LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112017\
Data File : BM013070.D
Acq On : 21 Nov 2017 07:05
Operator : SJ/JU
Sample : I6405-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W1

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\SOM-EPA-BM111617.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.069	326	337	349	rBV	18412172	25800330	100.00%	8.853%
2	5.257	362	369	377	rVB	11554967	15793389	61.21%	5.419%
3	5.387	384	391	399	rBV	13703000	21094530	81.76%	7.238%
4	5.463	399	404	412	rVB2	539558	815446	3.16%	0.280%
5	5.746	446	452	461	rVV	5160603	7734804	29.98%	2.654%
6	6.222	522	533	538	rBV	3923971	6153879	23.85%	2.112%
7	6.398	552	563	567	rBV	1161877	1835842	7.12%	0.630%
8	6.704	606	615	628	rVB	1974709	3332045	12.91%	1.143%
9	6.810	628	633	637	rVV	386097	562878	2.18%	0.193%
10	6.893	643	647	651	rVV2	366507	669492	2.59%	0.230%
11	6.945	651	656	660	rVV2	683557	1140561	4.42%	0.391%
12	7.057	669	675	679	rVV	979216	1520500	5.89%	0.522%
13	7.110	679	684	688	rVV	1290330	2018765	7.82%	0.693%
14	7.257	702	709	716	rBV2	1601508	3780897	14.65%	1.297%
15	7.363	722	727	733	rBV	4599826	6921923	26.83%	2.375%
16	7.422	733	737	741	rVB2	558516	819327	3.18%	0.281%
17	7.598	760	767	777	rVB5	362646	890122	3.45%	0.305%
18	7.716	777	787	790	rBV	1040174	2024161	7.85%	0.695%
19	7.751	790	793	798	rVV	572764	819629	3.18%	0.281%
20	7.828	798	806	816	rVV	2225483	3729989	14.46%	1.280%
21	7.916	816	821	827	rVB	907227	1322420	5.13%	0.454%
22	8.081	842	849	855	rBV2	979901	1709256	6.62%	0.587%
23	8.140	855	859	864	rVB	606899	894836	3.47%	0.307%
24	8.204	864	870	875	rBV	1249166	1844218	7.15%	0.633%
25	8.257	875	879	886	rBV	406801	609721	2.36%	0.209%
26	8.345	886	894	901	rBV4	954364	2128210	8.25%	0.730%
27	8.422	901	907	916	rVB	895590	1531350	5.94%	0.525%
28	8.810	965	973	978	rBV	856578	1353533	5.25%	0.464%
29	8.869	978	983	987	rVV	1292203	2279792	8.84%	0.782%
30	8.945	991	996	1004	rVB3	1057430	1965478	7.62%	0.674%
31	9.028	1005	1010	1016	rBV	1316403	1962145	7.61%	0.673%
32	9.334	1056	1062	1067	rVB	600200	963688	3.74%	0.331%
33	9.392	1067	1072	1078	rBV	455546	748355	2.90%	0.257%
34	9.498	1084	1090	1097	rVV2	529777	794145	3.08%	0.273%

LSC Area Percent Report

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Acq On : 21 Nov 2017 07:05
Operator : SJ/JU
Sample : I6405-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W1

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\SOM-EPA-BM111617.M
Title : SVOA CALIBRATION

35	9.581	1097	1104	1115	rVB4	1201929	2346174	9.09%	0.805%
36	9.745	1127	1132	1137	rBV2	494867	861574	3.34%	0.296%
37	9.869	1148	1153	1156	rBV	755026	1322864	5.13%	0.454%
38	9.916	1156	1161	1169	rVV3	1628523	3346489	12.97%	1.148%
39	9.992	1169	1174	1179	rVV	769835	1191513	4.62%	0.409%
40	10.122	1188	1196	1204	rBV	1702763	2998661	11.62%	1.029%
41	10.233	1212	1215	1219	rVV4	319104	581252	2.25%	0.199%
42	10.498	1253	1260	1264	rBV	1301576	2238928	8.68%	0.768%
43	10.545	1264	1268	1277	rVB	1333552	2260325	8.76%	0.776%
44	10.663	1282	1288	1293	rVV6	337528	744001	2.88%	0.255%
45	10.857	1317	1321	1325	rBV4	348751	672863	2.61%	0.231%
46	10.904	1325	1329	1335	rVB2	561521	1031896	4.00%	0.354%
47	11.086	1355	1360	1369	rVB3	367345	713480	2.77%	0.245%
48	11.186	1370	1377	1382	rBV	1048235	1810112	7.02%	0.621%
49	11.516	1423	1433	1438	rBV6	272234	800794	3.10%	0.275%
50	11.710	1460	1466	1471	rVV5	302691	580757	2.25%	0.199%
51	11.857	1480	1491	1497	rBV	5067502	9337034	36.19%	3.204%
52	12.327	1565	1571	1577	rVV5	335459	760408	2.95%	0.261%
53	12.492	1590	1599	1604	rVB3	250090	568918	2.21%	0.195%
54	12.610	1614	1619	1627	rVB2	580073	1037420	4.02%	0.356%
55	12.751	1637	1643	1652	rVB3	569590	1079614	4.18%	0.370%
56	12.845	1652	1659	1663	rBV4	569227	1271002	4.93%	0.436%
57	12.898	1663	1668	1672	rVV	1613855	2387977	9.26%	0.819%
58	13.122	1694	1706	1709	rBV2	314891	765321	2.97%	0.263%
59	13.274	1724	1732	1737	rBV3	321903	732519	2.84%	0.251%
60	13.410	1749	1755	1763	rVB	1178437	1802613	6.99%	0.619%
61	13.492	1763	1769	1774	rBV5	290278	652711	2.53%	0.224%
62	13.769	1811	1816	1824	rBV	3012956	4700688	18.22%	1.613%
63	13.910	1826	1840	1847	rVV2	5296393	15041143	58.30%	5.161%
64	14.004	1852	1856	1858	rVV3	439028	783171	3.04%	0.269%
65	14.045	1858	1863	1870	rVV	3208514	4740087	18.37%	1.627%
66	14.139	1874	1879	1883	rVV	383345	592824	2.30%	0.203%
67	14.351	1909	1915	1919	rBV2	2130644	3372614	13.07%	1.157%
68	14.392	1919	1922	1930	rVB	1961394	3046504	11.81%	1.045%
69	14.751	1980	1983	1989	rVV4	383928	705404	2.73%	0.242%
70	14.968	2016	2020	2025	rBV	454892	649770	2.52%	0.223%
71	15.263	2065	2070	2074	rVV2	482321	684860	2.65%	0.235%

LSC Area Percent Report

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Data File : BM013070.D
Acq On : 21 Nov 2017 07:05
Operator : SJ/JU
Sample : I6405-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W1

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\SOM-EPA-BM111617.M
Title : SVOA CALIBRATION

72	15.351	2079	2085	2093	rVB2	4099609	7806276	30.26%	2.679%
73	15.468	2097	2105	2109	rBV3	1076086	1826355	7.08%	0.627%
74	15.621	2124	2131	2135	rVB	5376641	7200314	27.91%	2.471%
75	15.786	2154	2159	2167	rBV	663219	1106743	4.29%	0.380%
76	15.868	2168	2173	2183	rVB	1231246	2080090	8.06%	0.714%
77	16.063	2198	2206	2210	rVV2	1018281	1985013	7.69%	0.681%
78	16.115	2210	2215	2221	rVB	342147	656132	2.54%	0.225%
79	16.415	2257	2266	2275	rBV	4869992	6793359	26.33%	2.331%
80	16.574	2289	2293	2298	rBV	698041	921943	3.57%	0.316%
81	16.839	2333	2338	2347	rVB3	804075	1716925	6.65%	0.589%
82	17.074	2372	2378	2381	rBV	9713269	13586866	52.66%	4.662%
83	17.198	2393	2399	2405	rVV	3937294	5436698	21.07%	1.866%
84	17.274	2406	2412	2420	rVV4	652323	1177082	4.56%	0.404%
85	17.792	2496	2500	2505	rVV	574940	796823	3.09%	0.273%
86	18.068	2542	2547	2552	rVB	604295	930709	3.61%	0.319%
87	18.145	2555	2560	2568	rVB	1256693	1787396	6.93%	0.613%
88	18.245	2571	2577	2580	rVV2	1250671	2117286	8.21%	0.727%
89	18.298	2580	2586	2591	rVV	1538498	3132318	12.14%	1.075%
90	19.004	2703	2706	2712	rVB2	668848	870281	3.37%	0.299%
91	19.221	2739	2743	2749	rVB3	594136	858139	3.33%	0.294%
92	19.492	2784	2789	2795	rBV	3944700	5493272	21.29%	1.885%
93	19.556	2795	2800	2807	rVV	2171243	2951749	11.44%	1.013%
94	20.003	2872	2876	2878	rBV3	607676	840417	3.26%	0.288%
95	20.539	2963	2967	2971	rBV	496166	575781	2.23%	0.198%
96	21.203	3076	3080	3084	rBV	618571	737763	2.86%	0.253%
97	21.280	3089	3093	3099	rBV	2307726	2949233	11.43%	1.012%
98	21.409	3111	3115	3121	rBV	1265765	1653355	6.41%	0.567%
99	23.374	3442	3449	3455	rBV	2815776	4904333	19.01%	1.683%
100	23.515	3466	3473	3480	rVB	1411695	2749291	10.66%	0.943%

Sum of corrected areas: 291421883

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112017\
Data File : BM013070.D
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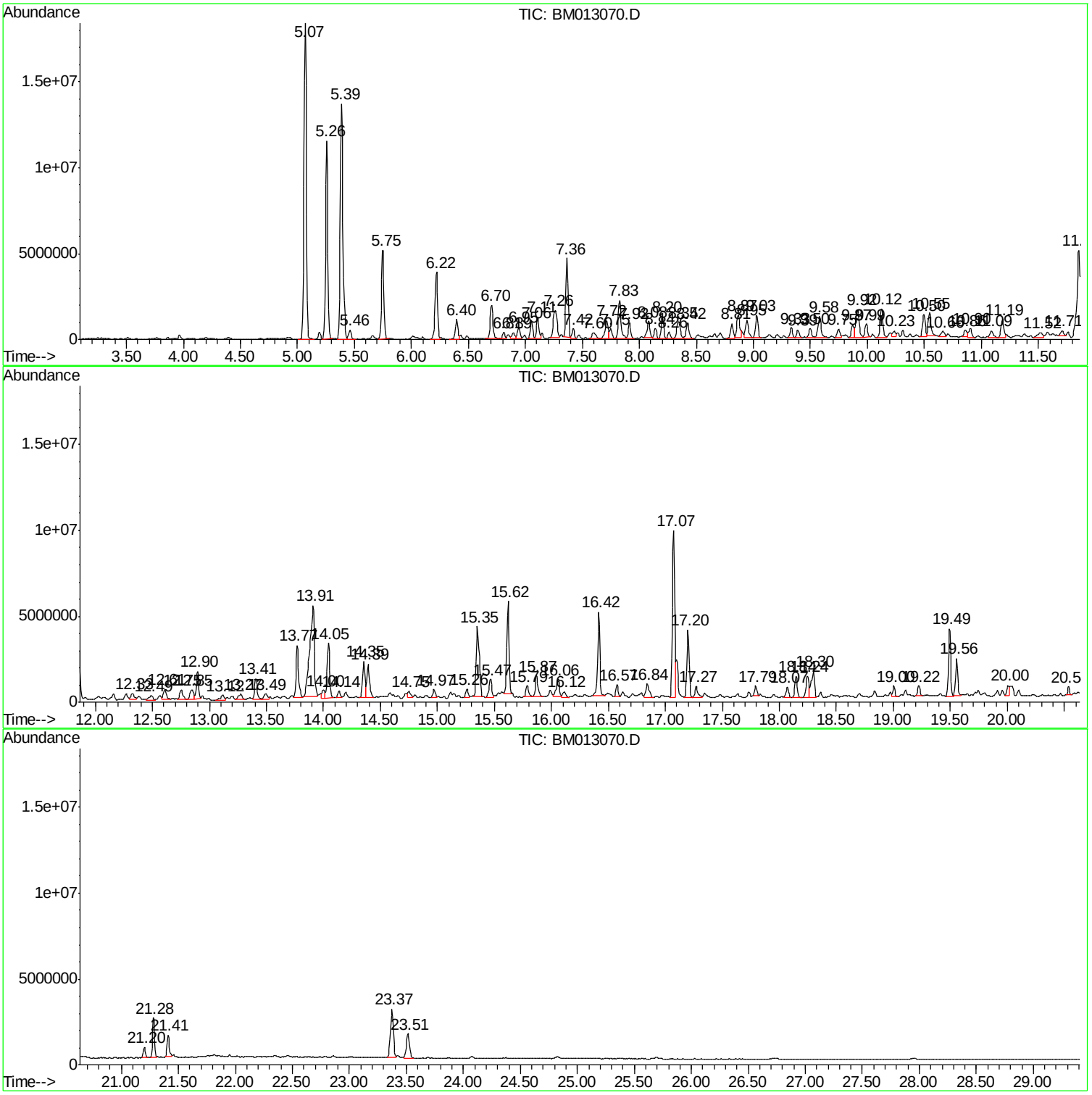
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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



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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

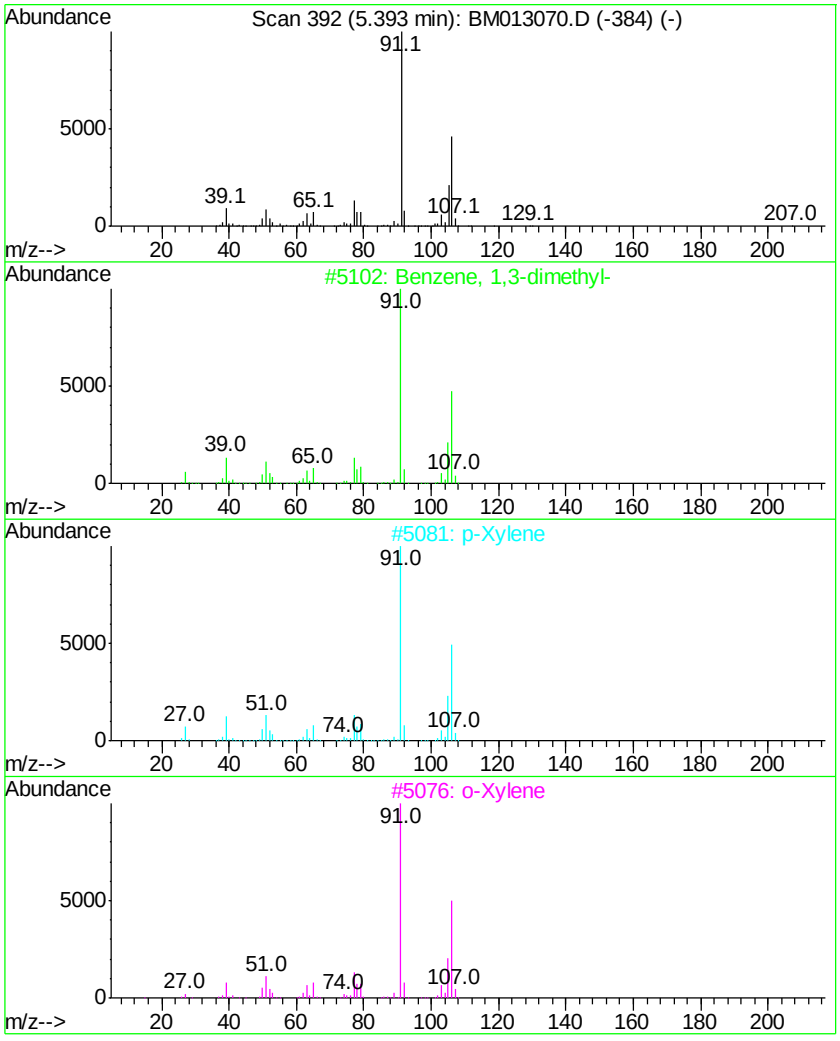
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

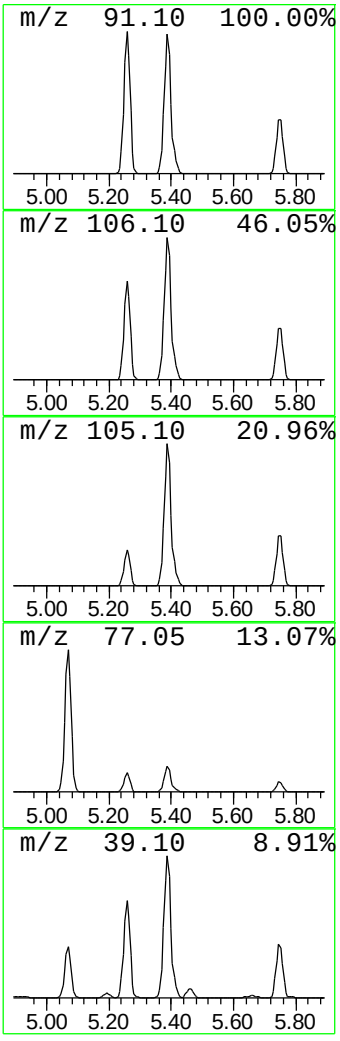
****

Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.39	208.43 ng/ul	21094500	1,4-Dichlorobenzene-d4	7.72

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	97
3	o-Xylene	106	C8H10	000095-47-6	97
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
5	p-Xylene	106	C8H10	000106-42-3	95





