LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005243.D
Acq On : 05 May 2016 20:15
Operator : UM/SJ
Sample : H2813-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7M6

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	5.840	532	536	547	rVB	155760	235263	1.36%	0.290%
2	7.110	745	752	759	rBV	242948	381825	2.20%	0.470%
3	7.310	779	786	796	rBV	238532	393503	2.27%	0.485%
4	7.422	796	805	811	rVV	145982	235444	1.36%	0.290%
5	7.775	857	865	871	rBV	290745	467212	2.70%	0.576%
6	8.145	921	928	936	rBV	418426	675337	3.90%	0.832%
7	8.304	949	955	962	rBV	675518	1117872	6.45%	1.377%
8	8.381	962	968	979	rVV2	61223	175605	1.01%	0.216%
9	8.475	979	984	1000	rVB	205840	354138	2.04%	0.436%
10	8.934	1056	1062	1074	rVB2	311734	570038	3.29%	0.702%
11	9.245	1103	1115	1121	rVV	166785	354532	2.05%	0.437%
12	9.651	1178	1184	1198	rVB	267904	441827	2.55%	0.544%
13	9.969	1232	1238	1248	rVB4	158470	507818	2.93%	0.626%
14	10.192	1269	1276	1285	rBV2	384144	692862	4.00%	0.854%
15	10.569	1332	1340	1342	rBV	345681	641132	3.70%	0.790%
16	10.645	1342	1353	1358	rVV	6218687	17327531	100.00%	21.348%
17	10.739	1361	1369	1377	rVV	923248	1539949	8.89%	1.897%
18	12.233	1613	1623	1630	rBV	3430876	6209788	35.84%	7.651%
19	12.345	1636	1642	1648	rVV	122538	212458	1.23%	0.262%
20	12.451	1648	1660	1669	rVB	2146845	3758809	21.69%	4.631%
21	13.245	1788	1795	1801	rBV	863517	1311814	7.57%	1.616%
22	13.439	1822	1828	1840	rVB	203275	381533	2.20%	0.470%
23	13.574	1840	1851	1852	rBV	287472	440055	2.54%	0.542%
24	13.733	1871	1878	1883	rBV	481011	888458	5.13%	1.095%
25	13.786	1883	1887	1890	rVV	331729	521940	3.01%	0.643%
26	13.821	1890	1893	1900	rVB	770282	1098246	6.34%	1.353%
27	13.969	1909	1918	1922	rBV	203907	325321	1.88%	0.401%
28	14.004	1922	1924	1931	rVV2	104285	183677	1.06%	0.226%
29	14.110	1935	1942	1954	rVB2	874472	1724154	9.95%	2.124%
30	14.416	1984	1994	2000	rBV3	702287	1371959	7.92%	1.690%
31	14.480	2000	2005	2012	rVV	2355338	3796396	21.91%	4.677%
32	14.551	2012	2017	2023	rVB	339853	509401	2.94%	0.628%
33	14.816	2056	2062	2070	rVV	1971643	3165533	18.27%	3.900%
34	15.410	2157	2163	2168	rBV	1117422	1645090	9.49%	2.027%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005243.D
Acq On : 05 May 2016 20:15
Operator : UM/SJ
Sample : H2813-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7M6

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	15.468	2168	2173	2180	rVB	2115647	3137709	18.11%	3.866%
36	15.539	2180	2185	2191	rBV	396436	643414	3.71%	0.793%
37	15.757	2218	2222	2228	rVB	180156	258908	1.49%	0.319%
38	15.904	2236	2247	2257	rVB2	216039	491938	2.84%	0.606%
39	16.468	2332	2343	2348	rBV3	109967	259131	1.50%	0.319%
40	16.980	2421	2430	2439	rVB	302346	468321	2.70%	0.577%
41	17.162	2456	2461	2465	rBV	954781	1550872	8.95%	1.911%
42	17.209	2465	2469	2474	rVV	2970238	4481563	25.86%	5.522%
43	17.262	2474	2478	2482	rVV2	1373837	2030847	11.72%	2.502%
44	17.298	2482	2484	2490	rVB	223492	254541	1.47%	0.314%
45	17.568	2519	2530	2542	rBV	991922	1473316	8.50%	1.815%
46	18.086	2614	2618	2623	rVB	248097	351516	2.03%	0.433%
47	18.233	2637	2643	2647	rBV	250843	405495	2.34%	0.500%
48	18.339	2654	2661	2666	rBV2	88426	194731	1.12%	0.240%
49	18.480	2681	2685	2690	rVV2	111948	182470	1.05%	0.225%
50	19.221	2803	2811	2816	rBV	577924	863583	4.98%	1.064%
51	19.268	2816	2819	2825	rVB	290013	348772	2.01%	0.430%
52	19.562	2863	2869	2873	rBV2	1697799	2599368	15.00%	3.203%
53	20.303	2988	2995	3009	rBV	622871	1161437	6.70%	1.431%
54	21.356	3168	3174	3187	rVB	1461319	2038253	11.76%	2.511%
55	23.491	3529	3537	3549	rVB2	1271054	2444440	14.11%	3.012%
56	23.633	3554	3561	3574	rVB2	941410	1868499	10.78%	2.302%

Sum of corrected areas: 81165644

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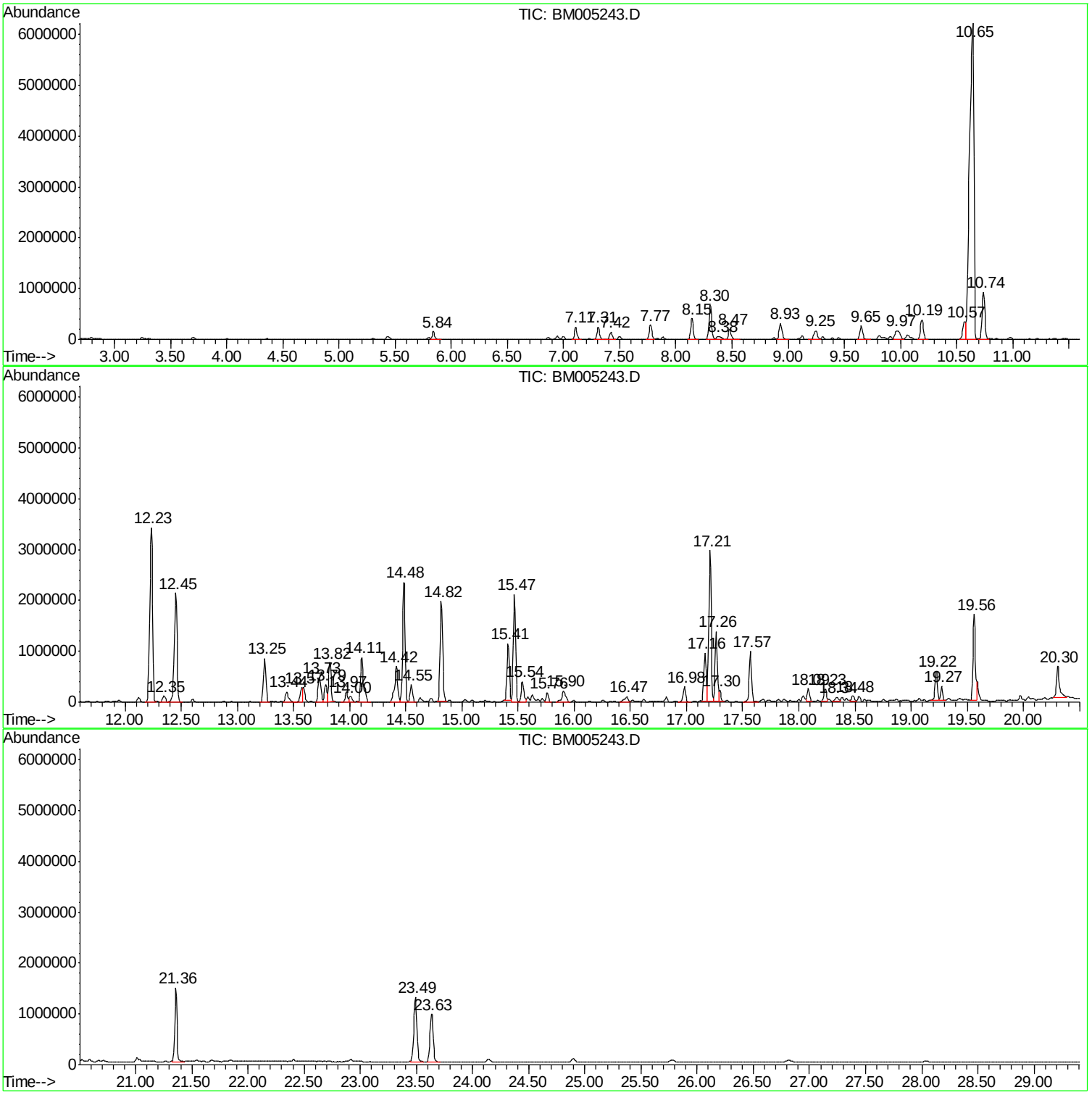
Acq On : 05 May 2016 20:15
Operator : UM/SJ
Sample : H2813-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BC7M6

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



Library Search Compound Report

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Data File : BM005243.D
Acq On : 05 May 2016 20:15
Operator : UM/SJ
Sample : H2813-01
Misc :
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Instrument : BNA_M
ClientSampleId : BC7M6

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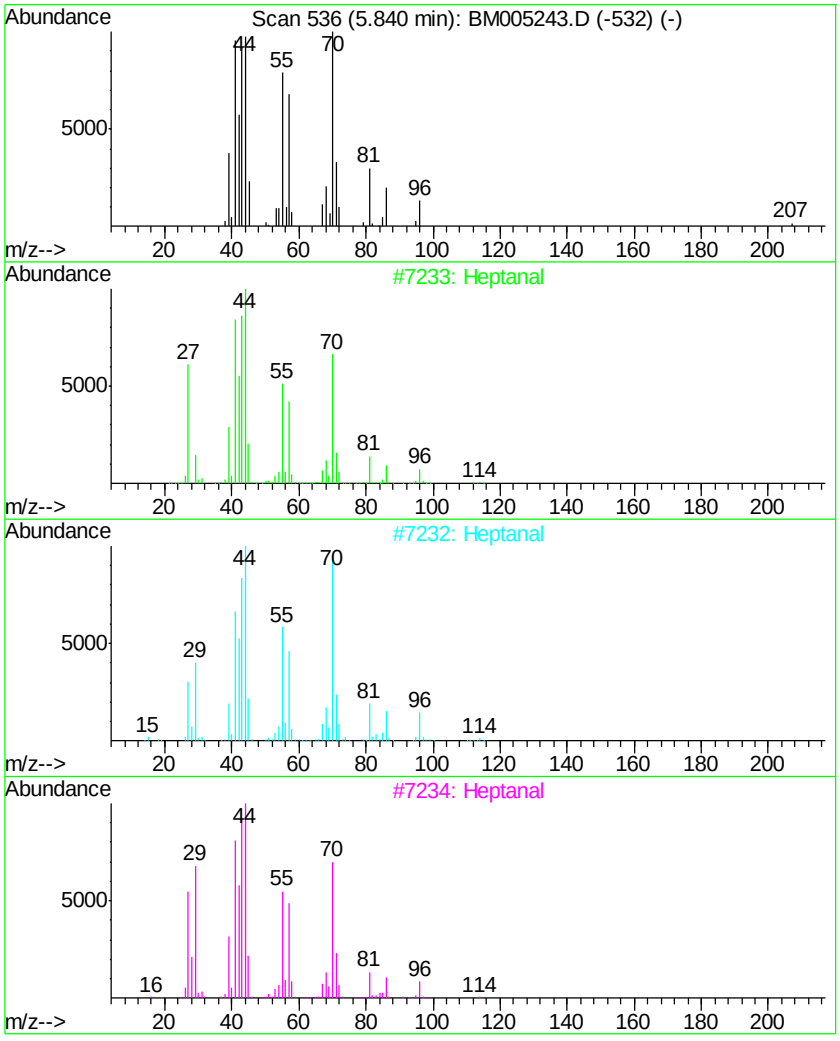
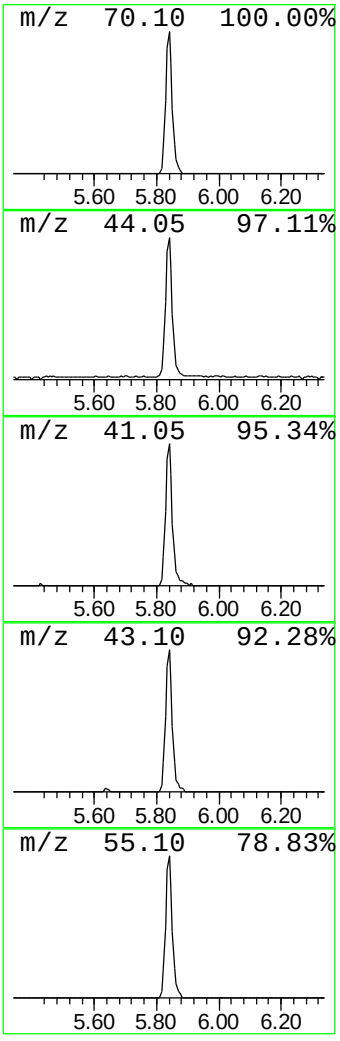
****

Peak Number 1 Heptanal Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.84	10.07 ng/ul	235263	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanal	114	C7H14O	000111-71-7	90
2	Heptanal	114	C7H14O	000111-71-7	90
3	Heptanal	114	C7H14O	000111-71-7	86
4	Heptanal	114	C7H14O	000111-71-7	64
5	Hexanal, 3-methyl-	114	C7H14O	019269-28-4	47





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005243.D
Acq On : 05 May 2016 20:15
Operator : UM/SJ
Sample : H2813-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7M6

