LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
Data File : BM008363.D
Acq On : 16 Dec 2016 03:15
Operator : UM/SJ
Sample : H6039-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8S1

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-2016\SOM02.2-EPA-BM121416.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	5.340	460	468	482	rBV	326699	816163	20.29%	0.639%
2	6.328	630	636	643	rVV2	160540	273398	6.80%	0.214%
3	7.010	746	752	756	rBV	434374	681898	16.96%	0.534%
4	7.204	781	785	793	rVV	456975	815435	20.28%	0.639%
5	7.310	797	803	812	rVB	321779	606606	15.08%	0.475%
6	7.492	827	834	840	rVB3	271967	494916	12.31%	0.388%
7	7.663	854	863	871	rBV	577220	1083397	26.94%	0.849%
8	7.769	872	881	887	rVB	165402	364367	9.06%	0.285%
9	7.969	908	915	920	rBV2	389863	931575	23.16%	0.730%
10	8.028	920	925	928	rBV	241996	395128	9.83%	0.310%
11	8.128	938	942	948	rVB3	168424	297828	7.41%	0.233%
12	8.192	948	953	959	rVB2	214098	347819	8.65%	0.272%
13	8.316	961	974	981	rBV2	597329	1141800	28.39%	0.895%
14	8.386	981	986	992	rVB2	368695	599359	14.90%	0.470%
15	8.451	992	997	1003	rBV2	266110	478114	11.89%	0.375%
16	8.628	1015	1027	1032	rBV4	325921	744197	18.50%	0.583%
17	8.728	1040	1044	1048	rBV3	228461	386487	9.61%	0.303%
18	8.775	1048	1052	1056	rVB	335568	474719	11.80%	0.372%
19	8.828	1056	1061	1073	rVB	750414	1307861	32.52%	1.025%
20	8.945	1073	1081	1084	rBV3	242015	504999	12.56%	0.396%
21	9.004	1084	1091	1099	rVB5	309001	915388	22.76%	0.717%
22	9.081	1099	1104	1108	rBV	1044955	1818020	45.21%	1.424%
23	9.186	1117	1122	1133	rVB	1148692	2228344	55.41%	1.746%
24	9.433	1158	1164	1174	rVB2	407293	676800	16.83%	0.530%
25	9.539	1176	1182	1193	rBV4	608058	1666802	41.45%	1.306%
26	9.633	1193	1198	1205	rBV2	840183	1932996	48.07%	1.514%
27	9.745	1213	1217	1223	rVB	481448	747323	18.58%	0.585%
28	9.833	1223	1232	1238	rBV8	187284	613543	15.26%	0.481%
29	9.910	1239	1245	1247	rVV2	431830	785226	19.53%	0.615%
30	9.945	1247	1251	1261	rVB2	1012289	1886171	46.90%	1.478%
31	10.086	1268	1275	1282	rBV4	971501	2232950	55.52%	1.749%
32	10.275	1301	1307	1314	rBV	692103	1699976	42.27%	1.332%
33	10.339	1314	1318	1323	rVV4	627800	1241344	30.87%	0.972%
34	10.439	1323	1335	1339	rVV2	714004	1980650	49.25%	1.552%

LSC Area Percent Report

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Acq On : 16 Dec 2016 03:15
Operator : UM/SJ
Sample : H6039-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8S1

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-2016\SOM02.2-EPA-BM121416.M
Title : SVOA CALIBRATION

35	10.492	1339	1344	1350	rVV	684691	1522882	37.87%	1.193%
36	10.539	1350	1352	1356	rVV4	225271	338915	8.43%	0.266%
37	10.592	1356	1361	1372	rVV	2171197	4021624	100.00%	3.151%
38	10.680	1372	1376	1380	rVV	707971	1303426	32.41%	1.021%
39	10.722	1381	1383	1392	rVB2	549742	865322	21.52%	0.678%
40	10.810	1392	1398	1401	rBV3	1372507	2371280	58.96%	1.858%
41	10.851	1401	1405	1411	rVV	1662922	2888179	71.82%	2.263%
42	10.910	1411	1415	1422	rVV3	531341	933873	23.22%	0.732%
43	10.986	1422	1428	1432	rVV	1268829	2126230	52.87%	1.666%
44	11.033	1432	1436	1447	rVV3	1029361	1802380	44.82%	1.412%
45	11.210	1457	1466	1471	rBV5	329386	799428	19.88%	0.626%
46	11.286	1472	1479	1483	rBV	2170043	3630049	90.26%	2.844%
47	11.322	1483	1485	1492	rVB4	457967	785565	19.53%	0.615%
48	11.475	1504	1511	1515	rBV2	1174311	2141504	53.25%	1.678%
49	11.527	1516	1520	1525	rVV2	1122066	2162604	53.77%	1.694%
50	11.575	1525	1528	1536	rVV3	610918	1495503	37.19%	1.172%
51	11.651	1536	1541	1546	rVB2	965721	1621037	40.31%	1.270%
52	11.775	1558	1562	1566	rVB3	237405	325844	8.10%	0.255%
53	11.857	1571	1576	1582	rVB	1557770	2419424	60.16%	1.895%
54	11.992	1582	1599	1602	rBV4	577428	1839894	45.75%	1.441%
55	12.063	1608	1611	1614	rBV3	246460	367857	9.15%	0.288%
56	12.104	1614	1618	1623	rVB3	507003	869775	21.63%	0.681%
57	12.163	1623	1628	1640	rBV6	1374902	3994576	99.33%	3.129%
58	12.263	1640	1645	1648	rVV	873379	1677007	41.70%	1.314%
59	12.327	1652	1656	1663	rVB3	816575	1810762	45.03%	1.419%
60	12.451	1670	1677	1681	rBV2	831639	1551652	38.58%	1.216%
61	12.498	1681	1685	1693	rBV4	1417146	2980153	74.10%	2.335%
62	12.563	1693	1696	1700	rVB2	395859	533645	13.27%	0.418%
63	12.645	1705	1710	1714	rBV3	528656	967051	24.05%	0.758%
64	12.716	1716	1722	1728	rVB5	912474	1877504	46.69%	1.471%
65	12.769	1728	1731	1735	rBV3	338502	485766	12.08%	0.381%
66	12.804	1735	1737	1747	rVB4	427952	894852	22.25%	0.701%
67	12.892	1748	1752	1762	rVB6	242627	628222	15.62%	0.492%
68	12.980	1762	1767	1770	rBV	617700	1021574	25.40%	0.800%
69	13.180	1797	1801	1809	rVB6	230492	393977	9.80%	0.309%
70	13.292	1816	1820	1824	rVB4	364224	571676	14.22%	0.448%
71	13.451	1843	1847	1850	rBV3	640090	1060402	26.37%	0.831%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H6039-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8S1

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

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Title : SVOA CALIBRATION

72	13.486	1850	1853	1860	rVB4	699019	1434257	35.66%	1.124%
73	13.580	1866	1869	1872	rBV2	265902	349910	8.70%	0.274%
74	13.686	1882	1887	1890	rBV5	480077	824653	20.51%	0.646%
75	13.727	1890	1894	1900	rVB	1416144	2119232	52.70%	1.660%
76	13.810	1903	1908	1913	rBV3	656049	1162357	28.90%	0.911%
77	13.892	1919	1922	1927	rVB2	425708	570673	14.19%	0.447%
78	13.998	1935	1940	1949	rBV	1501497	2679724	66.63%	2.099%
79	14.198	1967	1974	1980	rBV7	267817	858795	21.35%	0.673%
80	14.304	1988	1992	1997	rVB	994358	1391793	34.61%	1.090%
81	14.357	1997	2001	2005	rBV3	291398	457576	11.38%	0.358%
82	14.404	2005	2009	2019	rVB	546695	1041616	25.90%	0.816%
83	14.492	2020	2024	2025	rBV2	208497	264368	6.57%	0.207%
84	14.698	2055	2059	2065	rVB3	510527	791392	19.68%	0.620%
85	14.786	2071	2074	2081	rVB5	216044	304894	7.58%	0.239%
86	14.851	2082	2085	2092	rBV2	205037	376246	9.36%	0.295%
87	14.980	2104	2107	2117	rVB4	242658	481166	11.96%	0.377%
88	15.074	2119	2123	2126	rBV2	274926	397203	9.88%	0.311%
89	15.304	2157	2162	2167	rBV	1941274	2764431	68.74%	2.166%
90	15.351	2167	2170	2174	rVB3	267464	401761	9.99%	0.315%
91	15.457	2184	2188	2195	rVB2	504000	863149	21.46%	0.676%
92	15.568	2204	2207	2214	rVB4	239910	326191	8.11%	0.256%
93	15.757	2235	2239	2243	rBV	225692	361484	8.99%	0.283%
94	15.798	2243	2246	2252	rVB5	171275	273572	6.80%	0.214%
95	17.057	2455	2460	2466	rVB2	1215782	1775925	44.16%	1.391%
96	17.157	2471	2477	2485	rVB2	2083723	3025742	75.24%	2.370%
97	19.462	2863	2869	2878	rBV	2528247	3606831	89.69%	2.826%
98	21.256	3169	3174	3180	rBV	1821536	2334502	58.05%	1.829%
99	23.344	3522	3529	3542	rVB2	1999920	3857739	95.92%	3.022%
100	23.485	3547	3553	3566	rVB	1159127	2295260	57.07%	1.798%

Sum of corrected areas: 127645455

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ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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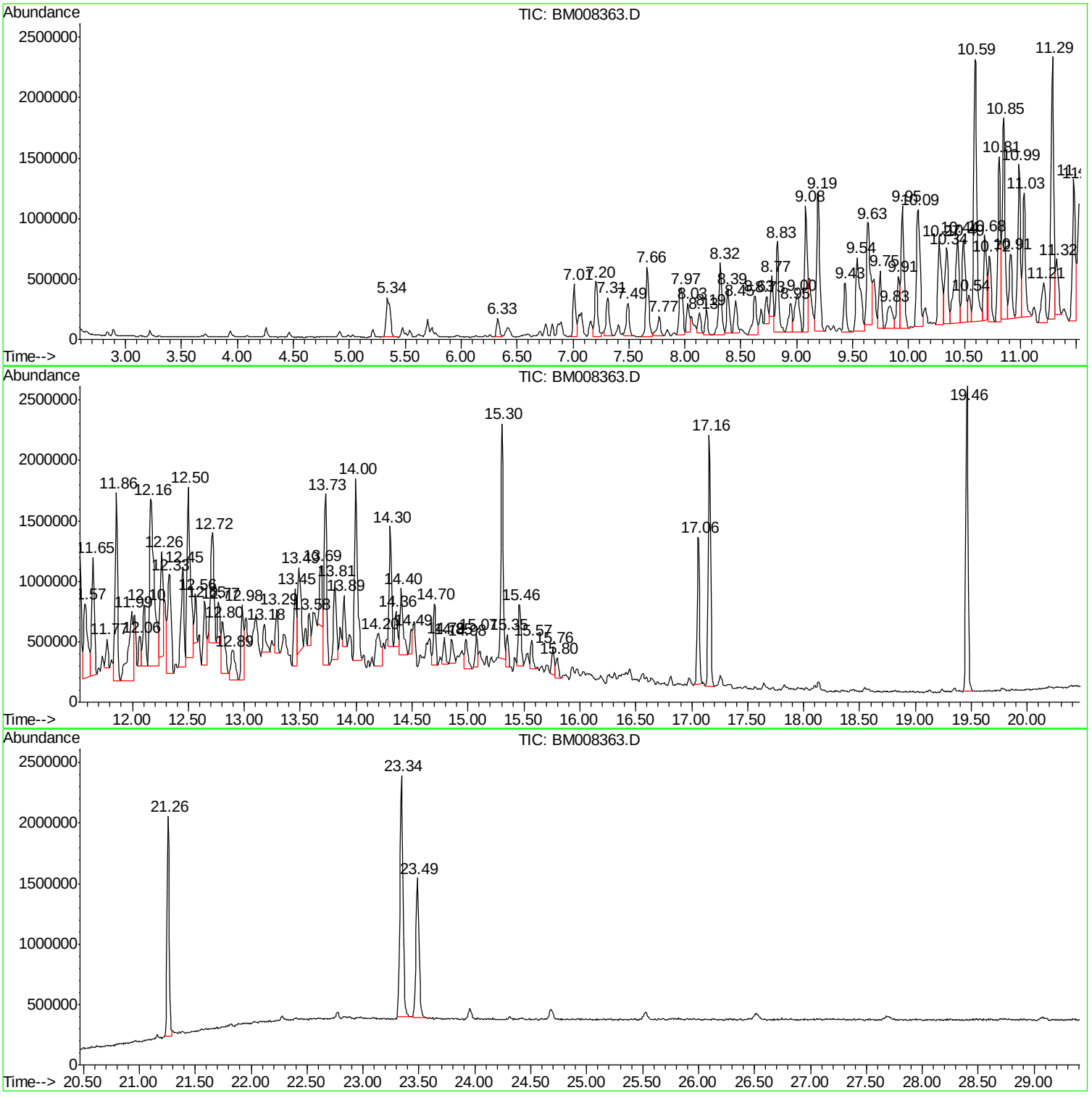
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

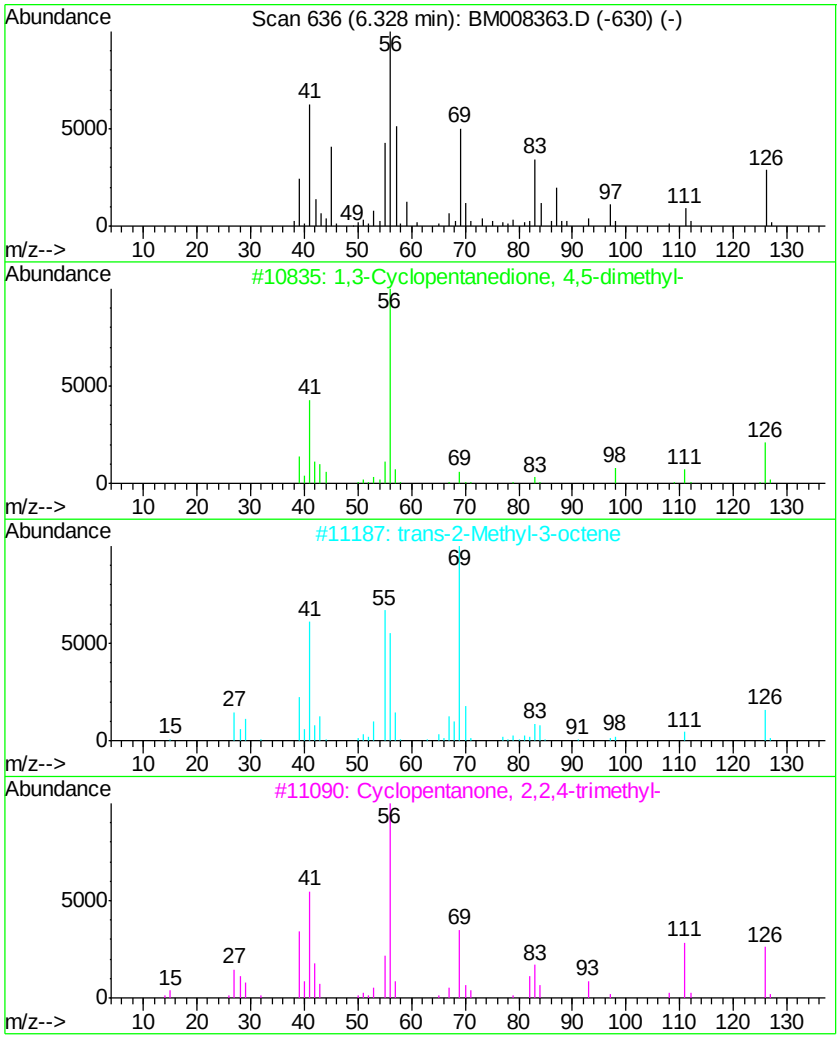
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

