LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
Data File : BF107661.D
Acq On : 25 Jul 2018 17:07
Operator : JU/SJ
Sample : J4126-05 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-11

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-BF072018.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	5.595	551	554	577	rBV	1204014	1694709	7.07%	0.455%
2	6.595	721	724	734	rBV	1209766	1773790	7.40%	0.477%
3	6.736	745	748	754	rBV	1686399	1832624	7.65%	0.492%
4	6.966	783	787	797	rBV	992981	1220652	5.09%	0.328%
5	7.119	810	813	821	rVB	1305888	1343970	5.61%	0.361%
6	7.531	879	883	893	rVV	857370	1186184	4.95%	0.319%
7	8.254	1002	1006	1007	rVV	1426596	1498977	6.25%	0.403%
8	8.272	1007	1009	1016	rVV	2922177	3263381	13.62%	0.877%
9	8.966	1123	1127	1133	rBV	1827085	1812134	7.56%	0.487%
10	9.066	1139	1144	1149	rBV	4417067	4260525	17.78%	1.145%
11	9.325	1184	1188	1192	rBV	1592173	1659946	6.93%	0.446%
12	9.430	1202	1206	1215	rVB	4307631	4125724	17.22%	1.108%
13	9.530	1216	1223	1229	rBV	5506549	6792042	28.34%	1.825%
14	9.595	1229	1234	1238	rBV	2648044	3787642	15.80%	1.018%
15	9.672	1242	1247	1249	rBV	3598750	3834405	16.00%	1.030%
16	9.695	1249	1251	1253	rVV	1399287	1126755	4.70%	0.303%
17	9.783	1262	1266	1274	rVB	1917507	2385509	9.95%	0.641%
18	9.872	1278	1281	1286	rVV2	2571525	2615694	10.91%	0.703%
19	10.001	1299	1303	1307	rBV2	2394506	3174541	13.25%	0.853%
20	10.066	1307	1314	1319	rVV	8505419	17004800	70.96%	4.569%
21	10.113	1319	1322	1327	rVV	1865547	2591121	10.81%	0.696%
22	10.219	1335	1340	1343	rVV2	2010627	3194435	13.33%	0.858%
23	10.248	1343	1345	1349	rVB	1323605	1219642	5.09%	0.328%
24	10.324	1354	1358	1361	rBV2	1116347	1300437	5.43%	0.349%
25	10.354	1361	1363	1369	rVB2	1102049	1266783	5.29%	0.340%
26	10.419	1369	1374	1375	rBV2	792904	1031040	4.30%	0.277%
27	10.466	1380	1382	1385	rBV	1085151	901396	3.76%	0.242%
28	10.536	1391	1394	1396	rBV	857269	672447	2.81%	0.181%
29	10.577	1396	1401	1404	rVV	6867643	9001095	37.56%	2.418%
30	10.613	1404	1407	1409	rVV2	1693284	1487624	6.21%	0.400%
31	10.654	1409	1414	1416	rVV3	2130074	2623584	10.95%	0.705%
32	10.677	1416	1418	1420	rVV	1761925	1493956	6.23%	0.401%
33	10.701	1420	1422	1424	rVV	2702898	2283610	9.53%	0.614%
34	10.801	1434	1439	1446	rBV3	1866489	3379806	14.10%	0.908%

LSC Area Percent Report

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Acq On : 25 Jul 2018 17:07
Operator : JU/SJ
Sample : J4126-05 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-11

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-BF072018.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.907	1454	1457	1465	rVB4	821558	1443214	6.02%	0.388%
36	11.113	1486	1492	1495	rBV	2179360	2729748	11.39%	0.733%
37	11.142	1495	1497	1500	rVB	1001210	755807	3.15%	0.203%
38	11.195	1503	1506	1509	rVB	1105509	908597	3.79%	0.244%
39	11.313	1524	1526	1530	rVB	856783	818944	3.42%	0.220%
40	11.413	1536	1543	1554	rVB	4351779	6280274	26.21%	1.687%
41	11.560	1557	1568	1571	rBV	8039312	23965427	100.00%	6.439%
42	11.618	1574	1578	1581	rVB	7060238	9562477	39.90%	2.569%
43	11.801	1606	1609	1613	rVB	2664075	2382337	9.94%	0.640%
44	11.842	1613	1616	1625	rVB2	1624599	2017470	8.42%	0.542%
45	11.924	1626	1630	1635	rVB	944658	1190612	4.97%	0.320%
46	12.018	1641	1646	1649	rBV	5022259	6302730	26.30%	1.693%
47	12.054	1649	1652	1656	rVB	5633821	5788687	24.15%	1.555%
48	12.101	1656	1660	1663	rBV	2789473	3236858	13.51%	0.870%
49	12.142	1663	1667	1673	rVB2	6926687	12758805	53.24%	3.428%
50	12.313	1691	1696	1700	rBV	5532677	5708054	23.82%	1.534%
51	12.454	1717	1720	1723	rBV2	1008005	1003632	4.19%	0.270%
52	12.565	1734	1739	1742	rBV	2478701	3327829	13.89%	0.894%
53	12.607	1742	1746	1748	rBV2	1170030	1483433	6.19%	0.399%
54	12.665	1753	1756	1761	rVB3	650320	1036982	4.33%	0.279%
55	12.765	1763	1773	1777	rBV	7417190	18618460	77.69%	5.002%
56	12.842	1781	1786	1792	rVB	5888466	7485624	31.24%	2.011%
57	12.895	1792	1795	1797	rBV	1035563	1218216	5.08%	0.327%
58	12.989	1804	1811	1813	rBV6	7599672	17732246	73.99%	4.764%
59	13.095	1822	1829	1831	rBV2	1367288	1928236	8.05%	0.518%
60	13.183	1839	1844	1848	rBV2	2202960	3283017	13.70%	0.882%
61	13.236	1849	1853	1855	rVV3	680507	764103	3.19%	0.205%
62	13.301	1855	1864	1868	rVV	4529324	8216314	34.28%	2.208%
63	13.365	1871	1875	1878	rVV	4564514	5544071	23.13%	1.490%
64	13.407	1878	1882	1888	rVV2	3215269	4573417	19.08%	1.229%
65	13.465	1888	1892	1895	rVV	2936342	3749401	15.65%	1.007%
66	13.495	1895	1897	1900	rVV	2514116	2781484	11.61%	0.747%
67	13.530	1900	1903	1910	rVB	3304770	3781603	15.78%	1.016%
68	13.771	1940	1944	1947	rBV2	915211	1378969	5.75%	0.370%
69	13.895	1961	1965	1966	rBV	618025	734196	3.06%	0.197%
70	13.912	1966	1968	1970	rVV	1208403	1172400	4.89%	0.315%
71	13.942	1970	1973	1976	rVV	2489005	2551680	10.65%	0.686%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J4126-05 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-11

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-BF072018.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.971	1976	1978	1980	rVB	2322204	1728748	7.21%	0.464%
73	14.083	1992	1997	2004	rVB	627590	1161687	4.85%	0.312%
74	14.171	2005	2012	2015	rBV2	7161463	14747555	61.54%	3.962%
75	14.212	2015	2019	2023	rVV	6562655	9290435	38.77%	2.496%
76	14.277	2028	2030	2034	rVV2	1806029	1836158	7.66%	0.493%
77	14.312	2034	2036	2042	rVB3	853970	1096228	4.57%	0.295%
78	14.512	2067	2070	2072	rVV	781361	904994	3.78%	0.243%
79	14.554	2072	2077	2080	rVV2	2390038	3564228	14.87%	0.958%
80	14.583	2080	2082	2086	rVV	1305113	1375985	5.74%	0.370%
81	14.636	2087	2091	2092	rVV2	1032989	1291773	5.39%	0.347%
82	14.654	2092	2094	2096	rVV2	1372788	1402348	5.85%	0.377%
83	14.683	2096	2099	2100	rVV2	1324788	1364048	5.69%	0.366%
84	14.707	2100	2103	2108	rVV2	2143774	3369770	14.06%	0.905%
85	14.754	2108	2111	2116	rVB2	1014048	1200226	5.01%	0.322%
86	14.807	2117	2120	2124	rBV	535864	719267	3.00%	0.193%
87	15.265	2189	2198	2201	rBV	4268233	10412926	43.45%	2.798%
88	15.371	2211	2216	2221	rVB	1914429	2639262	11.01%	0.709%
89	15.589	2245	2253	2258	rBV	3056671	5539492	23.11%	1.488%
90	15.671	2258	2267	2272	rBV	4722567	10092685	42.11%	2.712%
91	15.712	2272	2274	2277	rVV	591758	782980	3.27%	0.210%
92	15.748	2277	2280	2285	rVB2	1465403	2072558	8.65%	0.557%
93	15.901	2301	2306	2307	rBV3	401402	607675	2.54%	0.163%
94	16.095	2335	2339	2347	rVB2	445640	918221	3.83%	0.247%
95	16.312	2372	2376	2385	rVB3	938163	1661531	6.93%	0.446%
96	16.471	2398	2403	2416	rBV2	437851	920447	3.84%	0.247%
97	17.312	2536	2546	2552	rBV2	2005527	5162670	21.54%	1.387%
98	17.483	2569	2575	2581	rBV	565605	1446697	6.04%	0.389%
99	17.800	2618	2629	2638	rBV	1704861	5049193	21.07%	1.357%
100	18.053	2663	2672	2685	rVB	989236	2779610	11.60%	0.747%

