付表1 危険ドラッグ及びその類似物質の測定結果 (1/8)

	保持時間 (min)	化合物名	組成式	精密質量 (M+H)	精密質量 (測定値)	質量誤差 (ppm)
1	3.951	2-thiothinone	C8H11NOS	170.0634	170.0631	-1.8
2	3.965	Phenibut	C10H13NO2	180.1019	180.0982	-20.6
3	5.192	HMMA	C11H17NO2	196.1332	196.1321	-5.6
4	5.351	TDIQ	C10H11NO2	178.0863	178.0853	-5.4
5	5.994	MDAI	C10H11NO2	178.0863	178.0861	-0.9
6	6.067	Methiopropamine 3'-thiophene isomer	C8H13NS	156.0841	156.0839	-1.6
7	6.099	N-methyl-2-AI	C10H13N	148.1121	148.1122	0.8
8	6.164	4-hydroxy MET	C13H18N2O	219.1492	219.1490	-0.8
9	6.176	5-AEDB	C10H13NO	164.1070	164.1065	-3.0
10	6.275	3-fluoromethcathinone	C10H12FNO	182.0976	182.0976	0.2
11	6.321	4-fluoromethcathinone	C10H12FNO	182.0976	182.0977	0.7
12	6.434	2,3-methylenedioxymethcathinone	C11H13NO3	208.0968	208.0968	-0.1
13	6.464	Acetyl norfentanyl	C13H18N2O	219.1492	219.1493	0.5
14	6.487	3,4-dimethoxymethcathinone	C12H17NO3	224.1281	224.1280	-0.5
15	6.498	bk-MDDMA	C12H15NO3	222.1125	222.1124	-0.3
16	6.511	5-IT	C11H14N2	175.1230	175.1227	-1.6
17	6.642	N-ethyl-N-methylcathinone	C12H17NO	192.1383	192.1383	0.1
18	6.665	2-fluoroamphetamine	C9H12FN	154.1027	154.1027	0.3
19	6.749	N-methyl-2-phenylpropan-1-amine	C10H15N	150.1277	150.1271	-4.2
20	6.756	α-pyrrolidinobutiothiophenone	C12H17NOS	224.1104	224.1104	0.2
21	6.758	bk-MDEA	C12H15NO3	222.1125	222.1125	0.2
22	6.780	4-hydroxy DET	C14H20N2O	233.1648	233.1647	-0.6
23	6.782	Methedrone	C11H15NO2	194.1176	194.1173	-1.3
24	6.851	4-hydroxy MiPT	C14H20N2O	233.1648	233.1649	0.3
25	6.892	4-fluoroamphetamine	C9H12FN	154.1027	154.1030	2.2
26	6.907	Buphedrone	C11H15NO	178.1226	178.1227	0.4
27	6.908	5-APDB	C11H15NO	178.1226	178.1217	-5.3
28	6.949	2,3-ethylone isomer	C12H15NO3	222.1125	222.1125	0.2
29	7.001	MTTA	C12H15NO	190.1226	190.1226	-0.2
30	7.004	4-methoxy-N,N-dimethylcathinone	C12H17NO2	208.1332	208.1333	0.5
31	7.005	4-APDB	C11H15NO	178.1226	178.1220	-3.6
32	7.021	2-fluoromethamphetamine	C10H14FN	168.1183	168.1184	0.6
33	7.074	6-APDB	C11H15NO	178.1226	178.1222	-2.4
34	7.109	5-methoxy methylone	C12H15NO4	238.1074	238.1076	0.9
35	7.127	3',4'-methylenedioxy-α-pyrrolidinopropiophenone	C14H17NO3	248.1281	248.1282	0.3
36	7.156	3'-fluoro-α-pyrrolidinopropiophenone	C13H16FNO	222.1289	222.1290	0.6
37	7.164	4'-fluoro-α-pyrrolidinopropiophenone	C13H16FNO	222.1289	222.1293	2.0
38	7.172	Butylone	C12H15NO3	222.1125	222.1126	0.6
39	7.186	2,3-MDMA	C11H15NO2	194.1176	194.1177	0.7
40	7.198	3-fluorophenmetrazine	C11H14FNO	196.1132	196.1134	0.9
41	7.204	Deschloroketamine	C13H17NO	204.1383	204.1382	-0.4
42	7.240	3-fluoromethamphetamine	C10H14FN	168.1183	168.1183	0.0
43	7.254	5-methoxy AMT	C12H16N2O	205.1335	205.1333	-1.2
44	7.260	4-fluoromethamphetamine	C10H14FN	168.1183	168.1183	0.0
45	7.309	2-methoxyamphetamine	C10H15NO	166.1226	166.1229	1.6
46	7.318	N-ethylbuphedrone	C12H17NO	192.1383	192.1385	1.1
47	7.364	4-acetoxy DMT	C14H18N2O2	247.1441	247.1445	1.6
48	7.445	3',4'-methylenedioxy-N,N-diethylcathinone	C14H19NO3	250.1438	250.1437	-0.3
49	7.447	MMDMA	C12H17NO3	224.1281	224.1281	-0.1
50	7.449	7-APDB	C11H15NO	178.1226	178.1219	-4.1
51	7.493	MMDA-2	C11H15NO3	210.1125	210.1125	0.2
52	7.495	3-chloromethcathinone	C10H12ClNO	198.0680	198.0678	-1.1
53	7.505	α-pyrrolidinobutiophenone	C14H19NO	218.1539	218.1541	0.8
54	7.508	4-methyl-N,N-dimethylcathinone	C12H17NO	192.1383	192.1383	0.1
55	7.560	4'-methoxy-α-pyrrolidinopropiophenone	C14H19NO2	234.1489	234.1489	0.2

