LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
Data File : BF098980.D
Acq On : 30 Sep 2017 23:21
Operator : SJ/JU
Sample : I5563-07 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-SB-ESMI-7

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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	5.528	579	585	595	rBV	389378	358628	6.61%	0.599%
2	6.534	752	756	765	rVB	355935	351894	6.49%	0.588%
3	6.681	775	781	785	rBV	450209	356057	6.56%	0.595%
4	6.916	817	821	825	rBV	902777	726928	13.40%	1.215%
5	7.069	842	847	850	rBV	322434	266718	4.92%	0.446%
6	7.469	912	915	919	rBV	204097	179989	3.32%	0.301%
7	8.198	1035	1039	1041	rBV	1056209	908841	16.75%	1.519%
8	8.222	1041	1043	1046	rVV	777325	589694	10.87%	0.986%
9	8.910	1157	1160	1164	rBV	180865	146843	2.71%	0.245%
10	9.010	1173	1177	1180	rBV	273924	218587	4.03%	0.365%
11	9.269	1213	1221	1224	rBV	382630	299725	5.52%	0.501%
12	9.369	1236	1238	1243	rVB	208930	185789	3.42%	0.311%
13	9.539	1262	1267	1270	rBV	221351	301883	5.56%	0.505%
14	9.610	1274	1279	1282	rBV	326801	337665	6.22%	0.564%
15	9.727	1297	1299	1304	rVB	156465	143029	2.64%	0.239%
16	9.816	1310	1314	1317	rVB2	353161	300392	5.54%	0.502%
17	9.933	1331	1334	1335	rBV	113295	99484	1.83%	0.166%
18	9.957	1335	1338	1340	rVV	791705	729052	13.44%	1.219%
19	9.986	1340	1343	1347	rVV	1522516	1288366	23.75%	2.154%
20	10.157	1368	1372	1375	rBV	743486	651037	12.00%	1.088%
21	10.192	1375	1378	1382	rVB	158062	126907	2.34%	0.212%
22	10.263	1386	1390	1393	rBV2	162046	195308	3.60%	0.326%
23	10.298	1393	1396	1401	rVB	147613	142688	2.63%	0.239%
24	10.357	1401	1406	1408	rBV3	104924	144956	2.67%	0.242%
25	10.404	1412	1414	1417	rBV	121485	113875	2.10%	0.190%
26	10.504	1427	1431	1435	rVB	1281172	1156438	21.32%	1.933%
27	10.586	1443	1445	1447	rVV3	134615	109143	2.01%	0.182%
28	10.610	1447	1449	1452	rVV2	119506	112085	2.07%	0.187%
29	10.657	1455	1457	1460	rVB	319037	247488	4.56%	0.414%
30	10.739	1465	1471	1475	rVV3	538501	727874	13.42%	1.217%
31	10.786	1475	1479	1482	rVB2	71225	96430	1.78%	0.161%
32	10.863	1487	1492	1495	rVB4	105711	108268	2.00%	0.181%
33	11.051	1519	1524	1526	rBV2	303170	326381	6.02%	0.546%
34	11.074	1526	1528	1531	rVV	117283	97848	1.80%	0.164%

LSC Area Percent Report

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Operator : SJ/JU
Sample : I5563-07 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-SB-ESMI-7

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.133	1535	1538	1541	rVV	145802	128007	2.36%	0.214%
36	11.174	1541	1545	1547	rVV3	183493	196759	3.63%	0.329%
37	11.198	1547	1549	1554	rVV2	185977	232427	4.28%	0.389%
38	11.251	1555	1558	1561	rVV2	160844	167590	3.09%	0.280%
39	11.286	1561	1564	1568	rVV2	180043	225522	4.16%	0.377%
40	11.339	1568	1573	1578	rVB	484672	493240	9.09%	0.825%
41	11.445	1587	1591	1593	rBV	724245	821884	15.15%	1.374%
42	11.474	1593	1596	1599	rVV	4106323	4235217	78.06%	7.080%
43	11.521	1599	1604	1607	rVV	2306335	2213955	40.81%	3.701%
44	11.551	1607	1609	1612	rVV	385040	338601	6.24%	0.566%
45	11.674	1627	1630	1638	rVV	314763	435861	8.03%	0.729%
46	11.739	1638	1641	1645	rVV2	118691	144134	2.66%	0.241%
47	11.945	1670	1676	1678	rVV	660667	595965	10.98%	0.996%
48	11.974	1678	1681	1685	rVB	893638	753277	13.88%	1.259%
49	12.021	1685	1689	1692	rBV	627404	545167	10.05%	0.911%
50	12.063	1692	1696	1702	rVV2	1222435	1595740	29.41%	2.667%
51	12.239	1723	1726	1729	rVB	556239	435038	8.02%	0.727%
52	12.386	1749	1751	1754	rVB	117708	95198	1.75%	0.159%
53	12.421	1754	1757	1759	rBV	130883	103535	1.91%	0.173%
54	12.445	1759	1761	1763	rVB	132978	104384	1.92%	0.174%
55	12.492	1763	1769	1773	rBV2	362627	512119	9.44%	0.856%
56	12.533	1773	1776	1778	rVV	254289	316914	5.84%	0.530%
57	12.580	1782	1784	1790	rVB2	147152	231889	4.27%	0.388%
58	12.674	1794	1800	1802	rBV	4059583	4960477	91.43%	8.292%
59	12.721	1806	1808	1811	rVV2	144732	107087	1.97%	0.179%
60	12.757	1811	1814	1817	rVV	757299	629213	11.60%	1.052%
61	12.810	1820	1823	1831	rVB2	236413	369051	6.80%	0.617%
62	12.904	1831	1839	1842	rBV2	3696542	5425395	100.00%	9.069%
63	12.939	1842	1845	1849	rVB2	287986	375752	6.93%	0.628%
64	13.004	1853	1856	1858	rBV	338741	360881	6.65%	0.603%
65	13.045	1861	1863	1867	rVB	184190	165927	3.06%	0.277%
66	13.098	1868	1872	1877	rBV3	314065	573125	10.56%	0.958%
67	13.192	1884	1888	1889	rVV3	253006	292171	5.39%	0.488%
68	13.215	1889	1892	1895	rVB	1028279	920625	16.97%	1.539%
69	13.280	1895	1903	1906	rBV	981022	1026228	18.92%	1.715%
70	13.321	1906	1910	1913	rVV2	500503	613919	11.32%	1.026%
71	13.374	1917	1919	1922	rVV3	114807	171977	3.17%	0.287%

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Misc :
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Instrument : BNA_F
ClientSampleId : NYSEG-PH4-SB-ESMI-7

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.415	1923	1926	1928	rVV	265721	290722	5.36%	0.486%
73	13.445	1928	1931	1937	rVB2	315564	413540	7.62%	0.691%
74	13.692	1970	1973	1977	rBV	167469	237718	4.38%	0.397%
75	13.727	1977	1979	1982	rVB3	128265	140010	2.58%	0.234%
76	13.839	1995	1998	2000	rBV	186102	193751	3.57%	0.324%
77	13.862	2000	2002	2004	rVV	395526	307048	5.66%	0.513%
78	13.886	2004	2006	2017	rVB4	319393	528900	9.75%	0.884%
79	14.086	2033	2040	2043	rBV3	2260337	3357694	61.89%	5.613%
80	14.115	2043	2045	2051	rVB	1798729	1732081	31.93%	2.895%
81	14.198	2056	2059	2062	rVV	542230	516447	9.52%	0.863%
82	14.227	2062	2064	2068	rVV	176610	183157	3.38%	0.306%
83	14.274	2070	2072	2074	rVB	203939	155900	2.87%	0.261%
84	14.309	2074	2078	2081	rBV2	185479	233778	4.31%	0.391%
85	14.468	2103	2105	2109	rVV	395240	390135	7.19%	0.652%
86	14.504	2109	2111	2115	rVB	182772	153993	2.84%	0.257%
87	14.568	2120	2122	2124	rVV	225127	192182	3.54%	0.321%
88	14.598	2124	2127	2129	rVV	219860	224818	4.14%	0.376%
89	14.621	2129	2131	2135	rVB2	277618	233165	4.30%	0.390%
90	14.974	2189	2191	2194	rBV	88835	100200	1.85%	0.167%
91	15.145	2215	2220	2223	rBV	1053320	1698250	31.30%	2.839%
92	15.256	2235	2239	2242	rVB	302028	331680	6.11%	0.554%
93	15.456	2269	2273	2279	rVB	645662	869373	16.02%	1.453%
94	15.527	2279	2285	2290	rVV	1146736	1451904	26.76%	2.427%
95	15.586	2291	2295	2298	rVV	370004	520590	9.60%	0.870%
96	15.615	2298	2300	2306	rVB	327914	427044	7.87%	0.714%
97	16.162	2390	2393	2399	rVB	79140	114858	2.12%	0.192%
98	17.103	2547	2553	2561	rVB2	434650	834878	15.39%	1.396%
99	17.568	2625	2632	2640	rBV	316245	665627	12.27%	1.113%
100	17.809	2668	2673	2679	rVB2	128375	261709	4.82%	0.437%

