.49	JWH-081	Synthetic Cannabinoid	Other	Parent	C25H25NO2
214.12	158.08	372.1958058	10.49	JWH-081	Synthetic Cannabinoid	Other	Parent	C25H25NO2
372.2	0.00	372.1958058	10.49	JWH-081	Synthetic Cannabinoid	Other	Parent	C25H25NO2
144.04	254.17	398.21146	10.94	JWH-081 N-(Cyclohexylmethyl) Analogue	Synthetic Cannabinoid	Other	Parent	C27H27NO2
157.06	241.15	398.21146	10.94	JWH-081 N-(Cyclohexylmethyl) Analogue	Synthetic Cannabinoid	Other	Parent	C27H27NO2
185.06	213.15	398.21146	10.94	JWH-081 N-(Cyclohexylmethyl) Analogue	Synthetic Cannabinoid	Other	Parent	C27H27NO2
240.14	158.07	398.21146	10.94	JWH-081 N-(Cyclohexylmethyl) Analogue	Synthetic Cannabinoid	Other	Parent	C27H27NO2
398.21	0.00	398.21146	10.94	JWH-081 N-(Cyclohexylmethyl) Analogue	Synthetic Cannabinoid	Other	Parent	C27H27NO2
157.06	229.15	386.2114559	10.6	JWH-098	Synthetic Cannabinoid	Other	Parent	C26H27NO2
158.06	228.15	386.2114559	10.6	JWH-098	Synthetic Cannabinoid	Other	Parent	C26H27NO2
185.06	201.15	386.2114559	10.6	JWH-098	Synthetic Cannabinoid	Other	Parent	C26H27NO2
228.14	158.07	386.2114559	10.6	JWH-098	Synthetic Cannabinoid	Other	Parent	C26H27NO2
386.21	0.00	386.2114559	10.6	JWH-098	Synthetic Cannabinoid	Other	Parent	C26H27NO2
127.05	243.17	370.21654	10.84	JWH-116	Synthetic Cannabinoid	Other	Parent	C26H27NO
155.05	215.17	370.21654	10.84	JWH-116	Synthetic Cannabinoid	Other	Parent	C26H27NO
172.08	198.14	370.21654	10.84	JWH-116	Synthetic Cannabinoid	Other	Parent	C26H27NO
242.15	128.07	370.21654	10.84	JWH-116	Synthetic Cannabinoid	Other	Parent	C26H27NO
370.22	0.00	370.21654	10.84	JWH-116	Synthetic Cannabinoid	Other	Parent	C26H27NO
141.07	215.13	356.2008911	10.62	JWH-122	Synthetic Cannabinoid	Other	Parent	C25H25NO
144.04	212.16	356.2008911	10.62	JWH-122	Synthetic Cannabinoid	Other	Parent	C25H25NO
169.06	187.14	356.2008911	10.62	JWH-122	Synthetic Cannabinoid	Other	Parent	C25H25NO
214.12	142.08	356.2008911	10.62	JWH-122	Synthetic Cannabinoid	Other	Parent	C25H25NO
356.2	0.00	356.2008911	10.62	JWH-122	Synthetic Cannabinoid	Other	Parent	C25H25NO
115.05	239.14	354.1852	10.41	JWH-122 N-(4-Pentenyl) Analogue	Synthetic Cannabinoid	Other	Parent	C25H23NO

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
141.07	213.12	354.1852	10.41	JWH-122 N-(4-Pentenyl) Analogue	Synthetic Cannabinoid	Other	Parent	C25H23NO
169.06	185.13	354.1852	10.41	JWH-122 N-(4-Pentenyl) Analogue	Synthetic Cannabinoid	Other	Parent	C25H23NO
212.11	142.08	354.1852	10.41	JWH-122 N-(4-Pentenyl) Analogue	Synthetic Cannabinoid	Other	Parent	C25H23NO
354.19	0.00	354.1852	10.41	JWH-122 N-(4-Pentenyl) Analogue	Synthetic Cannabinoid	Other	Parent	C25H23NO
85.1	228.15	313.2525924	12.33	JWH-133	Synthetic Cannabinoid	Other	Parent	C22H32O
91.06	222.19	313.2525924	12.33	JWH-133	Synthetic Cannabinoid	Other	Parent	C22H32O
149.02	164.23	313.2525924	12.33	JWH-133	Synthetic Cannabinoid	Other	Parent	C22H32O
173.1	140.15	313.2525924	12.33	JWH-133	Synthetic Cannabinoid	Other	Parent	C22H32O
229.16	84.09	313.2525924	12.33	JWH-133	Synthetic Cannabinoid	Other	Parent	C22H32O
313.25	0.00	313.2525924	12.33	JWH-133	Synthetic Cannabinoid	Other	Parent	C22H32O
101.04	267.16	368.2009	10.79	JWH-145	Synthetic Cannabinoid	Other	Parent	C26H25NO
127.05	241.15	368.2009	10.79	JWH-145	Synthetic Cannabinoid	Other	Parent	C26H25NO
155.05	213.15	368.2009	10.79	JWH-145	Synthetic Cannabinoid	Other	Parent	C26H25NO
240.14	128.06	368.2009	10.79	JWH-145	Synthetic Cannabinoid	Other	Parent	C26H25NO
368.2	0.00	368.2009	10.79	JWH-145	Synthetic Cannabinoid	Other	Parent	C26H25NO
127.05	269.18	396.23219	11.32	JWH-146	Synthetic Cannabinoid	Other	Parent	C28H29NO
155.05	241.18	396.23219	11.32	JWH-146	Synthetic Cannabinoid	Other	Parent	C28H29NO
170.06	226.17	396.23219	11.32	JWH-146	Synthetic Cannabinoid	Other	Parent	C28H29NO
268.17	128.06	396.23219	11.32	JWH-146	Synthetic Cannabinoid	Other	Parent	C28H29NO
396.23	0.00	396.23219	11.32	JWH-146	Synthetic Cannabinoid	Other	Parent	C28H29NO
126.05	256.17	382.2165412	10.97	JWH-147	Synthetic Cannabinoid	Other	Parent	C27H27NO
127.05	255.17	382.2165412	10.97	JWH-147	Synthetic Cannabinoid	Other	Parent	C27H27NO
155.05	227.17	382.2165412	10.97	JWH-147	Synthetic Cannabinoid	Other	Parent	C27H27NO
254.16	128.06	382.2165412	10.97	JWH-147	Synthetic Cannabinoid	Other	Parent	C27H27NO
382.22	0.00	382.2165412	10.97	JWH-147	Synthetic Cannabinoid	Other	Parent	C27H27NO
141.07	229.15	370.21654	10.82	JWH-149	Synthetic Cannabinoid	Other	Parent	C26H27NO
158.06	212.16	370.21654	10.82	JWH-149	Synthetic Cannabinoid	Other	Parent	C26H27NO
169.07	201.15	370.21654	10.82	JWH-149	Synthetic Cannabinoid	Other	Parent	C26H27NO
288.14	82.08	370.21654	10.82	JWH-149	Synthetic Cannabinoid	Other	Parent	C26H27NO
370.22	0.00	370.21654	10.82	JWH-149	Synthetic Cannabinoid	Other	Parent	C26H27NO
91.05	215.14	306.18524	9.95	JWH-167	Synthetic Cannabinoid	Other	Parent	C21H23NO
144.04	162.15	306.18524	9.95	JWH-167	Synthetic Cannabinoid	Other	Parent	C21H23NO
188.14	118.05	306.18524	9.95	JWH-167	Synthetic Cannabinoid	Other	Parent	C21H23NO
214.12	92.07	306.18524	9.95	JWH-167	Synthetic Cannabinoid	Other	Parent	C21H23NO
306.19	0.00	306.18524	9.95	JWH-167	Synthetic Cannabinoid	Other	Parent	C21H23NO
115.05	213.16	328.2059765	11.34	JWH-175	Synthetic Cannabinoid	Other	Parent	C24H25N
141.07	187.14	328.2059765	11.34	JWH-175	Synthetic Cannabinoid	Other	Parent	C24H25N
186.13	142.08	328.2059765	11.34	JWH-175	Synthetic Cannabinoid	Other	Parent	C24H25N
200.14	128.07	328.2059765	11.34	JWH-175	Synthetic Cannabinoid	Other	Parent	C24H25N
328.21	0.00	328.2059765	11.34	JWH-175	Synthetic Cannabinoid	Other	Parent	C24H25N
117.07	208.13	325.1951	12.32	JWH-176	Synthetic Cannabinoid	Other	Parent	C25H24
141.07	184.13	325.1951	12.32	JWH-176	Synthetic Cannabinoid	Other	Parent	C25H24
240.09	85.11	325.1951	12.32	JWH-176	Synthetic Cannabinoid	Other	Parent	C25H24
255.12	70.08	325.1951	12.32	JWH-176	Synthetic Cannabinoid	Other	Parent	C25H24
325.19	0.01	325.1951	12.32	JWH-176	Synthetic Cannabinoid	Other	Parent	C25H24
325.2	0.00	325.1951	12.32	JWH-176	Synthetic Cannabinoid	Other	Parent	C25H24

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
141.07	215.13	356.20089	10.63	JWH-180	Synthetic Cannabinoid	Other	Parent	C25H25NO
144.04	212.16	356.20089	10.63	JWH-180	Synthetic Cannabinoid	Other	Parent	C25H25NO
186.09	170.11	356.20089	10.63	JWH-180	Synthetic Cannabinoid	Other	Parent	C25H25NO
197.1	159.10	356.20089	10.63	JWH-180	Synthetic Cannabinoid	Other	Parent	C25H25NO
356.2	0.00	356.20089	10.63	JWH-180	Synthetic Cannabinoid	Other	Parent	C25H25NO
141.07	243.16	384.2322	11.18	JWH-182	Synthetic Cannabinoid	Other	Parent	C27H29NO
169.1	215.13	384.2322	11.18	JWH-182	Synthetic Cannabinoid	Other	Parent	C27H29NO
197.07	187.16	384.2322	11.18	JWH-182	Synthetic Cannabinoid	Other	Parent	C27H29NO
214.12	170.11	384.2322	11.18	JWH-182	Synthetic Cannabinoid	Other	Parent	C27H29NO
384.23	0.00	384.2322	11.18	JWH-182	Synthetic Cannabinoid	Other	Parent	C27H29NO
114.09	285.12	399.2067	7.95	JWH-193	Synthetic Cannabinoid	Other	Parent	C26H26N2O2
141.07	258.14	399.2067	7.95	JWH-193	Synthetic Cannabinoid	Other	Parent	C26H26N2O2
169.07	230.14	399.2067	7.95	JWH-193	Synthetic Cannabinoid	Other	Parent	C26H26N2O2
312.14	87.07	399.2067	7.95	JWH-193	Synthetic Cannabinoid	Other	Parent	C26H26N2O2
399.21	0.00	399.2067	7.95	JWH-193	Synthetic Cannabinoid	Other	Parent	C26H26N2O2
114.09	301.11	415.20162	7.81	JWH-198	Synthetic Cannabinoid	Other	Parent	C26H26N2O3
142.04	273.16	415.20162	7.81	JWH-198	Synthetic Cannabinoid	Other	Parent	C26H26N2O3
157.06	258.14	415.20162	7.81	JWH-198	Synthetic Cannabinoid	Other	Parent	C26H26N2O3
185.06	230.14	415.20162	7.81	JWH-198	Synthetic Cannabinoid	Other	Parent	C26H26N2O3
415.2	0.00	415.20162	7.81	JWH-198	Synthetic Cannabinoid	Other	Parent	C26H26N2O3
70.07	315.12	385.1910548	7.42	JWH-200	Synthetic Cannabinoid	Other	Parent	C25H24N2O2
114.09	271.10	385.1910548	7.42	JWH-200	Synthetic Cannabinoid	Other	Parent	C25H24N2O2
127.05	258.14	385.1910548	7.42	JWH-200	Synthetic Cannabinoid	Other	Parent	C25H24N2O2
155.05	230.14	385.1910548	7.42	JWH-200	Synthetic Cannabinoid	Other	Parent	C25H24N2O2
385.19	0.00	385.1910548	7.42	JWH-200	Synthetic Cannabinoid	Other	Parent	C25H24N2O2
97.1	258.14	355.238	7.82	JWH-200 Analogue	Synthetic Cannabinoid	Other	Parent	C22H30N2O2
114.09	241.15	355.238	7.82	JWH-200 Analogue	Synthetic Cannabinoid	Other	Parent	C22H30N2O2
125.1	230.14	355.238	7.82	JWH-200 Analogue	Synthetic Cannabinoid	Other	Parent	C22H30N2O2
231.15	124.09	355.238	7.82	JWH-200 Analogue	Synthetic Cannabinoid	Other	Parent	C22H30N2O2
355.24	0.00	355.238	7.82	JWH-200 Analogue	Synthetic Cannabinoid	Other	Parent	C22H30N2O2
121.06	215.14	336.1958	9.89	JWH-201	Synthetic Cannabinoid	Other	Parent	C22H25NO2
135.04	201.16	336.1958	9.89	JWH-201	Synthetic Cannabinoid	Other	Parent	C22H25NO2
149.06	187.14	336.1958	9.89	JWH-201	Synthetic Cannabinoid	Other	Parent	C22H25NO2
214.12	122.08	336.1958	9.89	JWH-201	Synthetic Cannabinoid	Other	Parent	C22H25NO2
336.2	0.00	336.1958	9.89	JWH-201	Synthetic Cannabinoid	Other	Parent	C22H25NO2
125.01	215.14	340.1462688	10.27	JWH-203	Synthetic Cannabinoid	Other	Parent	C21H22CINO
144.04	196.11	340.1462688	10.27	JWH-203	Synthetic Cannabinoid	Other	Parent	C21H22CINO
188.14	152.01	340.1462688	10.27	JWH-203	Synthetic Cannabinoid	Other	Parent	C21H22CINO
214.12	126.03	340.1462688	10.27	JWH-203	Synthetic Cannabinoid	Other	Parent	C21H22CINO
340.15	0.00	340.1462688	10.27	JWH-203	Synthetic Cannabinoid	Other	Parent	C21H22CINO
144.04	226.18	370.2165412	10.85	JWH-210	Synthetic Cannabinoid	Other	Parent	C26H27NO
155.09	215.13	370.2165412	10.85	JWH-210	Synthetic Cannabinoid	Other	Parent	C26H27NO
183.08	187.14	370.2165412	10.85	JWH-210	Synthetic Cannabinoid	Other	Parent	C26H27NO
214.12	156.10	370.2165412	10.85	JWH-210	Synthetic Cannabinoid	Other	Parent	C26H27NO
370.22	0.00	370.2165412	10.85	JWH-210	Synthetic Cannabinoid	Other	Parent	C26H27NO
115.05	269.18	384.2322	11.05	JWH-213	Synthetic Cannabinoid	Other	Parent	C27H29NO

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
155.09	229.14	384.2322	11.05	JWH-213	Synthetic Cannabinoid	Other	Parent	C27H29NO
183.08	201.15	384.2322	11.05	JWH-213	Synthetic Cannabinoid	Other	Parent	C27H29NO
228.14	156.09	384.2322	11.05	JWH-213	Synthetic Cannabinoid	Other	Parent	C27H29NO
384.23	0.00	384.2322	11.05	JWH-213	Synthetic Cannabinoid	Other	Parent	C27H29NO
144.04	240.06	384.0958	10.35	JWH-249	Synthetic Cannabinoid	Other	Parent	C21H22BrNO
168.96	215.14	384.0958	10.35	JWH-249	Synthetic Cannabinoid	Other	Parent	C21H22BrNO
188.14	195.96	384.0958	10.35	JWH-249	Synthetic Cannabinoid	Other	Parent	C21H22BrNO
214.12	169.98	384.0958	10.35	JWH-249	Synthetic Cannabinoid	Other	Parent	C21H22BrNO
384.1	0.00	384.0958	10.35	JWH-249	Synthetic Cannabinoid	Other	Parent	C21H22BrNO
121.06	215.14	336.1958058	9.93	JWH-250	Synthetic Cannabinoid	Other	Parent	C22H25NO2
200.14	136.06	336.1958058	9.93	JWH-250	Synthetic Cannabinoid	Other	Parent	C22H25NO2
214.12	122.08	336.1958058	9.93	JWH-250	Synthetic Cannabinoid	Other	Parent	C22H25NO2
303.16	33.04	336.1958058	9.93	JWH-250	Synthetic Cannabinoid	Other	Parent	C22H25NO2
336.2	0.00	336.1958058	9.93	JWH-250	Synthetic Cannabinoid	Other	Parent	C22H25NO2
105.07	215.13	320.2008911	10.14	JWH-251	Synthetic Cannabinoid	Other	Parent	C22H25NO
119.05	201.15	320.2008911	10.14	JWH-251	Synthetic Cannabinoid	Other	Parent	C22H25NO
144.04	176.16	320.2008911	10.14	JWH-251	Synthetic Cannabinoid	Other	Parent	C22H25NO
214.12	106.08	320.2008911	10.14	JWH-251	Synthetic Cannabinoid	Other	Parent	C22H25NO
320.2	0.00	320.2008911	10.14	JWH-251	Synthetic Cannabinoid	Other	Parent	C22H25NO
121.06	215.14	336.1958	9.92	JWH-302	Synthetic Cannabinoid	Other	Parent	C22H25NO2
144.04	192.16	336.1958	9.92	JWH-302	Synthetic Cannabinoid	Other	Parent	C22H25NO2
188.14	148.06	336.1958	9.92	JWH-302	Synthetic Cannabinoid	Other	Parent	C22H25NO2
214.12	122.08	336.1958	9.92	JWH-302	Synthetic Cannabinoid	Other	Parent	C22H25NO2
336.2	0.00	336.1958	9.92	JWH-302	Synthetic Cannabinoid	Other	Parent	C22H25NO2
127.05	259.14	386.1914694	10.61	JWH-307	Synthetic Cannabinoid	Other	Parent	C26H24FNO
155.05	231.14	386.1914694	10.61	JWH-307	Synthetic Cannabinoid	Other	Parent	C26H24FNO
258.13	128.06	386.1914694	10.61	JWH-307	Synthetic Cannabinoid	Other	Parent	C26H24FNO
369.12	17.07	386.1914694	10.61	JWH-307	Synthetic Cannabinoid	Other	Parent	C26H24FNO
386.19	0.00	386.1914694	10.61	JWH-307	Synthetic Cannabinoid	Other	Parent	C26H24FNO
127.05	291.17	418.2165	11.24	JWH-309	Synthetic Cannabinoid	Other	Parent	C30H27NO
155.05	263.17	418.2165	11.24	JWH-309	Synthetic Cannabinoid	Other	Parent	C30H27NO
220.08	198.14	418.2165	11.24	JWH-309	Synthetic Cannabinoid	Other	Parent	C30H27NO
290.15	128.07	418.2165	11.24	JWH-309	Synthetic Cannabinoid	Other	Parent	C30H27NO
418.22	0.00	418.2165	11.24	JWH-309	Synthetic Cannabinoid	Other	Parent	C30H27NO
127.05	259.14	386.1915	10.8	JWH-368	Synthetic Cannabinoid	Other	Parent	C26H24FNO
155.05	231.14	386.1915	10.8	JWH-368	Synthetic Cannabinoid	Other	Parent	C26H24FNO
188.05	198.14	386.1915	10.8	JWH-368	Synthetic Cannabinoid	Other	Parent	C26H24FNO
258.13	128.06	386.1915	10.8	JWH-368	Synthetic Cannabinoid	Other	Parent	C26H24FNO
386.19	0.00	386.1915	10.8	JWH-368	Synthetic Cannabinoid	Other	Parent	C26H24FNO
127.05	275.11	402.1619	10.92	JWH-369	Synthetic Cannabinoid	Other	Parent	C26H24ClNO
155.05	247.11	402.1619	10.92	JWH-369	Synthetic Cannabinoid	Other	Parent	C26H24ClNO
204.02	198.14	402.1619	10.92	JWH-369	Synthetic Cannabinoid	Other	Parent	C26H24ClNO
274.1	128.06	402.1619	10.92	JWH-369	Synthetic Cannabinoid	Other	Parent	C26H24ClNO
402.16	0.00	402.1619	10.92	JWH-369	Synthetic Cannabinoid	Other	Parent	C26H24ClNO
127.05	255.17	382.2165	9.92	JWH-370	Synthetic Cannabinoid	Other	Parent	C27H27NO
155.05	227.17	382.2165	9.92	JWH-370	Synthetic Cannabinoid	Other	Parent	C27H27NO

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
184.08	198.14	382.2165	9.92	JWH-370	Synthetic Cannabinoid	Other	Parent	C27H27NO
254.15	128.07	382.2165	9.92	JWH-370	Synthetic Cannabinoid	Other	Parent	C27H27NO
382.22	0.00	382.2165	9.92	JWH-370	Synthetic Cannabinoid	Other	Parent	C27H27NO
144.04	276.06	420.09575	11.02	JWH-387	Synthetic Cannabinoid	Other	Parent	C24H22BrNO
204.96	215.14	420.09575	11.02	JWH-387	Synthetic Cannabinoid	Other	Parent	C24H22BrNO
214.12	205.98	420.09575	11.02	JWH-387	Synthetic Cannabinoid	Other	Parent	C24H22BrNO
232.96	187.14	420.09575	11.02	JWH-387	Synthetic Cannabinoid	Other	Parent	C24H22BrNO
420.1	0.00	420.09575	11.02	JWH-387	Synthetic Cannabinoid	Other	Parent	C24H22BrNO
126.05	250.10	376.14627	10.94	JWH-398	Synthetic Cannabinoid	Other	Parent	C24H22ClNO
161.01	215.14	376.14627	10.94	JWH-398	Synthetic Cannabinoid	Other	Parent	C24H22ClNO
189.01	187.14	376.14627	10.94	JWH-398	Synthetic Cannabinoid	Other	Parent	C24H22ClNO
214.12	162.03	376.14627	10.94	JWH-398	Synthetic Cannabinoid	Other	Parent	C24H22ClNO
376.15	0.00	376.14627	10.94	JWH-398	Synthetic Cannabinoid	Other	Parent	C24H22ClNO
125.04	235.14	360.17582	10.64	JWH-412	Synthetic Cannabinoid	Other	Parent	C24H22FNO
145.05	215.13	360.17582	10.64	JWH-412	Synthetic Cannabinoid	Other	Parent	C24H22FNO
173.04	187.14	360.17582	10.64	JWH-412	Synthetic Cannabinoid	Other	Parent	C24H22FNO
214.12	146.06	360.17582	10.64	JWH-412	Synthetic Cannabinoid	Other	Parent	C24H22FNO
360.18	0.00	360.17582	10.64	JWH-412	Synthetic Cannabinoid	Other	Parent	C24H22FNO
204.97	215.13	420.09575	10.33	JWH-424	Synthetic Cannabinoid	Other	Parent	C24H22BrNO
232.96	187.14	420.09575	10.33	JWH-424	Synthetic Cannabinoid	Other	Parent	C24H22BrNO
284.11	135.99	420.09575	10.33	JWH-424	Synthetic Cannabinoid	Other	Parent	C24H22BrNO
324.17	95.93	420.09575	10.33	JWH-424	Synthetic Cannabinoid	Other	Parent	C24H22BrNO
420.09	0.01	420.09575	10.33	JWH-424	Synthetic Cannabinoid	Other	Parent	C24H22BrNO
420.1	0.00	420.09575	10.33	JWH-424	Synthetic Cannabinoid	Other	Parent	C24H22BrNO
115.05	116.05	231.10157	7.56	Kavain	Other Pharma	Anticonvulsant		C14H14O3
128.06	103.04	231.10157	7.56	Kavain	Other Pharma	Anticonvulsant		C14H14O3
129.07	102.03	231.10157	7.56	Kavain	Other Pharma	Anticonvulsant		C14H14O3
152.06	79.04	231.10157	7.56	Kavain	Other Pharma	Anticonvulsant		C14H14O3
153.07	78.03	231.10157	7.56	Kavain	Other Pharma	Anticonvulsant		C14H14O3
231.1	0.00	231.10157	7.56	Kavain	Other Pharma	Anticonvulsant		C14H14O3
125.02	113.08	238.0993185	4.54	Ketamine	Stimulant	Arylcyclohexylamine		C13H16ClNO
179.06	59.04	238.0993185	4.54	Ketamine	Stimulant	Arylcyclohexylamine		C13H16ClNO
207.06	31.04	238.0993185	4.54	Ketamine	Stimulant	Arylcyclohexylamine		C13H16ClNO
220.09	18.01	238.0993185	4.54	Ketamine	Stimulant	Arylcyclohexylamine		C13H16ClNO
238.1	0.00	238.0993185	4.54	Ketamine	Stimulant	Arylcyclohexylamine		C13H16ClNO
125.02	113.08	238.09932	5.06	Ketamine Hydroxylimine Precursor	Stimulant	Arylcyclohexylamine	Precursor	C13H16ClNO
149.02	89.08	238.09932	5.06	Ketamine Hydroxylimine Precursor	Stimulant	Arylcyclohexylamine	Precursor	C13H16ClNO
152.03	86.07	238.09932	5.06	Ketamine Hydroxylimine Precursor	Stimulant	Arylcyclohexylamine	Precursor	C13H16ClNO
163.03	75.07	238.09932	5.06	Ketamine Hydroxylimine Precursor	Stimulant	Arylcyclohexylamine	Precursor	C13H16ClNO
220.09	18.01	238.09932	5.06	Ketamine Hydroxylimine Precursor	Stimulant	Arylcyclohexylamine	Precursor	C13H16ClNO
238.1	0.00	238.09932	5.06	Ketamine Hydroxylimine Precursor	Stimulant	Arylcyclohexylamine	Precursor	C13H16ClNO
105.03	150.07	255.101571	7.71	Ketoprofen	Other Pharma	Non-narcotic analgesic		C16H14O3
177.05	78.05	255.101571	7.71	Ketoprofen	Other Pharma	Non-narcotic analgesic		C16H14O3
194.07	61.03	255.101571	7.71	Ketoprofen	Other Pharma	Non-narcotic analgesic		C16H14O3
209.1	46.00	255.101571	7.71	Ketoprofen	Other Pharma	Non-narcotic analgesic		C16H14O3
255.1	0.00	255.101571	7.71	Ketoprofen	Other Pharma	Non-narcotic analgesic		C16H14O3



Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
91.05	272.18	363.2319	10.92	KM 233	Synthetic Cannabinoid	Other	Parent	C25H30O2
119.09	244.14	363.2319	10.92	KM 233	Synthetic Cannabinoid	Other	Parent	C25H30O2
245.15	118.08	363.2319	10.92	KM 233	Synthetic Cannabinoid	Other	Parent	C25H30O2
285.19	78.04	363.2319	10.92	KM 233	Synthetic Cannabinoid	Other	Parent	C25H30O2
363.23	0.00	363.2319	10.92	KM 233	Synthetic Cannabinoid	Other	Parent	C25H30O2
74.06	177.08	251.1390192	4.84	Lacosamide	Other Pharma	Anticonvulsant		C13H18N2O3
91.06	160.08	251.1390192	4.84	Lacosamide	Other Pharma	Anticonvulsant		C13H18N2O3
108.08	143.06	251.1390192	4.84	Lacosamide	Other Pharma	Anticonvulsant		C13H18N2O3
116.07	135.07	251.1390192	4.84	Lacosamide	Other Pharma	Anticonvulsant		C13H18N2O3
149.02	102.12	251.1390192	4.84	Lacosamide	Other Pharma	Anticonvulsant		C13H18N2O3
251.14	0.00	251.1390192	4.84	Lacosamide	Other Pharma	Anticonvulsant		C13H18N2O3
158.98	97.04	256.0151273	4.92	Lamotrigine	Other Pharma	Anticonvulsant		C9H7Cl2N5
166.03	89.99	256.0151273	4.92	Lamotrigine	Other Pharma	Anticonvulsant		C9H7Cl2N5
186.98	69.04	256.0151273	4.92	Lamotrigine	Other Pharma	Anticonvulsant		C9H7Cl2N5
210.98	45.04	256.0151273	4.92	Lamotrigine	Other Pharma	Anticonvulsant		C9H7Cl2N5
256.02	0.00	256.0151273	4.92	Lamotrigine	Other Pharma	Anticonvulsant		C9H7Cl2N5
151.07	207.13	358.20129	5.15	Laudanosine	Stimulant		Metabolite	C21H27NO4
189.09	169.11	358.20129	5.15	Laudanosine	Stimulant		Metabolite	C21H27NO4
206.12	152.08	358.20129	5.15	Laudanosine	Stimulant		Metabolite	C21H27NO4
327.16	31.04	358.20129	5.15	Laudanosine	Stimulant		Metabolite	C21H27NO4
358.2	0.00	358.20129	5.15	Laudanosine	Stimulant		Metabolite	C21H27NO4
118.07	87.01	205.0793968	3.53	Levamisole	Other Pharma	Adulterant		C11H12N2S
123.03	82.05	205.0793968	3.53	Levamisole	Other Pharma	Adulterant		C11H12N2S
129.07	76.01	205.0793968	3.53	Levamisole	Other Pharma	Adulterant		C11H12N2S
178.07	27.01	205.0793968	3.53	Levamisole	Other Pharma	Adulterant		C11H12N2S
205.08	0.00	205.0793968	3.53	Levamisole	Other Pharma	Adulterant		C11H12N2S
41.04	130.07	171.1128044	3.11	Levetiracetam	Other Pharma	Antiepileptic		C8H14N2O2
69.04	102.07	171.1128044	3.11	Levetiracetam	Other Pharma	Antiepileptic		C8H14N2O2
98.1	73.01	171.1128044	3.11	Levetiracetam	Other Pharma	Antiepileptic		C8H14N2O2
126.09	45.02	171.1128044	3.11	Levetiracetam	Other Pharma	Antiepileptic		C8H14N2O2
154.09	17.02	171.1128044	3.11	Levetiracetam	Other Pharma	Antiepileptic		C8H14N2O2
171.11	0.00	171.1128044	3.11	Levetiracetam	Other Pharma	Antiepileptic		C8H14N2O2
58.07	177.11	235.18049	4.28	Lidocaine	Other Pharma	Anesthetic	Amino amide	C14H22N2O
86.1	149.08	235.18049	4.28	Lidocaine	Other Pharma	Anesthetic	Amino amide	C14H22N2O
134.1	101.08	235.18049	4.28	Lidocaine	Other Pharma	Anesthetic	Amino amide	C14H22N2O
235.18	0.00	235.18049	4.28	Lidocaine	Other Pharma	Anesthetic	Amino amide	C14H22N2O
84.08	180.13	264.2070392	3.22	Lisdexamphetamine	Stimulant	Amphetamine		C15H25N3O
129.1	135.11	264.2070392	3.22	Lisdexamphetamine	Stimulant	Amphetamine		C15H25N3O
136.11	128.10	264.2070392	3.22	Lisdexamphetamine	Stimulant	Amphetamine		C15H25N3O
247.18	17.03	264.2070392	3.22	Lisdexamphetamine	Stimulant	Amphetamine		C15H25N3O
264.21	0.00	264.2070392	3.22	Lisdexamphetamine	Stimulant	Amphetamine		C15H25N3O
210.13	267.10	477.23033	7.91	Loperamide	Opioid			C29H33ClN2O2
238.12	239.11	477.23033	7.91	Loperamide	Opioid			C29H33ClN2O2
266.16	211.07	477.23033	7.91	Loperamide	Opioid			C29H33ClN2O2
432.17	45.06	477.23033	7.91	Loperamide	Opioid			C29H33ClN2O2
477.23	0.00	477.23033	7.91	Loperamide	Opioid			C29H33ClN2O2

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
163.01	158.01	321.0192097	7.28	Lorazepam	Benzodiazepine			C15H10Cl2N2O2
229.05	91.97	321.0192097	7.28	Lorazepam	Benzodiazepine			C15H10Cl2N2O2
275.01	46.01	321.0192097	7.28	Lorazepam	Benzodiazepine			C15H10Cl2N2O2
303.01	18.01	321.0192097	7.28	Lorazepam	Benzodiazepine			C15H10Cl2N2O2
312.02	9.00	321.0192097	7.28	Lorazepam	Benzodiazepine			C15H10Cl2N2O2
321.02	0.00	321.0192097	7.28	Lorazepam	Benzodiazepine			C15H10Cl2N2O2
177.02	158.01	335.03486	7.72	Lormetazepam	Benzodiazepine			C16H12Cl2N2O2
227.05	107.98	335.03486	7.72	Lormetazepam	Benzodiazepine			C16H12Cl2N2O2
289.03	46.00	335.03486	7.72	Lormetazepam	Benzodiazepine			C16H12Cl2N2O2
317.02	18.01	335.03486	7.72	Lormetazepam	Benzodiazepine			C16H12Cl2N2O2
335.03	0.00	335.03486	7.72	Lormetazepam	Benzodiazepine			C16H12Cl2N2O2
193.05	135.07	328.1211166	6.82	Loxapine	Other Pharma	Antipsychotic	Atypical antipsychotic	C18H18ClN3O
228.02	100.10	328.1211166	6.82	Loxapine	Other Pharma	Antipsychotic	Atypical antipsychotic	C18H18ClN3O
271.06	57.06	328.1211166	6.82	Loxapine	Other Pharma	Antipsychotic	Atypical antipsychotic	C18H18ClN3O
297.08	31.04	328.1211166	6.82	Loxapine	Other Pharma	Antipsychotic	Atypical antipsychotic	C18H18ClN3O
328.12	0.00	328.1211166	6.82	Loxapine	Other Pharma	Antipsychotic	Atypical antipsychotic	C18H18ClN3O
197.11	127.10	324.2070392	5.62	LSD	Hallucinogen	Lysergamide		C20H25N3O
208.09	116.12	324.2070392	5.62	LSD	Hallucinogen	Lysergamide		C20H25N3O
223.12	101.09	324.2070392	5.62	LSD	Hallucinogen	Lysergamide		C20H25N3O
281.16	43.05	324.2070392	5.62	LSD	Hallucinogen	Lysergamide		C20H25N3O
324.21	0.00	324.2070392	5.62	LSD	Hallucinogen	Lysergamide		C20H25N3O
125.1	219.14	344.23842	10.61	M-144	Synthetic Cannabinoid	Other	Parent	C22H30FNO
158.06	186.18	344.23842	10.61	M-144	Synthetic Cannabinoid	Other	Parent	C22H30FNO
246.13	98.11	344.23842	10.61	M-144	Synthetic Cannabinoid	Other	Parent	C22H30FNO
326.23	18.01	344.23842	10.61	M-144	Synthetic Cannabinoid	Other	Parent	C22H30FNO
344.24	0.00	344.23842	10.61	M-144	Synthetic Cannabinoid	Other	Parent	C22H30FNO
145.04	226.20	371.24415	9.79	MAB-CHMINACA	Synthetic Cannabinoid	Other	Parent	C21H30N4O2
241.13	130.11	371.24415	9.79	MAB-CHMINACA	Synthetic Cannabinoid	Other	Parent	C21H30N4O2
326.22	45.02	371.24415	9.79	MAB-CHMINACA	Synthetic Cannabinoid	Other	Parent	C21H30N4O2
354.22	17.02	371.24415	9.79	MAB-CHMINACA	Synthetic Cannabinoid	Other	Parent	C21H30N4O2
371.24	0.00	371.24415	9.79	MAB-CHMINACA	Synthetic Cannabinoid	Other	Parent	C21H30N4O2
371.25	-0.01	371.24415	9.79	MAB-CHMINACA	Synthetic Cannabinoid	Other	Parent	C21H30N4O2
145.04	227.19	372.22817	10.19	MAB-CHMINACA 3,3-Dimethylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C21H29N3O3
241.13	131.10	372.22817	10.19	MAB-CHMINACA 3,3-Dimethylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C21H29N3O3
326.22	46.01	372.22817	10.19	MAB-CHMINACA 3,3-Dimethylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C21H29N3O3
354.21	18.02	372.22817	10.19	MAB-CHMINACA 3,3-Dimethylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C21H29N3O3
372.23	0.00	372.22817	10.19	MAB-CHMINACA 3,3-Dimethylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C21H29N3O3
145.04	227.19	372.22817	10.41	MA-CHMINACA	Synthetic Cannabinoid	Other	Parent	C21H29N3O3
241.13	131.10	372.22817	10.41	MA-CHMINACA	Synthetic Cannabinoid	Other	Parent	C21H29N3O3
312.21	60.02	372.22817	10.41	MA-CHMINACA	Synthetic Cannabinoid	Other	Parent	C21H29N3O3
340.2	32.03	372.22817	10.41	MA-CHMINACA	Synthetic Cannabinoid	Other	Parent	C21H29N3O3
372.23	0.00	372.22817	10.41	MA-CHMINACA	Synthetic Cannabinoid	Other	Parent	C21H29N3O3
141.07	233.12	374.1914694	9.91	MAM-2201	Synthetic Cannabinoid	Other	Parent	C25H24FNO
144.04	230.15	374.1914694	9.91	MAM-2201	Synthetic Cannabinoid	Other	Parent	C25H24FNO
169.06	205.13	374.1914694	9.91	MAM-2201	Synthetic Cannabinoid	Other	Parent	C25H24FNO
232.11	142.08	374.1914694	9.91	MAM-2201	Synthetic Cannabinoid	Other	Parent	C25H24FNO

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
374.19	0.00	374.1914694	9.91	MAM-2201	Synthetic Cannabinoid	Other	Parent	C25H24FNO
115.05	275.11	390.16192	10.35	MAM-2201 N-(5-Chloropentyl) Analogue	Synthetic Cannabinoid	Other	Parent	C25H24ClNO
141.07	249.09	390.16192	10.35	MAM-2201 N-(5-Chloropentyl) Analogue	Synthetic Cannabinoid	Other	Parent	C25H24ClNO
169.06	221.10	390.16192	10.35	MAM-2201 N-(5-Chloropentyl) Analogue	Synthetic Cannabinoid	Other	Parent	C25H24ClNO
248.08	142.08	390.16192	10.35	MAM-2201 N-(5-Chloropentyl) Analogue	Synthetic Cannabinoid	Other	Parent	C25H24ClNO
390.16	0.00	390.16192	10.35	MAM-2201 N-(5-Chloropentyl) Analogue	Synthetic Cannabinoid	Other	Parent	C25H24ClNO
117.07	161.12	278.1903264	7.16	Maprotiline	Other Pharma	Antidepressant	Tetracyclic antidepressant	C20H23N
191.09	87.10	278.1903264	7.16	Maprotiline	Other Pharma	Antidepressant	Tetracyclic antidepressant	C20H23N
219.12	59.07	278.1903264	7.16	Maprotiline	Other Pharma	Antidepressant	Tetracyclic antidepressant	C20H23N
250.16	28.03	278.1903264	7.16	Maprotiline	Other Pharma	Antidepressant	Tetracyclic antidepressant	C20H23N
278.19	0.00	278.1903264	7.16	Maprotiline	Other Pharma	Antidepressant	Tetracyclic antidepressant	C20H23N
119.09	89.04	208.1332055	4.65	MBDB	Stimulant	Amphetamine		C12H17NO2
135.04	73.09	208.1332055	4.65	MBDB	Stimulant	Amphetamine		C12H17NO2
147.08	61.05	208.1332055	4.65	MBDB	Stimulant	Amphetamine		C12H17NO2
177.09	31.04	208.1332055	4.65	MBDB	Stimulant	Amphetamine		C12H17NO2
208.13	0.00	208.1332055	4.65	MBDB	Stimulant	Amphetamine		C12H17NO2
77.04	114.11	191.1542752	3.04	MBZP	Stimulant	Piperazine		C12H18N2
79.06	112.09	191.1542752	3.04	MBZP	Stimulant	Piperazine		C12H18N2
103.05	88.10	191.1542752	3.04	MBZP	Stimulant	Piperazine		C12H18N2
105.07	86.08	191.1542752	3.04	MBZP	Stimulant	Piperazine		C12H18N2
191.15	0.00	191.1542752	3.04	MBZP	Stimulant	Piperazine		C12H18N2
159.06	289.24	448.29585	9.8	MCHB-1	Synthetic Cannabinoid	Other	Parent	C28H37N3O2
230.13	218.17	448.29585	9.8	MCHB-1	Synthetic Cannabinoid	Other	Parent	C28H37N3O2
279.11	169.19	448.29585	9.8	MCHB-1	Synthetic Cannabinoid	Other	Parent	C28H37N3O2
352.2	96.10	448.29585	9.8	MCHB-1	Synthetic Cannabinoid	Other	Parent	C28H37N3O2
448.3	0.00	448.29585	9.8	MCHB-1	Synthetic Cannabinoid	Other	Parent	C28H37N3O2
118.07	79.01	197.0840028	5	mCPP	Stimulant	Piperazine		C10H13ClN2
119.07	78.01	197.0840028	5	mCPP	Stimulant	Piperazine		C10H13ClN2
154.04	43.04	197.0840028	5	mCPP	Stimulant	Piperazine		C10H13ClN2
195.07	2.01	197.0840028	5	mCPP	Stimulant	Piperazine		C10H13ClN2
197.08	0.00	197.0840028	5	mCPP	Stimulant	Piperazine		C10H13ClN2
103.05	77.05	180.1019053	3.83	MDA	Stimulant	Amphetamine		C10H13NO2
105.07	75.03	180.1019053	3.83	MDA	Stimulant	Amphetamine		C10H13NO2
133.06	47.04	180.1019053	3.83	MDA	Stimulant	Amphetamine		C10H13NO2
135.04	45.06	180.1019053	3.83	MDA	Stimulant	Amphetamine		C10H13NO2
163.08	17.02	180.1019053	3.83	MDA	Stimulant	Amphetamine		C10H13NO2
180.1	0.00	180.1019053	3.83	MDA	Stimulant	Amphetamine		C10H13NO2
51.02	299.17	350.1863	10.56	MDA 19	Synthetic Cannabinoid	Other	Parent	C21H23N3O2
77.04	273.15	350.1863	10.56	MDA 19	Synthetic Cannabinoid	Other	Parent	C21H23N3O2
105.03	245.16	350.1863	10.56	MDA 19	Synthetic Cannabinoid	Other	Parent	C21H23N3O2
145.04	205.15	350.1863	10.56	MDA 19	Synthetic Cannabinoid	Other	Parent	C21H23N3O2
321.17	29.02	350.1863	10.56	MDA 19	Synthetic Cannabinoid	Other	Parent	C21H23N3O2
350.19	0.00	350.1863	10.56	MDA 19	Synthetic Cannabinoid	Other	Parent	C21H23N3O2
77.04	289.14	366.1812	10.3	MDA 77	Synthetic Cannabinoid	Other	Parent	C21H23N3O3
105.03	261.15	366.1812	10.3	MDA 77	Synthetic Cannabinoid	Other	Parent	C21H23N3O3
175.05	191.13	366.1812	10.3	MDA 77	Synthetic Cannabinoid	Other	Parent	C21H23N3O3

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
337.17	29.01	366.1812	10.3	MDA 77	Synthetic Cannabinoid	Other	Parent	C21H23N3O3
366.18	0.00	366.1812	10.3	MDA 77	Synthetic Cannabinoid	Other	Parent	C21H23N3O3
102.05	76.04	178.0862552	3.34	MDAI	Stimulant	Indane		C10H11NO2
103.05	75.04	178.0862552	3.34	MDAI	Stimulant	Indane		C10H11NO2
131.05	47.04	178.0862552	3.34	MDAI	Stimulant	Indane		C10H11NO2
161.06	17.03	178.0862552	3.34	MDAI	Stimulant	Indane		C10H11NO2
178.09	0.00	178.0862552	3.34	MDAI	Stimulant	Indane		C10H11NO2
103.05	105.08	208.13321	4.13	MDDMA	Stimulant	Amphetamine		C12H17NO2
105.07	103.06	208.13321	4.13	MDDMA	Stimulant	Amphetamine		C12H17NO2
133.06	75.07	208.13321	4.13	MDDMA	Stimulant	Amphetamine		C12H17NO2
135.04	73.09	208.13321	4.13	MDDMA	Stimulant	Amphetamine		C12H17NO2
163.07	45.06	208.13321	4.13	MDDMA	Stimulant	Amphetamine		C12H17NO2
208.13	0.00	208.13321	4.13	MDDMA	Stimulant	Amphetamine		C12H17NO2
103.05	105.08	208.1332055	4.34	MDEA	Stimulant	Amphetamine		C12H17NO2
105.07	103.06	208.1332055	4.34	MDEA	Stimulant	Amphetamine		C12H17NO2
133.07	75.06	208.1332055	4.34	MDEA	Stimulant	Amphetamine		C12H17NO2
135.04	73.09	208.1332055	4.34	MDEA	Stimulant	Amphetamine		C12H17NO2
163.08	45.05	208.1332055	4.34	MDEA	Stimulant	Amphetamine		C12H17NO2
208.13	0.00	208.1332055	4.34	MDEA	Stimulant	Amphetamine		C12H17NO2
103.05	91.07	194.1175554	4.01	MDMA	Stimulant	Amphetamine		C11H15NO2
105.07	89.05	194.1175554	4.01	MDMA	Stimulant	Amphetamine		C11H15NO2
133.06	61.06	194.1175554	4.01	MDMA	Stimulant	Amphetamine		C11H15NO2
135.04	59.08	194.1175554	4.01	MDMA	Stimulant	Amphetamine		C11H15NO2
163.07	31.05	194.1175554	4.01	MDMA	Stimulant	Amphetamine		C11H15NO2
194.12	0.00	194.1175554	4.01	MDMA	Stimulant	Amphetamine		C11H15NO2
107.08	92.07	199.1489391	3.98	MDMA-D5	Stimulant	Amphetamine		C11H10[2H]5NO2
135.08	64.07	199.1489391	3.98	MDMA-D5	Stimulant	Amphetamine		C11H10[2H]5NO2
136.05	63.10	199.1489391	3.98	MDMA-D5	Stimulant	Amphetamine		C11H10[2H]5NO2
165.09	34.06	199.1489391	3.98	MDMA-D5	Stimulant	Amphetamine		C11H10[2H]5NO2
199.15	0.00	199.1489391	3.98	MDMA-D5	Stimulant	Amphetamine		C11H10[2H]5NO2
145.04	199.16	344.19687	9.6	MDMB-3en-BINACA	Synthetic Cannabinoid	Other	Parent	C19H25N3O3
157.08	187.12	344.19687	9.6	MDMB-3en-BINACA	Synthetic Cannabinoid	Other	Parent	C19H25N3O3
199.09	145.11	344.19687	9.6	MDMB-3en-BINACA	Synthetic Cannabinoid	Other	Parent	C19H25N3O3
284.18	60.02	344.19687	9.6	MDMB-3en-BINACA	Synthetic Cannabinoid	Other	Parent	C19H25N3O3
344.2	0.00	344.19687	9.6	MDMB-3en-BINACA	Synthetic Cannabinoid	Other	Parent	C19H25N3O3
130.06	227.16	357.21727	9.45	MDMB-4en-PICA	Synthetic Cannabinoid	Other	Parent	C21H28N2O3
144.04	213.18	357.21727	9.45	MDMB-4en-PICA	Synthetic Cannabinoid	Other	Parent	C21H28N2O3
158.06	199.16	357.21727	9.45	MDMB-4en-PICA	Synthetic Cannabinoid	Other	Parent	C21H28N2O3
212.11	145.11	357.21727	9.45	MDMB-4en-PICA	Synthetic Cannabinoid	Other	Parent	C21H28N2O3
357.22	0.00	357.21727	9.45	MDMB-4en-PICA	Synthetic Cannabinoid	Other	Parent	C21H28N2O3
145.04	213.17	358.21252	10.04	MDMB-4en-PINACA	Synthetic Cannabinoid	Other	Parent	C20H27N3O3
213.1	145.11	358.21252	10.04	MDMB-4en-PINACA	Synthetic Cannabinoid	Other	Parent	C20H27N3O3
230.13	128.08	358.21252	10.04	MDMB-4en-PINACA	Synthetic Cannabinoid	Other	Parent	C20H27N3O3
298.19	60.02	358.21252	10.04	MDMB-4en-PINACA	Synthetic Cannabinoid	Other	Parent	C20H27N3O3
358.21	0.00	358.21252	10.04	MDMB-4en-PINACA	Synthetic Cannabinoid	Other	Parent	C20H27N3O3
145.04	199.16	344.19687	9.16	MDMB-4en-PINACA 3,3-Dimethylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C19H25N3O3

