LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090917\
Data File : BF098395.D
Acq On : 9 Sep 2017 19:35
Operator : SJ/JU
Sample : I5151-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI2-1

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-BF081517.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	4.840	465	468	476	rBV	49474	53461	2.98%	0.195%
2	5.281	539	543	558	rBV	502600	515090	28.67%	1.882%
3	6.322	717	720	731	rBV	584256	554447	30.86%	2.025%
4	6.445	737	741	745	rBV	673998	546014	30.39%	1.995%
5	6.498	747	750	757	rVB3	40997	49604	2.76%	0.181%
6	6.675	776	780	784	rBV	709846	589528	32.81%	2.153%
7	6.828	802	806	810	rBV	517110	425209	23.67%	1.553%
8	7.240	873	876	880	rBV	355099	299450	16.67%	1.094%
9	7.710	951	956	958	rBV3	40388	47022	2.62%	0.172%
10	7.957	992	998	1000	rBV	893706	852241	47.44%	3.113%
11	7.981	1000	1002	1005	rVV	745979	577141	32.12%	2.108%
12	8.669	1115	1119	1122	rBV	851815	688055	38.30%	2.513%
13	8.763	1131	1135	1139	rVB	415184	381176	21.22%	1.392%
14	9.028	1176	1180	1184	rBV	768486	606793	33.77%	2.217%
15	9.128	1191	1197	1203	rVB	187201	171510	9.55%	0.627%
16	9.222	1211	1213	1219	rVB	123141	131248	7.31%	0.479%
17	9.292	1219	1225	1230	rBV	216088	307092	17.09%	1.122%
18	9.369	1233	1238	1240	rBV	302011	319197	17.77%	1.166%
19	9.392	1240	1242	1245	rVV	255381	196028	10.91%	0.716%
20	9.428	1245	1248	1252	rVV2	48937	50582	2.82%	0.185%
21	9.481	1252	1257	1266	rVV	149404	187710	10.45%	0.686%
22	9.563	1269	1271	1276	rVB	148297	134709	7.50%	0.492%
23	9.704	1289	1295	1298	rBV2	833016	861895	47.97%	3.148%
24	9.739	1298	1301	1305	rVB	1094116	873153	48.60%	3.190%
25	9.810	1310	1313	1318	rVB2	33369	48082	2.68%	0.176%
26	9.910	1326	1330	1333	rBV	657879	514326	28.63%	1.879%
27	9.951	1334	1337	1341	rVB	78226	69894	3.89%	0.255%
28	10.022	1344	1349	1352	rBV2	98472	116243	6.47%	0.425%
29	10.051	1352	1354	1360	rVB2	84165	76739	4.27%	0.280%
30	10.110	1360	1364	1366	rBV2	68273	86622	4.82%	0.316%
31	10.157	1370	1372	1375	rVB	89676	64288	3.58%	0.235%
32	10.204	1375	1380	1381	rBV3	39830	49023	2.73%	0.179%
33	10.222	1381	1383	1385	rVV	70458	56285	3.13%	0.206%
34	10.251	1385	1388	1393	rVB	858444	758693	42.23%	2.771%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090917\
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Acq On : 9 Sep 2017 19:35
Operator : SJ/JU
Sample : I5151-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI2-1

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-BF081517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.333	1400	1402	1405	rVV2	68104	73060	4.07%	0.267%
36	10.363	1405	1407	1409	rVV	95827	84939	4.73%	0.310%
37	10.410	1412	1415	1418	rVV	199294	173012	9.63%	0.632%
38	10.475	1423	1426	1427	rBV	111312	110541	6.15%	0.404%
39	10.492	1427	1429	1433	rVV	464911	443171	24.67%	1.619%
40	10.616	1446	1450	1455	rBV2	49998	53096	2.96%	0.194%
41	10.798	1477	1481	1484	rBV2	152656	174252	9.70%	0.637%
42	10.828	1484	1486	1489	rVB	56616	46420	2.58%	0.170%
43	10.880	1492	1495	1498	rVB	76976	63878	3.56%	0.233%
44	10.928	1498	1503	1505	rBV2	84135	81541	4.54%	0.298%
45	10.998	1513	1515	1518	rVV2	69803	61765	3.44%	0.226%
46	11.039	1518	1522	1525	rVV	76488	89503	4.98%	0.327%
47	11.080	1525	1529	1537	rVB	176566	206572	11.50%	0.755%
48	11.186	1543	1547	1549	rBV	715977	709921	39.51%	2.593%
49	11.216	1549	1552	1555	rVV	2089356	1796596	100.00%	6.563%
50	11.263	1555	1560	1563	rVV	815423	644338	35.86%	2.354%
51	11.298	1563	1566	1569	rVV2	67065	70639	3.93%	0.258%
52	11.422	1584	1587	1589	rBV	115595	101529	5.65%	0.371%
53	11.686	1628	1632	1635	rBV	250568	230807	12.85%	0.843%
54	11.716	1635	1637	1641	rVB	350932	279064	15.53%	1.019%
55	11.763	1641	1645	1648	rBV	209167	175360	9.76%	0.641%
56	11.798	1648	1651	1654	rVV	395899	454373	25.29%	1.660%
57	11.822	1654	1655	1660	rVB	169484	97869	5.45%	0.358%
58	11.980	1680	1682	1686	rVB	139418	122213	6.80%	0.446%
59	12.233	1720	1725	1728	rBV	139921	164757	9.17%	0.602%
60	12.275	1728	1732	1734	rVV	92499	113880	6.34%	0.416%
61	12.322	1737	1740	1745	rVB2	54153	83763	4.66%	0.306%
62	12.398	1749	1753	1756	rBV	1306022	1150096	64.02%	4.201%
63	12.492	1766	1769	1772	rVB	209153	174431	9.71%	0.637%
64	12.545	1772	1778	1785	rBV3	56232	103592	5.77%	0.378%
65	12.627	1785	1792	1794	rBV2	971556	1102062	61.34%	4.026%
66	12.674	1798	1800	1805	rVB3	85950	94521	5.26%	0.345%
67	12.745	1808	1812	1813	rBV	98601	91072	5.07%	0.333%
68	12.769	1813	1816	1823	rVB	521955	497799	27.71%	1.818%
69	12.845	1823	1829	1832	rBV2	97756	156959	8.74%	0.573%
70	12.927	1840	1843	1845	rBV3	80081	102959	5.73%	0.376%
71	12.951	1845	1847	1850	rVB	274920	234433	13.05%	0.856%

LSC Area Percent Report

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Acq On : 9 Sep 2017 19:35
Operator : SJ/JU
Sample : I5151-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI2-1

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
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.016	1855	1858	1861	rVV	264936	240698	13.40%	0.879%
73	13.057	1861	1865	1868	rVV2	145452	184170	10.25%	0.673%
74	13.116	1872	1875	1878	rVV3	47190	67340	3.75%	0.246%
75	13.145	1878	1880	1883	rVV	72785	74674	4.16%	0.273%
76	13.180	1883	1886	1893	rVB2	78479	117533	6.54%	0.429%
77	13.433	1925	1929	1932	rBV3	59958	75460	4.20%	0.276%
78	13.569	1947	1952	1954	rBV	49192	60739	3.38%	0.222%
79	13.598	1954	1957	1959	rVV	87215	90185	5.02%	0.329%
80	13.816	1987	1994	1997	rBV2	929111	1330168	74.04%	4.859%
81	13.845	1997	1999	2002	rVB	399637	307385	17.11%	1.123%
82	13.921	2007	2012	2017	rBV2	77170	88070	4.90%	0.322%
83	13.969	2017	2020	2023	rBV	67543	69486	3.87%	0.254%
84	14.168	2051	2054	2056	rVV3	47142	60684	3.38%	0.222%
85	14.204	2056	2060	2063	rVV	140758	181914	10.13%	0.665%
86	14.239	2063	2066	2069	rVV2	70967	82493	4.59%	0.301%
87	14.298	2070	2076	2079	rVV2	92263	150753	8.39%	0.551%
88	14.327	2079	2081	2083	rVV2	70399	76097	4.24%	0.278%
89	14.351	2083	2085	2088	rVV2	90223	90265	5.02%	0.330%
90	14.398	2091	2093	2099	rVB2	39231	46251	2.57%	0.169%
91	14.827	2161	2166	2169	rBV	327506	489854	27.27%	1.789%
92	14.927	2180	2183	2187	rVB	99228	100599	5.60%	0.367%
93	15.021	2194	2199	2203	rBV	29429	58371	3.25%	0.213%
94	15.104	2209	2213	2219	rVB	160250	215307	11.98%	0.786%
95	15.163	2219	2223	2228	rBV	310400	382921	21.31%	1.399%
96	15.221	2228	2233	2236	rVV	474712	602681	33.55%	2.202%
97	15.251	2236	2238	2245	rVB2	95891	117295	6.53%	0.428%
98	16.562	2455	2461	2468	rVB2	93334	174084	9.69%	0.636%
99	16.962	2524	2529	2538	rBV	54629	103863	5.78%	0.379%
100	17.186	2560	2567	2573	rBV3	29135	62970	3.50%	0.230%

