LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070119\
Data File : BM021307.D
Acq On : 01 Jul 2019 13:50
Operator : HP/JU
Sample : K3559-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AE4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.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	3.011	3	4	16	rVB	1965257	2081475	22.60%	1.297%
2	4.399	236	240	248	rVB	264335	350525	3.81%	0.218%
3	4.905	320	326	336	rVB3	225462	419005	4.55%	0.261%
4	5.293	382	392	396	rVB3	149745	404573	4.39%	0.252%
5	5.852	477	487	499	rBV2	1914001	3732895	40.54%	2.326%
6	6.404	576	581	601	rVB	1995369	3014605	32.74%	1.878%
7	6.604	610	615	619	rBV	246340	377289	4.10%	0.235%
8	6.651	619	623	632	rVB2	213523	371554	4.04%	0.232%
9	6.857	640	658	661	rBV2	616053	1978494	21.49%	1.233%
10	6.940	667	672	674	rVB	716546	1167005	12.67%	0.727%
11	6.963	674	676	682	rVB	353485	441805	4.80%	0.275%
12	7.098	692	699	703	rBV	761766	1257469	13.66%	0.783%
13	7.140	703	706	716	rVB2	213850	393443	4.27%	0.245%
14	7.293	726	732	739	rVB	953777	1565067	17.00%	0.975%
15	7.757	805	811	816	rBV	780413	1245715	13.53%	0.776%
16	7.816	816	821	831	rVB	377413	733344	7.96%	0.457%
17	7.910	831	837	846	rBV	837652	1345078	14.61%	0.838%
18	8.004	847	853	859	rBV2	892823	1617445	17.57%	1.008%
19	8.081	862	866	873	rVB2	418511	706453	7.67%	0.440%
20	8.304	897	904	908	rBV	387623	657674	7.14%	0.410%
21	8.375	908	916	918	rVV5	363237	751179	8.16%	0.468%
22	8.416	920	923	927	rVV	515847	796881	8.65%	0.497%
23	8.469	927	932	938	rVV	726272	1226488	13.32%	0.764%
24	8.534	938	943	951	rVV2	842080	1736454	18.86%	1.082%
25	8.610	952	956	964	rVB	377014	613634	6.66%	0.382%
26	8.857	987	998	1003	rBV	1070645	1706894	18.54%	1.064%
27	8.916	1003	1008	1014	rBV	987220	1695483	18.41%	1.056%
28	8.987	1014	1020	1025	rVB2	333814	597780	6.49%	0.372%
29	9.075	1025	1035	1040	rBV	3000046	5717239	62.09%	3.562%
30	9.263	1061	1067	1071	rBV3	654662	1203666	13.07%	0.750%
31	9.304	1071	1074	1082	rVB	729146	1225803	13.31%	0.764%
32	9.475	1099	1103	1110	rVB2	198776	339207	3.68%	0.211%
33	9.634	1123	1130	1142	rBV2	897395	1820167	19.77%	1.134%
34	9.804	1151	1159	1164	rVB2	204122	392524	4.26%	0.245%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070119\
Data File : BM021307.D
Acq On : 01 Jul 2019 13:50
Operator : HP/JU
Sample : K3559-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AE4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Title : SVOA CALIBRATION

35	9.875	1164	1171	1174	rBV2	358274	786081	8.54%	0.490%
36	9.951	1175	1184	1192	rVB3	996452	2872234	31.19%	1.790%
37	10.175	1213	1222	1238	rVB	1412585	2701323	29.34%	1.683%
38	10.334	1241	1249	1258	rBV	5183386	9208149	100.00%	5.737%
39	10.451	1263	1269	1277	rVB6	137233	344499	3.74%	0.215%
40	10.539	1277	1284	1292	rBV	1028504	2160404	23.46%	1.346%
41	10.598	1292	1294	1300	rVB	321303	443984	4.82%	0.277%
42	10.834	1326	1334	1341	rVB	581402	1040856	11.30%	0.649%
43	10.916	1341	1348	1365	rVB	2715795	5345601	58.05%	3.331%
44	11.075	1368	1375	1380	rBV	723735	1256637	13.65%	0.783%
45	11.134	1380	1385	1392	rVV	852278	1483301	16.11%	0.924%
46	11.204	1392	1397	1405	rVV	244397	455119	4.94%	0.284%
47	11.292	1405	1412	1417	rVV	650421	1294997	14.06%	0.807%
48	11.363	1417	1424	1434	rVV5	349115	996784	10.83%	0.621%
49	11.534	1446	1453	1463	rVB6	137851	369276	4.01%	0.230%
50	11.681	1473	1478	1483	rBV2	185651	320610	3.48%	0.200%
51	11.857	1502	1508	1519	rVB6	525250	1280380	13.90%	0.798%
52	11.951	1519	1524	1529	rBV3	198885	326111	3.54%	0.203%
53	12.222	1560	1570	1576	rBV	890061	1823780	19.81%	1.136%
54	12.281	1576	1580	1586	rVB2	267752	411768	4.47%	0.257%
55	12.381	1592	1597	1604	rVB	307203	461701	5.01%	0.288%
56	12.698	1642	1651	1654	rBV	288966	521598	5.66%	0.325%
57	12.745	1654	1659	1669	rVB	2351779	3824544	41.53%	2.383%
58	12.851	1674	1677	1682	rVV	302365	443487	4.82%	0.276%
59	12.998	1695	1702	1708	rBV	2409477	3650300	39.64%	2.274%
60	13.286	1746	1751	1755	rBV	898347	1341054	14.56%	0.836%
61	13.810	1835	1840	1845	rVV	2290256	3230924	35.09%	2.013%
62	13.857	1845	1848	1854	rVV	369882	591453	6.42%	0.369%
63	13.916	1854	1858	1866	rVB	1052877	1498026	16.27%	0.933%
64	14.092	1874	1888	1893	rBV	2735592	4169628	45.28%	2.598%
65	14.263	1912	1917	1923	rVB	276557	427163	4.64%	0.266%
66	14.398	1930	1940	1946	rVV2	1481147	2415392	26.23%	1.505%
67	14.627	1971	1979	1985	rVV4	264716	578779	6.29%	0.361%
68	14.839	2006	2015	2020	rBV4	172070	472642	5.13%	0.294%
69	14.998	2035	2042	2051	rVB2	509665	877836	9.53%	0.547%
70	15.145	2062	2067	2072	rVV	2901664	3860339	41.92%	2.405%
71	15.222	2075	2080	2086	rVB	3258852	4347415	47.21%	2.709%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070119\
Data File : BM021307.D
Acq On : 01 Jul 2019 13:50
Operator : HP/JU
Sample : K3559-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AE4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Title : SVOA CALIBRATION

72	15.392	2103	2109	2115	rVB	3443940	4879857	52.99%	3.040%
73	15.527	2124	2132	2138	rBV2	865097	1316500	14.30%	0.820%
74	15.616	2140	2147	2154	rVB2	206507	362112	3.93%	0.226%
75	15.704	2159	2162	2166	rVV	293686	343493	3.73%	0.214%
76	15.763	2166	2172	2179	rVV3	1920691	3130732	34.00%	1.951%
77	16.204	2242	2247	2252	rBV	250197	386096	4.19%	0.241%
78	16.404	2276	2281	2286	rBV	308688	422001	4.58%	0.263%
79	16.657	2319	2324	2330	rBV	1561721	2049410	22.26%	1.277%
80	16.910	2363	2367	2372	rVB	685845	862420	9.37%	0.537%
81	17.145	2402	2407	2413	rVB2	1677263	2430950	26.40%	1.515%
82	17.245	2418	2424	2433	rBV2	3483160	4985139	54.14%	3.106%
83	17.427	2452	2455	2464	rVB	500378	716256	7.78%	0.446%
84	17.857	2524	2528	2535	rVB	492293	648354	7.04%	0.404%
85	18.039	2555	2559	2564	rVV	657506	855418	9.29%	0.533%
86	18.110	2567	2571	2577	rVB	771414	977786	10.62%	0.609%
87	18.798	2683	2688	2694	rBV	338050	468965	5.09%	0.292%
88	19.321	2772	2777	2786	rBV	272137	430756	4.68%	0.268%
89	19.545	2809	2815	2820	rBV	4259121	5595380	60.77%	3.486%
90	20.574	2986	2990	2994	rBV	283298	304093	3.30%	0.189%
91	21.039	3065	3069	3077	rBV	540538	649416	7.05%	0.405%
92	21.339	3115	3120	3129	rVB	2041841	2733675	29.69%	1.703%
93	21.474	3140	3143	3147	rVB	554053	540218	5.87%	0.337%
94	21.915	3214	3218	3222	rBV	550253	649198	7.05%	0.404%
95	22.180	3260	3263	3270	rVB	357849	467093	5.07%	0.291%
96	22.386	3294	3298	3310	rVB	728225	1264583	13.73%	0.788%
97	22.892	3380	3384	3390	rVB	608188	883789	9.60%	0.551%
98	23.468	3475	3482	3490	rVB	3899823	7030171	76.35%	4.380%
99	23.609	3500	3506	3516	rVB	1544289	2980016	32.36%	1.857%
100	24.121	3589	3593	3603	rVB	419826	814546	8.85%	0.508%

Sum of corrected areas: 160496910

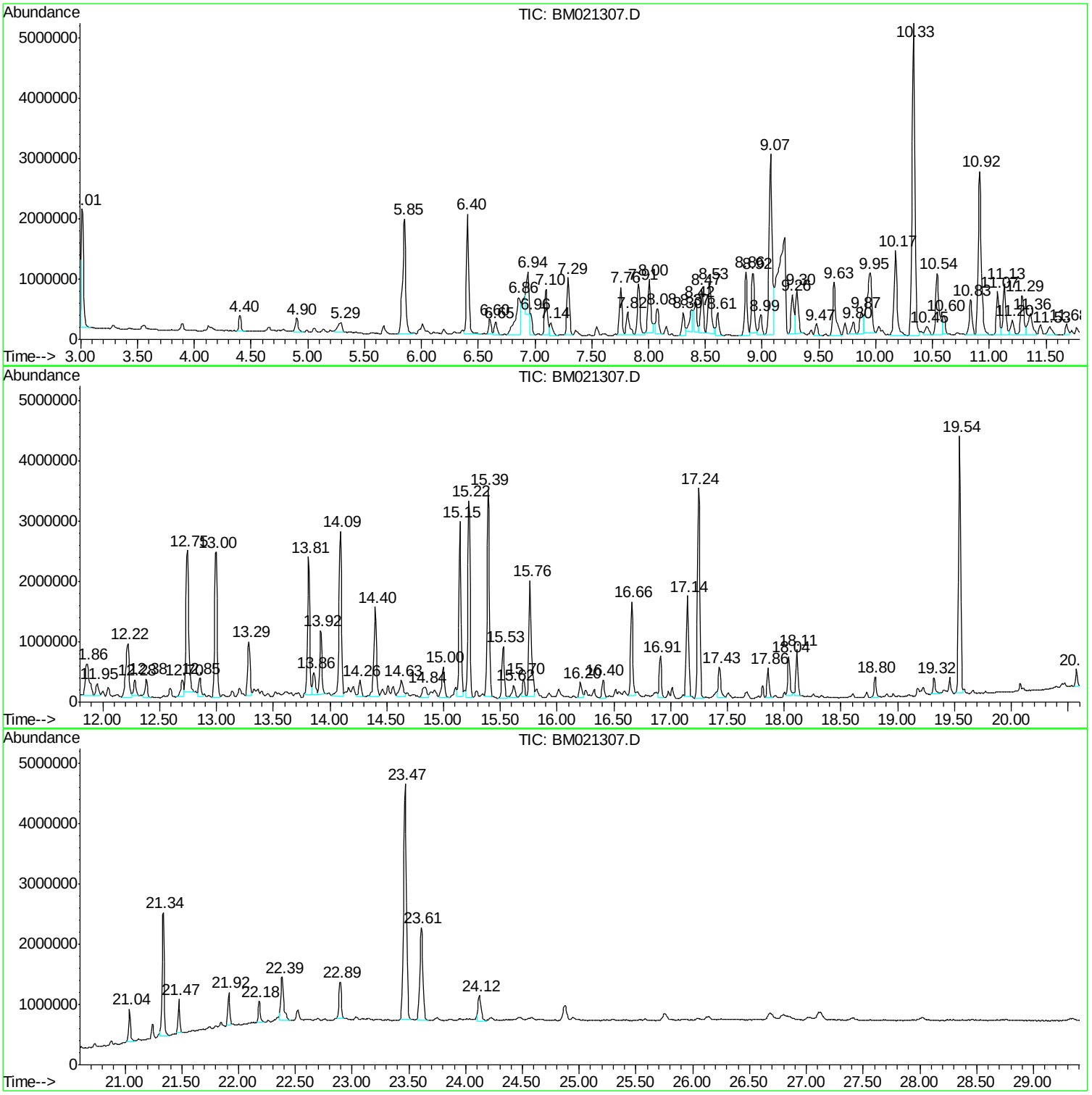
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070119\
Data File : BM021307.D
Acq On : 01 Jul 2019 13:50
Operator : HP/JU
Sample : K3559-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AE4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070119\
Data File : BM021307.D
Acq On : 01 Jul 2019 13:50
Operator : HP/JU
Sample : K3559-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AE4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

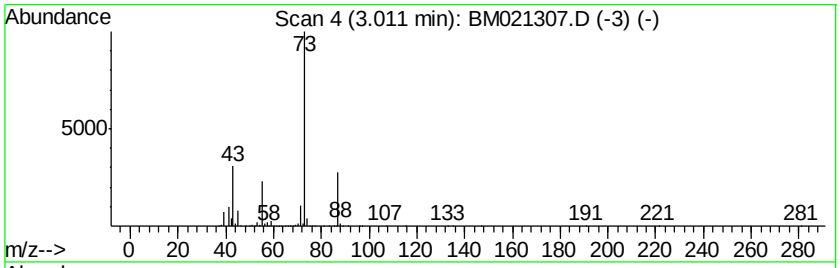
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

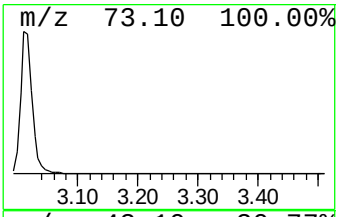
****

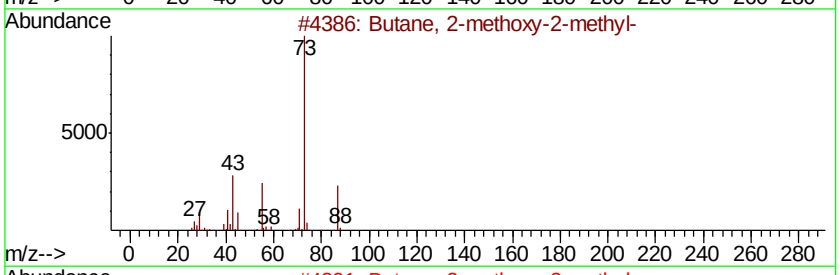
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

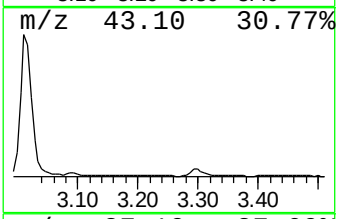
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.01	33.42 ng/ul	2081480	1,4-Dichlorobenzene-d4	7.75

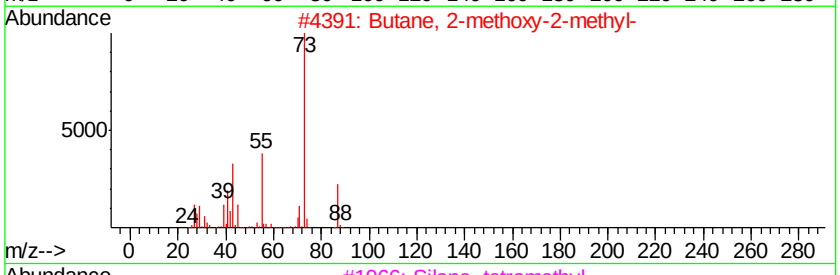
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9

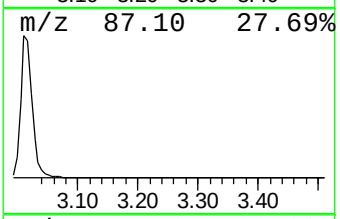


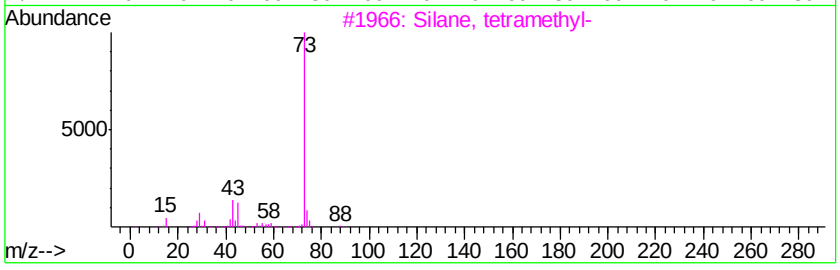


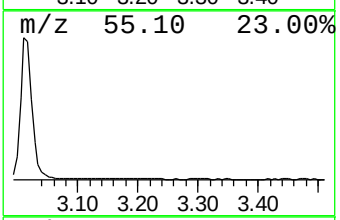


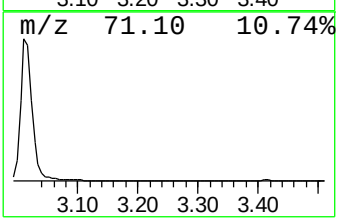












Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070119\
Data File : BM021307.D
Acq On : 01 Jul 2019 13:50
Operator : HP/JU
Sample : K3559-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AE4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

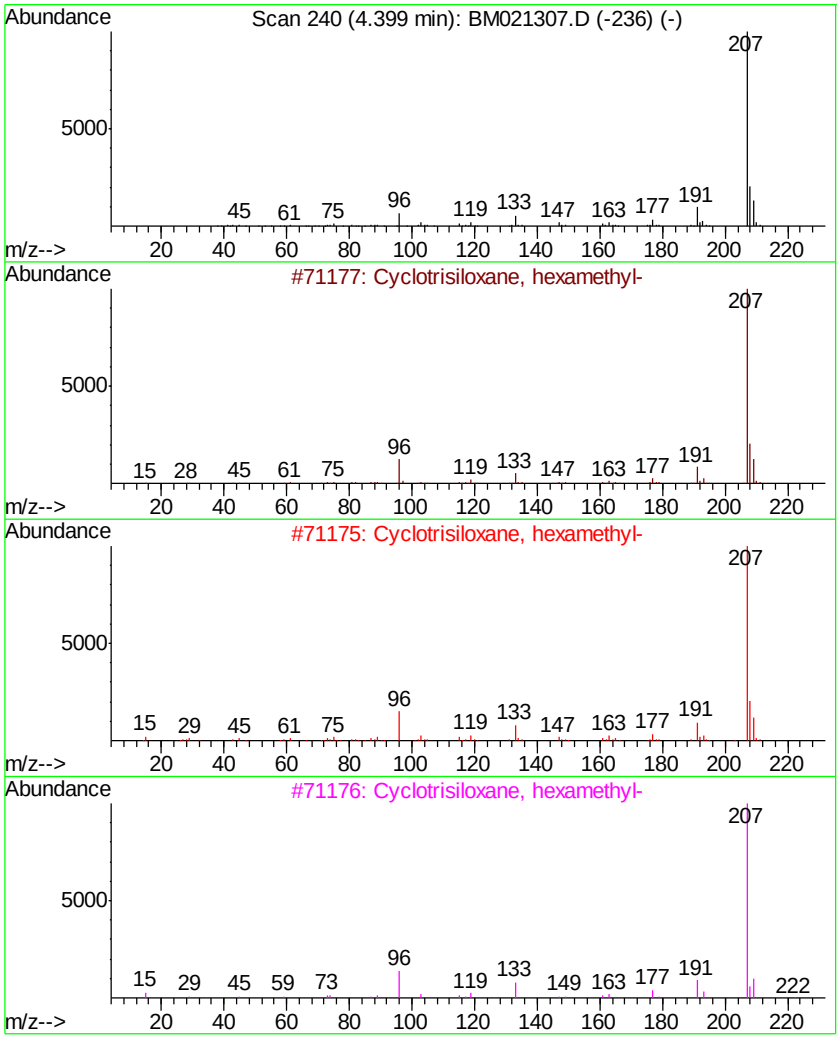
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

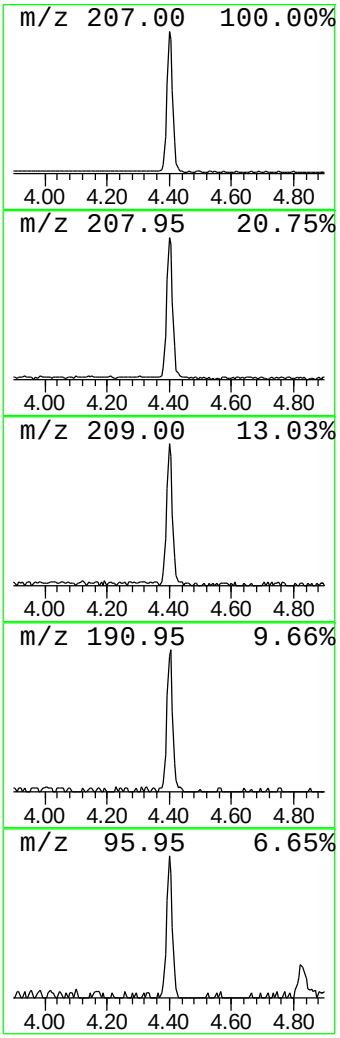
****

Peak Number 2 Cyclotrisiloxane, hexamethyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	5.63 ng/ul	350525	1,4-Dichlorobenzene-d4	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	91
2	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	90
3	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	72
4	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	39
5	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	39





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070119\
Data File : BM021307.D
Acq On : 01 Jul 2019 13:50
Operator : HP/JU
Sample : K3559-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AE4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

