LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100818\
Data File : BM017085.D
Acq On : 09 Oct 2018 03:16
Operator : MJ/SJ
Sample : J5298-15DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E62W8DL

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.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	7.034	683	688	694	rVB	139989	205376	6.91%	0.624%
2	7.228	716	721	727	rVB	138145	211862	7.13%	0.643%
3	7.346	737	741	748	rVB	34972	58133	1.96%	0.177%
4	7.522	767	771	777	rVB2	62094	103869	3.49%	0.315%
5	7.693	794	800	807	rVB	658553	1034609	34.81%	3.142%
6	8.222	885	890	896	rBV	47047	75819	2.55%	0.230%
7	8.340	904	910	915	rBV	124352	193575	6.51%	0.588%
8	8.399	915	920	926	rVB2	114756	190905	6.42%	0.580%
9	8.663	957	965	969	rBV7	55507	92711	3.12%	0.282%
10	8.757	976	981	984	rBV	89277	143945	4.84%	0.437%
11	8.798	984	988	992	rVV	179547	273361	9.20%	0.830%
12	8.846	992	996	1002	rVB	155506	247642	8.33%	0.752%
13	8.957	1010	1015	1021	rBV6	25488	58300	1.96%	0.177%
14	9.046	1021	1030	1036	rVB4	95756	220829	7.43%	0.671%
15	9.104	1036	1040	1044	rBV3	101147	171790	5.78%	0.522%
16	9.146	1044	1047	1055	rVB	65333	129675	4.36%	0.394%
17	9.222	1055	1060	1070	rVB2	217913	455021	15.31%	1.382%
18	9.563	1110	1118	1123	rBV2	112205	231663	7.79%	0.703%
19	9.604	1123	1125	1132	rVB	35176	49338	1.66%	0.150%
20	9.681	1132	1138	1141	rBV2	71754	121316	4.08%	0.368%
21	9.716	1141	1144	1149	rVV2	100267	151928	5.11%	0.461%
22	9.769	1149	1153	1161	rVB2	143513	234026	7.87%	0.711%
23	9.981	1183	1189	1198	rVB7	42029	111376	3.75%	0.338%
24	10.092	1198	1208	1218	rBV2	253646	511041	17.19%	1.552%
25	10.304	1239	1244	1250	rBV2	112215	297158	10.00%	0.902%
26	10.469	1265	1272	1278	rVB	934296	1505879	50.66%	4.573%
27	10.528	1278	1282	1286	rBV5	37890	61513	2.07%	0.187%
28	10.622	1292	1298	1307	rVB2	236037	431880	14.53%	1.311%
29	10.716	1307	1314	1316	rBV3	46104	81334	2.74%	0.247%
30	10.745	1316	1319	1324	rVV2	62500	109159	3.67%	0.331%
31	10.828	1324	1333	1338	rVV4	101254	198902	6.69%	0.604%
32	10.881	1338	1342	1350	rVB3	53714	124178	4.18%	0.377%
33	11.016	1359	1365	1368	rBV2	85589	160472	5.40%	0.487%
34	11.057	1368	1372	1379	rVB3	231174	414099	13.93%	1.257%

LSC Area Percent Report

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Sample : J5298-15DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E62W8DL

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Title : SVOA CALIBRATION

35	11.239	1393	1403	1408	rVB6	42713	94826	3.19%	0.288%
36	11.304	1408	1414	1417	rBV	57878	100291	3.37%	0.305%
37	11.345	1417	1421	1426	rVV2	74208	114368	3.85%	0.347%
38	11.398	1426	1430	1435	rVB2	59328	90881	3.06%	0.276%
39	11.534	1445	1453	1458	rBV3	33713	75469	2.54%	0.229%
40	11.592	1458	1463	1466	rBV	32260	55653	1.87%	0.169%
41	11.675	1472	1477	1481	rBV3	50390	72126	2.43%	0.219%
42	11.887	1508	1513	1519	rVB	57452	91617	3.08%	0.278%
43	11.986	1524	1530	1533	rBV	37854	67817	2.28%	0.206%
44	12.086	1544	1547	1553	rVB3	38471	55452	1.87%	0.168%
45	12.181	1558	1563	1568	rBV2	231707	348778	11.73%	1.059%
46	12.245	1568	1574	1582	rVB6	90027	209772	7.06%	0.637%
47	12.334	1584	1589	1590	rBV	36870	48914	1.65%	0.149%
48	12.357	1590	1593	1599	rVB3	65898	96097	3.23%	0.292%
49	12.475	1607	1613	1616	rBV2	111050	169306	5.70%	0.514%
50	12.516	1616	1620	1625	rVV2	192241	336875	11.33%	1.023%
51	12.563	1625	1628	1640	rVB6	61138	202932	6.83%	0.616%
52	12.681	1640	1648	1653	rBV6	190177	410658	13.82%	1.247%
53	12.734	1653	1657	1662	rVV4	129312	287004	9.66%	0.872%
54	12.781	1662	1665	1670	rVV2	90685	172536	5.80%	0.524%
55	12.834	1671	1674	1681	rVB6	59706	108921	3.66%	0.331%
56	13.033	1698	1708	1711	rBV4	71428	176352	5.93%	0.536%
57	13.075	1711	1715	1719	rVV4	72517	125579	4.22%	0.381%
58	13.122	1719	1723	1728	rVB4	59899	104590	3.52%	0.318%
59	13.198	1728	1736	1741	rBV5	65728	158024	5.32%	0.480%
60	13.298	1746	1753	1762	rVV5	139311	311420	10.48%	0.946%
61	13.463	1775	1781	1785	rBV2	110969	209566	7.05%	0.636%
62	13.510	1785	1789	1795	rVV5	82807	191514	6.44%	0.582%
63	13.569	1795	1799	1801	rVV2	60109	87438	2.94%	0.266%
64	13.598	1801	1804	1809	rVV3	92834	140028	4.71%	0.425%
65	13.669	1810	1816	1817	rVV3	84124	145197	4.88%	0.441%
66	13.704	1818	1822	1825	rVV6	131413	265398	8.93%	0.806%
67	13.745	1825	1829	1835	rVV	417087	578073	19.45%	1.755%
68	13.828	1835	1843	1852	rVV5	174359	400327	13.47%	1.216%
69	13.916	1852	1858	1861	rVV	81596	178646	6.01%	0.542%
70	13.951	1862	1864	1868	rVV	73527	109548	3.69%	0.333%
71	14.022	1871	1876	1884	rVB	481616	751310	25.28%	2.281%

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Sample : J5298-15DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E62W8DL

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

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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Title : SVOA CALIBRATION

72	14.157	1894	1899	1902	rBV3	34626	50588	1.70%	0.154%
73	14.210	1902	1908	1913	rBV6	61745	151205	5.09%	0.459%
74	14.333	1922	1929	1939	rBV2	1384464	2375246	79.91%	7.213%
75	14.416	1939	1943	1947	rVB	147826	203907	6.86%	0.619%
76	14.510	1954	1959	1960	rBV2	125885	179619	6.04%	0.545%
77	14.533	1960	1963	1969	rVB	209468	314693	10.59%	0.956%
78	14.645	1976	1982	1984	rBV	63301	112503	3.78%	0.342%
79	14.722	1992	1995	1999	rVB2	56926	81832	2.75%	0.248%
80	14.810	2007	2010	2017	rVB4	35814	53999	1.82%	0.164%
81	14.880	2017	2022	2025	rBV2	42183	70700	2.38%	0.215%
82	15.127	2059	2064	2068	rBV4	46353	70960	2.39%	0.215%
83	15.269	2084	2088	2089	rVV4	51025	60764	2.04%	0.185%
84	15.327	2093	2098	2103	rVB	667241	968691	32.59%	2.942%
85	15.445	2113	2118	2125	rVB3	124586	223171	7.51%	0.678%
86	15.692	2151	2160	2168	rVB9	71483	195817	6.59%	0.595%
87	15.769	2168	2173	2176	rBV	94591	151535	5.10%	0.460%
88	16.274	2254	2259	2264	rBV8	26633	52072	1.75%	0.158%
89	16.386	2274	2278	2282	rBV6	37035	63539	2.14%	0.193%
90	16.657	2318	2324	2331	rVB9	28598	61188	2.06%	0.186%
91	16.751	2337	2340	2347	rVB5	34670	62309	2.10%	0.189%
92	16.816	2347	2351	2355	rBV7	32006	49142	1.65%	0.149%
93	17.080	2390	2396	2402	rBV	1776959	2482499	83.52%	7.539%
94	17.174	2407	2412	2418	rVV	635709	903845	30.41%	2.745%
95	17.280	2426	2430	2437	rVB7	44172	83161	2.80%	0.253%
96	17.980	2545	2549	2553	rBV6	39859	64487	2.17%	0.196%
97	19.474	2797	2803	2811	rBV	806519	1120092	37.68%	3.401%
98	21.268	3103	3108	3116	rBV	2206026	2972353	100.00%	9.026%
99	23.345	3456	3461	3466	rBV	568066	1012733	34.07%	3.075%
100	23.486	3479	3485	3496	rVB2	1587817	2931925	98.64%	8.903%

Sum of corrected areas: 32930562

LSC Report - Integrated Chromatogram

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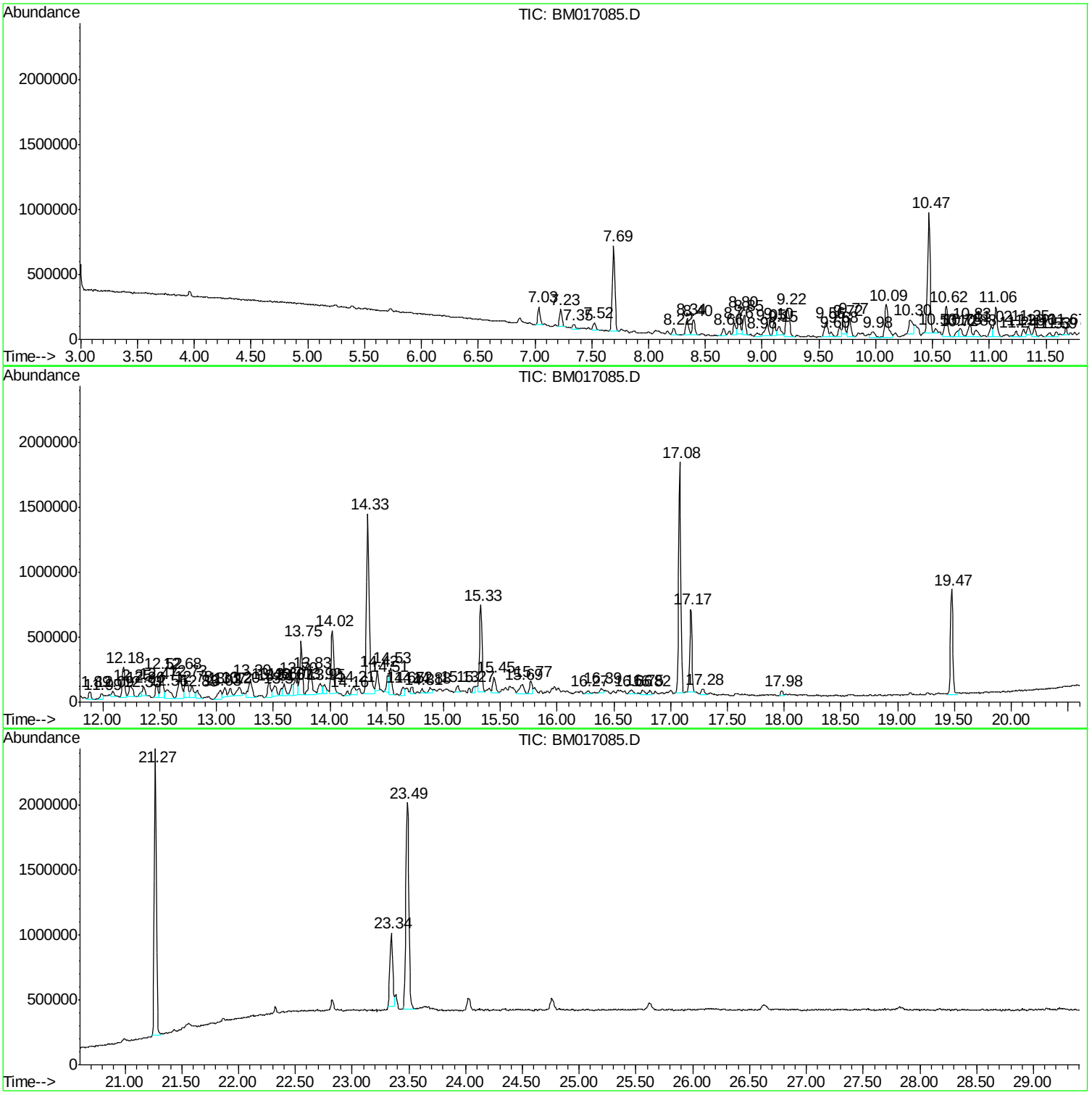
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E62W8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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ClientSampleId : E62W8DL