Sum of corrected areas: 27375643

LSC Report - Integrated Chromatogram

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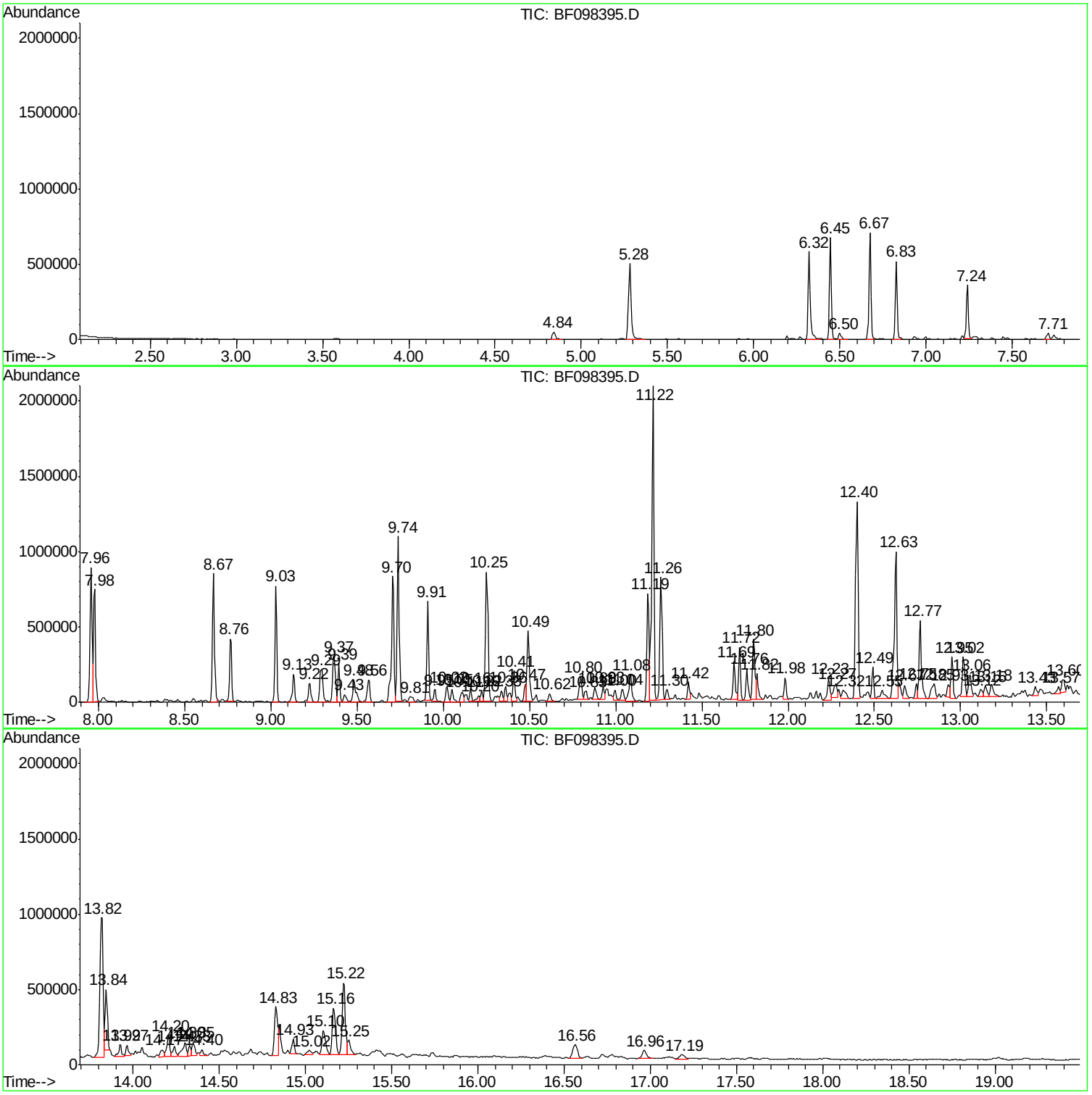
Data File : BF098395.D
Acq On : 9 Sep 2017 19:35
Operator : SJ/JU
Sample : I5151-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI2-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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 : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090917\
Data File : BF098395.D
Acq On : 9 Sep 2017 19:35
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Sample : I5151-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI2-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

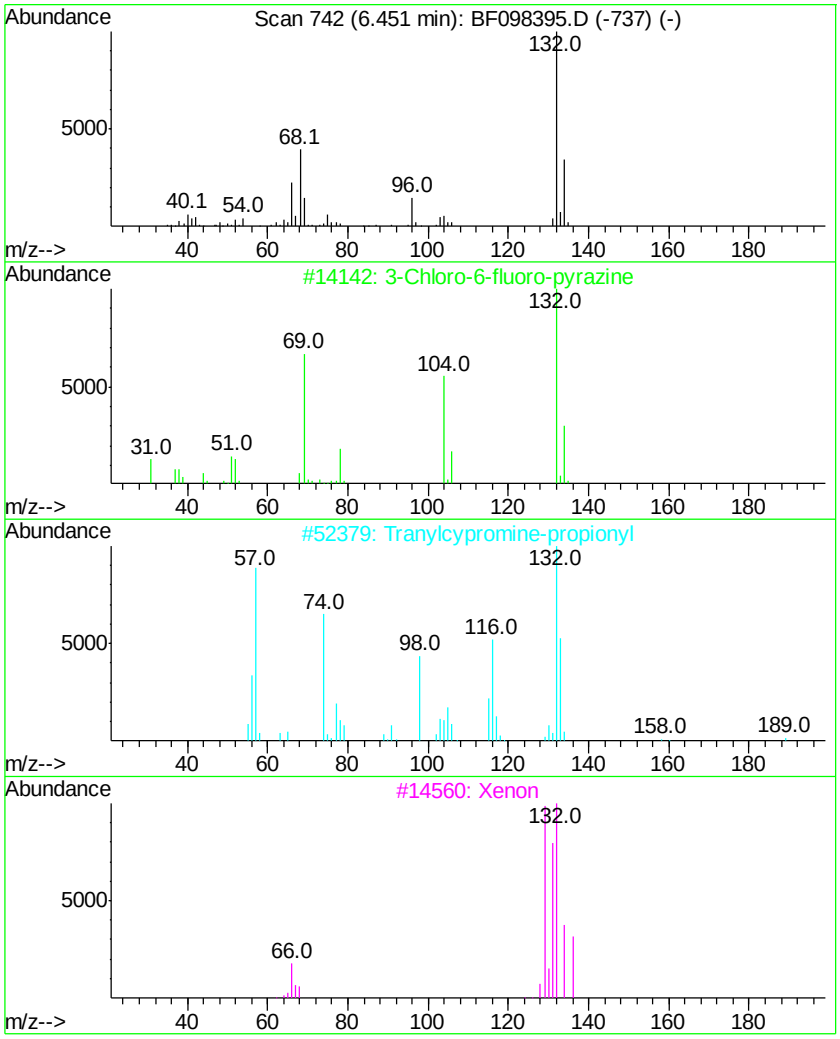
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

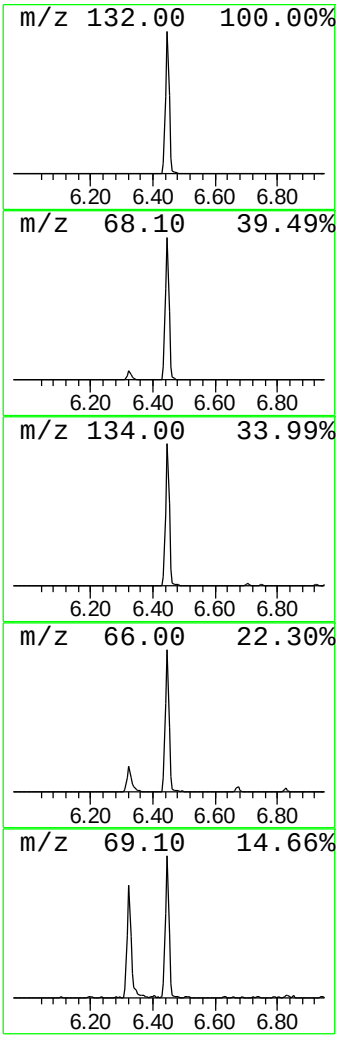
****

Peak Number 1 unknown6.45 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	18.52 ng	546014	1,4-Dichlorobenzene-d4	6.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Xenon	132	Xe	007440-63-3	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





