LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061819\
Data File : BM021009.D
Acq On : 18 Jun 2019 13:31
Operator : HP/JU
Sample : K3353-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0JS9

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	2639473	3303166	30.44%	3.318%
2	3.328	51	58	74	rVB	2198563	2776905	25.59%	2.789%
3	3.740	124	128	136	rBV	341511	448950	4.14%	0.451%
4	3.993	168	171	180	rVB3	36681	70680	0.65%	0.071%
5	4.116	189	192	196	rBV5	19630	34820	0.32%	0.035%
6	4.157	196	199	208	rVB2	36688	63542	0.59%	0.064%
7	4.269	214	218	226	rVB	223395	303147	2.79%	0.305%
8	4.340	226	230	236	rBV2	99709	135147	1.25%	0.136%
9	4.446	242	248	256	rBV2	1484767	2172468	20.02%	2.182%
10	4.510	256	259	265	rVB	89890	121858	1.12%	0.122%
11	4.893	319	324	336	rVB	997555	1333980	12.29%	1.340%
12	5.028	343	347	352	rVB2	17675	28222	0.26%	0.028%
13	5.393	405	409	413	rVB	20492	27909	0.26%	0.028%
14	5.752	465	470	475	rBV	57564	80962	0.75%	0.081%
15	6.787	641	646	652	rVB6	14647	23169	0.21%	0.023%
16	6.899	659	665	670	rBV	167047	232453	2.14%	0.233%
17	6.957	670	675	682	rVB	379007	593196	5.47%	0.596%
18	7.134	697	705	717	rBV	892371	1454221	13.40%	1.461%
19	7.322	729	737	744	rBV	1110805	1720914	15.86%	1.729%
20	7.434	754	756	763	rVB4	11193	15343	0.14%	0.015%
21	7.793	810	817	823	rBV	823050	1300812	11.99%	1.307%
22	7.851	823	827	832	rVB2	19865	31723	0.29%	0.032%
23	8.493	929	936	946	rBV	1006664	1627048	14.99%	1.634%
24	8.616	952	957	962	rVB2	33376	52867	0.49%	0.053%
25	8.887	997	1003	1008	rBV6	10842	23989	0.22%	0.024%
26	8.951	1008	1014	1023	rVV	1205246	1996451	18.40%	2.005%
27	9.116	1036	1042	1044	rBV6	8448	13479	0.12%	0.014%
28	9.192	1048	1055	1063	rVB	27699	53485	0.49%	0.054%
29	9.328	1072	1078	1084	rBV2	87527	124682	1.15%	0.125%
30	9.669	1127	1136	1150	rBV	1049849	1729815	15.94%	1.738%
31	9.828	1158	1163	1170	rBV7	10605	26025	0.24%	0.026%
32	9.975	1184	1188	1195	rVB6	9874	17976	0.17%	0.018%
33	10.198	1219	1226	1237	rBV	1688813	2770774	25.53%	2.783%
34	10.375	1251	1256	1267	rBV6	15945	38312	0.35%	0.038%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061819\
Data File : BM021009.D
Acq On : 18 Jun 2019 13:31
Operator : HP/JU
Sample : K3353-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0JS9

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	10.581	1284	1291	1297	rBV	1225511	2006071	18.49%	2.015%
36	10.634	1297	1300	1305	rVB	54677	79782	0.74%	0.080%
37	10.722	1307	1315	1333	rBV	1544746	2620394	24.15%	2.632%
38	11.122	1379	1383	1388	rBV6	6432	11713	0.11%	0.012%
39	11.181	1388	1393	1399	rVB6	7443	14616	0.13%	0.015%
40	11.369	1419	1425	1431	rBV6	8194	15518	0.14%	0.016%
41	11.769	1488	1493	1496	rBV5	8575	12522	0.12%	0.013%
42	11.816	1496	1501	1507	rVB	64528	97097	0.89%	0.098%
43	12.169	1556	1561	1567	rVV	33110	48571	0.45%	0.049%
44	12.245	1567	1574	1586	rVB3	24230	55127	0.51%	0.055%
45	12.463	1607	1611	1616	rBV	13018	21425	0.20%	0.022%
46	12.775	1659	1664	1668	rVV3	21325	29383	0.27%	0.030%
47	12.957	1692	1695	1701	rVB5	6023	11813	0.11%	0.012%
48	13.033	1701	1708	1716	rBV4	28298	57237	0.53%	0.057%
49	13.751	1825	1830	1834	rVB6	12077	18555	0.17%	0.019%
50	13.845	1834	1846	1860	rBV	3438477	4870844	44.89%	4.893%
51	14.075	1881	1885	1887	rBV3	13231	18402	0.17%	0.018%
52	14.122	1887	1893	1901	rVB	3789419	5573824	51.36%	5.599%
53	14.433	1937	1946	1953	rBV2	1942615	3172751	29.24%	3.187%
54	14.492	1953	1956	1961	rVB	21611	29776	0.27%	0.030%
55	14.633	1972	1980	1995	rBV	428612	690401	6.36%	0.693%
56	14.845	2011	2016	2023	rVB6	16286	32822	0.30%	0.033%
57	15.221	2075	2080	2084	rBV	113696	151580	1.40%	0.152%
58	15.380	2103	2107	2109	rBV	43979	58009	0.53%	0.058%
59	15.421	2109	2114	2121	rVV	5216263	7468445	68.82%	7.502%
60	15.480	2121	2124	2128	rVB3	16174	20231	0.19%	0.020%
61	15.545	2128	2135	2144	rBV	1294294	1788305	16.48%	1.796%
62	15.663	2151	2155	2160	rVB	66599	90348	0.83%	0.091%
63	15.886	2191	2193	2199	rVB5	15511	26480	0.24%	0.027%
64	15.992	2203	2211	2217	rBV7	30448	50078	0.46%	0.050%
65	16.051	2217	2221	2225	rVB5	9276	10926	0.10%	0.011%
66	16.210	2243	2248	2251	rBV5	11111	16480	0.15%	0.017%
67	16.316	2262	2266	2270	rBV3	9914	12929	0.12%	0.013%
68	16.627	2316	2319	2324	rVV	36994	45561	0.42%	0.046%
69	16.857	2355	2358	2365	rVB5	8308	14624	0.13%	0.015%
70	16.963	2373	2376	2381	rBV2	12391	17438	0.16%	0.018%
71	17.174	2406	2412	2418	rBV	2876937	4145542	38.20%	4.164%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061819\
Data File : BM021009.D
Acq On : 18 Jun 2019 13:31
Operator : HP/JU
Sample : K3353-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0JS9