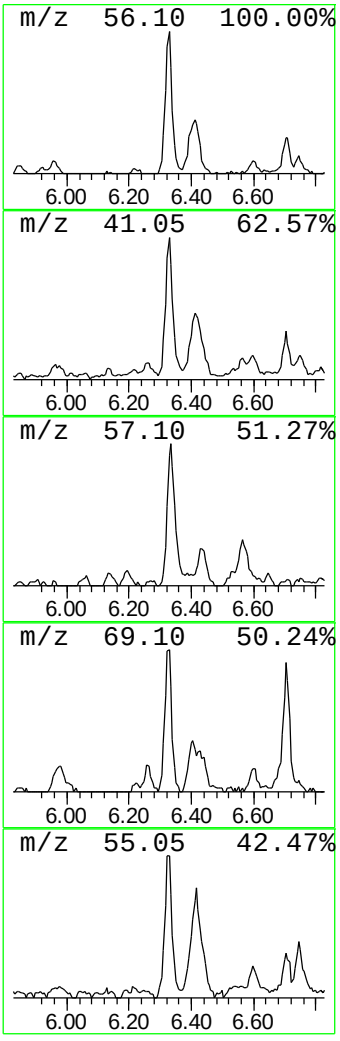
****

Peak Number 2 unknown-01 Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	5.05 ng/ul	273398	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 4,5-dimet...	126	C7H10O2	035029-05-1	43
2	trans-2-Methyl-3-octene	126	C9H18	052937-36-7	43
3	Cyclopentanone, 2,2,4-trimethyl-	126	C8H14O	028056-54-4	43
4	1-Octene, 2-methyl-	126	C9H18	004588-18-5	38
5	1,3-Cyclopentanedione, 4,4-dimet...	126	C7H10O2	004683-51-6	38





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Operator : UM/SJ
Sample : H6039-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8S1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

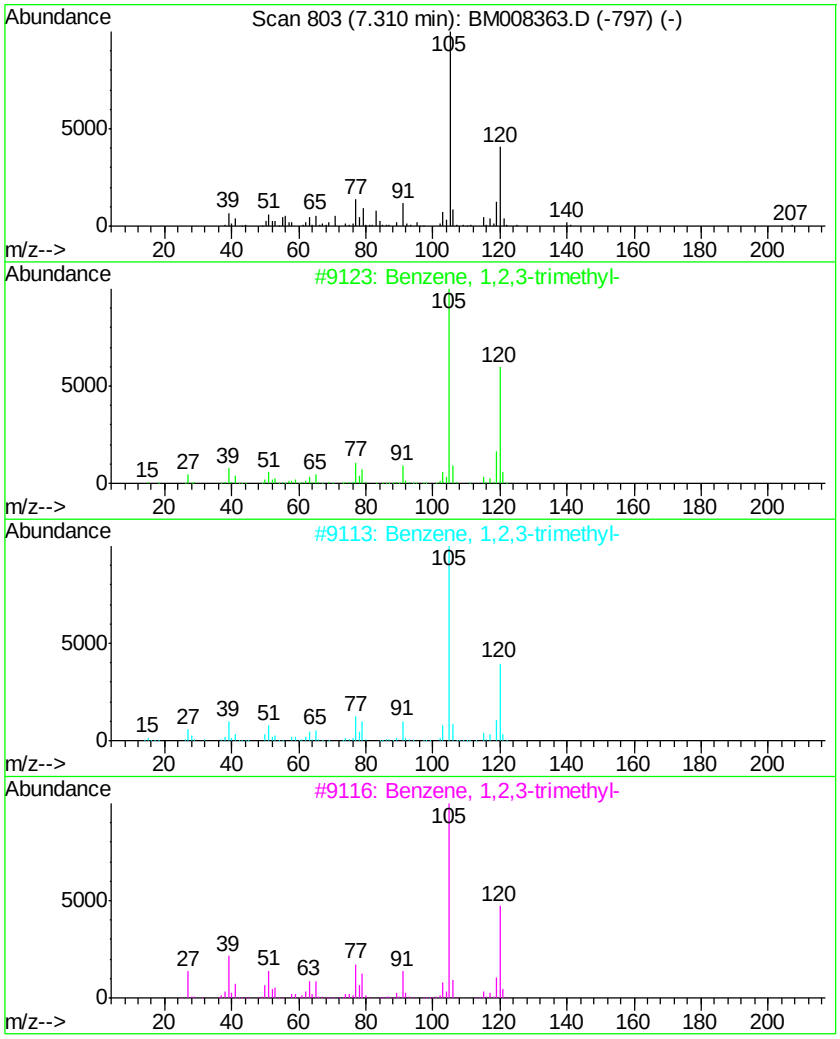
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

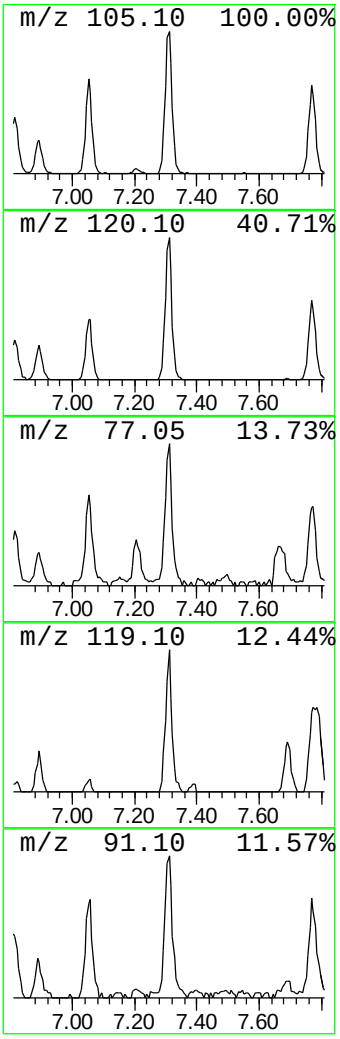
****

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.31	11.20 ng/ul	606606	1,4-Dichlorobenzene-d4	7.66

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	97
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93





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Instrument : BNA_M
ClientSampleId : DA8S1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

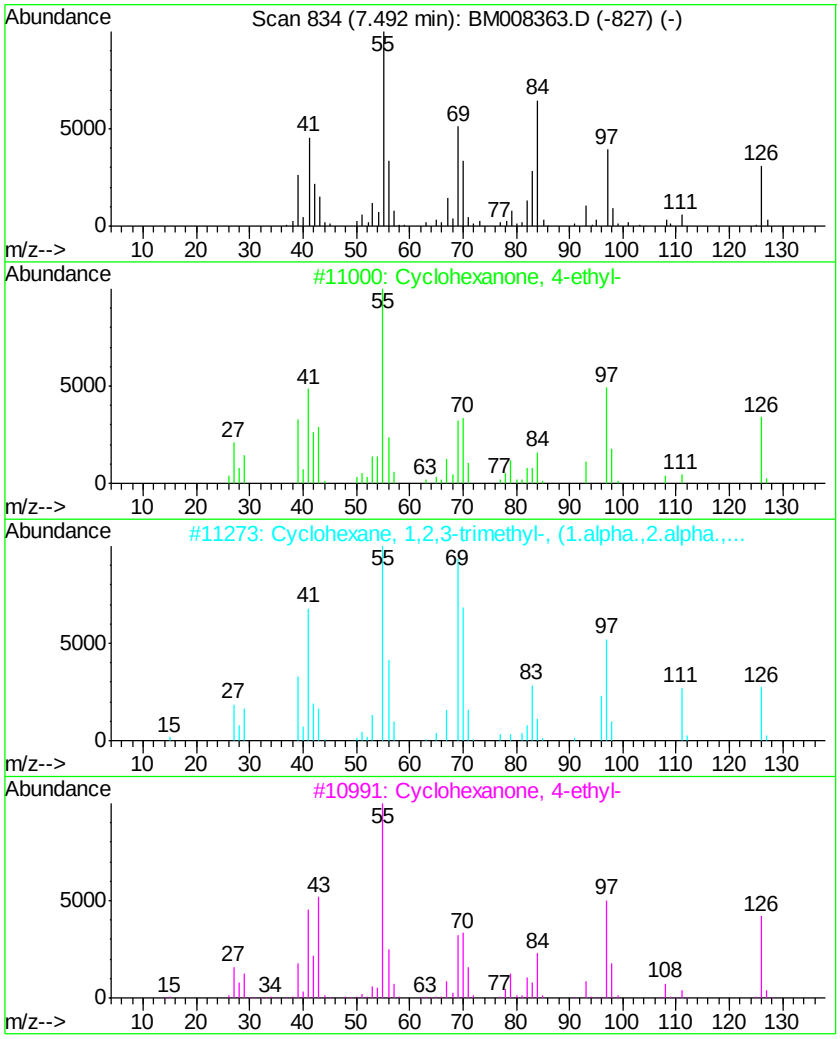
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

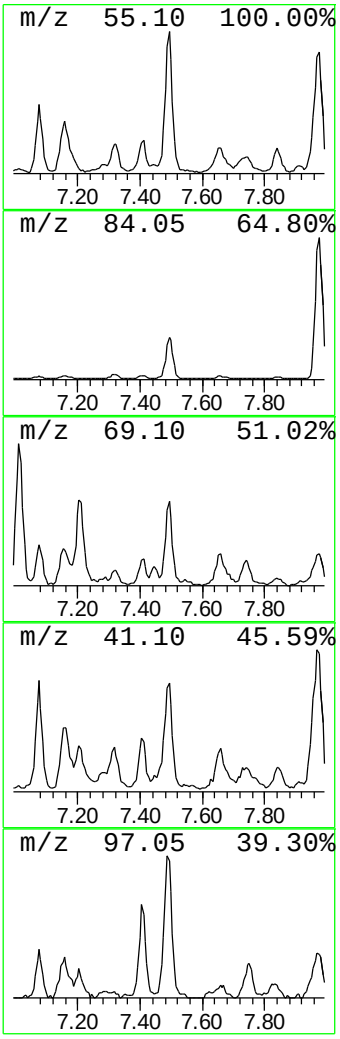
****

Peak Number 4 Cyclohexanone, 4-ethyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	9.14 ng/ul	494916	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 4-ethyl-	126	C8H14O	005441-51-0	70
2	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	007667-55-2	62
3	Cyclohexanone, 4-ethyl-	126	C8H14O	005441-51-0	58
4	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	52
5	trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	50





Library Search Compound Report

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Data File : BM008363.D
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Operator : UM/SJ
Sample : H6039-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8S1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

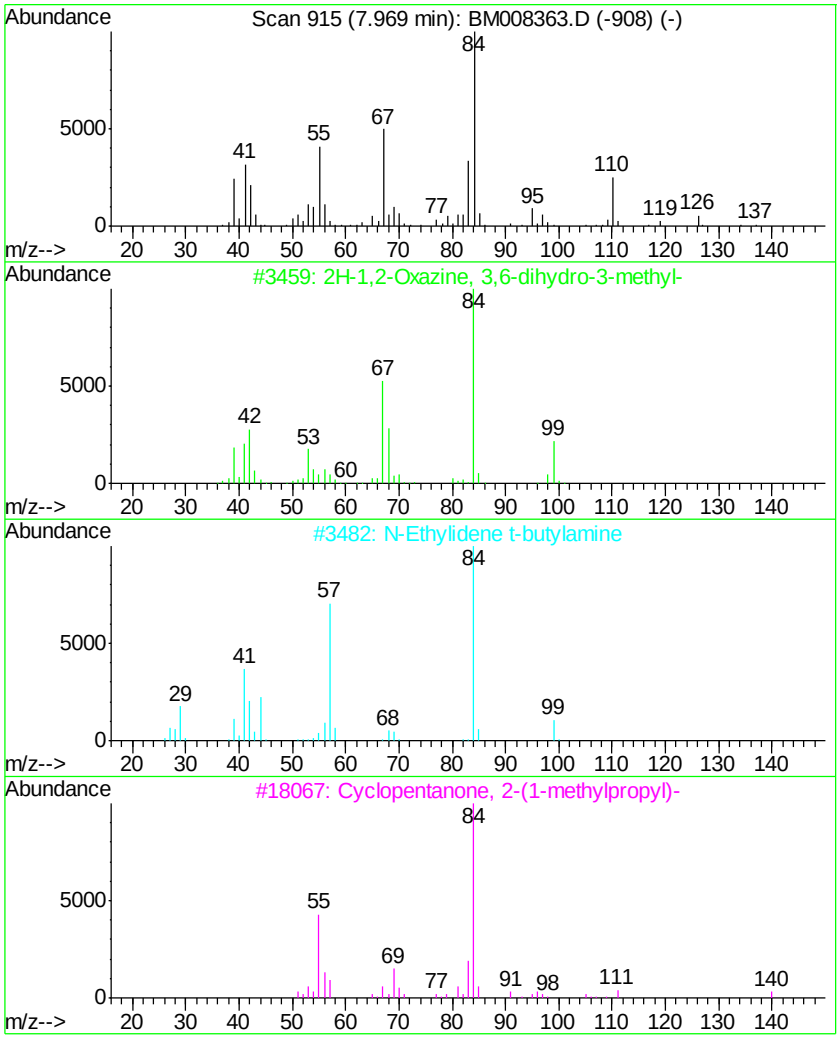
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

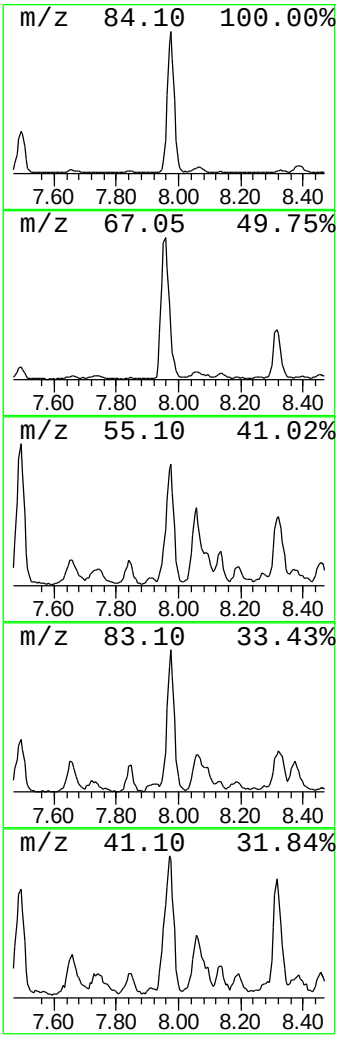
****

Peak Number 6 2H-1,2-Oxazine, 3,6-dihydro... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.97	17.20 ng/ul	931575	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-1,2-Oxazine, 3,6-dihydro-3-me...	99	C5H9NO	107468-64-4	53
2	N-Ethylidene t-butylamine	99	C6H13N	007020-80-6	43
3	Cyclopentanone, 2-(1-methylpropyl)-	140	C9H16O	006376-92-7	43
4	2-Amino-oxazole	84	C3H4N2O	004570-45-0	38
5	Cyclopropanecarboxamidine	84	C4H8N2	054070-74-5	38





Library Search Compound Report

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Data File : BM008363.D
Acq On : 16 Dec 2016 03:15
Operator : UM/SJ
Sample : H6039-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8S1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

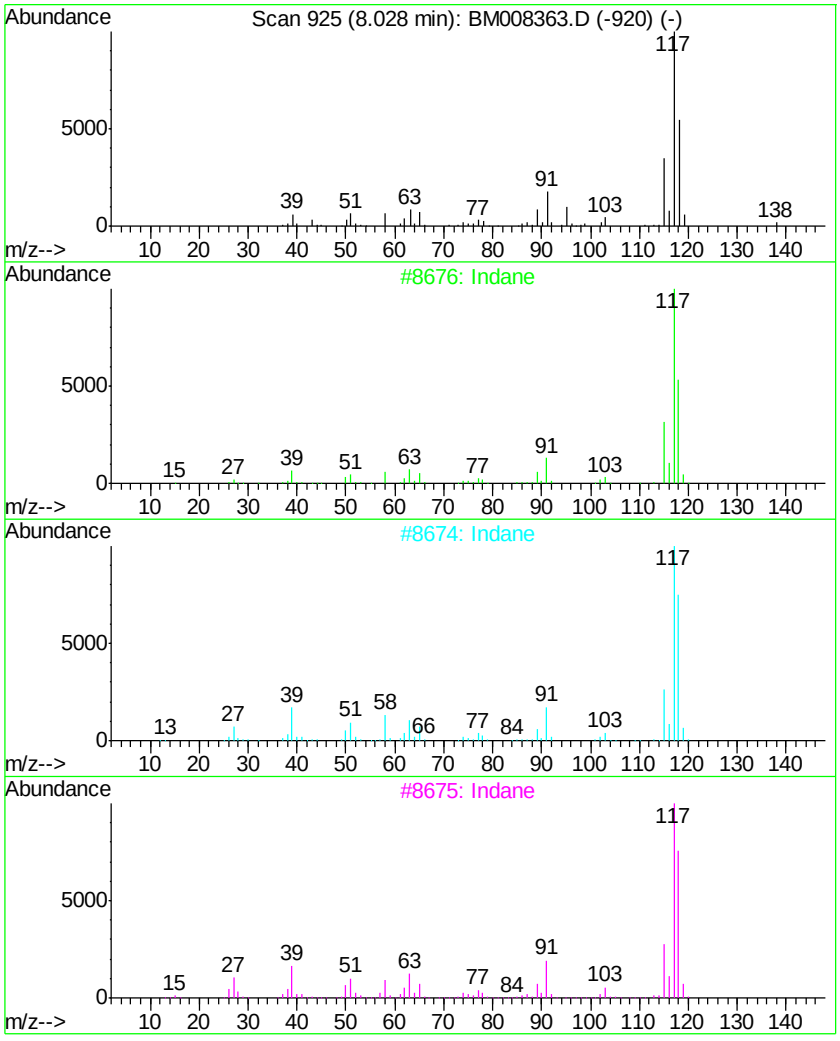
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

