LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
Data File : BF108272.D
Acq On : 18 Aug 2018 5:04
Operator : JU/SJ
Sample : J4511-07 2X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081518-NSW-45-029

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.637	554	561	565	rBV	1812430	1804671	11.34%	1.008%
2	6.631	725	730	738	rBV	1916787	1917638	12.05%	1.071%
3	6.784	752	756	759	rBV	2219692	1856326	11.67%	1.036%
4	7.013	792	795	799	rBV	1081990	963874	6.06%	0.538%
5	7.172	818	822	825	rBV	1781437	1475221	9.27%	0.824%
6	7.578	887	891	898	rVB	1287906	1314494	8.26%	0.734%
7	8.301	1009	1014	1015	rBV	1364830	1163342	7.31%	0.650%
8	8.325	1015	1018	1021	rVB	2840140	2373180	14.91%	1.325%
9	9.013	1131	1135	1138	rBV	1870310	1506009	9.46%	0.841%
10	9.113	1147	1152	1155	rBV	1556583	1228923	7.72%	0.686%
11	9.372	1192	1196	1199	rVB	2557305	2039323	12.82%	1.139%
12	9.472	1210	1213	1218	rVB	488369	485972	3.05%	0.271%
13	9.572	1227	1230	1236	rVB	431750	434709	2.73%	0.243%
14	9.642	1236	1242	1246	rBV	644495	886624	5.57%	0.495%
15	9.713	1250	1254	1257	rBV	1033522	1057665	6.65%	0.591%
16	9.742	1257	1259	1261	rVV	679169	483984	3.04%	0.270%
17	9.831	1269	1274	1276	rBV2	505756	554085	3.48%	0.309%
18	9.919	1286	1289	1293	rVB2	566542	519897	3.27%	0.290%
19	10.036	1306	1309	1311	rVV	394763	319165	2.01%	0.178%
20	10.066	1311	1314	1316	rVV	1136144	1103003	6.93%	0.616%
21	10.101	1316	1320	1322	rVV	3805379	3566857	22.41%	1.991%
22	10.160	1327	1330	1334	rVV	224925	299860	1.88%	0.167%
23	10.219	1334	1340	1344	rVV2	468883	553787	3.48%	0.309%
24	10.272	1344	1349	1351	rVV	2404258	2487481	15.63%	1.389%
25	10.301	1351	1354	1357	rVB	376027	351988	2.21%	0.197%
26	10.378	1363	1367	1369	rBV	385458	401816	2.52%	0.224%
27	10.401	1369	1371	1375	rVV2	359610	353668	2.22%	0.197%
28	10.466	1378	1382	1388	rVV4	461028	710093	4.46%	0.396%
29	10.619	1403	1408	1411	rVV	3326808	3264476	20.51%	1.823%
30	10.660	1411	1415	1417	rVV	380280	421531	2.65%	0.235%
31	10.678	1417	1418	1420	rVV	561958	478014	3.00%	0.267%
32	10.701	1420	1422	1424	rVV	677851	601228	3.78%	0.336%
33	10.725	1424	1426	1428	rVV2	298596	298258	1.87%	0.167%
34	10.748	1428	1430	1431	rVV	449798	375890	2.36%	0.210%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
Data File : BF108272.D
Acq On : 18 Aug 2018 5:04
Operator : JU/SJ
Sample : J4511-07 2X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081518-NSW-45-029

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.766	1431	1433	1437	rVB	977096	928368	5.83%	0.518%
36	10.854	1444	1448	1452	rBV2	1868606	2054431	12.91%	1.147%
37	10.960	1461	1466	1474	rVB4	276597	649097	4.08%	0.362%
38	11.160	1494	1500	1503	rBV3	742479	1211881	7.62%	0.677%
39	11.189	1503	1505	1508	rVV2	386131	389038	2.44%	0.217%
40	11.248	1512	1515	1517	rVB2	327070	321242	2.02%	0.179%
41	11.289	1517	1522	1524	rBV3	502500	716959	4.51%	0.400%
42	11.313	1524	1526	1531	rVV2	510994	603547	3.79%	0.337%
43	11.366	1532	1535	1538	rVB	694830	656974	4.13%	0.367%
44	11.401	1538	1541	1542	rBV2	628827	570392	3.58%	0.318%
45	11.419	1542	1544	1548	rVV	735100	759915	4.78%	0.424%
46	11.460	1548	1551	1555	rVB	1298885	1146287	7.20%	0.640%
47	11.607	1565	1576	1578	rBV	9554142	15913527	100.00%	8.885%
48	11.648	1578	1583	1586	rVV	4897870	4936277	31.02%	2.756%
49	11.672	1586	1587	1592	rVB	610827	437905	2.75%	0.244%
50	11.795	1602	1608	1611	rVV2	2119736	2378891	14.95%	1.328%
51	11.854	1616	1618	1622	rVV2	441103	398647	2.51%	0.223%
52	11.895	1622	1625	1629	rVV3	324354	356920	2.24%	0.199%
53	12.066	1651	1654	1657	rVV	1961968	2095627	13.17%	1.170%
54	12.101	1657	1660	1663	rVB2	2757460	2710463	17.03%	1.513%
55	12.142	1664	1667	1670	rVB	1245448	1226689	7.71%	0.685%
56	12.189	1670	1675	1677	rBV2	3039818	4002339	25.15%	2.235%
57	12.207	1677	1678	1681	rVB	1601614	728255	4.58%	0.407%
58	12.242	1681	1684	1686	rBV2	396315	403512	2.54%	0.225%
59	12.360	1701	1704	1707	rVV	1625517	1508265	9.48%	0.842%
60	12.395	1707	1710	1713	rVV	1145308	1053701	6.62%	0.588%
61	12.513	1727	1730	1733	rVB2	422175	370849	2.33%	0.207%
62	12.542	1733	1735	1737	rVB	439104	308076	1.94%	0.172%
63	12.566	1737	1739	1742	rVB	407319	354701	2.23%	0.198%
64	12.619	1744	1748	1751	rBV	973364	1256260	7.89%	0.701%
65	12.660	1753	1755	1757	rVV	619226	655716	4.12%	0.366%
66	12.719	1761	1765	1769	rVV3	561775	895058	5.62%	0.500%
67	12.813	1773	1781	1783	rVV	8826020	13923528	87.49%	7.774%
68	12.854	1785	1788	1791	rVV	496400	502494	3.16%	0.281%
69	12.942	1801	1803	1806	rVB2	610113	527684	3.32%	0.295%
70	13.042	1812	1820	1823	rBV3	7769756	15414975	96.87%	8.606%
71	13.066	1823	1824	1829	rVB2	1053779	901384	5.66%	0.503%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
Data File : BF108272.D
Acq On : 18 Aug 2018 5:04
Operator : JU/SJ
Sample : J4511-07 2X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081518-NSW-45-029

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.154	1833	1839	1841	rVV2	1775506	2625468	16.50%	1.466%
73	13.183	1841	1844	1847	rVB	1030060	1016154	6.39%	0.567%
74	13.242	1848	1854	1857	rBV2	1000931	1792951	11.27%	1.001%
75	13.354	1865	1873	1875	rVV2	2413909	3475895	21.84%	1.941%
76	13.383	1875	1878	1880	rVV2	251953	286658	1.80%	0.160%
77	13.419	1881	1884	1886	rVV	1804785	1648555	10.36%	0.920%
78	13.460	1886	1891	1893	rVV2	1410885	2099948	13.20%	1.172%
79	13.483	1893	1895	1897	rVV	588521	558795	3.51%	0.312%
80	13.507	1897	1899	1904	rVV2	408446	546511	3.43%	0.305%
81	13.554	1904	1907	1909	rVV	850358	846008	5.32%	0.472%
82	13.583	1909	1912	1918	rVB2	1000299	1231065	7.74%	0.687%
83	13.866	1957	1960	1964	rVB	862247	951551	5.98%	0.531%
84	13.977	1975	1979	1981	rBV2	931286	1156500	7.27%	0.646%
85	14.001	1981	1983	1986	rVV	1204586	1097366	6.90%	0.613%
86	14.036	1986	1989	1992	rVV2	1091620	1280051	8.04%	0.715%
87	14.230	2016	2022	2025	rBV2	4881587	8431463	52.98%	4.707%
88	14.271	2025	2029	2034	rVB	5376005	6252858	39.29%	3.491%
89	14.342	2038	2041	2045	rBV	1533034	1332314	8.37%	0.744%
90	14.460	2057	2061	2063	rVB2	730384	893067	5.61%	0.499%
91	14.577	2079	2081	2083	rBV2	419018	435321	2.74%	0.243%
92	14.619	2085	2088	2091	rVV	1260333	1330588	8.36%	0.743%
93	14.654	2092	2094	2097	rVB	652882	545433	3.43%	0.305%
94	15.348	2206	2212	2215	rBV	2407959	4722752	29.68%	2.637%
95	15.454	2227	2230	2235	rBV	797460	1021555	6.42%	0.570%
96	15.683	2264	2269	2274	rVB	1525386	2513367	15.79%	1.403%
97	15.754	2275	2281	2285	rVB	2558376	3776891	23.73%	2.109%
98	15.848	2294	2297	2303	rVB2	1025523	1432612	9.00%	0.800%
99	17.460	2563	2571	2577	rVB2	1141171	2691164	16.91%	1.503%
100	17.959	2649	2656	2666	rVB	860621	2195468	13.80%	1.226%

Sum of corrected areas: 179111255

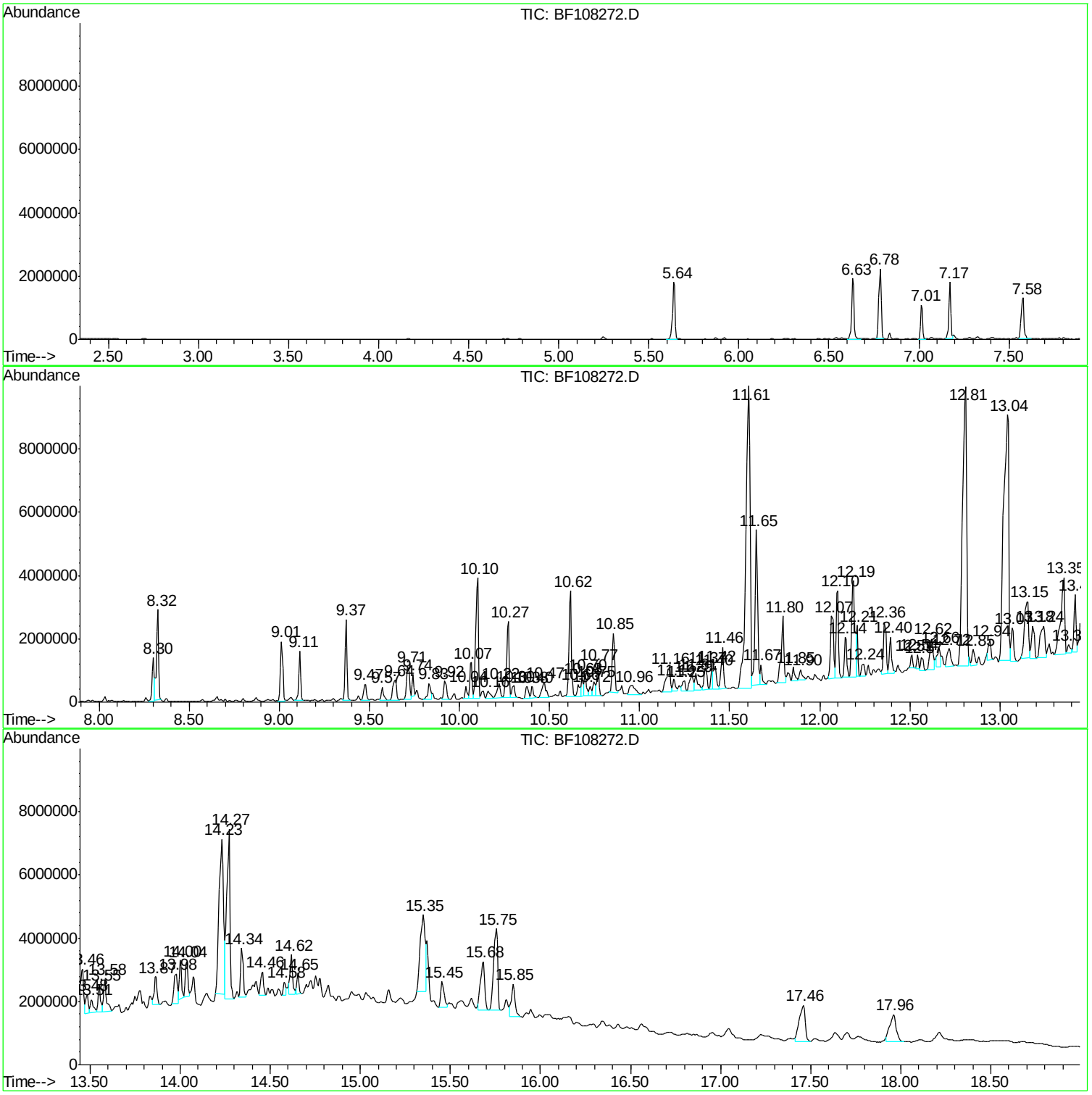
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
Data File : BF108272.D
Acq On : 18 Aug 2018 5:04
Operator : JU/SJ
Sample : J4511-07 2X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081518-NSW-45-029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
Data File : BF108272.D
Acq On : 18 Aug 2018 5:04
Operator : JU/SJ
Sample : J4511-07 2X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081518-NSW-45-029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