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Quant Title : SVOA CALIBRATION

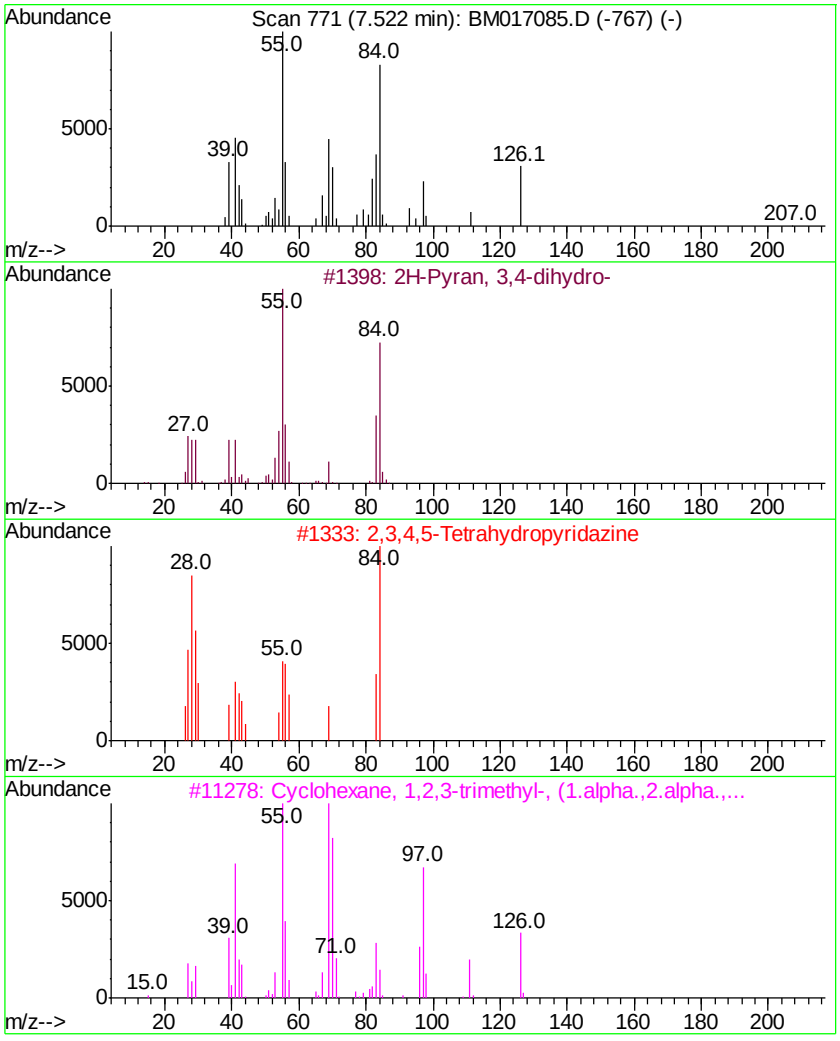
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

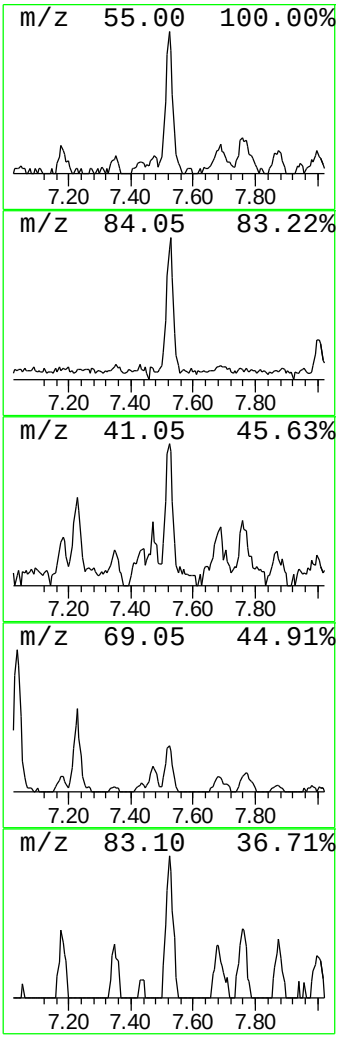
****

Peak Number 1 unknown-01 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.52	2.01 ng/ul	103869	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, 3,4-dihydro-	84	C5H8O	000110-87-2	49
2	2,3,4,5-Tetrahydropyridazine	84	C4H8N2	000694-06-4	47
3	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001839-88-9	45
4	Furan, 2,3-dihydro-4-methyl-	84	C5H8O	034314-83-5	41
5	3-Hexene	84	C6H12	000592-47-2	38





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Instrument : BNA_M
ClientSampleId : E62W8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

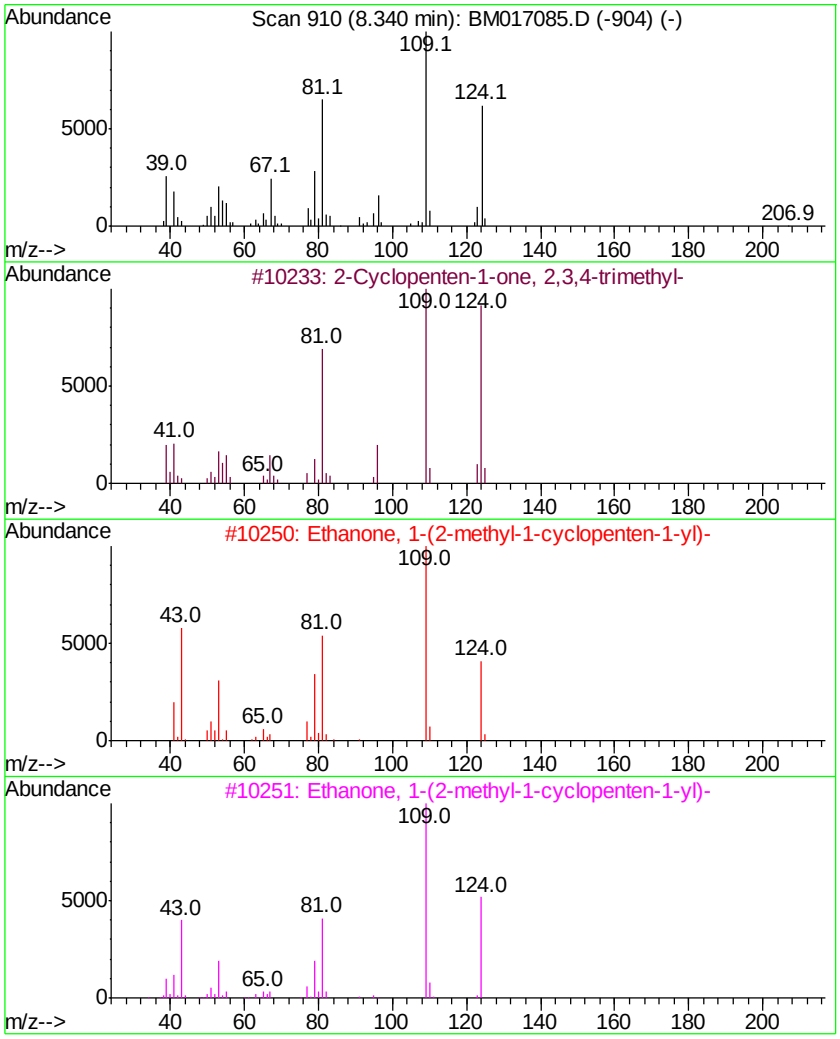
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

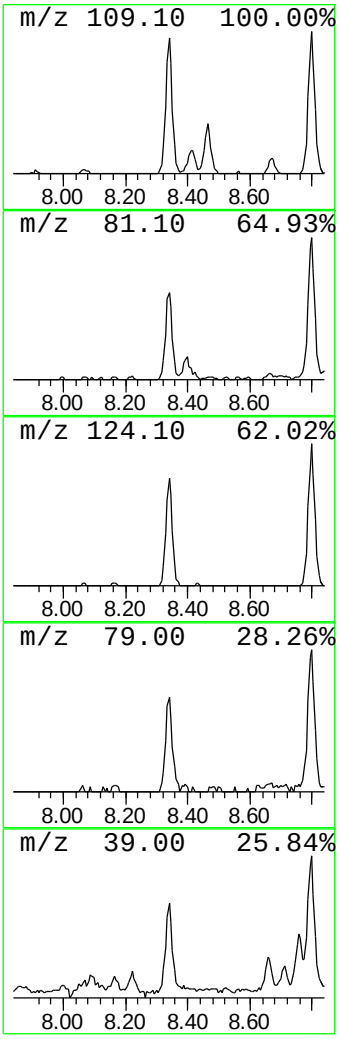
****

Peak Number 2 2-Cyclopenten-1-one, 2,3,4-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.34	3.74 ng/ul	193575	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 2,3,4-trime...	124	C8H12O	028790-86-5	83
2	Ethanone, 1-(2-methyl-1-cyclopen...	124	C8H12O	003168-90-9	70
3	Ethanone, 1-(2-methyl-1-cyclopen...	124	C8H12O	003168-90-9	64
4	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	62
5	Mequinol	124	C7H8O2	000150-76-5	58





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Quant Title : SVOA CALIBRATION

