LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061419\
Data File : BM020955.D
Acq On : 14 Jun 2019 22:24
Operator : HP/JU
Sample : K3353-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0JS8

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	3.034	5	8	18	rVB	924973	1192543	8.54%	1.079%
2	3.105	18	20	30	rVB	49618	77343	0.55%	0.070%
3	3.193	32	35	40	rVB2	35101	42863	0.31%	0.039%
4	3.328	54	58	72	rVB	2021875	2533795	18.15%	2.293%
5	3.746	124	129	136	rBV	350855	459080	3.29%	0.415%
6	3.999	168	172	180	rVB3	31098	58391	0.42%	0.053%
7	4.117	190	192	196	rBV2	13343	17306	0.12%	0.016%
8	4.164	196	200	205	rVB2	36978	56609	0.41%	0.051%
9	4.269	214	218	226	rVV	212505	290807	2.08%	0.263%
10	4.340	226	230	237	rVB2	81995	112438	0.81%	0.102%
11	4.452	244	249	256	rBV	1173280	1566552	11.22%	1.418%
12	4.517	256	260	269	rVB	81058	125976	0.90%	0.114%
13	4.899	319	325	336	rVB	897906	1251064	8.96%	1.132%
14	5.393	405	409	416	rVB2	23328	33620	0.24%	0.030%
15	5.752	465	470	475	rBV	53385	70510	0.51%	0.064%
16	6.958	669	675	682	rBV	451934	732274	5.25%	0.663%
17	7.016	682	685	689	rVB3	12553	19271	0.14%	0.017%
18	7.134	698	705	719	rBV	1020813	1559412	11.17%	1.411%
19	7.328	731	738	749	rBV	1173461	1847188	13.24%	1.672%
20	7.793	811	817	824	rBV	964003	1549677	11.10%	1.402%
21	7.852	824	827	832	rVV2	17308	28100	0.20%	0.025%
22	8.428	920	925	929	rBV5	8617	15436	0.11%	0.014%
23	8.499	929	937	948	rVB	1130872	1866384	13.37%	1.689%
24	8.622	953	958	964	rVB	36355	57791	0.41%	0.052%
25	8.893	999	1004	1008	rBV5	15412	26500	0.19%	0.024%
26	8.957	1008	1015	1025	rVB	1305288	2162342	15.49%	1.957%
27	9.199	1048	1056	1066	rVB2	21684	55047	0.39%	0.050%
28	9.463	1098	1101	1110	rVB3	10719	18264	0.13%	0.017%
29	9.675	1130	1137	1148	rBV	1127215	1874910	13.43%	1.697%
30	9.828	1158	1163	1170	rVB3	10856	18823	0.13%	0.017%
31	9.981	1183	1189	1194	rVB3	30547	51668	0.37%	0.047%
32	10.204	1219	1227	1238	rBV	1796103	3026432	21.68%	2.739%
33	10.381	1251	1257	1265	rBV2	18589	42962	0.31%	0.039%
34	10.587	1283	1292	1298	rBV	1463712	2468386	17.69%	2.234%

LSC Area Percent Report

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Operator : HP/JU
Sample : K3353-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0JS8

