LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005255.D
Acq On : 06 May 2016 03:35
Operator : UM/SJ
Sample : H2813-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7T2

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	5.428	461	466	477	rVB	107819	237337	1.52%	0.211%
2	5.799	521	529	539	rBV	102331	170888	1.10%	0.152%
3	6.999	728	733	739	rVB	108678	164960	1.06%	0.147%
4	7.111	745	752	757	rBV	260205	421711	2.70%	0.375%
5	7.305	779	785	794	rBV	267062	436425	2.80%	0.388%
6	7.422	799	805	812	rVV	237677	378243	2.43%	0.336%
7	7.499	812	818	828	rVB	227026	384737	2.47%	0.342%
8	7.775	857	865	876	rVB	422234	702133	4.50%	0.624%
9	8.146	920	928	936	rBV	642436	1055518	6.77%	0.937%
10	8.305	949	955	966	rVB	1368200	2345333	15.04%	2.083%
11	8.481	979	985	994	rVB	212614	368683	2.36%	0.327%
12	8.934	1056	1062	1072	rVB2	371847	741181	4.75%	0.658%
13	9.122	1087	1094	1103	rVB	429215	699412	4.48%	0.621%
14	9.240	1103	1114	1121	rVV2	313572	766607	4.92%	0.681%
15	9.304	1121	1125	1134	rVV	175672	290529	1.86%	0.258%
16	9.652	1178	1184	1197	rVB	299565	513004	3.29%	0.456%
17	9.810	1206	1211	1225	rVB	127111	218615	1.40%	0.194%
18	9.963	1230	1237	1248	rBV3	209921	524604	3.36%	0.466%
19	10.193	1270	1276	1285	rVB2	508176	905495	5.81%	0.804%
20	10.569	1330	1340	1342	rBV	532384	987481	6.33%	0.877%
21	10.640	1342	1352	1358	rVV	5791008	15594827	100.00%	13.850%
22	10.740	1361	1369	1377	rVV	1871400	3216279	20.62%	2.856%
23	11.669	1521	1527	1538	rBV2	167268	348477	2.23%	0.309%
24	11.951	1569	1575	1583	rVB	115047	187858	1.20%	0.167%
25	12.122	1598	1604	1613	rVB	250064	413328	2.65%	0.367%
26	12.234	1613	1623	1629	rBV	3674581	6805063	43.64%	6.044%
27	12.345	1636	1642	1648	rBV	139938	251150	1.61%	0.223%
28	12.451	1648	1660	1669	rVB	2751712	4962475	31.82%	4.407%
29	13.245	1785	1795	1808	rBV	1563124	2437758	15.63%	2.165%
30	13.440	1822	1828	1840	rVB	381074	719771	4.62%	0.639%
31	13.587	1840	1853	1861	rBV2	497423	1356774	8.70%	1.205%
32	13.734	1870	1878	1883	rBV	720879	1327296	8.51%	1.179%
33	13.787	1883	1887	1890	rVV	484224	723598	4.64%	0.643%
34	13.822	1890	1893	1899	rVB	856413	1245373	7.99%	1.106%

LSC Area Percent Report

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Acq On : 06 May 2016 03:35
Operator : UM/SJ
Sample : H2813-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7T2

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	13.969	1912	1918	1922	rBV	275310	450877	2.89%	0.400%
36	14.104	1935	1941	1945	rBV	989460	1675954	10.75%	1.488%
37	14.416	1983	1994	2000	rBV3	1006205	2037552	13.07%	1.810%
38	14.486	2000	2006	2012	rVV	3590428	6196478	39.73%	5.503%
39	14.551	2012	2017	2023	rVB	200568	283135	1.82%	0.251%
40	14.634	2023	2031	2038	rBV4	82534	195819	1.26%	0.174%
41	14.728	2038	2047	2051	rBV	143393	236177	1.51%	0.210%
42	14.822	2056	2063	2070	rVV	3032743	4994549	32.03%	4.436%
43	15.028	2089	2098	2104	rBV2	74711	162956	1.04%	0.145%
44	15.410	2148	2163	2168	rBV	1293991	2155428	13.82%	1.914%
45	15.469	2168	2173	2181	rVV	2823083	4894630	31.39%	4.347%
46	15.539	2181	2185	2191	rVV2	487126	781468	5.01%	0.694%
47	15.586	2191	2193	2196	rVV2	149870	196485	1.26%	0.174%
48	15.628	2196	2200	2205	rVB	248578	356035	2.28%	0.316%
49	15.757	2218	2222	2231	rVB	335911	548034	3.51%	0.487%
50	15.904	2243	2247	2256	rVV	346491	690321	4.43%	0.613%
51	16.163	2280	2291	2300	rVB2	689958	1808015	11.59%	1.606%
52	16.257	2300	2307	2315	rBV2	98246	179189	1.15%	0.159%
53	16.351	2315	2323	2327	rBV	565368	894403	5.74%	0.794%
54	16.445	2334	2339	2341	rBV2	133495	200695	1.29%	0.178%
55	16.745	2373	2390	2396	rBV	370931	1226522	7.86%	1.089%
56	16.980	2425	2430	2438	rVB	515648	747013	4.79%	0.663%
57	17.069	2438	2445	2447	rBV	571549	976785	6.26%	0.867%
58	17.169	2456	2462	2465	rBV	1238679	2043734	13.11%	1.815%
59	17.216	2465	2470	2474	rVV	4021417	6709626	43.02%	5.959%
60	17.269	2474	2479	2482	rVV	1613348	2417057	15.50%	2.147%
61	17.298	2482	2484	2490	rVB	417042	497264	3.19%	0.442%
62	17.527	2515	2523	2526	rBV	194700	410037	2.63%	0.364%
63	17.569	2526	2530	2536	rVB	1055934	1473463	9.45%	1.309%
64	17.680	2542	2549	2556	rBV3	70663	157861	1.01%	0.140%
65	18.039	2605	2610	2614	rBV	171702	263371	1.69%	0.234%
66	18.086	2614	2618	2623	rVB	323643	444449	2.85%	0.395%
67	18.233	2637	2643	2648	rBV	438775	732150	4.69%	0.650%
68	19.221	2805	2811	2818	rVB	1129705	1604990	10.29%	1.425%
69	19.451	2841	2850	2860	rBV3	70667	199195	1.28%	0.177%
70	19.563	2863	2869	2872	rBV	1847907	2910467	18.66%	2.585%
71	19.968	2933	2938	2944	rBV	234047	302355	1.94%	0.269%

LSC Area Percent Report

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Acq On : 06 May 2016 03:35
Operator : UM/SJ
Sample : H2813-12
Misc :
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Instrument : BNA_M
ClientSampleId : BC7T2

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	21.351	3167	3173	3186	rVB	1989045	2848787	18.27%	2.530%
73	21.839	3250	3256	3263	rBV	128198	224397	1.44%	0.199%
74	23.480	3527	3535	3550	rVB2	1308668	2658680	17.05%	2.361%
75	23.627	3552	3560	3575	rVB2	1280333	2553195	16.37%	2.267%
76	24.133	3641	3646	3658	rVB2	90542	174335	1.12%	0.155%
77	24.886	3768	3774	3783	rVB2	83156	183122	1.17%	0.163%

Sum of corrected areas: 112599978

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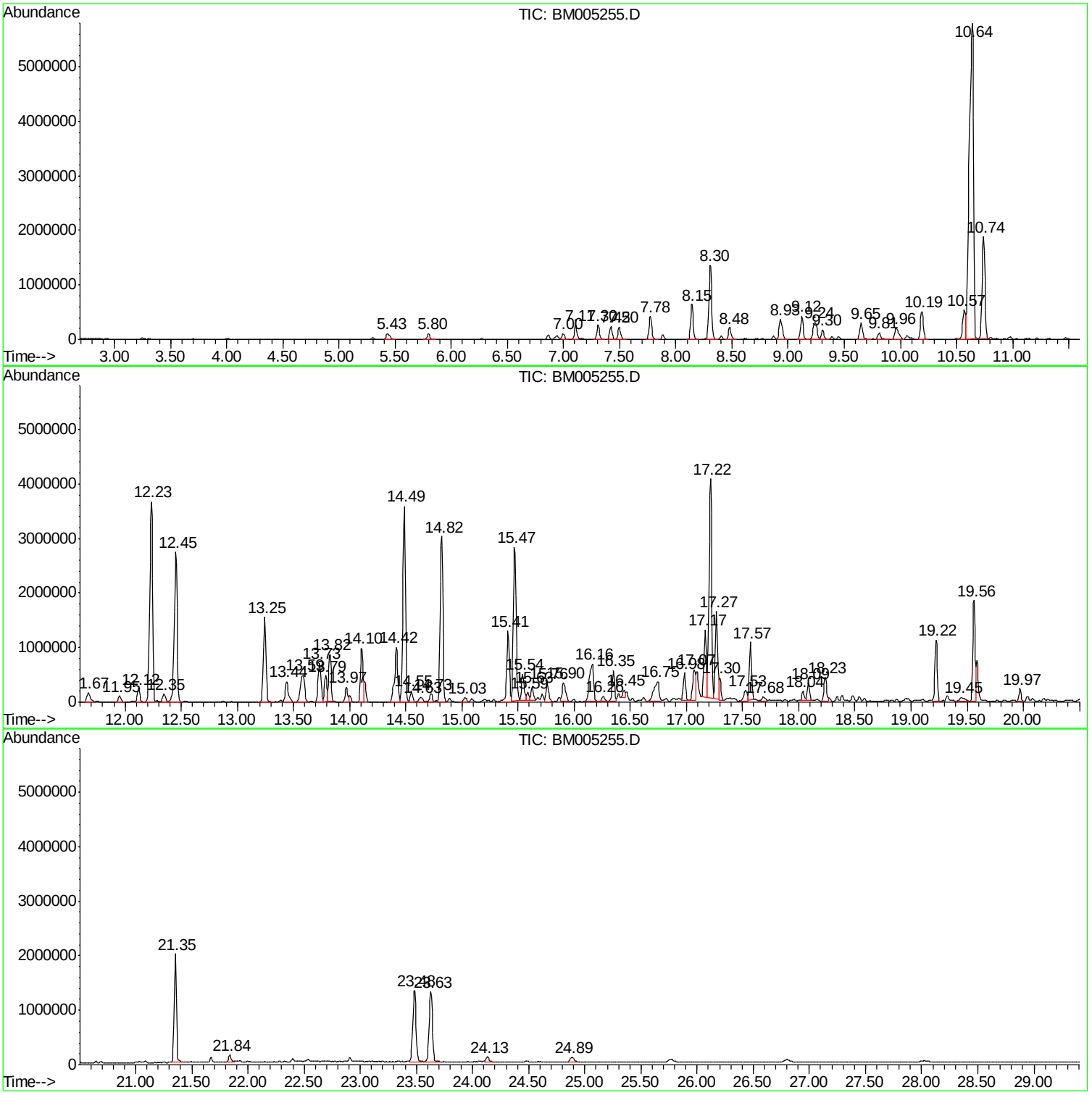
Acq On : 06 May 2016 03:35
Operator : UM/SJ
Sample : H2813-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BC7T2

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

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005255.D
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Sample : H2813-12
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ALS Vial : 27 Sample Multiplier: 1

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

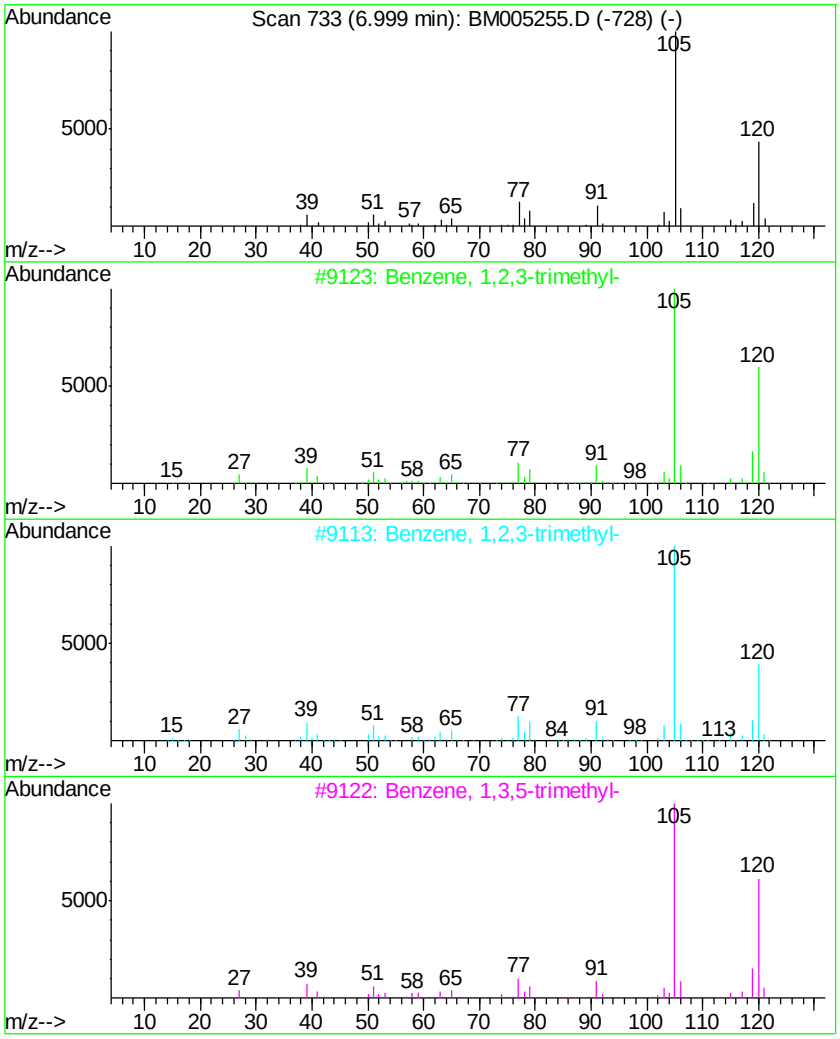
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

