LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112017\
Data File : BM013063.D
Acq On : 21 Nov 2017 02:47
Operator : SJ/JU
Sample : I6489-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2Z0

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	3.969	145	150	155	rVB	156036	216076	1.25%	0.179%
2	4.399	215	223	233	rVB	172380	288789	1.67%	0.240%
3	5.063	330	336	345	rVB	2715532	3934404	22.76%	3.267%
4	5.193	351	358	363	rBV	185159	259951	1.50%	0.216%
5	5.387	384	391	400	rBV	11192646	17289972	100.00%	14.356%
6	5.663	426	438	445	rBV2	92767	231458	1.34%	0.192%
7	5.746	445	452	461	rVV	1180820	1732864	10.02%	1.439%
8	6.010	493	497	507	rVB2	96450	208619	1.21%	0.173%
9	6.193	517	528	531	rBV	123361	224856	1.30%	0.187%
10	6.399	554	563	566	rBV	353455	538072	3.11%	0.447%
11	6.434	566	569	574	rVB	198444	257134	1.49%	0.214%
12	6.704	605	615	627	rBV6	61143	193115	1.12%	0.160%
13	6.810	627	633	639	rBV	429241	609404	3.52%	0.506%
14	6.887	639	646	648	rBV2	305857	572566	3.31%	0.475%
15	6.910	648	650	653	rVV	288829	420048	2.43%	0.349%
16	6.946	653	656	660	rVB	309327	413603	2.39%	0.343%
17	7.051	669	674	679	rBV	799473	1221732	7.07%	1.014%
18	7.110	679	684	688	rVV	340644	507281	2.93%	0.421%
19	7.251	701	708	717	rBV2	1038461	2095694	12.12%	1.740%
20	7.363	721	727	734	rVB	991519	1499414	8.67%	1.245%
21	7.716	777	787	790	rBV	945556	1635834	9.46%	1.358%
22	7.746	790	792	797	rVV2	302350	450290	2.60%	0.374%
23	7.828	801	806	816	rVB	302827	529553	3.06%	0.440%
24	8.081	841	849	856	rVB2	227071	493508	2.85%	0.410%
25	8.204	863	870	875	rBV	183189	286779	1.66%	0.238%
26	8.416	900	906	914	rVB	816540	1333563	7.71%	1.107%
27	8.810	965	973	977	rBV3	231462	405235	2.34%	0.336%
28	8.863	977	982	990	rVV	1049914	1769208	10.23%	1.469%
29	8.940	990	995	1005	rVB4	161881	350510	2.03%	0.291%
30	9.028	1005	1010	1014	rBV	261682	370722	2.14%	0.308%
31	9.216	1036	1042	1047	rBV6	103017	212251	1.23%	0.176%
32	9.334	1056	1062	1068	rVB2	297182	484440	2.80%	0.402%
33	9.581	1098	1104	1114	rVB	979204	1728041	9.99%	1.435%
34	9.681	1114	1121	1128	rBV	246773	484035	2.80%	0.402%

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Misc :
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Instrument : BNA_M
ClientSampleId : BE2Z0

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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

35	9.769	1128	1136	1147	rVB5	231403	625405	3.62%	0.519%
36	9.904	1150	1159	1169	rBV8	117454	390997	2.26%	0.325%
37	10.045	1176	1183	1189	rVB3	208826	400267	2.32%	0.332%
38	10.116	1189	1195	1203	rBV2	1478505	2527028	14.62%	2.098%
39	10.492	1252	1259	1266	rBV	1239577	2265542	13.10%	1.881%
40	10.551	1266	1269	1277	rVB6	148328	284221	1.64%	0.236%
41	10.634	1277	1283	1298	rVB3	313323	762740	4.41%	0.633%
42	10.763	1298	1305	1313	rBV9	69327	222637	1.29%	0.185%
43	11.081	1349	1359	1368	rBV10	122977	417503	2.41%	0.347%
44	11.292	1389	1395	1402	rBV7	78925	186858	1.08%	0.155%
45	11.516	1429	1433	1444	rVB6	104184	236403	1.37%	0.196%
46	11.851	1480	1490	1497	rBV	4829471	7924217	45.83%	6.580%
47	12.128	1533	1537	1544	rVB7	90984	181680	1.05%	0.151%
48	12.328	1565	1571	1576	rVB7	98633	194439	1.12%	0.161%
49	12.392	1577	1582	1586	rBV2	176558	267025	1.54%	0.222%
50	12.486	1591	1598	1604	rVB5	131731	309018	1.79%	0.257%
51	12.604	1614	1618	1623	rBV3	163829	250628	1.45%	0.208%
52	12.892	1662	1667	1672	rVB	952998	1231744	7.12%	1.023%
53	13.151	1706	1711	1715	rBV3	130695	221360	1.28%	0.184%
54	13.410	1751	1755	1762	rVB4	139583	231945	1.34%	0.193%
55	13.486	1763	1768	1774	rBV6	141330	304598	1.76%	0.253%
56	13.586	1781	1785	1788	rBV2	210643	315262	1.82%	0.262%
57	13.628	1788	1792	1800	rVB2	369759	681037	3.94%	0.565%
58	13.769	1810	1816	1822	rBV	2409665	3386033	19.58%	2.811%
59	13.845	1822	1829	1837	rVV	536930	1170189	6.77%	0.972%
60	13.963	1844	1849	1852	rBV2	158175	239969	1.39%	0.199%
61	14.010	1852	1857	1858	rVV5	170613	267577	1.55%	0.222%
62	14.045	1858	1863	1870	rVB	2618911	3817403	22.08%	3.170%
63	14.180	1880	1886	1897	rVB2	378605	696364	4.03%	0.578%
64	14.351	1909	1915	1920	rVV2	1713978	2854337	16.51%	2.370%
65	14.392	1920	1922	1928	rVB2	297404	358327	2.07%	0.298%
66	14.569	1945	1952	1958	rBV3	244905	563461	3.26%	0.468%
67	14.745	1979	1982	1988	rVB3	147108	198133	1.15%	0.165%
68	14.892	2003	2007	2016	rBV4	121788	336100	1.94%	0.279%
69	15.104	2038	2043	2049	rBV	992822	1388263	8.03%	1.153%
70	15.263	2065	2070	2073	rVV2	211832	337789	1.95%	0.280%
71	15.351	2079	2085	2091	rBV	3093046	4642502	26.85%	3.855%

LSC Area Percent Report

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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2Z0

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	15.463	2099	2104	2111	rVB2	1069452	1508613	8.73%	1.253%
73	15.592	2121	2126	2133	rBV	472764	722851	4.18%	0.600%
74	15.869	2166	2173	2182	rBV2	1600443	2530746	14.64%	2.101%
75	16.063	2197	2206	2210	rBV	1893943	3482840	20.14%	2.892%
76	16.104	2210	2213	2221	rVB2	316591	515979	2.98%	0.428%
77	16.245	2233	2237	2246	rBV3	184082	311948	1.80%	0.259%
78	16.380	2255	2260	2264	rBV	844373	1207473	6.98%	1.003%
79	16.480	2274	2277	2281	rBV5	115572	184194	1.07%	0.153%
80	16.627	2299	2302	2309	rVB3	119218	197261	1.14%	0.164%
81	17.098	2376	2382	2392	rVB2	1996620	2836632	16.41%	2.355%
82	17.198	2393	2399	2406	rBV	3115720	4434686	25.65%	3.682%
83	17.727	2484	2489	2493	rBV2	367082	526192	3.04%	0.437%
84	17.780	2493	2498	2504	rVV2	525394	727124	4.21%	0.604%
85	18.010	2533	2537	2544	rBV	586801	827780	4.79%	0.687%
86	18.298	2582	2586	2594	rVB2	121421	189133	1.09%	0.157%
87	18.451	2608	2612	2618	rBV2	176572	275818	1.60%	0.229%
88	19.227	2740	2744	2748	rVB3	178924	266056	1.54%	0.221%
89	19.292	2751	2755	2760	rBV	623803	749039	4.33%	0.622%
90	19.492	2784	2789	2794	rBV	3261174	4362047	25.23%	3.622%
91	19.551	2794	2799	2806	rVB	432126	679176	3.93%	0.564%
92	19.715	2824	2827	2834	rBV2	147791	203522	1.18%	0.169%
93	19.998	2873	2875	2882	rVB8	133756	195408	1.13%	0.162%
94	20.539	2963	2967	2973	rBV2	214060	252671	1.46%	0.210%
95	21.009	3044	3047	3054	rVB3	158511	204166	1.18%	0.170%
96	21.280	3089	3093	3098	rVB	1986719	2504324	14.48%	2.079%
97	21.409	3112	3115	3119	rVB	235146	266992	1.54%	0.222%
98	22.345	3270	3274	3280	rVB3	313524	495364	2.87%	0.411%
99	23.368	3442	3448	3455	rBV2	1918605	3523674	20.38%	2.926%
100	23.515	3466	3473	3480	rVB	1203615	2316088	13.40%	1.923%

Sum of corrected areas: 120435819

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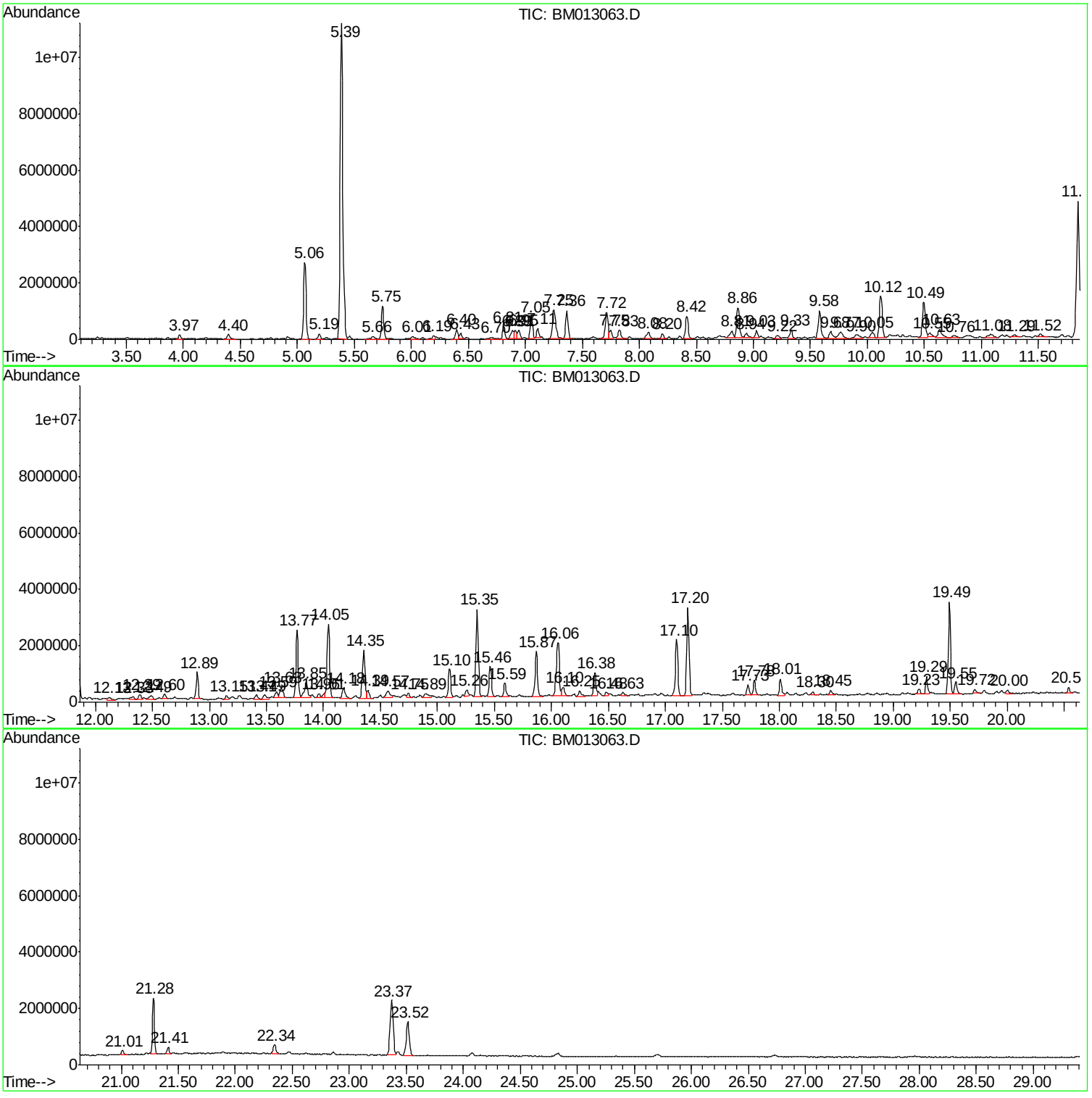
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2Z0

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

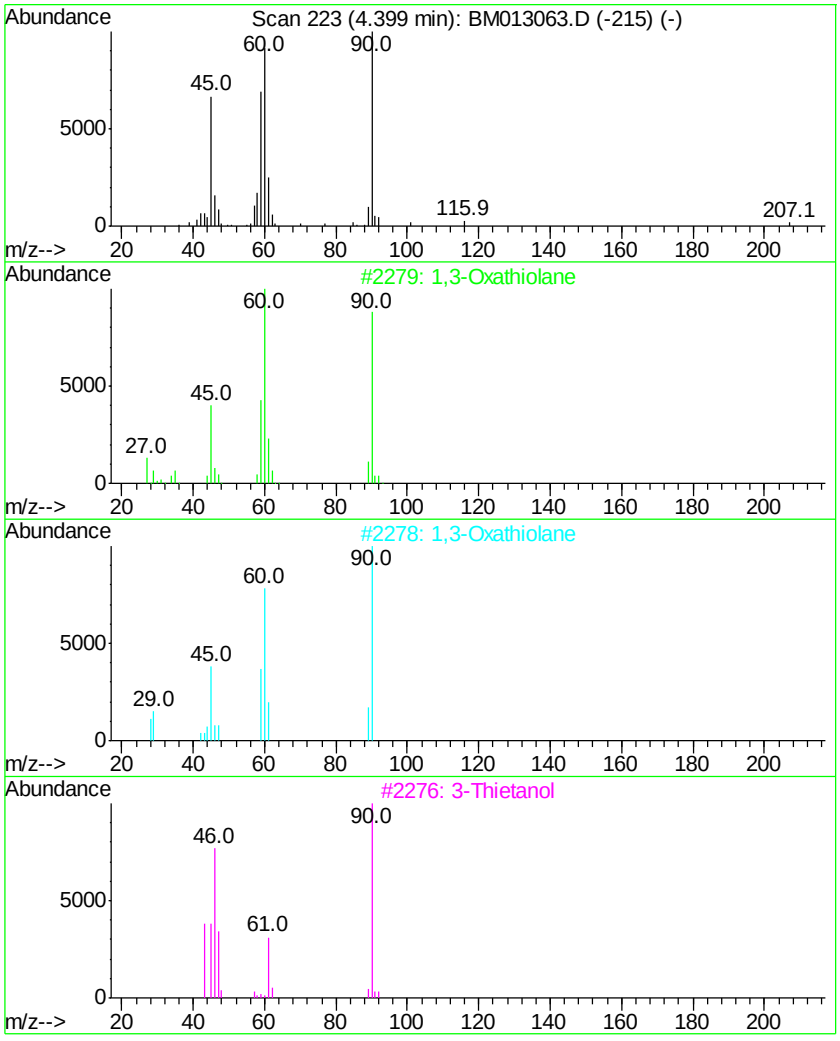
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

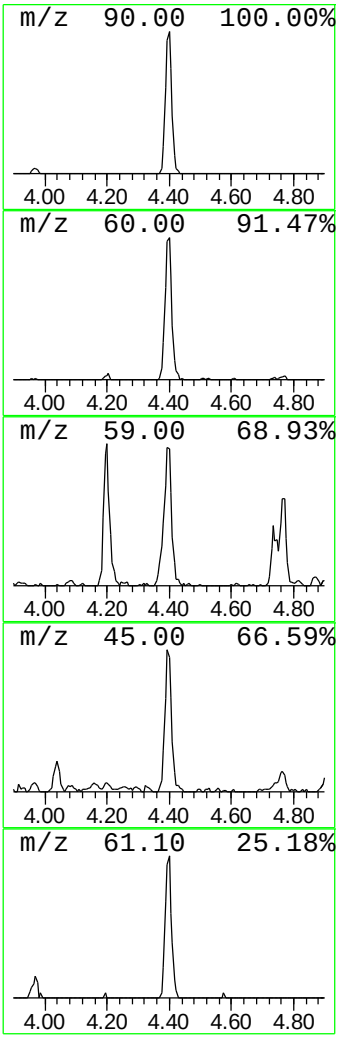
****

Peak Number 2 1,3-Oxathiolane Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	3.53 ng/ul	288789	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Oxathiolane	90	C3H6OS	002094-97-5	86
2	1,3-Oxathiolane	90	C3H6OS	002094-97-5	86
3	3-Thietanol	90	C3H6OS	010304-16-2	53
4	Thiourea, methyl-	90	C2H6N2S	000598-52-7	50
5	Hydrazinecarboxylic acid, methyl...	90	C2H6N2O2	006294-89-9	45





Data Path : Z:\HPCHEM1\BNA M\DATA\BM112017\
Data File : BM013063.D
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Sample : I6489-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2Z0

