LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
Data File : BF098973.D
Acq On : 30 Sep 2017 20:07
Operator : SJ/JU
Sample : I5563-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-SB-ESMI-1

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	5.134	515	518	526	rBV	218127	214748	6.60%	0.399%
2	5.534	582	586	589	rVB	1537292	1376695	42.29%	2.559%
3	6.540	751	757	760	rBV	1547186	1440919	44.26%	2.679%
4	6.681	777	781	785	rBV	1587736	1460117	44.85%	2.714%
5	6.740	788	791	795	rBV2	162955	148208	4.55%	0.276%
6	6.916	817	821	824	rBV	1098179	865237	26.58%	1.608%
7	7.069	843	847	851	rBV	1340137	1195828	36.73%	2.223%
8	7.475	912	916	919	rVB	1030025	830508	25.51%	1.544%
9	8.198	1035	1039	1041	rBV	1326299	1077108	33.09%	2.002%
10	8.222	1041	1043	1045	rVB	488885	377455	11.60%	0.702%
11	8.910	1157	1160	1164	rBV	335835	268191	8.24%	0.499%
12	9.010	1173	1177	1180	rBV	240349	195584	6.01%	0.364%
13	9.269	1216	1221	1224	rBV	1916270	1548708	47.58%	2.879%
14	9.369	1236	1238	1242	rVB	152529	124701	3.83%	0.232%
15	9.469	1252	1255	1260	rVB	121223	122428	3.76%	0.228%
16	9.539	1260	1267	1270	rBV	258733	358373	11.01%	0.666%
17	9.610	1275	1279	1282	rVV	348713	328135	10.08%	0.610%
18	9.663	1285	1288	1294	rVB2	265236	273223	8.39%	0.508%
19	9.728	1294	1299	1304	rBV	195855	206022	6.33%	0.383%
20	9.816	1311	1314	1319	rVB2	346872	298883	9.18%	0.556%
21	9.933	1331	1334	1335	rBV	110249	105824	3.25%	0.197%
22	9.957	1335	1338	1340	rVV	996896	918107	28.20%	1.707%
23	9.986	1340	1343	1346	rVB	1046375	814091	25.01%	1.513%
24	10.051	1351	1354	1359	rBV	78870	103397	3.18%	0.192%
25	10.157	1368	1372	1375	rVV2	576333	533444	16.39%	0.992%
26	10.192	1375	1378	1382	rVB	194434	148585	4.56%	0.276%
27	10.263	1386	1390	1393	rBV2	170331	201617	6.19%	0.375%
28	10.298	1393	1396	1401	rVB	177178	176578	5.42%	0.328%
29	10.357	1401	1406	1408	rBV2	141940	195545	6.01%	0.364%
30	10.404	1412	1414	1417	rBV	118520	107686	3.31%	0.200%
31	10.504	1427	1431	1435	rVB2	843083	860514	26.43%	1.600%
32	10.610	1447	1449	1452	rVV	124992	112794	3.46%	0.210%
33	10.657	1454	1457	1460	rVV	318044	279411	8.58%	0.519%
34	10.739	1465	1471	1475	rBV2	995915	1149597	35.31%	2.137%

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-SB-ESMI-1

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-BF092317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.863	1487	1492	1495	rVB4	146874	184722	5.67%	0.343%
36	11.045	1519	1523	1526	rBV2	283691	346973	10.66%	0.645%
37	11.075	1526	1528	1531	rVV	130357	110977	3.41%	0.206%
38	11.133	1535	1538	1541	rVV	151081	142375	4.37%	0.265%
39	11.175	1541	1545	1547	rVV3	206299	229475	7.05%	0.427%
40	11.198	1547	1549	1553	rVV2	195568	226334	6.95%	0.421%
41	11.251	1555	1558	1560	rVV2	186533	189589	5.82%	0.352%
42	11.286	1560	1564	1568	rVV2	216959	255872	7.86%	0.476%
43	11.339	1568	1573	1578	rVB	337377	377521	11.60%	0.702%
44	11.445	1587	1591	1593	rBV	849899	955582	29.35%	1.776%
45	11.475	1593	1596	1599	rVV	2866173	2774142	85.22%	5.157%
46	11.522	1600	1604	1607	rVV	2514222	2101952	64.57%	3.908%
47	11.551	1607	1609	1612	rVB	124292	104174	3.20%	0.194%
48	11.598	1614	1617	1623	rVB2	95127	109126	3.35%	0.203%
49	11.669	1627	1629	1631	rBV	214490	183788	5.65%	0.342%
50	11.733	1638	1640	1644	rVB2	114210	98518	3.03%	0.183%
51	11.851	1657	1660	1665	rVB3	74872	97044	2.98%	0.180%
52	11.945	1672	1676	1678	rBV	522354	459165	14.11%	0.854%
53	11.975	1678	1681	1684	rVB	759447	655250	20.13%	1.218%
54	12.022	1685	1689	1692	rBV	655798	598754	18.39%	1.113%
55	12.057	1692	1695	1698	rVV	934720	1117545	34.33%	2.078%
56	12.080	1698	1699	1703	rVV	410567	209005	6.42%	0.389%
57	12.239	1722	1726	1729	rVB	373698	329415	10.12%	0.612%
58	12.386	1748	1751	1754	rBV	129464	103225	3.17%	0.192%
59	12.492	1763	1769	1772	rBV	338065	511265	15.71%	0.950%
60	12.533	1772	1776	1778	rVV	255753	326979	10.04%	0.608%
61	12.580	1781	1784	1789	rVB2	125263	202218	6.21%	0.376%
62	12.663	1793	1798	1801	rBV	3085548	3076451	94.51%	5.719%
63	12.751	1810	1813	1816	rBV	571345	480151	14.75%	0.893%
64	12.810	1820	1823	1830	rVB3	146606	239932	7.37%	0.446%
65	12.892	1830	1837	1842	rBV2	2577333	3255297	100.00%	6.052%
66	12.933	1842	1844	1849	rVB2	216905	257874	7.92%	0.479%
67	13.004	1852	1856	1857	rBV	301501	288865	8.87%	0.537%
68	13.021	1857	1859	1862	rVB	1145361	914298	28.09%	1.700%
69	13.104	1868	1873	1877	rBV3	253249	458036	14.07%	0.851%
70	13.192	1884	1888	1889	rVV2	212433	264944	8.14%	0.493%
71	13.216	1889	1892	1895	rVB	824047	732172	22.49%	1.361%

LSC Area Percent Report

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Sample : I5563-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-SB-ESMI-1

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-BF092317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.251	1895	1898	1900	rBV3	116764	148115	4.55%	0.275%
73	13.280	1900	1903	1905	rVV	859415	788719	24.23%	1.466%
74	13.298	1905	1906	1908	rVV	473470	430573	13.23%	0.800%
75	13.380	1916	1920	1923	rVV2	121472	197071	6.05%	0.366%
76	13.410	1923	1925	1928	rVV	188104	202964	6.23%	0.377%
77	13.445	1928	1931	1938	rVB2	232466	341341	10.49%	0.635%
78	13.692	1970	1973	1976	rBV	148689	192338	5.91%	0.358%
79	13.833	1995	1997	1999	rBV	129354	114565	3.52%	0.213%
80	13.863	1999	2002	2004	rVB	258920	196565	6.04%	0.365%
81	13.886	2004	2006	2007	rBV	139215	117526	3.61%	0.218%
82	14.051	2031	2034	2035	rBV	182002	149151	4.58%	0.277%
83	14.080	2035	2039	2042	rVV3	1871318	2495339	76.65%	4.639%
84	14.116	2042	2045	2051	rVB	1306854	1266455	38.90%	2.354%
85	14.192	2056	2058	2062	rVV	219054	196490	6.04%	0.365%
86	14.227	2062	2064	2068	rVB	217132	185273	5.69%	0.344%
87	14.274	2069	2072	2074	rVB	226345	180487	5.54%	0.336%
88	14.310	2074	2078	2082	rBV4	120315	180072	5.53%	0.335%
89	14.468	2102	2105	2108	rVV	338608	352265	10.82%	0.655%
90	14.504	2109	2111	2114	rVB	151870	124210	3.82%	0.231%
91	14.568	2120	2122	2124	rVB	146964	108358	3.33%	0.201%
92	14.598	2124	2127	2128	rVV	127971	117625	3.61%	0.219%
93	14.616	2128	2130	2135	rVB2	208408	201825	6.20%	0.375%
94	15.145	2215	2220	2223	rBV	694756	1198528	36.82%	2.228%
95	15.251	2235	2238	2242	rVB	222853	225045	6.91%	0.418%
96	15.457	2269	2273	2279	rVB	358991	507613	15.59%	0.944%
97	15.521	2279	2284	2289	rBV	714721	880471	27.05%	1.637%
98	15.586	2290	2295	2298	rBV	440107	615934	18.92%	1.145%
99	17.092	2546	2551	2558	rVB2	207195	413578	12.70%	0.769%
100	17.556	2625	2630	2642	rVB	138233	276651	8.50%	0.514%

