LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073118\
Data File : BF107856.D
Acq On : 31 Jul 2018 18:20
Operator : JU/SJ
Sample : J4231-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-14-7

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	5.195	482	486	498	rBV	478528	620263	8.35%	0.513%
2	5.601	551	555	581	rBV	2179002	3149812	42.42%	2.607%
3	6.601	721	725	744	rBV	2072205	3222966	43.40%	2.668%
4	6.736	744	748	754	rBV	2870650	3136594	42.24%	2.596%
5	6.960	783	786	806	rBV	514621	893822	12.04%	0.740%
6	7.113	809	812	824	rVV	2337751	2846261	38.33%	2.356%
7	7.525	879	882	903	rBV	1229532	2148614	28.93%	1.779%
8	7.972	954	958	964	rBV2	93460	156666	2.11%	0.130%
9	8.242	1001	1004	1005	rBV	958021	815137	10.98%	0.675%
10	8.266	1005	1008	1015	rVB	3204957	3363251	45.29%	2.784%
11	8.954	1121	1125	1137	rBV	2126700	2522320	33.97%	2.088%
12	9.054	1138	1142	1153	rVB	1871988	1870255	25.19%	1.548%
13	9.313	1182	1186	1195	rBV	3254611	3386467	45.60%	2.803%
14	9.419	1201	1204	1215	rBV	863463	968767	13.05%	0.802%
15	9.513	1215	1220	1227	rVV	1366991	1406994	18.95%	1.165%
16	9.583	1227	1232	1236	rVV	537534	791504	10.66%	0.655%
17	9.619	1236	1238	1241	rVV	142798	171929	2.32%	0.142%
18	9.654	1241	1244	1247	rVV	915416	1001969	13.49%	0.829%
19	9.683	1247	1249	1251	rVV	479116	507315	6.83%	0.420%
20	9.707	1251	1253	1260	rVV	313074	381780	5.14%	0.316%
21	9.772	1260	1264	1272	rVB	381163	549409	7.40%	0.455%
22	9.860	1276	1279	1285	rBV2	530373	545792	7.35%	0.452%
23	9.977	1296	1299	1300	rBV	339072	271479	3.66%	0.225%
24	10.001	1300	1303	1305	rVV	985053	944369	12.72%	0.782%
25	10.036	1305	1309	1317	rVV	4414119	4808659	64.76%	3.980%
26	10.095	1317	1319	1324	rVB2	121358	177142	2.39%	0.147%
27	10.195	1333	1336	1341	rBV2	236123	435120	5.86%	0.360%
28	10.236	1341	1343	1347	rVB	243744	226472	3.05%	0.187%
29	10.313	1352	1356	1359	rBV	281583	374370	5.04%	0.310%
30	10.342	1359	1361	1367	rVB2	173847	225248	3.03%	0.186%
31	10.407	1367	1372	1374	rBV3	165155	226261	3.05%	0.187%
32	10.454	1377	1380	1385	rBV	303132	339976	4.58%	0.281%
33	10.524	1389	1392	1393	rBV	213428	198122	2.67%	0.164%
34	10.554	1393	1397	1403	rVV	1802238	1871438	25.20%	1.549%

LSC Area Percent Report

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Acq On : 31 Jul 2018 18:20
Operator : JU/SJ
Sample : J4231-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-14-7

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

35	10.630	1406	1410	1413	rVB4	140545	199902	2.69%	0.165%
36	10.660	1413	1415	1418	rBV	269634	237417	3.20%	0.197%
37	10.736	1425	1428	1432	rVB	122738	175808	2.37%	0.146%
38	10.795	1432	1438	1444	rBV3	1484980	2020592	27.21%	1.673%
39	10.895	1450	1455	1457	rBV	110909	149165	2.01%	0.123%
40	11.101	1481	1490	1493	rBV	311070	508950	6.85%	0.421%
41	11.124	1493	1494	1497	rVV	169639	168477	2.27%	0.139%
42	11.183	1501	1504	1506	rVV	161759	158660	2.14%	0.131%
43	11.395	1536	1540	1550	rVB	527391	684243	9.21%	0.566%
44	11.501	1554	1558	1559	rBV	702900	742244	10.00%	0.614%
45	11.530	1559	1563	1568	rVV	5576672	7425884	100.00%	6.147%
46	11.577	1568	1571	1592	rVV	1596912	2505768	33.74%	2.074%
47	11.742	1596	1599	1600	rVV2	109367	128864	1.74%	0.107%
48	11.783	1604	1606	1611	rVV	344479	369976	4.98%	0.306%
49	11.830	1611	1614	1622	rVV3	187972	271855	3.66%	0.225%
50	12.001	1639	1643	1645	rBV	933810	981625	13.22%	0.813%
51	12.030	1645	1648	1653	rVB	925736	1010560	13.61%	0.837%
52	12.077	1653	1656	1659	rBV	324706	305118	4.11%	0.253%
53	12.113	1659	1662	1665	rBV2	1503279	1848916	24.90%	1.530%
54	12.295	1689	1693	1697	rBV	779933	830872	11.19%	0.688%
55	12.330	1697	1699	1703	rVB3	141304	152228	2.05%	0.126%
56	12.548	1733	1736	1739	rBV	441422	488024	6.57%	0.404%
57	12.589	1739	1743	1745	rVV2	240147	343154	4.62%	0.284%
58	12.648	1749	1753	1756	rVB2	134912	212554	2.86%	0.176%
59	12.724	1761	1766	1774	rBV	4664693	5809845	78.24%	4.809%
60	12.813	1778	1781	1788	rVB	1046636	1094338	14.74%	0.906%
61	12.871	1788	1791	1793	rBV	161257	171516	2.31%	0.142%
62	12.960	1798	1806	1810	rBV	4886251	6824311	91.90%	5.649%
63	13.077	1822	1826	1836	rVB	2307304	2726492	36.72%	2.257%
64	13.160	1836	1840	1846	rVB2	329943	552778	7.44%	0.458%
65	13.277	1852	1860	1865	rBV	940551	1523787	20.52%	1.261%
66	13.342	1868	1871	1874	rVV	868252	914795	12.32%	0.757%
67	13.383	1874	1878	1885	rVV2	577446	898879	12.10%	0.744%
68	13.448	1885	1889	1891	rVV2	258505	363660	4.90%	0.301%
69	13.471	1891	1893	1896	rVV	465941	498287	6.71%	0.412%
70	13.507	1896	1899	1908	rVB	519019	705725	9.50%	0.584%
71	13.701	1929	1932	1938	rVB3	135406	200231	2.70%	0.166%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J4231-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-14-7

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
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.759	1938	1942	1944	rBV2	133035	177905	2.40%	0.147%
73	13.789	1944	1947	1951	rVB	163338	200717	2.70%	0.166%
74	13.901	1963	1966	1968	rVV	368371	404429	5.45%	0.335%
75	13.924	1968	1970	1972	rVV	624700	543491	7.32%	0.450%
76	13.954	1972	1975	1981	rVB3	711469	915631	12.33%	0.758%
77	14.095	1997	1999	2002	rVV	720873	605624	8.16%	0.501%
78	14.148	2002	2008	2011	rVV2	3127892	4865705	65.52%	4.028%
79	14.183	2011	2014	2021	rVV	2405561	2898543	39.03%	2.399%
80	14.259	2024	2027	2032	rVV2	407640	508978	6.85%	0.421%
81	14.307	2032	2035	2041	rVV4	138764	223461	3.01%	0.185%
82	14.501	2065	2068	2069	rBV	162912	154617	2.08%	0.128%
83	14.536	2071	2074	2078	rVV2	538906	716686	9.65%	0.593%
84	14.571	2078	2080	2085	rVV2	314973	516897	6.96%	0.428%
85	14.636	2089	2091	2094	rVV	235411	270691	3.65%	0.224%
86	14.665	2094	2096	2098	rVV	263095	269344	3.63%	0.223%
87	14.689	2098	2100	2104	rVB	437637	418911	5.64%	0.347%
88	14.877	2128	2132	2133	rBV2	148454	185450	2.50%	0.154%
89	15.059	2160	2163	2167	rBV2	156286	180362	2.43%	0.149%
90	15.242	2187	2194	2208	rBV	1954914	5294354	71.30%	4.382%
91	15.348	2208	2212	2219	rVB	485548	720990	9.71%	0.597%
92	15.559	2243	2248	2255	rBV	1280681	1931487	26.01%	1.599%
93	15.630	2255	2260	2267	rBV	2047898	3492183	47.03%	2.891%
94	15.695	2267	2271	2274	rVV	660669	1059879	14.27%	0.877%
95	15.724	2274	2276	2283	rVB2	495722	740549	9.97%	0.613%
96	16.289	2368	2372	2382	rVB2	225986	441986	5.95%	0.366%
97	17.277	2532	2540	2550	rBV	751339	1880899	25.33%	1.557%
98	17.471	2567	2573	2578	rBV2	129132	308535	4.15%	0.255%
99	17.759	2615	2622	2631	rBV	509244	1403986	18.91%	1.162%
100	18.024	2661	2667	2682	rVB	230725	713793	9.61%	0.591%