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

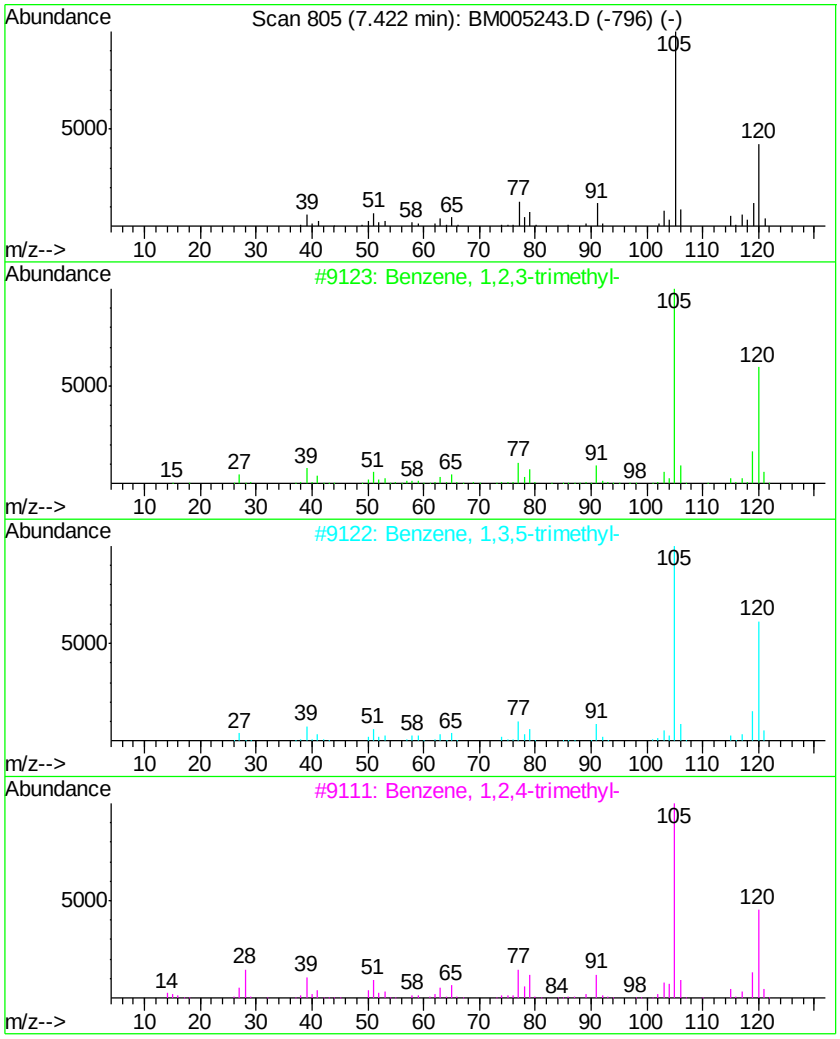
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

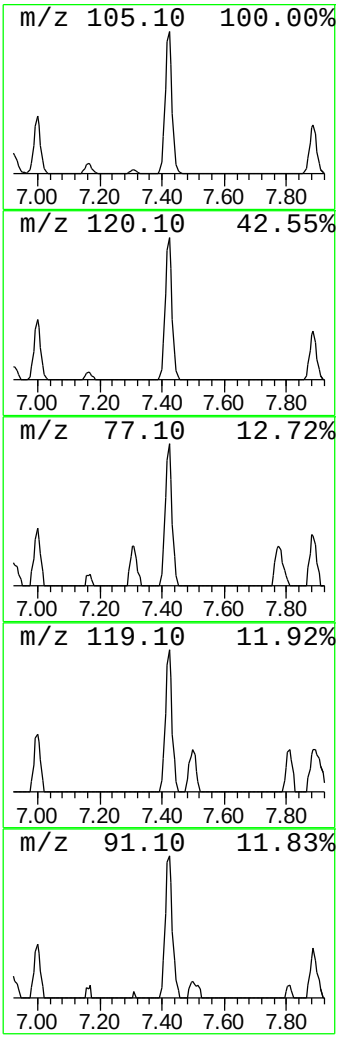
****

Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	10.08 ng/ul	235444	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	93
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	90
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	90





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005243.D
Acq On : 05 May 2016 20:15
Operator : UM/SJ
Sample : H2813-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7M6

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

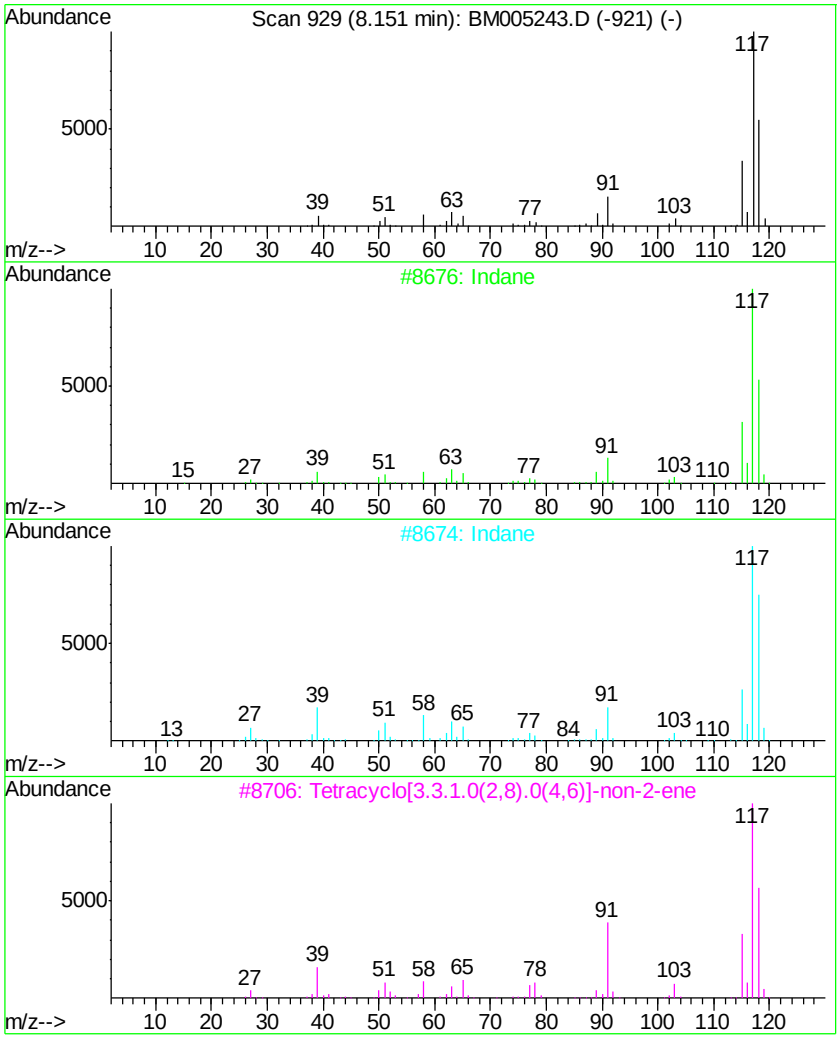
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

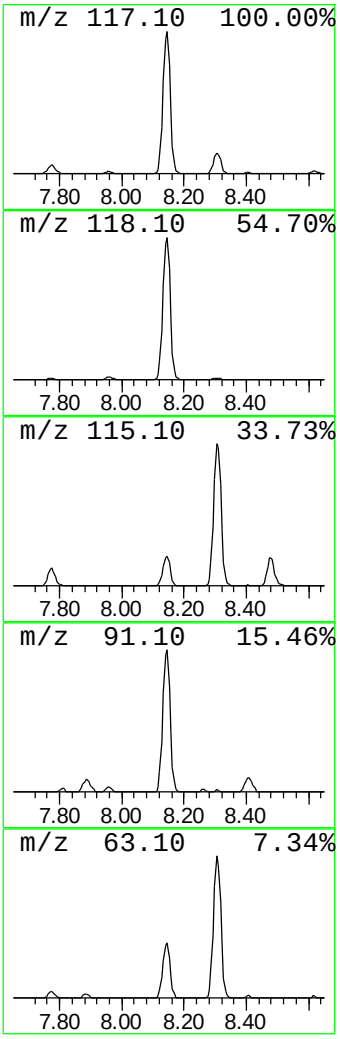
****

Peak Number 3 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.15	28.91 ng/ul	675337	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	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, cyclopropyl-	118	C9H10	000873-49-4	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
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Operator : UM/SJ
Sample : H2813-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7M6

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

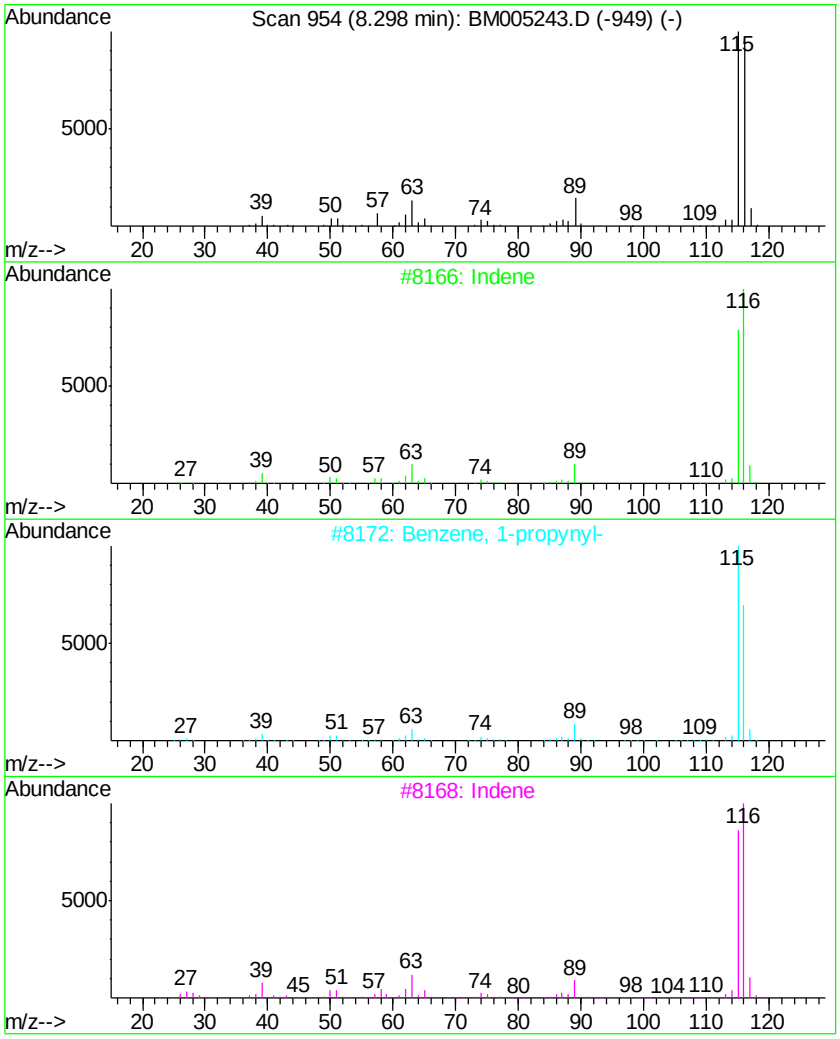
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

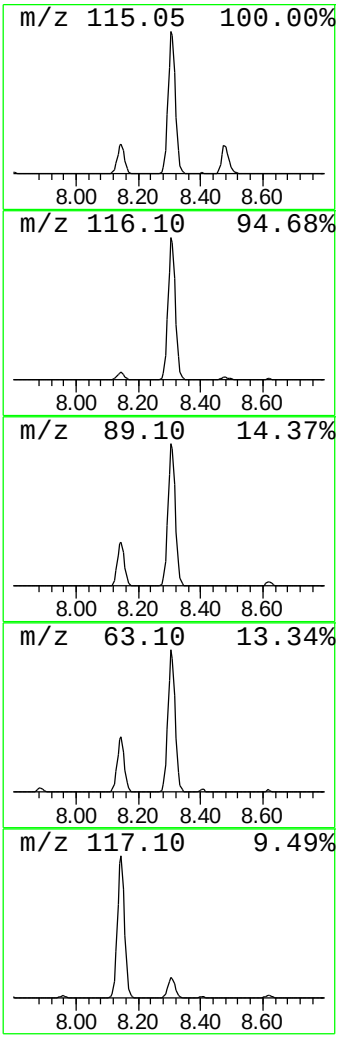
****

Peak Number 4 Indene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.30	47.85 ng/ul	1117870	1,4-Dichlorobenzene-d4	7.77

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





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Sample : H2813-01
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Instrument : BNA_M
ClientSampleId : BC7M6

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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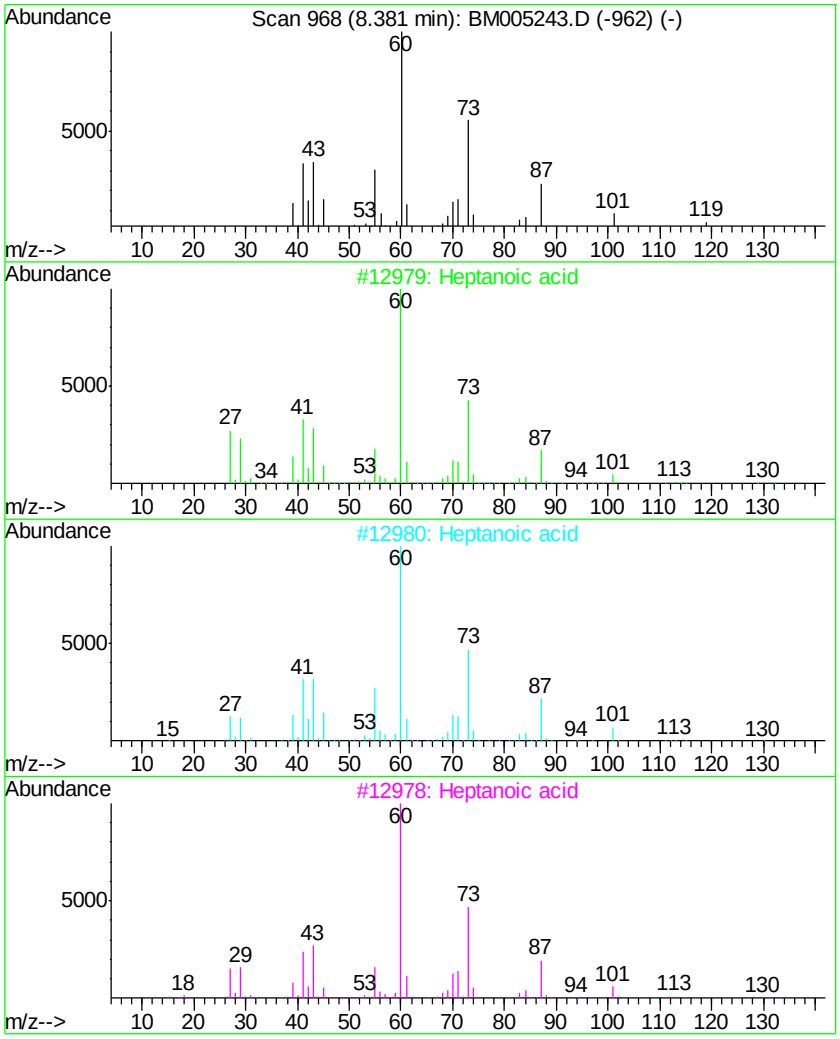
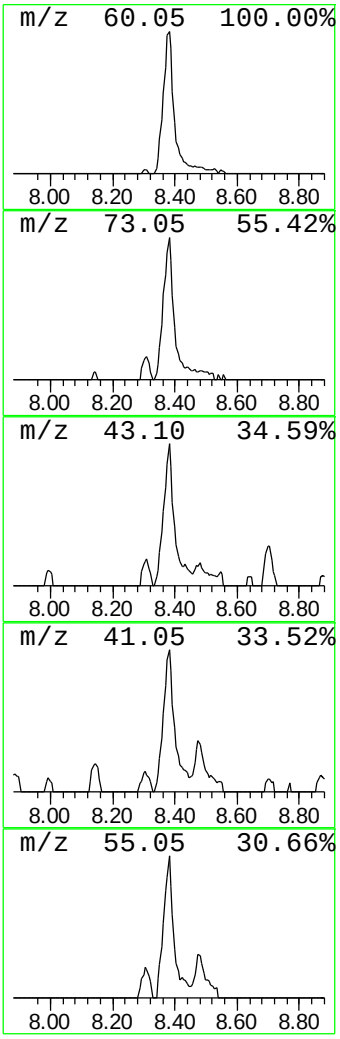
Peak Number 5 Heptanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.38	7.52 ng/ul	175605	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanoic acid	130	C7H14O2	000111-14-8	90
2	Heptanoic acid	130	C7H14O2	000111-14-8	90
3	Heptanoic acid	130	C7H14O2	000111-14-8	90
4	Heptanoic acid	130	C7H14O2	000111-14-8	78
5	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	53