Data Path : Z:\HPCHEM1\BNA M\DATA\BM112017\
Data File : BM013070.D
Acq On : 21 Nov 2017 07:05
Operator : SJ/JU
Sample : I6405-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

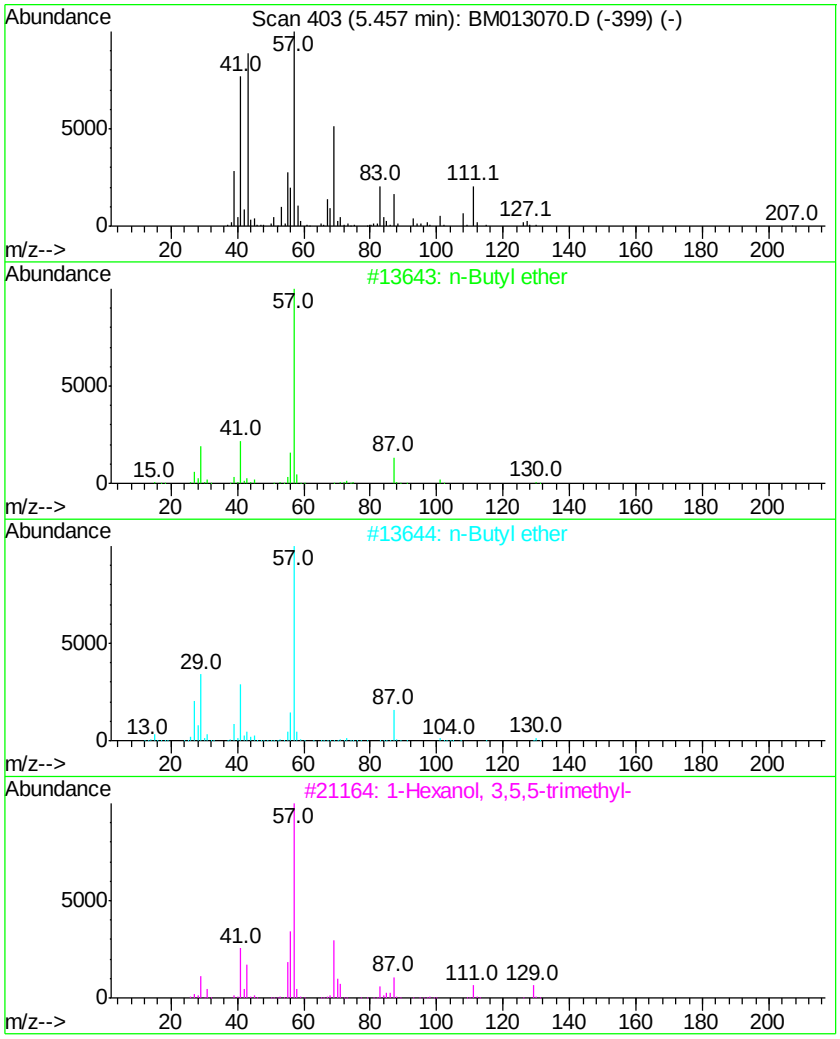
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

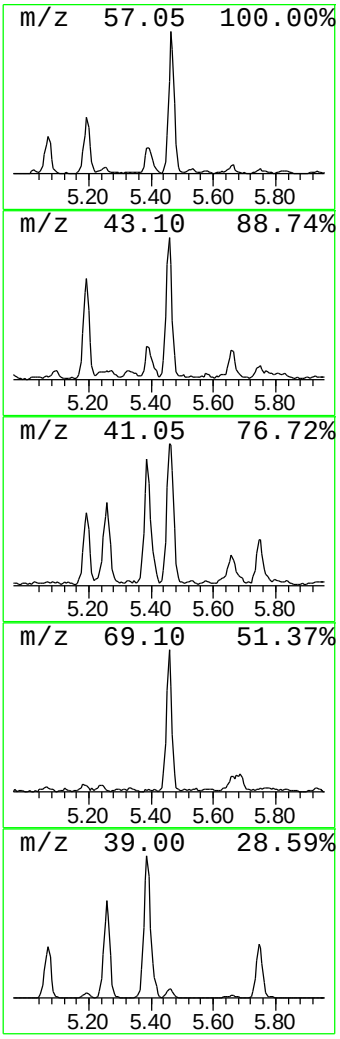
****

Peak Number 4 unknown-01 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.46	8.06 ng/ul	815446	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Butyl ether	130	C8H18O	000142-96-1	43
2	n-Butyl ether	130	C8H18O	000142-96-1	38
3	1-Hexanol, 3,5,5-trimethyl-	144	C9H20O	003452-97-9	33
4	Pentane, 1-butoxy-	144	C9H20O	018636-66-3	33
5	Pentane, 1-butoxy-	144	C9H20O	018636-66-3	25





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Data File : BM013070.D
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Operator : SJ/JU
Sample : I6405-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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

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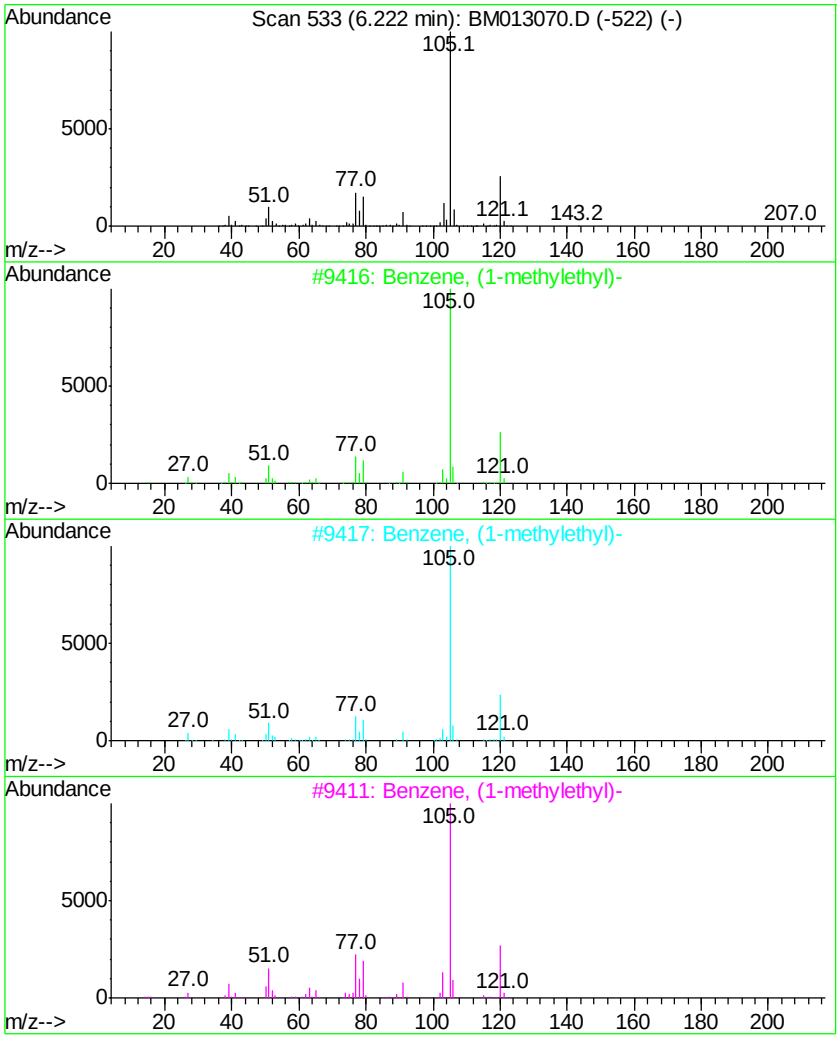
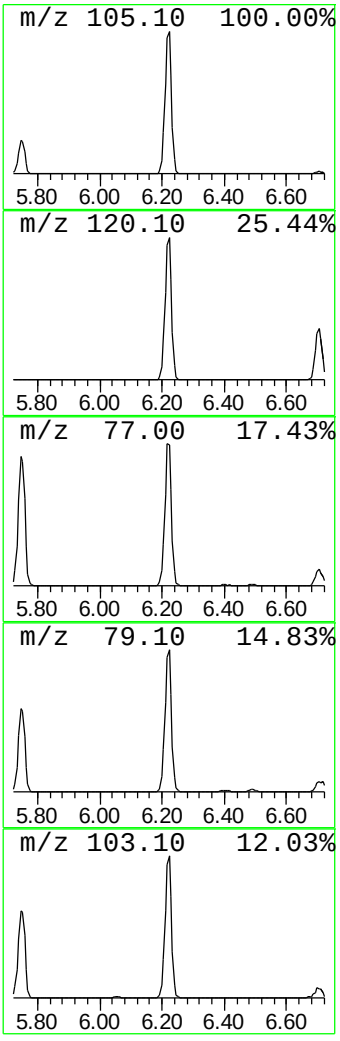
Peak Number 6 Benzene, (1-methylethyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.22	60.80 ng/ul	6153880	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
3	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	90





Data Path : Z:\HPCHEM1\BNA M\DATA\BM112017\
Data File : BM013070.D
Acq On : 21 Nov 2017 07:05
Operator : SJ/JU
Sample : I6405-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

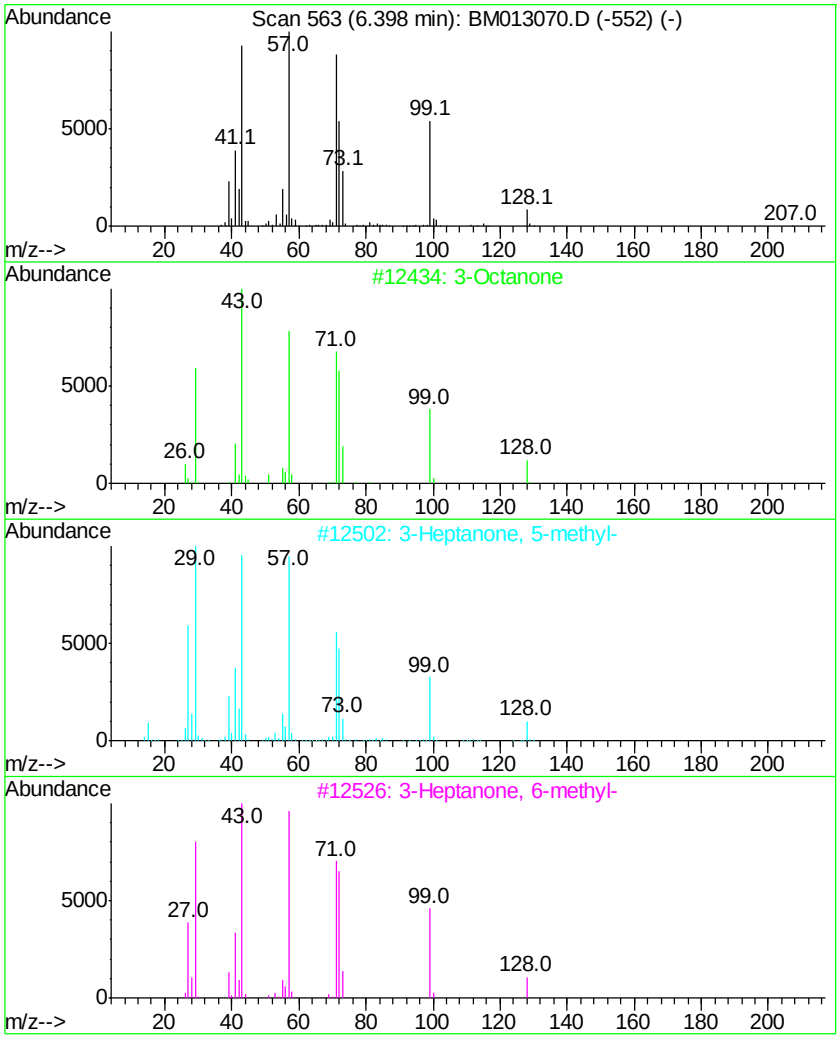
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

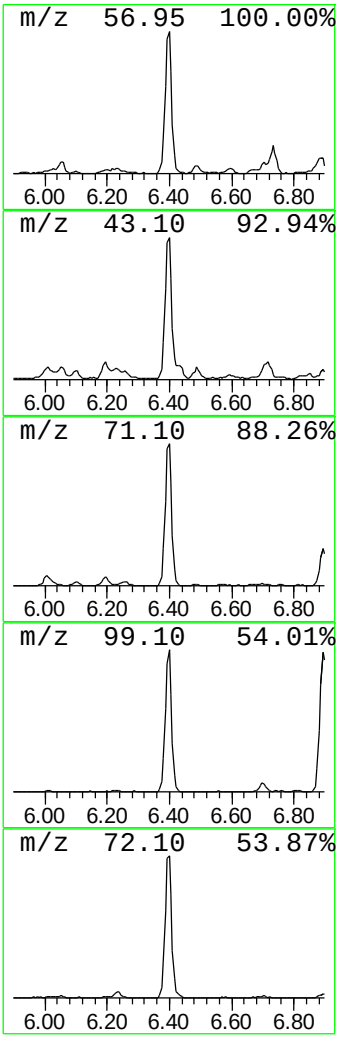
****

Peak Number 7 3-Octanone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	18.14 ng/ul	1835840	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanone	128	C8H16O	000106-68-3	53
2	3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	52
3	3-Heptanone, 6-methyl-	128	C8H16O	000624-42-0	52
4	Hexanoic acid, 1,1-dimethylpropy...	186	C11H22O2	116423-69-9	50
5	3-Octanone	128	C8H16O	000106-68-3	49





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112017\
Data File : BM013070.D
Acq On : 21 Nov 2017 07:05
Operator : SJ/JU
Sample : I6405-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

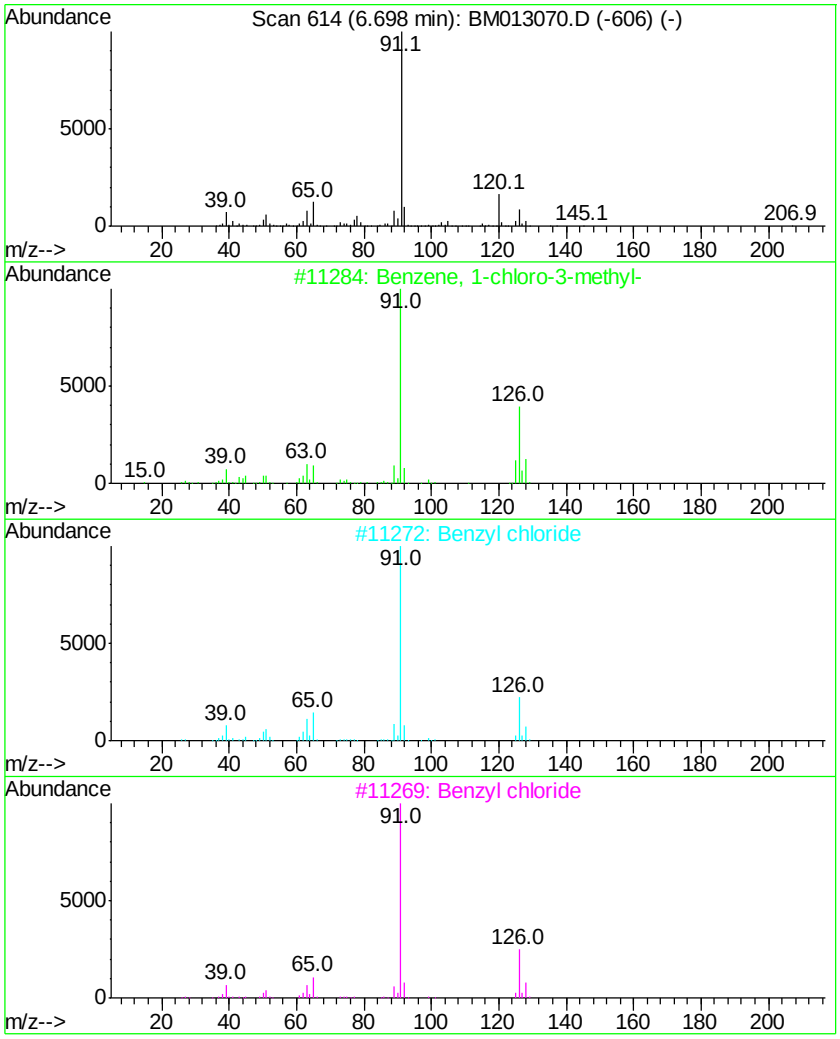
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

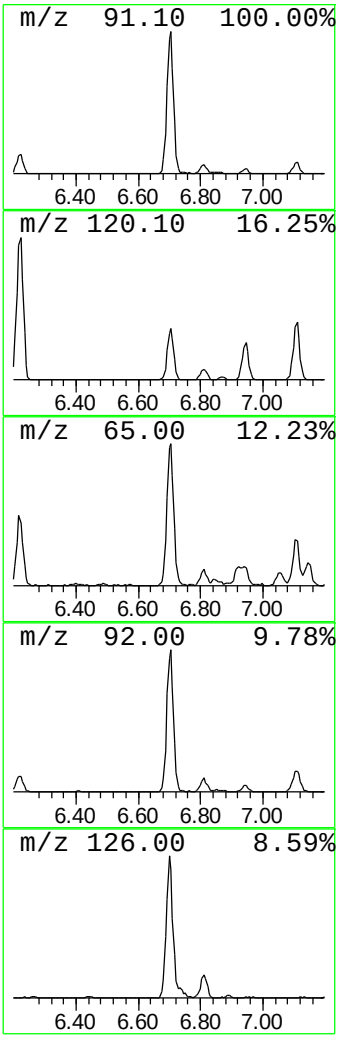
****

Peak Number 8 Benzene, 1-chloro-3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	32.92 ng/ul	3332050	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-3-methyl-	126	C7H7Cl	000108-41-8	83
2	Benzyl chloride	126	C7H7Cl	000100-44-7	81
3	Benzyl chloride	126	C7H7Cl	000100-44-7	81
4	1,2-Ethanediamine, N-(phenylmeth...	150	C9H14N2	004152-09-4	64
5	Benzene, propyl-	120	C9H12	000103-65-1	62





