

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101615\
 Data File : BG019228.D
 Acq On : 16 Oct 2015 18:11
 Operator : UM/NP
 Sample : G3996-21
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LL0

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-BG101515.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	2.892	6	9	16	rVB2	8163	10706	1.72%	0.171%
2	3.110	41	46	54	rBV2	22043	35749	5.74%	0.572%
3	3.186	54	59	68	rVB	80274	106505	17.10%	1.704%
4	3.445	100	103	107	rVB2	2885	3793	0.61%	0.061%
5	3.733	151	152	155	rVB2	1141	863	0.14%	0.014%
6	4.191	225	230	237	rBV	17088	24329	3.91%	0.389%
7	4.385	260	263	267	rVB2	940	1171	0.19%	0.019%
8	4.420	267	269	273	rBV3	773	957	0.15%	0.015%
9	5.031	367	373	375	rBV2	722	1256	0.20%	0.020%
10	5.102	381	385	392	rVB4	4038	6048	0.97%	0.097%
11	5.395	432	435	438	rVB3	721	931	0.15%	0.015%
12	7.170	731	737	747	rVB	68471	114539	18.39%	1.833%
13	7.328	758	764	771	rVB	48360	75652	12.14%	1.211%
14	7.428	778	781	784	rBV2	628	858	0.14%	0.014%
15	7.540	793	800	807	rBV	63923	103583	16.63%	1.658%
16	7.910	861	863	868	rVB2	656	918	0.15%	0.015%
17	8.004	873	879	888	rVB	55510	89358	14.34%	1.430%
18	8.709	993	999	1007	rBV	87045	149149	23.94%	2.387%
19	9.162	1069	1076	1084	rBV	69257	120129	19.28%	1.922%
20	9.591	1145	1149	1153	rBV3	1007	1334	0.21%	0.021%
21	9.890	1192	1200	1208	rBV	63583	109022	17.50%	1.745%
22	10.431	1285	1292	1301	rBV	88534	156619	25.14%	2.506%
23	10.813	1348	1357	1364	rBV	86187	146744	23.56%	2.348%
