LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081017\
Data File : BF097583.D
Acq On : 11 Aug 2017 2:58
Operator : SJ/JU
Sample : I4697-15 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI-9B

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:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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	4.998	560	563	590	rBV	187438	444197	14.26%	0.966%
2	6.081	744	747	760	rBV	215485	431656	13.86%	0.939%
3	6.175	760	763	771	rVB	339948	470752	15.11%	1.024%
4	6.387	796	799	809	rBV	640723	686575	22.04%	1.493%
5	6.545	823	826	842	rVB	259264	288726	9.27%	0.628%
6	6.969	895	898	916	rBV	169053	274810	8.82%	0.598%
7	7.675	1014	1018	1020	rBV	1002891	923053	29.63%	2.008%
8	7.692	1020	1021	1029	rVV	264341	269012	8.64%	0.585%
9	8.386	1136	1139	1147	rVB	174290	159878	5.13%	0.348%
10	8.486	1149	1156	1163	rVB	156096	177382	5.69%	0.386%
11	8.751	1196	1201	1207	rVB	411896	357866	11.49%	0.778%
12	8.851	1213	1218	1221	rBV	97345	100394	3.22%	0.218%
13	9.010	1242	1245	1250	rBV	110079	153347	4.92%	0.334%
14	9.086	1254	1258	1260	rBV	199133	211319	6.78%	0.460%
15	9.110	1260	1262	1267	rVV	131034	132635	4.26%	0.288%
16	9.157	1267	1270	1274	rVV	114562	111768	3.59%	0.243%
17	9.198	1274	1277	1284	rVB	144881	178435	5.73%	0.388%
18	9.281	1284	1291	1297	rBV	284946	285512	9.17%	0.621%
19	9.416	1310	1314	1317	rVV2	887054	811644	26.06%	1.765%
20	9.445	1317	1319	1325	rVB	800668	744003	23.89%	1.618%
21	9.575	1337	1341	1344	rVB	100975	102745	3.30%	0.223%
22	9.622	1344	1349	1354	rBV	498181	494374	15.87%	1.075%
23	9.669	1354	1357	1360	rBV	107101	99007	3.18%	0.215%
24	9.739	1365	1369	1371	rBV	108192	116629	3.74%	0.254%
25	9.828	1380	1384	1386	rBV	100842	125018	4.01%	0.272%
26	9.963	1403	1407	1413	rVB	1036458	933019	29.95%	2.029%
27	10.028	1416	1418	1419	rVV	149943	123075	3.95%	0.268%
28	10.045	1419	1421	1424	rVV	233631	203440	6.53%	0.442%
29	10.122	1431	1434	1440	rVV	278784	261048	8.38%	0.568%
30	10.204	1442	1448	1453	rVV4	405699	573437	18.41%	1.247%
31	10.339	1466	1471	1477	rVB4	68761	124995	4.01%	0.272%
32	10.392	1477	1480	1484	rBV2	68699	101408	3.26%	0.221%
33	10.510	1495	1500	1503	rBV2	252013	316026	10.15%	0.687%
34	10.533	1503	1504	1508	rVV	136000	127027	4.08%	0.276%

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Sample : I4697-15 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI-9B

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:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.586	1511	1513	1516	rVB	139254	132454	4.25%	0.288%
36	10.639	1520	1522	1524	rVV	161169	171501	5.51%	0.373%
37	10.657	1524	1525	1528	rVV2	143955	139805	4.49%	0.304%
38	10.751	1538	1541	1544	rBV	232316	235427	7.56%	0.512%
39	10.786	1544	1547	1555	rVB	378485	420275	13.49%	0.914%
40	10.892	1561	1565	1567	rBV	679235	768586	24.68%	1.672%
41	10.922	1567	1570	1573	rVV	2860669	3114777	100.00%	6.774%
42	10.969	1573	1578	1582	rVB	1424454	1340811	43.05%	2.916%
43	11.010	1582	1585	1588	rBV2	189147	194152	6.23%	0.422%
44	11.133	1601	1606	1613	rBV2	366366	509421	16.35%	1.108%
45	11.392	1646	1650	1653	rBV	595427	578647	18.58%	1.258%
46	11.422	1653	1655	1660	rVV	742785	656884	21.09%	1.429%
47	11.469	1660	1663	1666	rVV	496049	467062	15.00%	1.016%
48	11.504	1666	1669	1671	rVV	1024593	1069303	34.33%	2.326%
49	11.527	1671	1673	1680	rVB	437674	402428	12.92%	0.875%
50	11.610	1685	1687	1692	rVV3	80314	115589	3.71%	0.251%
51	11.686	1698	1700	1704	rVV	433793	375107	12.04%	0.816%
52	11.733	1705	1708	1711	rVV2	92551	97872	3.14%	0.213%
53	11.833	1722	1725	1728	rBV	108575	115158	3.70%	0.250%
54	11.939	1738	1743	1746	rBV	315132	390189	12.53%	0.849%
55	11.980	1746	1750	1752	rVV2	226004	311549	10.00%	0.678%
56	12.039	1756	1760	1764	rVV3	154702	230143	7.39%	0.501%
57	12.110	1766	1772	1775	rVV	2487536	2819798	90.53%	6.133%
58	12.192	1784	1786	1792	rVB	163755	167065	5.36%	0.363%
59	12.245	1792	1795	1799	rBV	167283	196430	6.31%	0.427%
60	12.333	1804	1810	1815	rBV2	2256339	3098938	99.49%	6.740%
61	12.374	1815	1817	1823	rVB2	201615	256385	8.23%	0.558%
62	12.451	1826	1830	1832	rBV	244112	254433	8.17%	0.553%
63	12.474	1832	1834	1835	rBV	143782	110088	3.53%	0.239%
64	12.551	1841	1847	1850	rBV3	243158	404779	13.00%	0.880%
65	12.633	1858	1861	1862	rVV2	215615	232946	7.48%	0.507%
66	12.657	1862	1865	1869	rVB	693636	662735	21.28%	1.441%
67	12.722	1873	1876	1879	rVV	670799	635811	20.41%	1.383%
68	12.757	1879	1882	1886	rVV	418078	517631	16.62%	1.126%
69	12.851	1895	1898	1900	rVV	184626	185985	5.97%	0.404%
70	12.880	1900	1903	1912	rVB3	226937	320227	10.28%	0.696%
71	13.139	1944	1947	1950	rBV	118871	150622	4.84%	0.328%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI-9B

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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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.269	1965	1969	1971	rBV	207688	231133	7.42%	0.503%
73	13.292	1971	1973	1975	rVB	212365	157763	5.06%	0.343%
74	13.321	1975	1978	1980	rBV	153481	118807	3.81%	0.258%
75	13.516	2006	2011	2015	rBV2	1557912	2529140	81.20%	5.501%
76	13.551	2015	2017	2020	rVB	1298848	1103611	35.43%	2.400%
77	13.627	2026	2030	2033	rVB	247438	243659	7.82%	0.530%
78	13.680	2036	2039	2043	rBV3	111398	156982	5.04%	0.341%
79	13.727	2044	2047	2050	rVV2	159386	210180	6.75%	0.457%
80	13.757	2050	2052	2058	rVB	153098	169086	5.43%	0.368%
81	13.868	2069	2071	2073	rBV	102512	100167	3.22%	0.218%
82	13.910	2073	2078	2081	rVV	386475	490724	15.75%	1.067%
83	13.939	2081	2083	2087	rVV2	165433	185036	5.94%	0.402%
84	14.004	2089	2094	2096	rVV2	205514	320673	10.30%	0.697%
85	14.033	2096	2099	2100	rVV2	203637	213002	6.84%	0.463%
86	14.051	2100	2102	2105	rVV	267257	243270	7.81%	0.529%
87	14.104	2109	2111	2117	rVB3	96833	107756	3.46%	0.234%
88	14.386	2156	2159	2163	rBV	121959	122835	3.94%	0.267%
89	14.521	2177	2182	2190	rBV	1153198	2018502	64.80%	4.390%
90	14.604	2194	2196	2201	rVB	283625	274774	8.82%	0.598%
91	14.763	2219	2223	2228	rBV	622244	691117	22.19%	1.503%
92	14.815	2228	2232	2237	rVV	984559	1106172	35.51%	2.406%
93	14.863	2237	2240	2242	rVV	419178	415847	13.35%	0.904%
94	14.892	2242	2245	2251	rVB2	276789	368209	11.82%	0.801%
95	16.051	2436	2442	2448	rBV	341686	591665	19.00%	1.287%
96	16.180	2460	2464	2469	rBV2	84048	141244	4.53%	0.307%
97	16.227	2469	2472	2477	rVB3	63111	98271	3.15%	0.214%
98	16.404	2496	2502	2510	rVB	225521	412024	13.23%	0.896%
99	16.604	2531	2536	2544	rVB2	104333	204881	6.58%	0.446%
100	18.186	2800	2805	2814	rVB3	65727	188095	6.04%	0.409%

