LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073118\
Data File : BF107852.D
Acq On : 31 Jul 2018 16:33
Operator : JU/SJ
Sample : J4231-09 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-14-5

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-BF073018.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	6.960	782	786	805	rBV	441355	832639	5.63%	0.486%
2	7.113	809	812	824	rVB	186553	275217	1.86%	0.160%
3	8.242	1001	1004	1007	rBV	882245	984684	6.65%	0.574%
4	9.054	1138	1142	1147	rBV	790090	800275	5.41%	0.467%
5	9.313	1183	1186	1192	rBV	313786	387970	2.62%	0.226%
6	9.419	1201	1204	1215	rBV	1053264	1367288	9.24%	0.797%
7	9.519	1218	1221	1228	rVV	332540	528271	3.57%	0.308%
8	9.589	1228	1233	1236	rVV	740198	1131684	7.65%	0.660%
9	9.619	1236	1238	1241	rVV	216109	280582	1.90%	0.164%
10	9.660	1241	1245	1248	rVV	1134590	1395082	9.43%	0.813%
11	9.695	1248	1251	1255	rVV4	300680	465029	3.14%	0.271%
12	9.777	1261	1265	1272	rVB	489976	720353	4.87%	0.420%
13	9.866	1276	1280	1288	rVB2	819868	978885	6.62%	0.571%
14	9.983	1297	1300	1301	rBV	624417	570667	3.86%	0.333%
15	10.001	1301	1303	1306	rVV2	944877	1094230	7.40%	0.638%
16	10.042	1306	1310	1317	rVV	5951794	7421649	50.16%	4.328%
17	10.101	1317	1320	1325	rVB	503013	700801	4.74%	0.409%
18	10.195	1333	1336	1341	rBV2	441006	784357	5.30%	0.457%
19	10.242	1341	1344	1353	rVB2	440230	603125	4.08%	0.352%
20	10.313	1353	1356	1359	rBV	345177	378988	2.56%	0.221%
21	10.348	1359	1362	1368	rVB3	269535	379948	2.57%	0.222%
22	10.407	1368	1372	1374	rBV2	241750	310225	2.10%	0.181%
23	10.460	1378	1381	1385	rBV	434672	501361	3.39%	0.292%
24	10.524	1390	1392	1394	rBV	313048	287731	1.94%	0.168%
25	10.560	1394	1398	1403	rBV	3217409	3632603	24.55%	2.118%
26	10.666	1413	1416	1418	rBV	539887	498631	3.37%	0.291%
27	10.689	1418	1420	1422	rVV2	275155	288501	1.95%	0.168%
28	10.707	1422	1423	1426	rVV2	268405	207917	1.41%	0.121%
29	10.736	1426	1428	1432	rVB2	225013	255442	1.73%	0.149%
30	10.783	1432	1436	1444	rBV2	680931	1138878	7.70%	0.664%
31	10.895	1452	1455	1457	rBV	288724	280054	1.89%	0.163%
32	11.101	1481	1490	1493	rBV	626074	1004625	6.79%	0.586%
33	11.130	1493	1495	1501	rVV	329776	398631	2.69%	0.232%
34	11.183	1501	1504	1507	rVB	281866	257311	1.74%	0.150%

LSC Area Percent Report

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Acq On : 31 Jul 2018 16:33
Operator : JU/SJ
Sample : J4231-09 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-14-5

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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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.395	1537	1540	1551	rVB	1498343	1943610	13.14%	1.133%
36	11.548	1555	1566	1570	rBV	6849024	14796861	100.00%	8.628%
37	11.589	1570	1573	1584	rVB	5344486	7041275	47.59%	4.106%
38	11.789	1604	1607	1611	rVV	997617	853522	5.77%	0.498%
39	11.830	1611	1614	1625	rVB2	439577	697591	4.71%	0.407%
40	11.919	1625	1629	1633	rBV	192575	284685	1.92%	0.166%
41	12.001	1640	1643	1646	rBV	1855938	2023675	13.68%	1.180%
42	12.036	1646	1649	1654	rVV	1990511	2311517	15.62%	1.348%
43	12.083	1654	1657	1660	rVV	783450	859123	5.81%	0.501%
44	12.118	1660	1663	1671	rVB3	3141302	4909739	33.18%	2.863%
45	12.295	1690	1693	1704	rBV	2130123	2617633	17.69%	1.526%
46	12.448	1716	1719	1722	rBV3	189363	203073	1.37%	0.118%
47	12.554	1733	1737	1740	rBV	745163	876597	5.92%	0.511%
48	12.595	1740	1744	1746	rVV2	298550	370002	2.50%	0.216%
49	12.736	1762	1768	1775	rBV	6136750	9901501	66.92%	5.773%
50	12.818	1779	1782	1789	rVV	2717991	3349951	22.64%	1.953%
51	12.877	1789	1792	1794	rVV	392925	436071	2.95%	0.254%
52	12.901	1794	1796	1800	rVB	379477	425054	2.87%	0.248%
53	12.971	1800	1808	1820	rBV	6392941	12549486	84.81%	7.318%
54	13.077	1823	1826	1831	rVB2	283590	333088	2.25%	0.194%
55	13.171	1837	1842	1847	rBV2	604103	892944	6.03%	0.521%
56	13.277	1852	1860	1866	rBV	1618221	2741488	18.53%	1.599%
57	13.348	1868	1872	1875	rVV	1584600	1749003	11.82%	1.020%
58	13.383	1875	1878	1886	rVB	1147386	1401709	9.47%	0.817%
59	13.454	1886	1890	1892	rBV2	675456	920547	6.22%	0.537%
60	13.477	1892	1894	1897	rVV	1006036	1086577	7.34%	0.634%
61	13.507	1897	1899	1910	rVB	1140282	1569561	10.61%	0.915%
62	13.701	1930	1932	1938	rVB3	180701	283372	1.92%	0.165%
63	13.760	1938	1942	1945	rBV3	173590	277753	1.88%	0.162%
64	13.877	1959	1962	1964	rBV2	277239	302467	2.04%	0.176%
65	13.901	1964	1966	1968	rVV	493703	499967	3.38%	0.292%
66	13.930	1968	1971	1973	rVV	1132005	1180943	7.98%	0.689%
67	13.954	1973	1975	1979	rVB	1279103	1145645	7.74%	0.668%
68	14.154	2003	2009	2012	rBV2	5124677	8185792	55.32%	4.773%
69	14.189	2012	2015	2021	rVV	4411418	5653237	38.21%	3.296%
70	14.265	2025	2028	2033	rVV2	628586	827290	5.59%	0.482%
71	14.307	2033	2035	2042	rVB4	223760	350565	2.37%	0.204%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J4231-09 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-14-5

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-BF073018.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.501	2065	2068	2070	rBV	240895	280620	1.90%	0.164%
73	14.542	2072	2075	2079	rVV2	814743	1154417	7.80%	0.673%
74	14.571	2079	2080	2085	rVV	386994	383615	2.59%	0.224%
75	14.618	2085	2088	2090	rVV2	461576	558512	3.77%	0.326%
76	14.642	2090	2092	2094	rVV2	486014	497119	3.36%	0.290%
77	14.671	2094	2097	2098	rVV	531651	563368	3.81%	0.328%
78	14.695	2098	2101	2106	rVV2	997691	1479295	10.00%	0.863%
79	14.742	2106	2109	2115	rVB2	475950	664776	4.49%	0.388%
80	14.795	2115	2118	2122	rBV2	209959	339186	2.29%	0.198%
81	15.065	2160	2164	2169	rBV3	155342	218903	1.48%	0.128%
82	15.248	2187	2195	2208	rBV	2967597	8155100	55.11%	4.755%
83	15.354	2208	2213	2225	rVB	1038153	1729669	11.69%	1.009%
84	15.501	2234	2238	2243	rBV4	131453	244060	1.65%	0.142%
85	15.565	2243	2249	2256	rVV	2265382	3896246	26.33%	2.272%
86	15.648	2256	2263	2269	rVV	3756555	7169396	48.45%	4.180%
87	15.701	2269	2272	2274	rVV	794124	1087886	7.35%	0.634%
88	15.736	2274	2278	2287	rVB	855618	1477199	9.98%	0.861%
89	15.883	2298	2303	2306	rBV3	220566	432655	2.92%	0.252%
90	16.089	2332	2338	2339	rBV3	164701	294256	1.99%	0.172%
91	16.295	2369	2373	2383	rVB2	570277	1141654	7.72%	0.666%
92	16.459	2396	2401	2414	rVB2	273020	596669	4.03%	0.348%
93	16.654	2430	2434	2444	rVB4	126211	309011	2.09%	0.180%
94	16.789	2453	2457	2466	rVB3	104617	247440	1.67%	0.144%
95	17.071	2500	2505	2507	rBV2	129147	247357	1.67%	0.144%
96	17.295	2533	2543	2551	rBV	1521136	4063590	27.46%	2.369%
97	17.471	2567	2573	2579	rBV	296463	695623	4.70%	0.406%
98	17.536	2579	2584	2600	rVB3	238741	750670	5.07%	0.438%
99	17.777	2615	2625	2639	rBV	1341514	3915668	26.46%	2.283%
100	18.036	2661	2669	2685	rVB	655444	1908741	12.90%	1.113%

Sum of corrected areas: 171499249

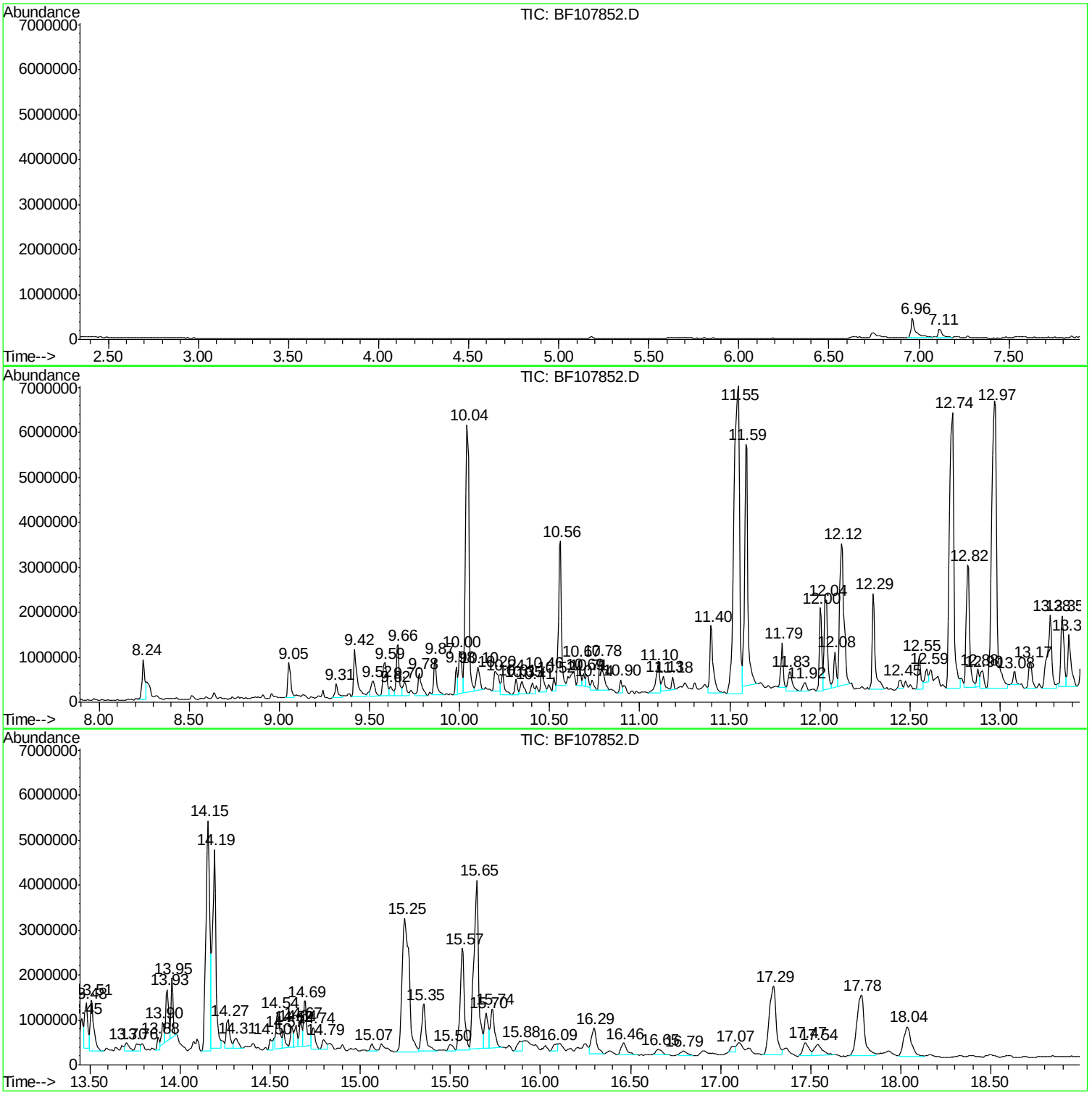
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073118\
Data File : BF107852.D
Acq On : 31 Jul 2018 16:33
Operator : JU/SJ
Sample : J4231-09 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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\BF073118\
Data File : BF107852.D
Acq On : 31 Jul 2018 16:33
Operator : JU/SJ
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-14-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

