LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081418\
Data File : BF108138.D
Acq On : 14 Aug 2018 12:19
Operator : JU/SJ
Sample : J4409-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-12C

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	2.372	3	6	11	rVB	355311	457173	10.62%	0.621%
2	3.666	222	226	233	rBV	27689	52775	1.23%	0.072%
3	5.266	492	498	505	rBV	692139	832604	19.34%	1.131%
4	5.648	556	563	566	rBV	4141609	3953302	91.85%	5.369%
5	6.642	726	732	736	rBV	3818636	4304206	100.00%	5.845%
6	6.789	752	757	760	rBV	4444941	4083907	94.88%	5.546%
7	7.019	792	796	800	rBV	1468659	1164816	27.06%	1.582%
8	7.178	819	823	826	rBV	3391854	2922143	67.89%	3.968%
9	7.578	886	891	894	rBV	2558153	2589989	60.17%	3.517%
10	8.301	1010	1014	1017	rBV	1624481	1507737	35.03%	2.048%
11	8.325	1017	1018	1021	rVB	378317	188575	4.38%	0.256%
12	9.013	1132	1135	1139	rBV	126013	111097	2.58%	0.151%
13	9.066	1141	1144	1147	rVV	78460	67095	1.56%	0.091%
14	9.113	1149	1152	1155	rVB	85230	73218	1.70%	0.099%
15	9.378	1191	1197	1200	rBV	4300908	3953923	91.86%	5.369%
16	9.442	1205	1208	1211	rVV2	52035	48389	1.12%	0.066%
17	9.478	1211	1214	1217	rVV	82866	69285	1.61%	0.094%
18	9.572	1225	1230	1232	rBV3	69019	91895	2.14%	0.125%
19	9.648	1237	1243	1246	rBV2	109656	147706	3.43%	0.201%
20	9.719	1249	1255	1257	rBV2	182375	265176	6.16%	0.360%
21	9.748	1257	1260	1261	rBV2	132329	137051	3.18%	0.186%
22	9.766	1261	1263	1266	rVB	580593	413322	9.60%	0.561%
23	9.819	1268	1272	1274	rBV	133366	143071	3.32%	0.194%
24	9.872	1279	1281	1284	rVB	79193	59166	1.37%	0.080%
25	9.925	1287	1290	1293	rBV2	161851	143346	3.33%	0.195%
26	9.972	1295	1298	1303	rBV5	45276	62852	1.46%	0.085%
27	10.036	1307	1309	1311	rBV2	61375	61272	1.42%	0.083%
28	10.066	1311	1314	1317	rVV2	1580677	1343444	31.21%	1.824%
29	10.095	1317	1319	1322	rVB	951593	842072	19.56%	1.144%
30	10.160	1326	1330	1335	rVB2	75387	129999	3.02%	0.177%
31	10.207	1335	1338	1340	rBV	61291	60482	1.41%	0.082%
32	10.266	1345	1348	1351	rVV2	169291	189600	4.40%	0.257%
33	10.301	1351	1354	1358	rVB	134370	125926	2.93%	0.171%
34	10.377	1363	1367	1370	rBV2	174630	218055	5.07%	0.296%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J4409-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-12C

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

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

35	10.407	1370	1372	1377	rBV2	112579	114300	2.66%	0.155%
36	10.472	1378	1383	1384	rBV2	99827	148731	3.46%	0.202%
37	10.489	1384	1386	1388	rVB	77192	58543	1.36%	0.080%
38	10.525	1388	1392	1396	rBV4	67760	117173	2.72%	0.159%
39	10.560	1396	1398	1400	rVV	78444	57777	1.34%	0.078%
40	10.613	1404	1407	1411	rVV	724160	710259	16.50%	0.965%
41	10.666	1413	1416	1417	rVV	150703	137305	3.19%	0.186%
42	10.701	1420	1422	1425	rVV	231679	229253	5.33%	0.311%
43	10.754	1428	1431	1432	rVV	166050	172798	4.01%	0.235%
44	10.772	1432	1434	1437	rVB	273988	218950	5.09%	0.297%
45	10.860	1444	1449	1452	rBV	2813203	2566714	59.63%	3.486%
46	10.907	1455	1457	1460	rVB	142729	116599	2.71%	0.158%
47	10.983	1467	1470	1475	rVB2	134847	154398	3.59%	0.210%
48	11.054	1479	1482	1484	rBV2	60384	63810	1.48%	0.087%
49	11.166	1496	1501	1504	rBV2	322096	334719	7.78%	0.455%
50	11.195	1504	1506	1509	rVB2	166502	128356	2.98%	0.174%
51	11.248	1512	1515	1518	rVB	135283	115499	2.68%	0.157%
52	11.289	1518	1522	1524	rBV3	155862	182508	4.24%	0.248%
53	11.313	1524	1526	1530	rVV3	127330	124416	2.89%	0.169%
54	11.366	1532	1535	1538	rVB3	128574	129630	3.01%	0.176%
55	11.401	1538	1541	1545	rBV2	167426	204660	4.75%	0.278%
56	11.460	1548	1551	1555	rVB	293175	261457	6.07%	0.355%
57	11.566	1565	1569	1571	rBV	1469861	1392431	32.35%	1.891%
58	11.589	1571	1573	1576	rVV	2772493	2124316	49.35%	2.885%
59	11.642	1578	1582	1584	rVV	1483198	1209951	28.11%	1.643%
60	11.672	1584	1587	1590	rVB	473972	401503	9.33%	0.545%
61	11.854	1616	1618	1620	rBV	114509	110970	2.58%	0.151%
62	12.066	1651	1654	1657	rBV2	770543	767008	17.82%	1.042%
63	12.095	1657	1659	1663	rBV	536337	440245	10.23%	0.598%
64	12.142	1665	1667	1670	rBV	485548	417475	9.70%	0.567%
65	12.183	1670	1674	1676	rBV	1144237	1258464	29.24%	1.709%
66	12.360	1702	1704	1707	rBV	399567	414479	9.63%	0.563%
67	12.807	1776	1780	1783	rVB	3658940	3807091	88.45%	5.170%
68	12.907	1795	1797	1801	rVB	353920	351847	8.17%	0.478%
69	13.007	1811	1814	1815	rBV	689388	674506	15.67%	0.916%
70	13.030	1815	1818	1822	rVV	3575523	3337293	77.54%	4.532%
71	13.066	1822	1824	1829	rVB3	253702	315617	7.33%	0.429%

LSC Area Percent Report

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Sample : J4409-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-12C

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

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

72	13.154	1834	1839	1842	rBV	3747693	3388448	78.72%	4.602%
73	13.183	1842	1844	1848	rVB	218027	185453	4.31%	0.252%
74	13.236	1849	1853	1857	rVB2	254510	429482	9.98%	0.583%
75	13.289	1860	1862	1864	rBV	118165	95309	2.21%	0.129%
76	13.348	1865	1872	1876	rVB	848580	1050570	24.41%	1.427%
77	13.413	1880	1883	1886	rBV	805667	668354	15.53%	0.908%
78	13.454	1886	1890	1893	rVB4	345823	413262	9.60%	0.561%
79	13.548	1903	1906	1908	rBV	179337	176867	4.11%	0.240%
80	13.577	1908	1911	1916	rVB2	275242	310829	7.22%	0.422%
81	13.824	1951	1953	1956	rBV2	109906	138267	3.21%	0.188%
82	13.971	1975	1978	1980	rBV	172549	152850	3.55%	0.208%
83	13.995	1980	1982	1984	rVV	337704	269005	6.25%	0.365%
84	14.030	1984	1988	2002	rVB4	544762	876530	20.36%	1.190%
85	14.218	2015	2020	2023	rBV3	2110962	3087246	71.73%	4.193%
86	14.248	2023	2025	2031	rVB	1448265	1207703	28.06%	1.640%
87	14.330	2036	2039	2041	rBV	237190	209200	4.86%	0.284%
88	14.365	2042	2045	2048	rVB	272647	251075	5.83%	0.341%
89	14.442	2055	2058	2062	rBV2	204172	287049	6.67%	0.390%
90	14.607	2083	2086	2089	rVB	275727	286044	6.65%	0.388%
91	14.671	2095	2097	2102	rVB3	186516	202409	4.70%	0.275%
92	14.765	2110	2113	2117	rVB2	266231	280086	6.51%	0.380%
93	14.965	2145	2147	2154	rVB3	273619	385322	8.95%	0.523%
94	15.318	2202	2207	2210	rBV	781119	1339586	31.12%	1.819%
95	15.436	2224	2227	2234	rVB	258823	336627	7.82%	0.457%
96	15.648	2260	2263	2269	rVB	436504	622451	14.46%	0.845%
97	15.718	2271	2275	2279	rVV	799695	1063988	24.72%	1.445%
98	15.789	2282	2287	2290	rVV	693033	1013356	23.54%	1.376%
99	15.818	2290	2292	2299	rVB2	211344	299026	6.95%	0.406%
100	17.406	2558	2562	2571	rVB2	211729	424718	9.87%	0.577%

Sum of corrected areas: 73636832

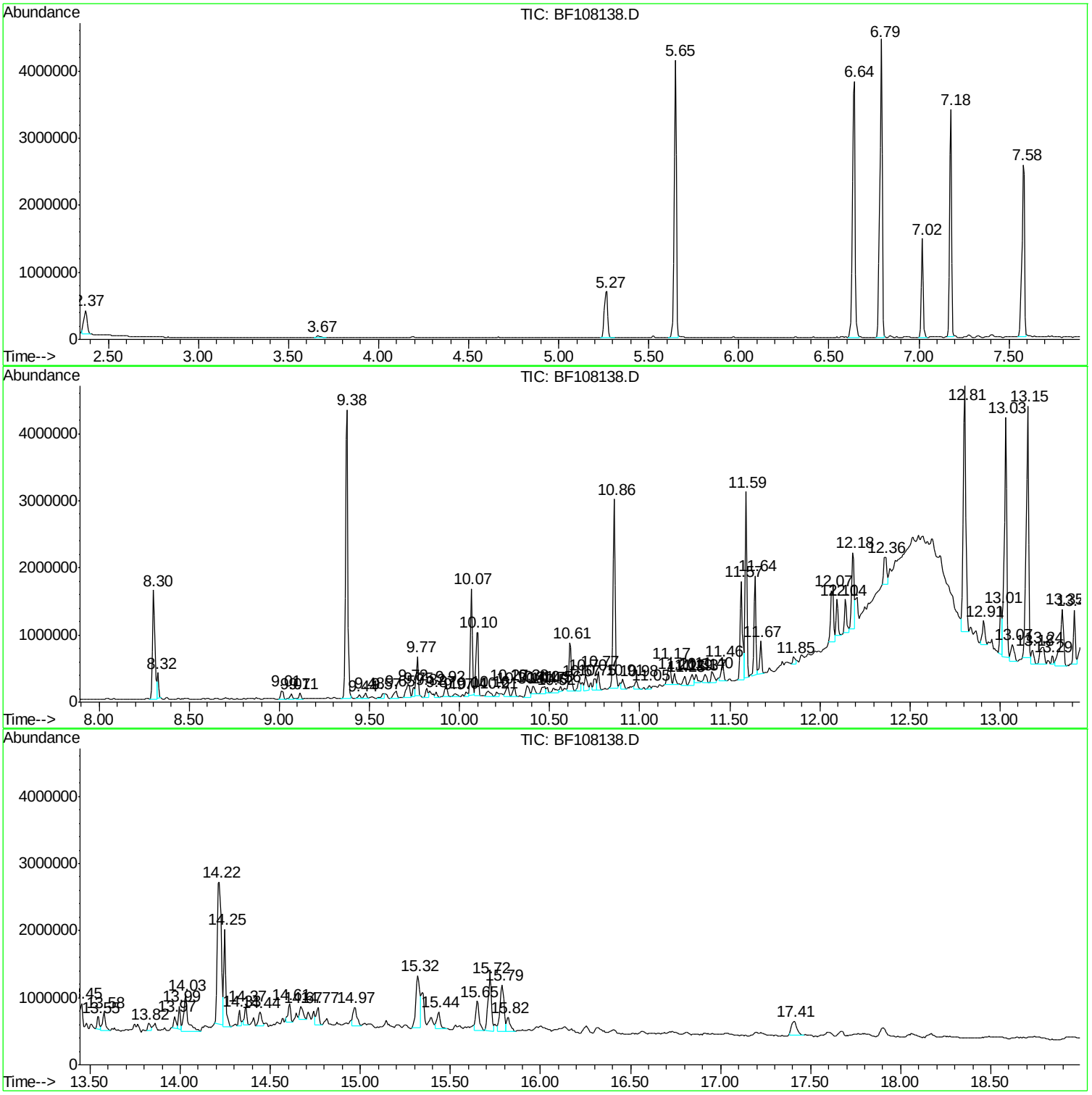
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081418\
Data File : BF108138.D
Acq On : 14 Aug 2018 12:19
Operator : JU/SJ
Sample : J4409-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-12C