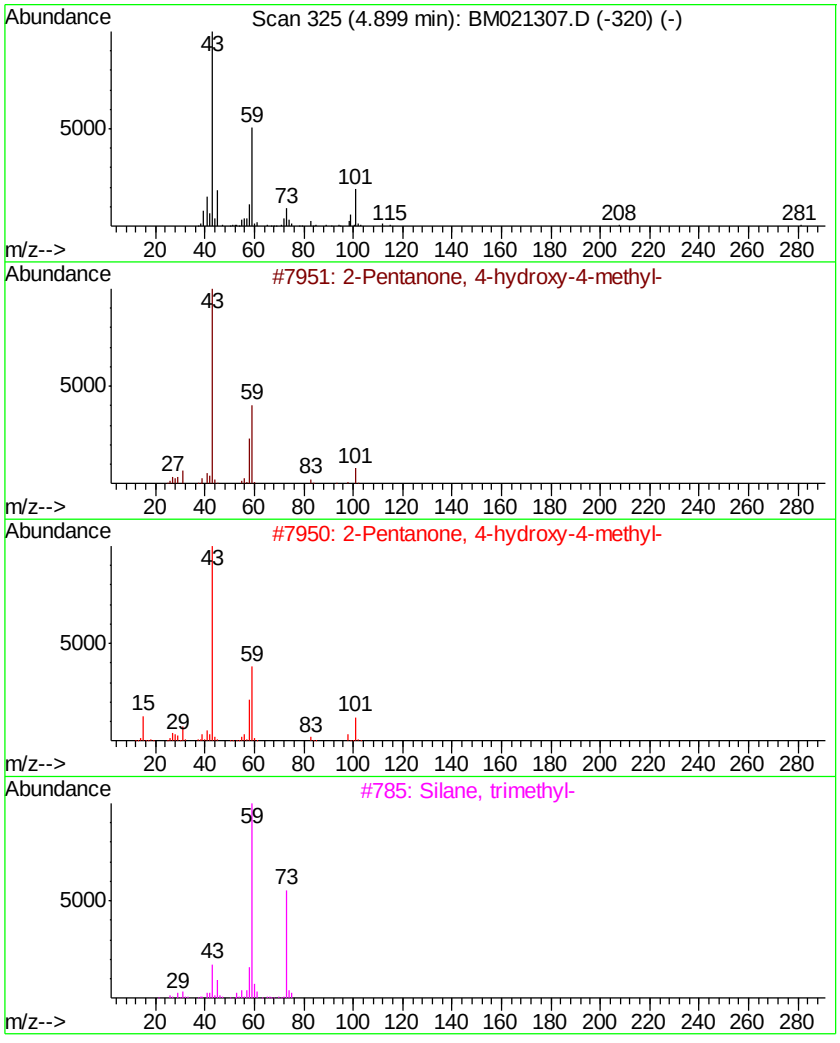
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

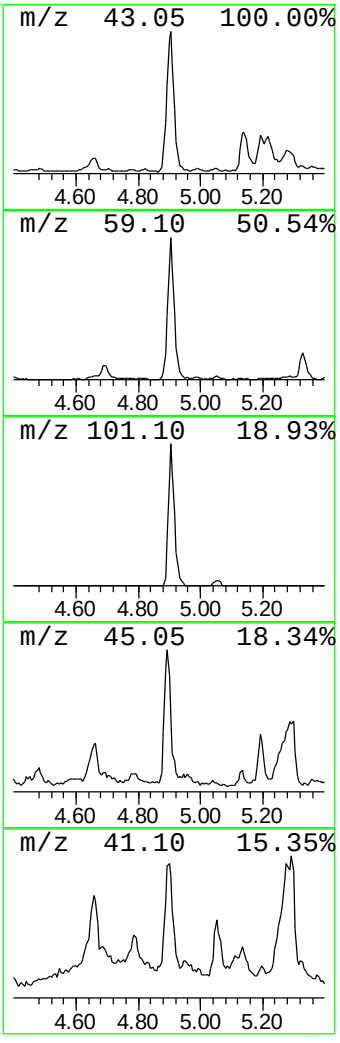
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	6.73 ng/ul	419005	1,4-Dichlorobenzene-d4	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
3	Silane, trimethyl-	74	C3H10Si	000993-07-7	43
4	2,5,8,11,14-Pentaoxapentadecane	222	C10H22O5	000143-24-8	43
5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070119\
Data File : BM021307.D
Acq On : 01 Jul 2019 13:50
Operator : HP/JU
Sample : K3559-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AE4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

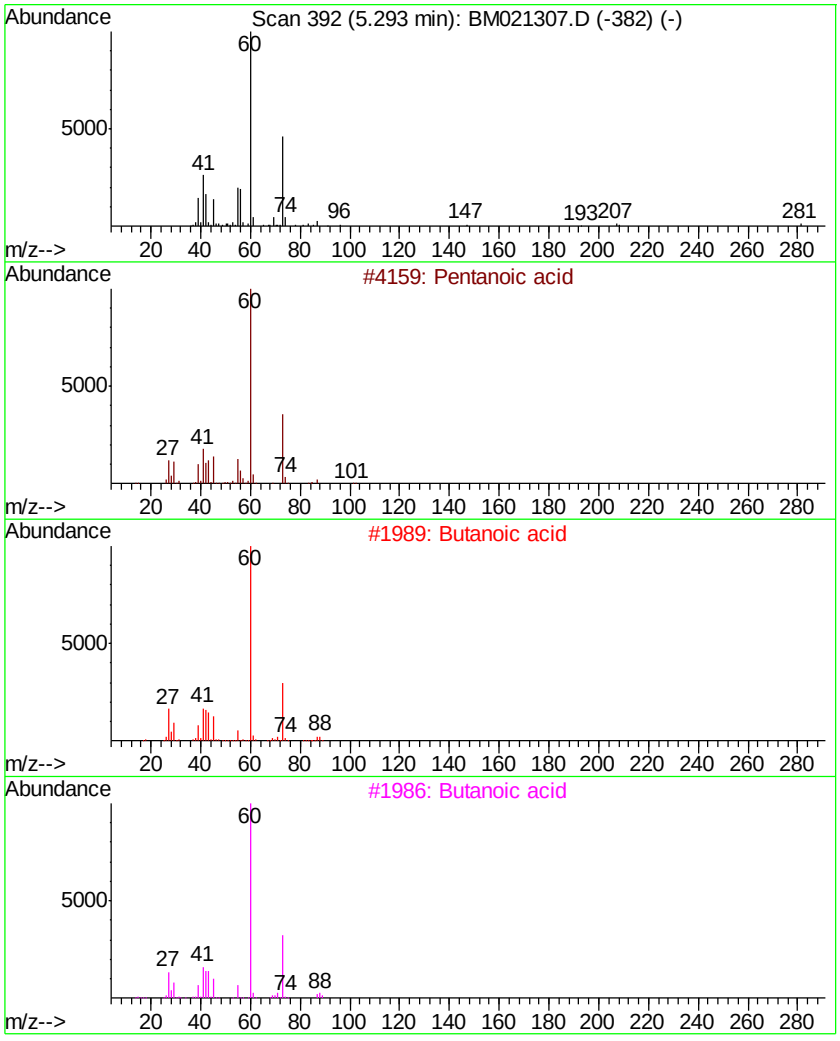
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

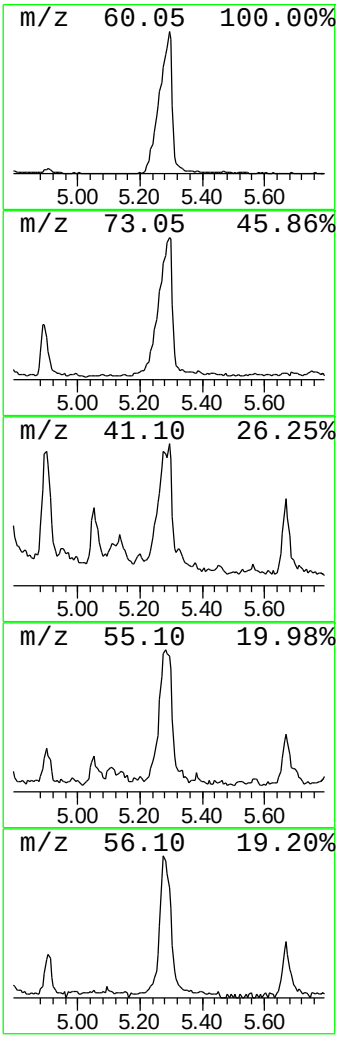
****

Peak Number 4 Pentanoic acid Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.29	6.50 ng/ul	404573	1,4-Dichlorobenzene-d4	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid	102	C5H10O2	000109-52-4	64
2	Butanoic acid	88	C4H8O2	000107-92-6	56
3	Butanoic acid	88	C4H8O2	000107-92-6	50
4	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	45
5	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	42





Library Search Compound Report

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Acq On : 01 Jul 2019 13:50
Operator : HP/JU
Sample : K3559-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AE4

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Quant Title : SVOA CALIBRATION

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

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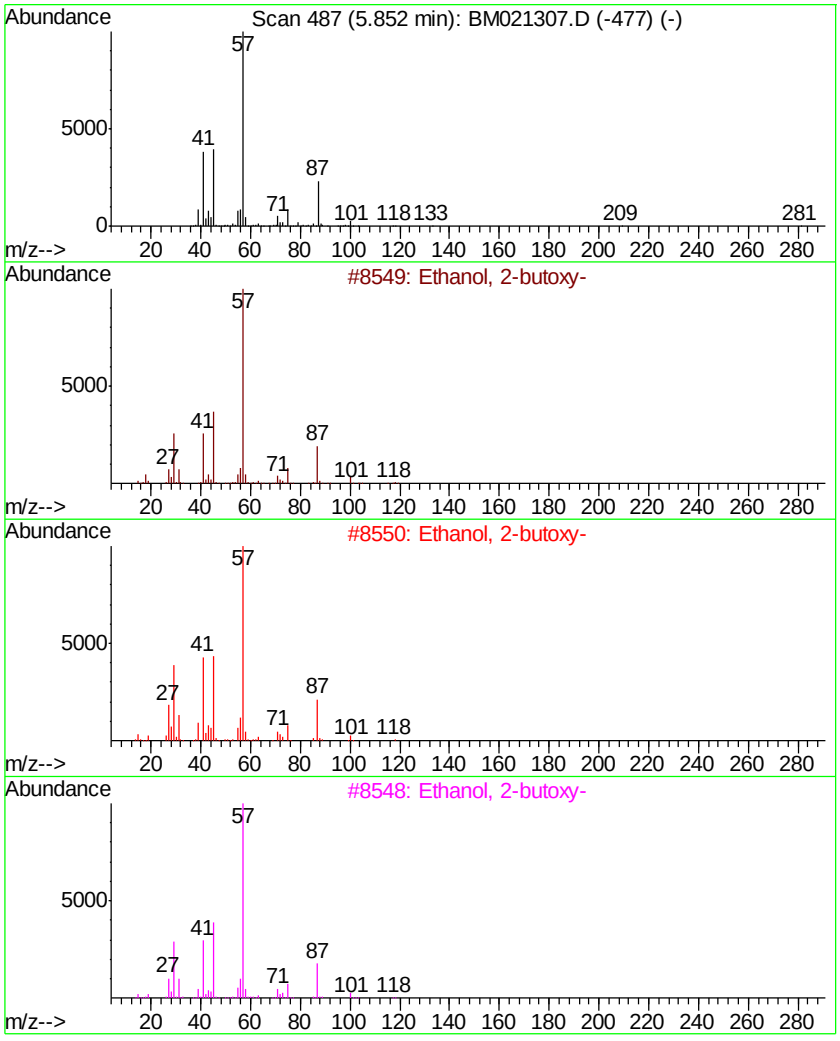
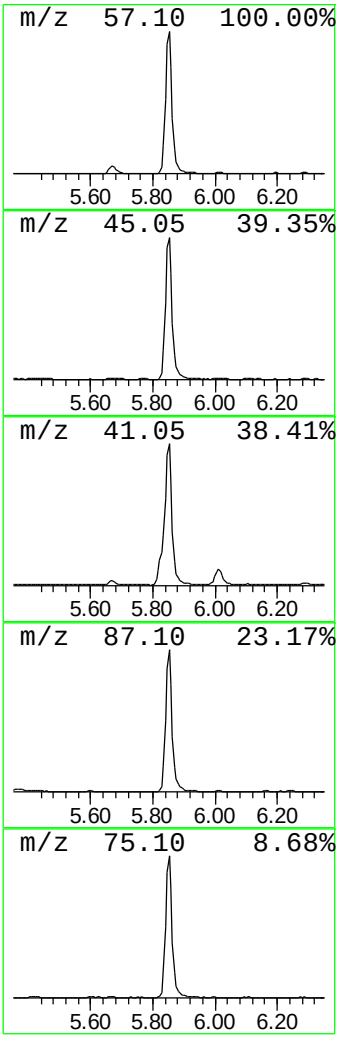
Peak Number 5 Ethanol, 2-butoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.85	59.93 ng/ul	3732900	1,4-Dichlorobenzene-d4	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	83
2	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	49
3	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	46
4	n-Butyl ether	130	C8H18O	000142-96-1	17
5	Propanoic acid, 2-methylpropyl e...	130	C7H14O2	000540-42-1	17





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AE4

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Quant Title : SVOA CALIBRATION

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

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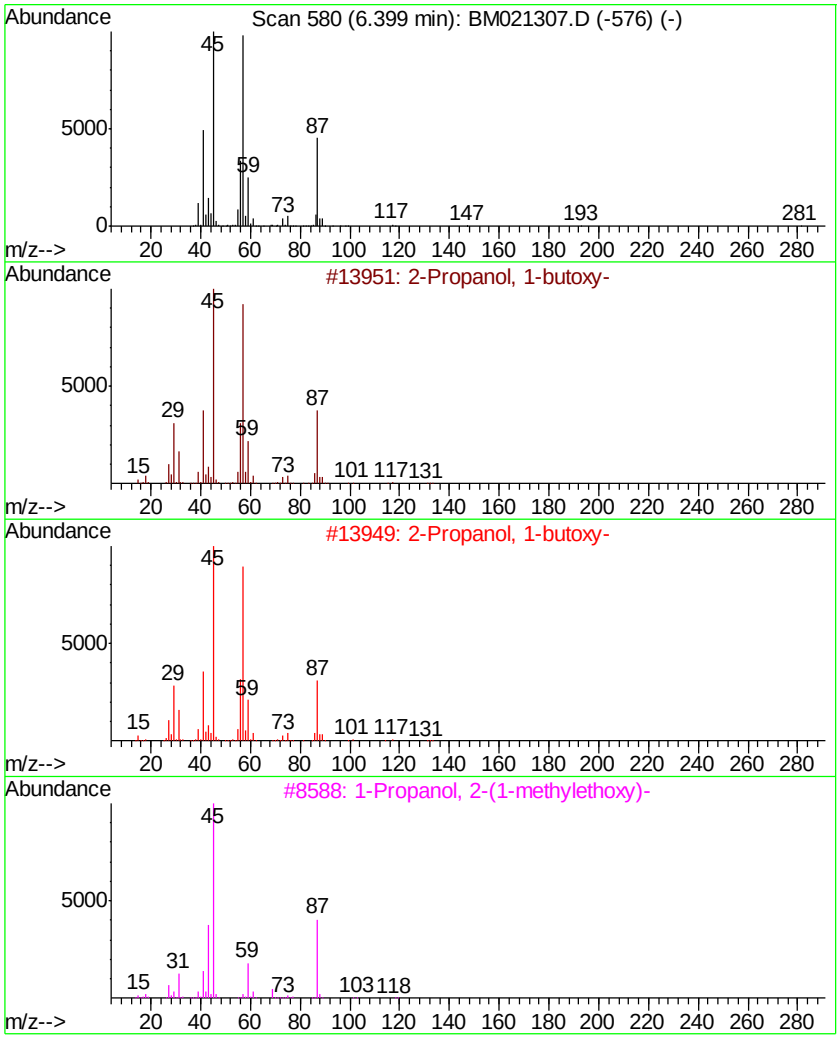
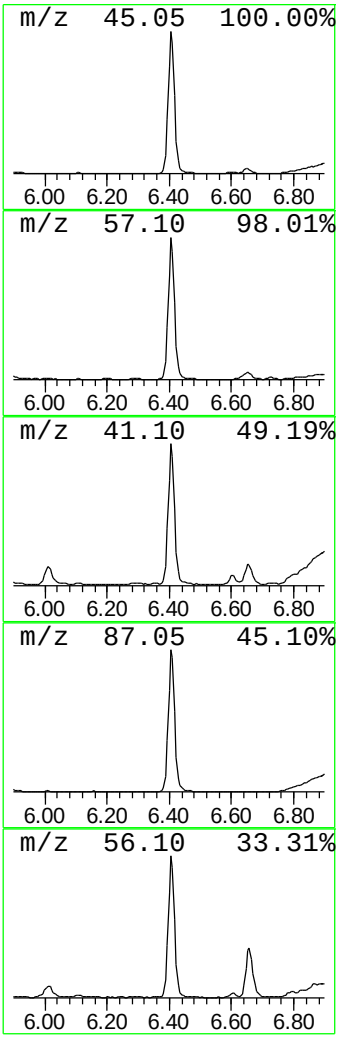
Peak Number 6 2-Propanol, 1-butoxy- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	48.40 ng/ul	3014610	1,4-Dichlorobenzene-d4	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-butoxy-	132	C7H16O2	005131-66-8	90
2	2-Propanol, 1-butoxy-	132	C7H16O2	005131-66-8	78
3	1-Propanol, 2-(1-methylethoxy)-	118	C6H14O2	003944-37-4	45
4	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	42
5	4-Octanone, 5-hydroxy-3,6-dimethyl-	172	C10H20O2	062759-47-1	42





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Misc :
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Instrument : BNA_M
ClientSampleId : C5AE4

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Quant Title : SVOA CALIBRATION

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

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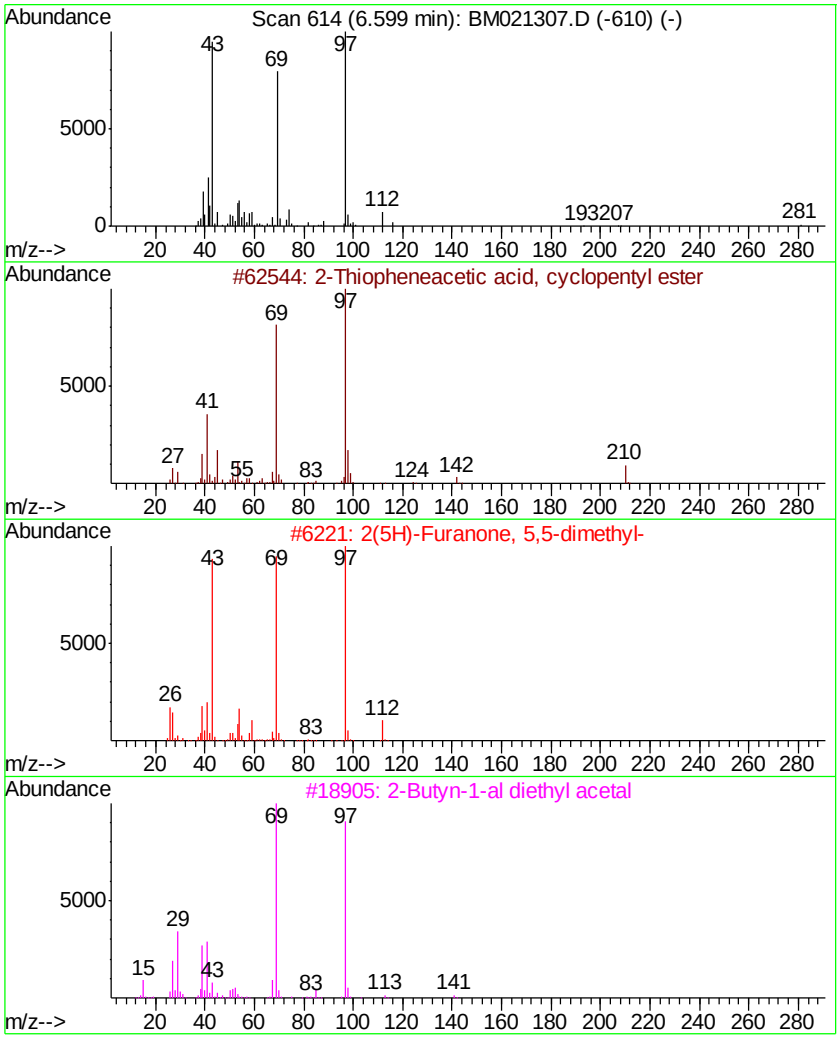
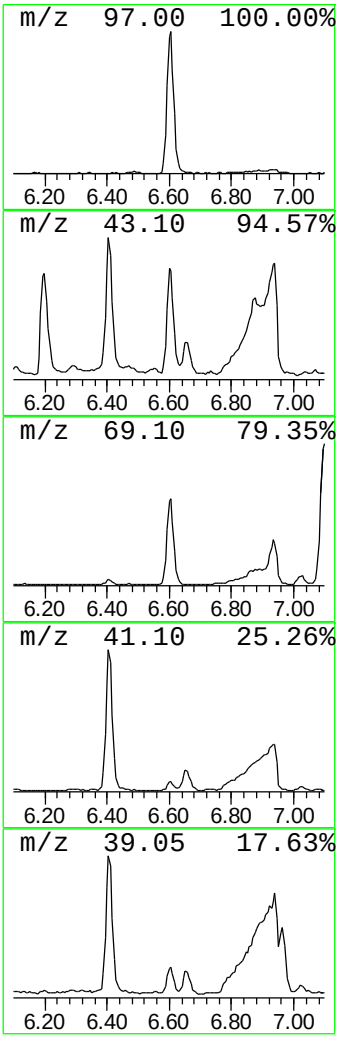
Peak Number 7 2-Thiopheneacetic acid, cyc... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	6.06 ng/ul	377289	1,4-Dichlorobenzene-d4	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Thiopheneacetic acid, cyclopen...	210	C11H14O2S	1000278-95-8	64
2	2(5H)-Furanone, 5,5-dimethyl-	112	C6H8O2	020019-64-1	62
3	2-Butyn-1-al diethyl acetal	142	C8H14O2	002806-97-5	45
4	2-Butyn-1-al diethyl acetal	142	C8H14O2	002806-97-5	45
5	2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	39





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ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AE4

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Quant Title : SVOA CALIBRATION