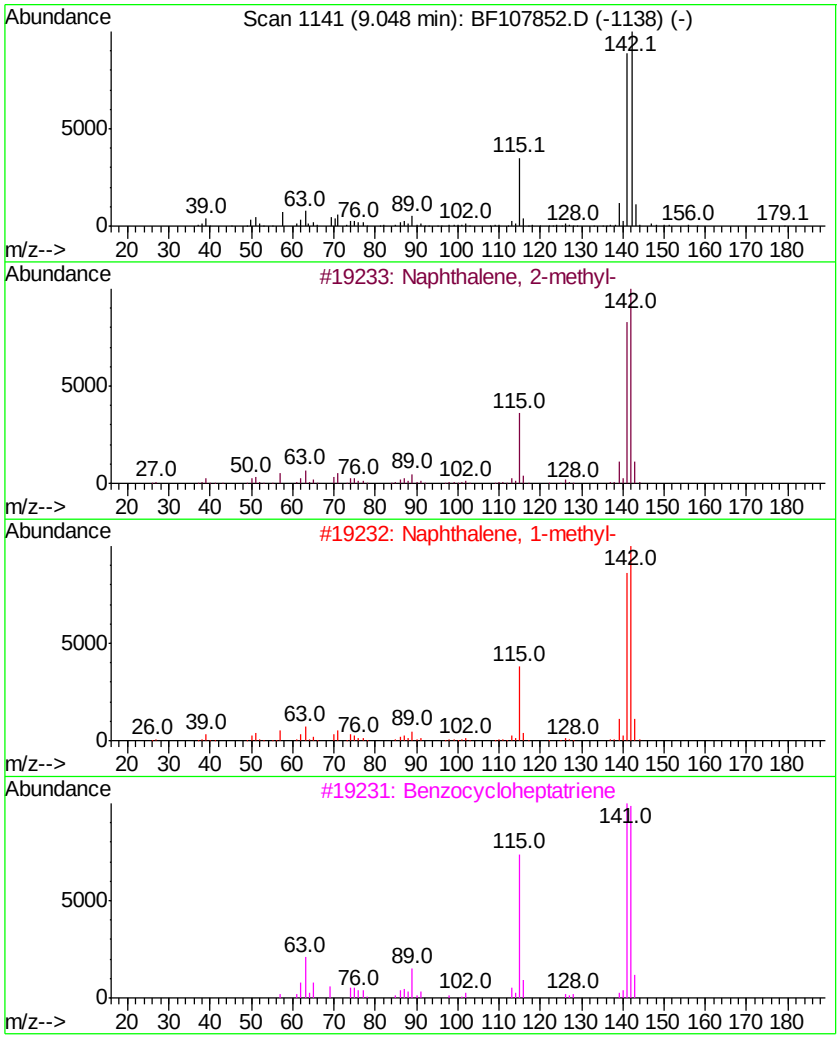
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

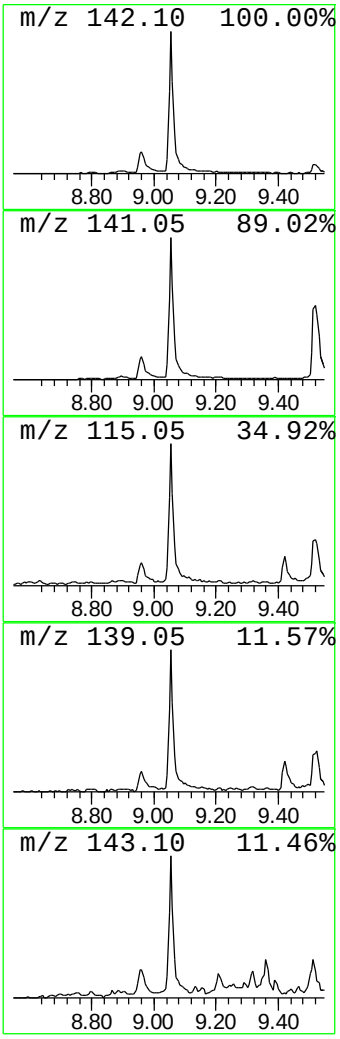
****

Peak Number 1 Naphthalene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	16.25 ng	800275	Naphthalene-d8	8.24

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	86





Library Search Compound Report

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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-14-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

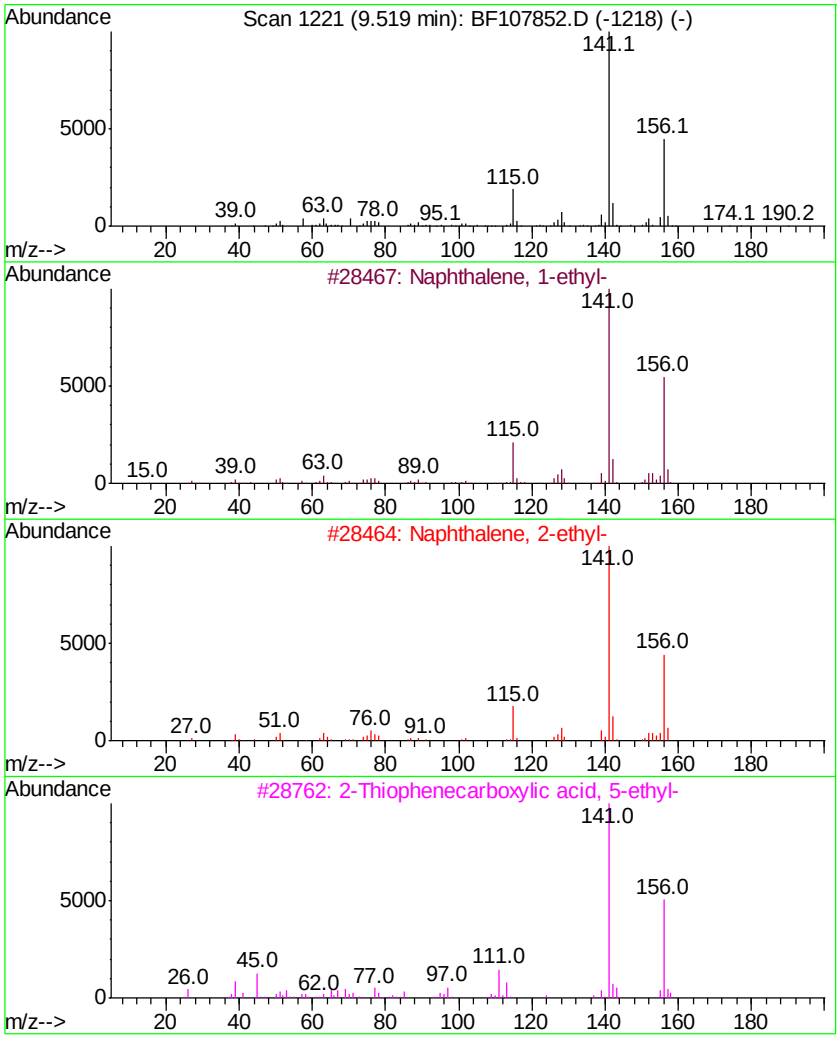
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

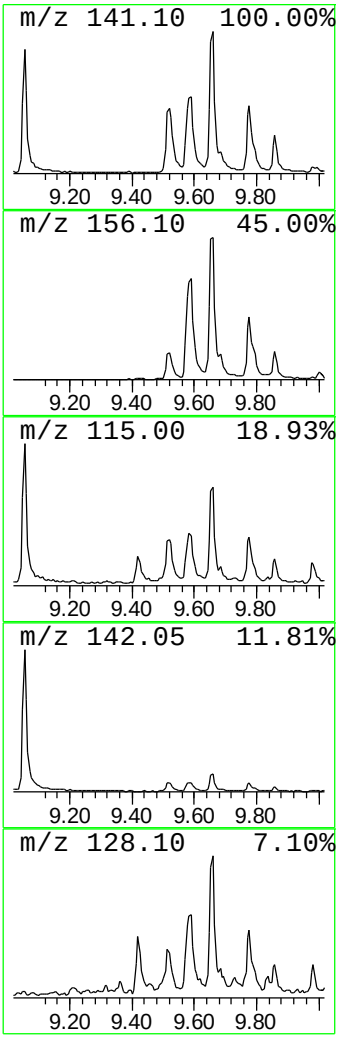
****

Peak Number 2 Naphthalene, 1-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	9.66 ng	528271	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	91
3	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	80
4	3',4'-Difluoroacetophenone	156	C8H6F2O	000369-33-5	64
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	64





