

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092115\
 Data File : BG018805.D
 Acq On : 22 Sep 2015 5:29
 Operator : TP
 Sample : G3731-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AR2

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 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	2.884	5	8	20	rVB2	24976	43922	2.42%	0.291%
2	3.102	40	45	53	rBV	58160	100706	5.55%	0.668%
3	3.178	53	58	72	rVB	712574	994168	54.81%	6.593%
4	3.442	101	103	107	rVB4	2599	3236	0.18%	0.021%
5	4.189	226	230	232	rBV4	1882	2314	0.13%	0.015%
6	7.162	731	736	746	rVB	29513	50382	2.78%	0.334%
7	7.320	757	763	774	rVB	140232	226020	12.46%	1.499%
8	7.532	791	799	810	rBV	125418	210605	11.61%	1.397%
9	7.996	872	878	886	rBV	138874	236330	13.03%	1.567%
10	8.060	886	889	891	rVB4	3171	3799	0.21%	0.025%
11	8.701	992	998	1005	rBV	92770	158623	8.75%	1.052%
12	9.153	1068	1075	1084	rBV2	146283	265594	14.64%	1.761%
13	9.882	1191	1199	1208	rBV	122737	215445	11.88%	1.429%
14	10.422	1284	1291	1299	rBV	186976	325834	17.97%	2.161%
15	10.798	1348	1355	1364	rVB	210722	368572	20.32%	2.444%
16	14.024	1897	1904	1911	rBV	448594	654510	36.09%	4.341%
17	14.318	1946	1954	1967	rBV	513332	793418	43.75%	5.262%
18	14.623	1999	2006	2015	rVB2	364932	591604	32.62%	3.924%
19	14.829	2034	2041	2050	rBV2	26984	52815	2.91%	0.350%
20	15.205	2098	2105	2106	rBV3	4135	8122	0.45%	0.054%
21	15.217	2106	2107	2112	rVB3	2541	3784	0.21%	0.025%
22	15.616	2168	2175	2184	rVB	730287	1101320	60.72%	7.304%
23	15.728	2188	2194	2205	rBV	181823	278165	15.34%	1.845%
