LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091515\
Data File : BF081635.D
Acq On : 15 Sep 2015 18:35
Operator : UM/IZ
Sample : G3579-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLARKST-ESMI-2RE

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-BF090115.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	1.543	16	18	53	rVB	352087	1213954	6.36%	0.732%
2	4.503	272	277	289	rBV	372393	1212383	6.35%	0.731%
3	5.383	349	354	363	rBV	1012549	2102214	11.01%	1.268%
4	7.646	547	552	555	rBV	975547	2264021	11.86%	1.365%
5	7.737	556	560	563	rVV	1193002	2155464	11.29%	1.300%
6	7.852	567	570	574	rVB	221379	363481	1.90%	0.219%
7	8.218	598	602	608	rBV	191664	429990	2.25%	0.259%
8	8.549	626	631	633	rBV	752938	1425756	7.47%	0.860%
9	8.595	633	635	638	rVV	263352	424827	2.23%	0.256%
10	9.018	667	672	675	rBV2	109149	320365	1.68%	0.193%
11	9.521	710	716	718	rBV2	745964	1680061	8.80%	1.013%
12	10.412	791	794	799	rVB	228517	446688	2.34%	0.269%
13	10.561	802	807	808	rBV3	163841	356861	1.87%	0.215%
14	11.212	850	864	866	rBV	2820617	8877102	46.50%	5.354%
15	11.544	888	893	896	rVB	335864	606796	3.18%	0.366%
16	12.126	939	944	950	rVB3	124117	398833	2.09%	0.241%
17	12.229	950	953	955	rBV2	132636	294417	1.54%	0.178%
18	12.298	955	959	964	rVV6	132288	540894	2.83%	0.326%
19	12.412	964	969	974	rVV2	283171	762053	3.99%	0.460%
20	12.675	987	992	993	rBV3	148243	455942	2.39%	0.275%
21	12.721	993	996	998	rVV2	181957	477434	2.50%	0.288%
22	12.835	1001	1006	1009	rVV	858679	1701451	8.91%	1.026%
23	13.075	1019	1027	1030	rVV	1951651	4868252	25.50%	2.936%
24	13.452	1054	1060	1063	rBV2	227124	611763	3.20%	0.369%
25	13.704	1077	1082	1084	rVV5	97912	299797	1.57%	0.181%
26	13.772	1084	1088	1091	rVV	1134604	2087094	10.93%	1.259%
27	13.852	1091	1095	1102	rVV	490145	888939	4.66%	0.536%
28	13.990	1102	1107	1110	rVV	1260050	2303710	12.07%	1.389%
29	14.184	1113	1124	1129	rBV2	841195	2722450	14.26%	1.642%
30	14.355	1131	1139	1142	rVV3	534843	1938222	10.15%	1.169%
31	14.527	1146	1154	1156	rVV	936752	2222526	11.64%	1.340%
32	14.572	1156	1158	1162	rVV	421246	700134	3.67%	0.422%
33	14.778	1172	1176	1179	rVV	418007	1184919	6.21%	0.715%
34	14.847	1179	1182	1185	rVV2	401338	871586	4.57%	0.526%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091515\
Data File : BF081635.D
Acq On : 15 Sep 2015 18:35
Operator : UM/IZ
Sample : G3579-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLARKST-ESMI-2RE

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-BF090115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.927	1185	1189	1190	rVV	568493	1050981	5.51%	0.634%
36	14.972	1190	1193	1196	rVB2	667194	1397188	7.32%	0.843%
37	15.418	1216	1232	1234	rBV	3552838	14714226	77.08%	8.874%
38	15.475	1234	1237	1241	rVV3	240172	608269	3.19%	0.367%
39	15.601	1245	1248	1253	rVB2	262137	771768	4.04%	0.465%
40	15.773	1259	1263	1265	rBV	308498	613170	3.21%	0.370%
41	15.841	1267	1269	1271	rVV	276037	416269	2.18%	0.251%
42	15.933	1274	1277	1280	rVB	251530	452499	2.37%	0.273%
43	16.093	1288	1291	1294	rBV	345974	694031	3.64%	0.419%
44	16.161	1294	1297	1299	rVV2	206780	456667	2.39%	0.275%
45	16.241	1302	1304	1307	rVB	199951	308577	1.62%	0.186%
46	16.355	1308	1314	1318	rVB2	417275	1155255	6.05%	0.697%
47	16.515	1324	1328	1329	rBV	291724	638480	3.34%	0.385%
48	16.618	1331	1337	1340	rVV	1846834	5180082	27.14%	3.124%
49	16.744	1343	1348	1350	rVV5	310871	1061803	5.56%	0.640%
50	16.790	1350	1352	1353	rVV2	244316	421980	2.21%	0.255%
51	16.836	1353	1356	1360	rVV3	339477	1189073	6.23%	0.717%
52	17.007	1368	1371	1374	rVB	336540	580937	3.04%	0.350%
53	17.110	1374	1380	1382	rBV	473202	990476	5.19%	0.597%
54	17.190	1382	1387	1392	rVB3	913180	3208373	16.81%	1.935%
55	17.487	1409	1413	1415	rBV4	108218	317755	1.66%	0.192%
56	17.864	1440	1446	1448	rBV	1030650	2897226	15.18%	1.747%
57	18.253	1477	1480	1482	rBV3	129461	342577	1.79%	0.207%
58	18.390	1489	1492	1497	rVB	241645	575526	3.01%	0.347%
59	18.539	1501	1505	1511	rVB	617157	1460130	7.65%	0.881%
60	18.950	1523	1541	1542	rBV	3882159	19088774	100.00%	11.513%
61	18.984	1542	1544	1545	rVV	828915	1604702	8.41%	0.968%
62	19.030	1545	1548	1551	rVB	1794403	3463008	18.14%	2.089%
63	19.327	1570	1574	1578	rBV3	141360	471674	2.47%	0.284%
64	19.590	1594	1597	1602	rBV2	467066	998407	5.23%	0.602%
65	19.830	1613	1618	1622	rVB2	313103	861866	4.52%	0.520%
66	20.036	1631	1636	1638	rBV	703739	1574305	8.25%	0.949%
67	20.104	1638	1642	1645	rVV	780702	1524344	7.99%	0.919%
68	20.264	1649	1656	1659	rVV2	919054	3335697	17.47%	2.012%
69	20.344	1660	1663	1672	rVB	510983	1222210	6.40%	0.737%
70	20.550	1678	1681	1685	rVB3	146346	331788	1.74%	0.200%
71	20.756	1696	1699	1702	rVB	639503	1095071	5.74%	0.660%

LSC Area Percent Report

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Acq On : 15 Sep 2015 18:35
Operator : UM/IZ
Sample : G3579-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLARKST-ESMI-2RE

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-BF090115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	21.225	1737	1740	1742	rBV	341443	674173	3.53%	0.407%
73	21.396	1753	1755	1757	rBV	194457	312280	1.64%	0.188%
74	21.487	1757	1763	1766	rVB	2631024	7053342	36.95%	4.254%
75	21.625	1771	1775	1778	rBV	1076568	1790785	9.38%	1.080%
76	21.727	1782	1784	1787	rBV2	176704	372843	1.95%	0.225%
77	21.853	1788	1795	1796	rVV	3233407	7942176	41.61%	4.790%
78	22.127	1816	1819	1821	rBV	1163112	1444149	7.57%	0.871%
79	22.173	1821	1823	1827	rVV2	249534	560231	2.93%	0.338%
80	22.276	1829	1832	1833	rVV	248999	506549	2.65%	0.306%
81	22.322	1834	1836	1839	rVV	636951	840212	4.40%	0.507%
82	22.413	1841	1844	1846	rVV	637303	968021	5.07%	0.584%
83	22.447	1846	1847	1852	rVV	454079	567233	2.97%	0.342%
84	22.539	1852	1855	1856	rVV3	387016	641447	3.36%	0.387%
85	22.608	1859	1861	1868	rVB2	373710	879970	4.61%	0.531%
86	23.088	1901	1903	1905	rVB	213460	280320	1.47%	0.169%
87	23.133	1905	1907	1910	rVV2	447617	926833	4.86%	0.559%
88	23.396	1924	1930	1932	rBV3	1550351	3504147	18.36%	2.113%
89	23.442	1932	1934	1935	rVV	1382807	1661476	8.70%	1.002%
90	23.842	1966	1969	1971	rVV	286501	375886	1.97%	0.227%
91	23.945	1975	1978	1979	rVV3	194952	368473	1.93%	0.222%
92	23.991	1981	1982	1986	rVV2	279581	494246	2.59%	0.298%
93	24.505	2023	2027	2031	rBV	976647	2179499	11.42%	1.314%
94	24.585	2031	2034	2037	rVB	359360	462118	2.42%	0.279%
95	24.745	2044	2048	2049	rBV	589199	894818	4.69%	0.540%
96	24.791	2049	2052	2054	rBV	1266969	1894632	9.93%	1.143%
97	25.236	2087	2091	2094	rVB2	164380	306233	1.60%	0.185%
98	25.888	2144	2148	2150	rBV	426639	661505	3.47%	0.399%
99	26.196	2170	2175	2178	rBV	368575	654798	3.43%	0.395%
100	26.356	2186	2189	2192	rVB	183862	302420	1.58%	0.182%