Sum of corrected areas: 59821693

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
Data File : BF098980.D
Acq On : 30 Sep 2017 23:21
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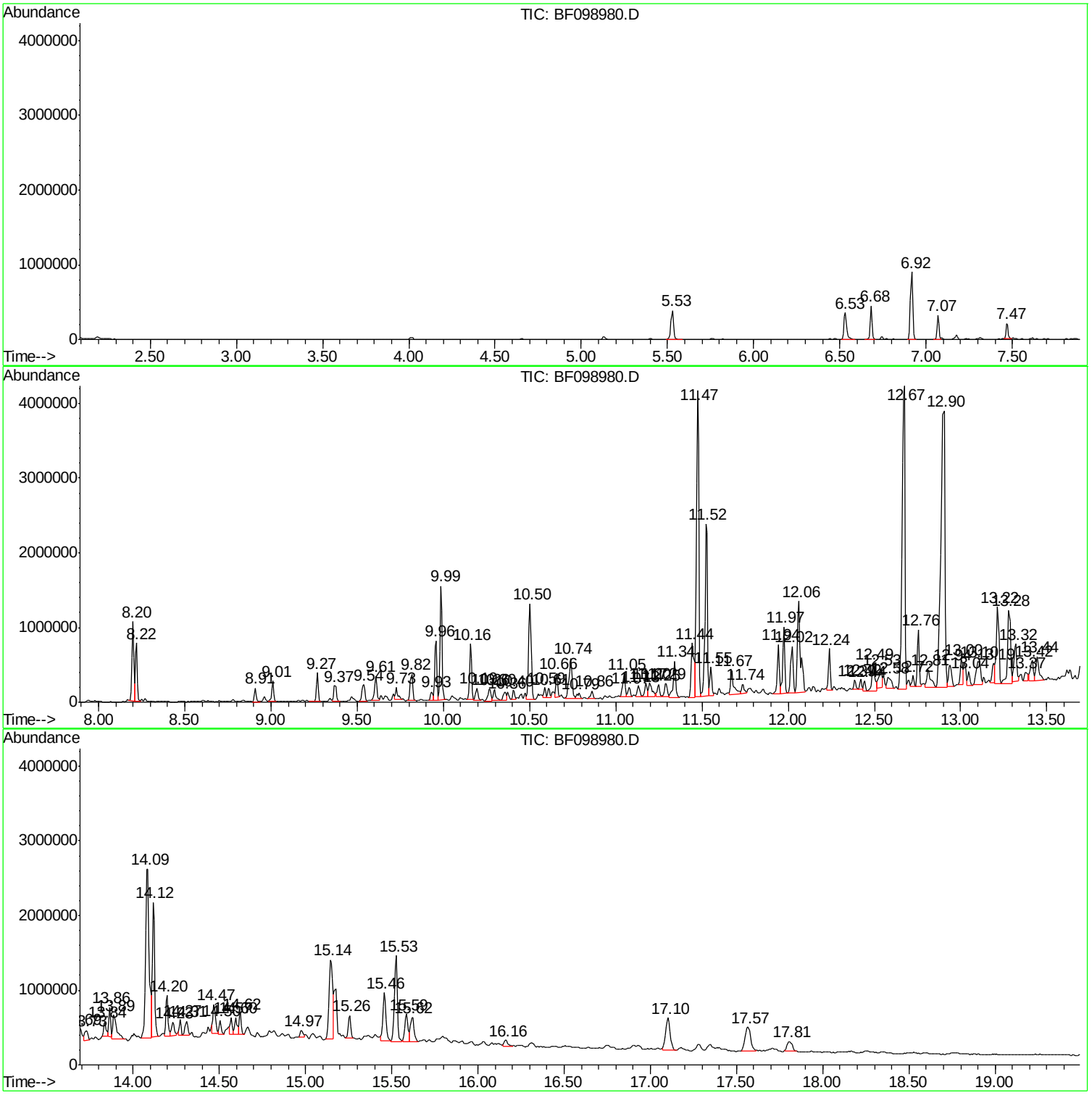
Sample : I5563-07 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-SB-ESMI-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
Data File : BF098980.D
Acq On : 30 Sep 2017 23:21
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Sample : I5563-07 10X
Misc :
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Instrument : BNA_F
ClientSampleId : NYSEG-PH4-SB-ESMI-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

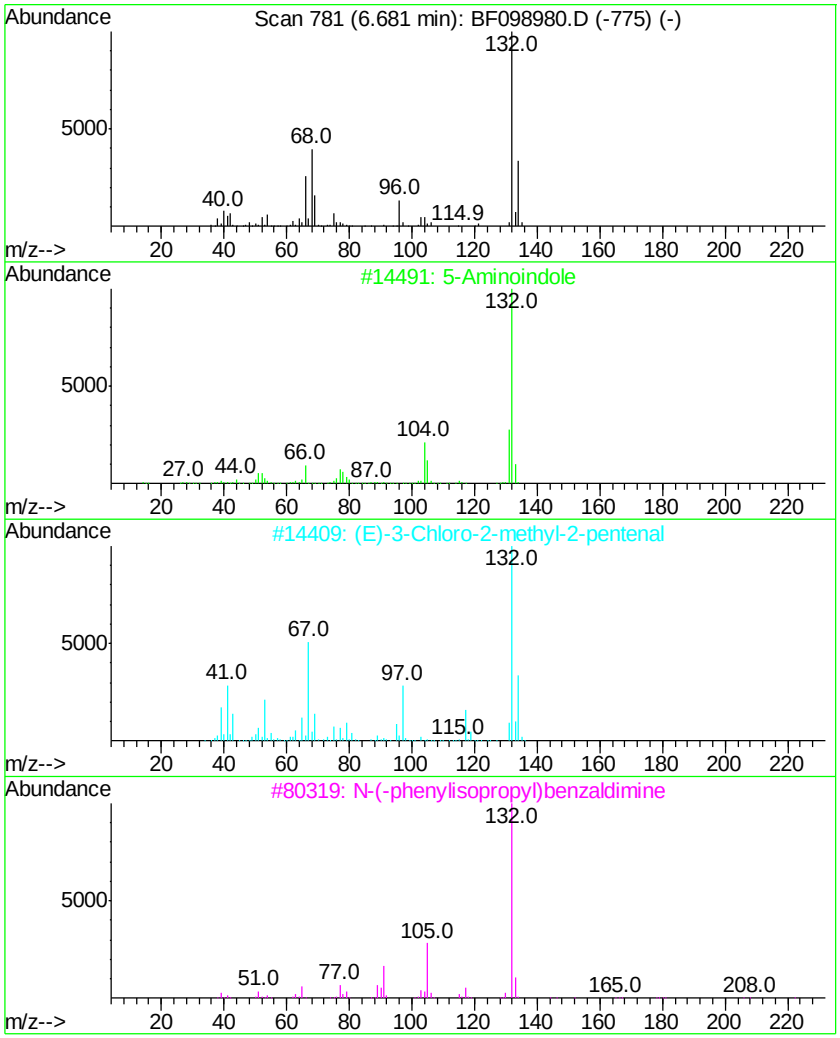
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

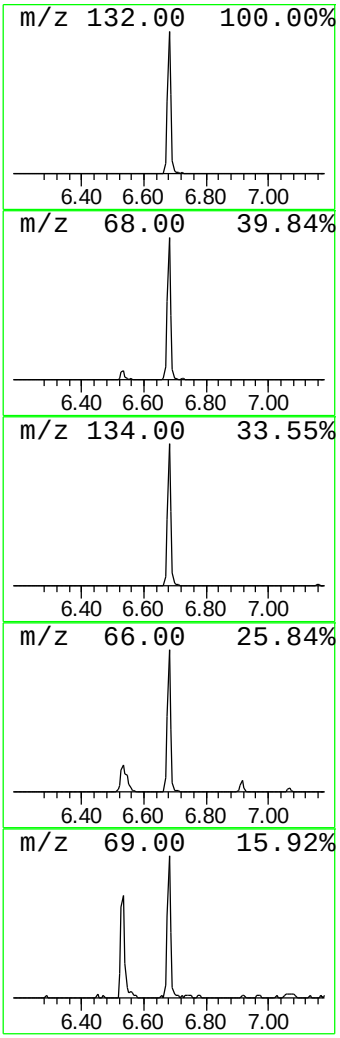
****

Peak Number 1 unknown6.68 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	9.80 ng	356057	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindole	132	C8H8N2	005192-03-0	12
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	N-(-phenylisopropyl)benzaldimine	223	C16H17N	1000379-01-3	10
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
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Misc :
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Instrument : BNA_F
ClientSampleId : NYSEG-PH4-SB-ESMI-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

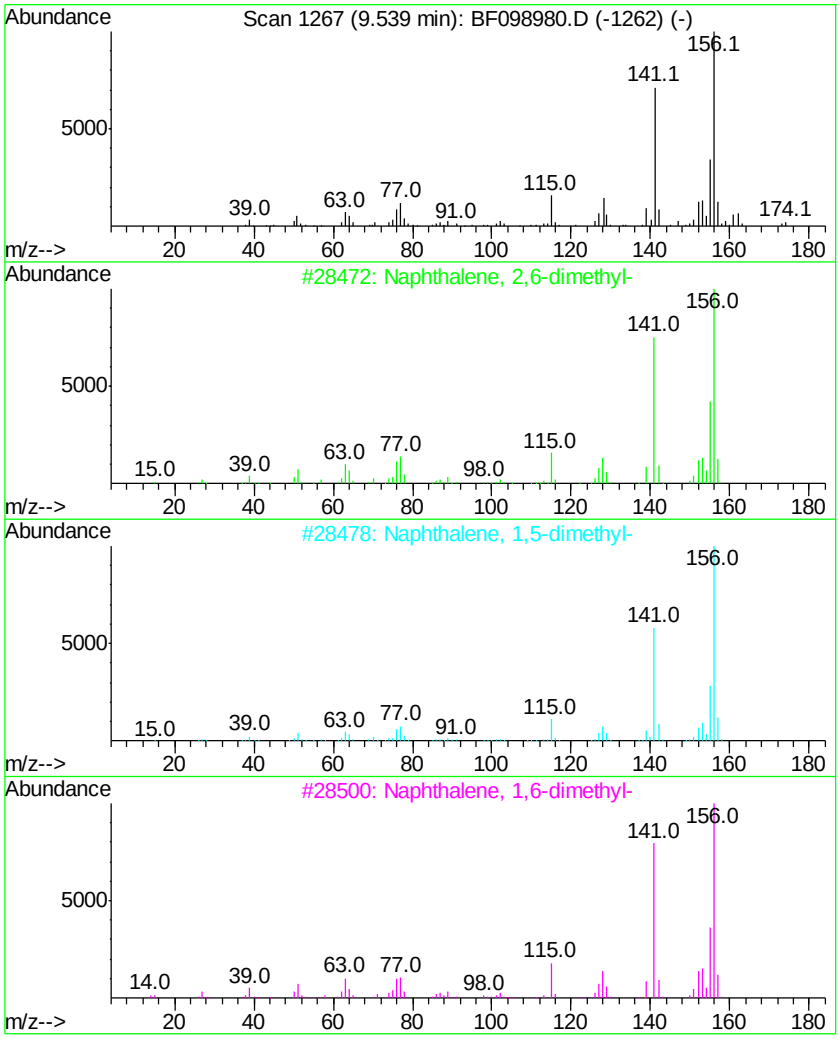
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