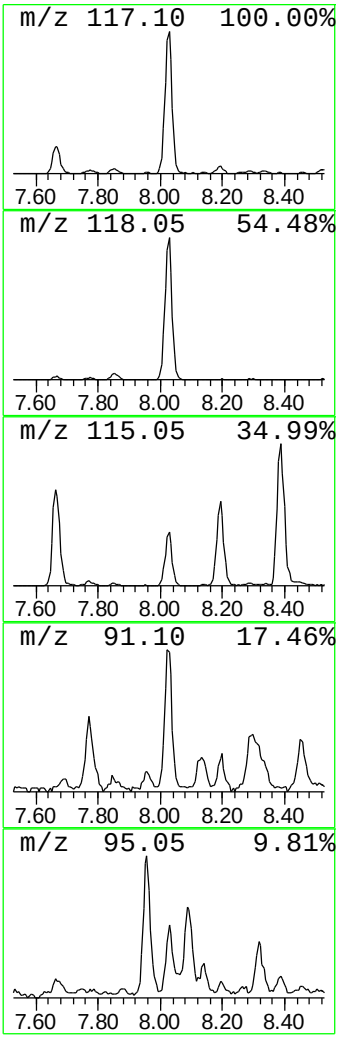
****

Peak Number 7 Indane Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.03	7.29 ng/ul	395128	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Indane	118	C9H10	000496-11-7	90
3	Indane	118	C9H10	000496-11-7	87
4	Indane	118	C9H10	000496-11-7	81
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72





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Sample : H6039-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8S1

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Quant Title : SVOA CALIBRATION

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

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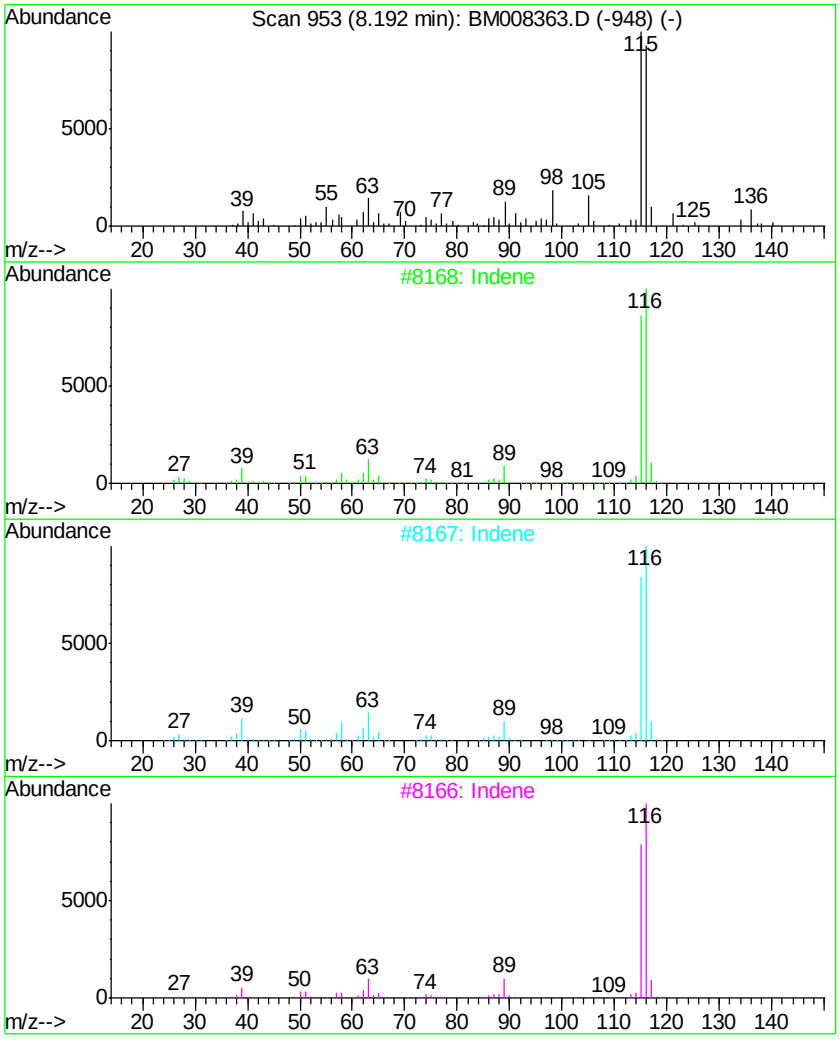
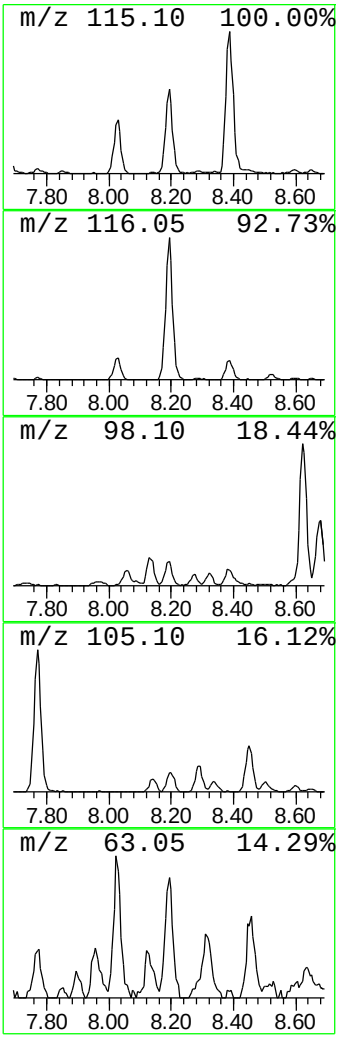
Peak Number 8 Indene Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	6.42 ng/ul	347819	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	94
2	Indene	116	C9H8	000095-13-6	91
3	Indene	116	C9H8	000095-13-6	87
4	Benzene,1-ethynyl-2-methyl-	116	C9H8	000766-47-2	83
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	83





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Sample : H6039-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8S1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

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

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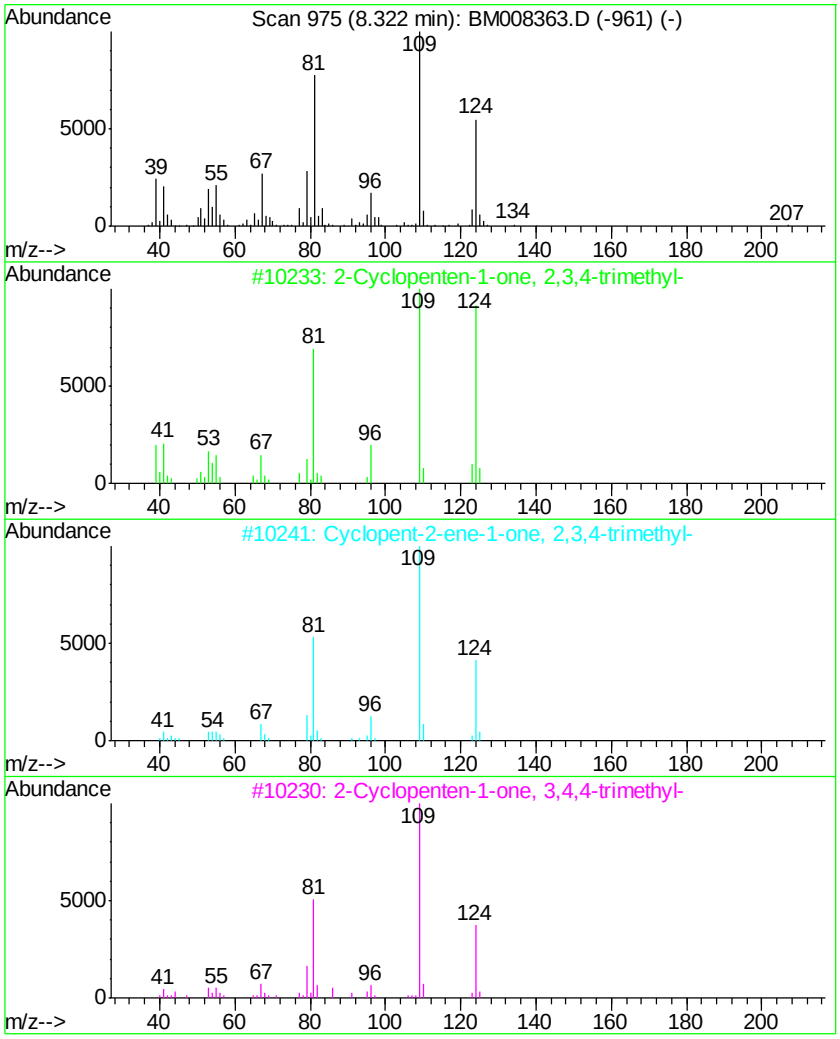
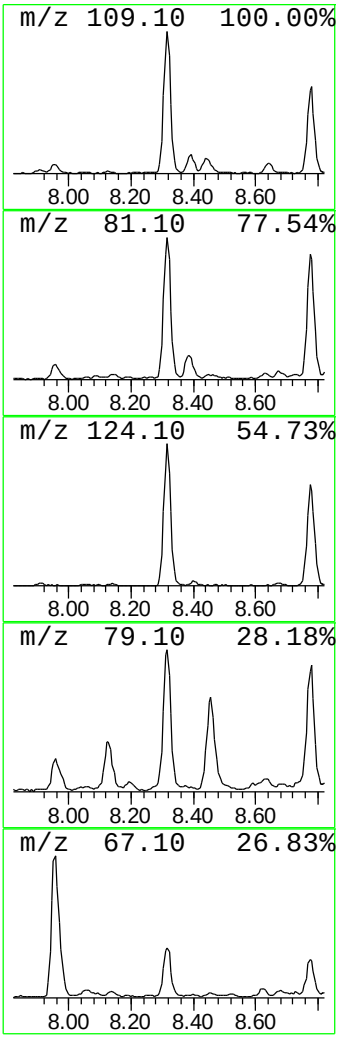
Peak Number 9 2-Cyclopenten-1-one, 2,3,4-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	21.08 ng/ul	1141800	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 2,3,4-trime...	124	C8H12O	028790-86-5	93
2	Cyclopent-2-ene-1-one, 2,3,4-tri...	124	C8H12O	083321-16-8	83
3	2-Cyclopenten-1-one, 3,4,4-trime...	124	C8H12O	030434-65-2	83
4	Mequinol	124	C7H8O2	000150-76-5	74
5	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	74





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Sample : H6039-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8S1

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Quant Title : SVOA CALIBRATION

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

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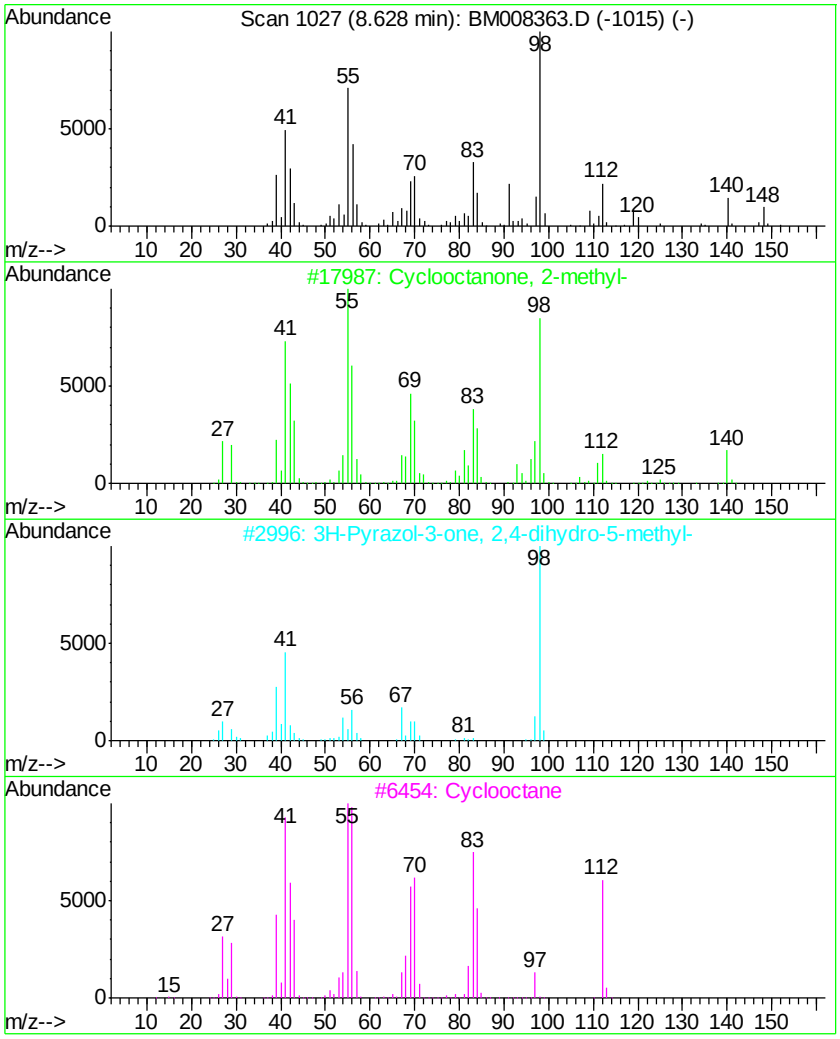
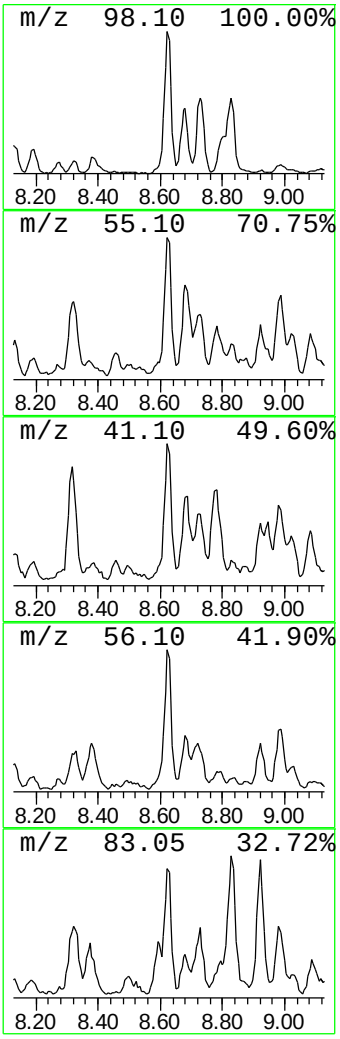
Peak Number 10 Cyclooctanone, 2-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	13.74 ng/ul	744197	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctanone, 2-methyl-	140	C9H16O	010363-27-6	52
2	3H-Pyrazol-3-one, 2,4-dihydro-5-...	98	C4H6N2O	000108-26-9	52
3	Cyclooctane	112	C8H16	000292-64-8	50
4	5-Decene	140	C10H20	019689-19-1	46
5	2-Octene, (Z)-	112	C8H16	007642-04-8	46





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Sample : H6039-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8S1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

