LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022889.D
Acq On : 02 Oct 2019 12:51
Operator : JU
Sample : K4932-19
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF0

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	42	rVB	41592	68548	1.88%	0.135%
2	3.305	50	54	68	rVB	2323139	2794825	76.62%	5.502%
3	3.552	94	96	100	rVB3	7759	8842	0.24%	0.017%
4	3.616	104	107	113	rBV	14996	19504	0.53%	0.038%
5	3.669	113	116	122	rBV	74697	103341	2.83%	0.203%
6	3.734	122	127	132	rVV	221396	276431	7.58%	0.544%
7	3.916	152	158	165	rVB4	30504	63292	1.74%	0.125%
8	3.987	166	170	179	rVB2	79426	119742	3.28%	0.236%
9	4.152	194	198	205	rVB	37211	52311	1.43%	0.103%
10	4.269	213	218	226	rBV	486403	617860	16.94%	1.216%
11	4.340	226	230	241	rVB2	63251	98014	2.69%	0.193%
12	4.446	243	248	256	rBV	718042	919833	25.22%	1.811%
13	4.516	256	260	266	rVB	39466	55709	1.53%	0.110%
14	4.899	318	325	334	rBV	847290	1119023	30.68%	2.203%
15	4.987	337	340	348	rVB2	14903	23411	0.64%	0.046%
16	5.322	391	397	403	rVB3	6439	16364	0.45%	0.032%
17	5.399	405	410	416	rVV	31101	44312	1.21%	0.087%
18	5.451	416	419	429	rVB2	13797	28274	0.78%	0.056%
19	5.604	442	445	452	rVV2	7131	10423	0.29%	0.021%
20	5.663	452	455	462	rVB	11466	17622	0.48%	0.035%
21	5.763	467	472	477	rBV	127377	176122	4.83%	0.347%
22	5.822	478	482	488	rVB2	10449	14819	0.41%	0.029%
23	6.193	541	545	550	rVB2	6701	9406	0.26%	0.019%
24	6.804	643	649	656	rBV3	9496	18996	0.52%	0.037%
25	6.893	661	664	670	rBV3	6302	9698	0.27%	0.019%
26	6.969	670	677	686	rBV2	213513	440900	12.09%	0.868%
27	7.134	698	705	712	rBV	571582	917151	25.14%	1.806%
28	7.334	732	739	748	rVB	680250	1076660	29.52%	2.120%
29	7.451	755	759	766	rVB	22065	32791	0.90%	0.065%
30	7.675	792	797	802	rBV2	7439	12331	0.34%	0.024%
31	7.798	811	818	826	rBV	851672	1334273	36.58%	2.627%
32	7.869	826	830	835	rVV	23815	38174	1.05%	0.075%
33	7.916	835	838	844	rVB2	8104	12719	0.35%	0.025%
34	8.151	873	878	886	rBV2	19211	36616	1.00%	0.072%

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Sample : K4932-19
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF0

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	8.369	907	915	921	rBV6	4399	12610	0.35%	0.025%
36	8.504	931	938	949	rVV	572450	908318	24.90%	1.788%
37	8.622	949	958	965	rVB2	18861	43718	1.20%	0.086%
38	8.951	1008	1014	1027	rVV	730949	1200161	32.90%	2.363%
39	9.075	1031	1035	1039	rVV3	7257	10418	0.29%	0.021%
40	9.145	1041	1047	1056	rVV5	6583	15126	0.41%	0.030%
41	9.251	1058	1065	1071	rVB3	7602	13491	0.37%	0.027%
42	9.398	1080	1090	1099	rBV4	18603	37861	1.04%	0.075%
43	9.486	1099	1105	1113	rVB6	5466	13878	0.38%	0.027%
44	9.675	1129	1137	1151	rVB	615301	1010524	27.70%	1.989%
45	9.792	1151	1157	1161	rBV2	10860	16810	0.46%	0.033%
46	9.881	1168	1172	1174	rVV2	6200	9679	0.27%	0.019%
47	9.916	1174	1178	1183	rVV2	7275	13931	0.38%	0.027%
48	9.992	1185	1191	1197	rVV6	6729	13259	0.36%	0.026%
49	10.210	1221	1228	1241	rVB	982994	1592490	43.66%	3.135%
50	10.592	1285	1293	1299	rBV	1237053	2052756	56.28%	4.041%
51	10.639	1299	1301	1308	rVB2	41928	65391	1.79%	0.129%
52	10.722	1308	1315	1328	rBV	777469	1344415	36.86%	2.647%
53	11.057	1368	1372	1380	rVB6	5406	12567	0.34%	0.025%
54	11.169	1384	1391	1395	rBV5	4620	11604	0.32%	0.023%
55	11.922	1513	1519	1525	rVB	17324	27248	0.75%	0.054%
56	12.180	1557	1563	1570	rVV2	13559	21528	0.59%	0.042%
57	12.257	1570	1576	1581	rVB	25541	41324	1.13%	0.081%
58	12.475	1608	1613	1620	rVB2	16578	26683	0.73%	0.053%
59	12.716	1648	1654	1659	rBV4	4908	11644	0.32%	0.023%
60	13.274	1745	1749	1755	rVV2	9450	13324	0.37%	0.026%
61	13.339	1755	1760	1769	rVB5	17239	35348	0.97%	0.070%
62	13.604	1799	1805	1813	rVB8	6163	13782	0.38%	0.027%
63	13.751	1827	1830	1835	rVB2	6012	9072	0.25%	0.018%
64	13.845	1835	1846	1850	rBV	1698699	2310294	63.34%	4.548%
65	13.892	1850	1854	1860	rVB	305322	417084	11.43%	0.821%
66	14.127	1887	1894	1905	rVB	1967939	2814454	77.16%	5.541%
67	14.345	1926	1931	1938	rVB3	5488	9099	0.25%	0.018%
68	14.433	1940	1946	1955	rVV2	1779015	2693141	73.83%	5.302%
69	14.627	1974	1979	1987	rBV	131683	213887	5.86%	0.421%
70	14.786	2001	2006	2011	rBV5	5347	9676	0.27%	0.019%
71	14.851	2011	2017	2022	rVV3	21123	31019	0.85%	0.061%