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Misc :
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Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI2-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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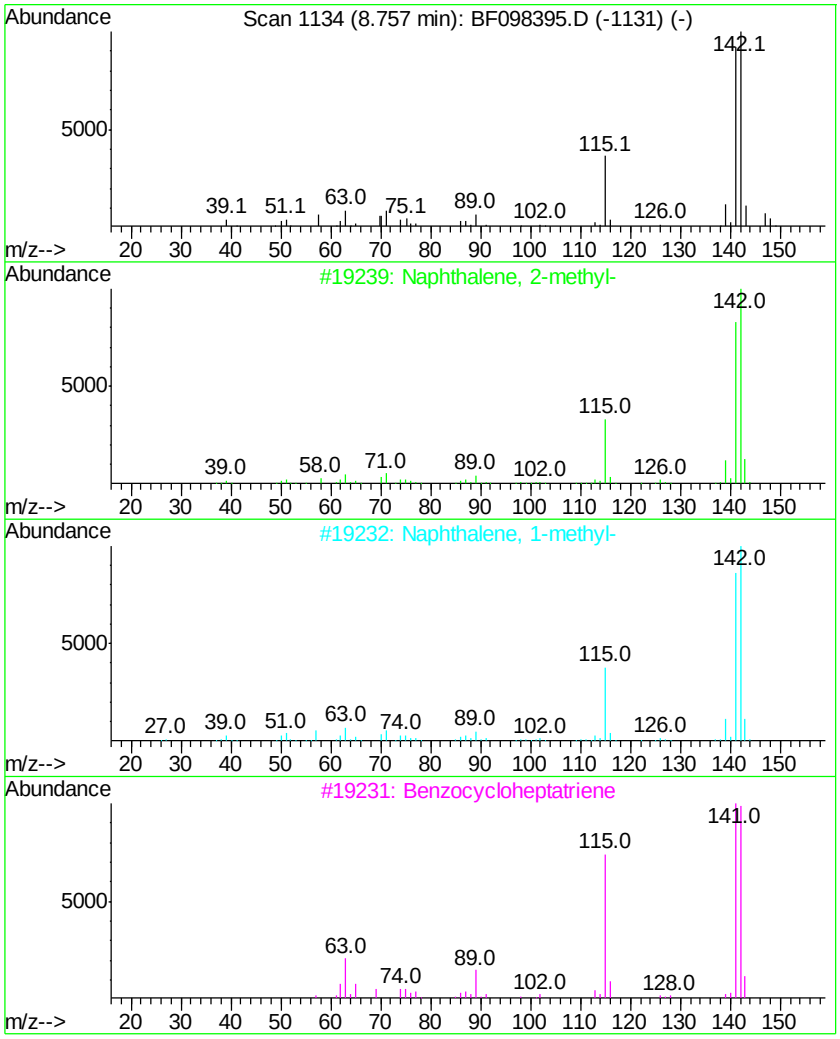
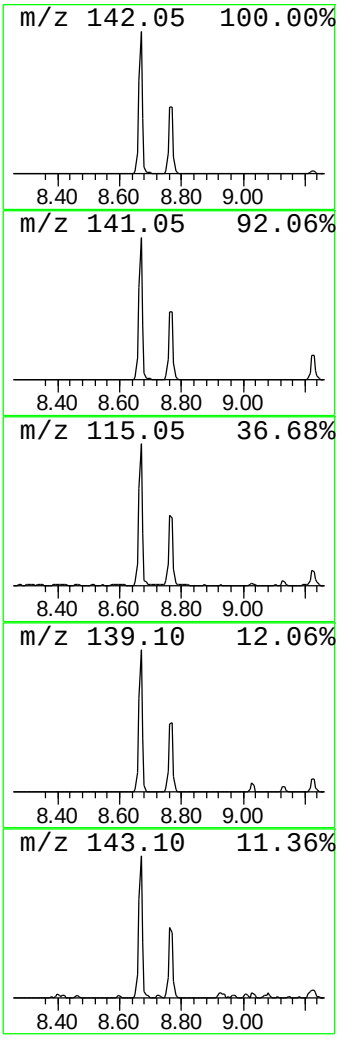
Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	8.95 ng	381176	Naphthalene-d8	7.96

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	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	72