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
177.06	167.14	344.19687	9.16	MDMB-4en-PINACA 3,3-Dimethylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C19H25N3O3
213.1	131.10	344.19687	9.16	MDMB-4en-PINACA 3,3-Dimethylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C19H25N3O3
298.19	46.01	344.19687	9.16	MDMB-4en-PINACA 3,3-Dimethylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C19H25N3O3
344.2	0.00	344.19687	9.16	MDMB-4en-PINACA 3,3-Dimethylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C19H25N3O3
222.95	201.17	424.12303	10.5	MDMB-5'Br-BINACA	Synthetic Cannabinoid			C19H26BrN3O3
279.02	145.10	424.12303	10.5	MDMB-5'Br-BINACA	Synthetic Cannabinoid			C19H26BrN3O3
364.11	60.01	424.12303	10.5	MDMB-5'Br-BINACA	Synthetic Cannabinoid			C19H26BrN3O3
392.1	32.02	424.12303	10.5	MDMB-5'Br-BINACA	Synthetic Cannabinoid			C19H26BrN3O3
424.12	0.00	424.12303	10.5	MDMB-5'Br-BINACA	Synthetic Cannabinoid			C19H26BrN3O3
424.13	-0.01	424.12303	10.5	MDMB-5'Br-BINACA	Synthetic Cannabinoid			C19H26BrN3O3
86.1	281.96	368.06043	9.06	MDMB-5Br-INACA	Synthetic Cannabinoid	Other	Parent	C15H18BrN3O3
222.95	145.11	368.06043	9.06	MDMB-5Br-INACA	Synthetic Cannabinoid	Other	Parent	C15H18BrN3O3
239.98	128.08	368.06043	9.06	MDMB-5Br-INACA	Synthetic Cannabinoid	Other	Parent	C15H18BrN3O3
308.04	60.02	368.06043	9.06	MDMB-5Br-INACA	Synthetic Cannabinoid	Other	Parent	C15H18BrN3O3
368.06	0.00	368.06043	9.06	MDMB-5Br-INACA	Synthetic Cannabinoid	Other	Parent	C15H18BrN3O3
91.05	288.15	379.20162	9.47	MDMB-BENZICA	Synthetic Cannabinoid	Other	Parent	C23H26N2O3
156.04	223.16	379.20162	9.47	MDMB-BENZICA	Synthetic Cannabinoid	Other	Parent	C23H26N2O3
206.1	173.10	379.20162	9.47	MDMB-BENZICA	Synthetic Cannabinoid	Other	Parent	C23H26N2O3
234.09	145.11	379.20162	9.47	MDMB-BENZICA	Synthetic Cannabinoid	Other	Parent	C23H26N2O3
379.2	0.00	379.20162	9.47	MDMB-BENZICA	Synthetic Cannabinoid	Other	Parent	C23H26N2O3
145.04	201.17	346.21252	9.94	MDMB-BINACA	Synthetic cannabinoid			C19H27N3O3
201.1	145.11	346.21252	9.94	MDMB-BINACA	Synthetic cannabinoid			C19H27N3O3
286.19	60.02	346.21252	9.94	MDMB-BINACA	Synthetic cannabinoid			C19H27N3O3
314.19	32.02	346.21252	9.94	MDMB-BINACA	Synthetic cannabinoid			C19H27N3O3
346.21	0.00	346.21252	9.94	MDMB-BINACA	Synthetic cannabinoid			C19H27N3O3
145.04	187.16	332.19687	9.34	MDMB-BUTINACA 3,3-Dimethylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C18H25N3O3
201.1	131.10	332.19687	9.34	MDMB-BUTINACA 3,3-Dimethylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C18H25N3O3
286.19	46.01	332.19687	9.34	MDMB-BUTINACA 3,3-Dimethylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C18H25N3O3
314.18	18.02	332.19687	9.34	MDMB-BUTINACA 3,3-Dimethylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C18H25N3O3
332.19	0.01	332.19687	9.34	MDMB-BUTINACA 3,3-Dimethylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C18H25N3O3
332.2	0.00	332.19687	9.34	MDMB-BUTINACA 3,3-Dimethylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C18H25N3O3
166.07	269.19	435.26422	10.93	MDMB-CHMCZCA	Synthetic Cannabinoid	Other	Parent	C27H34N2O3
179.07	256.19	435.26422	10.93	MDMB-CHMCZCA	Synthetic Cannabinoid	Other	Parent	C27H34N2O3
194.06	241.20	435.26422	10.93	MDMB-CHMCZCA	Synthetic Cannabinoid	Other	Parent	C27H34N2O3
290.16	145.10	435.26422	10.93	MDMB-CHMCZCA	Synthetic Cannabinoid	Other	Parent	C27H34N2O3
435.26	0.00	435.26422	10.93	MDMB-CHMCZCA	Synthetic Cannabinoid	Other	Parent	C27H34N2O3
435.27	-0.01	435.26422	10.93	MDMB-CHMCZCA	Synthetic Cannabinoid	Other	Parent	C27H34N2O3
97.1	288.15	385.24857	10.33	MDMB-CHMICA	Synthetic Cannabinoid	Other	Parent	C23H32N2O3
116.05	269.20	385.24857	10.33	MDMB-CHMICA	Synthetic Cannabinoid	Other	Parent	C23H32N2O3
144.04	241.21	385.24857	10.33	MDMB-CHMICA	Synthetic Cannabinoid	Other	Parent	C23H32N2O3
240.14	145.11	385.24857	10.33	MDMB-CHMICA	Synthetic Cannabinoid	Other	Parent	C23H32N2O3
385.25	0.00	385.24857	10.33	MDMB-CHMICA	Synthetic Cannabinoid	Other	Parent	C23H32N2O3
145.04	241.20	386.24382	10.61	MDMB-CHMINACA	Synthetic Cannabinoid	Other	Parent	C22H31N3O3
241.13	145.11	386.24382	10.61	MDMB-CHMINACA	Synthetic Cannabinoid	Other	Parent	C22H31N3O3
326.22	60.02	386.24382	10.61	MDMB-CHMINACA	Synthetic Cannabinoid	Other	Parent	C22H31N3O3
354.22	32.02	386.24382	10.61	MDMB-CHMINACA	Synthetic Cannabinoid	Other	Parent	C22H31N3O3

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
386.24	0.00	386.24382	10.61	MDMB-CHMINACA	Synthetic Cannabinoid	Other	Parent	C22H31N3O3
109.04	288.15	397.1922	9.46	MDMB-FUBICA	Synthetic Cannabinoid	Other	Parent	C23H25FN2O3
224.09	173.10	397.1922	9.46	MDMB-FUBICA	Synthetic Cannabinoid	Other	Parent	C23H25FN2O3
252.08	145.11	397.1922	9.46	MDMB-FUBICA	Synthetic Cannabinoid	Other	Parent	C23H25FN2O3
365.17	32.02	397.1922	9.46	MDMB-FUBICA	Synthetic Cannabinoid	Other	Parent	C23H25FN2O3
397.19	0.00	397.1922	9.46	MDMB-FUBICA	Synthetic Cannabinoid	Other	Parent	C23H25FN2O3
109.04	274.14	383.17655	8.94	MDMB-FUBICA 3,3-Dimethylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C22H23FN2O3
224.09	159.09	383.17655	8.94	MDMB-FUBICA 3,3-Dimethylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C22H23FN2O3
252.08	131.10	383.17655	8.94	MDMB-FUBICA 3,3-Dimethylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C22H23FN2O3
365.16	18.02	383.17655	8.94	MDMB-FUBICA 3,3-Dimethylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C22H23FN2O3
383.18	0.00	383.17655	8.94	MDMB-FUBICA 3,3-Dimethylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C22H23FN2O3
109.04	289.15	398.18745	9.66	MDMB-FUBINACA	Synthetic Cannabinoid	Other	Parent	C22H24FN3O3
253.08	145.11	398.18745	9.66	MDMB-FUBINACA	Synthetic Cannabinoid	Other	Parent	C22H24FN3O3
338.16	60.03	398.18745	9.66	MDMB-FUBINACA	Synthetic Cannabinoid	Other	Parent	C22H24FN3O3
366.16	32.03	398.18745	9.66	MDMB-FUBINACA	Synthetic Cannabinoid	Other	Parent	C22H24FN3O3
398.18	0.01	398.18745	9.66	MDMB-FUBINACA	Synthetic Cannabinoid	Other	Parent	C22H24FN3O3
398.19	0.00	398.18745	9.66	MDMB-FUBINACA	Synthetic Cannabinoid	Other	Parent	C22H24FN3O3
109.04	275.13	384.1718	9.19	MDMB-FUBINACA 3,3-Dimethylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C21H22FN3O3
253.08	131.09	384.1718	9.19	MDMB-FUBINACA 3,3-Dimethylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C21H22FN3O3
270.1	114.07	384.1718	9.19	MDMB-FUBINACA 3,3-Dimethylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C21H22FN3O3
338.16	46.01	384.1718	9.19	MDMB-FUBINACA 3,3-Dimethylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C21H22FN3O3
384.17	0.00	384.1718	9.19	MDMB-FUBINACA 3,3-Dimethylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C21H22FN3O3
86.1	204.05	290.14992	7.95	MDMB-INACA	Synthetic Cannabinoid	Other	Parent	C15H19N3O3
145.04	145.11	290.14992	7.95	MDMB-INACA	Synthetic Cannabinoid	Other	Parent	C15H19N3O3
162.07	128.08	290.14992	7.95	MDMB-INACA	Synthetic Cannabinoid	Other	Parent	C15H19N3O3
230.13	60.02	290.14992	7.95	MDMB-INACA	Synthetic Cannabinoid	Other	Parent	C15H19N3O3
290.15	0.00	290.14992	7.95	MDMB-INACA	Synthetic Cannabinoid	Other	Parent	C15H19N3O3
121.11	141.03	262.1437702	4.58	MDPBP	Stimulant	Cathinone		C15H19NO3
161.06	101.08	262.1437702	4.58	MDPBP	Stimulant	Cathinone		C15H19NO3
163.08	99.06	262.1437702	4.58	MDPBP	Stimulant	Cathinone		C15H19NO3
191.07	71.07	262.1437702	4.58	MDPBP	Stimulant	Cathinone		C15H19NO3
262.14	0.00	262.1437702	4.58	MDPBP	Stimulant	Cathinone		C15H19NO3
98.1	150.03	248.1281201	4.09	MDPPP	Stimulant	Cathinone		C14H17NO3
147.04	101.09	248.1281201	4.09	MDPPP	Stimulant	Cathinone		C14H17NO3
149.06	99.07	248.1281201	4.09	MDPPP	Stimulant	Cathinone		C14H17NO3
177.05	71.08	248.1281201	4.09	MDPPP	Stimulant	Cathinone		C14H17NO3
248.13	0.00	248.1281201	4.09	MDPPP	Stimulant	Cathinone		C14H17NO3
126.13	150.03	276.1594203	5.29	MDPV	Stimulant	Cathinone		C16H21NO3
135.04	141.12	276.1594203	5.29	MDPV	Stimulant	Cathinone		C16H21NO3
149.02	127.14	276.1594203	5.29	MDPV	Stimulant	Cathinone		C16H21NO3
175.08	101.08	276.1594203	5.29	MDPV	Stimulant	Cathinone		C16H21NO3
276.16	0.00	276.1594203	5.29	MDPV	Stimulant	Cathinone		C16H21NO3
120.04	194.97	315.01275	7.48	Mebroqualone	Other Pharma	Depressant		C15H11BrN2O
144.04	170.97	315.01275	7.48	Mebroqualone	Other Pharma	Depressant		C15H11BrN2O
154.95	160.06	315.01275	7.48	Mebroqualone	Other Pharma	Depressant		C15H11BrN2O
195.97	119.04	315.01275	7.48	Mebroqualone	Other Pharma	Depressant		C15H11BrN2O

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
315.01	0.00	315.01275	7.48	Mebroqualone	Other Pharma	Depressant		C15H11BrN2O
214.04	116.02	330.064	7.69	Meclonazepam	Benzodiazepine			C16H12ClN3O3
239.05	91.01	330.064	7.69	Meclonazepam	Benzodiazepine			C16H12ClN3O3
284.07	45.99	330.064	7.69	Meclonazepam	Benzodiazepine			C16H12ClN3O3
316.06	14.00	330.064	7.69	Meclonazepam	Benzodiazepine			C16H12ClN3O3
330.06	0.00	330.064	7.69	Meclonazepam	Benzodiazepine			C16H12ClN3O3
91.06	180.04	271.0996528	6.4	Medazepam	Benzodiazepine			C16H15ClN2
180.04	91.06	271.0996528	6.4	Medazepam	Benzodiazepine			C16H15ClN2
207.1	64.00	271.0996528	6.4	Medazepam	Benzodiazepine			C16H15ClN2
242.07	29.03	271.0996528	6.4	Medazepam	Benzodiazepine			C16H15ClN2
271.1	0.00	271.0996528	6.4	Medazepam	Benzodiazepine			C16H15ClN2
41.04	160.10	201.13863	5.73	Medetomidine	Other Pharma	Anesthetic		C13H16N2
68.05	133.09	201.13863	5.73	Medetomidine	Other Pharma	Anesthetic		C13H16N2
95.06	106.08	201.13863	5.73	Medetomidine	Other Pharma	Anesthetic		C13H16N2
133.1	68.04	201.13863	5.73	Medetomidine	Other Pharma	Anesthetic		C13H16N2
201.14	0.00	201.13863	5.73	Medetomidine	Other Pharma	Anesthetic		C13H16N2
73.01	279.03	352.04203	7.68	Meloxicam	Other Pharma	Non-narcotic analgesic	Cyclooxygenase	C14H13N3O4S2
115.03	237.01	352.04203	7.68	Meloxicam	Other Pharma	Non-narcotic analgesic	Cyclooxygenase	C14H13N3O4S2
141.01	211.03	352.04203	7.68	Meloxicam	Other Pharma	Non-narcotic analgesic	Cyclooxygenase	C14H13N3O4S2
184.05	167.99	352.04203	7.68	Meloxicam	Other Pharma	Non-narcotic analgesic	Cyclooxygenase	C14H13N3O4S2
352.04	0.00	352.04203	7.68	Meloxicam	Other Pharma	Non-narcotic analgesic	Cyclooxygenase	C14H13N3O4S2
91.06	89.11	180.1746763	5.97	Memantine	Other Pharma			C12H21N
107.09	73.08	180.1746763	5.97	Memantine	Other Pharma			C12H21N
135.12	45.05	180.1746763	5.97	Memantine	Other Pharma			C12H21N
163.15	17.02	180.1746763	5.97	Memantine	Other Pharma			C12H21N
180.17	0.00	180.1746763	5.97	Memantine	Other Pharma			C12H21N
72.08	295.13	367.21286	6.49	Menitazene	Opioid	Nitazene	Parent	C21H26N4O2
100.11	267.10	367.21286	6.49	Menitazene	Opioid	Nitazene	Parent	C21H26N4O2
105.07	262.14	367.21286	6.49	Menitazene	Opioid	Nitazene	Parent	C21H26N4O2
248.13	119.08	367.21286	6.49	Menitazene	Opioid	Nitazene	Parent	C21H26N4O2
367.21	0.00	367.21286	6.49	Menitazene	Opioid	Nitazene	Parent	C21H26N4O2
107.05	103.06	210.11247	4.31	MeO-MDA	Stimulant	Amphetamine		C11H15NO3
135.08	75.03	210.11247	4.31	MeO-MDA	Stimulant	Amphetamine		C11H15NO3
152.05	58.06	210.11247	4.31	MeO-MDA	Stimulant	Amphetamine		C11H15NO3
165.05	45.06	210.11247	4.31	MeO-MDA	Stimulant	Amphetamine		C11H15NO3
193.09	17.02	210.11247	4.31	MeO-MDA	Stimulant	Amphetamine		C11H15NO3
210.11	0.00	210.11247	4.31	MeO-MDA	Stimulant	Amphetamine		C11H15NO3
70.07	178.09	248.1645056	5.37	Meperidine	Opioid			C15H21NO2
131.09	117.07	248.1645056	5.37	Meperidine	Opioid			C15H21NO2
174.13	74.03	248.1645056	5.37	Meperidine	Opioid			C15H21NO2
220.13	28.03	248.1645056	5.37	Meperidine	Opioid			C15H21NO2
248.16	0.00	248.1645056	5.37	Meperidine	Opioid			C15H21NO2
119.09	59.03	178.1226407	4.27	Mephedrone	Stimulant	Cathinone		C11H15NO
130.07	48.05	178.1226407	4.27	Mephedrone	Stimulant	Cathinone		C11H15NO
144.08	34.04	178.1226407	4.27	Mephedrone	Stimulant	Cathinone		C11H15NO
145.09	33.03	178.1226407	4.27	Mephedrone	Stimulant	Cathinone		C11H15NO

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
160.11	18.01	178.1226407	4.27	Mephedrone	Stimulant	Cathinone		C11H15NO
178.12	0.00	178.1226407	4.27	Mephedrone	Stimulant	Cathinone		C11H15NO
116.05	198.17	314.22269	6.84	Mepirapim	Synthetic Cannabinoid	Other	Parent	C19H27N3O
144.04	170.18	314.22269	6.84	Mepirapim	Synthetic Cannabinoid	Other	Parent	C19H27N3O
158.06	156.16	314.22269	6.84	Mepirapim	Synthetic Cannabinoid	Other	Parent	C19H27N3O
217.12	97.10	314.22269	6.84	Mepirapim	Synthetic Cannabinoid	Other	Parent	C19H27N3O
314.22	0.00	314.22269	6.84	Mepirapim	Synthetic Cannabinoid	Other	Parent	C19H27N3O
42.04	205.14	247.18049	4.41	Mepivacaine	Other Pharma	Anesthetic	Amide	C15H22N2O
70.07	177.11	247.18049	4.41	Mepivacaine	Other Pharma	Anesthetic	Amide	C15H22N2O
98.1	149.08	247.18049	4.41	Mepivacaine	Other Pharma	Anesthetic	Amide	C15H22N2O
150.09	97.09	247.18049	4.41	Mepivacaine	Other Pharma	Anesthetic	Amide	C15H22N2O
247.18	0.00	247.18049	4.41	Mepivacaine	Other Pharma	Anesthetic	Amide	C15H22N2O
98.1	120.05	218.1539	4.79	MePPP	Stimulant	Cathinone		C14H19NO
117.07	101.08	218.1539	4.79	MePPP	Stimulant	Cathinone		C14H19NO
119.09	99.06	218.1539	4.79	MePPP	Stimulant	Cathinone		C14H19NO
147.08	71.07	218.1539	4.79	MePPP	Stimulant	Cathinone		C14H19NO
218.15	0.00	218.1539	4.79	MePPP	Stimulant	Cathinone		C14H19NO
55.06	164.07	219.1339338	5.66	Meprobamate	Other Pharma	Depressant		C9H18N2O4
62.03	157.10	219.1339338	5.66	Meprobamate	Other Pharma	Depressant		C9H18N2O4
69.07	150.06	219.1339338	5.66	Meprobamate	Other Pharma	Depressant		C9H18N2O4
91.1	128.03	219.1339338	5.66	Meprobamate	Other Pharma	Depressant		C9H18N2O4
158.12	61.01	219.1339338	5.66	Meprobamate	Other Pharma	Depressant		C9H18N2O4
219.13	0.00	219.1339338	5.66	Meprobamate	Other Pharma	Depressant		C9H18N2O4
107.05	127.14	234.18524	4.95	Meptazinol	Opioid			C15H23NO
133.06	101.13	234.18524	4.95	Meptazinol	Opioid			C15H23NO
147.08	87.11	234.18524	4.95	Meptazinol	Opioid			C15H23NO
161.1	73.09	234.18524	4.95	Meptazinol	Opioid			C15H23NO
234.19	0.00	234.18524	4.95	Meptazinol	Opioid			C15H23NO
149.06	63.07	212.1281201	3.77	Mescaline	Stimulant	Phenethylamine		C11H17NO3
164.08	48.05	212.1281201	3.77	Mescaline	Stimulant	Phenethylamine		C11H17NO3
165.05	47.08	212.1281201	3.77	Mescaline	Stimulant	Phenethylamine		C11H17NO3
180.08	32.05	212.1281201	3.77	Mescaline	Stimulant	Phenethylamine		C11H17NO3
195.1	17.03	212.1281201	3.77	Mescaline	Stimulant	Phenethylamine		C11H17NO3
212.13	0.00	212.1281201	3.77	Mescaline	Stimulant	Phenethylamine		C11H17NO3
98.1	289.06	387.1559338	6.45	Mesoridazine	Other Pharma	Antipsychotic	Typical antipsychotic	C21H26N2OS2
126.13	261.03	387.1559338	6.45	Mesoridazine	Other Pharma	Antipsychotic	Typical antipsychotic	C21H26N2OS2
274.04	113.12	387.1559338	6.45	Mesoridazine	Other Pharma	Antipsychotic	Typical antipsychotic	C21H26N2OS2
372.13	15.03	387.1559338	6.45	Mesoridazine	Other Pharma	Antipsychotic	Typical antipsychotic	C21H26N2OS2
387.16	0.00	387.1559338	6.45	Mesoridazine	Other Pharma	Antipsychotic	Typical antipsychotic	C21H26N2OS2
105.07	266.12	371.18847	6.84	meta-Chlorofentanyl	Opioid	Fentanyl	Parent	C22H27CIN2O
134.09	237.10	371.18847	6.84	meta-Chlorofentanyl	Opioid	Fentanyl	Parent	C22H27CIN2O
188.14	183.05	371.18847	6.84	meta-Chlorofentanyl	Opioid	Fentanyl	Parent	C22H27CIN2O
250.1	121.09	371.18847	6.84	meta-Chlorofentanyl	Opioid	Fentanyl	Parent	C22H27CIN2O
371.19	0.00	371.18847	6.84	meta-Chlorofentanyl	Opioid	Fentanyl	Parent	C22H27CIN2O
105.07	250.15	355.21802	6.4	meta-Fluorofentanyl	Opioid	Fentanyl	Parent	C22H27FN2O
134.1	221.12	355.21802	6.4	meta-Fluorofentanyl	Opioid	Fentanyl	Parent	C22H27FN2O



Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
188.14	167.08	355.21802	6.4	meta-Fluorofentanyl	Opioid	Fentanyl	Parent	C22H27FN2O
234.13	121.09	355.21802	6.4	meta-Fluorofentanyl	Opioid	Fentanyl	Parent	C22H27FN2O
355.22	0.00	355.21802	6.4	meta-Fluorofentanyl	Opioid	Fentanyl	Parent	C22H27FN2O
105.07	117.04	222.11247	7.08	Metaxalone	Other Pharma	Depressant		C12H15NO3
133.1	89.01	222.11247	7.08	Metaxalone	Other Pharma	Depressant		C12H15NO3
135.08	87.03	222.11247	7.08	Metaxalone	Other Pharma	Depressant		C12H15NO3
146.07	76.04	222.11247	7.08	Metaxalone	Other Pharma	Depressant		C12H15NO3
161.1	61.01	222.11247	7.08	Metaxalone	Other Pharma	Depressant		C12H15NO3
222.11	0.00	222.11247	7.08	Metaxalone	Other Pharma	Depressant		C12H15NO3
105.07	244.16	349.22744	6.34	Methacrylfentanyl	Opioid	Fentanyl	Parent	C23H28N2O
134.1	215.13	349.22744	6.34	Methacrylfentanyl	Opioid	Fentanyl	Parent	C23H28N2O
188.14	161.09	349.22744	6.34	Methacrylfentanyl	Opioid	Fentanyl	Parent	C23H28N2O
228.14	121.09	349.22744	6.34	Methacrylfentanyl	Opioid	Fentanyl	Parent	C23H28N2O
349.23	0.00	349.22744	6.34	Methacrylfentanyl	Opioid	Fentanyl	Parent	C23H28N2O
105.03	205.19	310.2165412	7.25	Methadone	Opioid	Other	Parent	C21H27NO
219.12	91.10	310.2165412	7.25	Methadone	Opioid	Other	Parent	C21H27NO
223.11	87.11	310.2165412	7.25	Methadone	Opioid	Other	Parent	C21H27NO
265.16	45.06	310.2165412	7.25	Methadone	Opioid	Other	Parent	C21H27NO
310.22	0.00	310.2165412	7.25	Methadone	Opioid	Other	Parent	C21H27NO
65.04	85.09	150.1277261	3.82	Methamphetamine	Stimulant	Amphetamine		C10H15N
91.06	59.07	150.1277261	3.82	Methamphetamine	Stimulant	Amphetamine		C10H15N
103.05	47.08	150.1277261	3.82	Methamphetamine	Stimulant	Amphetamine		C10H15N
119.09	31.04	150.1277261	3.82	Methamphetamine	Stimulant	Amphetamine		C10H15N
150.13	0.00	150.1277261	3.82	Methamphetamine	Stimulant	Amphetamine		C10H15N
117.06	134.06	251.1178897	7.14	Methaqualone	Other Pharma	Depressant		C16H14N2O
120.05	131.07	251.1178897	7.14	Methaqualone	Other Pharma	Depressant		C16H14N2O
132.08	119.04	251.1178897	7.14	Methaqualone	Other Pharma	Depressant		C16H14N2O
144.04	107.08	251.1178897	7.14	Methaqualone	Other Pharma	Depressant		C16H14N2O
251.12	0.00	251.1178897	7.14	Methaqualone	Other Pharma	Depressant		C16H14N2O
103.05	61.06	164.1069907	3.15	Methcathinone	Stimulant	Cathinone		C10H13NO
105.07	59.04	164.1069907	3.15	Methcathinone	Stimulant	Cathinone		C10H13NO
130.06	34.05	164.1069907	3.15	Methcathinone	Stimulant	Cathinone		C10H13NO
131.07	33.04	164.1069907	3.15	Methcathinone	Stimulant	Cathinone		C10H13NO
146.1	18.01	164.1069907	3.15	Methcathinone	Stimulant	Cathinone		C10H13NO
164.11	0.00	164.1069907	3.15	Methcathinone	Stimulant	Cathinone		C10H13NO
135.08	59.04	194.1175554	3.91	Methedrone	Stimulant	Cathinone		C11H15NO2
145.09	49.03	194.1175554	3.91	Methedrone	Stimulant	Cathinone		C11H15NO2
146.06	48.06	194.1175554	3.91	Methedrone	Stimulant	Cathinone		C11H15NO2
161.08	33.04	194.1175554	3.91	Methedrone	Stimulant	Cathinone		C11H15NO2
176.11	18.01	194.1175554	3.91	Methedrone	Stimulant	Cathinone		C11H15NO2
194.12	0.00	194.1175554	3.91	Methedrone	Stimulant	Cathinone		C11H15NO2
44.05	355.13	399.18492	6.62	Methionitazene	Opioid	Nitazene	Parent	C21H26N4O2S
72.08	327.10	399.18492	6.62	Methionitazene	Opioid	Nitazene	Parent	C21H26N4O2S
100.11	299.07	399.18492	6.62	Methionitazene	Opioid	Nitazene	Parent	C21H26N4O2S
137.04	262.14	399.18492	6.62	Methionitazene	Opioid	Nitazene	Parent	C21H26N4O2S
399.18	0.00	399.18492	6.62	Methionitazene	Opioid	Nitazene	Parent	C21H26N4O2S

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
53.04	103.04	156.0841478	3.14	Methiopropamine	Stimulant	Amphetamine		C8H13NS
58.07	98.01	156.0841478	3.14	Methiopropamine	Stimulant	Amphetamine		C8H13NS
91.06	65.02	156.0841478	3.14	Methiopropamine	Stimulant	Amphetamine		C8H13NS
97.01	59.07	156.0841478	3.14	Methiopropamine	Stimulant	Amphetamine		C8H13NS
125.04	31.04	156.0841478	3.14	Methiopropamine	Stimulant	Amphetamine		C8H13NS
156.08	0.00	156.0841478	3.14	Methiopropamine	Stimulant	Amphetamine		C8H13NS
57.04	185.06	242.1022993	5.18	Methocarbamol	Other Pharma	Anticonvulsant		C11H15NO5
62.03	180.07	242.1022993	5.18	Methocarbamol	Other Pharma	Anticonvulsant		C11H15NO5
118.05	124.05	242.1022993	5.18	Methocarbamol	Other Pharma	Anticonvulsant		C11H15NO5
122.04	120.06	242.1022993	5.18	Methocarbamol	Other Pharma	Anticonvulsant		C11H15NO5
125.06	117.04	242.1022993	5.18	Methocarbamol	Other Pharma	Anticonvulsant		C11H15NO5
242.1	0.00	242.1022993	5.18	Methocarbamol	Other Pharma	Anticonvulsant		C11H15NO5
109.1	154.04	263.1390192	7.66	Methohexital	Other Pharma	Depressant	Barbiturate	C14H18N2O3
178.08	85.06	263.1390192	7.66	Methohexital	Other Pharma	Depressant	Barbiturate	C14H18N2O3
183.08	80.06	263.1390192	7.66	Methohexital	Other Pharma	Depressant	Barbiturate	C14H18N2O3
221.09	42.05	263.1390192	7.66	Methohexital	Other Pharma	Depressant	Barbiturate	C14H18N2O3
263.14	0.00	263.1390192	7.66	Methohexital	Other Pharma	Depressant	Barbiturate	C14H18N2O3
121.07	127.09	248.1645056	4.97	Methoxetamine	Stimulant	Arylcyclohexylamine		C15H21NO2
175.11	73.05	248.1645056	4.97	Methoxetamine	Stimulant	Arylcyclohexylamine		C15H21NO2
185.1	63.06	248.1645056	4.97	Methoxetamine	Stimulant	Arylcyclohexylamine		C15H21NO2
203.11	45.05	248.1645056	4.97	Methoxetamine	Stimulant	Arylcyclohexylamine		C15H21NO2
248.16	0.00	248.1645056	4.97	Methoxetamine	Stimulant	Arylcyclohexylamine		C15H21NO2
248.17	-0.01	248.1645056	4.97	Methoxetamine	Stimulant	Arylcyclohexylamine		C15H21NO2
81.07	264.04	345.11311	6.85	Methoxy U-47700	Opioid	Other	Metabolite	C16H22Cl2N2O2
172.95	172.16	345.11311	6.85	Methoxy U-47700	Opioid	Other	Metabolite	C16H22Cl2N2O2
219.99	125.12	345.11311	6.85	Methoxy U-47700	Opioid	Other	Metabolite	C16H22Cl2N2O2
300.05	45.06	345.11311	6.85	Methoxy U-47700	Opioid	Other	Metabolite	C16H22Cl2N2O2
345.11	0.00	345.11311	6.85	Methoxy U-47700	Opioid	Other	Metabolite	C16H22Cl2N2O2
105.07	248.15	353.2224	5.66	Methoxyacetyl Fentanyl	Opioid	Fentanyl	Parent	C22H28N2O2
146.1	207.12	353.2224	5.66	Methoxyacetyl Fentanyl	Opioid	Fentanyl	Parent	C22H28N2O2
188.14	165.08	353.2224	5.66	Methoxyacetyl Fentanyl	Opioid	Fentanyl	Parent	C22H28N2O2
232.13	121.09	353.2224	5.66	Methoxyacetyl Fentanyl	Opioid	Fentanyl	Parent	C22H28N2O2
353.22	0.00	353.2224	5.66	Methoxyacetyl Fentanyl	Opioid	Fentanyl	Parent	C22H28N2O2
77.04	89.08	166.1226407	3.99	Methoxyamphetamine	Stimulant	Amphetamine		C10H15NO
78.05	88.07	166.1226407	3.99	Methoxyamphetamine	Stimulant	Amphetamine		C10H15NO
91.06	75.06	166.1226407	3.99	Methoxyamphetamine	Stimulant	Amphetamine		C10H15NO
121.07	45.05	166.1226407	3.99	Methoxyamphetamine	Stimulant	Amphetamine		C10H15NO
149.1	17.02	166.1226407	3.99	Methoxyamphetamine	Stimulant	Amphetamine		C10H15NO
166.12	0.00	166.1226407	3.99	Methoxyamphetamine	Stimulant	Amphetamine		C10H15NO
91.06	89.08	180.1382908	4.53	Methoxymethamphetamine	Stimulant	Amphetamine		C11H17NO
93.07	87.07	180.1382908	4.53	Methoxymethamphetamine	Stimulant	Amphetamine		C11H17NO
121.06	59.08	180.1382908	4.53	Methoxymethamphetamine	Stimulant	Amphetamine		C11H17NO
149.1	31.04	180.1382908	4.53	Methoxymethamphetamine	Stimulant	Amphetamine		C11H17NO
180.14	0.00	180.1382908	4.53	Methoxymethamphetamine	Stimulant	Amphetamine		C11H17NO
135.04	155.14	290.17507	6.01	Methylenedioxy-alpha-PHP	Stimulant	Cathinone		C17H23NO3
140.14	150.04	290.17507	6.01	Methylenedioxy-alpha-PHP	Stimulant	Cathinone		C17H23NO3

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
149.02	141.16	290.17507	6.01	Methylenedioxy-alpha-PHP	Stimulant	Cathinone		C17H23NO3
189.09	101.09	290.17507	6.01	Methylenedioxy-alpha-PHP	Stimulant	Cathinone		C17H23NO3
219.1	71.08	290.17507	6.01	Methylenedioxy-alpha-PHP	Stimulant	Cathinone		C17H23NO3
290.18	0.00	290.17507	6.01	Methylenedioxy-alpha-PHP	Stimulant	Cathinone		C17H23NO3
135.04	155.14	290.17507	5.93	Methylenedioxy-alpha-PiHP	Stimulant	Cathinone		C17H23NO3
140.14	150.04	290.17507	5.93	Methylenedioxy-alpha-PiHP	Stimulant	Cathinone		C17H23NO3
149.02	141.16	290.17507	5.93	Methylenedioxy-alpha-PiHP	Stimulant	Cathinone		C17H23NO3
219.1	71.08	290.17507	5.93	Methylenedioxy-alpha-PiHP	Stimulant	Cathinone		C17H23NO3
290.17	0.01	290.17507	5.93	Methylenedioxy-alpha-PiHP	Stimulant	Cathinone		C17H23NO3
290.18	0.00	290.17507	5.93	Methylenedioxy-alpha-PiHP	Stimulant	Cathinone		C17H23NO3
135.04	169.15	304.19072	6.61	Methylenedioxy-PV8	Stimulant	Cathinone		C18H25NO3
149.02	155.17	304.19072	6.61	Methylenedioxy-PV8	Stimulant	Cathinone		C18H25NO3
154.16	150.03	304.19072	6.61	Methylenedioxy-PV8	Stimulant	Cathinone		C18H25NO3
203.11	101.08	304.19072	6.61	Methylenedioxy-PV8	Stimulant	Cathinone		C18H25NO3
304.19	0.00	304.19072	6.61	Methylenedioxy-PV8	Stimulant	Cathinone		C18H25NO3
123.04	182.15	305.186	4.9	Methylenedioxy-U-47700	Opioid	Utopioid		C17H24N2O3
149.02	156.17	305.186	4.9	Methylenedioxy-U-47700	Opioid	Utopioid		C17H24N2O3
180.07	125.12	305.186	4.9	Methylenedioxy-U-47700	Opioid	Utopioid		C17H24N2O3
260.13	45.06	305.186	4.9	Methylenedioxy-U-47700	Opioid	Utopioid		C17H24N2O3
305.19	0.00	305.186	4.9	Methylenedioxy-U-47700	Opioid	Utopioid		C17H24N2O3
41.04	75.10	116.1433762	4.03	Methylhexanamine (DMAA 1)	Stimulant	Amphetamine		C7H17N
43.06	73.08	116.1433762	4.03	Methylhexanamine (DMAA 1)	Stimulant	Amphetamine		C7H17N
55.06	61.08	116.1433762	4.03	Methylhexanamine (DMAA 1)	Stimulant	Amphetamine		C7H17N
57.07	59.07	116.1433762	4.03	Methylhexanamine (DMAA 1)	Stimulant	Amphetamine		C7H17N
116.14	0.00	116.1433762	4.03	Methylhexanamine (DMAA 1)	Stimulant	Amphetamine		C7H17N
41.04	75.10	116.1433762	4.11	Methylhexanamine (DMAA 2)	Stimulant	Amphetamine		C7H17N
43.06	73.08	116.1433762	4.11	Methylhexanamine (DMAA 2)	Stimulant	Amphetamine		C7H17N
55.06	61.08	116.1433762	4.11	Methylhexanamine (DMAA 2)	Stimulant	Amphetamine		C7H17N
57.07	59.07	116.1433762	4.11	Methylhexanamine (DMAA 2)	Stimulant	Amphetamine		C7H17N
116.14	0.00	116.1433762	4.11	Methylhexanamine (DMAA 2)	Stimulant	Amphetamine		C7H17N
117.06	91.04	208.0968199	3.52	Methylone	Stimulant	Cathinone		C11H13NO3
132.08	76.02	208.0968199	3.52	Methylone	Stimulant	Cathinone		C11H13NO3
160.08	48.02	208.0968199	3.52	Methylone	Stimulant	Cathinone		C11H13NO3
190.09	18.01	208.0968199	3.52	Methylone	Stimulant	Cathinone		C11H13NO3
208.09	0.01	208.0968199	3.52	Methylone	Stimulant	Cathinone		C11H13NO3
208.1	0.00	208.0968199	3.52	Methylone	Stimulant	Cathinone		C11H13NO3
117.06	94.06	211.1156502	3.5	Methylone-D3	Stimulant	Cathinone		C11H10[2H]3NO3
135.01	76.11	211.1156502	3.5	Methylone-D3	Stimulant	Cathinone		C11H10[2H]3NO3
163.09	48.03	211.1156502	3.5	Methylone-D3	Stimulant	Cathinone		C11H10[2H]3NO3
193.11	18.01	211.1156502	3.5	Methylone-D3	Stimulant	Cathinone		C11H10[2H]3NO3
211.12	0.00	211.1156502	3.5	Methylone-D3	Stimulant	Cathinone		C11H10[2H]3NO3
56.05	178.10	234.1488555	5.05	Methylphenidate	Stimulant	Amphetamine		C14H19NO2
84.08	150.07	234.1488555	5.05	Methylphenidate	Stimulant	Amphetamine		C14H19NO2
174.13	60.02	234.1488555	5.05	Methylphenidate	Stimulant	Amphetamine		C14H19NO2
217.11	17.04	234.1488555	5.05	Methylphenidate	Stimulant	Amphetamine		C14H19NO2
234.15	0.00	234.1488555	5.05	Methylphenidate	Stimulant	Amphetamine		C14H19NO2

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
138.03	191.03	329.06222	7.53	Metizolam	Benzodiazepine			C16H13ClN4S
192.05	137.01	329.06222	7.53	Metizolam	Benzodiazepine			C16H13ClN4S
275.03	54.03	329.06222	7.53	Metizolam	Benzodiazepine			C16H13ClN4S
300.02	29.04	329.06222	7.53	Metizolam	Benzodiazepine			C16H13ClN4S
329.05	0.01	329.06222	7.53	Metizolam	Benzodiazepine			C16H13ClN4S
329.06	0.00	329.06222	7.53	Metizolam	Benzodiazepine			C16H13ClN4S
183.03	117.12	300.1473314	4.67	Metoclopramide	Other Pharma			C14H22ClN3O2
184.02	116.13	300.1473314	4.67	Metoclopramide	Other Pharma			C14H22ClN3O2
212.03	88.12	300.1473314	4.67	Metoclopramide	Other Pharma			C14H22ClN3O2
227.06	73.09	300.1473314	4.67	Metoclopramide	Other Pharma			C14H22ClN3O2
300.15	0.00	300.1473314	4.67	Metoclopramide	Other Pharma			C14H22ClN3O2
44.05	294.17	338.22269	4.73	Metodesnitazene	Opioid	Nitazene	Parent	C21H27N3O
72.08	266.14	338.22269	4.73	Metodesnitazene	Opioid	Nitazene	Parent	C21H27N3O
100.11	238.11	338.22269	4.73	Metodesnitazene	Opioid	Nitazene	Parent	C21H27N3O
121.06	217.16	338.22269	4.73	Metodesnitazene	Opioid	Nitazene	Parent	C21H27N3O
338.22	0.00	338.22269	4.73	Metodesnitazene	Opioid	Nitazene	Parent	C21H27N3O
44.05	339.16	383.20777	6.09	Metonitazene	Opioid	Nitazene	Parent	C21H26N4O3
72.08	311.13	383.20777	6.09	Metonitazene	Opioid	Nitazene	Parent	C21H26N4O3
100.11	283.10	383.20777	6.09	Metonitazene	Opioid	Nitazene	Parent	C21H26N4O3
121.06	262.15	383.20777	6.09	Metonitazene	Opioid	Nitazene	Parent	C21H26N4O3
383.2	0.01	383.20777	6.09	Metonitazene	Opioid	Nitazene	Parent	C21H26N4O3
383.21	0.00	383.20777	6.09	Metonitazene	Opioid	Nitazene	Parent	C21H26N4O3
58.07	122.07	180.1382908	5.25	Mexiletine	Other Pharma		Antiarrhythmic	C11H17NO
79.06	101.08	180.1382908	5.25	Mexiletine	Other Pharma		Antiarrhythmic	C11H17NO
103.05	77.09	180.1382908	5.25	Mexiletine	Other Pharma		Antiarrhythmic	C11H17NO
105.07	75.07	180.1382908	5.25	Mexiletine	Other Pharma		Antiarrhythmic	C11H17NO
121.06	59.08	180.1382908	5.25	Mexiletine	Other Pharma		Antiarrhythmic	C11H17NO
180.14	0.00	180.1382908	5.25	Mexiletine	Other Pharma		Antiarrhythmic	C11H17NO
83.03	202.07	285.10338	8.67	MFUBINAC	Synthetic Cannabinoid	Other	Parent	C16H13FN2O2
109.04	176.06	285.10338	8.67	MFUBINAC	Synthetic Cannabinoid	Other	Parent	C16H13FN2O2
225.08	60.02	285.10338	8.67	MFUBINAC	Synthetic Cannabinoid	Other	Parent	C16H13FN2O2
253.08	32.02	285.10338	8.67	MFUBINAC	Synthetic Cannabinoid	Other	Parent	C16H13FN2O2
285.1	0.00	285.10338	8.67	MFUBINAC	Synthetic Cannabinoid	Other	Parent	C16H13FN2O2
244.03	82.06	326.08548	6.37	Midazolam	Benzodiazepine			C18H13ClFN3
249.08	77.01	326.08548	6.37	Midazolam	Benzodiazepine			C18H13ClFN3
290.11	35.98	326.08548	6.37	Midazolam	Benzodiazepine			C18H13ClFN3
291.12	34.97	326.08548	6.37	Midazolam	Benzodiazepine			C18H13ClFN3
326.09	0.00	326.08548	6.37	Midazolam	Benzodiazepine			C18H13ClFN3
72.08	194.09	266.1651743	5.08	Mirtazapine	Other Pharma	Antidepressant	Tetracyclic antidepressant	C17H19N3
194.08	72.09	266.1651743	5.08	Mirtazapine	Other Pharma	Antidepressant	Tetracyclic antidepressant	C17H19N3
195.09	71.08	266.1651743	5.08	Mirtazapine	Other Pharma	Antidepressant	Tetracyclic antidepressant	C17H19N3
209.11	57.06	266.1651743	5.08	Mirtazapine	Other Pharma	Antidepressant	Tetracyclic antidepressant	C17H19N3
266.17	0.00	266.1651743	5.08	Mirtazapine	Other Pharma	Antidepressant	Tetracyclic antidepressant	C17H19N3
174.09	225.14	399.2278343	6.49	Mitragynine	Opioid	Opiate		C23H30N2O4
226.14	173.09	399.2278343	6.49	Mitragynine	Opioid	Opiate		C23H30N2O4
238.14	161.09	399.2278343	6.49	Mitragynine	Opioid	Opiate		C23H30N2O4

