LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090917\
Data File : BF098399.D
Acq On : 9 Sep 2017 21:26
Operator : SJ/JU
Sample : I5151-05 50X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI2-5

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	6.498	746	750	753	rBV2	160705	171014	2.12%	0.224%
2	6.675	776	780	783	rBV	671528	579233	7.20%	0.757%
3	6.851	807	810	814	rVB	416599	328606	4.08%	0.430%
4	6.934	820	824	827	rBV	292260	251163	3.12%	0.328%
5	7.710	949	956	959	rBV3	208391	246834	3.07%	0.323%
6	7.739	959	961	967	rVB	171065	199441	2.48%	0.261%
7	7.992	992	1004	1007	rBV2	4638069	8048550	100.00%	10.520%
8	8.034	1007	1011	1014	rVV	469622	393716	4.89%	0.515%
9	8.675	1114	1120	1123	rBV	2514954	2476131	30.76%	3.236%
10	8.769	1131	1136	1139	rVB	1736511	1428144	17.74%	1.867%
11	9.133	1191	1198	1201	rBV	817437	762661	9.48%	0.997%
12	9.222	1211	1213	1219	rVB	259598	267393	3.32%	0.349%
13	9.292	1219	1225	1229	rBV	583243	832802	10.35%	1.089%
14	9.369	1233	1238	1240	rVV	779913	815554	10.13%	1.066%
15	9.392	1240	1242	1246	rVV	632471	515018	6.40%	0.673%
16	9.433	1246	1249	1252	rVB	202837	163754	2.03%	0.214%
17	9.480	1252	1257	1263	rBV2	378612	493453	6.13%	0.645%
18	9.569	1266	1272	1275	rBV	723023	637058	7.92%	0.833%
19	9.710	1287	1296	1298	rBV2	825454	1116528	13.87%	1.459%
20	9.745	1298	1302	1305	rVV	3391889	3421247	42.51%	4.472%
21	9.780	1305	1308	1310	rVV	145618	134708	1.67%	0.176%
22	9.810	1310	1313	1317	rVV3	107618	134904	1.68%	0.176%
23	9.916	1326	1331	1334	rVV	2079640	1964675	24.41%	2.568%
24	9.951	1334	1337	1345	rVB	216881	212776	2.64%	0.278%
25	10.022	1345	1349	1352	rBV2	255274	320225	3.98%	0.419%
26	10.051	1352	1354	1360	rVB2	224573	209665	2.61%	0.274%
27	10.116	1360	1365	1366	rBV3	160502	213085	2.65%	0.279%
28	10.157	1370	1372	1375	rVV	267095	212774	2.64%	0.278%
29	10.222	1381	1383	1385	rVV	191571	173650	2.16%	0.227%
30	10.257	1385	1389	1394	rVB	2417239	2345147	29.14%	3.065%
31	10.333	1401	1402	1404	rVV2	168485	149699	1.86%	0.196%
32	10.363	1404	1407	1409	rVV2	283149	288596	3.59%	0.377%
33	10.410	1412	1415	1418	rVV	550310	531370	6.60%	0.695%
34	10.475	1422	1426	1427	rVV	524522	478117	5.94%	0.625%

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 21:26
Operator : SJ/JU
Sample : I5151-05 50X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI2-5

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	10.492	1427	1429	1433	rVV	612345	674074	8.38%	0.881%
36	10.798	1476	1481	1484	rBV2	386654	459780	5.71%	0.601%
37	10.880	1492	1495	1498	rVV	201422	197255	2.45%	0.258%
38	10.927	1500	1503	1505	rVV	201552	214271	2.66%	0.280%
39	10.951	1505	1507	1509	rVV	195481	185683	2.31%	0.243%
40	10.998	1513	1515	1518	rVV2	191238	173354	2.15%	0.227%
41	11.039	1518	1522	1525	rVV	216063	238961	2.97%	0.312%
42	11.086	1525	1530	1537	rVB	699217	753930	9.37%	0.985%
43	11.227	1543	1554	1557	rBV2	4078547	6765190	84.05%	8.842%
44	11.274	1557	1562	1564	rVV	2650215	2549282	31.67%	3.332%
45	11.298	1564	1566	1569	rVV2	288642	292459	3.63%	0.382%
46	11.422	1580	1587	1594	rVV	874812	1008369	12.53%	1.318%
47	11.486	1594	1598	1602	rVV3	212518	274546	3.41%	0.359%
48	11.527	1602	1605	1608	rVV3	104939	148320	1.84%	0.194%
49	11.563	1608	1611	1615	rVV	250639	247076	3.07%	0.323%
50	11.692	1626	1633	1635	rBV	587671	629273	7.82%	0.822%
51	11.716	1635	1637	1642	rVB	815713	755521	9.39%	0.987%
52	11.769	1642	1646	1648	rBV	526587	470540	5.85%	0.615%
53	11.804	1648	1652	1654	rBV	1184736	1190290	14.79%	1.556%
54	11.980	1680	1682	1686	rVB	441111	395182	4.91%	0.517%
55	12.233	1720	1725	1728	rBV2	286953	364634	4.53%	0.477%
56	12.274	1728	1732	1734	rVV	203770	250439	3.11%	0.327%
57	12.321	1738	1740	1746	rVB3	128949	195626	2.43%	0.256%
58	12.410	1749	1755	1758	rBV	3326925	4011831	49.85%	5.244%
59	12.492	1766	1769	1773	rVB	654967	579828	7.20%	0.758%
60	12.545	1773	1778	1781	rBV2	217358	259764	3.23%	0.340%
61	12.639	1786	1794	1798	rBV2	3046163	4244214	52.73%	5.547%
62	12.680	1798	1801	1808	rVB4	237823	309217	3.84%	0.404%
63	12.745	1808	1812	1814	rBV	292104	267154	3.32%	0.349%
64	12.786	1817	1819	1823	rVB	216296	187607	2.33%	0.245%
65	12.845	1823	1829	1832	rBV3	230112	400319	4.97%	0.523%
66	12.927	1840	1843	1845	rVV2	232568	276284	3.43%	0.361%
67	12.957	1845	1848	1851	rVB	685181	625741	7.77%	0.818%
68	13.021	1855	1859	1861	rVV2	741052	656279	8.15%	0.858%
69	13.057	1861	1865	1869	rVV2	361093	442364	5.50%	0.578%
70	13.121	1872	1876	1879	rVV2	299256	344329	4.28%	0.450%
71	13.151	1879	1881	1883	rVV	192039	175541	2.18%	0.229%

LSC Area Percent Report

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Operator : SJ/JU
Sample : I5151-05 50X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI2-5

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

72	13.180	1883	1886	1893	rVB2	224978	289143	3.59%	0.378%
73	13.433	1926	1929	1933	rBV2	126013	167279	2.08%	0.219%
74	13.568	1947	1952	1954	rBV	156439	178444	2.22%	0.233%
75	13.598	1954	1957	1959	rBV	250388	195097	2.42%	0.255%
76	13.621	1959	1961	1963	rBV	204352	176041	2.19%	0.230%
77	13.815	1987	1994	1998	rBV2	1734115	2865049	35.60%	3.745%
78	13.851	1998	2000	2003	rVB	1375876	1113417	13.83%	1.455%
79	13.927	2010	2013	2016	rBV	490784	384705	4.78%	0.503%
80	14.015	2025	2028	2030	rVV	174301	150934	1.88%	0.197%
81	14.051	2032	2034	2037	rVB	185914	144652	1.80%	0.189%
82	14.168	2051	2054	2056	rVV2	166044	196981	2.45%	0.257%
83	14.210	2056	2061	2064	rVV	354943	446243	5.54%	0.583%
84	14.239	2064	2066	2069	rVV	154620	144917	1.80%	0.189%
85	14.304	2071	2077	2079	rVV2	212287	283997	3.53%	0.371%
86	14.333	2079	2082	2083	rVV	158576	154954	1.93%	0.203%
87	14.351	2083	2085	2092	rVV2	237825	306094	3.80%	0.400%
88	14.686	2139	2142	2148	rBV	113998	142445	1.77%	0.186%
89	14.839	2162	2168	2170	rBV	1093100	1698311	21.10%	2.220%
90	14.933	2180	2184	2188	rVB	337907	346285	4.30%	0.453%
91	15.115	2210	2215	2220	rVB	612632	847606	10.53%	1.108%
92	15.174	2220	2225	2229	rVV	1112762	1340726	16.66%	1.752%
93	15.227	2229	2234	2237	rVV	460509	604139	7.51%	0.790%
94	15.257	2237	2239	2245	rVB	401300	439745	5.46%	0.575%
95	15.415	2263	2266	2274	rVB5	90739	206607	2.57%	0.270%
96	16.574	2456	2463	2469	rVB2	401247	721901	8.97%	0.944%
97	16.727	2483	2489	2493	rBV2	84254	155837	1.94%	0.204%
98	16.980	2525	2532	2540	rBV	296041	603569	7.50%	0.789%
99	17.192	2562	2568	2577	rVB	146880	286044	3.55%	0.374%
100	19.021	2870	2879	2889	rVB	57886	185438	2.30%	0.242%