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090917\
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Sample : I5151-01 5X
Misc :
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Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI2-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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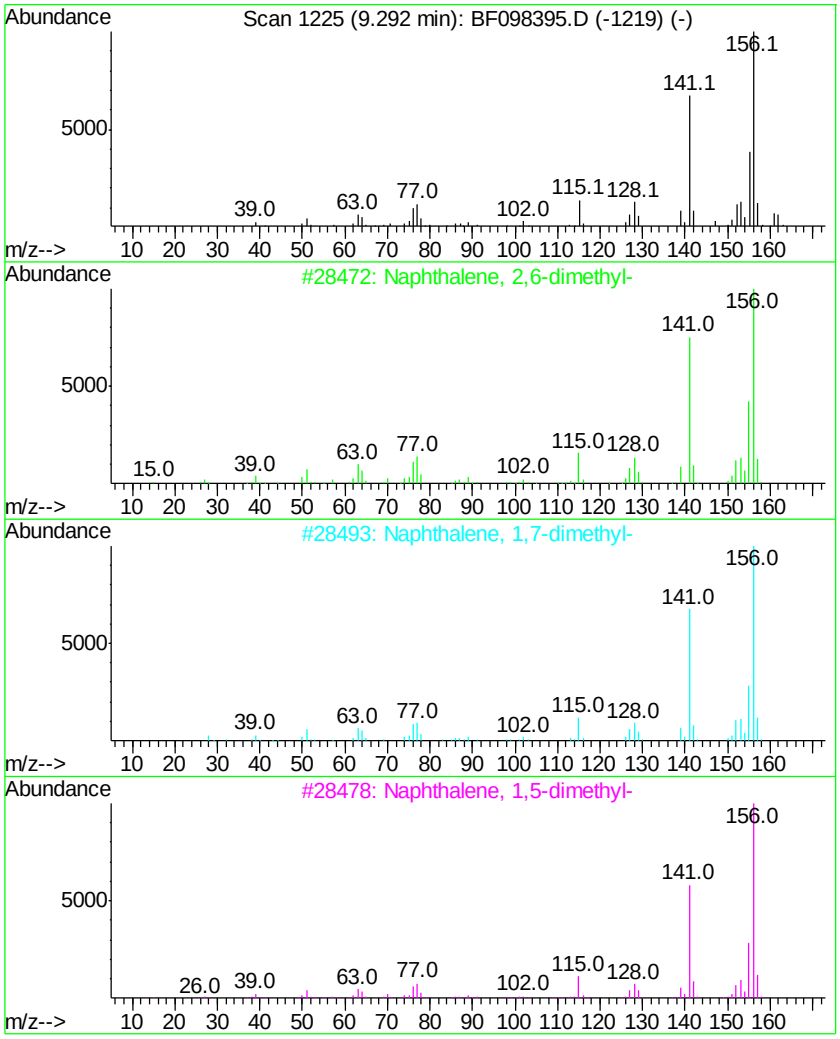
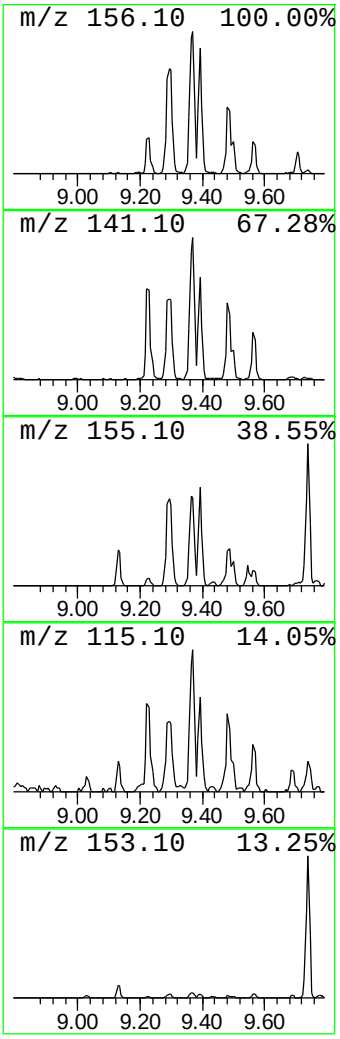
Peak Number 4 Naphthalene, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	7.13 ng	307092	Acenaphthene-d10	9.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI2-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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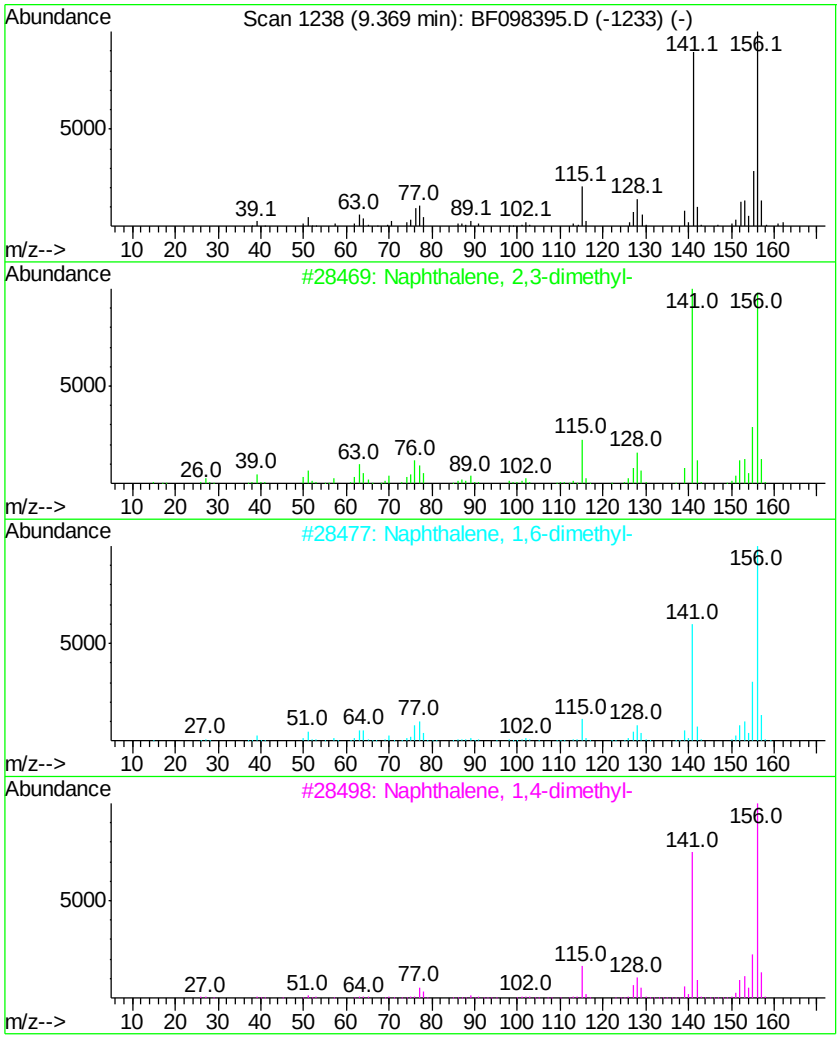
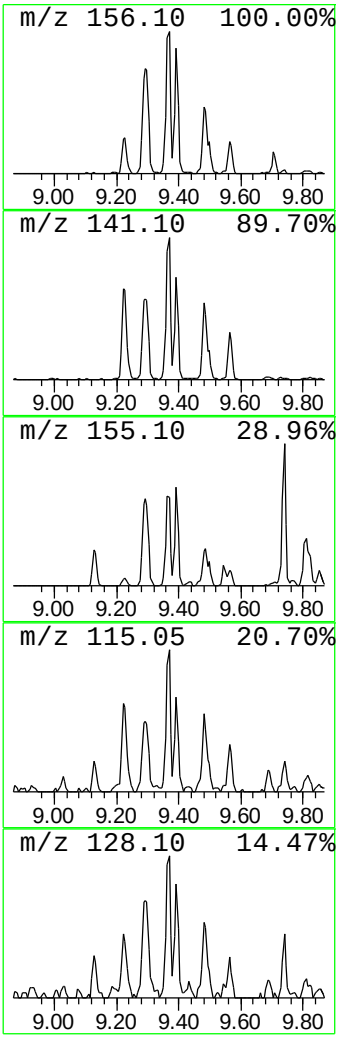
Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	7.41 ng	319197	Acenaphthene-d10	9.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090917\
Data File : BF098395.D
Acq On : 9 Sep 2017 19:35
Operator : SJ/JU
Sample : I5151-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI2-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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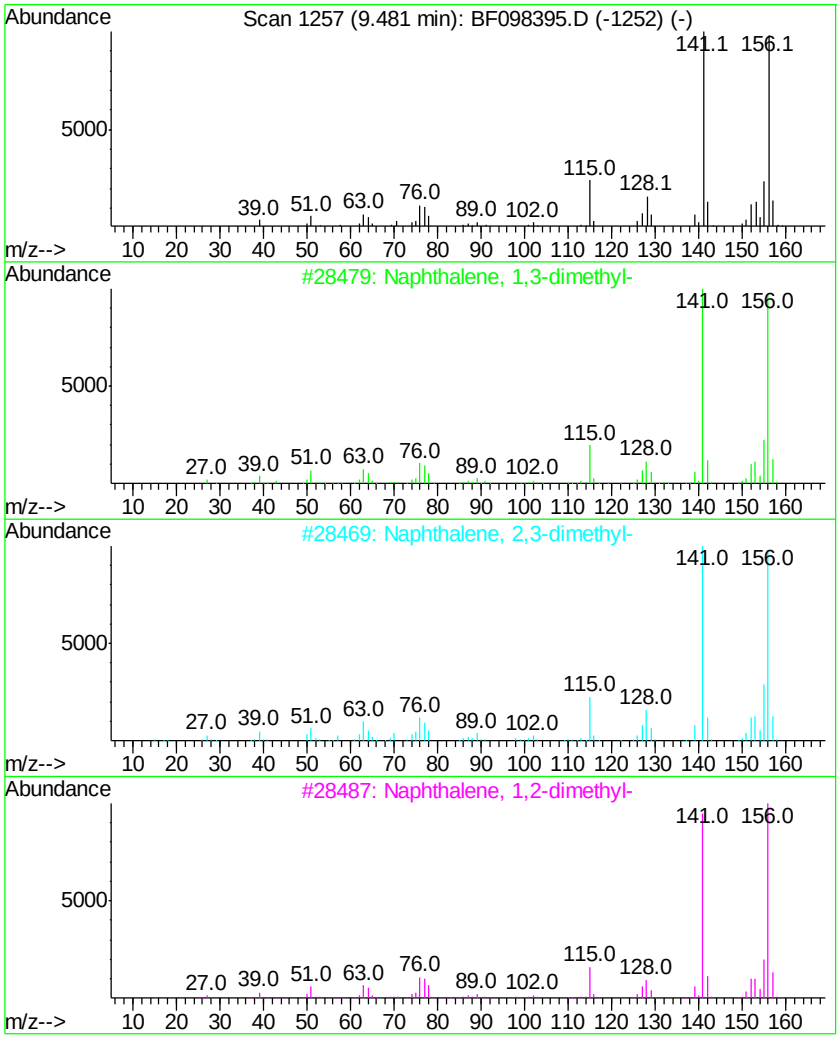
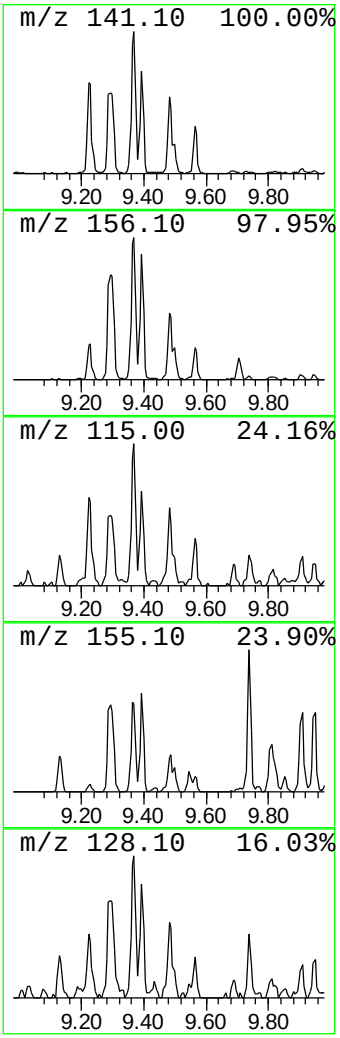
Peak Number 7 Naphthalene, 1,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.48	4.36 ng	187710	Acenaphthene-d10	9.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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Acq On : 9 Sep 2017 19:35
Operator : SJ/JU
Sample : I5151-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI2-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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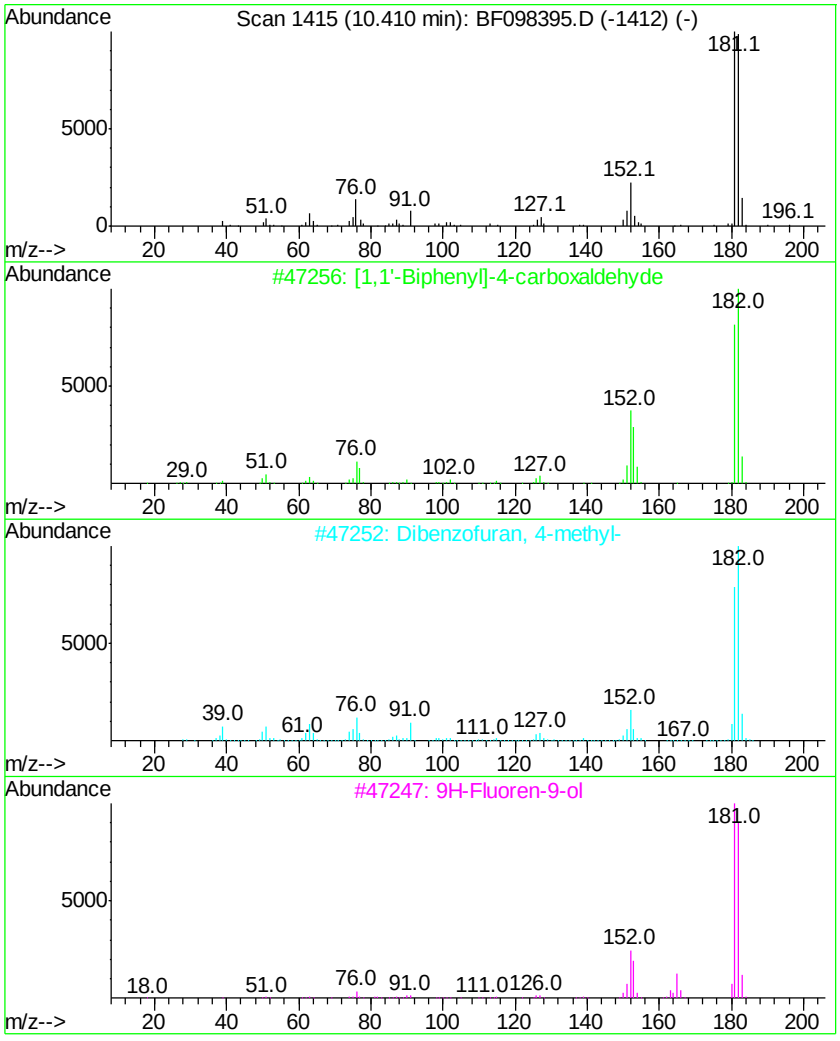
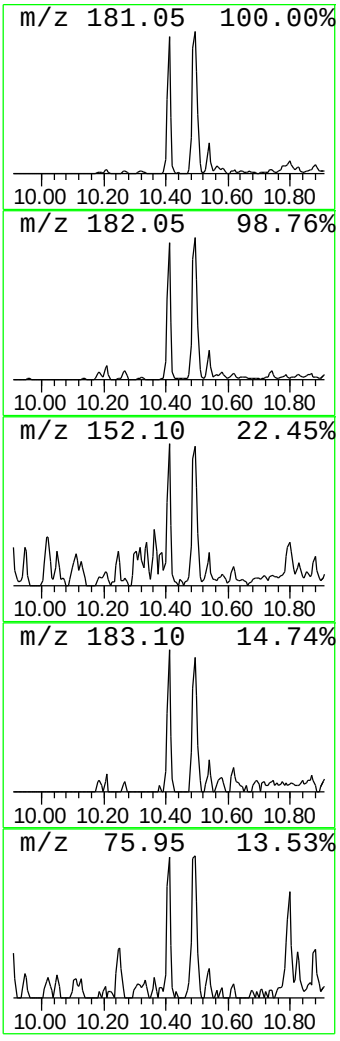
Peak Number 8 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.41	4.01 ng	173012	Acenaphthene-d10	9.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
4	2-Hydroxyfluorene	182	C13H10O	002443-58-5	68
5	Norharmane, N-methyl-	182	C12H10N2	1000374-78-6	64