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

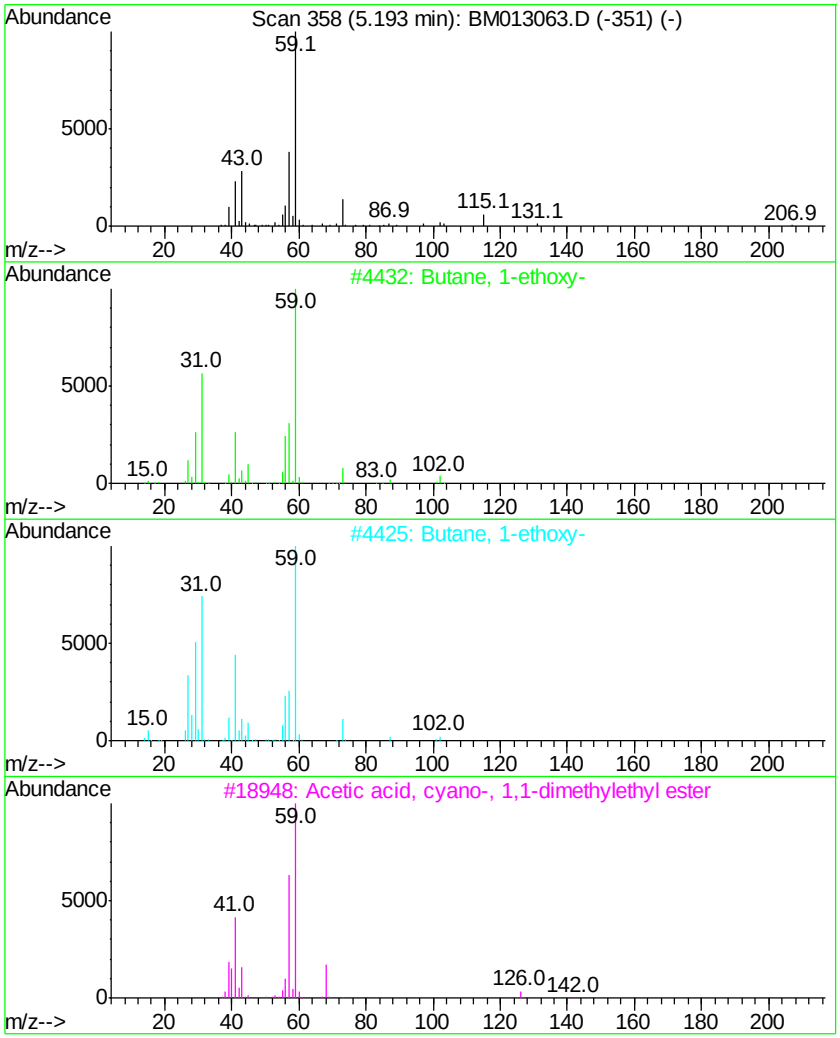
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

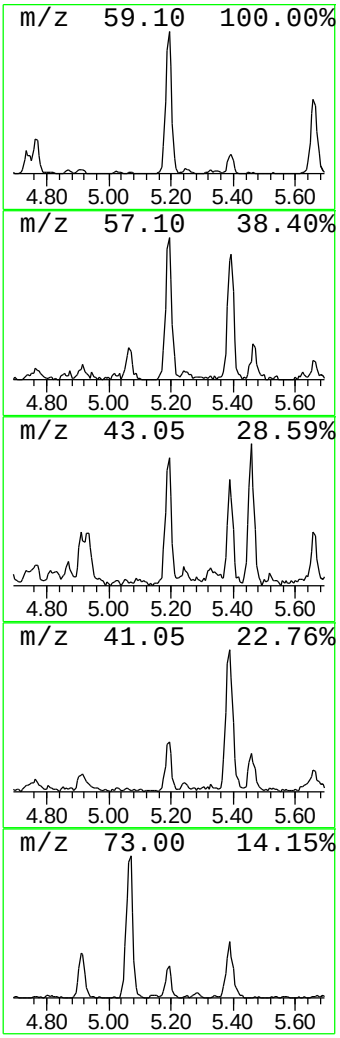
****

Peak Number 4 Butane, 1-ethoxy- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	3.18 ng/ul	259951	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	50
2	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	45
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	42
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	42
5	1-(1-Methoxypropan-2-yloxy)propa...	190	C9H18O4	1000367-08-6	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112017\
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Instrument : BNA_M
ClientSampleId : BE2Z0

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

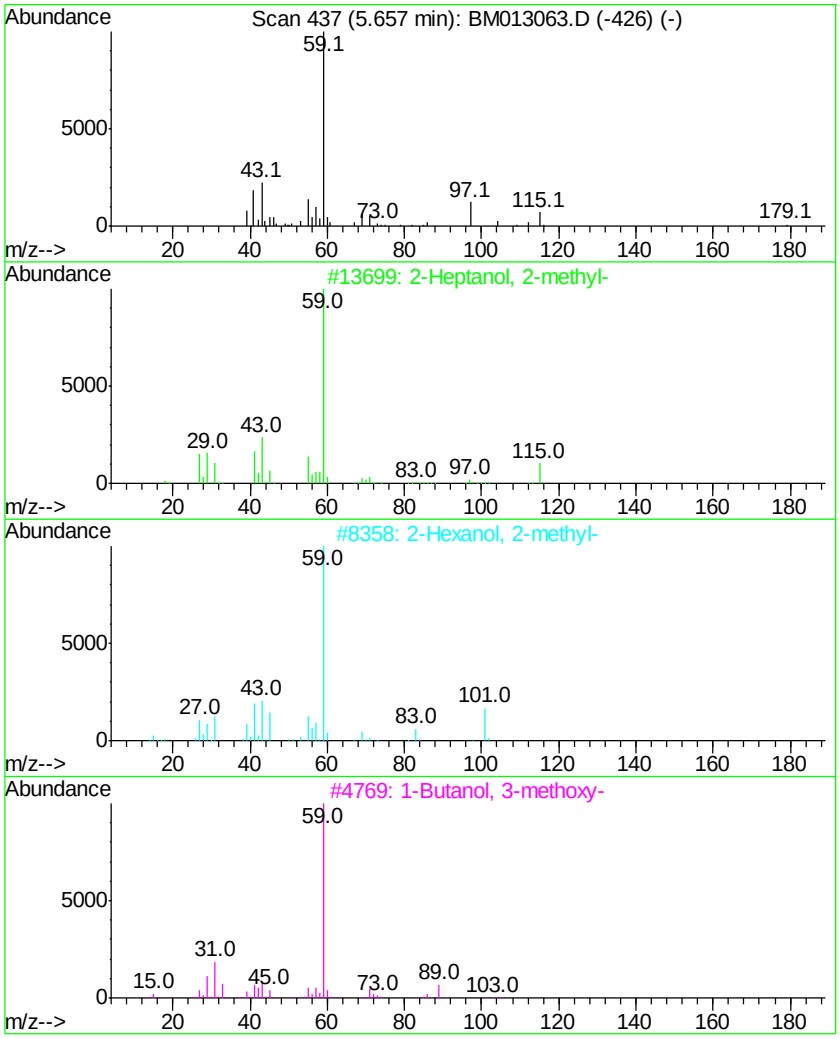
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

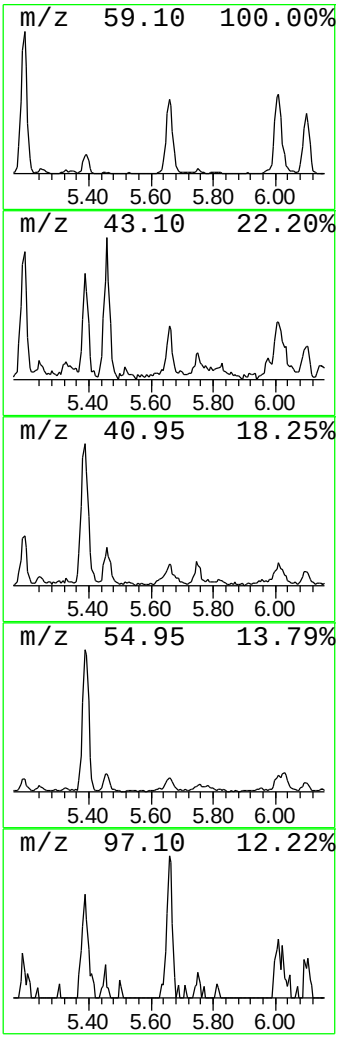
****

Peak Number 6 2-Heptanol, 2-methyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.66	2.83 ng/ul	231458	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanol, 2-methyl-	130	C8H18O	000625-25-2	59
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	59
3	1-Butanol, 3-methoxy-	104	C5H12O2	002517-43-3	59
4	2-Heptanol, 2-methyl-	130	C8H18O	000625-25-2	53
5	2-Hexanol, 2,5-dimethyl-, (S)-	130	C8H18O	003730-60-7	50





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : BE2Z0

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

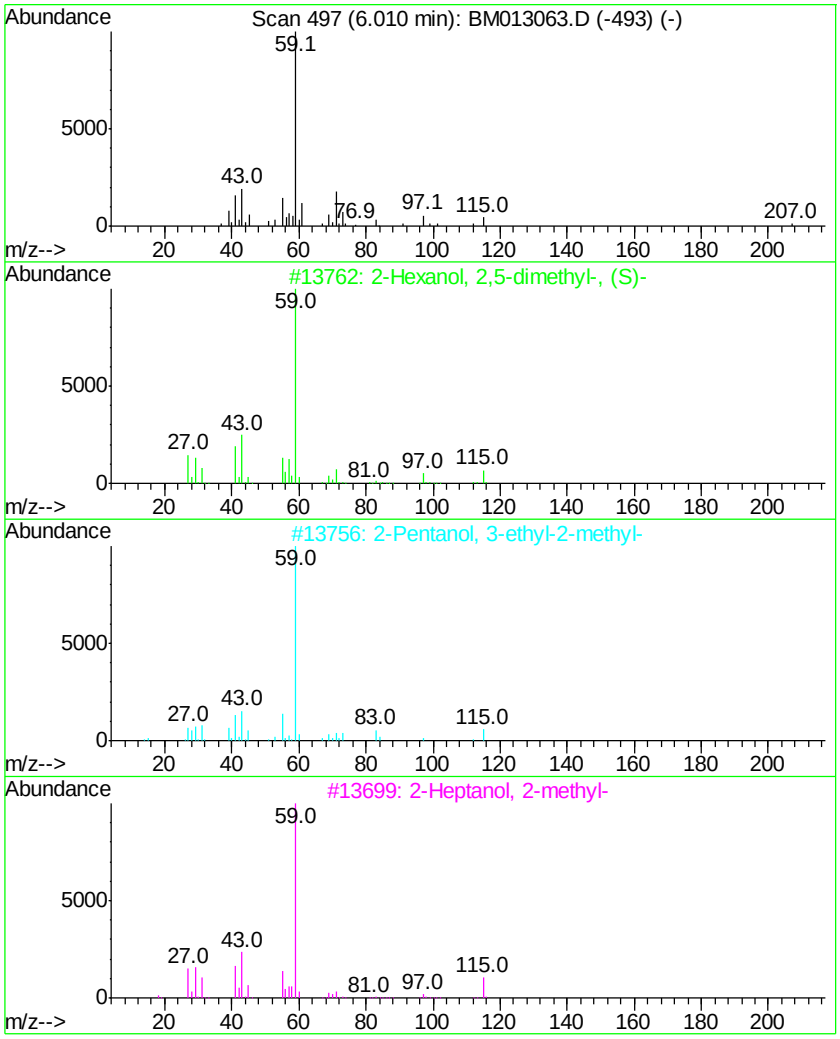
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

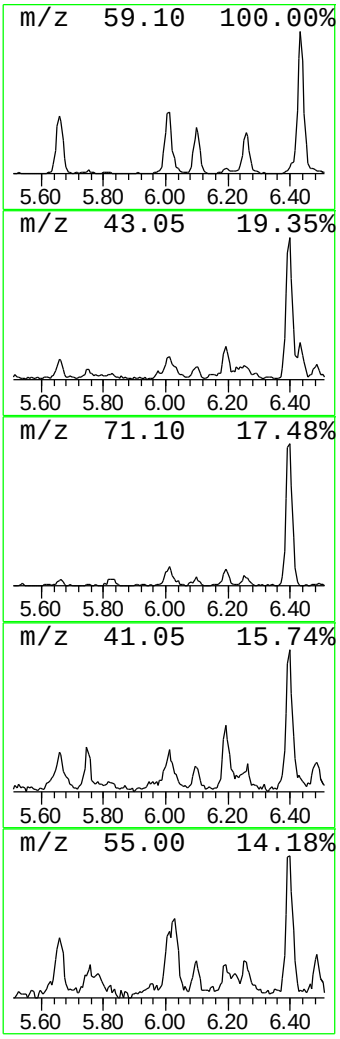
****

Peak Number 8 2-Hexanol, 2,5-dimethyl-, (S)- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.01	2.55 ng/ul	208619	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol, 2,5-dimethyl-, (S)-	130	C8H18O	003730-60-7	64
2	2-Pentanol, 3-ethyl-2-methyl-	130	C8H18O	019780-63-3	59
3	2-Heptanol, 2-methyl-	130	C8H18O	000625-25-2	53
4	2-Hexanol, 2,3-dimethyl-	130	C8H18O	019550-03-9	53
5	2-Heptanol, 2-methyl-	130	C8H18O	000625-25-2	53





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Data File : BM013063.D
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Operator : SJ/JU
Sample : I6489-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2Z0

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

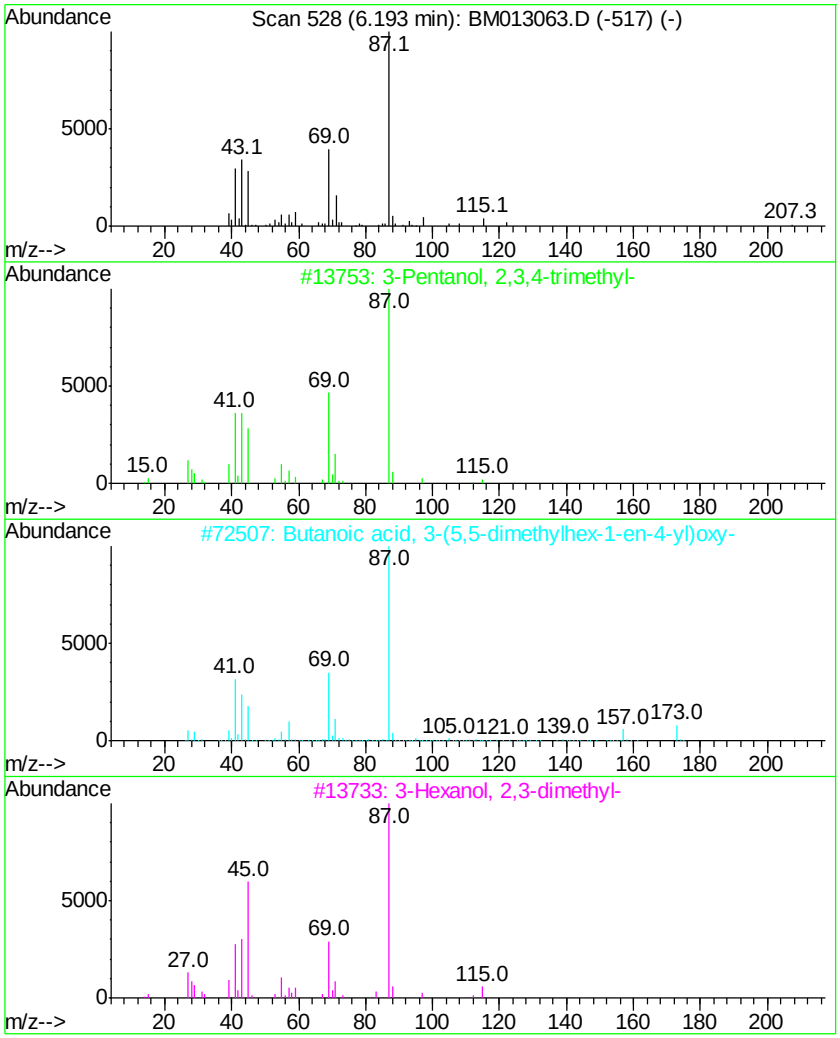
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

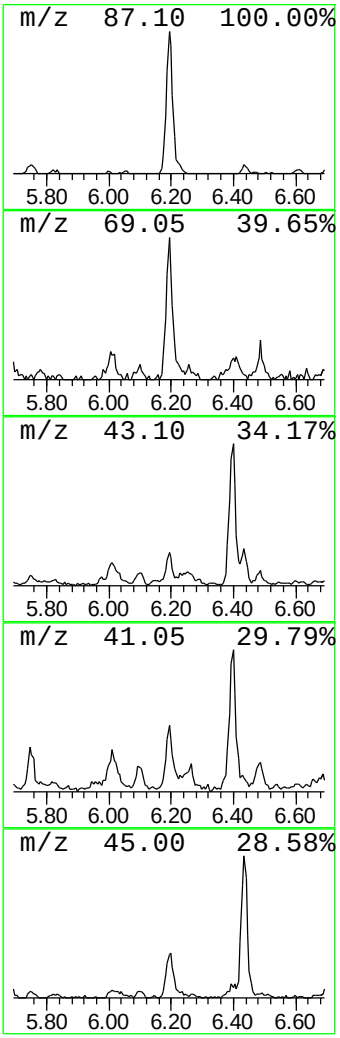
****

Peak Number 9 3-Pentanol, 2,3,4-trimethyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.19	2.75 ng/ul	224856	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 2,3,4-trimethyl-	130	C8H18O	003054-92-0	78
2	Butanoic acid, 3-(5,5-dimethylhe...	214	C12H22O3	112463-32-8	72
3	3-Hexanol, 2,3-dimethyl-	130	C8H18O	004166-46-5	72
4	3-Octanol, 2,3-dimethyl-	158	C10H22O	019781-10-3	64
5	3-(1-Isopropyl-but-3-enyloxy)-bu...	200	C11H20O3	1000192-42-8	64





