

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111915\
 Data File : BG019715.D
 Acq On : 19 Nov 2015 21:27
 Operator : UM/NP
 Sample : G4310-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9KL9

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-BG111615.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	51	rBV2	27326	50237	3.18%	0.297%
2	3.169	51	56	65	rVB	112632	158081	10.02%	0.936%
3	3.445	100	103	113	rVB	7677	11687	0.74%	0.069%
4	5.184	392	399	403	rBV2	5414	9736	0.62%	0.058%
5	6.183	564	569	571	rBV3	1089	1929	0.12%	0.011%
6	7.146	730	733	737	rBV2	1331	1968	0.12%	0.012%
7	7.293	752	758	769	rVB	184768	337026	21.36%	1.996%
8	7.464	780	787	795	rBV	138697	223398	14.16%	1.323%
9	7.675	817	823	834	rBV	179385	299773	19.00%	1.775%
10	8.151	895	904	910	rBV	131600	214551	13.60%	1.270%
11	8.856	1017	1024	1035	rBV	245865	418084	26.49%	2.475%
12	8.974	1042	1044	1049	rVB2	1220	1610	0.10%	0.010%
13	9.320	1096	1103	1115	rBV	182173	326833	20.71%	1.935%
14	9.450	1118	1125	1128	rBV4	2731	5910	0.37%	0.035%
15	9.720	1170	1171	1174	rVB2	2051	1792	0.11%	0.011%
16	10.049	1221	1227	1235	rBV	170922	298849	18.94%	1.769%
17	10.272	1258	1265	1267	rBV3	3647	6237	0.40%	0.037%
18	10.595	1311	1320	1327	rBV	267766	468625	29.70%	2.775%
19	10.731	1338	1343	1347	rBV4	3577	6809	0.43%	0.040%
20	10.977	1378	1385	1393	rVB	202752	358384	22.71%	2.122%
21	11.107	1400	1407	1417	rBV	166543	310299	19.66%	1.837%
22	11.271	1432	1435	1440	rBV3	1469	1688	0.11%	0.010%
23	11.753	1513	1517	1527	rBV3	11713	21893	1.39%	0.130%