Sum of corrected areas: 53792413

LSC Report - Integrated Chromatogram

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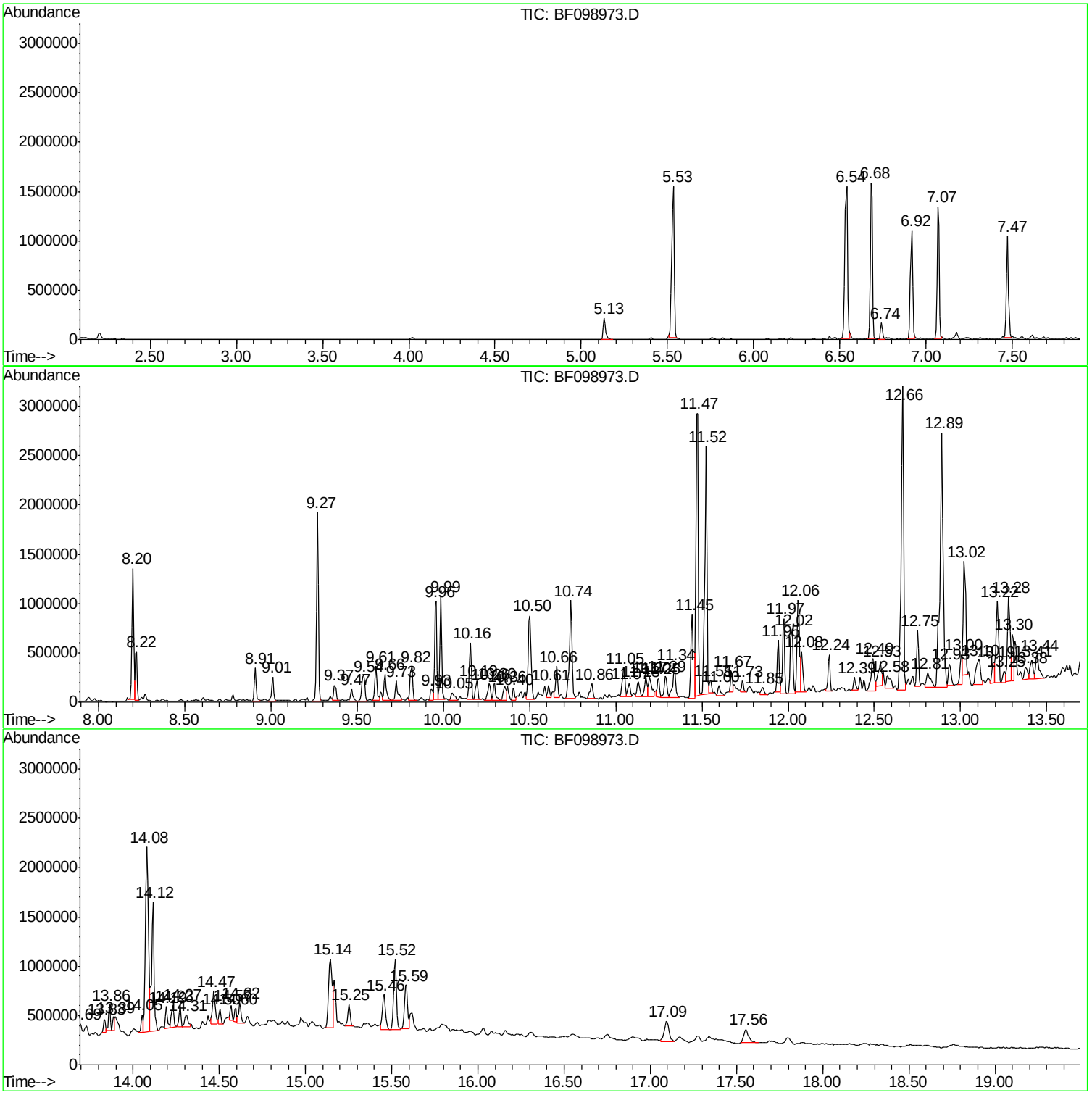
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-SB-ESMI-1

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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Misc :
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Instrument : BNA_F
ClientSampleId : NYSEG-PH4-SB-ESMI-1

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

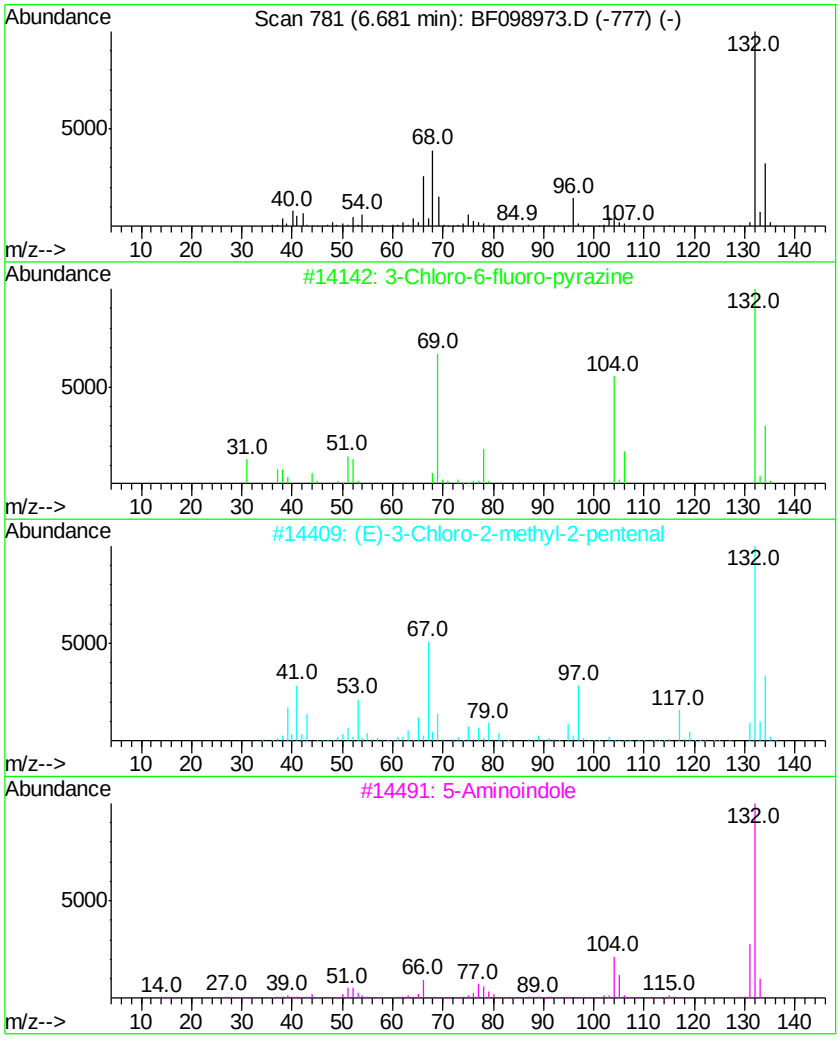
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

