LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071619\
Data File : BM021477.D
Acq On : 16 Jul 2019 21:03
Operator : HP/JU
Sample : K3764-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52S3

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-BM070819MA.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	3.258	44	46	51	rVB2	44720	48368	0.94%	0.088%
2	3.869	148	150	158	rVB	61438	83243	1.61%	0.151%
3	4.328	225	228	234	rVB2	51204	68990	1.34%	0.125%
4	5.822	474	482	493	rVB2	495423	941684	18.26%	1.711%
5	6.381	575	577	586	rVB	35420	54911	1.06%	0.100%
6	6.793	638	647	651	rVB2	142506	314053	6.09%	0.571%
7	6.899	658	665	675	rVB3	251502	600949	11.65%	1.092%
8	7.069	689	694	706	rVB	589740	926079	17.96%	1.682%
9	7.257	720	726	735	rBV	692256	1156365	22.42%	2.101%
10	7.328	735	738	748	rVB2	36523	68167	1.32%	0.124%
11	7.528	768	772	786	rVB2	27029	59034	1.14%	0.107%
12	7.728	799	806	811	rBV	634951	1016565	19.71%	1.847%
13	7.781	811	815	827	rVB2	423755	676935	13.13%	1.230%
14	7.975	842	848	859	rBV	260960	466226	9.04%	0.847%
15	8.316	898	906	908	rBV3	57455	116846	2.27%	0.212%
16	8.345	908	911	919	rVV	69306	118917	2.31%	0.216%
17	8.434	919	926	934	rVV	544467	945407	18.33%	1.717%
18	8.498	935	937	941	rVV3	36333	56069	1.09%	0.102%
19	8.551	941	946	955	rVB2	70693	139624	2.71%	0.254%
20	8.816	986	991	997	rBV	323720	530867	10.29%	0.964%
21	8.887	997	1003	1012	rVV	783216	1333431	25.86%	2.422%
22	8.951	1012	1014	1019	rVV3	26923	42460	0.82%	0.077%
23	8.998	1020	1022	1023	rVV2	13226	11999	0.23%	0.022%
24	9.040	1024	1029	1040	rVB	181341	336105	6.52%	0.611%
25	9.392	1085	1089	1093	rBV	17521	24110	0.47%	0.044%
26	9.451	1095	1099	1114	rVB3	69427	133354	2.59%	0.242%
27	9.604	1118	1125	1137	rBV	645054	1111574	21.55%	2.019%
28	9.698	1137	1141	1145	rBV2	18619	28106	0.54%	0.051%
29	9.775	1145	1154	1162	rBV5	103935	370141	7.18%	0.672%
30	9.857	1163	1168	1174	rBV2	102502	197210	3.82%	0.358%
31	9.998	1186	1192	1206	rVB2	127153	282083	5.47%	0.512%
32	10.134	1208	1215	1232	rVB	982725	1716552	33.28%	3.118%
33	10.292	1236	1242	1249	rBV2	42314	78326	1.52%	0.142%
34	10.363	1252	1254	1259	rVB4	10030	13784	0.27%	0.025%

LSC Area Percent Report

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Operator : HP/JU
Sample : K3764-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52S3

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-BM070819MA.M
Title : SVOA CALIBRATION

35	10.428	1259	1265	1272	rBV4	117487	224314	4.35%	0.407%
36	10.510	1272	1279	1284	rVV	852061	1438901	27.90%	2.614%
37	10.563	1284	1288	1294	rVB2	171464	282434	5.48%	0.513%
38	10.669	1300	1306	1313	rBV	50644	95212	1.85%	0.173%
39	10.816	1323	1331	1338	rVB6	42641	93720	1.82%	0.170%
40	10.898	1340	1345	1350	rVB6	10421	20716	0.40%	0.038%
41	11.063	1364	1373	1377	rBV7	17249	46034	0.89%	0.084%
42	11.104	1377	1380	1387	rVV3	14611	28608	0.55%	0.052%
43	11.181	1387	1393	1401	rVV	53676	99551	1.93%	0.181%
44	11.263	1402	1407	1409	rVV4	10898	18246	0.35%	0.033%
45	11.322	1409	1417	1430	rVV4	167054	383219	7.43%	0.696%
46	11.428	1432	1435	1442	rVV3	12392	21791	0.42%	0.040%
47	11.504	1444	1448	1451	rVV4	7891	14560	0.28%	0.026%
48	11.686	1474	1479	1484	rVB5	11036	19659	0.38%	0.036%
49	11.775	1489	1494	1498	rVB4	15434	22529	0.44%	0.041%
50	11.869	1504	1510	1515	rVV5	19268	38081	0.74%	0.069%
51	12.028	1531	1537	1540	rBV4	8495	12446	0.24%	0.023%
52	12.098	1545	1549	1554	rVV2	15604	24070	0.47%	0.044%
53	12.257	1571	1576	1580	rBV5	7468	11195	0.22%	0.020%
54	12.569	1626	1629	1633	rBV3	10240	11421	0.22%	0.021%
55	12.651	1639	1643	1647	rBV3	7345	13426	0.26%	0.024%
56	12.710	1647	1653	1666	rVB	163416	320083	6.21%	0.581%
57	12.833	1666	1674	1679	rBV2	18249	30473	0.59%	0.055%
58	12.963	1688	1696	1705	rBV	327811	462013	8.96%	0.839%
59	13.122	1718	1723	1728	rVB4	7292	11734	0.23%	0.021%
60	13.257	1742	1746	1748	rBV	11552	14626	0.28%	0.027%
61	13.304	1748	1754	1766	rVV	306161	517491	10.03%	0.940%
62	13.498	1783	1787	1798	rVV5	16636	46535	0.90%	0.085%
63	13.586	1798	1802	1805	rVV4	9875	15172	0.29%	0.028%
64	13.633	1808	1810	1815	rVV5	8779	11498	0.22%	0.021%
65	13.786	1827	1836	1840	rVV	1843137	2511061	48.69%	4.562%
66	13.833	1840	1844	1850	rVV	216317	309332	6.00%	0.562%
67	13.886	1850	1853	1859	rVV2	41547	53696	1.04%	0.098%
68	14.063	1875	1883	1892	rBV	2166463	3115101	60.40%	5.659%
69	14.133	1892	1895	1900	rVB5	9123	13538	0.26%	0.025%
70	14.251	1909	1915	1924	rVB	35926	61813	1.20%	0.112%
71	14.369	1928	1935	1943	rVV2	1291121	1918391	37.20%	3.485%

LSC Area Percent Report

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Operator : HP/JU
Sample : K3764-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52S3

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-BM070819MA.M
Title : SVOA CALIBRATION

72	14.604	1967	1975	1993	rBV3	71477	191991	3.72%	0.349%
73	14.974	2030	2038	2045	rBV2	14765	24422	0.47%	0.044%
74	15.051	2047	2051	2055	rBV	8299	15437	0.30%	0.028%
75	15.127	2060	2064	2066	rVV	15116	22995	0.45%	0.042%
76	15.163	2066	2070	2073	rVV	132502	169902	3.29%	0.309%
77	15.198	2073	2076	2084	rVB	65289	86856	1.68%	0.158%
78	15.363	2097	2104	2117	rVV	2692691	3889679	75.42%	7.066%
79	15.498	2122	2127	2141	rVV	576185	882380	17.11%	1.603%
80	15.604	2141	2145	2152	rVB	28844	41712	0.81%	0.076%
81	15.739	2163	2168	2178	rVB2	32057	45128	0.88%	0.082%
82	16.151	2235	2238	2243	rVB4	9757	13333	0.26%	0.024%
83	16.910	2363	2367	2371	rVB3	7649	11224	0.22%	0.020%
84	17.121	2396	2403	2410	rBV	1601146	2227954	43.20%	4.047%
85	17.221	2413	2420	2431	rBV	2841175	4012686	77.81%	7.289%
86	17.404	2447	2451	2456	rBV	18017	22037	0.43%	0.040%
87	17.786	2510	2516	2522	rBV	1237901	1423921	27.61%	2.587%
88	17.892	2529	2534	2536	rBV4	8561	13184	0.26%	0.024%
89	18.010	2550	2554	2561	rBV	107092	151234	2.93%	0.275%
90	18.092	2564	2568	2569	rBV	13733	15624	0.30%	0.028%
91	18.227	2587	2591	2594	rBV	37914	46174	0.90%	0.084%
92	18.592	2650	2653	2657	rVB5	10493	13612	0.26%	0.025%
93	19.151	2745	2748	2754	rBV	30813	45444	0.88%	0.083%
94	19.292	2769	2772	2781	rBV4	38791	65368	1.27%	0.119%
95	19.404	2788	2791	2795	rVB	26338	30718	0.60%	0.056%
96	19.515	2804	2810	2820	rBV	3576589	4746672	92.04%	8.623%
97	21.015	3062	3065	3074	rBV3	69151	125744	2.44%	0.228%
98	21.309	3110	3115	3124	rBV	1924462	2523103	48.92%	4.583%
99	23.421	3467	3474	3486	rVB	2773724	5157186	100.00%	9.368%
100	23.562	3492	3498	3508	rVB	1411526	2631751	51.03%	4.781%

Sum of corrected areas: 55048695

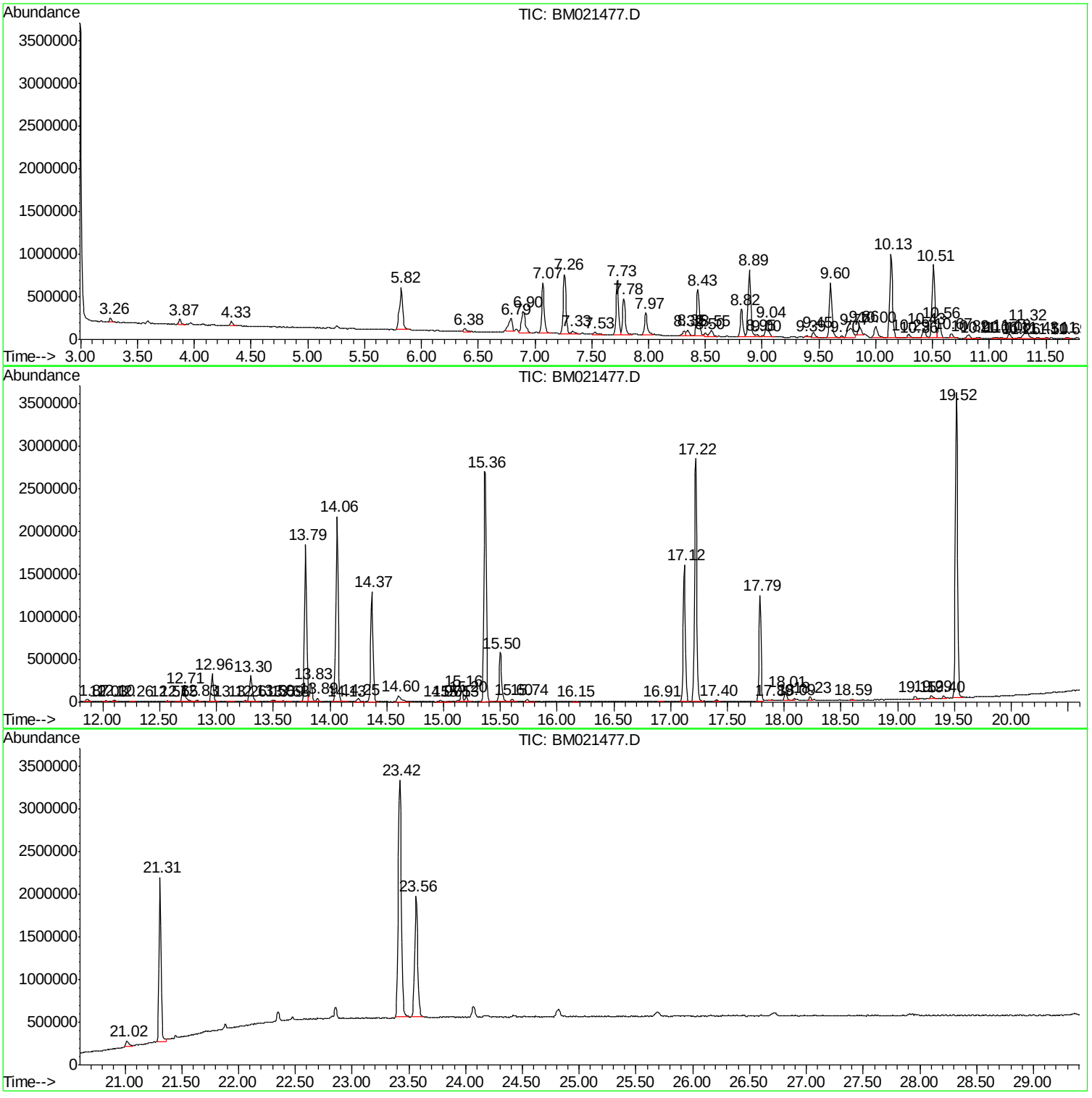
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071619\
Data File : BM021477.D
Acq On : 16 Jul 2019 21:03
Operator : HP/JU
Sample : K3764-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52S3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.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\BM071619\
Data File : BM021477.D
Acq On : 16 Jul 2019 21:03
Operator : HP/JU
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Instrument : BNA_M
ClientSampleId : A52S3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