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

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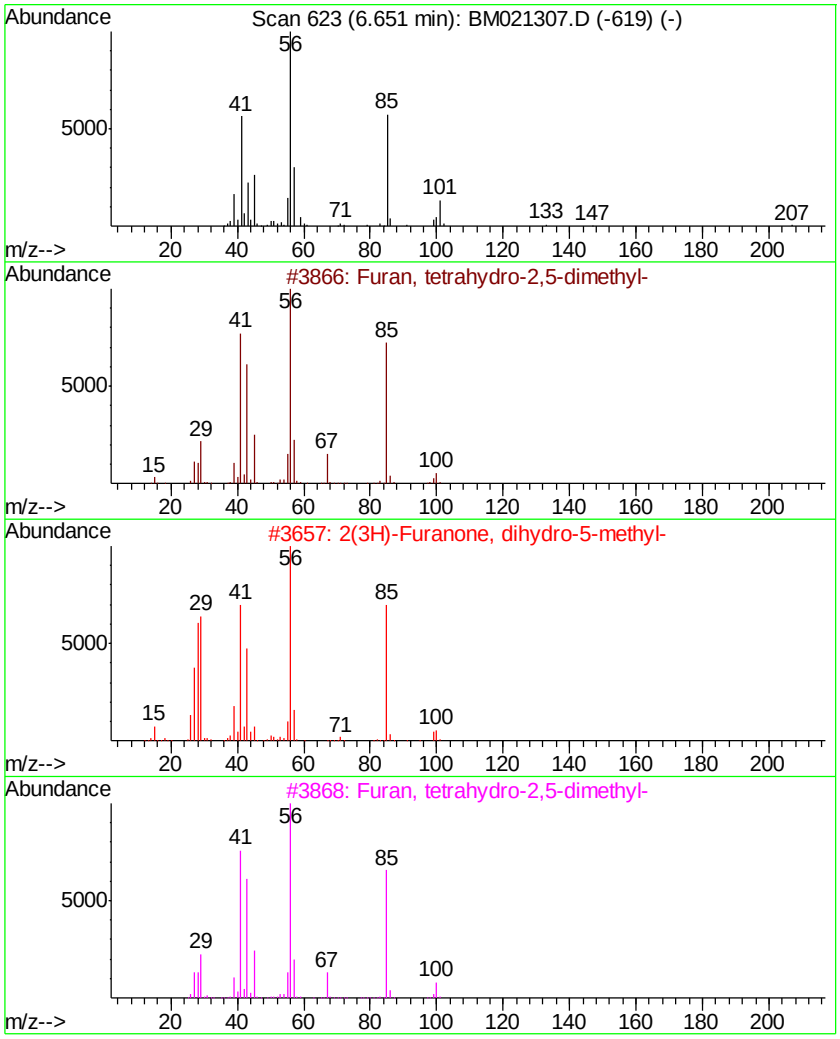
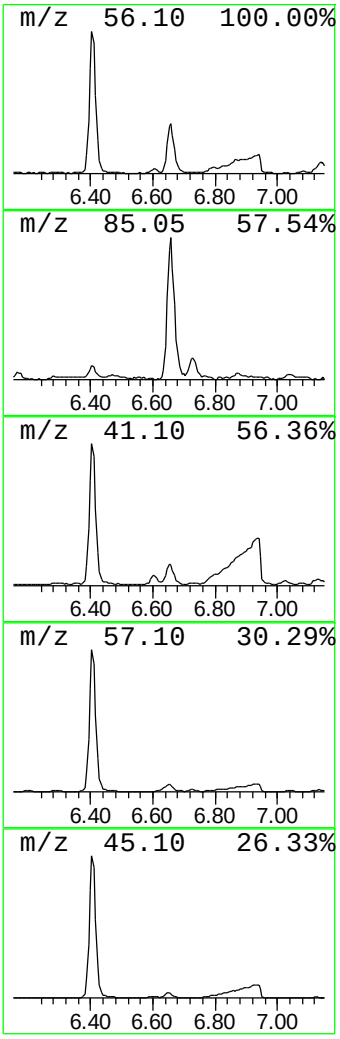
Peak Number 8 Furan, tetrahydro-2,5-dimet... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	5.97 ng/ul	371554	1,4-Dichlorobenzene-d4	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, tetrahydro-2,5-dimethyl-	100	C6H12O	001003-38-9	83
2	2(3H)-Furanone, dihydro-5-methyl-	100	C5H8O2	000108-29-2	72
3	Furan, tetrahydro-2,5-dimethyl-	100	C6H12O	001003-38-9	72
4	Furan, tetrahydro-2,5-dimethyl-,...	100	C6H12O	038484-59-2	64
5	2(3H)-Furanone, dihydro-5-methyl-	100	C5H8O2	000108-29-2	64





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ALS Vial : 8 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

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

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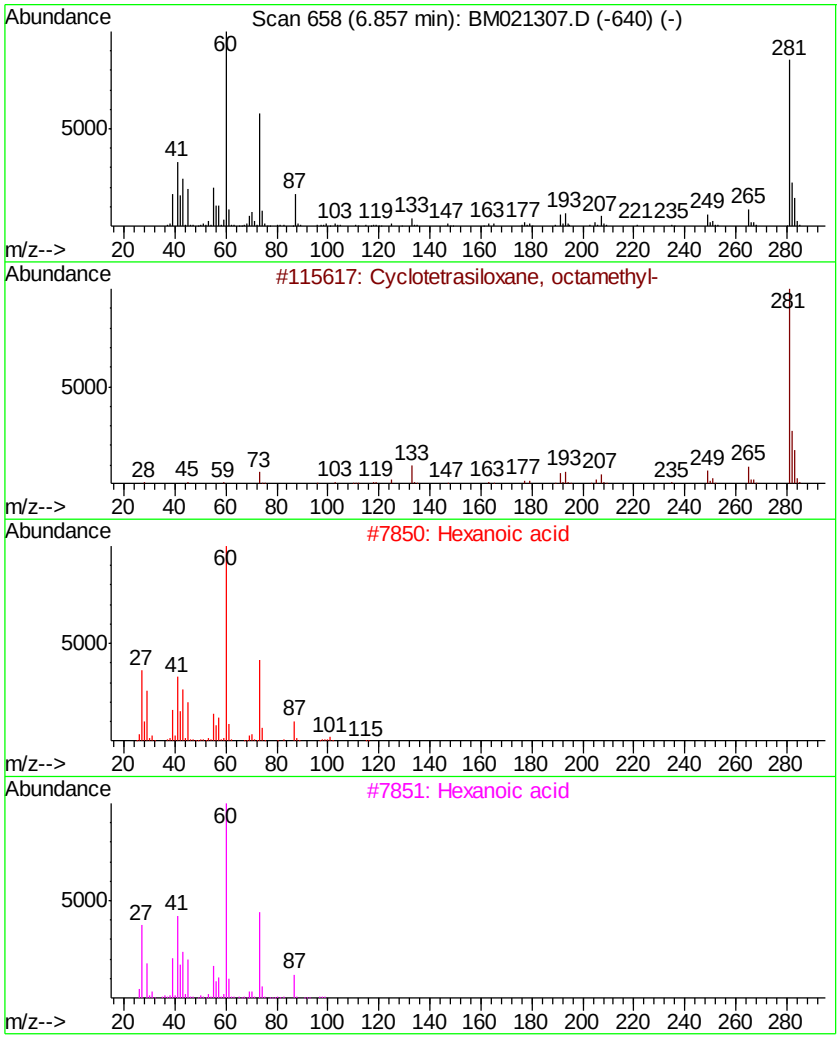
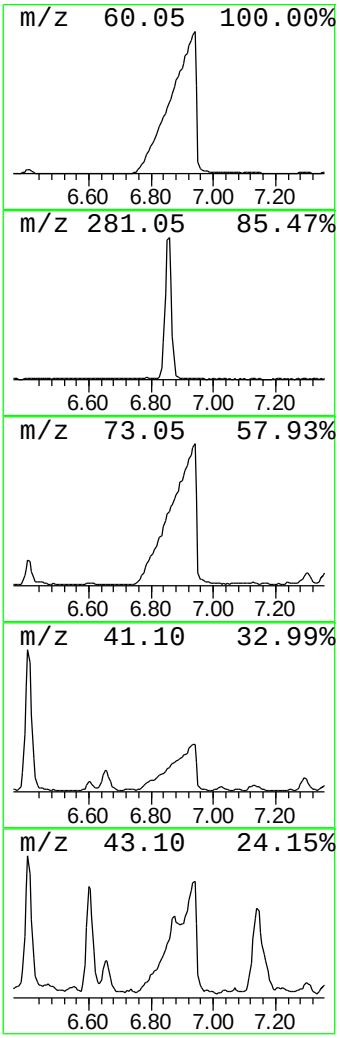
Peak Number 9 Cyclotetrasiloxane, octamet... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.86	31.76 ng/ul	1978490	1,4-Dichlorobenzene-d4	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	50
2	Hexanoic acid	116	C6H12O2	000142-62-1	38
3	Hexanoic acid	116	C6H12O2	000142-62-1	38
4	Hexanoic acid	116	C6H12O2	000142-62-1	35
5	Benzoic acid, 3-methyl-2-trimeth...	296	C14H24O3Si2	1000153-57-1	32





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ClientSampleId : C5AE4

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Quant Title : SVOA CALIBRATION

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

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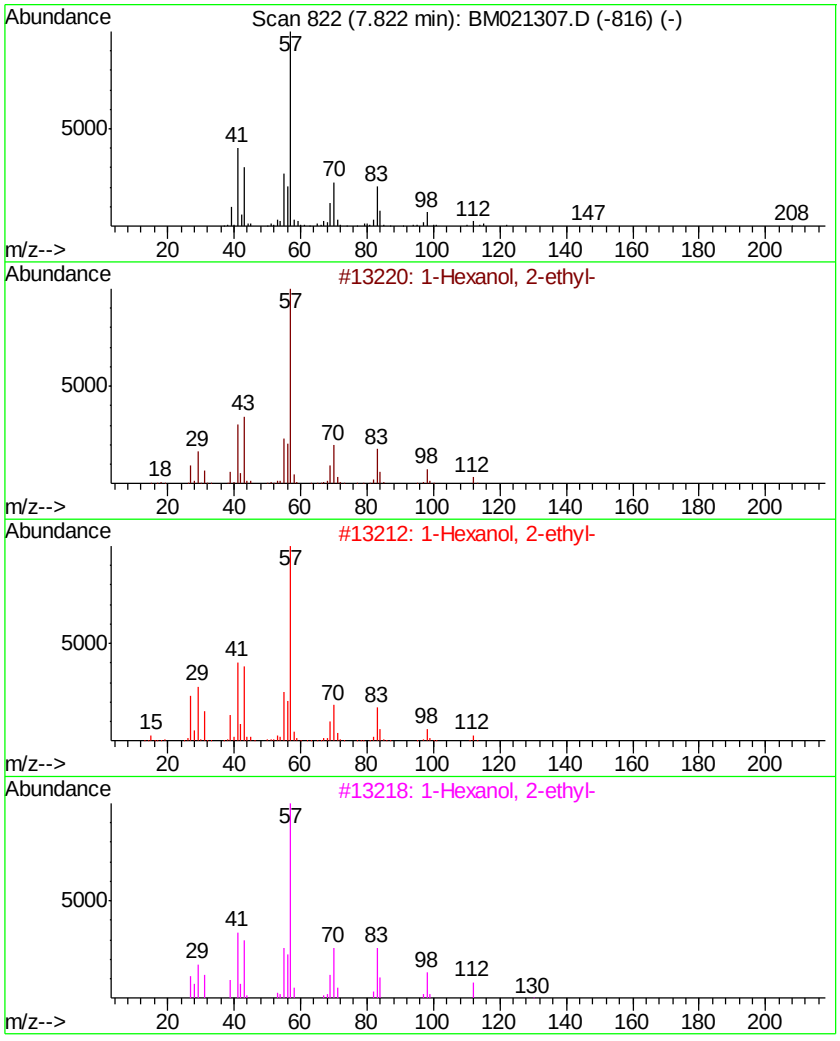
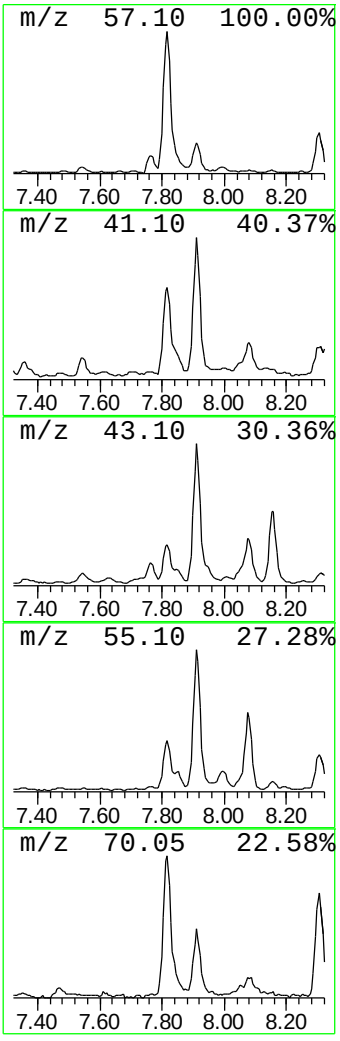
Peak Number 10 1-Hexanol, 2-ethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	11.77 ng/ul	733344	1,4-Dichlorobenzene-d4	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
5	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	53





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Sample : K3559-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AE4

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Quant Title : SVOA CALIBRATION

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

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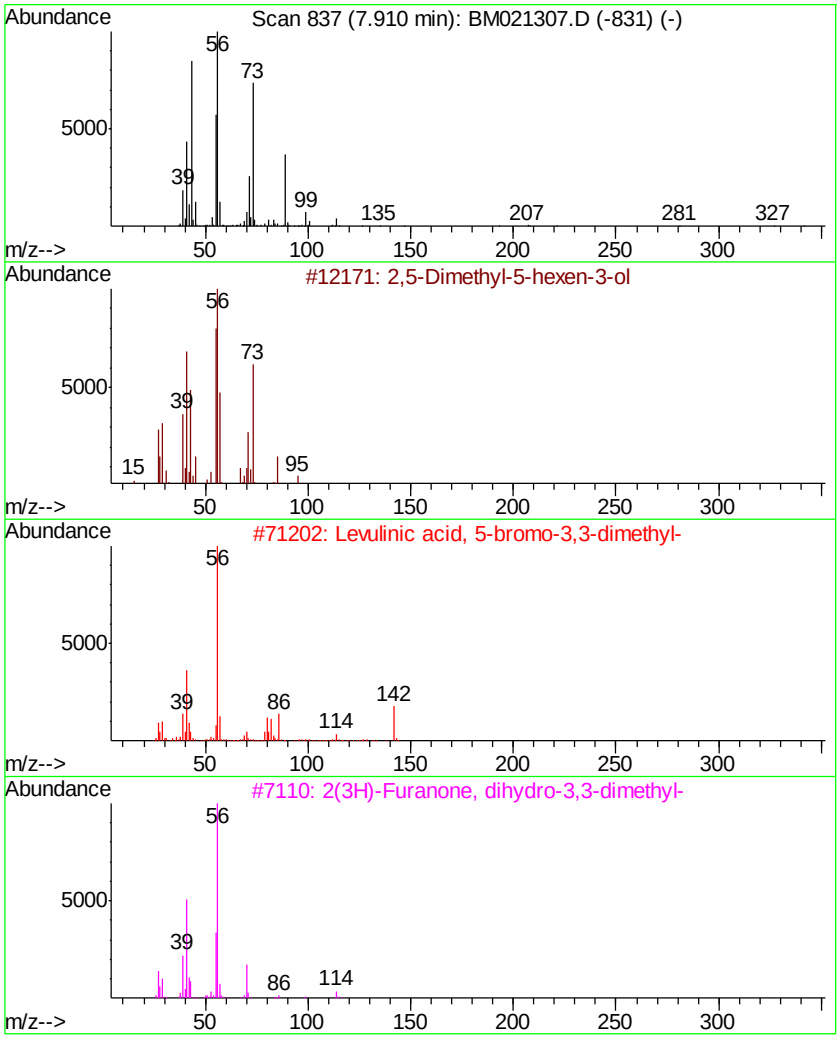
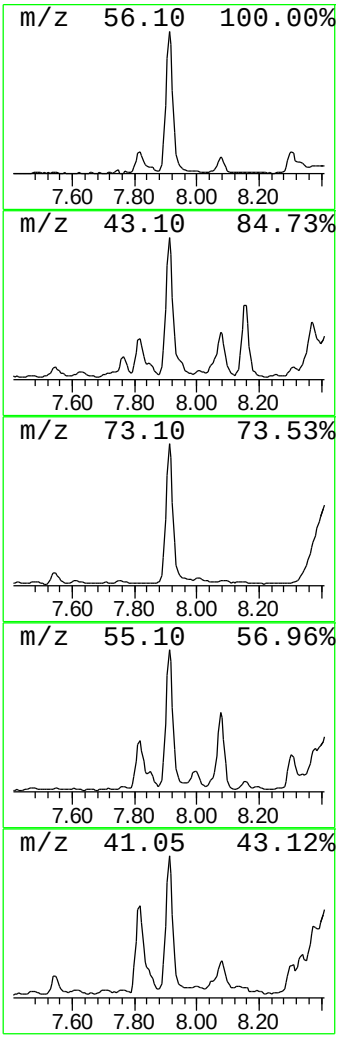
Peak Number 11 unknown-01 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.91	21.60 ng/ul	1345080	1,4-Dichlorobenzene-d4	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Dimethyl-5-hexen-3-ol	128	C8H16O	067760-91-2	45
2	Levulinic acid, 5-bromo-3,3-dime...	222	C7H11BrO3	032357-60-1	43
3	2(3H)-Furanone, dihydro-3,3-dime...	114	C6H10O2	003709-08-8	43
4	1,4-Dioxaspiro[2.4]heptan-5-one,...	142	C7H10O3	126091-79-0	38
5	1,3-Propanediol, 2,2-dimethyl-	104	C5H12O2	000126-30-7	36





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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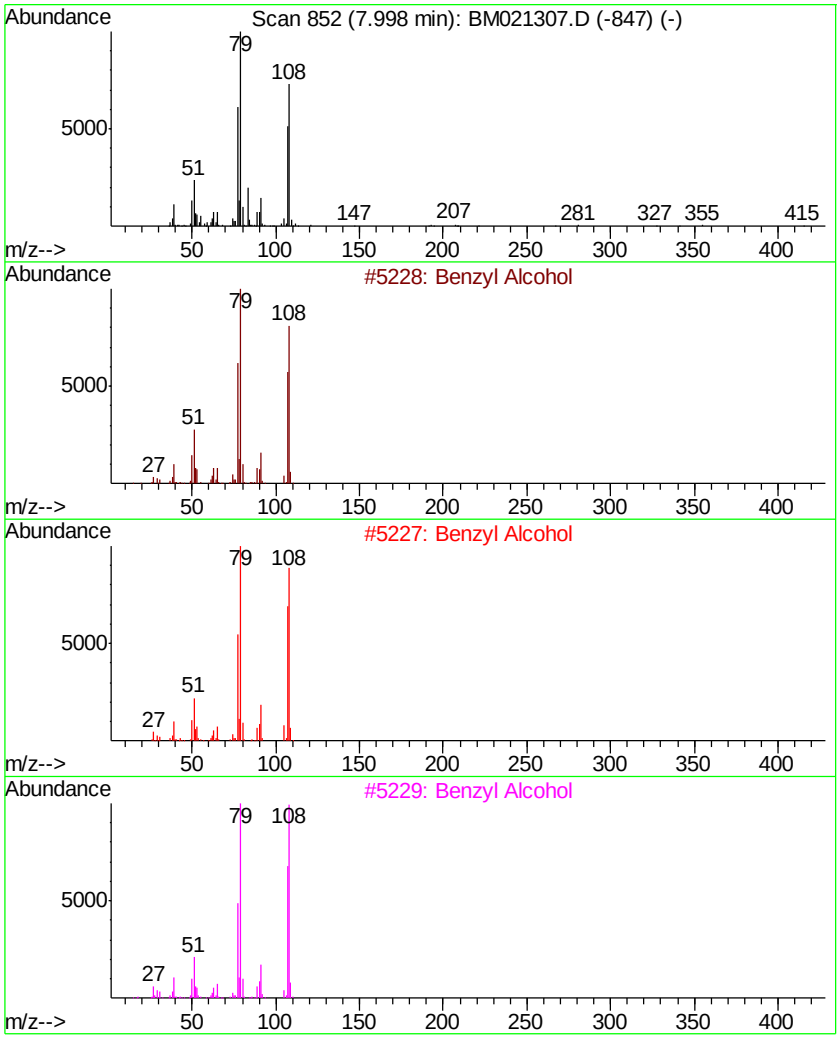
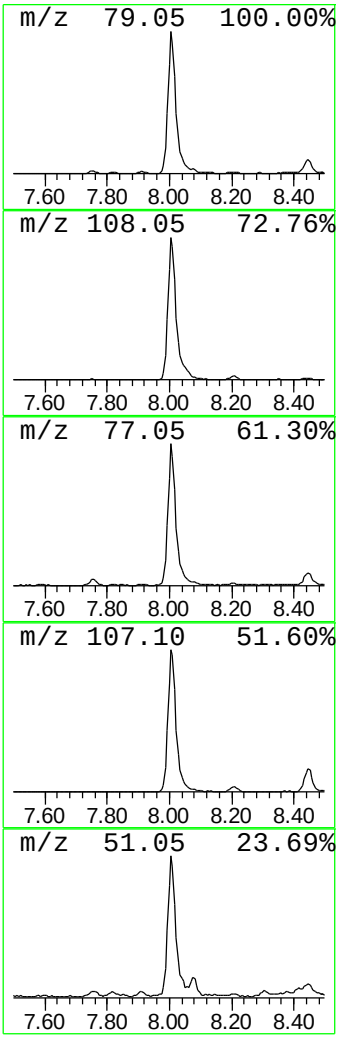
Peak Number 12 Benzyl Alcohol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	25.97 ng/ul	1617450	1,4-Dichlorobenzene-d4	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzyl Alcohol	108	C7H8O	000100-51-6	95
2	Benzyl Alcohol	108	C7H8O	000100-51-6	94
3	Benzyl Alcohol	108	C7H8O	000100-51-6	91
4	N-Benzyloxycarbonyl-L-tyrosine	315	C17H17NO5	001164-16-5	91
5	N-Cbz-glycylglycine p-nitropheny...	387	C18H17N3O7	013574-81-7	91





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Quant Title : SVOA CALIBRATION