Sum of corrected areas: 165806358

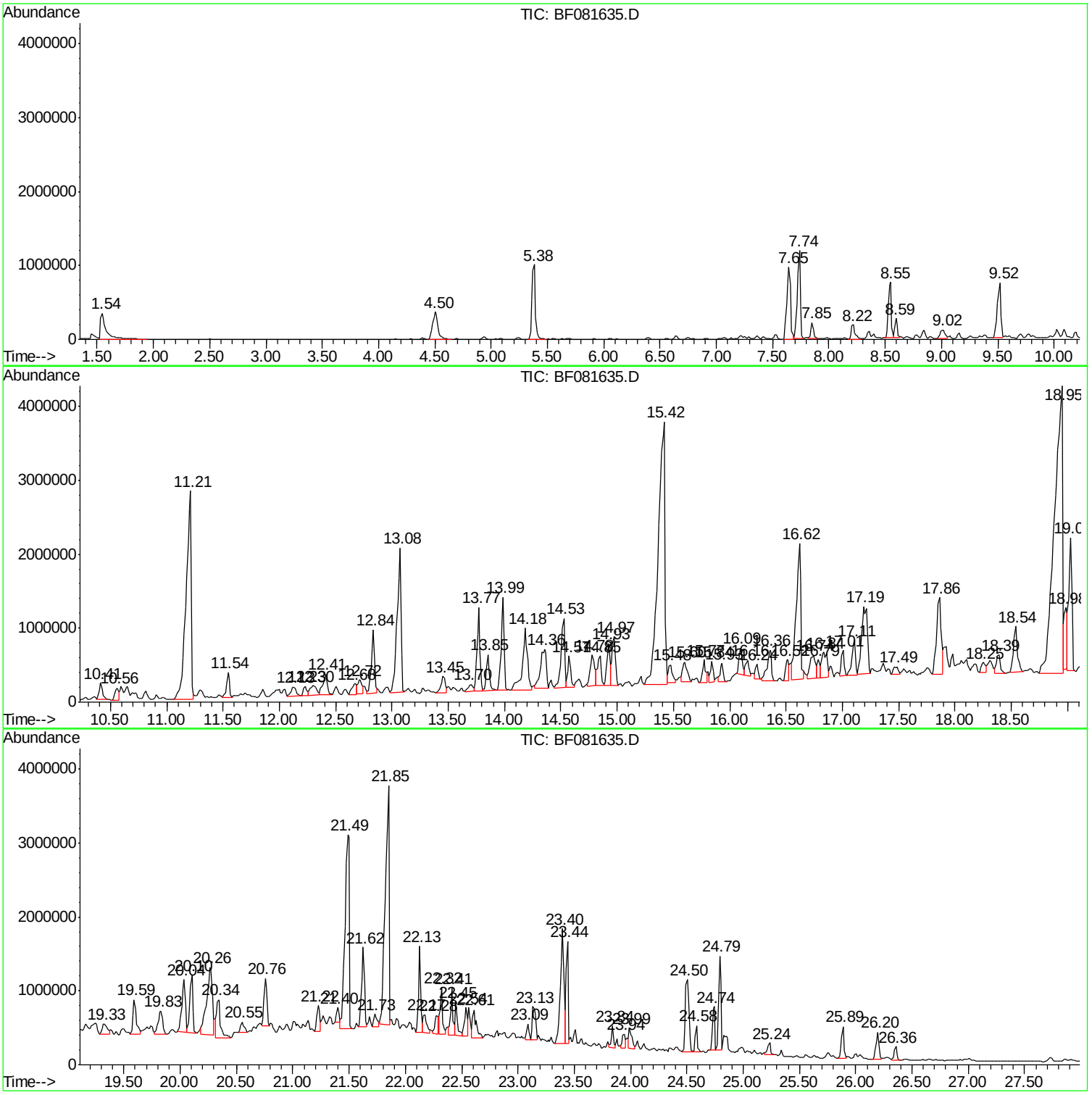
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091515\
Data File : BF081635.D
Acq On : 15 Sep 2015 18:35
Operator : UM/IZ
Sample : G3579-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLARKST-ESMI-2RE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091515\
Data File : BF081635.D
Acq On : 15 Sep 2015 18:35
Operator : UM/IZ
Sample : G3579-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLARKST-ESMI-2RE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

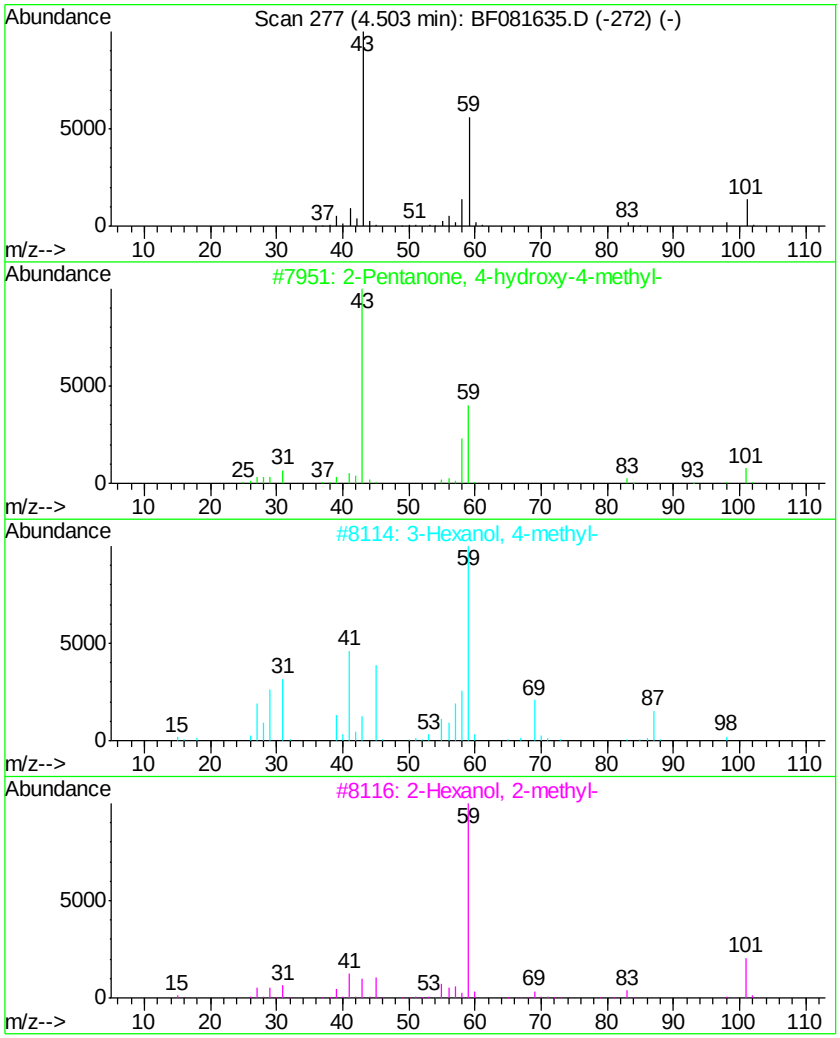
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

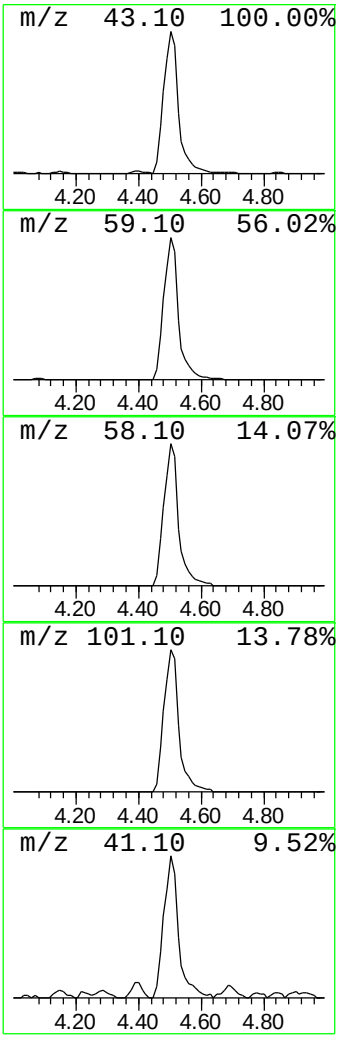
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.50	56.39 ng	1212380	1,4-Dichlorobenzene-d4	8.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	25
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091515\
Data File : BF081635.D
Acq On : 15 Sep 2015 18:35
Operator : UM/IZ
Sample : G3579-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLARKST-ESMI-2RE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

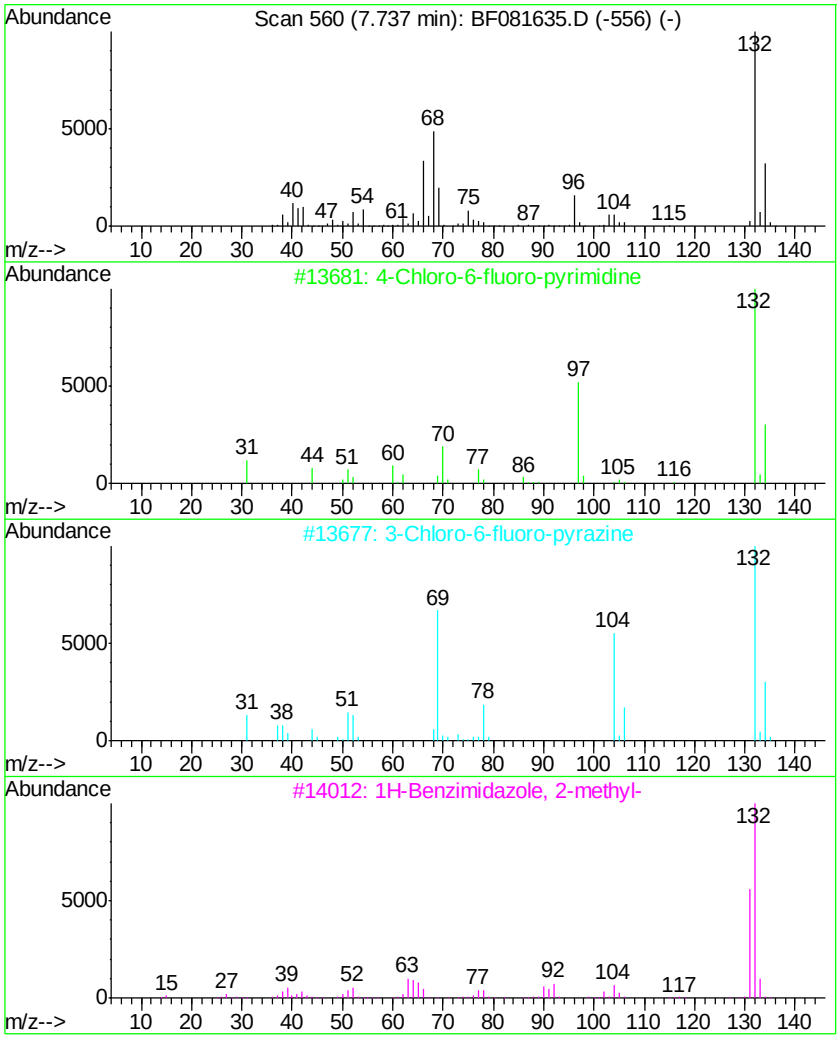
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