Sum of corrected areas: 372195731

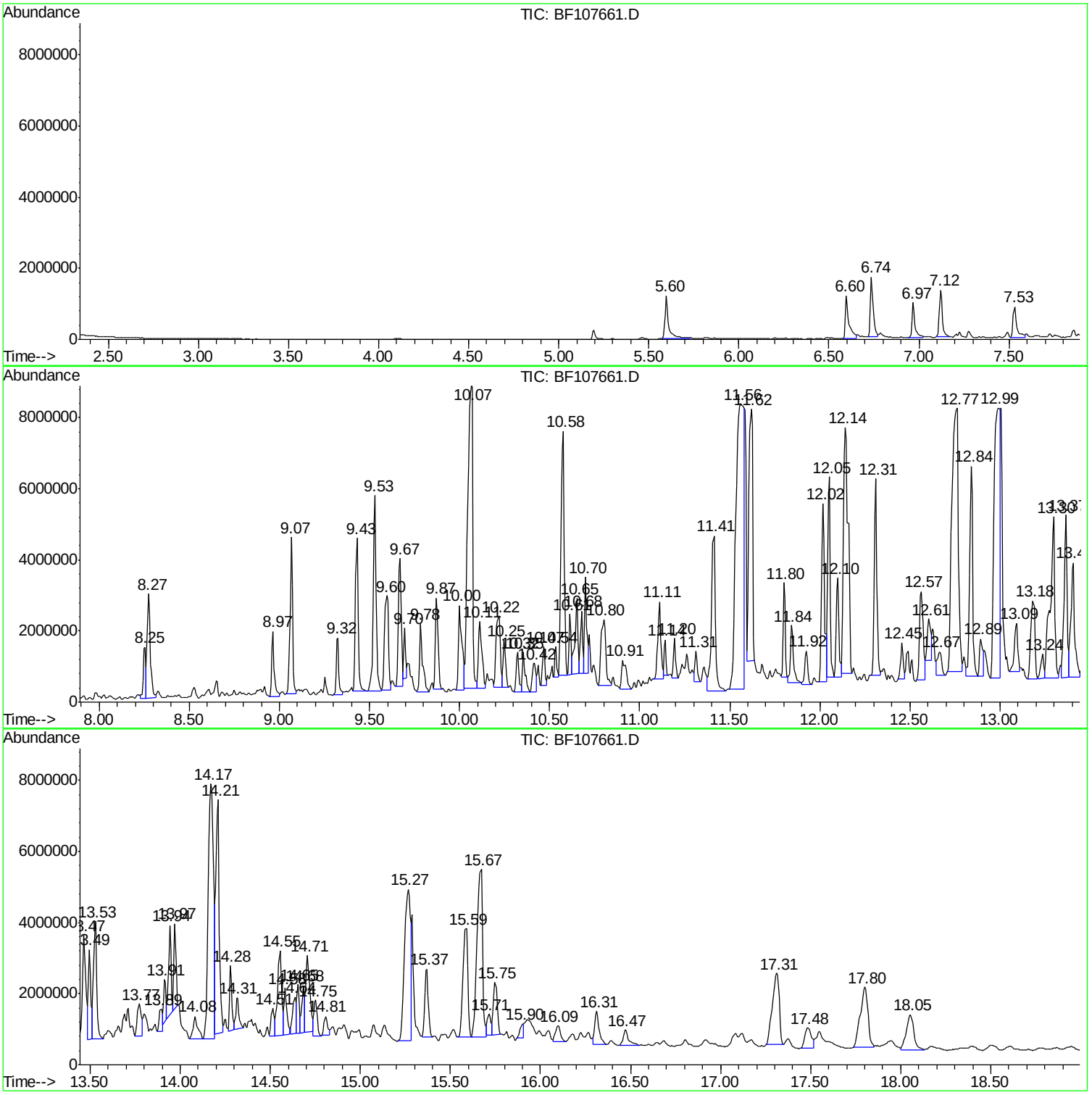
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
Data File : BF107661.D
Acq On : 25 Jul 2018 17:07
Operator : JU/SJ
Sample : J4126-05 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
Data File : BF107661.D
Acq On : 25 Jul 2018 17:07
Operator : JU/SJ
Sample : J4126-05 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

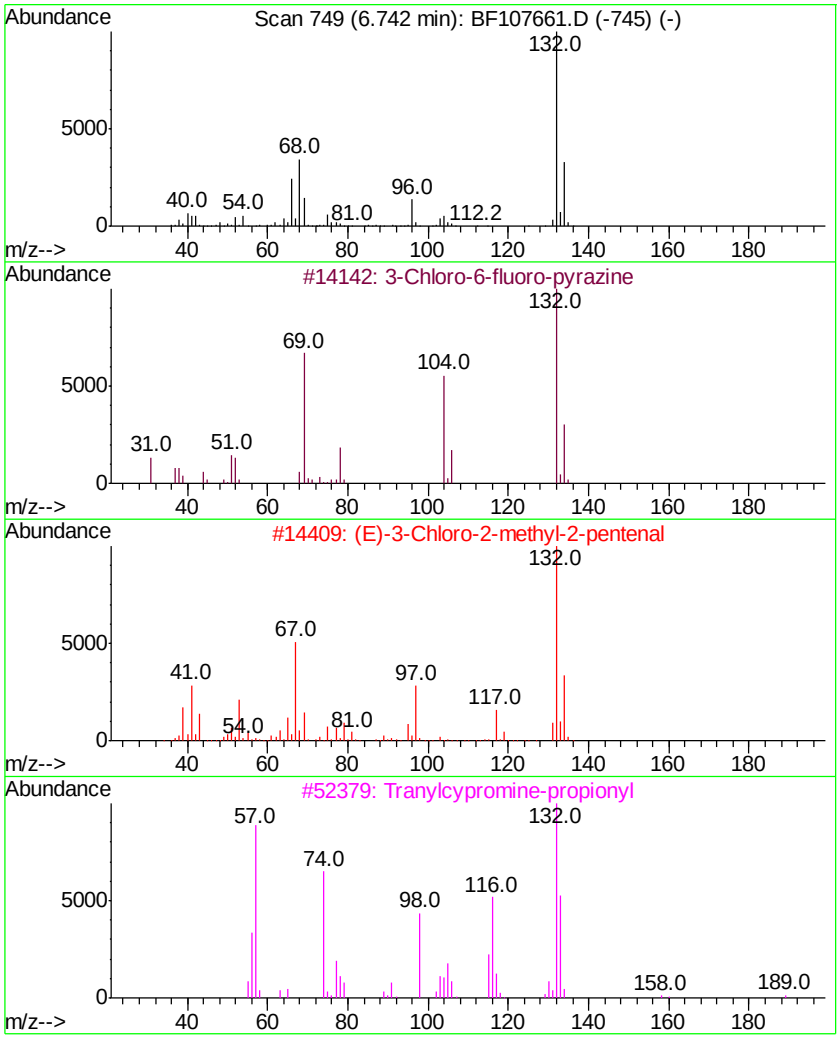
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

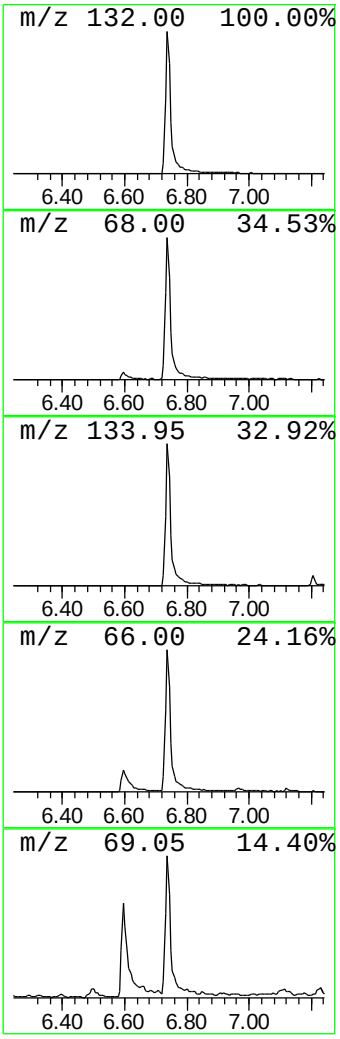
****

Peak Number 1 unknown6.74 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	30.03 ng	1832620	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
Data File : BF107661.D
Acq On : 25 Jul 2018 17:07
Operator : JU/SJ
Sample : J4126-05 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

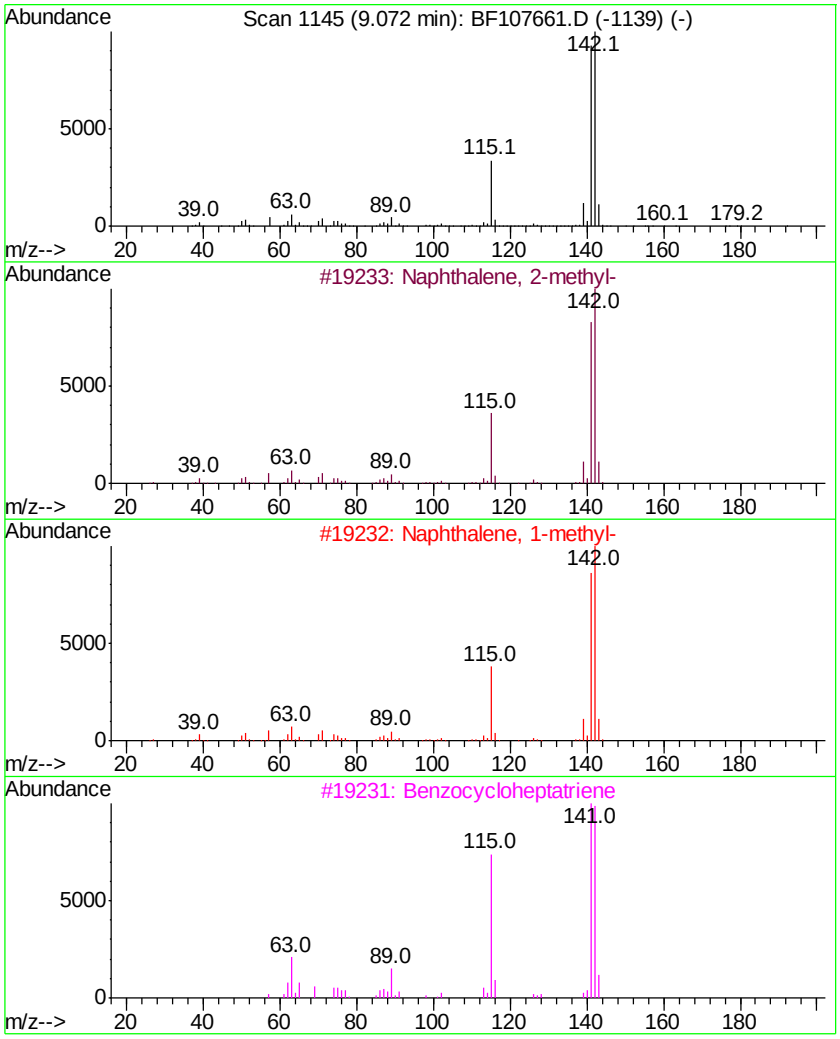
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

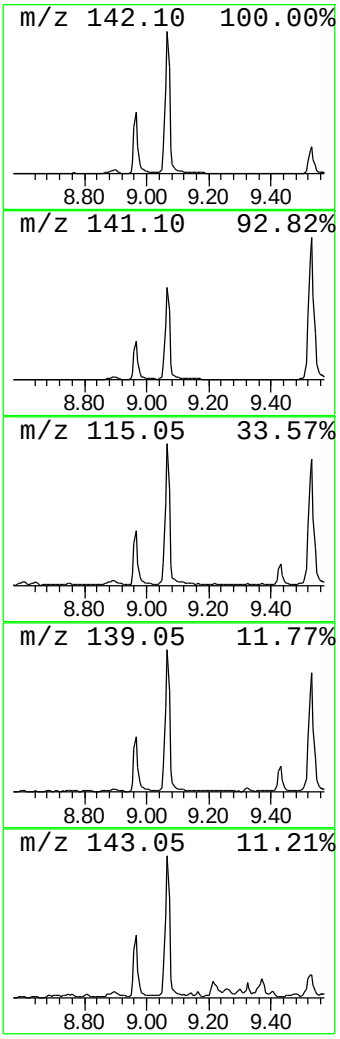
****

Peak Number 3 Naphthalene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	56.85 ng	4260530	Naphthalene-d8	8.25