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\BF081418\
Data File : BF108138.D
Acq On : 14 Aug 2018 12:19
Operator : JU/SJ
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Instrument :
BNA_F
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2018-NYSEG-CLARK-AREA-12C

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

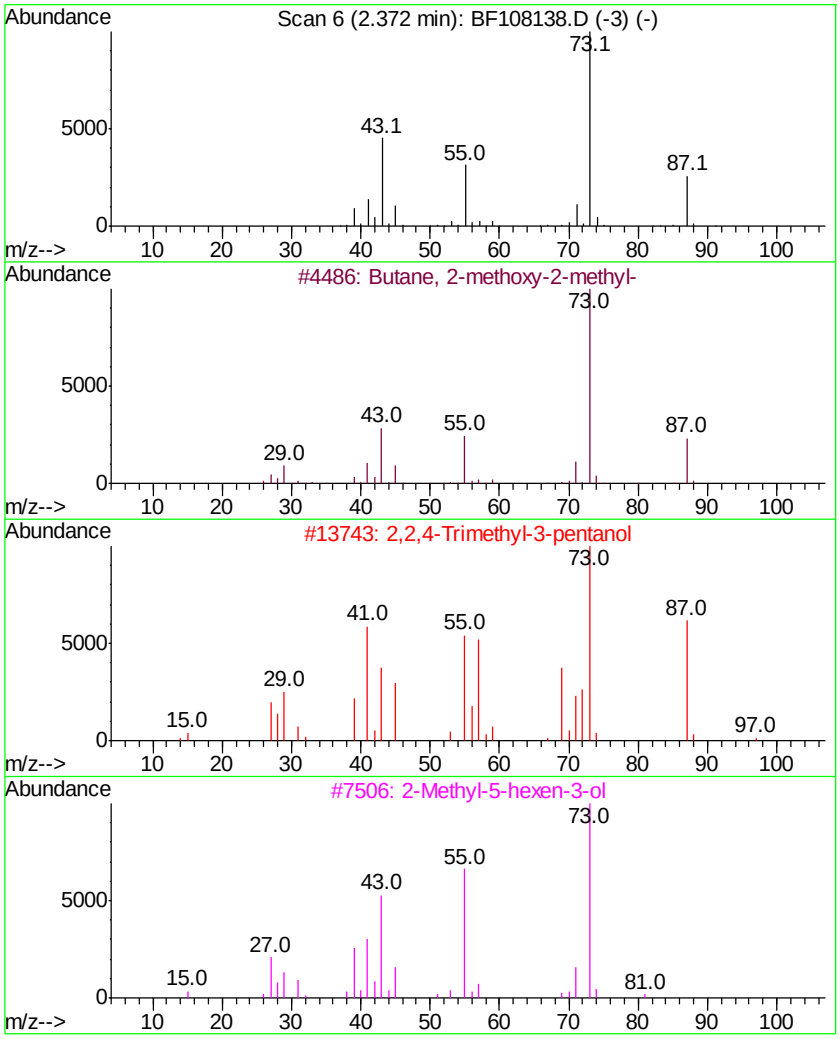
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

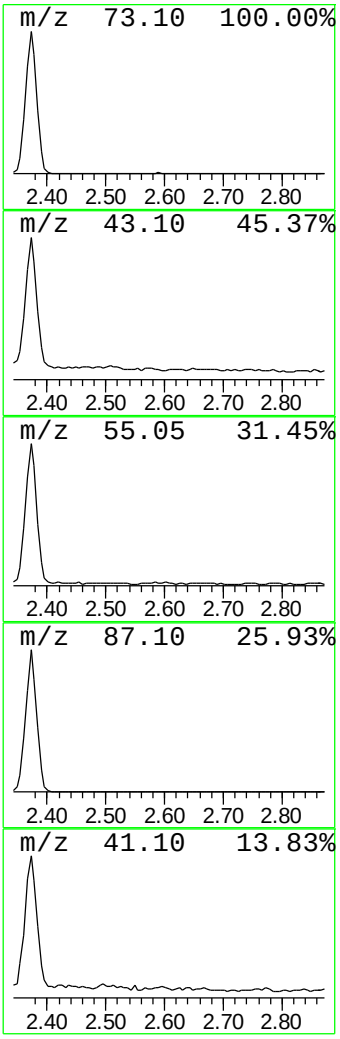
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.37	7.85 ng	457173	1,4-Dichlorobenzene-d4	7.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	38
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	32





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Data File : BF108138.D
Acq On : 14 Aug 2018 12:19
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Sample : J4409-13
Misc :
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Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-12C

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

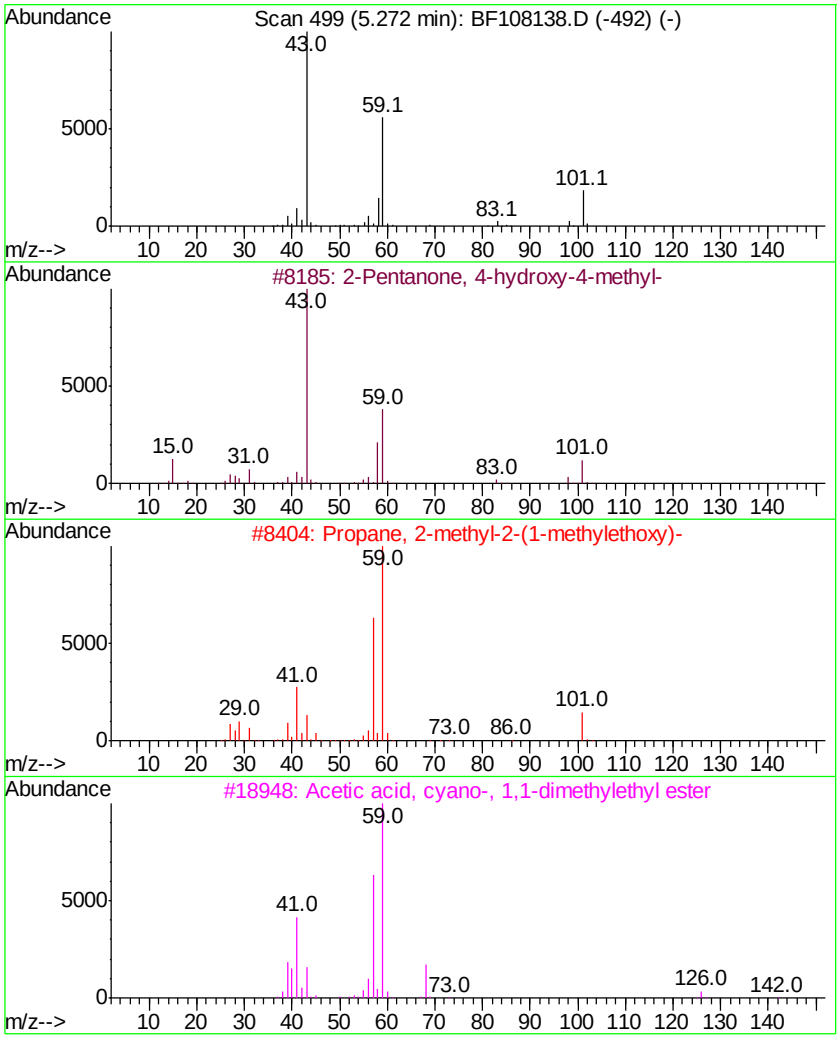
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

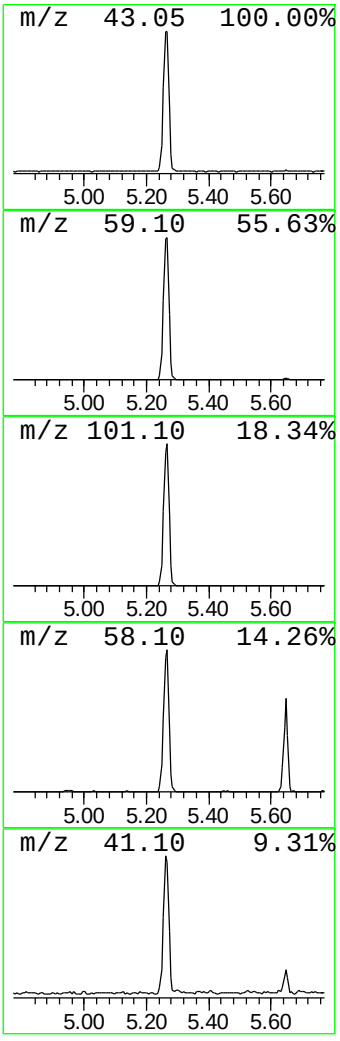
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.27	14.30 ng	832604	1,4-Dichlorobenzene-d4	7.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Library Search Compound Report

