LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061419\
Data File : BM020957.D
Acq On : 14 Jun 2019 23:36
Operator : HP/JU
Sample : K3353-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0JT2

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

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

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.040	5	9	18	rVB	1003187	1242056	10.05%	1.126%
2	3.110	18	21	28	rVB	56363	75776	0.61%	0.069%
3	3.193	32	35	41	rVB	47074	62339	0.50%	0.057%
4	3.328	54	58	73	rVB	2748912	3339428	27.02%	3.027%
5	3.746	124	129	135	rBV	459612	576621	4.67%	0.523%
6	3.999	168	172	179	rVB2	48984	74558	0.60%	0.068%
7	4.163	196	200	208	rVB	49303	76160	0.62%	0.069%
8	4.275	214	219	225	rVV	273002	366310	2.96%	0.332%
9	4.340	226	230	241	rVB2	122543	180284	1.46%	0.163%
10	4.451	244	249	256	rVV	1672188	2227356	18.02%	2.019%
11	4.516	256	260	270	rVB	126909	196677	1.59%	0.178%
12	4.898	319	325	336	rVB	1215052	1658885	13.42%	1.504%
13	5.393	405	409	417	rVB2	28067	38693	0.31%	0.035%
14	5.751	466	470	478	rVB	77661	109304	0.88%	0.099%
15	6.792	642	647	654	rVB4	7607	12503	0.10%	0.011%
16	6.957	669	675	682	rBV	418985	672438	5.44%	0.610%
17	7.134	699	705	720	rBV	1070736	1644586	13.31%	1.491%
18	7.328	731	738	747	rVB	1235007	1916604	15.51%	1.737%
19	7.792	811	817	824	rBV	959608	1563488	12.65%	1.417%
20	7.851	824	827	835	rVB3	18645	29183	0.24%	0.026%
21	8.498	928	937	948	rBV	1109000	1876093	15.18%	1.701%
22	8.622	950	958	965	rVB	38336	71177	0.58%	0.065%
23	8.957	1008	1015	1025	rVV	1400456	2291186	18.54%	2.077%
24	9.057	1027	1032	1037	rVV6	9711	18837	0.15%	0.017%
25	9.139	1039	1046	1048	rVV5	7610	15694	0.13%	0.014%
26	9.192	1048	1055	1068	rVB3	24561	58967	0.48%	0.053%
27	9.675	1129	1137	1151	rBV	1200451	1991669	16.12%	1.806%
28	10.204	1219	1227	1237	rBV	1953947	3219379	26.05%	2.918%
29	10.386	1253	1258	1269	rVB5	14053	33471	0.27%	0.030%
30	10.586	1284	1292	1299	rBV	1448369	2451495	19.84%	2.222%
31	10.727	1306	1316	1326	rBV	1668690	2958481	23.94%	2.682%
32	11.127	1378	1384	1388	rBV2	8809	15951	0.13%	0.014%
33	11.180	1388	1393	1400	rVV5	9023	21242	0.17%	0.019%
34	11.251	1400	1405	1410	rVB6	10494	18494	0.15%	0.017%

LSC Area Percent Report

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Operator : HP/JU
Sample : K3353-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0JT2

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

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

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

35	11.369	1420	1425	1431	rBV5	10767	21676	0.18%	0.020%
36	12.174	1557	1562	1570	rVB2	29838	44655	0.36%	0.040%
37	12.274	1570	1579	1583	rBV3	15677	30759	0.25%	0.028%
38	12.780	1657	1665	1670	rVB5	16007	35000	0.28%	0.032%
39	13.033	1700	1708	1715	rVB	23656	36200	0.29%	0.033%
40	13.845	1839	1846	1861	rVB	4174050	5791382	46.86%	5.250%
41	14.127	1887	1894	1905	rVB	4571959	6554698	53.04%	5.942%
42	14.433	1939	1946	1955	rBV2	2562195	3901077	31.57%	3.536%
43	14.504	1955	1958	1964	rVB5	10233	16414	0.13%	0.015%
44	14.633	1975	1980	1999	rBV	447511	770287	6.23%	0.698%
45	14.845	2011	2016	2023	rBV8	10570	21900	0.18%	0.020%
46	15.104	2056	2060	2064	rVB6	9608	12813	0.10%	0.012%
47	15.227	2076	2081	2084	rBV2	58704	82234	0.67%	0.075%
48	15.257	2084	2086	2092	rVB	17194	17744	0.14%	0.016%
49	15.427	2108	2115	2130	rBV	6212761	8714350	70.51%	7.900%
50	15.551	2130	2136	2149	rVV	696106	963324	7.79%	0.873%
51	15.668	2151	2156	2163	rVB	72673	104635	0.85%	0.095%
52	15.892	2191	2194	2202	rVB6	18349	30376	0.25%	0.028%
53	15.992	2204	2211	2215	rBV7	26124	42052	0.34%	0.038%
54	16.204	2243	2247	2254	rVB8	8256	14043	0.11%	0.013%
55	16.868	2355	2360	2366	rBV6	8720	17541	0.14%	0.016%
56	16.968	2371	2377	2382	rVV	12755	19114	0.15%	0.017%
57	17.180	2406	2413	2423	rBV2	3649930	5046551	40.83%	4.575%
58	17.280	2423	2430	2441	rBV	6997138	9813963	79.41%	8.897%
59	17.468	2456	2462	2469	rVB	11181	21583	0.17%	0.020%
60	17.839	2522	2525	2531	rVB5	30318	36032	0.29%	0.033%
61	18.068	2554	2564	2569	rBV3	62411	125169	1.01%	0.113%
62	18.145	2574	2577	2587	rVB	64927	85931	0.70%	0.078%
63	18.598	2650	2654	2659	rBV	52469	67199	0.54%	0.061%
64	19.133	2743	2745	2749	rVB5	10356	12982	0.11%	0.012%
65	19.209	2753	2758	2765	rBV	78729	123885	1.00%	0.112%
66	19.345	2777	2781	2785	rBV4	35057	54551	0.44%	0.049%
67	19.456	2796	2800	2808	rBV	71715	105644	0.85%	0.096%
68	19.574	2813	2820	2830	rBV	8566218	12021572	97.27%	10.898%
69	20.103	2908	2910	2915	rVB6	21880	25908	0.21%	0.023%
70	20.474	2970	2973	2975	rBV3	27196	30779	0.25%	0.028%
71	21.356	3118	3123	3132	rBV	4765324	6090858	49.28%	5.522%

