LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
Data File : BF109285.D
Acq On : 25 Sep 2018 15:07
Operator : JU/SJ
Sample : J5042-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLRK-PH4-A12-B1

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-BF092218.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	5.310	545	548	552	rBV	929829	889910	21.91%	1.490%
2	6.339	720	723	729	rBV	1111667	998020	24.58%	1.671%
3	6.475	742	746	749	rBV	1239009	993641	24.47%	1.664%
4	6.710	782	786	789	rBV	850613	691254	17.02%	1.157%
5	6.863	809	812	816	rVB	939832	765917	18.86%	1.283%
6	7.263	876	880	884	rBV	667467	603787	14.87%	1.011%
7	7.992	1000	1004	1006	rBV	1121264	946501	23.31%	1.585%
8	9.063	1183	1186	1190	rBV	1406545	1204048	29.65%	2.016%
9	9.457	1250	1253	1259	rVB	400044	361496	8.90%	0.605%
10	9.598	1273	1277	1284	rVB	196549	172189	4.24%	0.288%
11	9.739	1296	1301	1304	rBV2	1204422	1070234	26.35%	1.792%
12	9.775	1304	1307	1311	rVV	248855	228018	5.61%	0.382%
13	9.945	1330	1336	1339	rVB	205373	178845	4.40%	0.299%
14	10.057	1351	1355	1358	rBV2	120840	138318	3.41%	0.232%
15	10.151	1366	1371	1373	rBV3	102997	143030	3.52%	0.240%
16	10.286	1390	1394	1399	rVB2	294137	299196	7.37%	0.501%
17	10.445	1418	1421	1426	rVB	174094	175822	4.33%	0.294%
18	10.522	1429	1434	1439	rVB	884579	833597	20.53%	1.396%
19	10.651	1453	1456	1458	rBV2	112217	106963	2.63%	0.179%
20	10.833	1482	1487	1490	rBV2	208431	254584	6.27%	0.426%
21	10.916	1498	1501	1504	rVB	129403	130657	3.22%	0.219%
22	10.963	1504	1509	1511	rBV2	231832	250742	6.17%	0.420%
23	10.986	1511	1513	1514	rVV	149595	117635	2.90%	0.197%
24	11.027	1518	1520	1524	rVB3	130926	152182	3.75%	0.255%
25	11.069	1524	1527	1531	rBV	190380	213199	5.25%	0.357%
26	11.116	1531	1535	1537	rBV	103451	117901	2.90%	0.197%
27	11.222	1549	1553	1555	rBV	1017430	1080795	26.61%	1.810%
28	11.245	1555	1557	1560	rVV	2162946	1604330	39.51%	2.686%
29	11.292	1560	1565	1568	rVB	1029649	859043	21.15%	1.438%
30	11.327	1568	1571	1575	rBV2	169741	194739	4.80%	0.326%
31	11.474	1593	1596	1600	rVV3	128592	169883	4.18%	0.284%
32	11.516	1600	1603	1605	rVV	117006	111804	2.75%	0.187%
33	11.721	1634	1638	1640	rBV	514281	441745	10.88%	0.740%
34	11.751	1640	1643	1647	rVB	766767	697553	17.18%	1.168%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
Data File : BF109285.D
Acq On : 25 Sep 2018 15:07
Operator : JU/SJ
Sample : J5042-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLRK-PH4-A12-B1

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-BF092218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.798	1647	1651	1653	rBV	532836	512908	12.63%	0.859%
36	11.833	1653	1657	1659	rVV	1013823	1094309	26.95%	1.832%
37	11.851	1659	1660	1666	rVB	475627	399889	9.85%	0.670%
38	12.016	1682	1688	1690	rBV	411271	403992	9.95%	0.676%
39	12.163	1708	1713	1716	rBV2	276868	287223	7.07%	0.481%
40	12.198	1716	1719	1720	rBV	158008	126868	3.12%	0.212%
41	12.216	1720	1722	1725	rVB	147306	139333	3.43%	0.233%
42	12.269	1725	1731	1734	rBV	464426	625259	15.40%	1.047%
43	12.310	1734	1738	1739	rVV	333119	396111	9.75%	0.663%
44	12.327	1739	1741	1743	rVV	279102	216943	5.34%	0.363%
45	12.351	1743	1745	1751	rVB3	250528	364811	8.98%	0.611%
46	12.404	1751	1754	1755	rBV2	153705	130311	3.21%	0.218%
47	12.439	1755	1760	1763	rVV	3427578	3604758	88.77%	6.036%
48	12.474	1763	1766	1768	rVV	201829	182630	4.50%	0.306%
49	12.521	1771	1774	1777	rVB	602430	462046	11.38%	0.774%
50	12.663	1792	1798	1803	rBV2	3042281	3982230	98.06%	6.668%
51	12.704	1803	1805	1811	rVB3	265609	399819	9.85%	0.669%
52	12.774	1811	1817	1819	rBV	456246	432274	10.64%	0.724%
53	12.798	1819	1821	1829	rVB	1049183	1104463	27.20%	1.849%
54	12.880	1829	1835	1838	rBV2	413596	748222	18.42%	1.253%
55	12.939	1841	1845	1847	rBV2	245447	285654	7.03%	0.478%
56	12.963	1847	1849	1850	rVV2	354682	326443	8.04%	0.547%
57	12.986	1850	1853	1856	rVB	1152235	1040354	25.62%	1.742%
58	13.027	1856	1860	1861	rBV3	81064	107001	2.63%	0.179%
59	13.051	1861	1864	1867	rBV	1018157	850616	20.95%	1.424%
60	13.086	1867	1870	1874	rVV	714611	735674	18.12%	1.232%
61	13.145	1878	1880	1883	rBV3	160281	185176	4.56%	0.310%
62	13.180	1883	1886	1888	rVV	337573	276005	6.80%	0.462%
63	13.210	1888	1891	1898	rVB2	380840	399148	9.83%	0.668%
64	13.363	1914	1917	1919	rBV2	105402	135214	3.33%	0.226%
65	13.386	1919	1921	1923	rVV	186888	170294	4.19%	0.285%
66	13.463	1931	1934	1937	rBV2	221818	317941	7.83%	0.532%
67	13.598	1952	1957	1959	rBV2	255924	334745	8.24%	0.561%
68	13.627	1959	1962	1964	rVV	435529	406887	10.02%	0.681%
69	13.651	1964	1966	1972	rVB3	313533	378832	9.33%	0.634%
70	13.845	1993	1999	2003	rBV2	2737925	4060927	100.00%	6.800%
71	13.880	2003	2005	2010	rVB	2074000	1850887	45.58%	3.099%

LSC Area Percent Report

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Acq On : 25 Sep 2018 15:07
Operator : JU/SJ
Sample : J5042-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLRK-PH4-A12-B1

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-BF092218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.957	2013	2018	2021	rBV2	413439	407406	10.03%	0.682%
73	13.992	2021	2024	2027	rVV	460799	416541	10.26%	0.697%
74	14.033	2028	2031	2034	rVB3	206164	208525	5.13%	0.349%
75	14.063	2034	2036	2041	rBV2	189476	273082	6.72%	0.457%
76	14.168	2051	2054	2057	rBV3	97601	117644	2.90%	0.197%
77	14.198	2057	2059	2062	rVV	195553	228891	5.64%	0.383%
78	14.239	2062	2066	2068	rVV	685882	758572	18.68%	1.270%
79	14.268	2068	2071	2074	rVV2	365629	338741	8.34%	0.567%
80	14.333	2078	2082	2084	rVV2	393365	463813	11.42%	0.777%
81	14.357	2084	2086	2088	rVV2	345147	349648	8.61%	0.585%
82	14.380	2088	2090	2094	rVB2	470890	399708	9.84%	0.669%
83	14.427	2096	2098	2103	rVB3	168333	195554	4.82%	0.327%
84	14.539	2114	2117	2119	rBV3	134431	160924	3.96%	0.269%
85	14.610	2127	2129	2131	rBV3	125627	121391	2.99%	0.203%
86	14.868	2167	2173	2175	rBV	1551256	2354606	57.98%	3.943%
87	14.939	2182	2185	2186	rBV	93996	106825	2.63%	0.179%
88	14.962	2186	2189	2192	rVB	554402	529977	13.05%	0.887%
89	15.145	2215	2220	2226	rVB	890567	1205313	29.68%	2.018%
90	15.210	2226	2231	2235	rVB	1581204	1903252	46.87%	3.187%
91	15.262	2235	2240	2242	rBV	636718	851564	20.97%	1.426%
92	15.286	2242	2244	2251	rVB3	602349	849978	20.93%	1.423%
93	15.704	2311	2315	2319	rVB2	150184	204320	5.03%	0.342%
94	15.780	2324	2328	2331	rVB	129077	163111	4.02%	0.273%
95	15.915	2347	2351	2354	rBV	90529	126141	3.11%	0.211%
96	16.615	2464	2470	2476	rVB2	516196	972317	23.94%	1.628%
97	16.774	2492	2497	2501	rBV	134857	216249	5.33%	0.362%
98	16.827	2502	2506	2510	rBV3	90689	175549	4.32%	0.294%
99	17.021	2533	2539	2548	rBV	314299	599005	14.75%	1.003%
100	17.233	2571	2575	2588	rVB2	154177	347693	8.56%	0.582%