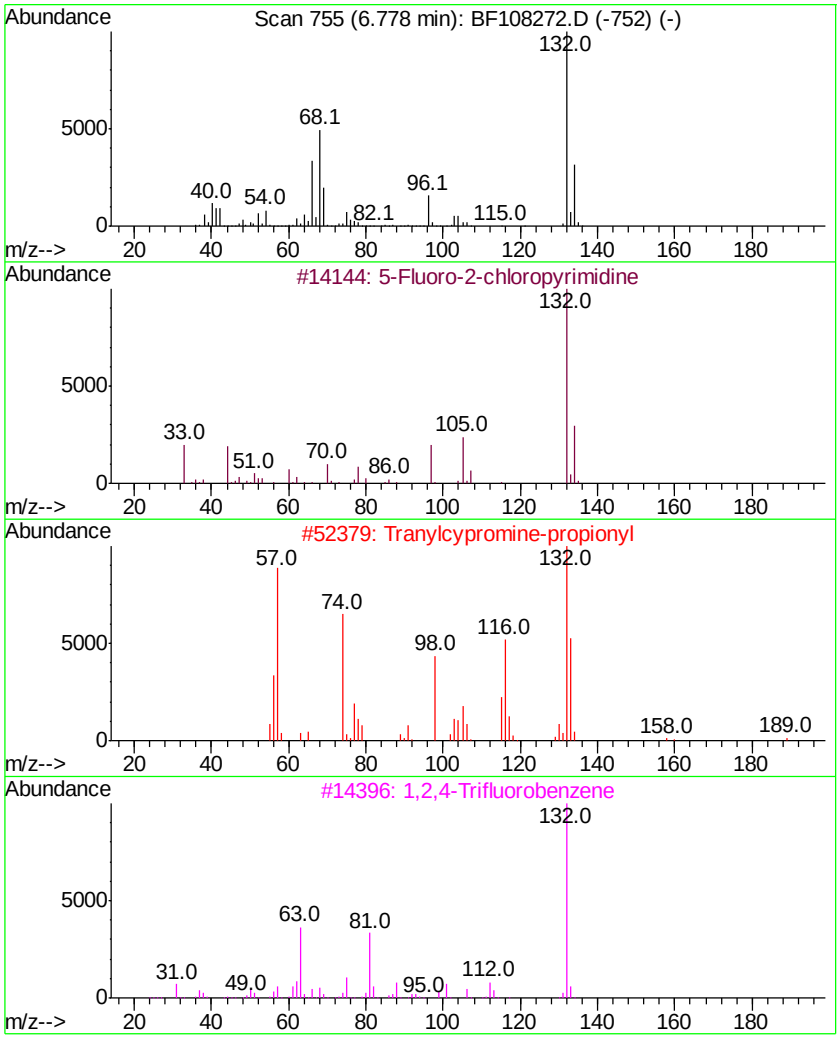
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

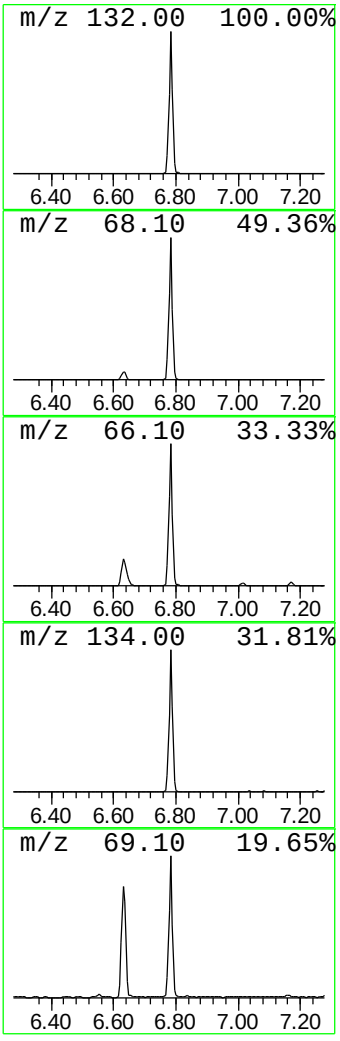
****

Peak Number 1 unknown6.78 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	38.52 ng	1856330	1,4-Dichlorobenzene-d4	7.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
Data File : BF108272.D
Acq On : 18 Aug 2018 5:04
Operator : JU/SJ
Sample : J4511-07 2X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081518-NSW-45-029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

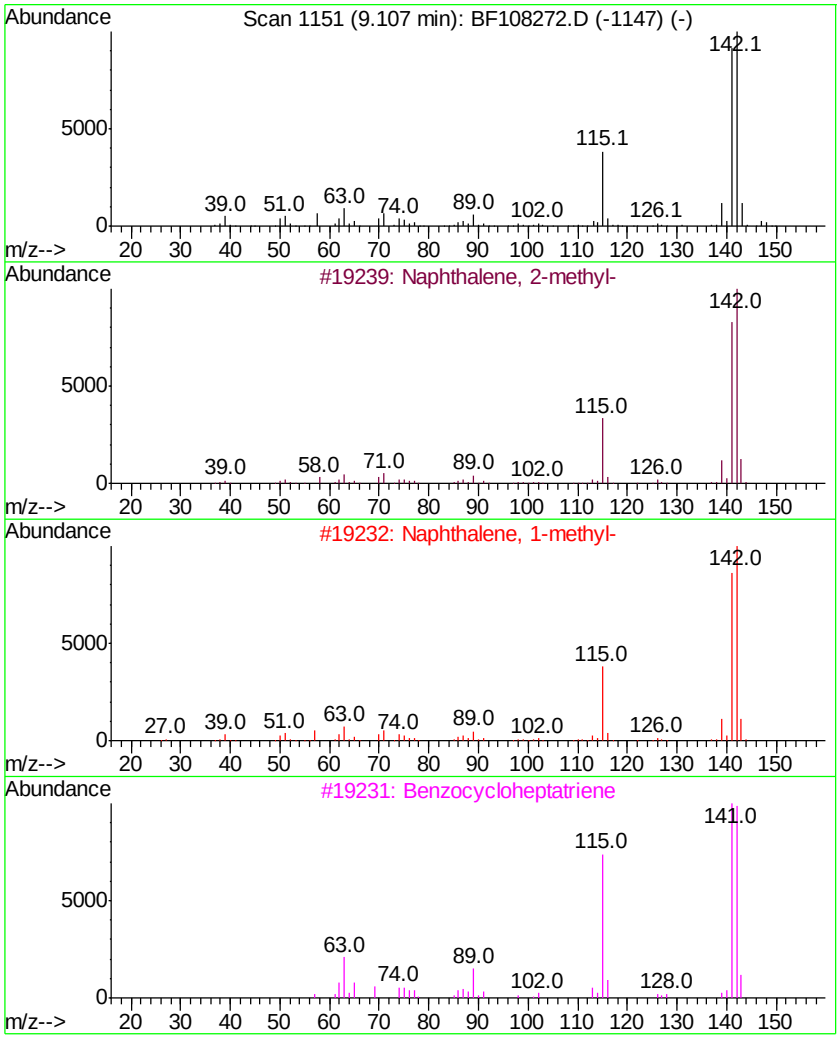
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

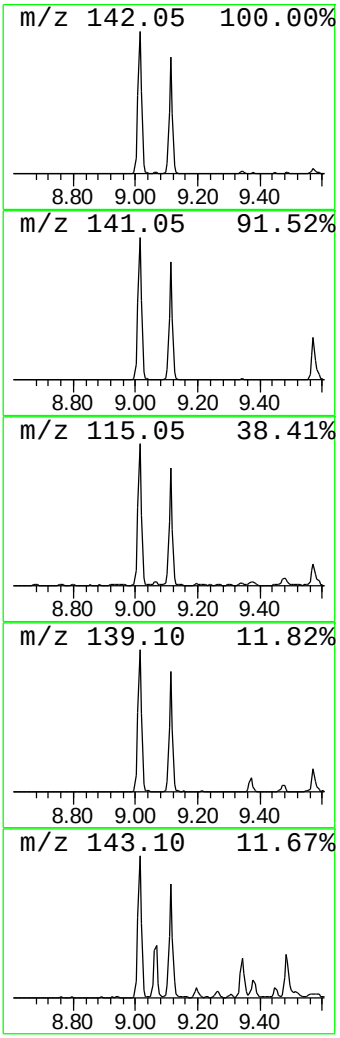
****

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.11	21.13 ng	1228920	Naphthalene-d8	8.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
Data File : BF108272.D
Acq On : 18 Aug 2018 5:04
Operator : JU/SJ
Sample : J4511-07 2X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081518-NSW-45-029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