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Operator : JU
Sample : K4932-19
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF0

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

72	14.974	2034	2038	2045	rVB2	10849	19519	0.54%	0.038%
73	15.210	2071	2078	2090	rBV4	26053	70866	1.94%	0.140%
74	15.427	2106	2115	2121	rBV	2477274	3400501	93.23%	6.695%
75	15.539	2128	2134	2142	rBV	499214	676693	18.55%	1.332%
76	15.604	2142	2145	2148	rVV4	7246	10128	0.28%	0.020%
77	15.663	2148	2155	2159	rVV2	25276	42213	1.16%	0.083%
78	15.998	2206	2212	2217	rBV5	5168	10547	0.29%	0.021%
79	16.210	2245	2248	2253	rVB5	8843	12275	0.34%	0.024%
80	16.292	2258	2262	2264	rVV2	14382	18822	0.52%	0.037%
81	16.327	2264	2268	2272	rVV	32040	44531	1.22%	0.088%
82	16.368	2272	2275	2280	rVV	12703	19656	0.54%	0.039%
83	16.468	2288	2292	2298	rVV5	5548	12244	0.34%	0.024%
84	16.527	2300	2302	2306	rVV3	6470	10176	0.28%	0.020%
85	16.580	2306	2311	2314	rVB6	5849	10024	0.27%	0.020%
86	16.951	2369	2374	2377	rBV4	6546	11232	0.31%	0.022%
87	16.998	2379	2382	2389	rVB7	7142	10498	0.29%	0.021%
88	17.174	2405	2412	2418	rBV2	1851015	2595851	71.17%	5.111%
89	17.274	2422	2429	2440	rBV	2408698	3472299	95.20%	6.836%
90	17.409	2448	2452	2457	rBV2	8746	14087	0.39%	0.028%
91	18.068	2559	2564	2572	rBV	93637	134981	3.70%	0.266%
92	18.392	2615	2619	2625	rBV7	8549	15631	0.43%	0.031%
93	19.198	2753	2756	2760	rBV	25721	30272	0.83%	0.060%
94	19.351	2780	2782	2785	rVB4	14614	13465	0.37%	0.027%
95	19.456	2796	2800	2804	rVB	23639	29382	0.81%	0.058%
96	19.568	2813	2819	2830	rBV	2701237	3624002	99.35%	7.135%
97	21.068	3071	3074	3082	rBV	286730	329782	9.04%	0.649%
98	21.356	3118	3123	3128	rBV	1837877	2319050	63.58%	4.566%
99	23.474	3476	3483	3495	rBV	1871599	3647550	100.00%	7.181%
100	23.615	3501	3507	3518	rVB2	1284907	2500776	68.56%	4.923%

