LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
Data File : BM021491.D
Acq On : 17 Jul 2019 11:34
Operator : HP/JU
Sample : K3772-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52S2

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	5.822	474	482	496	rVB2	375809	760609	14.56%	1.529%
2	6.381	574	577	584	rVB	27714	41989	0.80%	0.084%
3	6.781	635	645	649	rBV	132024	303357	5.81%	0.610%
4	6.898	659	665	676	rVB3	179863	369745	7.08%	0.743%
5	7.069	688	694	707	rVB	457944	745579	14.27%	1.499%
6	7.257	720	726	735	rBV	551326	915182	17.52%	1.840%
7	7.334	736	739	748	rVB3	25949	41681	0.80%	0.084%
8	7.722	799	805	810	rBV	600731	919873	17.61%	1.849%
9	7.781	810	815	825	rVB2	353365	564548	10.81%	1.135%
10	7.975	842	848	858	rBV	206341	371672	7.12%	0.747%
11	8.310	902	905	908	rBV3	23497	40597	0.78%	0.082%
12	8.339	908	910	918	rVB2	49493	73838	1.41%	0.148%
13	8.428	920	925	934	rBV	429661	716191	13.71%	1.440%
14	8.498	934	937	940	rVV3	27882	40553	0.78%	0.082%
15	8.551	940	946	955	rVB2	59047	124159	2.38%	0.250%
16	8.816	985	991	997	rBV	267566	427125	8.18%	0.859%
17	8.886	997	1003	1012	rVV	617309	1009994	19.34%	2.031%
18	9.039	1024	1029	1041	rVB	137052	265598	5.08%	0.534%
19	9.386	1084	1088	1092	rBV	19675	30058	0.58%	0.060%
20	9.451	1095	1099	1109	rVB3	50148	88395	1.69%	0.178%
21	9.598	1117	1124	1137	rBV	510490	887905	17.00%	1.785%
22	9.698	1137	1141	1145	rBV2	16618	23936	0.46%	0.048%
23	9.775	1145	1154	1163	rBV4	91090	323478	6.19%	0.650%
24	9.851	1163	1167	1173	rBV3	59090	126527	2.42%	0.254%
25	9.998	1186	1192	1208	rVB2	105105	230048	4.40%	0.463%
26	10.133	1208	1215	1224	rBV	780505	1356791	25.98%	2.728%
27	10.286	1235	1241	1251	rBV3	35890	77921	1.49%	0.157%
28	10.363	1251	1254	1258	rVV5	10294	16217	0.31%	0.033%
29	10.422	1258	1264	1272	rVV3	84058	169580	3.25%	0.341%
30	10.504	1272	1278	1284	rVV	805421	1349241	25.83%	2.713%
31	10.557	1284	1287	1299	rVV2	148635	264900	5.07%	0.533%
32	10.669	1299	1306	1319	rVB	49990	114874	2.20%	0.231%
33	10.816	1322	1331	1337	rBV4	34608	74701	1.43%	0.150%
34	10.898	1340	1345	1350	rVB4	9520	17561	0.34%	0.035%

LSC Area Percent Report

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Sample : K3772-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52S2

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	11.057	1364	1372	1377	rBV4	10948	31089	0.60%	0.063%
36	11.104	1377	1380	1385	rVV3	11335	17779	0.34%	0.036%
37	11.175	1387	1392	1402	rVB	47317	85452	1.64%	0.172%
38	11.263	1402	1407	1409	rBV4	10931	18435	0.35%	0.037%
39	11.316	1409	1416	1428	rVV6	86168	213431	4.09%	0.429%
40	11.427	1432	1435	1442	rVB4	9102	15513	0.30%	0.031%
41	11.498	1442	1447	1453	rBV6	6035	12104	0.23%	0.024%
42	11.680	1474	1478	1484	rBV5	9666	19390	0.37%	0.039%
43	11.874	1507	1511	1514	rBV5	6789	9908	0.19%	0.020%
44	12.022	1531	1536	1541	rBV2	8215	14517	0.28%	0.029%
45	12.104	1545	1550	1553	rBV2	9806	13274	0.25%	0.027%
46	12.251	1571	1575	1584	rVB6	6185	12879	0.25%	0.026%
47	12.569	1624	1629	1633	rBV5	8476	12098	0.23%	0.024%
48	12.704	1643	1652	1666	rBV	140136	273952	5.24%	0.551%
49	12.827	1668	1673	1682	rVB	16820	28285	0.54%	0.057%
50	12.963	1690	1696	1704	rBV	253035	385939	7.39%	0.776%
51	13.251	1741	1745	1748	rBV2	11484	15760	0.30%	0.032%
52	13.304	1748	1754	1766	rVB	169401	311838	5.97%	0.627%
53	13.504	1783	1788	1792	rBV7	12500	21915	0.42%	0.044%
54	13.633	1807	1810	1814	rBV4	7558	11583	0.22%	0.023%
55	13.780	1825	1835	1840	rBV	1512074	2100557	40.21%	4.223%
56	13.827	1840	1843	1849	rVV	224757	319867	6.12%	0.643%
57	13.886	1849	1853	1861	rVB2	37192	48421	0.93%	0.097%
58	14.057	1874	1882	1891	rBV	1673434	2475423	47.39%	4.977%
59	14.133	1891	1895	1899	rVB4	6514	10125	0.19%	0.020%
60	14.245	1908	1914	1921	rBV2	32063	49933	0.96%	0.100%
61	14.368	1927	1935	1945	rBV2	1127869	1734280	33.20%	3.487%
62	14.445	1945	1948	1952	rVB2	7172	9603	0.18%	0.019%
63	14.604	1967	1975	1988	rBV2	63956	162590	3.11%	0.327%
64	14.968	2032	2037	2041	rBV3	11662	18170	0.35%	0.037%
65	15.057	2045	2052	2054	rBV3	6229	10644	0.20%	0.021%
66	15.121	2060	2063	2065	rBV	8357	11156	0.21%	0.022%
67	15.157	2065	2069	2073	rVV	116643	152021	2.91%	0.306%
68	15.198	2073	2076	2082	rVB	63456	82728	1.58%	0.166%
69	15.362	2097	2104	2117	rVB	2265261	3168891	60.67%	6.371%
70	15.498	2122	2127	2140	rVV	545717	787944	15.08%	1.584%
71	15.604	2140	2145	2152	rVB	23798	34740	0.67%	0.070%

LSC Area Percent Report

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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52S2

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	15.733	2163	2167	2172	rBV2	29324	37418	0.72%	0.075%
73	16.151	2234	2238	2241	rVB2	9227	12146	0.23%	0.024%
74	16.533	2298	2303	2306	rBV3	7135	11517	0.22%	0.023%
75	17.115	2395	2402	2409	rBV2	1443426	2055997	39.36%	4.134%
76	17.215	2409	2419	2429	rVV	2480080	3617022	69.25%	7.272%
77	17.404	2448	2451	2455	rBV	19590	24273	0.46%	0.049%
78	17.598	2482	2484	2489	rBV4	7913	11779	0.23%	0.024%
79	17.786	2510	2516	2525	rBV	1113294	1354312	25.93%	2.723%
80	17.886	2528	2533	2538	rBV5	22219	45507	0.87%	0.091%
81	18.009	2549	2554	2564	rBV	168735	275320	5.27%	0.554%
82	18.086	2564	2567	2570	rBV	26407	30987	0.59%	0.062%
83	18.227	2587	2591	2595	rBV	40146	58194	1.11%	0.117%
84	18.292	2600	2602	2607	rVB3	11683	14974	0.29%	0.030%
85	18.598	2651	2654	2656	rVB4	12750	13322	0.26%	0.027%
86	19.150	2744	2748	2751	rBV	53924	77686	1.49%	0.156%
87	19.297	2769	2773	2780	rBV3	60409	107165	2.05%	0.215%
88	19.403	2788	2791	2796	rVB	23989	29938	0.57%	0.060%
89	19.515	2804	2810	2825	rBV	3426891	4590056	87.87%	9.229%
90	20.050	2899	2901	2904	rVB2	30823	26518	0.51%	0.053%
91	20.550	2983	2986	2989	rBV2	64651	70855	1.36%	0.142%
92	21.015	3062	3065	3074	rBV3	177178	260325	4.98%	0.523%
93	21.309	3110	3115	3124	rBV	1859358	2461158	47.12%	4.948%
94	21.450	3136	3139	3146	rBV	148420	165391	3.17%	0.333%
95	21.886	3210	3213	3219	rBV2	177036	211891	4.06%	0.426%
96	22.350	3289	3292	3300	rVB2	223876	292710	5.60%	0.589%
97	22.480	3311	3314	3320	rVB	187502	237853	4.55%	0.478%
98	22.862	3376	3379	3385	rVB	235764	313528	6.00%	0.630%
99	23.427	3468	3475	3486	rBV	2848546	5223444	100.00%	10.502%
100	23.568	3493	3499	3509	rVB	1275646	2519716	48.24%	5.066%

Sum of corrected areas: 49737659

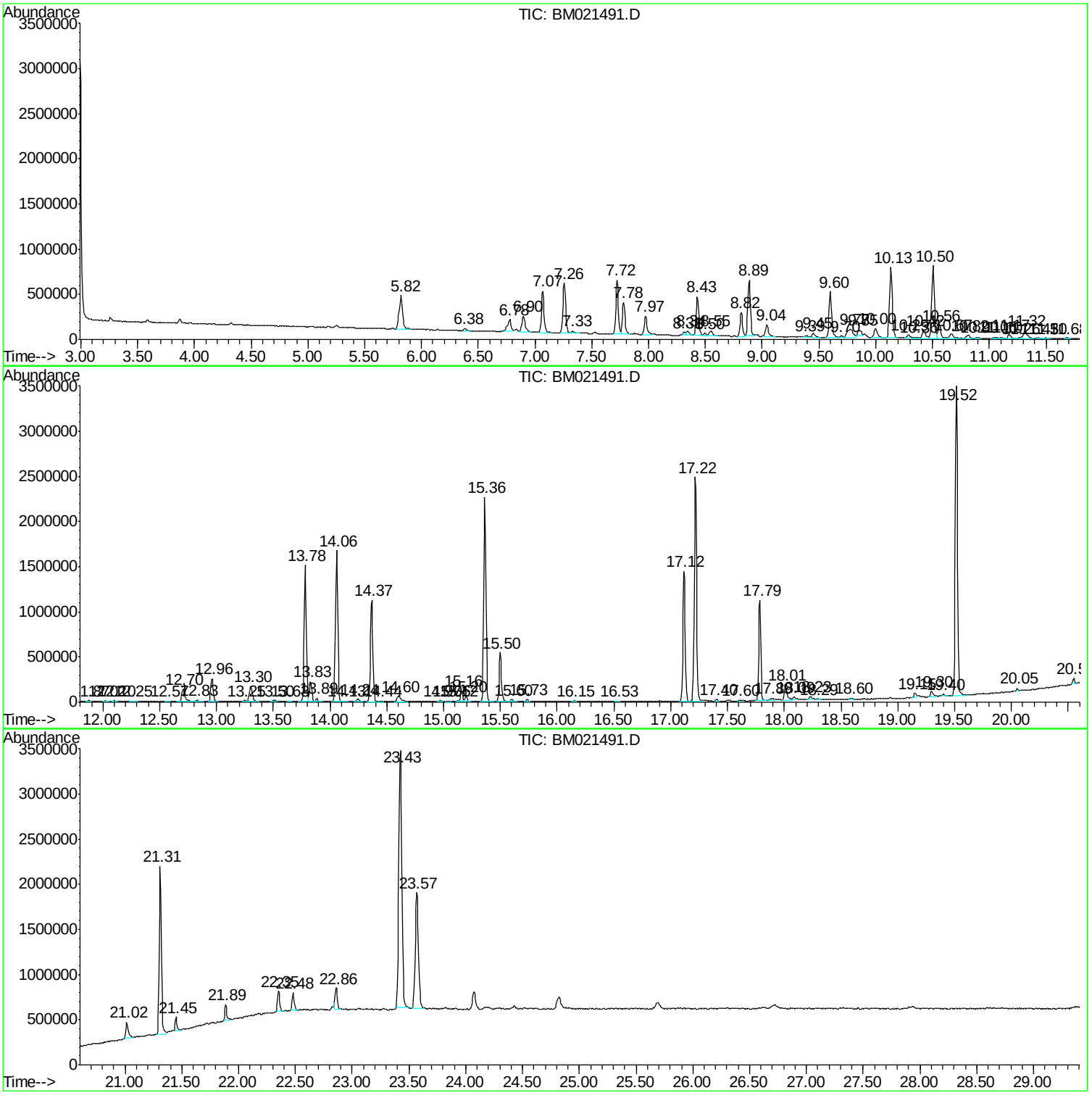
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
Data File : BM021491.D
Acq On : 17 Jul 2019 11:34
Operator : HP/JU
Sample : K3772-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52S2

