LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082815\
Data File : BG018524.D
Acq On : 28 Aug 2015 22:15
Operator : UM/MA
Sample : G3448-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.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	2.890	5	9	14	rVB	51093	62833	3.64%	0.388%
2	3.113	42	47	54	rBV	55325	96665	5.60%	0.596%
3	3.184	54	59	75	rVB	1263451	1725946	100.00%	10.650%
4	3.442	101	103	106	rVB3	3415	4519	0.26%	0.028%
5	3.871	172	176	177	rBV4	2463	2843	0.16%	0.018%
6	3.965	189	192	196	rBV3	7203	9583	0.56%	0.059%
7	4.006	197	199	204	rVB4	2756	3873	0.22%	0.024%
8	4.100	209	215	216	rBV4	1788	3342	0.19%	0.021%
9	4.300	246	249	252	rVB5	3183	3586	0.21%	0.022%
10	4.500	279	283	287	rVB5	1558	2448	0.14%	0.015%
11	4.565	289	294	296	rVV5	2971	3919	0.23%	0.024%
12	5.105	382	386	391	rBV4	4083	6985	0.40%	0.043%
13	5.199	398	402	406	rVB4	2413	3018	0.17%	0.019%
14	6.286	584	587	589	rVB2	2455	2624	0.15%	0.016%
15	6.392	601	605	610	rBV3	2086	3762	0.22%	0.023%
16	7.167	729	737	746	rBV	157017	264759	15.34%	1.634%
17	7.332	756	765	776	rBV	131523	216213	12.53%	1.334%
18	7.538	793	800	809	rVB	151442	259600	15.04%	1.602%
19	7.802	839	845	847	rBV4	2875	4419	0.26%	0.027%
20	8.008	874	880	888	rVB	239165	390466	22.62%	2.409%
21	8.707	992	999	1009	rBV	199610	332511	19.27%	2.052%
22	8.783	1009	1012	1015	rVB3	3179	3218	0.19%	0.020%
23	8.836	1015	1021	1025	rBV4	3206	4969	0.29%	0.031%
24	8.889	1027	1030	1032	rBV2	2479	2487	0.14%	0.015%
25	9.077	1059	1062	1064	rBV	2002	2679	0.16%	0.017%
26	9.165	1071	1077	1084	rVB	156512	270180	15.65%	1.667%
27	9.888	1193	1200	1211	rVB	116619	201231	11.66%	1.242%
28	10.428	1285	1292	1301	rBV	220218	393630	22.81%	2.429%
29	10.816	1349	1358	1366	rVB	368968	659250	38.20%	4.068%
30	10.945	1371	1380	1390	rBV	183883	337966	19.58%	2.085%
31	11.039	1392	1396	1398	rBV3	2158	2574	0.15%	0.016%
32	11.697	1502	1508	1519	rBV7	12675	35428	2.05%	0.219%
33	12.015	1560	1562	1567	rVB4	2473	2841	0.16%	0.018%
34	13.002	1725	1730	1731	rBV2	2825	2948	0.17%	0.018%

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Instrument : BNA_G
ClientSampleId : C0AC4