Library Search Compound Report

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Sample : I5151-01 5X
Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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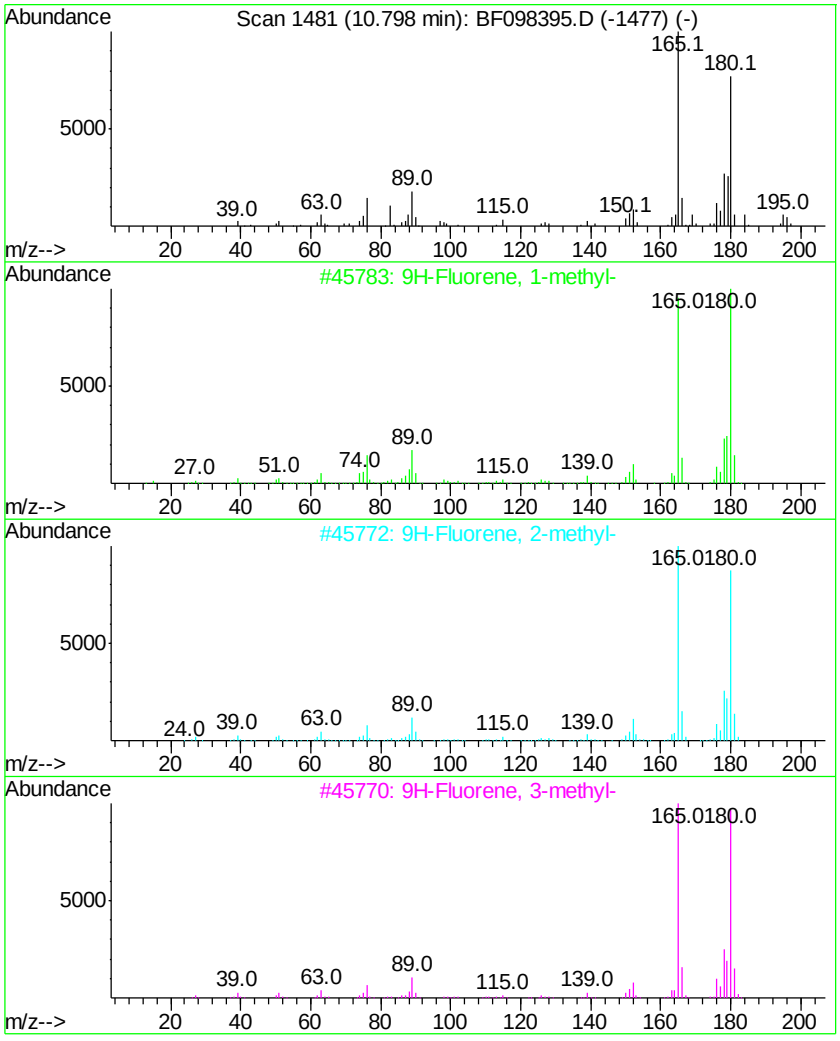
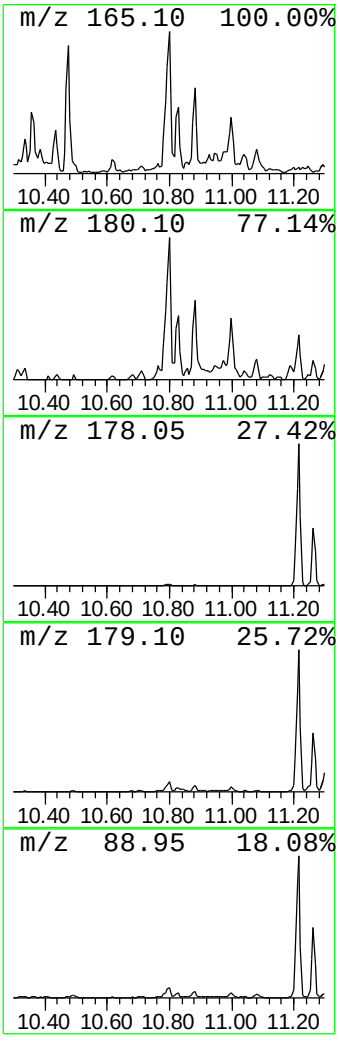
Peak Number 9 9H-Fluorene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	4.91 ng	174252	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	90
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	81
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	81
5	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	81





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI2-1

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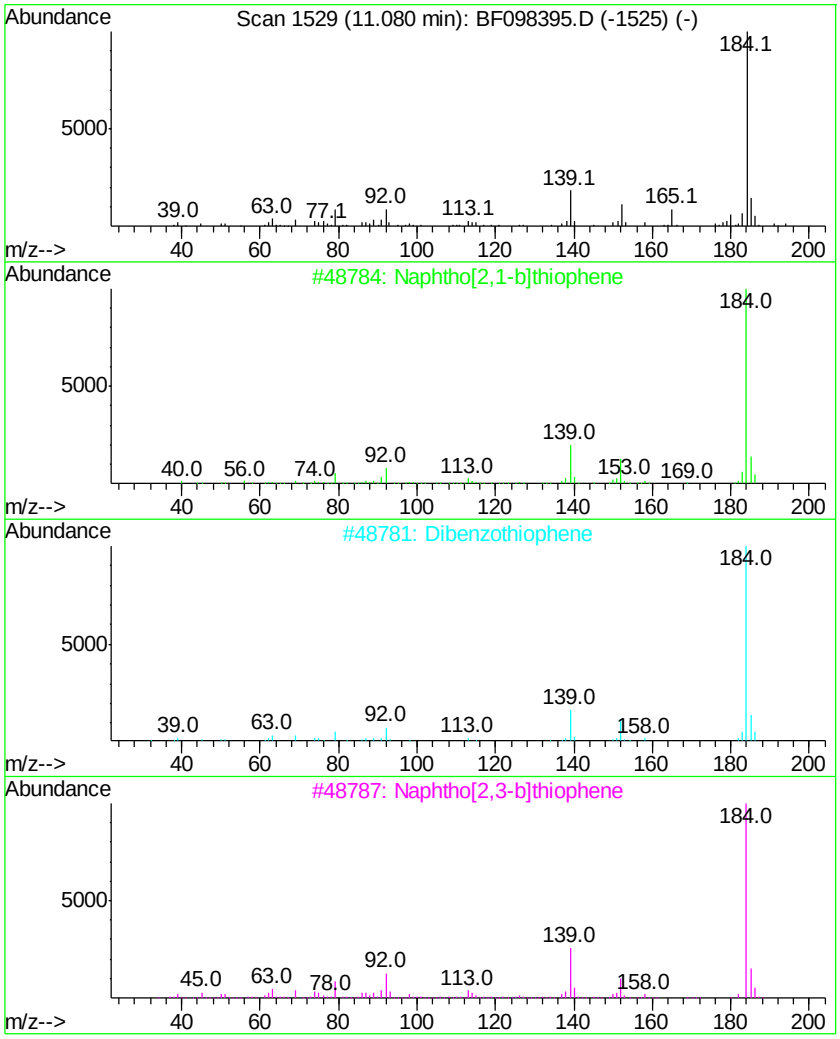
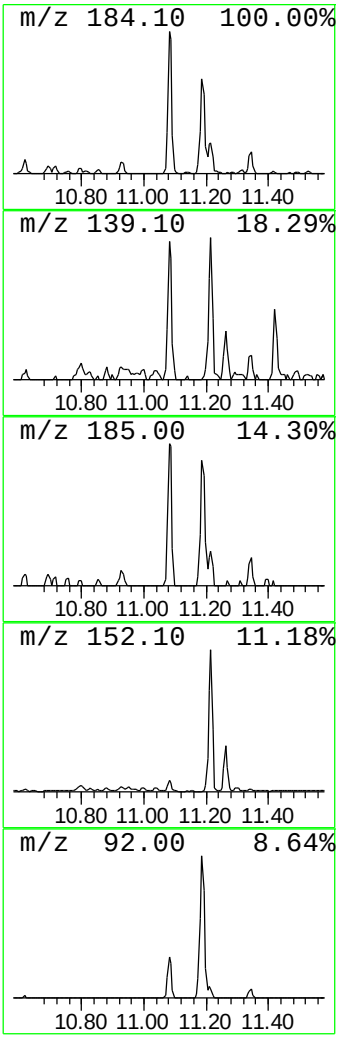
Peak Number 10 Naphtho[2,1-b]thiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	5.82 ng	206572	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	95
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	91
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
5	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	72