Library Search Compound Report

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Data File : BM013070.D
Acq On : 21 Nov 2017 07:05
Operator : SJ/JU
Sample : I6405-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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

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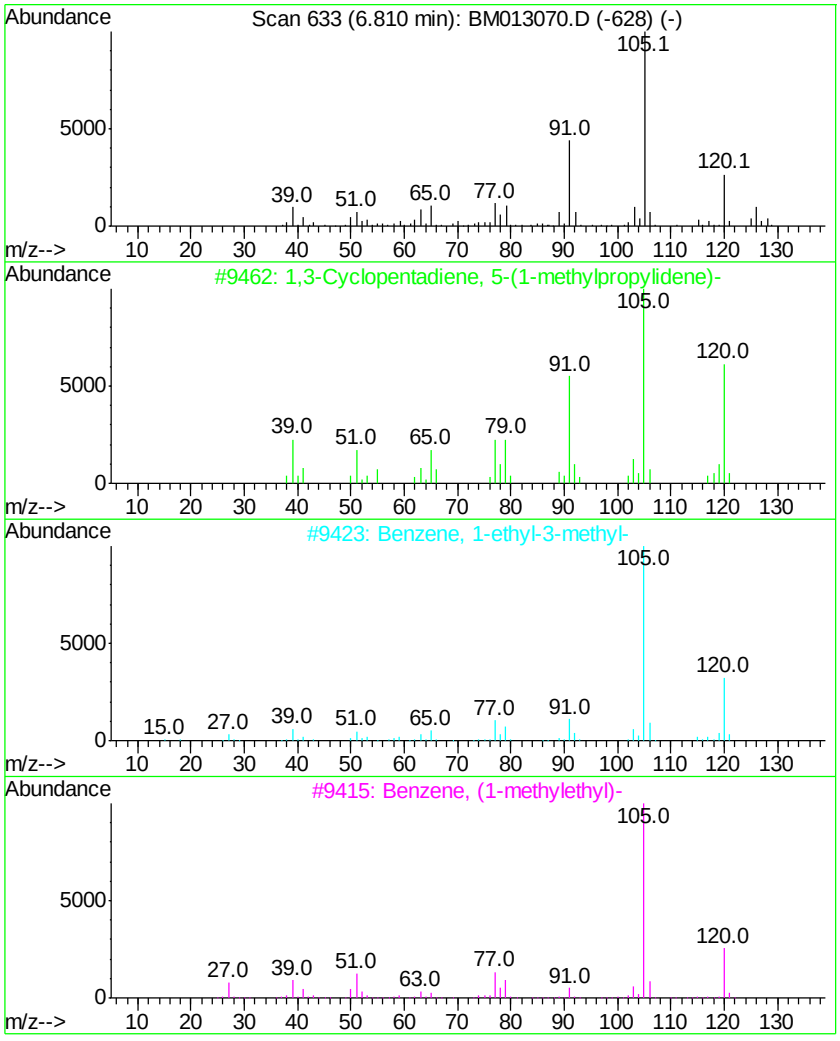
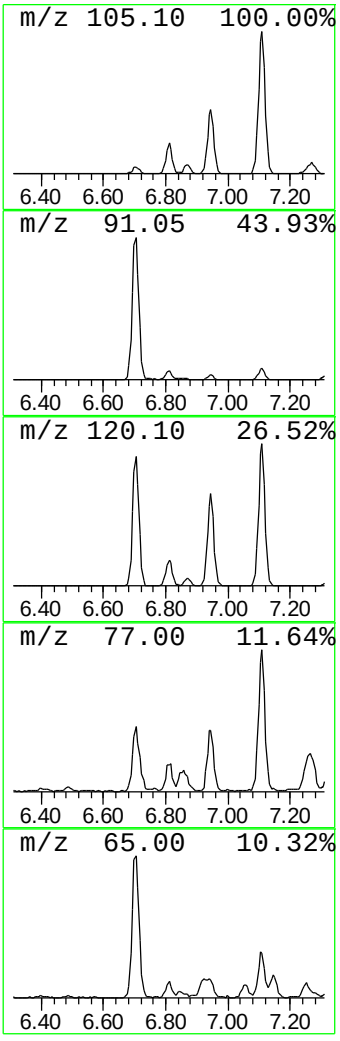
Peak Number 9 1,3-Cyclopentadiene, 5-(1-m... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.81	5.56 ng/ul	562878	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentadiene, 5-(1-methyl...	120	C9H12	003141-02-4	76
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	68
3	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	64
4	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	64
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	62





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Sample : I6405-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W1

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Quant Title : SVOA CALIBRATION

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

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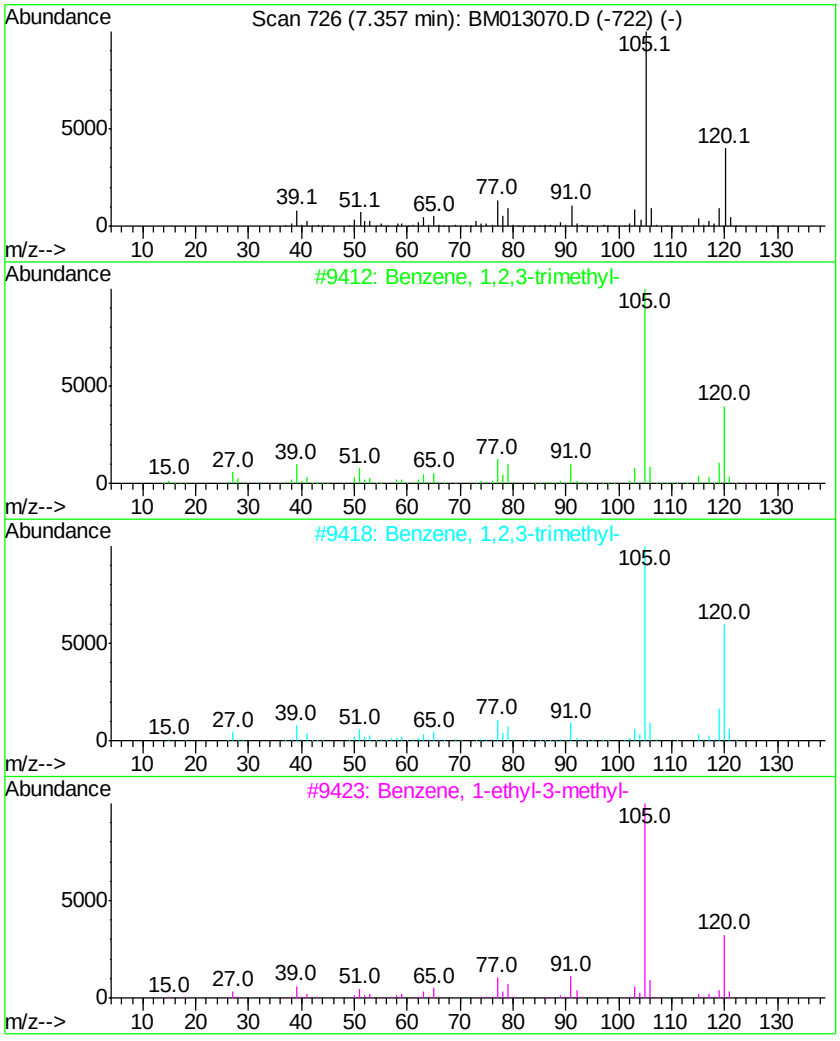
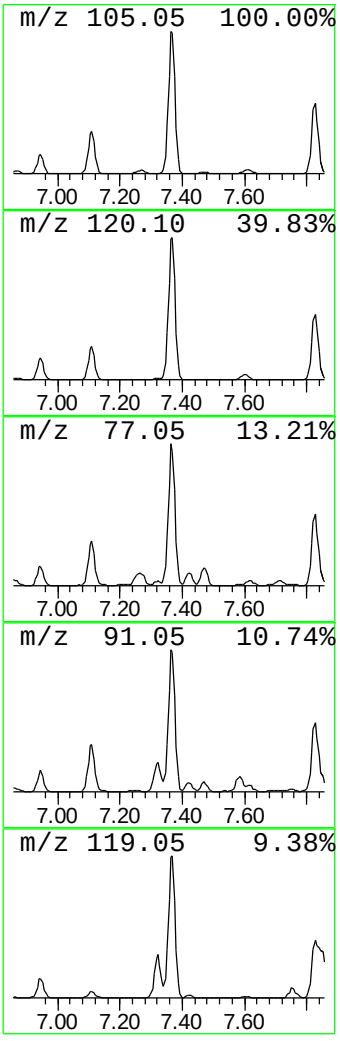
Peak Number 10 Benzene, 1,2,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.36	68.39 ng/ul	6921920	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





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Sample : I6405-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W1

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Quant Title : SVOA CALIBRATION

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

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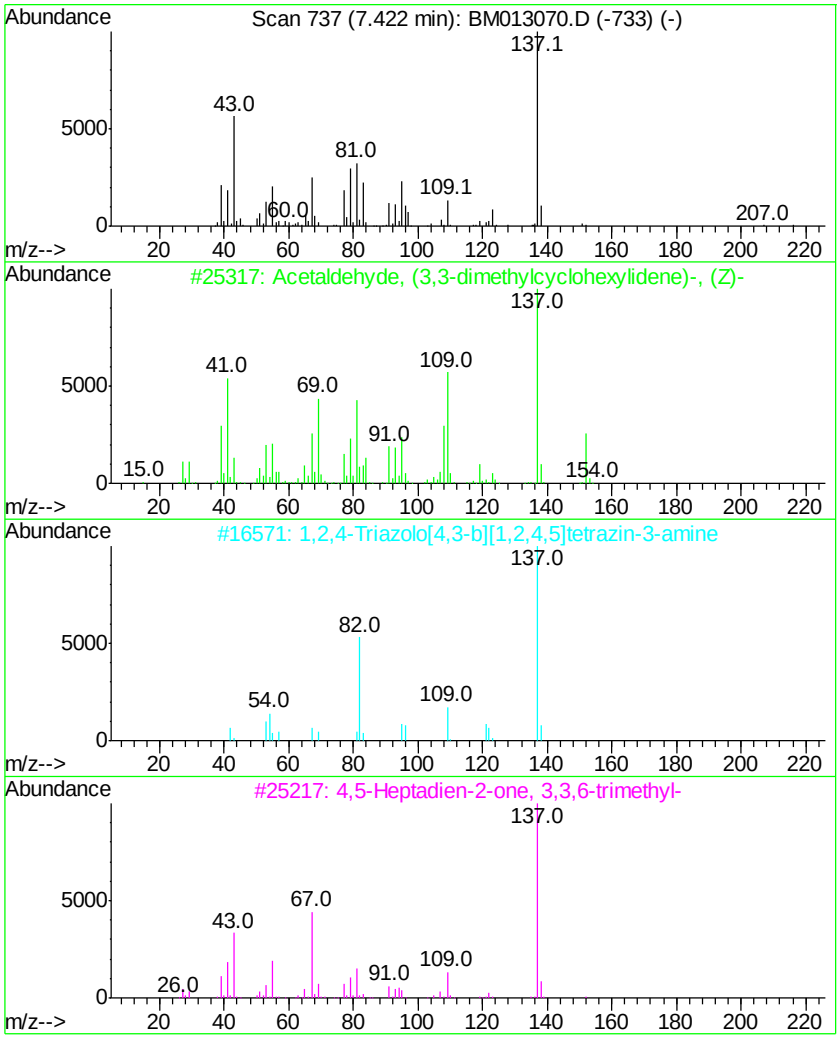
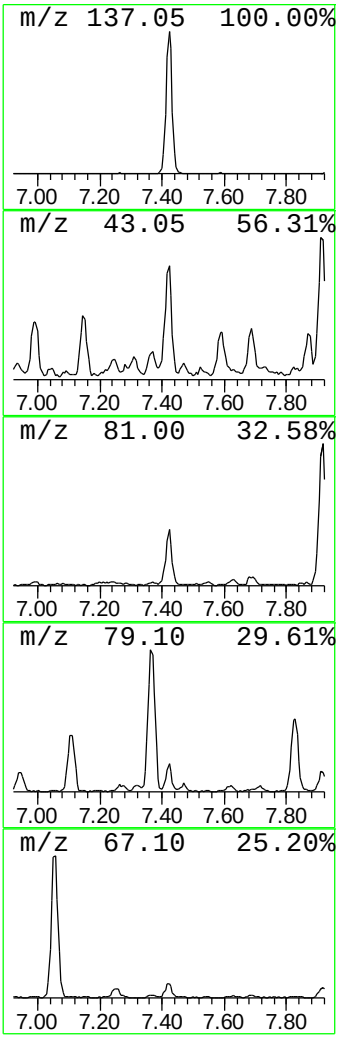
Peak Number 11 Acetaldehyde, (3,3-dimethyl... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	8.10 ng/ul	819327	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde, (3,3-dimethylcyclo...	152	C10H16O	026532-24-1	50
2	1,2,4-Triazolo[4,3-b][1,2,4,5]te...	137	C3H3N7	220696-99-1	47
3	4,5-Heptadien-2-one, 3,3,6-trime...	152	C10H16O	081250-41-1	43
4	4-Pyridinol, acetate (ester)	137	C7H7NO2	014210-20-9	40
5	3,5-Octadiene, 2,2,4,5,7,7-hexam...	194	C14H26	055712-52-2	40





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Operator : SJ/JU
Sample : I6405-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W1

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Quant Title : SVOA CALIBRATION

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

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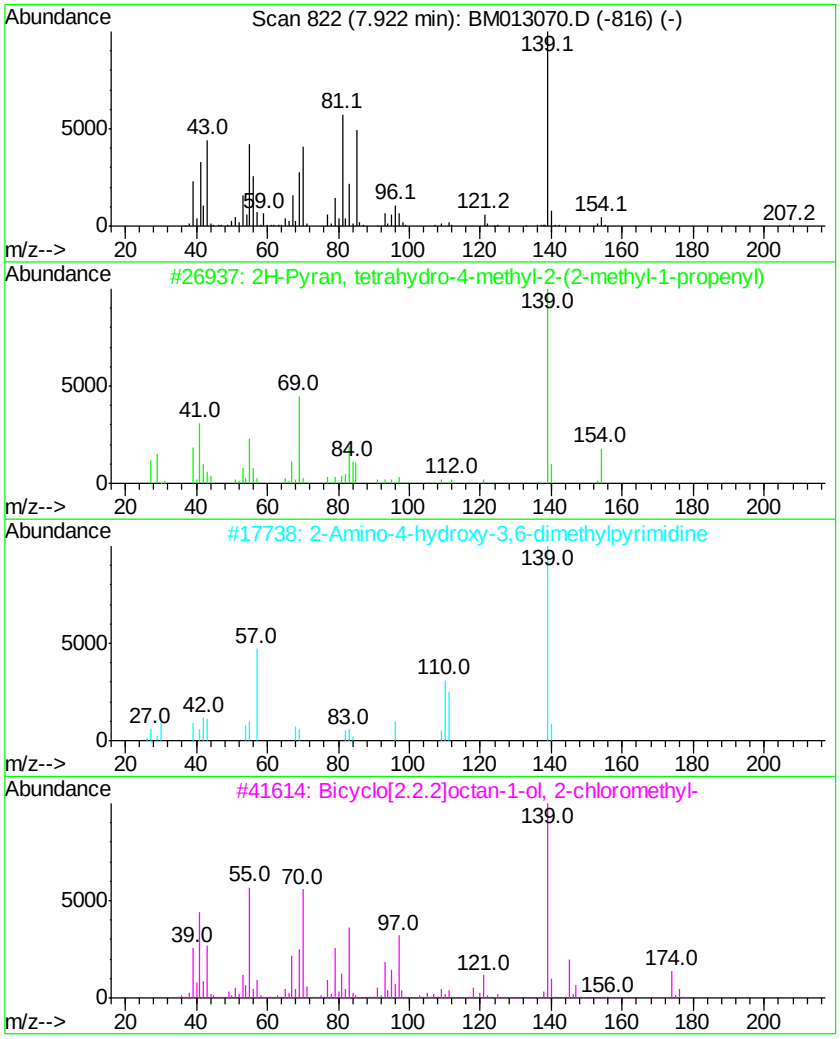
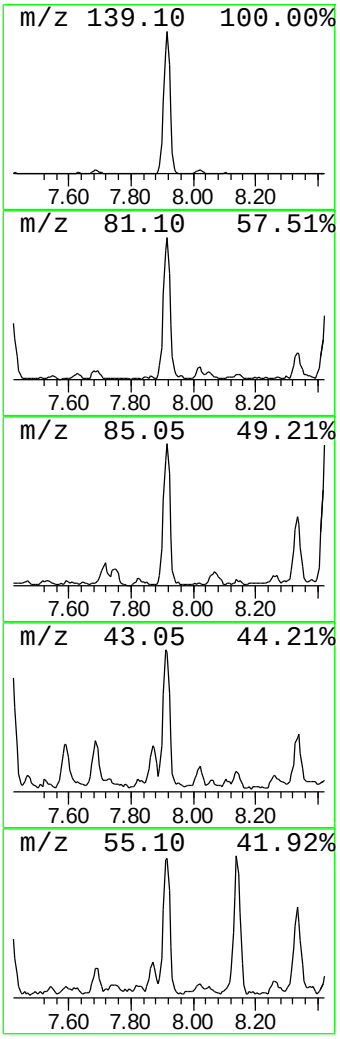
Peak Number 14 unknown-02 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	13.07 ng/ul	1322420	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, tetrahydro-4-methyl-2-...	154	C10H18O	016409-43-1	32
2	2-Amino-4-hydroxy-3,6-dimethylpy...	139	C6H9N3O	033796-41-7	30
3	Bicyclo[2.2.2]octan-1-ol, 2-chlo...	174	C9H15ClO	274689-99-5	28
4	Pyrithyldione	167	C9H13NO2	000077-04-3	25
5	4-Fluoro-.alpha.-methylbenzyl al...	154	C9H11FO	1000365-11-0	17