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	10.634	1298	1300	1306	rVB2	22521	28864	0.21%	0.026%
36	10.728	1306	1316	1331	rBV	1623865	2902398	20.80%	2.627%
37	11.375	1420	1426	1432	rBV5	8712	23669	0.17%	0.021%
38	11.775	1489	1494	1499	rVB3	25291	38893	0.28%	0.035%
39	12.128	1551	1554	1558	rBV2	18042	22591	0.16%	0.020%
40	12.175	1558	1562	1568	rVB2	26911	43443	0.31%	0.039%
41	12.251	1568	1575	1577	rBV3	11796	19163	0.14%	0.017%
42	12.422	1596	1604	1607	rBV3	11386	19846	0.14%	0.018%
43	12.469	1607	1612	1617	rVV2	10070	16137	0.12%	0.015%
44	12.781	1658	1665	1670	rVB5	9000	17313	0.12%	0.016%
45	13.034	1703	1708	1715	rBV4	15002	26361	0.19%	0.024%
46	13.845	1835	1846	1856	rBV	4108474	5672925	40.65%	5.134%
47	14.128	1887	1894	1902	rVB	4364511	6331331	45.36%	5.730%
48	14.434	1933	1946	1954	rBV2	2516817	3870911	27.73%	3.503%
49	14.498	1954	1957	1964	rVB2	16309	25098	0.18%	0.023%
50	14.634	1974	1980	1992	rBV	565419	912323	6.54%	0.826%
51	14.845	2011	2016	2021	rVB6	12788	23749	0.17%	0.021%
52	15.228	2076	2081	2085	rBV	94977	118578	0.85%	0.107%
53	15.428	2108	2115	2122	rBV	6080773	8539558	61.19%	7.728%
54	15.481	2122	2124	2129	rVB2	13968	19044	0.14%	0.017%
55	15.551	2129	2136	2149	rBV	1205506	1673576	11.99%	1.515%
56	15.669	2149	2156	2160	rVB2	68535	105378	0.76%	0.095%
57	15.892	2188	2194	2198	rBV5	7115	14697	0.11%	0.013%
58	15.992	2206	2211	2216	rVB5	13803	22939	0.16%	0.021%
59	16.210	2240	2248	2252	rBV8	7594	15225	0.11%	0.014%
60	16.863	2354	2359	2364	rBV5	10863	22593	0.16%	0.020%
61	16.969	2372	2377	2381	rBV	14153	17687	0.13%	0.016%
62	17.180	2406	2413	2419	rBV2	3626943	5028617	36.03%	4.551%
63	17.222	2419	2420	2423	rVV2	18968	14166	0.10%	0.013%
64	17.280	2423	2430	2442	rVV2	6847528	9784746	70.11%	8.855%
65	17.845	2522	2526	2530	rVB3	43714	49718	0.36%	0.045%
66	18.063	2560	2563	2569	rVB2	57176	78589	0.56%	0.071%
67	18.145	2574	2577	2584	rVB	28484	40088	0.29%	0.036%
68	19.204	2753	2757	2767	rVV	79120	129020	0.92%	0.117%
69	19.345	2777	2781	2787	rBV4	41827	61206	0.44%	0.055%
70	19.457	2796	2800	2804	rBV	66522	85712	0.61%	0.078%
71	19.574	2813	2820	2829	rBV	9105700	12123830	86.87%	10.971%

LSC Area Percent Report

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Operator : HP/JU
Sample : K3353-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0JS8

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	20.110	2908	2911	2914	rBV4	21544	25021	0.18%	0.023%
73	21.357	3118	3123	3132	rBV	4800897	6270992	44.93%	5.675%
74	22.410	3299	3302	3307	rVB	166255	208276	1.49%	0.188%
75	22.927	3387	3390	3395	rVB	217486	297424	2.13%	0.269%
76	23.498	3479	3487	3503	rVB	7365275	13956795	100.00%	12.630%
77	23.639	3504	3511	3522	rVB2	3399629	6494696	46.53%	5.877%

