

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121615\
 Data File : BG020211.D
 Acq On : 16 Dec 2015 5:12
 Operator : UM/SJ
 Sample : G4786-21
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 G9C94

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-BG121415.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	3.122	43	48	57	rBV	48153	85298	10.48%	1.143%
2	3.198	57	61	70	rVB	32452	47780	5.87%	0.640%
3	3.710	146	148	152	rVB4	1629	1844	0.23%	0.025%
4	3.751	152	155	156	rBV3	1028	1219	0.15%	0.016%
5	5.173	392	397	402	rVB	9139	13069	1.61%	0.175%
6	5.290	415	417	420	rBV2	664	1042	0.13%	0.014%
7	5.701	483	487	492	rBV4	665	1216	0.15%	0.016%
8	6.312	588	591	594	rVV4	662	993	0.12%	0.013%
9	7.247	744	750	755	rBV	20510	33107	4.07%	0.443%
10	7.417	771	779	788	rBV	66893	110131	13.53%	1.475%
11	7.623	808	814	826	rVB	72848	123304	15.15%	1.652%
12	8.099	889	895	903	rVB	68968	114843	14.11%	1.538%
13	8.798	1007	1014	1021	rVB	67562	109194	13.42%	1.463%
14	9.262	1086	1093	1102	rVB	96486	166832	20.50%	2.235%
15	9.990	1209	1217	1224	rBV	82952	150113	18.44%	2.011%
16	10.531	1302	1309	1320	rVB	127773	226070	27.78%	3.028%
17	10.913	1367	1374	1381	rBV	109070	189344	23.26%	2.536%
18	11.048	1391	1397	1401	rBV3	4392	7259	0.89%	0.097%
19	12.493	1638	1643	1648	rBV4	1848	3171	0.39%	0.042%
20	13.069	1739	1741	1743	rVB	2616	1216	0.15%	0.016%
21	14.127	1914	1921	1928	rBV	292445	413543	50.81%	5.539%
22	14.421	1964	1971	1978	rVV	306812	476449	58.54%	6.382%
23	14.726	2017	2023	2031	rVB2	203704	335759	41.25%	4.497%
