

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071621\
 Data File : BG049383.D
 Acq On : 16 Jul 2021 18:10
 Operator : CG/JU
 Sample : M2970-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGE97

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
 Title : SVOA CALIBRATION

Signal : TIC: BG049383.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.097	4	10	19	rBV2	123990	294684	43.67%	4.279%
2	3.179	20	24	45	rVB	162186	315244	46.72%	4.578%
3	3.761	122	123	125	rBV	2238	1238	0.18%	0.018%
4	3.820	131	133	136	rBV3	1545	1249	0.19%	0.018%
5	3.890	142	145	150	rBV4	9924	17512	2.60%	0.254%
6	4.207	194	199	204	rBV2	6540	9737	1.44%	0.141%
7	4.472	242	244	247	rVV2	1283	1683	0.25%	0.024%
8	4.789	295	298	300	rBV2	1555	1414	0.21%	0.021%
9	4.854	305	309	311	rVV2	1481	1969	0.29%	0.029%
10	5.230	370	373	374	rBV2	1745	1519	0.23%	0.022%
11	5.336	388	391	393	rVB2	1715	2112	0.31%	0.031%
12	5.359	393	395	396	rBV	1837	1283	0.19%	0.019%
13	5.412	402	404	407	rVB2	1076	1283	0.19%	0.019%
14	5.864	479	481	484	rBV2	1538	1526	0.23%	0.022%
15	6.287	551	553	555	rBV	1043	1220	0.18%	0.018%
16	6.522	588	593	594	rBV2	971	1553	0.23%	0.023%
17	6.563	599	600	604	rVV2	1583	1278	0.19%	0.019%
18	6.622	607	610	612	rVB2	1762	1535	0.23%	0.022%
19	6.646	612	614	616	rBV	1964	1625	0.24%	0.024%
20	7.216	704	711	721	rBV	58958	115219	17.08%	1.673%
21	7.380	733	739	747	rBV	39789	72808	10.79%	1.057%
22	7.592	769	775	785	rVB	59393	105533	15.64%	1.532%
23	7.968	836	839	841	rBV	1293	1539	0.23%	0.022%
24	8.062	848	855	865	rBV	117105	201573	29.87%	2.927%
25	8.285	889	893	895	rBV3	1715	2136	0.32%	0.031%
26	8.497	926	929	931	rBV2	1143	1475	0.22%	0.021%
27	8.602	943	947	950	rBV2	1078	1560	0.23%	0.023%
28	8.767	968	975	984	rVV2	82065	145084	21.50%	2.107%
29	8.826	984	985	990	rVV2	1763	1574	0.23%	0.023%
30	8.890	992	996	1001	rVB2	1917	3531	0.52%	0.051%
31	9.231	1046	1054	1063	rBV	65630	120317	17.83%	1.747%
32	9.343	1072	1073	1079	rVB2	1089	1688	0.25%	0.025%
33	9.642	1120	1124	1127	rVB2	1614	1871	0.28%	0.027%
34	9.960	1171	1178	1185	rBV3	57756	106929	15.85%	1.553%
35	10.500	1263	1270	1279	rBV2	77664	145230	21.52%	2.109%
36	10.647	1292	1295	1296	rBV	1458	1477	0.22%	0.021%

