

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021616\
 Data File : BG020912.D
 Acq On : 16 Feb 2016 17:31
 Operator : SJ/UM
 Sample : H1454-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9QT6

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-BG020816.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	3.087	37	42	48	rBV	40141	69491	10.87%	1.133%
2	3.245	64	69	78	rBV	64250	124296	19.45%	2.026%
3	3.321	78	82	95	rVB	23249	38113	5.96%	0.621%
4	3.598	127	129	130	rVV	1168	1011	0.16%	0.016%
5	3.633	131	135	145	rVB	8255	13346	2.09%	0.218%
6	4.485	277	280	283	rVB3	639	801	0.13%	0.013%
7	4.714	316	319	322	rBV	1782	2186	0.34%	0.036%
8	5.231	402	407	414	rVB	3238	6076	0.95%	0.099%
9	5.454	443	445	450	rBV3	538	788	0.12%	0.013%
10	5.924	520	525	530	rBV3	499	968	0.15%	0.016%
11	5.983	530	535	538	rVB3	555	724	0.11%	0.012%
12	6.411	604	608	615	rBV2	1615	3255	0.51%	0.053%
13	7.404	770	777	783	rBV	16450	27456	4.30%	0.447%
14	7.575	799	806	814	rVB	79385	128575	20.12%	2.095%
15	7.674	820	823	826	rBV2	594	787	0.12%	0.013%
16	7.710	826	829	832	rVV2	488	723	0.11%	0.012%
17	7.792	836	843	851	rBV	72637	120698	18.88%	1.967%
18	7.868	851	856	858	rBV	528	829	0.13%	0.014%
19	8.262	917	923	930	rVB	60465	99329	15.54%	1.619%
20	8.902	1030	1032	1035	rBV2	620	798	0.12%	0.013%
21	8.961	1035	1042	1049	rBV	58927	98001	15.33%	1.597%
22	9.243	1086	1090	1091	rBV2	763	824	0.13%	0.013%
23	9.431	1115	1122	1131	rVV	84490	151459	23.70%	2.468%
24	10.036	1221	1225	1226	rBV3	663	709	0.11%	0.012%
25	10.159	1240	1246	1254	rVB	71326	123472	19.32%	2.012%
26	10.394	1284	1286	1289	rBV2	701	964	0.15%	0.016%
27	10.447	1292	1295	1298	rVV2	653	875	0.14%	0.014%
28	10.700	1327	1338	1346	rVB	110490	188881	29.55%	3.078%
29	11.087	1397	1404	1413	rVV	101575	175567	27.47%	2.861%
30	11.170	1416	1418	1421	rBV2	544	752	0.12%	0.012%
31	11.217	1421	1426	1432	rVV	5051	8893	1.39%	0.145%
32	11.804	1521	1526	1528	rVB2	587	1044	0.16%	0.017%
33	11.957	1551	1552	1557	rBV2	714	1035	0.16%	0.017%
34	12.204	1590	1594	1596	rBV2	598	1039	0.16%	0.017%