Library Search Compound Report

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Misc :
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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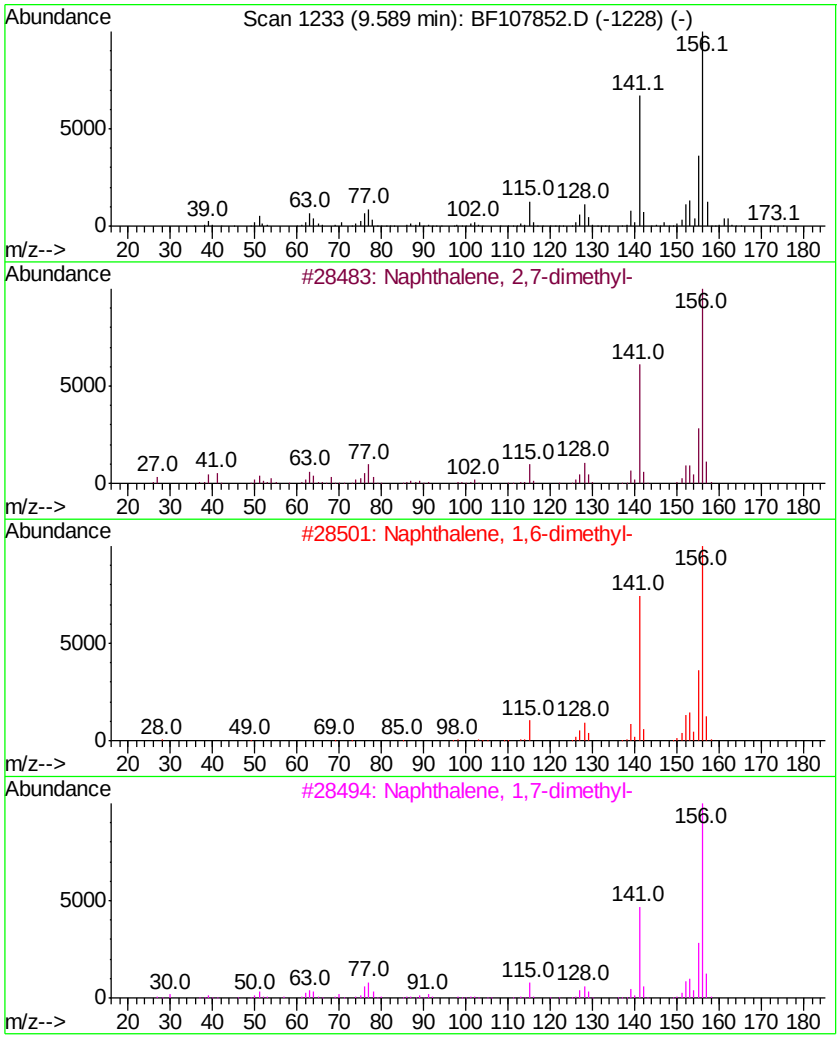
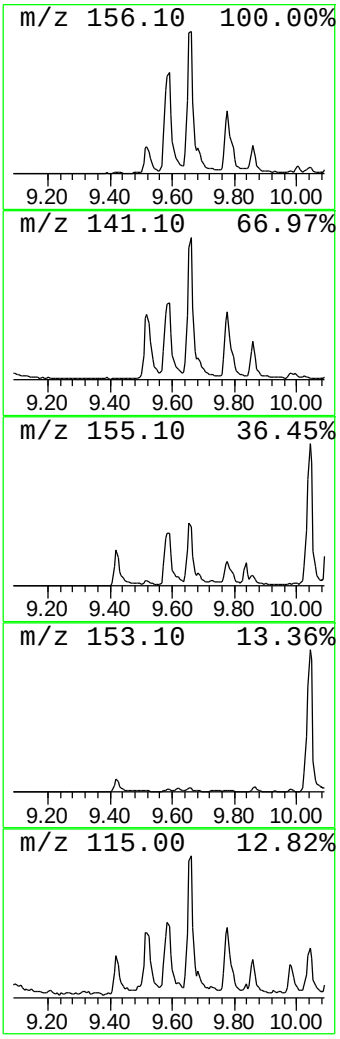
Peak Number 3 Naphthalene, 2,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	20.68 ng	1131680	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073118\
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-14-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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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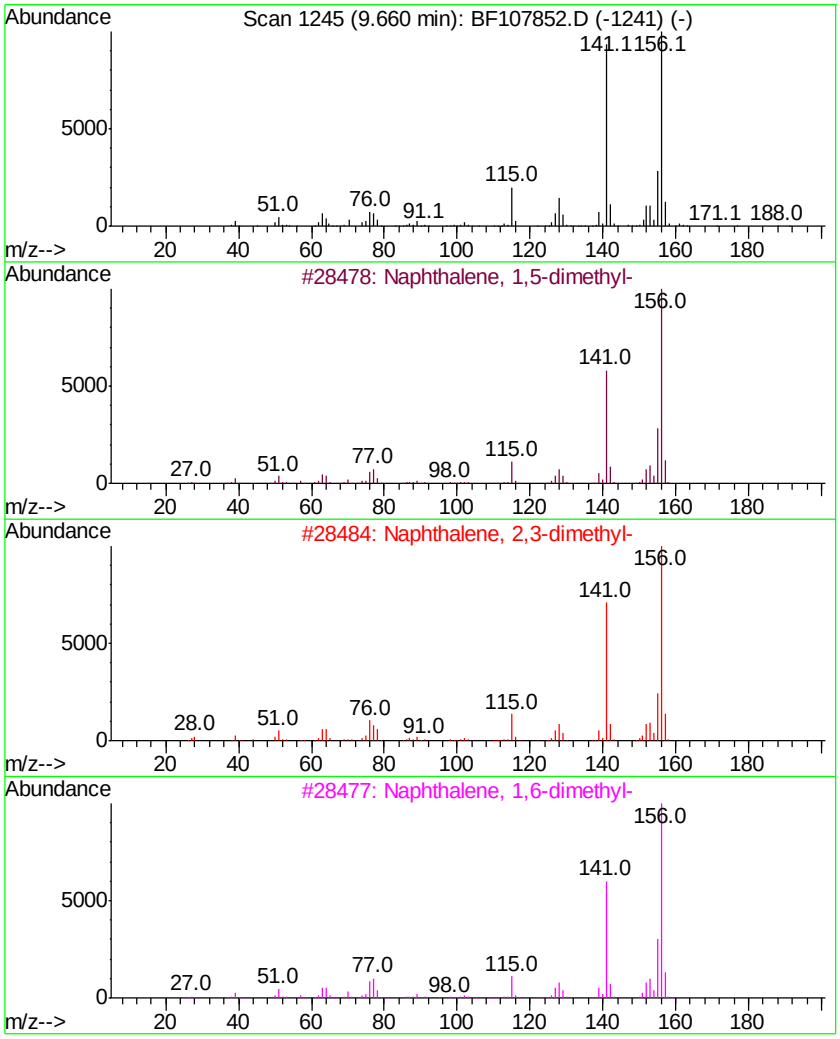
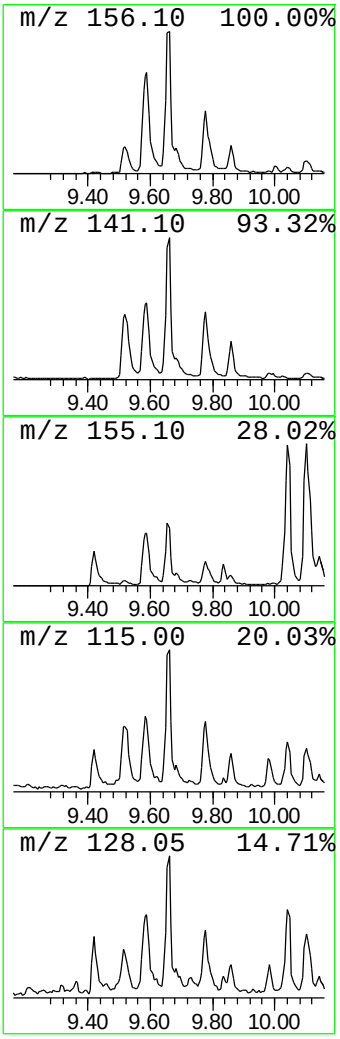
Peak Number 4 Naphthalene, 1,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	25.50 ng	1395080	Acenaphthene-d10	10.00

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





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073118\
Data File : BF107852.D
Acq On : 31 Jul 2018 16:33
Operator : JU/SJ
Sample : J4231-09 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-14-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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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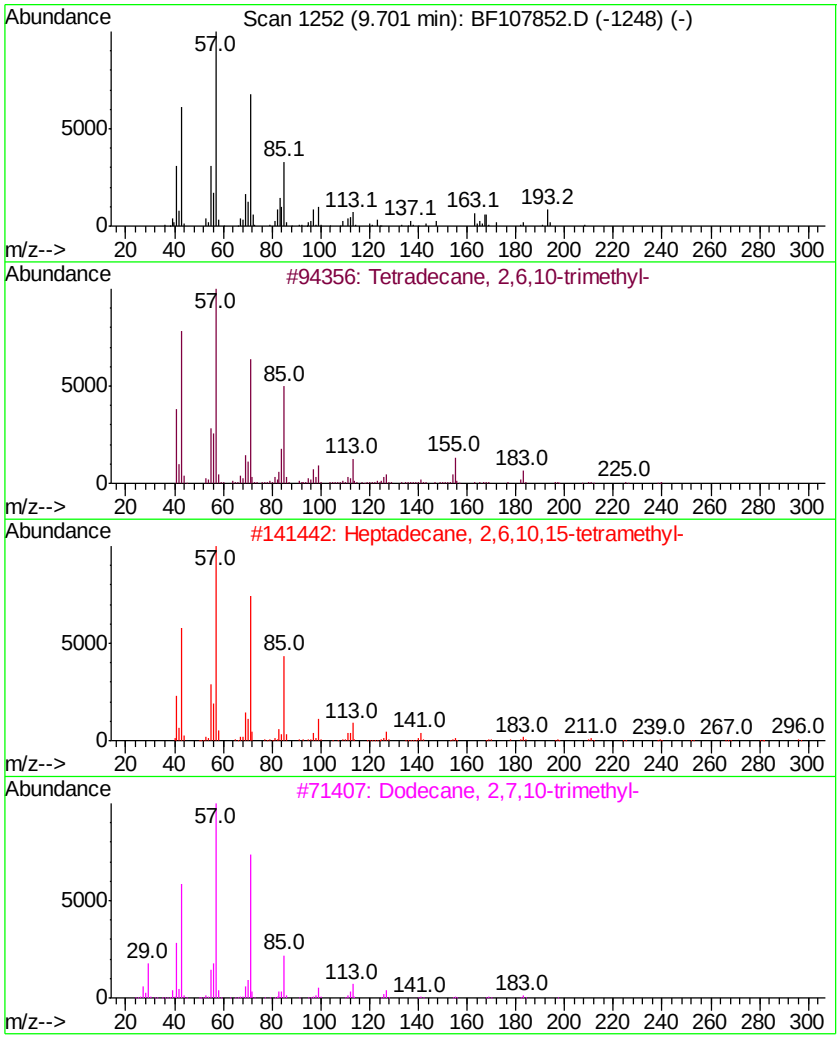
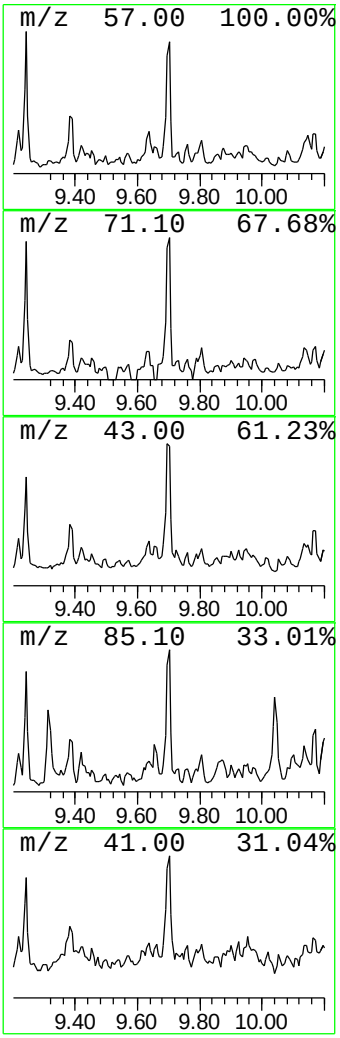
Peak Number 5 Tetradecane, 2,6,10-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	8.50 ng	465029	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	64
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	59
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	53
4	Hentriacontane	437	C31H64	000630-04-6	53
5	Octacosane	394	C28H58	000630-02-4	53





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Acq On : 31 Jul 2018 16:33
Operator : JU/SJ
Sample : J4231-09 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-14-5

