LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111219\
Data File : BM023661.D
Acq On : 12 Nov 2019 13:03
Operator : JU
Sample : K5538-01DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6M1DL

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-BM111119MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.787	148	153	165	rVB	473398	714229	10.17%	0.744%
2	5.087	368	374	382	rVV	193008	316073	4.50%	0.329%
3	5.216	390	396	404	rVV	426680	911126	12.97%	0.950%
4	5.581	451	458	469	rVV	426212	753048	10.72%	0.785%
5	6.540	614	621	627	rBV2	82177	177871	2.53%	0.185%
6	6.645	632	639	644	rVV	253650	407075	5.80%	0.424%
7	6.704	644	649	657	rVV4	156273	386221	5.50%	0.403%
8	6.781	657	662	669	rVB	195650	307301	4.38%	0.320%
9	6.892	675	681	685	rBV	146347	247025	3.52%	0.257%
10	6.940	685	689	696	rVB	152178	235507	3.35%	0.245%
11	7.081	708	713	726	rVB	160424	300254	4.28%	0.313%
12	7.198	726	733	742	rBV	799832	1295301	18.44%	1.350%
13	7.545	785	792	798	rBV	1470283	2362836	33.64%	2.463%
14	7.657	803	811	822	rVB	262495	486147	6.92%	0.507%
15	7.792	829	834	838	rBV	85589	149005	2.12%	0.155%
16	7.839	838	842	848	rVV4	73363	159810	2.28%	0.167%
17	7.910	848	854	860	rVB2	116012	225862	3.22%	0.235%
18	7.992	860	868	874	rBV2	1058693	1752832	24.96%	1.827%
19	8.092	880	885	891	rVB2	116980	199113	2.83%	0.208%
20	8.181	891	900	909	rBV3	284483	664982	9.47%	0.693%
21	8.257	909	913	919	rVV	138202	223985	3.19%	0.233%
22	8.345	920	928	938	rVB5	130047	342469	4.88%	0.357%
23	8.434	938	943	949	rBV	105159	178312	2.54%	0.186%
24	8.545	958	962	969	rVB	101446	173879	2.48%	0.181%
25	8.651	969	980	984	rBV	215667	448329	6.38%	0.467%
26	8.692	984	987	998	rVV2	163093	414053	5.90%	0.432%
27	8.786	998	1003	1009	rVB2	250997	424209	6.04%	0.442%
28	8.963	1027	1033	1042	rBV3	269417	476871	6.79%	0.497%
29	9.169	1062	1068	1072	rBV	113201	180041	2.56%	0.188%
30	9.228	1072	1078	1087	rVB	174892	326162	4.64%	0.340%
31	9.310	1087	1092	1103	rVB	265969	428751	6.10%	0.447%
32	9.416	1103	1110	1116	rBV2	140937	301955	4.30%	0.315%
33	9.516	1117	1127	1131	rBV	2715181	4643992	66.12%	4.841%
34	9.545	1131	1132	1142	rVB2	974591	1121539	15.97%	1.169%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111219\
Data File : BM023661.D
Acq On : 12 Nov 2019 13:03
Operator : JU
Sample : K5538-01DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6M1DL

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-BM111119MA.M
Title : SVOA CALIBRATION

35	9.739	1152	1165	1171	rBV5	386292	1062535	15.13%	1.108%
36	9.822	1172	1179	1186	rVV	3358626	5400525	76.89%	5.629%
37	9.969	1194	1204	1210	rVV2	1023238	2051360	29.21%	2.138%
38	10.033	1210	1215	1222	rVB2	103087	201714	2.87%	0.210%
39	10.122	1223	1230	1239	rBV	1482624	2454661	34.95%	2.559%
40	10.204	1239	1244	1250	rBV	752554	1226525	17.46%	1.278%
41	10.322	1257	1264	1269	rVV	2247540	3833677	54.58%	3.996%
42	10.369	1269	1272	1280	rVB2	501468	1012197	14.41%	1.055%
43	10.451	1280	1286	1295	rBV5	263416	675798	9.62%	0.704%
44	10.622	1309	1315	1321	rVB2	303665	517508	7.37%	0.539%
45	10.698	1321	1328	1339	rBV3	170835	457553	6.51%	0.477%
46	10.875	1352	1358	1363	rBV2	254513	472465	6.73%	0.492%
47	10.945	1366	1370	1375	rBV3	115903	170535	2.43%	0.178%
48	11.128	1394	1401	1405	rBV	1748872	2799367	39.86%	2.918%
49	11.169	1405	1408	1417	rVB	338397	517464	7.37%	0.539%
50	11.357	1435	1440	1445	rBV2	174179	333305	4.75%	0.347%
51	11.416	1445	1450	1454	rBV3	127402	223140	3.18%	0.233%
52	11.727	1497	1503	1508	rVV4	320012	701682	9.99%	0.731%
53	11.780	1508	1512	1518	rVB	150138	238931	3.40%	0.249%
54	11.992	1539	1548	1554	rBV	376549	660712	9.41%	0.689%
55	12.216	1580	1586	1593	rBV	279397	466639	6.64%	0.486%
56	12.763	1674	1679	1689	rVB2	151217	332821	4.74%	0.347%
57	13.045	1722	1727	1732	rBV	331789	453077	6.45%	0.472%
58	13.116	1734	1739	1745	rVV	261957	406380	5.79%	0.424%
59	13.363	1777	1781	1786	rVV5	70532	177882	2.53%	0.185%
60	13.445	1791	1795	1802	rVB4	119476	195892	2.79%	0.204%
61	13.521	1802	1808	1813	rBV2	142596	314587	4.48%	0.328%
62	13.574	1813	1817	1820	rVV2	133653	213645	3.04%	0.223%
63	13.616	1820	1824	1829	rVB	576827	809423	11.52%	0.844%
64	13.710	1835	1840	1843	rVV4	101089	164852	2.35%	0.172%
65	13.751	1843	1847	1852	rVB	1294774	1691537	24.08%	1.763%
66	13.886	1864	1870	1875	rBV	677811	1071502	15.26%	1.117%
67	13.974	1880	1885	1891	rVB	267971	399021	5.68%	0.416%
68	14.092	1902	1905	1909	rBV	120028	150447	2.14%	0.157%
69	14.127	1909	1911	1915	rVB	146423	166742	2.37%	0.174%
70	14.198	1917	1923	1929	rBV	3902864	5937945	84.54%	6.189%
71	15.039	2062	2066	2070	rVB	268032	353094	5.03%	0.368%

LSC Area Percent Report

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Data File : BM023661.D
Acq On : 12 Nov 2019 13:03
Operator : JU
Sample : K5538-01DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6M1DL

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-BM111119MA.M
Title : SVOA CALIBRATION

72	15.092	2070	2075	2084	rVB2	231497	494199	7.04%	0.515%
73	15.198	2088	2093	2098	rVV	867047	1158333	16.49%	1.207%
74	15.327	2111	2115	2122	rVB2	147920	245955	3.50%	0.256%
75	15.533	2147	2150	2155	rVV2	153953	209208	2.98%	0.218%
76	15.586	2156	2159	2166	rVB2	118487	185813	2.65%	0.194%
77	15.780	2188	2192	2198	rBV4	163829	266674	3.80%	0.278%
78	15.845	2200	2203	2208	rBV5	107295	172636	2.46%	0.180%
79	15.951	2218	2221	2223	rBV3	152739	155876	2.22%	0.162%
80	16.057	2237	2239	2247	rVB	108572	161088	2.29%	0.168%
81	16.215	2262	2266	2270	rBV	445012	607940	8.66%	0.634%
82	16.562	2319	2325	2332	rVB3	520832	910008	12.96%	0.949%
83	16.745	2352	2356	2361	rBV3	193294	268036	3.82%	0.279%
84	16.798	2362	2365	2372	rVB2	173133	251671	3.58%	0.262%
85	16.880	2376	2379	2382	rVV	134758	166495	2.37%	0.174%
86	16.951	2385	2391	2396	rVV	4878894	7023485	100.00%	7.321%
87	16.986	2396	2397	2402	rVV	269697	342228	4.87%	0.357%
88	17.045	2402	2407	2419	rVB2	1023699	1680691	23.93%	1.752%
89	17.362	2459	2461	2465	rVB2	182042	216626	3.08%	0.226%
90	17.480	2478	2481	2485	rVB	275088	320970	4.57%	0.335%
91	17.874	2544	2548	2554	rBV	256787	349055	4.97%	0.364%
92	18.174	2596	2599	2604	rVB	334896	384076	5.47%	0.400%
93	18.586	2666	2669	2672	rVB2	195845	215789	3.07%	0.225%
94	18.815	2705	2708	2713	rVB	374425	421531	6.00%	0.439%
95	19.080	2751	2753	2762	rVB3	330248	575960	8.20%	0.600%
96	19.350	2795	2799	2805	rBV2	1212089	1977942	28.16%	2.062%
97	19.933	2896	2898	2903	rVB	353609	331346	4.72%	0.345%
98	21.150	3100	3105	3110	rBV	5476594	6956102	99.04%	7.251%
99	22.003	3246	3250	3257	rVB	2718741	3467736	49.37%	3.615%
100	23.309	3466	3472	3482	rVB	3446275	6366678	90.65%	6.636%

Sum of corrected areas: 95937452

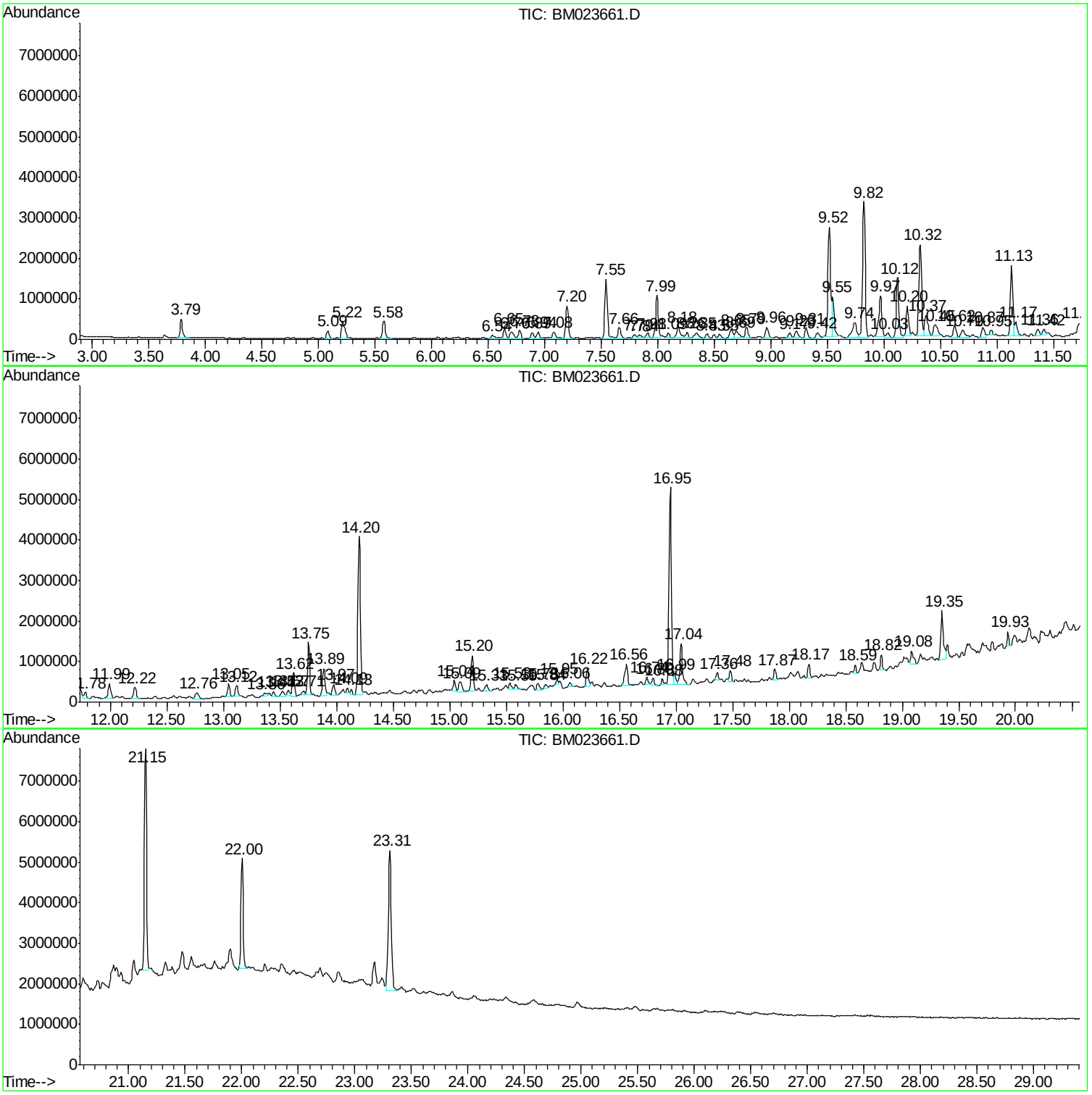
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111219\
Data File : BM023661.D
Acq On : 12 Nov 2019 13:03
Operator : JU
Sample : K5538-01DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6M1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111219\
Data File : BM023661.D
Acq On : 12 Nov 2019 13:03
Operator : JU
Sample : K5538-01DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6M1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