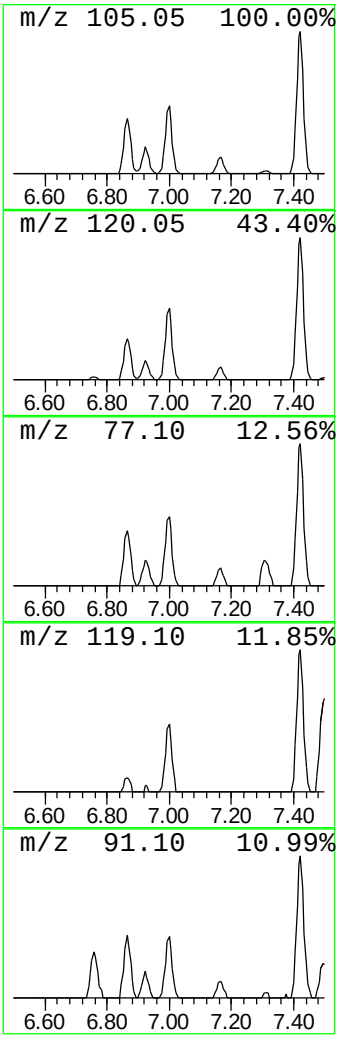
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	4.70 ng/ul	164960	1,4-Dichlorobenzene-d4	7.78

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	94
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	93
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91





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Data File : BM005255.D
Acq On : 06 May 2016 03:35
Operator : UM/SJ
Sample : H2813-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7T2

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

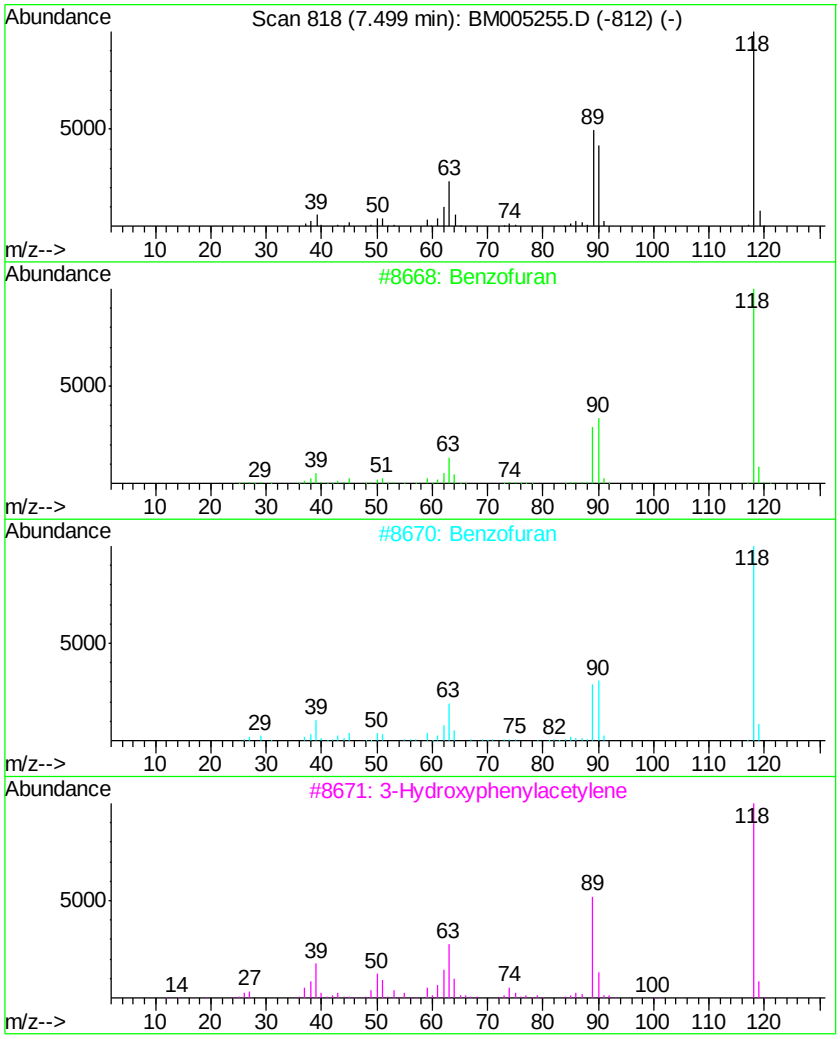
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

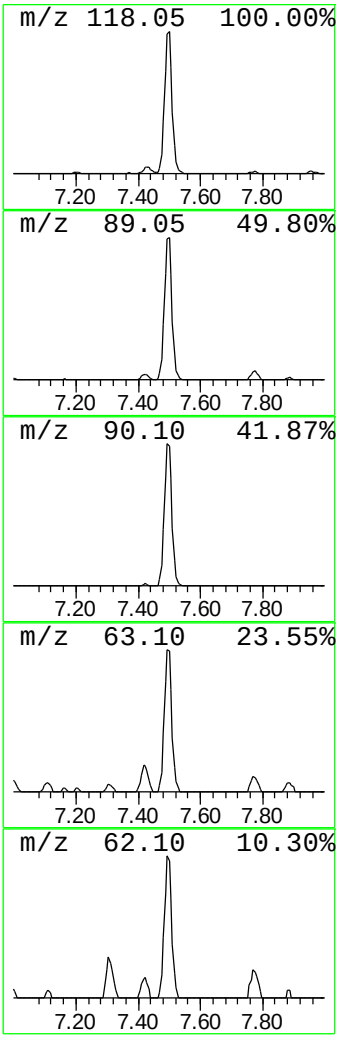
****

Peak Number 5 Benzofuran Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	10.96 ng/ul	384737	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	93
2	Benzofuran	118	C8H6O	000271-89-6	91
3	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	87
4	Benzofuran	118	C8H6O	000271-89-6	87
5	1H-Pyrrolo[2,3-b]pyridine	118	C7H6N2	000271-63-6	50





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005255.D
Acq On : 06 May 2016 03:35
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Sample : H2813-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7T2

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

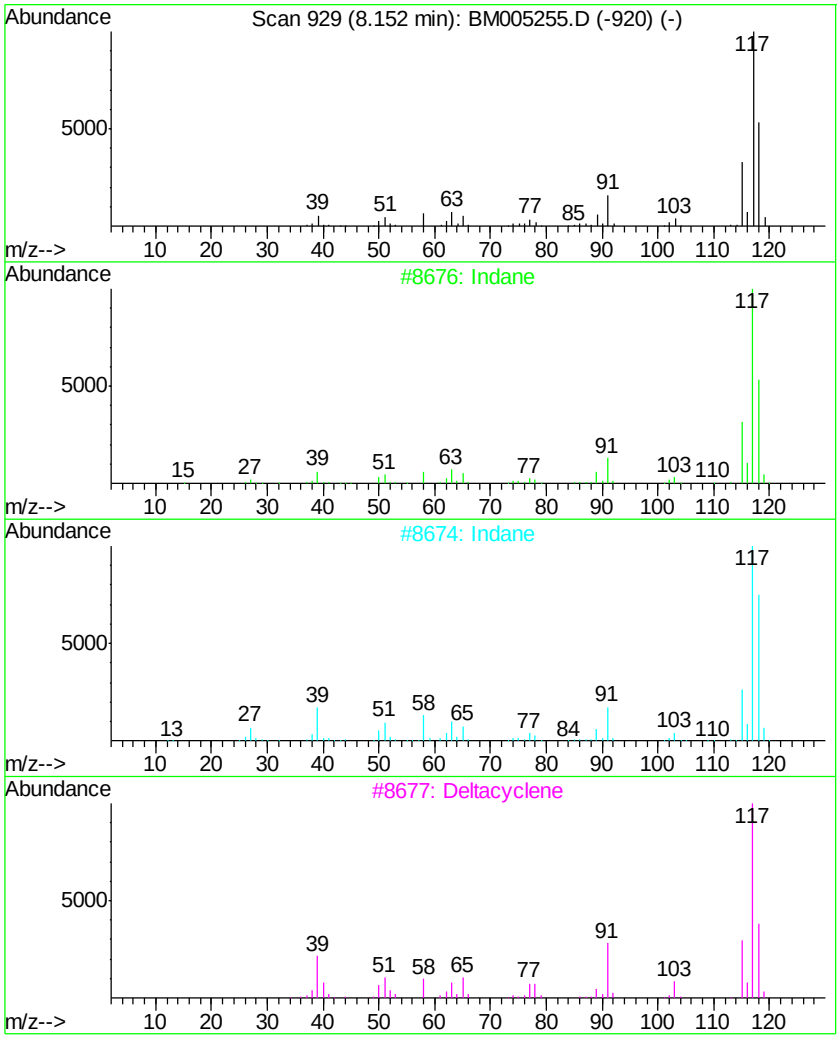
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

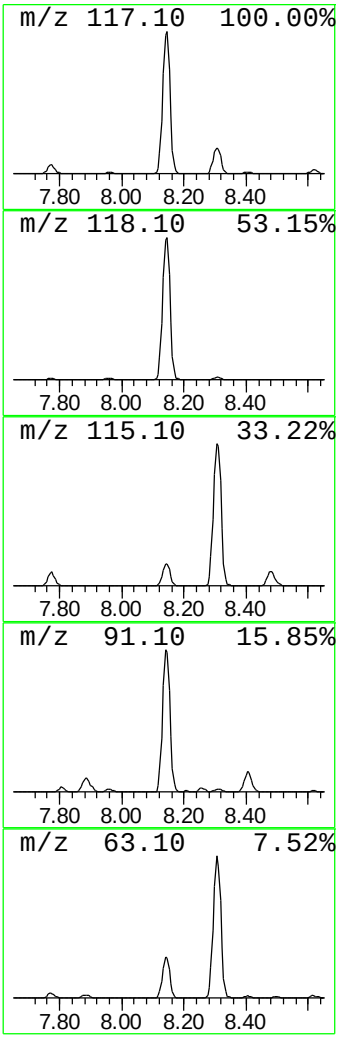
****

Peak Number 6 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.15	30.07 ng/ul	1055520	1,4-Dichlorobenzene-d4	7.78

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	Deltacyclene	118	C9H10	007785-10-6	72
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
5	Indane	118	C9H10	000496-11-7	60





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Sample : H2813-12
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Instrument : BNA_M
ClientSampleId : BC7T2

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

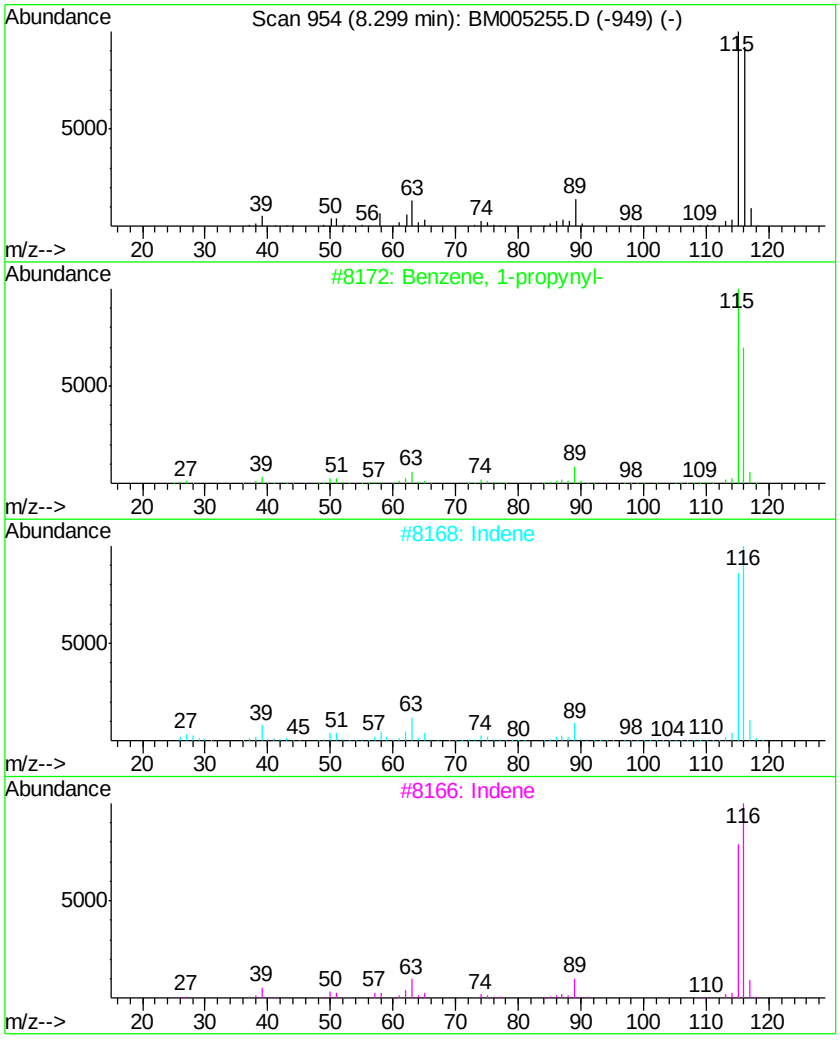
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

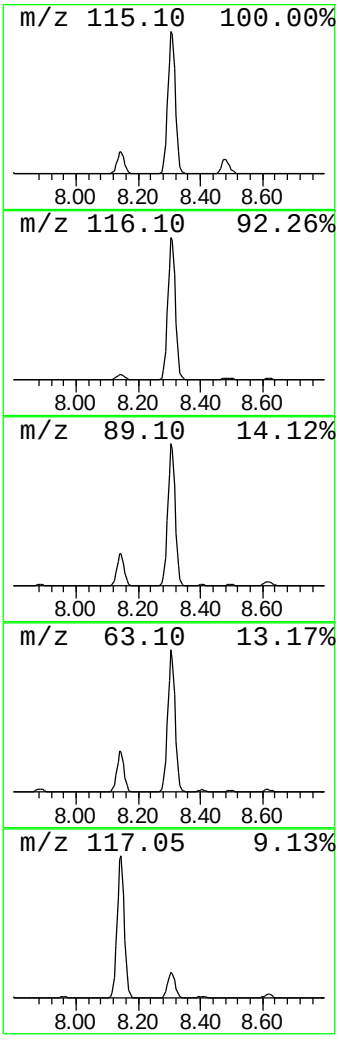
****

Peak Number 7 Benzene, 1-propynyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.30	66.81 ng/ul	2345330	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
2	Indene	116	C9H8	000095-13-6	95
3	Indene	116	C9H8	000095-13-6	94
4	Indene	116	C9H8	000095-13-6	94
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91