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Sample : I6405-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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

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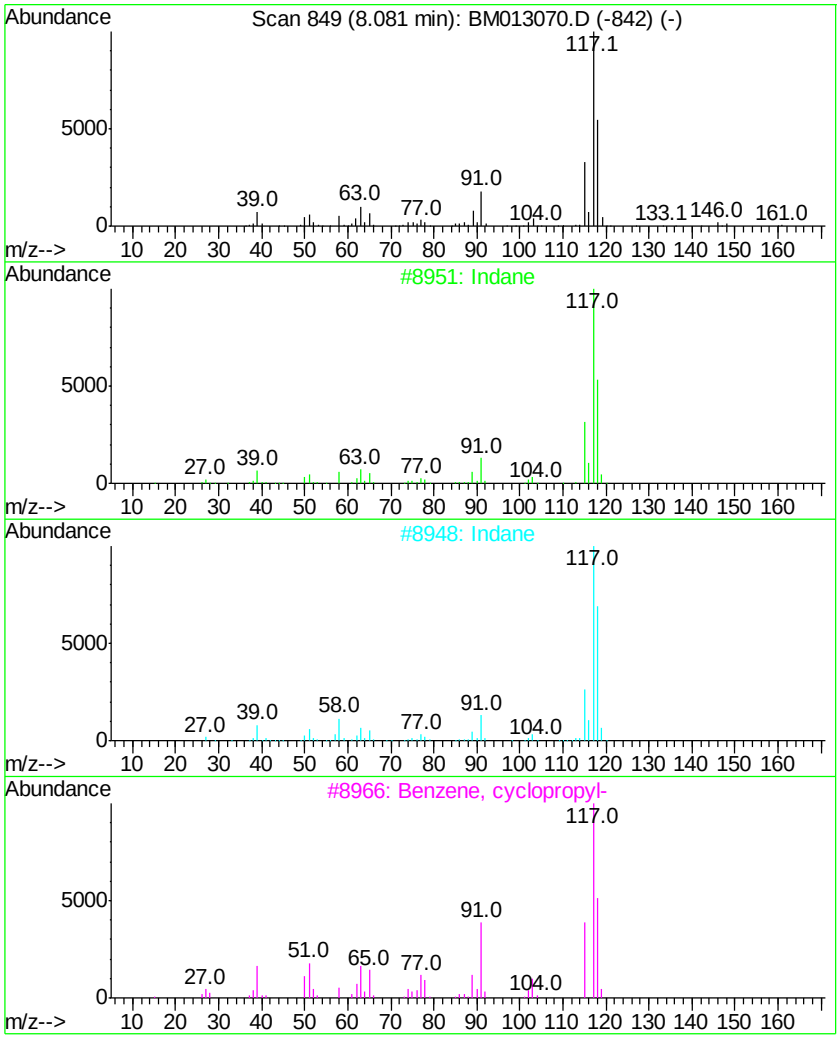
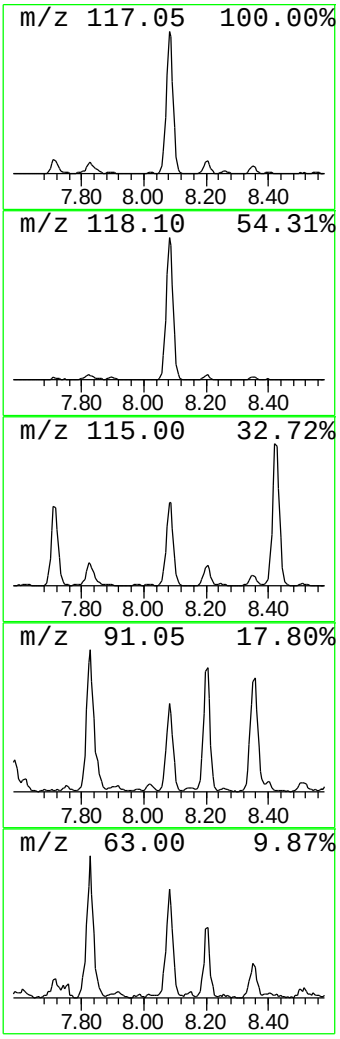
Peak Number 15 Indane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.08	16.89 ng/ul	1709260	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Indane	118	C9H10	000496-11-7	74
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64





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Instrument : BNA_M
ClientSampleId : BE2W1

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Quant Title : SVOA CALIBRATION

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

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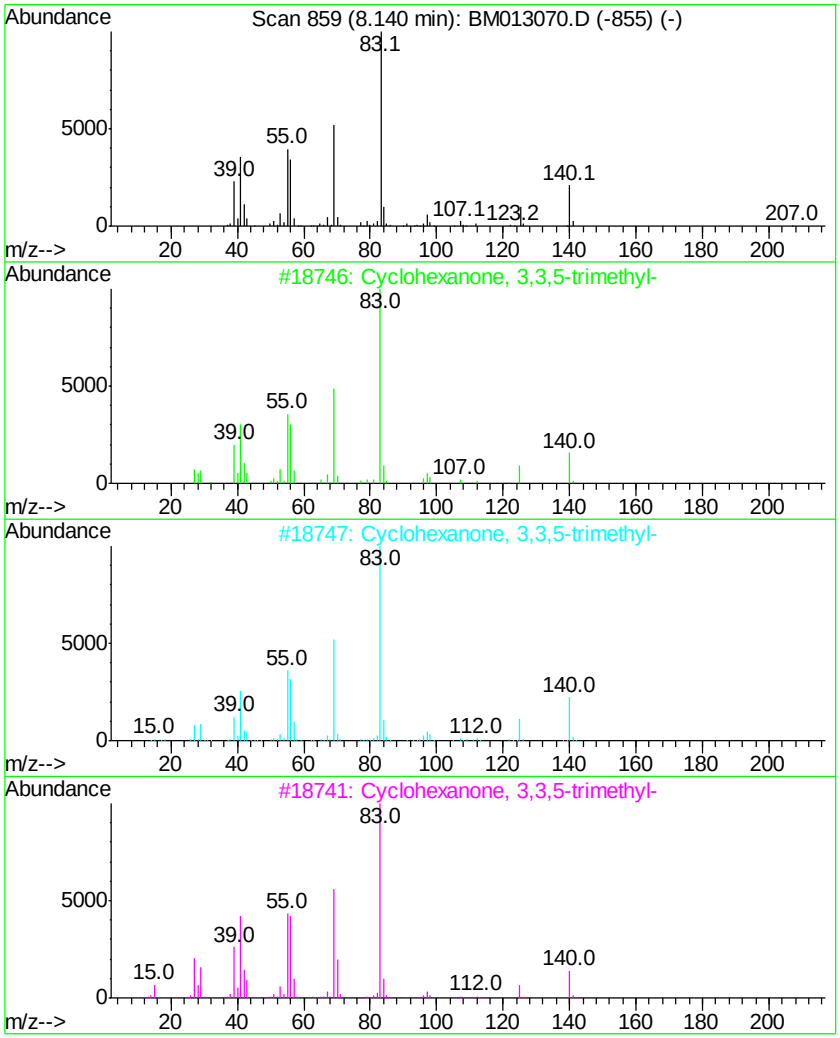
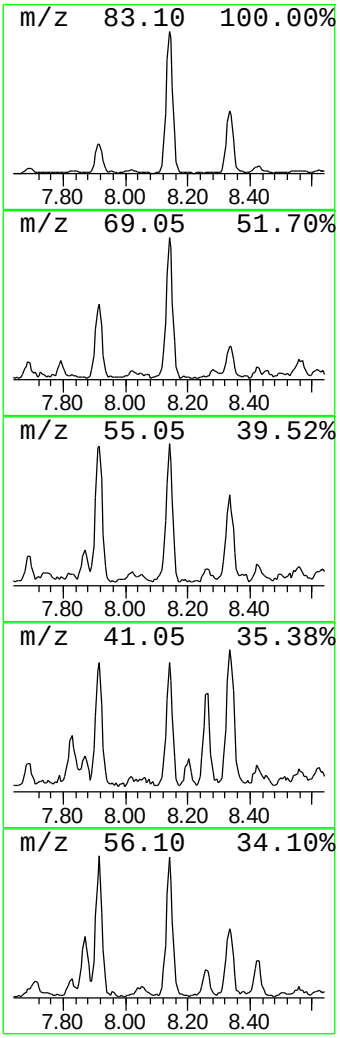
Peak Number 16 Cyclohexanone, 3,3,5-trimet... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	8.84 ng/ul	894836	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	94
2	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	91
3	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	91
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	59
5	2,4,6-Trimethyl-3-heptene	140	C10H20	1000113-56-9	53





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Sample : I6405-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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

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Peak Number 17 Benzene, 1,2-diethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	18.22 ng/ul	1844220	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
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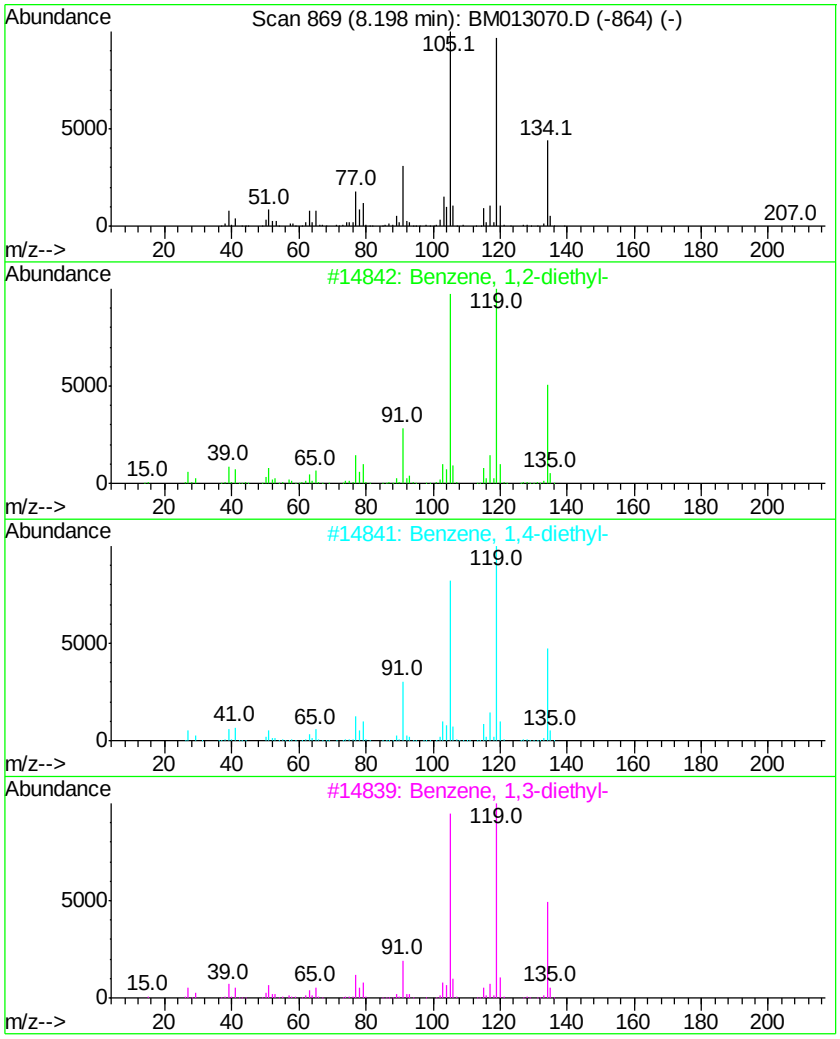

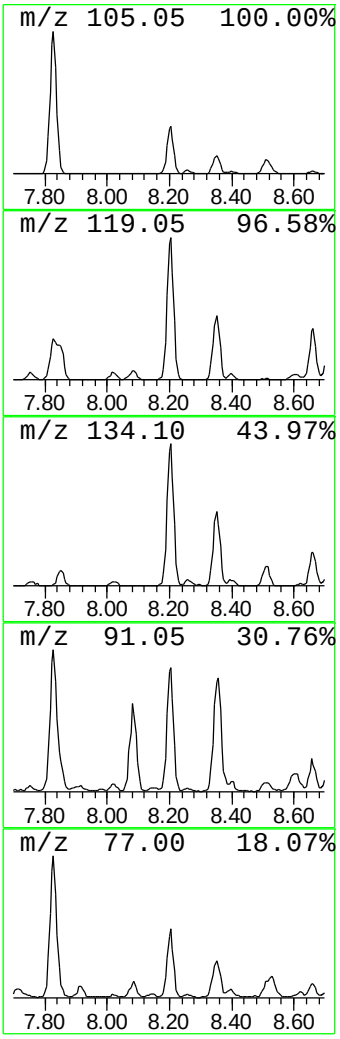

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Sample : I6405-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W1

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Quant Title : SVOA CALIBRATION

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

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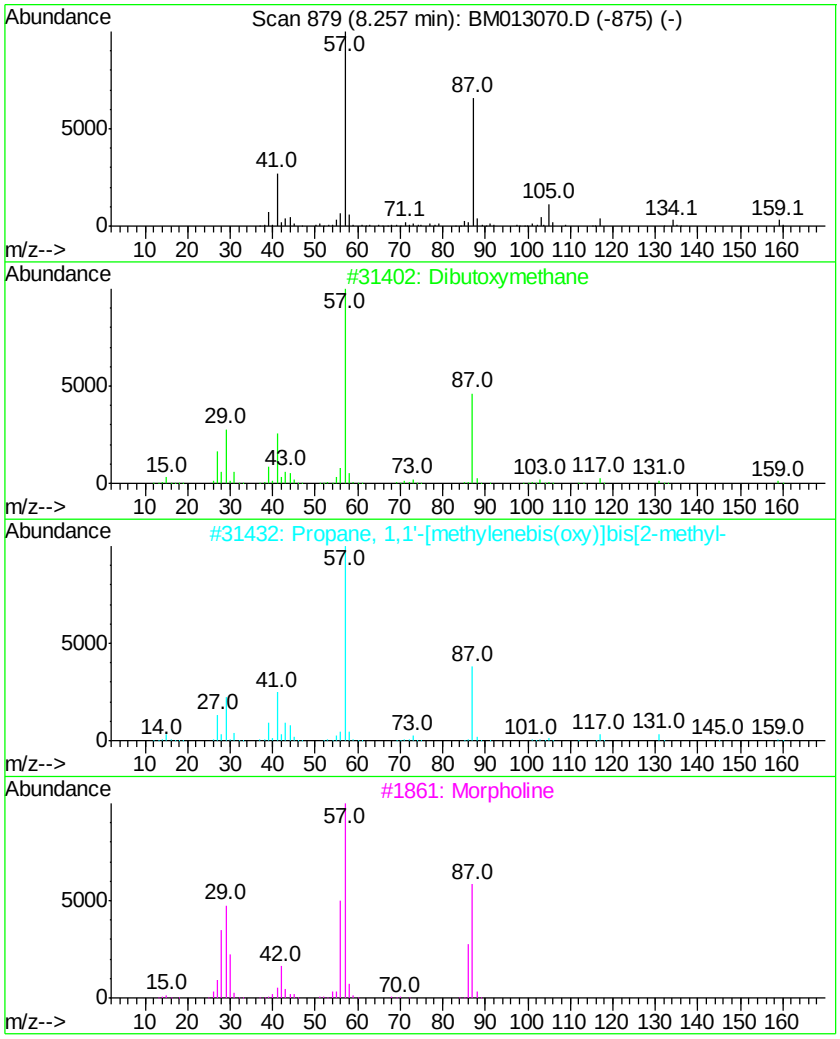
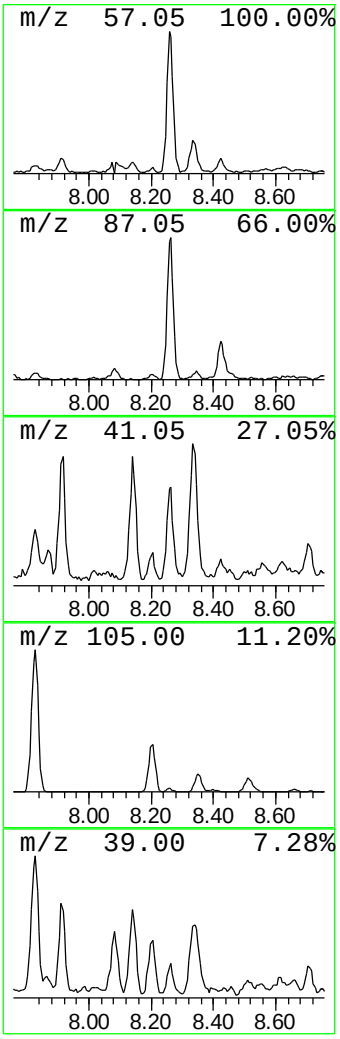
Peak Number 18 Dibutoxymethane Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.26	6.02 ng/ul	609721	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibutoxymethane	160	C9H20O2	002568-90-3	59
2	Propane, 1,1'-[methylenebis(oxy)...	160	C9H20O2	002568-91-4	53
3	Morpholine	87	C4H9NO	000110-91-8	50
4	Propane, 1-(chloromethoxy)-2-met...	122	C5H11ClO	034180-11-5	50
5	Morpholine	87	C4H9NO	000110-91-8	40