Sum of corrected areas: 50793004

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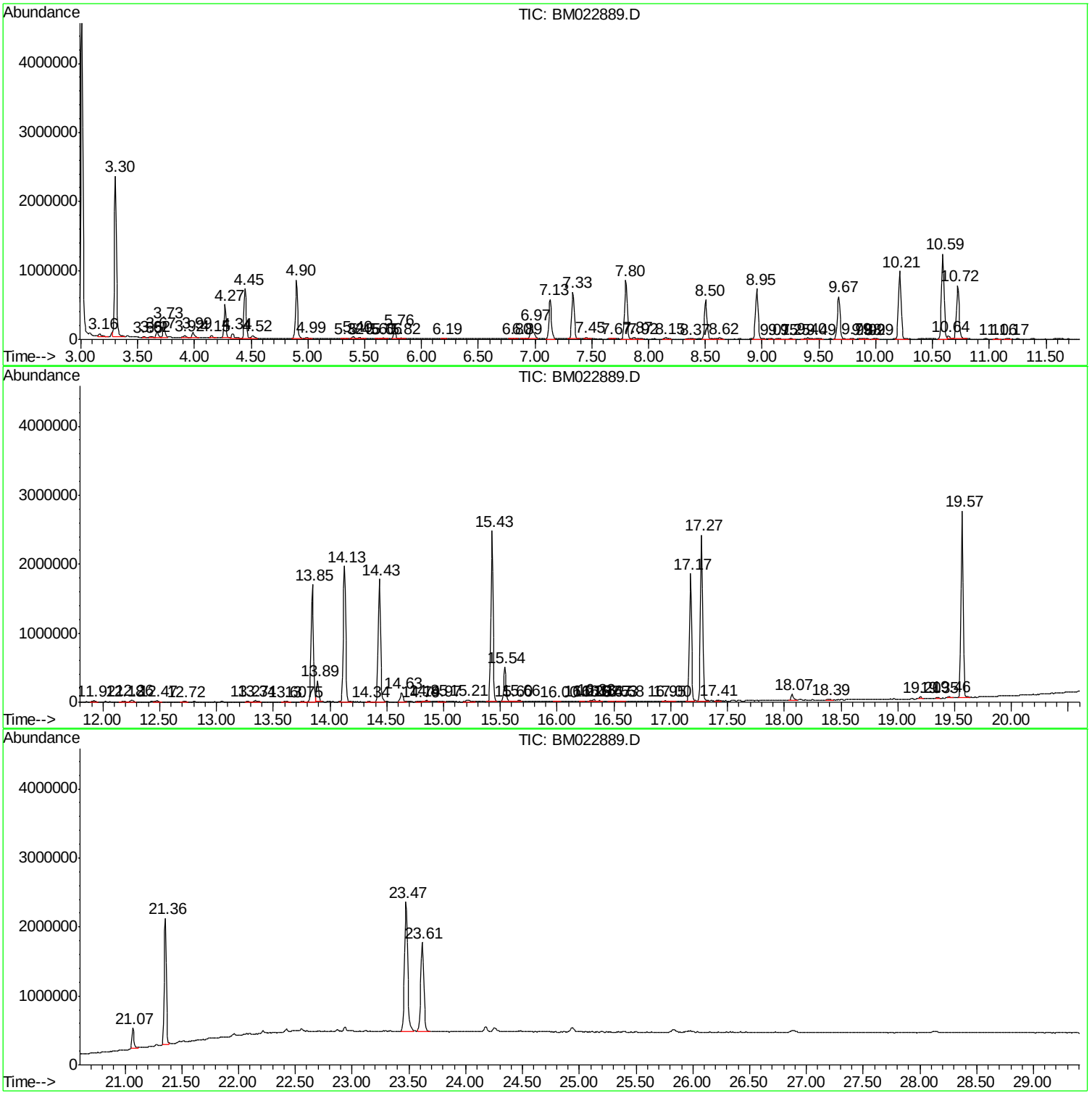
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFDF0

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

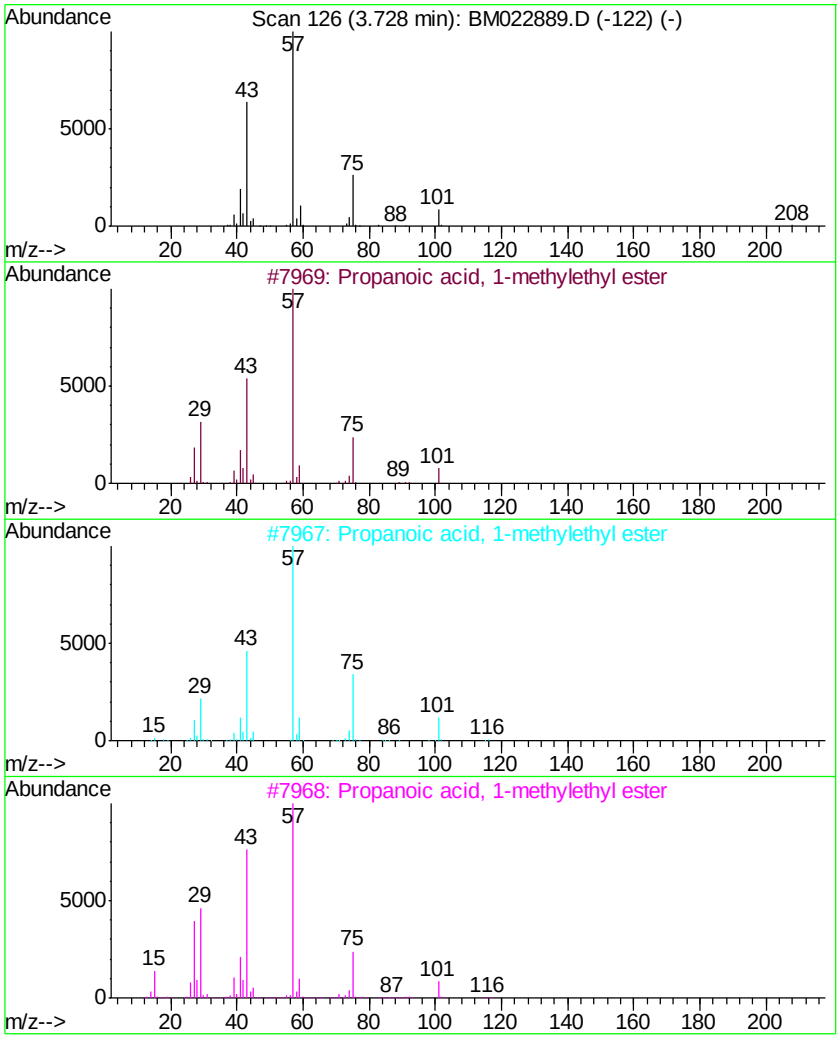
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