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

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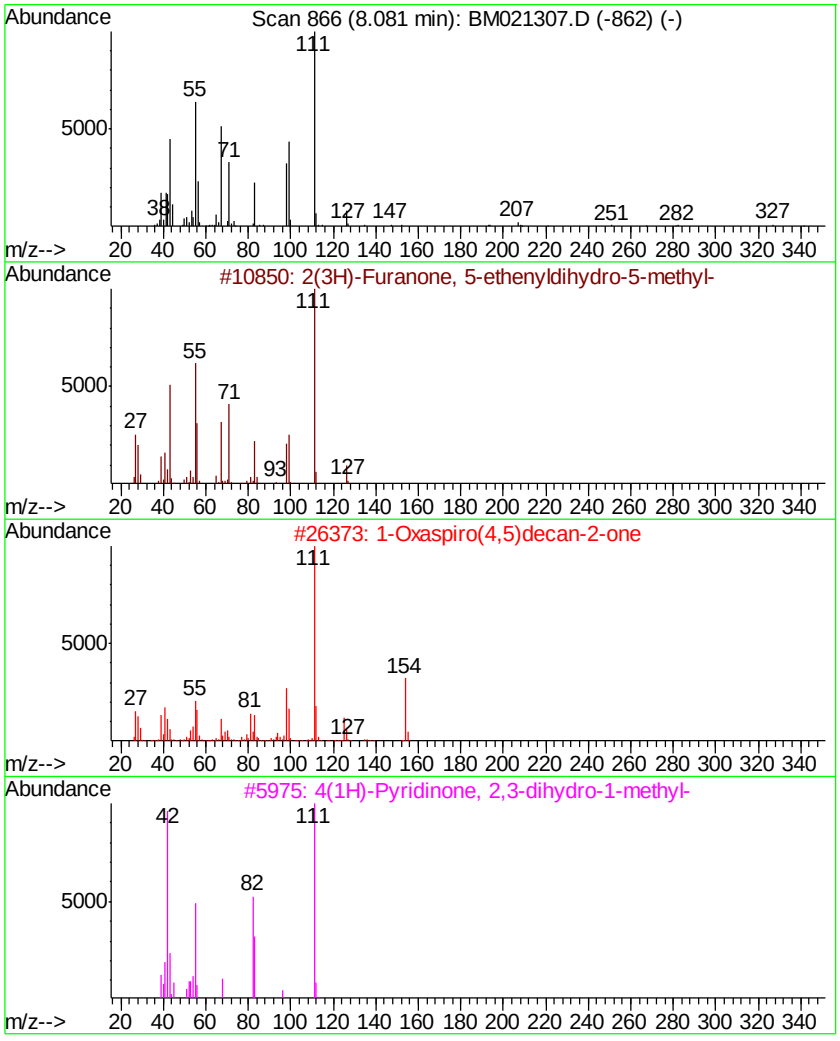
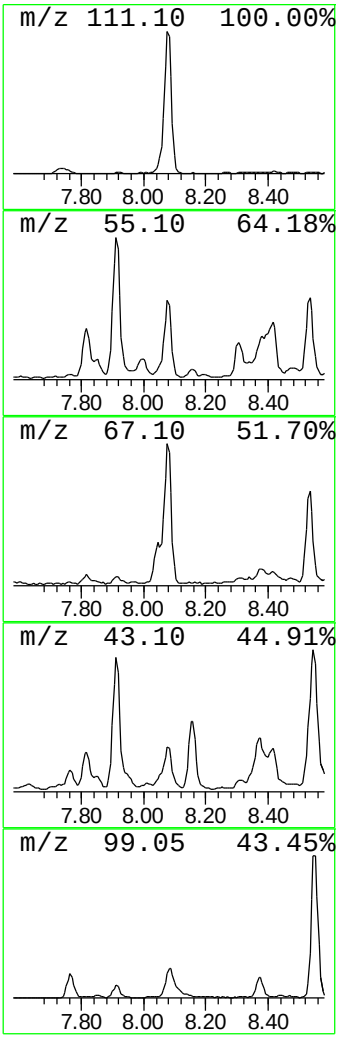
Peak Number 13 2(3H)-Furanone, 5-ethenyldi... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.08	11.34 ng/ul	706453	1,4-Dichlorobenzene-d4	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Furanone, 5-ethenyldihydro...	126	C7H10O2	001073-11-6	64
2	1-Oxaspiro(4,5)decan-2-one	154	C9H14O2	000699-61-6	50
3	4(1H)-Pyridinone, 2,3-dihydro-1-...	111	C6H9NO	035488-00-7	35
4	4(1H)-Pyrimidinone, 2-amino-	111	C4H5N3O	000108-53-2	35
5	2-Propenoic acid, 3-(2,2-dimethy...	186	C9H14O4	066601-82-9	32





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Quant Title : SVOA CALIBRATION

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

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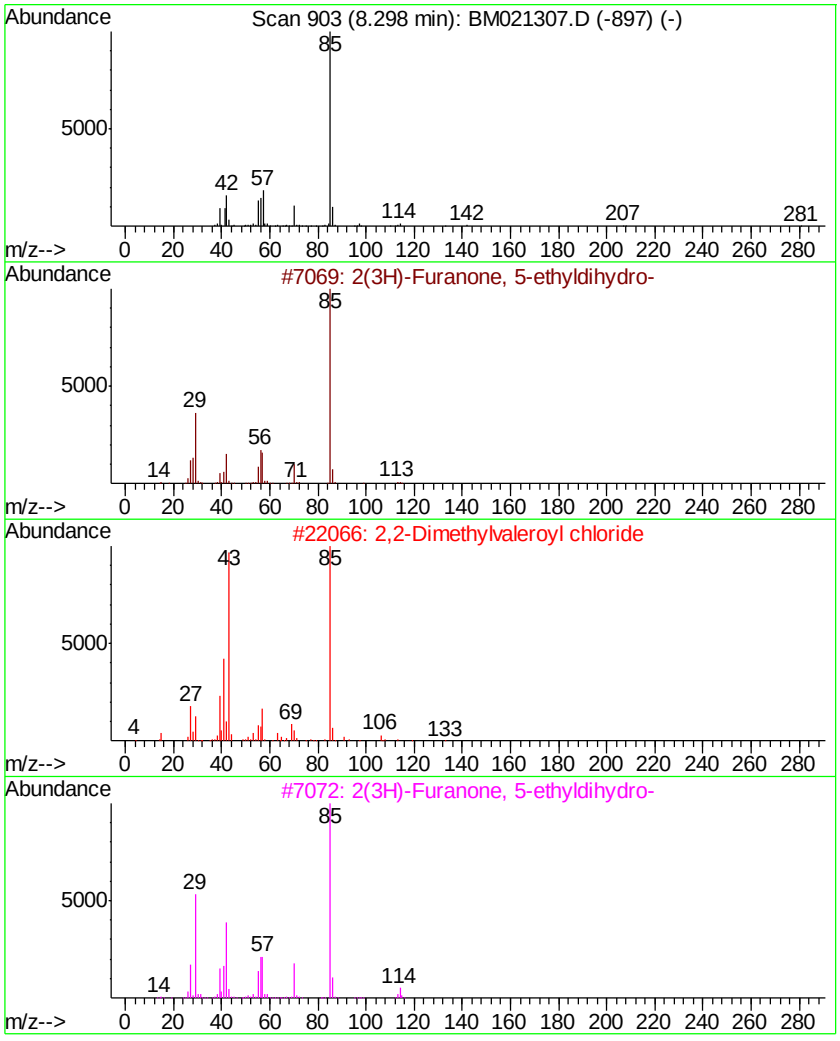
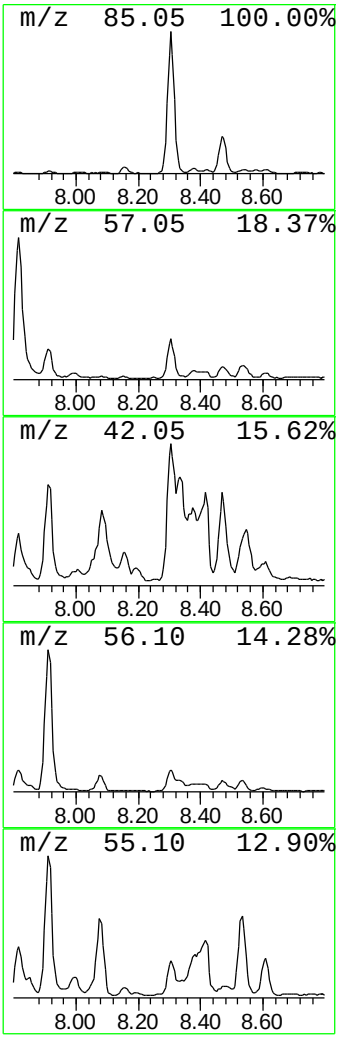
Peak Number 14 2(3H)-Furanone, 5-ethyldihy... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.30	10.56 ng/ul	657674	1,4-Dichlorobenzene-d4	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Furanone, 5-ethyldihydro-	114	C6H10O2	000695-06-7	91
2	2,2-Dimethylvaleroyl chloride	148	C7H13ClO	015721-22-9	78
3	2(3H)-Furanone, 5-ethyldihydro-	114	C6H10O2	000695-06-7	72
4	2(3H)-Furanone, 5-butyldihydro-	142	C8H14O2	000104-50-7	64
5	2(3H)-Furanone, 5-butyldihydro-	142	C8H14O2	000104-50-7	64





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Quant Title : SVOA CALIBRATION

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

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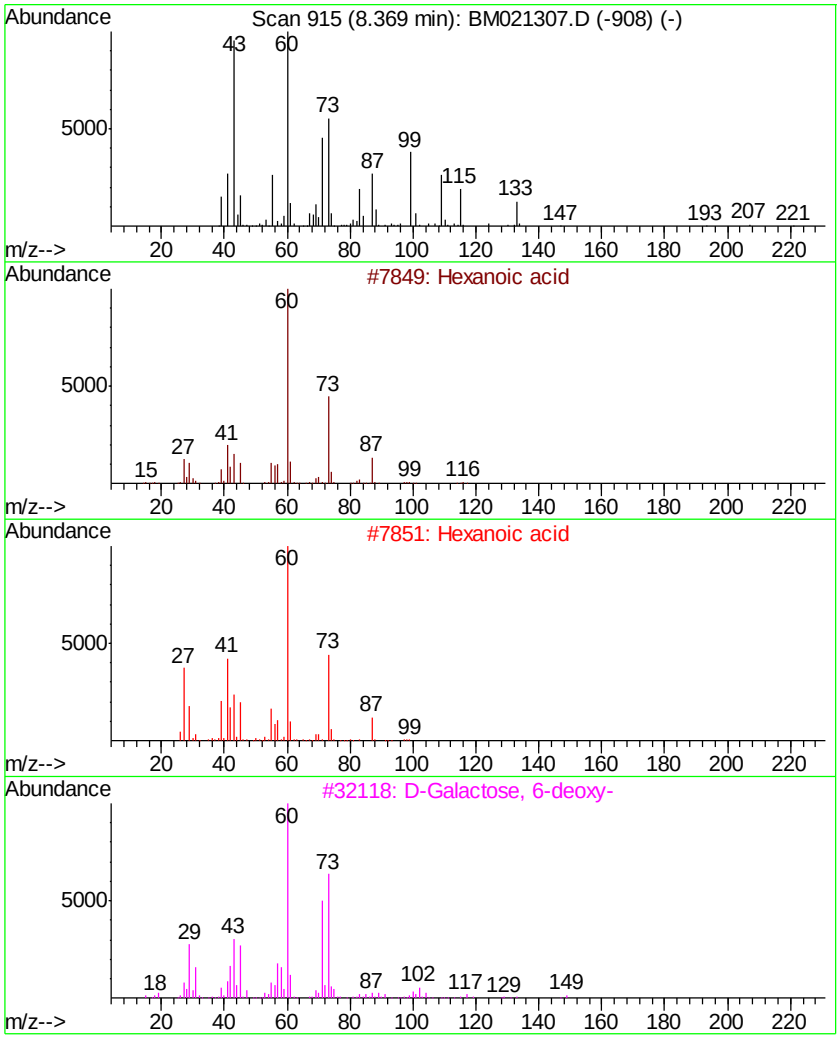
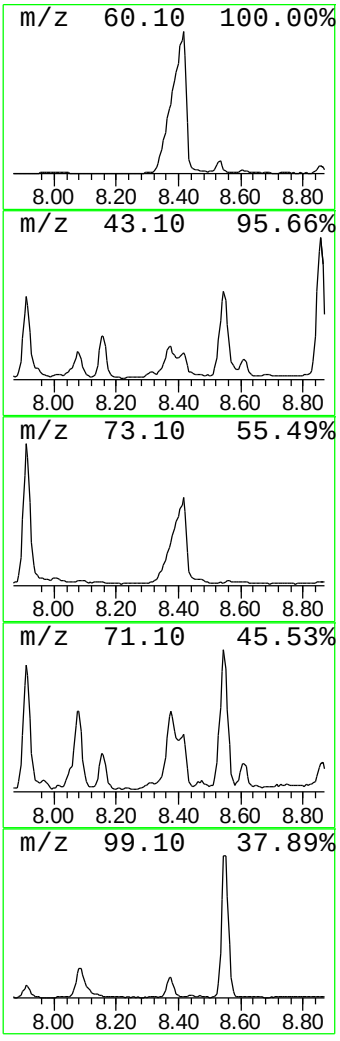
Peak Number 15 unknown-02 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.37	12.06 ng/ul	751179	1,4-Dichlorobenzene-d4	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid	116	C6H12O2	000142-62-1	38
2	Hexanoic acid	116	C6H12O2	000142-62-1	38
3	D-Galactose, 6-deoxy-	164	C6H12O5	003615-37-0	37
4	Heptanoic acid	130	C7H14O2	000111-14-8	37
5	Heptanoic acid	130	C7H14O2	000111-14-8	37





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Data File : BM021307.D
Acq On : 01 Jul 2019 13:50
Operator : HP/JU
Sample : K3559-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AE4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

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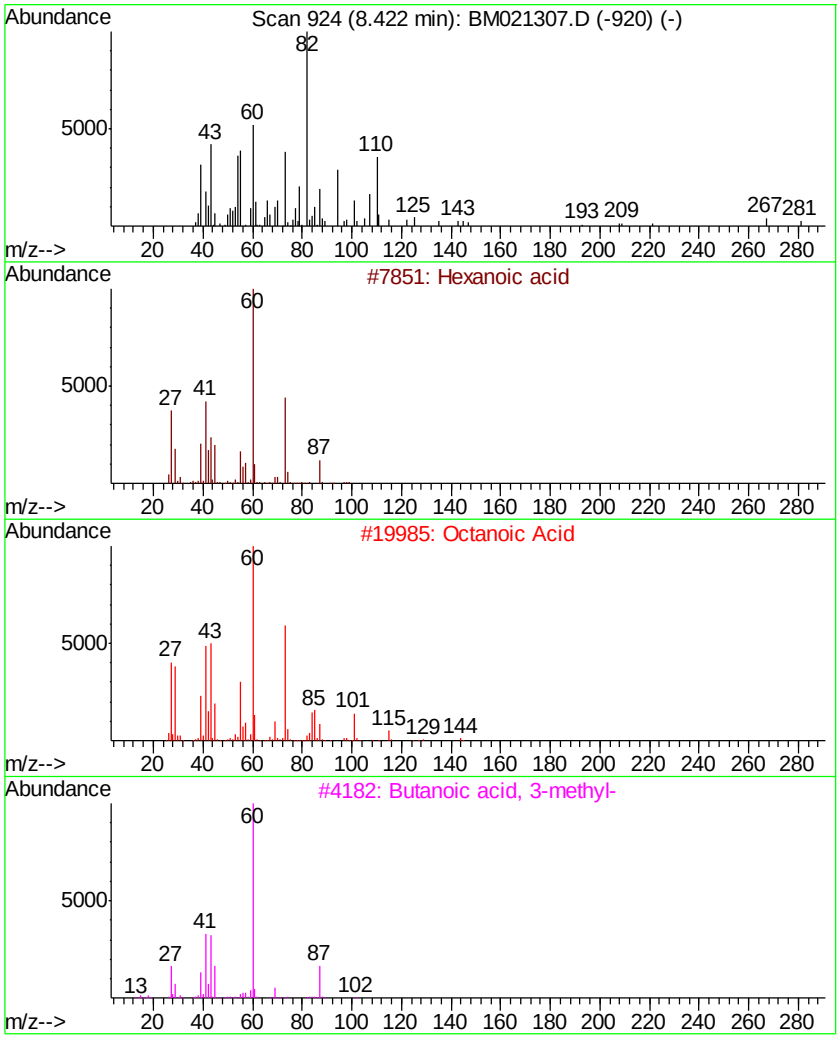
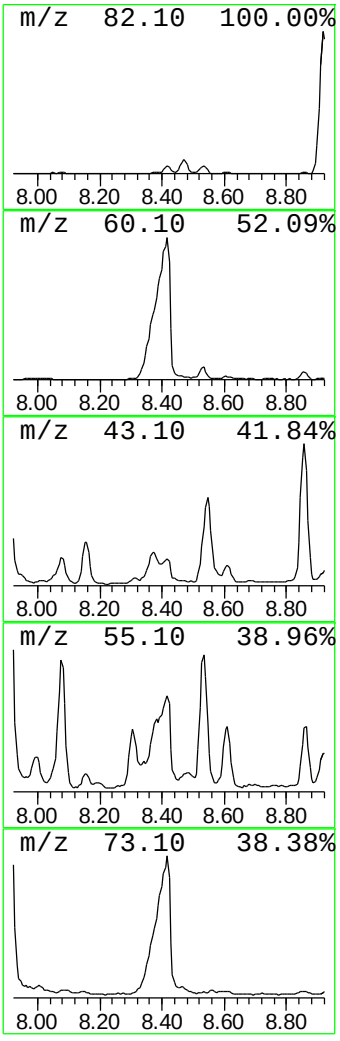
Peak Number 16 unknown-03 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.42	12.79 ng/ul	796881	1,4-Dichlorobenzene-d4	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid	116	C6H12O2	000142-62-1	47
2	Octanoic Acid	144	C8H16O2	000124-07-2	47
3	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	46
4	Pentanoic acid	102	C5H10O2	000109-52-4	43
5	Heptanoic acid	130	C7H14O2	000111-14-8	40





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Sample : K3559-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AE4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

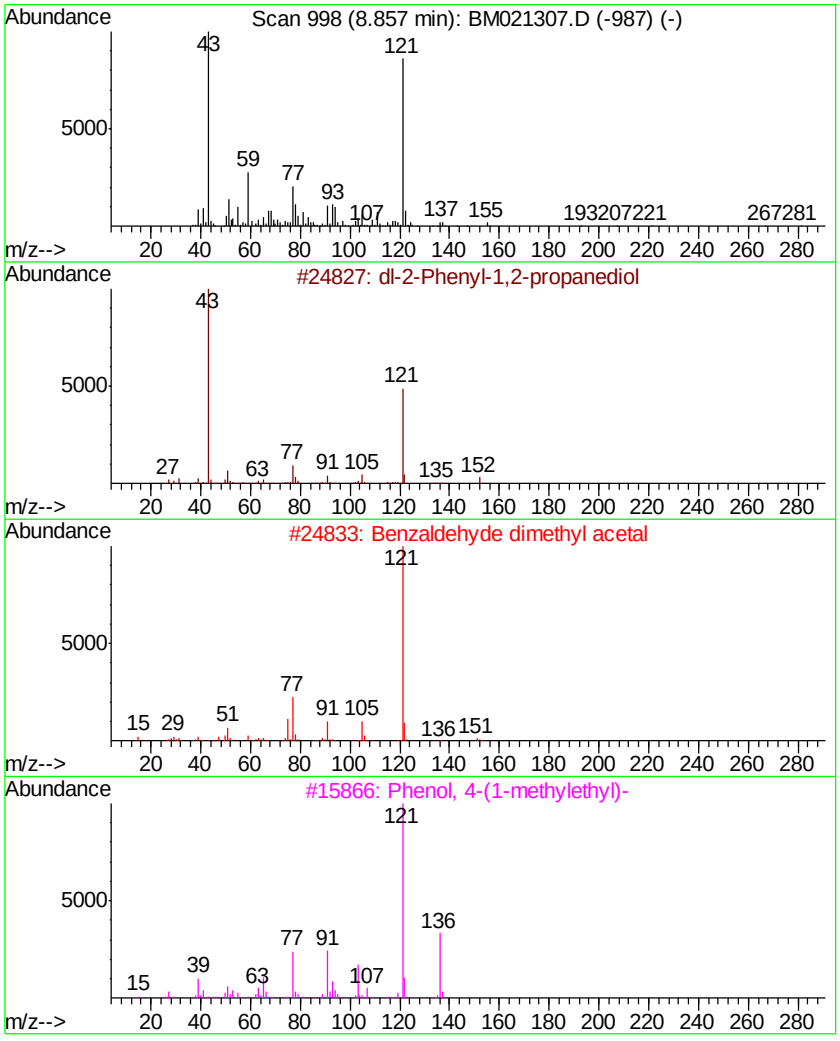
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

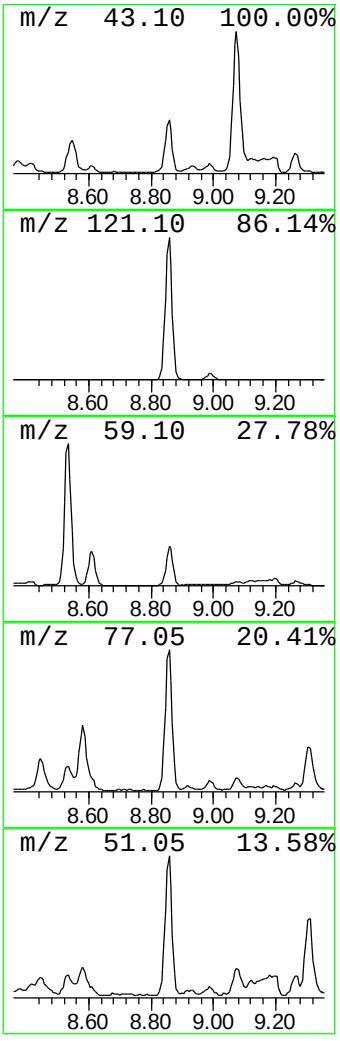
****

Peak Number 17 dl-2-Phenyl-1,2-propanediol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.86	27.40 ng/ul	1706890	1,4-Dichlorobenzene-d4	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	dl-2-Phenyl-1,2-propanediol	152	C9H12O2	004217-66-7	59
2	Benzaldehyde dimethyl acetal	152	C9H12O2	001125-88-8	53
3	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	50
4	Benzeneacetic acid, .alpha.-meth...	180	C10H12O3	056143-21-6	50
5	Ethanedione,(4-hydroxyphenyl)phe...	226	C14H10O3	038469-73-7	50





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AE4

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Quant Title : SVOA CALIBRATION

