LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
Data File : BM008342.D
Acq On : 15 Dec 2016 14:35
Operator : UM/SJ
Sample : H6039-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8R8

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	2.893	48	52	59	rVB	74790	107944	3.08%	0.239%
2	5.210	441	446	453	rVB	83707	127325	3.63%	0.282%
3	5.340	463	468	482	rBV	147946	336045	9.58%	0.745%
4	5.704	523	530	541	rBV	98493	170520	4.86%	0.378%
5	6.651	685	691	698	rBV	34036	61218	1.74%	0.136%
6	6.763	705	710	714	rBV	64717	92609	2.64%	0.205%
7	6.822	716	720	723	rVV	36445	53854	1.53%	0.119%
8	6.863	723	727	741	rVB2	102613	267758	7.63%	0.594%
9	7.016	747	753	757	rBV	469867	749252	21.35%	1.661%
10	7.057	757	760	768	rVB	108760	178443	5.09%	0.396%
11	7.204	780	785	798	rVV	486623	851512	24.27%	1.888%
12	7.310	798	803	814	rVB	121431	212837	6.07%	0.472%
13	7.669	858	864	873	rBV	512407	871096	24.83%	1.932%
14	7.775	876	882	892	rVB	74729	133908	3.82%	0.297%
15	7.975	910	916	921	rBV4	44369	89788	2.56%	0.199%
16	8.033	921	926	941	rVB	56172	114122	3.25%	0.253%
17	8.204	950	955	961	rVB4	28120	51205	1.46%	0.114%
18	8.322	965	975	981	rBV4	76933	191482	5.46%	0.425%
19	8.386	981	986	994	rVV2	357111	655049	18.67%	1.453%
20	8.751	1041	1048	1051	rBV4	32136	60991	1.74%	0.135%
21	8.786	1051	1054	1056	rVV2	45157	68674	1.96%	0.152%
22	8.828	1056	1061	1075	rVV	660390	1170569	33.36%	2.596%
23	8.951	1075	1082	1086	rVV5	26668	54168	1.54%	0.120%
24	9.010	1086	1092	1100	rVB6	53807	134053	3.82%	0.297%
25	9.116	1100	1110	1118	rBV5	70507	222908	6.35%	0.494%
26	9.198	1118	1124	1135	rVB	147982	295452	8.42%	0.655%
27	9.439	1160	1165	1173	rVB4	40391	70555	2.01%	0.156%
28	9.545	1173	1183	1195	rBV	504541	979325	27.91%	2.172%
29	9.645	1195	1200	1205	rVV5	55072	119823	3.42%	0.266%
30	9.692	1205	1208	1214	rVV3	52818	98855	2.82%	0.219%
31	9.751	1214	1218	1226	rVB	37742	57668	1.64%	0.128%
32	9.845	1226	1234	1245	rBV4	74175	215207	6.13%	0.477%
33	9.951	1245	1252	1264	rVV5	117084	262433	7.48%	0.582%
34	10.080	1268	1274	1294	rBV	679856	1428047	40.70%	3.167%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
Data File : BM008342.D
Acq On : 15 Dec 2016 14:35
Operator : UM/SJ
Sample : H6039-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8R8

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	10.286	1304	1309	1311	rBV3	33600	55160	1.57%	0.122%
36	10.339	1314	1318	1324	rVV7	38668	81677	2.33%	0.181%
37	10.439	1328	1335	1341	rVV	712206	1237097	35.26%	2.743%
38	10.492	1341	1344	1350	rVB	133754	216103	6.16%	0.479%
39	10.604	1357	1363	1373	rBV4	64716	174964	4.99%	0.388%
40	10.686	1373	1377	1382	rBV2	63884	109675	3.13%	0.243%
41	10.816	1393	1399	1403	rBV3	112668	213846	6.09%	0.474%
42	10.857	1403	1406	1413	rVV	109714	210226	5.99%	0.466%
43	10.921	1413	1417	1423	rVV	39585	67176	1.91%	0.149%
44	11.004	1423	1431	1434	rVV	45291	86540	2.47%	0.192%
45	11.045	1434	1438	1443	rVB4	57861	102371	2.92%	0.227%
46	11.292	1474	1480	1484	rBV	195584	340667	9.71%	0.755%
47	11.327	1484	1486	1495	rVB4	44167	81719	2.33%	0.181%
48	11.480	1504	1512	1516	rBV	59294	107649	3.07%	0.239%
49	11.533	1516	1521	1526	rVV	152871	289136	8.24%	0.641%
50	11.580	1526	1529	1534	rVV	86579	165851	4.73%	0.368%
51	11.651	1538	1541	1547	rVB4	34116	61712	1.76%	0.137%
52	11.863	1573	1577	1582	rVB	62699	95502	2.72%	0.212%
53	11.998	1593	1600	1602	rBV5	29914	47050	1.34%	0.104%
54	12.063	1607	1611	1616	rVB3	45639	67675	1.93%	0.150%
55	12.116	1616	1620	1625	rVB3	64938	97109	2.77%	0.215%
56	12.168	1625	1629	1638	rBV2	135684	280635	8.00%	0.622%
57	12.268	1641	1646	1649	rBV	52599	88407	2.52%	0.196%
58	12.333	1654	1657	1665	rVB2	84598	165501	4.72%	0.367%
59	12.451	1672	1677	1681	rBV2	99513	157068	4.48%	0.348%
60	12.498	1681	1685	1694	rVV	240102	481780	13.73%	1.068%
61	12.568	1694	1697	1702	rVV2	70514	103694	2.96%	0.230%
62	12.645	1705	1710	1715	rVB4	45363	73327	2.09%	0.163%
63	12.721	1715	1723	1730	rBV3	141721	355404	10.13%	0.788%
64	12.774	1730	1732	1738	rVB4	31714	44641	1.27%	0.099%
65	12.904	1750	1754	1763	rVB4	28386	71331	2.03%	0.158%
66	12.986	1763	1768	1771	rBV2	75507	128380	3.66%	0.285%
67	13.180	1798	1801	1810	rVB5	72150	136556	3.89%	0.303%
68	13.357	1825	1831	1836	rBV5	30178	51520	1.47%	0.114%
69	13.463	1843	1849	1850	rBV2	62219	93456	2.66%	0.207%
70	13.486	1850	1853	1860	rVB3	105442	183298	5.22%	0.406%
71	13.551	1860	1864	1867	rBV2	57329	78266	2.23%	0.174%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
Data File : BM008342.D
Acq On : 15 Dec 2016 14:35
Operator : UM/SJ
Sample : H6039-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8R8

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

72	13.586	1867	1870	1874	rVV2	39435	52117	1.49%	0.116%
73	13.686	1880	1887	1889	rBV4	93470	158404	4.51%	0.351%
74	13.727	1889	1894	1904	rVB	1537800	2194695	62.55%	4.867%
75	13.815	1904	1909	1914	rBV3	63125	109814	3.13%	0.244%
76	13.910	1922	1925	1929	rBV7	28563	44483	1.27%	0.099%
77	13.998	1935	1940	1950	rVB	1685618	2580401	73.55%	5.722%
78	14.251	1974	1983	1987	rVV9	48576	139607	3.98%	0.310%
79	14.310	1987	1993	1999	rVV	1101564	1708337	48.69%	3.788%
80	14.362	1999	2002	2007	rVV3	74860	121716	3.47%	0.270%
81	14.433	2009	2014	2020	rVV8	56744	121152	3.45%	0.269%
82	14.598	2035	2042	2047	rBV6	49320	123893	3.53%	0.275%
83	14.662	2047	2053	2057	rVV6	67339	163830	4.67%	0.363%
84	14.709	2057	2061	2066	rVB4	48387	102948	2.93%	0.228%
85	14.792	2072	2075	2080	rVB4	52226	81797	2.33%	0.181%
86	14.862	2083	2087	2092	rBV5	26465	57661	1.64%	0.128%
87	15.221	2143	2148	2154	rBV6	39935	97806	2.79%	0.217%
88	15.304	2154	2162	2168	rVV	2126196	3165940	90.23%	7.020%
89	15.362	2169	2172	2180	rVB5	77040	140929	4.02%	0.313%
90	15.462	2184	2189	2198	rBV2	524633	892433	25.44%	1.979%
91	15.768	2237	2241	2244	rBV4	27868	54929	1.57%	0.122%
92	16.562	2372	2376	2380	rBV4	27506	46120	1.31%	0.102%
93	16.651	2386	2391	2398	rVB4	27989	57337	1.63%	0.127%
94	16.815	2415	2419	2425	rBV2	42403	63894	1.82%	0.142%
95	17.062	2454	2461	2467	rBV	1280256	1809962	51.59%	4.014%
96	17.162	2472	2478	2488	rVB	2144317	3142220	89.56%	6.968%
97	19.462	2863	2869	2878	rBV	2507539	3508579	100.00%	7.780%
98	21.262	3170	3175	3186	rBV	1422820	2036030	58.03%	4.515%
99	23.350	3523	3530	3543	rBV2	1745409	3465269	98.77%	7.684%
100	23.491	3548	3554	3566	rVB	928262	1897353	54.08%	4.207%

Sum of corrected areas: 45096520

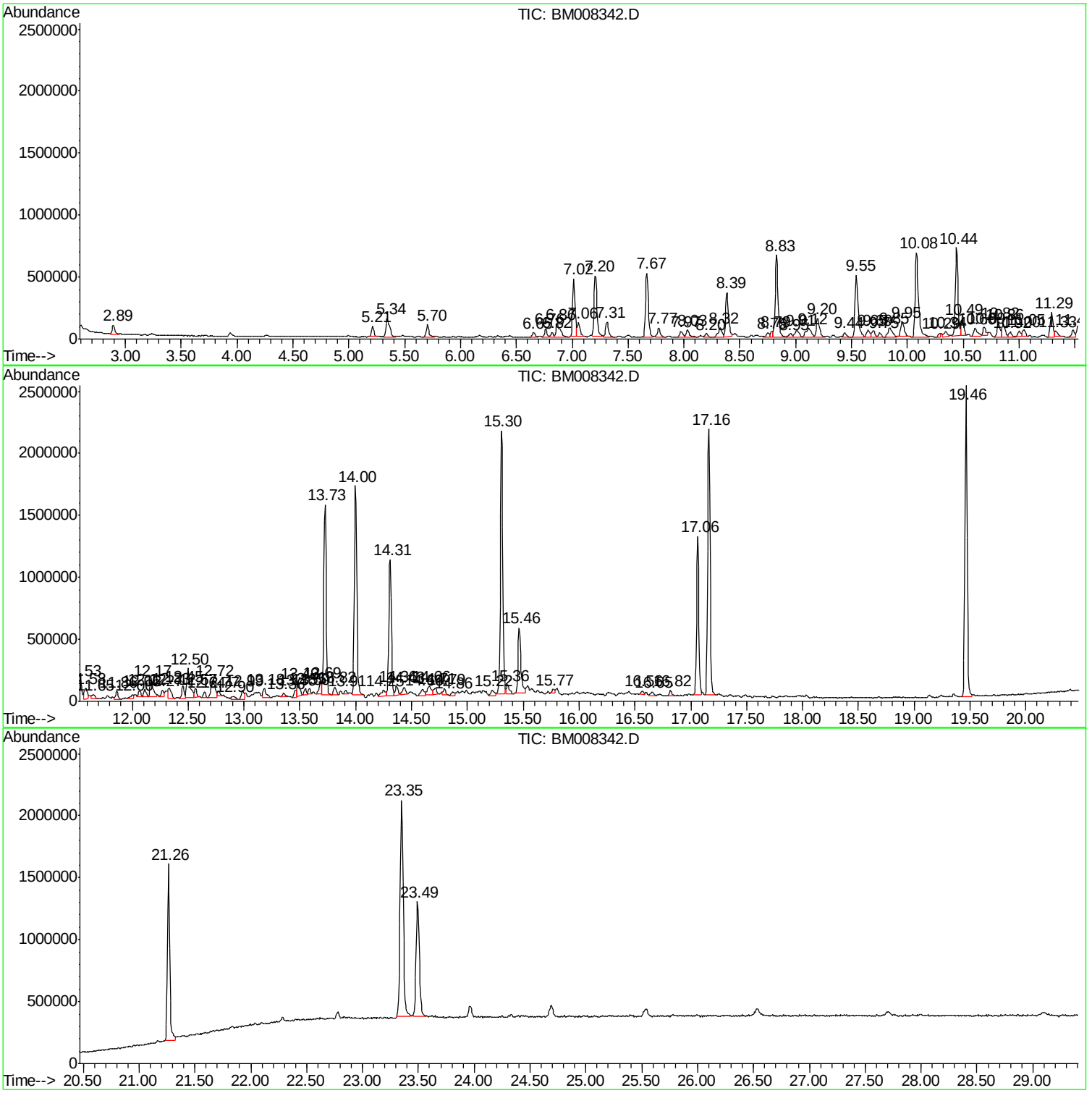
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
Data File : BM008342.D
Acq On : 15 Dec 2016 14:35
Operator : UM/SJ
Sample : H6039-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8R8