Sum of corrected areas: 59720115

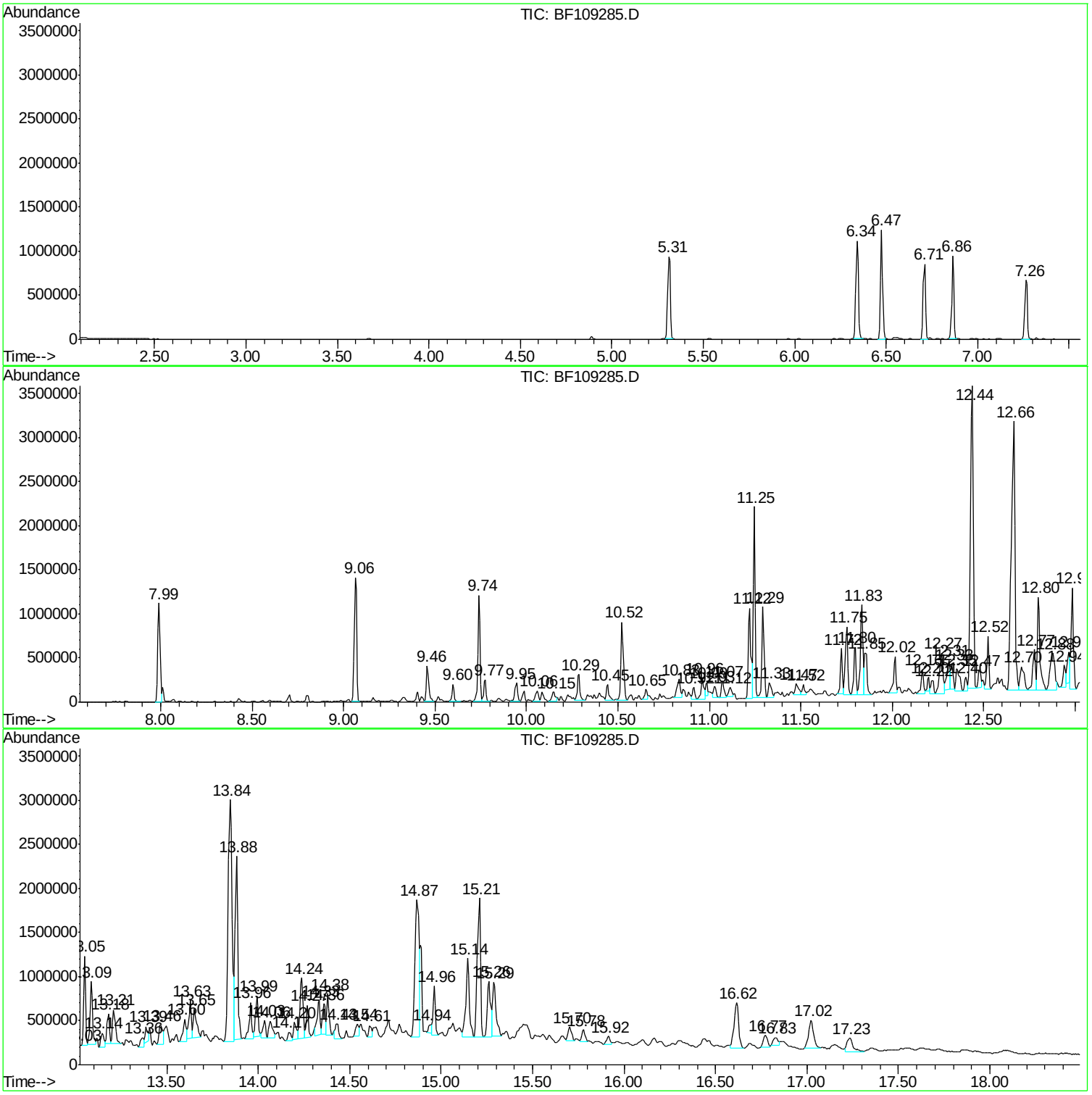
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
Data File : BF109285.D
Acq On : 25 Sep 2018 15:07
Operator : JU/SJ
Sample : J5042-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLRK-PH4-A12-B1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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\BF092518\
Data File : BF109285.D
Acq On : 25 Sep 2018 15:07
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Sample : J5042-01 2X
Misc :
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Instrument : BNA_F
ClientSampleId : NYSEG-CLRK-PH4-A12-B1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

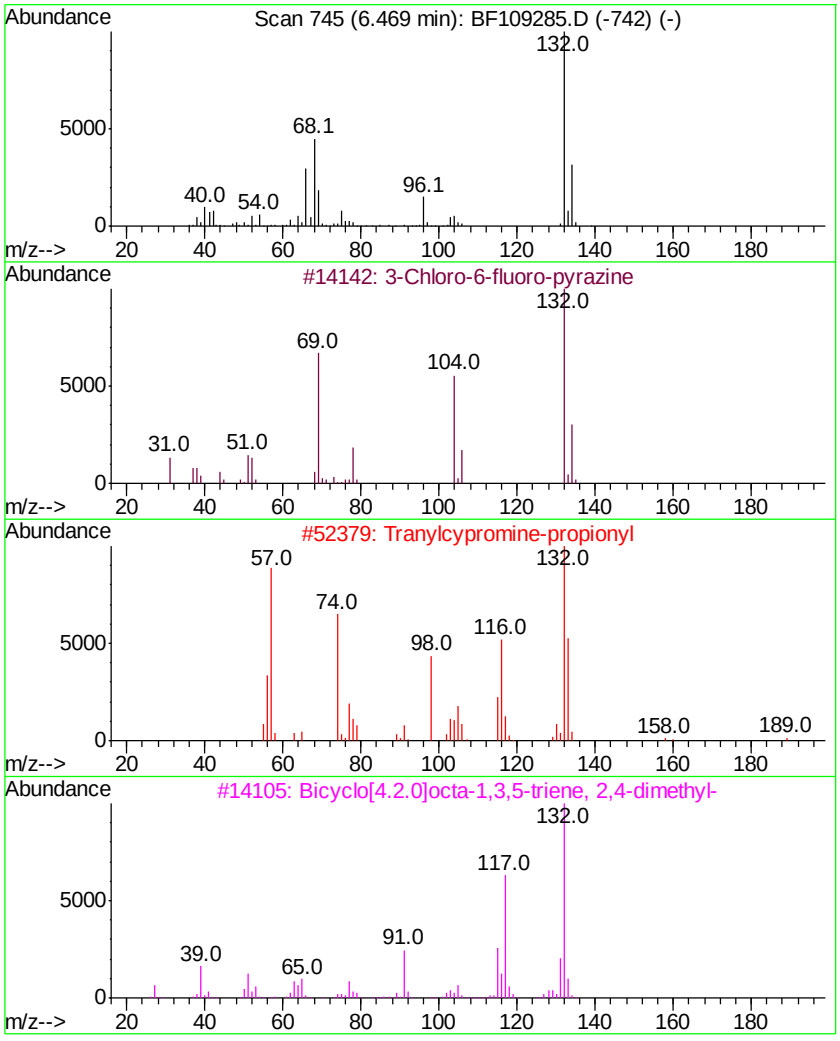
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

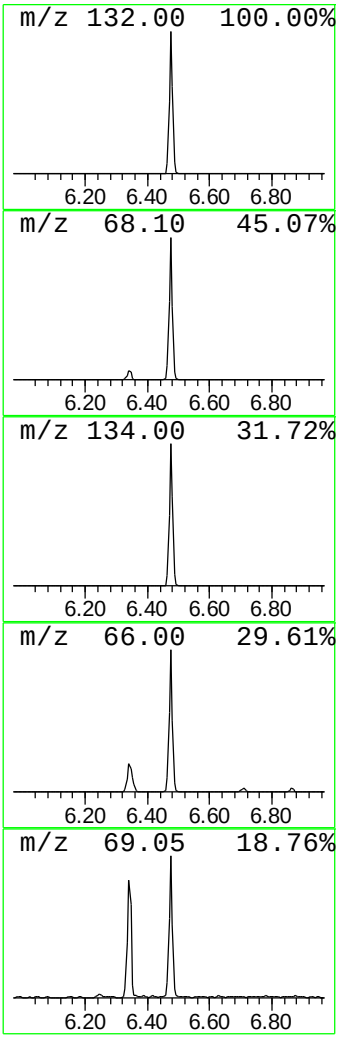
****

Peak Number 1 unknown6.47 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	28.75 ng	993641	1,4-Dichlorobenzene-d4	6.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





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Acq On : 25 Sep 2018 15:07
Operator : JU/SJ
Sample : J5042-01 2X
Misc :
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Instrument : BNA_F
ClientSampleId : NYSEG-CLRK-PH4-A12-B1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

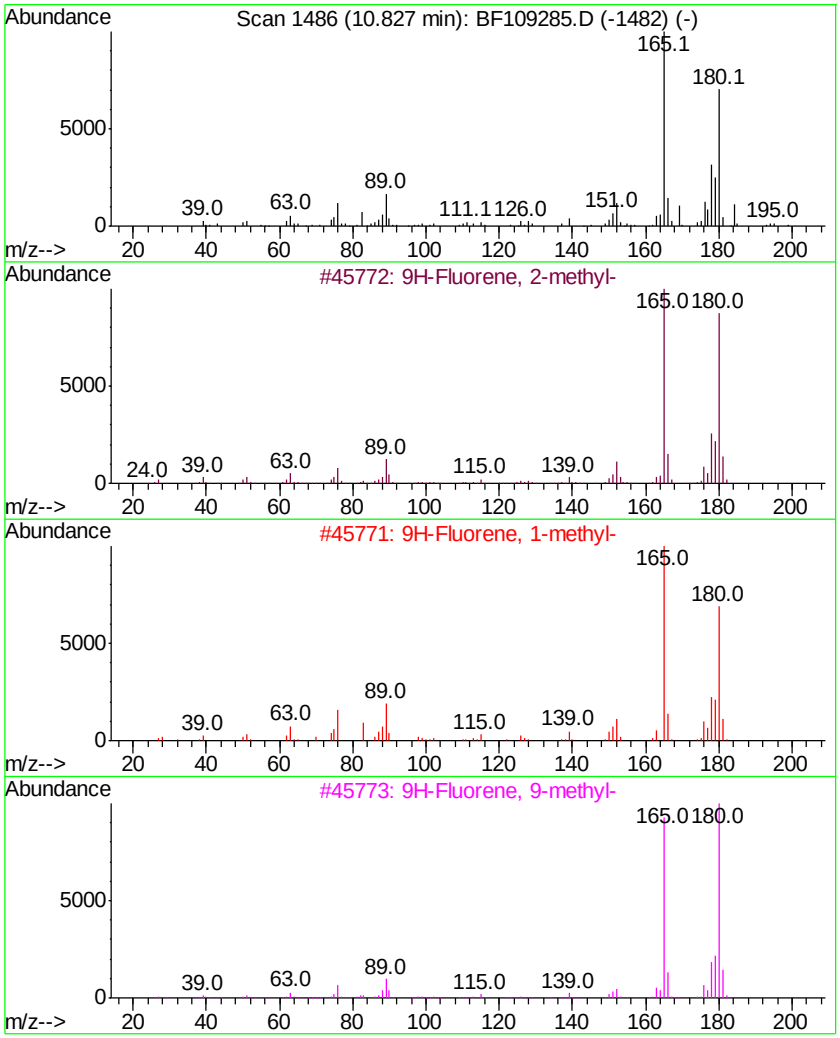
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