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35	12.656	1666	1671	1674	rVB2	1822	2481	0.39%	0.040%
36	13.126	1748	1751	1756	rVB	495	754	0.12%	0.012%
37	13.185	1759	1761	1766	rVB2	566	963	0.15%	0.016%
38	13.331	1781	1786	1788	rVB	701	1085	0.17%	0.018%
39	13.754	1854	1858	1864	rVB2	3016	4721	0.74%	0.077%
40	13.978	1892	1896	1900	rBV	508	1004	0.16%	0.016%
41	14.271	1940	1946	1952	rVV	250809	351922	55.06%	5.735%
42	14.577	1989	1998	2006	rBV	285748	463555	72.53%	7.555%
43	14.876	2043	2049	2058	rVB2	172038	266594	41.71%	4.345%
44	15.047	2073	2078	2085	rBV2	16435	23929	3.74%	0.390%
45	15.282	2115	2118	2121	rVB2	680	926	0.14%	0.015%
46	15.417	2139	2141	2146	rVB2	529	705	0.11%	0.011%
47	15.523	2156	2159	2162	rVB	590	766	0.12%	0.012%
48	15.863	2209	2217	2224	rBV	399459	585938	91.68%	9.549%
49	15.963	2229	2234	2243	rBV	69321	103734	16.23%	1.691%
50	16.098	2251	2257	2262	rVB3	3383	4692	0.73%	0.076%
51	16.192	2270	2273	2277	rBV2	543	978	0.15%	0.016%
52	17.614	2507	2515	2522	rBV	209276	310015	48.51%	5.053%
53	17.714	2524	2532	2542	rVV	400246	604989	94.66%	9.860%
54	17.861	2556	2557	2561	rBV2	987	1342	0.21%	0.022%
55	17.949	2568	2572	2574	rBV2	560	866	0.14%	0.014%
56	18.289	2626	2630	2633	rVB3	445	785	0.12%	0.013%
57	18.513	2663	2668	2671	rBV4	503	955	0.15%	0.016%
58	18.548	2671	2674	2676	rVV2	1250	1524	0.24%	0.025%
59	18.595	2679	2682	2683	rVV2	584	722	0.11%	0.012%
60	18.665	2693	2694	2697	rBV	699	759	0.12%	0.012%
61	18.701	2697	2700	2703	rVV2	579	805	0.13%	0.013%
62	18.900	2732	2734	2737	rVB2	1001	706	0.11%	0.012%
63	18.965	2741	2745	2748	rVB	739	1025	0.16%	0.017%
64	19.100	2765	2768	2771	rBV3	836	1096	0.17%	0.018%
65	19.212	2783	2787	2789	rBV3	675	975	0.15%	0.016%
66	19.294	2798	2801	2803	rBV2	758	708	0.11%	0.012%
67	19.353	2810	2811	2816	rBV3	614	929	0.15%	0.015%
68	19.464	2828	2830	2833	rVB	1034	969	0.15%	0.016%
69	19.611	2850	2855	2860	rBV2	4008	6236	0.98%	0.102%
70	19.670	2863	2865	2867	rBV2	1092	1344	0.21%	0.022%
71	19.870	2894	2899	2902	rVV	2789	4008	0.63%	0.065%

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72	19.934	2907	2910	2911	rBV2	904	978	0.15%	0.016%
73	19.975	2911	2917	2925	rVB2	446642	639133	100.00%	10.416%
74	20.257	2963	2965	2966	rBV2	1228	829	0.13%	0.014%
75	20.381	2984	2986	2989	rVB4	858	815	0.13%	0.013%
76	20.686	3036	3038	3040	rVV	1142	832	0.13%	0.014%
77	20.710	3040	3042	3045	rVV4	1213	1142	0.18%	0.019%
78	20.827	3059	3062	3064	rBV3	858	1203	0.19%	0.020%
79	20.851	3064	3066	3067	rBV2	1395	1068	0.17%	0.017%
80	21.338	3148	3149	3151	rBV2	1478	954	0.15%	0.016%
81	21.385	3156	3157	3159	rBV2	1075	951	0.15%	0.015%
82	21.432	3163	3165	3166	rBV2	1351	870	0.14%	0.014%
83	21.591	3187	3192	3198	rVB	6499	9671	1.51%	0.158%
84	21.655	3201	3203	3205	rBV3	1170	890	0.14%	0.015%
85	21.673	3205	3206	3210	rBV4	1238	1864	0.29%	0.030%
86	21.890	3236	3243	3250	rBV	196375	329948	51.62%	5.377%
87	22.002	3260	3262	3266	rVB4	1622	1053	0.16%	0.017%
88	22.172	3289	3291	3293	rBV2	1338	1654	0.26%	0.027%
89	22.642	3369	3371	3373	rVB2	2051	1344	0.21%	0.022%
90	23.430	3496	3505	3512	rBV10	5678	16156	2.53%	0.263%
91	23.782	3562	3565	3566	rBV2	1468	1657	0.26%	0.027%
92	23.970	3595	3597	3600	rVV3	1316	1010	0.16%	0.016%
93	24.087	3612	3617	3621	rBV7	3880	8599	1.35%	0.140%
94	24.275	3644	3649	3657	rVB7	4577	10386	1.63%	0.169%
95	25.033	3766	3778	3789	rBV	221367	624487	97.71%	10.178%
96	25.262	3807	3817	3827	rBV3	115153	323560	50.62%	5.273%
97	28.963	4445	4447	4450	rBV3	1648	1747	0.27%	0.028%
98	29.498	4536	4538	4539	rBV2	1974	1169	0.18%	0.019%
99	30.955	4784	4786	4788	rBV2	1486	1059	0.17%	0.017%
100	30.990	4790	4792	4794	rBV3	1637	1558	0.24%	0.025%

