

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101515\
 Data File : BG019211.D
 Acq On : 15 Oct 2015 18:35
 Operator : UM/NP
 Sample : PB86052BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SBLK52

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	3.110	42	46	53	rBV2	17556	26990	3.64%	0.418%
2	3.181	54	58	70	rVB	21357	30526	4.11%	0.472%
3	3.445	99	103	108	rVB	4437	5829	0.79%	0.090%
4	7.165	730	736	744	rBV	74668	125122	16.86%	1.936%
5	7.329	757	764	775	rVB	60164	93735	12.63%	1.450%
6	7.535	793	799	806	rBV	69841	118031	15.90%	1.826%
7	8.005	873	879	887	rVB	53860	88887	11.98%	1.375%
8	8.710	993	999	1007	rBV	99004	160065	21.57%	2.476%
9	9.162	1069	1076	1084	rVB	80169	140244	18.90%	2.170%
10	9.891	1193	1200	1209	rVB2	68034	120217	16.20%	1.860%
11	10.431	1285	1292	1302	rVB	94786	163120	21.98%	2.523%
12	10.813	1350	1357	1365	rVB	82161	140477	18.93%	2.173%
13	10.942	1371	1379	1387	rBV	104921	180419	24.31%	2.791%
14	12.388	1622	1625	1630	rBV3	1023	1657	0.22%	0.026%
15	14.039	1900	1906	1913	rBV	233566	333347	44.91%	5.157%
16	14.333	1949	1956	1963	rBV	216245	337736	45.50%	5.225%
17	14.638	2001	2008	2015	rBV2	144288	221835	29.89%	3.432%
18	14.832	2035	2041	2047	rBV	121397	183018	24.66%	2.831%
19	15.631	2170	2177	2184	rBV	302605	456441	61.50%	7.061%
20	15.743	2190	2196	2203	rBV	109539	164390	22.15%	2.543%
21	15.866	2211	2217	2223	rVB4	2087	3324	0.45%	0.051%
22	17.165	2436	2438	2442	rVB	1001	1237	0.17%	0.019%
23	17.382	2469	2475	2482	rVB2	217971	319549	43.05%	4.943%
24	17.482	2485	2492	2499	rBV	378733	560868	75.57%	8.677%
25	17.764	2533	2540	2544	rBV3	552	1056	0.14%	0.016%
26	19.403	2814	2819	2824	rVB3	4316	5714	0.77%	0.088%
27	19.650	2858	2861	2866	rVB3	3460	4658	0.63%	0.072%
28	19.767	2873	2881	2890	rBV	519845	742227	100.00%	11.482%
29	19.832	2890	2892	2893	rVV2	1535	1128	0.15%	0.017%
30	20.091	2933	2936	2939	rVB3	1130	1136	0.15%	0.018%
31	20.631	3025	3028	3030	rVB3	1131	1239	0.17%	0.019%
32	21.019	3092	3094	3096	rVV2	1083	1027	0.14%	0.016%
33	21.078	3102	3104	3106	rBV3	1493	1117	0.15%	0.017%
34	21.201	3123	3125	3129	rVV2	914	1094	0.15%	0.017%

