LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090917\
Data File : BF098400.D
Acq On : 9 Sep 2017 21:54
Operator : SJ/JU
Sample : I5151-06 50X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI2-6

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	211230	214924	2.22%	0.265%
2	6.675	776	780	783	rBV	703144	593509	6.12%	0.731%
3	6.851	807	810	814	rVB	417300	328952	3.39%	0.405%
4	6.934	820	824	827	rBV	379434	315713	3.26%	0.389%
5	7.381	895	900	903	rBV	125045	139882	1.44%	0.172%
6	7.710	948	956	959	rBV3	261998	312643	3.22%	0.385%
7	7.739	959	961	967	rVB	223977	261299	2.70%	0.322%
8	7.998	992	1005	1008	rBV	4928297	9695414	100.00%	11.937%
9	8.033	1008	1011	1014	rVB	637788	477077	4.92%	0.587%
10	8.675	1114	1120	1123	rBV	3003218	2916333	30.08%	3.591%
11	8.769	1130	1136	1139	rVB	1895668	1679902	17.33%	2.068%
12	9.128	1190	1197	1201	rBV	915738	865167	8.92%	1.065%
13	9.222	1211	1213	1219	rVB	253154	271978	2.81%	0.335%
14	9.298	1219	1226	1229	rBV	627165	889478	9.17%	1.095%
15	9.369	1233	1238	1240	rBV	860657	887901	9.16%	1.093%
16	9.392	1240	1242	1246	rVB	687823	551314	5.69%	0.679%
17	9.433	1246	1249	1252	rVB	235971	186929	1.93%	0.230%
18	9.486	1252	1258	1263	rBV2	380523	517990	5.34%	0.638%
19	9.569	1266	1272	1275	rBV	867871	776122	8.01%	0.956%
20	9.710	1287	1296	1298	rBV2	792885	1112718	11.48%	1.370%
21	9.745	1298	1302	1305	rVV	3419681	3571515	36.84%	4.397%
22	9.775	1305	1307	1310	rVV	168208	159591	1.65%	0.196%
23	9.916	1324	1331	1334	rVV	2254181	2128674	21.96%	2.621%
24	9.951	1334	1337	1340	rVV	209202	192082	1.98%	0.236%
25	10.022	1344	1349	1352	rBV2	260611	342083	3.53%	0.421%
26	10.051	1352	1354	1359	rVB3	217604	207166	2.14%	0.255%
27	10.116	1359	1365	1366	rBV2	152678	216043	2.23%	0.266%
28	10.157	1370	1372	1375	rVV	309443	221486	2.28%	0.273%
29	10.222	1381	1383	1385	rVV	201783	180561	1.86%	0.222%
30	10.257	1385	1389	1394	rVB	2426280	2431722	25.08%	2.994%
31	10.333	1401	1402	1404	rVV2	180878	152369	1.57%	0.188%
32	10.363	1404	1407	1409	rVV2	278305	297320	3.07%	0.366%
33	10.410	1412	1415	1417	rVV	592938	521827	5.38%	0.642%
34	10.433	1417	1419	1422	rVV	180317	157792	1.63%	0.194%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090917\
Data File : BF098400.D
Acq On : 9 Sep 2017 21:54
Operator : SJ/JU
Sample : I5151-06 50X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI2-6

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	10.474	1422	1426	1427	rVV	499866	464344	4.79%	0.572%
36	10.492	1427	1429	1433	rVV	622025	681028	7.02%	0.838%
37	10.798	1476	1481	1484	rBV2	404023	466503	4.81%	0.574%
38	10.880	1492	1495	1498	rVV	210607	196415	2.03%	0.242%
39	10.927	1500	1503	1505	rVV	203480	214794	2.22%	0.264%
40	10.951	1505	1507	1508	rVV	188447	156216	1.61%	0.192%
41	10.998	1512	1515	1518	rVV2	188902	183103	1.89%	0.225%
42	11.039	1518	1522	1525	rVV	211796	238387	2.46%	0.294%
43	11.086	1525	1530	1536	rVB	694046	757297	7.81%	0.932%
44	11.227	1543	1554	1557	rBV2	4095944	6673946	68.84%	8.217%
45	11.274	1557	1562	1564	rVV	2418352	2215693	22.85%	2.728%
46	11.298	1564	1566	1572	rVB2	224714	207294	2.14%	0.255%
47	11.421	1580	1587	1590	rBV	909203	891484	9.19%	1.098%
48	11.486	1594	1598	1602	rVB3	196725	212045	2.19%	0.261%
49	11.563	1608	1611	1614	rBV	284246	240879	2.48%	0.297%
50	11.686	1626	1632	1635	rBV	611997	639127	6.59%	0.787%
51	11.716	1635	1637	1642	rVB	829672	761784	7.86%	0.938%
52	11.769	1642	1646	1648	rBV	465885	452222	4.66%	0.557%
53	11.804	1648	1652	1654	rBV	1136118	1186214	12.23%	1.460%
54	11.980	1680	1682	1686	rVB	438698	389214	4.01%	0.479%
55	12.233	1720	1725	1728	rBV2	288278	370375	3.82%	0.456%
56	12.274	1728	1732	1734	rVV2	216623	277089	2.86%	0.341%
57	12.321	1738	1740	1746	rVB2	123880	190547	1.97%	0.235%
58	12.410	1749	1755	1758	rVV	3399716	4058109	41.86%	4.996%
59	12.492	1766	1769	1772	rVB	697368	605000	6.24%	0.745%
60	12.545	1772	1778	1781	rBV2	225777	283703	2.93%	0.349%
61	12.639	1786	1794	1798	rBV2	3014698	4328629	44.65%	5.329%
62	12.674	1798	1800	1808	rVB4	238857	305830	3.15%	0.377%
63	12.745	1808	1812	1815	rBV	312854	291542	3.01%	0.359%
64	12.786	1817	1819	1823	rVB	223989	194632	2.01%	0.240%
65	12.845	1823	1829	1832	rBV3	233951	415165	4.28%	0.511%
66	12.927	1839	1843	1845	rVV3	254659	300076	3.10%	0.369%
67	12.957	1845	1848	1851	rVB	716657	649254	6.70%	0.799%
68	13.021	1855	1859	1861	rVV	787557	683552	7.05%	0.842%
69	13.057	1861	1865	1868	rVV	379585	439364	4.53%	0.541%
70	13.121	1872	1876	1879	rVV2	356335	396498	4.09%	0.488%
71	13.151	1879	1881	1883	rVV	196107	179072	1.85%	0.220%

LSC Area Percent Report

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Acq On : 9 Sep 2017 21:54
Operator : SJ/JU
Sample : I5151-06 50X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI2-6

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	217868	302987	3.13%	0.373%
73	13.433	1926	1929	1933	rBV2	134861	176891	1.82%	0.218%
74	13.598	1954	1957	1959	rBV	258637	200453	2.07%	0.247%
75	13.621	1959	1961	1963	rBV	216783	192477	1.99%	0.237%
76	13.821	1987	1995	1998	rBV2	1882421	2987817	30.82%	3.679%
77	13.851	1998	2000	2007	rVB	1454990	1482193	15.29%	1.825%
78	13.927	2010	2013	2018	rVV	541705	478436	4.93%	0.589%
79	14.015	2026	2028	2030	rVV	183575	161999	1.67%	0.199%
80	14.051	2032	2034	2037	rVB	200554	168703	1.74%	0.208%
81	14.168	2051	2054	2056	rVV2	192947	225377	2.32%	0.277%
82	14.210	2056	2061	2064	rVV	408557	517170	5.33%	0.637%
83	14.239	2064	2066	2069	rVV	186036	187345	1.93%	0.231%
84	14.304	2070	2077	2079	rVV2	250655	395064	4.07%	0.486%
85	14.333	2079	2082	2083	rVV	199824	199282	2.06%	0.245%
86	14.351	2083	2085	2092	rVV2	281713	484284	4.99%	0.596%
87	14.686	2139	2142	2148	rBV	120607	143371	1.48%	0.177%
88	14.839	2162	2168	2170	rBV	1176126	1734951	17.89%	2.136%
89	14.933	2181	2184	2188	rVB	388070	376699	3.89%	0.464%
90	15.115	2210	2215	2220	rVB	671156	906637	9.35%	1.116%
91	15.174	2220	2225	2229	rVV	1158971	1417667	14.62%	1.745%
92	15.227	2230	2234	2237	rVV	451887	612527	6.32%	0.754%
93	15.257	2237	2239	2245	rVB	439017	525565	5.42%	0.647%
94	15.415	2264	2266	2274	rVB5	100064	212887	2.20%	0.262%
95	16.574	2456	2463	2469	rBV2	412038	724498	7.47%	0.892%
96	16.633	2469	2473	2482	rVB2	84124	161123	1.66%	0.198%
97	16.727	2483	2489	2494	rBV2	87612	176068	1.82%	0.217%
98	16.980	2525	2532	2541	rBV	305148	613997	6.33%	0.756%
99	17.192	2562	2568	2575	rBV	148877	294230	3.03%	0.362%
100	19.027	2872	2880	2891	rVB3	58446	188177	1.94%	0.232%