Sum of corrected areas: 110502950

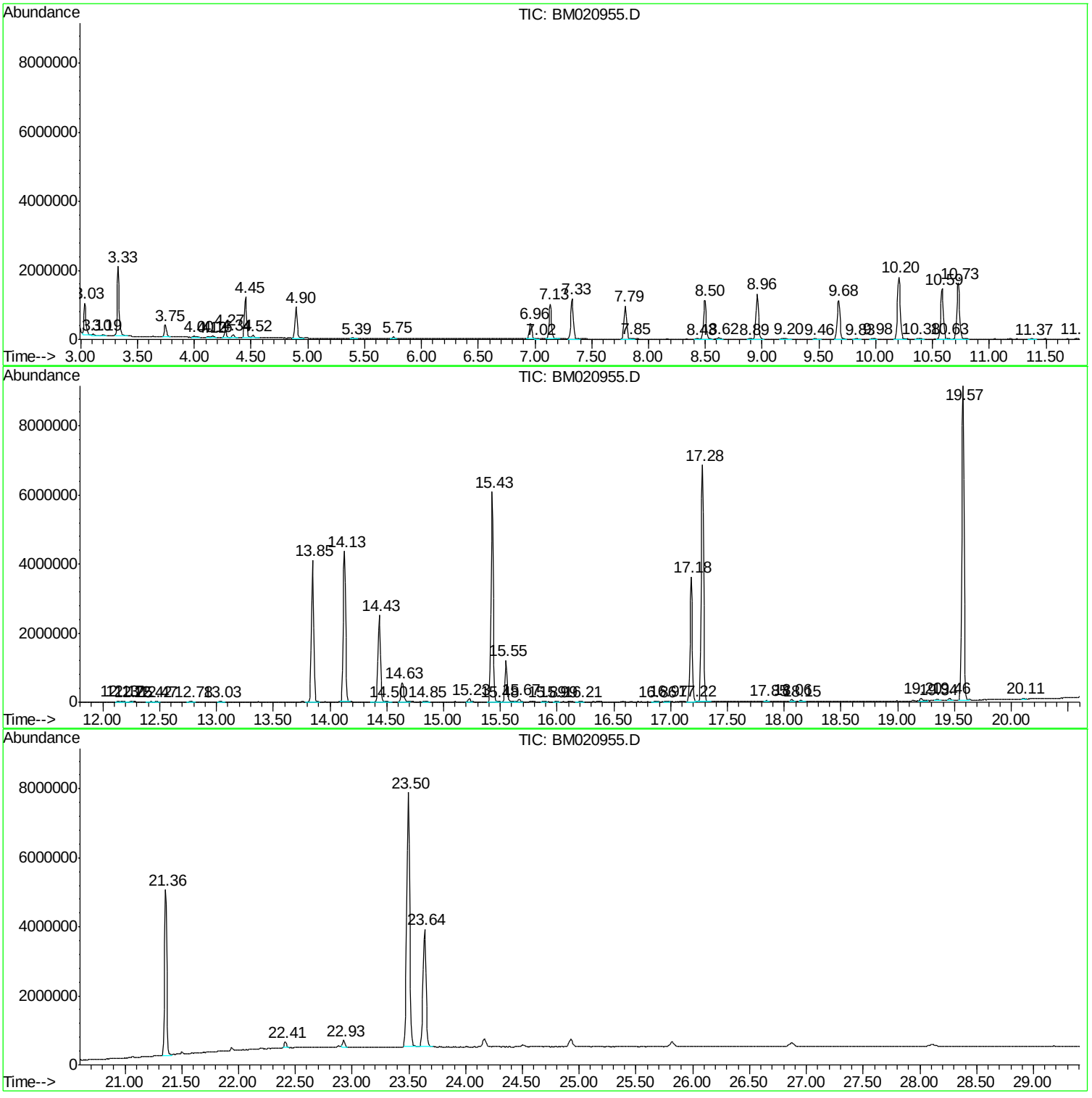
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061419\
Data File : BM020955.D
Acq On : 14 Jun 2019 22:24
Operator : HP/JU
Sample : K3353-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0JS8

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 : BM020955.D
Acq On : 14 Jun 2019 22:24
Operator : HP/JU
Sample : K3353-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0JS8