24	14.791	2031	2034	2037	rBV4	1010	1313	0.16%	0.018%
25	14.908	2049	2054	2067	rVB	20732	36390	4.47%	0.487%
26	15.126	2088	2091	2094	rBV3	1010	1228	0.15%	0.016%
27	15.449	2142	2146	2151	rVV3	1319	1842	0.23%	0.025%
28	15.508	2151	2156	2162	rVV3	2184	3573	0.44%	0.048%
29	15.713	2184	2191	2199	rVV	419483	648272	79.65%	8.683%
30	15.766	2199	2200	2204	rVV2	1486	1532	0.19%	0.021%
31	15.825	2204	2210	2222	rVV	144167	207338	25.47%	2.777%
32	15.954	2225	2232	2236	rVV2	4299	5721	0.70%	0.077%
33	16.483	2318	2322	2327	rVB3	834	1536	0.19%	0.021%
34	16.665	2350	2353	2356	rVB	982	1027	0.13%	0.014%

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35	16.929	2395	2398	2401	rBV	781	1062	0.13%	0.014%
36	17.112	2425	2429	2432	rVB	692	1088	0.13%	0.015%
37	17.394	2474	2477	2480	rVV	1020	1089	0.13%	0.015%
38	17.470	2483	2490	2496	rVV2	302901	456851	56.13%	6.119%
39	17.511	2496	2497	2500	rVV	2802	1941	0.24%	0.026%
40	17.570	2500	2507	2519	rVB	485505	731422	89.86%	9.797%
41	17.734	2532	2535	2539	rBV	1172	1604	0.20%	0.021%
42	18.339	2633	2638	2643	rVB3	1946	3583	0.44%	0.048%
43	18.416	2647	2651	2656	rVB	2001	2827	0.35%	0.038%
44	19.168	2776	2779	2783	rVB2	717	1116	0.14%	0.015%
45	19.485	2827	2833	2841	rBV3	4399	7132	0.88%	0.096%
46	19.603	2851	2853	2858	rBV3	1902	1779	0.22%	0.024%
47	19.744	2872	2877	2880	rVB3	4085	6238	0.77%	0.084%
48	19.849	2887	2895	2901	rBV	546538	813925	100.00%	10.902%
49	20.014	2921	2923	2925	rBV2	1240	1013	0.12%	0.014%
50	20.067	2928	2932	2933	rBV4	986	1175	0.14%	0.016%
51	20.131	2940	2943	2944	rBV	1583	1711	0.21%	0.023%