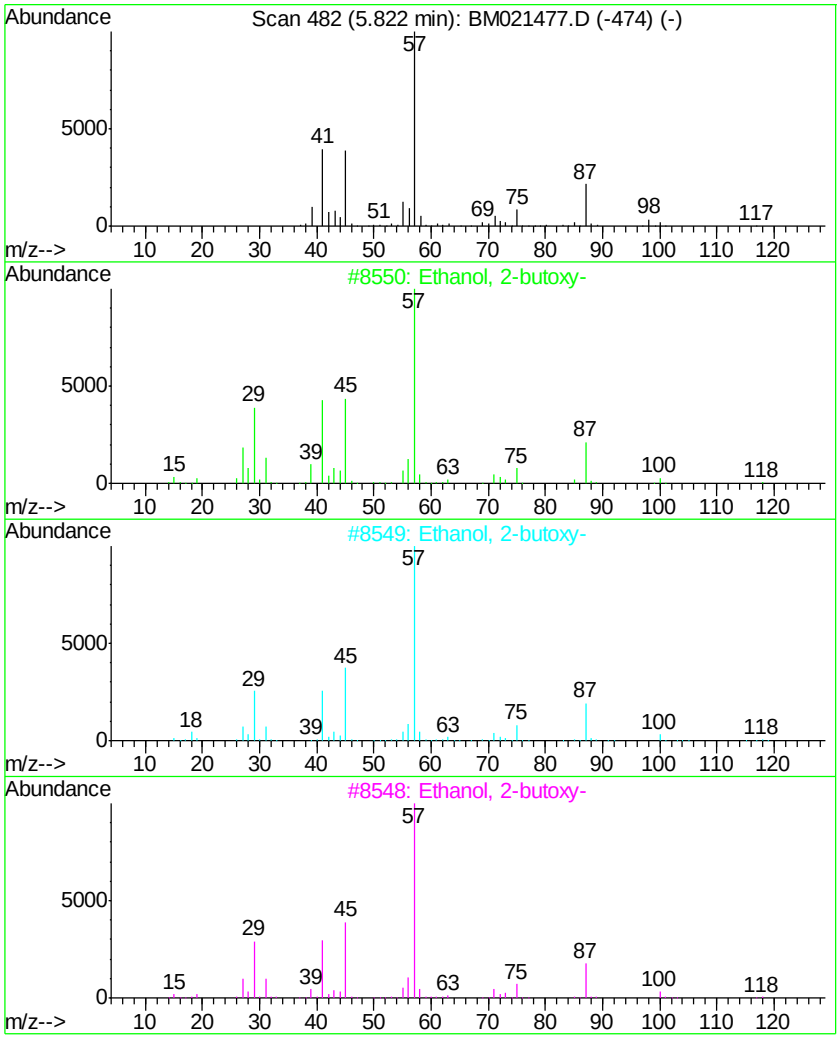
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

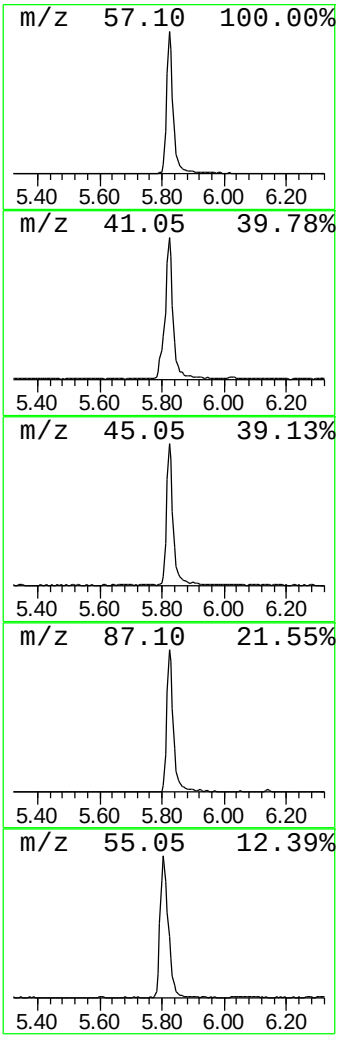
****

Peak Number 1 Ethanol, 2-butoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.82	18.53 ng/ul	941684	1,4-Dichlorobenzene-d4	7.73

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	72
3	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	72
4	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	33
5	1-Butene, 4-butoxy-	128	C8H16O	034061-76-2	23





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071619\
Data File : BM021477.D
Acq On : 16 Jul 2019 21:03
Operator : HP/JU
Sample : K3764-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52S3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

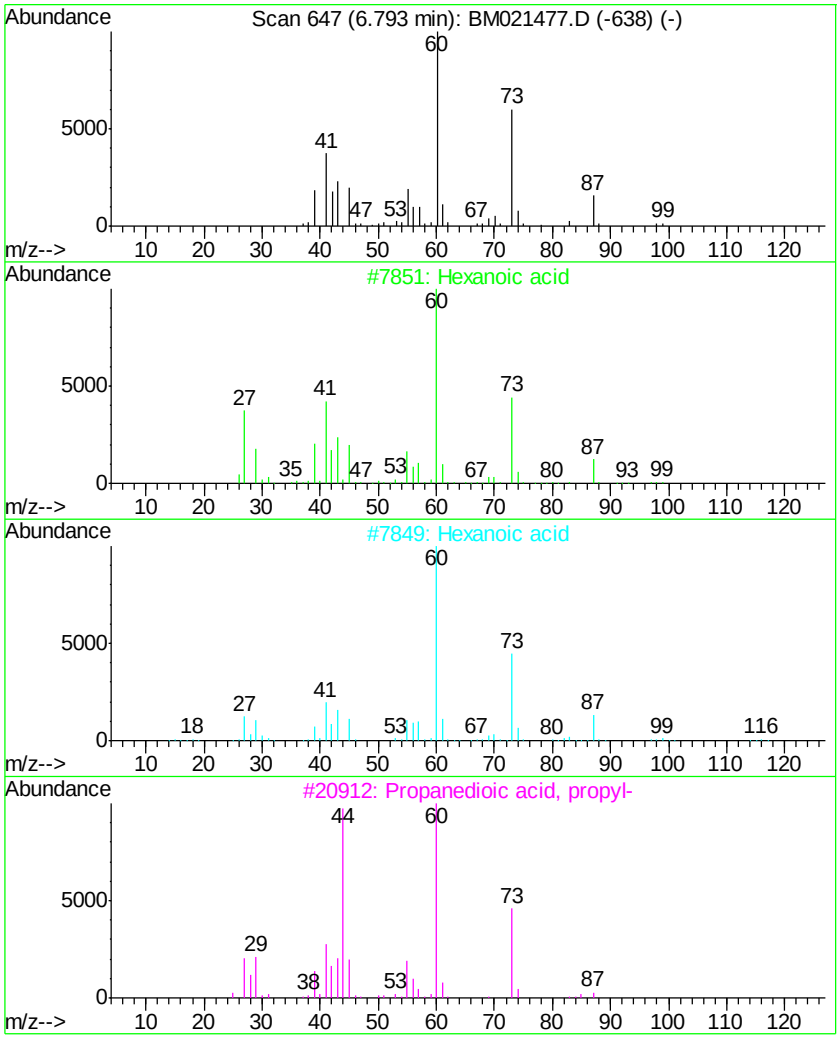
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

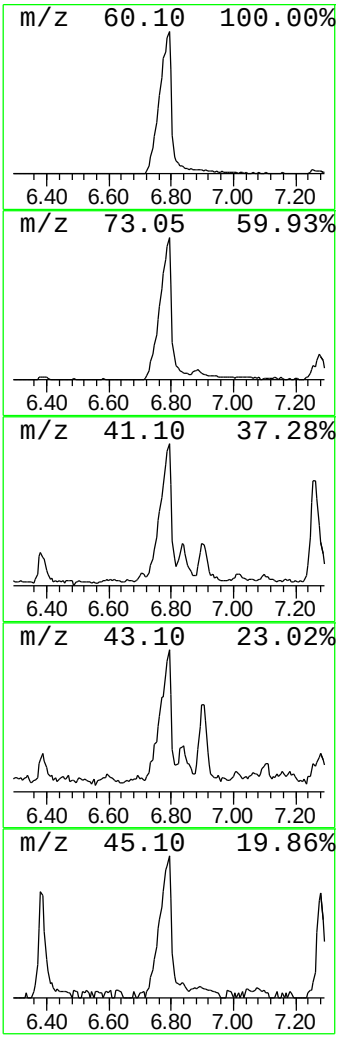
****

Peak Number 2 Hexanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	6.18 ng/ul	314053	1,4-Dichlorobenzene-d4	7.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid	116	C6H12O2	000142-62-1	90
2	Hexanoic acid	116	C6H12O2	000142-62-1	78
3	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	78
4	Hexanoic acid	116	C6H12O2	000142-62-1	72
5	Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071619\
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Misc :
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Instrument : BNA_M
ClientSampleId : A52S3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