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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
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37	10.882	1326	1335	1346	rBV	153562	281220	41.68%	4.083%
38	11.017	1351	1358	1369	rBV	73500	140162	20.77%	2.035%
39	11.146	1377	1380	1381	rBV	1410	1364	0.20%	0.020%
40	11.205	1386	1390	1392	rVB	1040	1444	0.21%	0.021%
41	12.580	1623	1624	1630	rBV	887	1466	0.22%	0.021%
42	13.062	1701	1706	1707	rBV3	1474	1310	0.19%	0.019%
43	13.314	1747	1749	1750	rBV2	2006	1256	0.19%	0.018%
44	13.937	1852	1855	1858	rBV3	869	1282	0.19%	0.019%
45	14.108	1878	1884	1890	rBV	168548	249089	36.92%	3.617%
46	14.401	1927	1934	1944	rBV	164679	265488	39.35%	3.855%
47	14.713	1980	1987	1996	rVV	260121	404709	59.98%	5.877%
48	14.907	2015	2020	2033	rBV2	52561	105041	15.57%	1.525%
49	15.048	2042	2044	2048	rBV	988	1356	0.20%	0.020%
50	15.706	2148	2156	2163	rBV	218208	337081	49.96%	4.895%
51	15.817	2170	2175	2182	rBV3	55722	88264	13.08%	1.282%
52	15.888	2185	2187	2190	rVB2	1426	1495	0.22%	0.022%
53	15.941	2193	2196	2200	rBV	2737	3257	0.48%	0.047%
54	16.199	2236	2240	2242	rVB	1326	1396	0.21%	0.020%
55	16.564	2298	2302	2305	rBV	1048	1394	0.21%	0.020%
56	16.740	2330	2332	2335	rVV2	1173	1330	0.20%	0.019%
57	16.951	2365	2368	2370	rBV	917	1236	0.18%	0.018%
58	17.145	2396	2401	2402	rBV	968	1291	0.19%	0.019%
59	17.198	2407	2410	2412	rBV	1062	1278	0.19%	0.019%
60	17.310	2427	2429	2431	rBV	1222	1282	0.19%	0.019%
61	17.462	2448	2455	2465	rBV	360652	539323	79.93%	7.831%
62	17.556	2465	2471	2478	rBV2	245119	384665	57.01%	5.586%
63	17.733	2500	2501	2504	rBV2	1450	1273	0.19%	0.018%
64	17.938	2532	2536	2537	rBV	1594	1495	0.22%	0.022%
65	17.991	2541	2545	2548	rVB3	1218	1878	0.28%	0.027%
66	18.038	2551	2553	2555	rVB	1605	1298	0.19%	0.019%
67	18.344	2601	2605	2610	rVV3	3462	5419	0.80%	0.079%
68	18.426	2617	2619	2621	rVB3	1951	1508	0.22%	0.022%
69	18.685	2661	2663	2666	rVB3	1570	1638	0.24%	0.024%
70	18.720	2666	2669	2670	rVB2	1424	1316	0.20%	0.019%
71	18.737	2670	2672	2675	rBV3	1245	1478	0.22%	0.021%
72	18.908	2697	2701	2702	rVB4	1409	1624	0.24%	0.024%
73	18.978	2711	2713	2718	rVB2	1951	2250	0.33%	0.033%
74	19.090	2731	2732	2735	rVB	1629	1225	0.18%	0.018%
75	19.190	2746	2749	2751	rBV	2441	2562	0.38%	0.037%
76	19.237	2755	2757	2760	rVV3	2502	2524	0.37%	0.037%

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Integrator: RTE
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77	19.260	2760	2761	2764	rVV2	2109	1928	0.29%	0.028%
78	19.284	2764	2765	2768	rVB2	2025	1619	0.24%	0.024%
79	19.313	2768	2770	2772	rBV2	3114	2294	0.34%	0.033%
80	19.390	2780	2783	2784	rVV2	2906	2643	0.39%	0.038%
81	19.407	2784	2786	2790	rVB3	3375	3762	0.56%	0.055%
82	19.478	2796	2798	2800	rBV	2169	1754	0.26%	0.025%
83	19.507	2800	2803	2808	rVB2	12948	16723	2.48%	0.243%
84	19.613	2818	2821	2822	rBV2	2249	2310	0.34%	0.034%
85	19.660	2825	2829	2831	rBV4	1925	2309	0.34%	0.034%
86	19.742	2841	2843	2845	rVB2	2920	1648	0.24%	0.024%
87	19.848	2852	2861	2870	rBV	316978	487464	72.25%	7.078%
88	20.024	2889	2891	2893	rBV	2382	1760	0.26%	0.026%
89	20.071	2895	2899	2900	rBV3	2694	2267	0.34%	0.033%
90	20.212	2922	2923	2924	rBV	2975	1506	0.22%	0.022%
91	20.230	2924	2926	2927	rVB2	3820	2022	0.30%	0.029%
92	20.330	2940	2943	2946	rBV4	5943	8840	1.31%	0.128%
93	20.506	2971	2973	2975	rBV3	3207	2725	0.40%	0.040%
94	20.817	3022	3026	3030	rVB4	23684	30618	4.54%	0.445%
95	21.376	3117	3121	3123	rBV5	7756	11000	1.63%	0.160%
96	21.746	3176	3184	3190	rBV	373128	660400	97.88%	9.589%
97	24.801	3695	3704	3715	rVB	137677	397589	58.93%	5.773%
98	25.036	3733	3744	3754	rVB2	222042	674731	100.00%	9.798%
99	26.217	3938	3945	3947	rBV8	15932	31832	4.72%	0.462%
100	26.799	4043	4044	4045	rBV	4585	1839	0.27%	0.027%