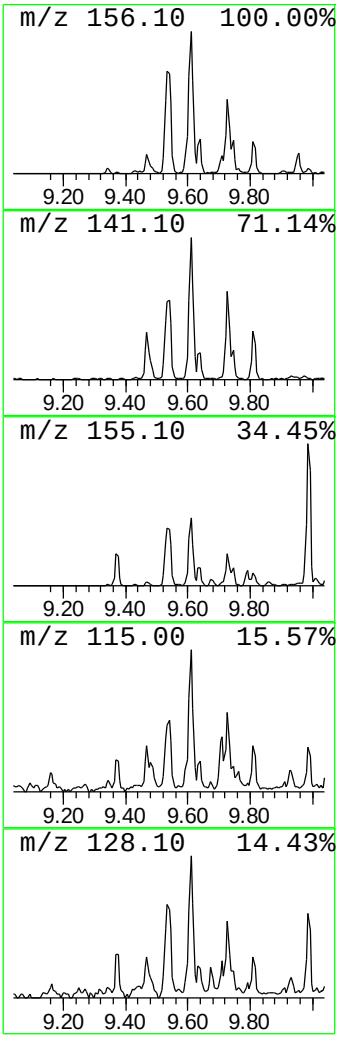
****

Peak Number 3 Naphthalene, 2,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	8.28 ng	301883	Acenaphthene-d10	9.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





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ClientSampleId : NYSEG-PH4-SB-ESMI-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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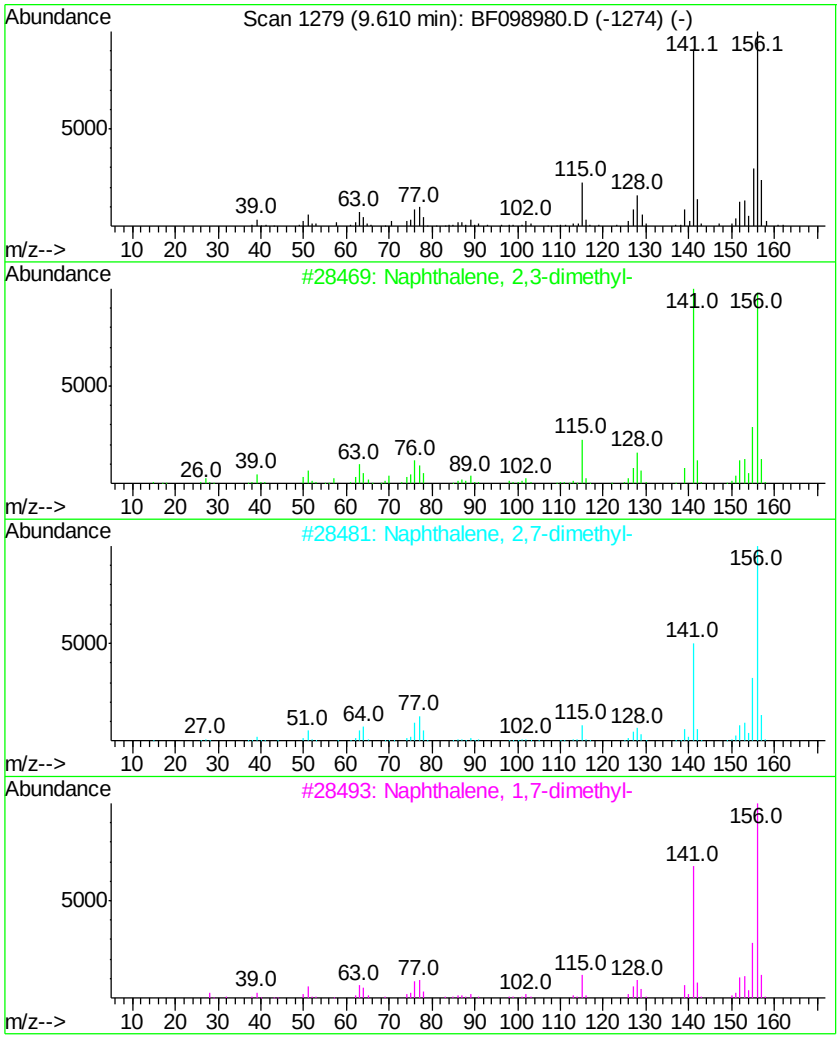
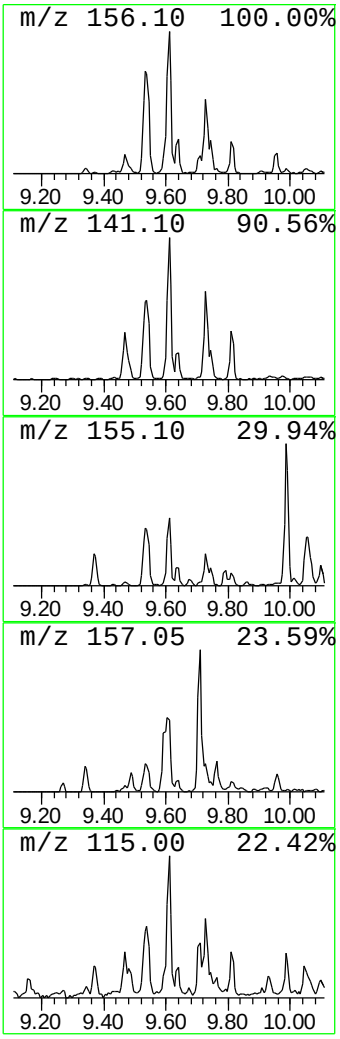
Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.61	9.26 ng	337665	Acenaphthene-d10	9.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95





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Misc :
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Instrument : BNA_F
ClientSampleId : NYSEG-PH4-SB-ESMI-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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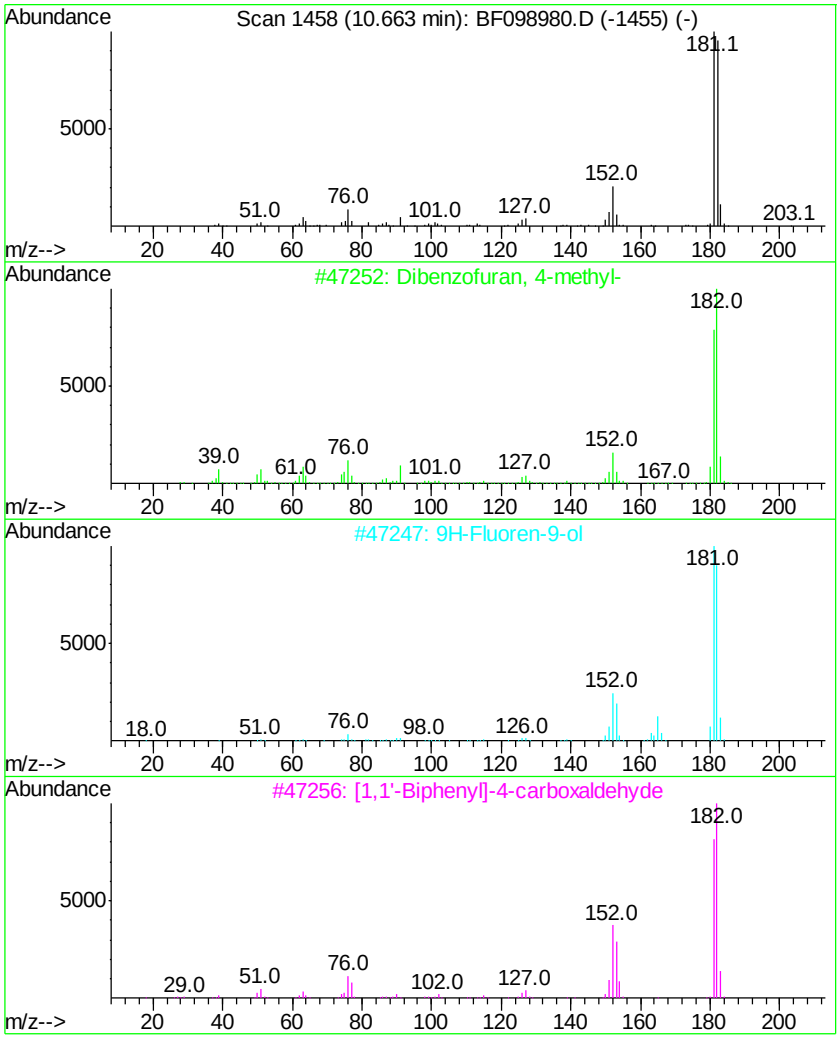
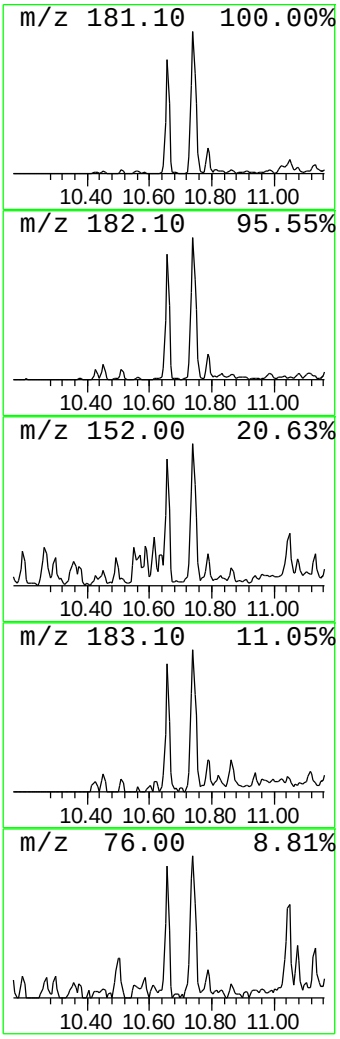
Peak Number 5 Dibenzofuran, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	6.79 ng	247488	Acenaphthene-d10	9.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
5	Norharmane, N-methyl-	182	C12H10N2	1000374-78-6	72