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

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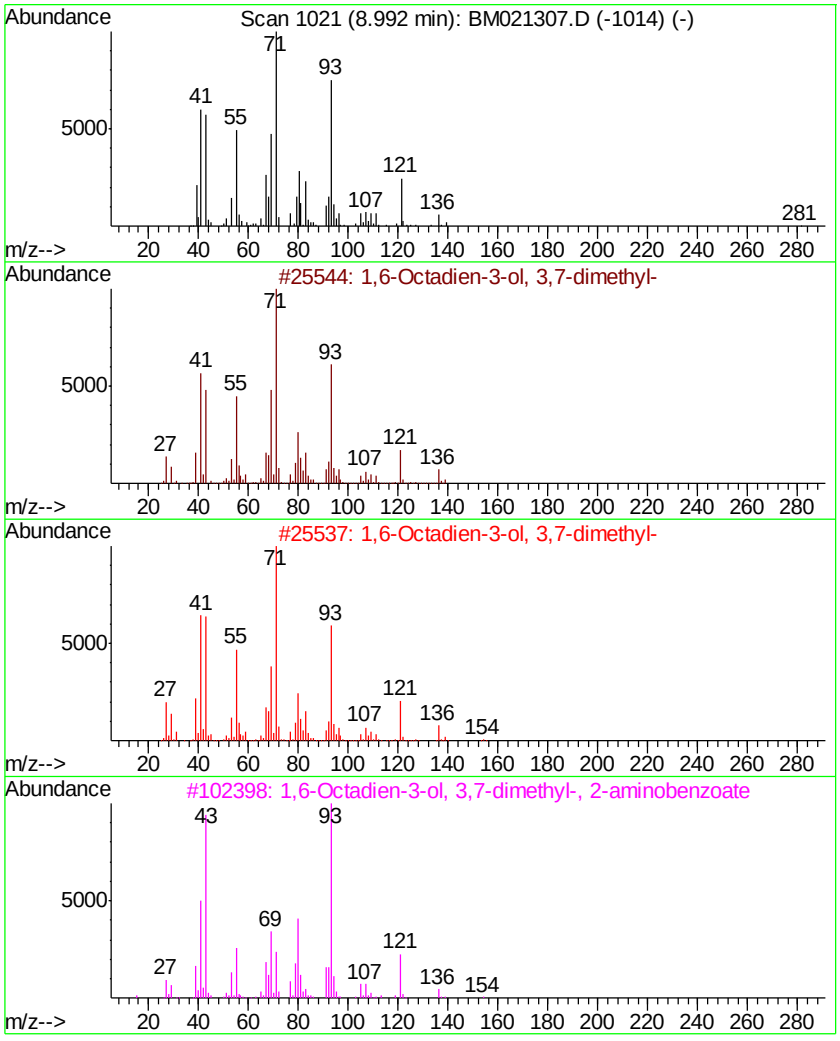
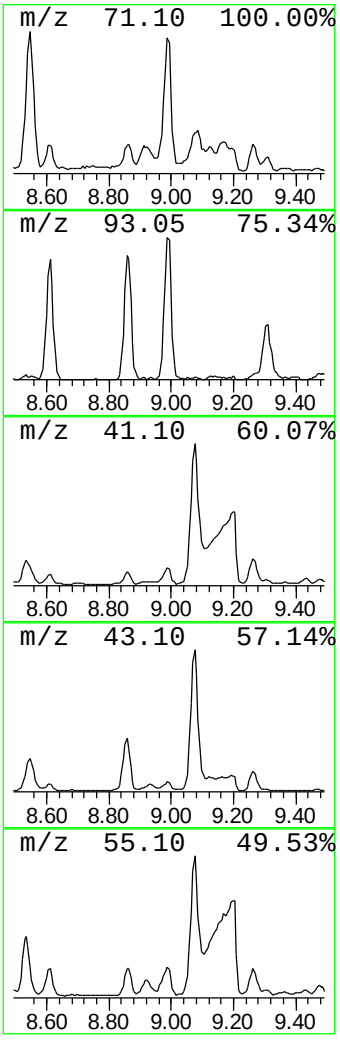
Peak Number 18 1,6-Octadien-3-ol, 3,7-dime... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.99	9.60 ng/ul	597780	1,4-Dichlorobenzene-d4	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6-Octadien-3-ol, 3,7-dimethyl-	154	C10H18O	000078-70-6	80
2	1,6-Octadien-3-ol, 3,7-dimethyl-	154	C10H18O	000078-70-6	64
3	1,6-Octadien-3-ol, 3,7-dimethyl-...	273	C17H23NO2	007149-26-0	45
4	1,3,7-Octatriene, 3,7-dimethyl-	136	C10H16	000502-99-8	41
5	.beta.-Myrcene	136	C10H16	000123-35-3	38





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Operator : HP/JU
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AE4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

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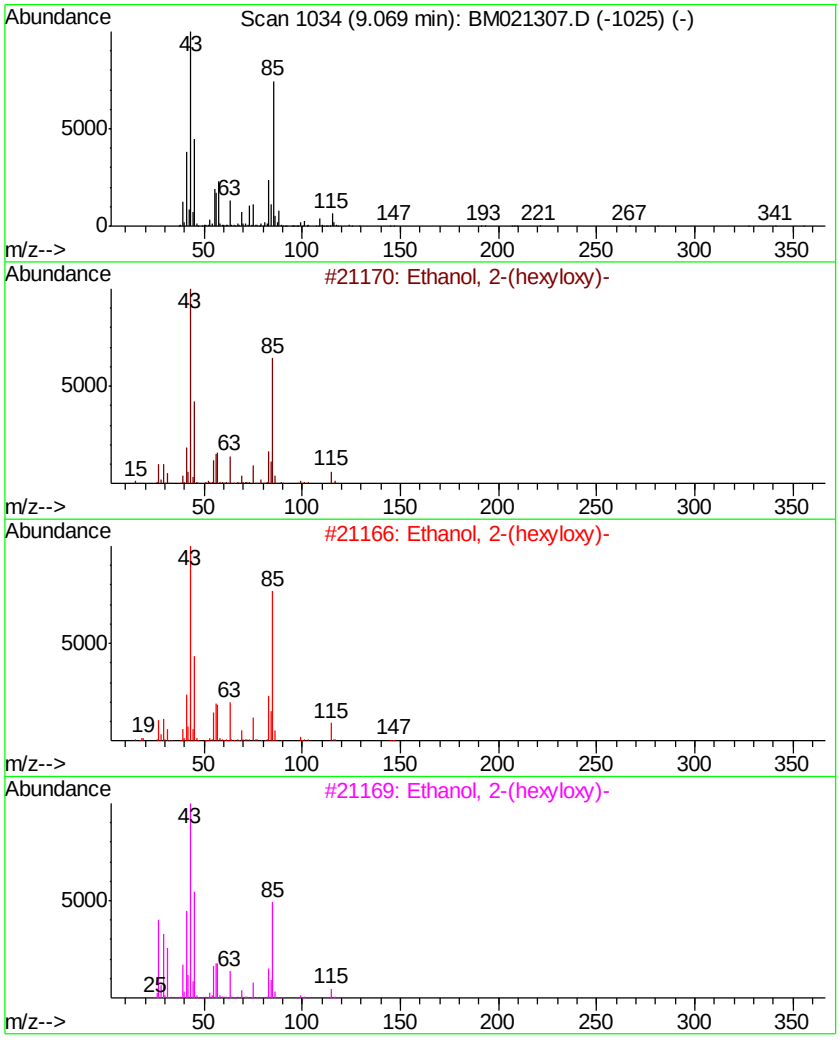
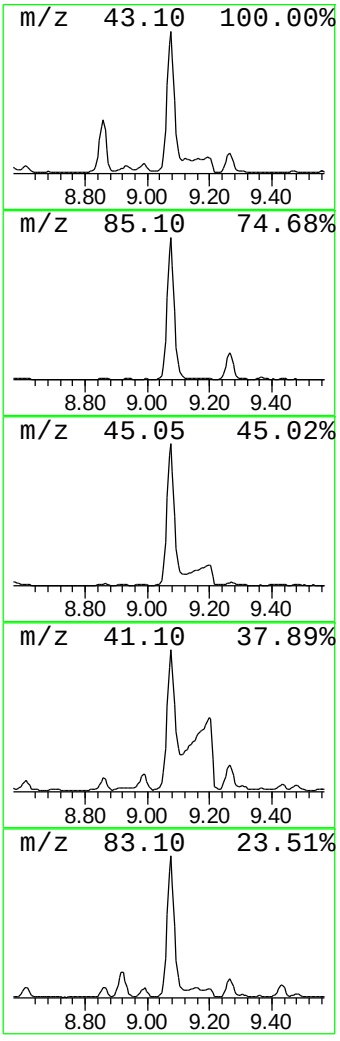
Peak Number 19 Ethanol, 2-(hexyloxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	91.79 ng/ul	5717240	1,4-Dichlorobenzene-d4	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(hexyloxy)-	146	C8H18O2	000112-25-4	72
2	Ethanol, 2-(hexyloxy)-	146	C8H18O2	000112-25-4	59
3	Ethanol, 2-(hexyloxy)-	146	C8H18O2	000112-25-4	43
4	2H-Pyran, 2-[(6-chlorohexyl)oxy]...	220	C11H21ClO2	002009-84-9	37
5	1-Hexanol, 6-[(tetrahydro-2H-pyr...	202	C11H22O3	028659-22-5	37





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Sample : K3559-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AE4

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Quant Title : SVOA CALIBRATION

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

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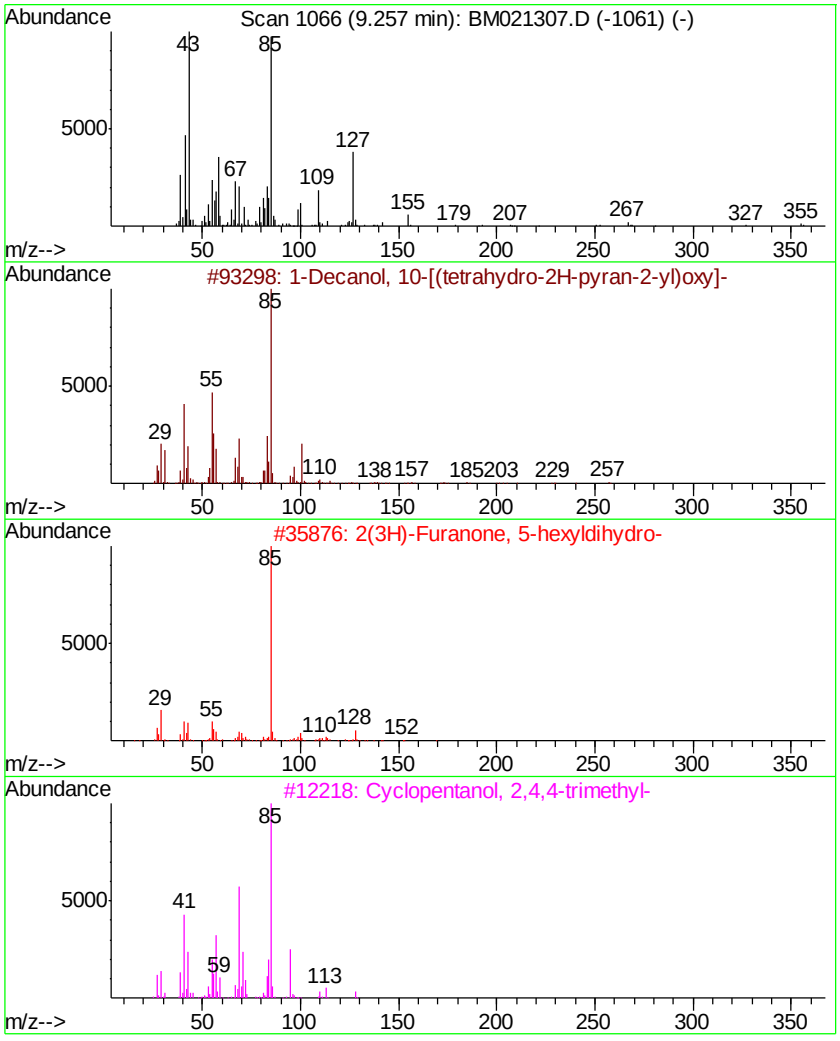
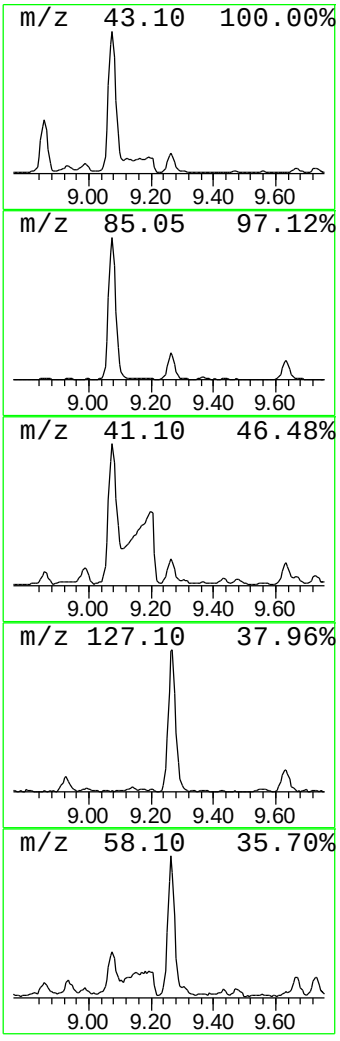
Peak Number 20 unknown-04 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.26	11.14 ng/ul	1203670	Naphthalene-d8	10.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 10-[(tetrahydro-2H-py...	258	C15H30O3	043047-93-4	38
2	2(3H)-Furanone, 5-hexyldihydro-	170	C10H18O2	000706-14-9	35
3	Cyclopentanol, 2,4,4-trimethyl-	128	C8H16O	056470-83-8	35
4	trans-4-Methoxy-3-buten-2-one	100	C5H8O2	051731-17-0	30
5	2-Methoxy-2-methylbut-3-ene	100	C6H12O	040426-44-6	30





Library Search Compound Report

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Acq On : 01 Jul 2019 13:50
Operator : HP/JU
Sample : K3559-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AE4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

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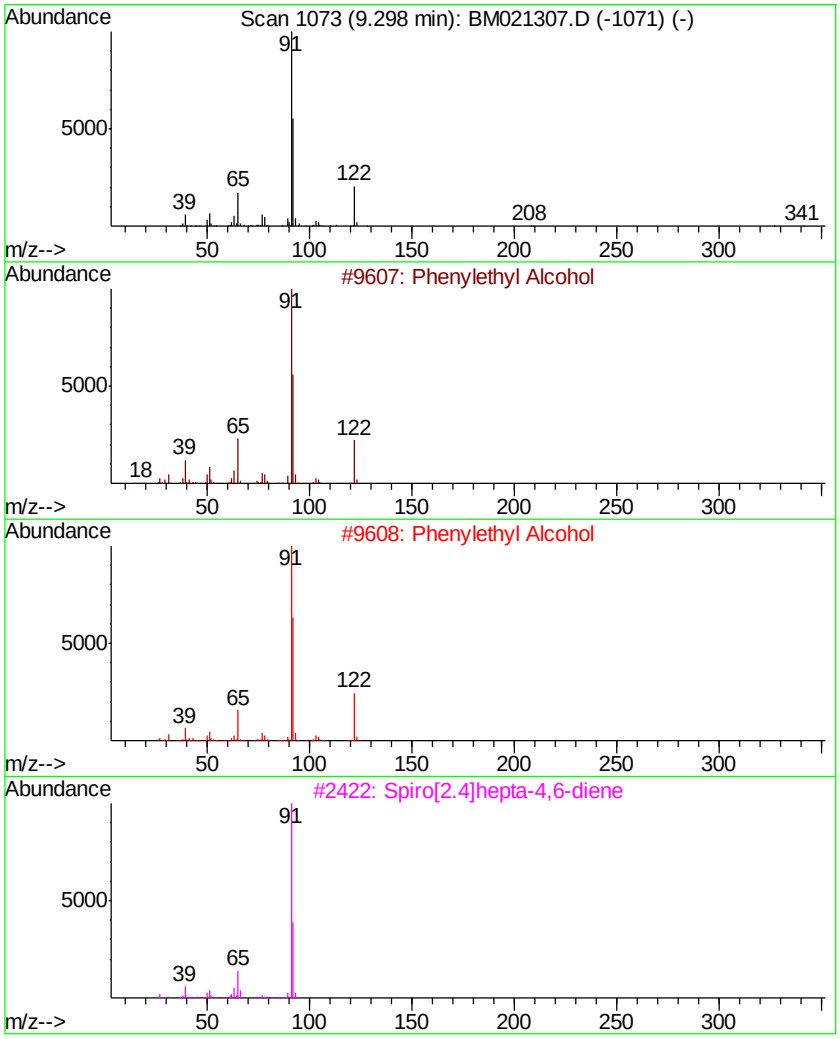
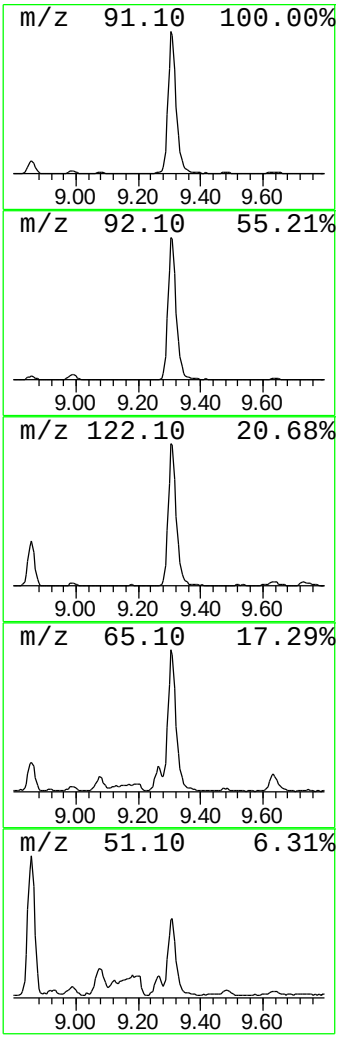
Peak Number 21 Phenylethyl Alcohol Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	11.35 ng/ul	1225800	Naphthalene-d8	10.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenylethyl Alcohol	122	C8H10O	000060-12-8	93
2	Phenylethyl Alcohol	122	C8H10O	000060-12-8	91
3	Spiro[2.4]hepta-4,6-diene	92	C7H8	000765-46-8	70
4	Benzene, (butoxymethyl)-	164	C11H16O	000588-67-0	59
5	Cyclobutene, 2-propenylidene-	92	C7H8	052097-85-5	58





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Operator : HP/JU
Sample : K3559-02
Misc :
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Instrument : BNA_M
ClientSampleId : C5AE4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

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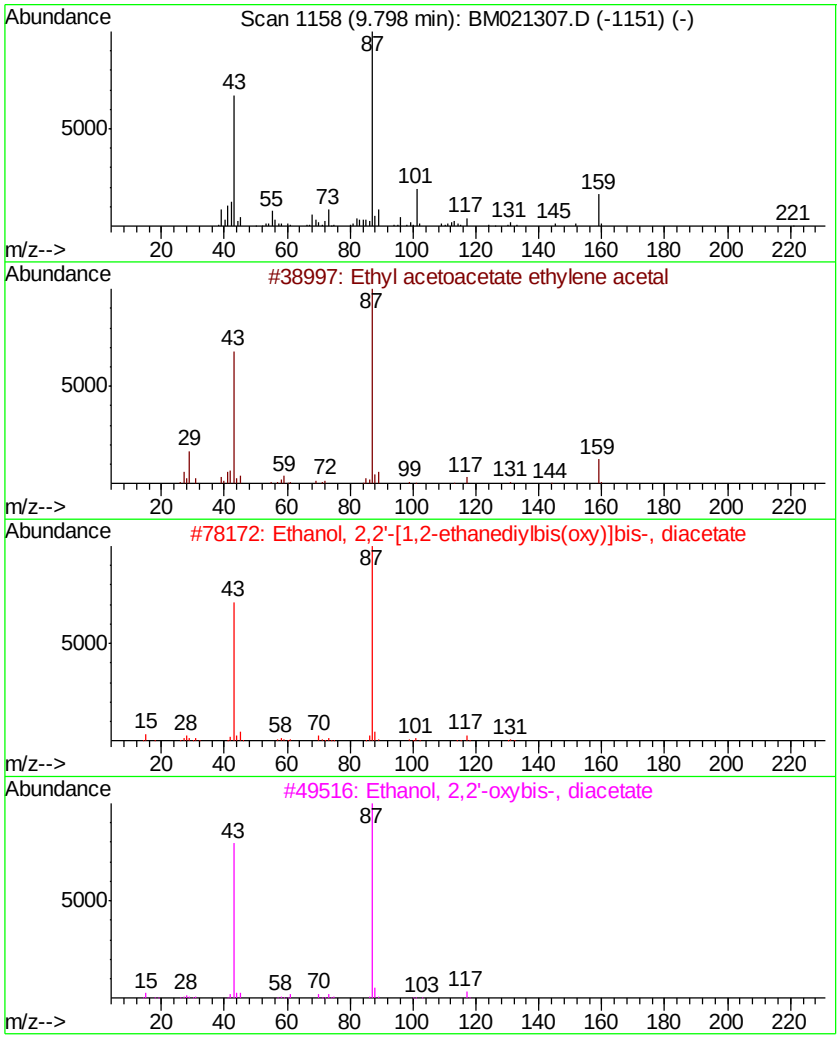
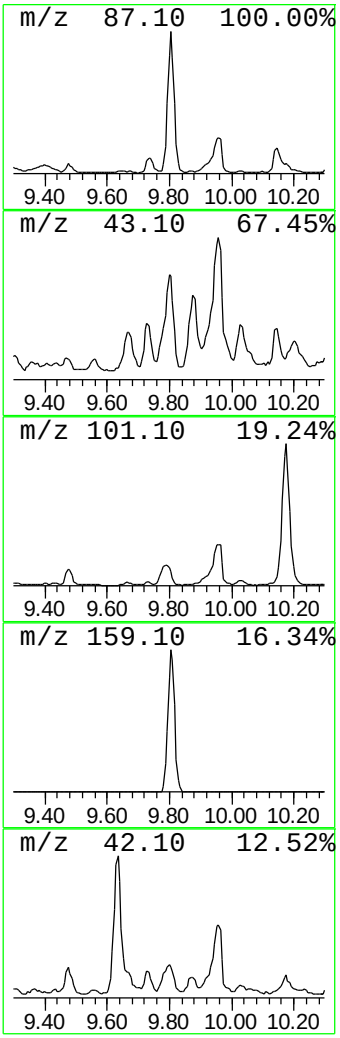
Peak Number 22 Ethyl acetoacetate ethylene... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	3.63 ng/ul	392524	Naphthalene-d8	10.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl acetoacetate ethylene acetal	174	C8H14O4	006413-10-1	72
2	Ethanol, 2,2'-[1,2-ethanediylbis...	234	C10H18O6	000111-21-7	47
3	Ethanol, 2,2'-oxybis-, diacetate	190	C8H14O5	000628-68-2	42
4	1,3-Dioxolane, 2-butyl-4-methyl-	144	C8H16O2	074094-60-3	42
5	Ethanol, 2,2'-[1,2-ethanediylbis...	234	C10H18O6	000111-21-7	42





