LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005257.D
Acq On : 06 May 2016 04:47
Operator : UM/SJ
Sample : H2813-14
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7T5

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	460	467	480	rBV	105190	230717	1.49%	0.199%
2	5.798	521	529	536	rVB	100055	167579	1.09%	0.145%
3	6.945	716	724	729	rVV2	88581	189517	1.23%	0.164%
4	6.998	729	733	740	rVB	107070	159095	1.03%	0.137%
5	7.110	745	752	758	rBV	292069	465640	3.02%	0.402%
6	7.304	779	785	794	rBV	308350	508958	3.30%	0.440%
7	7.422	799	805	811	rBV	232025	367200	2.38%	0.317%
8	7.492	811	817	826	rVB	222493	373170	2.42%	0.322%
9	7.775	858	865	875	rVV	351008	586635	3.80%	0.507%
10	8.139	920	927	935	rBV	622513	1034532	6.70%	0.894%
11	8.304	949	955	967	rVB	1354868	2298654	14.88%	1.986%
12	8.480	978	985	996	rBV	268629	461208	2.99%	0.399%
13	8.933	1056	1062	1074	rVB2	410556	798323	5.17%	0.690%
14	9.122	1087	1094	1102	rVB	436939	691295	4.48%	0.597%
15	9.239	1102	1114	1121	rVV2	306580	755863	4.89%	0.653%
16	9.304	1121	1125	1135	rVV	171633	286810	1.86%	0.248%
17	9.651	1178	1184	1190	rBV	337572	563679	3.65%	0.487%
18	9.810	1205	1211	1223	rVB	125549	212514	1.38%	0.184%
19	9.963	1227	1237	1248	rBV3	205793	526848	3.41%	0.455%
20	10.192	1270	1276	1285	rVB2	573913	1012046	6.55%	0.875%
21	10.569	1331	1340	1342	rBV	444675	822868	5.33%	0.711%
22	10.639	1342	1352	1358	rVV	5823497	15443800	100.00%	13.345%
23	10.739	1361	1369	1377	rVB	1824649	3192601	20.67%	2.759%
24	11.669	1520	1527	1537	rBV2	164029	358616	2.32%	0.310%
25	11.951	1570	1575	1583	rBV	110882	184669	1.20%	0.160%
26	12.121	1598	1604	1613	rVB	249089	414481	2.68%	0.358%
27	12.233	1613	1623	1629	rBV	3632101	6862710	44.44%	5.930%
28	12.345	1636	1642	1648	rBV	145426	252873	1.64%	0.219%
29	12.451	1648	1660	1669	rVB	2756649	4975411	32.22%	4.299%
30	13.245	1784	1795	1807	rBV	1563465	2466470	15.97%	2.131%
31	13.439	1822	1828	1839	rVB	396834	735776	4.76%	0.636%
32	13.574	1839	1851	1852	rBV	477067	785173	5.08%	0.678%
33	13.733	1870	1878	1883	rBV	740608	1354160	8.77%	1.170%
34	13.786	1883	1887	1890	rVV	483742	740283	4.79%	0.640%

LSC Area Percent Report

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Data File : BM005257.D
Acq On : 06 May 2016 04:47
Operator : UM/SJ
Sample : H2813-14
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7T5

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	13.827	1890	1894	1899	rVB	992099	1433125	9.28%	1.238%
36	13.968	1912	1918	1922	rBV	291607	458069	2.97%	0.396%
37	14.104	1935	1941	1953	rBV2	1127755	2300660	14.90%	1.988%
38	14.415	1983	1994	1999	rBV3	867540	1790551	11.59%	1.547%
39	14.486	1999	2006	2012	rVV	3615327	6289654	40.73%	5.435%
40	14.551	2012	2017	2022	rVB	203585	293373	1.90%	0.254%
41	14.633	2022	2031	2038	rBV2	116787	250610	1.62%	0.217%
42	14.727	2038	2047	2051	rVB	146033	243698	1.58%	0.211%
43	14.821	2056	2063	2070	rVV	3096525	5097695	33.01%	4.405%
44	15.027	2089	2098	2104	rBV3	79467	170694	1.11%	0.148%
45	15.409	2148	2163	2168	rBV	1491841	2460440	15.93%	2.126%
46	15.468	2168	2173	2181	rVV	2862793	4981270	32.25%	4.304%
47	15.539	2181	2185	2191	rVV2	572712	904752	5.86%	0.782%
48	15.586	2191	2193	2196	rVV3	156627	202219	1.31%	0.175%
49	15.627	2196	2200	2205	rVB2	259131	362448	2.35%	0.313%
50	15.757	2218	2222	2232	rVB	328491	562604	3.64%	0.486%
51	15.904	2243	2247	2257	rVV	359451	709427	4.59%	0.613%
52	16.162	2275	2291	2301	rBV2	756568	1974510	12.79%	1.706%
53	16.256	2301	2307	2315	rBV2	99637	188066	1.22%	0.163%
54	16.351	2316	2323	2327	rBV	610068	952300	6.17%	0.823%
55	16.445	2334	2339	2341	rBV2	136182	205353	1.33%	0.177%
56	16.751	2373	2391	2396	rBV	398237	1390896	9.01%	1.202%
57	16.980	2425	2430	2438	rVB	530341	778799	5.04%	0.673%
58	17.074	2438	2446	2449	rBV	674904	1356589	8.78%	1.172%
59	17.168	2456	2462	2465	rBV	1057214	1739522	11.26%	1.503%
60	17.215	2465	2470	2474	rVV	4048198	6841180	44.30%	5.912%
61	17.268	2474	2479	2483	rVV2	1814455	2839906	18.39%	2.454%
62	17.298	2483	2484	2491	rVB	450130	409601	2.65%	0.354%
63	17.539	2516	2525	2526	rBV	222866	462347	2.99%	0.400%
64	17.568	2526	2530	2536	rVB	1051000	1544960	10.00%	1.335%
65	17.686	2543	2550	2556	rBV4	72921	166858	1.08%	0.144%
66	18.039	2605	2610	2614	rBV	175870	267975	1.74%	0.232%
67	18.086	2614	2618	2623	rVB	323254	450612	2.92%	0.389%
68	18.239	2637	2644	2648	rBV	445651	749978	4.86%	0.648%
69	19.221	2806	2811	2818	rVB	1135600	1625121	10.52%	1.404%
70	19.327	2824	2829	2834	rBV	97417	155238	1.01%	0.134%
71	19.450	2841	2850	2863	rBV4	78278	228457	1.48%	0.197%

LSC Area Percent Report

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Data File : BM005257.D
Acq On : 06 May 2016 04:47
Operator : UM/SJ
Sample : H2813-14
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7T5

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

72	19.562	2863	2869	2872	rBV2	2132293	3320874	21.50%	2.870%
73	19.586	2872	2873	2882	rVB	746890	809631	5.24%	0.700%
74	19.968	2933	2938	2945	rVB	234385	324117	2.10%	0.280%
75	21.350	3167	3173	3179	rBV	1815285	2522597	16.33%	2.180%
76	21.838	3251	3256	3263	rBV	146253	228720	1.48%	0.198%
77	23.485	3528	3536	3551	rVB2	1560023	3138810	20.32%	2.712%
78	23.632	3552	3561	3575	rVB2	1110352	2258842	14.63%	1.952%

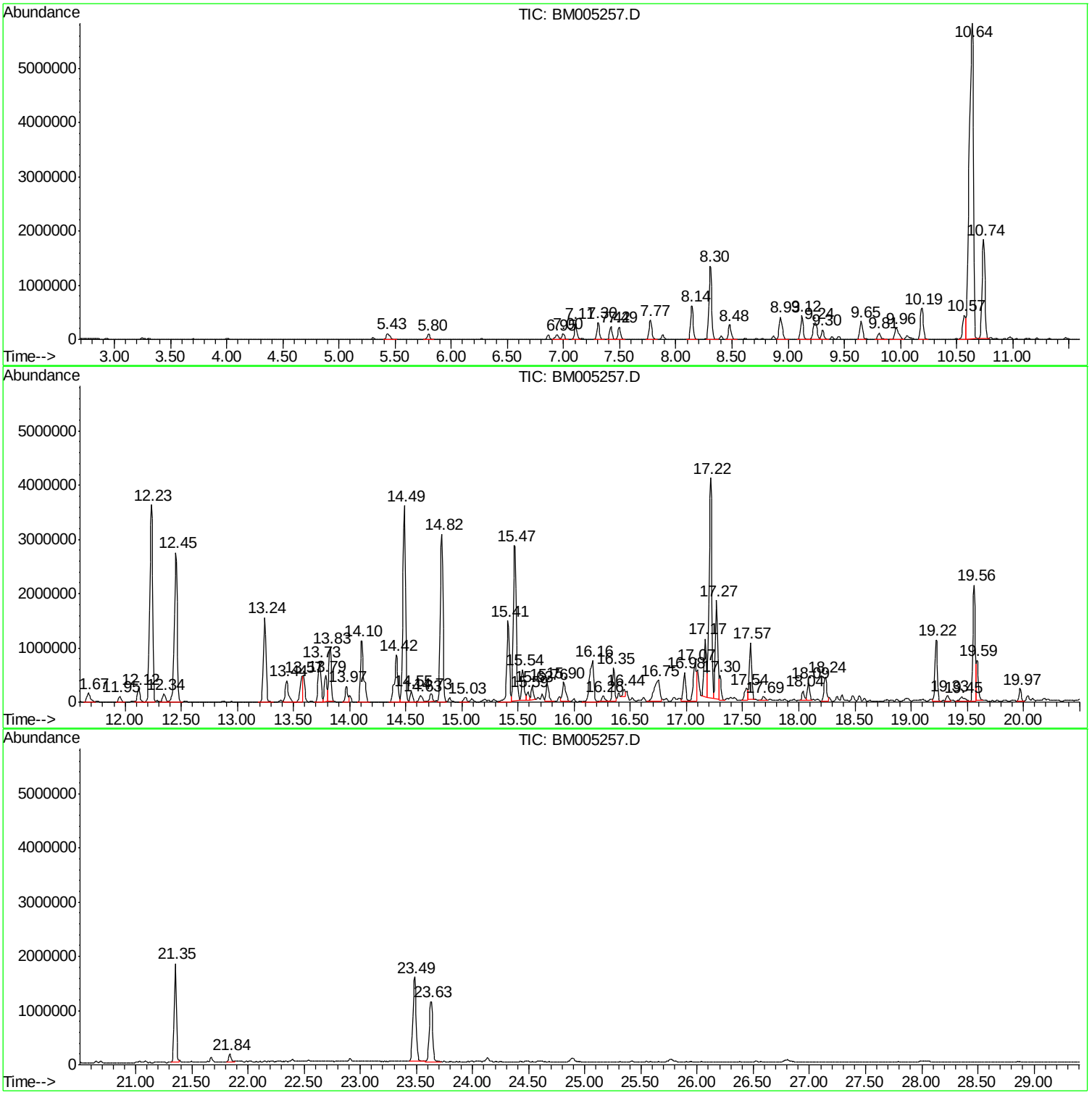
Sum of corrected areas: 115723322

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005257.D
Acq On : 06 May 2016 04:47
Operator : UM/SJ
Sample : H2813-14
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BC7T5

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005257.D
Acq On : 06 May 2016 04:47
Operator : UM/SJ
Sample : H2813-14
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7T5

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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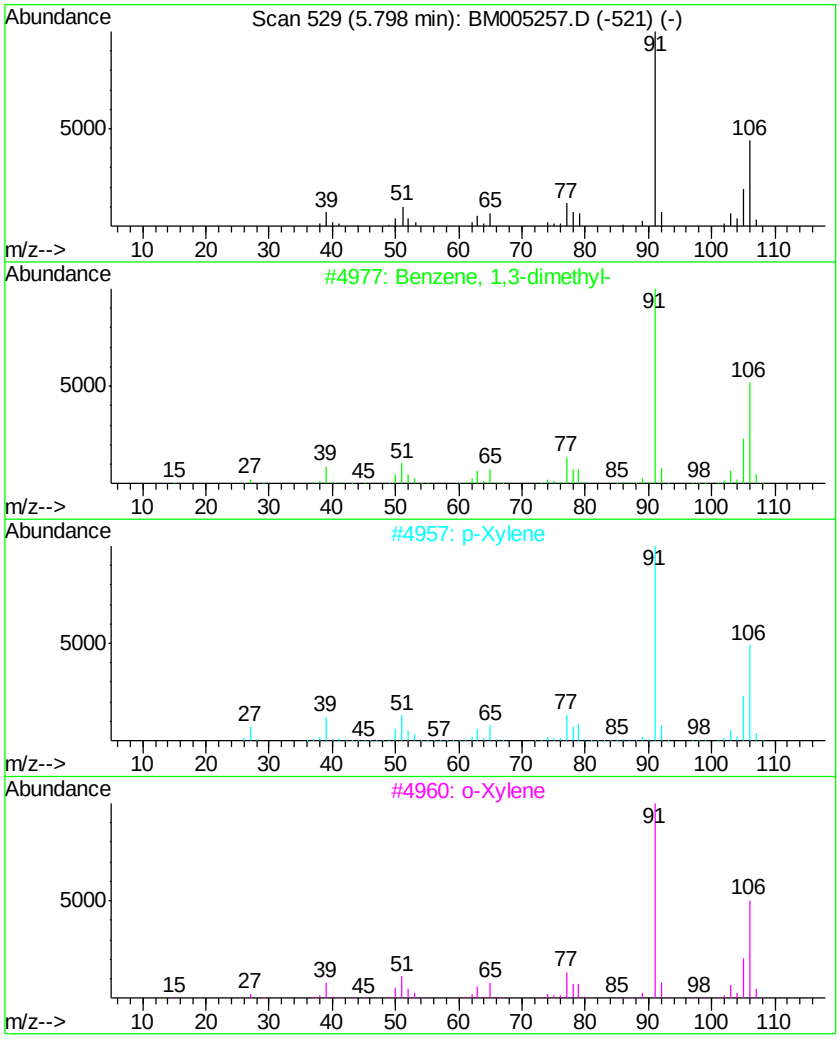
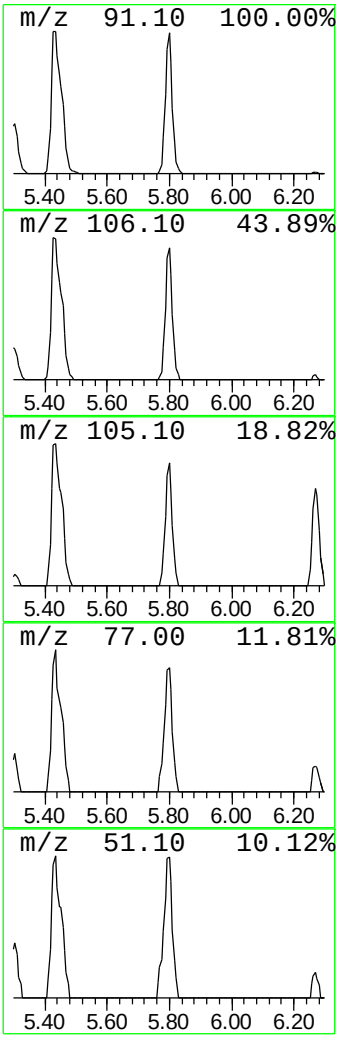
Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.80	5.71 ng/ul	167579	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	p-Xylene	106	C8H10	000106-42-3	97
3	o-Xylene	106	C8H10	000095-47-6	97
4	o-Xylene	106	C8H10	000095-47-6	95
5	p-Xylene	106	C8H10	000106-42-3	95