Sum of corrected areas: 120808126

LSC Report - Integrated Chromatogram

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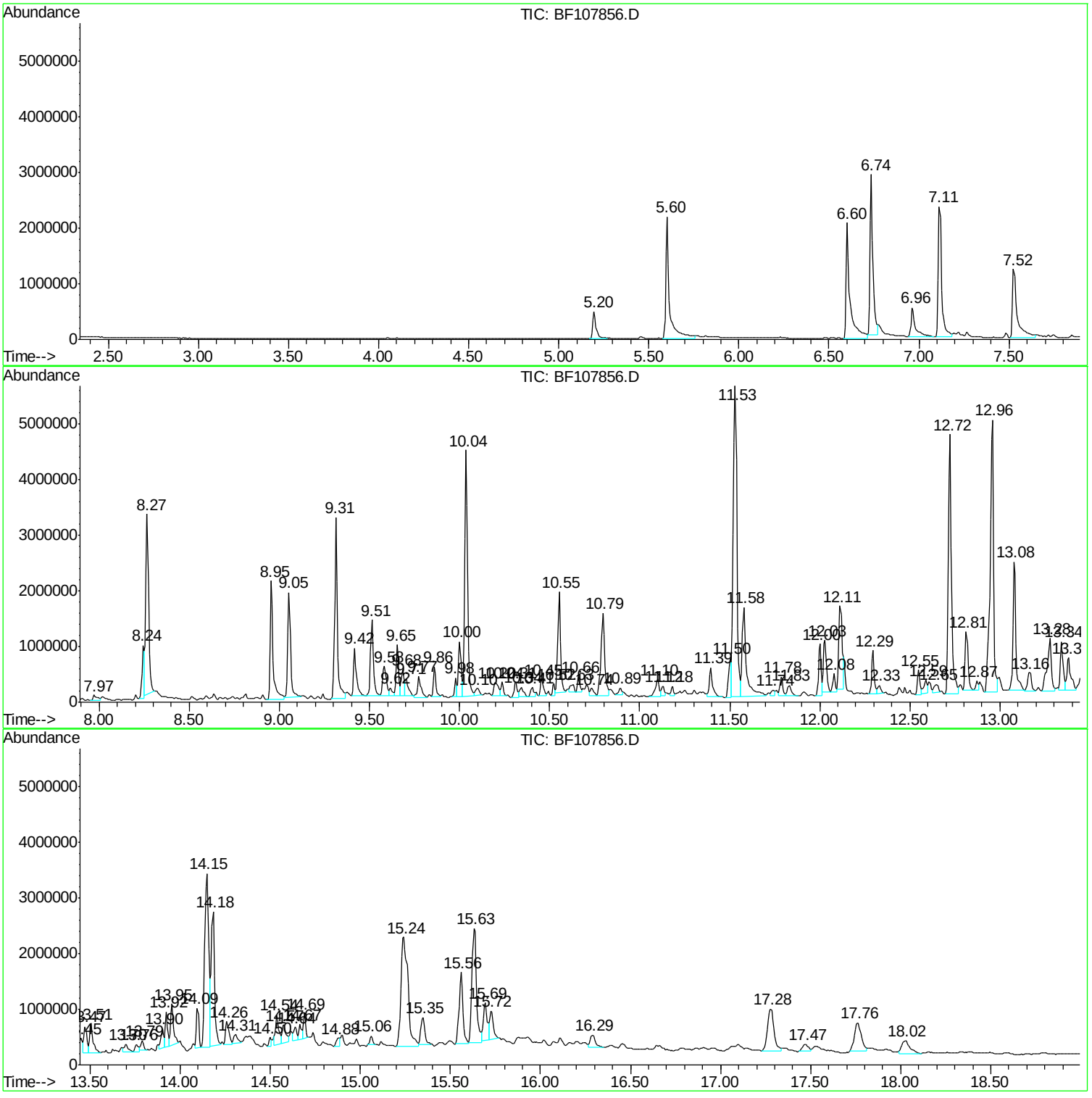
Data File : BF107856.D
Acq On : 31 Jul 2018 18:20
Operator : JU/SJ
Sample : J4231-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-7

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 : BF107856.D
Acq On : 31 Jul 2018 18:20
Operator : JU/SJ
Sample : J4231-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-14-7

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

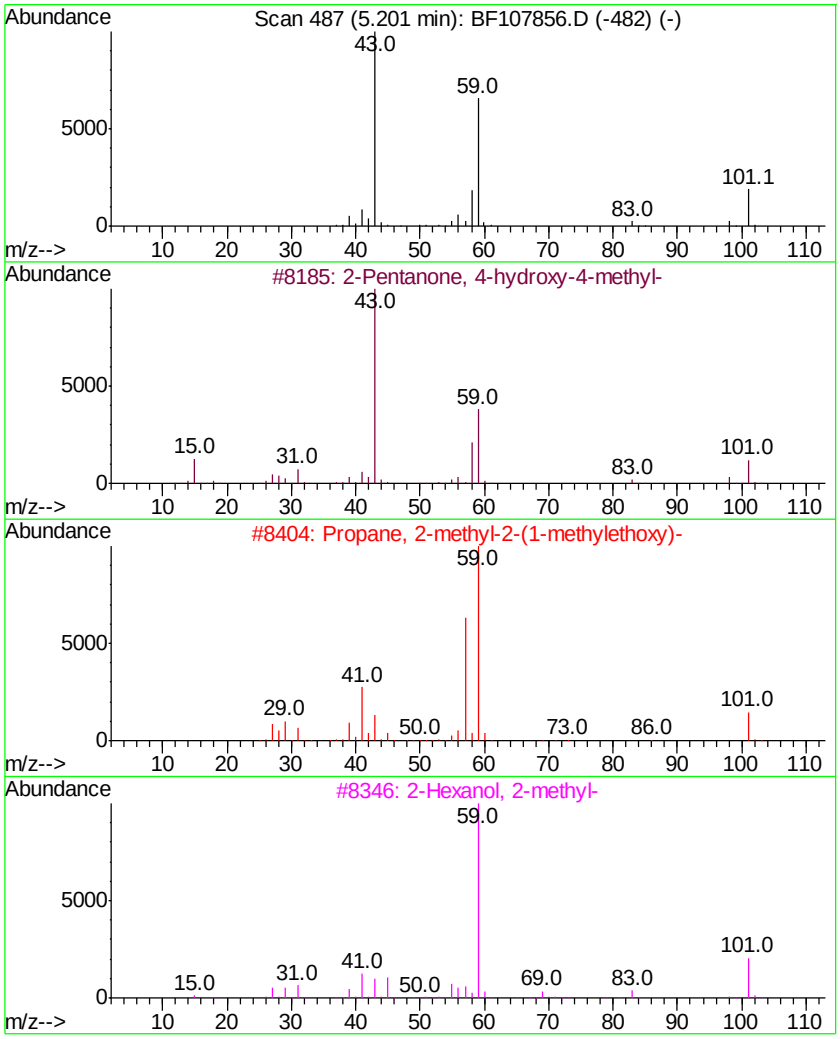
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

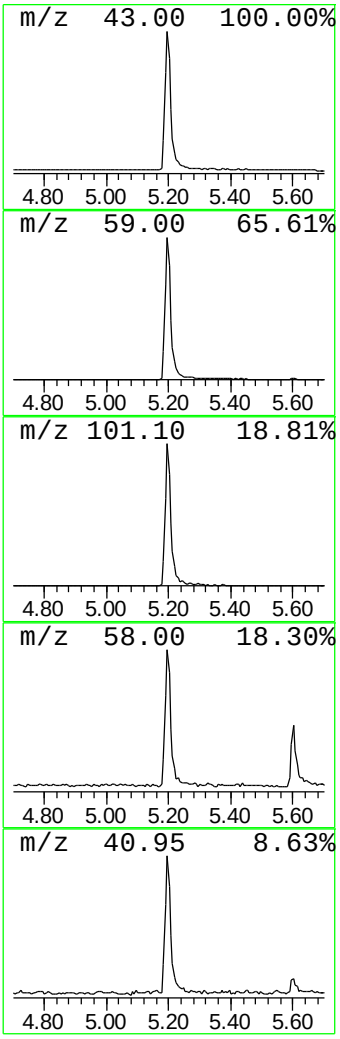
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	13.88 ng	620263	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	3-Octanol	130	C8H18O	000589-98-0	33
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28





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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
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

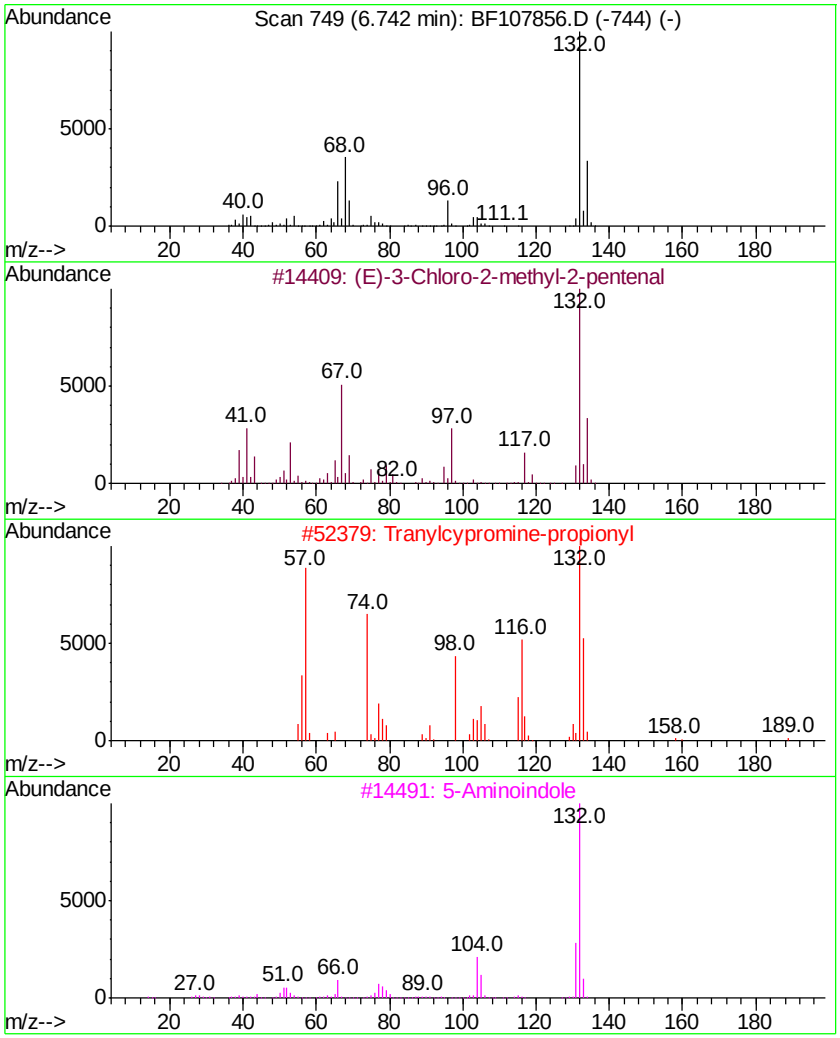
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

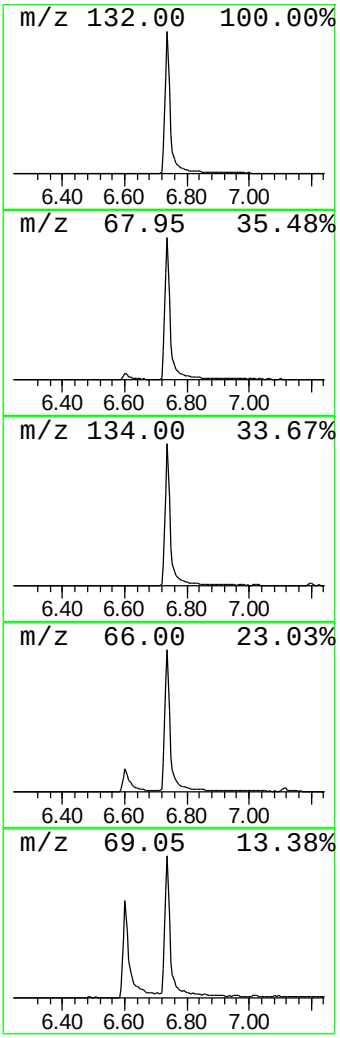
****

Peak Number 2 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	70.18 ng	3136590	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Library Search Compound Report