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
Data File : BM008342.D
Acq On : 15 Dec 2016 14:35
Operator : UM/SJ
Sample : H6039-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8R8

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

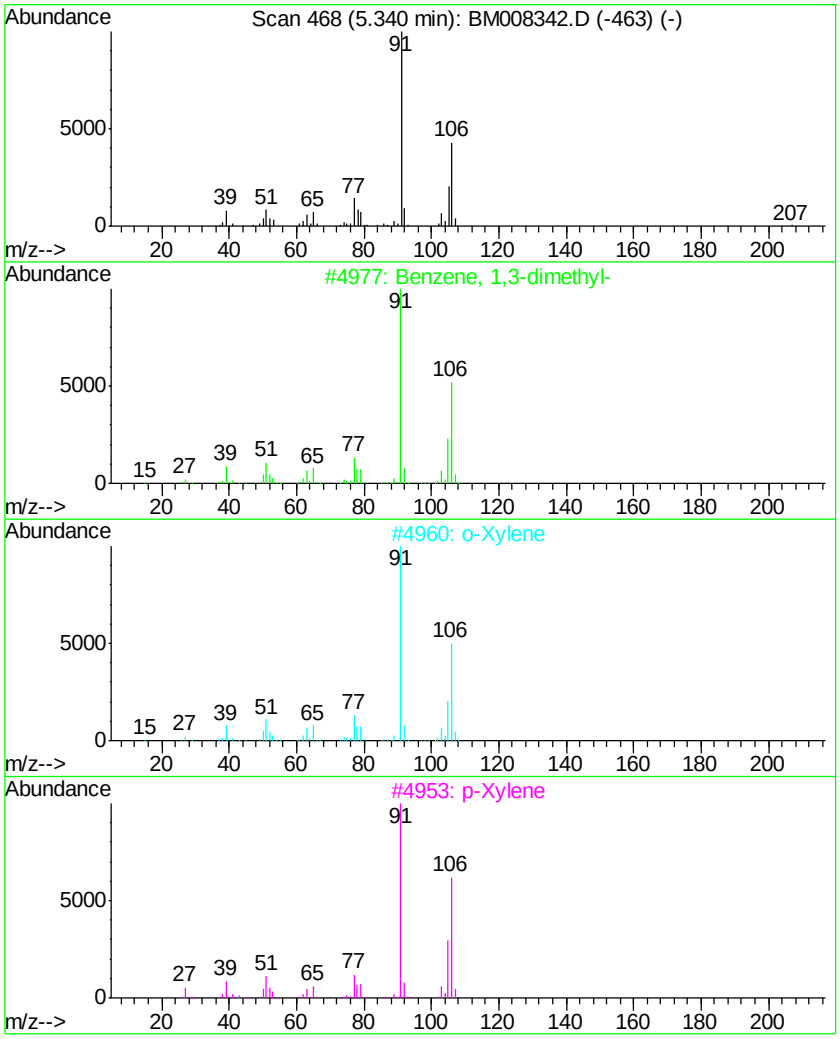
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

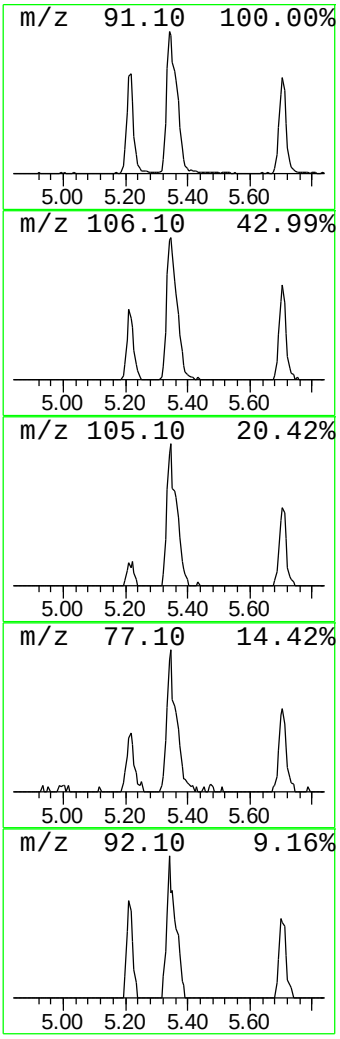
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.34	7.72 ng/ul	336045	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	o-Xylene	106	C8H10	000095-47-6	97
3	p-Xylene	106	C8H10	000106-42-3	95
4	p-Xylene	106	C8H10	000106-42-3	95
5	o-Xylene	106	C8H10	000095-47-6	94





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
Data File : BM008342.D
Acq On : 15 Dec 2016 14:35
Operator : UM/SJ
Sample : H6039-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8R8

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

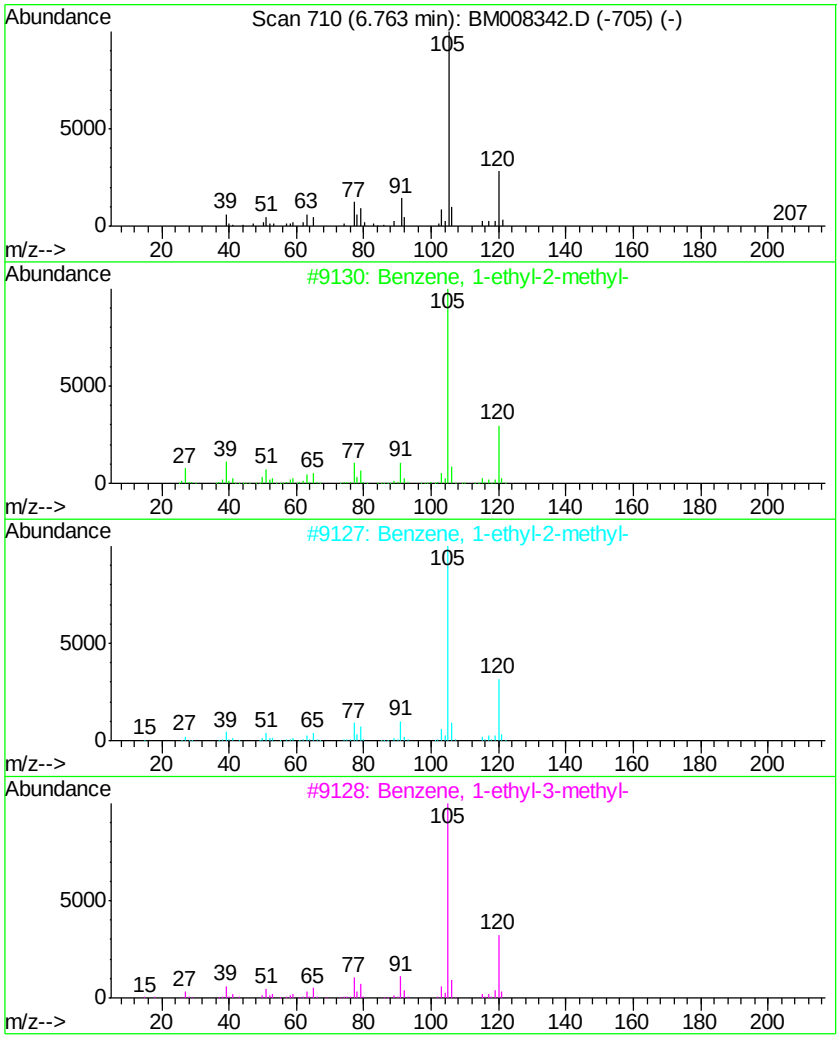
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

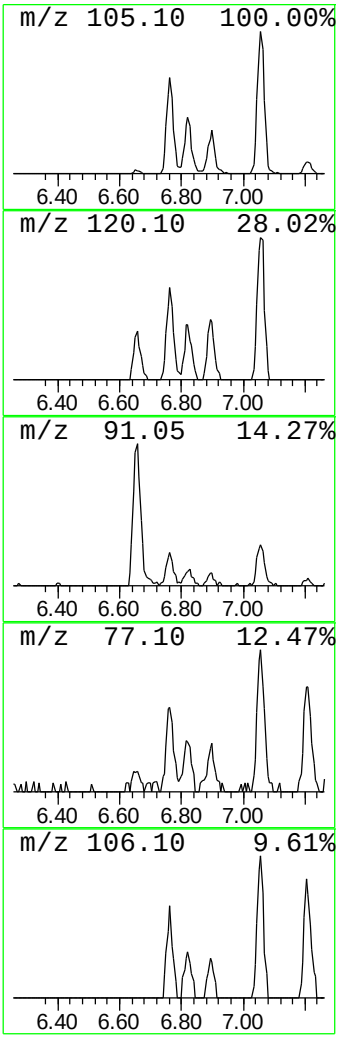
****

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.76	2.13 ng/ul	92609	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
Data File : BM008342.D
Acq On : 15 Dec 2016 14:35
Operator : UM/SJ
Sample : H6039-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8R8

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

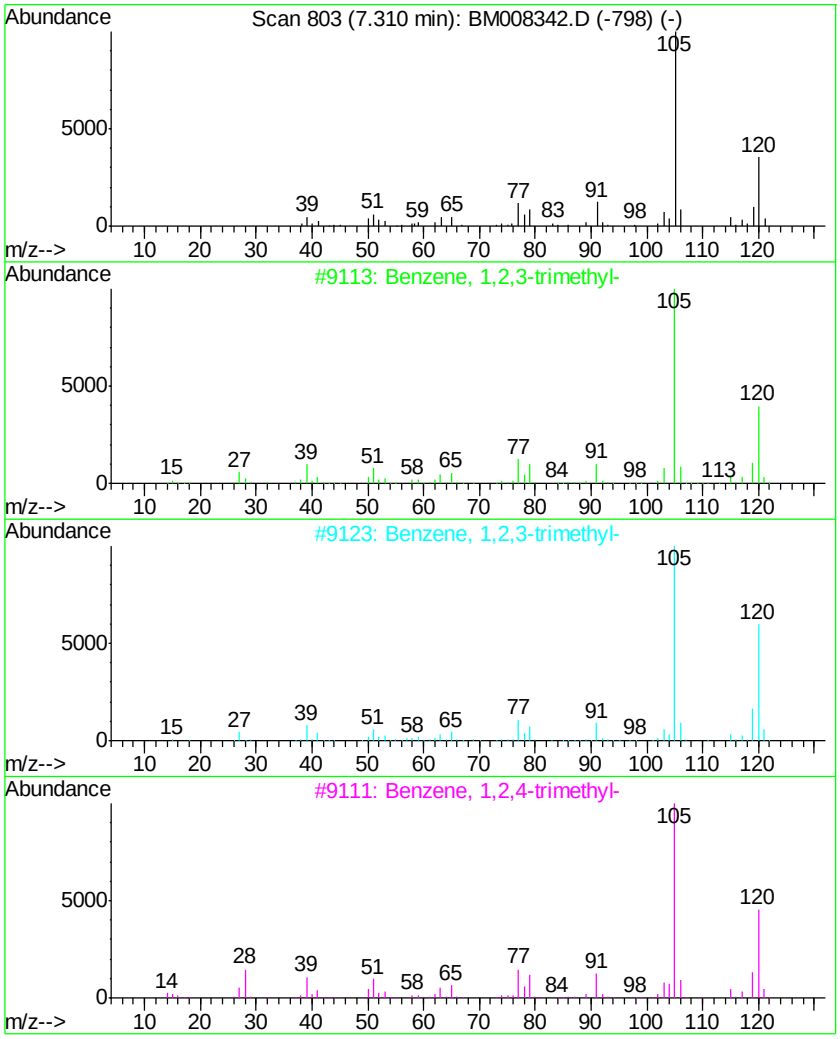
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

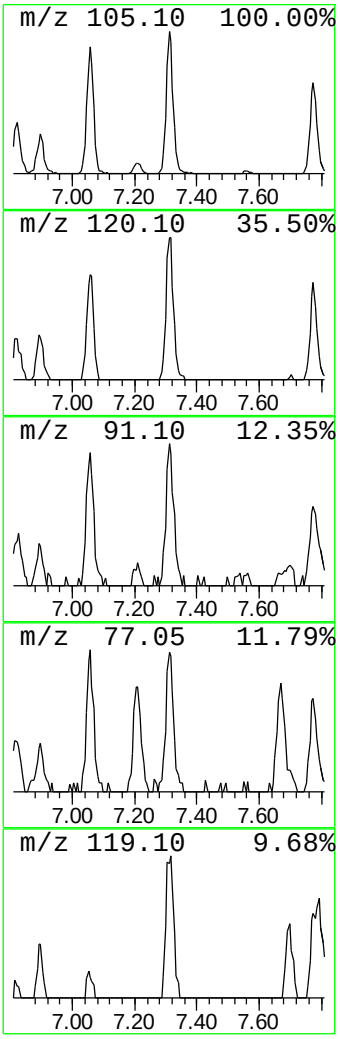
****

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.31	4.89 ng/ul	212837	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
Data File : BM008342.D
Acq On : 15 Dec 2016 14:35
Operator : UM/SJ
Sample : H6039-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8R8