付表1 危険ドラッグ及びその類似物質の測定結果 (2/8)

	保持時間 (min)	化合物名	組成式	精密質量 (M+H)	精密質量 (測定値)	質量誤差 (ppm)
56	7.612	Norfentanyl	C14H20N2O	233.1648	233.1639	-4.0
57	7.659	2-methoxymethamphetamine	C11H17NO	180.1383	180.1379	-2.1
58	7.669	6-APB	C11H13NO	176.1070	176.1063	-3.9
59	7.695	Mexedrone	C12H17NO2	208.1332	208.1316	-7.7
60	7.719	5-APB	C11H13NO	176.1070	176.1075	2.9
61	7.732	3',4'-methylenedioxy-α-pyrrolidinobutiophenone	C15H19NO3	262.1438	262.1440	0.9
62	7.754	4-methylethcathinone	C12H17NO	192.1383	192.1383	0.1
63	7.782	(+/-)-4-methylamphetamine	C10H15N	150.1277	150.1279	1.2
64	7.788	3-bromomethacathinone	C10H12BrNO	242.0175	242.0176	0.4
65	7.793	4-APB	C11H13NO	176.1070	176.1067	-1.6
66	7.793	4-acetoxy MET	C15H20N2O2	261.1598	261.1601	1.3
67	7.858	Methoxmetamine	C14H19NO2	234.1489	234.1484	-1.9
68	7.859	α-PVT	C13H19NOS	238.1260	238.1262	0.8
69	7.902	Dimethoxaine	C16H26N2O2	279.2067	279.2072	1.8
70	7.921	4-hydroxy DiPT	C16H24N2O	261.1961	261.1963	0.6
71	7.938	Isopentedrone	C12H17NO	192.1383	192.1383	0.1
72	7.950	4-bromomethcathinone	C10H12BrNO	242.0175	242.0173	-0.9
73	7.958	pentedrone	C12H17NO	192.1383	192.1383	0.1
74	7.960	6-MAPB	C12H15NO	190.1226	190.1223	-1.8
75	7.983	3,4-methylenedioxy-5-methylethylcathinone	C13H17NO3	236.1281	236.1281	-0.1
76	7.985	7-MAPB	C12H15NO	190.1226	190.1226	-0.2
77	7.992	5-MAPB	C12H15NO	190.1226	190.1223	-1.8
78	8.044	α-piperidinobutiophenone	C15H21NO	232.1696	232.1698	0.9
79	8.048	4'-methyl-α-pyrrolidinopropiophenone	C14H19NO	218.1539	218.1543	1.7
80	8.056	5-methoxy MiPT	C15H22N2O	247.1805	247.1804	-0.3
81	8.056	5-methoxy DET	C15H22N2O	247.1805	247.1809	1.7
82	8.071	4'-chloroethcathinone	C11H14ClNO	212.0837	212.0840	1.6
83	8.083	UWA-101	C13H17NO2	220.1332	220.1325	-3.2
84	8.090	2-APB	C11H13NO	176.1070	176.1075	2.9
85	8.090	4-methylbuphedrone	C12H17NO	192.1383	192.1384	0.6
86	8.107	MiPT	C14H20N2	217.1699	217.1699	-0.1
87	8.109	4-MAPB	C12H15NO	190.1226	190.1225	-0.7
88	8.111	3-methylbuphedrone	C12H17NO	192.1383	192.1384	0.6
89	8.122	2,3-dimethylmethcathinone	C12H17NO	192.1383	192.1382	-0.4
90	8.142	bk-2C-B	C10H12BrNO3	274.0073	274.0074	0.2
91	8.143	α-dimethylaminopentiophenone	C13H19NO	206.1539	206.1537	-1.1
92	8.149	Pentylone	C13H17NO3	236.1281	236.1282	0.4
93	8.150	3',4'-methylenedioxy-N-tert-butylcathinone	C14H19NO3	250.1438	250.1439	0.5
94	8.180	4-methoxy-α-pyrrolidinobutiophenone	C15H21NO2	248.1645	248.1648	1.2
95	8.195	3',4'-methylenedioxy-α-dimethylamino-isovalerophenone	C14H19NO3	250.1438	250.1443	2.1
96	8.210	4-acetoxy DET	C16H22N2O2	275.1754	275.1761	2.5
97	8.235	4-methyl-N-methylbuphedrone	C13H19NO	206.1539	206.1537	-1.1
98	8.275	α-ethylaminopentiophenone	C13H19NO	206.1539	206.1542	1.3
99	8.289	3',4'-methylenedioxy-α-ethylamino-isovalerophenone	C14H19NO3	250.1438	250.1444	2.5
100	8.331	3,4-dimethylmethcathinone	C12H17NO	192.1383	192.1383	0.1
101	8.334	DL4662	C15H23NO3	266.1751	266.1756	2.0
102	8.338	4-fluoro pentedrone	C12H16FNO	210.1289	210.1289	0.2
103	8.342	2-MAPB	C12H15NO	190.1226	190.1227	0.3
104	8.354	5-IAI	C9H10IN	259.9931	259.9925	-2.2
105	8.355	2C-C	C10H14ClNO2	216.0786	216.0783	-1.3
106	8.360	4'-chloro-α-pyrrolidinopropiophenone	C13H16ClNO	238.0993	238.0997	1.6
107	8.374	2,4-dimethylmethcathinone	C12H17NO	192.1383	192.1381	-1.0
108	8.398	6-EAPB	C13H17NO	204.1383	204.1380	-1.4
109	8.421	2,4,6-trimethoxyamphetamine	C12H19NO3	226.1438	226.1436	-0.7
110	8.422	4-Chloromethamphetamine	C10H14ClN	184.0888	184.0885	-1.4