LSC Area Percent Report

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Sample : K3353-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0JT2

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

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

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

72	22.409	3300	3302	3306	rVB2	128310	147594	1.19%	0.134%
73	23.497	3479	3487	3500	rVB	6498363	12358448	100.00%	11.203%
74	23.638	3504	3511	3520	rVB	3039603	5794896	46.89%	5.253%

Sum of corrected areas: 110311204

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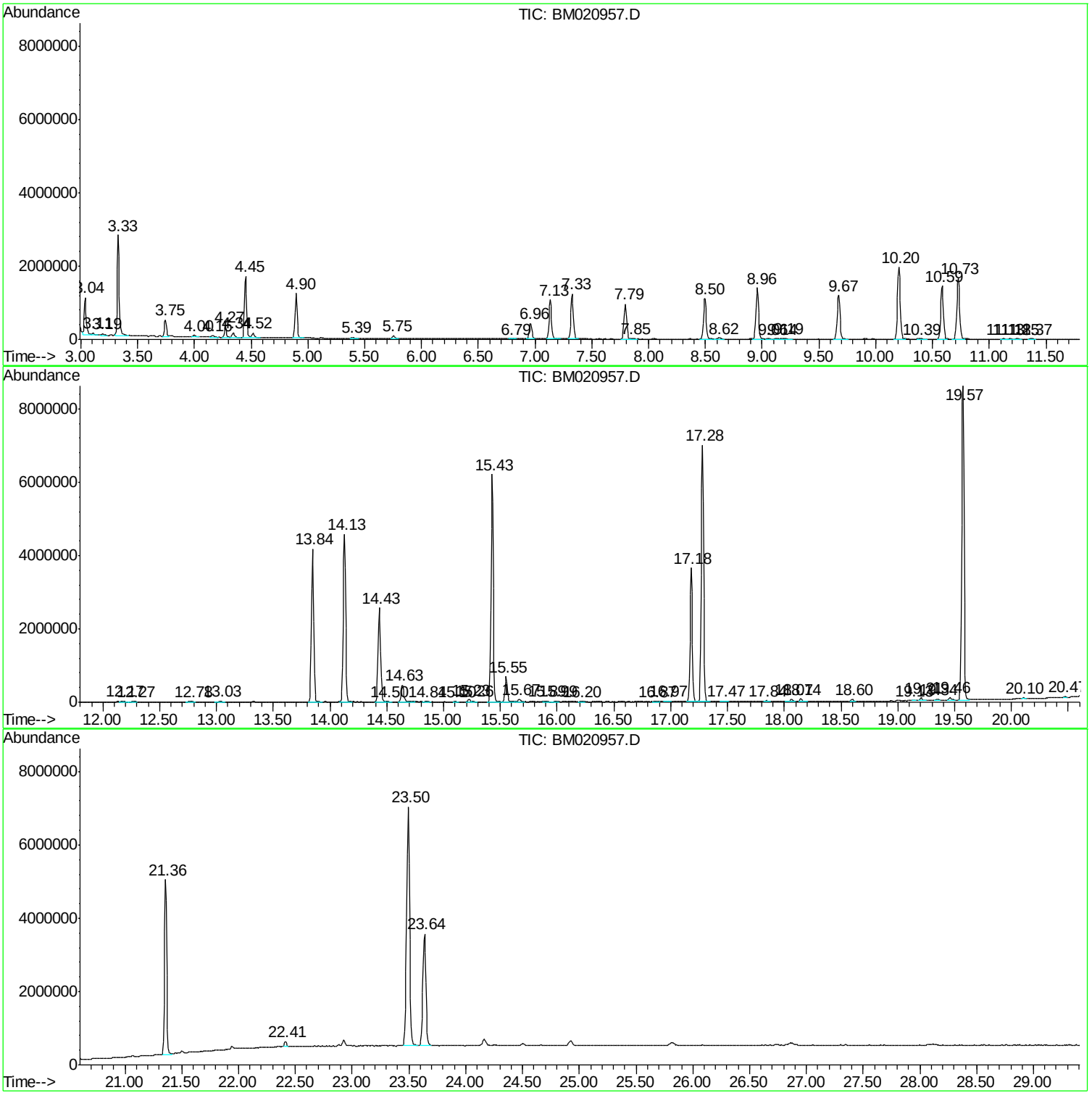
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0JT2