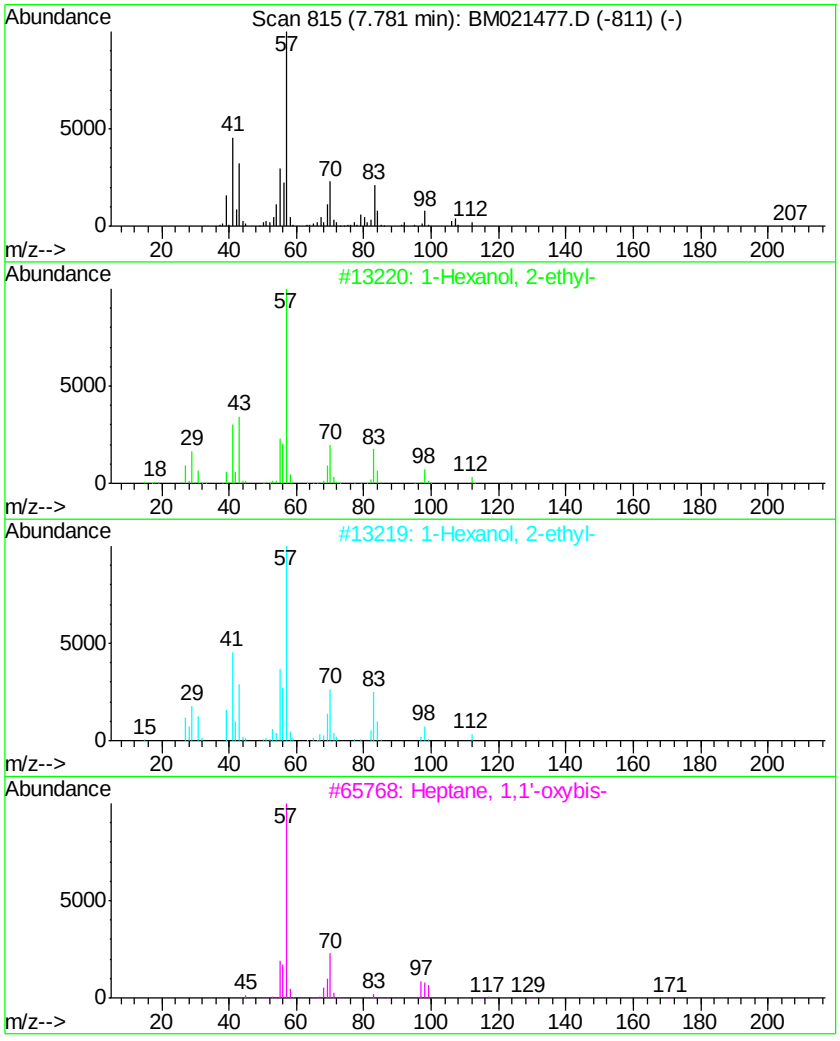
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

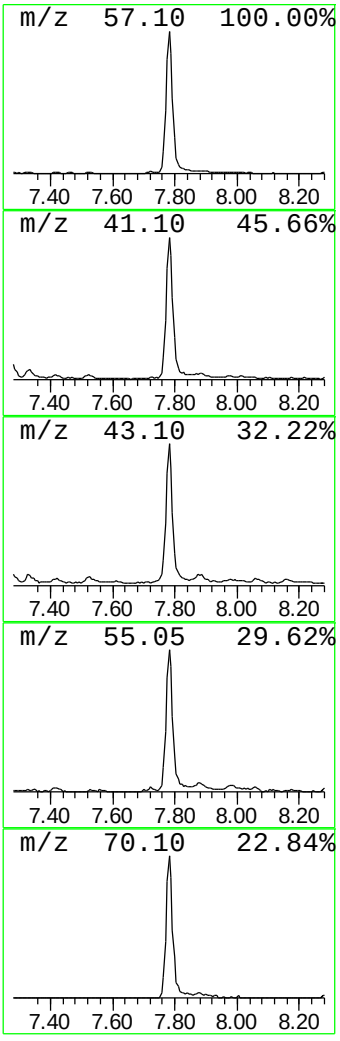
****

Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.78	13.32 ng/ul	676935	1,4-Dichlorobenzene-d4	7.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59
3	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	50
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	43
5	Chloroacetic acid, 2-ethylhexyl ...	206	C10H19ClO2	005345-58-4	40





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071619\
Data File : BM021477.D
Acq On : 16 Jul 2019 21:03
Operator : HP/JU
Sample : K3764-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52S3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

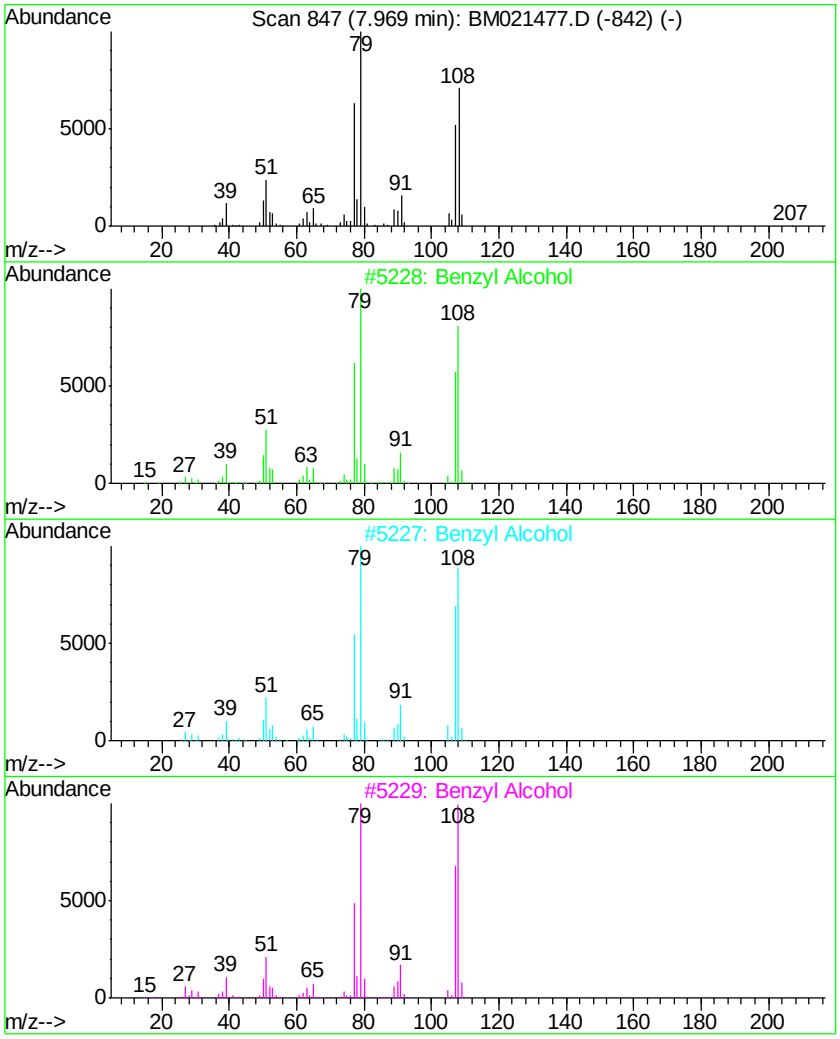
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

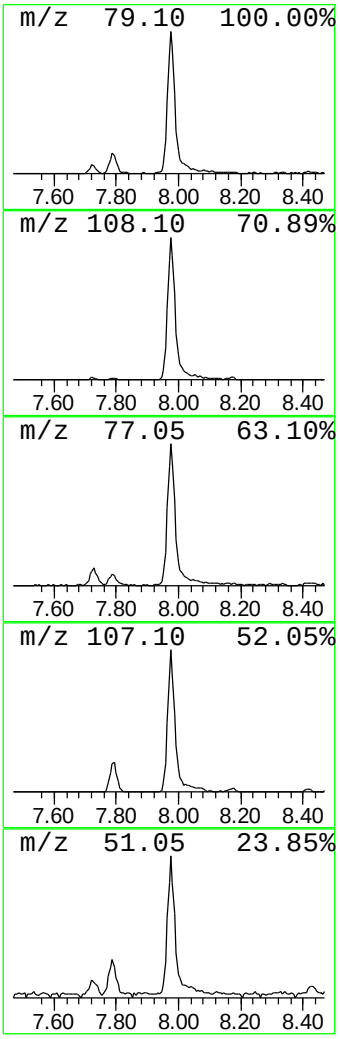
****

Peak Number 4 Benzyl Alcohol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.97	9.17 ng/ul	466226	1,4-Dichlorobenzene-d4	7.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzyl Alcohol	108	C7H8O	000100-51-6	98
2	Benzyl Alcohol	108	C7H8O	000100-51-6	97
3	Benzyl Alcohol	108	C7H8O	000100-51-6	97
4	N-Cbz-glycylglycine p-nitrophenyl...	387	C18H17N3O7	013574-81-7	91
5	N-Benzyloxycarbonyl-L-tyrosine	315	C17H17NO5	001164-16-5	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071619\
Data File : BM021477.D
Acq On : 16 Jul 2019 21:03
Operator : HP/JU
Sample : K3764-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52S3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

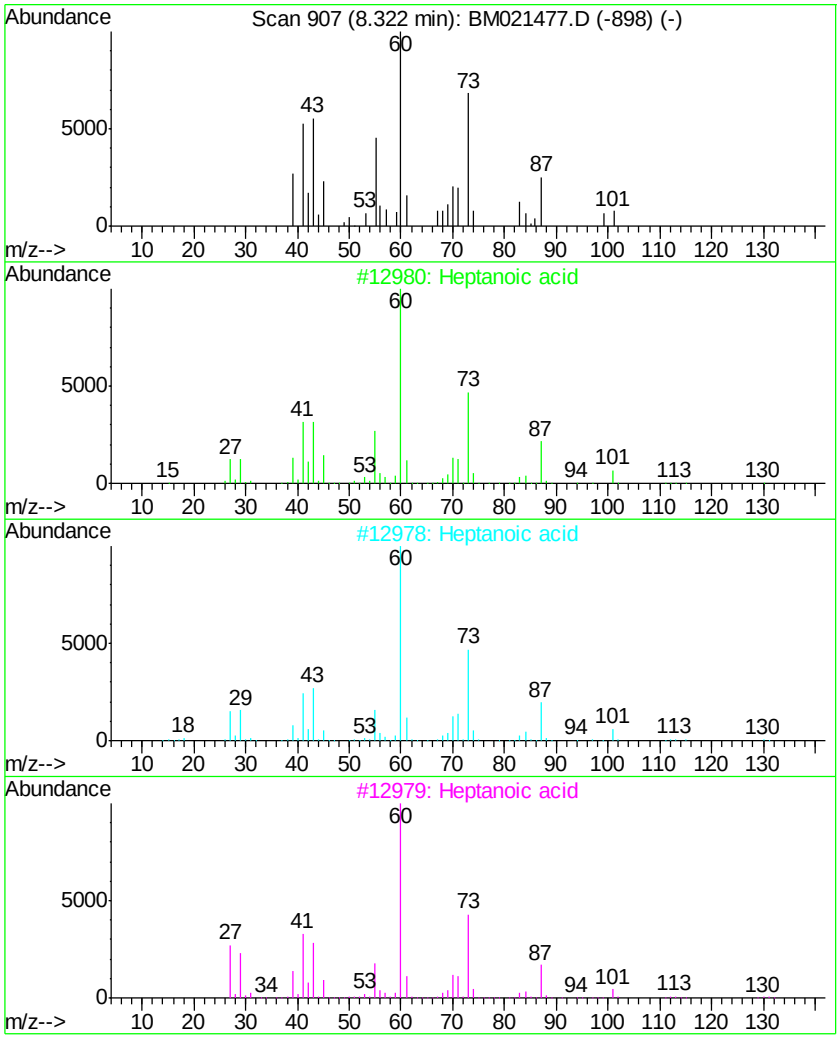
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