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Title : SVOA CALIBRATION

35	13.049	1735	1738	1741	rBV3	3651	4978	0.29%	0.031%
36	13.248	1766	1772	1775	rVB2	6987	12033	0.70%	0.074%
37	13.384	1793	1795	1798	rVB2	2631	2420	0.14%	0.015%
38	13.701	1847	1849	1852	rVB3	2184	2435	0.14%	0.015%
39	13.760	1856	1859	1861	rBV2	2160	2744	0.16%	0.017%
40	14.036	1899	1906	1910	rBV	431788	606844	35.16%	3.745%
41	14.083	1910	1914	1920	rVB	172748	243176	14.09%	1.501%
42	14.330	1949	1956	1964	rVB	449907	684088	39.64%	4.221%
43	14.529	1985	1990	1994	rBV4	5153	8153	0.47%	0.050%
44	14.635	2001	2008	2016	rBV2	662368	1044631	60.53%	6.446%
45	14.817	2034	2039	2050	rBV2	168559	270069	15.65%	1.666%
46	14.958	2057	2063	2065	rBV6	4616	8258	0.48%	0.051%
47	14.976	2065	2066	2069	rVV3	6487	3657	0.21%	0.023%
48	15.046	2073	2078	2081	rBV6	9901	16663	0.97%	0.103%
49	15.229	2104	2109	2111	rBV4	1958	2919	0.17%	0.018%
50	15.428	2140	2143	2148	rVB5	5160	6188	0.36%	0.038%
51	15.481	2148	2152	2157	rBV2	10803	12396	0.72%	0.076%
52	15.628	2170	2177	2182	rBV	518778	774399	44.87%	4.779%
53	15.734	2189	2195	2202	rBV	132066	192249	11.14%	1.186%
54	15.863	2214	2217	2218	rBV3	3866	2969	0.17%	0.018%
55	16.274	2284	2287	2290	rBV5	1820	2572	0.15%	0.016%
56	16.339	2295	2298	2301	rBV2	12025	15648	0.91%	0.097%
57	16.415	2307	2311	2313	rBV4	3740	2905	0.17%	0.018%
58	16.456	2316	2318	2321	rBV4	2526	3482	0.20%	0.021%
59	16.586	2337	2340	2341	rBV	3212	2751	0.16%	0.017%
60	16.680	2355	2356	2358	rBV2	3428	2717	0.16%	0.017%
61	16.915	2392	2396	2398	rBV5	5245	6410	0.37%	0.040%
62	17.032	2412	2416	2418	rVB4	2041	2691	0.16%	0.017%
63	17.050	2418	2419	2423	rBV2	3815	3606	0.21%	0.022%
64	17.132	2427	2433	2437	rBV3	15934	21879	1.27%	0.135%
65	17.285	2456	2459	2461	rBV3	4257	4083	0.24%	0.025%
66	17.379	2468	2475	2482	rBV	916192	1365791	79.13%	8.428%
67	17.473	2485	2491	2497	rBV	494728	780990	45.25%	4.819%
68	17.567	2504	2507	2510	rBV6	3323	4348	0.25%	0.027%
69	17.872	2556	2559	2565	rVB2	11195	15553	0.90%	0.096%
70	17.925	2565	2568	2569	rBV3	3745	3695	0.21%	0.023%
71	18.014	2580	2583	2584	rBV3	3509	3362	0.19%	0.021%

LSC Area Percent Report

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

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
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Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Title : SVOA CALIBRATION

72	18.266	2622	2626	2630	rBV4	54044	77618	4.50%	0.479%
73	18.513	2666	2668	2671	rBV3	2618	2485	0.14%	0.015%
74	18.560	2674	2676	2679	rVB4	4988	4833	0.28%	0.030%
75	18.601	2679	2683	2685	rBV5	4862	6082	0.35%	0.038%
76	18.795	2715	2716	2718	rBV2	3463	2835	0.16%	0.017%
77	19.095	2766	2767	2770	rBV3	4136	4434	0.26%	0.027%
78	19.429	2820	2824	2826	rVB2	10546	12147	0.70%	0.075%
79	19.535	2838	2842	2845	rBV5	16135	20522	1.19%	0.127%
80	19.682	2863	2867	2873	rVB	129657	138840	8.04%	0.857%
81	19.759	2874	2880	2890	rVB	540670	787795	45.64%	4.861%
82	20.722	3040	3044	3051	rVB2	107856	134864	7.81%	0.832%
83	21.639	3193	3200	3207	rBV	930131	1535113	88.94%	9.473%
84	24.606	3698	3705	3717	rVB	218873	548015	31.75%	3.382%
85	24.835	3735	3744	3755	rVB	533336	1463243	84.78%	9.029%