Sum of corrected areas: 45979850

LSC Report - Integrated Chromatogram

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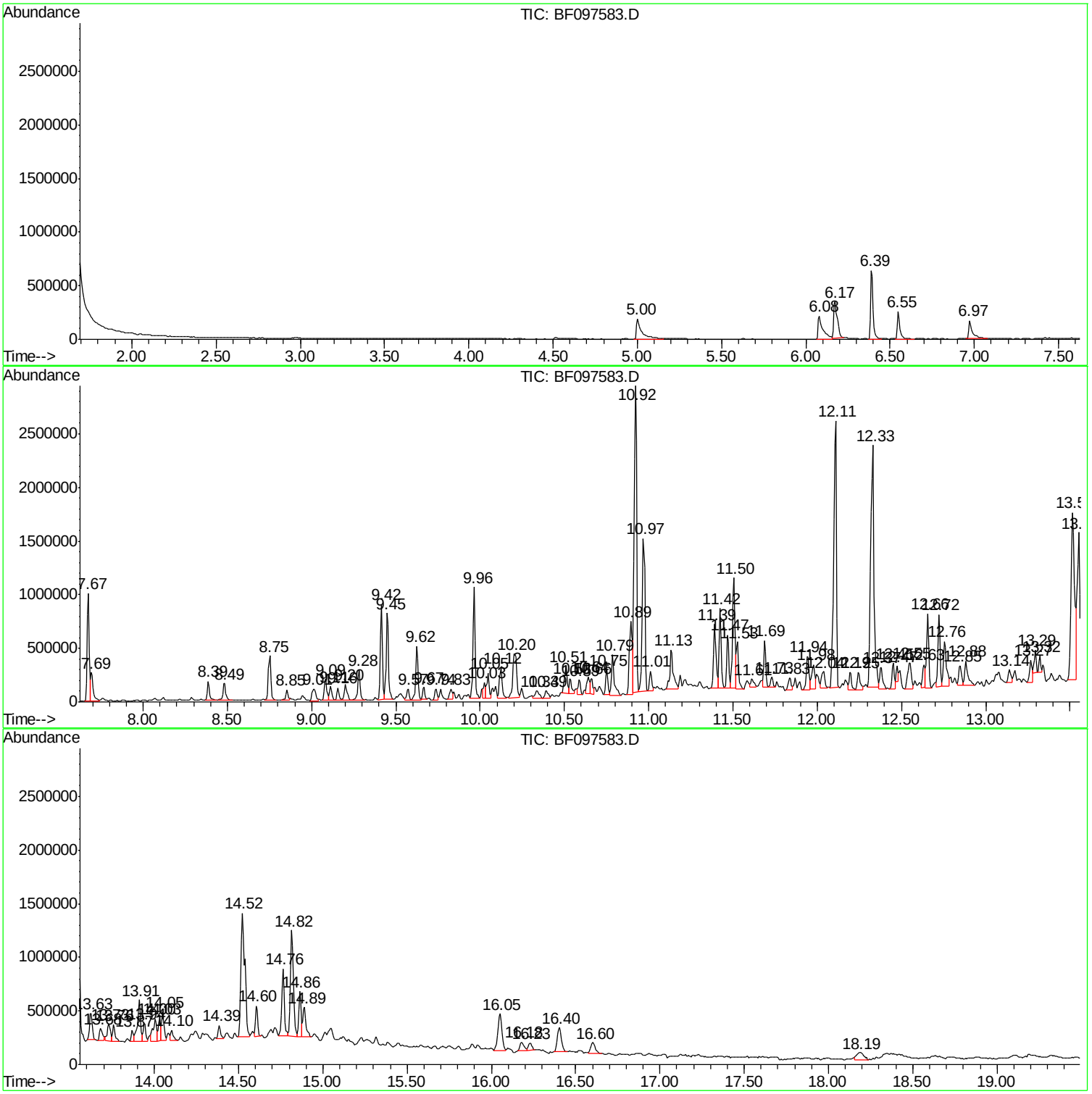
Operator : SJ/JU
Sample : I4697-15 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI-9B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

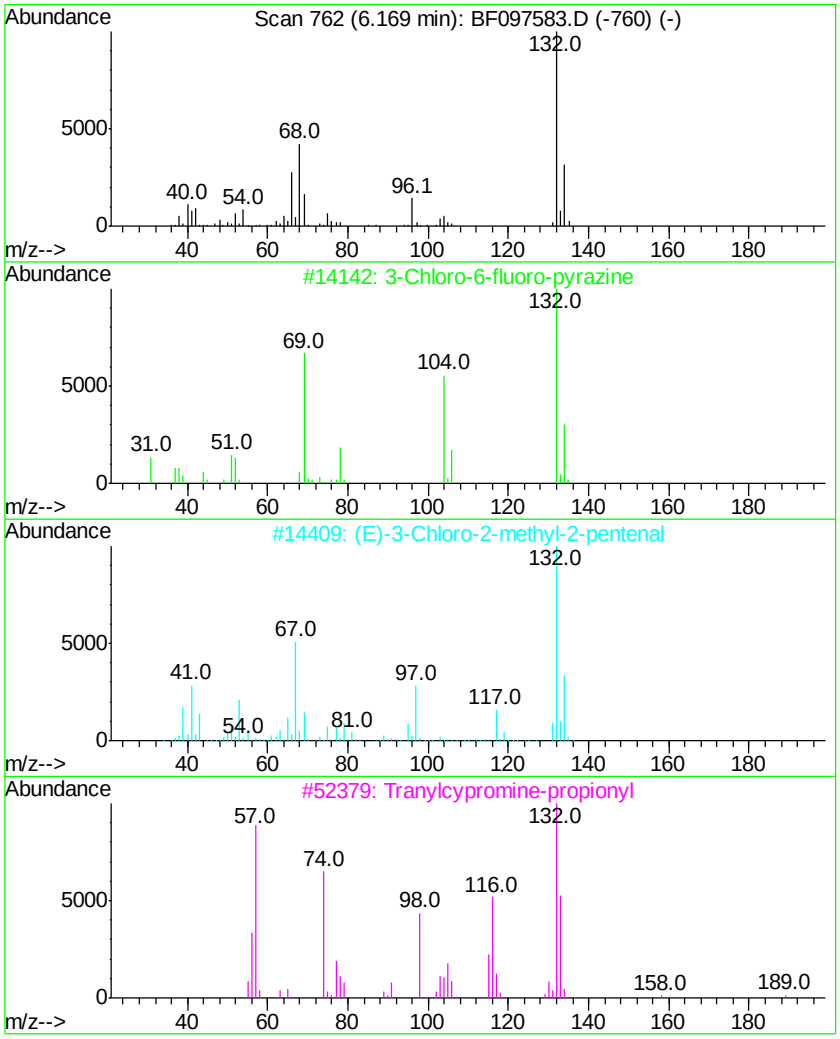
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

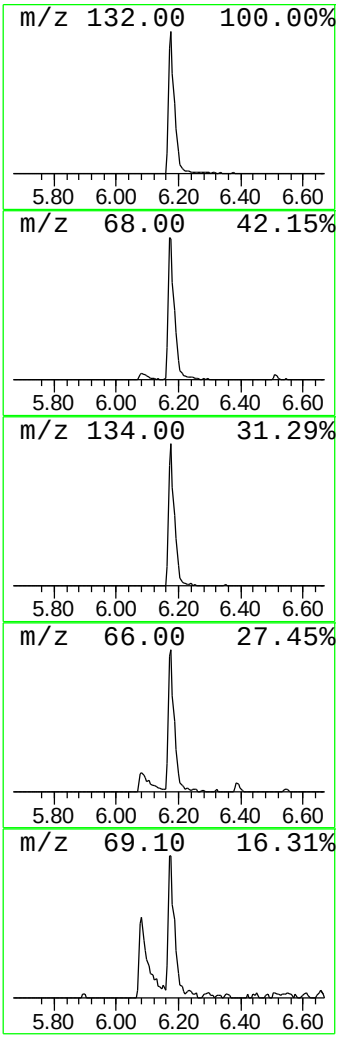
****

Peak Number 1 unknown6.17 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.17	13.71 ng	470752	1,4-Dichlorobenzene-d4	6.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Amphetaminil	250	C17H18N2	017590-01-1	12
5	5-Aminoindole	132	C8H8N2	005192-03-0	10





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

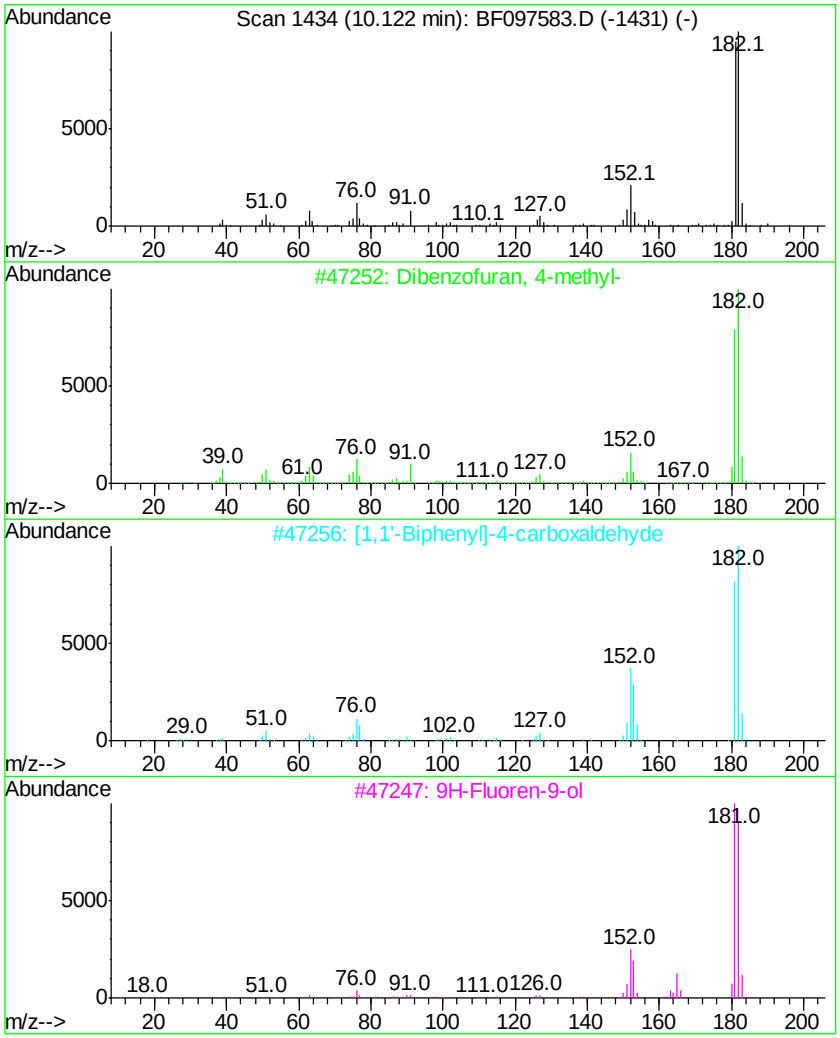
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

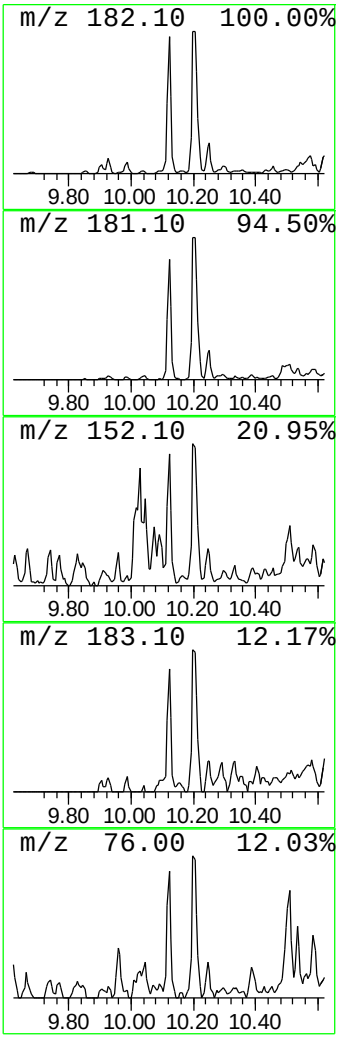
****

Peak Number 3 Dibenzofuran, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.12	6.43 ng	261048	Acenaphthene-d10	9.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	94
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83
4	Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	72
5	2-Hydroxyfluorene	182	C13H10O	002443-58-5	64