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Operator : SJ/JU
Sample : I6489-10
Misc :
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Instrument : BNA_M
ClientSampleId : BE2Z0

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Quant Title : SVOA CALIBRATION

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

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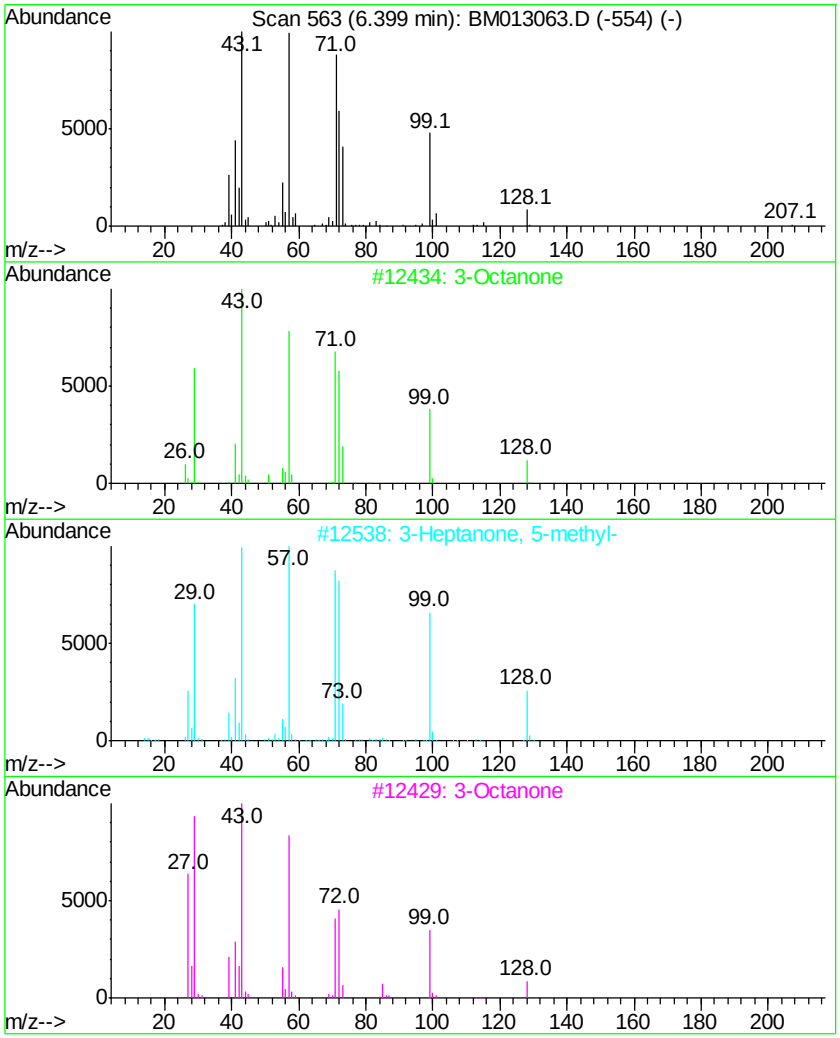
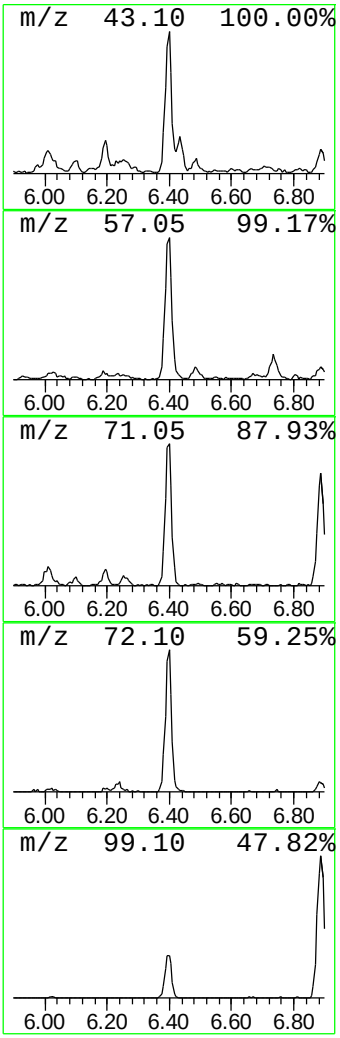
Peak Number 10 3-Octanone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	6.58 ng/ul	538072	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanone	128	C8H16O	000106-68-3	90
2	3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	87
3	3-Octanone	128	C8H16O	000106-68-3	64
4	3-Heptanone, 6-methyl-	128	C8H16O	000624-42-0	58
5	3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	58





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ClientSampleId : BE2Z0

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Quant Title : SVOA CALIBRATION

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

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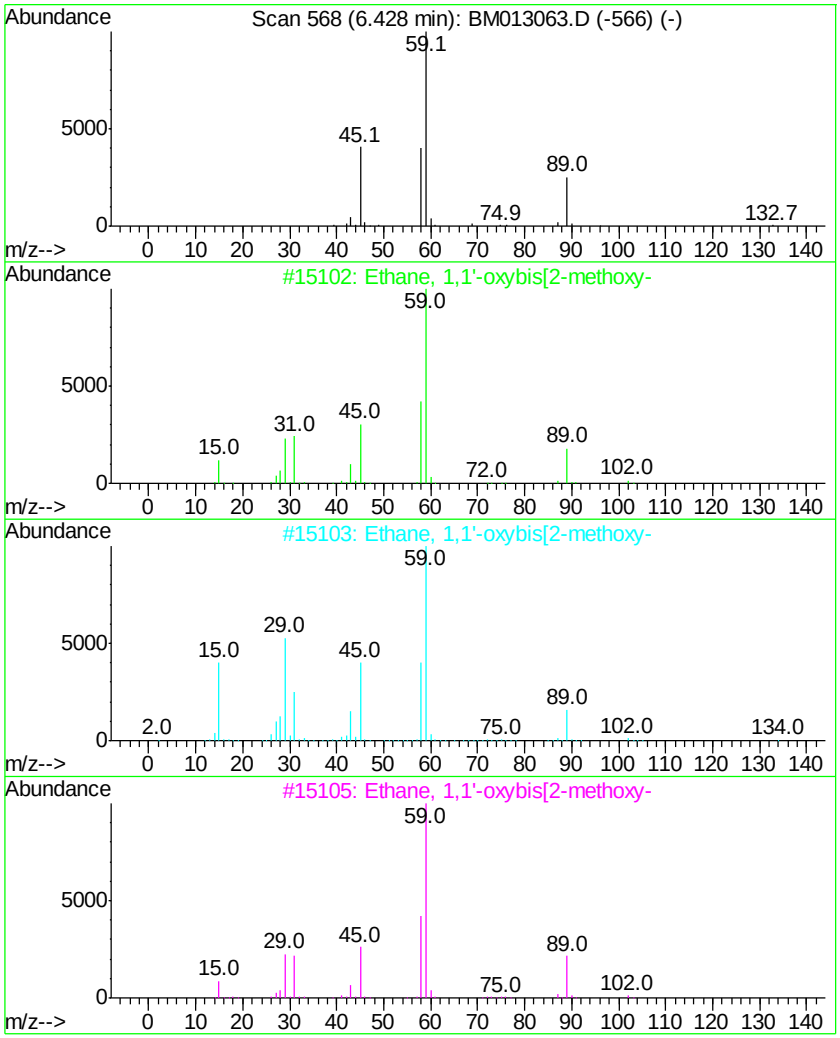
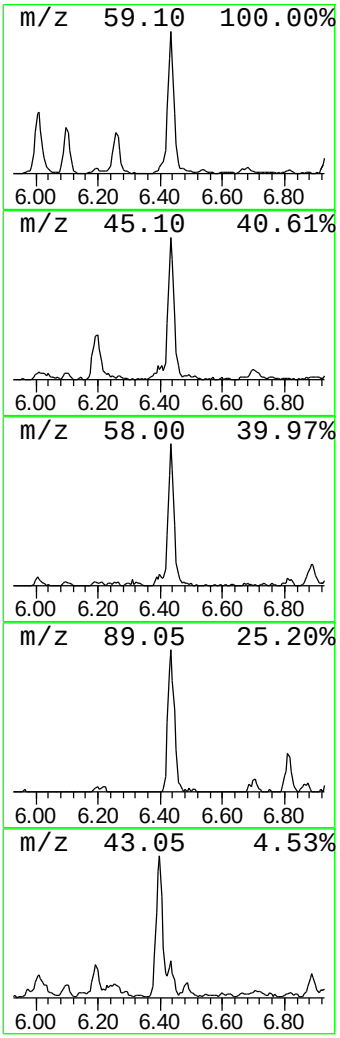
Peak Number 11 Ethane, 1,1'-oxybis[2-methoxy- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	3.14 ng/ul	257134	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1'-oxybis[2-methoxy-	134	C6H14O3	000111-96-6	83
2	Ethane, 1,1'-oxybis[2-methoxy-	134	C6H14O3	000111-96-6	78
3	Ethane, 1,1'-oxybis[2-methoxy-	134	C6H14O3	000111-96-6	72
4	Ethane, 1,1'-oxybis[2-methoxy-	134	C6H14O3	000111-96-6	64
5	Ethanedioic acid, dimethyl ester	118	C4H6O4	000553-90-2	40





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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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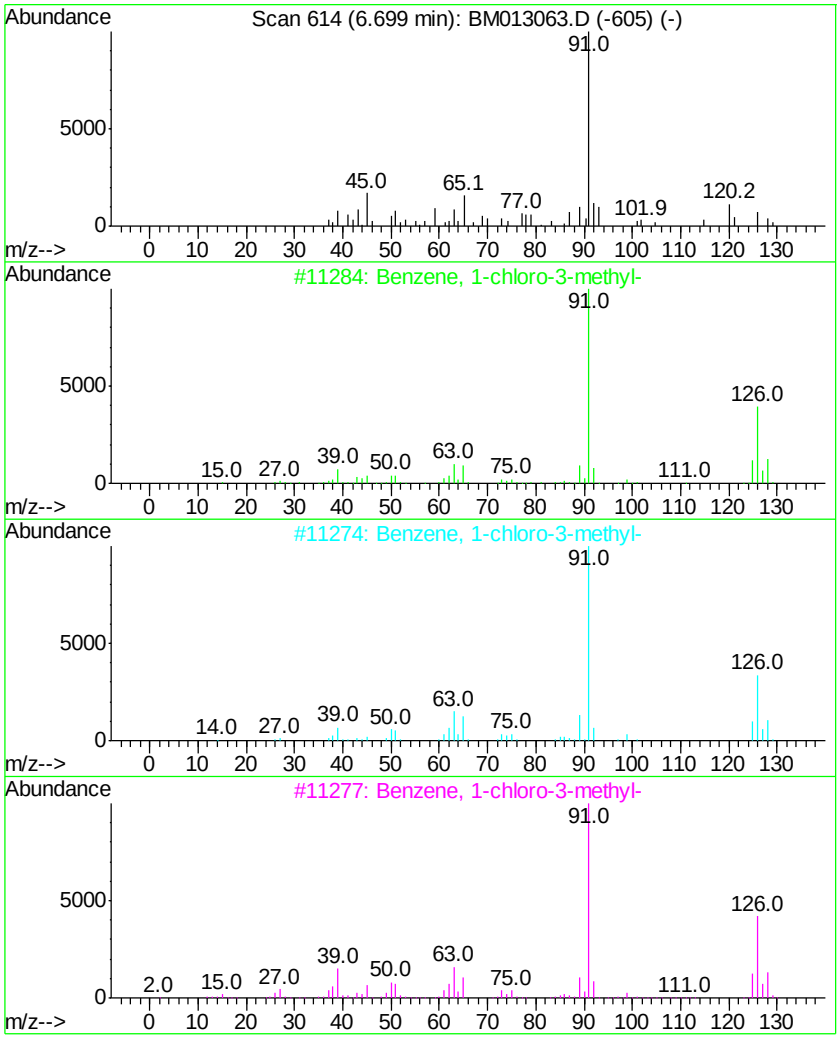
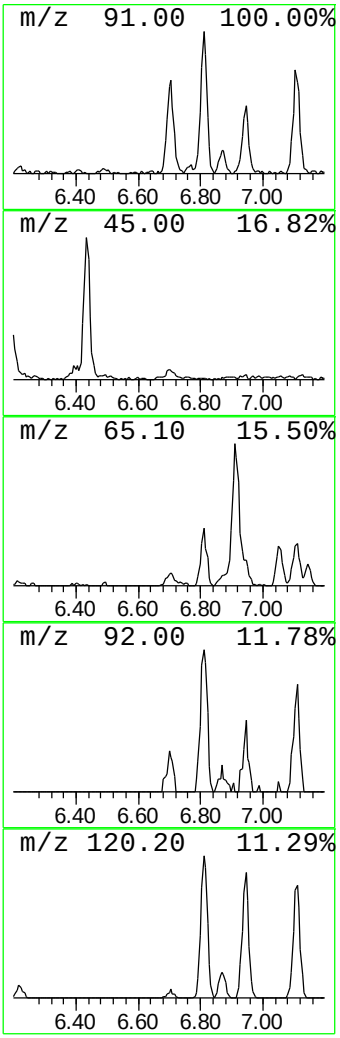
Peak Number 12 Benzene, 1-chloro-3-methyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	2.36 ng/ul	193115	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	58
2	Benzene, 1-chloro-3-methyl-	126	C7H7Cl	000108-41-8	58
3	Benzene, 1-chloro-3-methyl-	126	C7H7Cl	000108-41-8	52
4	Benzyl chloride	126	C7H7Cl	000100-44-7	49
5	Benzene, propyl-	120	C9H12	000103-65-1	49





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Sample : I6489-10
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Quant Title : SVOA CALIBRATION

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

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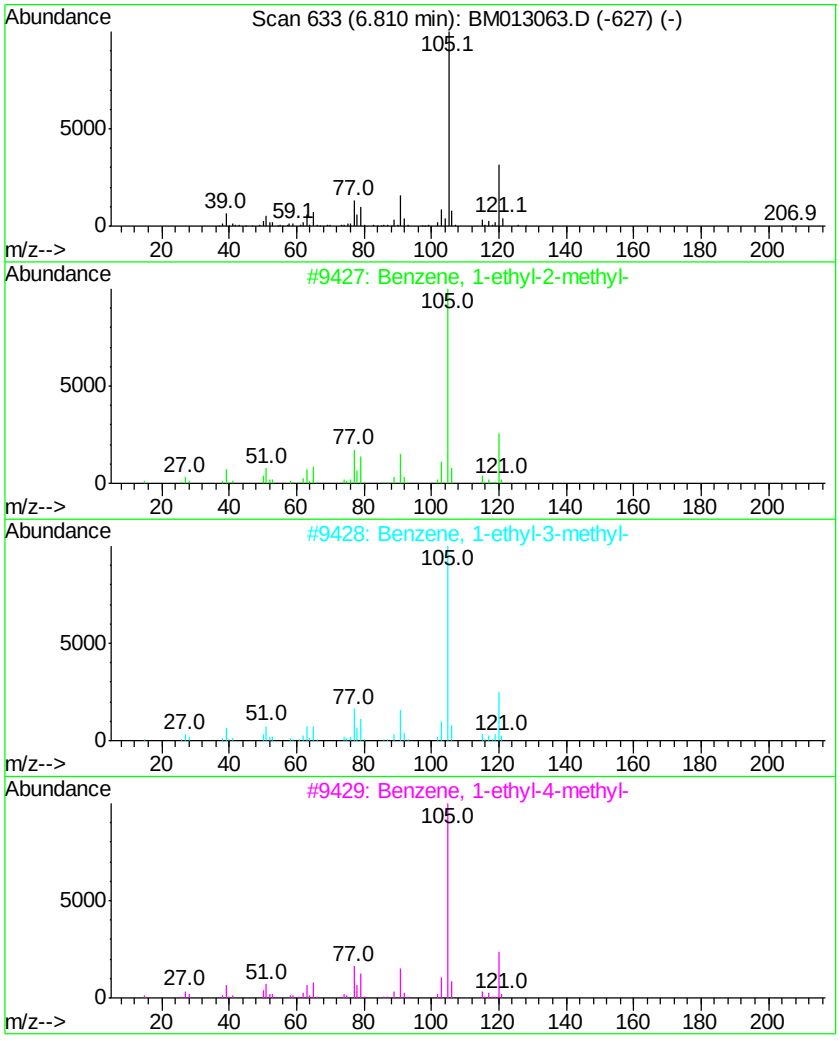
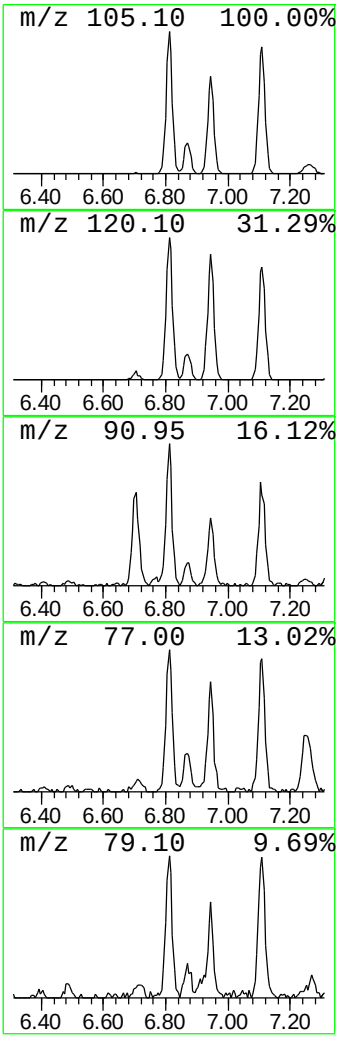
Peak Number 13 Benzene, 1-ethyl-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.81	7.45 ng/ul	609404	1,4-Dichlorobenzene-d4	7.72