付表1 危険ドラッグ及びその類似物質の測定結果 (3/8)

	保持時間 (min)	化合物名	組成式	精密質量 (M+H)	精密質量 (測定値)	質量誤差 (ppm)
111	8.424	5-EAPB	C13H17NO	204.1383	204.1383	0.1
112	8.438	4-ethylmethcathinone	C12H17NO	192.1383	192.1381	-1.0
113	8.475	4-methyl-α-ethylaminobutiophenone	C13H19NO	206.1539	206.1540	0.3
114	8.499	5-methoxy EiPT	C16H24N2O	261.1961	261.1964	1.0
115	8.502	2,3-dimethylethcathinone	C13H19NO	206.1539	206.1542	1.3
116	8.539	4-EAPB	C13H17NO	204.1383	204.1383	0.1
117	8.574	α-pyrrolidinopentiophenone	C15H21NO	232.1696	232.1697	0.5
118	8.602	3,4-dimethoxy-α-pyrrolidinopentiophenone	C17H25NO3	292.1907	292.1913	2.0
119	8.640	3,4-dimethylethcathinone	C13H19NO	206.1539	206.1542	1.3
120	8.754	2C-B-fly	C12H14BrNO2	284.0281	284.0271	-3.4
121	8.770	2,4-dimethylethcathinone	C13H19NO	206.1539	206.1541	0.8
122	8.777	RH-34	C18H19N3O3	326.1499	326.1485	-4.3
123	8.824	5-methoxy EPT	C16H24N2O	261.1961	261.1955	-2.4
124	8.899	4-fluoro-α-pyrrolidinopentiophenone	C15H20FNO	250.1602	250.1604	0.9
125	8.986	6-Methoxy DiPT	C17H26N2O	275.2118	275.2107	-3.9
126	8.997	4-methyl pentedrone	C13H19NO	206.1539	206.1538	-0.7
127	9.012	5-methoxy DALT	C17H22N2O	271.1805	271.1804	-0.3
128	9.034	Ethylphenidate	C15H21NO2	248.1645	248.1648	1.2
129	9.054	α-propylaminopentiophenone	C14H21NO	220.1696	220.1698	1.0
130	9.068	DiPT	C16H24N2	245.2012	245.2015	1.1
131	9.072	4-methoxy-α-pyrrolidinopentiophenone	C16H23NO2	262.1802	262.1801	-0.2
132	9.118	3-desoxy-3,4-methylenedioxy pyrovalerone	C17H23NO2	274.1802	274.1802	0.2
133	9.126	3,4-methylenedioxy-N-benzylcathinone	C17H17NO3	284.1281	284.1284	1.0
134	9.138	4-fluoro IPV	C14H20FNO	238.1602	238.1613	4.8
135	9.260	Acetyl phentanyl	C21H26N2O	323.2118	323.2122	1.3
136	9.276	2C-E	C12H19NO2	210.1489	210.1482	-3.1
137	9.318	MDA 2-amido analog	C11H13NO3	208.0968	208.0971	1.4
138	9.323	Ocfentanil	C22H27FN2O2	371.2129	371.2135	1.5
139	9.467	7-methoxy DiPT	C17H26N2O	275.2118	275.2121	1.1
140	9.487	3,4-dimethoxy-a-pyrrolidinohexanophenone	C18H27NO3	306.2064	306.2066	0.8
141	9.514	ALEPH-2	C13H21NO2S	256.1366	256.1364	-0.7
142	9.515	α-pyrrolidinohexanophenone	C16H23NO	246.1852	246.1857	1.9
143	9.547	(S)-2-diphenylmethylpyrrolidine	C17H19N	238.1590	238.1591	0.3
144	9.586	5-methoxy DPT	C17H26N2O	275.2118	275.2122	1.5
145	9.629	AB-CHMINACA metabolite M5A	C15H18N2O3	275.1390	275.1387	-1.1
146	9.637	3,4-methylenedioxy-α-pyrrolidinohexanophenone	C17H23NO3	290.1751	290.1755	1.5
147	9.709	DPT	C16H24N2	245.2012	245.2013	0.3
148	9.773	4-methoxy DiPT	C17H26N2O	275.2118	275.2110	-2.9
149	9.784	bk-EABDI	C15H21NO	232.1696	232.1684	-5.1
150	9.866	(+/-)-threo-isopropylphenidate	C16H23NO2	262.1802	262.1808	2.5
151	9.891	4'-fluoro-Pyrrolidinohexanophenone	C16H22FNO	264.1758	264.1763	1.8
152	9.926	4'-chloro-α-pyrrolidinovalerophenone	C15H20ClNO	266.1306	266.1312	2.2
153	9.926	MAB-CHMINACA metabolite M11	C21H30N4O4	403.2340	403.2324	-3.9
154	9.979	2-DPMP	C18H21N	252.1747	252.1744	-1.1
155	10.023	3',4'-trimethylene-α-pyrrolidinobutiophenone	C17H23NO	258.1852	258.1848	-1.7
156	10.036	Bromo-dragon FLY	C13H12BrNO2	294.0124	294.0134	3.3
157	10.108	2C-iP	C13H21NO2	224.1645	224.1638	-3.1
158	10.129	4-methoxy PCP	C18H27NO	274.2165	274.2159	-2.3
159	10.146	25H-NB4OMe	C18H23NO3	302.1751	302.1753	0.8
160	10.165	3-methoxy PCP	C18H27NO	274.2165	274.2104	-22.4
161	10.166	ALEPH-4	C14H23NO2S	270.1522	270.1524	0.6
162	10.167	3',4'-trimethylene-α-methylamino-valerophenone	C15H21NO	232.1696	232.1698	0.9
163	10.206	Aniracetam	C12H13NO3	220.0968	220.0956	-5.5
164	10.250	AH7921	C16H22Cl2N2O	329.1182	329.1182	0.0
165	10.258	Diphenidine	C19H23N	266.1903	266.1907	1.4

