LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022908.D
Acq On : 03 Oct 2019 00:27
Operator : JU
Sample : K4895-20
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDH7

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-BM092719MA.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	3.163	27	30	39	rVB	53048	76179	1.60%	0.119%
2	3.275	45	49	50	rBV	88462	103110	2.16%	0.162%
3	3.304	50	54	69	rVV	2793005	3541383	74.15%	5.550%
4	3.404	69	71	83	rVB2	23635	43102	0.90%	0.068%
5	3.610	103	106	111	rVB	22432	30726	0.64%	0.048%
6	3.669	112	116	122	rBV	74072	97908	2.05%	0.153%
7	3.728	122	126	132	rBV	314152	377827	7.91%	0.592%
8	3.916	151	158	165	rVB4	38794	78629	1.65%	0.123%
9	3.987	166	170	178	rVB2	95461	147662	3.09%	0.231%
10	4.151	194	198	206	rVB	48235	68026	1.42%	0.107%
11	4.269	213	218	225	rBV	662226	859930	18.01%	1.348%
12	4.334	225	229	239	rVB2	82575	120344	2.52%	0.189%
13	4.446	243	248	256	rBV	905605	1182618	24.76%	1.853%
14	4.510	256	259	265	rVB	49271	70792	1.48%	0.111%
15	4.898	317	325	335	rBV	1120640	1499393	31.39%	2.350%
16	4.987	336	340	348	rVB2	19715	34181	0.72%	0.054%
17	5.316	391	396	400	rVB2	9600	17950	0.38%	0.028%
18	5.393	405	409	415	rBV	40124	58903	1.23%	0.092%
19	5.451	415	419	428	rVB	29590	60423	1.27%	0.095%
20	5.604	441	445	451	rVB2	9765	15517	0.32%	0.024%
21	5.663	451	455	461	rBV	13031	20435	0.43%	0.032%
22	5.757	466	471	477	rVV	158212	221396	4.64%	0.347%
23	5.822	477	482	488	rVB	35984	55329	1.16%	0.087%
24	6.798	640	648	655	rBV2	15383	40120	0.84%	0.063%
25	6.892	659	664	670	rVV	24417	37876	0.79%	0.059%
26	6.969	670	677	685	rVV2	261764	496333	10.39%	0.778%
27	7.028	685	687	691	rVB	24148	27759	0.58%	0.044%
28	7.128	698	704	712	rBV	674833	1083501	22.69%	1.698%
29	7.192	712	715	722	rVB	34631	52213	1.09%	0.082%
30	7.334	732	739	748	rVV	841431	1301359	27.25%	2.039%
31	7.451	750	759	766	rVB	76071	125120	2.62%	0.196%
32	7.798	811	818	826	rBV	861168	1338603	28.03%	2.098%
33	7.869	826	830	833	rVV	21039	32402	0.68%	0.051%
34	7.916	833	838	846	rVB	48179	80313	1.68%	0.126%

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Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDH7

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-BM092719MA.M
Title : SVOA CALIBRATION

35	8.151	873	878	880	rBV	26198	41331	0.87%	0.065%
36	8.298	897	903	906	rBV3	9218	14757	0.31%	0.023%
37	8.345	906	911	919	rVV3	7807	19743	0.41%	0.031%
38	8.439	922	927	932	rVV2	19590	32131	0.67%	0.050%
39	8.504	932	938	947	rVV	705529	1135737	23.78%	1.780%
40	8.616	951	957	965	rVB2	22501	51657	1.08%	0.081%
41	8.757	974	981	985	rBV	11625	21416	0.45%	0.034%
42	8.804	985	989	995	rVB2	11075	17806	0.37%	0.028%
43	8.904	1000	1006	1008	rBV2	22494	33815	0.71%	0.053%
44	8.951	1008	1014	1026	rVB	896567	1473387	30.85%	2.309%
45	9.075	1031	1035	1041	rVV2	18125	30775	0.64%	0.048%
46	9.134	1041	1045	1055	rVV8	5550	16857	0.35%	0.026%
47	9.233	1058	1062	1070	rVB2	10127	17310	0.36%	0.027%
48	9.392	1085	1089	1092	rBV	16322	26014	0.54%	0.041%
49	9.428	1092	1095	1100	rVV	23604	34107	0.71%	0.053%
50	9.486	1100	1105	1113	rVB	42267	65307	1.37%	0.102%
51	9.669	1130	1136	1145	rBV	733019	1229890	25.75%	1.927%
52	9.845	1161	1166	1173	rVB2	13307	20894	0.44%	0.033%
53	9.992	1186	1191	1199	rVV3	41965	74694	1.56%	0.117%
54	10.210	1220	1228	1239	rVV	1210219	1997977	41.83%	3.131%
55	10.586	1283	1292	1298	rVV	1245418	2079535	43.54%	3.259%
56	10.639	1298	1301	1308	rVV	90604	140970	2.95%	0.221%
57	10.722	1308	1315	1327	rVV	973113	1702990	35.66%	2.669%
58	10.810	1327	1330	1336	rVB4	10218	14943	0.31%	0.023%
59	11.245	1400	1404	1410	rVB3	7632	14017	0.29%	0.022%
60	11.380	1423	1427	1432	rBV4	9489	17090	0.36%	0.027%
61	11.504	1441	1448	1454	rBV2	7769	14262	0.30%	0.022%
62	12.174	1559	1562	1568	rVB	17150	26652	0.56%	0.042%
63	12.251	1568	1575	1582	rVB	64875	100693	2.11%	0.158%
64	12.469	1603	1612	1618	rBV	78432	131713	2.76%	0.206%
65	13.269	1745	1748	1753	rVB2	11262	17922	0.38%	0.028%
66	13.610	1798	1806	1811	rBV3	12476	29613	0.62%	0.046%
67	13.757	1820	1831	1836	rBV2	24482	48149	1.01%	0.075%
68	13.845	1836	1846	1850	rVV	2193959	3090204	64.70%	4.843%
69	13.886	1850	1853	1863	rVV	1084543	1491118	31.22%	2.337%
70	13.992	1865	1871	1874	rVV3	15563	26577	0.56%	0.042%
71	14.127	1887	1894	1903	rVB	2514322	3648488	76.39%	5.718%