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Sample : I5151-01 5X
Misc :
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Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI2-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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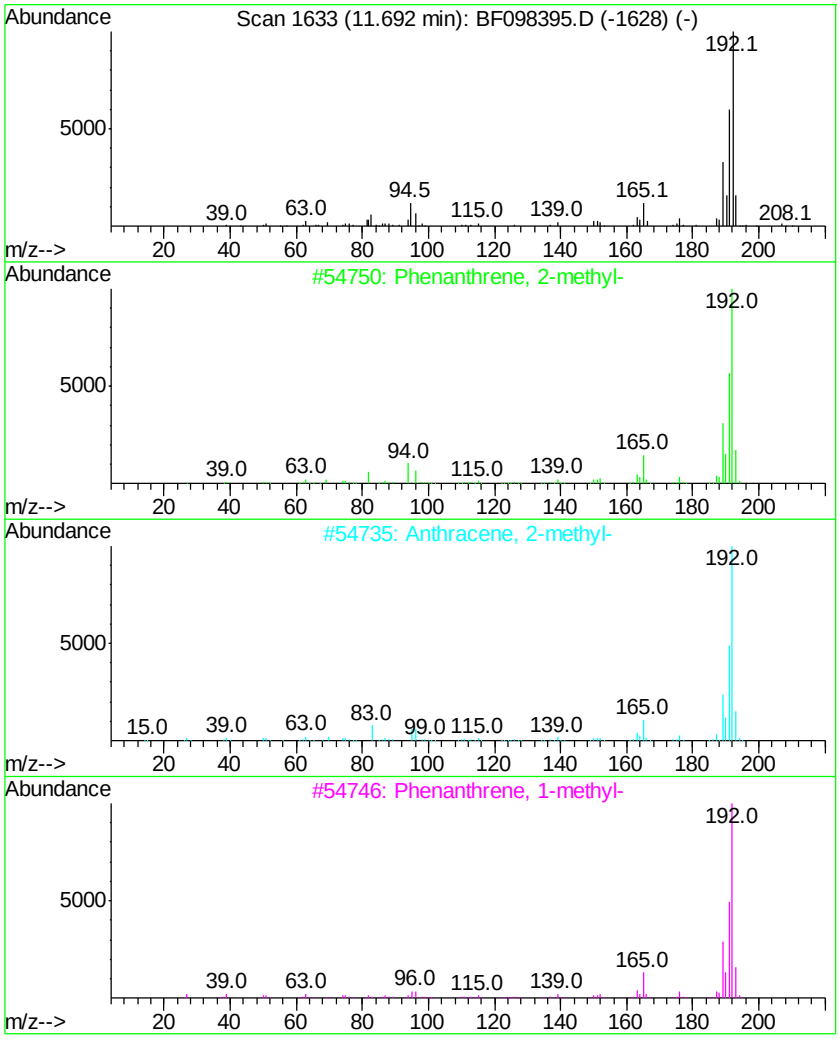
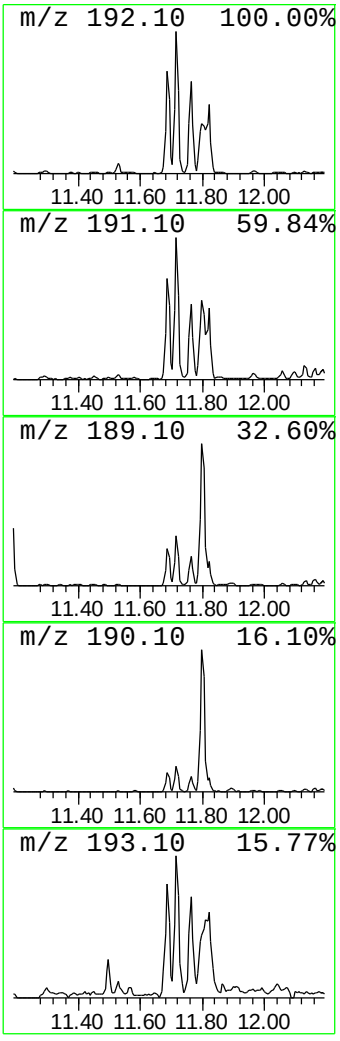
Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	6.50 ng	230807	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94





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Sample : I5151-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI2-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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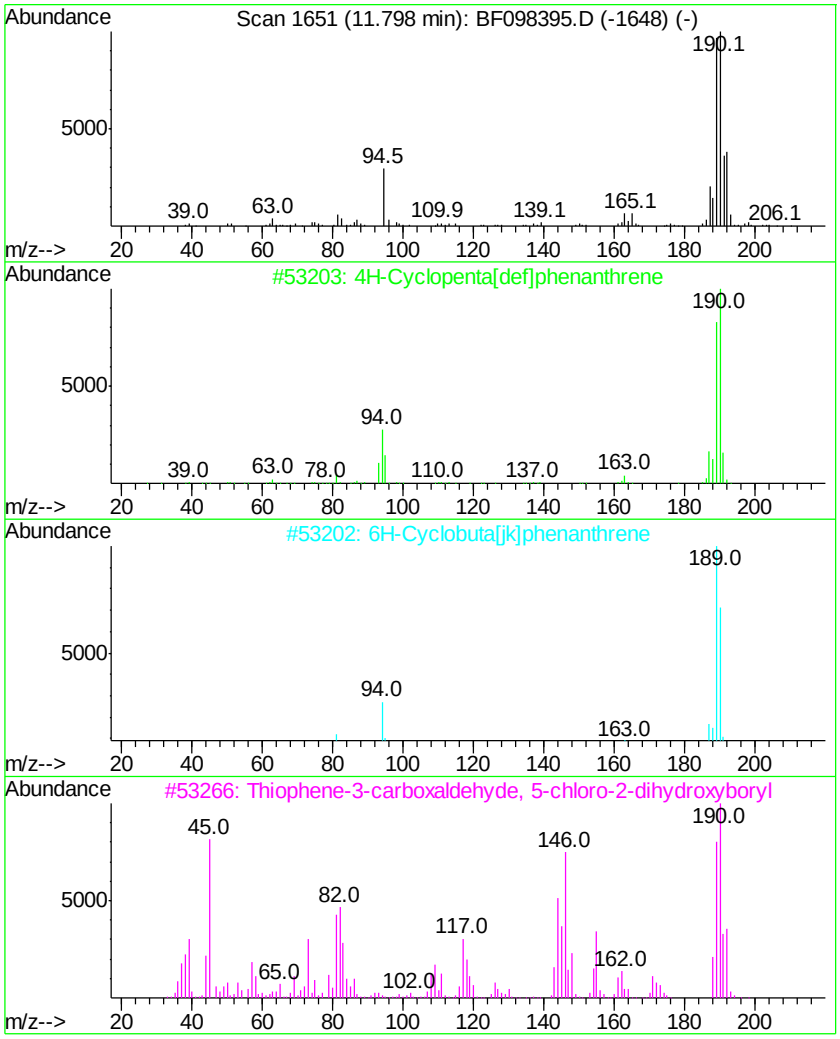
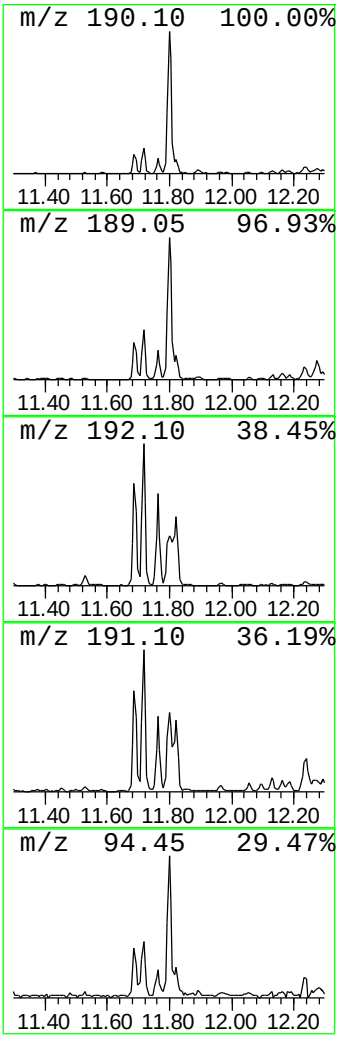
Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	12.80 ng	454373	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	25





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Sample : I5151-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI2-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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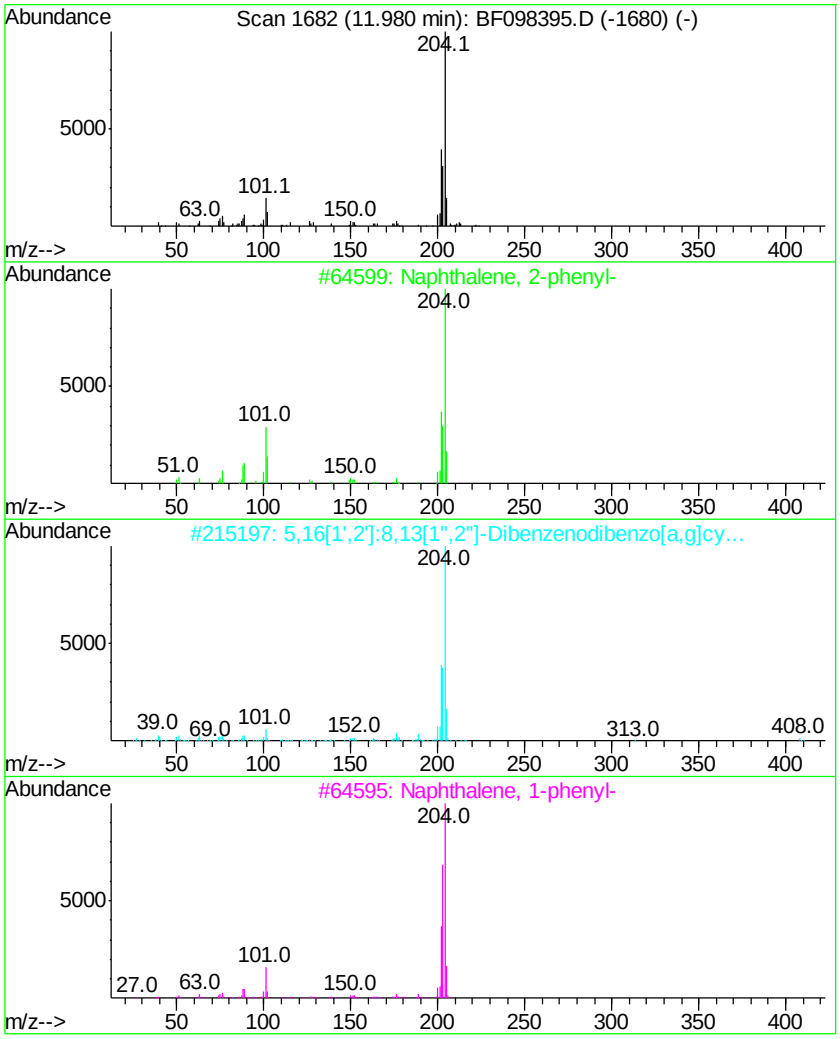
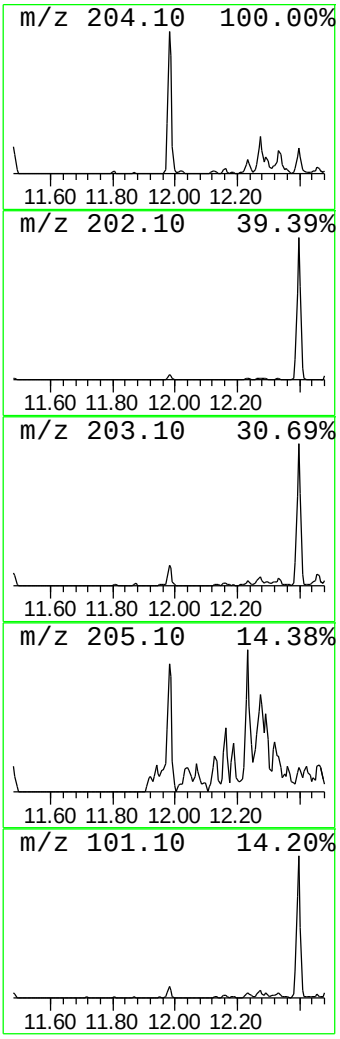
Peak Number 15 Naphthalene, 2-phenyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	3.44 ng	122213	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
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	83
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	64