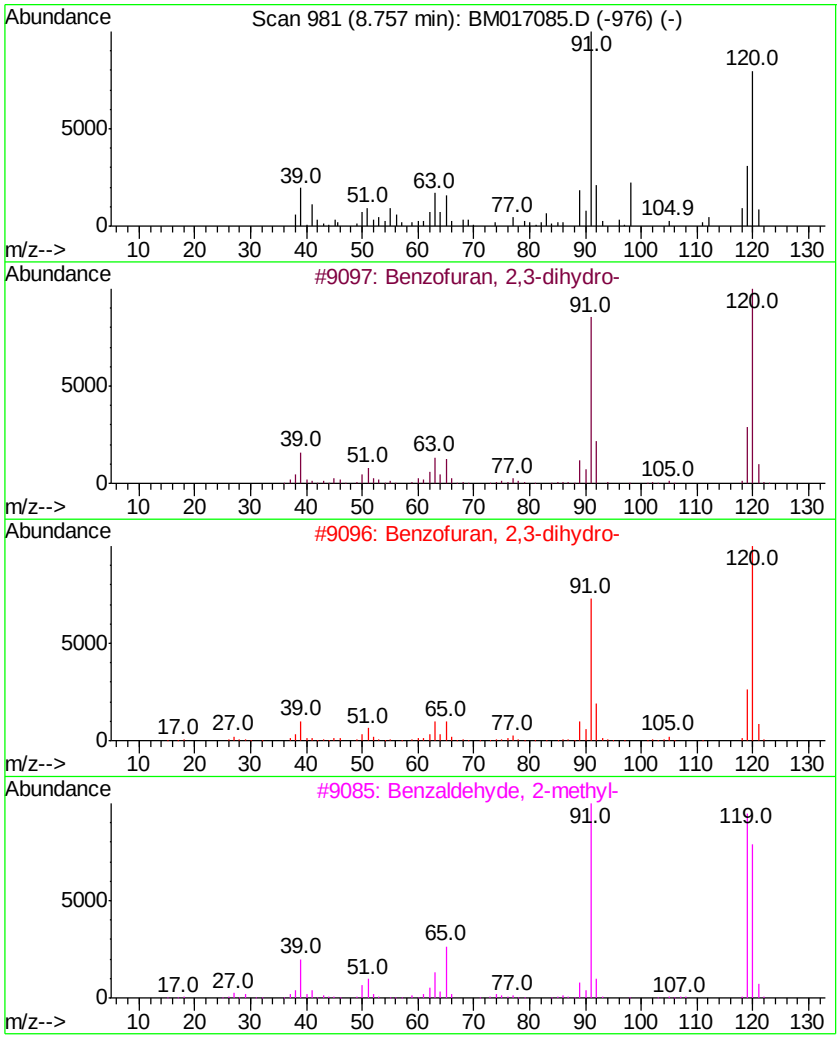
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

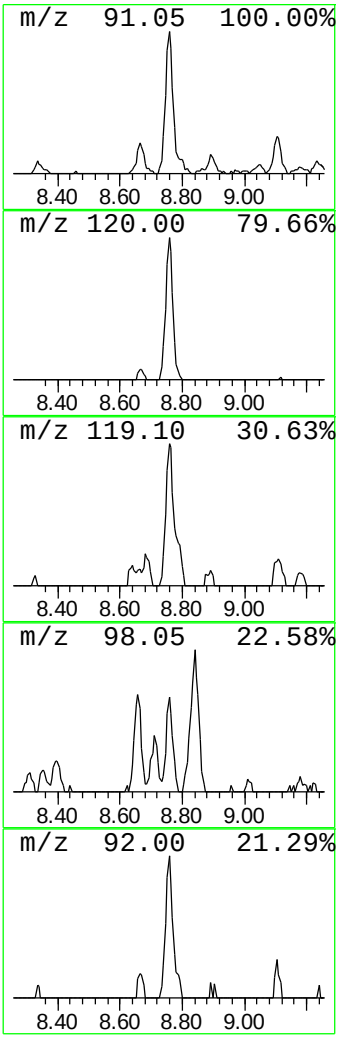
****

Peak Number 3 Benzofuran, 2,3-dihydro- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	2.78 ng/ul	143945	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2,3-dihydro-	120	C8H8O	000496-16-2	81
2	Benzofuran, 2,3-dihydro-	120	C8H8O	000496-16-2	76
3	Benzaldehyde, 2-methyl-	120	C8H8O	000529-20-4	60
4	6-Methylenebicyclo[3.2.0]hept-3-...	120	C8H8O	1000211-11-9	58
5	Benzaldehyde, 4-methyl-	120	C8H8O	000104-87-0	53





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

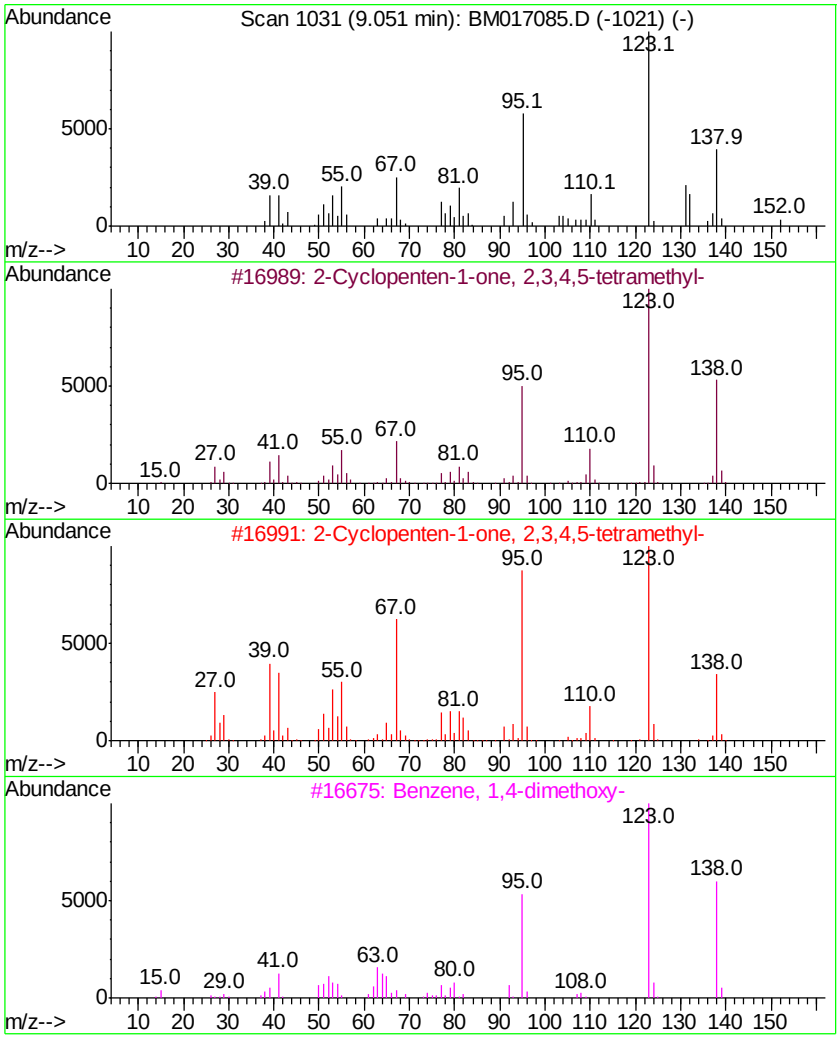
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

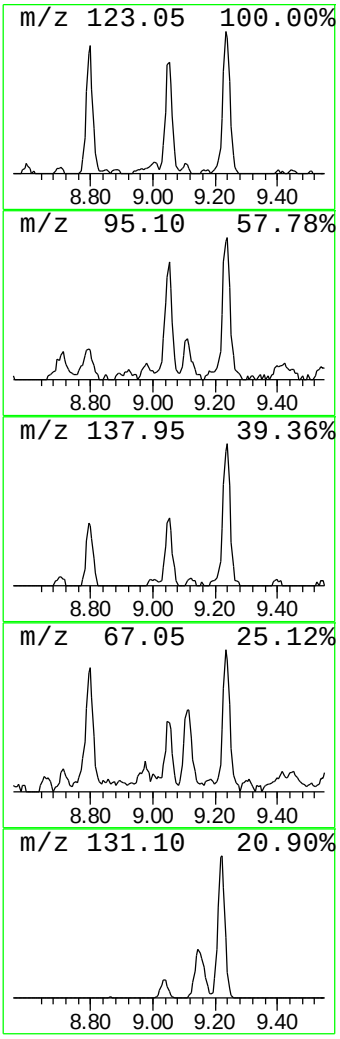
****

Peak Number 4 2-Cyclopenten-1-one, 2,3,4,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	4.27 ng/ul	220829	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 2,3,4,5-tet...	138	C9H14O	054458-61-6	70
2	2-Cyclopenten-1-one, 2,3,4,5-tet...	138	C9H14O	054458-61-6	58
3	Benzene, 1,4-dimethoxy-	138	C8H10O2	000150-78-7	46
4	Benzene, 1,4-dimethoxy-	138	C8H10O2	000150-78-7	46
5	trans-Chrysanthemal	152	C10H16O	020104-05-6	43





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Instrument : BNA_M
ClientSampleId : E62W8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

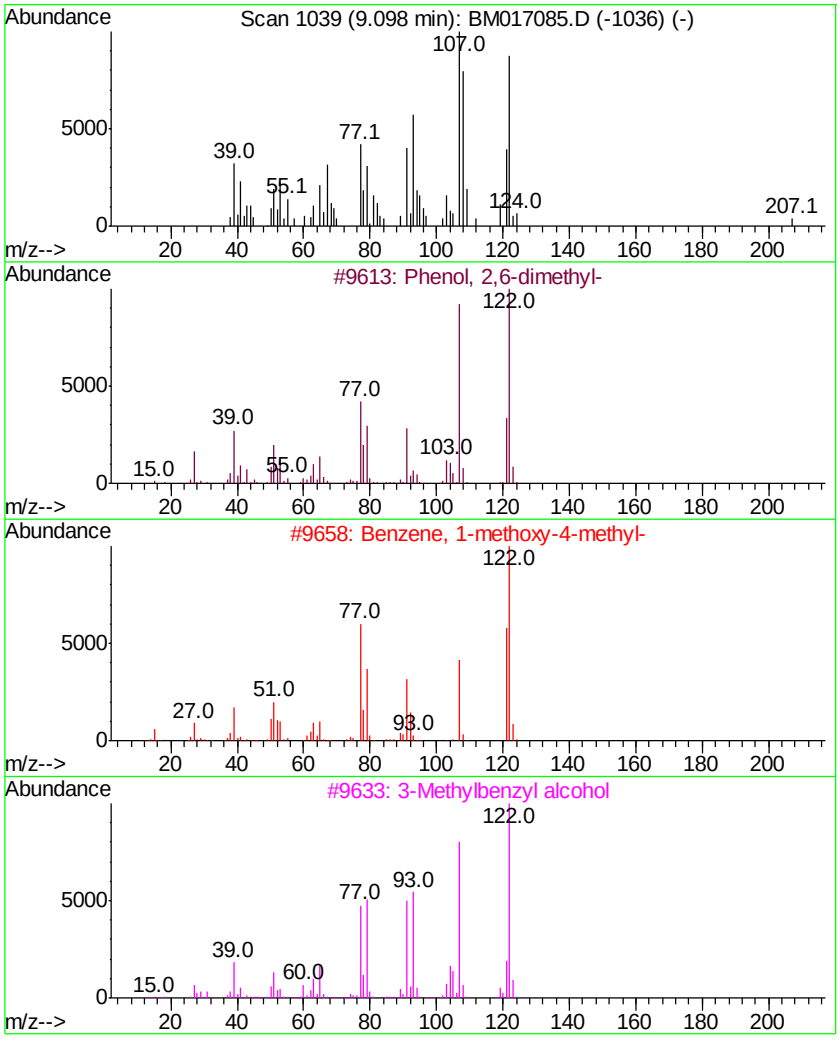
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