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Sample : I5563-07 10X
Misc :
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Instrument : BNA_F
ClientSampleId : NYSEG-PH4-SB-ESMI-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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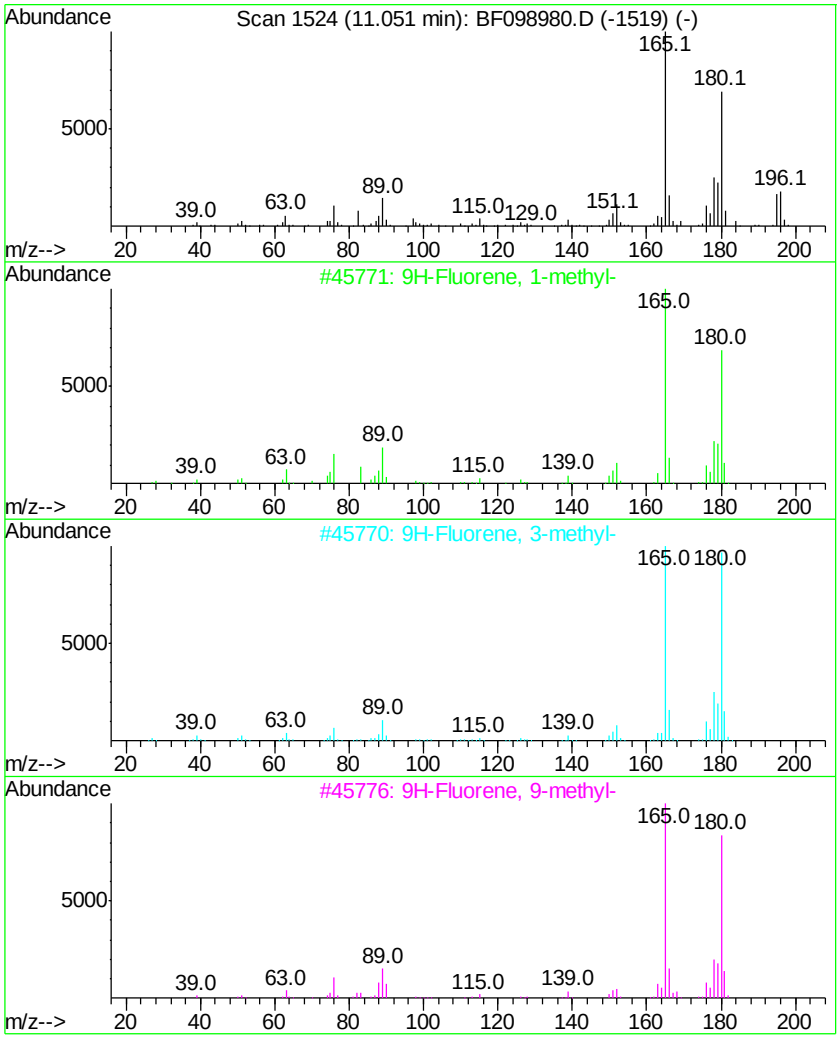
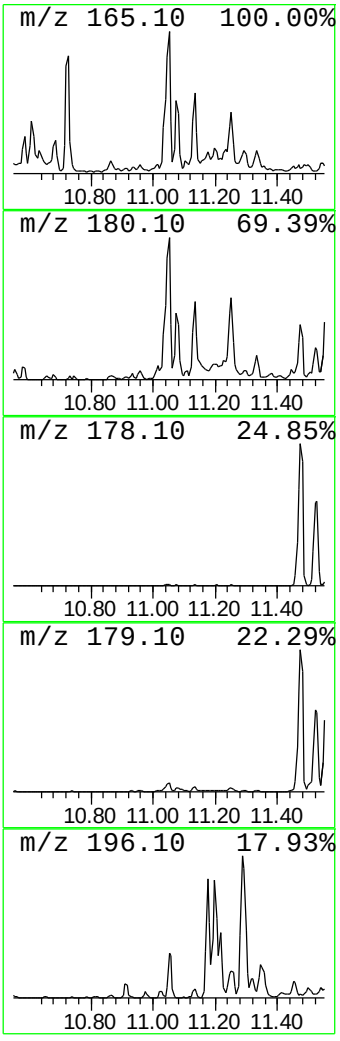
Peak Number 6 9H-Fluorene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	7.94 ng	326381	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	94
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	76
4	(3H)Benzo[c]pyrrole, 3-methyl-3-...	208	C14H12N2	059341-20-7	72
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	62





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Acq On : 30 Sep 2017 23:21
Operator : SJ/JU
Sample : I5563-07 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-SB-ESMI-7

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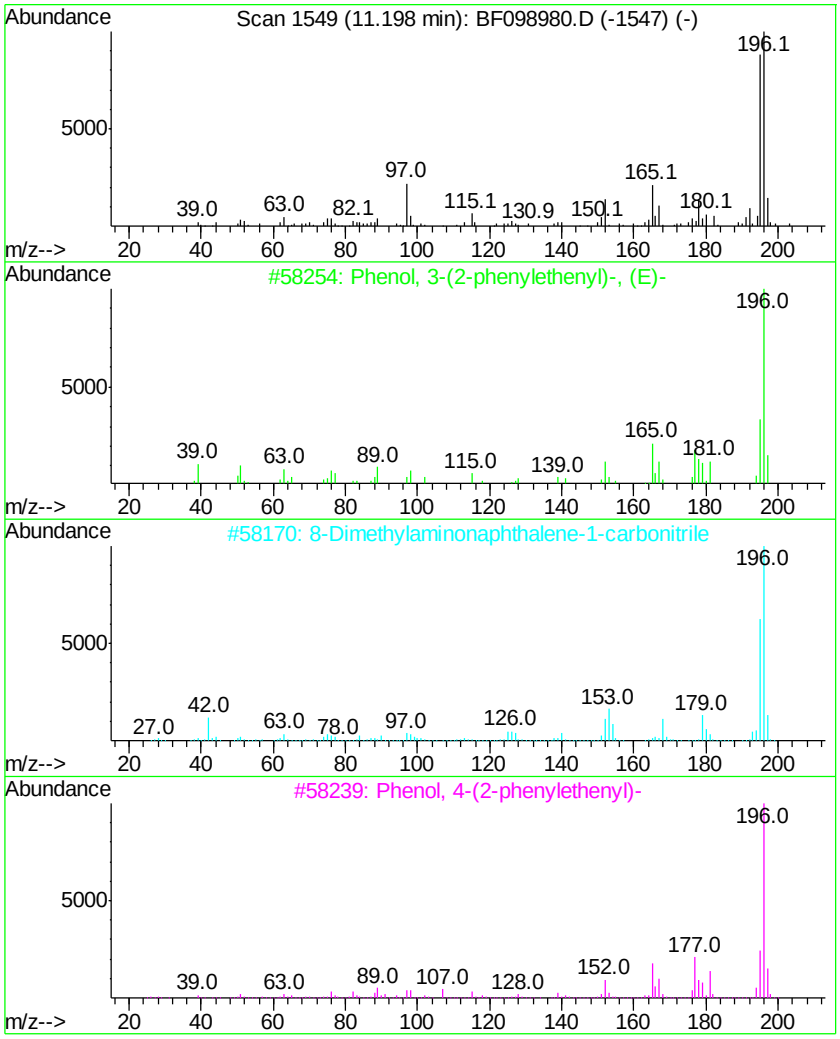
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

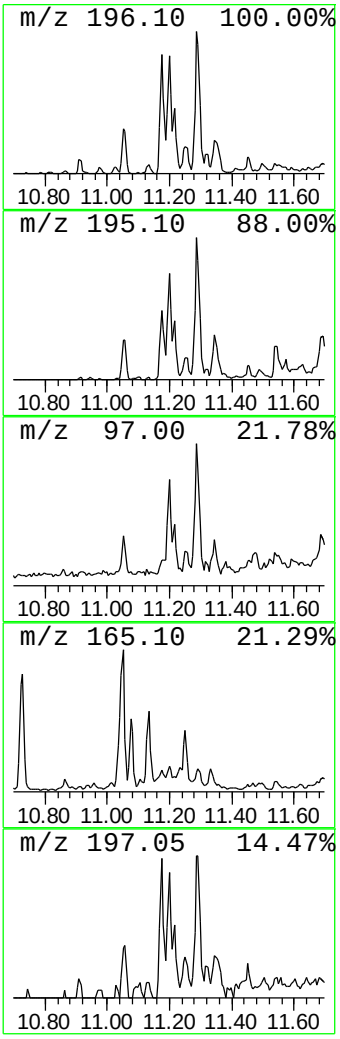
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Phenol, 3-(2-phenylethenyl)... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	5.66 ng	232427	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	64
2	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	64
3	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	60
4	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	58
5	Benzenamine, 4-[(E)-2-(4-pyridin...	196	C13H12N2	1000351-61-4	43





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Sample : I5563-07 10X
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Instrument : BNA_F
ClientSampleId : NYSEG-PH4-SB-ESMI-7

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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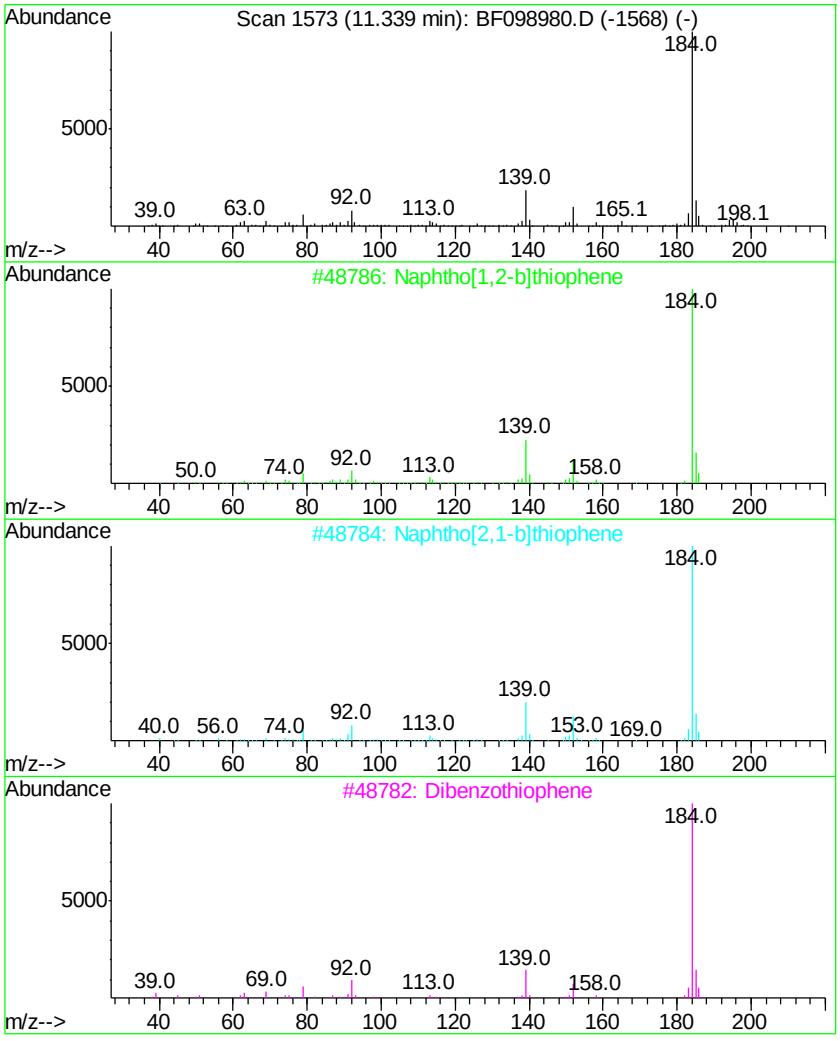
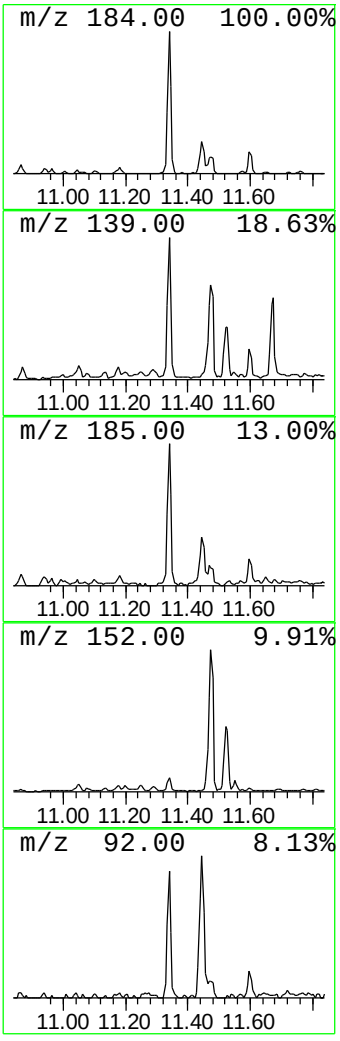
Peak Number 8 Naphtho[1,2-b]thiophene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	12.00 ng	493240	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
3	Dibenzothiophene	184	C12H8S	000132-65-0	96
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
5	Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	72