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Sample : I5151-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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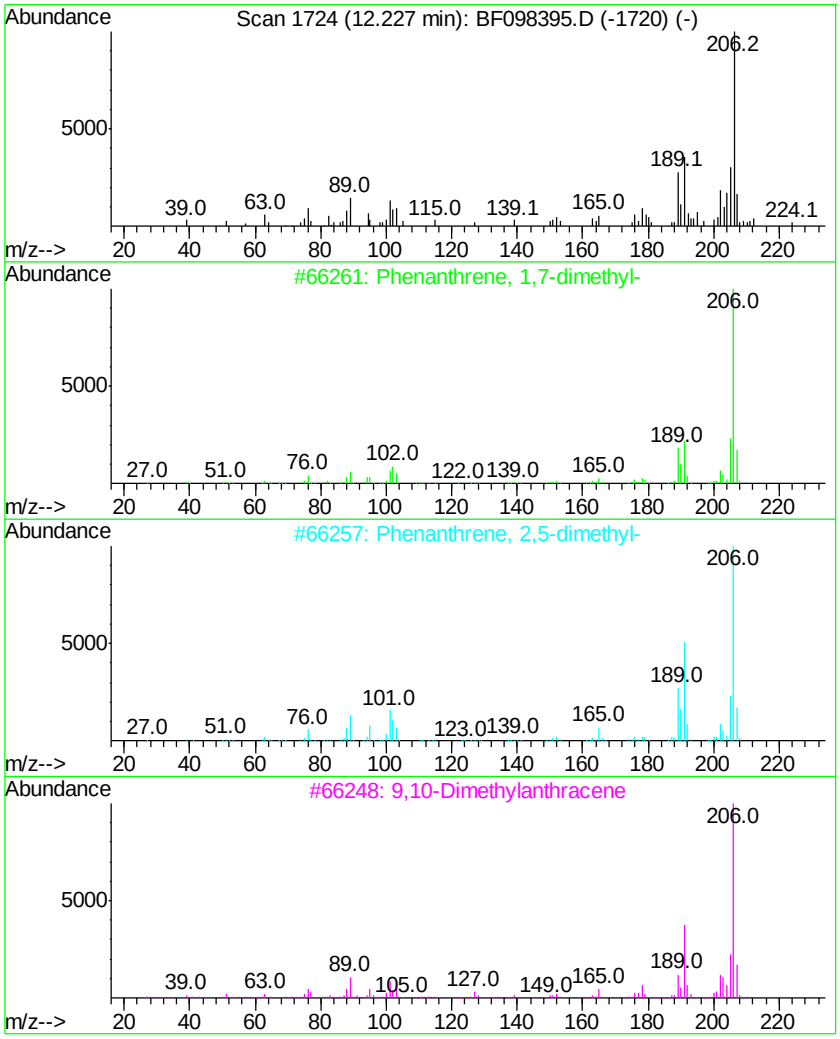
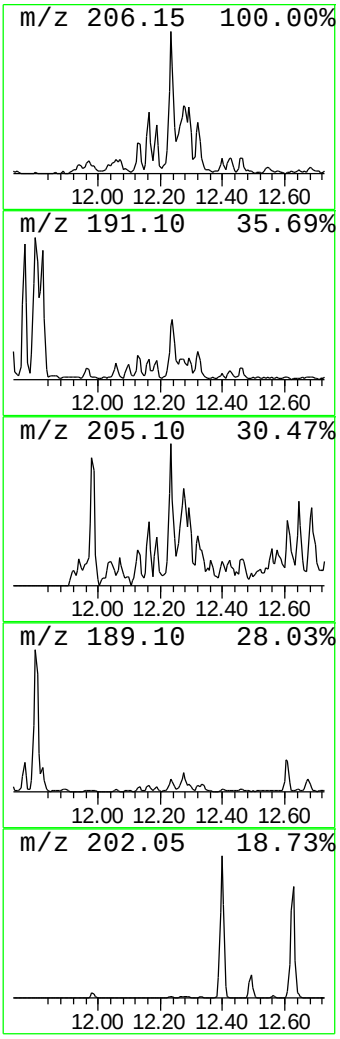
Peak Number 16 Phenanthrene, 1,7-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	4.64 ng	164757	Phenanthrene-d10	11.19

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





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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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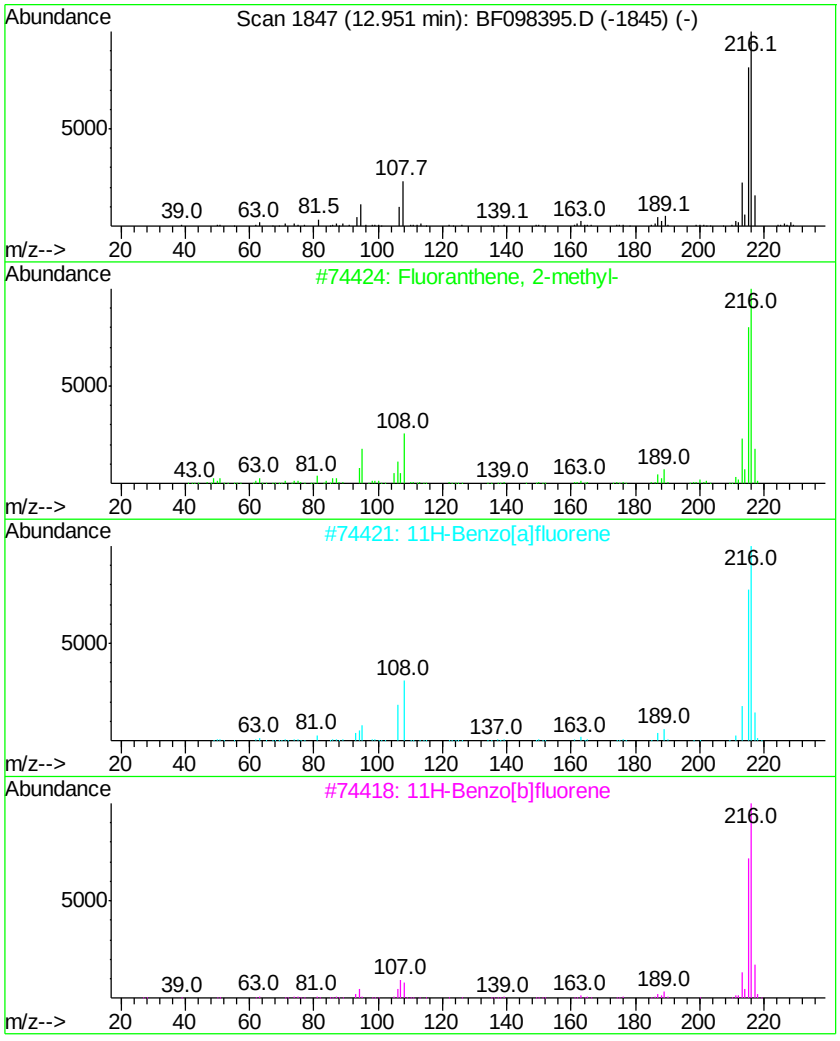
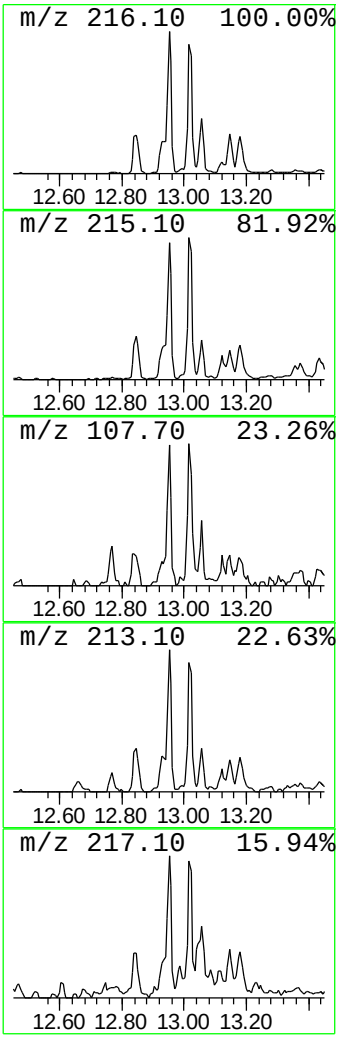
Peak Number 18 Fluoranthene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.95	3.52 ng	234433	Chrysene-d12	13.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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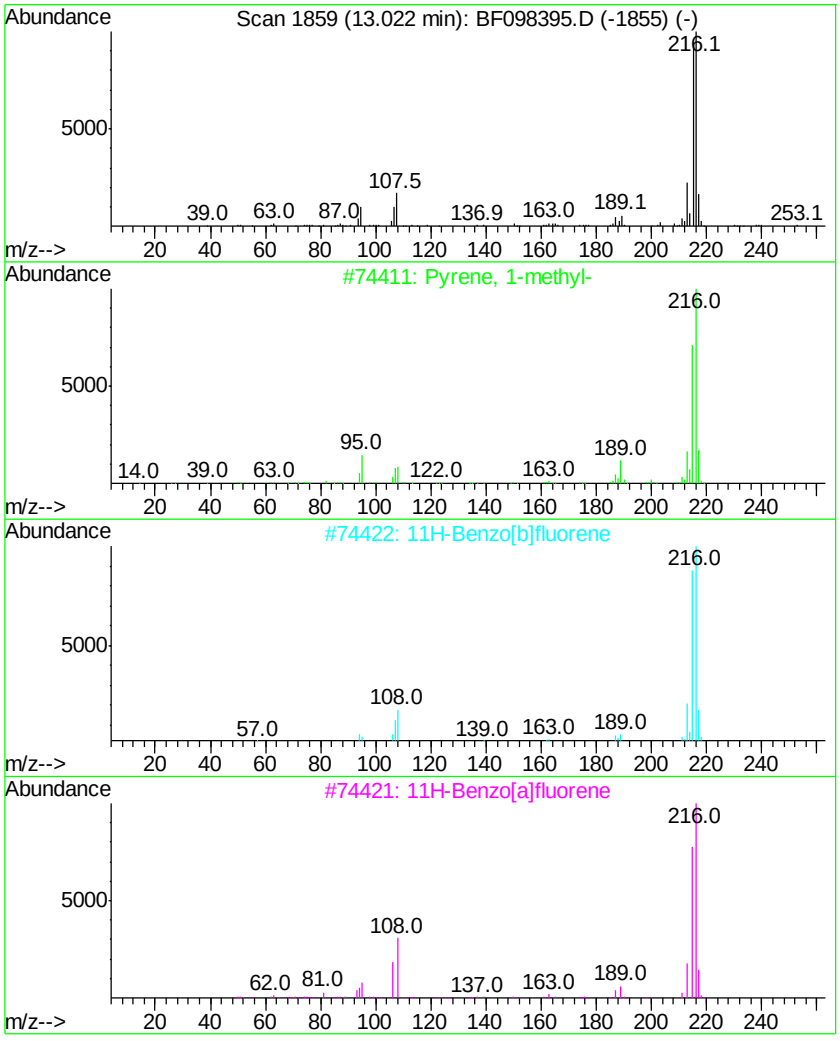
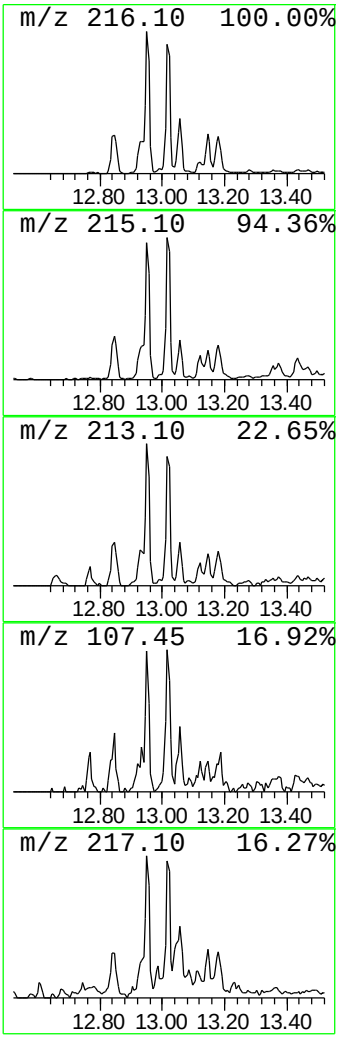
Peak Number 19 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	3.62 ng	240698	Chrysene-d12	13.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64