24	10.942	1372	1379	1388	rBV	87982	156508	25.12%	2.505%
25	11.618	1491	1494	1497	rVB	677	868	0.14%	0.014%
26	12.393	1621	1626	1631	rBV4	1979	2672	0.43%	0.043%
27	12.992	1724	1728	1729	rBV	1257	1236	0.20%	0.020%
28	13.245	1767	1771	1775	rBV3	1572	2073	0.33%	0.033%
29	14.038	1900	1906	1911	rBV	197292	292768	47.00%	4.685%
30	14.085	1911	1914	1923	rVB	71230	94196	15.12%	1.507%
31	14.332	1949	1956	1963	rBV	193200	300540	48.25%	4.810%
32	14.532	1985	1990	1992	rBV2	2373	2904	0.47%	0.046%
33	14.638	2001	2008	2016	rVB2	145421	234785	37.69%	3.757%
34	14.837	2036	2042	2057	rBV	111637	182590	29.31%	2.922%

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35	15.049	2076	2078	2082	rBV2	952	954	0.15%	0.015%
36	15.213	2103	2106	2111	rBV	1039	1204	0.19%	0.019%
37	15.437	2139	2144	2147	rBV4	1505	2084	0.33%	0.033%
38	15.478	2147	2151	2157	rVB2	7198	10129	1.63%	0.162%
39	15.630	2170	2177	2183	rBV	272375	411845	66.11%	6.591%
40	15.742	2190	2196	2207	rVB	107908	158376	25.42%	2.535%
41	15.871	2212	2218	2219	rBV2	3140	4190	0.67%	0.067%
42	16.030	2243	2245	2249	rBV2	798	946	0.15%	0.015%
43	16.095	2253	2256	2260	rBV3	1187	1412	0.23%	0.023%
44	16.247	2279	2282	2285	rBV	654	1030	0.17%	0.016%
45	16.341	2293	2298	2301	rBV3	9757	13830	2.22%	0.221%
46	16.518	2325	2328	2331	rVB3	2029	2568	0.41%	0.041%
47	16.553	2331	2334	2336	rBV	938	962	0.15%	0.015%
48	16.688	2352	2357	2363	rBV3	1350	2648	0.43%	0.042%
49	16.741	2363	2366	2368	rBV3	905	1092	0.18%	0.017%
50	16.858	2381	2386	2390	rBV2	953	1420	0.23%	0.023%