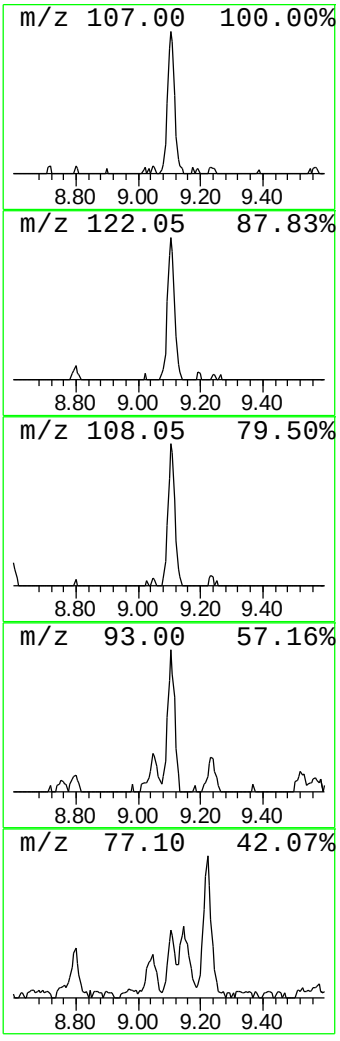
****

Peak Number 5 Phenol, 2,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	2.28 ng/ul	171790	Naphthalene-d8	10.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	89
2	Benzene, 1-methoxy-4-methyl-	122	C8H10O	000104-93-8	70
3	3-Methylbenzyl alcohol	122	C8H10O	000587-03-1	60
4	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	55
5	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	55





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100818\
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Acq On : 09 Oct 2018 03:16
Operator : MJ/SJ
Sample : J5298-15DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E62W8DL

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Quant Title : SVOA CALIBRATION

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

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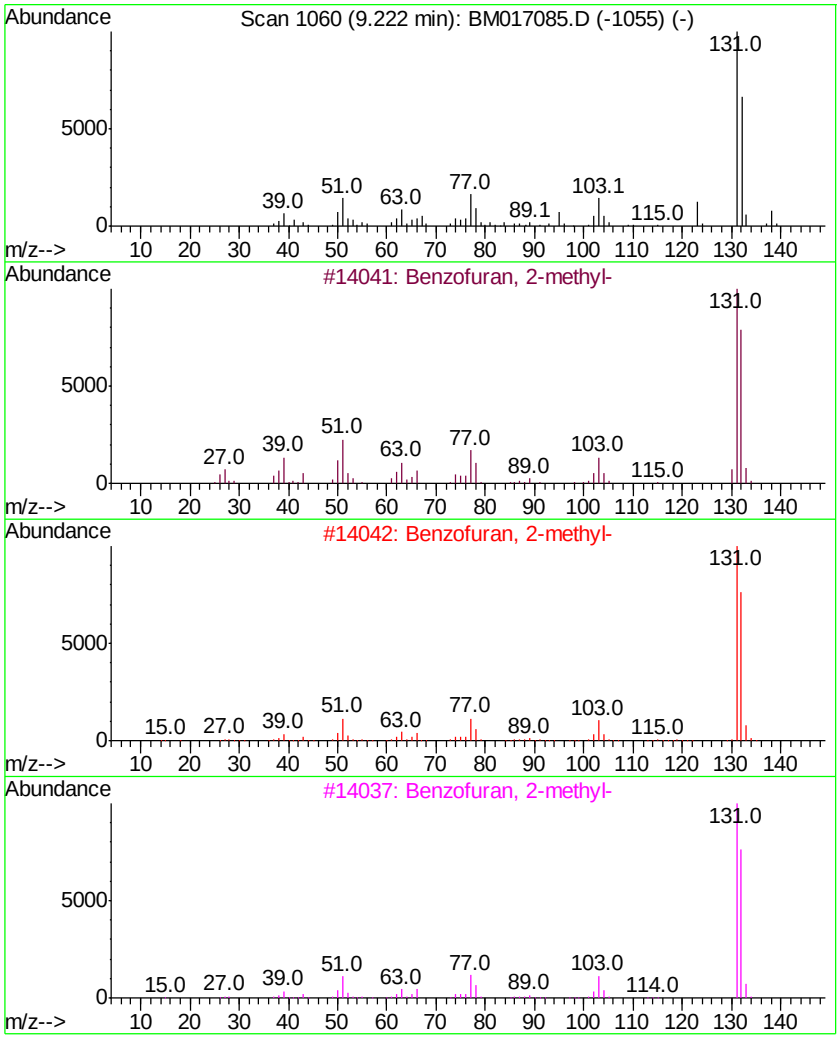
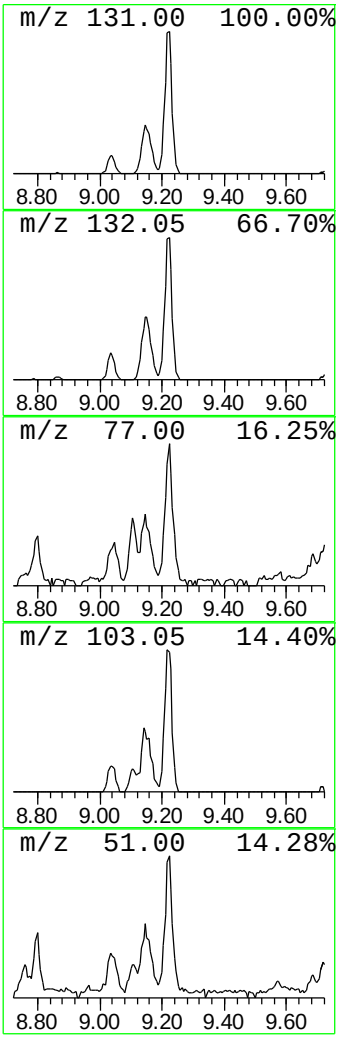
Peak Number 6 Benzofuran, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	6.04 ng/ul	455021	Naphthalene-d8	10.47

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	87
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	83
5	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	74





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Sample : J5298-15DL 5X
Misc :
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Instrument : BNA_M
ClientSampleId : E62W8DL

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Quant Title : SVOA CALIBRATION

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

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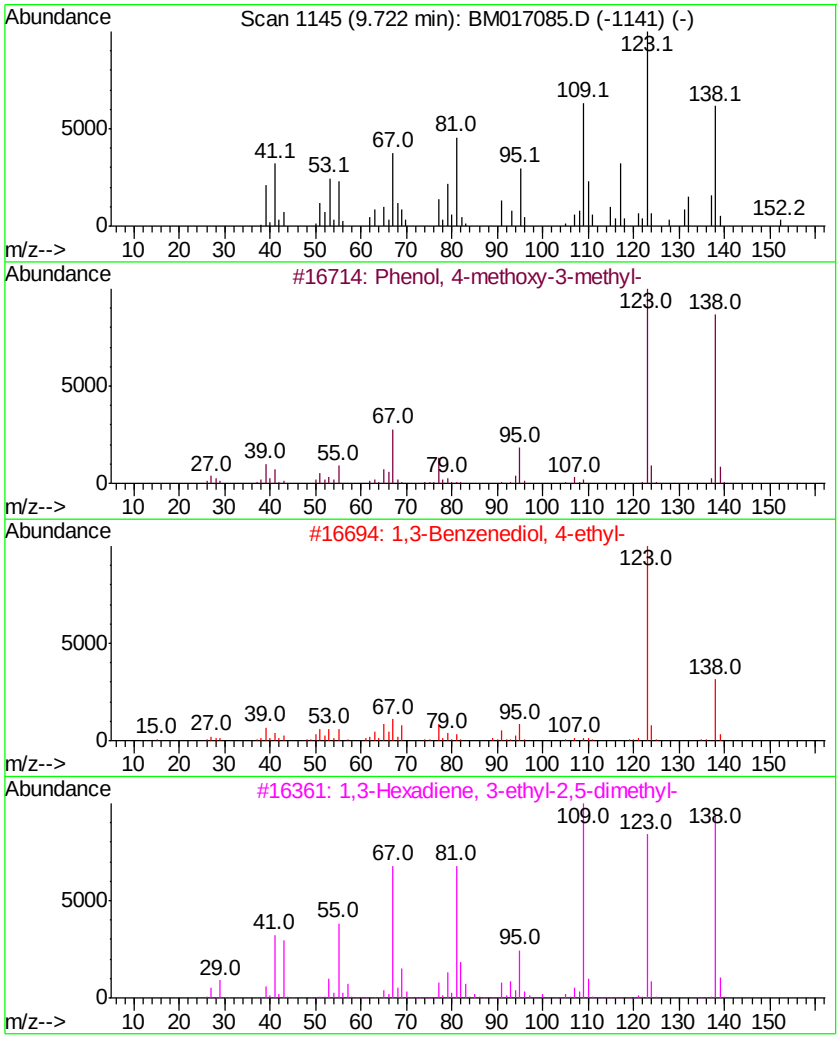
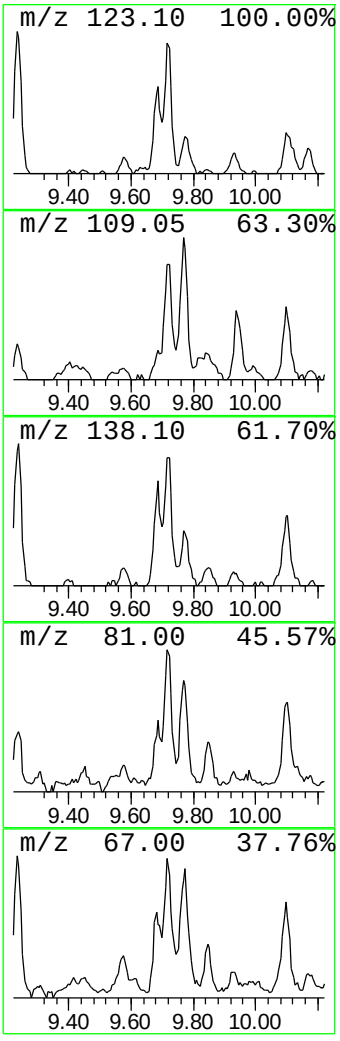
Peak Number 7 Phenol, 4-methoxy-3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	2.02 ng/ul	151928	Naphthalene-d8	10.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-methoxy-3-methyl-	138	C8H10O2	014786-82-4	58
2	1,3-Benzenediol, 4-ethyl-	138	C8H10O2	002896-60-8	52
3	1,3-Hexadiene, 3-ethyl-2,5-dimet...	138	C10H18	062338-07-2	52
4	2-Methoxy-5-methylphenol	138	C8H10O2	001195-09-1	49
5	Cyclopentene, 1,2,3,4,5-pentamet...	138	C10H18	1000154-28-6	47





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Sample : J5298-15DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E62W8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