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Instrument : BNA_F
ClientSampleId : NYSEG-PH4-SB-ESMI-7

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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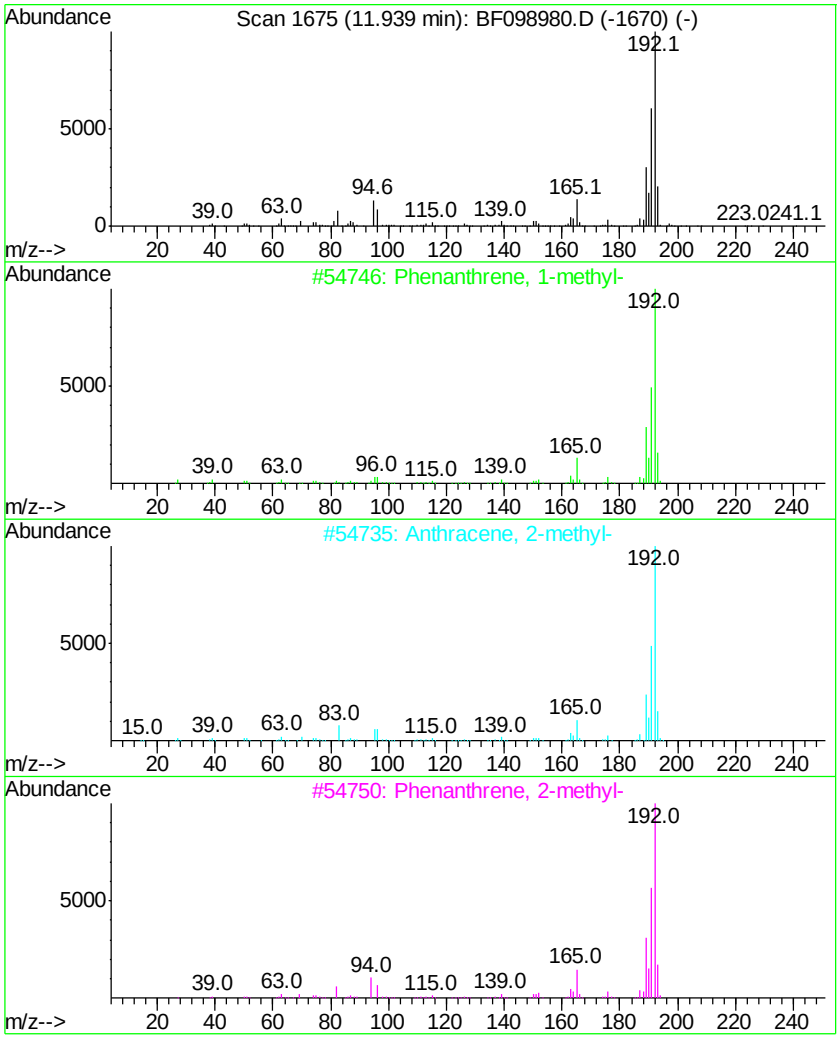
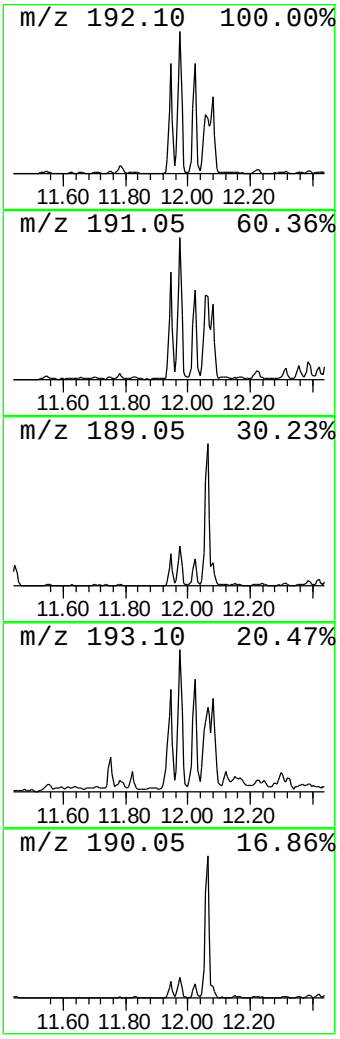
Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	14.50 ng	595965	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-SB-ESMI-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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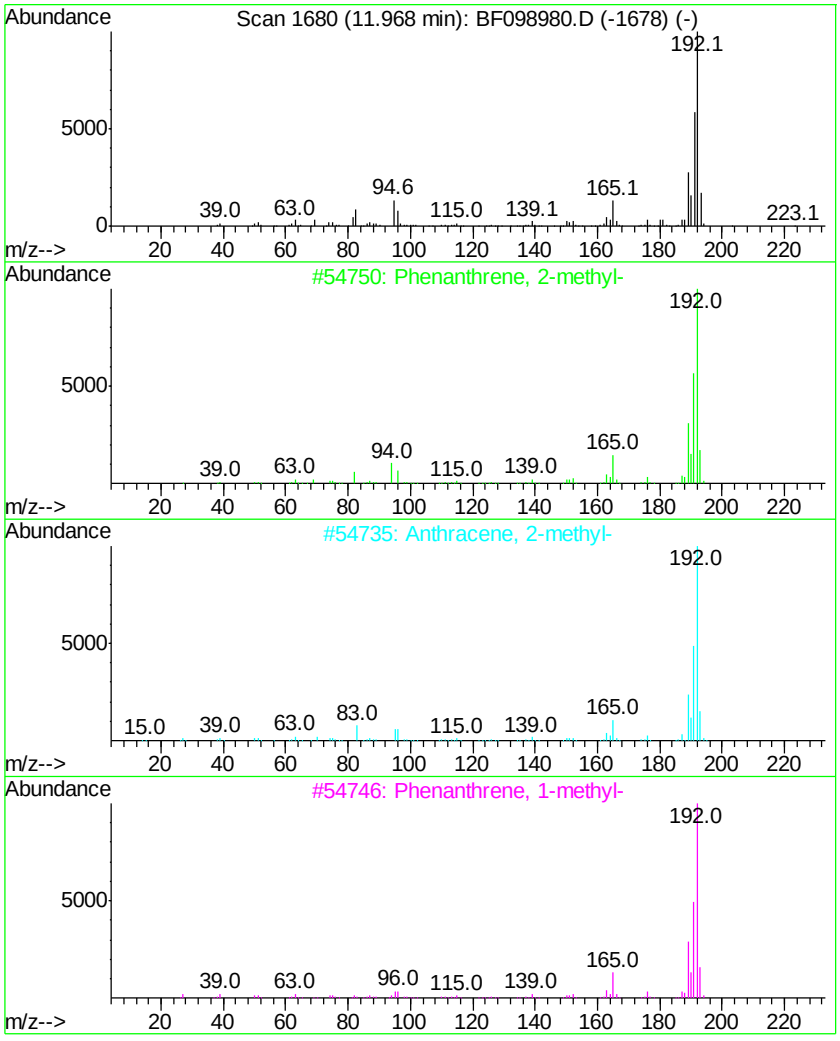
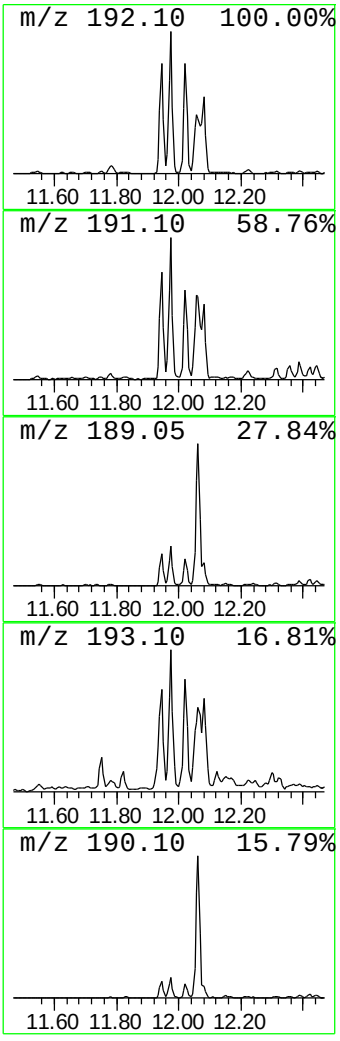
Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	18.33 ng	753277	Phenanthrene-d10	11.45

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	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-SB-ESMI-7