Sum of corrected areas: 81220777

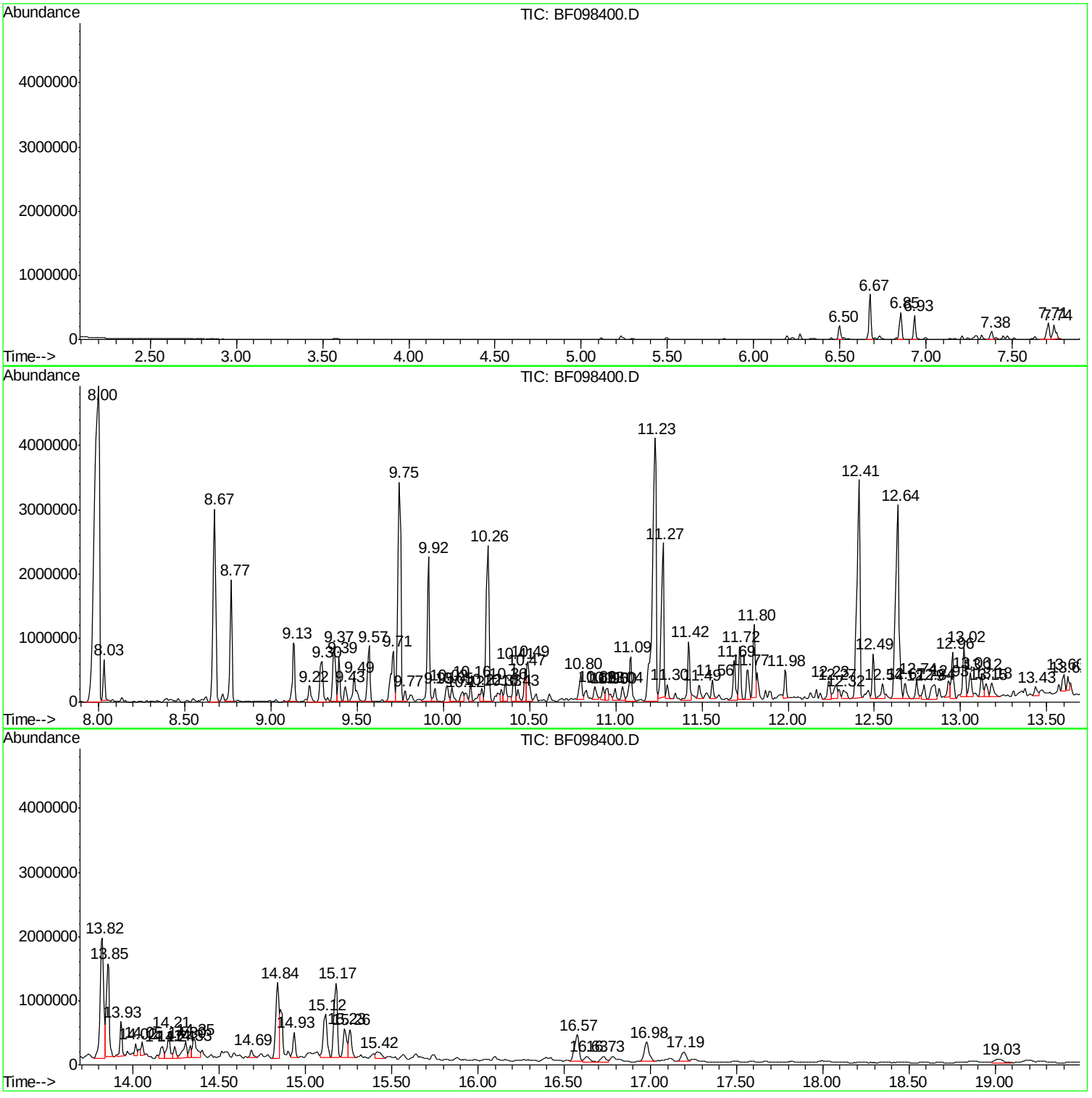
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090917\
Data File : BF098400.D
Acq On : 9 Sep 2017 21:54
Operator : SJ/JU
Sample : I5151-06 50X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-ESMI2-6

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 : BF098400.D
Acq On : 9 Sep 2017 21:54
Operator : SJ/JU
Sample : I5151-06 50X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI2-6

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

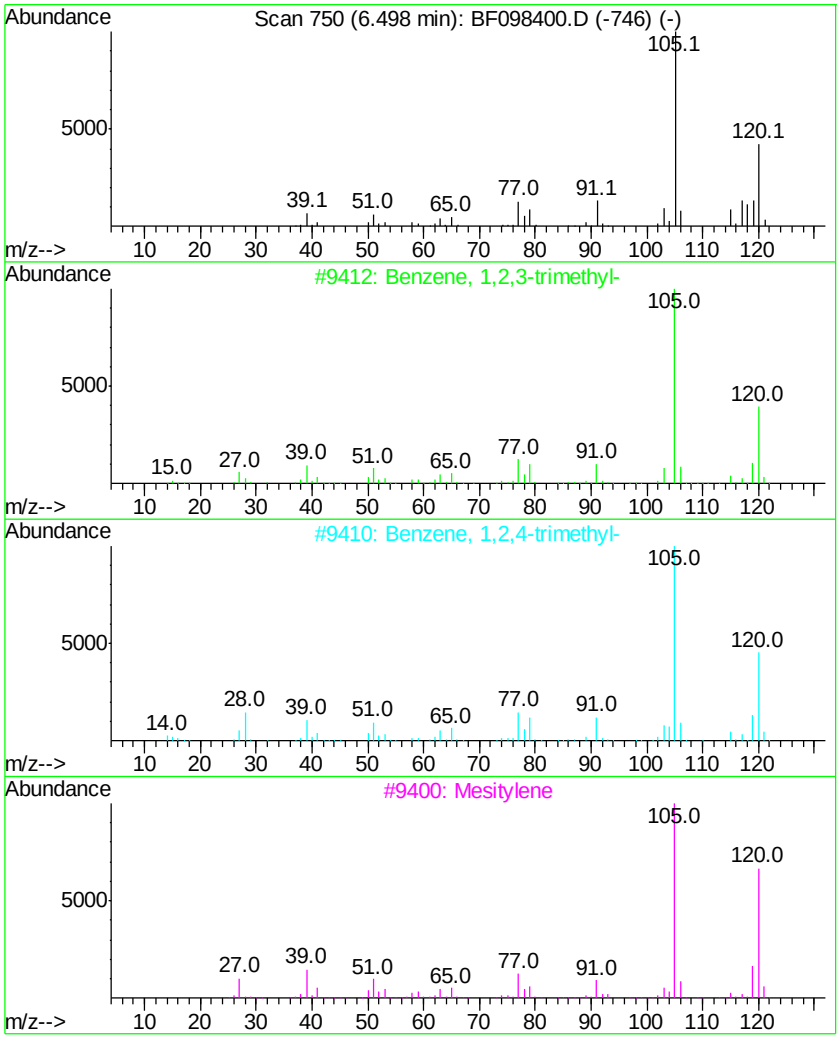
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

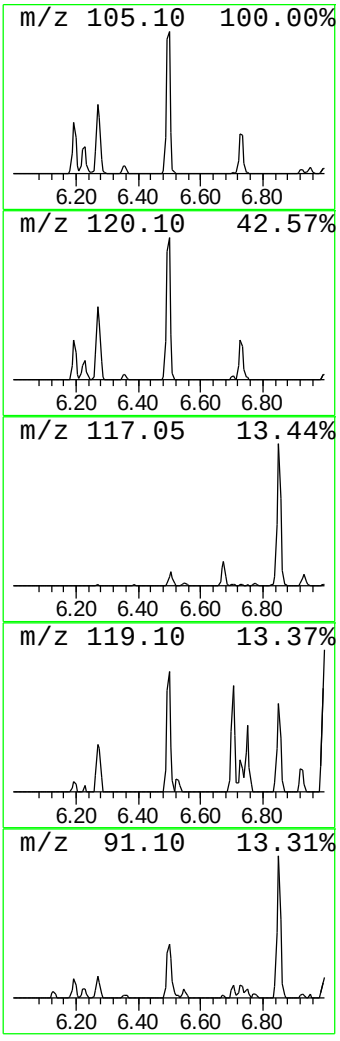
****

Peak Number 1 Benzene, 1,2,3-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	7.24 ng	214924	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	94
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	89
3	Mesitylene	120	C9H12	000108-67-8	76
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	76
5	2,4-Nonadiyne	120	C9H12	063621-15-8	70





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090917\
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Operator : SJ/JU
Sample : I5151-06 50X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI2-6

