LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
Data File : BF109286.D
Acq On : 25 Sep 2018 15:33
Operator : JU/SJ
Sample : J5042-04 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLRK-PH4-A9-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	5.316	545	549	558	rVB	929340	899300	33.14%	1.921%
2	6.339	720	723	730	rVB	1062940	958565	35.33%	2.047%
3	6.475	742	746	749	rBV	1181486	960515	35.40%	2.052%
4	6.710	782	786	789	rBV	849137	674250	24.85%	1.440%
5	6.863	808	812	815	rBV	927567	759150	27.98%	1.622%
6	7.263	875	880	887	rBV	657155	613753	22.62%	1.311%
7	7.992	1000	1004	1006	rBV	1062519	985514	36.32%	2.105%
8	8.010	1006	1007	1011	rVV	598513	405064	14.93%	0.865%
9	8.704	1120	1125	1128	rBV	345993	275093	10.14%	0.588%
10	8.798	1136	1141	1145	rVB	253851	225483	8.31%	0.482%
11	9.063	1182	1186	1190	rBV	1372570	1126539	41.52%	2.406%
12	9.163	1200	1203	1206	rBV	125149	97112	3.58%	0.207%
13	9.328	1225	1231	1235	rBV	145343	204710	7.54%	0.437%
14	9.404	1239	1244	1246	rBV	228377	227226	8.37%	0.485%
15	9.428	1246	1248	1251	rVV	153255	117260	4.32%	0.250%
16	9.457	1251	1253	1258	rVV	341660	286566	10.56%	0.612%
17	9.516	1258	1263	1268	rVB2	106188	131723	4.85%	0.281%
18	9.598	1273	1277	1283	rVB	292820	244270	9.00%	0.522%
19	9.739	1296	1301	1304	rBV	1145216	1050897	38.73%	2.245%
20	9.775	1304	1307	1310	rVB	658645	559281	20.61%	1.195%
21	9.945	1332	1336	1339	rVB	452629	374640	13.81%	0.800%
22	10.057	1350	1355	1358	rBV2	108793	128486	4.73%	0.274%
23	10.151	1366	1371	1372	rBV2	85774	105313	3.88%	0.225%
24	10.286	1391	1394	1400	rVB	670966	583332	21.50%	1.246%
25	10.445	1418	1421	1423	rVV	181062	163371	6.02%	0.349%
26	10.522	1427	1434	1439	rBV2	881567	872399	32.15%	1.863%
27	10.651	1453	1456	1458	rBV3	91255	91611	3.38%	0.196%
28	10.833	1482	1487	1490	rBV2	170222	213558	7.87%	0.456%
29	10.916	1498	1501	1504	rVB	93903	91671	3.38%	0.196%
30	10.963	1504	1509	1511	rBV	153655	170736	6.29%	0.365%
31	10.980	1511	1512	1514	rVV	126914	100487	3.70%	0.215%
32	11.027	1517	1520	1524	rVV3	112208	126602	4.67%	0.270%
33	11.069	1524	1527	1531	rVV	139053	158062	5.82%	0.338%
34	11.116	1531	1535	1541	rVB	182679	224442	8.27%	0.479%

LSC Area Percent Report

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Data File : BF109286.D
Acq On : 25 Sep 2018 15:33
Operator : JU/SJ
Sample : J5042-04 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLRK-PH4-A9-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	11.222	1549	1553	1554	rBV	996416	892331	32.88%	1.906%
36	11.245	1554	1557	1560	rVV	2465342	2144952	79.05%	4.582%
37	11.292	1560	1565	1568	rVB	1035153	903378	33.29%	1.930%
38	11.327	1568	1571	1575	rBV2	148958	156361	5.76%	0.334%
39	11.474	1593	1596	1600	rVV3	76809	94151	3.47%	0.201%
40	11.516	1600	1603	1607	rVV2	83093	92597	3.41%	0.198%
41	11.721	1632	1638	1640	rBV	402181	385115	14.19%	0.823%
42	11.751	1640	1643	1647	rVB	555278	523292	19.28%	1.118%
43	11.792	1647	1650	1653	rBV	386656	349913	12.90%	0.747%
44	11.833	1653	1657	1659	rVV	695811	769717	28.37%	1.644%
45	11.851	1659	1660	1665	rVB	330284	223152	8.22%	0.477%
46	12.016	1682	1688	1690	rBV	285149	266274	9.81%	0.569%
47	12.163	1708	1713	1716	rBV2	146762	157934	5.82%	0.337%
48	12.198	1716	1719	1720	rBV	97971	95614	3.52%	0.204%
49	12.216	1720	1722	1725	rVB	114135	103035	3.80%	0.220%
50	12.269	1725	1731	1734	rBV2	305842	465240	17.15%	0.994%
51	12.304	1734	1737	1739	rVV	165507	199483	7.35%	0.426%
52	12.321	1739	1740	1743	rVB	132805	99703	3.67%	0.213%
53	12.351	1743	1745	1751	rVB2	164886	215276	7.93%	0.460%
54	12.433	1755	1759	1762	rBV	2885070	2606635	96.06%	5.568%
55	12.474	1763	1766	1768	rBV	142834	128814	4.75%	0.275%
56	12.521	1771	1774	1777	rVB	390430	300337	11.07%	0.642%
57	12.574	1777	1783	1785	rBV3	93594	138886	5.12%	0.297%
58	12.657	1791	1797	1800	rBV2	2231306	2713541	100.00%	5.796%
59	12.704	1803	1805	1811	rVB3	182175	248465	9.16%	0.531%
60	12.774	1814	1817	1818	rBV	271714	218960	8.07%	0.468%
61	12.798	1818	1821	1829	rVB	999879	973735	35.88%	2.080%
62	12.874	1829	1834	1837	rBV2	250356	413321	15.23%	0.883%
63	12.939	1841	1845	1846	rBV3	106681	117059	4.31%	0.250%
64	12.957	1846	1848	1850	rVV2	194305	228444	8.42%	0.488%
65	12.980	1850	1852	1856	rVB	636419	585114	21.56%	1.250%
66	13.051	1860	1864	1866	rBV	564361	488622	18.01%	1.044%
67	13.086	1866	1870	1873	rVV2	416151	420315	15.49%	0.898%
68	13.145	1877	1880	1883	rBV3	101039	129573	4.78%	0.277%
69	13.174	1883	1885	1888	rVB	196008	156741	5.78%	0.335%
70	13.210	1888	1891	1895	rBV2	204100	229351	8.45%	0.490%
71	13.463	1931	1934	1936	rBV3	113090	144540	5.33%	0.309%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J5042-04 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLRK-PH4-A9-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

72	13.592	1952	1956	1959	rBV3	159430	231758	8.54%	0.495%
73	13.627	1959	1962	1964	rVV	250224	277704	10.23%	0.593%
74	13.651	1964	1966	1971	rVV2	183146	296711	10.93%	0.634%
75	13.845	1992	1999	2002	rBV2	1897153	2710734	99.90%	5.790%
76	13.874	2002	2004	2010	rVB	1288954	1238268	45.63%	2.645%
77	13.951	2015	2017	2020	rVV	216787	196606	7.25%	0.420%
78	13.986	2021	2023	2028	rVV	234951	226721	8.36%	0.484%
79	14.033	2028	2031	2033	rVB3	146075	135599	5.00%	0.290%
80	14.063	2033	2036	2041	rBV2	127060	192240	7.08%	0.411%
81	14.198	2056	2059	2061	rVV	114979	125471	4.62%	0.268%
82	14.233	2062	2065	2068	rVV	422440	438283	16.15%	0.936%
83	14.262	2068	2070	2074	rVV	198597	201200	7.41%	0.430%
84	14.327	2078	2081	2083	rVV3	253283	264778	9.76%	0.566%
85	14.357	2083	2086	2088	rVV3	221158	237260	8.74%	0.507%
86	14.380	2088	2090	2093	rVB3	232611	202770	7.47%	0.433%
87	14.704	2141	2145	2148	rBV4	89188	142734	5.26%	0.305%
88	14.862	2167	2172	2174	rBV	1028776	1470789	54.20%	3.142%
89	14.886	2174	2176	2179	rVB	644436	523921	19.31%	1.119%
90	14.957	2185	2188	2192	rVB	326301	336231	12.39%	0.718%
91	15.139	2215	2219	2225	rVB	583451	748595	27.59%	1.599%
92	15.204	2225	2230	2234	rVB	980115	1214599	44.76%	2.594%
93	15.257	2234	2239	2241	rBV	633609	729130	26.87%	1.557%
94	15.280	2241	2243	2250	rVB3	377660	554445	20.43%	1.184%
95	15.698	2311	2314	2319	rVB2	113329	147727	5.44%	0.316%
96	15.774	2324	2327	2331	rVB2	88803	103616	3.82%	0.221%
97	16.609	2463	2469	2476	rVB2	339618	615770	22.69%	1.315%
98	16.762	2492	2495	2500	rBV	72100	106887	3.94%	0.228%
99	17.009	2532	2537	2546	rVB	216118	394445	14.54%	0.843%
100	17.227	2570	2574	2579	rVB	94171	165301	6.09%	0.353%