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
367.2	32.03	399.2278343	6.49	Mitragynine	Opioid	Opiate		C23H30N2O4
399.23	0.00	399.2278343	6.49	Mitragynine	Opioid	Opiate		C23H30N2O4
116.05	229.17	345.21727	9.58	MMB-018	Synthetic Cannabinoid	Other	Parent	C20H28N2O3
144.04	201.18	345.21727	9.58	MMB-018	Synthetic Cannabinoid	Other	Parent	C20H28N2O3
158.06	187.16	345.21727	9.58	MMB-018	Synthetic Cannabinoid	Other	Parent	C20H28N2O3
214.12	131.10	345.21727	9.58	MMB-018	Synthetic Cannabinoid	Other	Parent	C20H28N2O3
345.22	0.00	345.21727	9.58	MMB-018	Synthetic Cannabinoid	Other	Parent	C20H28N2O3
116.05	247.16	363.20785	8.88	MMB-2201	Synthetic Cannabinoid	Other	Parent	C20H27FN2O3
144.04	219.17	363.20785	8.88	MMB-2201	Synthetic Cannabinoid	Other	Parent	C20H27FN2O3
212.11	151.10	363.20785	8.88	MMB-2201	Synthetic Cannabinoid	Other	Parent	C20H27FN2O3
232.11	131.10	363.20785	8.88	MMB-2201	Synthetic Cannabinoid	Other	Parent	C20H27FN2O3
363.21	0.00	363.20785	8.88	MMB-2201	Synthetic Cannabinoid	Other	Parent	C20H27FN2O3
103.07	240.13	343.20162	9.25	MMB-4en-PICA	Synthetic Cannabinoid	Other	Parent	C20H26N2O3
116.05	227.15	343.20162	9.25	MMB-4en-PICA	Synthetic Cannabinoid	Other	Parent	C20H26N2O3
144.04	199.16	343.20162	9.25	MMB-4en-PICA	Synthetic Cannabinoid	Other	Parent	C20H26N2O3
158.06	185.14	343.20162	9.25	MMB-4en-PICA	Synthetic Cannabinoid	Other	Parent	C20H26N2O3
212.11	131.09	343.20162	9.25	MMB-4en-PICA	Synthetic Cannabinoid	Other	Parent	C20H26N2O3
343.2	0.00	343.20162	9.25	MMB-4en-PICA	Synthetic Cannabinoid	Other	Parent	C20H26N2O3
72.08	281.96	354.04478	8.53	MMB-5Br-INACA	Synthetic Cannabinoid	Other	Parent	C14H16BrN3O3
222.95	131.09	354.04478	8.53	MMB-5Br-INACA	Synthetic Cannabinoid	Other	Parent	C14H16BrN3O3
294.02	60.02	354.04478	8.53	MMB-5Br-INACA	Synthetic Cannabinoid	Other	Parent	C14H16BrN3O3
322.02	32.02	354.04478	8.53	MMB-5Br-INACA	Synthetic Cannabinoid	Other	Parent	C14H16BrN3O3
354.04	0.00	354.04478	8.53	MMB-5Br-INACA	Synthetic Cannabinoid	Other	Parent	C14H16BrN3O3
97.1	274.13	371.23292	9.96	MMB-CHMICA	Synthetic Cannabinoid	Other	Parent	C22H30N2O3
116.05	255.18	371.23292	9.96	MMB-CHMICA	Synthetic Cannabinoid	Other	Parent	C22H30N2O3
144.04	227.19	371.23292	9.96	MMB-CHMICA	Synthetic Cannabinoid	Other	Parent	C22H30N2O3
240.14	131.09	371.23292	9.96	MMB-CHMICA	Synthetic Cannabinoid	Other	Parent	C22H30N2O3
371.23	0.00	371.23292	9.96	MMB-CHMICA	Synthetic Cannabinoid	Other	Parent	C22H30N2O3
238.11	169.07	407.17655	9.27	MMB-FUBGACLONE	Synthetic Cannabinoid	Other	Parent	C24H23FN2O3
292.1	115.08	407.17655	9.27	MMB-FUBGACLONE	Synthetic Cannabinoid	Other	Parent	C24H23FN2O3
347.15	60.03	407.17655	9.27	MMB-FUBGACLONE	Synthetic Cannabinoid	Other	Parent	C24H23FN2O3
375.15	32.03	407.17655	9.27	MMB-FUBGACLONE	Synthetic Cannabinoid	Other	Parent	C24H23FN2O3
407.18	0.00	407.17655	9.27	MMB-FUBGACLONE	Synthetic Cannabinoid	Other	Parent	C24H23FN2O3
109.04	274.14	383.17655	9.07	MMB-FUBICA	Synthetic Cannabinoid	Other	Parent	C22H23FN2O3
224.09	159.09	383.17655	9.07	MMB-FUBICA	Synthetic Cannabinoid	Other	Parent	C22H23FN2O3
252.08	131.10	383.17655	9.07	MMB-FUBICA	Synthetic Cannabinoid	Other	Parent	C22H23FN2O3
351.15	32.03	383.17655	9.07	MMB-FUBICA	Synthetic Cannabinoid	Other	Parent	C22H23FN2O3
383.18	0.00	383.17655	9.07	MMB-FUBICA	Synthetic Cannabinoid	Other	Parent	C22H23FN2O3
109.04	275.13	384.1718	9.42	MMB-FUBINACA	Synthetic Cannabinoid	Other	Parent	C21H22FN3O3
253.08	131.09	384.1718	9.42	MMB-FUBINACA	Synthetic Cannabinoid	Other	Parent	C21H22FN3O3
324.15	60.02	384.1718	9.42	MMB-FUBINACA	Synthetic Cannabinoid	Other	Parent	C21H22FN3O3
352.15	32.02	384.1718	9.42	MMB-FUBINACA	Synthetic Cannabinoid	Other	Parent	C21H22FN3O3
384.17	0.00	384.1718	9.42	MMB-FUBINACA	Synthetic Cannabinoid	Other	Parent	C21H22FN3O3
109.04	261.12	370.15615	8.81	MMB-FUBINACA 3-Methylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C20H20FN3O3
253.08	117.08	370.15615	8.81	MMB-FUBINACA 3-Methylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C20H20FN3O3
324.15	46.01	370.15615	8.81	MMB-FUBINACA 3-Methylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C20H20FN3O3

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
352.15	18.01	370.15615	8.81	MMB-FUBINACA 3-Methylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C20H20FN3O3
370.15	0.01	370.15615	8.81	MMB-FUBINACA 3-Methylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C20H20FN3O3
370.16	0.00	370.15615	8.81	MMB-FUBINACA 3-Methylbutanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C20H20FN3O3
117.05	241.14	358.19139	10.72	MN-18	Synthetic Cannabinoid	Other	Parent	C23H23N3O
145.04	213.15	358.19139	10.72	MN-18	Synthetic Cannabinoid	Other	Parent	C23H23N3O
170.07	188.12	358.19139	10.72	MN-18	Synthetic Cannabinoid	Other	Parent	C23H23N3O
215.12	143.07	358.19139	10.72	MN-18	Synthetic Cannabinoid	Other	Parent	C23H23N3O
358.19	0.00	358.19139	10.72	MN-18	Synthetic Cannabinoid	Other	Parent	C23H23N3O
114.09	326.20	440.29077	8.44	MN-25	Synthetic Cannabinoid	Other	Parent	C26H37N3O3
261.16	179.13	440.29077	8.44	MN-25	Synthetic Cannabinoid	Other	Parent	C26H37N3O3
287.14	153.15	440.29077	8.44	MN-25	Synthetic Cannabinoid	Other	Parent	C26H37N3O3
353.22	87.07	440.29077	8.44	MN-25	Synthetic Cannabinoid	Other	Parent	C26H37N3O3
440.29	0.00	440.29077	8.44	MN-25	Synthetic Cannabinoid	Other	Parent	C26H37N3O3
114.09	340.22	454.30642	8.76	MN-25 2-Methyl Derivative	Synthetic Cannabinoid	Other	Parent	C27H39N3O3
137.13	317.18	454.30642	8.76	MN-25 2-Methyl Derivative	Synthetic Cannabinoid	Other	Parent	C27H39N3O3
190.12	264.19	454.30642	8.76	MN-25 2-Methyl Derivative	Synthetic Cannabinoid	Other	Parent	C27H39N3O3
275.18	179.13	454.30642	8.76	MN-25 2-Methyl Derivative	Synthetic Cannabinoid	Other	Parent	C27H39N3O3
454.31	0.00	454.30642	8.76	MN-25 2-Methyl Derivative	Synthetic Cannabinoid	Other	Parent	C27H39N3O3
145.04	242.19	387.22783	10.76	MO-CHMINACA	Synthetic Cannabinoid	Other	Parent	C22H30N2O4
241.13	146.10	387.22783	10.76	MO-CHMINACA	Synthetic Cannabinoid	Other	Parent	C22H30N2O4
259.14	128.09	387.22783	10.76	MO-CHMINACA	Synthetic Cannabinoid	Other	Parent	C22H30N2O4
327.23	60.00	387.22783	10.76	MO-CHMINACA	Synthetic Cannabinoid	Other	Parent	C22H30N2O4
387.23	0.00	387.22783	10.76	MO-CHMINACA	Synthetic Cannabinoid	Other	Parent	C22H30N2O4
128.06	146.03	274.0896272	6.4	Modafinil	Stimulant			C15H15NO2S
151.05	123.04	274.0896272	6.4	Modafinil	Stimulant			C15H15NO2S
152.06	122.03	274.0896272	6.4	Modafinil	Stimulant			C15H15NO2S
165.07	109.02	274.0896272	6.4	Modafinil	Stimulant			C15H15NO2S
167.09	107.00	274.0896272	6.4	Modafinil	Stimulant			C15H15NO2S
274.09	0.00	274.0896272	6.4	Modafinil	Stimulant			C15H15NO2S
58.07	149.08	207.1491899	3.76	Monoethylglycinexylidide	Other Pharma	Anesthetic		C12H18N2O
107.07	100.08	207.1491899	3.76	Monoethylglycinexylidide	Other Pharma	Anesthetic		C12H18N2O
122.1	85.05	207.1491899	3.76	Monoethylglycinexylidide	Other Pharma	Anesthetic		C12H18N2O
150.09	57.06	207.1491899	3.76	Monoethylglycinexylidide	Other Pharma	Anesthetic		C12H18N2O
207.15	0.00	207.1491899	3.76	Monoethylglycinexylidide	Other Pharma	Anesthetic		C12H18N2O
98.1	136.05	234.1488555	4.43	MOPPP	Stimulant	Cathinone		C14H19NO2
105.07	129.08	234.1488555	4.43	MOPPP	Stimulant	Cathinone		C14H19NO2
135.08	99.07	234.1488555	4.43	MOPPP	Stimulant	Cathinone		C14H19NO2
163.07	71.08	234.1488555	4.43	MOPPP	Stimulant	Cathinone		C14H19NO2
234.15	0.00	234.1488555	4.43	MOPPP	Stimulant	Cathinone		C14H19NO2
185.06	101.08	286.1437702	1.57	Morphine	Opioid	Opiate		C17H19NO3
201.09	85.05	286.1437702	1.57	Morphine	Opioid	Opiate		C17H19NO3
211.08	75.06	286.1437702	1.57	Morphine	Opioid	Opiate		C17H19NO3
229.09	57.05	286.1437702	1.57	Morphine	Opioid	Opiate		C17H19NO3
286.14	0.00	286.1437702	1.57	Morphine	Opioid	Opiate		C17H19NO3
165.07	124.09	289.1626004	1.52	Morphine-D3	Opioid	Opiate		C17H16[2H]3NO3
201.09	88.07	289.1626004	1.52	Morphine-D3	Opioid	Opiate		C17H16[2H]3NO3

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
229.09	60.07	289.1626004	1.52	Morphine-D3	Opioid	Opiate		C17H16[2H]3NO3
271.15	18.01	289.1626004	1.52	Morphine-D3	Opioid	Opiate		C17H16[2H]3NO3
289.16	0.00	289.1626004	1.52	Morphine-D3	Opioid	Opiate		C17H16[2H]3NO3
105.07	127.10	232.1695	5.26	MPBP	Stimulant	Cathinone		C15H21NO
112.11	120.06	232.1695	5.26	MPBP	Stimulant	Cathinone		C15H21NO
119.05	113.12	232.1695	5.26	MPBP	Stimulant	Cathinone		C15H21NO
161.1	71.07	232.1695	5.26	MPBP	Stimulant	Cathinone		C15H21NO
232.17	0.00	232.1695	5.26	MPBP	Stimulant	Cathinone		C15H21NO
105.07	155.13	260.2008	6.47	MPHP	Stimulant	Cathinone		C17H25NO
119.05	141.15	260.2008	6.47	MPHP	Stimulant	Cathinone		C17H25NO
140.14	120.06	260.2008	6.47	MPHP	Stimulant	Cathinone		C17H25NO
189.13	71.07	260.2008	6.47	MPHP	Stimulant	Cathinone		C17H25NO
260.2	0.00	260.2008	6.47	MPHP	Stimulant	Cathinone		C17H25NO
166.08	183.18	349.2638	7.4	MT-45	Opioid	Other	Parent	C24H32N2
169.17	180.09	349.2638	7.4	MT-45	Opioid	Other	Parent	C24H32N2
179.09	170.17	349.2638	7.4	MT-45	Opioid	Other	Parent	C24H32N2
181.1	168.16	349.2638	7.4	MT-45	Opioid	Other	Parent	C24H32N2
349.26	0.00	349.2638	7.4	MT-45	Opioid	Other	Parent	C24H32N2
67.05	195.13	262.18016	5.47	MXPr	Stimulant	Arylcyclohexylamine		C16H23NO2
121.07	141.11	262.18016	5.47	MXPr	Stimulant	Arylcyclohexylamine		C16H23NO2
159.08	103.10	262.18016	5.47	MXPr	Stimulant	Arylcyclohexylamine		C16H23NO2
175.11	87.07	262.18016	5.47	MXPr	Stimulant	Arylcyclohexylamine		C16H23NO2
203.11	59.07	262.18016	5.47	MXPr	Stimulant	Arylcyclohexylamine		C16H23NO2
262.18	0.00	262.18016	5.47	MXPr	Stimulant	Arylcyclohexylamine		C16H23NO2
216.13	259.03	475.15908	7.28	N-(2C-B) Fentanyl	Opioid	Fentanyl	Parent	C24H31BrN2O3
227.97	247.19	475.15908	7.28	N-(2C-B) Fentanyl	Opioid	Fentanyl	Parent	C24H31BrN2O3
243	232.16	475.15908	7.28	N-(2C-B) Fentanyl	Opioid	Fentanyl	Parent	C24H31BrN2O3
326.07	149.09	475.15908	7.28	N-(2C-B) Fentanyl	Opioid	Fentanyl	Parent	C24H31BrN2O3
475.15	0.01	475.15908	7.28	N-(2C-B) Fentanyl	Opioid	Fentanyl	Parent	C24H31BrN2O3
475.16	0.00	475.15908	7.28	N-(2C-B) Fentanyl	Opioid	Fentanyl	Parent	C24H31BrN2O3
178.1	247.18	425.27987	7.67	N-(2C-E) Fentanyl	Opioid	Fentanyl	Parent	C26H36N2O3
193.12	232.16	425.27987	7.67	N-(2C-E) Fentanyl	Opioid	Fentanyl	Parent	C26H36N2O3
216.14	209.14	425.27987	7.67	N-(2C-E) Fentanyl	Opioid	Fentanyl	Parent	C26H36N2O3
276.2	149.08	425.27987	7.67	N-(2C-E) Fentanyl	Opioid	Fentanyl	Parent	C26H36N2O3
425.28	0.00	425.27987	7.67	N-(2C-E) Fentanyl	Opioid	Fentanyl	Parent	C26H36N2O3
189.14	253.09	442.23365	6.7	N-(2C-N) Fentanyl	Opioid	Fentanyl	Parent	C24H31N3O5
210.08	232.15	442.23365	6.7	N-(2C-N) Fentanyl	Opioid	Fentanyl	Parent	C24H31N3O5
245.16	197.07	442.23365	6.7	N-(2C-N) Fentanyl	Opioid	Fentanyl	Parent	C24H31N3O5
293.15	149.08	442.23365	6.7	N-(2C-N) Fentanyl	Opioid	Fentanyl	Parent	C24H31N3O5
442.23	0.00	442.23365	6.7	N-(2C-N) Fentanyl	Opioid	Fentanyl	Parent	C24H31N3O5
192.11	247.19	439.29552	8.11	N-(2C-P) Fentanyl	Opioid	Fentanyl	Parent	C27H38N2O3
207.14	232.16	439.29552	8.11	N-(2C-P) Fentanyl	Opioid	Fentanyl	Parent	C27H38N2O3
245.16	194.14	439.29552	8.11	N-(2C-P) Fentanyl	Opioid	Fentanyl	Parent	C27H38N2O3
290.21	149.09	439.29552	8.11	N-(2C-P) Fentanyl	Opioid	Fentanyl	Parent	C27H38N2O3
439.3	0.00	439.29552	8.11	N-(2C-P) Fentanyl	Opioid	Fentanyl	Parent	C27H38N2O3
179.11	288.22	467.32682	8.67	N-(DOBU) Fentanyl	Opioid	Fentanyl	Parent	C29H42N2O3

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
207.14	260.19	467.32682	8.67	N-(DOBU) Fentanyl	Opioid	Fentalog	Parent	C29H42N2O3
220.15	247.18	467.32682	8.67	N-(DOBU) Fentanyl	Opioid	Fentalog	Parent	C29H42N2O3
235.17	232.16	467.32682	8.67	N-(DOBU) Fentanyl	Opioid	Fentalog	Parent	C29H42N2O3
467.33	0.00	467.32682	8.67	N-(DOBU) Fentanyl	Opioid	Fentalog	Parent	C29H42N2O3
165.09	260.19	425.27987	7.35	N-(DOM) Fentanyl	Opioid	Fentalog	Parent	C26H36N2O3
178.1	247.18	425.27987	7.35	N-(DOM) Fentanyl	Opioid	Fentalog	Parent	C26H36N2O3
193.12	232.16	425.27987	7.35	N-(DOM) Fentanyl	Opioid	Fentalog	Parent	C26H36N2O3
276.2	149.08	425.27987	7.35	N-(DOM) Fentanyl	Opioid	Fentalog	Parent	C26H36N2O3
425.28	0.00	425.27987	7.35	N-(DOM) Fentanyl	Opioid	Fentalog	Parent	C26H36N2O3
182.1	267.10	449.19903	7.09	N,N-Didesmethyl Loperamide	Opioid			C27H29ClN2O2
210.09	239.11	449.19903	7.09	N,N-Didesmethyl Loperamide	Opioid			C27H29ClN2O2
238.12	211.08	449.19903	7.09	N,N-Didesmethyl Loperamide	Opioid			C27H29ClN2O2
431.19	18.01	449.19903	7.09	N,N-Didesmethyl Loperamide	Opioid			C27H29ClN2O2
449.2	0.00	449.19903	7.09	N,N-Didesmethyl Loperamide	Opioid			C27H29ClN2O2
172.96	128.13	301.0869	6.17	N,N-Didesmethyl U-47700	Opioid	Utopioid		C14H18Cl2N2O
189.98	111.11	301.0869	6.17	N,N-Didesmethyl U-47700	Opioid	Utopioid		C14H18Cl2N2O
204	97.09	301.0869	6.17	N,N-Didesmethyl U-47700	Opioid	Utopioid		C14H18Cl2N2O
270.04	31.05	301.0869	6.17	N,N-Didesmethyl U-47700	Opioid	Utopioid		C14H18Cl2N2O
284.06	17.03	301.0869	6.17	N,N-Didesmethyl U-47700	Opioid	Utopioid		C14H18Cl2N2O
301.09	0.00	301.0869	6.17	N,N-Didesmethyl U-47700	Opioid	Utopioid		C14H18Cl2N2O
86.1	131.07	217.1699253	4.7	N,N-Diethyltryptamine	Hallucinogen	Tryptamine		C14H20N2
115.05	102.12	217.1699253	4.7	N,N-Diethyltryptamine	Hallucinogen	Tryptamine		C14H20N2
117.07	100.10	217.1699253	4.7	N,N-Diethyltryptamine	Hallucinogen	Tryptamine		C14H20N2
143.07	74.10	217.1699253	4.7	N,N-Diethyltryptamine	Hallucinogen	Tryptamine		C14H20N2
144.08	73.09	217.1699253	4.7	N,N-Diethyltryptamine	Hallucinogen	Tryptamine		C14H20N2
217.17	0.00	217.1699253	4.7	N,N-Diethyltryptamine	Hallucinogen	Tryptamine		C14H20N2
115.05	90.08	205.13354	4.42	N,N-DMT N-Oxide	Hallucinogen	Tryptamine		C12H16N2O
117.07	88.06	205.13354	4.42	N,N-DMT N-Oxide	Hallucinogen	Tryptamine		C12H16N2O
127.05	78.08	205.13354	4.42	N,N-DMT N-Oxide	Hallucinogen	Tryptamine		C12H16N2O
143.07	62.06	205.13354	4.42	N,N-DMT N-Oxide	Hallucinogen	Tryptamine		C12H16N2O
144.08	61.05	205.13354	4.42	N,N-DMT N-Oxide	Hallucinogen	Tryptamine		C12H16N2O
205.13	0.00	205.13354	4.42	N,N-DMT N-Oxide	Hallucinogen	Tryptamine		C12H16N2O
121.06	349.02	470.08229	9.63	N-acetyl 25I-NBOMe	Stimulant	Phenethylamine		C20H24INO4
284.14	185.94	470.08229	9.63	N-acetyl 25I-NBOMe	Stimulant	Phenethylamine		C20H24INO4
343.18	126.90	470.08229	9.63	N-acetyl 25I-NBOMe	Stimulant	Phenethylamine		C20H24INO4
362.03	108.05	470.08229	9.63	N-acetyl 25I-NBOMe	Stimulant	Phenethylamine		C20H24INO4
470.08	0.00	470.08229	9.63	N-acetyl 25I-NBOMe	Stimulant	Phenethylamine		C20H24INO4
254.12	104.08	358.2012851	4.28	Nalbuphine	Opioid	Other	Parent	C21H27NO4
272.13	86.07	358.2012851	4.28	Nalbuphine	Opioid	Other	Parent	C21H27NO4
296.16	62.04	358.2012851	4.28	Nalbuphine	Opioid	Other	Parent	C21H27NO4
340.19	18.01	358.2012851	4.28	Nalbuphine	Opioid	Other	Parent	C21H27NO4
358.2	0.00	358.2012851	4.28	Nalbuphine	Opioid	Other	Parent	C21H27NO4
212.07	116.08	328.1543349	3.47	Naloxone	Opioid	Opiate		C19H21NO4
253.11	75.04	328.1543349	3.47	Naloxone	Opioid	Opiate		C19H21NO4
268.13	60.02	328.1543349	3.47	Naloxone	Opioid	Opiate		C19H21NO4
310.14	18.01	328.1543349	3.47	Naloxone	Opioid	Opiate		C19H21NO4



Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
328.15	0.00	328.1543349	3.47	Naloxone	Opioid	Opiate		C19H21NO4
121.06	221.11	342.169985	3.8	Naltrexone	Opioid	Opiate		C20H23NO4
200.14	142.03	342.169985	3.8	Naltrexone	Opioid	Opiate		C20H23NO4
214.12	128.05	342.169985	3.8	Naltrexone	Opioid	Opiate		C20H23NO4
303.16	39.01	342.169985	3.8	Naltrexone	Opioid	Opiate		C20H23NO4
336.2	5.97	342.169985	3.8	Naltrexone	Opioid	Opiate		C20H23NO4
342.17	0.00	342.169985	3.8	Naltrexone	Opioid	Opiate		C20H23NO4
126.13	156.06	282.1852411	6.7	Naphyrone	Stimulant	Cathinone		C19H23NO
141.07	141.12	282.1852411	6.7	Naphyrone	Stimulant	Cathinone		C19H23NO
155.05	127.14	282.1852411	6.7	Naphyrone	Stimulant	Cathinone		C19H23NO
211.11	71.08	282.1852411	6.7	Naphyrone	Stimulant	Cathinone		C19H23NO
282.19	0.00	282.1852411	6.7	Naphyrone	Stimulant	Cathinone		C19H23NO
153.07	78.03	231.101571	7.79	Naproxen	Other Pharma	Non-narcotic analgesic		C14H14O3
154.08	77.02	231.101571	7.79	Naproxen	Other Pharma	Non-narcotic analgesic		C14H14O3
169.07	62.03	231.101571	7.79	Naproxen	Other Pharma	Non-narcotic analgesic		C14H14O3
170.07	61.03	231.101571	7.79	Naproxen	Other Pharma	Non-narcotic analgesic		C14H14O3
185.1	46.00	231.101571	7.79	Naproxen	Other Pharma	Non-narcotic analgesic		C14H14O3
231.1	0.00	231.101571	7.79	Naproxen	Other Pharma	Non-narcotic analgesic		C14H14O3
136.05	150.13	286.18016	5.63	N-benzyl-3,4-DMA	Stimulant	Amphetamine		C18H23NO2
151.07	135.11	286.18016	5.63	N-benzyl-3,4-DMA	Stimulant	Amphetamine		C18H23NO2
164.08	122.10	286.18016	5.63	N-benzyl-3,4-DMA	Stimulant	Amphetamine		C18H23NO2
179.11	107.07	286.18016	5.63	N-benzyl-3,4-DMA	Stimulant	Amphetamine		C18H23NO2
286.18	0.00	286.18016	5.63	N-benzyl-3,4-DMA	Stimulant	Amphetamine		C18H23NO2
175.09	158.13	333.21727	8.97	N-Boc Norfentanyl	Opioid	Fentanyl		C19H28N2O3
203.12	130.10	333.21727	8.97	N-Boc Norfentanyl	Opioid	Fentanyl		C19H28N2O3
221.13	112.09	333.21727	8.97	N-Boc Norfentanyl	Opioid	Fentanyl		C19H28N2O3
233.17	100.05	333.21727	8.97	N-Boc Norfentanyl	Opioid	Fentanyl		C19H28N2O3
277.16	56.06	333.21727	8.97	N-Boc Norfentanyl	Opioid	Fentanyl		C19H28N2O3
333.22	0.00	333.21727	8.97	N-Boc Norfentanyl	Opioid	Fentanyl		C19H28N2O3
91.05	129.12	220.16959	5.45	N-butyl Buphedrone	Stimulant	Cathinone		C14H21NO
117.06	103.11	220.16959	5.45	N-butyl Buphedrone	Stimulant	Cathinone		C14H21NO
118.06	102.11	220.16959	5.45	N-butyl Buphedrone	Stimulant	Cathinone		C14H21NO
146.1	74.07	220.16959	5.45	N-butyl Buphedrone	Stimulant	Cathinone		C14H21NO
202.16	18.01	220.16959	5.45	N-butyl Buphedrone	Stimulant	Cathinone		C14H21NO
220.17	0.00	220.16959	5.45	N-butyl Buphedrone	Stimulant	Cathinone		C14H21NO
160.08	104.08	264.15942	5.61	N-butyl Butylone	Stimulant	Cathinone		C15H21NO3
174.09	90.07	264.15942	5.61	N-butyl Butylone	Stimulant	Cathinone		C15H21NO3
216.14	48.02	264.15942	5.61	N-butyl Butylone	Stimulant	Cathinone		C15H21NO3
217.11	47.05	264.15942	5.61	N-butyl Butylone	Stimulant	Cathinone		C15H21NO3
246.15	18.01	264.15942	5.61	N-butyl Butylone	Stimulant	Cathinone		C15H21NO3
264.16	0.00	264.15942	5.61	N-butyl Butylone	Stimulant	Cathinone		C15H21NO3
91.05	157.15	248.20089	6.62	N-butyl Hexedrone	Stimulant	Cathinone		C16H25NO
118.06	130.14	248.20089	6.62	N-butyl Hexedrone	Stimulant	Cathinone		C16H25NO
132.08	116.12	248.20089	6.62	N-butyl Hexedrone	Stimulant	Cathinone		C16H25NO
174.13	74.07	248.20089	6.62	N-butyl Hexedrone	Stimulant	Cathinone		C16H25NO
230.19	18.01	248.20089	6.62	N-butyl Hexedrone	Stimulant	Cathinone		C16H25NO

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
248.2	0.00	248.20089	6.62	N-butyl Hexedrone	Stimulant	Cathinone		C16H25NO
128.14	150.04	278.17507	5.69	N-Butyl N-Methyl Butylone	Stimulant	Cathinone		C16H23NO3
149.02	129.16	278.17507	5.69	N-Butyl N-Methyl Butylone	Stimulant	Cathinone		C16H23NO3
161.06	117.12	278.17507	5.69	N-Butyl N-Methyl Butylone	Stimulant	Cathinone		C16H23NO3
163.07	115.11	278.17507	5.69	N-Butyl N-Methyl Butylone	Stimulant	Cathinone		C16H23NO3
278.17	0.01	278.17507	5.69	N-Butyl N-Methyl Butylone	Stimulant	Cathinone		C16H23NO3
278.18	0.00	278.17507	5.69	N-Butyl N-Methyl Butylone	Stimulant	Cathinone		C16H23NO3
135.04	143.14	278.17507	6.2	N-butyl Pentylone	Stimulant	Cathinone		C16H23NO3
188.11	90.07	278.17507	6.2	N-butyl Pentylone	Stimulant	Cathinone		C16H23NO3
217.11	61.07	278.17507	6.2	N-butyl Pentylone	Stimulant	Cathinone		C16H23NO3
230.15	48.03	278.17507	6.2	N-butyl Pentylone	Stimulant	Cathinone		C16H23NO3
260.16	18.02	278.17507	6.2	N-butyl Pentylone	Stimulant	Cathinone		C16H23NO3
278.18	0.00	278.17507	6.2	N-butyl Pentylone	Stimulant	Cathinone		C16H23NO3
132.08	158.10	290.17507	6.2	N-Cyclohexyl Butylone	Stimulant	Cathinone		C17H23NO3
160.07	130.11	290.17507	6.2	N-Cyclohexyl Butylone	Stimulant	Cathinone		C17H23NO3
190.08	100.10	290.17507	6.2	N-Cyclohexyl Butylone	Stimulant	Cathinone		C17H23NO3
272.16	18.02	290.17507	6.2	N-Cyclohexyl Butylone	Stimulant	Cathinone		C17H23NO3
290.17	0.01	290.17507	6.2	N-Cyclohexyl Butylone	Stimulant	Cathinone		C17H23NO3
290.18	0.00	290.17507	6.2	N-Cyclohexyl Butylone	Stimulant	Cathinone		C17H23NO3
55.05	221.11	276.15942	5.84	N-Cyclohexyl Methylone	Stimulant	Cathinone		C16H21NO3
118.06	158.10	276.15942	5.84	N-Cyclohexyl Methylone	Stimulant	Cathinone		C16H21NO3
146.06	130.10	276.15942	5.84	N-Cyclohexyl Methylone	Stimulant	Cathinone		C16H21NO3
176.07	100.09	276.15942	5.84	N-Cyclohexyl Methylone	Stimulant	Cathinone		C16H21NO3
276.16	0.00	276.15942	5.84	N-Cyclohexyl Methylone	Stimulant	Cathinone		C16H21NO3
44.05	325.14	369.19212	6.46	N-desethyl Etonitazene	Opioid	Nitazene	Metabolite	C20H24N4O3
72.08	297.11	369.19212	6.46	N-desethyl Etonitazene	Opioid	Nitazene	Metabolite	C20H24N4O3
176.05	193.14	369.19212	6.46	N-desethyl Etonitazene	Opioid	Nitazene	Metabolite	C20H24N4O3
298.13	71.06	369.19212	6.46	N-desethyl Etonitazene	Opioid	Nitazene	Metabolite	C20H24N4O3
369.19	0.00	369.19212	6.46	N-desethyl Etonitazene	Opioid	Nitazene	Metabolite	C20H24N4O3
369.2	-0.01	369.19212	6.46	N-desethyl Etonitazene	Opioid	Nitazene	Metabolite	C20H24N4O3
44.05	339.16	383.20777	6.84	N-Desethyl Isotonitazene	Opioid	Nitazene	Metabolite	C21H26N4O3
72.08	311.13	383.20777	6.84	N-Desethyl Isotonitazene	Opioid	Nitazene	Metabolite	C21H26N4O3
270.08	113.13	383.20777	6.84	N-Desethyl Isotonitazene	Opioid	Nitazene	Metabolite	C21H26N4O3
312.14	71.07	383.20777	6.84	N-Desethyl Isotonitazene	Opioid	Nitazene	Metabolite	C21H26N4O3
383.21	0.00	383.20777	6.84	N-Desethyl Isotonitazene	Opioid	Nitazene	Metabolite	C21H26N4O3
44.05	311.13	355.17647	5.79	N-Desethyl Metonitazene	Opioid	Nitazene		C19H22N4O3
72.08	283.10	355.17647	5.79	N-Desethyl Metonitazene	Opioid	Nitazene		C19H22N4O3
238.11	117.07	355.17647	5.79	N-Desethyl Metonitazene	Opioid	Nitazene		C19H22N4O3
284.1	71.08	355.17647	5.79	N-Desethyl Metonitazene	Opioid	Nitazene		C19H22N4O3
355.18	0.00	355.17647	5.79	N-Desethyl Metonitazene	Opioid	Nitazene		C19H22N4O3
44.05	339.16	383.20777	6.96	N-Desethyl Protonitazene	Opioid	Nitazene		C21H26N4O3
72.08	311.13	383.20777	6.96	N-Desethyl Protonitazene	Opioid	Nitazene		C21H26N4O3
176.05	207.16	383.20777	6.96	N-Desethyl Protonitazene	Opioid	Nitazene		C21H26N4O3
312.13	71.08	383.20777	6.96	N-Desethyl Protonitazene	Opioid	Nitazene		C21H26N4O3
383.21	0.00	383.20777	6.96	N-Desethyl Protonitazene	Opioid	Nitazene		C21H26N4O3
117.07	346.14	463.21468	7.43	N-desmethyl Loperamide	Opioid			C28H31ClN2O2

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
196.11	267.10	463.21468	7.43	N-desmethyl Loperamide	Opioid			C28H31ClN2O2
224.11	239.10	463.21468	7.43	N-desmethyl Loperamide	Opioid			C28H31ClN2O2
252.14	211.07	463.21468	7.43	N-desmethyl Loperamide	Opioid			C28H31ClN2O2
463.21	0.00	463.21468	7.43	N-desmethyl Loperamide	Opioid			C28H31ClN2O2
81.07	234.03	315.1026	6.19	N-Desmethyl U-47700	Opioid	Utopioid		C15H20Cl2N2O
144.96	170.14	315.1026	6.19	N-Desmethyl U-47700	Opioid	Utopioid		C15H20Cl2N2O
172.96	142.14	315.1026	6.19	N-Desmethyl U-47700	Opioid	Utopioid		C15H20Cl2N2O
204	111.10	315.1026	6.19	N-Desmethyl U-47700	Opioid	Utopioid		C15H20Cl2N2O
284.06	31.04	315.1026	6.19	N-Desmethyl U-47700	Opioid	Utopioid		C15H20Cl2N2O
315.1	0.00	315.1026	6.19	N-Desmethyl U-47700	Opioid	Utopioid		C15H20Cl2N2O
127.05	241.15	368.20089	10.85	NE-CHMIMO	Synthetic Cannabinoid	Other	Parent	C26H25NO
144.04	224.16	368.20089	10.85	NE-CHMIMO	Synthetic Cannabinoid	Other	Parent	C26H25NO
155.05	213.15	368.20089	10.85	NE-CHMIMO	Synthetic Cannabinoid	Other	Parent	C26H25NO
240.14	128.06	368.20089	10.85	NE-CHMIMO	Synthetic Cannabinoid	Other	Parent	C26H25NO
368.2	0.00	368.20089	10.85	NE-CHMIMO	Synthetic Cannabinoid	Other	Parent	C26H25NO
134.07	153.99	288.05937	5.79	N-Ethyl 2C-B	Hallucinogen	Phenethylamine		C12H18BrNO2
164.08	123.98	288.05937	5.79	N-Ethyl 2C-B	Hallucinogen	Phenethylamine		C12H18BrNO2
212.95	75.11	288.05937	5.79	N-Ethyl 2C-B	Hallucinogen	Phenethylamine		C12H18BrNO2
227.98	60.08	288.05937	5.79	N-Ethyl 2C-B	Hallucinogen	Phenethylamine		C12H18BrNO2
243	45.06	288.05937	5.79	N-Ethyl 2C-B	Hallucinogen	Phenethylamine		C12H18BrNO2
288.06	0.00	288.05937	5.79	N-Ethyl 2C-B	Hallucinogen	Phenethylamine		C12H18BrNO2
91.05	127.10	218.15394	4.5	N-ethyl Deschloroketamine	Stimulant	Arylcyclohexylamine		C14H19NO
117.07	101.08	218.15394	4.5	N-ethyl Deschloroketamine	Stimulant	Arylcyclohexylamine		C14H19NO
129.07	89.08	218.15394	4.5	N-ethyl Deschloroketamine	Stimulant	Arylcyclohexylamine		C14H19NO
145.1	73.05	218.15394	4.5	N-ethyl Deschloroketamine	Stimulant	Arylcyclohexylamine		C14H19NO
173.1	45.05	218.15394	4.5	N-ethyl Deschloroketamine	Stimulant	Arylcyclohexylamine		C14H19NO
218.15	0.00	218.15394	4.5	N-ethyl Deschloroketamine	Stimulant	Arylcyclohexylamine		C14H19NO
91.05	143.14	234.18524	6.45	N-ethyl Heptedrone	Stimulant	Cathinone		C15H23NO
118.06	116.13	234.18524	6.45	N-ethyl Heptedrone	Stimulant	Cathinone		C15H23NO
130.06	104.13	234.18524	6.45	N-ethyl Heptedrone	Stimulant	Cathinone		C15H23NO
146.1	88.09	234.18524	6.45	N-ethyl Heptedrone	Stimulant	Cathinone		C15H23NO
216.17	18.02	234.18524	6.45	N-ethyl Heptedrone	Stimulant	Cathinone		C15H23NO
234.19	0.00	234.18524	6.45	N-ethyl Heptedrone	Stimulant	Cathinone		C15H23NO
118.07	102.10	220.1696	5.81	N-Ethyl Hexedrone	Stimulant	Cathinone		C14H21NO
130.07	90.10	220.1696	5.81	N-Ethyl Hexedrone	Stimulant	Cathinone		C14H21NO
146.1	74.07	220.1696	5.81	N-Ethyl Hexedrone	Stimulant	Cathinone		C14H21NO
202.16	18.01	220.1696	5.81	N-Ethyl Hexedrone	Stimulant	Cathinone		C14H21NO
220.17	0.00	220.1696	5.81	N-Ethyl Hexedrone	Stimulant	Cathinone		C14H21NO
114.13	150.03	264.15942	5.96	N-ethyl Hexylone	Stimulant	Cathinone		C15H21NO3
135.04	129.12	264.15942	5.96	N-ethyl Hexylone	Stimulant	Cathinone		C15H21NO3
149.02	115.14	264.15942	5.96	N-ethyl Hexylone	Stimulant	Cathinone		C15H21NO3
189.08	75.08	264.15942	5.96	N-ethyl Hexylone	Stimulant	Cathinone		C15H21NO3
216.14	48.02	264.15942	5.96	N-ethyl Hexylone	Stimulant	Cathinone		C15H21NO3
264.16	0.00	264.15942	5.96	N-ethyl Hexylone	Stimulant	Cathinone		C15H21NO3
91.05	115.10	206.15394	5.07	N-ethyl Pentedrone	Stimulant	Cathinone		C13H19NO
118.06	88.09	206.15394	5.07	N-ethyl Pentedrone	Stimulant	Cathinone		C13H19NO

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
130.06	76.09	206.15394	5.07	N-ethyl Pentedrone	Stimulant	Cathinone		C13H19NO
146.09	60.06	206.15394	5.07	N-ethyl Pentedrone	Stimulant	Cathinone		C13H19NO
188.14	18.01	206.15394	5.07	N-ethyl Pentedrone	Stimulant	Cathinone		C13H19NO
206.15	0.00	206.15394	5.07	N-ethyl Pentedrone	Stimulant	Cathinone		C13H19NO
135.04	115.10	250.1438	5.26	N-Ethyl Pentylone	Stimulant	Cathinone		C14H19NO3
149.02	101.12	250.1438	5.26	N-Ethyl Pentylone	Stimulant	Cathinone		C14H19NO3
189.08	61.06	250.1438	5.26	N-Ethyl Pentylone	Stimulant	Cathinone		C14H19NO3
202.12	48.02	250.1438	5.26	N-Ethyl Pentylone	Stimulant	Cathinone		C14H19NO3
250.14	0.00	250.1438	5.26	N-Ethyl Pentylone	Stimulant	Cathinone		C14H19NO3
77.04	73.09	150.12773	3.51	N-ethyl Phenethylamine	Stimulant	Phenethylamine		C10H15N
79.05	71.08	150.12773	3.51	N-ethyl Phenethylamine	Stimulant	Phenethylamine		C10H15N
103.05	47.08	150.12773	3.51	N-ethyl Phenethylamine	Stimulant	Phenethylamine		C10H15N
105.07	45.06	150.12773	3.51	N-ethyl Phenethylamine	Stimulant	Phenethylamine		C10H15N
150.13	0.00	150.12773	3.51	N-ethyl Phenethylamine	Stimulant	Phenethylamine		C10H15N
46.07	118.07	164.1433762	4.19	N-Ethylamphetamine	Stimulant	Phenethylamine		C11H17N
65.04	99.10	164.1433762	4.19	N-Ethylamphetamine	Stimulant	Phenethylamine		C11H17N
91.05	73.09	164.1433762	4.19	N-Ethylamphetamine	Stimulant	Phenethylamine		C11H17N
119.09	45.05	164.1433762	4.19	N-Ethylamphetamine	Stimulant	Phenethylamine		C11H17N
164.14	0.00	164.1433762	4.19	N-Ethylamphetamine	Stimulant	Phenethylamine		C11H17N
91.05	101.09	192.1382908	4.22	N-Ethylbuphedrone	Stimulant	Cathinone		C12H17NO
130.06	62.08	192.1382908	4.22	N-Ethylbuphedrone	Stimulant	Cathinone		C12H17NO
145.09	47.05	192.1382908	4.22	N-Ethylbuphedrone	Stimulant	Cathinone		C12H17NO
146.1	46.04	192.1382908	4.22	N-Ethylbuphedrone	Stimulant	Cathinone		C12H17NO
174.13	18.01	192.1382908	4.22	N-Ethylbuphedrone	Stimulant	Cathinone		C12H17NO
192.14	0.00	192.1382908	4.22	N-Ethylbuphedrone	Stimulant	Cathinone		C12H17NO
100.11	150.03	250.14377	4.63	N-Ethyl-N-Methyl Butylone	Stimulant	Cathinone		C14H19NO3
133.06	117.08	250.14377	4.63	N-Ethyl-N-Methyl Butylone	Stimulant	Cathinone		C14H19NO3
149.02	101.12	250.14377	4.63	N-Ethyl-N-Methyl Butylone	Stimulant	Cathinone		C14H19NO3
161.06	89.08	250.14377	4.63	N-Ethyl-N-Methyl Butylone	Stimulant	Cathinone		C14H19NO3
191.07	59.07	250.14377	4.63	N-Ethyl-N-Methyl Butylone	Stimulant	Cathinone		C14H19NO3
250.14	0.00	250.14377	4.63	N-Ethyl-N-Methyl Butylone	Stimulant	Cathinone		C14H19NO3
81.07	262.06	343.13385	6.71	N-ethyl-U-477700	Opioid	Utopioid		C17H24Cl2N2O
172.95	170.18	343.13385	6.71	N-ethyl-U-477700	Opioid	Utopioid		C17H24Cl2N2O
218.01	125.12	343.13385	6.71	N-ethyl-U-477700	Opioid	Utopioid		C17H24Cl2N2O
298.08	45.05	343.13385	6.71	N-ethyl-U-477700	Opioid	Utopioid		C17H24Cl2N2O
343.13	0.00	343.13385	6.71	N-ethyl-U-477700	Opioid	Utopioid		C17H24Cl2N2O
77.04	86.08	163.1229751	1.1	Nicotine	Stimulant			C10H14N2
117.06	46.06	163.1229751	1.1	Nicotine	Stimulant			C10H14N2
130.07	33.05	163.1229751	1.1	Nicotine	Stimulant			C10H14N2
132.08	31.04	163.1229751	1.1	Nicotine	Stimulant			C10H14N2
163.12	0.00	163.1229751	1.1	Nicotine	Stimulant			C10H14N2
194.08	153.04	347.1237631	7.64	Nifedipine	Other Pharma			C17H18N2O6
195.09	152.03	347.1237631	7.64	Nifedipine	Other Pharma			C17H18N2O6
211.09	136.03	347.1237631	7.64	Nifedipine	Other Pharma			C17H18N2O6
239.08	108.04	347.1237631	7.64	Nifedipine	Other Pharma			C17H18N2O6
254.1	93.02	347.1237631	7.64	Nifedipine	Other Pharma			C17H18N2O6

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
347.12	0.00	347.1237631	7.64	Nifedipine	Other Pharma			C17H18N2O6
221.11	74.99	296.1029	7.36	Nimetazepam	Benzodiazepine			C16H13N3O3
222.11	73.99	296.1029	7.36	Nimetazepam	Benzodiazepine			C16H13N3O3
250.11	45.99	296.1029	7.36	Nimetazepam	Benzodiazepine			C16H13N3O3
268.11	27.99	296.1029	7.36	Nimetazepam	Benzodiazepine			C16H13N3O3
296.1	0.00	296.1029	7.36	Nimetazepam	Benzodiazepine			C16H13N3O3
132.08	118.06	250.14377	4.93	N-Isopropyl Butylone	Stimulant	Cathinone		C14H19NO3
160.07	90.07	250.14377	4.93	N-Isopropyl Butylone	Stimulant	Cathinone		C14H19NO3
190.08	60.06	250.14377	4.93	N-Isopropyl Butylone	Stimulant	Cathinone		C14H19NO3
202.12	48.02	250.14377	4.93	N-Isopropyl Butylone	Stimulant	Cathinone		C14H19NO3
232.13	18.01	250.14377	4.93	N-Isopropyl Butylone	Stimulant	Cathinone		C14H19NO3
250.14	0.00	250.14377	4.93	N-Isopropyl Butylone	Stimulant	Cathinone		C14H19NO3
44.05	309.15	353.1972	5.95	Nitazene	Opioid	Nitazene	Parent	C20H24N4O2
72.08	281.12	353.1972	5.95	Nitazene	Opioid	Nitazene	Parent	C20H24N4O2
100.11	253.09	353.1972	5.95	Nitazene	Opioid	Nitazene	Parent	C20H24N4O2
234.12	119.08	353.1972	5.95	Nitazene	Opioid	Nitazene	Parent	C20H24N4O2
353.19	0.01	353.1972	5.95	Nitazene	Opioid	Nitazene	Parent	C20H24N4O2
353.2	0.00	353.1972	5.95	Nitazene	Opioid	Nitazene	Parent	C20H24N4O2
44.05	351.16	395.20777	6.01	Nitazene Dihydrofuran Variant	Opioid	Nitazene	Parent	C22H26N4O3
72.08	323.13	395.20777	6.01	Nitazene Dihydrofuran Variant	Opioid	Nitazene	Parent	C22H26N4O3
100.11	295.10	395.20777	6.01	Nitazene Dihydrofuran Variant	Opioid	Nitazene	Parent	C22H26N4O3
133.06	262.15	395.20777	6.01	Nitazene Dihydrofuran Variant	Opioid	Nitazene	Parent	C22H26N4O3
395.21	0.00	395.20777	6.01	Nitazene Dihydrofuran Variant	Opioid	Nitazene	Parent	C22H26N4O3
193.09	119.01	312.09788	6.78	Nitemazepam	Benzodiazepine			C16H13N3O4
220.1	92.00	312.09788	6.78	Nitemazepam	Benzodiazepine			C16H13N3O4
266.09	46.01	312.09788	6.78	Nitemazepam	Benzodiazepine			C16H13N3O4
294.09	18.01	312.09788	6.78	Nitemazepam	Benzodiazepine			C16H13N3O4
312.1	0.00	312.09788	6.78	Nitemazepam	Benzodiazepine			C16H13N3O4
198.09	122.02	320.1142	6.53	Nitrazolam	Benzodiazepine			C17H13N5O2
246.1	74.01	320.1142	6.53	Nitrazolam	Benzodiazepine			C17H13N5O2
274.12	45.99	320.1142	6.53	Nitrazolam	Benzodiazepine			C17H13N5O2
292.1	28.01	320.1142	6.53	Nitrazolam	Benzodiazepine			C17H13N5O2
320.11	0.00	320.1142	6.53	Nitrazolam	Benzodiazepine			C17H13N5O2
320.12	-0.01	320.1142	6.53	Nitrazolam	Benzodiazepine			C17H13N5O2
69.07	307.10	376.17073	10.19	NM-2201	Synthetic Cannabinoid	Other	Parent	C24H22FNO2
116.05	260.12	376.17073	10.19	NM-2201	Synthetic Cannabinoid	Other	Parent	C24H22FNO2
144.04	232.13	376.17073	10.19	NM-2201	Synthetic Cannabinoid	Other	Parent	C24H22FNO2
212.11	164.06	376.17073	10.19	NM-2201	Synthetic Cannabinoid	Other	Parent	C24H22FNO2
232.11	144.06	376.17073	10.19	NM-2201	Synthetic Cannabinoid	Other	Parent	C24H22FNO2
376.17	0.00	376.17073	10.19	NM-2201	Synthetic Cannabinoid	Other	Parent	C24H22FNO2
113.06	192.13	305.18597	5.02	N-methyl Carfentanyl	Opioid	Fentalog	Precursor	C17H24N2O3
146.1	159.09	305.18597	5.02	N-methyl Carfentanyl	Opioid	Fentalog	Precursor	C17H24N2O3
158.1	147.09	305.18597	5.02	N-methyl Carfentanyl	Opioid	Fentalog	Precursor	C17H24N2O3
189.14	116.05	305.18597	5.02	N-methyl Carfentanyl	Opioid	Fentalog	Precursor	C17H24N2O3
202.12	103.07	305.18597	5.02	N-methyl Carfentanyl	Opioid	Fentalog	Precursor	C17H24N2O3
305.19	0.00	305.18597	5.02	N-methyl Carfentanyl	Opioid	Fentalog	Precursor	C17H24N2O3