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Sample : I6405-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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

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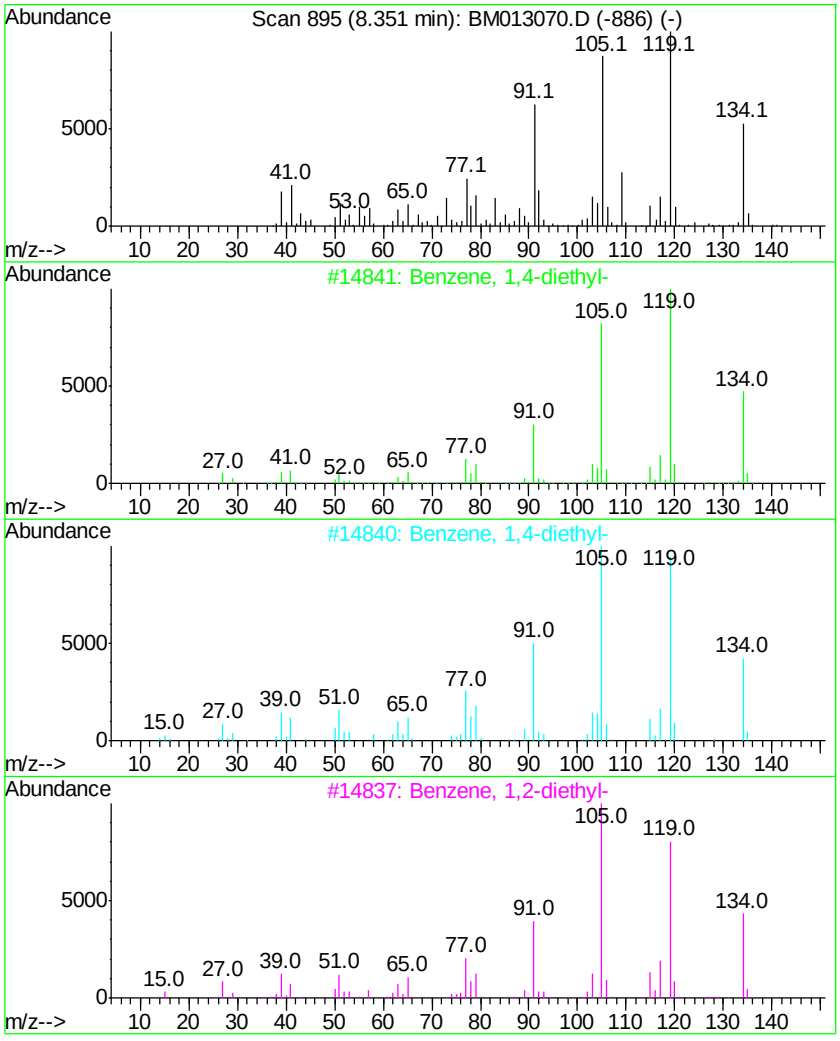
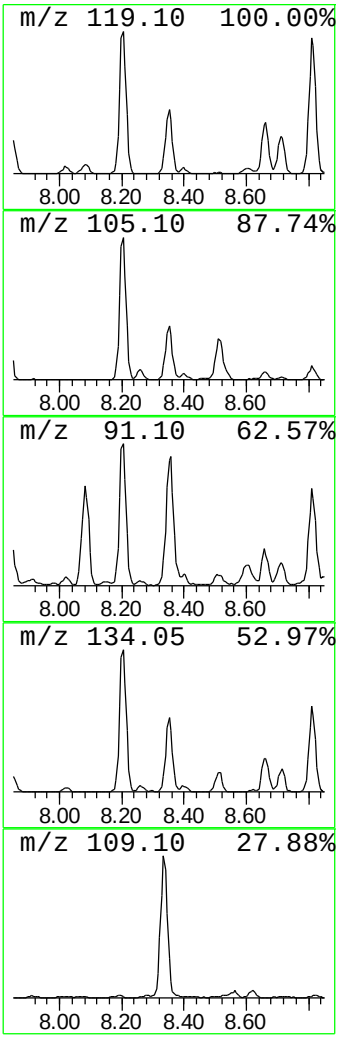
Peak Number 19 Benzene, 1,4-diethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	21.03 ng/ul	2128210	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	90
4	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	89
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	89





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Sample : I6405-20
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ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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

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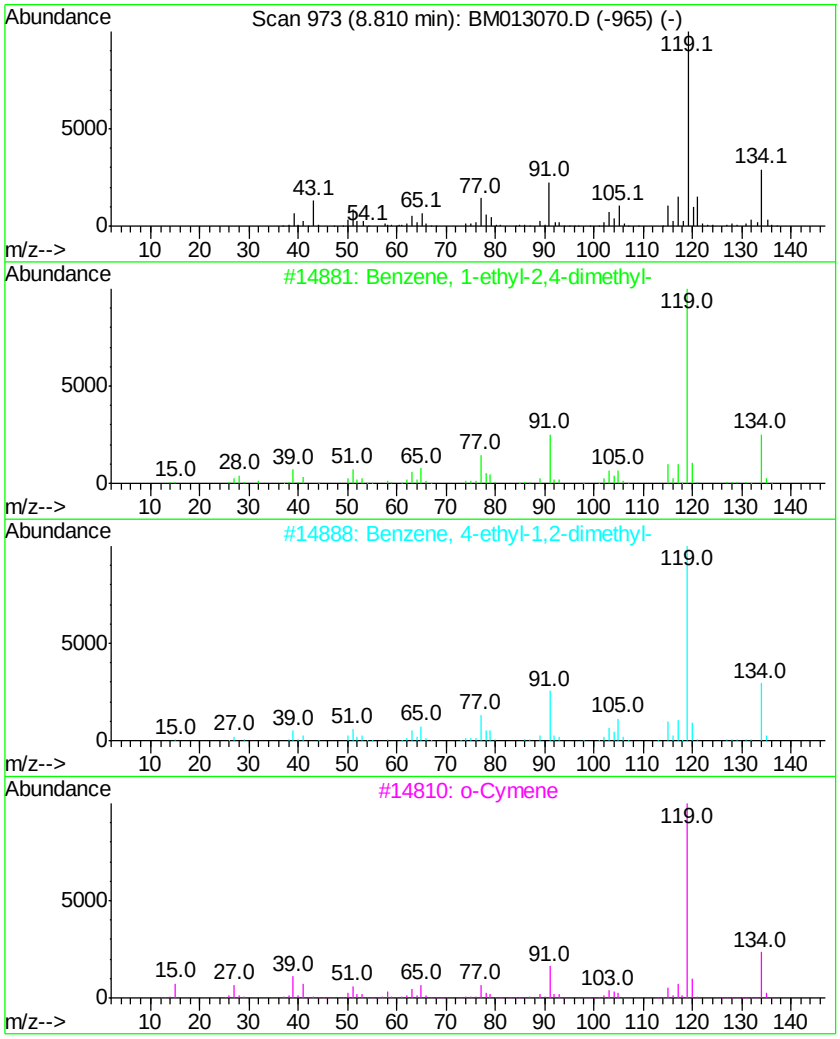
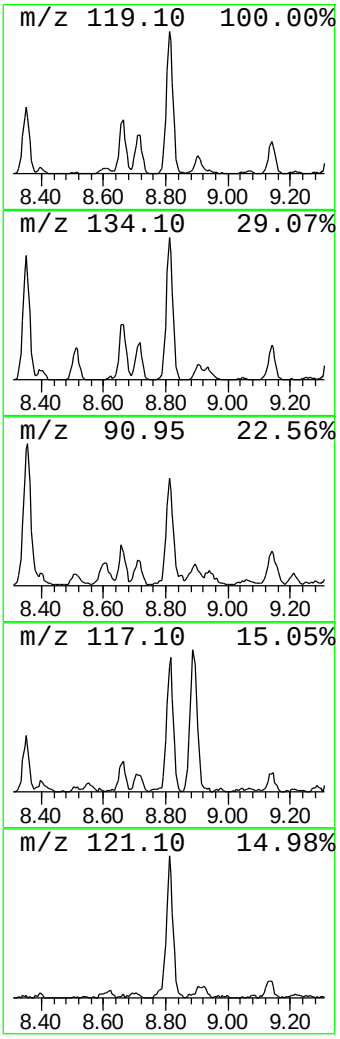
Peak Number 20 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	13.37 ng/ul	1353530	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	o-Cymene	134	C10H14	000527-84-4	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





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Quant Title : SVOA CALIBRATION

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

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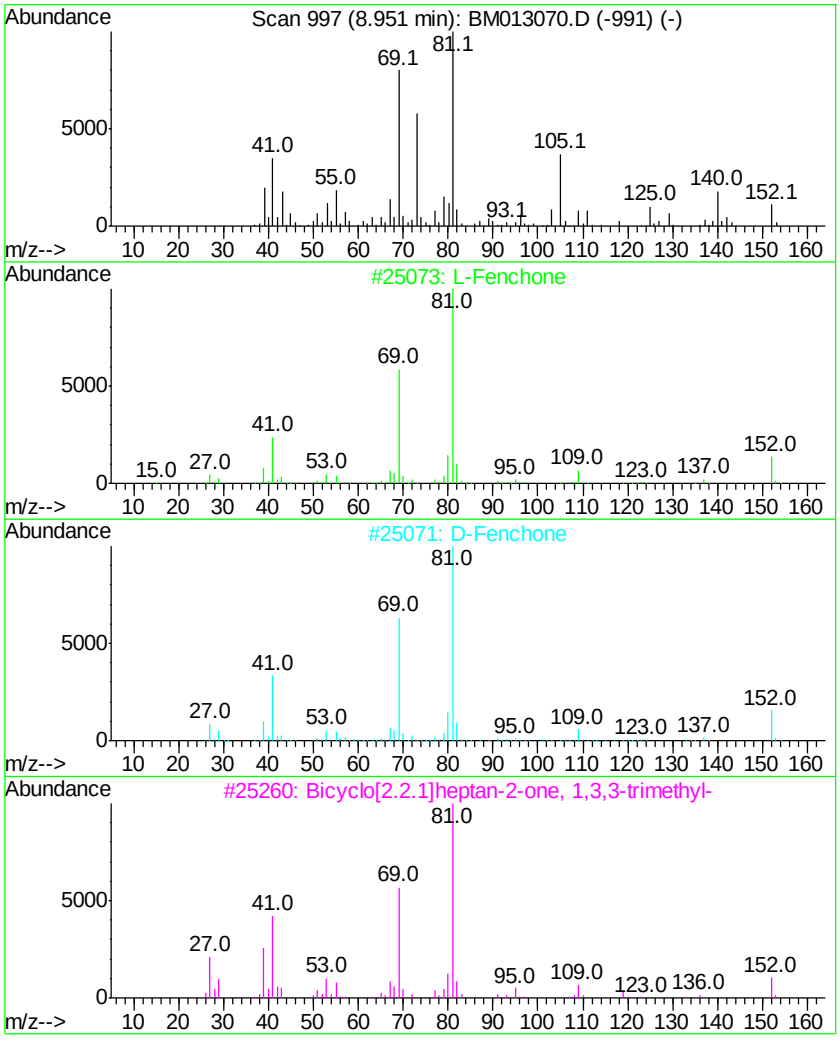
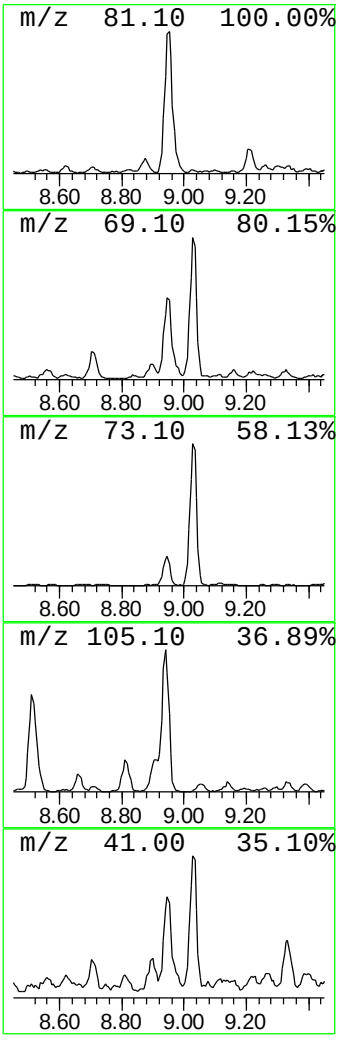
Peak Number 21 L-Fenchone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.95	19.42 ng/ul	1965480	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	L-Fenchone	152	C10H16O	007787-20-4	50
2	D-Fenchone	152	C10H16O	004695-62-9	50
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	30
5	2-Cyclopentene-1-carboxylic acid...	140	C8H12O2	068317-73-7	30





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ClientSampleId : BE2W1

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Quant Title : SVOA CALIBRATION

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

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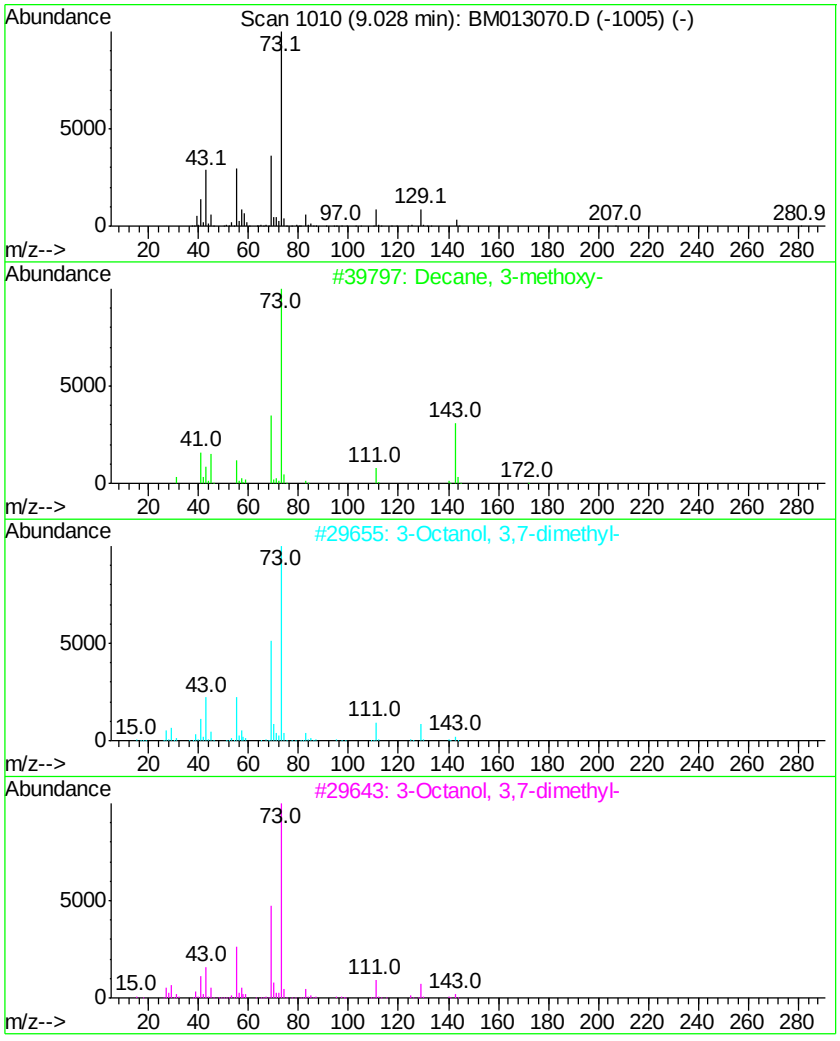
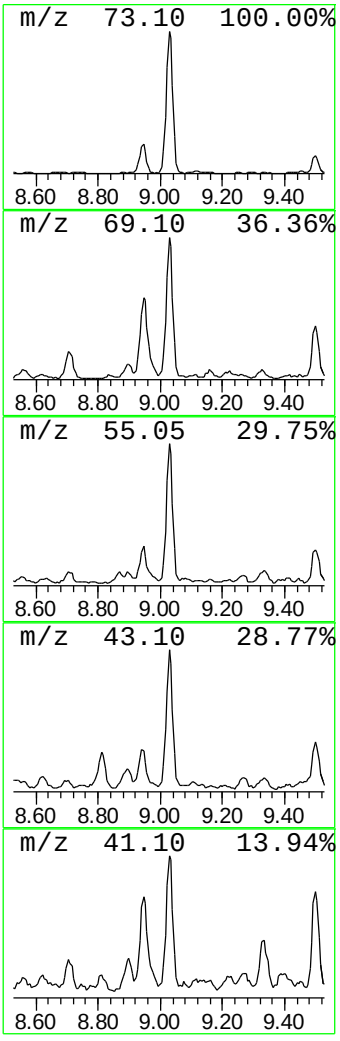
Peak Number 22 Decane, 3-methoxy- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.03	19.39 ng/ul	1962150	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methoxy-	172	C11H24O	055955-64-1	64
2	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	64
3	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	50
4	3-Octanol, 3,6-dimethyl-	158	C10H22O	000151-19-9	42
5	1,3-Dioxolane, 2-(1,1-dimethylet...	130	C7H14O2	002568-29-8	37