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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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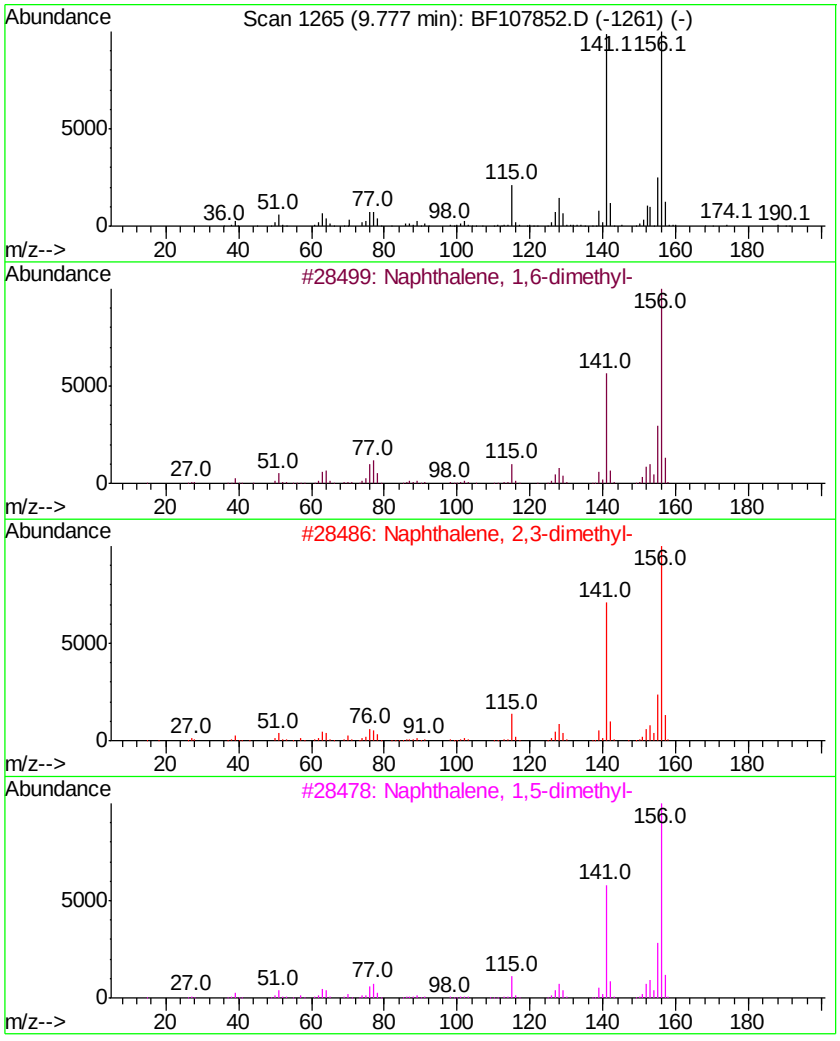
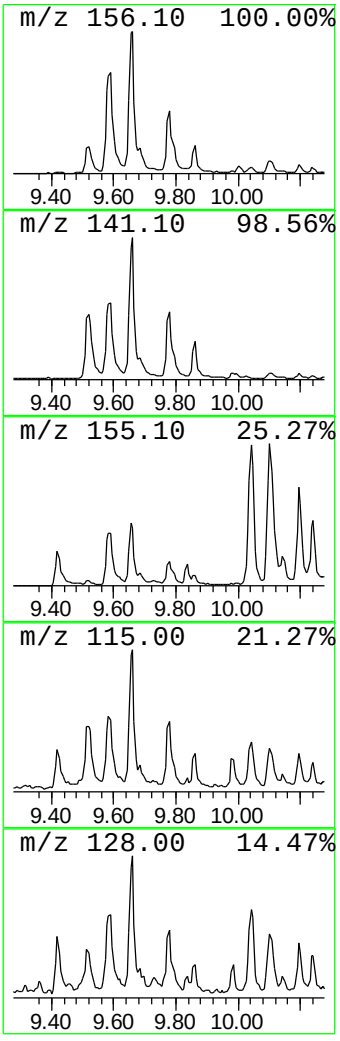
Peak Number 6 Naphthalene, 1,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	13.17 ng	720353	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	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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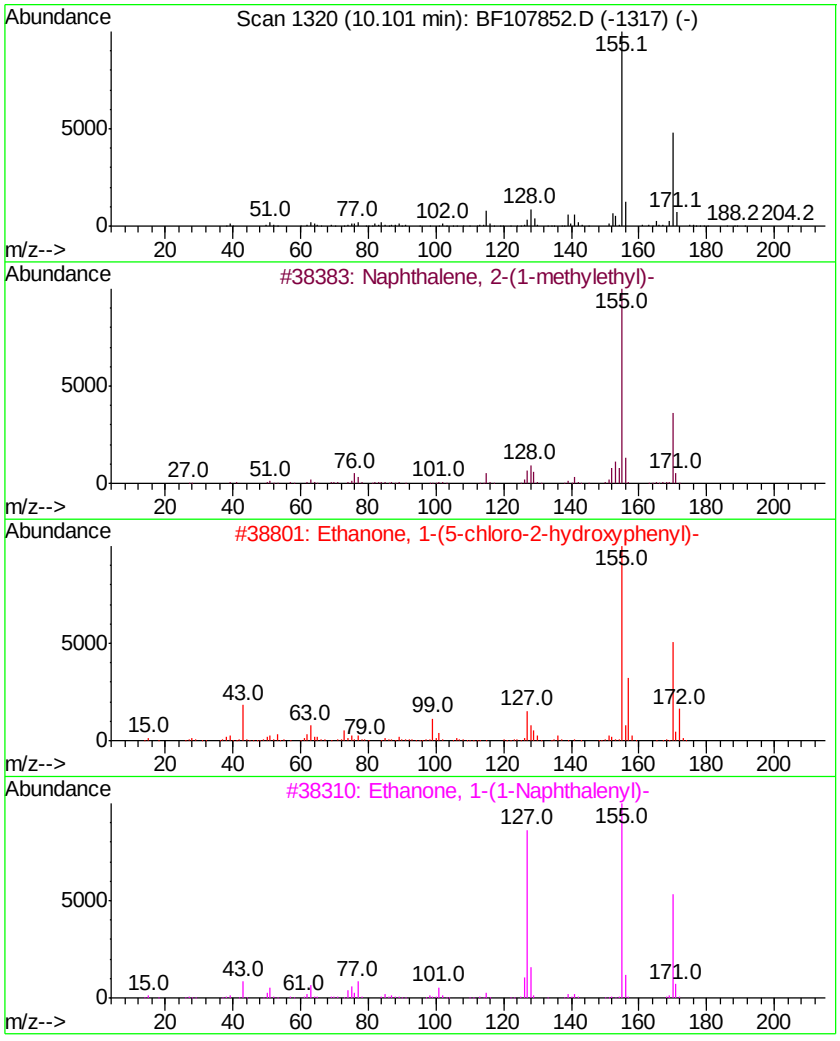
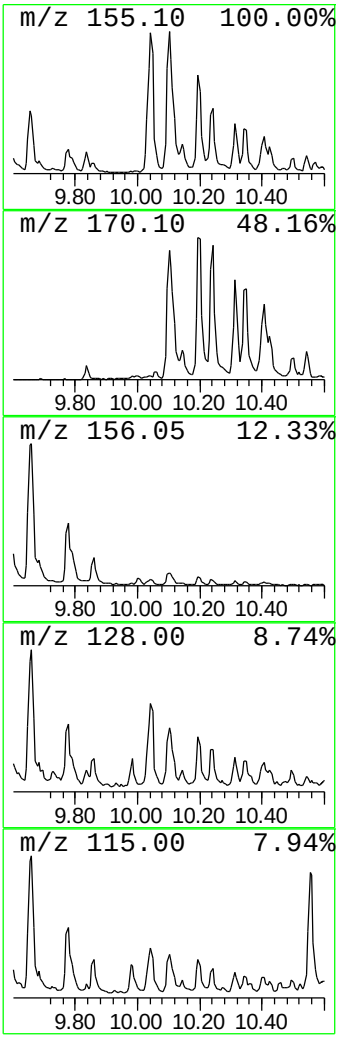
Peak Number 7 Naphthalene, 2-(1-methyleth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.10	12.81 ng	700801	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	86
2	Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	78
3	Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	72
4	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	72
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	53





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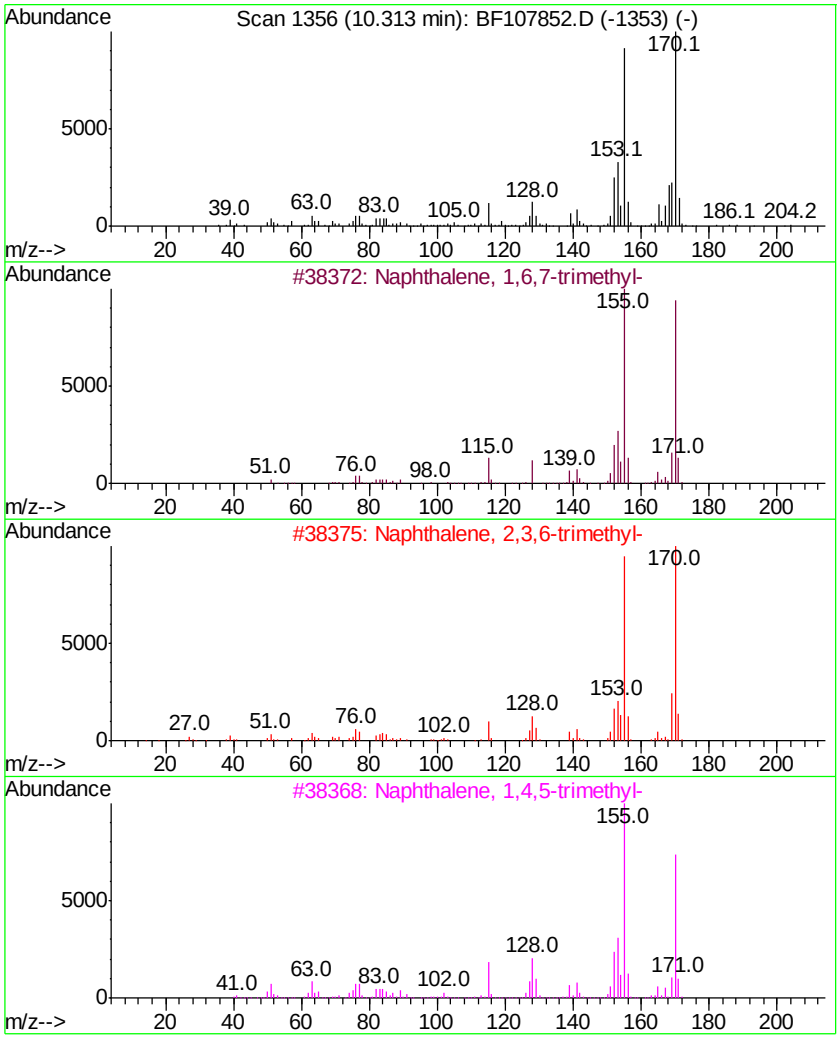
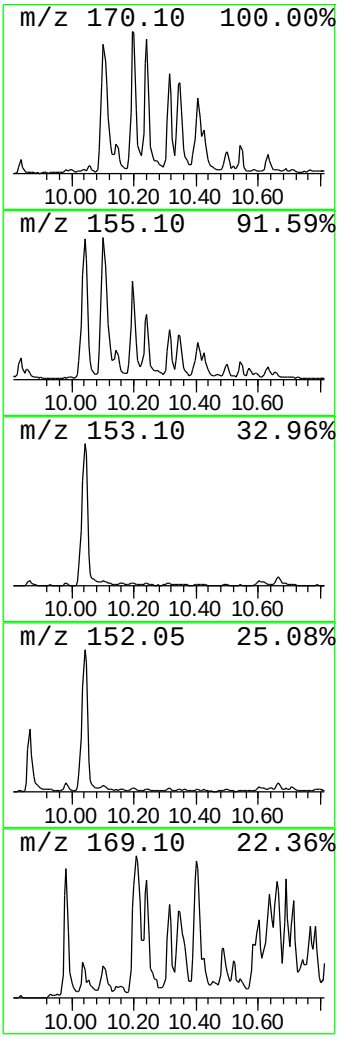
Peak Number 8 Naphthalene, 1,6,7-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	6.93 ng	378988	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	89