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Instrument : BNA_M
ClientSampleId : BFDH7

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Title : SVOA CALIBRATION

72	14.339	1925	1930	1935	rVB5	11984	19569	0.41%	0.031%
73	14.433	1938	1946	1955	rVV	1951026	2876601	60.23%	4.508%
74	14.498	1955	1957	1964	rVB3	19689	27771	0.58%	0.044%
75	14.627	1973	1979	1989	rBV	205150	344296	7.21%	0.540%
76	14.851	2009	2017	2021	rVB6	27130	48778	1.02%	0.076%
77	14.910	2021	2027	2030	rBV5	10617	14851	0.31%	0.023%
78	15.039	2044	2049	2056	rBV5	5651	14095	0.30%	0.022%
79	15.204	2070	2077	2083	rBV	71234	132233	2.77%	0.207%
80	15.427	2108	2115	2121	rBV	3086447	4441212	92.99%	6.960%
81	15.474	2121	2123	2128	rVB2	19339	24283	0.51%	0.038%
82	15.539	2128	2134	2141	rBV	723482	990352	20.74%	1.552%
83	15.604	2141	2145	2149	rVV3	12442	22636	0.47%	0.035%
84	15.663	2149	2155	2164	rVB2	38211	65630	1.37%	0.103%
85	16.210	2243	2248	2254	rVV4	11668	22013	0.46%	0.034%
86	16.957	2370	2375	2378	rVV4	8868	16783	0.35%	0.026%
87	17.174	2405	2412	2418	rBV2	2020794	2895000	60.62%	4.537%
88	17.274	2422	2429	2439	rBV	3273674	4722247	98.88%	7.401%
89	17.409	2448	2452	2459	rBV6	10556	19640	0.41%	0.031%
90	17.539	2469	2474	2479	rBV2	14928	26387	0.55%	0.041%
91	17.845	2521	2526	2531	rBV5	17165	24985	0.52%	0.039%
92	18.068	2559	2564	2571	rBV	152034	202051	4.23%	0.317%
93	19.198	2752	2756	2759	rBV	40441	55920	1.17%	0.088%
94	19.351	2778	2782	2791	rBV3	48107	76521	1.60%	0.120%
95	19.450	2795	2799	2803	rVV	31827	45329	0.95%	0.071%
96	19.562	2812	2818	2826	rBV	3605036	4775943	100.00%	7.485%
97	21.062	3070	3073	3080	rBV	226122	268403	5.62%	0.421%
98	21.350	3117	3122	3135	rBV	1770217	2426522	50.81%	3.803%
99	23.468	3475	3482	3496	rVB	2221393	4321304	90.48%	6.772%
100	23.609	3500	3506	3524	rVB	1311329	2539484	53.17%	3.980%

Sum of corrected areas: 63808742

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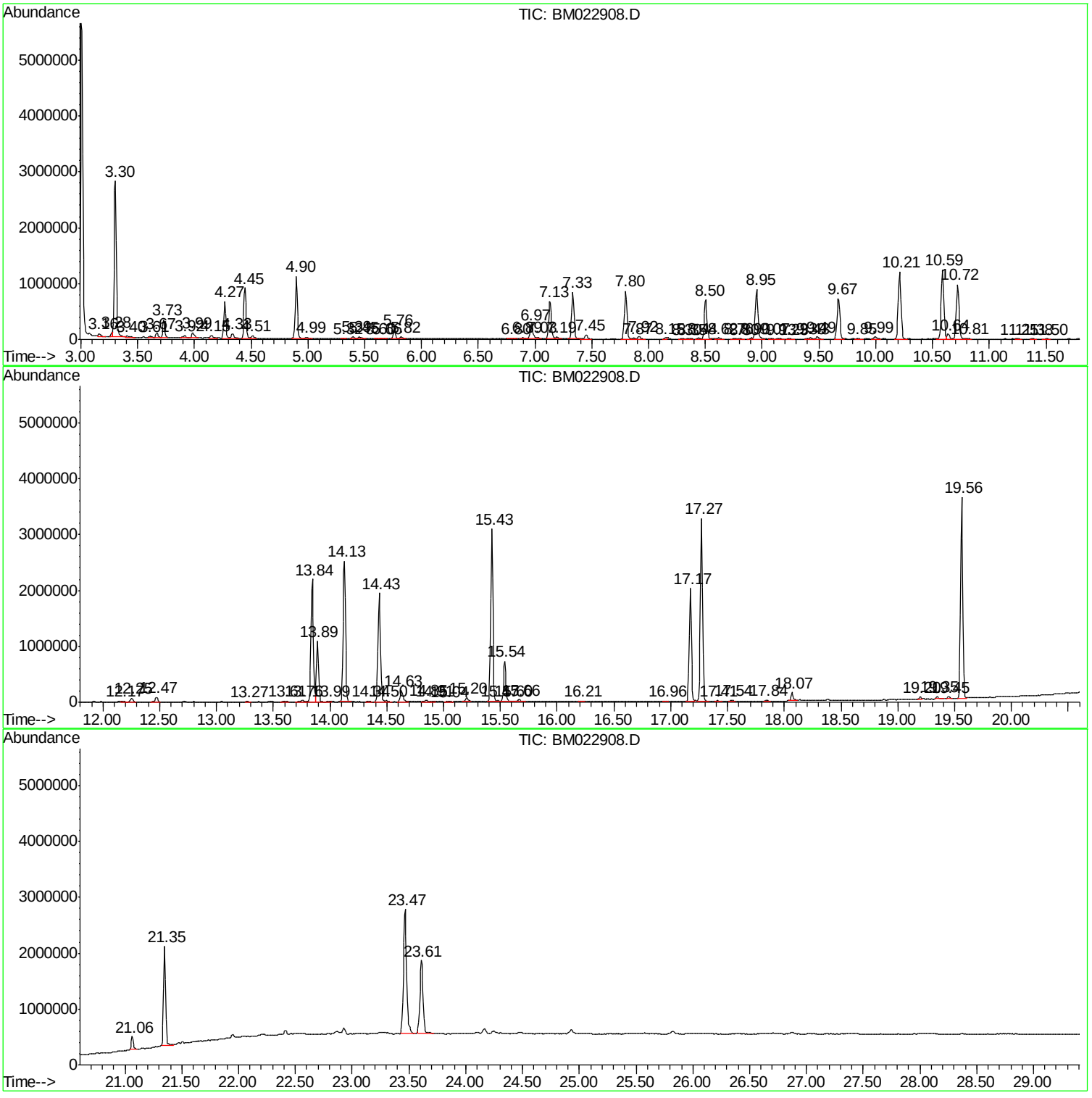
ClientSampleId : BFDH7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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