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112017\
Data File : BM013070.D
Acq On : 21 Nov 2017 07:05
Operator : SJ/JU
Sample : I6405-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

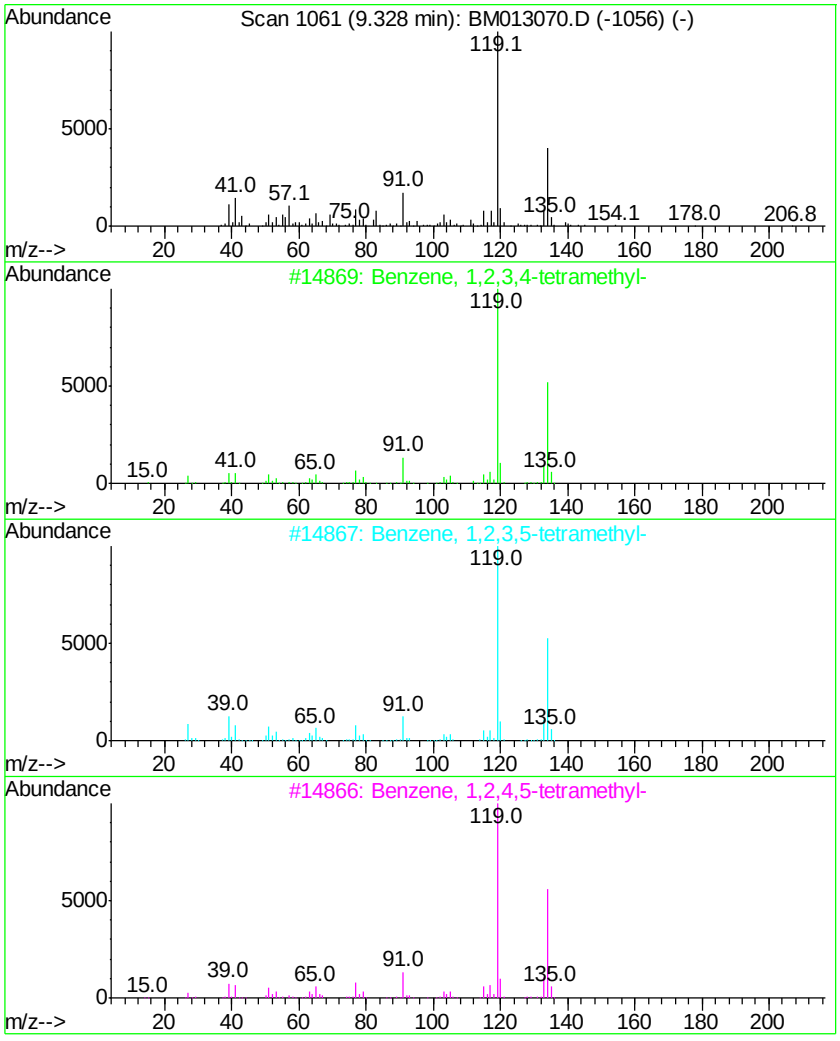
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

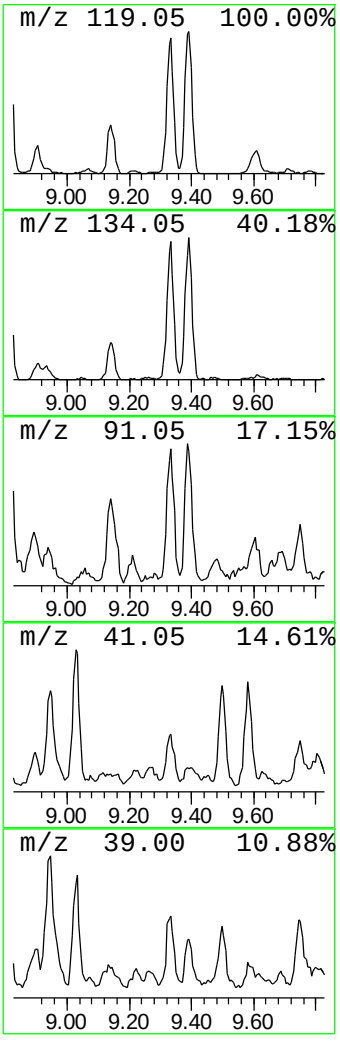
****

Peak Number 23 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	8.61 ng/ul	963688	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	93
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90





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Operator : SJ/JU
Sample : I6405-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

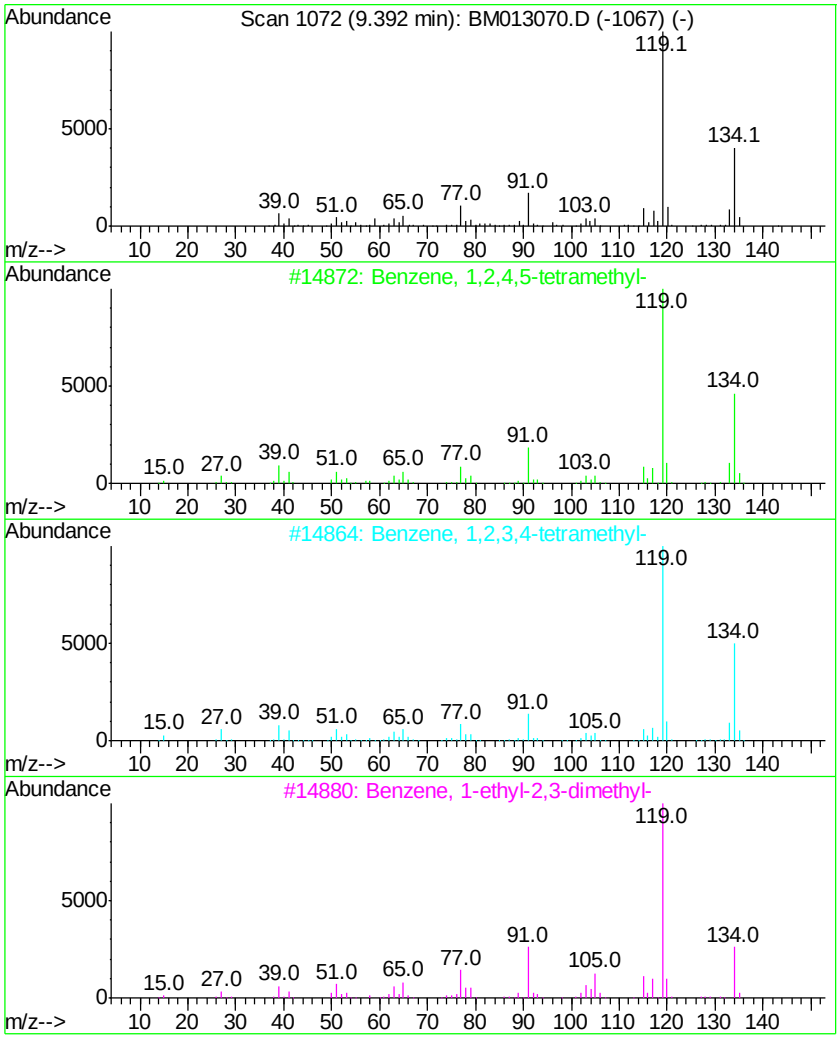
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

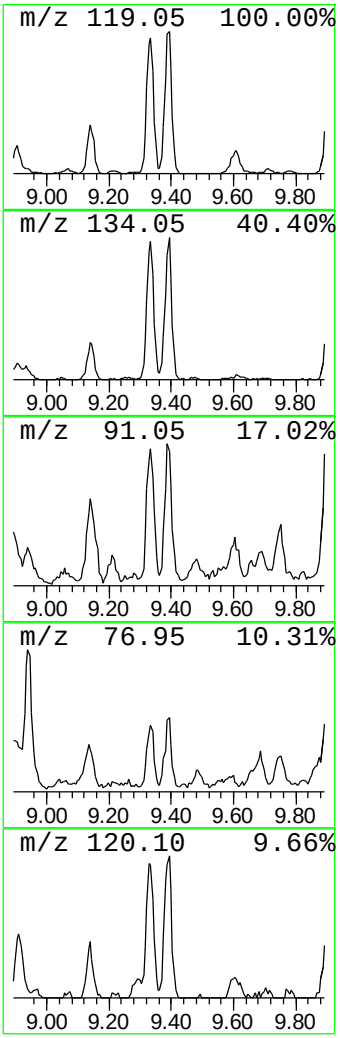
****

Peak Number 24 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	6.68 ng/ul	748355	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	o-Cymene	134	C10H14	000527-84-4	95





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Acq On : 21 Nov 2017 07:05
Operator : SJ/JU
Sample : I6405-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

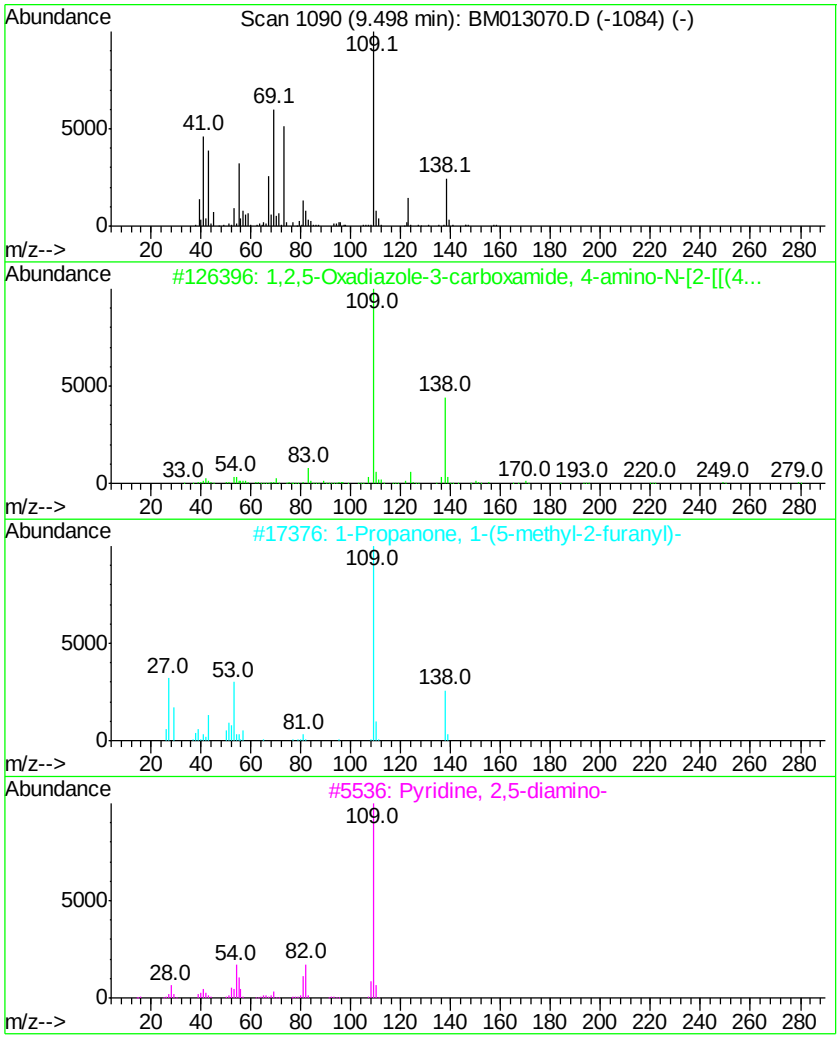
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

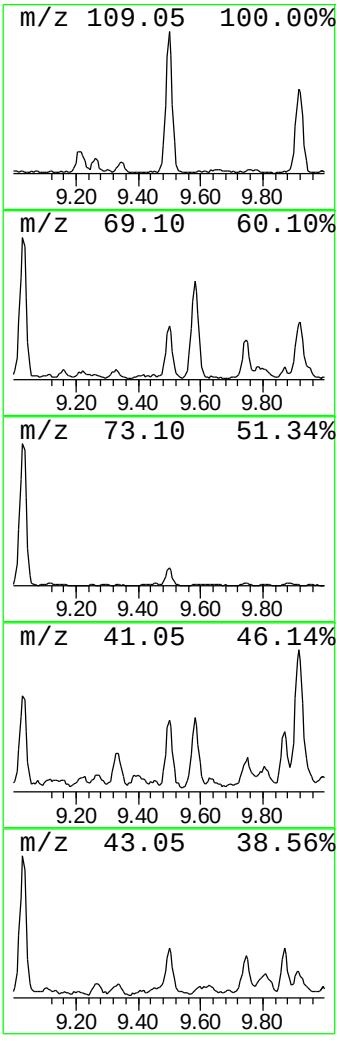
****

Peak Number 25 unknown-03 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	7.09 ng/ul	794145	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,5-Oxadiazole-3-carboxamide, ...	279	C12H14FN5O2	1000337-13-0	47
2	1-Propanone, 1-(5-methyl-2-furan...	138	C8H10O2	010599-69-6	47
3	Pyridine, 2,5-diamino-	109	C5H7N3	004318-76-7	46
4	Phenol, 3-amino-	109	C6H7NO	000591-27-5	43
5	2-(5-Methyl-furan-2-yl)-propiona...	138	C8H10O2	1000193-72-3	40





Library Search Compound Report

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Operator : SJ/JU
Sample : I6405-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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

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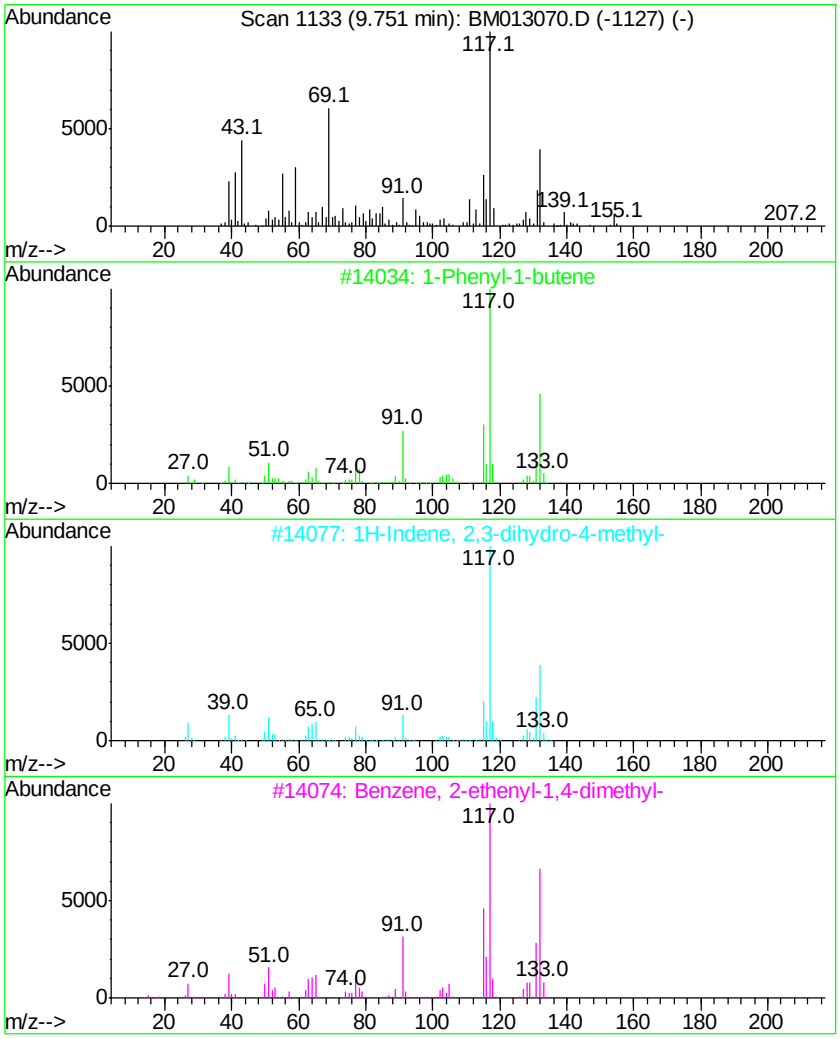
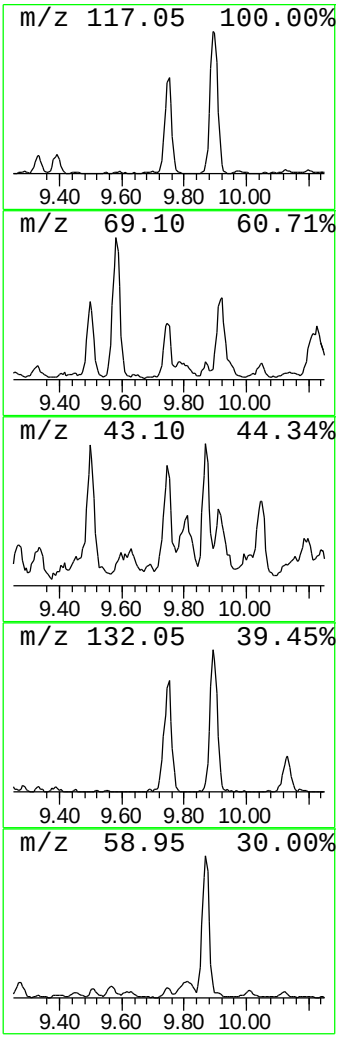
Peak Number 26 1-Phenyl-1-butene Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	7.70 ng/ul	861574	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	89
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	70
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	70
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	68
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	64