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	94
4	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
Data File : BF107661.D
Acq On : 25 Jul 2018 17:07
Operator : JU/SJ
Sample : J4126-05 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
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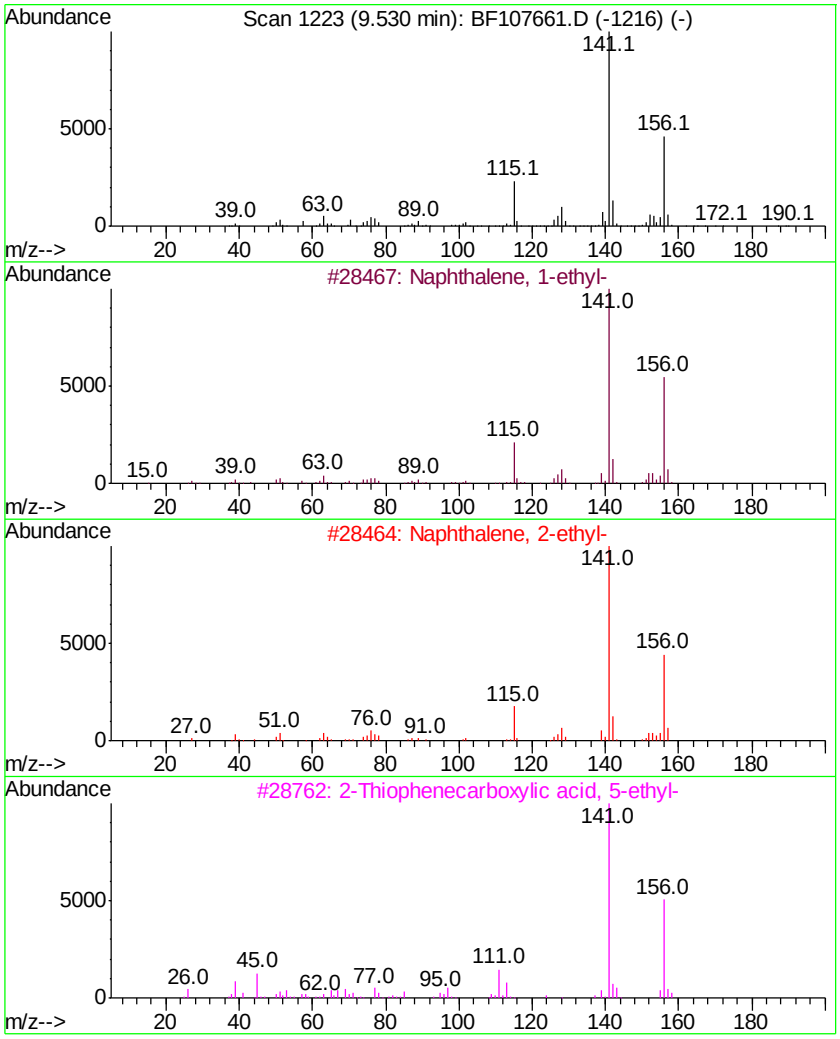
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

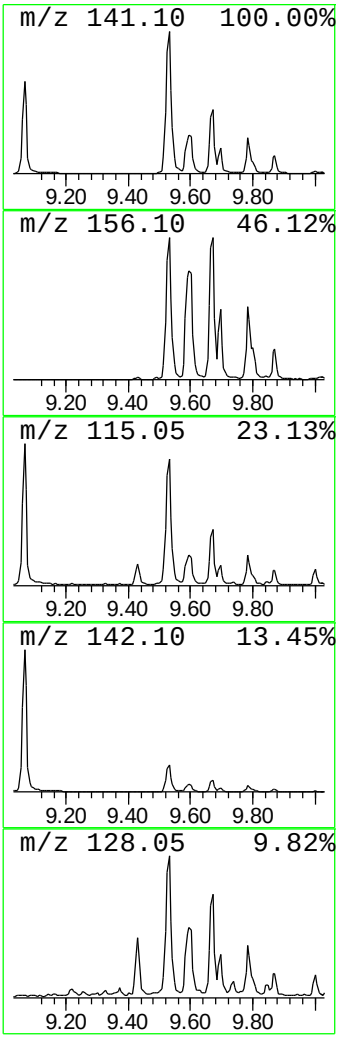
****

Peak Number 4 Naphthalene, 1-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	42.79 ng	6792040	Acenaphthene-d10	10.02

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	94
3	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	59
4	2-Pyrimidinethiol, 4,5-dihydro-4...	156	C7H12N2S	1000319-31-6	53
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	49





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
Data File : BF107661.D
Acq On : 25 Jul 2018 17:07
Operator : JU/SJ
Sample : J4126-05 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

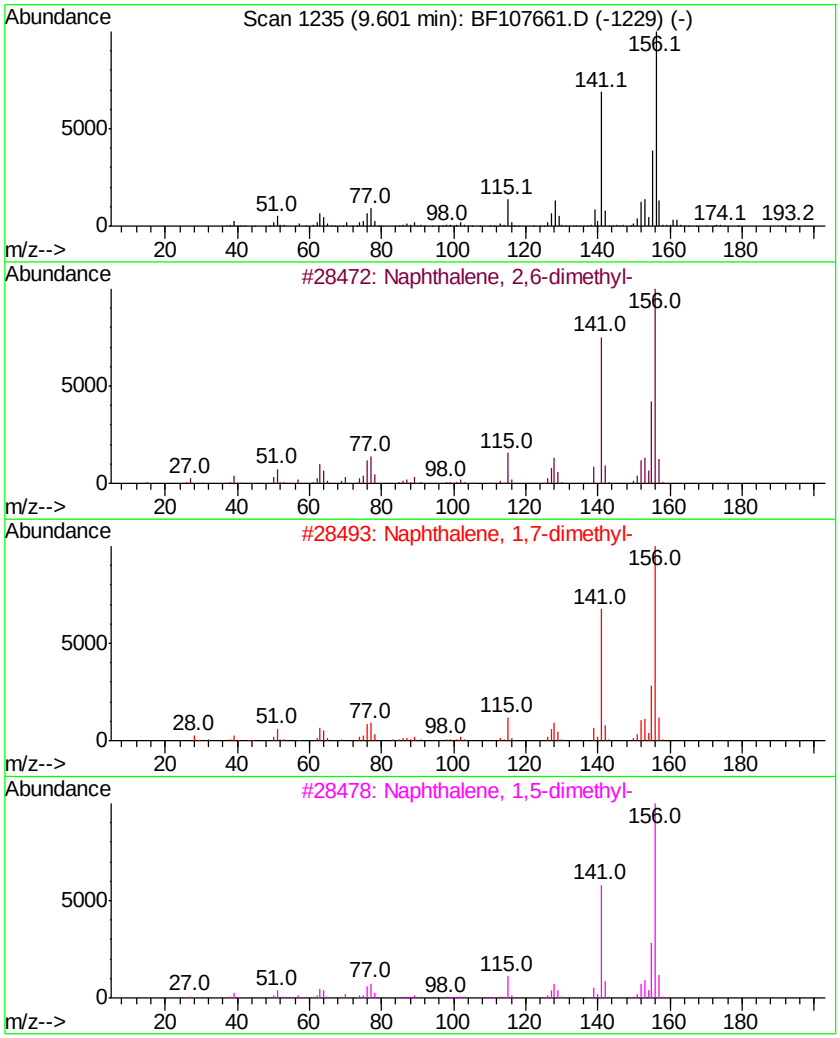
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

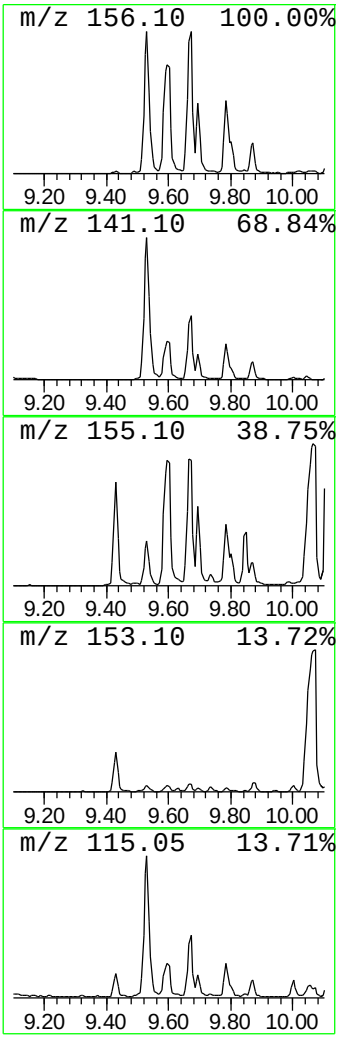
****

Peak Number 5 Naphthalene, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	23.86 ng	3787640	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
Data File : BF107661.D
Acq On : 25 Jul 2018 17:07
Operator : JU/SJ
Sample : J4126-05 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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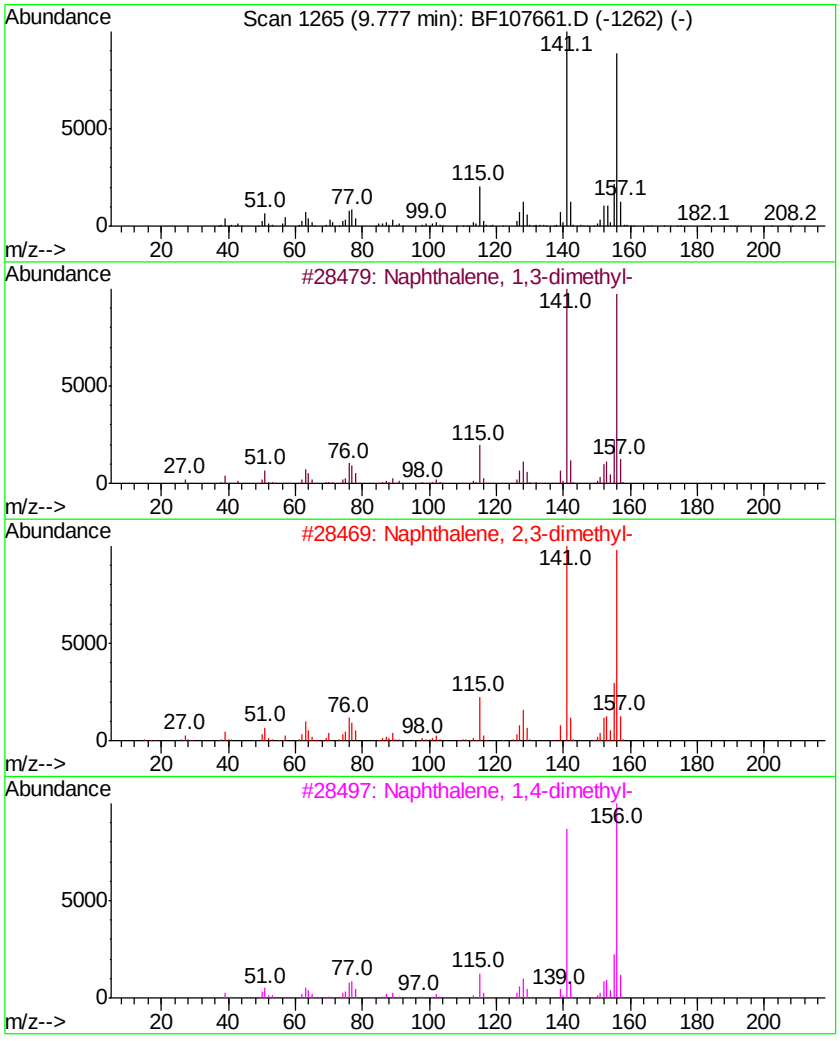
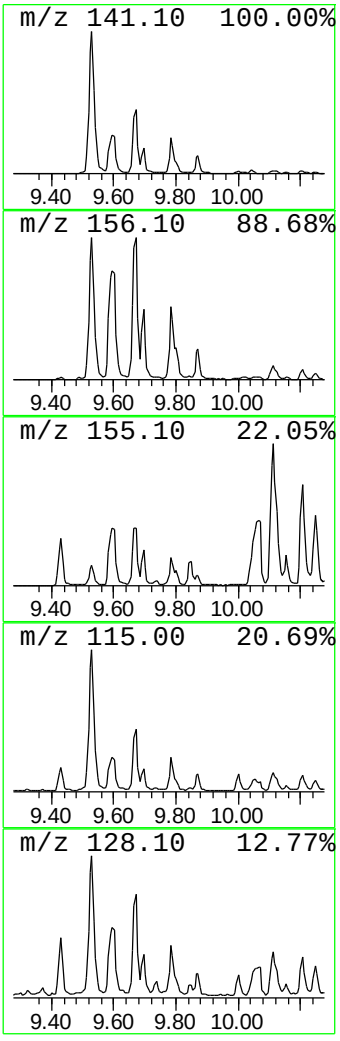
Peak Number 6 Naphthalene, 1,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	15.03 ng	2385510	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