24	15.857	2211	2216	2221	rVB3	7680	11601	0.64%	0.077%
25	16.568	2333	2337	2339	rBV4	2097	2617	0.14%	0.017%
26	17.150	2434	2436	2442	rVB3	4289	4902	0.27%	0.033%
27	17.367	2466	2473	2480	rBV	578341	855794	47.18%	5.676%
28	17.467	2483	2490	2497	rBV2	912599	1374579	75.79%	9.116%
29	17.661	2522	2523	2528	rVB4	1936	2295	0.13%	0.015%
30	17.737	2532	2536	2537	rBV3	2297	2846	0.16%	0.019%
31	18.113	2597	2600	2602	rBV3	2218	2611	0.14%	0.017%
32	18.325	2631	2636	2637	rBV3	2992	3843	0.21%	0.025%
33	18.736	2702	2706	2709	rVB5	2122	3241	0.18%	0.021%
34	18.901	2730	2734	2737	rBV5	2456	4226	0.23%	0.028%

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35	19.353	2809	2811	2815	rBV5	2370	2991	0.16%	0.020%
36	19.582	2846	2850	2851	rBV3	3992	4363	0.24%	0.029%
37	19.612	2853	2855	2856	rVV2	3198	2355	0.13%	0.016%
38	19.635	2856	2859	2865	rVV	11213	15860	0.87%	0.105%
39	19.753	2872	2879	2886	rBV	1301545	1813704	100.00%	12.029%
40	19.935	2908	2910	2912	rBV3	2252	2281	0.13%	0.015%
41	20.135	2942	2944	2947	rBV3	2255	3038	0.17%	0.020%
42	20.258	2961	2965	2967	rVB5	3372	3131	0.17%	0.021%
43	20.334	2977	2978	2980	rBV2	4066	3039	0.17%	0.020%
44	20.516	3007	3009	3011	rBV3	2096	2291	0.13%	0.015%
45	20.640	3028	3030	3033	rVB3	2451	2287	0.13%	0.015%
46	20.840	3063	3064	3067	rBV3	3459	3666	0.20%	0.024%
47	21.086	3103	3106	3109	rBV6	4683	4927	0.27%	0.033%
48	21.163	3117	3119	3121	rVB3	4330	2945	0.16%	0.020%
49	21.186	3121	3123	3124	rBV2	3997	2508	0.14%	0.017%