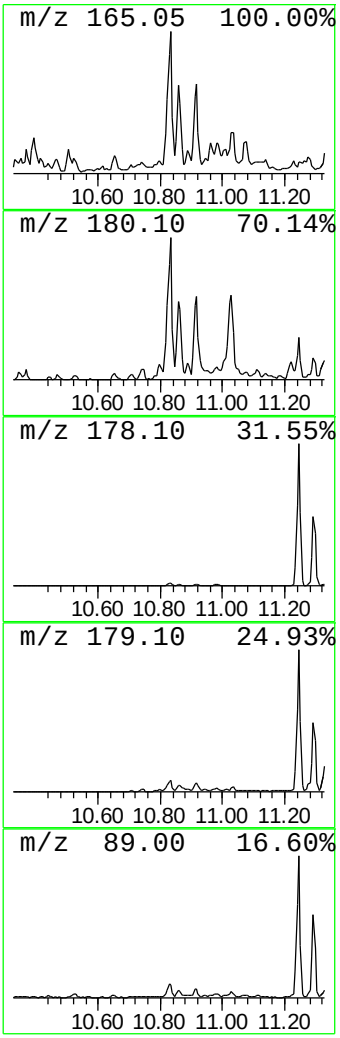
****

Peak Number 3 9H-Fluorene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	4.71 ng	254584	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	91
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	83
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	64
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	60
5	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	60





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Acq On : 25 Sep 2018 15:07
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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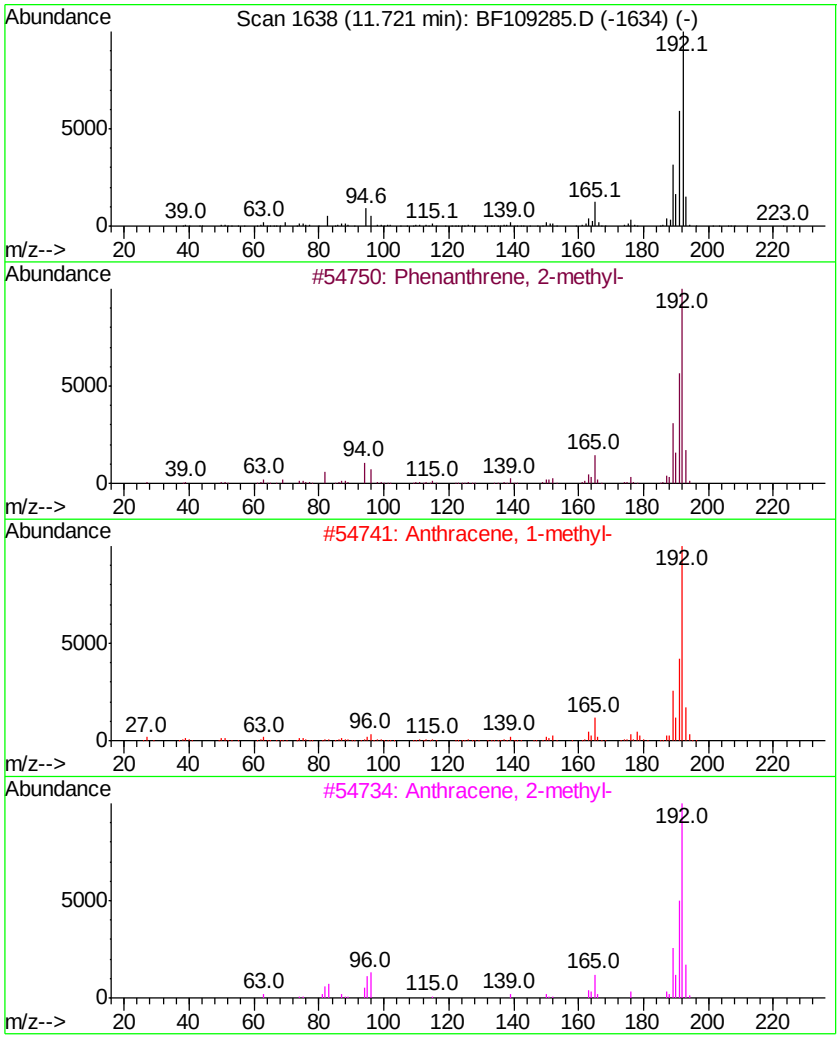
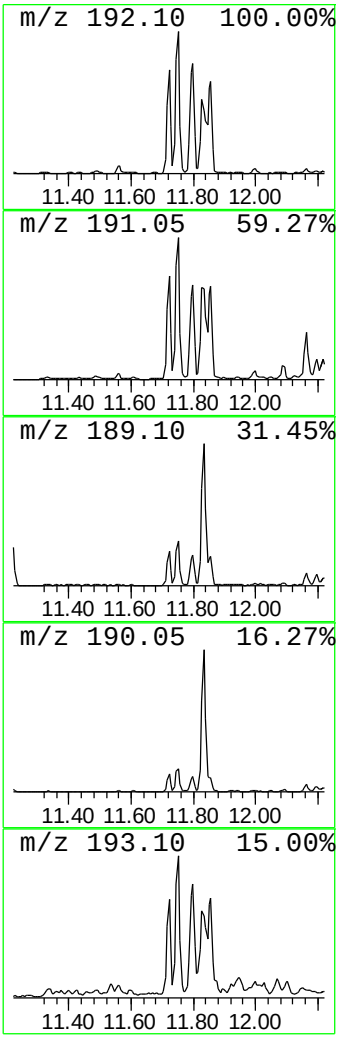
Peak Number 4 Anthracene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	8.17 ng	441745	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
Data File : BF109285.D
Acq On : 25 Sep 2018 15:07
Operator : JU/SJ
Sample : J5042-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLRK-PH4-A12-B1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

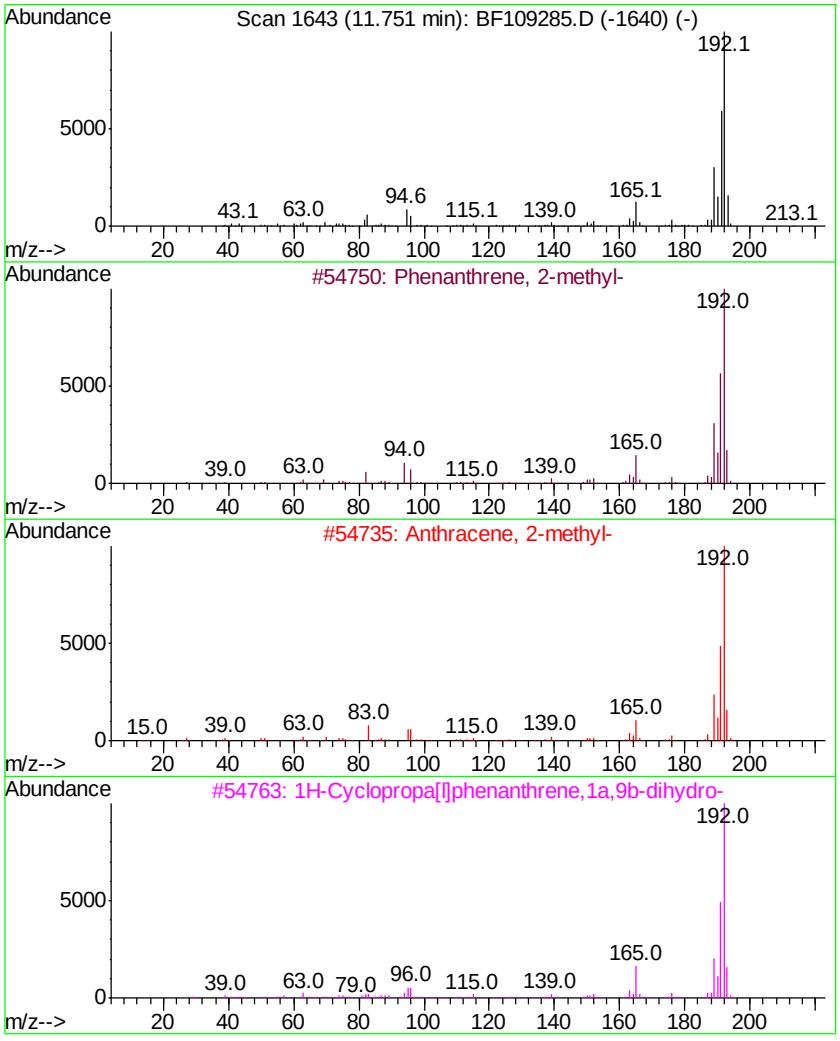
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