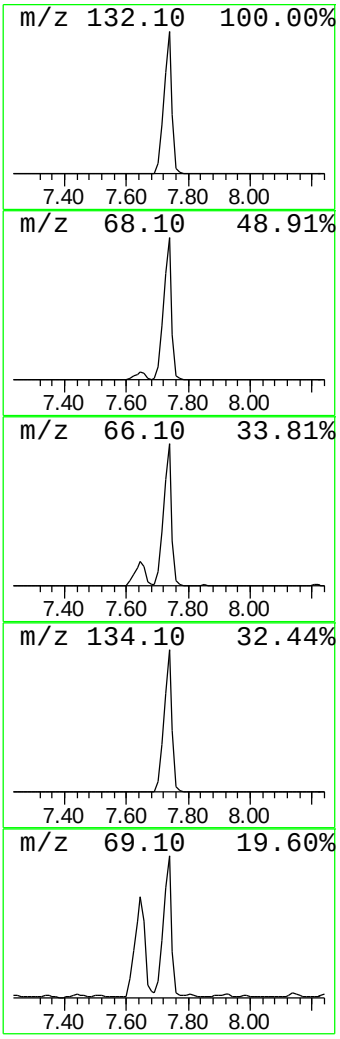
****

Peak Number 3 unknown7.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	100.26 ng	2155460	1,4-Dichlorobenzene-d4	8.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091515\
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Acq On : 15 Sep 2015 18:35
Operator : UM/IZ
Sample : G3579-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLARKST-ESMI-2RE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

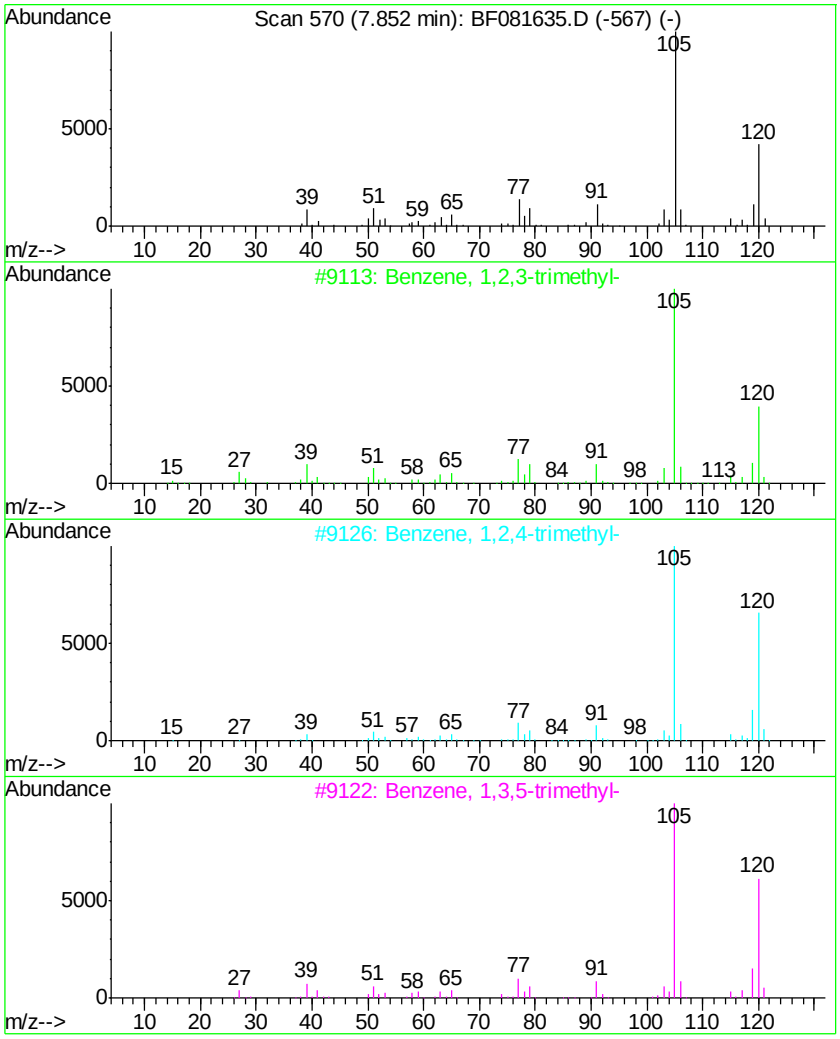
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

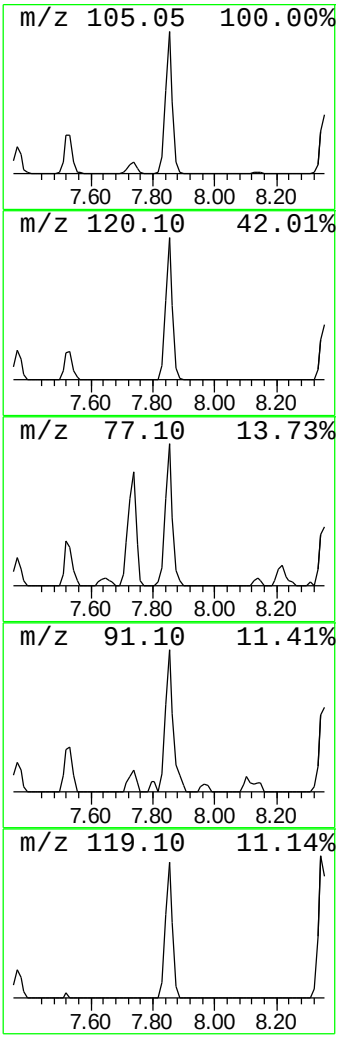
****

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.85	16.91 ng	363481	1,4-Dichlorobenzene-d4	8.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091515\
Data File : BF081635.D
Acq On : 15 Sep 2015 18:35
Operator : UM/IZ
Sample : G3579-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLARKST-ESMI-2RE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

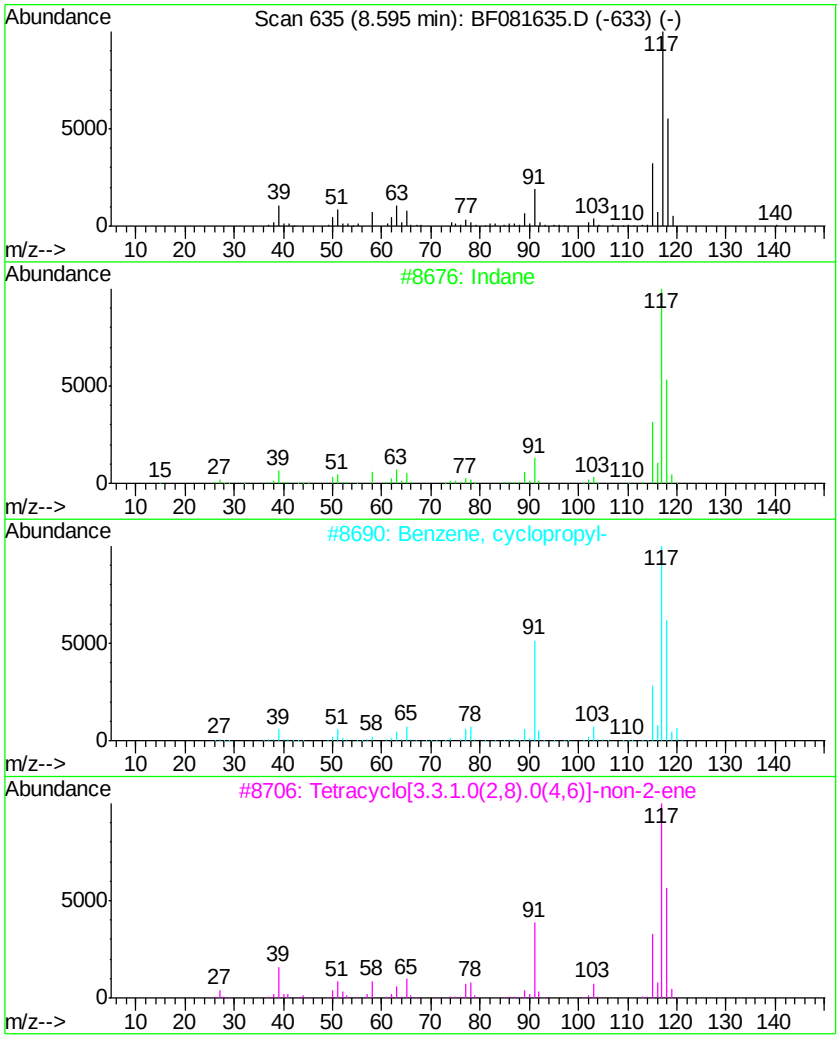
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

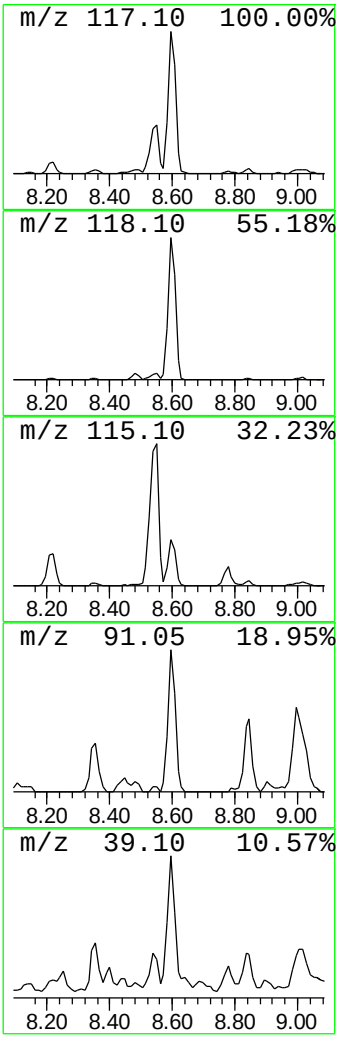
****

Peak Number 6 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.59	19.76 ng	424827	1,4-Dichlorobenzene-d4	8.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
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	83
4	cis-.beta.-Methylstyrene	118	C9H10	000766-90-5	81
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	78