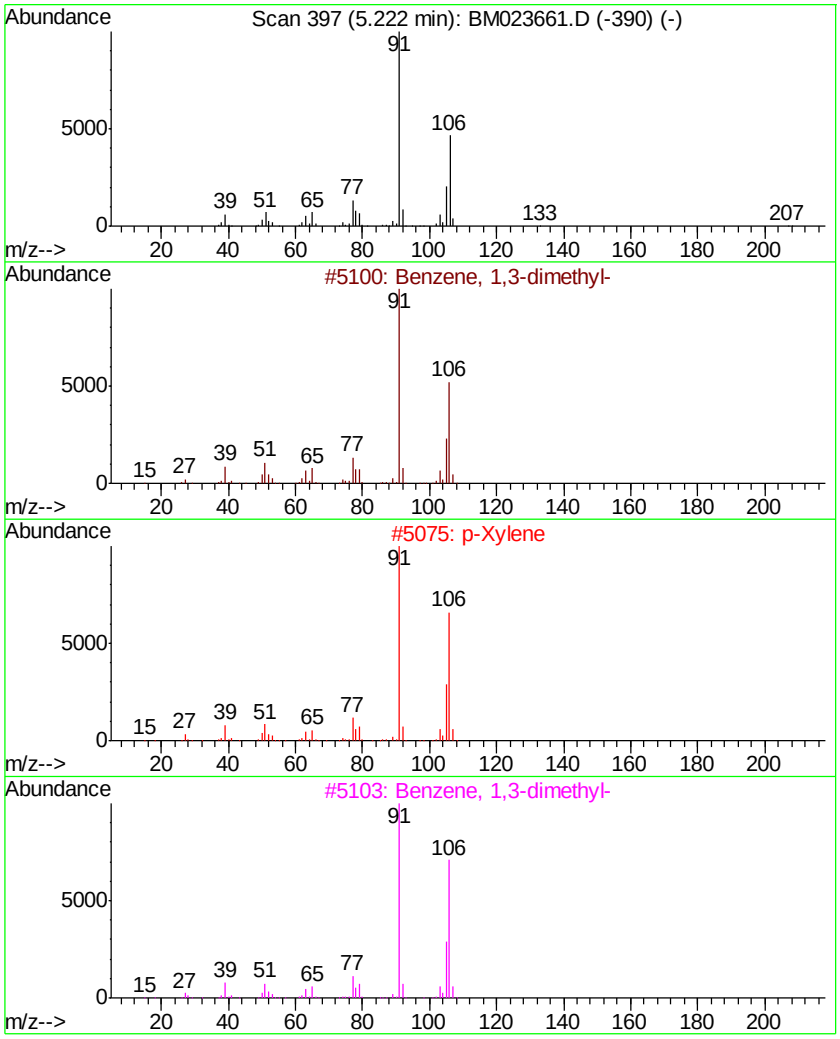
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

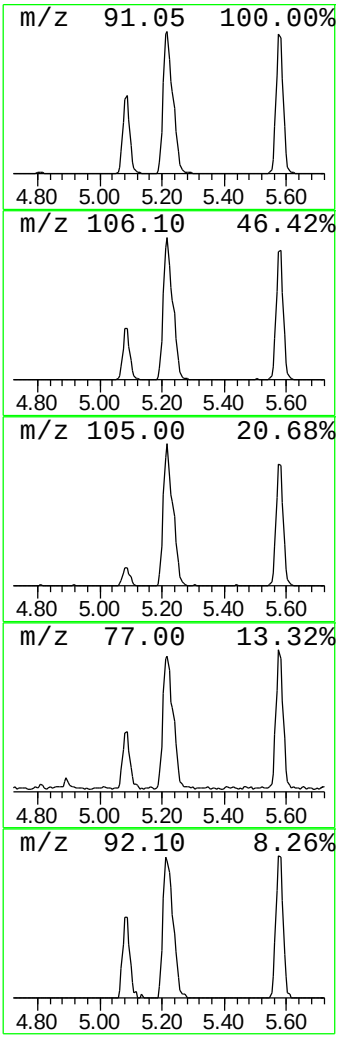
****

Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	7.71 ng/ul	911126	1,4-Dichlorobenzene-d4	7.55

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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111219\
Data File : BM023661.D
Acq On : 12 Nov 2019 13:03
Operator : JU
Sample : K5538-01DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6M1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

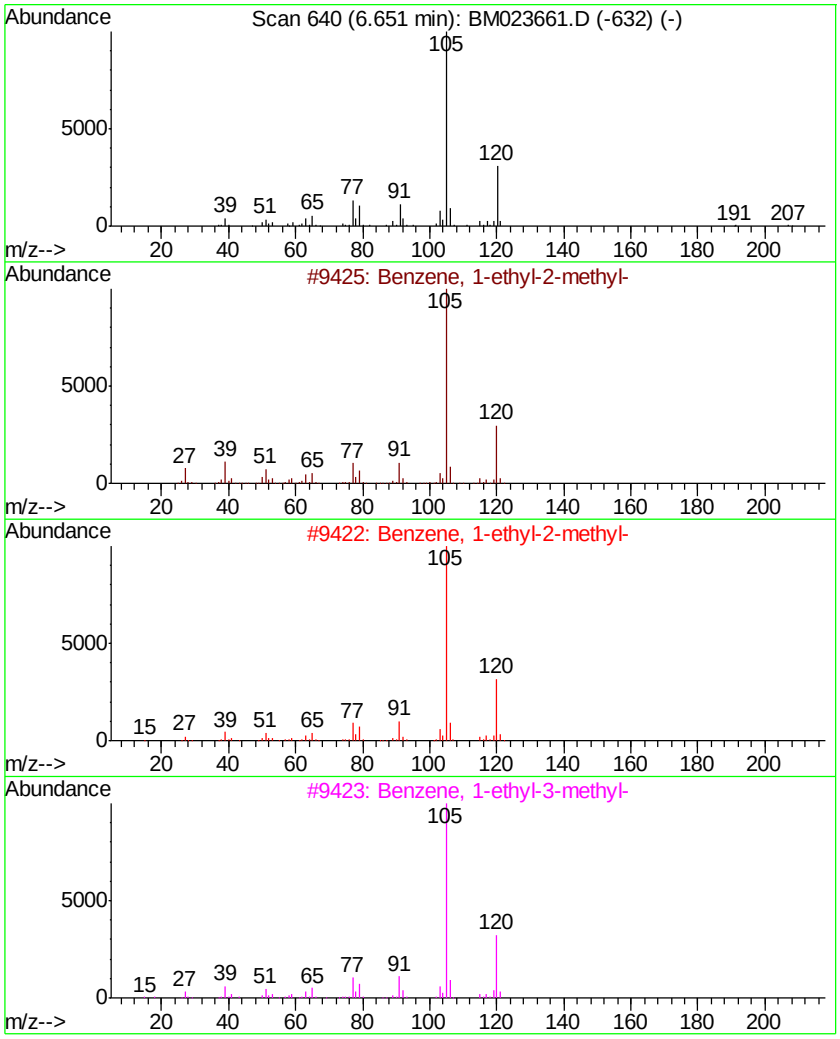
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

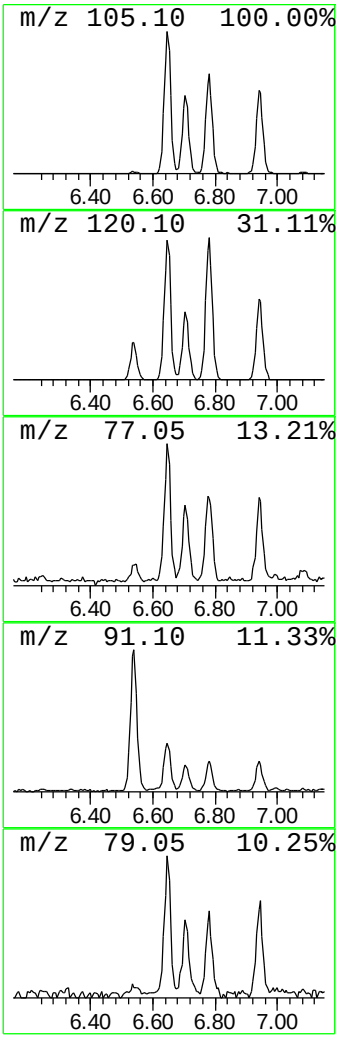
****

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	3.45 ng/ul	407075	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111219\
Data File : BM023661.D
Acq On : 12 Nov 2019 13:03
Operator : JU
Sample : K5538-01DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6M1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

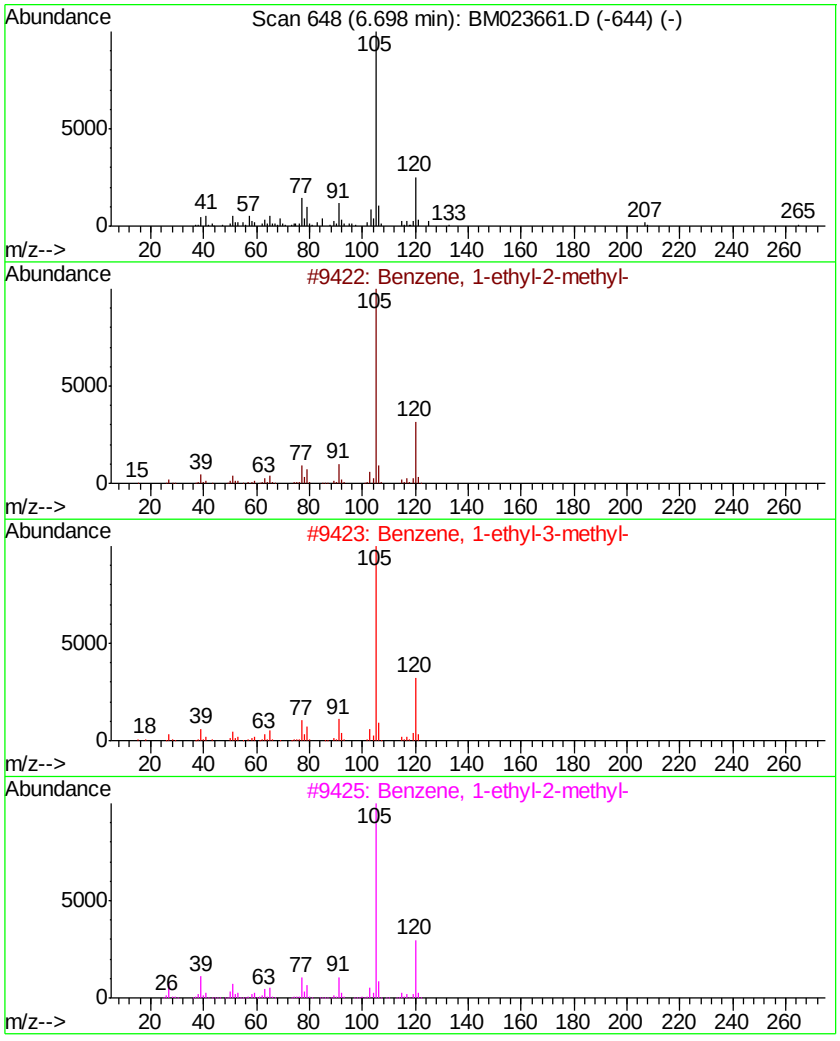
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

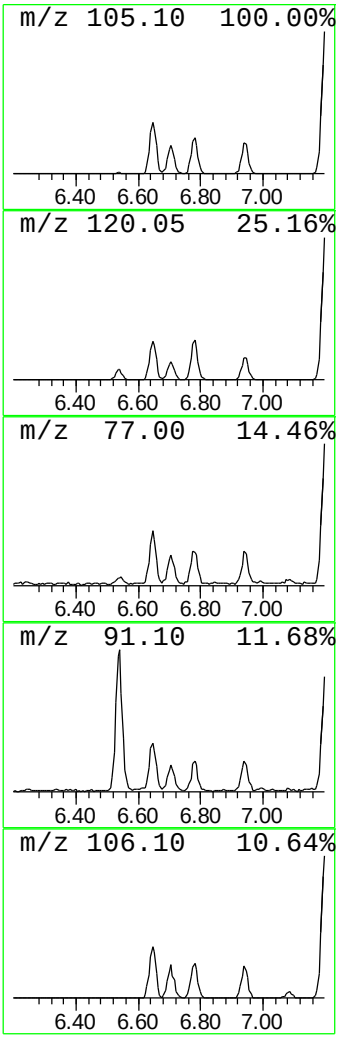
****

Peak Number 6 Benzene, 1-ethyl-3-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	3.27 ng/ul	386221	1,4-Dichlorobenzene-d4	7.55

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-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Mesitylene	120	C9H12	000108-67-8	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111219\
Data File : BM023661.D
Acq On : 12 Nov 2019 13:03
Operator : JU
Sample : K5538-01DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6M1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

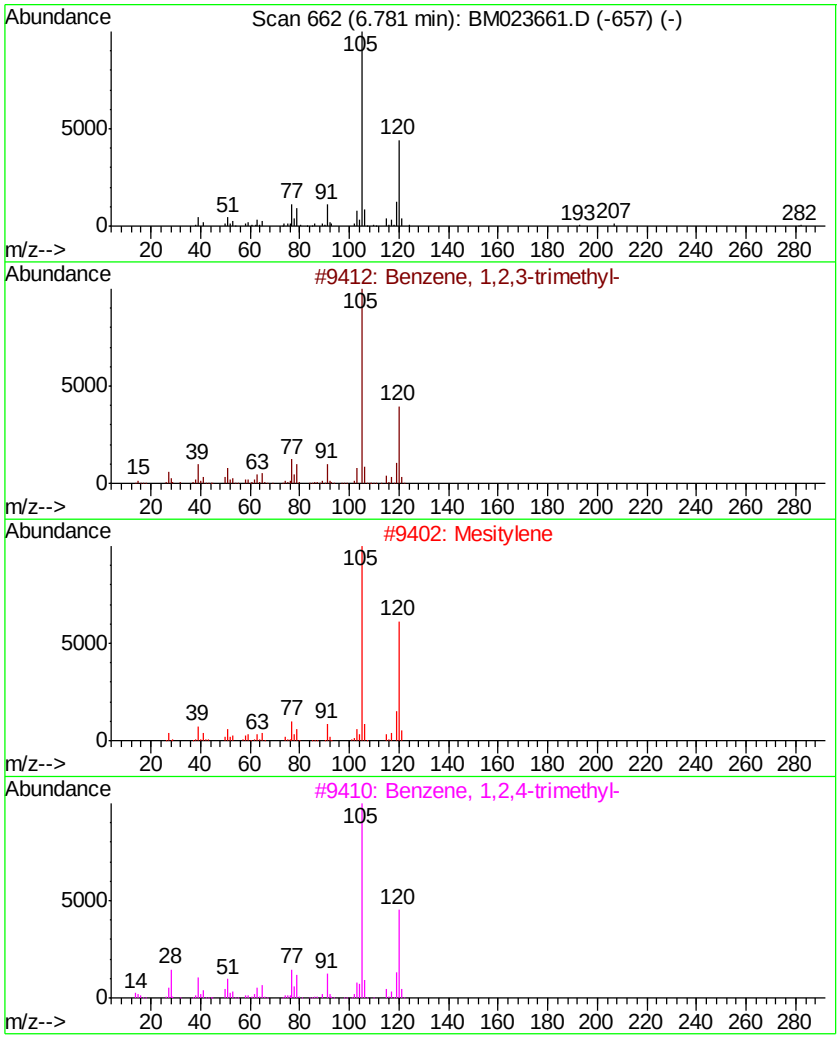
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