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-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





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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 Benzene, 1,2,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.36	18.33 ng/ul	1499410	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	93
3	Mesitylene	120	C9H12	000108-67-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
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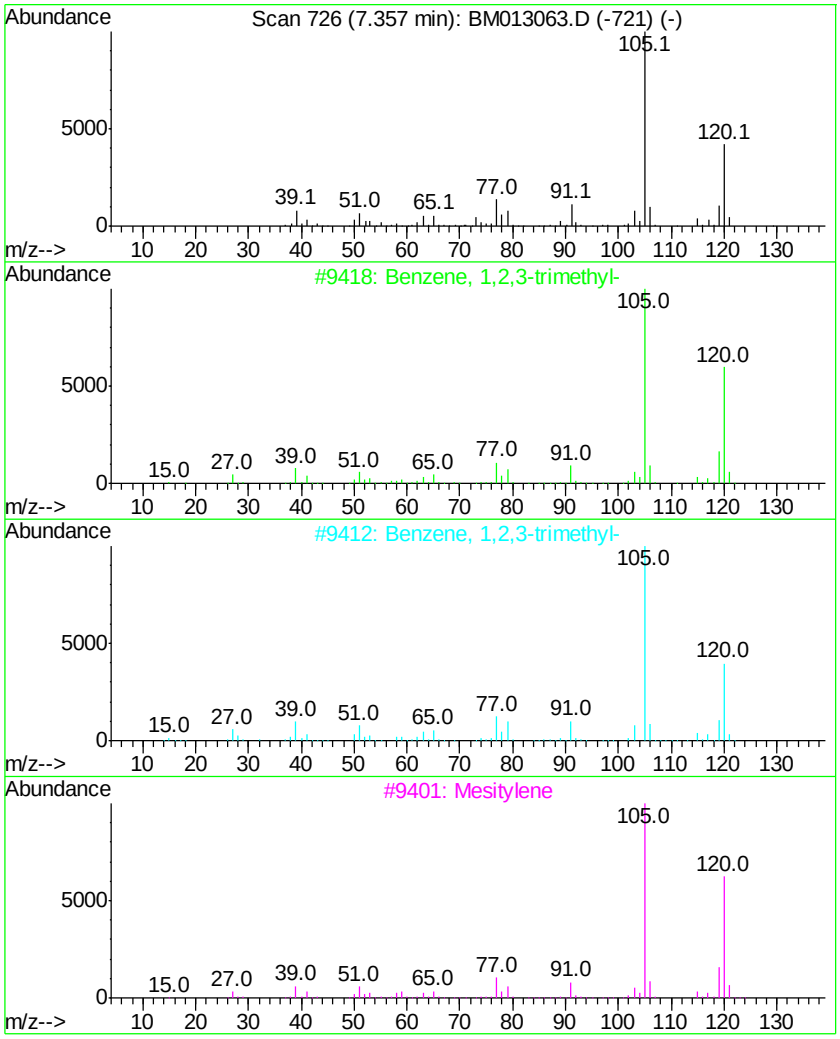

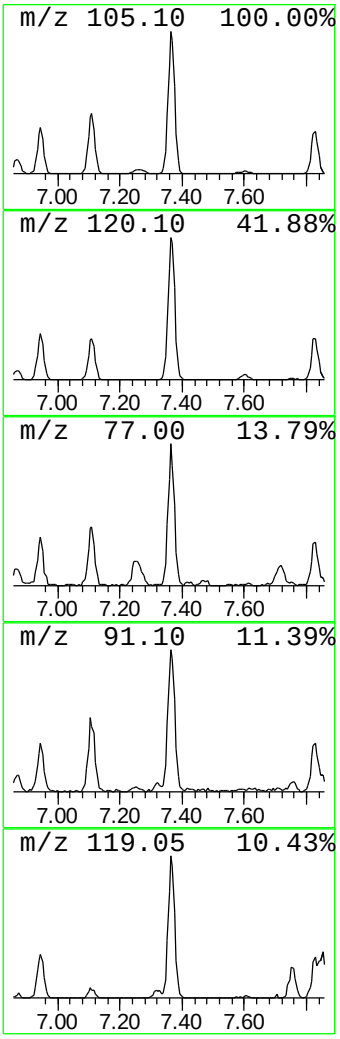

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Quant Title : SVOA CALIBRATION

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

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Peak Number 15 Benzene, 1,2,4-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	6.47 ng/ul	529553	1,4-Dichlorobenzene-d4	7.72

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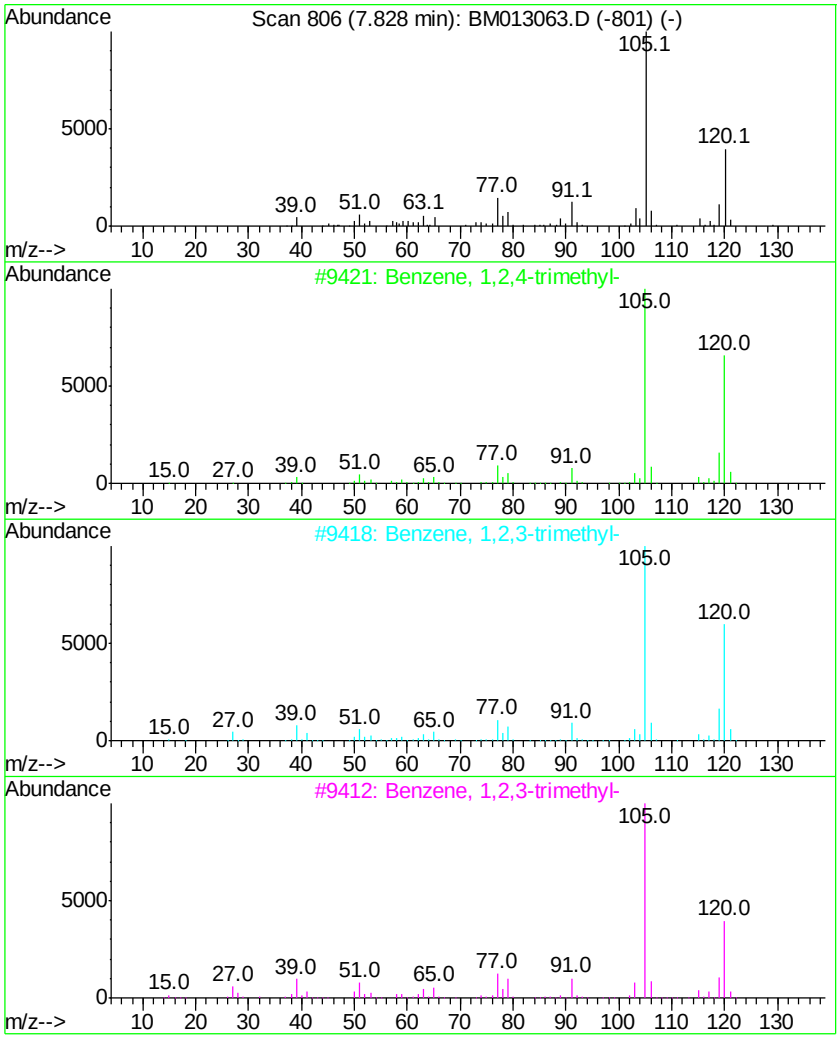

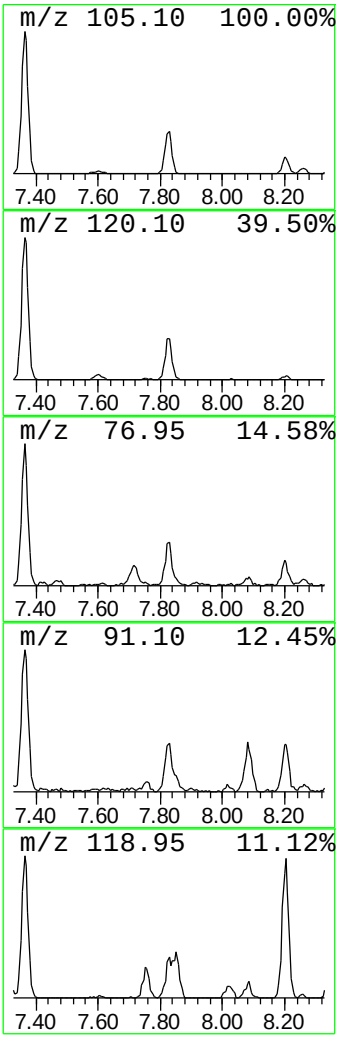

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ClientSampleId : BE2Z0

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Quant Title : SVOA CALIBRATION

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

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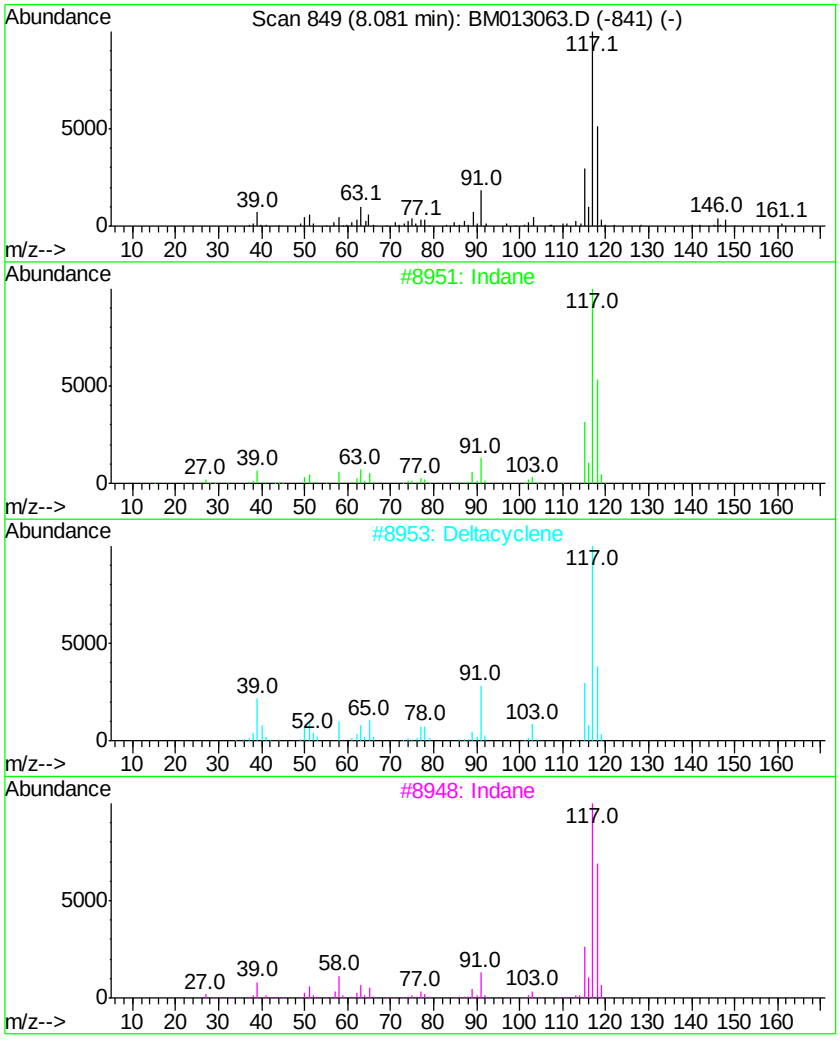
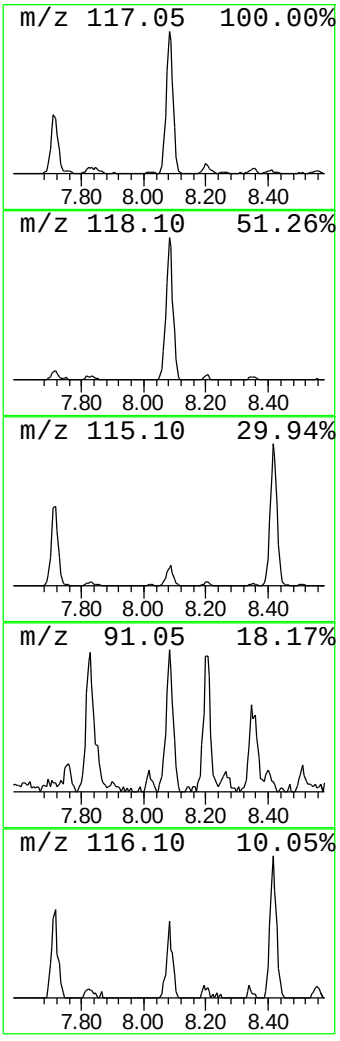
Peak Number 16 Indane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.08	6.03 ng/ul	493508	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Deltacyclene	118	C9H10	007785-10-6	76
3	Indane	118	C9H10	000496-11-7	74
4	Indane	118	C9H10	000496-11-7	60
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	55





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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 17 Benzene, 1,2-diethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	3.51 ng/ul	286779	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	97
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
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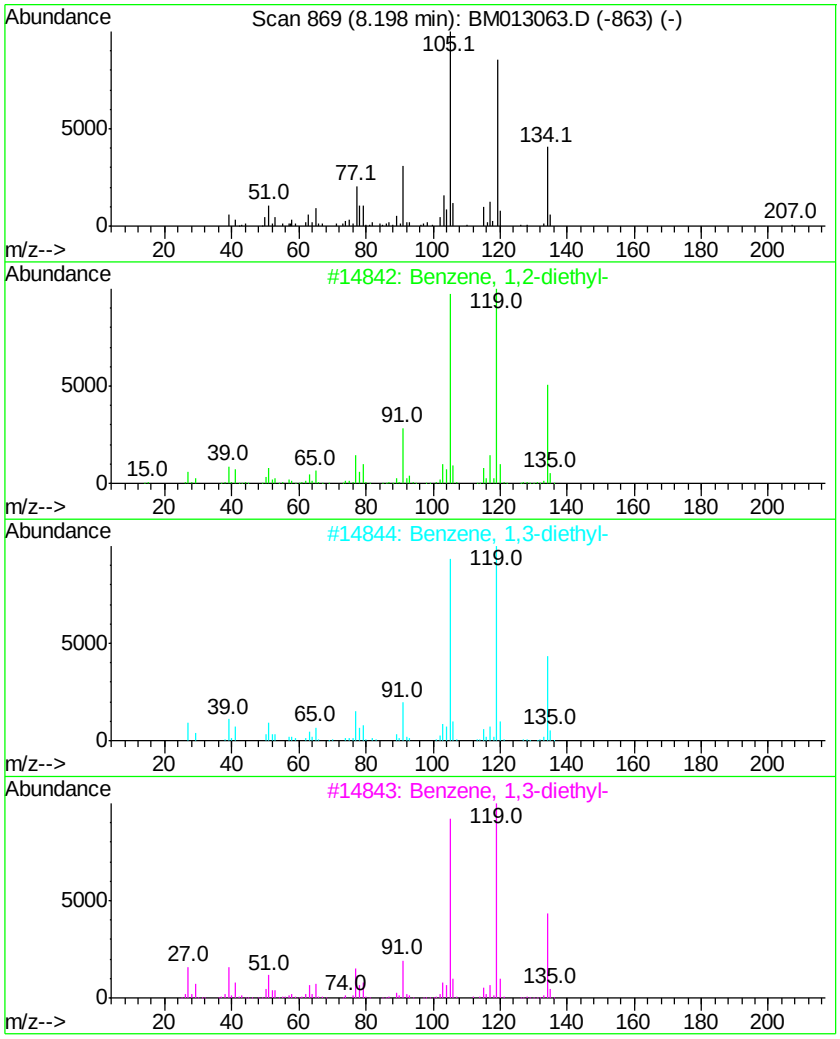

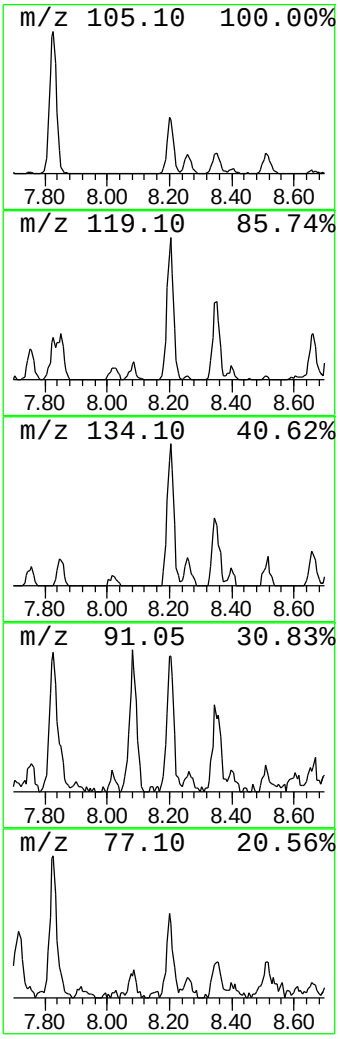

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Quant Title : SVOA CALIBRATION