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

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061419\
Data File : BM020957.D
Acq On : 14 Jun 2019 23:36
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Instrument : BNA_M
ClientSampleId : C0JT2

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Quant Title : SVOA CALIBRATION

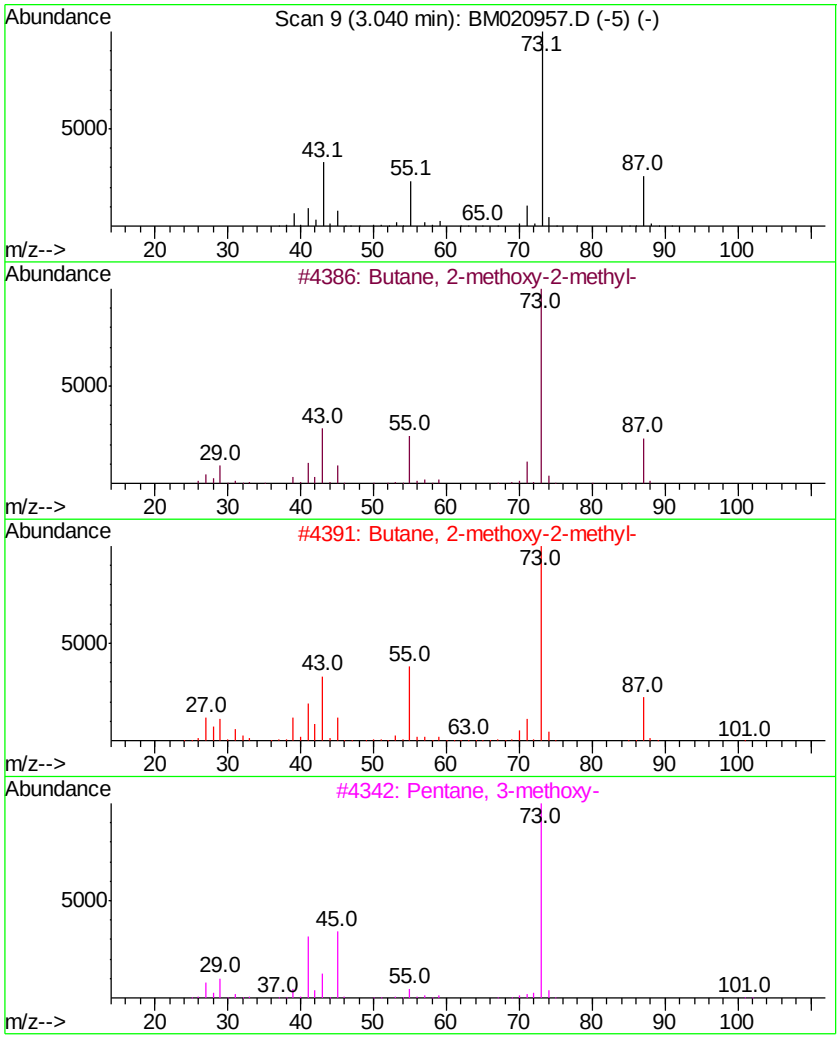
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

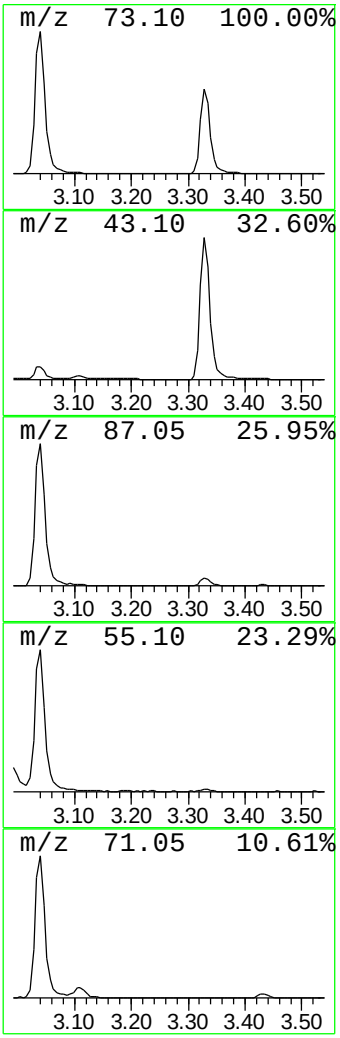
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.04	15.89 ng/ul	1242060	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061419\
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Acq On : 14 Jun 2019 23:36
Operator : HP/JU
Sample : K3353-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0JT2