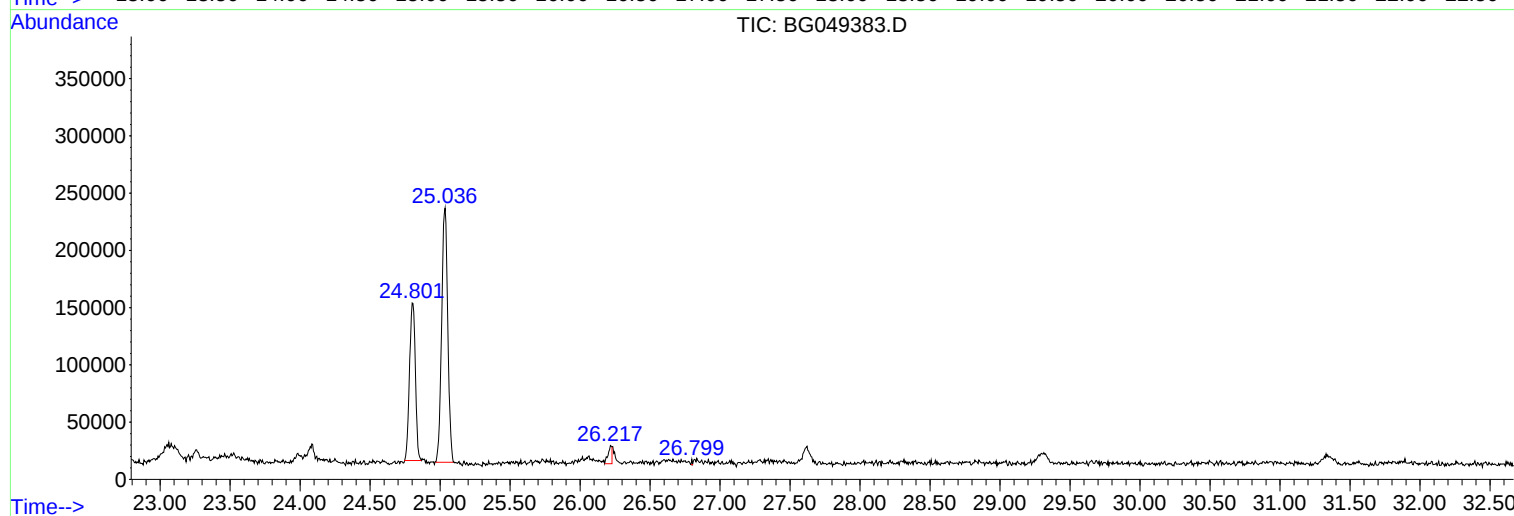
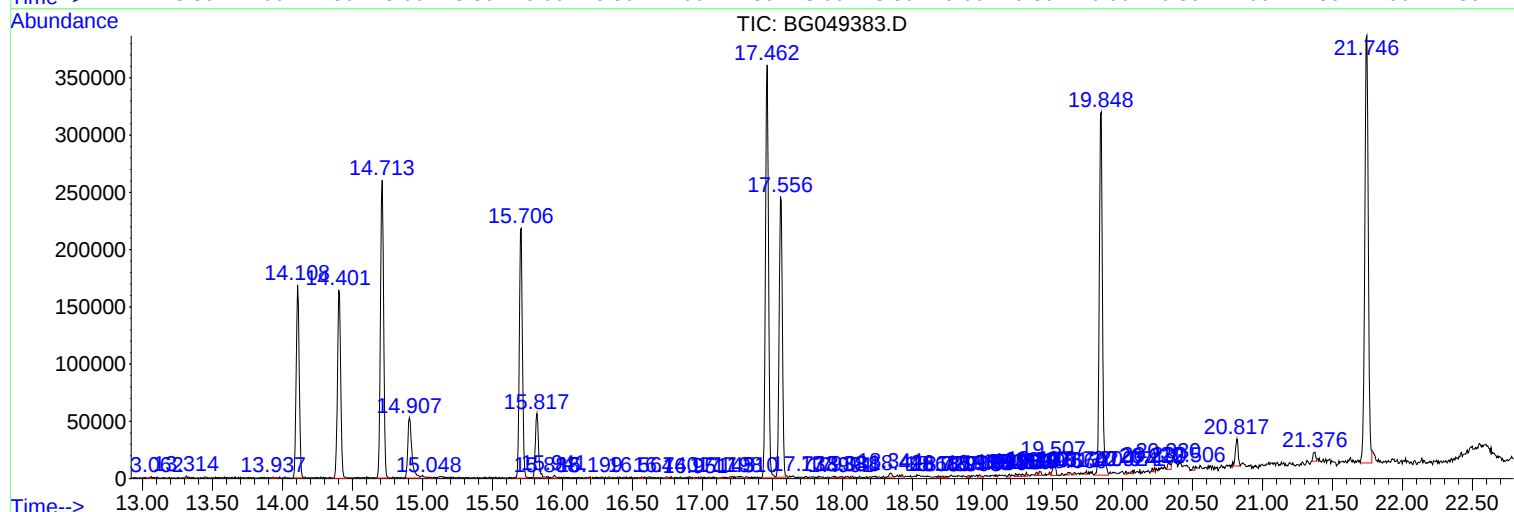