24	11.982	1550	1556	1557	rBV2	2869	3241	0.21%	0.019%
25	12.000	1557	1559	1564	rVB2	2054	2884	0.18%	0.017%
26	12.123	1577	1580	1583	rBV	1931	2590	0.16%	0.015%
27	12.429	1626	1632	1634	rBV3	1297	2320	0.15%	0.014%
28	12.546	1648	1652	1658	rVB2	5018	8405	0.53%	0.050%
29	12.599	1658	1661	1664	rBV	1542	1795	0.11%	0.011%
30	13.139	1746	1753	1761	rVB3	10039	17159	1.09%	0.102%
31	13.386	1788	1795	1801	rVB2	11990	19356	1.23%	0.115%
32	13.586	1824	1829	1836	rBV4	5964	9630	0.61%	0.057%
33	13.657	1836	1841	1843	rVV3	1735	2383	0.15%	0.014%
34	13.698	1845	1848	1853	rVB4	6117	8921	0.57%	0.053%

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35	13.827	1868	1870	1875	rVB2	1580	2025	0.13%	0.012%
36	13.944	1887	1890	1891	rBV3	2099	2222	0.14%	0.013%
37	13.968	1891	1894	1895	rVV3	2159	1650	0.10%	0.010%
38	14.103	1915	1917	1922	rBV5	1773	2663	0.17%	0.016%
39	14.179	1923	1930	1934	rVV	526276	748013	47.40%	4.429%
40	14.226	1934	1938	1944	rVV	253606	344219	21.81%	2.038%
41	14.285	1944	1948	1952	rVB5	2725	3638	0.23%	0.022%
42	14.356	1958	1960	1961	rBV	2297	1924	0.12%	0.011%
43	14.403	1964	1968	1970	rBV3	5529	6387	0.40%	0.038%
44	14.479	1974	1981	1989	rVB	528150	842607	53.40%	4.989%
45	14.655	2005	2011	2015	rBV2	22911	31496	2.00%	0.186%
46	14.726	2020	2023	2026	rBV3	3650	4385	0.28%	0.026%
47	14.785	2026	2033	2041	rVB2	408504	657012	41.64%	3.890%
48	14.867	2045	2047	2052	rVB3	2797	3227	0.20%	0.019%
49	14.926	2052	2057	2058	rBV2	2434	3033	0.19%	0.018%
50	14.973	2058	2065	2074	rBV	259189	412480	26.14%	2.442%
51	15.096	2081	2086	2087	rBV3	4674	5771	0.37%	0.034%
