LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003661.D
Acq On : 20 Dec 2015 19:04
Operator : UM/SJ
Sample : G4867-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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-BM121915.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	3.899	133	138	150	rBB	78746	113821	3.57%	0.518%
2	5.346	379	384	394	rBB	45991	96797	3.04%	0.441%
3	5.710	438	446	453	rBB2	49233	89958	2.82%	0.410%
4	6.904	636	649	659	rBB	449412	753655	23.64%	3.432%
5	7.034	666	671	677	rBV	79488	114736	3.60%	0.522%
6	7.228	699	704	711	rVB	83170	126047	3.95%	0.574%
7	7.346	719	724	730	rBB2	54924	79088	2.48%	0.360%
8	7.416	731	736	743	rBB	49955	78961	2.48%	0.360%
9	7.698	778	784	790	rBB	74292	113358	3.56%	0.516%
10	7.810	798	803	808	rBB	21359	28767	0.90%	0.131%
11	8.069	842	847	853	rBB	20972	29531	0.93%	0.134%
12	8.145	854	860	867	rBB	470641	710648	22.29%	3.236%
13	8.234	868	875	882	rBB	378392	611075	19.17%	2.783%
14	8.410	899	905	909	rBV	73129	113417	3.56%	0.516%
15	8.481	909	917	924	rVV	900576	1664200	52.21%	7.579%
16	8.857	975	981	988	rBB	104298	166550	5.22%	0.758%
17	9.051	1009	1014	1019	rBB	25406	36864	1.16%	0.168%
18	9.116	1020	1025	1029	rBV	86701	133588	4.19%	0.608%
19	9.169	1029	1034	1040	rVV	42922	89900	2.82%	0.409%
20	9.234	1040	1045	1050	rVB	16251	23482	0.74%	0.107%
21	9.575	1097	1103	1109	rVB	91294	140946	4.42%	0.642%
22	9.669	1113	1119	1122	rBV	269661	435420	13.66%	1.983%
23	9.704	1122	1125	1130	rVV	216147	321775	10.09%	1.465%
24	9.745	1130	1132	1142	rVB2	15255	23577	0.74%	0.107%
25	9.922	1152	1162	1167	rBV4	94080	270156	8.47%	1.230%
26	9.981	1167	1172	1178	rVV2	337049	563237	17.67%	2.565%
27	10.028	1178	1180	1185	rVB	25275	30739	0.96%	0.140%
28	10.116	1189	1195	1203	rBB2	156458	311838	9.78%	1.420%
29	10.363	1232	1237	1243	rVB	95098	142084	4.46%	0.647%
30	10.486	1250	1258	1261	rBV	110571	186734	5.86%	0.850%
31	10.545	1261	1268	1278	rVV	1766899	3187735	100.00%	14.517%
32	10.657	1278	1287	1296	rVV2	133870	286088	8.97%	1.303%
33	10.851	1313	1320	1325	rBV2	11689	19997	0.63%	0.091%
34	11.028	1345	1350	1354	rBV	24271	35658	1.12%	0.162%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003661.D
Acq On : 20 Dec 2015 19:04
Operator : UM/SJ
Sample : G4867-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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-BM121915.M
Title : SVOA CALIBRATION

35	11.075	1354	1358	1361	rVV2	20637	31583	0.99%	0.144%
36	11.110	1361	1364	1369	rVB	16615	22477	0.71%	0.102%
37	11.322	1395	1400	1409	rVV	52556	82245	2.58%	0.375%
38	11.516	1426	1433	1438	rBV2	31895	55658	1.75%	0.253%
39	11.569	1438	1442	1449	rVV2	22030	37089	1.16%	0.169%
40	11.998	1511	1515	1520	rVV3	9746	17681	0.55%	0.081%
41	12.051	1520	1524	1529	rVV2	16562	26561	0.83%	0.121%
42	12.157	1535	1542	1547	rVV	318224	502183	15.75%	2.287%
43	12.204	1547	1550	1555	rVV2	10613	18664	0.59%	0.085%
44	12.263	1555	1560	1569	rVV3	18522	34866	1.09%	0.159%
45	12.375	1569	1579	1586	rVB	347479	573985	18.01%	2.614%
46	12.445	1586	1591	1595	rBV	14019	20067	0.63%	0.091%
47	12.551	1603	1609	1613	rBV4	11361	20318	0.64%	0.093%
48	13.175	1711	1715	1723	rVB	70568	107399	3.37%	0.489%
49	13.510	1764	1772	1773	rBV2	35093	64213	2.01%	0.292%
50	13.669	1793	1799	1804	rBV	86604	154992	4.86%	0.706%
51	13.722	1804	1808	1810	rVV	47690	65521	2.06%	0.298%
52	13.757	1810	1814	1820	rVV	299780	420145	13.18%	1.913%
53	13.904	1834	1839	1843	rBV	41399	61659	1.93%	0.281%
54	13.939	1843	1845	1850	rVV2	17881	21956	0.69%	0.100%
55	14.039	1857	1862	1865	rVV	328849	532263	16.70%	2.424%
56	14.069	1865	1867	1874	rVB	284872	350333	10.99%	1.595%
57	14.157	1877	1882	1891	rBB	44658	65150	2.04%	0.297%
58	14.351	1906	1915	1921	rBV2	204727	315458	9.90%	1.437%
59	14.410	1921	1925	1933	rVB	62505	95535	3.00%	0.435%
60	14.480	1933	1937	1942	rVB	25700	32902	1.03%	0.150%
61	14.563	1943	1951	1957	rBB3	34843	60618	1.90%	0.276%
62	14.639	1958	1964	1971	rBV	48416	69433	2.18%	0.316%
63	14.751	1977	1983	1990	rVB	142705	223694	7.02%	1.019%
64	14.827	1991	1996	2003	rBB2	12878	17122	0.54%	0.078%
65	14.963	2013	2019	2025	rBB2	9471	18640	0.58%	0.085%
66	15.216	2058	2062	2067	rVB2	15507	24193	0.76%	0.110%
67	15.345	2078	2084	2089	rBV	460727	637032	19.98%	2.901%
68	15.398	2089	2093	2101	rVB	163794	232712	7.30%	1.060%
69	15.469	2101	2105	2111	rBV	146886	193889	6.08%	0.883%
70	15.616	2123	2130	2132	rBV6	11636	20974	0.66%	0.096%
71	15.698	2139	2144	2149	rBV3	18048	27410	0.86%	0.125%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003661.D
Acq On : 20 Dec 2015 19:04
Operator : UM/SJ
Sample : G4867-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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-BM121915.M
Title : SVOA CALIBRATION

72	15.816	2160	2164	2166	rBV2	13368	18825	0.59%	0.086%
73	16.057	2200	2205	2212	rBB2	20196	39681	1.24%	0.181%
74	16.245	2229	2237	2242	rBV	49945	100139	3.14%	0.456%
75	16.286	2242	2244	2246	rVV	12202	15801	0.50%	0.072%
76	16.310	2246	2248	2253	rVV	12896	18528	0.58%	0.084%
77	16.363	2253	2257	2262	rVV	18920	34205	1.07%	0.156%
78	16.604	2293	2298	2302	rBV	13001	18920	0.59%	0.086%
79	16.733	2316	2320	2328	rVB3	8076	16930	0.53%	0.077%
80	16.915	2347	2351	2358	rVB	27396	36510	1.15%	0.166%
81	17.098	2377	2382	2386	rBV	291091	418881	13.14%	1.908%
82	17.139	2386	2389	2394	rVB	247244	317960	9.97%	1.448%
83	17.198	2394	2399	2403	rBV	523763	737537	23.14%	3.359%
84	17.504	2446	2451	2457	rVB	162973	223134	7.00%	1.016%
85	17.598	2463	2467	2473	rBV4	8939	17336	0.54%	0.079%
86	17.662	2473	2478	2484	rVV2	11108	15601	0.49%	0.071%
87	17.974	2527	2531	2535	rVV	14503	18538	0.58%	0.084%
88	18.021	2535	2539	2543	rVV	34096	46908	1.47%	0.214%
89	18.098	2547	2552	2557	rVB3	15831	27903	0.88%	0.127%
90	18.168	2558	2564	2568	rBV3	32559	54479	1.71%	0.248%
91	18.274	2574	2582	2586	rVV3	8119	17945	0.56%	0.082%
92	19.162	2729	2733	2738	rVB	70361	91376	2.87%	0.416%
93	19.498	2784	2790	2803	rVB2	702102	1037776	32.56%	4.726%
94	19.968	2866	2870	2875	rVV2	10553	17842	0.56%	0.081%
95	21.298	3089	3096	3100	rBV	495485	632549	19.84%	2.881%
96	21.333	3100	3102	3109	rVB	17785	18815	0.59%	0.086%
97	22.868	3357	3363	3368	rBV2	9771	23637	0.74%	0.108%
98	23.403	3446	3454	3467	rVB	533722	1009370	31.66%	4.597%
99	23.544	3470	3478	3485	rBV	286736	530294	16.64%	2.415%
100	24.803	3688	3692	3697	rVB4	7941	14846	0.47%	0.068%

Sum of corrected areas: 21959313

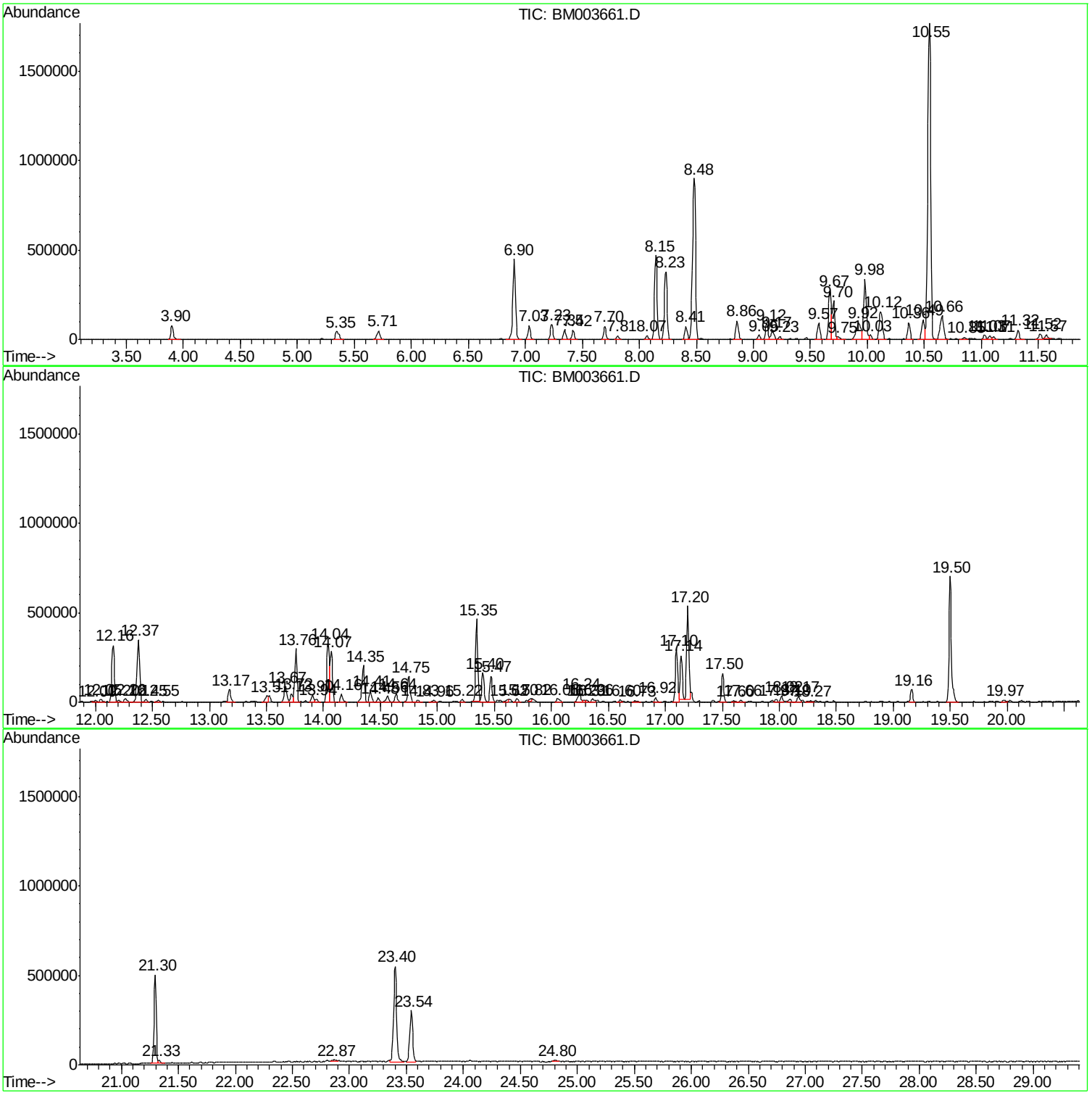
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003661.D
Acq On : 20 Dec 2015 19:04
Operator : UM/SJ
Sample : G4867-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.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\BM122015\
Data File : BM003661.D
Acq On : 20 Dec 2015 19:04
Operator : UM/SJ
Sample : G4867-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