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091515\
Data File : BF081635.D
Acq On : 15 Sep 2015 18:35
Operator : UM/IZ
Sample : G3579-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLARKST-ESMI-2RE

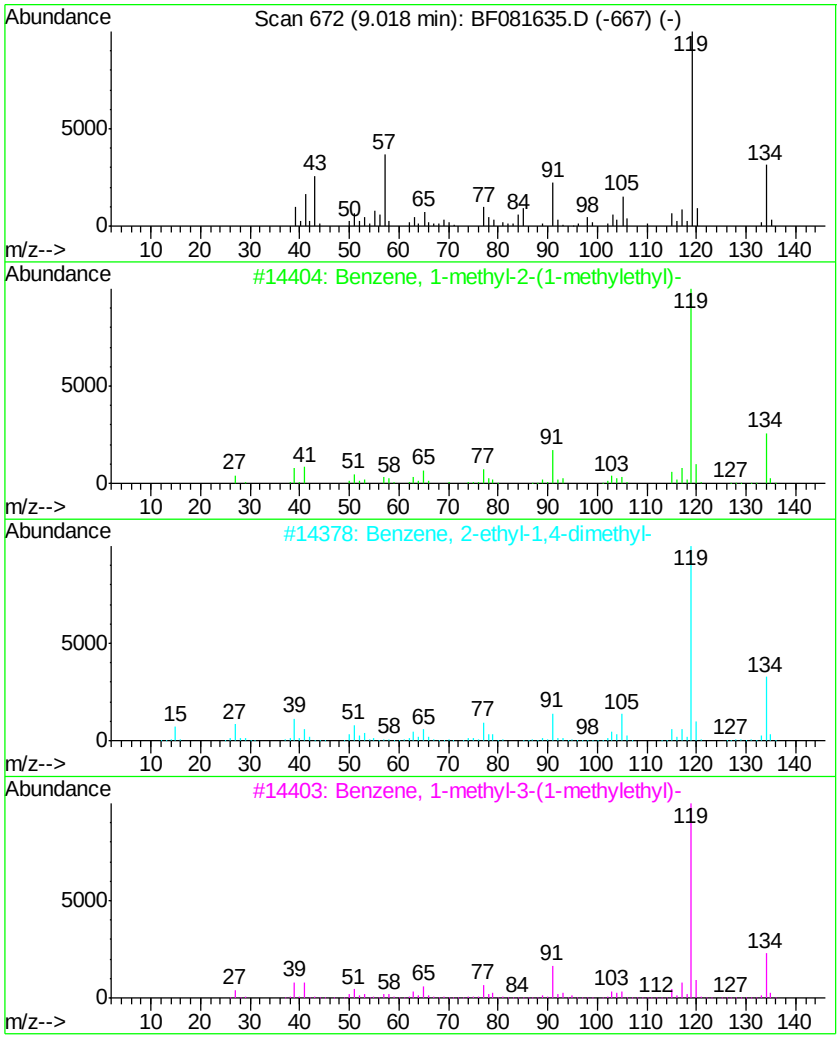
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

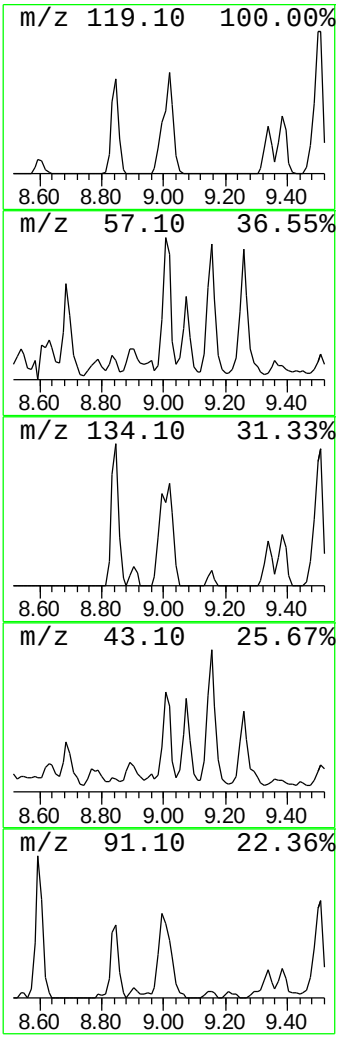
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1-methyl-2-(1-meth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.02	14.90 ng	320365	1,4-Dichlorobenzene-d4	8.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091515\
Data File : BF081635.D
Acq On : 15 Sep 2015 18:35
Operator : UM/IZ
Sample : G3579-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLARKST-ESMI-2RE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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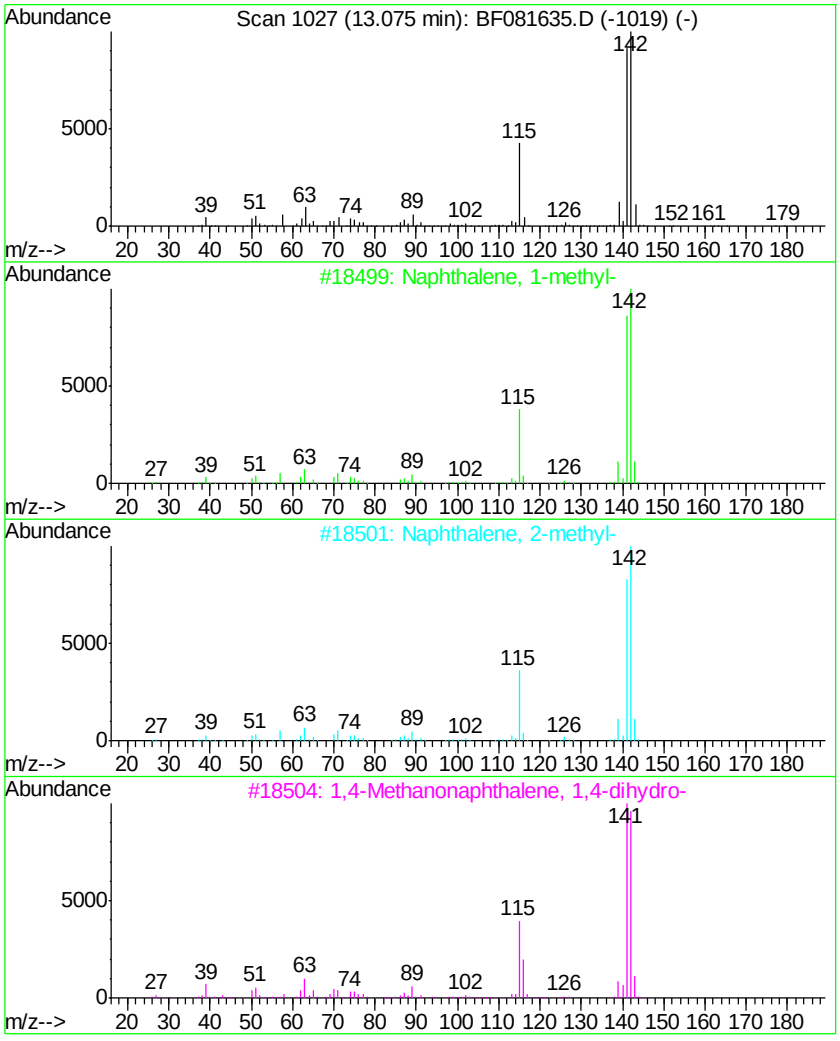
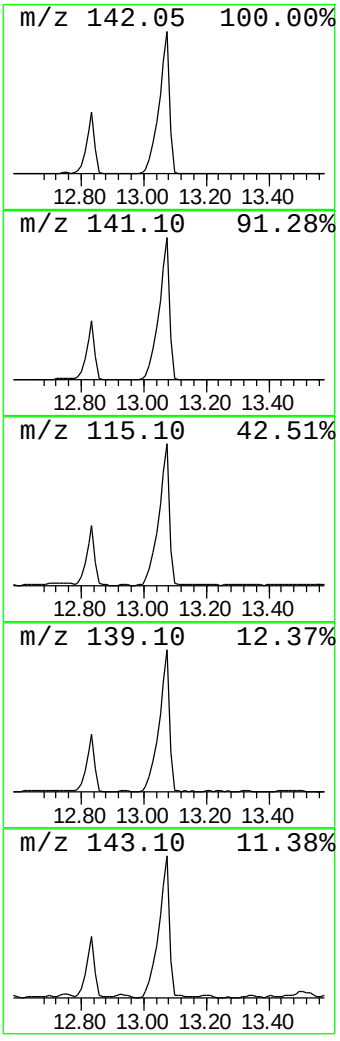
Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	10.97 ng	4868250	Naphthalene-d8	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	Benzocycloheptatriene	142	C11H10	000264-09-5	94
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91





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Acq On : 15 Sep 2015 18:35
Operator : UM/IZ
Sample : G3579-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLARKST-ESMI-2RE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