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TIC Library : C:\DATABASE\NIST11.L
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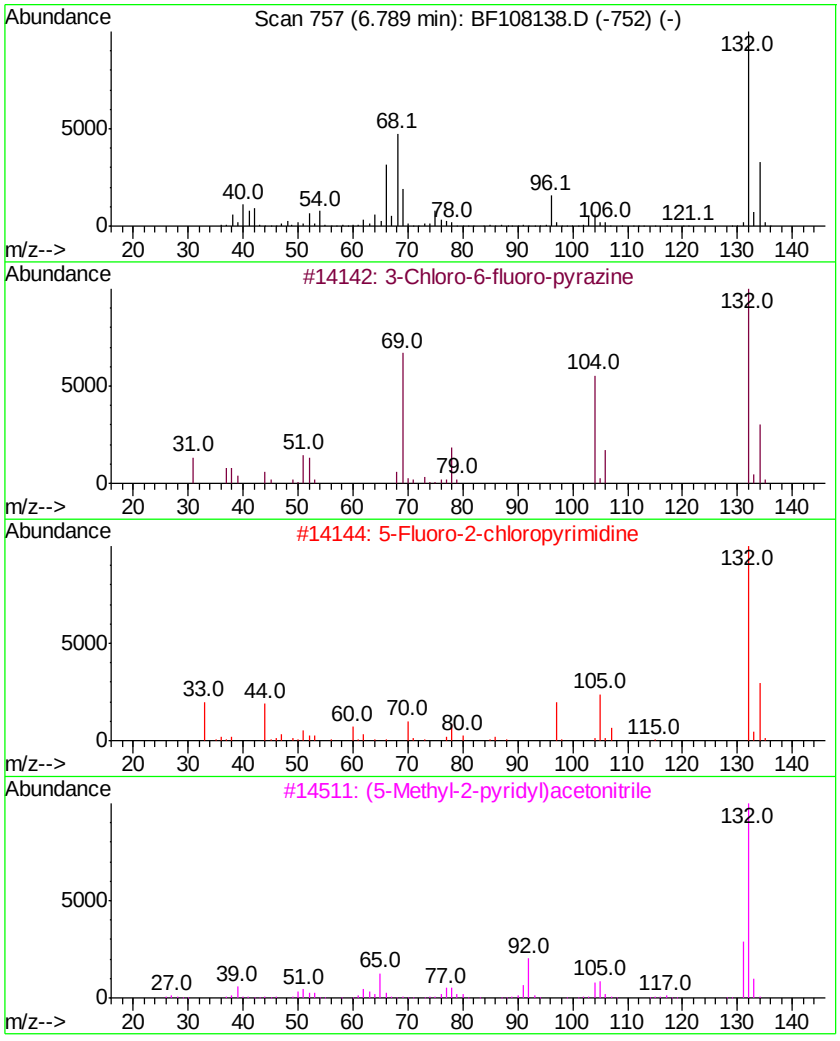
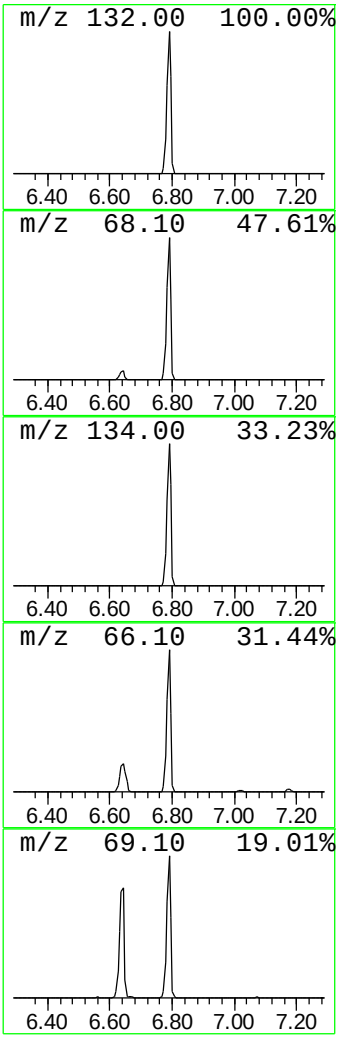
Peak Number 3 unknown6.79 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	70.12 ng	4083910	1,4-Dichlorobenzene-d4	7.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
4	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-12C

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

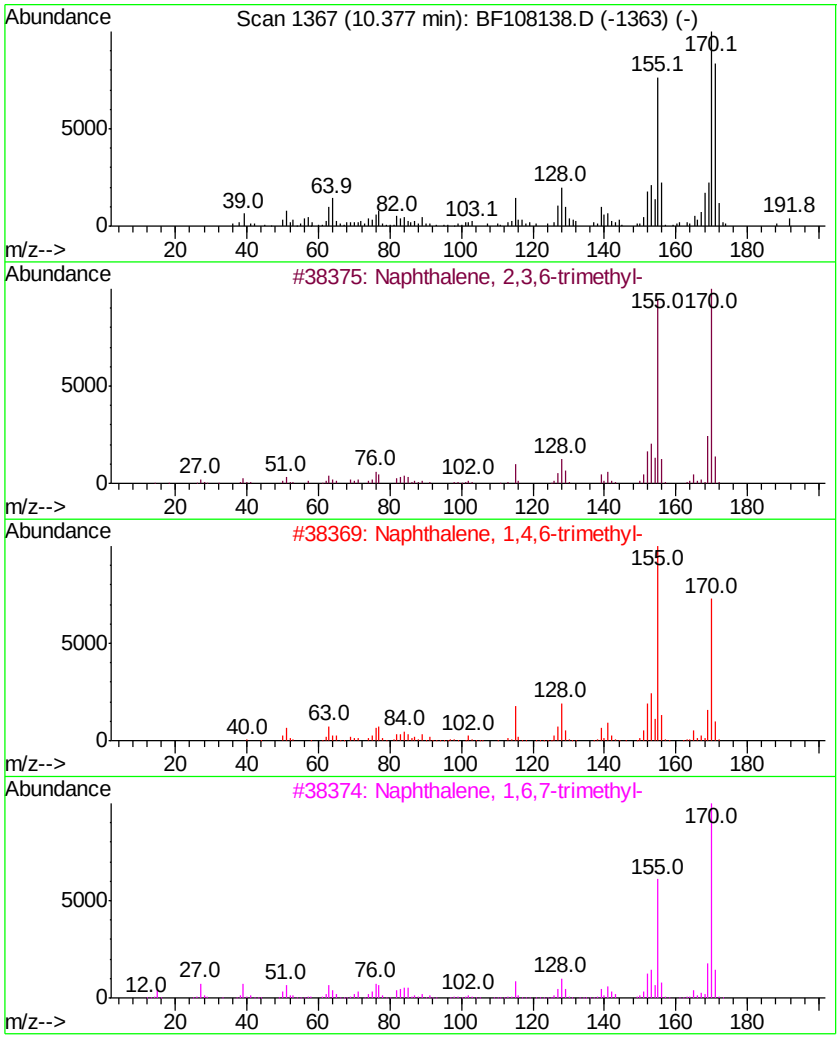
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

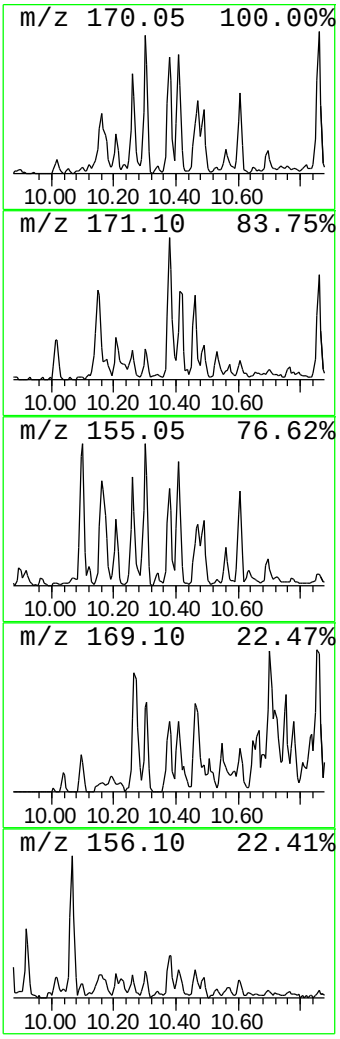
****

Peak Number 5 Naphthalene, 2,3,6-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	3.25 ng	218055	Acenaphthene-d10	10.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	86
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	70
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	60
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	60





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Data File : BF108138.D
Acq On : 14 Aug 2018 12:19
Operator : JU/SJ
Sample : J4409-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-12C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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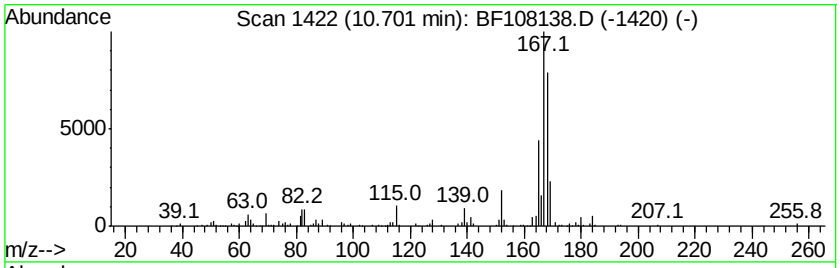
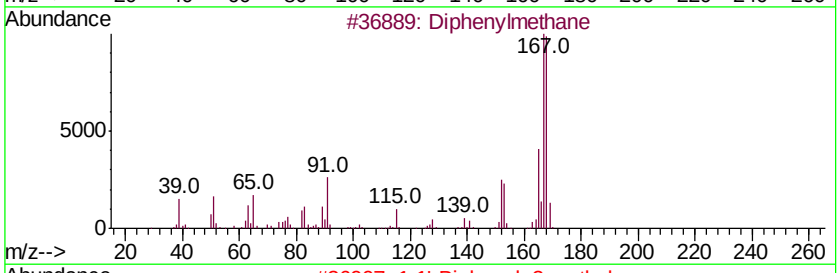
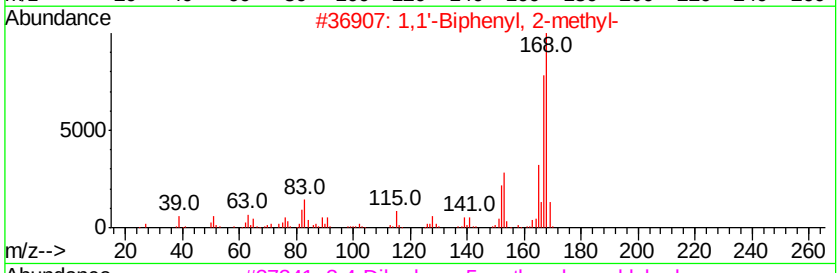
Peak Number 6 Diphenylmethane Concentration Rank 17

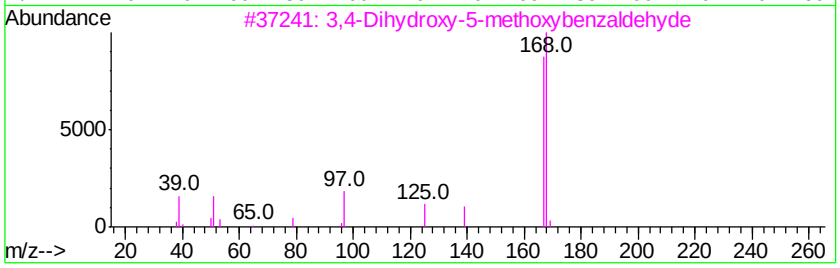
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	3.41 ng	229253	Acenaphthene-d10	10.07

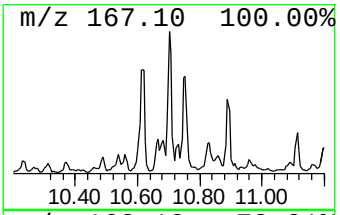
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	76
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	55
3	3,4-Dihydroxy-5-methoxybenzaldehyde	168	C8H8O4	003934-87-0	50
4	2-Propanone, 1,1-diphenyl-	210	C15H14O	000781-35-1	49
5	Benzhydryl isothiocyanate	225	C14H11NS	003550-21-8	49