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\BM071719\
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Instrument : BNA_M
ClientSampleId : A52S2

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

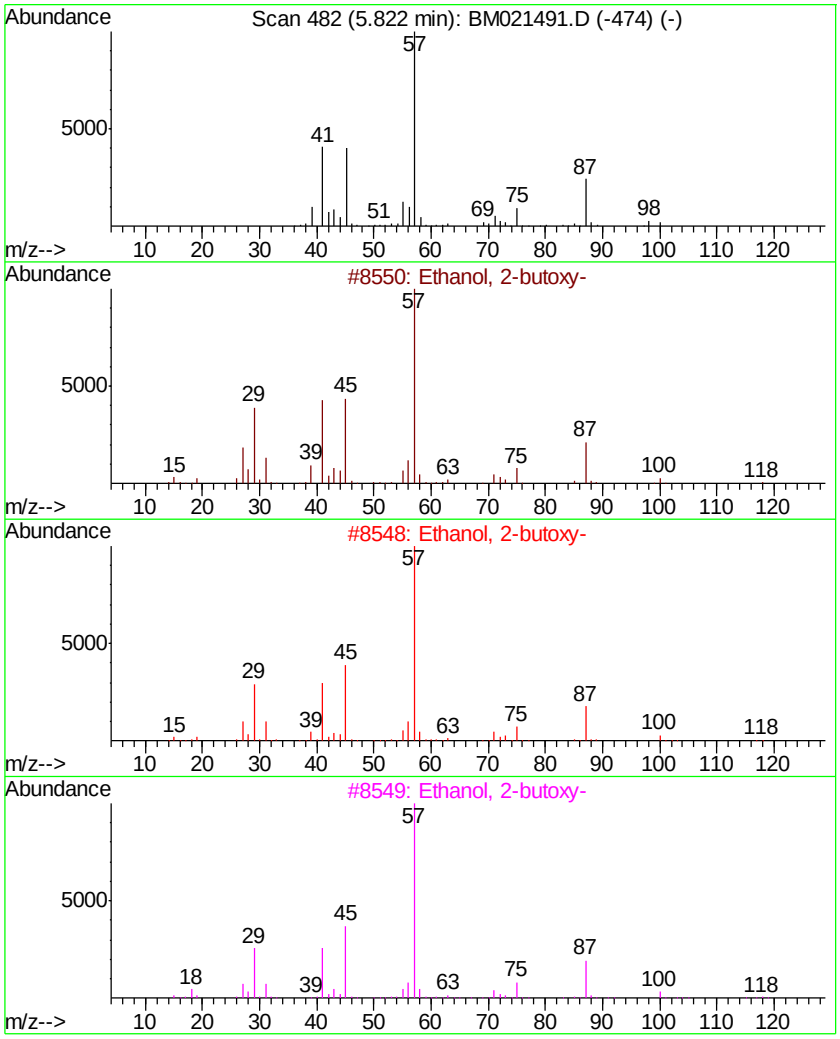
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

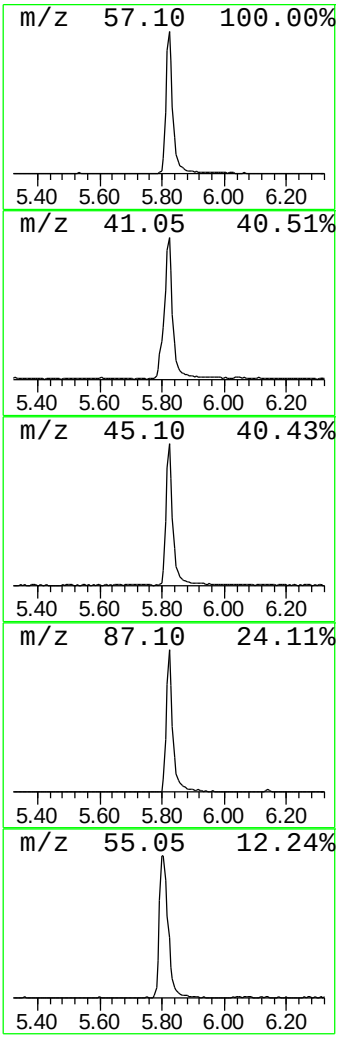
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.82	16.54 ng/ul	760609	1,4-Dichlorobenzene-d4	7.72

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	50
4	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	50
5	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	33





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52S2

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

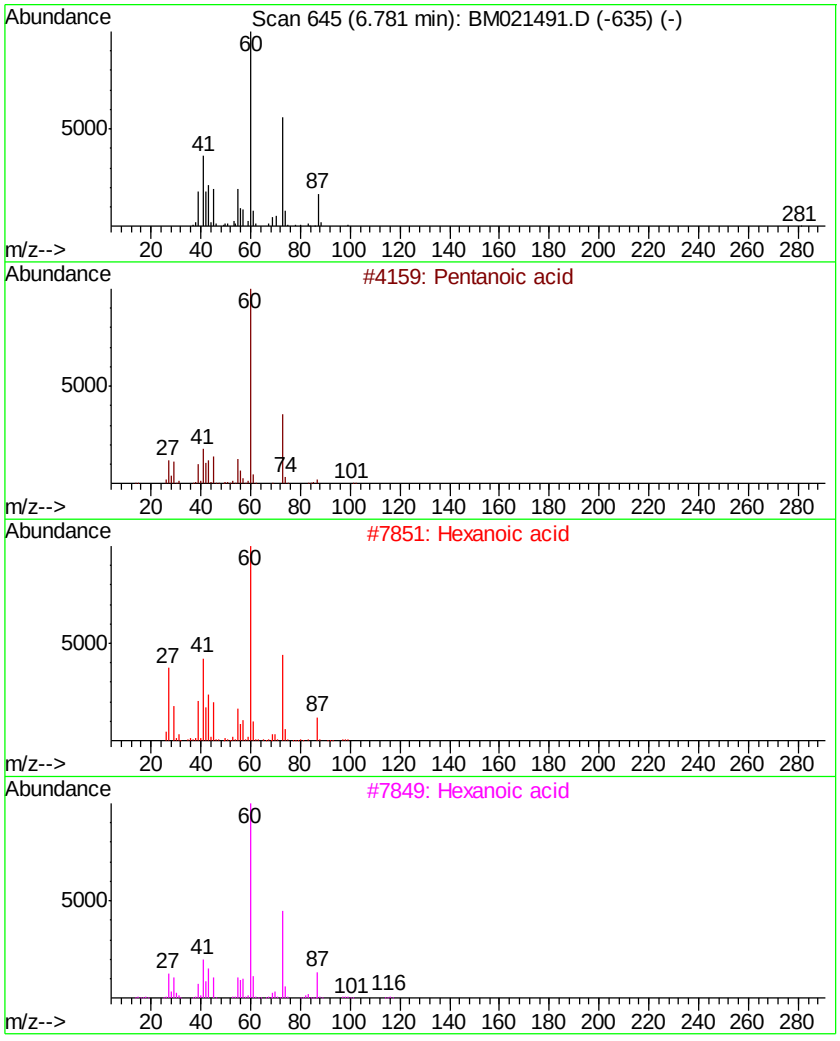
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

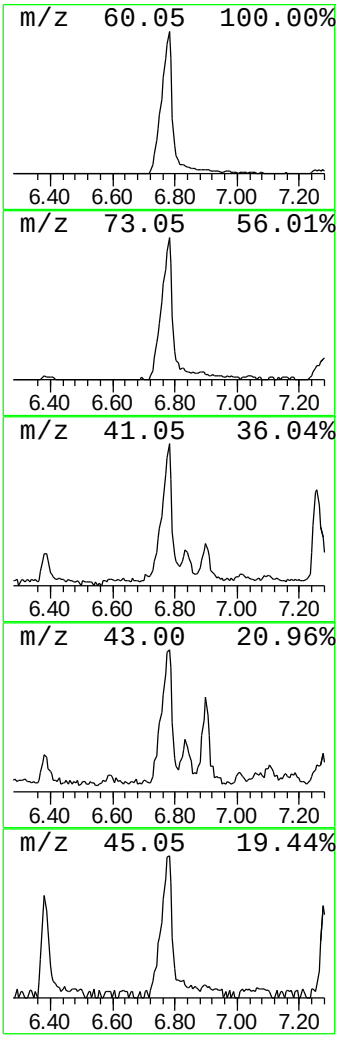
****

Peak Number 2 Pentanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	6.60 ng/ul	303357	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid	102	C5H10O2	000109-52-4	83
2	Hexanoic acid	116	C6H12O2	000142-62-1	83
3	Hexanoic acid	116	C6H12O2	000142-62-1	78
4	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	78
5	Hexanoic acid	116	C6H12O2	000142-62-1	72





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

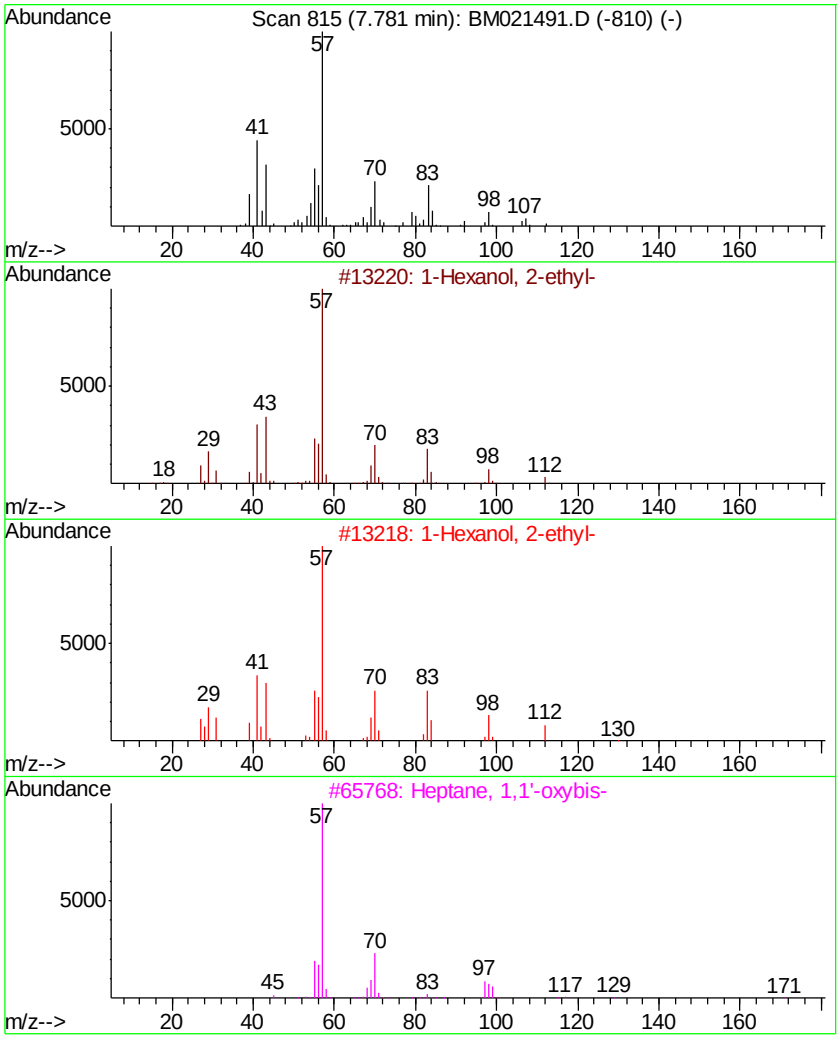
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