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Quant Title : SVOA CALIBRATION

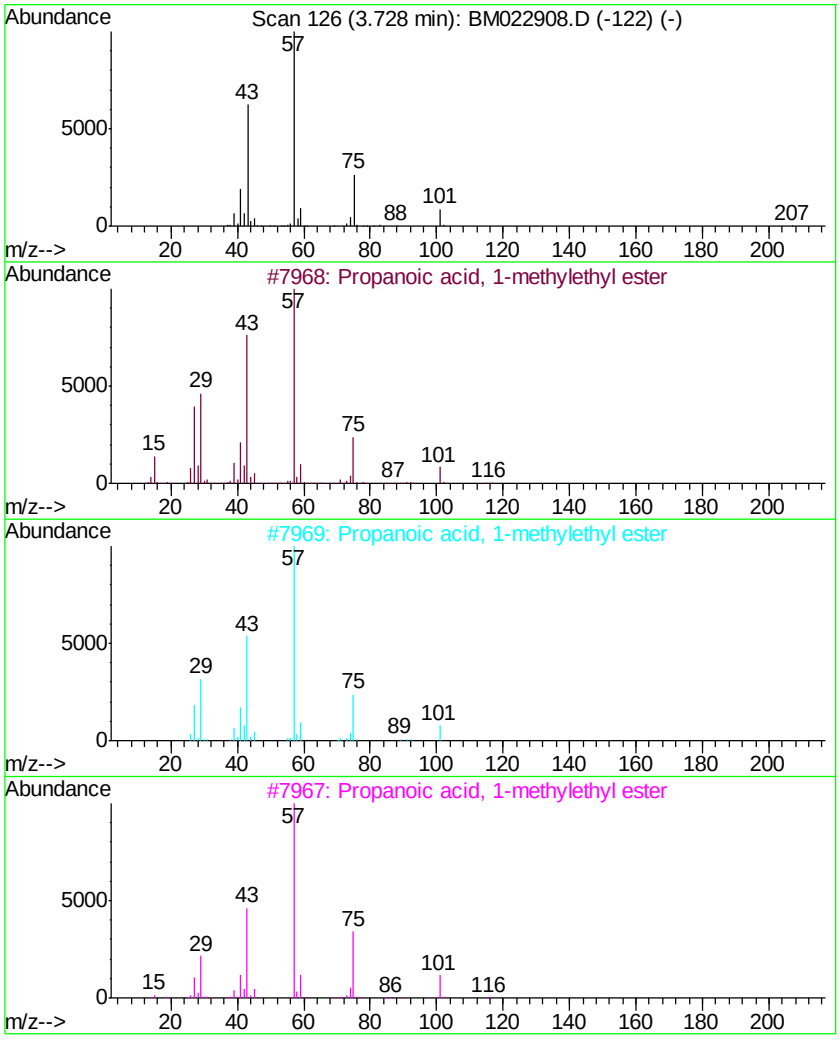
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

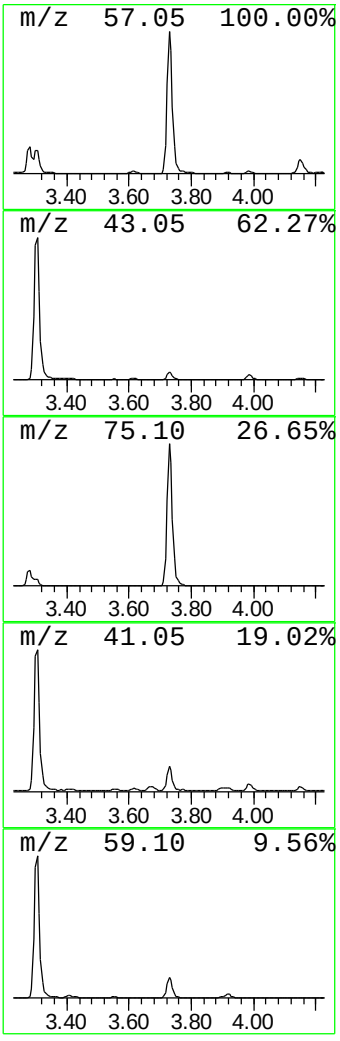
****

Peak Number 1 Propanoic acid, 1-methyleth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.73	5.65 ng/ul	377827	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	83
2	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	78
3	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	72
4	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	42
5	Propane, 1-(1-methylethoxy)-	102	C6H14O	000627-08-7	17





