LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005249.D
Acq On : 05 May 2016 23:53
Operator : UM/SJ
Sample : H2813-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7R9

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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_M\METHODS\SOM02.2-EPA-BM050516.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.434	459	467	476	rBV	57265	116547	1.14%	0.175%
2	6.945	716	724	729	rVV2	65351	131549	1.28%	0.197%
3	6.998	729	733	740	rVB	78591	114266	1.11%	0.171%
4	7.110	745	752	758	rBV	257621	415559	4.05%	0.623%
5	7.304	779	785	794	rBV	256819	421975	4.11%	0.633%
6	7.422	798	805	812	rVV	173189	275299	2.68%	0.413%
7	7.498	812	818	826	rVB	72661	123513	1.20%	0.185%
8	7.775	856	865	872	rBV	292832	482593	4.70%	0.723%
9	8.145	920	928	938	rBV	538124	883820	8.61%	1.325%
10	8.304	949	955	967	rVB	825671	1376713	13.41%	2.064%
11	8.475	979	984	994	rVB	208088	339812	3.31%	0.509%
12	8.928	1056	1061	1072	rVB2	337376	641732	6.25%	0.962%
13	9.245	1104	1115	1121	rBV	119748	254959	2.48%	0.382%
14	9.651	1178	1184	1195	rVB	283380	481099	4.69%	0.721%
15	9.810	1206	1211	1223	rVB	80969	127429	1.24%	0.191%
16	9.963	1230	1237	1248	rBV3	118514	306100	2.98%	0.459%
17	10.186	1269	1275	1285	rBV2	449592	806155	7.85%	1.208%
18	10.569	1330	1340	1342	rBV	417814	759903	7.40%	1.139%
19	10.627	1342	1350	1357	rVV	4578141	10263673	100.00%	15.384%
20	10.733	1360	1368	1377	rVB	447859	770017	7.50%	1.154%
21	12.121	1598	1604	1614	rVB	65380	112649	1.10%	0.169%
22	12.233	1614	1623	1630	rBV	2895322	5191020	50.58%	7.781%
23	12.345	1636	1642	1648	rVB	78659	135028	1.32%	0.202%
24	12.451	1648	1660	1670	rVB	1751267	2978927	29.02%	4.465%
25	13.245	1785	1795	1801	rBV	749120	1130902	11.02%	1.695%
26	13.439	1822	1828	1840	rVB	190524	342882	3.34%	0.514%
27	13.586	1840	1853	1862	rBV2	237704	621677	6.06%	0.932%
28	13.733	1871	1878	1883	rBV	330270	604537	5.89%	0.906%
29	13.786	1883	1887	1889	rVV	221040	309926	3.02%	0.465%
30	13.821	1889	1893	1905	rVB	865167	1260476	12.28%	1.889%
31	13.968	1912	1918	1922	rBV	126329	198286	1.93%	0.297%
32	14.110	1935	1942	1955	rVB	941389	1728210	16.84%	2.590%
33	14.415	1983	1994	1999	rBV3	758210	1345314	13.11%	2.017%
34	14.480	1999	2005	2012	rVV	2489572	4019875	39.17%	6.025%

LSC Area Percent Report

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Acq On : 05 May 2016 23:53
Operator : UM/SJ
Sample : H2813-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7R9

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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_M\METHODS\SOM02.2-EPA-BM050516.M
Title : SVOA CALIBRATION

35	14.551	2012	2017	2024	rVV	132231	184999	1.80%	0.277%
36	14.627	2024	2030	2039	rVV3	67599	130627	1.27%	0.196%
37	14.727	2039	2047	2051	rVB	67352	107096	1.04%	0.161%
38	14.815	2056	2062	2071	rVB	1563891	2415453	23.53%	3.621%
39	15.410	2153	2163	2168	rBV	1259208	1903475	18.55%	2.853%
40	15.468	2168	2173	2180	rVB	1666003	2389971	23.29%	3.582%
41	15.539	2180	2185	2191	rBV	418026	665626	6.49%	0.998%
42	15.627	2196	2200	2205	rVB2	116066	161154	1.57%	0.242%
43	15.757	2218	2222	2230	rVB	126250	177692	1.73%	0.266%
44	15.904	2238	2247	2256	rVB	132165	269214	2.62%	0.404%
45	16.468	2332	2343	2348	rBV	63601	136340	1.33%	0.204%
46	16.980	2422	2430	2442	rVB	221654	326334	3.18%	0.489%
47	17.162	2455	2461	2465	rBV2	983669	1605490	15.64%	2.406%
48	17.209	2465	2469	2474	rVB	2375141	3366376	32.80%	5.046%
49	17.262	2474	2478	2483	rBV2	1464208	2083264	20.30%	3.123%
50	17.568	2520	2530	2543	rVB	531626	763385	7.44%	1.144%
51	18.086	2614	2618	2622	rVV2	139967	190502	1.86%	0.286%
52	18.239	2637	2644	2648	rBV	191282	300420	2.93%	0.450%
53	19.221	2799	2811	2816	rBV	401968	572682	5.58%	0.858%
54	19.562	2862	2869	2882	rBV3	1805945	2940915	28.65%	4.408%
55	19.968	2934	2938	2946	rBV	90480	121851	1.19%	0.183%
56	21.074	3122	3126	3131	rVB	83192	107221	1.04%	0.161%
57	21.350	3168	3173	3182	rBV	1534100	2078923	20.26%	3.116%
58	23.485	3527	3536	3548	rBV2	1350422	2673161	26.04%	4.007%
59	23.627	3552	3560	3570	rVB2	999691	1970436	19.20%	2.954%

Sum of corrected areas: 66715029

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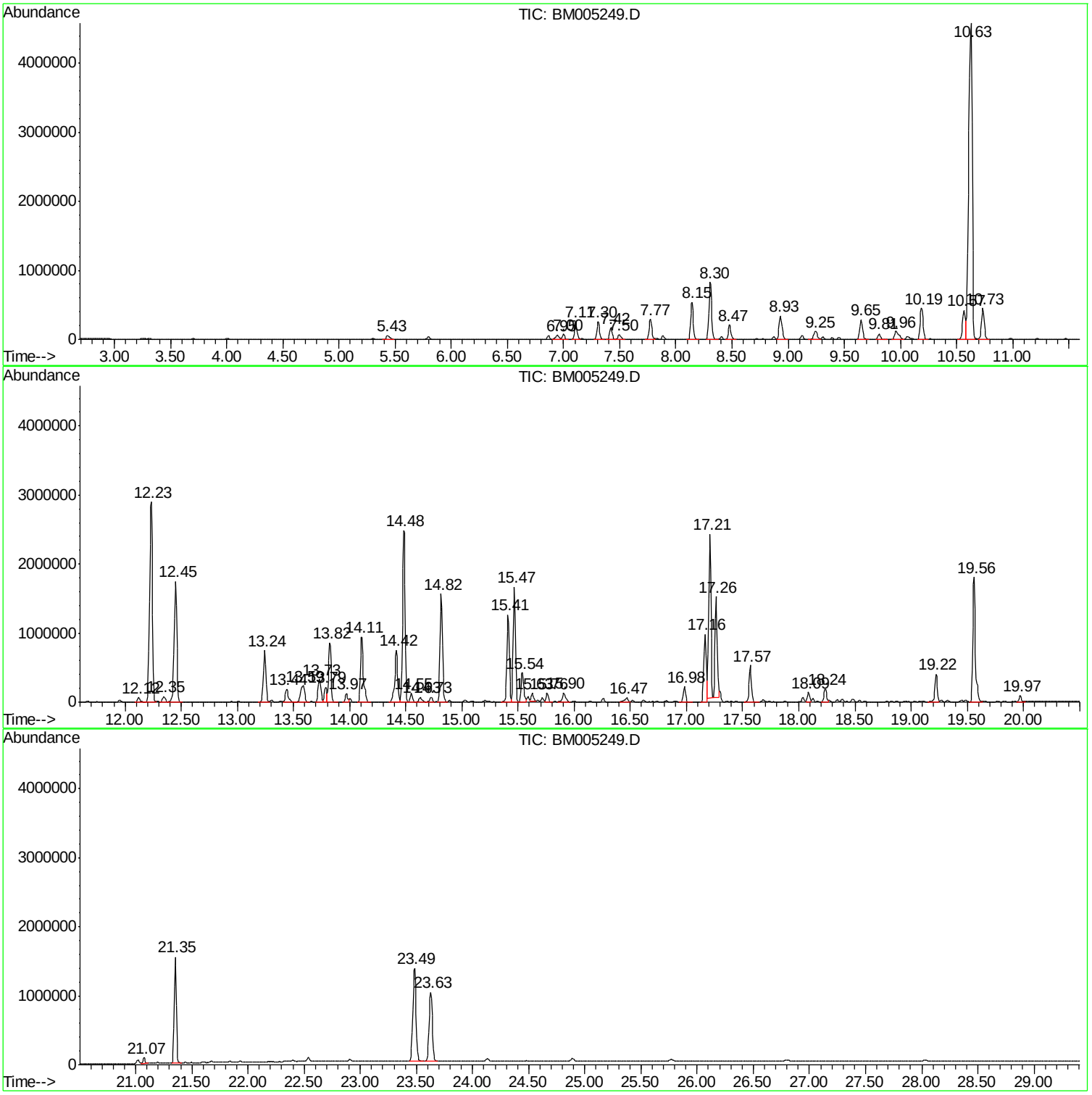
Instrument : BNA_M
ClientSampleId : BC7R9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

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



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Operator : UM/SJ
Sample : H2813-07
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Quant Title : SVOA CALIBRATION