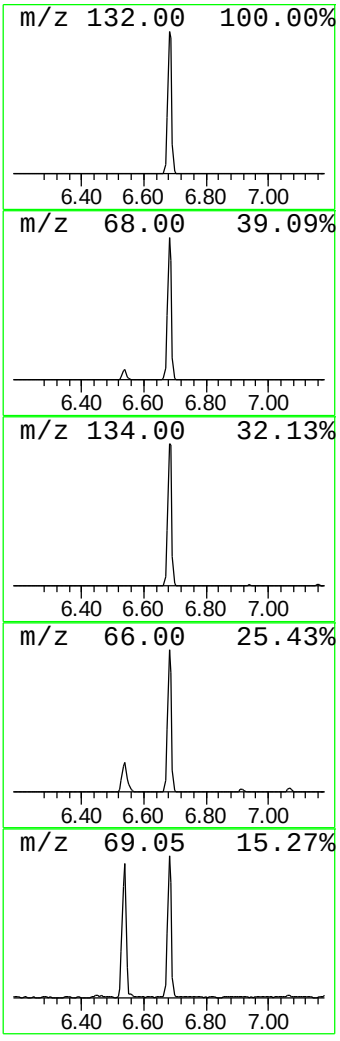
****

Peak Number 1 unknown6.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	33.75 ng	1460120	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
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TIC Library : C:\DATABASE\NIST11.L
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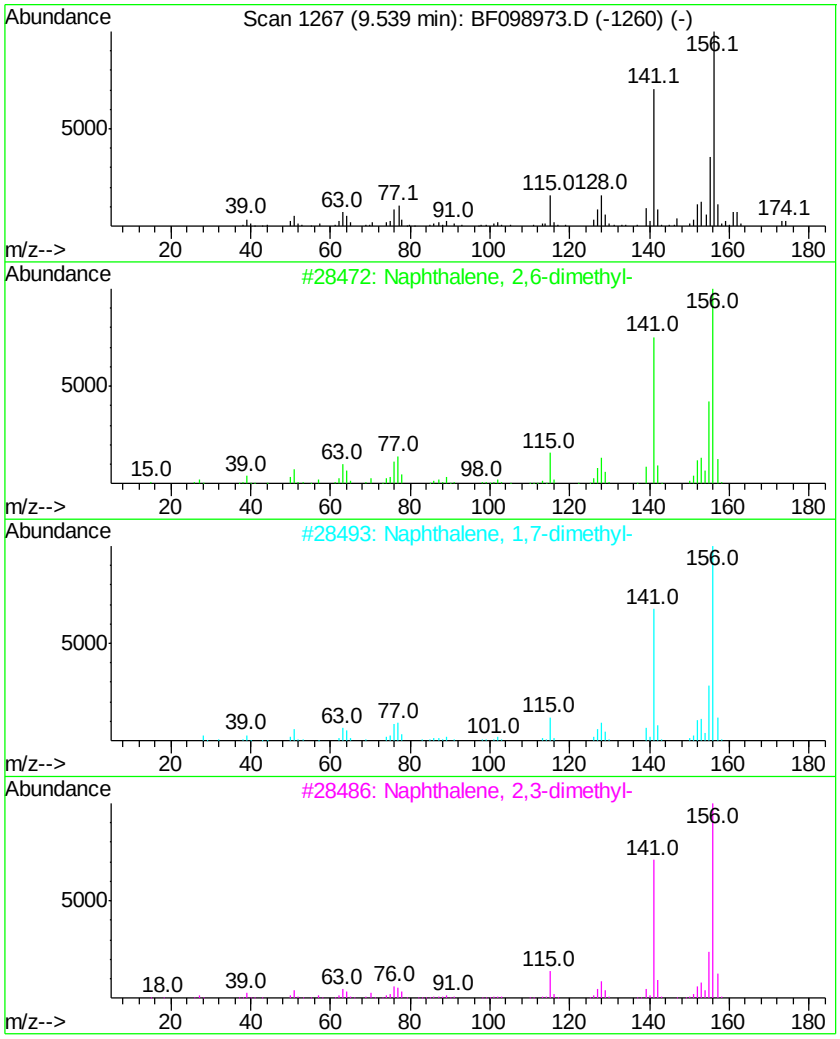
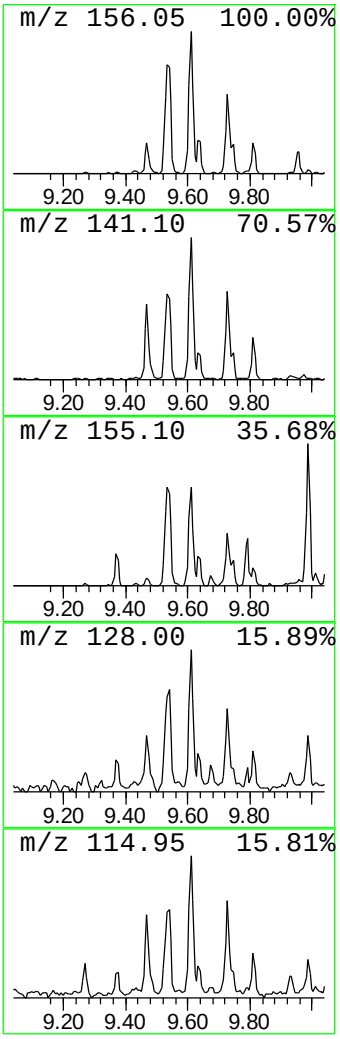
****

Peak Number 3 Naphthalene, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	7.81 ng	358373	Acenaphthene-d10	9.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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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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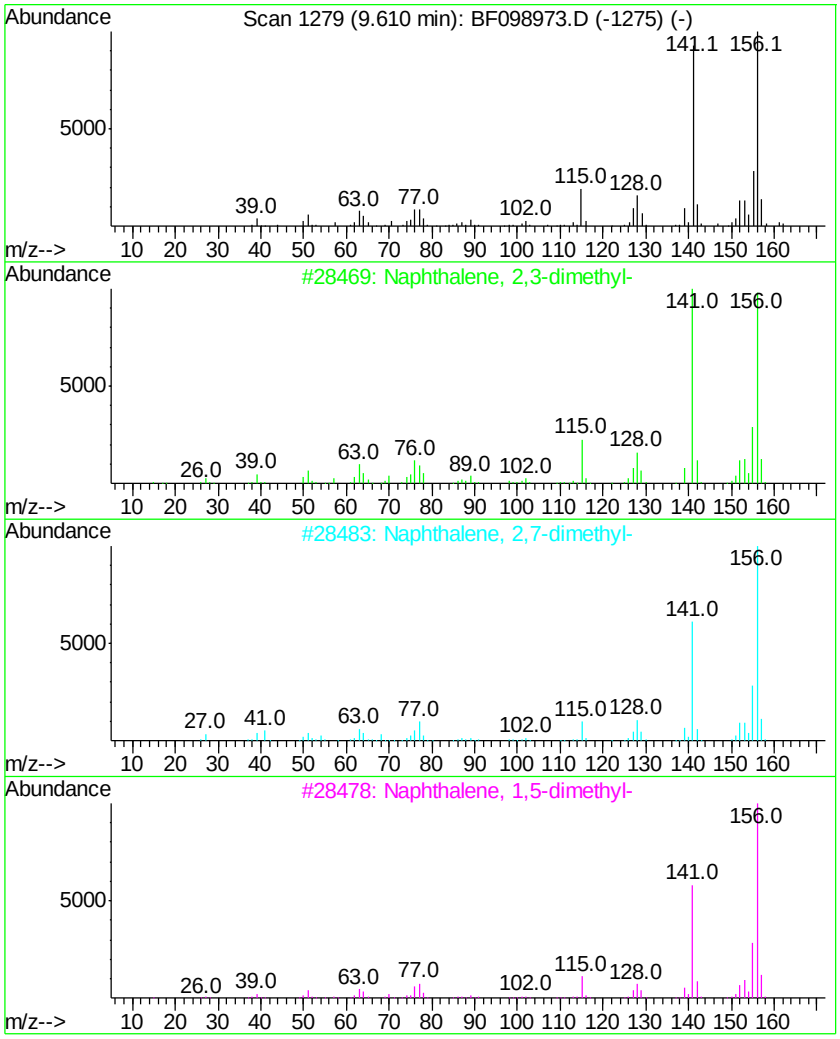
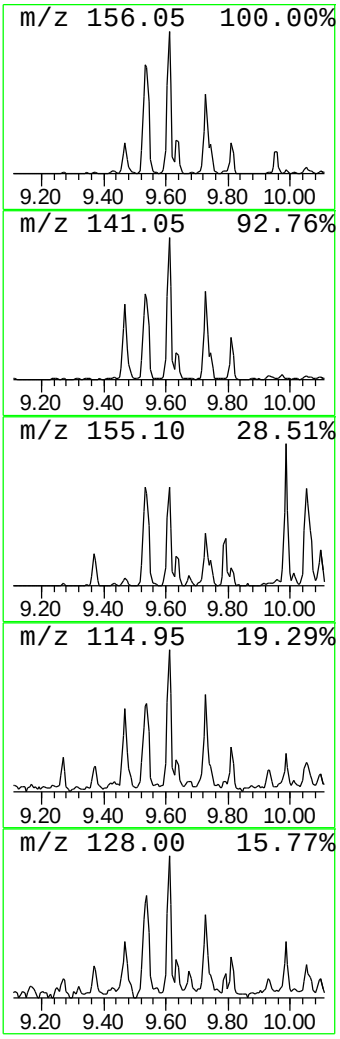
Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.61	7.15 ng	328135	Acenaphthene-d10	9.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





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Instrument : BNA_F
ClientSampleId : NYSEG-PH4-SB-ESMI-1

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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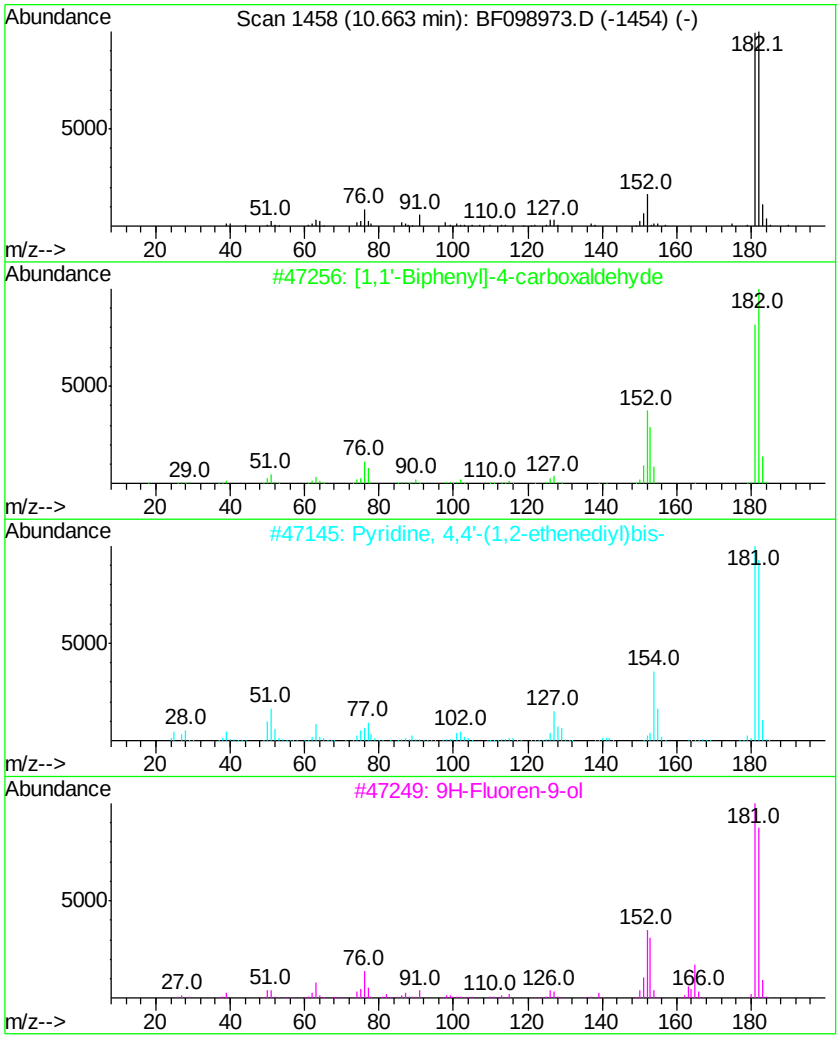
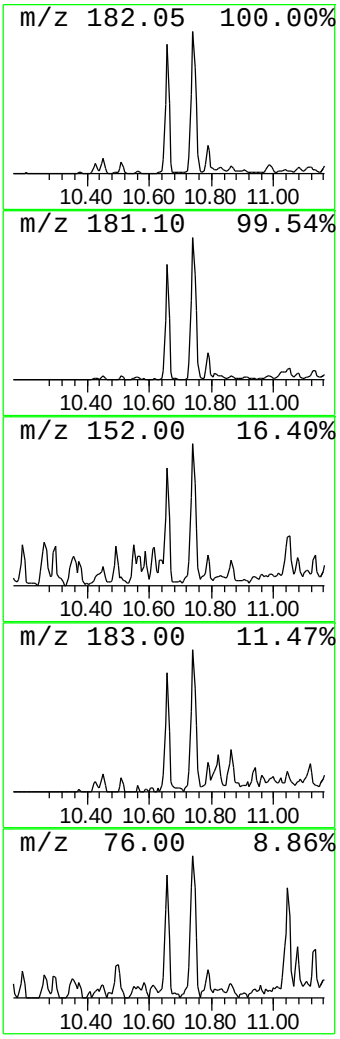
Peak Number 5 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	6.09 ng	279411	Acenaphthene-d10	9.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	90
2	Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	78
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	76
5	9H-Xanthene	182	C13H10O	000092-83-1	72