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
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Sample : H2813-01
Misc :
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Instrument : BNA_M
ClientSampleId : BC7M6

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

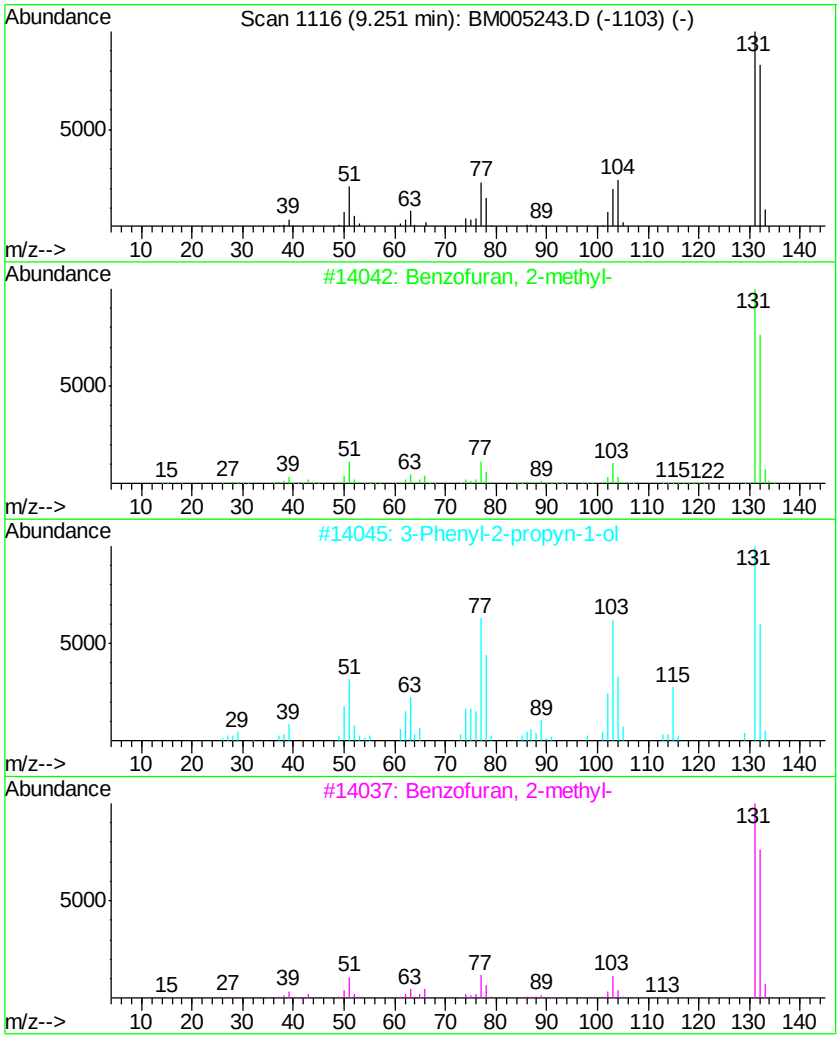
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

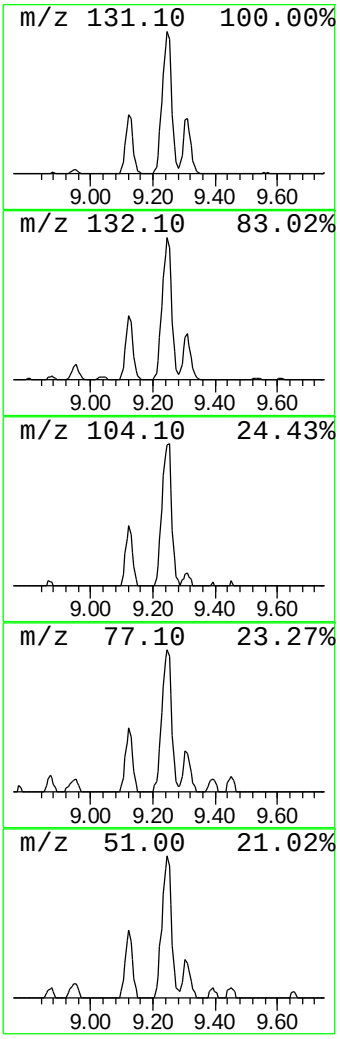
****

Peak Number 6 Benzofuran, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	11.06 ng/ul	354532	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
2	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	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	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	90





Library Search Compound Report

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Acq On : 05 May 2016 20:15
Operator : UM/SJ
Sample : H2813-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7M6

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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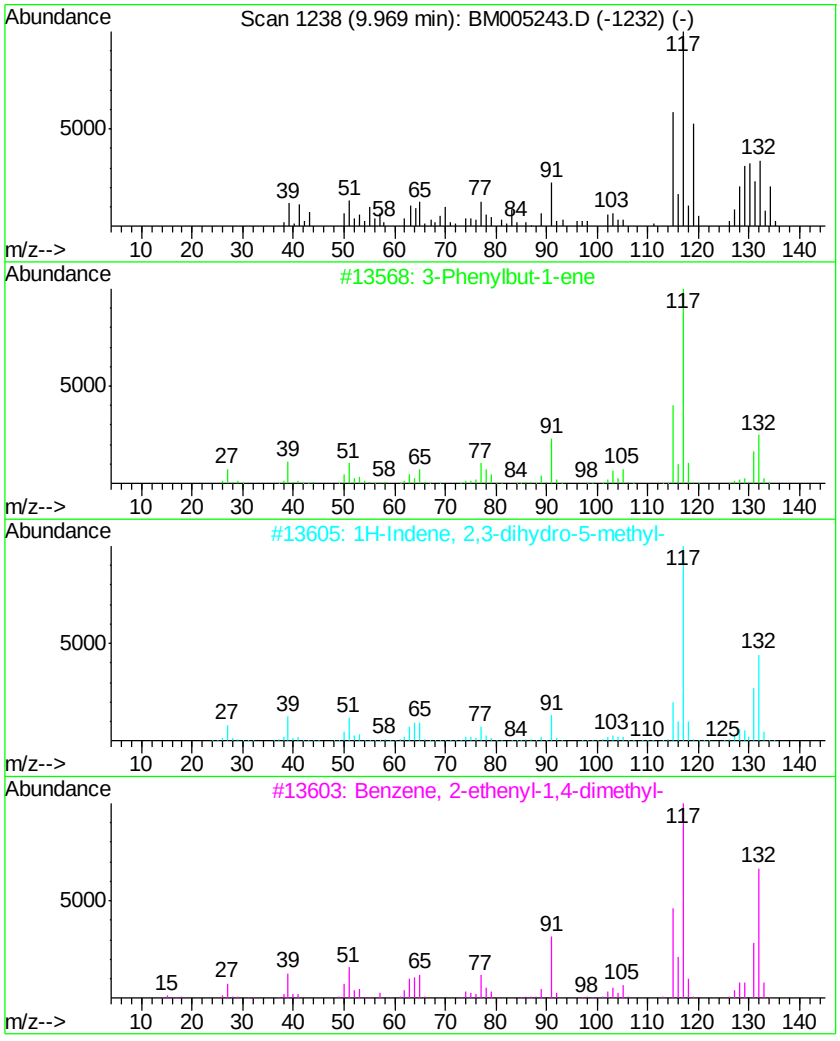
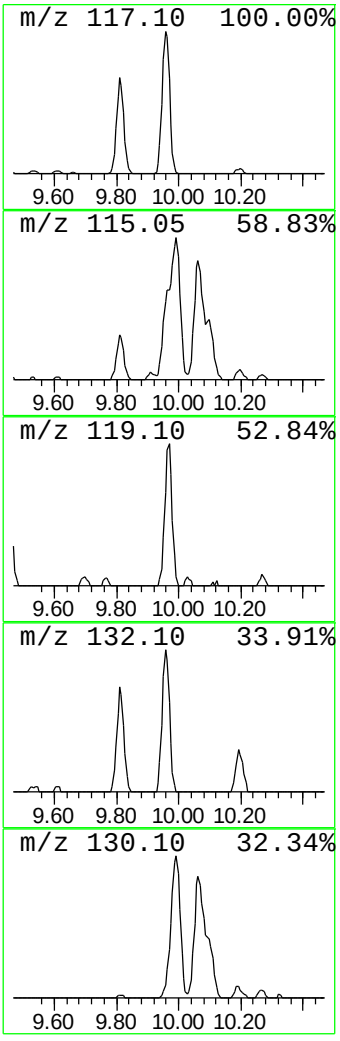
Peak Number 7 3-Phenylbut-1-ene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.97	15.84 ng/ul	507818	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	53
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	50
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	50
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	49
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	49





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005243.D
Acq On : 05 May 2016 20:15
Operator : UM/SJ
Sample : H2813-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7M6

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

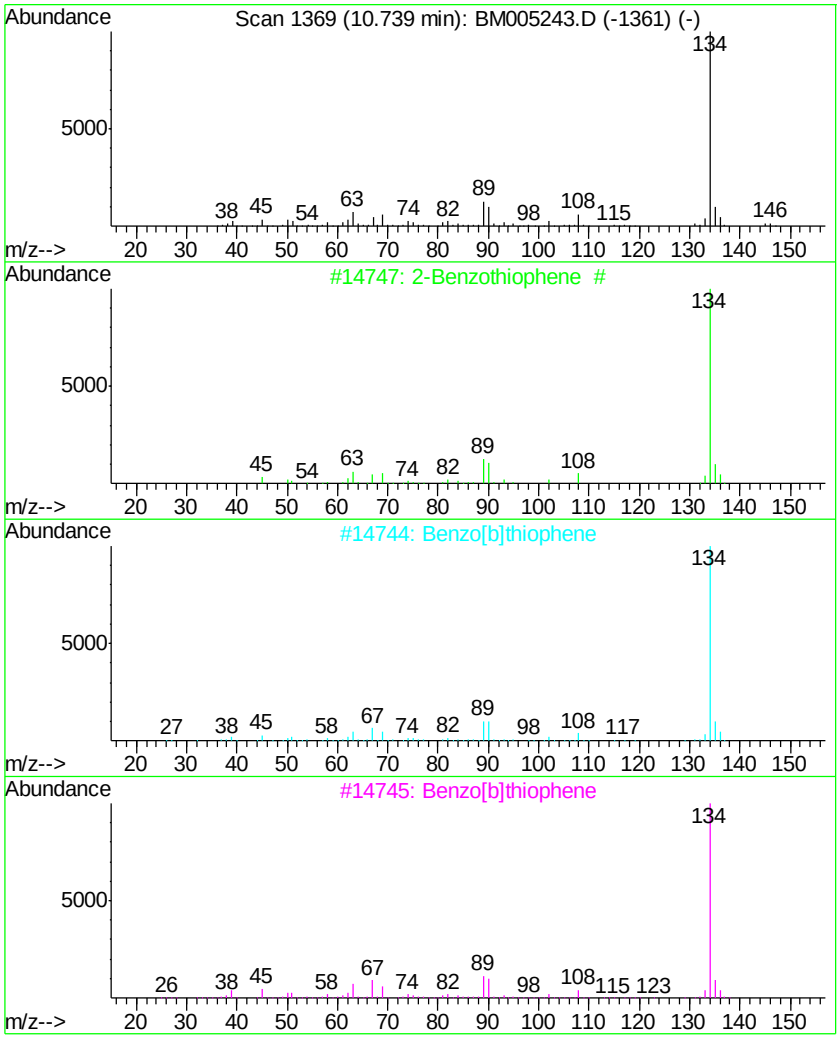
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

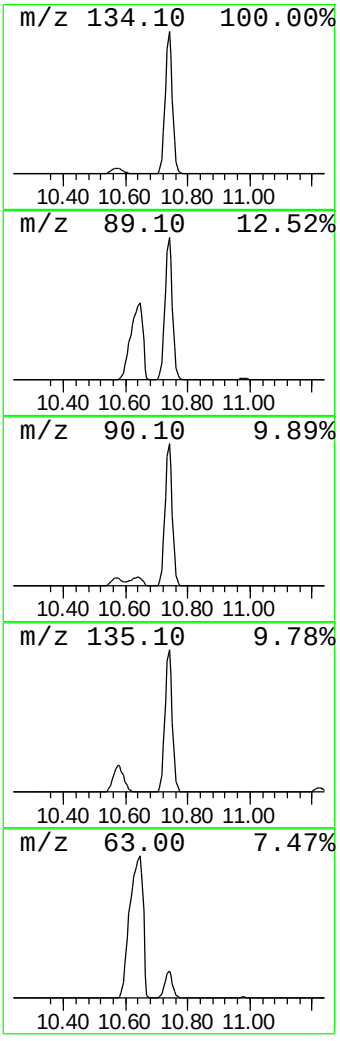
****

Peak Number 8 2-Benzothiophene # Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	48.04 ng/ul	1539950	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Benzothiophene #	134	C8H6S	000270-82-6	97
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	95
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
4	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	90