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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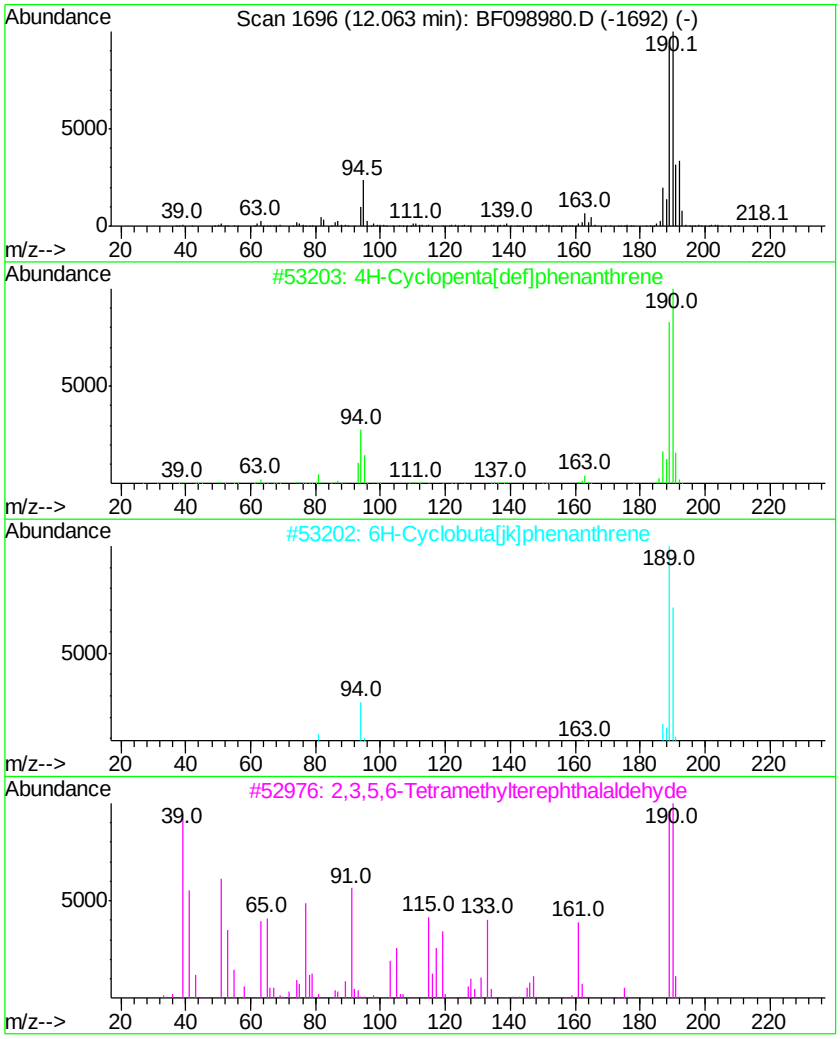
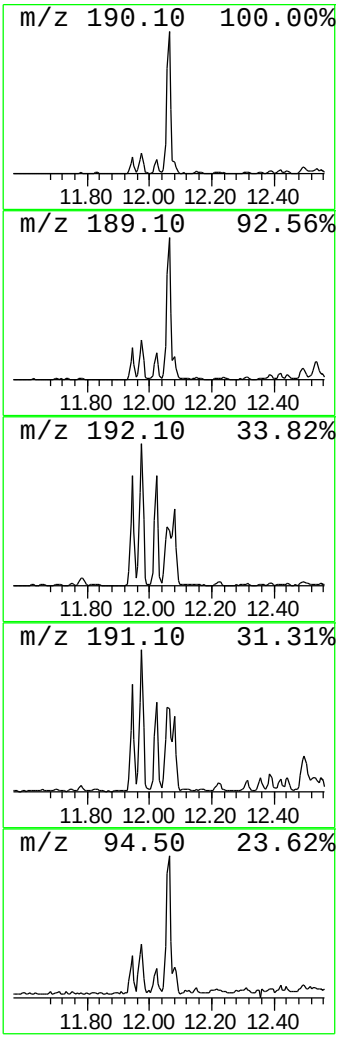
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	38.83 ng	1595740	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	Methyl diselenide	190	C2H6Se2	007101-31-7	46
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	33





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ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-SB-ESMI-7

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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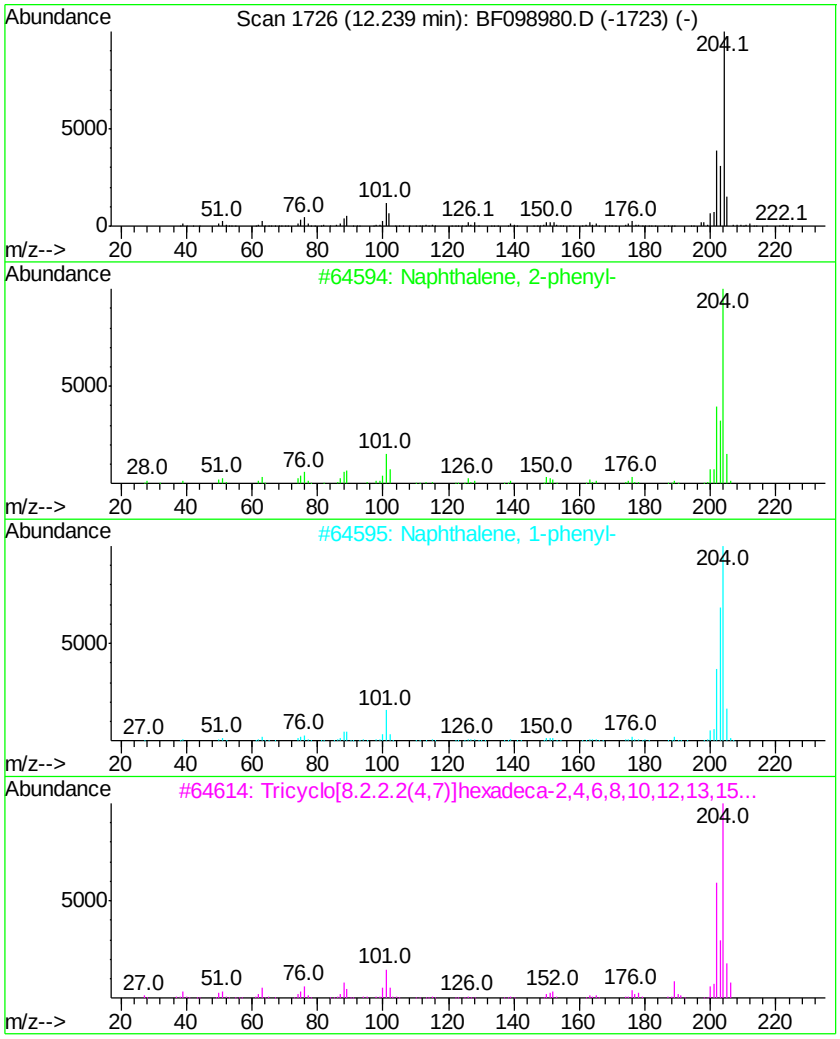
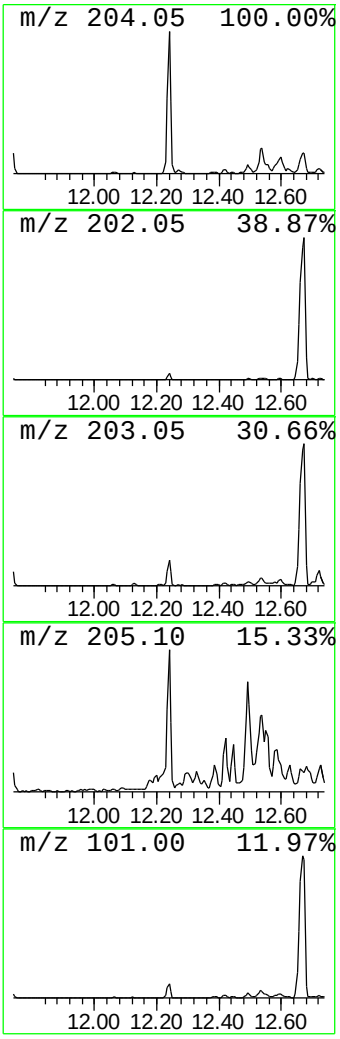
Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	10.59 ng	435038	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
4	Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	43
5	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	43





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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-SB-ESMI-7

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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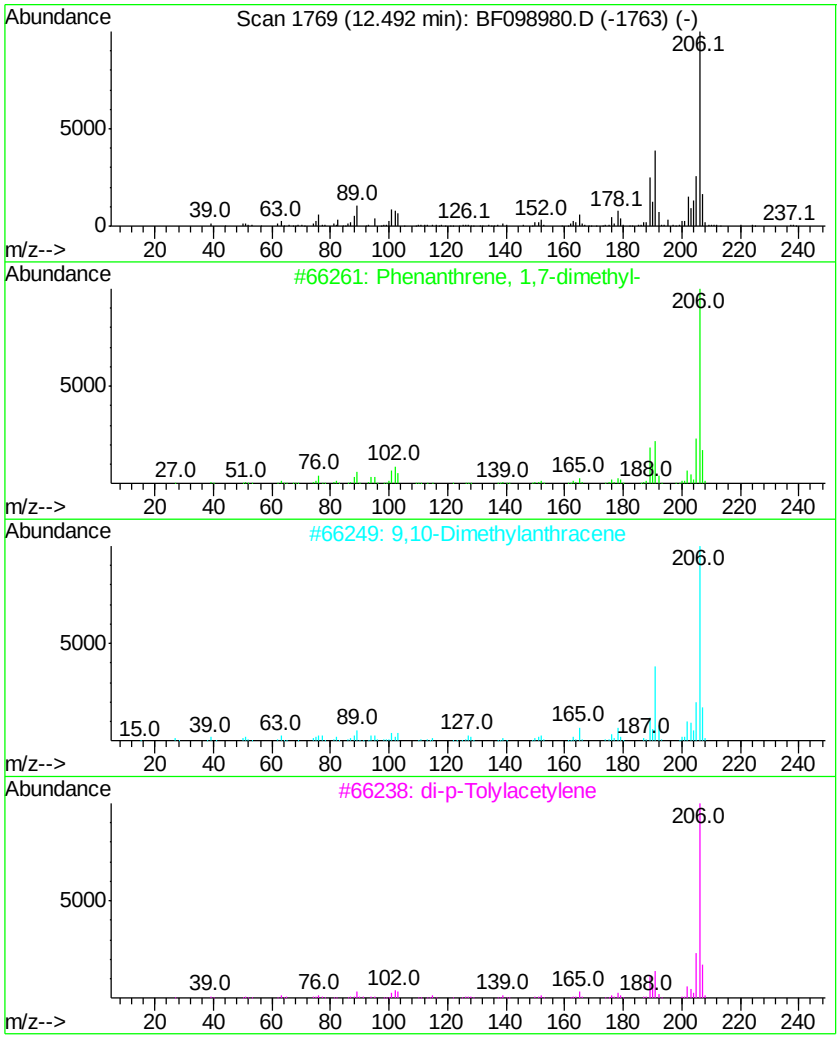
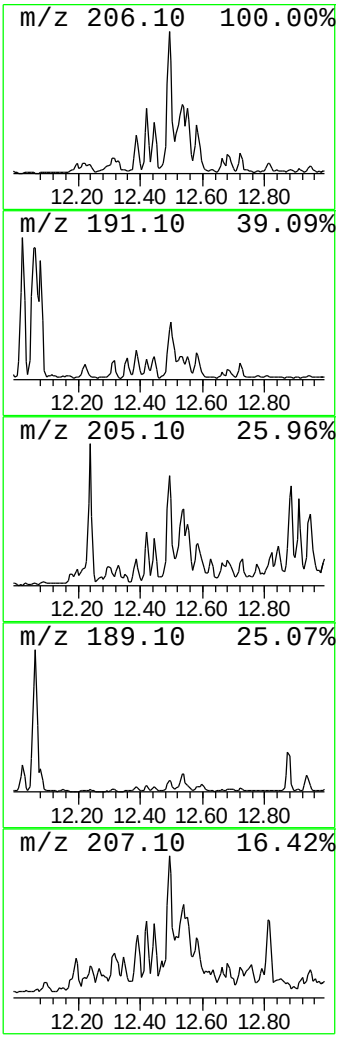
Peak Number 14 Phenanthrene, 1,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	12.46 ng	512119	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	96
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93