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Sample : I5563-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-SB-ESMI-1

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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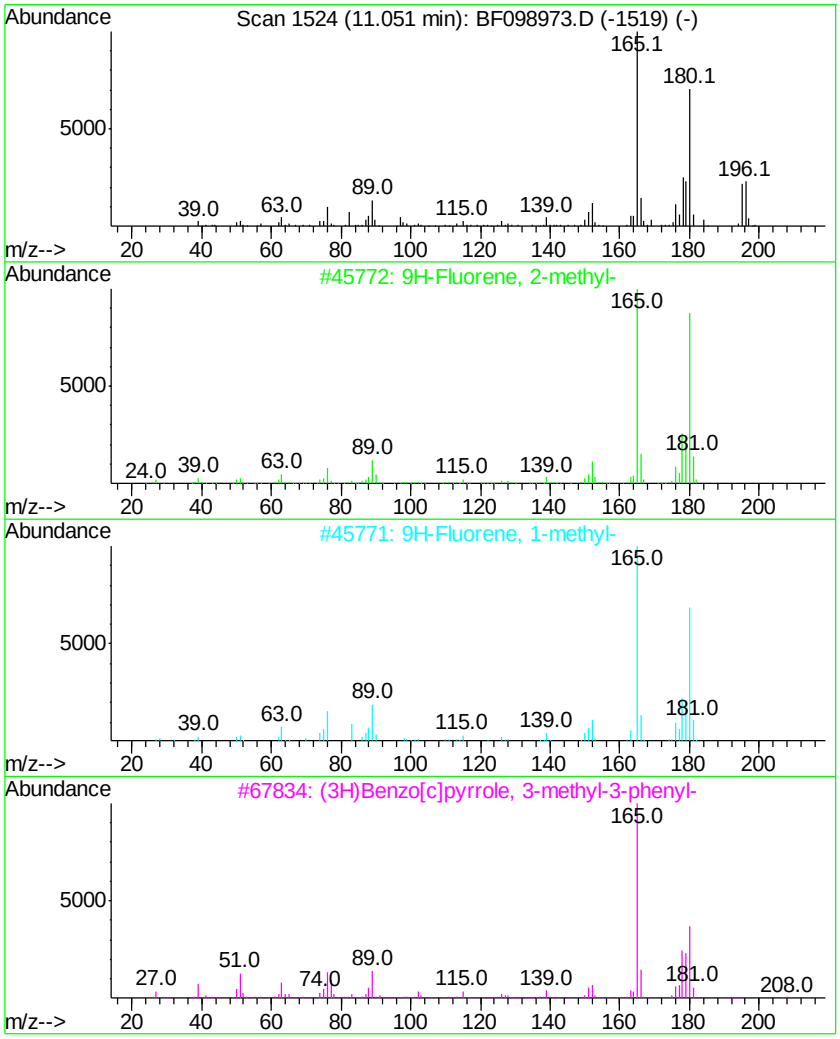
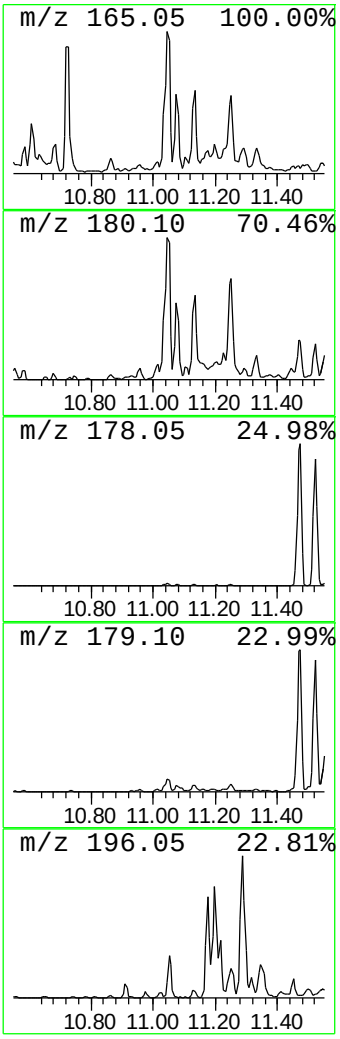
Peak Number 6 9H-Fluorene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	7.26 ng	346973	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	90
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90
3	(3H)Benzo[c]pyrrole, 3-methyl-3-...	208	C14H12N2	059341-20-7	80
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	76
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
Data File : BF098973.D
Acq On : 30 Sep 2017 20:07
Operator : SJ/JU
Sample : I5563-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-SB-ESMI-1

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

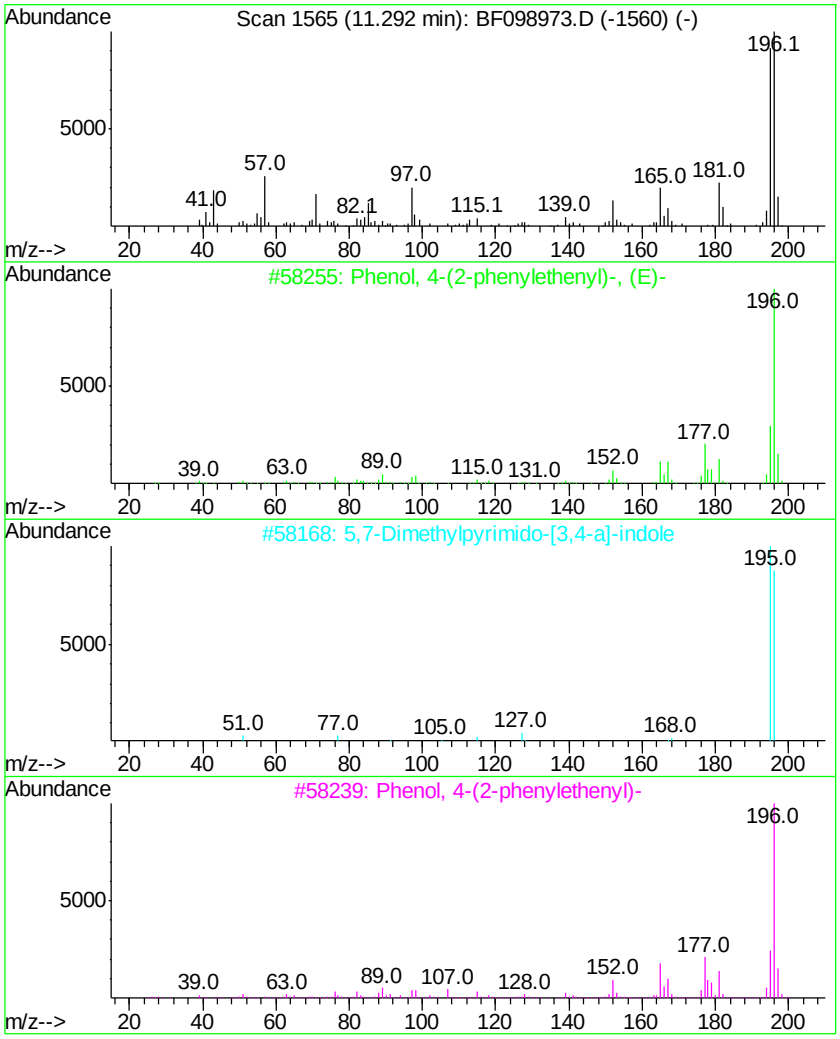
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