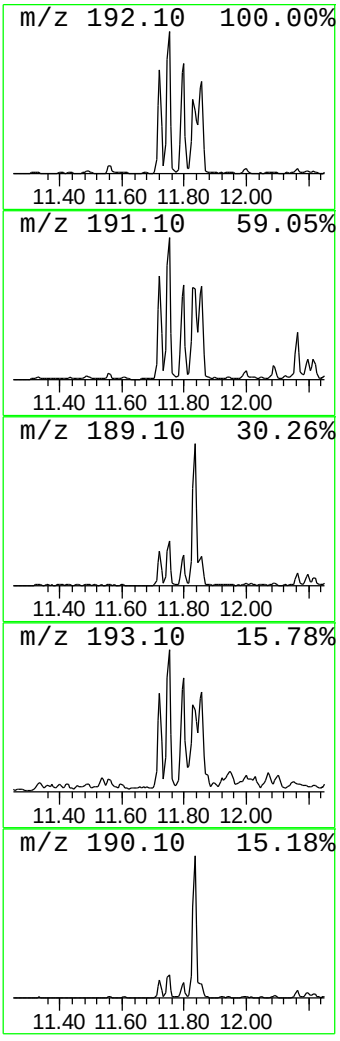
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	12.91 ng	697553	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
Data File : BF109285.D
Acq On : 25 Sep 2018 15:07
Operator : JU/SJ
Sample : J5042-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLRK-PH4-A12-B1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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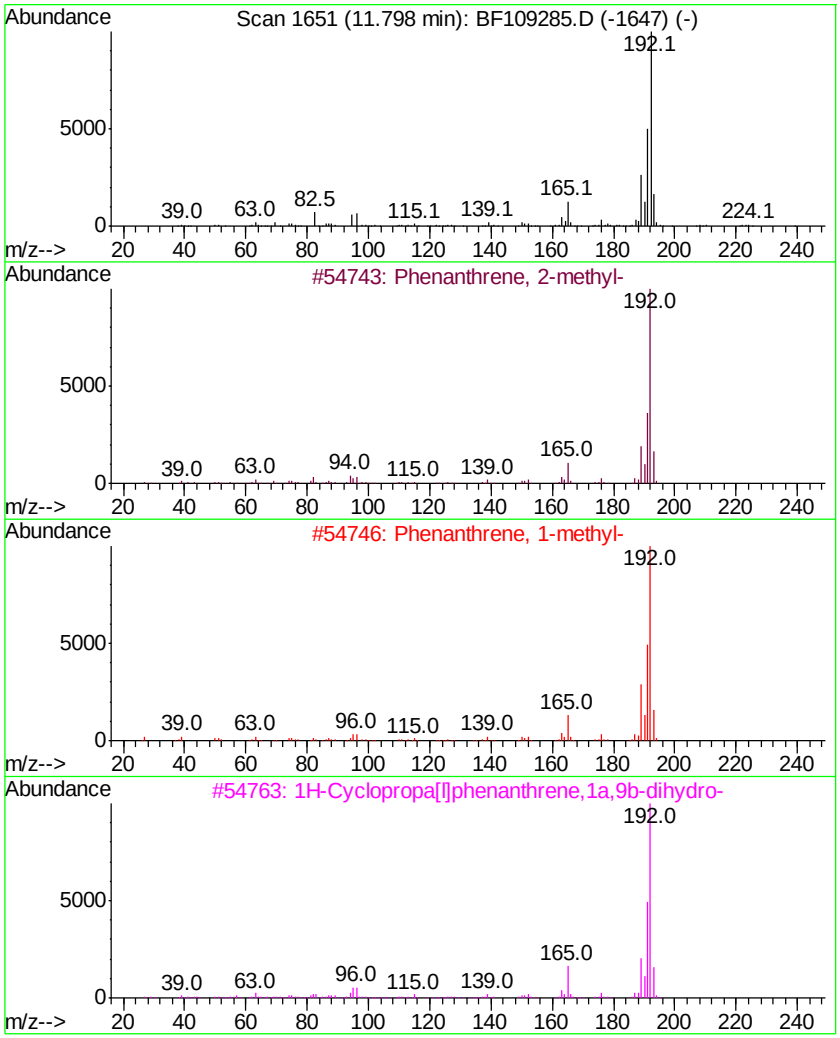
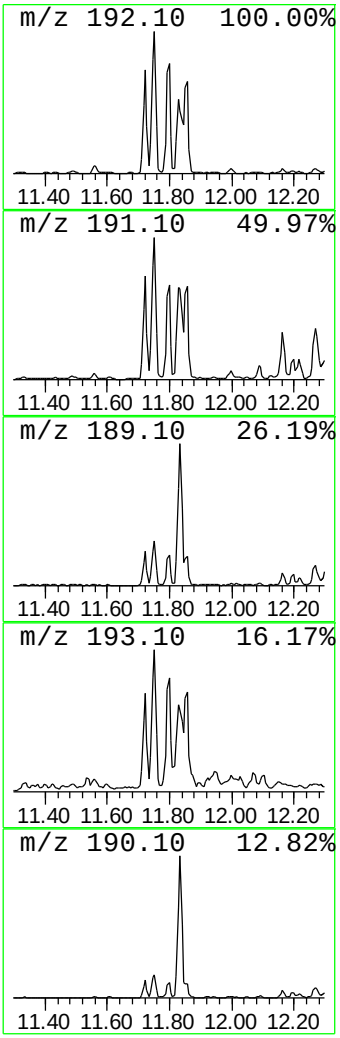
Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	9.49 ng	512908	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





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Sample : J5042-01 2X
Misc :
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Instrument : BNA_F
ClientSampleId : NYSEG-CLRK-PH4-A12-B1

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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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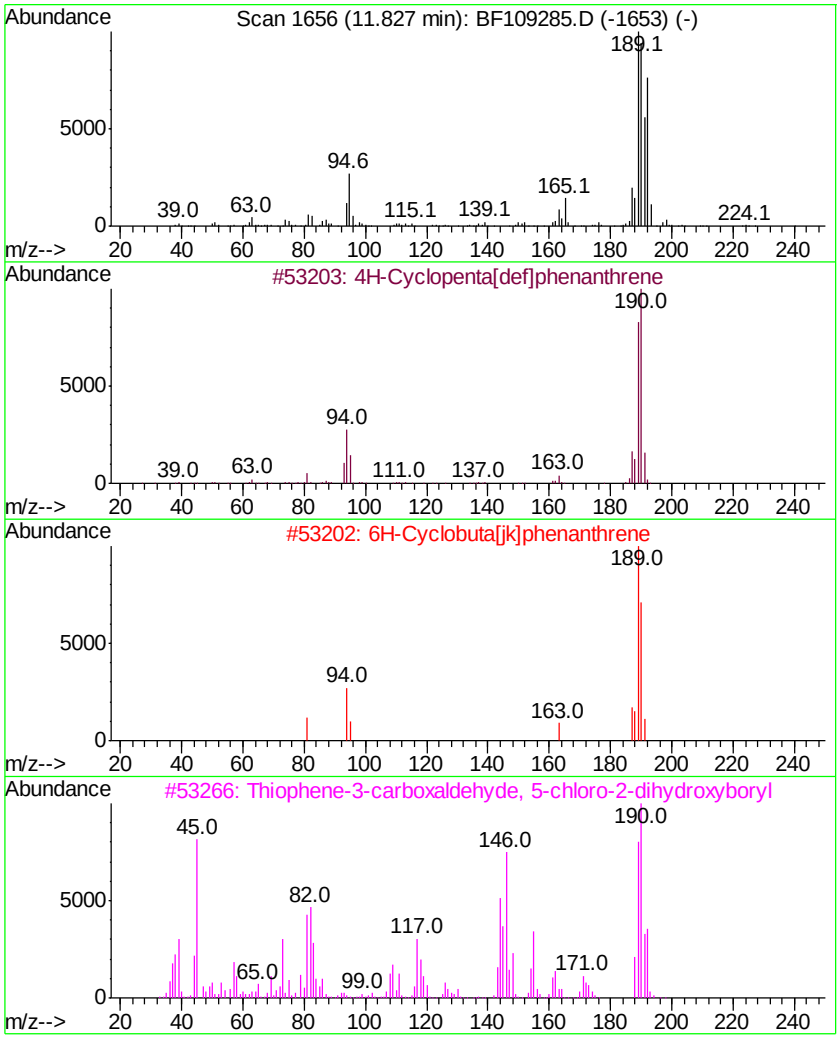
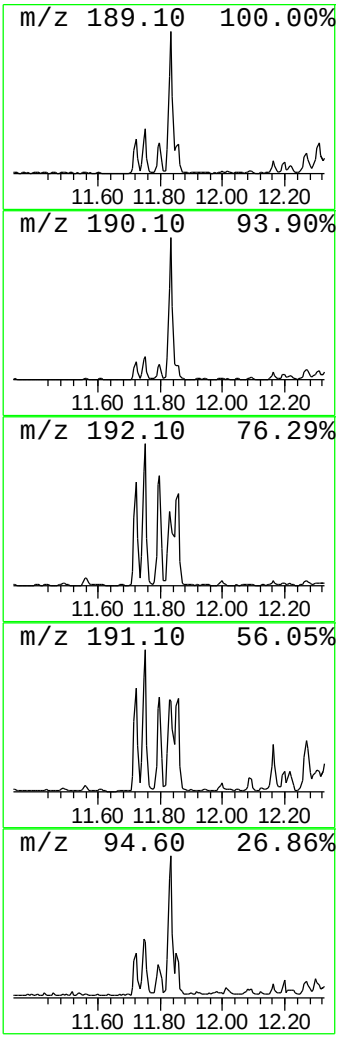
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	20.25 ng	1094310	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42





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Sample : J5042-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLRK-PH4-A12-B1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

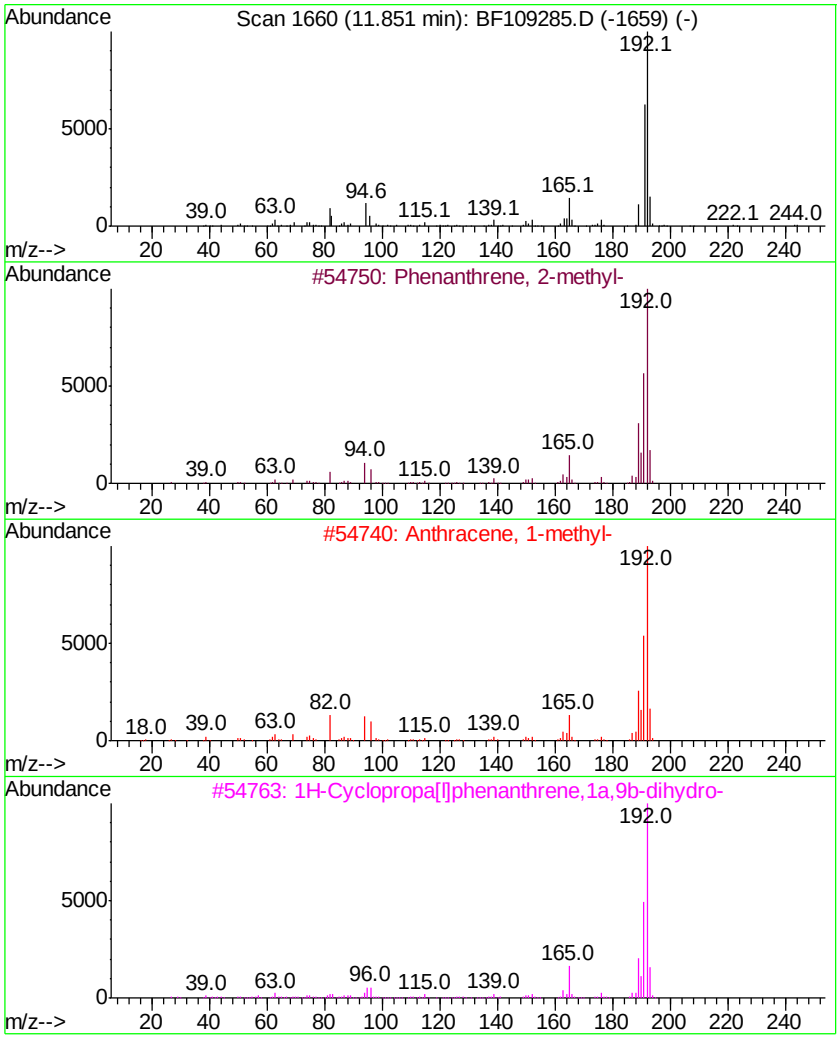
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