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

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

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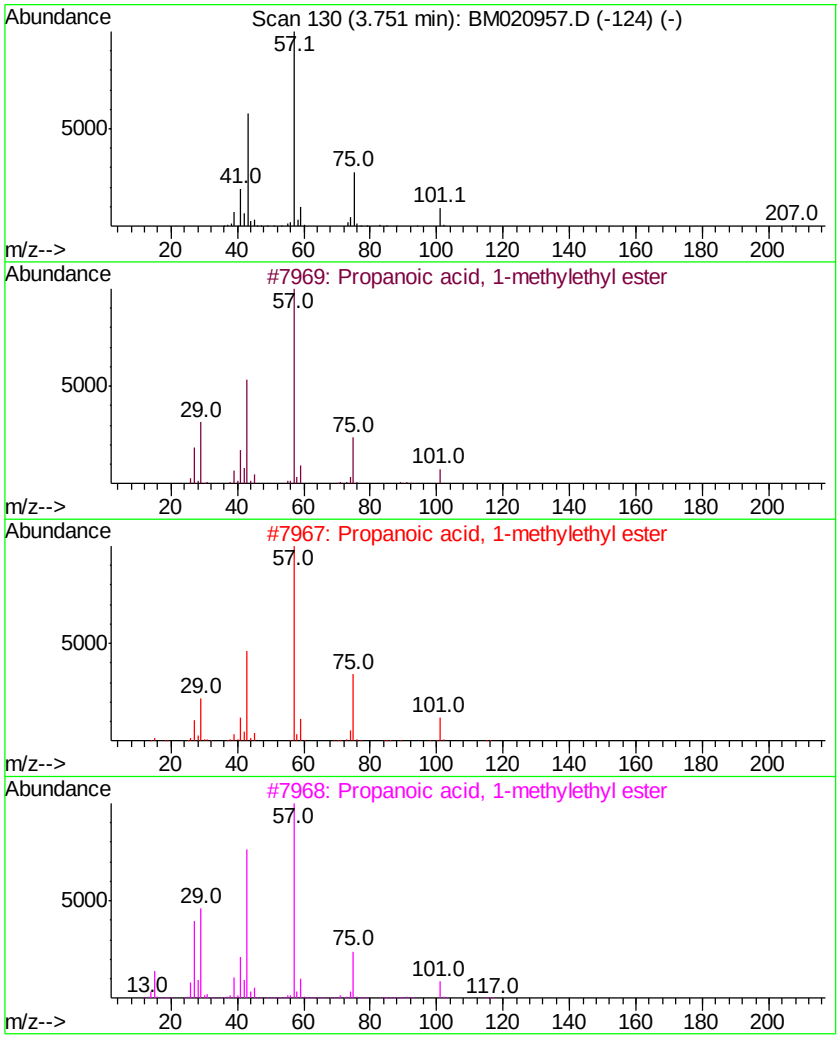
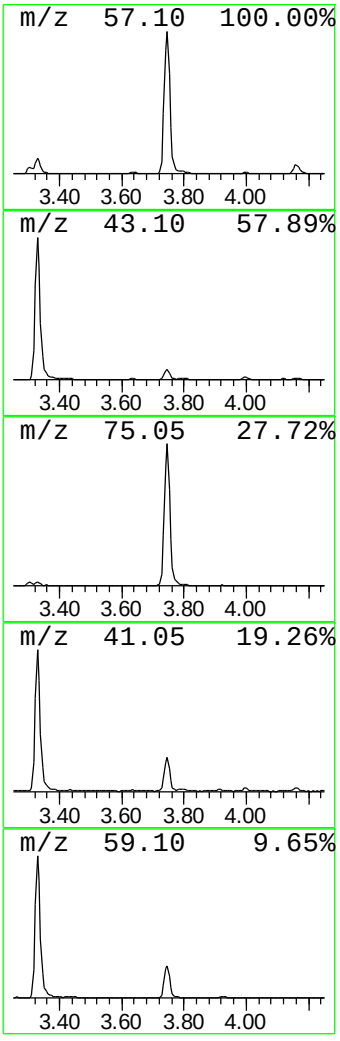
Peak Number 2 Propanoic acid, 1-methyleth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.75	7.38 ng/ul	576621	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	90
2	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	83
3	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	74
4	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	50
5	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	42





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061419\
Data File : BM020957.D
Acq On : 14 Jun 2019 23:36
Operator : HP/JU
Sample : K3353-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0JT2