51	16.917	2390	2396	2400	rBV2	901	1948	0.31%	0.031%
52	17.088	2417	2425	2426	rVB	603	1177	0.19%	0.019%
53	17.135	2429	2433	2437	rBV	11975	14260	2.29%	0.228%
54	17.187	2437	2442	2447	rVB2	3466	5872	0.94%	0.094%
55	17.381	2469	2475	2481	rBV	222139	330507	53.06%	5.289%
56	17.481	2484	2492	2498	rBV	337557	493087	79.16%	7.891%
57	17.605	2510	2513	2516	rBV2	966	1325	0.21%	0.021%
58	17.675	2524	2525	2529	rVB	1078	869	0.14%	0.014%
59	17.757	2535	2539	2543	rVB3	5218	6216	1.00%	0.099%
60	17.875	2555	2559	2564	rVB	6811	8294	1.33%	0.133%
61	18.081	2591	2594	2595	rBV2	1144	1057	0.17%	0.017%
62	18.151	2604	2606	2609	rVV2	947	997	0.16%	0.016%
63	18.180	2609	2611	2614	rVB2	862	1009	0.16%	0.016%
64	18.269	2623	2626	2633	rBV3	8526	13485	2.16%	0.216%
65	18.562	2673	2676	2685	rVB4	3094	4371	0.70%	0.070%
66	18.668	2688	2694	2695	rBV2	796	991	0.16%	0.016%
67	18.697	2695	2699	2704	rVV2	11312	13175	2.11%	0.211%
68	18.838	2720	2723	2725	rBV2	822	1119	0.18%	0.018%
69	18.944	2738	2741	2742	rBV2	769	934	0.15%	0.015%
70	19.121	2768	2771	2777	rBV5	2218	3918	0.63%	0.063%
71	19.191	2780	2783	2787	rVB3	2128	2968	0.48%	0.047%

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72	19.326	2803	2806	2808	rBV2	788	886	0.14%	0.014%
73	19.397	2814	2818	2823	rBV2	3737	5299	0.85%	0.085%
74	19.479	2829	2832	2833	rBV2	814	903	0.14%	0.014%
75	19.573	2846	2848	2850	rBV	864	870	0.14%	0.014%
76	19.661	2857	2863	2865	rBV	2834	5170	0.83%	0.083%
77	19.726	2871	2874	2875	rBV2	1207	1480	0.24%	0.024%