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

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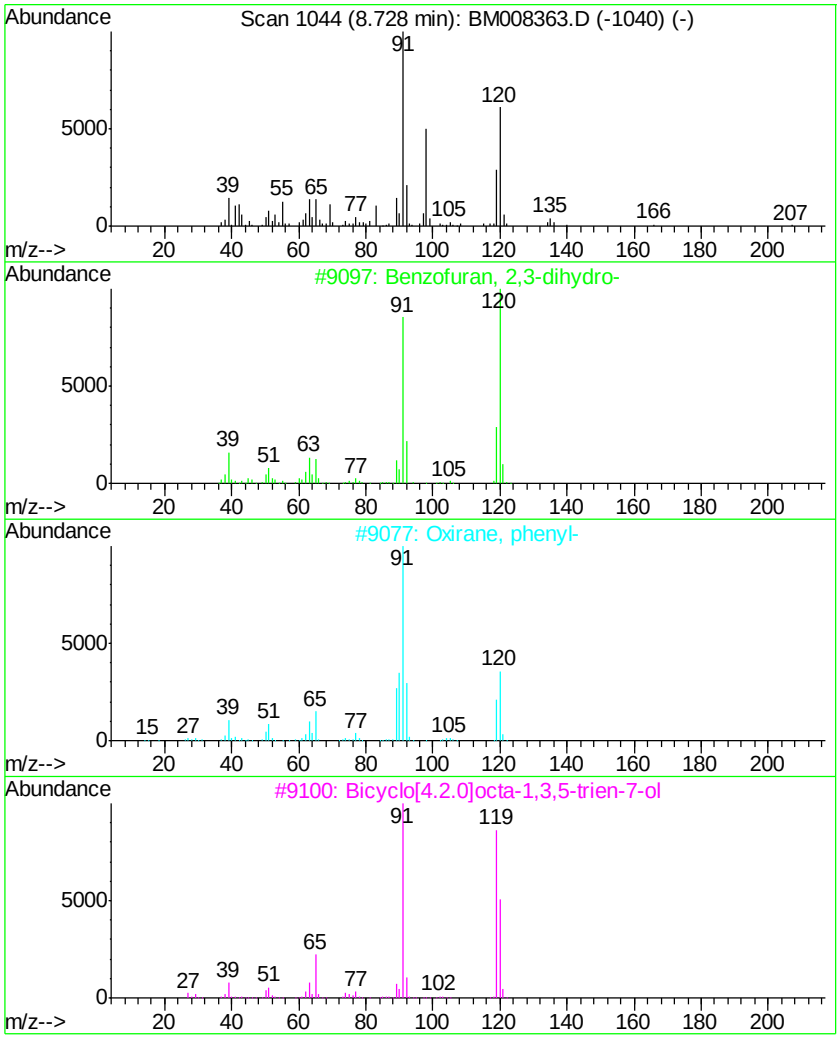
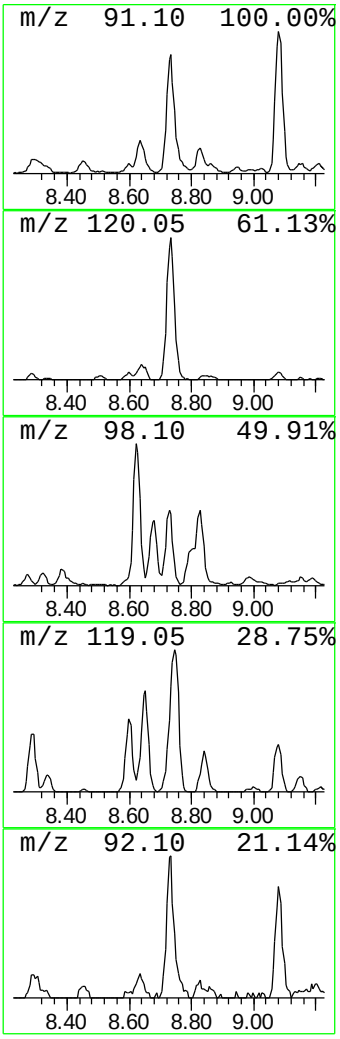
Peak Number 11 Benzofuran, 2,3-dihydro- Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	7.13 ng/ul	386487	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2,3-dihydro-	120	C8H8O	000496-16-2	60
2	Oxirane, phenyl-	120	C8H8O	000096-09-3	53
3	Bicyclo[4.2.0]octa-1,3,5-trien-7-ol	120	C8H8O	035447-99-5	45
4	6-Methylenebicyclo[3.2.0]hept-3-...	120	C8H8O	1000211-11-9	43
5	Benzeneacetaldehyde	120	C8H8O	000122-78-1	43





Library Search Compound Report

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Sample : H6039-05
Misc :
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Quant Title : SVOA CALIBRATION

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

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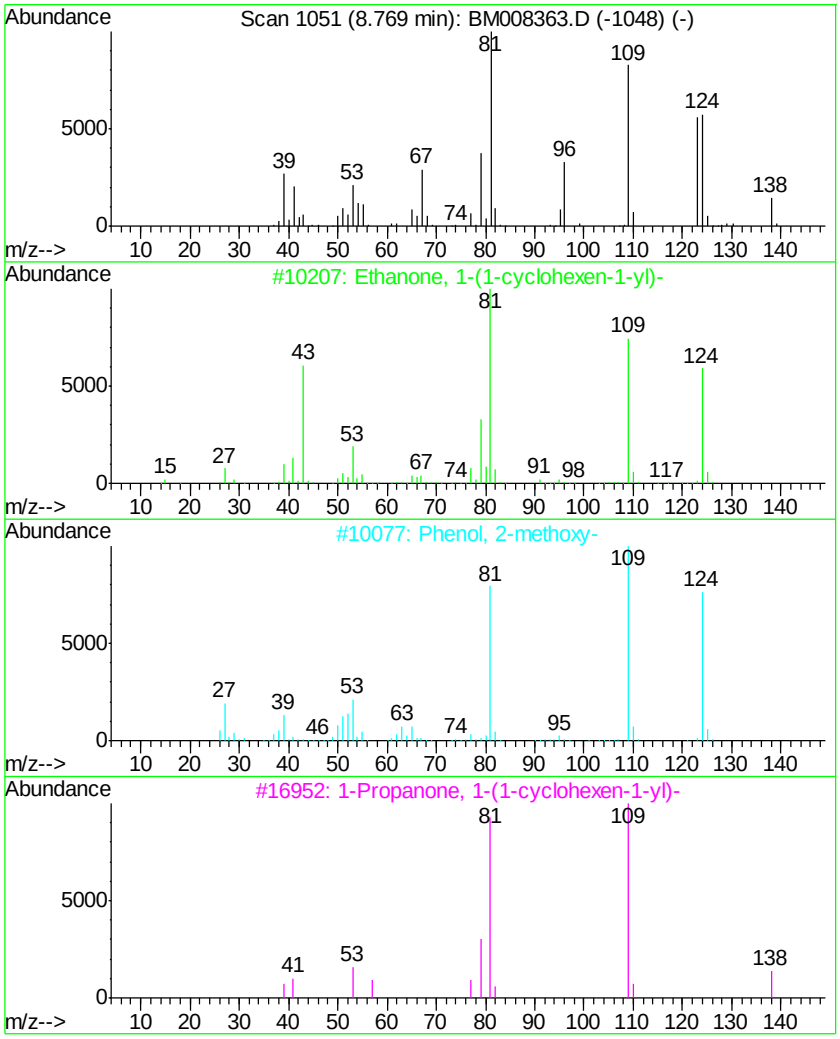
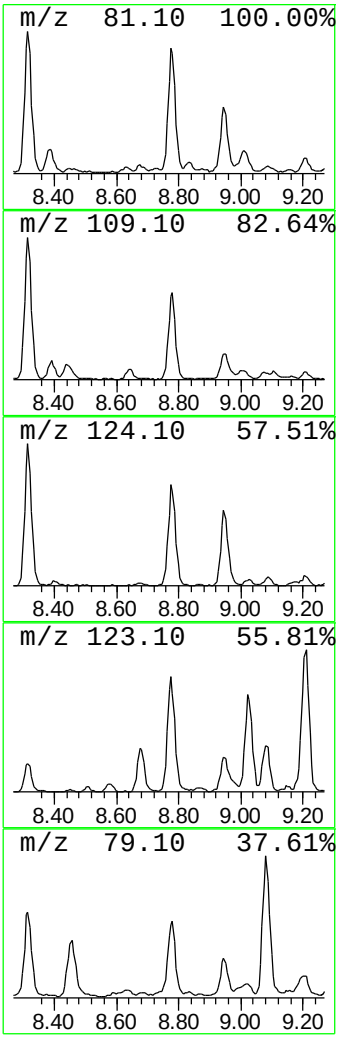
Peak Number 12 Ethanone, 1-(1-cyclohexen-1... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.77	8.76 ng/ul	474719	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	70
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	52
3	1-Propanone, 1-(1-cyclohexen-1-yl)-	138	C9H14O	001655-03-4	49
4	1,3-Pentadiene, 2,3-dimethyl-	96	C7H12	001113-56-0	46
5	1,4-Hexadiene, 4-methyl-	96	C7H12	001116-90-1	46





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ClientSampleId : DA8S1

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Quant Title : SVOA CALIBRATION

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

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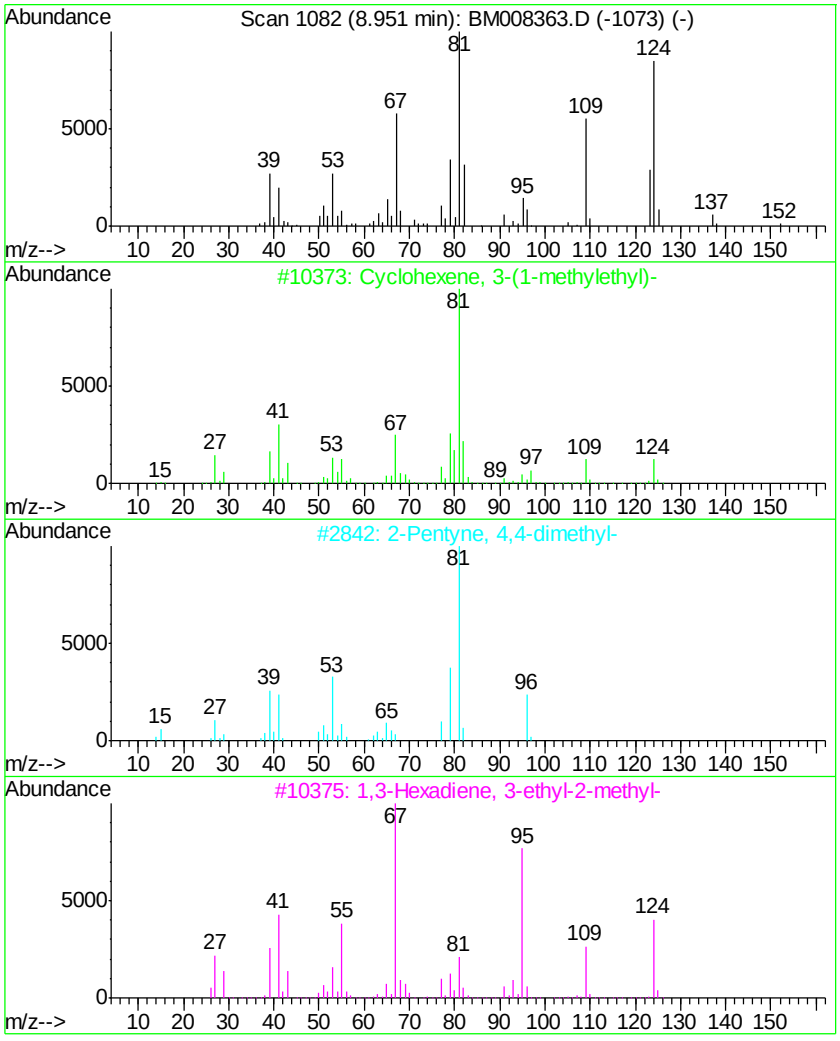
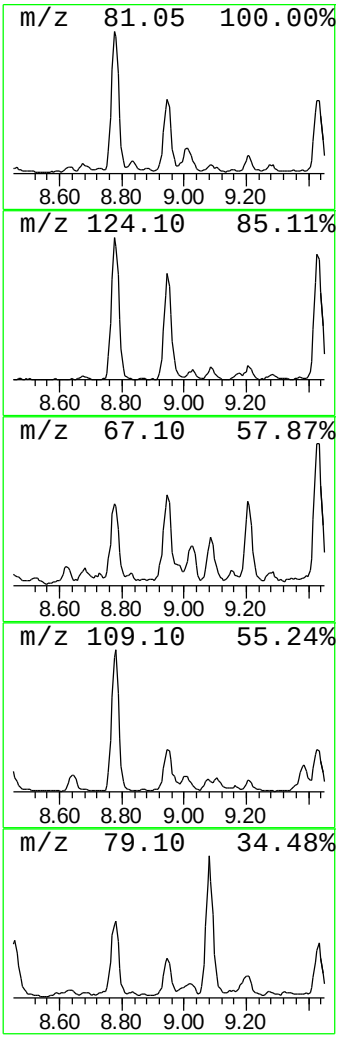
Peak Number 13 Cyclohexene, 3-(1-methyleth... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.95	9.32 ng/ul	504999	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 3-(1-methylethyl)-	124	C9H16	003983-08-2	64
2	2-Pentyne, 4,4-dimethyl-	96	C7H12	000999-78-0	42
3	1,3-Hexadiene, 3-ethyl-2-methyl-	124	C9H16	061142-36-7	38
4	2,4-Hexadiene, 2-methyl-	96	C7H12	028823-41-8	38
5	7,8-Diazabicyclo[4.2.0]octane, 1...	156	C7H12N2O2	169522-32-1	35





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Sample : H6039-05
Misc :
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Instrument : BNA_M
ClientSampleId : DA8S1

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Quant Title : SVOA CALIBRATION

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

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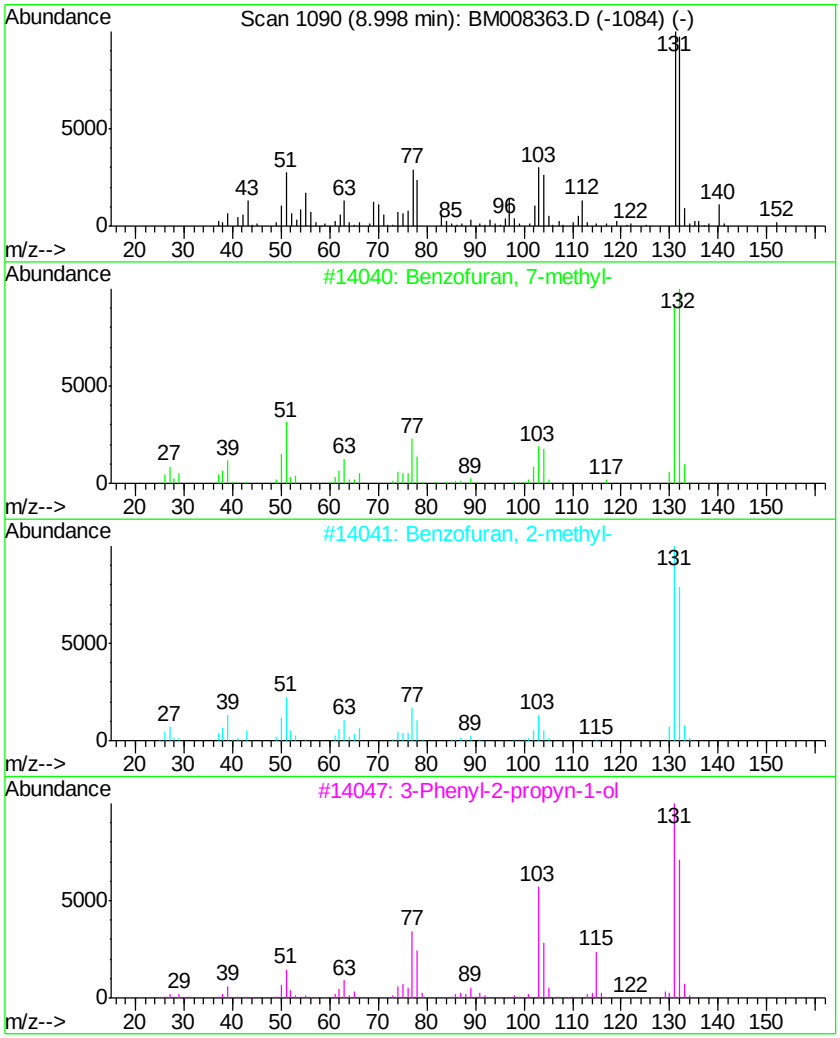
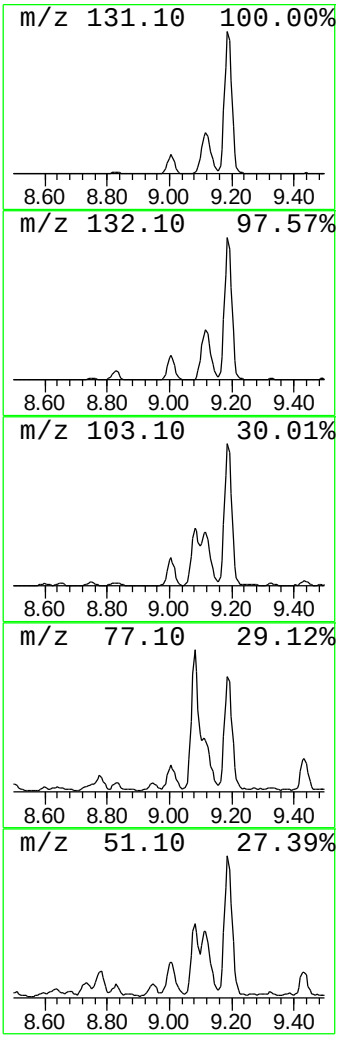
Peak Number 14 Benzofuran, 7-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.00	16.90 ng/ul	915388	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	93
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
3	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87
5	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	87