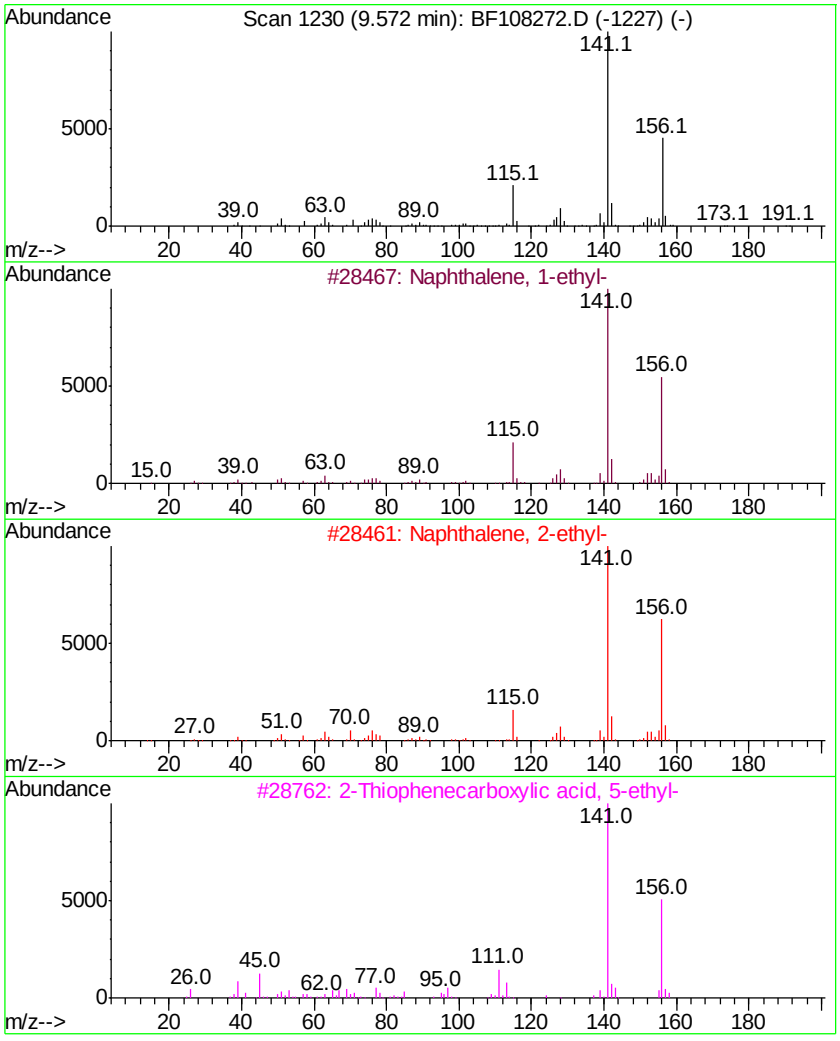
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

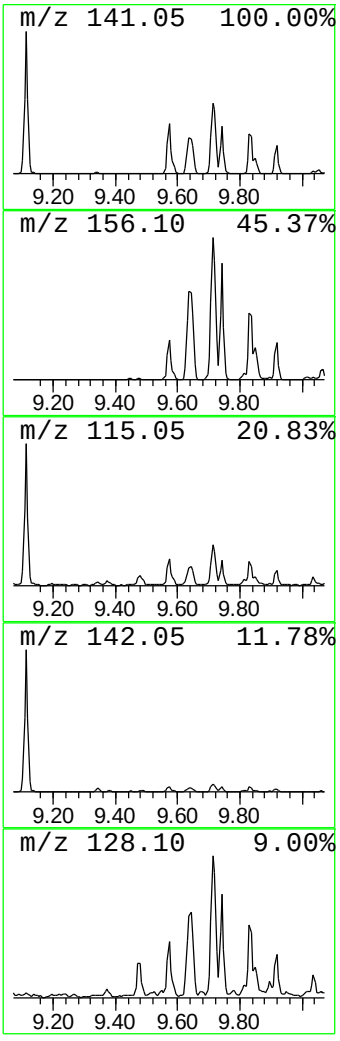
****

Peak Number 4 Naphthalene, 1-ethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	7.88 ng	434709	Acenaphthene-d10	10.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
3	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	72
4	3',4'-Difluoroacetophenone	156	C8H6F2O	000369-33-5	59
5	Butethal	212	C10H16N2O3	000077-28-1	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
Data File : BF108272.D
Acq On : 18 Aug 2018 5:04
Operator : JU/SJ
Sample : J4511-07 2X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081518-NSW-45-029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

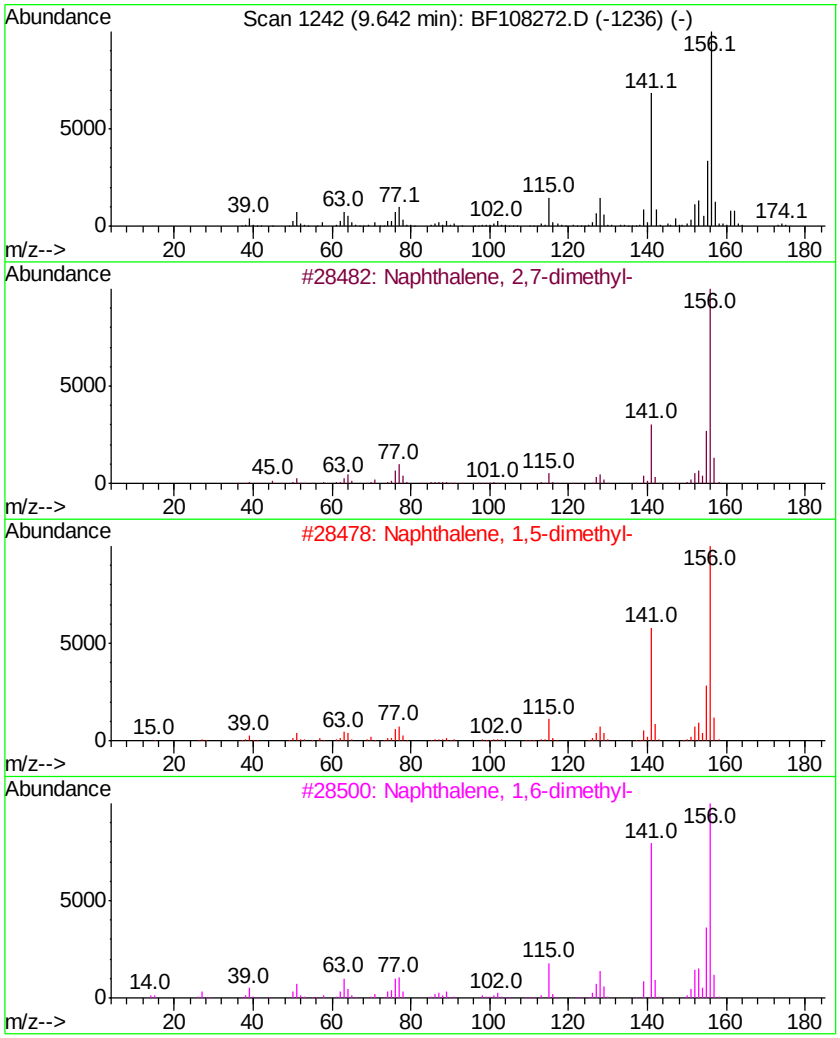
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

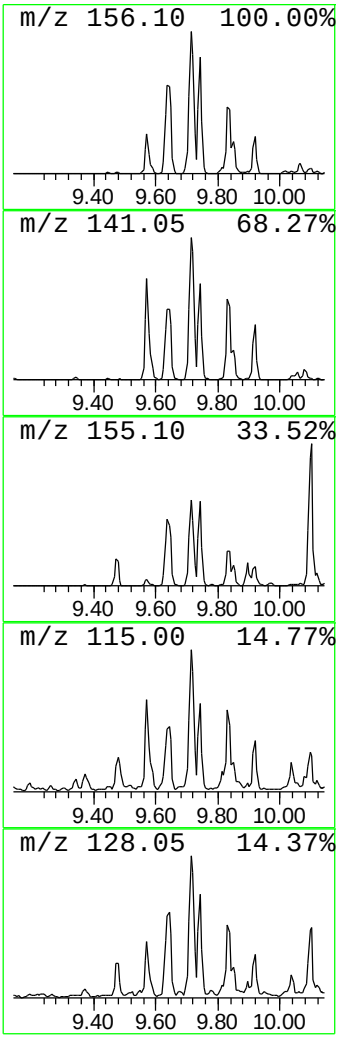
****

Peak Number 5 Naphthalene, 2,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.64	16.08 ng	886624	Acenaphthene-d10	10.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
Data File : BF108272.D
Acq On : 18 Aug 2018 5:04
Operator : JU/SJ
Sample : J4511-07 2X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081518-NSW-45-029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

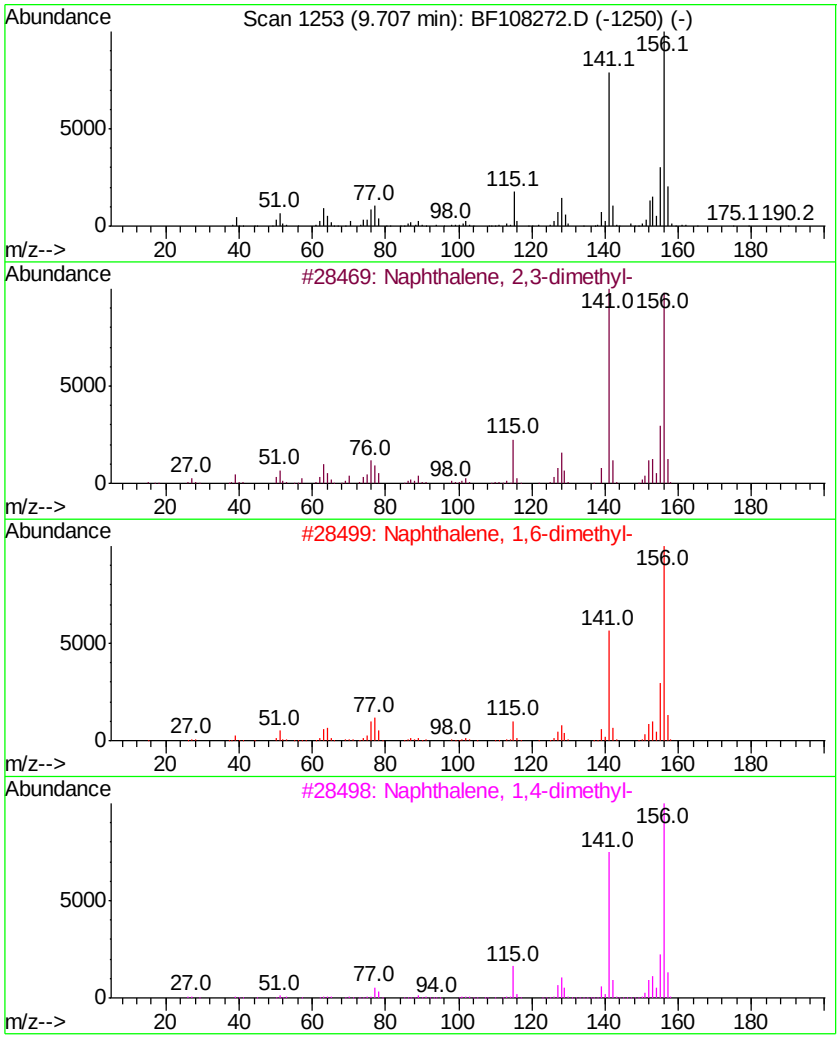
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

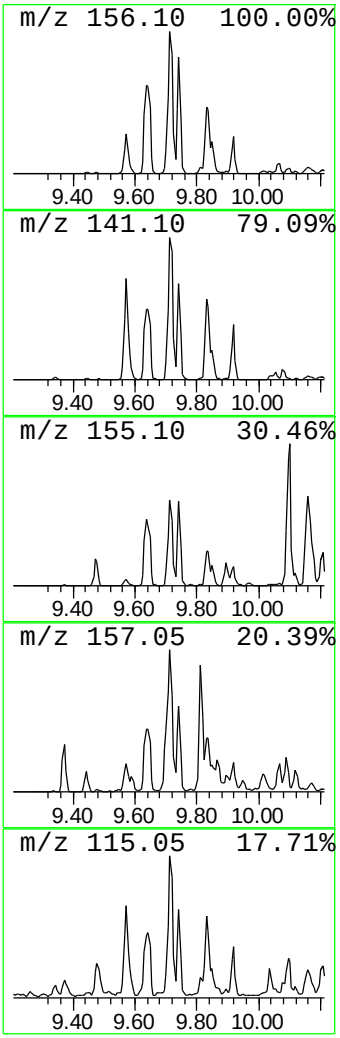
****

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	19.18 ng	1057670	Acenaphthene-d10	10.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96