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

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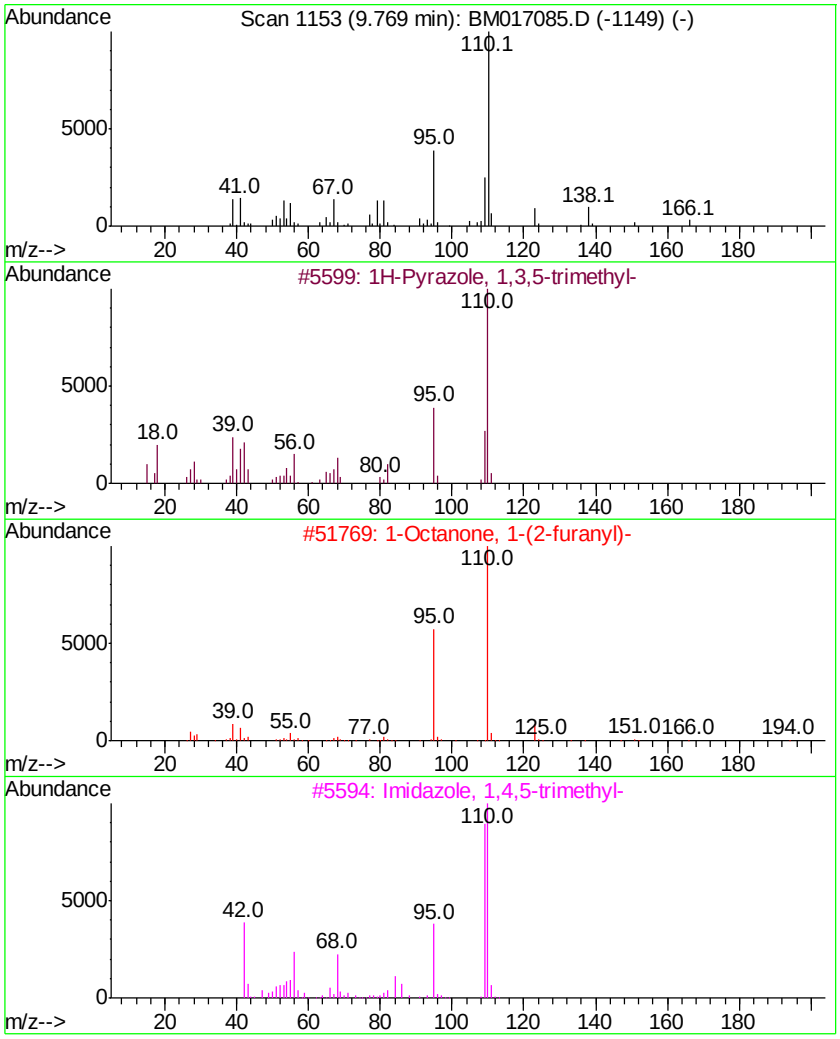
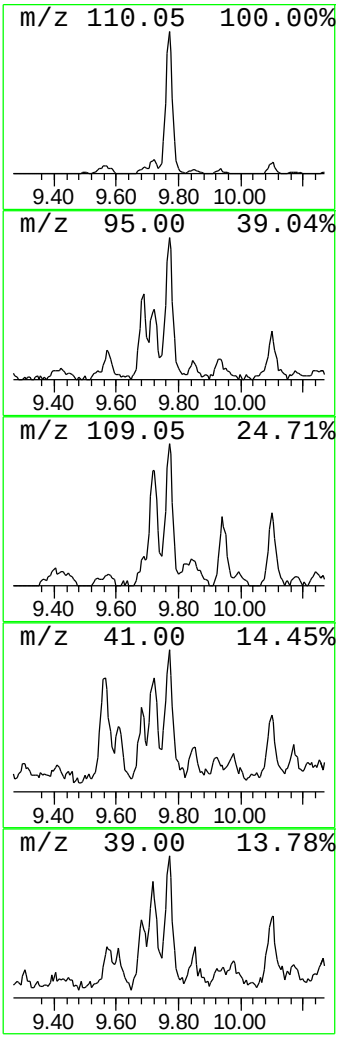
Peak Number 8 1H-Pyrazole, 1,3,5-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	3.11 ng/ul	234026	Naphthalene-d8	10.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrazole, 1,3,5-trimethyl-	110	C6H10N2	001072-91-9	53
2	1-Octanone, 1-(2-furanyl)-	194	C12H18O2	005456-77-9	50
3	Imidazole, 1,4,5-trimethyl-	110	C6H10N2	020185-22-2	47
4	2-Cyclopenten-1-one, 2,3-dimethyl-	110	C7H10O	001121-05-7	45
5	2-Hexanoylfuran	166	C10H14O2	014360-50-0	38





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Sample : J5298-15DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E62W8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

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

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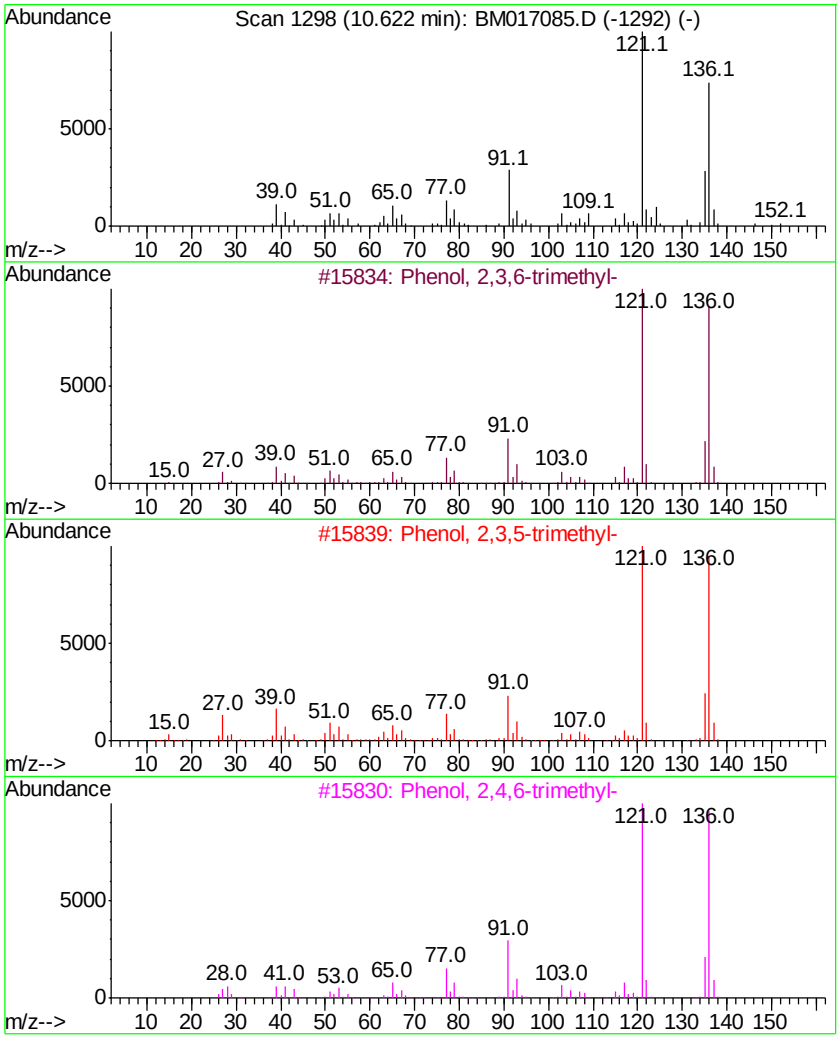
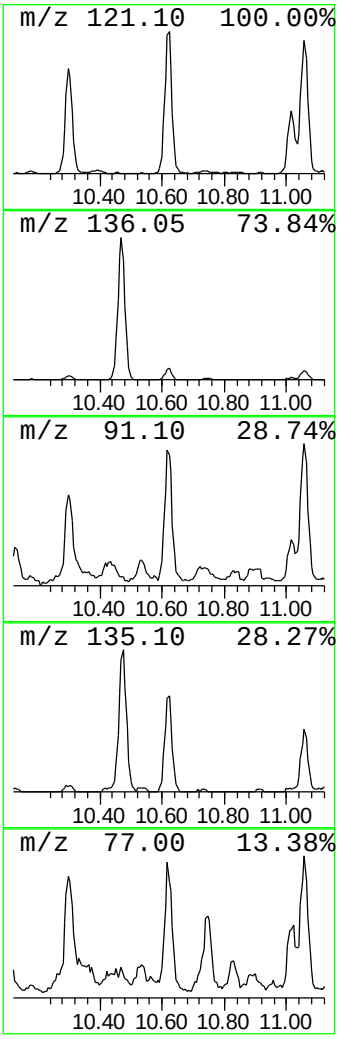
Peak Number 10 Phenol, 2,3,6-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	5.74 ng/ul	431880	Naphthalene-d8	10.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	95
2	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	95
3	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	94
4	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	93
5	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	93





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Operator : MJ/SJ
Sample : J5298-15DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E62W8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

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

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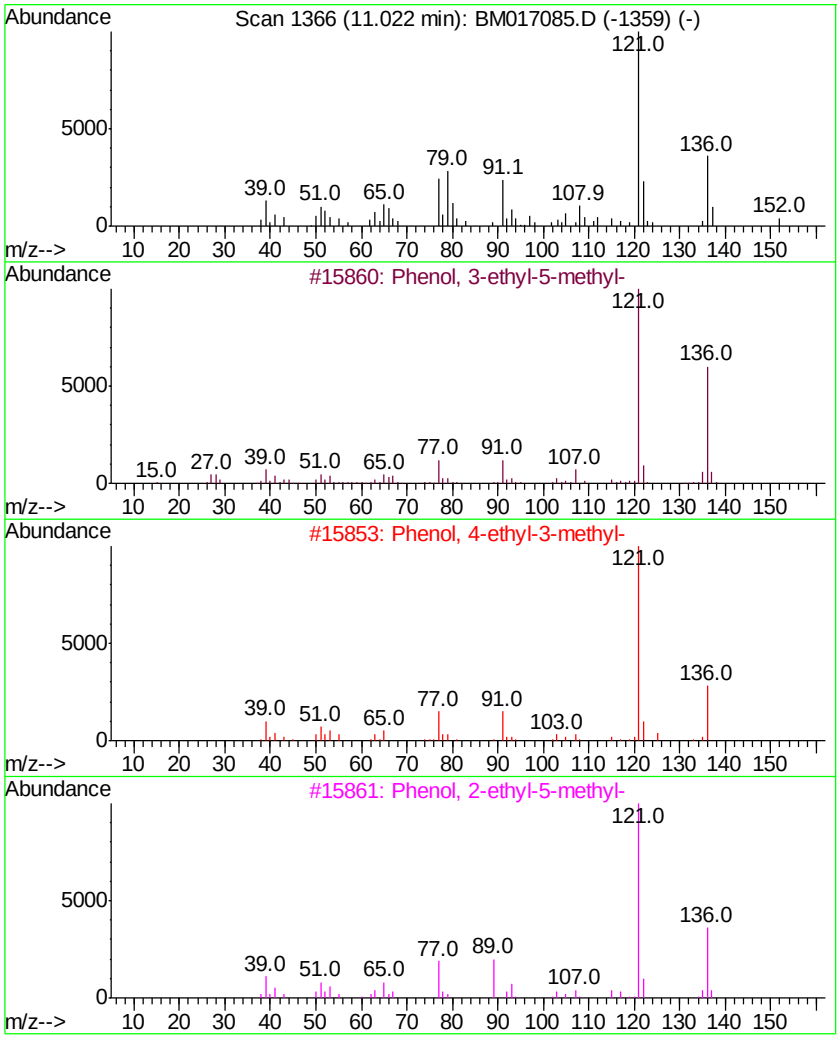
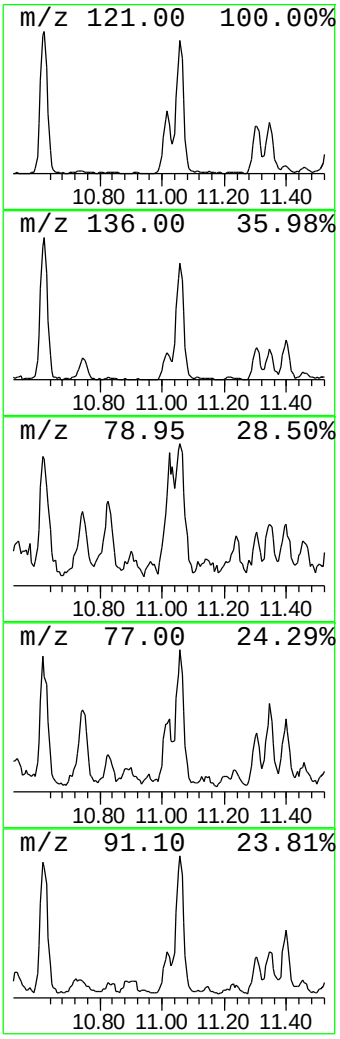
Peak Number 12 Phenol, 3-ethyl-5-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	2.13 ng/ul	160472	Naphthalene-d8	10.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	81
2	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	76
3	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	74
4	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	72
5	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	68