52	15.120	2087	2090	2093	rVV5	7226	10139	0.64%	0.060%
53	15.149	2093	2095	2099	rVV3	3757	4183	0.27%	0.025%
54	15.190	2101	2102	2104	rBV2	2483	2069	0.13%	0.012%
55	15.266	2110	2115	2118	rBV6	7334	10026	0.64%	0.059%
56	15.343	2123	2128	2132	rVB5	7091	9691	0.61%	0.057%
57	15.390	2132	2136	2138	rBV2	2574	4220	0.27%	0.025%
58	15.407	2138	2139	2141	rVB2	3096	1690	0.11%	0.010%
59	15.437	2141	2144	2147	rBV5	2429	3458	0.22%	0.020%
60	15.560	2159	2165	2167	rBV4	6123	9817	0.62%	0.058%
61	15.601	2167	2172	2178	rVB3	35365	49211	3.12%	0.291%
62	15.654	2178	2181	2182	rBV3	4177	4841	0.31%	0.029%
63	15.707	2188	2190	2191	rBV2	2435	1656	0.10%	0.010%
64	15.772	2195	2201	2208	rVB	788957	1149647	72.86%	6.807%
65	15.883	2214	2220	2230	rVB	260936	378625	23.99%	2.242%
66	15.954	2230	2232	2234	rBV3	2791	2327	0.15%	0.014%
67	16.007	2234	2241	2246	rVV4	19203	33795	2.14%	0.200%
68	16.095	2254	2256	2262	rVB6	6098	10012	0.63%	0.059%
69	16.154	2262	2266	2271	rBV8	6909	15818	1.00%	0.094%
70	16.224	2275	2278	2281	rVB4	6189	7985	0.51%	0.047%
71	16.283	2287	2288	2291	rBV3	2591	3528	0.22%	0.021%

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72	16.459	2313	2318	2328	rBV3	37297	73844	4.68%	0.437%
73	16.524	2328	2329	2331	rVB2	3756	1970	0.12%	0.012%
74	16.588	2337	2340	2343	rVB2	11218	13365	0.85%	0.079%
75	16.647	2343	2350	2352	rBV7	11689	21567	1.37%	0.128%
76	16.712	2358	2361	2365	rVB6	10033	13587	0.86%	0.080%
77	16.747	2365	2367	2373	rVB7	7033	7811	0.50%	0.046%
78	16.800	2373	2376	2378	rBV4	7166	8047	0.51%	0.048%