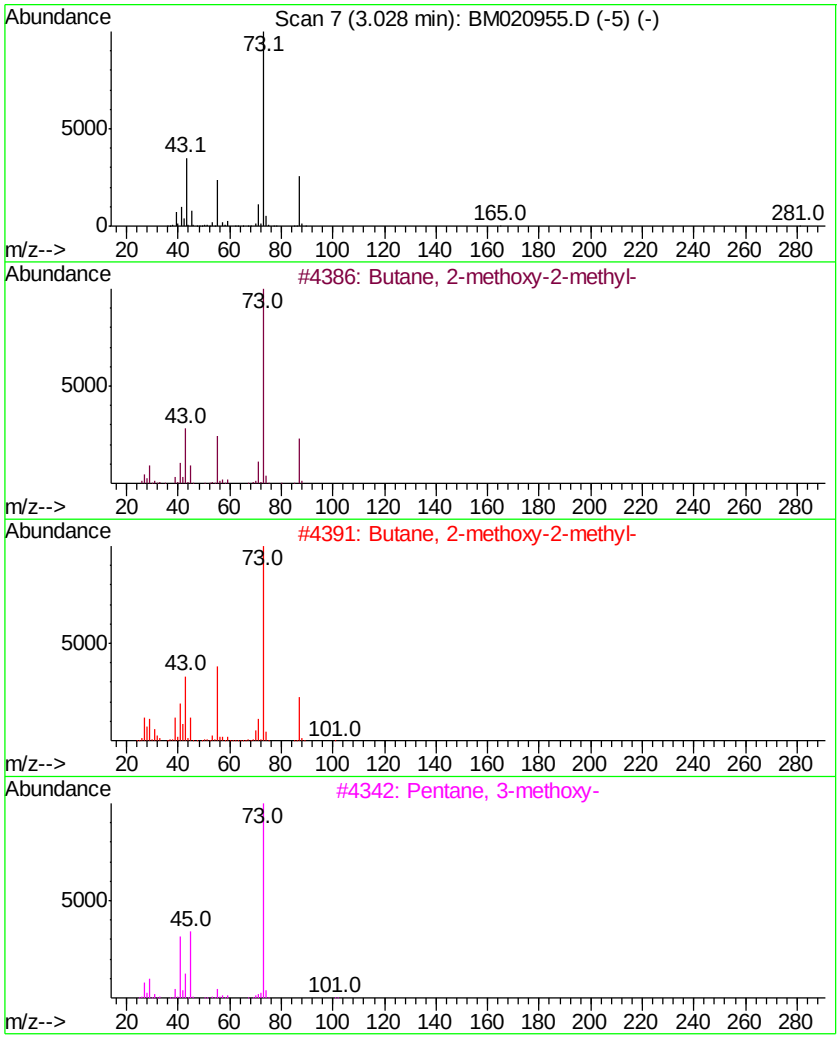
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

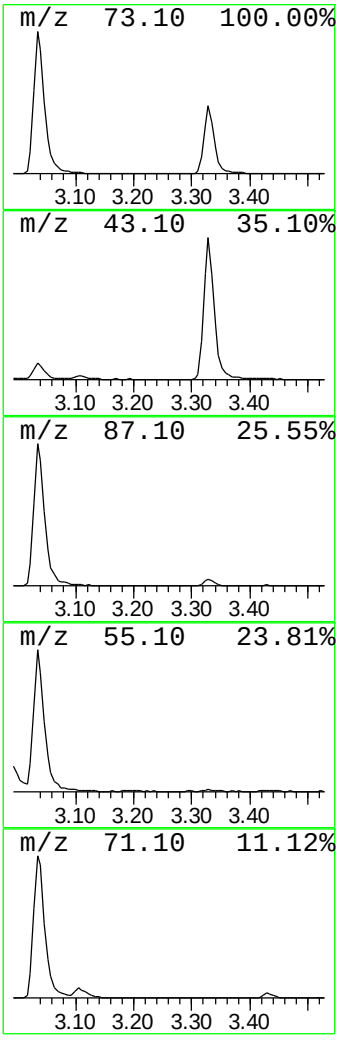
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.03	15.39 ng/ul	1192540	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Library Search Compound Report

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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0JS8