52	20.296	2967	2971	2974	rBV5	1562	1602	0.20%	0.021%
53	20.637	3027	3029	3031	rVV2	1000	1015	0.12%	0.014%
54	20.731	3043	3045	3050	rBV6	1133	2048	0.25%	0.027%
55	20.825	3059	3061	3062	rVB2	1741	1062	0.13%	0.014%
56	20.866	3062	3068	3072	rBV5	2343	5388	0.66%	0.072%
57	20.925	3076	3078	3083	rVB6	1489	2336	0.29%	0.031%
58	21.459	3165	3169	3170	rBV3	1499	1984	0.24%	0.027%
59	21.512	3176	3178	3180	rBV2	1743	1267	0.16%	0.017%
60	21.618	3193	3196	3199	rBV5	1801	2790	0.34%	0.037%
61	21.741	3210	3217	3224	rBV	307360	525237	64.53%	7.035%
62	21.912	3245	3246	3250	rVB3	2746	1786	0.22%	0.024%
63	22.164	3287	3289	3290	rBV2	1696	1064	0.13%	0.014%
64	22.364	3321	3323	3324	rBV2	1719	1081	0.13%	0.014%
65	22.593	3361	3362	3363	rBV	2934	1225	0.15%	0.016%
66	22.711	3381	3382	3384	rBV	1574	1187	0.15%	0.016%
67	22.905	3412	3415	3416	rBV2	1851	1740	0.21%	0.023%
68	23.157	3456	3458	3461	rBV3	1570	1510	0.19%	0.020%
69	23.234	3466	3471	3474	rBV6	3453	6492	0.80%	0.087%
70	23.340	3487	3489	3490	rBV2	1608	1074	0.13%	0.014%
71	23.357	3490	3492	3495	rVB5	2534	2248	0.28%	0.030%

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72	23.428	3501	3504	3505	rBV2	2735	2173	0.27%	0.029%
73	23.504	3515	3517	3519	rBV3	1947	1354	0.17%	0.018%
74	24.003	3600	3602	3605	rBV4	1751	1400	0.17%	0.019%
75	24.039	3605	3608	3609	rBV3	3408	3462	0.43%	0.046%
76	24.520	3688	3690	3693	rBV4	1480	1294	0.16%	0.017%
77	24.785	3724	3735	3751	rVB2	277900	782024	96.08%	10.475%
78	25.008	3760	3773	3784	rBV	178792	502272	61.71%	6.728%
79	25.590	3870	3872	3874	rVB3	1581	1053	0.13%	0.014%