79	16.912	2389	2395	2401	rVB7	14685	29928	1.90%	0.177%
80	16.976	2401	2406	2409	rBV2	15938	26492	1.68%	0.157%
81	17.053	2415	2419	2422	rVB5	6205	8582	0.54%	0.051%
82	17.111	2427	2429	2432	rVB4	4797	3596	0.23%	0.021%
83	17.252	2448	2453	2456	rBV4	24548	31703	2.01%	0.188%
84	17.305	2458	2462	2466	rVV6	11602	16593	1.05%	0.098%
85	17.417	2477	2481	2487	rVB9	5451	10486	0.66%	0.062%
86	17.523	2493	2499	2506	rBV	588659	908116	57.55%	5.377%
87	17.622	2510	2516	2525	rVB2	860835	1305084	82.71%	7.727%
88	17.787	2540	2544	2546	rBV4	9970	16724	1.06%	0.099%
89	17.875	2556	2559	2560	rBV3	7200	8579	0.54%	0.051%
90	18.028	2582	2585	2590	rVB5	15179	23896	1.51%	0.141%
91	18.386	2641	2646	2654	rBV4	42604	77026	4.88%	0.456%
92	18.903	2730	2734	2738	rBV5	25453	41336	2.62%	0.245%
93	19.232	2787	2790	2795	rBV3	24745	38932	2.47%	0.231%
94	19.779	2880	2883	2888	rBV5	27276	36156	2.29%	0.214%
95	19.902	2898	2904	2912	rVB	1096520	1564702	99.16%	9.265%
96	20.778	3051	3053	3060	rVB	52858	67487	4.28%	0.400%
97	21.042	3096	3098	3102	rVB	78905	83728	5.31%	0.496%
98	21.794	3220	3226	3235	rVB	747498	1260933	79.91%	7.466%
99	24.896	3746	3754	3763	rVB	583256	1577978	100.00%	9.343%
100	25.120	3785	3792	3806	rVB2	401795	1211181	76.76%	7.171%

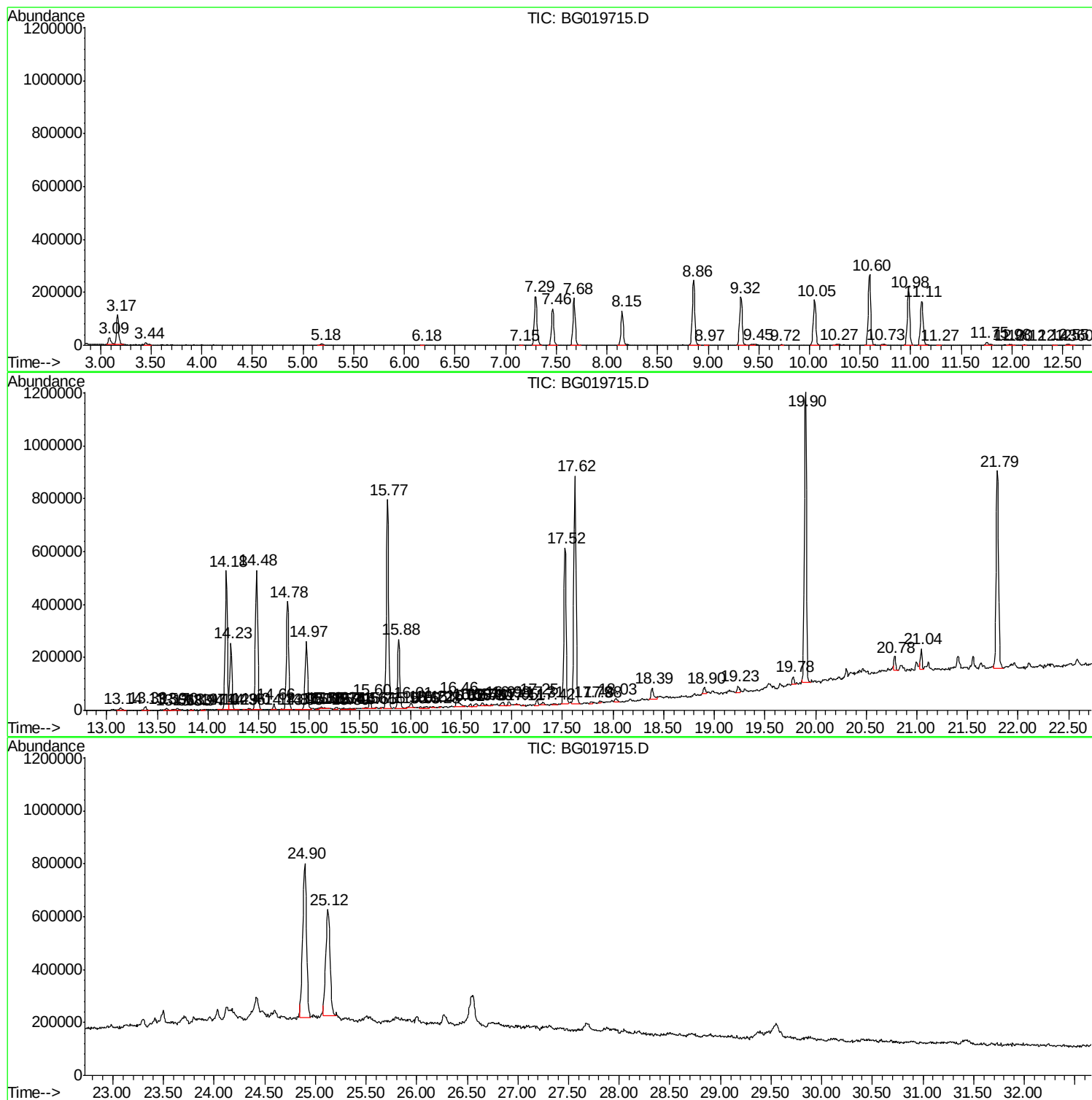
Sum of corrected areas: 16889002

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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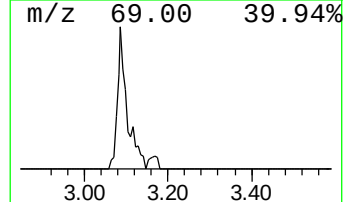
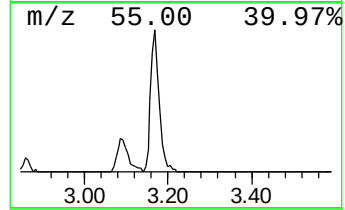
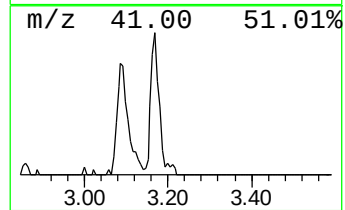
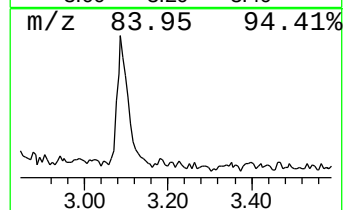