Library Search Compound Report

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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7T2

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

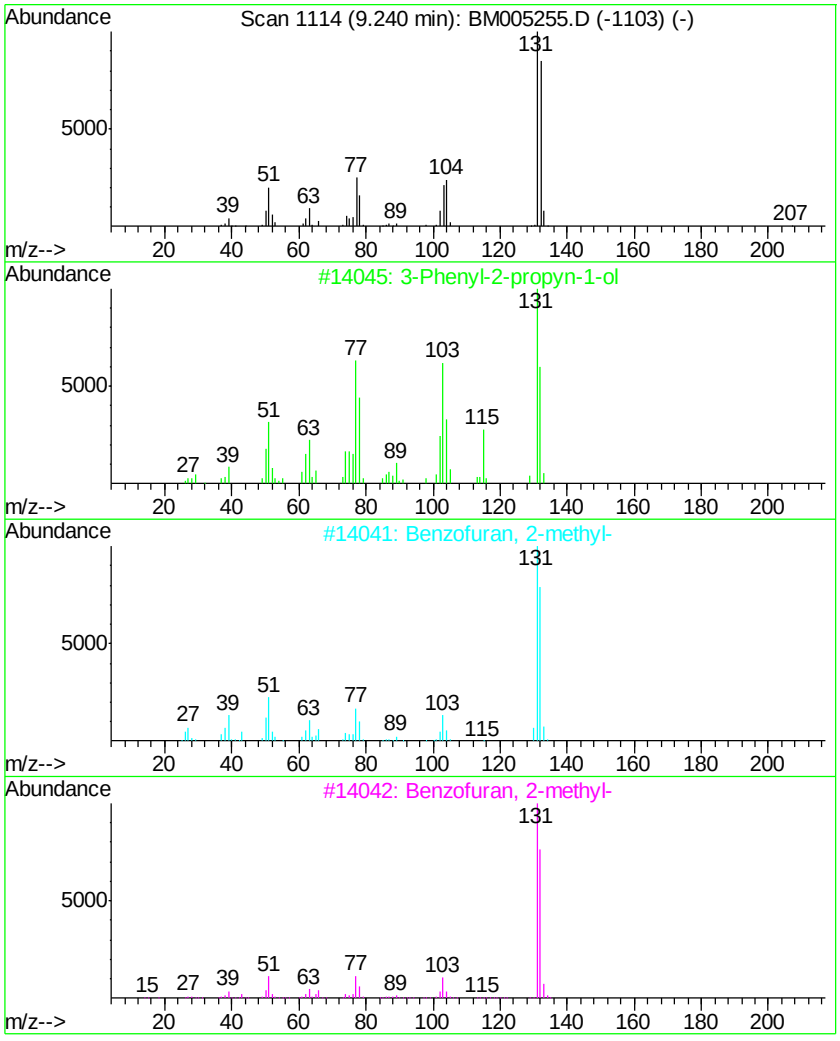
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

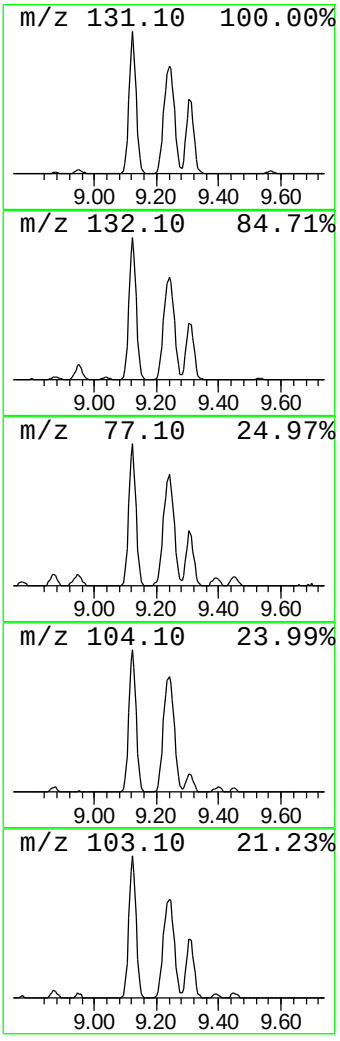
****

Peak Number 9 3-Phenyl-2-propyn-1-ol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	15.53 ng/ul	766607	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
4	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	91
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91





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Operator : UM/SJ
Sample : H2813-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7T2

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

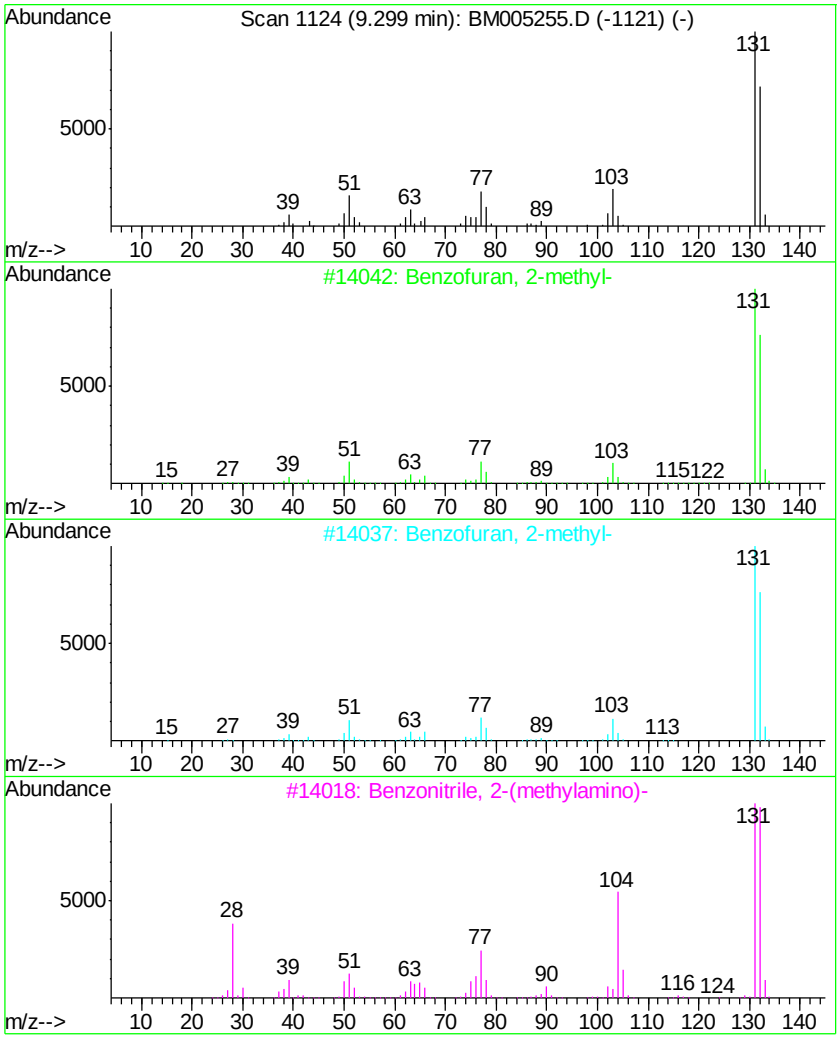
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

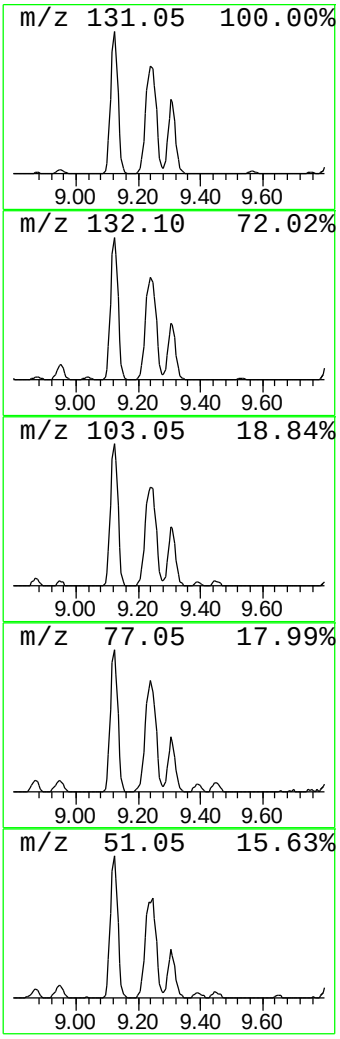
****

Peak Number 10 Benzofuran, 2-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	5.88 ng/ul	290529	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	Benzonitrile, 2-(methylamino)-	132	C8H8N2	017583-40-3	87
4	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	86
5	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	86





Library Search Compound Report

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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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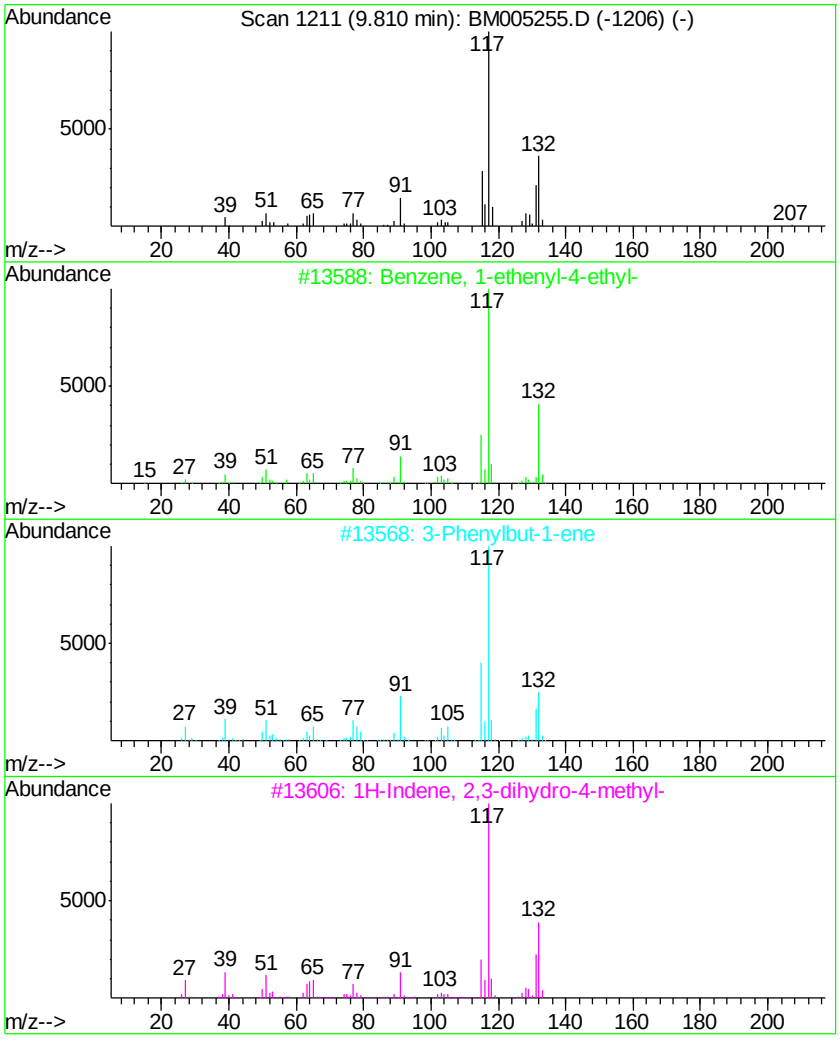
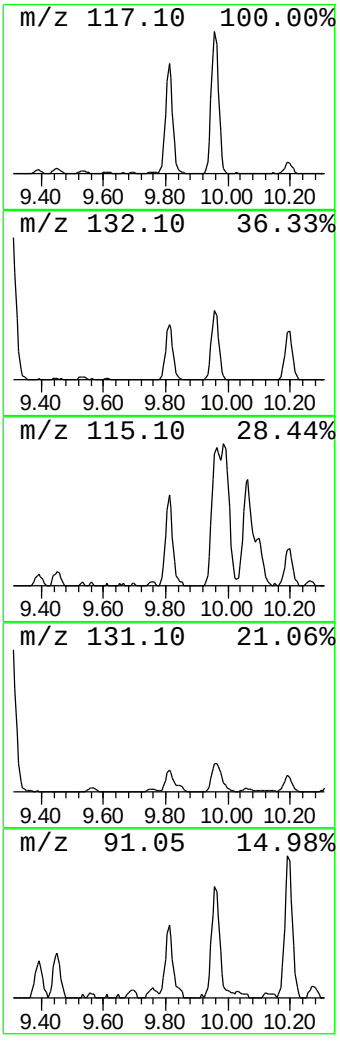
Peak Number 11 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.81	4.43 ng/ul	218615	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	91
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
4	Indan, 1-methyl-	132	C10H12	000767-58-8	87
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83





Library Search Compound Report

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Data File : BM005255.D
Acq On : 06 May 2016 03:35
Operator : UM/SJ
Sample : H2813-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7T2