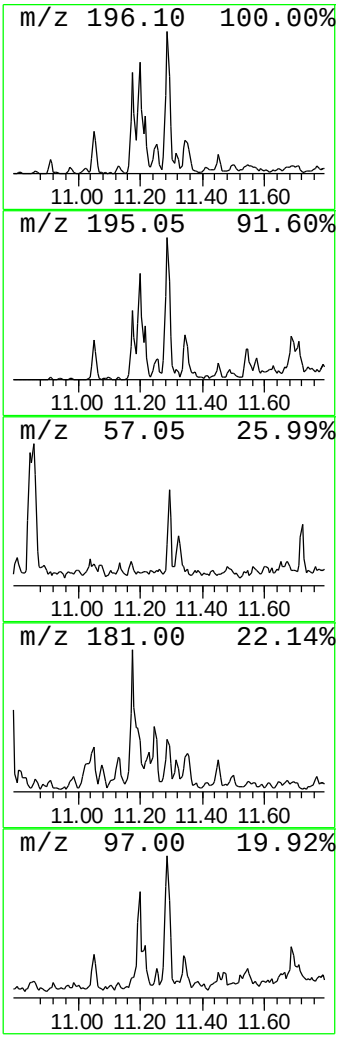
****

Peak Number 7 Phenol, 4-(2-phenylethenyl)... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	5.36 ng	255872	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	58
2	5,7-Dimethylpyrimido-[3,4-a]-indole	196	C13H12N2	038349-21-2	50
3	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	47
4	Benzenamine, 4-[(E)-2-(4-pyridin...	196	C13H12N2	1000351-61-4	43
5	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	43





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Data File : BF098973.D
Acq On : 30 Sep 2017 20:07
Operator : SJ/JU
Sample : I5563-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-SB-ESMI-1

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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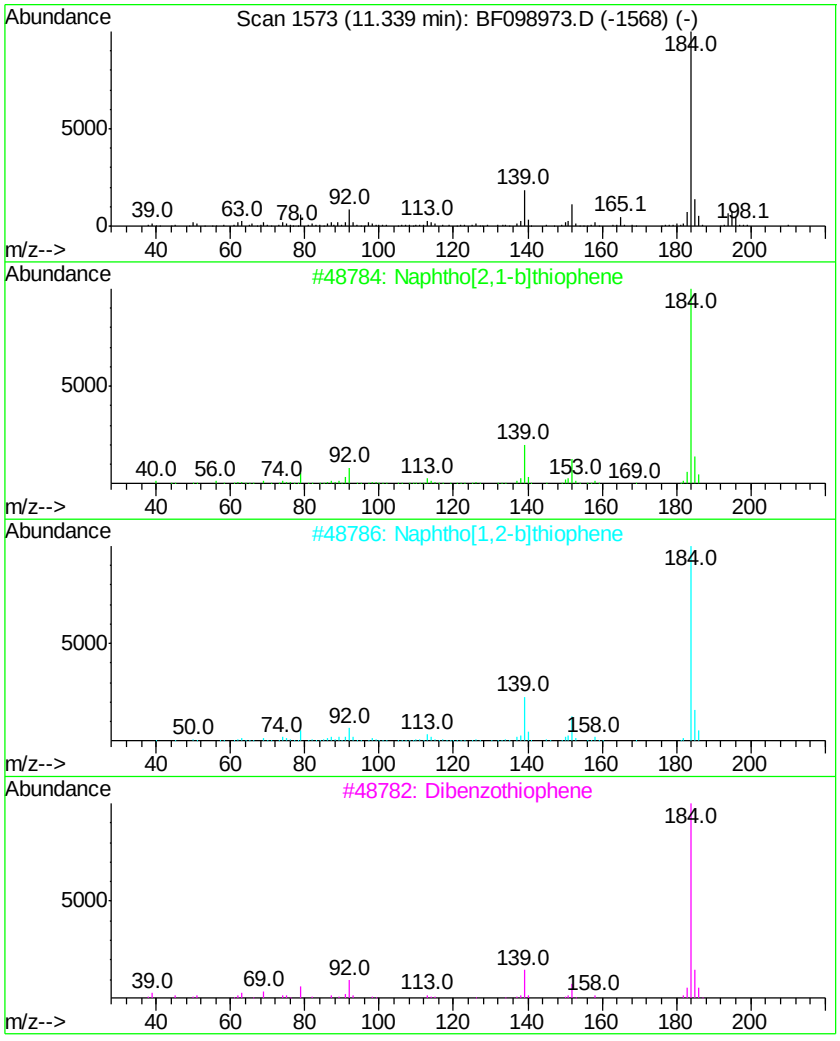
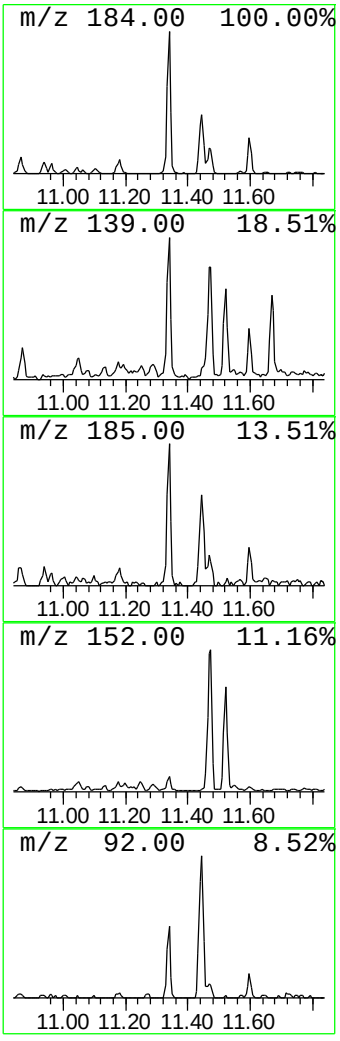
Peak Number 8 Naphtho[2,1-b]thiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	7.90 ng	377521	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	97
3	Dibenzothiophene	184	C12H8S	000132-65-0	96
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	87
5	Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	64





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Data File : BF098973.D
Acq On : 30 Sep 2017 20:07
Operator : SJ/JU
Sample : I5563-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-SB-ESMI-1

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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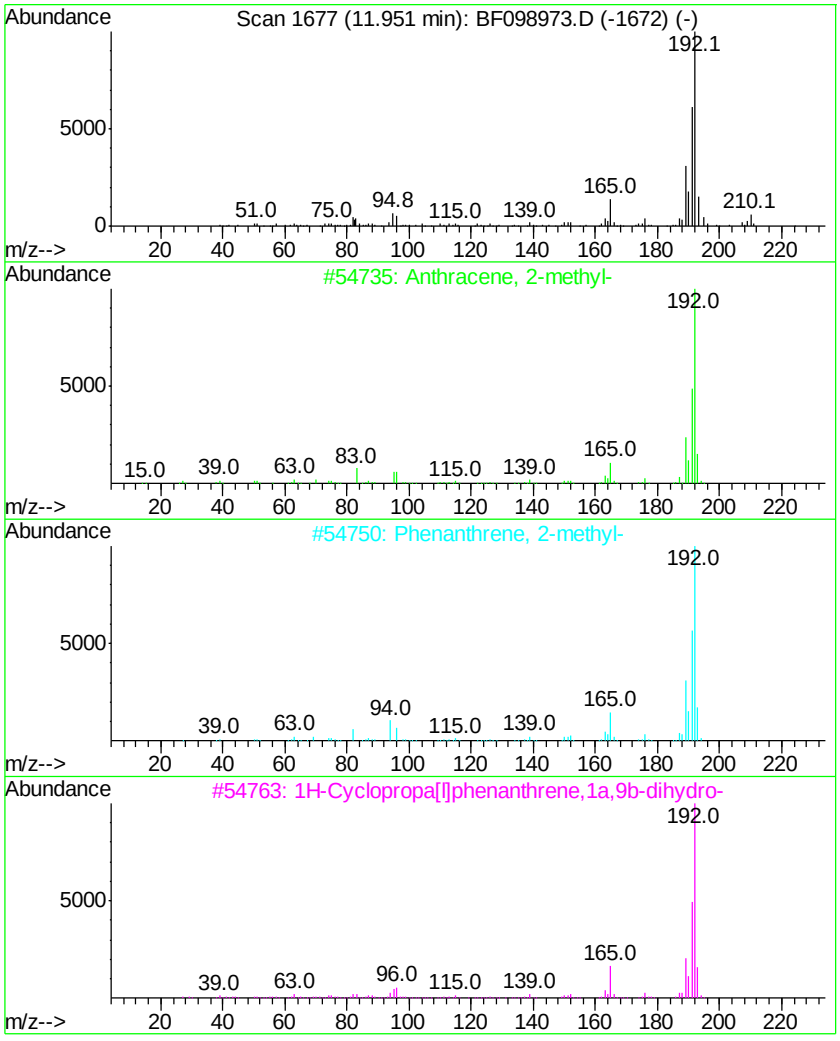
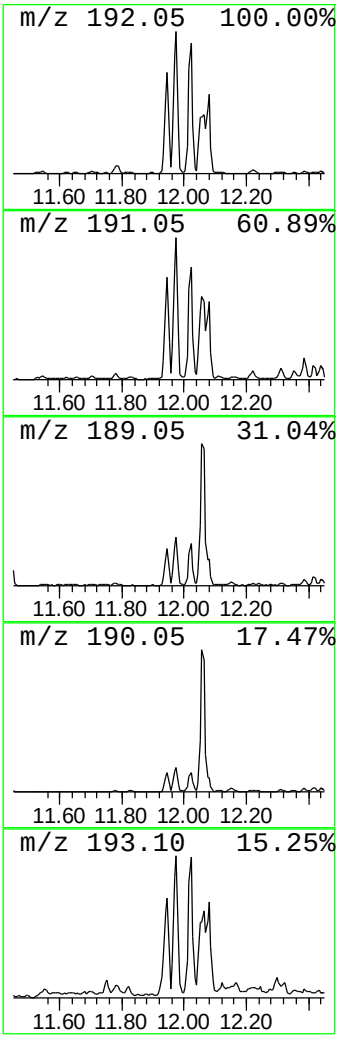
Peak Number 9 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	9.61 ng	459165	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87