Sum of corrected areas: 46817245

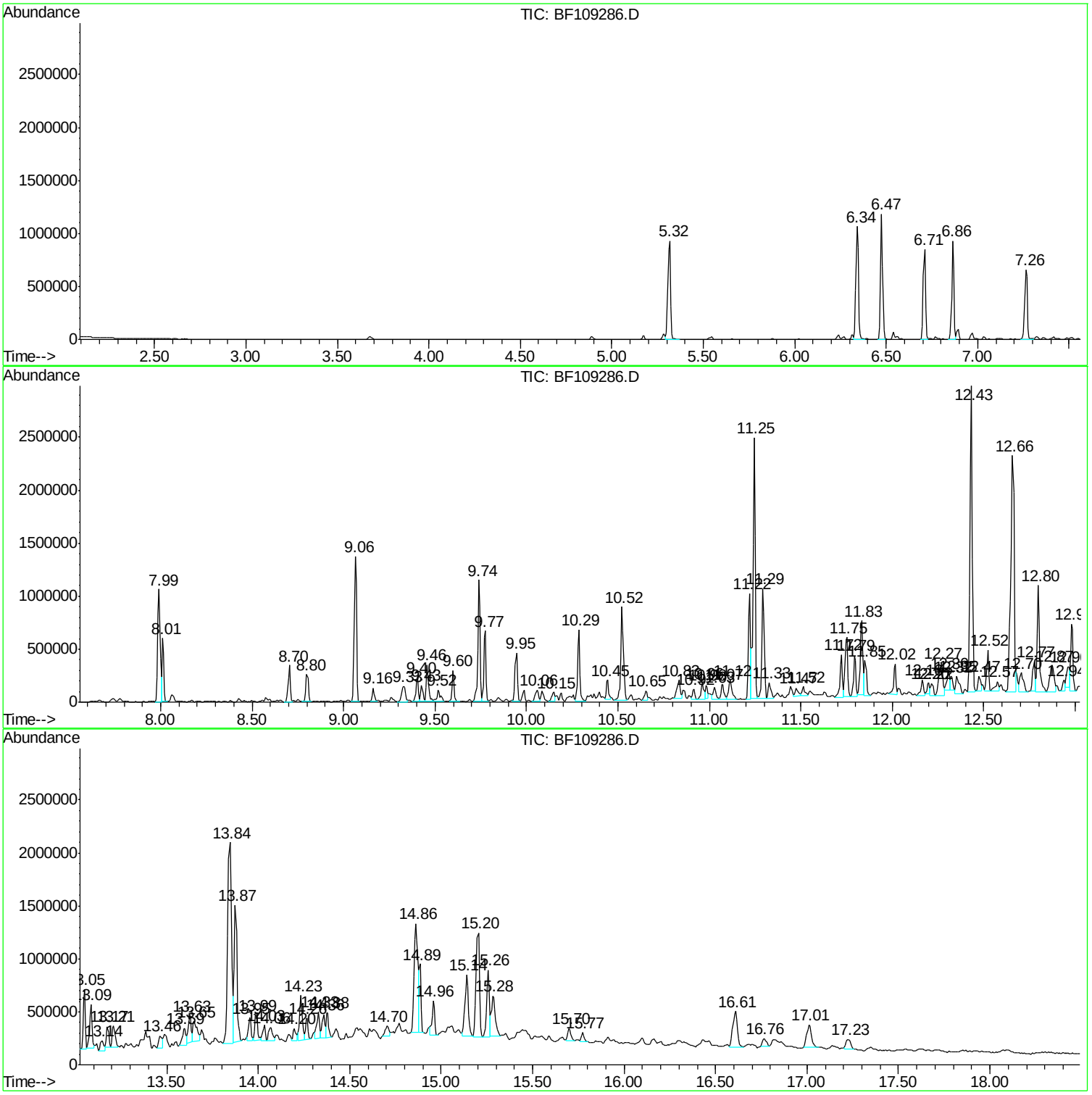
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
Data File : BF109286.D
Acq On : 25 Sep 2018 15:33
Operator : JU/SJ
Sample : J5042-04 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLRK-PH4-A9-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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
Data File : BF109286.D
Acq On : 25 Sep 2018 15:33
Operator : JU/SJ
Sample : J5042-04 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLRK-PH4-A9-B1

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

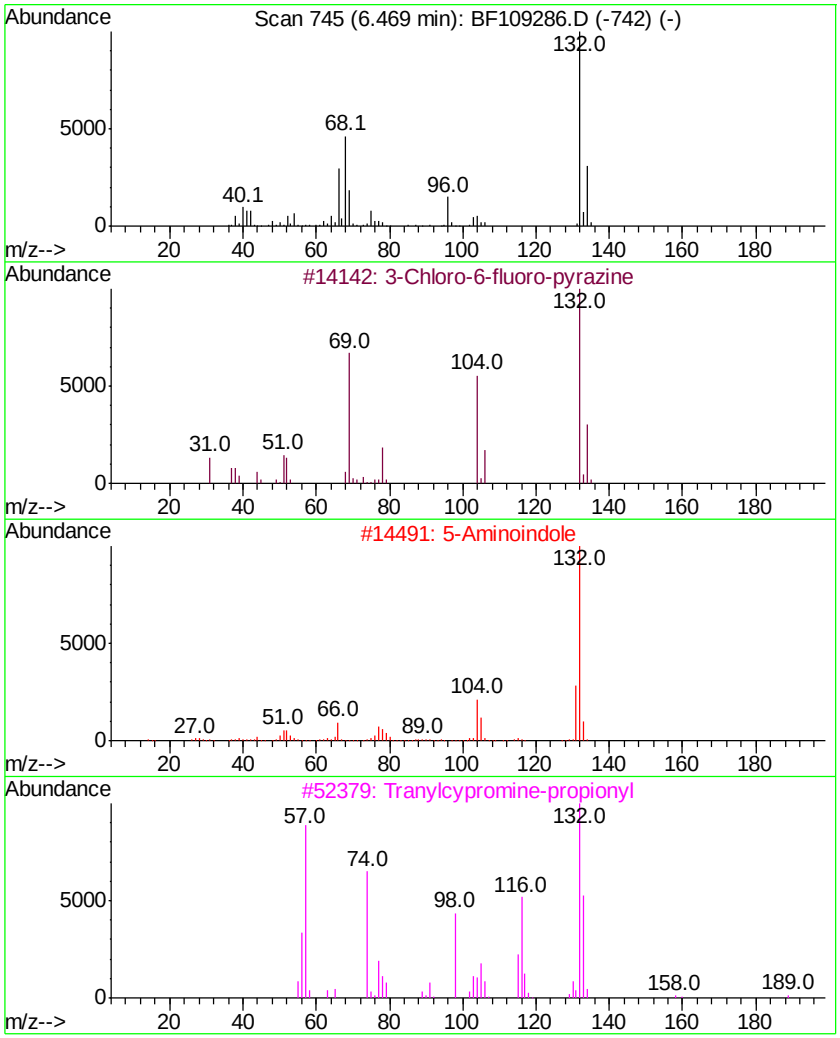
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

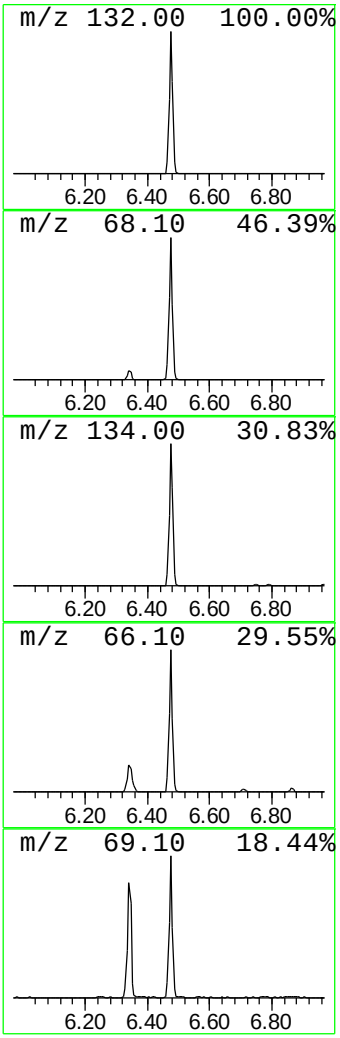
****

Peak Number 1 unknown6.47 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	28.49 ng	960515	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	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
Data File : BF109286.D
Acq On : 25 Sep 2018 15:33
Operator : JU/SJ
Sample : J5042-04 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLRK-PH4-A9-B1

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

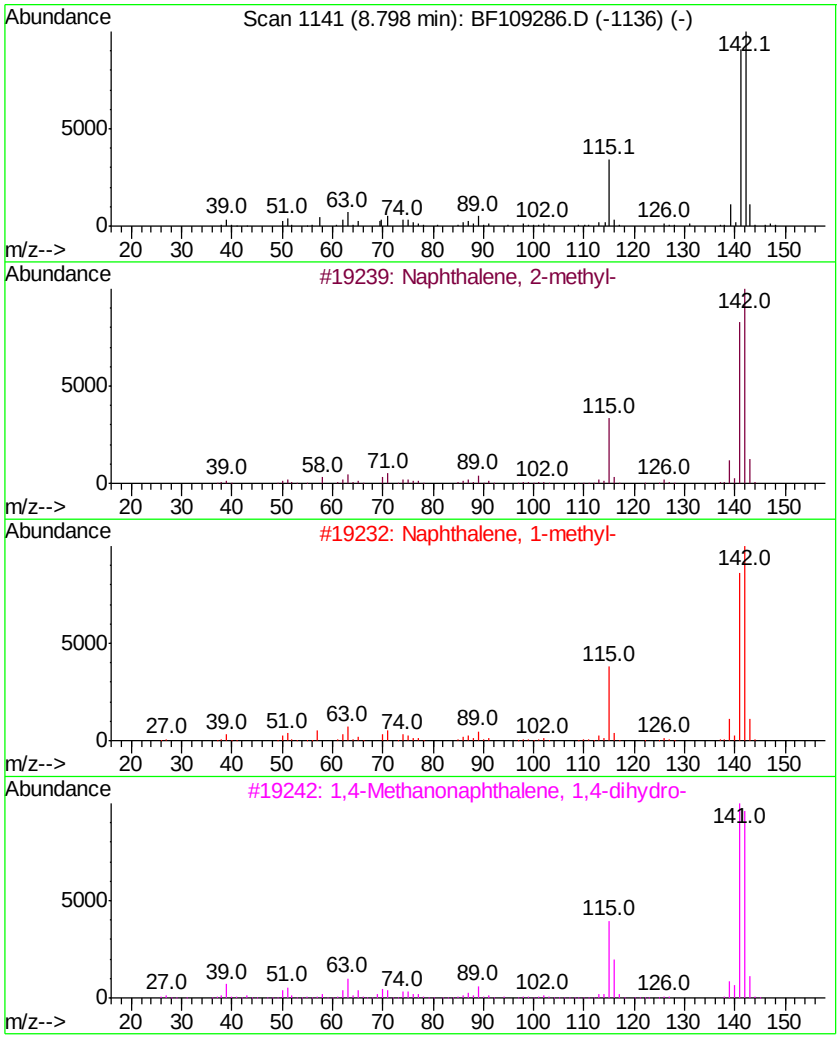
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