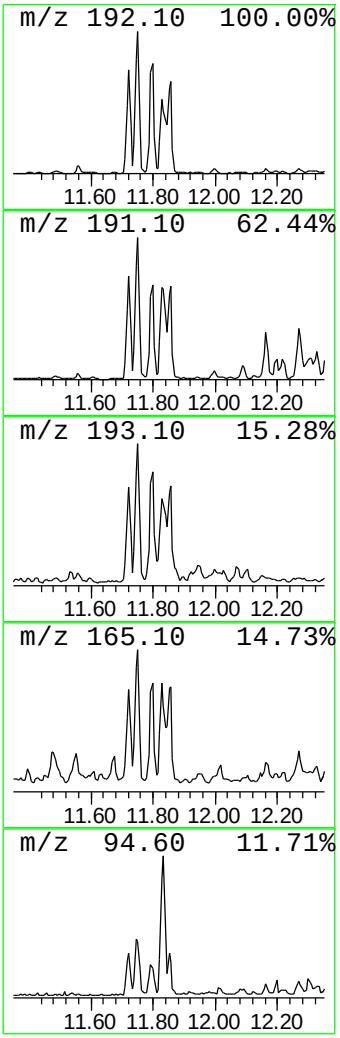
****

Peak Number 8 1H-Cyclopropa[l]phenanthren... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	7.40 ng	399889	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91





Library Search Compound Report

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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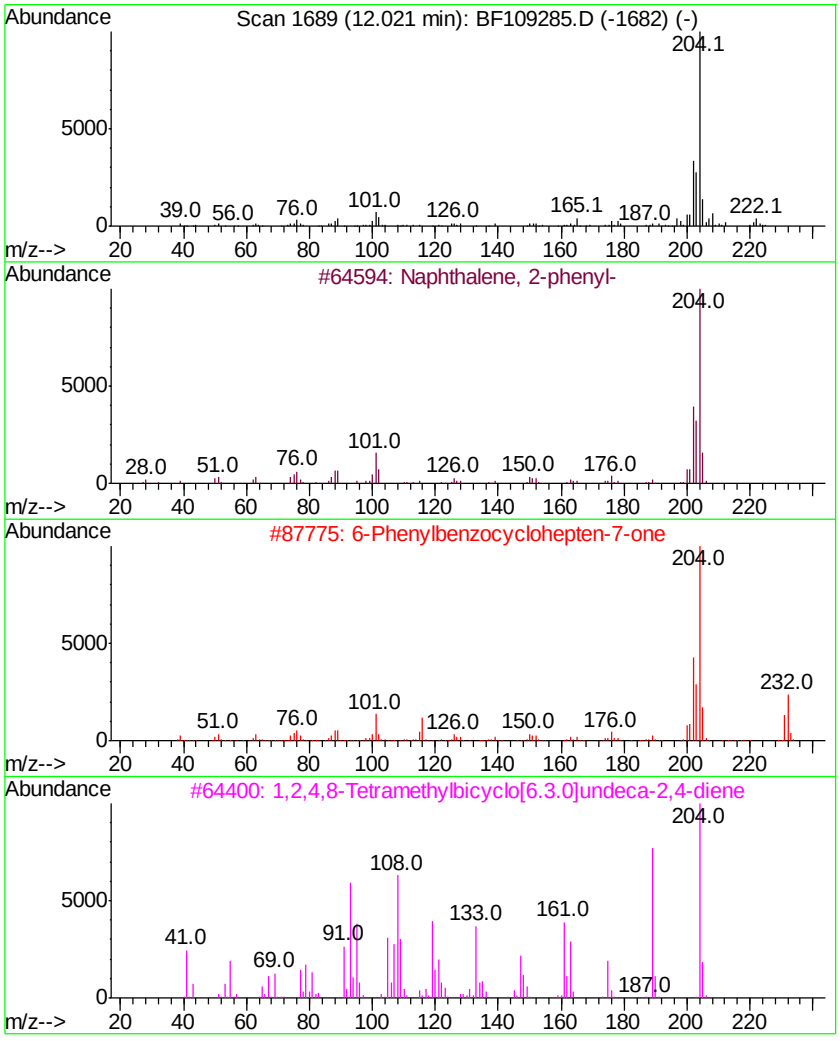
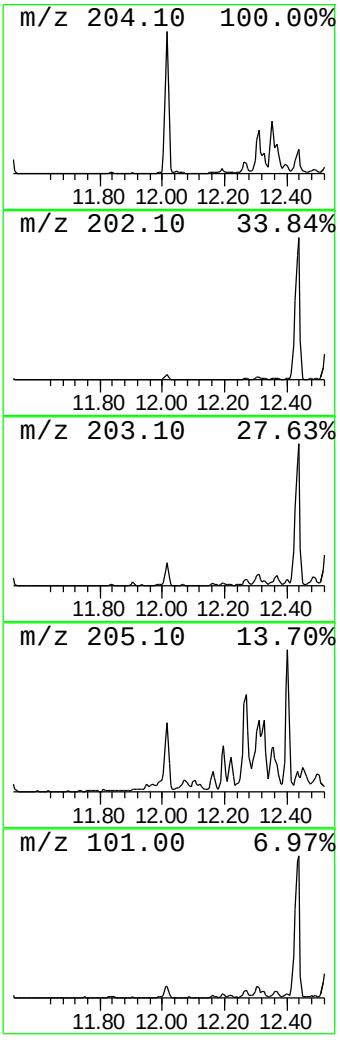
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	7.48 ng	403992	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	90
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	86
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	50
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	49





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Sample : J5042-01 2X
Misc :
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ClientSampleId : NYSEG-CLRK-PH4-A12-B1

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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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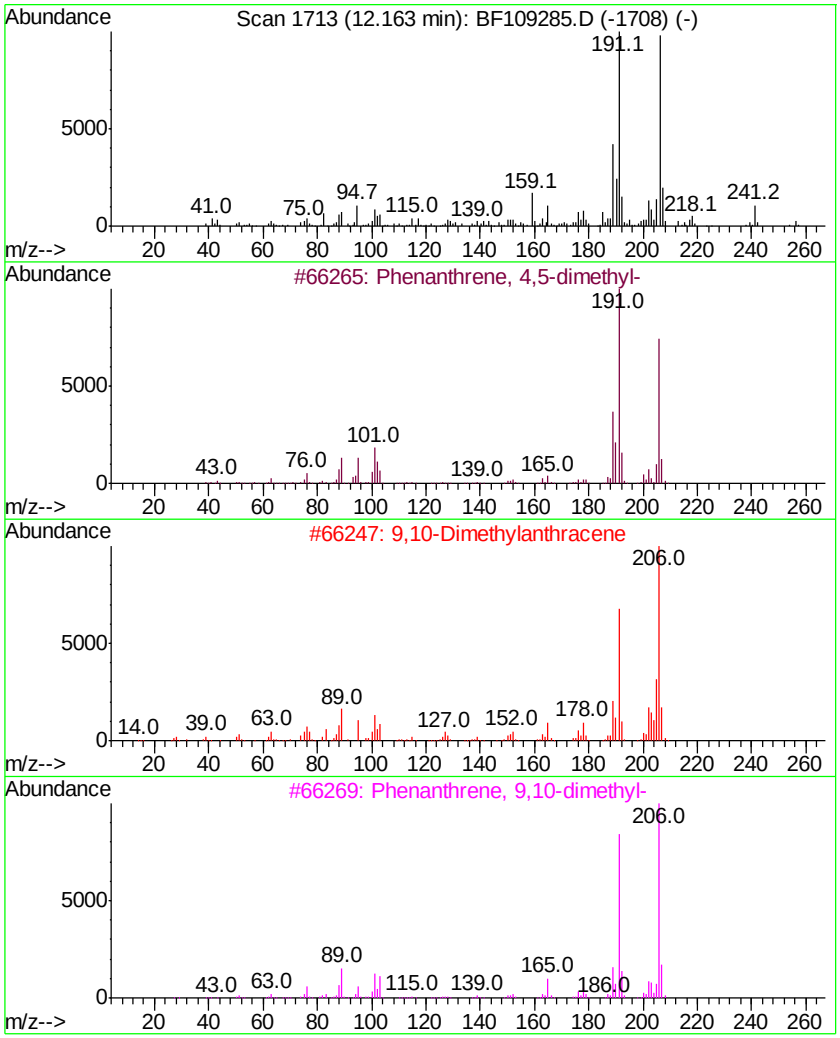
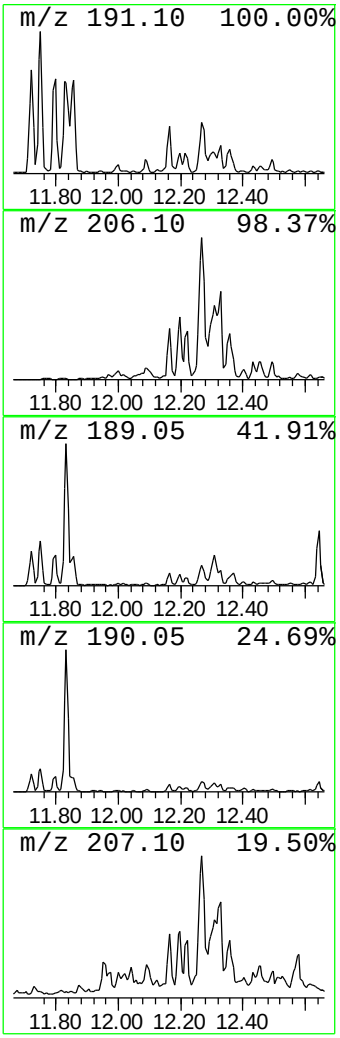
Peak Number 10 Phenanthrene, 4,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	5.32 ng	287223	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	96
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
3	Phenanthrene, 9,10-dimethyl-	206	C16H14	000604-83-1	89
4	Phenanthrene, 9-ethyl-	206	C16H14	003674-75-7	89
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





Library Search Compound Report

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Sample : J5042-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLRK-PH4-A12-B1