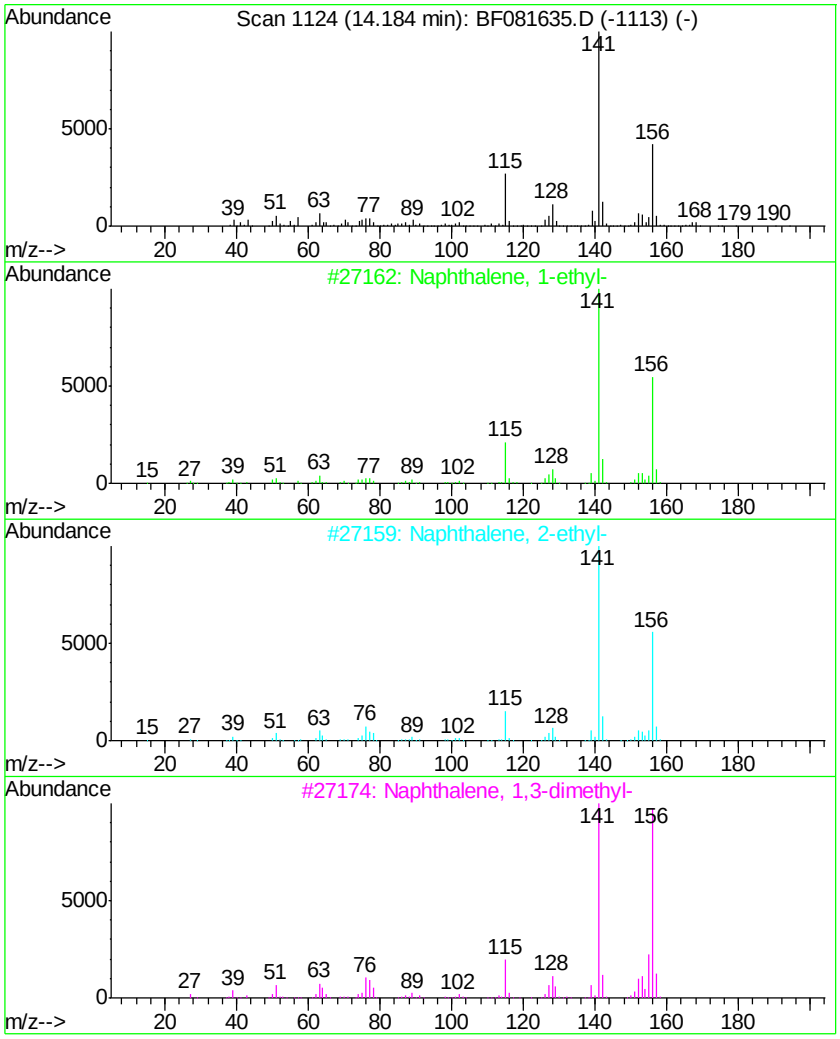
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

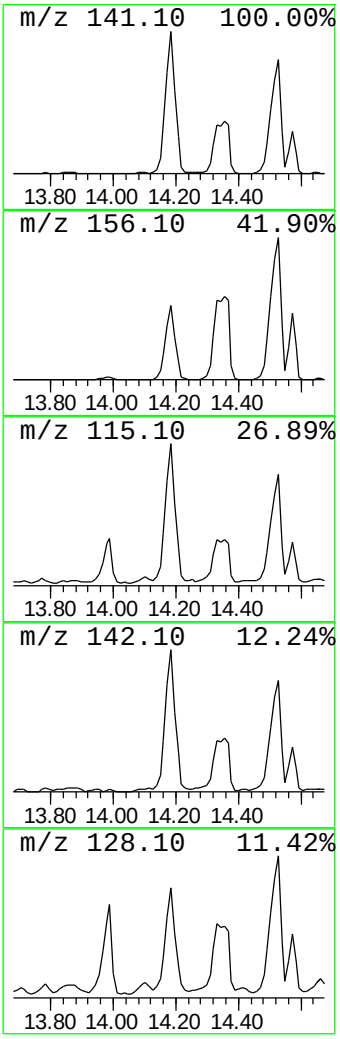
****

Peak Number 9 Naphthalene, 1-ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.18	3.70 ng	2722450	Acenaphthene-d10	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	91
4	Naphthalene, 1-propyl-	170	C13H14	002765-18-6	53
5	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	45





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Data File : BF081635.D
Acq On : 15 Sep 2015 18:35
Operator : UM/IZ
Sample : G3579-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLARKST-ESMI-2RE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

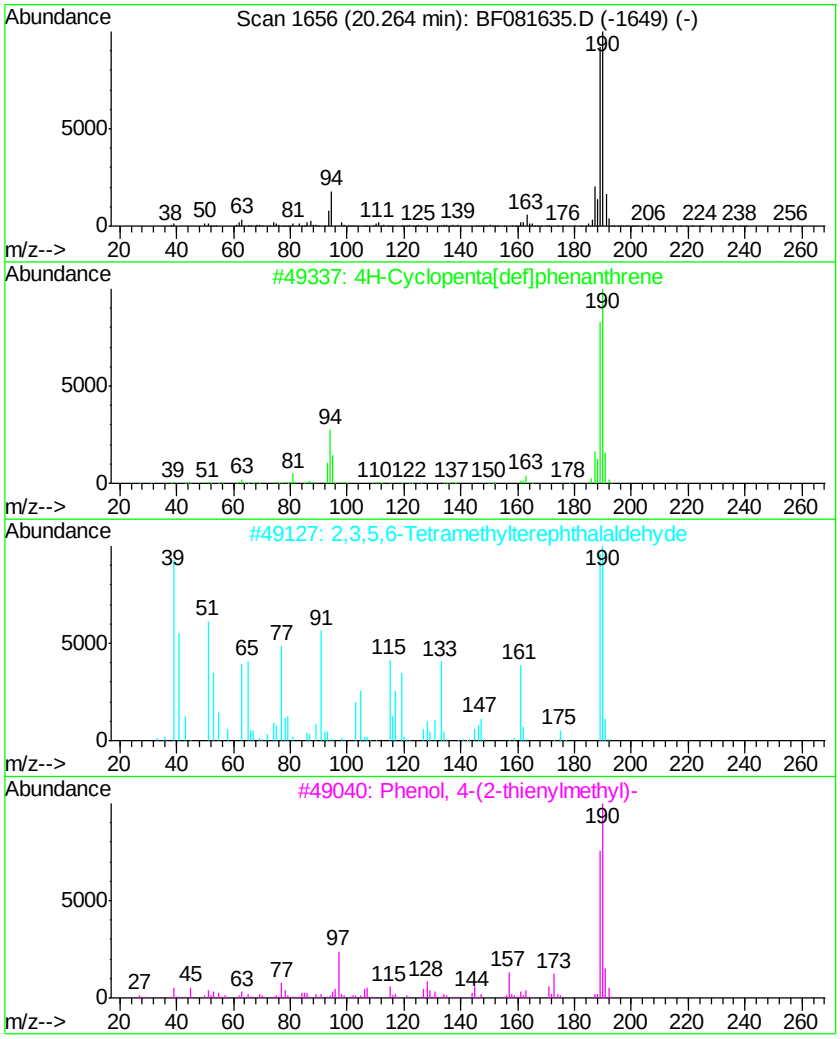
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

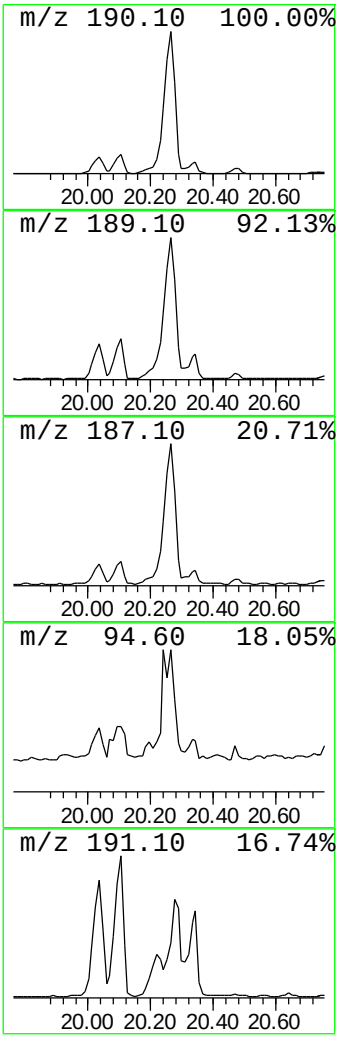
****

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.26	3.49 ng	3335700	Phenanthrene-d10	18.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	59
3	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	59
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	50
5	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	45





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Sample : G3579-01
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ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLARKST-ESMI-2RE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
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TIC Integration Parameters: LSCINT.P

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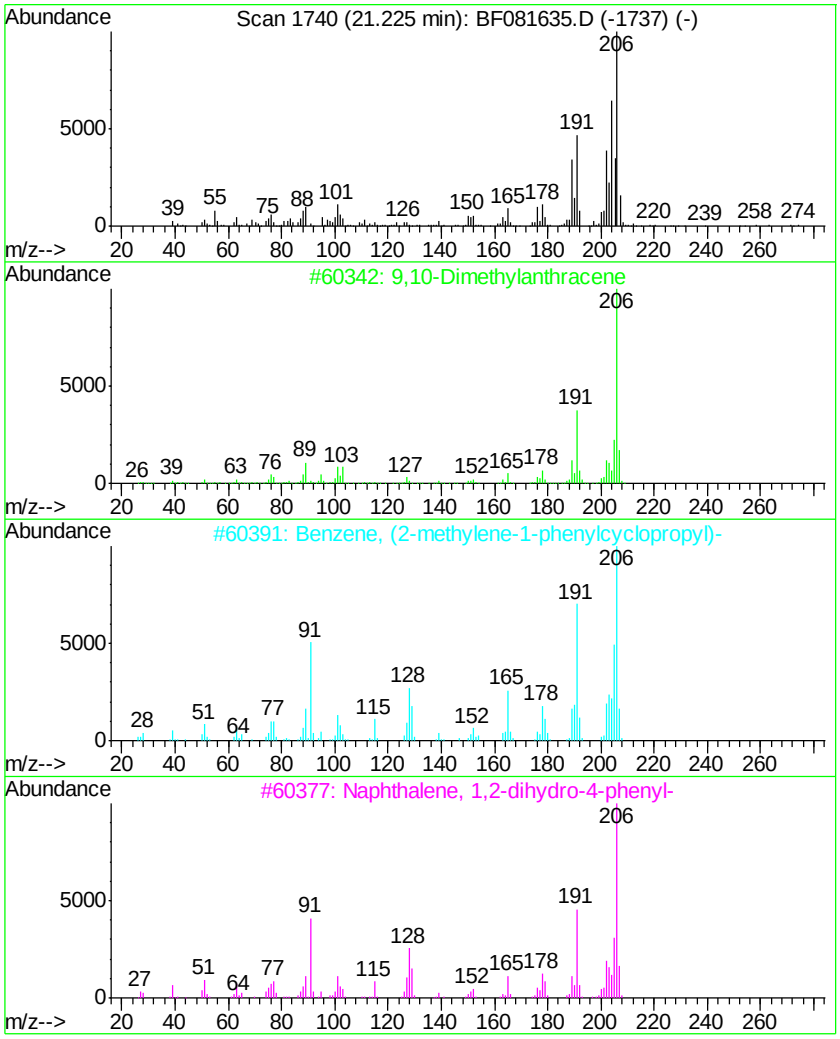
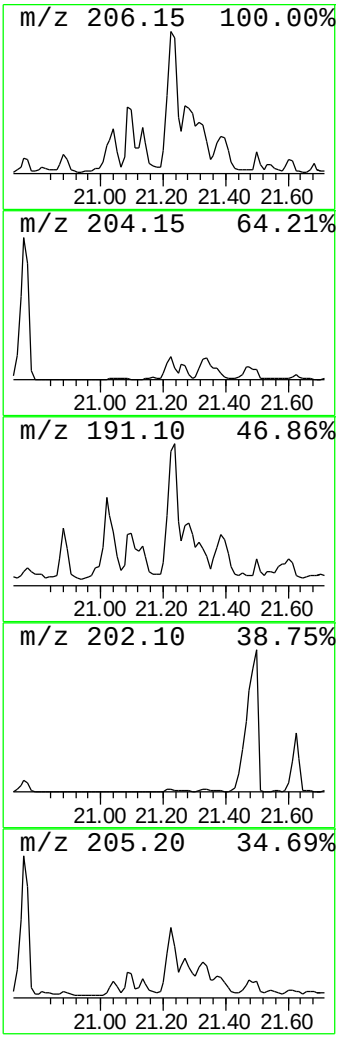
Peak Number 11 9,10-Dimethylanthracene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.22	3.85 ng	674173	Chrysene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	83
2	Benzene, (2-methylene-1-phenylcy...	206	C16H14	025152-47-0	78
3	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	78
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	78
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	64