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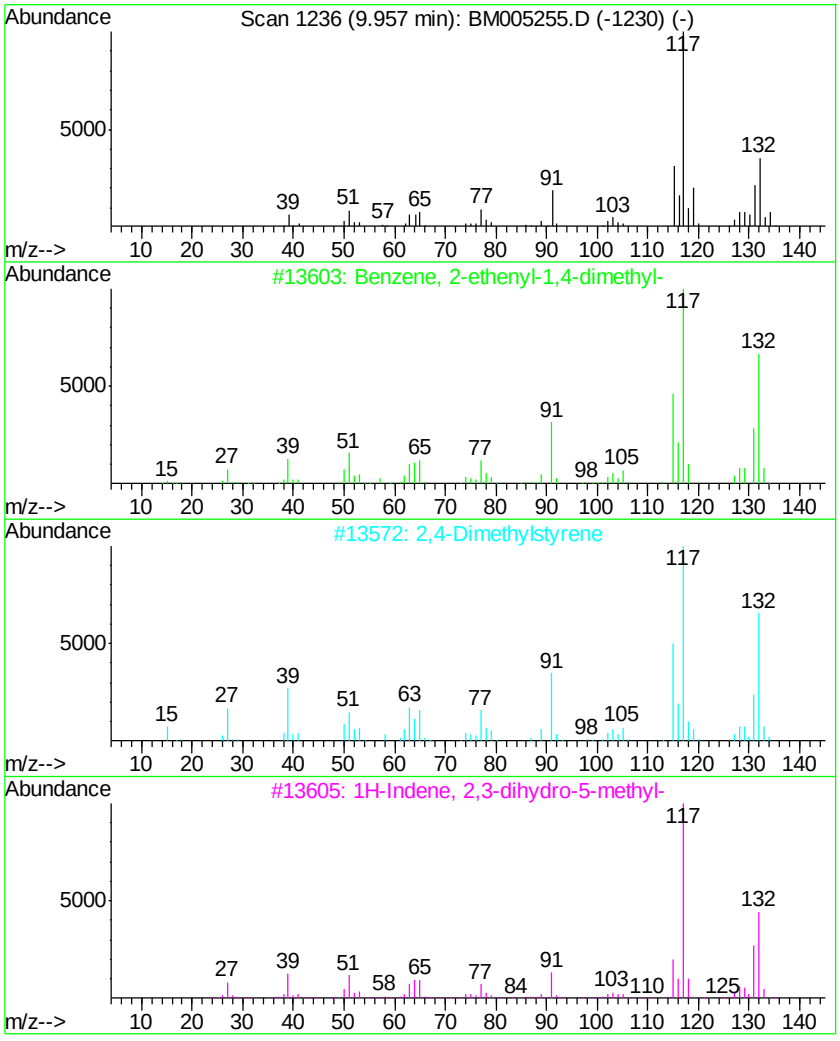
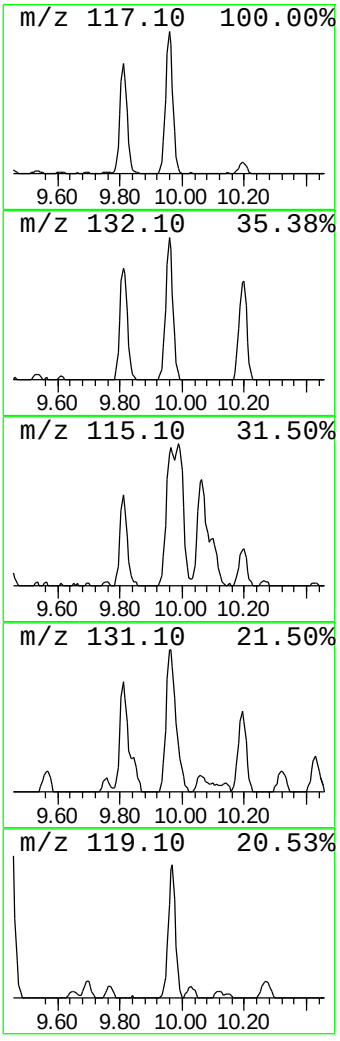
Peak Number 12 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	10.63 ng/ul	524604	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	2,4-Dimethylstyrene	132	C10H12	002234-20-0	70
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	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	58





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Operator : UM/SJ
Sample : H2813-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7T2

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Quant Title : SVOA CALIBRATION

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

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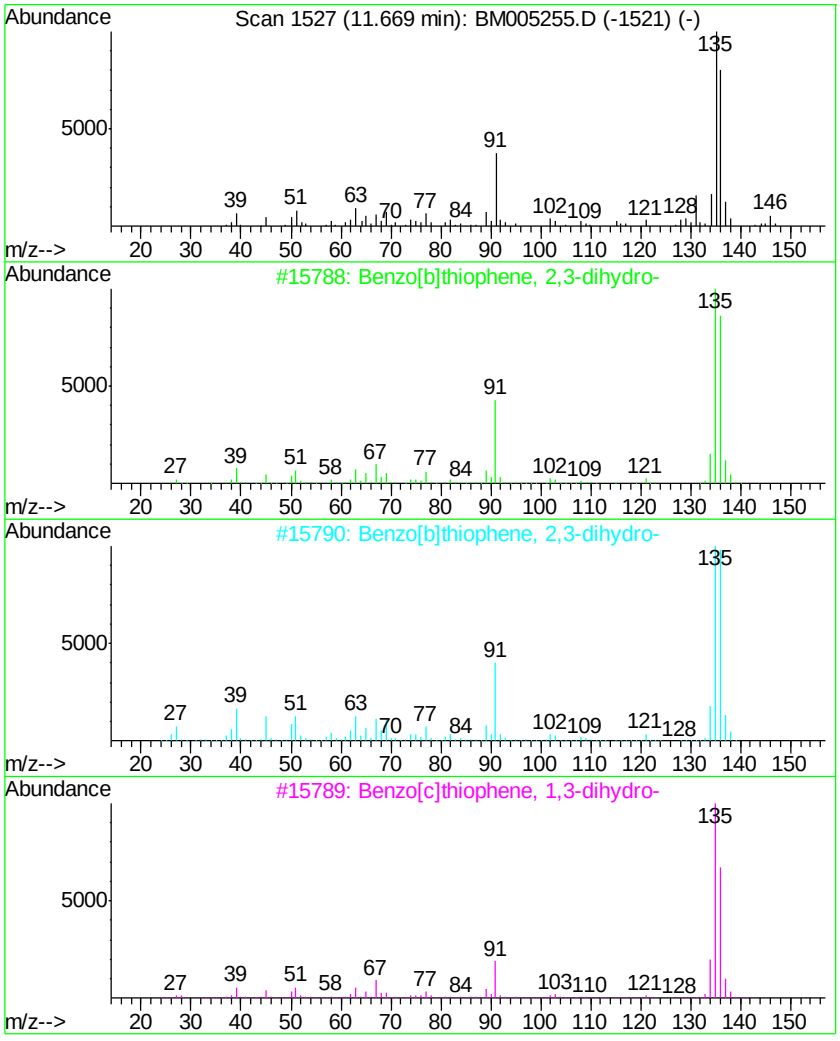
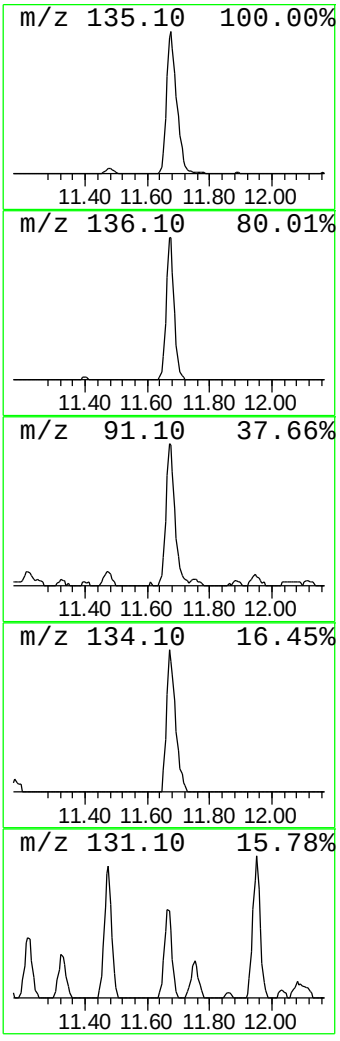
Peak Number 13 Benzo[b]thiophene, 2,3-dihy... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	7.06 ng/ul	348477	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[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	87
3	Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	83
4	Benzene, (ethenylthio)-	136	C8H8S	001822-73-7	72
5	3-Hydroxy-4-methylbenzaldehyde	136	C8H8O2	057295-30-4	72





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ClientSampleId : BC7T2

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Quant Title : SVOA CALIBRATION

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

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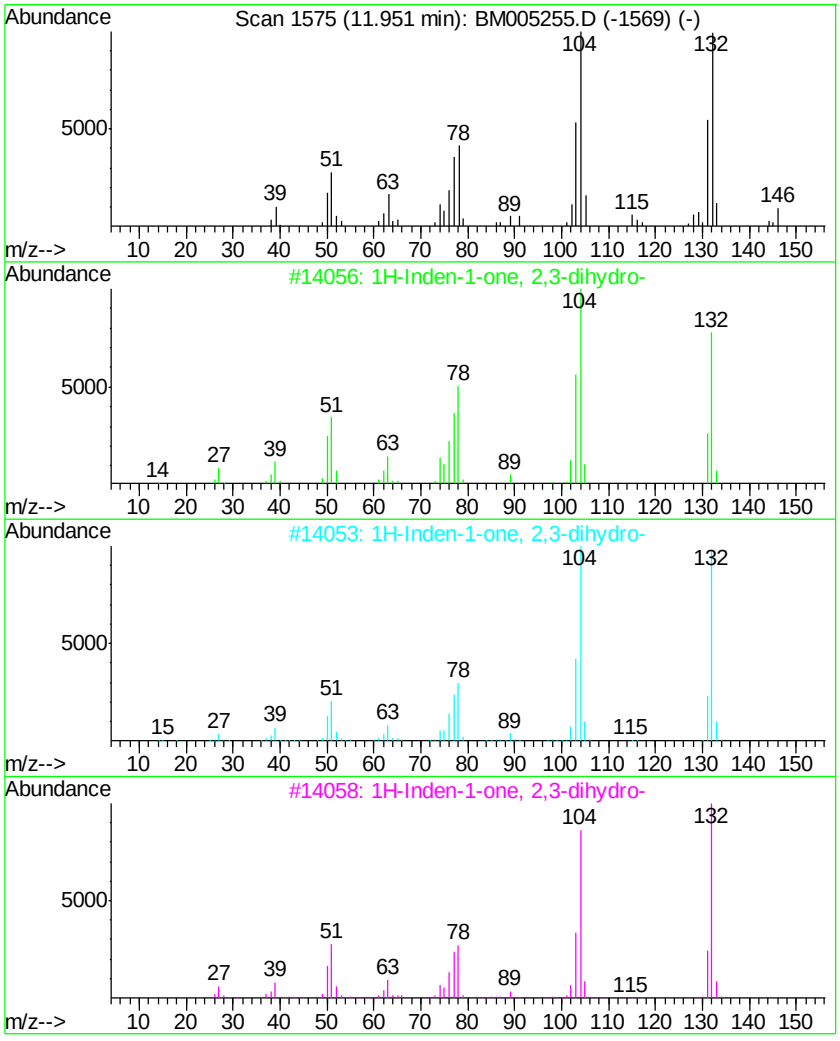
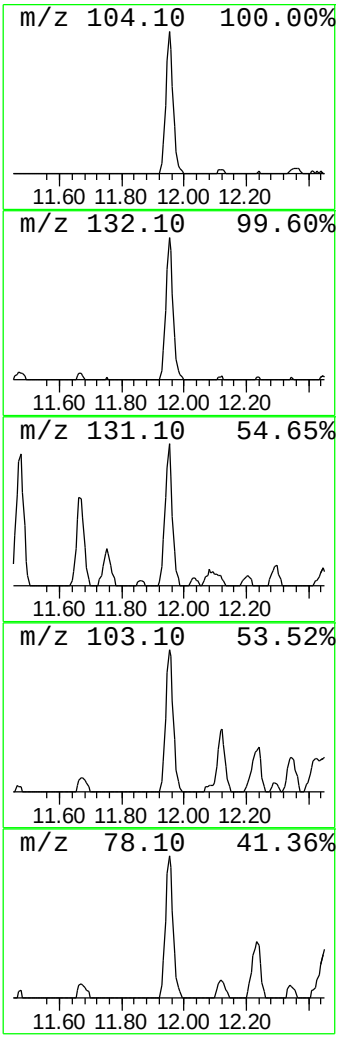
Peak Number 14 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	3.80 ng/ul	187858	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	96
3	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	93
4	Benzene, (2-propynyloxy)-	132	C9H8O	013610-02-1	81
5	5-Aminoindole	132	C8H8N2	005192-03-0	80





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Sample : H2813-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7T2