Sum of corrected areas: 16205893

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Instrument : BNA_G
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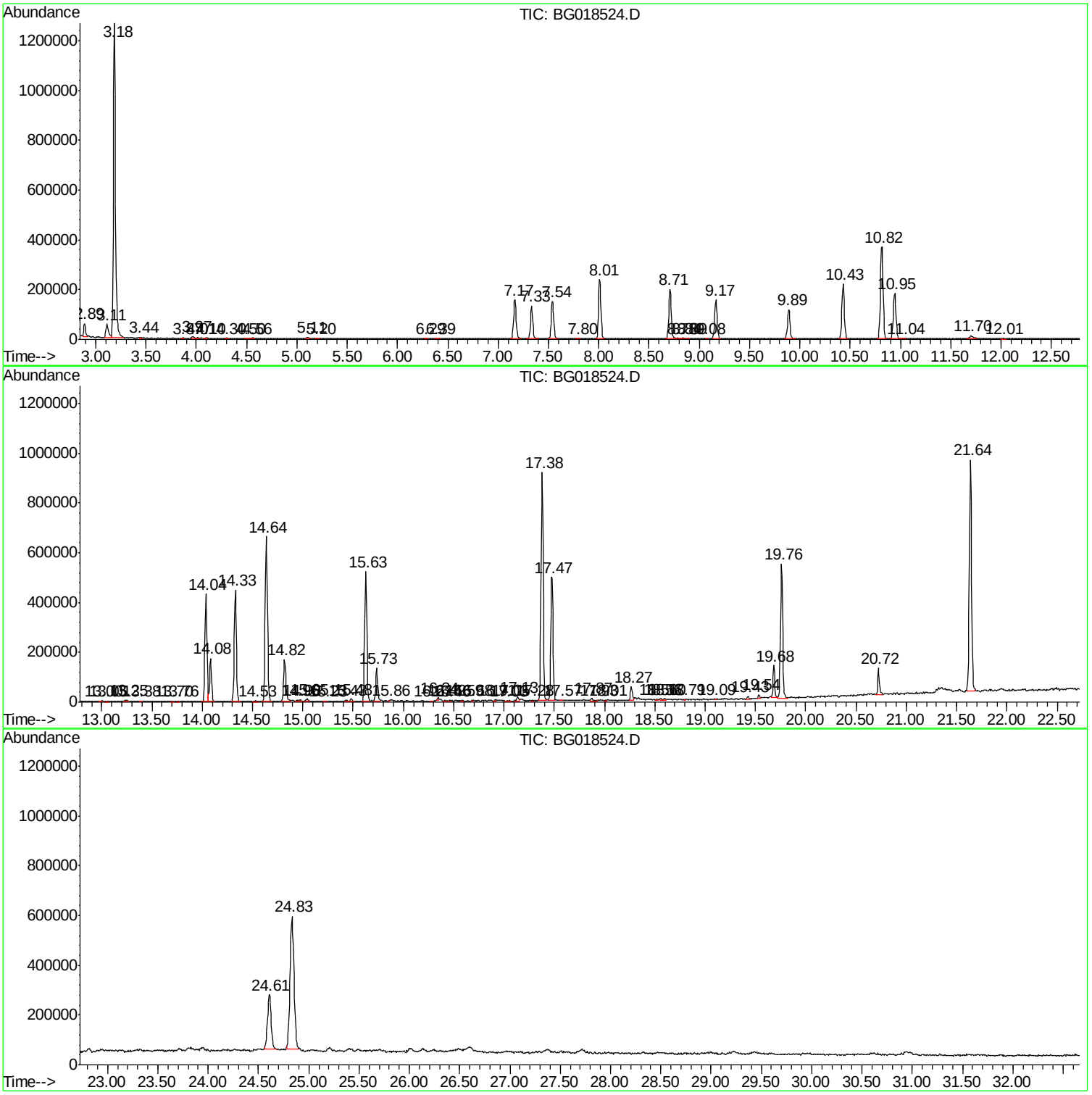
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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



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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

