LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092215\
Data File : BG018838.D
Acq On : 23 Sep 2015 4:48
Operator : UM/NP
Sample : G3758-19
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAA7

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-BG091015.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	2.882	4	7	22	rVB	89425	141965	4.80%	1.107%
2	3.017	25	30	32	rBV4	2251	3442	0.12%	0.027%
3	3.105	39	45	52	rBV	76595	144009	4.87%	1.123%
4	3.176	52	57	76	rVB	1962323	2956425	100.00%	23.049%
5	3.440	97	102	107	rVB6	4330	7242	0.24%	0.056%
6	3.957	187	190	195	rBV3	4481	6610	0.22%	0.052%
7	4.092	208	213	217	rBV2	3411	6456	0.22%	0.050%
8	4.286	242	246	249	rVB2	2756	3295	0.11%	0.026%
9	4.556	288	292	295	rBV3	3902	4617	0.16%	0.036%
10	5.097	377	384	394	rBV3	8198	16161	0.55%	0.126%
11	7.165	729	736	747	rBV	72265	133234	4.51%	1.039%
12	7.324	757	763	772	rVB	63895	105516	3.57%	0.823%
13	7.529	788	798	805	rBV	76894	132836	4.49%	1.036%
14	7.618	808	813	818	rVB4	2551	4224	0.14%	0.033%
15	7.794	839	843	850	rVB5	3243	7129	0.24%	0.056%
16	7.999	870	878	884	rBV	177599	295007	9.98%	2.300%
17	8.704	989	998	1007	rBV	78505	139541	4.72%	1.088%
18	8.816	1010	1017	1023	rBV	16952	28723	0.97%	0.224%
19	9.157	1067	1075	1082	rBV	72966	123607	4.18%	0.964%
20	9.574	1141	1146	1150	rBV2	4096	5283	0.18%	0.041%
21	9.880	1190	1198	1205	rBV	56800	100251	3.39%	0.782%
22	10.420	1284	1290	1300	rBV	93435	170605	5.77%	1.330%
23	10.802	1348	1355	1364	rVB	258170	457167	15.46%	3.564%
24	10.931	1371	1377	1386	rBV	76269	138903	4.70%	1.083%
25	12.982	1722	1726	1730	rVB2	3710	4619	0.16%	0.036%
26	13.229	1764	1768	1773	rVB3	5296	7831	0.26%	0.061%
27	13.446	1800	1805	1810	rVB4	4221	4254	0.14%	0.033%
28	14.022	1896	1903	1908	rBV	191556	291228	9.85%	2.271%
29	14.069	1908	1911	1920	rVB	119100	171694	5.81%	1.339%
30	14.151	1920	1925	1929	rVB5	3912	5817	0.20%	0.045%
31	14.316	1947	1953	1961	rBV	227730	357685	12.10%	2.789%
32	14.515	1982	1987	1990	rVB3	7893	10748	0.36%	0.084%
33	14.627	1997	2006	2014	rBV2	438820	714907	24.18%	5.574%
34	14.827	2035	2040	2053	rBV2	49993	99371	3.36%	0.775%

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Instrument : BNA_G
ClientSampleId : JHAA7

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-BG091015.M
Title : SVOA CALIBRATION