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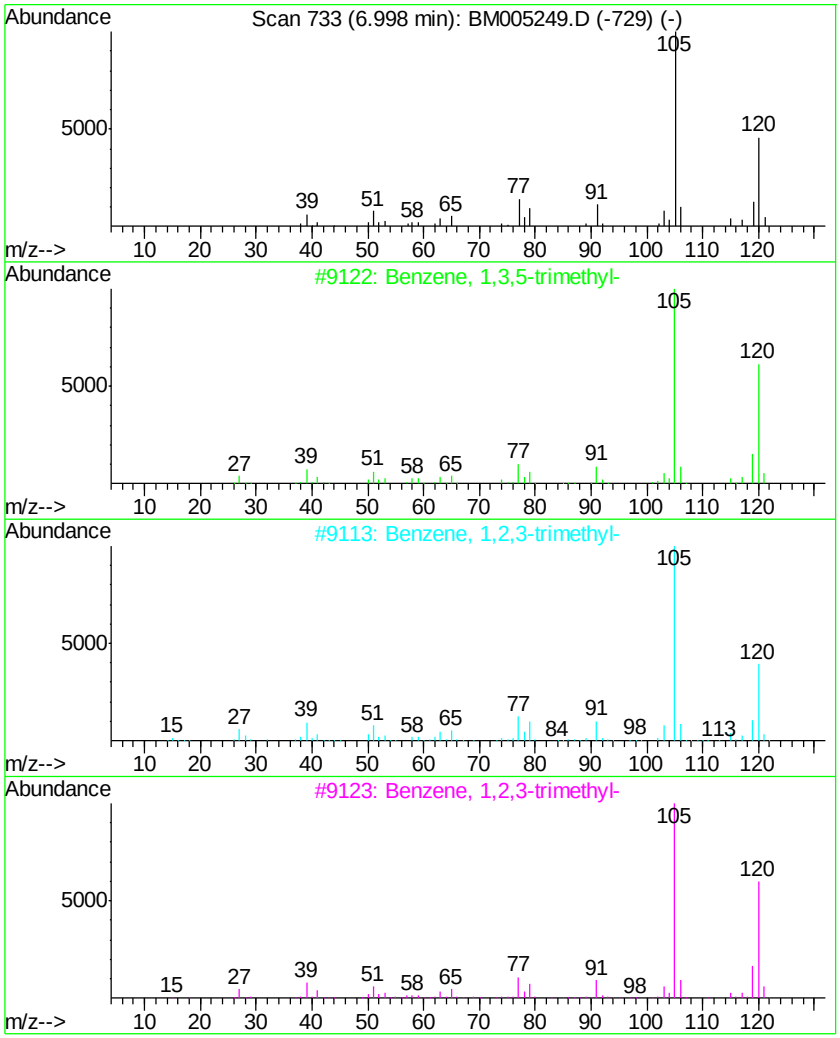
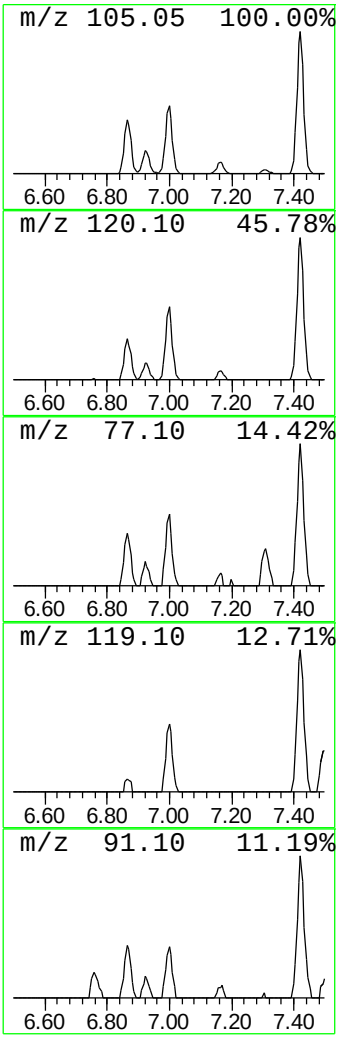
Peak Number 2 Benzene, 1,3,5-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	4.74 ng/ul	114266	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005249.D
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Operator : UM/SJ
Sample : H2813-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7R9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

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

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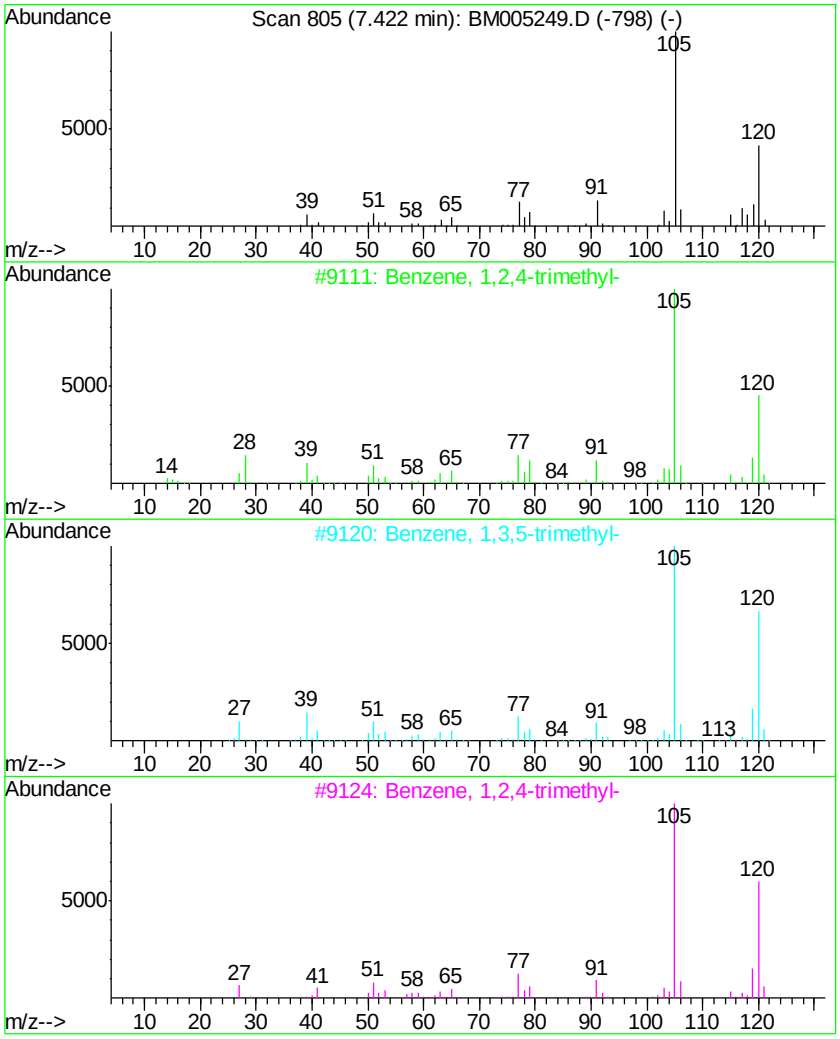
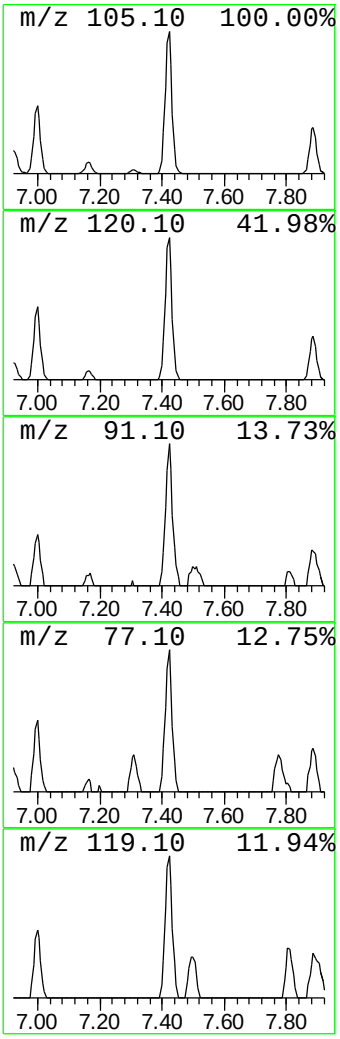
Peak Number 3 Benzene, 1,2,4-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	11.41 ng/ul	275299	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	90
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	90





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005249.D
Acq On : 05 May 2016 23:53
Operator : UM/SJ
Sample : H2813-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7R9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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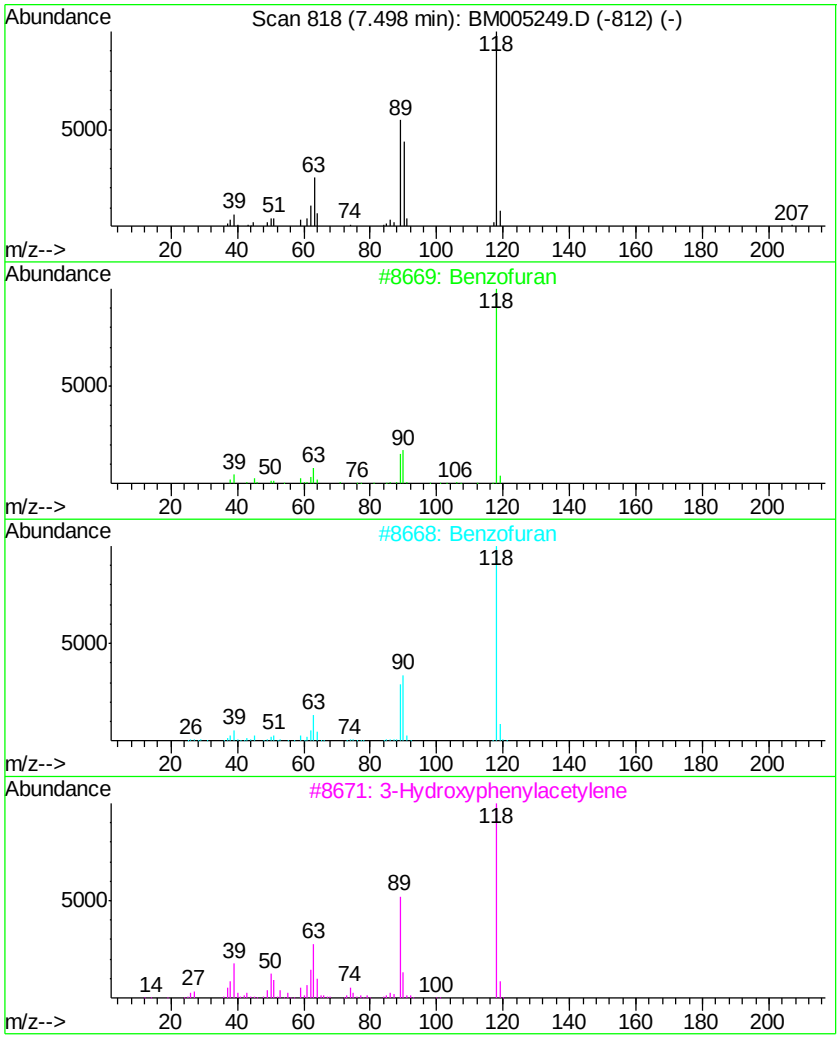
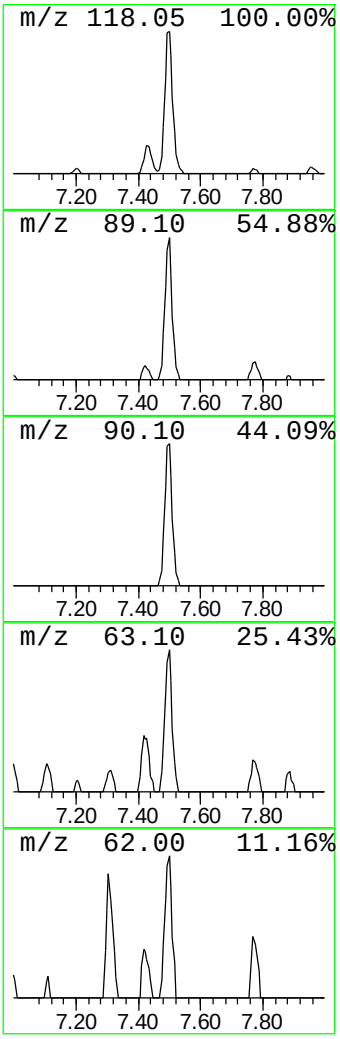
****