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Data File : BF098973.D
Acq On : 30 Sep 2017 20:07
Operator : SJ/JU
Sample : I5563-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-SB-ESMI-1

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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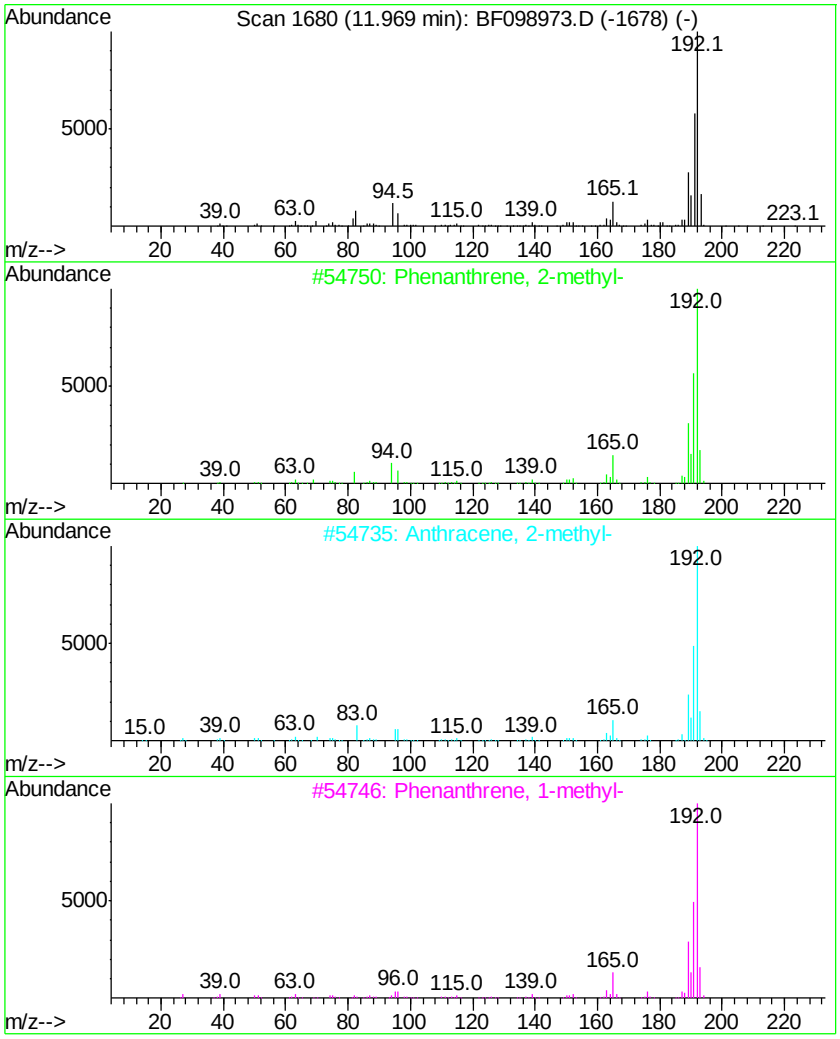
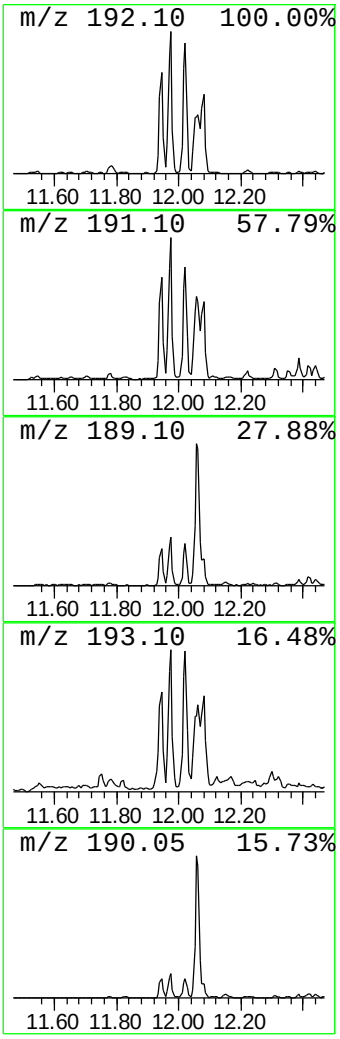
Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	13.71 ng	655250	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	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





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Data File : BF098973.D
Acq On : 30 Sep 2017 20:07
Operator : SJ/JU
Sample : I5563-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-SB-ESMI-1

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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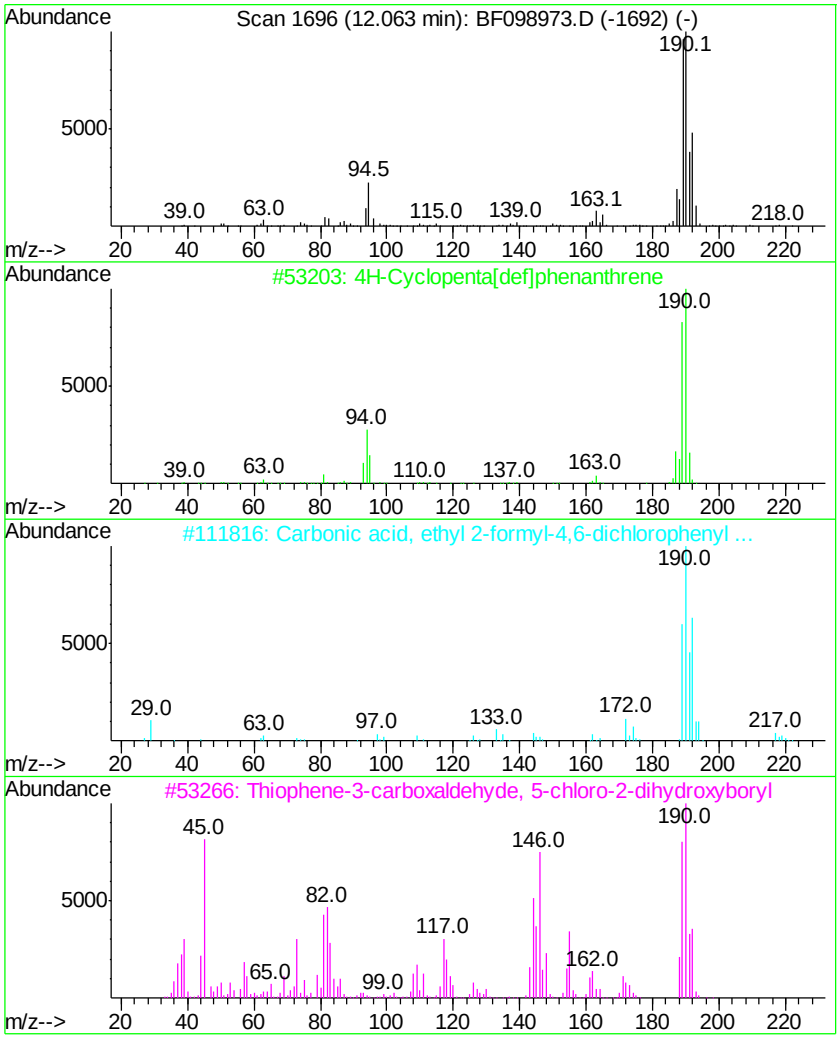
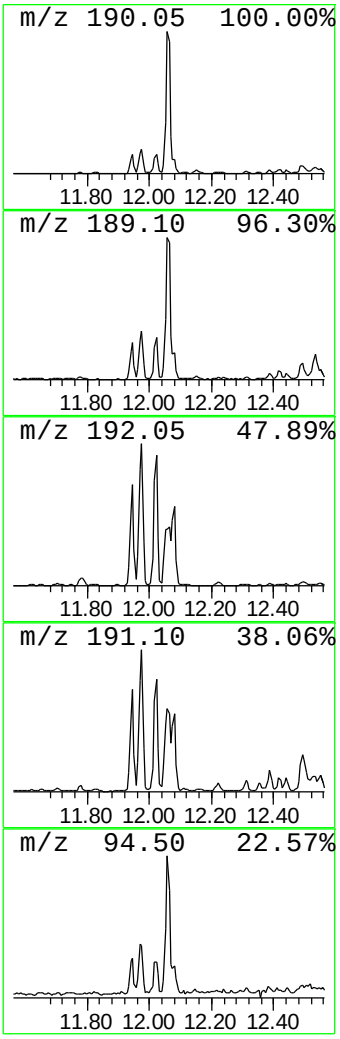
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	23.39 ng	1117550	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	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	32
5	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	30