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35	21.648	3194	3201	3208	rBV	286919	454819	61.28%	7.036%
36	21.777	3220	3223	3226	rBV4	1229	1664	0.22%	0.026%
37	21.847	3233	3235	3239	rBV4	1353	1766	0.24%	0.027%
38	21.953	3252	3253	3256	rBV3	1644	1450	0.20%	0.022%
39	22.129	3281	3283	3285	rVB2	1336	1086	0.15%	0.017%
40	22.153	3285	3287	3290	rBV3	1390	1595	0.21%	0.025%
41	22.452	3336	3338	3342	rVB5	2286	2977	0.40%	0.046%
42	22.517	3347	3349	3352	rBV3	1403	1628	0.22%	0.025%
43	22.699	3379	3380	3383	rVB2	1271	1068	0.14%	0.017%
44	22.834	3402	3403	3406	rVB3	1570	1281	0.17%	0.020%
45	22.864	3406	3408	3413	rBV4	1545	2868	0.39%	0.044%
46	22.964	3423	3425	3428	rBV4	1237	1252	0.17%	0.019%
47	23.046	3437	3439	3442	rBV4	1081	1264	0.17%	0.020%
48	23.146	3454	3456	3462	rVB4	3673	5107	0.69%	0.079%
49	23.257	3474	3475	3480	rVB5	1235	1443	0.19%	0.022%
50	23.322	3484	3486	3487	rBV2	1497	1225	0.17%	0.019%
51	23.469	3508	3511	3512	rBV2	1119	1140	0.15%	0.018%
52	23.522	3518	3520	3522	rBV3	1138	1081	0.15%	0.017%
53	23.745	3556	3558	3561	rVB4	3009	2310	0.31%	0.036%
54	23.957	3590	3594	3601	rVB8	3685	6996	0.94%	0.108%
55	24.009	3601	3603	3606	rBV4	853	1126	0.15%	0.017%
56	24.186	3631	3633	3634	rBV2	1107	1064	0.14%	0.016%
57	24.321	3653	3656	3657	rBV2	1687	1068	0.14%	0.017%
58	24.632	3698	3709	3721	rBV	278543	729358	98.27%	11.283%
59	24.850	3735	3746	3762	rVB2	153961	424130	57.14%	6.561%
60	25.067	3780	3783	3787	rBV4	1488	2190	0.30%	0.034%
61	25.120	3790	3792	3794	rBV2	1327	1183	0.16%	0.018%
62	25.208	3805	3807	3811	rVB4	2162	2695	0.36%	0.042%
63	25.243	3811	3813	3815	rBV2	1590	1656	0.22%	0.026%
64	25.302	3820	3823	3824	rBV2	1531	1668	0.22%	0.026%
65	25.361	3832	3833	3836	rVB3	1823	1491	0.20%	0.023%
66	25.467	3847	3851	3854	rBV7	1178	1659	0.22%	0.026%
67	25.566	3864	3868	3870	rBV3	1321	1491	0.20%	0.023%
68	25.913	3923	3927	3928	rBV3	1105	1557	0.21%	0.024%
69	26.001	3941	3942	3943	rBV	2170	1285	0.17%	0.020%
70	26.025	3943	3946	3947	rBV3	2122	2176	0.29%	0.034%
71	26.095	3956	3958	3961	rBV3	1162	1598	0.22%	0.025%

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72	26.430	4012	4015	4018	rBV4	1778	2456	0.33%	0.038%
73	26.554	4035	4036	4039	rBV2	1372	1101	0.15%	0.017%
74	26.689	4057	4059	4062	rBV4	1898	2377	0.32%	0.037%
75	26.783	4073	4075	4077	rBV2	1607	1048	0.14%	0.016%
76	27.035	4116	4118	4123	rVB5	1348	2008	0.27%	0.031%
77	27.076	4123	4125	4127	rBV3	1173	1287	0.17%	0.020%
78	27.388	4171	4178	4186	rVB8	5267	14647	1.97%	0.227%
79	27.488	4194	4195	4199	rBV4	1580	2331	0.31%	0.036%
80	27.547	4203	4205	4207	rBV3	1208	1107	0.15%	0.017%
81	27.834	4251	4254	4255	rBV3	1137	1189	0.16%	0.018%
82	27.923	4267	4269	4270	rBV	1033	1045	0.14%	0.016%
83	28.034	4286	4288	4291	rVB4	1317	1131	0.15%	0.017%
84	28.116	4299	4302	4304	rBV4	965	1096	0.15%	0.017%
85	28.604	4381	4385	4388	rBV5	1165	1655	0.22%	0.026%
86	28.657	4392	4394	4395	rVB2	2035	1202	0.16%	0.019%
87	28.675	4395	4397	4401	rBV4	1130	1389	0.19%	0.021%
88	28.851	4426	4427	4430	rBV2	1628	1064	0.14%	0.016%
89	29.239	4491	4493	4495	rBV2	1272	1211	0.16%	0.019%
90	29.456	4527	4530	4531	rBV3	1173	1170	0.16%	0.018%
91	29.967	4616	4617	4621	rBV4	1797	1893	0.26%	0.029%
92	30.085	4635	4637	4639	rVV3	1201	1062	0.14%	0.016%
93	30.167	4649	4651	4654	rVB3	1623	1315	0.18%	0.020%
94	30.290	4670	4672	4677	rVB3	1128	1465	0.20%	0.023%
95	30.760	4751	4752	4756	rBV3	1182	1344	0.18%	0.021%
96	30.966	4785	4787	4788	rBV2	1530	1026	0.14%	0.016%
97	31.794	4927	4928	4930	rBV2	1484	1237	0.17%	0.019%
98	32.029	4966	4968	4971	rBV5	1402	1128	0.15%	0.017%
99	32.059	4971	4973	4976	rBV3	1034	1270	0.17%	0.020%
100	32.347	5019	5022	5025	rBV4	1943	3053	0.41%	0.047%