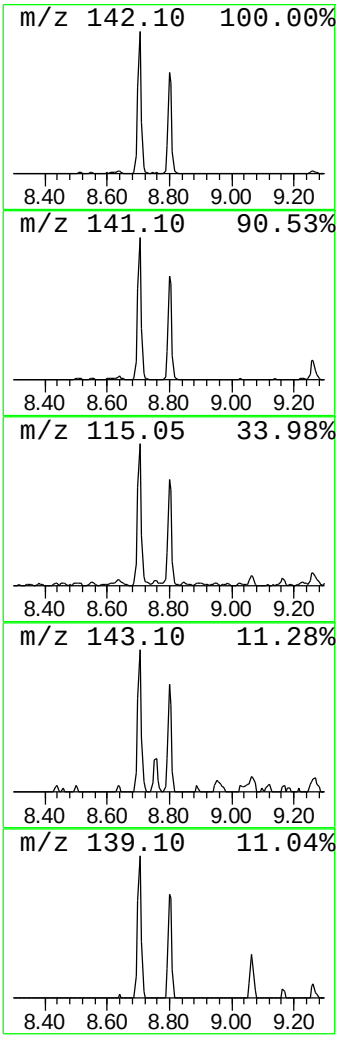
****

Peak Number 3 Naphthalene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	4.58 ng	225483	Naphthalene-d8	7.99

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	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64





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Sample : J5042-04 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLRK-PH4-A9-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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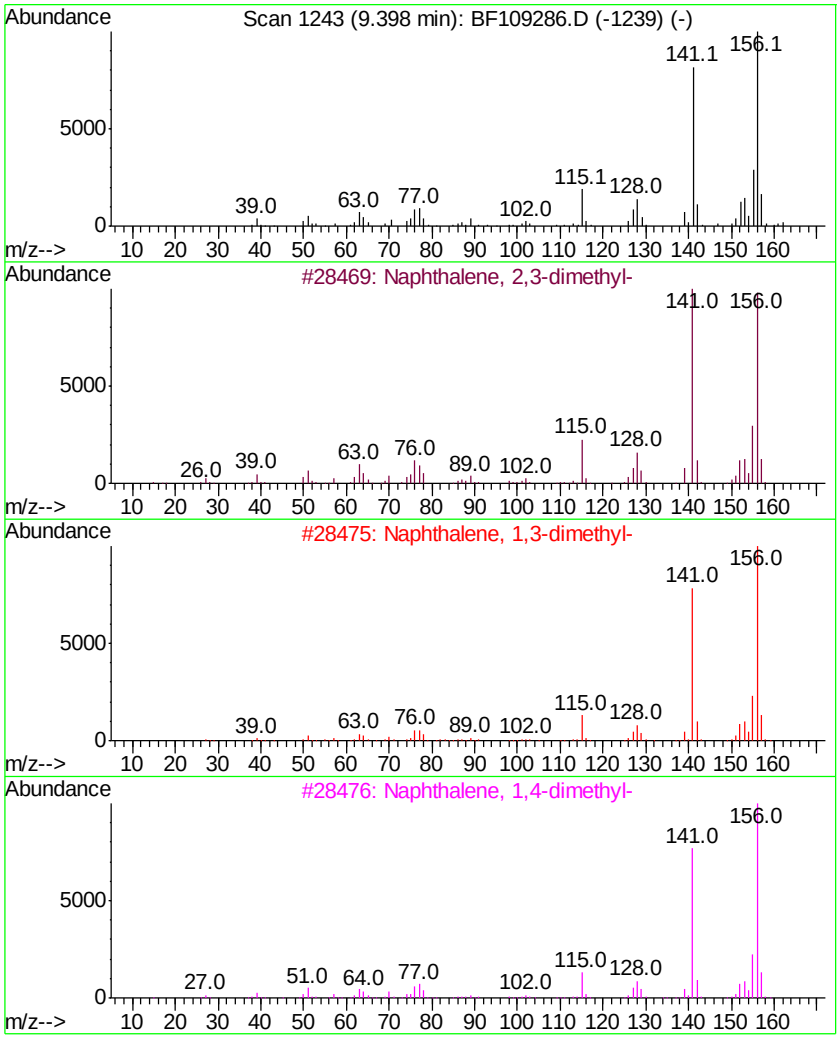
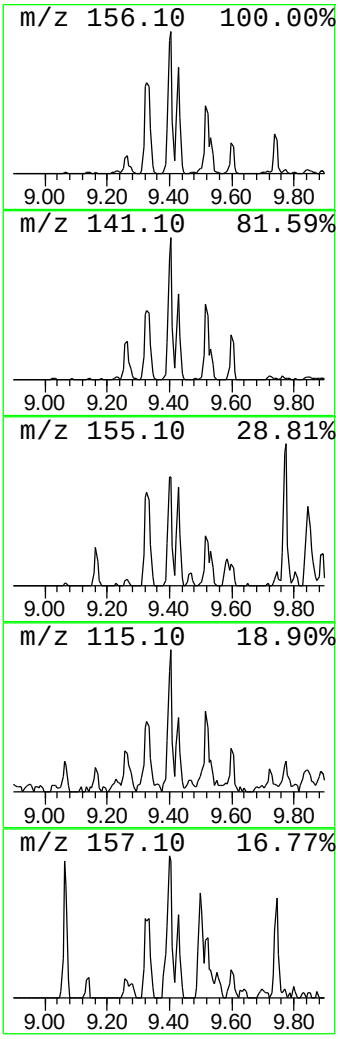
Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	4.32 ng	227226	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
Data File : BF109286.D
Acq On : 25 Sep 2018 15:33
Operator : JU/SJ
Sample : J5042-04 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLRK-PH4-A9-B1

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

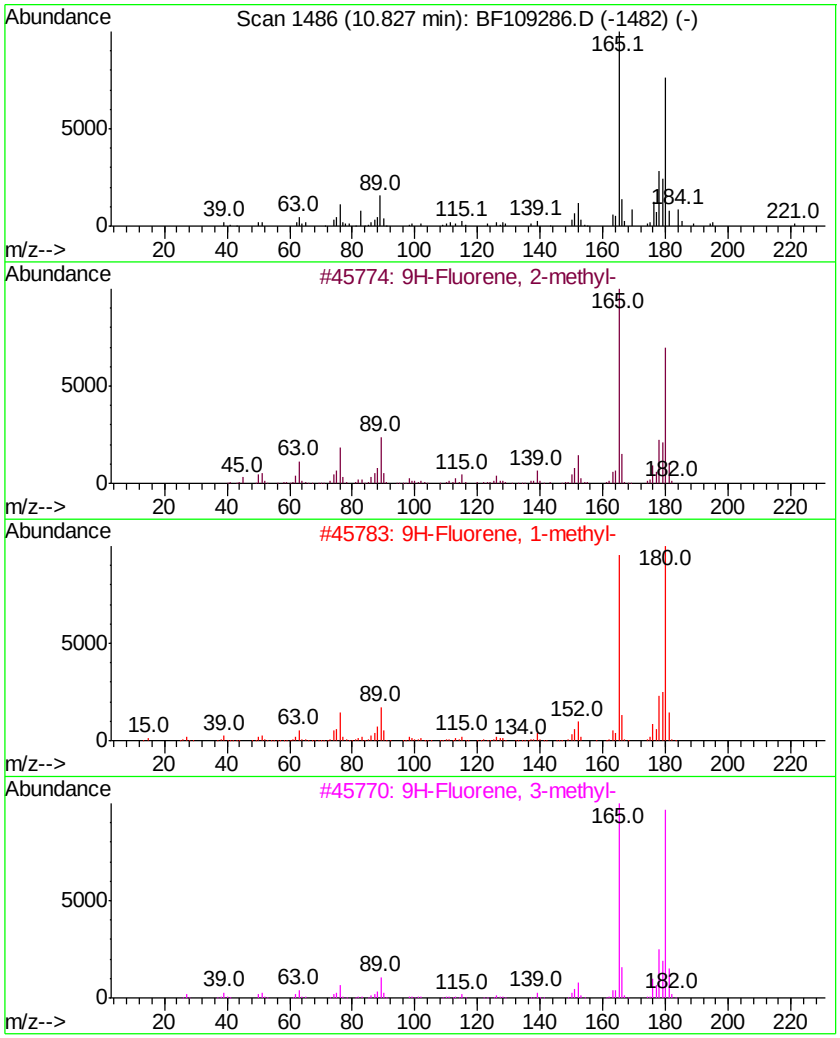
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

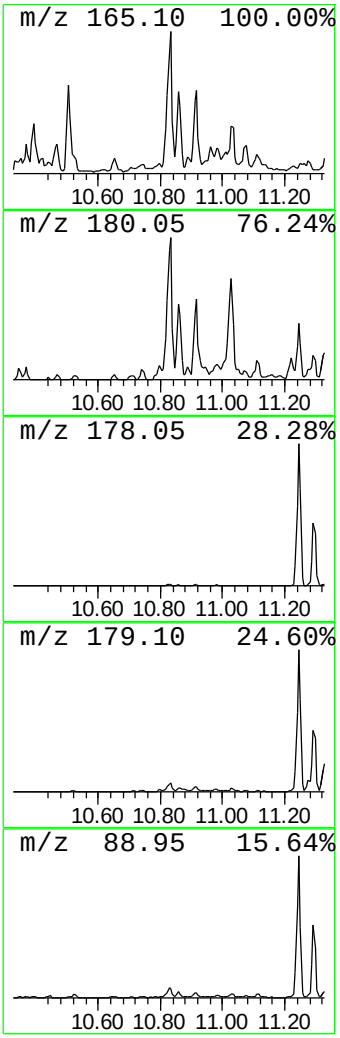
****

Peak Number 5 9H-Fluorene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	4.79 ng	213558	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	92
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	83
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	64
4	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	62
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
Data File : BF109286.D
Acq On : 25 Sep 2018 15:33
Operator : JU/SJ
Sample : J5042-04 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLRK-PH4-A9-B1