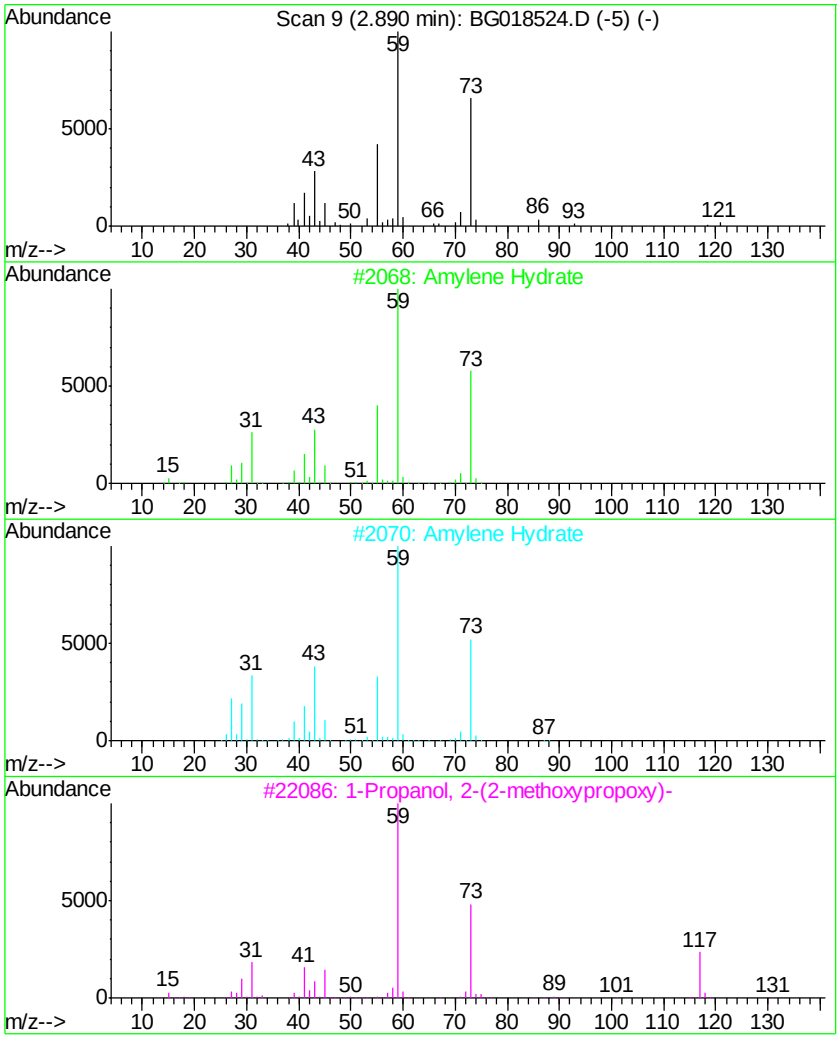
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

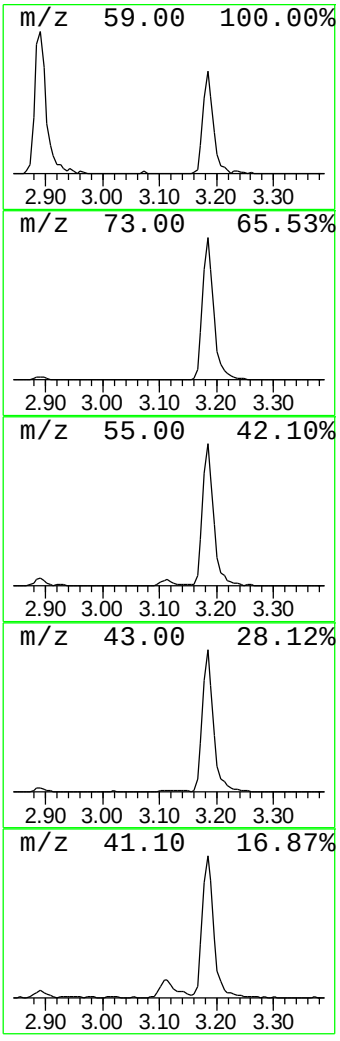
****

Peak Number 1 Amylene Hydrate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.89	3.22 ng/ul	62833	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Amylene Hydrate	88	C5H12O	000075-85-4	78
2	Amylene Hydrate	88	C5H12O	000075-85-4	72
3	1-Propanol, 2-(2-methoxypropoxy)-	148	C7H16O3	013588-28-8	50
4	Amylene Hydrate	88	C5H12O	000075-85-4	50
5	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	39





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Sample : G3448-05
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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