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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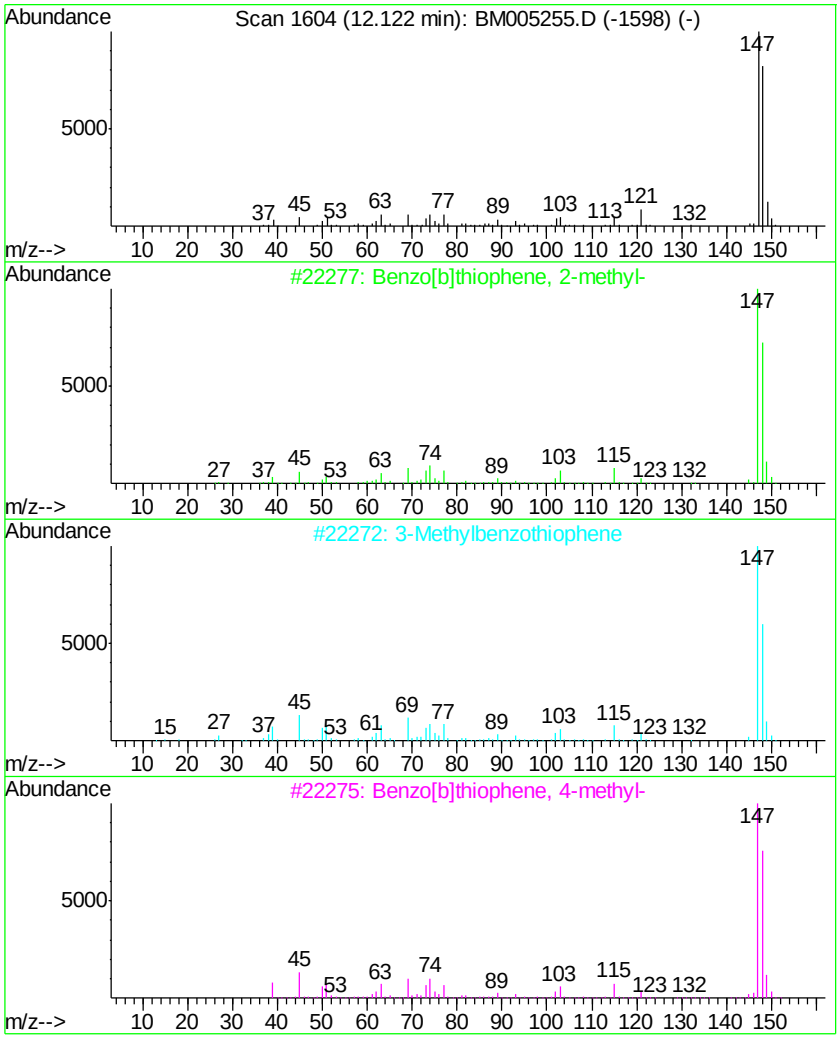
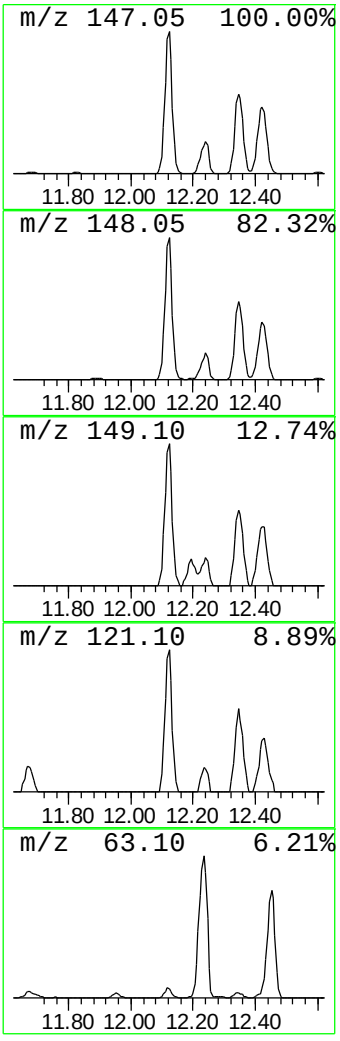
Peak Number 15 Benzo[b]thiophene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	8.37 ng/ul	413328	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, 4-methyl-	148	C9H8S	014315-11-8	91
4	3-Methylbenzothiophene	148	C9H8S	001455-18-1	90
5	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	90





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Acq On : 06 May 2016 03:35
Operator : UM/SJ
Sample : H2813-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7T2

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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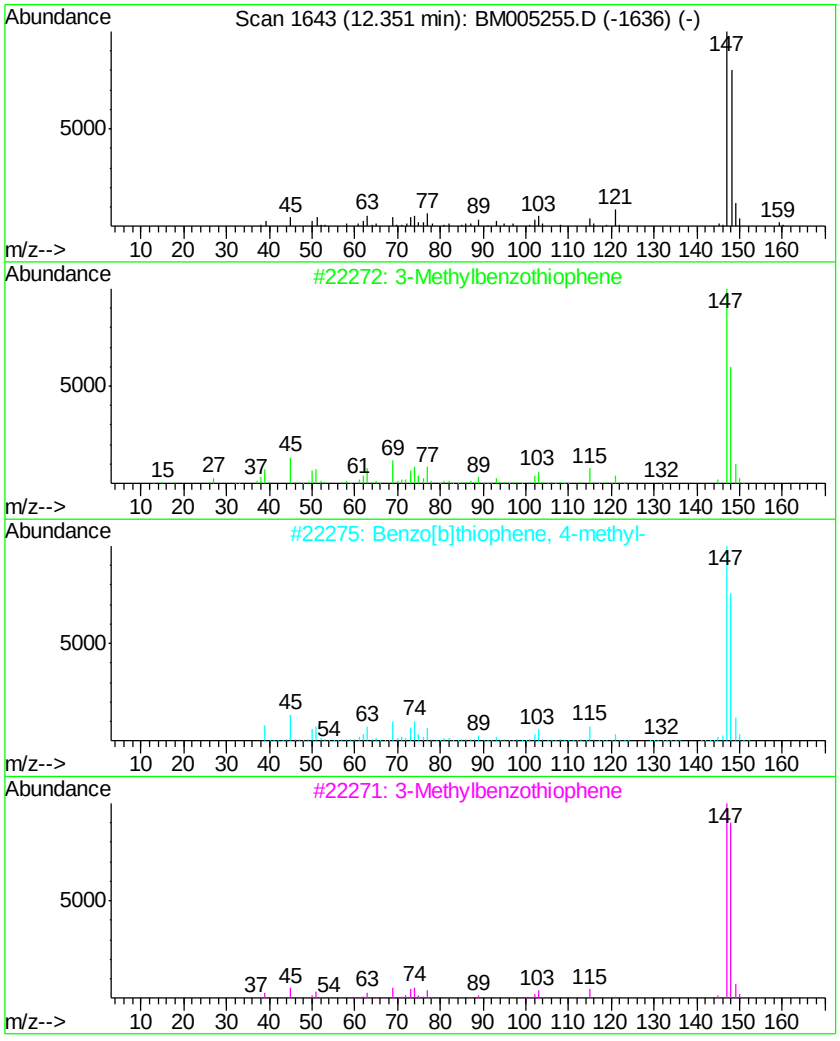
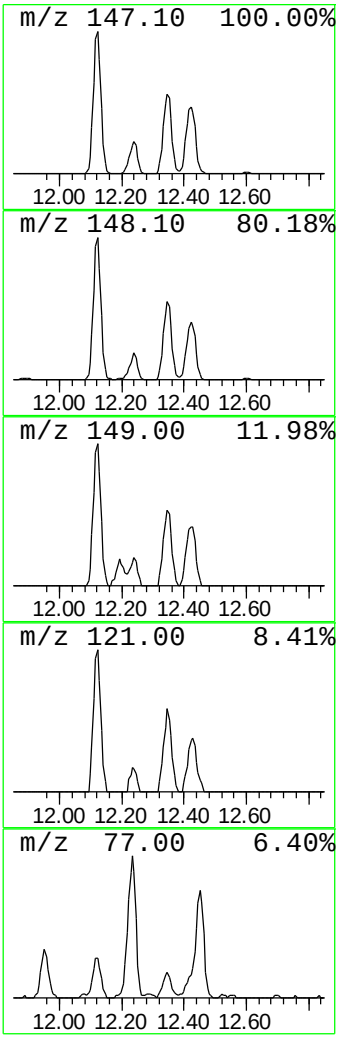
Peak Number 16 3-Methylbenzothiophene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	5.09 ng/ul	251150	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, 4-methyl-	148	C9H8S	014315-11-8	91
3	3-Methylbenzothiophene	148	C9H8S	001455-18-1	90
4	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	87
5	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	78





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Sample : H2813-12
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ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7T2

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Quant Title : SVOA CALIBRATION

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

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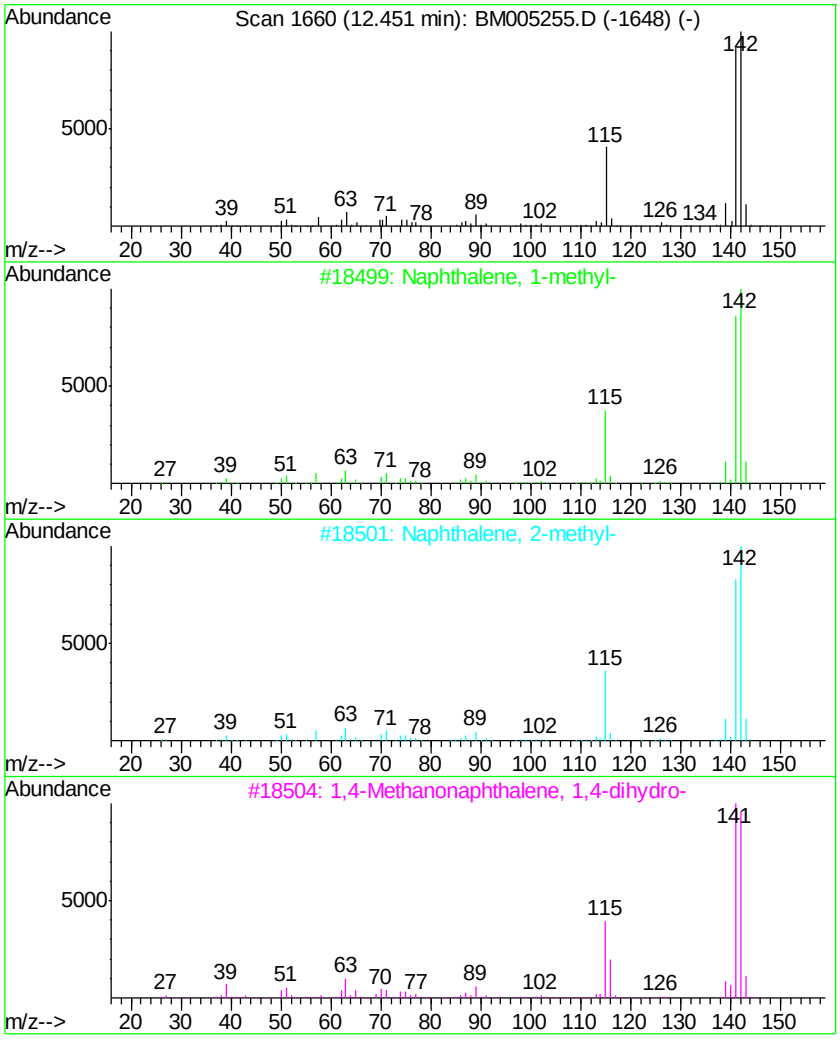
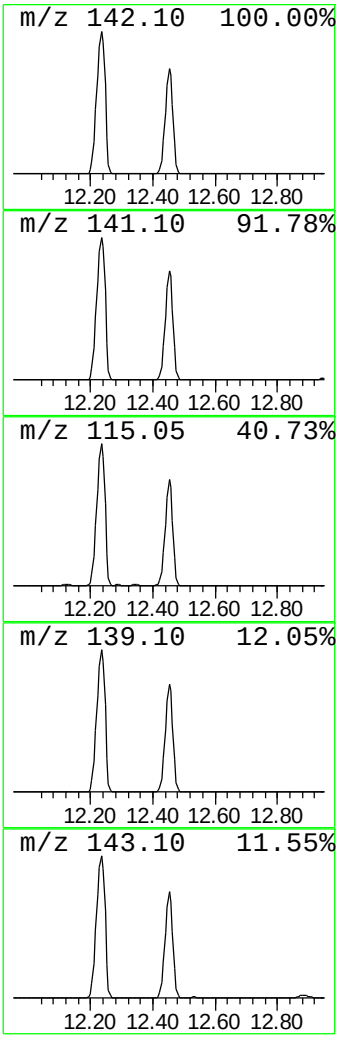
Peak Number 17 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	100.51 ng/ul	4962480	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





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Sample : H2813-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7T2

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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 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	7.07 ng/ul	719771	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
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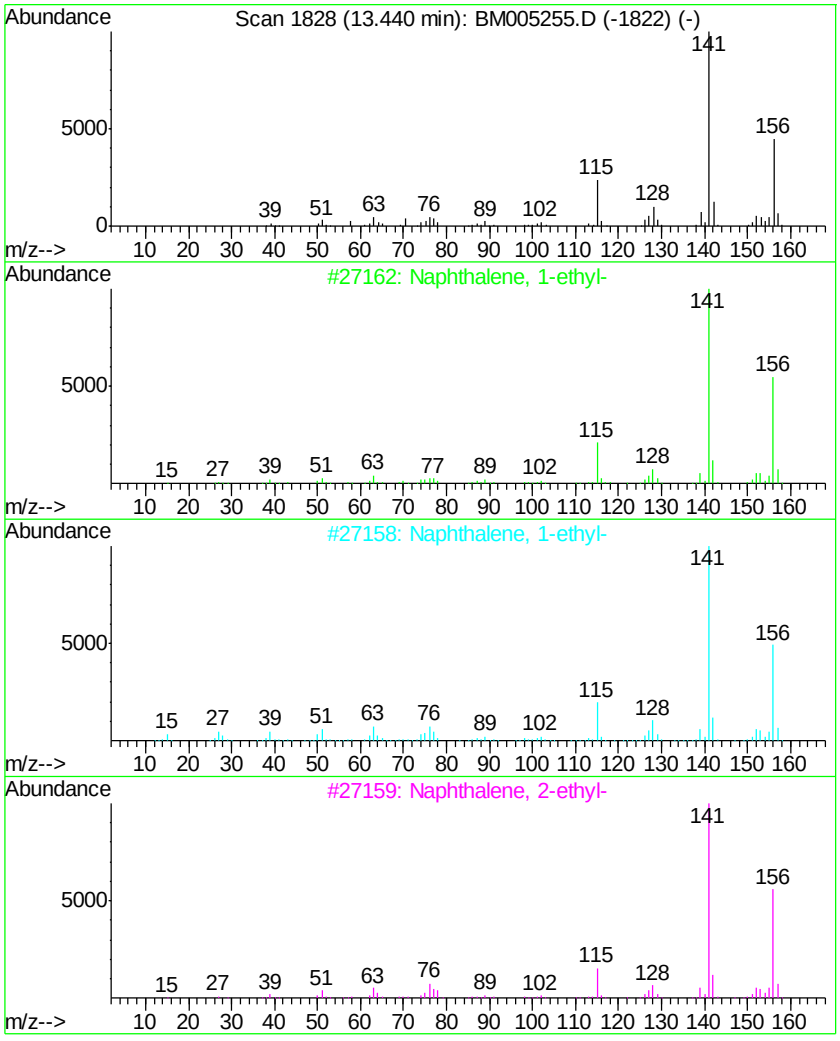