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	17.274	2423	2429	2441	rBV	6286839	8787893	80.98%	8.827%
73	17.463	2458	2461	2465	rVB	14060	17977	0.17%	0.018%
74	17.533	2470	2473	2475	rBV3	8818	11674	0.11%	0.012%
75	17.698	2497	2501	2506	rVB2	43324	52218	0.48%	0.052%
76	17.810	2516	2520	2522	rBV4	8879	11504	0.11%	0.012%
77	17.839	2522	2525	2529	rVB5	16672	21110	0.19%	0.021%
78	18.033	2553	2558	2560	rBV2	43915	60962	0.56%	0.061%
79	18.062	2560	2563	2568	rVV3	49925	71063	0.65%	0.071%
80	18.139	2572	2576	2581	rBV	65275	81044	0.75%	0.081%
81	18.592	2650	2653	2658	rVV3	18091	22224	0.20%	0.022%
82	18.645	2658	2662	2667	rVB	37317	54310	0.50%	0.055%
83	19.204	2752	2757	2762	rBV	89932	130639	1.20%	0.131%
84	19.345	2777	2781	2784	rBV5	29546	42803	0.39%	0.043%
85	19.451	2794	2799	2805	rBV2	80198	155125	1.43%	0.156%
86	19.568	2813	2819	2830	rBV	7879664	10851493	100.00%	10.900%
87	20.139	2913	2916	2920	rVB2	39487	44373	0.41%	0.045%
88	20.768	3020	3023	3029	rBV3	58244	73214	0.67%	0.074%
89	21.268	3104	3108	3114	rBV	611940	631805	5.82%	0.635%
90	21.356	3118	3123	3137	rVV	3950668	5194134	47.87%	5.217%
91	23.492	3479	3486	3495	rVB	5807969	10477189	96.55%	10.524%
92	23.639	3504	3511	3523	rVB	2310372	4608192	42.47%	4.629%

Sum of corrected areas: 99555056

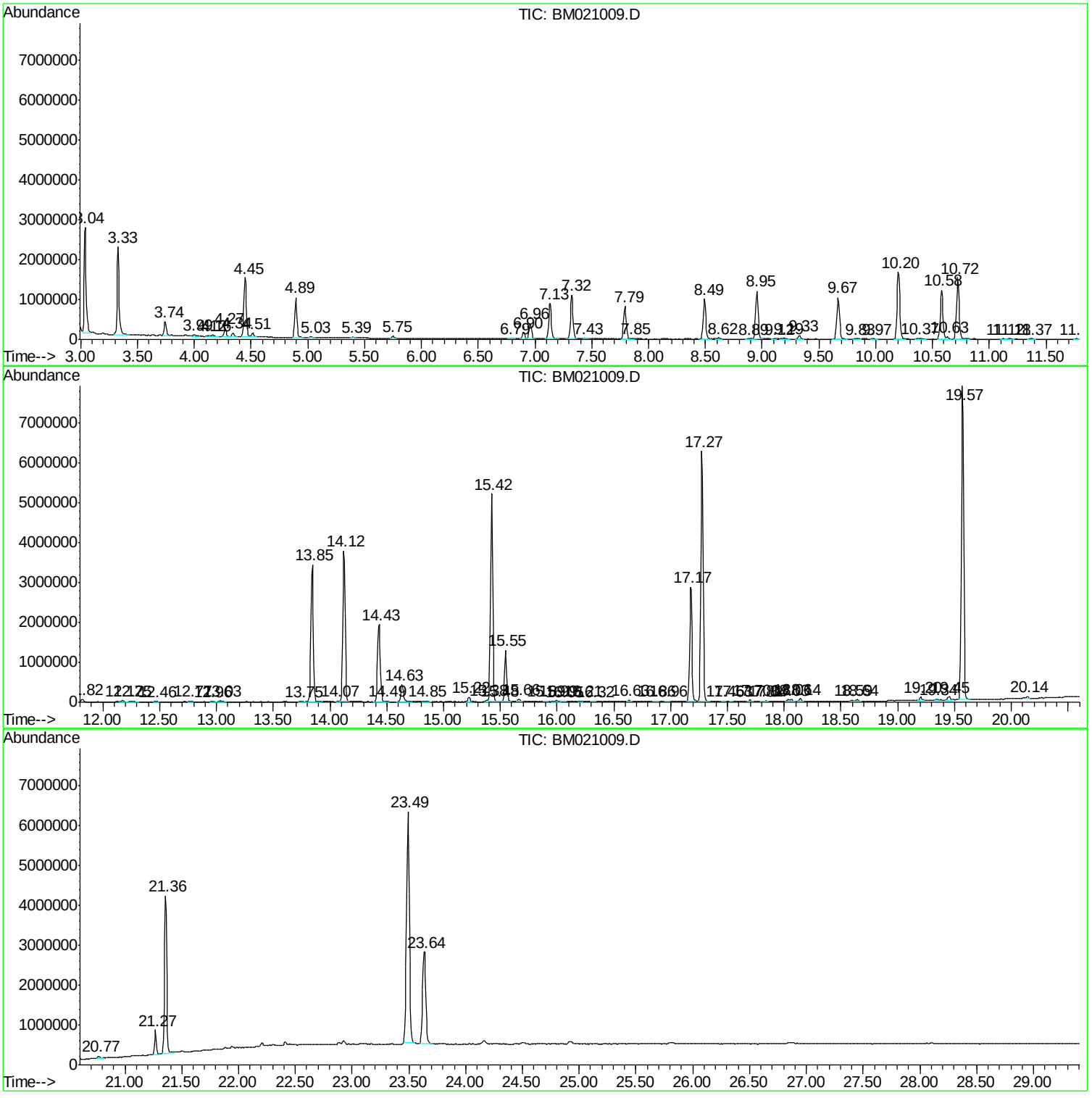
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061819\
Data File : BM021009.D
Acq On : 18 Jun 2019 13:31
Operator : HP/JU
Sample : K3353-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0JS9