付表1 危険ドラッグ及びその類似物質の測定結果 (4/8)

	保持時間 (min)	化合物名	組成式	精密質量 (M+H)	精密質量 (測定値)	質量誤差 (ppm)
166	10.280	Furanyl fentanyl	C24H26N2O2	375.2067	375.2052	-4.0
167	10.282	4-ANPP	C19H24N2	281.2012	281.2014	0.6
168	10.335	5-fluoro AB-PINACA N-(4-hydroxypentyl) metabolite	C18H25FN4O3	365.1983	365.1985	0.4
169	10.362	4-methyl-α-pyrrolidinohexanophenone	C17H25NO	260.2009	260.2011	0.8
170	10.375	25H-NBOMe	C18H23NO3	302.1751	302.1718	-10.8
171	10.387	3,4-dichloromethylphenidate	C14H17Cl2NO2	302.0709	302.0716	2.3
172	10.387	meta-fluorofentanyl	C22H27FN2O	355.2180	355.2194	3.9
173	10.401	25C-NBOH	C17H20ClNO3	322.1204	322.1211	2.0
174	10.520	PV8	C17H25NO	260.2009	260.2011	0.8
175	10.529	Mepirapim	C19H27N3O	314.2227	314.2227	0.0
176	10.563	3',4'-trimethylene-α-ethylaminovalerophenone	C16H23NO	246.1852	246.1847	-2.2
177	10.582	3,4-methylenedioxy PV8	C18H25NO3	304.1907	304.1901	-2.0
178	10.590	25B-NBOH	C17H20BrNO3	366.0699	366.0691	-2.3
179	10.683	Cannabipiperidiethanone	C24H28N2O2	377.2224	377.2225	0.4
180	10.708	Isobutyryl fentanyl	C23H30N2O	351.2431	351.2439	2.3
181	10.721	4-methoxy PV8	C18H27NO2	290.2115	290.2117	0.8
182	10.730	Naphyrone	C19H23NO	282.1852	282.1854	0.6
183	10.747	5-fluoro PCN	C23H22FN3O	376.1820	376.1826	1.7
184	10.752	4-fluoro PV8	C17H24FNO	278.1915	278.1914	-0.2
185	10.767	30C-NBOMe	C20H26ClNO5	396.1572	396.1570	-0.6
186	10.790	3',4'-trimethylene-α-pyrrolidinovalerophenone	C18H25NO	272.2009	272.2007	-0.7
187	10.796	3',4'-tetramethylene-α-pyrrolidinobutiophenone	C18H25NO	272.2009	272.2002	-2.5
188	10.836	25C-NBF	C17H19ClFNO2	324.1161	324.1161	0.0
189	10.843	Methoxyphenidine	C20H25NO	296.2009	296.2013	1.4
190	10.879	Pravadoline	C23H26N2O3	379.2016	379.2021	1.3
191	10.892	AM2233	C22H23IN2O	459.0928	459.0931	0.7
192	10.970	4-methoxy-butyryl fentanyl	C24H32N2O2	381.2537	381.2523	-3.6
193	11.022	AM2233 azepane isomer	C22H23IN2O	459.0928	459.0930	0.5
194	11.048	para-fluorobutyryl fentanyl	C23H29FN2O	369.2337	369.2346	2.5
195	11.050	25B-NBF	C17H19BrFNO2	368.0656	368.0659	0.8
196	11.062	25C-NB3OMe	C18H22ClNO3	336.1361	336.1319	-12.5
197	11.231	2C-C-NBOMe	C18H22ClNO3	336.1361	336.1336	-7.4
198	11.340	4-methyl PV8	C18H27NO	274.2165	274.2161	-1.6
199	11.388	25I-NBF	C17H19FINO2	416.0517	416.0510	-1.7
200	11.408	PV9	C18H27NO	274.2165	274.2168	1.0
201	11.409	AM1220	C26H26N2O	383.2118	383.2121	0.8
202	11.410	AM1241	C22H22IN3O3	504.0779	504.0780	0.3
203	11.422	MAB-CHMINACA metabolite M1	C21H30N4O3	387.2391	387.2391	0.1
204	11.442	DOBU	C15H25NO2	252.1958	252.1958	0.0
205	11.457	3,4-methylenedioxy PV9	C19H27NO3	318.2064	318.2057	-2.1
206	11.477	Diclofensine	C17H17Cl2NO	322.0760	322.0765	1.6
207	11.513	25I-NMOMe 4-methoxy isomer	C18H22INO3	428.0717	428.0686	-7.3
208	11.536	Valeryl fentanyl	C24H32N2O	365.2587	365.2589	0.4
209	11.550	3',4'-tetramethylene-α-pyrrolidinovalerophenone	C19H27NO	286.2165	286.2168	0.9
210	11.562	25I-NBOMe 3-methoxy isomer	C18H22INO3	428.0717	428.0718	0.2
211	11.577	3',4'-trimethylene-α-pyrrolidinohexanophenone	C19H27NO	286.2165	286.2159	-2.2
212	11.601	4-fluoro PV9	C18H26FNO	292.2071	292.2072	0.3
213	11.604	AM1220 azepane isomer	C26H26N2O	383.2118	383.2119	0.3
214	11.634	AB-FUBINACA metabolite 2B	C20H19FN4O4	399.1463	399.1463	0.0
215	11.649	4-methoxy PV9	C19H29NO2	304.2271	304.2276	1.6
216	11.691	25I-NBOMe	C18H22INO3	428.0717	428.0714	-0.7
217	11.694	PF-03550096	C19H28N4O4	377.2183	377.2180	-0.9
218	11.832	25T2-NBOMe	C20H27NO3S	362.1784	362.1740	-12.2
219	11.839	MDA 2-aldoxime analog	C11H13NO3	208.0968	208.0972	1.8
220	12.091	AB-005	C23H32N2O	353.2587	353.2592	1.3