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Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-14-5

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TIC Integration Parameters: LSCINT.P

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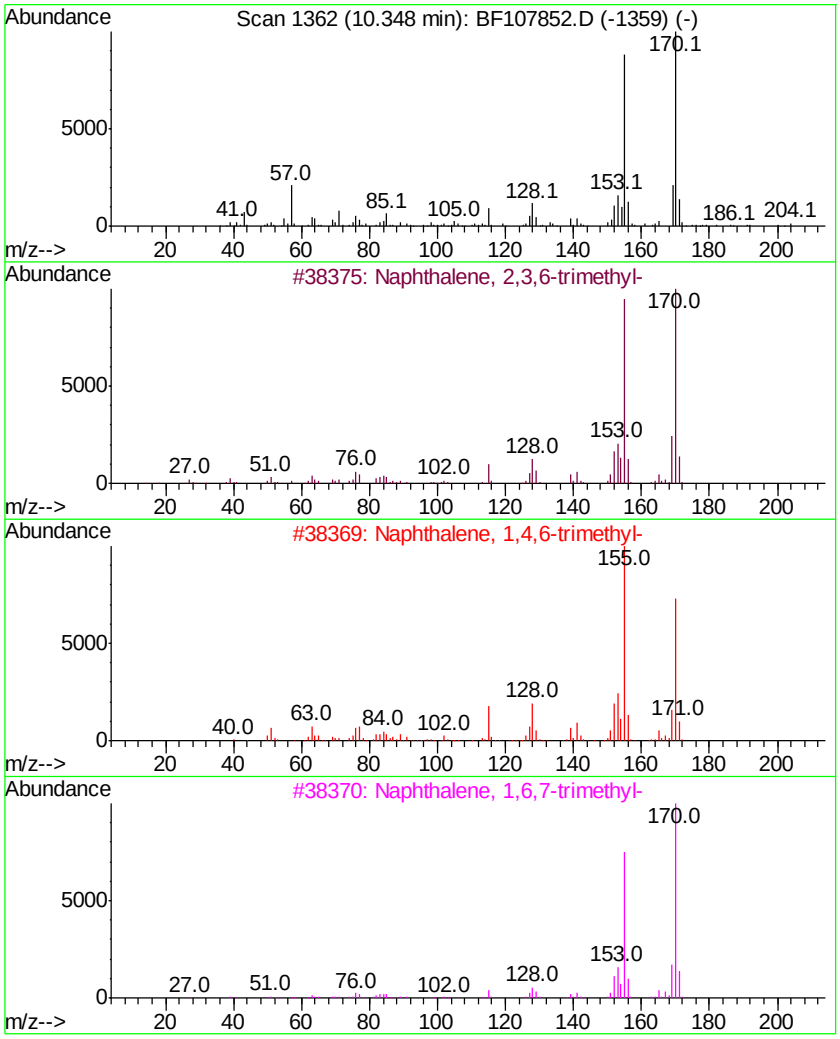
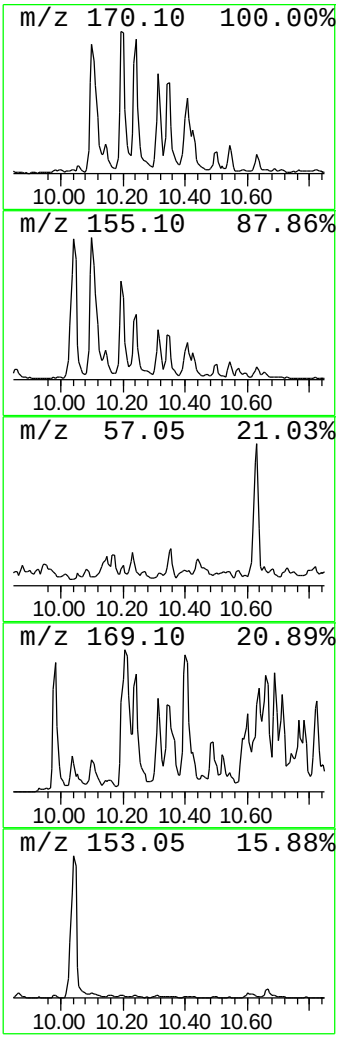
Peak Number 9 Naphthalene, 2,3,6-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	6.94 ng	379948	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	94
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	87





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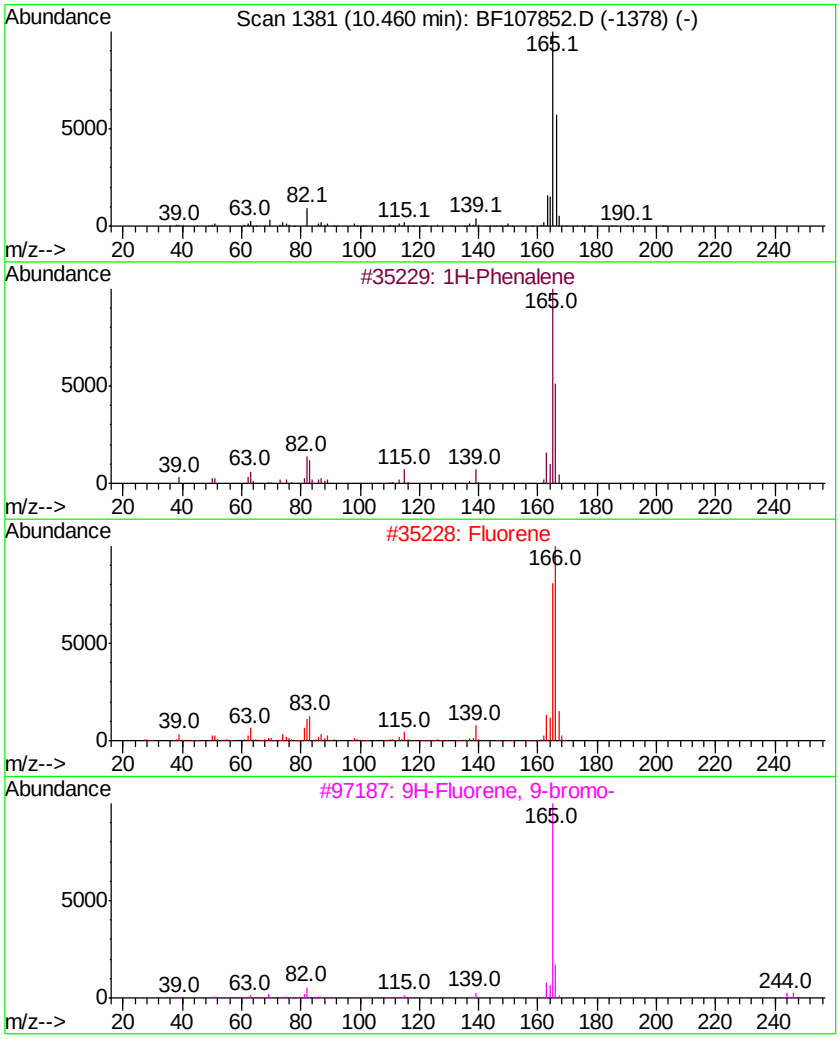
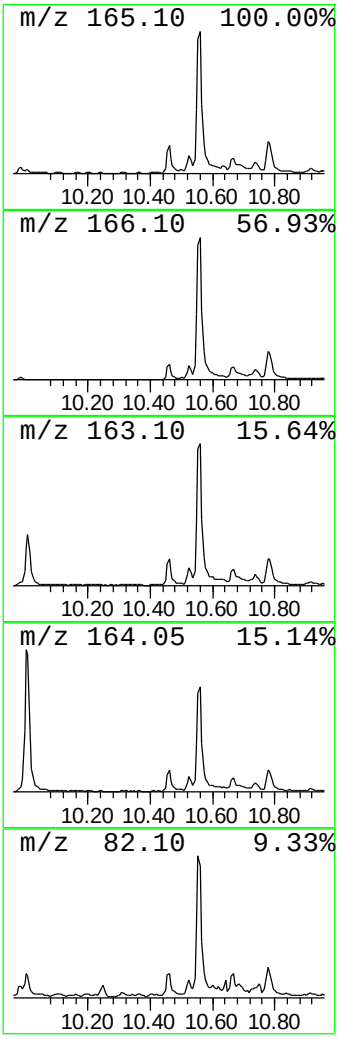
Peak Number 10 1H-Phenalene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.46	9.16 ng	501361	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Phenalene	166	C13H10	000203-80-5	78
2	Fluorene	166	C13H10	000086-73-7	50
3	9H-Fluorene, 9-bromo-	244	C13H9Br	001940-57-4	42
4	1,6-Dimethyl[1,2,4]triazolo[3,4-...	165	C6H7N5O	1000146-89-4	37
5	Spiro[4.5]decane-6,10-dione	166	C10H14O2	006684-66-8	10





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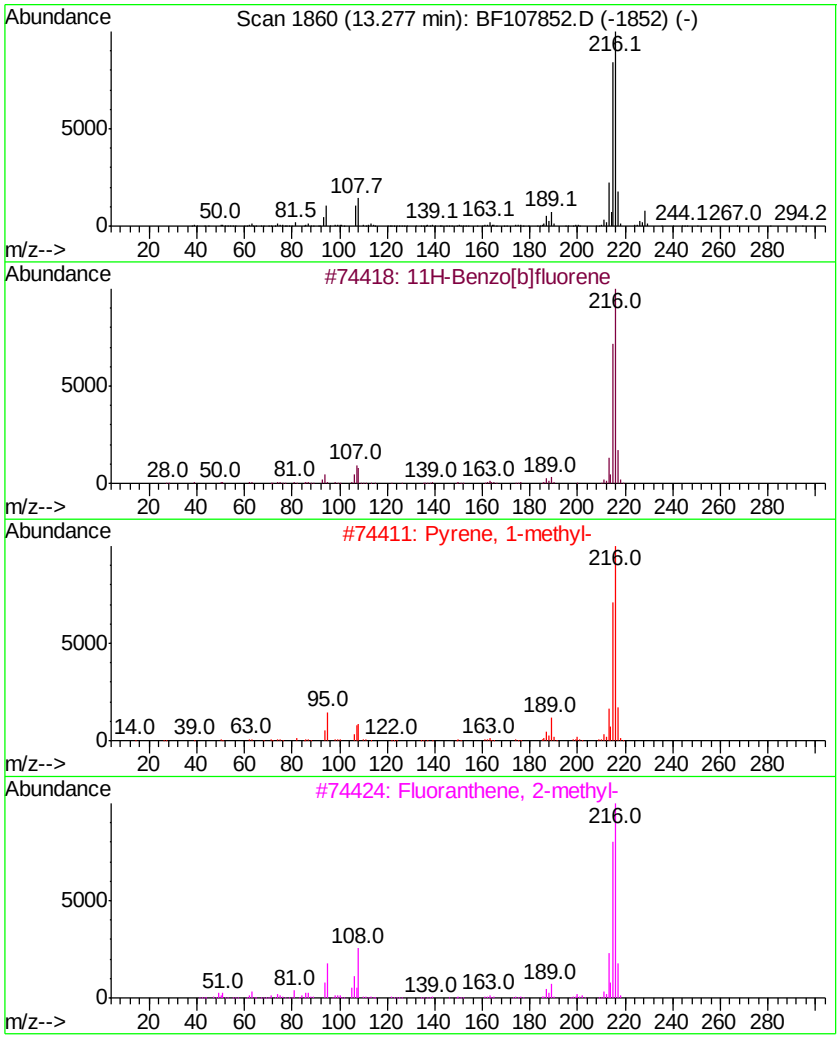
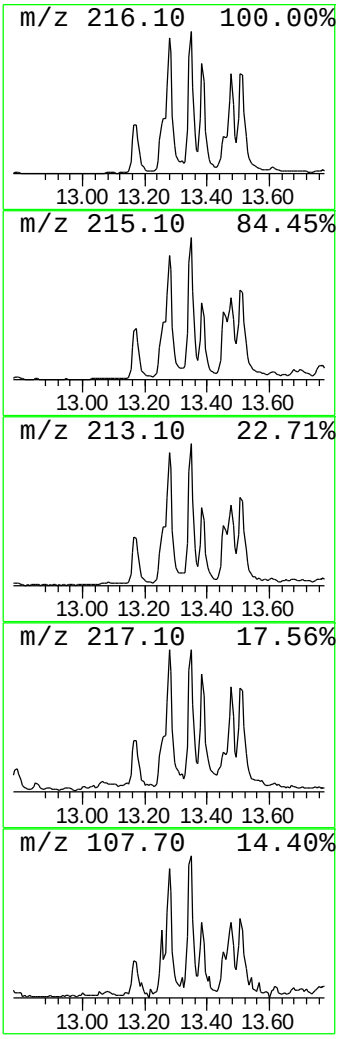
Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.28	6.70 ng	2741490	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	53