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

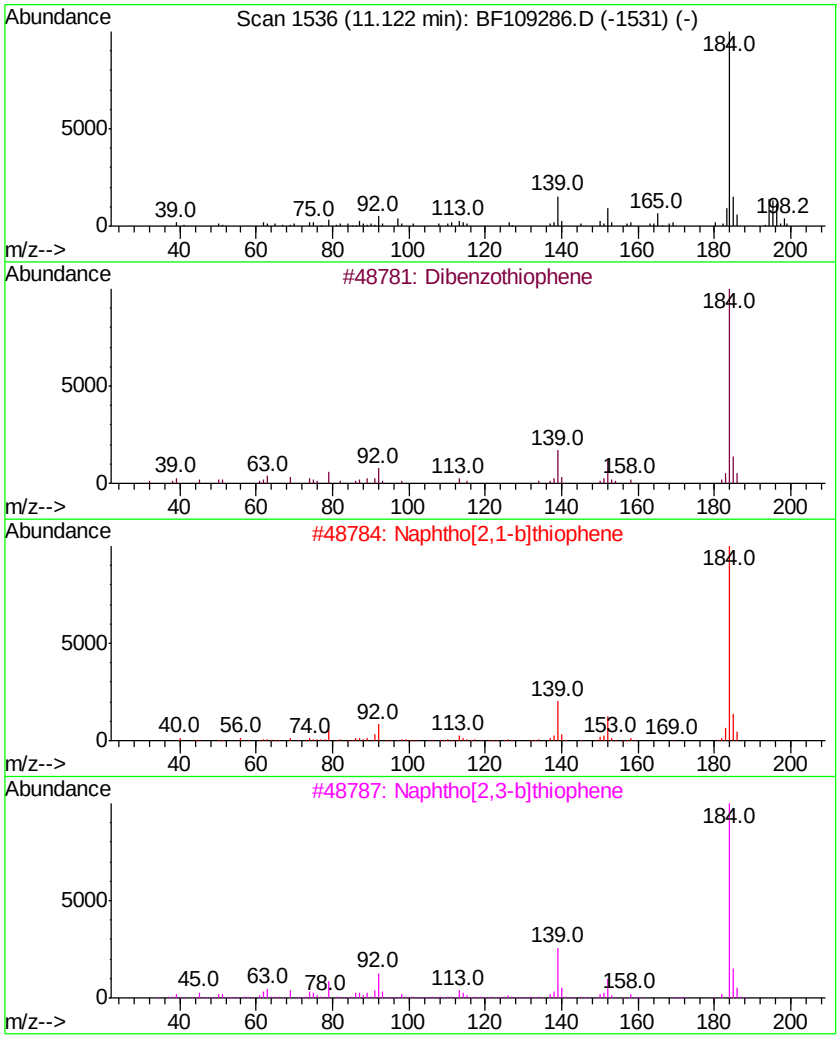
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

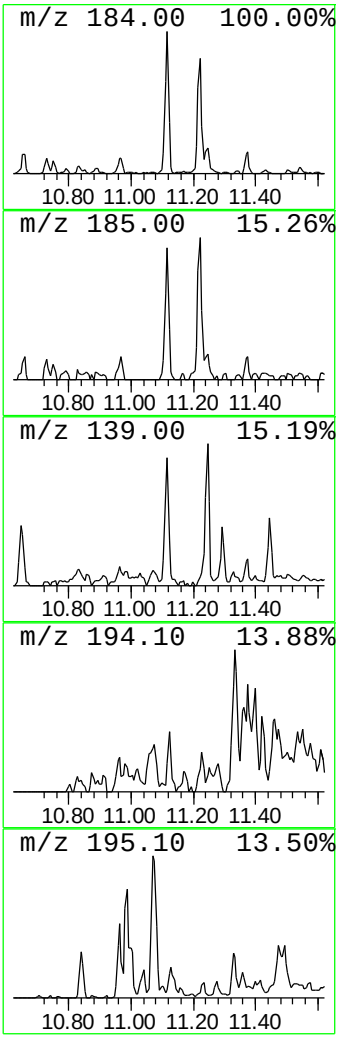
****

Peak Number 6 Dibenzothiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	5.03 ng	224442	Phenanthrene-d10	11.22

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





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Data File : BF109286.D
Acq On : 25 Sep 2018 15:33
Operator : JU/SJ
Sample : J5042-04 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLRK-PH4-A9-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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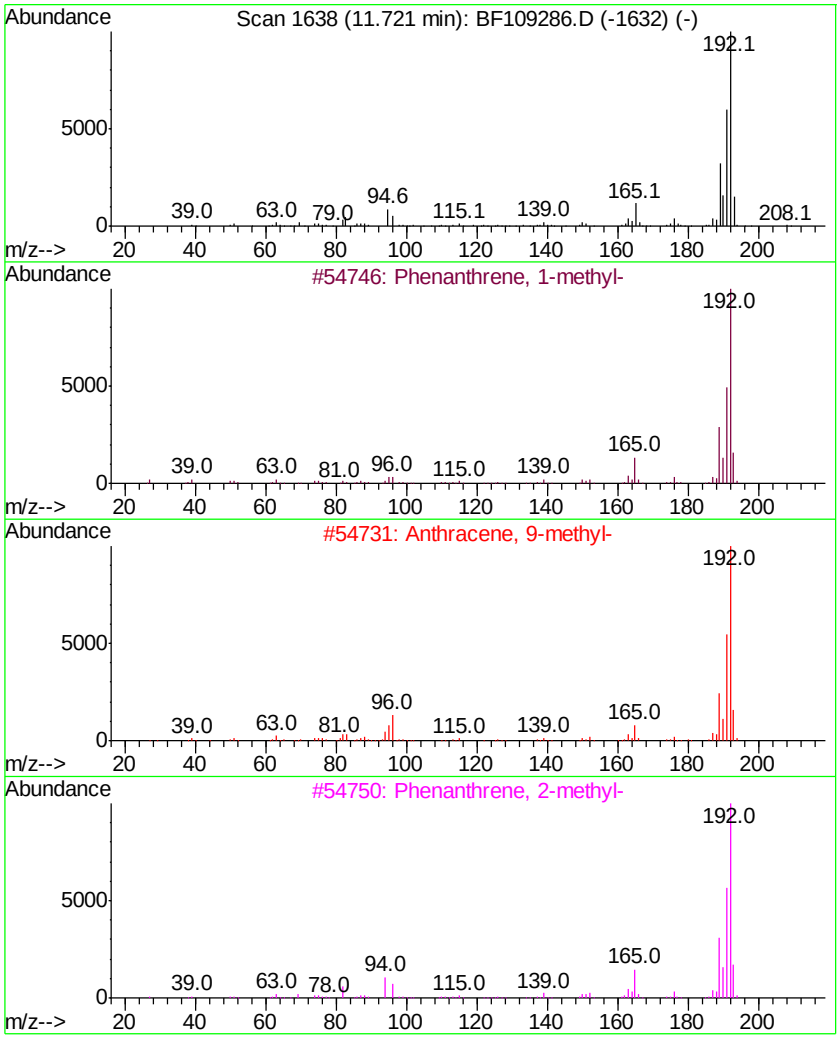
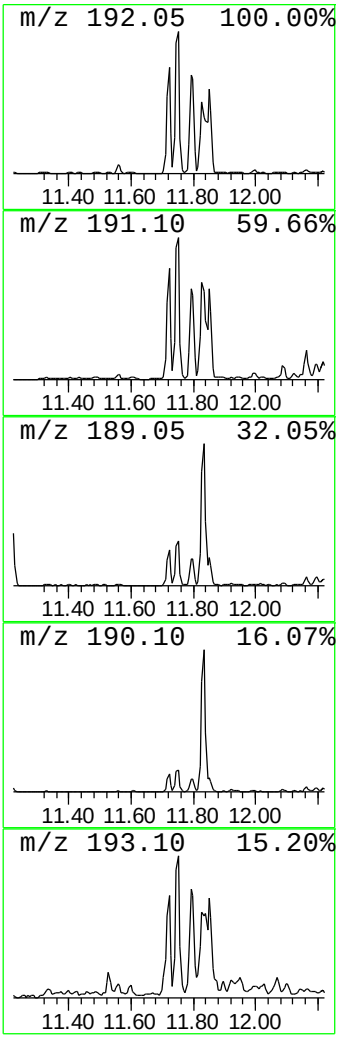
Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	8.63 ng	385115	Phenanthrene-d10	11.22