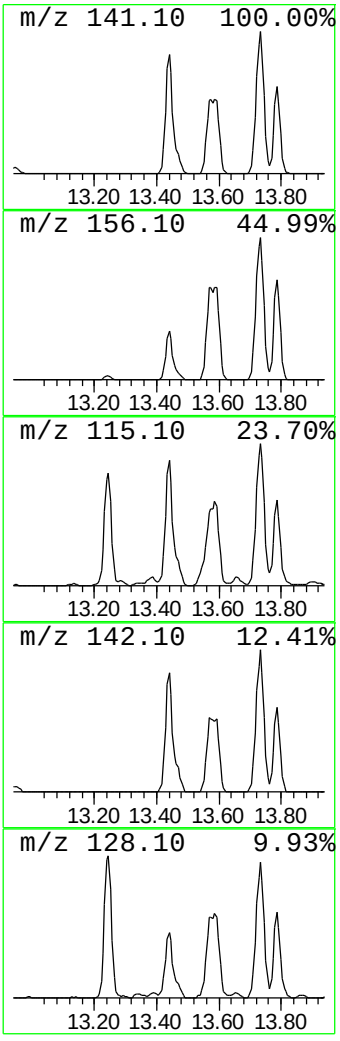

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Sample : H2813-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7T2

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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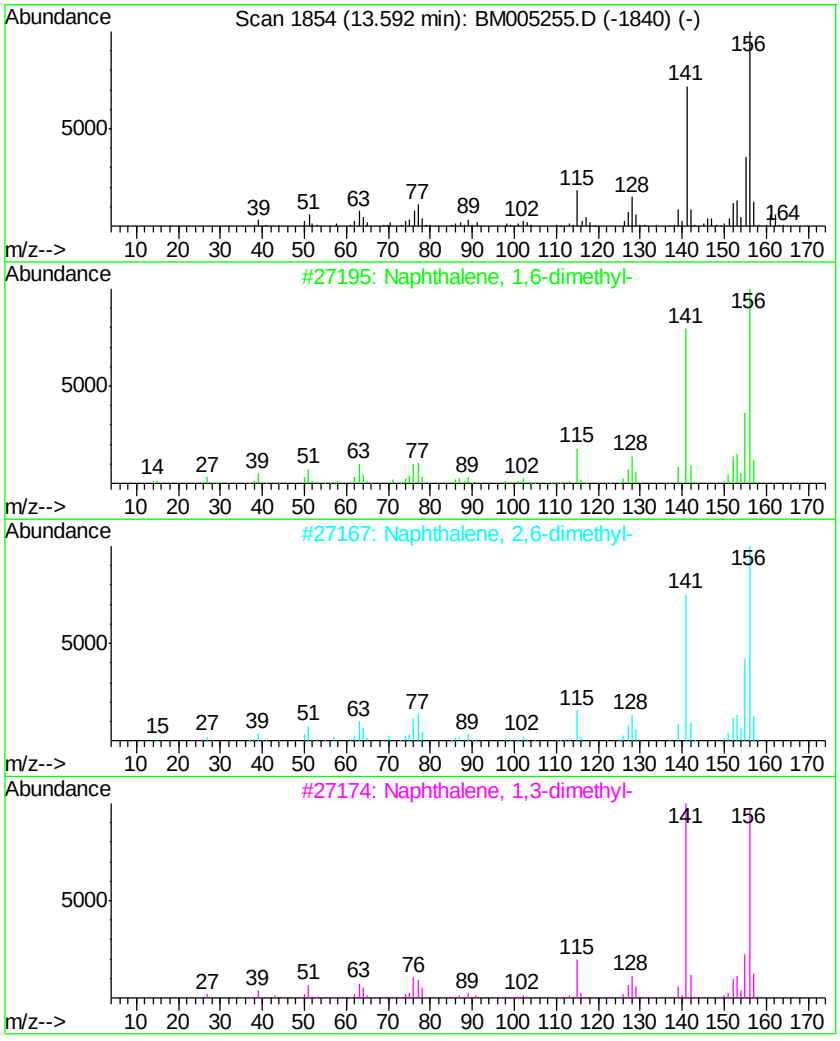
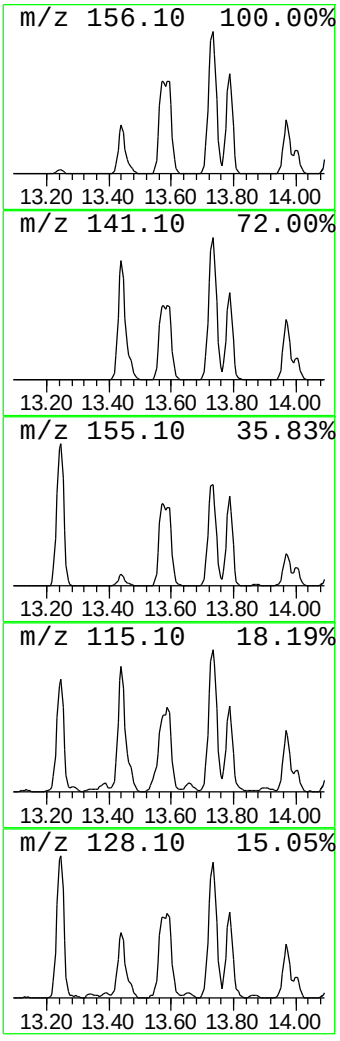
Peak Number 19 Naphthalene, 1,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	13.32 ng/ul	1356770	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, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





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Quant Title : SVOA CALIBRATION

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

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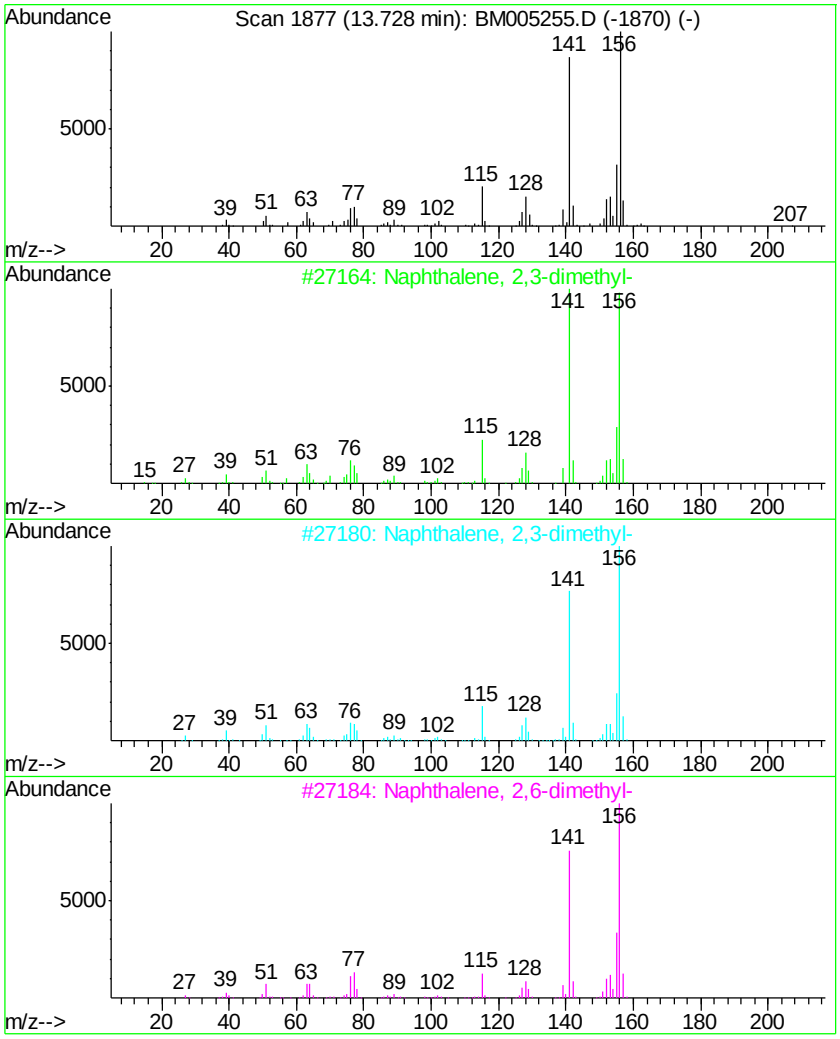
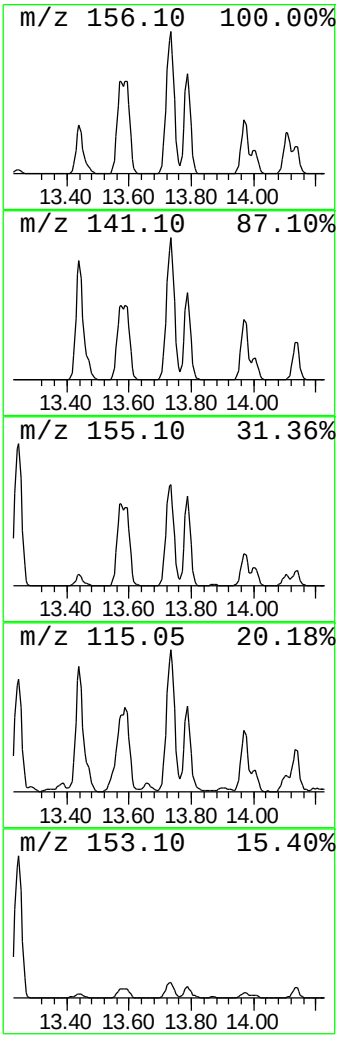
Peak Number 20 Naphthalene, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	13.03 ng/ul	1327300	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, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97





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Instrument : BNA_M
ClientSampleId : BC7T2

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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	2.78 ng/ul	283135	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	91
4	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	91
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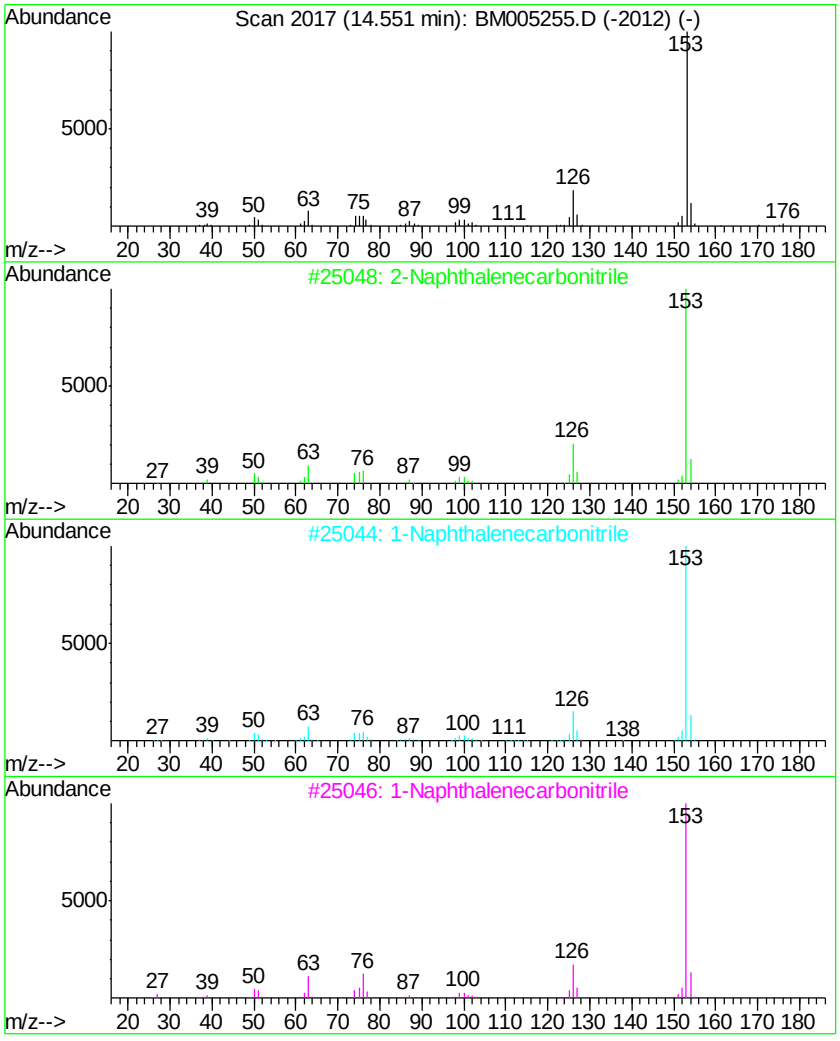

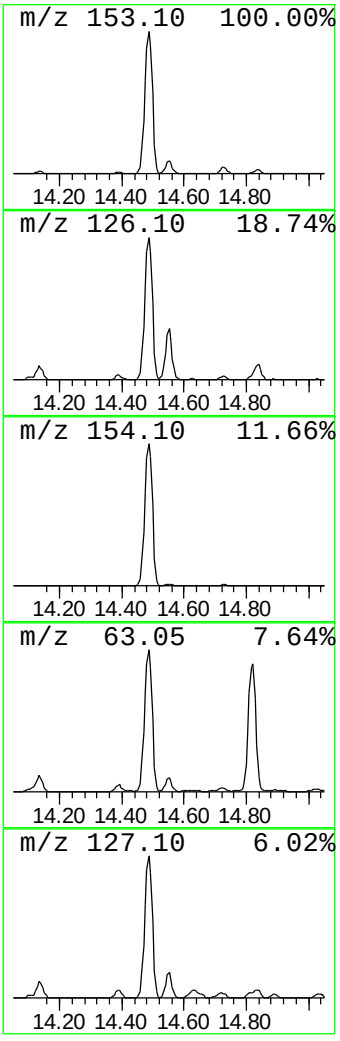

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Quant Title : SVOA CALIBRATION