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Instrument : BNA_M
ClientSampleId : DA8S1

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Quant Title : SVOA CALIBRATION

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

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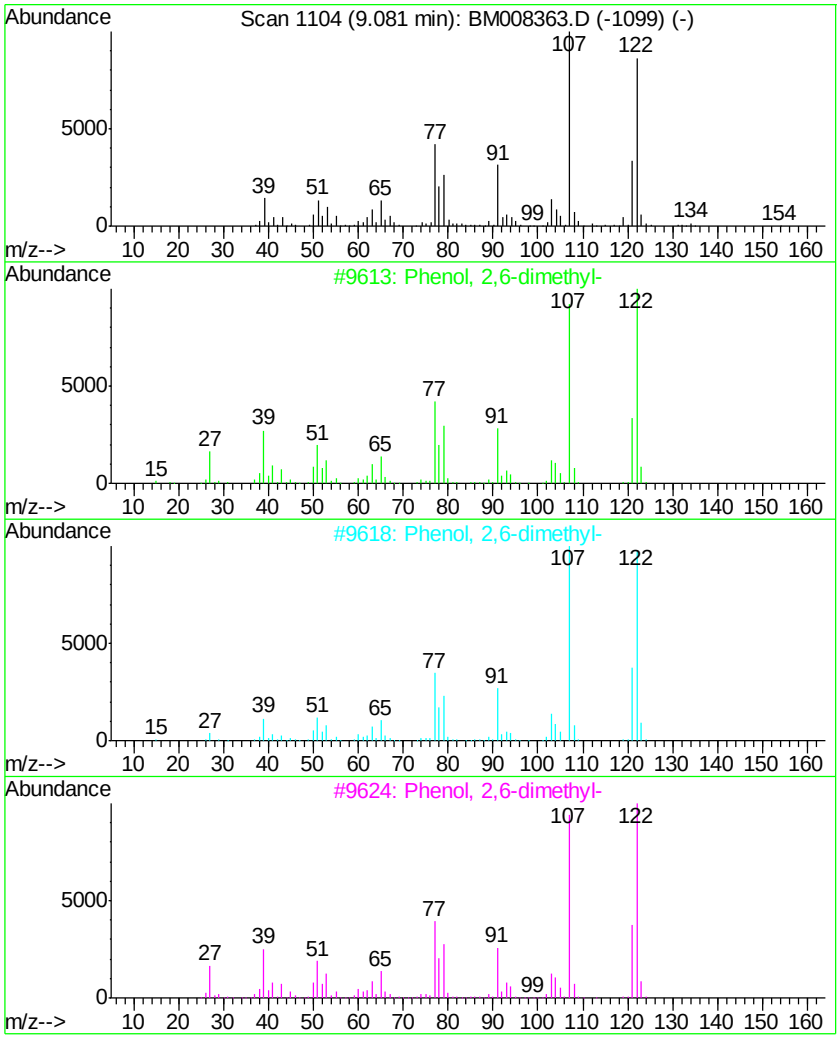
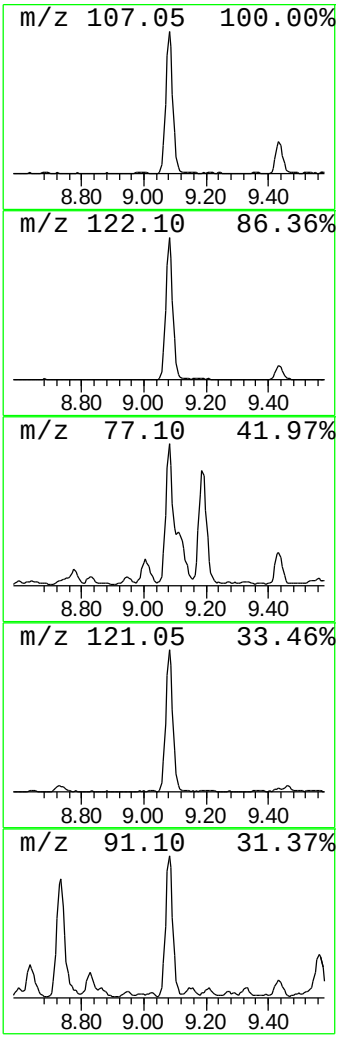
Peak Number 15 Phenol, 2,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.08	18.36 ng/ul	1818020	Naphthalene-d8	10.44

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





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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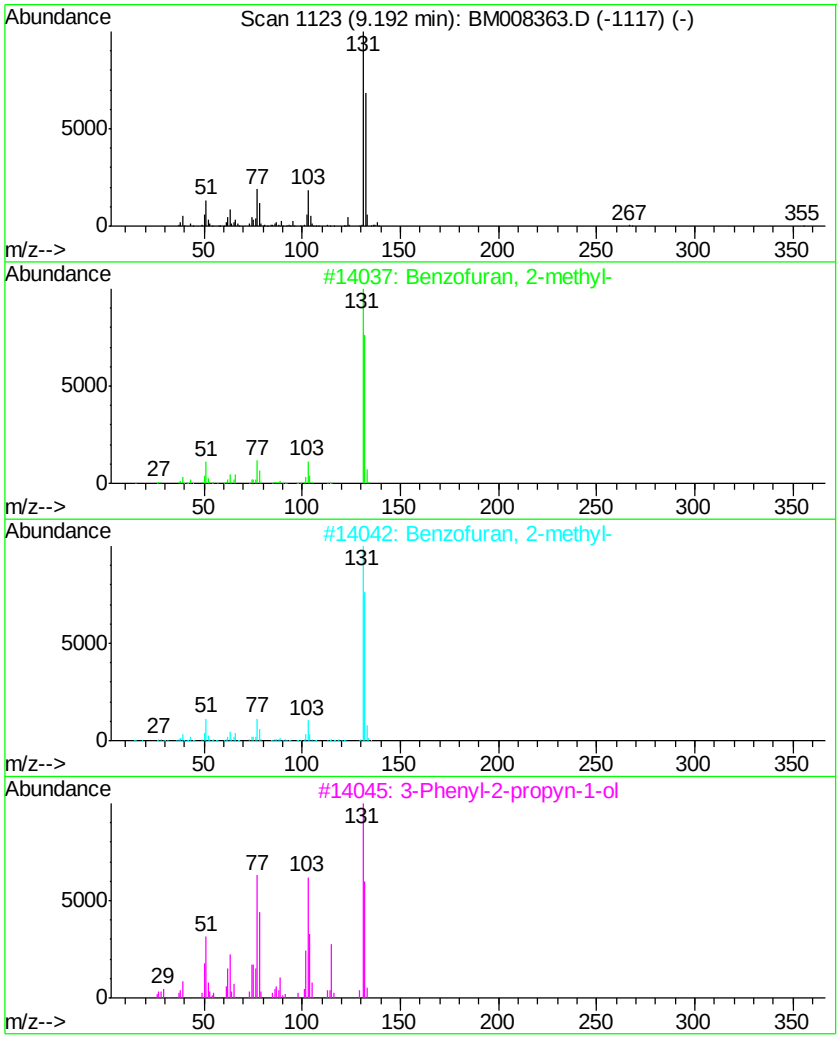
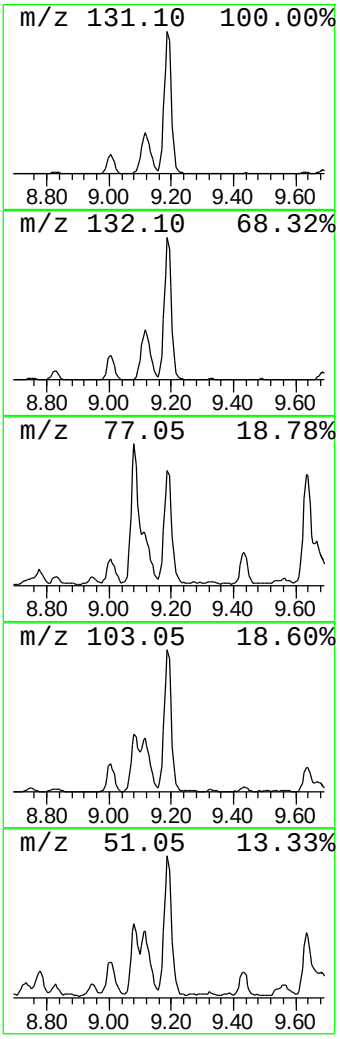
Peak Number 16 Benzofuran, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	22.50 ng/ul	2228340	Naphthalene-d8	10.44

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	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
4	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	87
5	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	87





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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8S1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

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

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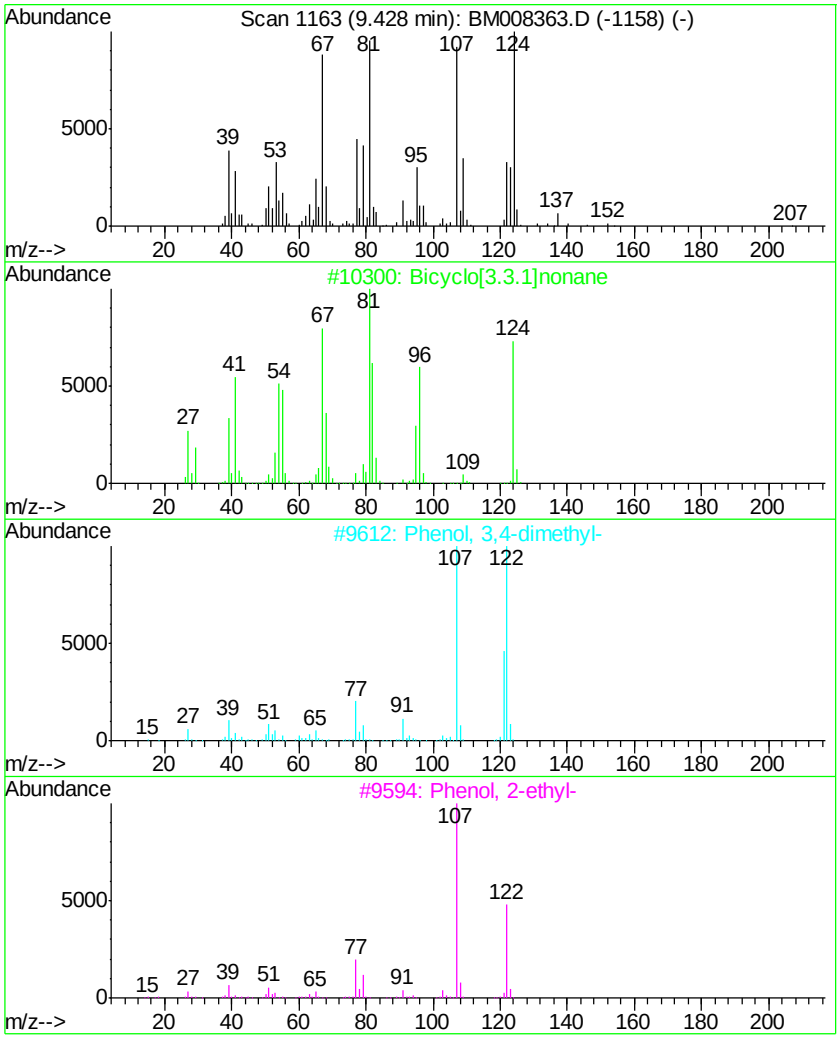
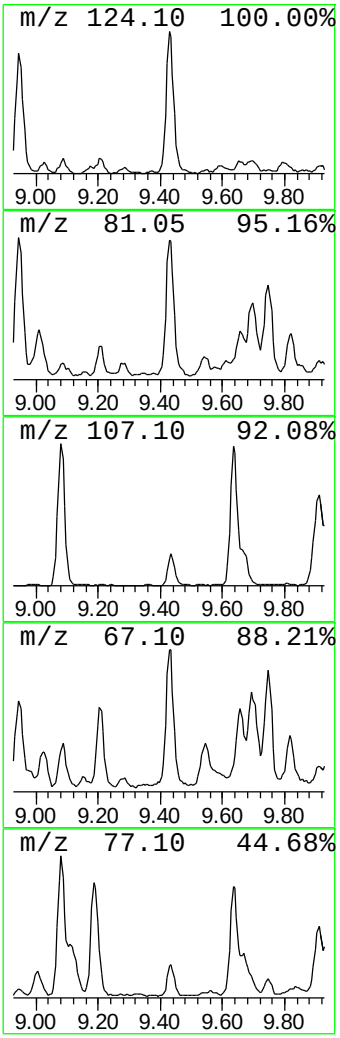
Peak Number 17 unknown-02 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	6.83 ng/ul	676800	Naphthalene-d8	10.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.3.1]nonane	124	C9H16	000280-65-9	46
2	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	35
3	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	20
4	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	20
5	1-Hexen-3-yne, 2,5,5-trimethyl-	122	C9H14	037439-53-5	18





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Quant Title : SVOA CALIBRATION