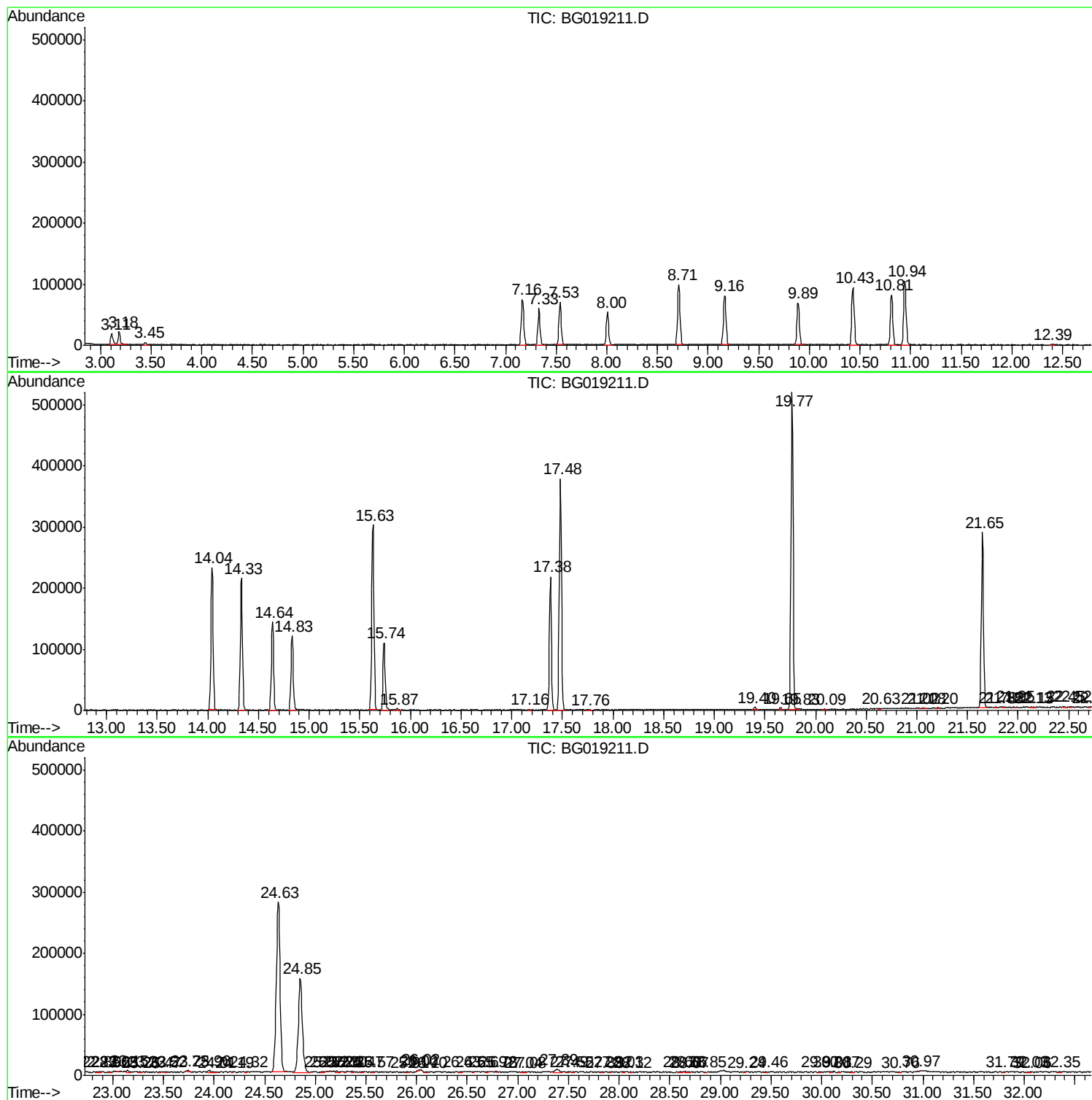
Sum of corrected areas: 6464182

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



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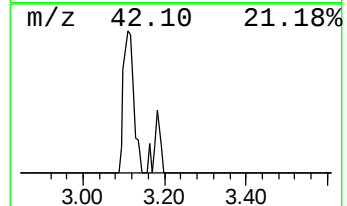
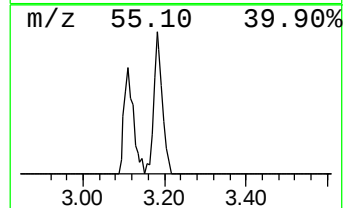
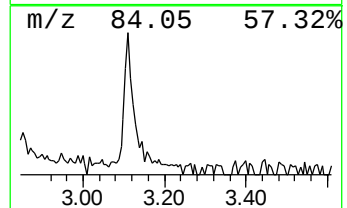
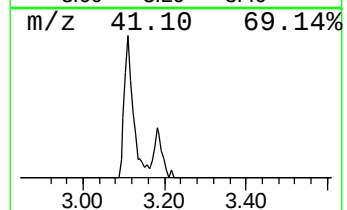
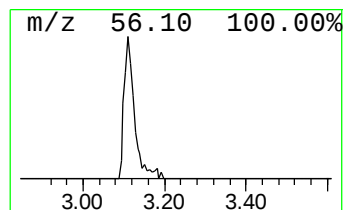
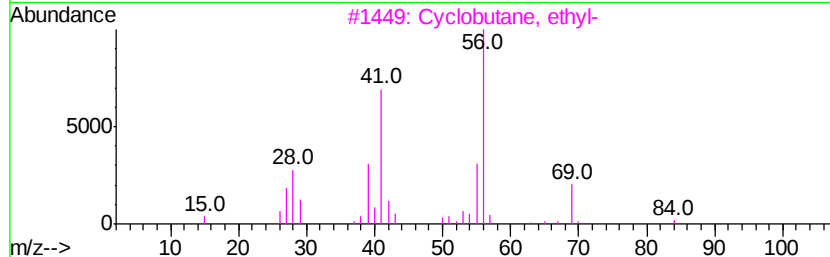
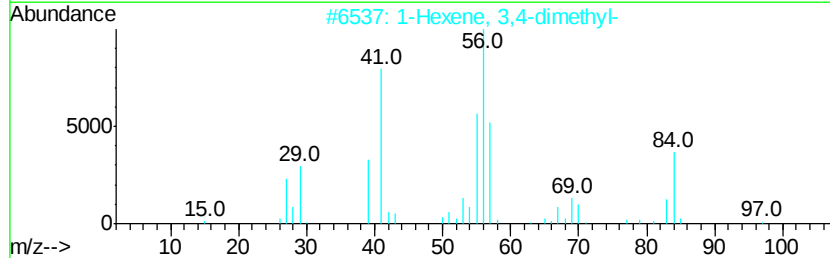
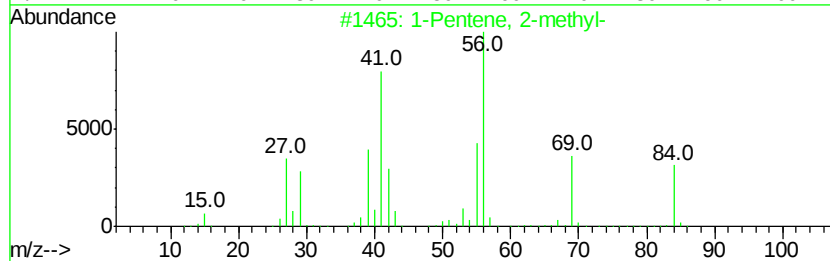