35	14.974	2062	2065	2069	rVB5	3407	4153	0.14%	0.032%
36	15.032	2069	2075	2079	rBV6	6243	11223	0.38%	0.087%
37	15.126	2087	2091	2097	rBV6	3526	7066	0.24%	0.055%
38	15.408	2137	2139	2144	rBV4	5145	6964	0.24%	0.054%
39	15.461	2144	2148	2152	rVB2	13645	19050	0.64%	0.149%
40	15.614	2168	2174	2180	rBV	328304	474190	16.04%	3.697%
41	15.732	2188	2194	2198	rBV	26069	41759	1.41%	0.326%
42	15.867	2211	2217	2221	rBV6	8217	17689	0.60%	0.138%
43	15.967	2231	2234	2236	rBV4	3825	4611	0.16%	0.036%
44	16.225	2272	2278	2280	rBV6	1948	3160	0.11%	0.025%
45	16.319	2290	2294	2297	rBV2	18995	27377	0.93%	0.213%
46	16.348	2297	2299	2304	rVB3	14789	15977	0.54%	0.125%
47	16.501	2323	2325	2329	rVB5	4448	6142	0.21%	0.048%
48	16.724	2361	2363	2366	rVB4	4316	4817	0.16%	0.038%
49	16.824	2377	2380	2385	rBV7	3983	7350	0.25%	0.057%
50	16.889	2387	2391	2393	rBV5	3314	5218	0.18%	0.041%
51	17.112	2423	2429	2434	rBV2	20985	35430	1.20%	0.276%
52	17.171	2434	2439	2442	rVB6	7872	16644	0.56%	0.130%
53	17.265	2453	2455	2460	rVB6	3530	4352	0.15%	0.034%
54	17.365	2466	2472	2479	rVV2	632299	948153	32.07%	7.392%
55	17.465	2483	2489	2497	rVB	354825	527848	17.85%	4.115%
56	17.547	2502	2503	2507	rVB4	5644	4894	0.17%	0.038%
57	17.582	2507	2509	2512	rBV4	3566	4005	0.14%	0.031%
58	17.653	2516	2521	2525	rVV7	3713	6986	0.24%	0.054%
59	17.853	2551	2555	2558	rBV3	15448	19689	0.67%	0.154%
60	18.205	2614	2615	2618	rBV3	2570	3089	0.10%	0.024%
61	18.252	2619	2623	2626	rVV6	12155	15824	0.54%	0.123%
62	18.540	2669	2672	2675	rBV5	7722	12252	0.41%	0.096%
63	18.799	2714	2716	2717	rBV2	4364	3199	0.11%	0.025%
64	18.940	2736	2740	2742	rBV5	3266	5806	0.20%	0.045%
65	19.045	2755	2758	2761	rBV4	7283	9654	0.33%	0.075%
66	19.098	2765	2767	2770	rVB3	6960	5956	0.20%	0.046%
67	19.333	2804	2807	2808	rBV3	4917	4416	0.15%	0.034%
68	19.415	2818	2821	2825	rVB2	12971	14790	0.50%	0.115%
69	19.639	2857	2859	2861	rBV3	4818	5226	0.18%	0.041%
70	19.662	2861	2863	2868	rVB4	25858	28174	0.95%	0.220%
71	19.750	2872	2878	2887	rVV	406637	613784	20.76%	4.785%

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Instrument : BNA_G
ClientSampleId : JHAA7

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

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Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Title : SVOA CALIBRATION

72	20.073	2931	2933	2936	rBV4	6657	8976	0.30%	0.070%
73	20.702	3038	3040	3044	rVB5	20069	20515	0.69%	0.160%
74	20.767	3049	3051	3055	rVB4	15010	15780	0.53%	0.123%
75	21.266	3133	3136	3141	rBV4	37775	43604	1.47%	0.340%
76	21.625	3190	3197	3209	rBV	760728	1234023	41.74%	9.621%
77	21.807	3226	3228	3231	rVB3	19877	13585	0.46%	0.106%
78	24.592	3694	3702	3710	rBV	181861	473736	16.02%	3.693%
79	24.815	3730	3740	3752	rVB3	450338	1264600	42.77%	9.859%
80	31.002	4791	4793	4794	rBV2	7884	4354	0.15%	0.034%