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





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Sample : J5042-04 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLRK-PH4-A9-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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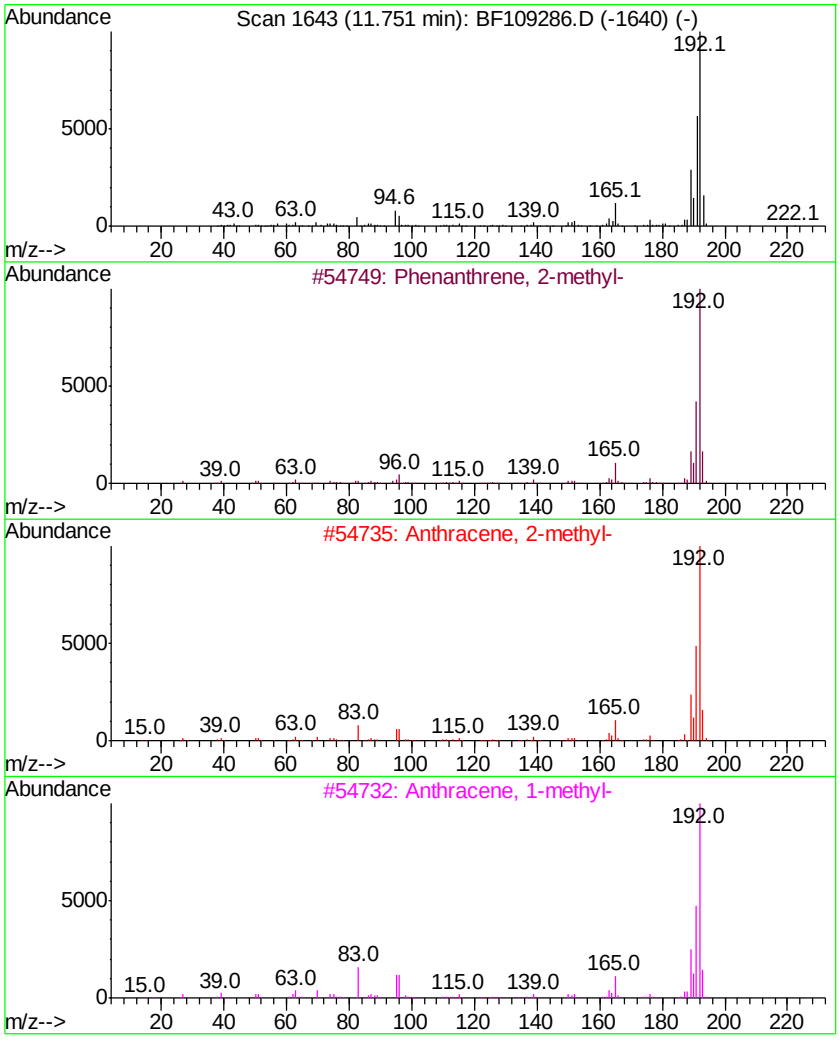
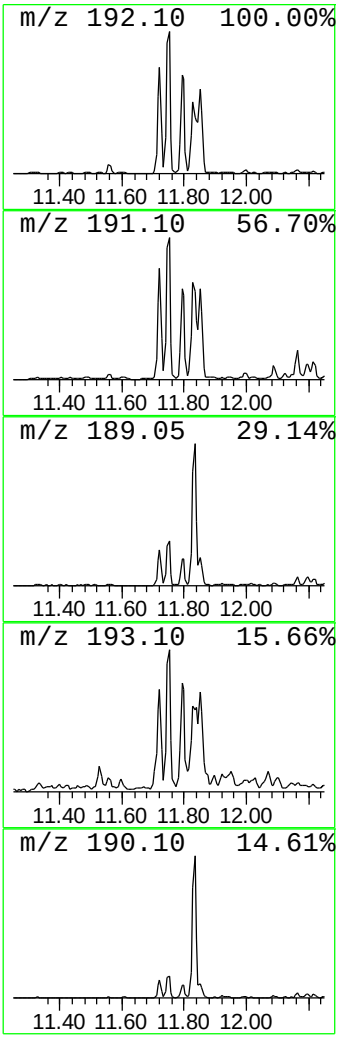
Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	11.73 ng	523292	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLRK-PH4-A9-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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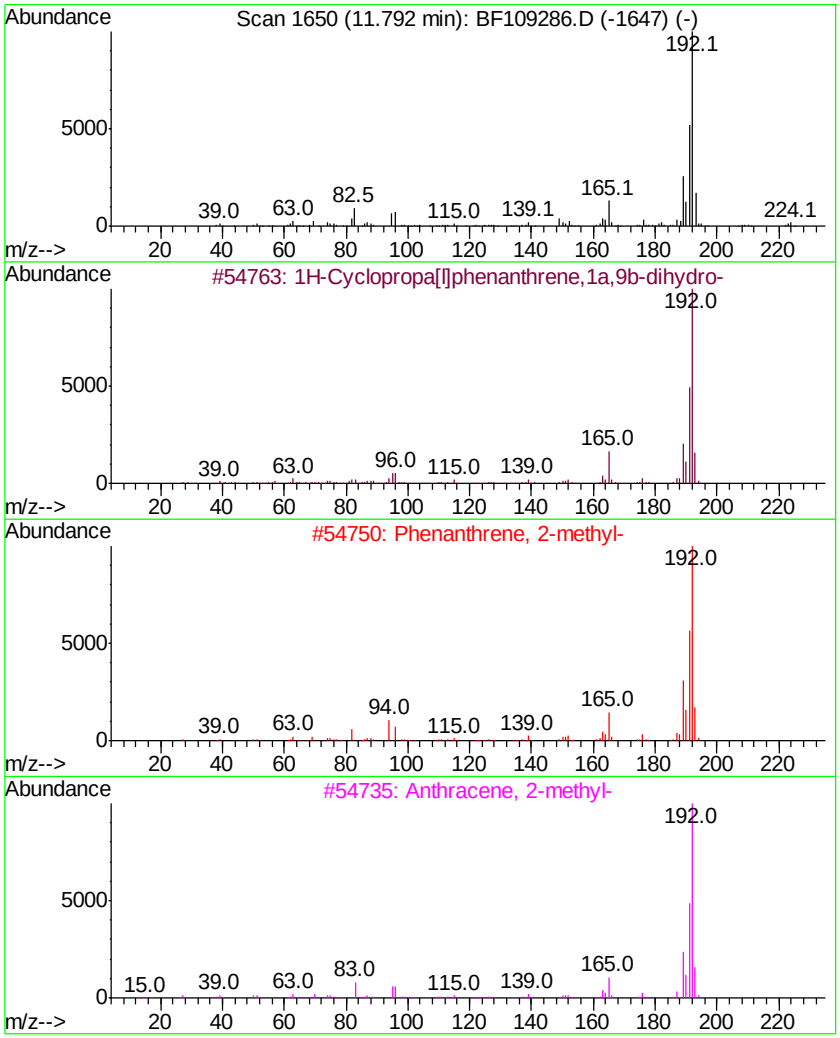
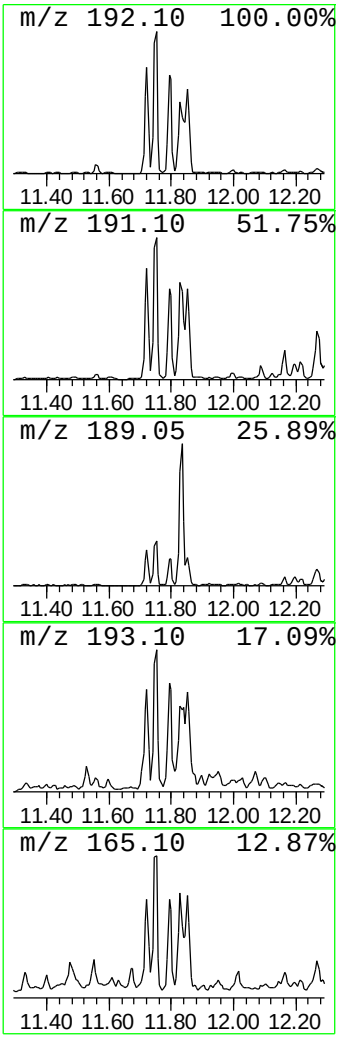
Peak Number 9 1H-Cyclopropa[l]phenanthren... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	7.84 ng	349913	Phenanthrene-d10	11.22

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





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLRK-PH4-A9-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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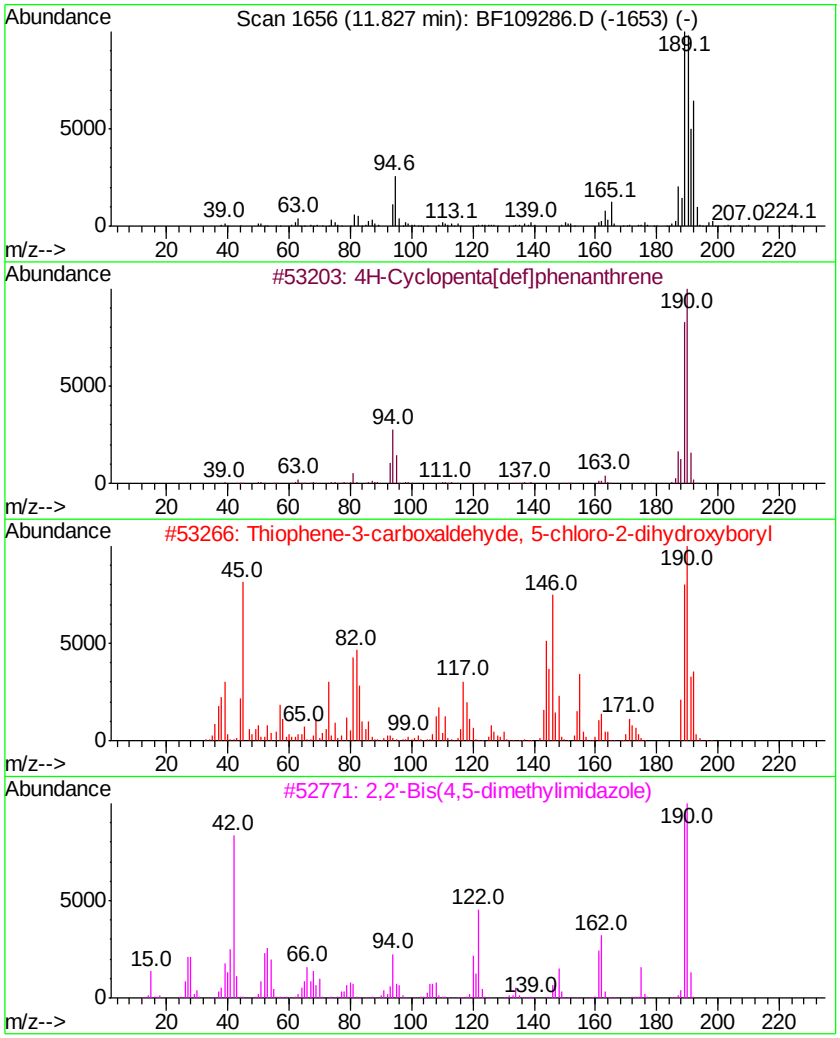
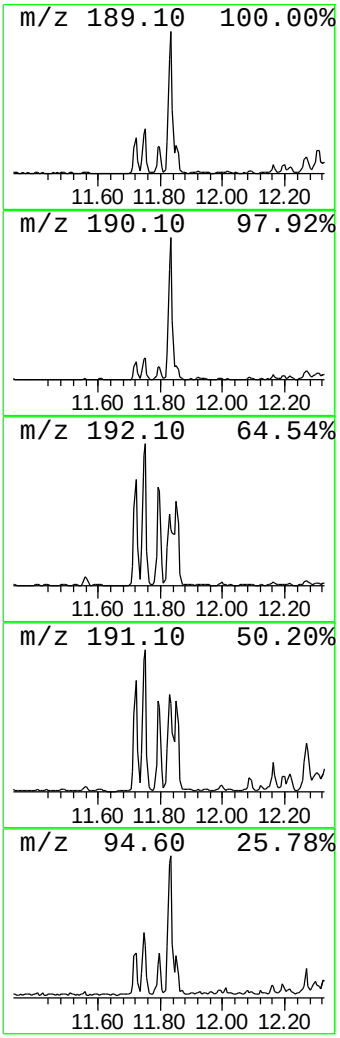
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	17.25 ng	769717	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
4	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	17
5	Carbonic acid, 2-formyl-4,6-dich...	276	C11H10Cl2O4	1000331-39-3	17