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

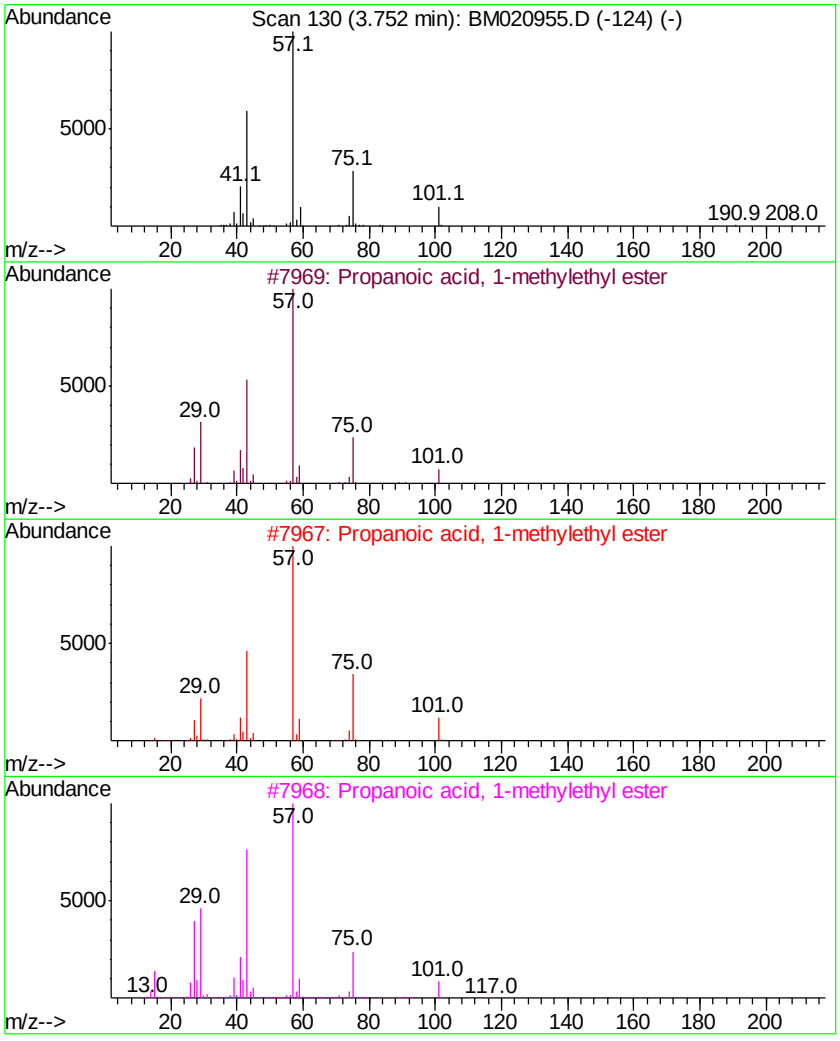
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

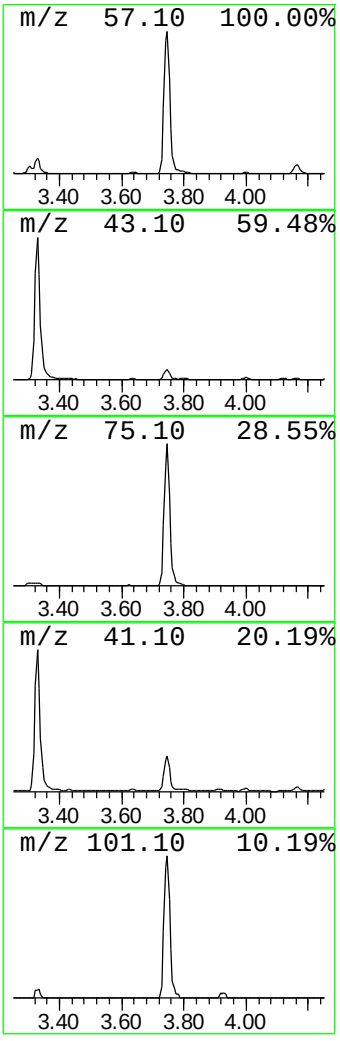
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.75	5.92 ng/ul	459080	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	86
2	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	78
3	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	64
4	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	59
5	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	42





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061419\
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Acq On : 14 Jun 2019 22:24
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Sample : K3353-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0JS8