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TIC Library : C:\DATABASE\NIST11.L
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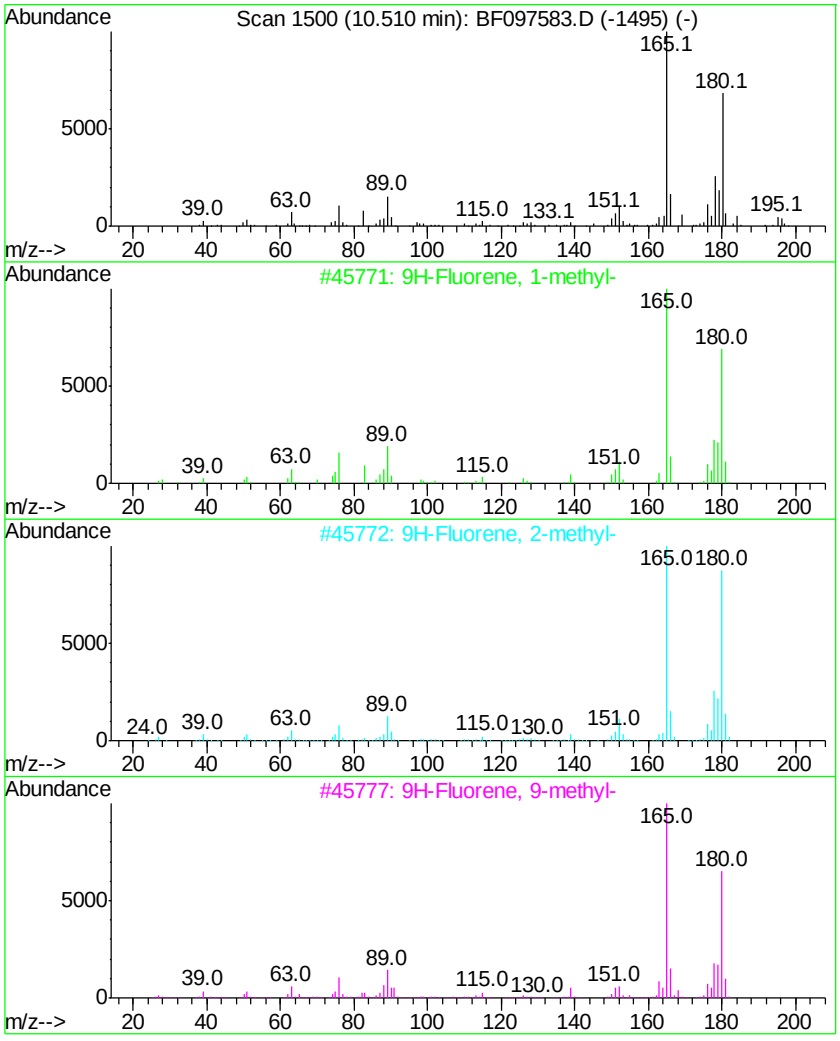
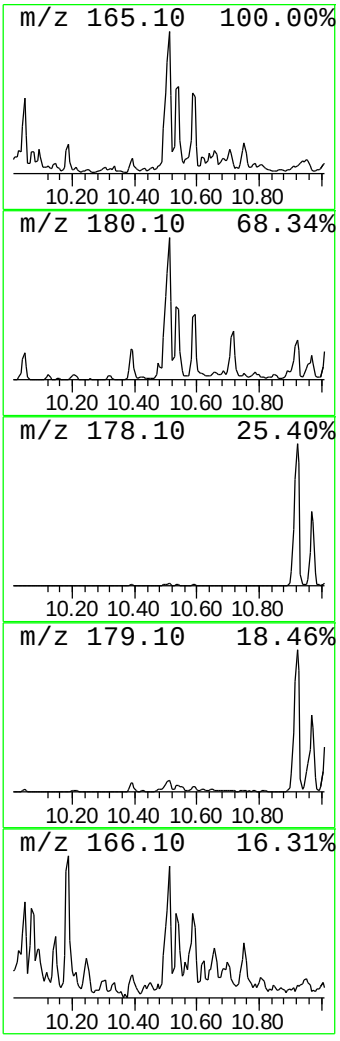
Peak Number 4 9H-Fluorene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.51	8.22 ng	316026	Phenanthrene-d10	10.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	90
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	90
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	90
5	(E)-Stilbene	180	C14H12	000103-30-0	64





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

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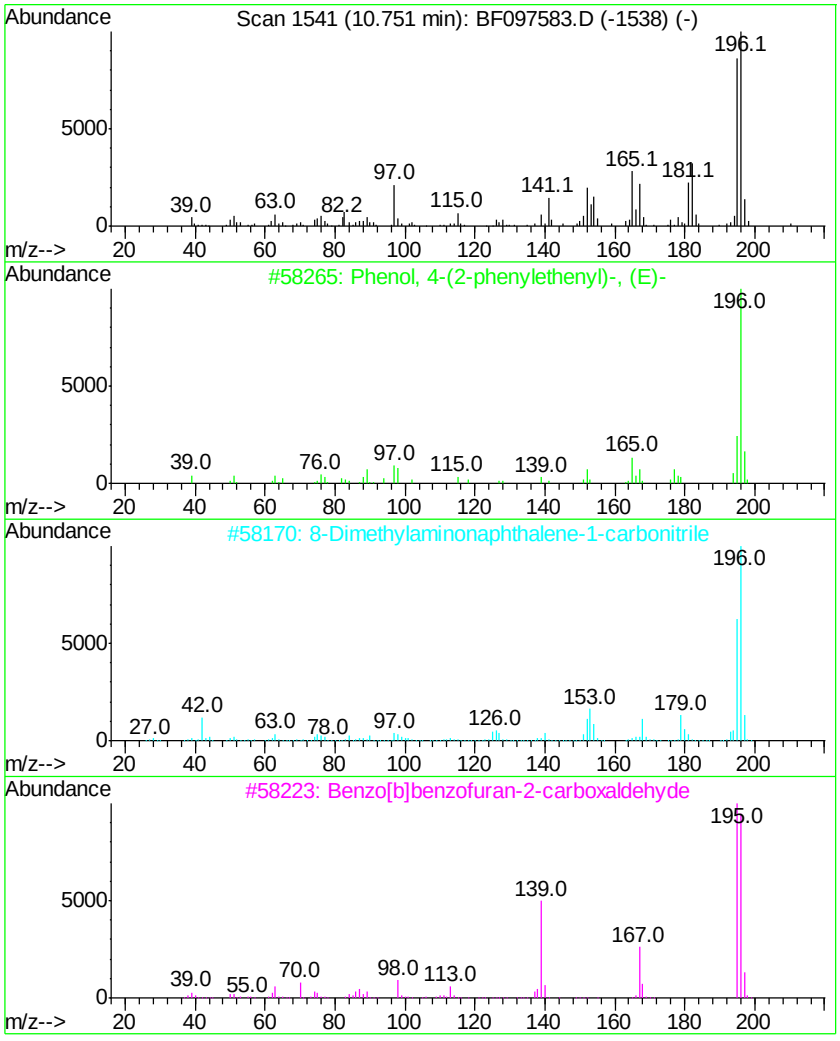
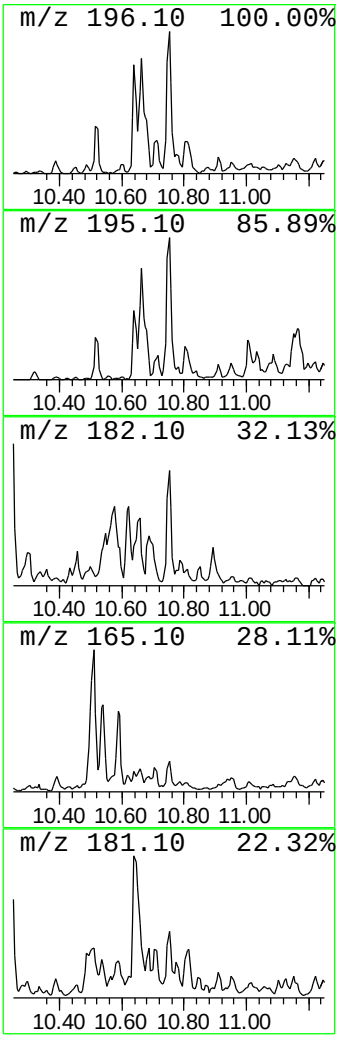
Peak Number 5 Phenol, 4-(2-phenylethenyl)... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	6.13 ng	235427	Phenanthrene-d10	10.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	60
2	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	50
3	Benzo[b]benzofuran-2-carboxaldehyde	196	C13H8O2	1000351-56-0	47
4	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	45
5	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	43





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Sample : I4697-15 5X
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ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI-9B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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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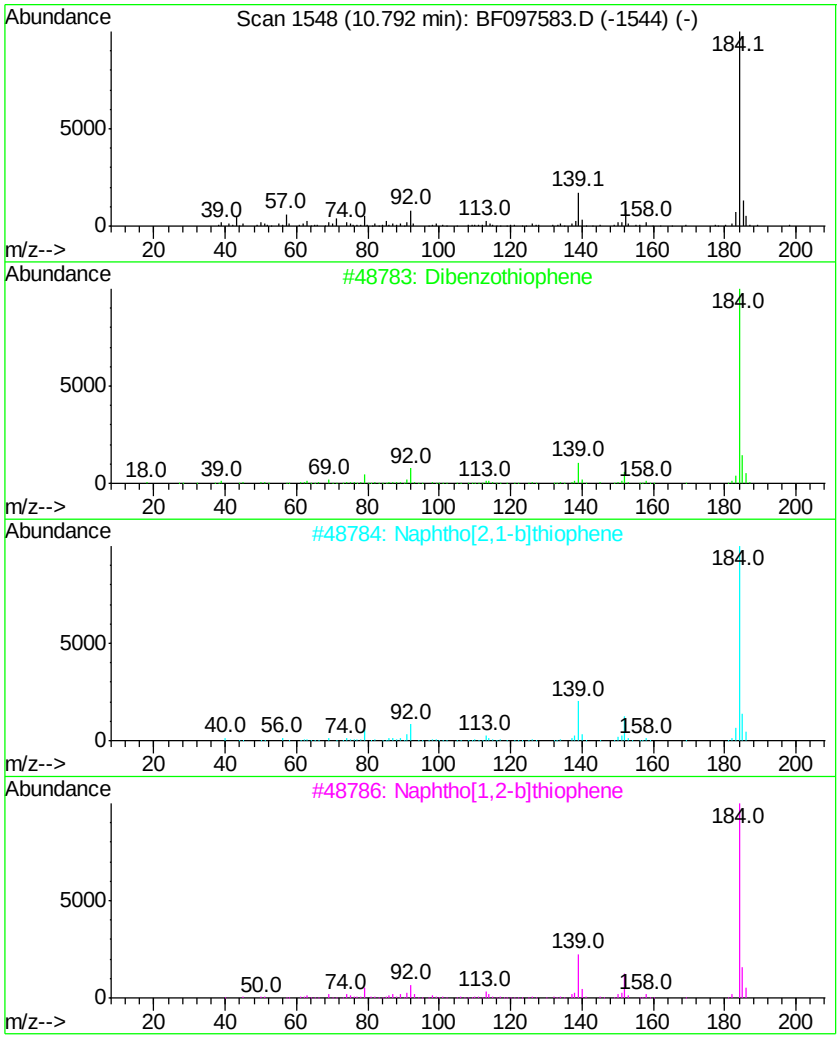
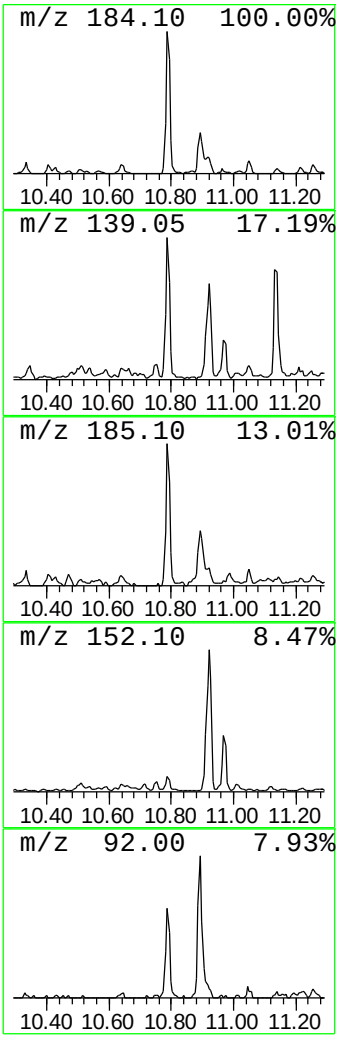
Peak Number 6 Dibenzothiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	10.94 ng	420275	Phenanthrene-d10	10.89