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

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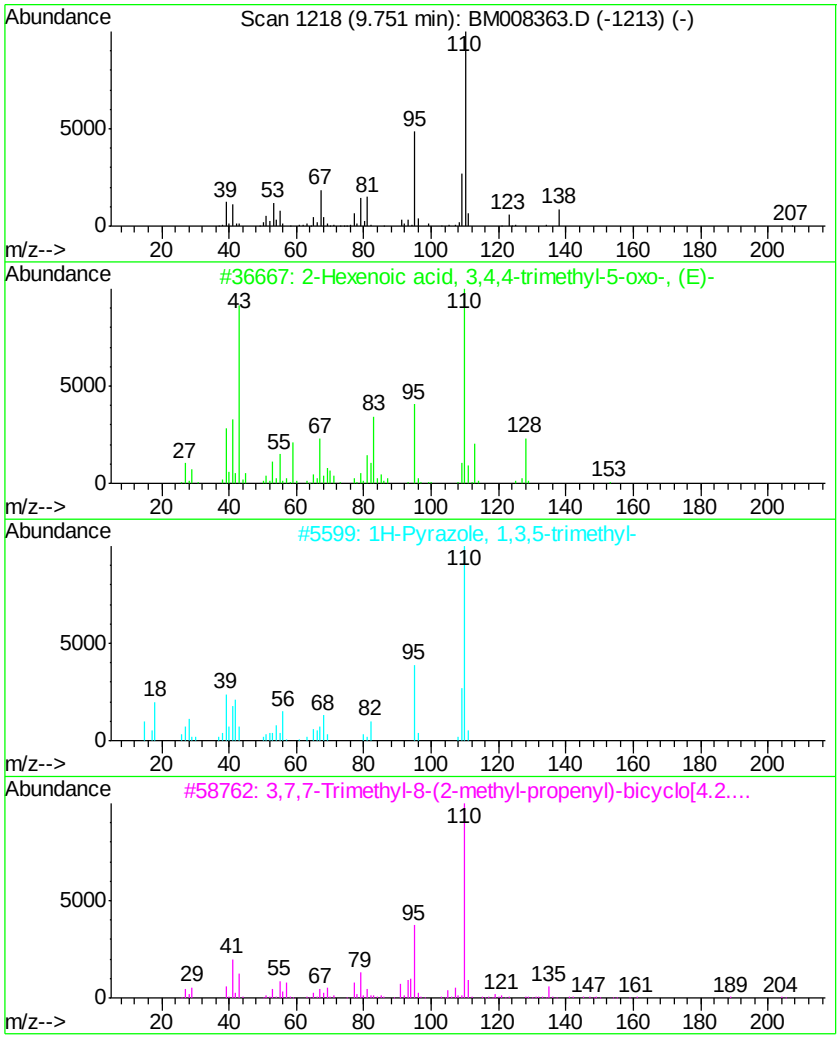
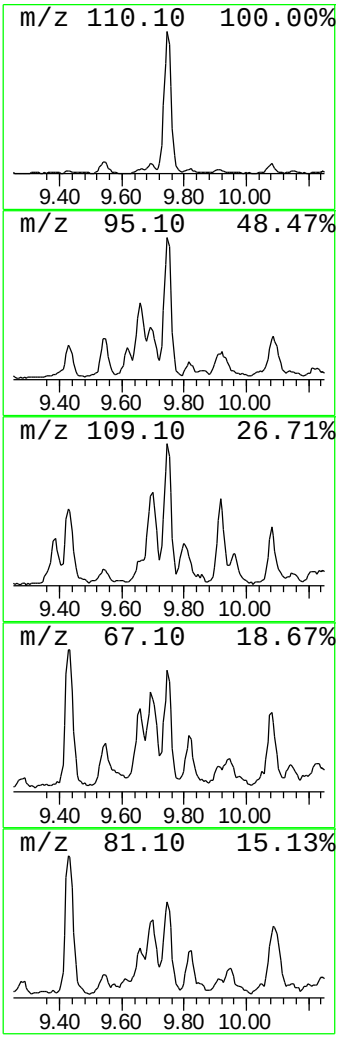
Peak Number 18 2-Hexenoic acid, 3,4,4-trim... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	7.55 ng/ul	747323	Naphthalene-d8	10.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexenoic acid, 3,4,4-trimethyl...	170	C9H14O3	006994-95-2	64
2	1H-Pyrazole, 1,3,5-trimethyl-	110	C6H10N2	001072-91-9	64
3	3,7,7-Trimethyl-8-(2-methyl-prop...	204	C15H24	1000192-43-3	53
4	Resorcinol	110	C6H6O2	000108-46-3	43
5	Pyrazine, methyl-, 4-oxide	110	C5H6N2O	025594-37-0	43





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Data File : BM008363.D
Acq On : 16 Dec 2016 03:15
Operator : UM/SJ
Sample : H6039-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8S1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

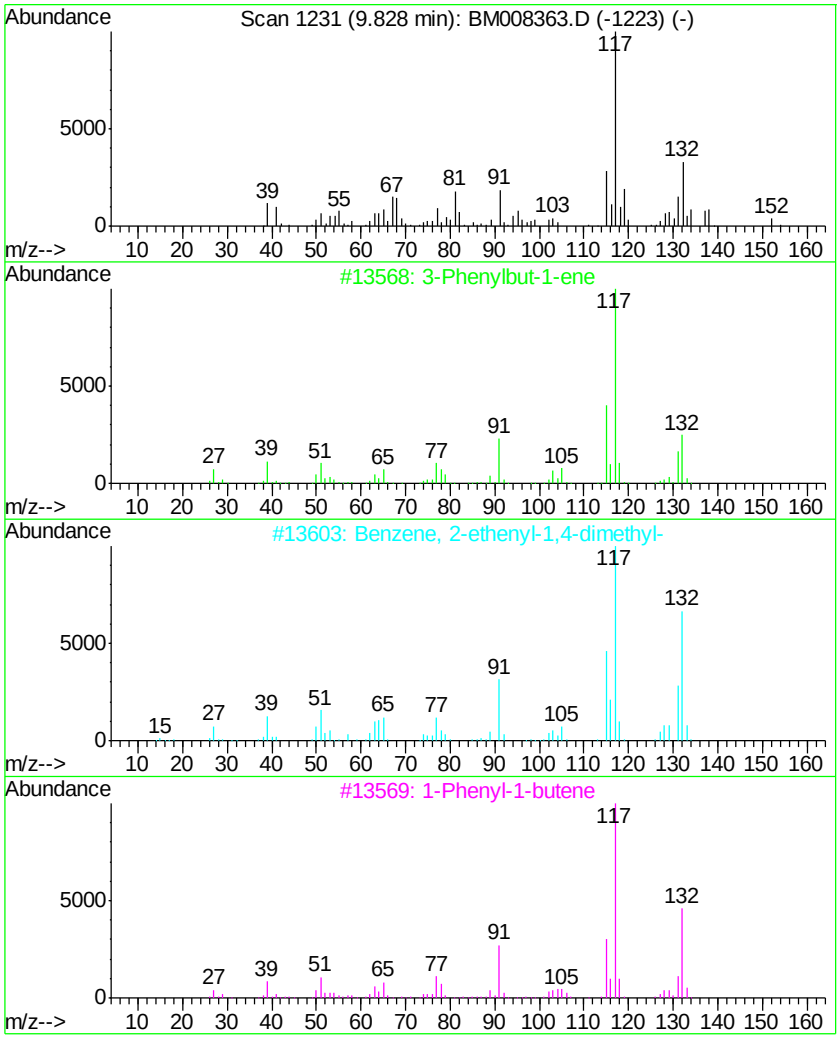
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

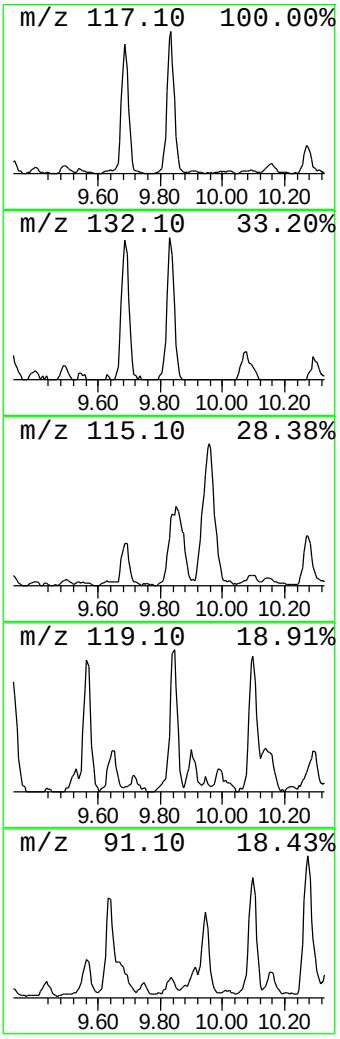
****

Peak Number 19 3-Phenylbut-1-ene Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	6.20 ng/ul	613543	Naphthalene-d8	10.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	76
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	76
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	76
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	68
5	Benzene, 1-butenyl-, (E)-	132	C10H12	001005-64-7	64





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Acq On : 16 Dec 2016 03:15
Operator : UM/SJ
Sample : H6039-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8S1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

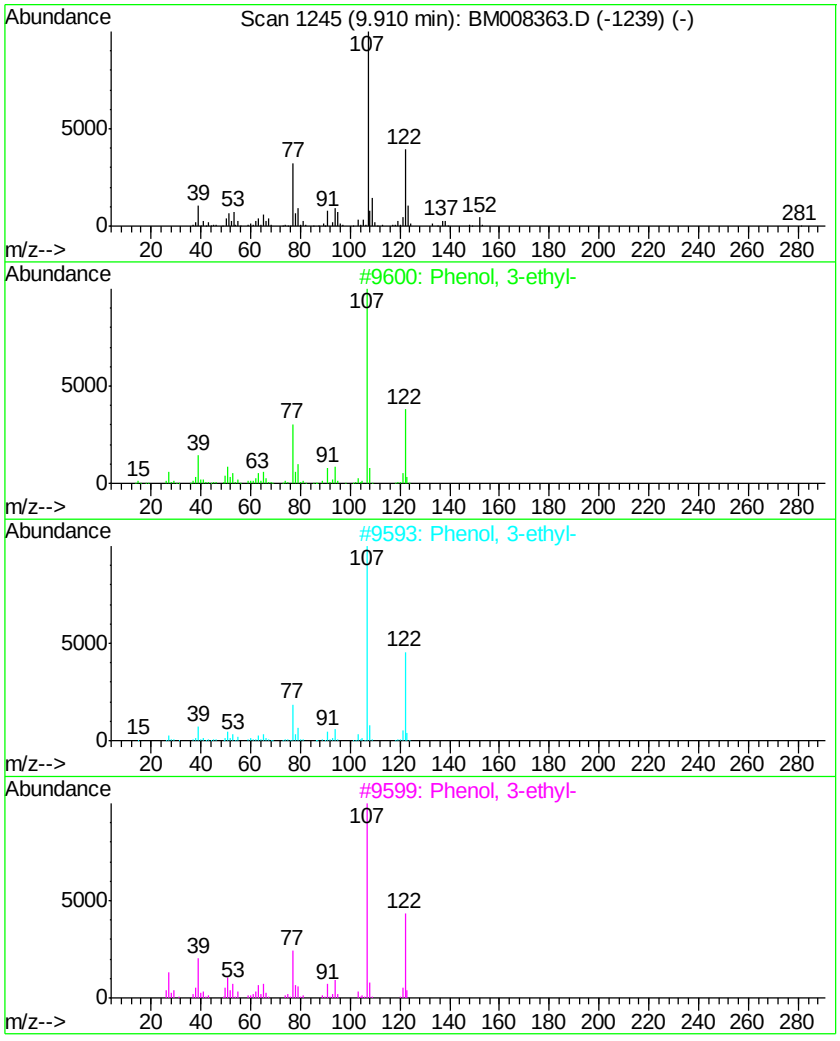
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

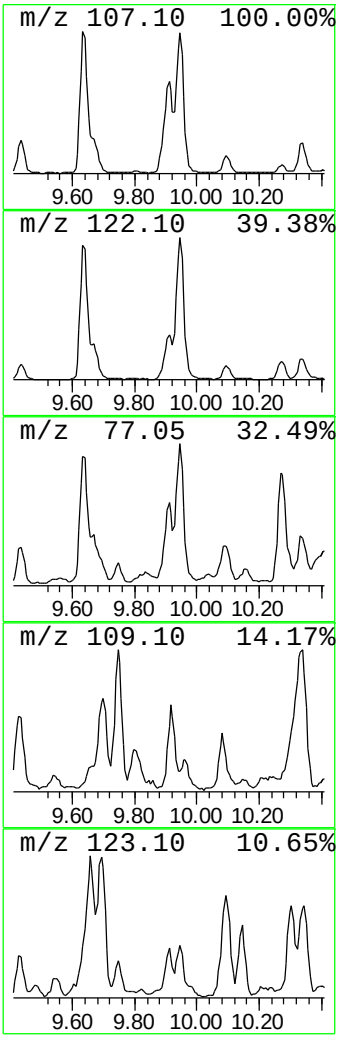
****

Peak Number 20 Phenol, 3-ethyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.91	7.93 ng/ul	785226	Naphthalene-d8	10.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	93
2	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	87
3	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	80
4	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	76
5	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	72





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Sample : H6039-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8S1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

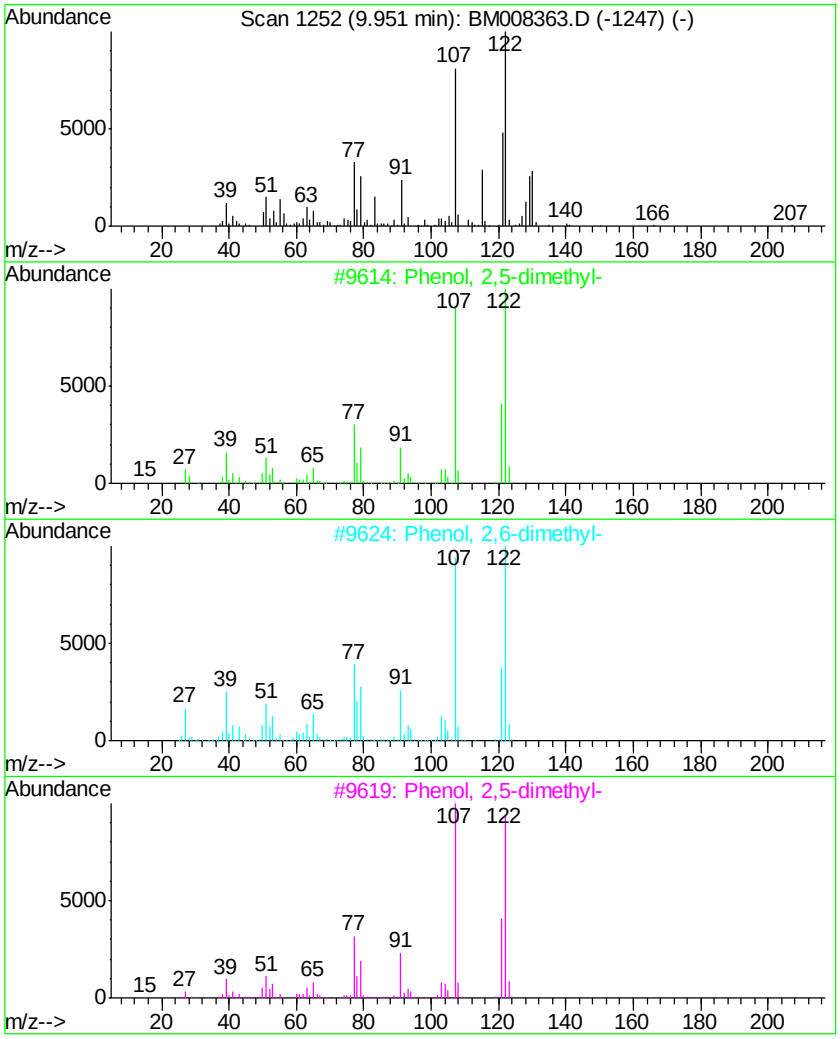
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

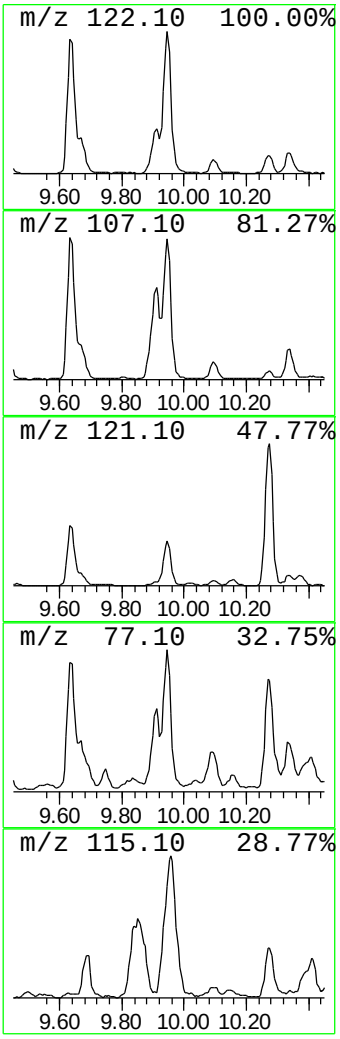
****

Peak Number 21 Phenol, 2,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	19.05 ng/ul	1886170	Naphthalene-d8	10.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	87
2	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	80
3	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	74
4	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	72
5	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	72





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Acq On : 16 Dec 2016 03:15
Operator : UM/SJ
Sample : H6039-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8S1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