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

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

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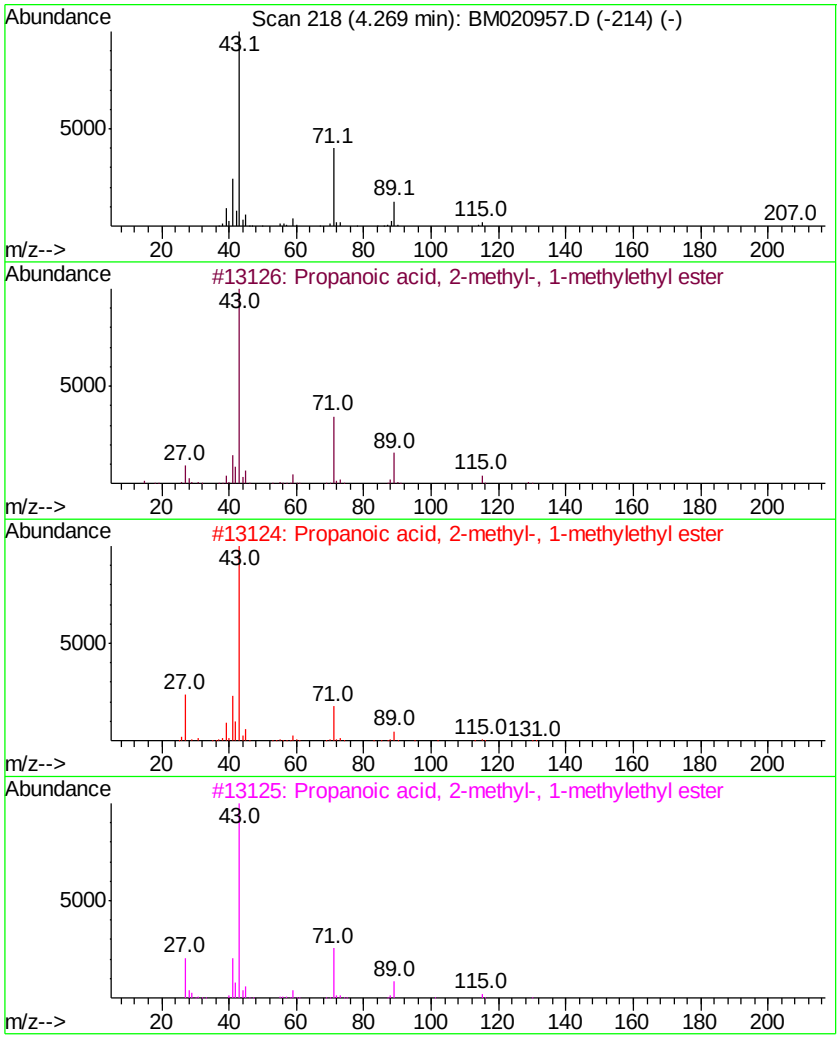
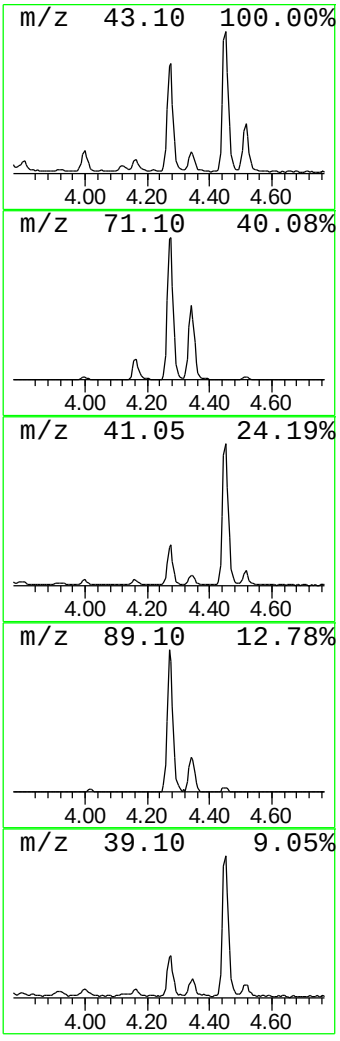
Peak Number 3 Propanoic acid, 2-methyl-, ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.27	4.69 ng/ul	366310	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	78
2	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	56
3	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	53
4	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	42
5	Propanoic acid, 2-methyl-, penty...	158	C9H18O2	002445-72-9	39





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061419\
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Acq On : 14 Jun 2019 23:36
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Sample : K3353-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0JT2

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

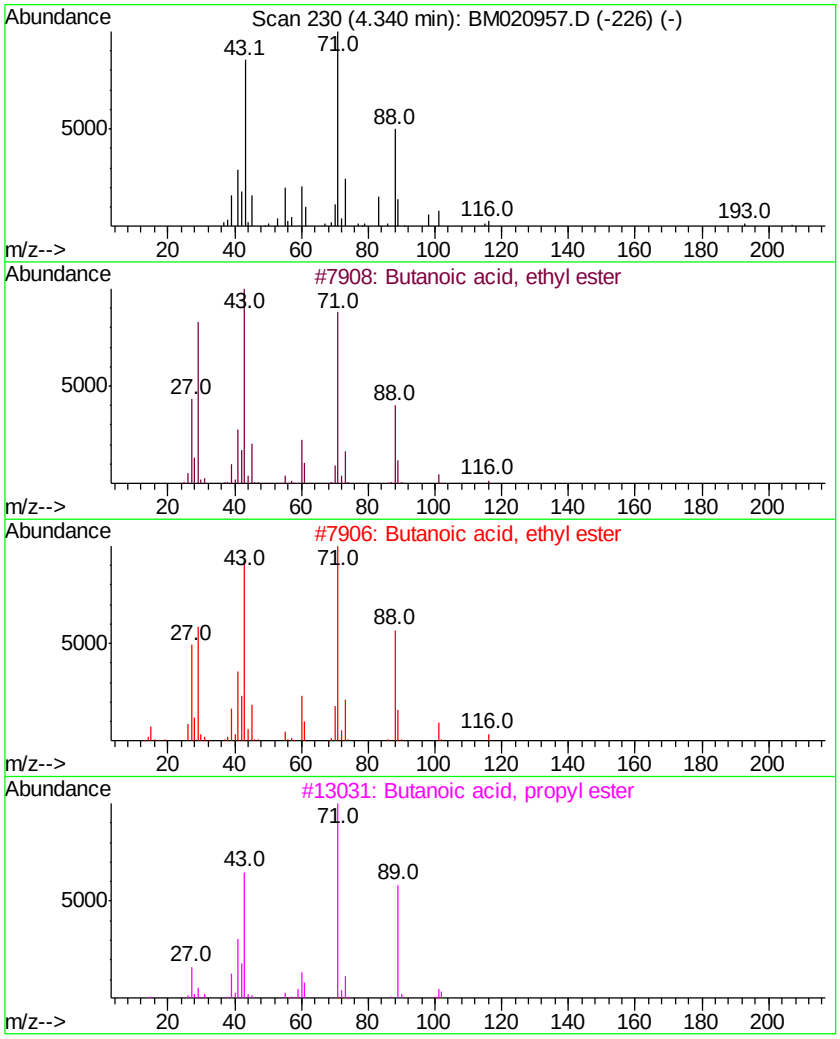
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