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

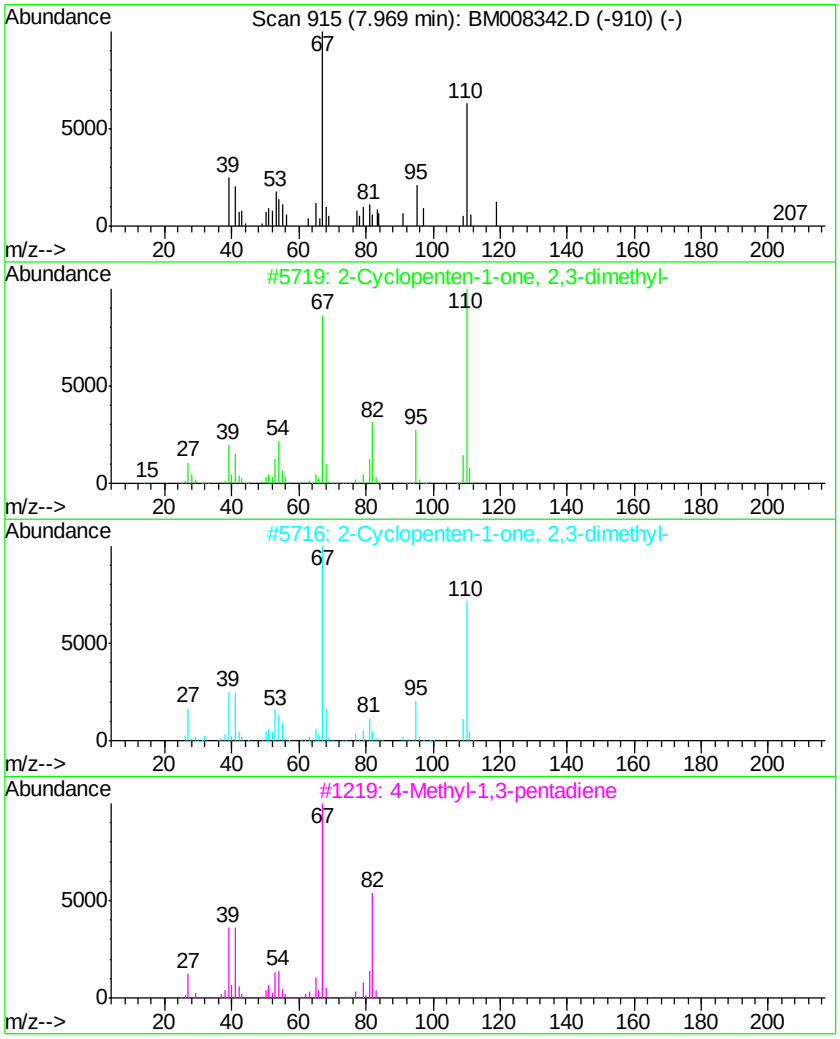
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

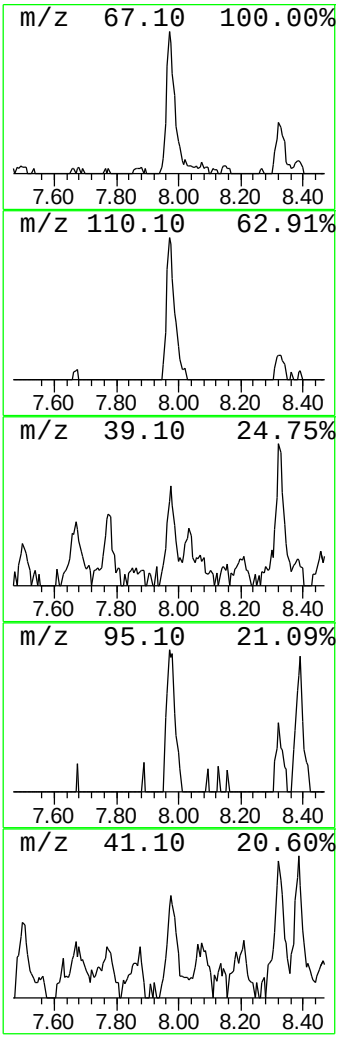
****

Peak Number 8 2-Cyclopenten-1-one, 2,3-di... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.97	2.06 ng/ul	89788	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 2,3-dimethyl-	110	C7H10O	001121-05-7	74
2	2-Cyclopenten-1-one, 2,3-dimethyl-	110	C7H10O	001121-05-7	72
3	4-Methyl-1,3-pentadiene	82	C6H10	000926-56-7	49
4	Isopropenylcyclopropane	82	C6H10	004663-22-3	49
5	Cyclopropane, 1,2-dimethyl-3-met...	82	C6H10	062338-02-7	49





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
Data File : BM008342.D
Acq On : 15 Dec 2016 14:35
Operator : UM/SJ
Sample : H6039-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8R8

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

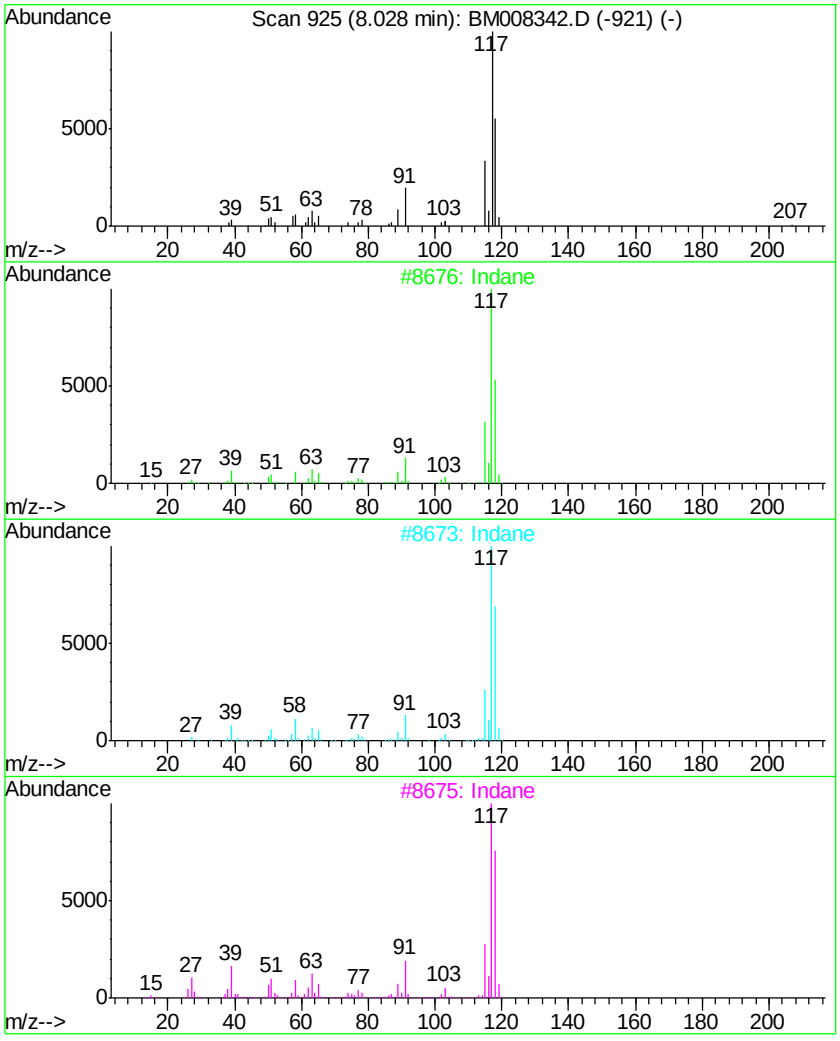
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

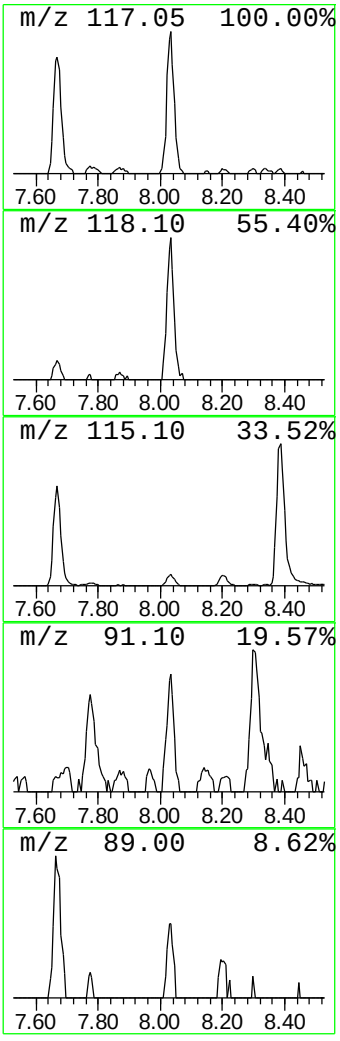
****

Peak Number 9 Indane Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.03	2.62 ng/ul	114122	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	87
3	Indane	118	C9H10	000496-11-7	87
4	Indane	118	C9H10	000496-11-7	87
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	74





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Sample : H6039-02
Misc :
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Instrument : BNA_M
ClientSampleId : DA8R8

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Quant Title : SVOA CALIBRATION

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

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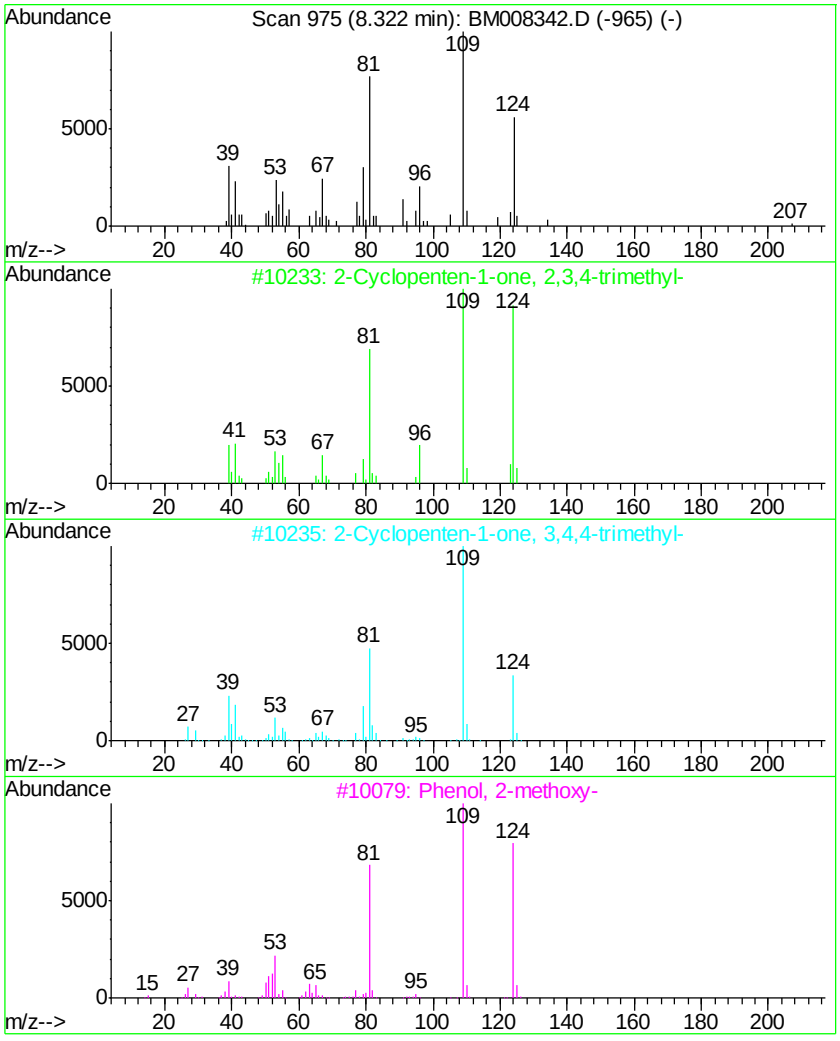
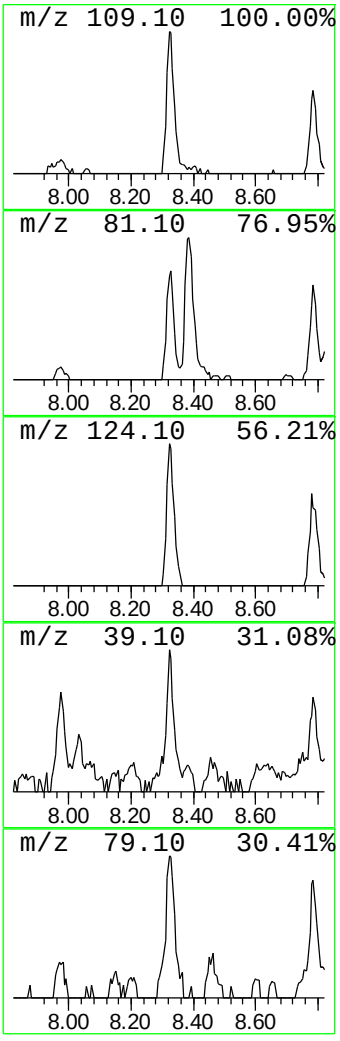
Peak Number 10 2-Cyclopenten-1-one, 2,3,4-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	4.40 ng/ul	191482	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 2,3,4-trime...	124	C8H12O	028790-86-5	90
2	2-Cyclopenten-1-one, 3,4,4-trime...	124	C8H12O	030434-65-2	74
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	68
4	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	64
5	Mequinol	124	C7H8O2	000150-76-5	64