Sum of corrected areas: 76508818

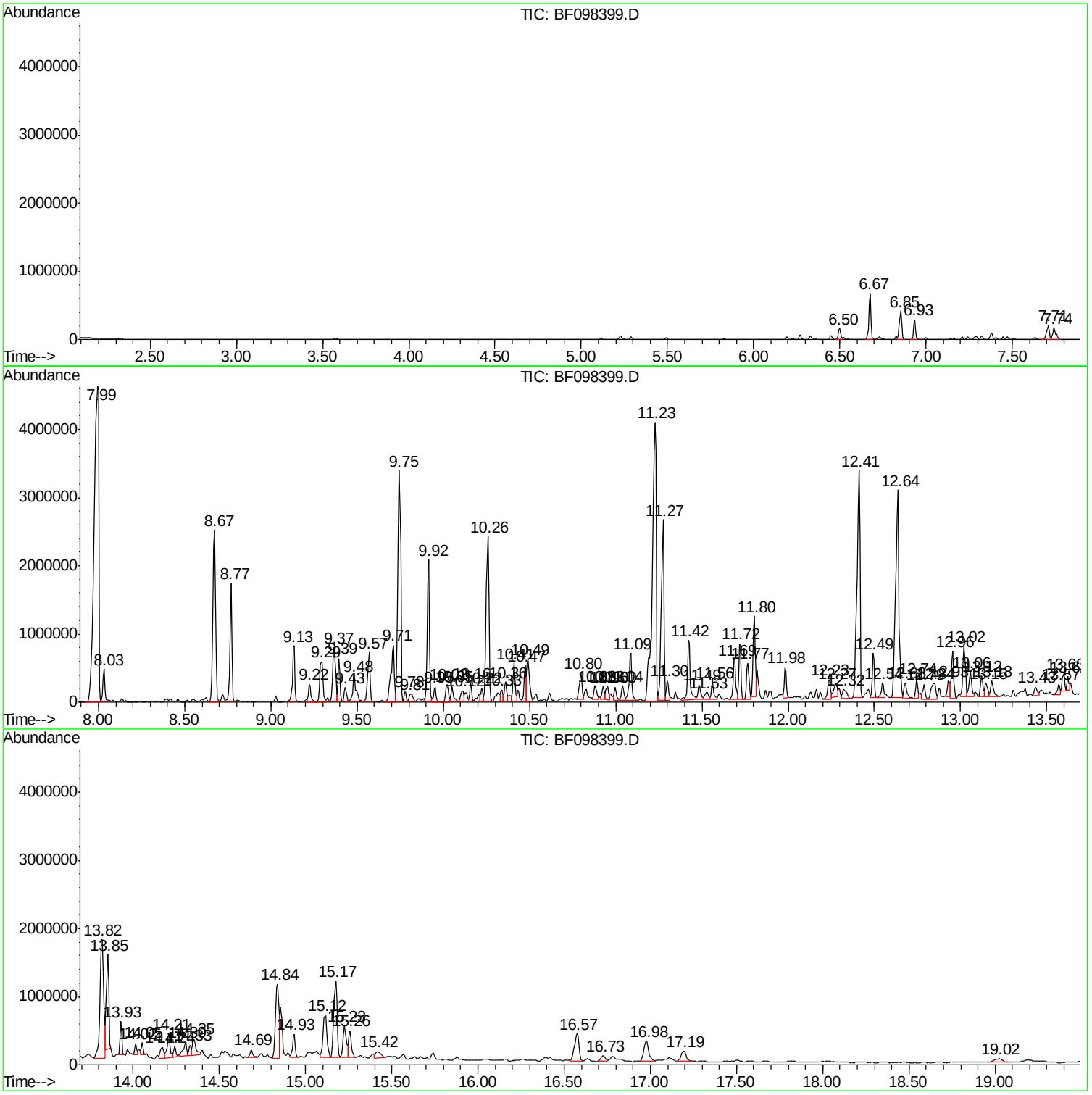
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090917\
Data File : BF098399.D
Acq On : 9 Sep 2017 21:26
Operator : SJ/JU
Sample : I5151-05 50X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI2-5

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



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090917\
Data File : BF098399.D
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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

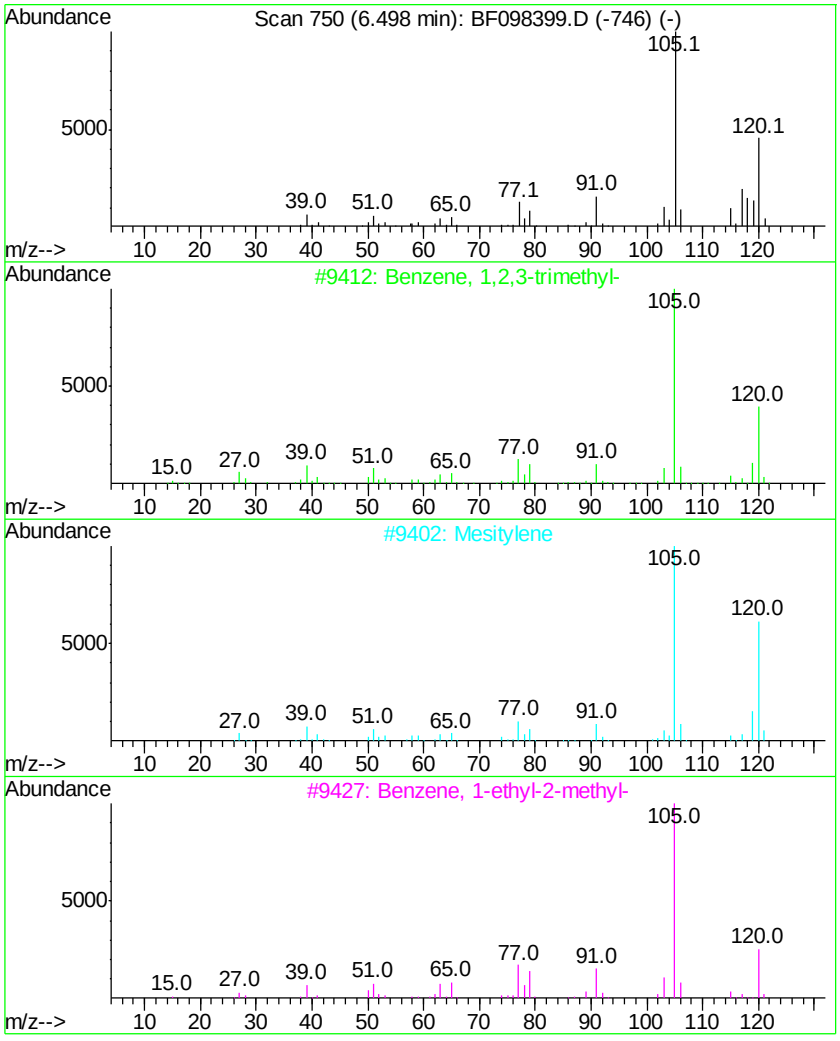
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

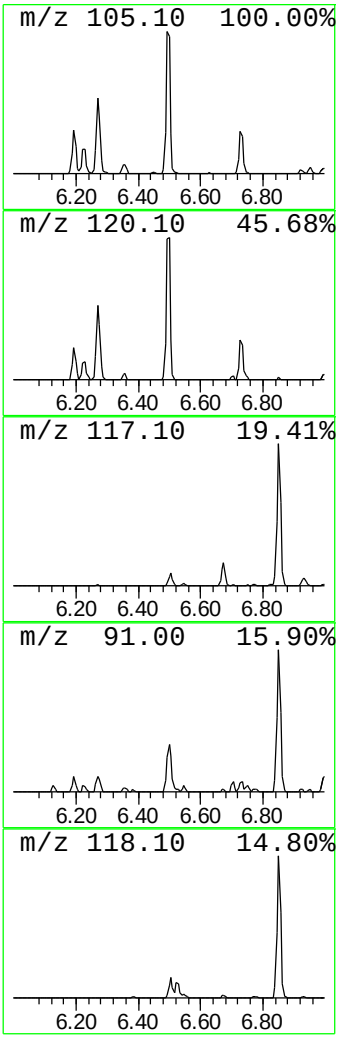
****

Peak Number 1 Benzene, 1,2,3-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	5.90 ng	171014	1,4-Dichlorobenzene-d4	6.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
2	Mesitylene	120	C9H12	000108-67-8	92
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	70
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	70





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090917\
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Acq On : 9 Sep 2017 21:26
Operator : SJ/JU
Sample : I5151-05 50X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI2-5

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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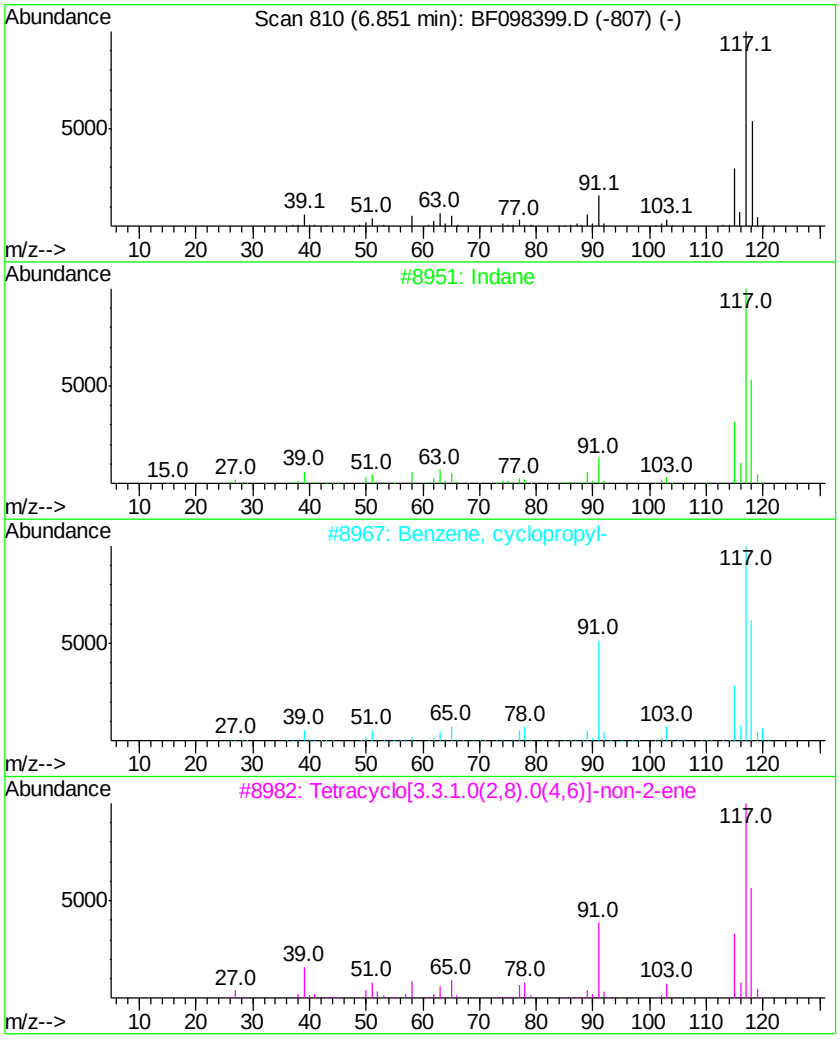
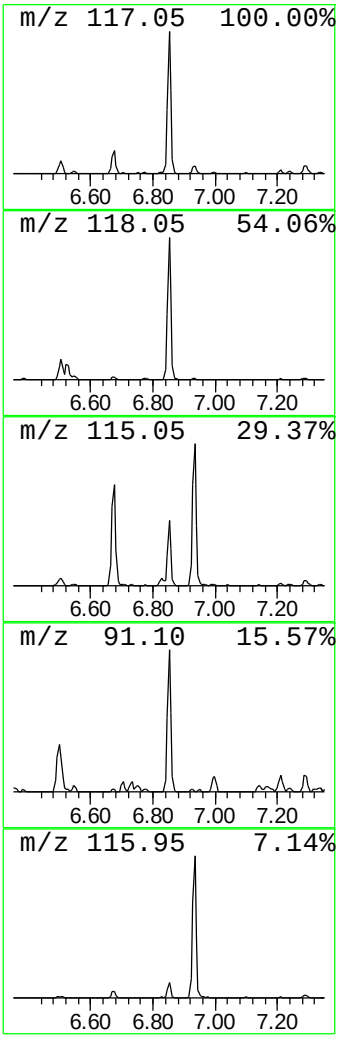
Peak Number 2 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.85	11.35 ng	328606	1,4-Dichlorobenzene-d4	6.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	83
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
4	Deltacyclene	118	C9H10	007785-10-6	72
5	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59