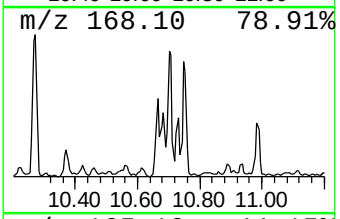


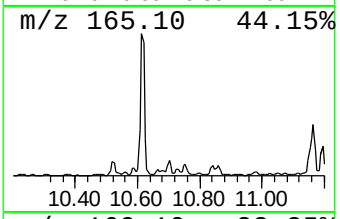


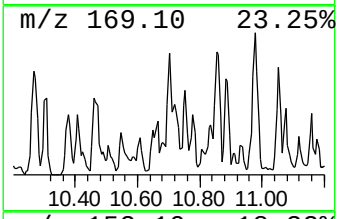


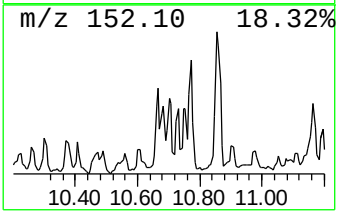












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Sample : J4409-13
Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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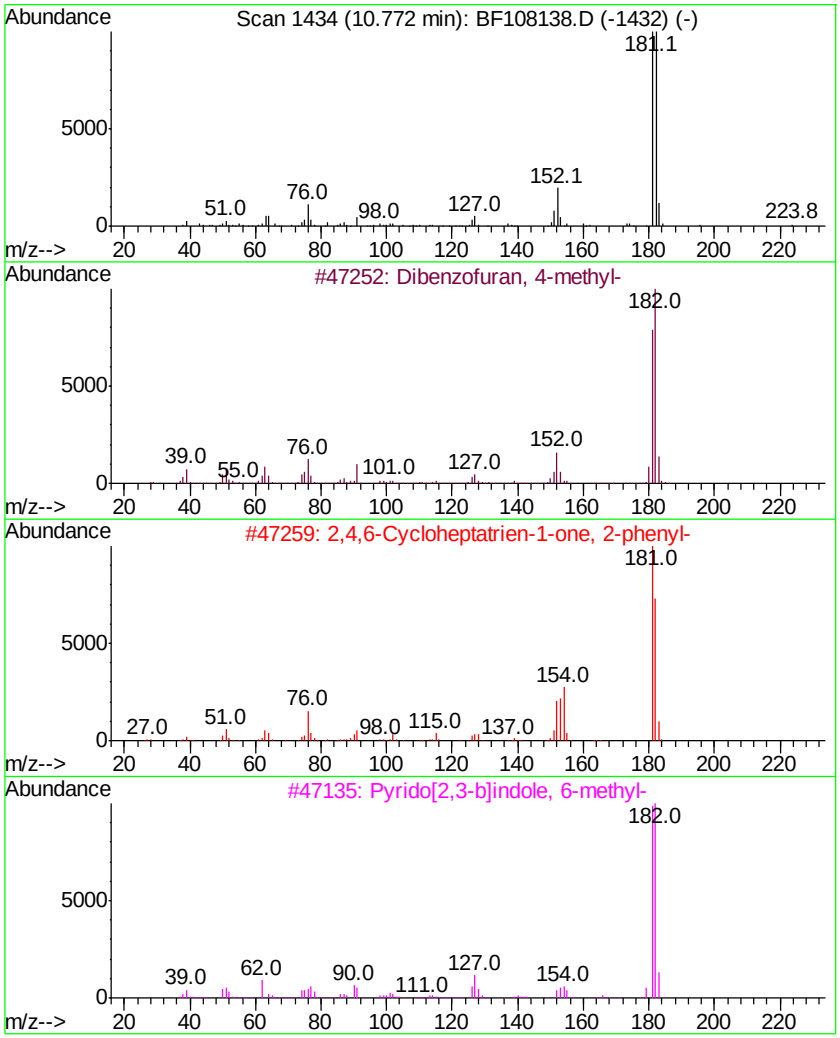
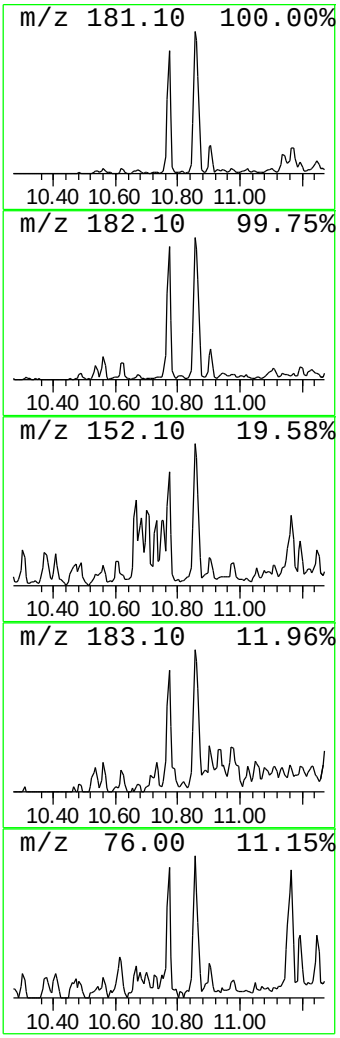
Peak Number 7 Dibenzofuran, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	3.26 ng	218950	Acenaphthene-d10	10.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87
3	Pyrido[2,3-b]indole, 6-methyl-	182	C12H10N2	108349-67-3	64
4	9H-Xanthene	182	C13H10O	000092-83-1	59
5	2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	53





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

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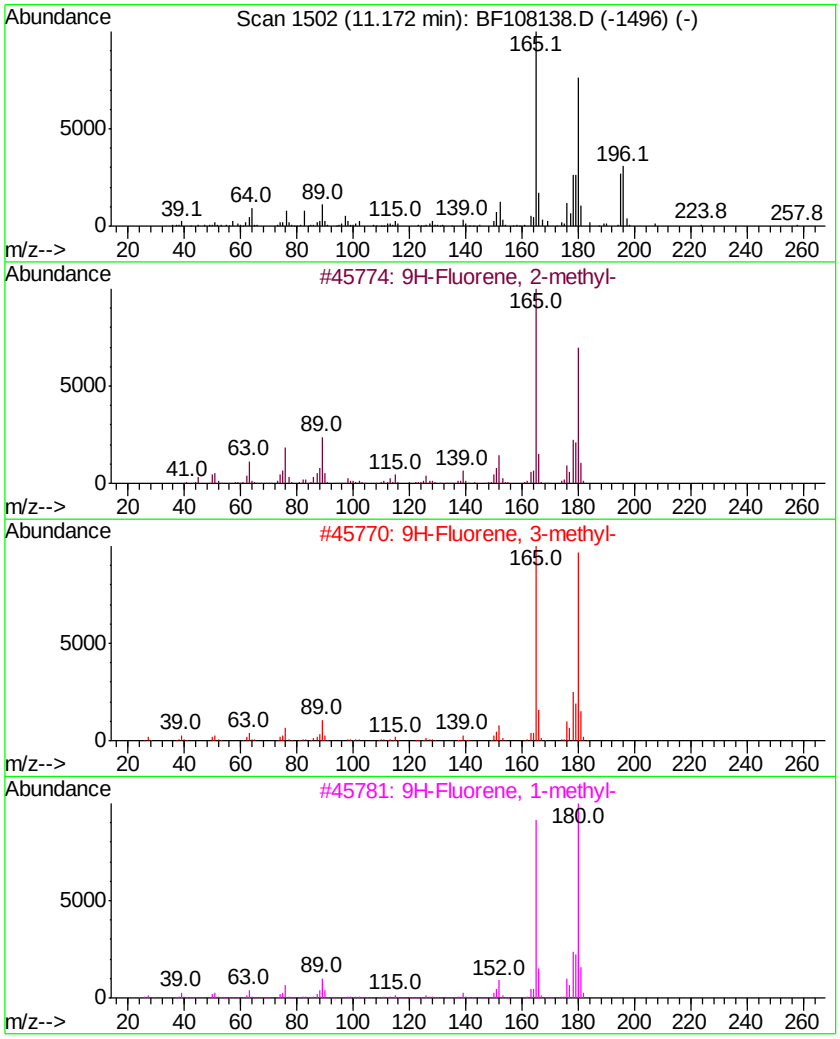
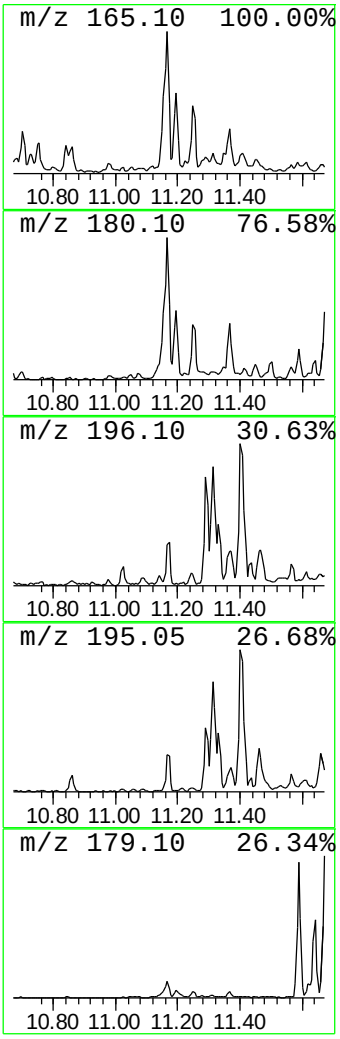
Peak Number 8 9H-Fluorene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.17	4.81 ng	334719	Phenanthrene-d10	11.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	90
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	89
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	89
4	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	74
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	64





Library Search Compound Report

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

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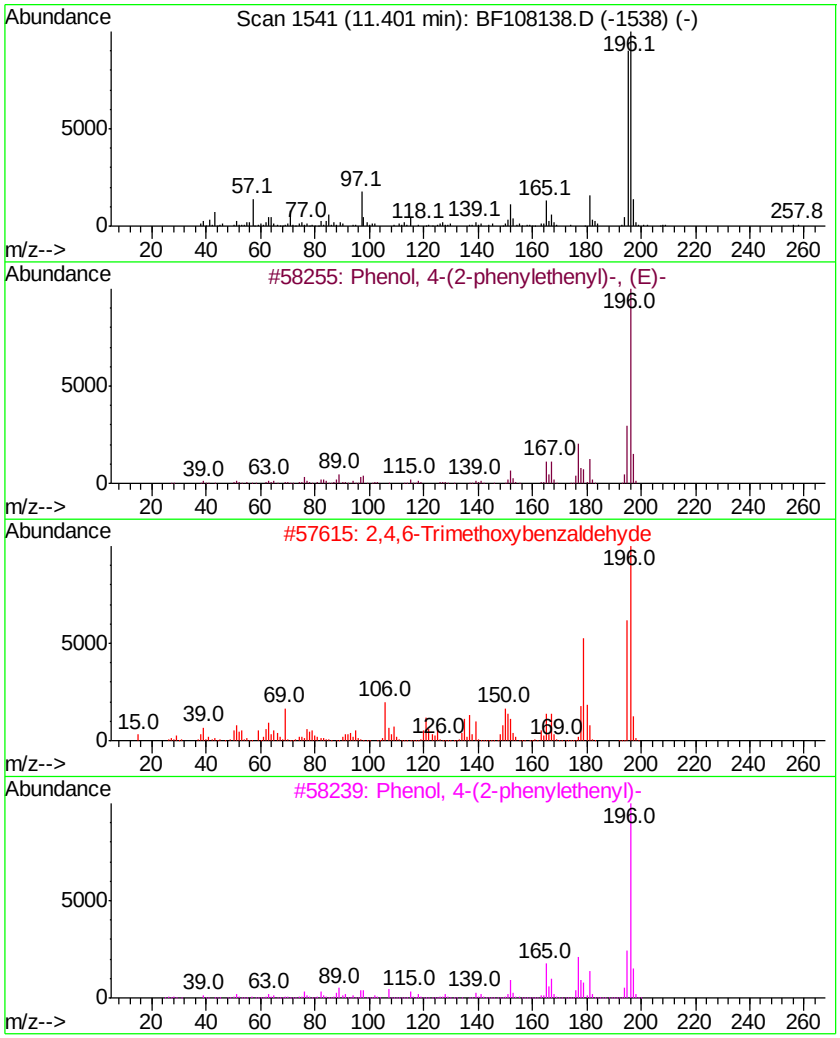
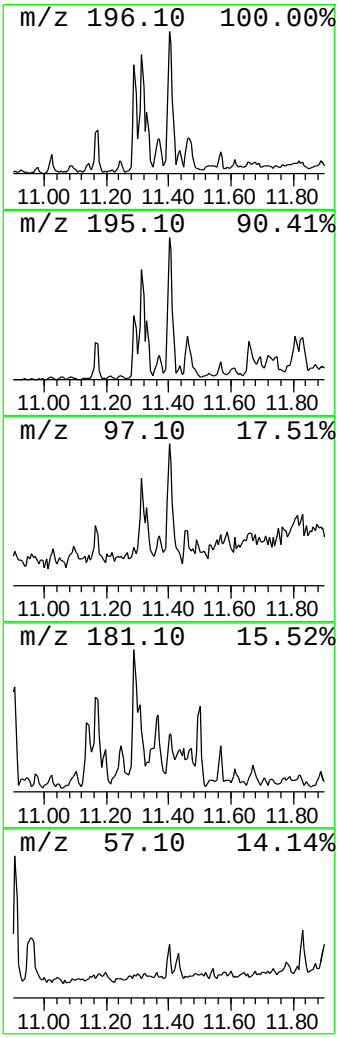
Peak Number 9 Phenol, 4-(2-phenylethenyl)... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	2.94 ng	204660	Phenanthrene-d10	11.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	58
2	2,4,6-Trimethoxybenzaldehyde	196	C10H12O4	000830-79-5	53
3	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	52
4	7-Methoxy-piperonylicacid	196	C9H8O5	000526-34-1	50
5	3,5-Dimethoxy-4-methylbenzoic acid	196	C10H12O4	061040-81-1	43