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Instrument : BNA_M
ClientSampleId : DA8R8

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Quant Title : SVOA CALIBRATION

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

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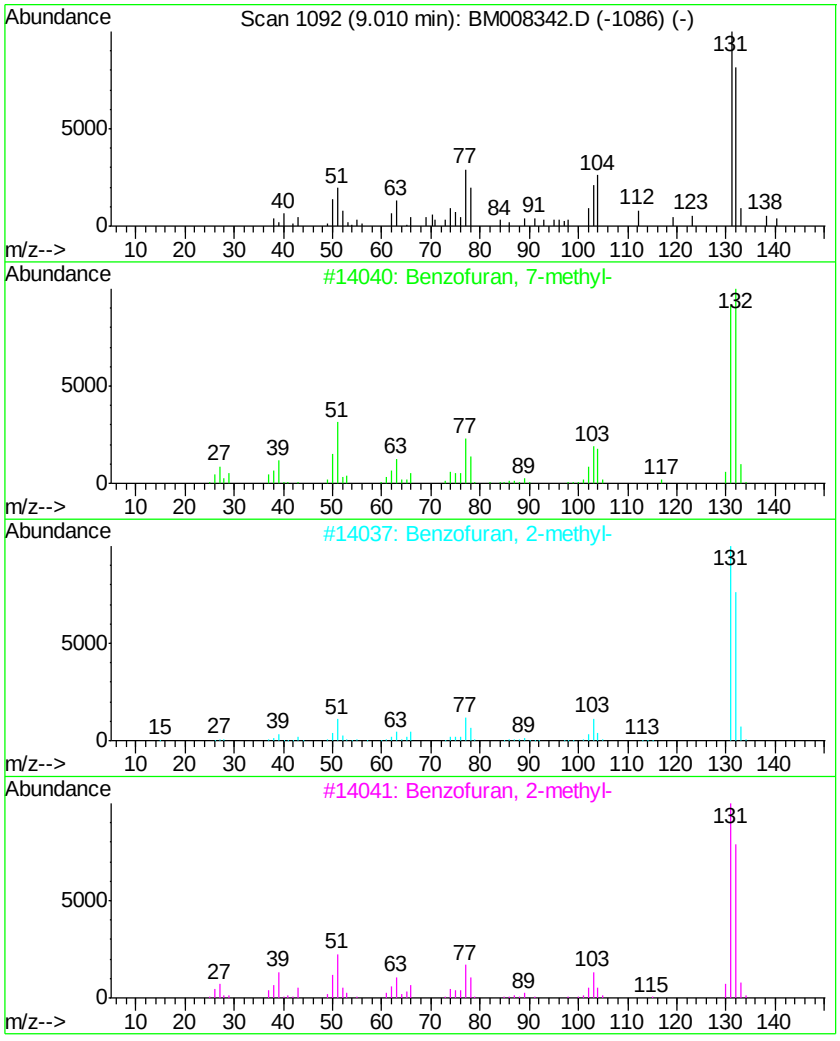
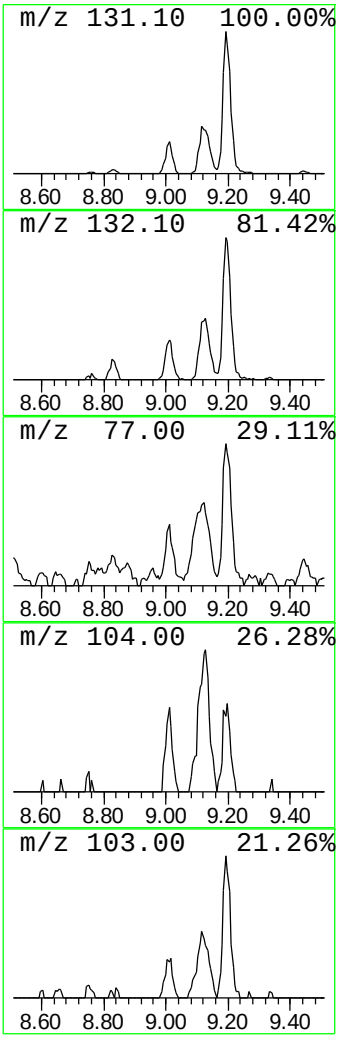
Peak Number 11 Benzofuran, 7-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.01	3.08 ng/ul	134053	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	96
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
5	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	90





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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8R8

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Quant Title : SVOA CALIBRATION

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

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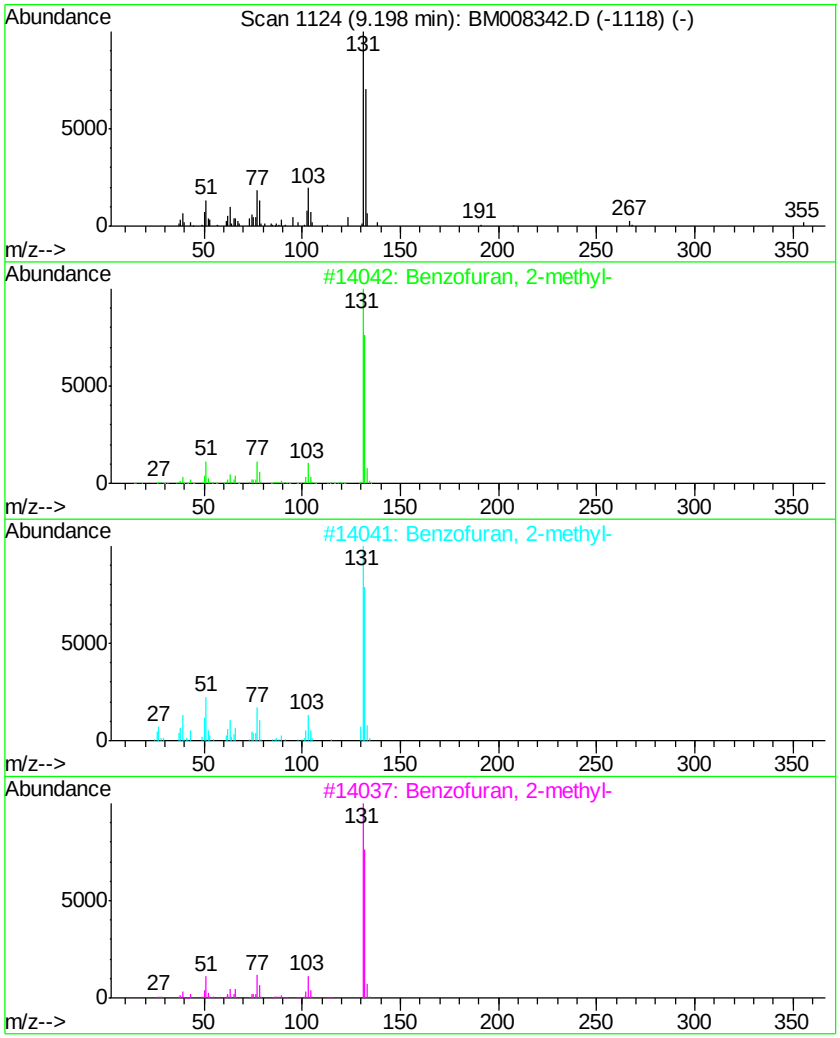
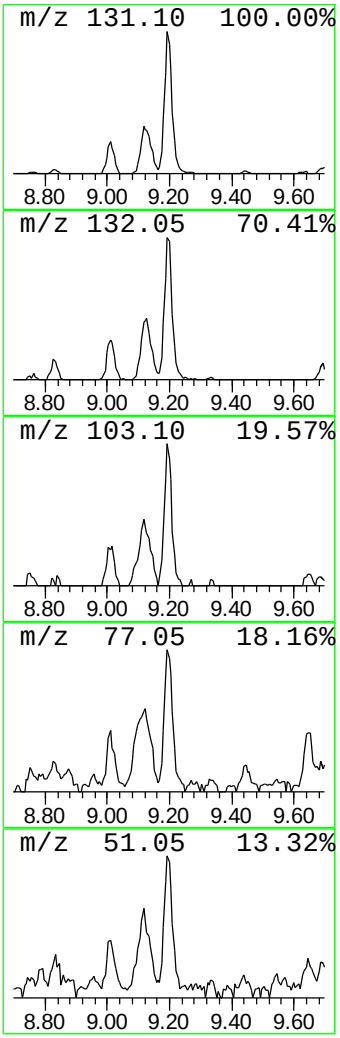
Peak Number 13 Benzofuran, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	4.78 ng/ul	295452	Naphthalene-d8	10.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	87
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	83





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Quant Title : SVOA CALIBRATION

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

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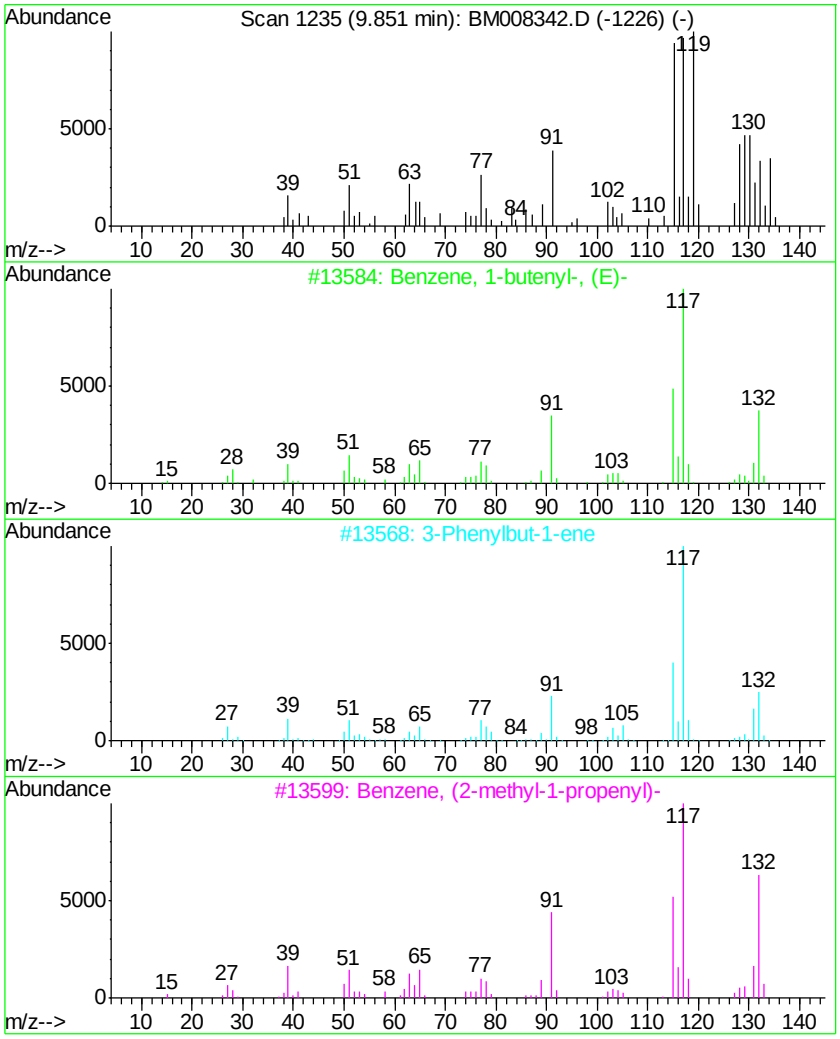
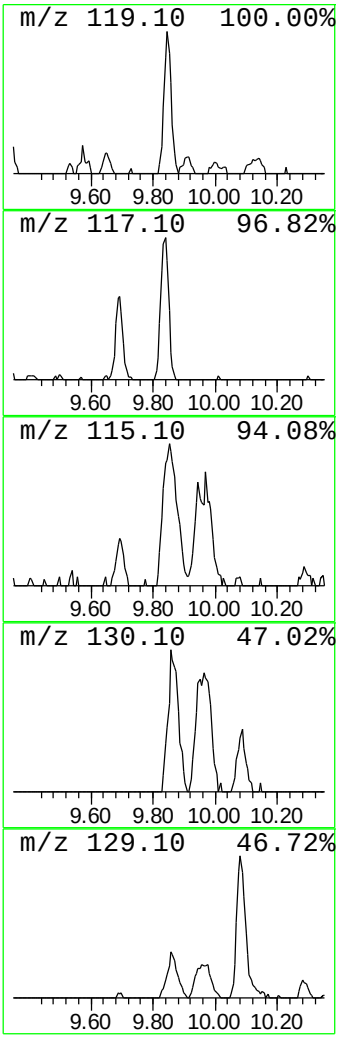
Peak Number 14 Benzene, 1-butenyl-, (E)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	3.48 ng/ul	215207	Naphthalene-d8	10.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-butenyl-, (E)-	132	C10H12	001005-64-7	91
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	60
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	60
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	60
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	50