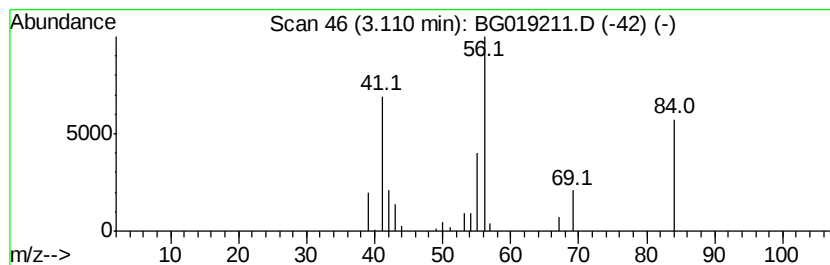
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Cyclic3.11 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.11	6.07 ng/ul	26990	1,4-Dichlorobenzene-d4	8.01

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Pentene, 2-methyl-	84	C6H12	000763-29-1	56
2			1-Hexene, 3,4-dimethyl-	112	C8H16	016745-94-1	45
3			Cyclobutane, ethyl-	84	C6H12	004806-61-5	40
4			Cyclopentane, methyl-	84	C6H12	000096-37-7	38
5			1-Hexene, 5-methyl-	98	C7H14	003524-73-0	28