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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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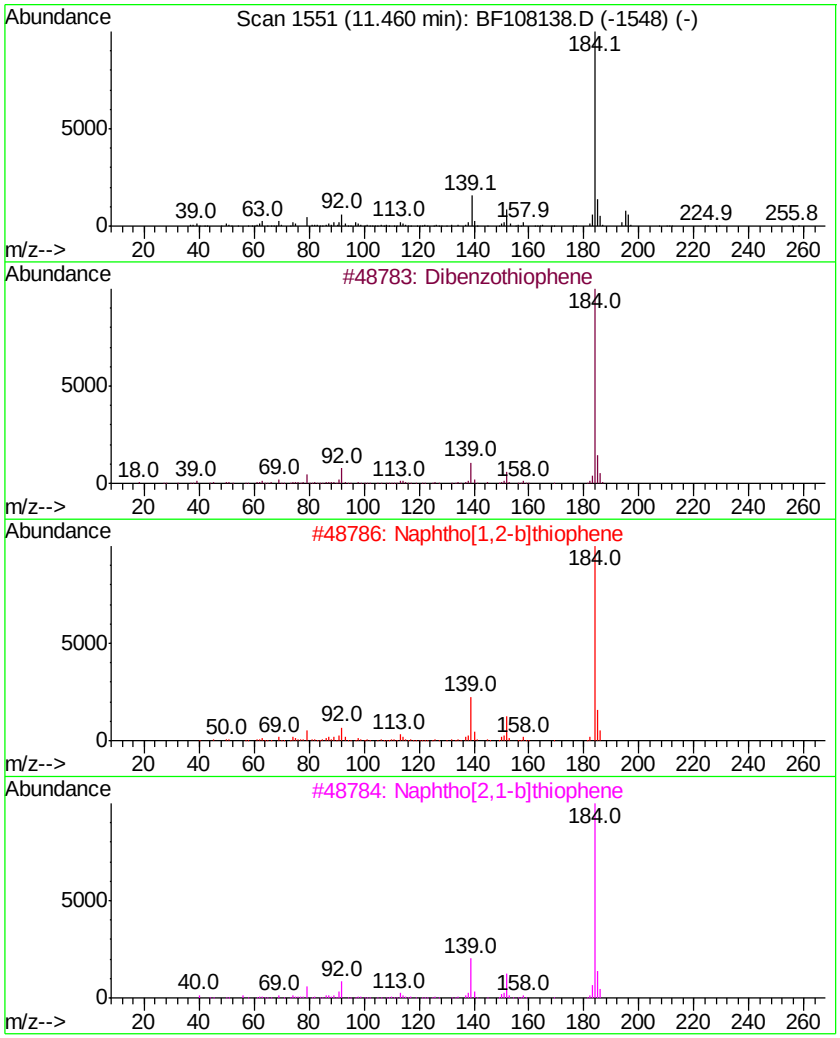
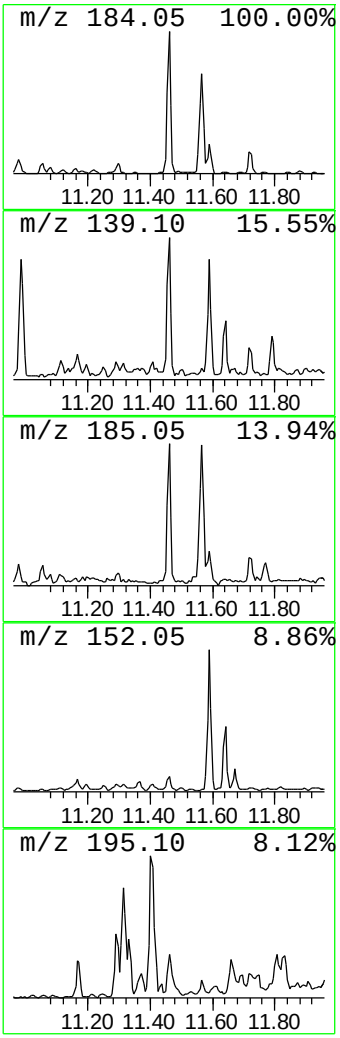
Peak Number 10 Dibenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	3.76 ng	261457	Phenanthrene-d10	11.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	93
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	87





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2018-NYSEG-CLARK-AREA-12C

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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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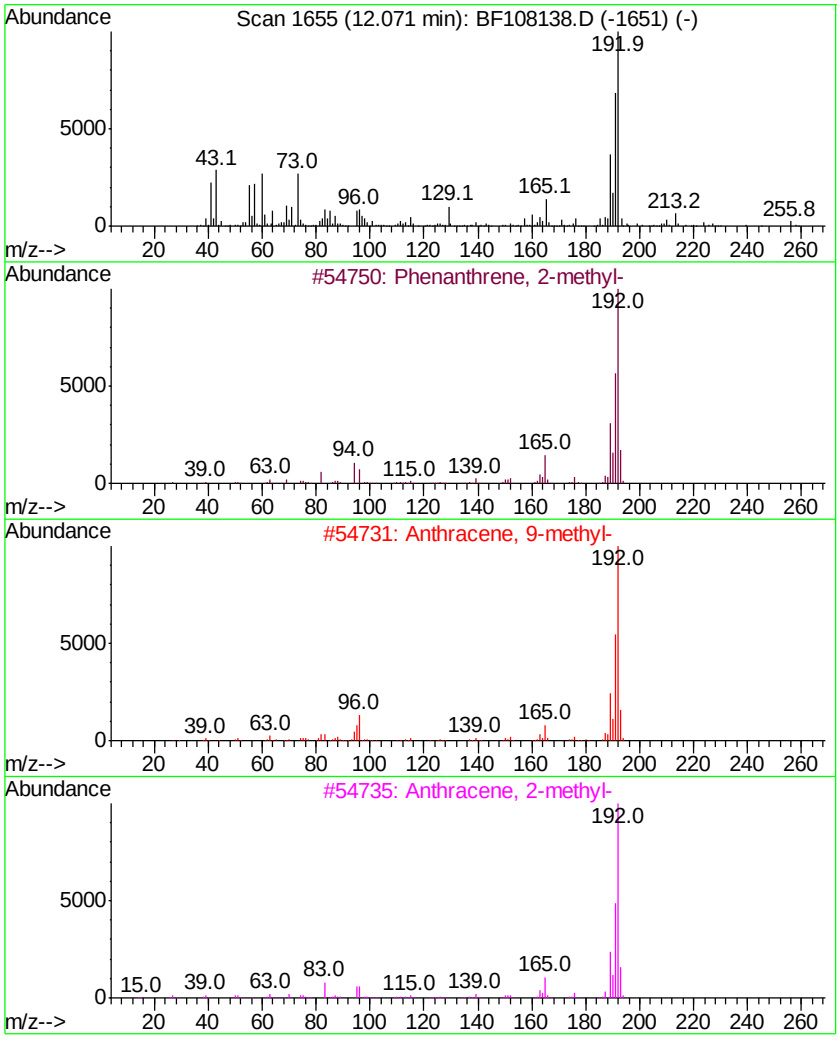
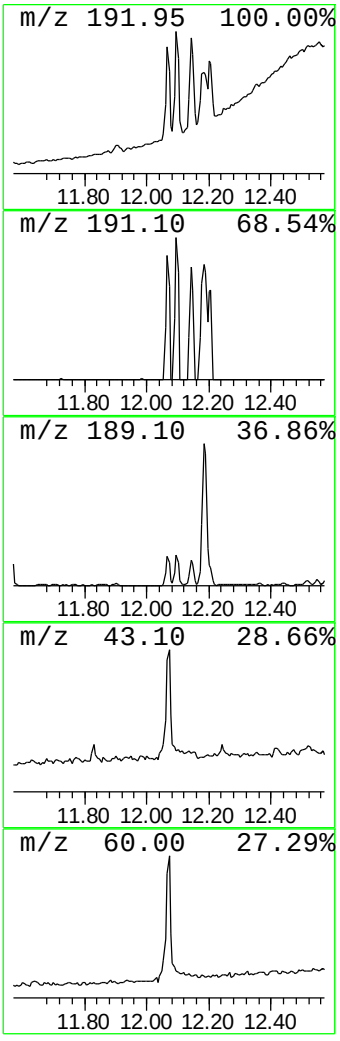
Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	11.02 ng	767008	Phenanthrene-d10	11.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	76
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	76
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	70
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	70