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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

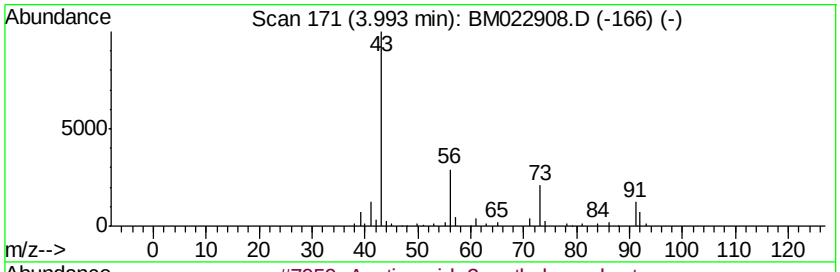
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

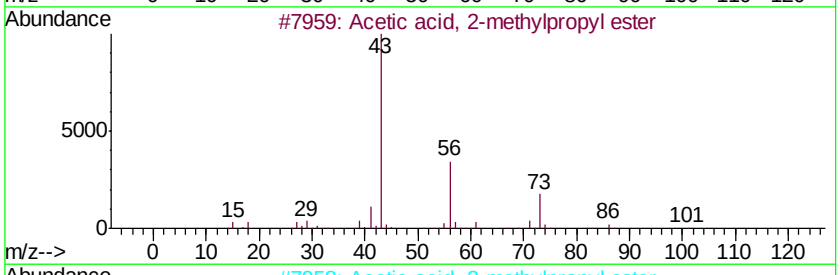
****

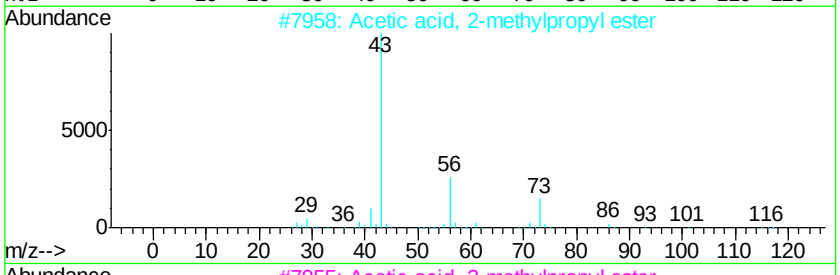
Peak Number 2 Acetic acid, 2-methylpropyl... Concentration Rank 7

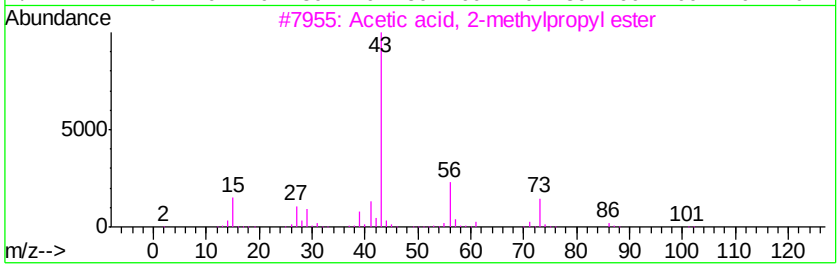
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.99	2.21 ng/ul	147662	1,4-Dichlorobenzene-d4	7.80

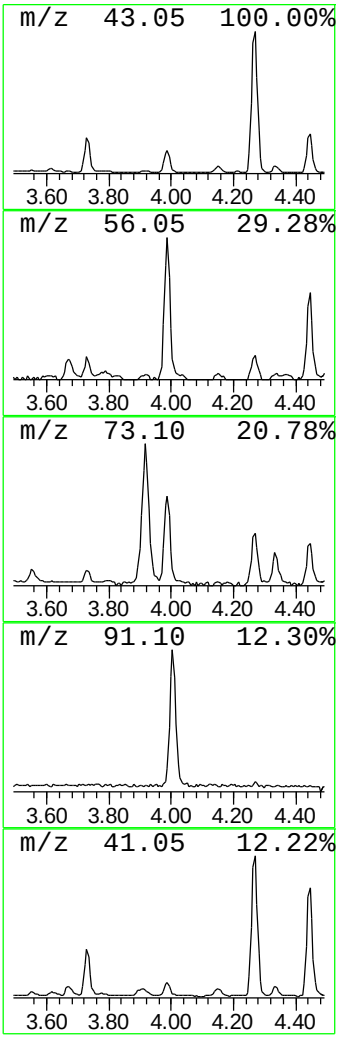
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 2-methylpropyl ester	116	C6H12O2	000110-19-0	78
2	Acetic acid, 2-methylpropyl ester	116	C6H12O2	000110-19-0	78
3	Acetic acid, 2-methylpropyl ester	116	C6H12O2	000110-19-0	64
4	Isobutylamine	73	C4H11N	000078-81-9	9
5	Isobutylamine	73	C4H11N	000078-81-9	9











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Instrument : BNA_M
ClientSampleId : BFDH7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