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Instrument : BNA_M
ClientSampleId : C5AE4

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Quant Title : SVOA CALIBRATION

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

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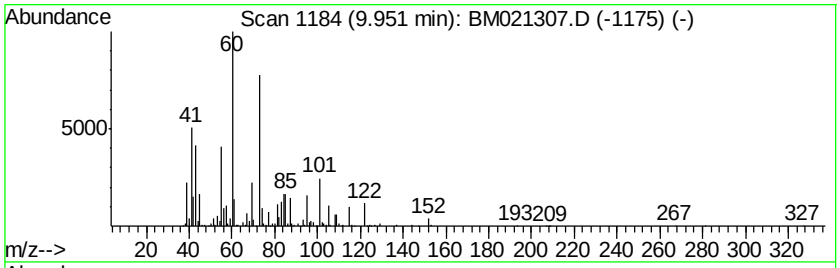
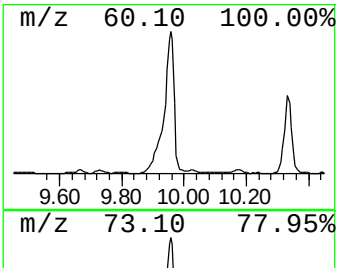
Peak Number 24 Octanoic Acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	26.59 ng/ul	2872230	Naphthalene-d8	10.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic Acid	144	C8H16O2	000124-07-2	96
2	Octanoic Acid	144	C8H16O2	000124-07-2	59
3	Octanoic Acid	144	C8H16O2	000124-07-2	59
4	Hexanoic acid	116	C6H12O2	000142-62-1	50
5	n-Decanoic acid	172	C10H20O2	000334-48-5	50





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ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AE4

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Quant Title : SVOA CALIBRATION

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

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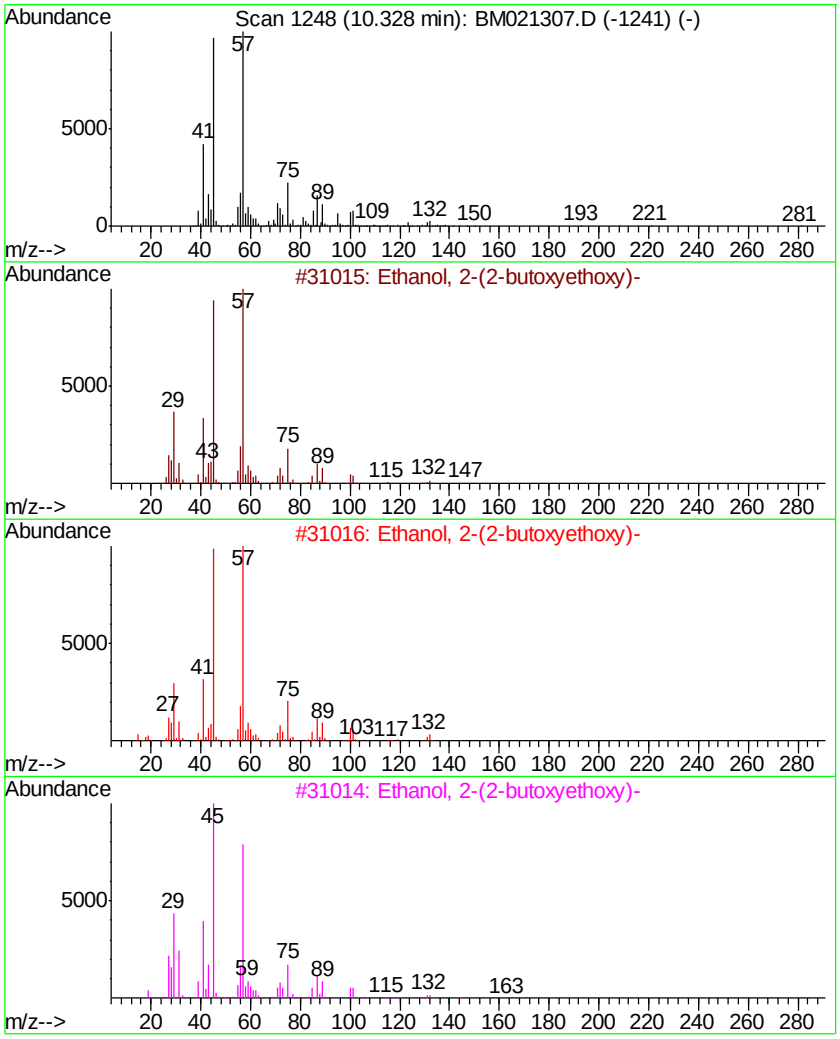
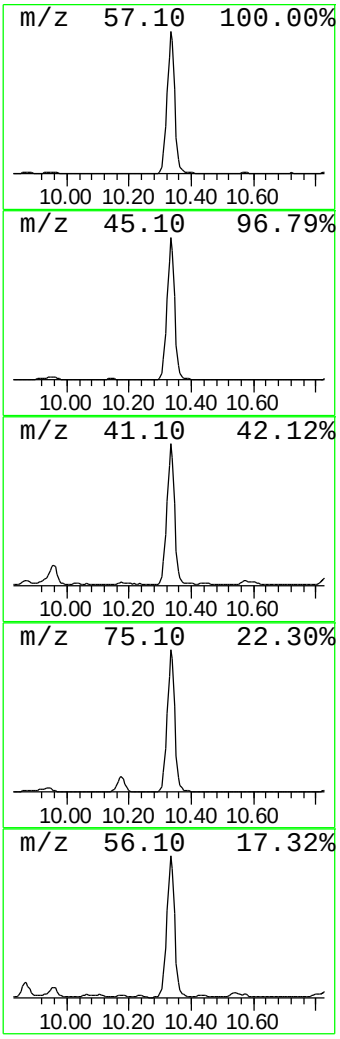
Peak Number 25 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	85.24 ng/ul	9208150	Naphthalene-d8	10.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
3	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	86
4	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
5	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	64





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AE4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

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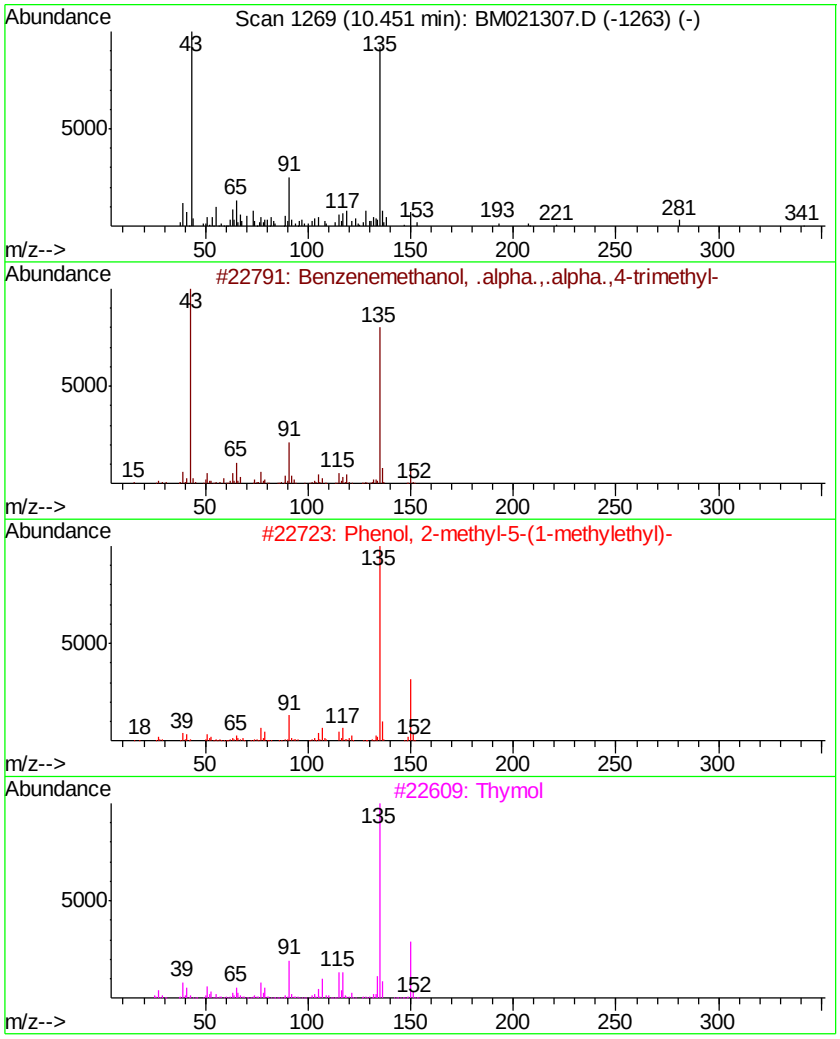
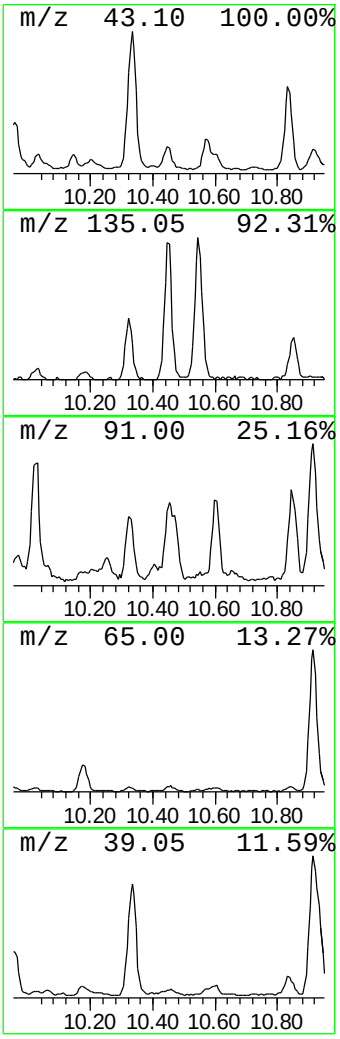
Peak Number 26 Benzenemethanol, .alpha.,.a... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.45	3.19 ng/ul	344499	Naphthalene-d8	10.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanol, .alpha.,.alpha....	150	C10H14O	001197-01-9	74
2	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	64
3	Thymol	150	C10H14O	000089-83-8	59
4	m-Anisic acid, undec-2-enyl ester	304	C19H28O3	1000292-59-8	53
5	Adenine	135	C5H5N5	000073-24-5	53





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Quant Title : SVOA CALIBRATION

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

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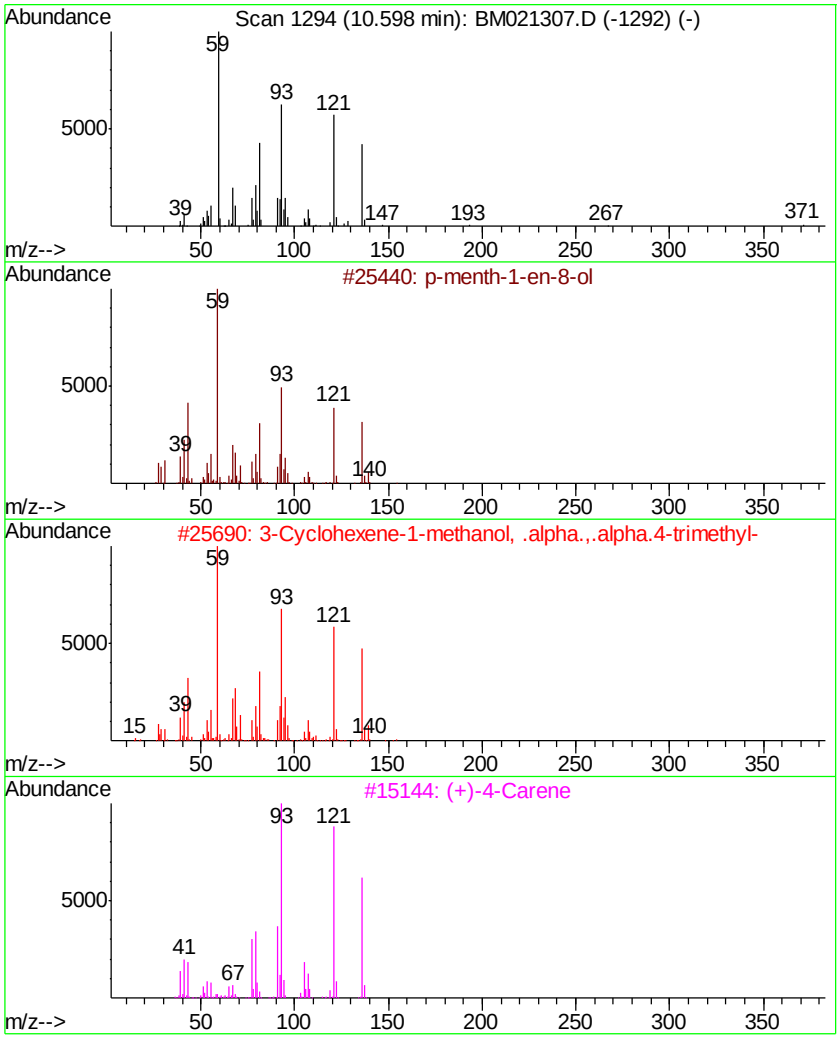
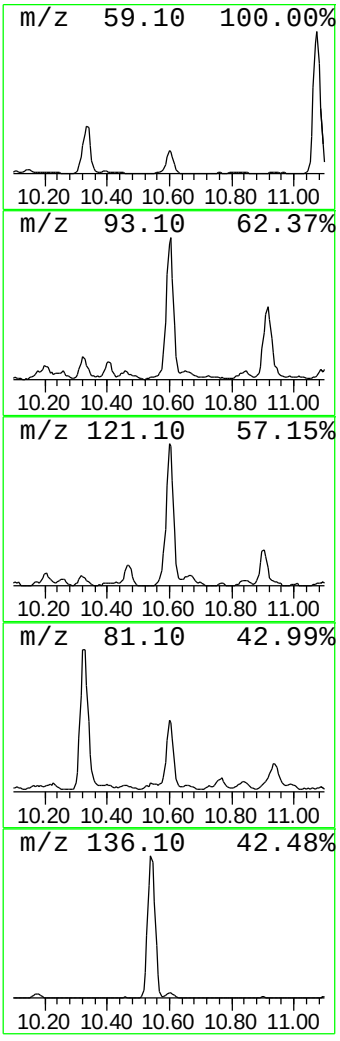
Peak Number 27 p-menth-1-en-8-ol Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	4.11 ng/ul	443984	Naphthalene-d8	10.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-menth-1-en-8-ol	154	C10H18O	1000157-89-9	72
2	3-Cyclohexene-1-methanol, .alpha...	154	C10H18O	000098-55-5	53
3	(+)-4-Carene	136	C10H16	029050-33-7	50
4	Cyclohexane, 1-methylene-4-(1-me...	136	C10H16	000499-97-8	50
5	3-Cyclohexene-1-methanol, .alpha...	154	C10H18O	000098-55-5	50





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Operator : HP/JU
Sample : K3559-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AE4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

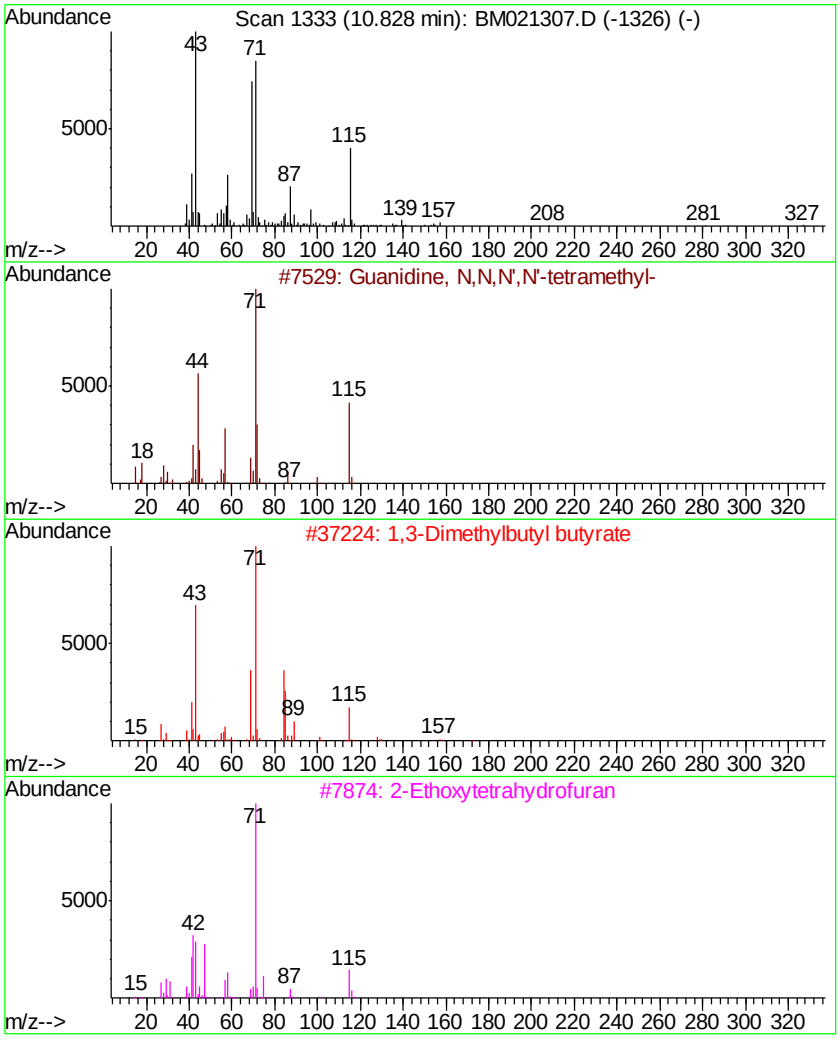
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

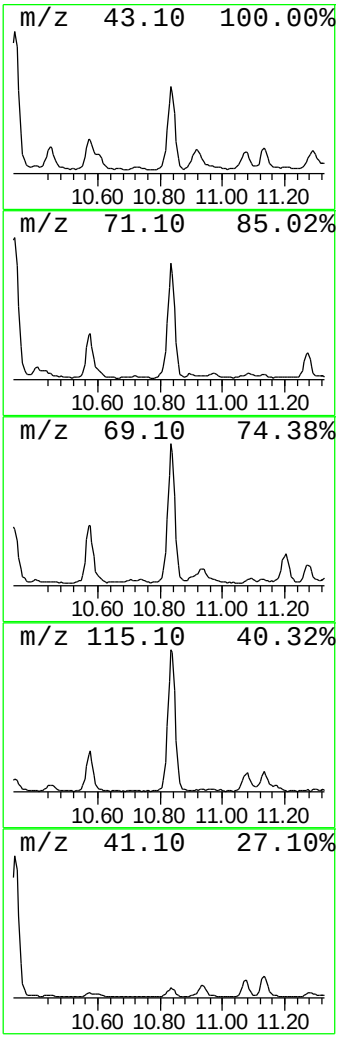
****

Peak Number 28 unknown-05 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	9.64 ng/ul	1040860	Naphthalene-d8	10.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Guanidine, N,N,N',N'-tetramethyl-	115	C5H13N3	000080-70-6	38
2	1,3-Dimethylbutyl butyrate	172	C10H20O2	005332-88-7	27
3	2-Ethoxytetrahydrofuran	116	C6H12O2	013436-46-9	27
4	3,3-Dimethyl-2,4-pentane dione	128	C7H12O2	003142-58-3	25
5	2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	25





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Acq On : 01 Jul 2019 13:50
Operator : HP/JU
Sample : K3559-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AE4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

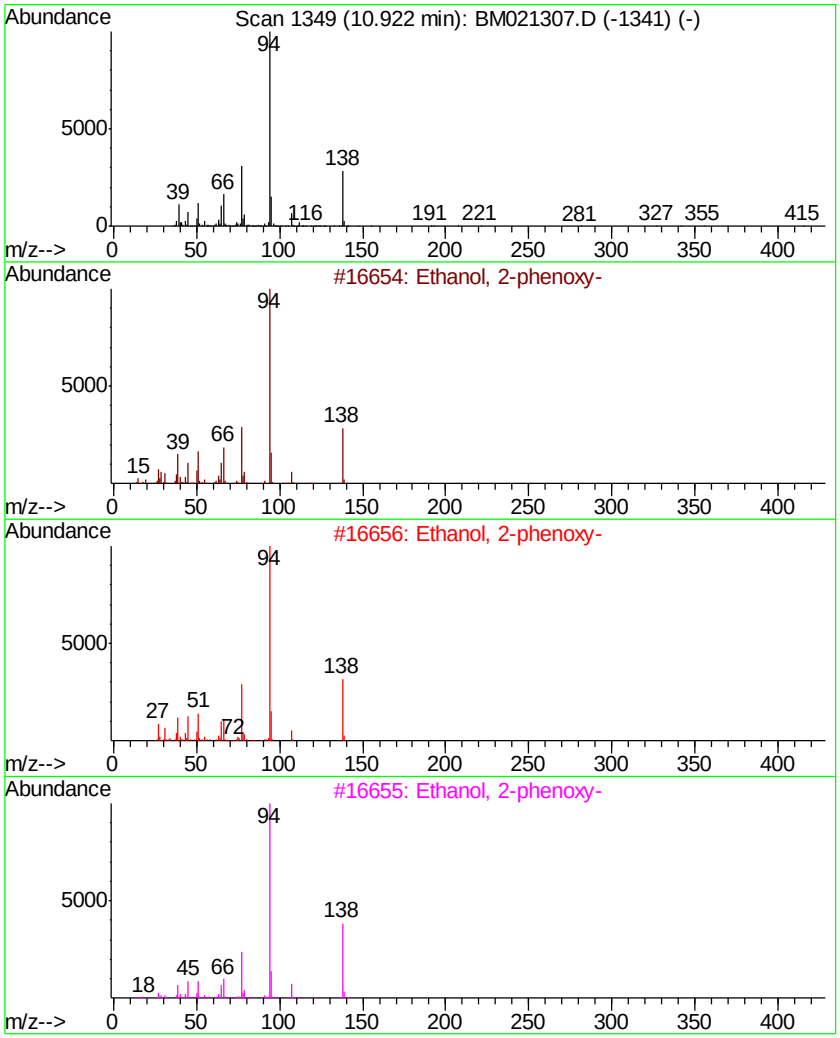
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