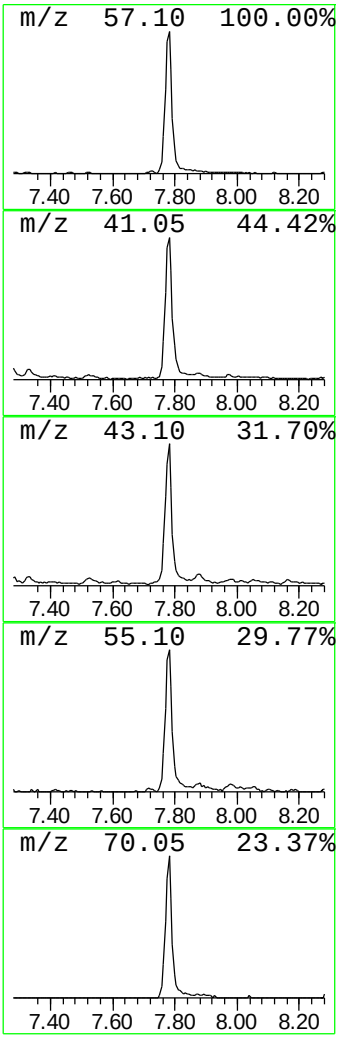
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.78	12.27 ng/ul	564548	1,4-Dichlorobenzene-d4	7.72

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	50
3	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	50
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	50
5	dl-2-Ethylhexyl chloroformate	192	C9H17ClO2	024468-13-1	47





Library Search Compound Report

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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52S2

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

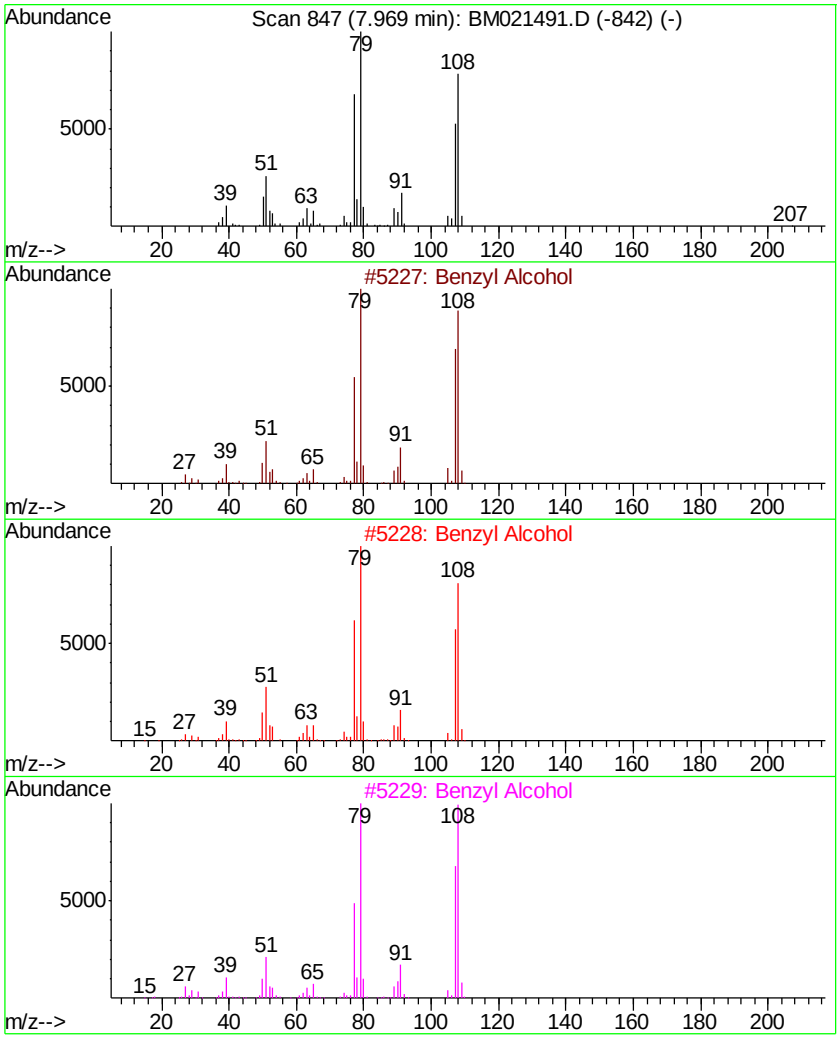
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

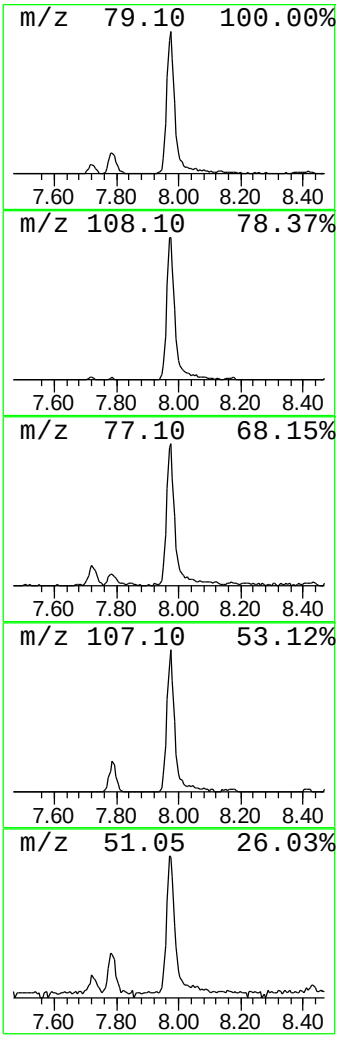
****

Peak Number 4 Benzyl Alcohol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.97	8.08 ng/ul	371672	1,4-Dichlorobenzene-d4	7.72

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-Cbz-glycylglycine p-nitrophenyl...	387	C18H17N3O7	013574-81-7	91
5	N-.alpha.,N-.omega.-Di-cbz-L-arg...	442	C22H26N4O6	053934-75-1	78





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
Data File : BM021491.D
Acq On : 17 Jul 2019 11:34
Operator : HP/JU
Sample : K3772-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52S2

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

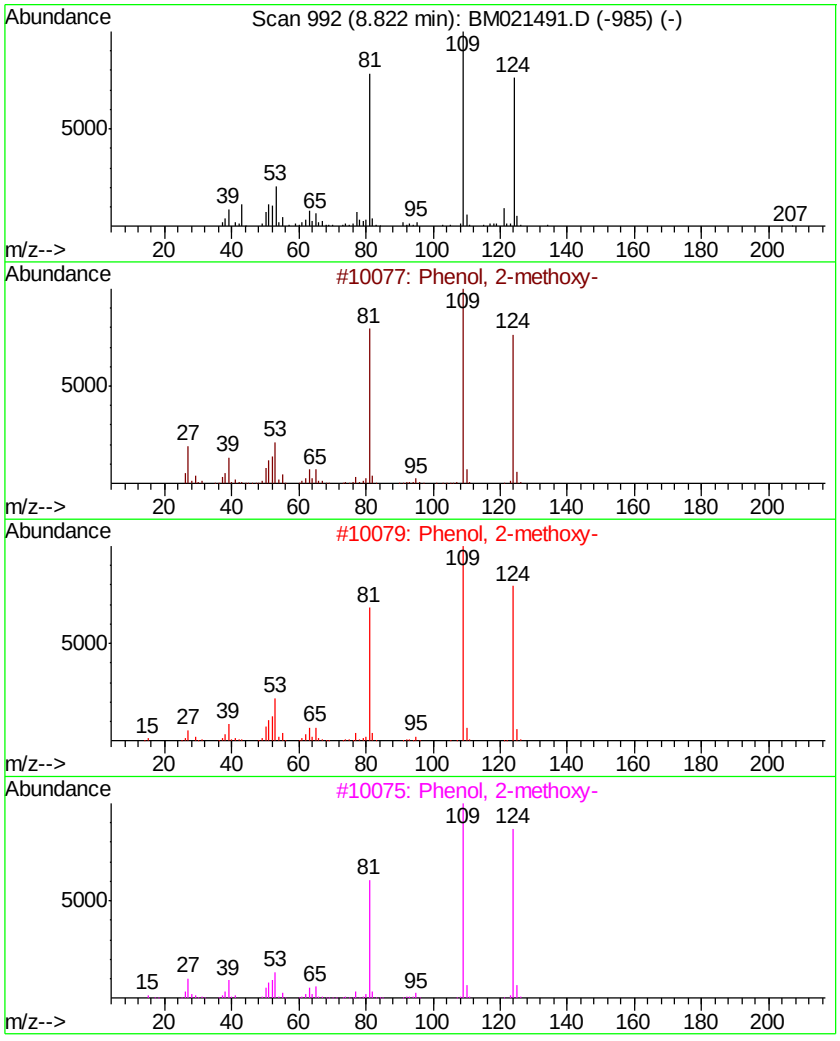
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

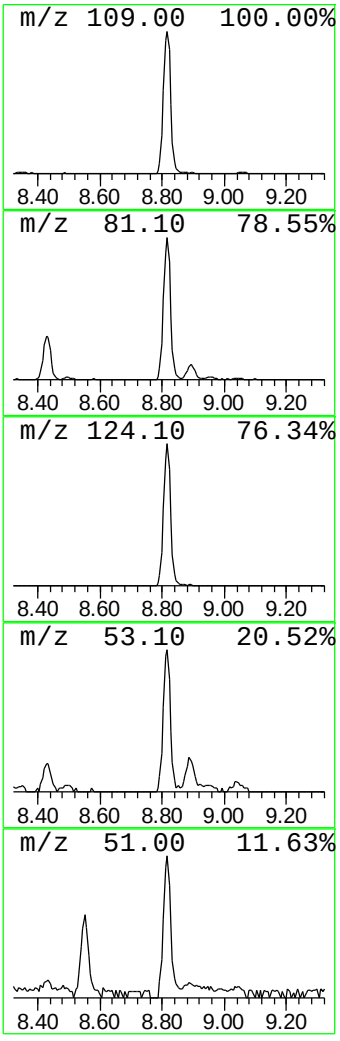
****

Peak Number 5 Phenol, 2-methoxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.82	9.29 ng/ul	427125	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	97
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	96
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	91
4	Mequinol	124	C7H8O2	000150-76-5	90
5	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	86





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Operator : HP/JU
Sample : K3772-17
Misc :
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Instrument : BNA_M
ClientSampleId : A52S2

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Quant Title : SVOA CALIBRATION