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Misc :
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Instrument : BNA_F
ClientSampleId : NYSEG-CLRK-PH4-A9-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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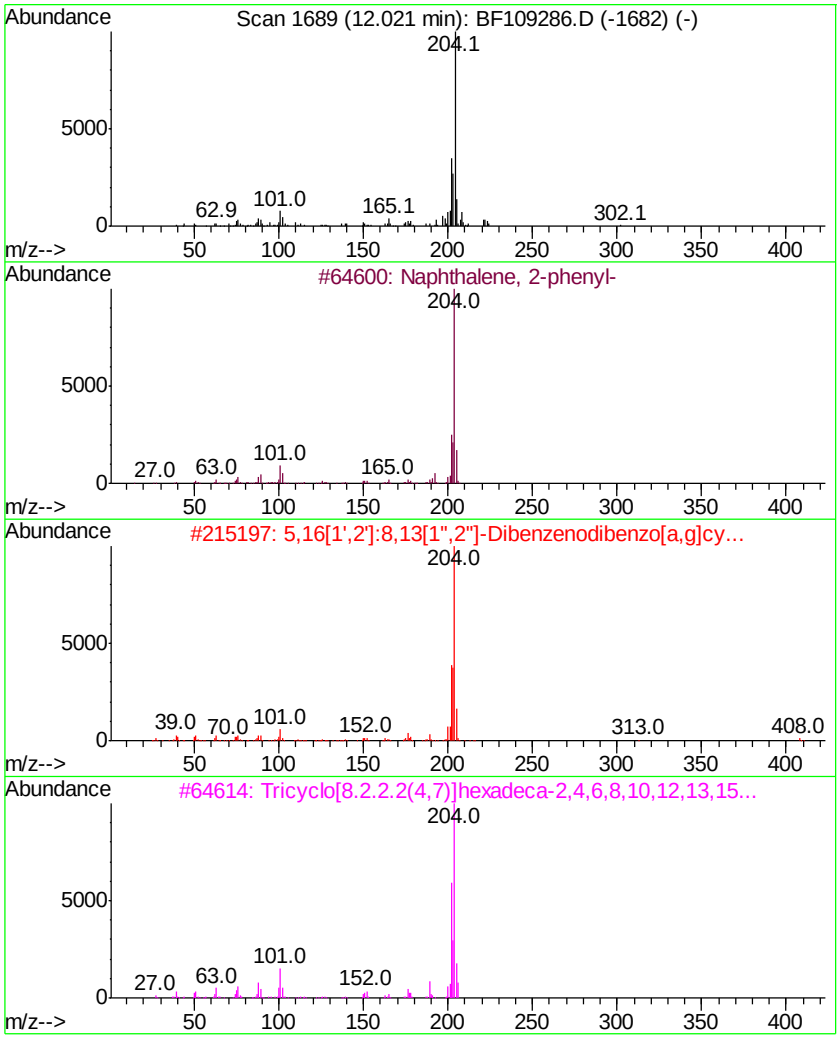
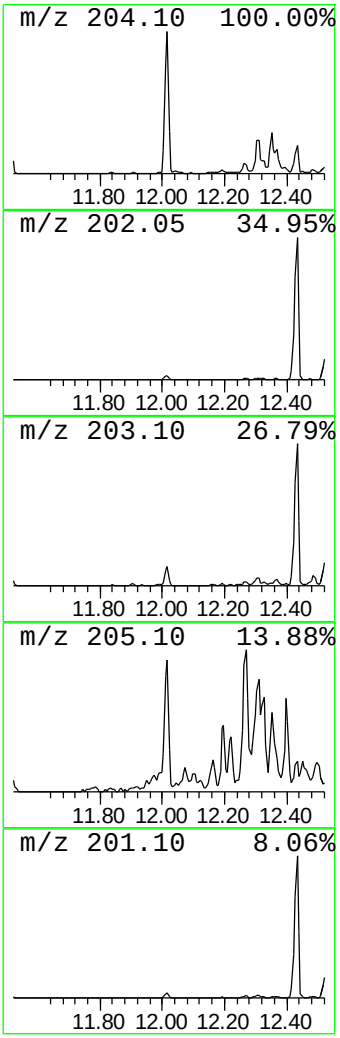
Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	5.97 ng	266274	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
4	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	64
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62





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Sample : J5042-04 2X
Misc :
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Instrument : BNA_F
ClientSampleId : NYSEG-CLRK-PH4-A9-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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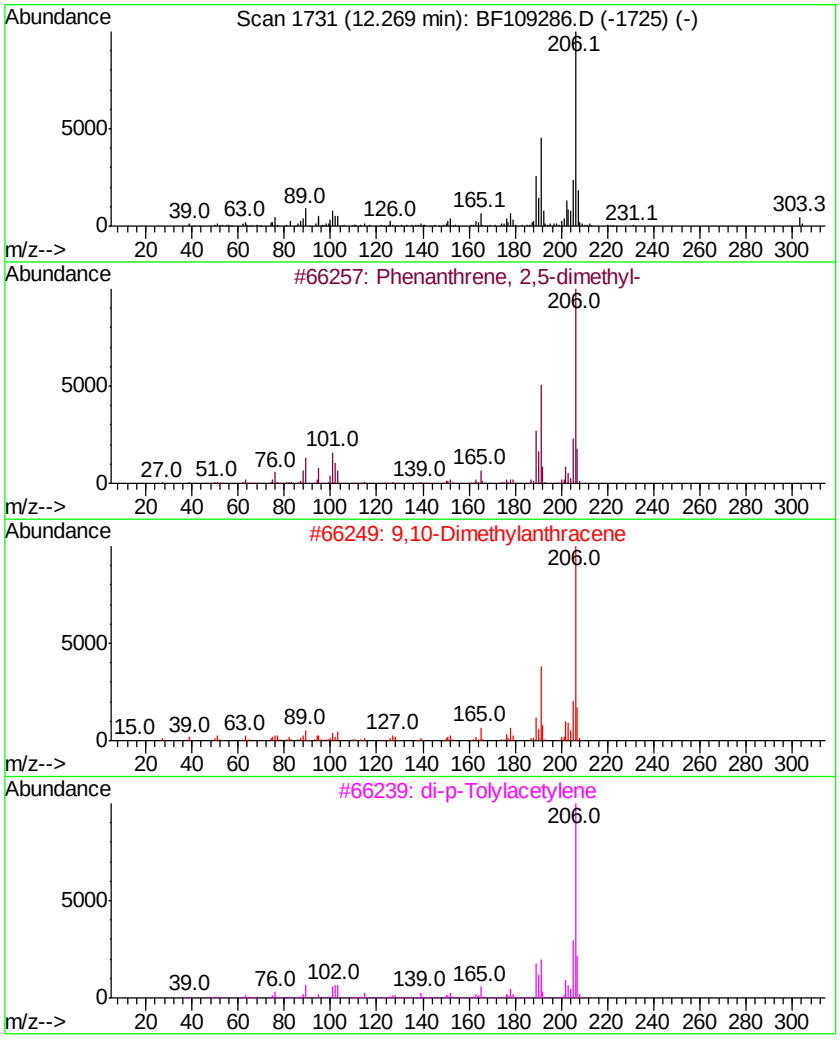
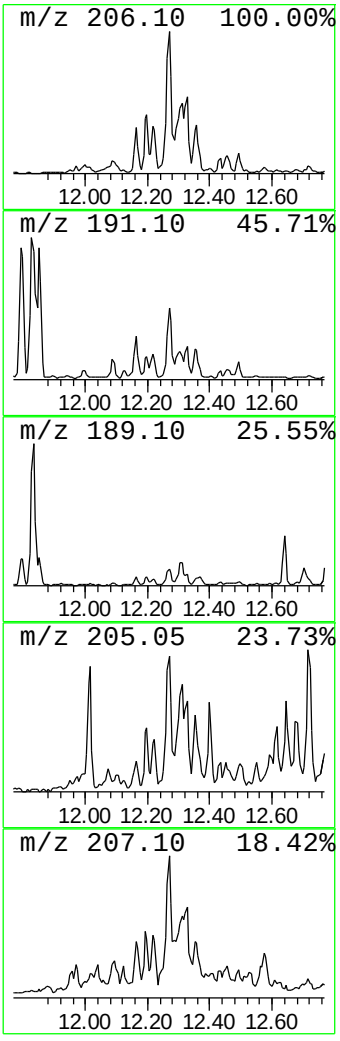
Peak Number 13 9,10-Dimethylanthracene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	10.43 ng	465240	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	95
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93





Library Search Compound Report

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Sample : J5042-04 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLRK-PH4-A9-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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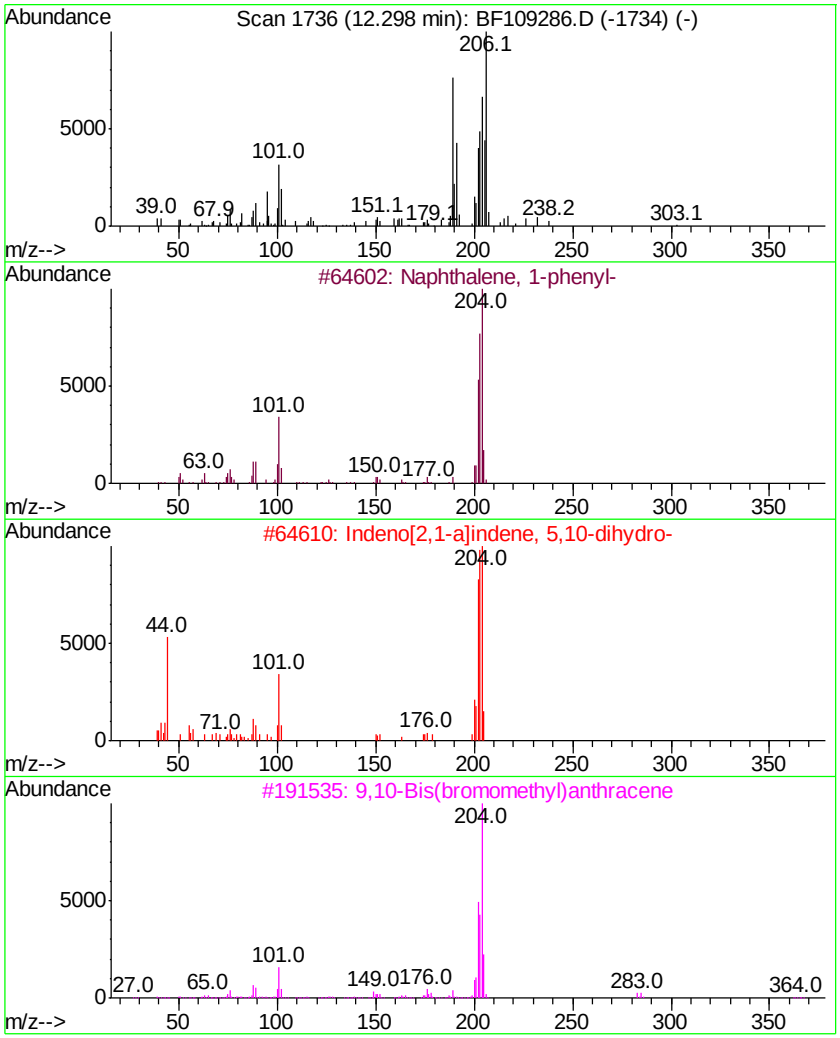
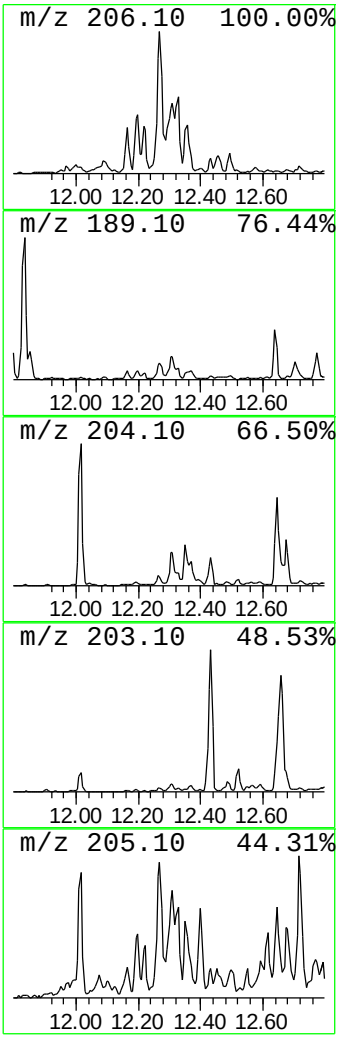
Peak Number 14 unknown12.30 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	4.47 ng	199483	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	44
2	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	44
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	43
4	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	38
5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	35