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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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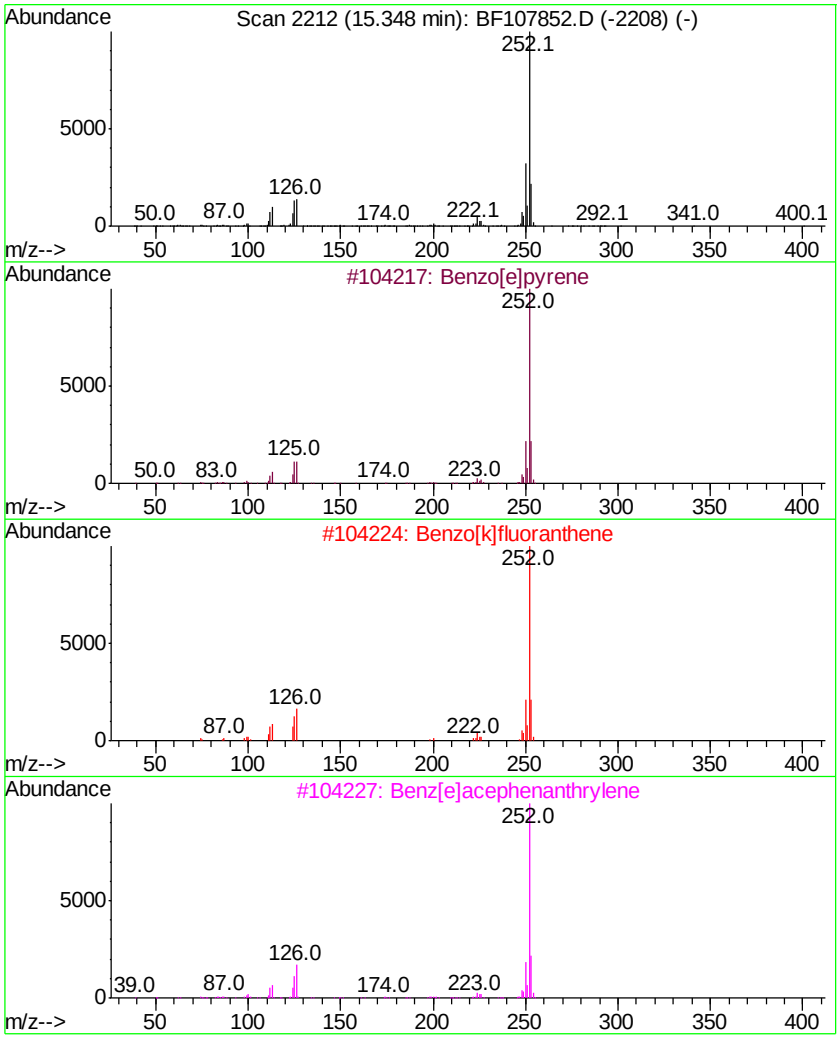
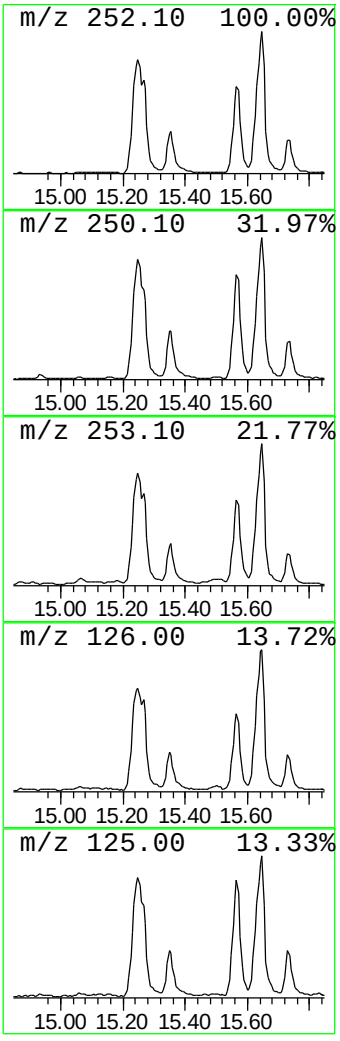
Peak Number 13 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.35	31.80 ng	1729670	Perylene-d12	15.70

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	97
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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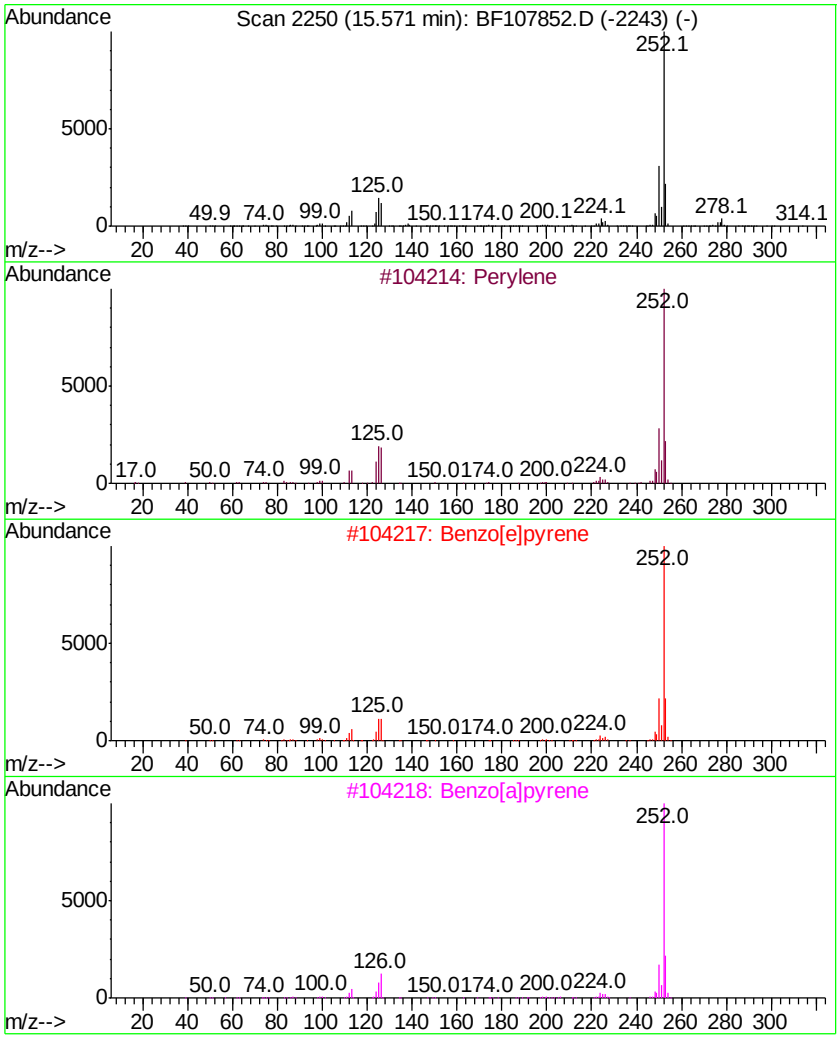
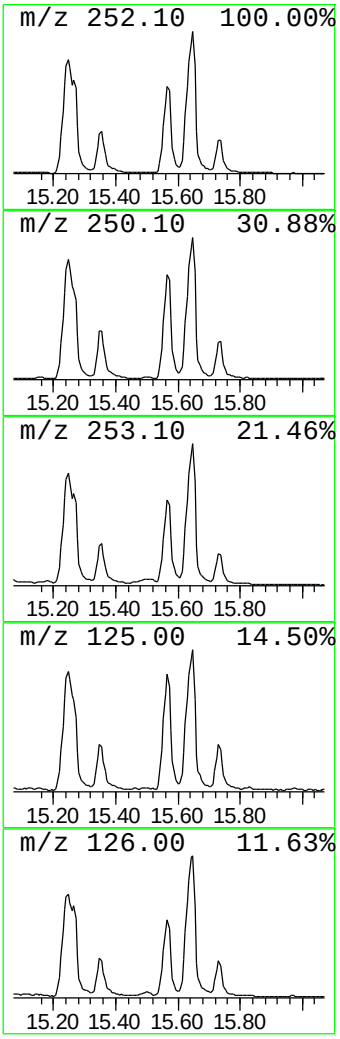
Peak Number 14 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	71.63 ng	3896250	Perylene-d12	15.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	99
2	Benzo[e]pyrene	252	C20H12	000192-97-2	98
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90