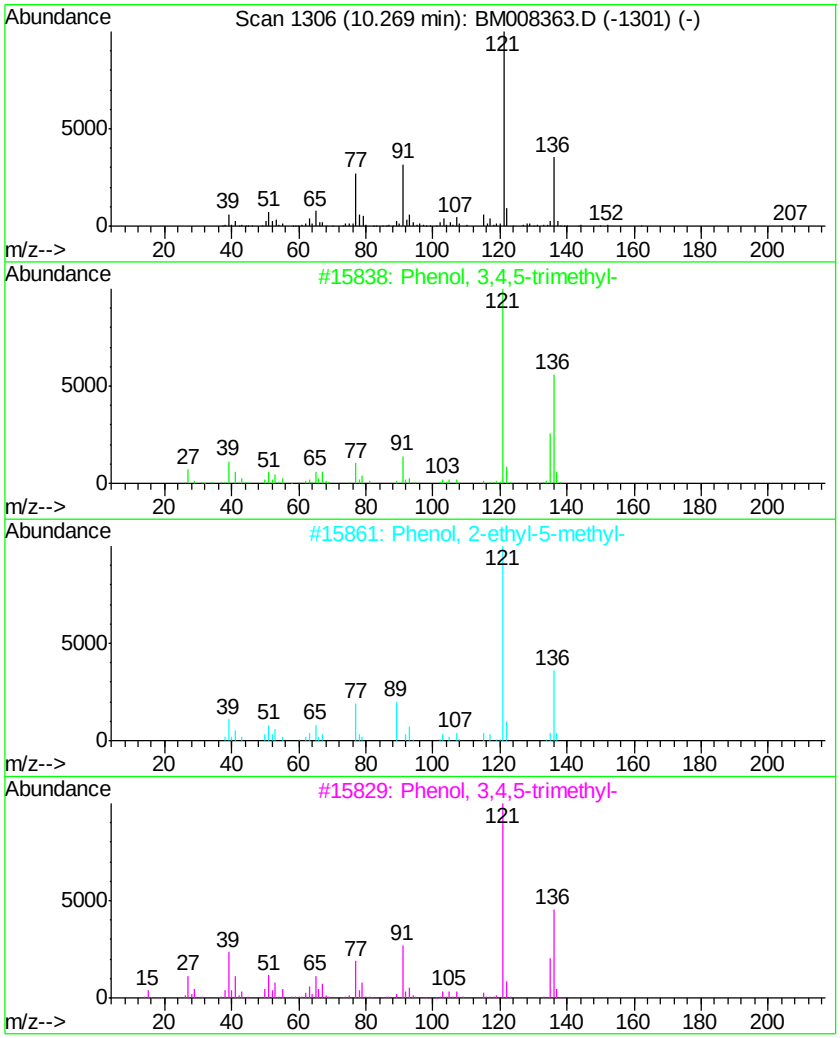
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

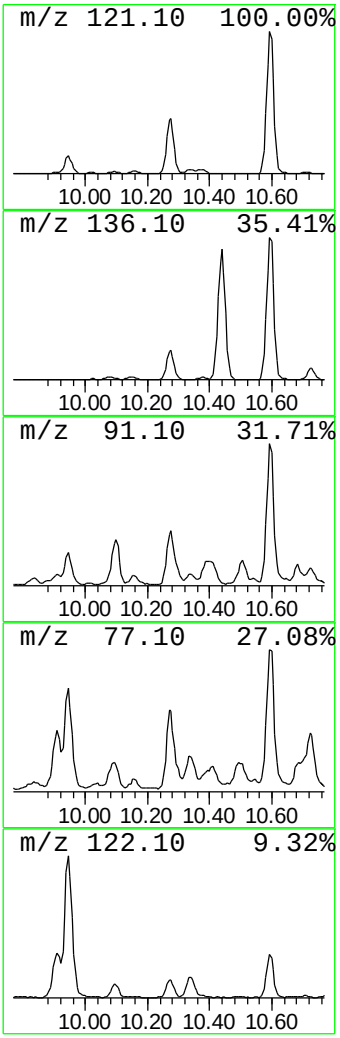
****

Peak Number 22 Phenol, 3,4,5-trimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	17.17 ng/ul	1699980	Naphthalene-d8	10.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	91
2	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	90
3	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	90
4	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	87
5	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	87





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Sample : H6039-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8S1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

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

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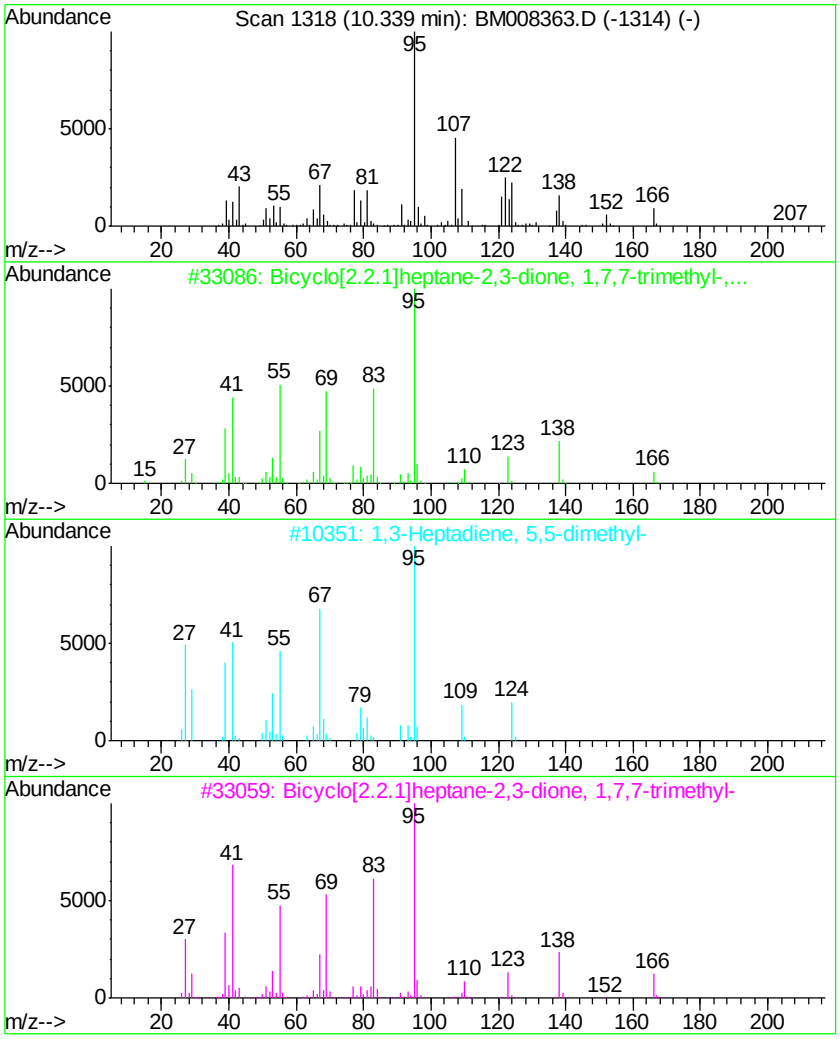
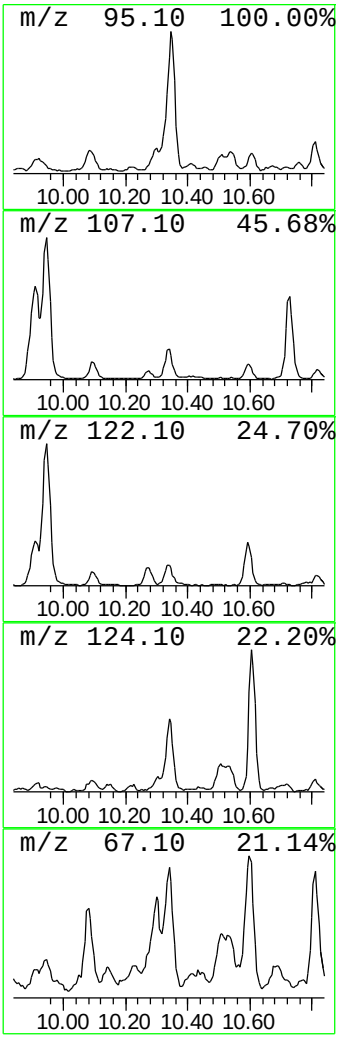
Peak Number 23 unknown-.03 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.34	12.53 ng/ul	1241340	Naphthalene-d8	10.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptane-2,3-dione,...	166	C10H14O2	002767-84-2	49
2	1,3-Heptadiene, 5,5-dimethyl-	124	C9H16	024618-86-8	46
3	Bicyclo[2.2.1]heptane-2,3-dione,...	166	C10H14O2	000465-29-2	46
4	Furan, 4-methyl-2-propyl-	124	C8H12O	006148-37-4	43
5	Bicyclo[2.2.1]heptane-2,3-diol, ...	170	C10H18O2	056614-57-4	43





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Sample : H6039-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8S1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

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

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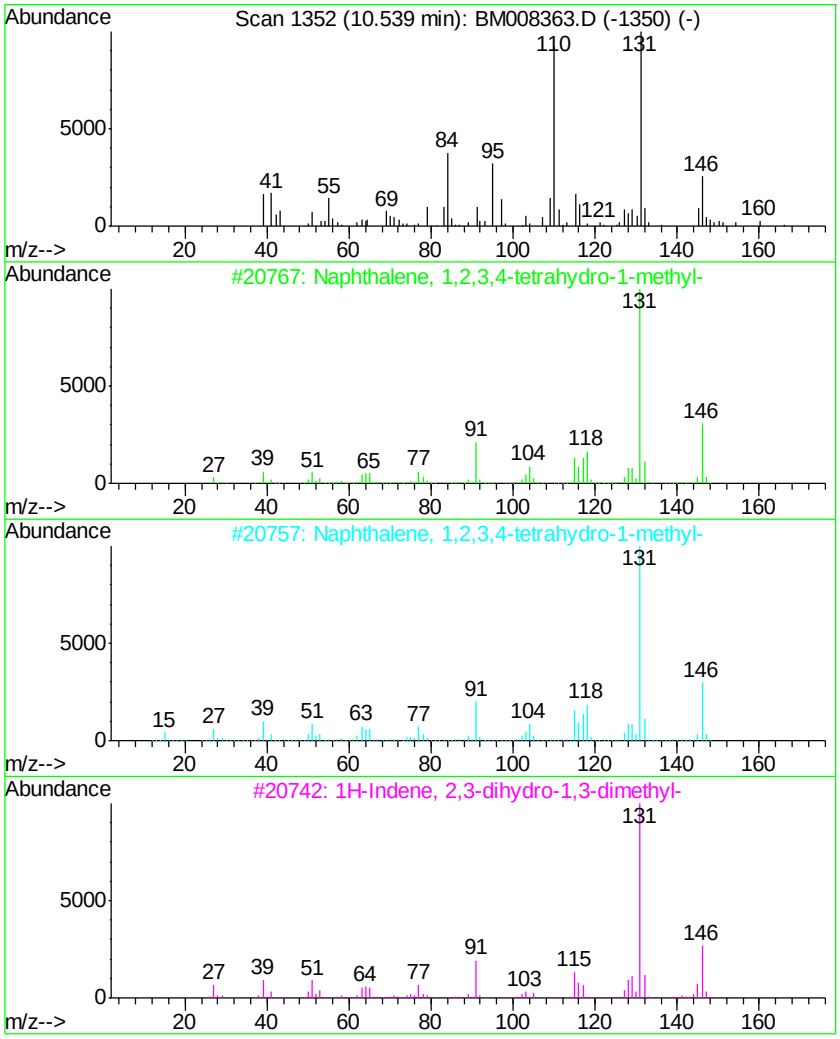
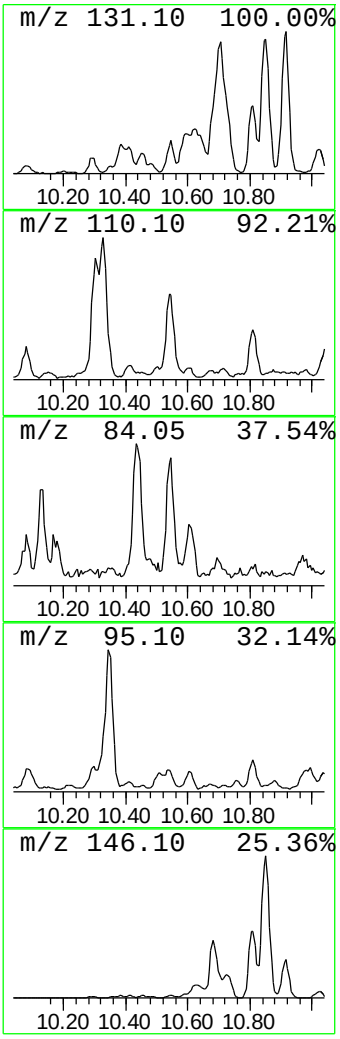
Peak Number 24 unknown-04 Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.54	3.42 ng/ul	338915	Naphthalene-d8	10.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	46
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	46
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	46
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	46
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	41





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Operator : UM/SJ
Sample : H6039-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8S1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

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

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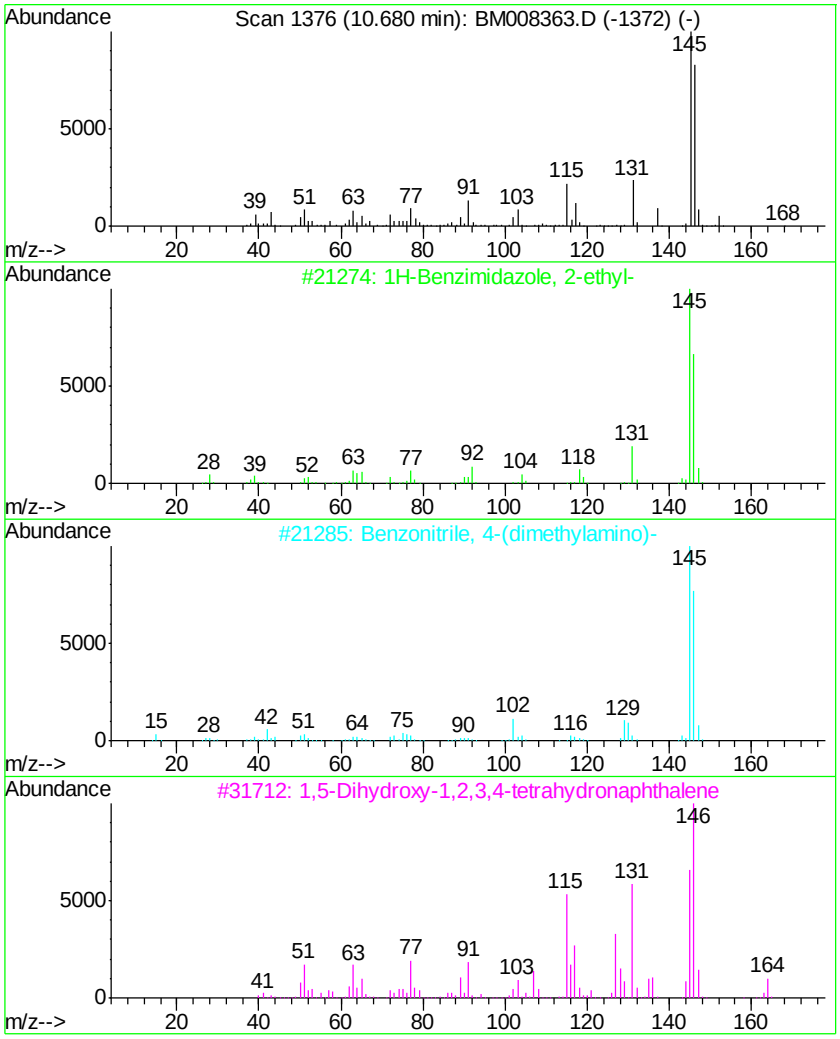
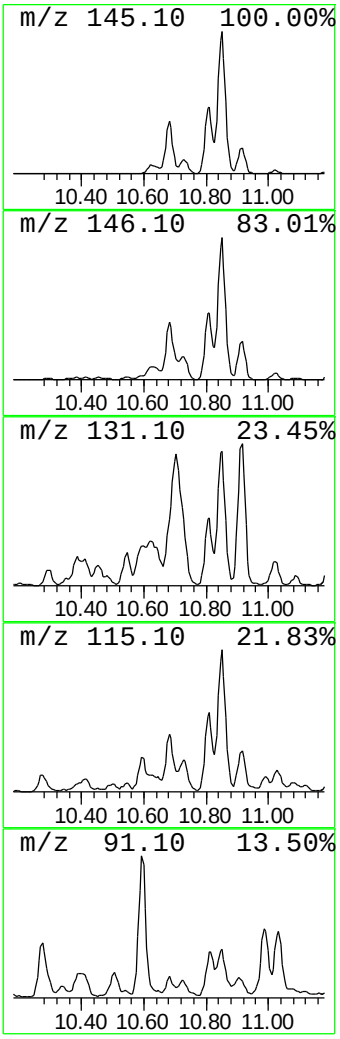
Peak Number 25 1H-Benzimidazole, 2-ethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	13.16 ng/ul	1303430	Naphthalene-d8	10.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	64
2	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	59
3	1,5-Dihydroxy-1,2,3,4-tetrahydro...	164	C10H12O2	040771-26-4	50
4	1H-Pyrazole, 4,5-dihydro-3-phenyl-	146	C9H10N2	000936-48-1	47
5	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	45