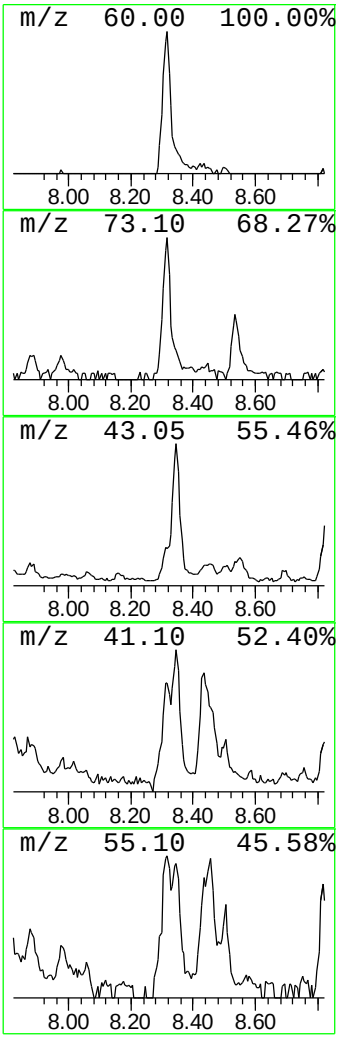
****

Peak Number 5 Heptanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	2.30 ng/ul	116846	1,4-Dichlorobenzene-d4	7.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanoic acid	130	C7H14O2	000111-14-8	90
2	Heptanoic acid	130	C7H14O2	000111-14-8	90
3	Heptanoic acid	130	C7H14O2	000111-14-8	83
4	Heptanoic acid	130	C7H14O2	000111-14-8	78
5	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	53





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Acq On : 16 Jul 2019 21:03
Operator : HP/JU
Sample : K3764-08
Misc :
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Instrument : BNA_M
ClientSampleId : A52S3

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Quant Title : SVOA CALIBRATION

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

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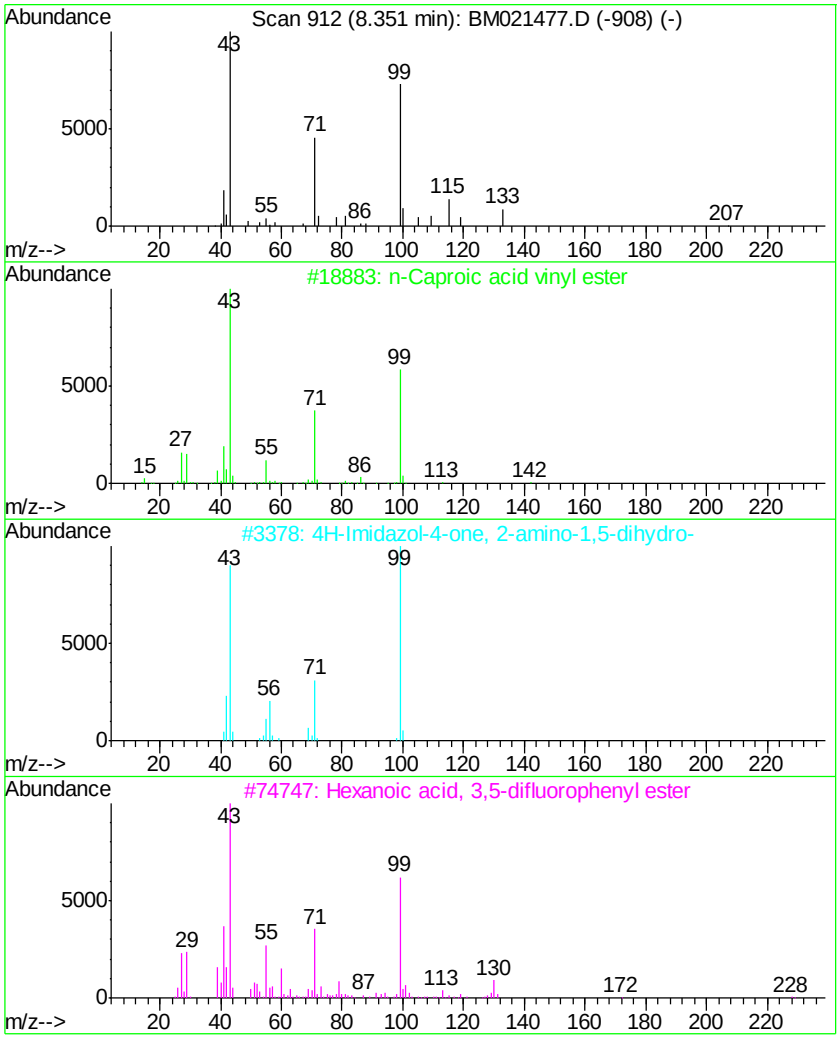
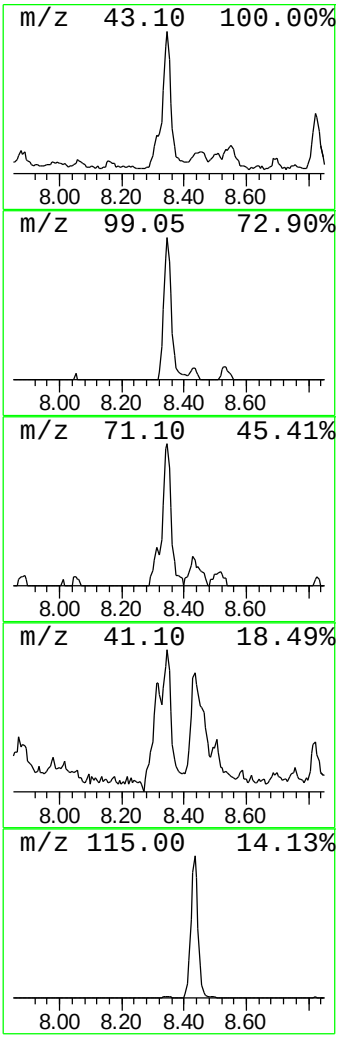
Peak Number 6 n-Caproic acid vinyl ester Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	2.34 ng/ul	118917	1,4-Dichlorobenzene-d4	7.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Caproic acid vinyl ester	142	C8H14O2	003050-69-9	64
2	4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	59
3	Hexanoic acid, 3,5-difluorophenyl...	228	C12H14F2O2	1000293-61-4	50
4	Hexanoic acid, 2-chlorophenyl ester	226	C12H15ClO2	1000293-61-7	50
5	3-Octanone	128	C8H16O	000106-68-3	42





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Instrument : BNA_M
ClientSampleId : A52S3

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Quant Title : SVOA CALIBRATION

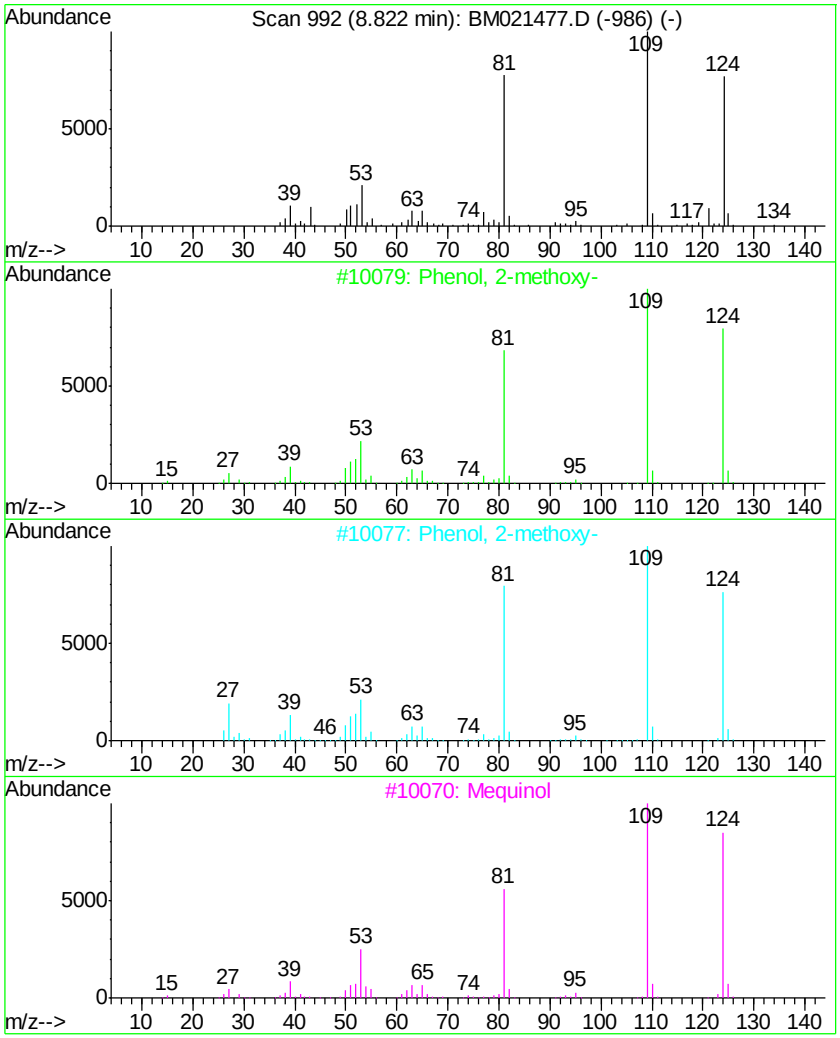
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

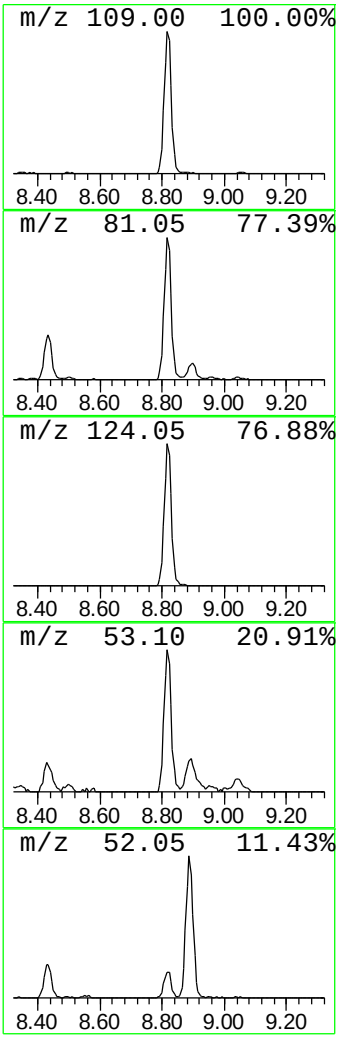
****

Peak Number 7 Phenol, 2-methoxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.82	10.44 ng/ul	530867	1,4-Dichlorobenzene-d4	7.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	96
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	91
3	Mequinol	124	C7H8O2	000150-76-5	91
4	Mequinol	124	C7H8O2	000150-76-5	90
5	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	90





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ClientSampleId : A52S3

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Quant Title : SVOA CALIBRATION