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Instrument : BNA_F
ClientSampleId : NYSEG-PH4-SB-ESMI-7

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TIC Integration Parameters: LSCINT.P

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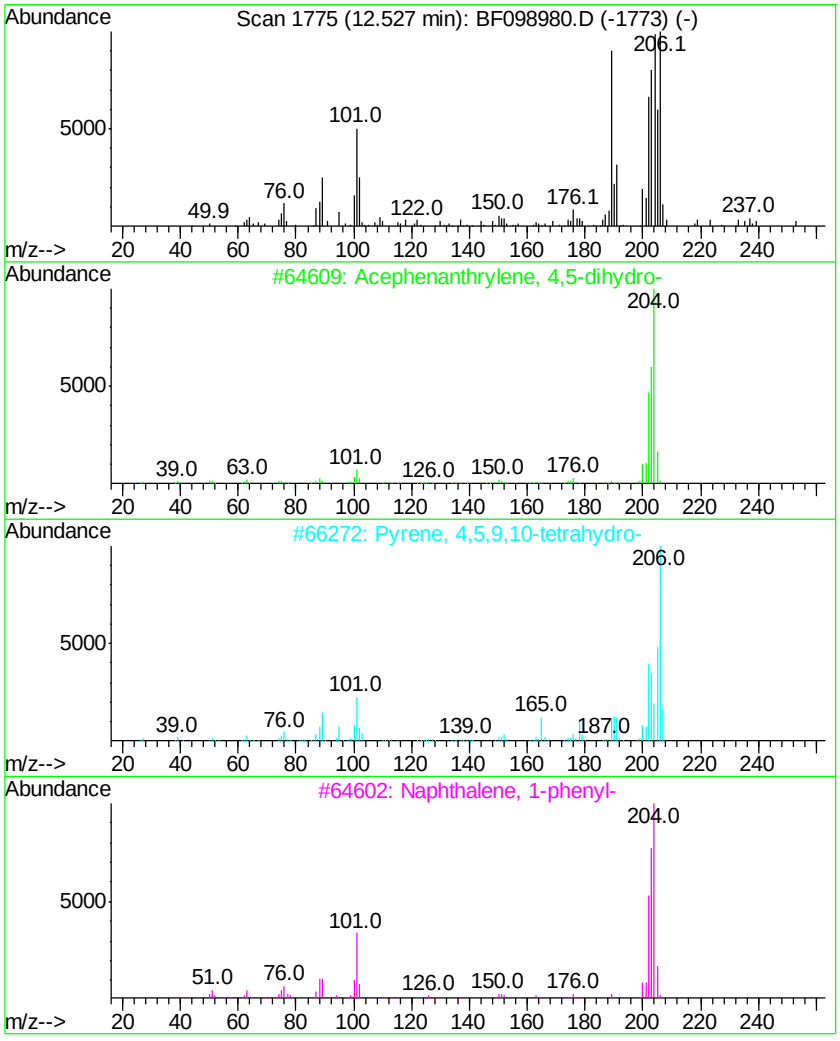
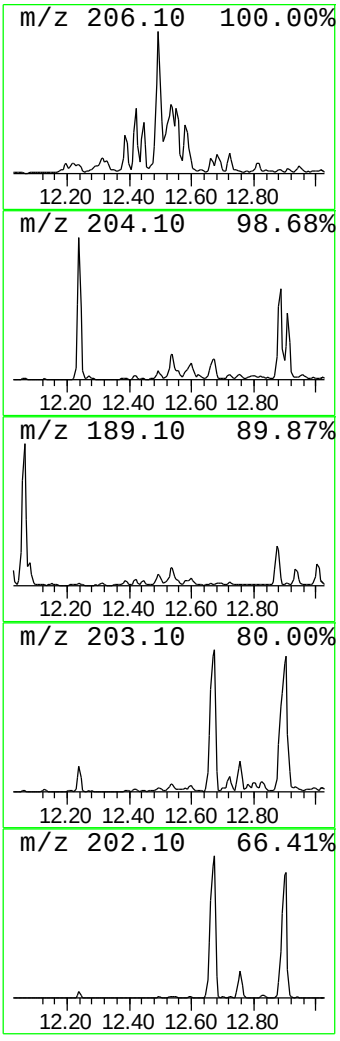
Peak Number 15 Acephenanthrylene, 4,5-dihy... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	7.71 ng	316914	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	60
2	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	45
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	38
4	3-Benzofurancarboxylic acid, 2-e...	204	C12H12O3	040800-94-0	35
5	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	30





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ClientSampleId : NYSEG-PH4-SB-ESMI-7

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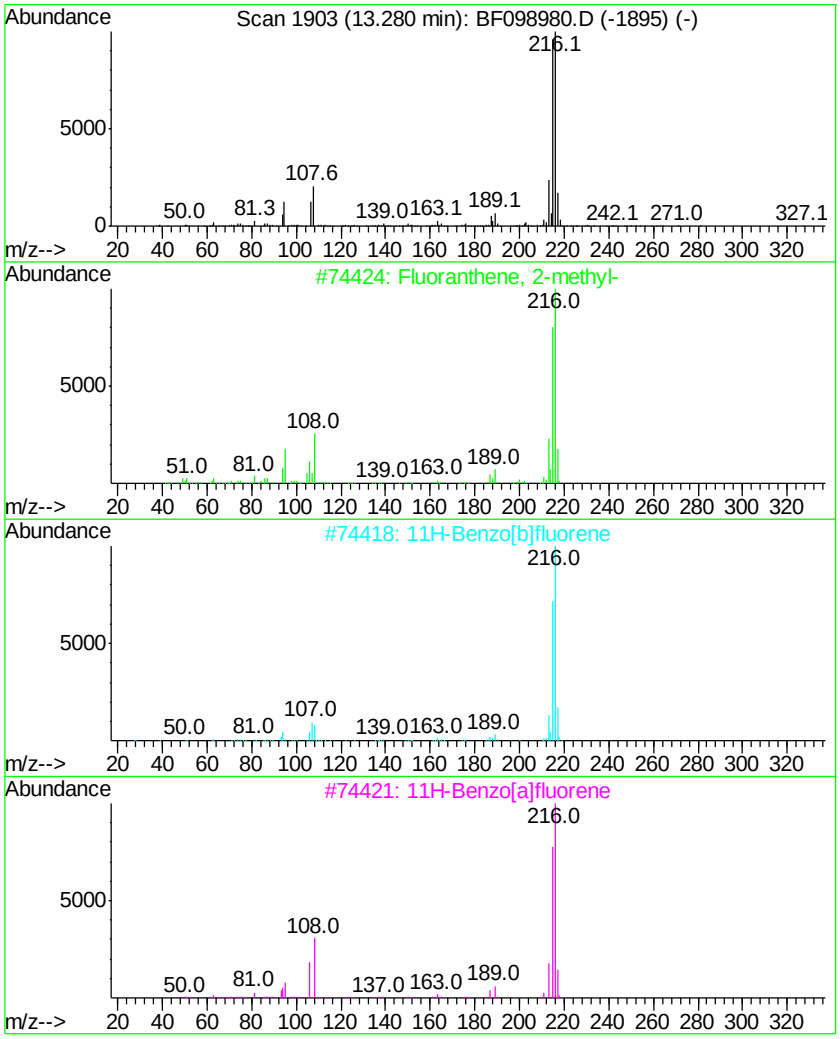
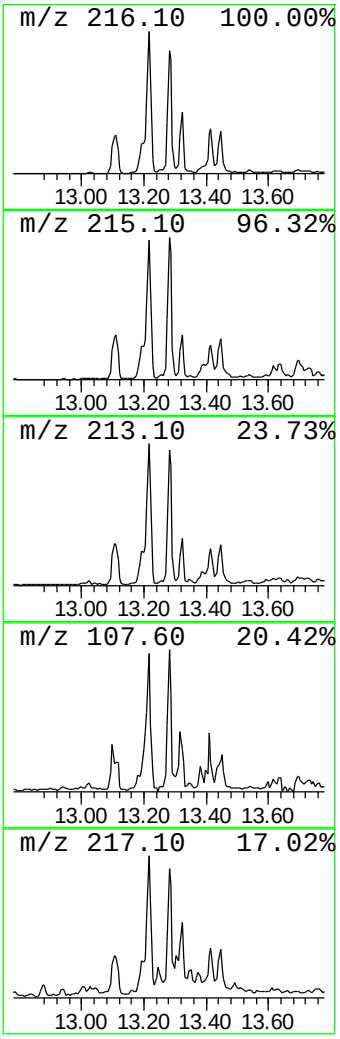
Peak Number 17 Fluoranthene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.28	6.11 ng	1026230	Chrysene-d12	14.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	68