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Operator : UM/SJ
Sample : H2813-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7M6

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Quant Title : SVOA CALIBRATION

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

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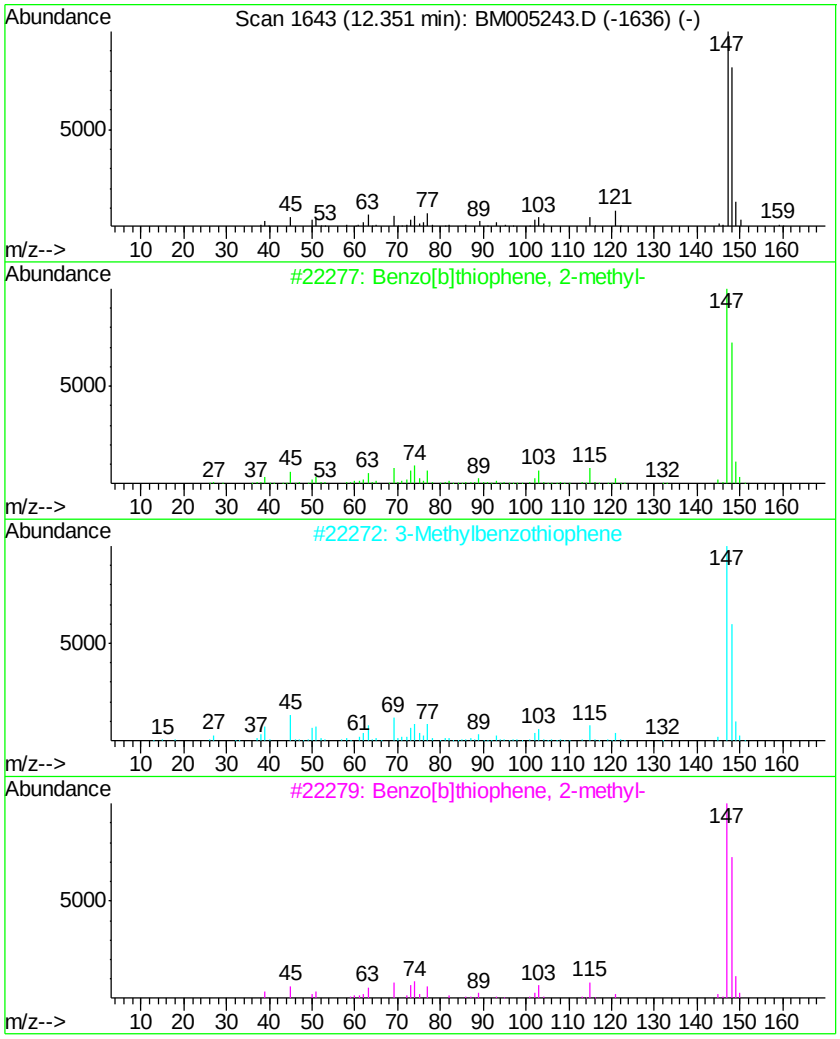
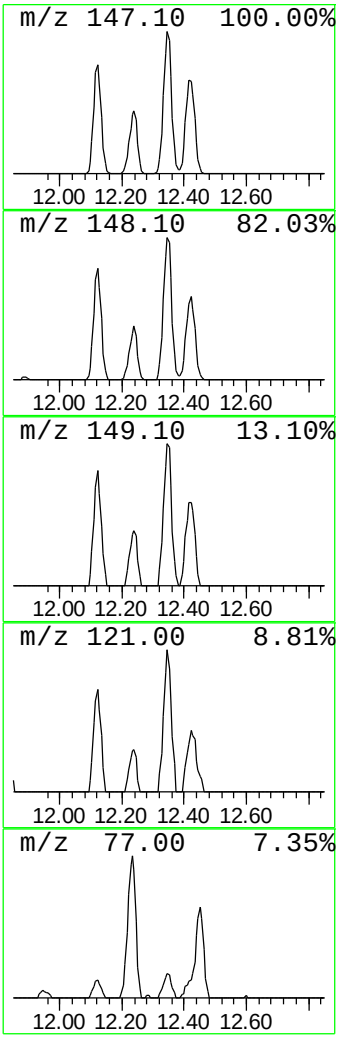
Peak Number 9 Benzo[b]thiophene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	6.63 ng/ul	212458	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
2	3-Methylbenzothiophene	148	C9H8S	001455-18-1	91
3	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
4	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	91
5	3-Methylbenzothiophene	148	C9H8S	001455-18-1	90





Library Search Compound Report

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ClientSampleId : BC7M6

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Quant Title : SVOA CALIBRATION

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

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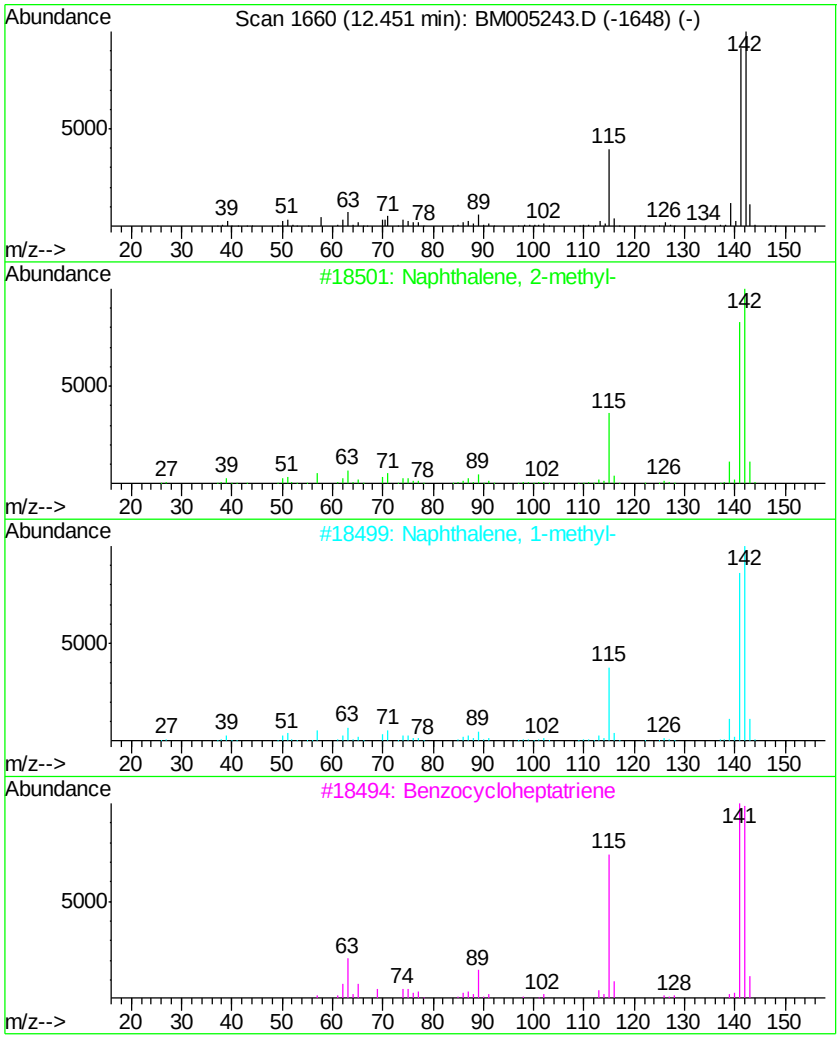
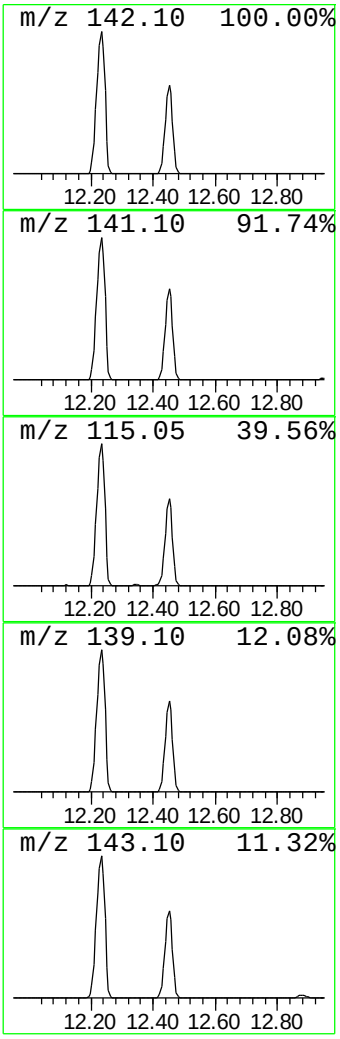
Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	117.26 ng/ul	3758810	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	94
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94





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Instrument : BNA_M
ClientSampleId : BC7M6

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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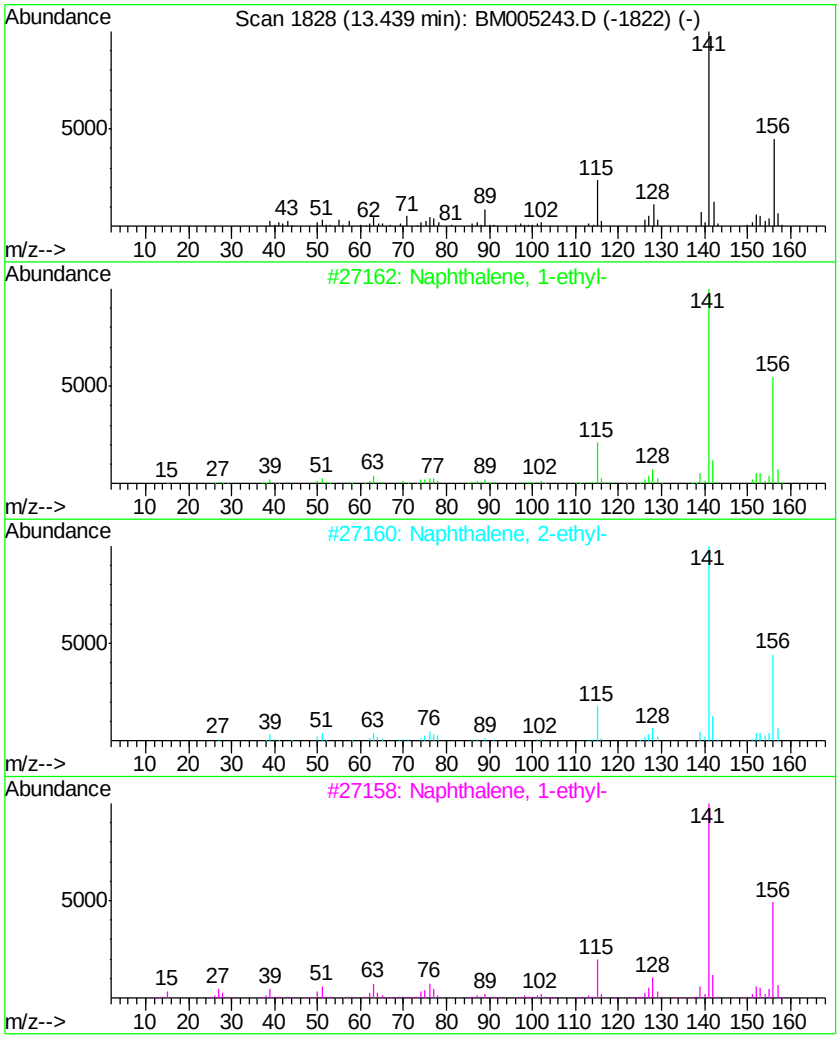
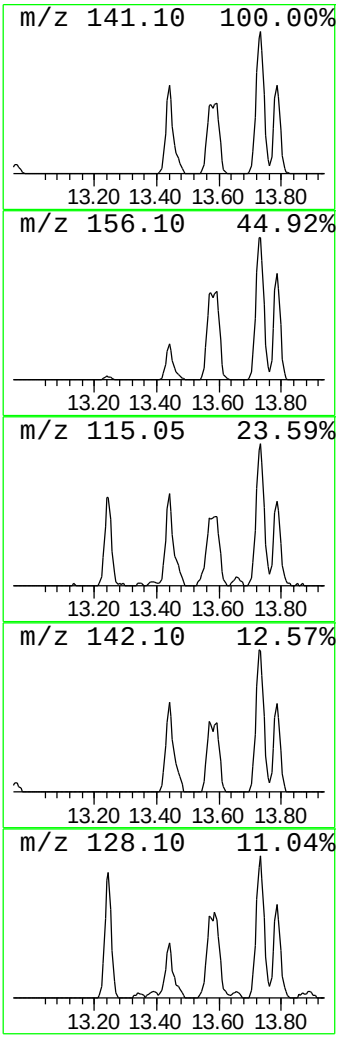
Peak Number 11 Naphthalene, 1-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	5.56 ng/ul	381533	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, 2-ethyl-	156	C12H12	000939-27-5	96
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93





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Sample : H2813-01
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Instrument : BNA_M
ClientSampleId : BC7M6

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Quant Title : SVOA CALIBRATION