Peak Number 4 Benzofuran Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	5.12 ng/ul	123513	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	90
2	Benzofuran	118	C8H6O	000271-89-6	90
3	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	87
4	Benzofuran	118	C8H6O	000271-89-6	81
5	2H-1-Benzopyran-2-one	146	C9H6O2	000091-64-5	78





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Sample : H2813-07
Misc :
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Instrument : BNA_M
ClientSampleId : BC7R9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

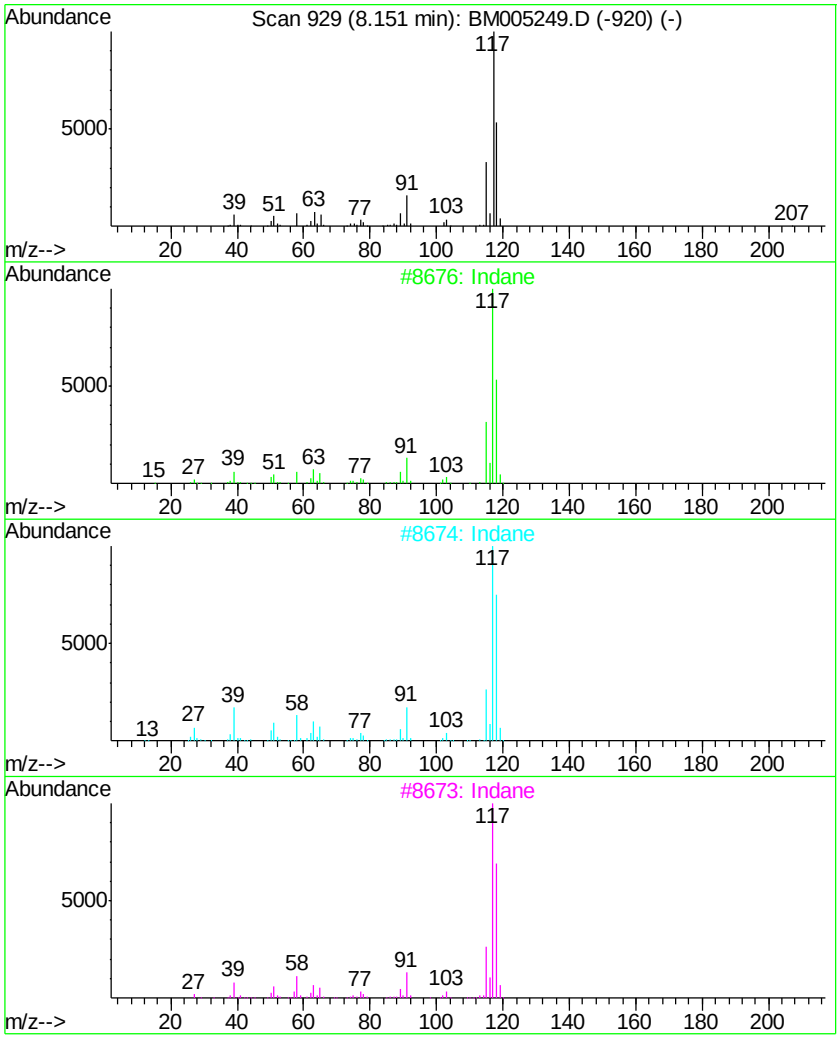
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

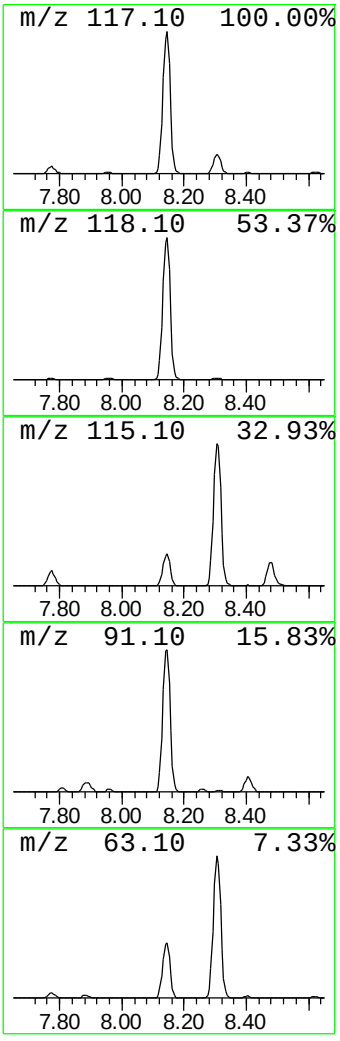
****

Peak Number 5 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.15	36.63 ng/ul	883820	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	91
3	Indane	118	C9H10	000496-11-7	83
4	Deltacyclene	118	C9H10	007785-10-6	72
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : BC7R9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

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

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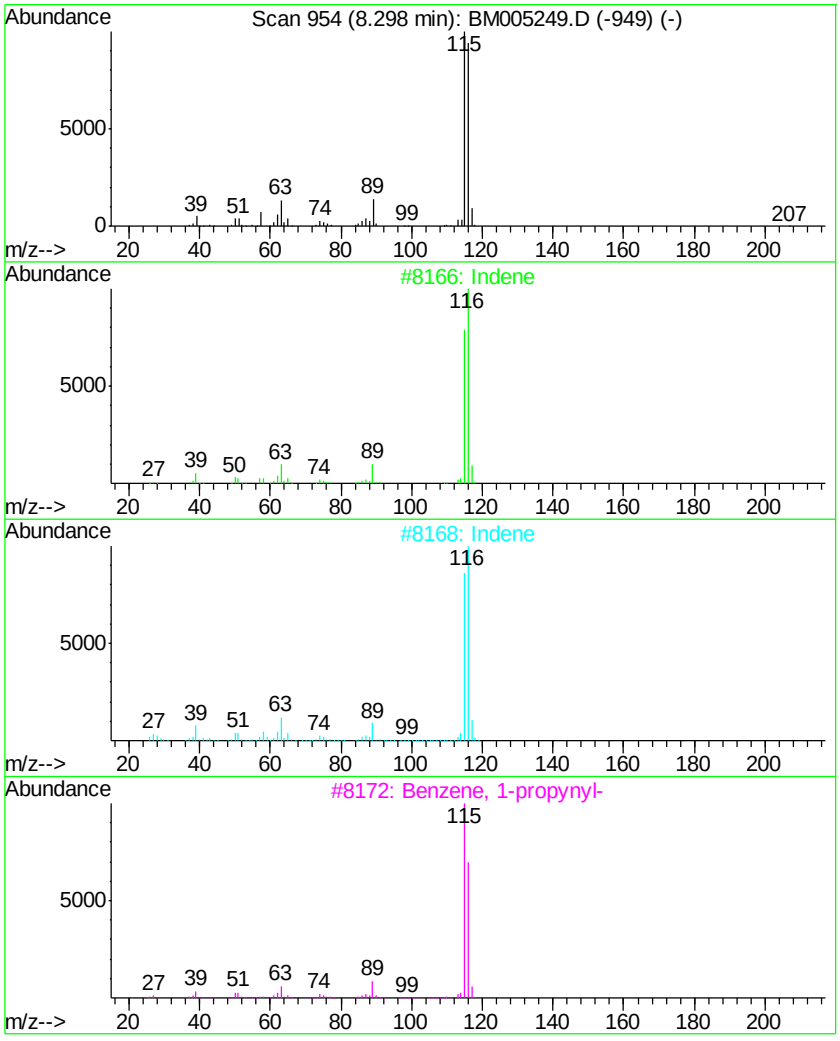
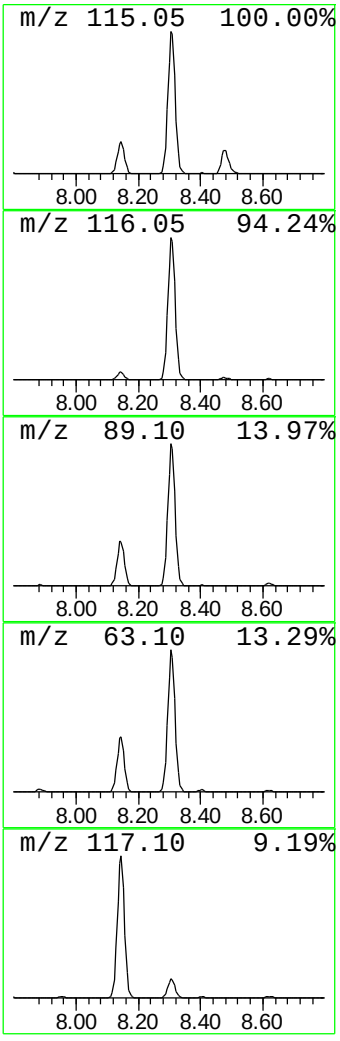
Peak Number 6 Indene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.30	57.05 ng/ul	1376710	1,4-Dichlorobenzene-d4	7.77

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





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Instrument : BNA_M
ClientSampleId : BC7R9

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Quant Title : SVOA CALIBRATION