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
98.1	161.08	259.18049	5	N-methyl Cyclopropyl Norfentanyl	Opioid	Fentalog	Precursor	C16H22N2O
132.08	127.10	259.18049	5	N-methyl Cyclopropyl Norfentanyl	Opioid	Fentalog	Precursor	C16H22N2O
191.15	68.03	259.18049	5	N-methyl Cyclopropyl Norfentanyl	Opioid	Fentalog	Precursor	C16H22N2O
228.14	31.04	259.18049	5	N-methyl Cyclopropyl Norfentanyl	Opioid	Fentalog	Precursor	C16H22N2O
259.18	0.00	259.18049	5	N-methyl Cyclopropyl Norfentanyl	Opioid	Fentalog	Precursor	C16H22N2O
86.1	150.03	236.12812	4.01	N-methyl Ethylone	Stimulant	Cathinone		C13H17NO3
119.05	117.08	236.12812	4.01	N-methyl Ethylone	Stimulant	Cathinone		C13H17NO3
147.04	89.09	236.12812	4.01	N-methyl Ethylone	Stimulant	Cathinone		C13H17NO3
149.06	87.07	236.12812	4.01	N-methyl Ethylone	Stimulant	Cathinone		C13H17NO3
236.13	0.00	236.12812	4.01	N-methyl Ethylone	Stimulant	Cathinone		C13H17NO3
132.08	158.10	290.17507	5.76	N-methyl N-cyclohexyl Methylone	Stimulant	Cathinone		C17H23NO3
160.08	130.10	290.17507	5.76	N-methyl N-cyclohexyl Methylone	Stimulant	Cathinone		C17H23NO3
177.06	113.12	290.17507	5.76	N-methyl N-cyclohexyl Methylone	Stimulant	Cathinone		C17H23NO3
190.09	100.09	290.17507	5.76	N-methyl N-cyclohexyl Methylone	Stimulant	Cathinone		C17H23NO3
290.18	0.00	290.17507	5.76	N-methyl N-cyclohexyl Methylone	Stimulant	Cathinone		C17H23NO3
70.07	177.11	247.18049	4.66	N-methyl Norfentanyl	Opioid	Fentalog	Precursor	C15H22N2O
98.07	149.11	247.18049	4.66	N-methyl Norfentanyl	Opioid	Fentalog	Precursor	C15H22N2O
132.08	115.10	247.18049	4.66	N-methyl Norfentanyl	Opioid	Fentalog	Precursor	C15H22N2O
216.14	31.04	247.18049	4.66	N-methyl Norfentanyl	Opioid	Fentalog	Precursor	C15H22N2O
247.18	0.00	247.18049	4.66	N-methyl Norfentanyl	Opioid	Fentalog	Precursor	C15H22N2O
100.11	150.03	250.14377	4.58	N-methyl N-propyl Methylone	Stimulant	Cathinone		C14H19NO3
119.05	131.09	250.14377	4.58	N-methyl N-propyl Methylone	Stimulant	Cathinone		C14H19NO3
147.04	103.10	250.14377	4.58	N-methyl N-propyl Methylone	Stimulant	Cathinone		C14H19NO3
149.06	101.08	250.14377	4.58	N-methyl N-propyl Methylone	Stimulant	Cathinone		C14H19NO3
250.14	0.00	250.14377	4.58	N-methyl N-propyl Methylone	Stimulant	Cathinone		C14H19NO3
70.06	239.14	309.19614	5.96	N-methyl para-Methylphenyl Norfentanyl	Opioid	Fentalog	Precursor	C20H24N2O
98.1	211.10	309.19614	5.96	N-methyl para-Methylphenyl Norfentanyl	Opioid	Fentalog	Precursor	C20H24N2O
105.03	204.17	309.19614	5.96	N-methyl para-Methylphenyl Norfentanyl	Opioid	Fentalog	Precursor	C20H24N2O
212.11	97.09	309.19614	5.96	N-methyl para-Methylphenyl Norfentanyl	Opioid	Fentalog	Precursor	C20H24N2O
309.2	0.00	309.19614	5.96	N-methyl para-Methylphenyl Norfentanyl	Opioid	Fentalog	Precursor	C20H24N2O
154.95	184.16	339.10665	5.71	N-methyl U-47931E	Opioid	Utopioid		C16H23BrN2O
182.94	156.17	339.10665	5.71	N-methyl U-47931E	Opioid	Utopioid		C16H23BrN2O
213.99	125.12	339.10665	5.71	N-methyl U-47931E	Opioid	Utopioid		C16H23BrN2O
294.05	45.06	339.10665	5.71	N-methyl U-47931E	Opioid	Utopioid		C16H23BrN2O
339.11	0.00	339.10665	5.71	N-methyl U-47931E	Opioid	Utopioid		C16H23BrN2O
65.04	83.07	148.11208	3.4	N-methyl-2-AI	Stimulant	Phenethylamine		C10H13N
91.05	57.06	148.11208	3.4	N-methyl-2-AI	Stimulant	Phenethylamine		C10H13N
115.05	33.06	148.11208	3.4	N-methyl-2-AI	Stimulant	Phenethylamine		C10H13N
117.07	31.04	148.11208	3.4	N-methyl-2-AI	Stimulant	Phenethylamine		C10H13N
148.11	0.00	148.11208	3.4	N-methyl-2-AI	Stimulant	Phenethylamine		C10H13N
115.05	60.07	175.1229751	3.8	N-Methyltryptamine	Hallucinogen	Tryptamine		C11H14N2
117.07	58.05	175.1229751	3.8	N-Methyltryptamine	Hallucinogen	Tryptamine		C11H14N2
132.08	43.04	175.1229751	3.8	N-Methyltryptamine	Hallucinogen	Tryptamine		C11H14N2
143.07	32.05	175.1229751	3.8	N-Methyltryptamine	Hallucinogen	Tryptamine		C11H14N2
144.08	31.04	175.1229751	3.8	N-Methyltryptamine	Hallucinogen	Tryptamine		C11H14N2
175.12	0.00	175.1229751	3.8	N-Methyltryptamine	Hallucinogen	Tryptamine		C11H14N2

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
116.05	241.15	357.19614	9.92	NNEI	Synthetic Cannabinoid	Other	Parent	C24H24N2O
144.04	213.16	357.19614	9.92	NNEI	Synthetic Cannabinoid	Other	Parent	C24H24N2O
188.14	169.06	357.19614	9.92	NNEI	Synthetic Cannabinoid	Other	Parent	C24H24N2O
214.12	143.08	357.19614	9.92	NNEI	Synthetic Cannabinoid	Other	Parent	C24H24N2O
357.2	0.00	357.19614	9.92	NNEI	Synthetic Cannabinoid	Other	Parent	C24H24N2O
193.12	221.14	414.2638855	5.81	Norbuprenorphine	Opioid	Other	Metabolite	C25H35NO4
297.16	117.10	414.2638855	5.81	Norbuprenorphine	Opioid	Other	Metabolite	C25H35NO4
340.19	74.07	414.2638855	5.81	Norbuprenorphine	Opioid	Other	Metabolite	C25H35NO4
396.26	18.00	414.2638855	5.81	Norbuprenorphine	Opioid	Other	Metabolite	C25H35NO4
414.26	0.00	414.2638855	5.81	Norbuprenorphine	Opioid	Other	Metabolite	C25H35NO4
414.27	-0.01	414.2638855	5.81	Norbuprenorphine	Opioid	Other	Metabolite	C25H35NO4
113.06	178.11	291.17032	5.08	Norcarfentanil	Opioid	Fentanyl	Metabolite	C16H22N2O3
142.09	149.08	291.17032	5.08	Norcarfentanil	Opioid	Fentanyl	Metabolite	C16H22N2O3
146.1	145.07	291.17032	5.08	Norcarfentanil	Opioid	Fentanyl	Metabolite	C16H22N2O3
175.12	116.05	291.17032	5.08	Norcarfentanil	Opioid	Fentanyl	Metabolite	C16H22N2O3
231.15	60.02	291.17032	5.08	Norcarfentanil	Opioid	Fentanyl	Metabolite	C16H22N2O3
291.17	0.00	291.17032	5.08	Norcarfentanil	Opioid	Fentanyl	Metabolite	C16H22N2O3
192.07	121.05	313.1214509	6.1	Norclozapine	Other Pharma	Antipsychotic	Atypical antipsychotic	C17H17ClN4
227.04	86.08	313.1214509	6.1	Norclozapine	Other Pharma	Antipsychotic	Atypical antipsychotic	C17H17ClN4
270.08	43.04	313.1214509	6.1	Norclozapine	Other Pharma	Antipsychotic	Atypical antipsychotic	C17H17ClN4
296.1	17.02	313.1214509	6.1	Norclozapine	Other Pharma	Antipsychotic	Atypical antipsychotic	C17H17ClN4
313.12	0.00	313.1214509	6.1	Norclozapine	Other Pharma	Antipsychotic	Atypical antipsychotic	C17H17ClN4
105.03	185.11	290.1386848	5.41	Norcocaine	Stimulant		Metabolite	C16H19NO4
108.08	182.06	290.1386848	5.41	Norcocaine	Stimulant		Metabolite	C16H19NO4
136.08	154.06	290.1386848	5.41	Norcocaine	Stimulant		Metabolite	C16H19NO4
168.1	122.04	290.1386848	5.41	Norcocaine	Stimulant		Metabolite	C16H19NO4
290.14	0.00	290.1386848	5.41	Norcocaine	Stimulant		Metabolite	C16H19NO4
215.11	71.03	286.1437702	3.39	Norcodeine	Opioid	Opiate	Metabolite	C17H19NO3
225.09	61.05	286.1437702	3.39	Norcodeine	Opioid	Opiate	Metabolite	C17H19NO3
243.1	43.04	286.1437702	3.39	Norcodeine	Opioid	Opiate	Metabolite	C17H19NO3
268.13	18.01	286.1437702	3.39	Norcodeine	Opioid	Opiate	Metabolite	C17H19NO3
286.14	0.00	286.1437702	3.39	Norcodeine	Opioid	Opiate	Metabolite	C17H19NO3
140.03	131.03	271.0632673	7.68	Nordiazepam	Benzodiazepine		Metabolite	C15H11ClN2O
165.02	106.04	271.0632673	7.68	Nordiazepam	Benzodiazepine		Metabolite	C15H11ClN2O
208.1	62.96	271.0632673	7.68	Nordiazepam	Benzodiazepine		Metabolite	C15H11ClN2O
243.07	27.99	271.0632673	7.68	Nordiazepam	Benzodiazepine		Metabolite	C15H11ClN2O
271.06	0.00	271.0632673	7.68	Nordiazepam	Benzodiazepine		Metabolite	C15H11ClN2O
55.06	178.10	233.16484	4.63	Norfentanyl	Opioid	Fentanyl	Metabolite	C14H20N2O
56.05	177.11	233.16484	4.63	Norfentanyl	Opioid	Fentanyl	Metabolite	C14H20N2O
84.08	149.08	233.16484	4.63	Norfentanyl	Opioid	Fentanyl	Metabolite	C14H20N2O
150.09	83.07	233.16484	4.63	Norfentanyl	Opioid	Fentanyl	Metabolite	C14H20N2O
233.16	0.00	233.16484	4.63	Norfentanyl	Opioid	Fentanyl	Metabolite	C14H20N2O
198.07	102.01	300.0778961	6.85	Norflunitrazepam	Benzodiazepine		Metabolite	C15H10FN3O3
225.08	75.00	300.0778961	6.85	Norflunitrazepam	Benzodiazepine		Metabolite	C15H10FN3O3
253.08	47.00	300.0778961	6.85	Norflunitrazepam	Benzodiazepine		Metabolite	C15H10FN3O3
254.09	45.99	300.0778961	6.85	Norflunitrazepam	Benzodiazepine		Metabolite	C15H10FN3O3

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
300.08	0.00	300.0778961	6.85	Norflunitrazepam	Benzodiazepine		Metabolite	C15H10FN3O3
57.07	239.06	296.1256755	7.36	Norfluoxetine	Other Pharma	Antidepressant		C16H16F3NO
59.05	237.08	296.1256755	7.36	Norfluoxetine	Other Pharma	Antidepressant		C16H16F3NO
105.07	191.06	296.1256755	7.36	Norfluoxetine	Other Pharma	Antidepressant		C16H16F3NO
134.1	162.03	296.1256755	7.36	Norfluoxetine	Other Pharma	Antidepressant		C16H16F3NO
149.02	147.11	296.1256755	7.36	Norfluoxetine	Other Pharma	Antidepressant		C16H16F3NO
296.13	0.00	296.1256755	7.36	Norfluoxetine	Other Pharma	Antidepressant		C16H16F3NO
56.05	215.09	271.1441	4.81	Norfuranylfentanyl	Opioid	Fentanyl	Metabolite	C16H18N2O2
84.08	187.06	271.1441	4.81	Norfuranylfentanyl	Opioid	Fentanyl	Metabolite	C16H18N2O2
95.01	176.13	271.1441	4.81	Norfuranylfentanyl	Opioid	Fentanyl	Metabolite	C16H18N2O2
188.07	83.07	271.1441	4.81	Norfuranylfentanyl	Opioid	Fentanyl	Metabolite	C16H18N2O2
271.04	0.10	271.1441	4.81	Norfuranylfentanyl	Opioid	Fentanyl	Metabolite	C16H18N2O2
271.14	0.00	271.1441	4.81	Norfuranylfentanyl	Opioid	Fentanyl	Metabolite	C16H18N2O2
125.02	99.06	224.0836684	4.45	Norketamine	Stimulant	Arylcyclohexylamine	Metabolite	C12H14ClNO
163.03	61.05	224.0836684	4.45	Norketamine	Stimulant	Arylcyclohexylamine	Metabolite	C12H14ClNO
179.06	45.02	224.0836684	4.45	Norketamine	Stimulant	Arylcyclohexylamine	Metabolite	C12H14ClNO
207.06	17.02	224.0836684	4.45	Norketamine	Stimulant	Arylcyclohexylamine	Metabolite	C12H14ClNO
224.08	0.00	224.0836684	4.45	Norketamine	Stimulant	Arylcyclohexylamine	Metabolite	C12H14ClNO
42.04	192.11	234.1488555	5.4	Normeperidine	Opioid		Precursor	C14H19NO2
56.05	178.10	234.1488555	5.4	Normeperidine	Opioid		Precursor	C14H19NO2
160.11	74.04	234.1488555	5.4	Normeperidine	Opioid		Precursor	C14H19NO2
188.11	46.04	234.1488555	5.4	Normeperidine	Opioid		Precursor	C14H19NO2
234.15	0.00	234.1488555	5.4	Normeperidine	Opioid		Precursor	C14H19NO2
187.07	115.07	302.1386848	3.72	Noroxycodone	Opioid	Opiate		C17H19NO4
227.09	75.05	302.1386848	3.72	Noroxycodone	Opioid	Opiate		C17H19NO4
229.09	73.05	302.1386848	3.72	Noroxycodone	Opioid	Opiate		C17H19NO4
284.13	18.01	302.1386848	3.72	Noroxycodone	Opioid	Opiate		C17H19NO4
302.14	0.00	302.1386848	3.72	Noroxycodone	Opioid	Opiate		C17H19NO4
44.05	282.16	326.2114559	7.11	Norpropoxyphene	Opioid			C21H27NO2
143.09	183.12	326.2114559	7.11	Norpropoxyphene	Opioid			C21H27NO2
252.18	74.03	326.2114559	7.11	Norpropoxyphene	Opioid			C21H27NO2
298.07	28.14	326.2114559	7.11	Norpropoxyphene	Opioid			C21H27NO2
326.09	0.12	326.2114559	7.11	Norpropoxyphene	Opioid			C21H27NO2
326.21	0.00	326.2114559	7.11	Norpropoxyphene	Opioid			C21H27NO2
91.06	61.05	152.1069907	2.31	Norpseudoephedrine / Phenylpropanolamine	Stimulant	Amphetamine		C9H13NO
115.05	37.06	152.1069907	2.31	Norpseudoephedrine / Phenylpropanolamine	Stimulant	Amphetamine		C9H13NO
117.07	35.04	152.1069907	2.31	Norpseudoephedrine / Phenylpropanolamine	Stimulant	Amphetamine		C9H13NO
118.07	34.04	152.1069907	2.31	Norpseudoephedrine / Phenylpropanolamine	Stimulant	Amphetamine		C9H13NO
134.1	18.01	152.1069907	2.31	Norpseudoephedrine / Phenylpropanolamine	Stimulant	Amphetamine		C9H13NO
152.11	0.00	152.1069907	2.31	Norpseudoephedrine / Phenylpropanolamine	Stimulant	Amphetamine		C9H13NO
91.06	173.11	264.1746763	7.2	Nortriptyline	Other Pharma	Antidepressant	Tricyclic antidepressant	C19H21N
105.07	159.10	264.1746763	7.2	Nortriptyline	Other Pharma	Antidepressant	Tricyclic antidepressant	C19H21N
117.07	147.10	264.1746763	7.2	Nortriptyline	Other Pharma	Antidepressant	Tricyclic antidepressant	C19H21N
191.09	73.08	264.1746763	7.2	Nortriptyline	Other Pharma	Antidepressant	Tricyclic antidepressant	C19H21N
233.13	31.04	264.1746763	7.2	Nortriptyline	Other Pharma	Antidepressant	Tricyclic antidepressant	C19H21N
264.17	0.00	264.1746763	7.2	Nortriptyline	Other Pharma	Antidepressant	Tricyclic antidepressant	C19H21N



Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
220.1	194.05	414.1547289	5.66	Noscapine	Other Pharma	Antitussive		C22H23NO7
323.09	91.06	414.1547289	5.66	Noscapine	Other Pharma	Antitussive		C22H23NO7
353.1	61.05	414.1547289	5.66	Noscapine	Other Pharma	Antitussive		C22H23NO7
365.1	49.05	414.1547289	5.66	Noscapine	Other Pharma	Antitussive		C22H23NO7
414.15	0.00	414.1547289	5.66	Noscapine	Other Pharma	Antitussive		C22H23NO7
43.05	317.12	360.17065	9.83	NPB-22	Synthetic Cannabinoid	Other	Parent	C22H21N3O2
117.04	243.13	360.17065	9.83	NPB-22	Synthetic Cannabinoid	Other	Parent	C22H21N3O2
145.04	215.13	360.17065	9.83	NPB-22	Synthetic Cannabinoid	Other	Parent	C22H21N3O2
215.12	145.05	360.17065	9.83	NPB-22	Synthetic Cannabinoid	Other	Parent	C22H21N3O2
360.17	0.00	360.17065	9.83	NPB-22	Synthetic Cannabinoid	Other	Parent	C22H21N3O2
103.05	151.10	254.15394	8.9	N-Phenethyl-N-Phenylpropionamide	Opioid	Fentanyl		C17H19NO
105.07	149.08	254.15394	8.9	N-Phenethyl-N-Phenylpropionamide	Opioid	Fentanyl		C17H19NO
150.09	104.06	254.15394	8.9	N-Phenethyl-N-Phenylpropionamide	Opioid	Fentanyl		C17H19NO
198.13	56.02	254.15394	8.9	N-Phenethyl-N-Phenylpropionamide	Opioid	Fentanyl		C17H19NO
254.15	0.00	254.15394	8.9	N-Phenethyl-N-Phenylpropionamide	Opioid	Fentanyl		C17H19NO
69.07	312.12	381.19212	5.09	N-Piperidinyl 4'-hydroxy Nitazene	Opioid	Nitazene		C21H24N4O3
84.08	297.11	381.19212	5.09	N-Piperidinyl 4'-hydroxy Nitazene	Opioid	Nitazene		C21H24N4O3
107.05	274.14	381.19212	5.09	N-Piperidinyl 4'-hydroxy Nitazene	Opioid	Nitazene		C21H24N4O3
112.11	269.08	381.19212	5.09	N-Piperidinyl 4'-hydroxy Nitazene	Opioid	Nitazene		C21H24N4O3
381.19	0.00	381.19212	5.09	N-Piperidinyl 4'-hydroxy Nitazene	Opioid	Nitazene		C21H24N4O3
69.07	340.15	409.22342	6.65	N-Piperidinyl Etonitazene	Opioid	Nitazene	Parent	C23H28N4O3
107.05	302.17	409.22342	6.65	N-Piperidinyl Etonitazene	Opioid	Nitazene	Parent	C23H28N4O3
112.11	297.11	409.22342	6.65	N-Piperidinyl Etonitazene	Opioid	Nitazene	Parent	C23H28N4O3
135.08	274.14	409.22342	6.65	N-Piperidinyl Etonitazene	Opioid	Nitazene	Parent	C23H28N4O3
409.22	0.00	409.22342	6.65	N-Piperidinyl Etonitazene	Opioid	Nitazene	Parent	C23H28N4O3
135.04	183.17	318.20637	6.85	N-Piperidinyl Heptylone	Opioid	Nitazene		C19H27NO3
149.02	169.19	318.20637	6.85	N-Piperidinyl Heptylone	Opioid	Nitazene		C19H27NO3
168.17	150.04	318.20637	6.85	N-Piperidinyl Heptylone	Opioid	Nitazene		C19H27NO3
233.12	85.09	318.20637	6.85	N-Piperidinyl Heptylone	Opioid	Nitazene		C19H27NO3
318.2	0.01	318.20637	6.85	N-Piperidinyl Heptylone	Opioid	Nitazene		C19H27NO3
318.21	0.00	318.20637	6.85	N-Piperidinyl Heptylone	Opioid	Nitazene		C19H27NO3
69.07	354.17	423.23907	6.99	N-Piperidinyl Isotonitazene	Opioid	Nitazene	Parent	C24H30N4O3
84.08	339.16	423.23907	6.99	N-Piperidinyl Isotonitazene	Opioid	Nitazene	Parent	C24H30N4O3
107.05	316.19	423.23907	6.99	N-Piperidinyl Isotonitazene	Opioid	Nitazene	Parent	C24H30N4O3
112.11	311.13	423.23907	6.99	N-Piperidinyl Isotonitazene	Opioid	Nitazene	Parent	C24H30N4O3
423.24	0.00	423.23907	6.99	N-Piperidinyl Isotonitazene	Opioid	Nitazene	Parent	C24H30N4O3
79.05	125.09	204.13829	3.28	NPP	Opioid	Fentanyl	Precursor	C13H17NO
103.05	101.09	204.13829	3.28	NPP	Opioid	Fentanyl	Precursor	C13H17NO
105.07	99.07	204.13829	3.28	NPP	Opioid	Fentanyl	Precursor	C13H17NO
134.1	70.04	204.13829	3.28	NPP	Opioid	Fentanyl	Precursor	C13H17NO
204.14	0.00	204.13829	3.28	NPP	Opioid	Fentanyl	Precursor	C13H17NO
57.03	232.16	289.19106	7.04	N-propionyl Norfentanyl	Opioid	Fentanyl	Precursor	C17H24N2O2
84.08	205.11	289.19106	7.04	N-propionyl Norfentanyl	Opioid	Fentanyl	Precursor	C17H24N2O2
140.11	149.08	289.19106	7.04	N-propionyl Norfentanyl	Opioid	Fentanyl	Precursor	C17H24N2O2
233.16	56.03	289.19106	7.04	N-propionyl Norfentanyl	Opioid	Fentanyl	Precursor	C17H24N2O2
289.19	0.00	289.19106	7.04	N-propionyl Norfentanyl	Opioid	Fentanyl	Precursor	C17H24N2O2

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
91.05	115.10	206.15394	4.77	N-propyl Buphedrone	Stimulant	Cathinone		C13H19NO
118.07	88.08	206.15394	4.77	N-propyl Buphedrone	Stimulant	Cathinone		C13H19NO
130.06	76.09	206.15394	4.77	N-propyl Buphedrone	Stimulant	Cathinone		C13H19NO
146.1	60.05	206.15394	4.77	N-propyl Buphedrone	Stimulant	Cathinone		C13H19NO
188.14	18.01	206.15394	4.77	N-propyl Buphedrone	Stimulant	Cathinone		C13H19NO
206.15	0.00	206.15394	4.77	N-propyl Buphedrone	Stimulant	Cathinone		C13H19NO
160.07	90.07	250.1438	5.11	N-propyl Butylone	Stimulant	Cathinone		C14H19NO3
189.08	61.06	250.1438	5.11	N-propyl Butylone	Stimulant	Cathinone		C14H19NO3
202.12	48.02	250.1438	5.11	N-propyl Butylone	Stimulant	Cathinone		C14H19NO3
203.09	47.05	250.1438	5.11	N-propyl Butylone	Stimulant	Cathinone		C14H19NO3
232.13	18.01	250.1438	5.11	N-propyl Butylone	Stimulant	Cathinone		C14H19NO3
250.14	0.00	250.1438	5.11	N-propyl Butylone	Stimulant	Cathinone		C14H19NO3
114.13	150.03	264.15942	5.09	N-Propyl N-Methyl Butylone	Stimulant	Cathinone		C15H21NO3
133.06	131.10	264.15942	5.09	N-Propyl N-Methyl Butylone	Stimulant	Cathinone		C15H21NO3
161.06	103.10	264.15942	5.09	N-Propyl N-Methyl Butylone	Stimulant	Cathinone		C15H21NO3
191.07	73.09	264.15942	5.09	N-Propyl N-Methyl Butylone	Stimulant	Cathinone		C15H21NO3
264.16	0.00	264.15942	5.09	N-Propyl N-Methyl Butylone	Stimulant	Cathinone		C15H21NO3
91.05	129.12	220.16959	5.57	N-propyl Pentedrone	Stimulant	Cathinone		C14H21NO
105.03	115.14	220.16959	5.57	N-propyl Pentedrone	Stimulant	Cathinone		C14H21NO
118.06	102.11	220.16959	5.57	N-propyl Pentedrone	Stimulant	Cathinone		C14H21NO
130.06	90.11	220.16959	5.57	N-propyl Pentedrone	Stimulant	Cathinone		C14H21NO
160.11	60.06	220.16959	5.57	N-propyl Pentedrone	Stimulant	Cathinone		C14H21NO
220.17	0.00	220.16959	5.57	N-propyl Pentedrone	Stimulant	Cathinone		C14H21NO
60.08	118.08	178.15903	4.97	N-Propylamphetamine	Stimulant	Amphetamine		C12H19N
65.04	113.12	178.15903	4.97	N-Propylamphetamine	Stimulant	Amphetamine		C12H19N
91.05	87.11	178.15903	4.97	N-Propylamphetamine	Stimulant	Amphetamine		C12H19N
119.09	59.07	178.15903	4.97	N-Propylamphetamine	Stimulant	Amphetamine		C12H19N
178.16	0.00	178.15903	4.97	N-Propylamphetamine	Stimulant	Amphetamine		C12H19N
56.05	311.13	367.17647	4.93	N-Pyrrolidino 4'-hydroxy Nitazene	Opioid	Nitazene		C20H22N4O3
98.1	269.08	367.17647	4.93	N-Pyrrolidino 4'-hydroxy Nitazene	Opioid	Nitazene		C20H22N4O3
107.05	260.13	367.17647	4.93	N-Pyrrolidino 4'-hydroxy Nitazene	Opioid	Nitazene		C20H22N4O3
250.11	117.07	367.17647	4.93	N-Pyrrolidino 4'-hydroxy Nitazene	Opioid	Nitazene		C20H22N4O3
367.18	0.00	367.17647	4.93	N-Pyrrolidino 4'-hydroxy Nitazene	Opioid	Nitazene		C20H22N4O3
56.05	294.17	350.22269	5.01	N-Pyrrolidino Etodesnitazene	Opioid	Nitazene		C22H27N3O
98.1	252.12	350.22269	5.01	N-Pyrrolidino Etodesnitazene	Opioid	Nitazene		C22H27N3O
107.05	243.17	350.22269	5.01	N-Pyrrolidino Etodesnitazene	Opioid	Nitazene		C22H27N3O
135.08	215.14	350.22269	5.01	N-Pyrrolidino Etodesnitazene	Opioid	Nitazene		C22H27N3O
350.22	0.00	350.22269	5.01	N-Pyrrolidino Etodesnitazene	Opioid	Nitazene		C22H27N3O
56.05	339.16	395.20777	6.48	N-Pyrrolidino Etonitazene	Opioid	Nitazene	Parent	C22H26N4O3
98.1	297.11	395.20777	6.48	N-Pyrrolidino Etonitazene	Opioid	Nitazene	Parent	C22H26N4O3
107.05	288.16	395.20777	6.48	N-Pyrrolidino Etonitazene	Opioid	Nitazene	Parent	C22H26N4O3
135.08	260.13	395.20777	6.48	N-Pyrrolidino Etonitazene	Opioid	Nitazene	Parent	C22H26N4O3
395.21	0.00	395.20777	6.48	N-Pyrrolidino Etonitazene	Opioid	Nitazene	Parent	C22H26N4O3
56.05	353.17	409.22342	6.84	N-Pyrrolidino Isotonitazene	Opioid	Nitazene	Parent	C23H28N4O3
69.07	340.15	409.22342	6.84	N-Pyrrolidino Isotonitazene	Opioid	Nitazene	Parent	C23H28N4O3
98.1	311.12	409.22342	6.84	N-Pyrrolidino Isotonitazene	Opioid	Nitazene	Parent	C23H28N4O3

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
107.05	302.17	409.22342	6.84	N-Pyrrolidino Isotonitazene	Opioid	Nitazene	Parent	C23H28N4O3
409.22	0.00	409.22342	6.84	N-Pyrrolidino Isotonitazene	Opioid	Nitazene	Parent	C23H28N4O3
56.05	280.16	336.20704	4.26	N-Pyrrolidino Metodesnitazene	Opioid	Nitazene		C21H25N3O
69.07	267.14	336.20704	4.26	N-Pyrrolidino Metodesnitazene	Opioid	Nitazene		C21H25N3O
98.1	238.11	336.20704	4.26	N-Pyrrolidino Metodesnitazene	Opioid	Nitazene		C21H25N3O
121.06	215.15	336.20704	4.26	N-Pyrrolidino Metodesnitazene	Opioid	Nitazene		C21H25N3O
336.21	0.00	336.20704	4.26	N-Pyrrolidino Metodesnitazene	Opioid	Nitazene		C21H25N3O
56.05	325.14	381.19212	5.85	N-Pyrrolidino Metonitazene	Opioid	Nitazene		C21H24N4O3
98.09	283.10	381.19212	5.85	N-Pyrrolidino Metonitazene	Opioid	Nitazene		C21H24N4O3
121.06	260.13	381.19212	5.85	N-Pyrrolidino Metonitazene	Opioid	Nitazene		C21H24N4O3
158.07	223.12	381.19212	5.85	N-Pyrrolidino Metonitazene	Opioid	Nitazene		C21H24N4O3
381.18	0.01	381.19212	5.85	N-Pyrrolidino Metonitazene	Opioid	Nitazene		C21H24N4O3
381.19	0.00	381.19212	5.85	N-Pyrrolidino Metonitazene	Opioid	Nitazene		C21H24N4O3
56.05	353.17	409.22342	6.97	N-Pyrrolidino Protonitazene	Opioid	Nitazene		C23H28N4O3
96.08	313.14	409.22342	6.97	N-Pyrrolidino Protonitazene	Opioid	Nitazene		C23H28N4O3
98.09	311.13	409.22342	6.97	N-Pyrrolidino Protonitazene	Opioid	Nitazene		C23H28N4O3
107.04	302.18	409.22342	6.97	N-Pyrrolidino Protonitazene	Opioid	Nitazene		C23H28N4O3
409.21	0.01	409.22342	6.97	N-Pyrrolidino Protonitazene	Opioid	Nitazene		C23H28N4O3
409.22	0.00	409.22342	6.97	N-Pyrrolidino Protonitazene	Opioid	Nitazene		C23H28N4O3
70.06	206.10	276.15942	4.53	O-AMKD	Opioid	Other	Parent	C16H21NO3
94.06	182.10	276.15942	4.53	O-AMKD	Opioid	Other	Parent	C16H21NO3
232.13	44.03	276.15942	4.53	O-AMKD	Opioid	Other	Parent	C16H21NO3
258.15	18.01	276.15942	4.53	O-AMKD	Opioid	Other	Parent	C16H21NO3
276.16	0.00	276.15942	4.53	O-AMKD	Opioid	Other	Parent	C16H21NO3
105.07	266.14	371.2129	5.74	Ocfentanil	Opioid	Fentalog	Parent	C22H27FN2O2
146.1	225.11	371.2129	5.74	Ocfentanil	Opioid	Fentalog	Parent	C22H27FN2O2
188.14	183.07	371.2129	5.74	Ocfentanil	Opioid	Fentalog	Parent	C22H27FN2O2
250.12	121.09	371.2129	5.74	Ocfentanil	Opioid	Fentalog	Parent	C22H27FN2O2
371.21	0.00	371.2129	5.74	Ocfentanil	Opioid	Fentalog	Parent	C22H27FN2O2
42.04	208.14	250.1801557	3.93	O-Desmethyltramadol	Opioid	Other	Metabolite	C15H23NO2
58.07	192.11	250.1801557	3.93	O-Desmethyltramadol	Opioid	Other	Metabolite	C15H23NO2
145.07	105.11	250.1801557	3.93	O-Desmethyltramadol	Opioid	Other	Metabolite	C15H23NO2
232.17	18.01	250.1801557	3.93	O-Desmethyltramadol	Opioid	Other	Metabolite	C15H23NO2
250.18	0.00	250.1801557	3.93	O-Desmethyltramadol	Opioid	Other	Metabolite	C15H23NO2
58.07	206.13	264.1958058	4.61	O-Desmethylvenlafaxine	Other Pharma	Antidepressant		C16H25NO2
107.05	157.15	264.1958058	4.61	O-Desmethylvenlafaxine	Other Pharma	Antidepressant		C16H25NO2
201.13	63.07	264.1958058	4.61	O-Desmethylvenlafaxine	Other Pharma	Antidepressant		C16H25NO2
246.19	18.01	264.1958058	4.61	O-Desmethylvenlafaxine	Other Pharma	Antidepressant		C16H25NO2
264.2	0.00	264.1958058	4.61	O-Desmethylvenlafaxine	Other Pharma	Antidepressant		C16H25NO2
198.02	115.13	313.1481451	3.9	Olanzapine	Other Pharma	Antipsychotic	Atypical antipsychotic	C17H20N4S
213.05	100.10	313.1481451	3.9	Olanzapine	Other Pharma	Antipsychotic	Atypical antipsychotic	C17H20N4S
256.09	57.06	313.1481451	3.9	Olanzapine	Other Pharma	Antipsychotic	Atypical antipsychotic	C17H20N4S
282.11	31.04	313.1481451	3.9	Olanzapine	Other Pharma	Antipsychotic	Atypical antipsychotic	C17H20N4S
313.15	0.00	313.1481451	3.9	Olanzapine	Other Pharma	Antipsychotic	Atypical antipsychotic	C17H20N4S
59	328.21	387.21008	6.49	Oliceridine	Opioid	Other	Parent	C22H30N2O2S
99.21	288.00	387.21008	6.49	Oliceridine	Opioid	Other	Parent	C22H30N2O2S

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
127.02	260.19	387.21008	6.49	Oliceridine	Opioid	Other	Parent	C22H30N2O2S
244.17	143.04	387.21008	6.49	Oliceridine	Opioid	Other	Parent	C22H30N2O2S
387.21	0.00	387.21008	6.49	Oliceridine	Opioid	Other	Parent	C22H30N2O2S
97.1	287.16	384.26455	7.73	ORG 28611	Synthetic Cannabinoid	Other	Parent	C23H33N3O2
159.03	225.23	384.26455	7.73	ORG 28611	Synthetic Cannabinoid	Other	Parent	C23H33N3O2
174.06	210.20	384.26455	7.73	ORG 28611	Synthetic Cannabinoid	Other	Parent	C23H33N3O2
270.15	114.11	384.26455	7.73	ORG 28611	Synthetic Cannabinoid	Other	Parent	C23H33N3O2
384.26	0.00	384.26455	7.73	ORG 28611	Synthetic Cannabinoid	Other	Parent	C23H33N3O2
153.07	117.12	270.1852411	6.8	Orphenadrine	Other Pharma	Anticonvulsant		C18H23NO
165.07	105.12	270.1852411	6.8	Orphenadrine	Other Pharma	Anticonvulsant		C18H23NO
166.08	104.11	270.1852411	6.8	Orphenadrine	Other Pharma	Anticonvulsant		C18H23NO
179.09	91.10	270.1852411	6.8	Orphenadrine	Other Pharma	Anticonvulsant		C18H23NO
181.1	89.09	270.1852411	6.8	Orphenadrine	Other Pharma	Anticonvulsant		C18H23NO
270.19	0.00	270.1852411	6.8	Orphenadrine	Other Pharma	Anticonvulsant		C18H23NO
84.08	238.11	322.19139	5.55	Orphine	Opioid	Other	Parent	C20H23N3O
105.07	217.12	322.19139	5.55	Orphine	Opioid	Other	Parent	C20H23N3O
201.1	121.09	322.19139	5.55	Orphine	Opioid	Other	Parent	C20H23N3O
218.13	104.06	322.19139	5.55	Orphine	Opioid	Other	Parent	C20H23N3O
322.19	0.00	322.19139	5.55	Orphine	Opioid	Other	Parent	C20H23N3O
105.07	266.12	371.18847	6.75	ortho-chlorofentanyl	Opioid	Fentanyl	Parent	C22H27ClN2O
134.09	237.10	371.18847	6.75	ortho-chlorofentanyl	Opioid	Fentanyl	Parent	C22H27ClN2O
188.14	183.05	371.18847	6.75	ortho-chlorofentanyl	Opioid	Fentanyl	Parent	C22H27ClN2O
250.1	121.09	371.18847	6.75	ortho-chlorofentanyl	Opioid	Fentanyl	Parent	C22H27ClN2O
371.19	0.00	371.18847	6.75	ortho-chlorofentanyl	Opioid	Fentanyl	Parent	C22H27ClN2O
105.07	288.13	393.19728	6.43	ortho-Fluoro Furanylfentanyl	Opioid	Fentanyl	Parent	C24H25FN2O2
146.1	247.10	393.19728	6.43	ortho-Fluoro Furanylfentanyl	Opioid	Fentanyl	Parent	C24H25FN2O2
188.14	205.06	393.19728	6.43	ortho-Fluoro Furanylfentanyl	Opioid	Fentanyl	Parent	C24H25FN2O2
272.11	121.09	393.19728	6.43	ortho-Fluoro Furanylfentanyl	Opioid	Fentanyl	Parent	C24H25FN2O2
393.2	0.00	393.19728	6.43	ortho-Fluoro Furanylfentanyl	Opioid	Fentanyl	Parent	C24H25FN2O2
105.07	250.15	355.21802	6.41	ortho-Fluorofentanyl	Opioid	Fentanyl	Parent	C22H27FN2O
134.1	221.12	355.21802	6.41	ortho-Fluorofentanyl	Opioid	Fentanyl	Parent	C22H27FN2O
188.15	167.07	355.21802	6.41	ortho-Fluorofentanyl	Opioid	Fentanyl	Parent	C22H27FN2O
234.13	121.09	355.21802	6.41	ortho-Fluorofentanyl	Opioid	Fentanyl	Parent	C22H27FN2O
355.22	0.00	355.21802	6.41	ortho-Fluorofentanyl	Opioid	Fentanyl	Parent	C22H27FN2O
105.07	312.18	417.25366	7.38	ortho-Isopropyl Furanylfentanyl	Opioid	Fentanyl	Parent	C27H32N2O2
146.01	271.24	417.25366	7.38	ortho-Isopropyl Furanylfentanyl	Opioid	Fentanyl	Parent	C27H32N2O2
188.14	229.11	417.25366	7.38	ortho-Isopropyl Furanylfentanyl	Opioid	Fentanyl	Parent	C27H32N2O2
296.17	121.08	417.25366	7.38	ortho-Isopropyl Furanylfentanyl	Opioid	Fentanyl	Parent	C27H32N2O2
417.25	0.00	417.25366	7.38	ortho-Isopropyl Furanylfentanyl	Opioid	Fentanyl	Parent	C27H32N2O2
105.07	300.15	405.21727	6.49	ortho-Methoxy Furanylfentanyl	Opioid	Fentanyl	Parent	C25H28N2O3
134.1	271.12	405.21727	6.49	ortho-Methoxy Furanylfentanyl	Opioid	Fentanyl	Parent	C25H28N2O3
188.14	217.08	405.21727	6.49	ortho-Methoxy Furanylfentanyl	Opioid	Fentanyl	Parent	C25H28N2O3
284.13	121.09	405.21727	6.49	ortho-Methoxy Furanylfentanyl	Opioid	Fentanyl	Parent	C25H28N2O3
405.22	0.00	405.21727	6.49	ortho-Methoxy Furanylfentanyl	Opioid	Fentanyl	Parent	C25H28N2O3
105.07	244.16	349.22744	6.51	ortho-Methyl Acrylfentanyl	Opioid	Fentanyl	Parent	C23H28N2O
146.1	203.13	349.22744	6.51	ortho-Methyl Acrylfentanyl	Opioid	Fentanyl	Parent	C23H28N2O

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
188.14	161.09	349.22744	6.51	ortho-Methyl Acrylfentanyl	Opioid	Fentalog	Parent	C23H28N2O
228.14	121.09	349.22744	6.51	ortho-Methyl Acrylfentanyl	Opioid	Fentalog	Parent	C23H28N2O
349.23	0.00	349.22744	6.51	ortho-Methyl Acrylfentanyl	Opioid	Fentalog	Parent	C23H28N2O
105.07	284.15	389.22235	6.66	ortho-Methyl Furanylfentanyl	Opioid	Fentalog	Parent	C25H28N2O2
146.1	243.12	389.22235	6.66	ortho-Methyl Furanylfentanyl	Opioid	Fentalog	Parent	C25H28N2O2
188.14	201.08	389.22235	6.66	ortho-Methyl Furanylfentanyl	Opioid	Fentalog	Parent	C25H28N2O2
268.13	121.09	389.22235	6.66	ortho-Methyl Furanylfentanyl	Opioid	Fentalog	Parent	C25H28N2O2
389.22	0.00	389.22235	6.66	ortho-Methyl Furanylfentanyl	Opioid	Fentalog	Parent	C25H28N2O2
105.07	262.17	367.238	5.99	ortho-Methyl Methoxyfentanyl	Opioid	Fentalog	Parent	C23H30N2O2
146.1	221.14	367.238	5.99	ortho-Methyl Methoxyfentanyl	Opioid	Fentalog	Parent	C23H30N2O2
188.14	179.10	367.238	5.99	ortho-Methyl Methoxyfentanyl	Opioid	Fentalog	Parent	C23H30N2O2
246.15	121.09	367.238	5.99	ortho-Methyl Methoxyfentanyl	Opioid	Fentalog	Parent	C23H30N2O2
367.24	0.00	367.238	5.99	ortho-Methyl Methoxyfentanyl	Opioid	Fentalog	Parent	C23H30N2O2
105.07	232.16	337.2274	6.09	ortho-Methylacetyl Fentanyl	Opioid	Fentalog	Parent	C22H28N2O
134.1	203.13	337.2274	6.09	ortho-Methylacetyl Fentanyl	Opioid	Fentalog	Parent	C22H28N2O
146.1	191.13	337.2274	6.09	ortho-Methylacetyl Fentanyl	Opioid	Fentalog	Parent	C22H28N2O
188.14	149.09	337.2274	6.09	ortho-Methylacetyl Fentanyl	Opioid	Fentalog	Parent	C22H28N2O
216.14	121.09	337.2274	6.09	ortho-Methylacetyl Fentanyl	Opioid	Fentalog	Parent	C22H28N2O
337.23	0.00	337.2274	6.09	ortho-Methylacetyl Fentanyl	Opioid	Fentalog	Parent	C22H28N2O
104.05	183.01	287.058182	7.18	Oxazepam	Benzodiazepine			C15H11ClN2O2
231.07	55.99	287.058182	7.18	Oxazepam	Benzodiazepine			C15H11ClN2O2
241.05	46.01	287.058182	7.18	Oxazepam	Benzodiazepine			C15H11ClN2O2
269.05	18.01	287.058182	7.18	Oxazepam	Benzodiazepine			C15H11ClN2O2
287.06	0.00	287.058182	7.18	Oxazepam	Benzodiazepine			C15H11ClN2O2
187.08	129.07	316.1543349	3.73	Oxycodone	Opioid	Other	Parent	C18H21NO4
241.11	75.04	316.1543349	3.73	Oxycodone	Opioid	Other	Parent	C18H21NO4
256.13	60.02	316.1543349	3.73	Oxycodone	Opioid	Other	Parent	C18H21NO4
298.15	18.00	316.1543349	3.73	Oxycodone	Opioid	Other	Parent	C18H21NO4
316.15	0.00	316.1543349	3.73	Oxycodone	Opioid	Other	Parent	C18H21NO4
316.16	-0.01	316.1543349	3.73	Oxycodone	Opioid	Other	Parent	C18H21NO4
198.09	104.05	302.1386848	1.98	Oxymorphone	Opioid	Other	Parent	C17H19NO4
227.09	75.05	302.1386848	1.98	Oxymorphone	Opioid	Other	Parent	C17H19NO4
242.12	60.02	302.1386848	1.98	Oxymorphone	Opioid	Other	Parent	C17H19NO4
284.13	18.01	302.1386848	1.98	Oxymorphone	Opioid	Other	Parent	C17H19NO4
302.14	0.00	302.1386848	1.98	Oxymorphone	Opioid	Other	Parent	C17H19NO4
171.07	169.08	340.1543349	5.6	Papaverine	Opioid			C20H21NO4
202.09	138.06	340.1543349	5.6	Papaverine	Opioid			C20H21NO4
296.13	44.02	340.1543349	5.6	Papaverine	Opioid			C20H21NO4
324.12	16.03	340.1543349	5.6	Papaverine	Opioid			C20H21NO4
340.15	0.00	340.1543349	5.6	Papaverine	Opioid			C20H21NO4
105.07	254.04	359.11174	7.13	para-Bromo 4-ANPP	Opioid	Fentalog	Precursor	C19H23BrN2
134.1	225.01	359.11174	7.13	para-Bromo 4-ANPP	Opioid	Fentalog	Precursor	C19H23BrN2
146.1	213.01	359.11174	7.13	para-Bromo 4-ANPP	Opioid	Fentalog	Precursor	C19H23BrN2
188.14	170.97	359.11174	7.13	para-Bromo 4-ANPP	Opioid	Fentalog	Precursor	C19H23BrN2
359.11	0.00	359.11174	7.13	para-Bromo 4-ANPP	Opioid	Fentalog	Precursor	C19H23BrN2
105.07	310.07	415.13795	6.98	para-Bromofentanyl	Opioid	Fentalog	Parent	C22H27BrN2O