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

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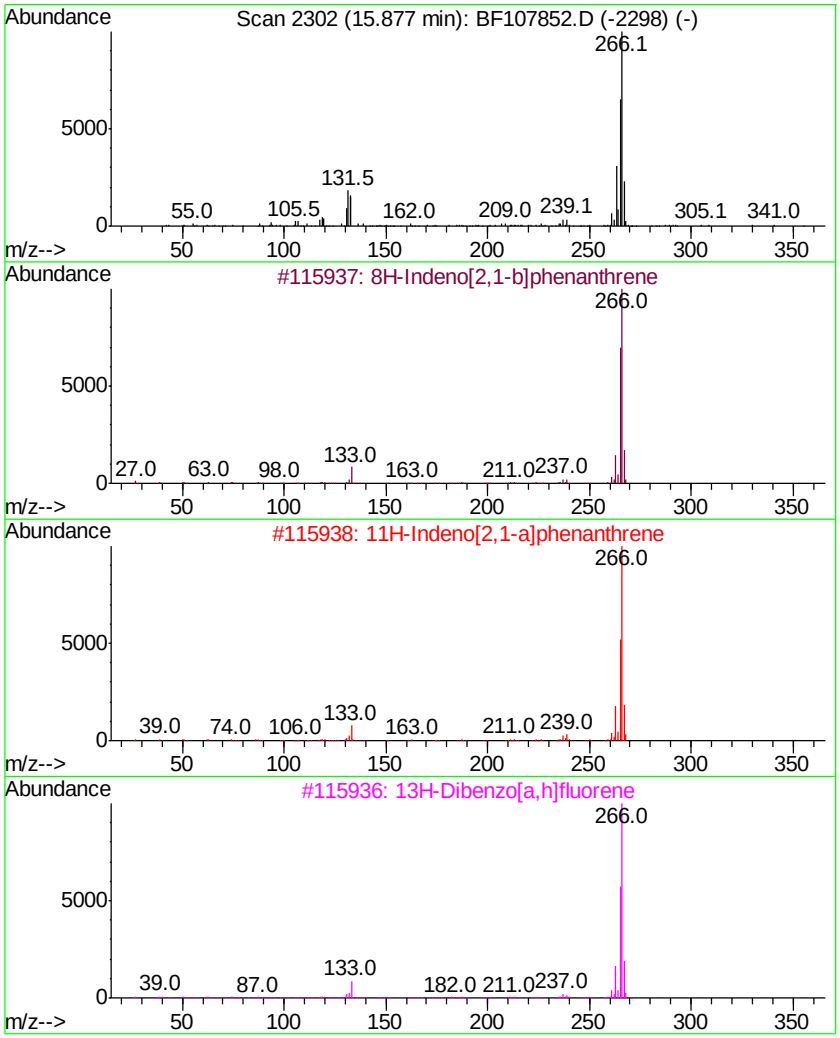
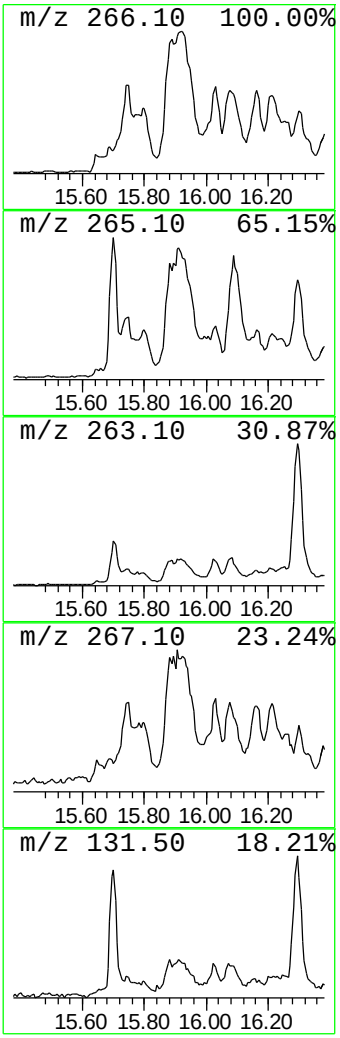
Peak Number 15 8H-Indeno[2,1-b]phenanthrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	7.95 ng	432655	Perylene-d12	15.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	87
2	11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	81
3	13H-Dibenzo[a,h]fluorene	266	C21H14	000239-85-0	81
4	4H-1-Benzopyran-4-one, 3-hydroxy...	266	C17H14O3	078396-37-9	59
5	10-Methylbenzo(a)pyrene	266	C21H14	063104-32-5	58





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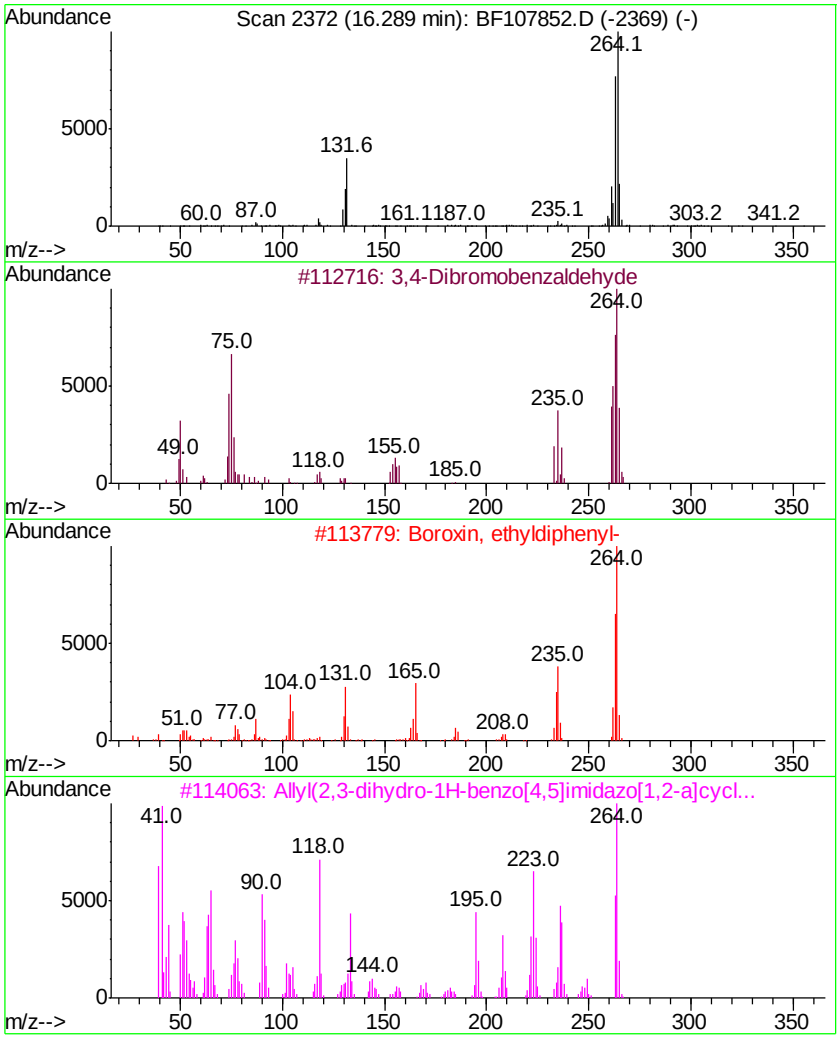
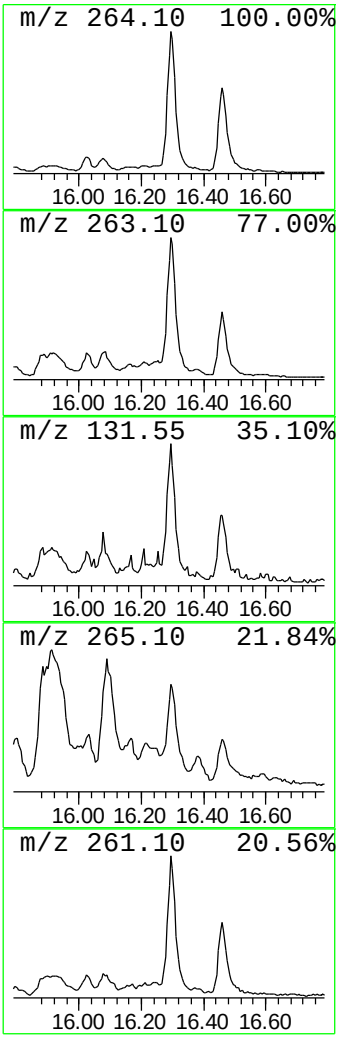
Peak Number 16 3,4-Dibromobenzaldehyde Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	20.99 ng	1141650	Perylene-d12	15.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dibromobenzaldehyde	262	C7H4Br2O	074003-55-7	72
2	Boroxin, ethyldiphenyl-	264	C14H15B3O3	1000151-82-0	64
3	Allyl(2,3-dihydro-1H-benzo[4,5]i...	264	C16H16N4	1000322-09-2	42
4	1H-Pyrazole-4-carbonitrile, 3-(4...	263	C12H10ClN3S	068364-67-0	38
5	Iron, (.eta.-5-cyclopentadienyl)...	264	C16H16Fe	1000155-06-6	32





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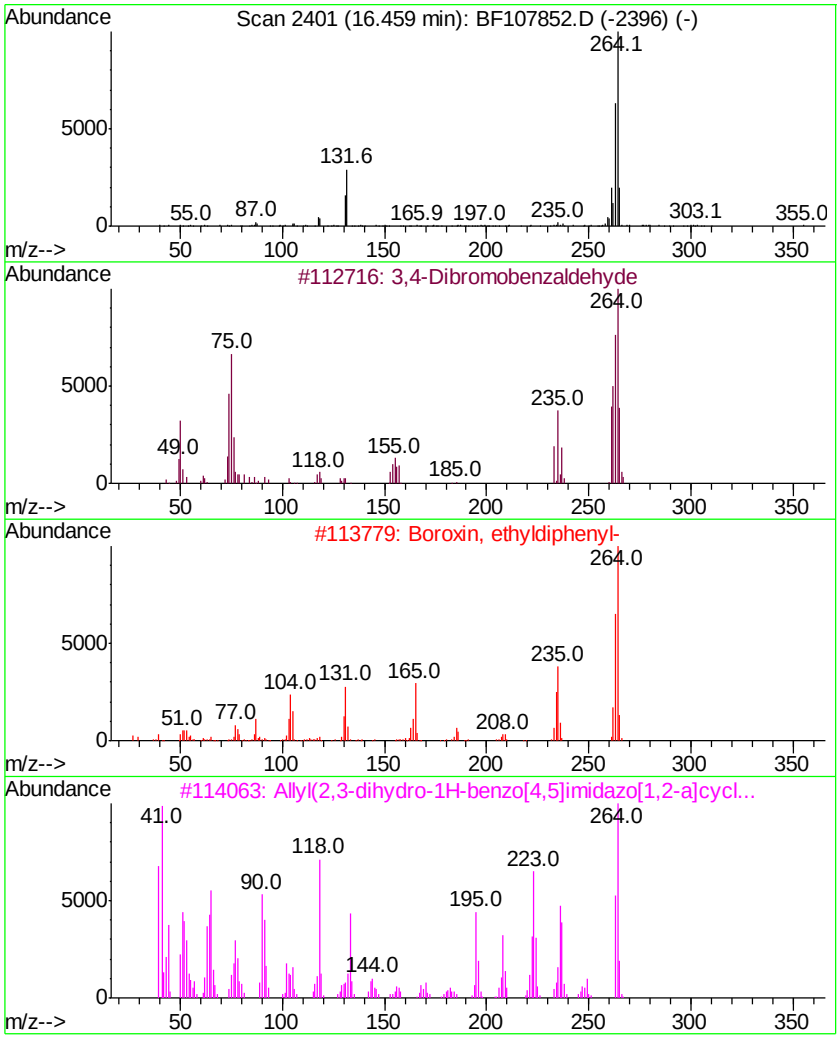
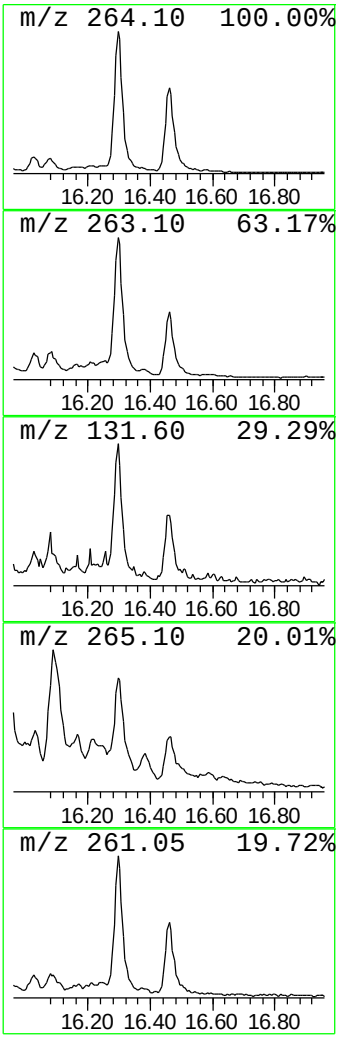
Peak Number 17 unknown16.46 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	10.97 ng	596669	Perylene-d12	15.70