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

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Peak Number 18 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	4.95 ng/ul	405235	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	81
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	81
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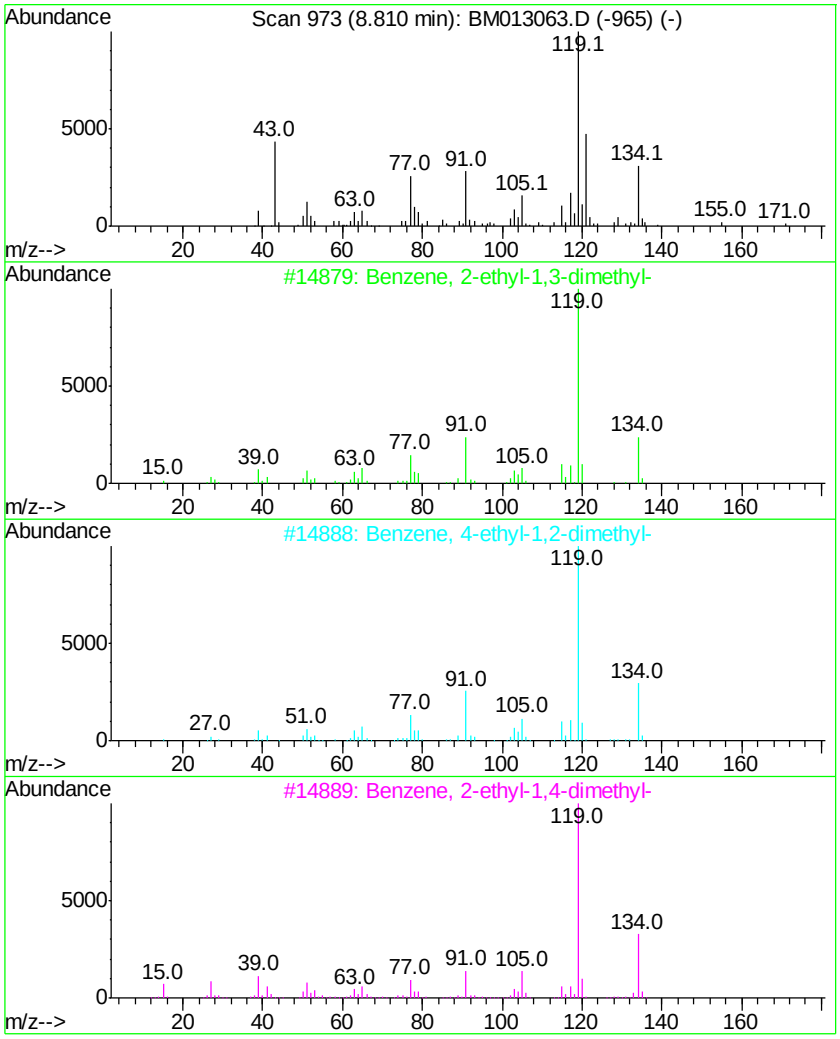

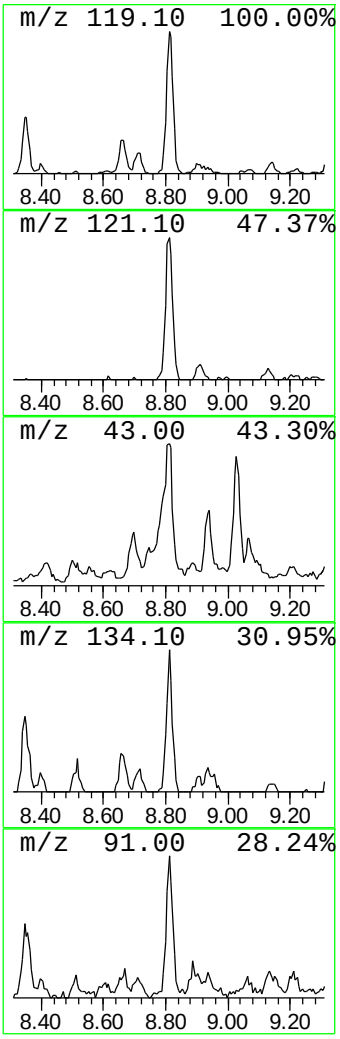

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Quant Title : SVOA CALIBRATION

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

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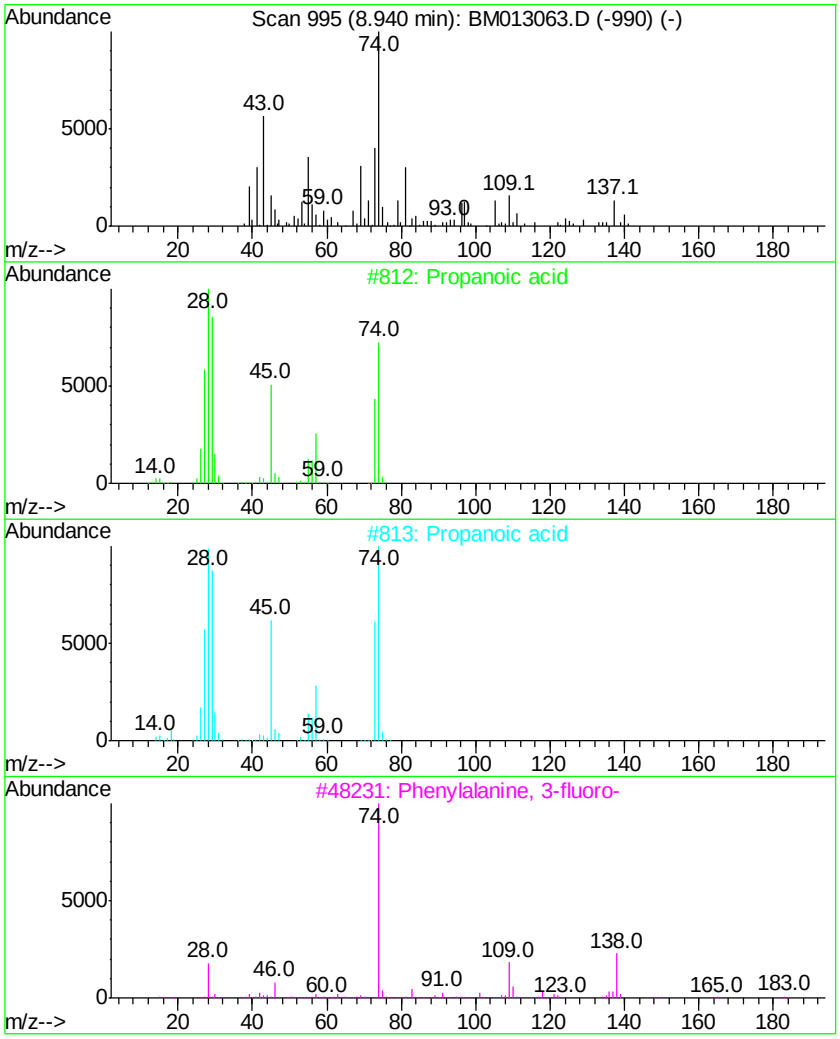
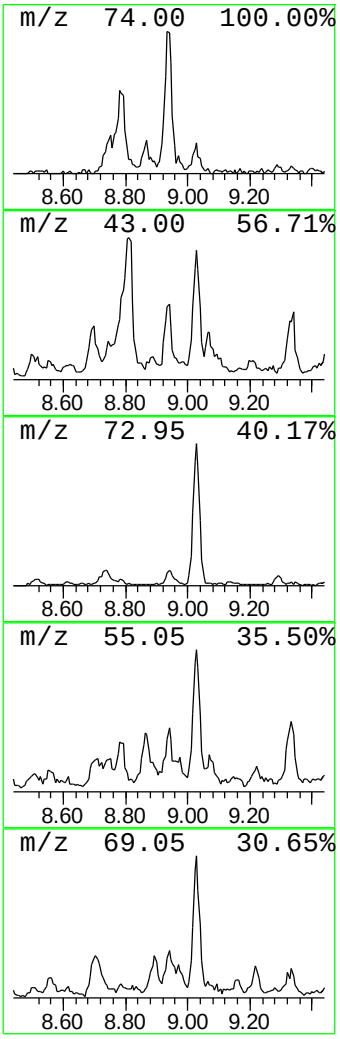
Peak Number 19 Propanoic acid Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.94	4.29 ng/ul	350510	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid	74	C3H6O2	000079-09-4	50
2	Propanoic acid	74	C3H6O2	000079-09-4	47
3	Phenylalanine, 3-fluoro-	183	C9H10FNO2	000456-88-2	40
4	Pentanoic acid, 2-methyl-, butyl...	172	C10H20O2	006297-41-2	38
5	1,2,3,4-Hexadecanetetrol, [2R-(2...	290	C16H34O4	136953-06-5	38





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Quant Title : SVOA CALIBRATION

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

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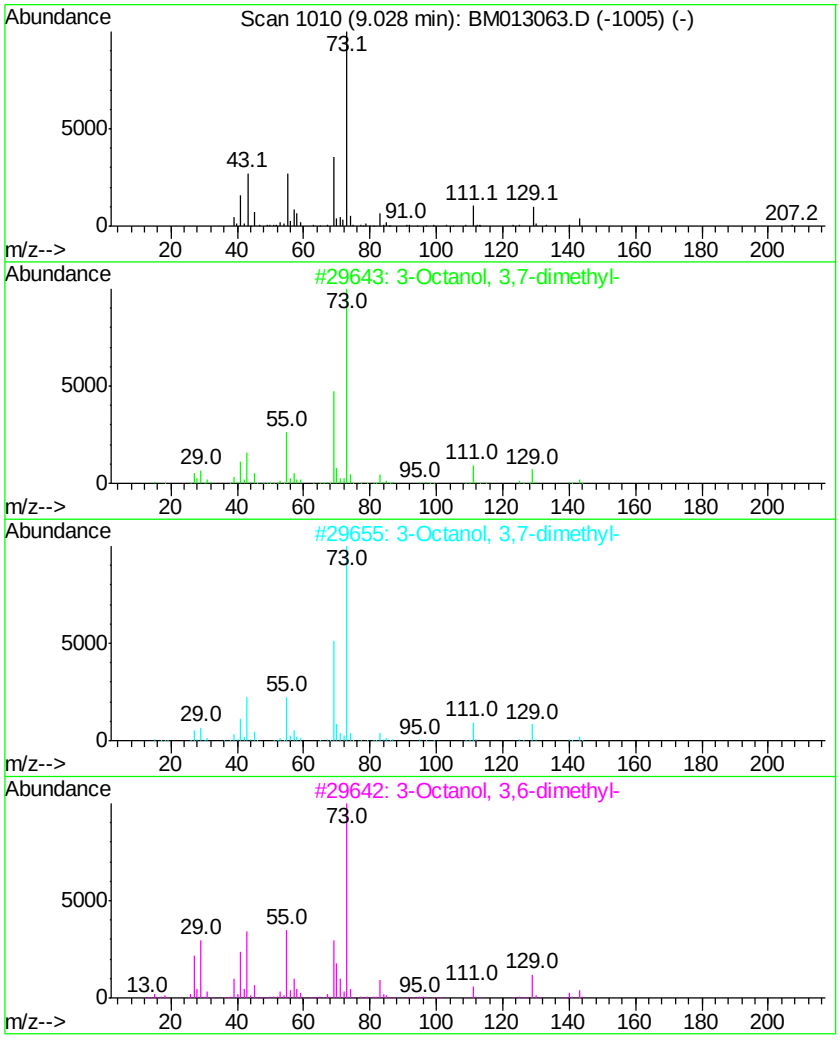
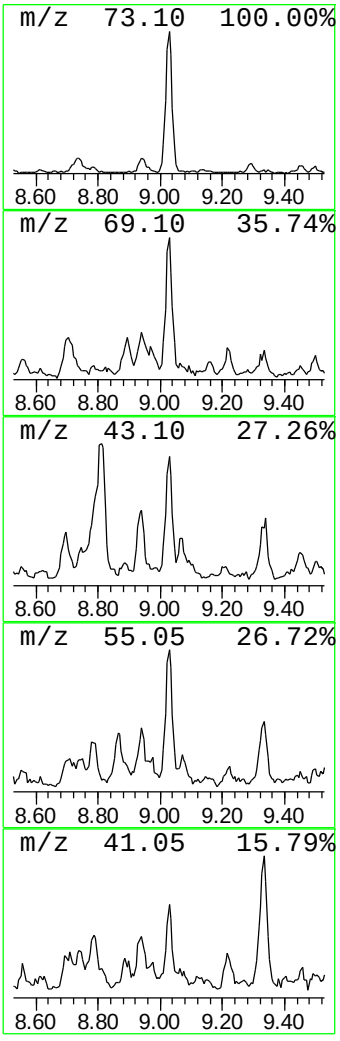
Peak Number 20 3-Octanol, 3,7-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.03	4.53 ng/ul	370722	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	78
2	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	74
3	3-Octanol, 3,6-dimethyl-	158	C10H22O	000151-19-9	40
4	Isopropyl 5,11-dihydroxy-3,7,11-...	314	C18H34O4	1000223-34-1	28
5	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	28





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Quant Title : SVOA CALIBRATION

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

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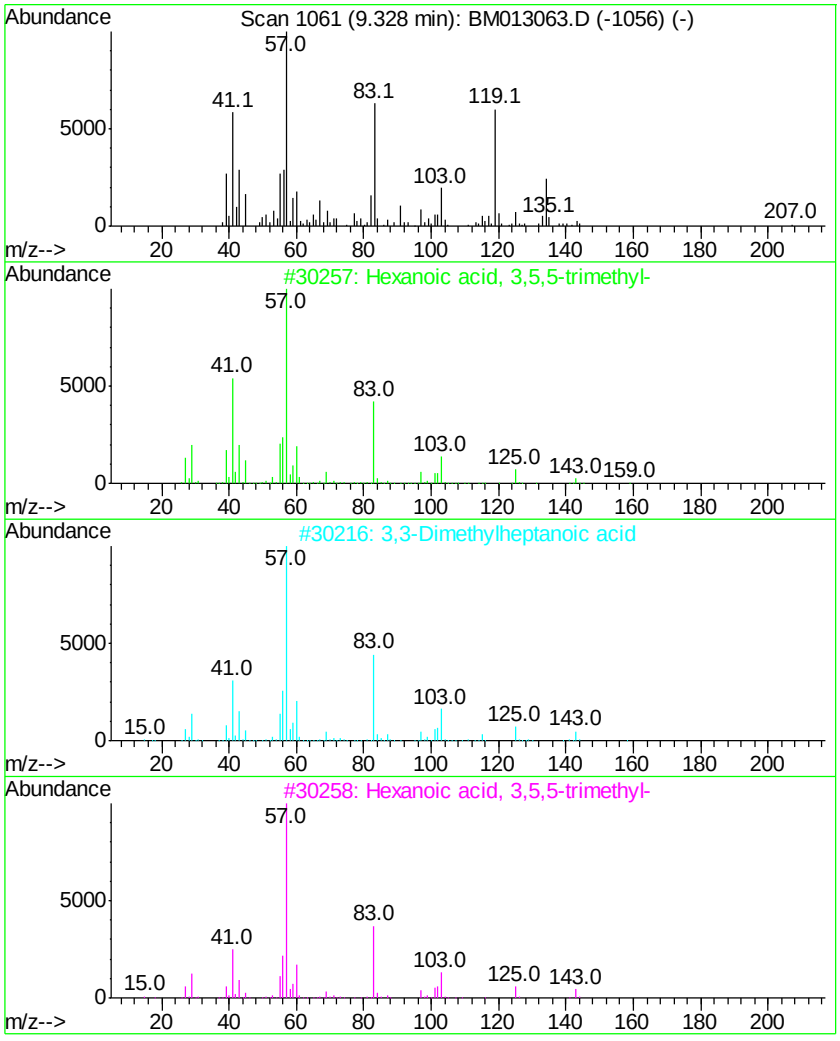
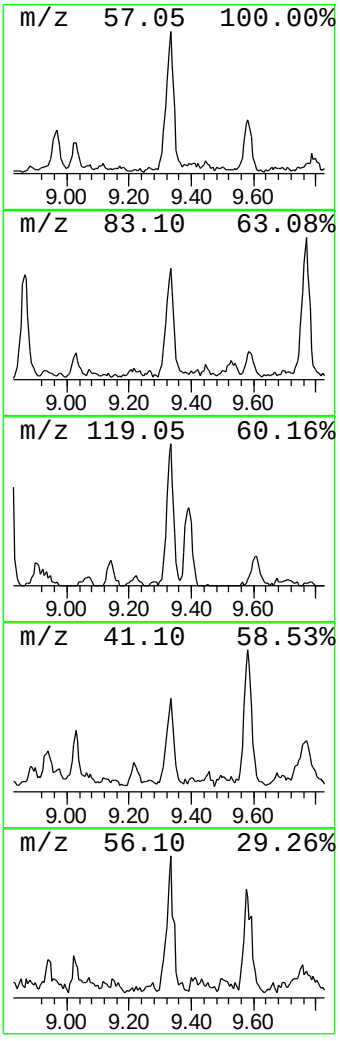
Peak Number 21 Hexanoic acid, 3,5,5-trimet... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	4.28 ng/ul	484440	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 3,5,5-trimethyl-	158	C9H18O2	003302-10-1	52
2	3,3-Dimethylheptanoic acid	158	C9H18O2	067061-30-7	43
3	Hexanoic acid, 3,5,5-trimethyl-	158	C9H18O2	003302-10-1	38
4	Hexanoic acid, 3,5,5-trimethyl-	158	C9H18O2	003302-10-1	38
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	25