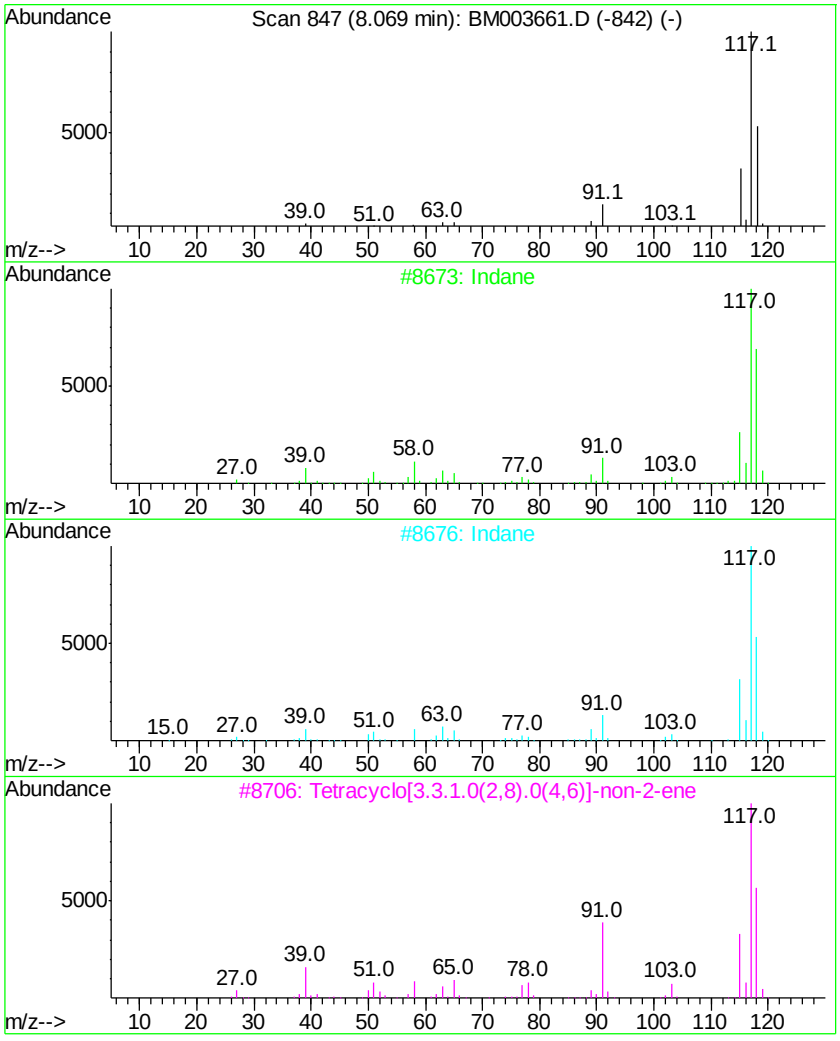
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

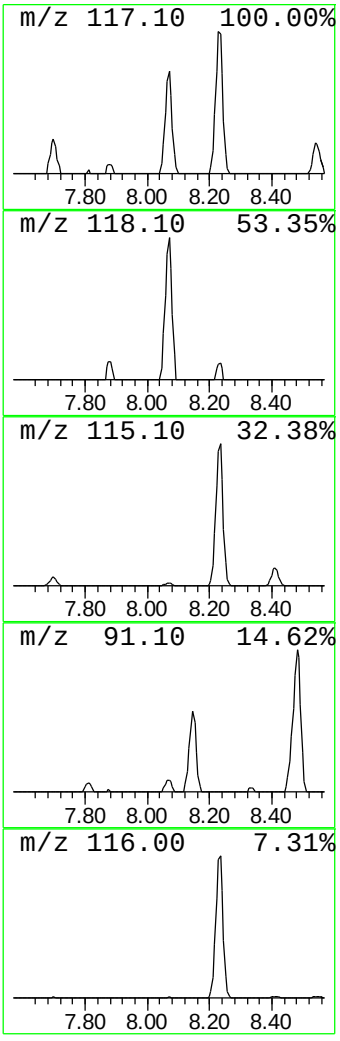
****

Peak Number 7 Indane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.07	5.21 ng/ul	29531	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	80
2	Indane	118	C9H10	000496-11-7	80
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
4	Indane	118	C9H10	000496-11-7	72
5	Deltacyclene	118	C9H10	007785-10-6	59





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003661.D
Acq On : 20 Dec 2015 19:04
Operator : UM/SJ
Sample : G4867-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

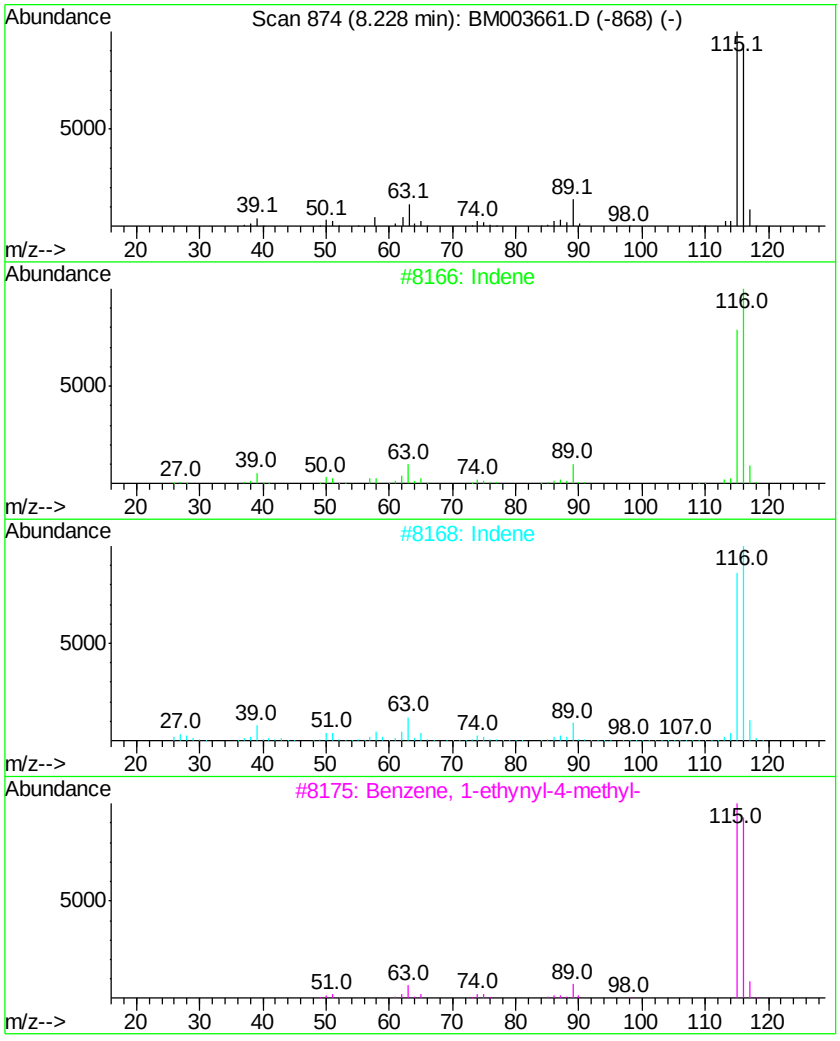
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

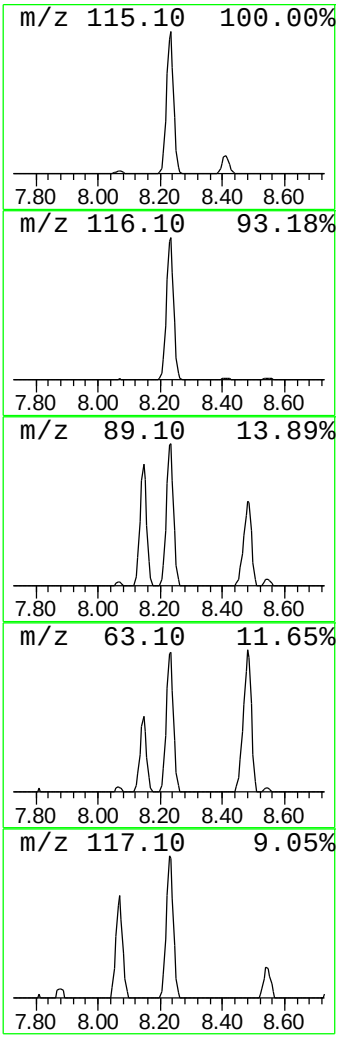
****

Peak Number 8 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	107.81 ng/ul	611075	1,4-Dichlorobenzene-d4	7.70

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





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003661.D
Acq On : 20 Dec 2015 19:04
Operator : UM/SJ
Sample : G4867-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

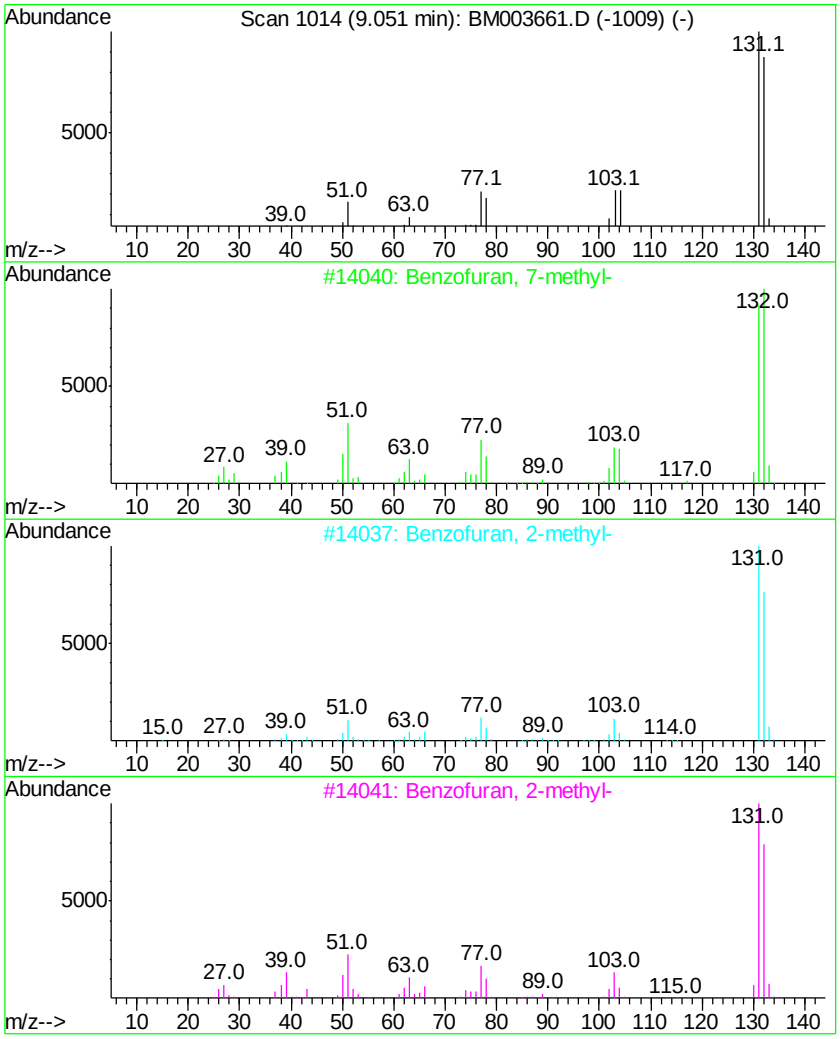
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

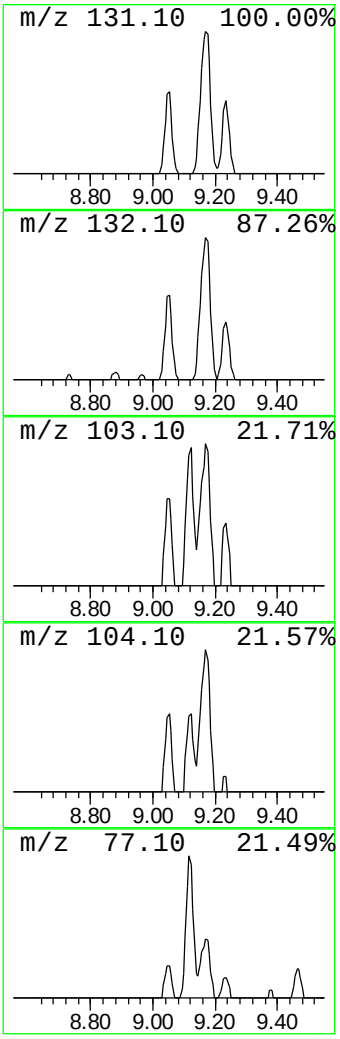
****

Peak Number 9 Benzofuran, 7-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	6.50 ng/ul	36864	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	86





Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003661.D
Acq On : 20 Dec 2015 19:04
Operator : UM/SJ
Sample : G4867-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