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005257.D
Acq On : 06 May 2016 04:47
Operator : UM/SJ
Sample : H2813-14
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7T5

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

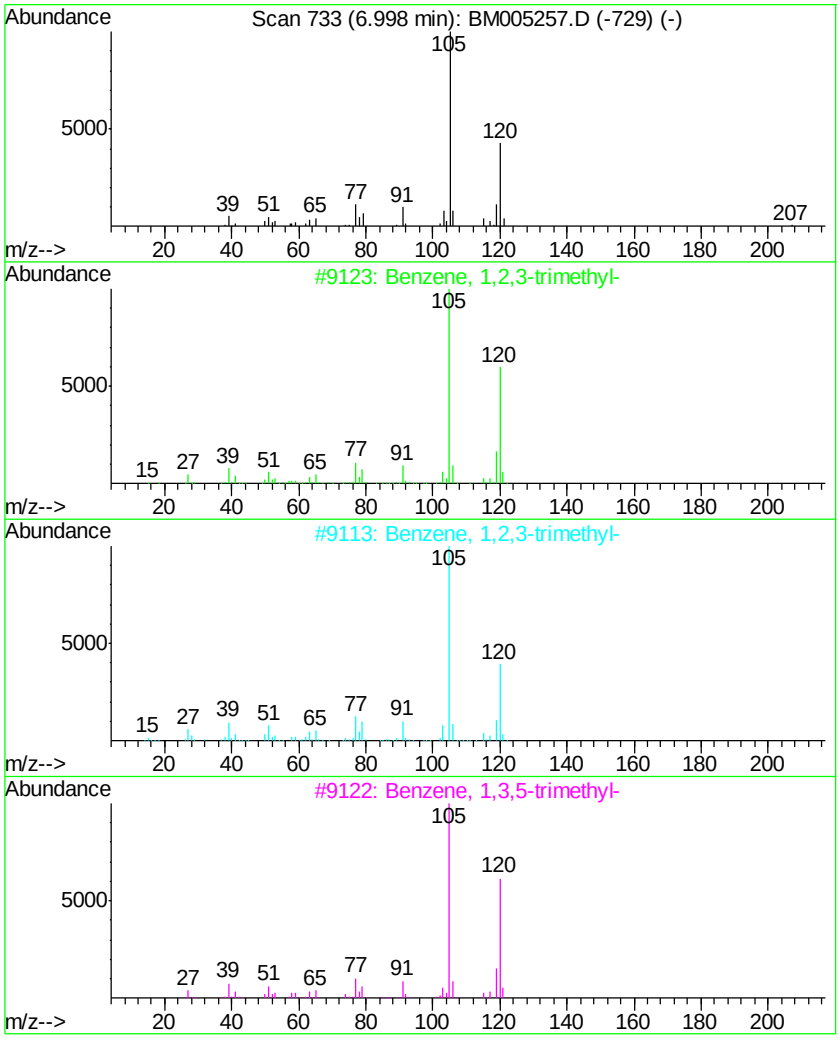
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

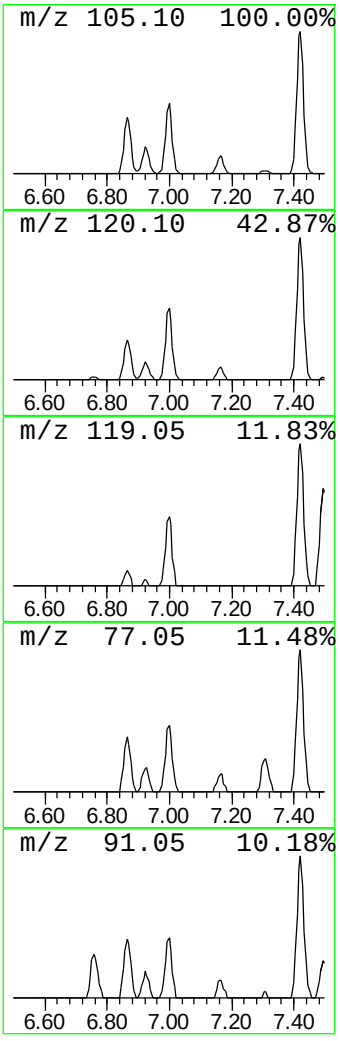
****

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	5.42 ng/ul	159095	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	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005257.D
Acq On : 06 May 2016 04:47
Operator : UM/SJ
Sample : H2813-14
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7T5

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

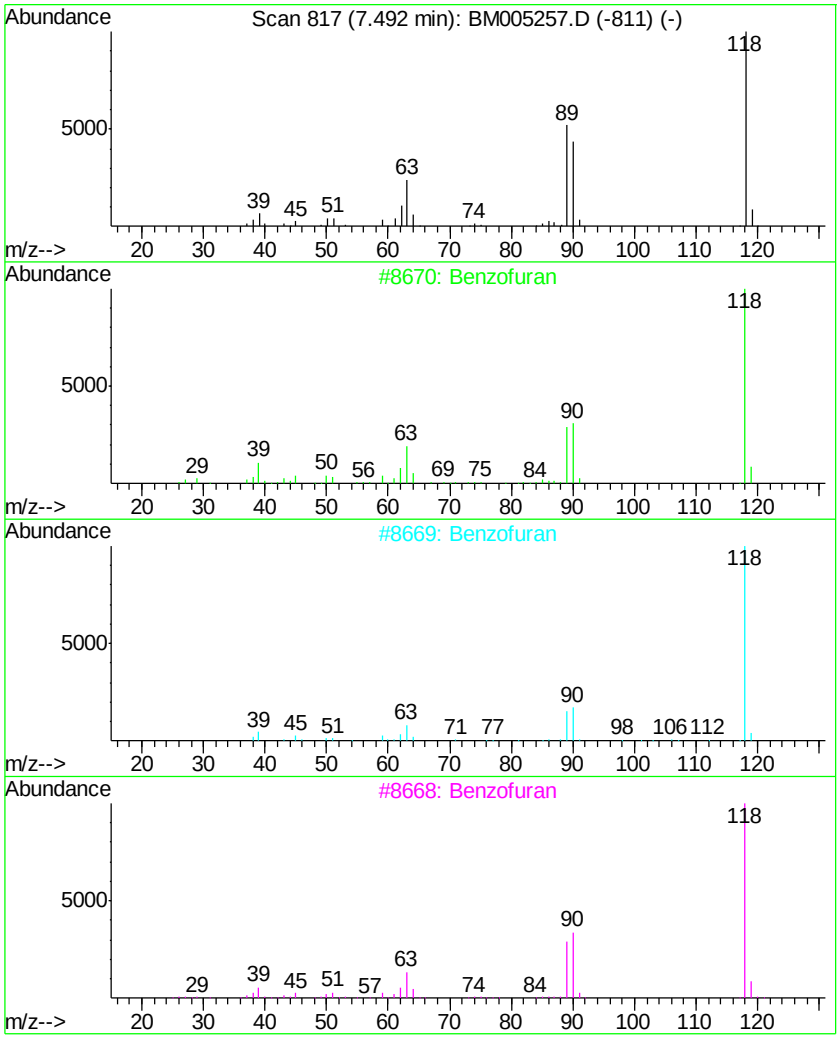
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

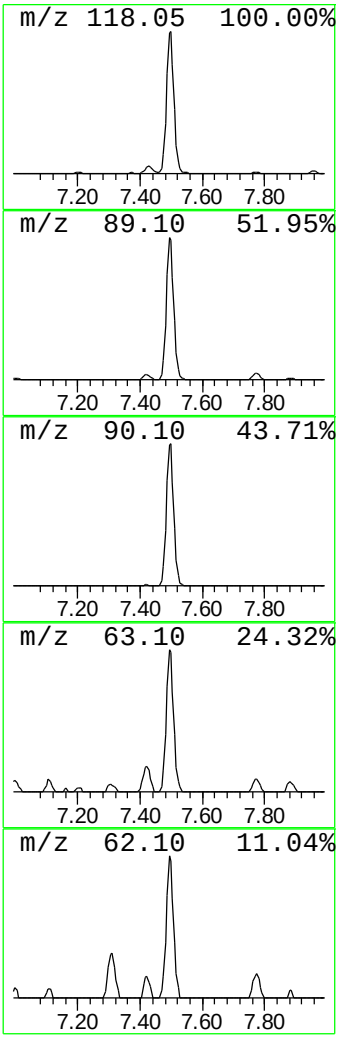
****

Peak Number 5 Benzofuran Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	12.72 ng/ul	373170	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	91
2	Benzofuran	118	C8H6O	000271-89-6	91
3	Benzofuran	118	C8H6O	000271-89-6	90
4	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	87
5	1H-Benzimidazole	118	C7H6N2	000051-17-2	50





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005257.D
Acq On : 06 May 2016 04:47
Operator : UM/SJ
Sample : H2813-14
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7T5

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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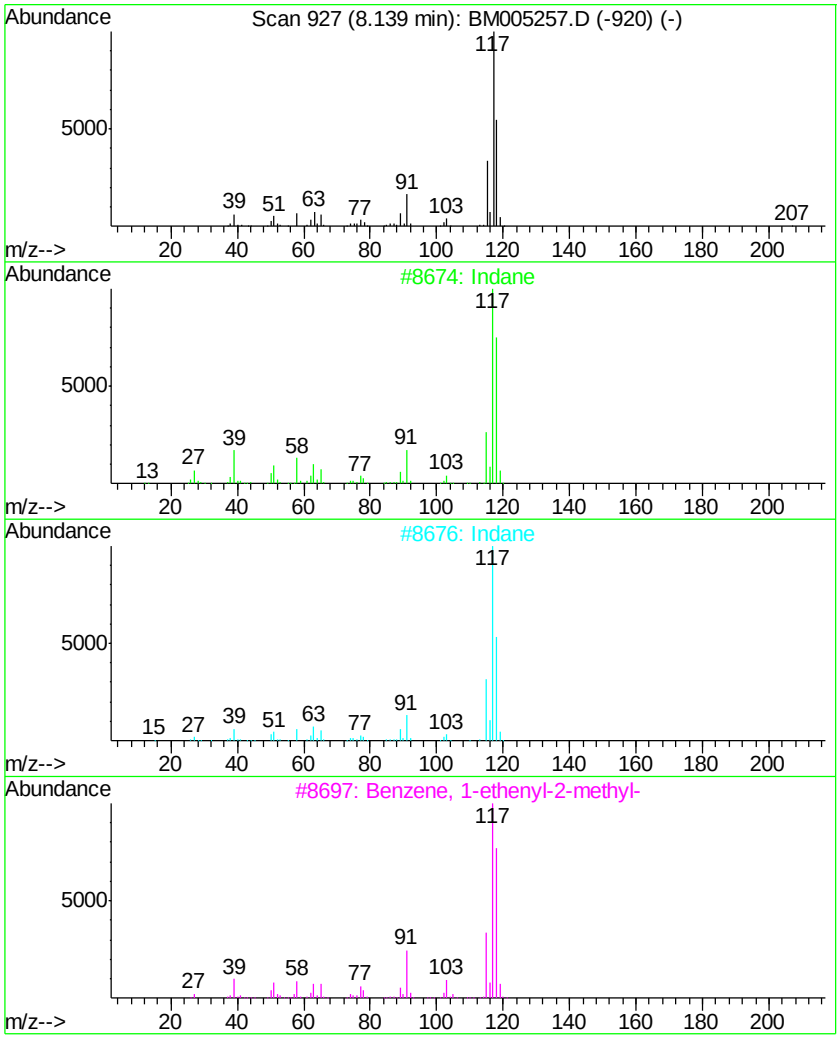
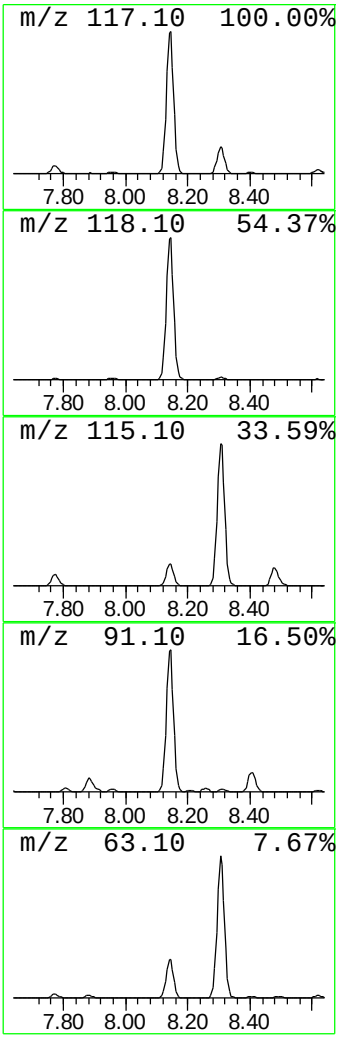
Peak Number 6 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	35.27 ng/ul	1034530	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Indane	118	C9H10	000496-11-7	87
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	80
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	72