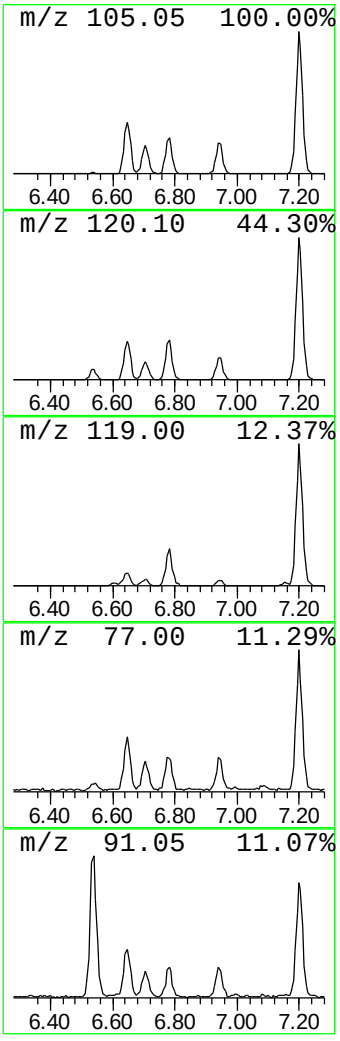
****

Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	2.60 ng/ul	307301	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
5	Mesitylene	120	C9H12	000108-67-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111219\
Data File : BM023661.D
Acq On : 12 Nov 2019 13:03
Operator : JU
Sample : K5538-01DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6M1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

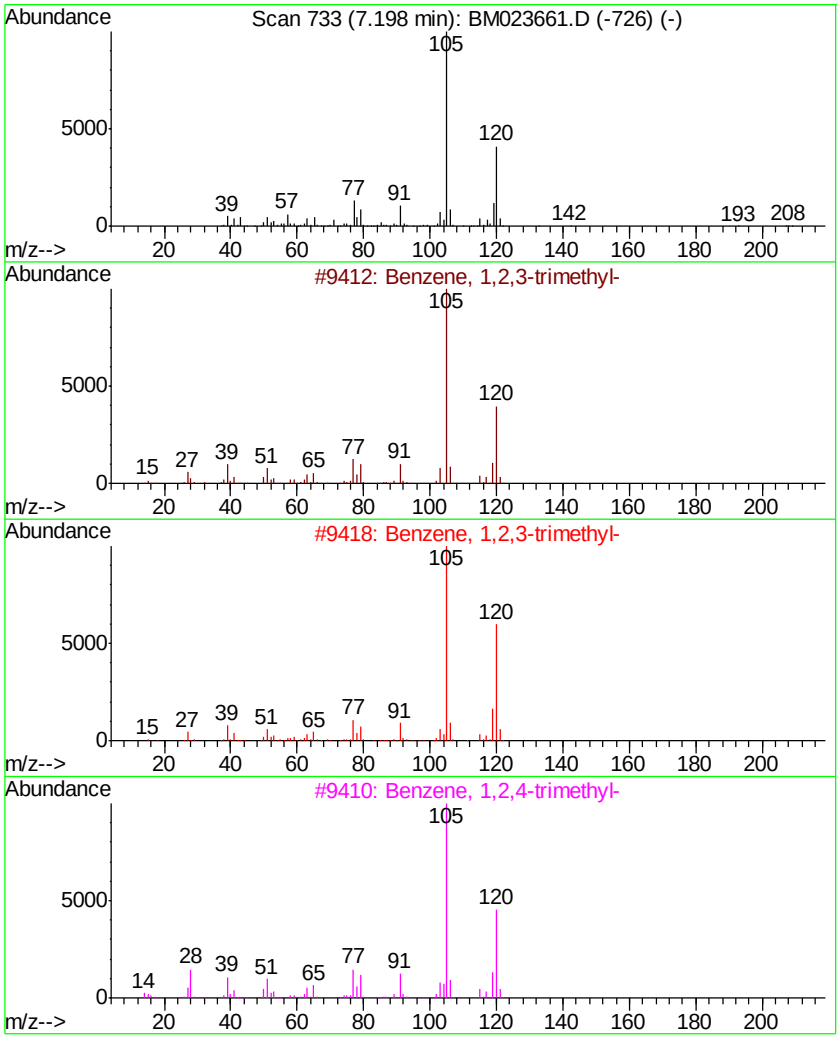
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

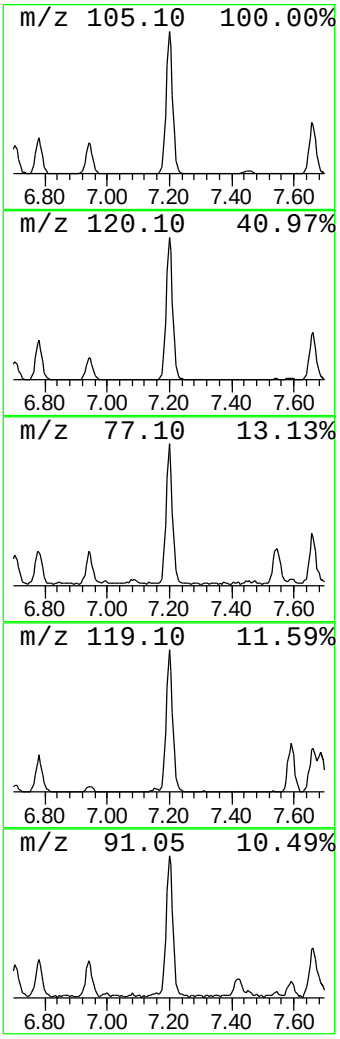
****

Peak Number 8 Benzene, 1,2,4-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	10.96 ng/ul	1295300	1,4-Dichlorobenzene-d4	7.55

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	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Mesitylene	120	C9H12	000108-67-8	93
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





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Acq On : 12 Nov 2019 13:03
Operator : JU
Sample : K5538-01DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6M1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

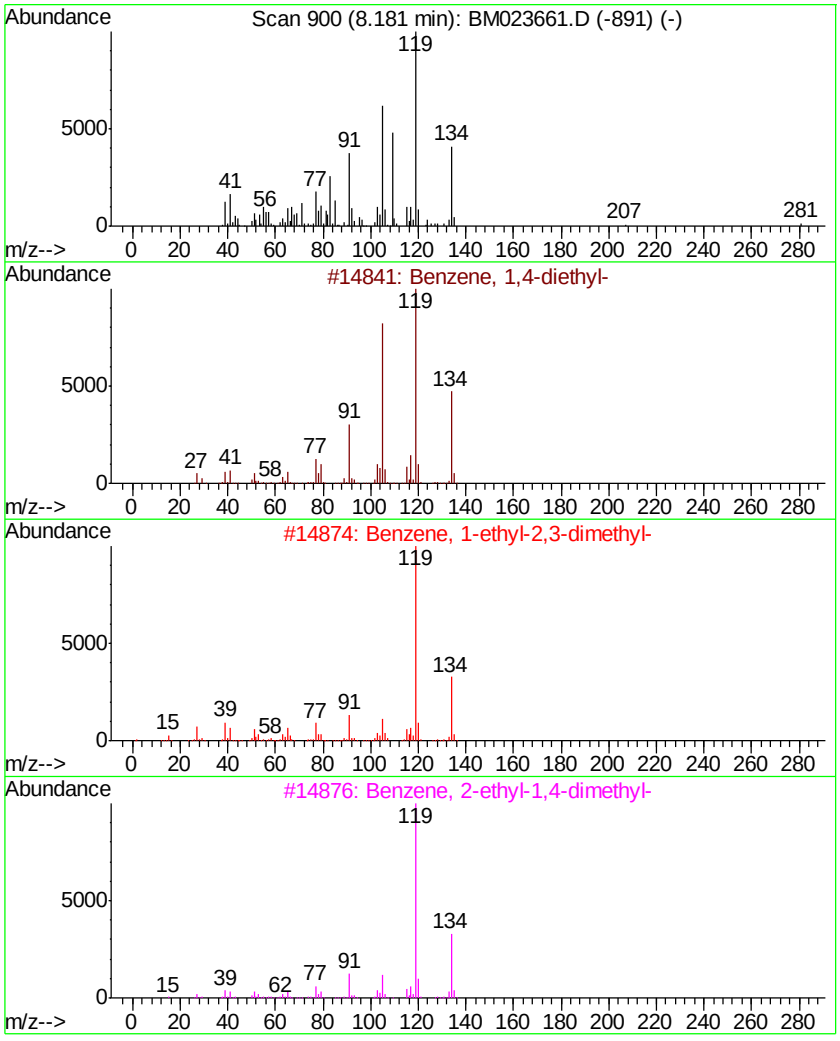
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

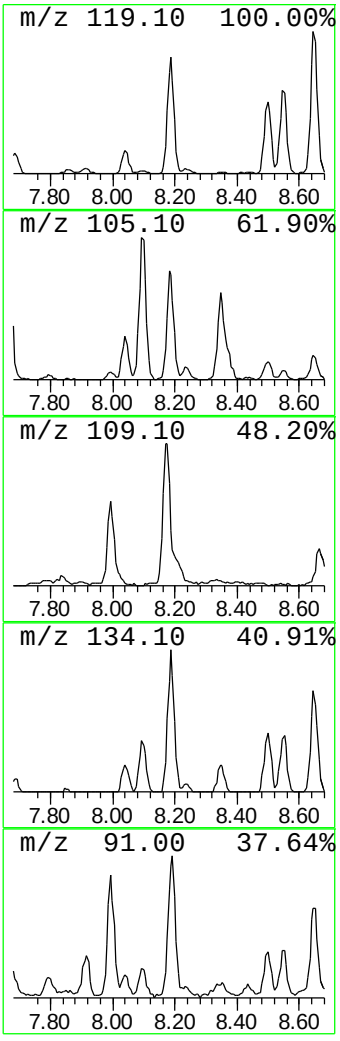
****

Peak Number 10 Benzene, 1,4-diethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.18	5.63 ng/ul	664982	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	83
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	64
5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	64





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Operator : JU
Sample : K5538-01DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6M1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

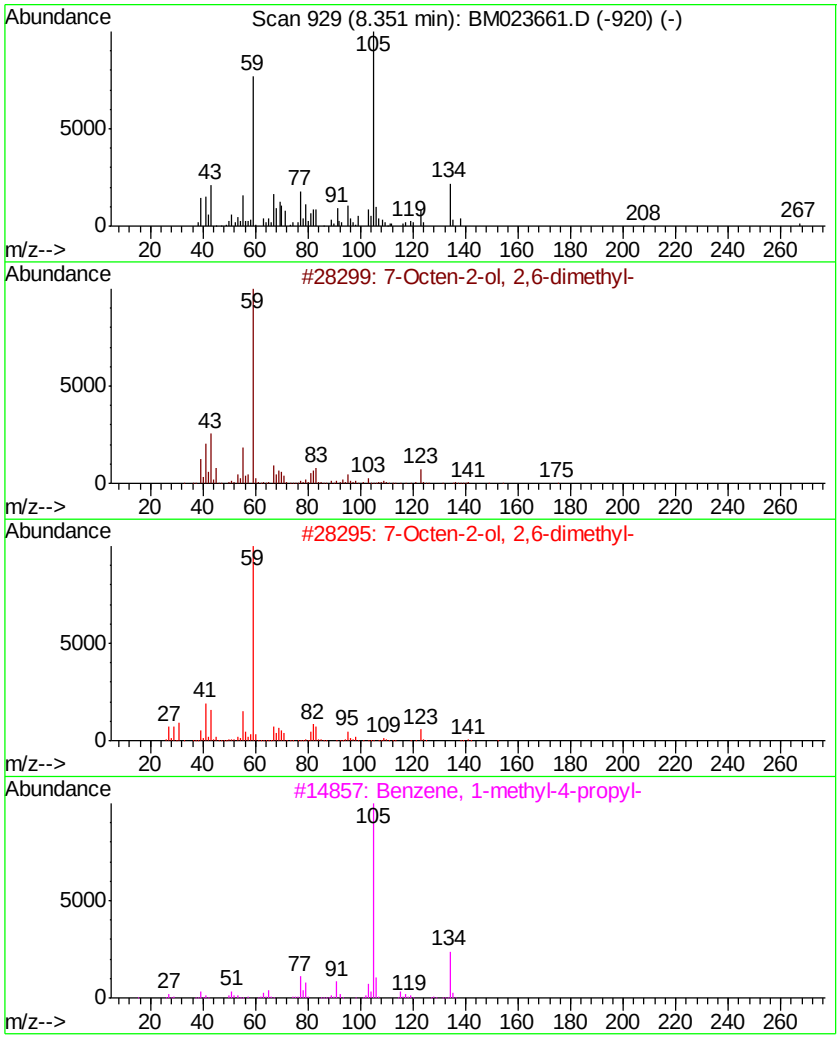
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