50	21.345	3148	3150	3154	rVB5	4933	6415	0.35%	0.043%
51	21.627	3190	3198	3205	rBV	700531	1144611	63.11%	7.591%
52	21.797	3225	3227	3230	rBV4	3614	4864	0.27%	0.032%
53	22.062	3270	3272	3273	rBV2	3601	2914	0.16%	0.019%
54	22.144	3285	3286	3289	rVB3	3928	3298	0.18%	0.022%
55	22.402	3328	3330	3331	rBV2	4038	2402	0.13%	0.016%
56	22.420	3331	3333	3334	rVB2	4181	2492	0.14%	0.017%
57	22.867	3407	3409	3413	rVB4	4700	4131	0.23%	0.027%
58	22.996	3429	3431	3432	rBV2	2987	2094	0.12%	0.014%
59	23.701	3547	3551	3557	rVB7	8999	17146	0.95%	0.114%
60	23.871	3578	3580	3581	rBV2	4168	2976	0.16%	0.020%
61	23.965	3595	3596	3598	rBV2	4416	2536	0.14%	0.017%
62	24.130	3622	3624	3626	rBV3	2933	2366	0.13%	0.016%
63	24.200	3634	3636	3639	rVB4	3572	3210	0.18%	0.021%
64	24.265	3645	3647	3650	rBV4	5301	4585	0.25%	0.030%
65	24.406	3669	3671	3673	rBV3	3787	3246	0.18%	0.022%
66	24.594	3691	3703	3714	rBV2	629308	1739283	95.90%	11.535%
67	24.811	3729	3740	3754	rVB2	419770	1183170	65.24%	7.847%
68	25.440	3845	3847	3850	rVB4	3832	4191	0.23%	0.028%
69	25.746	3897	3899	3902	rVB4	3991	2979	0.16%	0.020%
70	25.928	3924	3930	3931	rBV6	8286	14845	0.82%	0.098%
71	26.175	3970	3972	3973	rBV2	3303	2820	0.16%	0.019%

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72	26.245	3983	3984	3986	rBV2	2883	2349	0.13%	0.016%
73	26.351	4000	4002	4004	rBV3	3541	2641	0.15%	0.018%
74	26.492	4024	4026	4029	rBV3	3766	3883	0.21%	0.026%
75	26.598	4042	4044	4047	rBV4	3687	4519	0.25%	0.030%
76	26.674	4055	4057	4060	rBV4	2953	3427	0.19%	0.023%