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

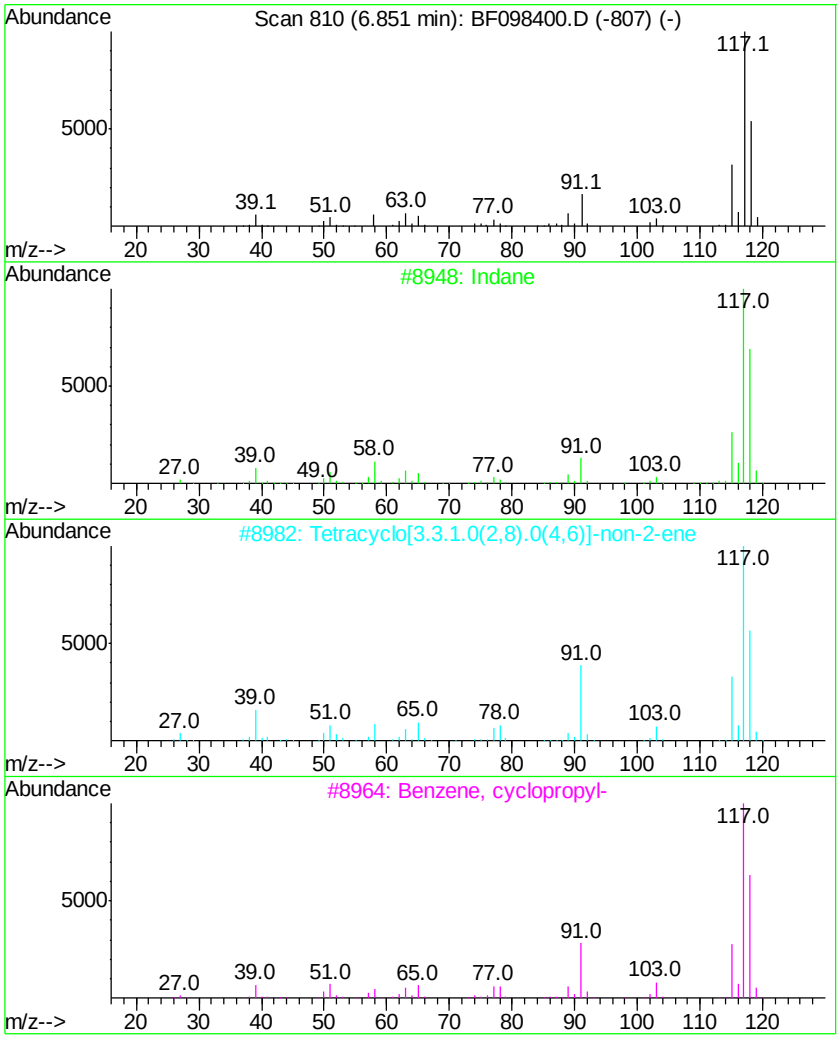
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

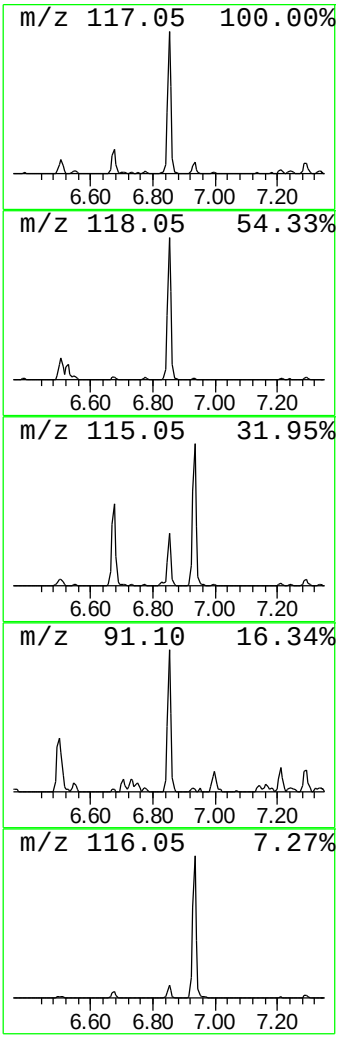
****

Peak Number 2 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.85	11.09 ng	328952	1,4-Dichlorobenzene-d4	6.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	83
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	74
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

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090917\
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Acq On : 9 Sep 2017 21:54
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Misc :
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Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI2-6

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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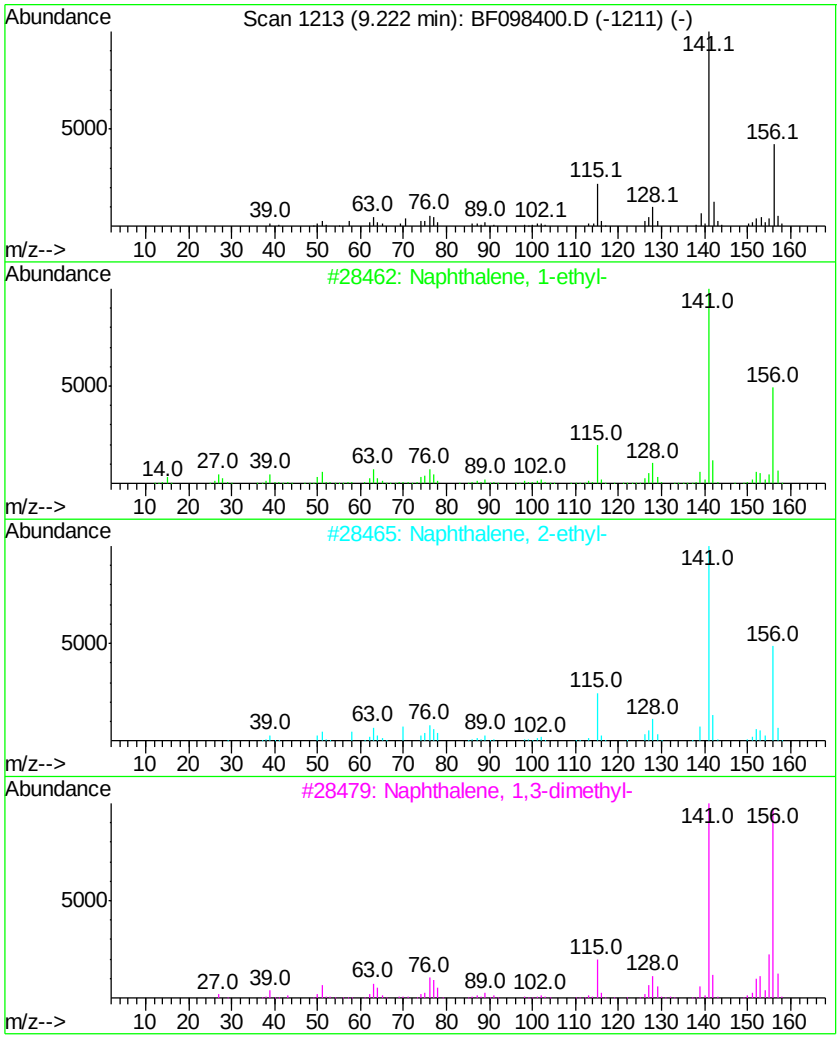
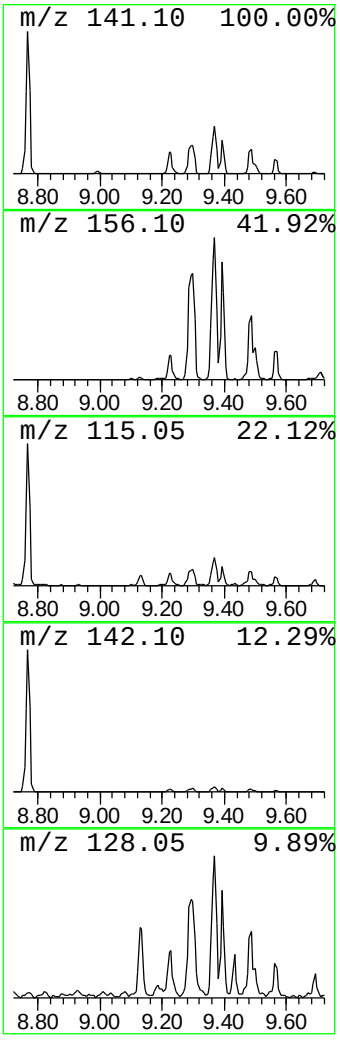
Peak Number 4 Naphthalene, 1-ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	4.89 ng	271978	Acenaphthene-d10	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	90
4	5-Acetyl-2-amino-4-methylthiazole	156	C6H8N2OS	030748-47-1	53
5	2',5'-Difluoroacetophenone	156	C8H6F2O	001979-36-8	53





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090917\
Data File : BF098400.D
Acq On : 9 Sep 2017 21:54
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Sample : I5151-06 50X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI2-6

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

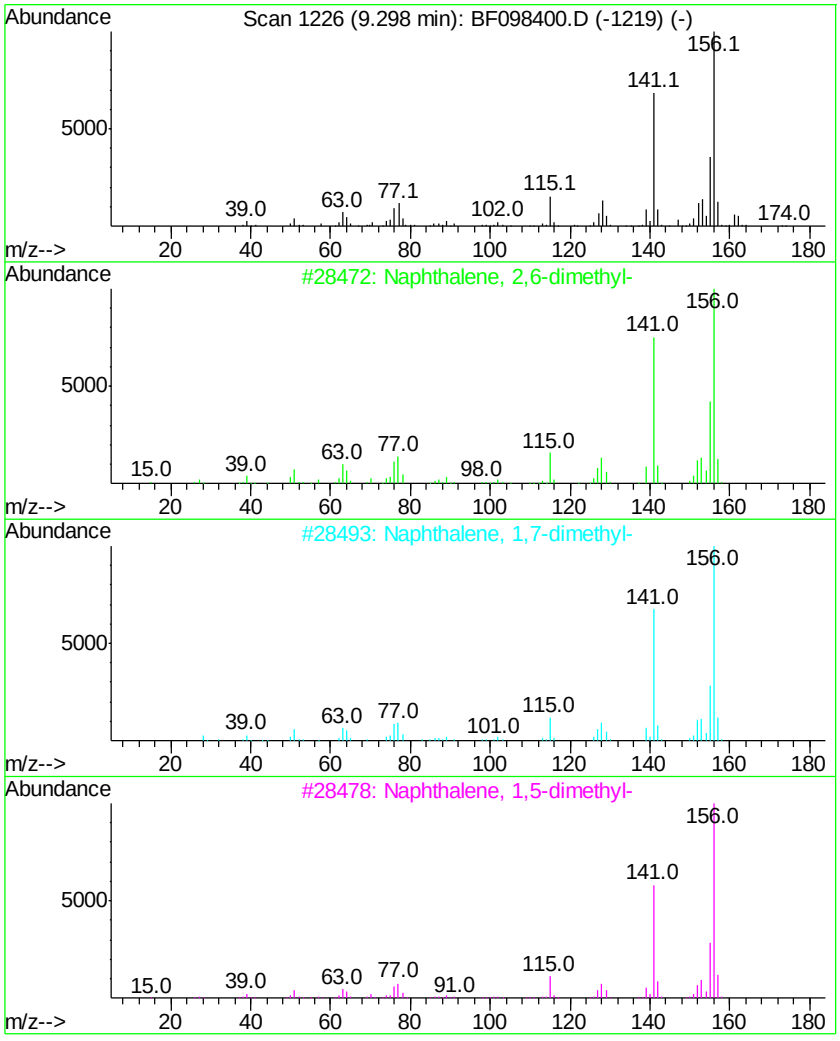
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