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Operator : JU/SJ
Sample : J5042-04 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLRK-PH4-A9-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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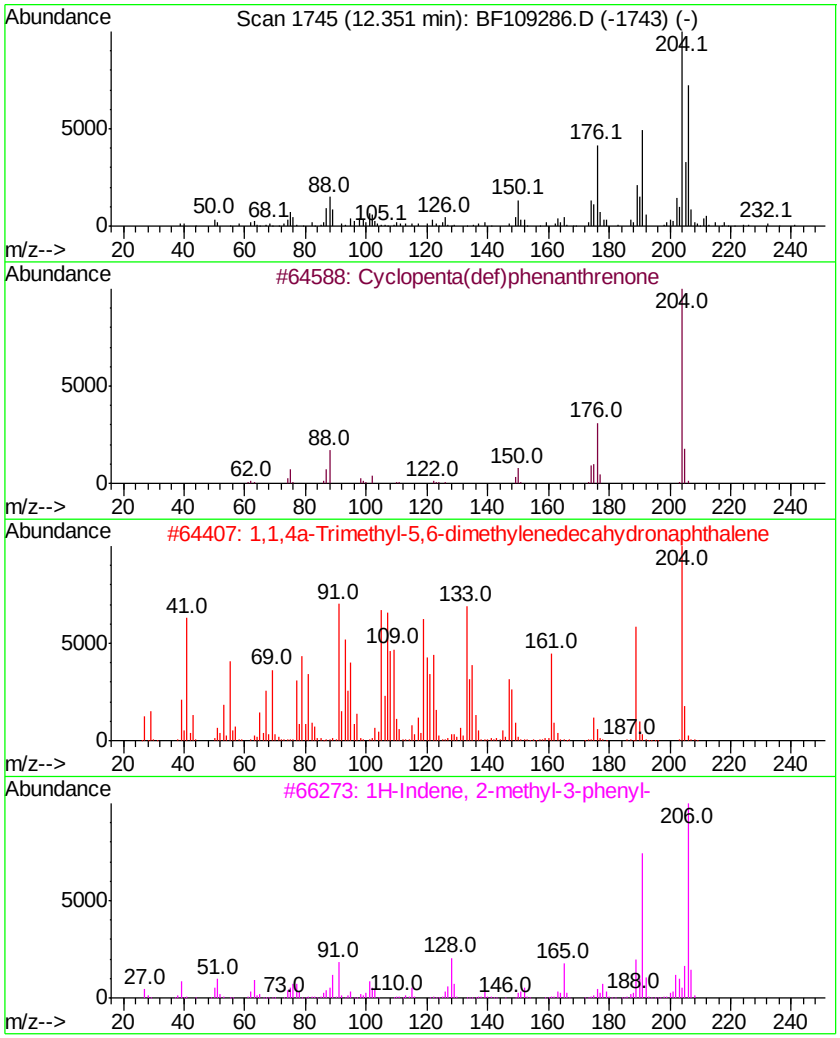
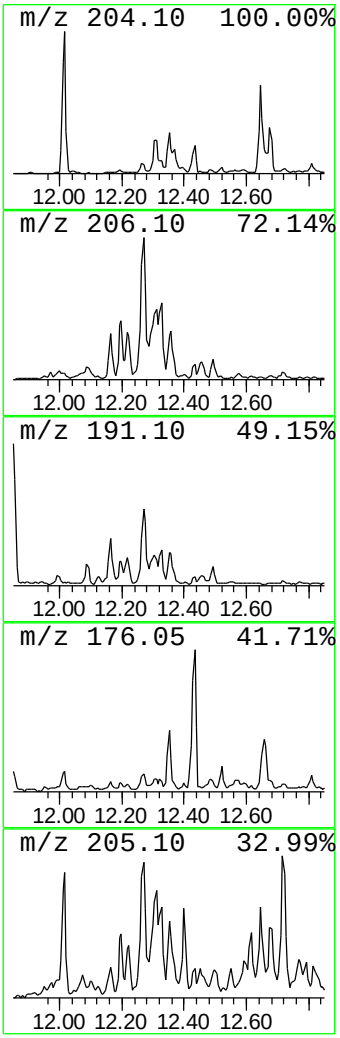
Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	4.83 ng	215276	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	64
2	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	38
3	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	38
4	Isoquinoline, 1-phenyl-	205	C15H11N	003297-72-1	35
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	35





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Misc :
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Instrument : BNA_F
ClientSampleId : NYSEG-CLRK-PH4-A9-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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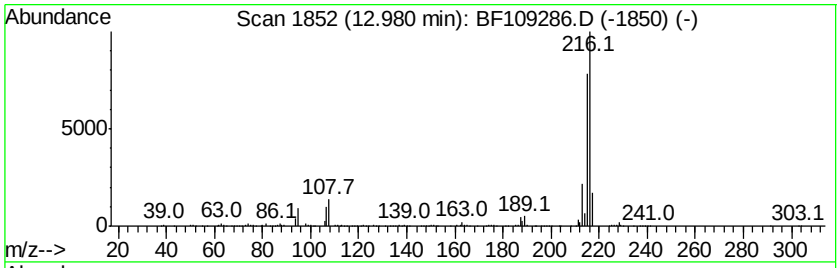
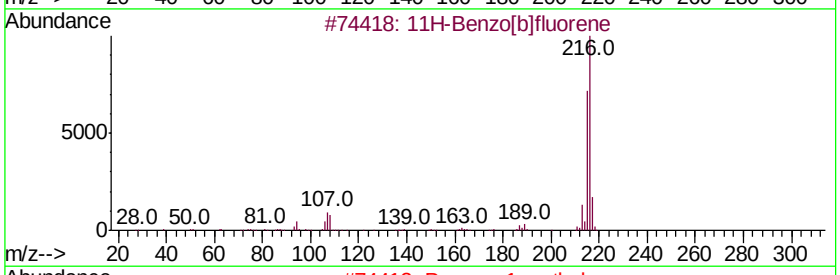
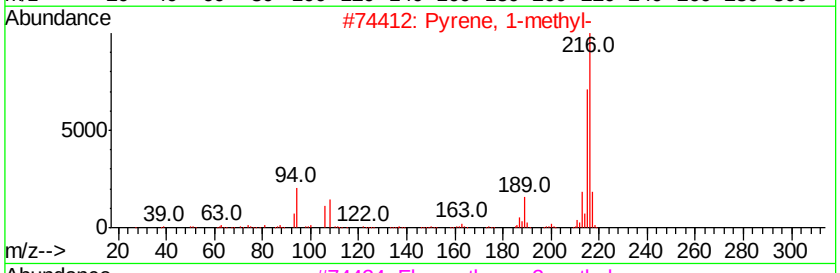
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 20

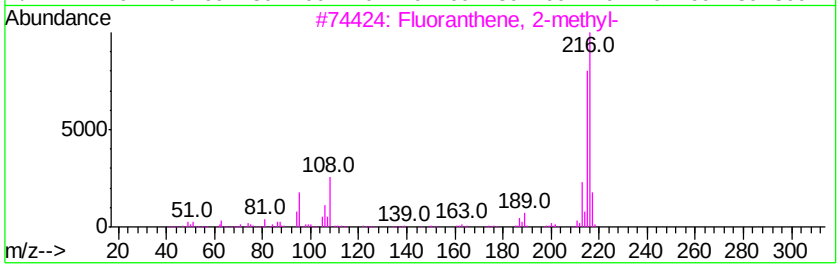
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.98	4.32 ng	585114	Chrysene-d12	13.85

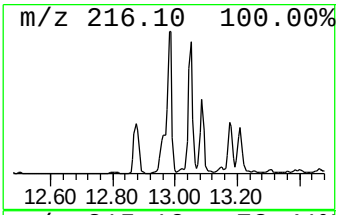
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	6H-Thiazolo[5,4-e]indole, 2,7,8-...	216	C12H12N2S	1000338-32-0	59

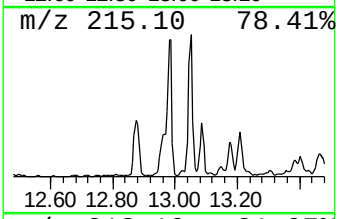


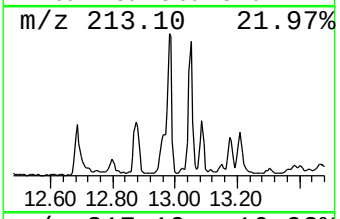


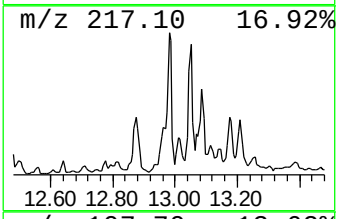


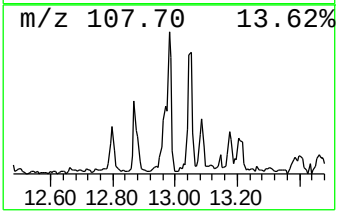












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Sample : J5042-04 2X
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ClientSampleId : NYSEG-CLRK-PH4-A9-B1