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	97
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	97
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





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Acq On : 11 Aug 2017 2:58
Operator : SJ/JU
Sample : I4697-15 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI-9B

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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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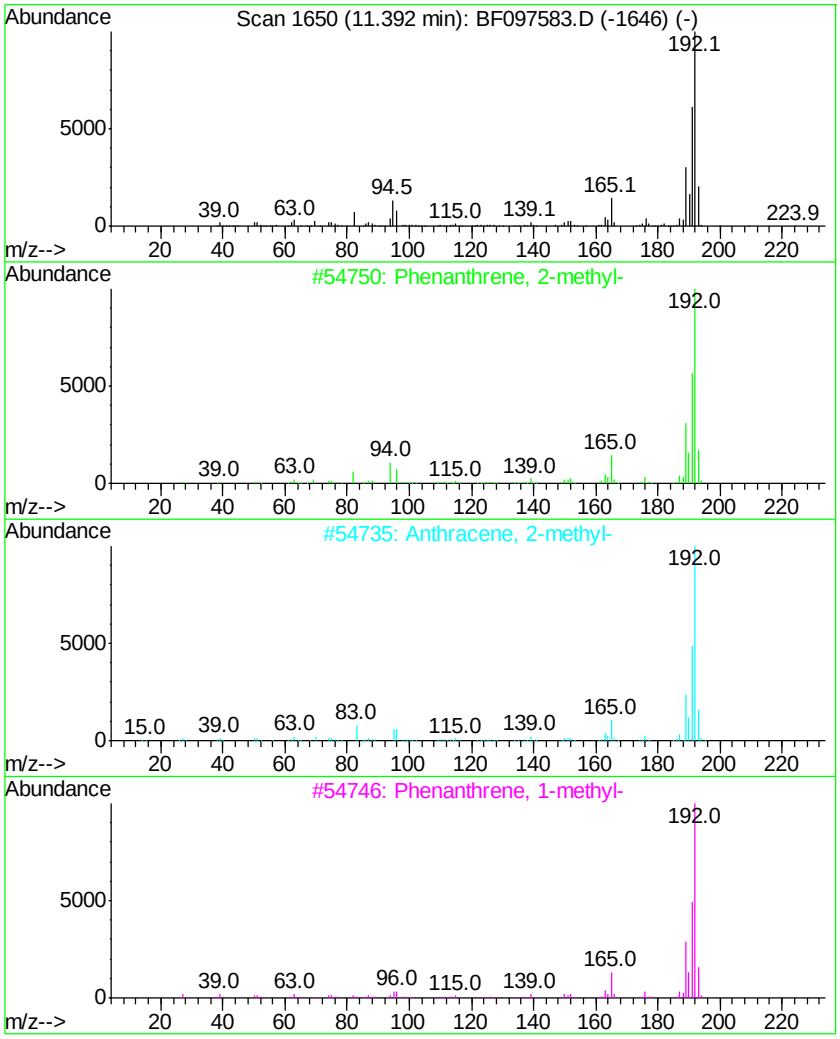
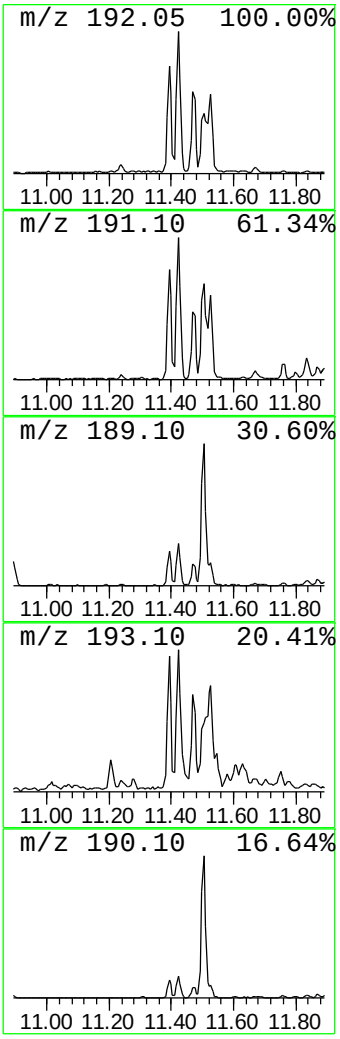
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	15.06 ng	578647	Phenanthrene-d10	10.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90





Library Search Compound Report

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Sample : I4697-15 5X
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ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI-9B

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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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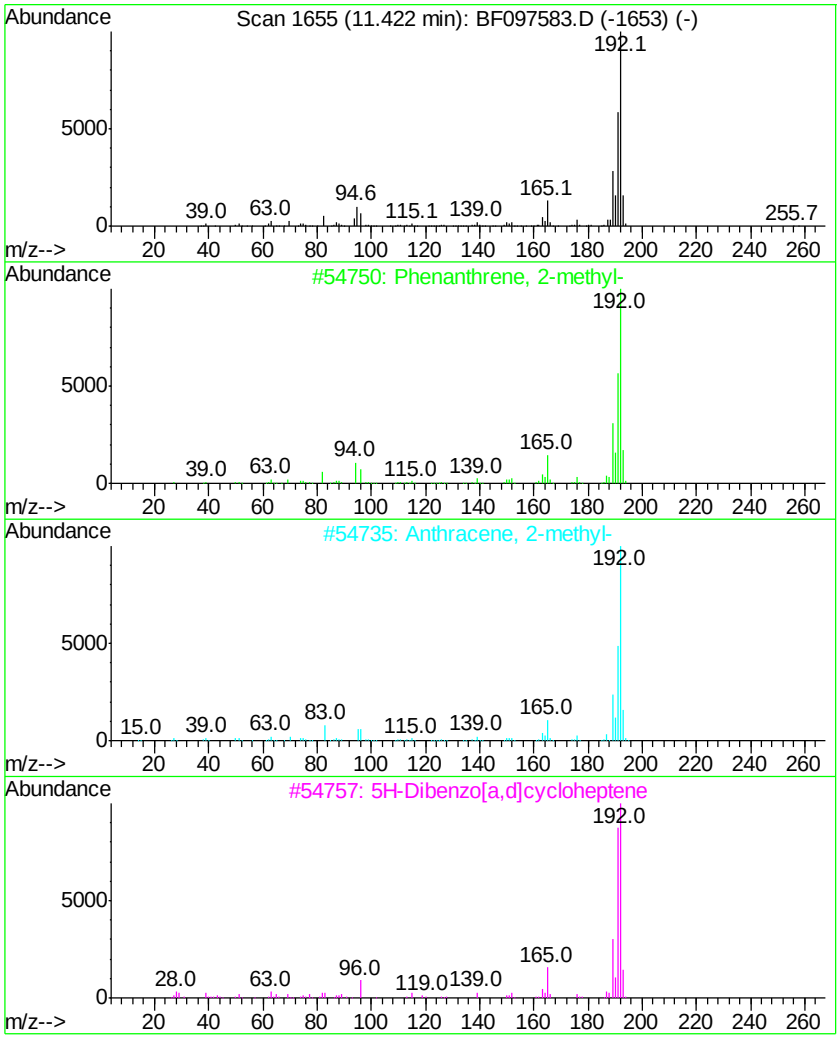
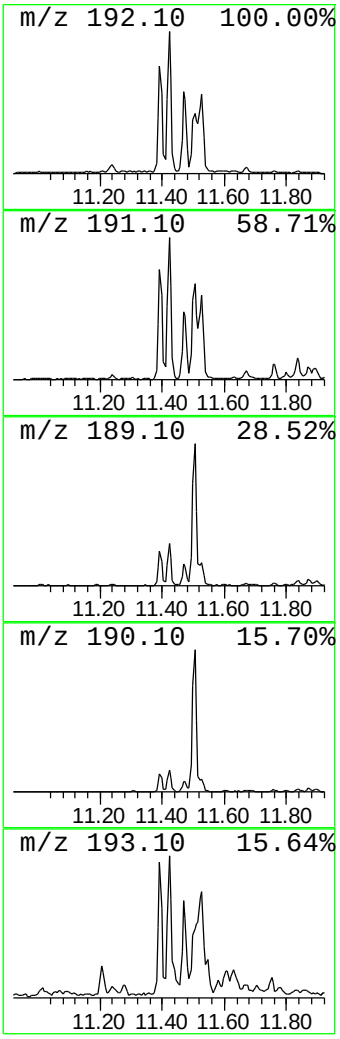
Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	17.09 ng	656884	Phenanthrene-d10	10.89

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	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





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Misc :
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Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI-9B