78	19.767	2875	2881	2889	rVV	442856	622933	100.00%	9.969%
79	19.826	2889	2891	2894	rVB3	1532	1458	0.23%	0.023%
80	20.155	2946	2947	2950	rBV3	895	1052	0.17%	0.017%
81	20.202	2951	2955	2959	rVV4	1136	1838	0.30%	0.029%
82	20.260	2964	2965	2967	rBV2	1427	1375	0.22%	0.022%
83	20.296	2969	2971	2978	rVB2	3167	4184	0.67%	0.067%
84	20.672	3033	3035	3037	rBV3	1614	1580	0.25%	0.025%
85	20.795	3049	3056	3059	rBV5	3904	8360	1.34%	0.134%
86	21.294	3136	3141	3147	rBV2	19814	31748	5.10%	0.508%
87	21.541	3181	3183	3185	rVB2	2958	2244	0.36%	0.036%
88	21.647	3195	3201	3207	rBV	280152	428425	68.78%	6.856%
89	22.287	3309	3310	3312	rBV2	2045	1154	0.19%	0.018%
90	22.763	3389	3391	3392	rBV	1931	1638	0.26%	0.026%
91	23.333	3483	3488	3493	rBV	14370	25765	4.14%	0.412%
92	23.727	3553	3555	3563	rVB5	3391	5429	0.87%	0.087%
93	24.632	3699	3709	3720	rVB	230934	618843	99.34%	9.903%
94	24.855	3736	3747	3762	rVB	143131	410578	65.91%	6.571%
95	26.012	3939	3944	3945	rBV5	5063	6170	0.99%	0.099%
96	27.041	4117	4119	4121	rBV2	1651	1678	0.27%	0.027%
97	27.434	4184	4186	4188	rBV2	1970	1079	0.17%	0.017%
98	29.538	4542	4544	4546	rBV3	2008	1606	0.26%	0.026%
99	32.534	5052	5054	5055	rBV	2415	1384	0.22%	0.022%

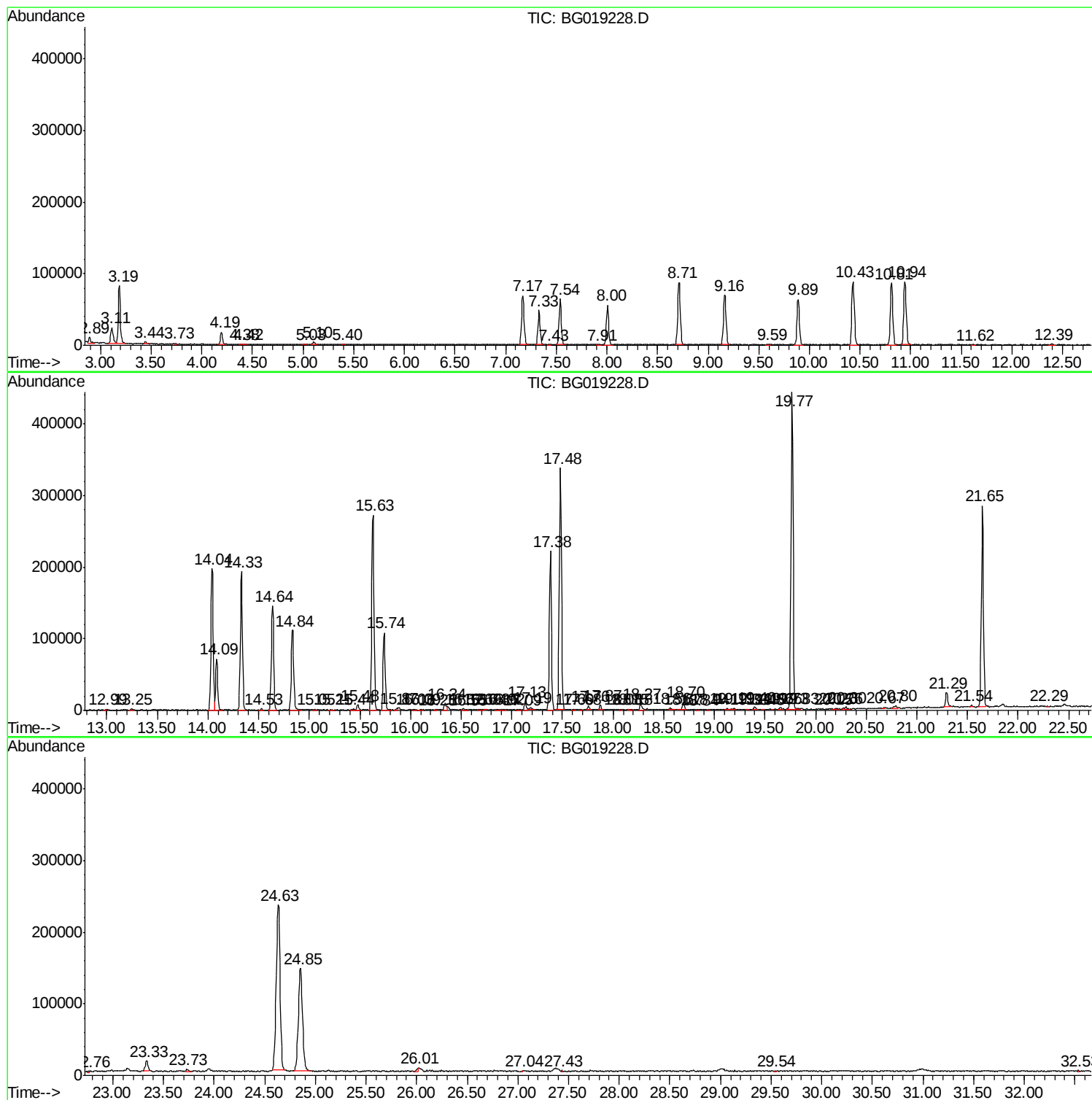
Sum of corrected areas: 6248751

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
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TIC Library : C:\DATABASE\NIST02.L
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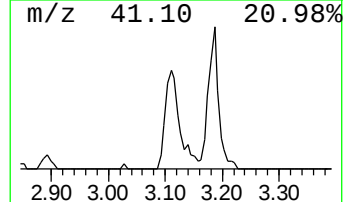