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

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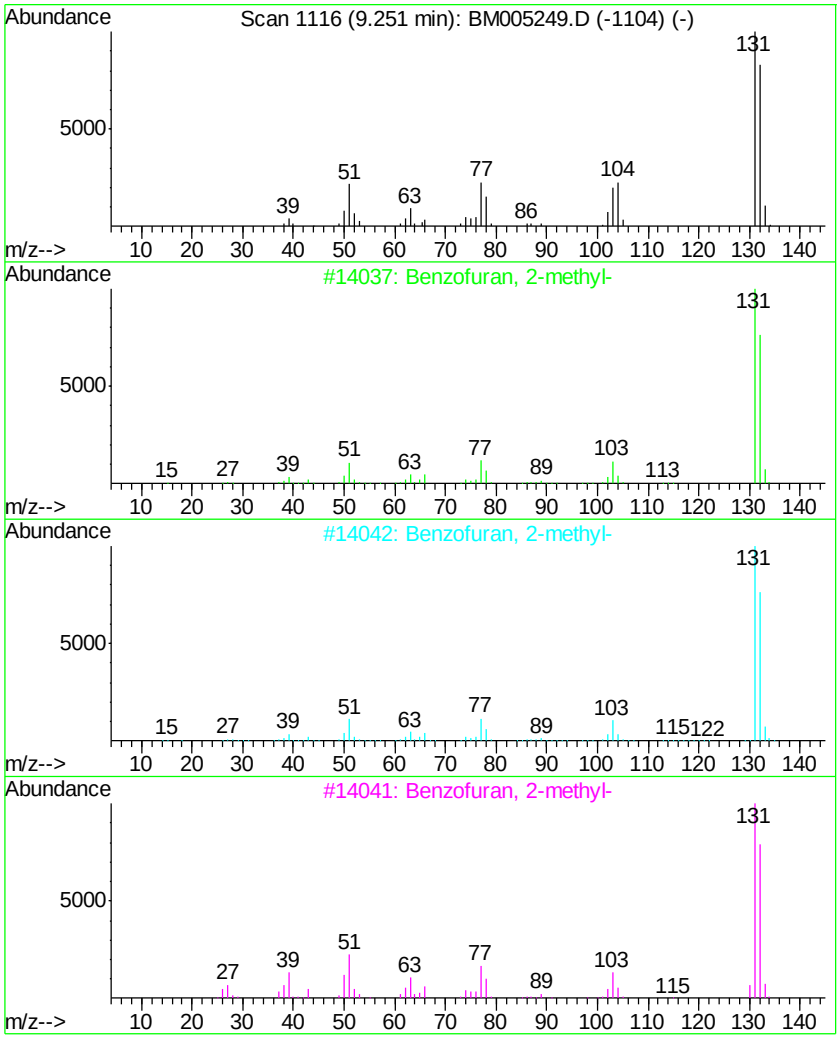
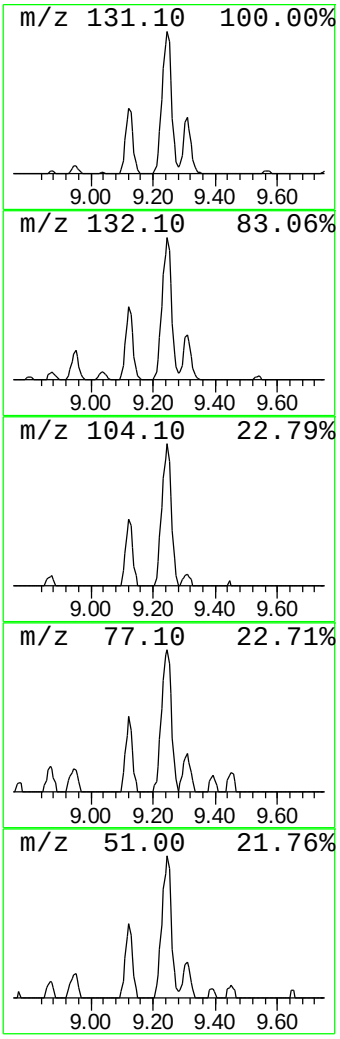
Peak Number 7 Benzofuran, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	6.71 ng/ul	254959	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90





Library Search Compound Report

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Operator : UM/SJ
Sample : H2813-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7R9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

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

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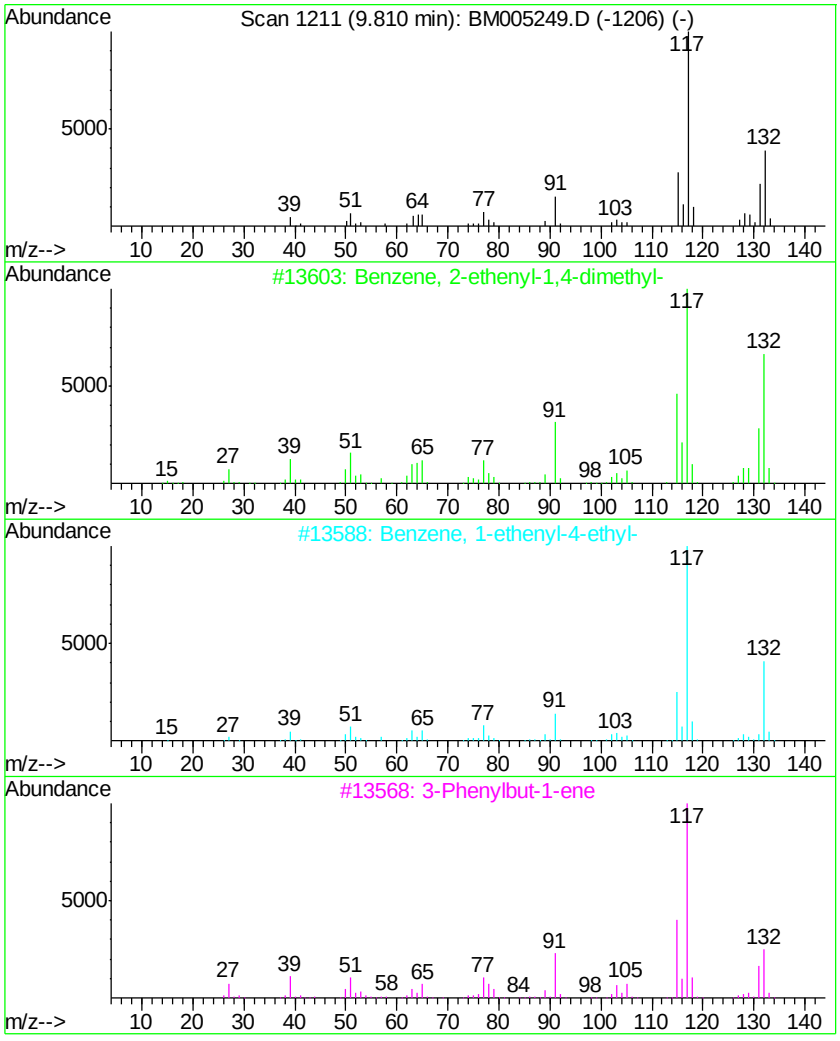
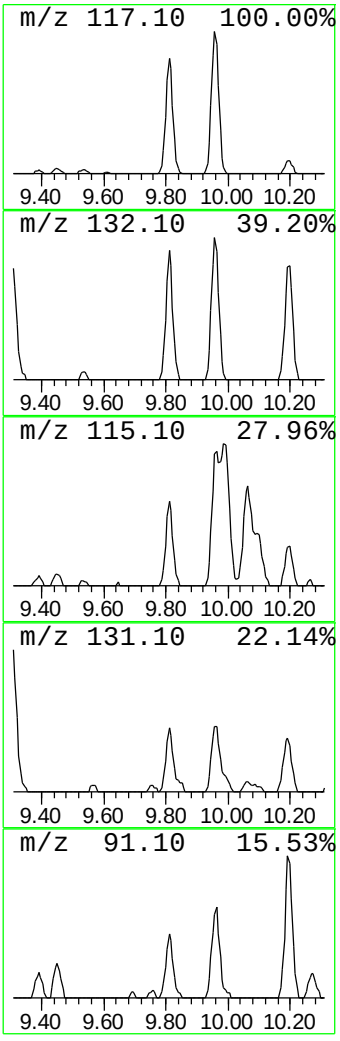
Peak Number 8 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.81	3.35 ng/ul	127429	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	91
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	87





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
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Sample : H2813-07
Misc :
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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

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

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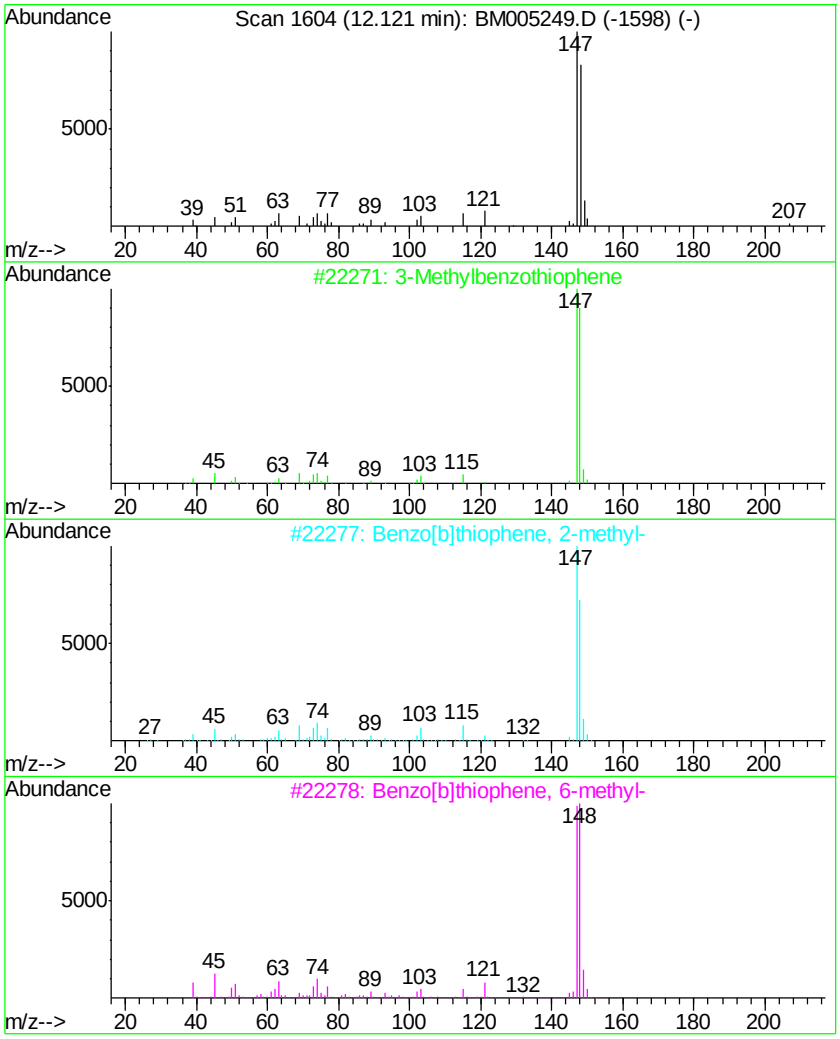
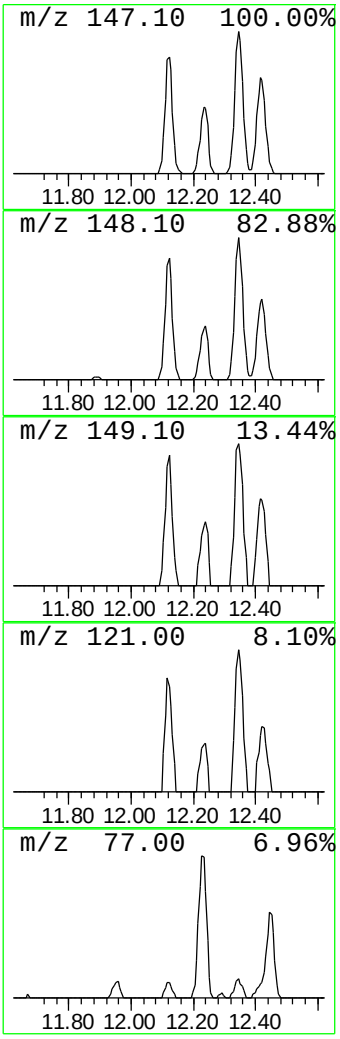
Peak Number 10 3-Methylbenzothiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	2.96 ng/ul	112649	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylbenzothiophene	148	C9H8S	001455-18-1	91
2	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
3	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	91
4	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	91
5	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91