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Operator : SJ/JU
Sample : I6405-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W1

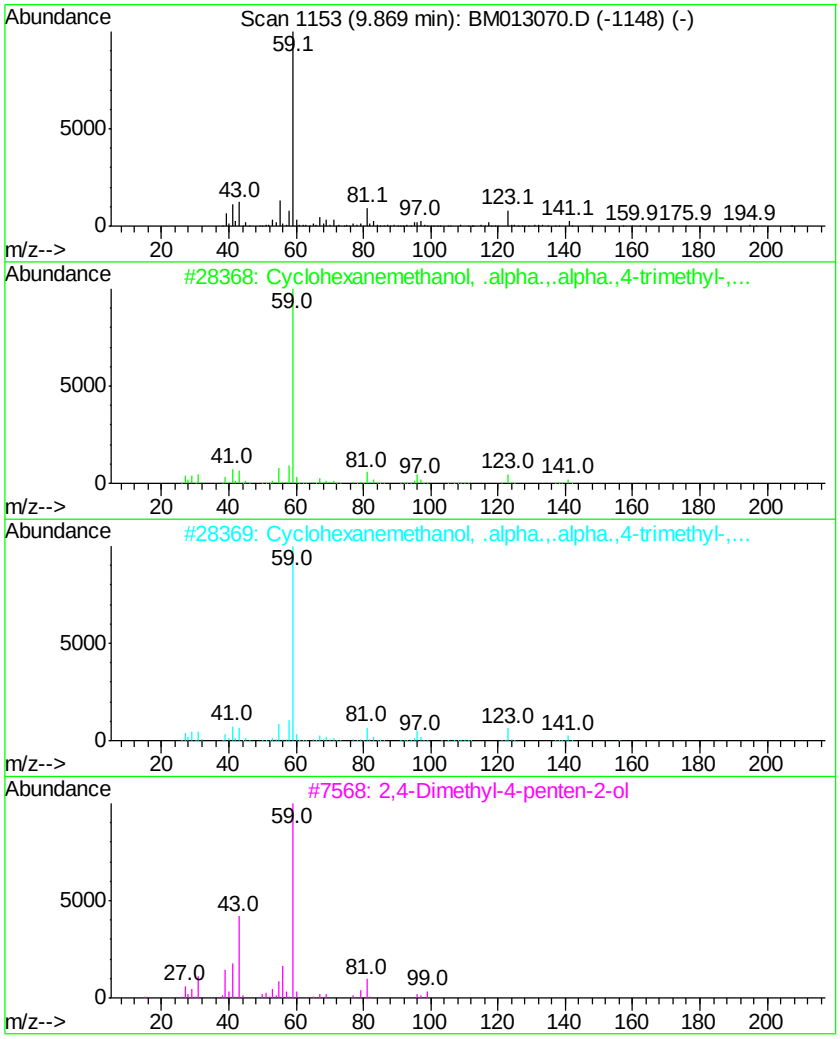
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

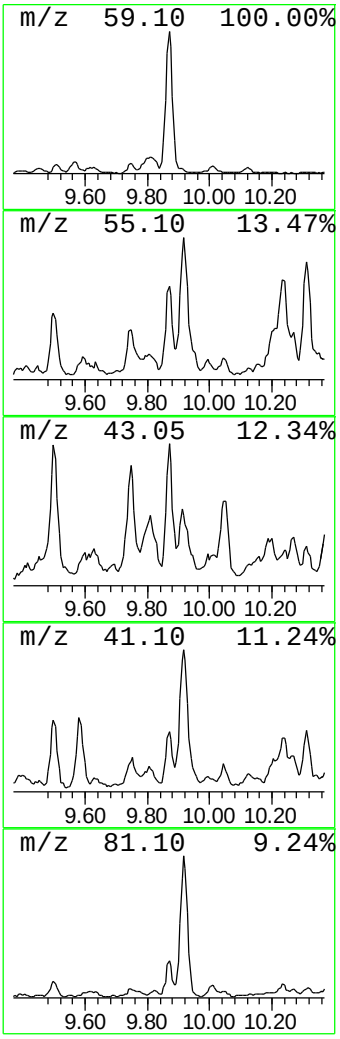
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Cyclohexanemethanol, .alpha... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	11.82 ng/ul	1322860	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	007322-63-6	72
2	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	005114-00-1	72
3	2,4-Dimethyl-4-penten-2-ol	114	C7H14O	019781-53-4	64
4	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	56
5	2,3-Dimethyl-4-penten-2-ol	114	C7H14O	019781-52-3	56





Library Search Compound Report

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Data File : BM013070.D
Acq On : 21 Nov 2017 07:05
Operator : SJ/JU
Sample : I6405-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

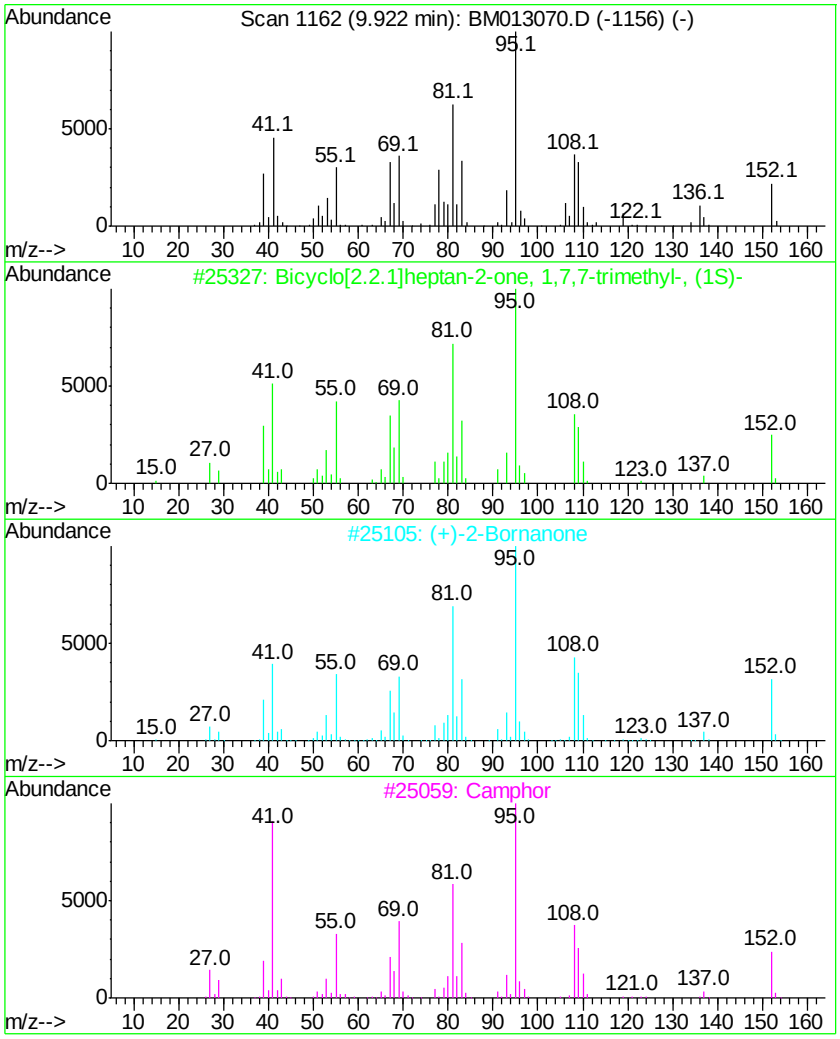
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

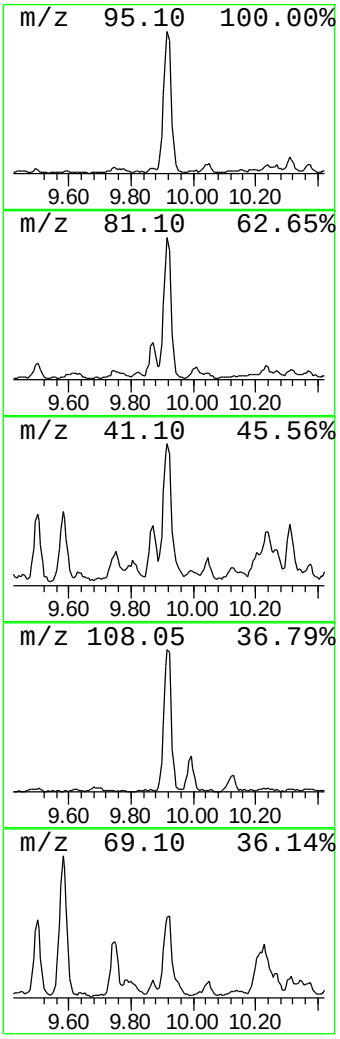
****

Peak Number 28 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	29.89 ng/ul	3346490	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	97
2	(+)-2-Bornanone	152	C10H16O	000464-49-3	95
3	Camphor	152	C10H16O	000076-22-2	95
4	(+)-2-Bornanone	152	C10H16O	000464-49-3	95
5	Camphor	152	C10H16O	000076-22-2	94





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Acq On : 21 Nov 2017 07:05
Operator : SJ/JU
Sample : I6405-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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

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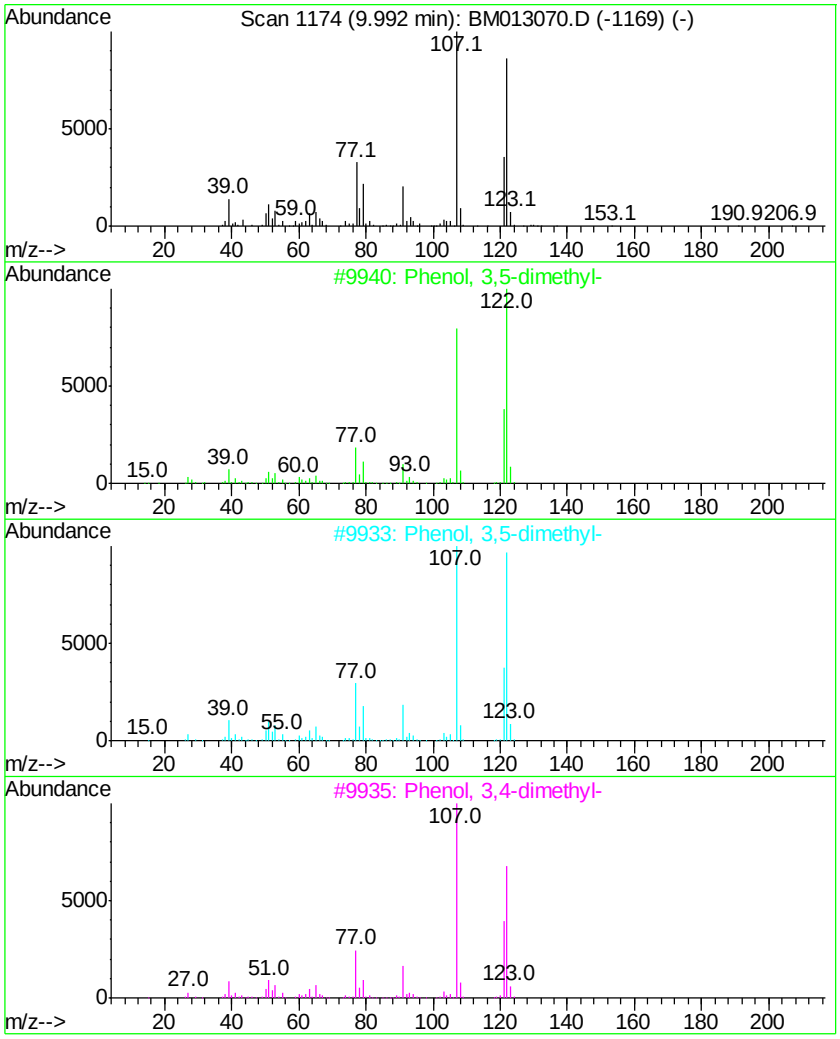
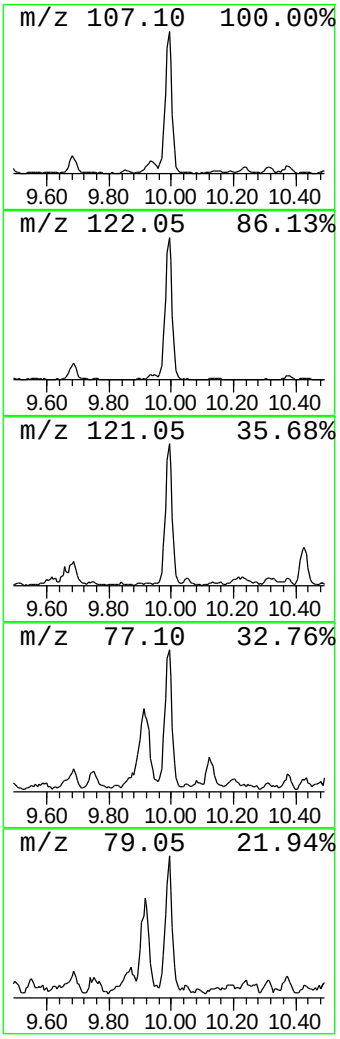
Peak Number 29 Phenol, 3,5-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.99	10.64 ng/ul	1191510	Naphthalene-d8	10.50

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	96
3	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	94
4	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	94
5	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	94





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Acq On : 21 Nov 2017 07:05
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Sample : I6405-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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

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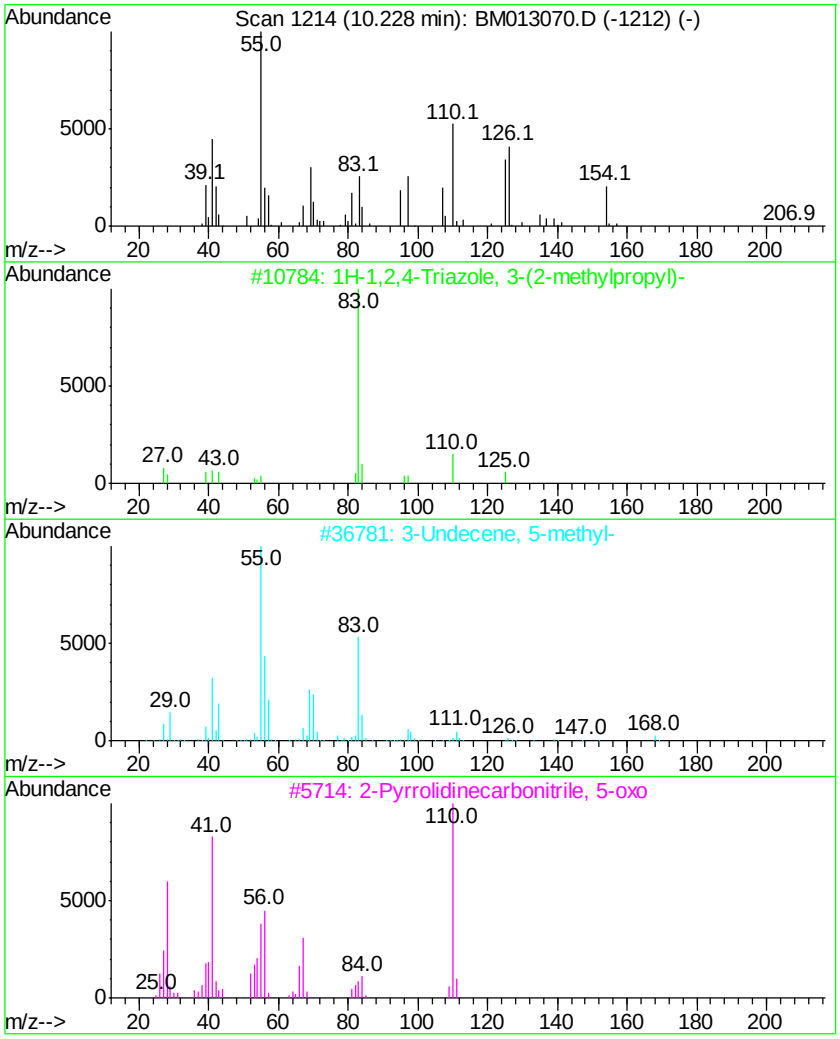
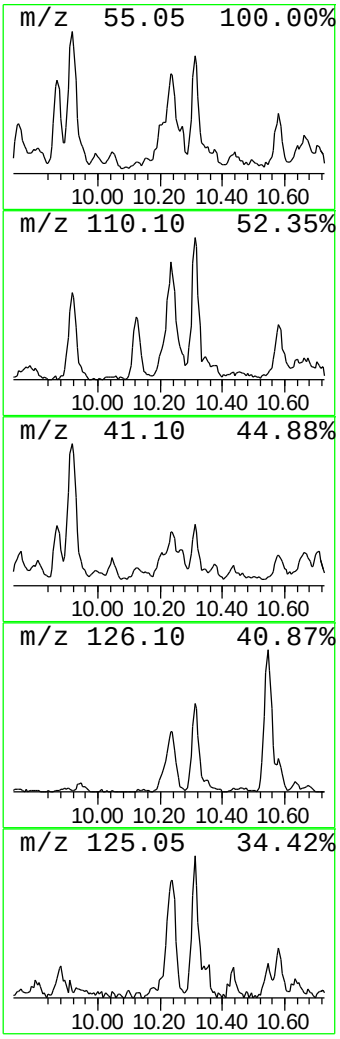
Peak Number 30 unknown-04 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.23	5.19 ng/ul	581252	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-1,2,4-Triazole, 3-(2-methylpr...	125	C6H11N3	040515-29-5	35
2	3-Undecene, 5-methyl-	168	C12H24	1000061-84-1	22
3	2-Pyrrolidinecarbonitrile, 5-oxo	110	C5H6N2O	005626-50-6	18
4	Imidazole, 1,4,5-trimethyl-	110	C6H10N2	020185-22-2	18
5	Cyclohexanone, 4-ethyl-	126	C8H14O	005441-51-0	14