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

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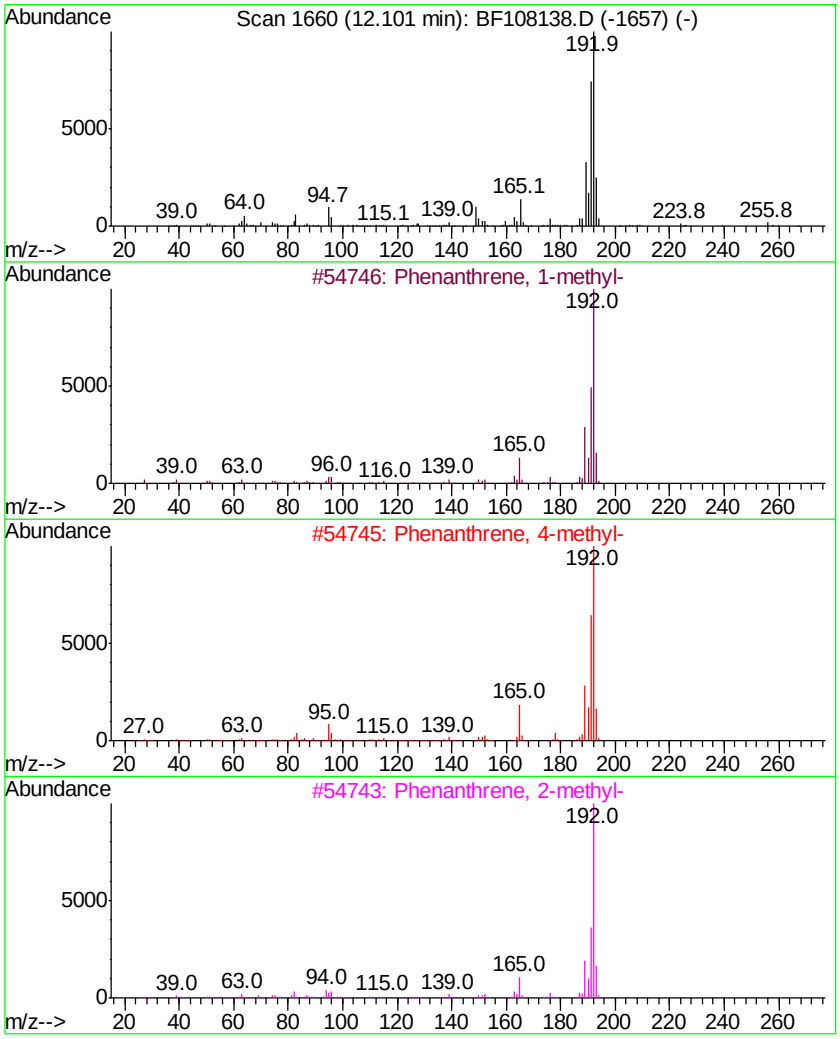
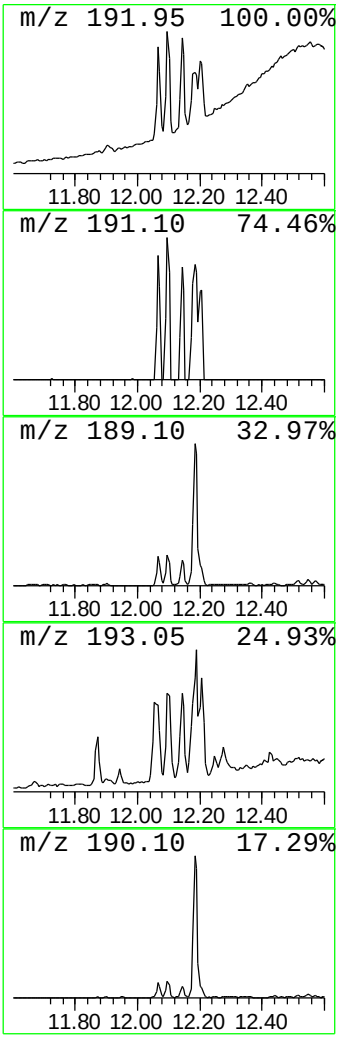
Peak Number 12 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	6.32 ng	440245	Phenanthrene-d10	11.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





Library Search Compound Report

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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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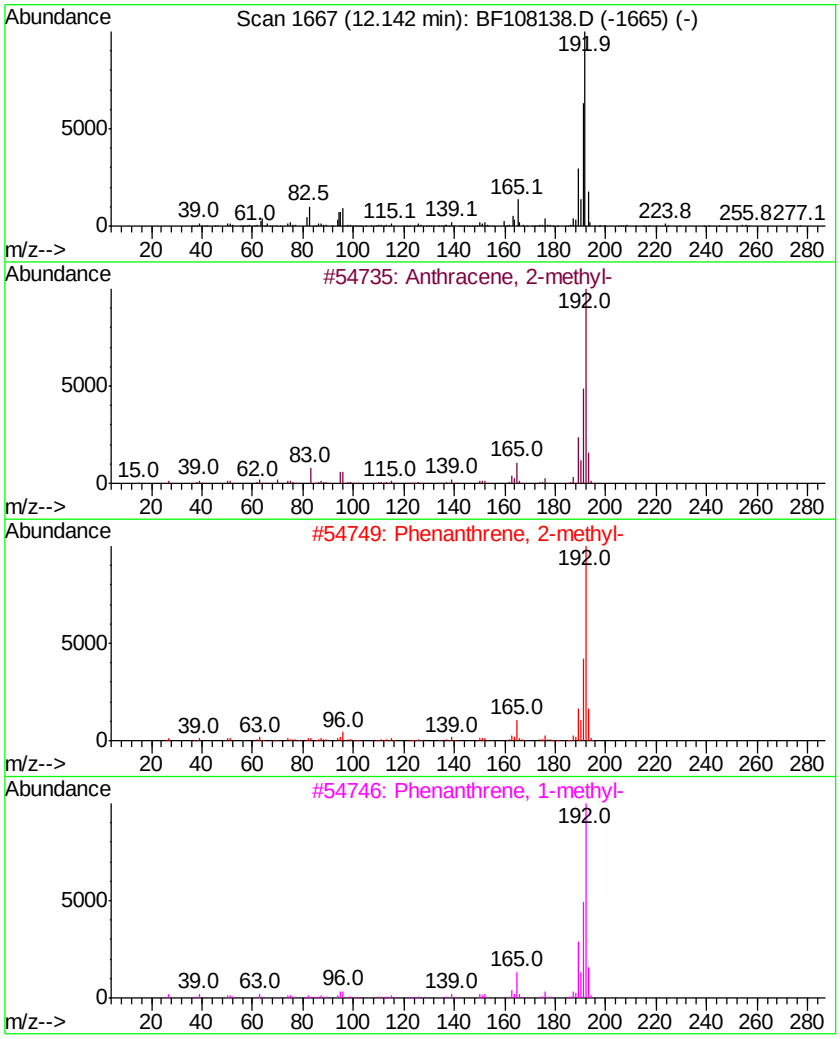
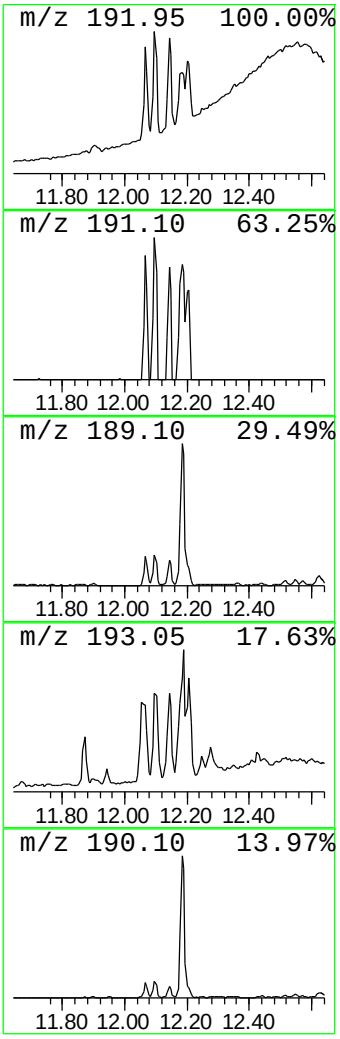
Peak Number 13 Anthracene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	6.00 ng	417475	Phenanthrene-d10	11.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95





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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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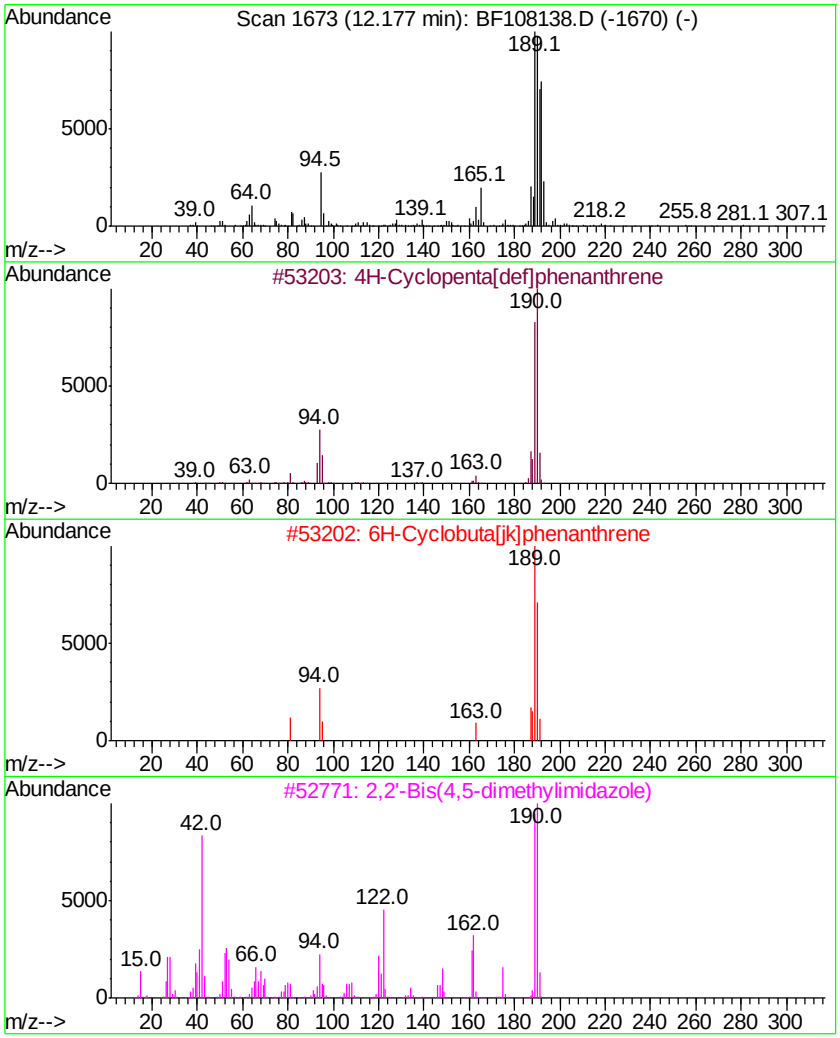
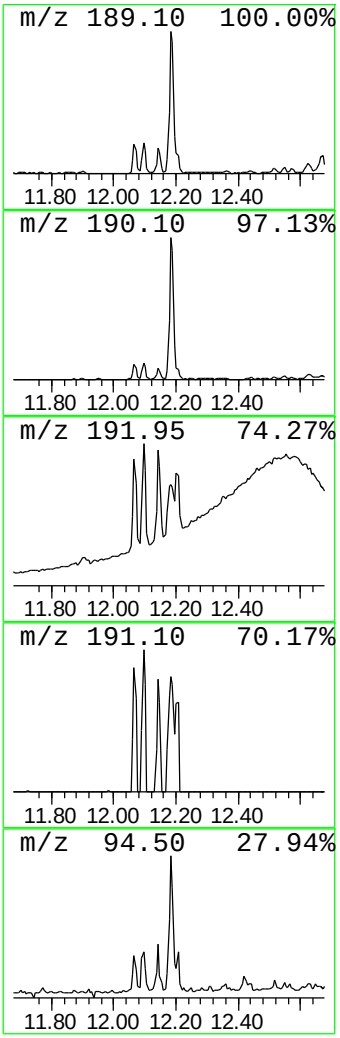
Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	18.08 ng	1258460	Phenanthrene-d10	11.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
4	1H-Pyrazole-4-carboxaldehyde, 1-...	190	C10H7FN2O	1000338-05-6	40
5	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	25