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
188.14	227.00	415.13795	6.98	para-Bromofentanyl	Opioid	Fentanyl	Parent	C22H27BrN2O
209.99	205.15	415.13795	6.98	para-Bromofentanyl	Opioid	Fentanyl	Parent	C22H27BrN2O
294.04	121.10	415.13795	6.98	para-Bromofentanyl	Opioid	Fentanyl	Parent	C22H27BrN2O
415.13	0.01	415.13795	6.98	para-Bromofentanyl	Opioid	Fentanyl	Parent	C22H27BrN2O
415.14	0.00	415.13795	6.98	para-Bromofentanyl	Opioid	Fentanyl	Parent	C22H27BrN2O
105.07	252.10	357.17282	6.35	para-Chloro Acetyfentanyl	Opioid	Fentanyl	Parent	C21H25ClN2O
166.04	191.13	357.17282	6.35	para-Chloro Acetyfentanyl	Opioid	Fentanyl	Parent	C21H25ClN2O
188.14	169.03	357.17282	6.35	para-Chloro Acetyfentanyl	Opioid	Fentanyl	Parent	C21H25ClN2O
236.08	121.09	357.17282	6.35	para-Chloro Acetyfentanyl	Opioid	Fentanyl	Parent	C21H25ClN2O
357.17	0.00	357.17282	6.35	para-Chloro Acetyfentanyl	Opioid	Fentanyl	Parent	C21H25ClN2O
105.07	264.10	369.17282	6.78	para-Chloro Acrylfentanyl	Opioid	Fentanyl	Parent	C22H25ClN2O
134.1	235.07	369.17282	6.78	para-Chloro Acrylfentanyl	Opioid	Fentanyl	Parent	C22H25ClN2O
188.14	181.03	369.17282	6.78	para-Chloro Acrylfentanyl	Opioid	Fentanyl	Parent	C22H25ClN2O
248.08	121.09	369.17282	6.78	para-Chloro Acrylfentanyl	Opioid	Fentanyl	Parent	C22H25ClN2O
369.17	0.00	369.17282	6.78	para-Chloro Acrylfentanyl	Opioid	Fentanyl	Parent	C22H25ClN2O
69.07	342.15	411.21977	7.91	para-Chloro Cyclopentylfentanyl	Opioid	Fentanyl	Parent	C25H31ClN2O
105.07	306.15	411.21977	7.91	para-Chloro Cyclopentylfentanyl	Opioid	Fentanyl	Parent	C25H31ClN2O
188.14	223.08	411.21977	7.91	para-Chloro Cyclopentylfentanyl	Opioid	Fentanyl	Parent	C25H31ClN2O
315.16	96.06	411.21977	7.91	para-Chloro Cyclopentylfentanyl	Opioid	Fentanyl	Parent	C25H31ClN2O
411.22	0.00	411.21977	7.91	para-Chloro Cyclopentylfentanyl	Opioid	Fentanyl	Parent	C25H31ClN2O
69.03	314.16	383.18847	7.07	para-Chloro Cyclopropylfentanyl	Opioid	Fentanyl	Parent	C23H27ClN2O
105.07	278.12	383.18847	7.07	para-Chloro Cyclopropylfentanyl	Opioid	Fentanyl	Parent	C23H27ClN2O
188.14	195.05	383.18847	7.07	para-Chloro Cyclopropylfentanyl	Opioid	Fentanyl	Parent	C23H27ClN2O
262.1	121.09	383.18847	7.07	para-Chloro Cyclopropylfentanyl	Opioid	Fentanyl	Parent	C23H27ClN2O
383.19	0.00	383.18847	7.07	para-Chloro Cyclopropylfentanyl	Opioid	Fentanyl	Parent	C23H27ClN2O
105.07	304.10	409.16773	6.92	para-Chloro Furanylfentanyl	Opioid	Fentanyl	Parent	C24H25ClN2O2
136.1	273.07	409.16773	6.92	para-Chloro Furanylfentanyl	Opioid	Fentanyl	Parent	C24H25ClN2O2
146.1	263.07	409.16773	6.92	para-Chloro Furanylfentanyl	Opioid	Fentanyl	Parent	C24H25ClN2O2
188.14	221.03	409.16773	6.92	para-Chloro Furanylfentanyl	Opioid	Fentanyl	Parent	C24H25ClN2O2
409.17	0.00	409.16773	6.92	para-Chloro Furanylfentanyl	Opioid	Fentanyl	Parent	C24H25ClN2O2
105.07	294.15	399.21977	7.83	para-Chloro Valerylfentanyl	Opioid	Fentanyl	Parent	C24H31ClN2O
188.14	211.08	399.21977	7.83	para-Chloro Valerylfentanyl	Opioid	Fentanyl	Parent	C24H31ClN2O
278.13	121.09	399.21977	7.83	para-Chloro Valerylfentanyl	Opioid	Fentanyl	Parent	C24H31ClN2O
315.16	84.06	399.21977	7.83	para-Chloro Valerylfentanyl	Opioid	Fentanyl	Parent	C24H31ClN2O
399.22	0.00	399.21977	7.83	para-Chloro Valerylfentanyl	Opioid	Fentanyl	Parent	C24H31ClN2O
105.07	266.12	371.18847	6.88	para-Chlorofentanyl	Opioid	Fentanyl	Parent	C22H27ClN2O
134.09	237.10	371.18847	6.88	para-Chlorofentanyl	Opioid	Fentanyl	Parent	C22H27ClN2O
188.14	183.05	371.18847	6.88	para-Chlorofentanyl	Opioid	Fentanyl	Parent	C22H27ClN2O
250.1	121.09	371.18847	6.88	para-Chlorofentanyl	Opioid	Fentanyl	Parent	C22H27ClN2O
371.19	0.00	371.18847	6.88	para-Chlorofentanyl	Opioid	Fentanyl	Parent	C22H27ClN2O
105.07	280.13	385.2041	7.28	para-Chloroisobutyryl Fentanyl	Opioid	Fentanyl	Parent	C23H29ClN2O
134.1	251.10	385.2041	7.28	para-Chloroisobutyryl Fentanyl	Opioid	Fentanyl	Parent	C23H29ClN2O
188.14	197.06	385.2041	7.28	para-Chloroisobutyryl Fentanyl	Opioid	Fentanyl	Parent	C23H29ClN2O
264.11	121.09	385.2041	7.28	para-Chloroisobutyryl Fentanyl	Opioid	Fentanyl	Parent	C23H29ClN2O
385.2	0.00	385.2041	7.28	para-Chloroisobutyryl Fentanyl	Opioid	Fentanyl	Parent	C23H29ClN2O
84.08	201.10	285.17615	5.92	Para-Fluoro 4-ANBP	Opioid	Fentanyl	Precursor	C18H21FN2

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
91.05	194.13	285.17615	5.92	Para-Fluoro 4-ANBP	Opioid	Fentalog	Precursor	C18H21FN2
138.07	147.11	285.17615	5.92	Para-Fluoro 4-ANBP	Opioid	Fentalog	Precursor	C18H21FN2
174.13	111.05	285.17615	5.92	Para-Fluoro 4-ANBP	Opioid	Fentalog	Precursor	C18H21FN2
285.17	0.01	285.17615	5.92	Para-Fluoro 4-ANBP	Opioid	Fentalog	Precursor	C18H21FN2
285.18	0.00	285.17615	5.92	Para-Fluoro 4-ANBP	Opioid	Fentalog	Precursor	C18H21FN2
105.07	236.13	341.20237	5.89	para-Fluoro Acetylfentanyl	Opioid	Fentalog	Parent	C21H25FN2O
150.07	191.13	341.20237	5.89	para-Fluoro Acetylfentanyl	Opioid	Fentalog	Parent	C21H25FN2O
188.14	153.06	341.20237	5.89	para-Fluoro Acetylfentanyl	Opioid	Fentalog	Parent	C21H25FN2O
220.11	121.09	341.20237	5.89	para-Fluoro Acetylfentanyl	Opioid	Fentalog	Parent	C21H25FN2O
341.2	0.00	341.20237	5.89	para-Fluoro Acetylfentanyl	Opioid	Fentalog	Parent	C21H25FN2O
105.07	262.15	367.21802	6.6	para-Fluoro Cyclopropylfentanyl	Opioid	Fentalog	Parent	C23H27FN2O
150.07	217.15	367.21802	6.6	para-Fluoro Cyclopropylfentanyl	Opioid	Fentalog	Parent	C23H27FN2O
188.14	179.08	367.21802	6.6	para-Fluoro Cyclopropylfentanyl	Opioid	Fentalog	Parent	C23H27FN2O
246.13	121.09	367.21802	6.6	para-Fluoro Cyclopropylfentanyl	Opioid	Fentalog	Parent	C23H27FN2O
367.22	0.00	367.21802	6.6	para-Fluoro Cyclopropylfentanyl	Opioid	Fentalog	Parent	C23H27FN2O
105.07	298.18	403.25441	8.51	para-Fluoro Phenethyl 4-ANPP	Opioid	Fentalog	Precursor	C27H31FN2
134.1	269.15	403.25441	8.51	para-Fluoro Phenethyl 4-ANPP	Opioid	Fentalog	Precursor	C27H31FN2
188.14	215.11	403.25441	8.51	para-Fluoro Phenethyl 4-ANPP	Opioid	Fentalog	Precursor	C27H31FN2
242.13	161.12	403.25441	8.51	para-Fluoro Phenethyl 4-ANPP	Opioid	Fentalog	Precursor	C27H31FN2
403.25	0.00	403.25441	8.51	para-Fluoro Phenethyl 4-ANPP	Opioid	Fentalog	Precursor	C27H31FN2
105.07	278.18	383.24932	7.38	para-Fluoro Valerylfentanyl	Opioid	Fentalog	Parent	C24H31FN2O
188.14	195.11	383.24932	7.38	para-Fluoro Valerylfentanyl	Opioid	Fentalog	Parent	C24H31FN2O
262.16	121.09	383.24932	7.38	para-Fluoro Valerylfentanyl	Opioid	Fentalog	Parent	C24H31FN2O
299.19	84.06	383.24932	7.38	para-Fluoro Valerylfentanyl	Opioid	Fentalog	Parent	C24H31FN2O
383.25	0.00	383.24932	7.38	para-Fluoro Valerylfentanyl	Opioid	Fentalog	Parent	C24H31FN2O
105.07	248.13	353.2023	6.28	para-Fluoroacryl Fentanyl	Opioid	Fentalog	Parent	C22H25FN2O
150.07	203.13	353.2023	6.28	para-Fluoroacryl Fentanyl	Opioid	Fentalog	Parent	C22H25FN2O
188.14	165.06	353.2023	6.28	para-Fluoroacryl Fentanyl	Opioid	Fentalog	Parent	C22H25FN2O
232.11	121.09	353.2023	6.28	para-Fluoroacryl Fentanyl	Opioid	Fentalog	Parent	C22H25FN2O
353.2	0.00	353.2023	6.28	para-Fluoroacryl Fentanyl	Opioid	Fentalog	Parent	C22H25FN2O
105.07	264.16	369.2337	6.81	para-Fluorobutyryl Fentanyl	Opioid	Fentalog	Parent	C23H29FN2O
150.07	219.16	369.2337	6.81	para-Fluorobutyryl Fentanyl	Opioid	Fentalog	Parent	C23H29FN2O
188.14	181.09	369.2337	6.81	para-Fluorobutyryl Fentanyl	Opioid	Fentalog	Parent	C23H29FN2O
248.14	121.09	369.2337	6.81	para-Fluorobutyryl Fentanyl	Opioid	Fentalog	Parent	C23H29FN2O
369.23	0.00	369.2337	6.81	para-Fluorobutyryl Fentanyl	Opioid	Fentalog	Parent	C23H29FN2O
91.05	262.15	353.20237	6.33	para-Fluorocyclopropylbenzylfentanyl	Opioid	Fentalog	Precursor	C22H25FN2O
174.13	179.07	353.20237	6.33	para-Fluorocyclopropylbenzylfentanyl	Opioid	Fentalog	Precursor	C22H25FN2O
246.13	107.07	353.20237	6.33	para-Fluorocyclopropylbenzylfentanyl	Opioid	Fentalog	Precursor	C22H25FN2O
285.18	68.02	353.20237	6.33	para-Fluorocyclopropylbenzylfentanyl	Opioid	Fentalog	Precursor	C22H25FN2O
353.2	0.00	353.20237	6.33	para-Fluorocyclopropylbenzylfentanyl	Opioid	Fentalog	Precursor	C22H25FN2O
105.07	250.15	355.218	6.35	para-Fluorofentanyl	Opioid	Fentalog	Parent	C22H27FN2O
150.07	205.15	355.218	6.35	para-Fluorofentanyl	Opioid	Fentalog	Parent	C22H27FN2O
188.14	167.08	355.218	6.35	para-Fluorofentanyl	Opioid	Fentalog	Parent	C22H27FN2O
234.13	121.09	355.218	6.35	para-Fluorofentanyl	Opioid	Fentalog	Parent	C22H27FN2O
355.22	0.00	355.218	6.35	para-Fluorofentanyl	Opioid	Fentalog	Parent	C22H27FN2O
105.07	206.14	311.21179	5.59	para-Methoxy 4-ANPP	Opioid	Fentalog	Precursor	C20H26N2O

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
134.1	177.11	311.21179	5.59	para-Methoxy 4-ANPP	Opioid	Fentanyl	Precursor	C20H26N2O
150.09	161.12	311.21179	5.59	para-Methoxy 4-ANPP	Opioid	Fentanyl	Precursor	C20H26N2O
188.14	123.07	311.21179	5.59	para-Methoxy 4-ANPP	Opioid	Fentanyl	Precursor	C20H26N2O
311.21	0.00	311.21179	5.59	para-Methoxy 4-ANPP	Opioid	Fentanyl	Precursor	C20H26N2O
105.07	260.15	365.22235	6.34	para-Methoxy Acrylfentanyl	Opioid	Fentanyl	Parent	C23H28N2O2
162.09	203.13	365.22235	6.34	para-Methoxy Acrylfentanyl	Opioid	Fentanyl	Parent	C23H28N2O2
188.14	177.08	365.22235	6.34	para-Methoxy Acrylfentanyl	Opioid	Fentanyl	Parent	C23H28N2O2
244.13	121.09	365.22235	6.34	para-Methoxy Acrylfentanyl	Opioid	Fentanyl	Parent	C23H28N2O2
365.22	0.00	365.22235	6.34	para-Methoxy Acrylfentanyl	Opioid	Fentanyl	Parent	C23H28N2O2
105.07	262.17	367.238	6.45	para-Methoxy Fentanyl	Opioid	Fentanyl	Parent	C23H30N2O2
162.09	205.15	367.238	6.45	para-Methoxy Fentanyl	Opioid	Fentanyl	Parent	C23H30N2O2
188.14	179.10	367.238	6.45	para-Methoxy Fentanyl	Opioid	Fentanyl	Parent	C23H30N2O2
246.15	121.09	367.238	6.45	para-Methoxy Fentanyl	Opioid	Fentanyl	Parent	C23H30N2O2
367.24	0.00	367.238	6.45	para-Methoxy Fentanyl	Opioid	Fentanyl	Parent	C23H30N2O2
105.07	278.16	383.23292	5.86	para-Methoxy Methoxyacetylfentanyl	Opioid	Fentanyl	Parent	C23H30N2O3
134.1	249.13	383.23292	5.86	para-Methoxy Methoxyacetylfentanyl	Opioid	Fentanyl	Parent	C23H30N2O3
188.14	195.09	383.23292	5.86	para-Methoxy Methoxyacetylfentanyl	Opioid	Fentanyl	Parent	C23H30N2O3
262.14	121.09	383.23292	5.86	para-Methoxy Methoxyacetylfentanyl	Opioid	Fentanyl	Parent	C23H30N2O3
383.23	0.00	383.23292	5.86	para-Methoxy Methoxyacetylfentanyl	Opioid	Fentanyl	Parent	C23H30N2O3
105.07	248.15	353.2224	5.98	para-Methoxyacetyl Fentanyl	Opioid	Fentanyl	Parent	C22H28N2O2
162.09	191.13	353.2224	5.98	para-Methoxyacetyl Fentanyl	Opioid	Fentanyl	Parent	C22H28N2O2
188.14	165.08	353.2224	5.98	para-Methoxyacetyl Fentanyl	Opioid	Fentanyl	Parent	C22H28N2O2
232.13	121.09	353.2224	5.98	para-Methoxyacetyl Fentanyl	Opioid	Fentanyl	Parent	C22H28N2O2
353.22	0.00	353.2224	5.98	para-Methoxyacetyl Fentanyl	Opioid	Fentanyl	Parent	C22H28N2O2
105.07	244.16	349.22744	6.69	para-Methyl Acrylfentanyl	Opioid	Fentanyl	Parent	C23H28N2O
146.1	203.13	349.22744	6.69	para-Methyl Acrylfentanyl	Opioid	Fentanyl	Parent	C23H28N2O
188.14	161.09	349.22744	6.69	para-Methyl Acrylfentanyl	Opioid	Fentanyl	Parent	C23H28N2O
228.14	121.09	349.22744	6.69	para-Methyl Acrylfentanyl	Opioid	Fentanyl	Parent	C23H28N2O
349.23	0.00	349.22744	6.69	para-Methyl Acrylfentanyl	Opioid	Fentanyl	Parent	C23H28N2O
91.05	196.16	287.21179	6.06	para-Methyl AP-237	Opioid	Other	Parent	C18H26N2O
115.05	172.16	287.21179	6.06	para-Methyl AP-237	Opioid	Other	Parent	C18H26N2O
116.06	171.15	287.21179	6.06	para-Methyl AP-237	Opioid	Other	Parent	C18H26N2O
129.07	158.14	287.21179	6.06	para-Methyl AP-237	Opioid	Other	Parent	C18H26N2O
131.08	156.13	287.21179	6.06	para-Methyl AP-237	Opioid	Other	Parent	C18H26N2O
287.21	0.00	287.21179	6.06	para-Methyl AP-237	Opioid	Other	Parent	C18H26N2O
105.07	258.17	363.24309	7.01	para-Methyl Cyclopropylfentanyl	Opioid	Fentanyl	Parent	C24H30N2O
146.1	217.14	363.24309	7.01	para-Methyl Cyclopropylfentanyl	Opioid	Fentanyl	Parent	C24H30N2O
188.14	175.10	363.24309	7.01	para-Methyl Cyclopropylfentanyl	Opioid	Fentanyl	Parent	C24H30N2O
242.15	121.09	363.24309	7.01	para-Methyl Cyclopropylfentanyl	Opioid	Fentanyl	Parent	C24H30N2O
363.24	0.00	363.24309	7.01	para-Methyl Cyclopropylfentanyl	Opioid	Fentanyl	Parent	C24H30N2O
105.07	246.17	351.2431	6.8	para-Methyl Fentanyl	Opioid	Fentanyl	Parent	C23H30N2O
146.1	205.14	351.2431	6.8	para-Methyl Fentanyl	Opioid	Fentanyl	Parent	C23H30N2O
188.14	163.10	351.2431	6.8	para-Methyl Fentanyl	Opioid	Fentanyl	Parent	C23H30N2O
230.15	121.09	351.2431	6.8	para-Methyl Fentanyl	Opioid	Fentanyl	Parent	C23H30N2O
351.24	0.00	351.2431	6.8	para-Methyl Fentanyl	Opioid	Fentanyl	Parent	C23H30N2O
105.07	260.19	365.25874	7.2	para-Methyl Isobutyrylfentanyl	Opioid	Fentanyl	Parent	C24H32N2O



Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
188.14	177.12	365.25874	7.2	para-Methyl Isobutyrylfentanyl	Opioid	Fentalog	Parent	C24H32N2O
244.17	121.09	365.25874	7.2	para-Methyl Isobutyrylfentanyl	Opioid	Fentalog	Parent	C24H32N2O
295.22	70.04	365.25874	7.2	para-Methyl Isobutyrylfentanyl	Opioid	Fentalog	Parent	C24H32N2O
365.26	0.00	365.25874	7.2	para-Methyl Isobutyrylfentanyl	Opioid	Fentalog	Parent	C24H32N2O
105.07	288.18	393.25366	6.49	para-Methyl Tetrahydrofuranylfentanyl	Opioid	Fentalog	Parent	C25H32N2O2
134.1	259.15	393.25366	6.49	para-Methyl Tetrahydrofuranylfentanyl	Opioid	Fentalog	Parent	C25H32N2O2
146.1	247.15	393.25366	6.49	para-Methyl Tetrahydrofuranylfentanyl	Opioid	Fentalog	Parent	C25H32N2O2
188.14	205.11	393.25366	6.49	para-Methyl Tetrahydrofuranylfentanyl	Opioid	Fentalog	Parent	C25H32N2O2
393.25	0.00	393.25366	6.49	para-Methyl Tetrahydrofuranylfentanyl	Opioid	Fentalog	Parent	C25H32N2O2
105.07	232.16	337.2274	6.3	para-Methylacetyl Fentanyl	Opioid	Fentalog	Parent	C22H28N2O
134.1	203.13	337.2274	6.3	para-Methylacetyl Fentanyl	Opioid	Fentalog	Parent	C22H28N2O
146.1	191.13	337.2274	6.3	para-Methylacetyl Fentanyl	Opioid	Fentalog	Parent	C22H28N2O
188.14	149.09	337.2274	6.3	para-Methylacetyl Fentanyl	Opioid	Fentalog	Parent	C22H28N2O
216.14	121.09	337.2274	6.3	para-Methylacetyl Fentanyl	Opioid	Fentalog	Parent	C22H28N2O
337.23	0.00	337.2274	6.3	para-Methylacetyl Fentanyl	Opioid	Fentalog	Parent	C22H28N2O
105.07	294.17	399.24309	7.16	para-Toluoylfentanyl	Opioid	Fentalog	Parent	C27H30N2O
119.05	280.19	399.24309	7.16	para-Toluoylfentanyl	Opioid	Fentalog	Parent	C27H30N2O
188.14	211.10	399.24309	7.16	para-Toluoylfentanyl	Opioid	Fentalog	Parent	C27H30N2O
278.15	121.09	399.24309	7.16	para-Toluoylfentanyl	Opioid	Fentalog	Parent	C27H30N2O
399.24	0.00	399.24309	7.16	para-Toluoylfentanyl	Opioid	Fentalog	Parent	C27H30N2O
44.05	286.10	330.1499985	6.96	Paroxetine	Other Pharma	Antidepressant		C19H20FNO3
70.07	260.08	330.1499985	6.96	Paroxetine	Other Pharma	Antidepressant		C19H20FNO3
151.04	179.11	330.1499985	6.96	Paroxetine	Other Pharma	Antidepressant		C19H20FNO3
192.12	138.03	330.1499985	6.96	Paroxetine	Other Pharma	Antidepressant		C19H20FNO3
330.15	0.00	330.1499985	6.96	Paroxetine	Other Pharma	Antidepressant		C19H20FNO3
116.05	243.13	359.1754	10.12	PB-22	Synthetic Cannabinoid	Other	Parent	C23H22N2O2
144.04	215.14	359.1754	10.12	PB-22	Synthetic Cannabinoid	Other	Parent	C23H22N2O2
158.06	201.12	359.1754	10.12	PB-22	Synthetic Cannabinoid	Other	Parent	C23H22N2O2
214.12	145.06	359.1754	10.12	PB-22	Synthetic Cannabinoid	Other	Parent	C23H22N2O2
359.18	0.00	359.1754	10.12	PB-22	Synthetic Cannabinoid	Other	Parent	C23H22N2O2
118.07	114.06	232.13321	8.82	PB-22 3-Carboxyindole	Synthetic Cannabinoid	Other	Metabolite	C14H17NO2
132.08	100.05	232.13321	8.82	PB-22 3-Carboxyindole	Synthetic Cannabinoid	Other	Metabolite	C14H17NO2
188.14	43.99	232.13321	8.82	PB-22 3-Carboxyindole	Synthetic Cannabinoid	Other	Metabolite	C14H17NO2
214.12	18.01	232.13321	8.82	PB-22 3-Carboxyindole	Synthetic Cannabinoid	Other	Metabolite	C14H17NO2
232.13	0.00	232.13321	8.82	PB-22 3-Carboxyindole	Synthetic Cannabinoid	Other	Metabolite	C14H17NO2
69.07	217.15	286.2165412	5.78	Pentazocine	Opioid	Other	Parent	C19H27NO
173.07	113.15	286.2165412	5.78	Pentazocine	Opioid	Other	Parent	C19H27NO
175.11	111.11	286.2165412	5.78	Pentazocine	Opioid	Other	Parent	C19H27NO
218.15	68.07	286.2165412	5.78	Pentazocine	Opioid	Other	Parent	C19H27NO
286.22	0.00	286.2165412	5.78	Pentazocine	Opioid	Other	Parent	C19H27NO
91.05	101.09	192.1382908	4.76	Pentedrone	Stimulant	Cathinone		C12H17NO
130.06	62.08	192.1382908	4.76	Pentedrone	Stimulant	Cathinone		C12H17NO
131.07	61.07	192.1382908	4.76	Pentedrone	Stimulant	Cathinone		C12H17NO
132.08	60.06	192.1382908	4.76	Pentedrone	Stimulant	Cathinone		C12H17NO
144.08	48.06	192.1382908	4.76	Pentedrone	Stimulant	Cathinone		C12H17NO
192.14	0.00	192.1382908	4.76	Pentedrone	Stimulant	Cathinone		C12H17NO

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
175.07	61.06	236.1281201	4.98	Pentylone	Stimulant	Cathinone		C13H17NO3
188.11	48.02	236.1281201	4.98	Pentylone	Stimulant	Cathinone		C13H17NO3
205.09	31.04	236.1281201	4.98	Pentylone	Stimulant	Cathinone		C13H17NO3
218.12	18.01	236.1281201	4.98	Pentylone	Stimulant	Cathinone		C13H17NO3
236.13	0.00	236.1281201	4.98	Pentylone	Stimulant	Cathinone		C13H17NO3
100.07	304.09	404.1557887	7.74	Perphenazine	Other Pharma	Antipsychotic	Typical antipsychotic	C21H26ClN3OS
143.12	261.04	404.1557887	7.74	Perphenazine	Other Pharma	Antipsychotic	Typical antipsychotic	C21H26ClN3OS
171.15	233.01	404.1557887	7.74	Perphenazine	Other Pharma	Antipsychotic	Typical antipsychotic	C21H26ClN3OS
246.02	158.14	404.1557887	7.74	Perphenazine	Other Pharma	Antipsychotic	Typical antipsychotic	C21H26ClN3OS
404.16	0.00	404.1557887	7.74	Perphenazine	Other Pharma	Antipsychotic	Typical antipsychotic	C21H26ClN3OS
147.05	230.17	377.21833	7.63	PF-03550096	Synthetic Cannabinoid	Other	Parent	C19H28N4O4
203.12	174.10	377.21833	7.63	PF-03550096	Synthetic Cannabinoid	Other	Parent	C19H28N4O4
246.12	131.10	377.21833	7.63	PF-03550096	Synthetic Cannabinoid	Other	Parent	C19H28N4O4
314.19	63.03	377.21833	7.63	PF-03550096	Synthetic Cannabinoid	Other	Parent	C19H28N4O4
332.2	45.02	377.21833	7.63	PF-03550096	Synthetic Cannabinoid	Other	Parent	C19H28N4O4
377.22	0.00	377.21833	7.63	PF-03550096	Synthetic Cannabinoid	Other	Parent	C19H28N4O4
109.05	71.05	180.1019	5.72	Phenacetin	Other Pharma	Non-narcotic analgesic		C10H13NO2
110.06	70.04	180.1019	5.72	Phenacetin	Other Pharma	Non-narcotic analgesic		C10H13NO2
138.09	42.01	180.1019	5.72	Phenacetin	Other Pharma	Non-narcotic analgesic		C10H13NO2
152.07	28.03	180.1019	5.72	Phenacetin	Other Pharma	Non-narcotic analgesic		C10H13NO2
180.1	0.00	180.1019	5.72	Phenacetin	Other Pharma	Non-narcotic analgesic		C10H13NO2
183.98	164.99	348.9737784	7.86	Phenazepam	Benzodiazepine			C15H10BrClN2O
206.08	142.89	348.9737784	7.86	Phenazepam	Benzodiazepine			C15H10BrClN2O
242.06	106.91	348.9737784	7.86	Phenazepam	Benzodiazepine			C15H10BrClN2O
320.98	27.99	348.9737784	7.86	Phenazepam	Benzodiazepine			C15H10BrClN2O
348.97	0.00	348.9737784	7.86	Phenazepam	Benzodiazepine			C15H10BrClN2O
308.08	78.92	387.00066	7.62	Phenazolam	Benzodiazepine			C17H12BrClN4
358.98	28.02	387.00066	7.62	Phenazolam	Benzodiazepine			C17H12BrClN4
360.98	26.02	387.00066	7.62	Phenazolam	Benzodiazepine			C17H12BrClN4
387	0.00	387.00066	7.62	Phenazolam	Benzodiazepine			C17H12BrClN4
389	-2.00	387.00066	7.62	Phenazolam	Benzodiazepine			C17H12BrClN4
81.07	163.14	244.2059765	5.93	Phencyclidine (PCP)	Stimulant	Arylcyclohexylamine		C17H25N
86.1	158.11	244.2059765	5.93	Phencyclidine (PCP)	Stimulant	Arylcyclohexylamine		C17H25N
91.06	153.15	244.2059765	5.93	Phencyclidine (PCP)	Stimulant	Arylcyclohexylamine		C17H25N
117.07	127.14	244.2059765	5.93	Phencyclidine (PCP)	Stimulant	Arylcyclohexylamine		C17H25N
159.12	85.09	244.2059765	5.93	Phencyclidine (PCP)	Stimulant	Arylcyclohexylamine		C17H25N
244.21	0.00	244.2059765	5.93	Phencyclidine (PCP)	Stimulant	Arylcyclohexylamine		C17H25N
115.05	77.09	192.1382908	3.73	Phendimetrazine	Stimulant	Amphetamine		C12H17NO
117.07	75.07	192.1382908	3.73	Phendimetrazine	Stimulant	Amphetamine		C12H17NO
146.1	46.04	192.1382908	3.73	Phendimetrazine	Stimulant	Amphetamine		C12H17NO
148.11	44.03	192.1382908	3.73	Phendimetrazine	Stimulant	Amphetamine		C12H17NO
192.14	0.00	192.1382908	3.73	Phendimetrazine	Stimulant	Amphetamine		C12H17NO
105.07	280.19	385.26383	8.42	Phenethyl-4-ANPP	Opioid	Fentanyl	Precursor	C27H32N2
134.1	251.16	385.26383	8.42	Phenethyl-4-ANPP	Opioid	Fentanyl	Precursor	C27H32N2
188.14	197.12	385.26383	8.42	Phenethyl-4-ANPP	Opioid	Fentanyl	Precursor	C27H32N2
224.14	161.12	385.26383	8.42	Phenethyl-4-ANPP	Opioid	Fentanyl	Precursor	C27H32N2

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
385.26	0.00	385.26383	8.42	Phenethyl-4-ANPP	Opioid	Fentanyl	Precursor	C27H32N2
115.05	65.05	180.1019053	2.03	Phenibut	Other Pharma	Depressant		C10H13NO2
117.07	63.03	180.1019053	2.03	Phenibut	Other Pharma	Depressant		C10H13NO2
127.05	53.05	180.1019053	2.03	Phenibut	Other Pharma	Depressant		C10H13NO2
145.07	35.03	180.1019053	2.03	Phenibut	Other Pharma	Depressant		C10H13NO2
180.1	0.00	180.1019053	2.03	Phenibut	Other Pharma	Depressant		C10H13NO2
91.06	150.11	241.1699253	4.44	Pheniramine	Other Pharma	Antihistamine		C16H20N2
118.07	123.10	241.1699253	4.44	Pheniramine	Other Pharma	Antihistamine		C16H20N2
167.07	74.10	241.1699253	4.44	Pheniramine	Other Pharma	Antihistamine		C16H20N2
168.08	73.09	241.1699253	4.44	Pheniramine	Other Pharma	Antihistamine		C16H20N2
196.11	45.06	241.1699253	4.44	Pheniramine	Other Pharma	Antihistamine		C16H20N2
241.17	0.00	241.1699253	4.44	Pheniramine	Other Pharma	Antihistamine		C16H20N2
91.06	87.06	178.1226407	3.74	Phenmetrazine	Stimulant	Amphetamine		C11H15NO
115.05	63.07	178.1226407	3.74	Phenmetrazine	Stimulant	Amphetamine		C11H15NO
117.07	61.05	178.1226407	3.74	Phenmetrazine	Stimulant	Amphetamine		C11H15NO
134.1	44.02	178.1226407	3.74	Phenmetrazine	Stimulant	Amphetamine		C11H15NO
178.12	0.00	178.1226407	3.74	Phenmetrazine	Stimulant	Amphetamine		C11H15NO
41.04	109.09	150.12773	3.76	Phenpromethamine	Stimulant	Phenethylamine		C10H15N
65.04	85.09	150.12773	3.76	Phenpromethamine	Stimulant	Phenethylamine		C10H15N
91.05	59.08	150.12773	3.76	Phenpromethamine	Stimulant	Phenethylamine		C10H15N
119.09	31.04	150.12773	3.76	Phenpromethamine	Stimulant	Phenethylamine		C10H15N
150.13	0.00	150.12773	3.76	Phenpromethamine	Stimulant	Phenethylamine		C10H15N
58.03	132.06	190.0862552	5.63	Phensuximide	Other Pharma	Anticonvulsant	Succinimide	C11H11NO2
120.08	70.01	190.0862552	5.63	Phensuximide	Other Pharma	Anticonvulsant	Succinimide	C11H11NO2
131.05	59.04	190.0862552	5.63	Phensuximide	Other Pharma	Anticonvulsant	Succinimide	C11H11NO2
150.07	40.02	190.0862552	5.63	Phensuximide	Other Pharma	Anticonvulsant	Succinimide	C11H11NO2
190.09	0.00	190.0862552	5.63	Phensuximide	Other Pharma	Anticonvulsant	Succinimide	C11H11NO2
55.06	95.07	150.1277261	4.17	Phentermine	Stimulant	Amphetamine		C10H15N
65.04	85.09	150.1277261	4.17	Phentermine	Stimulant	Amphetamine		C10H15N
91.01	59.12	150.1277261	4.17	Phentermine	Stimulant	Amphetamine		C10H15N
105.07	45.06	150.1277261	4.17	Phentermine	Stimulant	Amphetamine		C10H15N
133.1	17.03	150.1277261	4.17	Phentermine	Stimulant	Amphetamine		C10H15N
150.13	0.00	150.1277261	4.17	Phentermine	Stimulant	Amphetamine		C10H15N
105.03	280.20	385.2274	6.78	Phenyl Fentanyl	Opioid	Fentanyl	Parent	C26H28N2O
134.1	251.13	385.2274	6.78	Phenyl Fentanyl	Opioid	Fentanyl	Parent	C26H28N2O
146.1	239.13	385.2274	6.78	Phenyl Fentanyl	Opioid	Fentanyl	Parent	C26H28N2O
188.14	197.09	385.2274	6.78	Phenyl Fentanyl	Opioid	Fentanyl	Parent	C26H28N2O
264.14	121.09	385.2274	6.78	Phenyl Fentanyl	Opioid	Fentanyl	Parent	C26H28N2O
385.23	0.00	385.2274	6.78	Phenyl Fentanyl	Opioid	Fentanyl	Parent	C26H28N2O
105.07	294.17	399.24309	7.3	Phenylacetyl Fentanyl	Opioid	Fentanyl	Parent	C27H30N2O
146.1	253.14	399.24309	7.3	Phenylacetyl Fentanyl	Opioid	Fentanyl	Parent	C27H30N2O
188.14	211.10	399.24309	7.3	Phenylacetyl Fentanyl	Opioid	Fentanyl	Parent	C27H30N2O
278.15	121.09	399.24309	7.3	Phenylacetyl Fentanyl	Opioid	Fentanyl	Parent	C27H30N2O
399.24	0.00	399.24309	7.3	Phenylacetyl Fentanyl	Opioid	Fentanyl	Parent	C27H30N2O
120.04	189.12	309.15975	8.69	Phenylbutazone	Other Pharma	Non-narcotic analgesic		C19H20N2O2
160.11	149.05	309.15975	8.69	Phenylbutazone	Other Pharma	Non-narcotic analgesic		C19H20N2O2

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
188.11	121.05	309.15975	8.69	Phenylbutazone	Other Pharma	Non-narcotic analgesic		C19H20N2O2
211.09	98.07	309.15975	8.69	Phenylbutazone	Other Pharma	Non-narcotic analgesic		C19H20N2O2
309.16	0.00	309.15975	8.69	Phenylbutazone	Other Pharma	Non-narcotic analgesic		C19H20N2O2
44.05	212.12	256.169591	6.67	Phenyltoloxamine	Other Pharma	Antihistamine		C17H21NO
70.07	186.10	256.169591	6.67	Phenyltoloxamine	Other Pharma	Antihistamine		C17H21NO
72.08	184.09	256.169591	6.67	Phenyltoloxamine	Other Pharma	Antihistamine		C17H21NO
133.07	123.10	256.169591	6.67	Phenyltoloxamine	Other Pharma	Antihistamine		C17H21NO
256.17	0.00	256.169591	6.67	Phenyltoloxamine	Other Pharma	Antihistamine		C17H21NO
104.05	149.05	253.0971543	6.71	Phenytoin	Other Pharma	Anticonvulsant		C15H12N2O2
132.04	121.06	253.0971543	6.71	Phenytoin	Other Pharma	Anticonvulsant		C15H12N2O2
182.1	71.00	253.0971543	6.71	Phenytoin	Other Pharma	Anticonvulsant		C15H12N2O2
225.1	28.00	253.0971543	6.71	Phenytoin	Other Pharma	Anticonvulsant		C15H12N2O2
253.1	0.00	253.0971543	6.71	Phenytoin	Other Pharma	Anticonvulsant		C15H12N2O2
97.01	207.11	304.11882	6.78	Piperidylthiambutene	Opioid	Other	Parent	C17H21NS2
111.03	193.09	304.11882	6.78	Piperidylthiambutene	Opioid	Other	Parent	C17H21NS2
135.03	169.09	304.11882	6.78	Piperidylthiambutene	Opioid	Other	Parent	C17H21NS2
185.04	119.08	304.11882	6.78	Piperidylthiambutene	Opioid	Other	Parent	C17H21NS2
219.03	85.09	304.11882	6.78	Piperidylthiambutene	Opioid	Other	Parent	C17H21NS2
304.12	0.00	304.11882	6.78	Piperidylthiambutene	Opioid	Other	Parent	C17H21NS2
57.07	308.19	365.25874	7.23	Pivaloylfentanyl	Opioid	Fentanyl	Parent	C24H32N2O
105.07	260.19	365.25874	7.23	Pivaloylfentanyl	Opioid	Fentanyl	Parent	C24H32N2O
188.14	177.12	365.25874	7.23	Pivaloylfentanyl	Opioid	Fentanyl	Parent	C24H32N2O
244.17	121.09	365.25874	7.23	Pivaloylfentanyl	Opioid	Fentanyl	Parent	C24H32N2O
365.26	0.00	365.25874	7.23	Pivaloylfentanyl	Opioid	Fentanyl	Parent	C24H32N2O
91.06	89.08	180.1382908	4.15	PMMA	Stimulant	Amphetamine		C11H17NO
93.07	87.07	180.1382908	4.15	PMMA	Stimulant	Amphetamine		C11H17NO
121.06	59.08	180.1382908	4.15	PMMA	Stimulant	Amphetamine		C11H17NO
149.1	31.04	180.1382908	4.15	PMMA	Stimulant	Amphetamine		C11H17NO
180.14	0.00	180.1382908	4.15	PMMA	Stimulant	Amphetamine		C11H17NO
98.06	172.16	270.2176039	2.44	Pramiracetam	Other Pharma	Nootropic		C14H27N3O2
128.14	142.08	270.2176039	2.44	Pramiracetam	Other Pharma	Nootropic		C14H27N3O2
169.1	101.12	270.2176039	2.44	Pramiracetam	Other Pharma	Nootropic		C14H27N3O2
228.17	42.05	270.2176039	2.44	Pramiracetam	Other Pharma	Nootropic		C14H27N3O2
270.22	0.00	270.2176039	2.44	Pramiracetam	Other Pharma	Nootropic		C14H27N3O2
107.05	272.15	379.2016195	6.78	Pravadoline (WIN-48,098)	Synthetic Cannabinoid	Other	Parent	C23H26N2O3
114.09	265.11	379.2016195	6.78	Pravadoline (WIN-48,098)	Synthetic Cannabinoid	Other	Parent	C23H26N2O3
134.64	244.56	379.2016195	6.78	Pravadoline (WIN-48,098)	Synthetic Cannabinoid	Other	Parent	C23H26N2O3
135.04	244.16	379.2016195	6.78	Pravadoline (WIN-48,098)	Synthetic Cannabinoid	Other	Parent	C23H26N2O3
379.2	0.00	379.2016195	6.78	Pravadoline (WIN-48,098)	Synthetic Cannabinoid	Other	Parent	C23H26N2O3
91.06	128.05	219.1128044	4.75	Primidone	Stimulant	Barbiturate		C12H14N2O2
106.07	113.04	219.1128044	4.75	Primidone	Stimulant	Barbiturate		C12H14N2O2
117.07	102.04	219.1128044	4.75	Primidone	Stimulant	Barbiturate		C12H14N2O2
119.09	100.02	219.1128044	4.75	Primidone	Stimulant	Barbiturate		C12H14N2O2
162.09	57.02	219.1128044	4.75	Primidone	Stimulant	Barbiturate		C12H14N2O2
219.11	0.00	219.1128044	4.75	Primidone	Stimulant	Barbiturate		C12H14N2O2
92.05	144.13	236.175739	1.97	Procainamide	Other Pharma	Anesthetic		C13H21N3O

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
100.11	136.07	236.175739	1.97	Procainamide	Other Pharma	Anesthetic		C13H21N3O
120.04	116.14	236.175739	1.97	Procainamide	Other Pharma	Anesthetic		C13H21N3O
163.09	73.09	236.175739	1.97	Procainamide	Other Pharma	Anesthetic		C13H21N3O
236.18	0.00	236.175739	1.97	Procainamide	Other Pharma	Anesthetic		C13H21N3O
70.07	304.08	374.145224	7.95	Prochlorperazine	Other Pharma	Antipsychotic	Typical antipsychotic	C20H24ClN3S
113.11	261.04	374.145224	7.95	Prochlorperazine	Other Pharma	Antipsychotic	Typical antipsychotic	C20H24ClN3S
141.14	233.01	374.145224	7.95	Prochlorperazine	Other Pharma	Antipsychotic	Typical antipsychotic	C20H24ClN3S
246.01	128.14	374.145224	7.95	Prochlorperazine	Other Pharma	Antipsychotic	Typical antipsychotic	C20H24ClN3S
374.15	0.00	374.145224	7.95	Prochlorperazine	Other Pharma	Antipsychotic	Typical antipsychotic	C20H24ClN3S
58.07	227.07	285.1419971	6.89	Promazine	Other Pharma	Antipsychotic	Typical antipsychotic	C17H20N2S
86.1	199.04	285.1419971	6.89	Promazine	Other Pharma	Antipsychotic	Typical antipsychotic	C17H20N2S
212.05	73.09	285.1419971	6.89	Promazine	Other Pharma	Antipsychotic	Typical antipsychotic	C17H20N2S
240.08	45.06	285.1419971	6.89	Promazine	Other Pharma	Antipsychotic	Typical antipsychotic	C17H20N2S
285.14	0.00	285.1419971	6.89	Promazine	Other Pharma	Antipsychotic	Typical antipsychotic	C17H20N2S
86.1	199.04	285.1419971	6.78	Promethazine	Other Pharma	Antihistamine		C17H20N2S
198.04	87.10	285.1419971	6.78	Promethazine	Other Pharma	Antihistamine		C17H20N2S
225.06	60.08	285.1419971	6.78	Promethazine	Other Pharma	Antihistamine		C17H20N2S
240.08	45.06	285.1419971	6.78	Promethazine	Other Pharma	Antihistamine		C17H20N2S
285.14	0.00	285.1419971	6.78	Promethazine	Other Pharma	Antihistamine		C17H20N2S
58.07	282.16	340.2271059	7.13	Propoxyphene	Opioid			C22H29NO2
91.06	249.17	340.2271059	7.13	Propoxyphene	Opioid			C22H29NO2
128.06	212.17	340.2271059	7.13	Propoxyphene	Opioid			C22H29NO2
143.09	197.14	340.2271059	7.13	Propoxyphene	Opioid			C22H29NO2
266.19	74.04	340.2271059	7.13	Propoxyphene	Opioid			C22H29NO2
340.23	0.00	340.2271059	7.13	Propoxyphene	Opioid			C22H29NO2
44.05	351.19	395.24415	7.51	PropylNitazene	Opioid	Nitazene	Parent	C23H30N4O2
72.08	323.16	395.24415	7.51	PropylNitazene	Opioid	Nitazene	Parent	C23H30N4O2
100.11	295.13	395.24415	7.51	PropylNitazene	Opioid	Nitazene	Parent	C23H30N4O2
133.1	262.14	395.24415	7.51	PropylNitazene	Opioid	Nitazene	Parent	C23H30N4O2
395.24	0.00	395.24415	7.51	PropylNitazene	Opioid	Nitazene	Parent	C23H30N4O2
146.06	90.07	236.1281	4.55	Propylone	Stimulant	Cathinone		C13H17NO3
160.11	76.02	236.1281	4.55	Propylone	Stimulant	Cathinone		C13H17NO3
175.06	61.07	236.1281	4.55	Propylone	Stimulant	Cathinone		C13H17NO3
188.11	48.02	236.1281	4.55	Propylone	Stimulant	Cathinone		C13H17NO3
218.12	18.01	236.1281	4.55	Propylone	Stimulant	Cathinone		C13H17NO3
236.13	0.00	236.1281	4.55	Propylone	Stimulant	Cathinone		C13H17NO3
172.96	184.19	357.1495	7.25	Propyl-U-47700	Opioid	Utopioid		C18H26Cl2N2O
189.98	167.17	357.1495	7.25	Propyl-U-47700	Opioid	Utopioid		C18H26Cl2N2O
232.03	125.12	357.1495	7.25	Propyl-U-47700	Opioid	Utopioid		C18H26Cl2N2O
312.09	45.06	357.1495	7.25	Propyl-U-47700	Opioid	Utopioid		C18H26Cl2N2O
357.15	0.00	357.1495	7.25	Propyl-U-47700	Opioid	Utopioid		C18H26Cl2N2O
44.05	322.20	366.25399	6.16	Protodesnitazene	Opioid	Nitazene	Parent	C23H31N3O
72.08	294.17	366.25399	6.16	Protodesnitazene	Opioid	Nitazene	Parent	C23H31N3O
100.11	266.14	366.25399	6.16	Protodesnitazene	Opioid	Nitazene	Parent	C23H31N3O
107.05	259.20	366.25399	6.16	Protodesnitazene	Opioid	Nitazene	Parent	C23H31N3O
366.25	0.00	366.25399	6.16	Protodesnitazene	Opioid	Nitazene	Parent	C23H31N3O