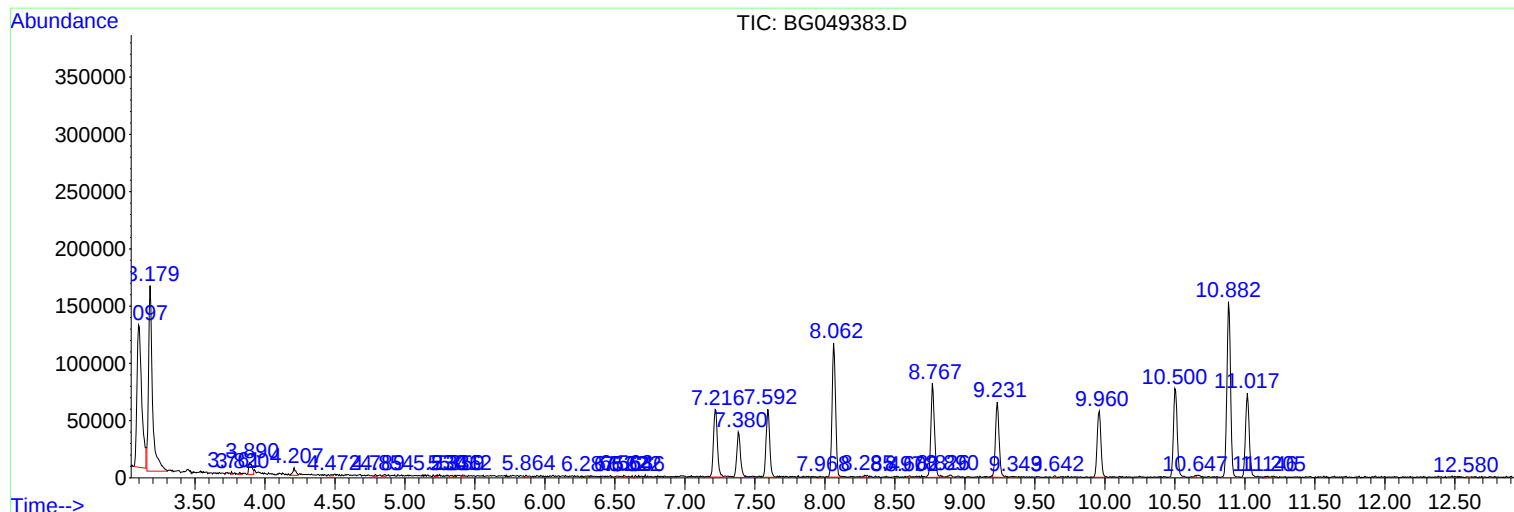
Sum of corrected areas: 6886758