Sum of corrected areas: 12826492

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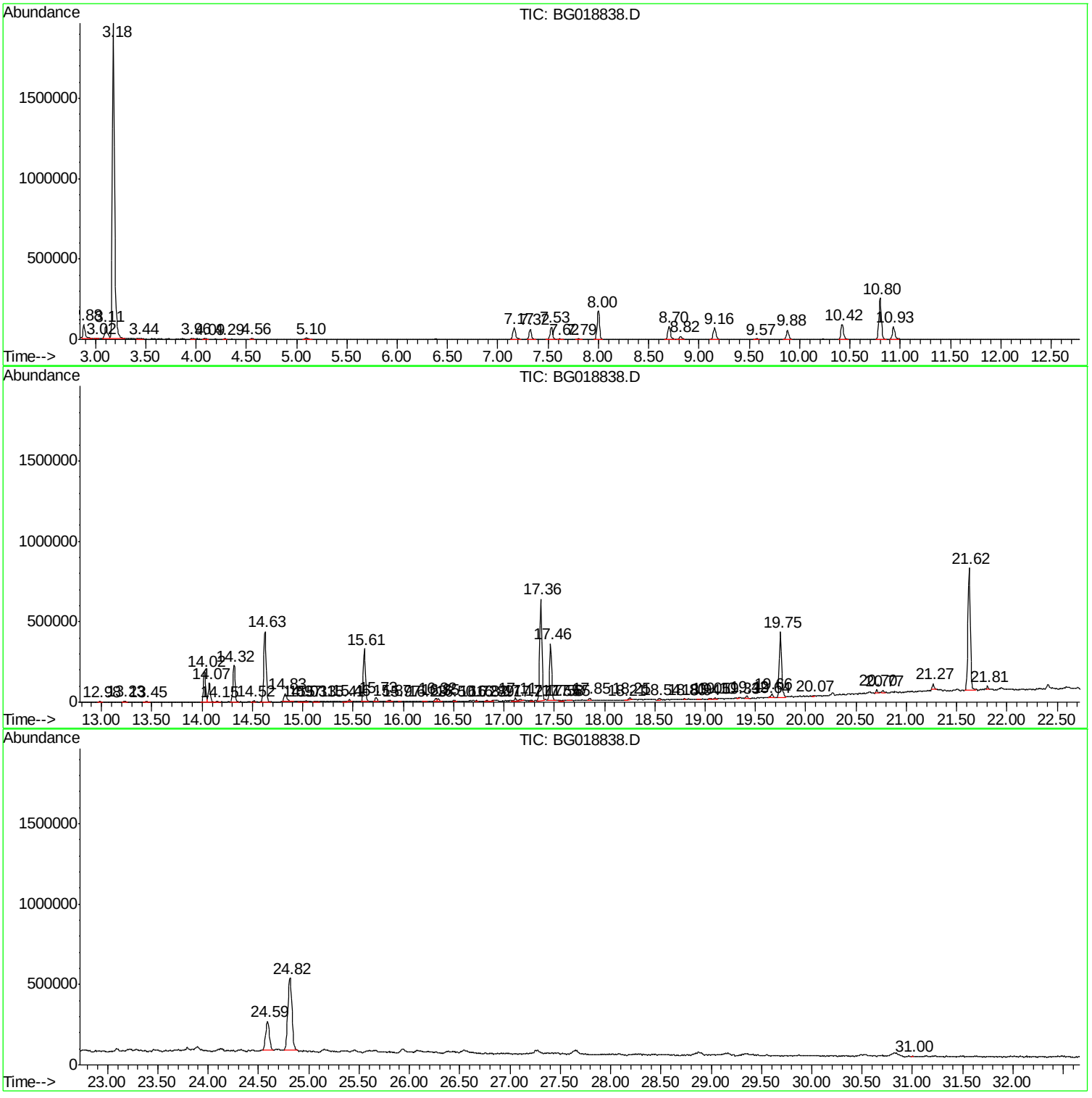
Instrument : BNA_G
ClientSampleId : JHAA7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092215\
Data File : BG018838.D
Acq On : 23 Sep 2015 4:48
Operator : UM/NP
Sample : G3758-19
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAA7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