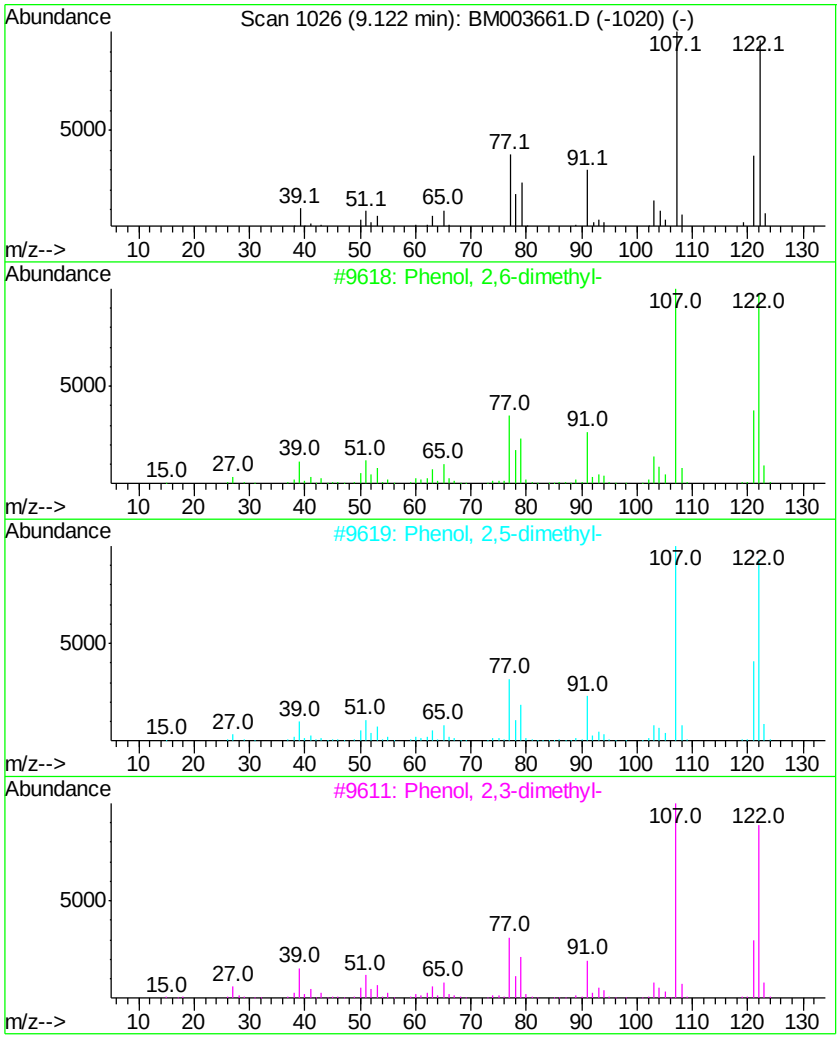
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

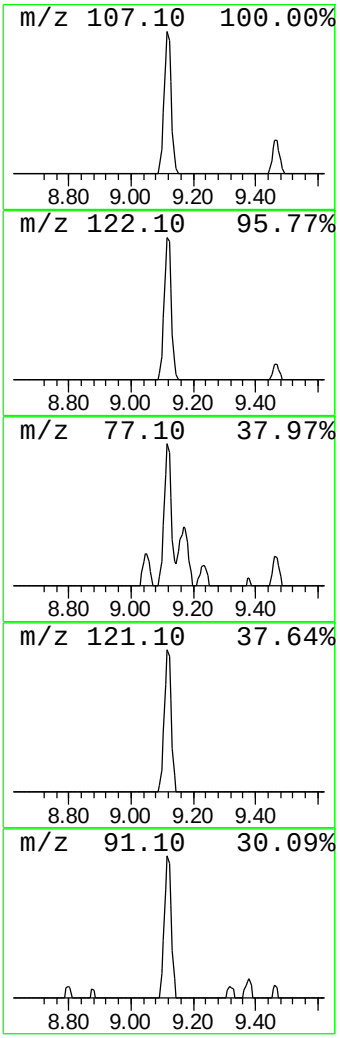
****

Peak Number 10 Phenol, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.12	14.31 ng/ul	133588	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	97
2	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	96
3	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	96
4	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	95
5	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	95





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003661.D
Acq On : 20 Dec 2015 19:04
Operator : UM/SJ
Sample : G4867-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

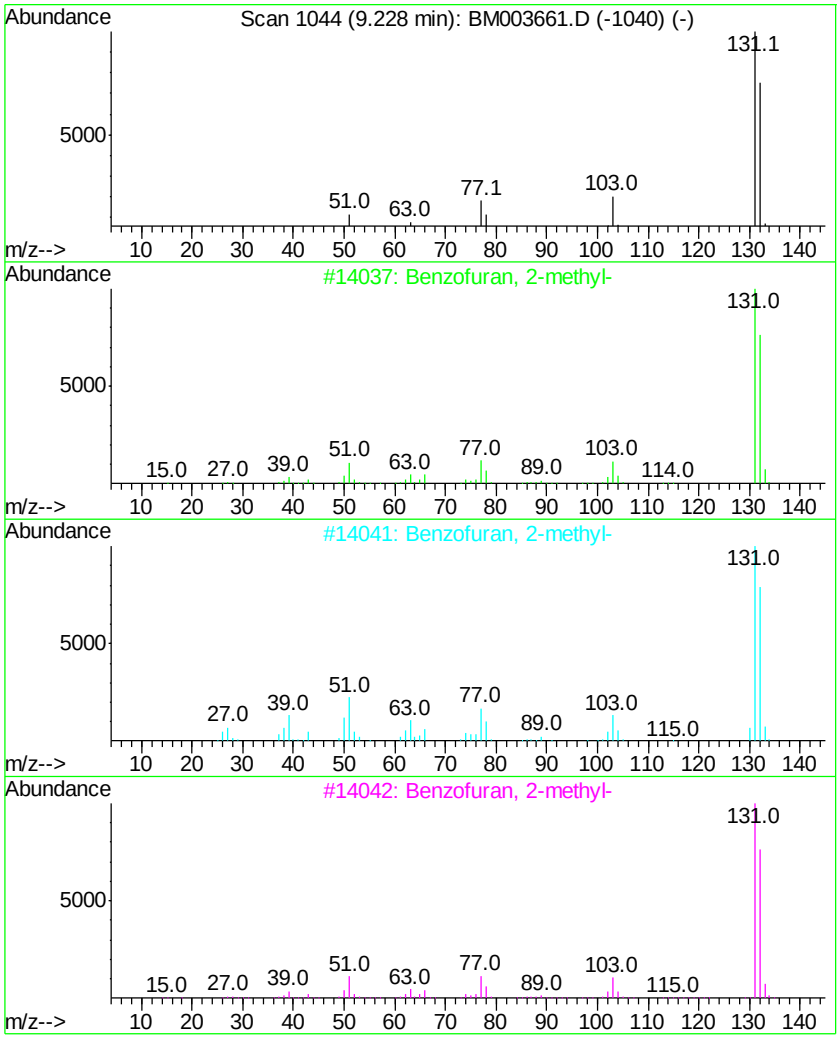
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

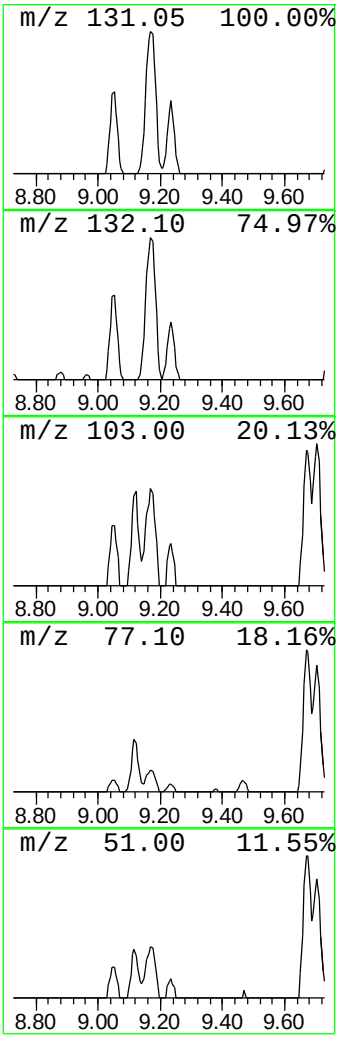
****

Peak Number 12 Benzofuran, 2-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	2.52 ng/ul	23482	Naphthalene-d8	10.49

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	91
4	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	90
5	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	83





Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003661.D
Acq On : 20 Dec 2015 19:04
Operator : UM/SJ
Sample : G4867-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA4

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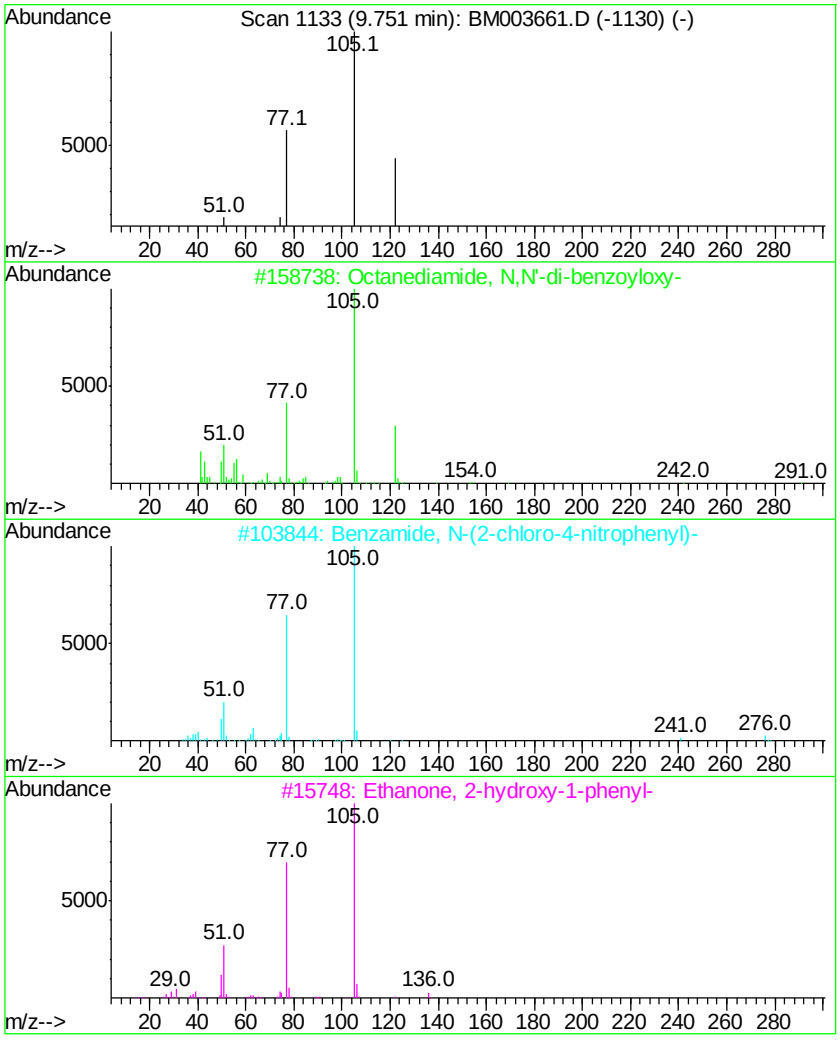
Quant Title : SVOA CALIBRATION

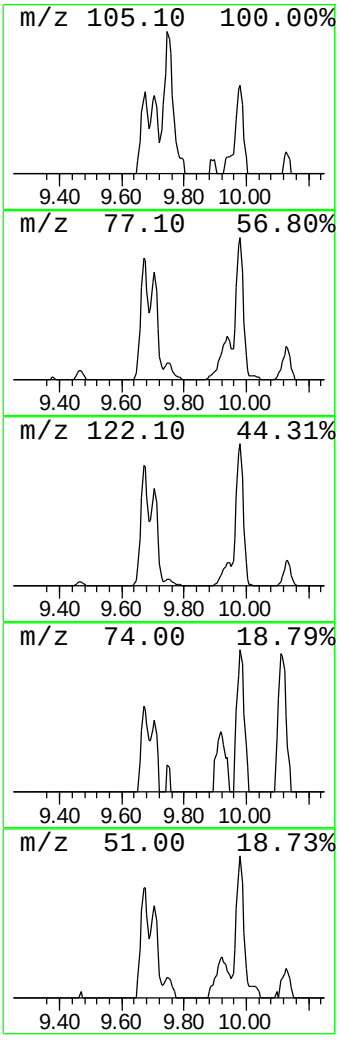
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Octanediamide, N,N'-di-benz... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	2.53 ng/ul	23577	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanediamide, N,N'-di-benzoyloxy-	412	C22H24N2O6	1000253-26-1	74
2	Benzamide, N-(2-chloro-4-nitroph...	276	C13H9ClN2O3	064160-38-9	9
3	Ethanone, 2-hydroxy-1-phenyl-	136	C8H8O2	000582-24-1	9
4	Benzoic acid, 2-(benzoylthio)thi...	341	C17H11NO3S2	1000258-72-7	9
5	Cyclopropanecarboxamide, N-benzo...	205	C11H11NO3	1000253-25-4	9





Library Search Compound Report

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Acq On : 20 Dec 2015 19:04
Operator : UM/SJ
Sample : G4867-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