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

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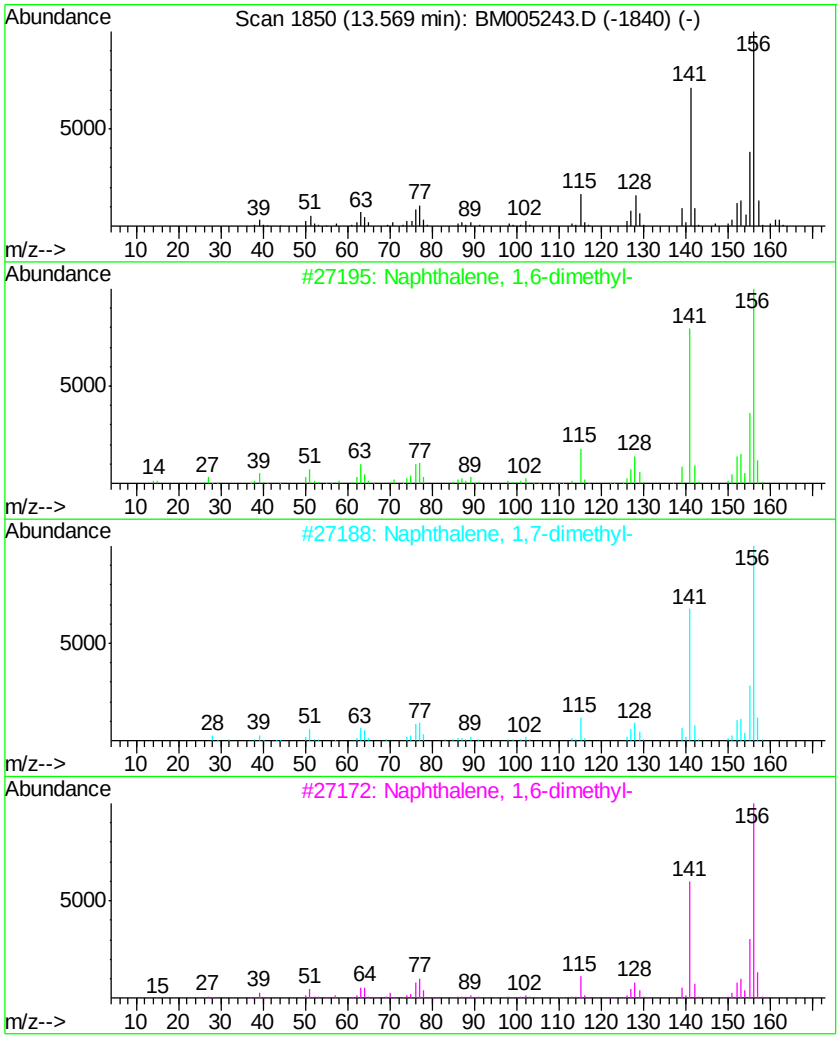
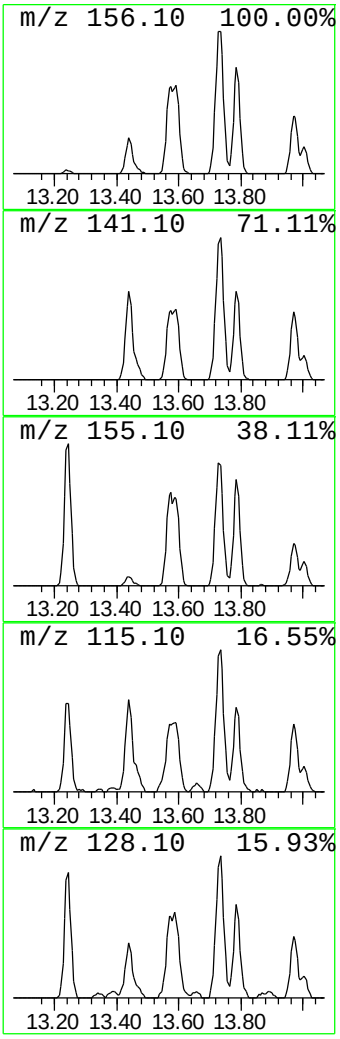
Peak Number 12 Naphthalene, 1,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.57	6.41 ng/ul	440055	Acenaphthene-d10	14.42

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





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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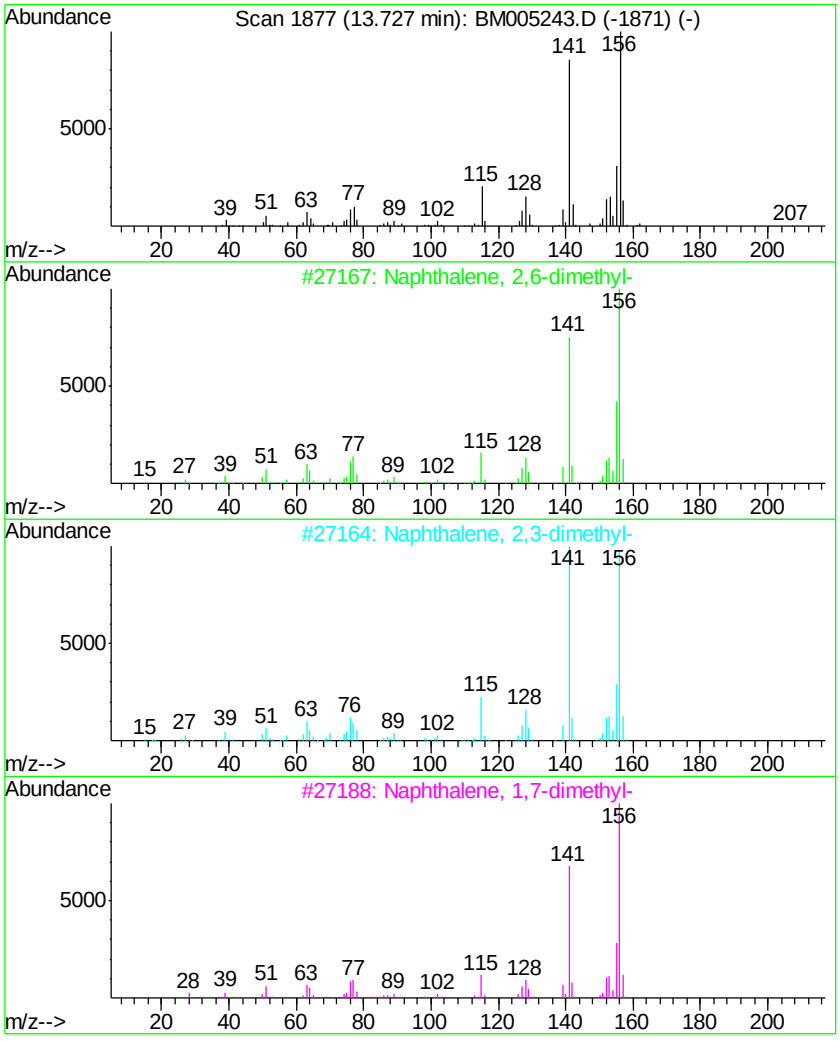
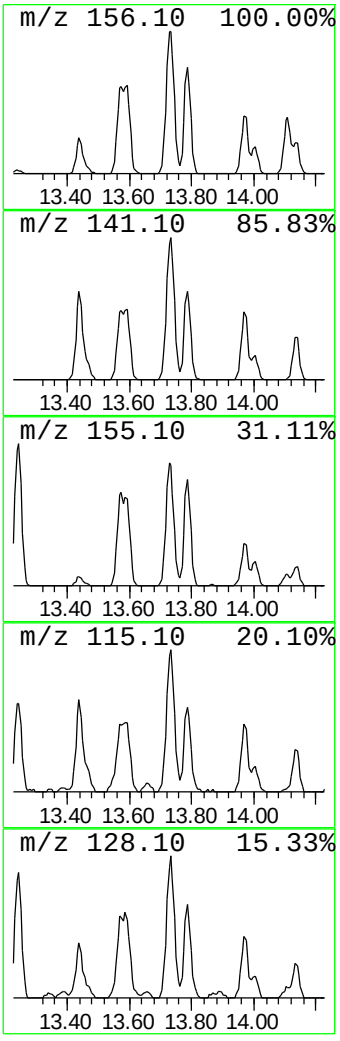
Peak Number 13 Naphthalene, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	12.95 ng/ul	888458	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





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Instrument : BNA_M
ClientSampleId : BC7M6

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Quant Title : SVOA CALIBRATION

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

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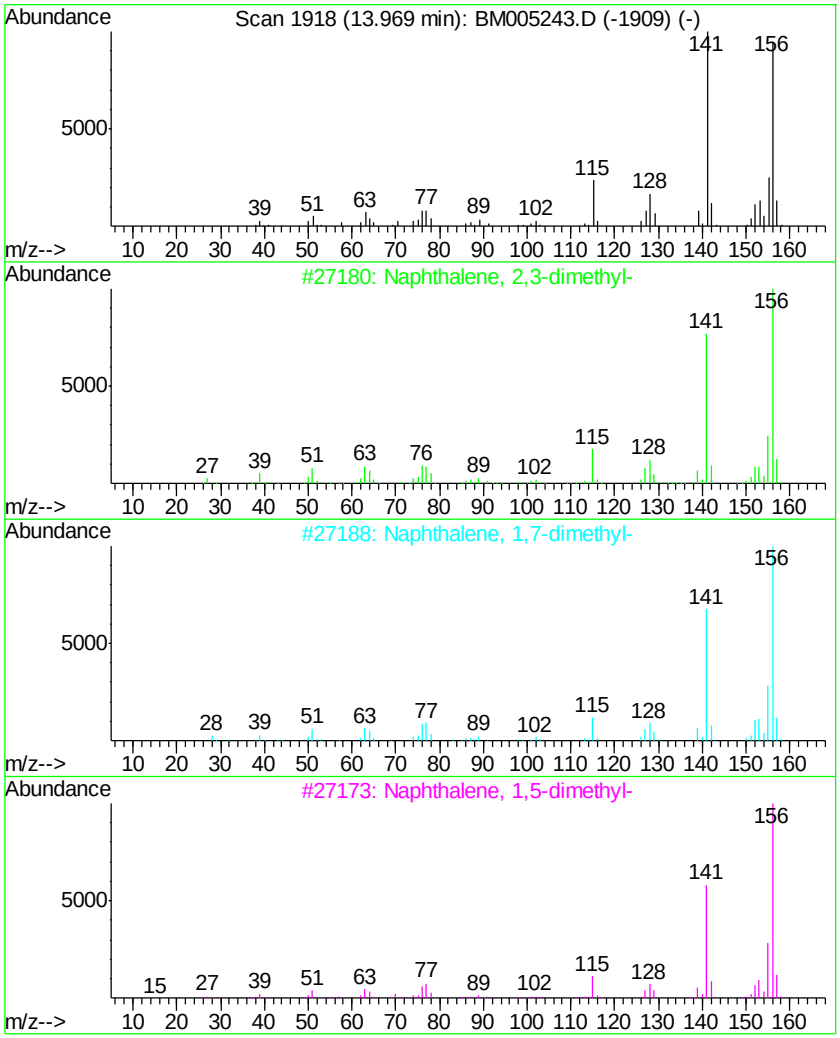
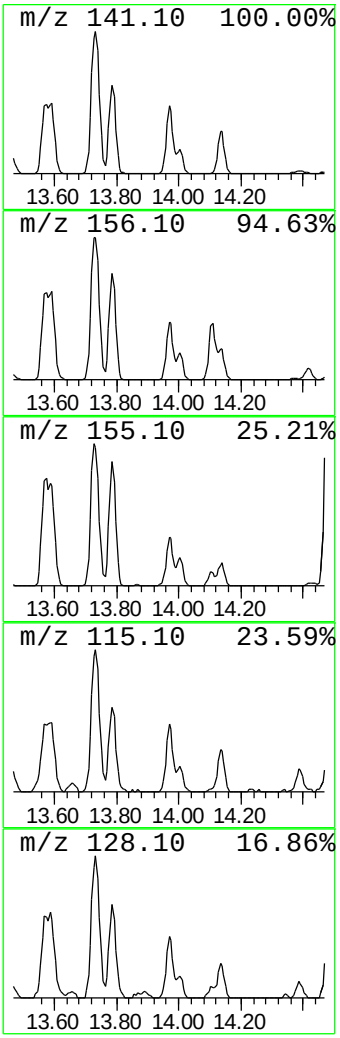
Peak Number 14 Naphthalene, 2,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	4.74 ng/ul	325321	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





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Misc :
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Instrument : BNA_M
ClientSampleId : BC7M6

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Quant Title : SVOA CALIBRATION

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

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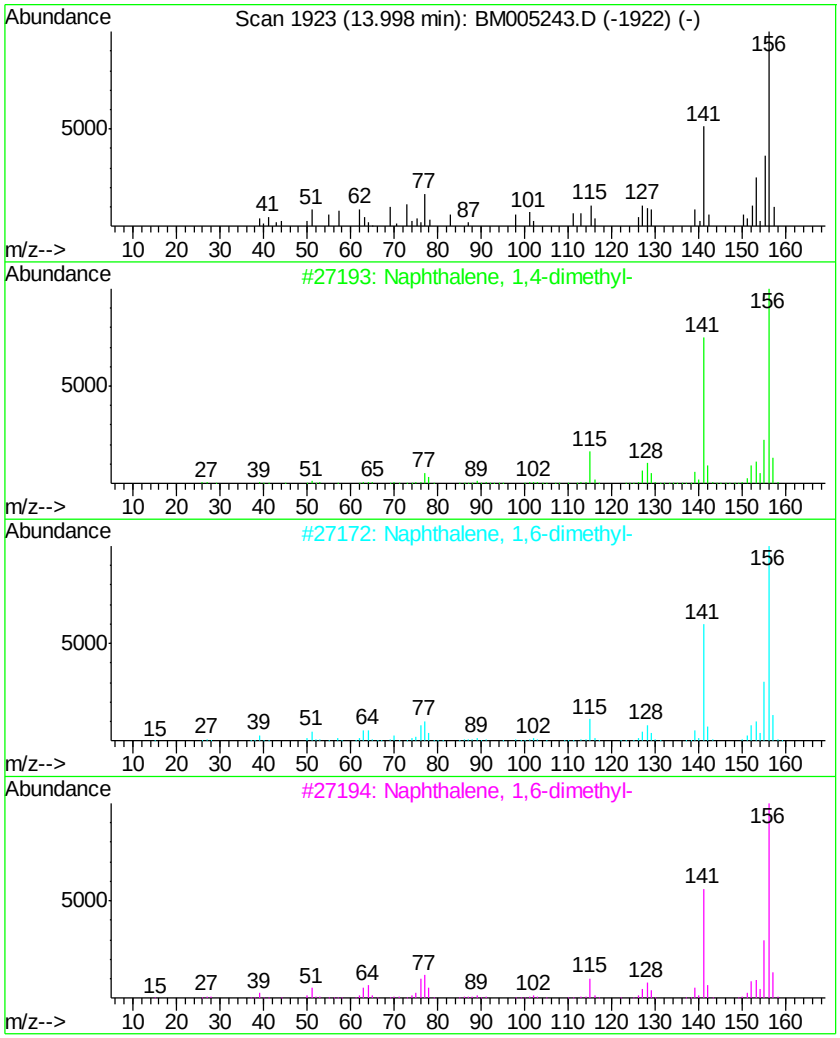
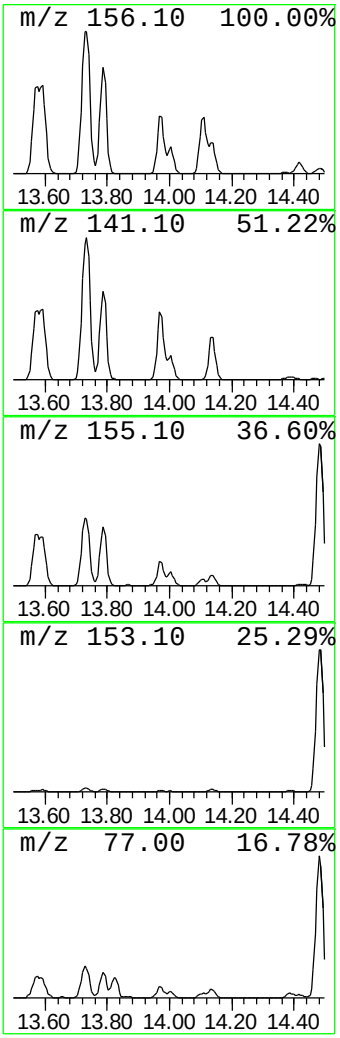
Peak Number 15 Naphthalene, 1,4-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.00	2.68 ng/ul	183677	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	91
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	86
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	86
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	86
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	86