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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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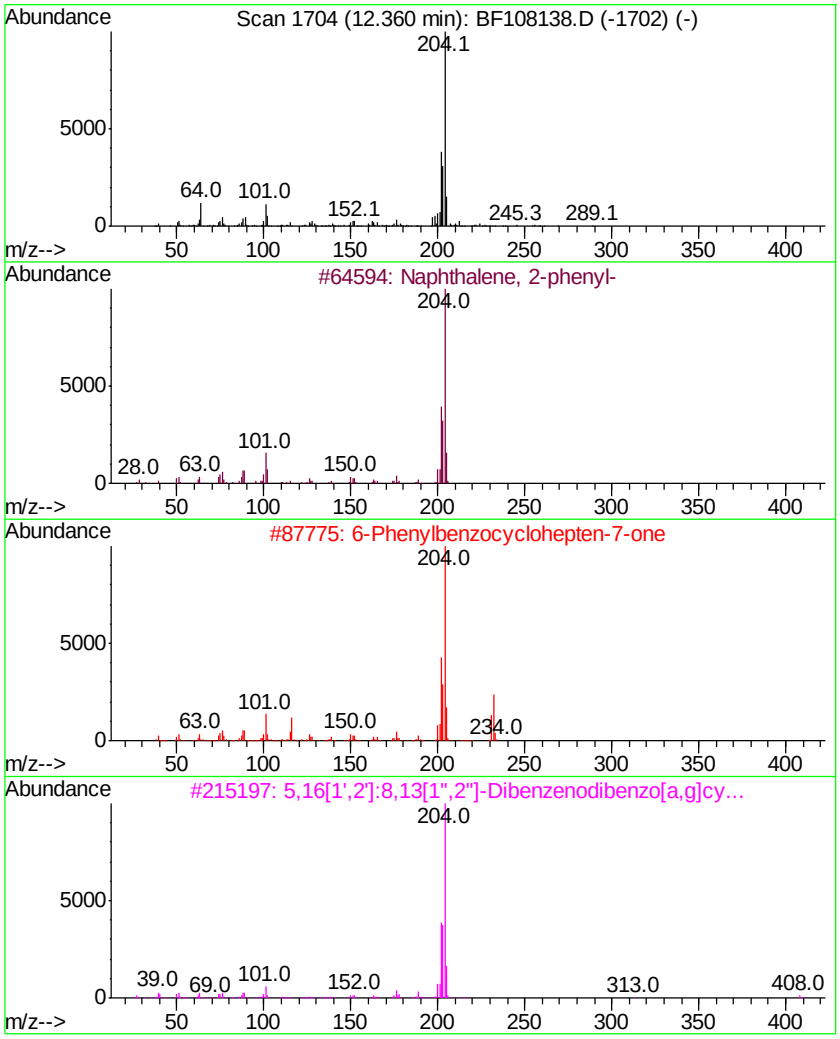
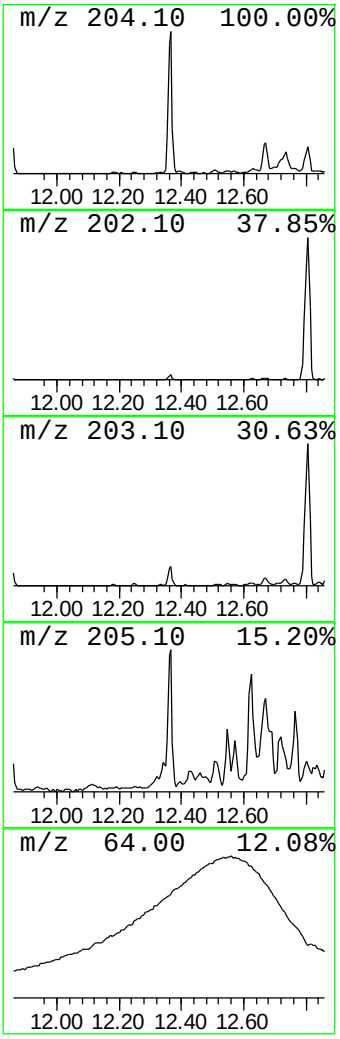
Peak Number 15 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	5.95 ng	414479	Phenanthrene-d10	11.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	80
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55





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Data File : BF108138.D
Acq On : 14 Aug 2018 12:19
Operator : JU/SJ
Sample : J4409-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-12C

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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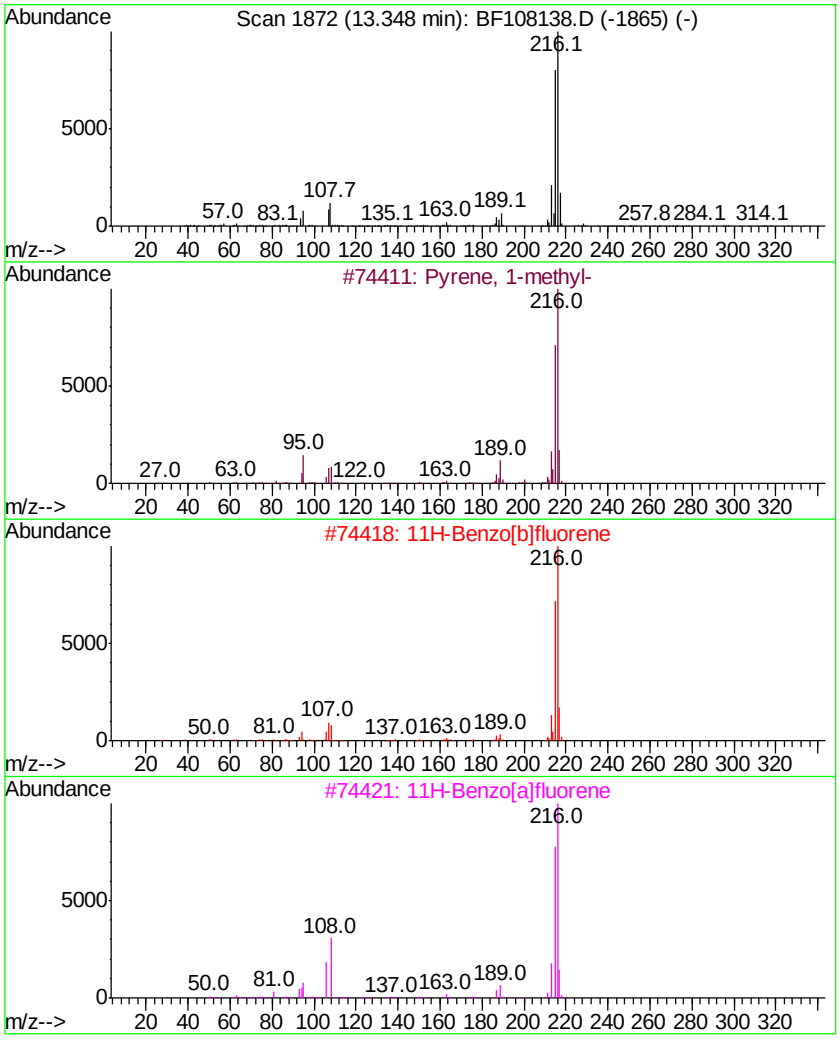
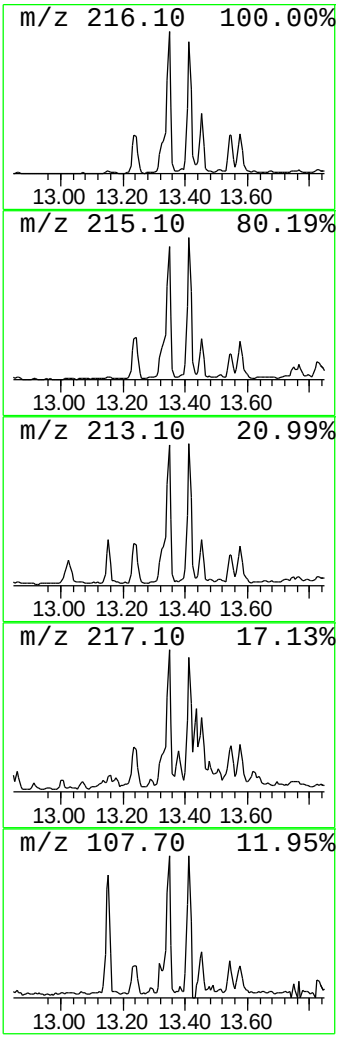
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	6.81 ng	1050570	Chrysene-d12	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081418\
Data File : BF108138.D
Acq On : 14 Aug 2018 12:19
Operator : JU/SJ
Sample : J4409-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-12C

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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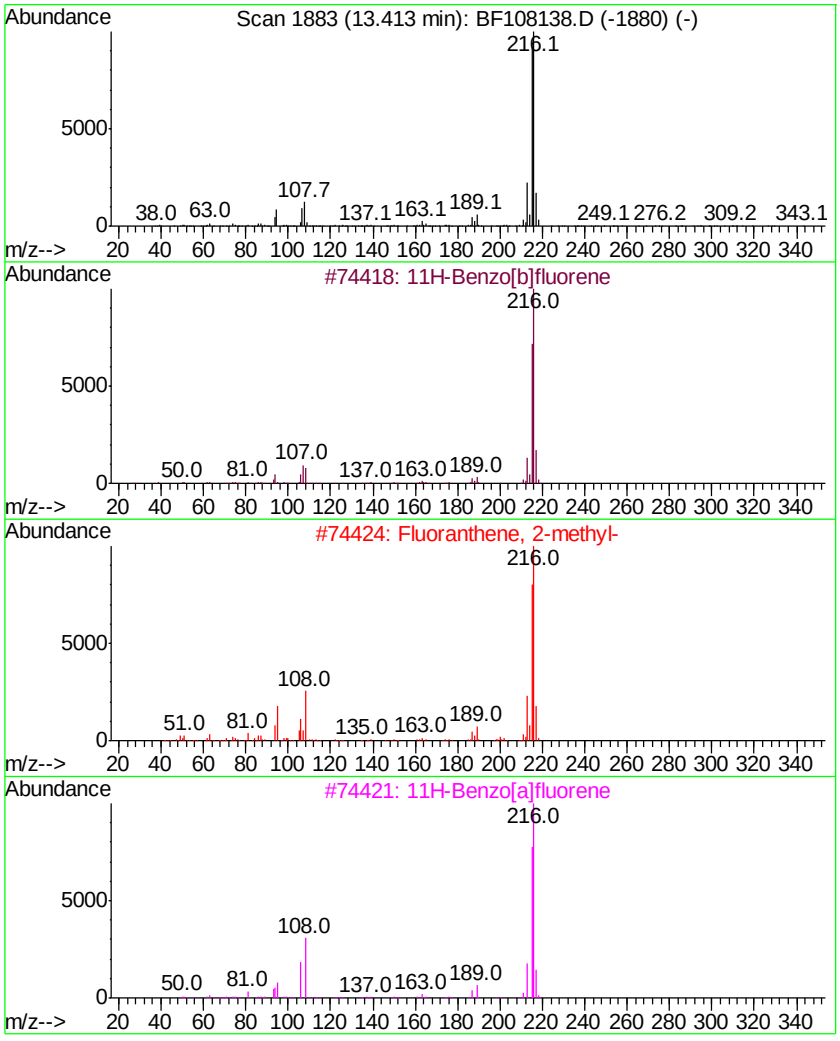
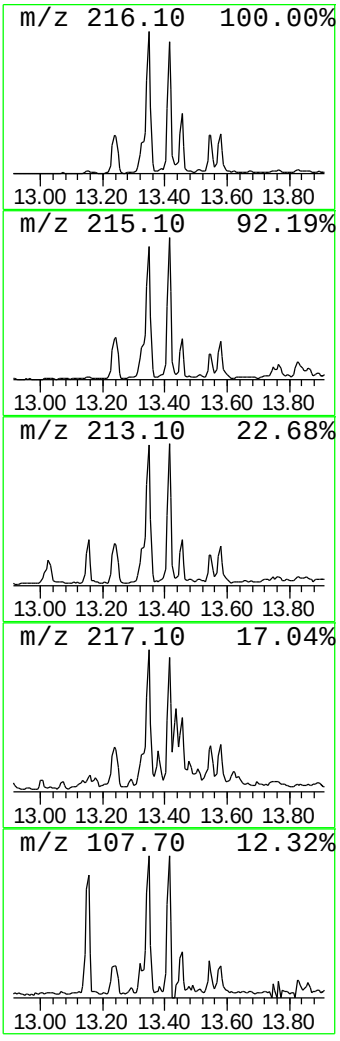
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	4.33 ng	668354	Chrysene-d12	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	62