80	26.166	3967	3970	3980	rVB8	7039	15140	1.86%	0.203%
81	26.283	3988	3990	3993	rVB2	2282	1648	0.20%	0.022%
82	26.318	3995	3996	3999	rVB3	2337	1696	0.21%	0.023%
83	26.882	4090	4092	4093	rVB2	1824	1045	0.13%	0.014%
84	27.446	4186	4188	4189	rVB2	2465	1420	0.17%	0.019%
85	27.458	4189	4190	4191	rBV	1967	1206	0.15%	0.016%
86	27.523	4196	4201	4202	rBV4	4043	5805	0.71%	0.078%
87	27.770	4241	4243	4244	rVB2	2219	1148	0.14%	0.015%
88	27.793	4244	4247	4248	rBV3	1650	1934	0.24%	0.026%
89	28.504	4364	4368	4371	rBV5	1615	2515	0.31%	0.034%
90	28.533	4371	4373	4375	rBV3	1638	1418	0.17%	0.019%
91	29.902	4604	4606	4607	rBV2	1571	1286	0.16%	0.017%
92	29.926	4608	4610	4612	rVB3	2254	1381	0.17%	0.018%
93	29.949	4612	4614	4615	rBV2	1728	1206	0.15%	0.016%
94	30.666	4734	4736	4738	rBV2	1244	979	0.12%	0.013%
95	30.878	4770	4772	4774	rBV2	1363	1405	0.17%	0.019%
96	31.007	4792	4794	4797	rVB4	1260	989	0.12%	0.013%
97	31.107	4810	4811	4814	rBV3	1281	1234	0.15%	0.017%
98	31.459	4869	4871	4872	rBV	2471	1788	0.22%	0.024%
99	31.501	4876	4878	4880	rBV3	1640	1628	0.20%	0.022%
100	31.553	4886	4887	4889	rBV2	1619	1491	0.18%	0.020%

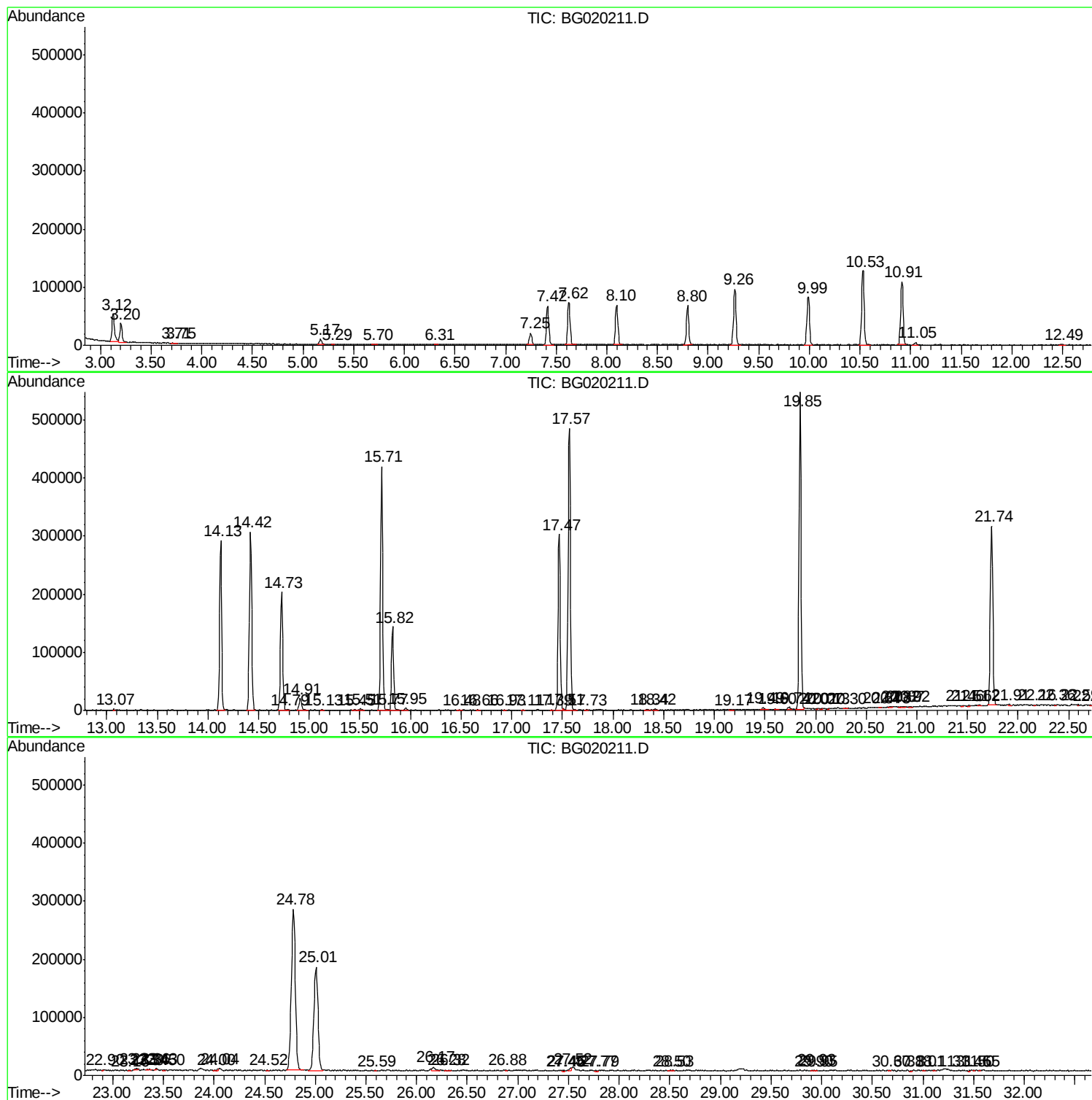
Sum of corrected areas: 7465654

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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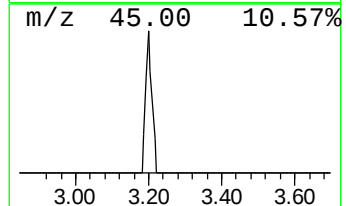
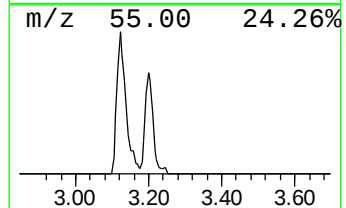
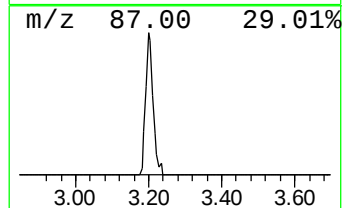
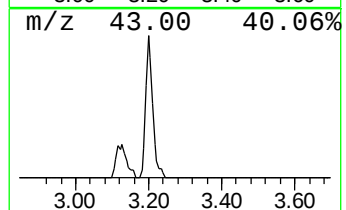
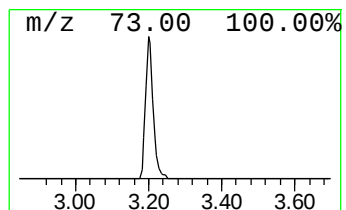