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

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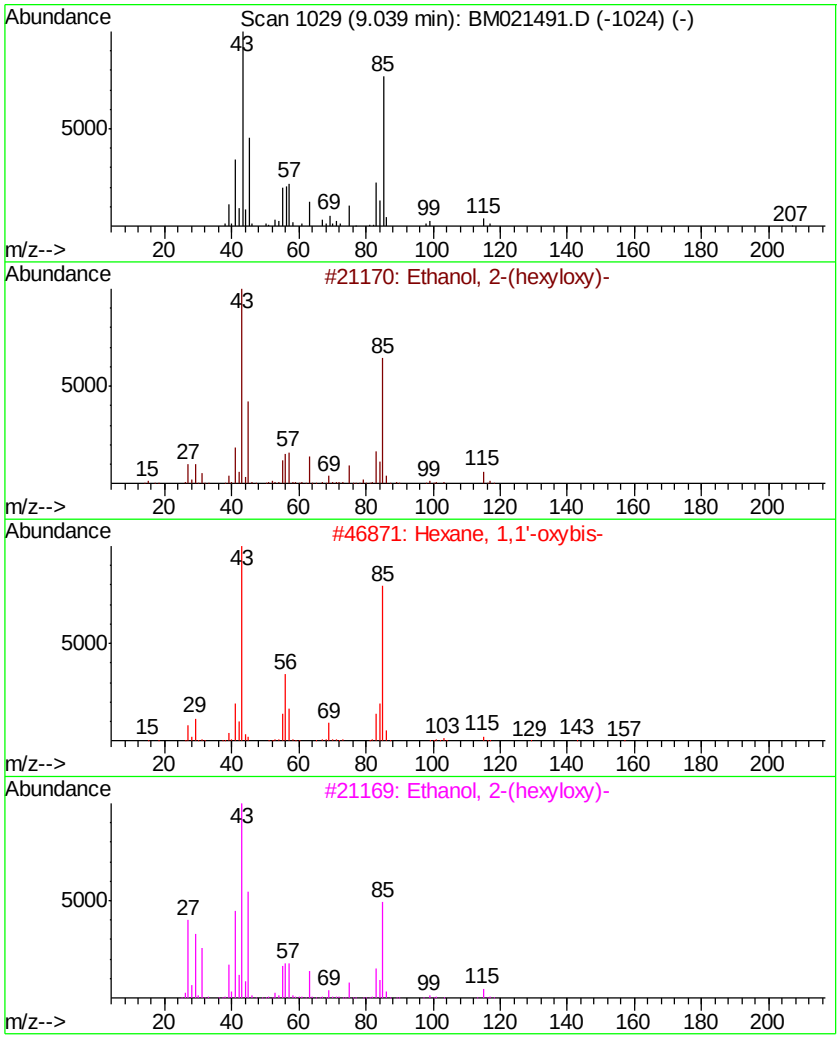
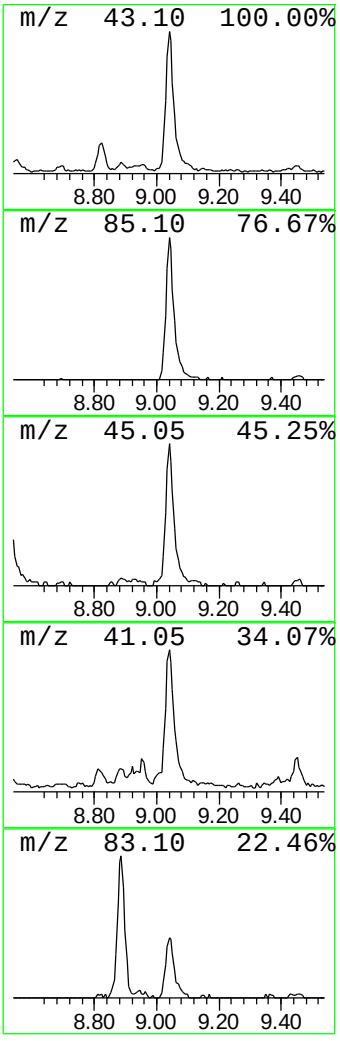
Peak Number 6 Ethanol, 2-(hexyloxy)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.04	5.77 ng/ul	265598	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(hexyloxy)-	146	C8H18O2	000112-25-4	74
2	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	50
3	Ethanol, 2-(hexyloxy)-	146	C8H18O2	000112-25-4	50
4	Hexane, 1-propoxy-	144	C9H20O	053685-78-2	47
5	Hexane, 1,1'-[methylenebis(oxy)]...	216	C13H28O2	054815-12-2	40





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Quant Title : SVOA CALIBRATION

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

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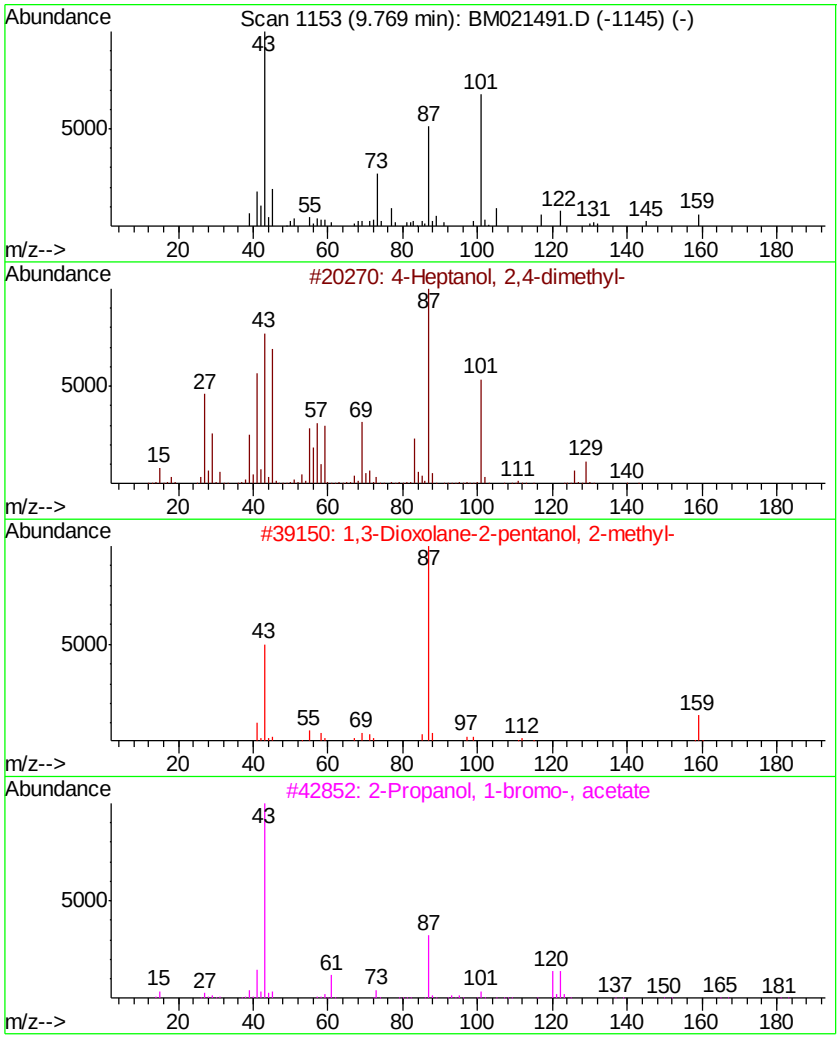
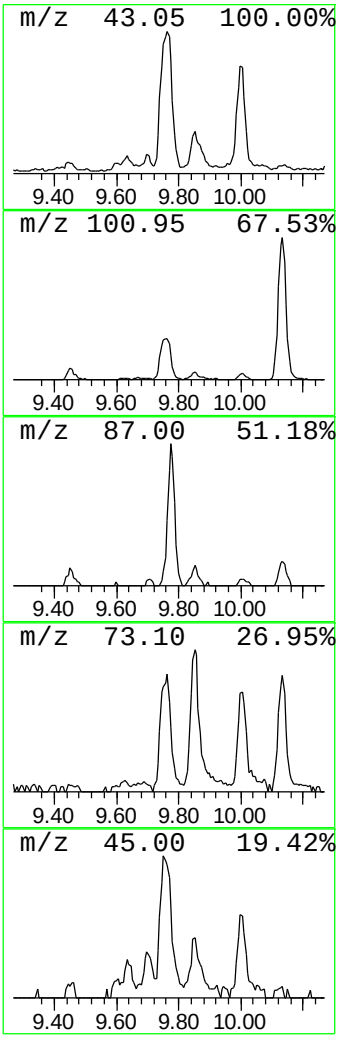
Peak Number 7 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	4.79 ng/ul	323478	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanol, 2,4-dimethyl-	144	C9H20O	019549-77-0	32
2	1,3-Dioxolane-2-pentanol, 2-methyl-	174	C9H18O3	036651-23-7	27
3	2-Propanol, 1-bromo-, acetate	180	C5H9BrO2	010299-39-5	25
4	3-(1-Isopropyl-but-3-enyloxy)-bu...	200	C11H20O3	1000192-42-8	23
5	4-Heptanol, 2,4-dimethyl-	144	C9H20O	019549-77-0	23





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Quant Title : SVOA CALIBRATION

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

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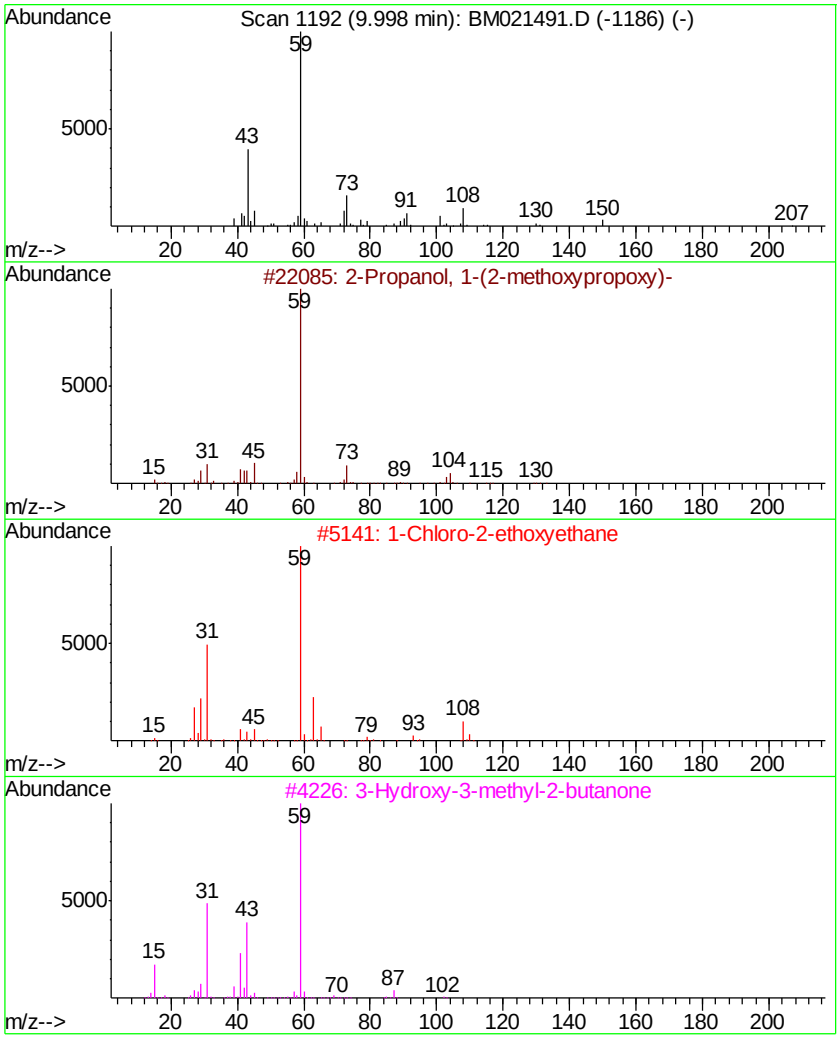
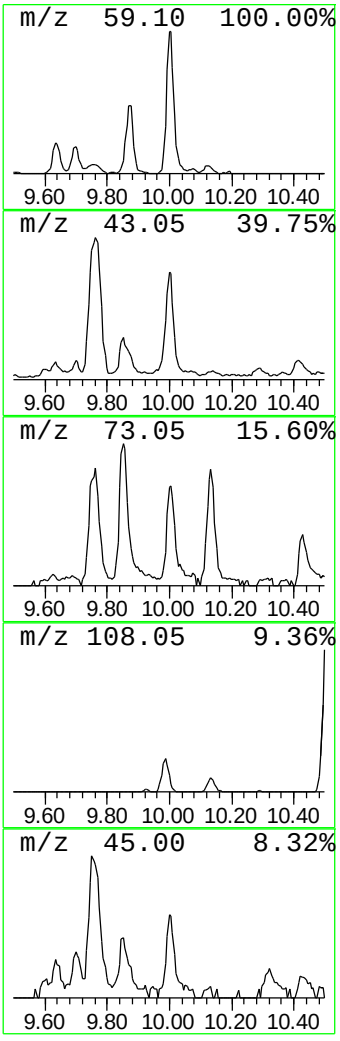
Peak Number 8 2-Propanol, 1-(2-methoxypro... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	3.41 ng/ul	230048	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	59
2	1-Chloro-2-ethoxyethane	108	C4H9ClO	000628-34-2	59
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	50
4	1-Chloro-2-ethoxyethane	108	C4H9ClO	000628-34-2	45
5	Propanoic acid, 2-hydroxy-2-methyl-	104	C4H8O3	000594-61-6	40