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005257.D
Acq On : 06 May 2016 04:47
Operator : UM/SJ
Sample : H2813-14
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7T5

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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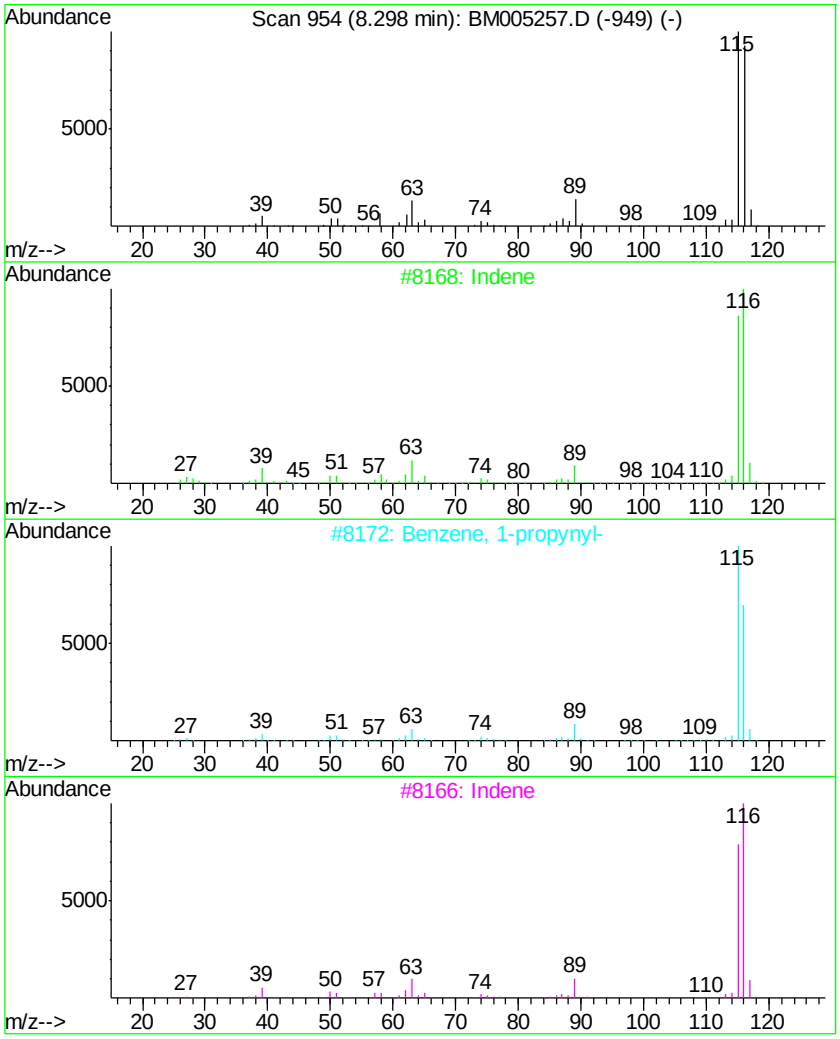
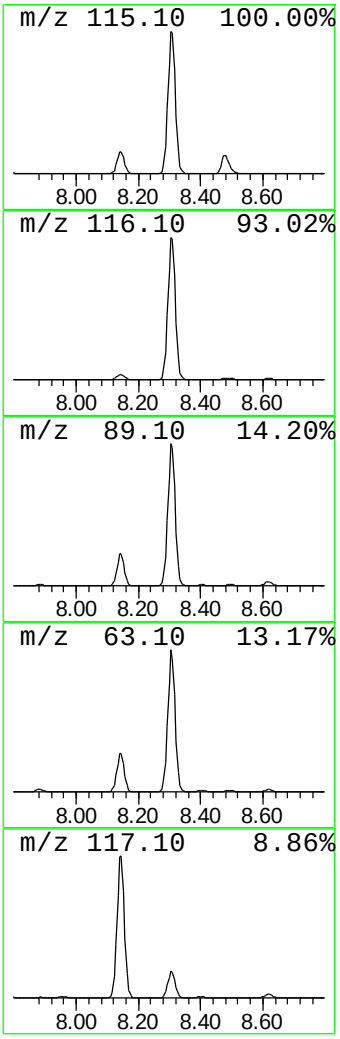
Peak Number 7 Indene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.30	78.37 ng/ul	2298650	1,4-Dichlorobenzene-d4	7.77

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





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005257.D
Acq On : 06 May 2016 04:47
Operator : UM/SJ
Sample : H2813-14
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7T5

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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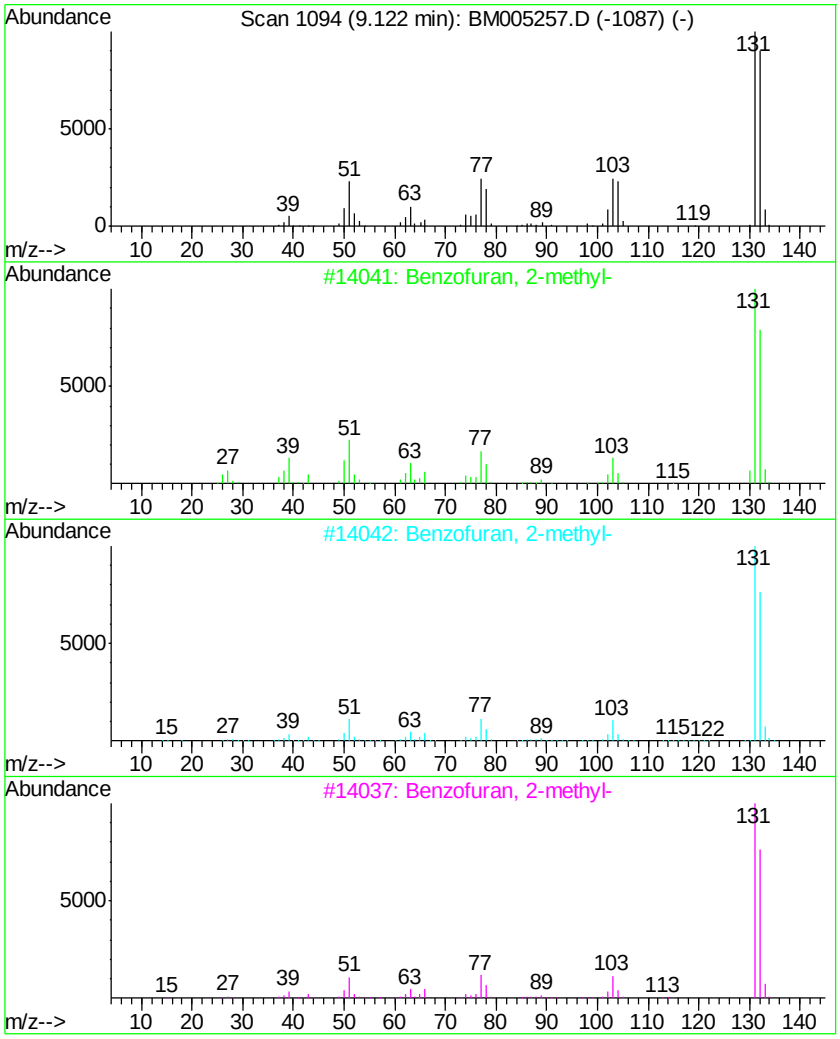
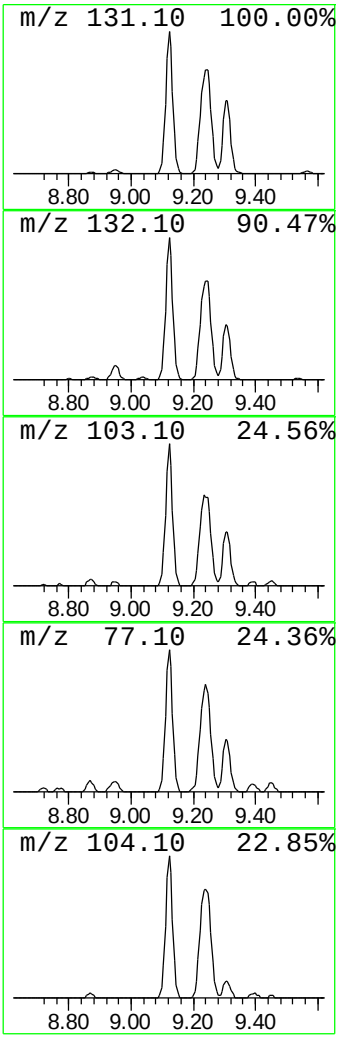
Peak Number 8 Benzofuran, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.12	23.57 ng/ul	691295	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
4	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	89
5	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	87





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005257.D
Acq On : 06 May 2016 04:47
Operator : UM/SJ
Sample : H2813-14
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7T5

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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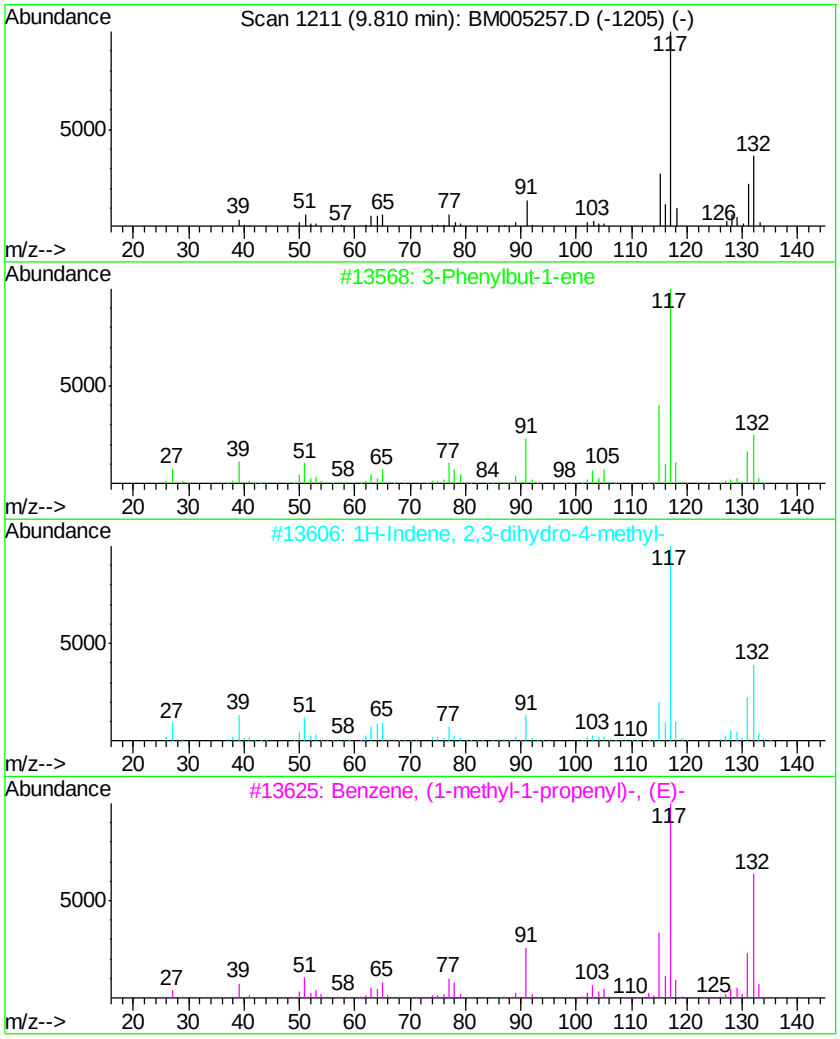
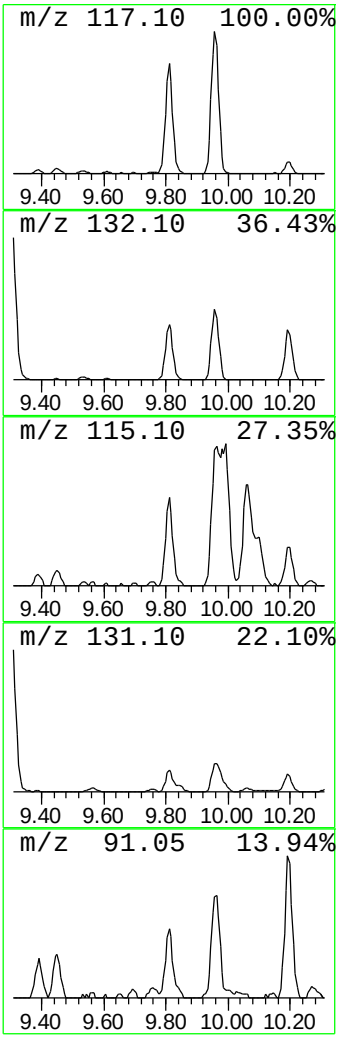
Peak Number 11 3-Phenylbut-1-ene Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.81	5.17 ng/ul	212514	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	83
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81





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Acq On : 06 May 2016 04:47
Operator : UM/SJ
Sample : H2813-14
Misc :
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Instrument : BNA_M
ClientSampleId : BC7T5

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Quant Title : SVOA CALIBRATION