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
44.05	367.19	411.23907	7.19	Protonitazene	Opioid	Nitazene	Parent	C23H30N4O3
72.08	339.16	411.23907	7.19	Protonitazene	Opioid	Nitazene	Parent	C23H30N4O3
100.11	311.13	411.23907	7.19	Protonitazene	Opioid	Nitazene	Parent	C23H30N4O3
107.05	304.19	411.23907	7.19	Protonitazene	Opioid	Nitazene	Parent	C23H30N4O3
411.24	0.00	411.23907	7.19	Protonitazene	Opioid	Nitazene	Parent	C23H30N4O3
155.09	109.08	264.1746763	7.04	Protriptyline	Other Pharma	Antidepressant	Tricyclic antidepressant	C19H21N
177.07	87.10	264.1746763	7.04	Protriptyline	Other Pharma	Antidepressant	Tricyclic antidepressant	C19H21N
191.08	73.09	264.1746763	7.04	Protriptyline	Other Pharma	Antidepressant	Tricyclic antidepressant	C19H21N
233.13	31.04	264.1746763	7.04	Protriptyline	Other Pharma	Antidepressant	Tricyclic antidepressant	C19H21N
264.17	0.00	264.1746763	7.04	Protriptyline	Other Pharma	Antidepressant	Tricyclic antidepressant	C19H21N
91.05	276.14	367.19039	11.03	PSB-SB1202	Synthetic Cannabinoid	Other	Parent	C23H26O4
121.06	246.13	367.19039	11.03	PSB-SB1202	Synthetic Cannabinoid	Other	Parent	C23H26O4
203.07	164.12	367.19039	11.03	PSB-SB1202	Synthetic Cannabinoid	Other	Parent	C23H26O4
259.13	108.06	367.19039	11.03	PSB-SB1202	Synthetic Cannabinoid	Other	Parent	C23H26O4
367.19	0.00	367.19039	11.03	PSB-SB1202	Synthetic Cannabinoid	Other	Parent	C23H26O4
58.07	147.06	205.1335398	3	Psilocin	Hallucinogen	Tryptamine		C12H16N2O
87.05	118.08	205.1335398	3	Psilocin	Hallucinogen	Tryptamine		C12H16N2O
115.05	90.08	205.1335398	3	Psilocin	Hallucinogen	Tryptamine		C12H16N2O
149.02	56.11	205.1335398	3	Psilocin	Hallucinogen	Tryptamine		C12H16N2O
160.08	45.05	205.1335398	3	Psilocin	Hallucinogen	Tryptamine		C12H16N2O
205.13	0.00	205.1335398	3	Psilocin	Hallucinogen	Tryptamine		C12H16N2O
58.07	227.03	285.0998722	1.13	Psilocybin	Hallucinogen	Tryptamine		C12H17N2O4P
160.08	125.02	285.0998722	1.13	Psilocybin	Hallucinogen	Tryptamine		C12H17N2O4P
205.13	79.97	285.0998722	1.13	Psilocybin	Hallucinogen	Tryptamine		C12H17N2O4P
240.04	45.06	285.0998722	1.13	Psilocybin	Hallucinogen	Tryptamine		C12H17N2O4P
285.1	0.00	285.0998722	1.13	Psilocybin	Hallucinogen	Tryptamine		C12H17N2O4P
156.07	200.15	356.2155	8.57	PTI-1	Synthetic Cannabinoid	Other	Parent	C21H29N3S
213.05	143.17	356.2155	8.57	PTI-1	Synthetic Cannabinoid	Other	Parent	C21H29N3S
227.06	129.16	356.2155	8.57	PTI-1	Synthetic Cannabinoid	Other	Parent	C21H29N3S
283.13	73.09	356.2155	8.57	PTI-1	Synthetic Cannabinoid	Other	Parent	C21H29N3S
356.22	0.00	356.2155	8.57	PTI-1	Synthetic Cannabinoid	Other	Parent	C21H29N3S
186.04	214.20	400.24171	8.8	PTI-2	Synthetic Cannabinoid	Other	Parent	C23H33N3OS
213.05	187.19	400.24171	8.8	PTI-2	Synthetic Cannabinoid	Other	Parent	C23H33N3OS
227.06	173.18	400.24171	8.8	PTI-2	Synthetic Cannabinoid	Other	Parent	C23H33N3OS
283.13	117.11	400.24171	8.8	PTI-2	Synthetic Cannabinoid	Other	Parent	C23H33N3OS
400.24	0.00	400.24171	8.8	PTI-2	Synthetic Cannabinoid	Other	Parent	C23H33N3OS
116.05	280.16	396.20818	8.23	PX1	Synthetic Cannabinoid	Other	Parent	C23H26FN3O2
144.04	252.17	396.20818	8.23	PX1	Synthetic Cannabinoid	Other	Parent	C23H26FN3O2
232.11	164.10	396.20818	8.23	PX1	Synthetic Cannabinoid	Other	Parent	C23H26FN3O2
379.18	17.03	396.20818	8.23	PX1	Synthetic Cannabinoid	Other	Parent	C23H26FN3O2
396.21	0.00	396.20818	8.23	PX1	Synthetic Cannabinoid	Other	Parent	C23H26FN3O2
145.04	252.16	397.20343	8.46	PX2	Synthetic Cannabinoid	Other	Parent	C22H25FN4O2
177.05	220.15	397.20343	8.46	PX2	Synthetic Cannabinoid	Other	Parent	C22H25FN4O2
213.1	184.10	397.20343	8.46	PX2	Synthetic Cannabinoid	Other	Parent	C22H25FN4O2
233.11	164.09	397.20343	8.46	PX2	Synthetic Cannabinoid	Other	Parent	C22H25FN4O2
352.18	45.02	397.20343	8.46	PX2	Synthetic Cannabinoid	Other	Parent	C22H25FN4O2

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
397.2	0.00	397.20343	8.46	PX2	Synthetic Cannabinoid	Other	Parent	C22H25FN4O2
167.07	186.96	354.0348	6.18	Pyrazolam	Benzodiazepine			C16H12BrN5
206.08	147.95	354.0348	6.18	Pyrazolam	Benzodiazepine			C16H12BrN5
285	69.03	354.0348	6.18	Pyrazolam	Benzodiazepine			C16H12BrN5
326.02	28.01	354.0348	6.18	Pyrazolam	Benzodiazepine			C16H12BrN5
354.03	0.00	354.0348	6.18	Pyrazolam	Benzodiazepine			C16H12BrN5
77.04	209.15	286.1913891	5.69	Pyrilamine	Other Pharma	Antihistamine		C17H23N3O
91.06	195.13	286.1913891	5.69	Pyrilamine	Other Pharma	Antihistamine		C17H23N3O
121.06	165.13	286.1913891	5.69	Pyrilamine	Other Pharma	Antihistamine		C17H23N3O
241.13	45.06	286.1913891	5.69	Pyrilamine	Other Pharma	Antihistamine		C17H23N3O
286.19	0.00	286.1913891	5.69	Pyrilamine	Other Pharma	Antihistamine		C17H23N3O
105.07	141.12	246.1852411	5.86	Pyrovalerone	Stimulant	Cathinone		C16H23NO
119.05	127.14	246.1852411	5.86	Pyrovalerone	Stimulant	Cathinone		C16H23NO
126.13	120.06	246.1852411	5.86	Pyrovalerone	Stimulant	Cathinone		C16H23NO
175.11	71.08	246.1852411	5.86	Pyrovalerone	Stimulant	Cathinone		C16H23NO
246.19	0.00	246.1852411	5.86	Pyrovalerone	Stimulant	Cathinone		C16H23NO
84.08	325.14	409.22342	6.65	Pyrrolidino Variant Etonitazene	Opioid	Nitazene	Parent	C23H28N4O3
107.05	302.17	409.22342	6.65	Pyrrolidino Variant Etonitazene	Opioid	Nitazene	Parent	C23H28N4O3
112.11	297.11	409.22342	6.65	Pyrrolidino Variant Etonitazene	Opioid	Nitazene	Parent	C23H28N4O3
135.08	274.14	409.22342	6.65	Pyrrolidino Variant Etonitazene	Opioid	Nitazene	Parent	C23H28N4O3
409.22	0.00	409.22342	6.65	Pyrrolidino Variant Etonitazene	Opioid	Nitazene	Parent	C23H28N4O3
210.04	174.13	384.1740256	6.43	Quetiapine	Other Pharma	Antipsychotic	Atypical antipsychotic	C21H25N3O2S
221.11	163.06	384.1740256	6.43	Quetiapine	Other Pharma	Antipsychotic	Atypical antipsychotic	C21H25N3O2S
253.08	131.09	384.1740256	6.43	Quetiapine	Other Pharma	Antipsychotic	Atypical antipsychotic	C21H25N3O2S
279.1	105.07	384.1740256	6.43	Quetiapine	Other Pharma	Antipsychotic	Atypical antipsychotic	C21H25N3O2S
384.17	0.00	384.1740256	6.43	Quetiapine	Other Pharma	Antipsychotic	Atypical antipsychotic	C21H25N3O2S
160.08	165.11	325.1910548	4.87	Quinidine	Other Pharma		Antiarrhythmic	C20H24N2O2
184.08	141.11	325.1910548	4.87	Quinidine	Other Pharma		Antiarrhythmic	C20H24N2O2
253.13	72.06	325.1910548	4.87	Quinidine	Other Pharma		Antiarrhythmic	C20H24N2O2
307.18	18.01	325.1910548	4.87	Quinidine	Other Pharma		Antiarrhythmic	C20H24N2O2
325.19	0.00	325.1910548	4.87	Quinidine	Other Pharma		Antiarrhythmic	C20H24N2O2
160.08	165.11	325.1910548	5.01	Quinine	Other Pharma			C20H24N2O2
184.08	141.11	325.1910548	5.01	Quinine	Other Pharma			C20H24N2O2
253.13	72.06	325.1910548	5.01	Quinine	Other Pharma			C20H24N2O2
307.18	18.01	325.1910548	5.01	Quinine	Other Pharma			C20H24N2O2
325.19	0.00	325.1910548	5.01	Quinine	Other Pharma			C20H24N2O2
133.07	127.09	260.1645056	7.35	Ramelteon	Other Pharma	Depressant		C16H21NO2
159.08	101.08	260.1645056	7.35	Ramelteon	Other Pharma	Depressant		C16H21NO2
187.11	73.05	260.1645056	7.35	Ramelteon	Other Pharma	Depressant		C16H21NO2
204.14	56.02	260.1645056	7.35	Ramelteon	Other Pharma	Depressant		C16H21NO2
260.16	0.00	260.1645056	7.35	Ramelteon	Other Pharma	Depressant		C16H21NO2
107.05	215.13	322.1802	9.98	RCS-4	Synthetic Cannabinoid	Other	Parent	C21H23NO2
135.04	187.14	322.1802	9.98	RCS-4	Synthetic Cannabinoid	Other	Parent	C21H23NO2
144.04	178.14	322.1802	9.98	RCS-4	Synthetic Cannabinoid	Other	Parent	C21H23NO2
214.12	108.06	322.1802	9.98	RCS-4	Synthetic Cannabinoid	Other	Parent	C21H23NO2
322.18	0.00	322.1802	9.98	RCS-4	Synthetic Cannabinoid	Other	Parent	C21H23NO2

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
77.04	231.12	308.1645	9.57	RCS-4 C4 Homolog	Synthetic Cannabinoid	Other	Parent	C20H21NO2
107.05	201.11	308.1645	9.57	RCS-4 C4 Homolog	Synthetic Cannabinoid	Other	Parent	C20H21NO2
135.04	173.12	308.1645	9.57	RCS-4 C4 Homolog	Synthetic Cannabinoid	Other	Parent	C20H21NO2
200.11	108.05	308.1645	9.57	RCS-4 C4 Homolog	Synthetic Cannabinoid	Other	Parent	C20H21NO2
308.16	0.00	308.1645	9.57	RCS-4 C4 Homolog	Synthetic Cannabinoid	Other	Parent	C20H21NO2
308.17	-0.01	308.1645	9.57	RCS-4 C4 Homolog	Synthetic Cannabinoid	Other	Parent	C20H21NO2
121.06	255.17	376.2271059	10.68	RCS-8	Synthetic Cannabinoid	Other	Parent	C25H29NO2
240.17	136.06	376.2271059	10.68	RCS-8	Synthetic Cannabinoid	Other	Parent	C25H29NO2
343.19	33.04	376.2271059	10.68	RCS-8	Synthetic Cannabinoid	Other	Parent	C25H29NO2
354.15	22.08	376.2271059	10.68	RCS-8	Synthetic Cannabinoid	Other	Parent	C25H29NO2
376.23	0.00	376.2271059	10.68	RCS-8	Synthetic Cannabinoid	Other	Parent	C25H29NO2
113.06	250.13	363.1914	5.21	Remifentanyl Acid	Opioid	Fentanyl	Metabolite	C23H29ClN2O
146.1	217.09	363.1914	5.21	Remifentanyl Acid	Opioid	Fentanyl	Metabolite	C23H29ClN2O
214.11	149.08	363.1914	5.21	Remifentanyl Acid	Opioid	Fentanyl	Metabolite	C23H29ClN2O
247.14	116.05	363.1914	5.21	Remifentanyl Acid	Opioid	Fentanyl	Metabolite	C23H29ClN2O
259.18	104.01	363.1914	5.21	Remifentanyl Acid	Opioid	Fentanyl	Metabolite	C23H29ClN2O
363.19	0.00	363.1914	5.21	Remifentanyl Acid	Opioid	Fentanyl	Metabolite	C23H29ClN2O
344	131.10	475.10467	6.58	Rilmazafone	Benzodiazepine		Precursor	C21H20Cl2N6O3
389.06	86.04	475.10467	6.58	Rilmazafone	Benzodiazepine		Precursor	C21H20Cl2N6O3
418.08	57.02	475.10467	6.58	Rilmazafone	Benzodiazepine		Precursor	C21H20Cl2N6O3
458.07	17.03	475.10467	6.58	Rilmazafone	Benzodiazepine		Precursor	C21H20Cl2N6O3
475.1	0.00	475.10467	6.58	Rilmazafone	Benzodiazepine		Precursor	C21H20Cl2N6O3
110.06	301.16	411.2190811	5.78	Risperidone	Other Pharma	Antipsychotic	Atypical antipsychotic	C23H27FN4O2
163.12	248.10	411.2190811	5.78	Risperidone	Other Pharma	Antipsychotic	Atypical antipsychotic	C23H27FN4O2
190.54	220.68	411.2190811	5.78	Risperidone	Other Pharma	Antipsychotic	Atypical antipsychotic	C23H27FN4O2
191.12	220.10	411.2190811	5.78	Risperidone	Other Pharma	Antipsychotic	Atypical antipsychotic	C23H27FN4O2
411.22	0.00	411.2190811	5.78	Risperidone	Other Pharma	Antipsychotic	Atypical antipsychotic	C23H27FN4O2
72.08	158.11	230.19033	5.8	Rolicyclidine	Stimulant	Arylcyclohexylamine		C16H23N
81.07	149.12	230.19033	5.8	Rolicyclidine	Stimulant	Arylcyclohexylamine		C16H23N
91.05	139.14	230.19033	5.8	Rolicyclidine	Stimulant	Arylcyclohexylamine		C16H23N
117.07	113.12	230.19033	5.8	Rolicyclidine	Stimulant	Arylcyclohexylamine		C16H23N
159.12	71.07	230.19033	5.8	Rolicyclidine	Stimulant	Arylcyclohexylamine		C16H23N
230.19	0.00	230.19033	5.8	Rolicyclidine	Stimulant	Arylcyclohexylamine		C16H23N
84.08	191.13	275.2117902	5.25	Ropivacaine	Other Pharma	Anesthetic	Amino amide	C17H26N2O
98.1	177.11	275.2117902	5.25	Ropivacaine	Other Pharma	Anesthetic	Amino amide	C17H26N2O
126.13	149.08	275.2117902	5.25	Ropivacaine	Other Pharma	Anesthetic	Amino amide	C17H26N2O
150.09	125.12	275.2117902	5.25	Ropivacaine	Other Pharma	Anesthetic	Amino amide	C17H26N2O
275.21	0.00	275.2117902	5.25	Ropivacaine	Other Pharma	Anesthetic	Amino amide	C17H26N2O
295.13	138.06	433.1856947	7.98	Salvinorin A	Opioid	Terpenoid		C23H28O8
313.14	120.05	433.1856947	7.98	Salvinorin A	Opioid	Terpenoid		C23H28O8
323.13	110.06	433.1856947	7.98	Salvinorin A	Opioid	Terpenoid		C23H28O8
355.15	78.04	433.1856947	7.98	Salvinorin A	Opioid	Terpenoid		C23H28O8
373.17	60.02	433.1856947	7.98	Salvinorin A	Opioid	Terpenoid		C23H28O8
433.19	0.00	433.1856947	7.98	Salvinorin A	Opioid	Terpenoid		C23H28O8
145.1	246.08	391.17513	6.81	Salvinorin B	Opioid	Terpenoid		C21H26O7
149.02	242.16	391.17513	6.81	Salvinorin B	Opioid	Terpenoid		C21H26O7



Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
167.03	224.15	391.17513	6.81	Salvinorin B	Opioid	Terpenoid		C21H26O7
251.13	140.05	391.17513	6.81	Salvinorin B	Opioid	Terpenoid		C21H26O7
258.07	133.11	391.17513	6.81	Salvinorin B	Opioid	Terpenoid		C21H26O7
391.18	0.00	391.17513	6.81	Salvinorin B	Opioid	Terpenoid		C21H26O7
91.05	230.15	321.19614	9.53	SBD-006	Synthetic Cannabinoid	Other	Parent	C21H24N2O
132.08	189.12	321.19614	9.53	SBD-006	Synthetic Cannabinoid	Other	Parent	C21H24N2O
188.14	133.06	321.19614	9.53	SBD-006	Synthetic Cannabinoid	Other	Parent	C21H24N2O
214.12	107.08	321.19614	9.53	SBD-006	Synthetic Cannabinoid	Other	Parent	C21H24N2O
321.2	0.00	321.19614	9.53	SBD-006	Synthetic Cannabinoid	Other	Parent	C21H24N2O
111.12	193.03	304.1543349	3.76	Scopolamine	Stimulant			C17H21NO4
121.07	183.08	304.1543349	3.76	Scopolamine	Stimulant			C17H21NO4
138.09	166.06	304.1543349	3.76	Scopolamine	Stimulant			C17H21NO4
156.1	148.05	304.1543349	3.76	Scopolamine	Stimulant			C17H21NO4
304.15	0.00	304.1543349	3.76	Scopolamine	Stimulant			C17H21NO4
304.16	-0.01	304.1543349	3.76	Scopolamine	Stimulant			C17H21NO4
43.05	316.13	359.1754	10.74	SDB-005	Synthetic Cannabinoid	Other	Parent	C23H22N2O2
117.04	242.14	359.1754	10.74	SDB-005	Synthetic Cannabinoid	Other	Parent	C23H22N2O2
145.04	214.14	359.1754	10.74	SDB-005	Synthetic Cannabinoid	Other	Parent	C23H22N2O2
215.12	144.06	359.1754	10.74	SDB-005	Synthetic Cannabinoid	Other	Parent	C23H22N2O2
359.18	0.00	359.1754	10.74	SDB-005	Synthetic Cannabinoid	Other	Parent	C23H22N2O2
132.08	175.10	307.18049	9.63	SDB-006 N-Phenyl Analogue	Synthetic Cannabinoid	Other	Parent	C20H22N2O
144.04	163.14	307.18049	9.63	SDB-006 N-Phenyl Analogue	Synthetic Cannabinoid	Other	Parent	C20H22N2O
188.14	119.04	307.18049	9.63	SDB-006 N-Phenyl Analogue	Synthetic Cannabinoid	Other	Parent	C20H22N2O
214.12	93.06	307.18049	9.63	SDB-006 N-Phenyl Analogue	Synthetic Cannabinoid	Other	Parent	C20H22N2O
307.18	0.00	307.18049	9.63	SDB-006 N-Phenyl Analogue	Synthetic Cannabinoid	Other	Parent	C20H22N2O
44.05	381.20	425.25472	7.45	sec-Butonitazene	Opioid	Nitazene	Parent	C24H32N4O3
72.08	353.17	425.25472	7.45	sec-Butonitazene	Opioid	Nitazene	Parent	C24H32N4O3
100.11	325.14	425.25472	7.45	sec-Butonitazene	Opioid	Nitazene	Parent	C24H32N4O3
107.05	318.20	425.25472	7.45	sec-Butonitazene	Opioid	Nitazene	Parent	C24H32N4O3
425.25	0.00	425.25472	7.45	sec-Butonitazene	Opioid	Nitazene	Parent	C24H32N4O3
83.05	280.19	363.24309	6.88	Senecioid Fentanyl	Opioid	Fentanyl	Parent	C24H30N2O
105.07	258.17	363.24309	6.88	Senecioid Fentanyl	Opioid	Fentanyl	Parent	C24H30N2O
188.14	175.10	363.24309	6.88	Senecioid Fentanyl	Opioid	Fentanyl	Parent	C24H30N2O
281.2	82.04	363.24309	6.88	Senecioid Fentanyl	Opioid	Fentanyl	Parent	C24H30N2O
363.24	0.00	363.24309	6.88	Senecioid Fentanyl	Opioid	Fentanyl	Parent	C24H30N2O
107.08	328.22	435.30061	11.58	SER-601	Synthetic Cannabinoid	Other	Parent	C28H38N2O2
135.12	300.18	435.30061	11.58	SER-601	Synthetic Cannabinoid	Other	Parent	C28H38N2O2
284.17	151.13	435.30061	11.58	SER-601	Synthetic Cannabinoid	Other	Parent	C28H38N2O2
417.29	18.01	435.30061	11.58	SER-601	Synthetic Cannabinoid	Other	Parent	C28H38N2O2
435.3	0.00	435.30061	11.58	SER-601	Synthetic Cannabinoid	Other	Parent	C28H38N2O2
129.07	177.01	306.0810816	7.59	Sertraline	Other Pharma	Antidepressant		C17H17Cl2N
158.98	147.10	306.0810816	7.59	Sertraline	Other Pharma	Antidepressant		C17H17Cl2N
205.1	100.98	306.0810816	7.59	Sertraline	Other Pharma	Antidepressant		C17H17Cl2N
240.07	66.01	306.0810816	7.59	Sertraline	Other Pharma	Antidepressant		C17H17Cl2N
275.04	31.04	306.0810816	7.59	Sertraline	Other Pharma	Antidepressant		C17H17Cl2N
306.08	0.00	306.0810816	7.59	Sertraline	Other Pharma	Antidepressant		C17H17Cl2N

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
125.01	155.17	280.1826543	7.49	Sibutramine	Stimulant	Phenethylamine		C17H26CIN
139.03	141.15	280.1826543	7.49	Sibutramine	Stimulant	Phenethylamine		C17H26CIN
151.03	129.15	280.1826543	7.49	Sibutramine	Stimulant	Phenethylamine		C17H26CIN
153.05	127.13	280.1826543	7.49	Sibutramine	Stimulant	Phenethylamine		C17H26CIN
179.06	101.12	280.1826543	7.49	Sibutramine	Stimulant	Phenethylamine		C17H26CIN
280.18	0.00	280.1826543	7.49	Sibutramine	Stimulant	Phenethylamine		C17H26CIN
58.07	417.14	475.2122021	6.69	Sildenafil	Other Pharma			C22H30N6O4S
100.1	375.11	475.2122021	6.69	Sildenafil	Other Pharma			C22H30N6O4S
283.12	192.09	475.2122021	6.69	Sildenafil	Other Pharma			C22H30N6O4S
311.15	164.06	475.2122021	6.69	Sildenafil	Other Pharma			C22H30N6O4S
475.21	0.00	475.2122021	6.69	Sildenafil	Other Pharma			C22H30N6O4S
184.08	151.10	335.1754047	4.34	Strychnine	Unknown			C21H22N2O2
222.09	113.09	335.1754047	4.34	Strychnine	Unknown			C21H22N2O2
307.15	28.03	335.1754047	4.34	Strychnine	Unknown			C21H22N2O2
335.18	0.00	335.1754047	4.34	Strychnine	Unknown			C21H22N2O2
364.1	-28.92	335.1754047	4.34	Strychnine	Unknown			C21H22N2O2
107.09	276.16	383.2493	10.25	STS-135	Synthetic Cannabinoid	Other	Parent	C24H31FN2O
135.12	248.13	383.2493	10.25	STS-135	Synthetic Cannabinoid	Other	Parent	C24H31FN2O
206.13	177.12	383.2493	10.25	STS-135	Synthetic Cannabinoid	Other	Parent	C24H31FN2O
232.11	151.14	383.2493	10.25	STS-135	Synthetic Cannabinoid	Other	Parent	C24H31FN2O
383.25	0.00	383.2493	10.25	STS-135	Synthetic Cannabinoid	Other	Parent	C24H31FN2O
111.03	276.18	387.2100768	6.89	Sufentanil	Opioid	Fentanyl	Parent	C22H30N2O2S
140.11	247.10	387.2100768	6.89	Sufentanil	Opioid	Fentanyl	Parent	C22H30N2O2S
238.13	149.08	387.2100768	6.89	Sufentanil	Opioid	Fentanyl	Parent	C22H30N2O2S
355.18	32.03	387.2100768	6.89	Sufentanil	Opioid	Fentanyl	Parent	C22H30N2O2S
387.21	0.00	387.2100768	6.89	Sufentanil	Opioid	Fentanyl	Parent	C22H30N2O2S
104.05	347.11	451.16438	9.44	Suvorexant	Other Pharma	Depressant		C23H23CIN6O2
132.04	319.12	451.16438	9.44	Suvorexant	Other Pharma	Depressant		C23H23CIN6O2
159.06	292.10	451.16438	9.44	Suvorexant	Other Pharma	Depressant		C23H23CIN6O2
186.07	265.09	451.16438	9.44	Suvorexant	Other Pharma	Depressant		C23H23CIN6O2
451.16	0.00	451.16438	9.44	Suvorexant	Other Pharma	Depressant		C23H23CIN6O2
121.07	269.07	390.1448328	7.39	Tadalafil	Other Pharma			C22H19N3O4
262.09	128.05	390.1448328	7.39	Tadalafil	Other Pharma			C22H19N3O4
268.11	122.03	390.1448328	7.39	Tadalafil	Other Pharma			C22H19N3O4
380.09	10.05	390.1448328	7.39	Tadalafil	Other Pharma			C22H19N3O4
390.14	0.00	390.1448328	7.39	Tadalafil	Other Pharma			C22H19N3O4
148.09	261.09	409.17917	5.71	Tamsulosin	Other Pharma			C20H28N2O5S
200.04	209.14	409.17917	5.71	Tamsulosin	Other Pharma			C20H28N2O5S
228.07	181.11	409.17917	5.71	Tamsulosin	Other Pharma			C20H28N2O5S
271.11	138.07	409.17917	5.71	Tamsulosin	Other Pharma			C20H28N2O5S
409.18	0.00	409.17917	5.71	Tamsulosin	Other Pharma			C20H28N2O5S
77.04	145.15	222.1852411	5.16	Tapentadol	Opioid	Other	Parent	C14H23NO
107.05	115.14	222.1852411	5.16	Tapentadol	Opioid	Other	Parent	C14H23NO
121.07	101.12	222.1852411	5.16	Tapentadol	Opioid	Other	Parent	C14H23NO
135.08	87.11	222.1852411	5.16	Tapentadol	Opioid	Other	Parent	C14H23NO
222.19	0.00	222.1852411	5.16	Tapentadol	Opioid	Other	Parent	C14H23NO

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
193.09	107.98	301.073832	7.6	Temazepam	Benzodiazepine			C16H13ClN2O2
228.06	73.01	301.073832	7.6	Temazepam	Benzodiazepine			C16H13ClN2O2
255.07	46.00	301.073832	7.6	Temazepam	Benzodiazepine			C16H13ClN2O2
283.06	18.01	301.073832	7.6	Temazepam	Benzodiazepine			C16H13ClN2O2
301.07	0.00	301.073832	7.6	Temazepam	Benzodiazepine			C16H13ClN2O2
81.07	169.09	250.1624	5.75	Tenocyclidine	Stimulant	Arylcyclohexylamine		C15H23NS
86.1	164.06	250.1624	5.75	Tenocyclidine	Stimulant	Arylcyclohexylamine		C15H23NS
97.01	153.15	250.1624	5.75	Tenocyclidine	Stimulant	Arylcyclohexylamine		C15H23NS
123.03	127.13	250.1624	5.75	Tenocyclidine	Stimulant	Arylcyclohexylamine		C15H23NS
165.07	85.09	250.1624	5.75	Tenocyclidine	Stimulant	Arylcyclohexylamine		C15H23NS
250.16	0.00	250.1624	5.75	Tenocyclidine	Stimulant	Arylcyclohexylamine		C15H23NS
118.07	132.07	250.1438	4.94	Tertylone	Stimulant	Cathinone		C14H19NO3
146.06	104.08	250.1438	4.94	Tertylone	Stimulant	Cathinone		C14H19NO3
176.07	74.07	250.1438	4.94	Tertylone	Stimulant	Cathinone		C14H19NO3
194.08	56.06	250.1438	4.94	Tertylone	Stimulant	Cathinone		C14H19NO3
250.14	0.00	250.1438	4.94	Tertylone	Stimulant	Cathinone		C14H19NO3
250.15	-0.01	250.1438	4.94	Tertylone	Stimulant	Cathinone		C14H19NO3
105.07	274.17	379.238	5.9	Tetrahydrofuran Fentanyl	Opioid	Fentalog	Parent	C24H30N2O2
134.1	245.14	379.238	5.9	Tetrahydrofuran Fentanyl	Opioid	Fentalog	Parent	C24H30N2O2
188.14	191.10	379.238	5.9	Tetrahydrofuran Fentanyl	Opioid	Fentalog	Parent	C24H30N2O2
285.15	94.09	379.238	5.9	Tetrahydrofuran Fentanyl	Opioid	Fentalog	Parent	C24H30N2O2
379.24	0.00	379.238	5.9	Tetrahydrofuran Fentanyl	Opioid	Fentalog	Parent	C24H30N2O2
105.07	290.15	395.21516	6.72	Tetrahydrothiophene Fentanyl	Opioid	Fentalog	Parent	C24H30N2OS
134.1	261.12	395.21516	6.72	Tetrahydrothiophene Fentanyl	Opioid	Fentalog	Parent	C24H30N2OS
188.14	207.08	395.21516	6.72	Tetrahydrothiophene Fentanyl	Opioid	Fentalog	Parent	C24H30N2OS
274.12	121.10	395.21516	6.72	Tetrahydrothiophene Fentanyl	Opioid	Fentalog	Parent	C24H30N2OS
395.21	0.01	395.21516	6.72	Tetrahydrothiophene Fentanyl	Opioid	Fentalog	Parent	C24H30N2OS
395.22	0.00	395.21516	6.72	Tetrahydrothiophene Fentanyl	Opioid	Fentalog	Parent	C24H30N2OS
71.06	130.08	201.1386252	4.23	Tetrahydrozoline	Other Pharma			C13H16N2
91.05	110.09	201.1386252	4.23	Tetrahydrozoline	Other Pharma			C13H16N2
131.09	70.05	201.1386252	4.23	Tetrahydrozoline	Other Pharma			C13H16N2
173.11	28.03	201.1386252	4.23	Tetrahydrozoline	Other Pharma			C13H16N2
201.14	0.00	201.1386252	4.23	Tetrahydrozoline	Other Pharma			C13H16N2
97.1	308.19	405.29	8.21	Tetramethylcyclopropyl Fentanyl	Opioid	Fentalog	Parent	C27H36N2O
105.07	300.22	405.29	8.21	Tetramethylcyclopropyl Fentanyl	Opioid	Fentalog	Parent	C27H36N2O
125.1	280.19	405.29	8.21	Tetramethylcyclopropyl Fentanyl	Opioid	Fentalog	Parent	C27H36N2O
188.14	217.15	405.29	8.21	Tetramethylcyclopropyl Fentanyl	Opioid	Fentalog	Parent	C27H36N2O
281.2	124.09	405.29	8.21	Tetramethylcyclopropyl Fentanyl	Opioid	Fentalog	Parent	C27H36N2O
405.29	0.00	405.29	8.21	Tetramethylcyclopropyl Fentanyl	Opioid	Fentalog	Parent	C27H36N2O
77.04	154.07	231.1103598	5.67	TFMPP	Stimulant	Piperazine		C11H13F3N2
141	90.11	231.1103598	5.67	TFMPP	Stimulant	Piperazine		C11H13F3N2
158.03	73.08	231.1103598	5.67	TFMPP	Stimulant	Piperazine		C11H13F3N2
188.07	43.04	231.1103598	5.67	TFMPP	Stimulant	Piperazine		C11H13F3N2
231.11	0.00	231.1103598	5.67	TFMPP	Stimulant	Piperazine		C11H13F3N2
123.04	192.19	315.231857	10.92	THC	Cannabinoid	Phytocannabinoid		C21H30O2
135.12	180.11	315.231857	10.92	THC	Cannabinoid	Phytocannabinoid		C21H30O2

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
193.12	122.11	315.231857	10.92	THC	Cannabinoid	Phytocannabinoid		C21H30O2
259.17	56.06	315.231857	10.92	THC	Cannabinoid	Phytocannabinoid		C21H30O2
315.23	0.00	315.231857	10.92	THC	Cannabinoid	Phytocannabinoid		C21H30O2
259.1	100.12	359.2216863	11.13	THCA	Synthetic Cannabinoid	Other	Parent	C22H30O4
285.15	74.07	359.2216863	11.13	THCA	Synthetic Cannabinoid	Other	Parent	C22H30O4
316.17	43.05	359.2216863	11.13	THCA	Synthetic Cannabinoid	Other	Parent	C22H30O4
317.18	42.04	359.2216863	11.13	THCA	Synthetic Cannabinoid	Other	Parent	C22H30O4
359.22	0.00	359.2216863	11.13	THCA	Synthetic Cannabinoid	Other	Parent	C22H30O4
219.1	140.12	359.22169	11.51	THCA-A	Cannabinoid	Phytocannabinoid		C22H30O4
261.15	98.07	359.22169	11.51	THCA-A	Cannabinoid	Phytocannabinoid		C22H30O4
285.15	74.07	359.22169	11.51	THCA-A	Cannabinoid	Phytocannabinoid		C22H30O4
341.21	18.01	359.22169	11.51	THCA-A	Cannabinoid	Phytocannabinoid		C22H30O4
359.22	0.00	359.22169	11.51	THCA-A	Cannabinoid	Phytocannabinoid		C22H30O4
191.07	140.12	331.19039	10.93	THCVA-A	Cannabinoid	Phytocannabinoid	Precursor	C20H26O4
233.12	98.07	331.19039	10.93	THCVA-A	Cannabinoid	Phytocannabinoid	Precursor	C20H26O4
257.12	74.07	331.19039	10.93	THCVA-A	Cannabinoid	Phytocannabinoid	Precursor	C20H26O4
313.18	18.01	331.19039	10.93	THCVA-A	Cannabinoid	Phytocannabinoid	Precursor	C20H26O4
331.19	0.00	331.19039	10.93	THCVA-A	Cannabinoid	Phytocannabinoid	Precursor	C20H26O4
58.07	254.09	312.1594203	5.02	Thebaine	Opioid	Other	Parent	C19H21NO3
249.09	63.07	312.1594203	5.02	Thebaine	Opioid	Other	Parent	C19H21NO3
251.07	61.09	312.1594203	5.02	Thebaine	Opioid	Other	Parent	C19H21NO3
266.09	46.07	312.1594203	5.02	Thebaine	Opioid	Other	Parent	C19H21NO3
312.16	0.00	312.1594203	5.02	Thebaine	Opioid	Other	Parent	C19H21NO3
42.04	139.03	181.0720021	3.32	Theophylline	Other Pharma	Depressant		C7H8N4O2
69.05	112.02	181.0720021	3.32	Theophylline	Other Pharma	Depressant		C7H8N4O2
96.06	85.01	181.0720021	3.32	Theophylline	Other Pharma	Depressant		C7H8N4O2
124.05	57.02	181.0720021	3.32	Theophylline	Other Pharma	Depressant		C7H8N4O2
181.07	0.00	181.0720021	3.32	Theophylline	Other Pharma	Depressant		C7H8N4O2
82.07	247.10	329.1682	5.75	Thienyl Fentanyl	Opioid	Fentanyl	Parent	C19H24N2OS
97.01	232.16	329.1682	5.75	Thienyl Fentanyl	Opioid	Fentanyl	Parent	C19H24N2OS
180.08	149.09	329.1682	5.75	Thienyl Fentanyl	Opioid	Fentanyl	Parent	C19H24N2OS
273.14	56.03	329.1682	5.75	Thienyl Fentanyl	Opioid	Fentanyl	Parent	C19H24N2OS
329.17	0.00	329.1682	5.75	Thienyl Fentanyl	Opioid	Fentanyl	Parent	C19H24N2OS
111.03	232.15	343.1838	6.02	Thiofentanyl	Opioid	Fentanyl	Parent	C20H26N2OS
146.1	197.08	343.1838	6.02	Thiofentanyl	Opioid	Fentanyl	Parent	C20H26N2OS
194.1	149.08	343.1838	6.02	Thiofentanyl	Opioid	Fentanyl	Parent	C20H26N2OS
245.16	98.02	343.1838	6.02	Thiofentanyl	Opioid	Fentanyl	Parent	C20H26N2OS
343.18	0.00	343.1838	6.02	Thiofentanyl	Opioid	Fentanyl	Parent	C20H26N2OS
91.05	195.99	287.04042	8.53	Thionordiazepam	Benzodiazepine			C15H11ClN2S
217.07	69.97	287.04042	8.53	Thionordiazepam	Benzodiazepine			C15H11ClN2S
218.08	68.96	287.04042	8.53	Thionordiazepam	Benzodiazepine			C15H11ClN2S
253.05	33.99	287.04042	8.53	Thionordiazepam	Benzodiazepine			C15H11ClN2S
287.04	0.00	287.04042	8.53	Thionordiazepam	Benzodiazepine			C15H11ClN2S
105.07	286.11	391.1839	6.84	Thiophene Fentanyl	Opioid	Fentanyl	Parent	C24H26N2OS
110.99	280.19	391.1839	6.84	Thiophene Fentanyl	Opioid	Fentanyl	Parent	C24H26N2OS
188.14	203.04	391.1839	6.84	Thiophene Fentanyl	Opioid	Fentanyl	Parent	C24H26N2OS

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
270.1	121.08	391.1839	6.84	Thiophene Fentanyl	Opioid	Fentalog	Parent	C24H26N2OS
391.18	0.00	391.1839	6.84	Thiophene Fentanyl	Opioid	Fentalog	Parent	C24H26N2OS
391.19	-0.01	391.1839	6.84	Thiophene Fentanyl	Opioid	Fentalog	Parent	C24H26N2OS
98.1	273.06	371.1610192	7.98	Thioridazine	Other Pharma	Antipsychotic	Typical antipsychotic	C21H26N2S2
126.13	245.03	371.1610192	7.98	Thioridazine	Other Pharma	Antipsychotic	Typical antipsychotic	C21H26N2S2
266.99	104.17	371.1610192	7.98	Thioridazine	Other Pharma	Antipsychotic	Typical antipsychotic	C21H26N2S2
355.07	16.09	371.1610192	7.98	Thioridazine	Other Pharma	Antipsychotic	Typical antipsychotic	C21H26N2S2
371.16	0.00	371.1610192	7.98	Thioridazine	Other Pharma	Antipsychotic	Typical antipsychotic	C21H26N2S2
117.04	242.15	359.18664	11.09	THJ	Synthetic Cannabinoid	Other	Parent	C22H22N4O
145.04	214.15	359.18664	11.09	THJ	Synthetic Cannabinoid	Other	Parent	C22H22N4O
215.12	144.07	359.18664	11.09	THJ	Synthetic Cannabinoid	Other	Parent	C22H22N4O
341.18	18.01	359.18664	11.09	THJ	Synthetic Cannabinoid	Other	Parent	C22H22N4O
359.19	0.00	359.18664	11.09	THJ	Synthetic Cannabinoid	Other	Parent	C22H22N4O
117.05	226.13	343.1805	10.72	THJ-018	Synthetic Cannabinoid	Other	Parent	C23H22N2O
145.04	198.14	343.1805	10.72	THJ-018	Synthetic Cannabinoid	Other	Parent	C23H22N2O
155.05	188.13	343.1805	10.72	THJ-018	Synthetic Cannabinoid	Other	Parent	C23H22N2O
215.12	128.06	343.1805	10.72	THJ-018	Synthetic Cannabinoid	Other	Parent	C23H22N2O
343.18	0.00	343.1805	10.72	THJ-018	Synthetic Cannabinoid	Other	Parent	C23H22N2O
145.04	216.13	361.17107	10.05	THJ-2201	Synthetic Cannabinoid	Other	Parent	C23H21FN2O
177.05	184.12	361.17107	10.05	THJ-2201	Synthetic Cannabinoid	Other	Parent	C23H21FN2O
213.1	148.07	361.17107	10.05	THJ-2201	Synthetic Cannabinoid	Other	Parent	C23H21FN2O
233.11	128.06	361.17107	10.05	THJ-2201	Synthetic Cannabinoid	Other	Parent	C23H21FN2O
361.17	0.00	361.17107	10.05	THJ-2201	Synthetic Cannabinoid	Other	Parent	C23H21FN2O
193.09	244.04	437.12963	6.67	Tianeptine	Other Pharma	Antidepressant	Atypical antidepressant	C21H25ClN2O4S
228.06	209.07	437.12963	6.67	Tianeptine	Other Pharma	Antidepressant	Atypical antidepressant	C21H25ClN2O4S
246.01	191.12	437.12963	6.67	Tianeptine	Other Pharma	Antidepressant	Atypical antidepressant	C21H25ClN2O4S
292.02	145.11	437.12963	6.67	Tianeptine	Other Pharma	Antidepressant	Atypical antidepressant	C21H25ClN2O4S
437.13	0.00	437.12963	6.67	Tianeptine	Other Pharma	Antidepressant	Atypical antidepressant	C21H25ClN2O4S
89.04	175.02	264.0608256	5.42	Ticlopidine	Other Pharma	Antiplatelet		C14H14ClNS
99	165.06	264.0608256	5.42	Ticlopidine	Other Pharma	Antiplatelet		C14H14ClNS
125.02	139.04	264.0608256	5.42	Ticlopidine	Other Pharma	Antiplatelet		C14H14ClNS
154.04	110.02	264.0608256	5.42	Ticlopidine	Other Pharma	Antiplatelet		C14H14ClNS
264.06	0.00	264.0608256	5.42	Ticlopidine	Other Pharma	Antiplatelet		C14H14ClNS
67.05	157.06	224.11037	4.15	Tiletamine	Stimulant	Arylcyclohexylamine		C12H17NOS
97.01	127.10	224.11037	4.15	Tiletamine	Stimulant	Arylcyclohexylamine		C12H17NOS
123.03	101.08	224.11037	4.15	Tiletamine	Stimulant	Arylcyclohexylamine		C12H17NOS
151.06	73.05	224.11037	4.15	Tiletamine	Stimulant	Arylcyclohexylamine		C12H17NOS
179.05	45.06	224.11037	4.15	Tiletamine	Stimulant	Arylcyclohexylamine		C12H17NOS
224.11	0.00	224.11037	4.15	Tiletamine	Stimulant	Arylcyclohexylamine		C12H17NOS
59.05	281.06	340.1060653	6.04	Topiramate	Other Pharma	Anticonvulsant		C12H21NO8S
127.04	213.07	340.1060653	6.04	Topiramate	Other Pharma	Anticonvulsant		C12H21NO8S
184.1	156.01	340.1060653	6.04	Topiramate	Other Pharma	Anticonvulsant		C12H21NO8S
324.12	15.99	340.1060653	6.04	Topiramate	Other Pharma	Anticonvulsant		C12H21NO8S
340.11	0.00	340.1060653	6.04	Topiramate	Other Pharma	Anticonvulsant		C12H21NO8S
340.15	-0.04	340.1060653	6.04	Topiramate	Other Pharma	Anticonvulsant		C12H21NO8S
42.04	222.16	264.1958058	4.94	Tramadol	Opioid	Other	Parent	C16H25NO2