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Data File : BF081635.D
Acq On : 15 Sep 2015 18:35
Operator : UM/IZ
Sample : G3579-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLARKST-ESMI-2RE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

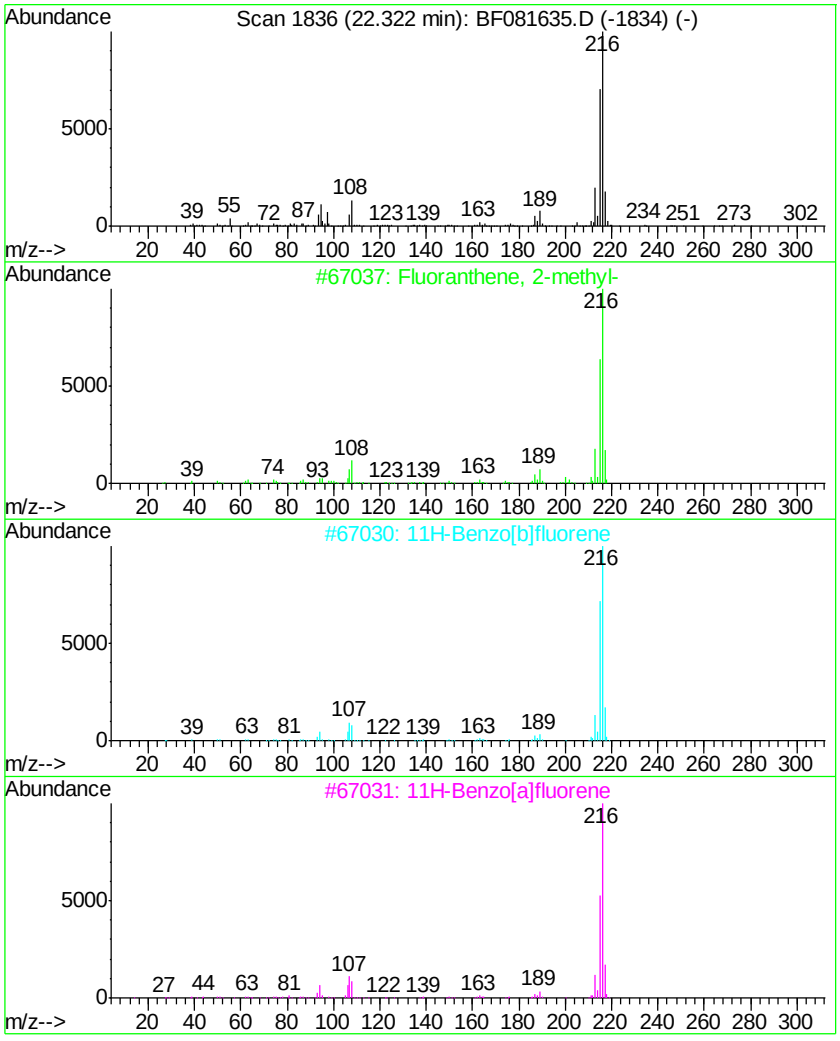
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

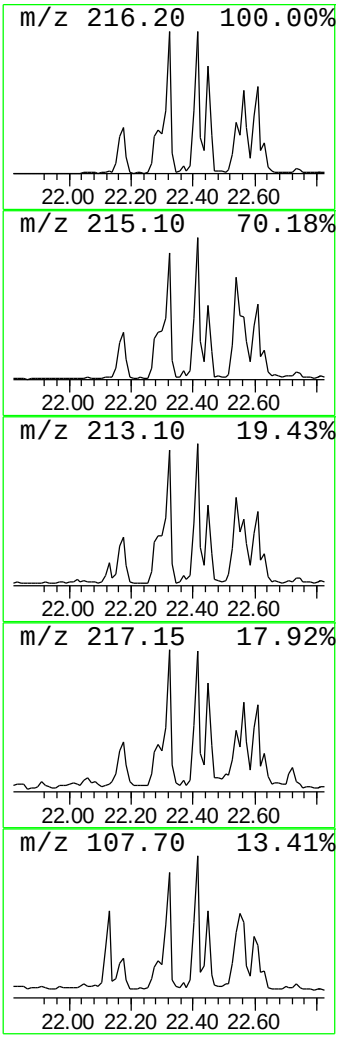
****

Peak Number 13 Fluoranthene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.32	4.80 ng	840212	Chrysene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	87





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Data File : BF081635.D
Acq On : 15 Sep 2015 18:35
Operator : UM/IZ
Sample : G3579-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLARKST-ESMI-2RE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

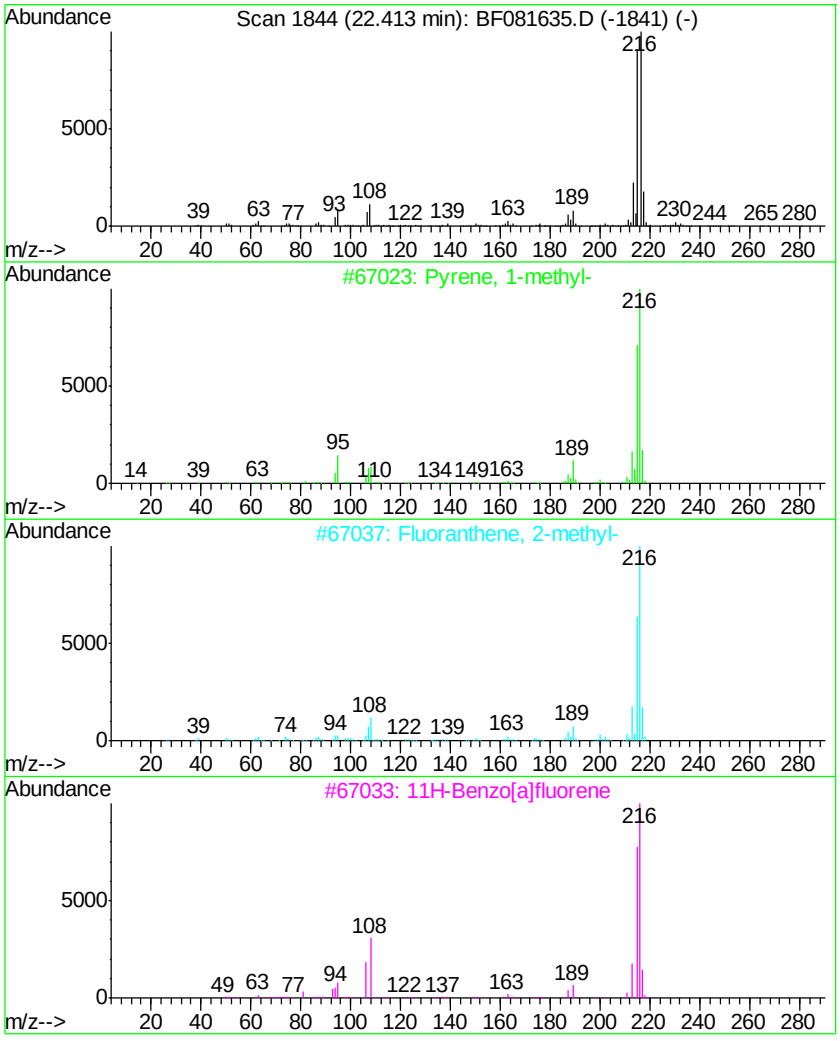
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