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

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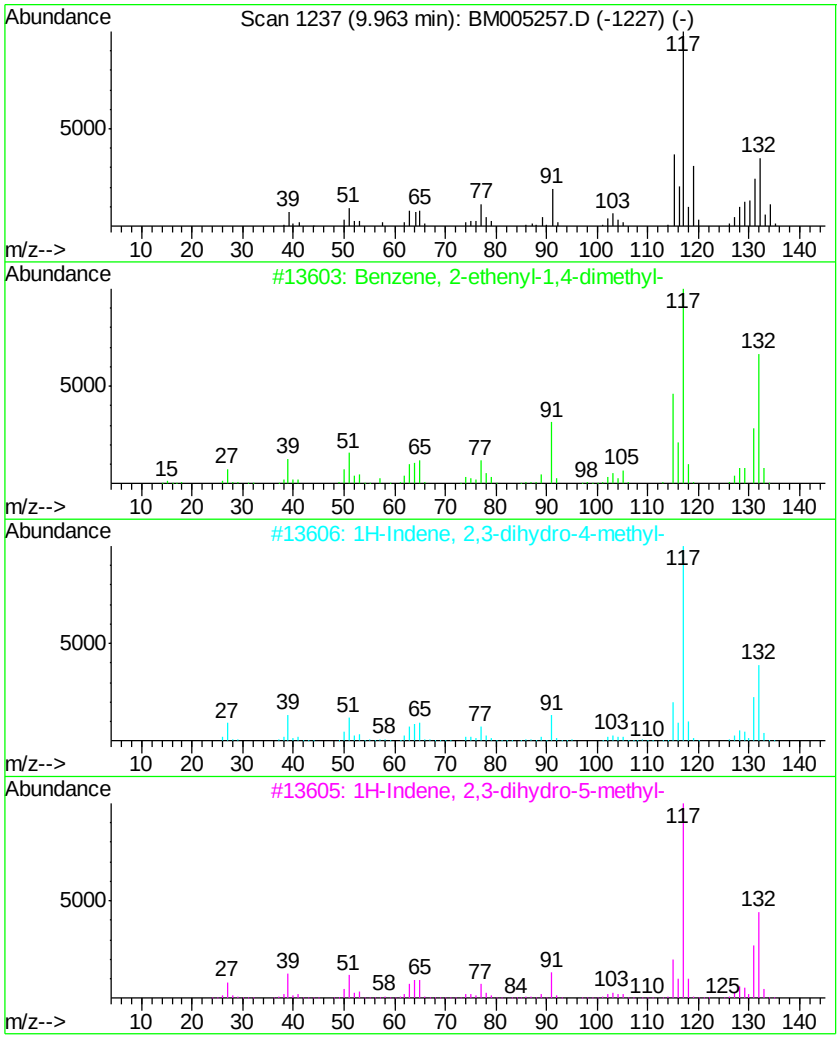
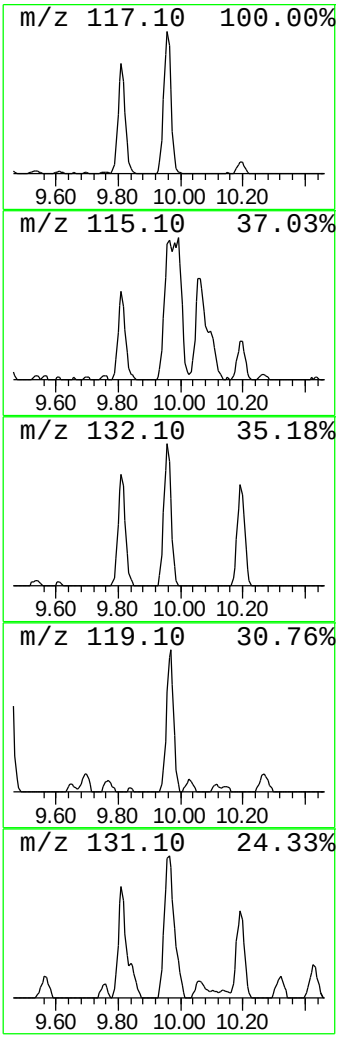
Peak Number 12 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	12.81 ng/ul	526848	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	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	64
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	64
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	60
5	Benzene, 1-butenyl-, (E)-	132	C10H12	001005-64-7	60





Library Search Compound Report

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Sample : H2813-14
Misc :
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Instrument : BNA_M
ClientSampleId : BC7T5

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Quant Title : SVOA CALIBRATION

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

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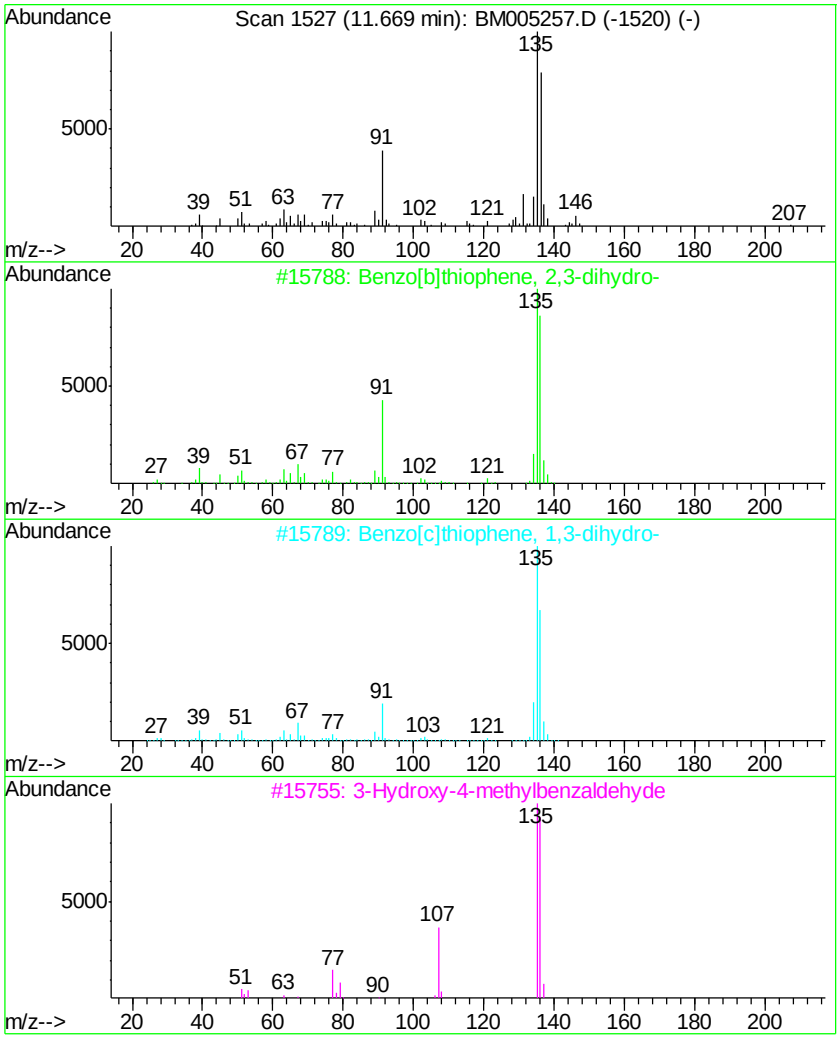
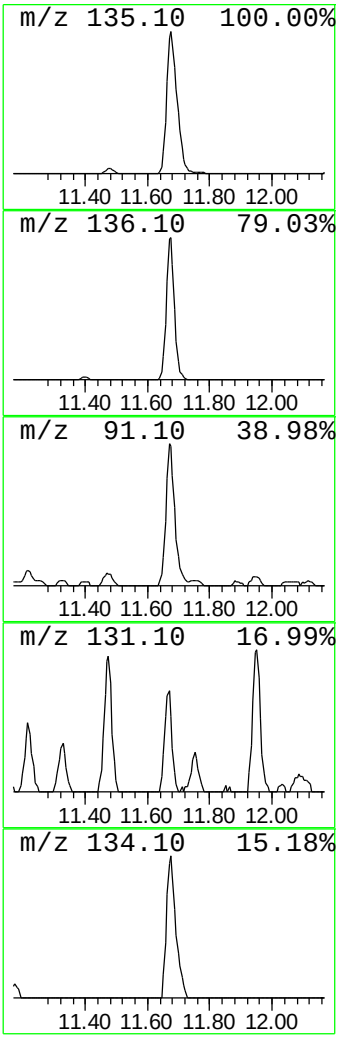
Peak Number 13 Benzo[b]thiophene, 2,3-dihy... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	8.72 ng/ul	358616	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	93
2	Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	74
3	3-Hydroxy-4-methylbenzaldehyde	136	C8H8O2	057295-30-4	72
4	Benzene, (ethenylthio)-	136	C8H8S	001822-73-7	72
5	4-Hydroxy-2-methylbenzaldehyde	136	C8H8O2	041438-18-0	72





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ALS Vial : 29 Sample Multiplier: 1

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ClientSampleId : BC7T5

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Quant Title : SVOA CALIBRATION

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

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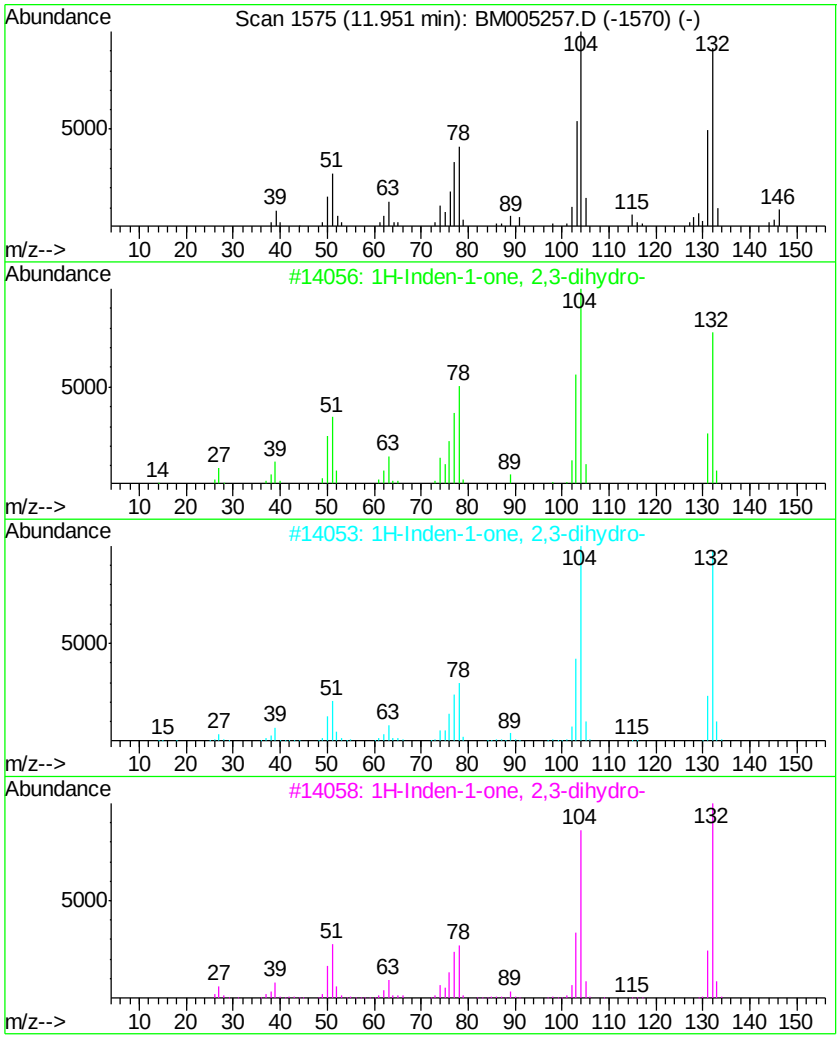
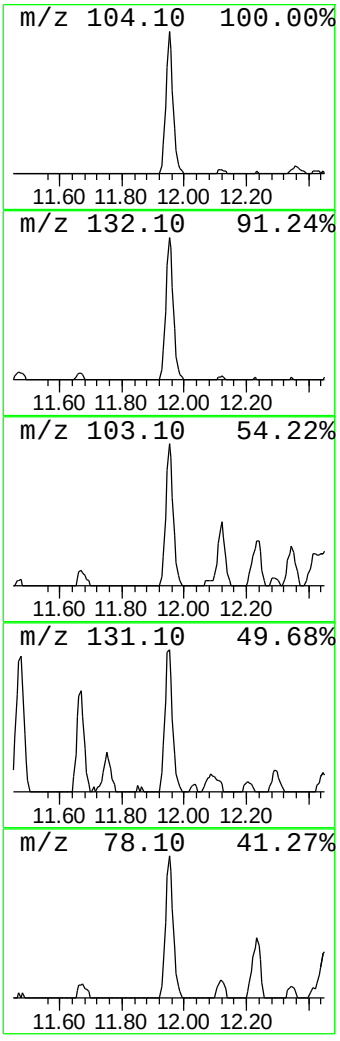
Peak Number 14 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	4.49 ng/ul	184669	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	97
2	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	95
3	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	93
4	5-Aminoindole	132	C8H8N2	005192-03-0	87
5	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	60