付表1 危険ドラッグ及びその類似物質の測定結果 (5/8)

	保持時間 (min)	化合物名	組成式	精密質量 (M+H)	精密質量 (測定値)	質量誤差 (ppm)
221	12.127	25E-NBOMe	C20H27NO3	330.2064	330.2055	-2.6
222	12.141	MT-45	C24H32N2	349.2638	349.2641	0.8
223	12.206	DOAM	C16H27NO2	266.2115	266.2105	-3.6
224	12.207	α-pyrrolidinononanophenone	C19H29NO	288.2322	288.2327	1.8
225	12.300	MAB-CHMINACA Metabolite M3	C21H29N3O4	388.2231	388.2239	2.1
226	12.481	5-fluoro ABICA	C19H26FN3O2	348.2082	348.2078	-1.1
227	12.578	JWH-200	C25H24N2O2	385.1911	385.1914	0.9
228	12.593	A-796260 degradant	C22H30N2O2	355.2380	355.2381	0.3
229	12.775	5-fluoro AB-PINACA	C18H25FN4O2	349.2034	349.2030	-1.2
230	12.792	25iP-NBOMe	C21H29NO3	344.2220	344.2209	-3.2
231	12.809	AB-FUBINACA isomer 5	C20H21FN4O2	369.1721	369.1715	-1.7
232	12.816	AM1248	C26H34N2O	391.2744	391.2743	-0.2
233	12.881	25P-NBOMe	C21H29NO3	344.2220	344.2210	-3.0
234	13.130	AB-FUBINACA isomer 2	C20H21FN4O2	369.1721	369.1718	-0.9
235	13.218	AB-FUBINACA 3-fluorobenzyl isomer	C20H21FN4O2	369.1721	369.1723	0.5
236	13.220	5-fluoro ADBICA	C20H28FN3O2	362.2238	362.2238	-0.1
237	13.222	AB-FUBINACA	C20H21FN4O2	369.1721	369.1715	-1.7
238	13.247	AB-CHMINACA metabolite M7	C20H25N3O5	388.1867	388.1863	-1.0
239	13.263	PX1	C23H26FN3O2	396.2082	396.2080	-0.5
240	13.281	AB-FUBINACA 2-fluorobenzyl isomer	C20H21FN4O2	369.1721	369.1718	-0.9
241	13.306	AB-FUBINACA isomer 1	C20H21FN4O2	369.1721	369.1717	-1.2
242	13.590	PX2	C22H25FN4O2	397.2034	397.2026	-2.1
243	13.642	5-fluoropentyl-3-pyridinoylindole	C19H19FN2O	311.1554	311.1556	0.6
244	13.662	5-fluoro ADB-PINACA	C19H27FN4O2	363.2191	363.2188	-0.8
245	13.689	LY2940680	C26H24F4N6O	513.2020	513.2025	0.9
246	13.704	AB-CHMINACA 2'-indazole isomer	C20H28N4O2	357.2285	357.2287	0.5
247	13.704	5-chloro AB-PINACA	C18H25ClN4O2	365.1739	365.1734	-1.3
248	13.770	5-fluoro AMB metabolite 7	C18H24FN3O3	350.1874	350.1872	-0.7
249	13.924	JWH-073 N-butanoic acid metabolite	C23H19NO3	358.1438	358.1440	0.7
250	13.952	APP-FUBINACA	C24H21FN4O2	417.1721	417.1720	-0.3
251	14.000	MAB-CHMINACA Metabolite M7	C21H27N3O5	402.2023	402.2024	0.1
252	14.039	5-fluoro-3,5-AB-PFUPPYCA	C20H26F2N4O2	393.2097	393.2085	-2.9
253	14.059	α-phthalimidopropiophenone	C17H13NO3	280.0968	280.0968	-0.1
254	14.078	JWH-073 N-(4-hydroxybutyl) metabolite	C23H21NO2	344.1645	344.1649	1.1
255	14.126	5-fluoro CYPPICA	C18H23FN2O	303.1867	303.1867	-0.1
256	14.155	AB-PINACA	C18H26N4O2	331.2129	331.2122	-2.0
257	14.463	APP-PICA	C23H27N3O2	378.2176	378.2166	-2.7
258	14.511	AB-CHMICA	C21H29N3O2	356.2333	356.2334	0.4
259	14.517	(+/-)-JWH-073 N-(3-hydrroxybutyl) metabolite	C23H21NO2	344.1645	344.1649	1.1
260	14.530	ADBICA	C20H29N3O2	344.2333	344.2331	-0.5
261	14.598	JWH-018 N-(5-hydroxypentyl) metabolite	C24H23NO2	358.1802	358.1801	-0.2
262	14.659	LY2183240	C17H17N5O	308.1506	308.1457	-15.9
263	14.909	MAM2201 N-pentanoic acid metabolite	C25H23NO3	386.1751	386.1754	0.9
264	14.968	5-fluoro SDB-006	C21H23FN2O	339.1867	339.1871	1.1
265	15.060	MMB2201	C20H27FN2O3	363.2078	363.2077	-0.4
266	15.063	W-18	C19H20ClN3O4S	422.0936	422.0938	0.5
267	15.066	AB-CHMINACA	C20H28N4O2	357.2285	357.2283	-0.6
268	15.107	5-fluoro PB-22 6-hydroxyisoquinoline isomer	C23H21FN2O2	377.1660	377.1664	1.1
269	15.126	ADB-PINACA	C19H28N4O2	345.2285	345.2282	-0.9
270	15.154	A-836339	C16H26N2O2S	311.1788	311.1789	0.4
271	15.218	MAM2201 N-(4-hydroxypentyl) metabolite	C25H24FNO2	390.1864	390.1861	-0.7
272	15.225	JWH-122 N-(5-hydroxypentyl) metabolite	C25H25NO2	372.1958	372.1963	1.3
273	15.356	(1H-indol-3-yl)(2,2,3,3-tetramethylcyclopropyl) methanone	C16H19NO	242.1539	242.1539	-0.1
274	15.363	JWH-122 N-(4-hydroxypentyl) metabolite	C25H25NO2	372.1958	372.1964	1.6