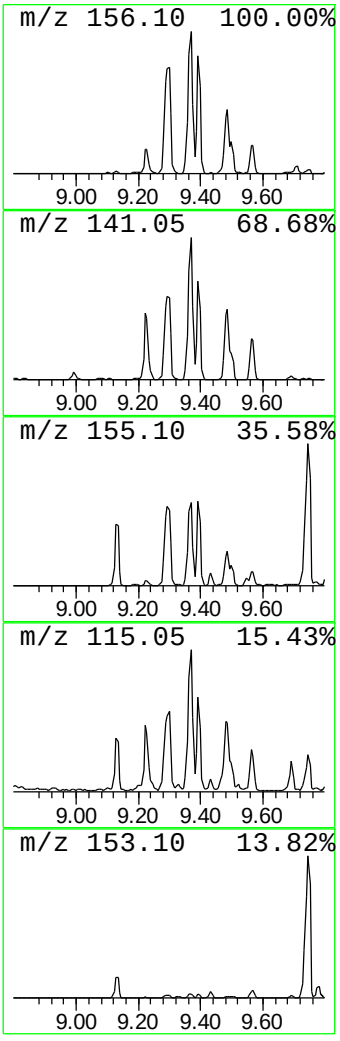
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	15.99 ng	889478	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, 1,7-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, 1,2-dimethyl-	156	C12H12	000573-98-8	96





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090917\
Data File : BF098400.D
Acq On : 9 Sep 2017 21:54
Operator : SJ/JU
Sample : I5151-06 50X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI2-6

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

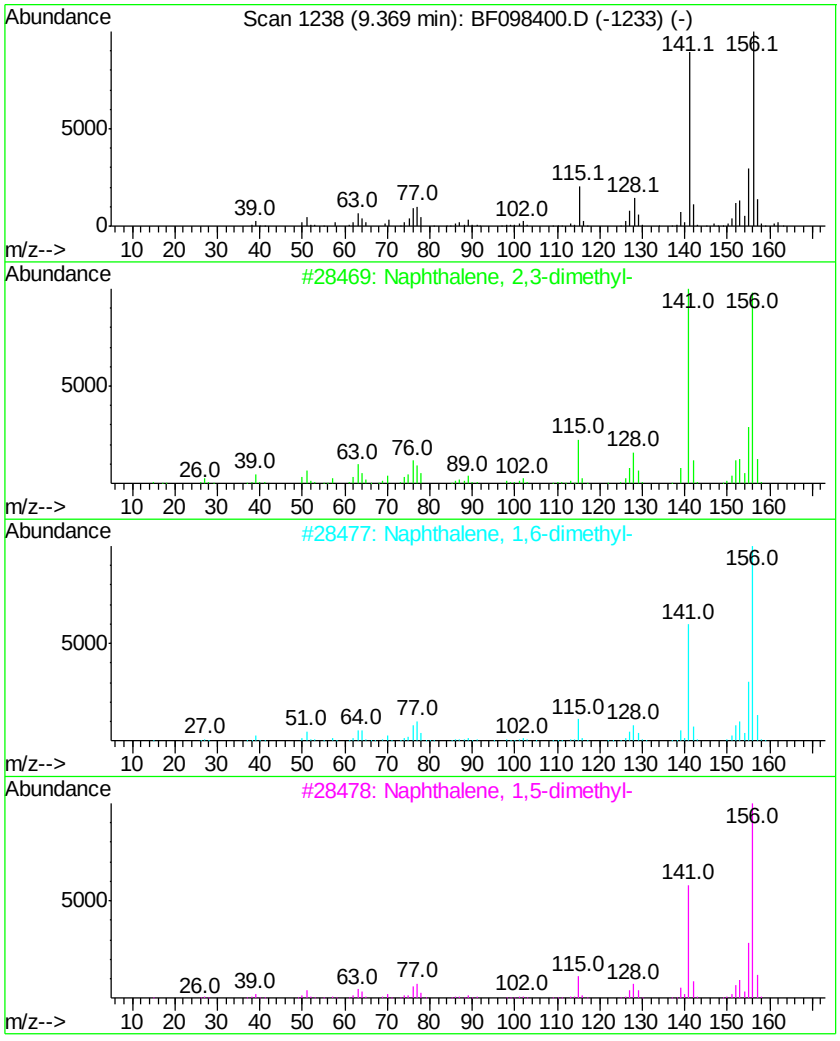
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

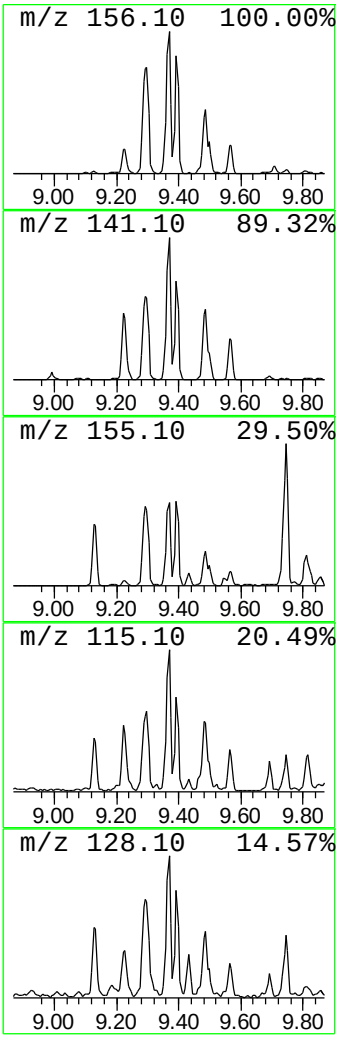
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	15.96 ng	887901	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, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97





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Acq On : 9 Sep 2017 21:54
Operator : SJ/JU
Sample : I5151-06 50X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI2-6

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

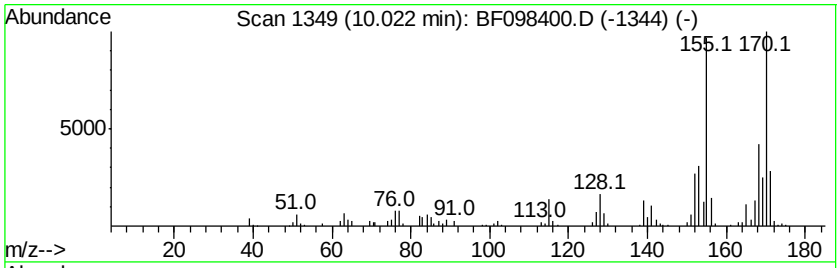
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

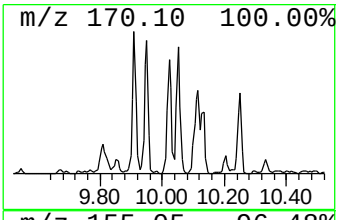
****

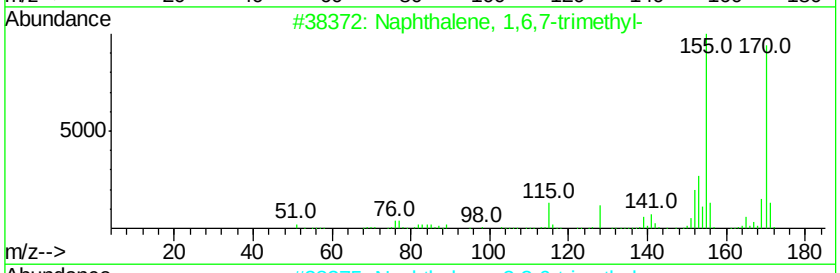
Peak Number 9 Naphthalene, 1,6,7-trimethyl- Concentration Rank 13

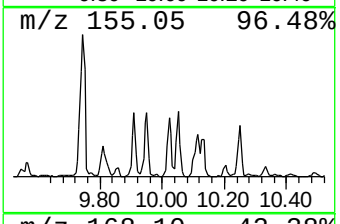
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	6.15 ng	342083	Acenaphthene-d10	9.71

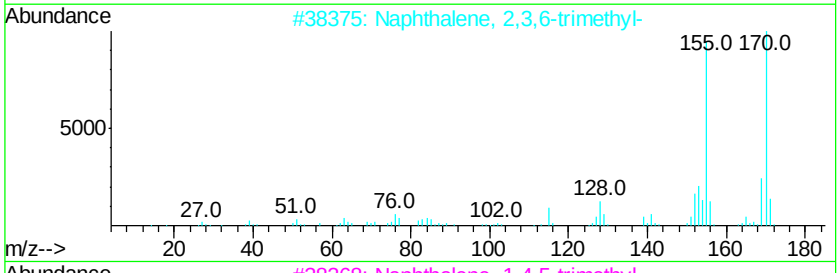
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	92
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	89
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	70