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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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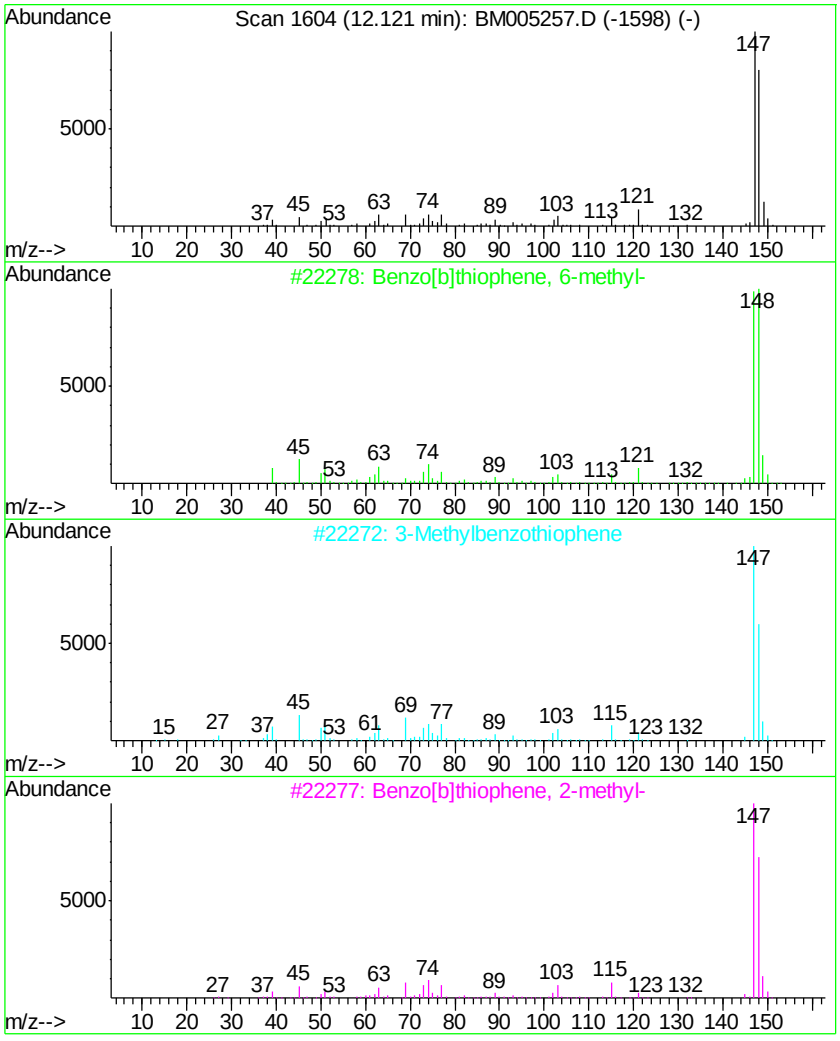
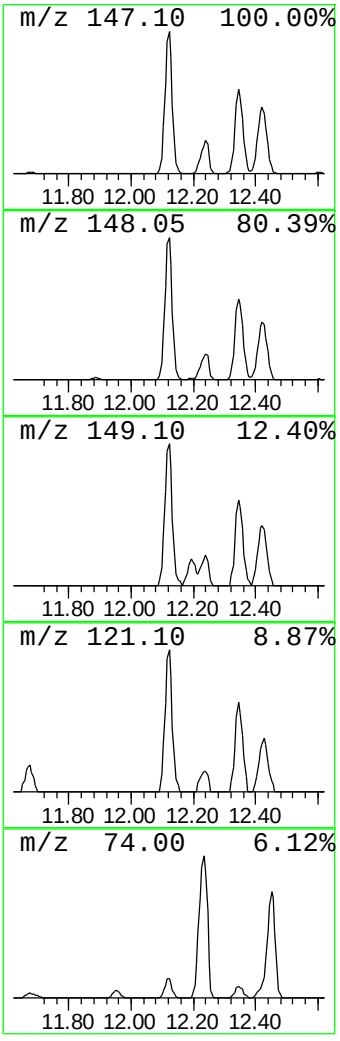
Peak Number 15 Benzo[b]thiophene, 6-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	10.07 ng/ul	414481	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	91
2	3-Methylbenzothiophene	148	C9H8S	001455-18-1	91
3	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
4	3-Methylbenzothiophene	148	C9H8S	001455-18-1	90
5	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	87





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Quant Title : SVOA CALIBRATION

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

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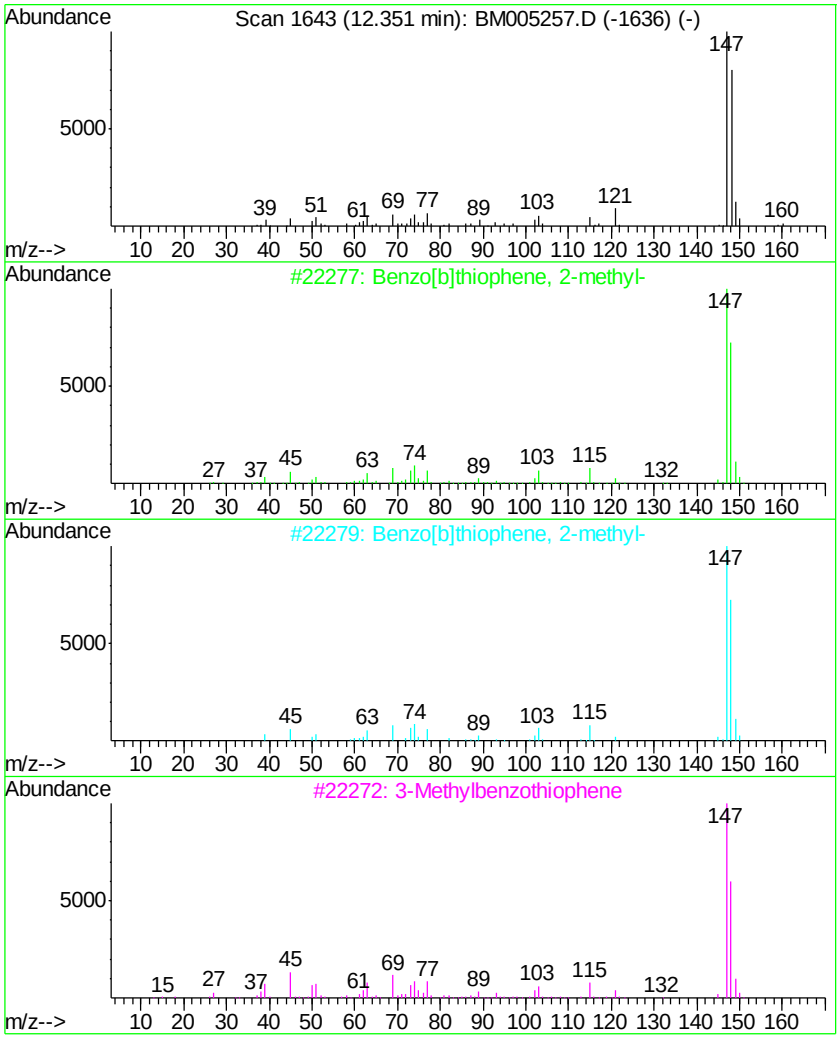
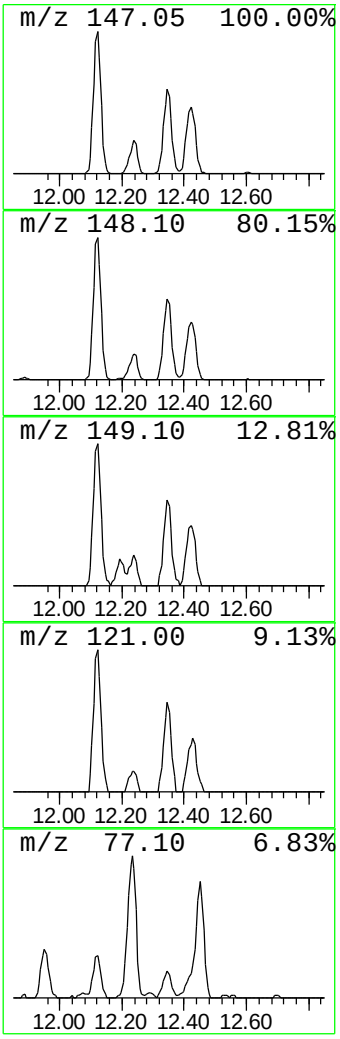
Peak Number 16 Benzo[b]thiophene, 2-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	6.15 ng/ul	252873	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	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
3	3-Methylbenzothiophene	148	C9H8S	001455-18-1	91
4	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	90
5	3-Methylbenzothiophene	148	C9H8S	001455-18-1	90





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Sample : H2813-14
Misc :
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Instrument : BNA_M
ClientSampleId : BC7T5

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Quant Title : SVOA CALIBRATION

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

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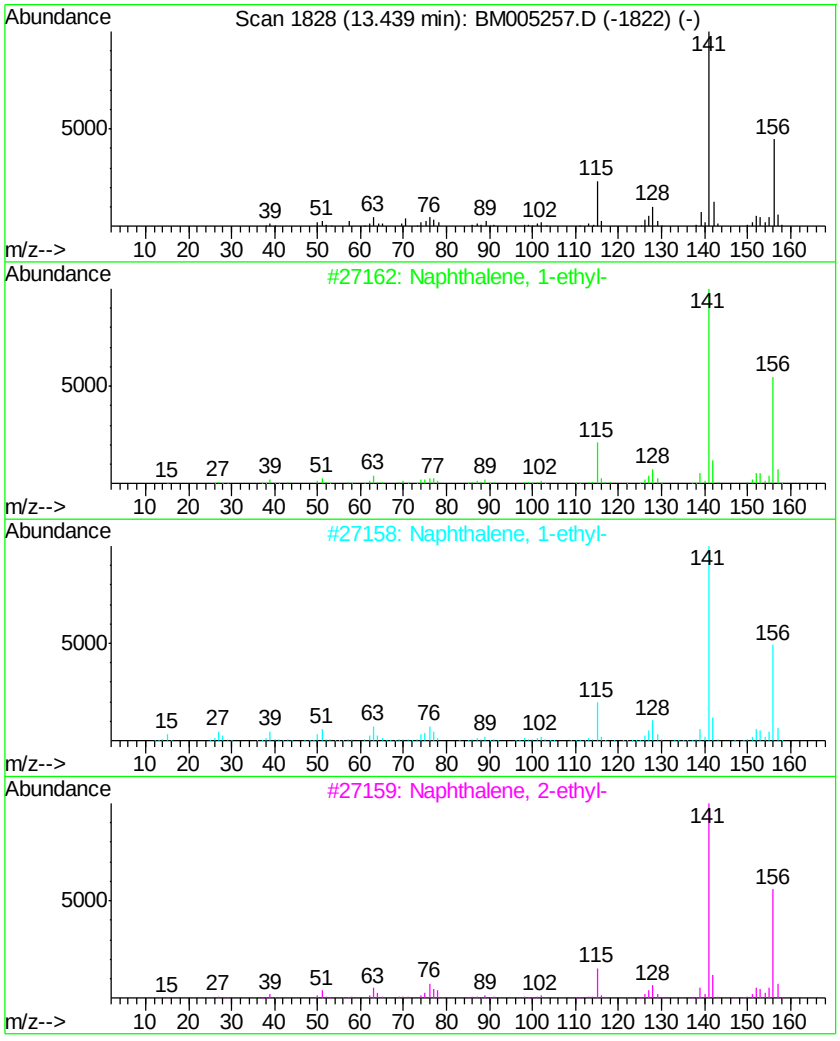
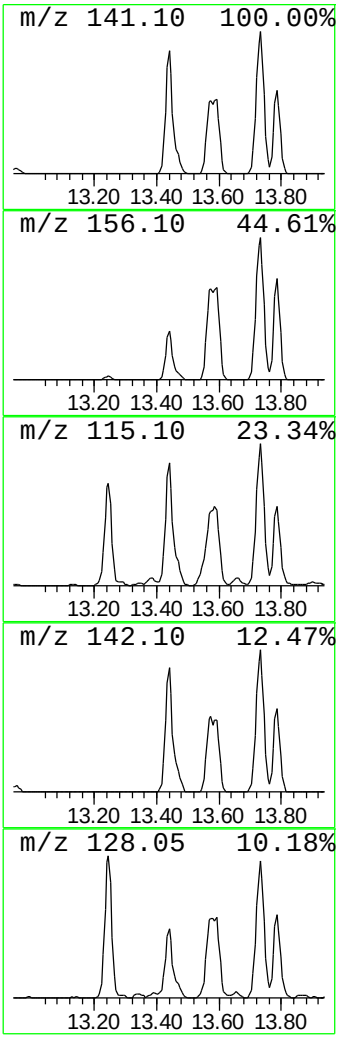
Peak Number 18 Naphthalene, 1-ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	8.22 ng/ul	735776	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, 1-ethyl-	156	C12H12	001127-76-0	95
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94





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Sample : H2813-14
Misc :
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Instrument : BNA_M
ClientSampleId : BC7T5

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Quant Title : SVOA CALIBRATION

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

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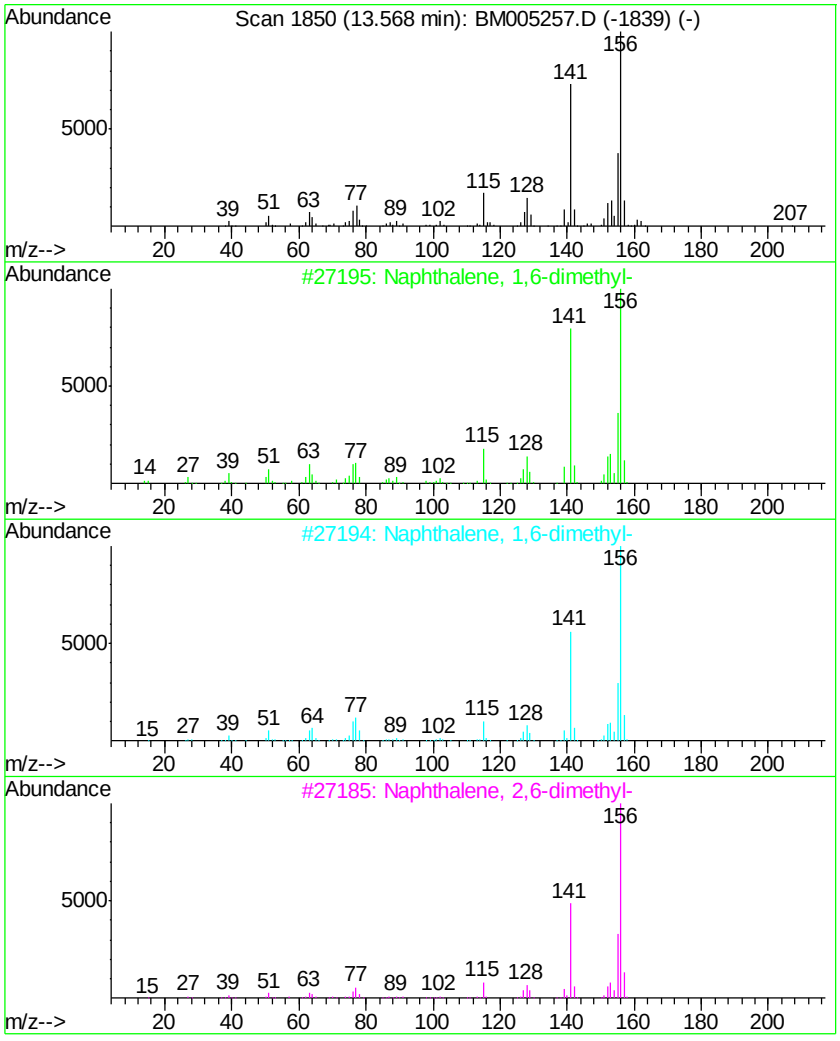
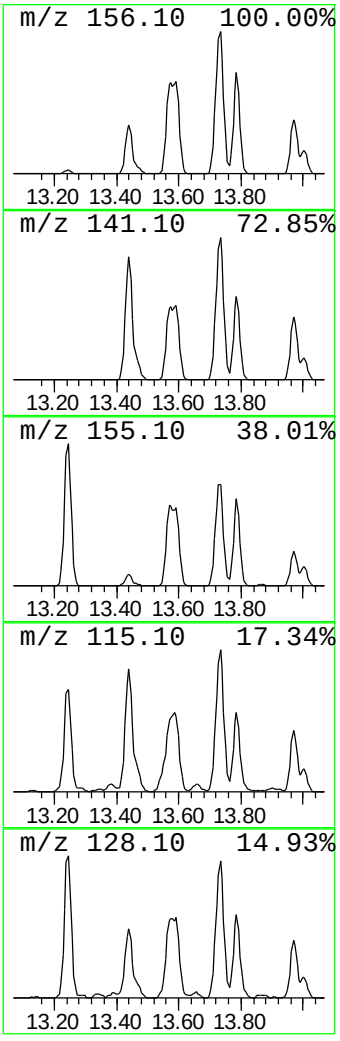
Peak Number 19 Naphthalene, 1,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.57	8.77 ng/ul	785173	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, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