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Quant Title : SVOA CALIBRATION

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

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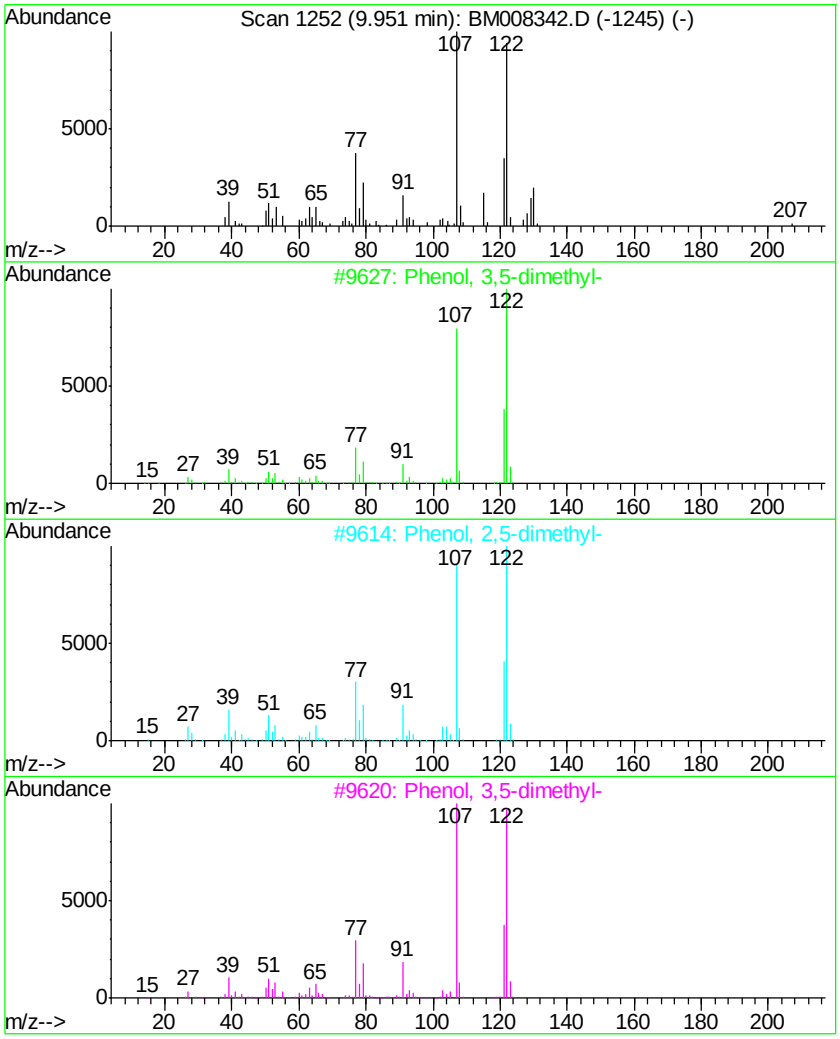
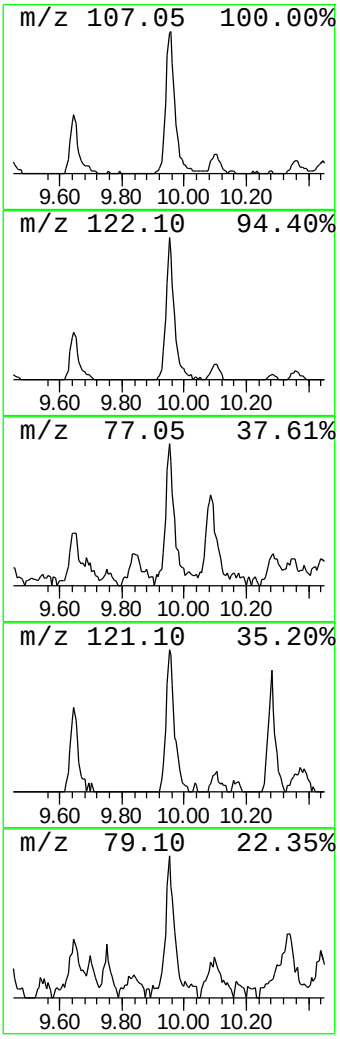
Peak Number 15 Phenol, 3,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	4.24 ng/ul	262433	Naphthalene-d8	10.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	91
2	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	91
3	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	91
4	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	87
5	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	87





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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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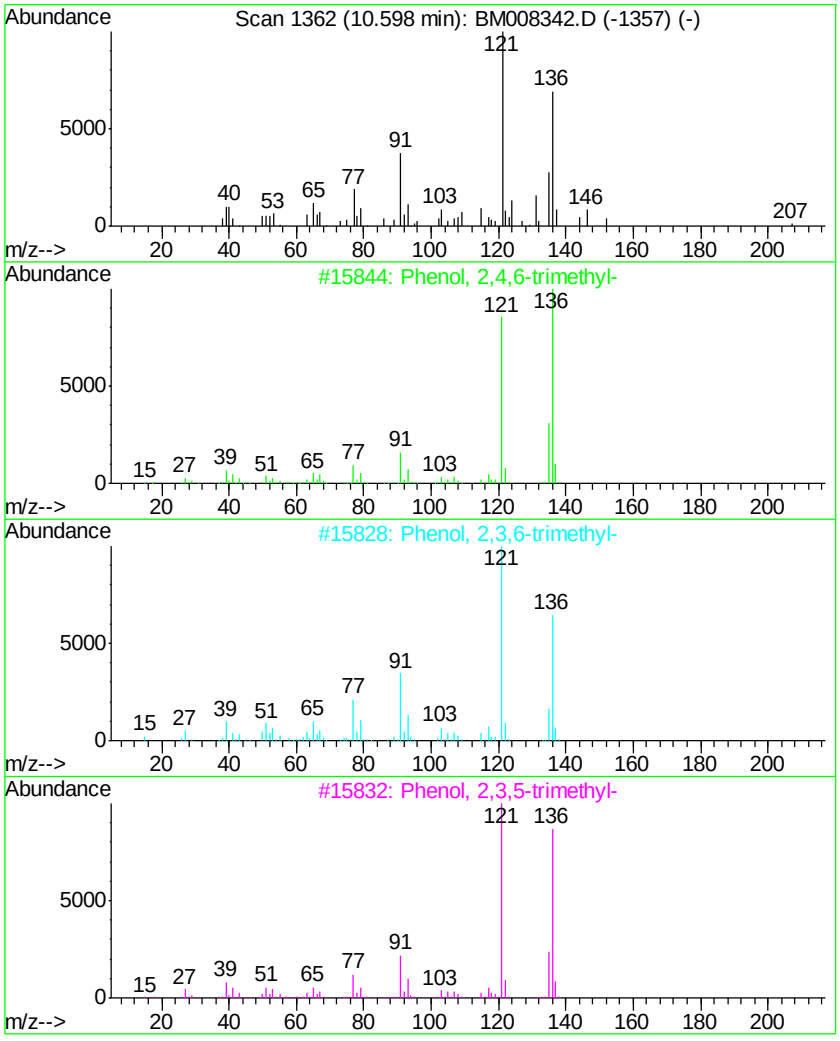
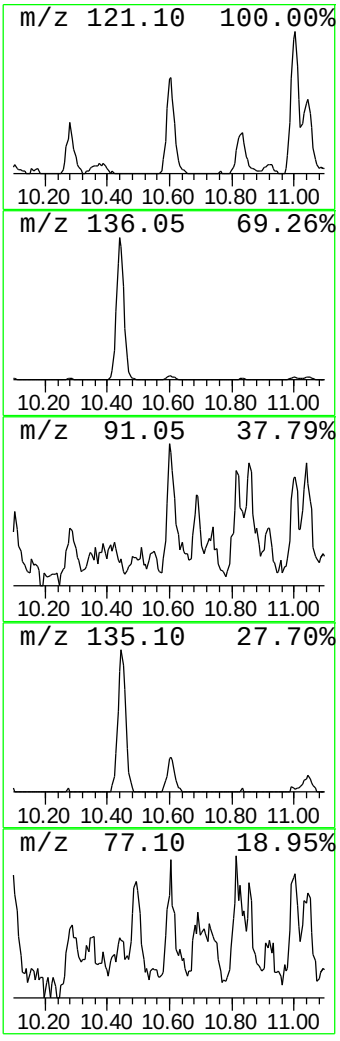
Peak Number 16 Phenol, 2,4,6-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	2.83 ng/ul	174964	Naphthalene-d8	10.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	94
2	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	93
3	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	92
4	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	92
5	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	89





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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8R8

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Quant Title : SVOA CALIBRATION

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

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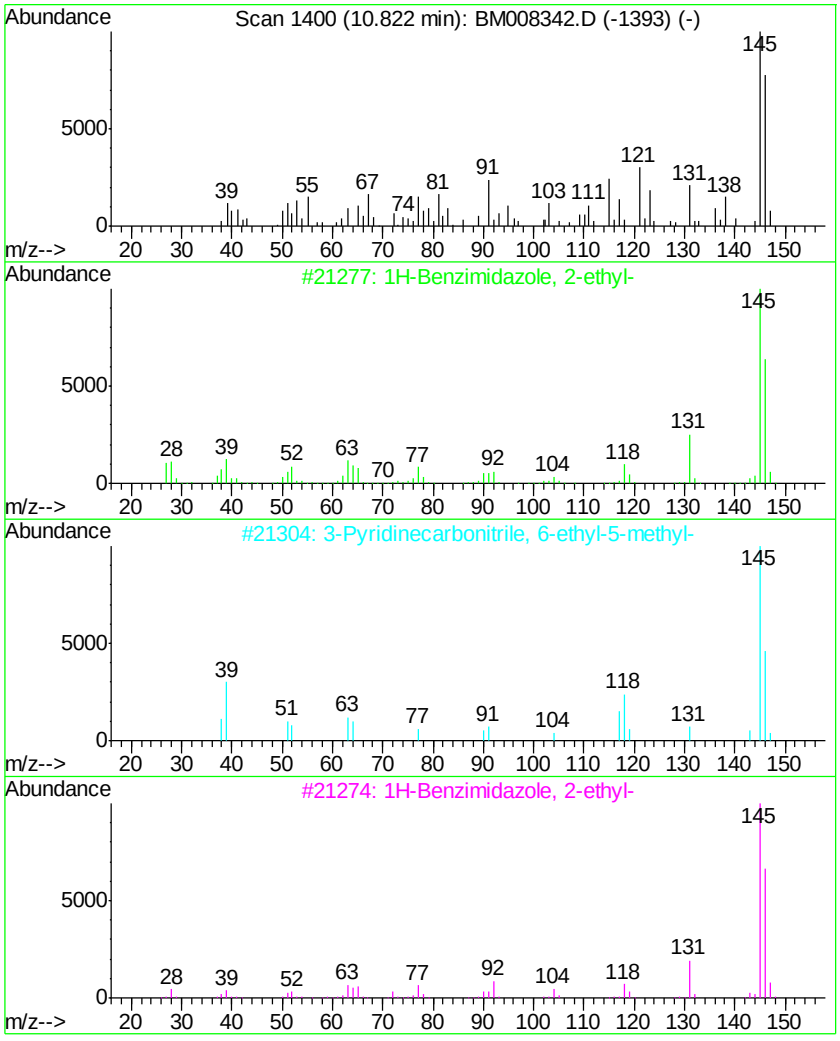
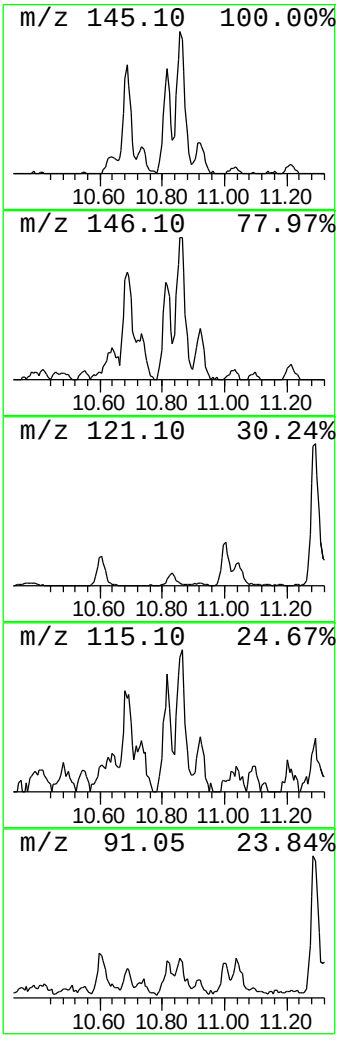
Peak Number 17 1H-Benzimidazole, 2-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	3.46 ng/ul	213846	Naphthalene-d8	10.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	53
2	3-Pyridinecarbonitrile, 6-ethyl-...	146	C9H10N2	110253-41-3	52
3	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	50
4	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	47
5	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	47