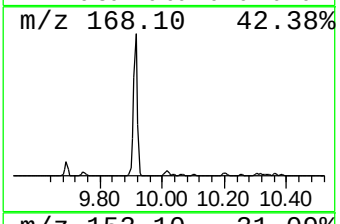


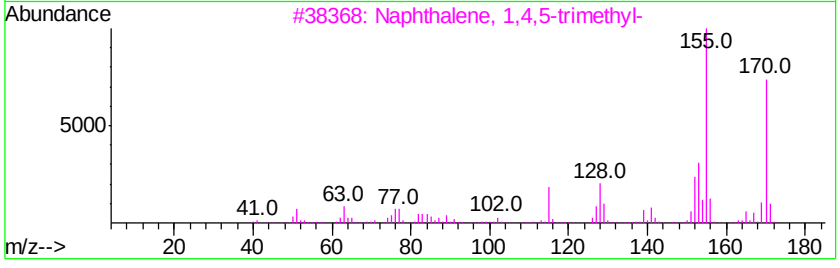


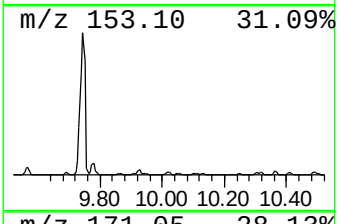


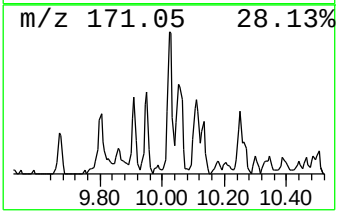












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Data File : BF098400.D
Acq On : 9 Sep 2017 21:54
Operator : SJ/JU
Sample : I5151-06 50X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI2-6

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

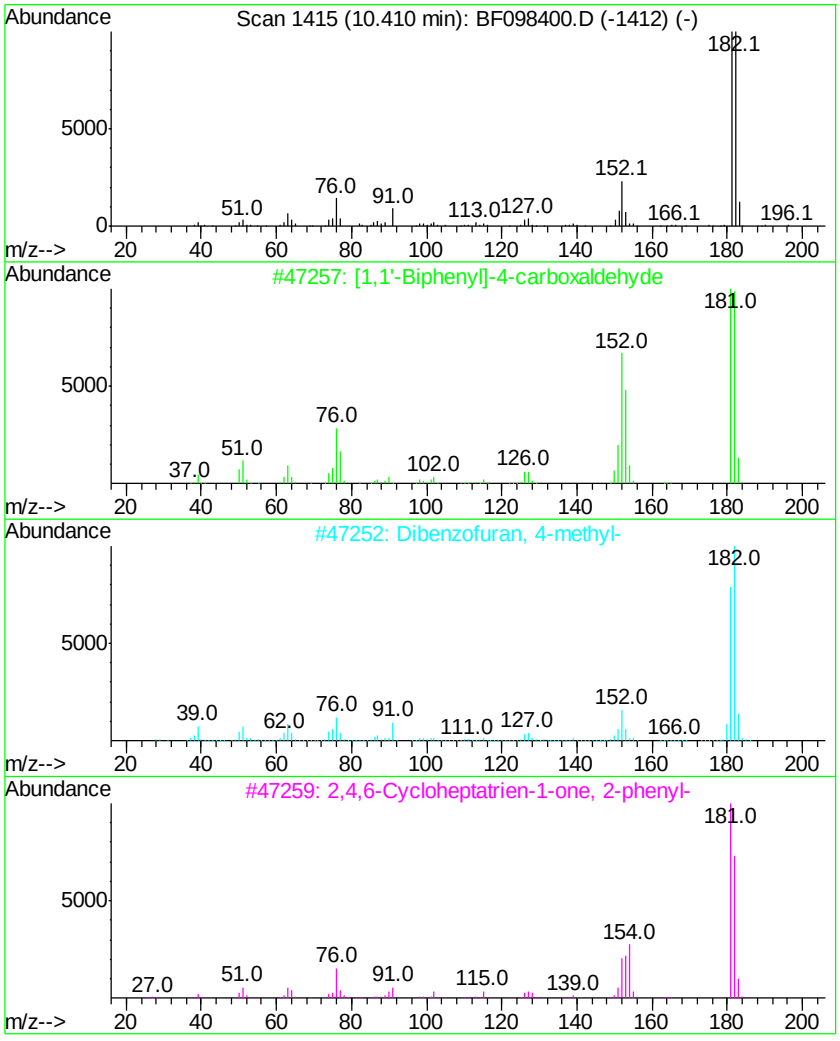
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

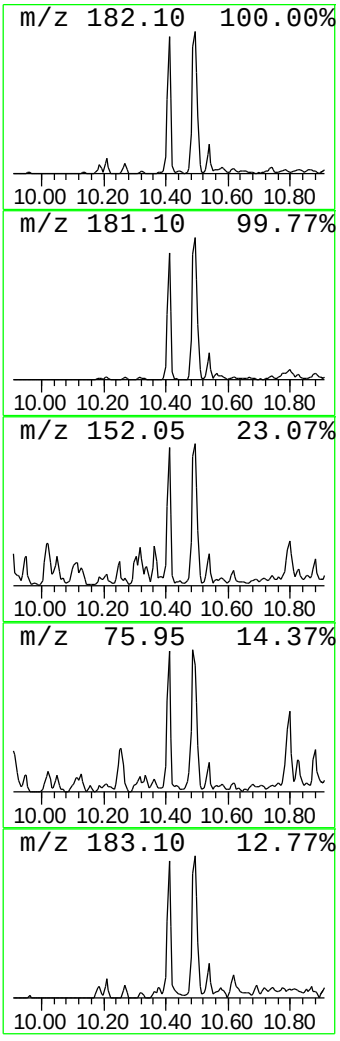
****

Peak Number 11 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.41	9.38 ng	521827	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	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	2-Hydroxyfluorene	182	C13H10O	002443-58-5	74





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI2-6

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

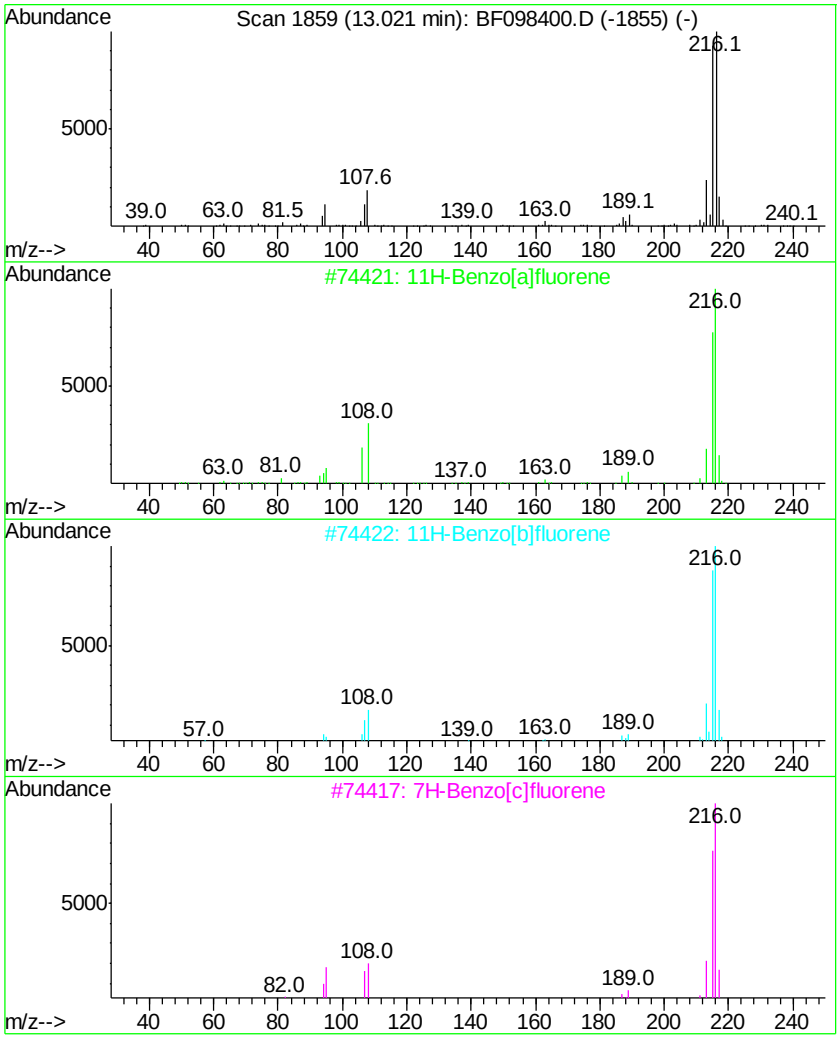
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

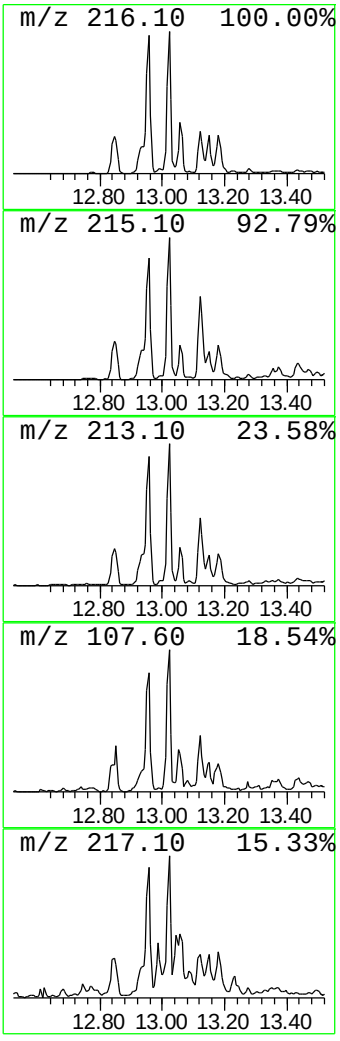
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	4.58 ng	683552	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	87
3	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72
5	Pyridin-3-ol, 2-(4-nitrophenyl)-	216	C11H8N2O3	030820-89-4	58