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Misc :
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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 Naphthalene, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	15.13 ng/ul	1354160	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, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
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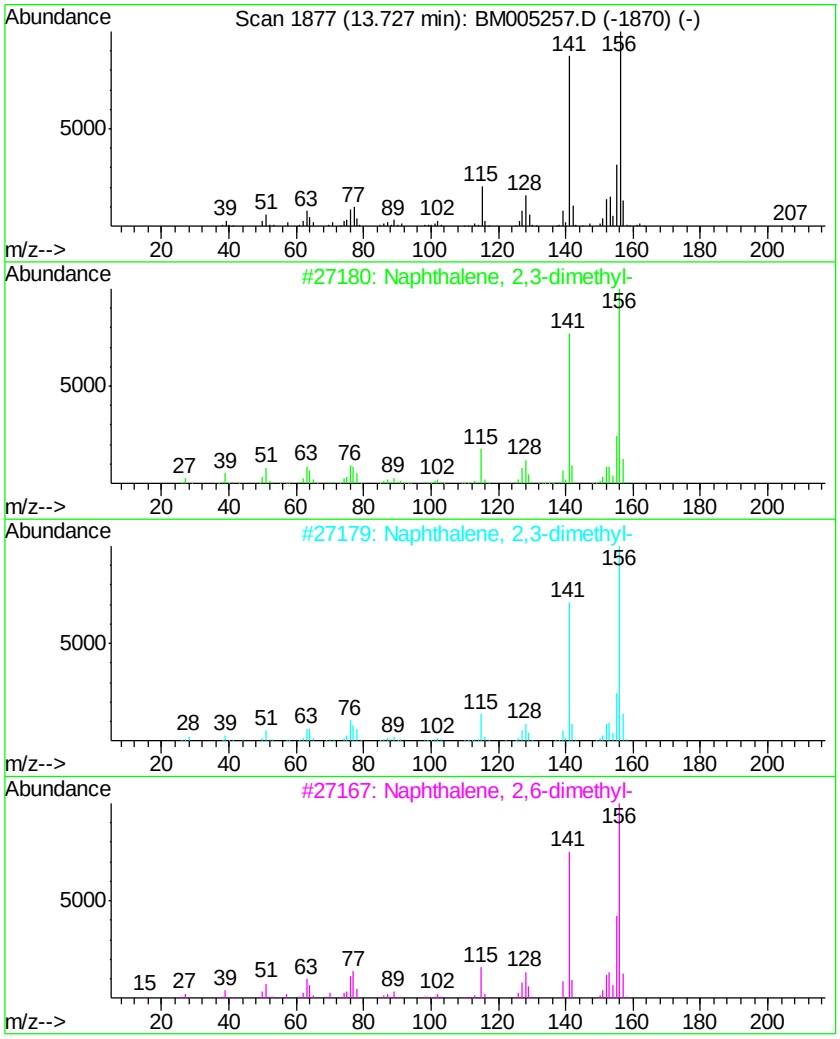

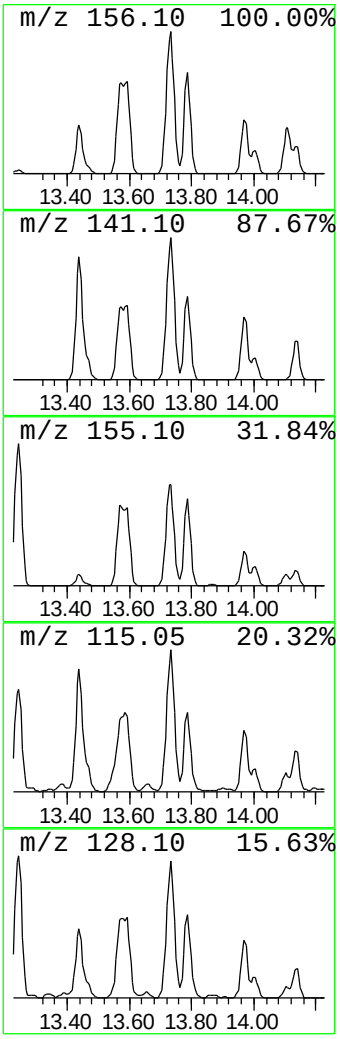

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Quant Title : SVOA CALIBRATION

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

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Peak Number 22 2-Naphthalenecarbonitrile Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	3.28 ng/ul	293373	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	94
3	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	90
4	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	87
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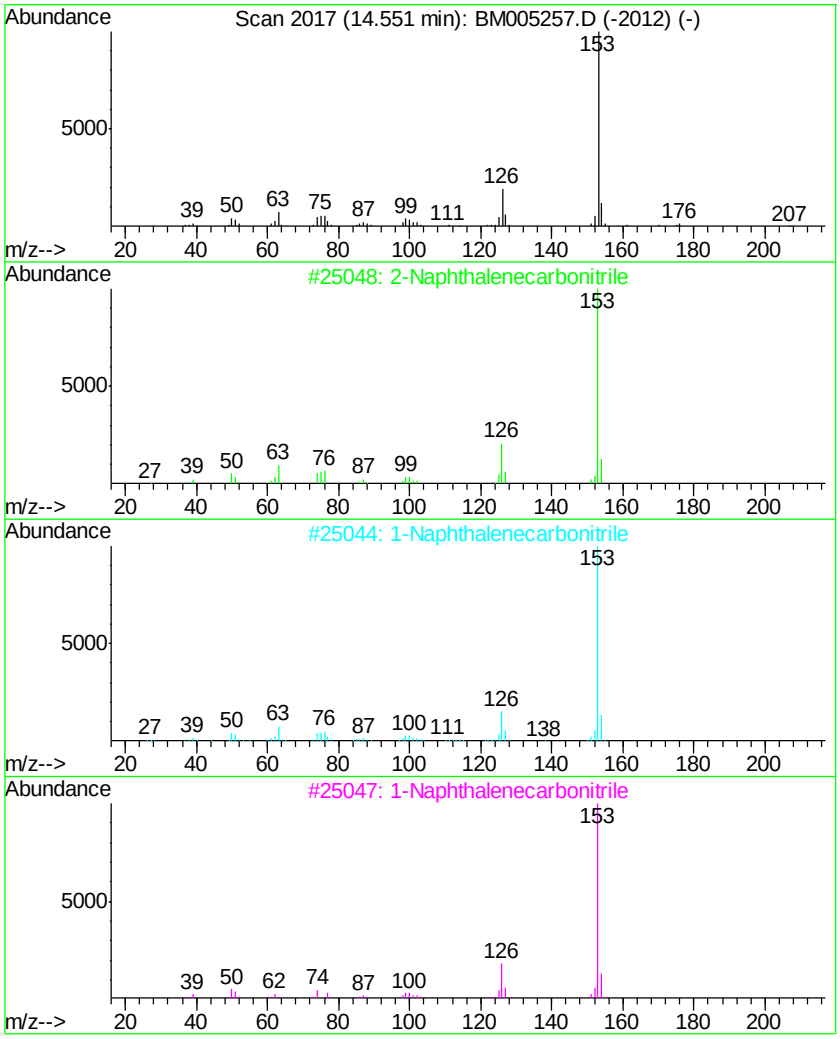

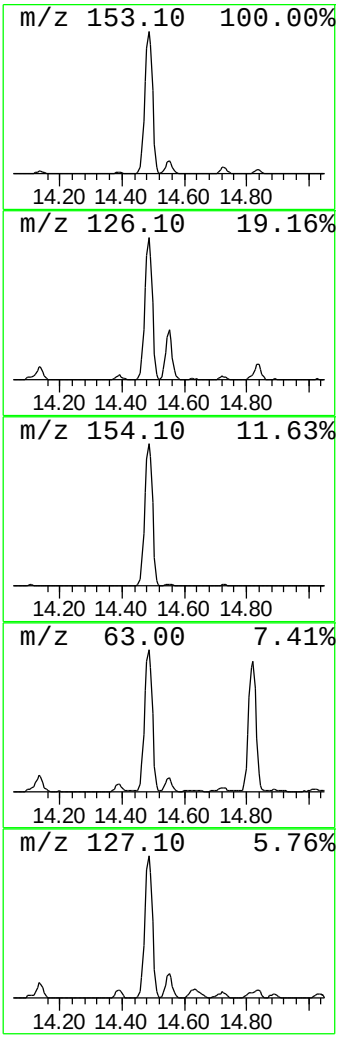

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Quant Title : SVOA CALIBRATION

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

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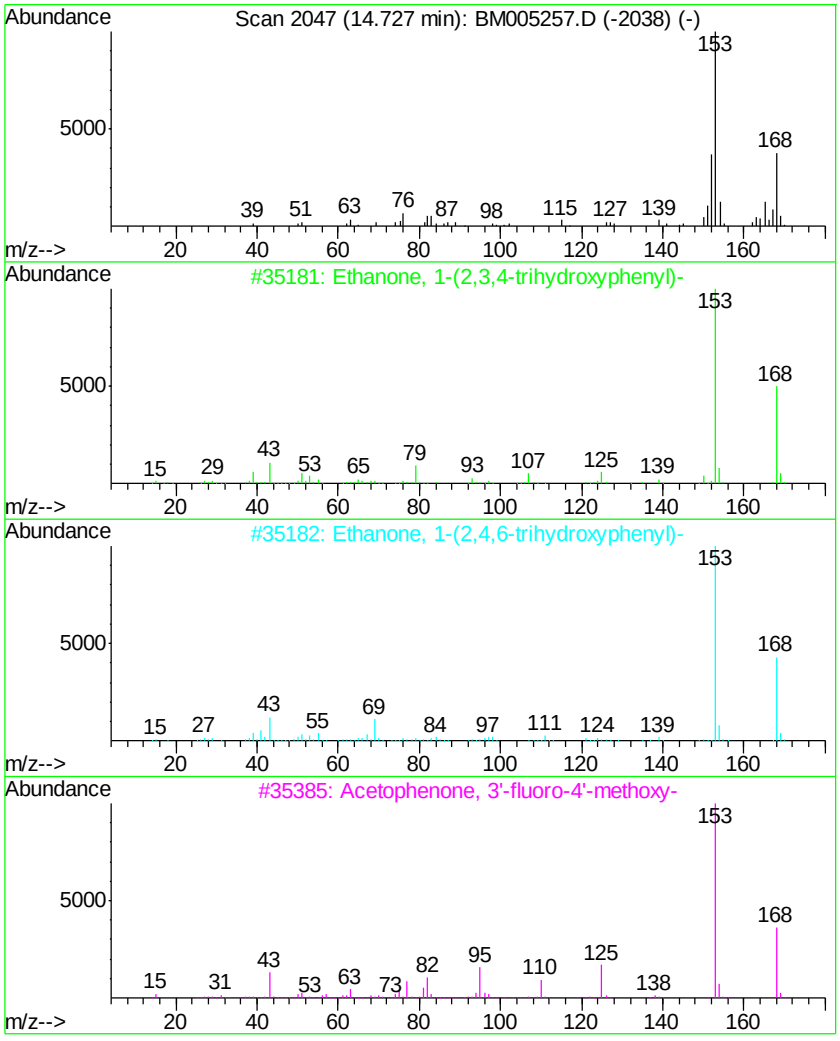
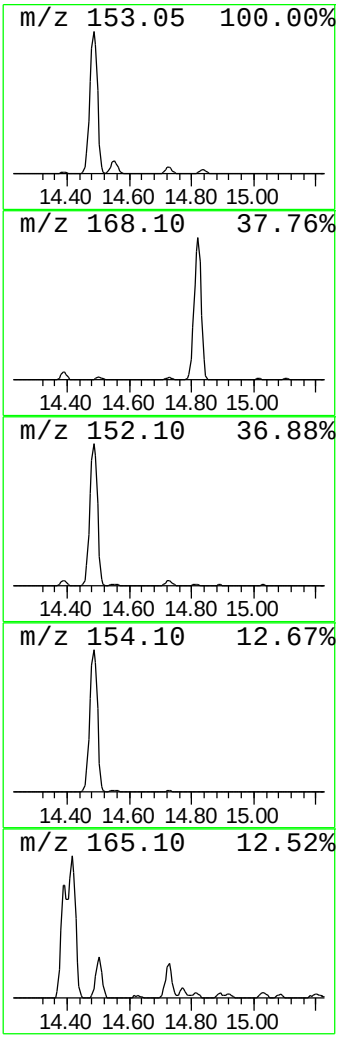
Peak Number 23 Ethanone, 1-(2,3,4-trihydro... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	2.72 ng/ul	243698	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	53
2	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	52
3	Acetophenone, 3'-fluoro-4'-methoxy-	168	C9H9FO2	000455-91-4	50
4	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	50
5	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	49





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Quant Title : SVOA CALIBRATION