Library Search Compound Report

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ClientSampleId : NYSEG-PH4-ESMI2-5

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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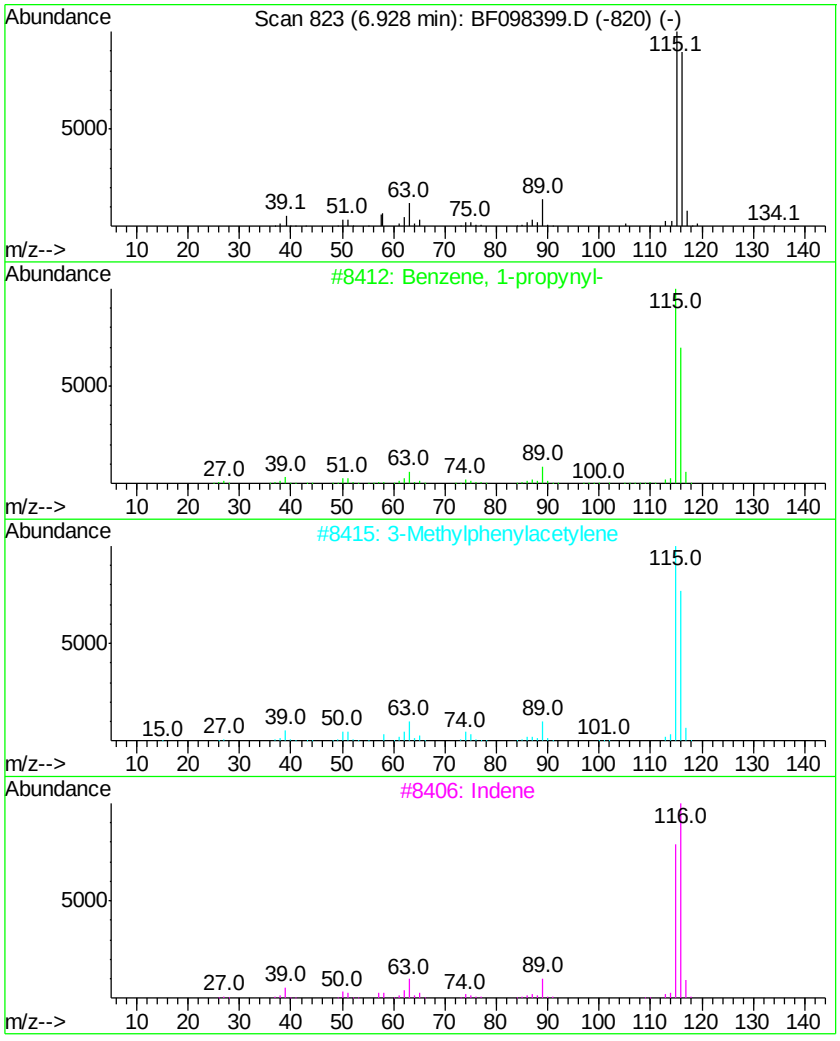
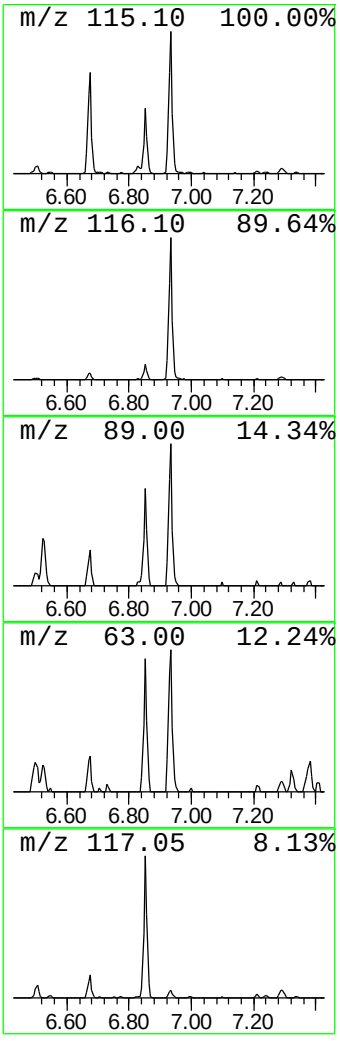
Peak Number 3 Benzene, 1-propynyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.93	8.67 ng	251163	1,4-Dichlorobenzene-d4	6.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
2	3-Methylphenylacetylene	116	C9H8	000766-82-5	94
3	Indene	116	C9H8	000095-13-6	94
4	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
5	2-Methylphenylacetylene	116	C9H8	000766-47-2	91





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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI2-5

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

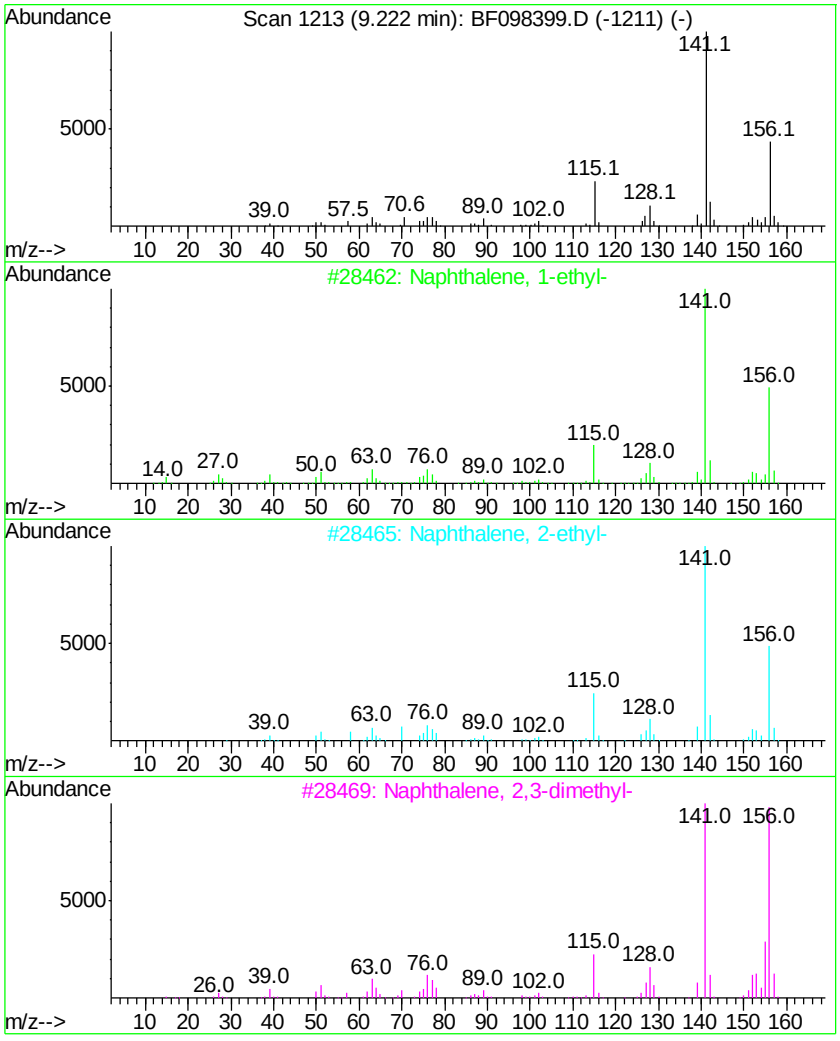
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

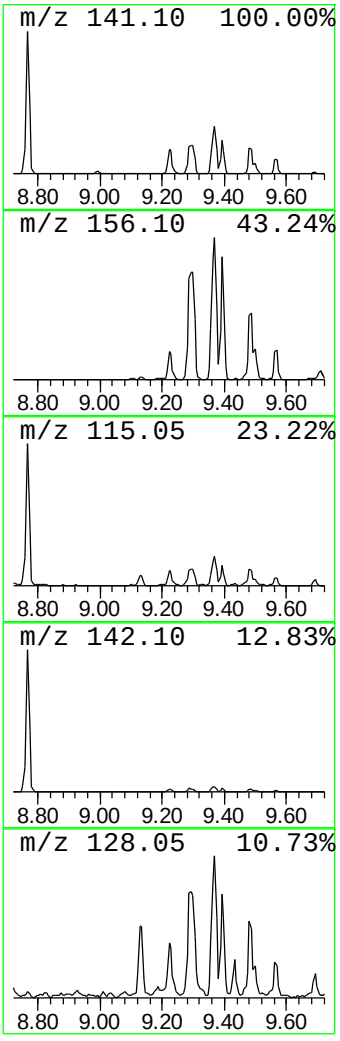
****

Peak Number 4 Naphthalene, 1-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	4.79 ng	267393	Acenaphthene-d10	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	64
4	2-Amino-4-tertbutylthiazole	156	C7H12N2S	074370-93-7	59
5	3',4'-Difluoroacetophenone	156	C8H6F2O	000369-33-5	53





Library Search Compound Report

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Data File : BF098399.D
Acq On : 9 Sep 2017 21:26
Operator : SJ/JU
Sample : I5151-05 50X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI2-5