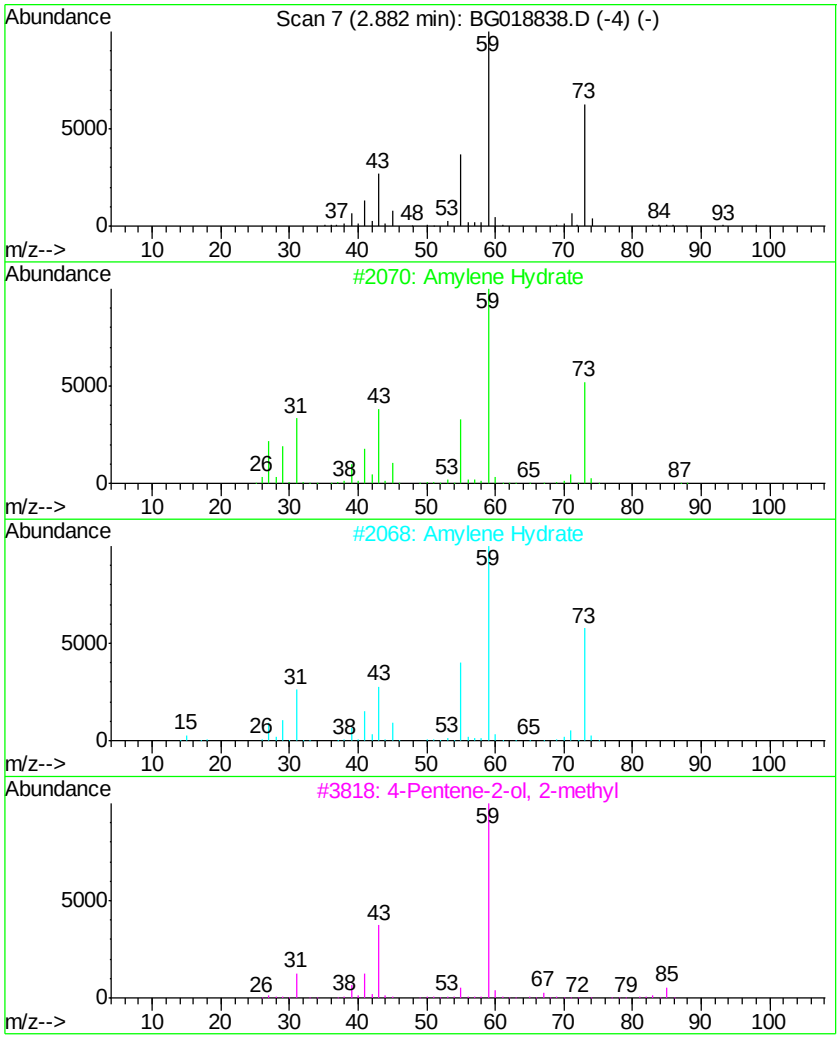
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

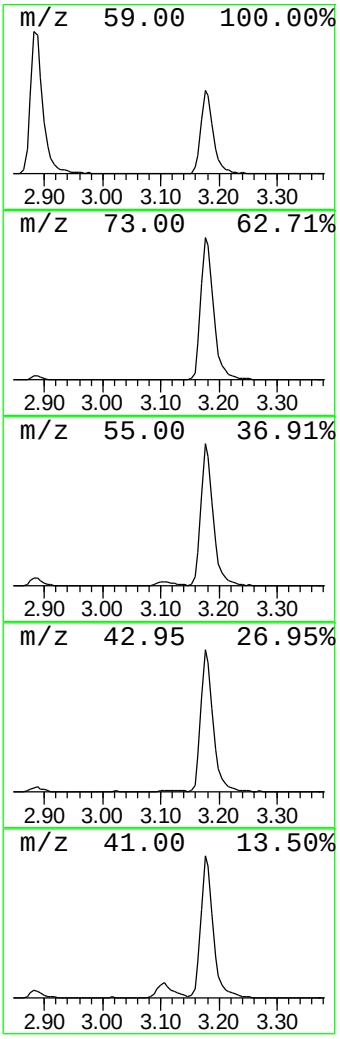
****

Peak Number 1 Amylene Hydrate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.88	9.62 ng/ul	141965	1,4-Dichlorobenzene-d4	8.00

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	64
3	4-Pentene-2-ol, 2-methyl	100	C6H12O	000624-97-5	42
4	Amylene Hydrate	88	C5H12O	000075-85-4	40
5	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	38





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAA7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