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
58.07	206.13	264.1958058	4.94	Tramadol	Opioid	Other	Parent	C16H25NO2
121.06	143.14	264.1958058	4.94	Tramadol	Opioid	Other	Parent	C16H25NO2
246.19	18.01	264.1958058	4.94	Tramadol	Opioid	Other	Parent	C16H25NO2
264.2	0.00	264.1958058	4.94	Tramadol	Opioid	Other	Parent	C16H25NO2
77.04	57.06	134.0964259	5.45	Tranlycypromine	Other Pharma	Antidepressant		C9H11N
79.06	55.04	134.0964259	5.45	Tranlycypromine	Other Pharma	Antidepressant		C9H11N
103.06	31.04	134.0964259	5.45	Tranlycypromine	Other Pharma	Antidepressant		C9H11N
105.07	29.03	134.0964259	5.45	Tranlycypromine	Other Pharma	Antidepressant		C9H11N
134.1	0.00	134.0964259	5.45	Tranlycypromine	Other Pharma	Antidepressant		C9H11N
148.05	224.11	372.1585648	5.87	Trazodone	Other Pharma	Antidepressant		C19H22ClN5O
176.08	196.08	372.1585648	5.87	Trazodone	Other Pharma	Antidepressant		C19H22ClN5O
268	104.16	372.1585648	5.87	Trazodone	Other Pharma	Antidepressant		C19H22ClN5O
356.07	16.09	372.1585648	5.87	Trazodone	Other Pharma	Antidepressant		C19H22ClN5O
372.16	0.00	372.1585648	5.87	Trazodone	Other Pharma	Antidepressant		C19H22ClN5O
239.04	104.01	343.0511785	7.47	Triazolam	Benzodiazepine			C17H12Cl2N4
279.07	63.98	343.0511785	7.47	Triazolam	Benzodiazepine			C17H12Cl2N4
308.08	34.97	343.0511785	7.47	Triazolam	Benzodiazepine			C17H12Cl2N4
315.03	28.02	343.0511785	7.47	Triazolam	Benzodiazepine			C17H12Cl2N4
343.05	0.00	343.0511785	7.47	Triazolam	Benzodiazepine			C17H12Cl2N4
70.07	338.10	408.171581	8.27	Trifluoperazine	Synthetic Cannabinoid	Other	Parent	C21H24F3N3S
113.11	295.06	408.171581	8.27	Trifluoperazine	Synthetic Cannabinoid	Other	Parent	C21H24F3N3S
141.14	267.03	408.171581	8.27	Trifluoperazine	Synthetic Cannabinoid	Other	Parent	C21H24F3N3S
280.04	128.13	408.171581	8.27	Trifluoperazine	Synthetic Cannabinoid	Other	Parent	C21H24F3N3S
408.17	0.00	408.171581	8.27	Trifluoperazine	Synthetic Cannabinoid	Other	Parent	C21H24F3N3S
98.1	204.15	302.2478414	7.05	Trihexyphenidyl	Other Pharma	Anticonvulsant		C20H31NO
117.07	185.18	302.2478414	7.05	Trihexyphenidyl	Other Pharma	Anticonvulsant		C20H31NO
267.2	35.05	302.2478414	7.05	Trihexyphenidyl	Other Pharma	Anticonvulsant		C20H31NO
284.24	18.01	302.2478414	7.05	Trihexyphenidyl	Other Pharma	Anticonvulsant		C20H31NO
302.25	0.00	302.2478414	7.05	Trihexyphenidyl	Other Pharma	Anticonvulsant		C20H31NO
58.07	237.15	295.2168756	7.31	Trimipramine	Other Pharma	Antidepressant	Tricyclic antidepressant	C20H26N2
100.11	195.11	295.2168756	7.31	Trimipramine	Other Pharma	Antidepressant	Tricyclic antidepressant	C20H26N2
208.11	87.11	295.2168756	7.31	Trimipramine	Other Pharma	Antidepressant	Tricyclic antidepressant	C20H26N2
250.16	45.06	295.2168756	7.31	Trimipramine	Other Pharma	Antidepressant	Tricyclic antidepressant	C20H26N2
295.22	0.00	295.2168756	7.31	Trimipramine	Other Pharma	Antidepressant	Tricyclic antidepressant	C20H26N2
149.02	130.17	279.1855754	6.11	Tripolidine	Other Pharma	Antihistamine		C19H22N2
192.08	87.11	279.1855754	6.11	Tripolidine	Other Pharma	Antihistamine		C19H22N2
193.09	86.10	279.1855754	6.11	Tripolidine	Other Pharma	Antihistamine		C19H22N2
207.1	72.09	279.1855754	6.11	Tripolidine	Other Pharma	Antihistamine		C19H22N2
208.11	71.08	279.1855754	6.11	Tripolidine	Other Pharma	Antihistamine		C19H22N2
279.19	0.00	279.1855754	6.11	Tripolidine	Other Pharma	Antihistamine		C19H22N2
115.05	46.06	161.10732	3.57	Tryptamine	Hallucinogen	Tryptamine		C10H12N2
117.07	44.04	161.10732	3.57	Tryptamine	Hallucinogen	Tryptamine		C10H12N2
127.05	34.06	161.10732	3.57	Tryptamine	Hallucinogen	Tryptamine		C10H12N2
143.07	18.04	161.10732	3.57	Tryptamine	Hallucinogen	Tryptamine		C10H12N2
144.08	17.03	161.10732	3.57	Tryptamine	Hallucinogen	Tryptamine		C10H12N2
161.11	0.00	161.10732	3.57	Tryptamine	Hallucinogen	Tryptamine		C10H12N2

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
144.96	184.16	329.1181955	6.21	U-47700	Opioid	Utopioid		C16H22Cl2N2O
172.95	156.17	329.1181955	6.21	U-47700	Opioid	Utopioid		C16H22Cl2N2O
204	125.12	329.1181955	6.21	U-47700	Opioid	Utopioid		C16H22Cl2N2O
284.06	45.06	329.1181955	6.21	U-47700	Opioid	Utopioid		C16H22Cl2N2O
329.12	0.00	329.1181955	6.21	U-47700	Opioid	Utopioid		C16H22Cl2N2O
126.13	198.96	325.091	5.82	U-47931E	Opioid	Utopioid		C15H21BrN2O
154.95	170.14	325.091	5.82	U-47931E	Opioid	Utopioid		C15H21BrN2O
182.95	142.14	325.091	5.82	U-47931E	Opioid	Utopioid		C15H21BrN2O
199.97	125.12	325.091	5.82	U-47931E	Opioid	Utopioid		C15H21BrN2O
280.04	45.05	325.091	5.82	U-47931E	Opioid	Utopioid		C15H21BrN2O
325.09	0.00	325.091	5.82	U-47931E	Opioid	Utopioid		C15H21BrN2O
81.07	214.09	295.15717	5.53	U-48520	Opioid	Utopioid		C16H23ClN2O
138.99	156.17	295.15717	5.53	U-48520	Opioid	Utopioid		C16H23ClN2O
170.04	125.12	295.15717	5.53	U-48520	Opioid	Utopioid		C16H23ClN2O
250.1	45.06	295.15717	5.53	U-48520	Opioid	Utopioid		C16H23ClN2O
295.16	0.00	295.15717	5.53	U-48520	Opioid	Utopioid		C16H23ClN2O
81.07	262.06	343.1339	6.71	U-48800	Opioid	Utopioid		C17H24Cl2N2O
112.11	231.02	343.1339	6.71	U-48800	Opioid	Utopioid		C17H24Cl2N2O
158.98	184.15	343.1339	6.71	U-48800	Opioid	Utopioid		C17H24Cl2N2O
218.01	125.12	343.1339	6.71	U-48800	Opioid	Utopioid		C17H24Cl2N2O
298.08	45.05	343.1339	6.71	U-48800	Opioid	Utopioid		C17H24Cl2N2O
343.13	0.00	343.1339	6.71	U-48800	Opioid	Utopioid		C17H24Cl2N2O
144.96	212.19	357.1495	6.5	U-49900	Opioid	Utopioid		C18H26N2OCl2
172.96	184.19	357.1495	6.5	U-49900	Opioid	Utopioid		C18H26N2OCl2
204	153.15	357.1495	6.5	U-49900	Opioid	Utopioid		C18H26N2OCl2
284.06	73.09	357.1495	6.5	U-49900	Opioid	Utopioid		C18H26N2OCl2
357.15	0.00	357.1495	6.5	U-49900	Opioid	Utopioid		C18H26N2OCl2
122.11	247.04	369.1494956	6.91	U-50488	Opioid	Utopioid		C19H26Cl2N2O
158.98	210.17	369.1494956	6.91	U-50488	Opioid	Utopioid		C19H26Cl2N2O
218.01	151.14	369.1494956	6.91	U-50488	Opioid	Utopioid		C19H26Cl2N2O
298.07	71.08	369.1494956	6.91	U-50488	Opioid	Utopioid		C19H26Cl2N2O
369.15	0.00	369.1494956	6.91	U-50488	Opioid	Utopioid		C19H26Cl2N2O
112.11	231.02	343.1338	6.82	U-51754	Opioid	Utopioid		C17H24Cl2N2O
158.97	184.16	343.1338	6.82	U-51754	Opioid	Utopioid		C17H24Cl2N2O
218.01	125.12	343.1338	6.82	U-51754	Opioid	Utopioid		C17H24Cl2N2O
298.07	45.06	343.1338	6.82	U-51754	Opioid	Utopioid		C17H24Cl2N2O
343.13	0.00	343.1338	6.82	U-51754	Opioid	Utopioid		C17H24Cl2N2O
137.1	288.08	425.17571	6.95	U-62066	Opioid	Utopioid		C22H30Cl2N2O2
168.14	257.04	425.17571	6.95	U-62066	Opioid	Utopioid		C22H30Cl2N2O2
218.01	207.17	425.17571	6.95	U-62066	Opioid	Utopioid		C22H30Cl2N2O2
354.1	71.08	425.17571	6.95	U-62066	Opioid	Utopioid		C22H30Cl2N2O2
425.17	0.01	425.17571	6.95	U-62066	Opioid	Utopioid		C22H30Cl2N2O2
425.18	0.00	425.17571	6.95	U-62066	Opioid	Utopioid		C22H30Cl2N2O2
91.05	266.20	357.2537	5.62	U-69593	Opioid	Utopioid		C22H32N2O2
137.1	220.15	357.2537	5.62	U-69593	Opioid	Utopioid		C22H32N2O2
168.14	189.11	357.2537	5.62	U-69593	Opioid	Utopioid		C22H32N2O2

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
286.18	71.07	357.2537	5.62	U-69593	Opioid	Utopioid		C22H32N2O2
357.25	0.00	357.2537	5.62	U-69593	Opioid	Utopioid		C22H32N2O2
81.07	194.14	275.21179	5.59	UF-17	Opioid	Utopioid		C17H26N2O
150.09	125.12	275.21179	5.59	UF-17	Opioid	Utopioid		C17H26N2O
174.13	101.08	275.21179	5.59	UF-17	Opioid	Utopioid		C17H26N2O
230.15	45.06	275.21179	5.59	UF-17	Opioid	Utopioid		C17H26N2O
275.21	0.00	275.21179	5.59	UF-17	Opioid	Utopioid		C17H26N2O
125.1	187.13	312.2321913	10.7	UR-144	Synthetic Cannabinoid	Other	Parent	C21H29NO
214.12	98.11	312.2321913	10.7	UR-144	Synthetic Cannabinoid	Other	Parent	C21H29NO
279.2	33.03	312.2321913	10.7	UR-144	Synthetic Cannabinoid	Other	Parent	C21H29NO
294.22	18.01	312.2321913	10.7	UR-144	Synthetic Cannabinoid	Other	Parent	C21H29NO
312.23	0.00	312.2321913	10.7	UR-144	Synthetic Cannabinoid	Other	Parent	C21H29NO
125.1	265.04	390.1427	10.58	UR-144 N-(5-Bromopentyl) Analogue	Synthetic Cannabinoid	Other	Parent	C21H28BrNO
292.03	98.11	390.1427	10.58	UR-144 N-(5-Bromopentyl) Analogue	Synthetic Cannabinoid	Other	Parent	C21H28BrNO
357.11	33.03	390.1427	10.58	UR-144 N-(5-Bromopentyl) Analogue	Synthetic Cannabinoid	Other	Parent	C21H28BrNO
372.13	18.01	390.1427	10.58	UR-144 N-(5-Bromopentyl) Analogue	Synthetic Cannabinoid	Other	Parent	C21H28BrNO
390.14	0.00	390.1427	10.58	UR-144 N-(5-Bromopentyl) Analogue	Synthetic Cannabinoid	Other	Parent	C21H28BrNO
125.1	221.09	346.19322	10.46	UR-144 N-(5-Chloropentyl) Analogue	Synthetic Cannabinoid	Other	Parent	C21H28ClNO
248.08	98.11	346.19322	10.46	UR-144 N-(5-Chloropentyl) Analogue	Synthetic Cannabinoid	Other	Parent	C21H28ClNO
313.16	33.03	346.19322	10.46	UR-144 N-(5-Chloropentyl) Analogue	Synthetic Cannabinoid	Other	Parent	C21H28ClNO
328.18	18.01	346.19322	10.46	UR-144 N-(5-Chloropentyl) Analogue	Synthetic Cannabinoid	Other	Parent	C21H28ClNO
346.19	0.00	346.19322	10.46	UR-144 N-(5-Chloropentyl) Analogue	Synthetic Cannabinoid	Other	Parent	C21H28ClNO
125.1	215.16	340.26349	11.35	UR-144 N-Heptyl Analogue	Synthetic Cannabinoid	Other	Parent	C23H33NO
242.15	98.11	340.26349	11.35	UR-144 N-Heptyl Analogue	Synthetic Cannabinoid	Other	Parent	C23H33NO
307.23	33.03	340.26349	11.35	UR-144 N-Heptyl Analogue	Synthetic Cannabinoid	Other	Parent	C23H33NO
322.25	18.01	340.26349	11.35	UR-144 N-Heptyl Analogue	Synthetic Cannabinoid	Other	Parent	C23H33NO
340.26	0.00	340.26349	11.35	UR-144 N-Heptyl Analogue	Synthetic Cannabinoid	Other	Parent	C23H33NO
125.1	217.11	342.20637	9.27	UR-144 N-Pentanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C21H27NO3
144.04	198.17	342.20637	9.27	UR-144 N-Pentanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C21H27NO3
244.1	98.11	342.20637	9.27	UR-144 N-Pentanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C21H27NO3
324.19	18.02	342.20637	9.27	UR-144 N-Pentanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C21H27NO3
342.2	0.01	342.20637	9.27	UR-144 N-Pentanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C21H27NO3
342.21	0.00	342.20637	9.27	UR-144 N-Pentanoic Acid	Synthetic Cannabinoid	Other	Metabolite	C21H27NO3
105.03	296.11	401.14152	9.68	URB-447	Synthetic Cannabinoid	Other	Parent	C25H21ClN2O
171.09	230.05	401.14152	9.68	URB-447	Synthetic Cannabinoid	Other	Parent	C25H21ClN2O
276.13	125.01	401.14152	9.68	URB-447	Synthetic Cannabinoid	Other	Parent	C25H21ClN2O
296.11	105.03	401.14152	9.68	URB-447	Synthetic Cannabinoid	Other	Parent	C25H21ClN2O
401.14	0.00	401.14152	9.68	URB-447	Synthetic Cannabinoid	Other	Parent	C25H21ClN2O
105.07	247.17	352.23834	6.39	Urea Fentanyl	Opioid	Fentalog	Parent	C22H29N3O
134.1	218.14	352.23834	6.39	Urea Fentanyl	Opioid	Fentalog	Parent	C22H29N3O
188.14	164.10	352.23834	6.39	Urea Fentanyl	Opioid	Fentalog	Parent	C22H29N3O
231.15	121.09	352.23834	6.39	Urea Fentanyl	Opioid	Fentalog	Parent	C22H29N3O
352.24	0.00	352.23834	6.39	Urea Fentanyl	Opioid	Fentalog	Parent	C22H29N3O
105.07	260.19	365.2587	7.17	Valeryl fentanyl	Opioid	Fentalog	Parent	C24H32N2O
188.14	177.12	365.2587	7.17	Valeryl fentanyl	Opioid	Fentalog	Parent	C24H32N2O
244.17	121.09	365.2587	7.17	Valeryl fentanyl	Opioid	Fentalog	Parent	C24H32N2O



Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
281.2	84.06	365.2587	7.17	Valerylffentanyl	Opioid	Fentalog	Parent	C24H32N2O
365.26	0.00	365.2587	7.17	Valerylffentanyl	Opioid	Fentalog	Parent	C24H32N2O
151.09	338.14	489.2278522	6.55	Vardenafil	Other Pharma			C23H32N6O4S
312.16	177.07	489.2278522	6.55	Vardenafil	Other Pharma			C23H32N6O4S
376.11	113.12	489.2278522	6.55	Vardenafil	Other Pharma			C23H32N6O4S
377.13	112.10	489.2278522	6.55	Vardenafil	Other Pharma			C23H32N6O4S
489.23	0.00	489.2278522	6.55	Vardenafil	Other Pharma			C23H32N6O4S
58.07	220.14	278.2114559	5.78	Venlafaxine	Other Pharma	Antidepressant		C17H27NO2
121.07	157.14	278.2114559	5.78	Venlafaxine	Other Pharma	Antidepressant		C17H27NO2
147.08	131.13	278.2114559	5.78	Venlafaxine	Other Pharma	Antidepressant		C17H27NO2
260.2	18.01	278.2114559	5.78	Venlafaxine	Other Pharma	Antidepressant		C17H27NO2
278.21	0.00	278.2114559	5.78	Venlafaxine	Other Pharma	Antidepressant		C17H27NO2
150.07	305.22	455.2904346	7.02	Verapamil	Other Pharma			C27H38N2O4
165.09	290.20	455.2904346	7.02	Verapamil	Other Pharma			C27H38N2O4
260.16	195.13	455.2904346	7.02	Verapamil	Other Pharma			C27H38N2O4
303.21	152.08	455.2904346	7.02	Verapamil	Other Pharma			C27H38N2O4
455.29	0.00	455.2904346	7.02	Verapamil	Other Pharma			C27H38N2O4
127.06	223.06	350.1223215	7.36	Voriconazole	Other Pharma	Antifungal		C16H14F3N5O
155.03	195.09	350.1223215	7.36	Voriconazole	Other Pharma	Antifungal		C16H14F3N5O
224.06	126.06	350.1223215	7.36	Voriconazole	Other Pharma	Antifungal		C16H14F3N5O
263.08	87.04	350.1223215	7.36	Voriconazole	Other Pharma	Antifungal		C16H14F3N5O
281.09	69.03	350.1223215	7.36	Voriconazole	Other Pharma	Antifungal		C16H14F3N5O
350.12	0.00	350.1223215	7.36	Voriconazole	Other Pharma	Antifungal		C16H14F3N5O
105.07	272.04	377.1085	9.03	W15	Opioid	Other	Parent	C19H21CIN2O2S
111	266.11	377.1085	9.03	W15	Opioid	Other	Parent	C19H21CIN2O2S
174.96	202.15	377.1085	9.03	W15	Opioid	Other	Parent	C19H21CIN2O2S
273.05	104.06	377.1085	9.03	W15	Opioid	Other	Parent	C19H21CIN2O2S
377.11	0.00	377.1085	9.03	W15	Opioid	Other	Parent	C19H21CIN2O2S
111	311.09	422.0935	8.75	W18	Opioid	Other	Parent	C19H20CIN3O4S
150.05	272.04	422.0935	8.75	W18	Opioid	Other	Parent	C19H20CIN3O4S
174.96	247.13	422.0935	8.75	W18	Opioid	Other	Parent	C19H20CIN3O4S
273.05	149.04	422.0935	8.75	W18	Opioid	Other	Parent	C19H20CIN3O4S
422.09	0.00	422.0935	8.75	W18	Opioid	Other	Parent	C19H20CIN3O4S
121.03	188.08	309.1121357	8.12	Warfarin	Other Pharma	Anticoagulant		C19H16O4
147.08	162.03	309.1121357	8.12	Warfarin	Other Pharma	Anticoagulant		C19H16O4
163.04	146.07	309.1121357	8.12	Warfarin	Other Pharma	Anticoagulant		C19H16O4
173.02	136.09	309.1121357	8.12	Warfarin	Other Pharma	Anticoagulant		C19H16O4
251.07	58.04	309.1121357	8.12	Warfarin	Other Pharma	Anticoagulant		C19H16O4
309.11	0.00	309.1121357	8.12	Warfarin	Other Pharma	Anticoagulant		C19H16O4
100.08	327.12	427.2016195	9.17	WIN 55,212-3	Synthetic Cannabinoid			C27H26N2O3
127.05	300.15	427.2016195	9.17	WIN 55,212-3	Synthetic Cannabinoid			C27H26N2O3
155.05	272.15	427.2016195	9.17	WIN 55,212-3	Synthetic Cannabinoid			C27H26N2O3
340.14	87.06	427.2016195	9.17	WIN 55,212-3	Synthetic Cannabinoid			C27H26N2O3
427.2	0.00	427.2016195	9.17	WIN 55,212-3	Synthetic Cannabinoid			C27H26N2O3
70.06	387.05	457.11213	8.13	WIN-54,461	Synthetic Cannabinoid	Other	Parent	C23H25BrN2O3
107.05	350.06	457.11213	8.13	WIN-54,461	Synthetic Cannabinoid	Other	Parent	C23H25BrN2O3

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
114.09	343.02	457.11213	8.13	WIN-54,461	Synthetic Cannabinoid	Other	Parent	C23H25BrN2O3
135.04	322.07	457.11213	8.13	WIN-54,461	Synthetic Cannabinoid	Other	Parent	C23H25BrN2O3
457.11	0.00	457.11213	8.13	WIN-54,461	Synthetic Cannabinoid	Other	Parent	C23H25BrN2O3
125.1	205.12	330.2227695	10.02	XLR-11	Synthetic Cannabinoid	Other	Parent	C21H28FNO
232.11	98.11	330.2227695	10.02	XLR-11	Synthetic Cannabinoid	Other	Parent	C21H28FNO
297.19	33.03	330.2227695	10.02	XLR-11	Synthetic Cannabinoid	Other	Parent	C21H28FNO
312.21	18.01	330.2227695	10.02	XLR-11	Synthetic Cannabinoid	Other	Parent	C21H28FNO
330.22	0.00	330.2227695	10.02	XLR-11	Synthetic Cannabinoid	Other	Parent	C21H28FNO
125.1	185.12	310.2165	10.5	XLR-11 N-(4-Pentenyl) Analogue	Synthetic Cannabinoid	Other	Parent	C21H27NO
212.11	98.11	310.2165	10.5	XLR-11 N-(4-Pentenyl) Analogue	Synthetic Cannabinoid	Other	Parent	C21H27NO
277.18	33.04	310.2165	10.5	XLR-11 N-(4-Pentenyl) Analogue	Synthetic Cannabinoid	Other	Parent	C21H27NO
292.21	18.01	310.2165	10.5	XLR-11 N-(4-Pentenyl) Analogue	Synthetic Cannabinoid	Other	Parent	C21H27NO
310.22	0.00	310.2165	10.5	XLR-11 N-(4-Pentenyl) Analogue	Synthetic Cannabinoid	Other	Parent	C21H27NO
83.05	252.20	335.2542	10.2	XLR-11-D5	Synthetic Cannabinoid	Other	Parent	C21H23[2H5]FNO
125.09	210.16	335.2542	10.2	XLR-11-D5	Synthetic Cannabinoid	Other	Parent	C21H23[2H5]FNO
237.14	98.11	335.2542	10.2	XLR-11-D5	Synthetic Cannabinoid	Other	Parent	C21H23[2H5]FNO
317.24	18.01	335.2542	10.2	XLR-11-D5	Synthetic Cannabinoid	Other	Parent	C21H23[2H5]FNO
335.25	0.00	335.2542	10.2	XLR-11-D5	Synthetic Cannabinoid	Other	Parent	C21H23[2H5]FNO
125.1	227.09	352.18828	10.21	XLR-12	Synthetic Cannabinoid	Other	Parent	C20H24F3NO
254.08	98.11	352.18828	10.21	XLR-12	Synthetic Cannabinoid	Other	Parent	C20H24F3NO
319.16	33.03	352.18828	10.21	XLR-12	Synthetic Cannabinoid	Other	Parent	C20H24F3NO
334.18	18.01	352.18828	10.21	XLR-12	Synthetic Cannabinoid	Other	Parent	C20H24F3NO
352.19	0.00	352.18828	10.21	XLR-12	Synthetic Cannabinoid	Other	Parent	C20H24F3NO
90.04	131.07	221.110697	4.79	Xylazine	Other Pharma	Anesthetic		C12H16N2S
120.08	101.03	221.110697	4.79	Xylazine	Other Pharma	Anesthetic		C12H16N2S
147.09	74.02	221.110697	4.79	Xylazine	Other Pharma	Anesthetic		C12H16N2S
164.05	57.06	221.110697	4.79	Xylazine	Other Pharma	Anesthetic		C12H16N2S
221.11	0.00	221.110697	4.79	Xylazine	Other Pharma	Anesthetic		C12H16N2S
144.08	211.12	355.2016195	5.32	Yohimbine	Unknown			C21H26N2O3
212.13	143.07	355.2016195	5.32	Yohimbine	Unknown			C21H26N2O3
326.17	29.03	355.2016195	5.32	Yohimbine	Unknown			C21H26N2O3
338.18	17.02	355.2016195	5.32	Yohimbine	Unknown			C21H26N2O3
355.2	0.00	355.2016195	5.32	Yohimbine	Unknown			C21H26N2O3
219.07	87.06	306.1349368	6.7	Zaleplon	Other Pharma	Depressant	Z-drug	C17H15N5O
236.09	70.04	306.1349368	6.7	Zaleplon	Other Pharma	Depressant	Z-drug	C17H15N5O
260.09	46.04	306.1349368	6.7	Zaleplon	Other Pharma	Depressant	Z-drug	C17H15N5O
264.12	42.01	306.1349368	6.7	Zaleplon	Other Pharma	Depressant	Z-drug	C17H15N5O
306.13	0.00	306.1349368	6.7	Zaleplon	Other Pharma	Depressant	Z-drug	C17H15N5O
306.14	-0.01	306.1349368	6.7	Zaleplon	Other Pharma	Depressant	Z-drug	C17H15N5O
159.07	254.05	413.1197375	6.32	Ziprasidone	Other Pharma	Antipsychotic	Atypical antipsychotic	C21H21ClN4OS
166.04	247.08	413.1197375	6.32	Ziprasidone	Other Pharma	Antipsychotic	Atypical antipsychotic	C21H21ClN4OS
177.05	236.07	413.1197375	6.32	Ziprasidone	Other Pharma	Antipsychotic	Atypical antipsychotic	C21H21ClN4OS
194.04	219.08	413.1197375	6.32	Ziprasidone	Other Pharma	Antipsychotic	Atypical antipsychotic	C21H21ClN4OS
413.12	0.00	413.1197375	6.32	Ziprasidone	Other Pharma	Antipsychotic	Atypical antipsychotic	C21H21ClN4OS
138.1	149.03	287.13027	4.42	Zolazepam	Benzodiazepine			C15H15FN4O
218.11	69.02	287.13027	4.42	Zolazepam	Benzodiazepine			C15H15FN4O

Common Fragment	Neutral Loss	M+H	Expected RT (min)	Name	Subtype 1	Subtype 2	Subtype 3	Chemical Formula
243.1	44.03	287.13027	4.42	Zolazepam	Benzodiazepine			C15H15FN4O
259.13	28.00	287.13027	4.42	Zolazepam	Benzodiazepine			C15H15FN4O
287.13	0.00	287.13027	4.42	Zolazepam	Benzodiazepine			C15H15FN4O
235.12	73.06	308.175739	5.52	Zolpidem	Other Pharma	Depressant	Z-drug	C19H21N3O
236.13	72.05	308.175739	5.52	Zolpidem	Other Pharma	Depressant	Z-drug	C19H21N3O
248.09	60.09	308.175739	5.52	Zolpidem	Other Pharma	Depressant	Z-drug	C19H21N3O
263.12	45.06	308.175739	5.52	Zolpidem	Other Pharma	Depressant	Z-drug	C19H21N3O
308.18	0.00	308.175739	5.52	Zolpidem	Other Pharma	Depressant	Z-drug	C19H21N3O
77.04	135.99	213.0328406	4.59	Zonisamide	Other Pharma	Anticonvulsant		C8H8N2O3S
102.03	111.00	213.0328406	4.59	Zonisamide	Other Pharma	Anticonvulsant		C8H8N2O3S
104.05	108.98	213.0328406	4.59	Zonisamide	Other Pharma	Anticonvulsant		C8H8N2O3S
132.04	80.99	213.0328406	4.59	Zonisamide	Other Pharma	Anticonvulsant		C8H8N2O3S
213.03	0.00	213.0328406	4.59	Zonisamide	Other Pharma	Anticonvulsant		C8H8N2O3S
217.03	172.08	389.1123429	4.93	Zopiclone	Other Pharma	Depressant	Z-drug	C17H17CIN6O3
245.02	144.09	389.1123429	4.93	Zopiclone	Other Pharma	Depressant	Z-drug	C17H17CIN6O3
268	121.11	389.1123429	4.93	Zopiclone	Other Pharma	Depressant	Z-drug	C17H17CIN6O3
345.12	43.99	389.1123429	4.93	Zopiclone	Other Pharma	Depressant	Z-drug	C17H17CIN6O3
356.07	33.04	389.1123429	4.93	Zopiclone	Other Pharma	Depressant	Z-drug	C17H17CIN6O3
389.11	0.00	389.1123429	4.93	Zopiclone	Other Pharma	Depressant	Z-drug	C17H17CIN6O3

Subtype 1	Opioid
Subtype 2	Fentalog
Subtype 3	(All)

Common Fragments of Fentanyl Analog Compounds

Row Labels	Count of Name
55.06	1
56.05	3
57.03	1
57.07	1
69.03	1
69.07	2
70.06	1
70.07	1
79.05	1
81.03	1
82.07	1
83.05	1
84.08	6
91.05	9
94.06	1
95.01	1
97.01	1
97.1	1
98.07	1
98.1	2
100.11	1
103.05	3
105.03	3
105.07	85
110.99	1
111.03	2
113.06	5
119.05	1
119.08	3
119.09	2
120.08	1
123.06	4
124.11	1
125.1	1
128.07	1
130.16	1
132.08	6
134.07	1
134.09	3
134.1	35
136.1	1
138.07	1

Row Labels	Count of Name
105.07	85
188.14	78
134.1	35
146.1	27
281.2	11
216.14	10
91.05	9
202.16	8
150.07	7
351.24	7
84.08	6
132.08	6
174.13	6
228.14	6
113.06	5
244.17	5
245.16	5
246.15	5
337.23	5
349.23	5
365.26	5
123.06	4
152.09	4
189.14	4
230.15	4
234.13	4
355.22	4
363.24	4
56.05	3
103.05	3
105.03	3
119.08	3
134.09	3
150.09	3
160.11	3
162.09	3
202.12	3
206.13	3
232.13	3
233.16	3
242.15	3
248.14	3

Subtype 1	Opioid
Subtype 2	Fentalog
Subtype 3	(All)

Neutral Losses of Fentanyl Analog Compounds

Row Labels	Count of Name
-0.01	3
0.00	130
0.01	7
0.10	1
18.01	2
31.04	2
32.02	1
32.03	1
56.02	1
56.03	2
56.06	2
60.02	2
60.03	1
68.02	1
68.03	2
69.24	1
70.04	3
74.03	1
74.04	1
82.04	2
82.05	1
83.07	2
84.06	4
93.06	3
94.09	1
96.06	2
97.09	1
98.02	1
99.07	1
100.05	1
101.09	1
103.07	2
104.01	1
104.06	1
104.21	1
107.07	3
107.08	1
110.07	1
111.05	3
112.09	1
115.10	1
116.04	1

Row Labels	Count of Name
0	130
121.09	58
149.08	19
232.16	15
149.09	10
191.13	9
260.19	9
203.13	8
0.01	7
161.12	6
121.08	5
161.09	5
177.12	5
205.15	5
244.16	5
280.19	5
84.06	4
116.05	4
135.1	4
163.1	4
175.1	4
179.1	4
232.15	4
246.17	4
247.18	4
250.15	4
258.17	4
308.19	4
-0.01	3
70.04	3
93.06	3
107.07	3
111.05	3
135.07	3
139.08	3
167.08	3
176.13	3
177.11	3
183.05	3
205.11	3
211.1	3
221.12	3

Row Labels	Count of Name
140.11	2
142.09	1
142.16	1
144.08	1
146.01	1
146.07	1
146.09	1
146.1	27
147.13	1
148.11	1
149.02	1
150.07	7
150.09	3
152.09	4
158.1	1
160.11	3
162.09	3
165.09	2
166.04	1
174.13	6
175.09	1
175.12	1
178.1	2
178.12	1
179.11	1
180.08	1
186.13	1
186.22	1
188.07	1
188.14	78
188.15	1
189.14	4
191.15	1
192.08	1
192.11	1
193.12	2
194.1	1
197.13	1
198.13	1
202.12	3
202.13	1
202.16	8
203.12	1
204.14	2
206.12	1
206.13	3

Row Labels	Count of Name
250.1	3
295.22	3
315.16	3
335.21	3
353.22	3
367.24	3
371.19	3
69.07	2
98.1	2
111.03	2
119.09	2
140.11	2
165.09	2
178.1	2
193.12	2
204.14	2
207.14	2
220.15	2
221.13	2
231.15	2
246.13	2
254.12	2
259.18	2
276.2	2
278.15	2
279.19	2
285.18	2
299.19	2
323.21	2
339.21	2
353.2	2
369.23	2
371.21	2
399.24	2
413.26	2
425.28	2
55.06	1
57.03	1
57.07	1
69.03	1
70.06	1
70.07	1
79.05	1
81.03	1
82.07	1
83.05	1

Row Labels	Count of Name
116.05	4
118.08	1
120.06	1
121.08	5
121.09	58
121.10	2
123.07	1
124.09	1
125.09	2
127.02	1
127.10	1
130.10	1
131.08	1
132.06	1
135.07	3
135.10	4
138.07	1
138.97	1
139.08	3
143.08	1
145.07	1
147.07	1
147.09	1
147.10	1
147.11	2
149.08	19
149.09	10
149.11	1
149.12	1
149.15	1
151.07	1
151.10	1
153.06	1
153.09	1
158.13	1
159.09	1
161.08	1
161.09	5
161.12	6
163.10	4
164.10	1
165.06	1
165.08	2
165.09	1
165.12	1
167.07	2

Row Labels	Count of Name
221.14	3
237.1	3
247.1	3
262.17	3
264.16	3
266.12	3
18.01	2
31.04	2
56.03	2
56.06	2
60.02	2
68.03	2
82.04	2
83.07	2
96.06	2
103.07	2
121.1	2
125.09	2
147.11	2
165.08	2
167.07	2
181.09	2
187.06	2
190.15	2
193.11	2
194.12	2
197.08	2
204.16	2
215.13	2
217.14	2
217.15	2
218.14	2
218.15	2
219.16	2
226.15	2
229.11	2
234.14	2
239.13	2
247.19	2
248.15	2
262.15	2
270.14	2
280.2	2
294.17	2
0.1	1
32.02	1

Row Labels	Count of Name
207.14	2
209.99	1
210.08	1
212.11	1
214.11	1
214.12	1
216.13	1
216.14	10
219.15	1
220.11	1
220.15	2
221.13	2
224.14	1
227.97	1
228.14	6
230.15	4
231.15	2
232.11	1
232.13	3
233.16	3
233.17	1
234.13	4
235.17	1
236.08	1
238.13	1
242.13	1
242.15	3
242.28	1
243	1
244.13	1
244.17	5
245.16	5
246.13	2
246.15	5
247.14	1
247.18	1
248.08	1
248.14	3
248.16	1
250.1	3
250.12	1
254.12	2
254.15	1
256.17	1
258.19	1
259.18	2

Row Labels	Count of Name
94.06	1
95.01	1
97.01	1
97.1	1
98.07	1
100.11	1
110.99	1
119.05	1
120.08	1
124.11	1
125.1	1
128.07	1
130.16	1
134.07	1
136.1	1
138.07	1
142.09	1
142.16	1
144.08	1
146.01	1
146.07	1
146.09	1
147.13	1
148.11	1
149.02	1
158.1	1
166.04	1
175.09	1
175.12	1
178.12	1
179.11	1
180.08	1
186.13	1
186.22	1
188.07	1
188.15	1
191.15	1
192.08	1
192.11	1
194.1	1
197.13	1
198.13	1
202.13	1
203.12	1
206.12	1
209.99	1

Row Labels	Count of Name
167.08	3
167.09	1
167.10	1
169.03	1
169.07	1
170.97	1
175.10	4
175.13	1
176.13	3
176.14	1
177.08	1
177.11	3
177.12	5
178.10	1
178.11	1
179.07	1
179.08	1
179.10	4
181.03	1
181.06	1
181.09	2
181.11	1
183.05	3
183.07	1
183.11	1
183.13	1
187.06	2
187.07	1
187.10	1
189.11	1
189.12	1
190.15	2
191.10	1
191.13	9
192.13	1
193.11	2
194.12	2
194.13	1
194.14	1
195.03	1
195.05	1
195.09	1
195.11	1
197.06	1
197.07	1
197.08	2

Row Labels	Count of Name
32.03	1
56.02	1
60.03	1
68.02	1
69.24	1
74.03	1
74.04	1
82.05	1
94.09	1
97.09	1
98.02	1
99.07	1
100.05	1
101.09	1
104.01	1
104.06	1
104.21	1
107.08	1
110.07	1
112.09	1
115.1	1
116.04	1
118.08	1
120.06	1
123.07	1
124.09	1
127.02	1
127.1	1
130.1	1
131.08	1
132.06	1
138.07	1
138.97	1
143.08	1
145.07	1
147.07	1
147.09	1
147.1	1
149.11	1
149.12	1
149.15	1
151.07	1
151.1	1
153.06	1
153.09	1
158.13	1

Row Labels	Count of Name
262.1	1
262.14	1
262.16	1
264.11	1
264.14	1
264.18	1
265.17	1
267	1
267.19	1
268.13	1
268.18	1
270.1	1
270.19	1
271.04	1
271.14	1
272.11	1
273.14	1
274.12	1
276.2	2
277.16	1
277.19	1
278.13	1
278.15	2
279.19	2
281.2	11
282	1
284.13	1
285.14	1
285.15	1
285.17	1
285.18	2
289.19	1
290.21	1
291.17	1
292.17	1
293.15	1
294.04	1
295.22	3
296.17	1
299.19	2
305.19	1
308.13	1
309.2	1
309.23	1
311.21	1
314.19	1

Row Labels	Count of Name
210.08	1
212.11	1
214.11	1
214.12	1
216.13	1
219.15	1
220.11	1
224.14	1
227.97	1
232.11	1
233.17	1
235.17	1
236.08	1
238.13	1
242.13	1
242.28	1
243	1
244.13	1
247.14	1
247.18	1
248.08	1
248.16	1
250.12	1
254.15	1
256.17	1
258.19	1
262.1	1
262.14	1
262.16	1
264.11	1
264.14	1
264.18	1
265.17	1
267	1
267.19	1
268.13	1
268.18	1
270.1	1
270.19	1
271.04	1
271.14	1
272.11	1
273.14	1
274.12	1
277.16	1
277.19	1

Row Labels	Count of Name
197.09	1
197.12	1
201.08	1
201.10	1
201.11	1
203.04	1
203.13	8
204.16	2
204.17	1
205.06	1
205.11	3
205.14	1
205.15	5
206.14	1
207.08	1
207.12	1
209.14	1
210.09	1
211.08	1
211.10	3
213.01	1
213.08	1
214.13	1
215.09	1
215.11	1
215.13	2
217.08	1
217.09	1
217.14	2
217.15	2
218.14	2
218.15	2
219.12	1
219.16	2
220.13	1
221.03	1
221.12	3
221.14	3
223.08	1
225.01	1
225.11	1
225.12	1
226.15	2
227.00	1
229.11	2
229.14	1

Row Labels	Count of Name
159.09	1
161.08	1
164.1	1
165.06	1
165.09	1
165.12	1
167.09	1
167.1	1
169.03	1
169.07	1
170.97	1
175.13	1
176.14	1
177.08	1
178.1	1
178.11	1
179.07	1
179.08	1
181.03	1
181.06	1
181.11	1
183.07	1
183.11	1
183.13	1
187.07	1
187.1	1
189.11	1
189.12	1
191.1	1
192.13	1
194.13	1
194.14	1
195.03	1
195.05	1
195.09	1
195.11	1
197.06	1
197.07	1
197.09	1
197.12	1
201.08	1
201.1	1
201.11	1
203.04	1
204.17	1
205.06	1

Row Labels	Count of Name
315.16	3
317.18	1
321.19	1
323.21	2
326.07	1
327.21	1
329.17	1
333.22	1
335.21	3
337.22	1
337.23	5
339.2	1
339.21	2
341.17	1
341.2	1
343.18	1
349.23	5
351.24	7
352.24	1
353.2	2
353.22	3
355.18	1
355.22	4
357.17	1
359.11	1
359.18	1
361.19	1
363.19	1
363.24	4
364.27	1
364.28	1
365.22	1
365.26	5
367.22	1
367.24	3
369.17	1
369.23	2
371.19	3
371.21	2
373.21	1
375.21	1
376.24	1
377.26	1
379.24	1
379.27	1
381.22	1

Row Labels	Count of Name
278.13	1
282	1
284.13	1
285.14	1
285.15	1
285.17	1
289.19	1
290.21	1
291.17	1
292.17	1
293.15	1
294.04	1
296.17	1
305.19	1
308.13	1
309.2	1
309.23	1
311.21	1
314.19	1
317.18	1
321.19	1
326.07	1
327.21	1
329.17	1
333.22	1
337.22	1
339.2	1
341.17	1
341.2	1
343.18	1
352.24	1
355.18	1
357.17	1
359.11	1
359.18	1
361.19	1
363.19	1
364.27	1
364.28	1
365.22	1
367.22	1
369.17	1
373.21	1
375.21	1
376.24	1
377.26	1

Row Labels	Count of Name
230.14	1
231.16	1
232.15	4
232.16	15
234.14	2
235.07	1
235.12	1
235.13	1
236.13	1
237.10	3
239.09	1
239.13	2
239.14	1
240.16	1
241.08	1
241.11	1
243.12	1
244.16	5
245.14	1
245.17	1
246.17	4
246.18	1
247.10	3
247.15	1
247.17	1
247.18	4
247.19	2
248.13	1
248.15	2
249.13	1
250.13	1
250.15	4
251.09	1
251.10	1
251.13	1
251.16	1
252.10	1
253.09	1
253.14	1
254.04	1
258.17	4
258.18	1
259.03	1
259.15	1
259.20	1
260.15	1

Row Labels	Count of Name
205.14	1
206.14	1
207.08	1
207.12	1
209.14	1
210.09	1
211.08	1
213.01	1
213.08	1
214.13	1
215.09	1
215.11	1
217.08	1
217.09	1
219.12	1
220.13	1
221.03	1
223.08	1
225.01	1
225.11	1
225.12	1
227	1
229.14	1
230.14	1
231.16	1
235.07	1
235.12	1
235.13	1
236.13	1
239.09	1
239.14	1
240.16	1
241.08	1
241.11	1
243.12	1
245.14	1
245.17	1
246.17	4
246.18	1
247.10	3
247.15	1
247.17	1
247.18	4
247.19	2
248.13	1
248.15	2
249.13	1
250.13	1
250.15	4
251.09	1
251.10	1
251.13	1
251.16	1
252.10	1
253.09	1
253.14	1
254.04	1
258.17	4
258.18	1
259.03	1
259.15	1
259.20	1
260.15	1



Row Labels	Count of Name
381.25	1
383.19	1
383.23	1
383.25	1
385.2	1
385.23	1
385.24	1
385.26	1
387.21	1
387.22	1
389.22	1
391.18	1
391.19	1
391.27	1
391.28	1
393.2	1
393.25	1
395.21	1
395.22	1
395.23	1
397.25	1
399.22	1
399.24	2
403.25	1
405.22	1
405.29	1
409.17	1
411.22	1
413.26	2
415.13	1
415.14	1
417.25	1
417.26	1
425.28	2
429.21	1
429.22	1
439.3	1
442.23	1
467.33	1
475.15	1
475.16	1
<b>Grand Total</b>	<b>674</b>

Row Labels	Count of Name
379.24	1
379.27	1
381.22	1
381.25	1
383.19	1
383.23	1
383.25	1
385.2	1
385.23	1
385.24	1
385.26	1
387.21	1
387.22	1
389.22	1
391.18	1
391.19	1
391.27	1
391.28	1
393.2	1
393.25	1
395.21	1
395.22	1
395.23	1
397.25	1
399.22	1
403.25	1
405.22	1
405.29	1
409.17	1
411.22	1
415.13	1
415.14	1
417.25	1
417.26	1
429.21	1
429.22	1
439.3	1
442.23	1
467.33	1
475.15	1
475.16	1

Row Labels	Count of Name
260.19	9
261.12	1
262.15	2
262.17	3
263.07	1
264.10	1
264.16	3
266.12	3
266.14	1
266.18	1
269.15	1
270.14	2
271.12	1
271.24	1
272.19	1
273.07	1
274.17	1
274.20	1
276.18	1
278.12	1
278.16	1
278.18	1
279.16	1
280.13	1
280.16	1
280.19	5
280.20	2
281.14	1
282.17	1
284.15	1
286.11	1
286.20	1
288.13	1
288.18	1
288.22	1
290.15	1
294.15	1
294.17	2
298.18	1
300.15	1
300.22	1
304.10	1
306.15	1
308.19	4
310.07	1
312.18	1

Row Labels	Count of Name
251.16	1
252.1	1
253.09	1
253.14	1
254.04	1
258.18	1
259.03	1
259.15	1
259.2	1
260.15	1
261.12	1
263.07	1
264.1	1
266.14	1
266.18	1
269.15	1
271.12	1
271.24	1
272.19	1
273.07	1
274.17	1
274.2	1
276.18	1
278.12	1
278.16	1
278.18	1
279.16	1
280.13	1
280.16	1
280.19	1
280.20	1
281.14	1
282.17	1
284.15	1
286.11	1
286.2	1
288.13	1
288.18	1
288.22	1
290.15	1
294.15	1
298.18	1
300.15	1
300.22	1
304.1	1
306.15	1
310.07	1
312.18	1

Row Labels	Count of Name
314.16	1
324.15	1
342.15	1
<b>Grand Total</b>	<b>674</b>

Row Labels	Count of Name
314.16	1
324.15	1
342.15	1

Subtype 1 Opioid  
 Subtype 2 Nitazene  
 Subtype 3 (All)

Common Fragments of Nitazene Analog Compounds

Subtype 1 Opioid  
 Subtype 2 Nitazene  
 Subtype 3 (All)

Neutral Losses of Nitazene Analog Compounds

Row Labels	Count of Name
44.05	26
56.05	7
69.07	5
72.08	30
84.08	3
96.08	1
98.09	2
98.1	5
100.11	26
101.09	1
105.07	1
107.04	1
107.05	16
109.04	1
112.11	4
121.06	4
121.07	1
125.01	1
133.06	1
133.07	1
133.1	1
135.04	1
135.08	6
137.04	1
149.02	1
149.06	1
149.1	1
158.07	1
168.17	1
176.05	2
179.11	1
233.12	1
234.12	1
238.11	1
248.13	1
250.11	3
252.11	1
270.08	1
284.1	1
298.13	1
312.13	1
312.14	1

Row Labels	Count of Name
44.05	26
56.05	7
69.07	5
72.08	30
84.08	3
96.08	1
98.09	2
98.1	5
100.11	26
101.09	1
105.07	1
107.04	1
107.05	16
109.04	1
112.11	4
121.06	4
121.07	1
125.01	1
133.06	1
133.07	1
133.1	1
135.04	1
135.08	6
137.04	1
149.02	1
149.06	1
149.1	1
158.07	1
168.17	1
176.05	2
179.11	1
233.12	1
234.12	1
238.11	1
248.13	1
250.11	3
252.11	1
270.08	1
284.1	1
298.13	1
312.13	1
312.14	1

Row Labels	Count of Name
-0.01	3
0.00	42
0.01	5
71.06	1
71.07	1
71.08	2
73.09	1
85.09	1
113.13	1
117.07	2
119.08	4
150.04	1
161.13	1
169.19	1
183.17	1
193.14	1
207.16	1
215.14	1
215.15	1
217.16	2
223.12	1
232.20	1
238.11	2
243.17	1
252.12	1
252.13	1
253.09	1
259.20	2
260.13	3
262.14	8
262.15	4
265.16	1
266.14	4
267.10	1
267.14	1
269.08	3
271.08	1
274.14	3
280.16	2
281.12	1
281.15	1
283.10	3