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Data File : BM005249.D
Acq On : 05 May 2016 23:53
Operator : UM/SJ
Sample : H2813-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7R9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

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

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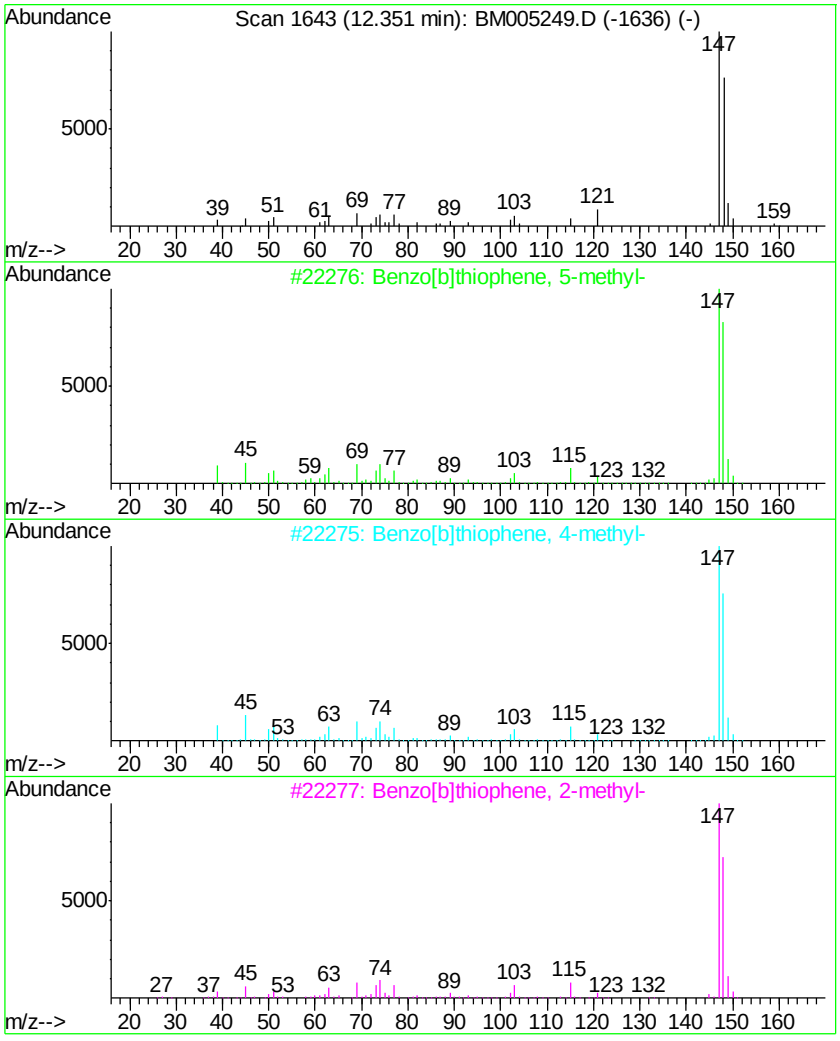
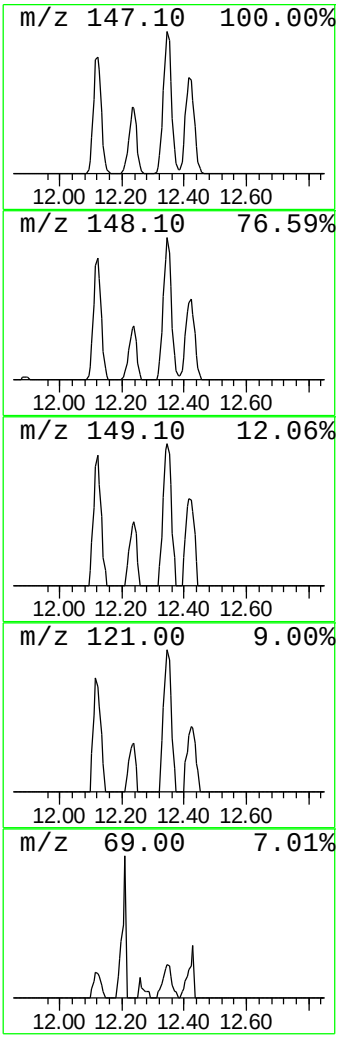
Peak Number 11 Benzo[b]thiophene, 5-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	3.55 ng/ul	135028	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	90
2	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	90
3	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	90
4	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	90
5	3-Methylbenzothiophene	148	C9H8S	001455-18-1	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005249.D
Acq On : 05 May 2016 23:53
Operator : UM/SJ
Sample : H2813-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7R9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

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

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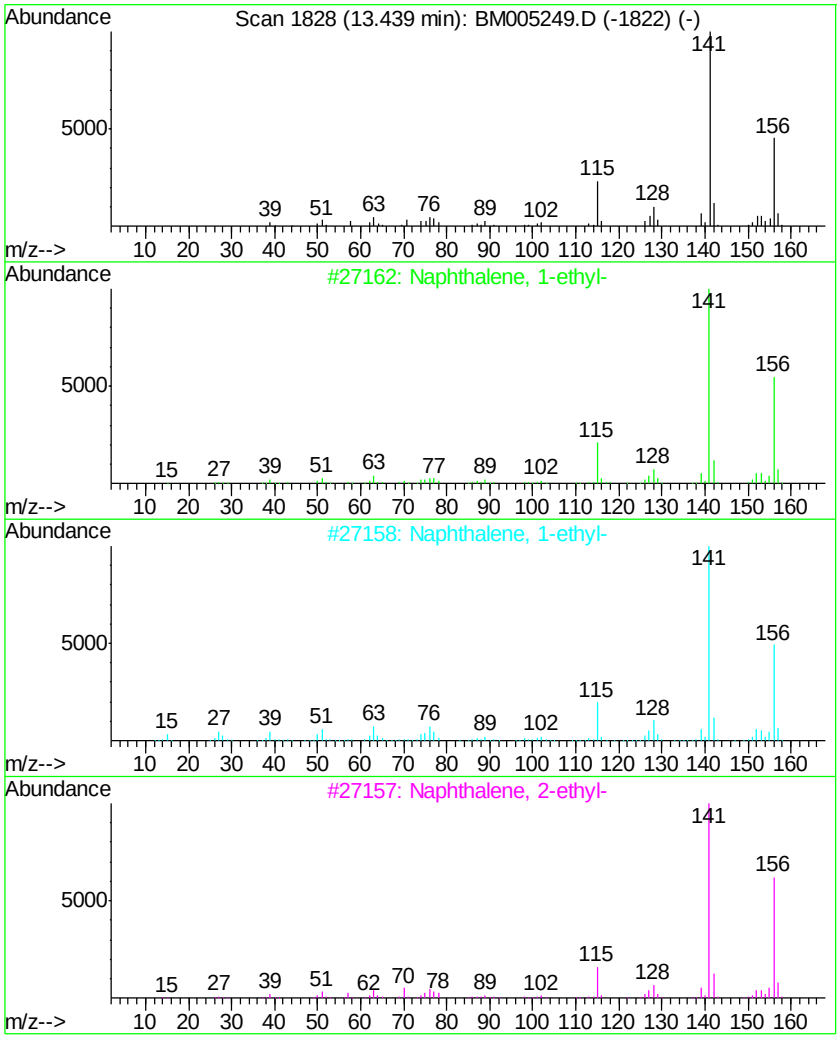
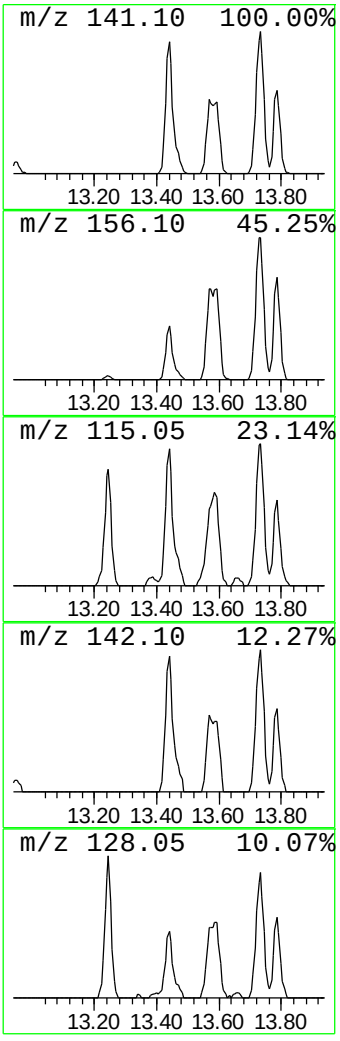
Peak Number 13 Naphthalene, 1-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	5.10 ng/ul	342882	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94





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Acq On : 05 May 2016 23:53
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Sample : H2813-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7R9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