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061819\
Data File : BM021009.D
Acq On : 18 Jun 2019 13:31
Operator : HP/JU
Sample : K3353-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0JS9

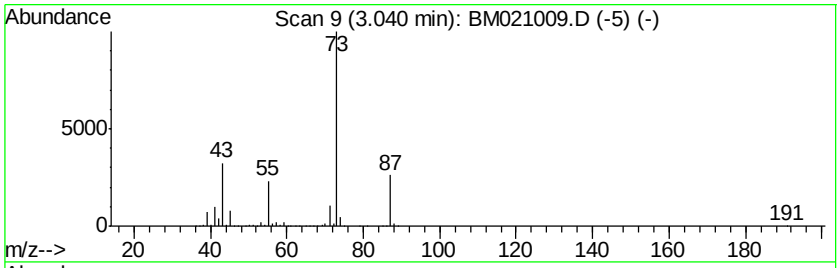
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

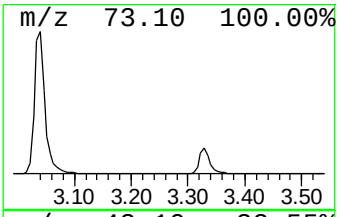
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

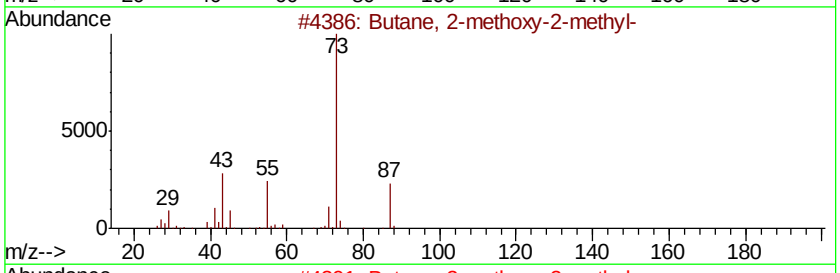
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

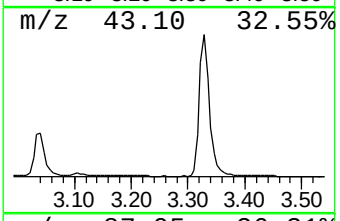
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.04	50.79 ng/ul	3303170	1,4-Dichlorobenzene-d4	7.79

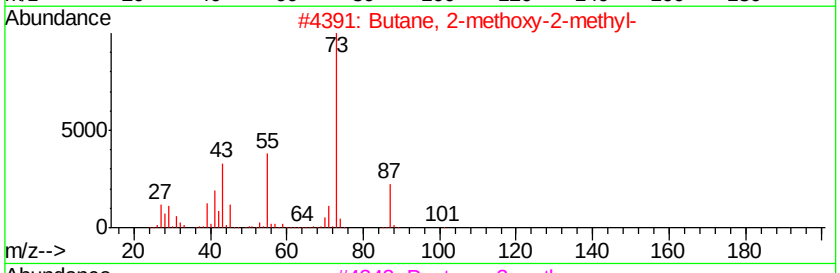
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9

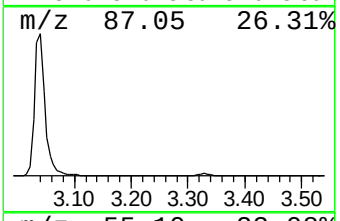


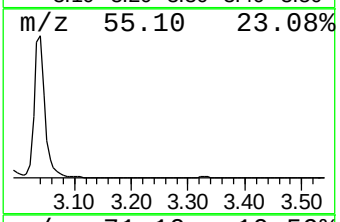


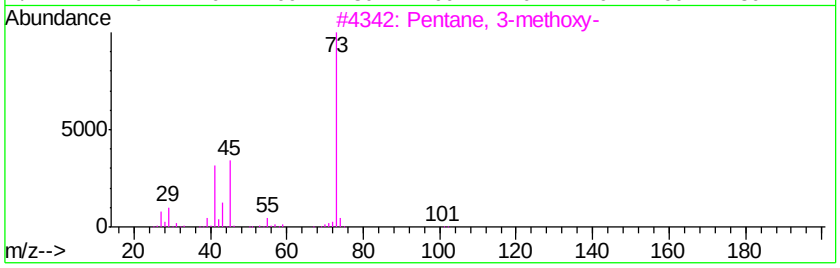


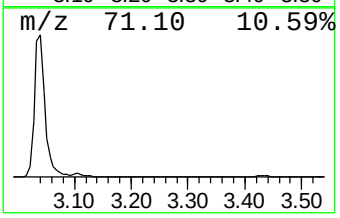












Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061819\
Data File : BM021009.D
Acq On : 18 Jun 2019 13:31
Operator : HP/JU
Sample : K3353-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0JS9