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

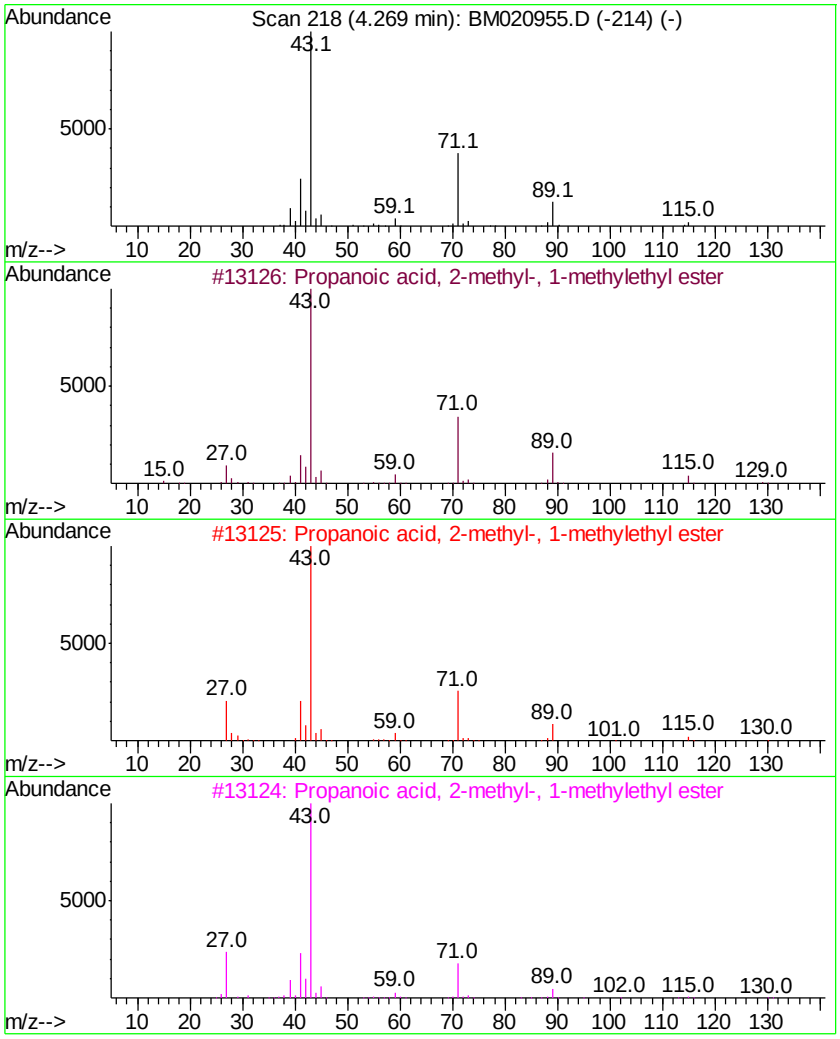
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

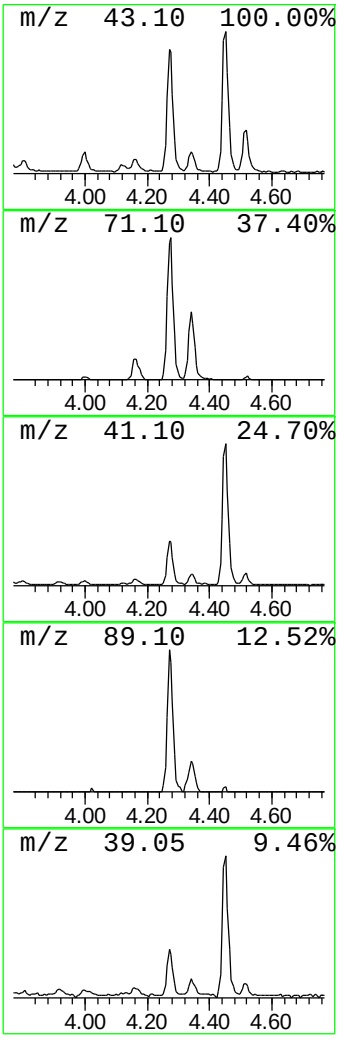
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.27	3.75 ng/ul	290807	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	83
3	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	72
4	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	53
5	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	50





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Instrument : BNA_M
ClientSampleId : C0JS8