付表1 危険ドラッグ及びその類似物質の測定結果 (6/8)

	保持時間 (min)	化合物名	組成式	精密質量 (M+H)	精密質量 (測定値)	質量誤差 (ppm)
275	15.433	5-fluoro PB-22 7-hydroxyisoquinoline isomer	C23H21FN2O2	377.1660	377.1664	1.1
276	15.446	JWH-018 N-(4-oxo-pentyl) metabolite	C24H21NO2	356.1645	356.1652	1.9
277	15.469	AM2232	C24H20N2O	353.1648	353.1649	0.2
278	15.606	W-15	C19H21ClN2O2S	377.1085	377.1089	1.0
279	15.706	5-fluoro PB-22 5-hydroxyquinoline isomer	C23H21FN2O2	377.1660	377.1666	1.6
280	15.716	CUMYL-THPINACA	C23H27N3O2	378.2176	378.2171	-1.3
281	15.814	5-fluoro PB-22 6-hydroxyquinoline isomer	C23H21FN2O2	377.1660	377.1665	1.4
282	15.872	5-fluoro PB-22 5-hydroxyisoquinoline isomer	C23H21FN2O2	377.1660	377.1664	1.1
283	15.882	5-fluoro NPB-22	C22H20FN3O2	378.1612	378.1613	0.2
284	15.915	5-fluoro AMB	C19H26FN3O3	364.2031	364.2035	1.1
285	15.940	5-fluoro PB-22 8-hydroxyisoquinoline isomer	C23H21FN2O2	377.1660	377.1666	1.6
286	15.949	AB-CHMINACA metabolite M2	C20H27N3O3	358.2125	358.2126	0.2
287	15.950	5-fluoro PB-22 7-hydroxyquinoline isomer	C23H21FN2O2	377.1660	377.1663	0.8
288	15.958	MAB-CHMINACA	C21H30N4O2	371.2442	371.2442	0.1
289	16.053	5-fluoro-NNEI	C24H23FN2O	375.1867	375.1872	1.3
290	16.091	5-fluoro PB-22 4-hydroxyquinoline isomer	C23H21FN2O2	377.1660	377.1648	-3.1
291	16.164	URB754	C16H14N2O2	267.1128	267.1131	1.1
292	16.199	5-fluoro PB-22 4-hydroxyisoquinoline isomer	C23H21FN2O2	377.1660	377.1665	1.4
293	16.243	5-fluoro CUMYL-PICA	C23H27FN2O	367.2180	367.2175	-1.4
294	16.244	FUB-NPB-22	C24H16FN3O2	398.1299	398.1303	0.9
295	16.249	FUB-AMB	C21H22FN3O3	384.1718	384.1724	1.6
296	16.269	SDB-006	C21H24N2O	321.1961	321.1965	1.1
297	16.284	5-fluoro PB-22	C23H21FN2O2	377.1660	377.1657	-0.8
298	16.321	FDU-NNEI	C26H19FN2O	395.1554	395.1555	0.2
299	16.391	MMB018	C20H28N2O3	345.2173	345.2166	-1.9
300	16.450	AM694	C20H19FINO	436.0568	436.0567	-0.3
301	16.539	RCS-4-4C homolog	C20H21NO2	308.1645	308.1652	2.3
302	16.609	FUB-PB-22	C25H17FN2O2	397.1347	397.1347	0.0
303	16.736	5-fluoro PB-22 N-(3-fluoropentyl) isomer	C23H21FN2O2	377.1660	377.1652	-2.1
304	16.740	5-fluoro ADB	C20H28FN3O3	378.2187	378.2192	1.2
305	16.747	5-fluoro PB-22 3-hydroxyquinoline isomer	C23H21FN2O2	377.1660	377.1664	1.1
306	16.757	5-chloro NNEI	C24H23ClN2O	391.1572	391.1574	0.6
307	16.810	MAB-CHMINACA Metabolite M2	C21H29N3O3	372.2282	372.2280	-0.4
308	16.859	RCS-4 2-methoxy isomer	C21H23NO2	322.1802	322.1808	2.0
309	17.002	MAB-CHMINACA Metabolite M10	C21H27N3O3	370.2125	370.2132	1.8
310	17.028	MDMB-FUBINACA	C22H24FN3O3	398.1874	398.1877	0.6
311	17.030	5-fluoro CUMYL-PINACA	C22H26FN3O	368.2133	368.2131	-0.5
312	17.048	EMB-FUBINACA	C22H24FN3O3	398.1874	398.1859	-3.9
313	17.063	A-834735	C22H29NO2	340.2271	340.2274	0.9
314	17.071	PB-22 6-hydroxyisoquinoline isomer	C23H22N2O2	359.1754	359.1756	0.5
315	17.086	AM2201	C24H22FNO	360.1758	360.1761	0.8
316	17.095	AM2201 N-(4-fluoropentyl) isomer	C24H22FNO	360.1758	360.1760	0.5
317	17.131	AM2201 benzimidazole analog	C23H21FN2O	361.1711	361.1717	1.8
318	17.153	JWH-030	C20H21NO	292.1696	292.1696	0.0
319	17.173	NNEI 2'-indazole isomer	C23H23N3O	358.1914	358.1916	0.6
320	17.237	MMB-CHMICA	C22H30N2O3	371.2329	371.2314	-4.1
321	17.241	PB-22 7-hydroxyisoquinoline isomer	C23H22N2O2	359.1754	359.1759	1.4
322	17.286	NPB-22	C22H21N3O2	360.1707	360.1708	0.4
323	17.344	NNEI	C24H24N2O	357.1961	357.1965	1.0
324	17.357	RCS-4	C21H23NO2	322.1802	322.1805	1.1
325	17.371	FUB-JWH-018	C26H18FNO	380.1445	380.1451	1.5
326	17.384	JWH-015	C23H21NO	328.1696	328.1700	1.3
327	17.410	PB-22 5-hydroxyisoquinoline isomer	C23H22N2O2	359.1754	359.1760	1.7
328	17.461	CUMYL-PICA	C23H28N2O	349.2274	349.2276	0.5
329	17.479	XLR11 Degradant	C21H28FNO	330.2228	330.2231	1.0