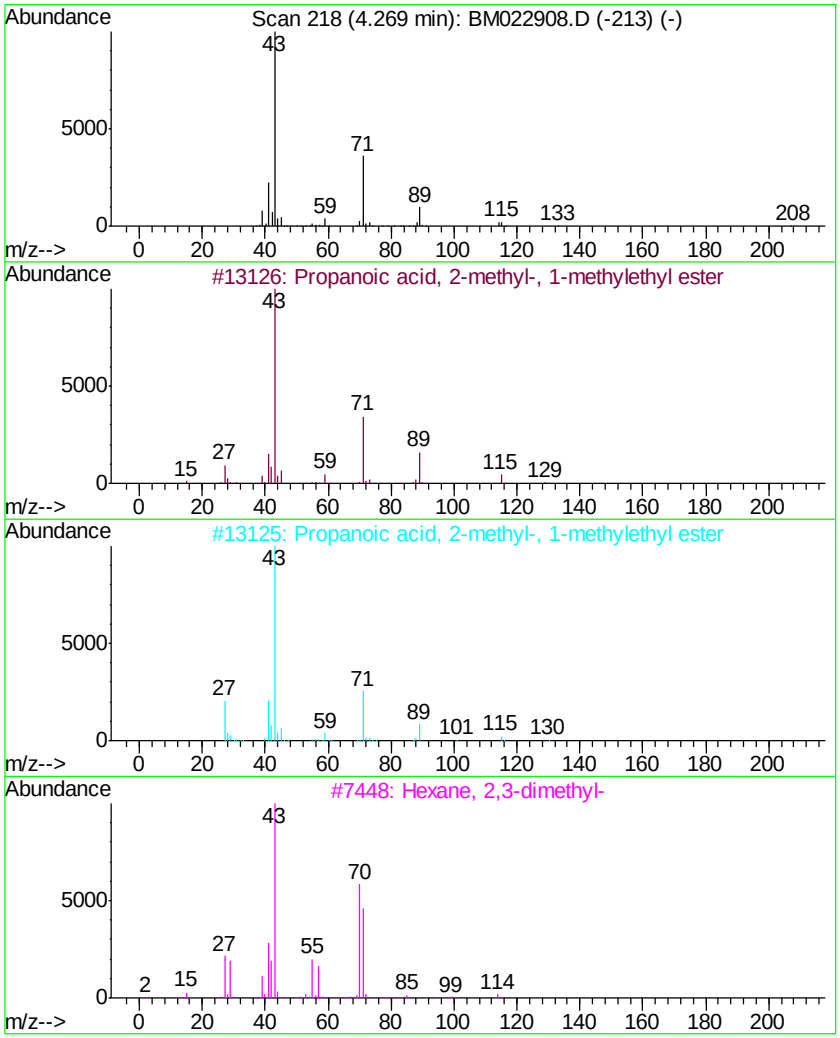
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

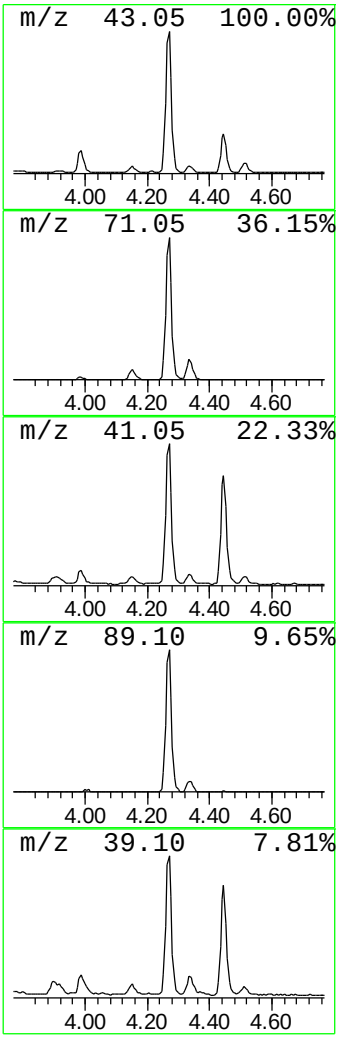
****

Peak Number 3 Propanoic acid, 2-methyl-, ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.27	12.85 ng/ul	859930	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	83
2	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	64
3	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	50
4	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	50
5	Propanoic acid, 2-methyl-, penty...	158	C9H18O2	002445-72-9	39





Library Search Compound Report

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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

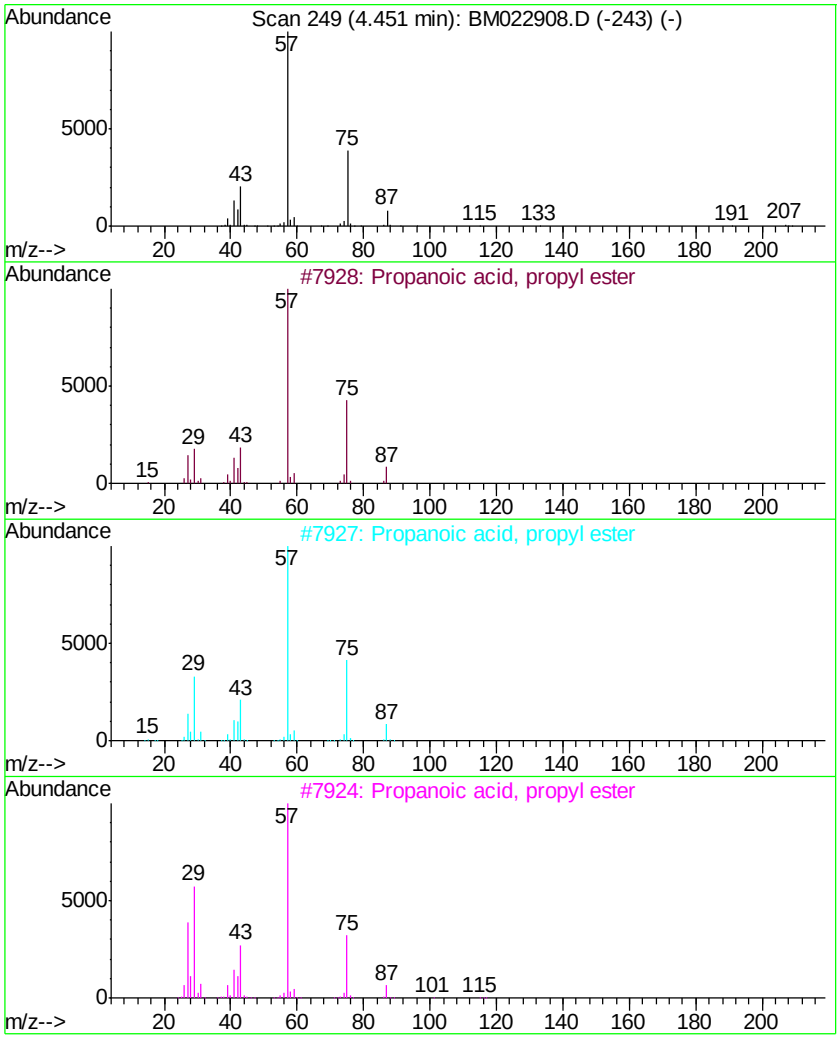
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