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

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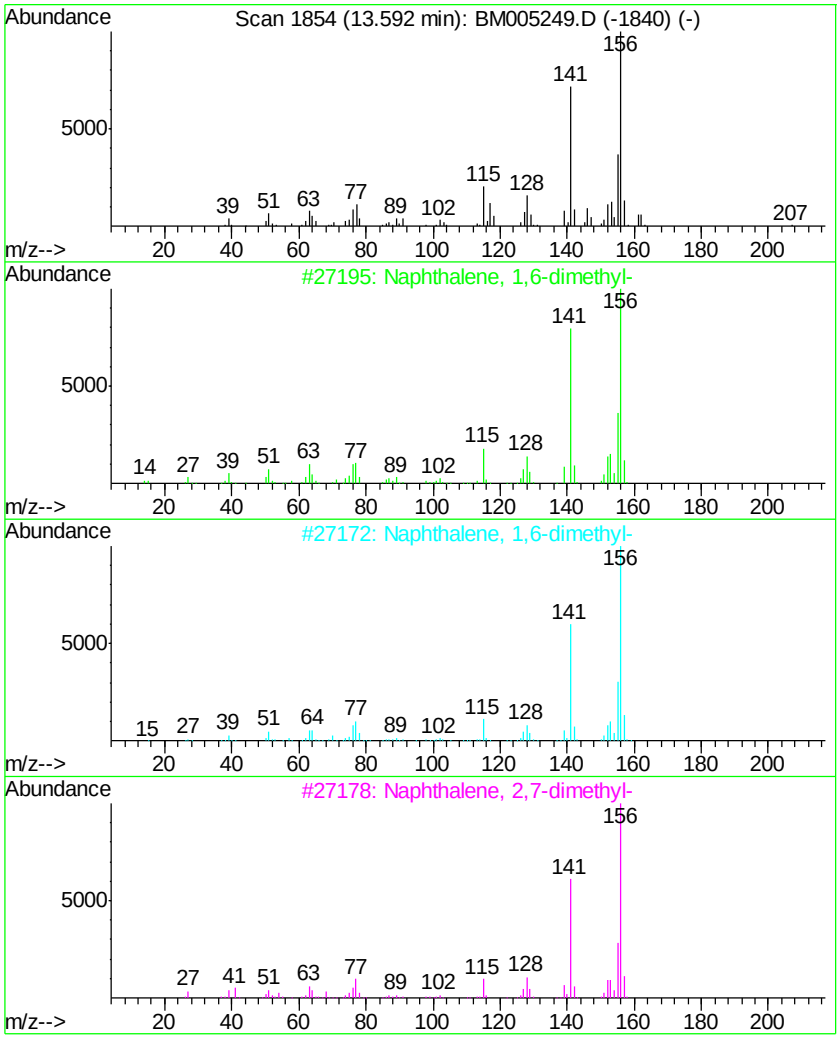
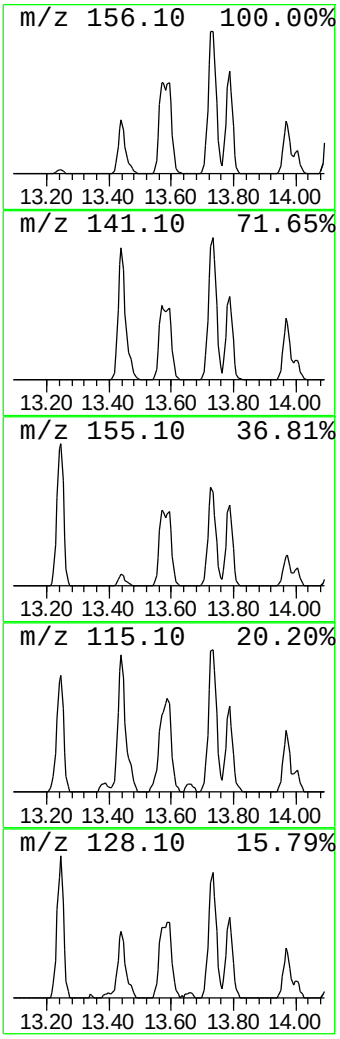
Peak Number 14 Naphthalene, 1,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	9.24 ng/ul	621677	Acenaphthene-d10	14.42

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





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Acq On : 05 May 2016 23:53
Operator : UM/SJ
Sample : H2813-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7R9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

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

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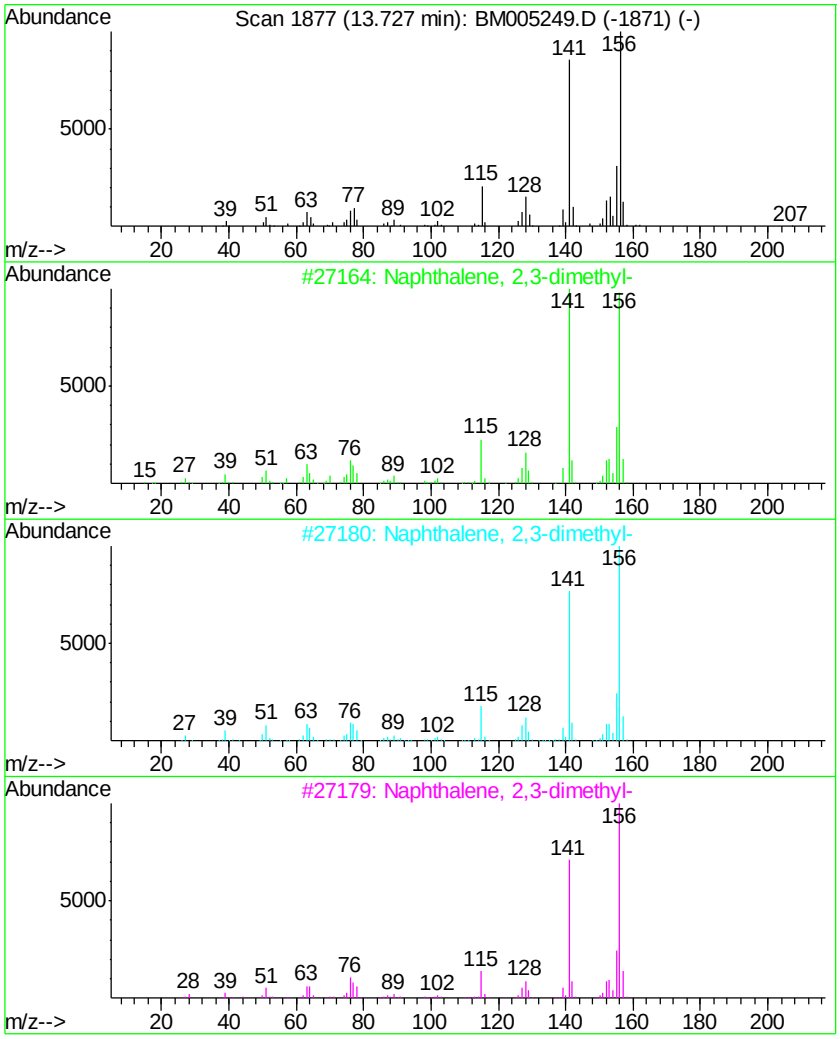
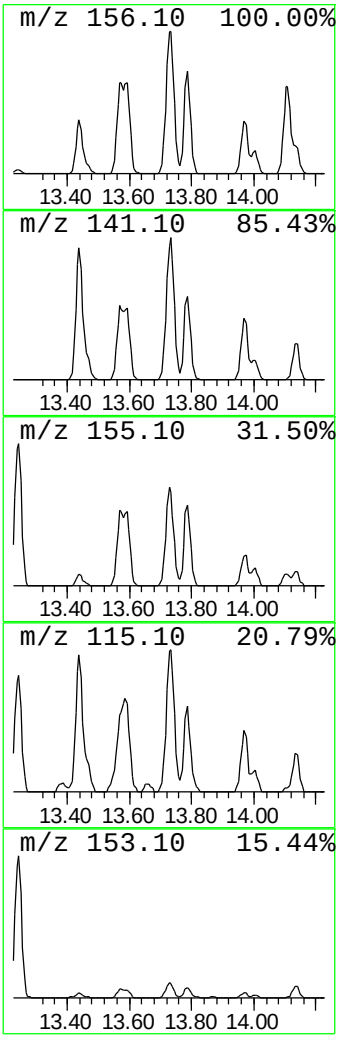
Peak Number 15 Naphthalene, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	8.99 ng/ul	604537	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97





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Acq On : 05 May 2016 23:53
Operator : UM/SJ
Sample : H2813-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7R9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

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

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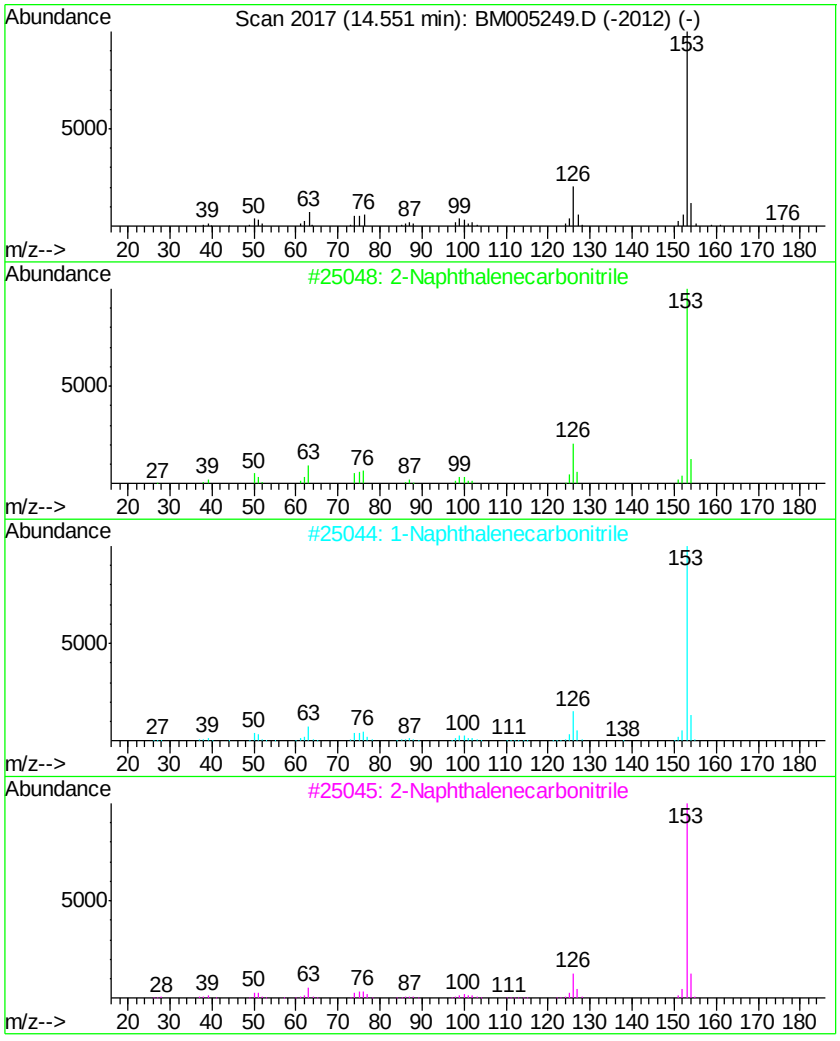
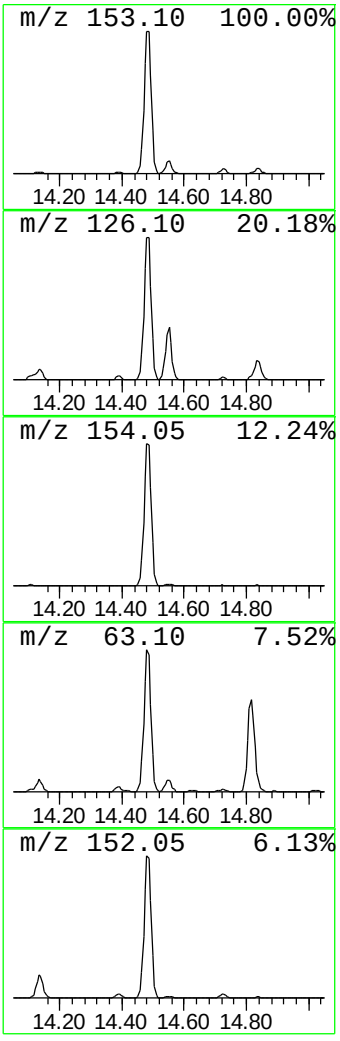
Peak Number 17 2-Naphthalenecarbonitrile Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	2.75 ng/ul	184999	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	97
2	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	97
3	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	94
4	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	93
5	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	91