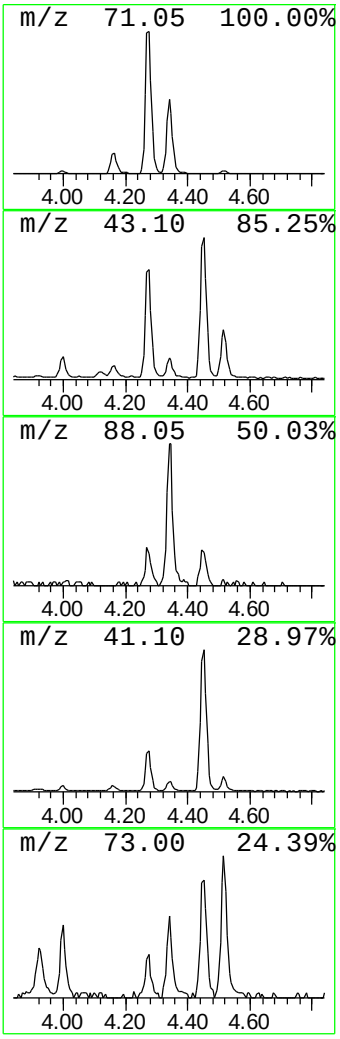
****

Peak Number 4 Butanoic acid, ethyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.34	2.31 ng/ul	180284	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, ethyl ester	116	C6H12O2	000105-54-4	64
2	Butanoic acid, ethyl ester	116	C6H12O2	000105-54-4	64
3	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	50
4	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	50
5	3-Mercaptohexyl butanoate	204	C10H20O2S	136954-21-7	45





Library Search Compound Report

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Data File : BM020957.D
Acq On : 14 Jun 2019 23:36
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Sample : K3353-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0JT2

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

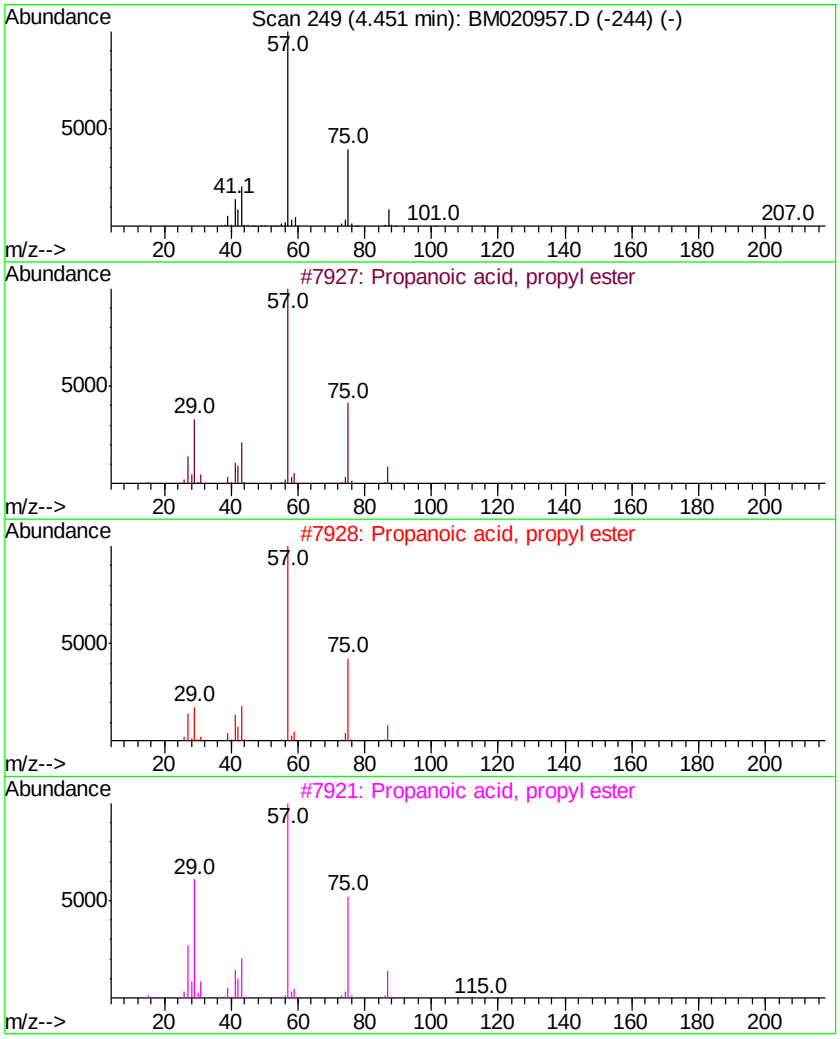
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