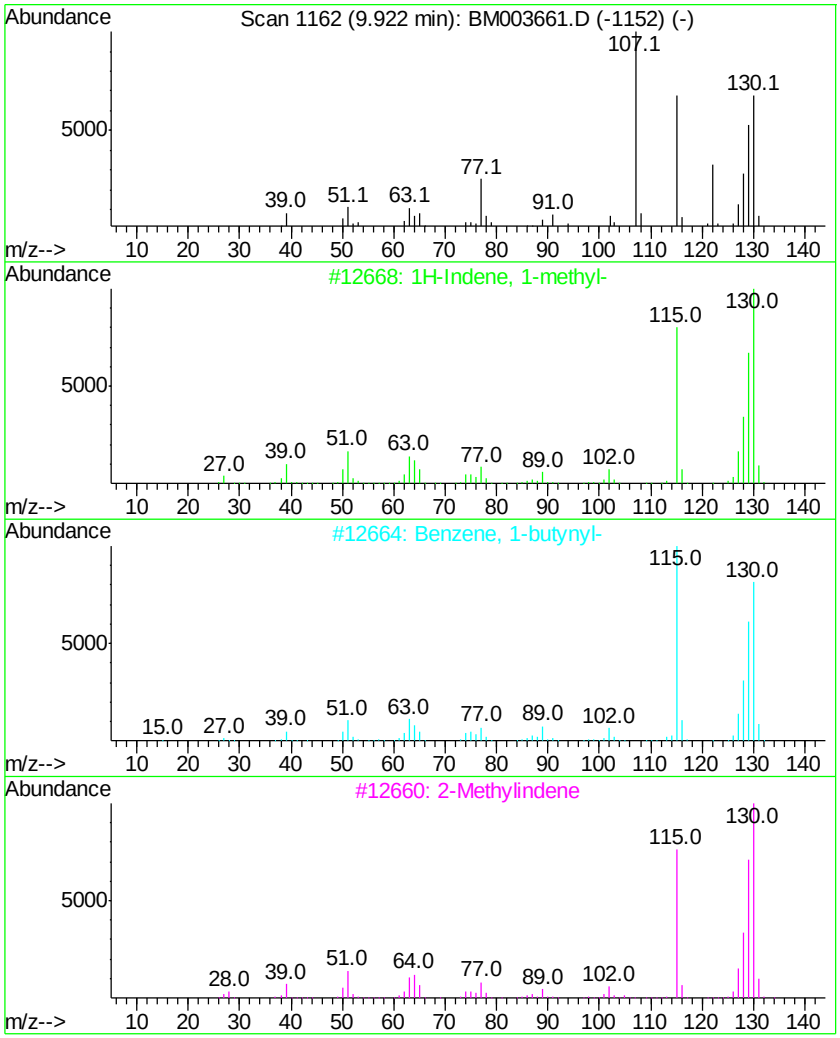
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

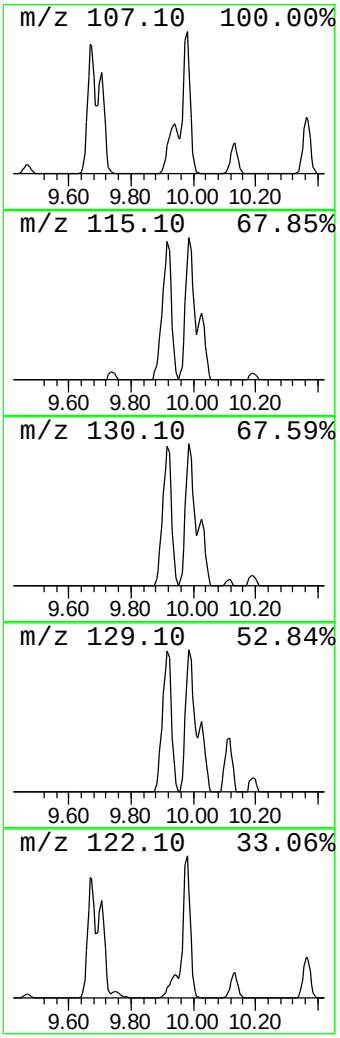
****

Peak Number 14 1H-Indene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	28.93 ng/ul	270156	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	89
2	Benzene, 1-butynyl-	130	C10H10	000622-76-4	89
3	2-Methylindene	130	C10H10	002177-47-1	86
4	Benzene, 1-butynyl-	130	C10H10	000622-76-4	86
5	Tetracyclo[5.3.0.0<2,6>.0<3,10>]...	130	C10H10	034324-40-8	80





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Operator : UM/SJ
Sample : G4867-07
Misc :
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Instrument : BNA_M
ClientSampleId : G9DA4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

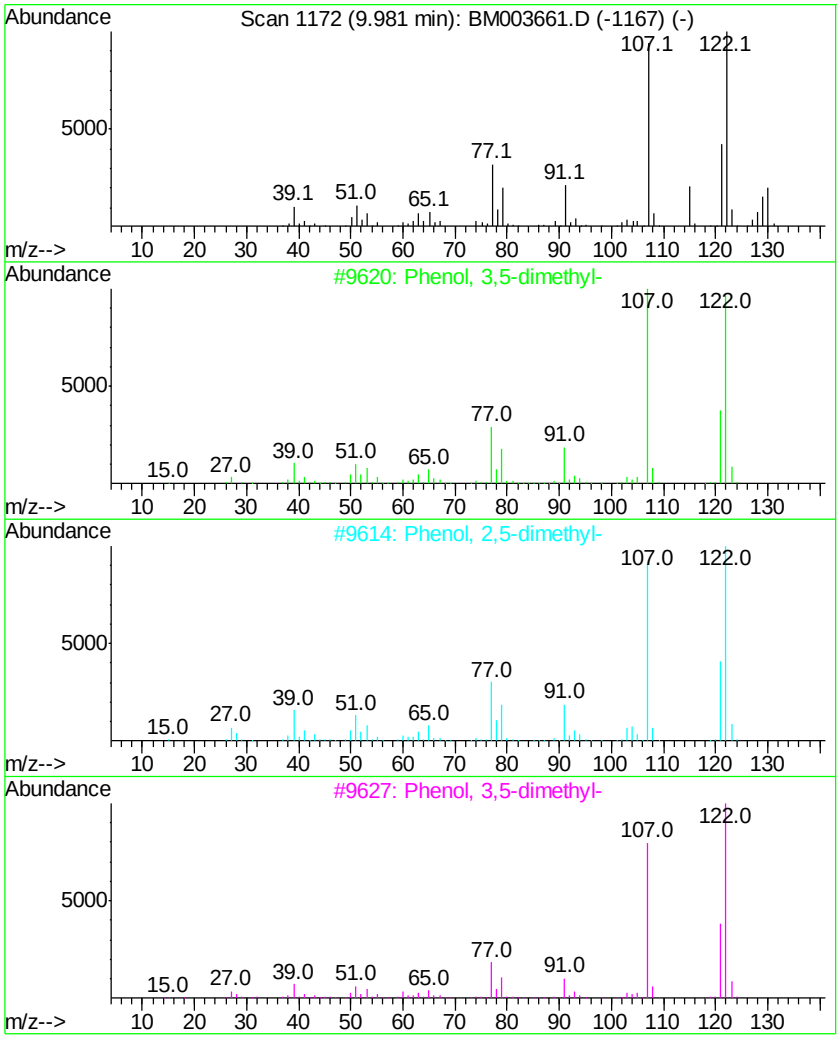
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

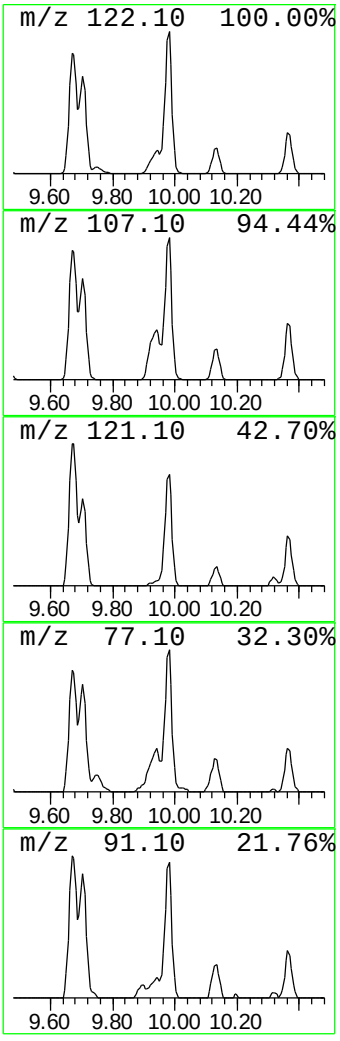
****

Peak Number 15 Phenol, 3,5-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.98	60.33 ng/ul	563237	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	95
2	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	89
3	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	76
4	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	76
5	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	76





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Operator : UM/SJ
Sample : G4867-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

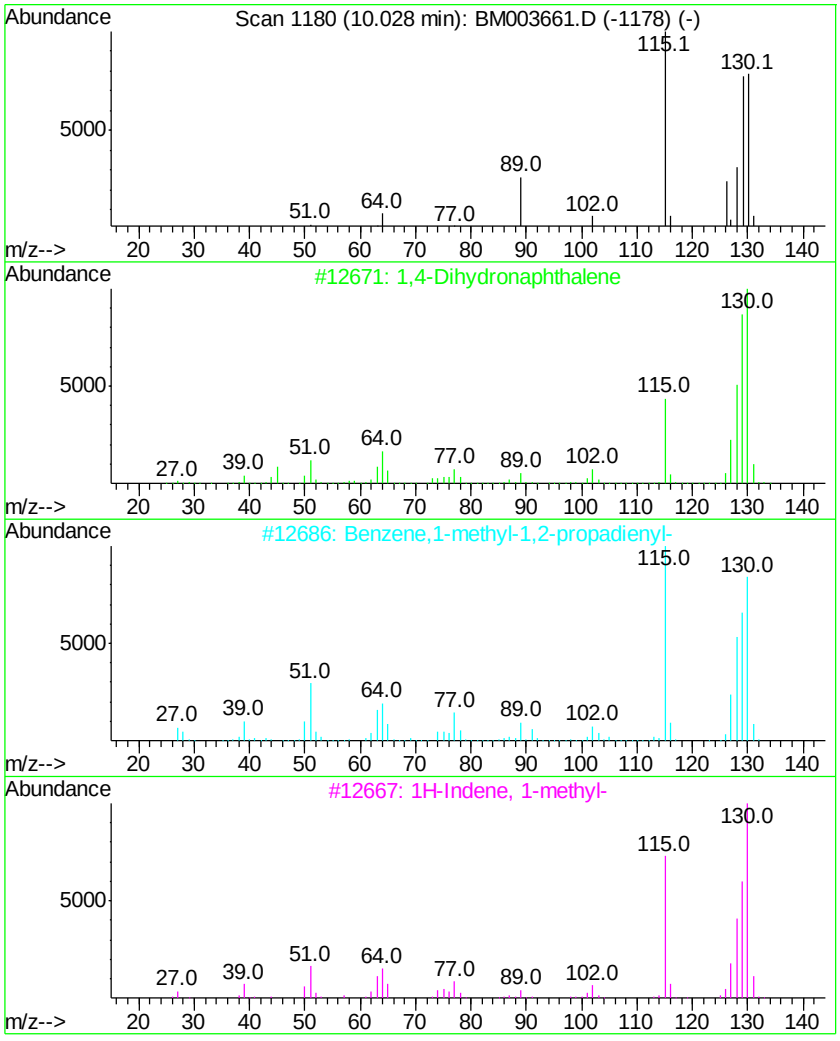
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

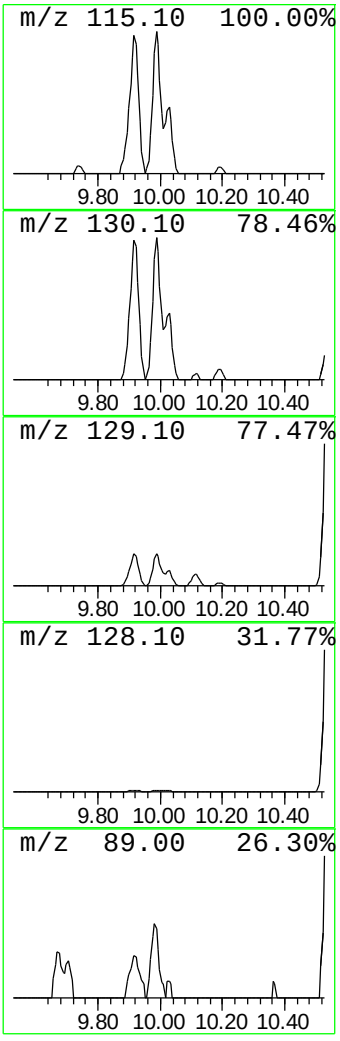
****

Peak Number 16 1,4-Dihydronaphthalene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	3.29 ng/ul	30739	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	53
2	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	53
3	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	53
4	Benzene, 1-butynyl-	130	C10H10	000622-76-4	53
5	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	50





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Operator : UM/SJ
Sample : G4867-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