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Data File : BF108138.D
Acq On : 14 Aug 2018 12:19
Operator : JU/SJ
Sample : J4409-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-12C

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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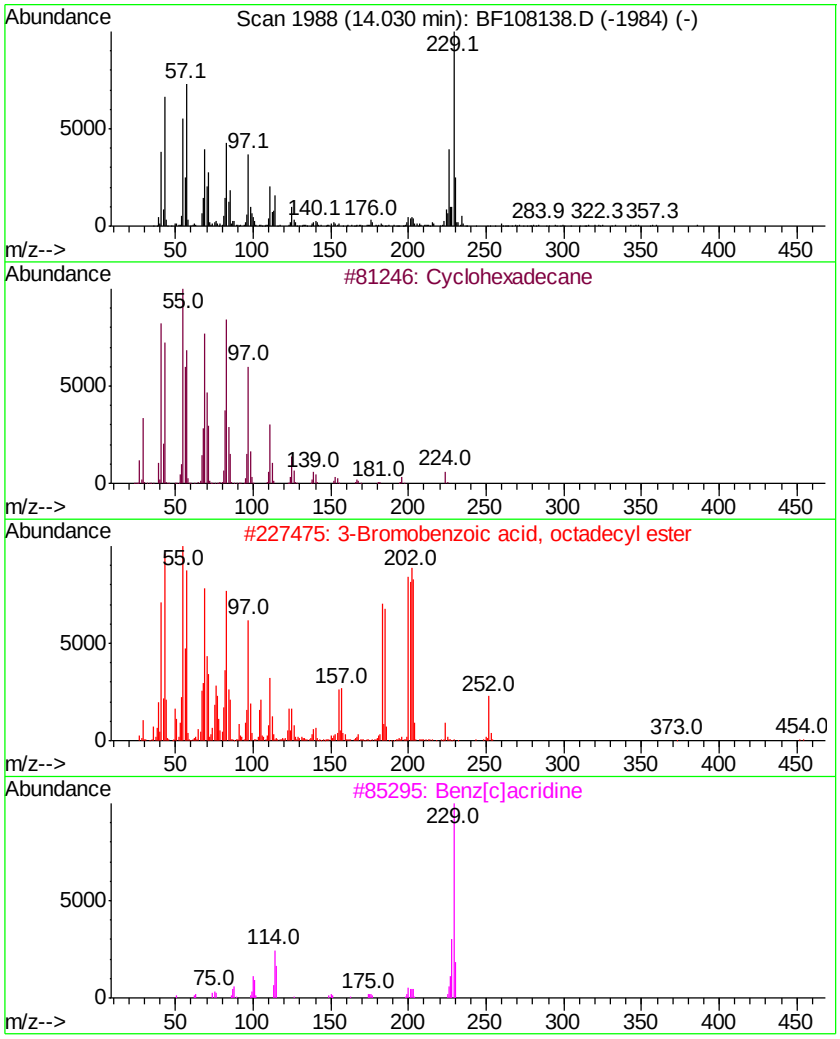
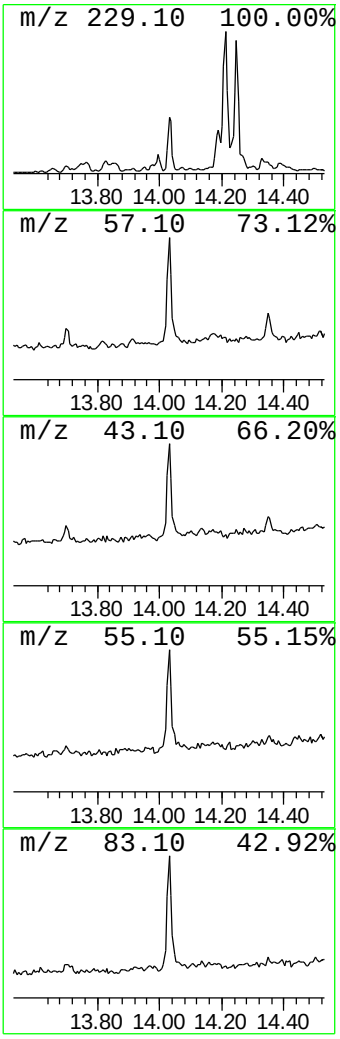
Peak Number 18 Cyclohexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	5.68 ng	876530	Chrysene-d12	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	91
2	3-Bromobenzoic acid, octadecyl e...	452	C25H41BrO2	070153-14-9	64
3	Benz[c]acridine	229	C17H11N	000225-51-4	64
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	44
5	9-Tricosene, (Z)-	322	C23H46	027519-02-4	35





Library Search Compound Report

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Data File : BF108138.D
Acq On : 14 Aug 2018 12:19
Operator : JU/SJ
Sample : J4409-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-12C

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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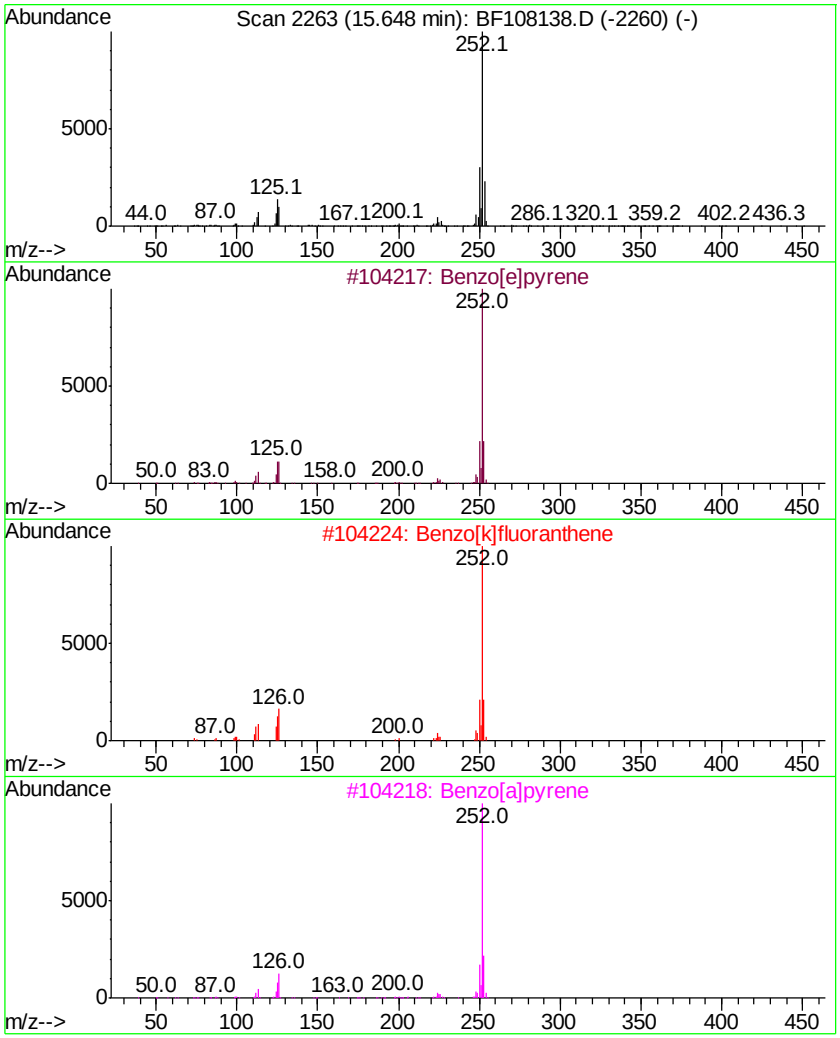
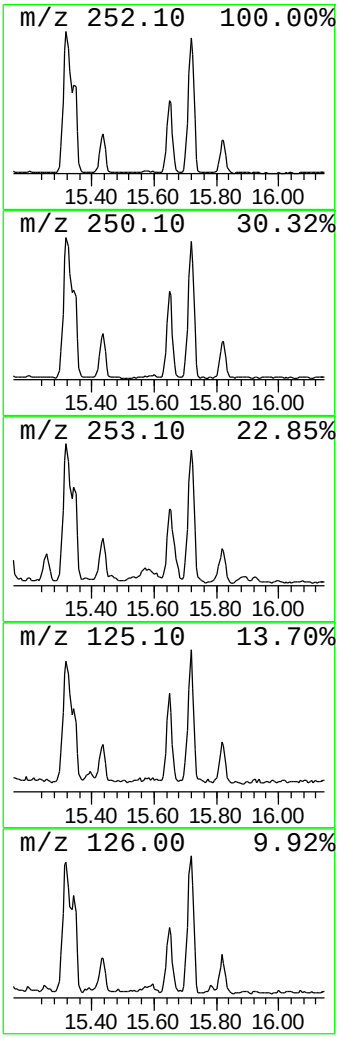
Peak Number 20 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	12.28 ng	622451	Perylene-d12	15.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3	Benzo[a]pyrene	252	C20H12	000050-32-8	94
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Perylene	252	C20H12	000198-55-0	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081418\
Data File : BF108138.D
Acq On : 14 Aug 2018 12:19
Operator : JU/SJ
Sample : J4409-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-12C

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
Butane, 2-methoxy...	2.37	7.8	ng	457173	1	7.02	1164820	20.0
2-Pentanone, 4-hy...	5.27	14.3	ng	832604	1	7.02	1164820	20.0
unknown6.79	6.79	70.1	ng	4083910	1	7.02	1164820	20.0
Naphthalene, 2,3,...	10.38	3.3	ng	218055	3	10.07	1343440	20.0
Diphenylmethane	10.70	3.4	ng	229253	3	10.07	1343440	20.0
Dibenzofuran, 4-m...	10.77	3.3	ng	218950	3	10.07	1343440	20.0
9H-Fluorene, 2-me...	11.17	4.8	ng	334719	4	11.57	1392430	20.0
Phenol, 4-(2-phen...	11.40	2.9	ng	204660	4	11.57	1392430	20.0
Dibenzothiophene	11.46	3.8	ng	261457	4	11.57	1392430	20.0
Phenanthrene, 2-m...	12.07	11.0	ng	767008	4	11.57	1392430	20.0
Phenanthrene, 1-m...	12.10	6.3	ng	440245	4	11.57	1392430	20.0
Anthracene, 2-met...	12.14	6.0	ng	417475	4	11.57	1392430	20.0
4H-Cyclopenta[def...	12.18	18.1	ng	1258460	4	11.57	1392430	20.0
Naphthalene, 2-ph...	12.36	6.0	ng	414479	4	11.57	1392430	20.0
Pyrene, 1-methyl-	13.35	6.8	ng	1050570	5	14.22	3087250	20.0
11H-Benzo[b]fluorene	13.41	4.3	ng	668354	5	14.22	3087250	20.0
Cyclohexadecane	14.03	5.7	ng	876530	5	14.22	3087250	20.0
Benzo[e]pyrene	15.65	12.3	ng	622451	6	15.79	1013360	20.0