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

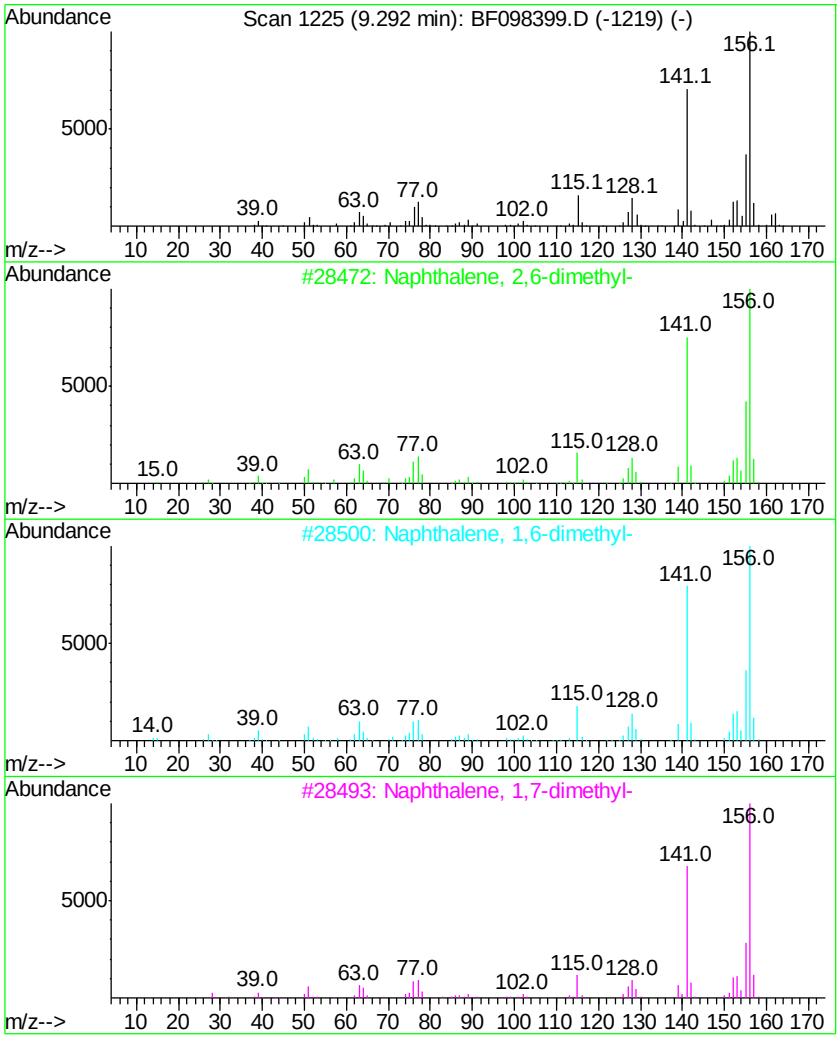
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

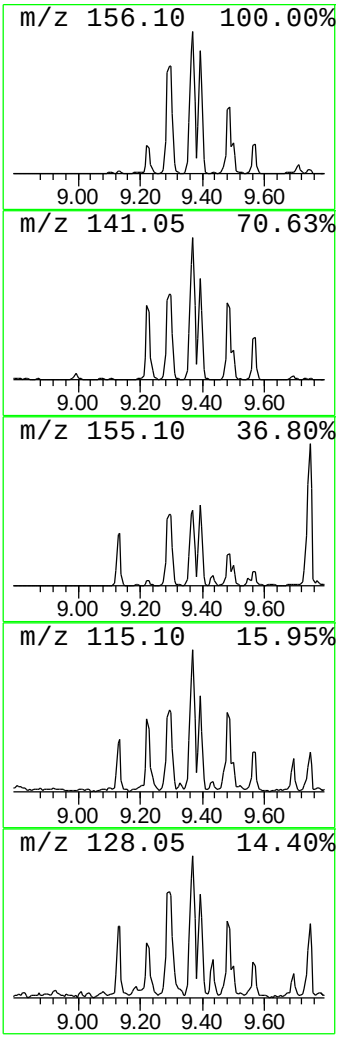
****

Peak Number 5 Naphthalene, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	14.92 ng	832802	Acenaphthene-d10	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





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Operator : SJ/JU
Sample : I5151-05 50X
Misc :
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ClientSampleId : NYSEG-PH4-ESMI2-5

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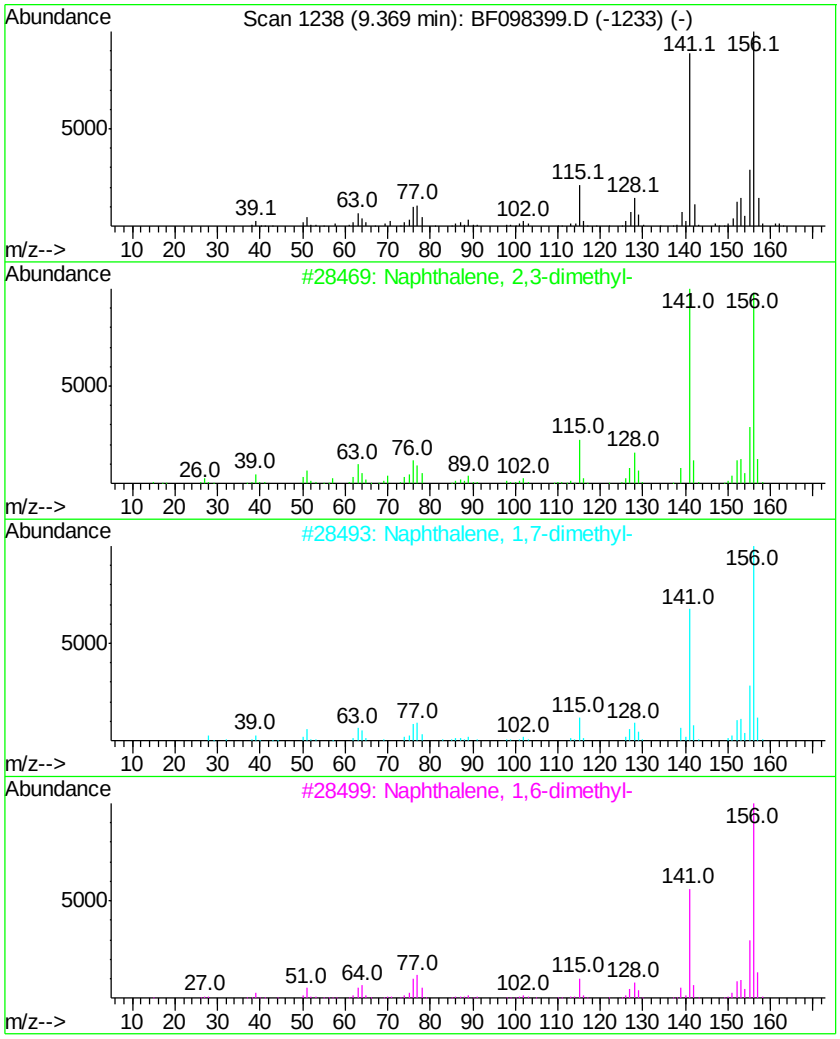
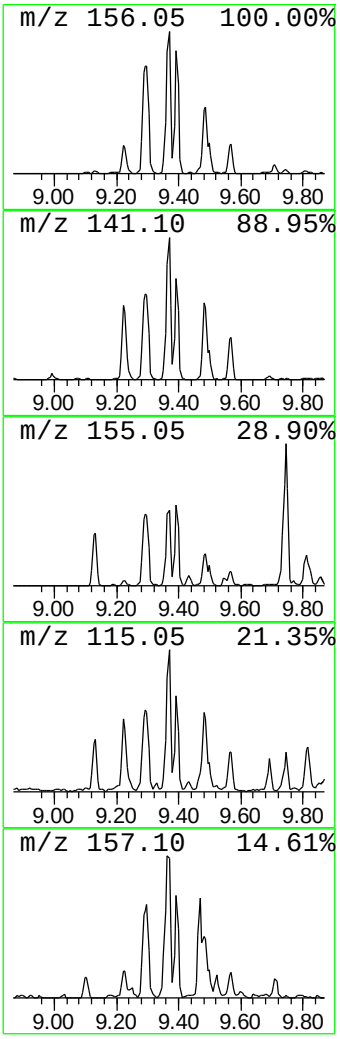
Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	14.61 ng	815554	Acenaphthene-d10	9.71

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





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Misc :
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Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI2-5

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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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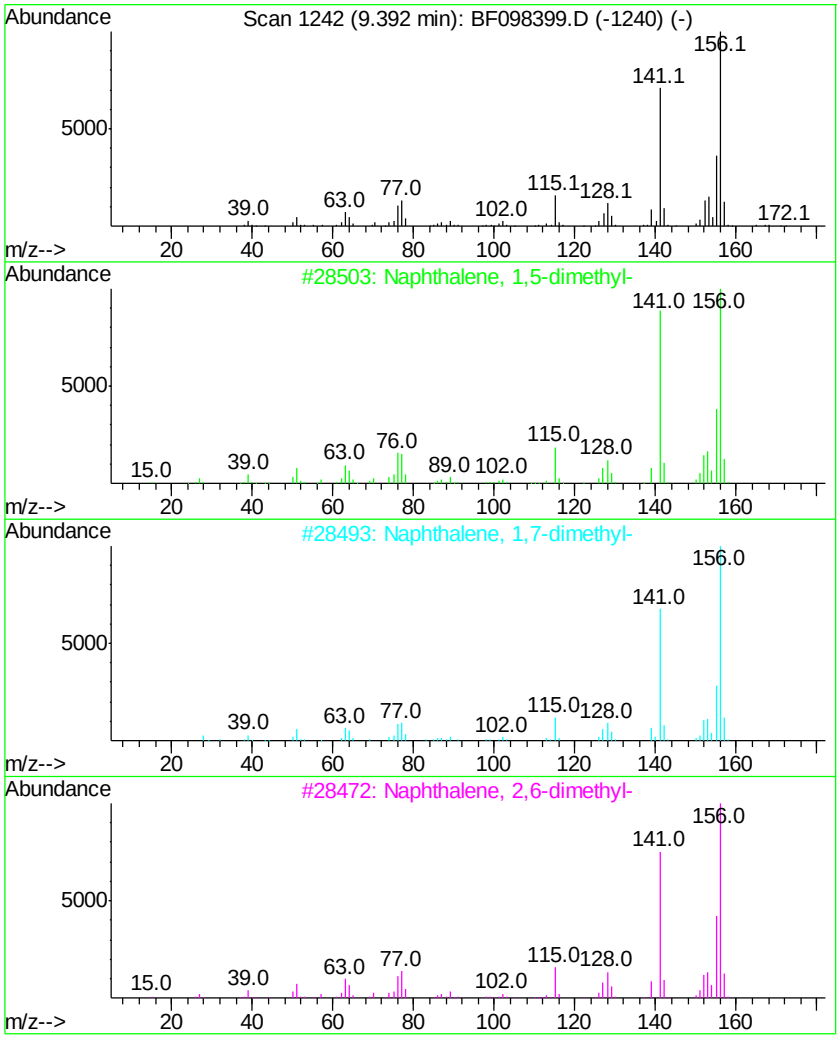
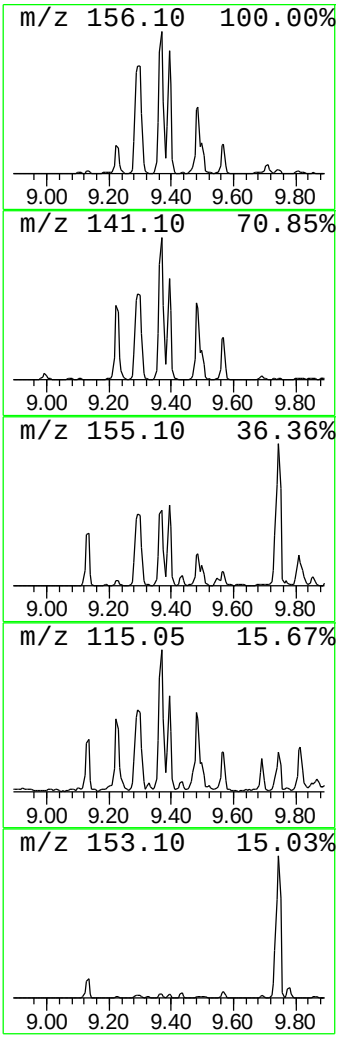
Peak Number 7 Naphthalene, 1,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	9.23 ng	515018	Acenaphthene-d10	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