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Operator : SJ/JU
Sample : I6489-10
Misc :
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Instrument : BNA_M
ClientSampleId : BE2Z0

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Quant Title : SVOA CALIBRATION

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

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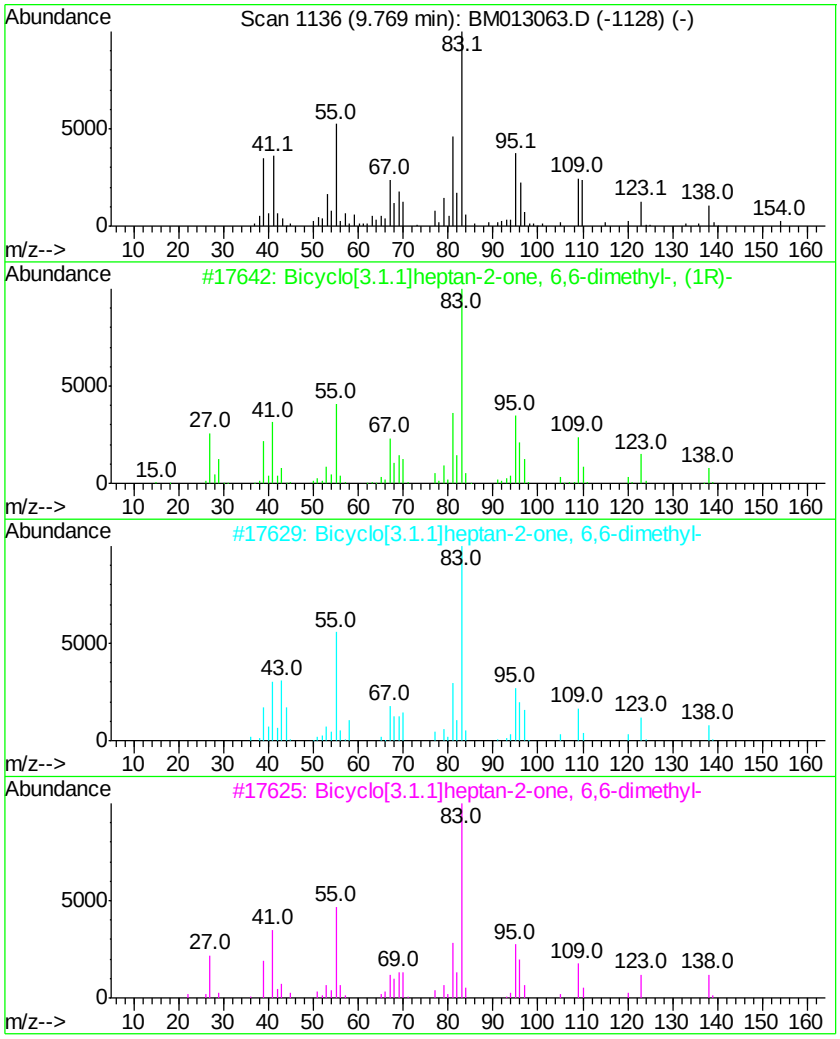
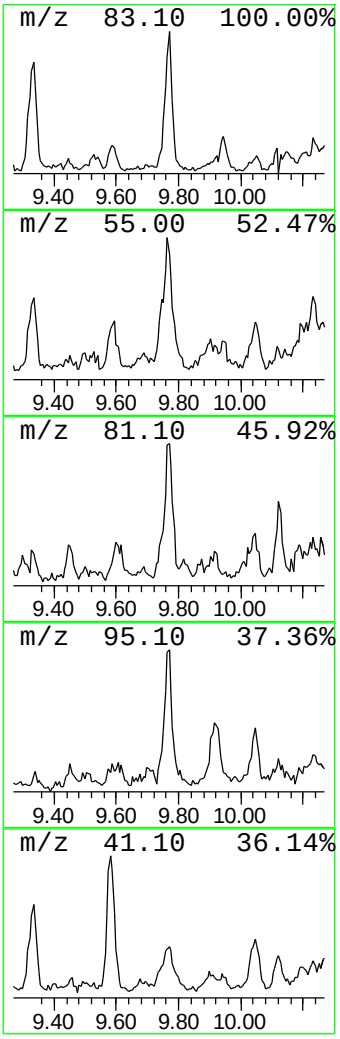
Peak Number 22 Bicyclo[3.1.1]heptan-2-one,... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	5.52 ng/ul	625405	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptan-2-one, 6,6-...	138	C9H14O	038651-65-9	90
2	Bicyclo[3.1.1]heptan-2-one, 6,6-...	138	C9H14O	024903-95-5	83
3	Bicyclo[3.1.1]heptan-2-one, 6,6-...	138	C9H14O	024903-95-5	81
4	1,6-Octadiene, 5,7-dimethyl-, (R)-	138	C10H18	085006-04-8	59
5	N-Methoxy-2-carbomenthyloxyaziri...	255	C14H25NO3	060999-67-9	47





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ClientSampleId : BE2Z0

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Quant Title : SVOA CALIBRATION

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

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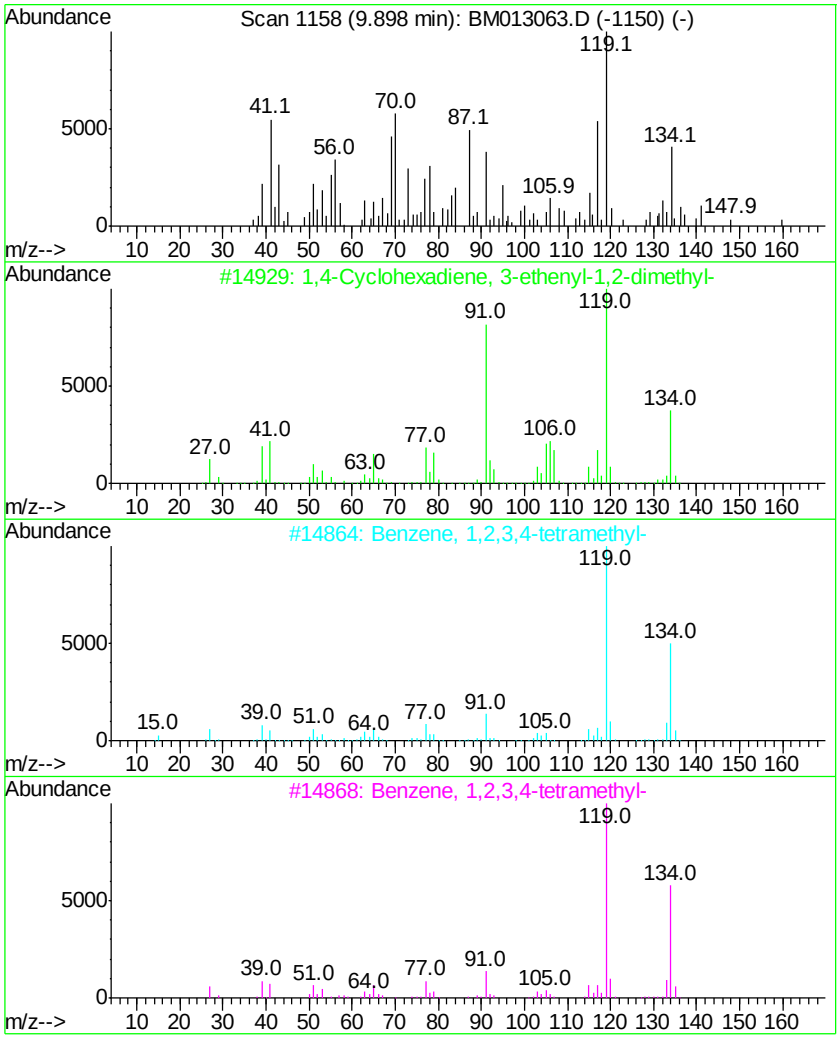
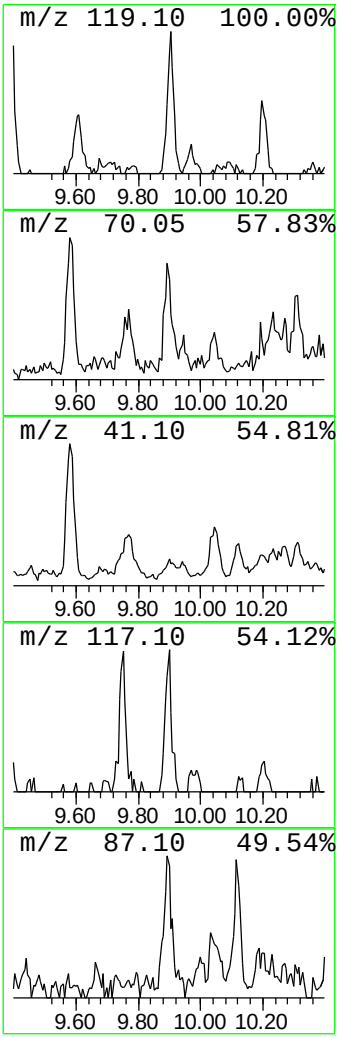
Peak Number 23 unknown-01 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	3.45 ng/ul	390997	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Cyclohexadiene, 3-ethenyl-1,...	134	C10H14	062338-57-2	41
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	38
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	38
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	38
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	38





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Quant Title : SVOA CALIBRATION

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

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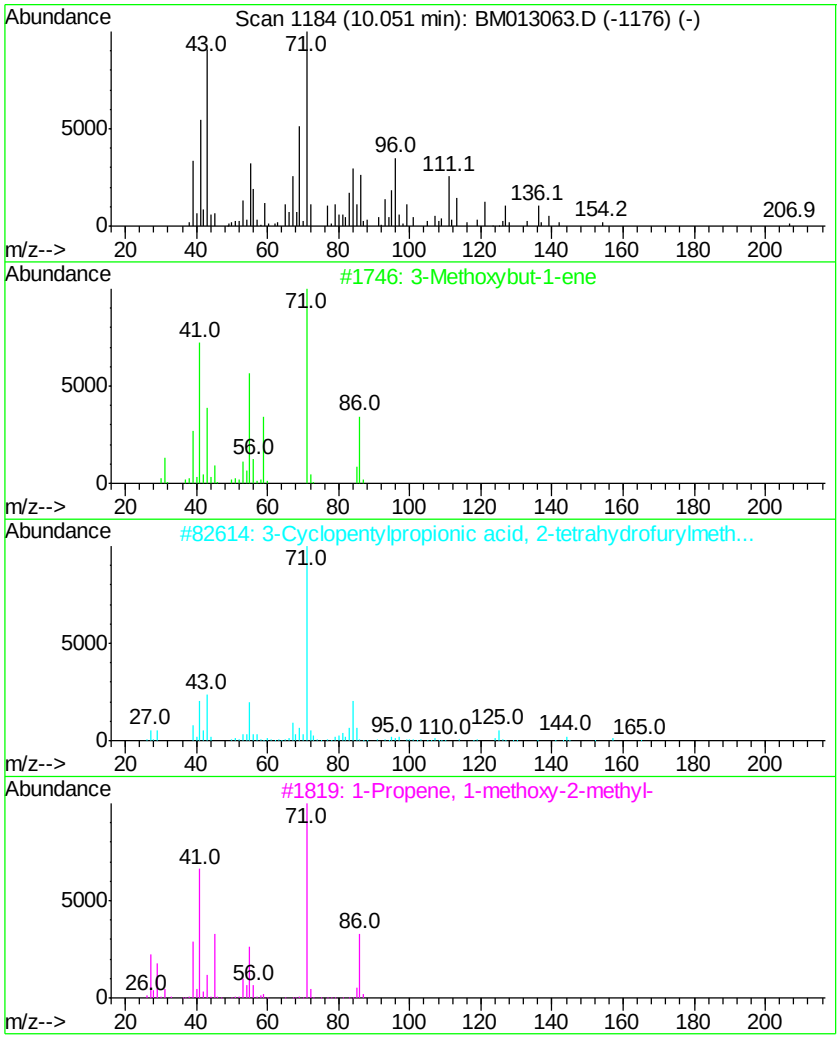
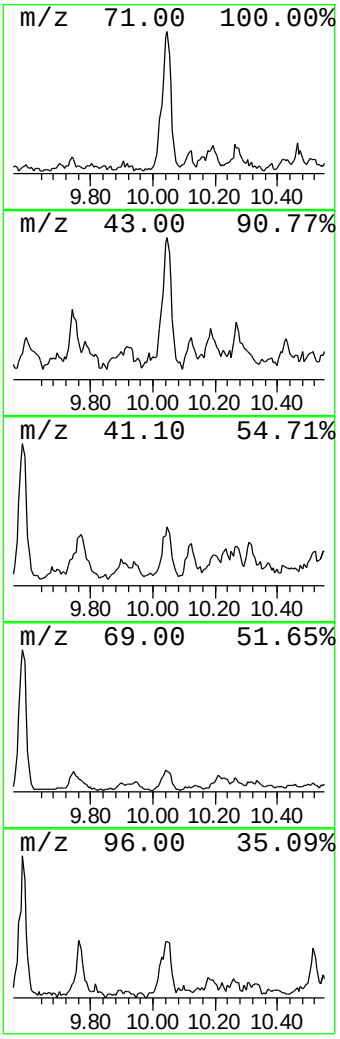
Peak Number 24 unknown-02 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.05	3.53 ng/ul	400267	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methoxybut-1-ene	86	C5H10O	017351-24-5	43
2	3-Cyclopentylpropionic acid, 2-t...	226	C13H22O3	1000293-46-9	43
3	1-Propene, 1-methoxy-2-methyl-	86	C5H10O	017574-84-4	43
4	1-Propene, 3-methoxy-2-methyl-	86	C5H10O	022418-49-1	43
5	1-Butene, 1-methoxy-	86	C5H10O	029512-02-5	38





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Quant Title : SVOA CALIBRATION

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

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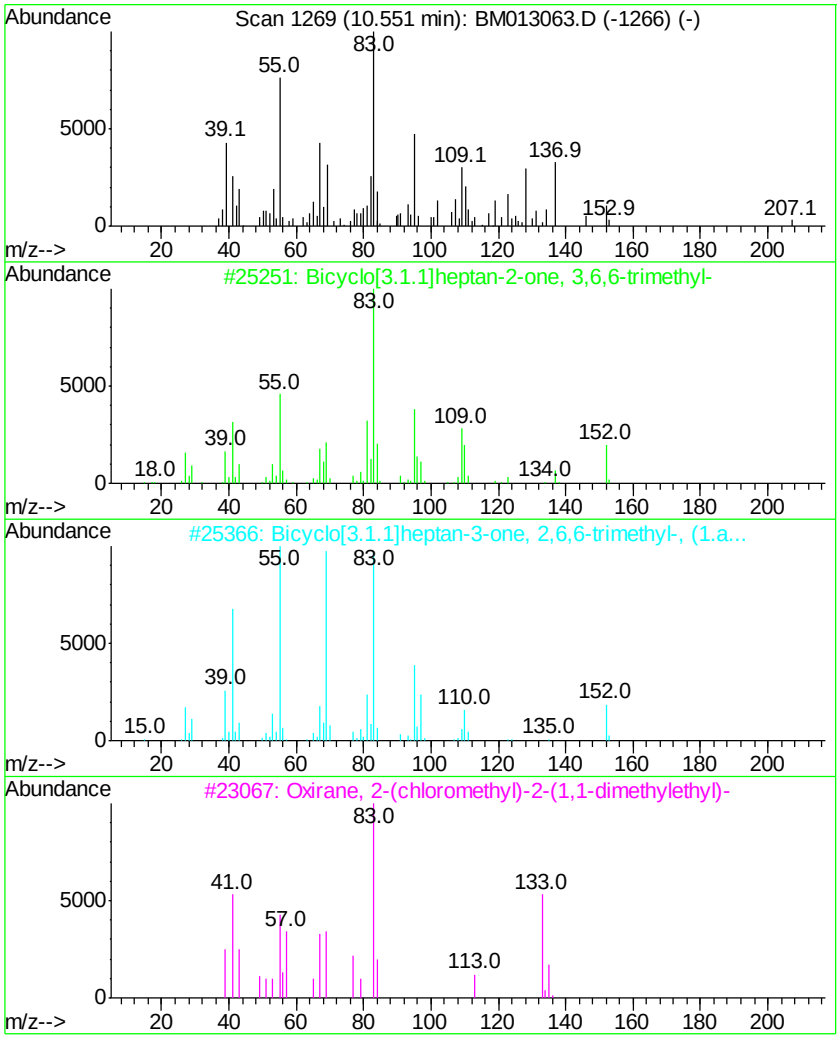
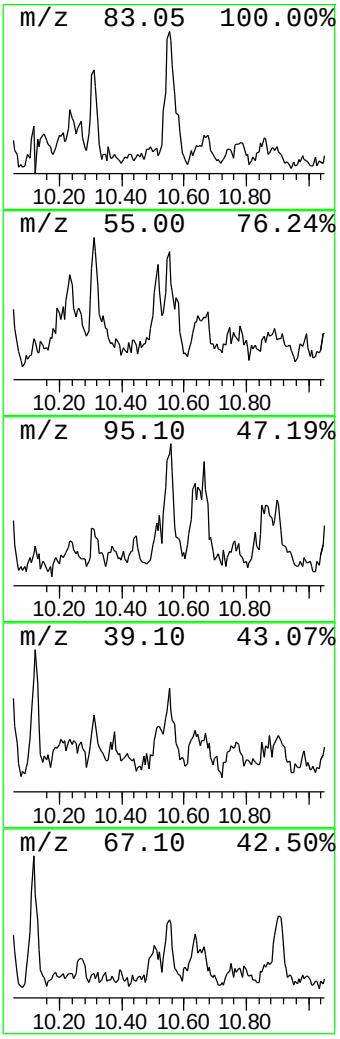
Peak Number 25 unknown-03 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	2.51 ng/ul	284221	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptan-2-one, 3,6,...	152	C10H16O	016022-08-5	45
2	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	37
3	Oxirane, 2-(chloromethyl)-2-(1,1...	148	C7H13ClO	121505-38-2	32
4	Cyclopentanecarboxylic acid, 3-m...	278	C18H30O2	1000152-25-8	32
5	Benzene, 2-chloro-1,4-bis(cycloh...	364	C20H25ClO4	294874-04-7	27