Library Search Compound Report

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Data File : BF108272.D
Acq On : 18 Aug 2018 5:04
Operator : JU/SJ
Sample : J4511-07 2X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081518-NSW-45-029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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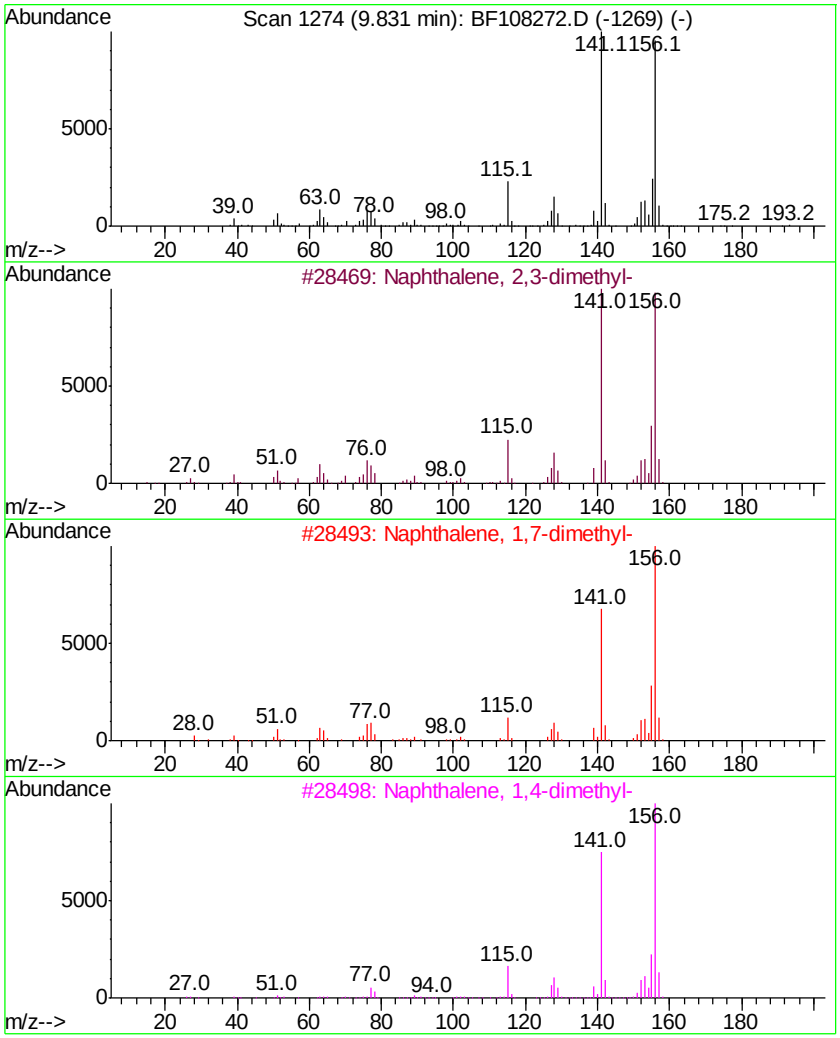
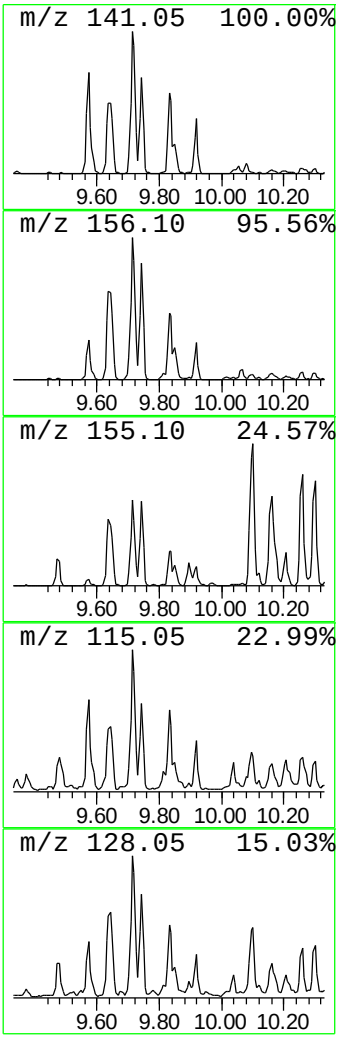
Peak Number 7 Naphthalene, 1,7-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	10.05 ng	554085	Acenaphthene-d10	10.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96





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Operator : JU/SJ
Sample : J4511-07 2X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081518-NSW-45-029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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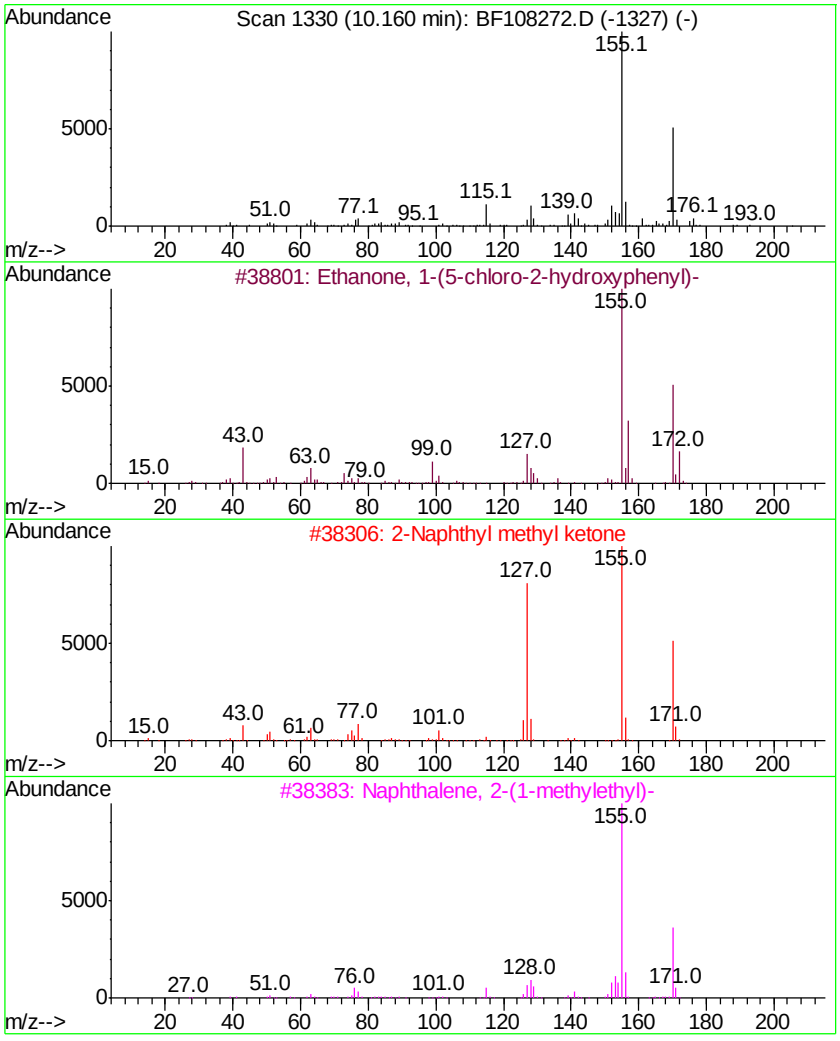
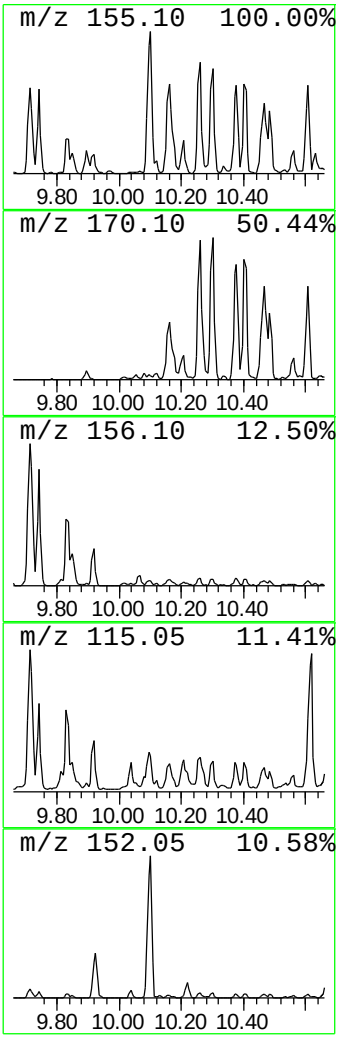
Peak Number 8 Ethanone, 1-(5-chloro-2-hyd... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.16	5.44 ng	299860	Acenaphthene-d10	10.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	80
2	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	72
3	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	72
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	52
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	50





Library Search Compound Report

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Operator : JU/SJ
Sample : J4511-07 2X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081518-NSW-45-029

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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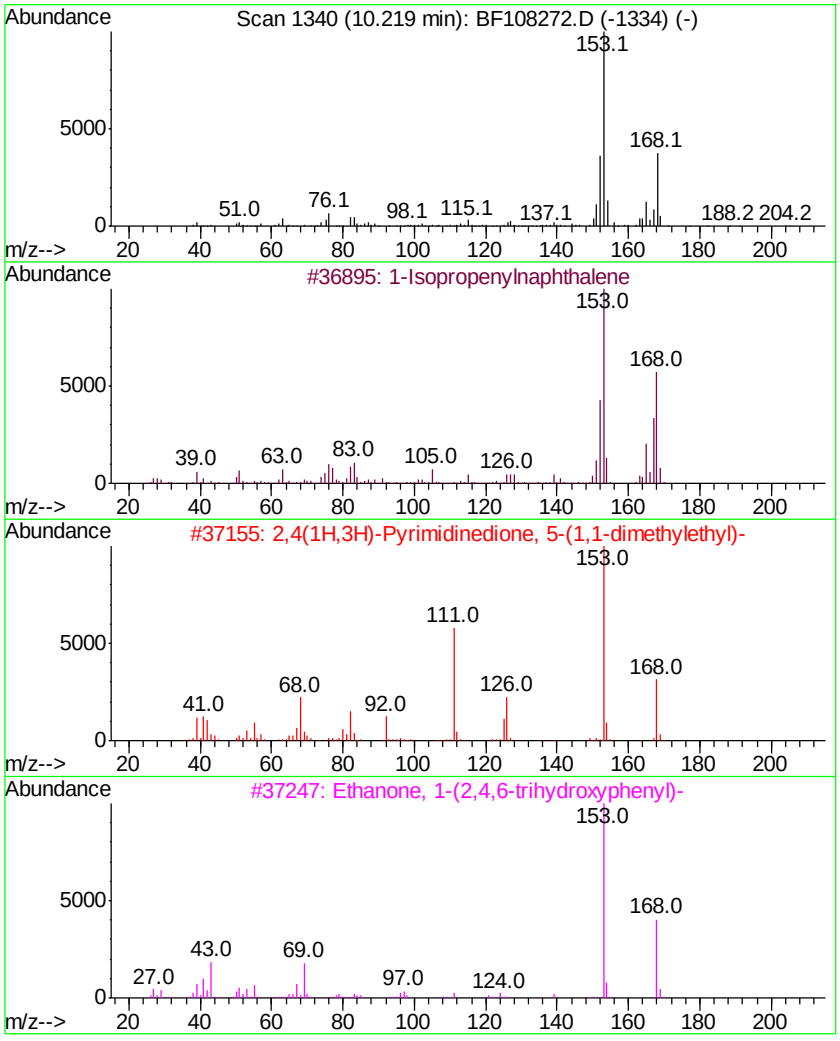
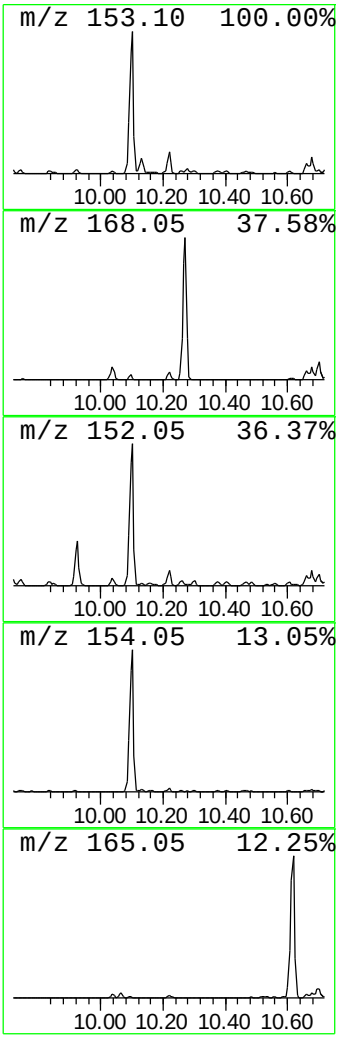
Peak Number 9 1-Isopropenylnaphthalene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	10.04 ng	553787	Acenaphthene-d10	10.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	80
2	2,4(1H,3H)-Pyrimidinedione, 5-(1...	168	C8H12N2O2	017432-97-2	53
3	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	52
4	Acetophenone, 3'-fluoro-4'-methoxy-	168	C9H9FO2	000455-91-4	50
5	Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	50