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

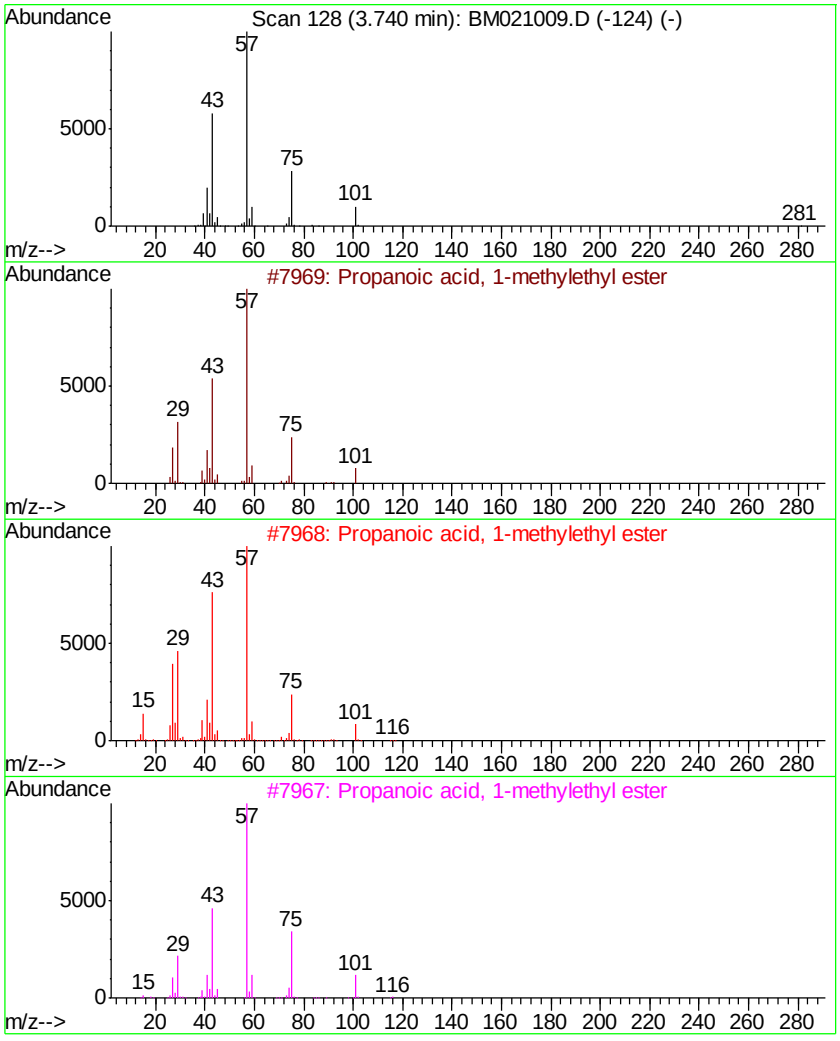
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

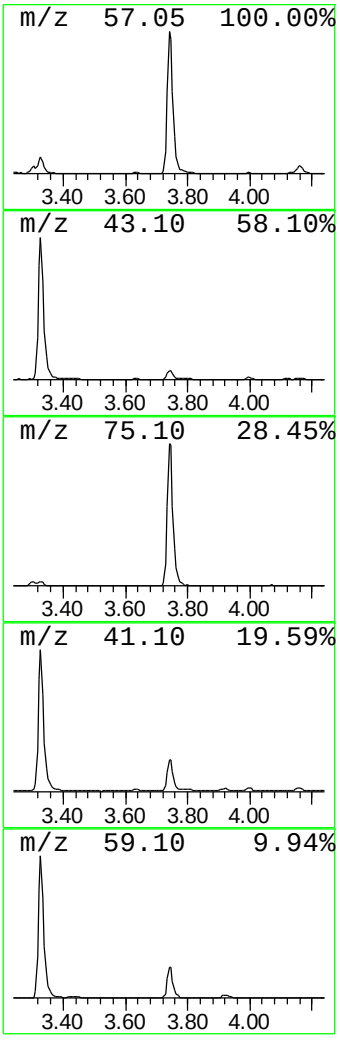
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.74	6.90 ng/ul	448950	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	86
2	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	78
3	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	78
4	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	45
5	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	42





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061819\
Data File : BM021009.D
Acq On : 18 Jun 2019 13:31
Operator : HP/JU
Sample : K3353-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0JS9