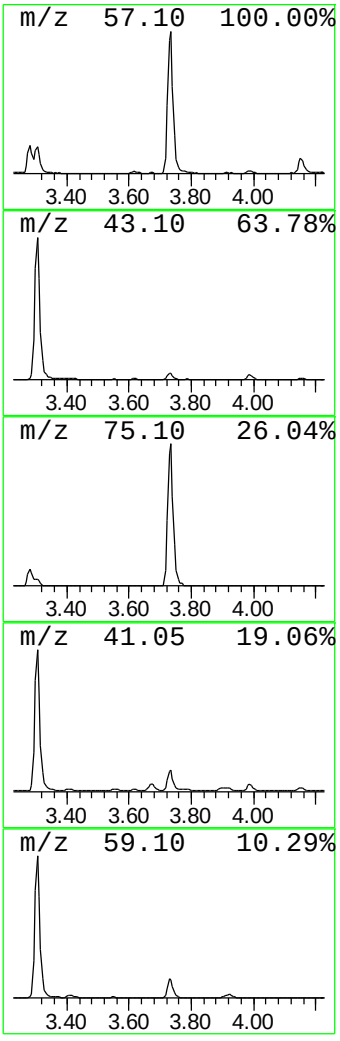
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.73	4.14 ng/ul	276431	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	72
3	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	59
4	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	45
5	Propane, 1-(1-methylethoxy)-	102	C6H14O	000627-08-7	23





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Instrument : BNA_M
ClientSampleId : BFDF0

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

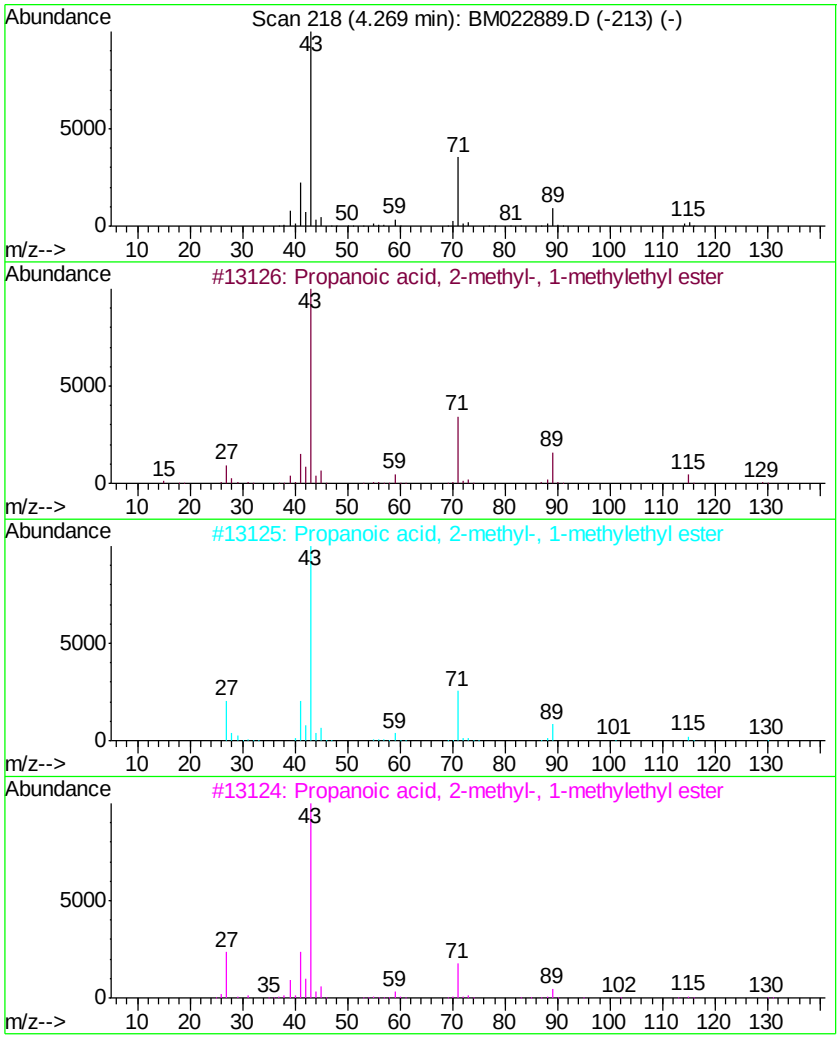
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