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Acq On : 16 Dec 2016 03:15
Operator : UM/SJ
Sample : H6039-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8S1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

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

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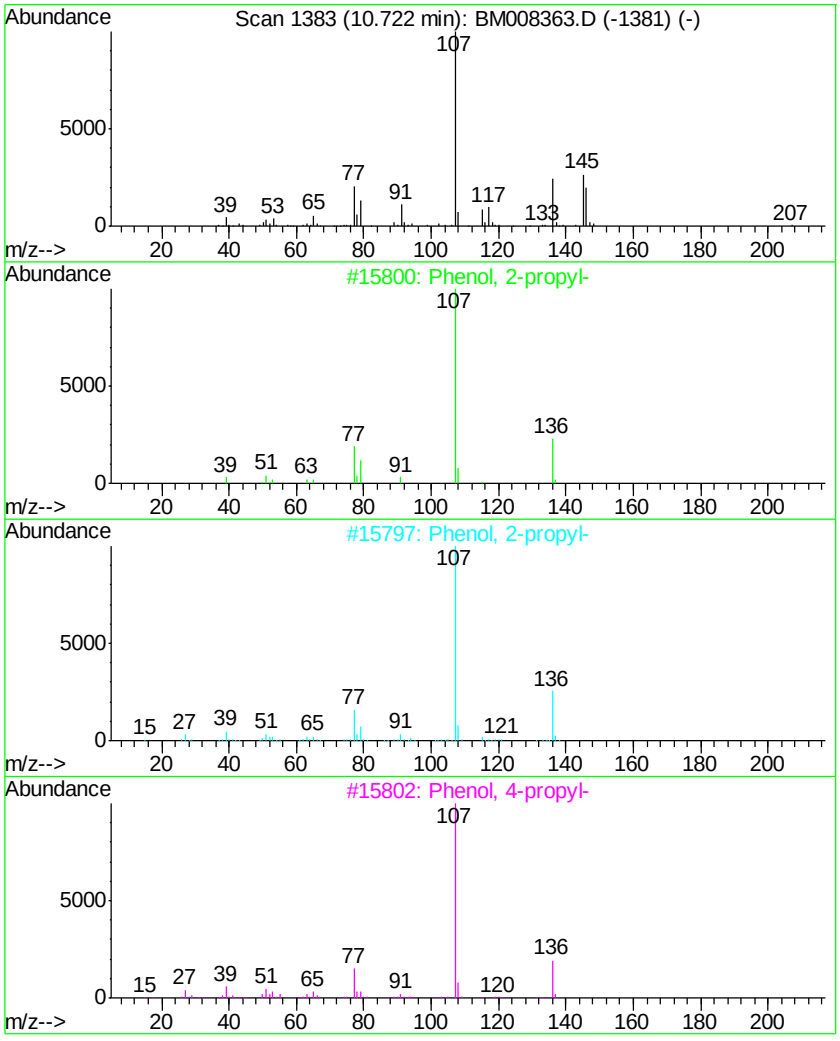
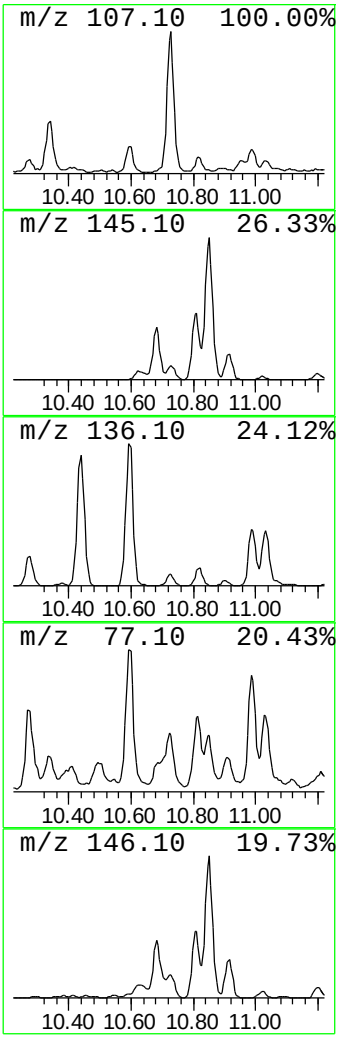
Peak Number 26 Phenol, 2-propyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	8.74 ng/ul	865322	Naphthalene-d8	10.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-propyl-	136	C9H12O	000644-35-9	58
2	Phenol, 2-propyl-	136	C9H12O	000644-35-9	58
3	Phenol, 4-propyl-	136	C9H12O	000645-56-7	52
4	Phenol, 3-propyl-	136	C9H12O	000621-27-2	50
5	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	47





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Operator : UM/SJ
Sample : H6039-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8S1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

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

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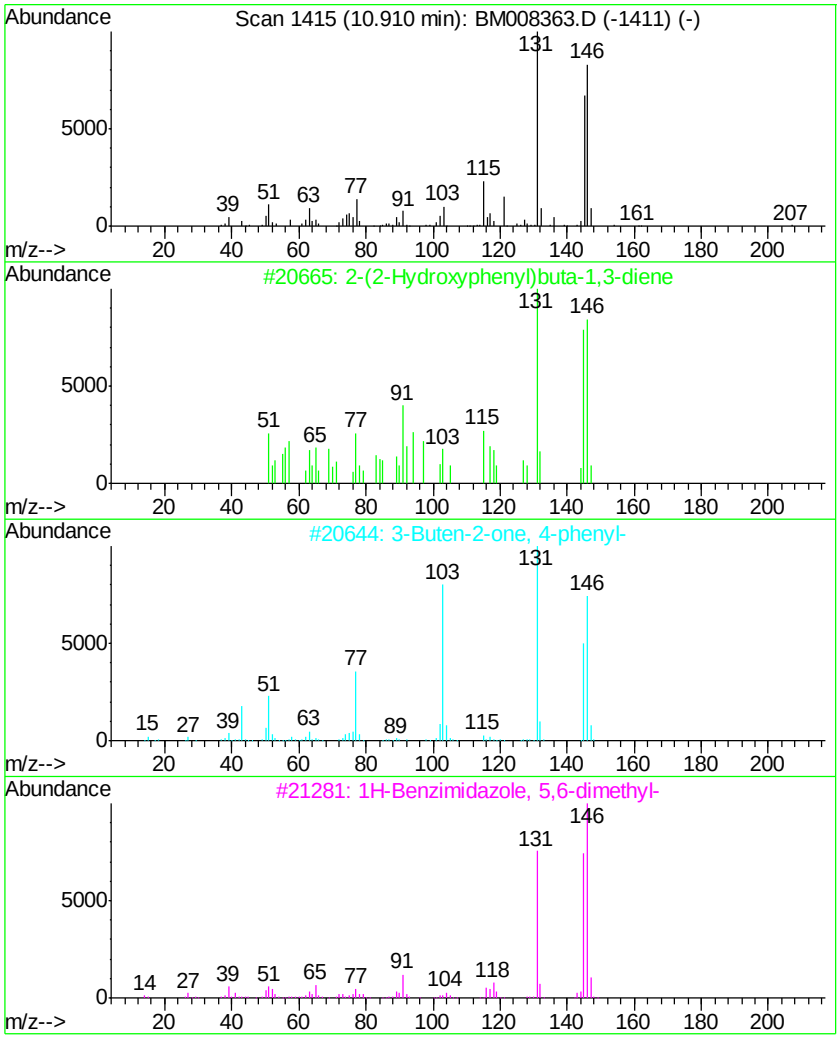
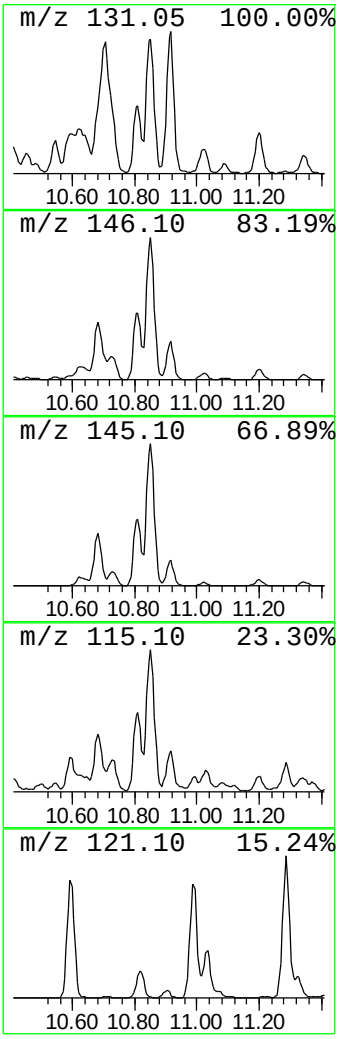
Peak Number 29 2-(2-Hydroxyphenyl)buta-1,3... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.91	9.43 ng/ul	933873	Naphthalene-d8	10.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(2-Hydroxyphenyl)buta-1,3-diene	146	C10H10O	038865-47-3	72
2	3-Buten-2-one, 4-phenyl-	146	C10H10O	000122-57-6	72
3	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	72
4	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	72
5	3-Buten-2-one, 4-phenyl-	146	C10H10O	000122-57-6	72





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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8S1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

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

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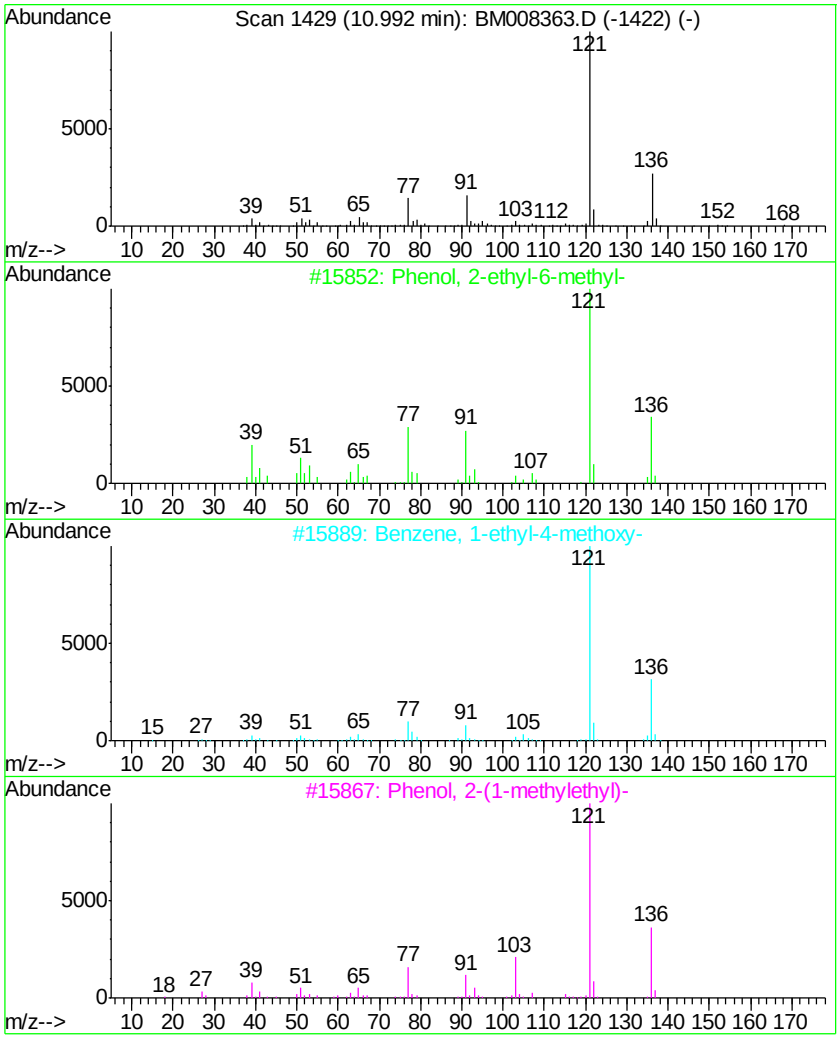
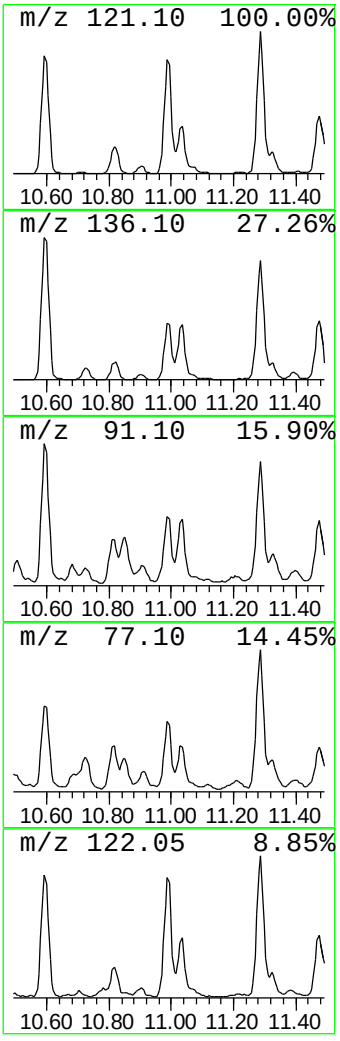
Peak Number 30 Phenol, 2-ethyl-6-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.99	21.47 ng/ul	2126230	Naphthalene-d8	10.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	91
2	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	91
3	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	90
4	Phenol, 4-ethyl-2-methyl-	136	C9H12O	002219-73-0	90
5	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	87





Tentatively Identified Compound (LSC) summary

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Data File : BM008363.D
Acq On : 16 Dec 2016 03:15
Operator : UM/SJ
Sample : H6039-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8S1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.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
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Benzene, 1,2,3-tr...	7.31	11.2	ng/ul	606606	1	7.66	1083400	20.0
Cyclohexanone, 4-...	7.49	9.1	ng/ul	494916	1	7.66	1083400	20.0
2H-1,2-Oxazine, 3...	7.97	17.2	ng/ul	931575	1	7.66	1083400	20.0
Indane	8.03	7.3	ng/ul	395128	1	7.66	1083400	20.0
Indene	8.19	6.4	ng/ul	347819	1	7.66	1083400	20.0
2-Cyclopenten-1-o...	8.32	21.1	ng/ul	1141800	1	7.66	1083400	20.0
Cyclooctanone, 2-...	8.63	13.7	ng/ul	744197	1	7.66	1083400	20.0
Benzofuran, 2,3-d...	8.73	7.1	ng/ul	386487	1	7.66	1083400	20.0
Ethanone, 1-(1-cy...	8.77	8.8	ng/ul	474719	1	7.66	1083400	20.0
Cyclohexene, 3-(1...	8.95	9.3	ng/ul	504999	1	7.66	1083400	20.0
Benzofuran, 7-met...	9.00	16.9	ng/ul	915388	1	7.66	1083400	20.0
Phenol, 2,6-dimet...	9.08	18.4	ng/ul	1818020	2	10.44	1980650	20.0
Benzofuran, 2-met...	9.19	22.5	ng/ul	2228340	2	10.44	1980650	20.0
unknown-02	9.43	6.8	ng/ul	676800	2	10.44	1980650	20.0
2-Hexenoic acid, ...	9.75	7.5	ng/ul	747323	2	10.44	1980650	20.0
3-Phenylbut-1-ene	9.83	6.2	ng/ul	613543	2	10.44	1980650	20.0
Phenol, 3-ethyl-	9.91	7.9	ng/ul	785226	2	10.44	1980650	20.0
Phenol, 2,5-dimet...	9.95	19.1	ng/ul	1886170	2	10.44	1980650	20.0
Phenol, 3,4,5-tri...	10.27	17.2	ng/ul	1699980	2	10.44	1980650	20.0
unknown-.03	10.34	12.5	ng/ul	1241340	2	10.44	1980650	20.0
unknown-04	10.54	3.4	ng/ul	338915	2	10.44	1980650	20.0
1H-Benzimidazole,...	10.68	13.2	ng/ul	1303430	2	10.44	1980650	20.0
Phenol, 2-propyl-	10.72	8.7	ng/ul	865322	2	10.44	1980650	20.0
2-(2-Hydroxypheny...	10.91	9.4	ng/ul	933873	2	10.44	1980650	20.0
Phenol, 2-ethyl-6...	10.99	21.5	ng/ul	2126230	2	10.44	1980650	20.0