付表1 危険ドラッグ及びその類似物質の測定結果 (7/8)

	保持時間 (min)	化合物名	組成式	精密質量 (M+H)	精密質量 (測定値)	質量誤差 (ppm)
330	17.485	F2201	C24H21F2NO	378.1664	378.1670	1.6
331	17.508	PB-22 5-hydroxyquinoline isomer	C23H22N2O2	359.1754	359.1760	1.7
332	17.529	PB-22 6-hydroxyquinoline isomer	C23H22N2O2	359.1754	359.1760	1.7
333	17.537	AMB	C19H27N3O3	346.2125	346.2130	1.4
334	17.560	PB-22 7-hydroxyquinoline isomer	C23H22N2O2	359.1754	359.1757	0.8
335	17.578	5-fluoro MN-18	C23H22FN3O	376.1820	376.1822	0.6
336	17.588	PB-22 8-hydroxyisoquinoline isomer	C23H22N2O2	359.1754	359.1755	0.3
337	17.599	AM2201 N-(2-fluoropentyl) isomer	C24H22FNO	360.1758	360.1762	1.1
338	17.608	JWH-073 6-methoxyindole analog	C24H23NO2	358.1802	358.1809	2.1
339	17.641	MAM2201	C25H24FNO	374.1915	374.1924	2.5
340	17.718	JWH-250	C22H25NO2	336.1958	336.1904	-16.1
341	17.731	PB-22	C23H22N2O2	359.1754	359.1755	0.3
342	17.734	PB-22 4-hydroxyisoquinoline isomer	C23H22N2O2	359.1754	359.1758	1.1
343	17.780	PB-22 4-hydroxyquinoline isomer	C23H22N2O2	359.1754	359.1757	0.8
344	17.815	THJ 2201	C23H21FN2O	361.1711	361.1716	1.5
345	17.832	JWH-022	C24H21NO	340.1696	340.1698	0.6
346	17.858	5-fluoro SDB-005	C23H21FN2O2	377.1660	377.1659	-0.2
347	17.862	JWH-073	C23H21NO	328.1696	328.1699	1.0
348	17.870	STS-135	C24H31FN2O	383.2493	383.2498	1.3
349	17.886	AM679	C20H20INO	418.0662	418.0663	0.2
350	18.000	MDMB-CHMICA	C23H32N2O3	385.2486	385.2485	-0.2
351	18.068	BB-22 6-hydroxyisoquinoline isomer	C25H24N2O2	385.1911	385.1914	0.9
352	18.083	NNEI 2'-naphthyl isomer	C24H24N2O	357.1961	357.1967	1.6
353	18.099	JWH-080	C24H23NO2	358.1802	358.1806	1.2
354	18.206	EAM2201	C26H26FNO	388.2071	388.2077	1.5
355	18.217	NM2201	C24H22FNO2	376.1707	376.1709	0.4
356	18.229	JWH-251	C22H25NO	320.2009	320.2012	1.0
357	18.230	XLR12	C20H24F3NO	352.1883	352.1888	1.5
358	18.230	BB-22 7-hydroxyisoquinoline isomer	C25H24N2O2	385.1911	385.1916	1.4
359	18.285	JWH-203	C21H22ClNO	340.1463	340.1463	0.1
360	18.301	MAM2201 N-(5-chloropentyl) analog	C25H24ClNO	390.1619	390.1625	1.5
361	18.323	BB-22 5-hydroxyisoquinoline isomer	C25H24N2O2	385.1911	385.1915	1.2
362	18.326	AM2201 N-(3-chloropentyl) isomer	C24H22ClNO	376.1463	376.1466	0.9
363	18.338	MA-CHMINACA	C21H29N3O3	372.2282	372.2283	0.4
364	18.343	PB-22 3-hydroxyquinoline isomer	C23H22N2O2	359.1754	359.1752	-0.6
365	18.361	BB-22 6-hydroxyquinoline isomer	C25H24N2O2	385.1911	385.1913	0.6
366	18.365	BB-22 7-hydroxyquinoline isomer	C25H24N2O2	385.1911	385.1919	2.2
367	18.389	BB-22 5-hydroxyquinoline isomer	C25H24N2O2	385.1911	385.1916	1.4
368	18.431	FDU-PB-22	C26H18FNO2	396.1394	396.1398	0.9
369	18.434	JWH-122 N-(4-pentenyl)analog	C25H23NO	354.1852	354.1854	0.5
370	18.437	BB-22 8-hydroxyisoquinoline isomer	C25H24N2O2	385.1911	385.1916	1.4
371	18.446	FUB-144	C23H24FNO	350.1915	350.1919	1.2
372	18.471	3-CAF	C24H15FN2O2	383.1190	383.1188	-0.6
373	18.500	BB-22	C25H24N2O2	385.1911	385.1910	-0.1
374	18.583	JWH-018	C24H23NO	342.1852	342.1854	0.5
375	18.590	BB-22 4-hydroxyisoquinoline isomer	C25H24N2O2	385.1911	385.1914	0.9
376	18.673	JWH-307 3'-isomer	C26H24FNO	386.1915	386.1918	0.9
377	18.680	BB-22 4-hydroxyquinoline isomer	C25H24N2O2	385.1911	385.1918	1.9
378	18.806	5-bromo THJ018	C23H21BrN2O	421.0910	421.0915	1.2
379	18.811	JWH-081	C25H25NO2	372.1958	372.1959	0.3
380	18.894	JWH-007	C25H25NO	356.2009	356.2017	2.3
381	18.921	5-fluoro JWH-018 adamantyl analog	C24H30FNO	368.2384	368.2390	1.6
382	18.930	JWH-412	C24H22FNO	360.1758	360.1761	0.8
383	19.008	EG-2201	C28H24FNO	410.1915	410.1920	1.3
384	19.013	M-144	C22H30FNO	344.2384	344.2388	1.1