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Acq On : 31 Jul 2018 18:20
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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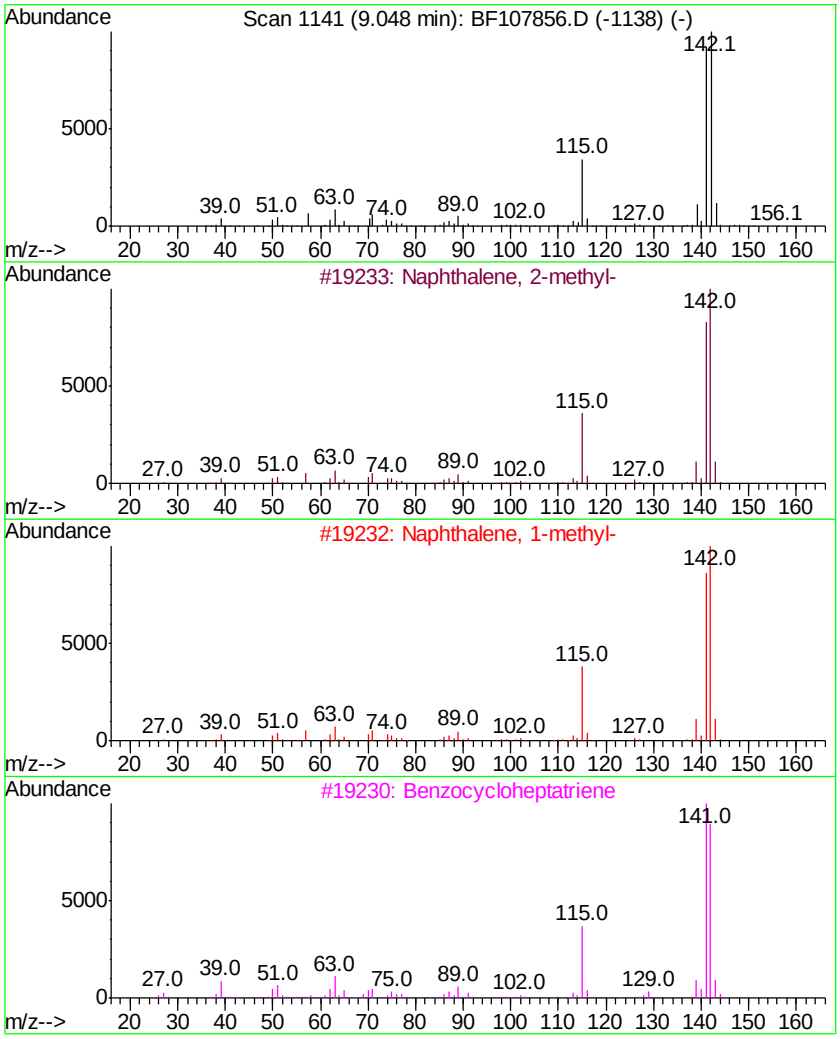
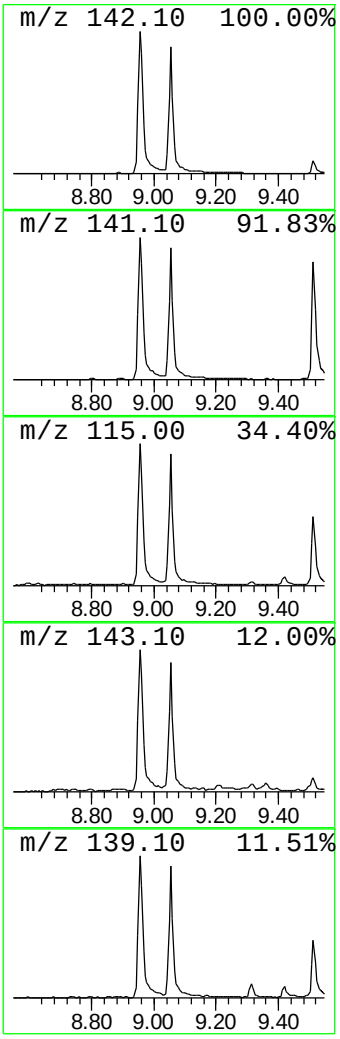
Peak Number 4 Naphthalene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	45.89 ng	1870260	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	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





Library Search Compound Report

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Data File : BF107856.D
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Operator : JU/SJ
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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

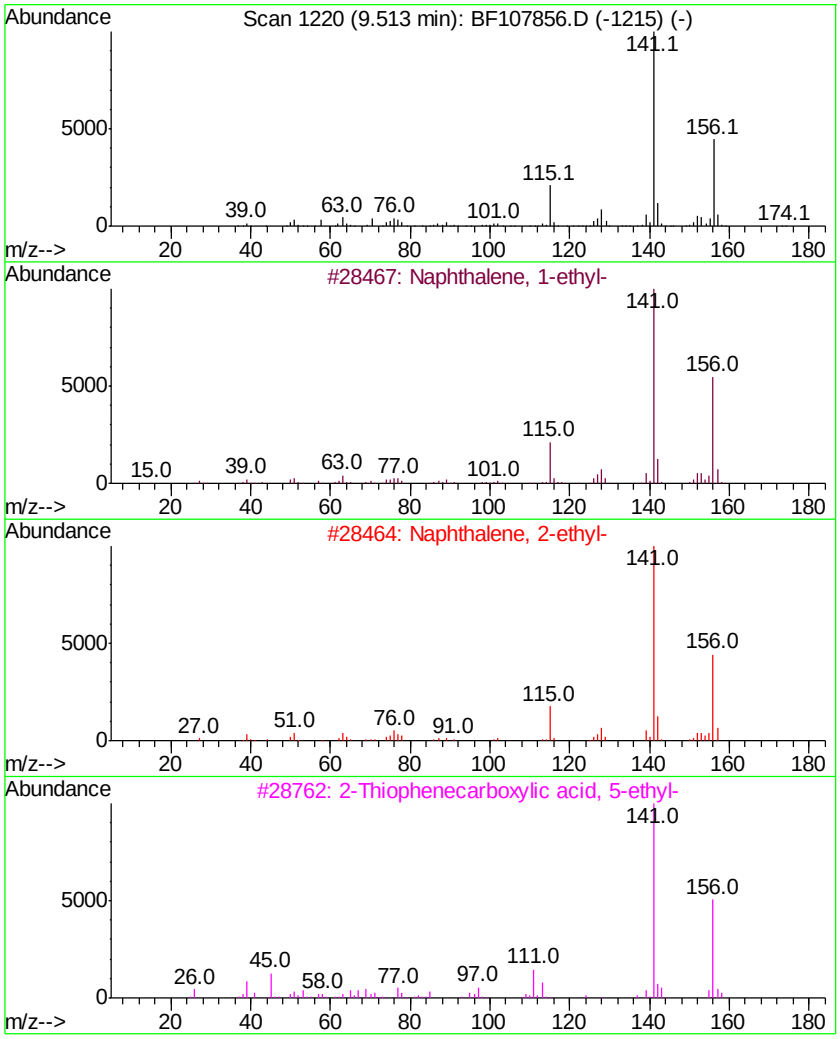
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

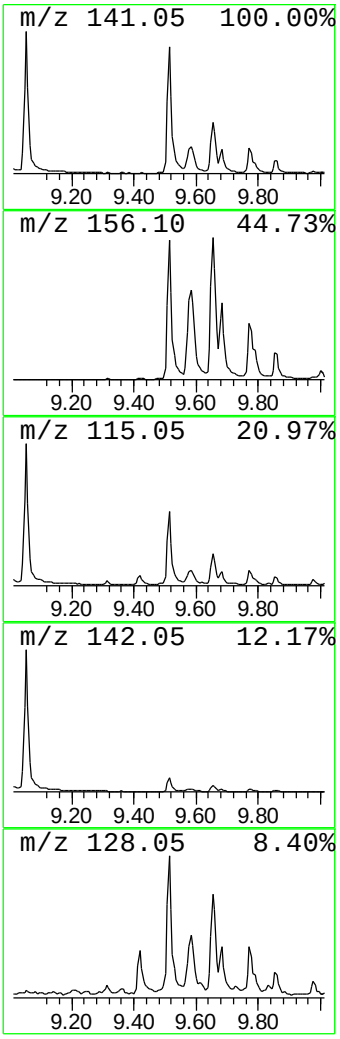
****

Peak Number 5 Naphthalene, 1-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	29.80 ng	1406990	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
3	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	72
4	1-Ethanone, 1-[4-(1-naphthalenyl...	276	C19H16O2	1000338-30-5	47
5	5-Acetyl-2-amino-4-methylthiazole	156	C6H8N2OS	030748-47-1	45





Library Search Compound Report

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Acq On : 31 Jul 2018 18:20
Operator : JU/SJ
Sample : J4231-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-7

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

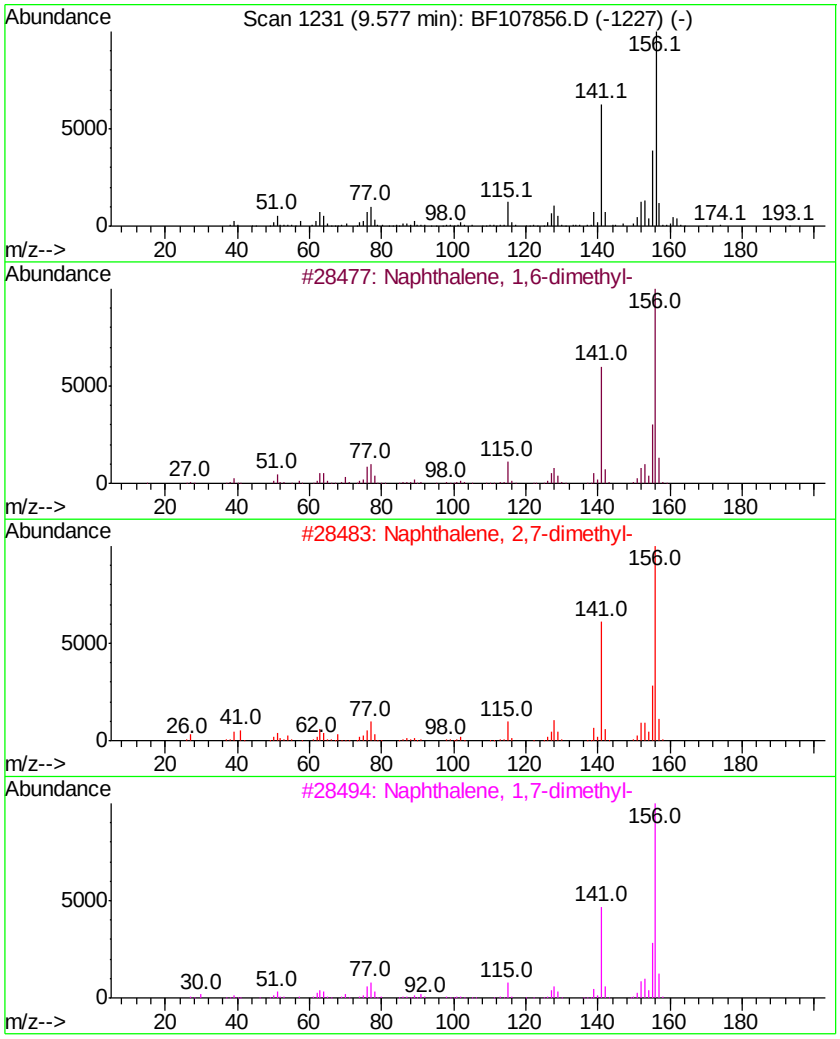
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