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Data File : BF098973.D
Acq On : 30 Sep 2017 20:07
Operator : SJ/JU
Sample : I5563-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-SB-ESMI-1

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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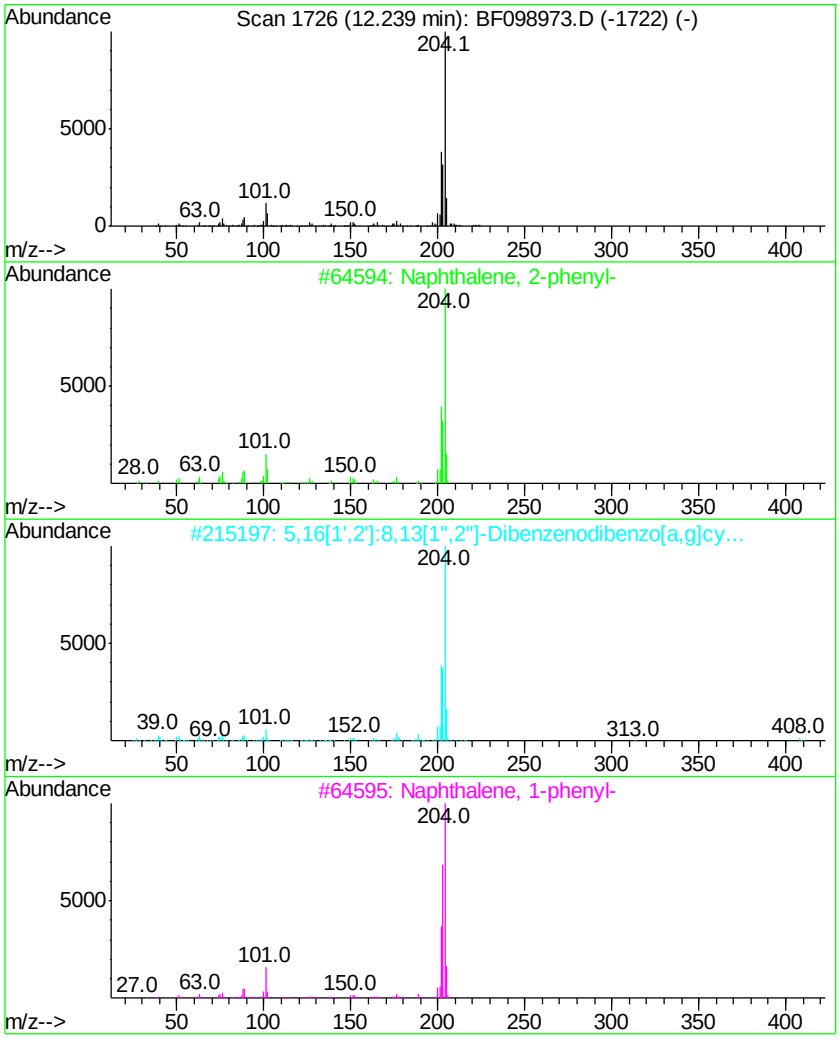
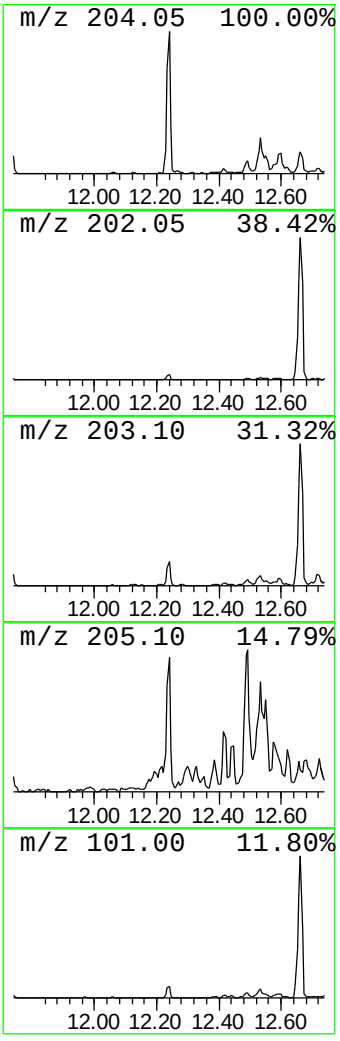
Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	6.89 ng	329415	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
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	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47





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Acq On : 30 Sep 2017 20:07
Operator : SJ/JU
Sample : I5563-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-SB-ESMI-1

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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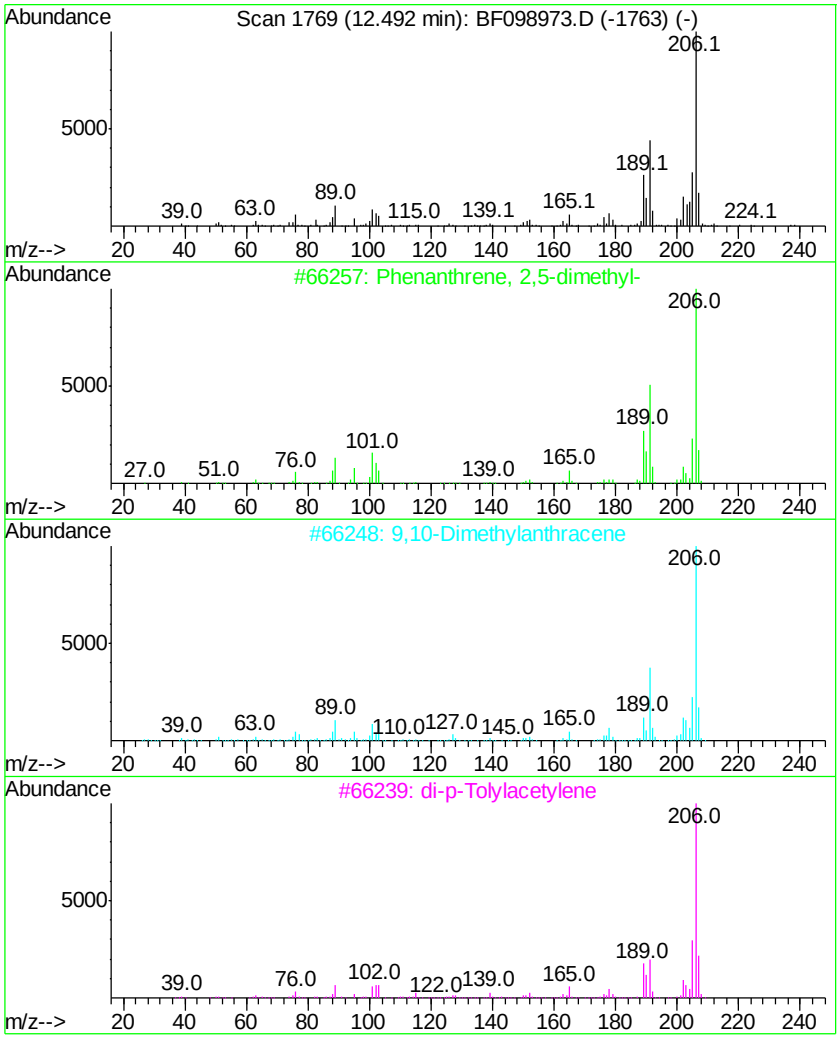
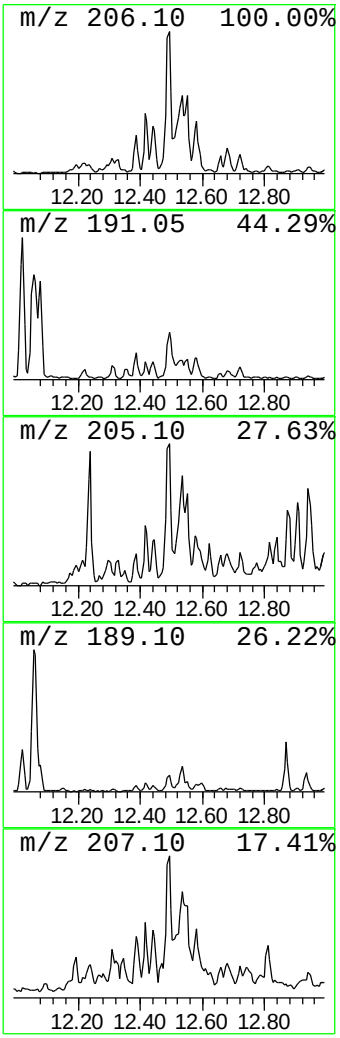
Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	10.70 ng	511265	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	92
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	90





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Data File : BF098973.D
Acq On : 30 Sep 2017 20:07
Operator : SJ/JU
Sample : I5563-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-SB-ESMI-1