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

****

Peak Number 17 Phenol, 3,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.36	15.22 ng/ul	142084	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	96
2	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	95
3	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	95
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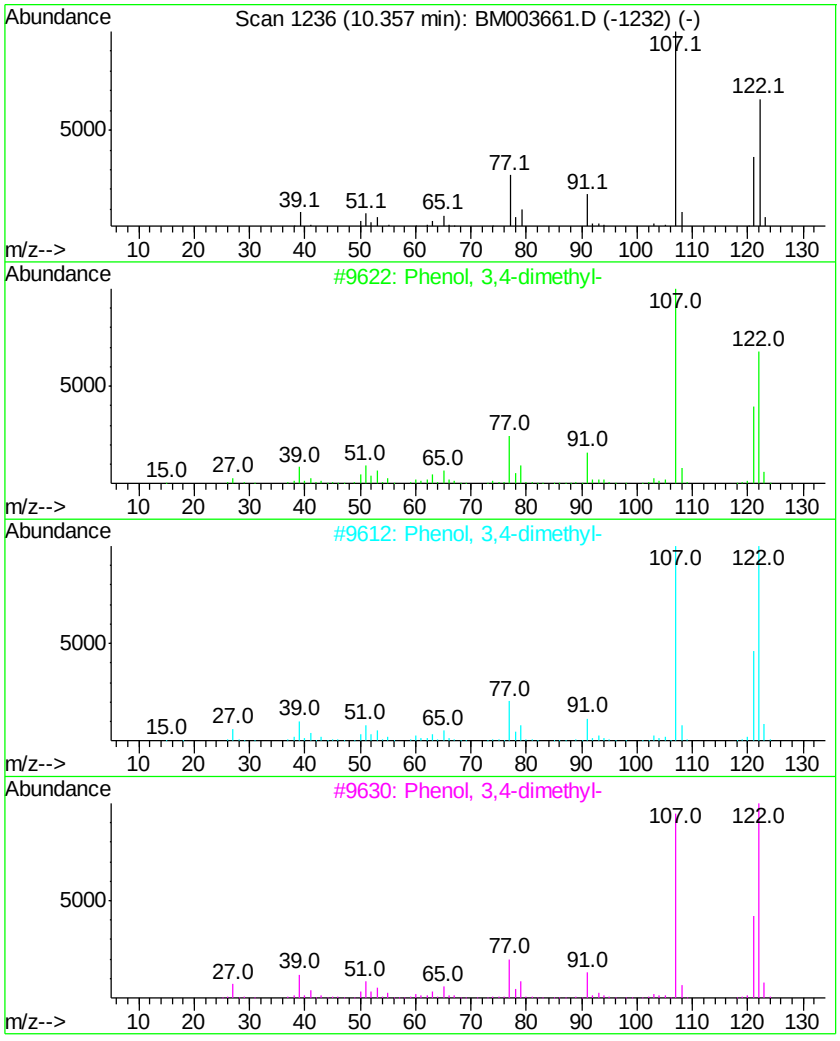

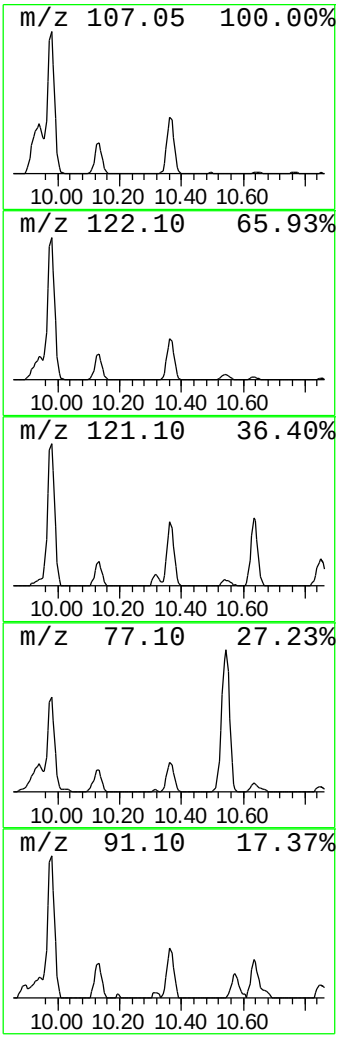

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Operator : UM/SJ
Sample : G4867-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

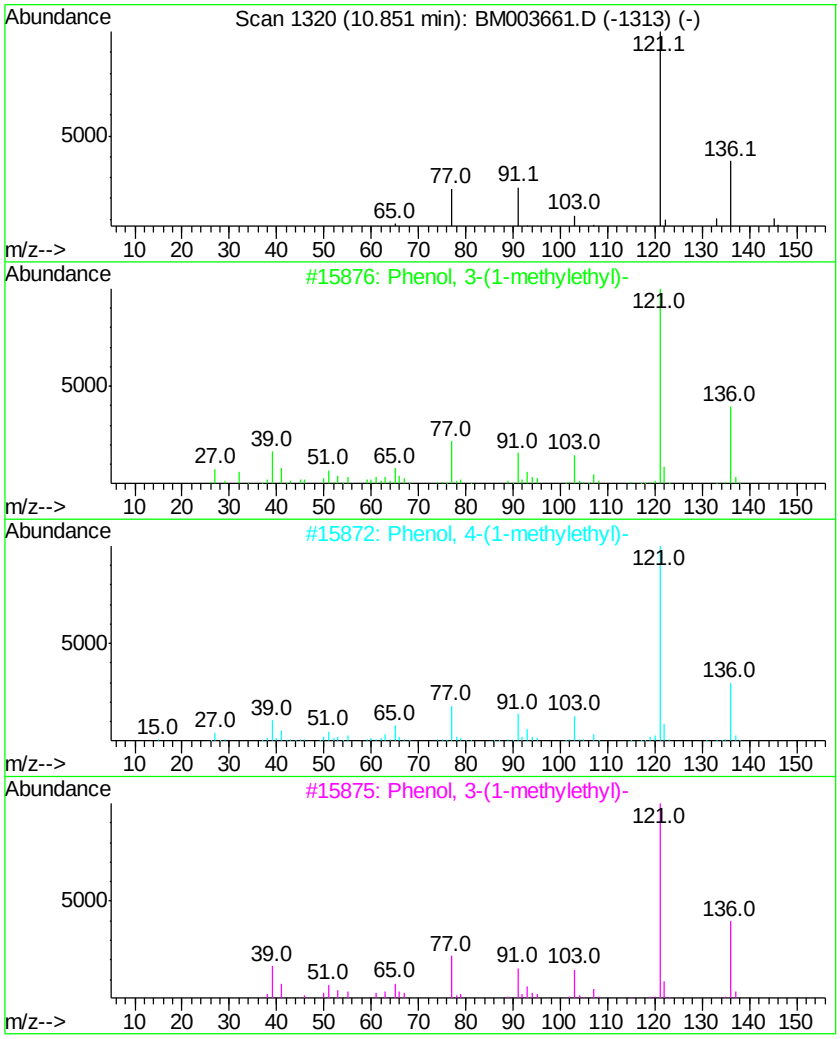
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

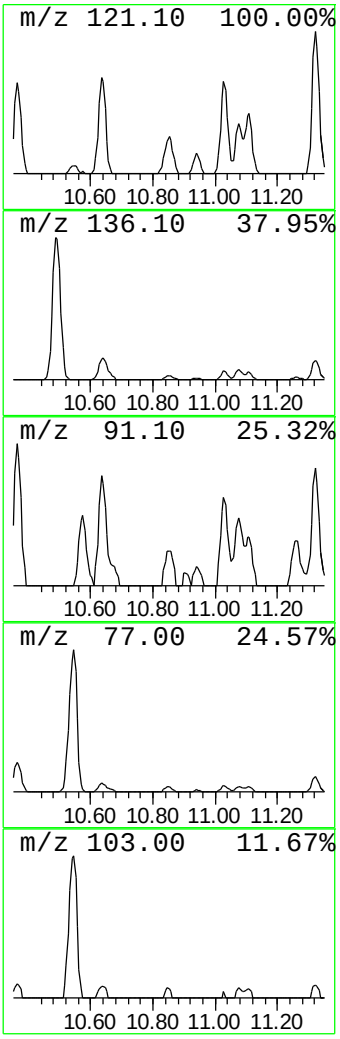
****

Peak Number 18 Phenol, 3-(1-methylethyl)- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	2.14 ng/ul	19997	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	80
2	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	80
3	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	80
4	Phenol, 2-(1-methylethyl)-, meth...	193	C11H15NO2	002631-40-5	72
5	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	72





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Sample : G4867-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA4

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Quant Title : SVOA CALIBRATION

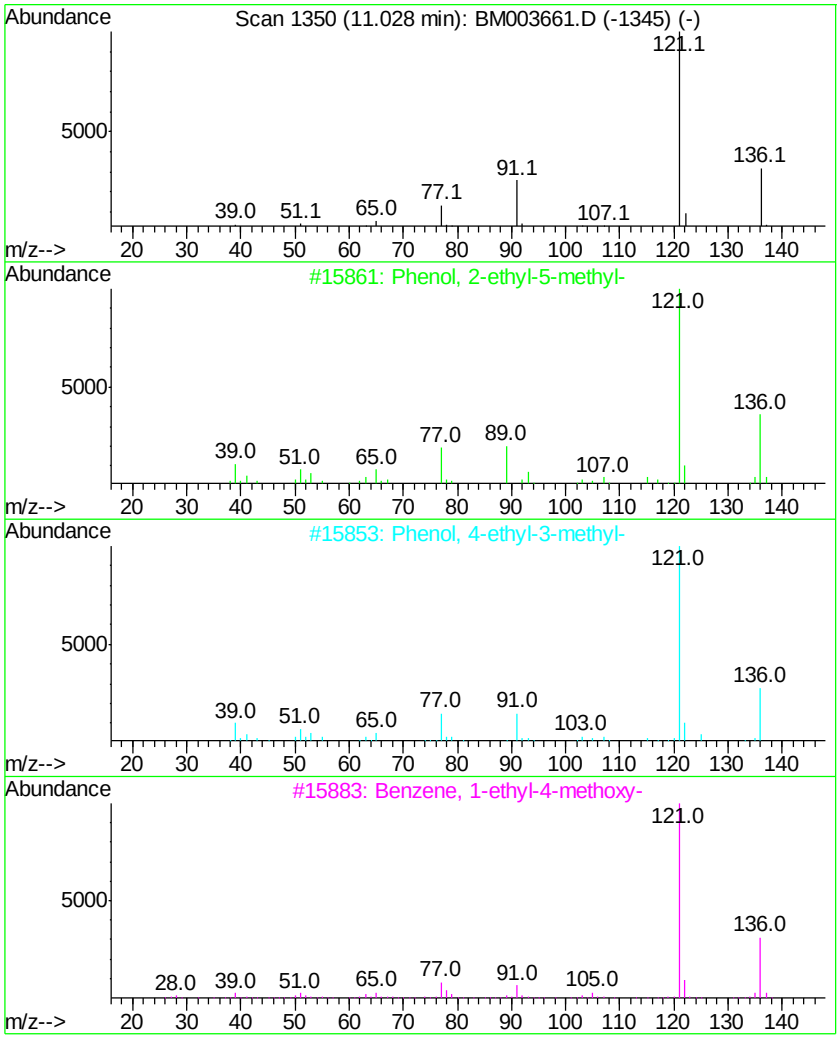
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

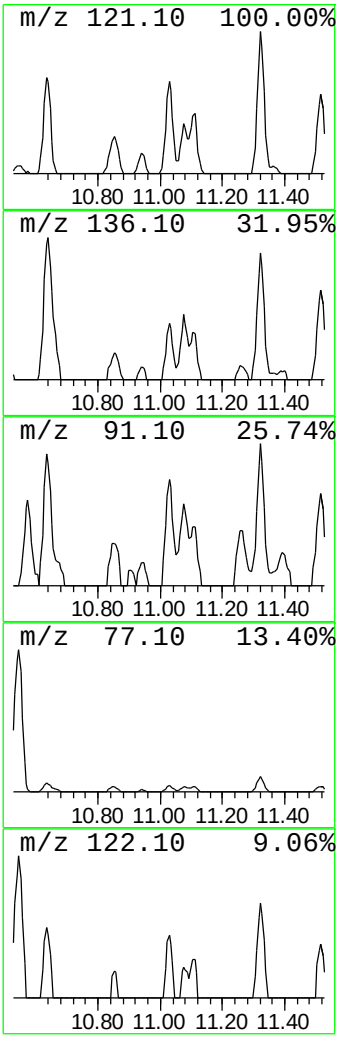
****

Peak Number 19 Phenol, 2-ethyl-5-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	3.82 ng/ul	35658	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	90
2	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	90
3	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	90
4	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	90
5	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	86





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Misc :
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Instrument : BNA_M
ClientSampleId : G9DA4

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Quant Title : SVOA CALIBRATION

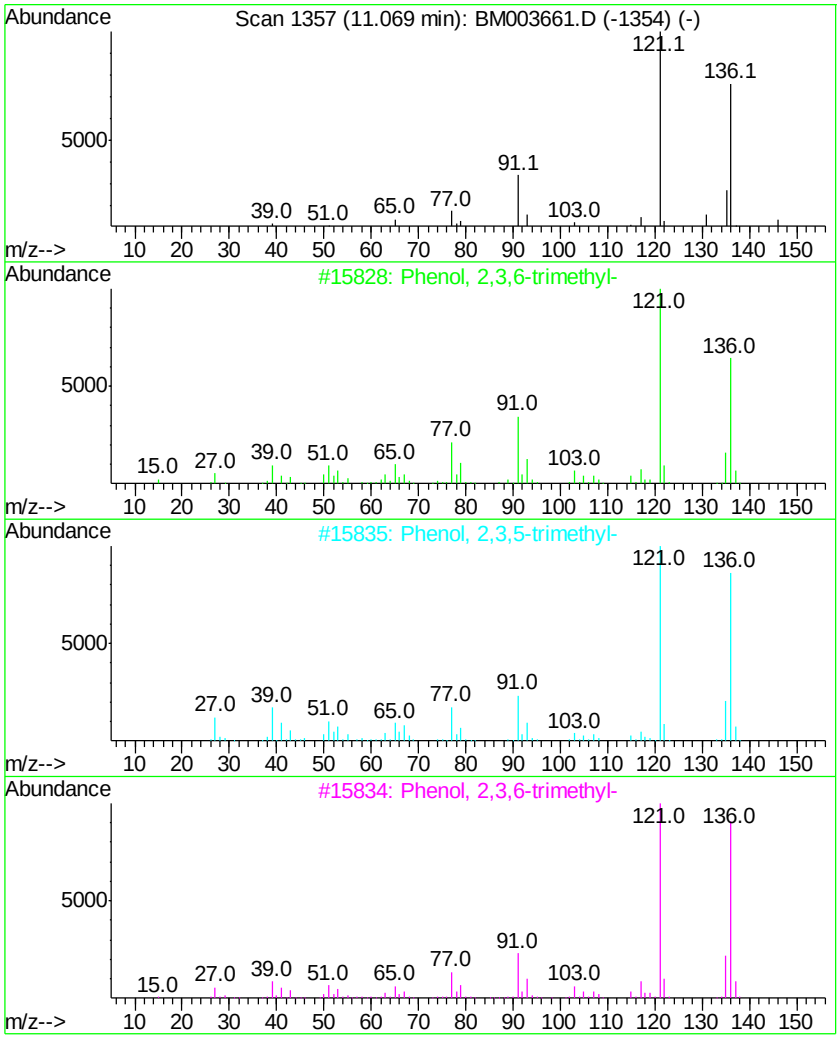
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