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Acq On : 05 May 2016 23:53
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Instrument : BNA_M
ClientSampleId : BC7R9

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Quant Title : SVOA CALIBRATION

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

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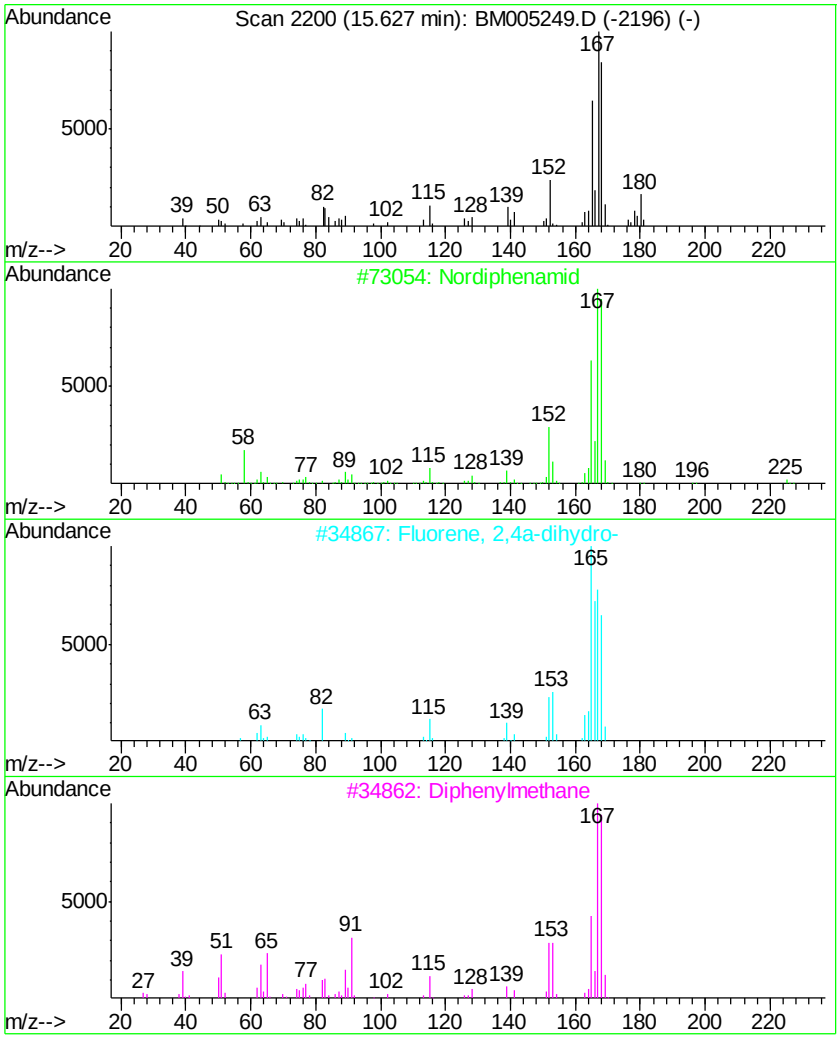
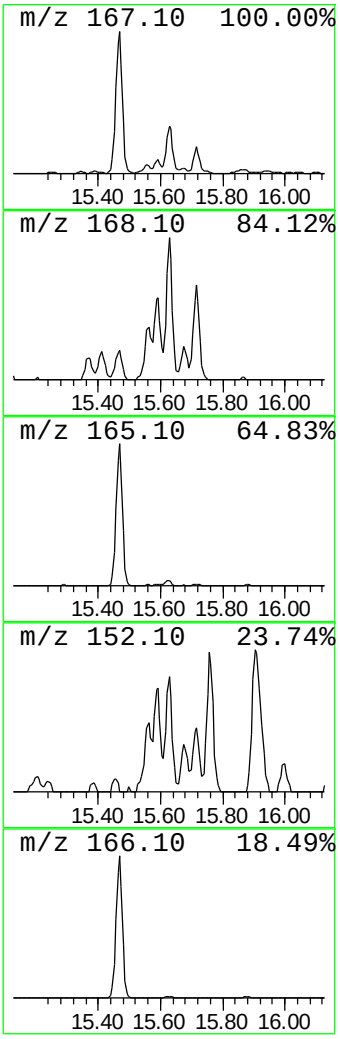
Peak Number 18 Nordiphenamid Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	2.40 ng/ul	161154	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nordiphenamid	225	C15H15NO	000954-21-2	86
2	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	76
3	Diphenylmethane	168	C13H12	000101-81-5	76
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	68
5	Diphenylmethane	168	C13H12	000101-81-5	64





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Acq On : 05 May 2016 23:53
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Sample : H2813-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7R9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

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

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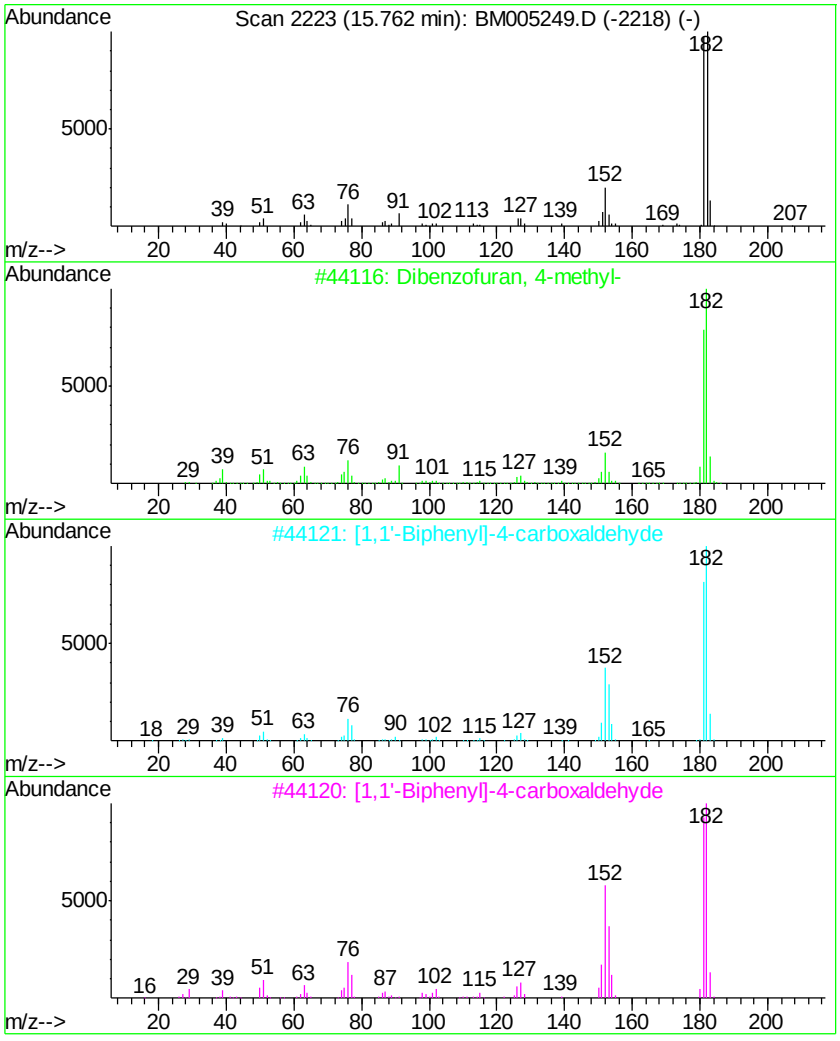
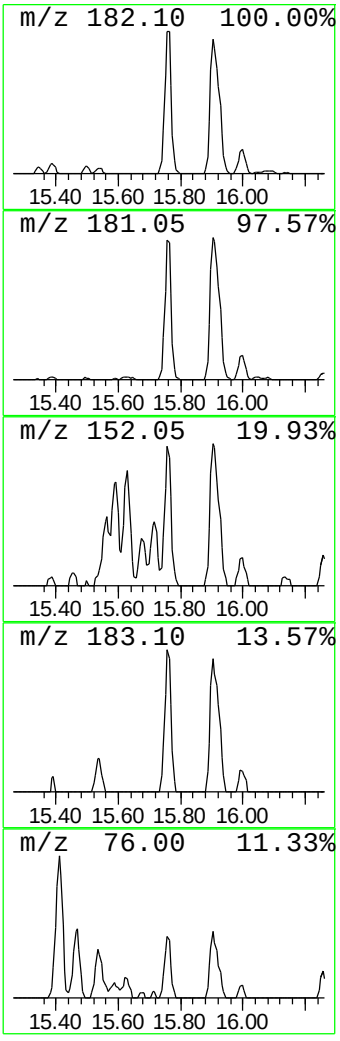
Peak Number 19 Dibenzofuran, 4-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	2.64 ng/ul	177692	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	93
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
4	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72