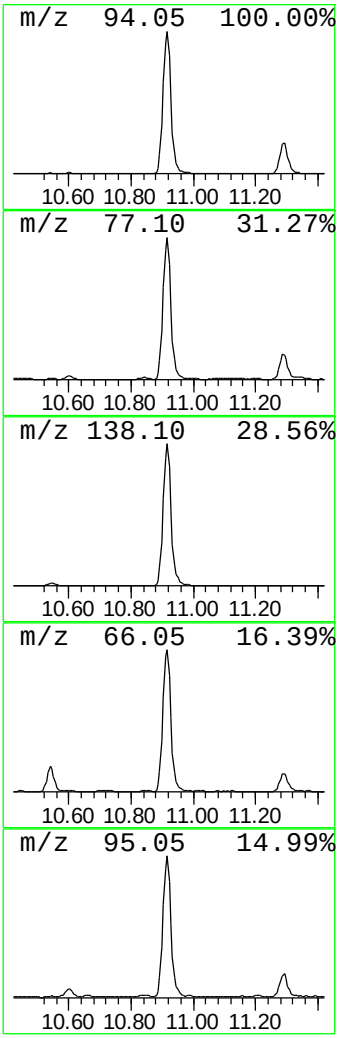
****

Peak Number 29 Ethanol, 2-phenoxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	49.49 ng/ul	5345600	Naphthalene-d8	10.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-phenoxy-	138	C8H10O2	000122-99-6	97
2	Ethanol, 2-phenoxy-	138	C8H10O2	000122-99-6	91
3	Ethanol, 2-phenoxy-	138	C8H10O2	000122-99-6	91
4	Carbonic acid, neopentyl phenyl ...	208	C12H16O3	013183-19-2	64
5	Benzene, ethoxy-	122	C8H10O	000103-73-1	53





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Data File : BM021307.D
Acq On : 01 Jul 2019 13:50
Operator : HP/JU
Sample : K3559-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AE4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

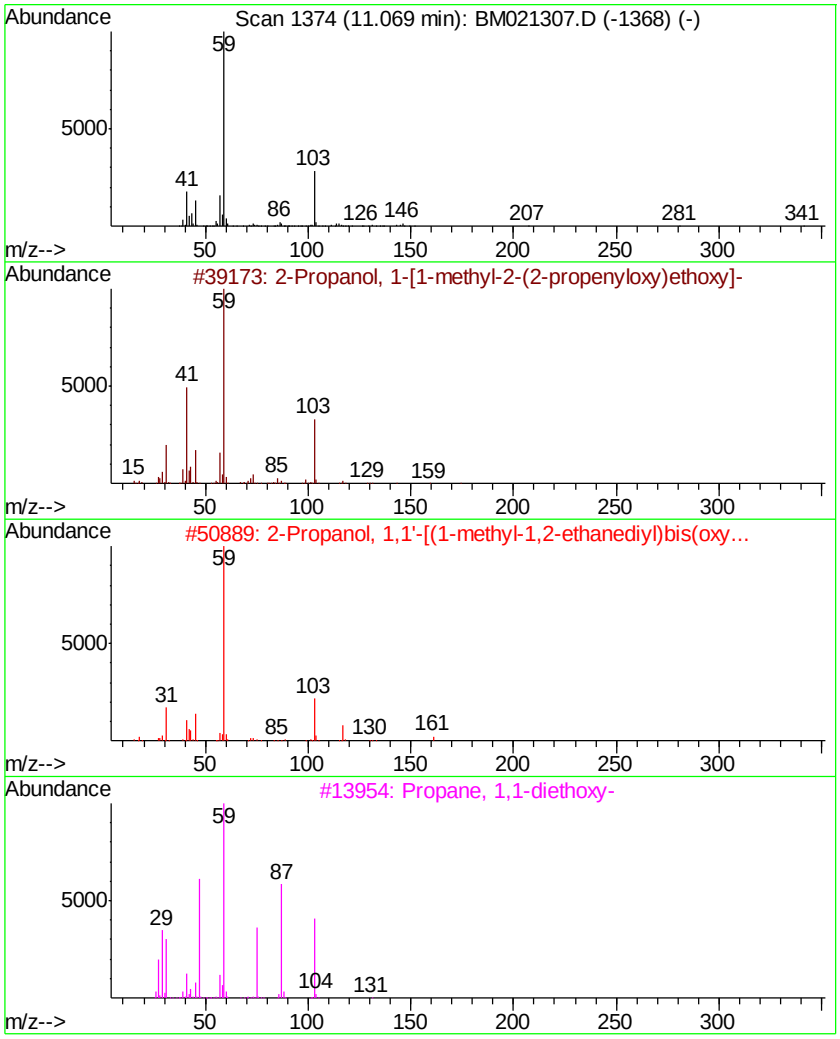
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

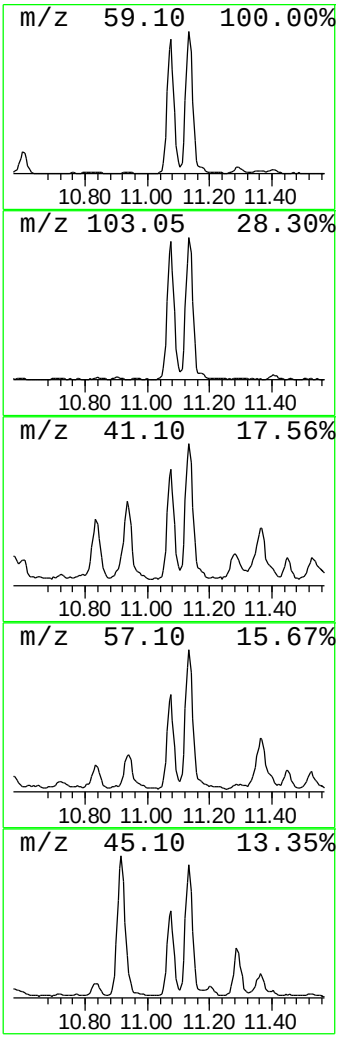
****

Peak Number 30 2-Propanol, 1-[1-methyl-2-(... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	11.63 ng/ul	1256640	Naphthalene-d8	10.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	78
2	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	72
3	Propane, 1,1-diethoxy-	132	C7H16O2	004744-08-5	72
4	Methane, diethoxy-	104	C5H12O2	000462-95-3	72
5	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	72





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Acq On : 01 Jul 2019 13:50
Operator : HP/JU
Sample : K3559-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AE4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

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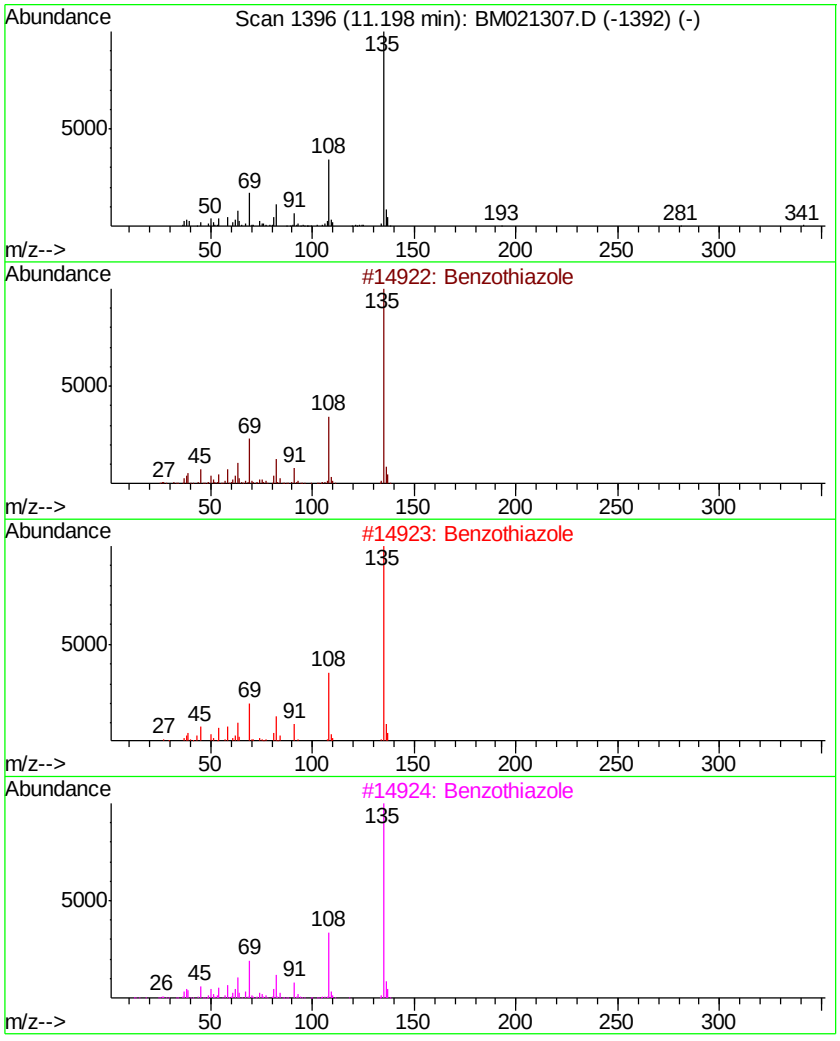
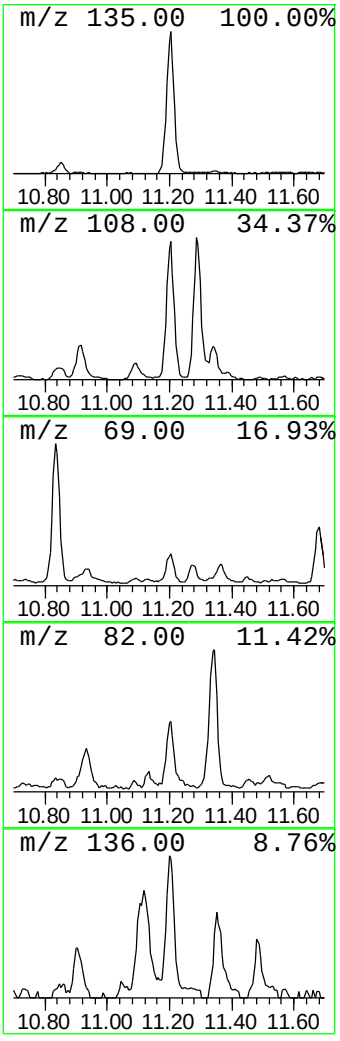
Peak Number 32 Benzothiazole Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	4.21 ng/ul	455119	Naphthalene-d8	10.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzothiazole	135	C7H5NS	000095-16-9	94
2	Benzothiazole	135	C7H5NS	000095-16-9	94
3	Benzothiazole	135	C7H5NS	000095-16-9	91
4	1,2-Benzisothiazole	135	C7H5NS	000272-16-2	90
5	Adenine	135	C5H5N5	000073-24-5	64





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Acq On : 01 Jul 2019 13:50
Operator : HP/JU
Sample : K3559-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AE4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

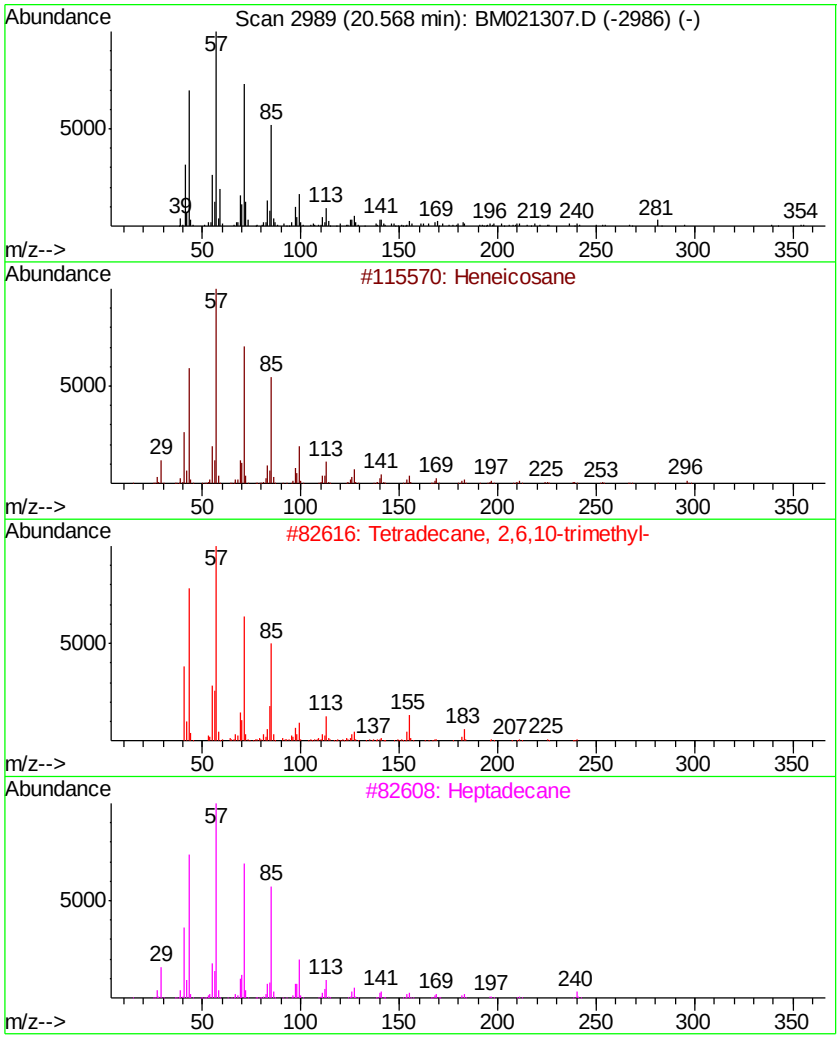
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

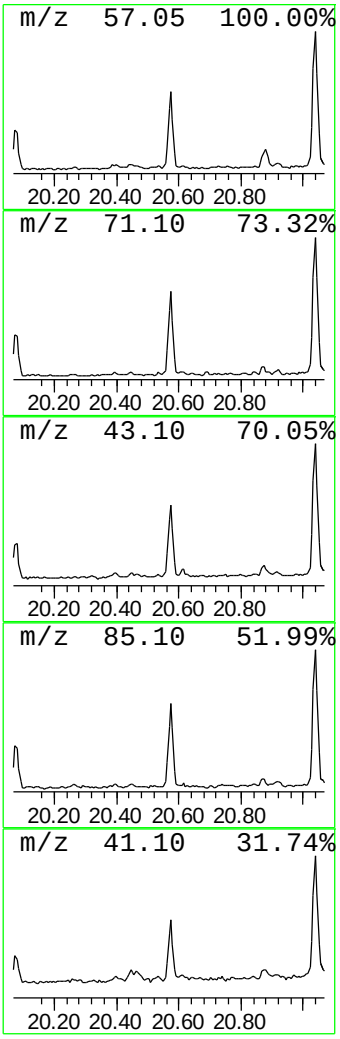
****

Peak Number 63 (DEL) Alkane: Straight-Chai... Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.57	2.22 ng/ul	304093	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	87
2	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	83
3	Heptadecane	240	C17H36	000629-78-7	83
4	Tetratetracontane	619	C44H90	007098-22-8	76
5	Octadecane	254	C18H38	000593-45-3	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070119\
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Acq On : 01 Jul 2019 13:50
Operator : HP/JU
Sample : K3559-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AE4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

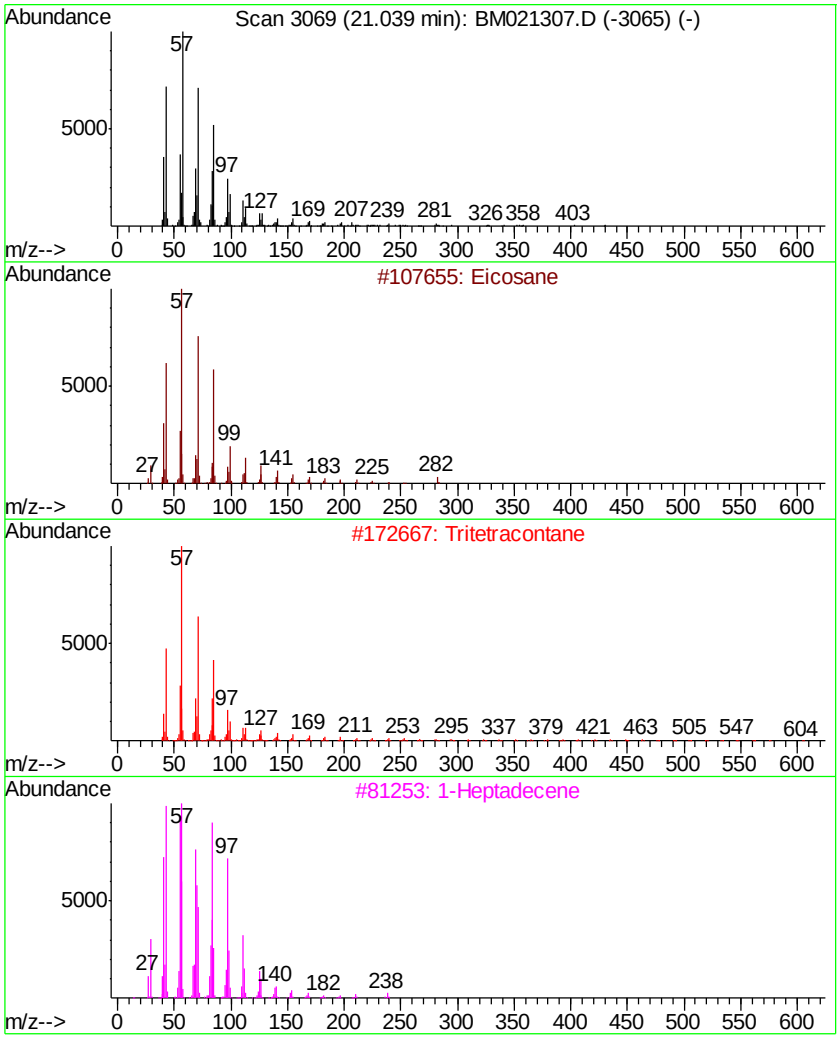
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

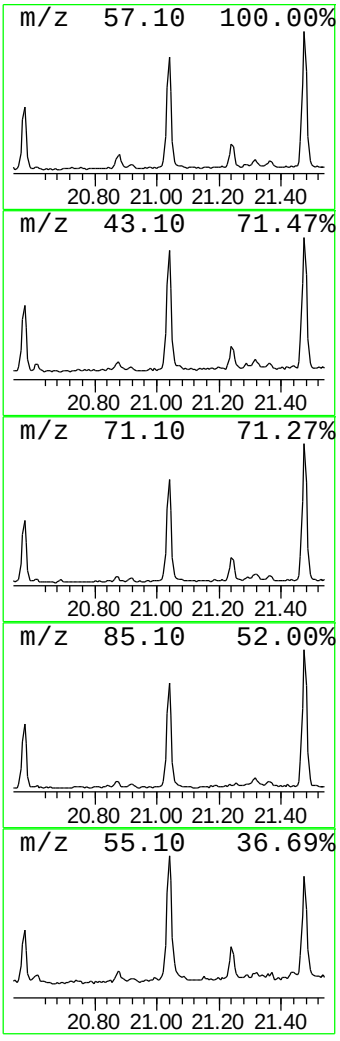
****

Peak Number 64 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	4.75 ng/ul	649416	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Tritetracontane	605	C43H88	007098-21-7	87
3	1-Heptadecene	238	C17H34	006765-39-5	80
4	Pentadecane	212	C15H32	000629-62-9	70
5	Octadecane	254	C18H38	000593-45-3	62





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070119\
Data File : BM021307.D
Acq On : 01 Jul 2019 13:50
Operator : HP/JU
Sample : K3559-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AE4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

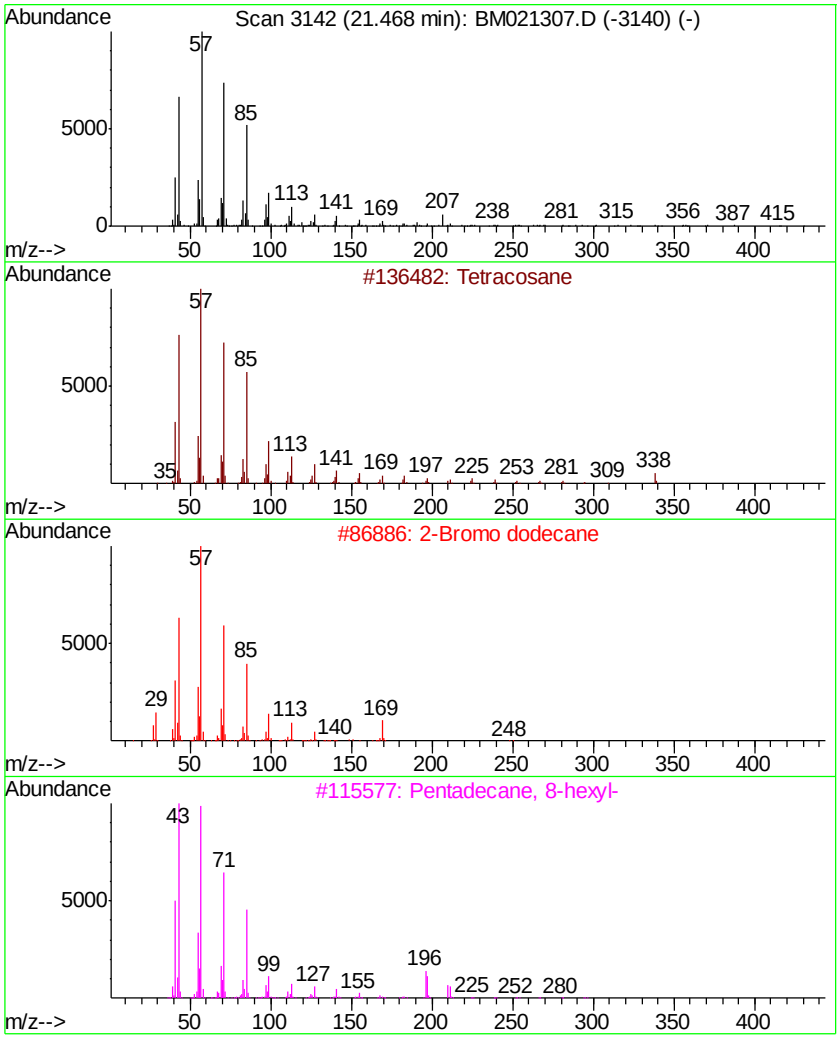
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