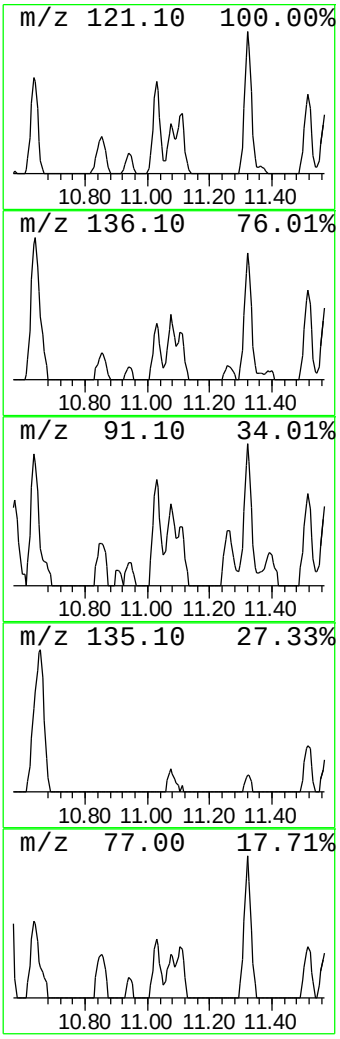
****

Peak Number 20 Phenol, 2,3,6-trimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	3.38 ng/ul	31583	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	90
2	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	87
3	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	87
4	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	87
5	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	83





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA4

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Quant Title : SVOA CALIBRATION

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

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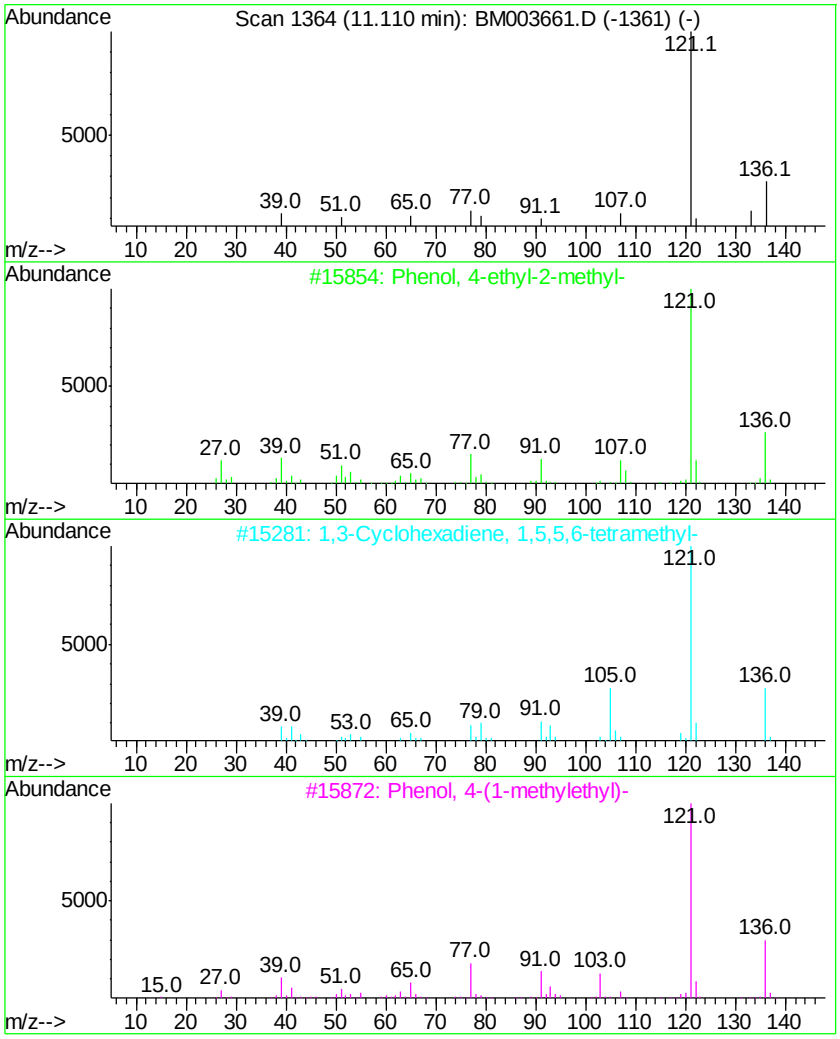
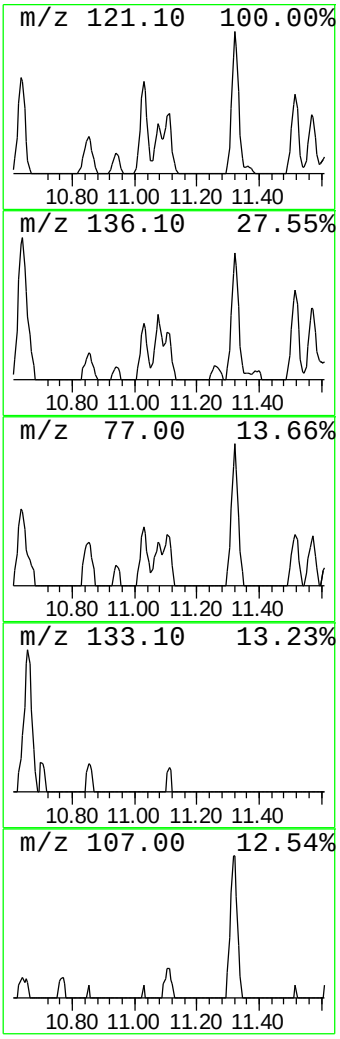
Peak Number 21 Phenol, 4-ethyl-2-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	2.41 ng/ul	22477	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-ethyl-2-methyl-	136	C9H12O	002219-73-0	80
2	1,3-Cyclohexadiene, 1,5,5,6-tetr...	136	C10H16	000514-94-3	72
3	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	64
4	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	64
5	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	64





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Sample : G4867-07
Misc :
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Instrument : BNA_M
ClientSampleId : G9DA4

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Quant Title : SVOA CALIBRATION

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

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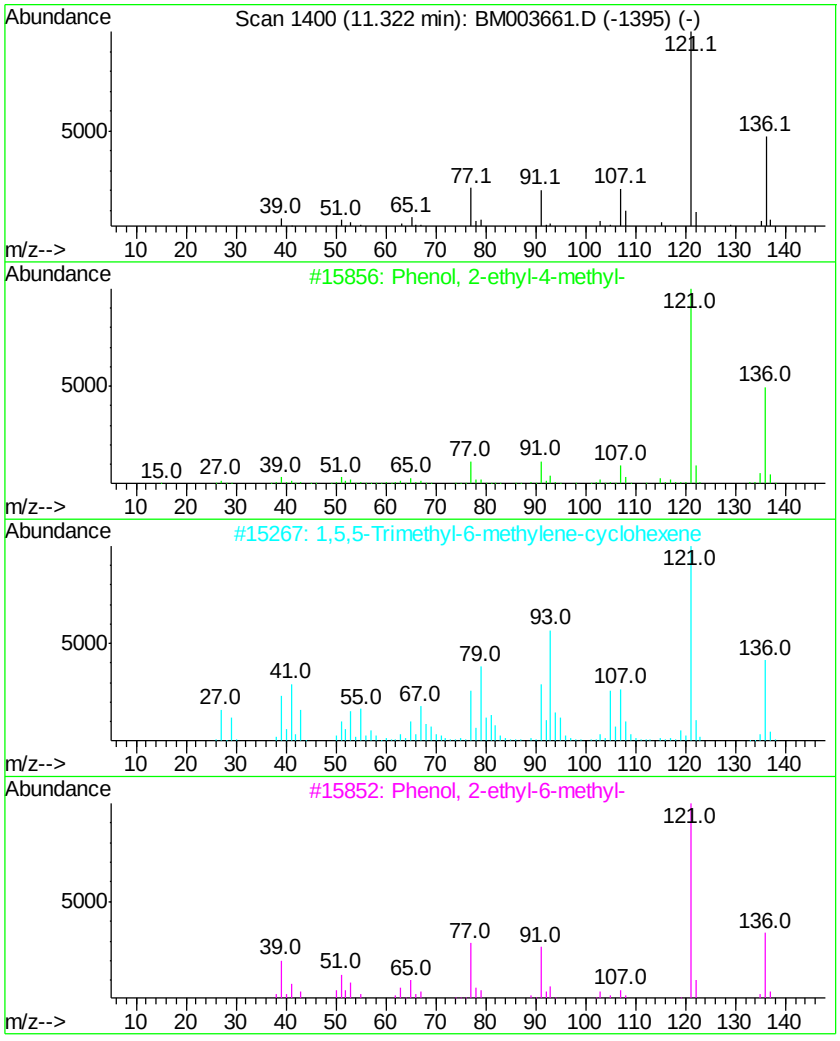
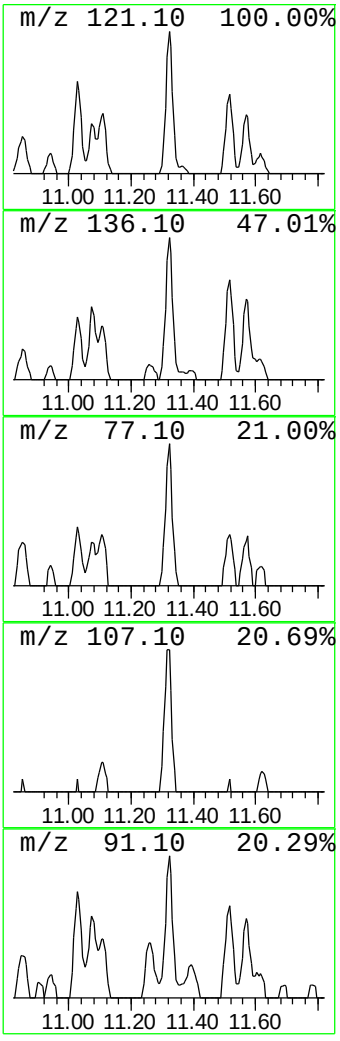
Peak Number 22 Phenol, 2-ethyl-4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	8.81 ng/ul	82245	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	87
2	1,5,5-Trimethyl-6-methylene-cycl...	136	C10H16	000514-95-4	86
3	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	83
4	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	80
5	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	80





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Quant Title : SVOA CALIBRATION

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

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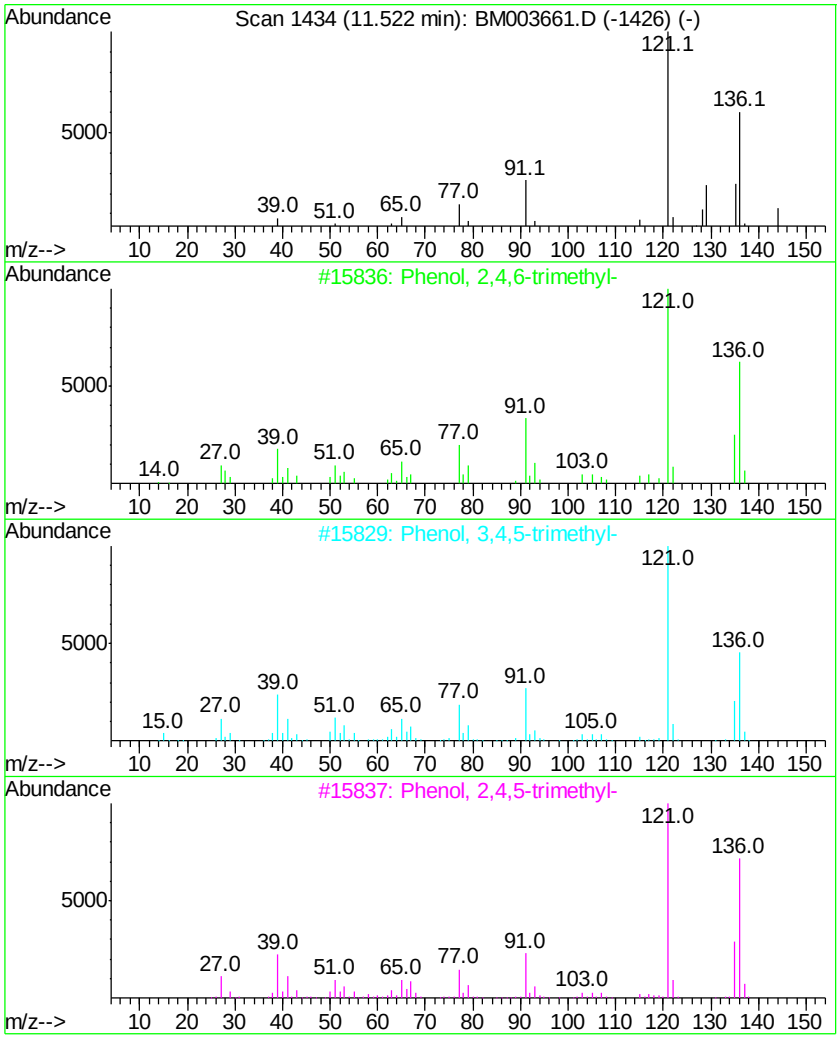
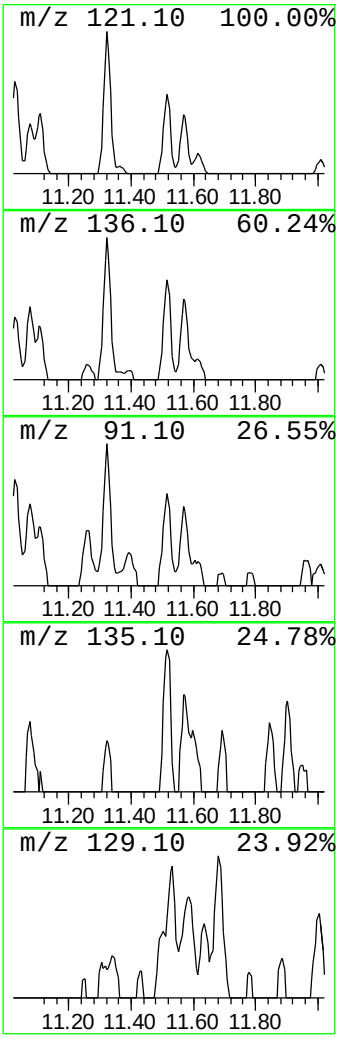
Peak Number 23 Phenol, 2,4,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.52	5.96 ng/ul	55658	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	90
2	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	90
3	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	86
4	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	86
5	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	83