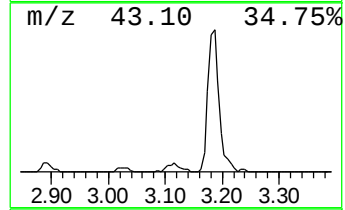
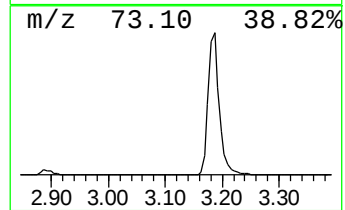
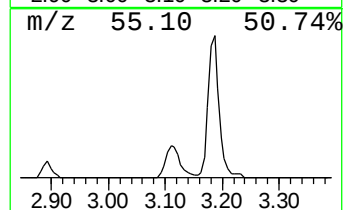
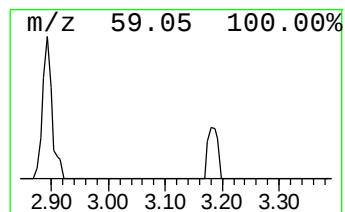
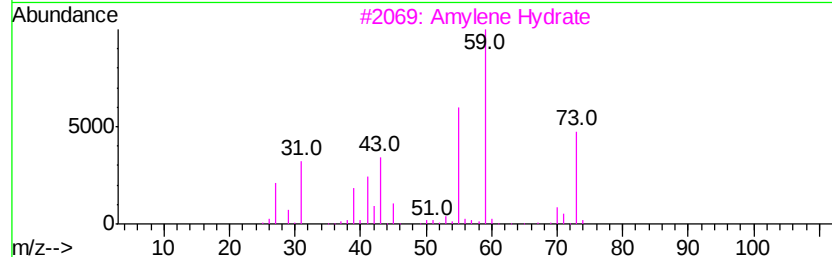
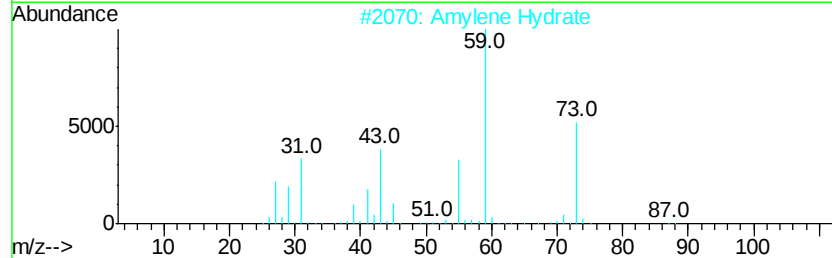
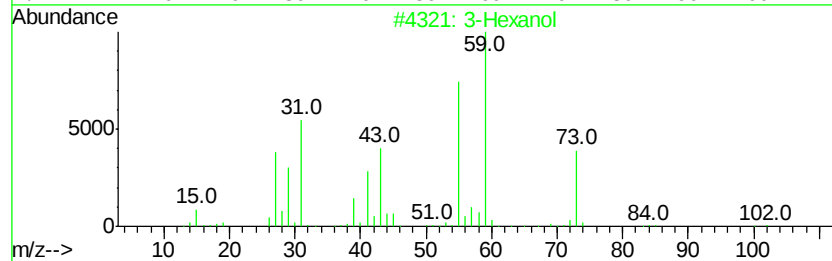
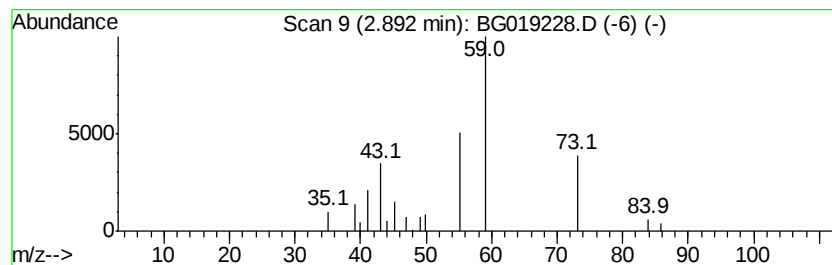
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.89	2.40 ng/ul	10706	1,4-Dichlorobenzene-d4	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Hexanol	102	C6H14O	000623-37-0	36
2		Amylene Hydrate	88	C5H12O	000075-85-4	9
3		Amylene Hydrate	88	C5H12O	000075-85-4	9
4		Acetaldoxime	59	C2H5NO	000107-29-9	4
5		3-Hexanol	102	C6H14O	000623-37-0	4



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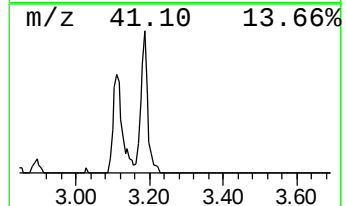
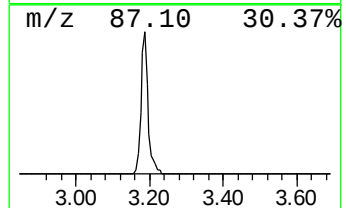
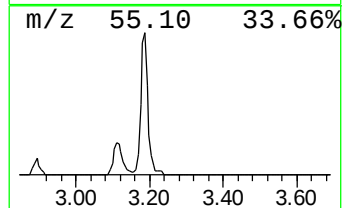
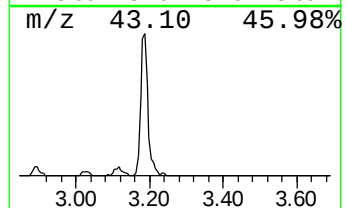
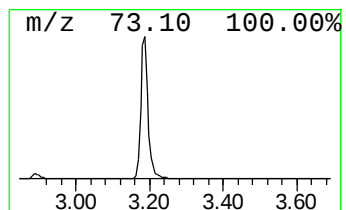
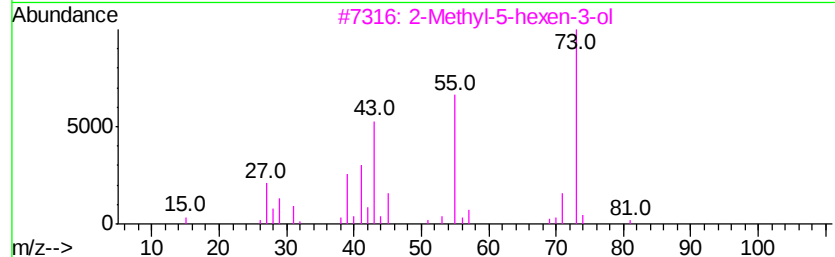
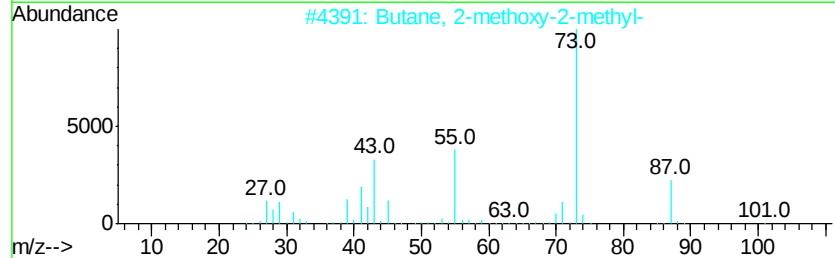
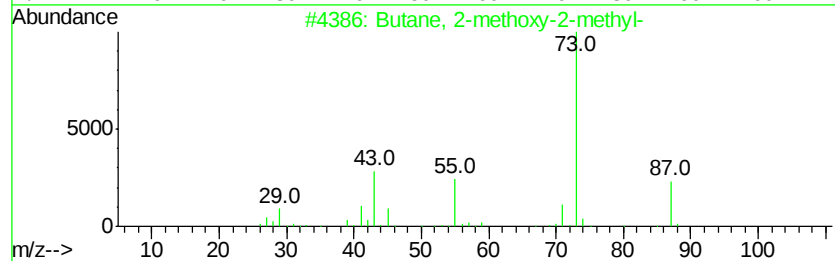
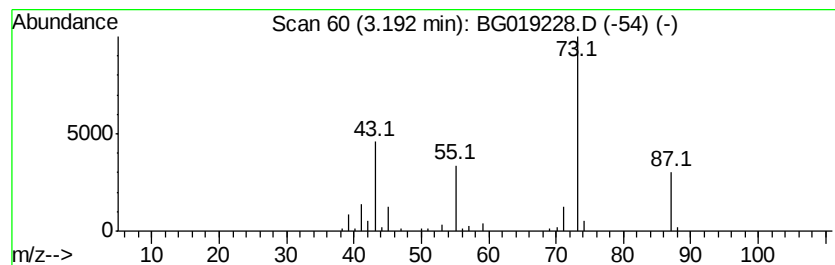
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	23.84 ng/ul	106505	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		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	40
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	10



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	2.89	2.4	ng/ul	10706	1	8.00	89358	20.0
Butane, 2-methoxy...	3.19	23.8	ng/ul	106505	1	8.00	89358	20.0