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ClientSampleId : A52S2

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Quant Title : SVOA CALIBRATION

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

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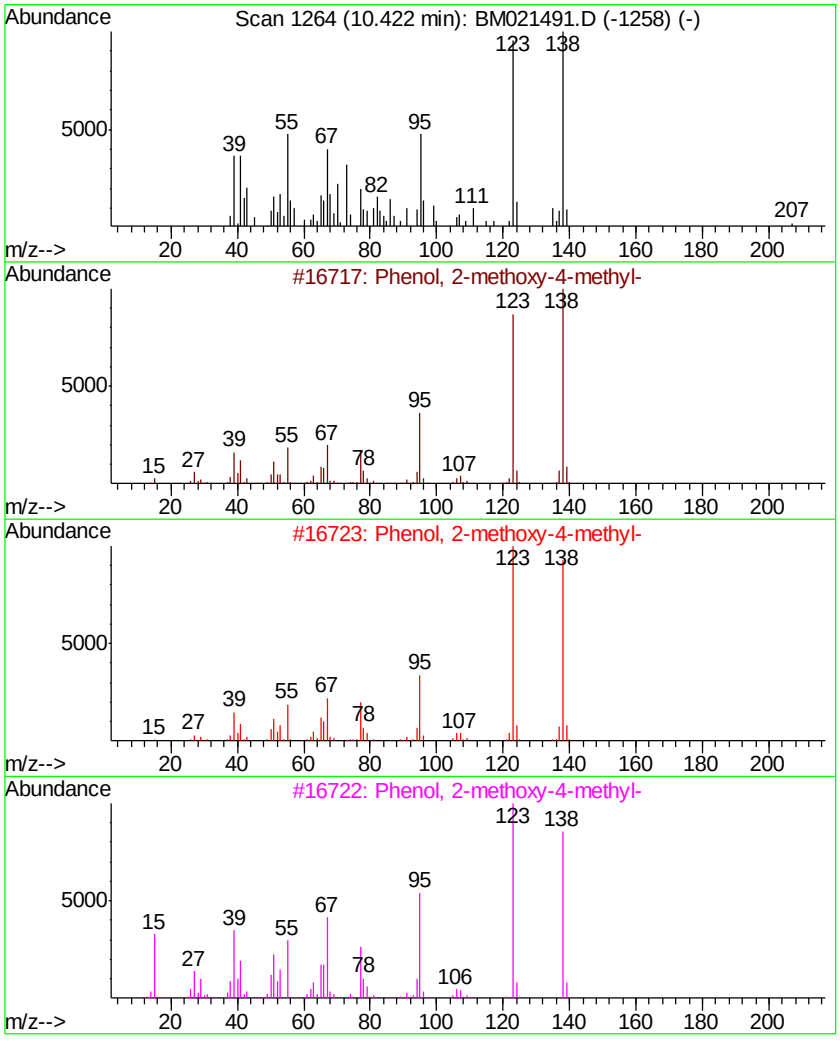
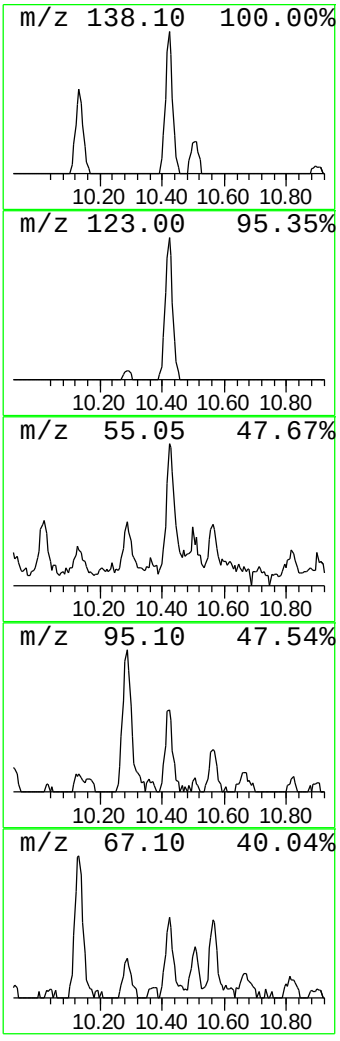
Peak Number 9 Phenol, 2-methoxy-4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.42	2.51 ng/ul	169580	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-4-methyl-	138	C8H10O2	000093-51-6	96
2	Phenol, 2-methoxy-4-methyl-	138	C8H10O2	000093-51-6	96
3	Phenol, 2-methoxy-4-methyl-	138	C8H10O2	000093-51-6	93
4	2-Methoxy-5-methylphenol	138	C8H10O2	001195-09-1	81
5	2-Methoxy-5-methylphenol	138	C8H10O2	001195-09-1	81





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Quant Title : SVOA CALIBRATION

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

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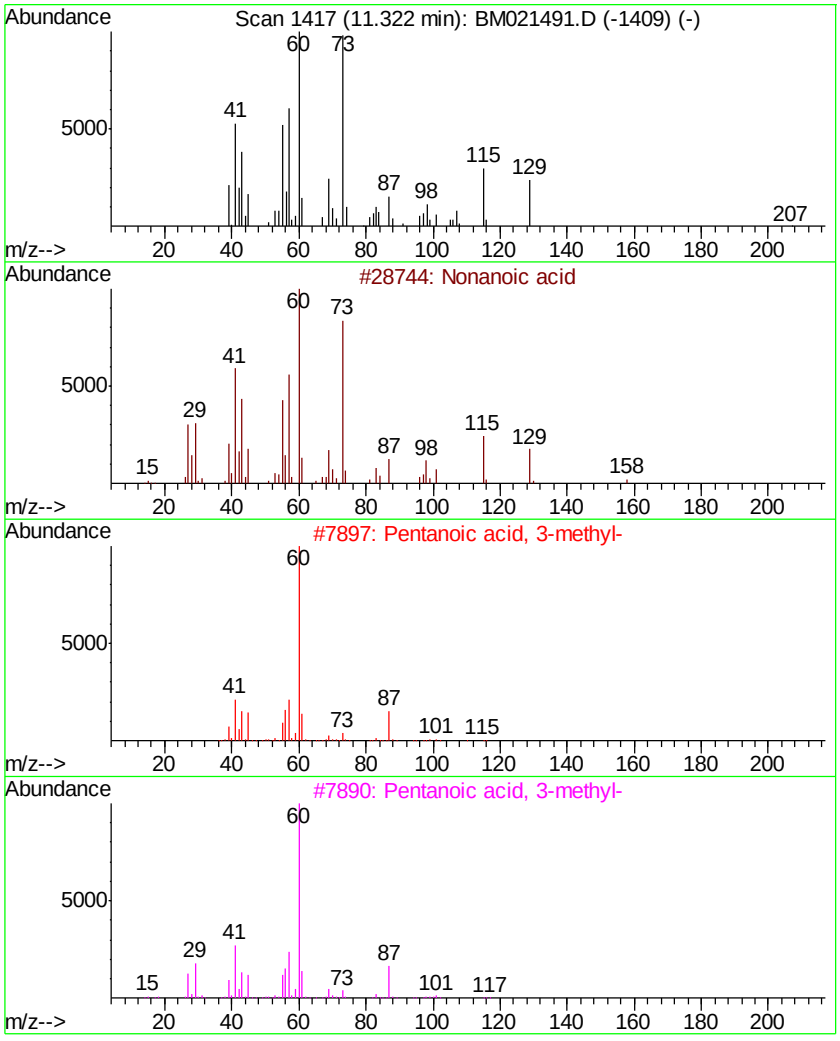
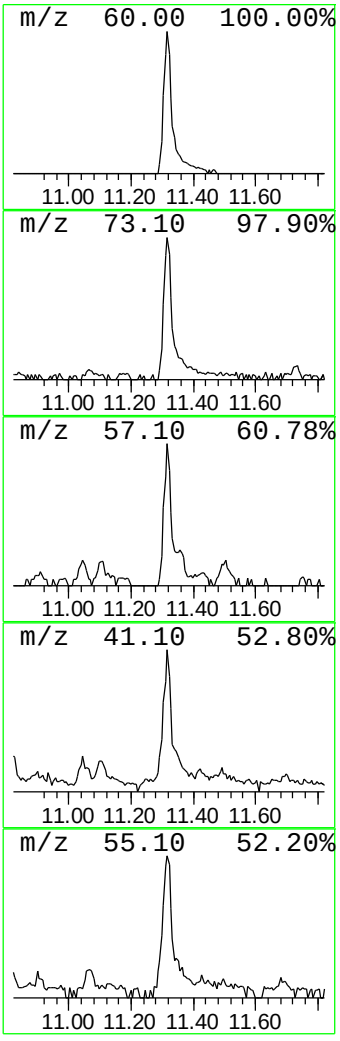
Peak Number 10 Nonanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	3.16 ng/ul	213431	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanoic acid	158	C9H18O2	000112-05-0	91
2	Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	43
3	Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	43
4	Pentanoic acid	102	C5H10O2	000109-52-4	43
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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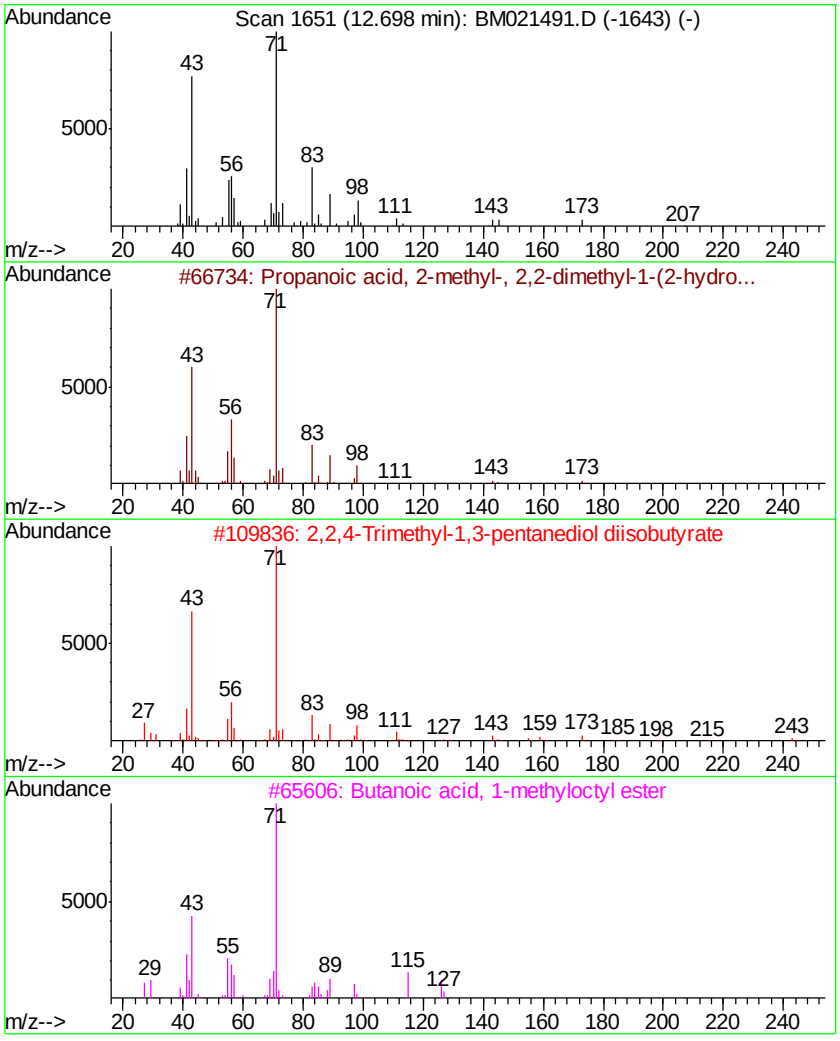
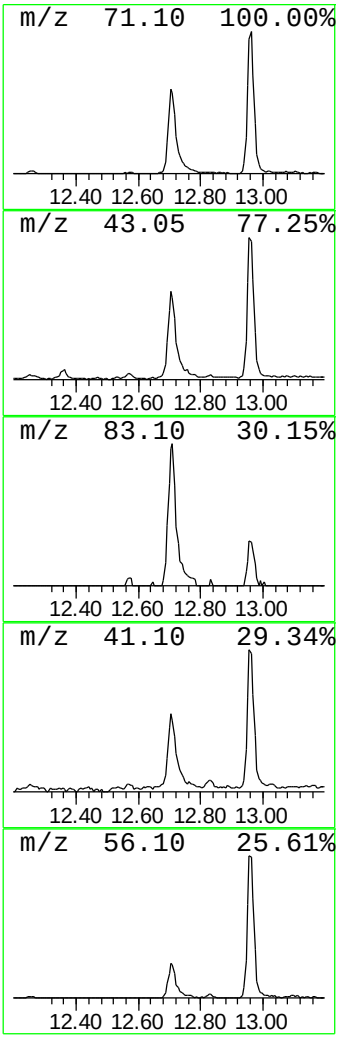
Peak Number 11 Propanoic acid, 2-methyl-, ... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	3.16 ng/ul	273952	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	78
3	Butanoic acid, 1-methyloctyl ester	214	C13H26O2	069727-42-0	50
4	1-Hexene, 3,4,5-trimethyl-	126	C9H18	056728-10-0	47
5	3-Hexenoic acid, 5-hydroxy-2-met...	144	C7H12O3	110678-36-9	45