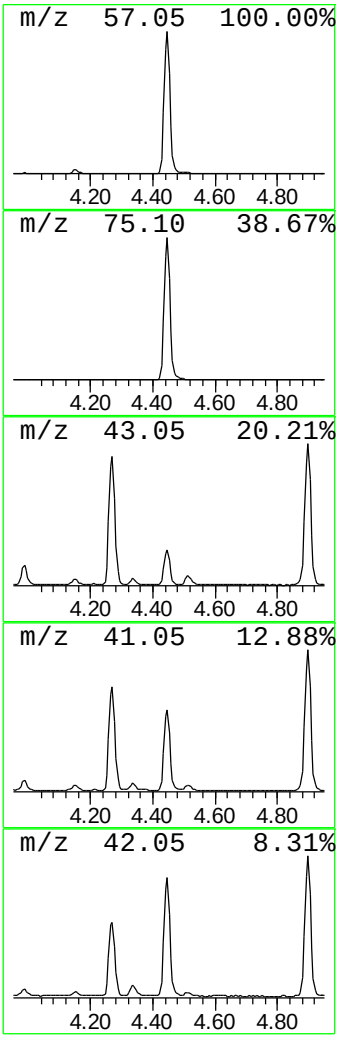
****

Peak Number 4 Propanoic acid, propyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.45	17.67 ng/ul	1182620	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
2	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
3	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
4	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	74
5	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	39





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ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDH7

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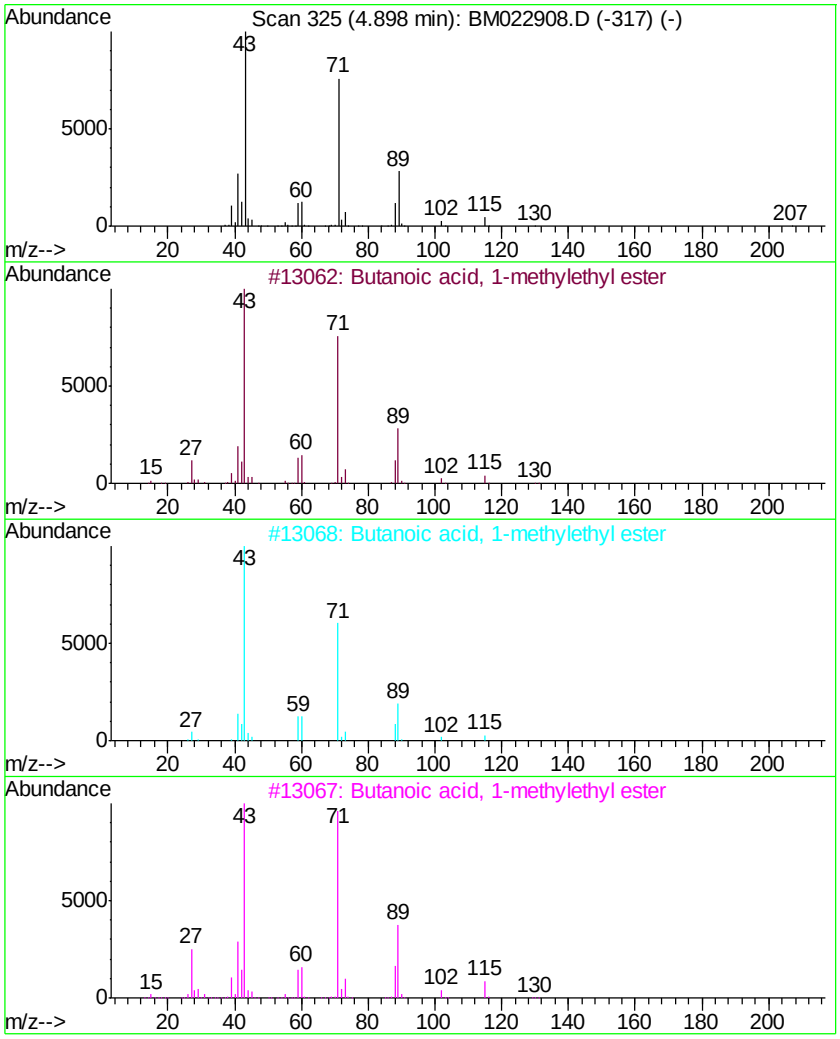
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