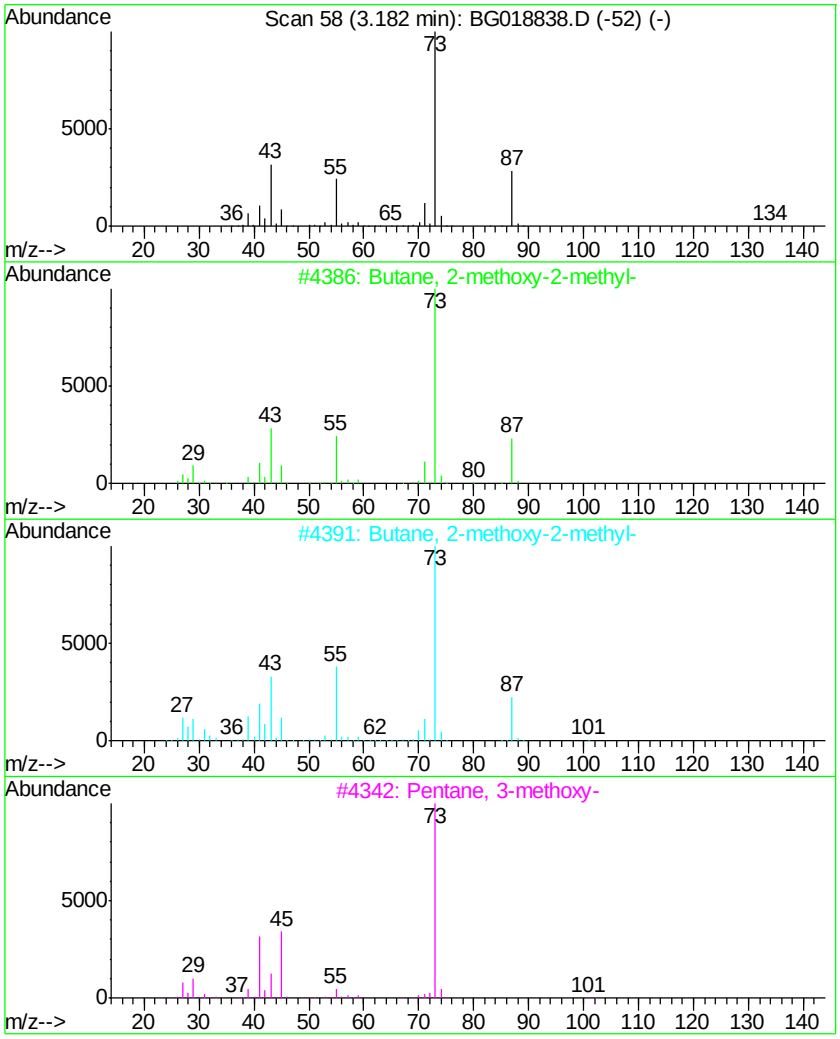
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

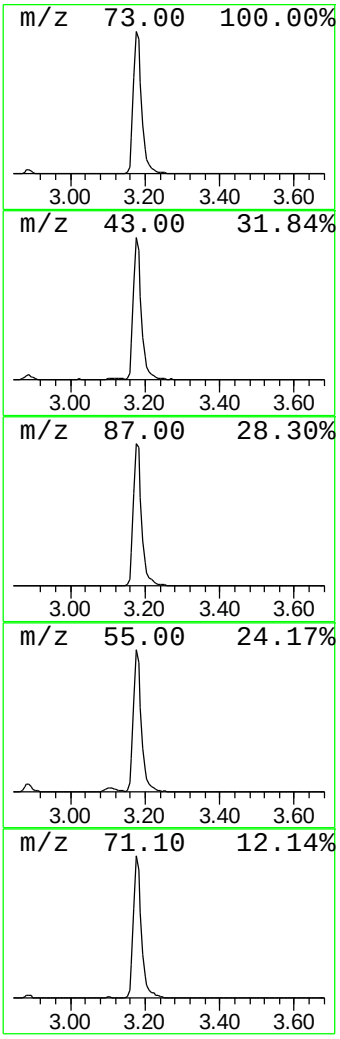
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	200.43 ng/ul	2956430	1,4-Dichlorobenzene-d4	8.00

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	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Amylene Hydrate	2.88	9.6	ng/ul	141965	1	8.00	295007	20.0
Butane, 2-methoxy...	3.18	200.4	ng/ul	2956430	1	8.00	295007	20.0