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

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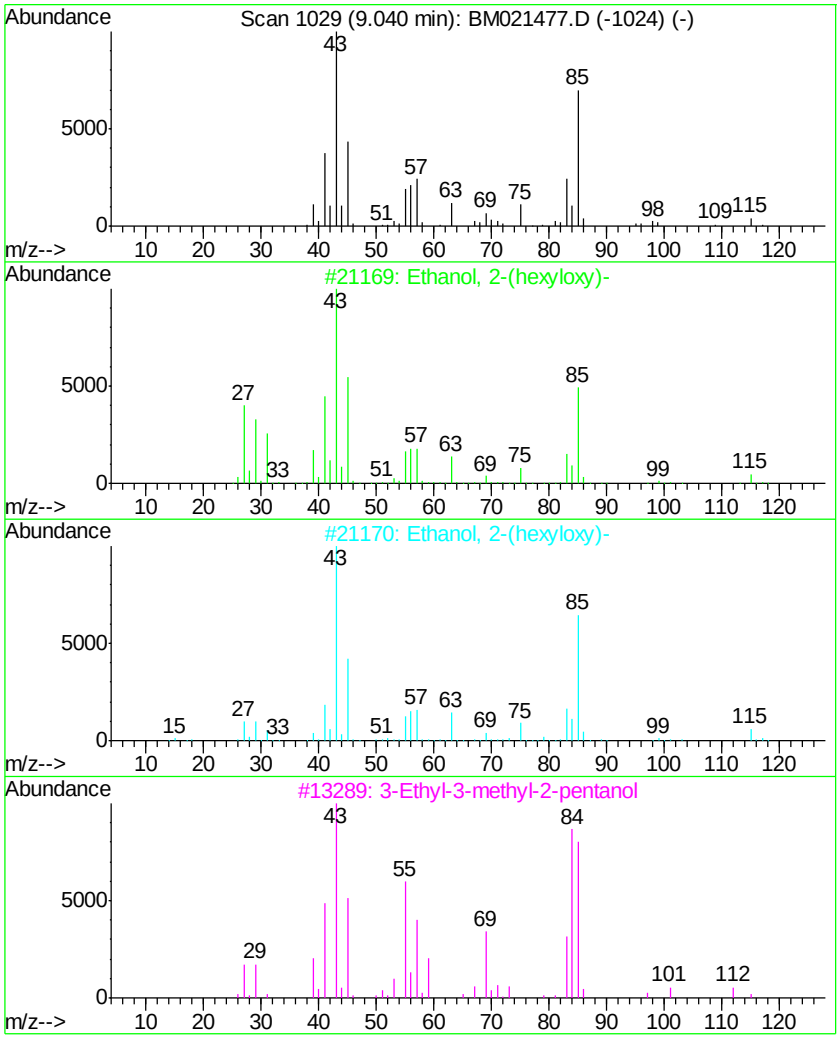
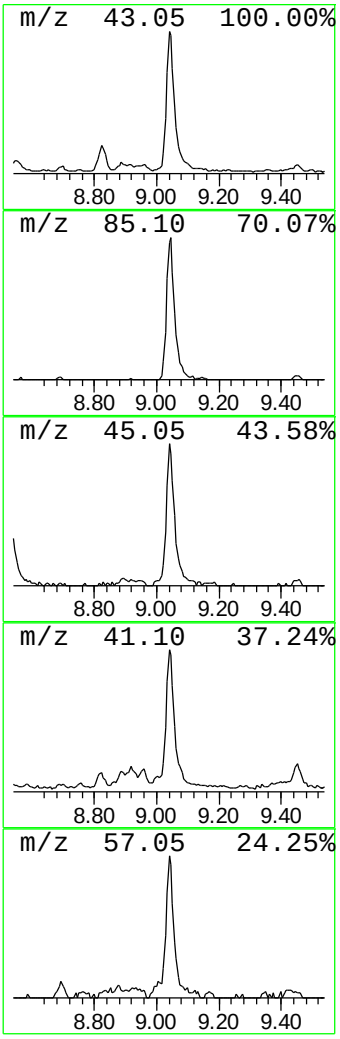
Peak Number 8 Ethanol, 2-(hexyloxy)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.04	6.61 ng/ul	336105	1,4-Dichlorobenzene-d4	7.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(hexyloxy)-	146	C8H18O2	000112-25-4	59
2	Ethanol, 2-(hexyloxy)-	146	C8H18O2	000112-25-4	50
3	3-Ethyl-3-methyl-2-pentanol	130	C8H18O	066576-22-5	40
4	Hexane, 1,1'-[methylenebis(oxy)]...	216	C13H28O2	054815-12-2	38
5	Tetrahydropyran 12-tetradecyn-1-...	294	C19H34O2	096249-40-0	27





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Quant Title : SVOA CALIBRATION

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

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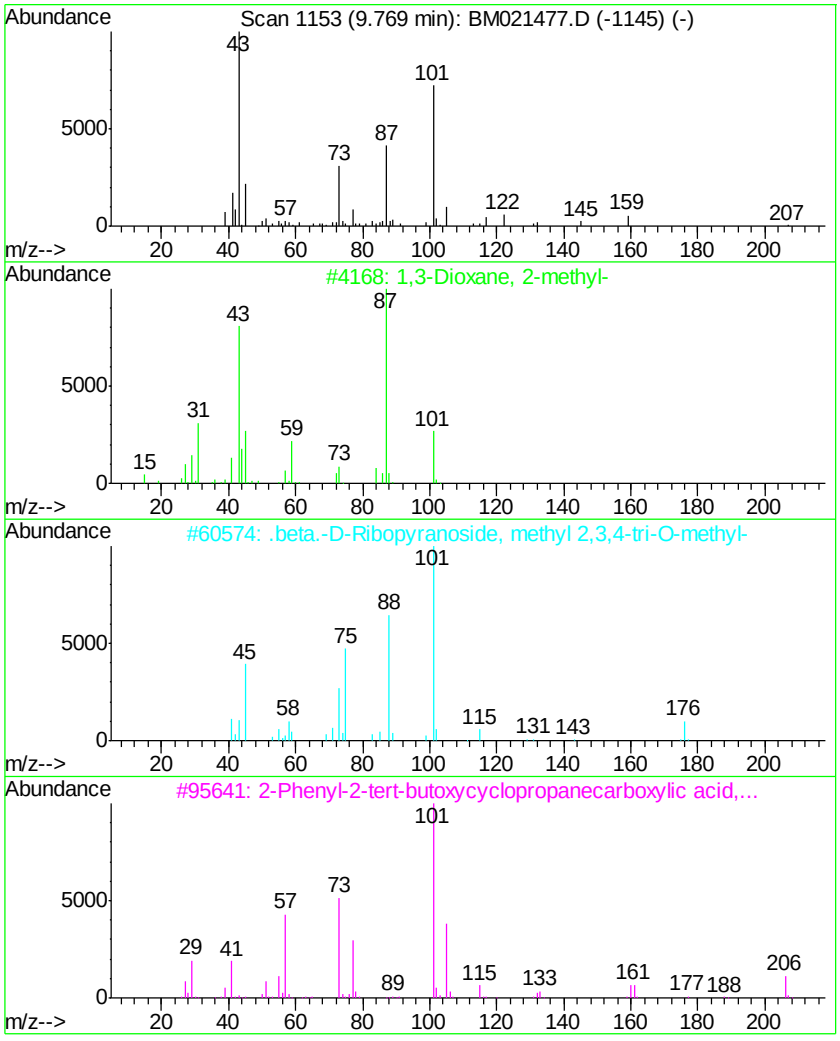
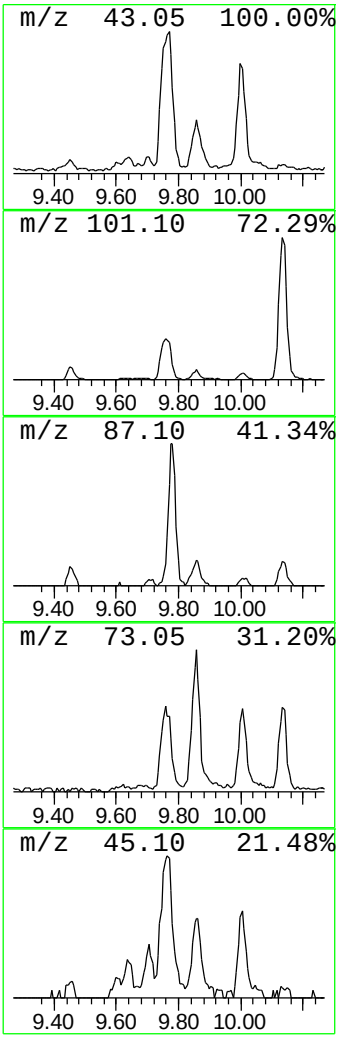
Peak Number 9 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	5.14 ng/ul	370141	Naphthalene-d8	10.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxane, 2-methyl-	102	C5H10O2	000626-68-6	32
2	.beta.-D-Ribopyranoside, methyl ...	206	C9H18O5	002876-87-1	25
3	2-Phenyl-2-tert-butoxycyclopropa...	262	C16H22O3	1000222-16-9	25
4	1,3,4-Thiadiazol-2-amine	101	C2H3N3S	004005-51-0	25
5	Ethyl acetoacetate ethylene acetal	174	C8H14O4	006413-10-1	22





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Quant Title : SVOA CALIBRATION

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

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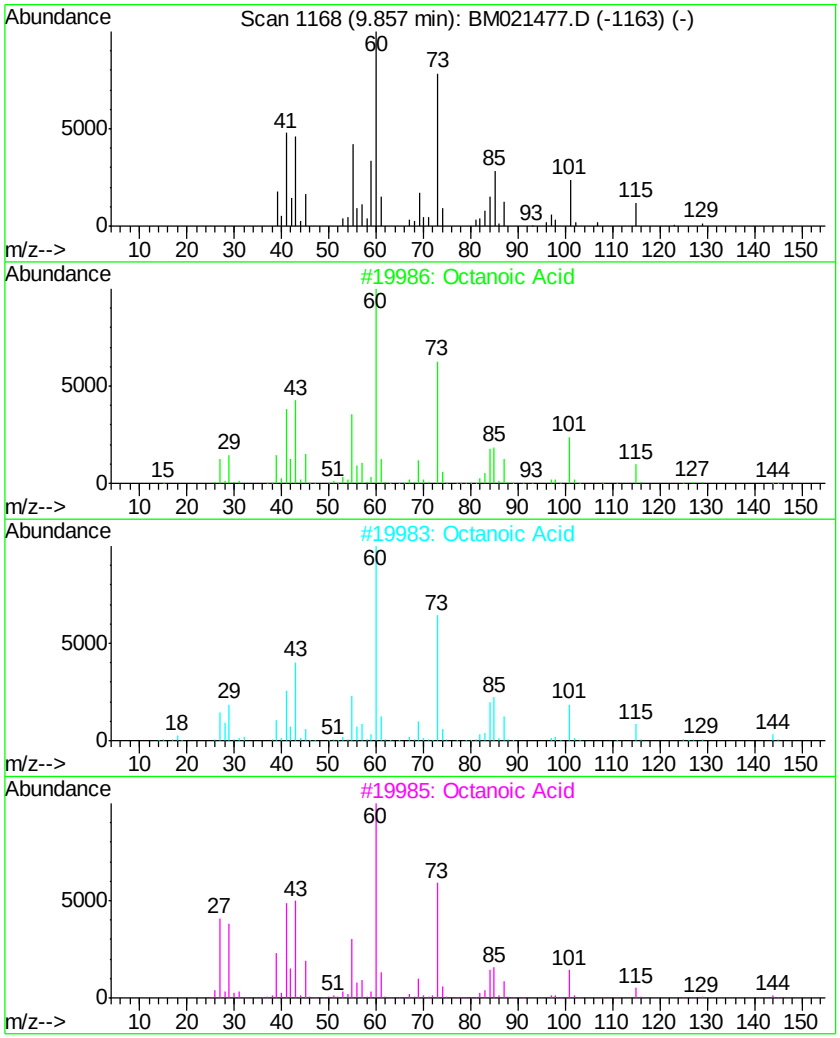
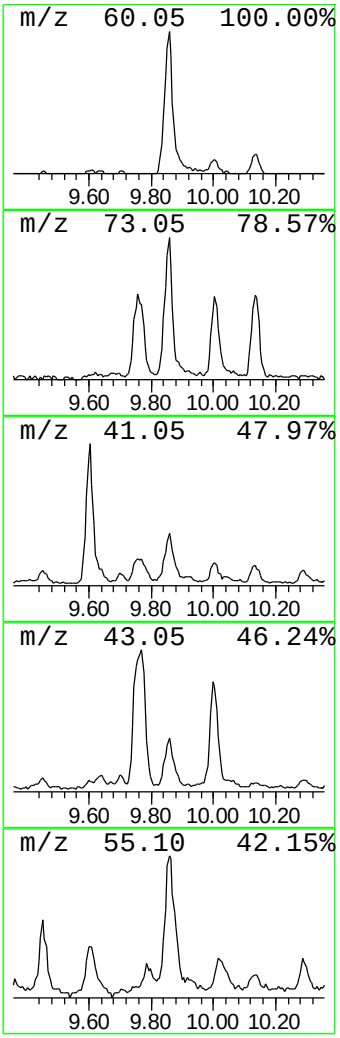
Peak Number 10 Octanoic Acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	2.74 ng/ul	197210	Naphthalene-d8	10.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic Acid	144	C8H16O2	000124-07-2	80
2	Octanoic Acid	144	C8H16O2	000124-07-2	59
3	Octanoic Acid	144	C8H16O2	000124-07-2	53
4	Hexanoic acid	116	C6H12O2	000142-62-1	47
5	Thiazole, 4,5-dihydro-2-methyl-	101	C4H7NS	002346-00-1	47