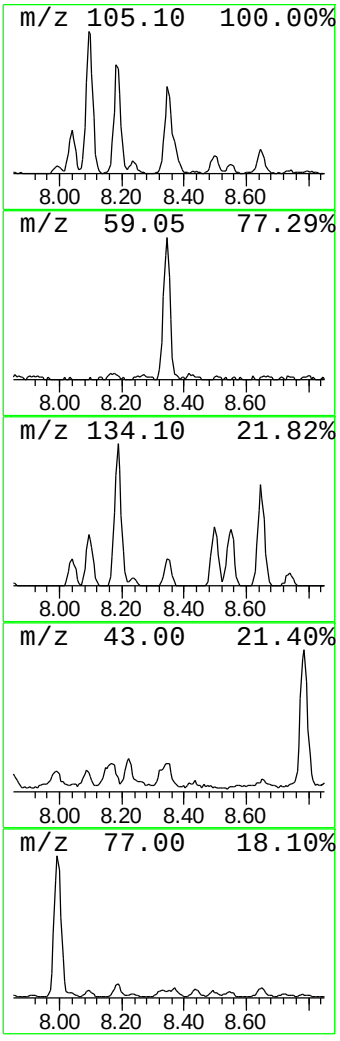
****

Peak Number 11 unknown-01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	2.90 ng/ul	342469	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Octen-2-ol, 2,6-dimethyl-	156	C10H20O	018479-58-8	43
2	7-Octen-2-ol, 2,6-dimethyl-	156	C10H20O	018479-58-8	38
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	35
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	35
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	20





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Operator : JU
Sample : K5538-01DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6M1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

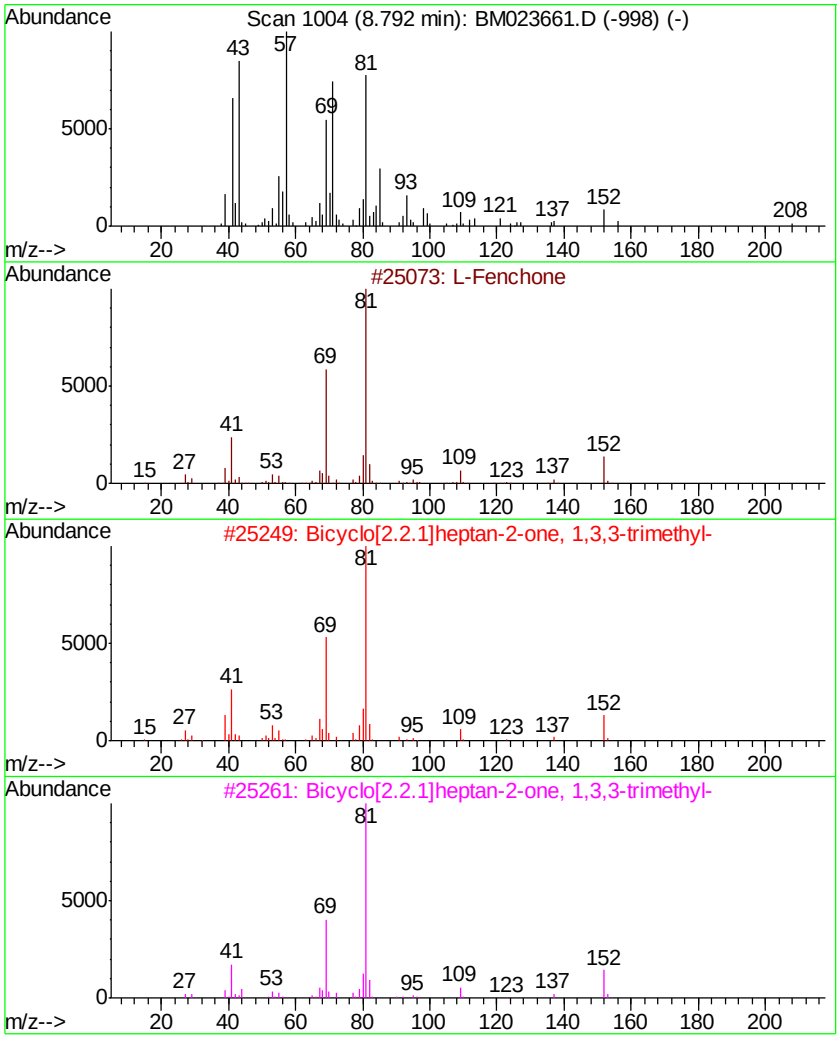
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

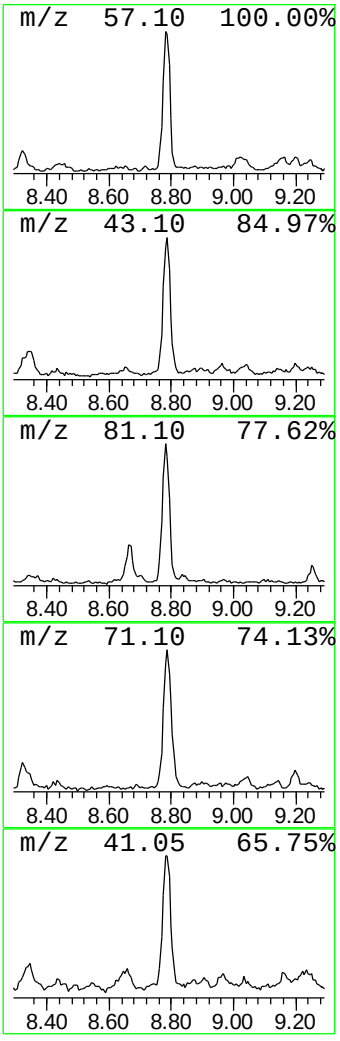
****

Peak Number 12 unknown-02 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.79	3.59 ng/ul	424209	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	L-Fenchone	152	C10H16O	007787-20-4	41
2	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	38
3	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	38
4	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	38
5	D-Fenchone	152	C10H16O	004695-62-9	38





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Acq On : 12 Nov 2019 13:03
Operator : JU
Sample : K5538-01DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6M1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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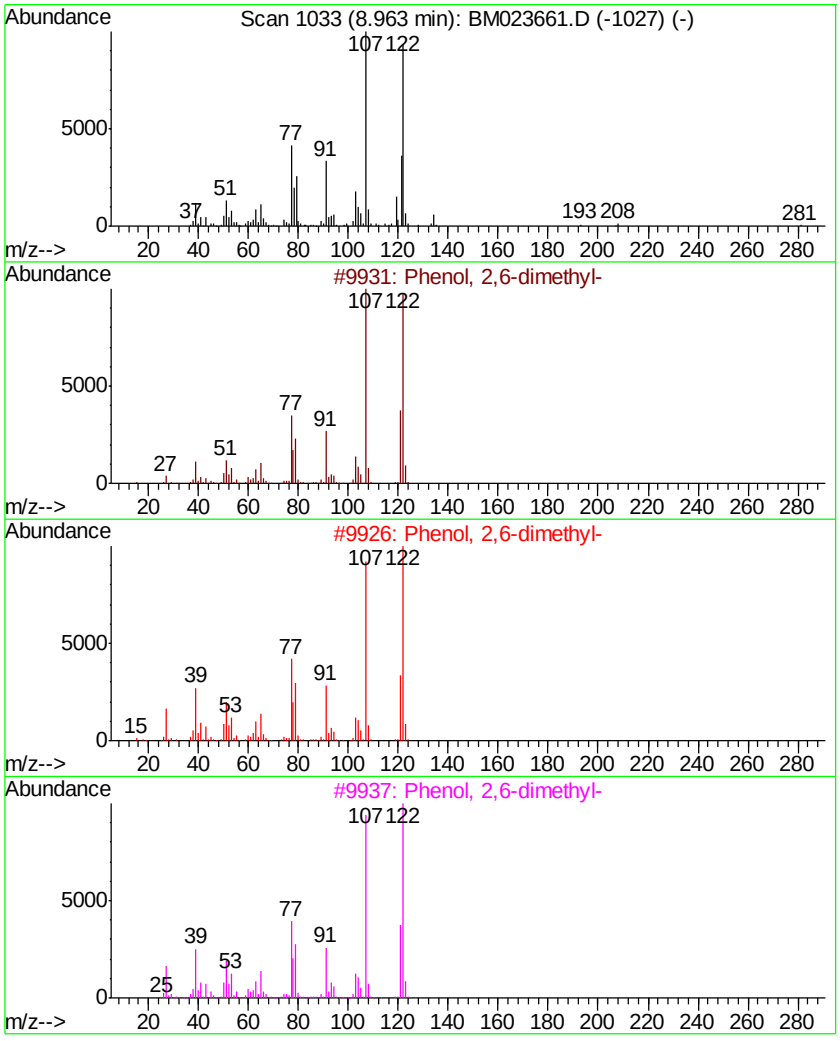
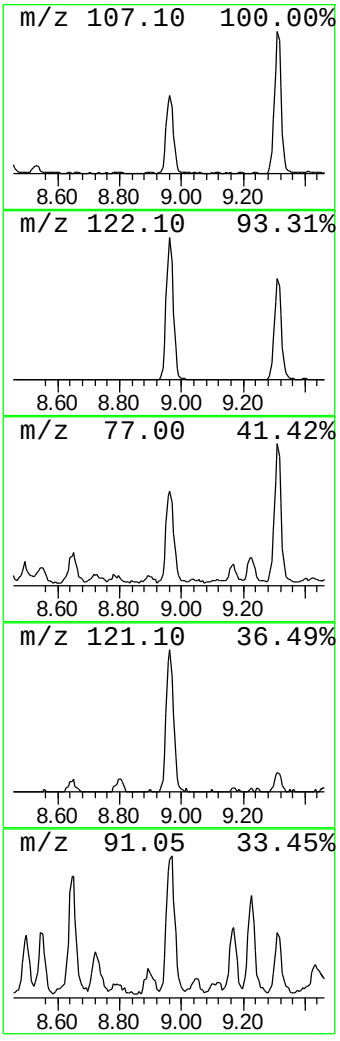
Peak Number 13 Phenol, 2,6-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.96	2.49 ng/ul	476871	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	95
2	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	94
3	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	93
4	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	90
5	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	87





Library Search Compound Report

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Acq On : 12 Nov 2019 13:03
Operator : JU
Sample : K5538-01DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6M1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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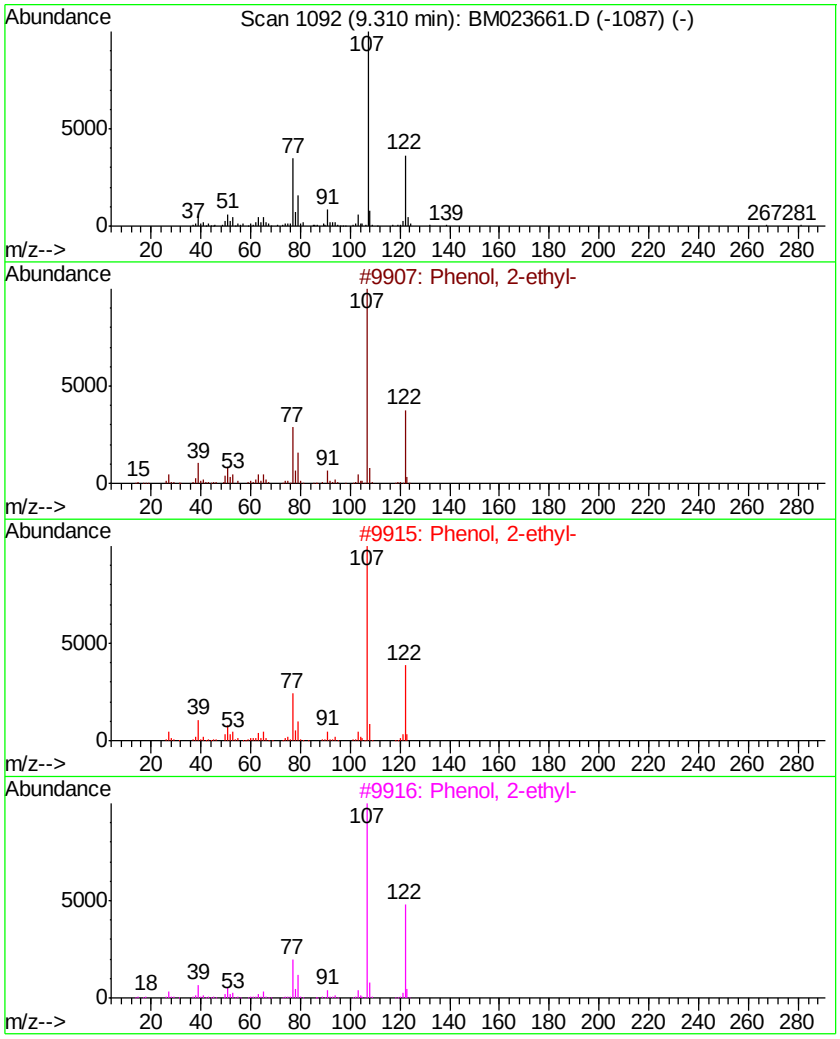
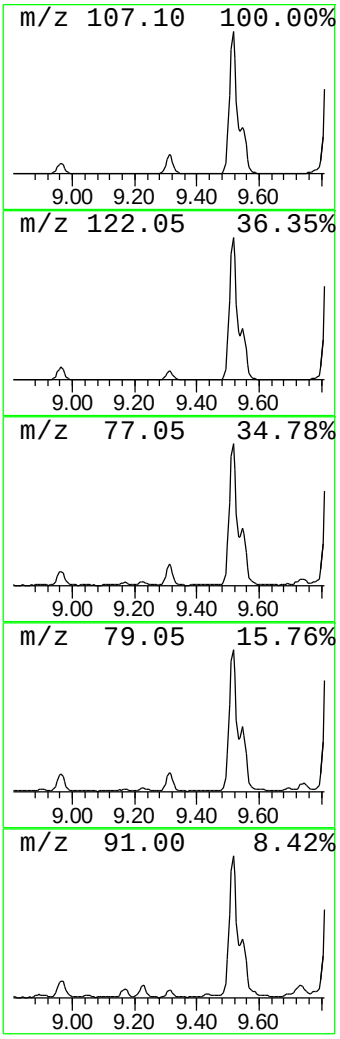
Peak Number 14 Phenol, 2-ethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	2.24 ng/ul	428751	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	97
2	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	91
3	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	91
4	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	91
5	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	90