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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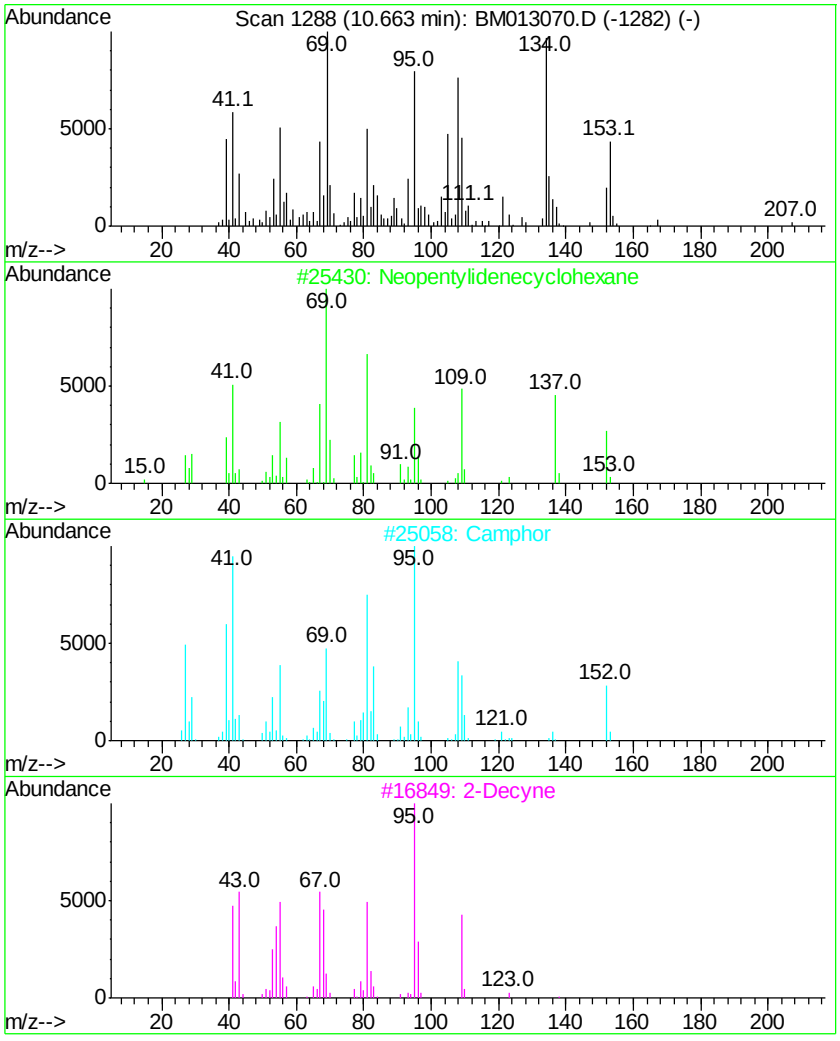
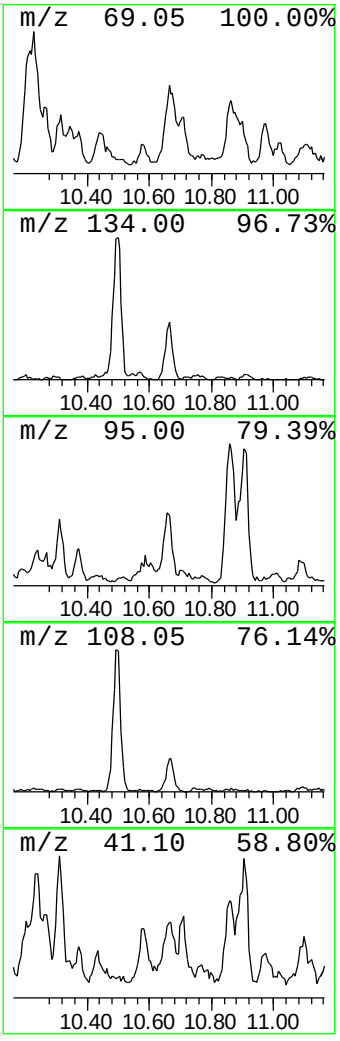
Peak Number 31 unknown-05 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	6.65 ng/ul	744001	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Neopentylidenecyclohexane	152	C11H20	039546-80-0	38
2	Camphor	152	C10H16O	000076-22-2	35
3	2-Decyne	138	C10H18	002384-70-5	30
4	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	20
5	5,7-Octadien-4-one, 2,6-dimethyl...	152	C10H16O	006752-80-3	18





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Operator : SJ/JU
Sample : I6405-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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

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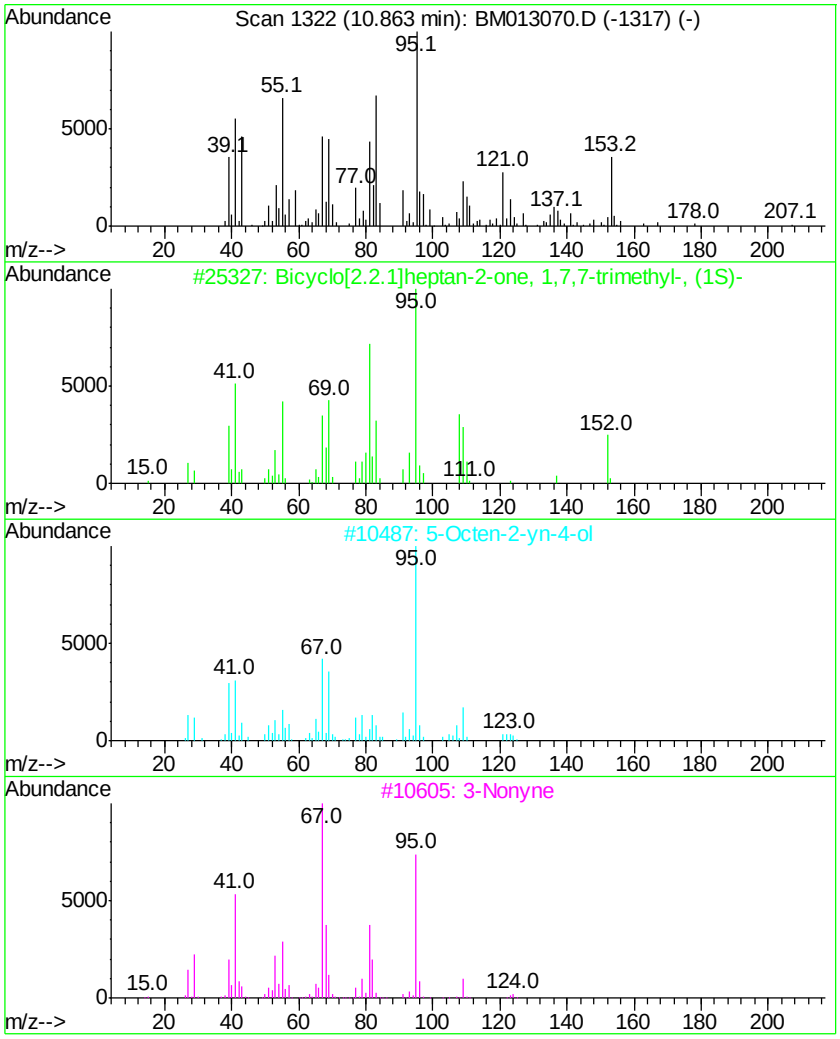
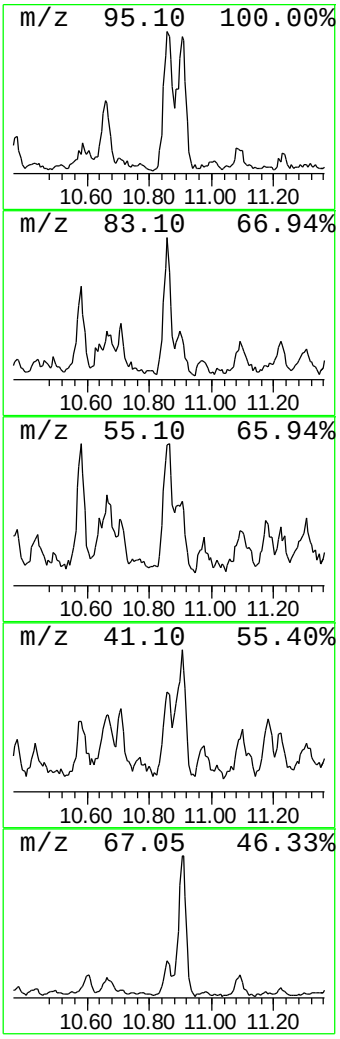
Peak Number 32 unknown-06 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	6.01 ng/ul	672863	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	47
2	5-Octen-2-yn-4-ol	124	C8H12O	1000196-87-1	45
3	3-Nonyne	124	C9H16	020184-89-8	43
4	Bicyclo[2.2.1]heptane-2,3-dione,...	166	C10H14O2	002767-84-2	43
5	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	38





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Quant Title : SVOA CALIBRATION

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

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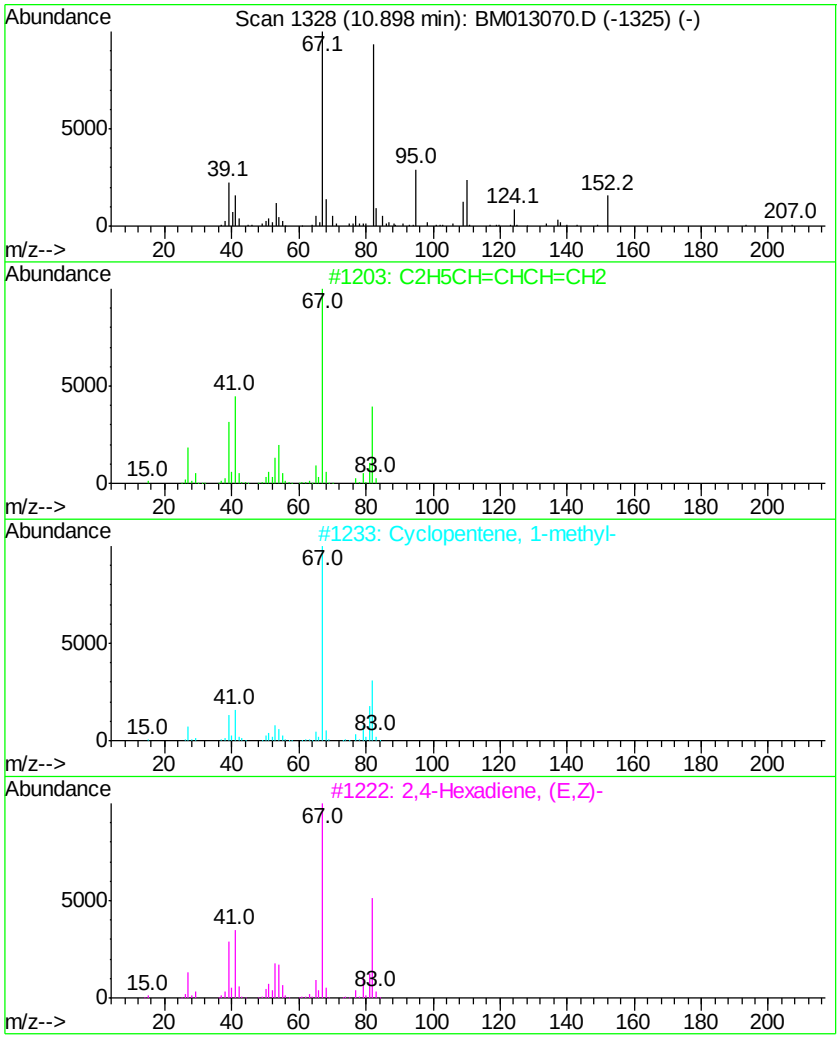
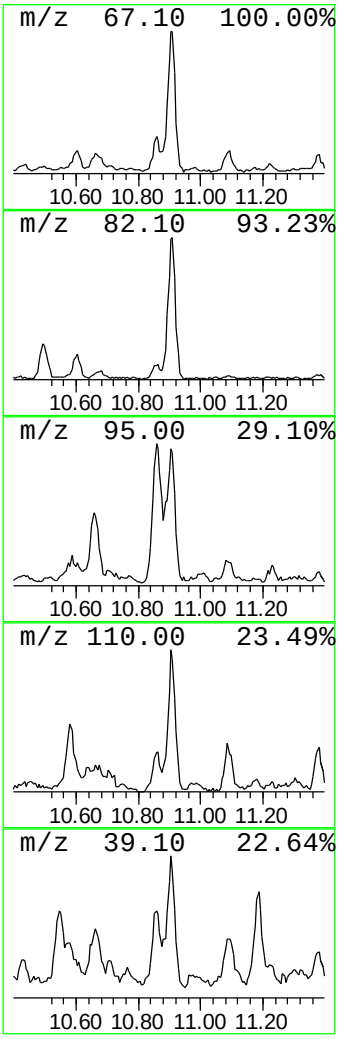
Peak Number 33 C2H5CH=CHCH=CH2 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	9.22 ng/ul	1031900	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	C2H5CH=CHCH=CH2	82	C6H10	000592-48-3	58
2	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	58
3	2,4-Hexadiene, (E,Z)-	82	C6H10	005194-50-3	53
4	4-Methyl-1,3-pentadiene	82	C6H10	000926-56-7	53
5	Cyclopentane, methylene-	82	C6H10	001528-30-9	53





Tentatively Identified Compound (LSC) summary

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Data File : BM013070.D
Acq On : 21 Nov 2017 07:05
Operator : SJ/JU
Sample : I6405-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.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...	5.39	208.4	ng/ul	21094500	1	7.72	2024160	20.0
unknown-01	5.46	8.1	ng/ul	815446	1	7.72	2024160	20.0
Benzene, (1-methy...	6.22	60.8	ng/ul	6153880	1	7.72	2024160	20.0
3-Octanone	6.40	18.1	ng/ul	1835840	1	7.72	2024160	20.0
Benzene, 1-chloro...	6.70	32.9	ng/ul	3332050	1	7.72	2024160	20.0
1,3-Cyclopentadie...	6.81	5.6	ng/ul	562878	1	7.72	2024160	20.0
Benzene, 1,2,3-tr...	7.36	68.4	ng/ul	6921920	1	7.72	2024160	20.0
Acetaldehyde, (3,...	7.42	8.1	ng/ul	819327	1	7.72	2024160	20.0
unknown-02	7.92	13.1	ng/ul	1322420	1	7.72	2024160	20.0
Indane	8.08	16.9	ng/ul	1709260	1	7.72	2024160	20.0
Cyclohexanone, 3,...	8.14	8.8	ng/ul	894836	1	7.72	2024160	20.0
Benzene, 1,2-diet...	8.20	18.2	ng/ul	1844220	1	7.72	2024160	20.0
Dibutoxymethane	8.26	6.0	ng/ul	609721	1	7.72	2024160	20.0
Benzene, 1,4-diet...	8.35	21.0	ng/ul	2128210	1	7.72	2024160	20.0
Benzene, 1-ethyl-...	8.81	13.4	ng/ul	1353530	1	7.72	2024160	20.0
L-Fenchone	8.95	19.4	ng/ul	1965480	1	7.72	2024160	20.0
Decane, 3-methoxy-	9.03	19.4	ng/ul	1962150	1	7.72	2024160	20.0
Benzene, 1,2,3,4-...	9.33	8.6	ng/ul	963688	2	10.50	2238930	20.0
Benzene, 1,2,4,5-...	9.39	6.7	ng/ul	748355	2	10.50	2238930	20.0
unknown-03	9.50	7.1	ng/ul	794145	2	10.50	2238930	20.0
1-Phenyl-1-butene	9.75	7.7	ng/ul	861574	2	10.50	2238930	20.0
Cyclohexanemethan...	9.87	11.8	ng/ul	1322860	2	10.50	2238930	20.0
Bicyclo[2.2.1]hep...	9.92	29.9	ng/ul	3346490	2	10.50	2238930	20.0
Phenol, 3,5-dimet...	9.99	10.6	ng/ul	1191510	2	10.50	2238930	20.0
unknown-04	10.23	5.2	ng/ul	581252	2	10.50	2238930	20.0
unknown-05	10.66	6.7	ng/ul	744001	2	10.50	2238930	20.0
unknown-06	10.86	6.0	ng/ul	672863	2	10.50	2238930	20.0
C2H5CH=CHCH=CH2	10.90	9.2	ng/ul	1031900	2	10.50	2238930	20.0