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Quant Title : SVOA CALIBRATION

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

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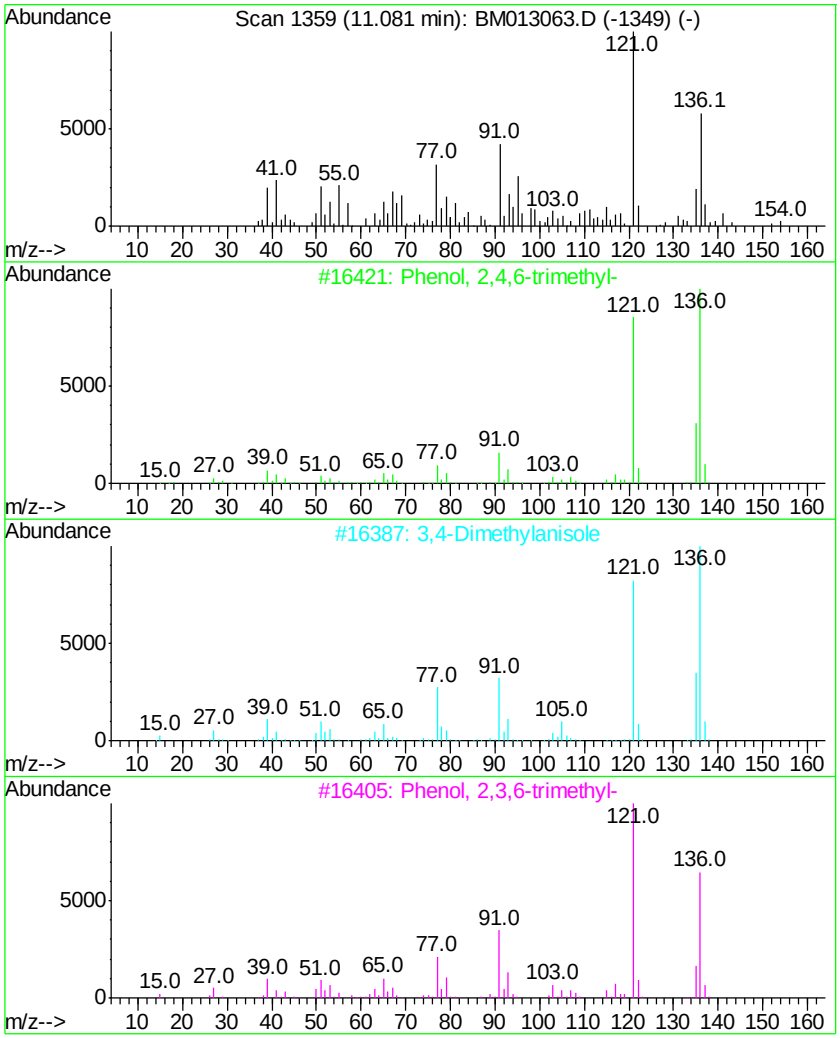
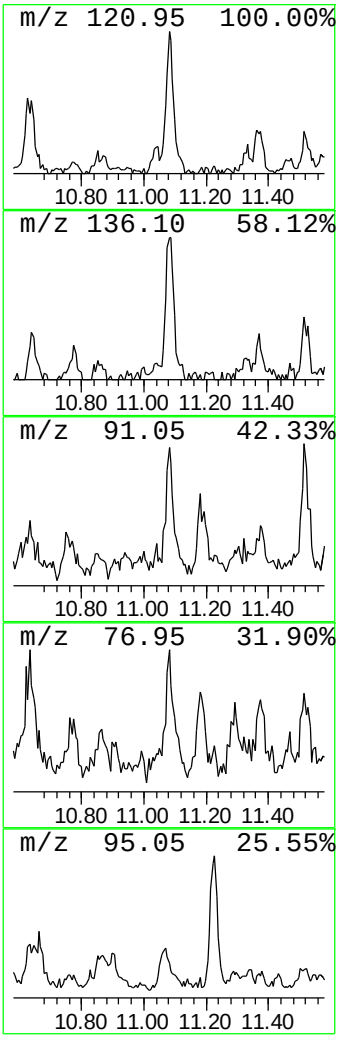
Peak Number 26 Phenol, 2,4,6-trimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	3.69 ng/ul	417503	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	70
2	3,4-Dimethylanisole	136	C9H12O	004685-47-6	70
3	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	68
4	2,4-Dimethylanisole	136	C9H12O	006738-23-4	64
5	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	64





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Quant Title : SVOA CALIBRATION

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

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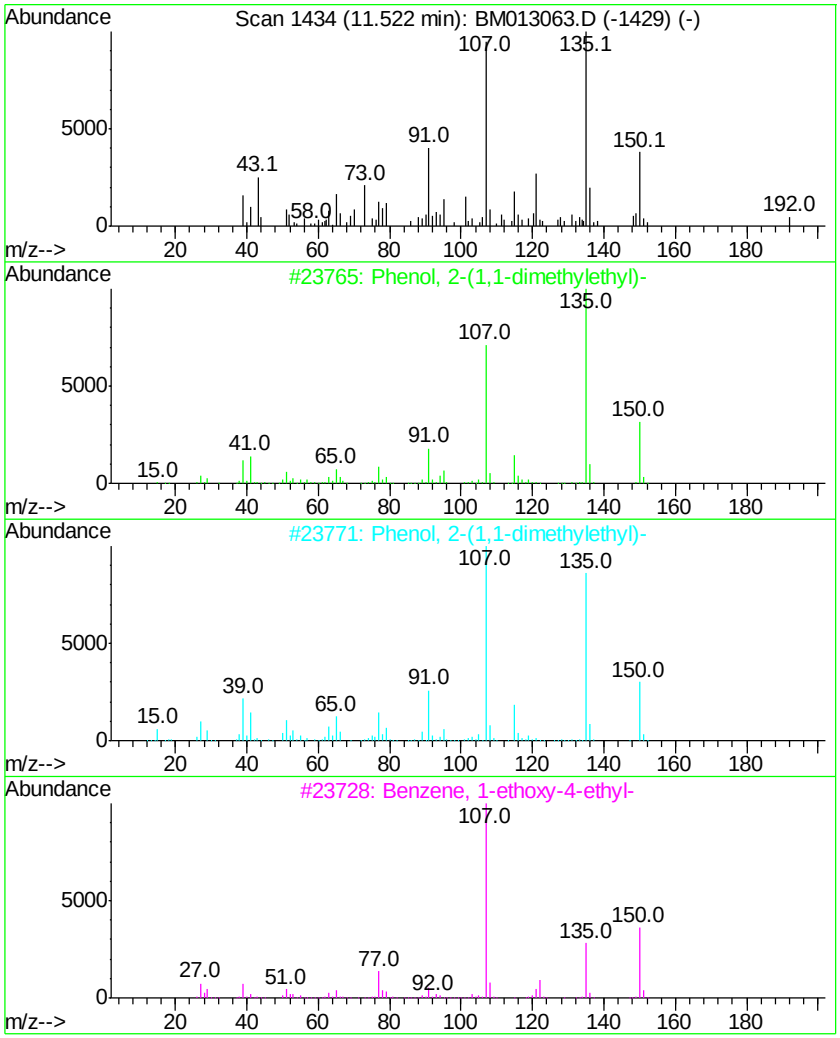
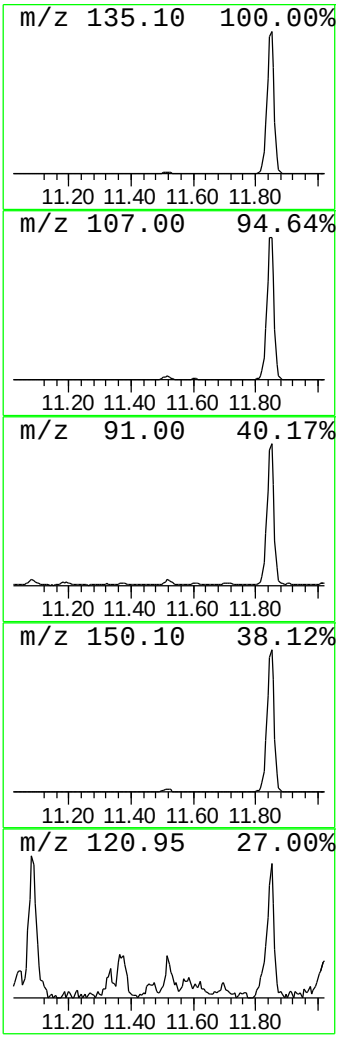
Peak Number 27 Phenol, 2-(1,1-dimethylethyl)- Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.52	2.09 ng/ul	236403	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	91
2	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	87
3	Benzene, 1-ethoxy-4-ethyl-	150	C10H14O	001585-06-4	47
4	4-Hydroxy-2-methylacetophenone	150	C9H10O2	000875-59-2	46
5	p-Cymen-7-ol	150	C10H14O	000536-60-7	46





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ClientSampleId : BE2Z0

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Quant Title : SVOA CALIBRATION

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

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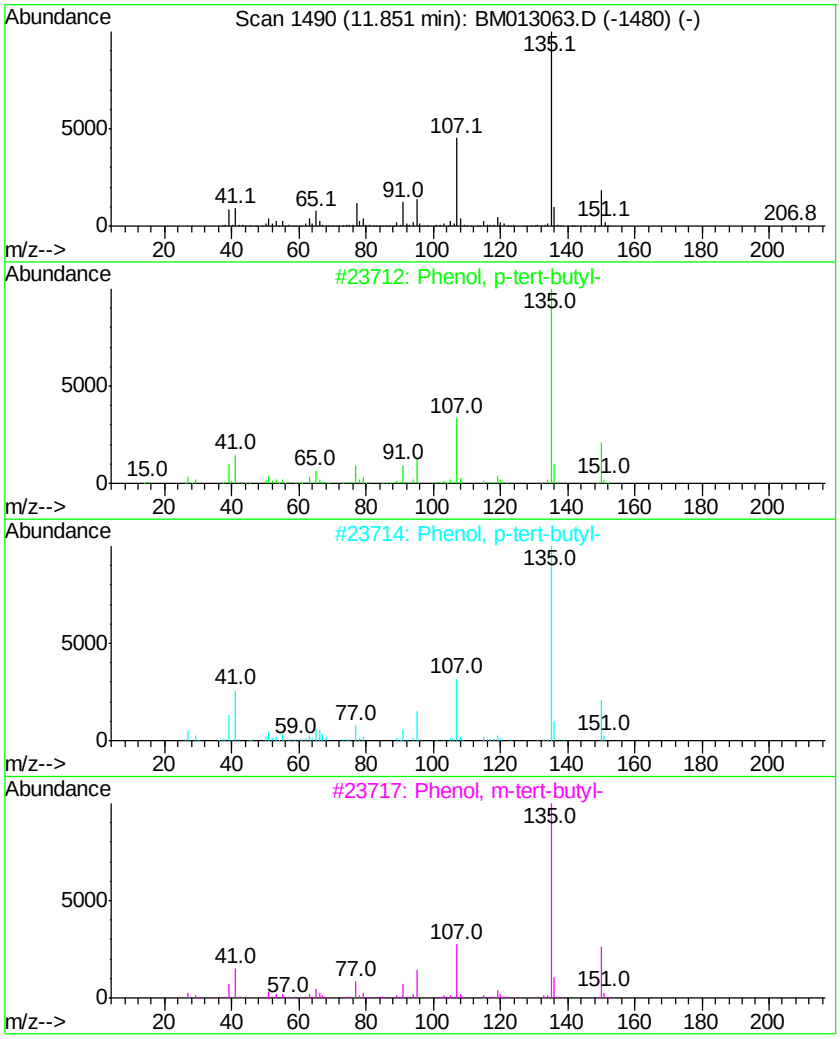
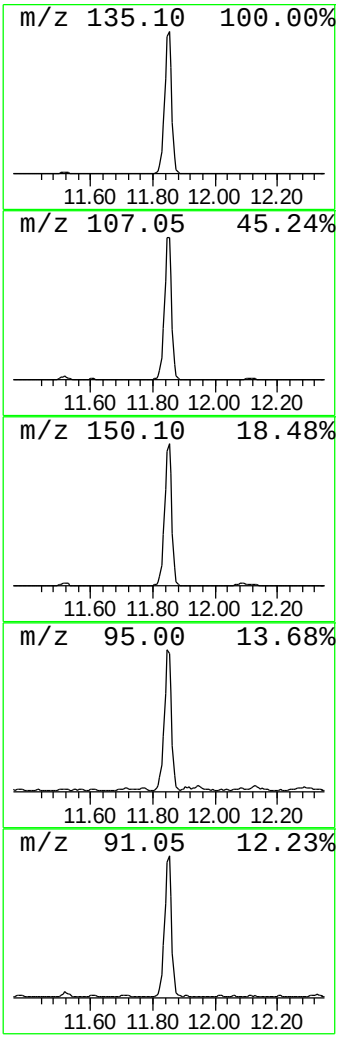
Peak Number 28 Phenol, p-tert-butyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	69.95 ng/ul	7924220	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	94
2	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	91
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	81
4	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	64
5	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	58





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Quant Title : SVOA CALIBRATION

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

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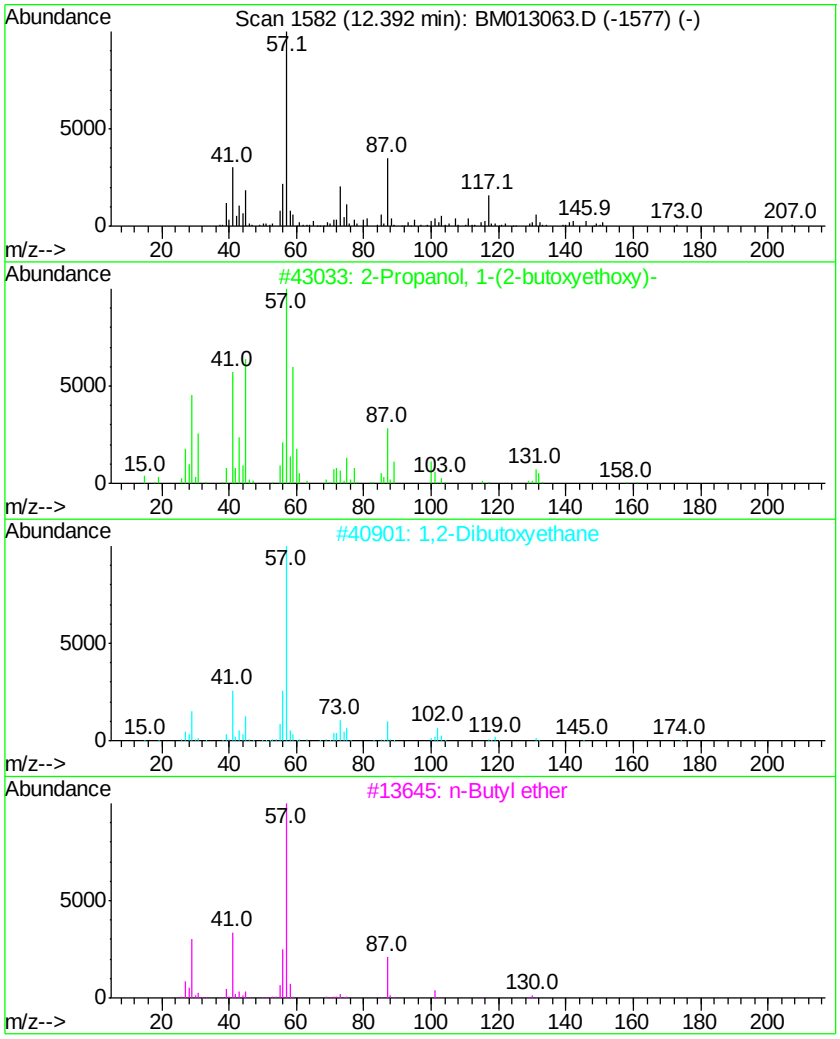
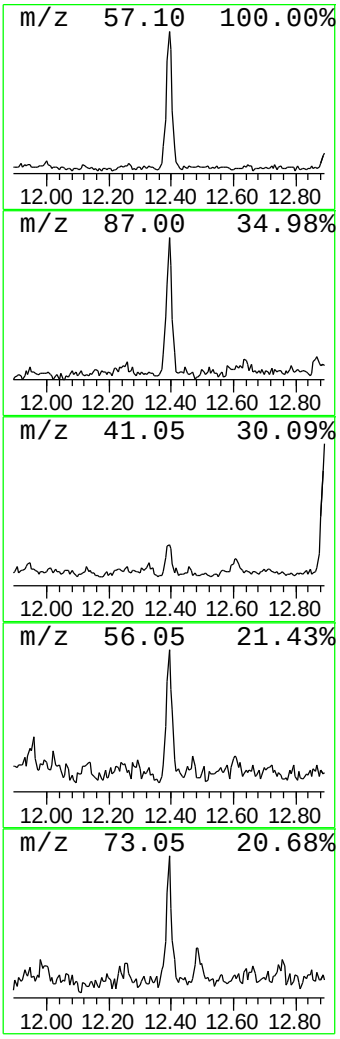
Peak Number 29 unknown-04 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	2.36 ng/ul	267025	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-butoxyethoxy)-	176	C9H20O3	000124-16-3	40
2	1,2-Dibutoxyethane	174	C10H22O2	000112-48-1	40
3	n-Butyl ether	130	C8H18O	000142-96-1	38
4	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	27
5	3-Pentanol, 3-(1,1-dimethylethyl...	200	C13H28O	041902-42-5	27