付表1 危険ドラッグ及びその類似物質の測定結果 (8/8)

	保持時間 (min)	化合物名	組成式	精密質量 (M+H)	精密質量 (測定値)	質量誤差 (ppm)
385	19.013	JWH-307	C26H24FNO	386.1915	386.1920	1.4
386	19.021	AKB48 N-(5-fluoropentyl) analog	C23H30FN3O	384.2446	384.2449	0.9
387	19.090	BB22 3-hydroxyquinoline isomer	C25H24N2O2	385.1911	385.1914	0.9
388	19.121	MDMB-CHMINACA	C22H31N3O3	386.2438	386.2439	0.2
389	19.141	HU-210	C25H38O3	387.2894	387.2897	0.8
390	19.147	SDB-005	C23H22N2O2	359.1754	359.1752	-0.6
391	19.155	JWH-122	C25H25NO	356.2009	356.2017	2.3
392	19.163	FAB-144	C20H27FN2O	331.2180	331.2185	1.5
393	19.193	JWH-018 indazole analog	C23H22N2O	343.1805	343.1811	1.8
394	19.197	MN-18	C23H23N3O	358.1914	358.1919	1.4
395	19.221	UR-144 N-(2-chloropentyl) analog	C21H28ClNO	346.1932	346.1934	0.5
396	19.248	JWH-018 adamantyl carboxamide	C24H32N2O	365.2587	365.2594	1.8
397	19.253	JWH-019	C25H25NO	356.2009	356.2015	1.7
398	19.296	MO-CHMINACA	C22H30N2O4	387.2278	387.2281	0.7
399	19.528	UR-144	C21H29NO	312.2322	312.2327	1.6
400	19.686	JWH-210	C26H27NO	370.2165	370.2171	1.5
401	19.789	JWH-387	C24H22BrNO	420.0958	420.0959	0.3
402	19.829	9-octadecenamide	C18H35NO	282.2791	282.2795	1.3
403	19.866	5-chloro AKB48	C23H30ClN3O	400.2150	400.2152	0.5
404	19.954	JWH-213	C27H29NO	384.2322	384.2326	1.1
405	20.185	JWH-182	C27H29NO	384.2322	384.2328	1.6
406	20.349	JWH-146	C28H29NO	396.2322	396.2322	0.0
407	20.373	JWH-018 adamantyl analog	C24H31NO	350.2478	350.2482	1.0
408	20.454	EG-018	C28H25NO	392.2009	392.2015	1.6
409	20.674	UR-144 N-heptyl analog	C23H33NO	340.2635	340.2638	0.9
410	20.678	AKB48	C23H31N3O	366.2540	366.2543	0.9
411	20.890	CB-13	C26H24O2	369.1849	369.1853	1.1