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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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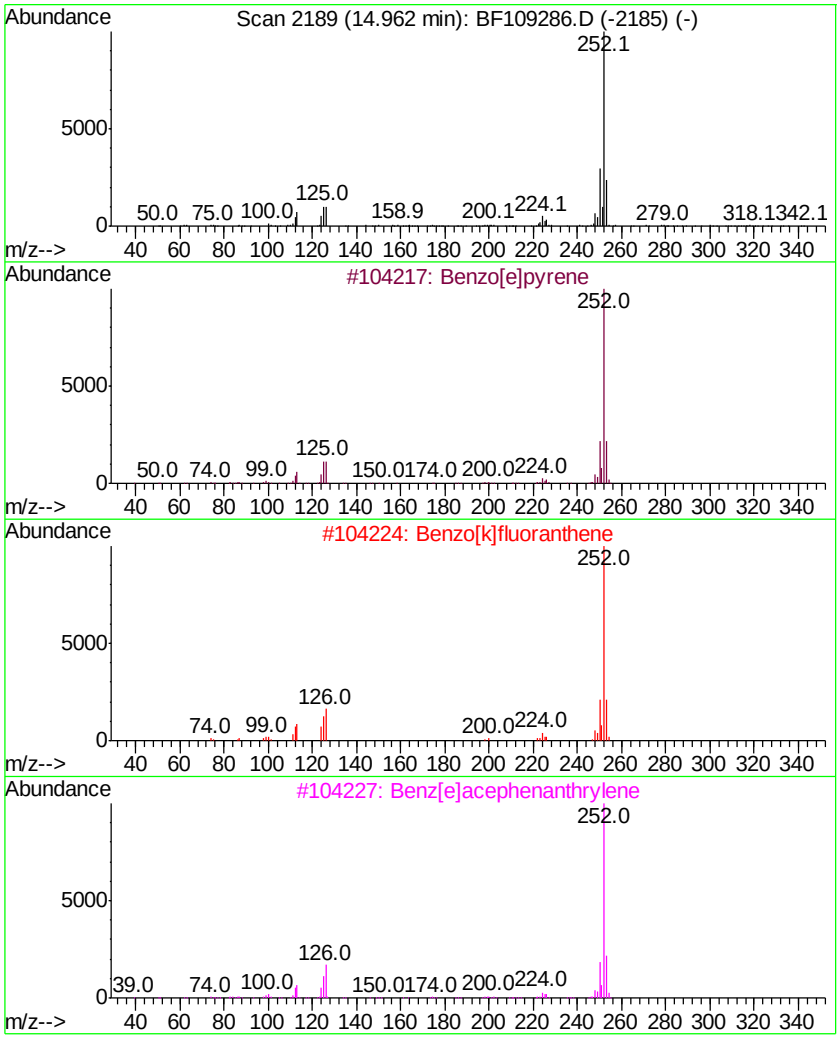
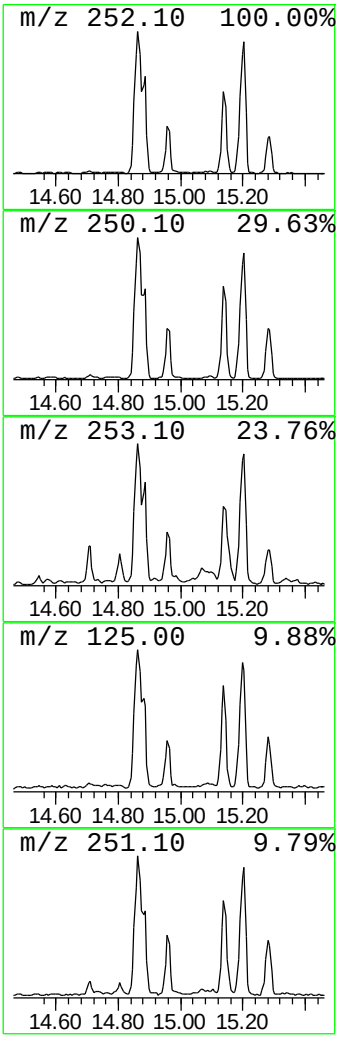
Peak Number 18 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	9.22 ng	336231	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	95
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Perylene	252	C20H12	000198-55-0	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
Data File : BF109286.D
Acq On : 25 Sep 2018 15:33
Operator : JU/SJ
Sample : J5042-04 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLRK-PH4-A9-B1

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

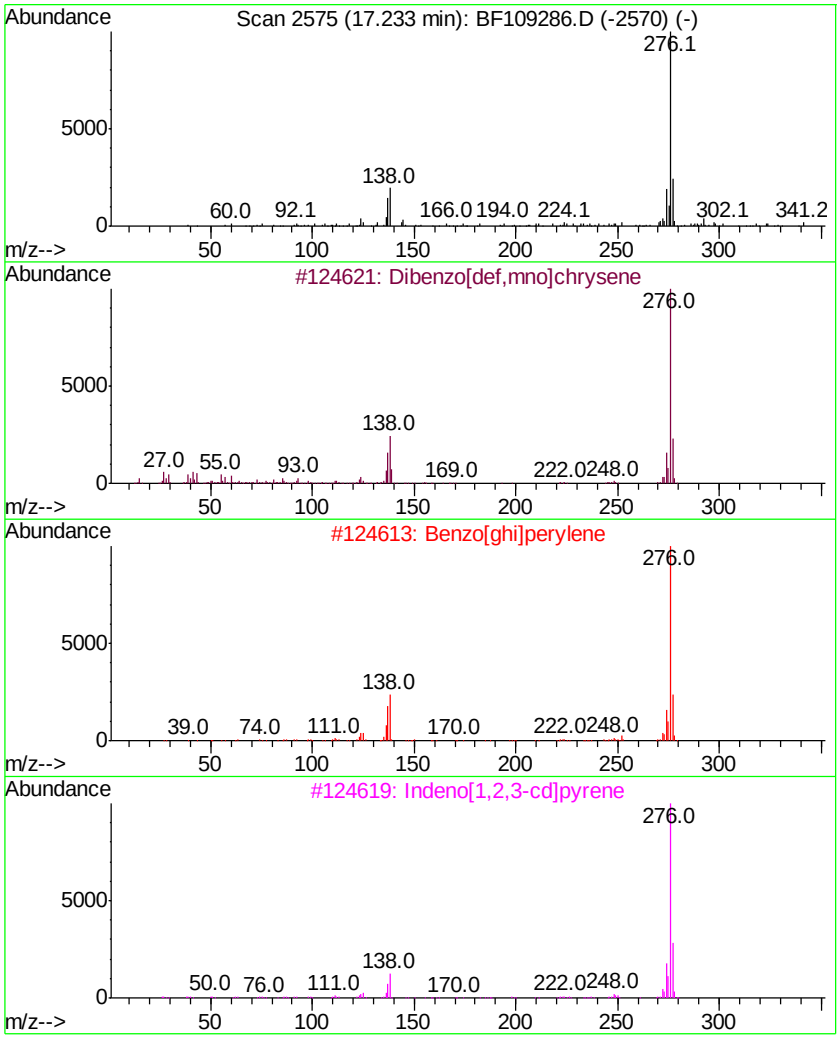
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

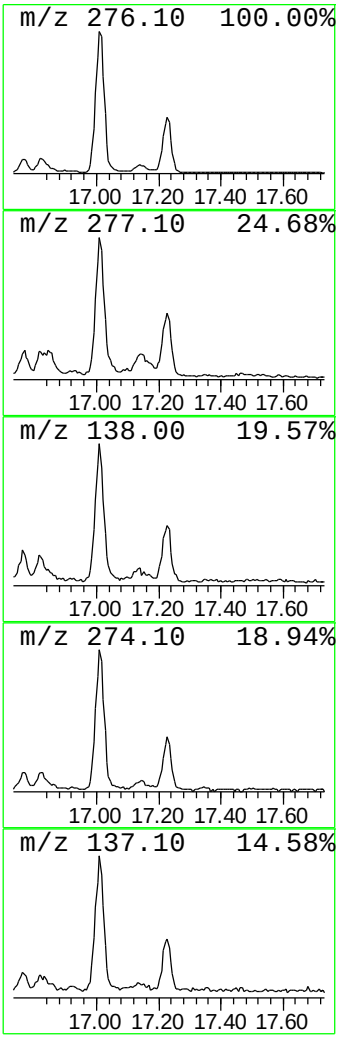
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.23	4.53 ng	165301	Perylene-d12	15.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	93
2	Benzo[ghi]perylene	276	C22H12	000191-24-2	91
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	83
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	64
5	2-Amino-3-cyano-4,5-diphenylthio...	276	C17H12N2S	042160-34-9	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092518\
Data File : BF109286.D
Acq On : 25 Sep 2018 15:33
Operator : JU/SJ
Sample : J5042-04 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLRK-PH4-A9-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	28.5	ng	960515	1	6.71	674250	20.0
Naphthalene, 2-me...	8.80	4.6	ng	225483	2	7.99	985514	20.0
Naphthalene, 2,3-...	9.40	4.3	ng	227226	3	9.74	1050900	20.0
9H-Fluorene, 2-me...	10.83	4.8	ng	213558	4	11.22	892331	20.0
Dibenzothiophene	11.12	5.0	ng	224442	4	11.22	892331	20.0
Phenanthrene, 1-m...	11.72	8.6	ng	385115	4	11.22	892331	20.0
Phenanthrene, 2-m...	11.75	11.7	ng	523292	4	11.22	892331	20.0
1H-Cyclopropa[l]p...	11.79	7.8	ng	349913	4	11.22	892331	20.0
4H-Cyclopenta[def...	11.83	17.3	ng	769717	4	11.22	892331	20.0
Naphthalene, 2-ph...	12.02	6.0	ng	266274	4	11.22	892331	20.0
9,10-Dimethylanth...	12.27	10.4	ng	465240	4	11.22	892331	20.0
unknown12.30	12.30	4.5	ng	199483	4	11.22	892331	20.0
Cyclopenta(def)ph...	12.35	4.8	ng	215276	4	11.22	892331	20.0
11H-Benzo[b]fluorene	12.98	4.3	ng	585114	5	13.85	2710730	20.0
Benzo[e]pyrene	14.96	9.2	ng	336231	6	15.26	729130	20.0
Dibenzo[def,mno]c...	17.23	4.5	ng	165301	6	15.26	729130	20.0