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Acq On : 25 Jul 2018 17:07
Operator : JU/SJ
Sample : J4126-05 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-11

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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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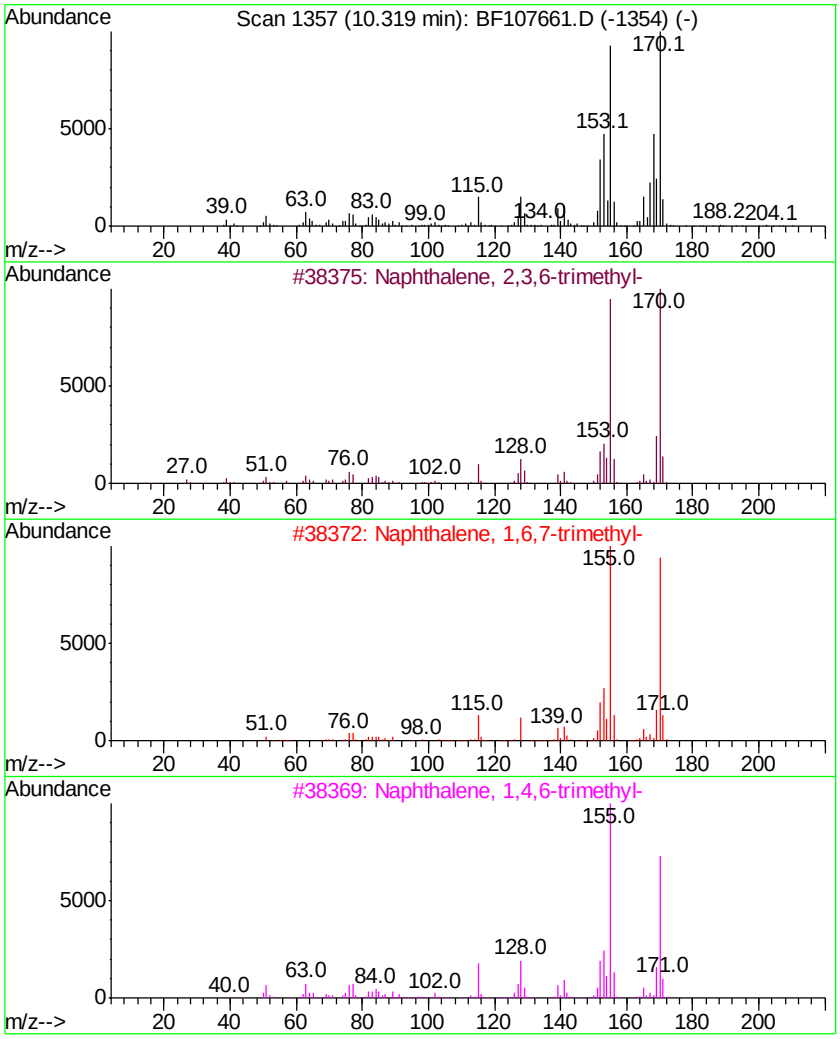
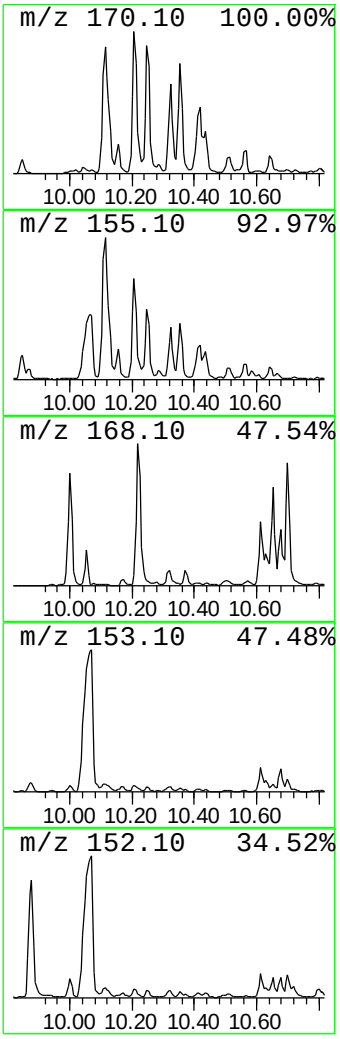
Peak Number 7 Naphthalene, 2,3,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	8.19 ng	1300440	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	81





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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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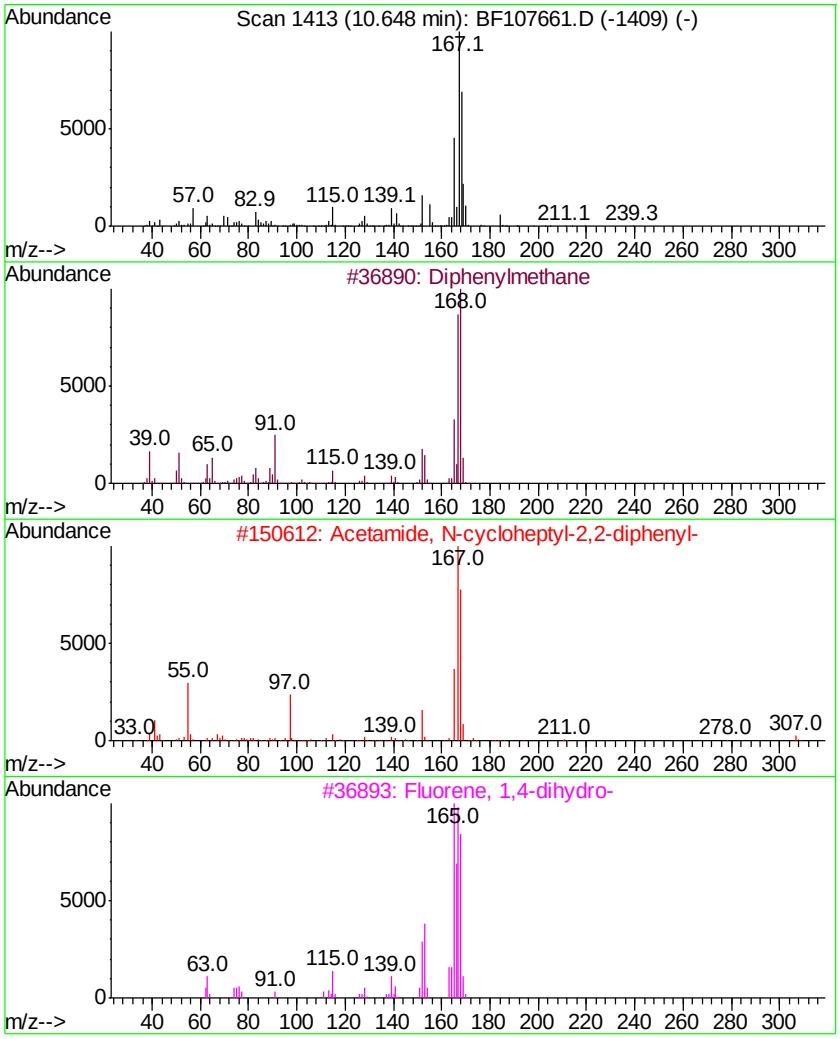
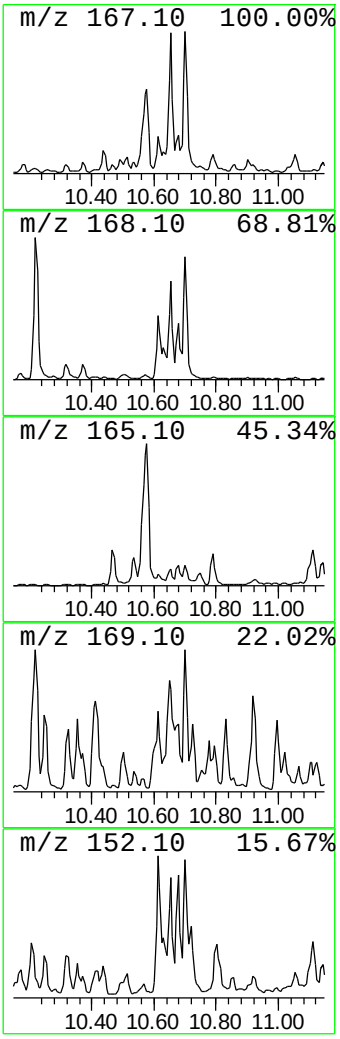
Peak Number 8 Diphenylmethane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	16.53 ng	2623580	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	83
2	Acetamide, N-cycloheptyl-2,2-dip...	307	C21H25NO	351062-01-6	78
3	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	64
4	1,1-Diphenyl-2-propanol	212	C15H16O	029338-49-6	59
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	58