77	26.950	4100	4104	4106	rBV5	3670	5297	0.29%	0.035%
78	27.003	4111	4113	4115	rVB3	3421	2512	0.14%	0.017%
79	27.068	4122	4124	4126	rBV3	4212	3211	0.18%	0.021%
80	27.226	4149	4151	4152	rBV2	4437	3028	0.17%	0.020%
81	27.896	4263	4265	4267	rBV2	2766	2186	0.12%	0.014%
82	28.225	4319	4321	4322	rVB	4235	2344	0.13%	0.016%
83	28.313	4335	4336	4338	rBV2	4096	3360	0.19%	0.022%
84	28.360	4342	4344	4347	rVV3	2678	3092	0.17%	0.021%
85	28.442	4356	4358	4363	rBV5	2697	4436	0.24%	0.029%
86	28.736	4406	4408	4410	rBV2	3176	2348	0.13%	0.016%
87	29.447	4528	4529	4531	rBV2	3340	2744	0.15%	0.018%
88	29.676	4566	4568	4569	rVB2	3551	2176	0.12%	0.014%
89	29.905	4605	4607	4609	rBV3	3218	2758	0.15%	0.018%
90	30.399	4689	4691	4692	rBV2	2925	2579	0.14%	0.017%
91	30.505	4705	4709	4710	rBV4	2882	4299	0.24%	0.029%
92	30.816	4760	4762	4764	rBV3	4243	3055	0.17%	0.020%
93	31.016	4794	4796	4798	rBV3	3057	2401	0.13%	0.016%
94	31.445	4867	4869	4875	rVB8	3705	4275	0.24%	0.028%
95	31.598	4893	4895	4897	rVB3	4049	2190	0.12%	0.015%
96	31.797	4927	4929	4931	rBV2	3341	3044	0.17%	0.020%
97	31.821	4931	4933	4936	rVB4	4345	4275	0.24%	0.028%
98	31.850	4936	4938	4939	rBV	4139	3649	0.20%	0.024%
99	32.367	5022	5026	5027	rBV4	3944	5356	0.30%	0.036%
100	32.561	5057	5059	5060	rBV2	3764	2979	0.16%	0.020%

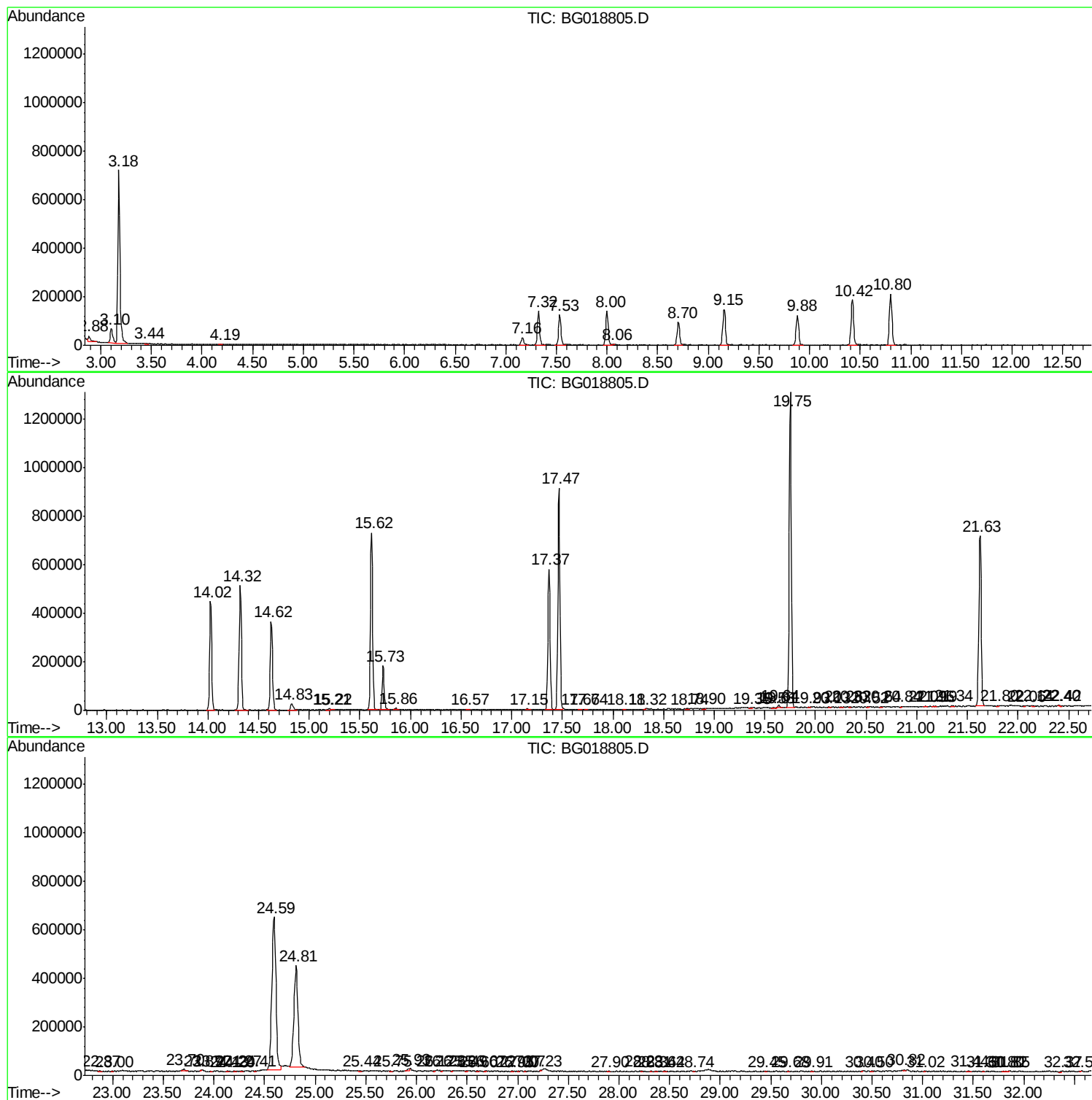
Sum of corrected areas: 15078216

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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



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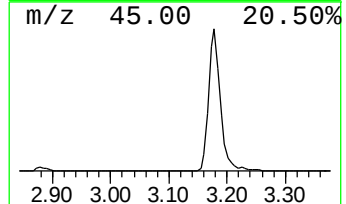