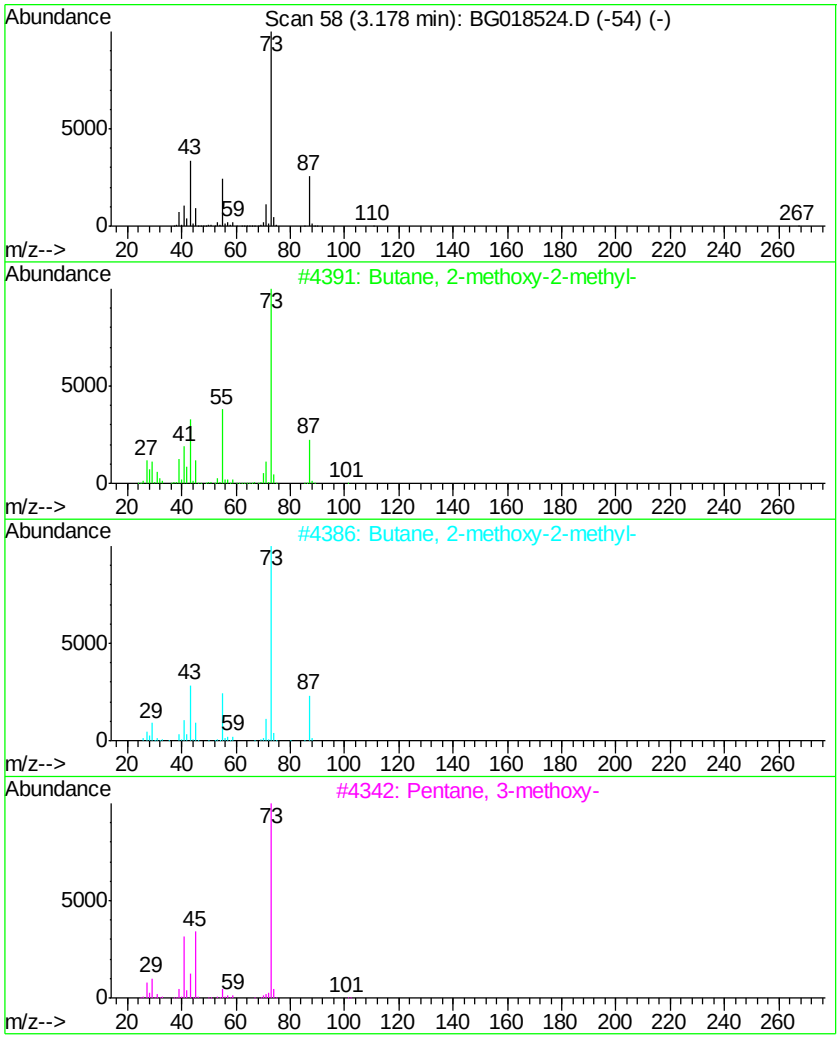
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

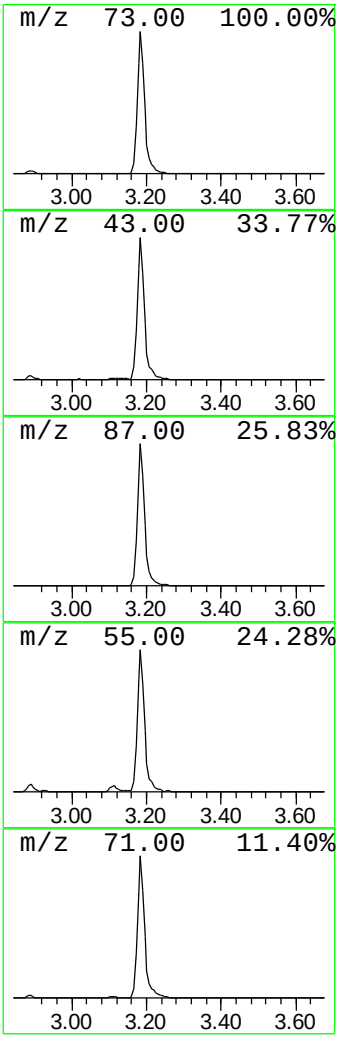
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	88.40 ng/ul	1725950	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Tentatively Identified Compound (LSC) summary

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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
Amylene Hydrate	2.89	3.2	ng/ul	62833	1	8.01	390466	20.0
Butane, 2-methoxy...	3.18	88.4	ng/ul	1725950	1	8.01	390466	20.0