Library Search Compound Report

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Acq On : 9 Sep 2017 21:54
Operator : SJ/JU
Sample : I5151-06 50X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI2-6

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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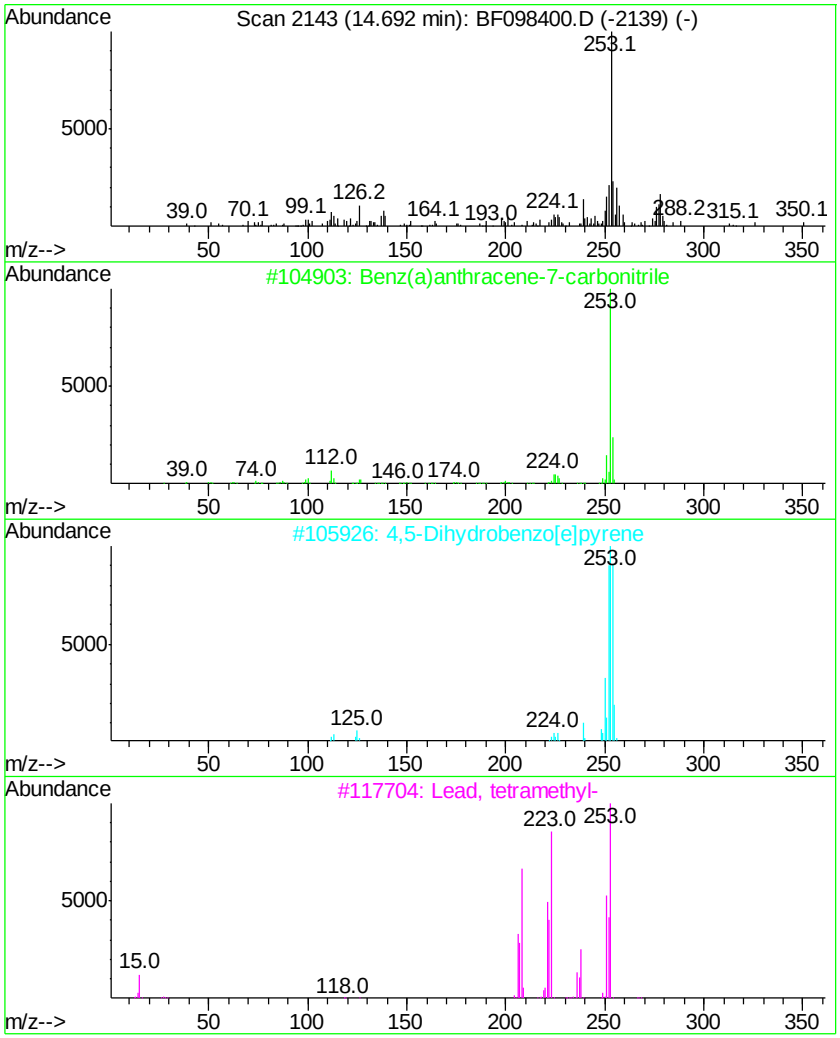
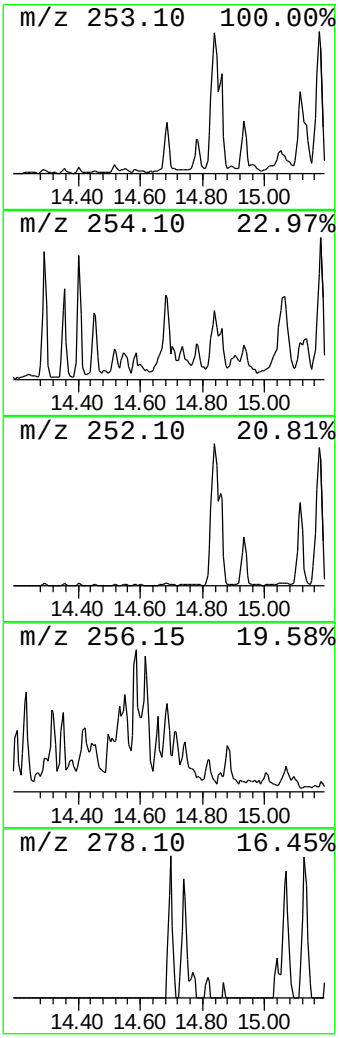
Peak Number 13 Benz(a)anthracene-7-carboni... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	4.68 ng	143371	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	91
2	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	50
3	Lead, tetramethyl-	268	C4H12Pb	000075-74-1	49
4	2-Propen-1-one, 3-(4-nitrophenyl...	253	C15H11NO3	001222-98-6	47
5	1,1'-Binaphthalene	254	C20H14	000604-53-5	42





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Operator : SJ/JU
Sample : I5151-06 50X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI2-6

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

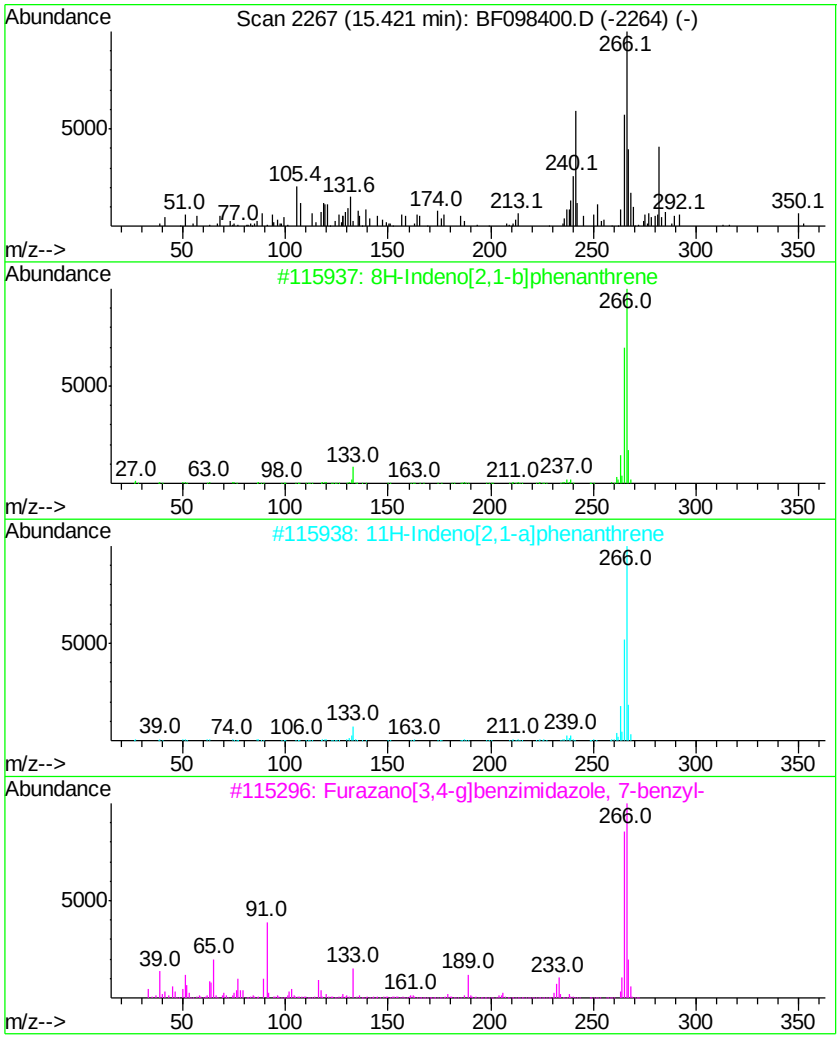
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

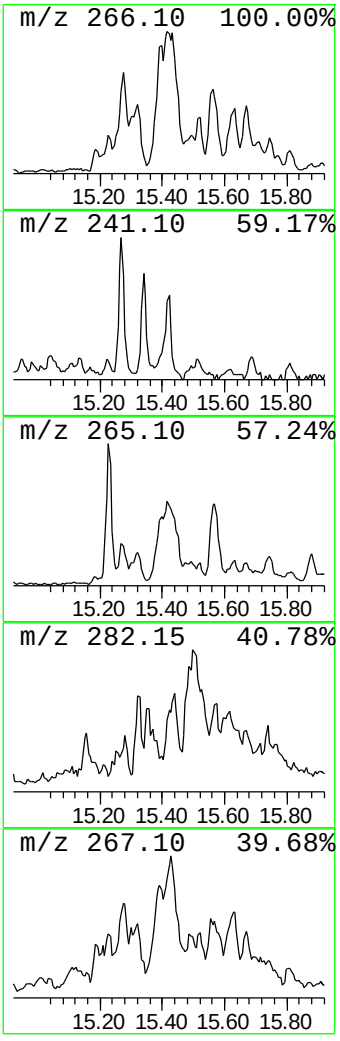
****

Peak Number 16 8H-Indeno[2,1-b]phenanthrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	6.95 ng	212887	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	53
2	11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	53
3	Furazano[3,4-g]benzimidazole, 7-...	266	C14H10N4S	129485-61-6	47
4	13H-Dibenzo[a,h]fluorene	266	C21H14	000239-85-0	46
5	Cyclopentylidene-(4-phenyl-thiaz...	266	C16H14N2S	1000300-05-0	46