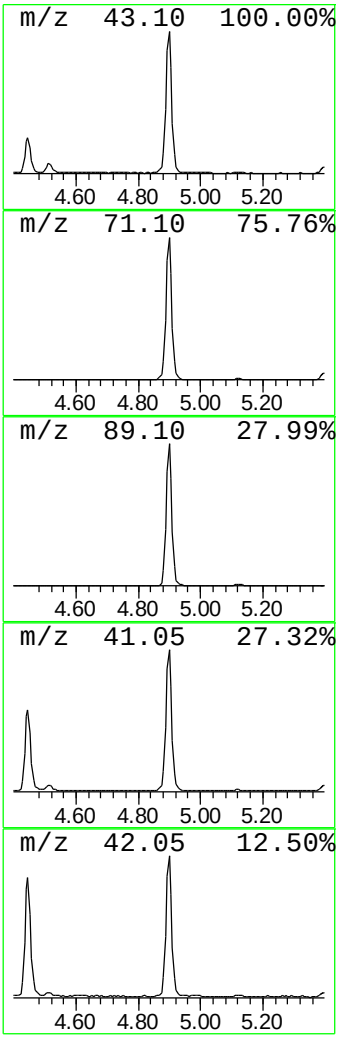
****

Peak Number 5 Butanoic acid, 1-methylethy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	22.40 ng/ul	1499390	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	94
2	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	90
3	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	90
4	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	78
5	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	53





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Acq On : 03 Oct 2019 00:27
Operator : JU
Sample : K4895-20
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDH7

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Quant Title : SVOA CALIBRATION

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

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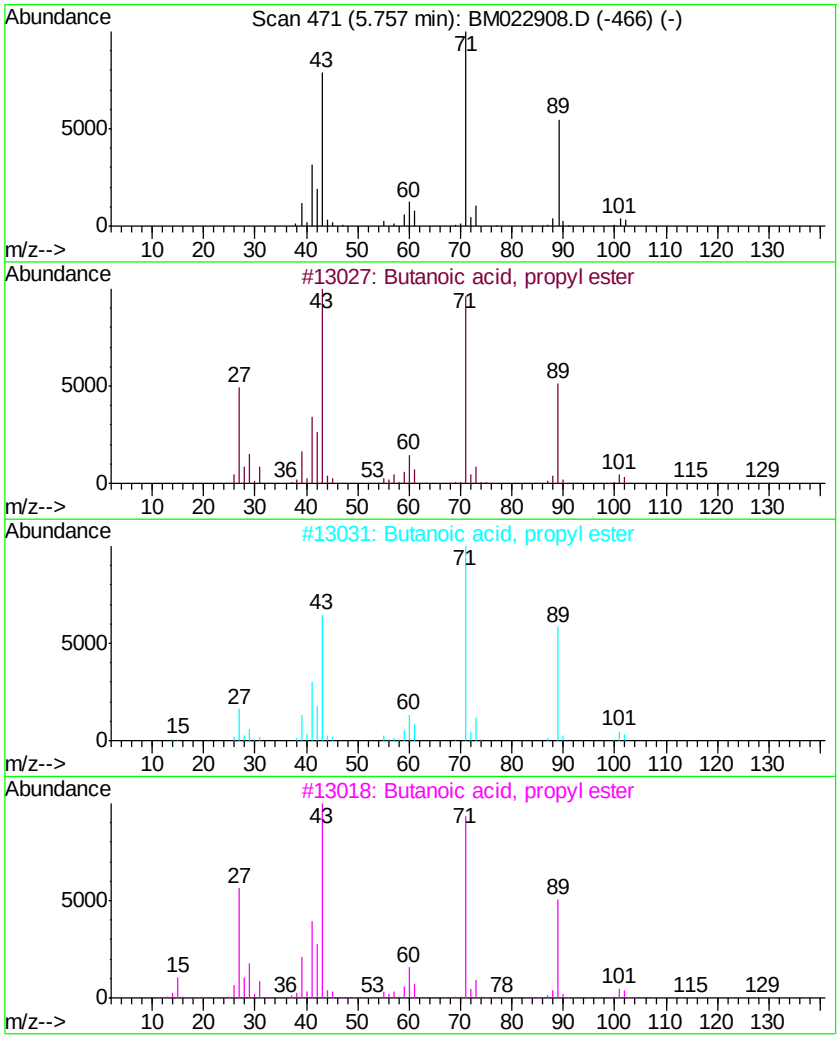
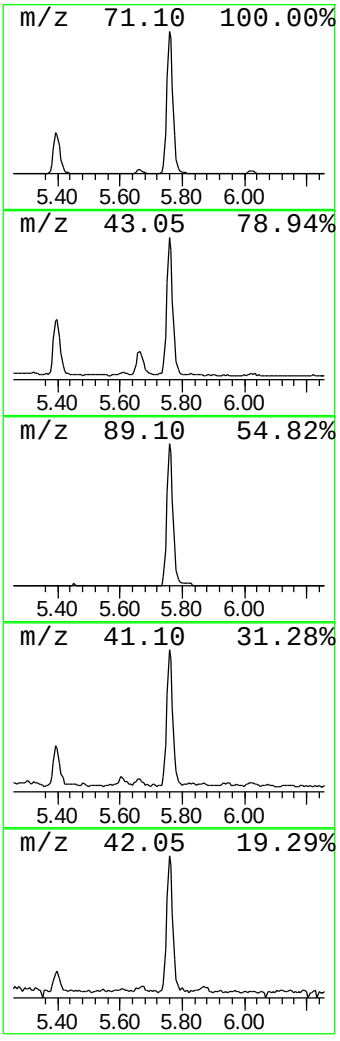
Peak Number 6 Butanoic acid, propyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.76	3.31 ng/ul	221396	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	90
2	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	86
3	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	83
4	Butanoic acid, hexyl ester	172	C10H20O2	002639-63-6	78
5	Butanoic acid, hexyl ester	172	C10H20O2	002639-63-6	78