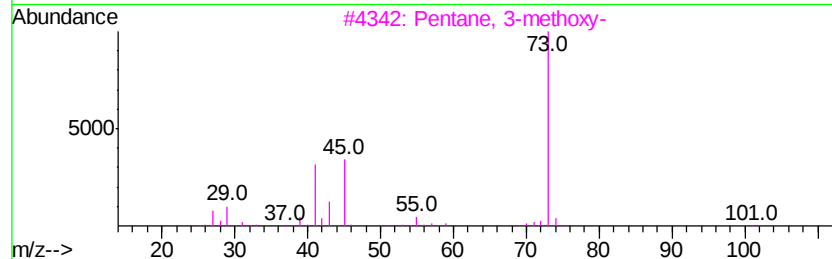
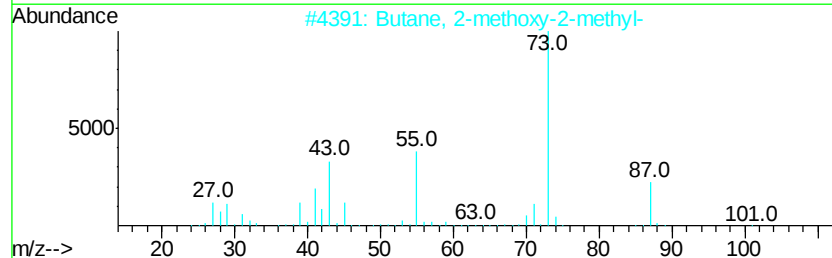
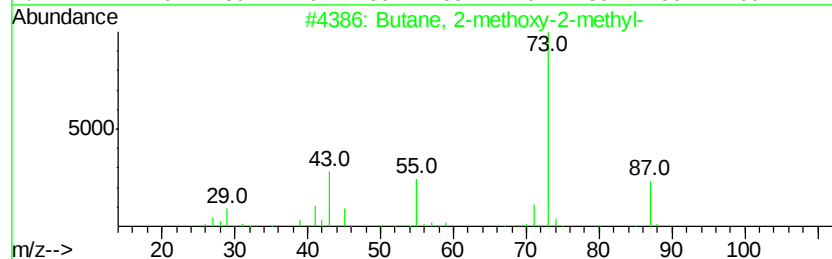
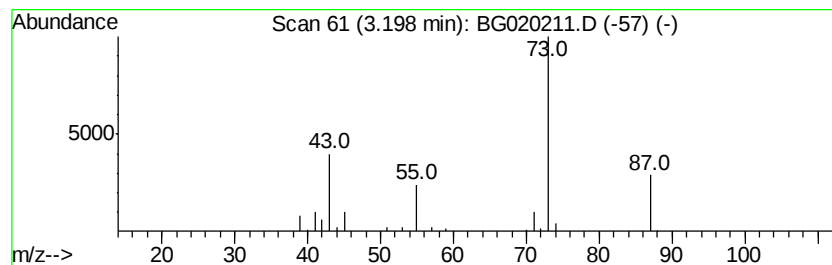
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.20	8.32 ng/ul	47780	1,4-Dichlorobenzene-d4	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	40
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4		1,4-Butanediamine	88	C4H12N2	000110-60-1	9
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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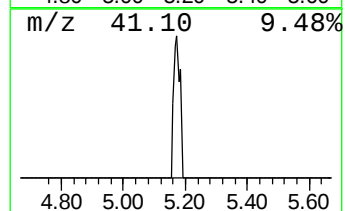
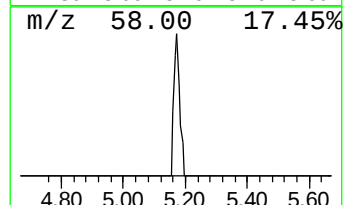
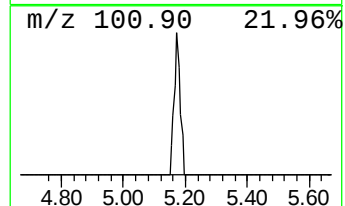
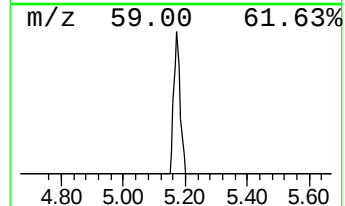
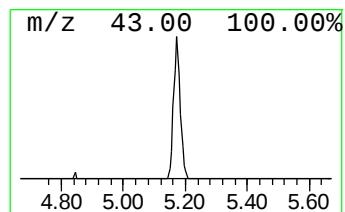
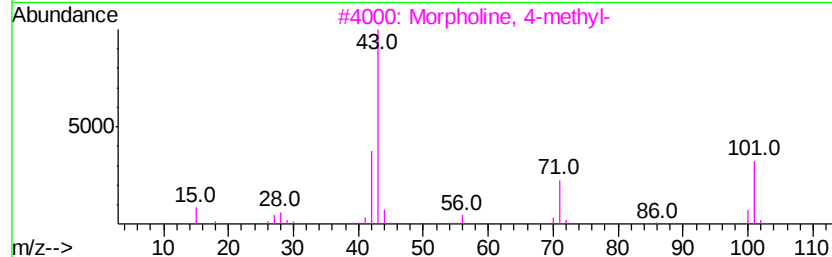
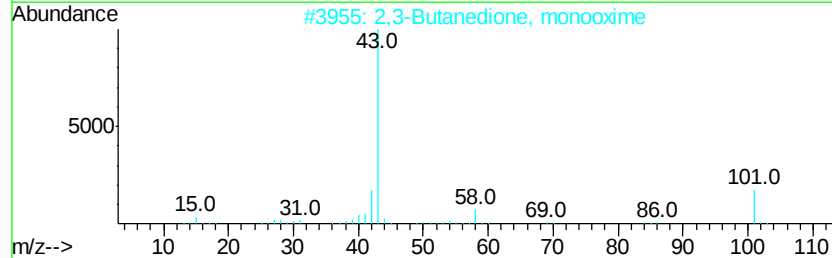
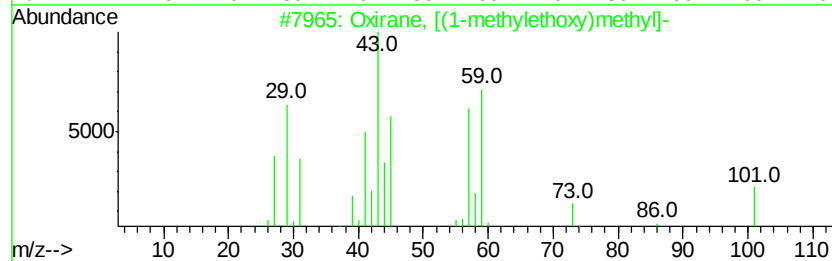
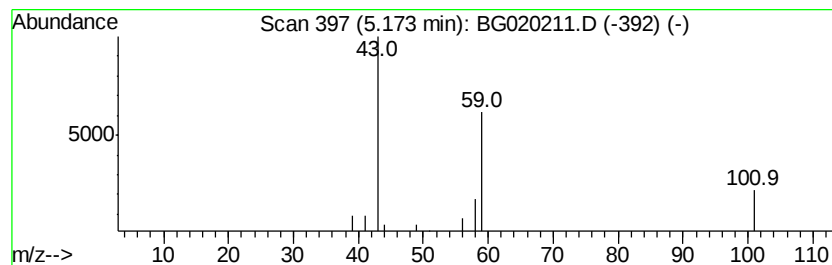
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 Oxirane, [(1-methylethoxy)m... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	2.28 ng/ul	13069	1,4-Dichlorobenzene-d4	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, [(1-methylethoxy)methyl]-	116	C6H12O2	004016-14-2	64
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	7
3		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	5
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	5
5		Butane	58	C4H10	000106-97-8	5



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.20	8.3	ng/ul	47780	1	8.10	114843	20.0
Oxirane, [(1-meth...	5.17	2.3	ng/ul	13069	1	8.10	114843	20.0