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Sample : J5298-15DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E62W8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

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

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Peak Number 13 Phenol, 2,4,6-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	5.50 ng/ul	414099	Naphthalene-d8	10.47

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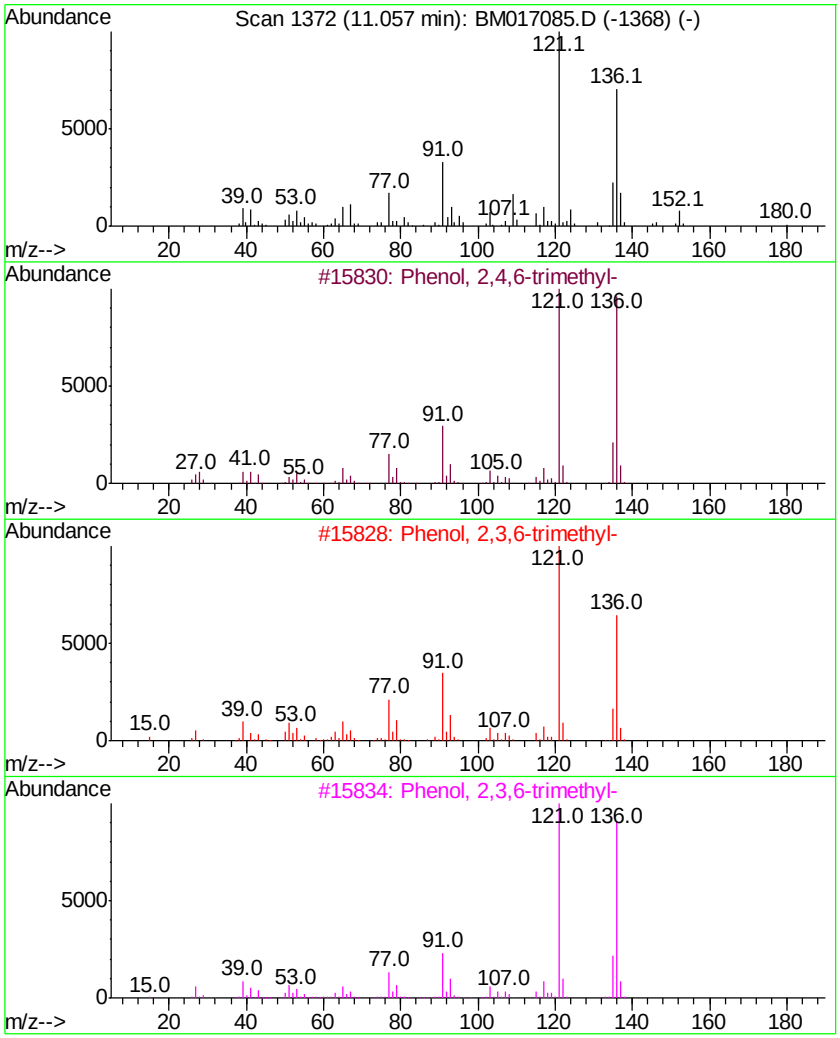

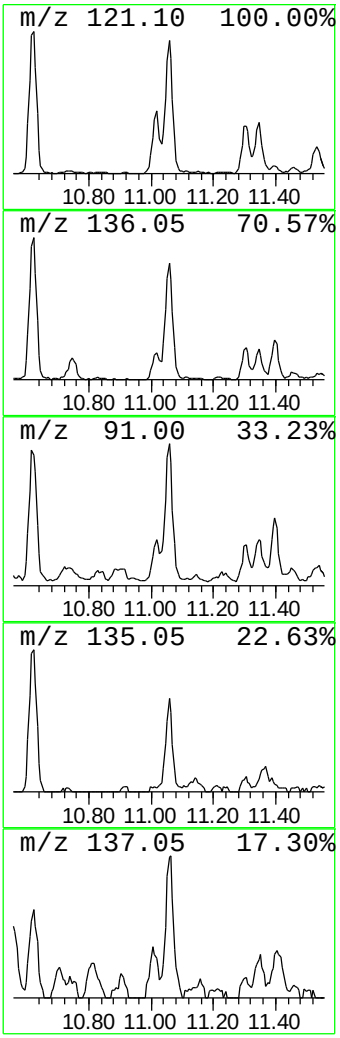

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Sample : J5298-15DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E62W8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

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

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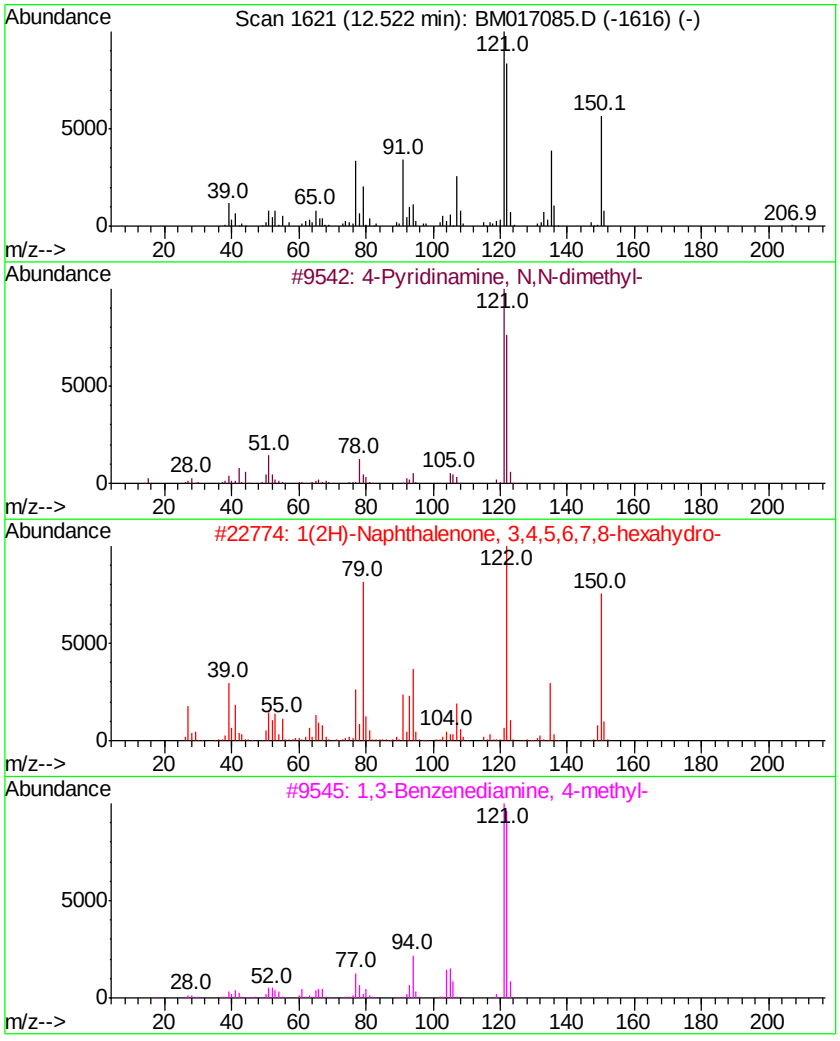
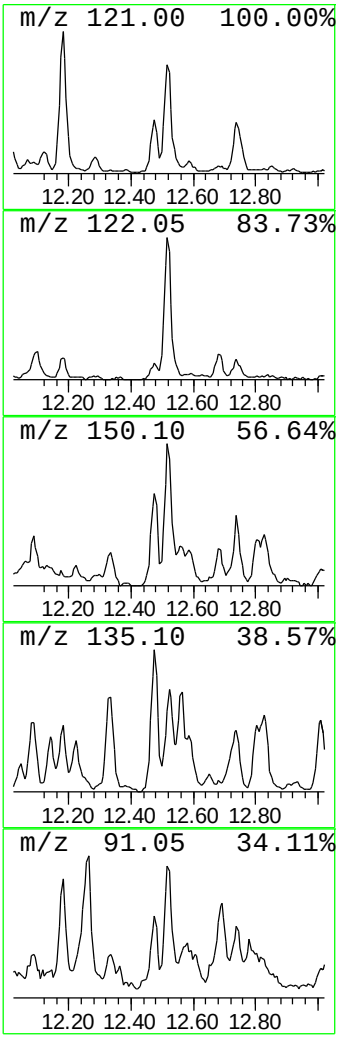
Peak Number 16 unknown-02 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	2.84 ng/ul	336875	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Pyridinamine, N,N-dimethyl-	122	C7H10N2	001122-58-3	49
2	1(2H)-Naphthalenone, 3,4,5,6,7,8...	150	C10H14O	018631-96-4	49
3	1,3-Benzenediamine, 4-methyl-	122	C7H10N2	000095-80-7	49
4	1,3-Benzenediamine, 4-methyl-	122	C7H10N2	000095-80-7	47
5	Pyrazine, 2-ethyl-6-methyl-	122	C7H10N2	013925-03-6	47





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Operator : MJ/SJ
Sample : J5298-15DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E62W8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