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Misc :
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Instrument : BNA_M
ClientSampleId : DA8R8

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Quant Title : SVOA CALIBRATION

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

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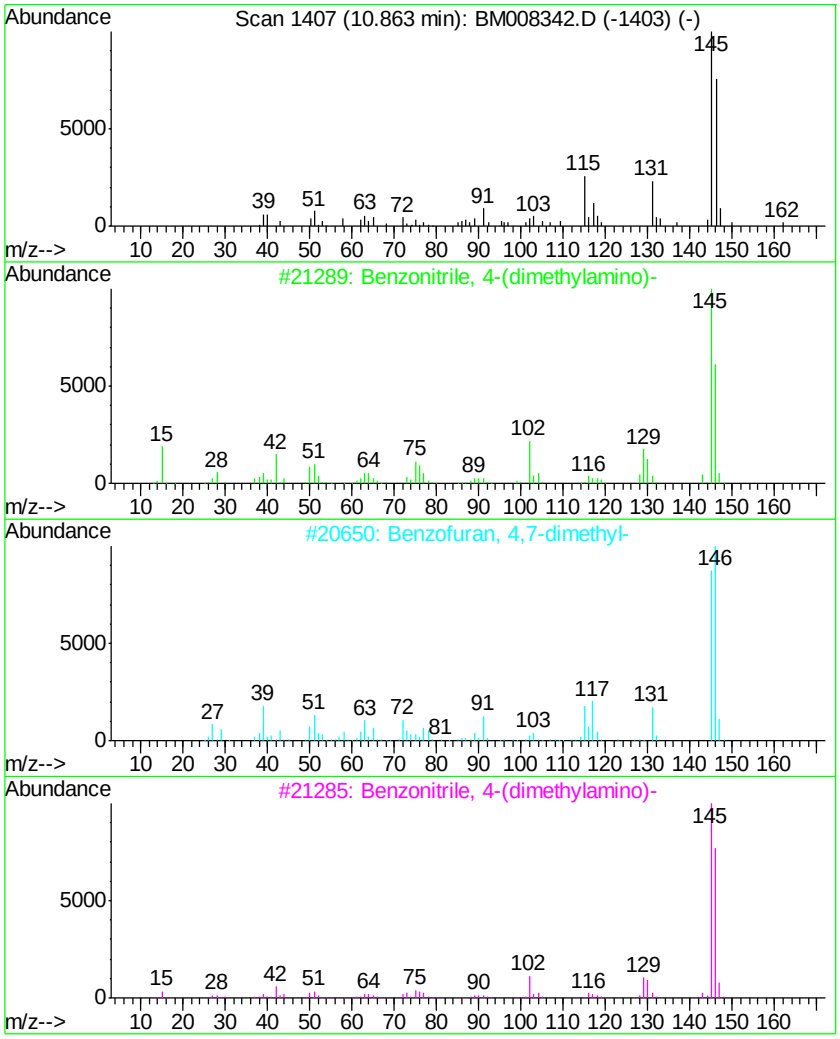
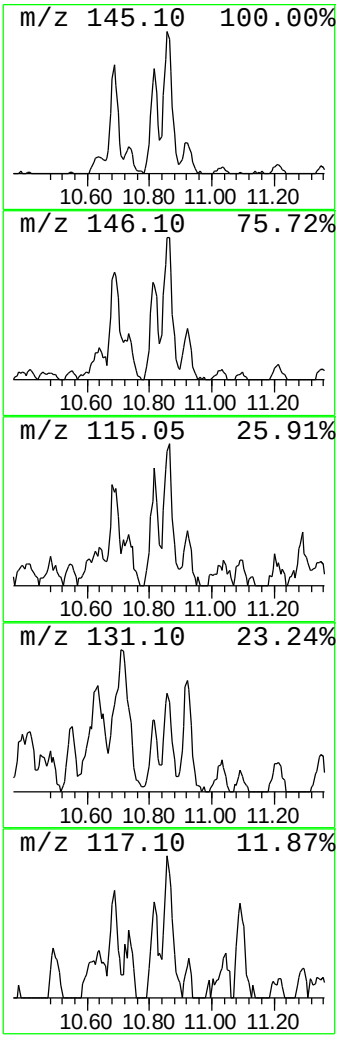
Peak Number 18 Benzonitrile, 4-(dimethylam... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	3.40 ng/ul	210226	Naphthalene-d8	10.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53
2	Benzofuran, 4,7-dimethyl-	146	C10H10O	028715-26-6	52
3	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	52
4	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	45
5	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	43





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Quant Title : SVOA CALIBRATION

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

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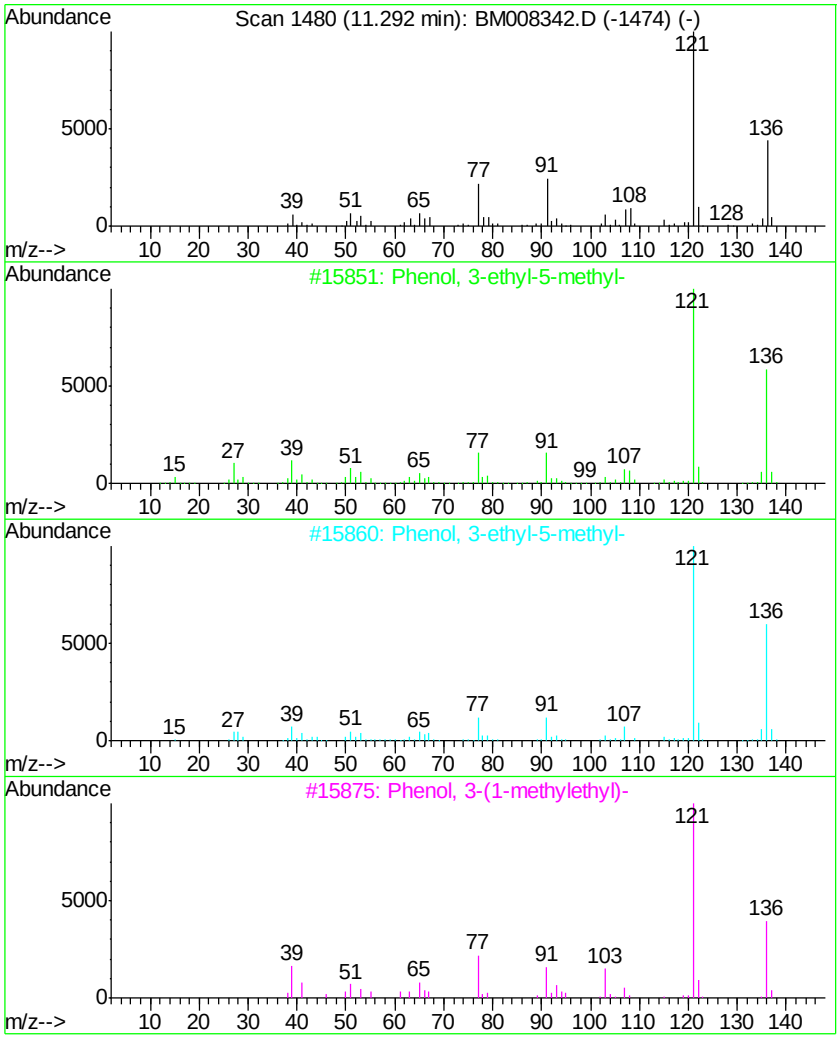
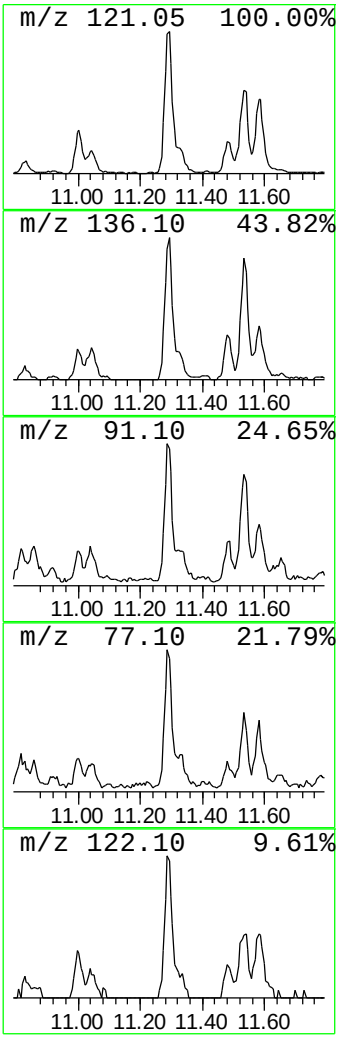
Peak Number 19 Phenol, 3-ethyl-5-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	5.51 ng/ul	340667	Naphthalene-d8	10.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	91
2	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	90
3	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	87
4	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	87
5	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	86





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ClientSampleId : DA8R8

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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, 2-(1-methylethyl)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	2.68 ng/ul	165851	Naphthalene-d8	10.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	91
2	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	87
3	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	87
4	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	86
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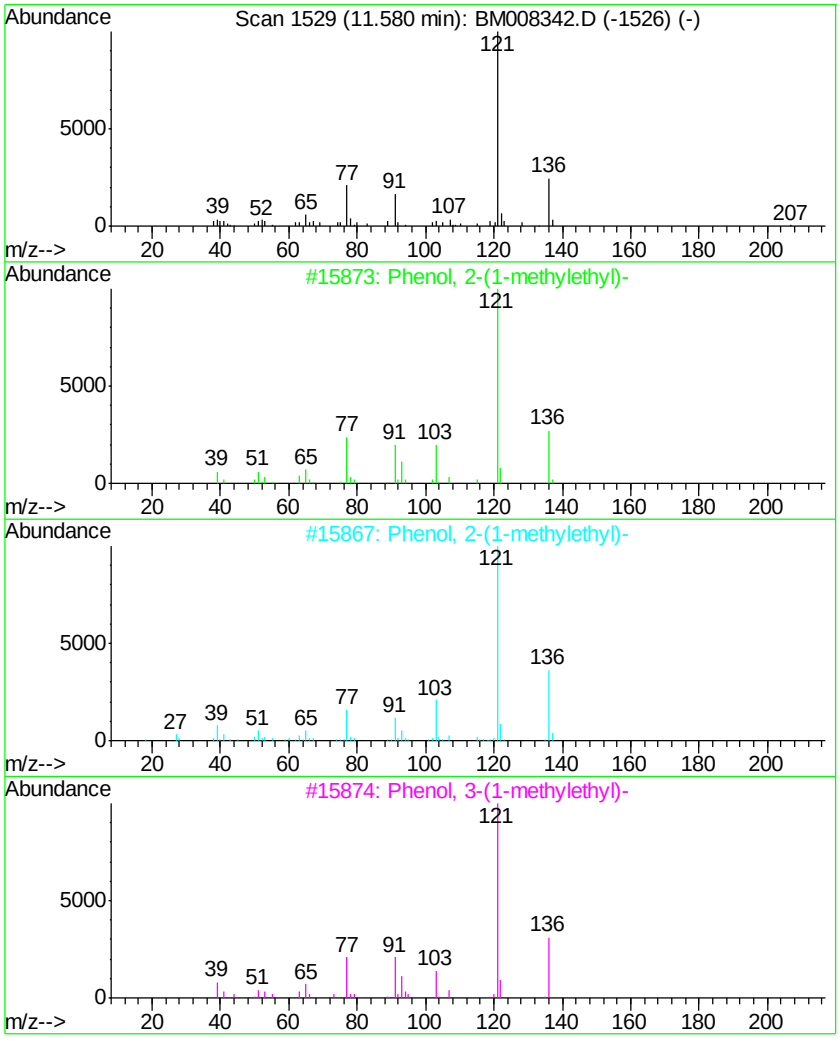