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Quant Title : SVOA CALIBRATION

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

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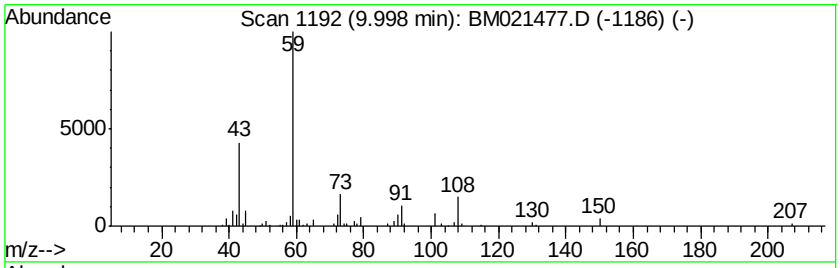
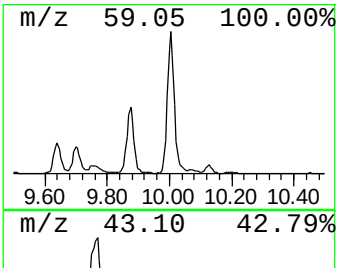
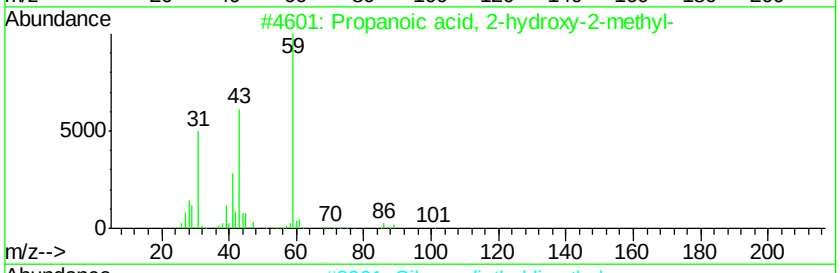
Peak Number 11 unknown-02 Concentration Rank 12

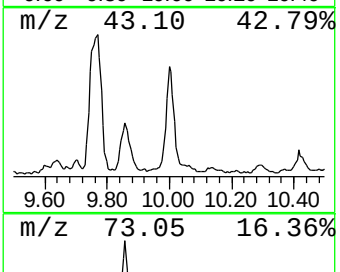
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	3.92 ng/ul	282083	Naphthalene-d8	10.51

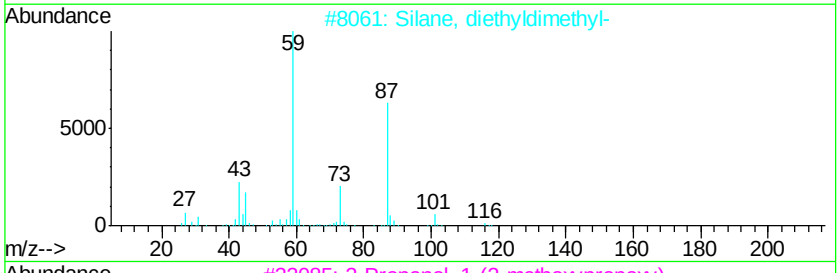
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-hydroxy-2-methyl-	104	C4H8O3	000594-61-6	38
2	Silane, diethyldimethyl-	116	C6H16Si	000756-81-0	36
3	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	33
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	33
5	Butane, 2-methoxy-	88	C5H12O	006795-87-5	33

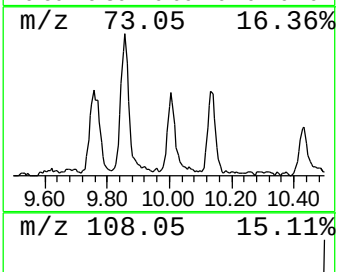


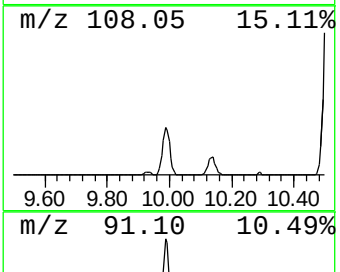


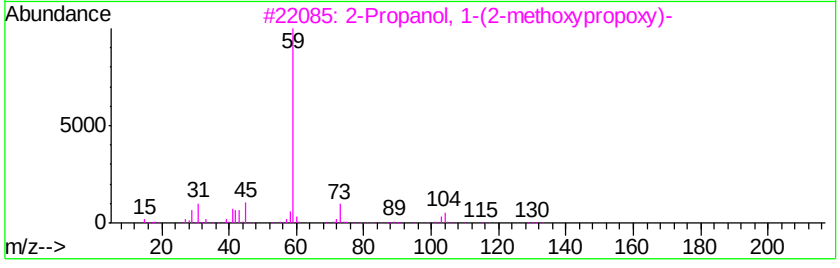


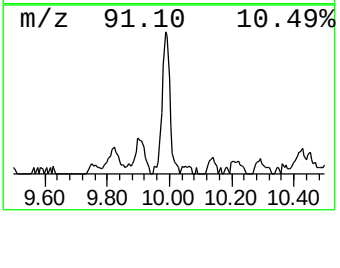












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Misc :
ALS Vial : 17 Sample Multiplier: 1

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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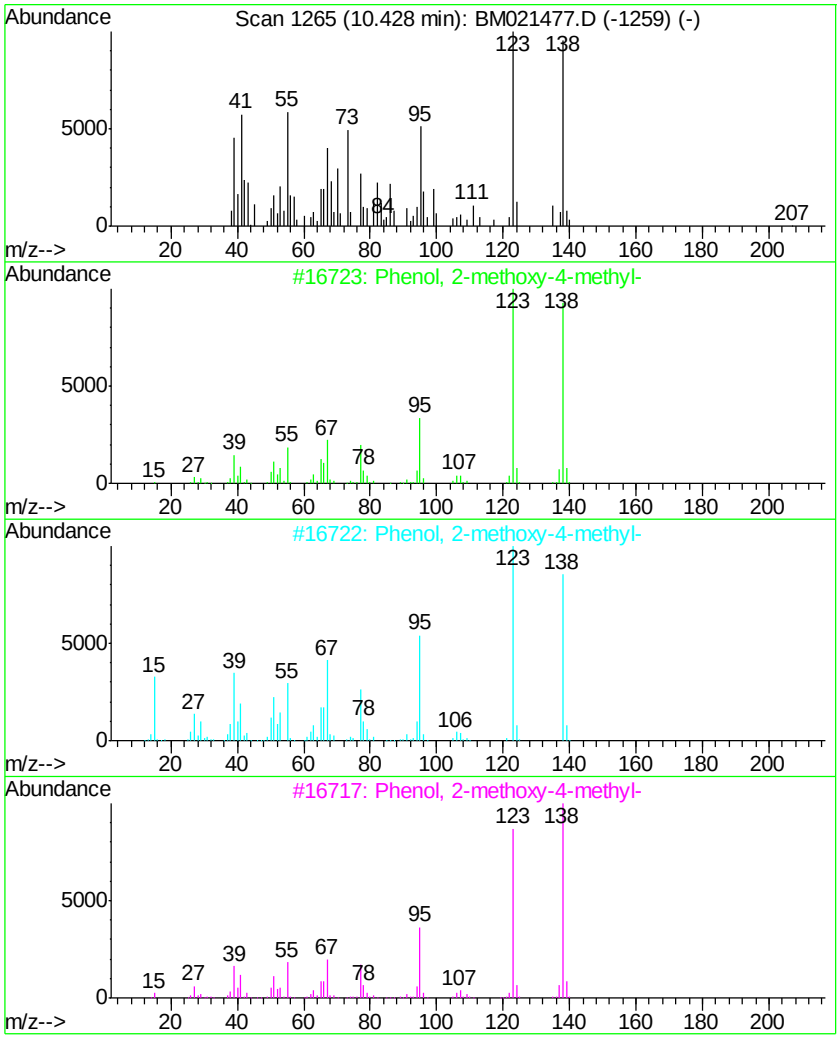
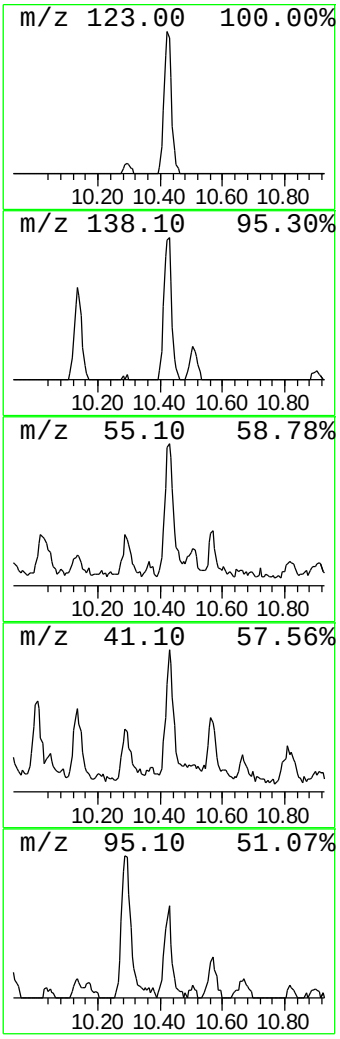
Peak Number 12 Phenol, 2-methoxy-4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.43	3.12 ng/ul	224314	Naphthalene-d8	10.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-4-methyl-	138	C8H10O2	000093-51-6	95
2	Phenol, 2-methoxy-4-methyl-	138	C8H10O2	000093-51-6	95
3	Phenol, 2-methoxy-4-methyl-	138	C8H10O2	000093-51-6	92
4	2-Methoxy-5-methylphenol	138	C8H10O2	001195-09-1	87
5	2-Methoxy-5-methylphenol	138	C8H10O2	001195-09-1	83





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Quant Title : SVOA CALIBRATION