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

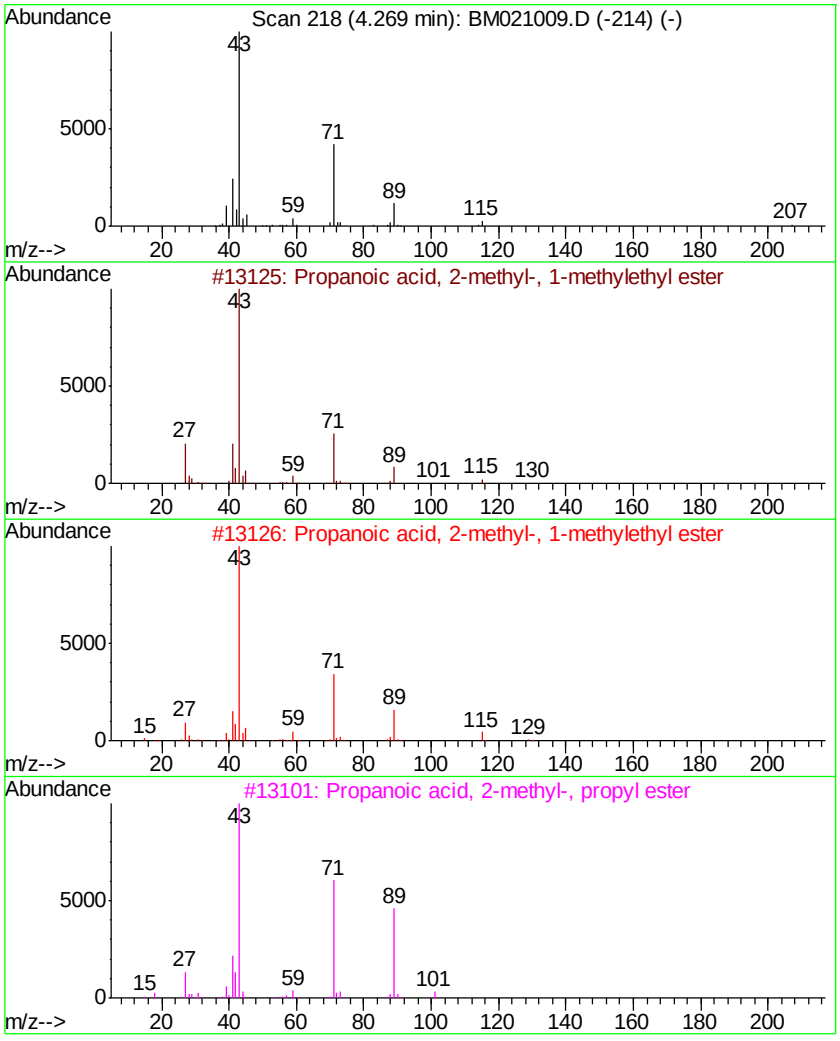
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

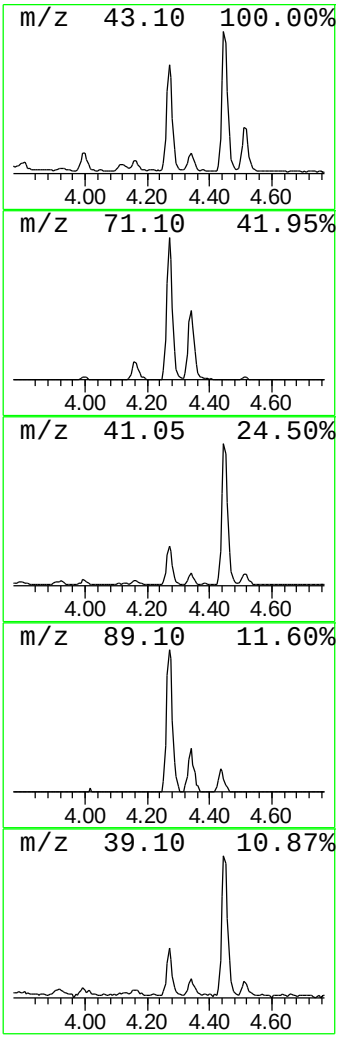
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.27	4.66 ng/ul	303147	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	83
2	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	83
3	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	59
4	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	56
5	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	56





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061819\
Data File : BM021009.D
Acq On : 18 Jun 2019 13:31
Operator : HP/JU
Sample : K3353-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0JS9

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

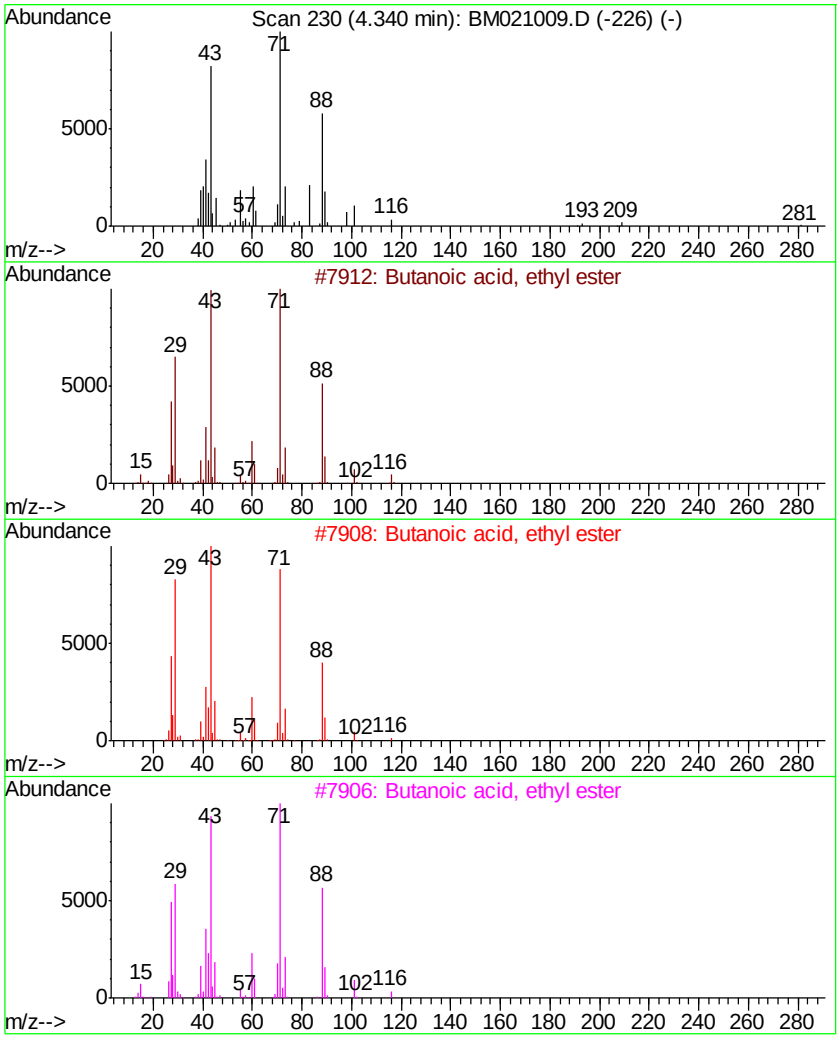
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