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ClientSampleId : NYSEG-PH4-SB-ESMI-7

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TIC Library : C:\DATABASE\NIST11.L
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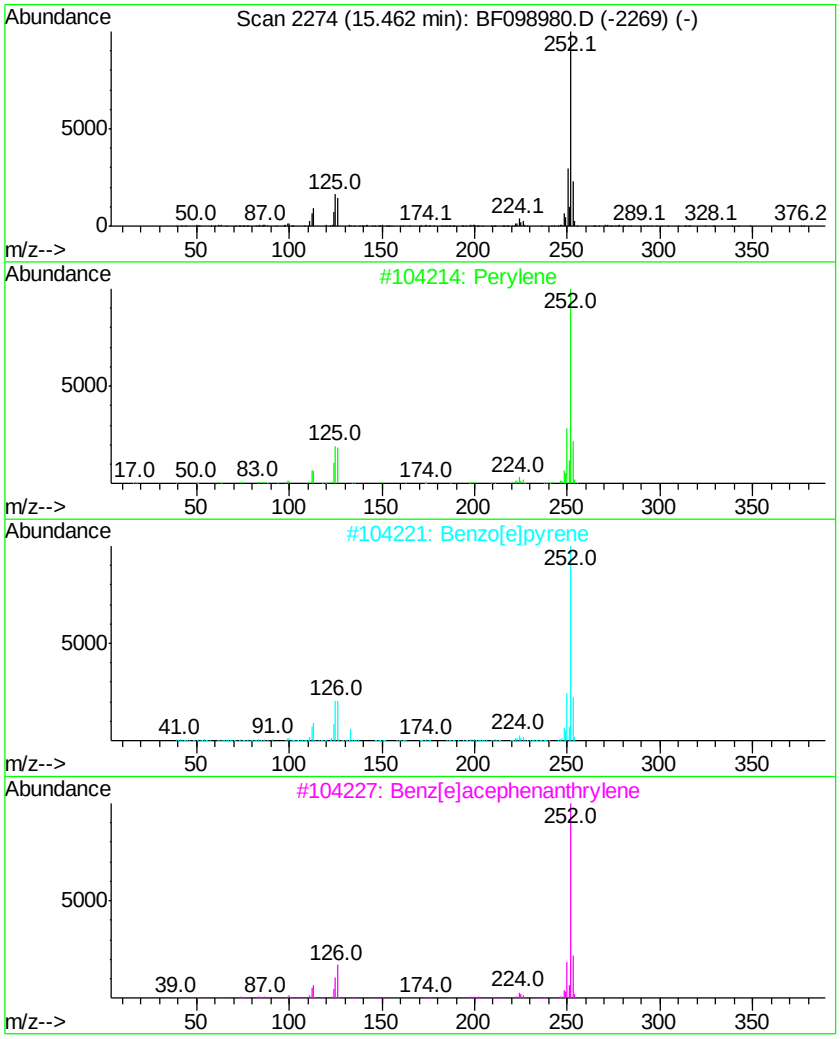
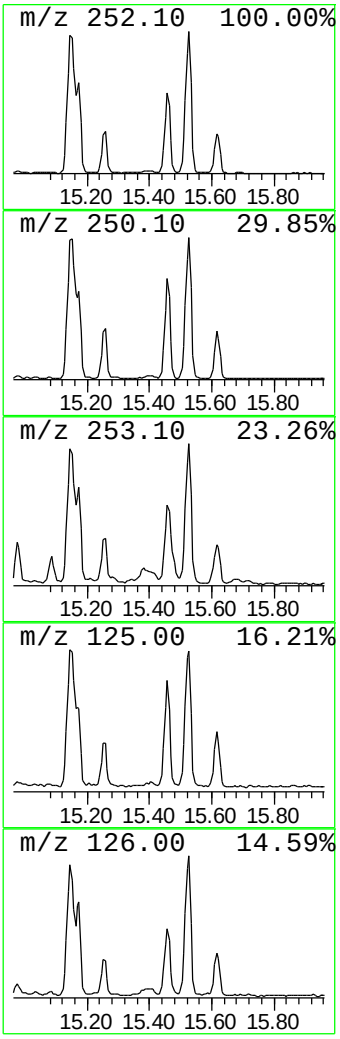
Peak Number 19 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	33.40 ng	869373	Perylene-d12	15.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	99
2	Benzo[e]pyrene	252	C20H12	000192-97-2	99
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
4	Benzo[a]pyrene	252	C20H12	000050-32-8	95
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





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TIC Integration Parameters: LSCINT.P

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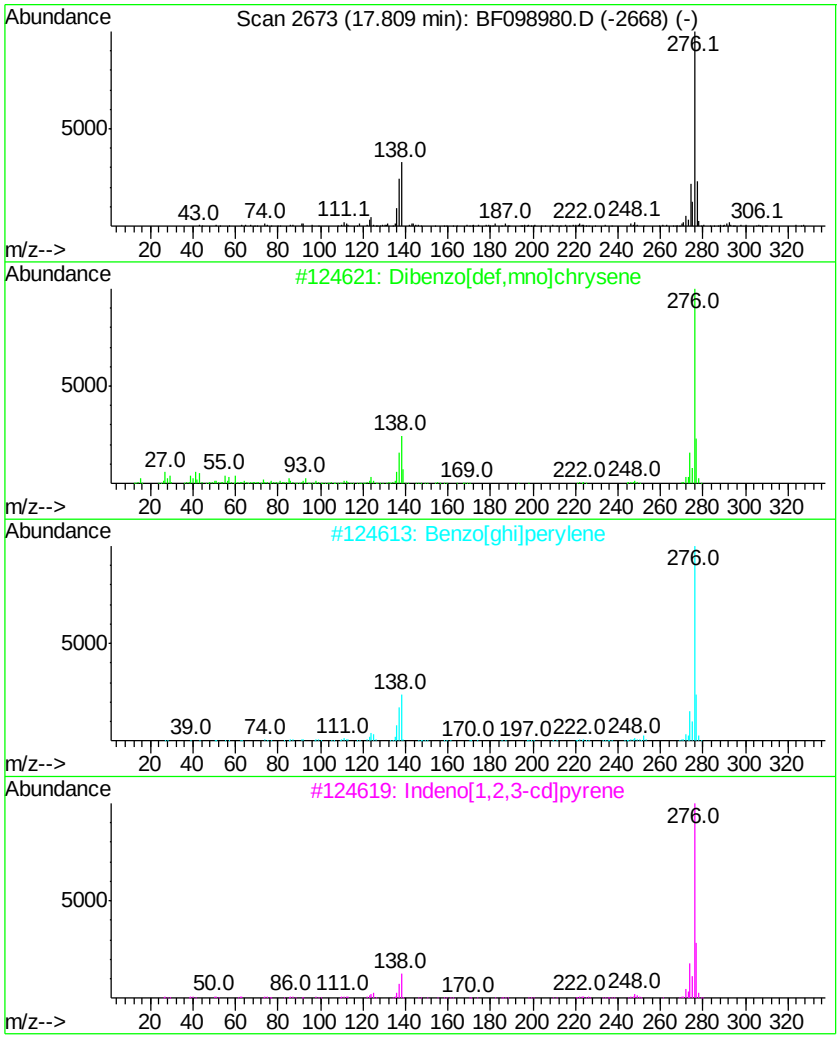
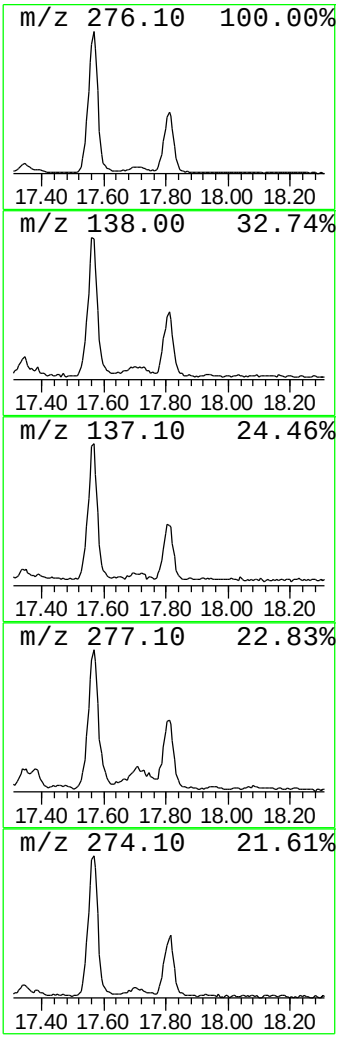
Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.81	10.05 ng	261709	Perylene-d12	15.59

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	93
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	91
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	72
5	Naphthalen-1-yl-(3-nitro-benzyli...	276	C17H12N2O2	200421-53-0	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093017\
Data File : BF098980.D
Acq On : 30 Sep 2017 23:21
Operator : SJ/JU
Sample : I5563-07 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-SB-ESMI-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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
unknown6.68	6.68	9.8	ng	356057	1	6.92	726928	20.0
Naphthalene, 2,6-...	9.54	8.3	ng	301883	3	9.96	729052	20.0
Naphthalene, 2,3-...	9.61	9.3	ng	337665	3	9.96	729052	20.0
Dibenzofuran, 4-m...	10.66	6.8	ng	247488	3	9.96	729052	20.0
9H-Fluorene, 1-me...	11.05	7.9	ng	326381	4	11.45	821884	20.0
Phenol, 3-(2-phen...	11.20	5.7	ng	232427	4	11.45	821884	20.0
Naphtho[1,2-b]thi...	11.34	12.0	ng	493240	4	11.45	821884	20.0
Phenanthrene, 1-m...	11.94	14.5	ng	595965	4	11.45	821884	20.0
Phenanthrene, 2-m...	11.97	18.3	ng	753277	4	11.45	821884	20.0
4H-Cyclopenta[def...	12.06	38.8	ng	1595740	4	11.45	821884	20.0
Naphthalene, 2-ph...	12.24	10.6	ng	435038	4	11.45	821884	20.0
Phenanthrene, 1,7...	12.49	12.5	ng	512119	4	11.45	821884	20.0
Acephenanthrylene...	12.53	7.7	ng	316914	4	11.45	821884	20.0
Fluoranthene, 2-m...	13.28	6.1	ng	1026230	5	14.09	3357690	20.0
Perylene	15.46	33.4	ng	869373	6	15.59	520590	20.0
Dibenzo[def,mno]c...	17.81	10.1	ng	261709	6	15.59	520590	20.0