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Data File : BM022908.D
Acq On : 03 Oct 2019 00:27
Operator : JU
Sample : K4895-20
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDH7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

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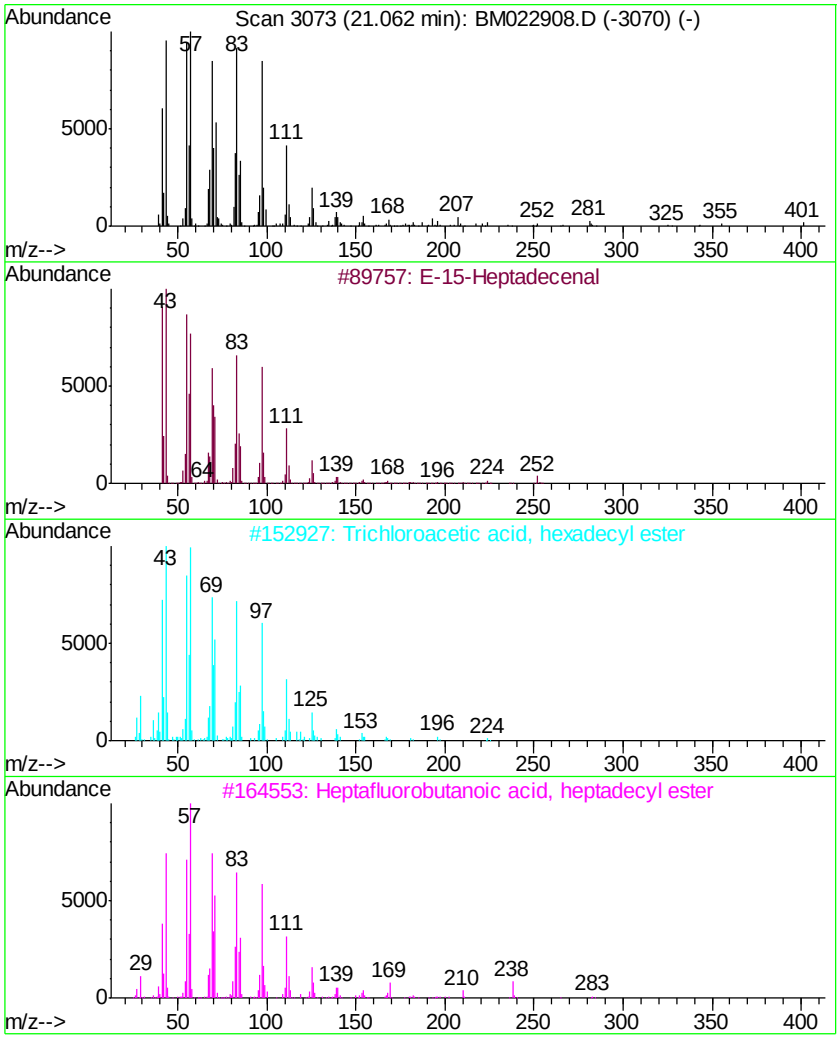
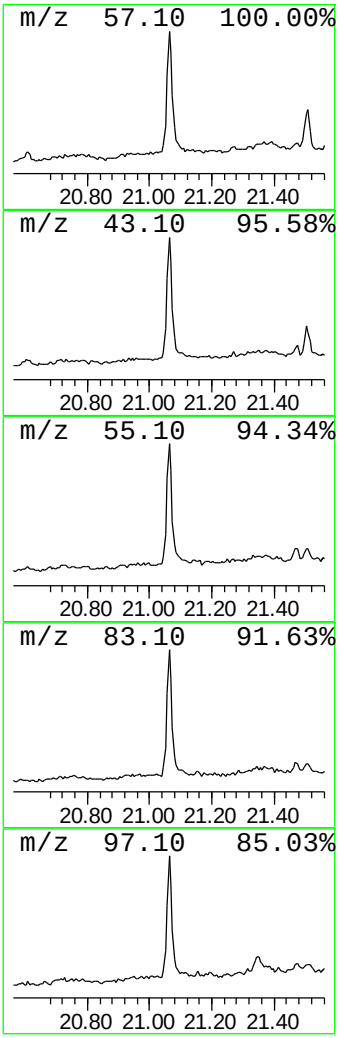
Peak Number 7 E-15-Heptadecenal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	2.21 ng/ul	268403	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-15-Heptadecenal	252	C17H32O	1000130-97-9	98
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
3	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	94
4	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022908.D
Acq On : 03 Oct 2019 00:27
Operator : JU
Sample : K4895-20
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDH7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.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
Propanoic acid, 1...	3.73	5.7	ng/ul	377827	1	7.80	1338600	20.0
Acetic acid, 2-me...	3.99	2.2	ng/ul	147662	1	7.80	1338600	20.0
Propanoic acid, 2...	4.27	12.9	ng/ul	859930	1	7.80	1338600	20.0
Propanoic acid, p...	4.45	17.7	ng/ul	1182620	1	7.80	1338600	20.0
Butanoic acid, 1-...	4.90	22.4	ng/ul	1499390	1	7.80	1338600	20.0
Butanoic acid, pr...	5.76	3.3	ng/ul	221396	1	7.80	1338600	20.0
E-15-Heptadecenal	21.06	2.2	ng/ul	268403	5	21.35	2426520	20.0