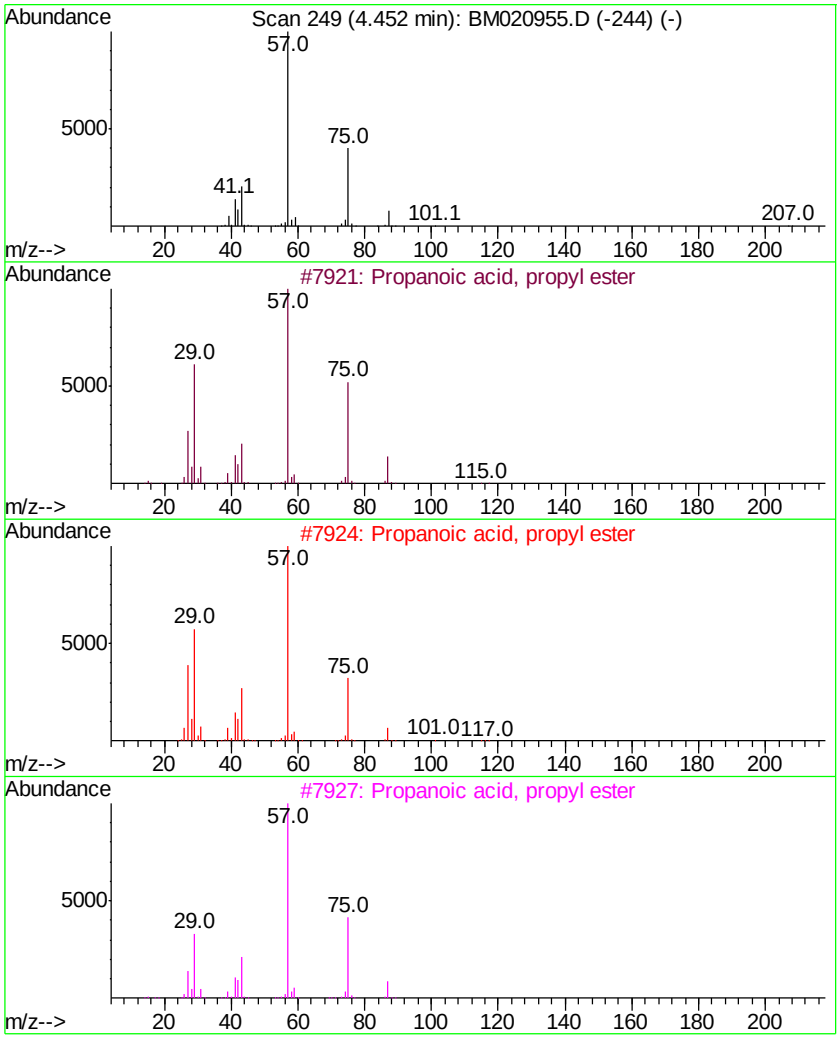
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

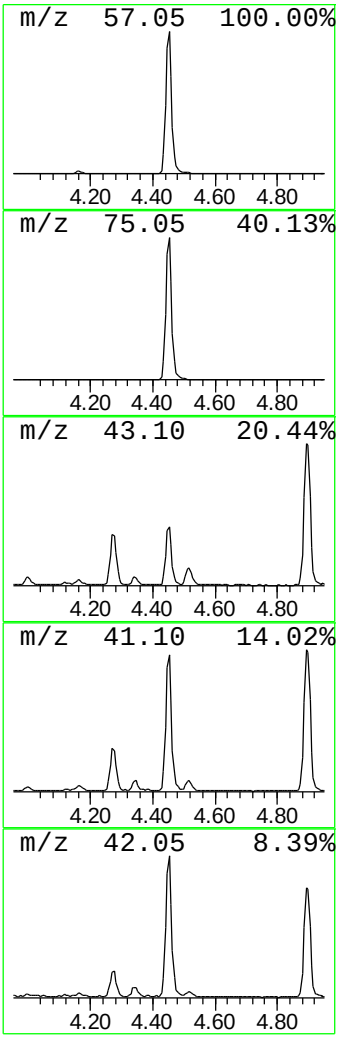
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Propanoic acid, propyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.45	20.22 ng/ul	1566550	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	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 22:24
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Misc :
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Instrument : BNA_M
ClientSampleId : C0JS8