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Misc :
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Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI2-5

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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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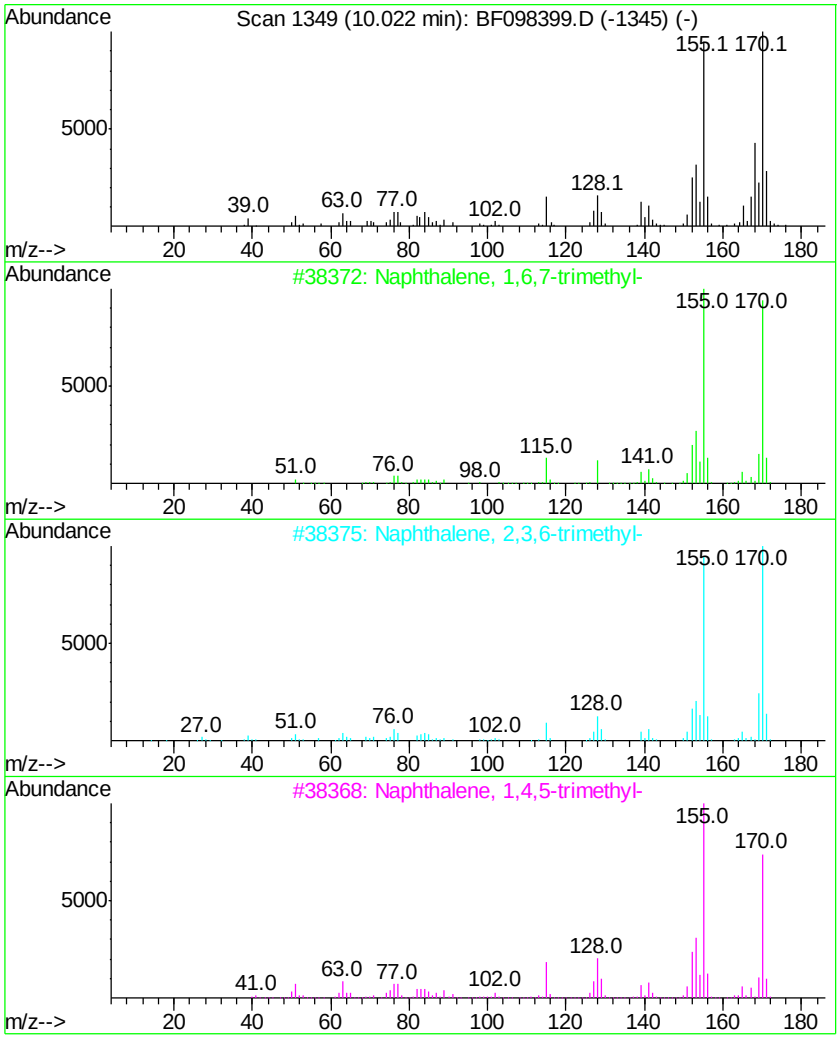
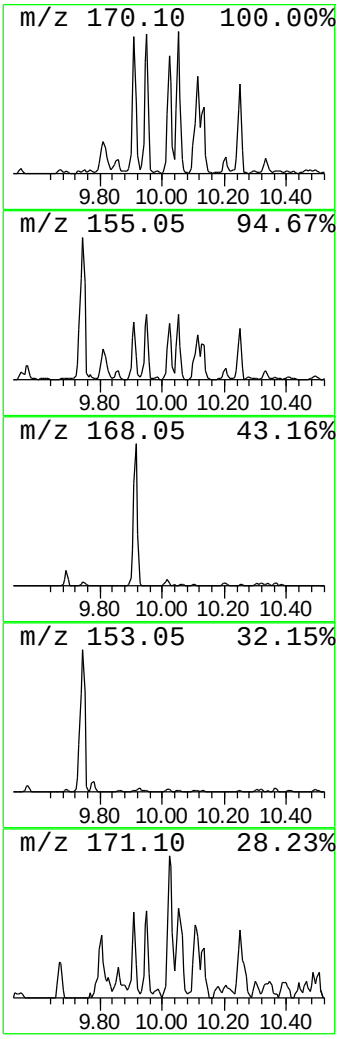
Peak Number 9 Naphthalene, 1,6,7-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	5.74 ng	320225	Acenaphthene-d10	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	92
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	70
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	70





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Misc :
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Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI2-5

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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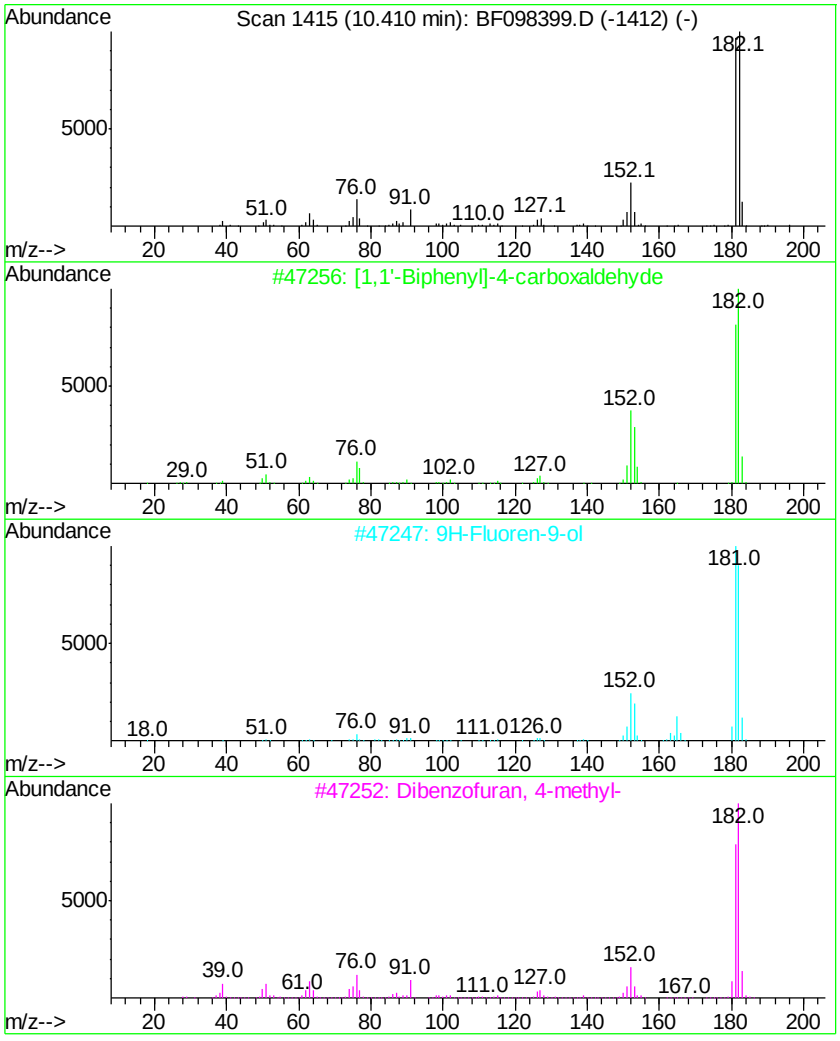
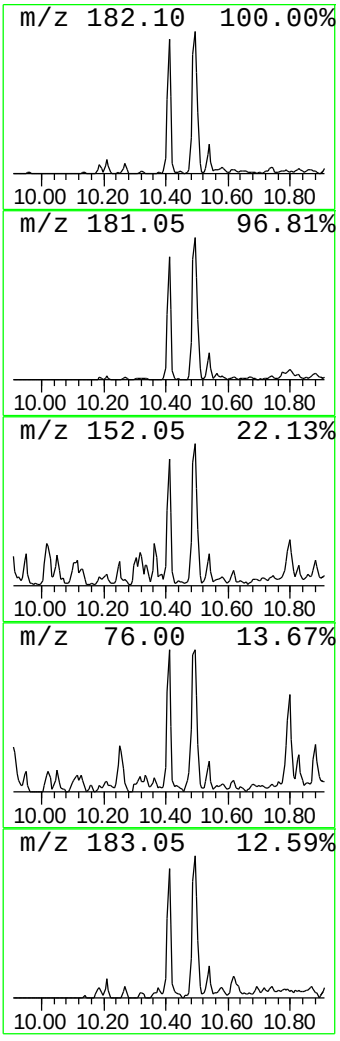
Peak Number 11 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.41	9.52 ng	531370	Acenaphthene-d10	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	76
4	Norharmane, N-methyl-	182	C12H10N2	1000374-78-6	72
5	2-Hydroxyfluorene	182	C13H10O	002443-58-5	68





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Misc :
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Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI2-5