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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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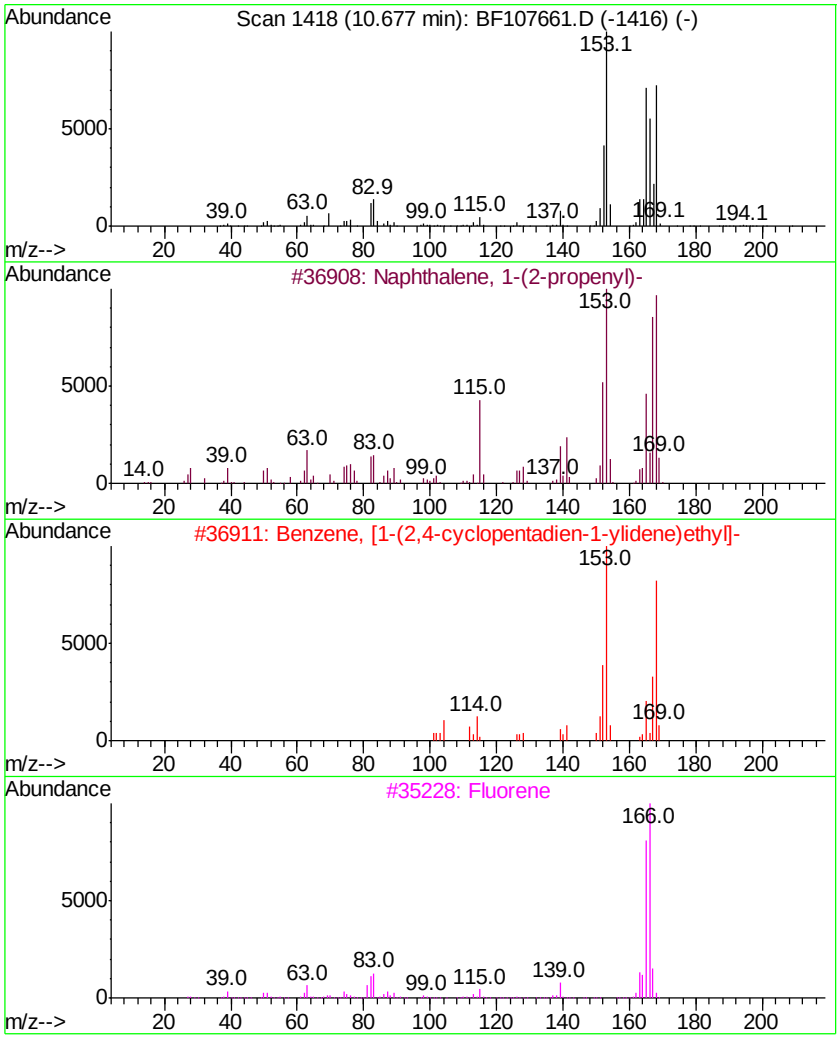
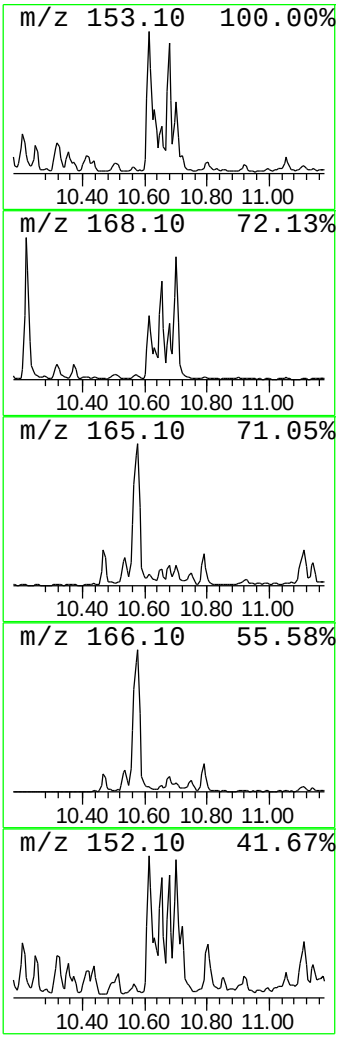
Peak Number 9 Naphthalene, 1-(2-propenyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	9.41 ng	1493960	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	50
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	50
3	Fluorene	166	C13H10	000086-73-7	38
4	Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	25
5	5-Acetyl-2-methyl-3-thiophenecar...	168	C8H8O2S	090345-55-4	17





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Sample : J4126-05 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-11

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

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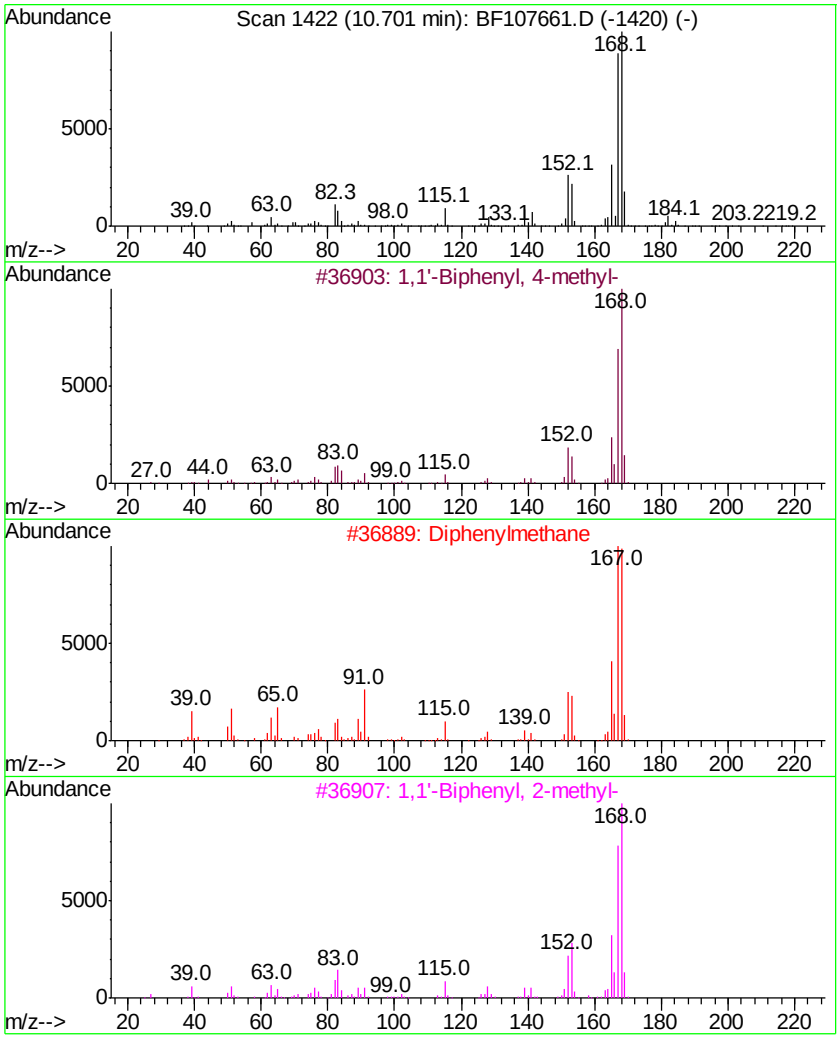
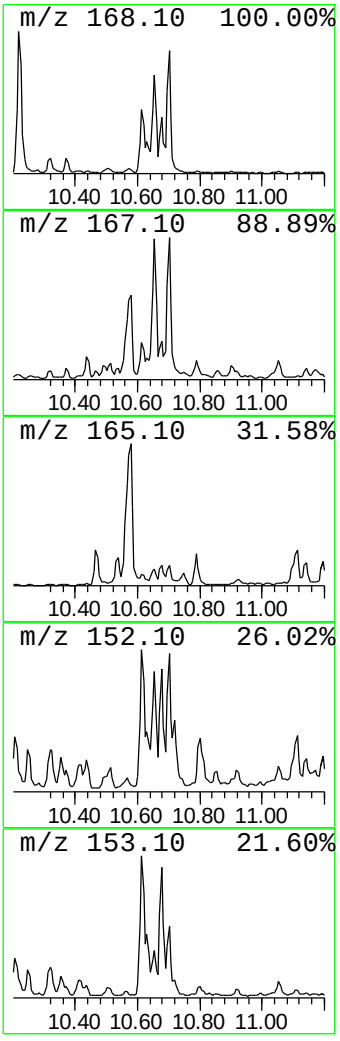
Peak Number 10 1,1'-Biphenyl, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	14.39 ng	2283610	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	87
2	Diphenylmethane	168	C13H12	000101-81-5	87
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	81
4	Nordiphenamid	225	C15H15NO	000954-21-2	64
5	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	64





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ALS Vial : 14 Sample Multiplier: 1

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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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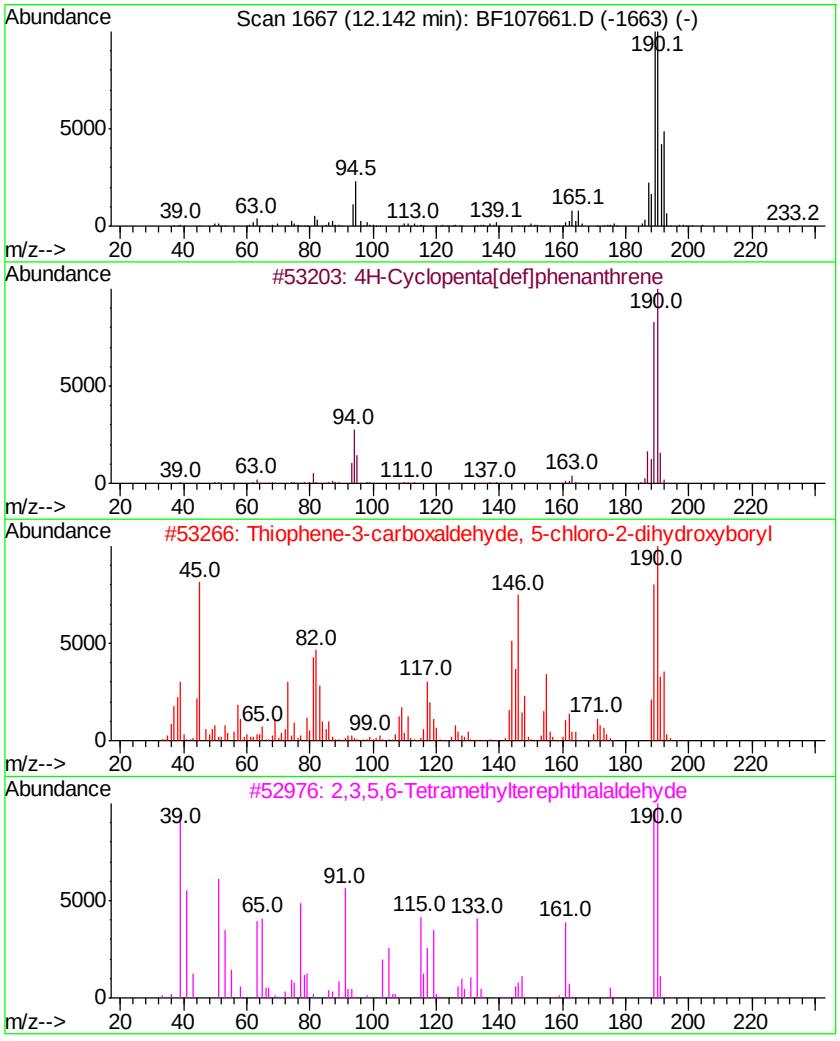
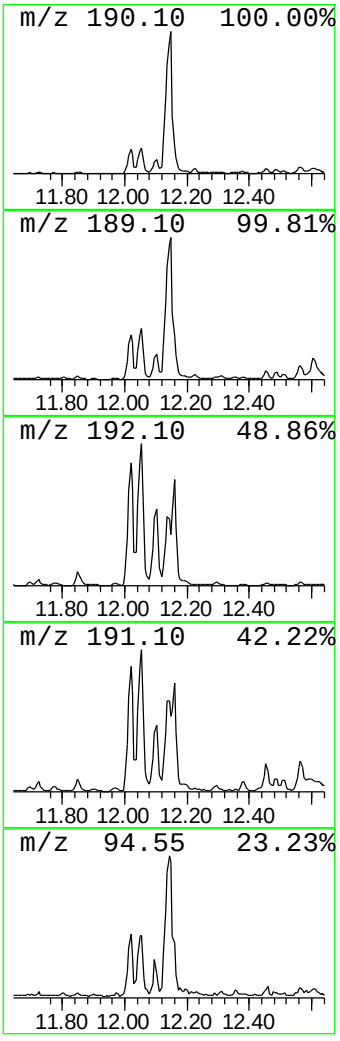
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	10.65 ng	12758800	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	37