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Quant Title : SVOA CALIBRATION

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

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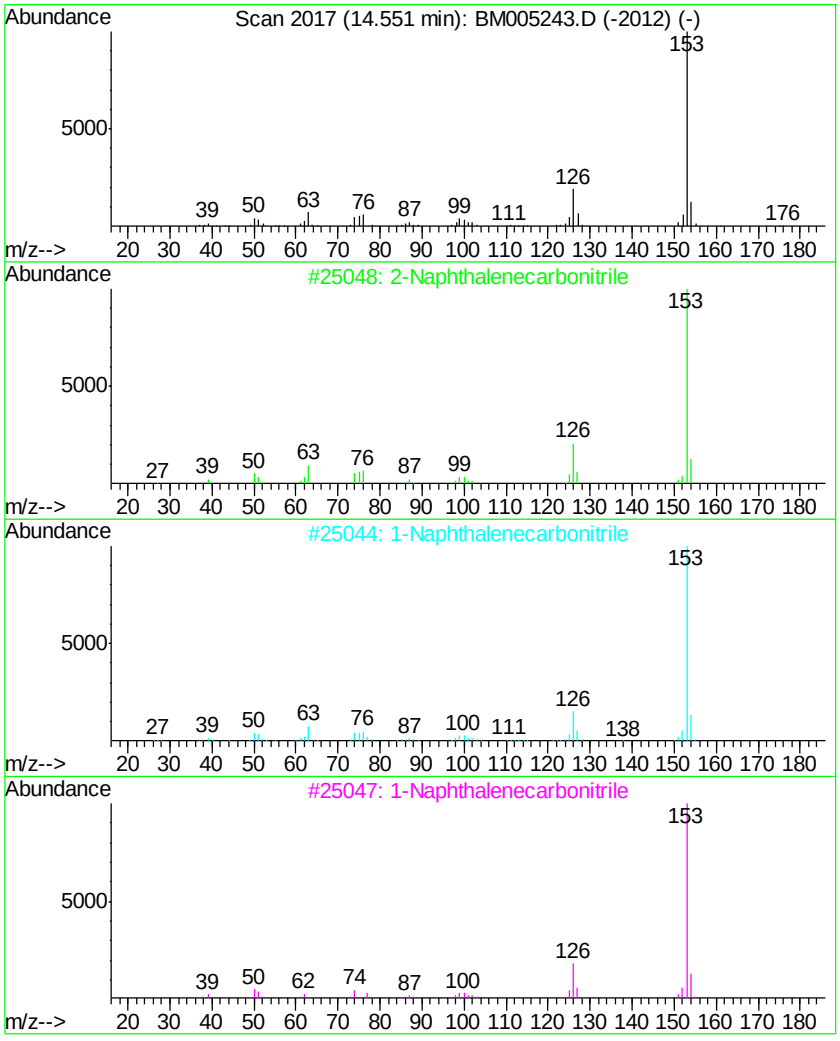
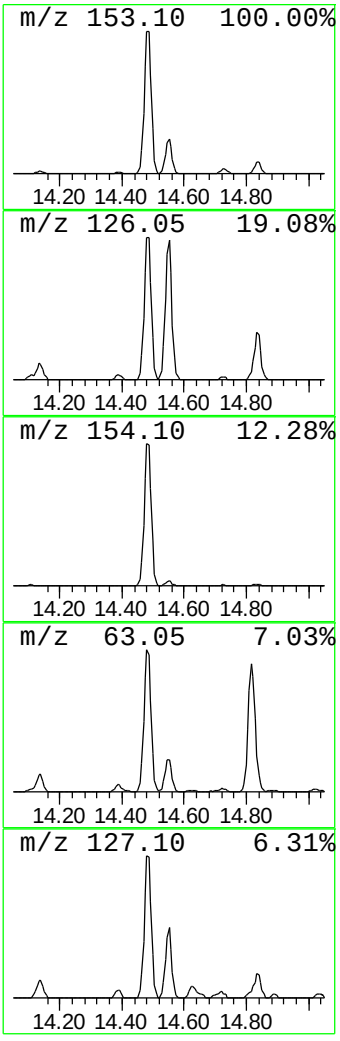
Peak Number 16 2-Naphthalenecarbonitrile Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	7.43 ng/ul	509401	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	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	93
4	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	91
5	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	90





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Quant Title : SVOA CALIBRATION

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

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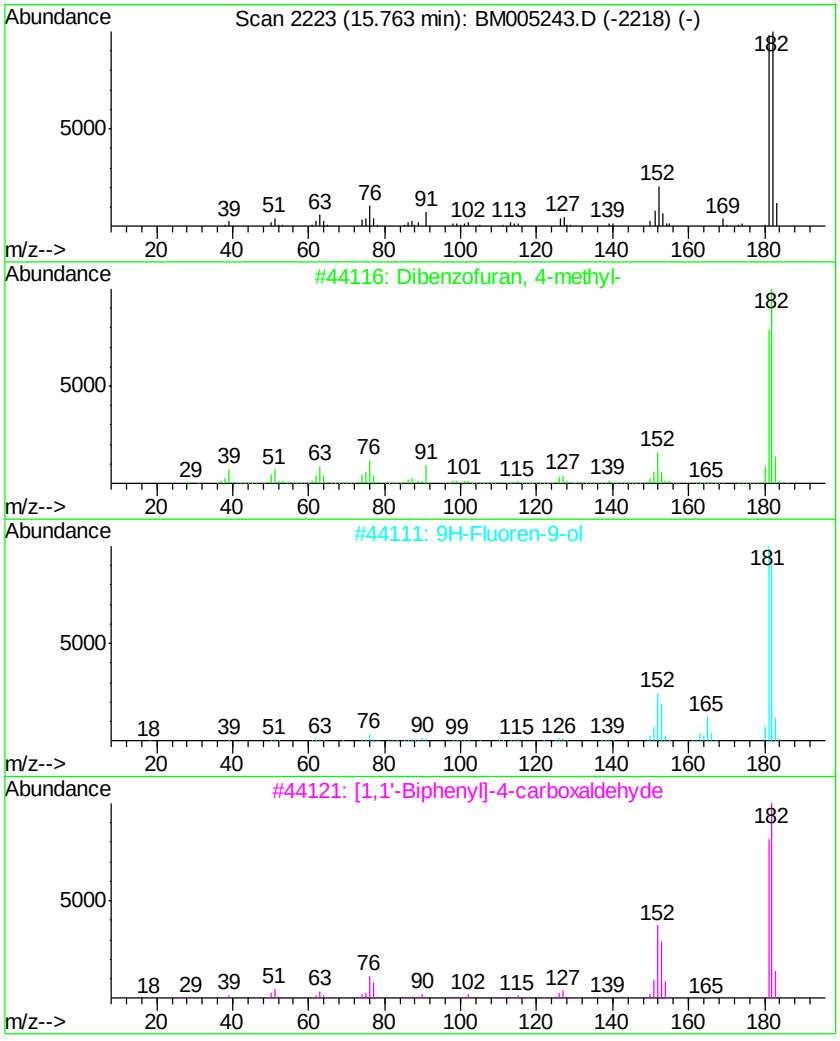
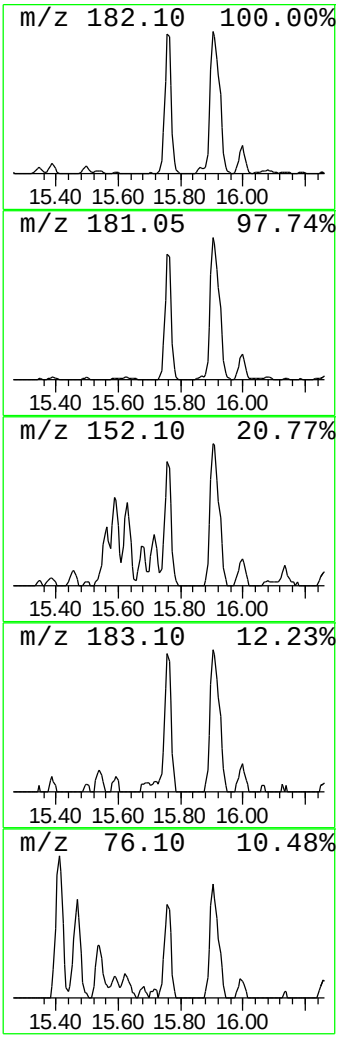
Peak Number 17 Dibenzofuran, 4-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	3.77 ng/ul	258908	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	86
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72





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

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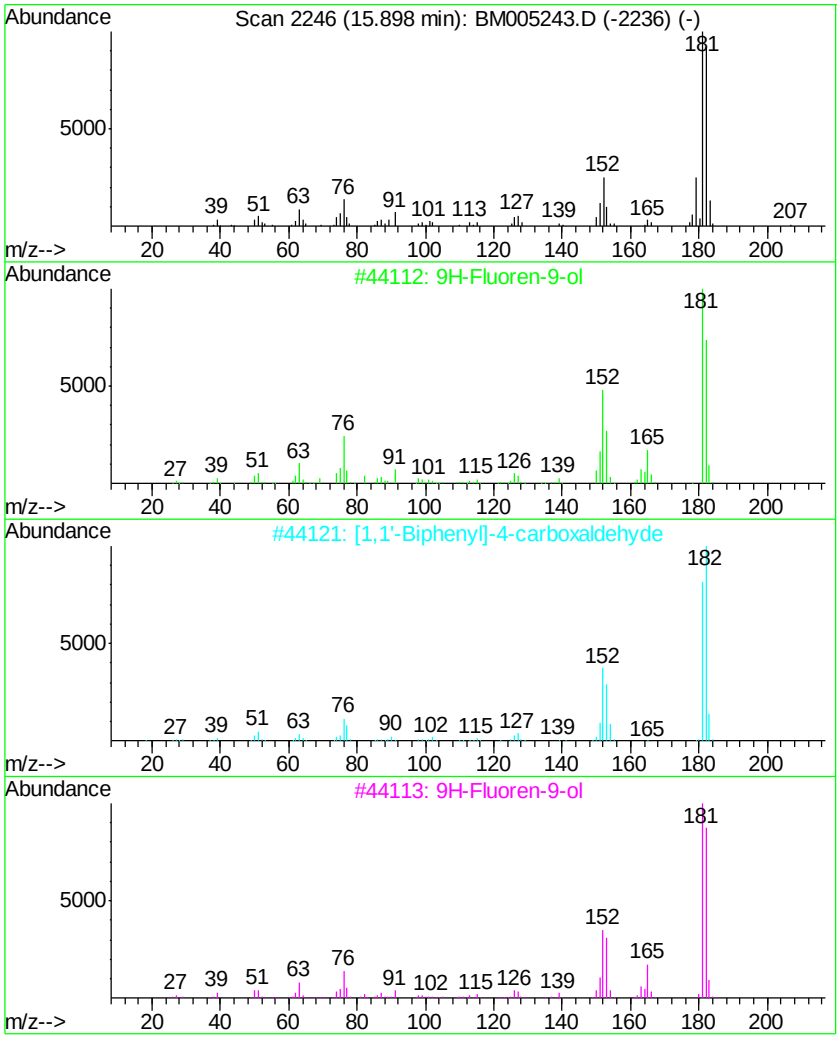
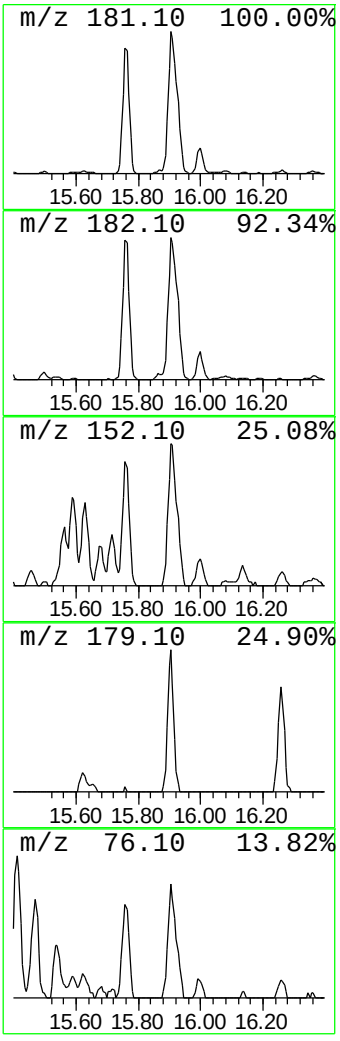
Peak Number 18 9H-Fluoren-9-ol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	6.34 ng/ul	491938	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	80
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	76
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	64
4	2-Hydroxyfluorene	182	C13H10O	002443-58-5	58
5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	58





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Quant Title : SVOA CALIBRATION