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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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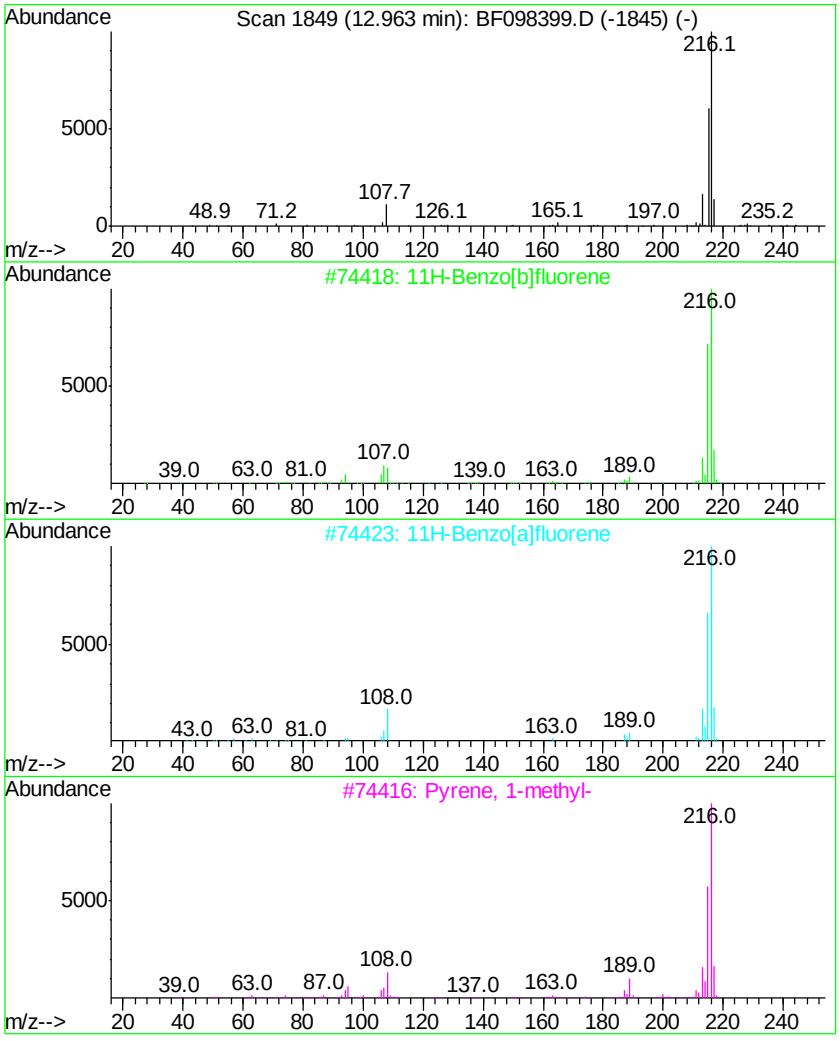
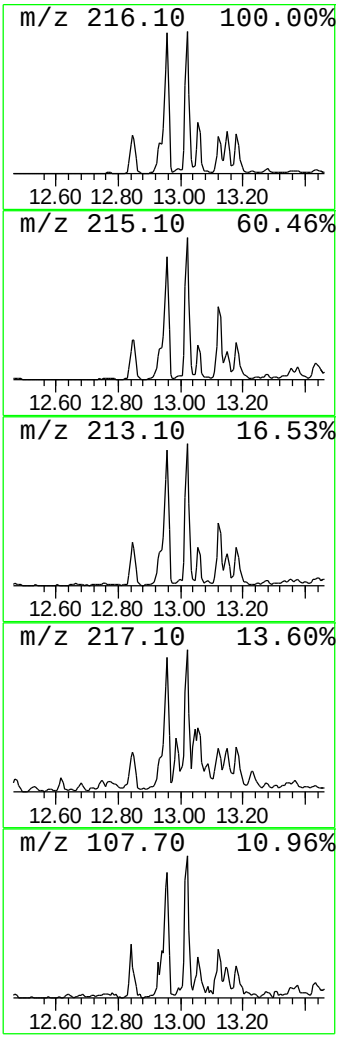
Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	4.37 ng	625741	Chrysene-d12	13.83

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	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	80
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	64





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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI2-5

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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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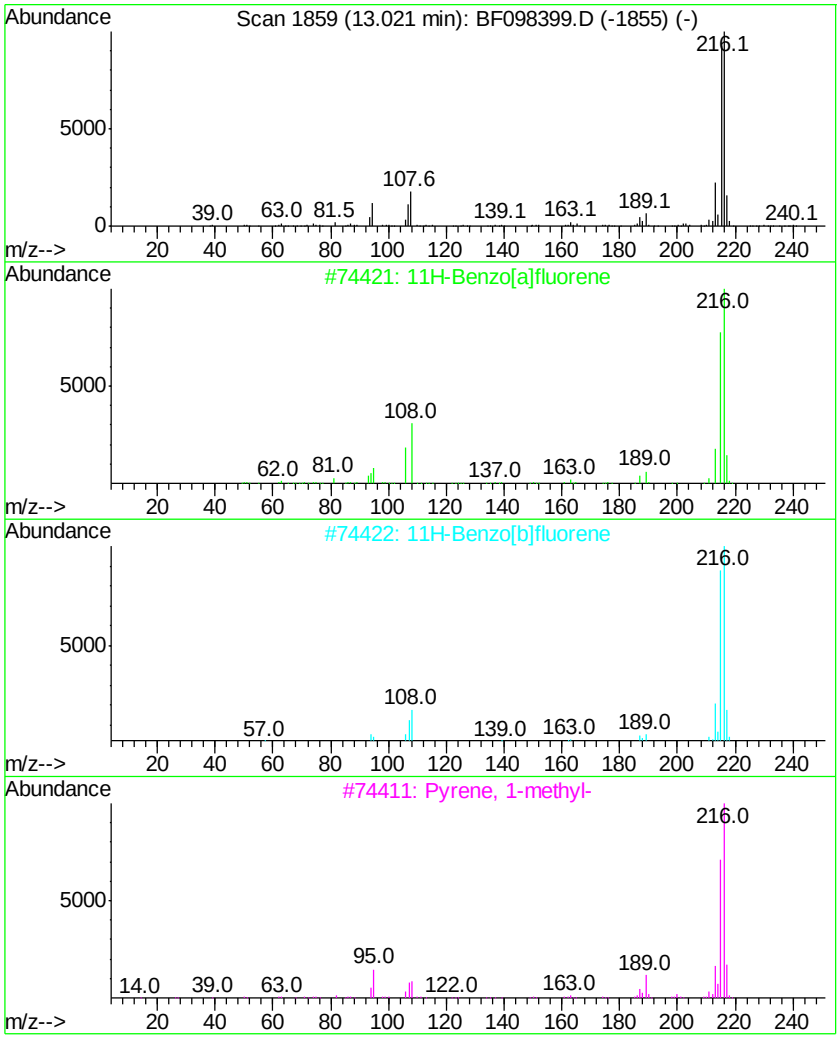
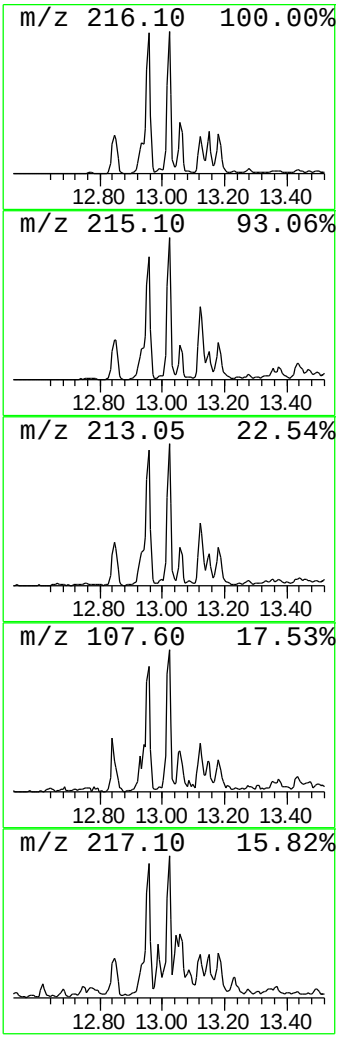
Peak Number 13 11H-Benzo[a]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	4.58 ng	656279	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70





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Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI2-5

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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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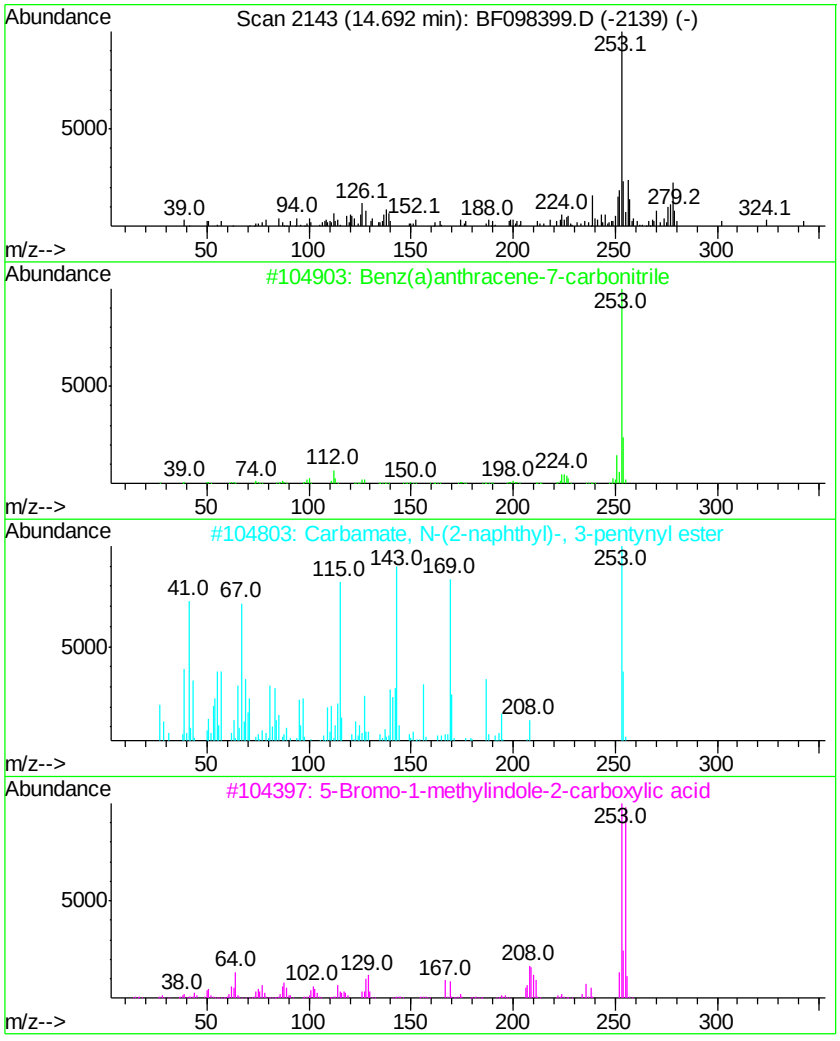
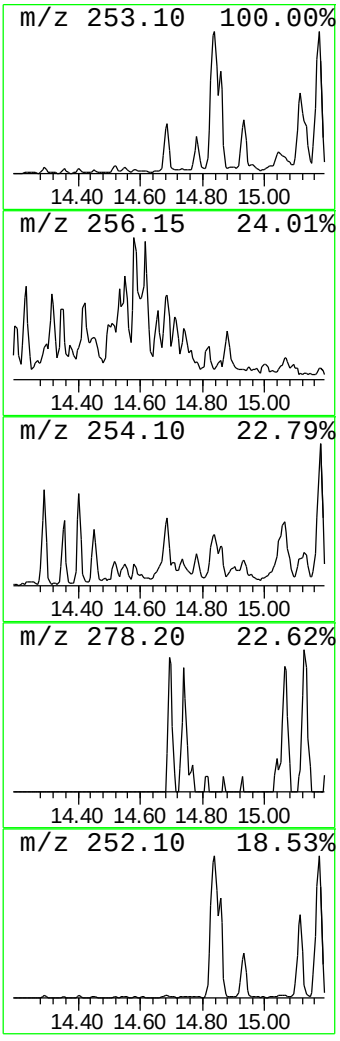
Peak Number 14 Benz(a)anthracene-7-carboni... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	4.72 ng	142445	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	64
2	Carbamate, N-(2-naphthyl)-, 3-pe...	253	C16H15NO2	1000197-96-0	46
3	5-Bromo-1-methylindole-2-carboxy...	253	C10H8BrNO2	090766-47-5	42
4	1,1'-Binaphthalene	254	C20H14	000604-53-5	42
5	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	40