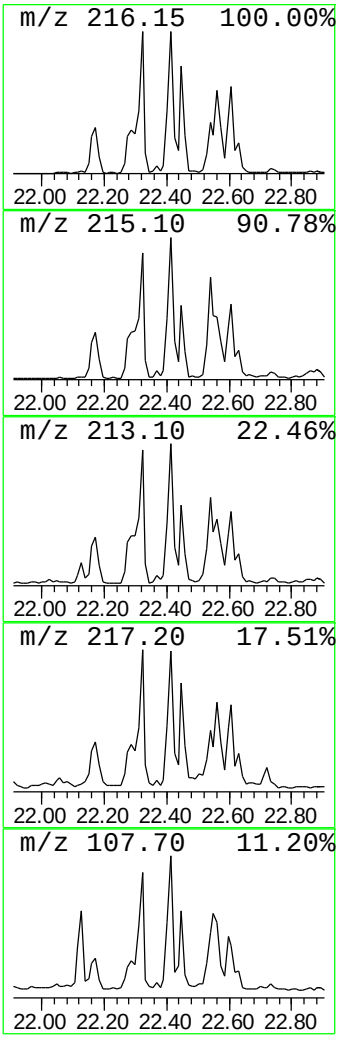
****

Peak Number 14 Pyrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.41	5.53 ng	968021	Chrysene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091515\
Data File : BF081635.D
Acq On : 15 Sep 2015 18:35
Operator : UM/IZ
Sample : G3579-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLARKST-ESMI-2RE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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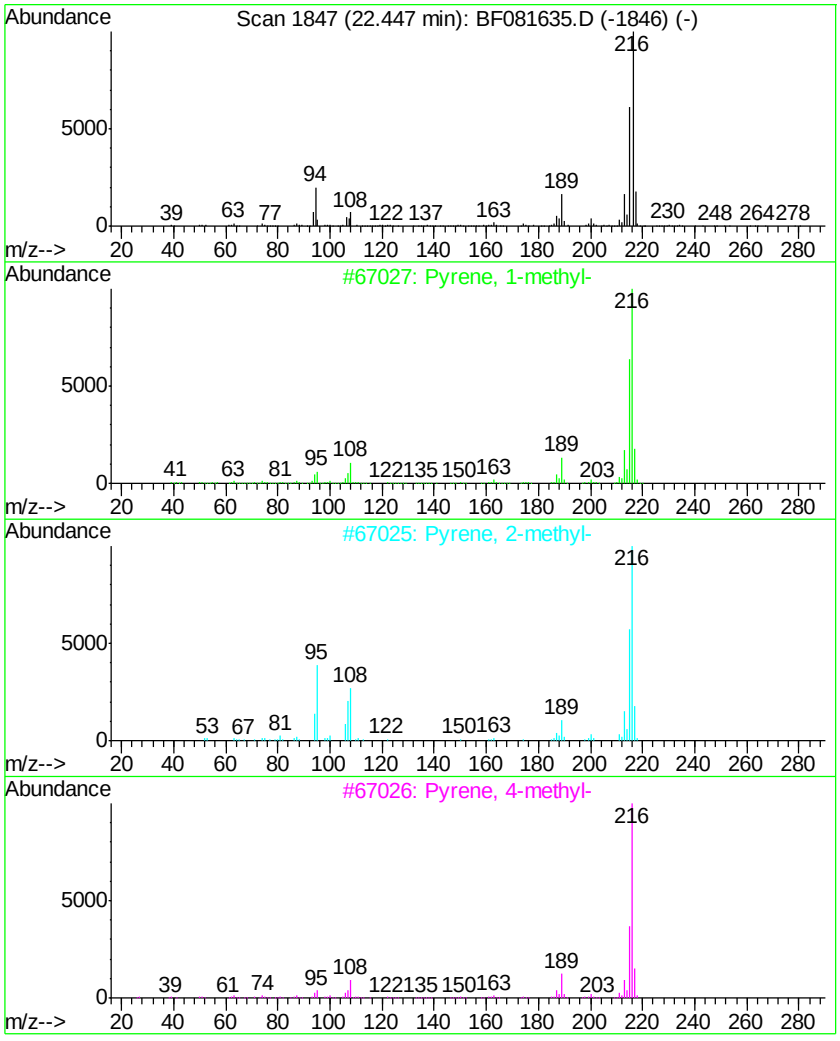
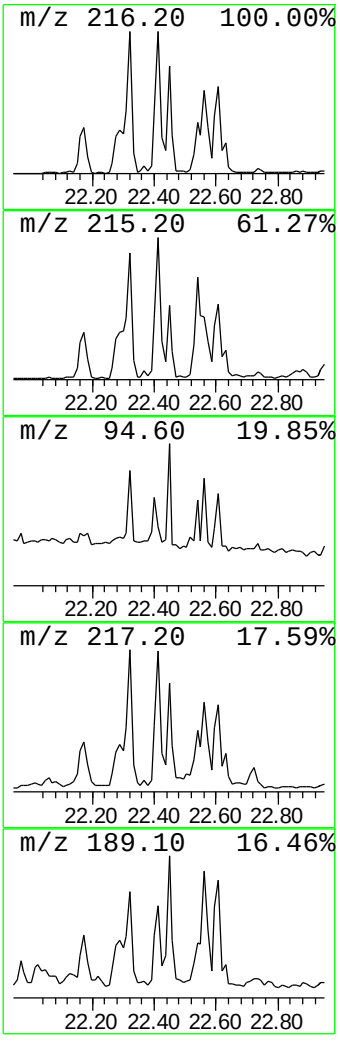
Peak Number 15 Pyrene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.45	3.24 ng	567233	Chrysene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	89
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





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Operator : UM/IZ
Sample : G3579-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLARKST-ESMI-2RE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
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TIC Library : C:\DATABASE\NIST02.L
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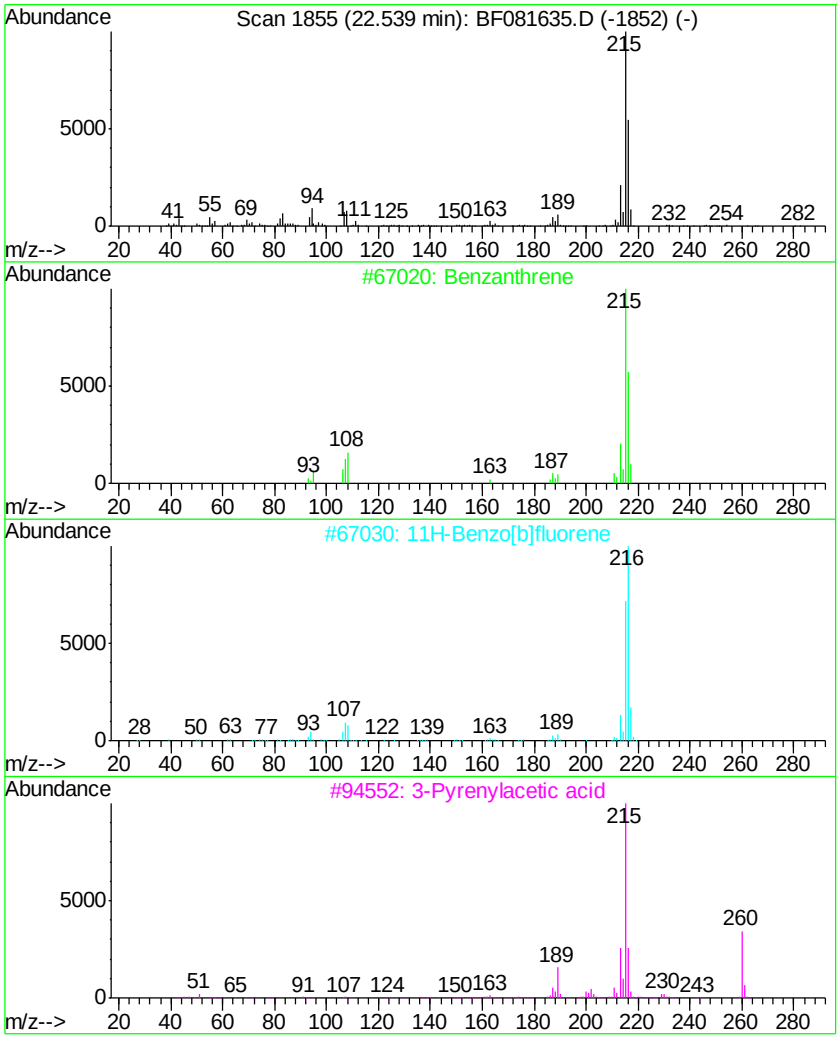
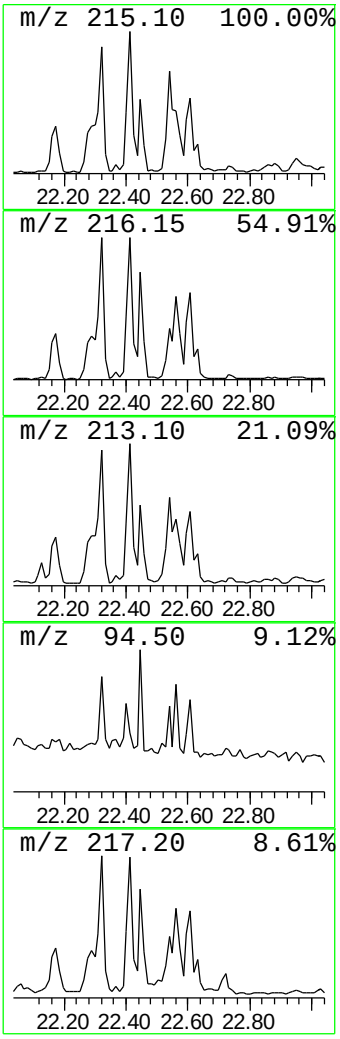
Peak Number 16 Benzanthrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.54	3.66 ng	641447	Chrysene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzanthrene	216	C17H12	000199-94-0	74
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	64
3	3-Pyrenylacetic acid	260	C18H12O2	064709-55-3	59
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	49
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	45