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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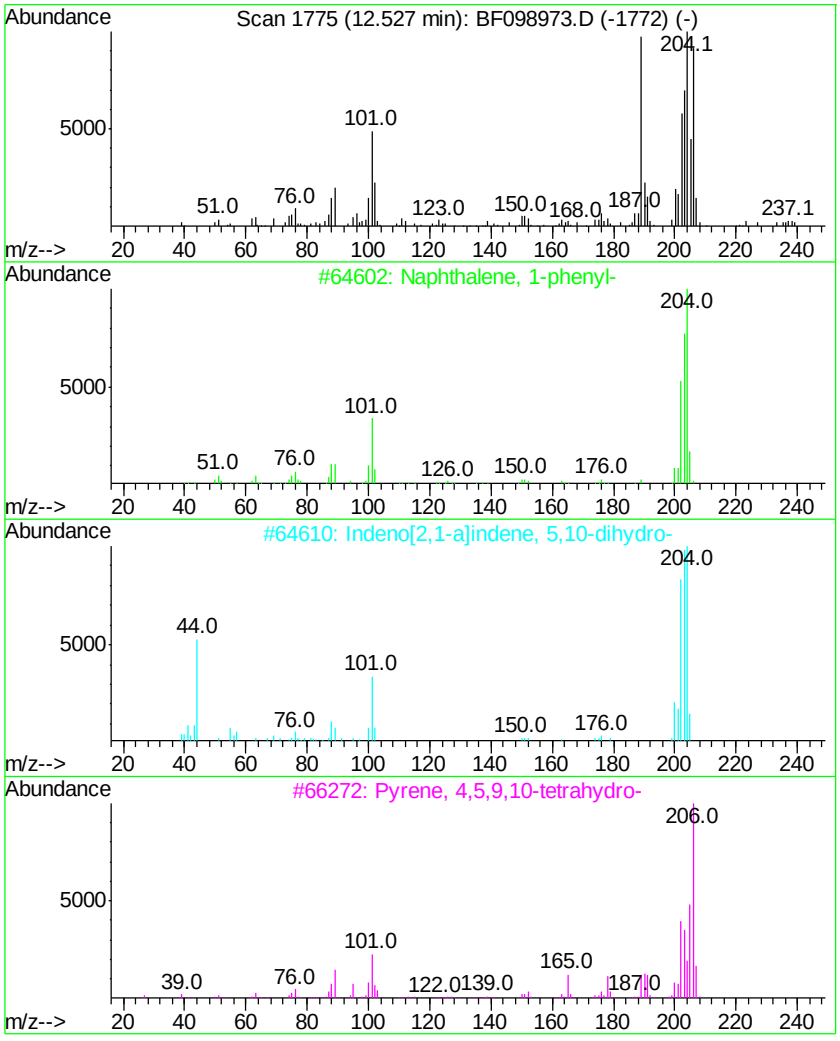
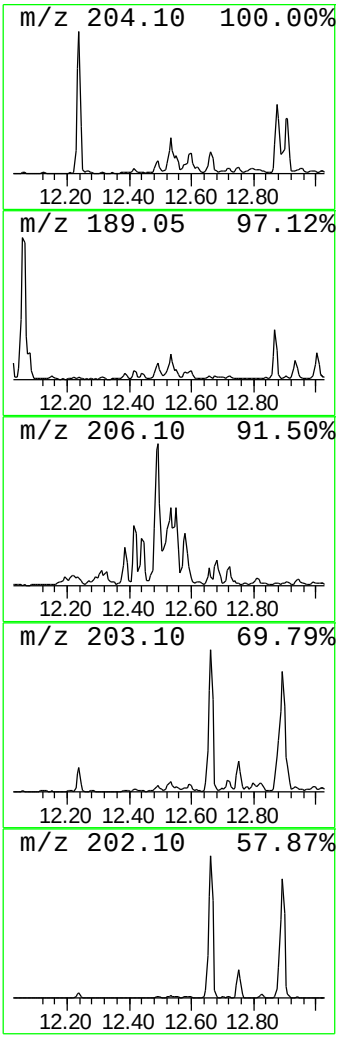
Peak Number 15 unknown12.53 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	6.84 ng	326979	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	47
2	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	44
3	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	42
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	42
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	38





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Acq On : 30 Sep 2017 20:07
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Sample : I5563-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-SB-ESMI-1

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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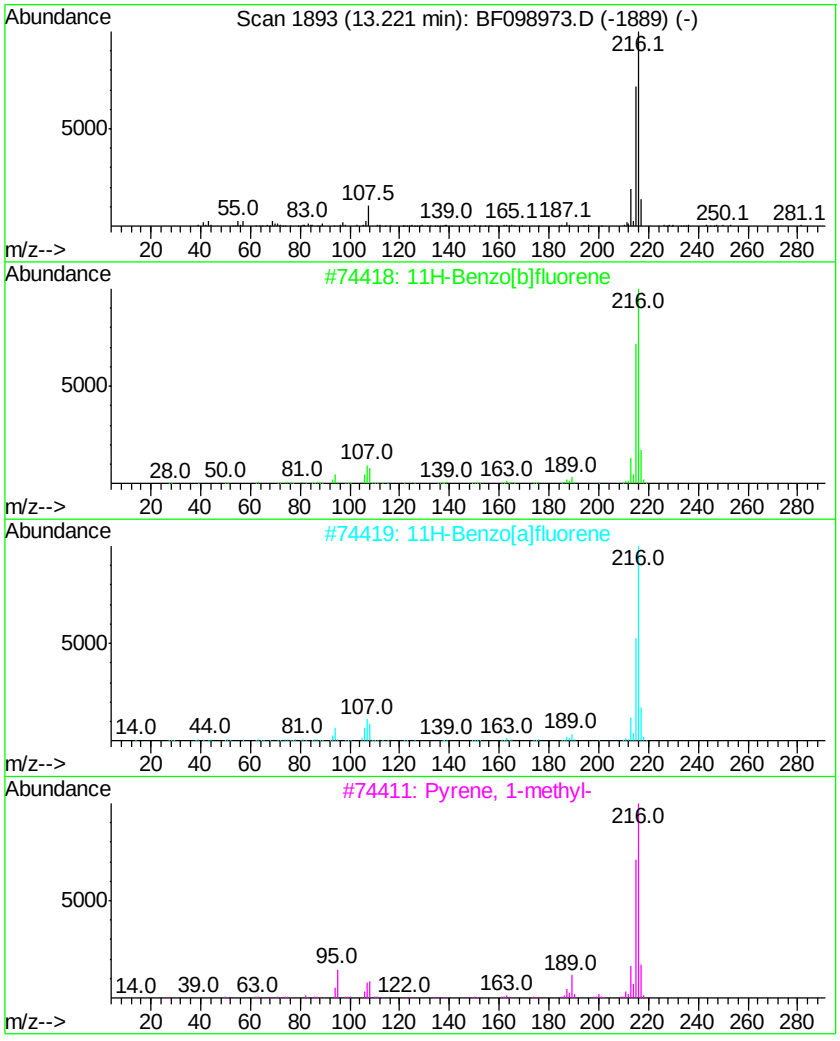
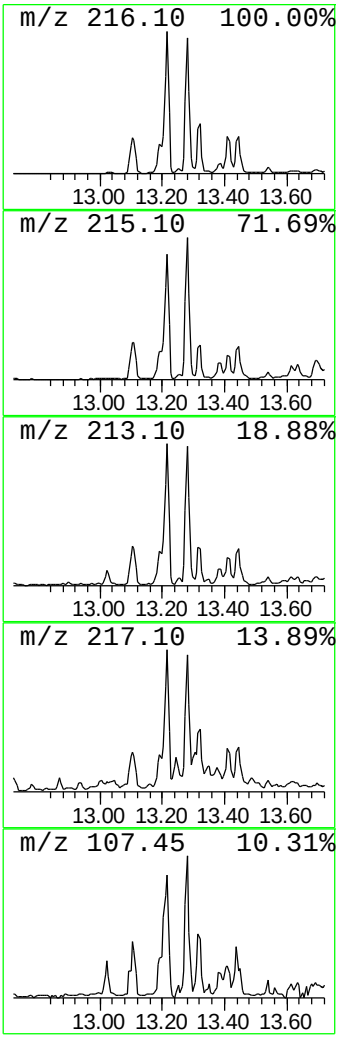
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	5.87 ng	732172	Chrysene-d12	14.09

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	87
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	78
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093017\
Data File : BF098973.D
Acq On : 30 Sep 2017 20:07
Operator : SJ/JU
Sample : I5563-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-SB-ESMI-1

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	33.8	ng	1460120	1	6.92	865237	20.0
Naphthalene, 2,6-...	9.54	7.8	ng	358373	3	9.95	918107	20.0
Naphthalene, 2,3-...	9.61	7.2	ng	328135	3	9.95	918107	20.0
[1,1'-Biphenyl]-4...	10.66	6.1	ng	279411	3	9.95	918107	20.0
9H-Fluorene, 2-me...	11.05	7.3	ng	346973	4	11.45	955582	20.0
Phenol, 4-(2-phen...	11.29	5.4	ng	255872	4	11.45	955582	20.0
Naphtho[2,1-b]thi...	11.34	7.9	ng	377521	4	11.45	955582	20.0
Anthracene, 2-met...	11.95	9.6	ng	459165	4	11.45	955582	20.0
Phenanthrene, 2-m...	11.97	13.7	ng	655250	4	11.45	955582	20.0
4H-Cyclopenta[def...	12.06	23.4	ng	1117550	4	11.45	955582	20.0
Naphthalene, 2-ph...	12.24	6.9	ng	329415	4	11.45	955582	20.0
Phenanthrene, 2,5...	12.49	10.7	ng	511265	4	11.45	955582	20.0
unknown12.53	12.53	6.8	ng	326979	4	11.45	955582	20.0
11H-Benzo[b]fluorene	13.22	5.9	ng	732172	5	14.09	2495340	20.0