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Operator : JU/SJ
Sample : J4511-07 2X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081518-NSW-45-029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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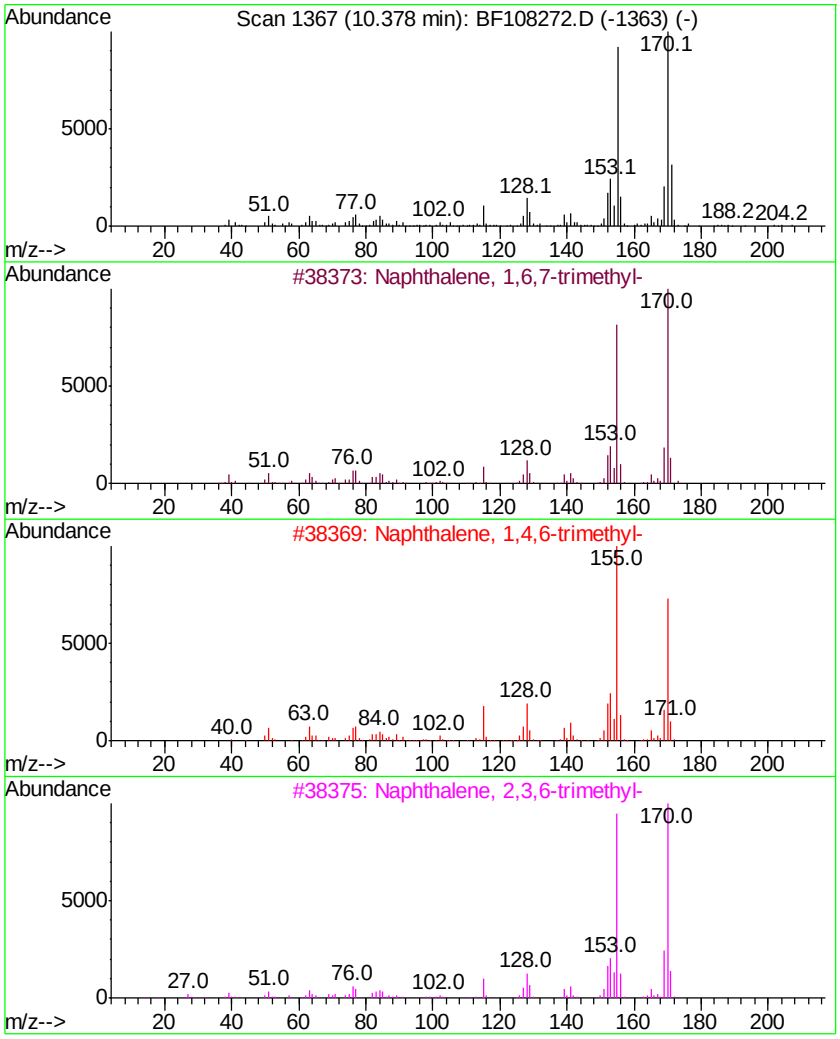
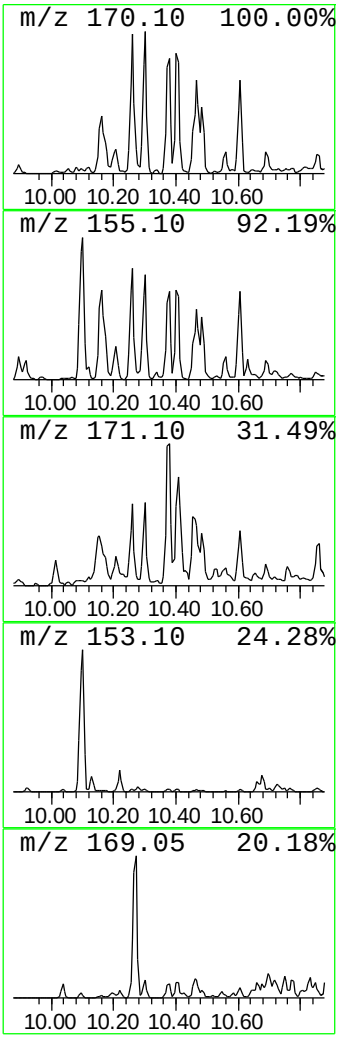
Peak Number 10 Naphthalene, 1,6,7-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	7.29 ng	401816	Acenaphthene-d10	10.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
4	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	90
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	87





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Operator : JU/SJ
Sample : J4511-07 2X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081518-NSW-45-029

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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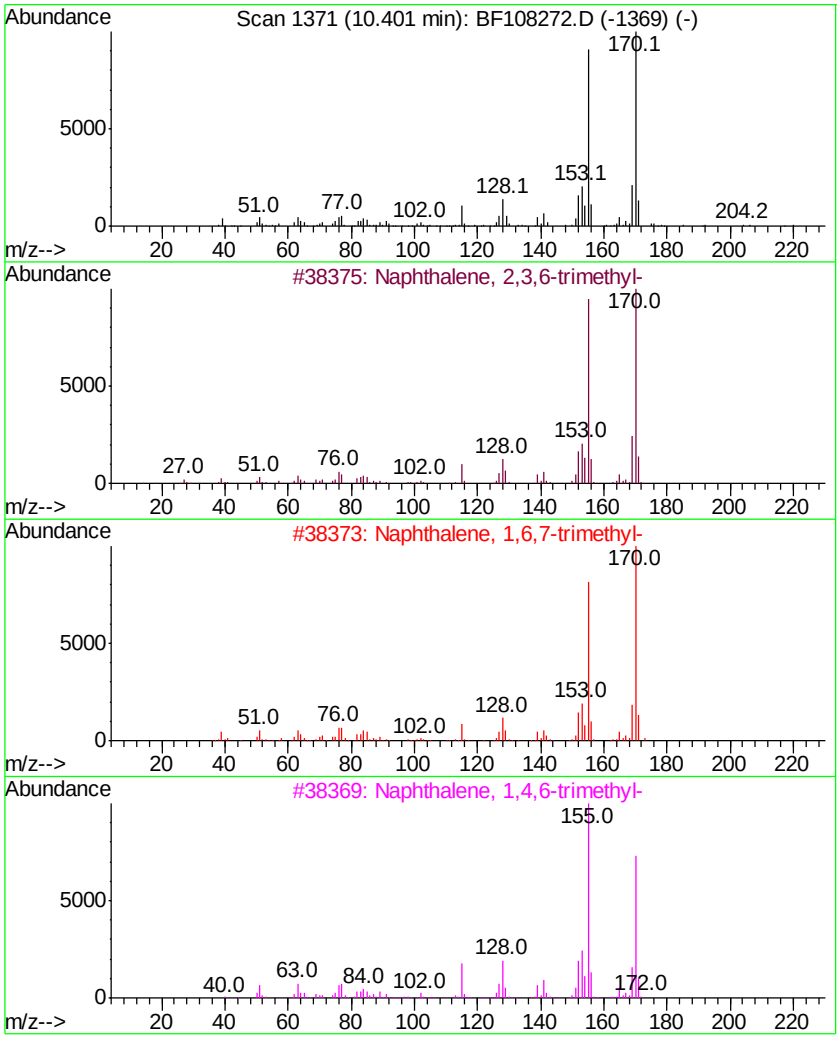
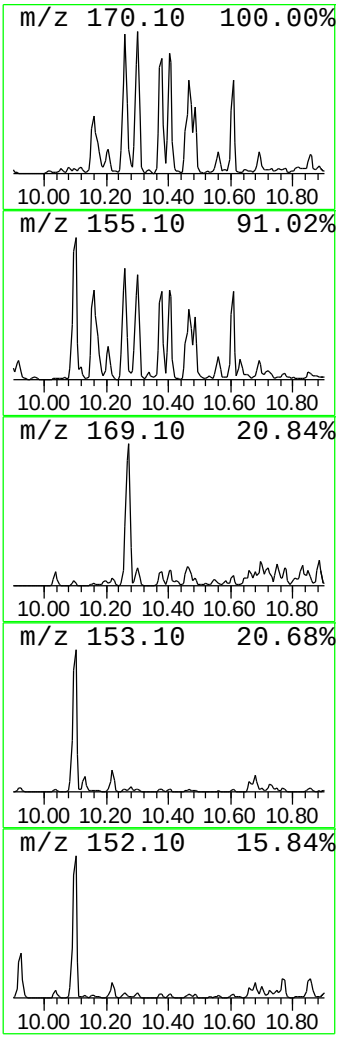
Peak Number 11 Naphthalene, 2,3,6-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	6.41 ng	353668	Acenaphthene-d10	10.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93