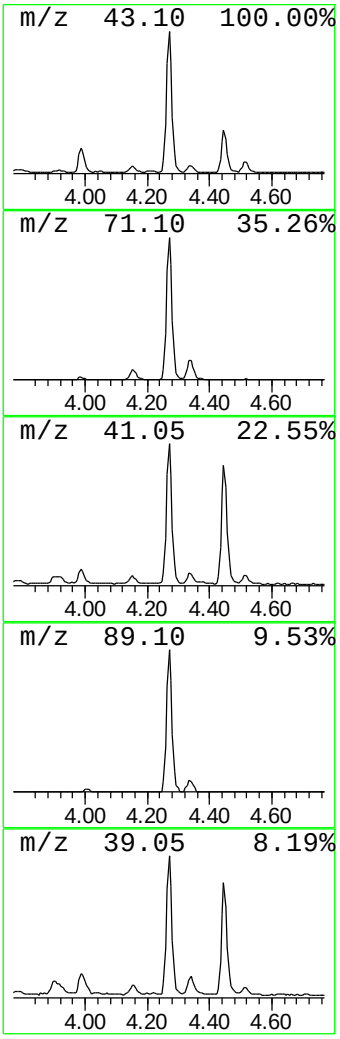
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.27	9.26 ng/ul	617860	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	64
2	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	64
3	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	50
4	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	39
5	Propanoic acid, 2-methyl-, penty...	158	C9H18O2	002445-72-9	39





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Quant Title : SVOA CALIBRATION

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

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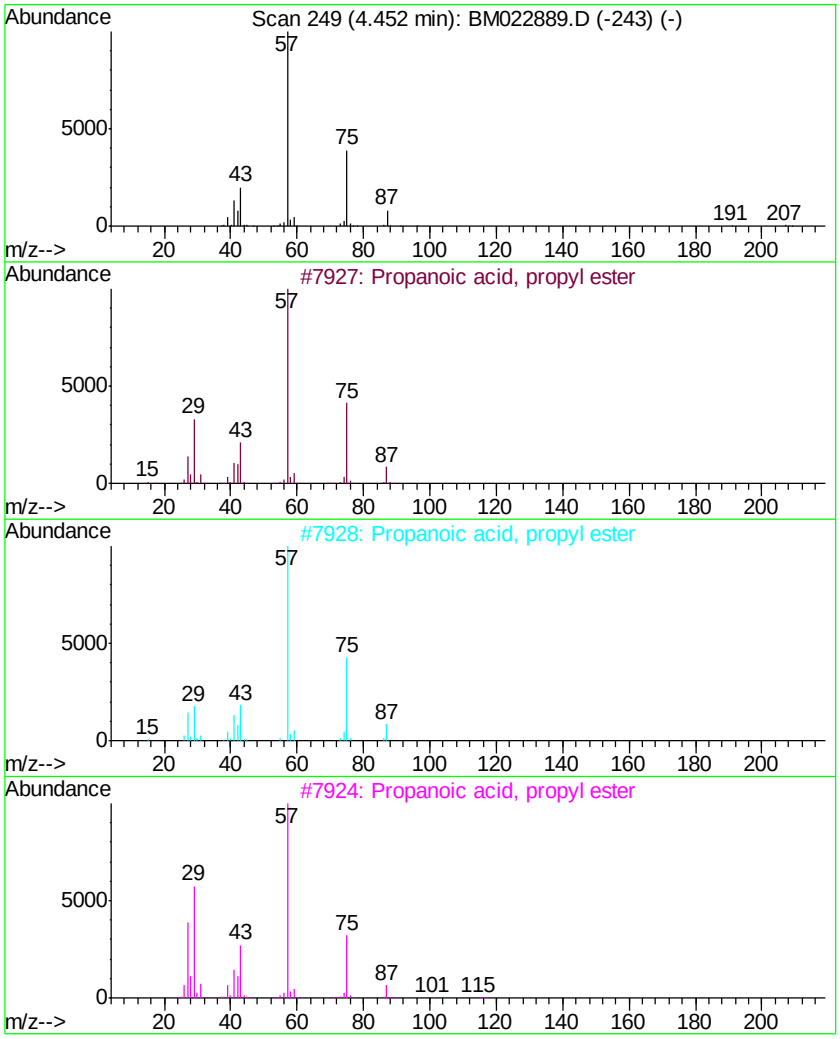
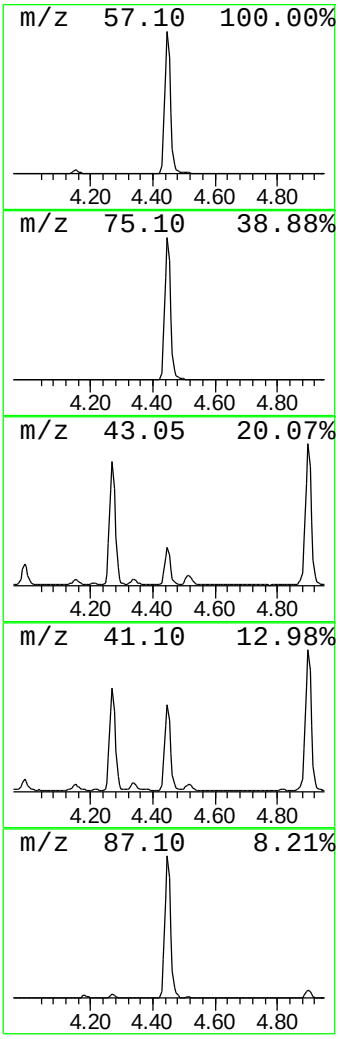
Peak Number 3 Propanoic acid, propyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.45	13.79 ng/ul	919833	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	78
2	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	78
3	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	78
4	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	64
5	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	38