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Quant Title : SVOA CALIBRATION

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

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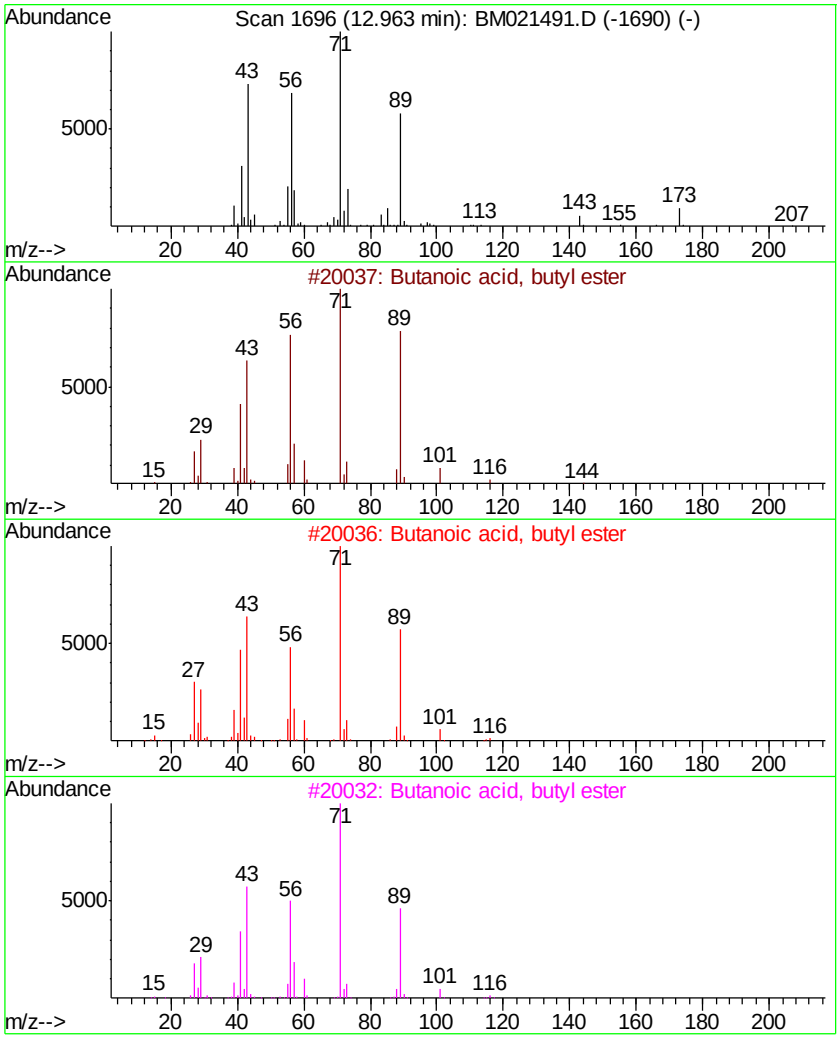
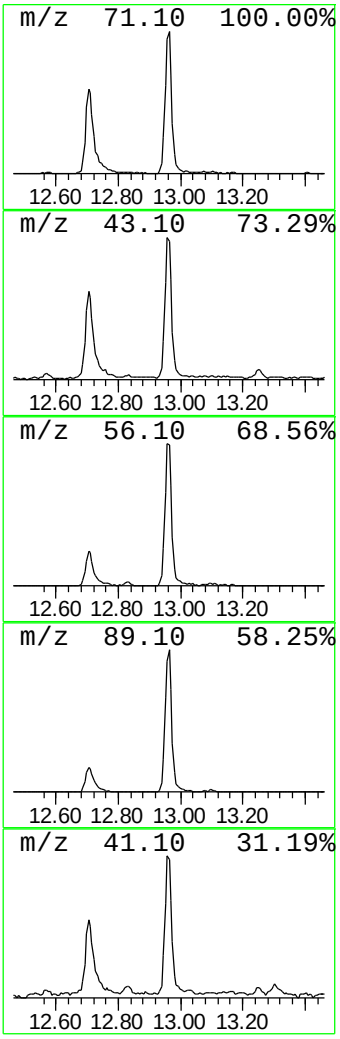
Peak Number 12 Butanoic acid, butyl ester Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	4.45 ng/ul	385939	Acenaphthene-d10	14.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	64
2	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	56
3	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	50
4	Butanoic acid, hexyl ester	172	C10H20O2	002639-63-6	50
5	Propanoic acid, 2-methyl-, 3-hyd...	216	C12H24O3	074367-34-3	47





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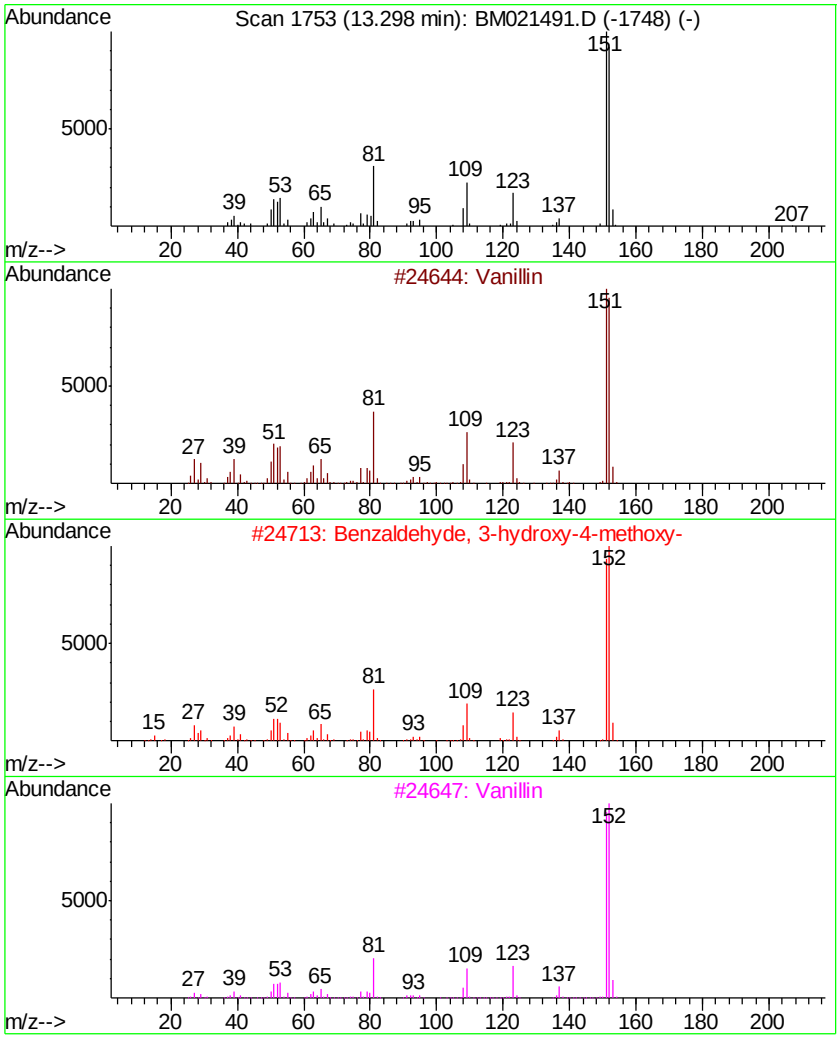
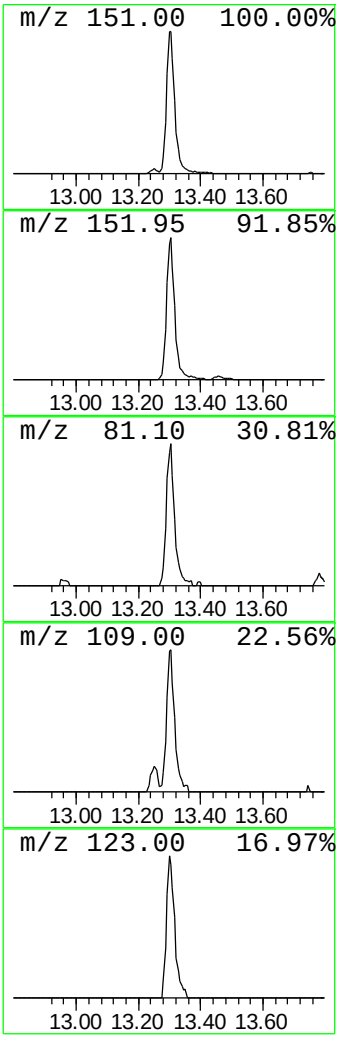
Peak Number 13 Vanillin Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	3.60 ng/ul	311838	Acenaphthene-d10	14.37