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

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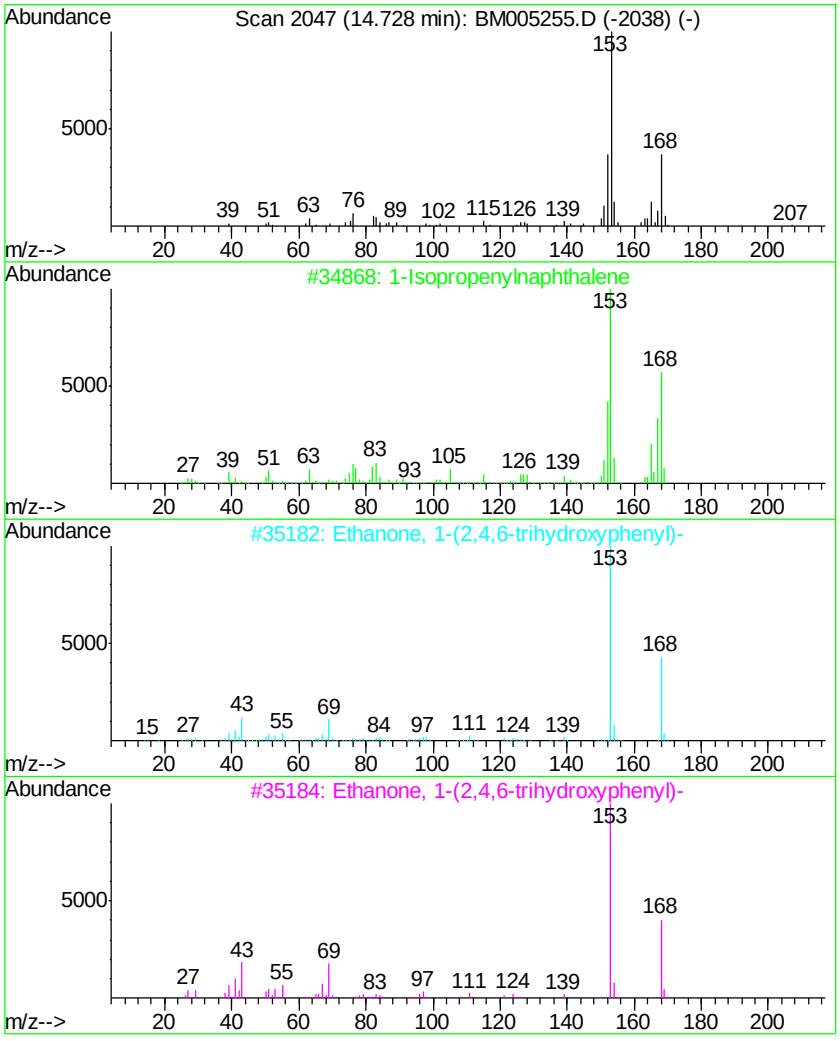
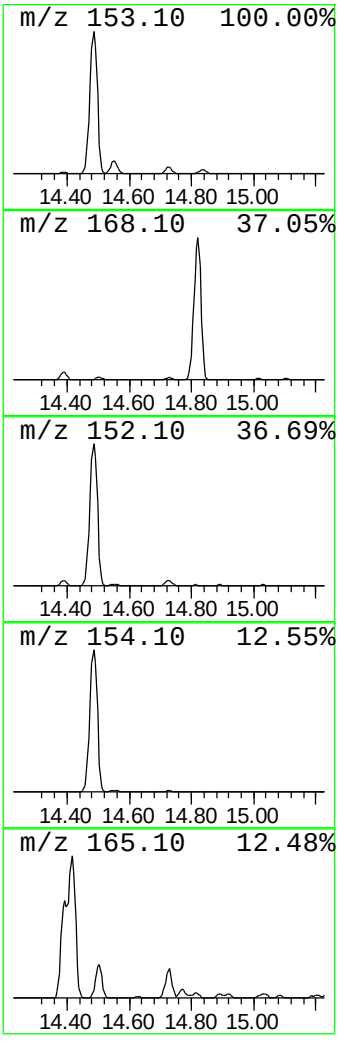
Peak Number 23 1-Isopropenylnaphthalene Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	2.32 ng/ul	236177	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	80
2	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	52
3	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	52
4	Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	50
5	Acetophenone, 3'-fluoro-4'-methoxy-	168	C9H9FO2	000455-91-4	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005255.D
Acq On : 06 May 2016 03:35
Operator : UM/SJ
Sample : H2813-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7T2

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

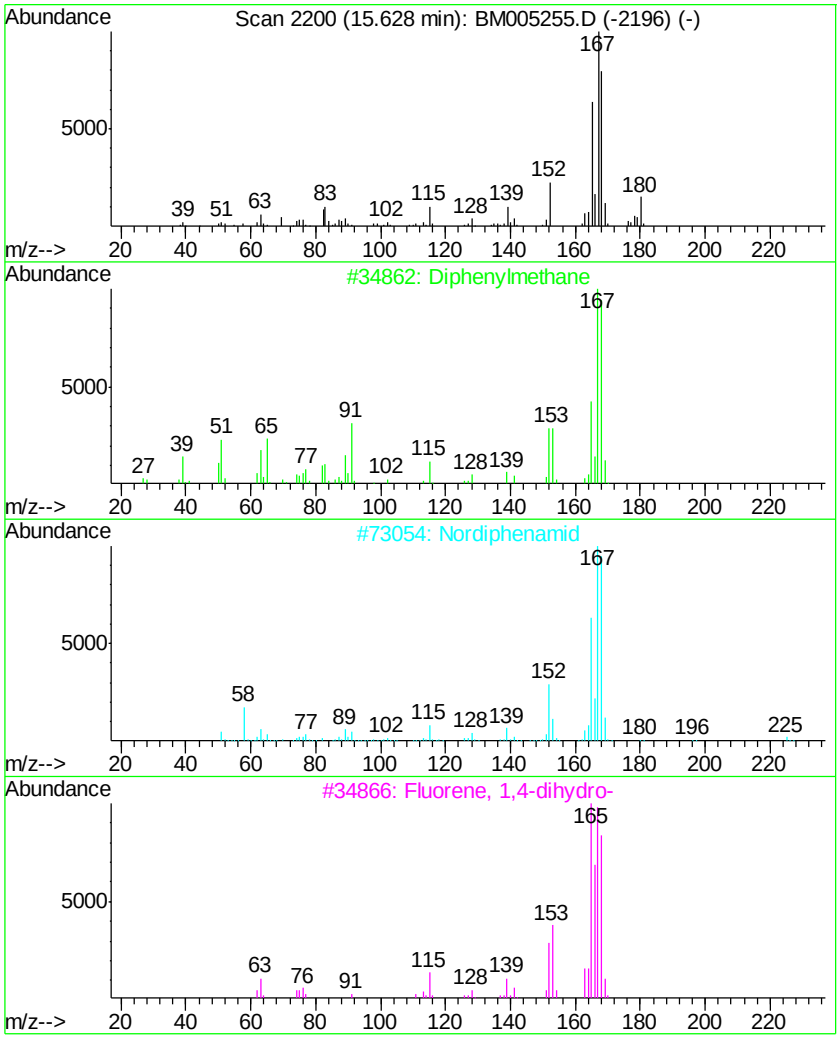
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

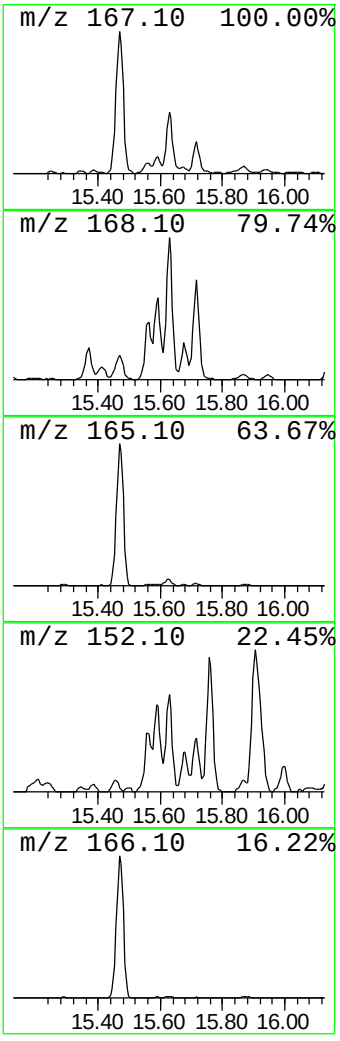
****

Peak Number 24 Diphenylmethane Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	3.49 ng/ul	356035	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	76
2	Nordiphenamid	225	C15H15NO	000954-21-2	64
3	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	59
4	Diphenylmethane	168	C13H12	000101-81-5	58
5	3,4-Dihydroxy-5-methoxybenzaldehyde	168	C8H8O4	003934-87-0	50





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005255.D
Acq On : 06 May 2016 03:35
Operator : UM/SJ
Sample : H2813-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7T2

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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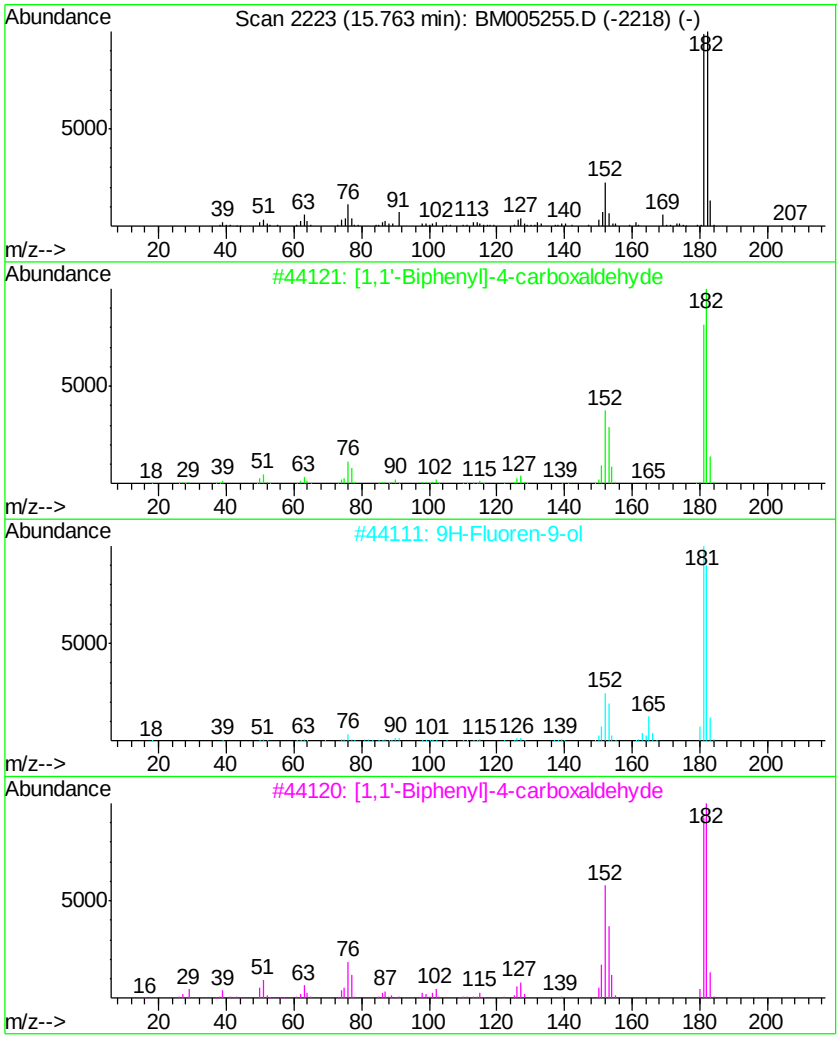
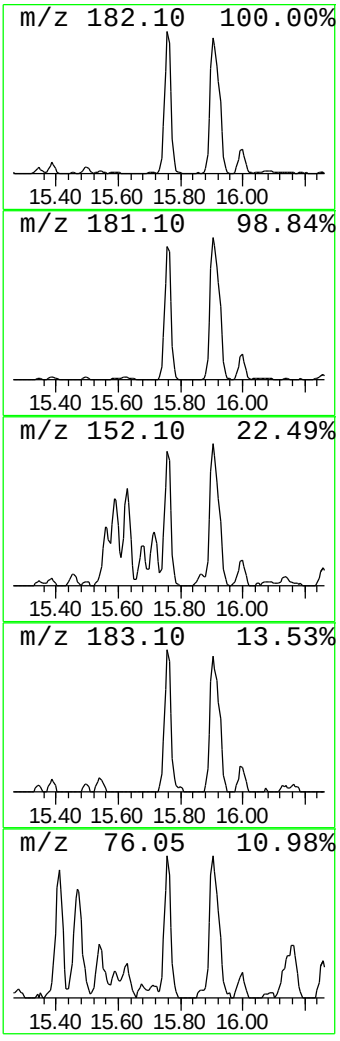
Peak Number 25 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	5.38 ng/ul	548034	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	70





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005255.D
Acq On : 06 May 2016 03:35
Operator : UM/SJ
Sample : H2813-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7T2