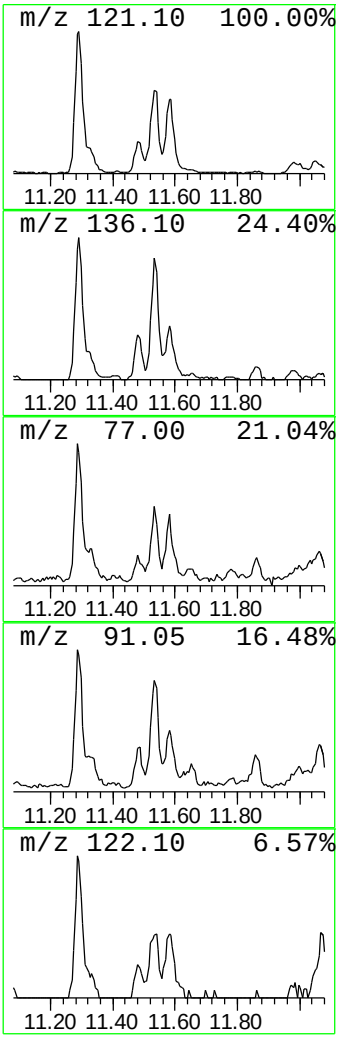

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ClientSampleId : DA8R8

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Quant Title : SVOA CALIBRATION

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

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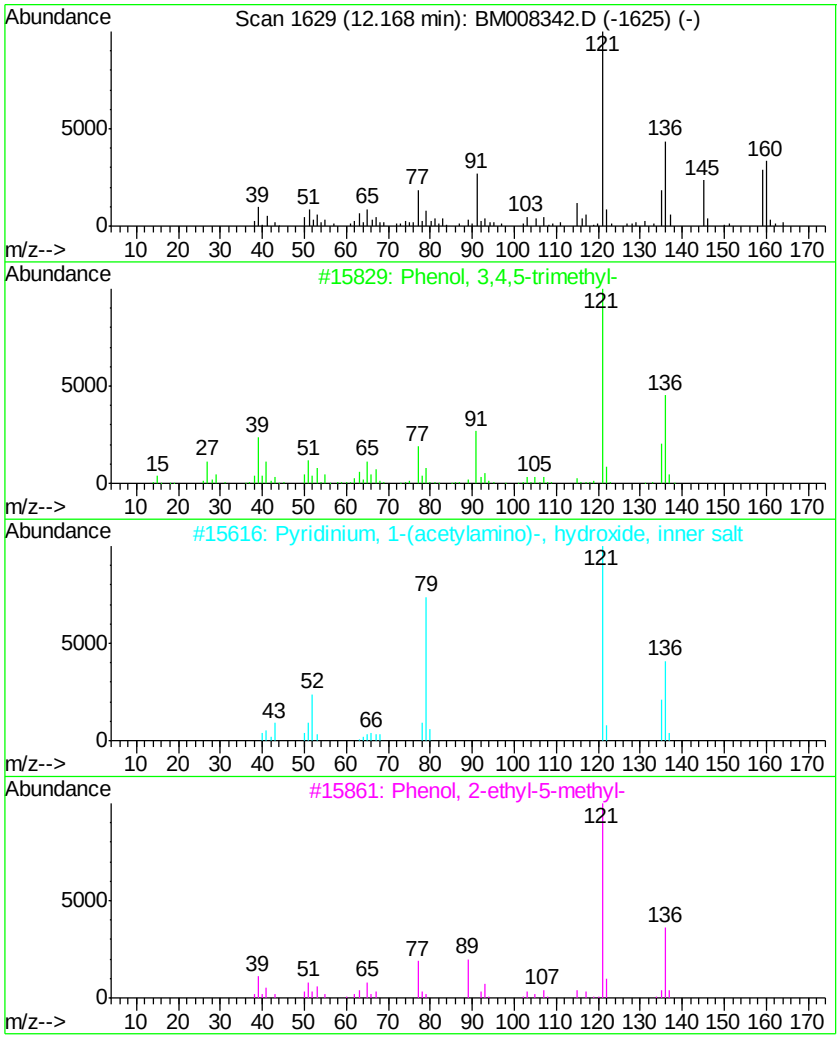
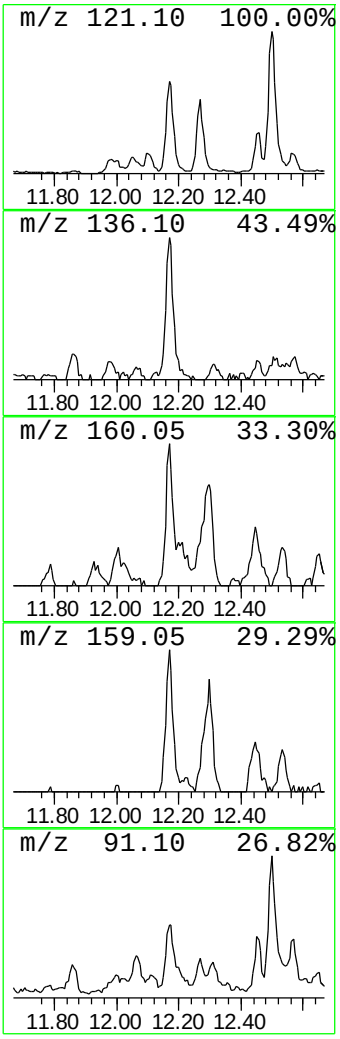
Peak Number 22 Phenol, 3,4,5-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	4.54 ng/ul	280635	Naphthalene-d8	10.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	83
2	Pyridinium, 1-(acetylamino)-, hy...	136	C7H8N2O	001468-29-7	64
3	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	64
4	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	62
5	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	60





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Sample : H6039-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8R8

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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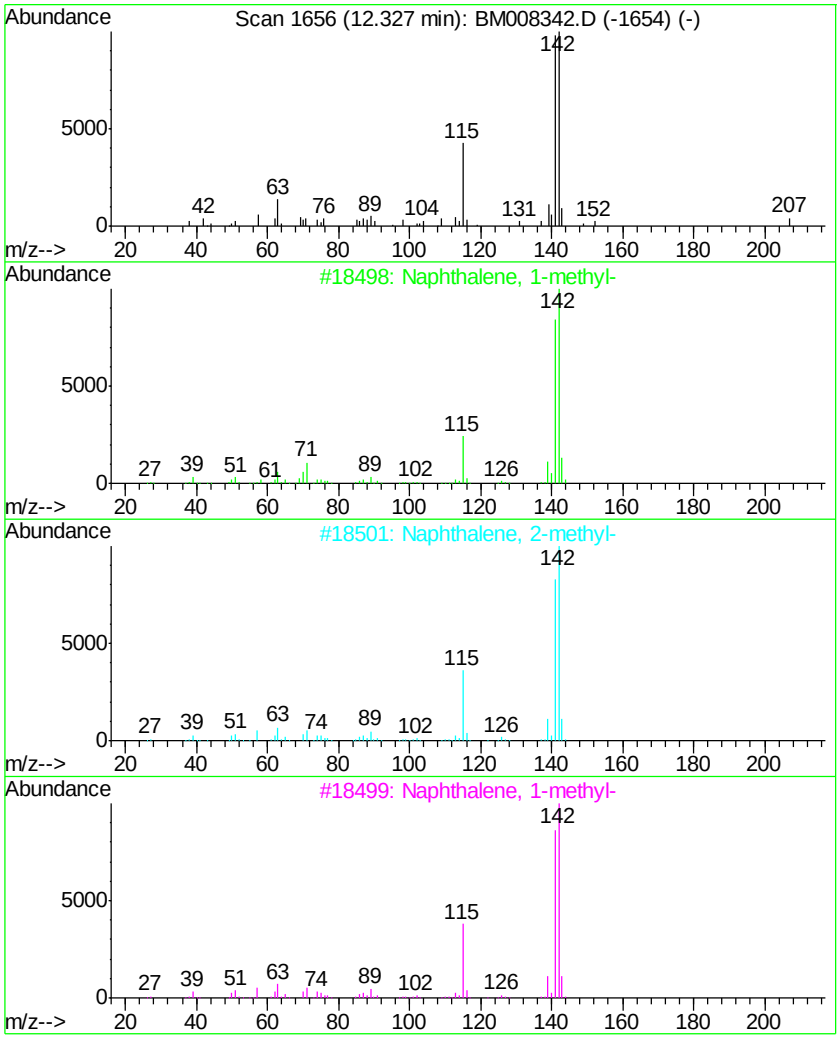
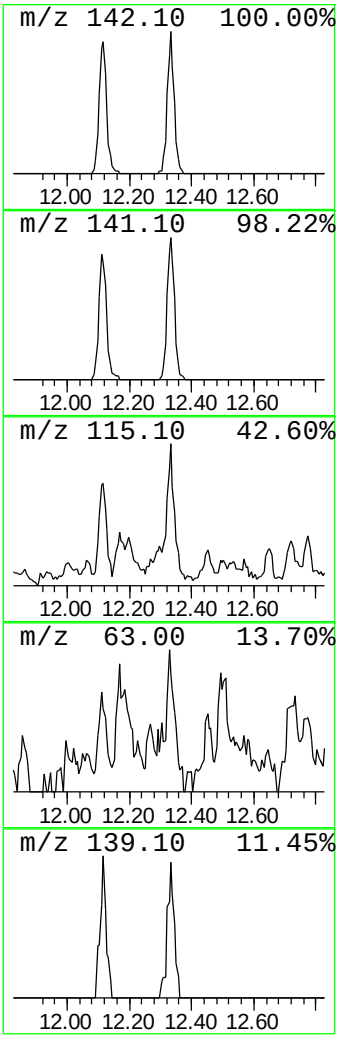
Peak Number 23 Naphthalene, 1-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	2.68 ng/ul	165501	Naphthalene-d8	10.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	90





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Data File : BM008342.D
Acq On : 15 Dec 2016 14:35
Operator : UM/SJ
Sample : H6039-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8R8

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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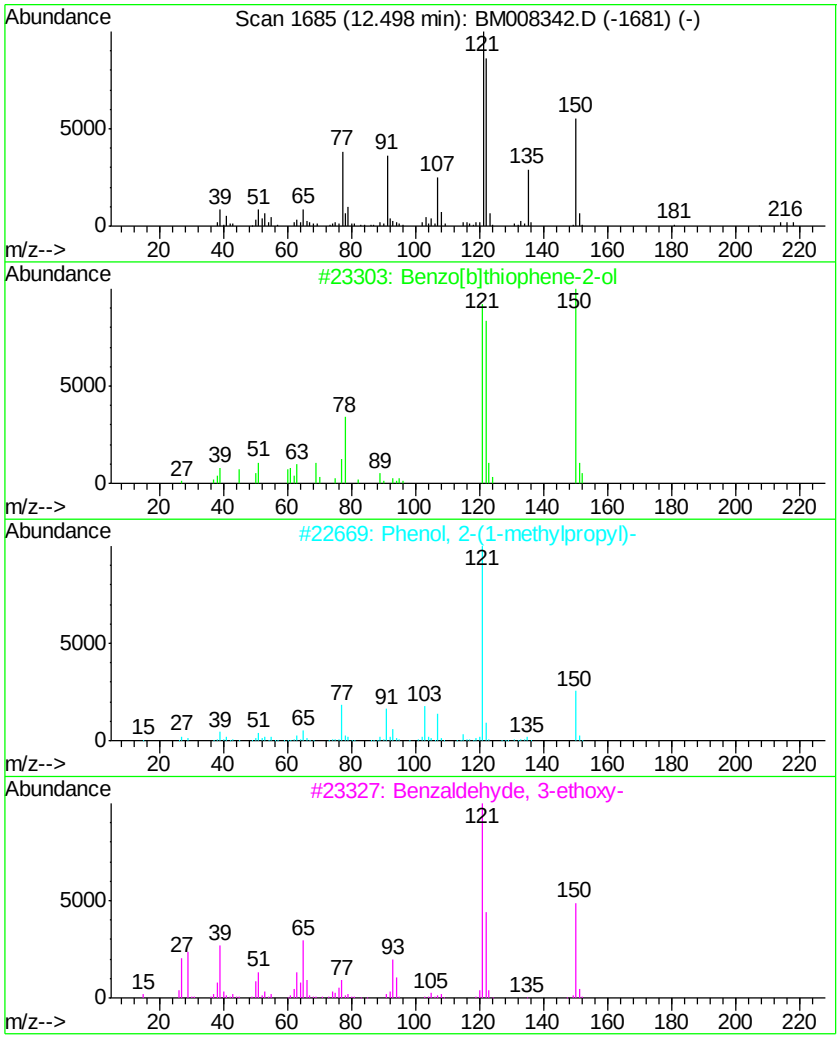
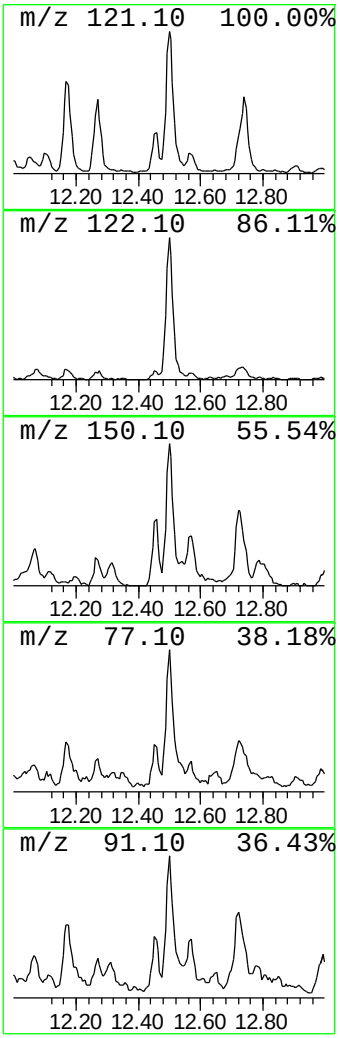
Peak Number 24 Benzo[b]thiophene-2-ol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	5.64 ng/ul	481780	Acenaphthene-d10	14.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene-2-ol	150	C8H6OS	000496-31-1	53
2	Phenol, 2-(1-methylpropyl)-	150	C10H14O	000089-72-5	49
3	Benzaldehyde, 3-ethoxy-	150	C9H10O2	022924-15-8	47
4	Phenol, 2-(1-methylpropyl)-	150	C10H14O	000089-72-5	47
5	Pyrazine, 2-ethyl-6-methyl-	122	C7H10N2	013925-03-6	46