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





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Quant Title : SVOA CALIBRATION

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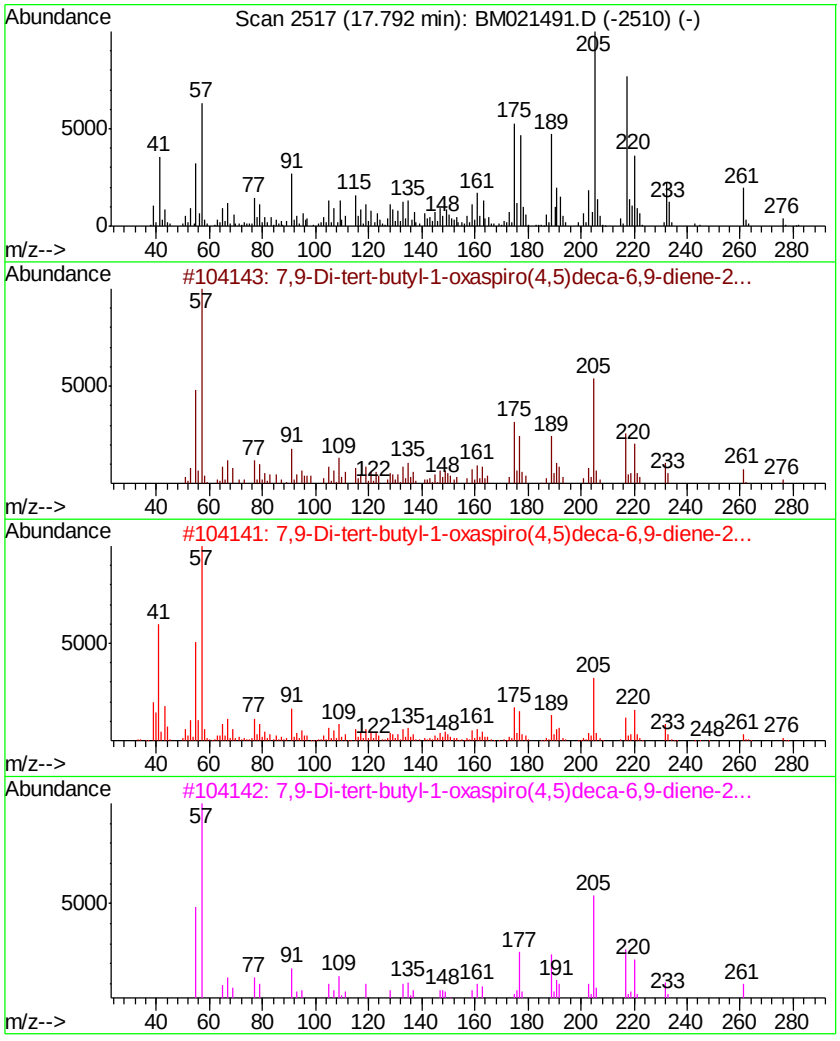
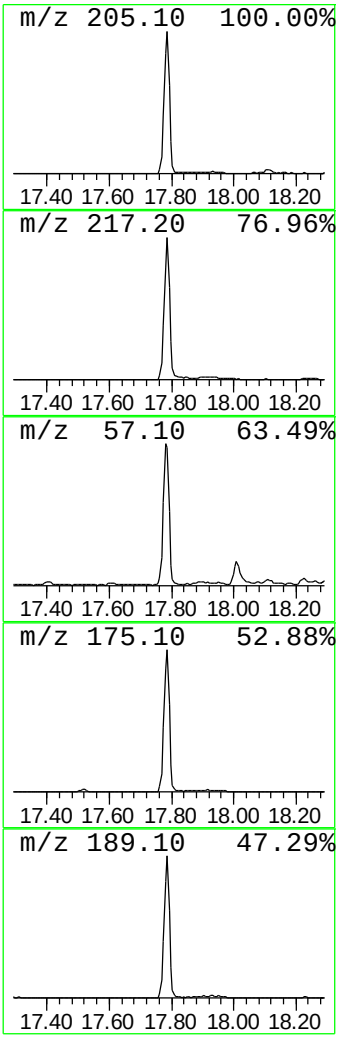
Peak Number 14 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	13.17 ng/ul	1354310	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	76
4	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	64
5	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	42





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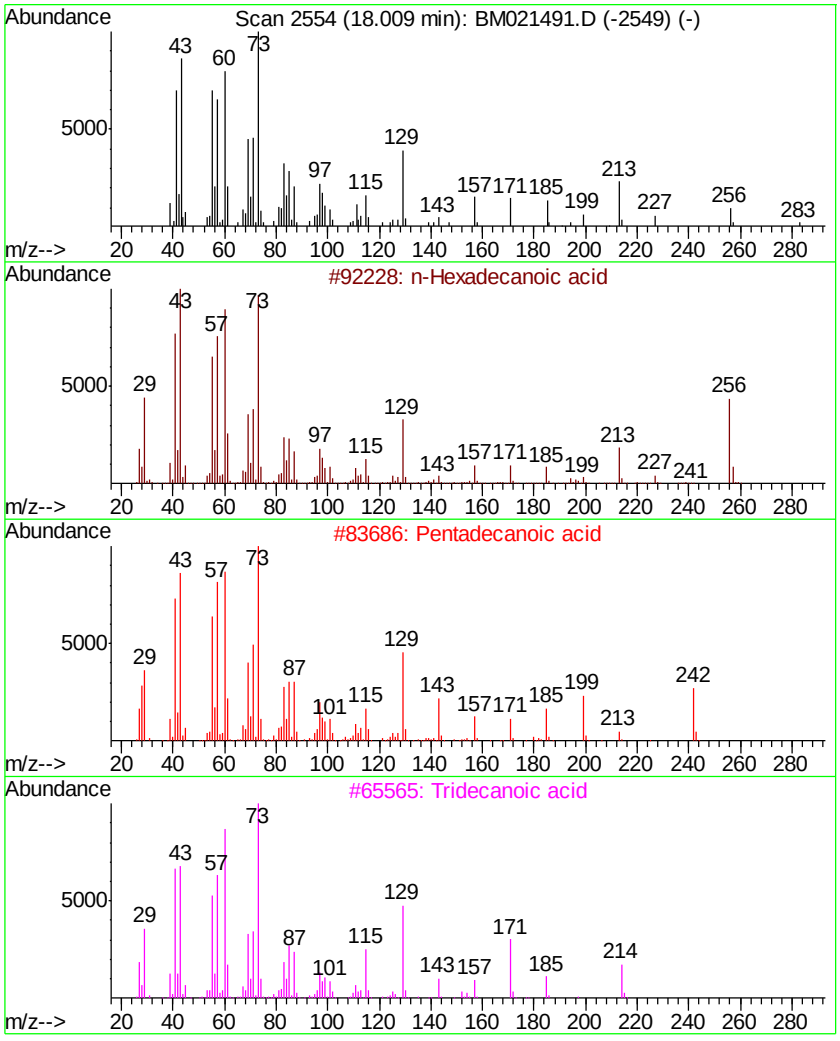
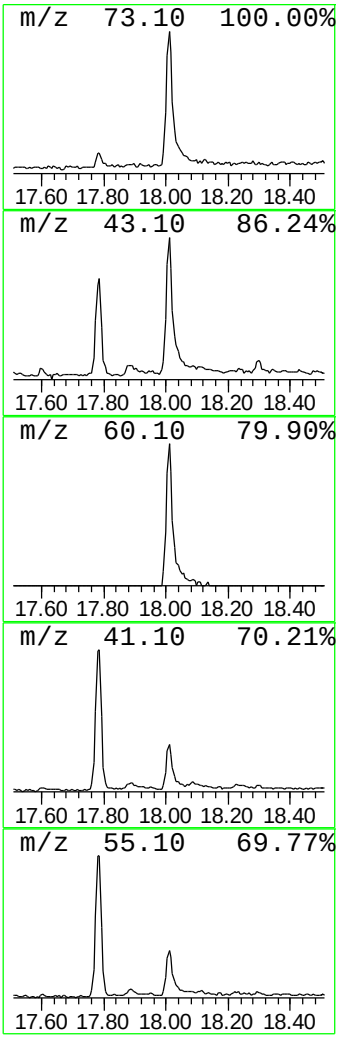
Peak Number 15 n-Hexadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	2.68 ng/ul	275320	Phenanthrene-d10	17.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	Tridecanoic acid	214	C13H26O2	000638-53-9	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	74
5	Tridecanoic acid	214	C13H26O2	000638-53-9	62





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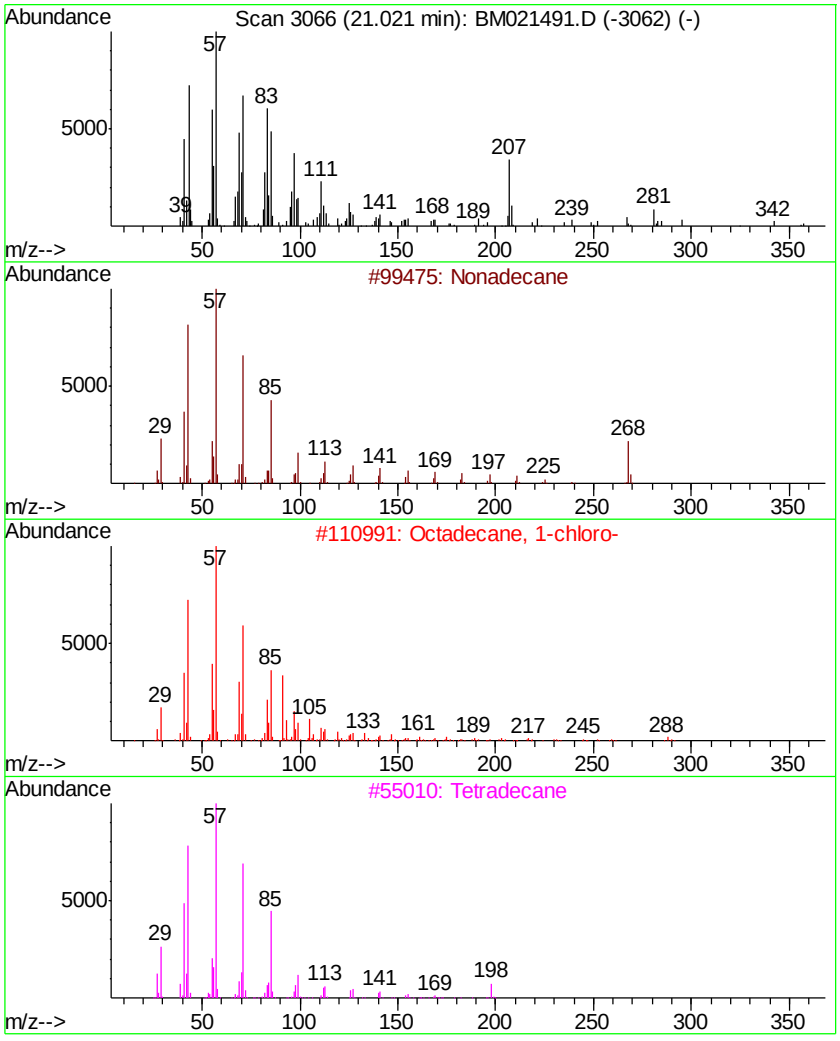
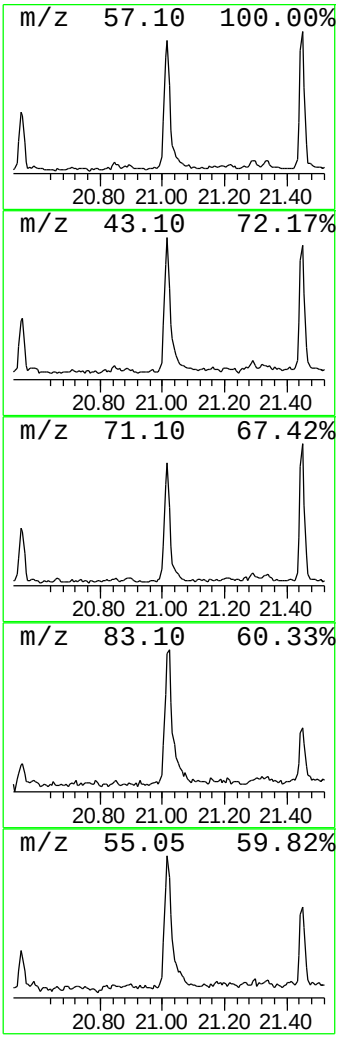
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.02	2.12 ng/ul	260325	Chrysene-d12	21.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	89
2	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	74
3	Tetradecane	198	C14H30	000629-59-4	58
4	E-7-Octadecene	252	C18H36	1000130-92-0	55
5	Hexadecane	226	C16H34	000544-76-3	49