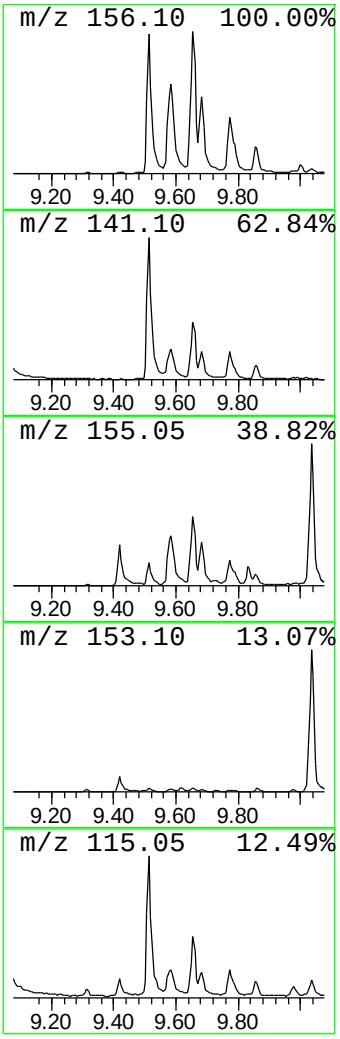
****

Peak Number 6 Naphthalene, 1,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	16.76 ng	791504	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, 2,7-dimethyl-	156	C12H12	000582-16-1	97
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





Library Search Compound Report

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Acq On : 31 Jul 2018 18:20
Operator : JU/SJ
Sample : J4231-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-7

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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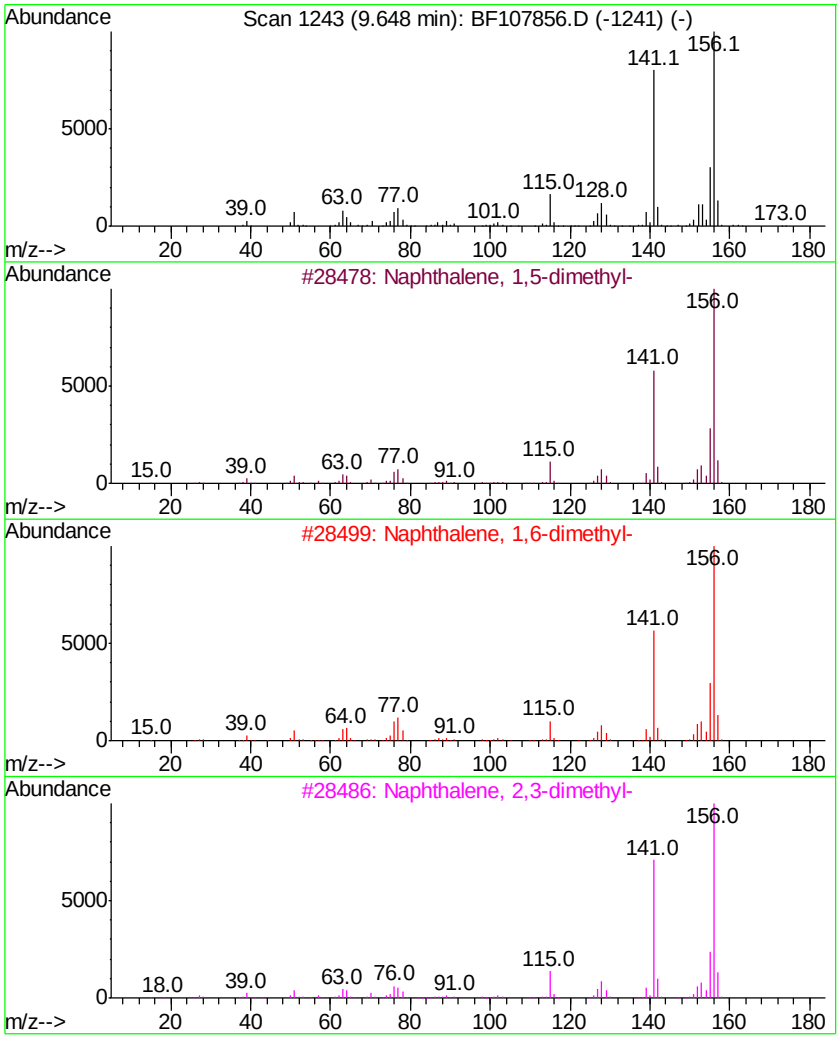
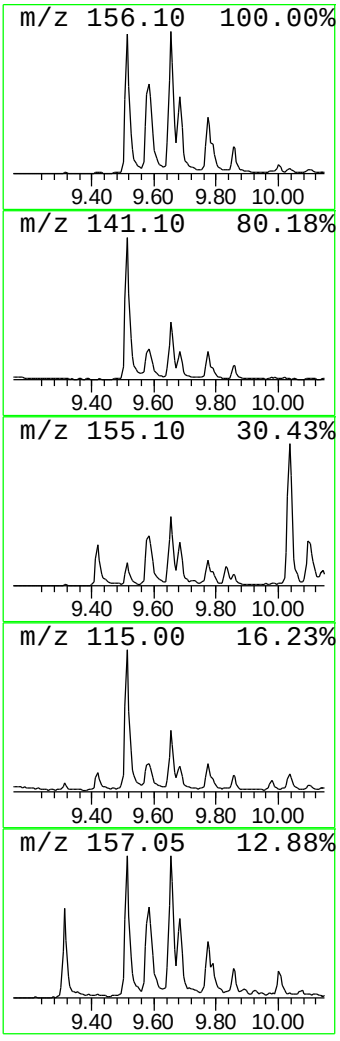
Peak Number 7 Naphthalene, 1,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	21.22 ng	1001970	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, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





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Sample : J4231-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-14-7

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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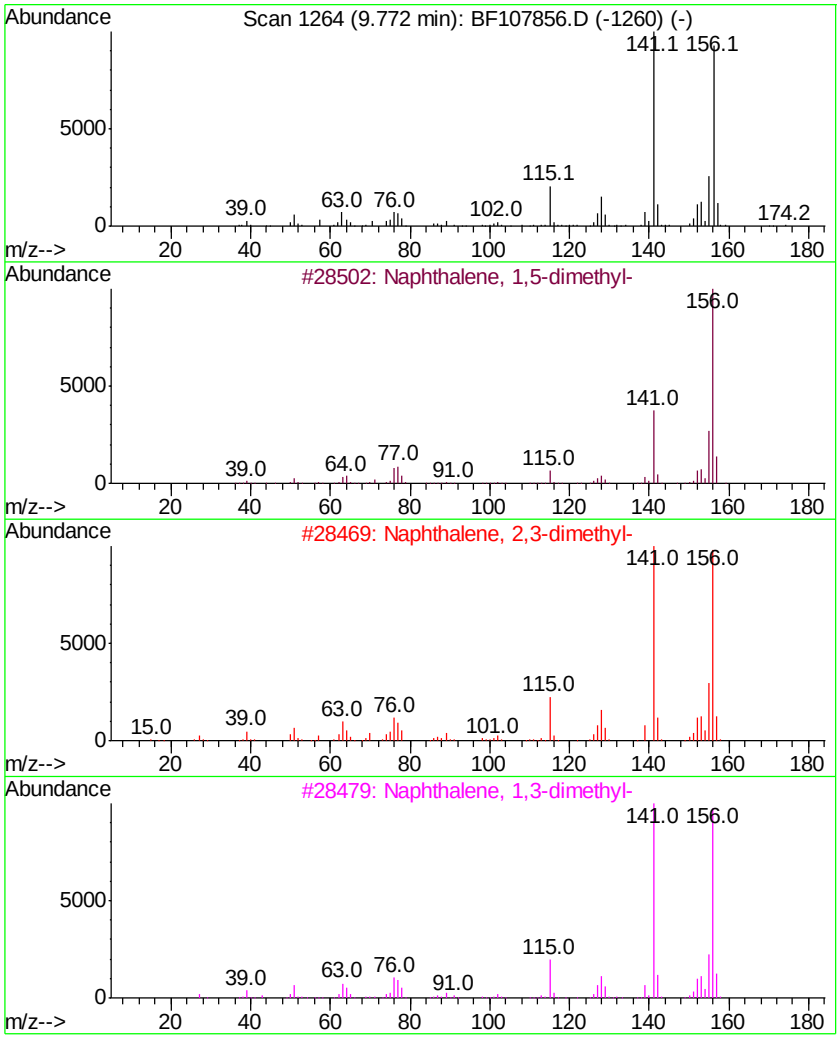
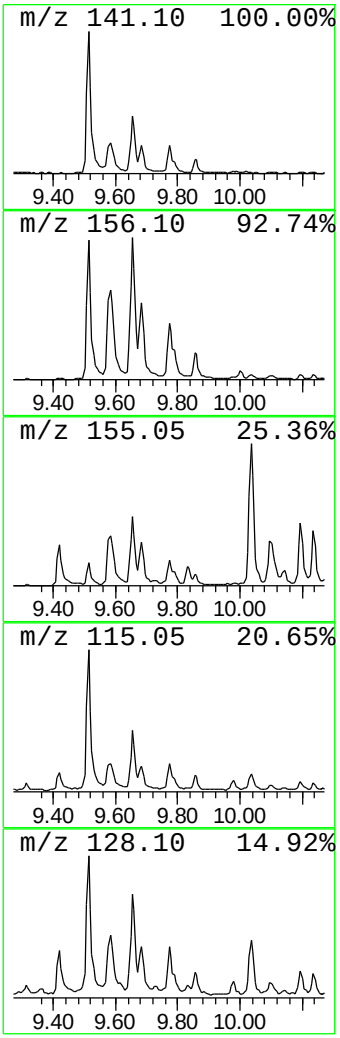
Peak Number 8 Naphthalene, 2,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	11.64 ng	549409	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	93