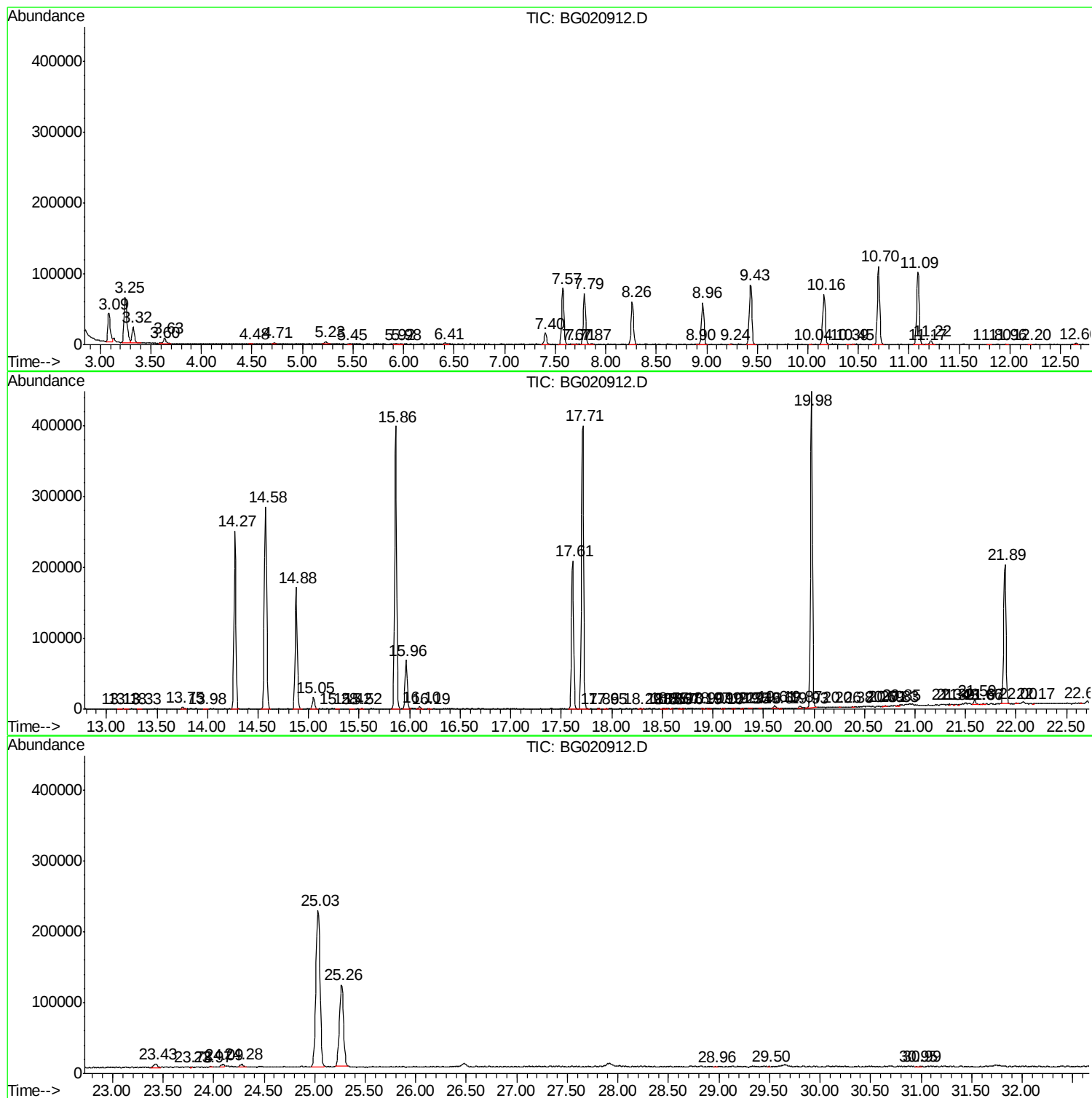
Sum of corrected areas: 6135857

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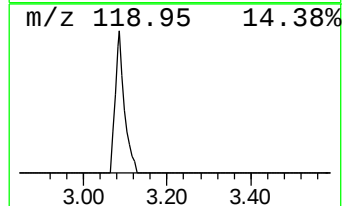
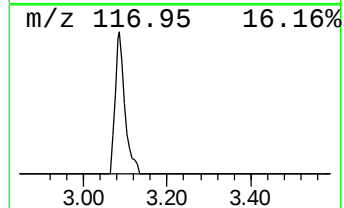
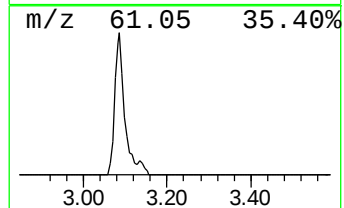
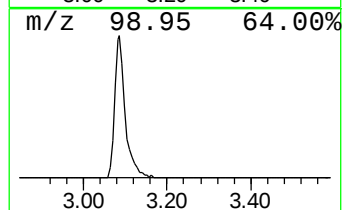
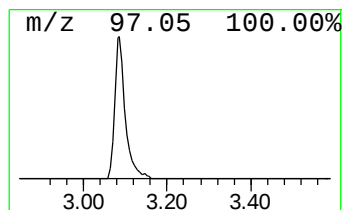
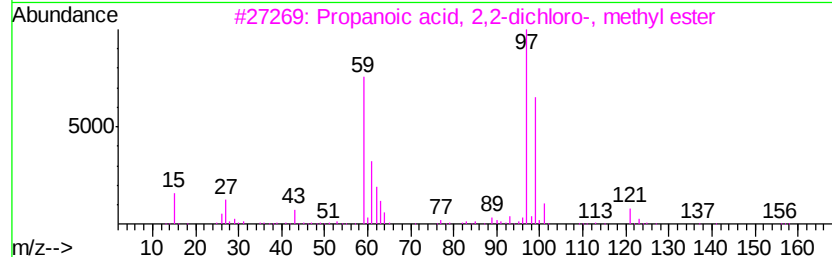
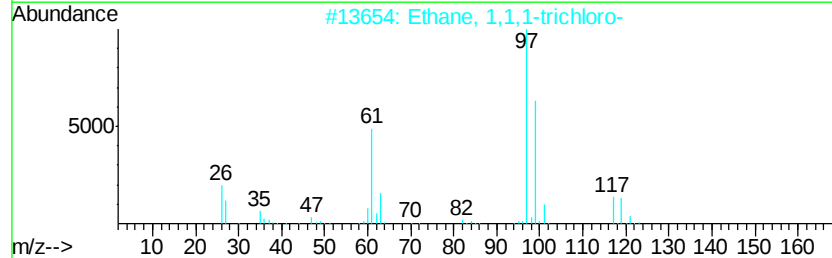
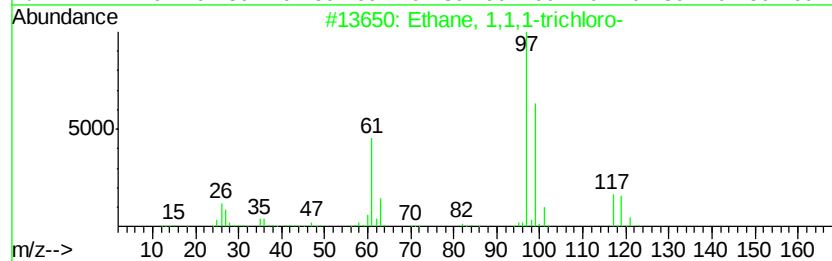
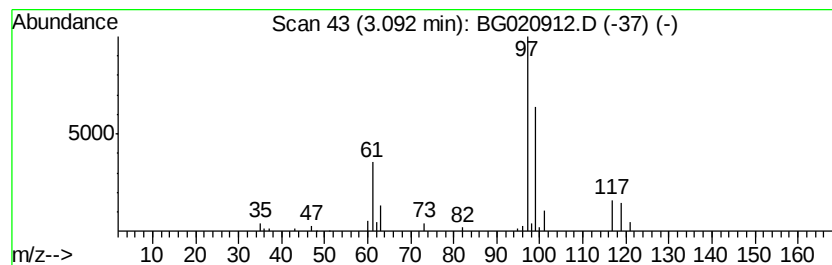
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG020816.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Ethane, 1,1,1-trichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.09	13.99 ng/ul	69491	1,4-Dichlorobenzene-d4	8.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethane, 1,1,1-trichloro-	132	C2H3Cl3	000071-55-6	90
2		Ethane, 1,1,1-trichloro-	132	C2H3Cl3	000071-55-6	83
3		Propanoic acid, 2,2-dichloro-, m...	156	C4H6Cl2O2	017640-02-7	56
4		Ethane, 1,1-dichloro-1-nitro-	143	C2H3Cl2NO2	000594-72-9	56
5		Propanoyl chloride, 2,2-dichloro-	160	C3H3Cl3O	026073-26-7	39