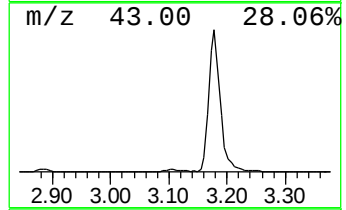
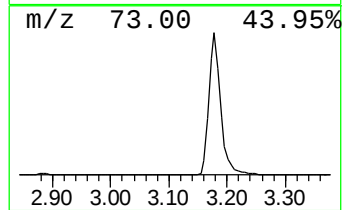
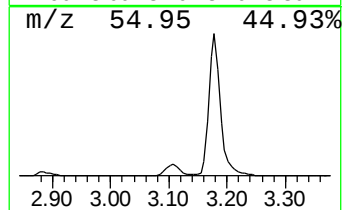
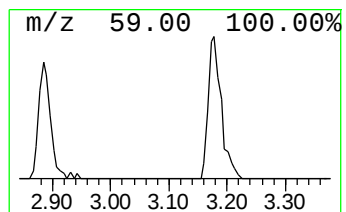
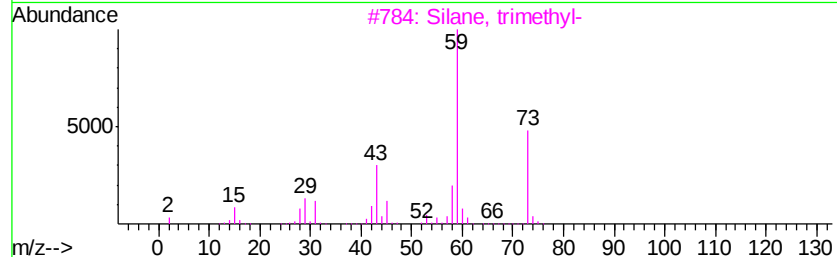
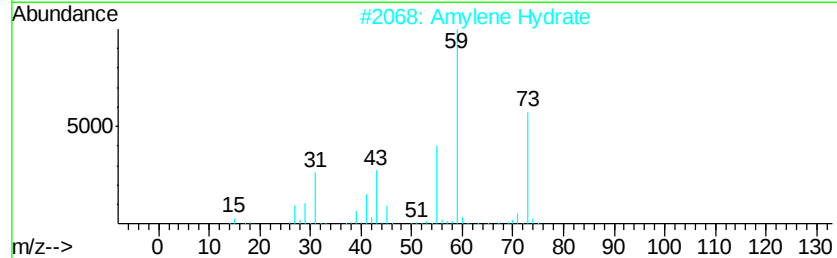
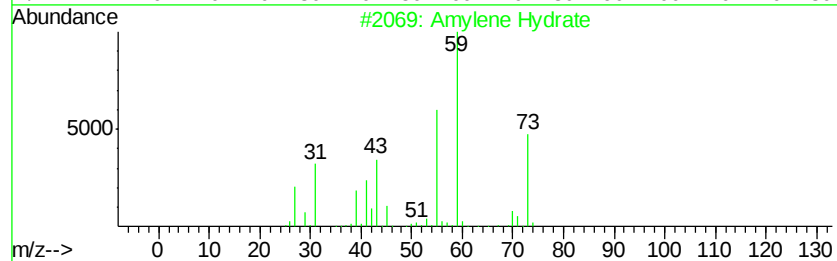
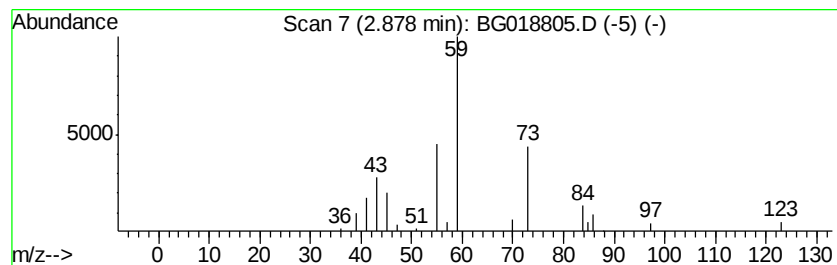
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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	3.72 ng/ul	43922	1,4-Dichlorobenzene-d4	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Amylene Hvdrate	88	C5H12O	000075-85-4	64
2		Amylene Hvdrate	88	C5H12O	000075-85-4	56
3		Silane, trimethyl-	74	C3H10Si	000993-07-7	50
4		1-Butanol, 3-methoxy-	104	C5H12O2	002517-43-3	40
5		2-Hexanol, 2,3-dimethyl-	130	C8H18O	019550-03-9	40



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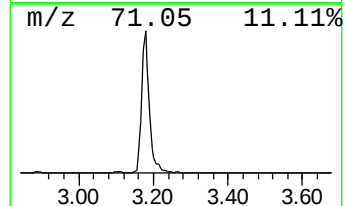
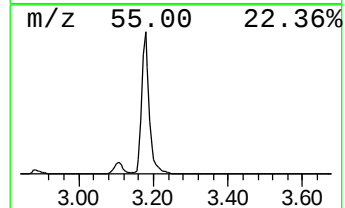
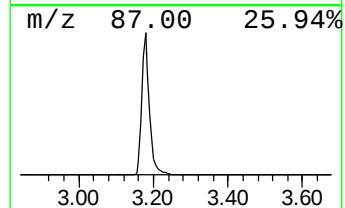
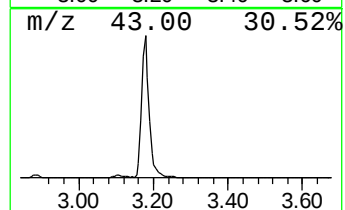
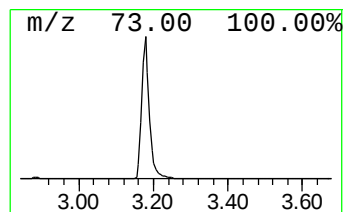
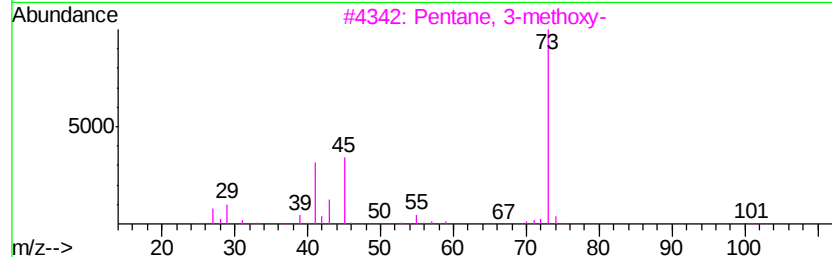
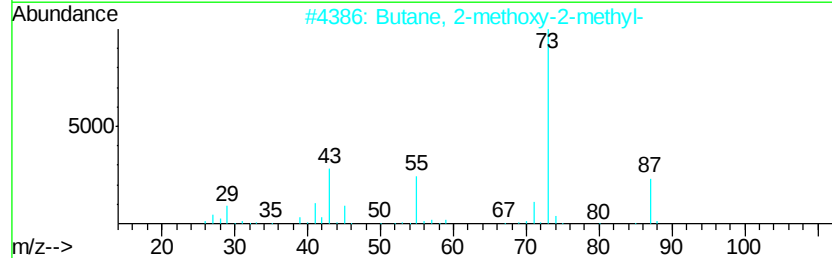
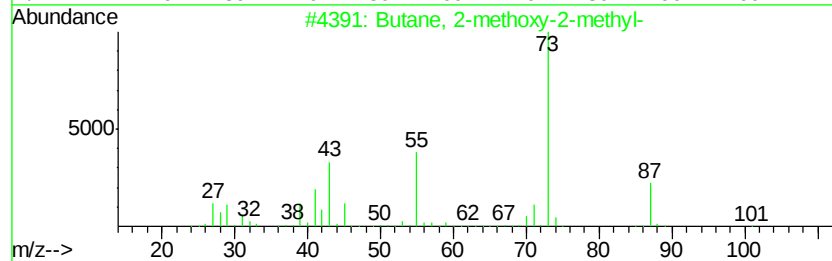
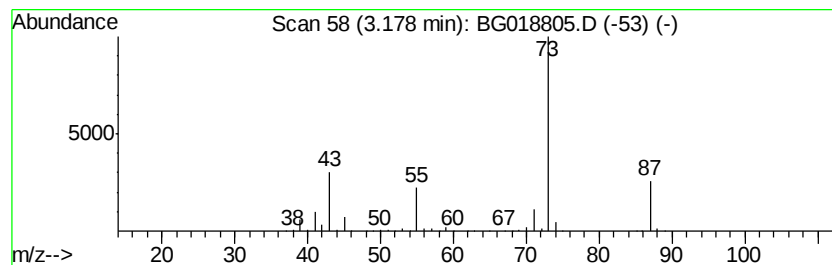
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	84.13 ng/ul	994168	1,4-Dichlorobenzene-d4	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Amylene Hydrate	2.88	3.7	ng/ul	43922	1	8.00	236330	20.0
Butane, 2-methoxy...	3.18	84.1	ng/ul	994168	1	8.00	236330	20.0