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

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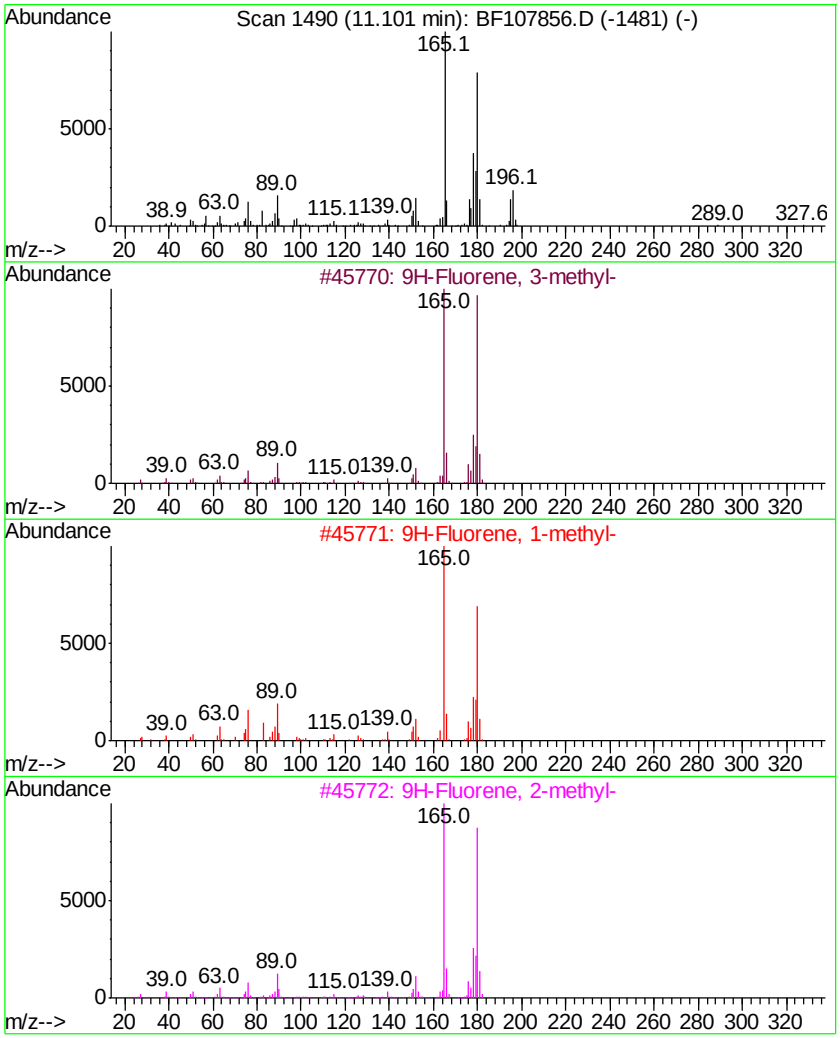
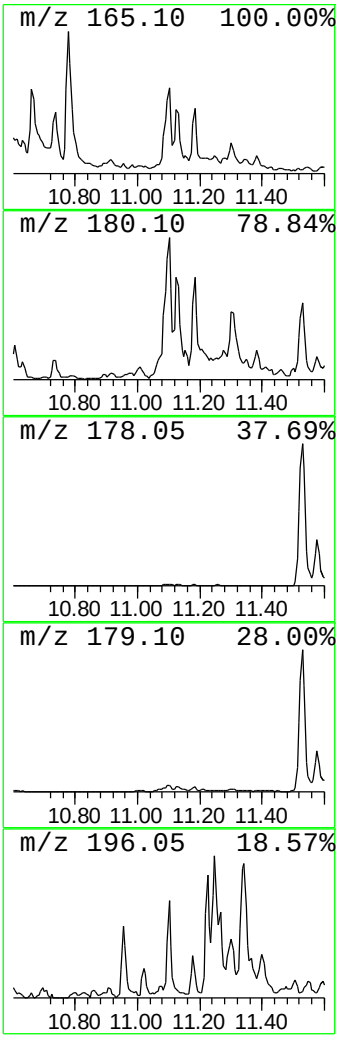
Peak Number 9 9H-Fluorene, 3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	13.71 ng	508950	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	89
4	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	86
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	76





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Sample : J4231-13
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Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-14-7

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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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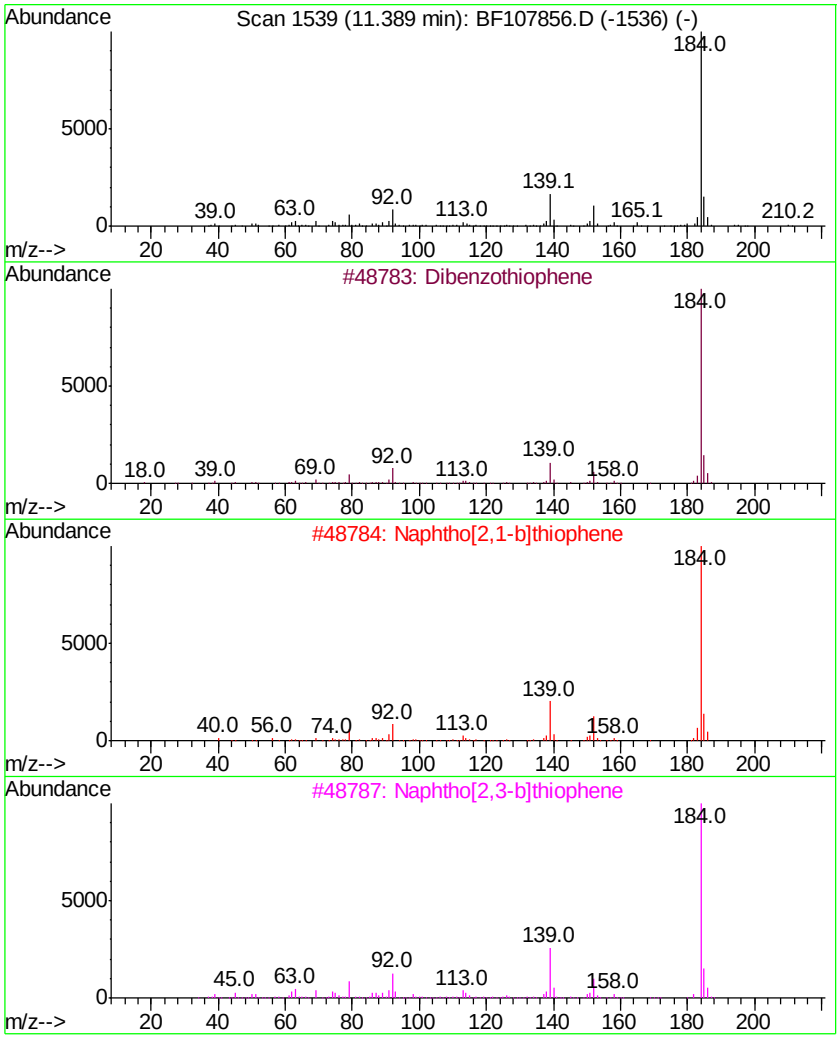
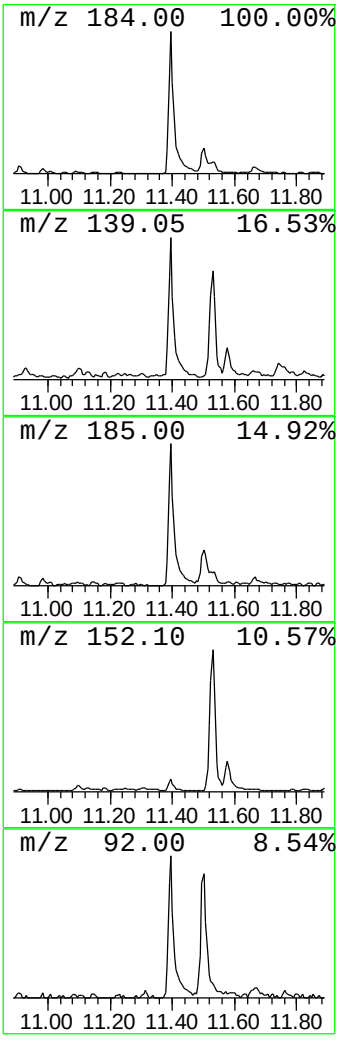
Peak Number 10 Dibenzothiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	18.44 ng	684243	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	90
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	87