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	45
3	Allyl(2,3-dihydro-1H-benzo[4,5]i...	264	C16H16N4	1000322-09-2	40
4	Iron, (.eta.-5-cyclopentadienyl)...	264	C16H16Fe	1000155-06-6	28
5	7-Carbomethoxy-5,8-dimethoxy-1-t...	264	C14H16O5	122136-07-6	25





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Acq On : 31 Jul 2018 16:33
Operator : JU/SJ
Sample : J4231-09 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-14-5

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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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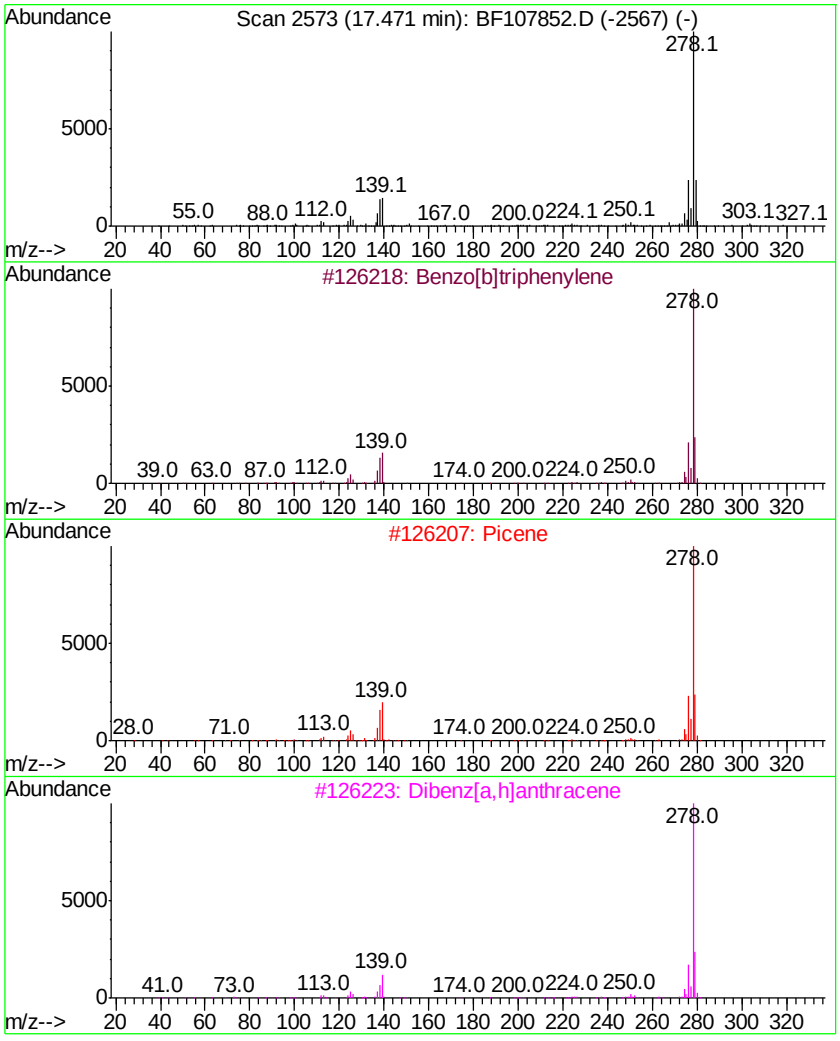
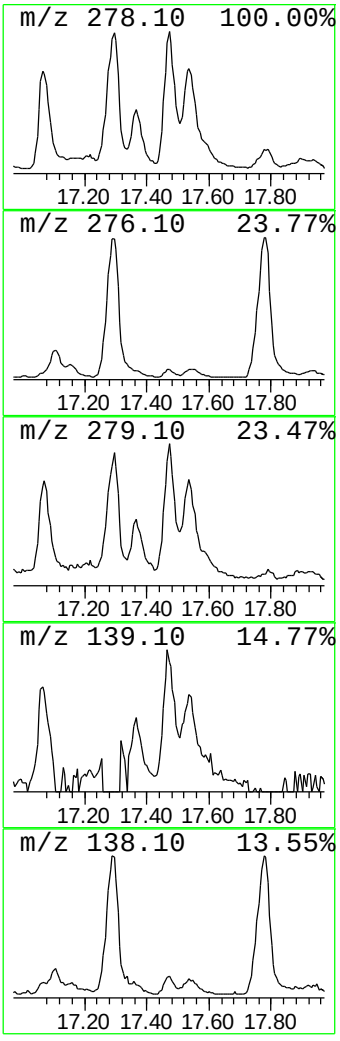
Peak Number 18 Benzo[b]triphenylene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.47	12.79 ng	695623	Perylene-d12	15.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	98
2	Picene	278	C22H14	000213-46-7	98
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	97
4	Benzo[b]chrysene	278	C22H14	000214-17-5	95
5	p-Bis(phenylethynyl)benzene	278	C22H14	001849-27-0	93





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Data File : BF107852.D
Acq On : 31 Jul 2018 16:33
Operator : JU/SJ
Sample : J4231-09 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-14-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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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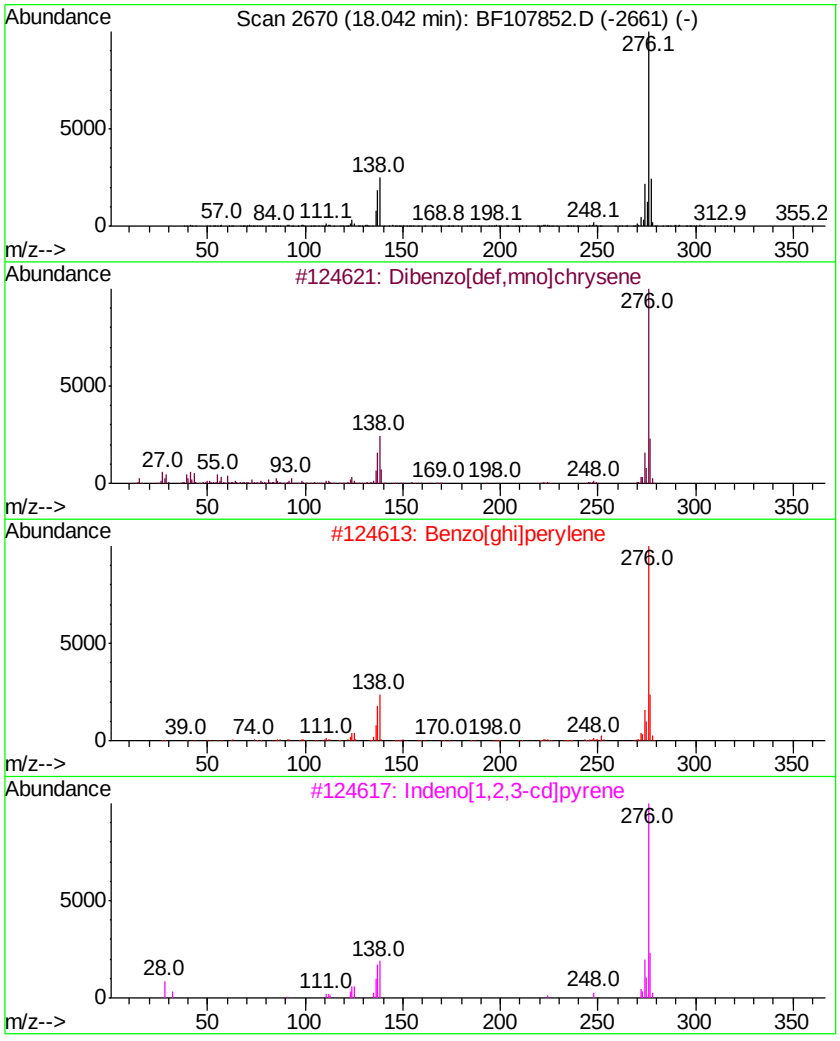
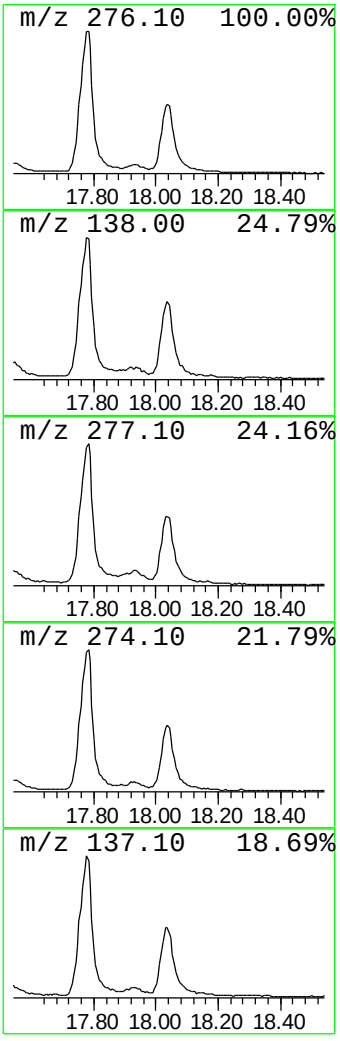
Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	35.09 ng	1908740	Perylene-d12	15.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	94
2	Benzo[ghi]perylene	276	C22H12	000191-24-2	94
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	72
4	Naphthalen-1-yl-(3-nitro-benzyli...	276	C17H12N2O2	200421-53-0	47
5	2-Dodecyl-p-cresol	276	C19H32O	025912-91-8	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073118\
Data File : BF107852.D
Acq On : 31 Jul 2018 16:33
Operator : JU/SJ
Sample : J4231-09 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-14-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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
Naphthalene, 1-me...	9.05	16.3	ng	800275	2	8.24	984684	20.0
Naphthalene, 1-et...	9.52	9.7	ng	528271	3	10.00	1094230	20.0
Naphthalene, 2,7-...	9.59	20.7	ng	1131680	3	10.00	1094230	20.0
Naphthalene, 1,5-...	9.66	25.5	ng	1395080	3	10.00	1094230	20.0
Tetradecane, 2,6,...	9.70	8.5	ng	465029	3	10.00	1094230	20.0
Naphthalene, 1,6-...	9.78	13.2	ng	720353	3	10.00	1094230	20.0
Naphthalene, 2-(1...	10.10	12.8	ng	700801	3	10.00	1094230	20.0
Naphthalene, 1,6,...	10.31	6.9	ng	378988	3	10.00	1094230	20.0
Naphthalene, 2,3,...	10.35	6.9	ng	379948	3	10.00	1094230	20.0
1H-Phenalene	10.46	9.2	ng	501361	3	10.00	1094230	20.0
11H-Benzo[b]fluorene	13.28	6.7	ng	2741490	5	14.16	8185790	20.0
Benzo[e]pyrene	15.35	31.8	ng	1729670	6	15.70	1087890	20.0
Perylene	15.57	71.6	ng	3896250	6	15.70	1087890	20.0
8H-Indeno[2,1-b]p...	15.88	8.0	ng	432655	6	15.70	1087890	20.0
3,4-Dibromobenzal...	16.29	21.0	ng	1141650	6	15.70	1087890	20.0
unknown16.46	16.46	11.0	ng	596669	6	15.70	1087890	20.0
Benzo[b]triphenylene	17.47	12.8	ng	695623	6	15.70	1087890	20.0
Dibenzo[def,mno]c...	18.04	35.1	ng	1908740	6	15.70	1087890	20.0