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Acq On : 18 Aug 2018 5:04
Operator : JU/SJ
Sample : J4511-07 2X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081518-NSW-45-029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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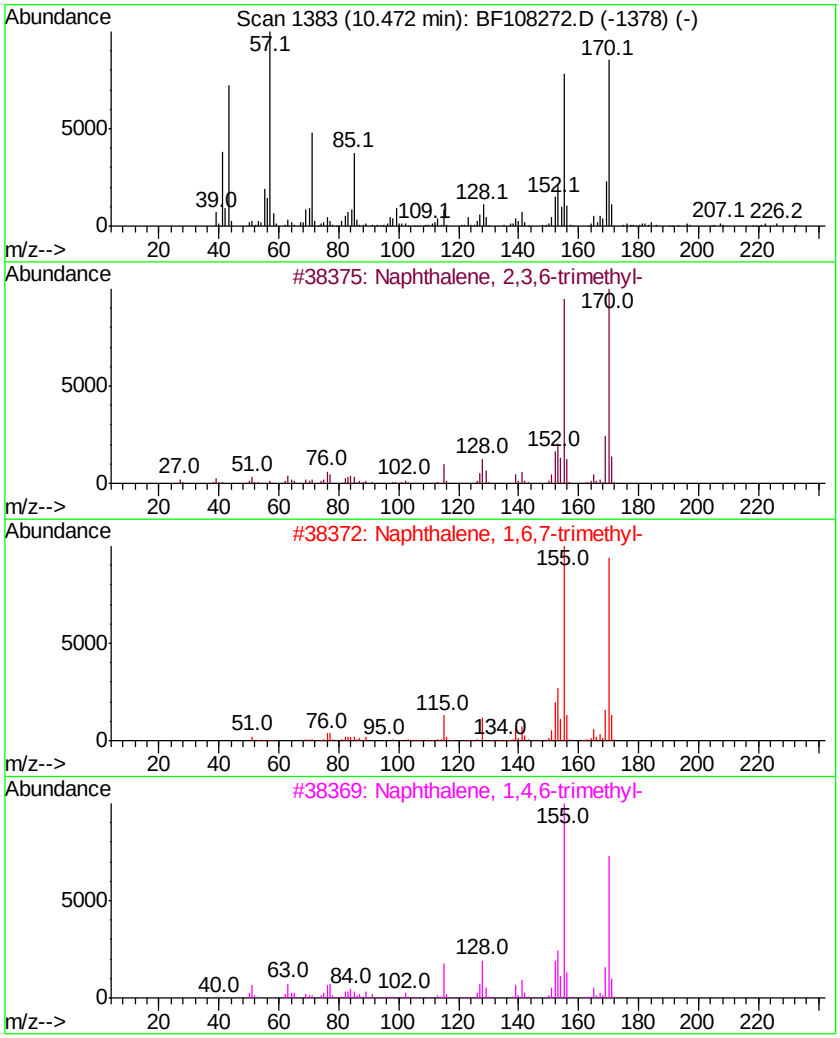
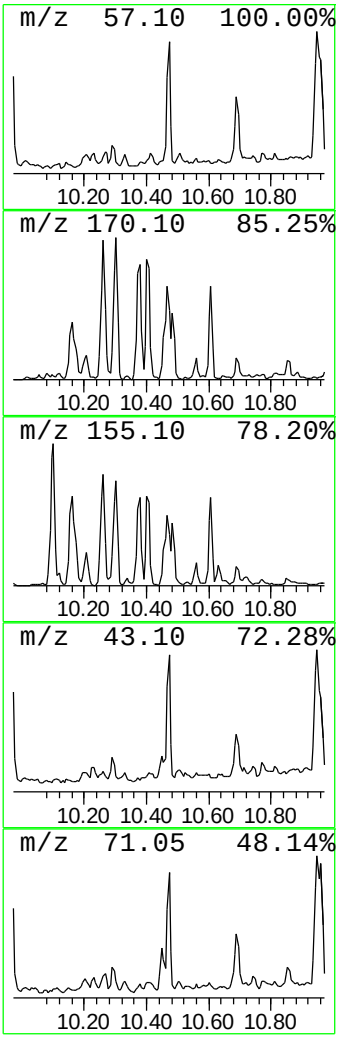
Peak Number 12 Naphthalene, 1,4,6-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	12.88 ng	710093	Acenaphthene-d10	10.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	86





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Operator : JU/SJ
Sample : J4511-07 2X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081518-NSW-45-029

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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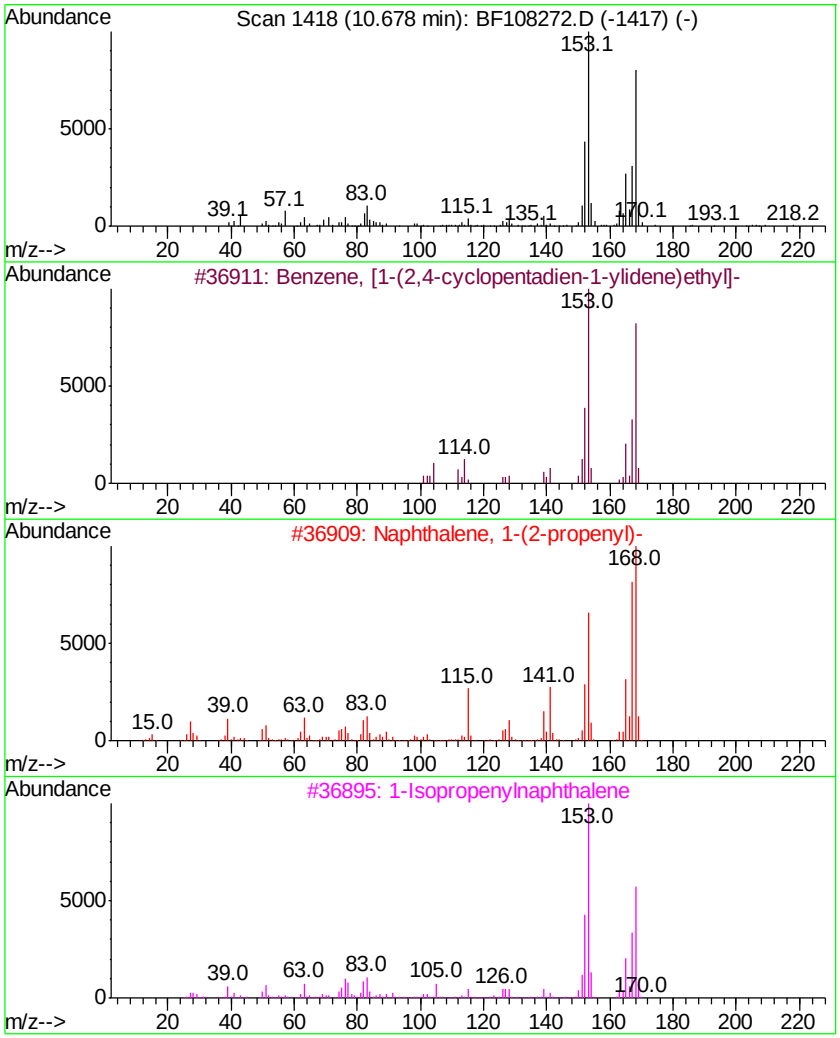
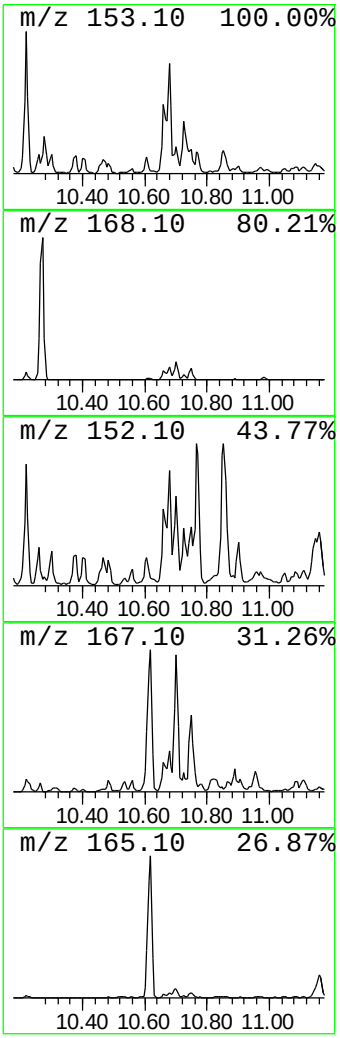
Peak Number 13 Benzene, [1-(2,4-cyclopenta... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	8.67 ng	478014	Acenaphthene-d10	10.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	87
2	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	83
3	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	80
4	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	59
5	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	52





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Sample : J4511-07 2X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081518-NSW-45-029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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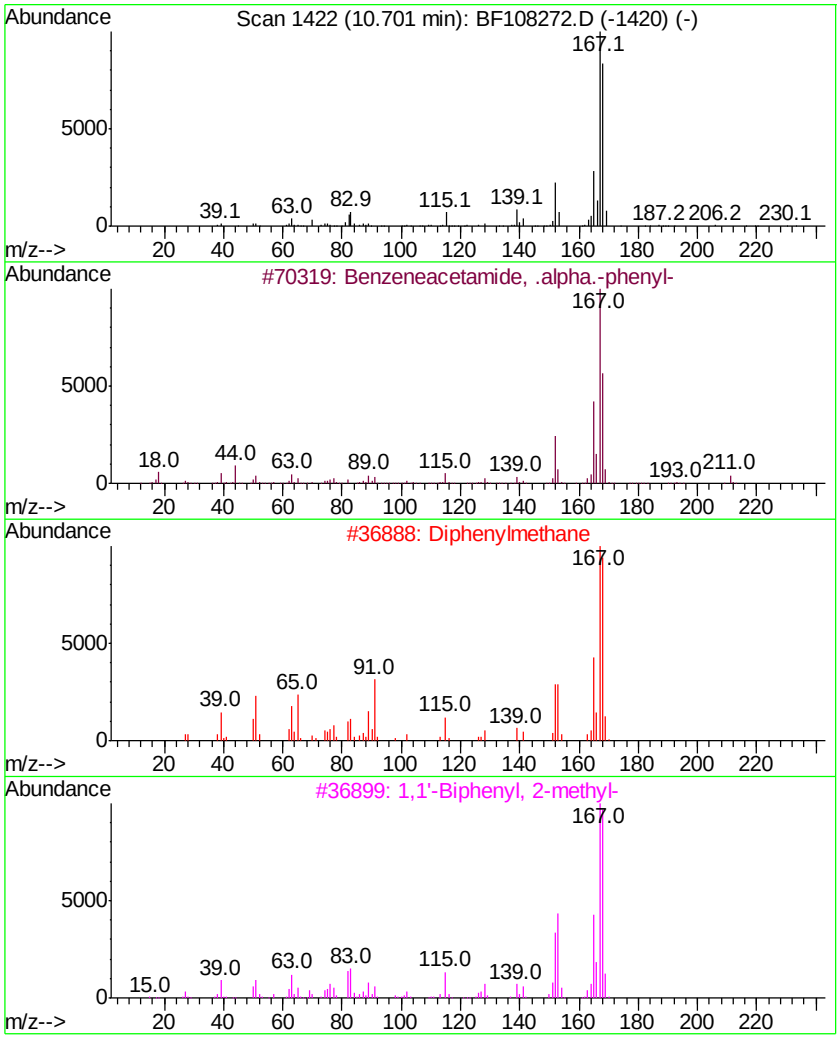
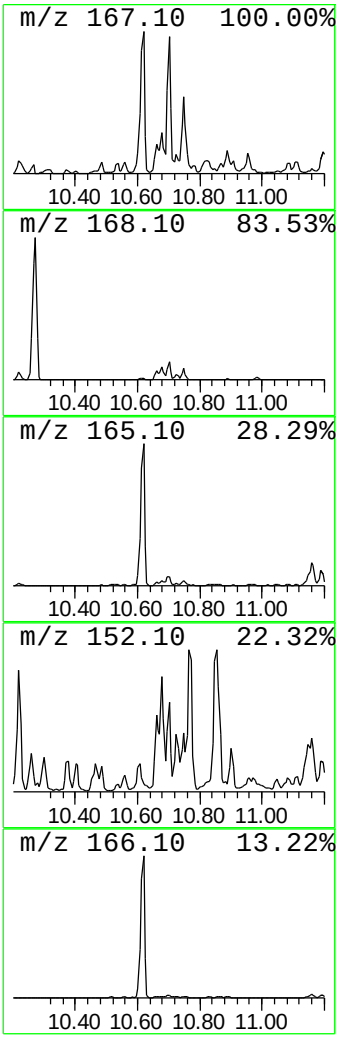
Peak Number 14 Benzeneacetamide, .alpha.-p... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	10.90 ng	601228	Acenaphthene-d10	10.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetamide, .alpha.-phenyl-	211	C14H13NO	004695-13-0	64
2	Diphenylmethane	168	C13H12	000101-81-5	62
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	58
4	(1,1'-Biphenyl)-4-ethanol	198	C14H14O	037729-18-3	50
5	Benzeneacetic acid, .alpha.-phenyl-	212	C14H12O2	000117-34-0	50