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-14-7

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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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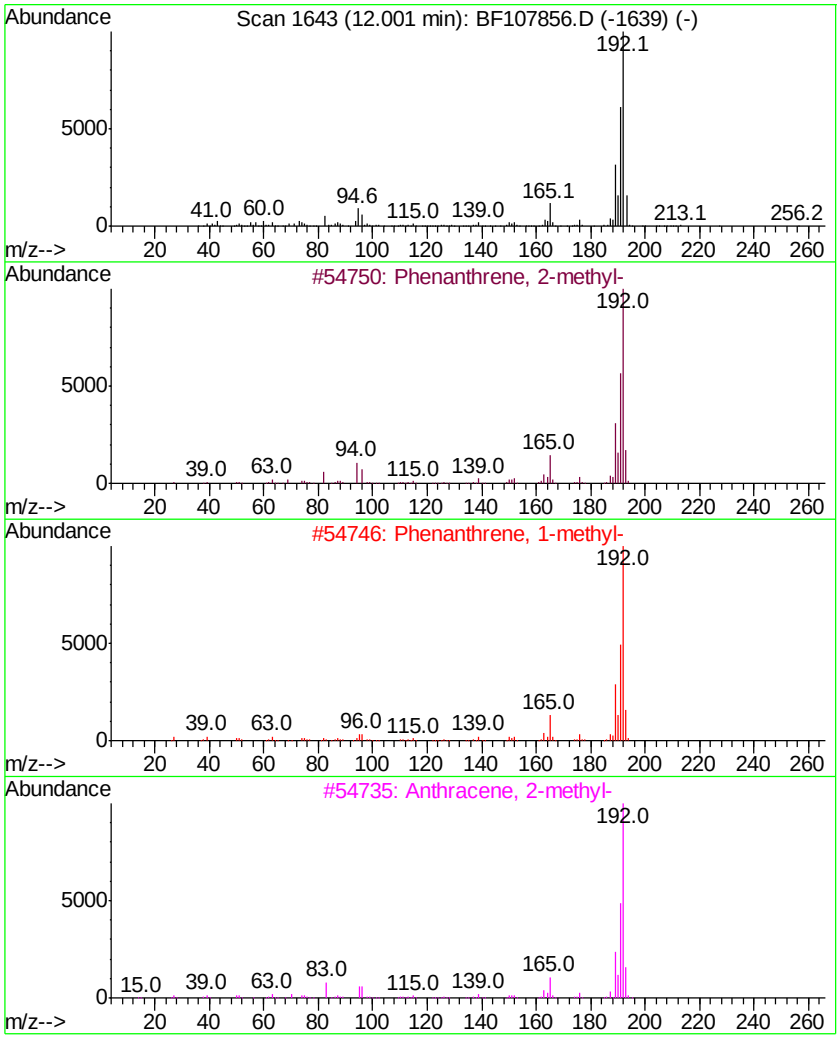
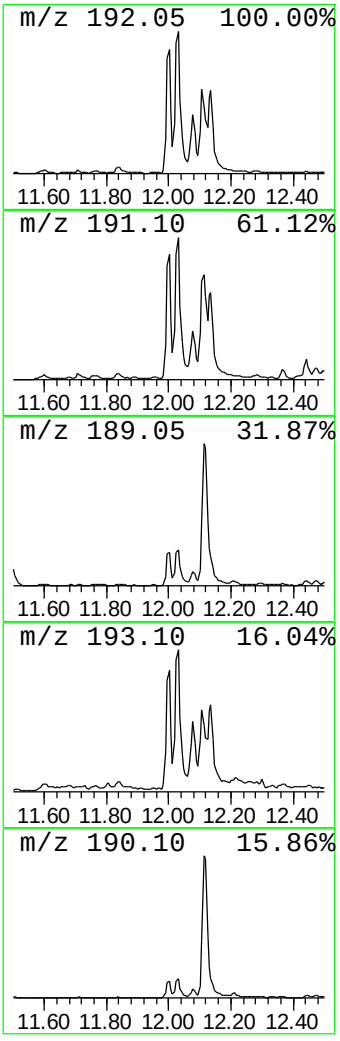
Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	26.45 ng	981625	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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Sample : J4231-13
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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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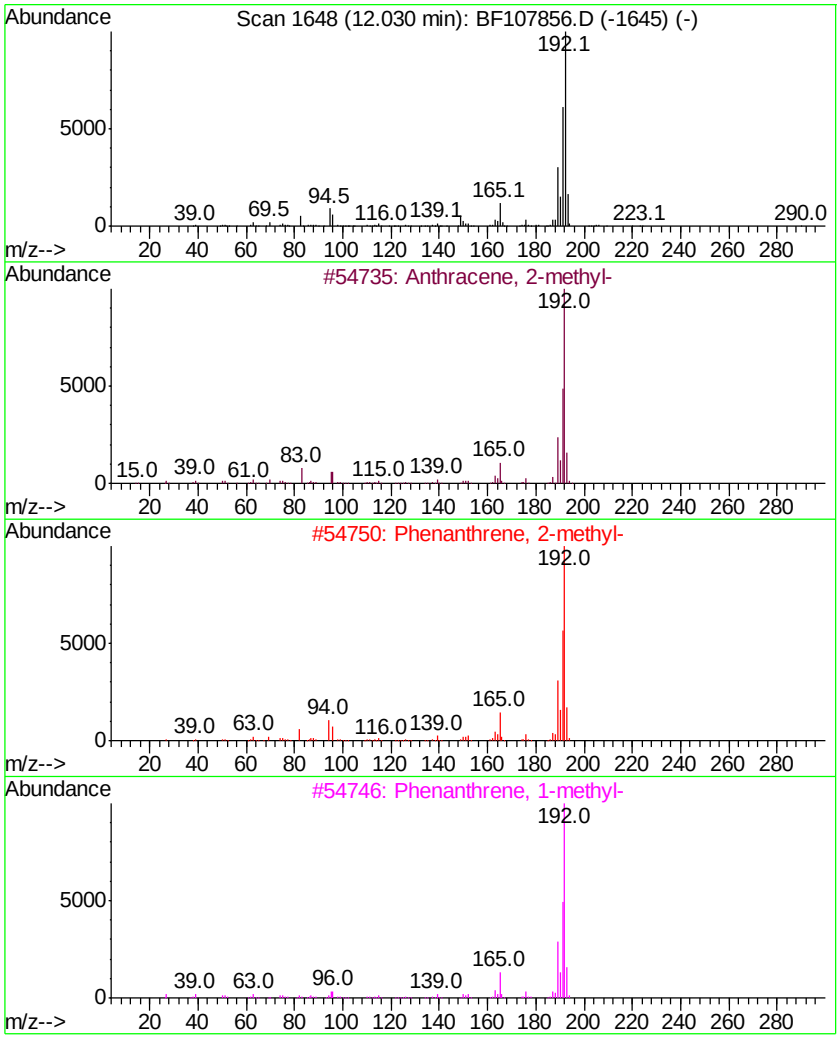
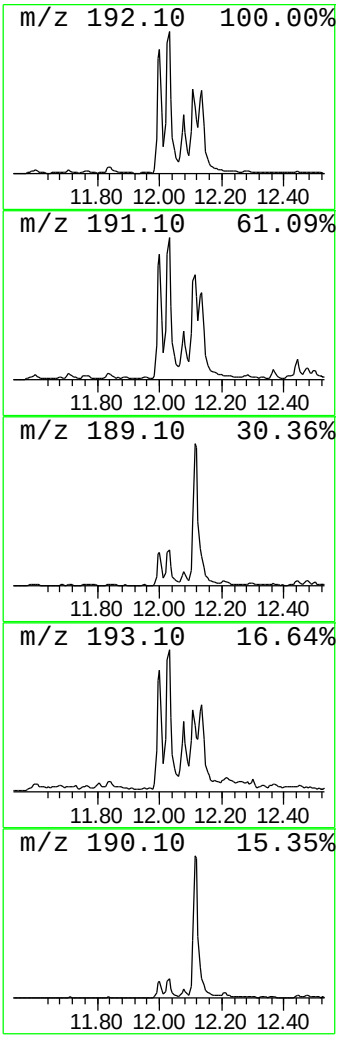
Peak Number 12 Anthracene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	27.23 ng	1010560	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





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Sample : J4231-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-14-7

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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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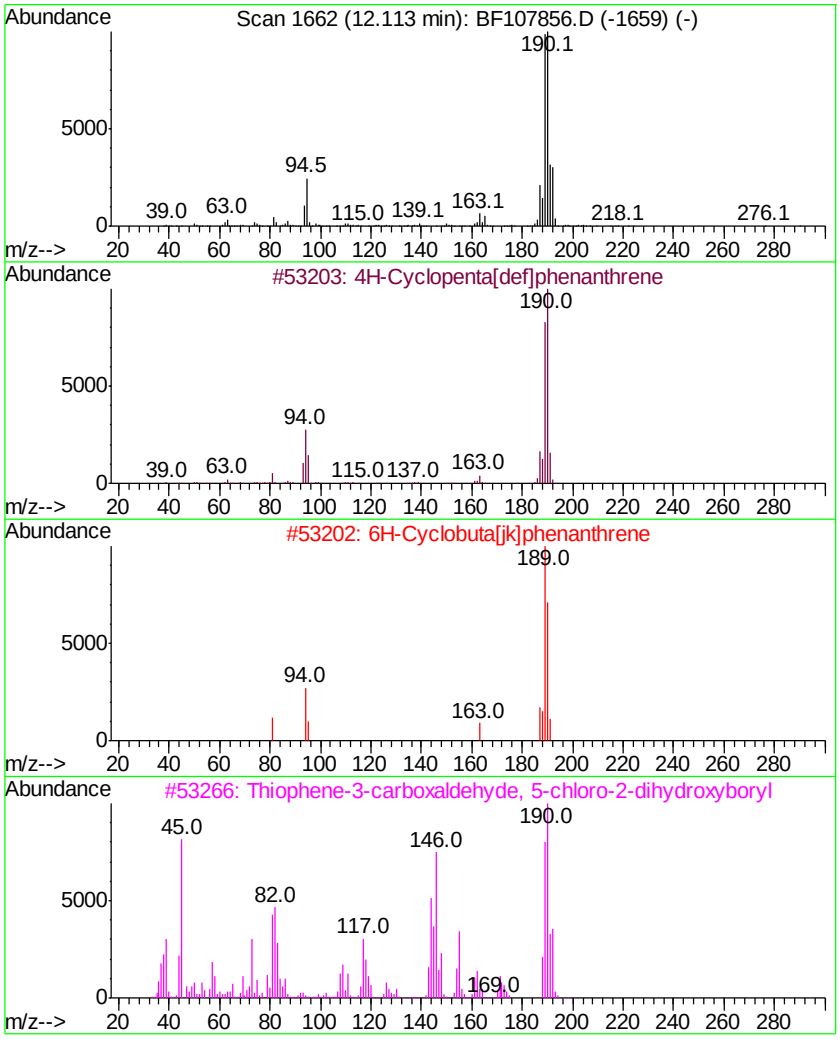
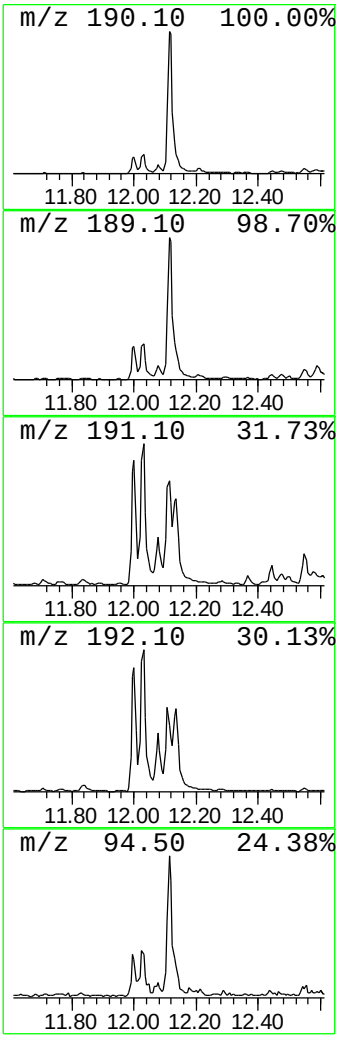
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	49.82 ng	1848920	Phenanthrene-d10	11.50

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	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5	Methyl diselenide	190	C2H6Se2	007101-31-7	49