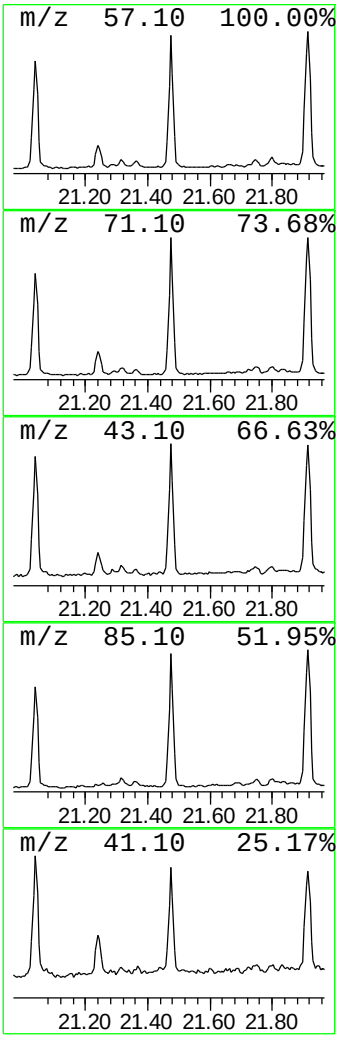
****

Peak Number 65 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.47	3.95 ng/ul	540218	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	94
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
4	Nonadecane	268	C19H40	000629-92-5	93
5	Tetracosane	338	C24H50	000646-31-1	91





Library Search Compound Report

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Acq On : 01 Jul 2019 13:50
Operator : HP/JU
Sample : K3559-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AE4

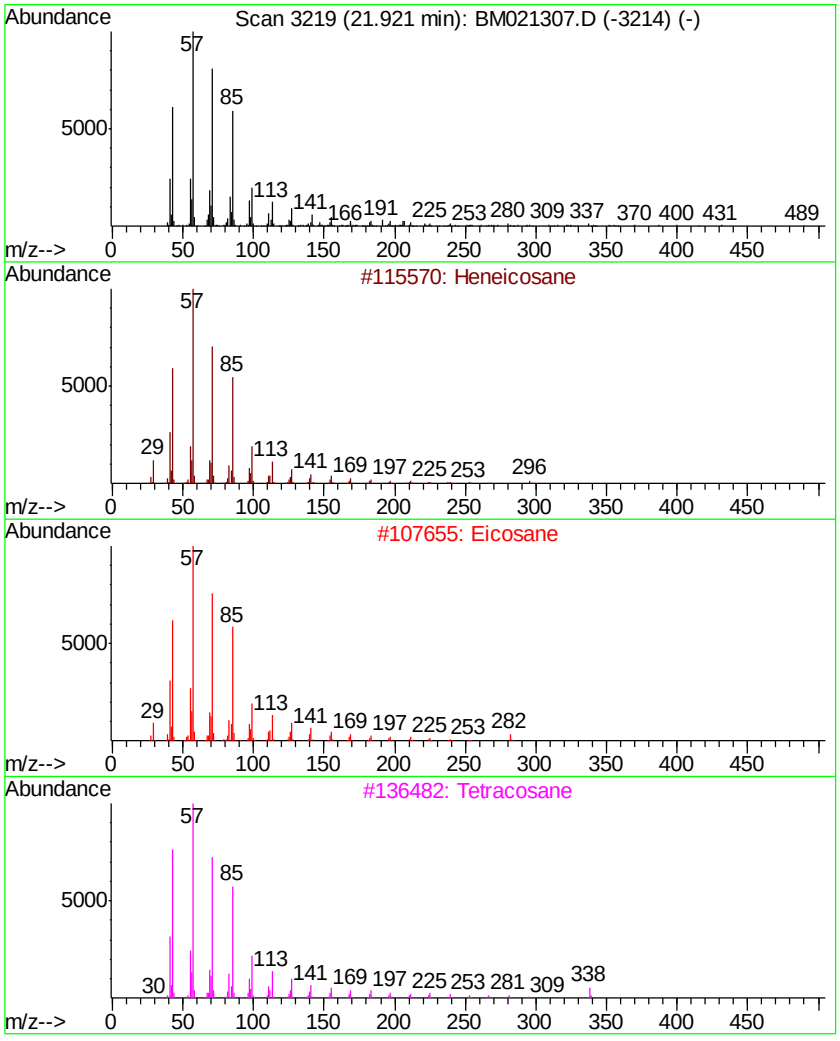
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

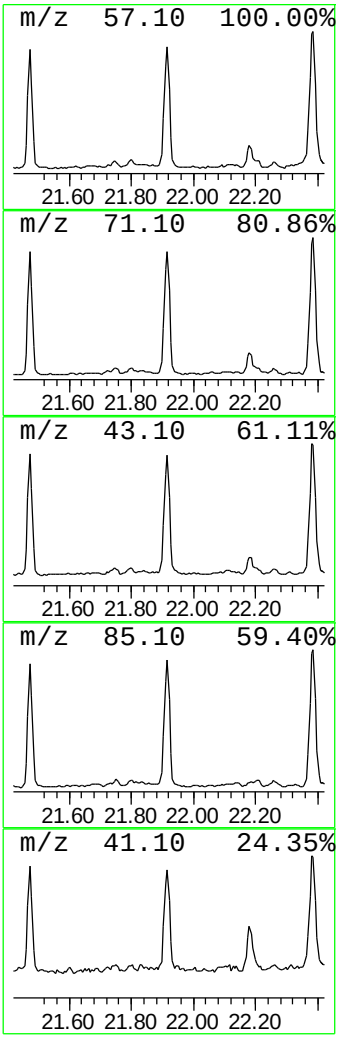
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 66 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.92	4.75 ng/ul	649198	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Eicosane	282	C20H42	000112-95-8	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
5	Tetracosane	338	C24H50	000646-31-1	91





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Sample : K3559-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AE4

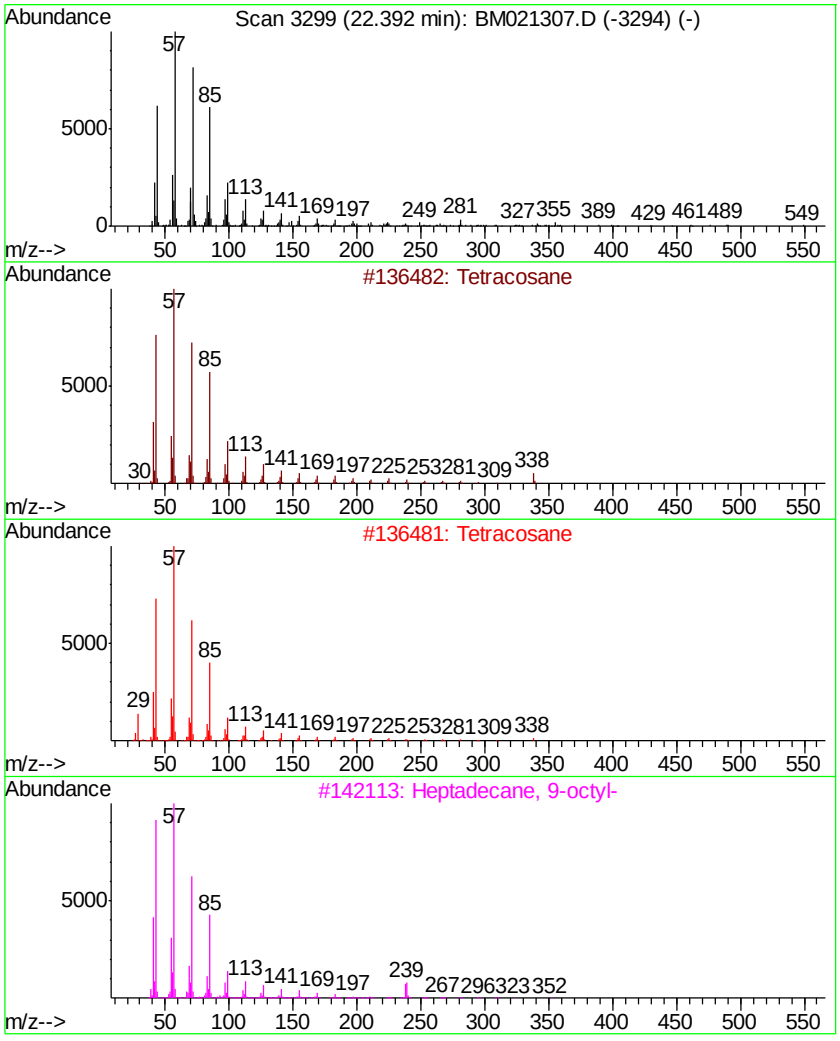
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

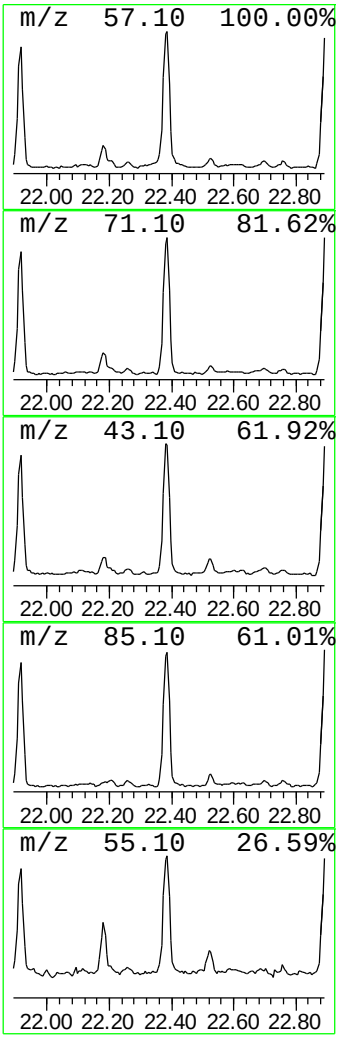
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 68 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.39	9.25 ng/ul	1264580	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Tetracosane	338	C24H50	000646-31-1	95
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
4	Eicosane	282	C20H42	000112-95-8	93
5	Heptadecane	240	C17H36	000629-78-7	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070119\
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Acq On : 01 Jul 2019 13:50
Operator : HP/JU
Sample : K3559-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AE4

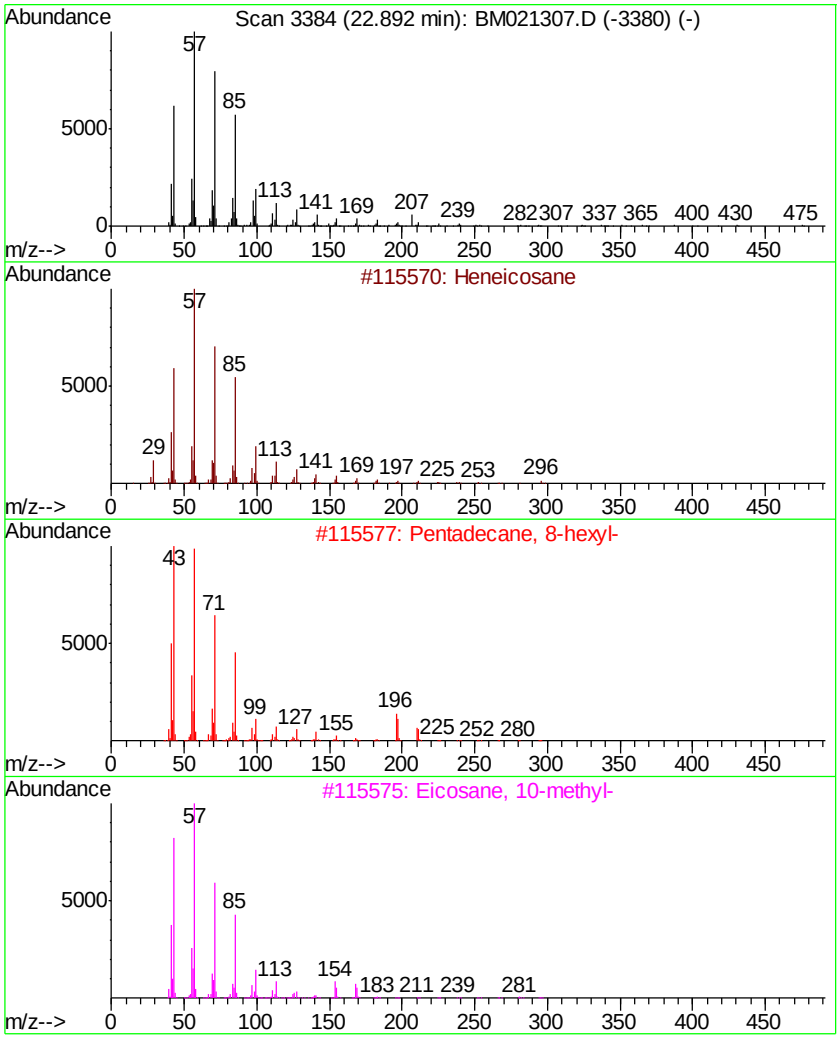
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

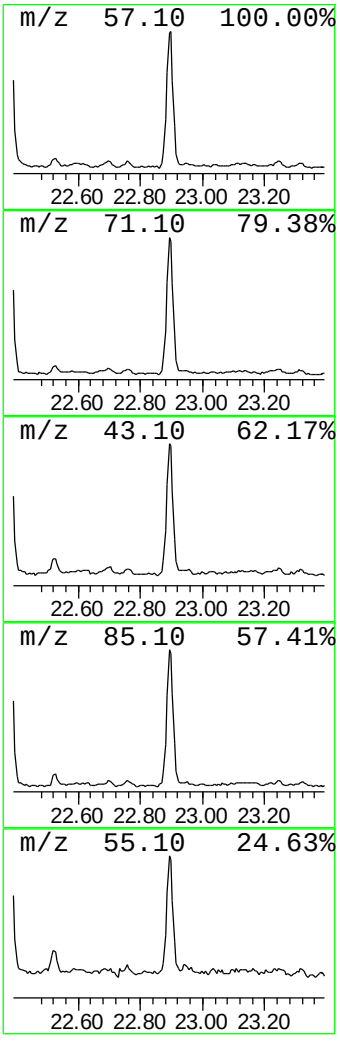
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 69 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.89	5.93 ng/ul	883789	Perylene-d12	23.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
4	Tetratriacontane	479	C34H70	014167-59-0	90
5	Heptacosane	380	C27H56	000593-49-7	90





Library Search Compound Report

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Operator : HP/JU
Sample : K3559-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AE4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

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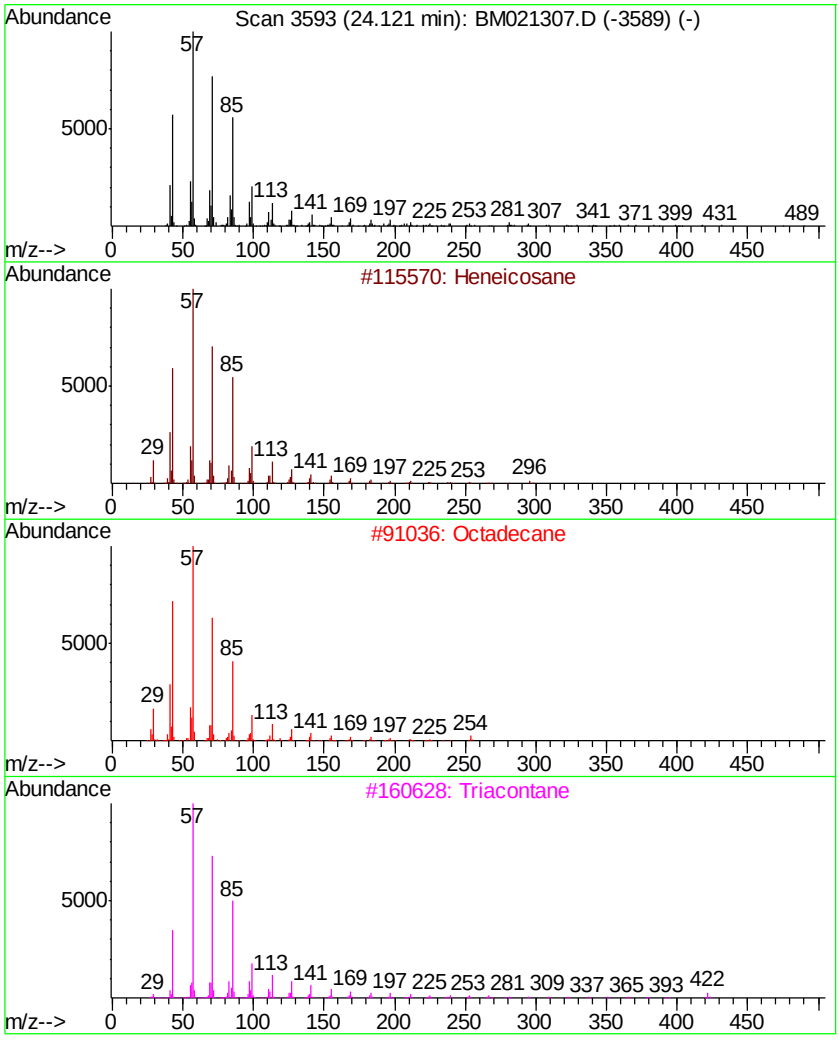
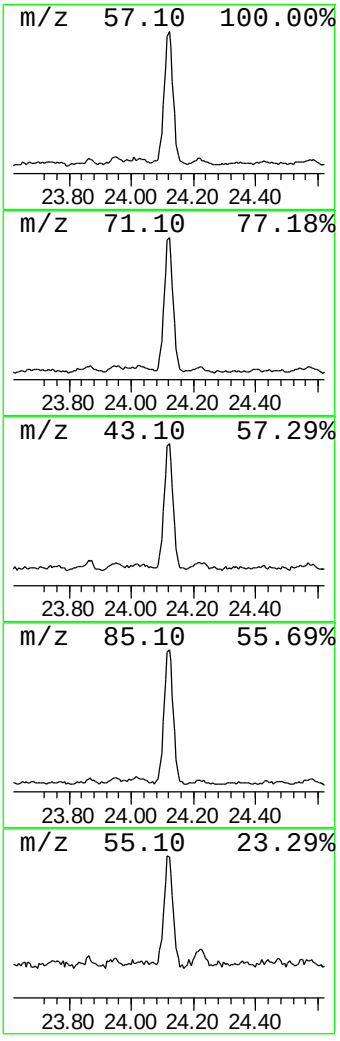
Peak Number 70 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.12	5.47 ng/ul	814546	Perylene-d12	23.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Octadecane	254	C18H38	000593-45-3	93
3	Triacontane	422	C30H62	000638-68-6	91
4	Tetratriacontane	479	C34H70	014167-59-0	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Tentatively Identified Compound (LSC) summary

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Data File : BM021307.D
Acq On : 01 Jul 2019 13:50
Operator : HP/JU
Sample : K3559-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AE4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.01	33.4	ng/ul	2081480	1	7.75	1245720	20.0
Cyclotrisiloxane,...	4.40	5.6	ng/ul	350525	1	7.75	1245720	20.0
2-Pentanone, 4-hy...	4.90	6.7	ng/ul	419005	1	7.75	1245720	20.0
Pentanoic acid	5.29	6.5	ng/ul	404573	1	7.75	1245720	20.0
Ethanol, 2-butoxy-	5.85	59.9	ng/ul	3732900	1	7.75	1245720	20.0
2-Propanol, 1-but...	6.40	48.4	ng/ul	3014610	1	7.75	1245720	20.0
2-Thiopheneacetic...	6.60	6.1	ng/ul	377289	1	7.75	1245720	20.0
Furan, tetrahydro...	6.65	6.0	ng/ul	371554	1	7.75	1245720	20.0
Cyclotetrasiloxan...	6.86	31.8	ng/ul	1978490	1	7.75	1245720	20.0
1-Hexanol, 2-ethyl-	7.82	11.8	ng/ul	733344	1	7.75	1245720	20.0
unknown-01	7.91	21.6	ng/ul	1345080	1	7.75	1245720	20.0
Benzyl Alcohol	8.00	26.0	ng/ul	1617450	1	7.75	1245720	20.0
2(3H)-Furanone, 5...	8.08	11.3	ng/ul	706453	1	7.75	1245720	20.0
2(3H)-Furanone, 5...	8.30	10.6	ng/ul	657674	1	7.75	1245720	20.0
unknown-02	8.37	12.1	ng/ul	751179	1	7.75	1245720	20.0
unknown-03	8.42	12.8	ng/ul	796881	1	7.75	1245720	20.0
dl-2-Phenyl-1,2-p...	8.86	27.4	ng/ul	1706890	1	7.75	1245720	20.0
1,6-Octadien-3-ol...	8.99	9.6	ng/ul	597780	1	7.75	1245720	20.0
Ethanol, 2-(hexyl...	9.07	91.8	ng/ul	5717240	1	7.75	1245720	20.0
unknown-04	9.26	11.1	ng/ul	1203670	2	10.54	2160400	20.0
Phenylethyl Alcohol	9.30	11.4	ng/ul	1225800	2	10.54	2160400	20.0
Ethyl acetoacetat...	9.80	3.6	ng/ul	392524	2	10.54	2160400	20.0
Octanoic Acid	9.95	26.6	ng/ul	2872230	2	10.54	2160400	20.0
Ethanol, 2-(2-but...	10.33	85.2	ng/ul	9208150	2	10.54	2160400	20.0
Benzenemethanol, ...	10.45	3.2	ng/ul	344499	2	10.54	2160400	20.0
p-menth-1-en-8-ol	10.60	4.1	ng/ul	443984	2	10.54	2160400	20.0
unknown-05	10.83	9.6	ng/ul	1040860	2	10.54	2160400	20.0
Ethanol, 2-phenoxy-	10.92	49.5	ng/ul	5345600	2	10.54	2160400	20.0
2-Propanol, 1-[1-...	11.07	11.6	ng/ul	1256640	2	10.54	2160400	20.0
Benzothiazole	11.20	4.2	ng/ul	455119	2	10.54	2160400	20.0
(DEL) Alkane: Str...	20.57	2.2	ng/ul	304093	5	21.33	2733680	20.0
(DEL) Alkane: Str...	21.04	4.8	ng/ul	649416	5	21.33	2733680	20.0
(DEL) Alkane: Str...	21.47	4.0	ng/ul	540218	5	21.33	2733680	20.0
(DEL) Alkane: Str...	21.92	4.8	ng/ul	649198	5	21.33	2733680	20.0
(DEL) Alkane: Str...	22.39	9.3	ng/ul	1264580	5	21.33	2733680	20.0
(DEL) Alkane: Str...	22.89	5.9	ng/ul	883789	6	23.61	2980020	20.0
(DEL) Alkane: Str...	24.12	5.5	ng/ul	814546	6	23.61	2980020	20.0