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

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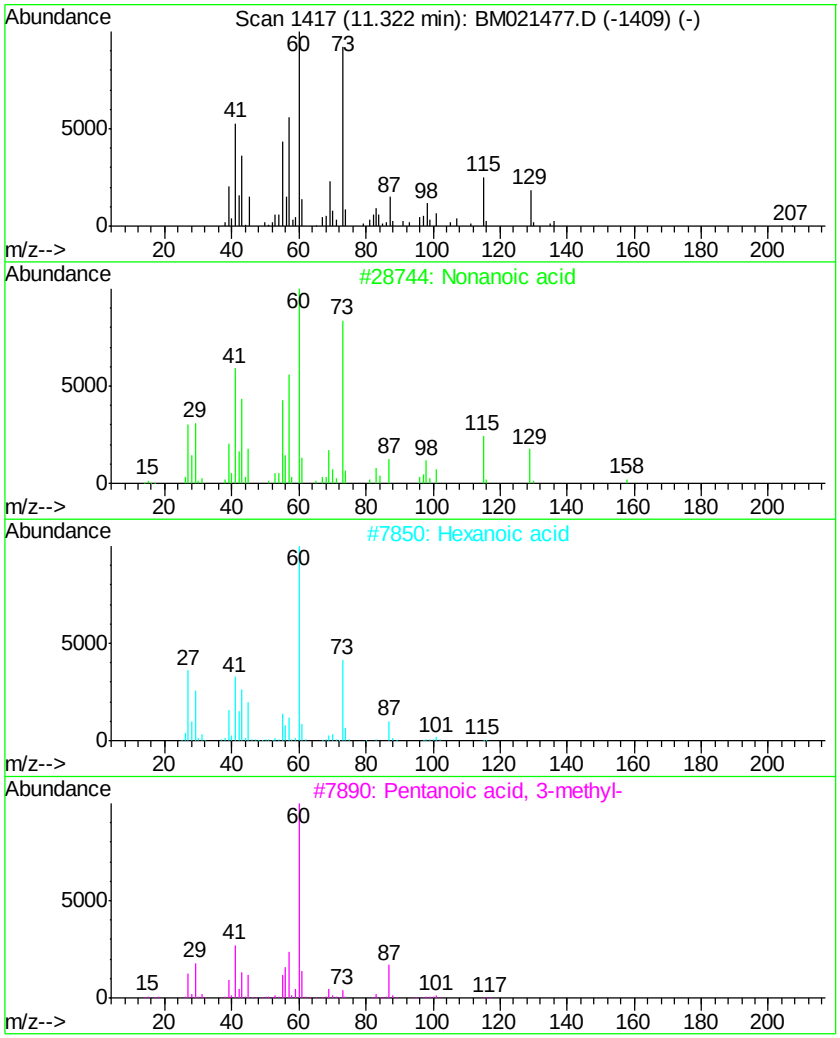
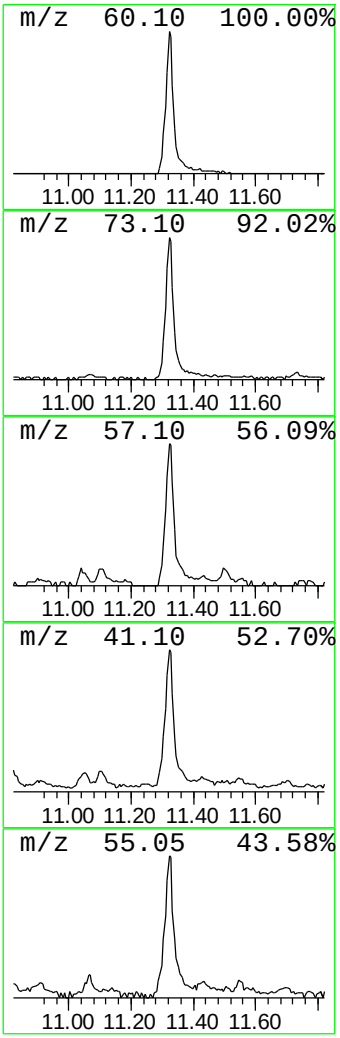
Peak Number 13 Nonanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	5.33 ng/ul	383219	Naphthalene-d8	10.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanoic acid	158	C9H18O2	000112-05-0	91
2	Hexanoic acid	116	C6H12O2	000142-62-1	53
3	Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	47
4	Heptanoic acid	130	C7H14O2	000111-14-8	42
5	Heptanoic acid	130	C7H14O2	000111-14-8	40





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Quant Title : SVOA CALIBRATION

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

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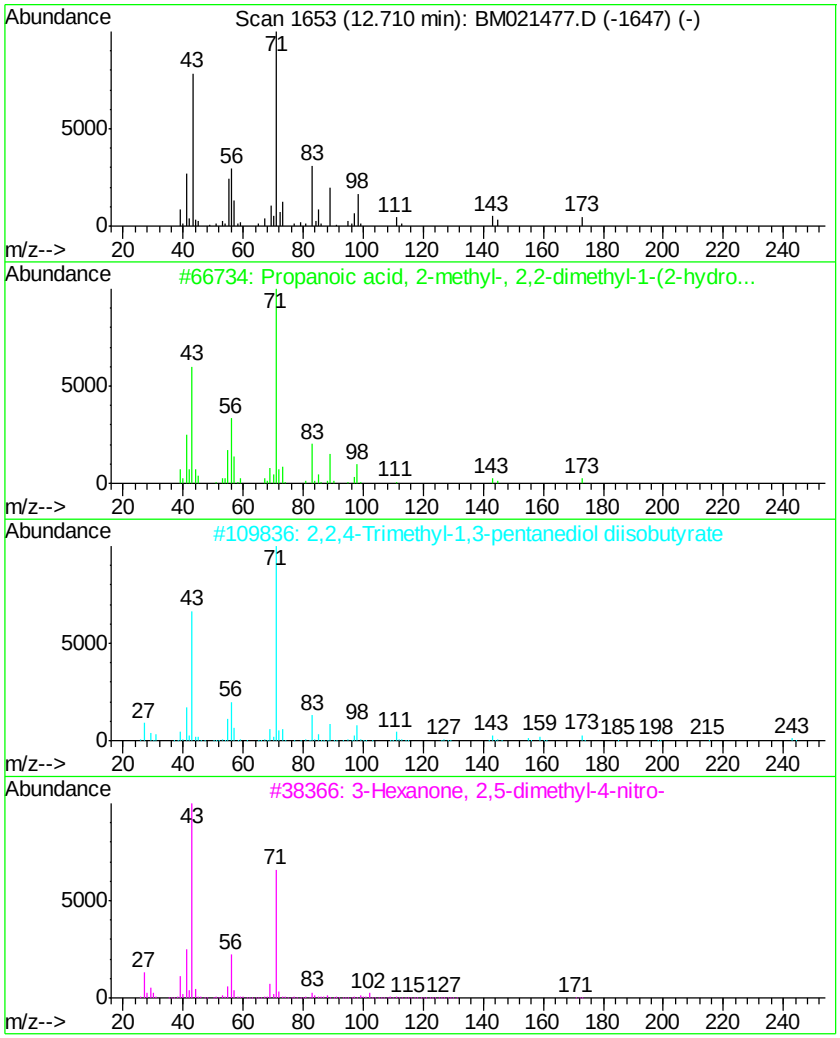
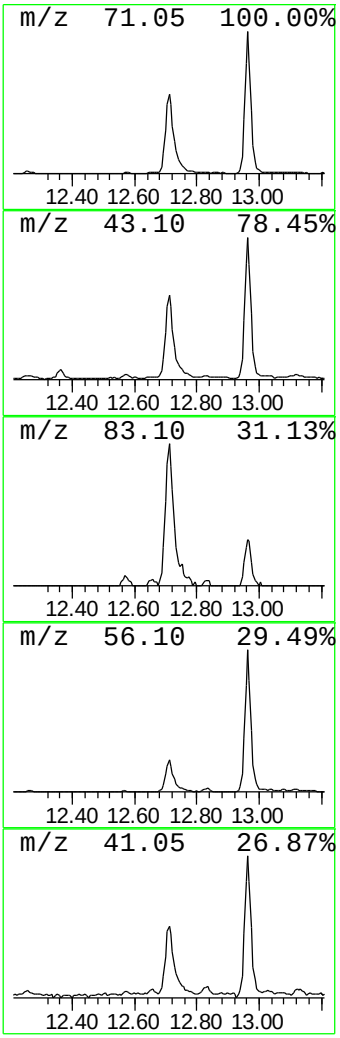
Peak Number 14 Propanoic acid, 2-methyl-, ... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	3.34 ng/ul	320083	Acenaphthene-d10	14.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 2,2-d...	216	C12H24O3	074367-33-2	80
2	2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	59
3	3-Hexanone, 2,5-dimethyl-4-nitro-	173	C8H15NO3	059906-54-6	43
4	Butanoic acid, 2-methylpropyl ester	144	C8H16O2	000539-90-2	42
5	Pentanoic acid, 2,2,4-trimethyl-...	216	C12H24O3	244074-78-0	42





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Quant Title : SVOA CALIBRATION

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

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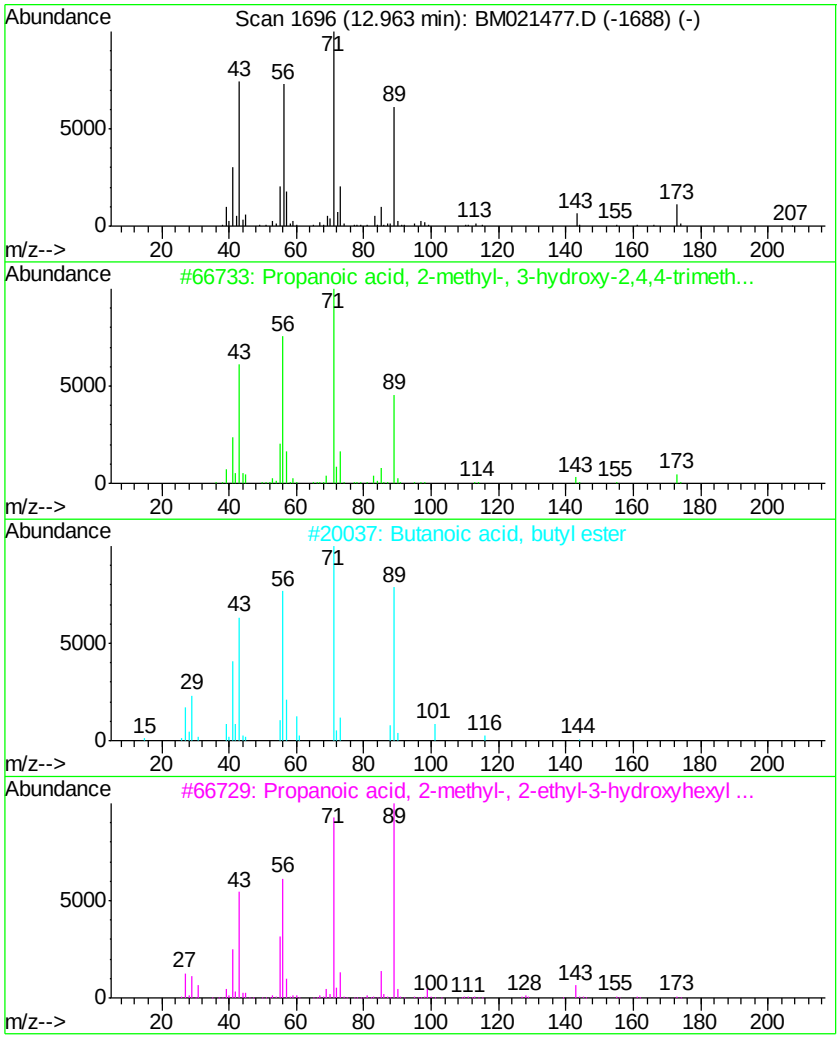
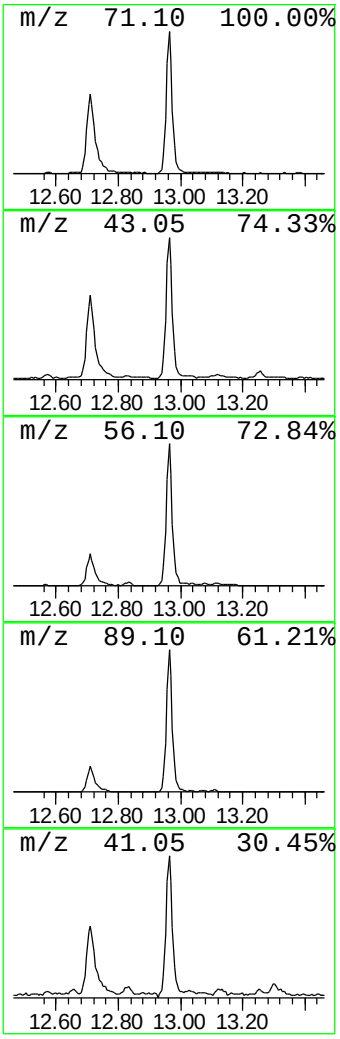
Peak Number 15 Propanoic acid, 2-methyl-, ... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	4.82 ng/ul	462013	Acenaphthene-d10	14.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 3-hyd...	216	C12H24O3	074367-34-3	90
2	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	72
3	Propanoic acid, 2-methyl-, 2-eth...	216	C12H24O3	074367-31-0	64
4	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	56
5	Propanoic acid, 2-methyl-, 2-eth...	216	C12H24O3	074367-31-0	37