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P



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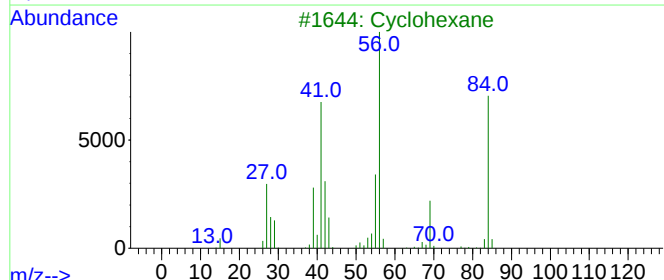
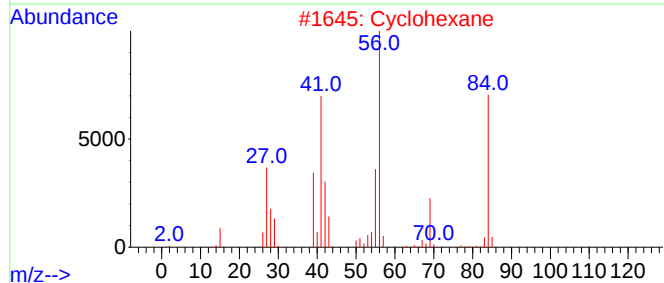
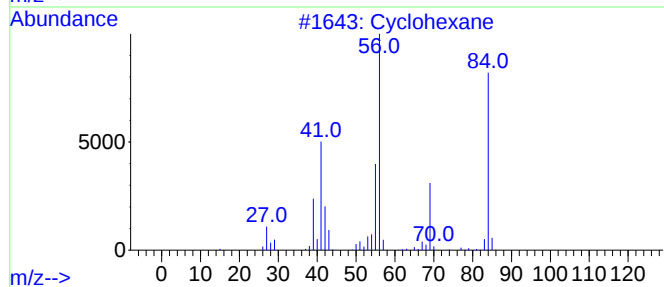
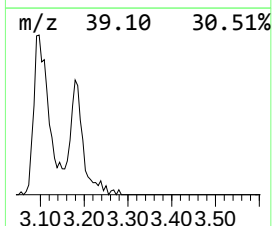
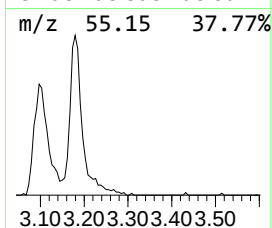
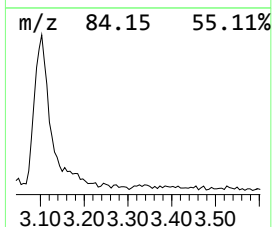
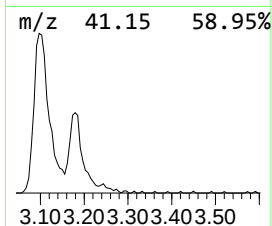
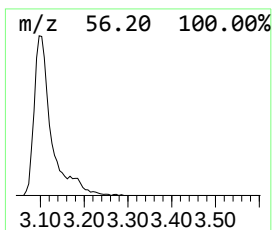
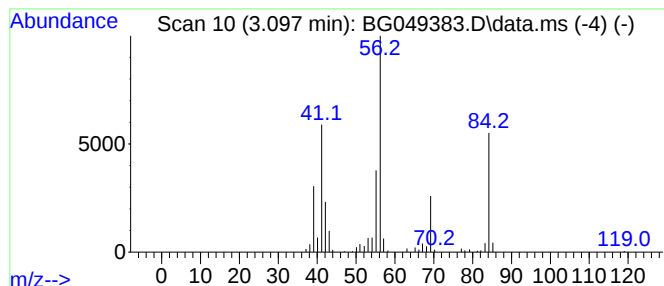
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Cyclic3.10 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.100	29.24 ng/ul	294684	1,4-Dichlorobenzene-d4	8.062

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane	84	C6H12	000110-82-7	94
2			Cyclohexane	84	C6H12	000110-82-7	91
3			Cyclohexane	84	C6H12	000110-82-7	91
4			Cyclohexane	84	C6H12	000110-82-7	87
5			Cyclopentane, methyl-	84	C6H12	000096-37-7	83