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Misc :
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ClientSampleId : G9DA4

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Quant Title : SVOA CALIBRATION

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

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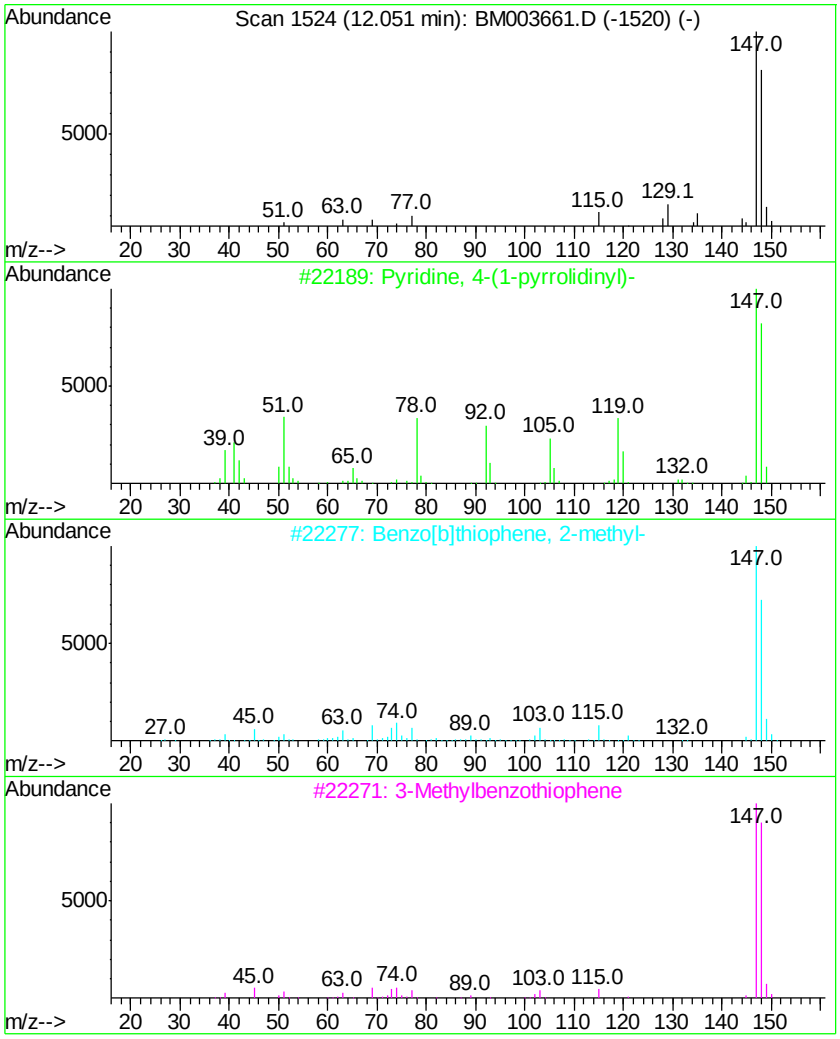
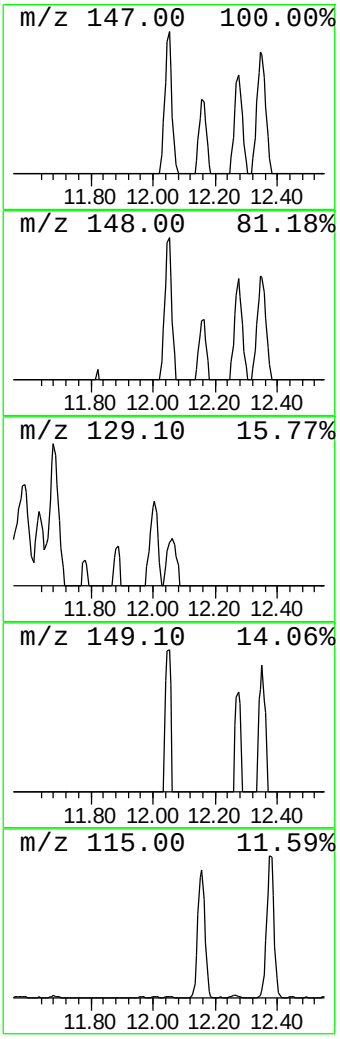
Peak Number 25 Pyridine, 4-(1-pyrrolidinyl)- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	2.84 ng/ul	26561	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 4-(1-pyrrolidinyl)-	148	C9H12N2	002456-81-7	72
2	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	64
3	3-Methylbenzothiophene	148	C9H8S	001455-18-1	64
4	3-Methylbenzothiophene	148	C9H8S	001455-18-1	64
5	Benzene, 1-ethynyl-2-(methylthio)-	148	C9H8S	078905-08-5	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003661.D
Acq On : 20 Dec 2015 19:04
Operator : UM/SJ
Sample : G4867-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

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

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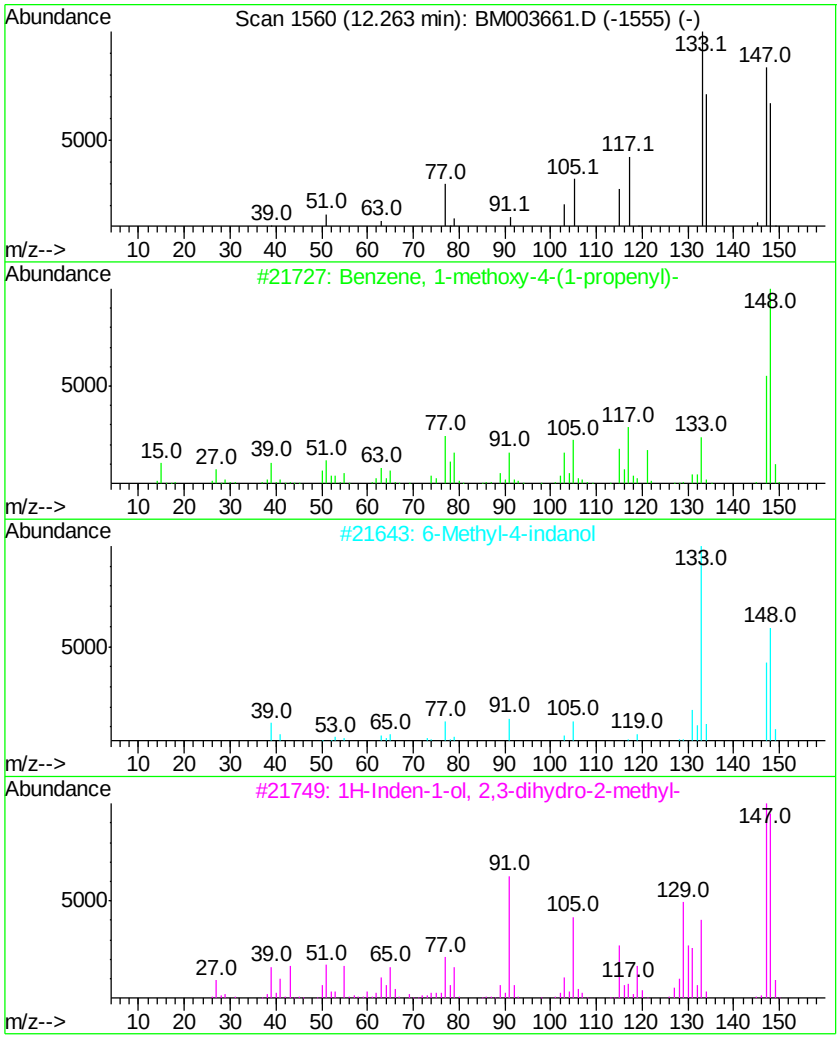
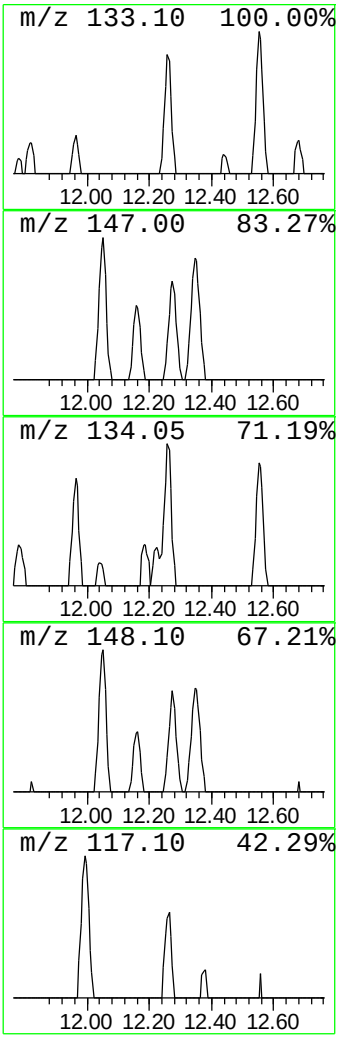
Peak Number 26 unknown-01 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	3.73 ng/ul	34866	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methoxy-4-(1-propenyl)-	148	C10H12O	000104-46-1	46
2	6-Methyl-4-indanol	148	C10H12O	020294-32-0	43
3	1H-Inden-1-ol, 2,3-dihydro-2-met...	148	C10H12O	017496-18-3	38
4	Benzene, 1-methoxy-4-(1-propenyl)-	148	C10H12O	000104-46-1	38
5	Ethanone, 1-(2,5-dimethylphenyl)-	148	C10H12O	002142-73-6	38





Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003661.D
Acq On : 20 Dec 2015 19:04
Operator : UM/SJ
Sample : G4867-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