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Operator : SJ/JU
Sample : I5151-06 50X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI2-6

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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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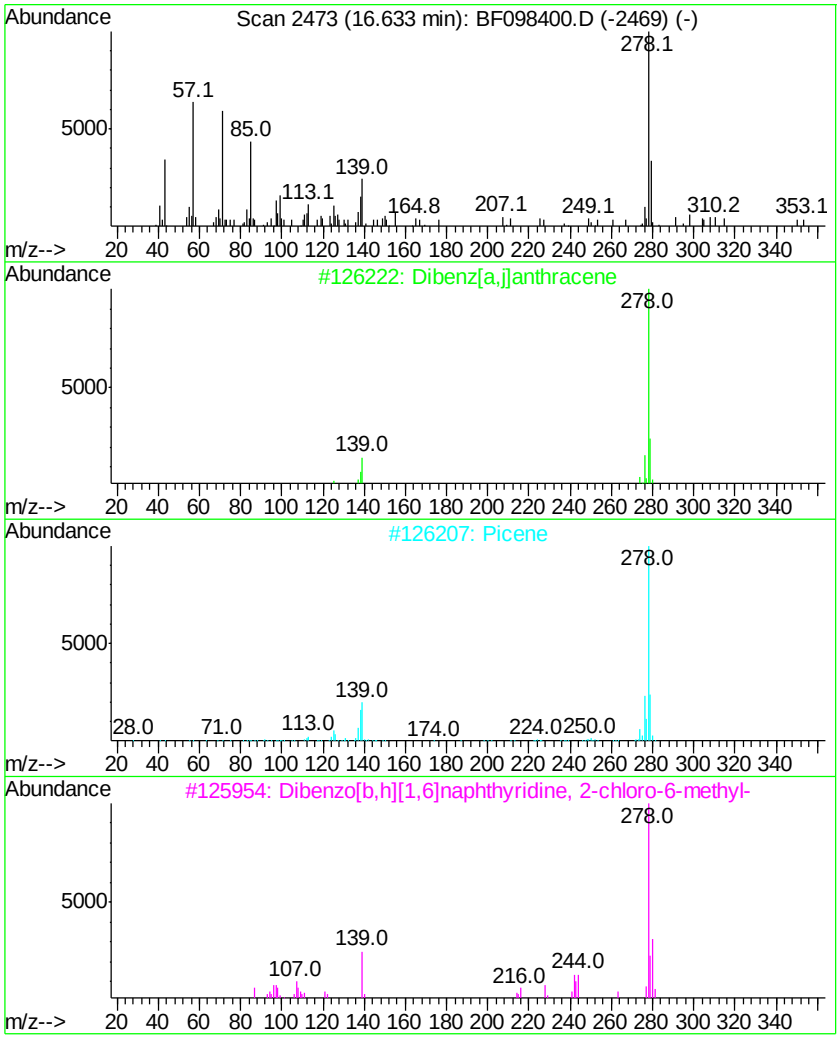
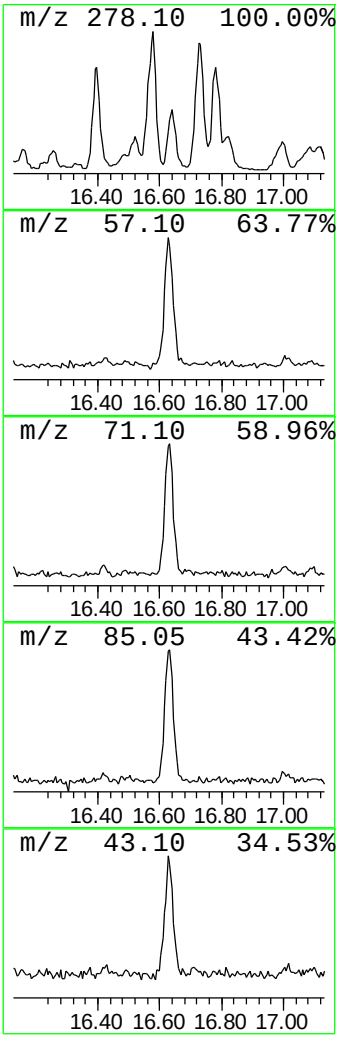
Peak Number 17 Dibenz[a,j]anthracene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.63	5.26 ng	161123	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenz[a,j]anthracene	278	C22H14	000224-41-9	74
2	Picene	278	C22H14	000213-46-7	74
3	Dibenzo[b,h][1,6]naphthyridine, ...	278	C17H11ClN2	004240-91-9	64
4	Benzo[b]triphenylene	278	C22H14	000215-58-7	53
5	Pentacene	278	C22H14	000135-48-8	53





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Sample : I5151-06 50X
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Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI2-6

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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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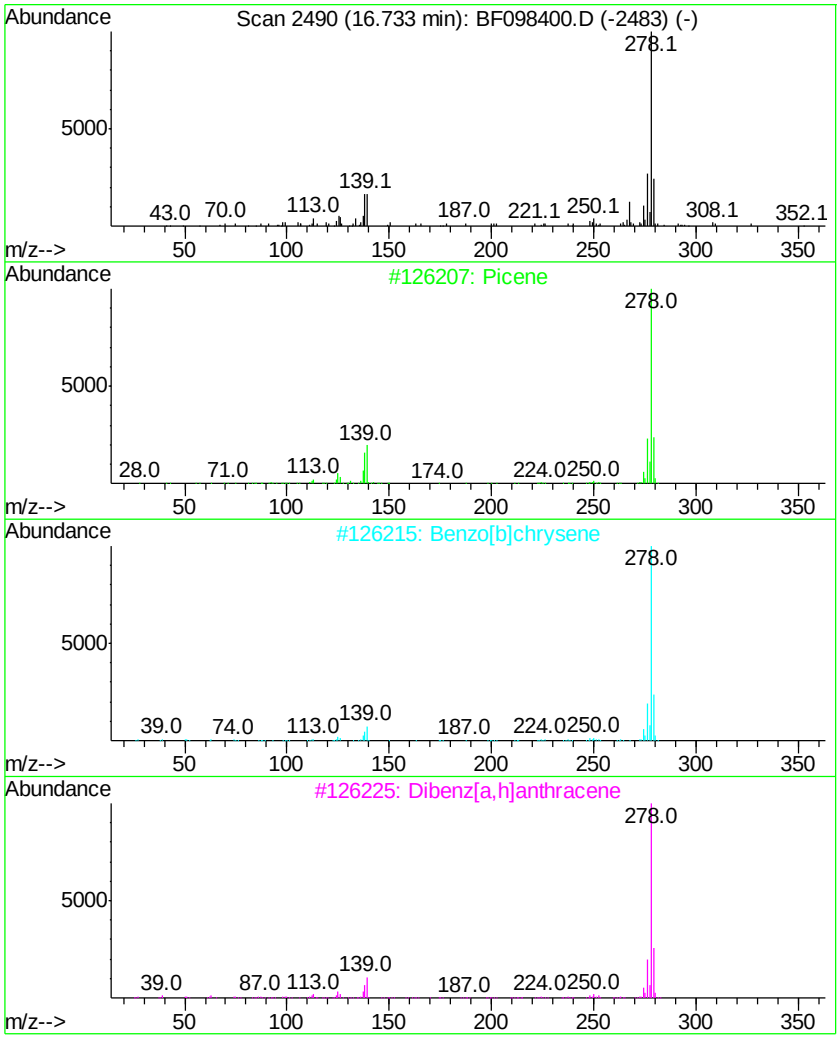
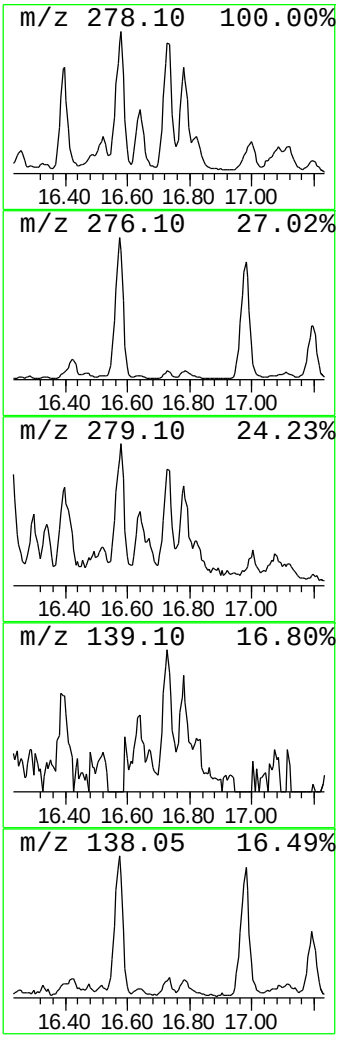
Peak Number 18 Picene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	5.75 ng	176068	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	95
2	Benzo[b]chrysene	278	C22H14	000214-17-5	95
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	94
4	Benzo[b]triphenylene	278	C22H14	000215-58-7	93
5	Benzo[a]naphthacene	278	C22H14	000226-88-0	90





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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-ESMI2-6