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Sample : J4231-13
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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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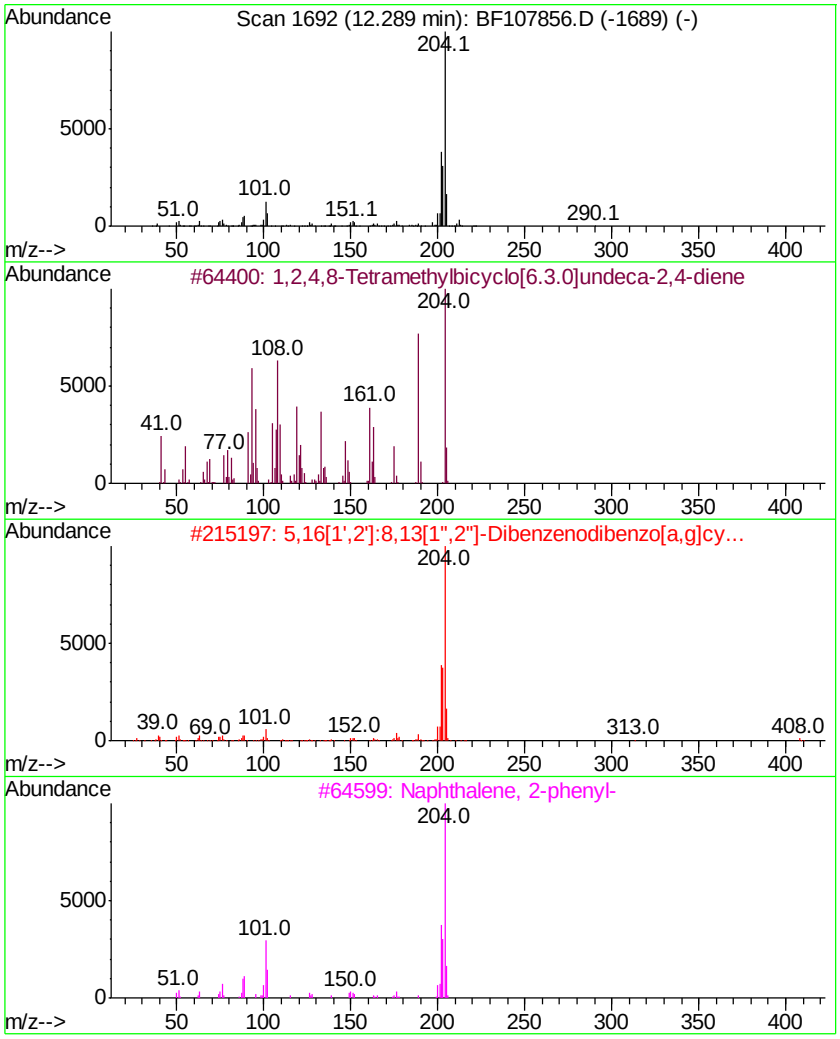
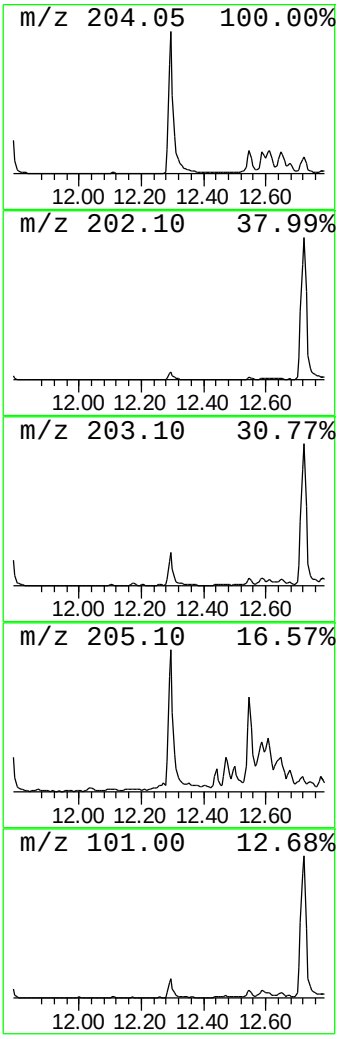
Peak Number 14 1,2,4,8-Tetramethylbicyclo[... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	22.39 ng	830872	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	83
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	49





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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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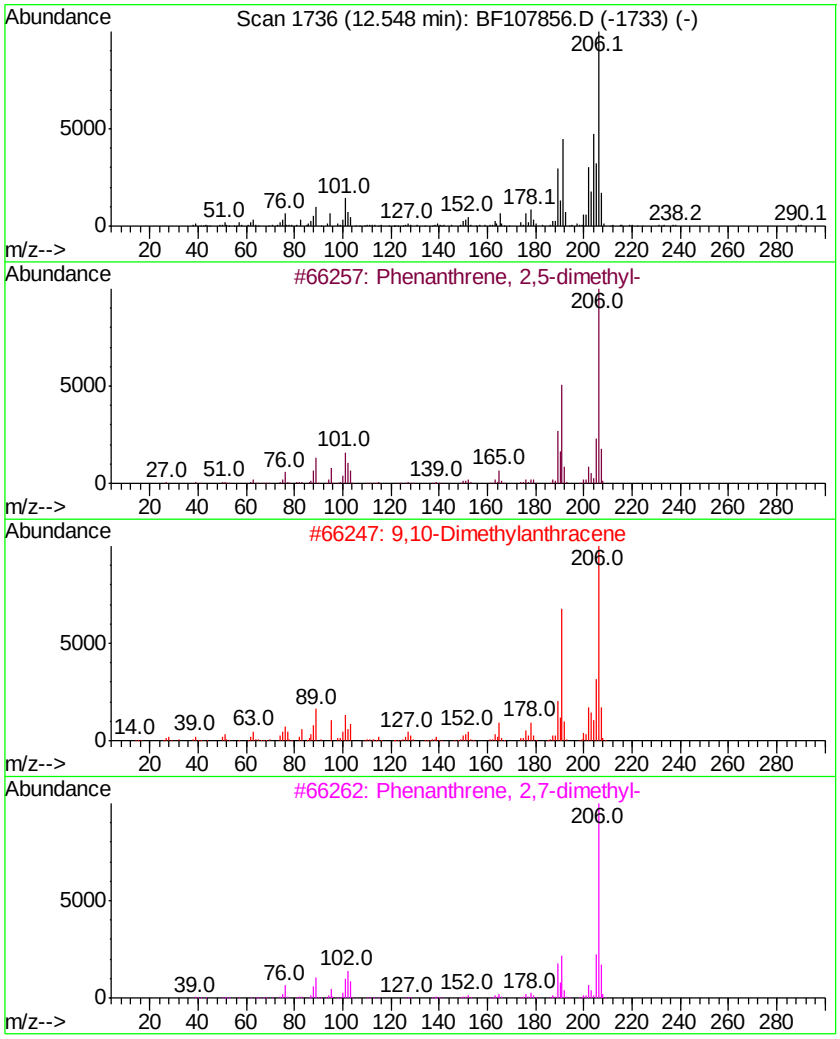
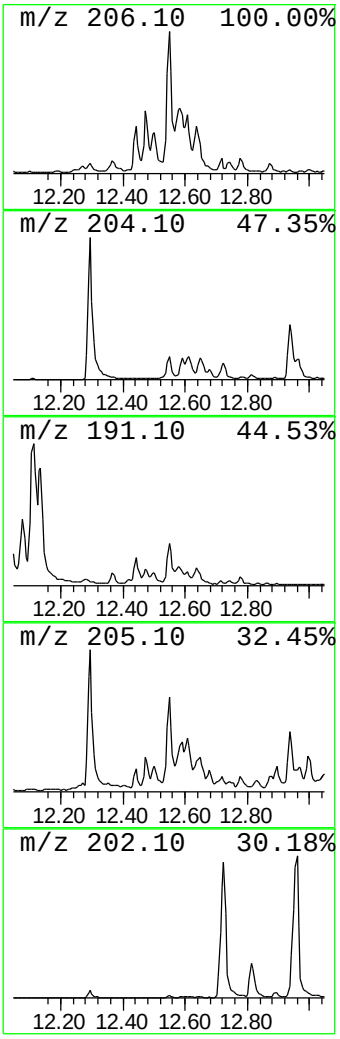
Peak Number 15 Phenanthrene, 2,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	13.15 ng	488024	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	89
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	83
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	78





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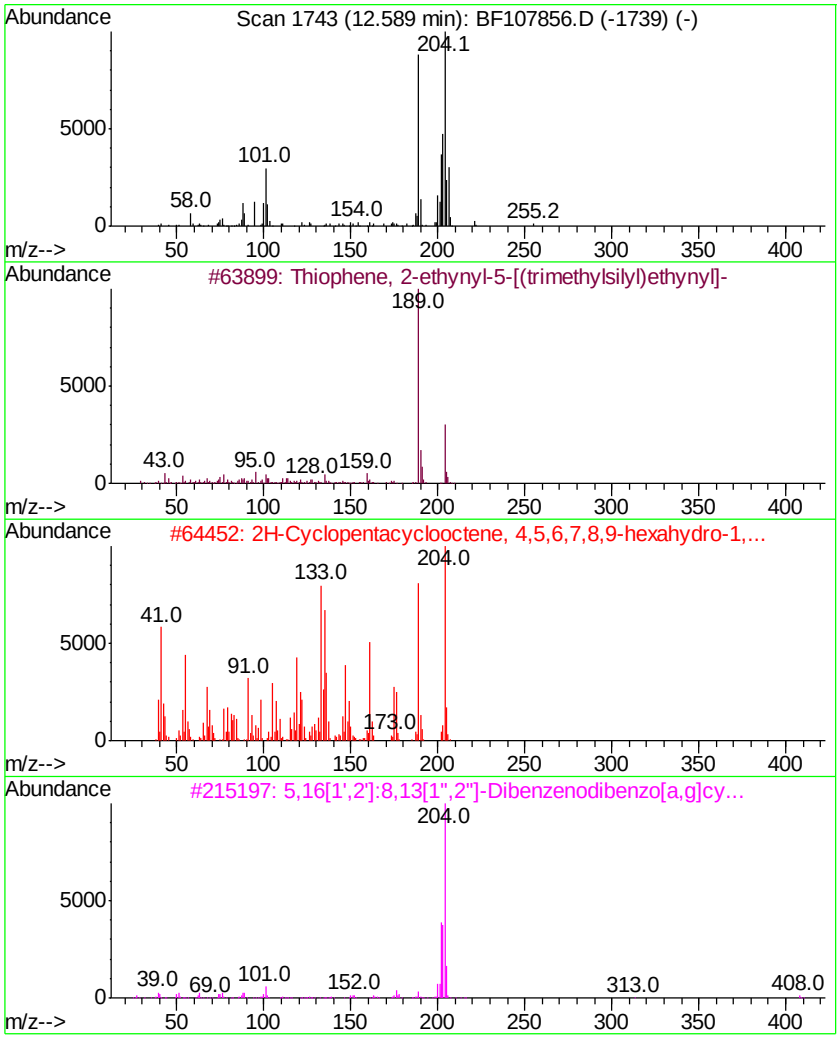
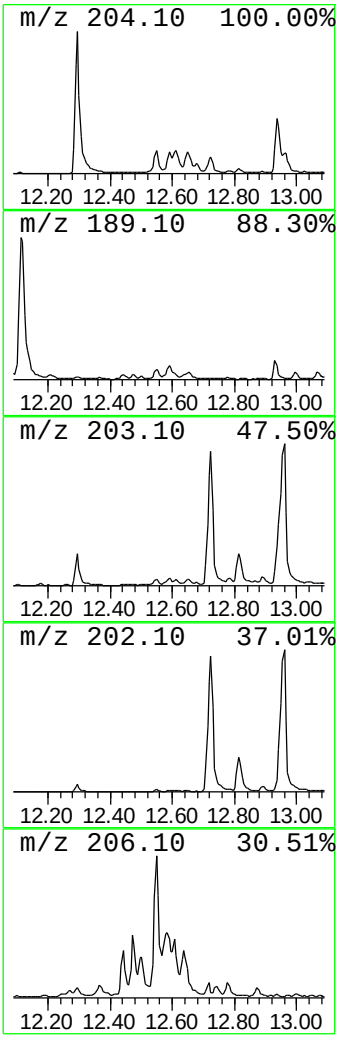
Peak Number 16 Thiophene, 2-ethynyl-5-[(tr... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	9.25 ng	343154	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2-ethynyl-5-[(trimeth...	204	C11H12SSi	182323-29-1	52
2	2H-Cyclopentacyclooctene, 4,5,6,...	204	C15H24	1000221-85-8	43
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	43
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	43
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38