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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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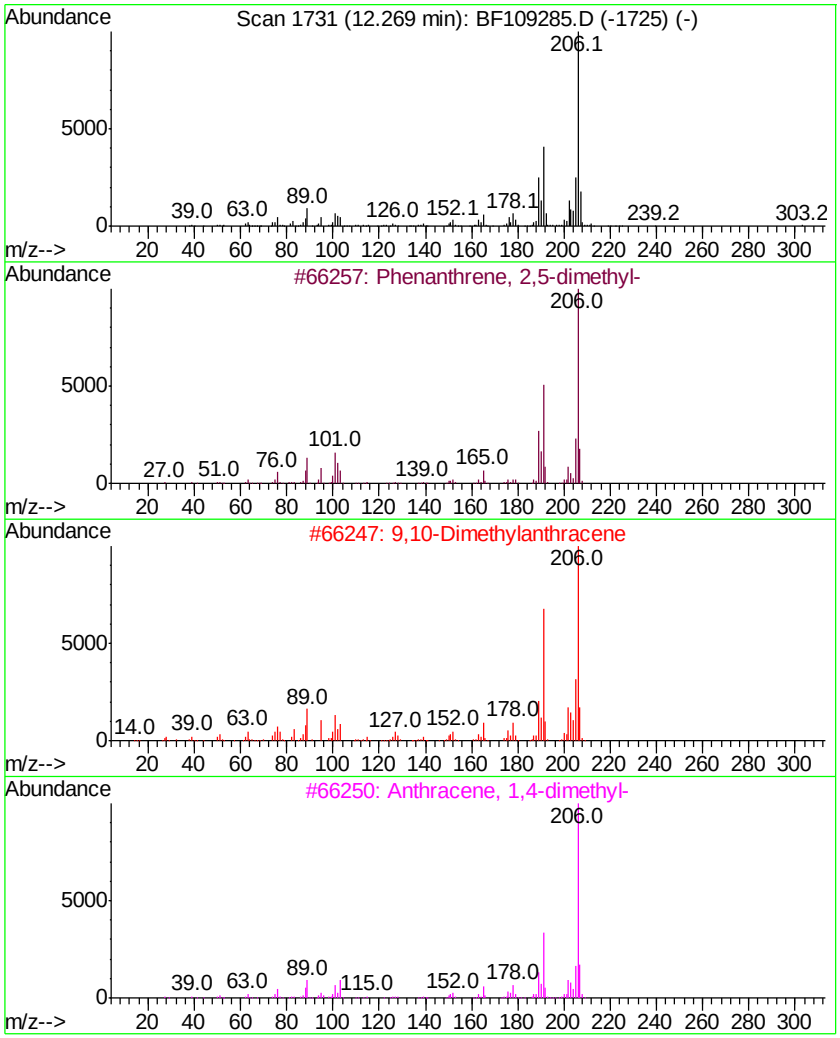
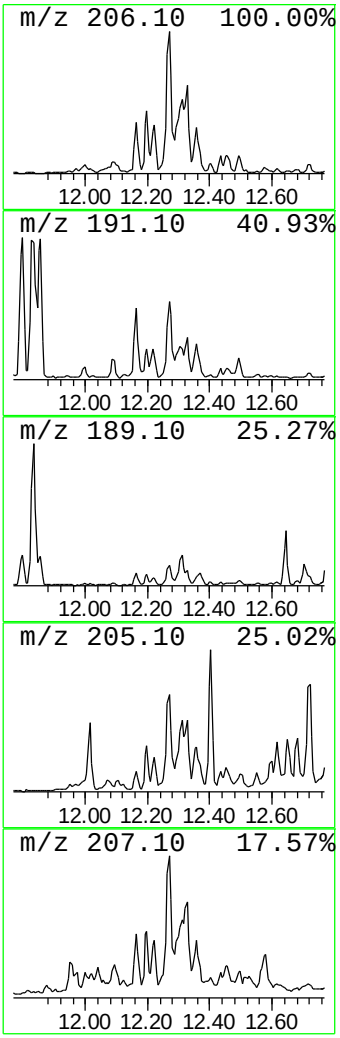
Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	11.57 ng	625259	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	92





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLRK-PH4-A12-B1

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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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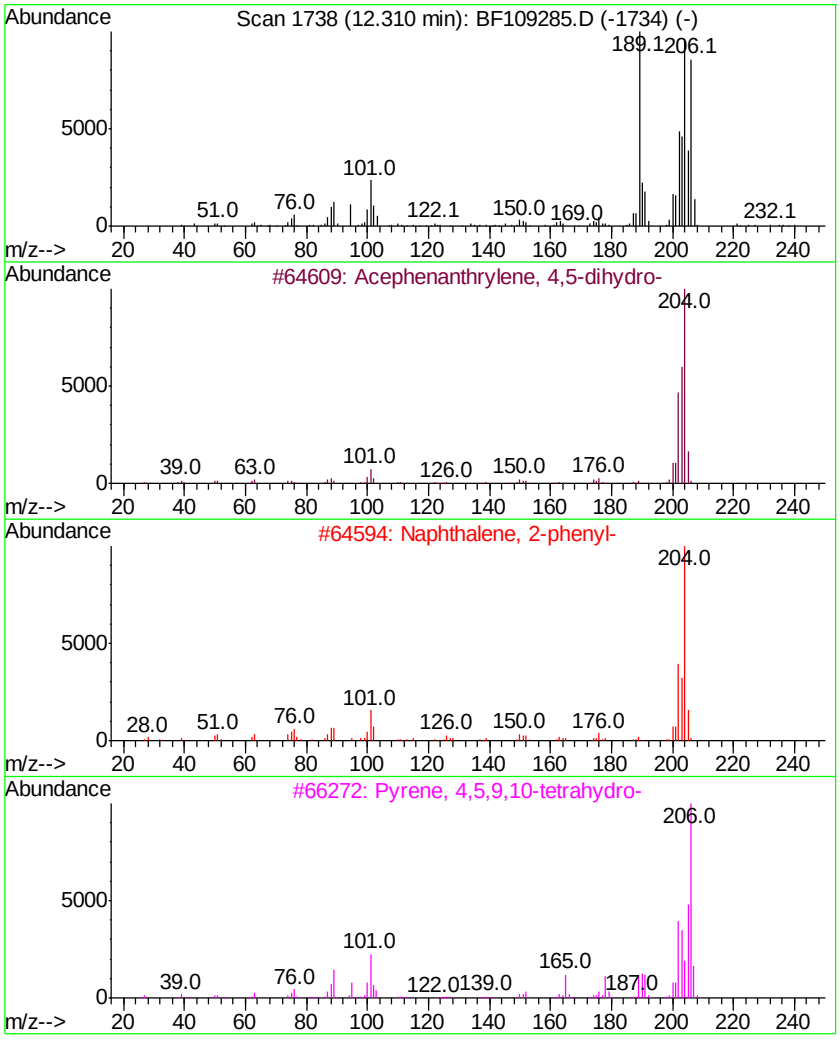
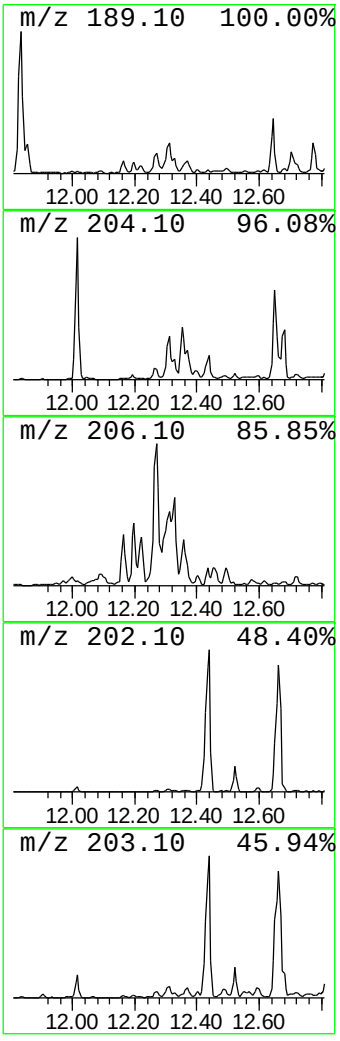
Peak Number 12 Acephenanthrylene, 4,5-dihy... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.31	7.33 ng	396111	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	74
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
3	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	55
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	35
5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	35





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Sample : J5042-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLRK-PH4-A12-B1

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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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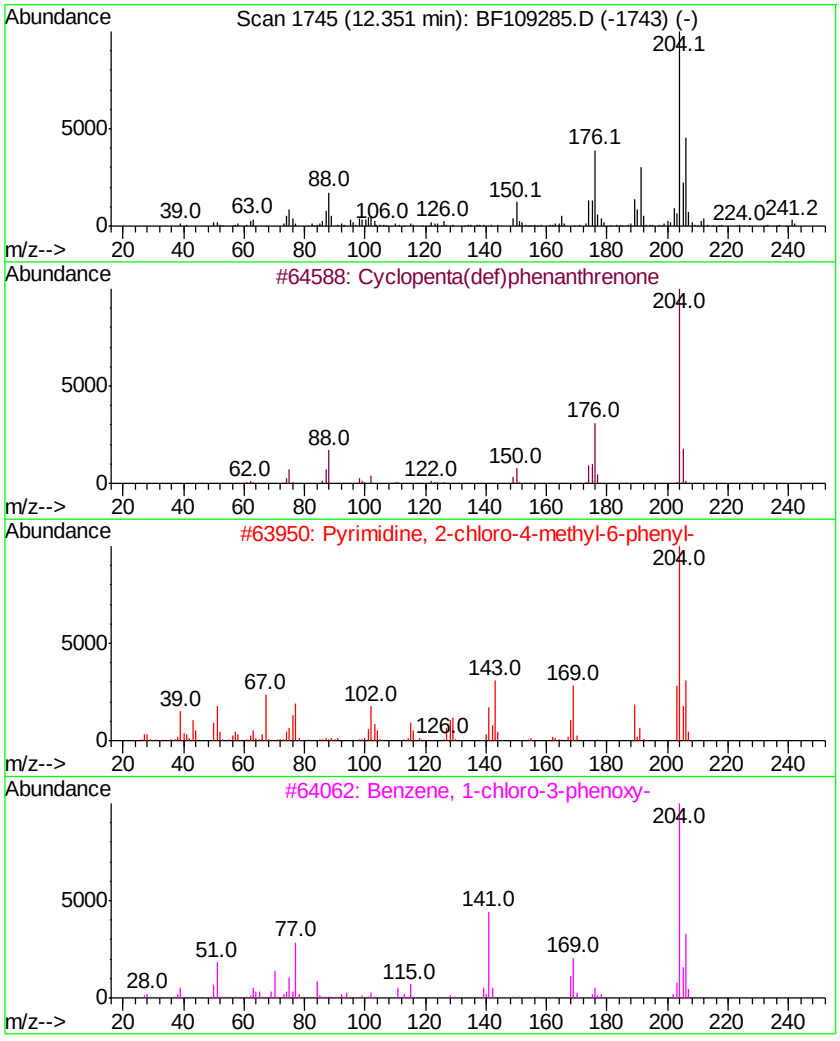
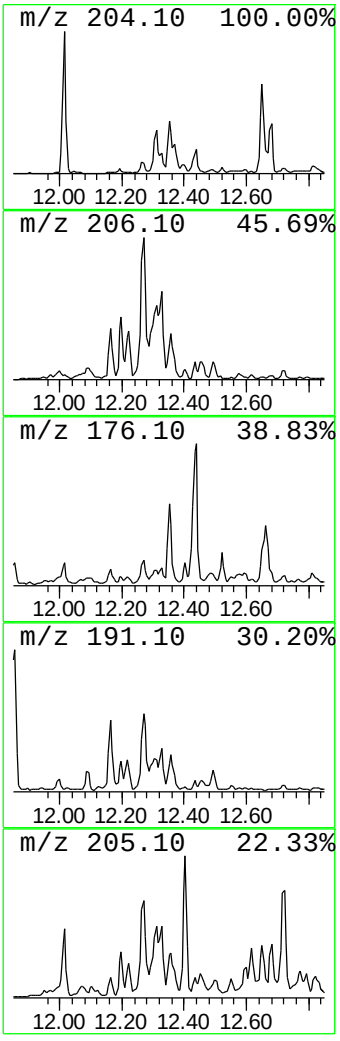
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	6.75 ng	364811	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	50
3	Benzene, 1-chloro-3-phenoxy-	204	C12H9ClO	006452-49-9	47
4	4-Methyl-6,7-methylenedioxycoumarin	204	C11H8O4	015071-04-2	46
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	45