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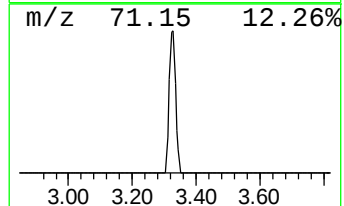
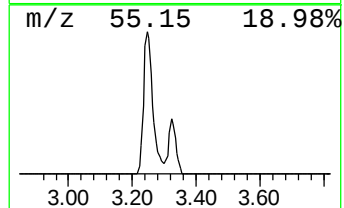
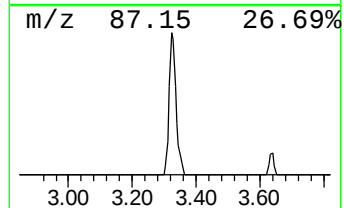
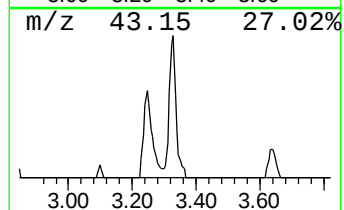
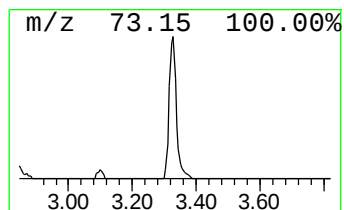
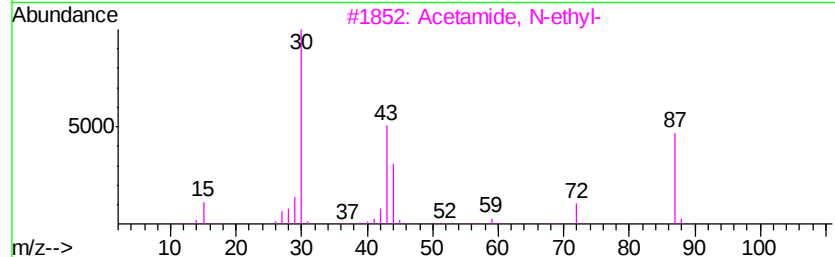
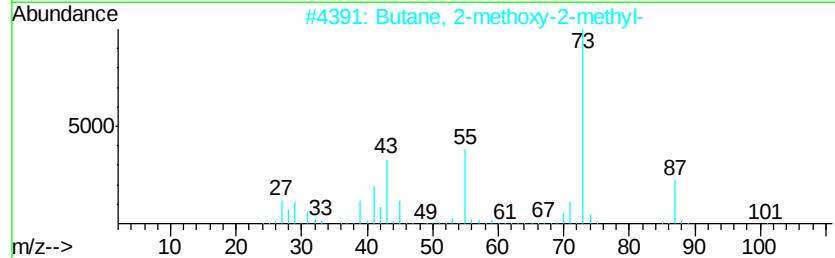
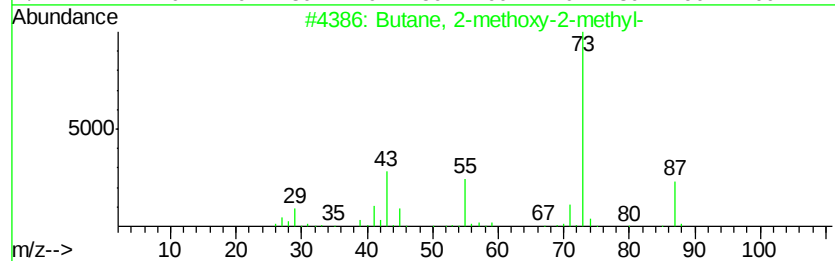
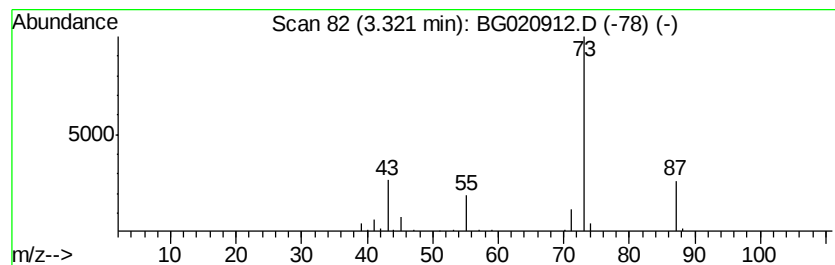
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Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.32	7.67 ng/ul	38113	1,4-Dichlorobenzene-d4	8.26

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		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
4		N-Ethylformamide	73	C3H7NO	000627-45-2	9
5		Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	9



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethane, 1,1,1-tri...	3.09	14.0	ng/ul	69491	1	8.26	99329	20.0
Butane, 2-methoxy...	3.32	7.7	ng/ul	38113	1	8.26	99329	20.0