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

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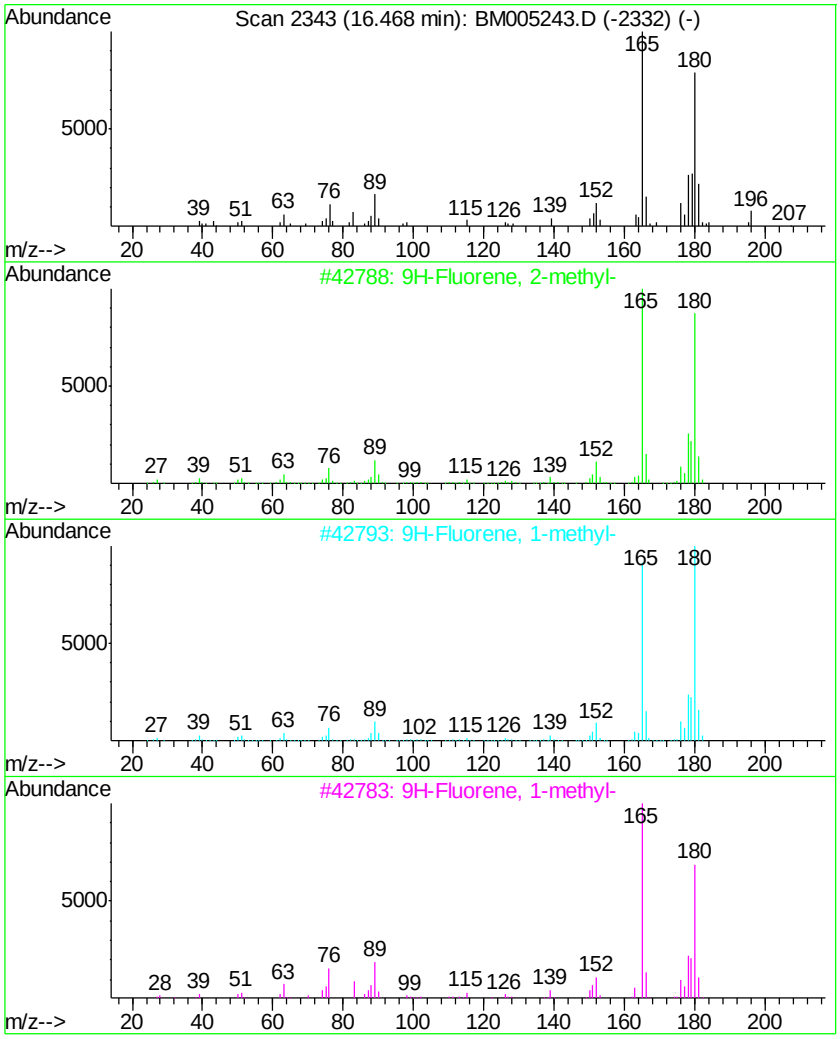
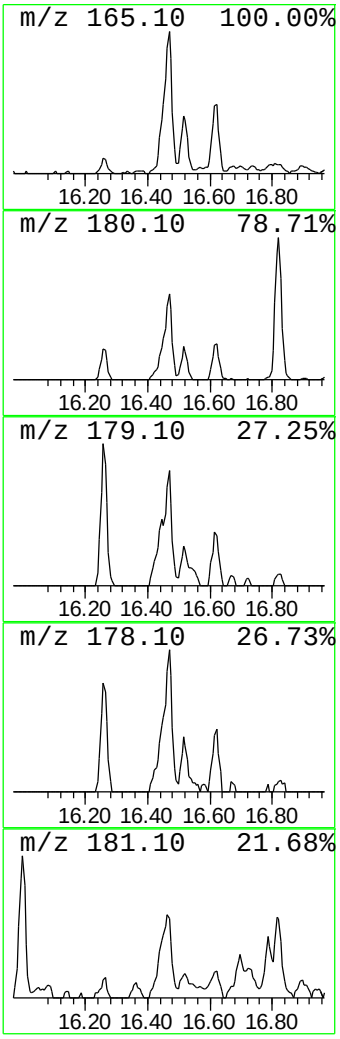
Peak Number 19 9H-Fluorene, 2-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	3.34 ng/ul	259131	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95





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Quant Title : SVOA CALIBRATION

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

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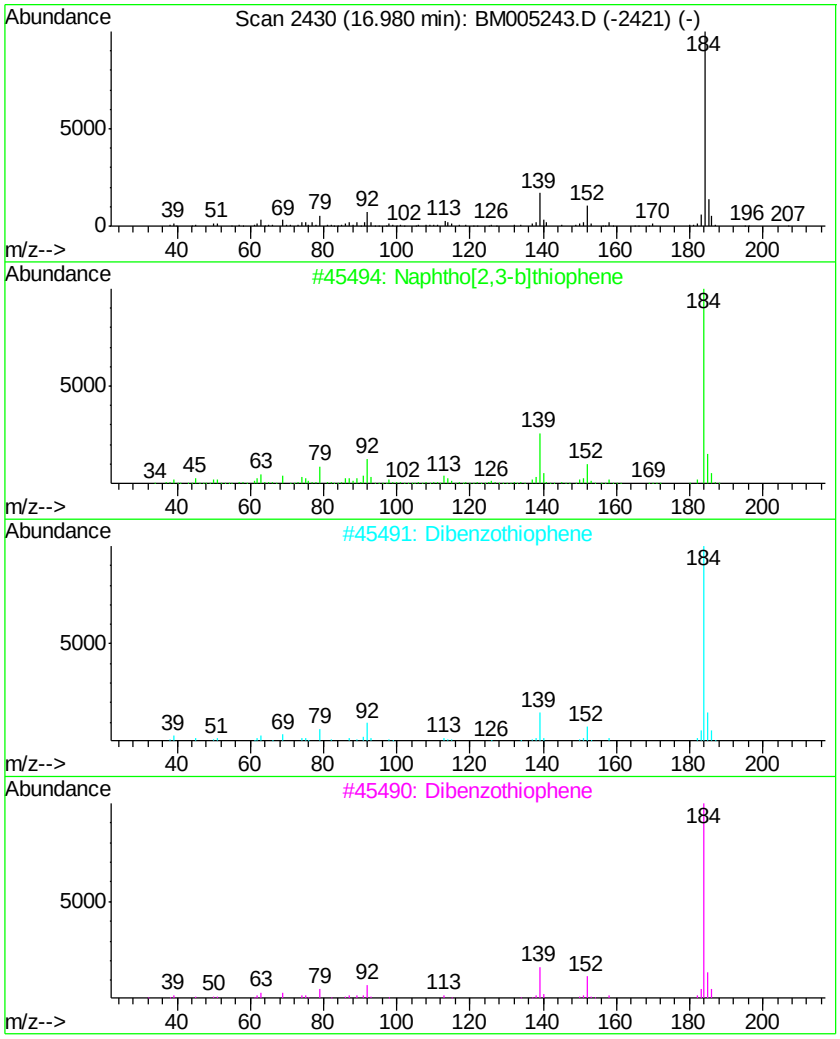
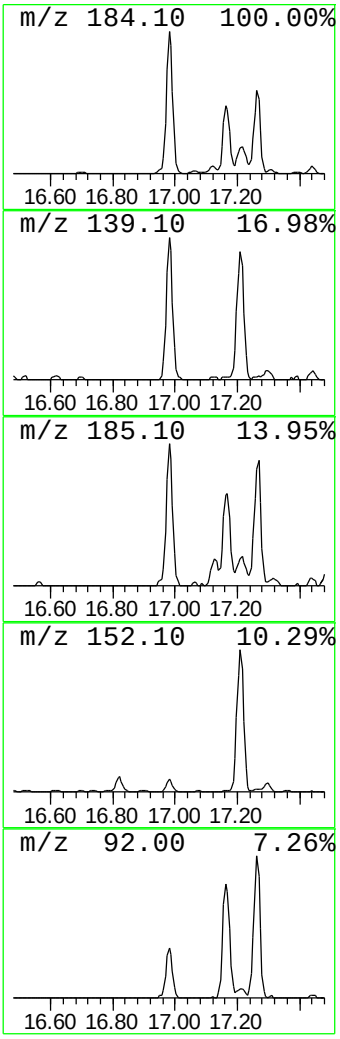
Peak Number 20 Naphtho[2,3-b]thiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.98	6.04 ng/ul	468321	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	96
4	Dibenzothiophene	184	C12H8S	000132-65-0	95
5	Dibenzothiophene	184	C12H8S	000132-65-0	94





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Acq On : 05 May 2016 20:15
Operator : UM/SJ
Sample : H2813-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7M6

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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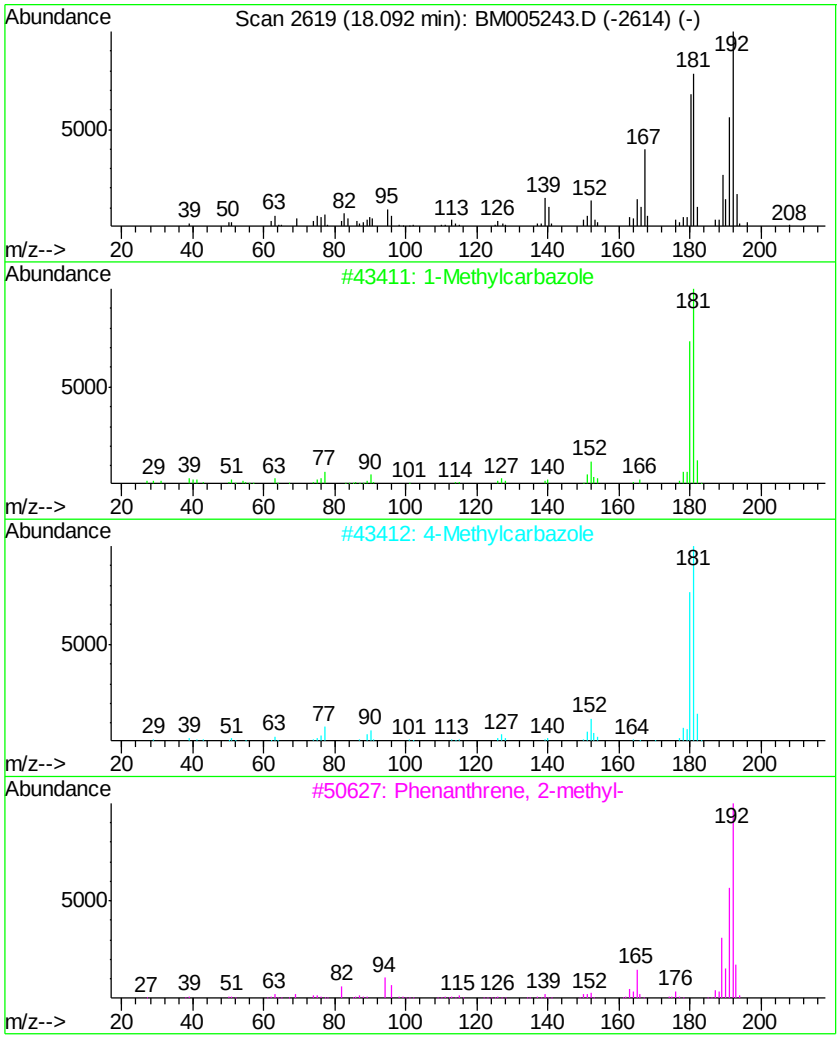
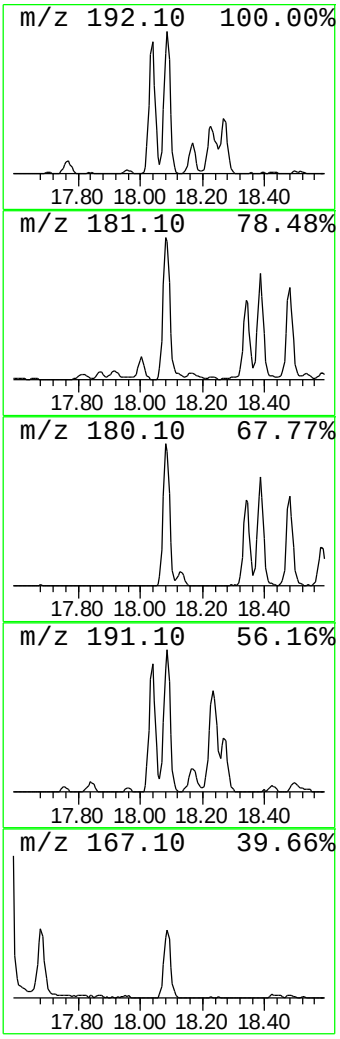
Peak Number 21 1-Methylcarbazole Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	4.53 ng/ul	351516	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methylcarbazole	181	C13H11N	006510-65-2	94
2	4-Methylcarbazole	181	C13H11N	003770-48-7	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86
4	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	83
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	74





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Sample : H2813-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7M6