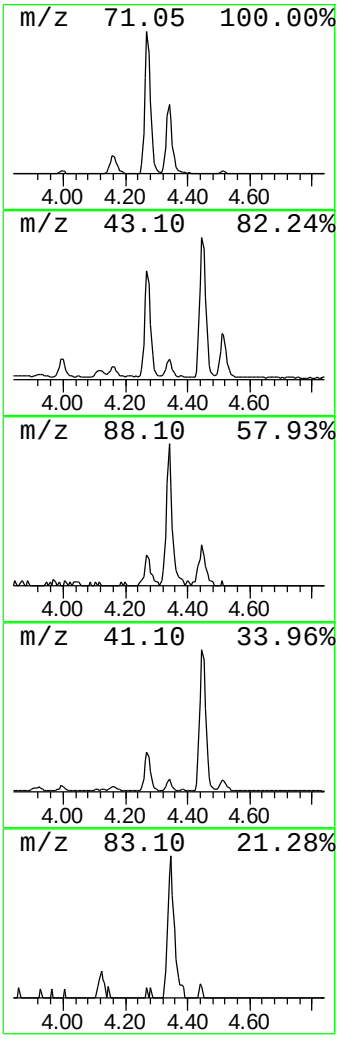
****

Peak Number 4 Butanoic acid, ethyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.34	2.08 ng/ul	135147	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	87
2	Butanoic acid, ethyl ester	116	C6H12O2	000105-54-4	72
3	Butanoic acid, ethyl ester	116	C6H12O2	000105-54-4	55
4	Butanoic acid, ethyl ester	116	C6H12O2	000105-54-4	43
5	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061819\
Data File : BM021009.D
Acq On : 18 Jun 2019 13:31
Operator : HP/JU
Sample : K3353-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0JS9

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

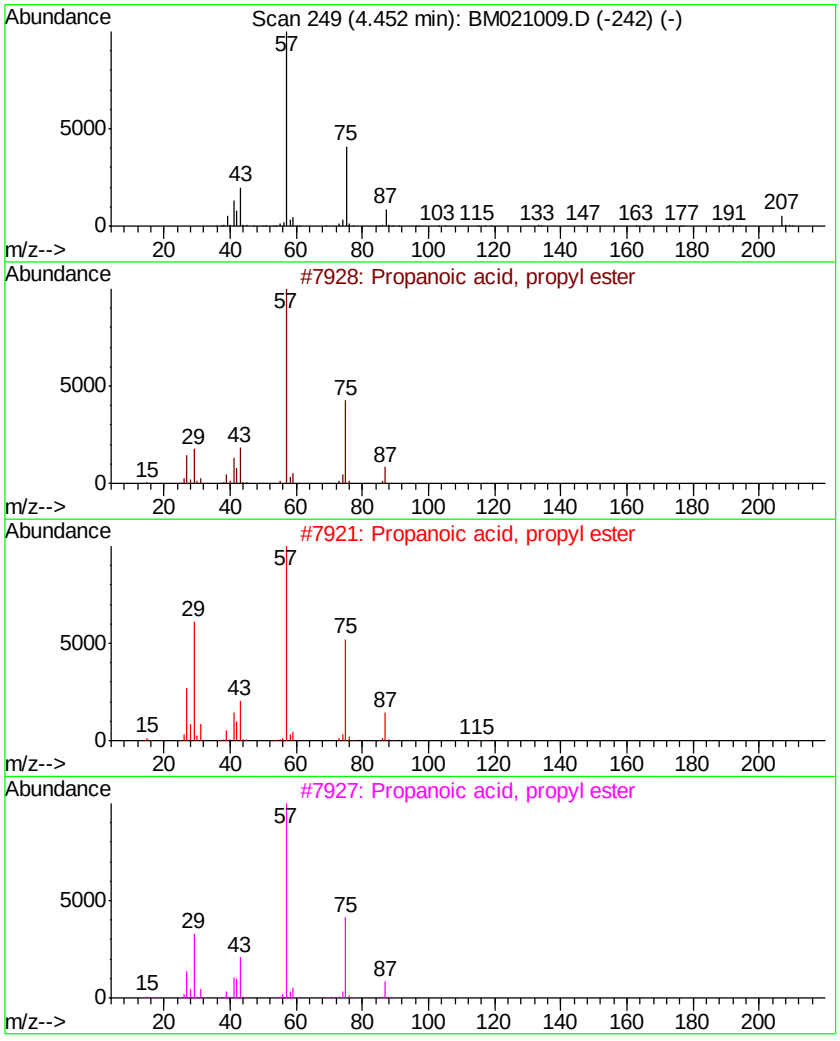
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