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

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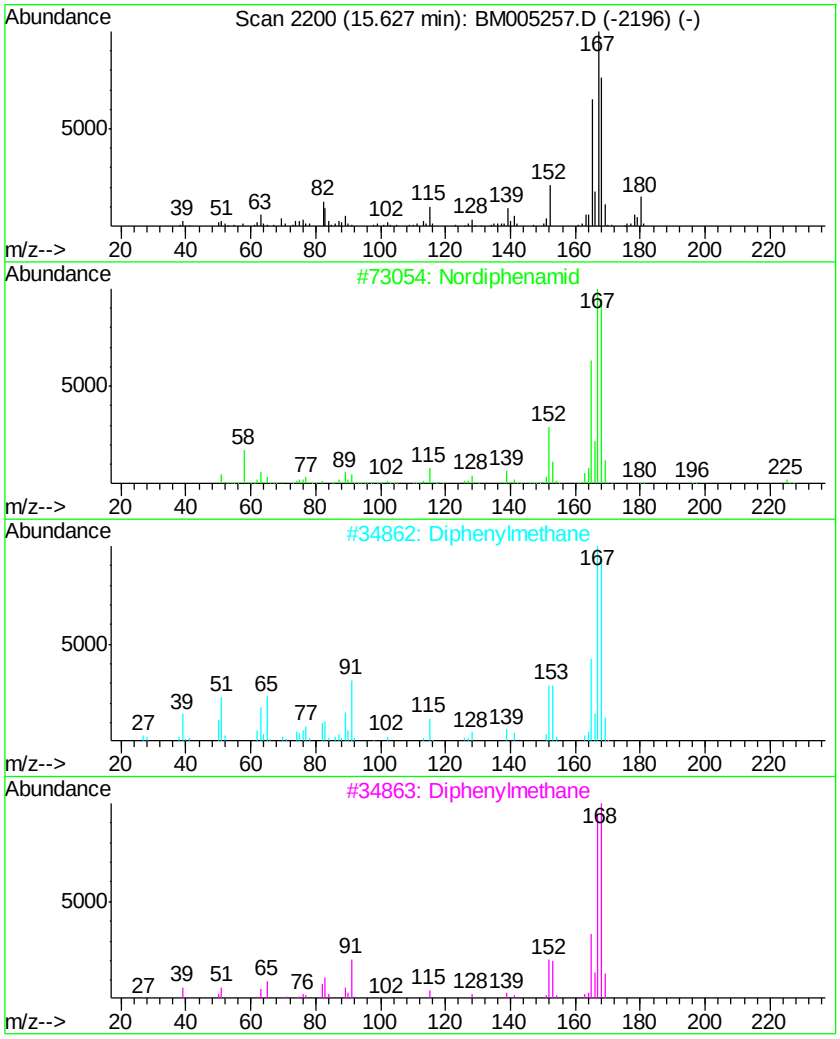
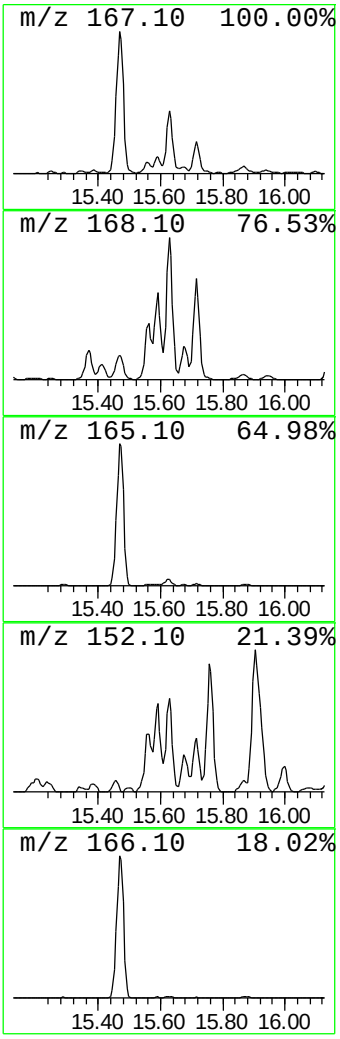
Peak Number 24 Nordiphenamid Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	4.05 ng/ul	362448	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nordiphenamid	225	C15H15NO	000954-21-2	87
2	Diphenylmethane	168	C13H12	000101-81-5	76
3	Diphenylmethane	168	C13H12	000101-81-5	64
4	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	64
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	60





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Data File : BM005257.D
Acq On : 06 May 2016 04:47
Operator : UM/SJ
Sample : H2813-14
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7T5

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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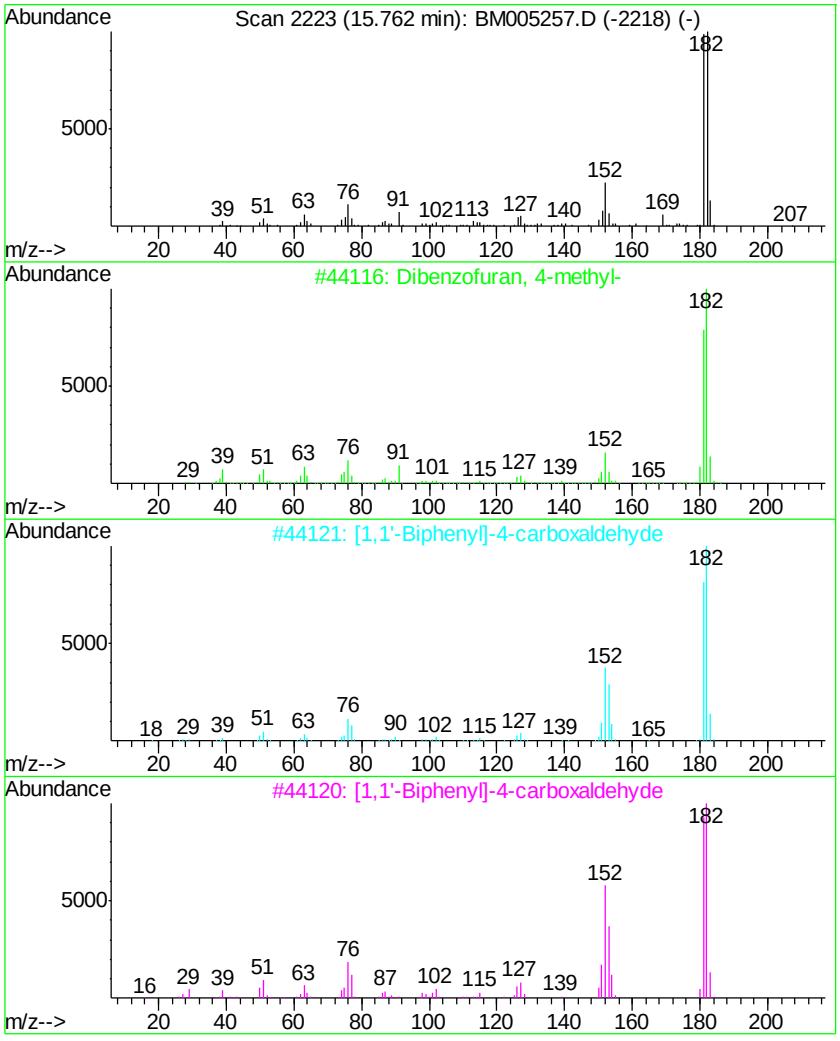
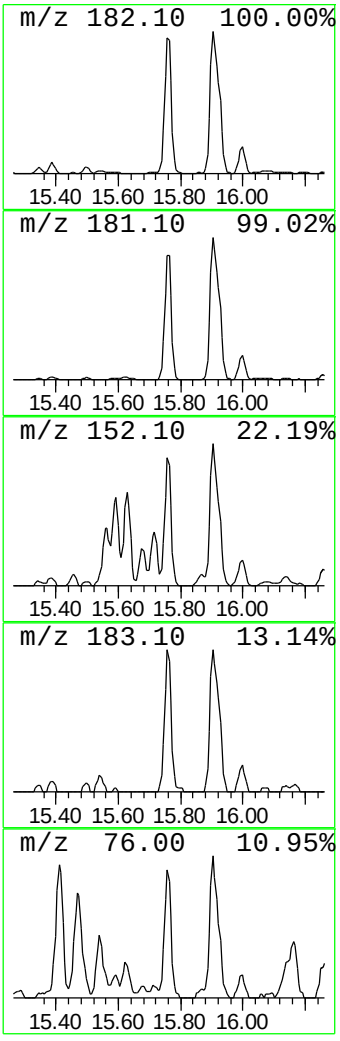
Peak Number 25 Dibenzofuran, 4-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	6.28 ng/ul	562604	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	81
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78





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Acq On : 06 May 2016 04:47
Operator : UM/SJ
Sample : H2813-14
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7T5

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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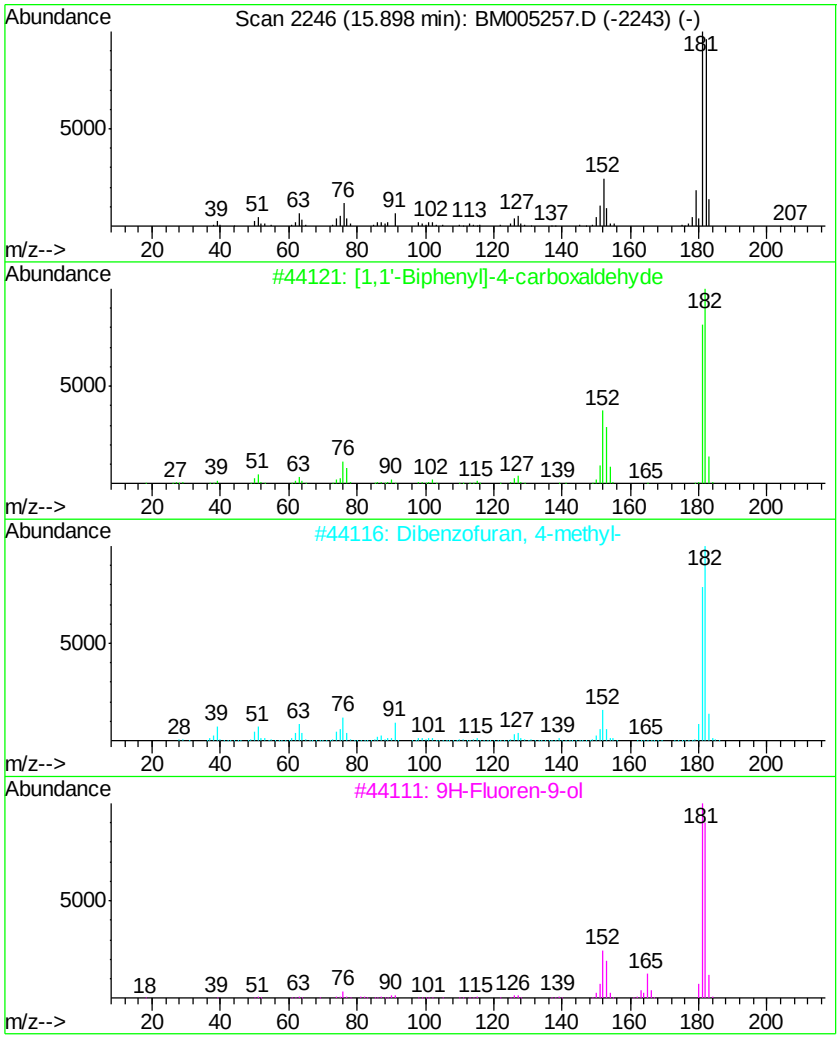
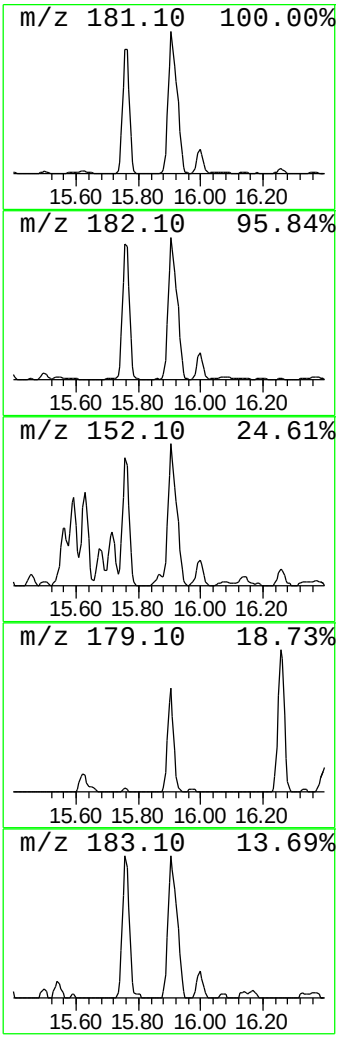
Peak Number 26 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	8.16 ng/ul	709427	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	90
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	72





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Data File : BM005257.D
Acq On : 06 May 2016 04:47
Operator : UM/SJ
Sample : H2813-14
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7T5