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Operator : JU/SJ
Sample : J4511-07 2X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081518-NSW-45-029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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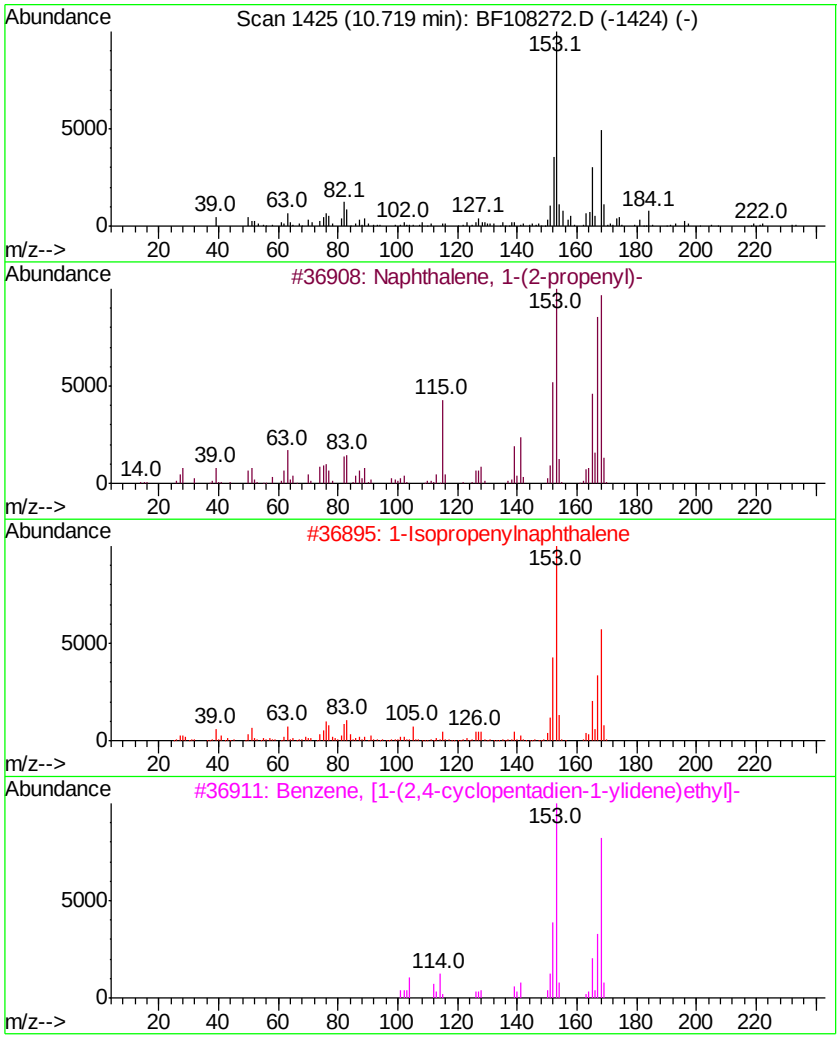
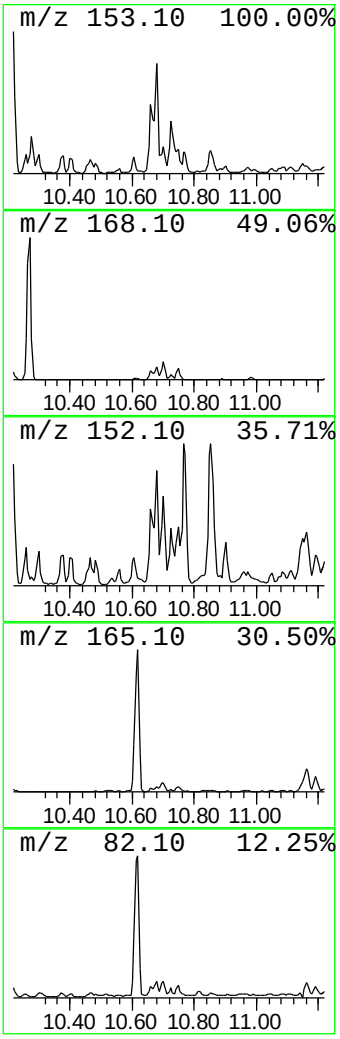
Peak Number 15 Naphthalene, 1-(2-propenyl)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	5.41 ng	298258	Acenaphthene-d10	10.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	72
2	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	64
3	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	64
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	38
5	Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	38





Library Search Compound Report

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Sample : J4511-07 2X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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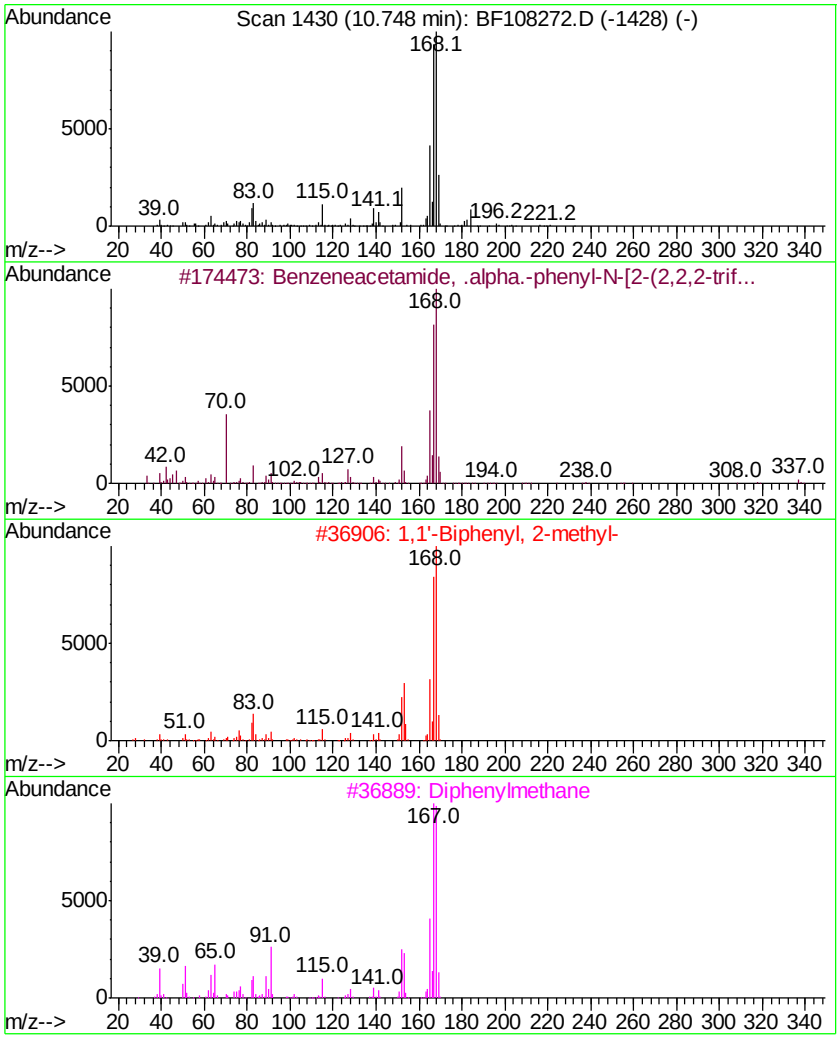
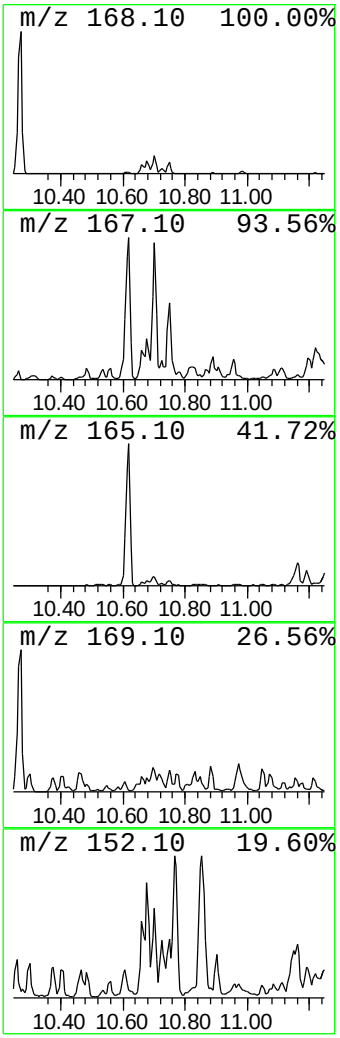
Peak Number 16 Benzeneacetamide, .alpha.-p... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	6.82 ng	375890	Acenaphthene-d10	10.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetamide, .alpha.-phenyl...	337	C18H18F3NO2	1000350-80-6	80
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	76
3	Diphenylmethane	168	C13H12	000101-81-5	76
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	64
5	2-Propanone, 1,1-diphenyl-	210	C15H14O	000781-35-1	49





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Misc :
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Instrument : BNA_F
ClientSampleId : RA-081518-NSW-45-029

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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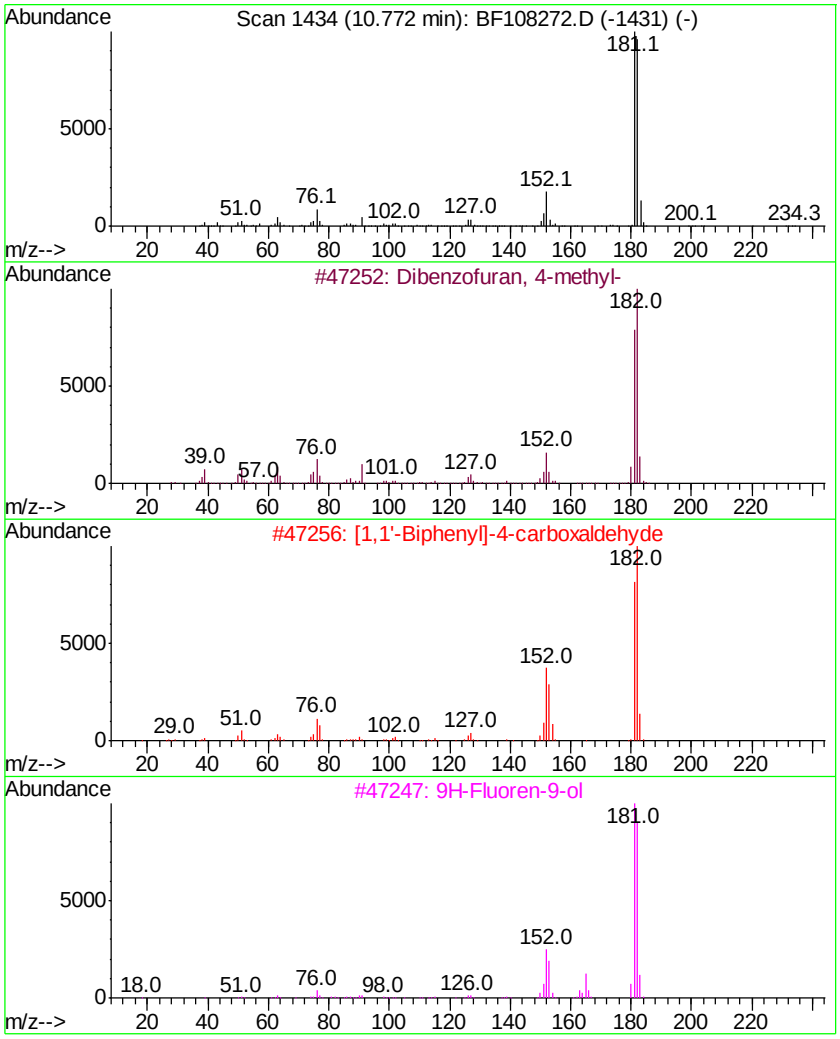
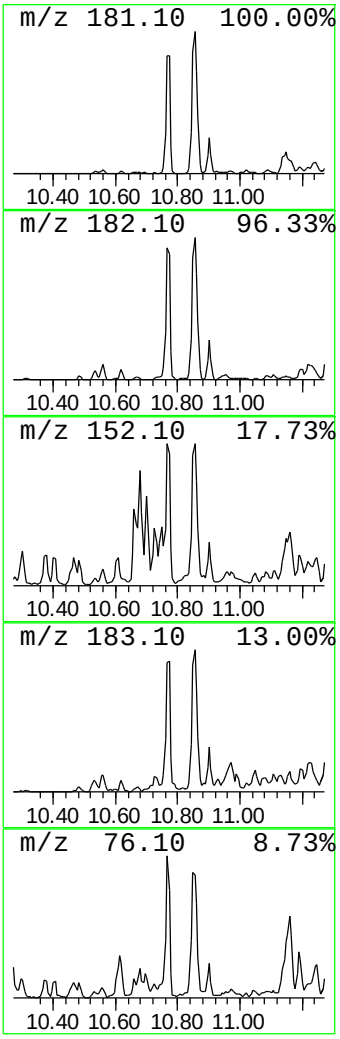
Peak Number 17 Dibenzofuran, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	16.83 ng	928368	Acenaphthene-d10	10.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	86
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72
5	Norharmane, N-methyl-	182	C12H10N2	1000374-78-6	72