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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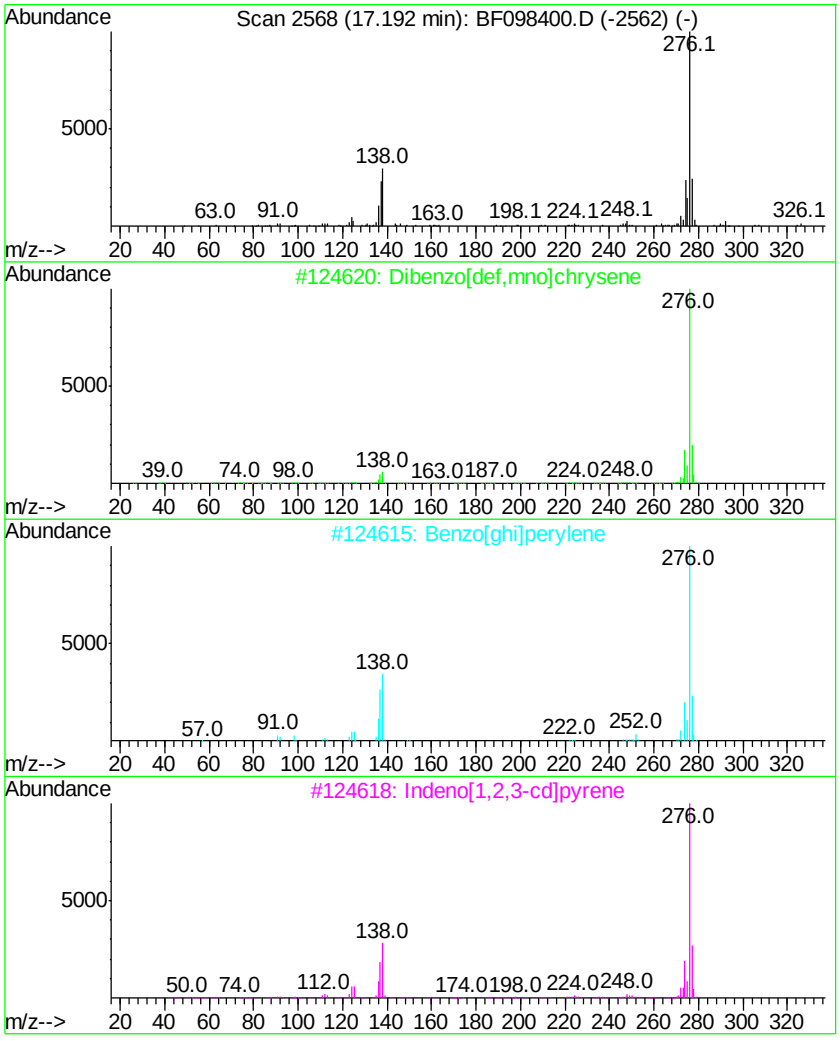
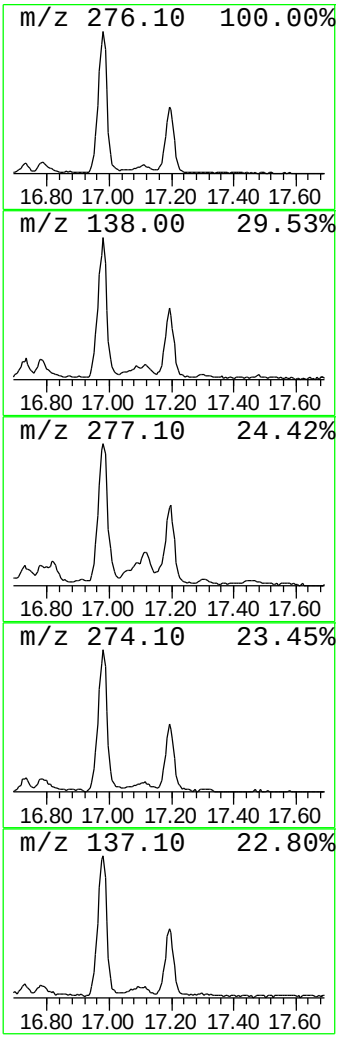
Peak Number 19 Dibenzo[def,mno]chrysene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.19	9.61 ng	294230	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	97
2	Benzo[ghi]perylene	276	C22H12	000191-24-2	93
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	87
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	64
5	Phosphoric acid, 4-methoxy-2-(me...	276	C11H17O6P	094420-71-0	47





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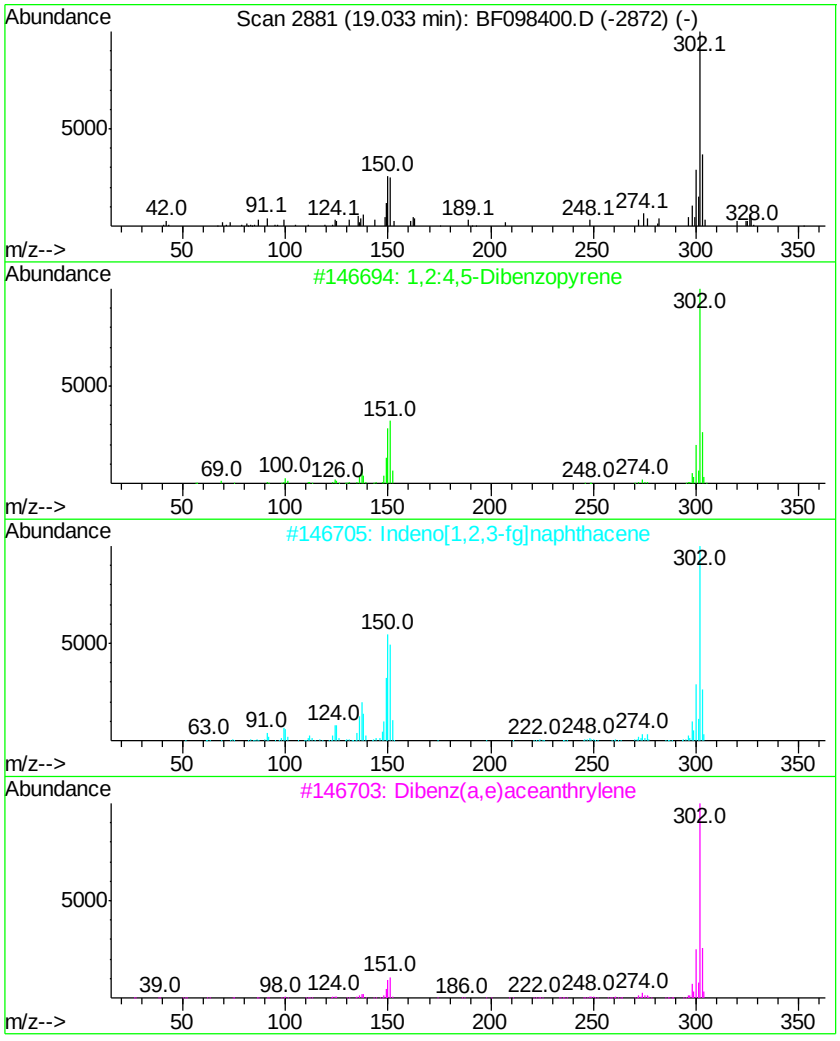
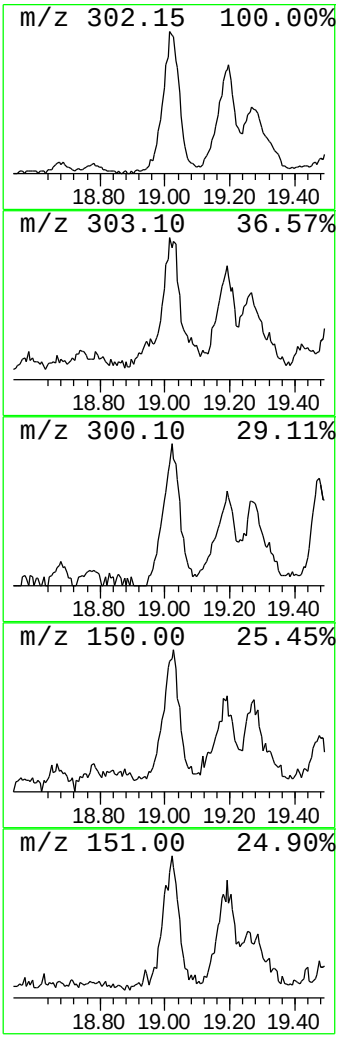
****

Peak Number 20 1,2:4,5-Dibenzopyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.03	6.14 ng	188177	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	93
2	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	91
3	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	90
4	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	89
5	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	86





Tentatively Identified Compound (LSC) summary

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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	7.2	ng	214924	1	6.67	593509	20.0
Indane	6.85	11.1	ng	328952	1	6.67	593509	20.0
Naphthalene, 1-et...	9.22	4.9	ng	271978	3	9.71	1112720	20.0
Naphthalene, 2,6-...	9.30	16.0	ng	889478	3	9.71	1112720	20.0
Naphthalene, 2,3-...	9.37	16.0	ng	887901	3	9.71	1112720	20.0
Naphthalene, 1,6,...	10.02	6.2	ng	342083	3	9.71	1112720	20.0
[1,1'-Biphenyl]-4...	10.41	9.4	ng	521827	3	9.71	1112720	20.0
11H-Benzo[a]fluorene	13.02	4.6	ng	683552	5	13.83	2987820	20.0
Benz(a)anthracene...	14.69	4.7	ng	143371	6	15.23	612527	20.0
8H-Indeno[2,1-b]p...	15.42	7.0	ng	212887	6	15.23	612527	20.0
Dibenz[a,j]anthra...	16.63	5.3	ng	161123	6	15.23	612527	20.0
Picene	16.73	5.8	ng	176068	6	15.23	612527	20.0
Dibenzo[def,mno]c...	17.19	9.6	ng	294230	6	15.23	612527	20.0
1,2:4,5-Dibenzopy...	19.03	6.1	ng	188177	6	15.23	612527	20.0