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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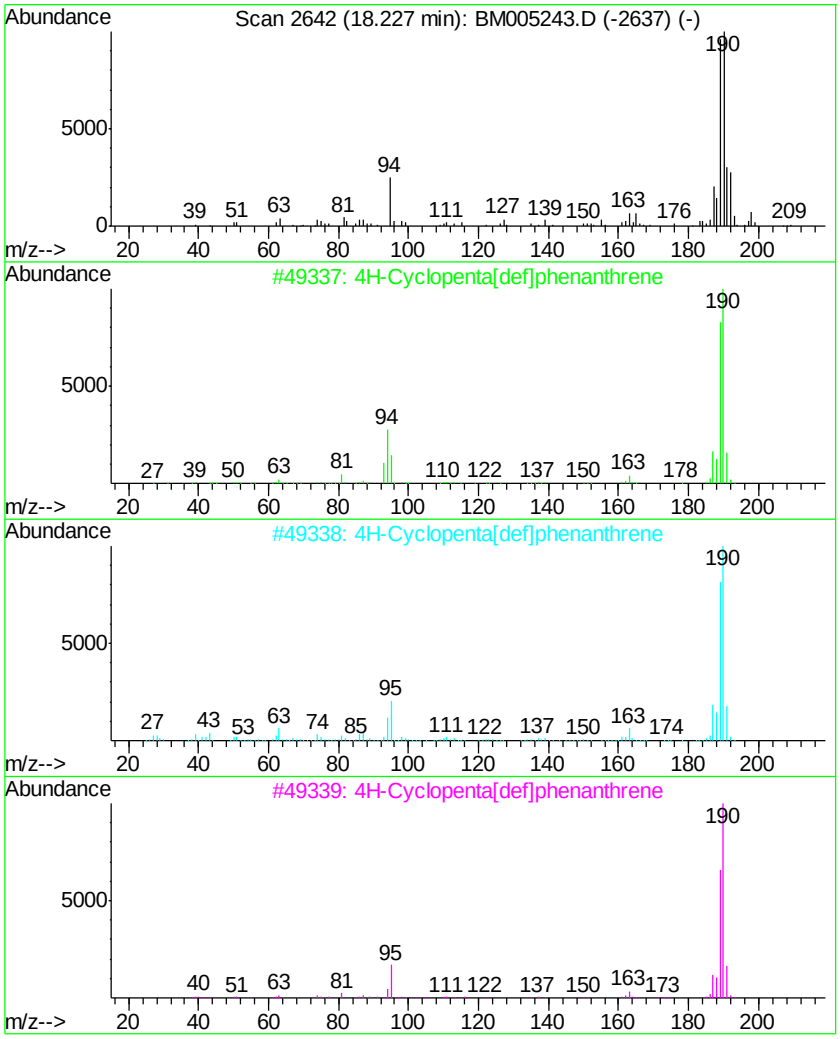
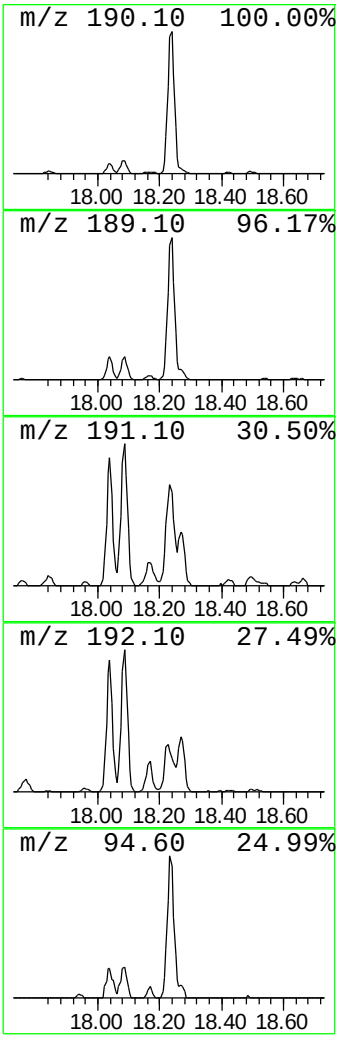
Peak Number 22 4H-Cyclopenta[def]phenanthrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	5.23 ng/ul	405495	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	90
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	80
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
5	Methyl diselenide	190	C2H6Se2	007101-31-7	49





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Operator : UM/SJ
Sample : H2813-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7M6

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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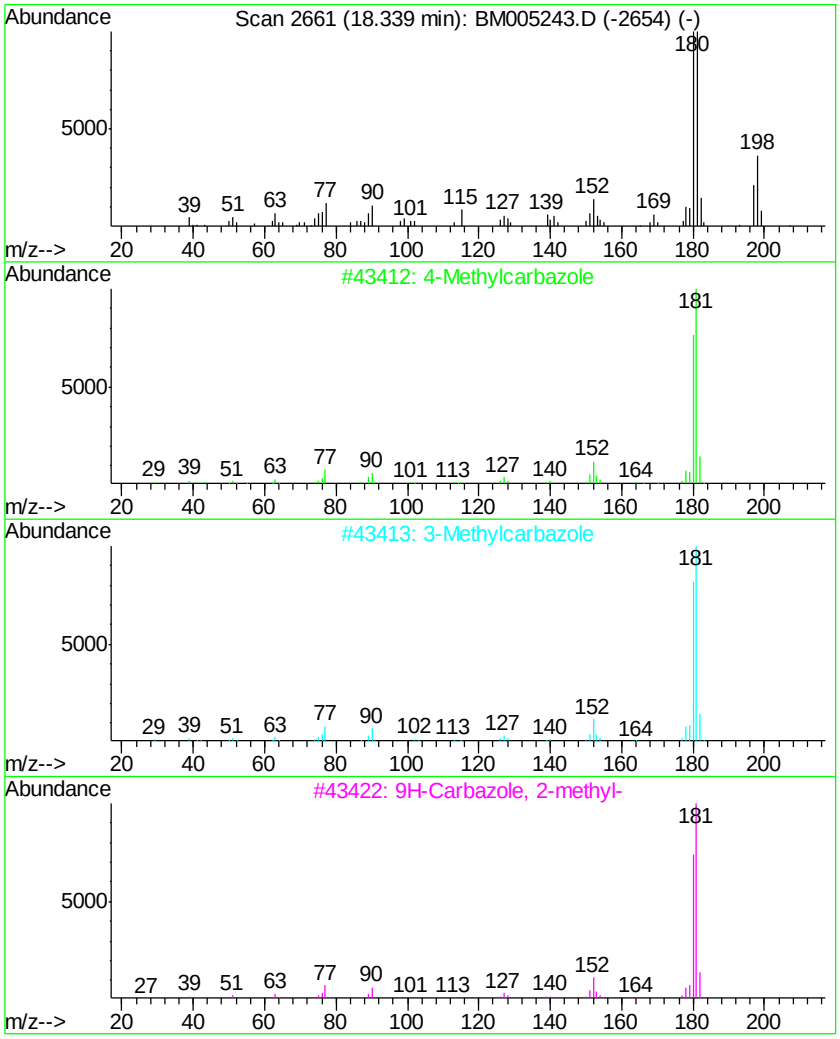
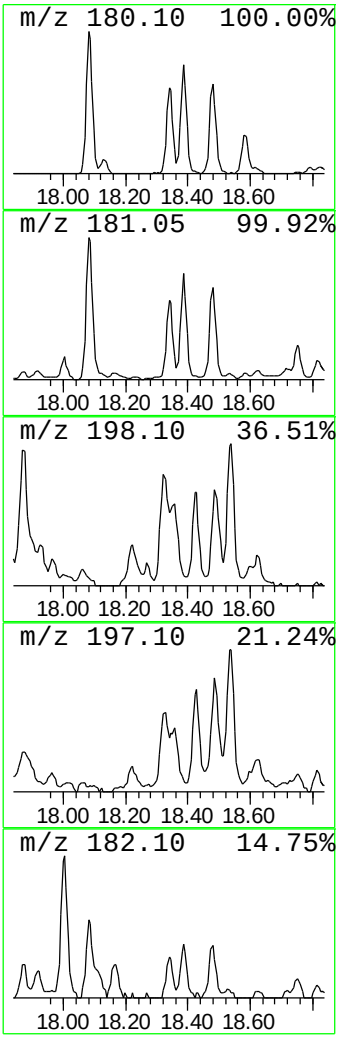
Peak Number 23 4-Methylcarbazole Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	2.51 ng/ul	194731	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylcarbazole	181	C13H11N	003770-48-7	97
2	3-Methylcarbazole	181	C13H11N	004630-20-0	96
3	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	96
4	3-Methylcarbazole	181	C13H11N	004630-20-0	96
5	Methylcarbazole	181	C13H11N	027323-29-1	94





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Acq On : 05 May 2016 20:15
Operator : UM/SJ
Sample : H2813-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7M6

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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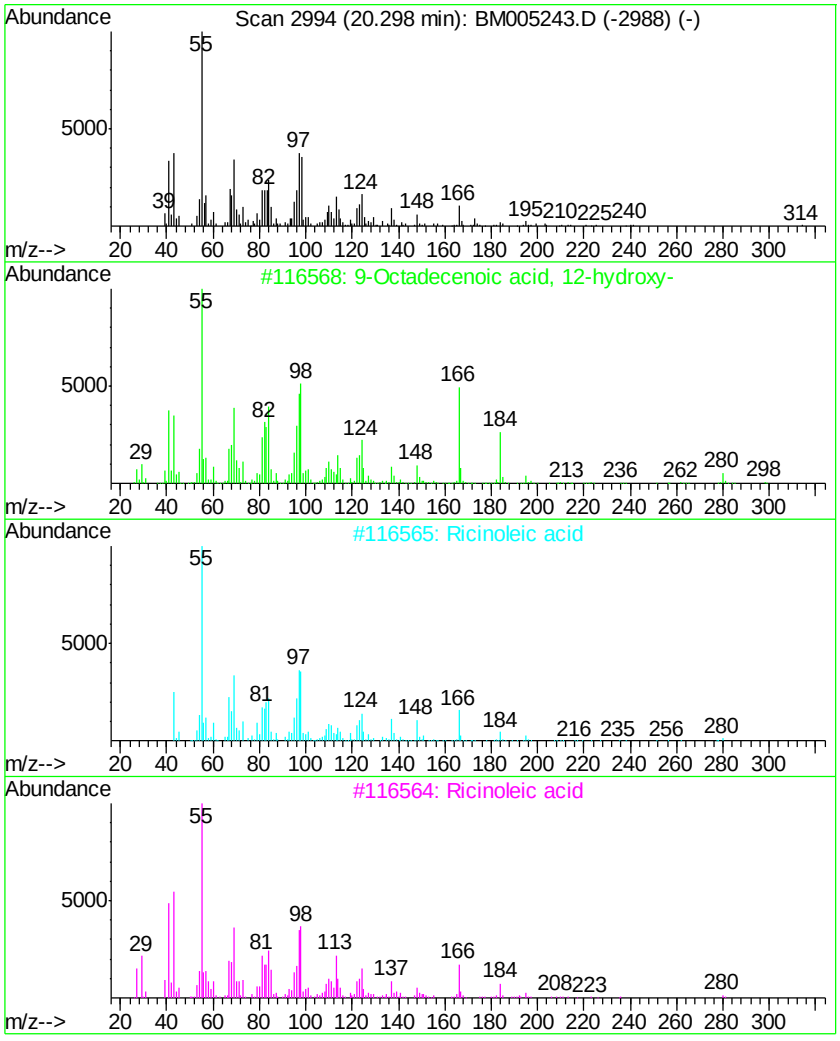
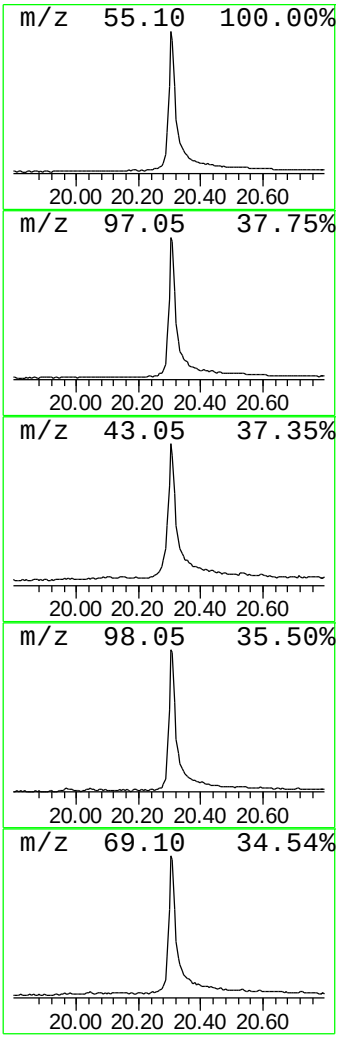
Peak Number 25 9-Octadecenoic acid, 12-hyd... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.30	11.40 ng/ul	1161440	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, 12-hydroxy-	298	C18H34O3	007431-95-0	81
2	Ricinoleic acid	298	C18H34O3	000141-22-0	80
3	Ricinoleic acid	298	C18H34O3	000141-22-0	80
4	Methyl ricinoleate	312	C19H36O3	000141-24-2	64
5	Ricinoleic acid	298	C18H34O3	000141-22-0	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005243.D
Acq On : 05 May 2016 20:15
Operator : UM/SJ
Sample : H2813-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7M6

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
Heptanal	5.84	10.1	ng/ul	235263	1	7.77	467212	20.0
Benzene, 1,2,3-tr...	7.42	10.1	ng/ul	235444	1	7.77	467212	20.0
Indane	8.15	28.9	ng/ul	675337	1	7.77	467212	20.0
Indene	8.30	47.9	ng/ul	1117870	1	7.77	467212	20.0
Heptanoic acid	8.38	7.5	ng/ul	175605	1	7.77	467212	20.0
Benzofuran, 2-met...	9.25	11.1	ng/ul	354532	2	10.57	641132	20.0
3-Phenylbut-1-ene	9.97	15.8	ng/ul	507818	2	10.57	641132	20.0
2-Benzothiophene #	10.74	48.0	ng/ul	1539950	2	10.57	641132	20.0
Benzo[b]thiophene...	12.35	6.6	ng/ul	212458	2	10.57	641132	20.0
Naphthalene, 1-me...	12.45	117.3	ng/ul	3758810	2	10.57	641132	20.0
Naphthalene, 1-et...	13.44	5.6	ng/ul	381533	3	14.42	1371960	20.0
Naphthalene, 1,6-...	13.57	6.4	ng/ul	440055	3	14.42	1371960	20.0
Naphthalene, 2,6-...	13.73	12.9	ng/ul	888458	3	14.42	1371960	20.0
Naphthalene, 2,3-...	13.97	4.7	ng/ul	325321	3	14.42	1371960	20.0
Naphthalene, 1,4-...	14.00	2.7	ng/ul	183677	3	14.42	1371960	20.0
2-Naphthalenecarb...	14.55	7.4	ng/ul	509401	3	14.42	1371960	20.0
Dibenzofuran, 4-m...	15.76	3.8	ng/ul	258908	3	14.42	1371960	20.0
9H-Fluoren-9-ol	15.90	6.3	ng/ul	491938	4	17.16	1550870	20.0
9H-Fluorene, 2-me...	16.47	3.3	ng/ul	259131	4	17.16	1550870	20.0
Naphtho[2,3-b]thi...	16.98	6.0	ng/ul	468321	4	17.16	1550870	20.0
1-Methylcarbazole	18.09	4.5	ng/ul	351516	4	17.16	1550870	20.0
4H-Cyclopenta[def...	18.23	5.2	ng/ul	405495	4	17.16	1550870	20.0
4-Methylcarbazole	18.34	2.5	ng/ul	194731	4	17.16	1550870	20.0
9-Octadecenoic ac...	20.30	11.4	ng/ul	1161440	5	21.36	2038250	20.0