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Acq On : 12 Nov 2019 13:03
Operator : JU
Sample : K5538-01DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6M1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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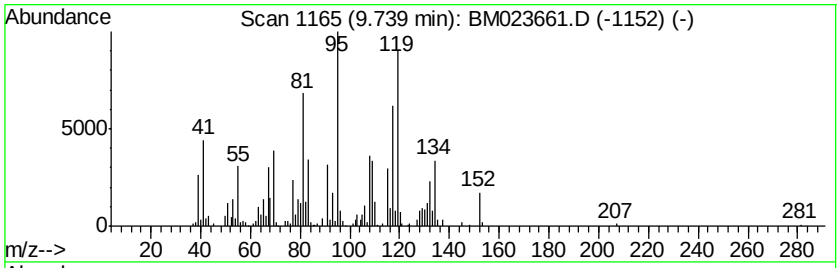
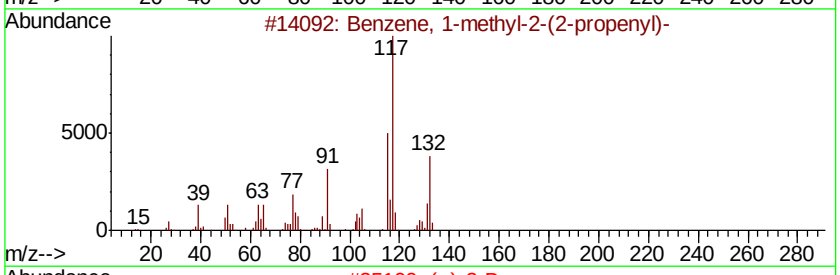
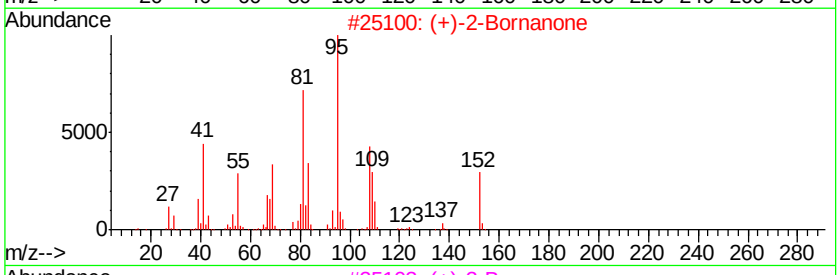
Peak Number 15 Benzene, 1-methyl-2-(2-prop... Concentration Rank 11

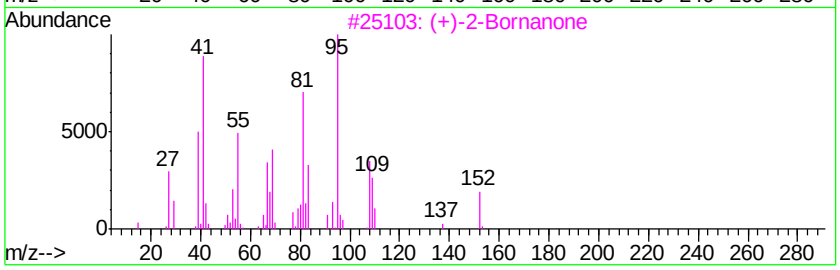
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.74	5.54 ng/ul	1062540	Naphthalene-d8	10.32

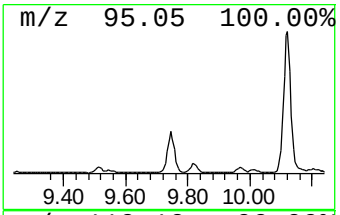
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	59
2	(+)-2-Bornanone	152	C10H16O	000464-49-3	56
3	(+)-2-Bornanone	152	C10H16O	000464-49-3	56
4	(+)-2-Bornanone	152	C10H16O	000464-49-3	56
5	Camphor	152	C10H16O	000076-22-2	56

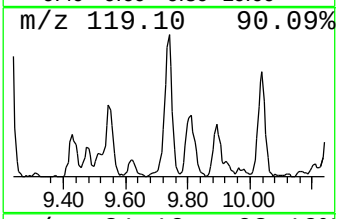


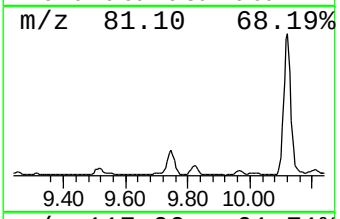


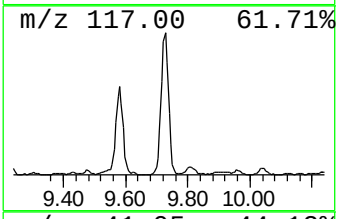


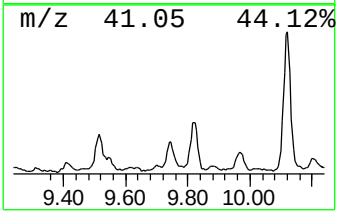












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Acq On : 12 Nov 2019 13:03
Operator : JU
Sample : K5538-01DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6M1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

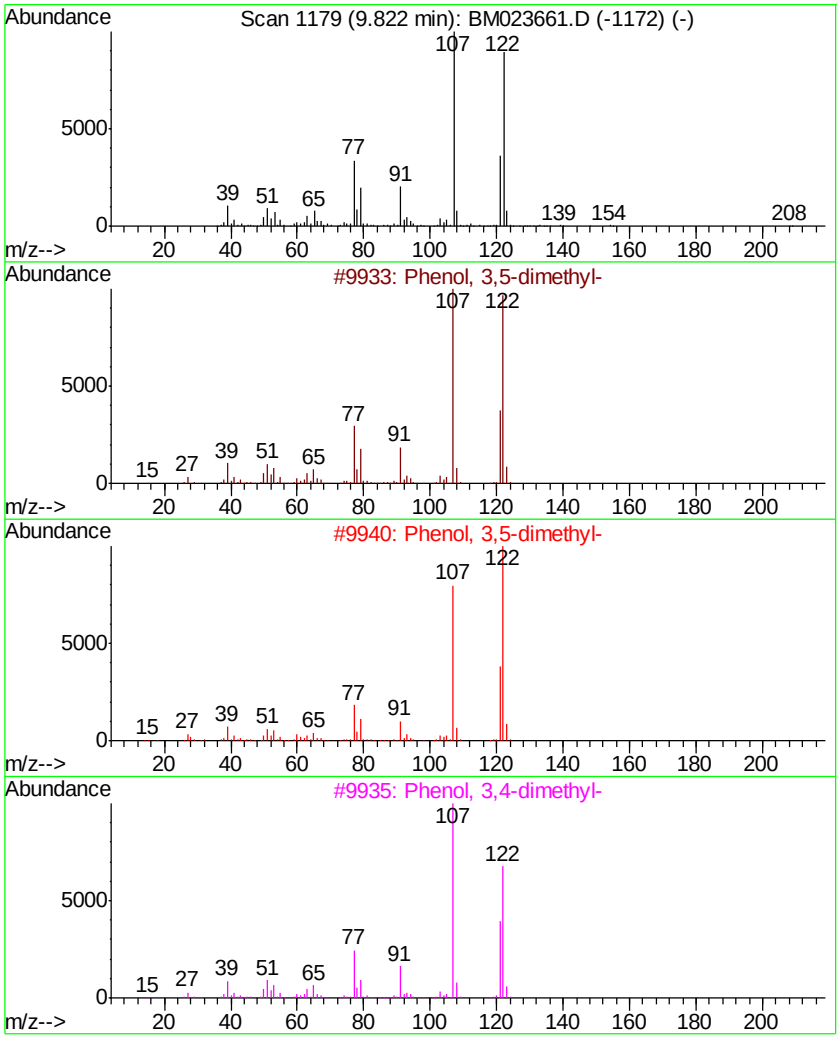
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

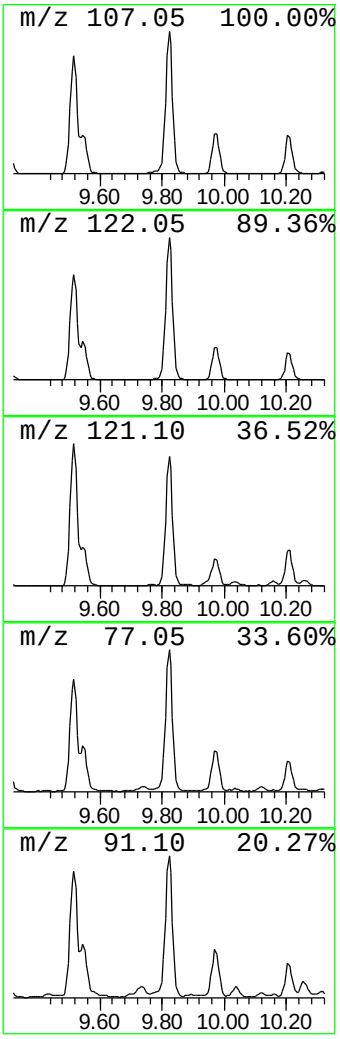
****

Peak Number 16 Phenol, 3,5-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	28.17 ng/ul	5400530	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	96
2	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	95
3	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	94
4	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	94
5	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	91





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Data File : BM023661.D
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Operator : JU
Sample : K5538-01DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6M1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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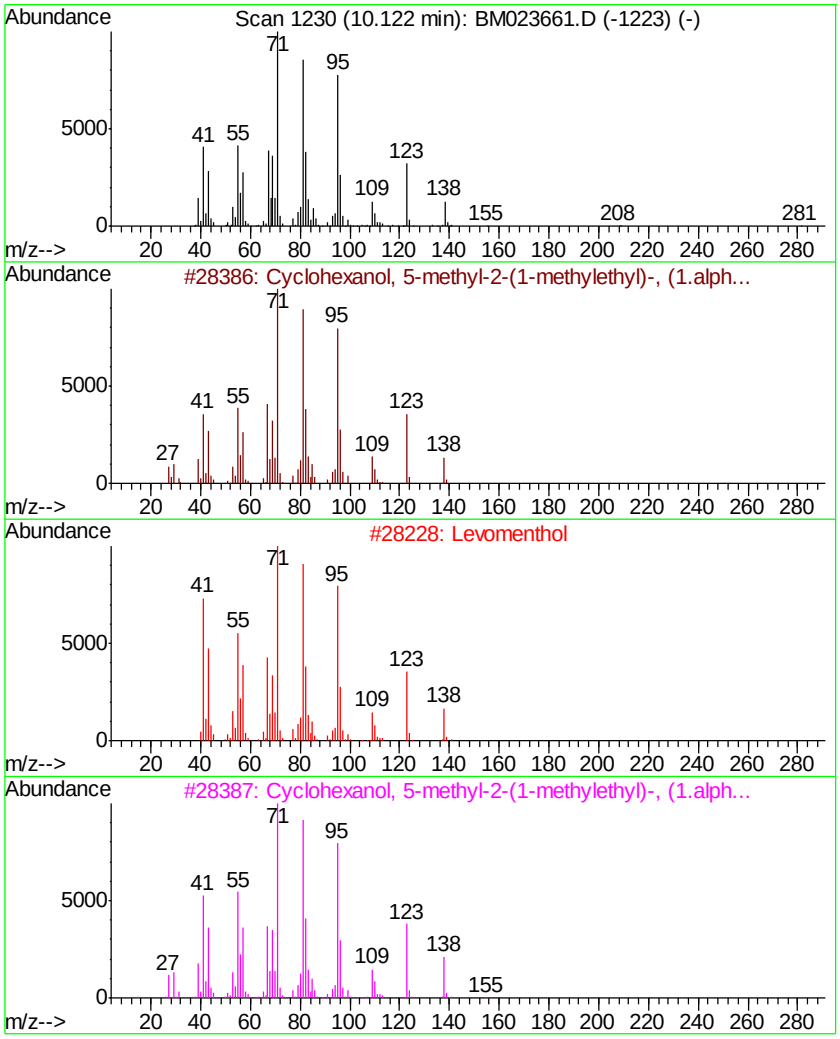
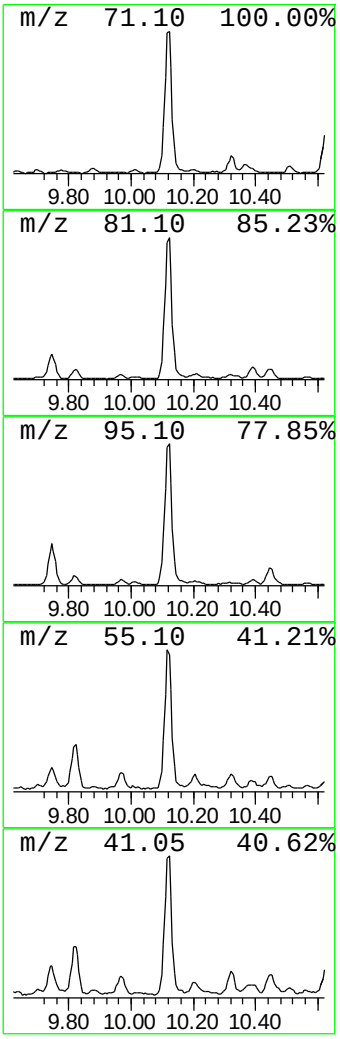
Peak Number 17 Cyclohexanol, 5-methyl-2-(1... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.12	12.81 ng/ul	2454660	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	015356-70-4	91
2	Levomenthol	156	C10H20O	002216-51-5	91
3	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	015356-70-4	91
4	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	001490-04-6	91
5	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	001490-04-6	90