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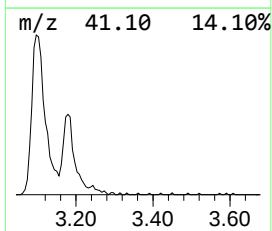
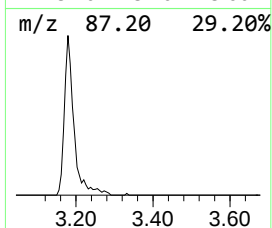
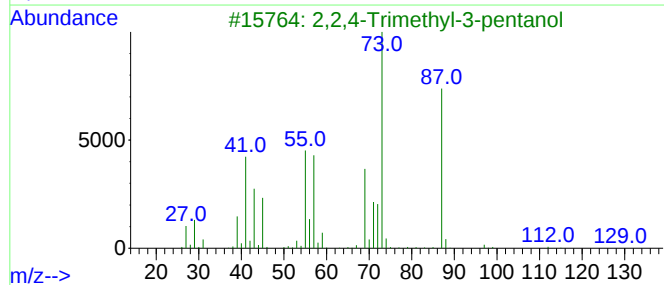
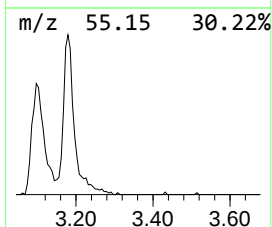
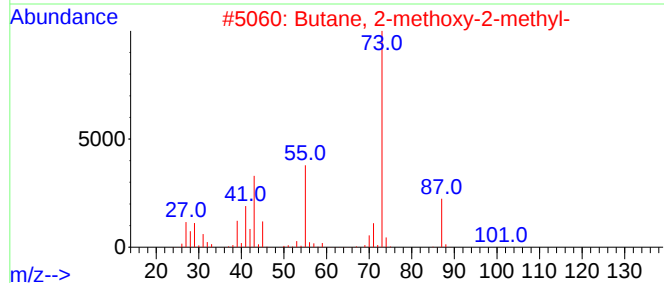
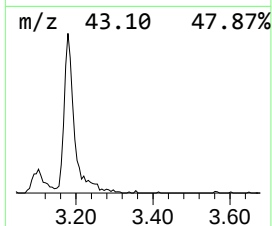
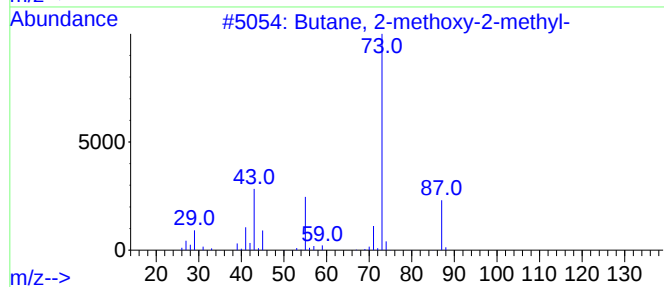
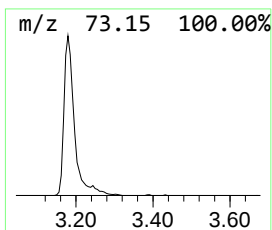
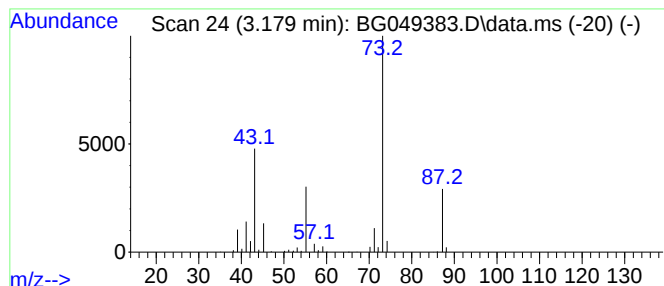
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.180	31.28 ng/ul	315244	1,4-Dichlorobenzene-d4	8.062

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
5			3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	40



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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: C...	3.100	29.2	ng/ul	294684	1	8.062	201573	20.0
Butane, 2-metho...	3.180	31.3	ng/ul	315244	1	8.062	201573	20.0