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
Data File : BM008342.D
Acq On : 15 Dec 2016 14:35
Operator : UM/SJ
Sample : H6039-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8R8

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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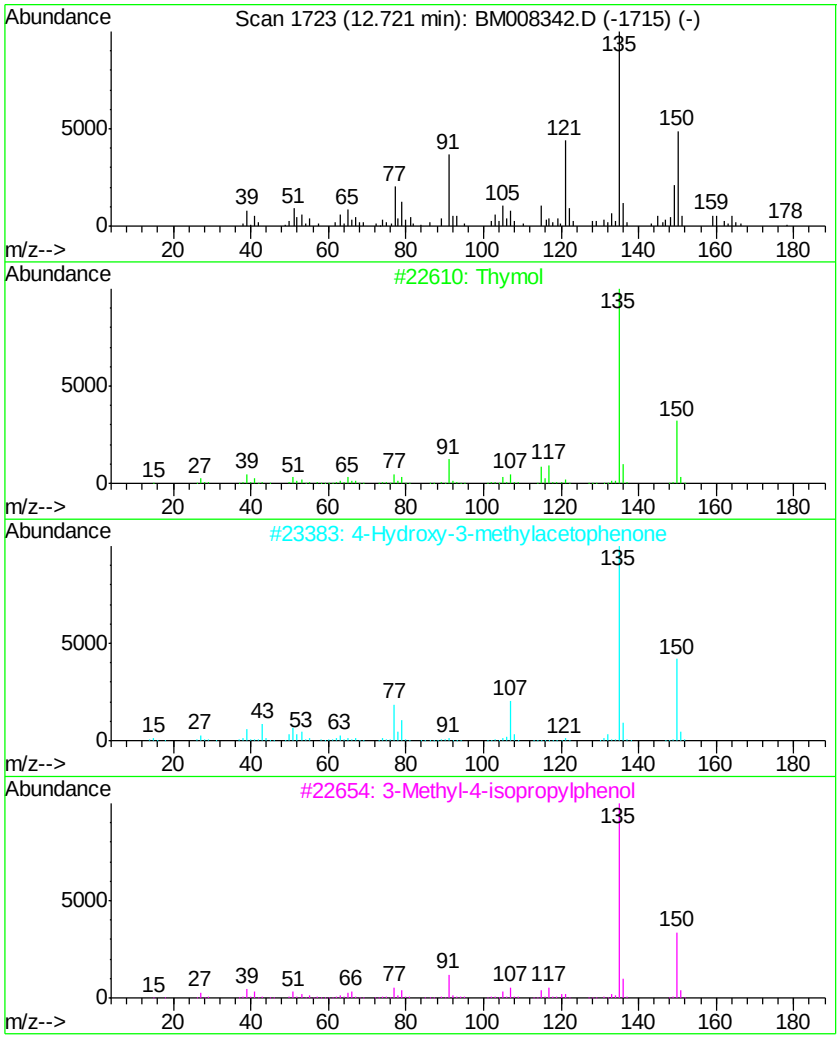
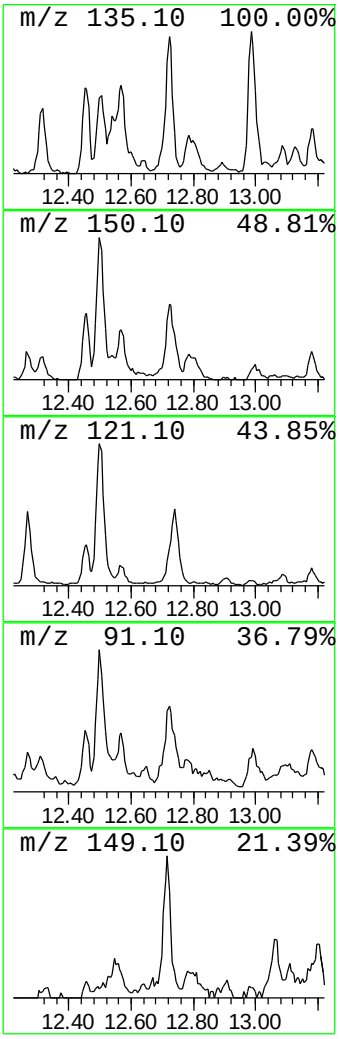
Peak Number 25 Thymol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	4.16 ng/ul	355404	Acenaphthene-d10	14.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thymol	150	C10H14O	000089-83-8	76
2	4-Hydroxy-3-methylacetophenone	150	C9H10O2	000876-02-8	76
3	3-Methyl-4-isopropylphenol	150	C10H14O	003228-02-2	76
4	Ethanone, 1-(2-hydroxy-5-methylp...	150	C9H10O2	001450-72-2	70
5	Phenol, 2-ethyl-4,5-dimethyl-	150	C10H14O	002219-78-5	70





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
Data File : BM008342.D
Acq On : 15 Dec 2016 14:35
Operator : UM/SJ
Sample : H6039-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8R8

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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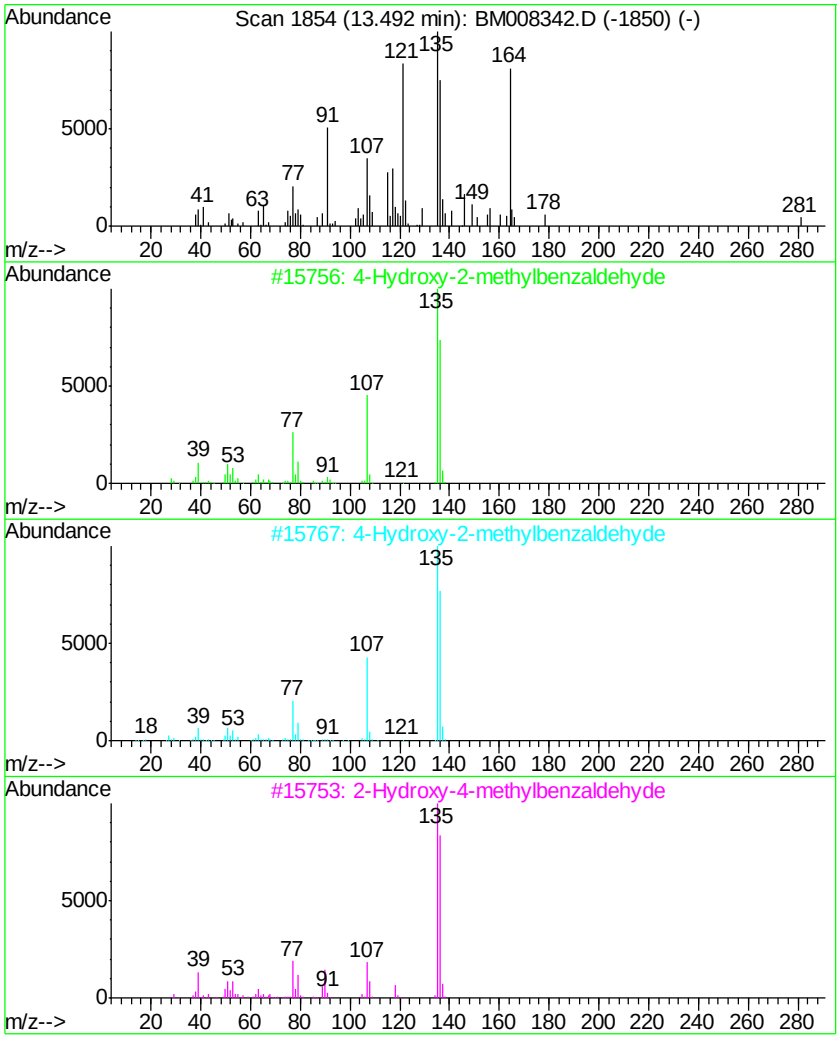
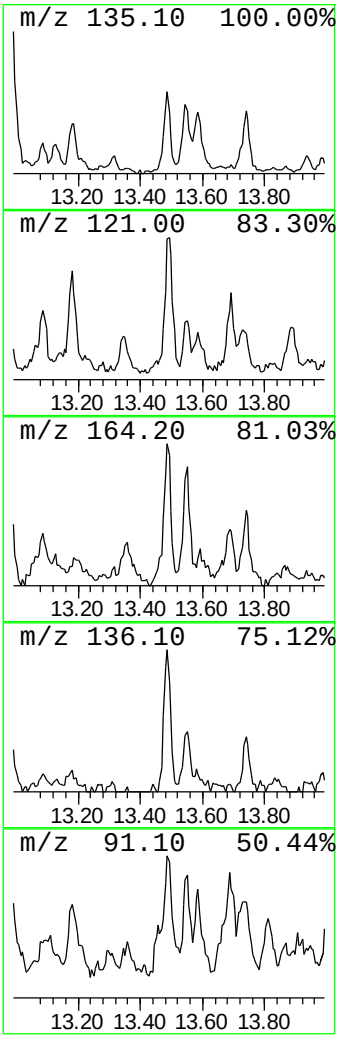
Peak Number 26 4-Hydroxy-2-methylbenzaldehyde Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	2.15 ng/ul	183298	Acenaphthene-d10	14.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Hydroxy-2-methylbenzaldehyde	136	C8H8O2	041438-18-0	60
2	4-Hydroxy-2-methylbenzaldehyde	136	C8H8O2	041438-18-0	60
3	2-Hydroxy-4-methylbenzaldehyde	136	C8H8O2	000698-27-1	53
4	4-Hydroxy-3-methylbenzaldehyde	136	C8H8O2	015174-69-3	53
5	4-Hydroxy-3-methylbenzaldehyde	136	C8H8O2	015174-69-3	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
Data File : BM008342.D
Acq On : 15 Dec 2016 14:35
Operator : UM/SJ
Sample : H6039-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8R8

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
Benzene, 1,3-dime...	5.34	7.7	ng/ul	336045	1	7.67	871096	20.0
Benzene, 1-ethyl-...	6.76	2.1	ng/ul	92609	1	7.67	871096	20.0
Benzene, 1,2,3-tr...	7.31	4.9	ng/ul	212837	1	7.67	871096	20.0
2-Cyclopenten-1-o...	7.97	2.1	ng/ul	89788	1	7.67	871096	20.0
Indane	8.03	2.6	ng/ul	114122	1	7.67	871096	20.0
2-Cyclopenten-1-o...	8.32	4.4	ng/ul	191482	1	7.67	871096	20.0
Benzofuran, 7-met...	9.01	3.1	ng/ul	134053	1	7.67	871096	20.0
Benzofuran, 2-met...	9.20	4.8	ng/ul	295452	2	10.44	1237100	20.0
Benzene, 1-buteny...	9.85	3.5	ng/ul	215207	2	10.44	1237100	20.0
Phenol, 3,5-dimet...	9.95	4.2	ng/ul	262433	2	10.44	1237100	20.0
Phenol, 2,4,6-tri...	10.60	2.8	ng/ul	174964	2	10.44	1237100	20.0
1H-Benzimidazole,...	10.82	3.5	ng/ul	213846	2	10.44	1237100	20.0
Benzonitrile, 4-(...	10.86	3.4	ng/ul	210226	2	10.44	1237100	20.0
Phenol, 3-ethyl-5...	11.29	5.5	ng/ul	340667	2	10.44	1237100	20.0
Phenol, 2-(1-meth...	11.58	2.7	ng/ul	165851	2	10.44	1237100	20.0
Phenol, 3,4,5-tri...	12.17	4.5	ng/ul	280635	2	10.44	1237100	20.0
Naphthalene, 1-me...	12.33	2.7	ng/ul	165501	2	10.44	1237100	20.0
Benzo[b]thiophene...	12.50	5.6	ng/ul	481780	3	14.31	1708340	20.0
Thymol	12.72	4.2	ng/ul	355404	3	14.31	1708340	20.0
4-Hydroxy-2-methy...	13.49	2.1	ng/ul	183298	3	14.31	1708340	20.0