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

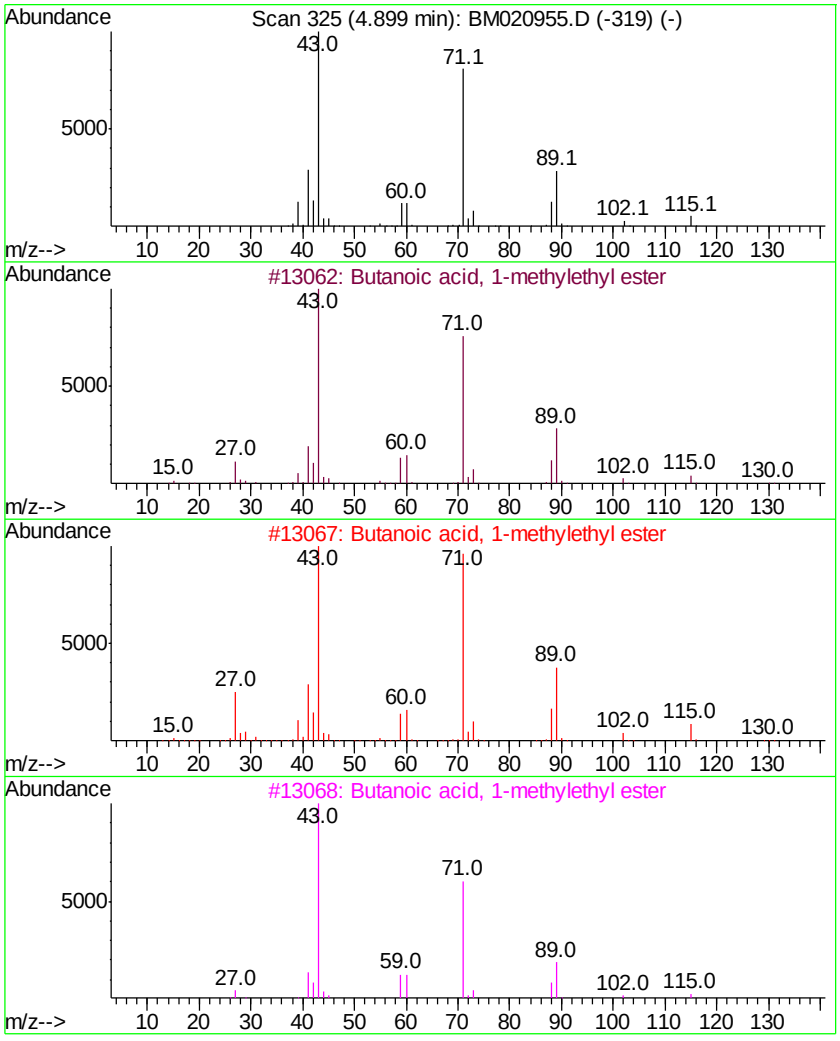
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

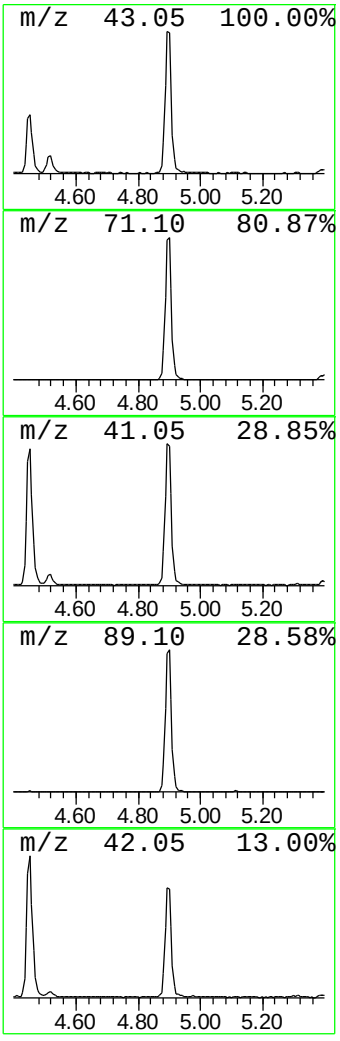
****

Peak Number 5 Butanoic acid, 1-methylethy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	16.15 ng/ul	1251060	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	90
3	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	78
4	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	72
5	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM061419\
Data File : BM020955.D
Acq On : 14 Jun 2019 22:24
Operator : HP/JU
Sample : K3353-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0JS8

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...	3.03	15.4	ng/ul	1192540	1	7.80	1549680	20.0
Propanoic acid, 1...	3.75	5.9	ng/ul	459080	1	7.80	1549680	20.0
Propanoic acid, 2...	4.27	3.8	ng/ul	290807	1	7.80	1549680	20.0
Propanoic acid, p...	4.45	20.2	ng/ul	1566550	1	7.80	1549680	20.0
Butanoic acid, 1-...	4.90	16.1	ng/ul	1251060	1	7.80	1549680	20.0