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ClientSampleId : NYSEG-PH4-ESMI2-1

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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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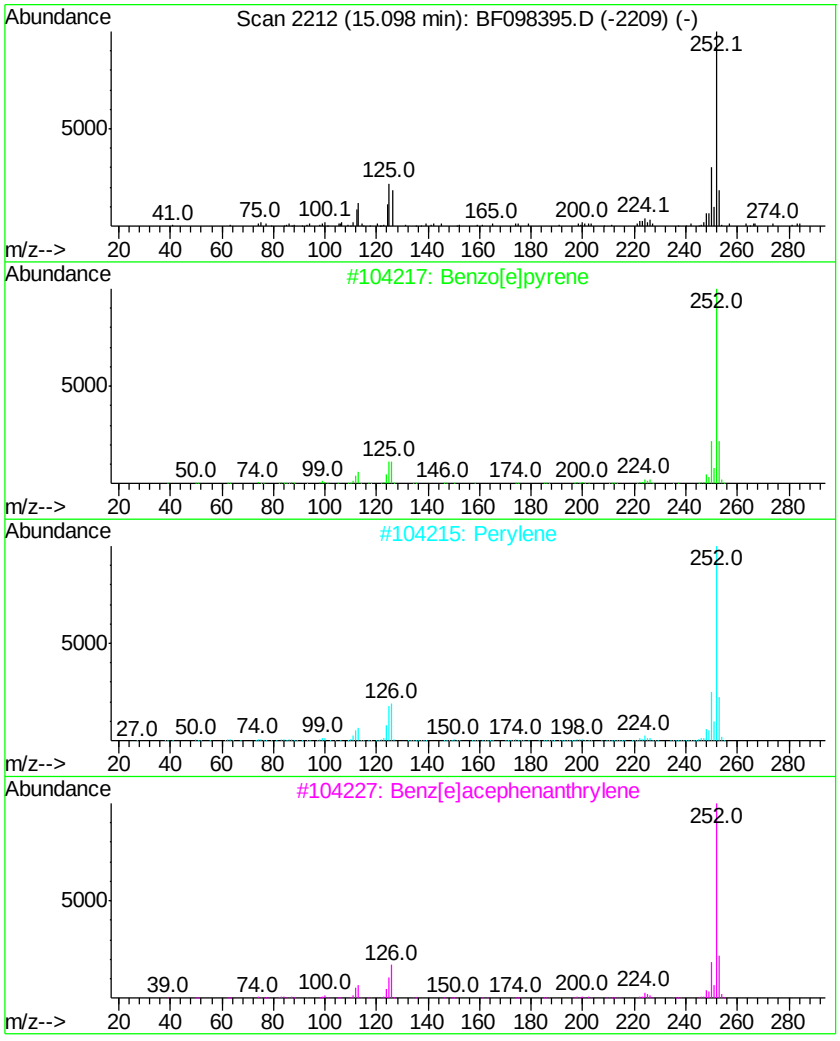
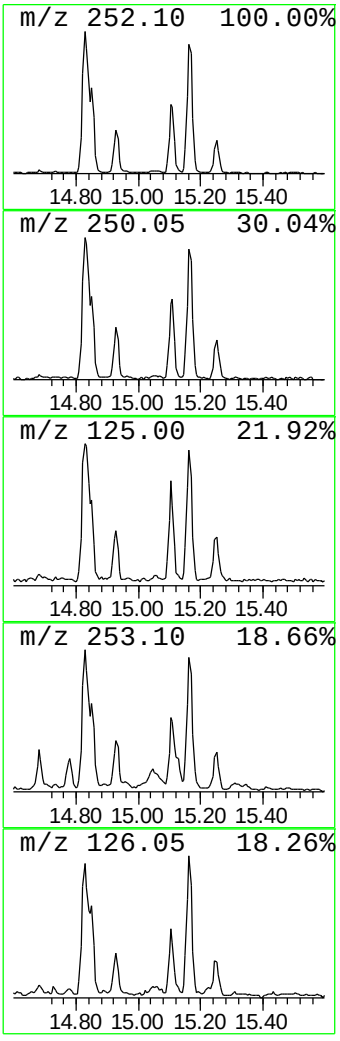
Peak Number 20 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	7.14 ng	215307	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Perylene	252	C20H12	000198-55-0	94
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	91
5	Benzo[a]pyrene	252	C20H12	000050-32-8	91





Tentatively Identified Compound (LSC) summary

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Sample : I5151-01 5X
Misc :
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Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI2-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
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Naphthalene, 1-me...	8.76	8.9	ng	381176	2	7.96	852241	20.0
Naphthalene, 2,6-...	9.29	7.1	ng	307092	3	9.70	861895	20.0
Naphthalene, 2,3-...	9.37	7.4	ng	319197	3	9.70	861895	20.0
Naphthalene, 1,3-...	9.48	4.4	ng	187710	3	9.70	861895	20.0
[1,1'-Biphenyl]-4...	10.41	4.0	ng	173012	3	9.70	861895	20.0
9H-Fluorene, 1-me...	10.80	4.9	ng	174252	4	11.19	709921	20.0
Naphtho[2,1-b]thi...	11.08	5.8	ng	206572	4	11.19	709921	20.0
Phenanthrene, 2-m...	11.69	6.5	ng	230807	4	11.19	709921	20.0
4H-Cyclopenta[def...	11.80	12.8	ng	454373	4	11.19	709921	20.0
Naphthalene, 2-ph...	11.98	3.4	ng	122213	4	11.19	709921	20.0
Phenanthrene, 1,7...	12.23	4.6	ng	164757	4	11.19	709921	20.0
Fluoranthene, 2-m...	12.95	3.5	ng	234433	5	13.82	1330170	20.0
Pyrene, 1-methyl-	13.02	3.6	ng	240698	5	13.82	1330170	20.0
Benzo[e]pyrene	15.10	7.1	ng	215307	6	15.23	602681	20.0