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Operator : JU
Sample : K5538-01DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6M1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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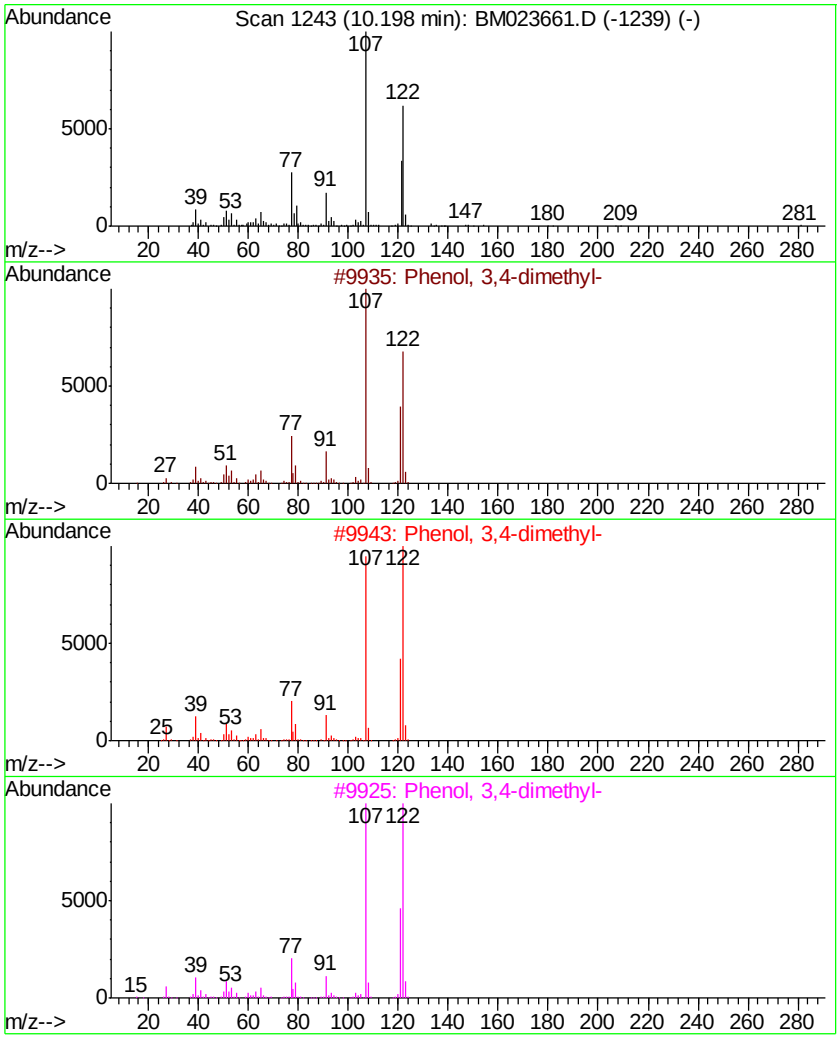
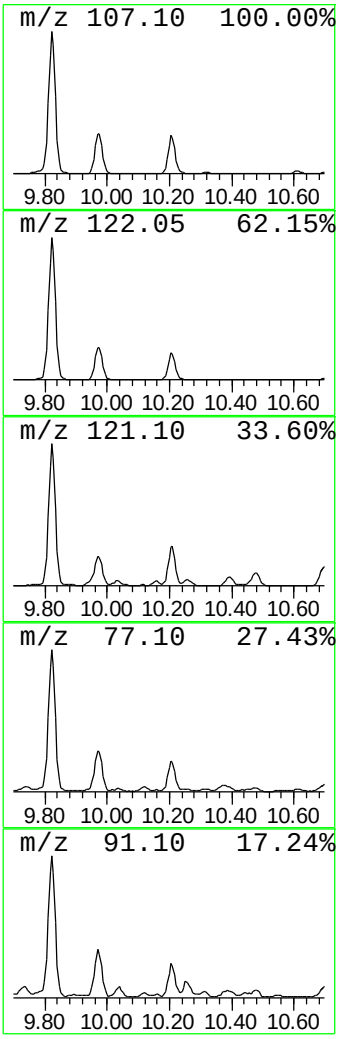
Peak Number 18 Phenol, 3,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	6.40 ng/ul	1226530	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	96
2	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	95
3	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	95
4	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	91
5	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	91





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6M1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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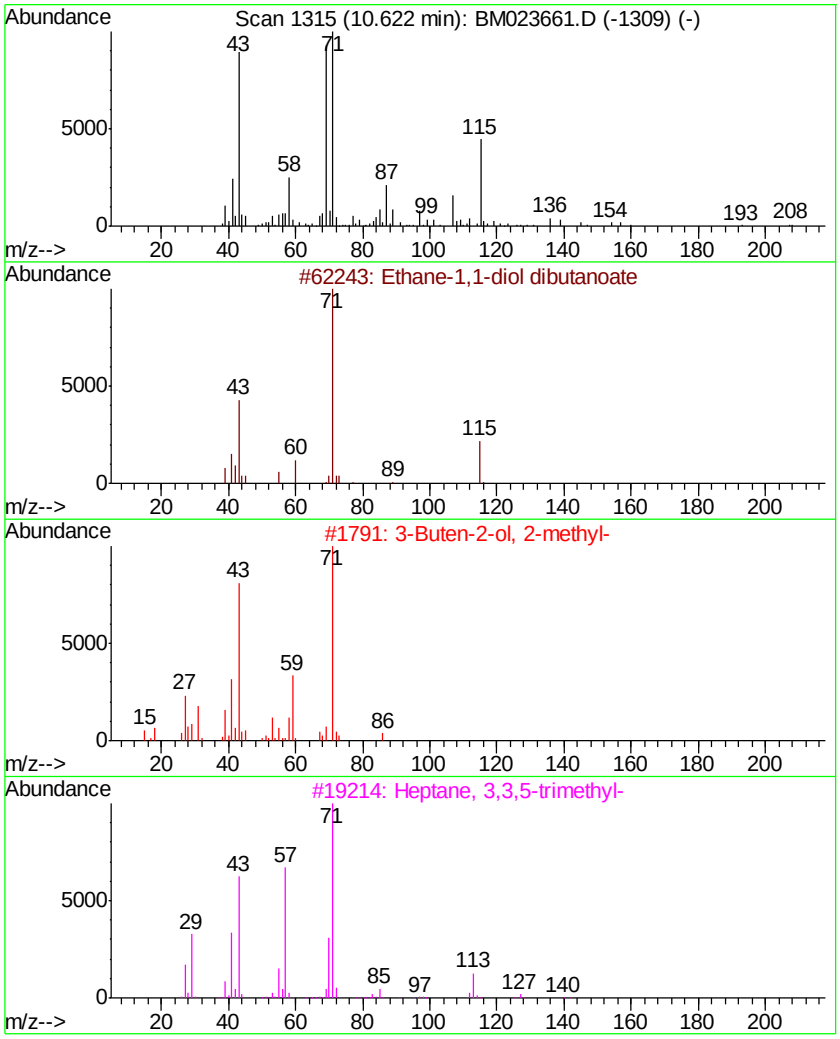
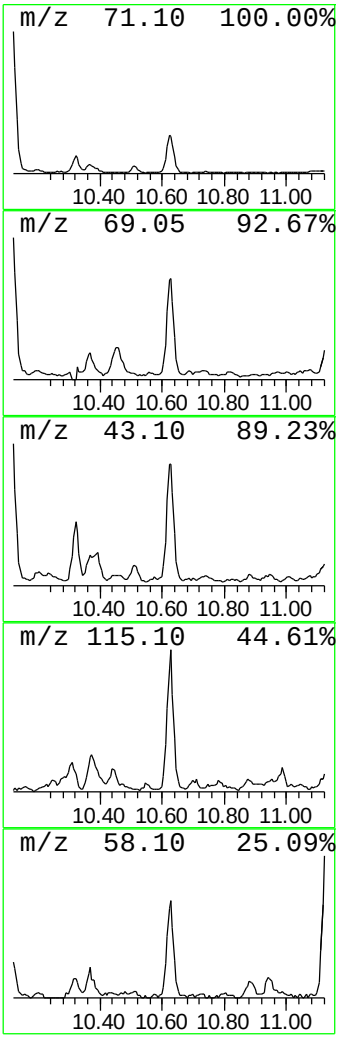
Peak Number 19 unknown-03 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	2.70 ng/ul	517508	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane-1,1-diol dibutanoate	202	C10H18O4	025572-25-2	35
2	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	22
3	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	22
4	4-Heptanone	114	C7H14O	000123-19-3	22
5	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	22





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Data File : BM023661.D
Acq On : 12 Nov 2019 13:03
Operator : JU
Sample : K5538-01DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6M1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

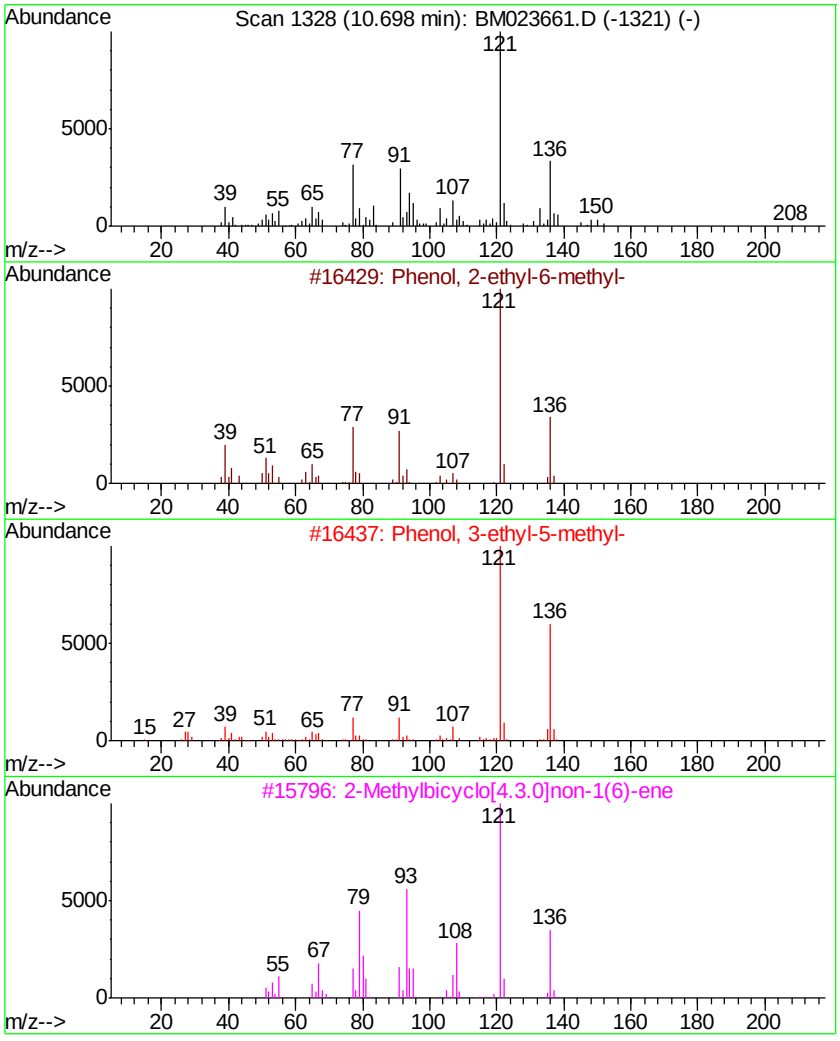
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

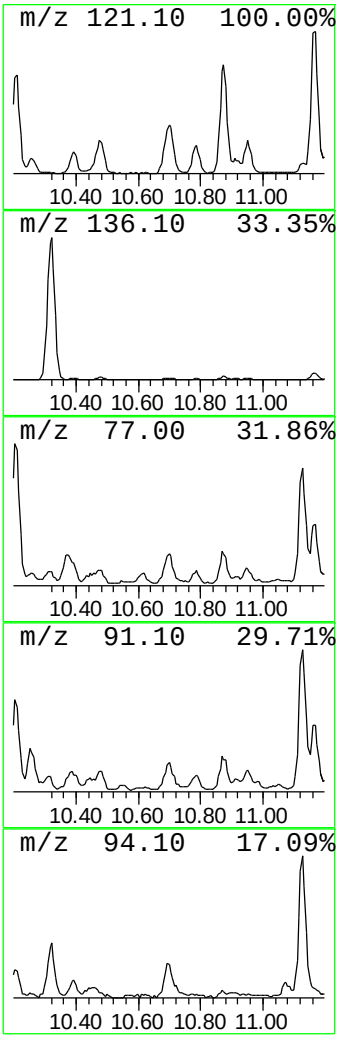
****

Peak Number 20 Phenol, 2-ethyl-6-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	2.39 ng/ul	457553	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	90
2	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	87
3	2-Methylbicyclo[4.3.0]non-1(6)-ene	136	C10H16	060223-07-6	83
4	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	80
5	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	80





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Data File : BM023661.D
Acq On : 12 Nov 2019 13:03
Operator : JU
Sample : K5538-01DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6M1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