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Acq On : 18 Aug 2018 5:04
Operator : JU/SJ
Sample : J4511-07 2X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081518-NSW-45-029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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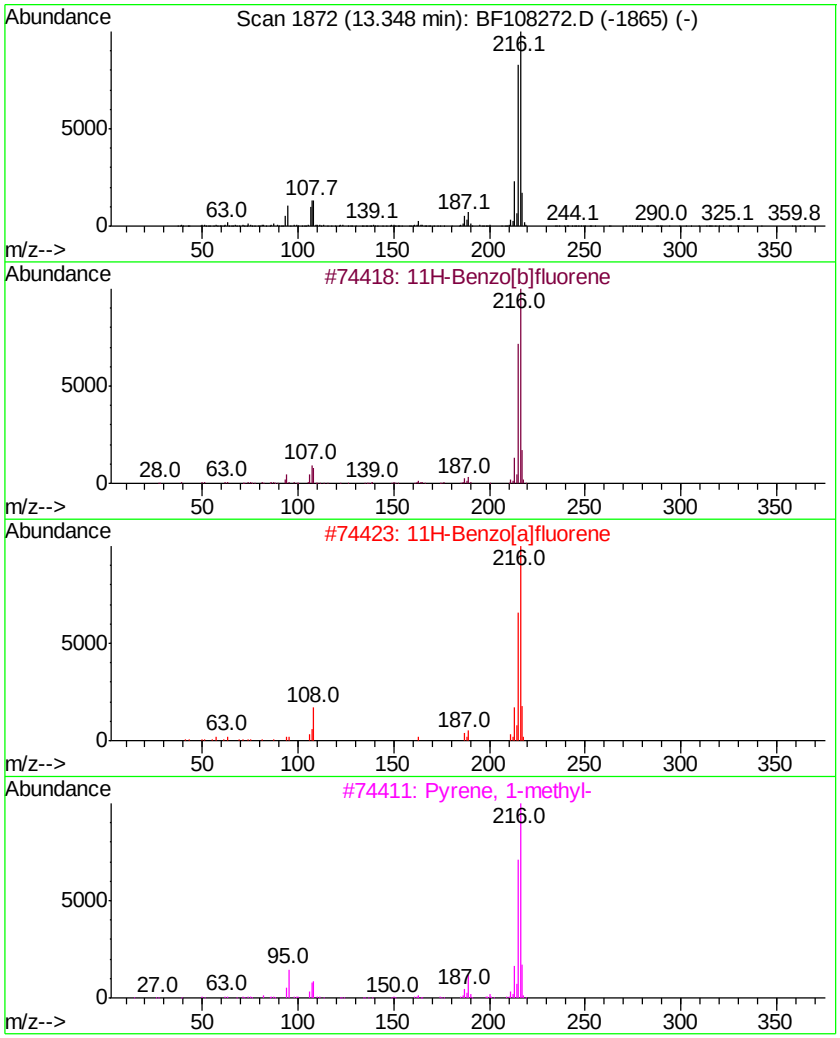
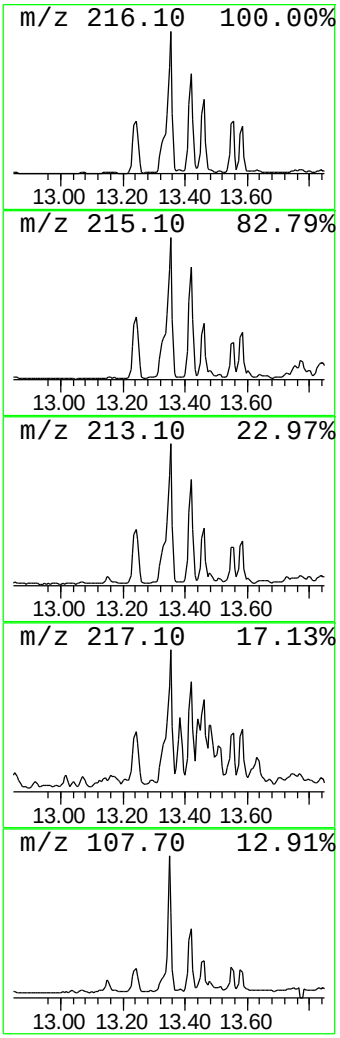
Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	8.25 ng	3475900	Chrysene-d12	14.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	95
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
Data File : BF108272.D
Acq On : 18 Aug 2018 5:04
Operator : JU/SJ
Sample : J4511-07 2X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081518-NSW-45-029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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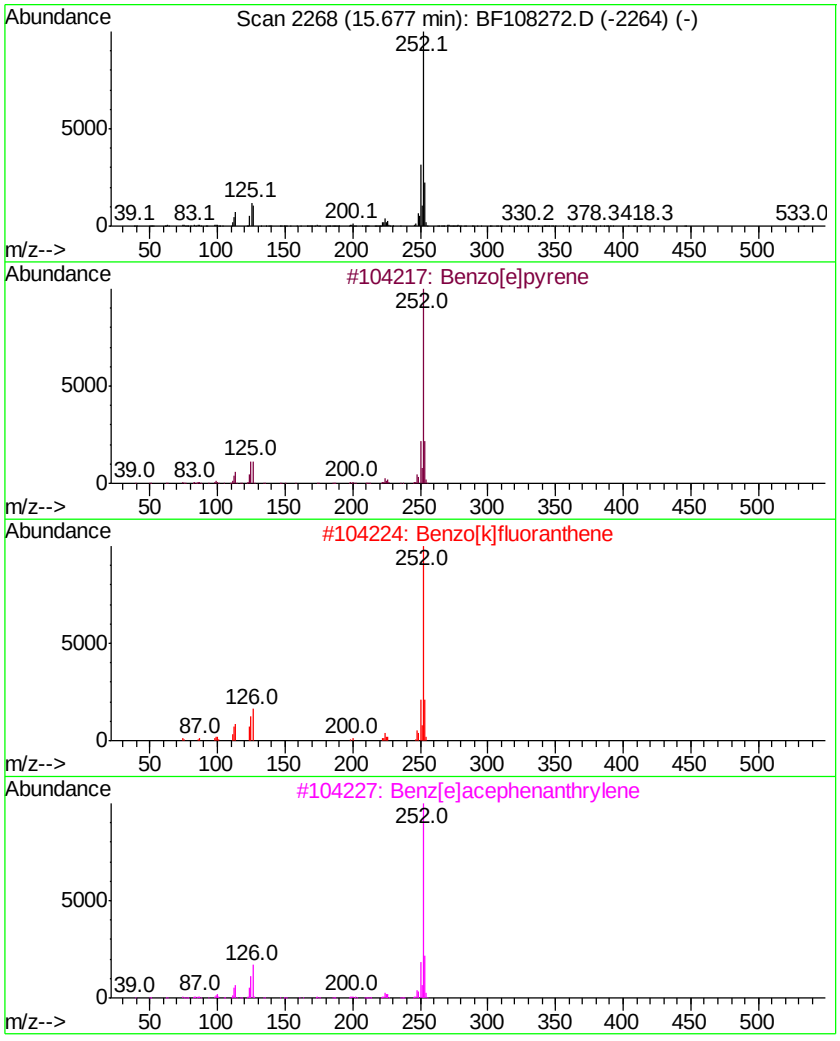
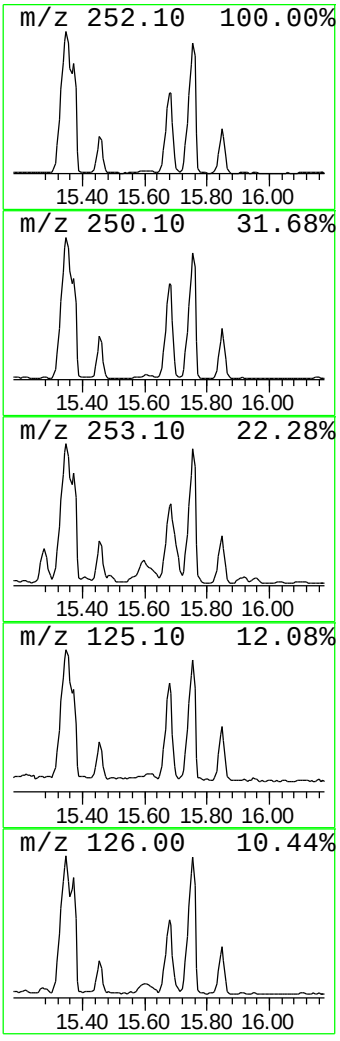
Peak Number 20 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	35.09 ng	2513370	Perylene-d12	15.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Perylene	252	C20H12	000198-55-0	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081718\
Data File : BF108272.D
Acq On : 18 Aug 2018 5:04
Operator : JU/SJ
Sample : J4511-07 2X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081518-NSW-45-029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.78	6.78	38.5	ng	1856330	1	7.01	963874	20.0
Naphthalene, 1-me...	9.11	21.1	ng	1228920	2	8.30	1163340	20.0
Naphthalene, 1-et...	9.57	7.9	ng	434709	3	10.06	1103000	20.0
Naphthalene, 2,7-...	9.64	16.1	ng	886624	3	10.06	1103000	20.0
Naphthalene, 2,3-...	9.71	19.2	ng	1057670	3	10.06	1103000	20.0
Naphthalene, 1,7-...	9.83	10.1	ng	554085	3	10.06	1103000	20.0
Ethanone, 1-(5-ch...	10.16	5.4	ng	299860	3	10.06	1103000	20.0
1-Isopropenylnaph...	10.22	10.0	ng	553787	3	10.06	1103000	20.0
Naphthalene, 1,6,...	10.38	7.3	ng	401816	3	10.06	1103000	20.0
Naphthalene, 2,3,...	10.40	6.4	ng	353668	3	10.06	1103000	20.0
Naphthalene, 1,4,...	10.47	12.9	ng	710093	3	10.06	1103000	20.0
Benzene, [1-(2,4-...	10.68	8.7	ng	478014	3	10.06	1103000	20.0
Benzeneacetamide,...	10.70	10.9	ng	601228	3	10.06	1103000	20.0
Naphthalene, 1-(2...	10.72	5.4	ng	298258	3	10.06	1103000	20.0
Benzeneacetamide,...	10.75	6.8	ng	375890	3	10.06	1103000	20.0
Dibenzofuran, 4-m...	10.77	16.8	ng	928368	3	10.06	1103000	20.0
11H-Benzo[b]fluorene	13.35	8.3	ng	3475900	5	14.24	8431460	20.0
Benzo[e]pyrene	15.68	35.1	ng	2513370	6	15.81	1432610	20.0