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Acq On : 05 May 2016 23:53
Operator : UM/SJ
Sample : H2813-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7R9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

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

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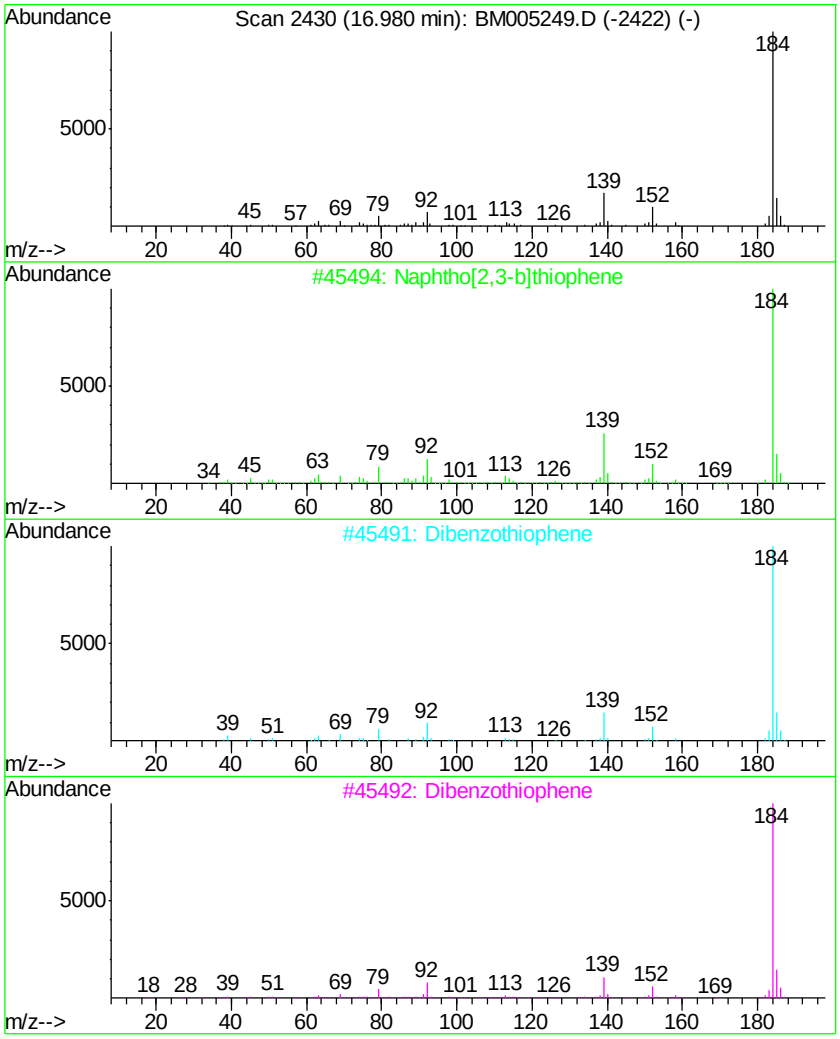
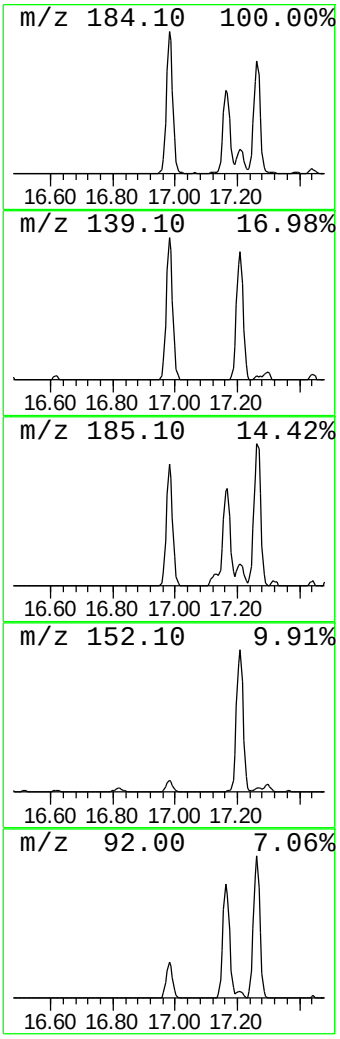
Peak Number 21 Naphtho[2,3-b]thiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.98	4.07 ng/ul	326334	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	96
3	Dibenzothiophene	184	C12H8S	000132-65-0	95
4	Dibenzothiophene	184	C12H8S	000132-65-0	94
5	Dibenzothiophene	184	C12H8S	000132-65-0	91





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Acq On : 05 May 2016 23:53
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Sample : H2813-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7R9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

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

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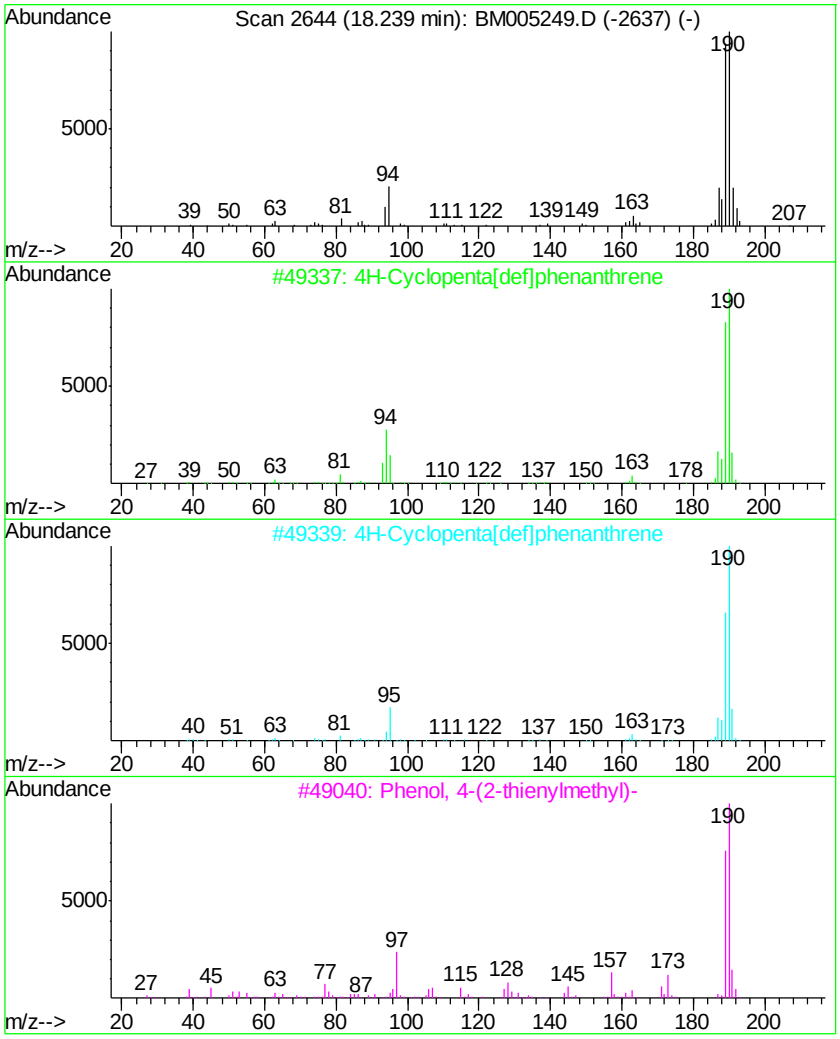
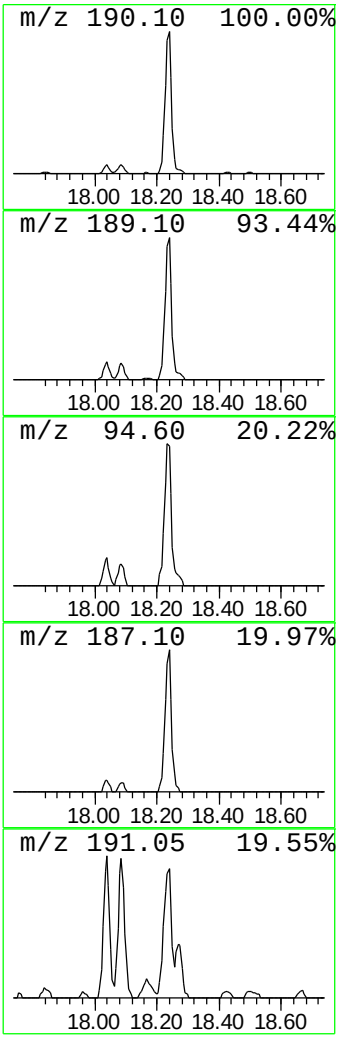
Peak Number 22 4H-Cyclopenta[def]phenanthrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	3.74 ng/ul	300420	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	97
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
3	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	64
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005249.D
Acq On : 05 May 2016 23:53
Operator : UM/SJ
Sample : H2813-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7R9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1,3,5-tr...	7.00	4.7	ng/ul	114266	1	7.77	482593	20.0
Benzene, 1,2,4-tr...	7.42	11.4	ng/ul	275299	1	7.77	482593	20.0
Benzofuran	7.50	5.1	ng/ul	123513	1	7.77	482593	20.0
Indane	8.15	36.6	ng/ul	883820	1	7.77	482593	20.0
Indene	8.30	57.0	ng/ul	1376710	1	7.77	482593	20.0
Benzofuran, 2-met...	9.25	6.7	ng/ul	254959	2	10.57	759903	20.0
Benzene, 2-etheny...	9.81	3.4	ng/ul	127429	2	10.57	759903	20.0
3-Methylbenzothio...	12.12	3.0	ng/ul	112649	2	10.57	759903	20.0
Benzo[b]thiophene...	12.35	3.5	ng/ul	135028	2	10.57	759903	20.0
Naphthalene, 1-et...	13.44	5.1	ng/ul	342882	3	14.42	1345310	20.0
Naphthalene, 1,6-...	13.59	9.2	ng/ul	621677	3	14.42	1345310	20.0
Naphthalene, 2,3-...	13.73	9.0	ng/ul	604537	3	14.42	1345310	20.0
2-Naphthalenecarb...	14.55	2.8	ng/ul	184999	3	14.42	1345310	20.0
Nordiphenamid	15.63	2.4	ng/ul	161154	3	14.42	1345310	20.0
Dibenzofuran, 4-m...	15.76	2.6	ng/ul	177692	3	14.42	1345310	20.0
Naphtho[2,3-b]thi...	16.98	4.1	ng/ul	326334	4	17.16	1605490	20.0
4H-Cyclopenta[def...	18.24	3.7	ng/ul	300420	4	17.16	1605490	20.0