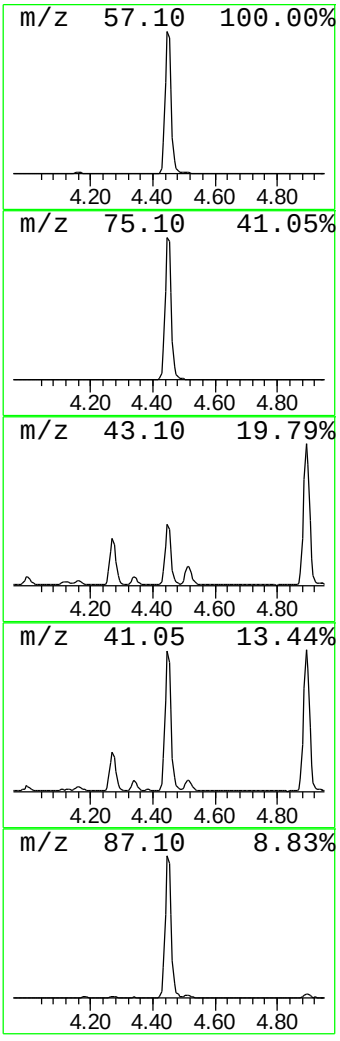
****

Peak Number 5 Propanoic acid, propyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.45	33.40 ng/ul	2172470	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	64
2	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	64
3	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	59
4	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	59
5	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	23





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061819\
Data File : BM021009.D
Acq On : 18 Jun 2019 13:31
Operator : HP/JU
Sample : K3353-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0JS9

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

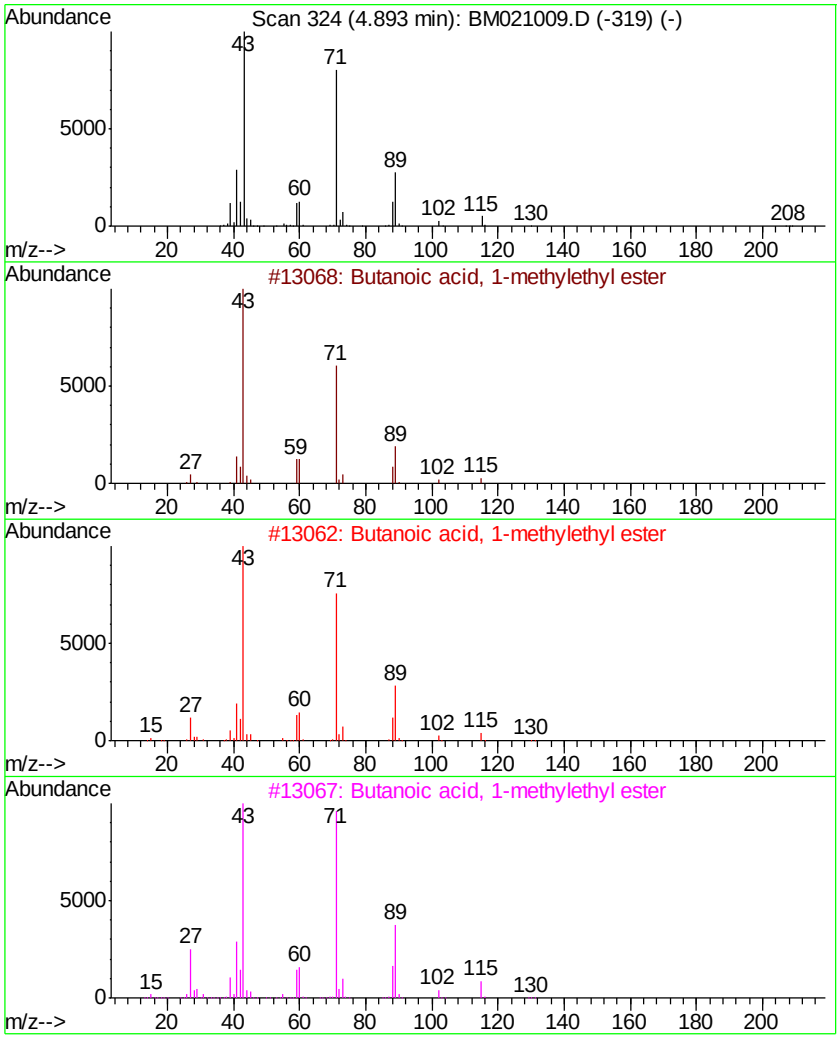
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

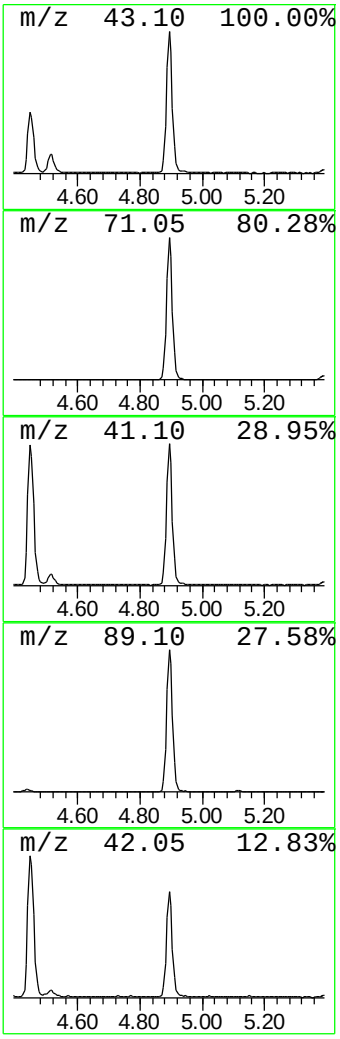
****

Peak Number 6 Butanoic acid, 1-methylethy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.89	20.51 ng/ul	1333980	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	56
5	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061819\
Data File : BM021009.D
Acq On : 18 Jun 2019 13:31
Operator : HP/JU
Sample : K3353-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0JS9