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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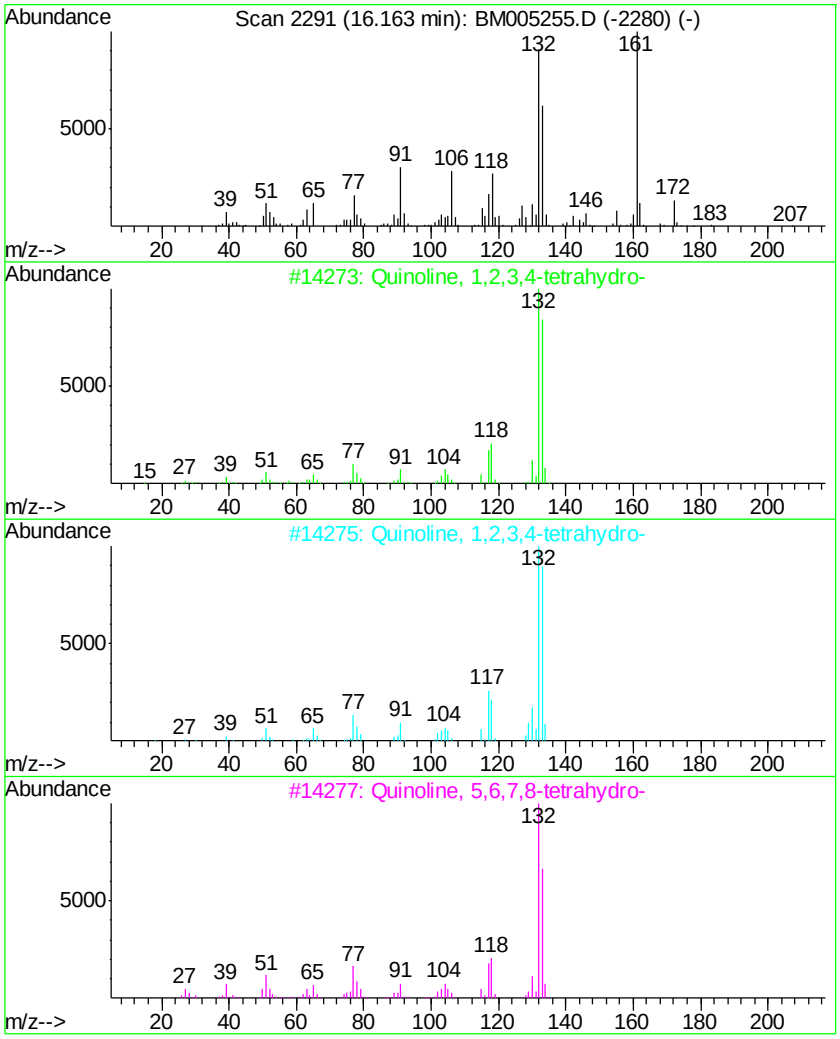
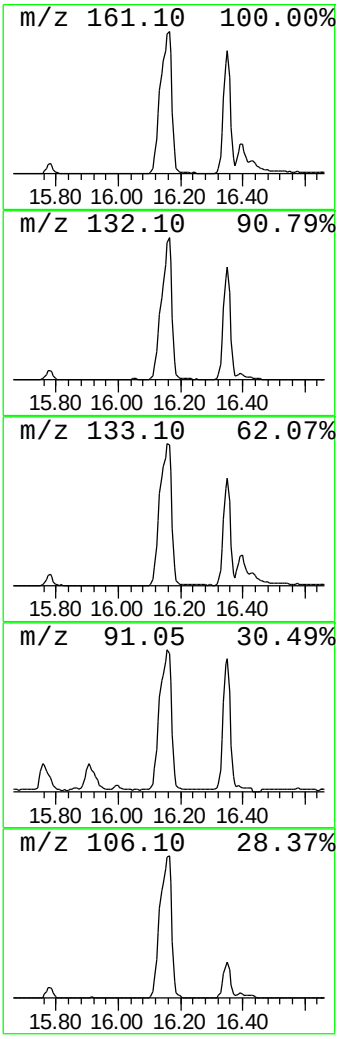
Peak Number 27 Quinoline, 1,2,3,4-tetrahydro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	17.69 ng/ul	1808020	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000635-46-1	55
2	Quinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000635-46-1	50
3	Quinoline, 5,6,7,8-tetrahydro-	133	C9H11N	010500-57-9	49
4	5-Aminoindan	133	C9H11N	024425-40-9	45
5	Quinoline, 5,6,7,8-tetrahydro-	133	C9H11N	010500-57-9	43





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Data File : BM005255.D
Acq On : 06 May 2016 03:35
Operator : UM/SJ
Sample : H2813-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7T2

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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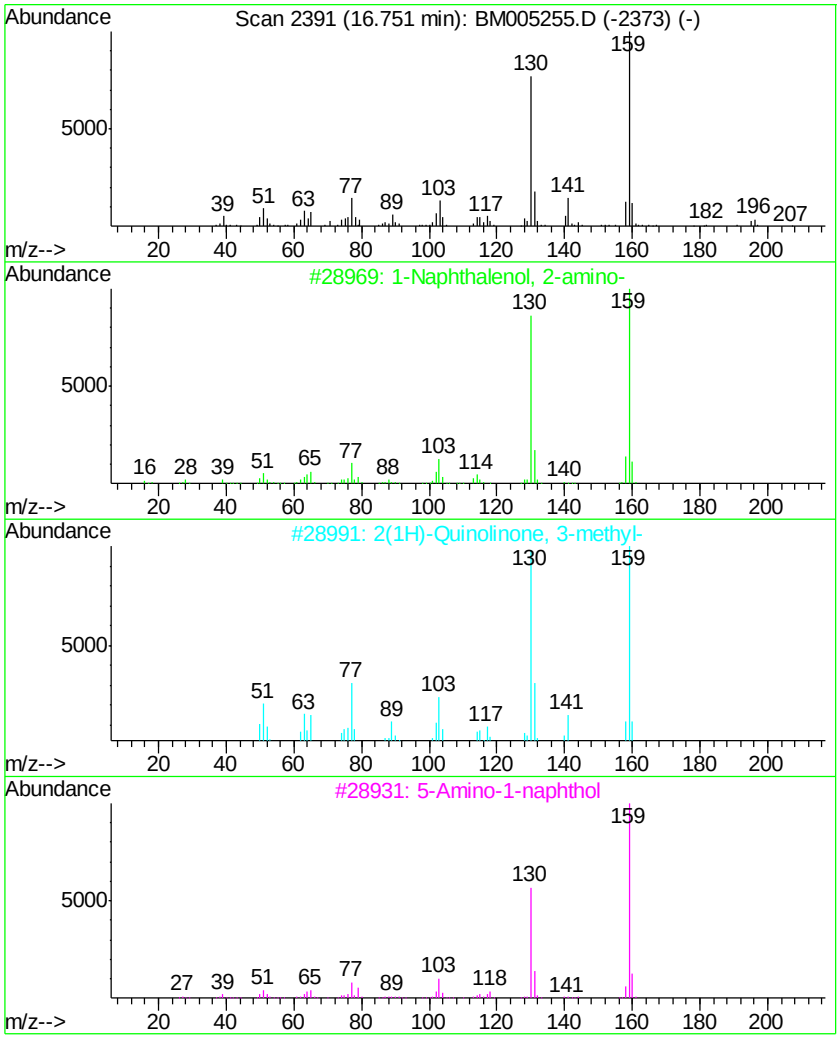
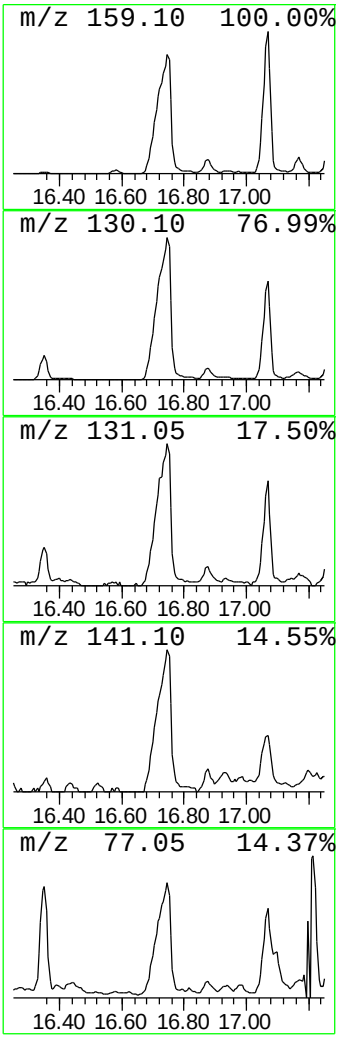
Peak Number 29 1-Naphthalenol, 2-amino- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.75	12.00 ng/ul	1226520	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenol, 2-amino-	159	C10H9NO	000606-41-7	94
2	2(1H)-Quinolinone, 3-methyl-	159	C10H9NO	002721-59-7	93
3	5-Amino-1-naphthol	159	C10H9NO	000083-55-6	90
4	2-Naphthalenol, 1-amino-	159	C10H9NO	002834-92-6	87
5	2(1H)-Quinolinone, 4-methyl-	159	C10H9NO	000607-66-9	87





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005255.D
Acq On : 06 May 2016 03:35
Operator : UM/SJ
Sample : H2813-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7T2

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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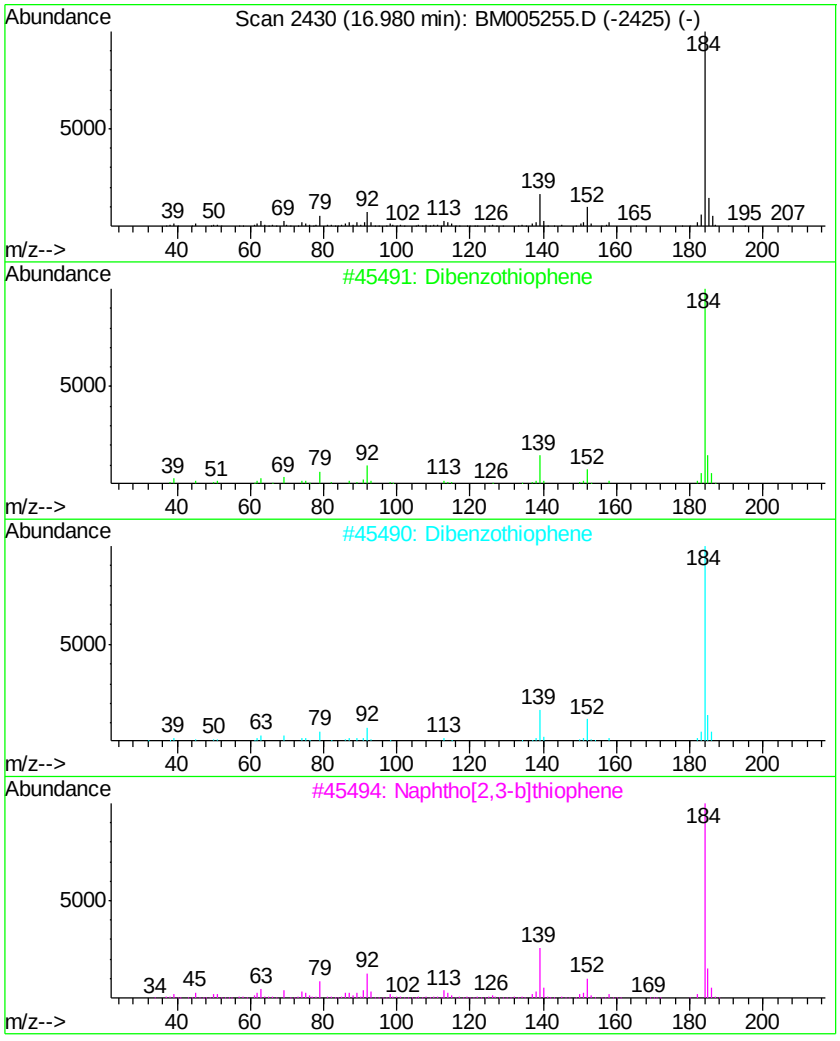
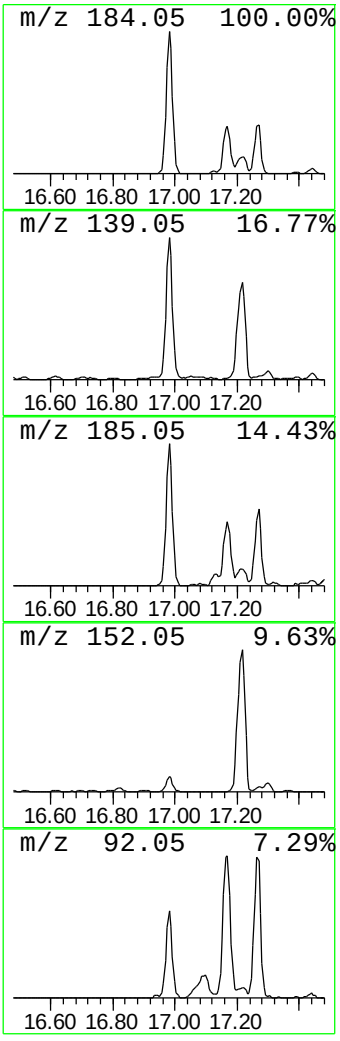
Peak Number 30 Dibenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.98	7.31 ng/ul	747013	Phenanthrene-d10	17.17

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005255.D
Acq On : 06 May 2016 03:35
Operator : UM/SJ
Sample : H2813-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7T2

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, 1,2,3-tr...	7.00	4.7	ng/ul	164960	1	7.78	702133	20.0
Benzofuran	7.50	11.0	ng/ul	384737	1	7.78	702133	20.0
Indane	8.15	30.1	ng/ul	1055520	1	7.78	702133	20.0
Benzene, 1-propynyl-	8.30	66.8	ng/ul	2345330	1	7.78	702133	20.0
3-Phenyl-2-propyn...	9.24	15.5	ng/ul	766607	2	10.57	987481	20.0
Benzofuran, 2-met...	9.30	5.9	ng/ul	290529	2	10.57	987481	20.0
Benzene, 1-etheny...	9.81	4.4	ng/ul	218615	2	10.57	987481	20.0
Benzene, 2-etheny...	9.96	10.6	ng/ul	524604	2	10.57	987481	20.0
Benzo[b]thiophene...	11.67	7.1	ng/ul	348477	2	10.57	987481	20.0
1H-Inden-1-one, 2...	11.95	3.8	ng/ul	187858	2	10.57	987481	20.0
Benzo[b]thiophene...	12.12	8.4	ng/ul	413328	2	10.57	987481	20.0
3-Methylbenzothio...	12.35	5.1	ng/ul	251150	2	10.57	987481	20.0
Naphthalene, 1-me...	12.45	100.5	ng/ul	4962480	2	10.57	987481	20.0
Naphthalene, 1-et...	13.44	7.1	ng/ul	719771	3	14.42	2037550	20.0
Naphthalene, 1,6-...	13.59	13.3	ng/ul	1356770	3	14.42	2037550	20.0
Naphthalene, 2,3-...	13.73	13.0	ng/ul	1327300	3	14.42	2037550	20.0
2-Naphthalenecarb...	14.55	2.8	ng/ul	283135	3	14.42	2037550	20.0
1-Isopropenylnaph...	14.73	2.3	ng/ul	236177	3	14.42	2037550	20.0
Diphenylmethane	15.63	3.5	ng/ul	356035	3	14.42	2037550	20.0
[1,1'-Biphenyl]-4...	15.76	5.4	ng/ul	548034	3	14.42	2037550	20.0
Quinoline, 1,2,3,...	16.16	17.7	ng/ul	1808020	4	17.17	2043730	20.0
1-Naphthalenol, 2...	16.75	12.0	ng/ul	1226520	4	17.17	2043730	20.0
Dibenzothiophene	16.98	7.3	ng/ul	747013	4	17.17	2043730	20.0