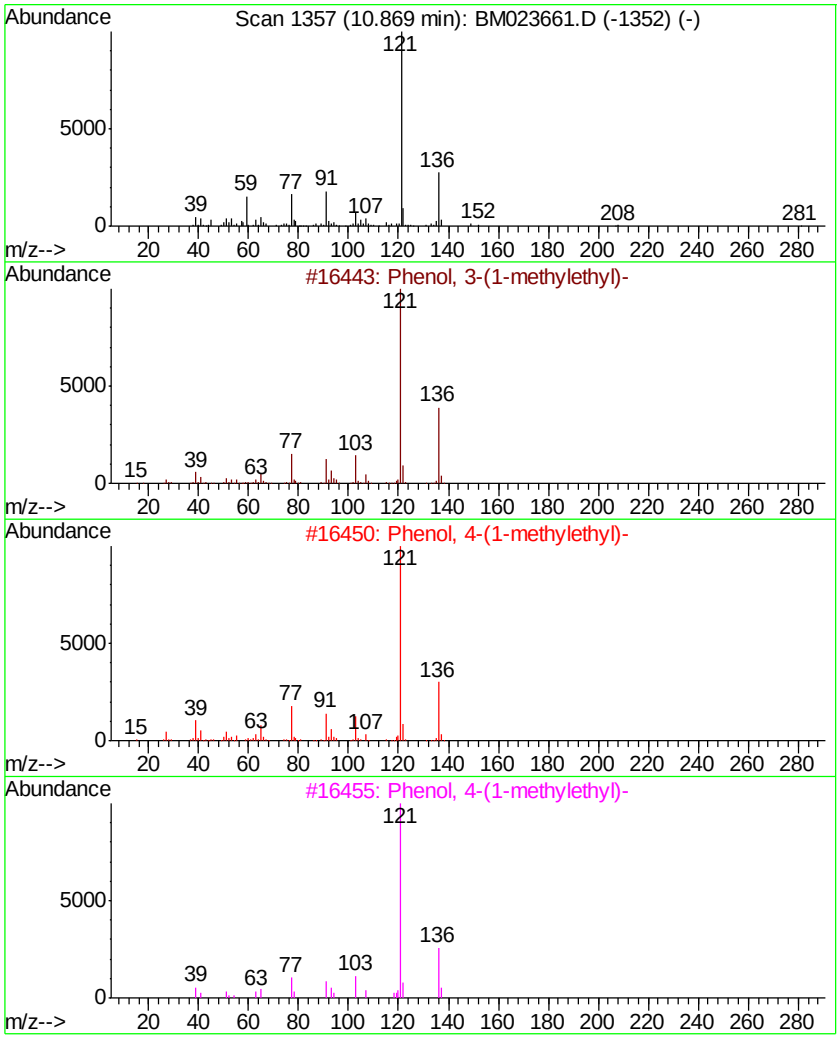
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

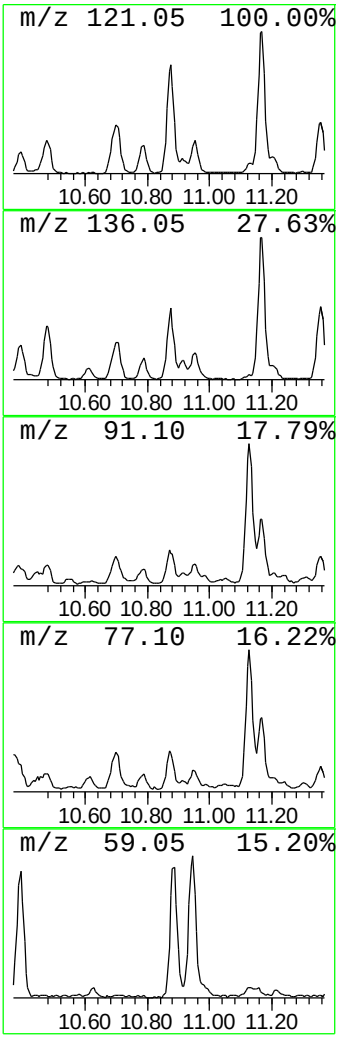
****

Peak Number 21 Phenol, 3-(1-methylethyl)- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	2.46 ng/ul	472465	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	87
2	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	83
3	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	83
4	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	81
5	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	74





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Data File : BM023661.D
Acq On : 12 Nov 2019 13:03
Operator : JU
Sample : K5538-01DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6M1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

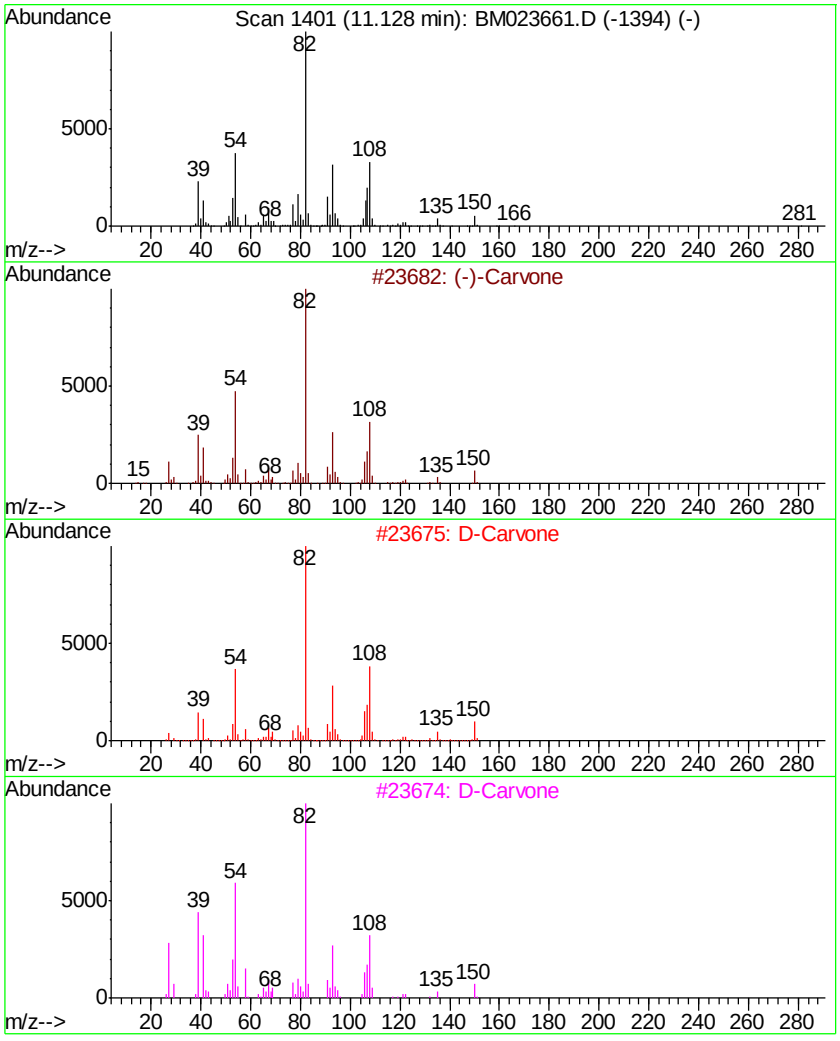
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