Library Search Compound Report

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Acq On : 02 Oct 2019 12:51
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Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF0

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

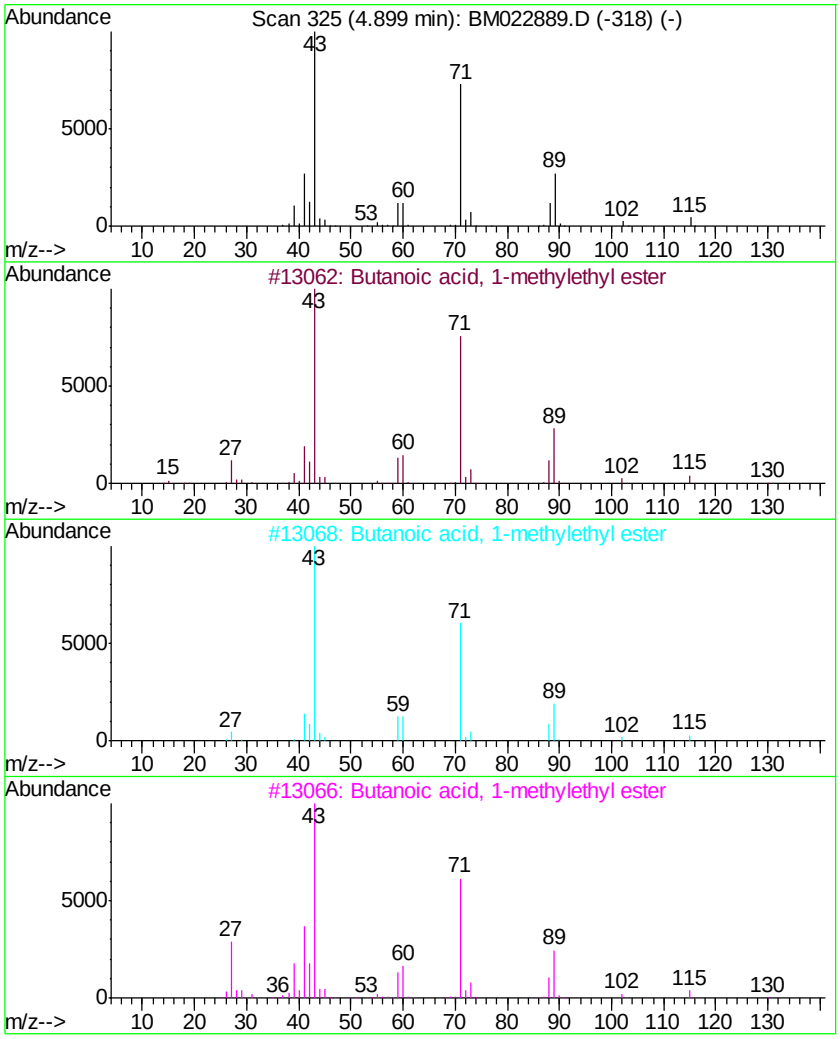
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

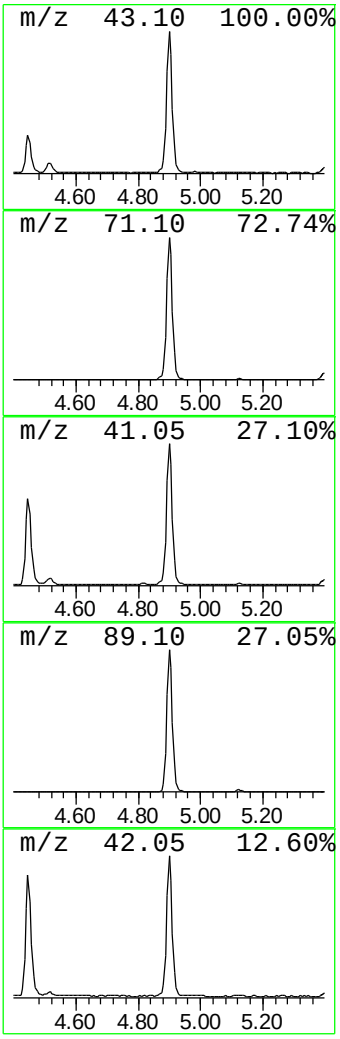
****

Peak Number 4 Butanoic acid, 1-methylethy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	16.77 ng/ul	1119020	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	90
2	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	86
3	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	78
4	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	78
5	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	72