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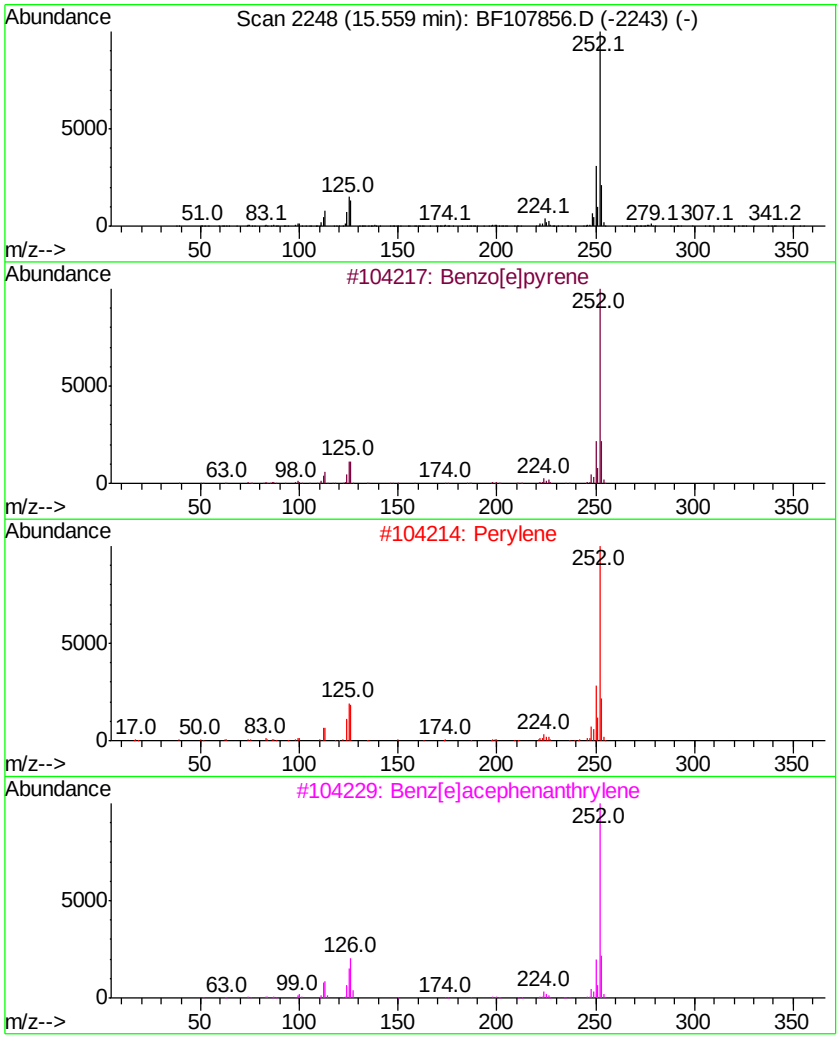
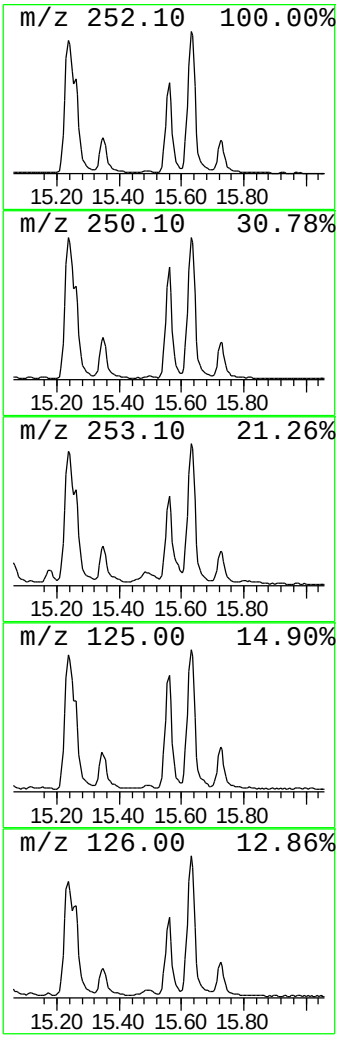
Peak Number 19 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.56	36.45 ng	1931490	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Perylene	252	C20H12	000198-55-0	97
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073118\
Data File : BF107856.D
Acq On : 31 Jul 2018 18:20
Operator : JU/SJ
Sample : J4231-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-14-7

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

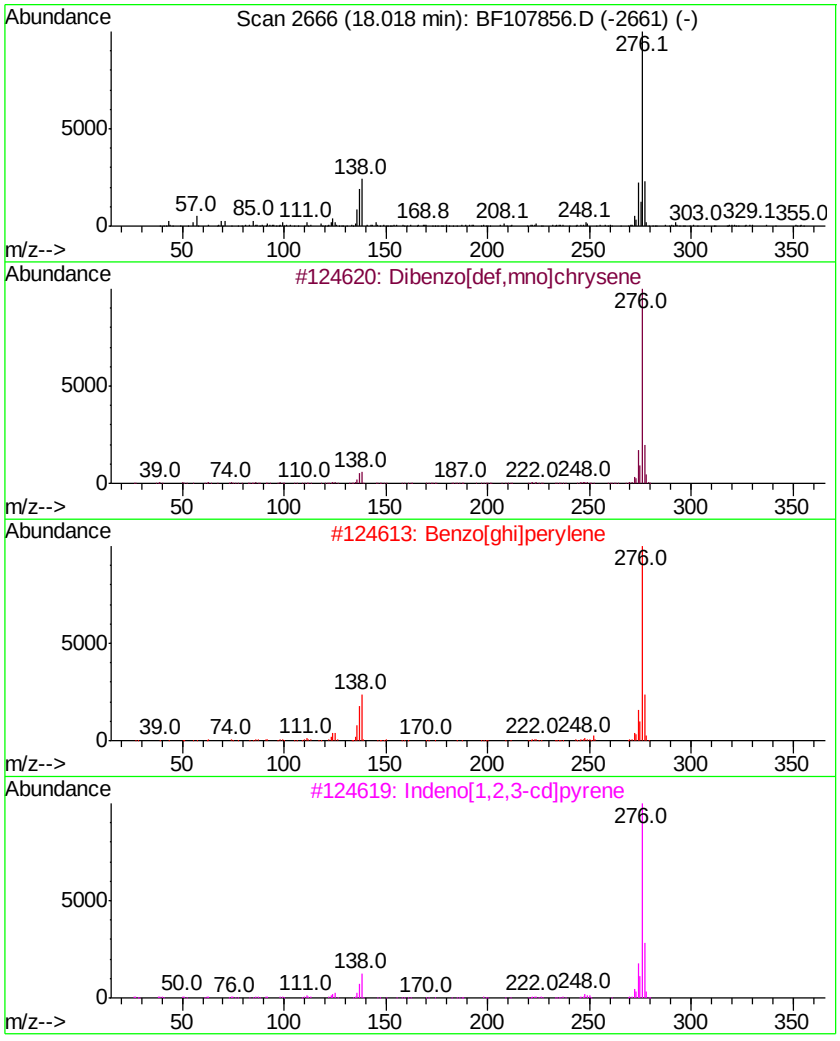
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

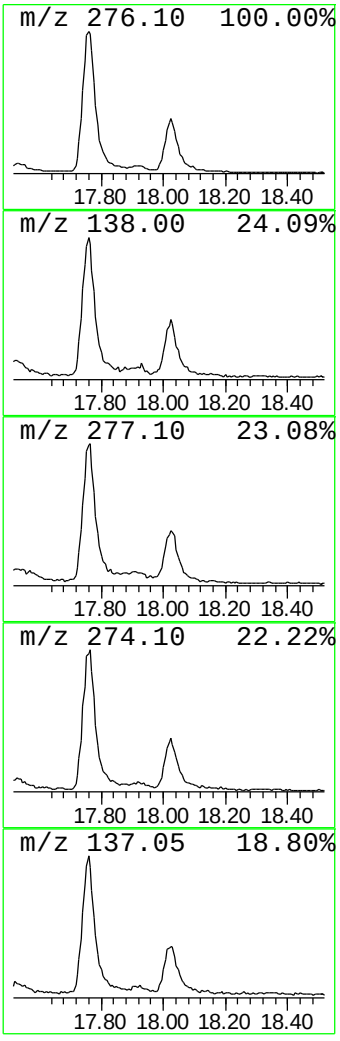
****

Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	13.47 ng	713793	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	95
2	Benzo[ghi]perylene	276	C22H12	000191-24-2	91
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	89
4	Phosphoric acid, 4-methoxy-2-(me...	276	C11H17O6P	094420-71-0	47
5	1-Naphthalenecarboxylic acid, 2-...	276	C18H12O3	038119-11-8	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073118\
Data File : BF107856.D
Acq On : 31 Jul 2018 18:20
Operator : JU/SJ
Sample : J4231-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-14-7

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
2-Pentanone, 4-hy...	5.20	13.9	ng	620263	1	6.96	893822	20.0
unknown6.74	6.74	70.2	ng	3136590	1	6.96	893822	20.0
Naphthalene, 2-me...	9.05	45.9	ng	1870260	2	8.24	815137	20.0
Naphthalene, 1-et...	9.51	29.8	ng	1406990	3	10.00	944369	20.0
Naphthalene, 1,6-...	9.58	16.8	ng	791504	3	10.00	944369	20.0
Naphthalene, 1,5-...	9.65	21.2	ng	1001970	3	10.00	944369	20.0
Naphthalene, 2,3-...	9.77	11.6	ng	549409	3	10.00	944369	20.0
9H-Fluorene, 3-me...	11.10	13.7	ng	508950	4	11.50	742244	20.0
Dibenzothiophene	11.39	18.4	ng	684243	4	11.50	742244	20.0
Phenanthrene, 2-m...	12.00	26.4	ng	981625	4	11.50	742244	20.0
Anthracene, 2-met...	12.03	27.2	ng	1010560	4	11.50	742244	20.0
4H-Cyclopenta[def...	12.11	49.8	ng	1848920	4	11.50	742244	20.0
1,2,4,8-Tetrameth...	12.29	22.4	ng	830872	4	11.50	742244	20.0
Phenanthrene, 2,5...	12.55	13.2	ng	488024	4	11.50	742244	20.0
Thiophene, 2-ethy...	12.59	9.3	ng	343154	4	11.50	742244	20.0
Benzo[e]pyrene	15.56	36.5	ng	1931490	6	15.69	1059880	20.0
Dibenzo[def,mno]c...	18.02	13.5	ng	713793	6	15.69	1059880	20.0