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

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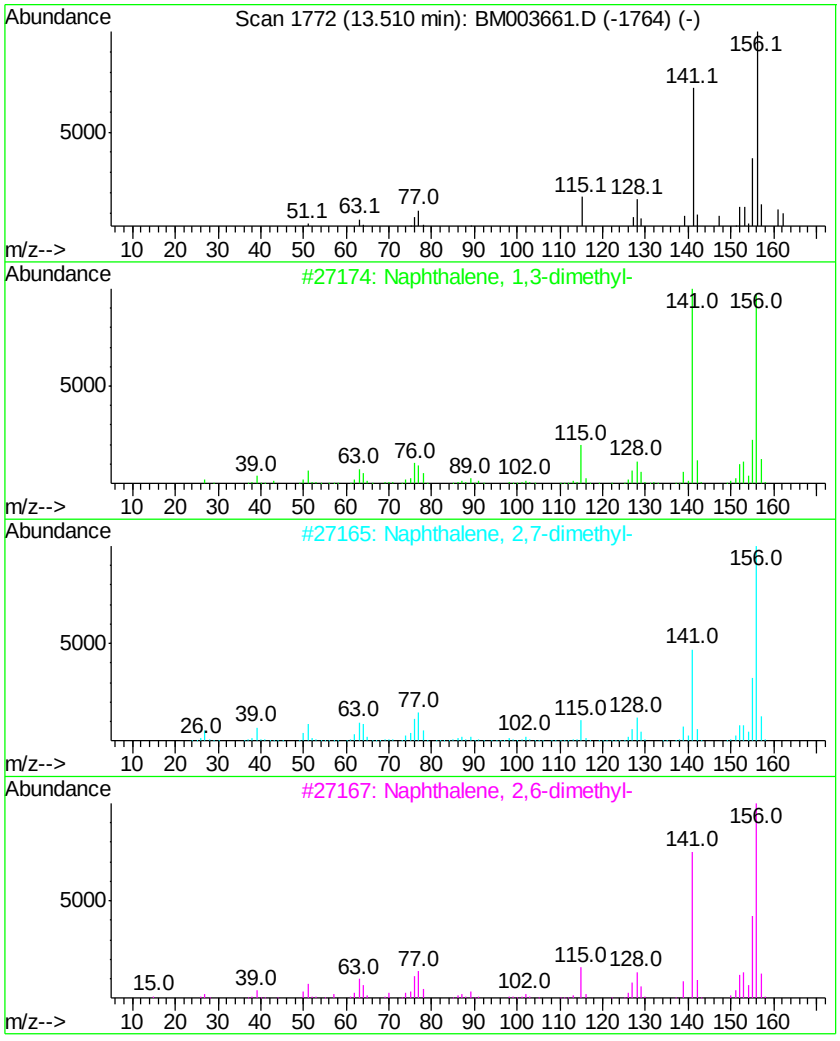
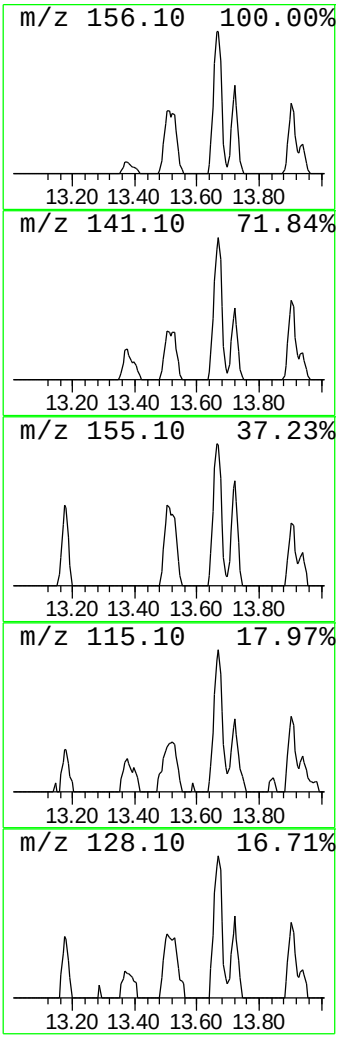
Peak Number 27 Naphthalene, 1,3-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.51	4.07 ng/ul	64213	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003661.D
Acq On : 20 Dec 2015 19:04
Operator : UM/SJ
Sample : G4867-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

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

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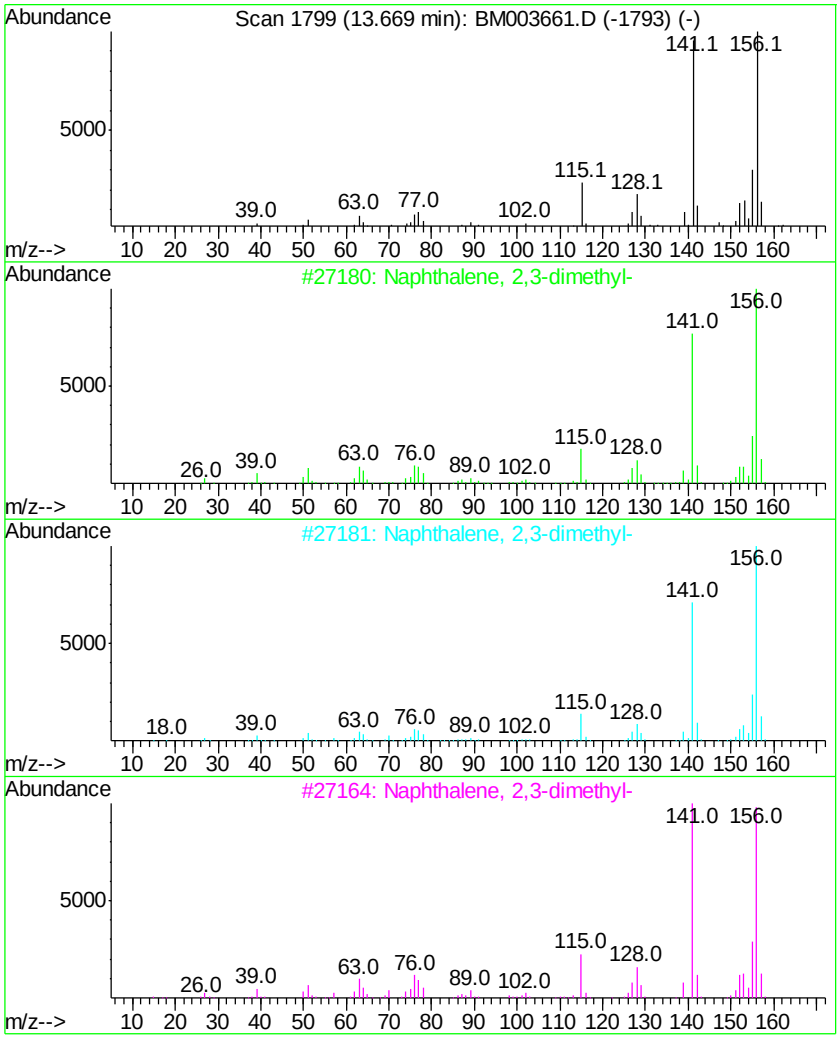
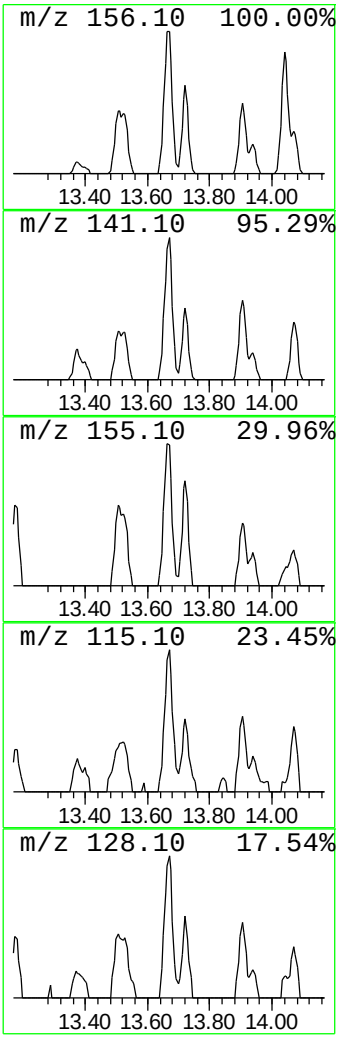
Peak Number 28 Naphthalene, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	9.83 ng/ul	154992	Acenaphthene-d10	14.35

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, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003661.D
Acq On : 20 Dec 2015 19:04
Operator : UM/SJ
Sample : G4867-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

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

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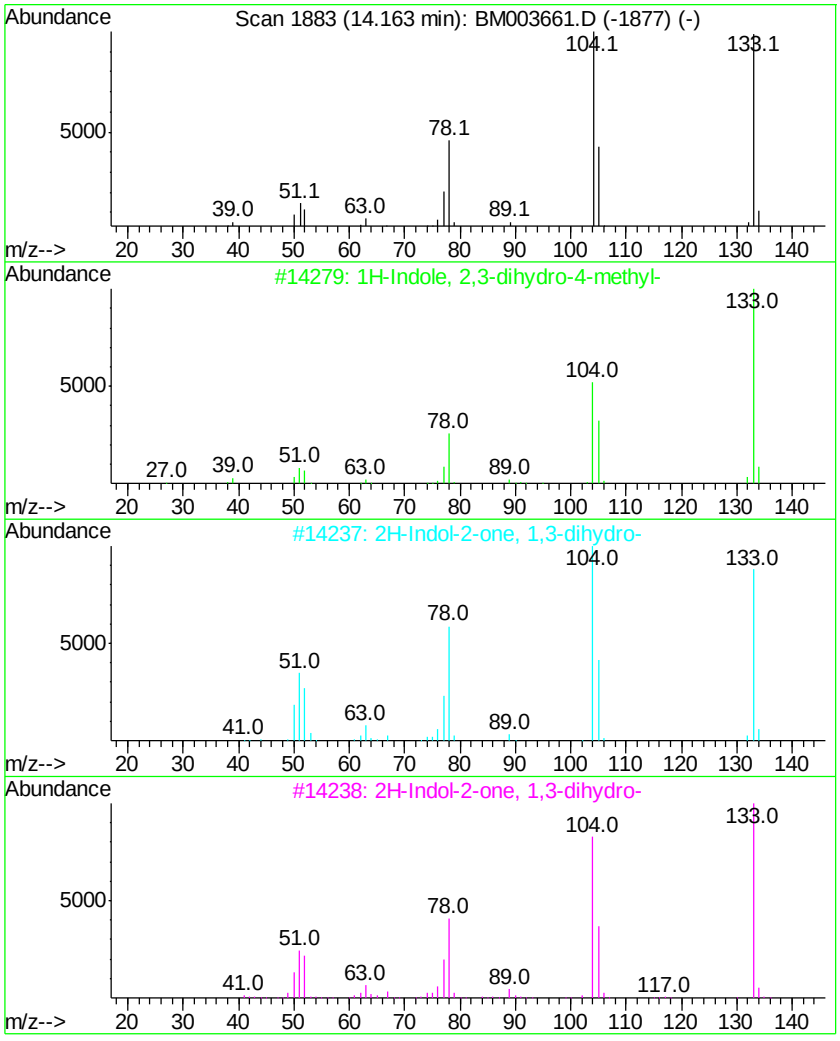
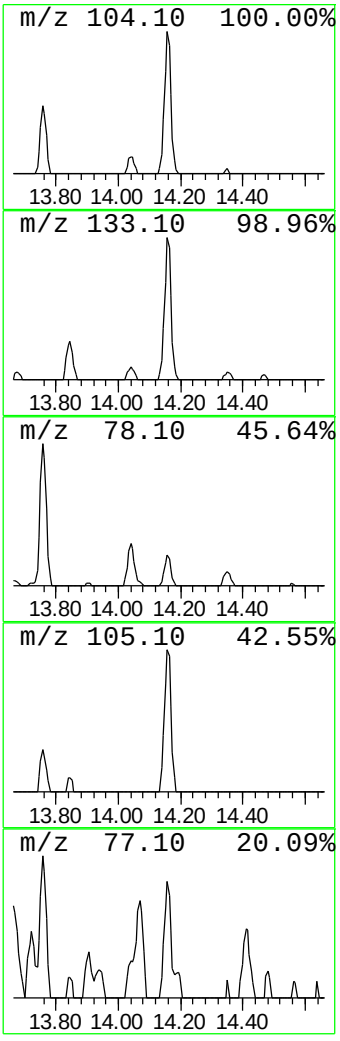
Peak Number 30 1H-Indole, 2,3-dihydro-4-me... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	4.13 ng/ul	65150	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indole, 2,3-dihydro-4-methyl-	133	C9H11N	062108-16-1	94
2	2H-Indol-2-one, 1,3-dihydro-	133	C8H7NO	000059-48-3	91
3	2H-Indol-2-one, 1,3-dihydro-	133	C8H7NO	000059-48-3	91
4	Benzene, 1-isocyanato-3-methyl-	133	C8H7NO	000621-29-4	91
5	2H-Indol-2-one, 1,3-dihydro-	133	C8H7NO	000059-48-3	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122015\
Data File : BM003661.D
Acq On : 20 Dec 2015 19:04
Operator : UM/SJ
Sample : G4867-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.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
Indane	8.07	5.2	ng/ul	29531	1	7.70	113358	20.0
Indene	8.23	107.8	ng/ul	611075	1	7.70	113358	20.0
Benzofuran, 7-met...	9.05	6.5	ng/ul	36864	1	7.70	113358	20.0
Phenol, 2,6-dimet...	9.12	14.3	ng/ul	133588	2	10.49	186734	20.0
Benzofuran, 2-met...	9.23	2.5	ng/ul	23482	2	10.49	186734	20.0
Octanediamide, N,...	9.75	2.5	ng/ul	23577	2	10.49	186734	20.0
1H-Indene, 1-methyl-	9.92	28.9	ng/ul	270156	2	10.49	186734	20.0
Phenol, 3,5-dimet...	9.98	60.3	ng/ul	563237	2	10.49	186734	20.0
1,4-Dihydronaphth...	10.03	3.3	ng/ul	30739	2	10.49	186734	20.0
Phenol, 3,4-dimet...	10.36	15.2	ng/ul	142084	2	10.49	186734	20.0
Phenol, 3-(1-meth...	10.85	2.1	ng/ul	19997	2	10.49	186734	20.0
Phenol, 2-ethyl-5...	11.03	3.8	ng/ul	35658	2	10.49	186734	20.0
Phenol, 2,3,6-tri...	11.07	3.4	ng/ul	31583	2	10.49	186734	20.0
Phenol, 4-ethyl-2...	11.11	2.4	ng/ul	22477	2	10.49	186734	20.0
Phenol, 2-ethyl-4...	11.32	8.8	ng/ul	82245	2	10.49	186734	20.0
Phenol, 2,4,6-tri...	11.52	6.0	ng/ul	55658	2	10.49	186734	20.0
Pyridine, 4-(1-py...	12.05	2.8	ng/ul	26561	2	10.49	186734	20.0
unknown-01	12.26	3.7	ng/ul	34866	2	10.49	186734	20.0
Naphthalene, 1,3-...	13.51	4.1	ng/ul	64213	3	14.35	315458	20.0
Naphthalene, 2,3-...	13.67	9.8	ng/ul	154992	3	14.35	315458	20.0
1H-Indole, 2,3-di...	14.16	4.1	ng/ul	65150	3	14.35	315458	20.0