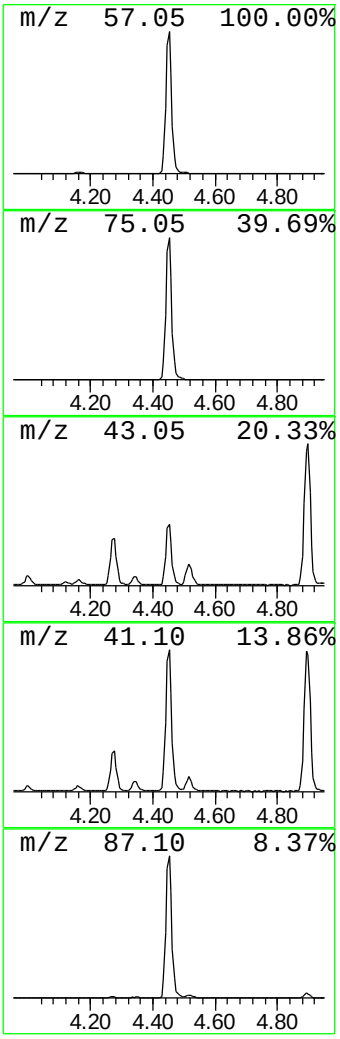
****

Peak Number 5 Propanoic acid, propyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.45	28.49 ng/ul	2227360	1,4-Dichlorobenzene-d4	7.79

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	83
5	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	39





Library Search Compound Report

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Acq On : 14 Jun 2019 23:36
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0JT2

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

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

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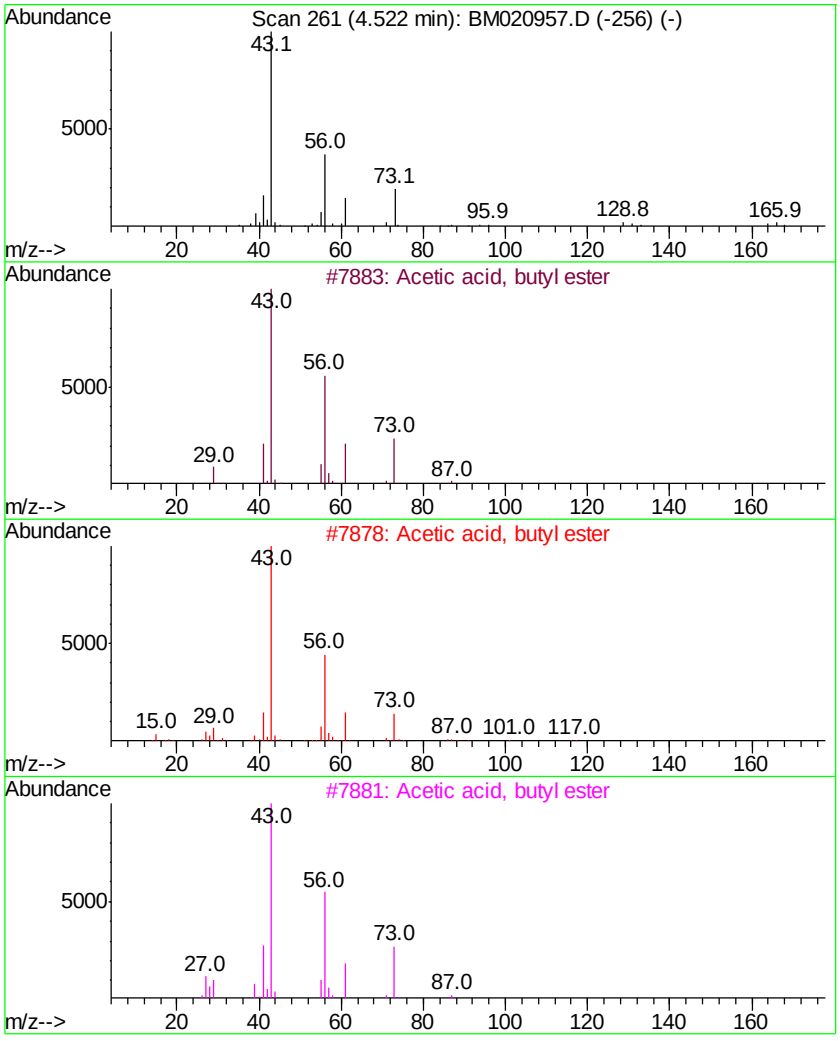
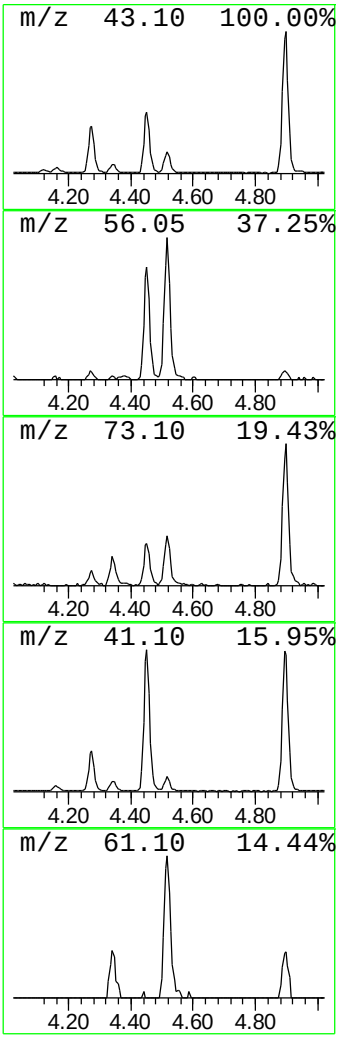
Peak Number 6 Acetic acid, butyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.52	2.52 ng/ul	196677	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, butyl ester	116	C6H12O2	000123-86-4	78
2	Acetic acid, butyl ester	116	C6H12O2	000123-86-4	78
3	Acetic acid, butyl ester	116	C6H12O2	000123-86-4	72
4	Acetic acid, butyl ester	116	C6H12O2	000123-86-4	64
5	Acetic acid, butyl ester	116	C6H12O2	000123-86-4	56