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Instrument : BNA_F
ClientSampleId : NYSEG-CLARKST-ESMI-2RE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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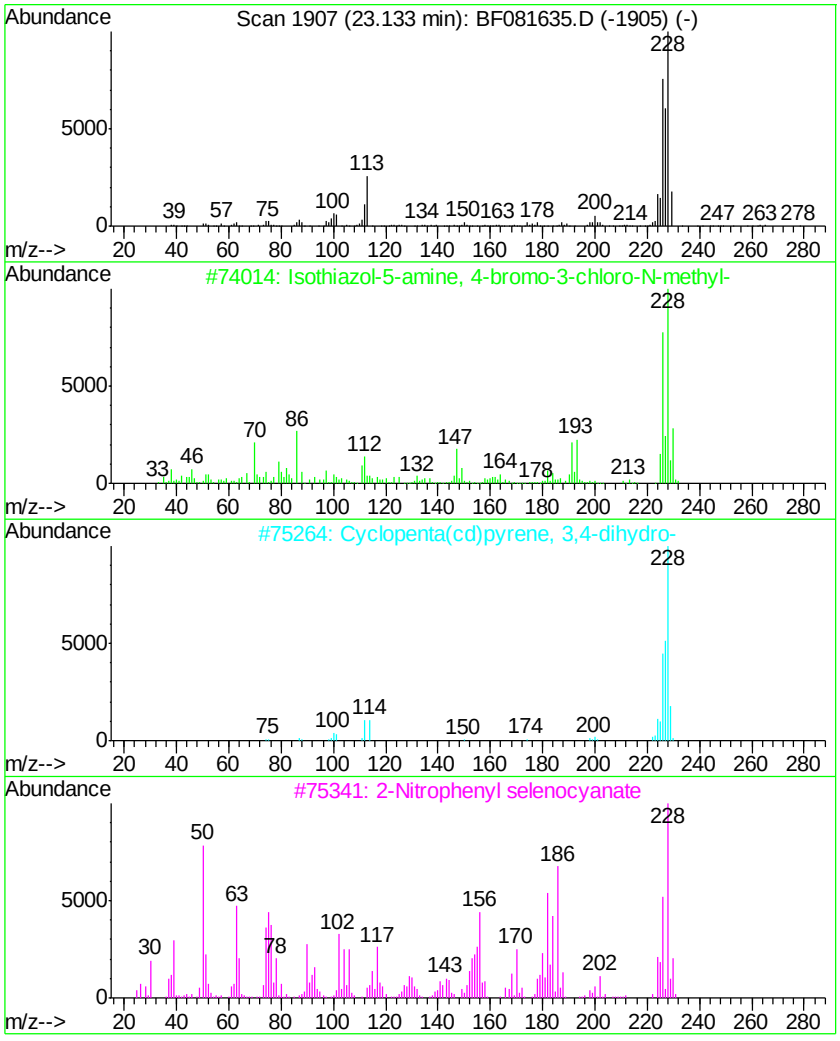
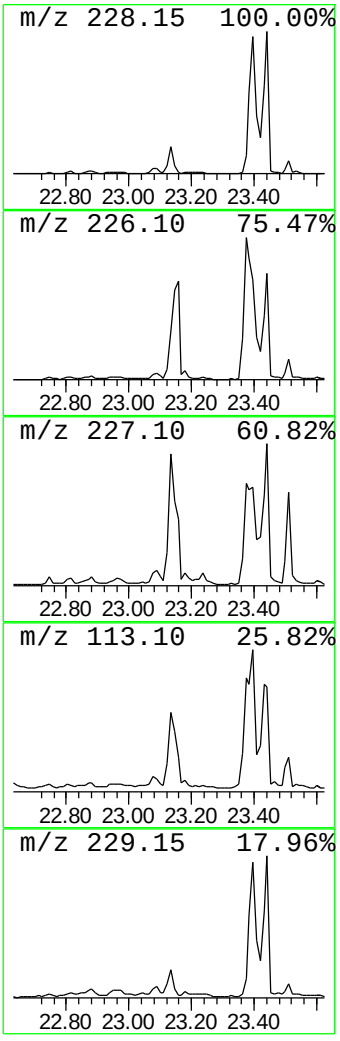
Peak Number 18 Isothiazol-5-amine, 4-bromo... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.13	5.29 ng	926833	Chrysene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	59
2	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	55
3	2-Nitrophenyl selenocyanate	228	C7H4N2O2Se	051694-22-5	47
4	Benz[a]anthracene	228	C18H12	000056-55-3	41
5	Naphthacene	228	C18H12	000092-24-0	38





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Sample : G3579-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLARKST-ESMI-2RE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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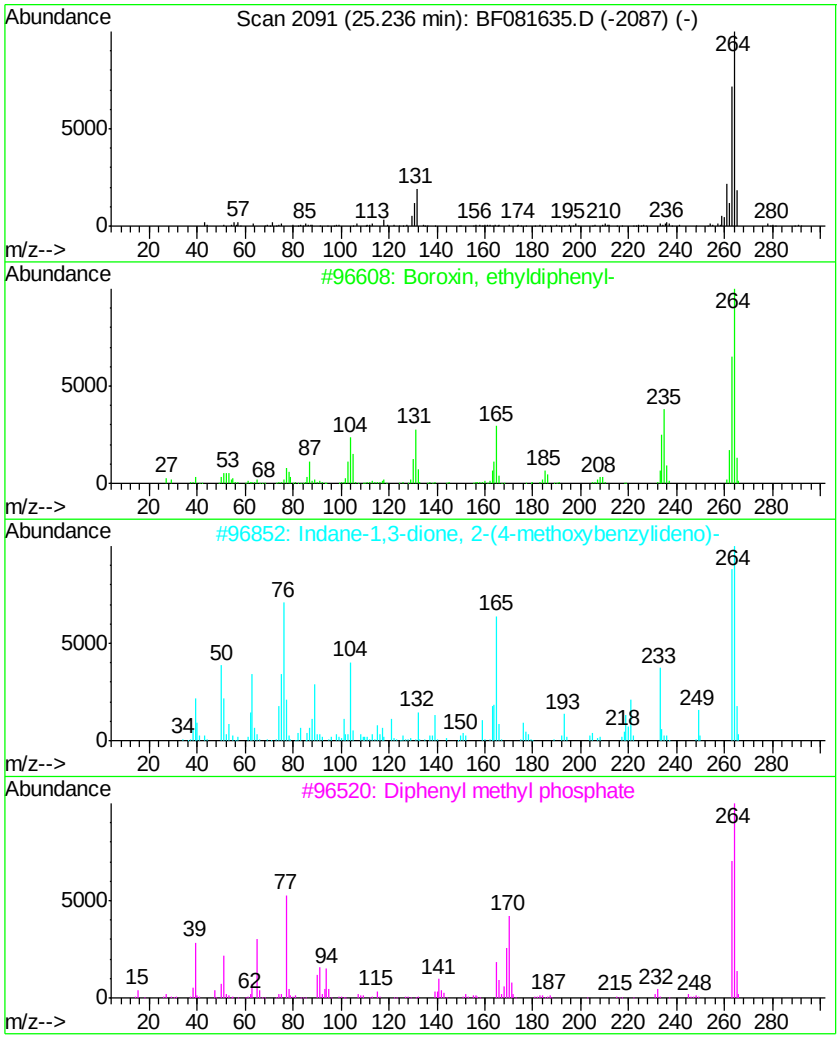
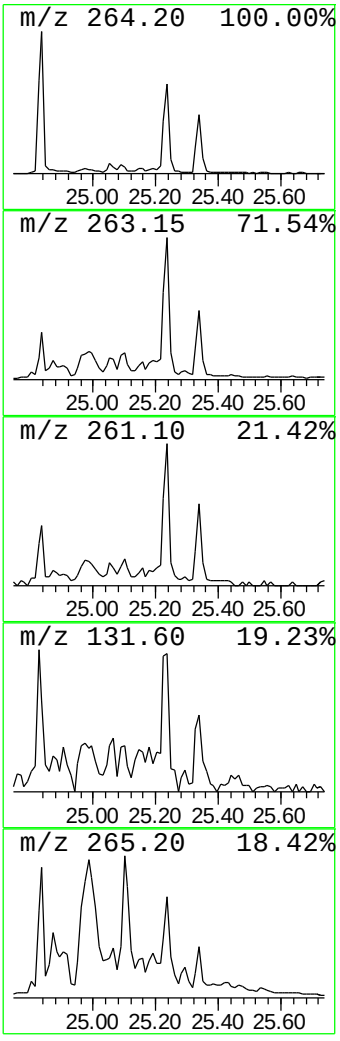
Peak Number 20 Boroxin, ethyldiphenyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.24	3.23 ng	306233	Perylene-d12	24.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Boroxin, ethyldiphenyl-	264	C14H15B3O3	1000151-82-0	72
2	Indane-1,3-dione, 2-(4-methoxybe...	264	C17H12O3	007421-76-3	50
3	Diphenyl methyl phosphate	264	C13H13O4P	000115-89-9	40
4	Tricyclo[10.2.2.2(5,8)]octadeca-...	264	C20H24	024777-38-6	37
5	7-Carbomethoxy-5,8-dimethoxy-1-t...	264	C14H16O5	122136-07-6	30





Tentatively Identified Compound (LSC) summary

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Data File : BF081635.D
Acq On : 15 Sep 2015 18:35
Operator : UM/IZ
Sample : G3579-01
Misc :
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Instrument : BNA_F
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.50	56.4	ng	1212380	1	8.22	429990	20.0
unknown7.74	7.74	100.3	ng	2155460	1	8.22	429990	20.0
Benzene, 1,2,3-tr...	7.85	16.9	ng	363481	1	8.22	429990	20.0
Indane	8.59	19.8	ng	424827	1	8.22	429990	20.0
Benzene, 1-methyl...	9.02	14.9	ng	320365	1	8.22	429990	20.0
Naphthalene, 1-me...	13.08	11.0	ng	4868250	2	11.13	8877100	20.0
Naphthalene, 1-et...	14.18	3.7	ng	2722450	3	15.27	14714200	20.0
4H-Cyclopenta[def...	20.26	3.5	ng	3335700	4	18.80	19088800	20.0
9,10-Dimethylanth...	21.22	3.9	ng	674173	5	23.41	3504150	20.0
Fluoranthene, 2-m...	22.32	4.8	ng	840212	5	23.41	3504150	20.0
Pyrene, 1-methyl-	22.41	5.5	ng	968021	5	23.41	3504150	20.0
Pyrene, 2-methyl-	22.45	3.2	ng	567233	5	23.41	3504150	20.0
Benzanthrene	22.54	3.7	ng	641447	5	23.41	3504150	20.0
Isothiazol-5-amin...	23.13	5.3	ng	926833	5	23.41	3504150	20.0
Boroxin, ethyldip...	25.24	3.2	ng	306233	6	24.84	1894630	20.0