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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52S2

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

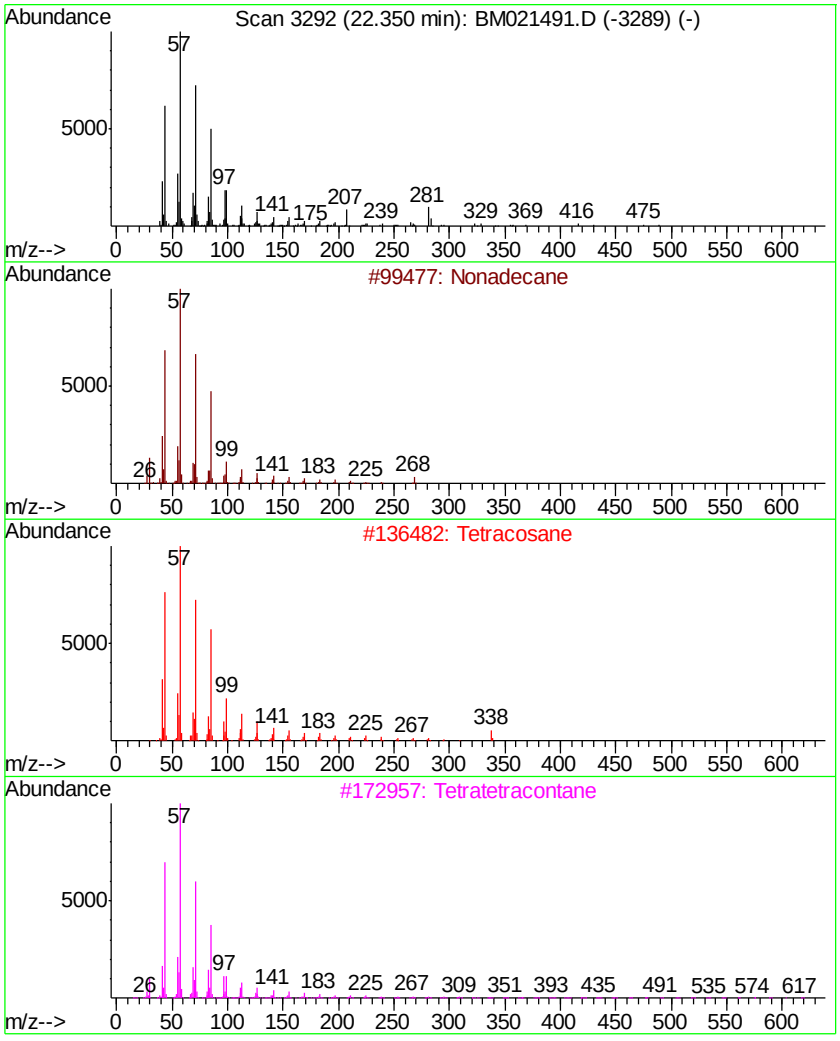
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

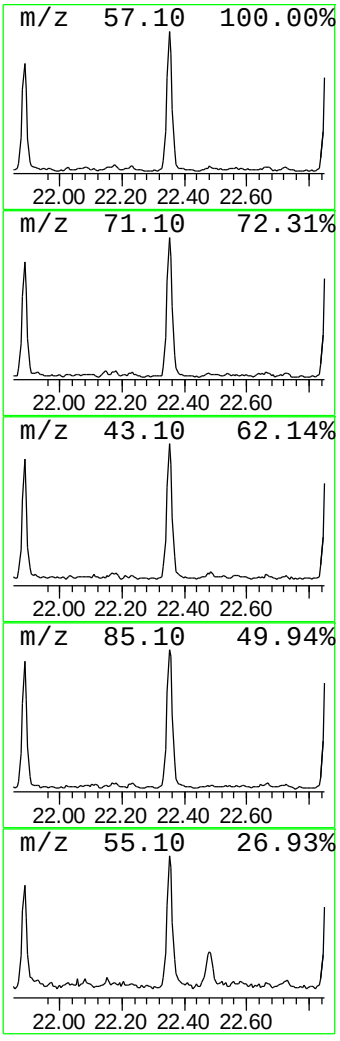
****

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.35	2.38 ng/ul	292710	Chrysene-d12	21.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Tetracosane	338	C24H50	000646-31-1	87
3	Tetratetracontane	619	C44H90	007098-22-8	87
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83
5	Octacosane	394	C28H58	000630-02-4	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
Data File : BM021491.D
Acq On : 17 Jul 2019 11:34
Operator : HP/JU
Sample : K3772-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52S2

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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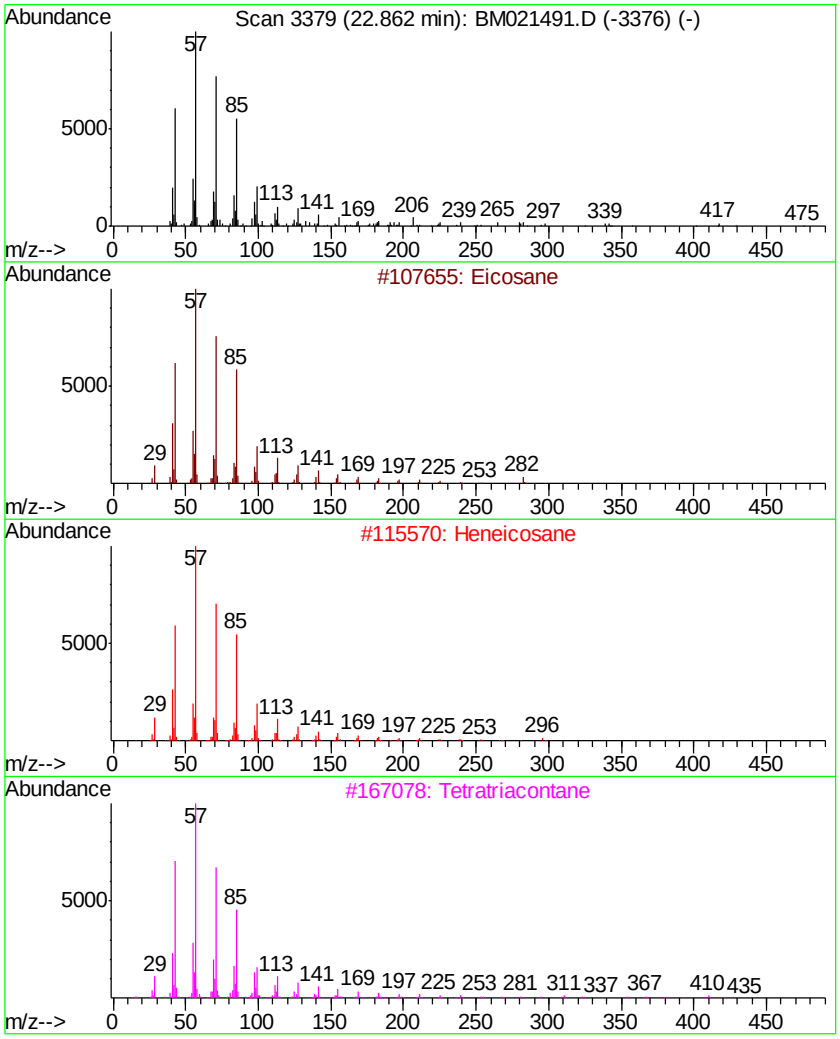
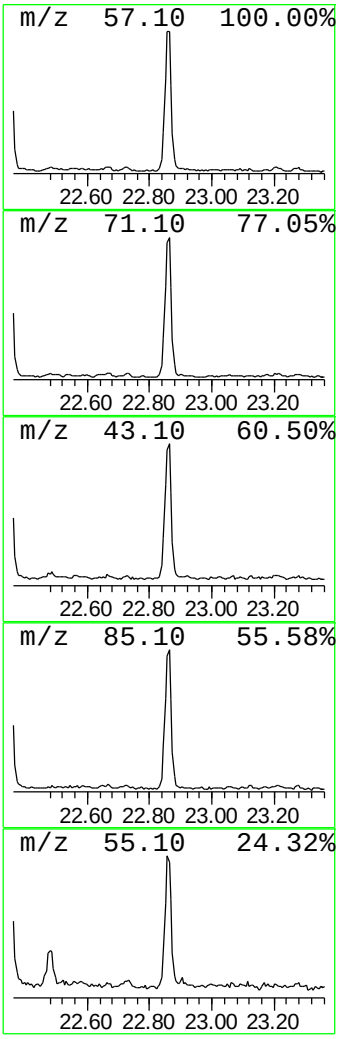
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.86	2.49 ng/ul	313528	Perylene-d12	23.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Heneicosane	296	C21H44	000629-94-7	91
3	Tetratriacontane	479	C34H70	014167-59-0	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Tetratetracontane	619	C44H90	007098-22-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM071719\
Data File : BM021491.D
Acq On : 17 Jul 2019 11:34
Operator : HP/JU
Sample : K3772-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52S2

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	16.5	ng/ul	760609	1	7.72	919873	20.0
Pentanoic acid	6.78	6.6	ng/ul	303357	1	7.72	919873	20.0
1-Hexanol, 2-ethyl-	7.78	12.3	ng/ul	564548	1	7.72	919873	20.0
Benzyl Alcohol	7.97	8.1	ng/ul	371672	1	7.72	919873	20.0
Phenol, 2-methoxy-	8.82	9.3	ng/ul	427125	1	7.72	919873	20.0
Ethanol, 2-(hexyl...	9.04	5.8	ng/ul	265598	1	7.72	919873	20.0
unknown-01	9.77	4.8	ng/ul	323478	2	10.50	1349240	20.0
2-Propanol, 1-(2-...	10.00	3.4	ng/ul	230048	2	10.50	1349240	20.0
Phenol, 2-methoxy...	10.42	2.5	ng/ul	169580	2	10.50	1349240	20.0
Nonanoic acid	11.32	3.2	ng/ul	213431	2	10.50	1349240	20.0
Propanoic acid, 2...	12.70	3.2	ng/ul	273952	3	14.37	1734280	20.0
Butanoic acid, bu...	12.96	4.5	ng/ul	385939	3	14.37	1734280	20.0
Vanillin	13.30	3.6	ng/ul	311838	3	14.37	1734280	20.0
7,9-Di-tert-butyl...	17.79	13.2	ng/ul	1354310	4	17.12	2056000	20.0
n-Hexadecanoic acid	18.01	2.7	ng/ul	275320	4	17.12	2056000	20.0
(DEL) Alkane: Str...	21.02	2.1	ng/ul	260325	5	21.31	2461160	20.0
(DEL) Alkane: Str...	22.35	2.4	ng/ul	292710	5	21.31	2461160	20.0
(DEL) Alkane: Str...	22.86	2.5	ng/ul	313528	6	23.57	2519720	20.0