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

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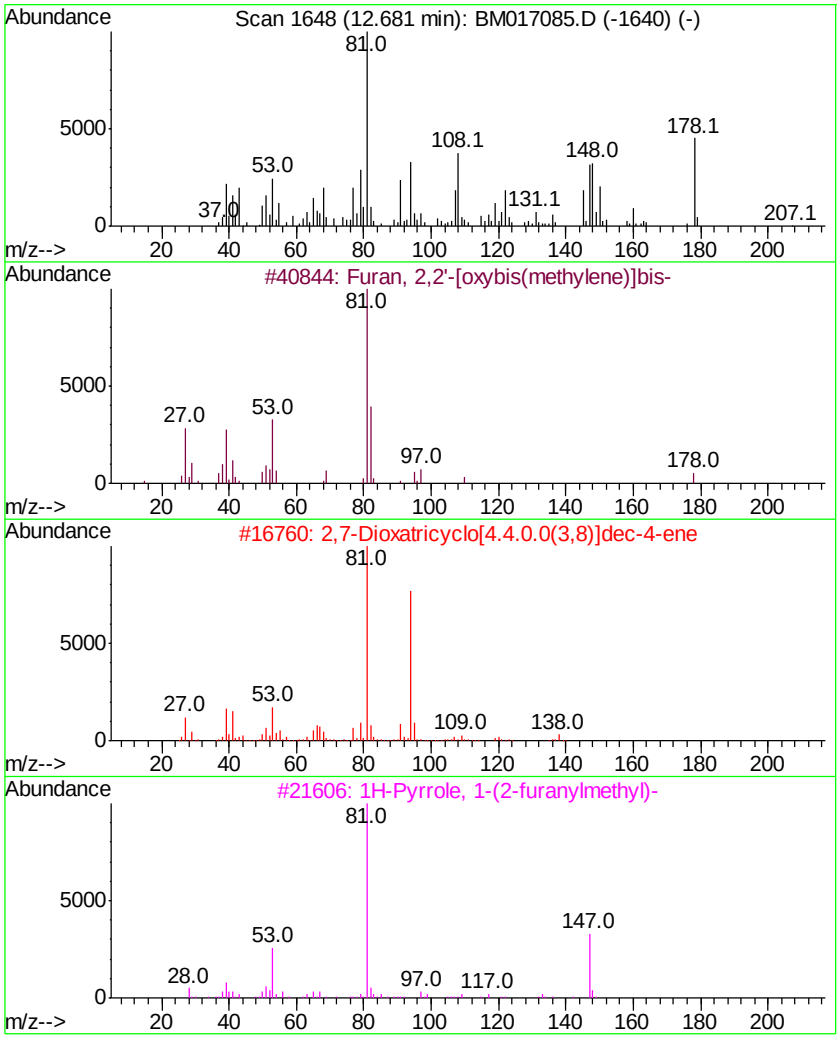
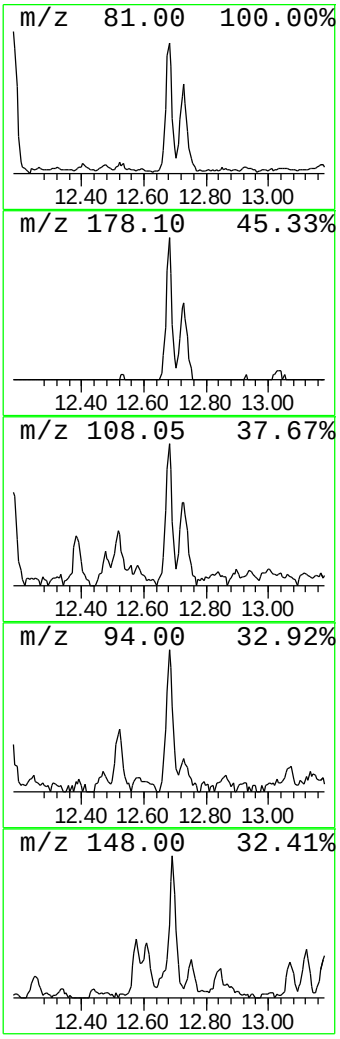
Peak Number 17 unknown-03 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	3.46 ng/ul	410658	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, 2,2'-[oxybis(methylene)]bis-	178	C10H10O3	004437-22-3	35
2	2,7-Dioxatricyclo[4.4.0.0(3,8)]d...	138	C8H10O2	051826-18-7	27
3	1H-Pyrrole, 1-(2-furanylmethyl)-	147	C9H9NO	001438-94-4	27
4	Furan, 2,2'-[oxybis(methylene)]bis-	178	C10H10O3	004437-22-3	25
5	Cyclohexene, 3-bromo-	160	C6H9Br	001521-51-3	14





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Sample : J5298-15DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E62W8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

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

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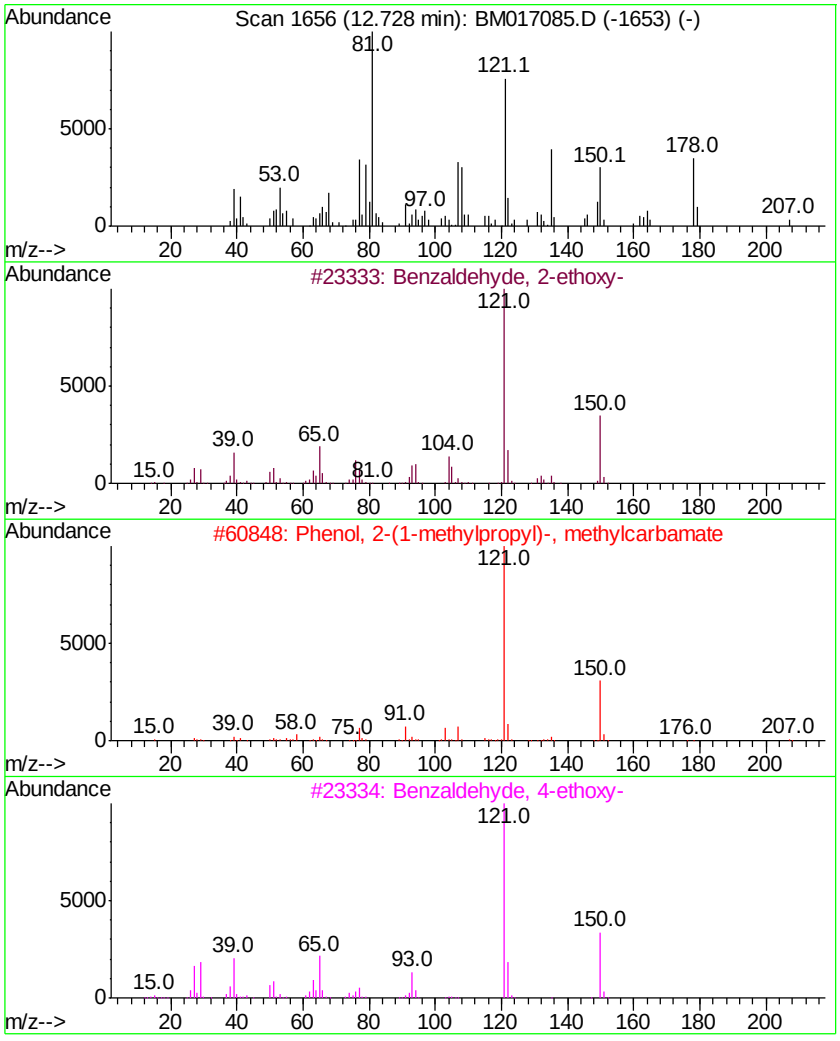
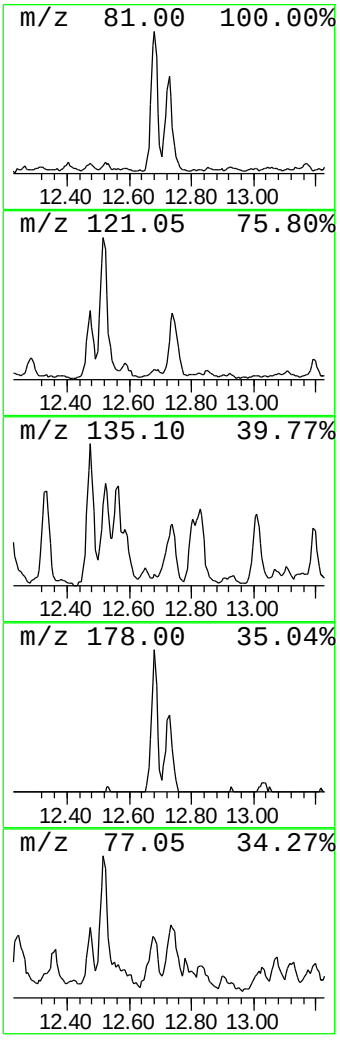
Peak Number 18 unknown-04 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	2.42 ng/ul	287004	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 2-ethoxy-	150	C9H10O2	000613-69-4	43
2	Phenol, 2-(1-methylpropyl)-, met...	207	C12H17NO2	003766-81-2	41
3	Benzaldehyde, 4-ethoxy-	150	C9H10O2	010031-82-0	41
4	Benzaldehyde, 4-ethoxy-	150	C9H10O2	010031-82-0	38
5	p-Sec-butylphenyl acetate	192	C12H16O2	003245-24-7	35





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Sample : J5298-15DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E62W8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

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

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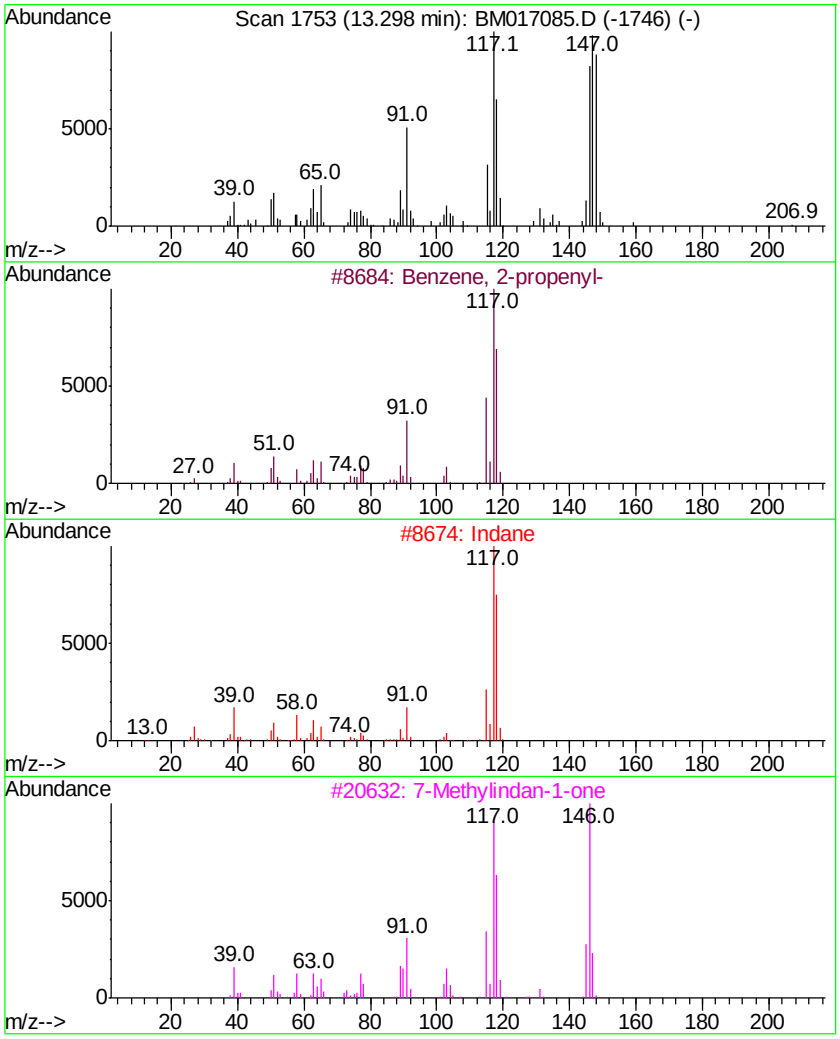
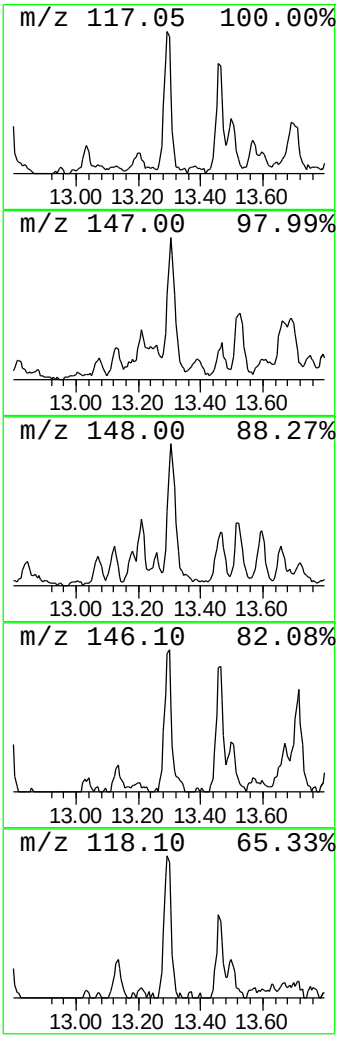
Peak Number 19 Benzene, 2-propenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	2.62 ng/ul	311420	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	51
2	Indane	118	C9H10	000496-11-7	50
3	7-Methylindan-1-one	146	C10H10O	039627-61-7	46
4	2-Hydroxy-1,7-naphthyridine	146	C8H6N2O	054920-82-0	38
5	1H-Tetrazole, 5-phenyl-	146	C7H6N4	018039-42-4	38