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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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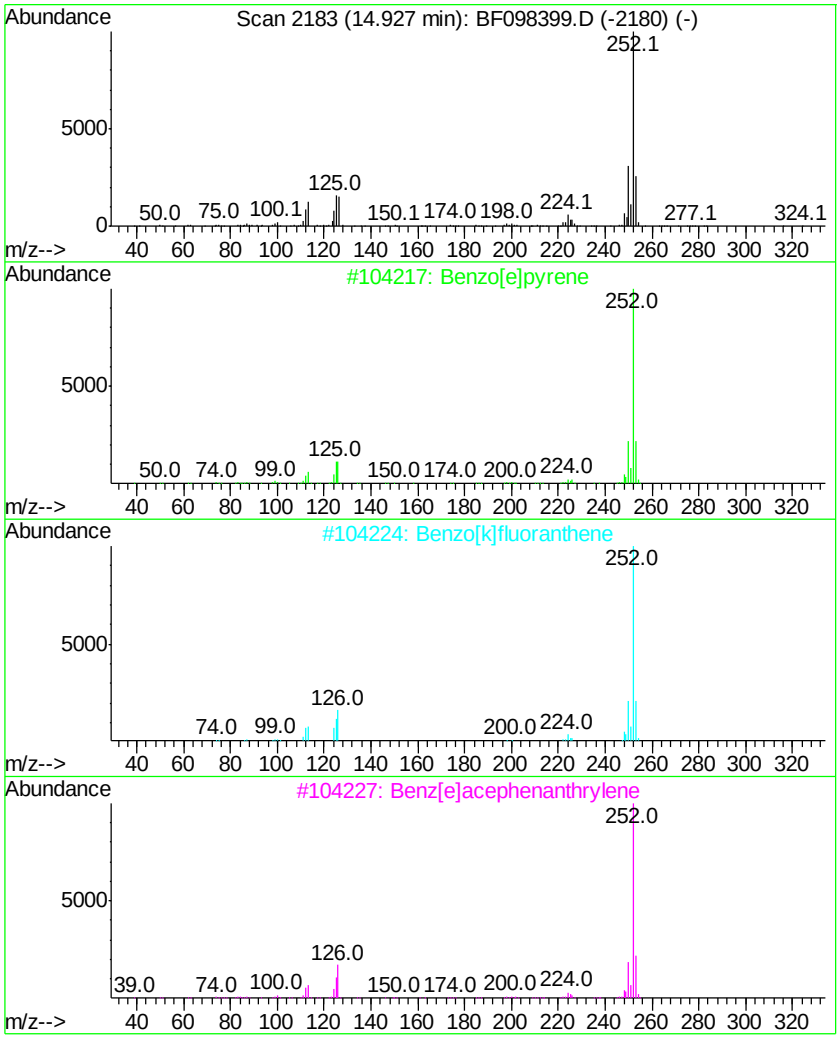
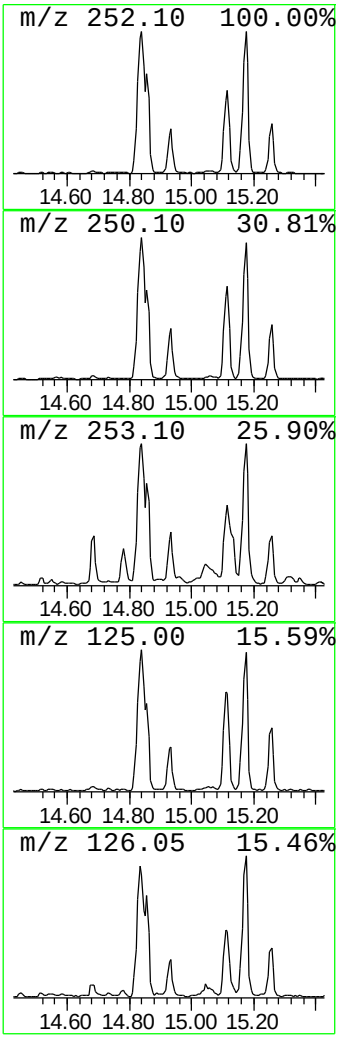
Peak Number 15 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	11.46 ng	346285	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Perylene	252	C20H12	000198-55-0	89





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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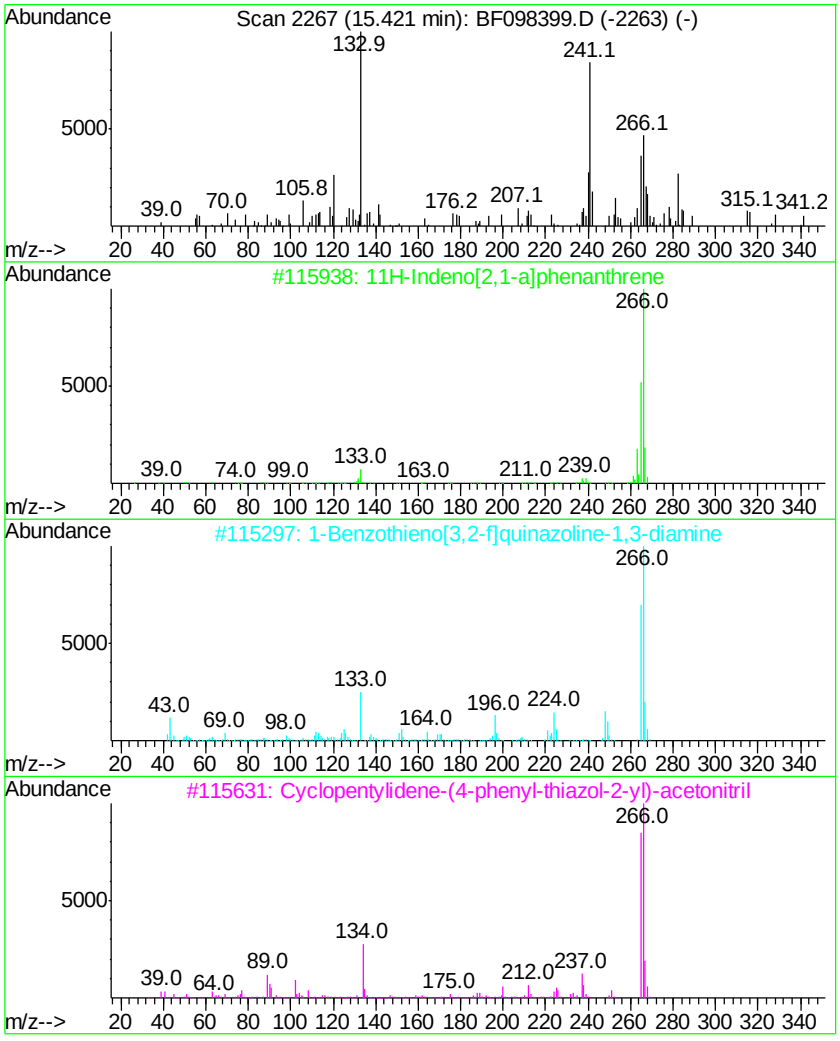
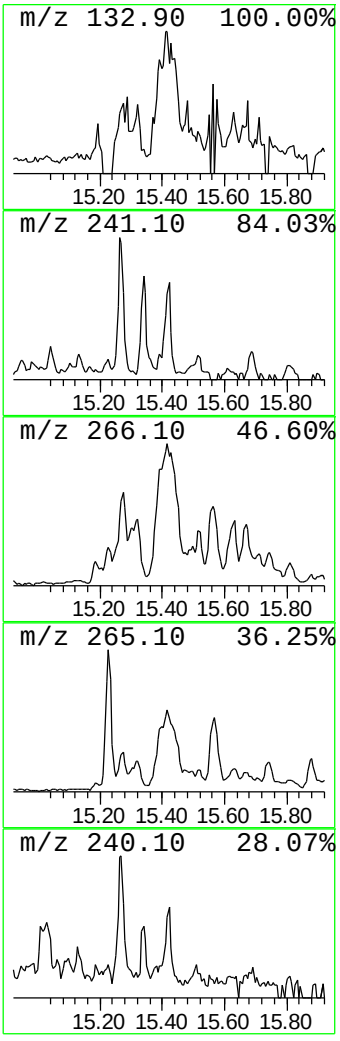
Peak Number 17 11H-Indeno[2,1-a]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	6.84 ng	206607	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	50
2	1-Benzothieno[3,2-f]quinazoline-...	266	C14H10N4S	065642-92-4	45
3	Cyclopentylidene-(4-phenyl-thiaz...	266	C16H14N2S	1000300-05-0	45
4	13H-Dibenzo[a,h]fluorene	266	C21H14	000239-85-0	43
5	1-Methyl-4-oxy-5-phenyl-1,3-dihy...	266	C16H14N2O2	1000286-08-5	38