Row Labels	Count of Name
0	42
311.13	11
339.16	9
262.14	8
297.11	7
325.14	7
353.17	6
0.01	5
294.17	5
119.08	4
262.15	4
266.14	4
-0.01	3
260.13	3
269.08	3
274.14	3
283.1	3
302.17	3
318.2	3
322.2	3
367.19	3
381.2	3
71.08	2
117.07	2
217.16	2
238.11	2
259.2	2
280.16	2
295.1	2
295.13	2
323.13	2
340.15	2
351.16	2
71.06	1
71.07	1
73.09	1
85.09	1
113.13	1
150.04	1
161.13	1
169.19	1
183.17	1

Row Labels	Count of Name
318.2	1
318.21	1
336.21	1
338.15	1
338.22	1
350.22	1
352.24	1
353.19	1
353.2	1
355.18	1
366.25	3
367.18	1
367.21	1
369.19	2
369.2	1
371.19	1
381.18	1
381.19	2
381.26	1
381.27	1
383.2	1
383.21	3
387.16	1
395.21	3
395.24	1
397.22	1
399.18	1
409.21	1
409.22	4
411.24	4
423.24	1
425.25	3
425.26	1
434.24	1
441.25	1
<b>Grand Total</b>	<b>218</b>

Row Labels	Count of Name
318.2	1
318.21	1
336.21	1
338.15	1
338.22	1
350.22	1
352.24	1
353.19	1
353.2	1
355.18	1
366.25	3
367.18	1
367.21	1
369.19	2
369.2	1
371.19	1
381.18	1
381.19	2
381.26	1
381.27	1
383.2	1
383.21	3
387.16	1
395.21	3
395.24	1
397.22	1
399.18	1
409.21	1
409.22	4
411.24	4
423.24	1
425.25	3
425.26	1
434.24	1
441.25	1

Row Labels	Count of Name
287.05	1
288.16	1
290.17	1
294.17	5
295.10	2
295.13	2
297.11	7
299.07	1
299.11	1
302.17	3
302.18	1
304.19	1
308.19	1
309.15	1
309.18	1
311.12	1
311.13	11
312.12	1
313.14	1
315.08	1
316.19	1
318.20	3
322.20	3
323.13	2
323.16	1
325.14	7
327.10	1
327.19	1
334.13	1
337.21	1
339.16	9
340.15	2
341.14	1
343.11	1
351.16	2
351.19	1
353.17	6
354.17	1
355.13	1
362.16	1
367.19	3
369.17	1
381.20	3
390.19	1
397.20	1
<b>Grand Total</b>	<b>218</b>

Row Labels	Count of Name
193.14	1
207.16	1
215.14	1
215.15	1
223.12	1
232.2	1
243.17	1
252.12	1
252.13	1
253.09	1
265.16	1
267.1	1
267.14	1
271.08	1
281.12	1
281.15	1
287.05	1
288.16	1
290.17	1
299.07	1
299.11	1
302.18	1
304.19	1
308.19	1
309.15	1
309.18	1
311.12	1
312.12	1
313.14	1
315.08	1
316.19	1
318.20	3
322.20	3
323.13	2
323.16	1
325.14	7
327.10	1
327.19	1
334.13	1
337.21	1
339.16	9
340.15	2
341.14	1
343.11	1
351.16	2
351.19	1
353.17	6
354.17	1
355.13	1
362.16	1
367.19	3
369.17	1
381.20	3
390.19	1
397.2	1

Subtype 1 Synthetic Cannabinoid  
 Subtype 2 (All)  
 Subtype 3 (All)

Common Fragments of SCRA  
 Compounds

Subtype 1 Synthetic Cannabinoid  
 Subtype 2 (All)  
 Subtype 3 (All)

Neutral Losses of SCRA Compounds

Row Labels	Count of Name
43.05	3
51.02	5
55.05	4
57.07	1
58.07	4
69.07	5
70.06	1
70.07	2
71.09	1
72.08	2
73.06	1
76.08	1
77.04	8
79.05	7
79.06	1
83.03	4
83.05	1
83.09	1
85.1	1
86.1	7
88.08	1
91.05	12
91.06	1
93.07	11
94.03	2
95.05	1
97.1	7
98.06	1
98.1	5
100.08	2
100.11	3
101.04	1
103.05	1
103.07	1
105.03	7
105.07	2
107.05	5
107.08	5
107.09	13
109.04	25
109.05	3
109.1	1

Row Labels	Count of Name
144.04	72
145.04	70
155.05	46
127.05	41
116.05	30
214.12	30
213.1	27
109.04	25
233.11	24
232.11	23
135.12	20
125.1	18
177.05	18
158.06	16
212.11	16
107.09	13
215.12	13
91.05	12
93.07	11
141.07	11
253.08	11
114.09	10
188.14	10
241.13	10
252.08	10
119.08	9
350.19	9
77.04	8
132.08	8
304.18	8
356.2	8
370.22	8
378.22	8
79.05	7
86.1	7
97.1	7
105.03	7
119.09	7
135.04	7
222.95	7
240.14	7
342.19	7

Row Labels	Count of Name
0	334
20	1
28	1
46	3
60	1
338	1
-0.01	12
315.13	1
316.13	1
317.12	1
203.13	1
143.07	3
237.15	1
188.13	2
174.1	1
158.1	2
118.07	2
285.15	2
311.17	1
299.17	1
283.14	2
303.14	1
135.1	9
133.09	2
117.11	1
319.17	2
248.14	1
306.16	1
164.07	1
206.12	1
280.16	1
148.06	1
176.06	1
221.14	2
97.08	1
232.16	1
232.12	2
132.06	1
269.09	1
282.25	1
360.26	2
346.25	1

Row Labels	Count of Name
0	591
45.02	39
128.06	31
17.03	28
145.11	25
18.01	23
130.11	23
17.02	18
60.02	17
98.11	15
215.14	14
187.14	14
-0.01	12
118.08	12
128.07	12
198.14	12
131.1	12
215.13	11
241.15	10
131.09	10
46.01	10
0.01	10
45.03	10
135.1	9
116.1	9
32.02	9
113.08	8
205.13	7
32.03	7
116.09	7
145.05	7
288.15	6
230.14	6
33.03	6
201.15	6
233.13	6
142.08	6
144.06	6
161.08	5
259.14	5
212.16	5
151.1	5

Row Labels	Count of Name
111	1
112.11	6
113.11	1
114.09	10
114.13	1
115.05	5
116.05	30
117.04	5
117.05	2
117.07	1
118.06	3
118.07	1
119.05	2
119.08	9
119.09	7
120.08	1
121.06	5
121.1	1
125.01	1
125.04	2
125.06	1
125.09	1
125.1	18
126.05	2
127.05	41
128.05	1
129.05	1
130.06	6
130.07	1
131.05	1
132.08	8
134.64	1
135.04	7
135.12	20
137.08	1
137.13	1
138.99	1
139.11	1
141.07	11
141.14	1
142.04	1
144.04	72
144.05	1
144.08	2
145.04	70
145.05	3

Row Labels	Count of Name
364.2	7
112.11	6
130.06	6
201.1	6
224.09	6
226.1	6
336.2	6
343.18	6
363.21	6
376.18	6
384.23	6
51.02	5
69.07	5
98.1	5
107.05	5
107.08	5
115.05	5
117.04	5
121.06	5
185.06	5
200.11	5
206.13	5
230.13	5
234.09	5
248.08	5
286.19	5
312.21	5
314.19	5
318.2	5
328.17	5
358.18	5
365.2	5
366.18	5
420.1	5
55.05	4
58.07	4
83.03	4
157.06	4
169.06	4
189.05	4
217.1	4
228.14	4
238.1	4
303.19	4
306.19	4
324.15	4

Row Labels	Count of Name
161.08	5
118.08	12
71.07	1
112.1	1
165.12	4
305.15	2
324.12	1
308.1	1
217.15	2
307.1	1
239.14	1
387.05	1
315.12	1
338.1	1
316.2	1
281.96	2
217.11	2
298.17	1
158.11	2
188.12	1
288.15	6
264.24	1
259.13	4
273.15	3
277.12	3
73.09	1
257.12	1
99.03	1
231.12	2
289.14	3
114.11	1
135.99	1
209.15	1
57.06	2
88.07	3
141.12	2
306.18	1
291.18	1
71.08	2
321.17	1
325.16	1
288.19	1
289.19	1
271.2	1
305.18	1
184.1	1

Row Labels	Count of Name
231.14	5
173.12	5
201.17	5
198.17	5
229.15	5
249.12	5
228.16	5
186.17	5
165.12	4
259.13	4
179.13	4
205.15	4
113.09	4
230.15	4
127.1	4
258.14	4
274.14	4
201.11	4
117.08	4
201.12	4
33.04	4
233.12	4
184.13	4
233.18	4
199.16	4
170.11	4
187.16	4
219.16	4
213.15	4
97.09	4
151.14	4
128.08	4
184.12	4
164.1	4
144.07	4
18.02	4
145.1	4
46	3
143.07	3
273.15	3
277.12	3
289.14	3
88.07	3
87.07	3
261.12	3
247.16	3

Row Labels	Count of Name	Row Labels	Count of Name	Row Labels	Count of Name	Row Labels	Count of Name
145.08	1	331.21	4	179.13	4	60.03	3
146.05	1	344.2	4	244.14	1	255.17	3
147.05	1	346.21	4	197.1	1	187.13	3
149.02	3	352.15	4	163.14	1	135.11	3
149.06	1	355.24	4	187.06	1	46.04	3
151.07	1	357.22	4	202.07	1	74.07	3
155.02	1	357.23	4	313.11	1	214.14	3
155.05	46	358.19	4	314.1	1	219.17	3
155.06	1	358.21	4	252.2	1	212.19	3
155.08	1	359.18	4	164.08	1	200.19	3
155.09	2	360.18	4	205.15	4	227.19	3
156.04	1	361.17	4	191.13	1	156.1	3
156.07	1	361.2	4	228.15	2	144.15	3
157.06	4	368.2	4	310.11	1	159.09	3
157.07	1	372.2	4	266.96	1	122.08	3
157.08	1	372.23	4	164.06	1	82.08	3
158.06	16	374.19	4	189.05	1	43.99	3
159.03	1	374.22	4	204.05	1	169.06	3
159.06	1	376.15	4	311.09	1	148.12	3
161.01	2	377.17	4	192.06	1	158.07	3
162.06	1	377.22	4	339.06	1	136.06	3
162.07	2	378.16	4	260.19	1	172.05	3
163.08	1	379.18	4	189.09	1	173.1	3
164.11	1	379.2	4	343.1	1	143.08	3
166.07	1	382.22	4	272.18	1	146.06	3
167.06	1	383.18	4	113.09	4	130.12	3
168.96	1	384.17	4	215.14	14	70.08	3
169.06	4	385.19	4	230.15	4	188.13	2
169.07	3	386.19	4	127.1	4	158.1	2
169.1	1	396.23	4	259.14	5	118.07	2
170.06	1	397.19	4	274.15	1	285.15	2
170.07	1	418.33	4	270.15	1	283.14	2
171.04	1	421.09	4	276.14	1	133.09	2
171.06	3	43.05	3	300.17	1	319.17	2
171.09	1	100.11	3	87.06	1	221.14	2
172.08	2	109.05	3	176.13	1	232.12	2
173.04	2	118.06	3	153.15	1	360.26	2
173.1	1	145.05	3	222.19	1	305.15	2
174.05	3	149.02	3	128.07	12	217.15	2
174.06	2	169.07	3	74.04	2	281.96	2
175.05	2	171.06	3	60.02	17	217.11	2
176.07	2	174.05	3	292.16	1	158.11	2
177.05	18	176.07	3	274.17	1	231.12	2
177.06	1	179.07	3	277.16	1	57.06	2
178.12	1	183.08	3	307.15	1	141.12	2
179.07	3	199.09	3	311.14	1	71.08	2

Row Labels	Count of Name	Row Labels	Count of Name	Row Labels	Count of Name	Row Labels	Count of Name
181.12	1	200.14	3	275.17	1	228.15	2
183.01	1	219.09	3	257.18	2	74.04	2
183.08	3	230.12	3	301.18	1	257.18	2
184.06	1	230.93	3	273.18	1	291.17	2
184.08	1	242.15	3	87.07	3	218.18	2
185.06	5	273.1	3	291.17	2	106.08	2
185.07	2	290.15	3	198.14	12	287.16	2
186.04	1	298.19	3	212.16	5	227.13	2
186.09	2	300.21	3	218.18	2	265.09	2
186.13	2	308.04	3	239.11	1	249.13	2
187.09	1	314.22	3	106.08	2	248.13	2
187.12	1	326.22	3	207.11	1	159.1	2
188.05	1	340.2	3	282.12	1	243.17	2
188.14	10	346.19	3	258.14	4	272.15	2
189.01	2	356.17	3	274.13	1	260.13	2
189.03	1	361.19	3	287.16	2	278.14	2
189.05	4	362.19	3	205.13	7	243.16	2
190.12	1	368.21	3	255.16	1	275.13	2
191.06	1	378.17	3	360.99	1	289.15	2
193.02	1	387.29	3	405.98	1	216.13	2
194.06	1	396.21	3	285.11	1	271.1	2
197.07	1	398.19	3	293.17	1	269.18	2
197.1	1	70.07	2	350.06	1	275.11	2
198.09	2	72.08	2	165.06	1	213.16	2
199.09	3	94.03	2	405.02	1	261.17	2
200.11	5	100.08	2	327.12	1	243.13	2
200.12	1	105.07	2	227.13	2	242.13	2
200.14	3	117.05	2	253.09	1	242.14	2
201.09	1	119.05	2	120.06	1	172.15	2
201.1	6	125.04	2	241.15	10	247.09	2
202.93	2	126.05	2	265.09	2	127.13	2
203.07	1	144.08	2	267.16	1	235.14	2
203.12	1	155.09	2	151.1	5	219.14	2
204.02	1	161.01	2	73.02	1	185.12	2
204.96	1	162.07	2	214.13	1	205.12	2
204.97	1	172.08	2	240.13	1	225.09	2
206.07	1	173.04	2	128.06	31	250.1	2
206.1	2	174.06	2	231.14	5	231.13	2
206.13	5	175.05	2	245.16	1	213.12	2
206.14	1	185.07	2	229.13	1	227.16	2
207.13	1	186.09	2	249.13	2	197.18	2
211.07	1	186.13	2	257.16	1	100.05	2
212.11	16	189.01	2	204.17	1	162.03	2
213.05	2	198.09	2	296.11	1	201.16	2
213.07	2	202.93	2	261.15	1	250.11	2
213.1	27	206.1	2	258.17	1	276.06	2



Row Labels	Count of Name	Row Labels	Count of Name	Row Labels	Count of Name	Row Labels	Count of Name
214.12	30	213.05	2	204.16	1	230.17	2
214.16	2	213.07	2	244.16	1	159.15	2
215.11	1	214.16	2	274.14	4	217.17	2
215.12	13	218.1	2	190.15	1	232.14	2
215.14	1	223.18	2	262.17	1	198.15	2
216.07	1	225.08	2	246.17	1	232.13	2
216.1	1	225.1	2	300.15	1	214.15	2
216.11	1	226.16	2	215.13	11	226.18	2
217.1	4	227.06	2	260.15	1	196.13	2
217.12	1	227.08	2	173.12	5	107.08	2
218.1	2	229.13	2	264.16	1	213.17	2
219.09	3	231.08	2	45.02	39	241.2	2
220.08	1	231.15	2	248.13	2	214.2	2
222.95	7	232.13	2	230.14	6	226.17	2
223.09	1	232.14	2	159.1	2	186.18	2
223.18	2	232.96	2	243.17	2	208.24	2
224.09	6	235.09	2	201.11	4	200.15	2
224.17	1	239.98	2	398.05	1	108.06	2
225.08	2	244.1	2	272.15	2	215.17	2
225.1	2	245.09	2	260.13	2	221.1	2
226.1	6	246.13	2	92.07	1	227.17	2
226.11	1	249.08	2	263.15	1	200.12	2
226.16	2	250.12	2	297.13	1	177.12	2
227.06	2	250.14	2	328.22	1	124.09	2
227.08	2	256.17	2	261.16	1	144.12	2
228.1	1	258.12	2	293.14	1	74.03	2
228.14	4	258.13	2	278.14	2	133.06	2
229.09	1	258.15	2	337.07	1	186.2	2
229.12	1	268.17	2	259.16	1	145.06	2
229.13	2	270.09	2	310.14	1	151.13	2
229.16	1	274.14	2	276.16	1	159.12	2
230.12	3	283.13	2	285.18	1	144.09	2
230.13	5	284.11	2	243.16	2	43.05	2
230.93	3	285.1	2	275.12	1	100.12	2
231.08	2	286.12	2	277.15	1	164.09	2
231.15	2	292.03	2	256.16	1	20.01	2
232.11	23	292.17	2	275.13	2	126.91	2
232.12	1	297.17	2	290.11	1	29.01	2
232.13	1	300.14	2	308.13	1	29.02	2
232.14	2	307.18	2	289.15	2	20	1
232.96	2	310.22	2	286.12	1	28	1
233.11	24	311.16	2	261.12	3	60	1
233.12	1	311.18	2	270.18	1	338	1
233.13	1	312.23	2	289.09	1	315.13	1
233.19	1	314.15	2	161.05	1	316.13	1
234.09	5	316.16	2	287.1	1	317.12	1

Row Labels	Count of Name	Row Labels	Count of Name	Row Labels	Count of Name	Row Labels	Count of Name
235.09	2	320.18	2	287.17	1	203.13	1
235.11	1	320.2	2	288.09	1	237.15	1
236.12	1	321.2	2	216.13	2	174.1	1
236.97	1	322.18	2	271.09	1	311.17	1
237.14	1	324.17	2	312.04	1	299.17	1
238.1	4	325.17	2	201.17	5	303.14	1
238.11	1	327.24	2	70.04	1	117.11	1
239.06	1	328.2	2	316.14	1	248.14	1
239.98	2	328.21	2	279.14	1	306.16	1
240.09	1	329.21	2	346.98	1	164.07	1
240.1	1	330.22	2	271.1	2	206.12	1
240.14	7	332.18	2	279.16	1	280.16	1
240.17	1	332.2	2	391.97	1	148.06	1
241.13	10	335.25	2	295.06	1	176.06	1
241.2	1	336.17	2	301.11	1	97.08	1
242.12	1	337.17	2	340.22	1	232.16	1
242.15	3	338.16	2	343.02	1	132.06	1
243.11	1	339.19	2	285.12	1	269.09	1
243.12	1	340.15	2	326.2	1	282.25	1
243.14	1	340.17	2	391.01	1	346.25	1
244.09	1	340.23	2	265.11	1	71.07	1
244.1	2	340.26	2	227.14	1	112.1	1
244.11	1	340.32	2	269.18	2	324.12	1
244.13	1	341.26	2	275.11	2	308.1	1
245.09	2	342.2	2	213.16	2	307.1	1
245.15	1	343.2	2	261.17	2	239.14	1
246.12	1	344.24	2	247.16	3	387.05	1
246.13	2	345.2	2	263.13	1	315.12	1
246.14	1	345.22	2	243.13	2	338.1	1
246.16	1	345.23	2	242.13	2	316.2	1
248.08	5	347.21	2	255.18	1	298.17	1
248.1	1	348.17	2	240.18	1	188.12	1
249.08	2	348.21	2	198.17	5	264.24	1
249.1	1	349.19	2	225.15	1	73.09	1
249.14	1	350.25	2	269.14	1	257.12	1
250.12	1	351.15	2	229.17	1	99.03	1
250.14	2	351.19	2	292.19	1	114.11	1
251.12	1	351.24	2	259.18	1	135.99	1
252.08	10	352.19	2	227.15	1	209.15	1
252.11	1	353.22	2	260.12	1	306.18	1
252.14	1	353.26	2	233.14	1	291.18	1
253.08	11	353.29	2	242.14	2	321.17	1
253.13	1	354.04	2	209.12	1	325.16	1
253.64	1	354.16	2	295.16	1	288.19	1
254.08	1	354.19	2	269.2	1	289.19	1
254.15	1	354.22	2	172.15	2	271.2	1

Row Labels	Count of Name
254.16	1
255.12	1
255.15	1
256.14	1
256.17	2
257.1	1
257.11	1
257.13	1
258.12	2
258.13	2
258.15	1
259.1	1
259.13	1
259.14	1
259.17	1
260.12	1
260.14	1
261.16	1
268.17	2
269.17	1
270.09	1
270.1	1
270.11	1
270.15	1
270.16	1
271.17	1
272.11	1
273.1	3
273.14	1
273.17	1
274.1	1
274.14	2
275.15	1
275.18	1
275.92	1
276.13	1
277.1	1
277.12	1
277.18	1
279.01	1
279.02	1
279.11	1
279.2	1
280.04	1
280.14	1
280.15	1

Row Labels	Count of Name
356.22	2
356.23	2
357.19	2
357.2	2
359.19	2
359.22	2
360.17	2
361.18	2
361.21	2
363.23	2
365.16	2
365.17	2
365.26	2
366.16	2
366.25	2
367.19	2
367.22	2
367.24	2
368.06	2
368.18	2
368.24	2
369.17	2
370.23	2
371.21	2
371.23	2
372.16	2
373.15	2
373.2	2
374.24	2
375.19	2
375.23	2
376.23	2
377.14	2
377.18	2
379.22	2
382.19	2
382.21	2
383.12	2
383.21	2
383.25	2
384.1	2
384.24	2
384.26	2
385.23	2
385.25	2
386.21	2

Row Labels	Count of Name
242.15	1
226.13	1
241.14	1
33.03	6
208.13	1
170.14	1
60.03	3
63.03	1
229.15	5
140.09	1
114.06	1
102.1	1
117.08	4
131.09	10
328.07	1
201.15	6
161.06	1
242.12	1
228.13	1
272.17	1
315.07	1
254.15	1
268.16	1
247.09	2
249.12	5
272.13	1
242.11	1
100.02	1
17.02	18
189.12	1
246.1	1
255.17	3
246.13	1
256.21	1
264.19	1
169.07	1
253.13	1
127.13	2
72.05	1
32.03	7
210.2	1
113.08	8
235.14	2
293.27	1
210.16	1
186.08	1

Row Labels	Count of Name
305.18	1
184.1	1
244.14	1
197.1	1
163.14	1
187.06	1
202.07	1
313.11	1
314.1	1
252.2	1
164.08	1
191.13	1
310.11	1
266.96	1
164.06	1
189.05	1
204.05	1
311.09	1
192.06	1
339.06	1
260.19	1
189.09	1
343.1	1
272.18	1
274.15	1
270.15	1
276.14	1
300.17	1
87.06	1
176.13	1
153.15	1
222.19	1
292.16	1
274.17	1
277.16	1
307.15	1
311.14	1
275.17	1
301.18	1
273.18	1
239.11	1
207.11	1
282.12	1
274.13	1
255.16	1
360.99	1

Row Labels	Count of Name
281.11	1
282.13	1
283.12	1
283.13	2
284.11	2
284.17	1
284.18	1
285.1	1
285.14	1
285.15	1
285.19	1
286.12	2
286.16	1
286.19	5
287.14	1
287.16	1
288.11	1
288.14	1
289.19	1
290.15	2
290.16	1
290.17	1
291.01	1
291.15	1
291.16	1
291.2	1
292.03	2
292.1	1
292.17	1
292.19	1
292.21	1
293.02	1
293.03	1
294.02	1
294.19	1
294.22	1
296.04	1
296.11	1
296.17	1
297.17	2
297.19	1
298.15	1
298.16	1
298.19	3
299.05	1
299.11	1

Row Labels	Count of Name
386.24	2
387.22	2
387.23	2
388.21	2
390.14	2
390.16	2
391.24	2
391.25	2
391.27	2
392.1	2
392.2	2
392.23	2
392.27	2
393.19	2
393.21	2
394.14	2
394.25	2
395.16	2
396.14	2
397.13	2
398.13	2
398.21	2
399.21	2
400.24	2
401.14	2
401.23	2
402.16	2
404.21	2
404.32	2
405.16	2
405.23	2
407.18	2
408.17	2
408.24	2
410.19	2
411.21	2
415.2	2
415.32	2
417.17	2
417.23	2
418.07	2
418.22	2
427.14	2
427.2	2
435.3	2
436.06	2

Row Labels	Count of Name
219.14	2
185.12	2
215.16	1
227.09	1
293.23	1
265.04	1
187.13	3
228.16	5
205.12	2
225.09	2
221.09	1
250.1	2
256.17	1
231.13	2
245.11	1
224.19	1
249.1	1
293.05	1
213.12	2
265.15	1
201.12	4
226.11	1
229.11	1
278.11	1
173.09	1
187.1	1
245.15	1
247.14	1
179.14	1
233.13	6
48.02	1
142.08	6
182.13	1
158.14	1
135.11	3
240.19	1
227.16	2
197.18	2
46.01	10
211.19	1
248.16	1
33.04	4
118.04	1
126.07	1
171.11	1
46.04	3

Row Labels	Count of Name
405.98	1
285.11	1
293.17	1
350.06	1
165.06	1
405.02	1
327.12	1
253.09	1
120.06	1
267.16	1
73.02	1
214.13	1
240.13	1
245.16	1
229.13	1
257.16	1
204.17	1
296.11	1
261.15	1
258.17	1
204.16	1
244.16	1
190.15	1
262.17	1
246.17	1
300.15	1
260.15	1
264.16	1
398.05	1
92.07	1
263.15	1
297.13	1
328.22	1
261.16	1
293.14	1
337.07	1
259.16	1
310.14	1
276.16	1
285.18	1
275.12	1
277.15	1
256.16	1
290.11	1
308.13	1
286.12	1

Row Labels	Count of Name
299.21	1
300.14	1
300.21	3
302.07	1
302.18	1
302.19	1
303.16	1
303.19	2
304.18	7
305.18	1
306.19	2
307.16	1
307.18	1
307.19	1
307.23	1
308.04	3
308.16	1
308.17	1
308.27	1
309.15	1
309.26	1
310.05	1
310.06	1
310.13	1
310.22	1
311.02	1
311.16	1
311.18	1
311.19	1
312.08	1
312.14	1
312.21	5
312.23	1
313.16	1
313.21	1
313.25	1
314.15	1
314.18	1
314.19	5
314.22	2
315.18	1
316.07	1
316.16	2
316.17	1
317.18	1
317.2	1

Row Labels	Count of Name
440.29	2
447.12	2
448.3	2
454.31	2
457.11	2
459.09	2
504.08	2
505.1	2
57.07	1
70.06	1
71.09	1
73.06	1
76.08	1
79.06	1
83.05	1
83.09	1
85.1	1
88.08	1
91.06	1
95.05	1
98.06	1
101.04	1
103.05	1
103.07	1
109.1	1
111	1
113.11	1
114.13	1
117.07	1
118.07	1
120.08	1
121.1	1
125.01	1
125.06	1
125.09	1
128.05	1
129.05	1
130.07	1
131.05	1
134.64	1
137.08	1
137.13	1
138.99	1
139.11	1
141.14	1
142.04	1

Row Labels	Count of Name
175.1	1
18.01	23
74.07	3
119.04	1
100.05	2
131.1	12
17.03	28
108.05	1
229.14	1
162.03	2
217.14	1
244.56	1
322.07	1
201.16	2
187.14	14
312.08	1
370.06	1
250.11	2
265.1	1
261.11	1
282.11	1
300.18	1
309.04	1
233.12	4
256.15	1
205.2	1
235.11	1
257.15	1
220.15	1
317.18	1
238.2	1
184.13	4
249.09	1
267.03	1
273.16	1
145.09	1
233.18	4
276.06	2
230.17	2
249.15	1
213.18	1
214.14	3
219.17	3
197.16	1
228.12	1
247.2	1

Row Labels	Count of Name
270.18	1
289.09	1
161.05	1
287.1	1
287.17	1
288.09	1
271.09	1
312.04	1
70.04	1
316.14	1
279.14	1
346.98	1
279.16	1
391.97	1
295.06	1
301.11	1
340.22	1
343.02	1
285.12	1
326.2	1
391.01	1
265.11	1
227.14	1
263.13	1
255.18	1
240.18	1
225.15	1
269.14	1
229.17	1
292.19	1
259.18	1
227.15	1
260.12	1
233.14	1
209.12	1
295.16	1
269.2	1
242.15	1
226.13	1
241.14	1
208.13	1
170.14	1
63.03	1
140.09	1
114.06	1
102.1	1

Row Labels	Count of Name
317.21	1
317.24	1
318.16	1
318.2	5
319.16	1
319.18	1
320.15	1
320.17	1
320.18	2
320.2	1
321.17	1
321.2	1
322.02	1
322.13	1
322.18	1
322.25	1
323.15	1
323.3	1
324.15	4
324.17	2
324.19	1
325.17	2
325.19	1
325.2	1
325.23	1
326.16	1
326.19	1
326.22	3
326.23	1
327.14	1
327.21	1
327.23	1
327.24	1
328.17	3
328.18	1
328.2	2
328.21	1
329.15	1
329.18	1
329.21	1
330.18	1
330.22	1
331.18	1
331.21	2
331.22	1
332.18	2

Row Labels	Count of Name
144.05	1
145.08	1
146.05	1
147.05	1
149.06	1
151.07	1
155.02	1
155.06	1
155.08	1
156.04	1
156.07	1
157.07	1
157.08	1
159.03	1
159.06	1
162.06	1
163.08	1
164.11	1
166.07	1
167.06	1
168.96	1
169.1	1
170.06	1
170.07	1
171.04	1
171.09	1
173.1	1
177.06	1
178.12	1
181.12	1
183.01	1
184.06	1
184.08	1
186.04	1
187.09	1
187.12	1
188.05	1
189.03	1
190.12	1
191.06	1
193.02	1
194.06	1
197.07	1
197.1	1
200.12	1
201.09	1

Row Labels	Count of Name
252.17	1
159.15	2
170.18	1
212.19	3
178.14	1
199.16	4
217.17	2
231.15	1
232.14	2
195.15	1
198.15	2
232.13	2
162.15	1
176.16	1
200.19	3
201.18	1
214.15	2
227.19	3
244.17	1
226.18	2
267.17	1
196.13	2
167.12	1
232.11	1
254.17	1
264.2	1
192.16	1
234.18	1
196.11	1
231.19	1
170.11	4
241.21	1
224.16	1
240.06	1
107.08	2
156.1	3
233.17	1
183.16	1
242.19	1
213.17	2
241.2	2
144.15	3
187.16	4
214.2	2
219.16	4
226.17	2

Row Labels	Count of Name
328.07	1
161.06	1
242.12	1
228.13	1
272.17	1
315.07	1
254.15	1
268.16	1
272.13	1
242.11	1
100.02	1
189.12	1
246.1	1
246.13	1
256.21	1
264.19	1
169.07	1
253.13	1
72.05	1
210.2	1
293.27	1
210.16	1
186.08	1
215.16	1
227.09	1
293.23	1
265.04	1
221.09	1
256.17	1
245.11	1
224.19	1
249.1	1
293.05	1
265.15	1
226.11	1
229.11	1
278.11	1
173.09	1
187.1	1
245.15	1
247.14	1
179.14	1
48.02	1
182.13	1
158.14	1
240.19	1

Row Labels	Count of Name
332.19	1
332.2	2
333.16	1
333.17	1
334.15	1
334.16	1
334.18	1
334.19	1
335.19	1
335.25	1
336.03	1
336.17	1
336.2	3
336.26	1
337.17	2
337.26	1
338.16	2
338.17	1
339.18	1
339.19	1
339.21	1
340.14	1
340.15	1
340.17	1
340.2	3
340.23	1
340.26	1
340.32	1
341.18	1
341.2	1
341.26	1
342.18	1
342.19	4
342.2	2
342.21	1
342.22	1
343.18	3
343.19	1
343.2	2
343.21	1
344.16	1
344.2	2
344.23	1
344.24	1
345.2	2
345.22	1

Row Labels	Count of Name
203.07	1
203.12	1
204.02	1
204.96	1
204.97	1
206.07	1
206.14	1
207.13	1
211.07	1
215.11	1
215.14	1
216.07	1
216.1	1
216.11	1
217.12	1
220.08	1
223.09	1
224.17	1
226.11	1
228.1	1
229.09	1
229.12	1
229.16	1
232.12	1
233.12	1
233.13	1
233.19	1
235.11	1
236.12	1
236.97	1
237.14	1
238.11	1
239.06	1
240.09	1
240.1	1
240.17	1
241.2	1
242.12	1
243.11	1
243.12	1
243.14	1
244.09	1
244.11	1
244.13	1
245.15	1
246.12	1

Row Labels	Count of Name
130.11	23
159.14	1
212.15	1
220.16	1
202.17	1
226.2	1
247.19	1
276.05	1
186.17	5
216.15	1
145.11	25
223.17	1
228.11	1
229.2	1
252.16	1
186.18	2
213.15	4
232.1	1
216.16	1
220.13	1
208.24	2
206.19	1
200.15	2
153.09	1
159.09	3
108.06	2
169.19	1
129.16	1
243.25	1
164.23	1
97.09	4
264.25	1
117.12	1
279.13	1
196.19	1
241.18	1
229.18	1
215.17	2
156.16	1
198.11	1
218.1	1
221.1	2
265.05	1
227.17	2
263.17	1
255.14	1

Row Labels	Count of Name
211.19	1
248.16	1
118.04	1
126.07	1
171.11	1
175.1	1
119.04	1
108.05	1
229.14	1
217.14	1
244.56	1
322.07	1
312.08	1
370.06	1
265.1	1
261.11	1
282.11	1
300.18	1
309.04	1
256.15	1
205.2	1
235.11	1
257.15	1
220.15	1
317.18	1
238.2	1
249.09	1
267.03	1
273.16	1
145.09	1
249.15	1
213.18	1
197.16	1
228.12	1
247.2	1
252.17	1
170.18	1
178.14	1
231.15	1
195.15	1
162.15	1
176.16	1
201.18	1
244.17	1
267.17	1
167.12	1

Row Labels	Count of Name
345.23	2
346.19	2
346.21	2
347.15	1
347.18	1
347.21	2
347.26	1
348.15	1
348.17	2
348.19	1
348.21	1
349.19	1
349.2	1
349.23	1
350.19	5
350.25	1
351.15	2
351.19	2
351.24	1
352.15	4
352.18	1
352.19	1
352.2	1
353.06	1
353.16	1
353.17	1
353.22	2
353.26	1
353.29	1
354.04	1
354.12	1
354.15	1
354.16	1
354.19	1
354.21	1
354.22	2
354.29	1
355.24	2
356.16	1
356.17	3
356.2	4
356.21	1
356.22	1
356.23	1
357.11	1
357.18	1

Row Labels	Count of Name
246.14	1
246.16	1
248.1	1
249.1	1
249.14	1
251.12	1
252.11	1
252.14	1
253.13	1
253.64	1
254.08	1
254.15	1
254.16	1
255.12	1
255.15	1
256.14	1
257.1	1
257.11	1
257.13	1
259.1	1
259.13	1
259.14	1
259.17	1
260.12	1
260.14	1
261.16	1
269.17	1
270.1	1
270.11	1
270.15	1
270.16	1
271.17	1
272.11	1
273.14	1
273.17	1
274.1	1
275.15	1
275.18	1
275.92	1
276.13	1
277.1	1
277.12	1
277.18	1
279.01	1
279.02	1
279.11	1

Row Labels	Count of Name
151.14	4
137.12	1
247.11	1
156.12	1
223.16	1
187.12	1
200.12	2
185.14	1
219.11	1
225.23	1
289.24	1
165.11	1
177.12	2
128.08	4
146.07	1
78.04	1
124.09	2
163.08	1
269.19	1
206.17	1
152.01	1
122.08	3
185.13	1
144.12	2
230.05	1
128.13	1
140.15	1
96.04	1
74.03	2
82.08	3
173.14	1
184.12	4
199.13	1
154.17	1
191.16	1
187.15	1
167.14	1
138.09	1
213.13	1
256.19	1
188.16	1
223.2	1
264.11	1
56.06	1
199.06	1
206.15	1

Row Labels	Count of Name
232.11	1
254.17	1
264.2	1
192.16	1
234.18	1
196.11	1
231.19	1
241.21	1
224.16	1
240.06	1
233.17	1
183.16	1
242.19	1
159.14	1
212.15	1
220.16	1
202.17	1
226.2	1
247.19	1
276.05	1
216.15	1
223.17	1
228.11	1
229.2	1
252.16	1
232.1	1
216.16	1
220.13	1
206.19	1
153.09	1
169.19	1
129.16	1
243.25	1
164.23	1
264.25	1
117.12	1
279.13	1
196.19	1
241.18	1
229.18	1
156.16	1
198.11	1
218.1	1
265.05	1
263.17	1
255.14	1



Row Labels	Count of Name	Row Labels	Count of Name	Row Labels	Count of Name	Row Labels	Count of Name
357.19	1	279.2	1	165.08	1	137.12	1
357.2	1	280.04	1	93.06	1	247.11	1
357.22	2	280.14	1	161.09	1	156.12	1
357.23	2	280.15	1	179.1	1	223.16	1
358.16	1	281.11	1	43.99	3	187.12	1
358.17	1	282.13	1	118.05	1	185.14	1
358.18	3	283.12	1	164.1	4	219.11	1
358.19	2	284.17	1	133.06	2	225.23	1
358.21	2	284.18	1	169.06	3	289.24	1
359.17	1	285.14	1	195.96	1	165.11	1
359.18	2	285.15	1	167.07	1	146.07	1
359.19	1	285.19	1	212.18	1	78.04	1
359.22	1	286.16	1	164.12	1	163.08	1
359.24	1	287.14	1	137.09	1	269.19	1
360.17	1	287.16	1	163.12	1	206.17	1
360.18	2	288.11	1	148.12	3	152.01	1
360.21	1	288.14	1	158.07	3	185.13	1
361.17	2	289.19	1	136.06	3	230.05	1
361.18	1	290.16	1	186.2	2	128.13	1
361.19	3	290.17	1	172.05	3	140.15	1
361.2	2	291.01	1	173.1	3	96.04	1
361.21	1	291.15	1	97.06	1	173.14	1
361.27	1	291.16	1	0.01	10	199.13	1
361.28	1	291.2	1	181.08	1	154.17	1
362	1	292.1	1	98.11	15	191.16	1
362.19	2	292.19	1	199.1	1	187.15	1
362.2	1	292.21	1	187.19	1	167.14	1
362.21	1	293.02	1	143.17	1	138.09	1
362.22	1	293.03	1	153.11	1	213.13	1
363.21	3	294.02	1	148.07	1	256.19	1
363.22	1	294.19	1	150.12	1	188.16	1
363.23	1	294.22	1	91.08	1	223.2	1
364.1	1	296.04	1	38.02	1	264.11	1
364.11	1	296.11	1	155.11	1	56.06	1
364.2	5	296.17	1	207.99	1	199.06	1
365.16	2	297.19	1	102.08	1	206.15	1
365.17	2	298.15	1	118.12	1	165.08	1
365.2	3	298.16	1	136.1	1	93.06	1
365.26	1	299.05	1	152.07	1	161.09	1
366.16	2	299.11	1	164.04	1	179.1	1
366.18	3	299.21	1	231.06	1	118.05	1
366.25	1	302.07	1	145.06	2	195.96	1
367.19	1	302.18	1	205.98	1	167.07	1
367.22	1	302.19	1	158.08	1	212.18	1
367.24	1	303.16	1	144.06	6	164.12	1
368.06	1	305.18	1	143.08	3	137.09	1

Row Labels	Count of Name	Row Labels	Count of Name	Row Labels	Count of Name	Row Labels	Count of Name
368.18	1	307.16	1	144.07	4	163.12	1
368.2	2	307.19	1	126.03	1	97.06	1
368.21	2	307.23	1	169.98	1	181.08	1
368.24	1	308.16	1	146.06	3	199.1	1
369.12	1	308.17	1	200.21	1	187.19	1
369.17	1	308.27	1	57.05	1	143.17	1
369.18	1	309.15	1	116.09	7	153.11	1
369.19	1	309.26	1	151.13	2	148.07	1
369.28	1	310.05	1	159.12	2	150.12	1
370.15	1	310.06	1	145.05	7	91.08	1
370.16	1	310.13	1	162.17	1	38.02	1
370.22	4	311.02	1	18.02	4	155.11	1
370.23	1	311.19	1	144.09	2	207.99	1
370.25	1	312.08	1	17.04	1	102.08	1
371.21	1	312.14	1	97.1	1	118.12	1
371.23	1	313.16	1	116.1	9	136.1	1
371.24	1	313.21	1	42.05	1	152.07	1
371.25	1	313.25	1	43.05	2	164.04	1
372.13	1	314.18	1	173.04	1	231.06	1
372.15	1	315.18	1	171.07	1	205.98	1
372.16	1	316.07	1	130.12	3	158.08	1
372.2	2	316.17	1	173.05	1	126.03	1
372.23	2	317.18	1	43.98	1	169.98	1
373.15	1	317.2	1	173.18	1	200.21	1
373.2	1	317.21	1	134.11	1	57.05	1
373.23	1	317.24	1	156.09	1	162.17	1
374.19	2	318.16	1	100.12	2	17.04	1
374.2	1	319.16	1	84.09	1	97.1	1
374.21	1	319.18	1	218.17	1	42.05	1
374.22	2	320.15	1	159.13	1	173.04	1
374.24	1	320.17	1	145.1	4	171.07	1
375.15	1	321.17	1	135.08	1	173.05	1
375.19	1	322.02	1	164.09	2	43.98	1
375.2	1	322.13	1	201.97	1	173.18	1
375.23	1	322.25	1	183.98	1	134.11	1
376.1	1	323.15	1	76.07	1	156.09	1
376.15	2	323.3	1	85.11	1	84.09	1
376.17	1	324.19	1	70.08	3	218.17	1
376.18	3	325.19	1	146.1	1	159.13	1
376.23	1	325.2	1	152.12	1	135.08	1
377.14	1	325.23	1	32.02	9	201.97	1
377.17	3	326.16	1	144.49	1	183.98	1
377.18	1	326.19	1	136.13	1	76.07	1
377.22	3	326.23	1	128.09	1	85.11	1
377.23	1	327.14	1	114.07	1	146.1	1
377.31	1	327.21	1	125.01	1	152.12	1

Row Labels	Count of Name
378.11	1
378.16	2
378.17	2
378.22	6
379.18	3
379.2	2
379.21	1
379.22	1
380.14	1
380.15	1
382.12	1
382.19	1
382.21	1
382.22	2
383.12	1
383.18	2
383.19	1
383.21	1
383.25	1
384.1	1
384.17	2
384.21	1
384.23	3
384.24	1
384.26	1
385.19	2
385.21	1
385.23	1
385.25	1
386.19	2
386.2	1
386.21	1
386.24	1
387.22	1
387.23	1
387.24	1
387.29	2
388.2	1
388.21	1
390.14	1
390.16	1
391.22	1
391.24	1
391.25	1
391.27	1
392.1	2

Row Labels	Count of Name
327.23	1
328.18	1
329.15	1
329.18	1
330.18	1
331.18	1
331.22	1
332.19	1
333.16	1
333.17	1
334.15	1
334.16	1
334.18	1
334.19	1
335.19	1
336.03	1
336.26	1
337.26	1
338.17	1
339.18	1
339.21	1
340.14	1
341.18	1
341.2	1
342.18	1
342.21	1
342.22	1
343.19	1
343.21	1
344.16	1
344.23	1
347.15	1
347.18	1
347.26	1
348.15	1
348.19	1
349.2	1
349.23	1
352.18	1
352.2	1
353.06	1
353.16	1
353.17	1
354.12	1
354.15	1
354.21	1

Row Labels	Count of Name
136.12	1
110.07	1
20.01	2
126.91	2
115.08	1
126.14	1
105.03	1
45.03	10
63.04	1
70.07	1
45.01	1
29.01	2
134.1	1
89.02	1
115.06	1
42.04	1
29.02	2
18.1	1
95.93	1
46.09	1
96.1	1
22.08	1
60.01	1
17.07	1
0.14	1
0.05	1
-6.99	1
<b>Grand Total</b>	<b>1747</b>

Row Labels	Count of Name
144.49	1
136.13	1
128.09	1
114.07	1
125.01	1
136.12	1
110.07	1
115.08	1
126.14	1
105.03	1
63.04	1
70.07	1
45.01	1
134.1	1
89.02	1
115.06	1
42.04	1
18.1	1
95.93	1
46.09	1
96.1	1
22.08	1
60.01	1
17.07	1
0.14	1
0.05	1
-6.99	1

Row Labels	Count of Name
392.2	1
392.23	1
392.27	1
393.19	1
393.21	1
394.14	1
394.25	1
395.16	1
396.14	1
396.21	2
396.23	2
397.13	1
397.19	2
397.2	1
398.13	1
398.18	1
398.19	2
398.21	1
399.15	1
399.21	1
400.14	1
400.21	1
400.22	1
400.24	1
401.14	1
401.23	1
402.16	1
403.08	1
404.1	1
404.21	1
404.32	1
405.16	1
405.23	1
406.1	1
406.99	1
407.18	1
407.22	1
407.23	1
408.17	1
408.24	1
409.12	1
410.19	1
411.21	1
415.2	1
415.32	1
417.17	1

Row Labels	Count of Name
354.29	1
356.16	1
356.21	1
357.11	1
357.18	1
358.16	1
358.17	1
359.17	1
359.24	1
360.21	1
361.27	1
361.28	1
362	1
362.2	1
362.21	1
362.22	1
363.22	1
364.1	1
364.11	1
369.12	1
369.18	1
369.19	1
369.28	1
370.15	1
370.16	1
370.25	1
371.24	1
371.25	1
372.13	1
372.15	1
373.23	1
374.2	1
374.21	1
375.15	1
375.2	1
376.1	1
376.17	1
377.23	1
377.31	1
378.11	1
379.21	1
380.14	1
380.15	1
382.12	1
383.19	1
384.21	1

Row Labels	Count of Name
417.23	1
417.29	1
418.07	1
418.22	1
418.33	2
420.09	1
420.1	3
421.09	2
421.12	1
423.14	1
424.12	1
424.13	1
427.14	1
427.2	1
434.15	1
435.26	1
435.27	1
435.3	1
436.06	1
440.29	1
444.16	1
444.17	1
447.12	1
448.3	1
454.31	1
457.11	1
459.09	1
504.08	1
505.1	1
<b>Grand Total</b>	<b>1747</b>

Row Labels	Count of Name
385.21	1
386.2	1
387.24	1
388.2	1
391.22	1
397.2	1
398.18	1
399.15	1
400.14	1
400.21	1
400.22	1
403.08	1
404.1	1
406.1	1
406.99	1
407.22	1
407.23	1
409.12	1
417.29	1
420.09	1
421.12	1
423.14	1
424.12	1
424.13	1
434.15	1
435.26	1
435.27	1
444.16	1
444.17	1