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Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF0

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

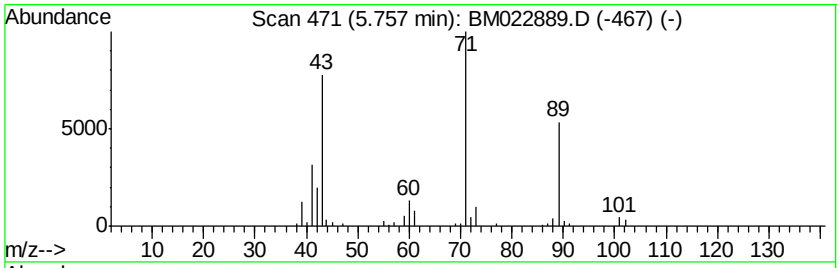
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

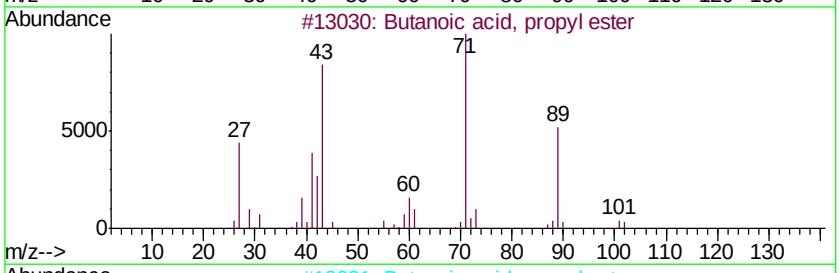
****

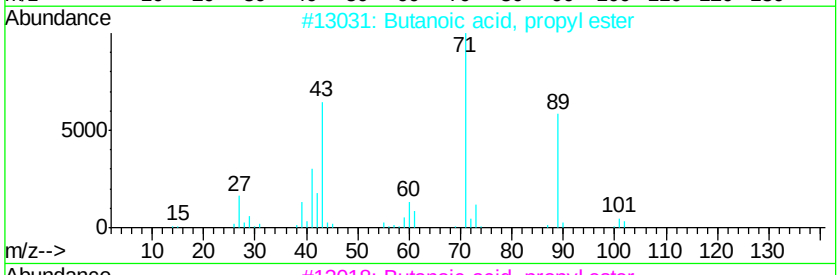
Peak Number 5 Butanoic acid, propyl ester Concentration Rank 6

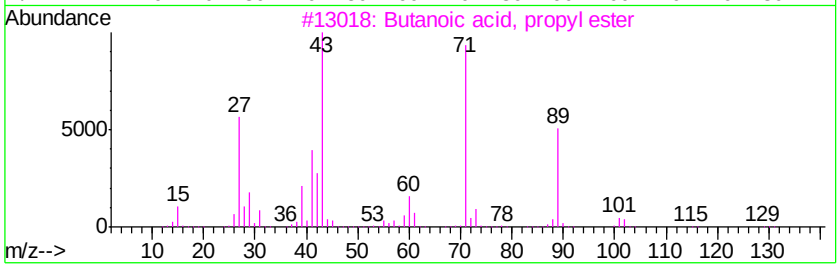
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.76	2.64 ng/ul	176122	1,4-Dichlorobenzene-d4	7.80

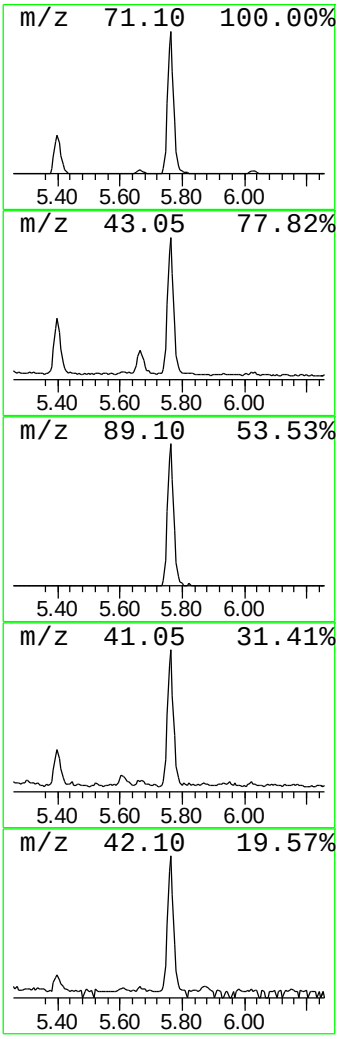
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	91
2	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	90
3	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	90
4	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	90
5	Butanoic acid, hexyl ester	172	C10H20O2	002639-63-6	78











Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022889.D
Acq On : 02 Oct 2019 12:51
Operator : JU
Sample : K4932-19
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF0