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Sample : J5298-15DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E62W8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

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

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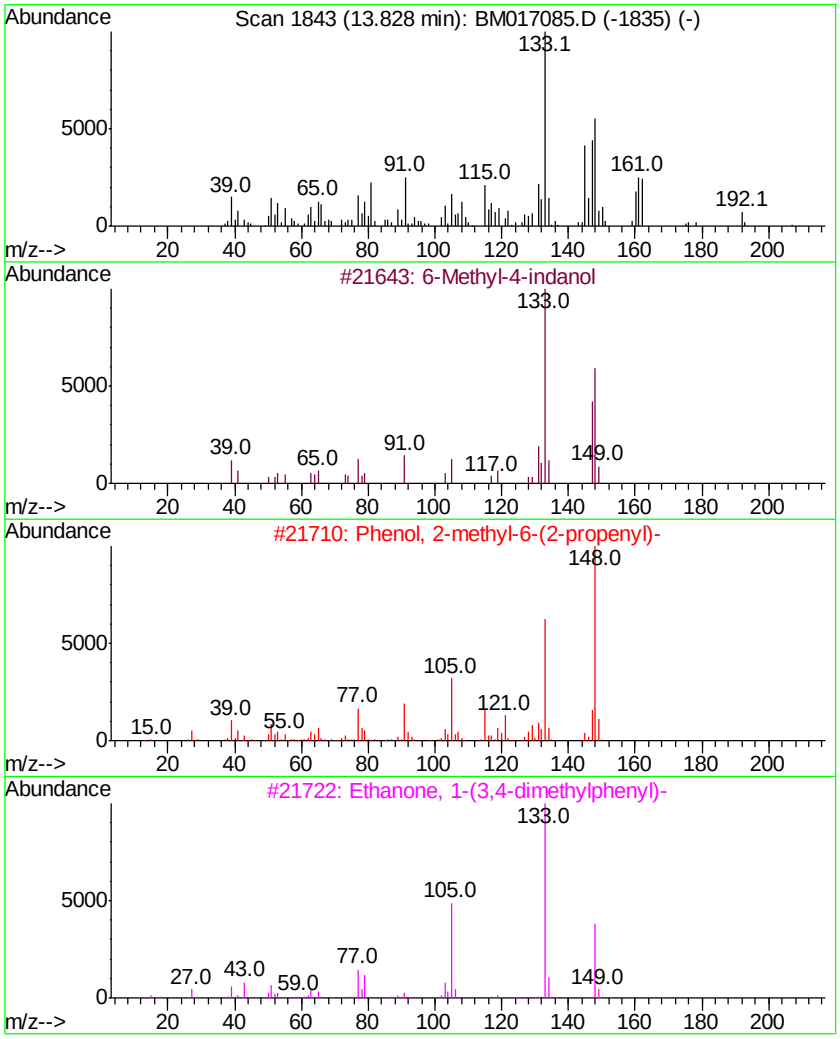
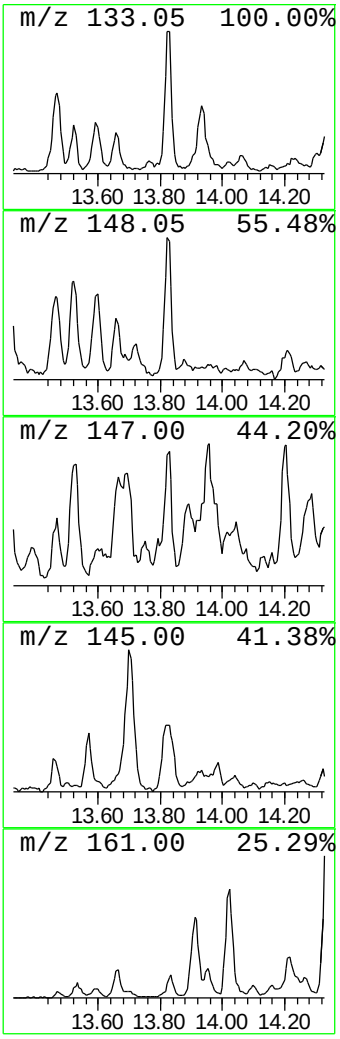
Peak Number 20 6-Methyl-4-indanol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	3.37 ng/ul	400327	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Methyl-4-indanol	148	C10H12O	020294-32-0	78
2	Phenol, 2-methyl-6-(2-propenyl)-	148	C10H12O	003354-58-3	45
3	Ethanone, 1-(3,4-dimethylphenyl)-	148	C10H12O	003637-01-2	42
4	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	42
5	Ethanone, 1-(2,5-dimethylphenyl)-	148	C10H12O	002142-73-6	42





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100818\
Data File : BM017085.D
Acq On : 09 Oct 2018 03:16
Operator : MJ/SJ
Sample : J5298-15DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E62W8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

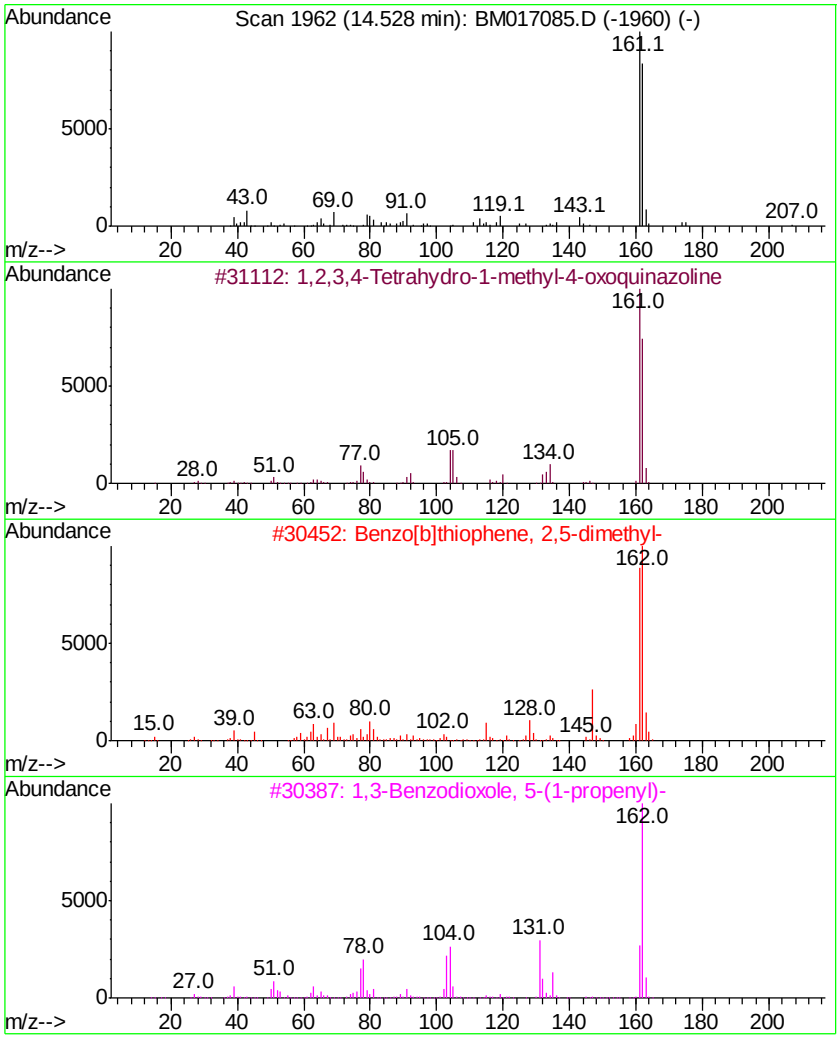
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

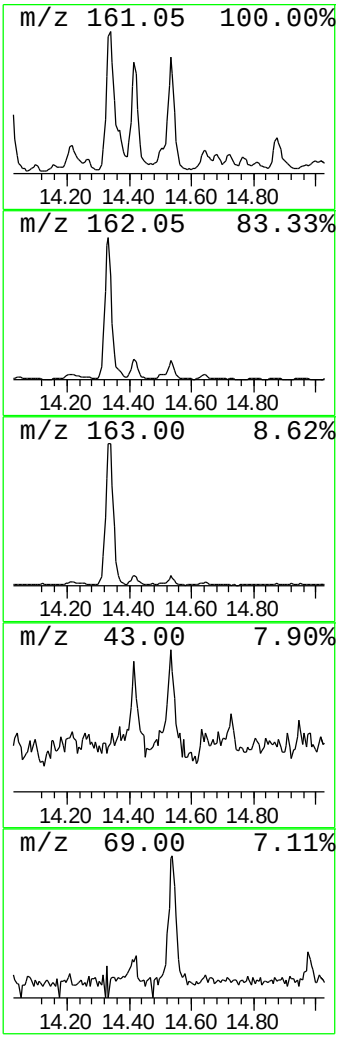
****

Peak Number 21 unknown-05 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	2.65 ng/ul	314693	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,3,4-Tetrahydro-1-methyl-4-ox...	162	C9H10N2O	035042-16-1	39
2	Benzo[b]thiophene, 2,5-dimethyl-	162	C10H10S	016587-48-7	36
3	1,3-Benzodioxole, 5-(1-propenyl)-	162	C10H10O2	000120-58-1	32
4	N-[2-(4-Chloro-phenoxy)-ethyl]-4...	289	C16H16ClNO2	1000295-08-3	17
5	Isoquinoline, 1-[3-methoxy-5-hyd...	299	C18H21NO3	084230-26-2	17





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100818\
Data File : BM017085.D
Acq On : 09 Oct 2018 03:16
Operator : MJ/SJ
Sample : J5298-15DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E62W8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.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
unknown-01	7.52	2.0	ng/ul	103869	1	7.69	1034610	20.0
2-Cyclopenten-1-o...	8.34	3.7	ng/ul	193575	1	7.69	1034610	20.0
Benzofuran, 2,3-d...	8.76	2.8	ng/ul	143945	1	7.69	1034610	20.0
2-Cyclopenten-1-o...	9.05	4.3	ng/ul	220829	1	7.69	1034610	20.0
Phenol, 2,6-dimet...	9.10	2.3	ng/ul	171790	2	10.47	1505880	20.0
Benzofuran, 2-met...	9.22	6.0	ng/ul	455021	2	10.47	1505880	20.0
Phenol, 4-methoxy...	9.72	2.0	ng/ul	151928	2	10.47	1505880	20.0
1H-Pyrazole, 1,3,...	9.77	3.1	ng/ul	234026	2	10.47	1505880	20.0
Phenol, 2,3,6-tri...	10.62	5.7	ng/ul	431880	2	10.47	1505880	20.0
Phenol, 3-ethyl-5...	11.02	2.1	ng/ul	160472	2	10.47	1505880	20.0
Phenol, 2,4,6-tri...	11.06	5.5	ng/ul	414099	2	10.47	1505880	20.0
unknown-02	12.52	2.8	ng/ul	336875	3	14.33	2375250	20.0
unknown-03	12.68	3.5	ng/ul	410658	3	14.33	2375250	20.0
unknown-04	12.73	2.4	ng/ul	287004	3	14.33	2375250	20.0
Benzene, 2-propenyl-	13.30	2.6	ng/ul	311420	3	14.33	2375250	20.0
6-Methyl-4-indanol	13.83	3.4	ng/ul	400327	3	14.33	2375250	20.0
unknown-05	14.53	2.6	ng/ul	314693	3	14.33	2375250	20.0