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Quant Title : SVOA CALIBRATION

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

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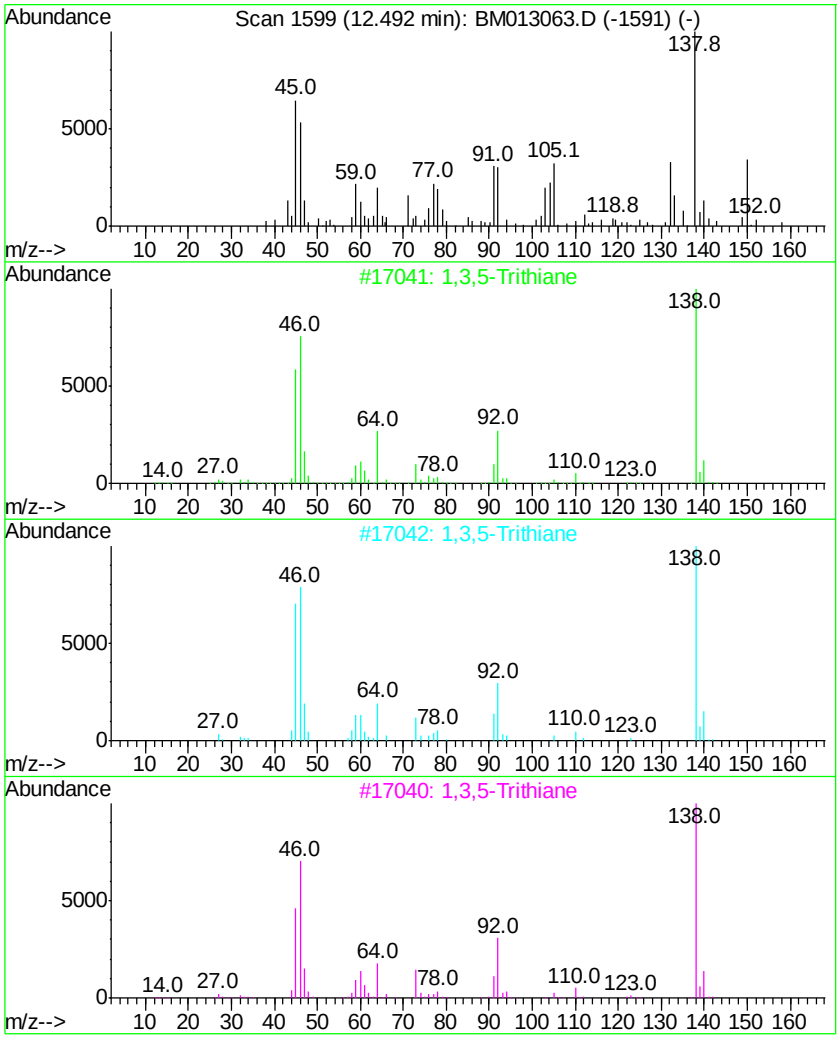
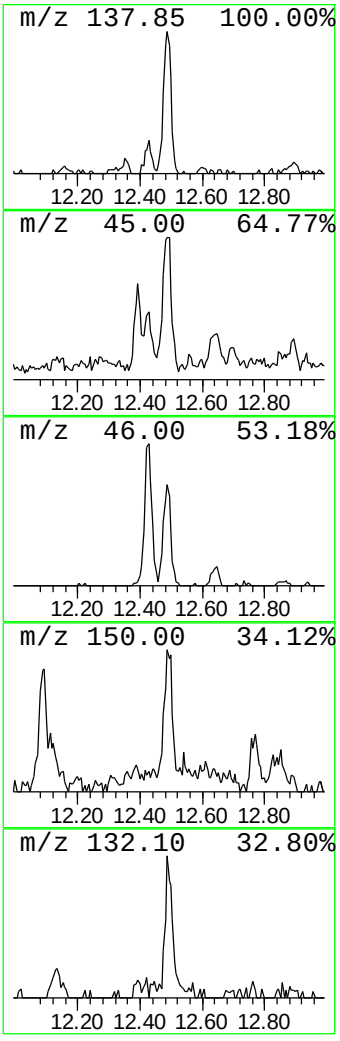
Peak Number 30 1,3,5-Trithiane Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	2.17 ng/ul	309018	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Trithiane	138	C3H6S3	000291-21-4	83
2	1,3,5-Trithiane	138	C3H6S3	000291-21-4	76
3	1,3,5-Trithiane	138	C3H6S3	000291-21-4	52
4	1-Butyne, 1,1'-thiobis-	138	C8H10S	014453-82-8	27
5	Gephyrotoxin 207a	207	C14H25N	141724-48-3	27





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

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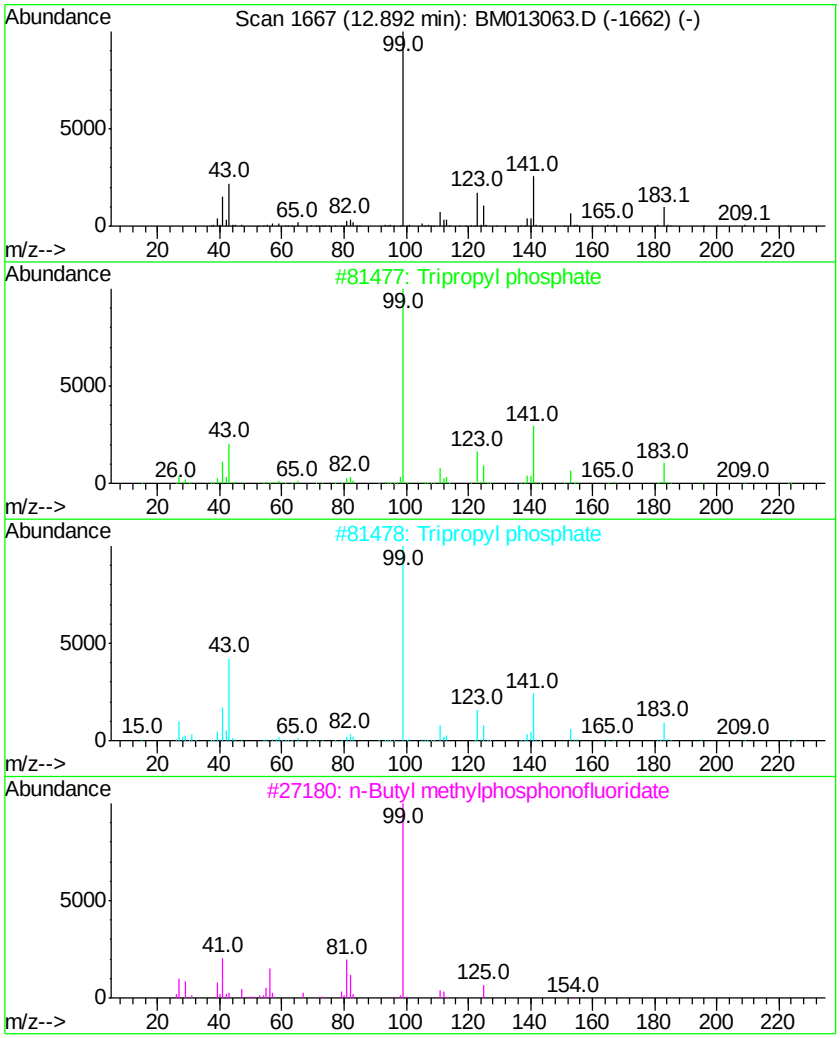
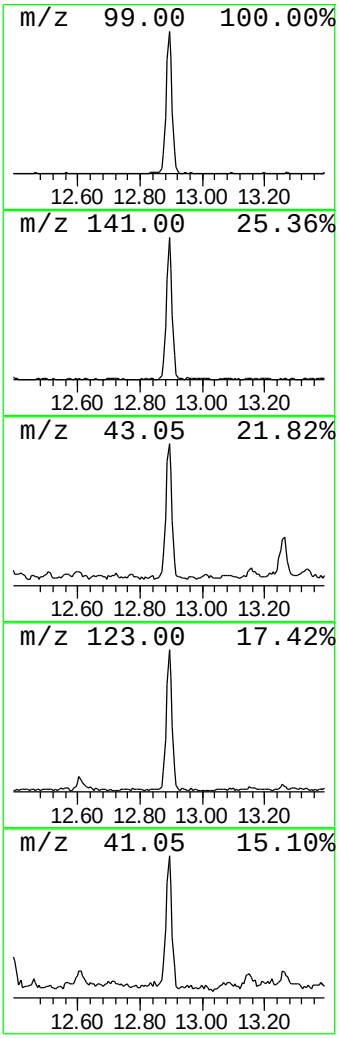
Peak Number 31 Tripropyl phosphate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	8.63 ng/ul	1231740	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tripropyl phosphate	224	C9H21O4P	000513-08-6	90
2	Tripropyl phosphate	224	C9H21O4P	000513-08-6	90
3	n-Butyl methylphosphonofluoridate	154	C5H12FO2P	000352-63-6	47
4	Silane, dimethyldi-2-propenyl-	140	C8H16Si	001113-12-8	38
5	Spiro[1,3-dioxolane-2,2'(1'H)-na...	196	C12H20O2	006857-86-9	28





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TIC Integration Parameters: LSCINT.P

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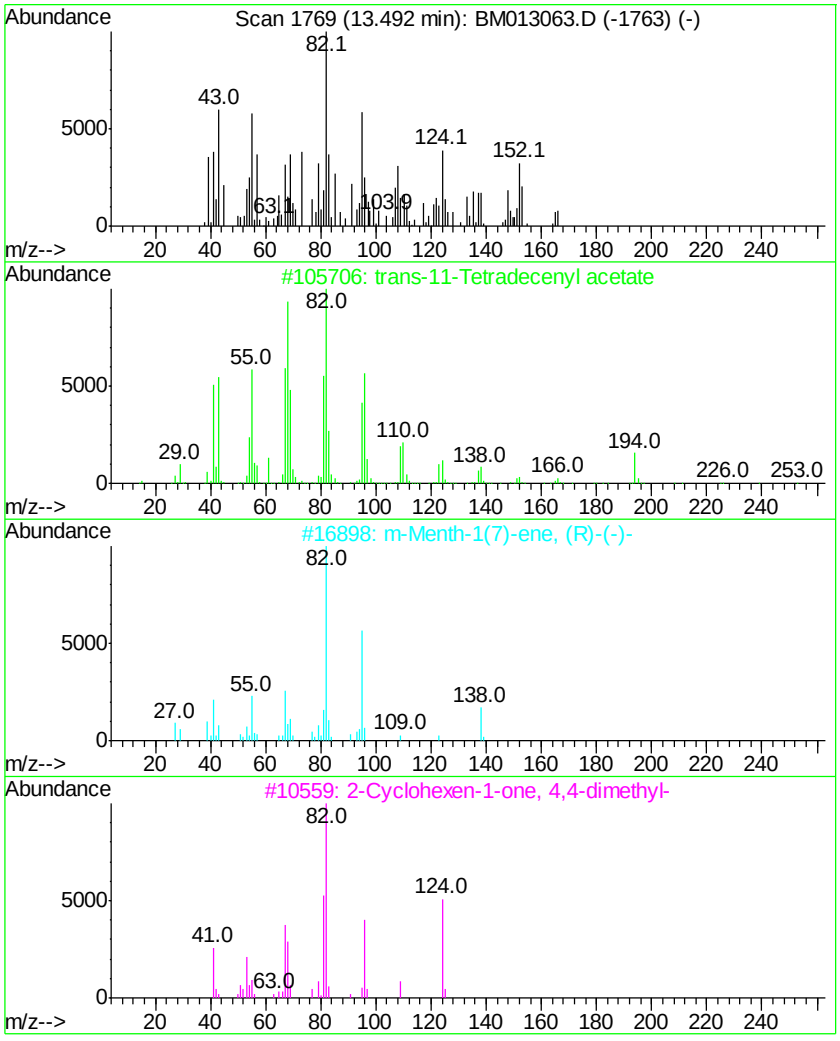
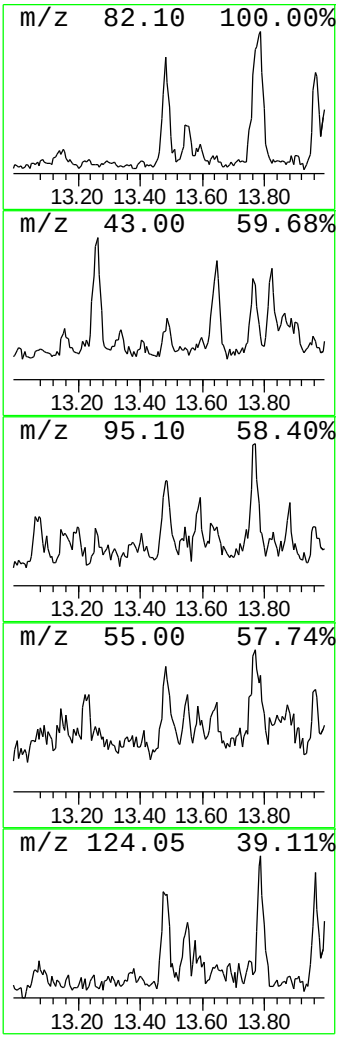
Peak Number 32 unknown-05 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	2.13 ng/ul	304598	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-11-Tetradecenyl acetate	254	C16H30O2	033189-72-9	38
2	m-Menth-1(7)-ene, (R)-(-)-	138	C10H18	013837-71-3	30
3	2-Cyclohexen-1-one, 4,4-dimethyl-	124	C8H12O	001073-13-8	27
4	Bicyclo[2.2.1]heptan-2-amine, 1,...	153	C10H19N	000464-42-6	25
5	2-Cyclohexen-1-one, 2-methyl-5-(...	152	C10H16O	000499-71-8	22





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112017\
Data File : BM013063.D
Acq On : 21 Nov 2017 02:47
Operator : SJ/JU
Sample : I6489-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2Z0

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
1,3-Oxathiolane	4.40	3.5	ng/ul	288789	1	7.72	1635830	20.0
Butane, 1-ethoxy-	5.19	3.2	ng/ul	259951	1	7.72	1635830	20.0
2-Heptanol, 2-met...	5.66	2.8	ng/ul	231458	1	7.72	1635830	20.0
2-Hexanol, 2,5-di...	6.01	2.5	ng/ul	208619	1	7.72	1635830	20.0
3-Pentanol, 2,3,4...	6.19	2.8	ng/ul	224856	1	7.72	1635830	20.0
3-Octanone	6.40	6.6	ng/ul	538072	1	7.72	1635830	20.0
Ethane, 1,1'-oxyb...	6.43	3.1	ng/ul	257134	1	7.72	1635830	20.0
Benzene, 1-chloro...	6.70	2.4	ng/ul	193115	1	7.72	1635830	20.0
Benzene, 1-ethyl-...	6.81	7.5	ng/ul	609404	1	7.72	1635830	20.0
Benzene, 1,2,3-tr...	7.36	18.3	ng/ul	1499410	1	7.72	1635830	20.0
Benzene, 1,2,4-tr...	7.83	6.5	ng/ul	529553	1	7.72	1635830	20.0
Indane	8.08	6.0	ng/ul	493508	1	7.72	1635830	20.0
Benzene, 1,2-diet...	8.20	3.5	ng/ul	286779	1	7.72	1635830	20.0
Benzene, 2-ethyl-...	8.81	5.0	ng/ul	405235	1	7.72	1635830	20.0
Propanoic acid	8.94	4.3	ng/ul	350510	1	7.72	1635830	20.0
3-Octanol, 3,7-di...	9.03	4.5	ng/ul	370722	1	7.72	1635830	20.0
Hexanoic acid, 3,...	9.33	4.3	ng/ul	484440	2	10.49	2265540	20.0
Bicyclo[3.1.1]hep...	9.77	5.5	ng/ul	625405	2	10.49	2265540	20.0
unknown-01	9.90	3.5	ng/ul	390997	2	10.49	2265540	20.0
unknown-02	10.05	3.5	ng/ul	400267	2	10.49	2265540	20.0
unknown-03	10.55	2.5	ng/ul	284221	2	10.49	2265540	20.0
Phenol, 2,4,6-tri...	11.08	3.7	ng/ul	417503	2	10.49	2265540	20.0
Phenol, 2-(1,1-di...	11.52	2.1	ng/ul	236403	2	10.49	2265540	20.0
Phenol, p-tert-bu...	11.85	70.0	ng/ul	7924220	2	10.49	2265540	20.0
unknown-04	12.39	2.4	ng/ul	267025	2	10.49	2265540	20.0
1,3,5-Trithiane	12.49	2.2	ng/ul	309018	3	14.35	2854340	20.0
Tripropyl phosphate	12.89	8.6	ng/ul	1231740	3	14.35	2854340	20.0
unknown-05	13.49	2.1	ng/ul	304598	3	14.35	2854340	20.0