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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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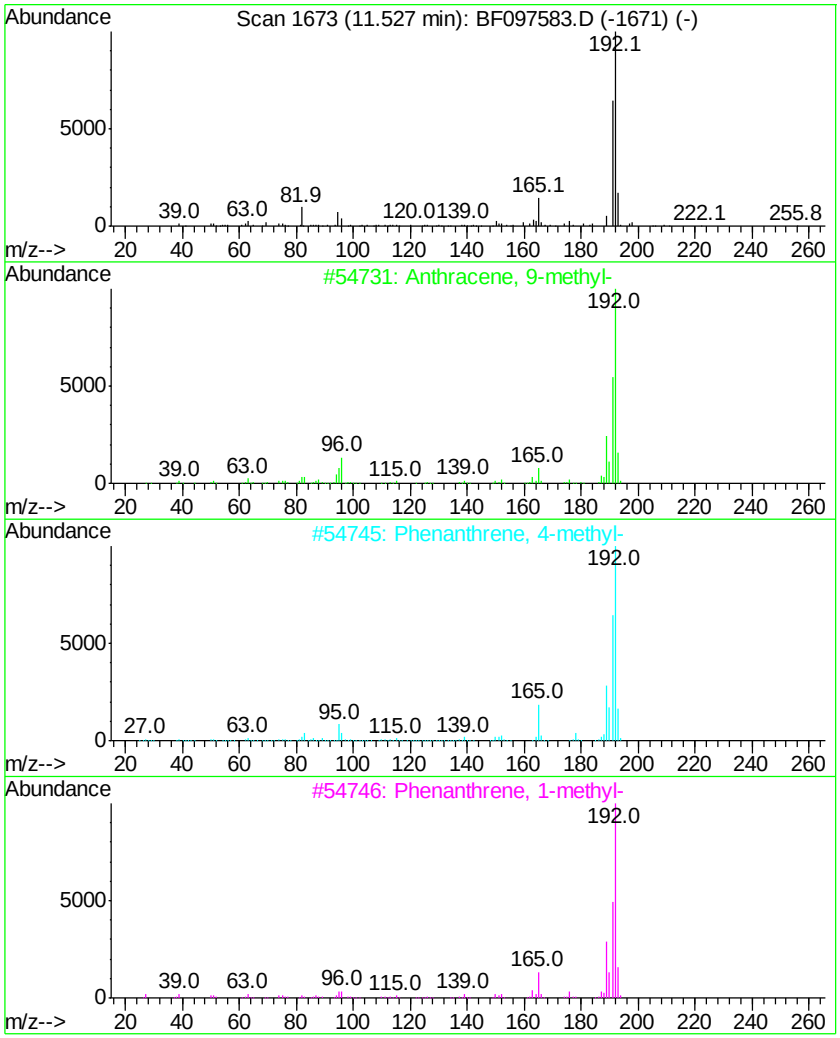
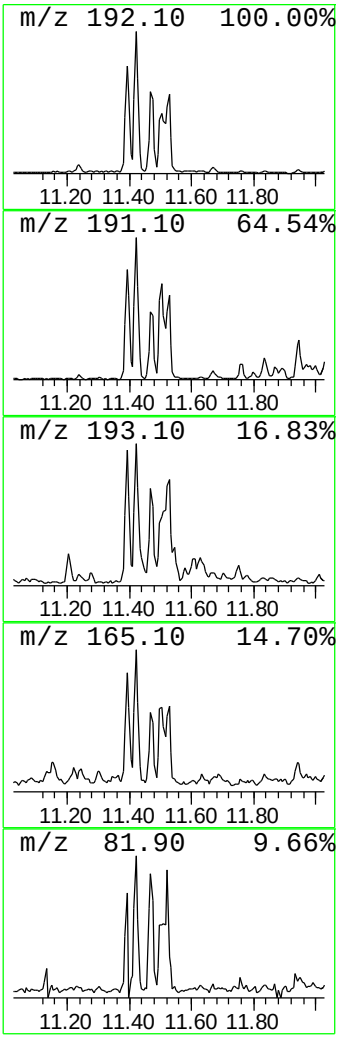
Peak Number 9 Anthracene, 9-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	10.47 ng	402428	Phenanthrene-d10	10.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	80





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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI-9B

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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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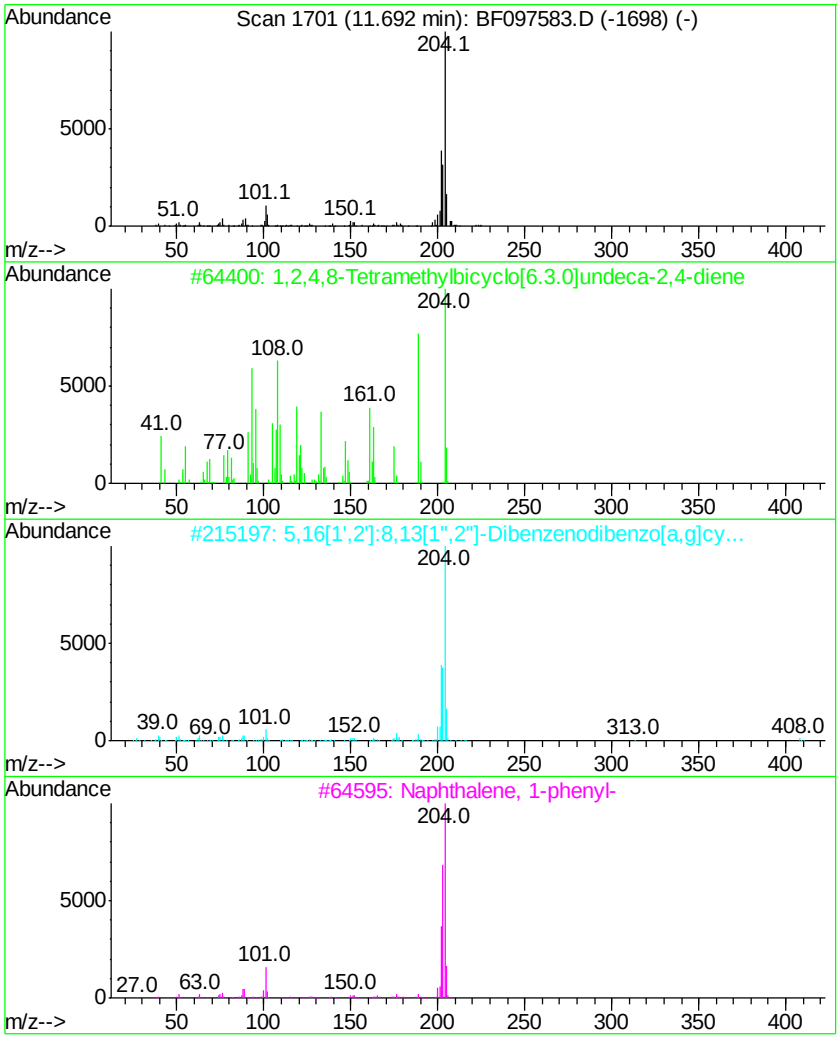
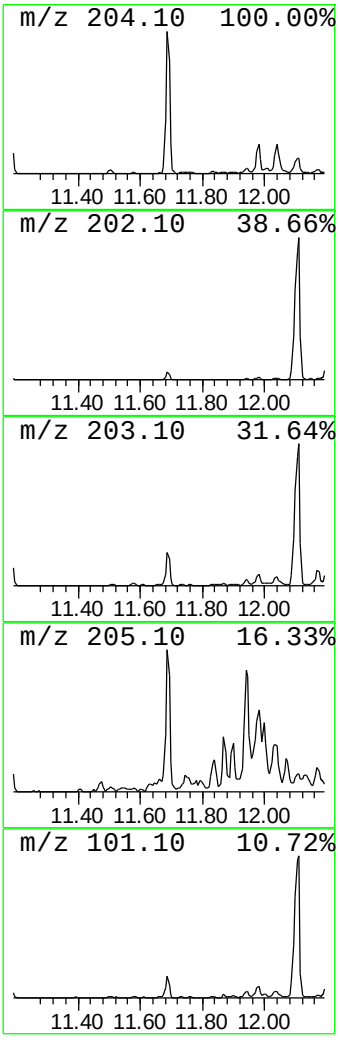
Peak Number 10 1,2,4,8-Tetramethylbicyclo[... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	9.76 ng	375107	Phenanthrene-d10	10.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	89
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58





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Misc :
ALS Vial : 25 Sample Multiplier: 1

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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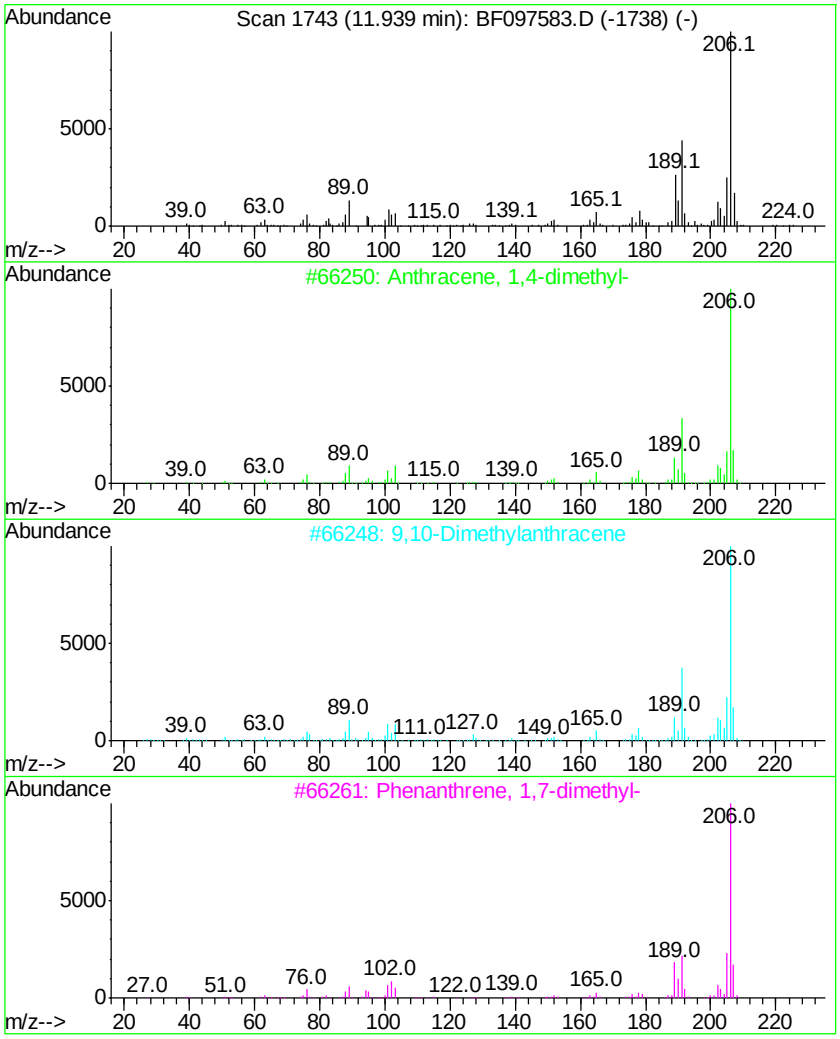
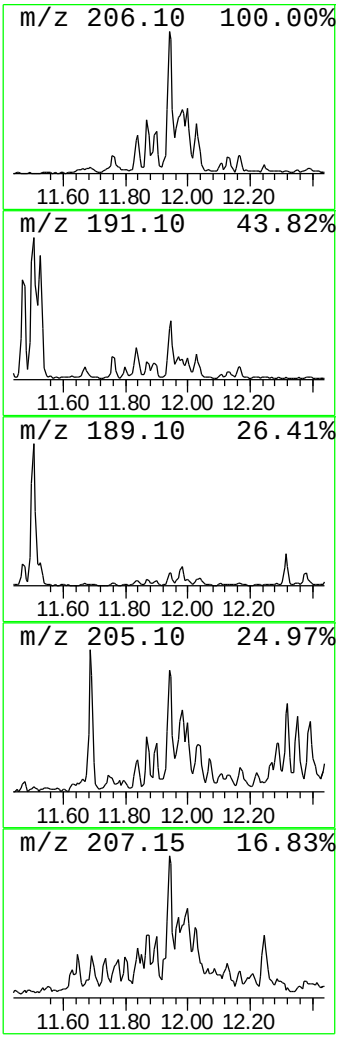
Peak Number 11 Anthracene, 1,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	10.15 ng	390189	Phenanthrene-d10	10.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93