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

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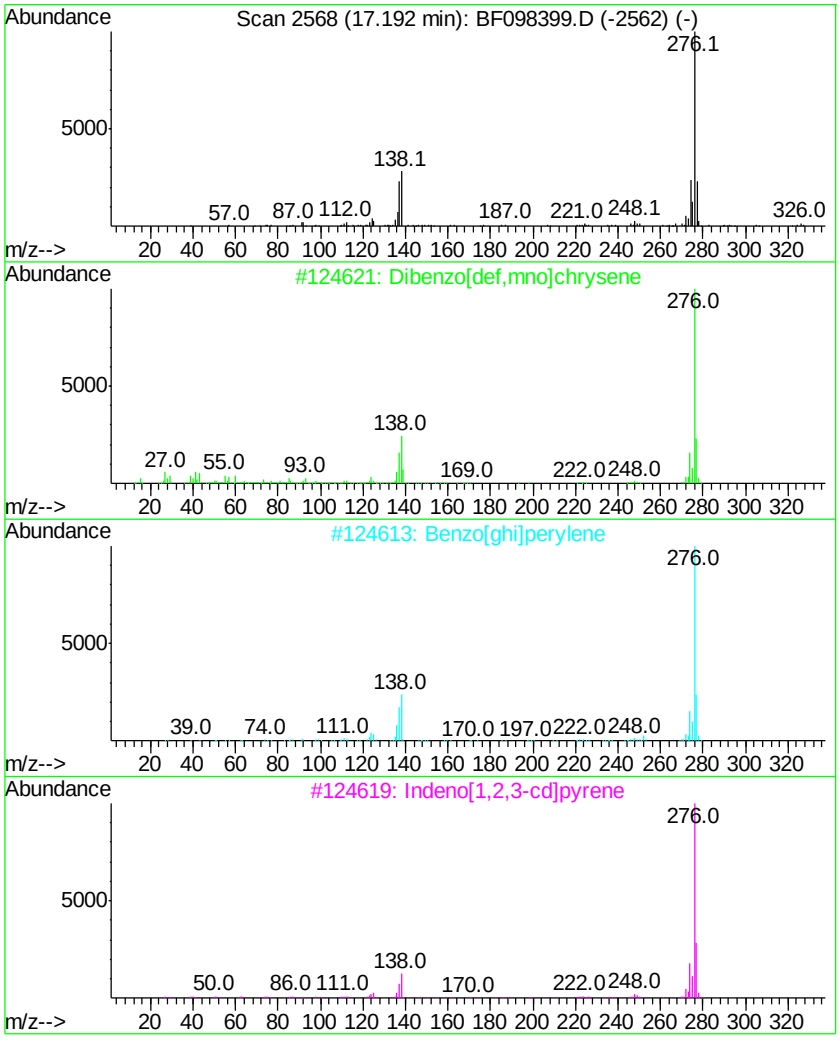
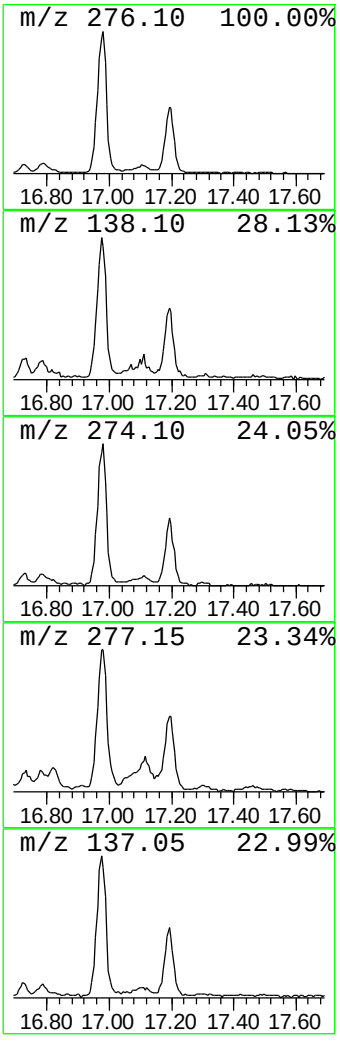
Peak Number 19 Dibenzo[def,mno]chrysene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.19	9.47 ng	286044	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	96
2	Benzo[ghi]perylene	276	C22H12	000191-24-2	96
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	96
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	64
5	Naphthalen-1-yl-(3-nitro-benzyli...	276	C17H12N2O2	200421-53-0	47





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

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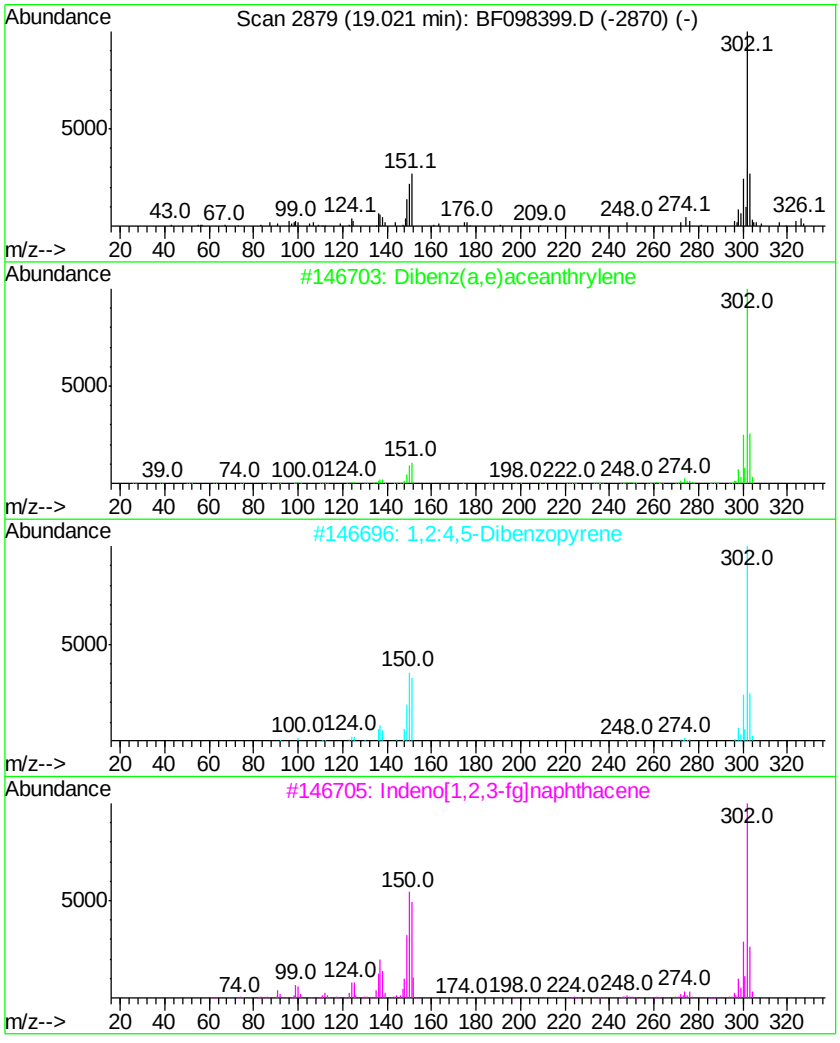
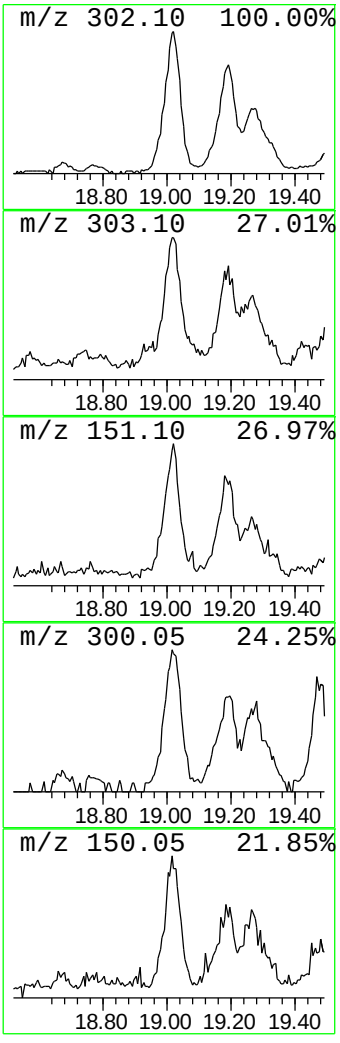
Peak Number 20 Dibenz(a,e)aceanthrylene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.02	6.14 ng	185438	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	97
2	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	96
3	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	96
4	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	93
5	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	90





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF090917\
Data File : BF098399.D
Acq On : 9 Sep 2017 21:26
Operator : SJ/JU
Sample : I5151-05 50X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI2-5

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1,2,3-tr...	6.50	5.9	ng	171014	1	6.67	579233	20.0
Indane	6.85	11.4	ng	328606	1	6.67	579233	20.0
Benzene, 1-propynyl-	6.93	8.7	ng	251163	1	6.67	579233	20.0
Naphthalene, 1-et...	9.22	4.8	ng	267393	3	9.71	1116530	20.0
Naphthalene, 2,6-...	9.29	14.9	ng	832802	3	9.71	1116530	20.0
Naphthalene, 2,3-...	9.37	14.6	ng	815554	3	9.71	1116530	20.0
Naphthalene, 1,5-...	9.39	9.2	ng	515018	3	9.71	1116530	20.0
Naphthalene, 1,6,...	10.02	5.7	ng	320225	3	9.71	1116530	20.0
[1,1'-Biphenyl]-4...	10.41	9.5	ng	531370	3	9.71	1116530	20.0
11H-Benzo[b]fluorene	12.96	4.4	ng	625741	5	13.83	2865050	20.0
11H-Benzo[a]fluorene	13.02	4.6	ng	656279	5	13.83	2865050	20.0
Benz(a)anthracene...	14.69	4.7	ng	142445	6	15.23	604139	20.0
Benzo[e]pyrene	14.93	11.5	ng	346285	6	15.23	604139	20.0
11H-Indeno[2,1-a]...	15.42	6.8	ng	206607	6	15.23	604139	20.0
Dibenzo[def,mno]c...	17.19	9.5	ng	286044	6	15.23	604139	20.0
Dibenz(a,e)aceant...	19.02	6.1	ng	185438	6	15.23	604139	20.0