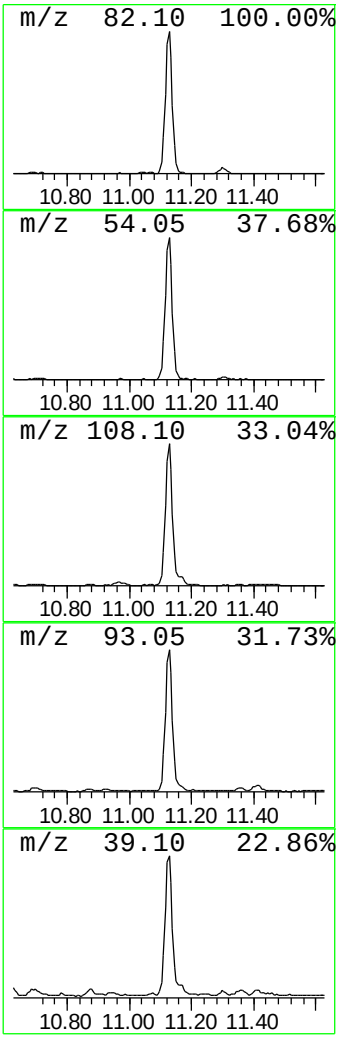
****

Peak Number 22 (-)-Carvone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	14.60 ng/ul	2799370	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(-)-Carvone	150	C10H14O	006485-40-1	97
2	D-Carvone	150	C10H14O	002244-16-8	95
3	D-Carvone	150	C10H14O	002244-16-8	94
4	(-)-Carvone	150	C10H14O	006485-40-1	93
5	D-Carvone	150	C10H14O	002244-16-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111219\
Data File : BM023661.D
Acq On : 12 Nov 2019 13:03
Operator : JU
Sample : K5538-01DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6M1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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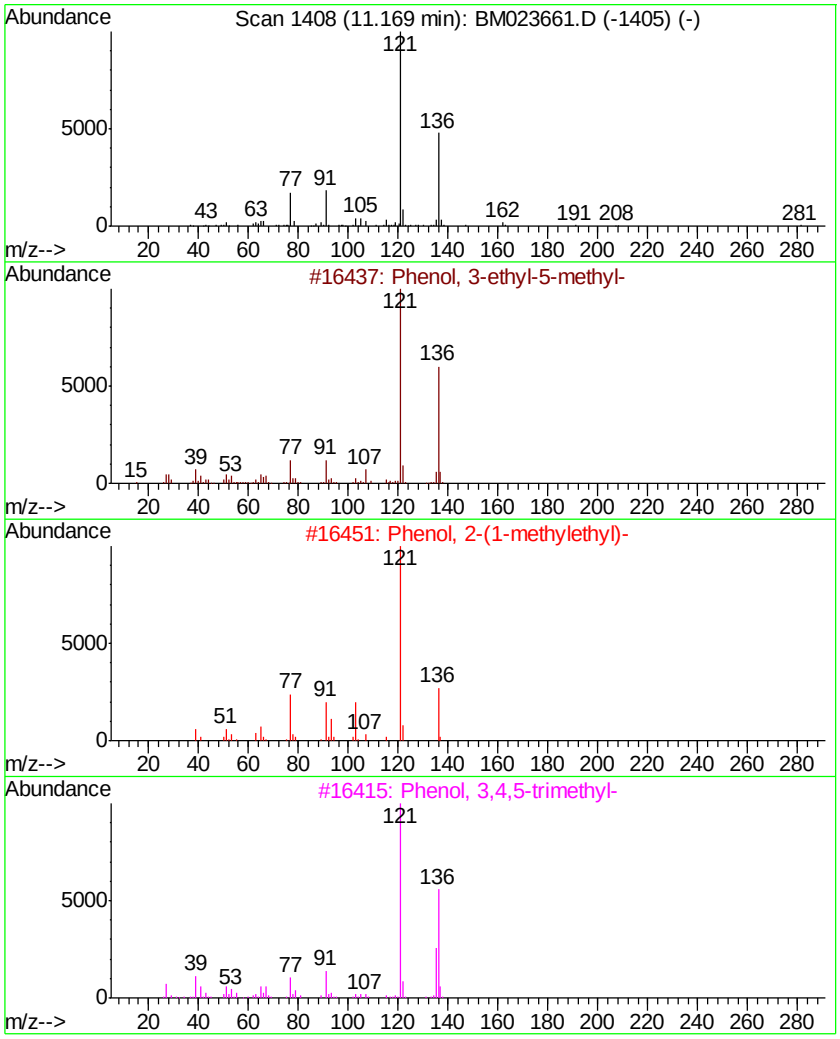
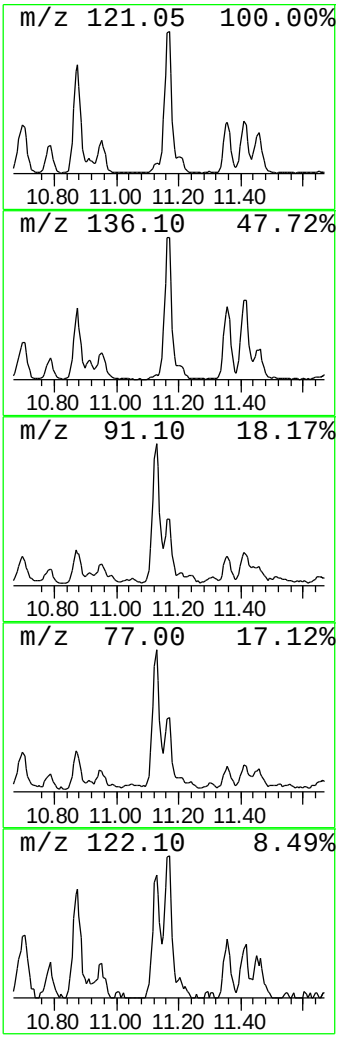
Peak Number 23 Phenol, 3-ethyl-5-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.17	2.70 ng/ul	517464	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	90
2	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	86
3	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	86
4	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	86
5	Phenol, 3,4,5-trimethyl-, methyl...	193	C11H15NO2	002686-99-9	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111219\
Data File : BM023661.D
Acq On : 12 Nov 2019 13:03
Operator : JU
Sample : K5538-01DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6M1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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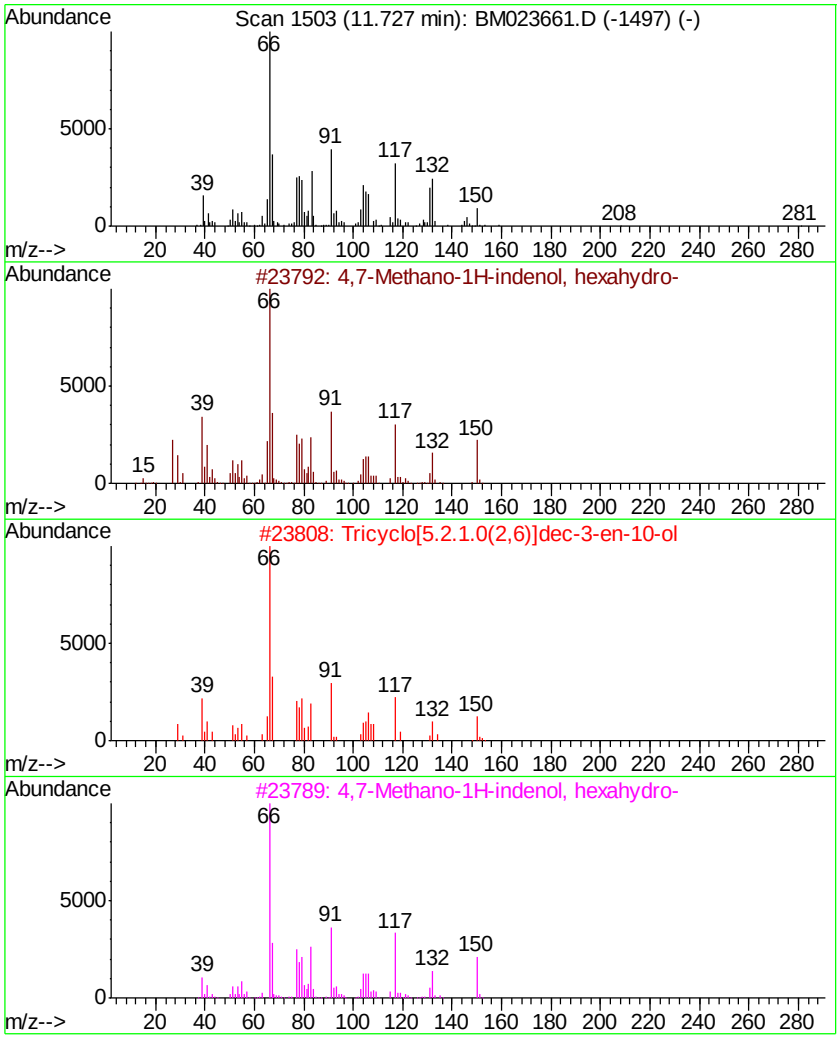
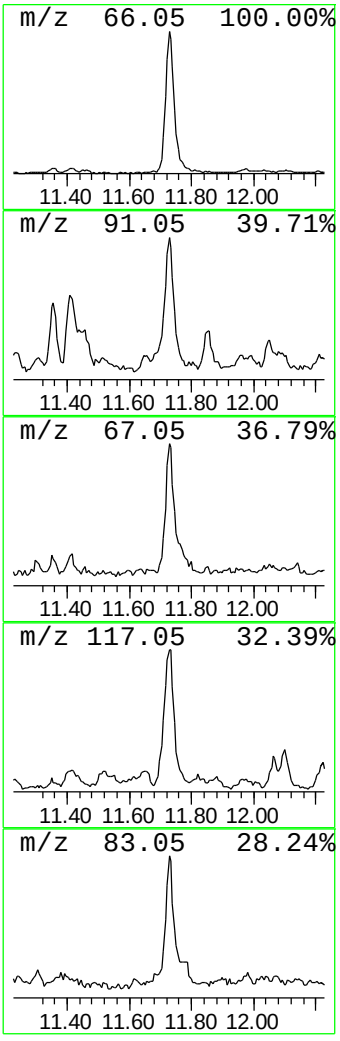
Peak Number 24 4,7-Methano-1H-indenol, hex... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	3.66 ng/ul	701682	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,7-Methano-1H-indenol, hexahydro-	150	C10H14O	037275-49-3	87
2	Tricyclo[5.2.1.0(2,6)]dec-3-en-1...	150	C10H14O	039852-87-4	87
3	4,7-Methano-1H-indenol, hexahydro-	150	C10H14O	037275-49-3	72
4	Bicyclo[3.2.0]hept-2-en-6-one	108	C7H8O	013173-09-6	53
5	3-Hexenedinitrile	106	C6H6N2	001119-85-3	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111219\
Data File : BM023661.D
Acq On : 12 Nov 2019 13:03
Operator : JU
Sample : K5538-01DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6M1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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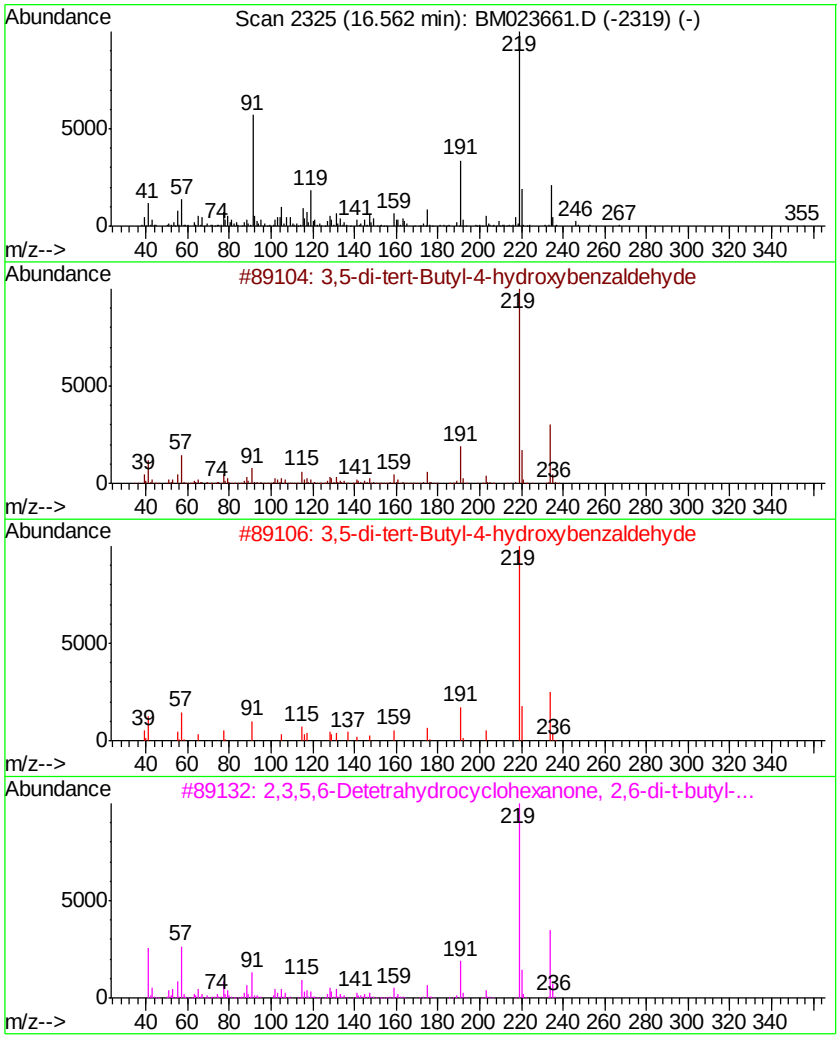
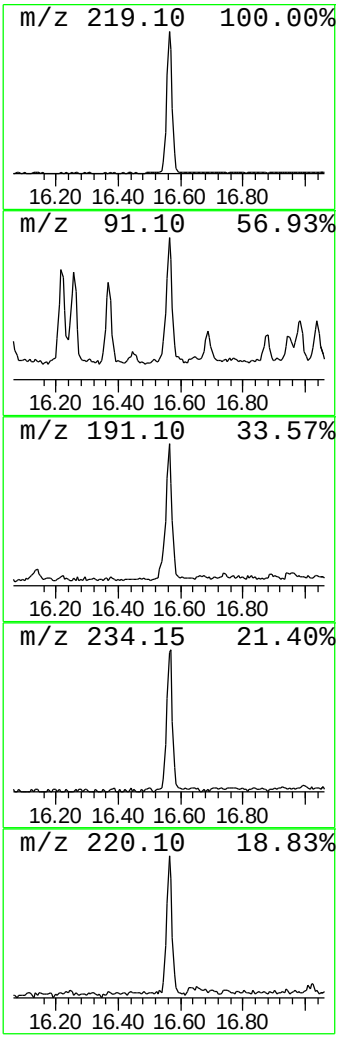
Peak Number 25 3,5-di-tert-Butyl-4-hydroxy... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.56	2.59 ng/ul	910008	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	97
2	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	94
3	2,3,5,6-Detetrahydrocyclohexanon...	234	C15H22O2	101100-38-3	93
4	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	93
5	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111219\
Data File : BM023661.D
Acq On : 12 Nov 2019 13:03
Operator : JU
Sample : K5538-01DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6M1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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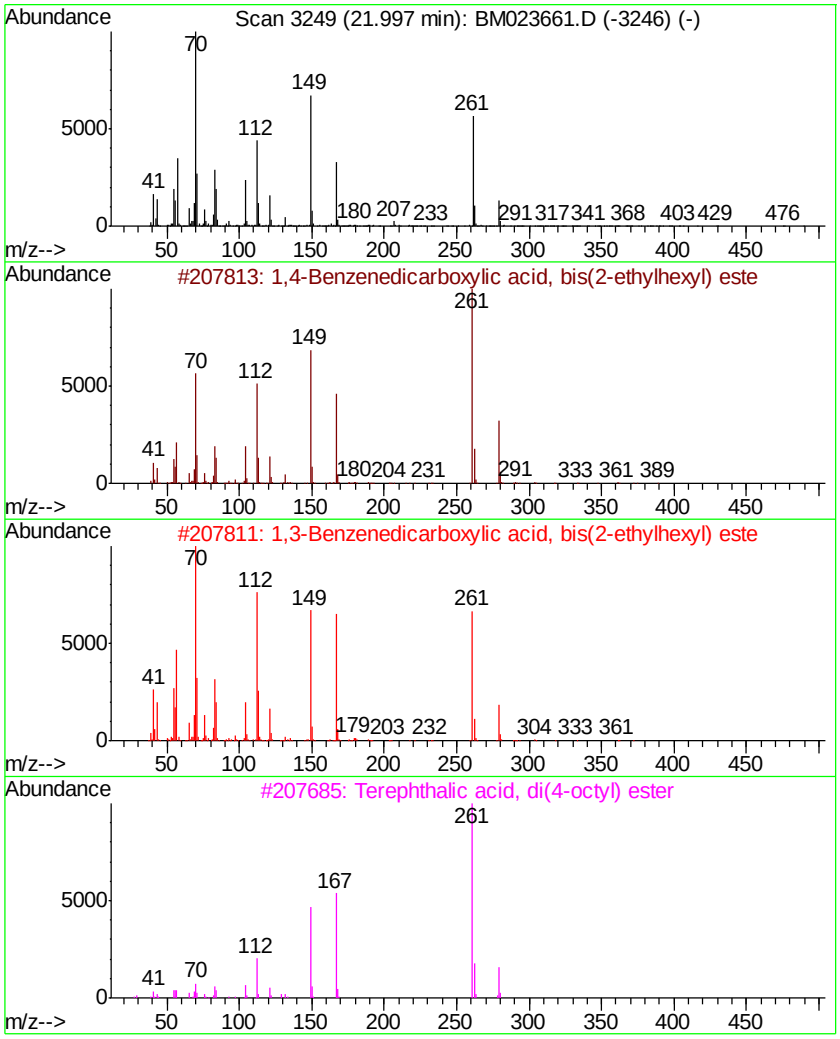
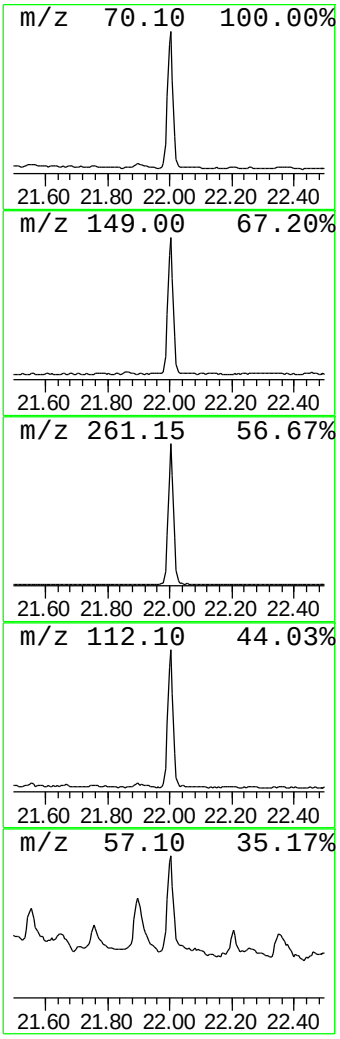
Peak Number 26 1,4-Benzenedicarboxylic aci... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.00	9.97 ng/ul	3467740	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	87
2	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	58
3	Terephthalic acid, di(4-octyl) e...	390	C24H38O4	1000323-74-2	58
4	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	49
5	Terephthalic acid, 3-methylbut-2...	348	C21H32O4	1000356-27-6	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111219\
Data File : BM023661.D
Acq On : 12 Nov 2019 13:03
Operator : JU
Sample : K5538-01DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6M1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1,3-dime...	5.22	7.7	ng/ul	911126	1	7.55	2362840	20.0
Benzene, 1-ethyl-...	6.65	3.5	ng/ul	407075	1	7.55	2362840	20.0
Benzene, 1-ethyl-...	6.70	3.3	ng/ul	386221	1	7.55	2362840	20.0
Benzene, 1,2,3-tr...	6.78	2.6	ng/ul	307301	1	7.55	2362840	20.0
Benzene, 1,2,4-tr...	7.20	11.0	ng/ul	1295300	1	7.55	2362840	20.0
Benzene, 1,4-diet...	8.18	5.6	ng/ul	664982	1	7.55	2362840	20.0
unknown-01	8.35	2.9	ng/ul	342469	1	7.55	2362840	20.0
unknown-02	8.79	3.6	ng/ul	424209	1	7.55	2362840	20.0
Phenol, 2,6-dimet...	8.96	2.5	ng/ul	476871	2	10.32	3833680	20.0
Phenol, 2-ethyl-	9.31	2.2	ng/ul	428751	2	10.32	3833680	20.0
Benzene, 1-methyl...	9.74	5.5	ng/ul	1062540	2	10.32	3833680	20.0
Phenol, 3,5-dimet...	9.82	28.2	ng/ul	5400530	2	10.32	3833680	20.0
Cyclohexanol, 5-m...	10.12	12.8	ng/ul	2454660	2	10.32	3833680	20.0
Phenol, 3,4-dimet...	10.20	6.4	ng/ul	1226530	2	10.32	3833680	20.0
unknown-03	10.62	2.7	ng/ul	517508	2	10.32	3833680	20.0
Phenol, 2-ethyl-6...	10.70	2.4	ng/ul	457553	2	10.32	3833680	20.0
Phenol, 3-(1-meth...	10.87	2.5	ng/ul	472465	2	10.32	3833680	20.0
(-)-Carvone	11.13	14.6	ng/ul	2799370	2	10.32	3833680	20.0
Phenol, 3-ethyl-5...	11.17	2.7	ng/ul	517464	2	10.32	3833680	20.0
4,7-Methano-1H-in...	11.73	3.7	ng/ul	701682	2	10.32	3833680	20.0
3,5-di-tert-Butyl...	16.56	2.6	ng/ul	910008	4	16.95	7023490	20.0
1,4-Benzenedicarb...	22.00	10.0	ng/ul	3467740	5	21.15	6956100	20.0