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

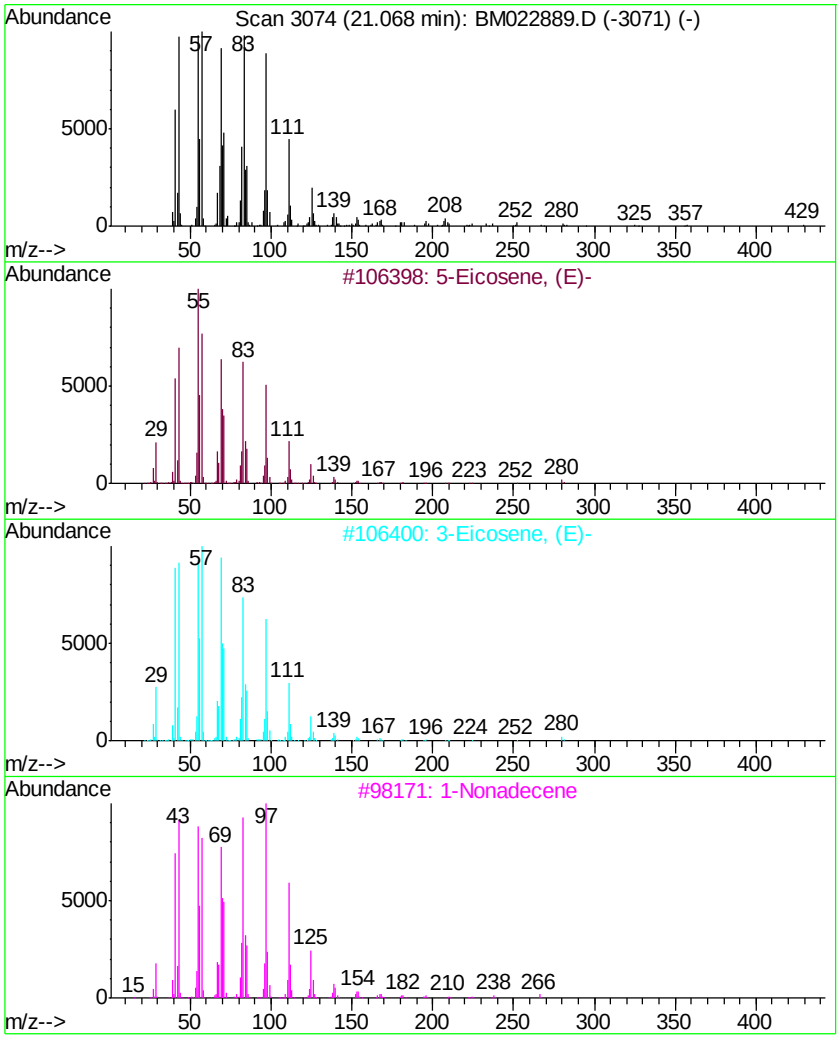
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

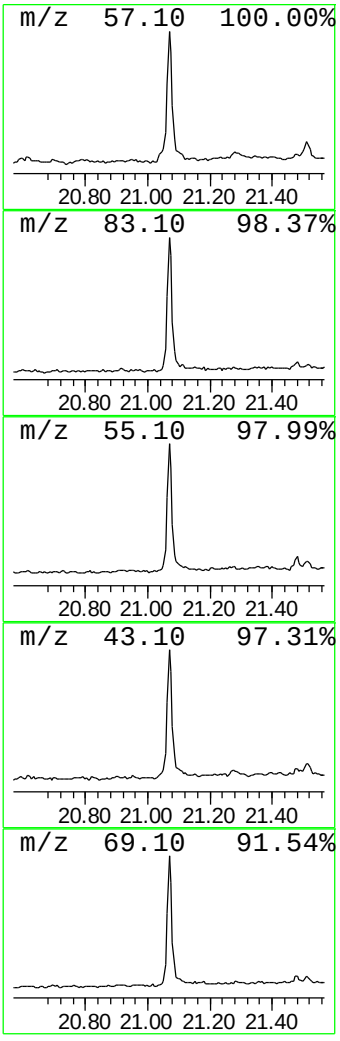
****

Peak Number 6 (DEL) Alkane: Cyclic21.07 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.07	2.84 ng/ul	329782	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3	1-Nonadecene	266	C19H38	018435-45-5	91
4	1-Nonadecanol	284	C19H40O	001454-84-8	91
5	Cyclopentadecane	210	C15H30	000295-48-7	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022889.D
Acq On : 02 Oct 2019 12:51
Operator : JU
Sample : K4932-19
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF0

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	4.1	ng/ul	276431	1	7.80	1334270	20.0
Propanoic acid, 2...	4.27	9.3	ng/ul	617860	1	7.80	1334270	20.0
Propanoic acid, p...	4.45	13.8	ng/ul	919833	1	7.80	1334270	20.0
Butanoic acid, 1-...	4.90	16.8	ng/ul	1119020	1	7.80	1334270	20.0
Butanoic acid, pr...	5.76	2.6	ng/ul	176122	1	7.80	1334270	20.0
(DEL) Alkane: Cyc...	21.07	2.8	ng/ul	329782	5	21.36	2319050	20.0