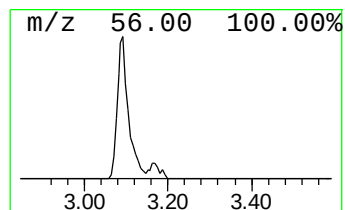
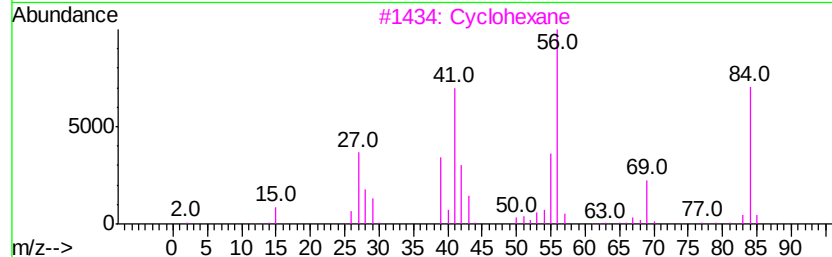
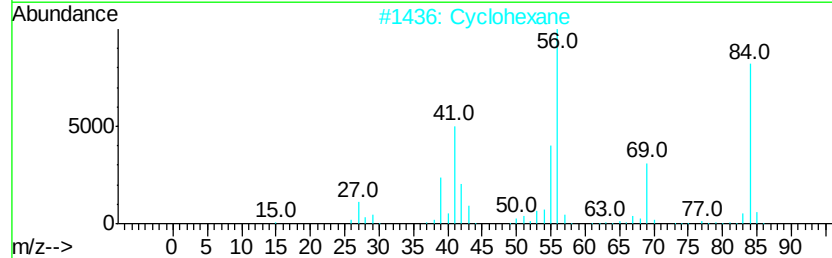
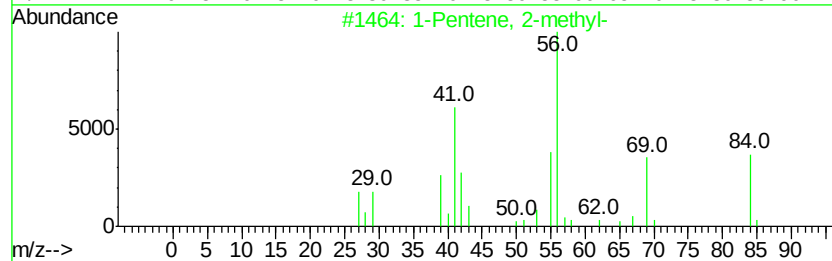
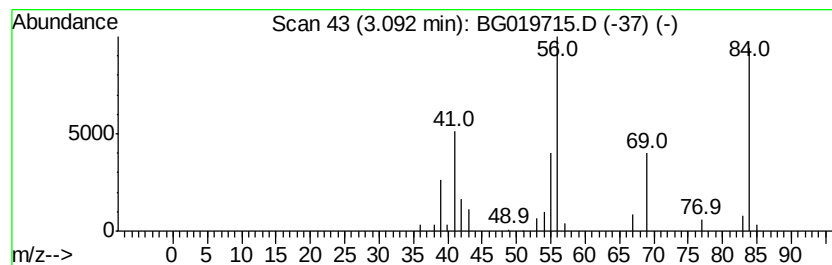
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Cyclic3.09 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
3.09	4.68 ng/ul	50237	1,4-Dichlorobenzene-d4	8.15	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	91
2	Cyclohexane	84	C6H12	000110-82-7	90
3	Cyclohexane	84	C6H12	000110-82-7	78
4	2-Acetylpiperidine	127	C7H13NO	097073-22-8	78
5	Cyclohexane	84	C6H12	000110-82-7	78



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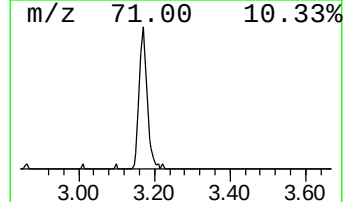
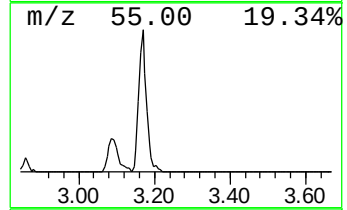
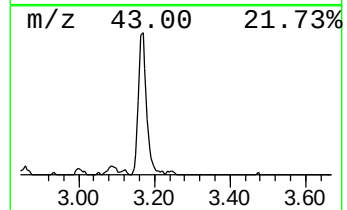
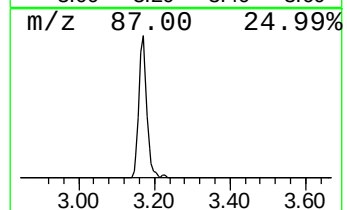
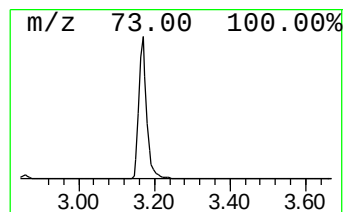
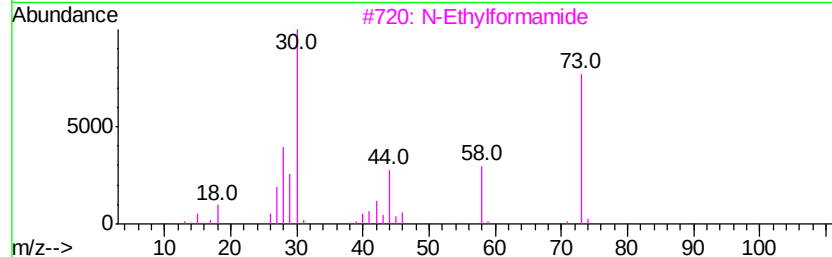
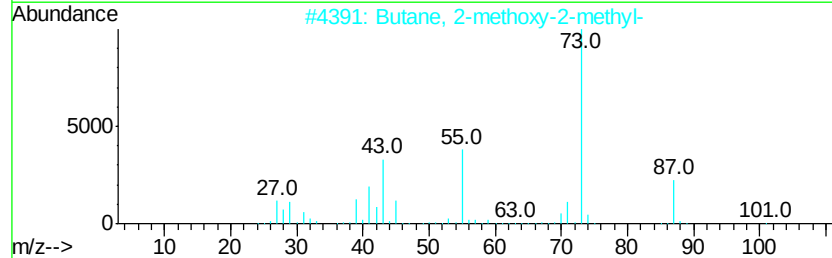
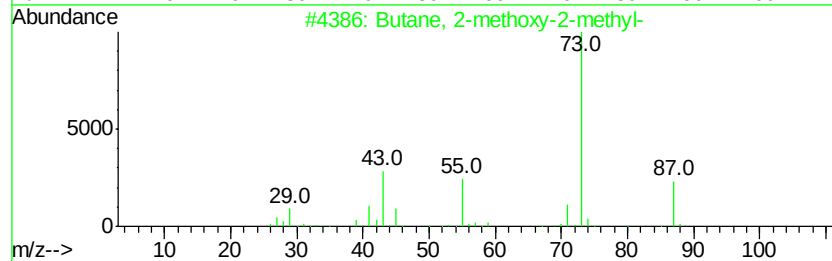
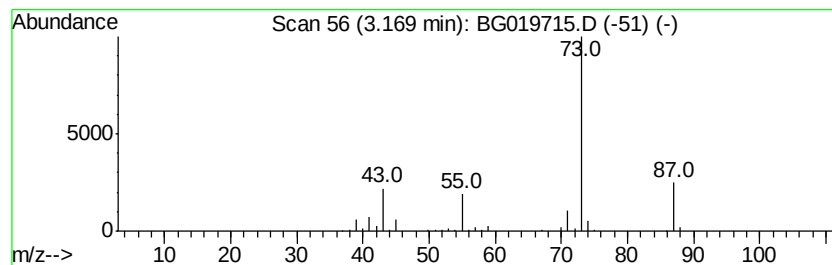
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Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	14.74 ng/ul	158081	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	39
3		N-Ethylformamide	73	C3H7NO	000627-45-2	9
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
5		3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	9



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Cyc...	3.09	4.7	ng/ul	50237	1	8.15	214551	20.0
Butane, 2-methoxy...	3.17	14.7	ng/ul	158081	1	8.15	214551	20.0