Library Search Compound Report

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Data File : BM021477.D
Acq On : 16 Jul 2019 21:03
Operator : HP/JU
Sample : K3764-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52S3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

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

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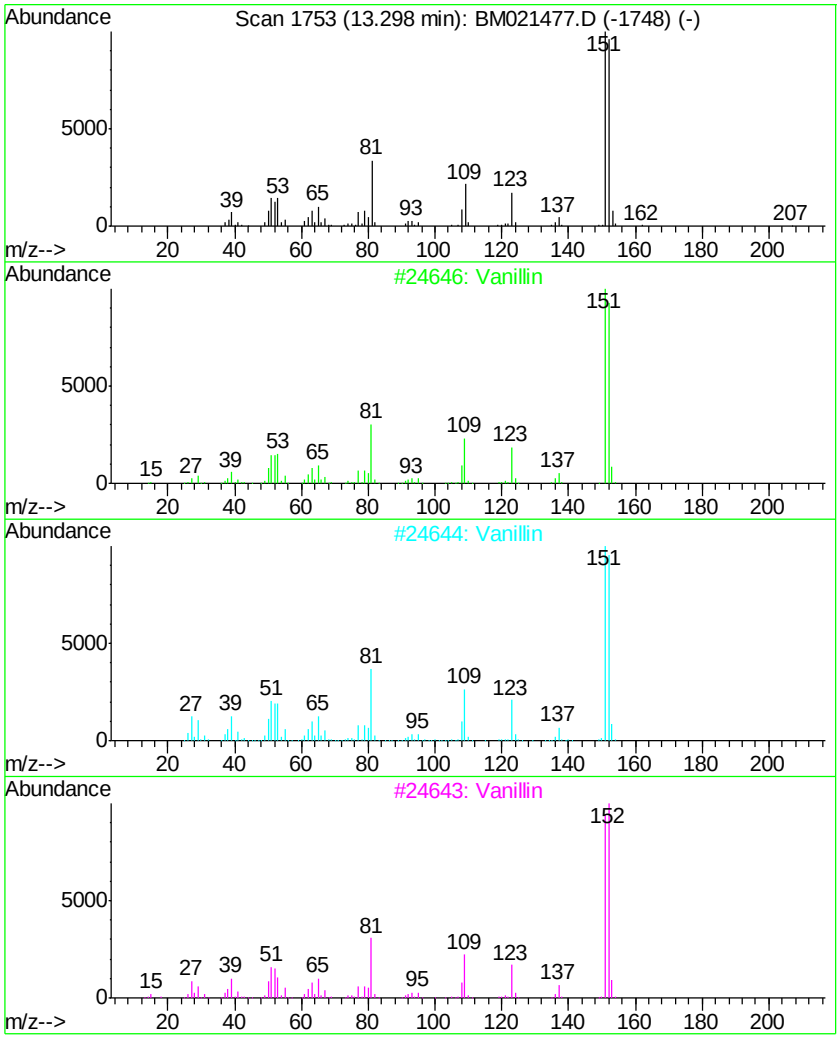
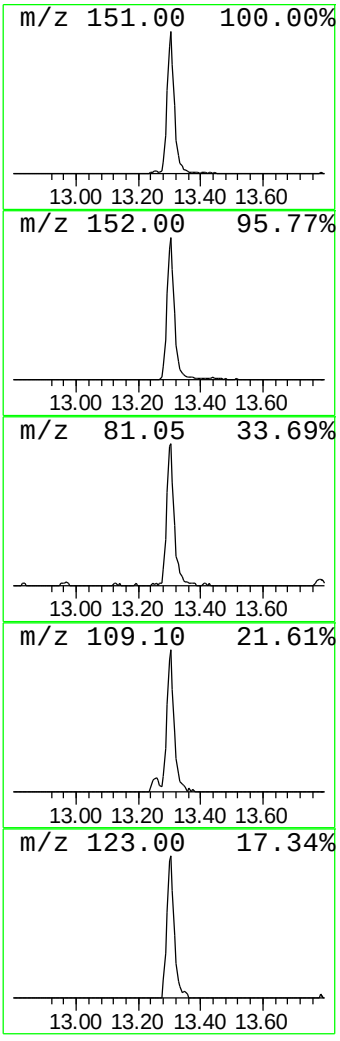
Peak Number 16 Vanillin Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	5.40 ng/ul	517491	Acenaphthene-d10	14.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vanillin	152	C8H8O3	000121-33-5	97
2	Vanillin	152	C8H8O3	000121-33-5	97
3	Vanillin	152	C8H8O3	000121-33-5	96
4	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	95
5	Vanillin	152	C8H8O3	000121-33-5	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071619\
Data File : BM021477.D
Acq On : 16 Jul 2019 21:03
Operator : HP/JU
Sample : K3764-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52S3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

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

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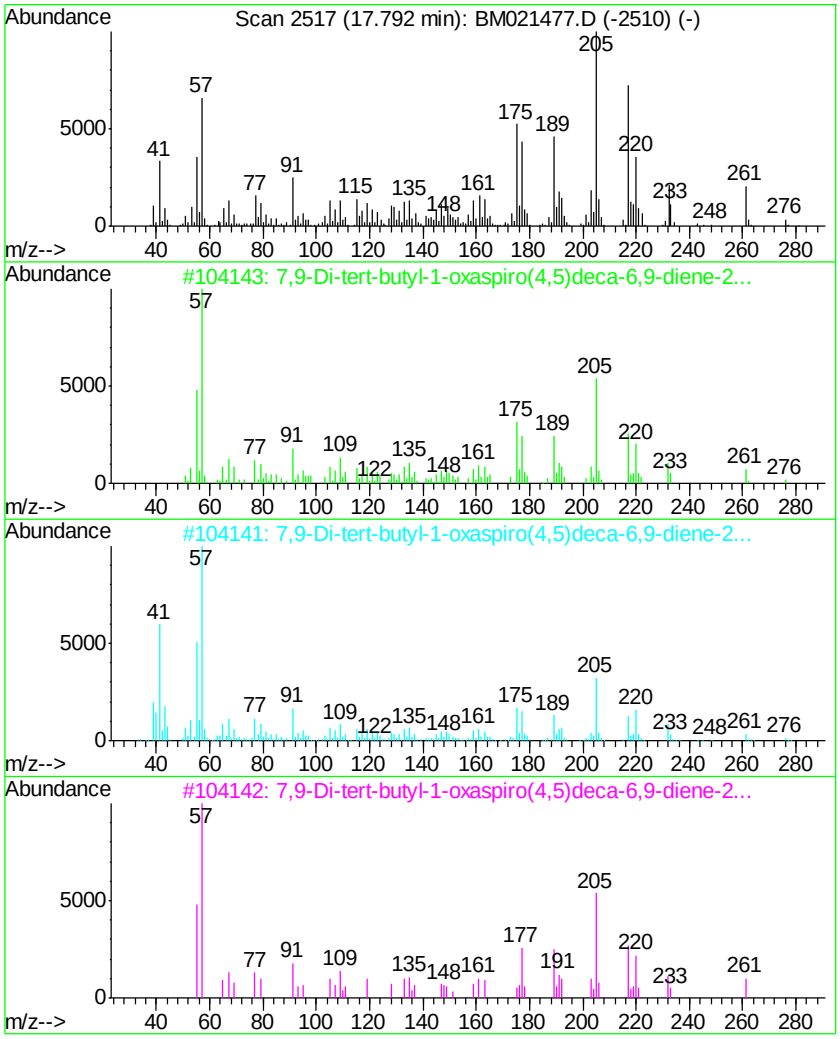
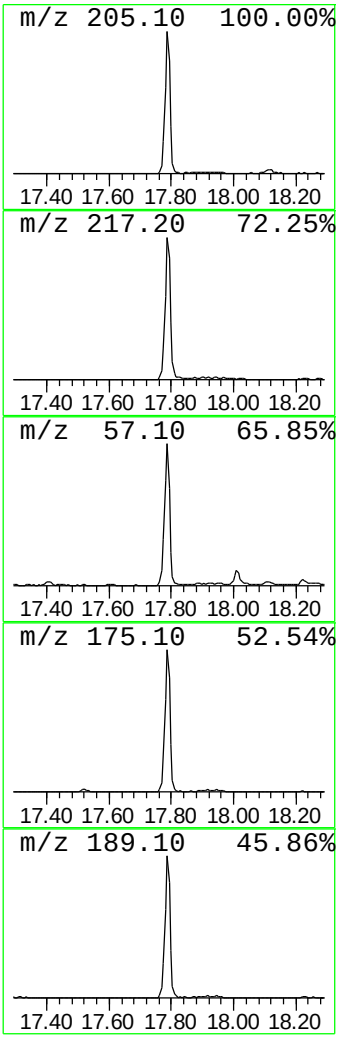
Peak Number 17 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	12.78 ng/ul	1423920	Phenanthrene-d10	17.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	99
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	98
3	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	81
4	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	56
5	2,5-di-tert-Butyl-1,4-benzoquinone	220	C14H20O2	002460-77-7	45





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM071619\
Data File : BM021477.D
Acq On : 16 Jul 2019 21:03
Operator : HP/JU
Sample : K3764-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52S3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.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
Ethanol, 2-butoxy-	5.82	18.5	ng/ul	941684	1	7.73	1016570	20.0
Hexanoic acid	6.79	6.2	ng/ul	314053	1	7.73	1016570	20.0
1-Hexanol, 2-ethyl-	7.78	13.3	ng/ul	676935	1	7.73	1016570	20.0
Benzyl Alcohol	7.97	9.2	ng/ul	466226	1	7.73	1016570	20.0
Heptanoic acid	8.32	2.3	ng/ul	116846	1	7.73	1016570	20.0
n-Caproic acid vi...	8.35	2.3	ng/ul	118917	1	7.73	1016570	20.0
Phenol, 2-methoxy-	8.82	10.4	ng/ul	530867	1	7.73	1016570	20.0
Ethanol, 2-(hexyl...	9.04	6.6	ng/ul	336105	1	7.73	1016570	20.0
unknown-01	9.77	5.1	ng/ul	370141	2	10.51	1438900	20.0
Octanoic Acid	9.86	2.7	ng/ul	197210	2	10.51	1438900	20.0
unknown-02	10.00	3.9	ng/ul	282083	2	10.51	1438900	20.0
Phenol, 2-methoxy...	10.43	3.1	ng/ul	224314	2	10.51	1438900	20.0
Nonanoic acid	11.32	5.3	ng/ul	383219	2	10.51	1438900	20.0
Propanoic acid, 2...	12.71	3.3	ng/ul	320083	3	14.37	1918390	20.0
Propanoic acid, 2...	12.96	4.8	ng/ul	462013	3	14.37	1918390	20.0
Vanillin	13.30	5.4	ng/ul	517491	3	14.37	1918390	20.0
7,9-Di-tert-butyl...	17.79	12.8	ng/ul	1423920	4	17.12	2227950	20.0