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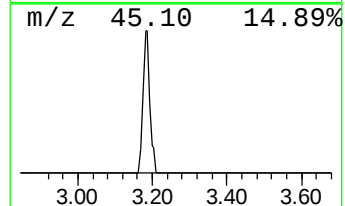
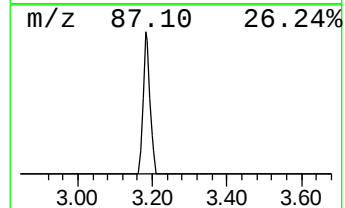
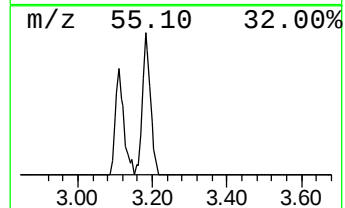
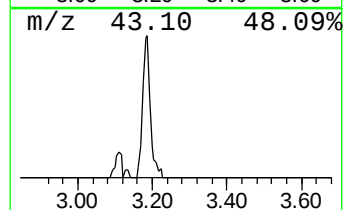
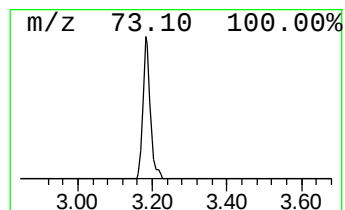
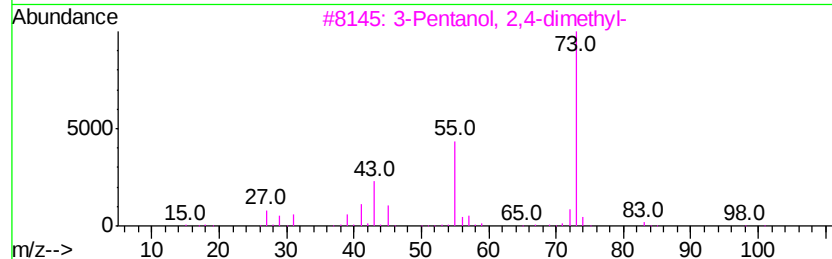
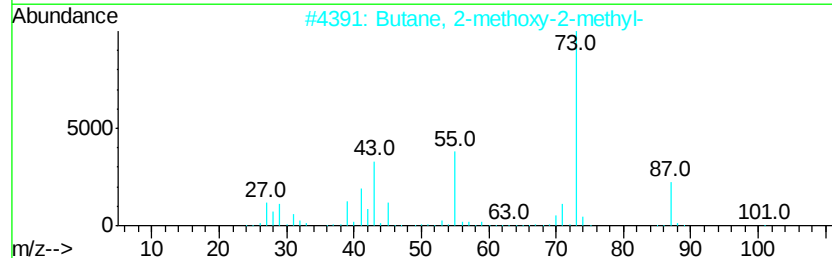
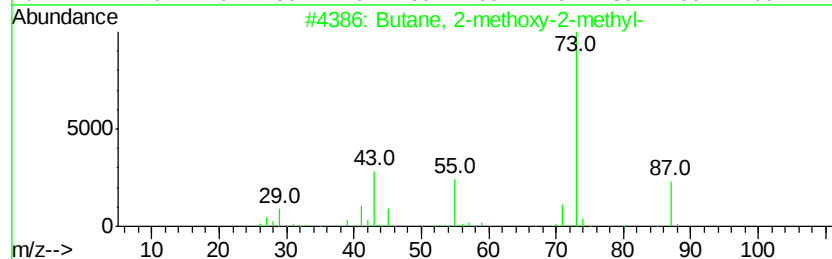
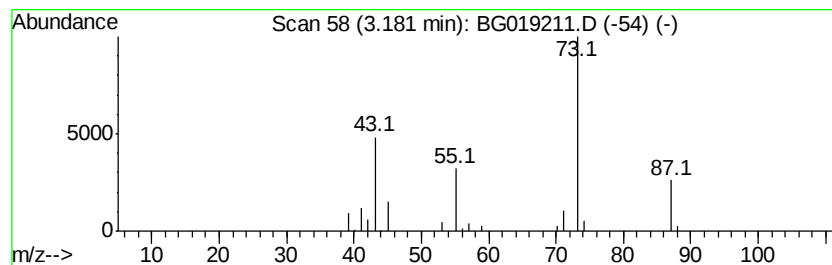
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	6.87 ng/ul	30526	1,4-Dichlorobenzene-d4	8.01

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	64
3		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	28
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Cyc...	3.11	6.1	ng/ul	26990	1	8.01	88887	20.0
Butane, 2-methoxy...	3.18	6.9	ng/ul	30526	1	8.01	88887	20.0