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Sample : I4697-15 5X
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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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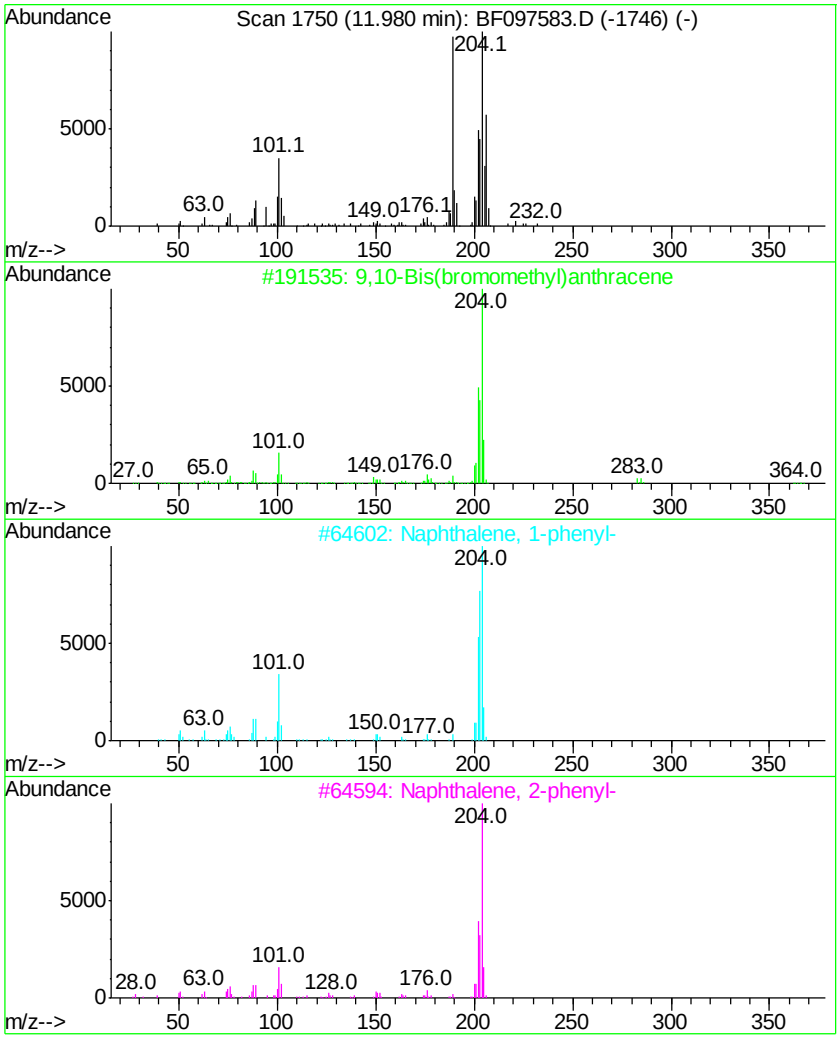
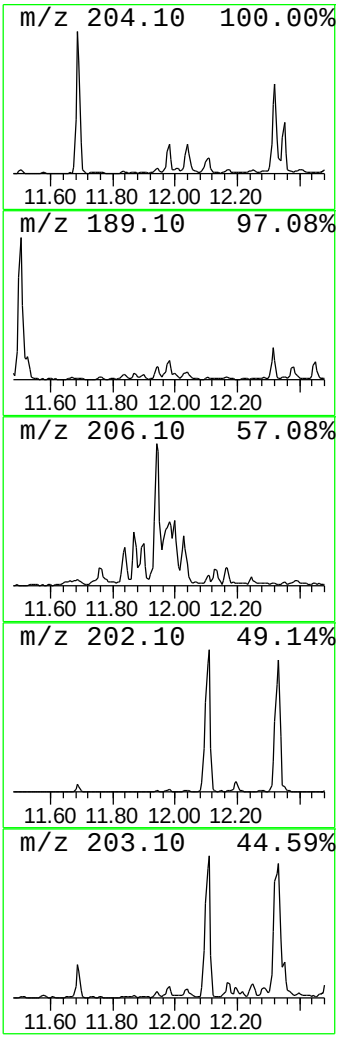
Peak Number 12 unknown11.98 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	8.11 ng	311549	Phenanthrene-d10	10.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	49
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	47
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	46
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	46
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	38





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Sample : I4697-15 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI-9B

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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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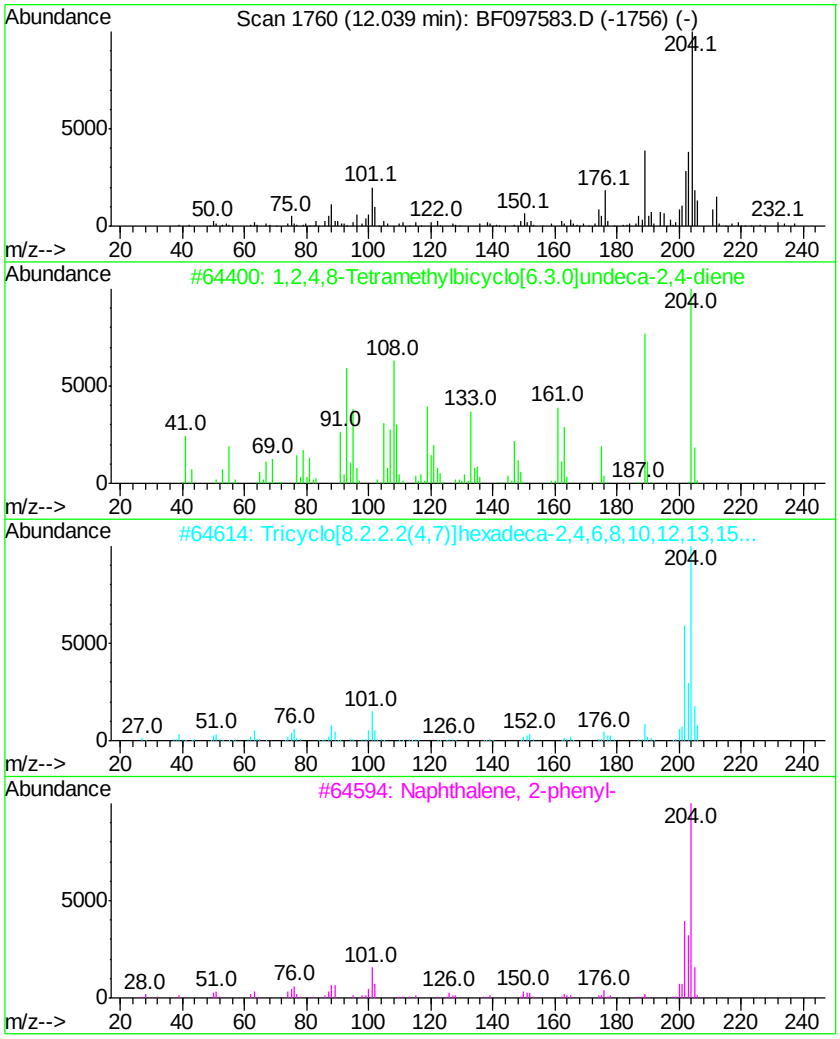
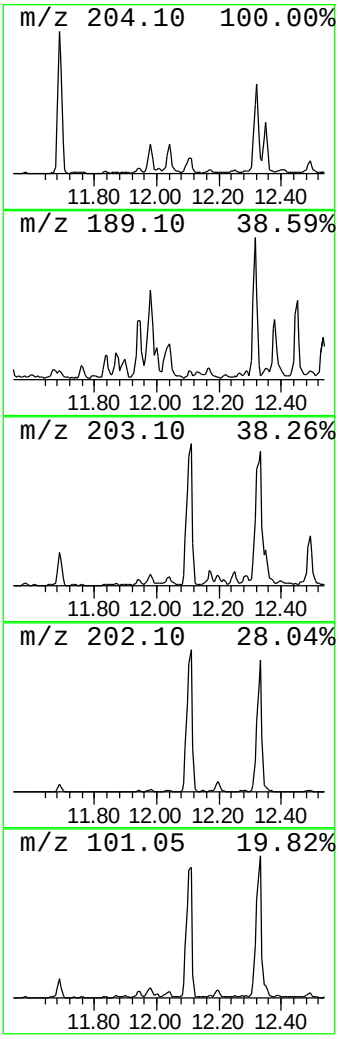
Peak Number 13 Tricyclo[8.2.2.2(4,7)]hexad... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	5.99 ng	230143	Phenanthrene-d10	10.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	86
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	58
4	Pyrimidin-2(1H)-thione, 3,4-dihy...	204	C11H12N2S	030570-19-5	53
5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	53





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Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI-9B