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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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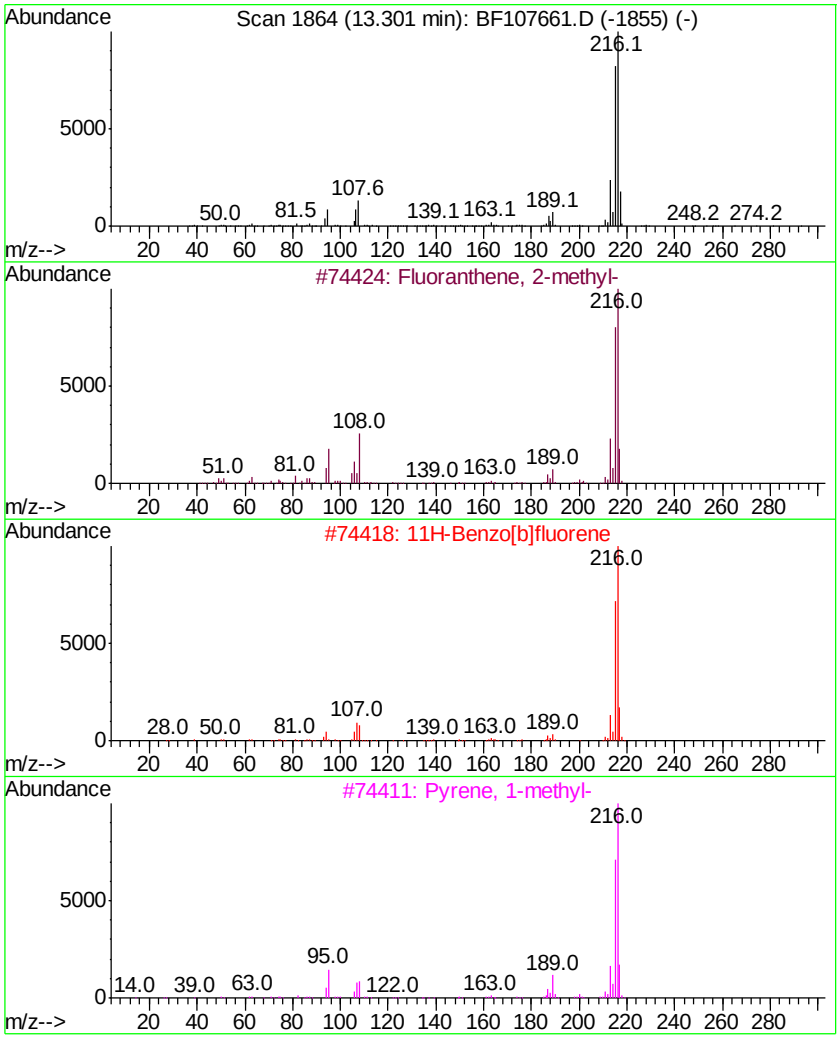
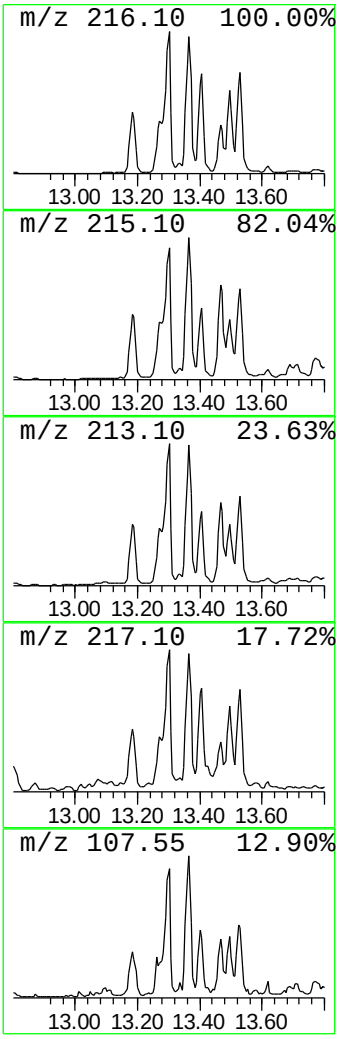
Peak Number 12 Fluoranthene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	11.14 ng	8216310	Chrysene-d12	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





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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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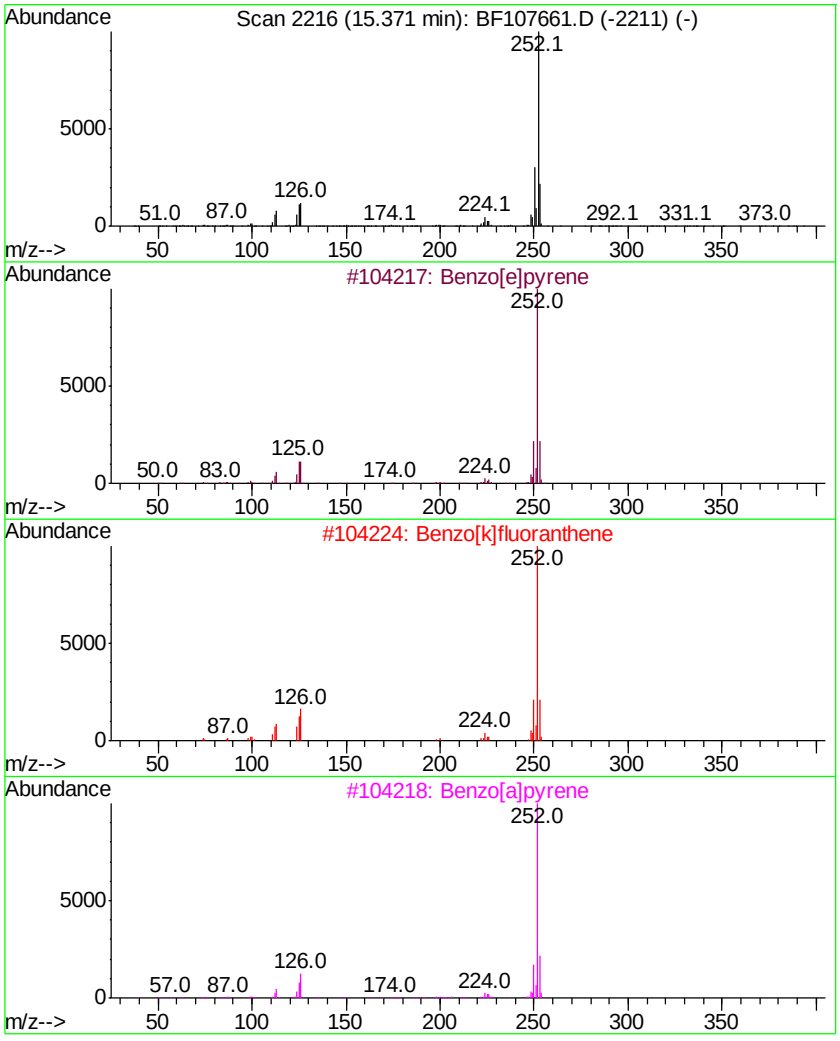
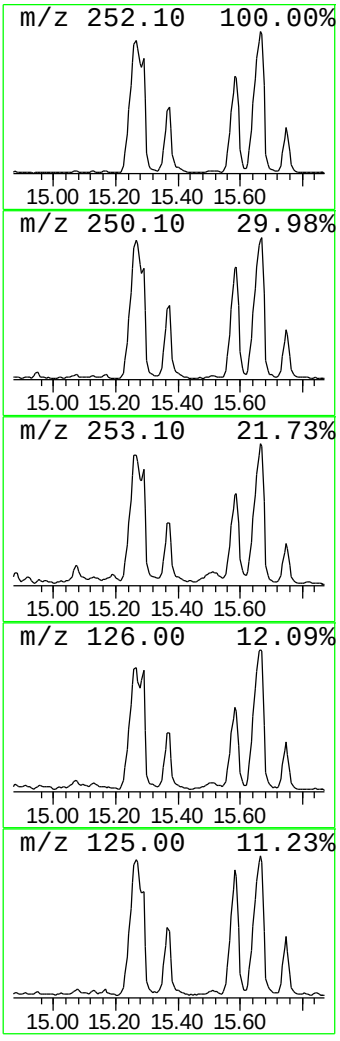
Peak Number 13 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	67.42 ng	2639260	Perylene-d12	15.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Benzo[a]pyrene	252	C20H12	000050-32-8	94
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





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Misc :
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Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-11

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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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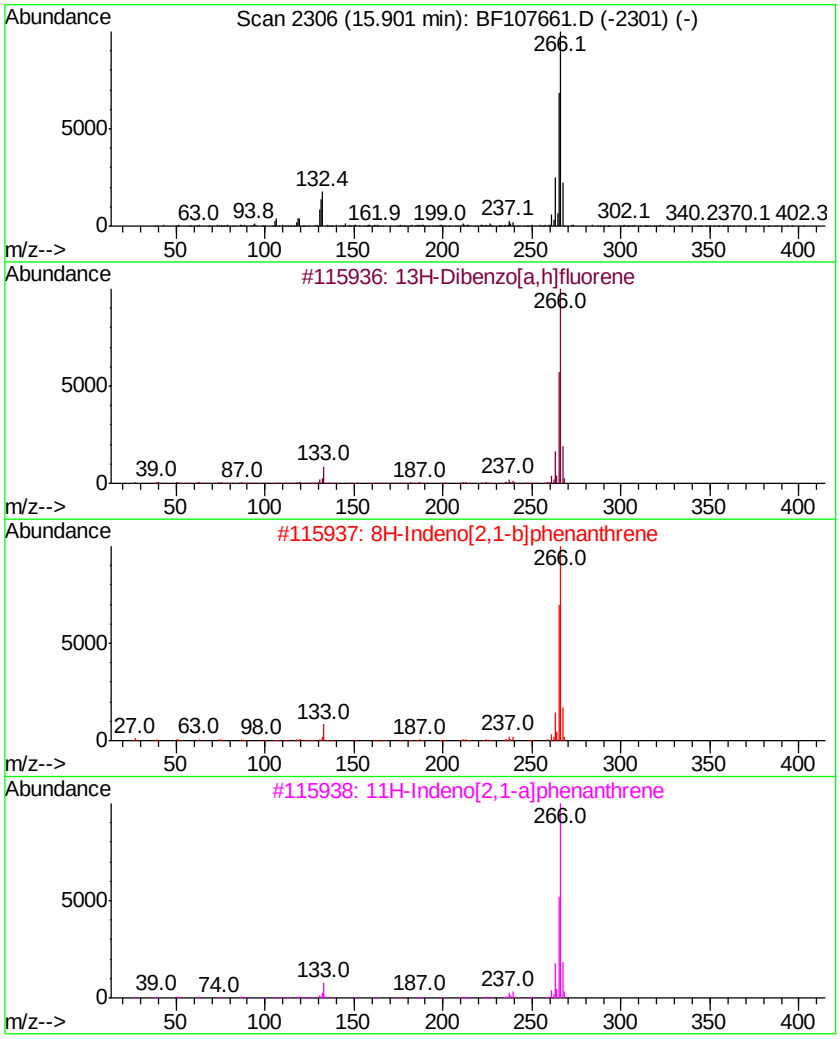
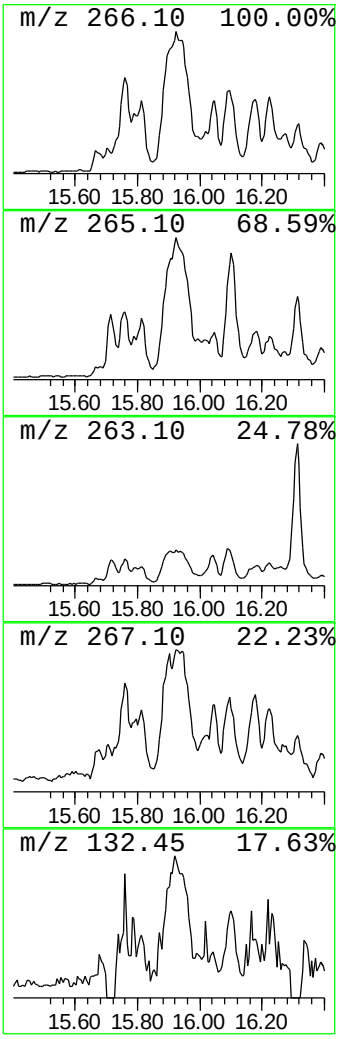
Peak Number 15 13H-Dibenzo[a,h]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	15.52 ng	607675	Perylene-d12	15.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13H-Dibenzo[a,h]fluorene	266	C21H14	000239-85-0	96
2	8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	94
3	11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	89
4	Thiazole, 4-phenyl-2-(4-tolylami...	266	C16H14N2S	016098-04-7	59
5	(1H)Phenanthro[9,10-d]pyrazole, ...	294	C21H14N2	037944-54-0	56