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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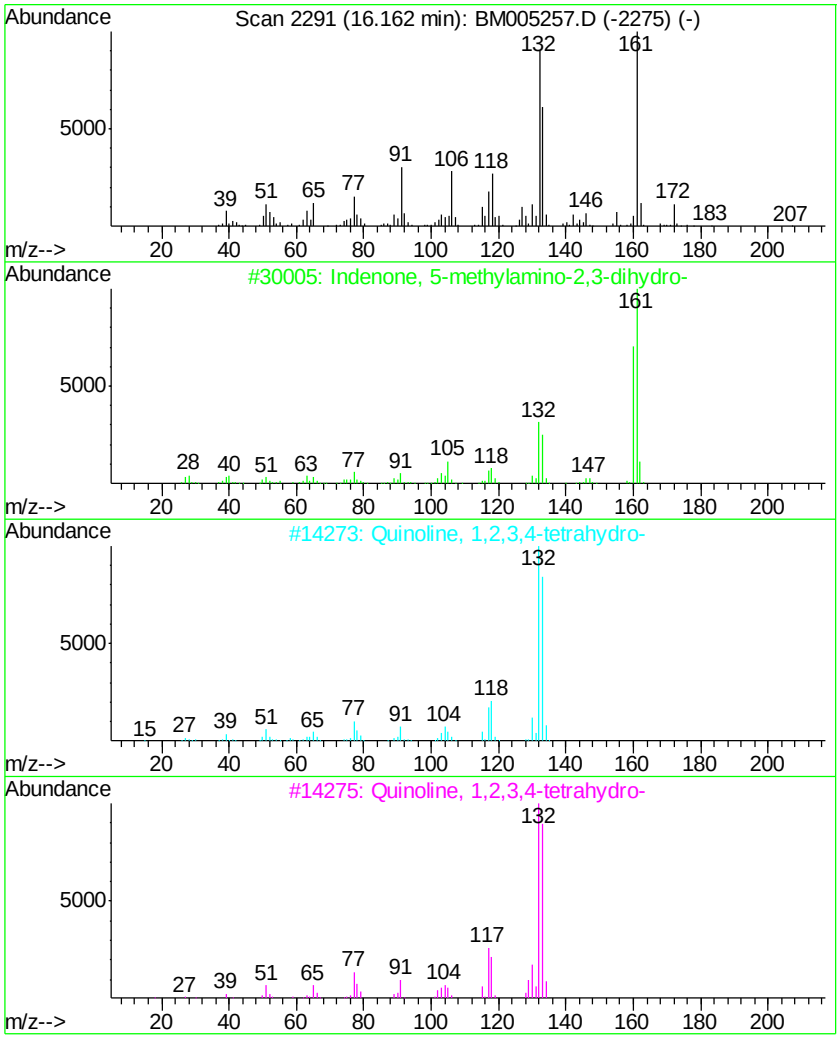
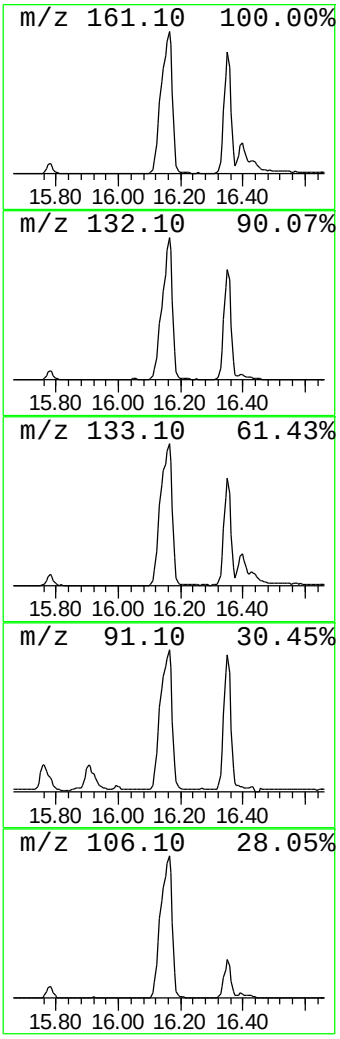
Peak Number 27 Indenone, 5-methylamino-2,3... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	22.70 ng/ul	1974510	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indenone, 5-methylamino-2,3-dihy...	161	C10H11NO	1000153-18-7	62
2	Quinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000635-46-1	55
3	Quinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000635-46-1	50
4	Quinoline, 5,6,7,8-tetrahydro-	133	C9H11N	010500-57-9	49
5	Cyclopropanamine, 2-phenyl-, tra...	133	C9H11N	000155-09-9	45





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Data File : BM005257.D
Acq On : 06 May 2016 04:47
Operator : UM/SJ
Sample : H2813-14
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7T5

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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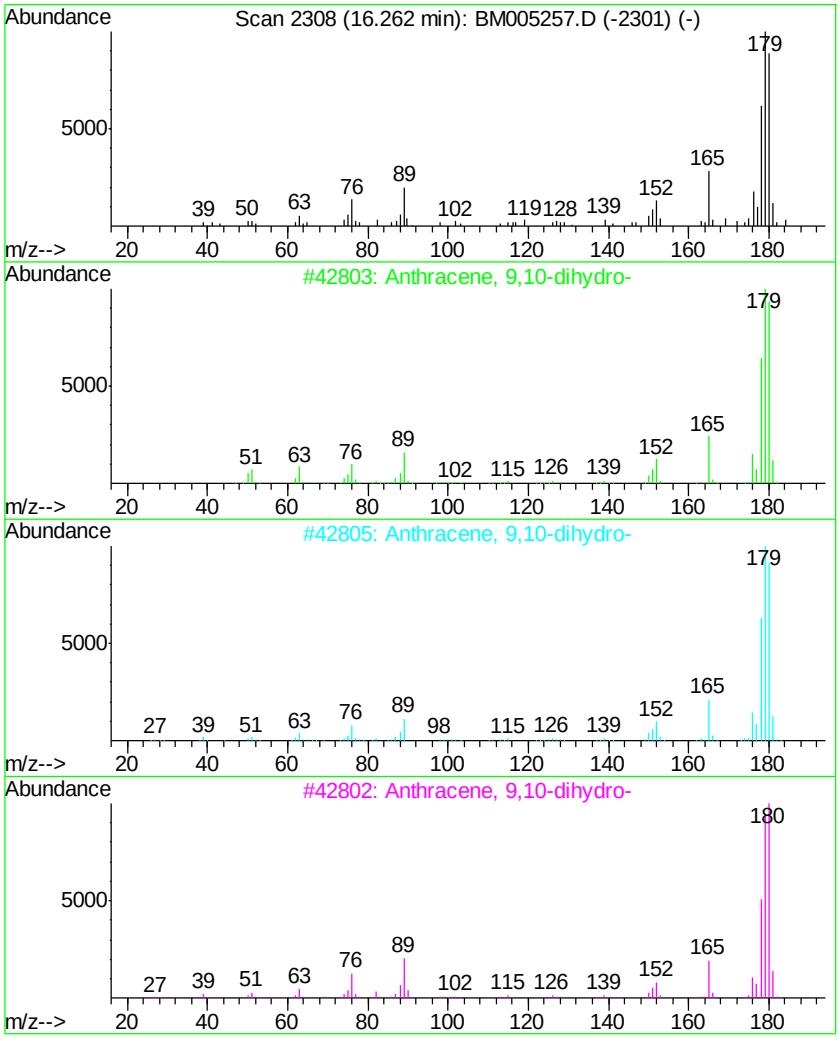
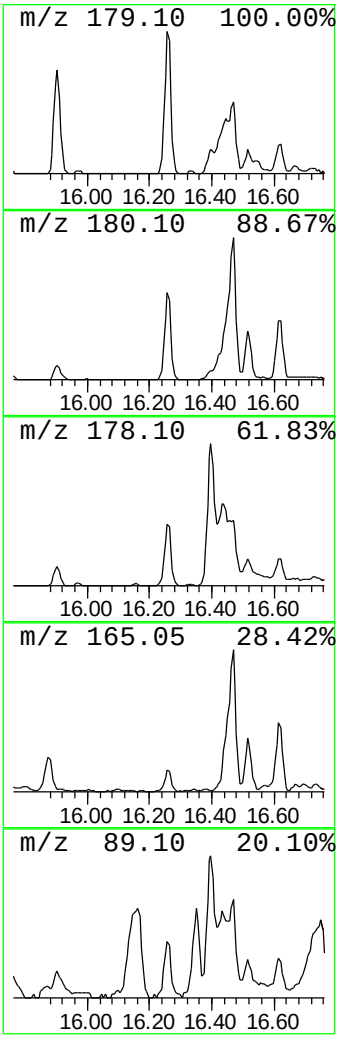
Peak Number 28 Anthracene, 9,10-dihydro- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.26	2.16 ng/ul	188066	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	96
2	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	96
3	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	95
4	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	90
5	cis-Stilbene	180	C14H12	000645-49-8	89





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005257.D
Acq On : 06 May 2016 04:47
Operator : UM/SJ
Sample : H2813-14
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7T5

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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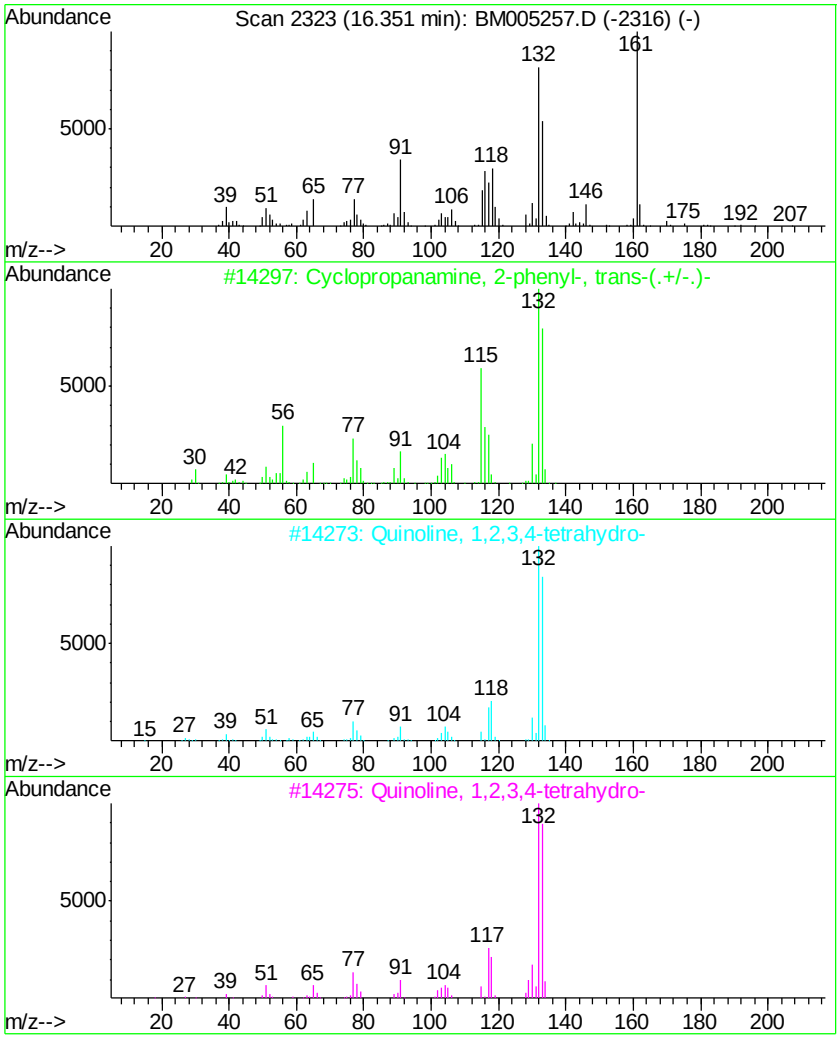
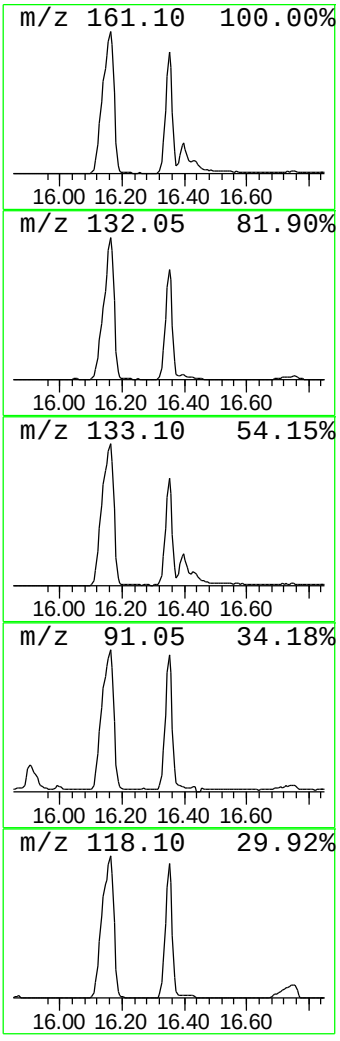
Peak Number 29 Cyclopropanamine, 2-phenyl-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.35	10.95 ng/ul	952300	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropanamine, 2-phenyl-, tra...	133	C9H11N	000155-09-9	55
2	Quinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000635-46-1	55
3	Quinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000635-46-1	50
4	Quinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000635-46-1	50
5	1H-Indole-5-carboxaldehyde, 2,3-...	161	C10H11NO	060082-02-2	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005257.D
Acq On : 06 May 2016 04:47
Operator : UM/SJ
Sample : H2813-14
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7T5

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-dime...	5.80	5.7	ng/ul	167579	1	7.77	586635	20.0
Benzene, 1,2,3-tr...	7.00	5.4	ng/ul	159095	1	7.77	586635	20.0
Benzofuran	7.49	12.7	ng/ul	373170	1	7.77	586635	20.0
Indane	8.14	35.3	ng/ul	1034530	1	7.77	586635	20.0
Indene	8.30	78.4	ng/ul	2298650	1	7.77	586635	20.0
Benzofuran, 2-met...	9.12	23.6	ng/ul	691295	1	7.77	586635	20.0
3-Phenylbut-1-ene	9.81	5.2	ng/ul	212514	2	10.57	822868	20.0
Benzene, 2-etheny...	9.96	12.8	ng/ul	526848	2	10.57	822868	20.0
Benzo[b]thiophene...	11.67	8.7	ng/ul	358616	2	10.57	822868	20.0
1H-Inden-1-one, 2...	11.95	4.5	ng/ul	184669	2	10.57	822868	20.0
Benzo[b]thiophene...	12.12	10.1	ng/ul	414481	2	10.57	822868	20.0
Benzo[b]thiophene...	12.35	6.2	ng/ul	252873	2	10.57	822868	20.0
Naphthalene, 1-et...	13.44	8.2	ng/ul	735776	3	14.42	1790550	20.0
Naphthalene, 1,6-...	13.57	8.8	ng/ul	785173	3	14.42	1790550	20.0
Naphthalene, 2,3-...	13.73	15.1	ng/ul	1354160	3	14.42	1790550	20.0
2-Naphthalenecarb...	14.55	3.3	ng/ul	293373	3	14.42	1790550	20.0
Ethanone, 1-(2,3,...	14.73	2.7	ng/ul	243698	3	14.42	1790550	20.0
Nordiphenamid	15.63	4.0	ng/ul	362448	3	14.42	1790550	20.0
Dibenzofuran, 4-m...	15.76	6.3	ng/ul	562604	3	14.42	1790550	20.0
[1,1'-Biphenyl]-4...	15.90	8.2	ng/ul	709427	4	17.17	1739520	20.0
Indenone, 5-methy...	16.16	22.7	ng/ul	1974510	4	17.17	1739520	20.0
Anthracene, 9,10-...	16.26	2.2	ng/ul	188066	4	17.17	1739520	20.0
Cyclopropanamine,...	16.35	10.9	ng/ul	952300	4	17.17	1739520	20.0