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Data File : BM020957.D
Acq On : 14 Jun 2019 23:36
Operator : HP/JU
Sample : K3353-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0JT2

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

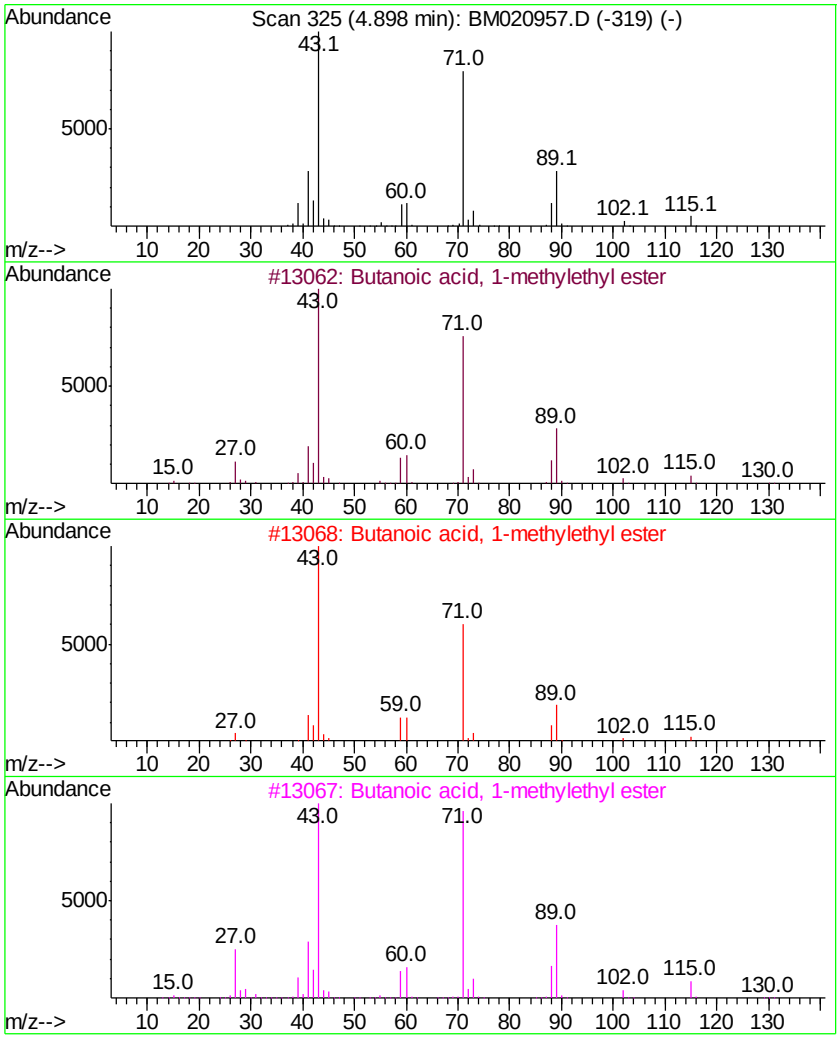
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

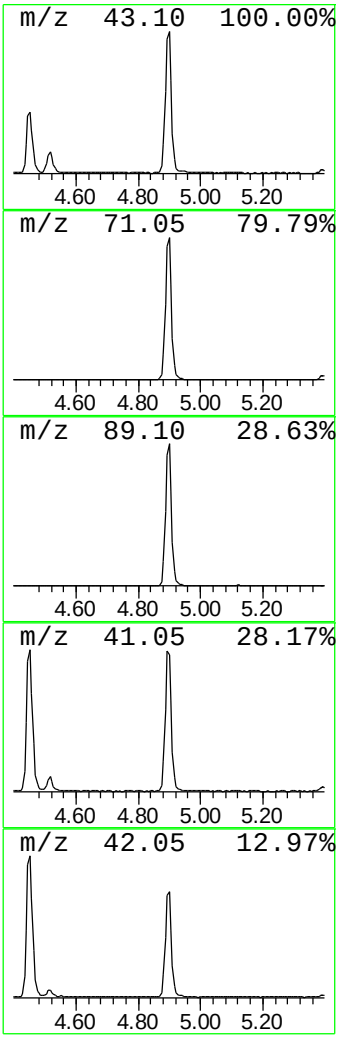
****

Peak Number 7 Butanoic acid, 1-methylethy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	21.22 ng/ul	1658890	1,4-Dichlorobenzene-d4	7.79

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	90
3	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	90
4	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	72
5	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM061419\
Data File : BM020957.D
Acq On : 14 Jun 2019 23:36
Operator : HP/JU
Sample : K3353-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0JT2

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.04	15.9	ng/ul	1242060	1	7.79	1563490	20.0
Propanoic acid, 1...	3.75	7.4	ng/ul	576621	1	7.79	1563490	20.0
Propanoic acid, 2...	4.27	4.7	ng/ul	366310	1	7.79	1563490	20.0
Butanoic acid, et...	4.34	2.3	ng/ul	180284	1	7.79	1563490	20.0
Propanoic acid, p...	4.45	28.5	ng/ul	2227360	1	7.79	1563490	20.0
Acetic acid, buty...	4.52	2.5	ng/ul	196677	1	7.79	1563490	20.0
Butanoic acid, 1-...	4.90	21.2	ng/ul	1658890	1	7.79	1563490	20.0