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

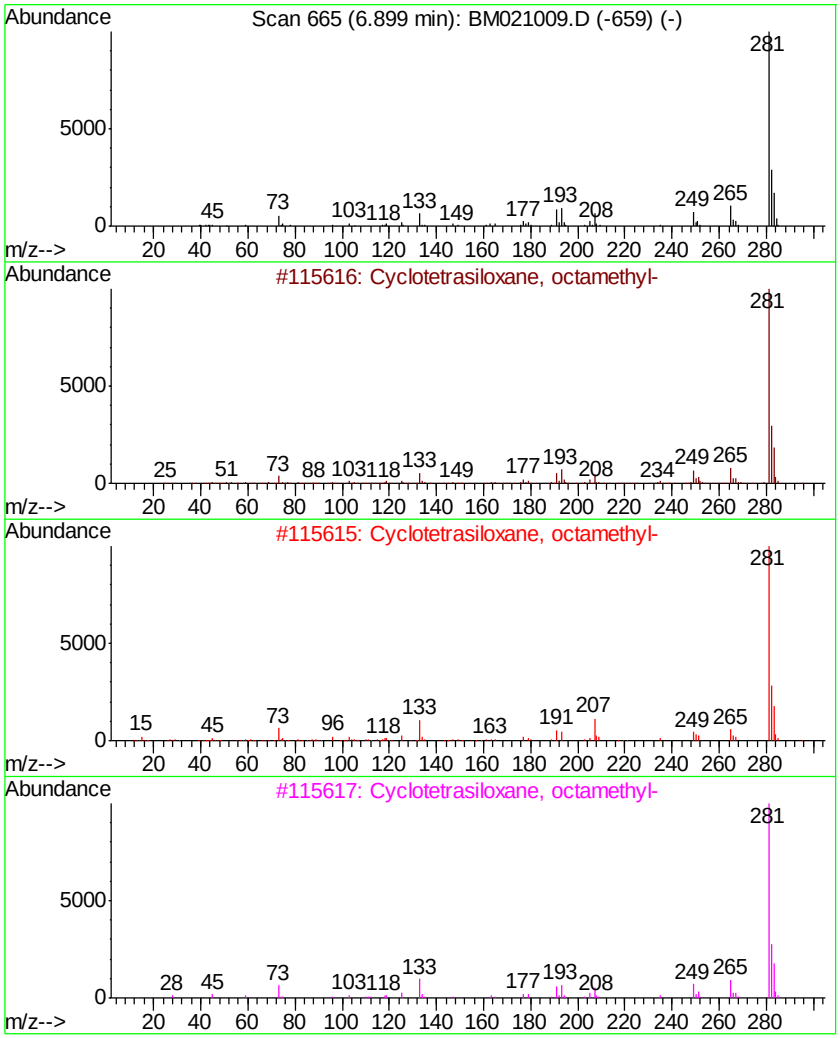
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

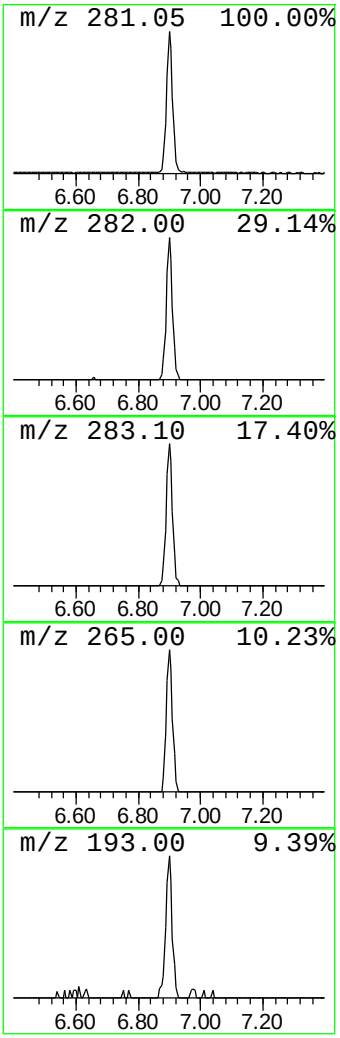
****

Peak Number 7 Cyclotetrasiloxane, octamet... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	3.57 ng/ul	232453	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	91
2	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	90
3	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	87
4	5-(p-Aminophenyl)-4-(p-tolyl)-2-...	281	C16H15N3S	094460-46-5	59
5	7H-Dibenzo[b,g]carbazole, 7-methyl-	281	C21H15N	003557-49-1	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM061819\
Data File : BM021009.D
Acq On : 18 Jun 2019 13:31
Operator : HP/JU
Sample : K3353-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0JS9

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	50.8	ng/ul	3303170	1	7.79	1300810	20.0
Propanoic acid, 1...	3.74	6.9	ng/ul	448950	1	7.79	1300810	20.0
Propanoic acid, 2...	4.27	4.7	ng/ul	303147	1	7.79	1300810	20.0
Butanoic acid, et...	4.34	2.1	ng/ul	135147	1	7.79	1300810	20.0
Propanoic acid, p...	4.45	33.4	ng/ul	2172470	1	7.79	1300810	20.0
Butanoic acid, 1-...	4.89	20.5	ng/ul	1333980	1	7.79	1300810	20.0
Cyclotetrasiloxan...	6.90	3.6	ng/ul	232453	1	7.79	1300810	20.0