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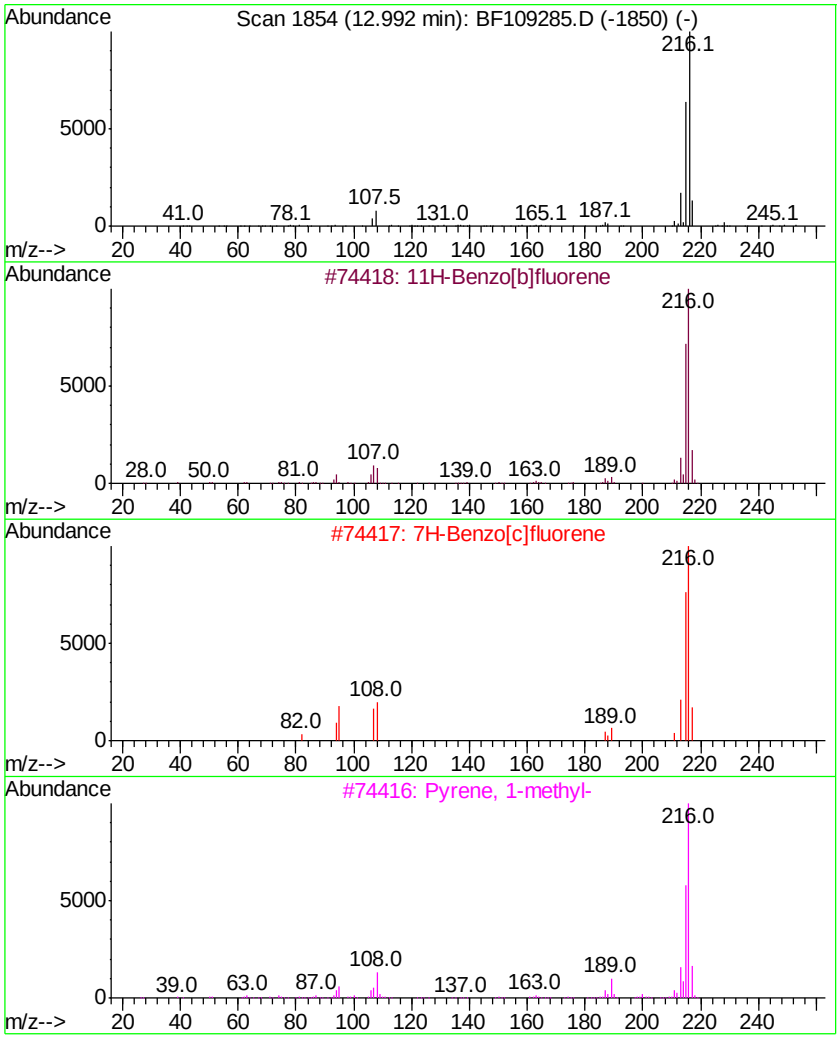
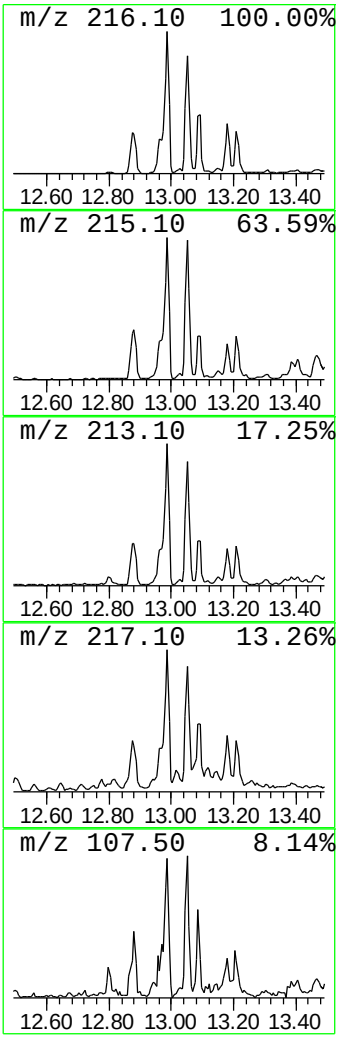
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	5.12 ng	1040350	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83





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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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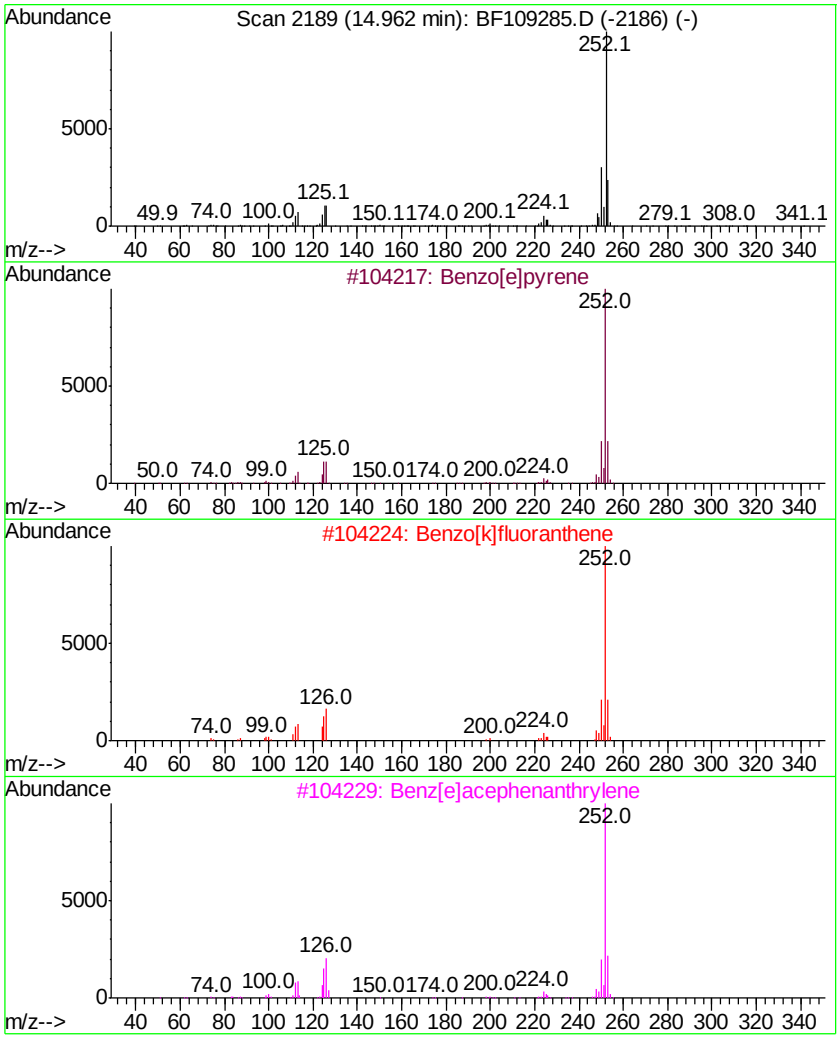
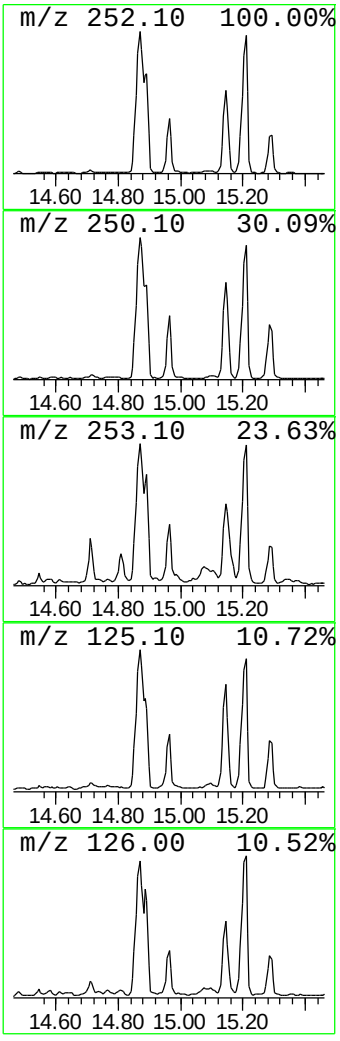
Peak Number 16 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	12.45 ng	529977	Perylene-d12	15.26

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	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	81