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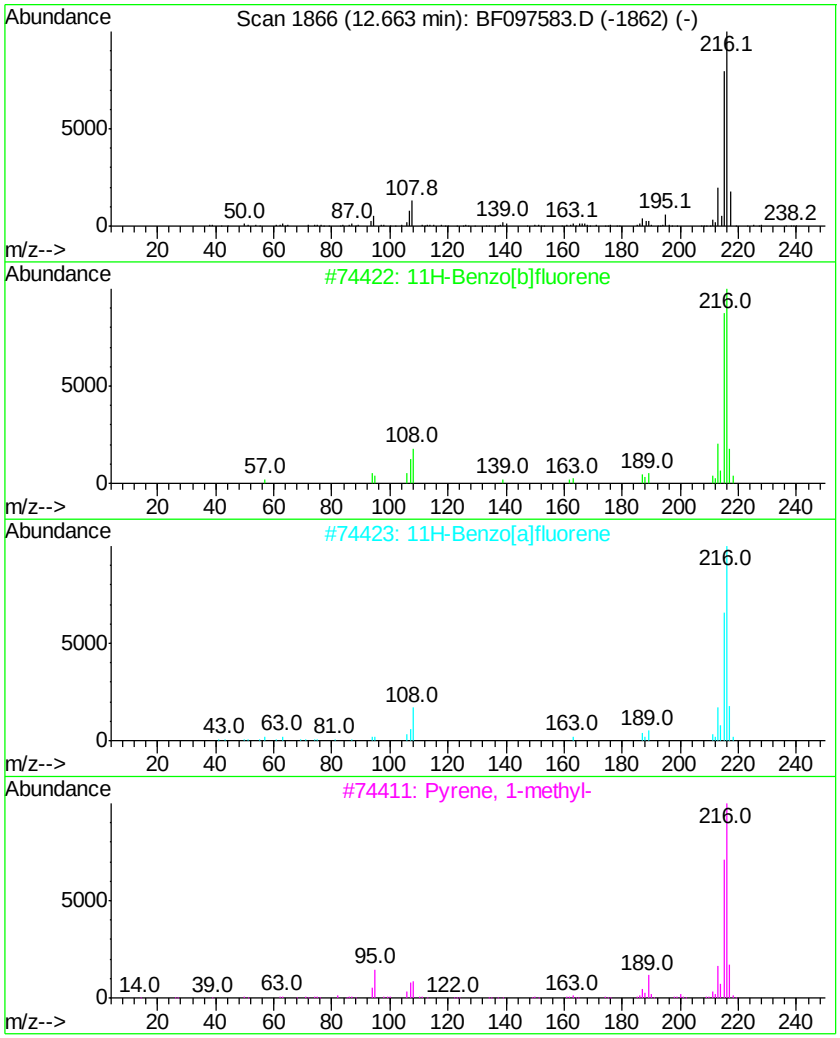
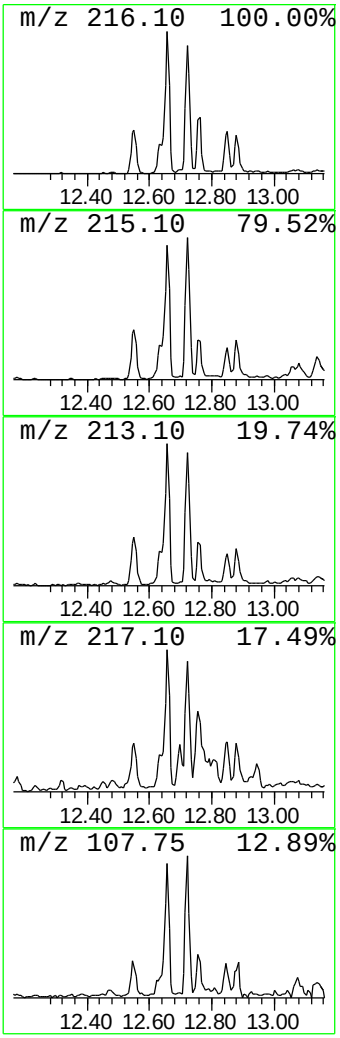
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	5.24 ng	662735	Chrysene-d12	13.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	95
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	6H-Thiazolo[5,4-e]indole, 2,7,8-...	216	C12H12N2S	1000338-32-0	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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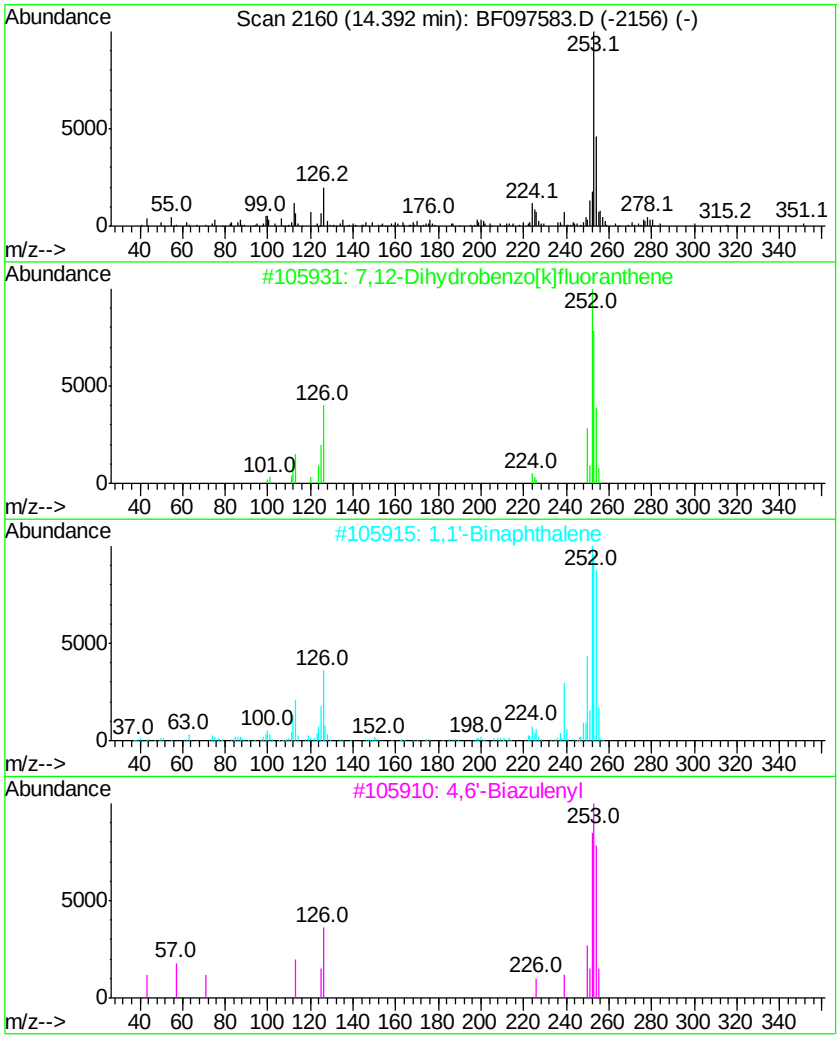
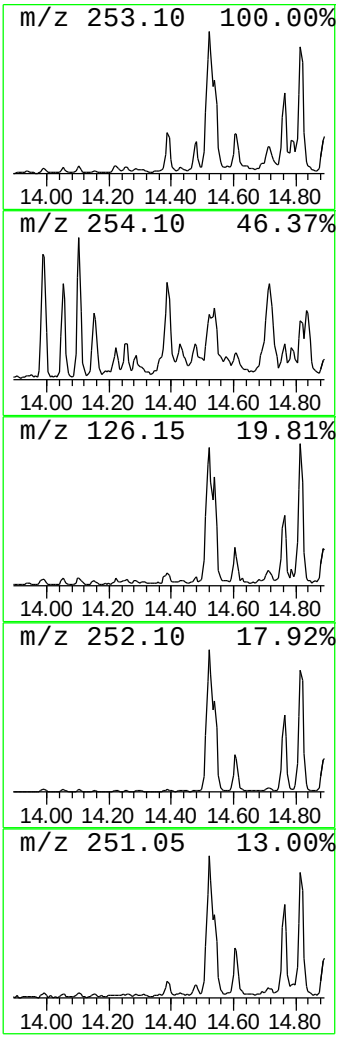
Peak Number 15 7,12-Dihydrobenzo[k]fluoran... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	5.91 ng	122835	Perylene-d12	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	62
2	1,1'-Binaphthalene	254	C20H14	000604-53-5	55
3	4,6'-Biazulenyl	254	C20H14	094154-49-1	46
4	4,4'-Biazulenyl	254	C20H14	094053-54-0	46
5	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	45





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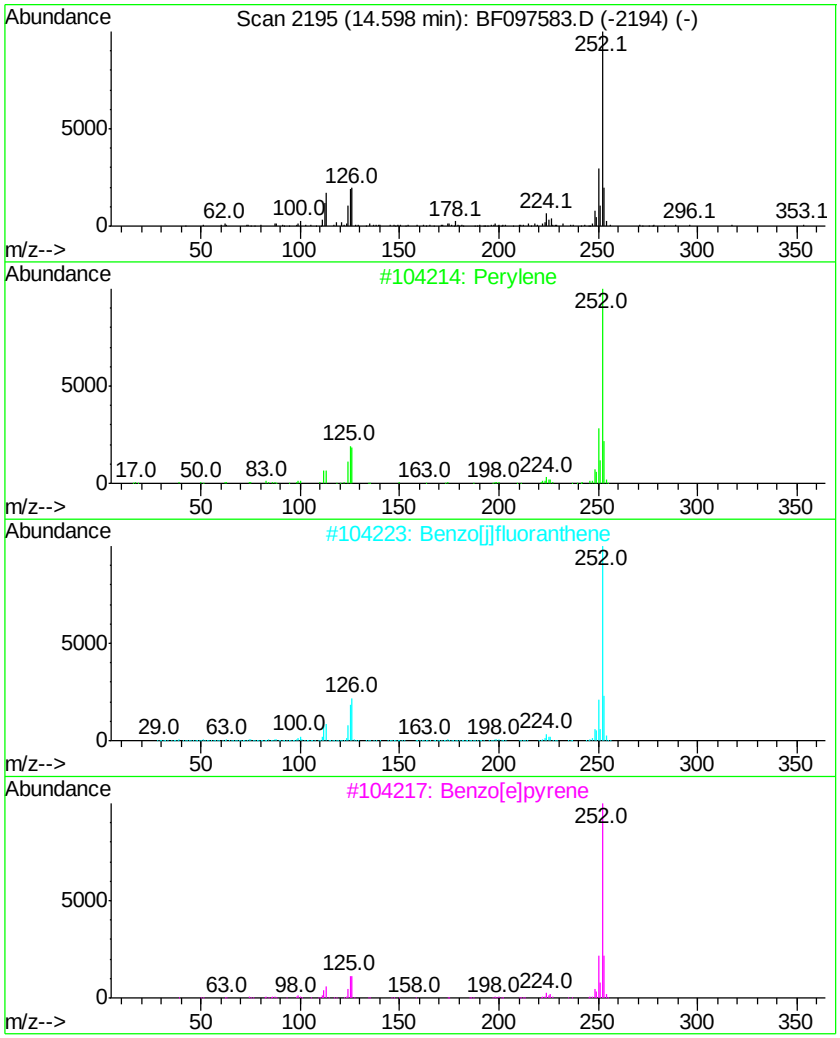
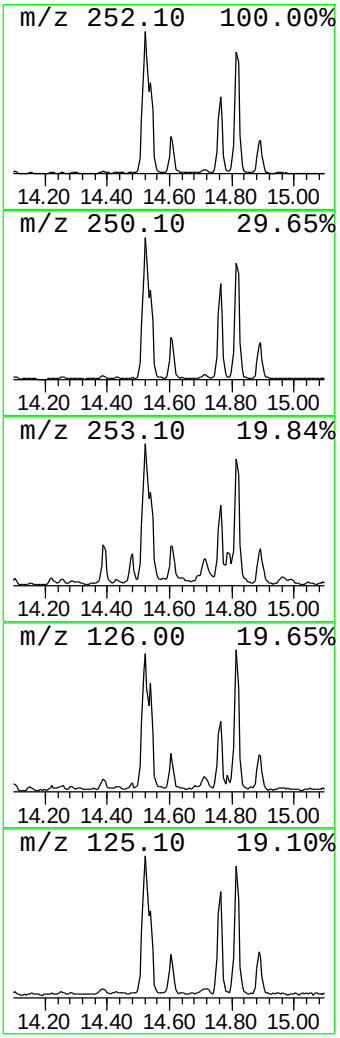
Peak Number 16 Perylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	13.22 ng	274774	Perylene-d12	14.86