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

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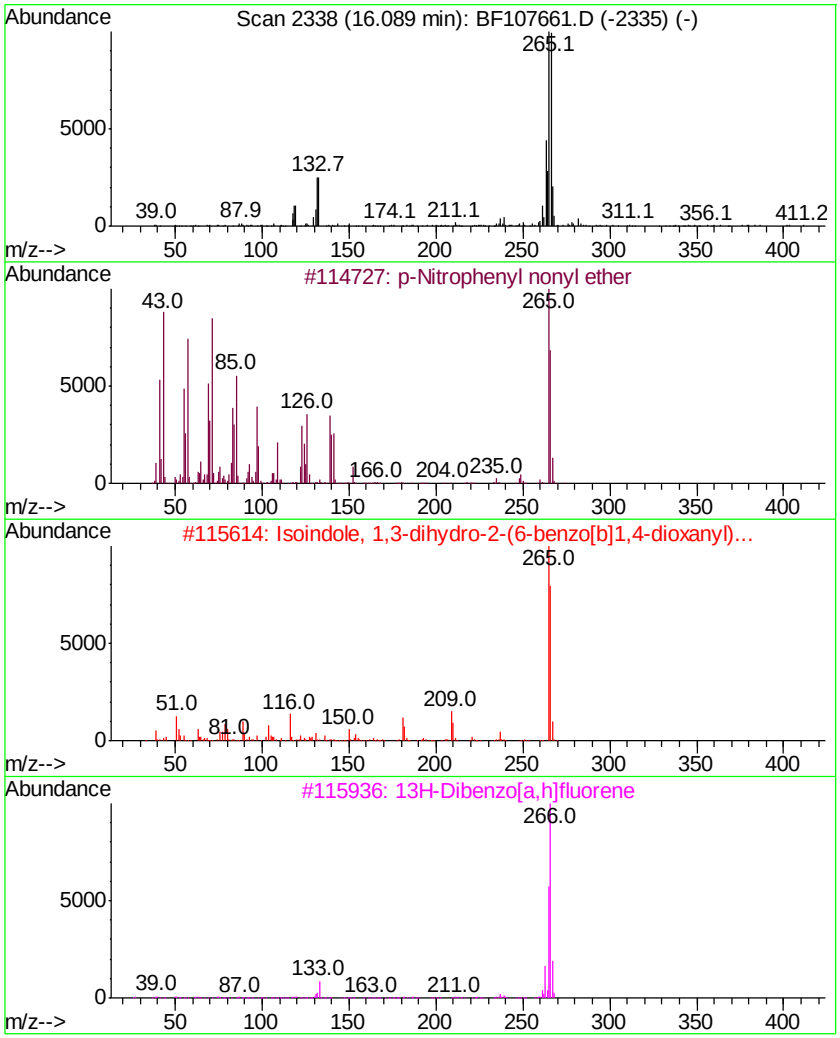
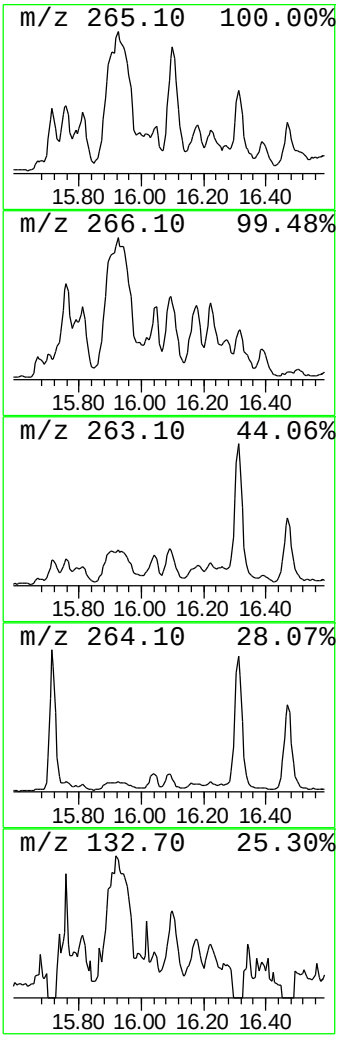
Peak Number 16 p-Nitrophenyl nonyl ether Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	23.45 ng	918221	Perylene-d12	15.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Nitrophenyl nonyl ether	265	C15H23NO3	086702-46-7	53
2	Isoindole, 1,3-dihydro-2-(6-benz...	266	C16H14N2O2	312914-52-6	50
3	13H-Dibenzo[a,h]fluorene	266	C21H14	000239-85-0	47
4	8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	47
5	Benz[j]aceanthrylene, 3-methyl-	266	C21H14	003343-10-0	43





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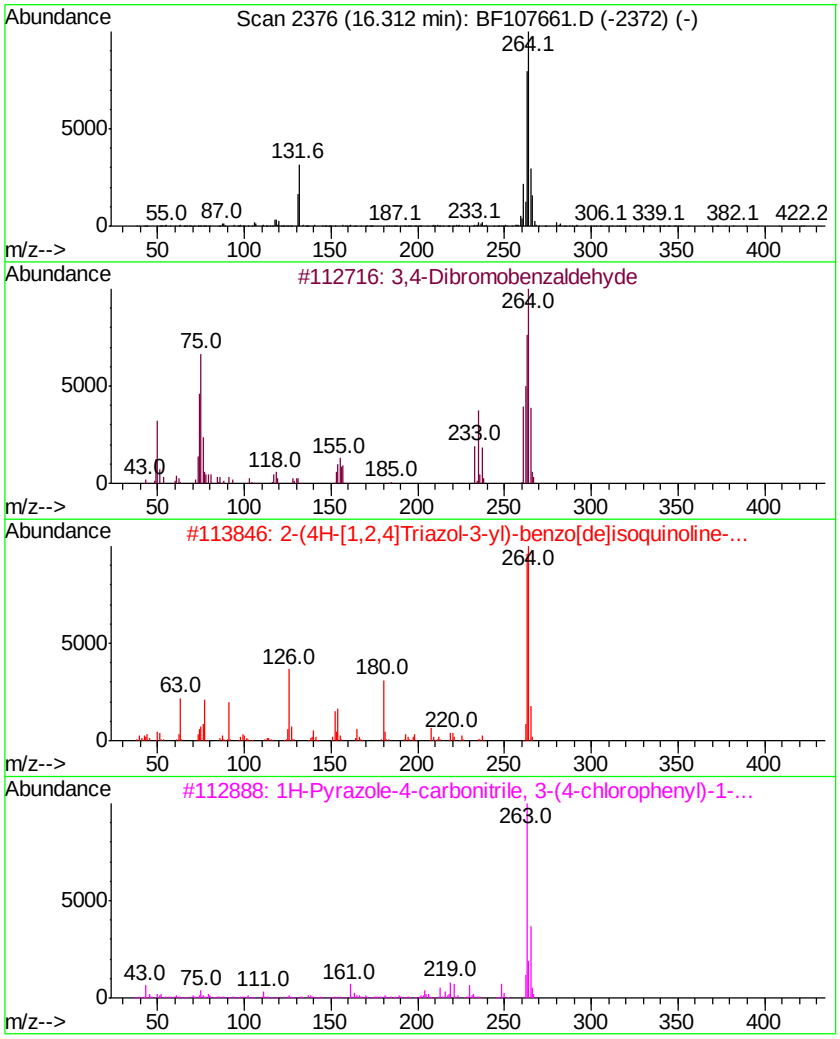
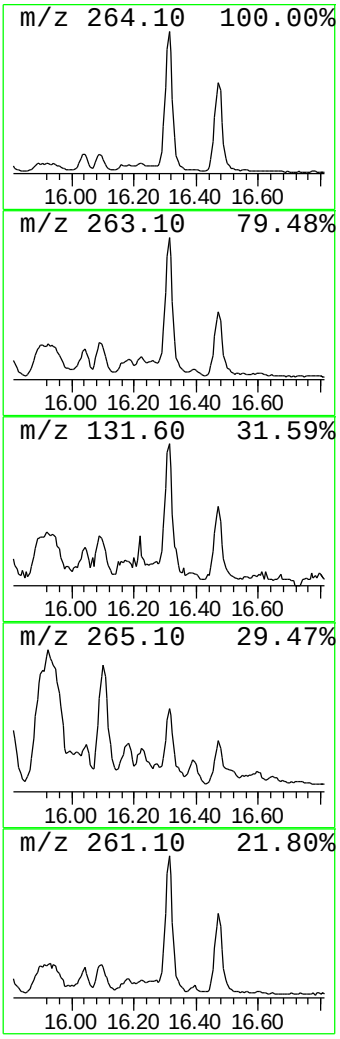
Peak Number 17 3,4-Dibromobenzaldehyde Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.31	42.44 ng	1661530	Perylene-d12	15.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dibromobenzaldehyde	262	C7H4Br2O	074003-55-7	64
2	2-(4H-[1,2,4]Triazol-3-yl)-benzo...	264	C14H8N4O2	1000318-09-6	53
3	1H-Pyrazole-4-carbonitrile, 3-(4...	263	C12H10ClN3S	068364-67-0	38
4	Boroxin, ethyldiphenyl-	264	C14H15B3O3	1000151-82-0	33
5	2-Ethoxy-6-methyl-4-phenyl-quina...	264	C17H16N2O	1000318-42-5	32