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

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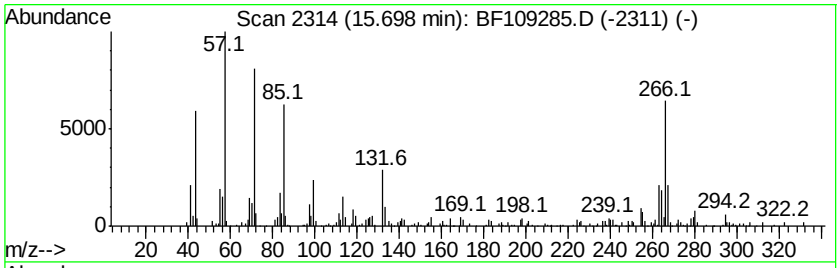
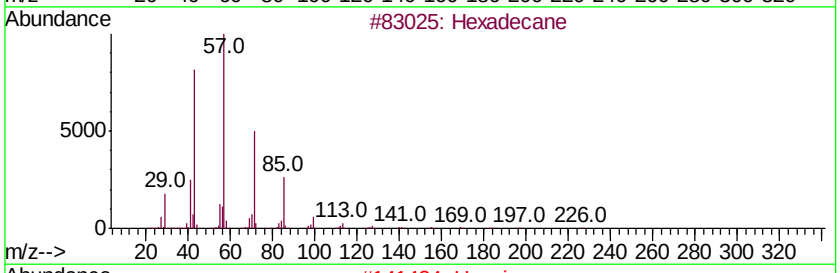
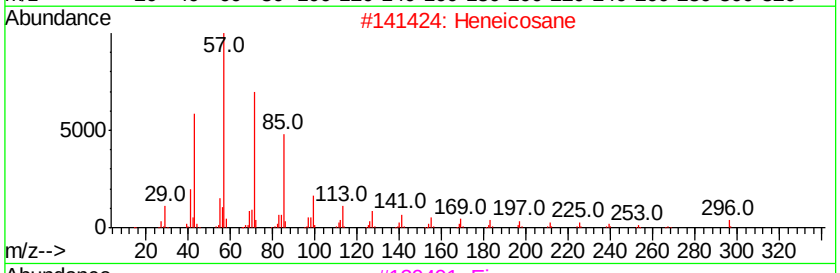
Peak Number 18 unknown15.70 Concentration Rank 19

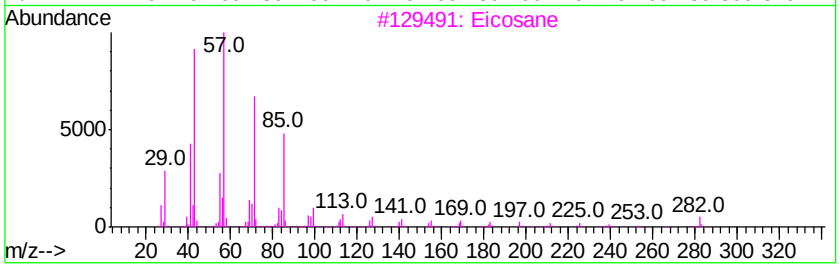
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.70	4.80 ng	204320	Perylene-d12	15.26

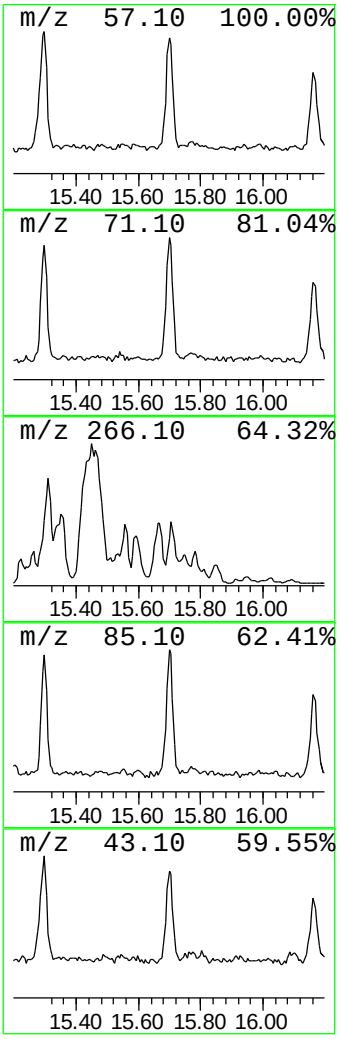
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	48
2	Heneicosane	296	C21H44	000629-94-7	46
3	Eicosane	282	C20H42	000112-95-8	45
4	Perylene, 3-methyl-	266	C21H14	024471-47-4	41
5	13H-Dibenzo[a,h]fluorene	266	C21H14	000239-85-0	38











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Sample : J5042-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLRK-PH4-A12-B1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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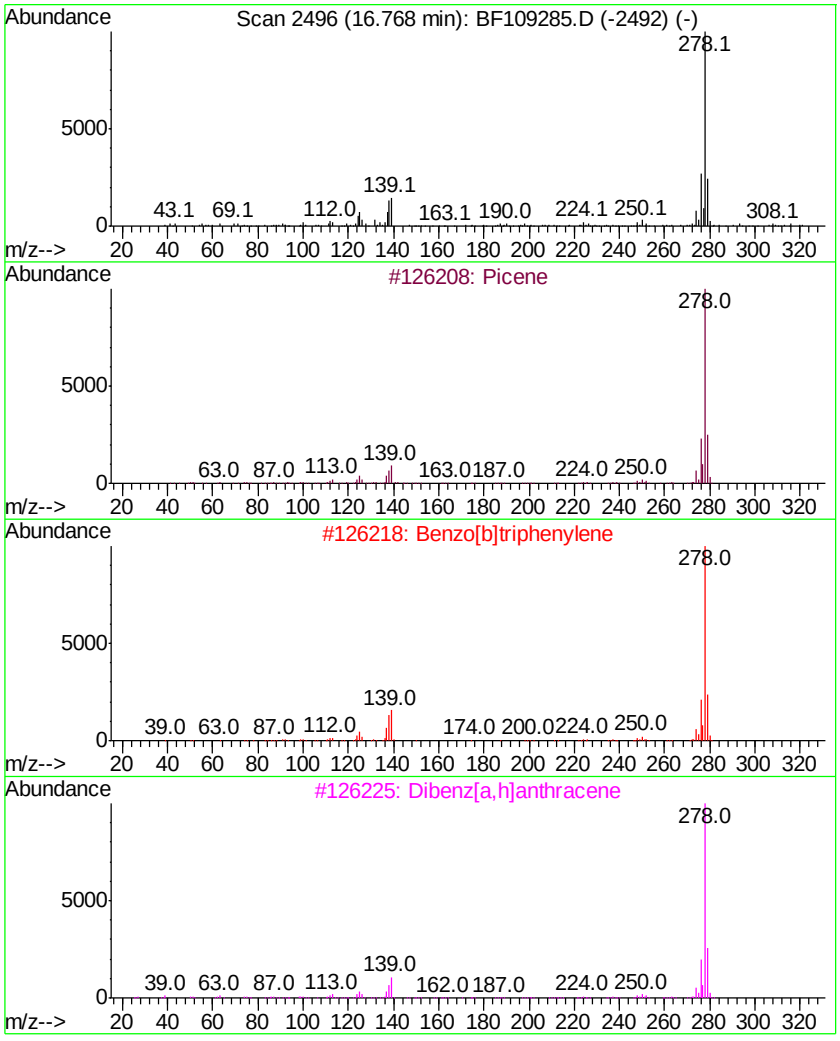
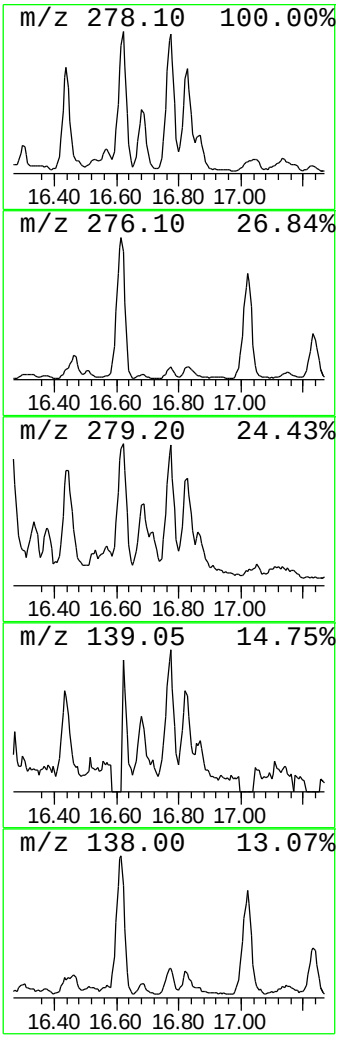
Peak Number 19 Picene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	5.08 ng	216249	Perylene-d12	15.26

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	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	98
4	Benzo[b]chrysene	278	C22H14	000214-17-5	97
5	Naphtho[1,2-a]anthracene	278	C22H14	000195-06-2	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092518\
Data File : BF109285.D
Acq On : 25 Sep 2018 15:07
Operator : JU/SJ
Sample : J5042-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLRK-PH4-A12-B1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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
unknown6.47	6.47	28.8	ng	993641	1	6.71	691254	20.0
9H-Fluorene, 2-me...	10.83	4.7	ng	254584	4	11.22	1080800	20.0
Anthracene, 1-met...	11.72	8.2	ng	441745	4	11.22	1080800	20.0
Phenanthrene, 2-m...	11.75	12.9	ng	697553	4	11.22	1080800	20.0
Phenanthrene, 1-m...	11.80	9.5	ng	512908	4	11.22	1080800	20.0
4H-Cyclopenta[def...	11.83	20.3	ng	1094310	4	11.22	1080800	20.0
1H-Cyclopropa[l]p...	11.85	7.4	ng	399889	4	11.22	1080800	20.0
Naphthalene, 2-ph...	12.02	7.5	ng	403992	4	11.22	1080800	20.0
Phenanthrene, 4,5...	12.16	5.3	ng	287223	4	11.22	1080800	20.0
Phenanthrene, 2,5...	12.27	11.6	ng	625259	4	11.22	1080800	20.0
Acephenanthrylene...	12.31	7.3	ng	396111	4	11.22	1080800	20.0
Cyclopenta(def)ph...	12.35	6.8	ng	364811	4	11.22	1080800	20.0
11H-Benzo[b]fluorene	12.99	5.1	ng	1040350	5	13.86	4060930	20.0
Benzo[e]pyrene	14.96	12.4	ng	529977	6	15.26	851564	20.0
unknown15.70	15.70	4.8	ng	204320	6	15.26	851564	20.0
Picene	16.77	5.1	ng	216249	6	15.26	851564	20.0