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





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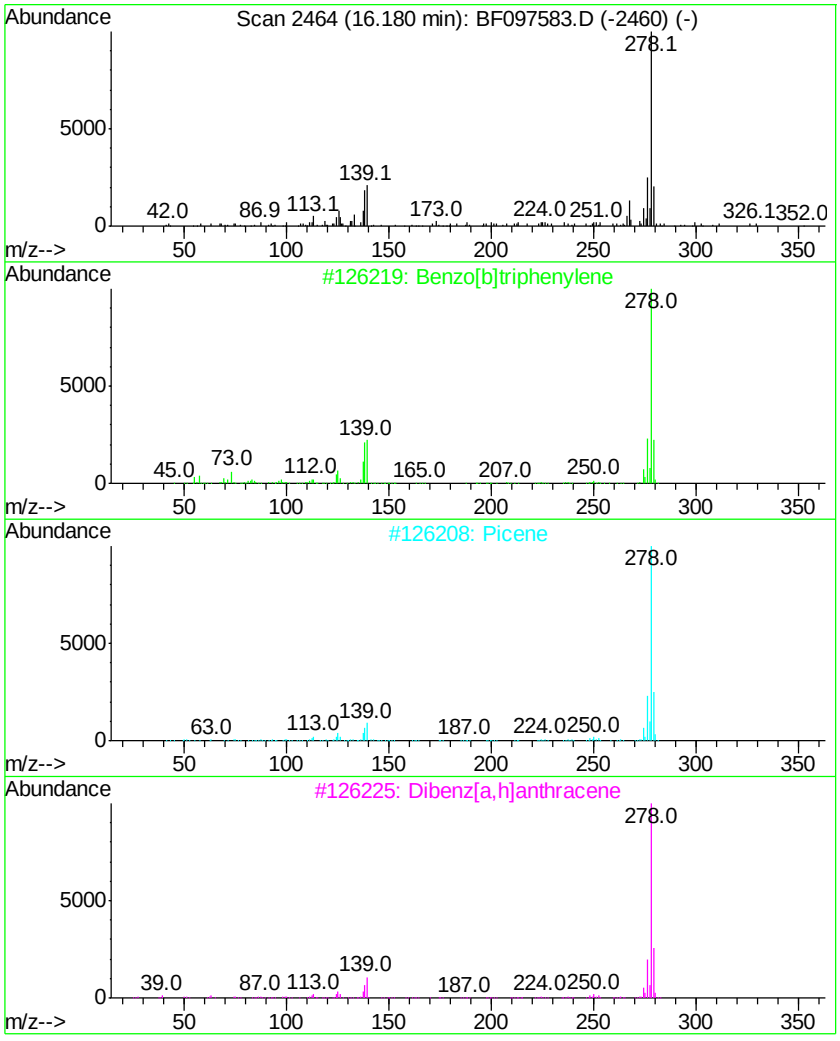
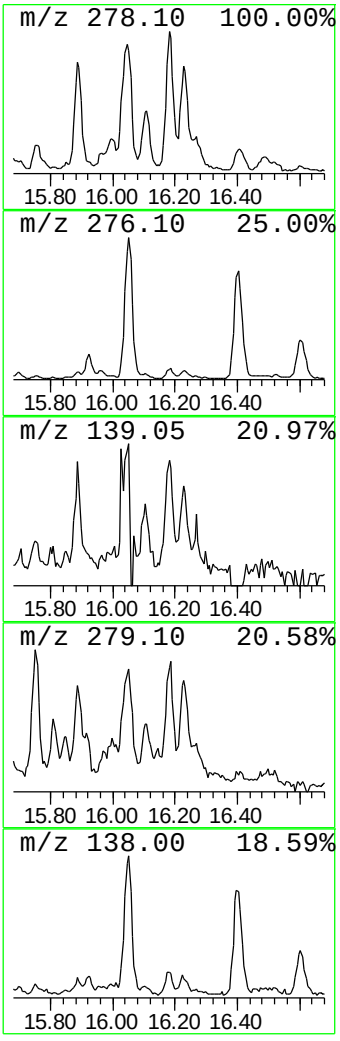
Peak Number 18 Benzo[b]triphenylene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	6.79 ng	141244	Perylene-d12	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	96
2	Picene	278	C22H14	000213-46-7	86
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	86
4	Pentaphene	278	C22H14	000222-93-5	78
5	Benzo[b]chrysene	278	C22H14	000214-17-5	70





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Sample : I4697-15 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI-9B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

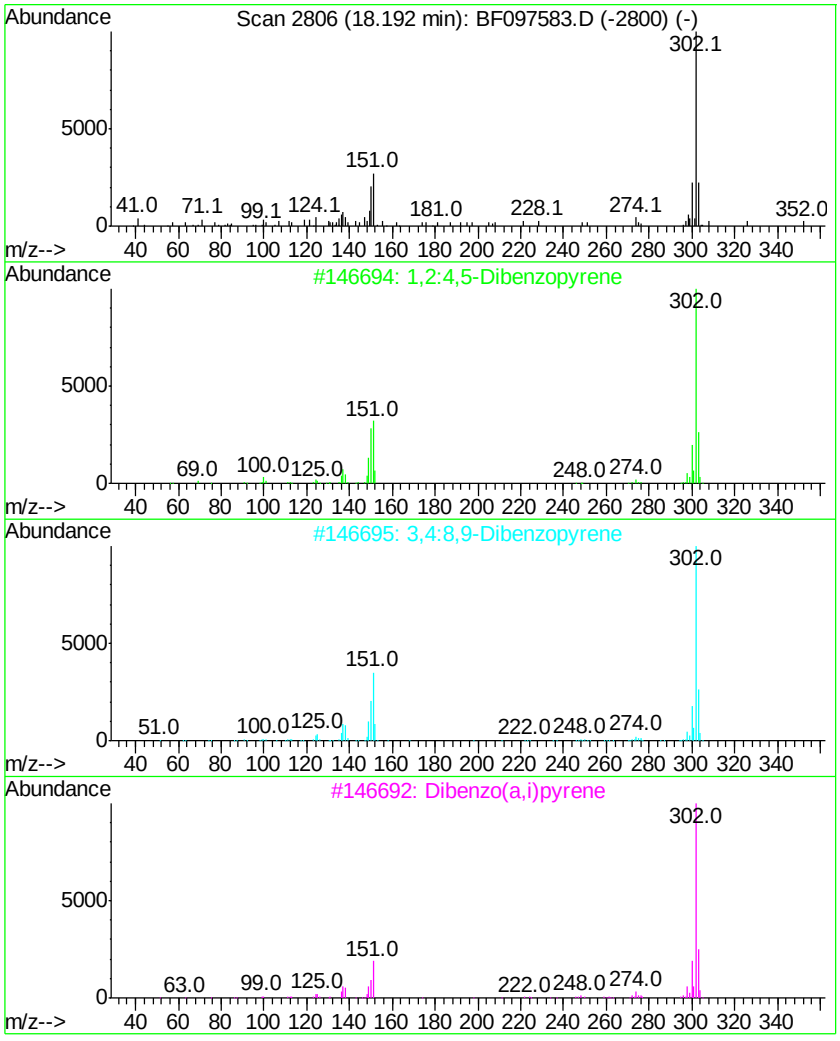
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

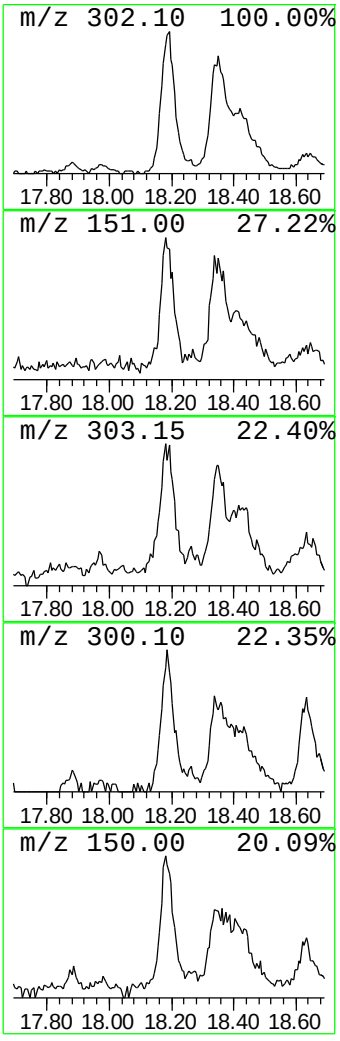
****

Peak Number 20 1,2:4,5-Dibenzopyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	9.05 ng	188095	Perylene-d12	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	96
2	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	93
3	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	89
4	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	64
5	1,2,9,10-Dibenzopyrene	302	C24H14	000191-30-0	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081017\
Data File : BF097583.D
Acq On : 11 Aug 2017 2:58
Operator : SJ/JU
Sample : I4697-15 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI-9B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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
unknown6.17	6.17	13.7	ng	470752	1	6.39	686575	20.0
Dibenzofuran, 4-m...	10.12	6.4	ng	261048	3	9.42	811644	20.0
9H-Fluorene, 1-me...	10.51	8.2	ng	316026	4	10.89	768586	20.0
Phenol, 4-(2-phen...	10.75	6.1	ng	235427	4	10.89	768586	20.0
Dibenzothiophene	10.79	10.9	ng	420275	4	10.89	768586	20.0
Phenanthrene, 2-m...	11.39	15.1	ng	578647	4	10.89	768586	20.0
Phenanthrene, 1-m...	11.42	17.1	ng	656884	4	10.89	768586	20.0
Anthracene, 9-met...	11.53	10.5	ng	402428	4	10.89	768586	20.0
1,2,4,8-Tetrameth...	11.69	9.8	ng	375107	4	10.89	768586	20.0
Anthracene, 1,4-d...	11.94	10.2	ng	390189	4	10.89	768586	20.0
unknown11.98	11.98	8.1	ng	311549	4	10.89	768586	20.0
Tricyclo[8.2.2.2(...	12.04	6.0	ng	230143	4	10.89	768586	20.0
11H-Benzo[b]fluorene	12.66	5.2	ng	662735	5	13.53	2529140	20.0
7,12-Dihydrobenzo...	14.39	5.9	ng	122835	6	14.86	415847	20.0
Perylene	14.60	13.2	ng	274774	6	14.86	415847	20.0
Benzo[b]triphenylene	16.18	6.8	ng	141244	6	14.86	415847	20.0
1,2:4,5-Dibenzopy...	18.19	9.1	ng	188095	6	14.86	415847	20.0