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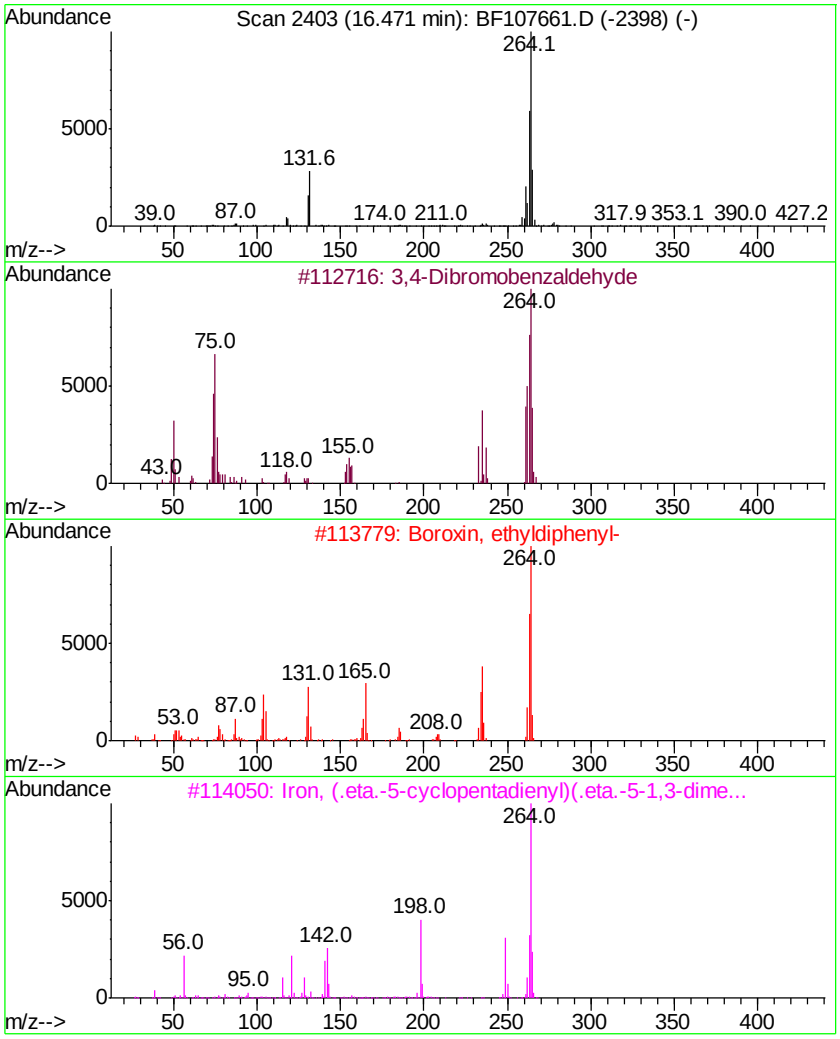
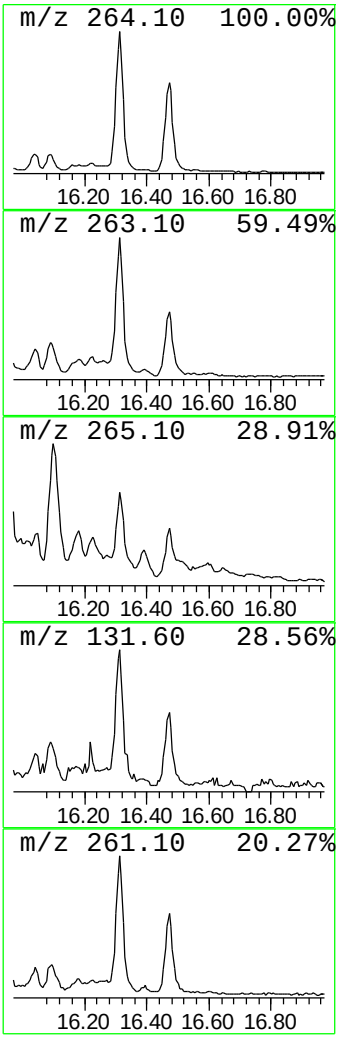
Peak Number 18 Boroxin, ethyldiphenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	23.51 ng	920447	Perylene-d12	15.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dibromobenzaldehyde	262	C7H4Br2O	074003-55-7	64
2	Boroxin, ethyldiphenyl-	264	C14H15B3O3	1000151-82-0	59
3	Iron, (.eta.-5-cyclopentadienyl)...	264	C16H16Fe	1000155-06-6	47
4	Cyclohex-4-ene-1,2-dicarboxylic ...	392	C24H44N2O2	1000187-42-7	40
5	2-Ethoxy-6-methyl-4-phenyl-quina...	264	C17H16N2O	1000318-42-5	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
Data File : BF107661.D
Acq On : 25 Jul 2018 17:07
Operator : JU/SJ
Sample : J4126-05 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

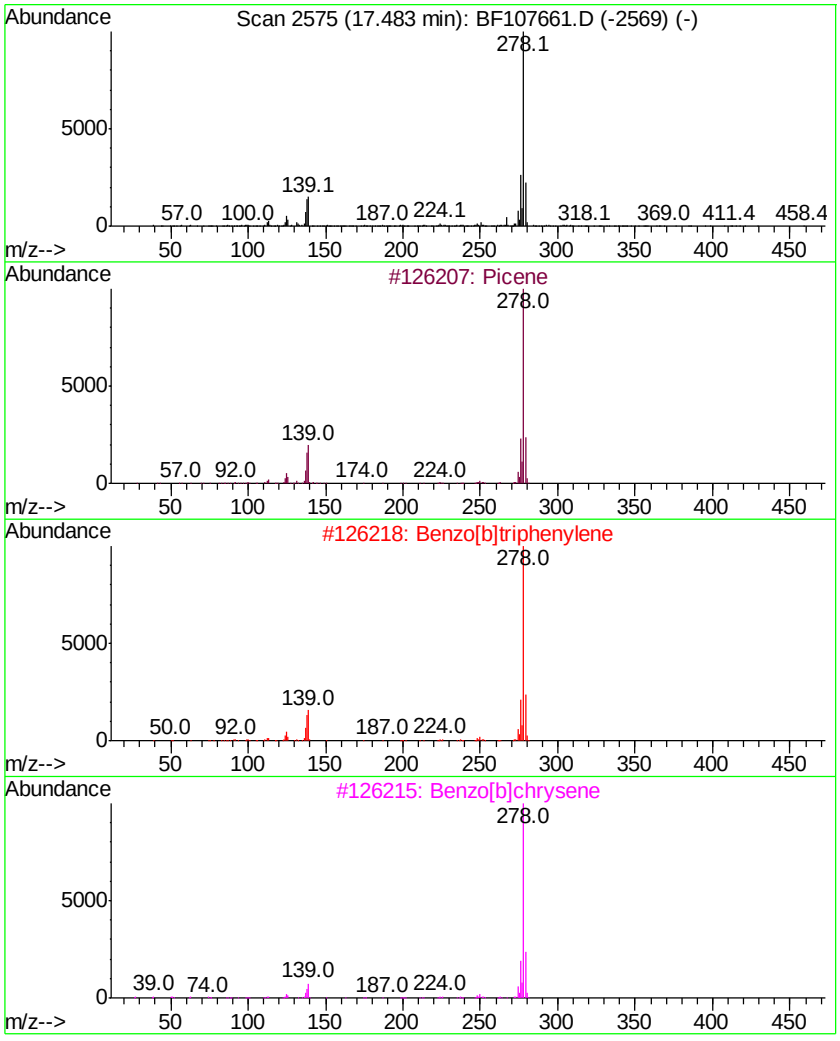
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

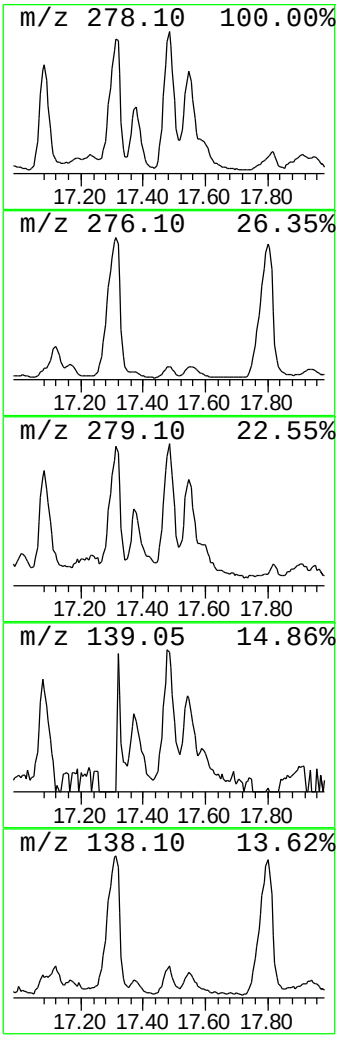
****

Peak Number 19 Picene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.48	36.95 ng	1446700	Perylene-d12	15.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	99
2	Benzo[b]triphenylene	278	C22H14	000215-58-7	98
3	Benzo[b]chrysene	278	C22H14	000214-17-5	98
4	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	97
5	Naphtho[1,2-a]anthracene	278	C22H14	000195-06-2	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072518\
Data File : BF107661.D
Acq On : 25 Jul 2018 17:07
Operator : JU/SJ
Sample : J4126-05 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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
unknown6.74	6.74	30.0	ng	1832620	1	6.97	1220650	20.0
Naphthalene, 2-me...	9.07	56.9	ng	4260530	2	8.25	1498980	20.0
Naphthalene, 1-et...	9.53	42.8	ng	6792040	3	10.02	3174540	20.0
Naphthalene, 2,6-...	9.60	23.9	ng	3787640	3	10.02	3174540	20.0
Naphthalene, 1,3-...	9.78	15.0	ng	2385510	3	10.02	3174540	20.0
Naphthalene, 2,3,...	10.32	8.2	ng	1300440	3	10.02	3174540	20.0
Diphenylmethane	10.65	16.5	ng	2623580	3	10.02	3174540	20.0
Naphthalene, 1-(2...	10.68	9.4	ng	1493960	3	10.02	3174540	20.0
1,1'-Biphenyl, 4-...	10.70	14.4	ng	2283610	3	10.02	3174540	20.0
4H-Cyclopenta[def...	12.14	10.7	ng	12758800	4	11.52	23965400	20.0
Fluoranthene, 2-m...	13.30	11.1	ng	8216310	5	14.18	14747600	20.0
Benzo[e]pyrene	15.37	67.4	ng	2639260	6	15.71	782980	20.0
13H-Dibenzo[a,h]f...	15.90	15.5	ng	607675	6	15.71	782980	20.0
p-Nitrophenyl non...	16.09	23.4	ng	918221	6	15.71	782980	20.0
3,4-Dibromobenzal...	16.31	42.4	ng	1661530	6	15.71	782980	20.0
Boroxin, ethyldip...	16.47	23.5	ng	920447	6	15.71	782980	20.0
Picene	17.48	37.0	ng	1446700	6	15.71	782980	20.0