

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111915\
 Data File : BG019710.D
 Acq On : 19 Nov 2015 18:13
 Operator : UM/NP
 Sample : G4310-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9KM8

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	3.086	37	42	51	rBV	29040	50400	3.53%	0.382%
2	3.168	51	56	67	rVB	104756	150432	10.53%	1.139%
3	3.450	99	104	112	rBV	6379	9506	0.67%	0.072%
4	5.178	395	398	405	rVB3	3657	6267	0.44%	0.047%
5	7.293	752	758	769	rVB	127527	226976	15.89%	1.718%
6	7.463	778	787	794	rBV	105215	166029	11.62%	1.257%
7	7.675	816	823	830	rBV	125653	208068	14.57%	1.575%
8	8.151	897	904	911	rBV	96576	161121	11.28%	1.220%
9	8.856	1017	1024	1032	rBV	171006	285760	20.00%	2.163%
10	9.320	1094	1103	1113	rVB	131524	236279	16.54%	1.789%
11	10.049	1220	1227	1236	rBV	123362	206607	14.46%	1.564%
12	10.278	1260	1266	1277	rBV4	19307	37598	2.63%	0.285%
13	10.595	1313	1320	1327	rBV	165546	292967	20.51%	2.218%
14	10.730	1339	1343	1346	rBV2	1875	2511	0.18%	0.019%
15	10.977	1378	1385	1394	rBB	138314	241185	16.88%	1.826%
16	11.106	1400	1407	1415	rBV	147467	269038	18.83%	2.037%
17	11.758	1514	1518	1521	rBV	1834	2171	0.15%	0.016%
18	12.557	1647	1654	1660	rBB2	2439	4294	0.30%	0.033%
19	13.057	1734	1739	1748	rBV2	22049	38857	2.72%	0.294%
20	13.139	1748	1753	1758	rVV3	5354	8502	0.60%	0.064%
21	13.386	1791	1795	1800	rVB2	9454	14001	0.98%	0.106%
22	13.586	1826	1829	1833	rVB2	3287	4168	0.29%	0.032%
23	14.179	1922	1930	1934	rBV	399839	562372	39.37%	4.257%
24	14.226	1934	1938	1945	rVB	156625	213589	14.95%	1.617%
25	14.355	1956	1960	1964	rBV3	1578	2671	0.19%	0.020%
26	14.402	1964	1968	1974	rVV3	3541	5921	0.41%	0.045%
27	14.479	1974	1981	1991	rVB	379186	584413	40.91%	4.424%
28	14.655	2005	2011	2015	rBV	15360	18537	1.30%	0.140%
29	14.784	2027	2033	2042	rVB3	263836	409724	28.68%	3.102%
30	14.972	2058	2065	2077	rBV	201955	322716	22.59%	2.443%
31	15.096	2079	2086	2093	rBV6	2432	5799	0.41%	0.044%
32	15.154	2093	2096	2098	rBV2	2410	2559	0.18%	0.019%
33	15.266	2112	2115	2119	rBV2	3877	5510	0.39%	0.042%
34	15.337	2124	2127	2135	rVB5	3200	4092	0.29%	0.031%

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35	15.548	2160	2163	2167	rBV3	4184	5421	0.38%	0.041%
36	15.601	2167	2172	2178	rVB2	21154	28615	2.00%	0.217%
37	15.660	2178	2182	2187	rVB2	2988	4675	0.33%	0.035%
38	15.724	2187	2193	2195	rBV4	2900	4933	0.35%	0.037%
39	15.771	2195	2201	2208	rVV	556739	811926	56.84%	6.146%
40	15.883	2214	2220	2229	rVB	223126	318798	22.32%	2.413%
41	16.012	2235	2242	2245	rVB4	11592	21715	1.52%	0.164%
42	16.042	2245	2247	2252	rBV3	1970	3219	0.23%	0.024%
43	16.094	2254	2256	2260	rVV3	2831	3327	0.23%	0.025%
44	16.159	2263	2267	2272	rBV4	3381	6255	0.44%	0.047%
45	16.218	2272	2277	2281	rBV4	4216	5595	0.39%	0.042%
46	16.400	2304	2308	2310	rBV4	2082	2773	0.19%	0.021%
47	16.459	2312	2318	2321	rBV2	23872	34886	2.44%	0.264%
48	16.582	2337	2339	2343	rBV2	5937	7861	0.55%	0.060%
49	16.647	2346	2350	2355	rVV5	7144	10477	0.73%	0.079%
50	16.711	2357	2361	2365	rVV7	5042	7910	0.55%	0.060%
51	16.747	2365	2367	2372	rVB4	4198	5446	0.38%	0.041%
52	16.800	2372	2376	2379	rBV4	4076	6433	0.45%	0.049%
53	16.858	2384	2386	2389	rVB3	4800	4768	0.33%	0.036%
54	16.917	2389	2396	2401	rVB6	7078	14591	1.02%	0.110%
55	16.970	2401	2405	2410	rBV4	9735	14483	1.01%	0.110%
56	17.017	2410	2413	2414	rBV2	1799	2039	0.14%	0.015%
57	17.252	2448	2453	2457	rVB4	12192	16025	1.12%	0.121%
58	17.299	2457	2461	2466	rBV4	4989	7814	0.55%	0.059%
59	17.405	2478	2479	2483	rVB3	2087	2238	0.16%	0.017%
60	17.522	2493	2499	2506	rBV	416480	638304	44.68%	4.832%
61	17.622	2510	2516	2524	rVB	679156	1016831	71.18%	7.697%
62	17.986	2574	2578	2582	rBV4	3221	5266	0.37%	0.040%
63	18.292	2627	2630	2633	rVB4	5206	6317	0.44%	0.048%
64	18.380	2641	2645	2651	rBV2	11958	19039	1.33%	0.144%
65	18.680	2692	2696	2700	rVB3	3732	6427	0.45%	0.049%
66	18.897	2726	2733	2737	rBV2	11764	17478	1.22%	0.132%
67	18.979	2745	2747	2751	rBV2	6976	7169	0.50%	0.054%
68	19.150	2772	2776	2780	rBV5	9309	13233	0.93%	0.100%
69	19.232	2786	2790	2795	rBV2	25334	31375	2.20%	0.238%
70	19.302	2798	2802	2808	rVB4	10587	18840	1.32%	0.143%
71	19.532	2839	2841	2849	rVB5	9762	19067	1.33%	0.144%

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72	19.773	2879	2882	2889	rVB2	32195	43733	3.06%	0.331%
73	19.843	2891	2894	2895	rVV2	10040	8971	0.63%	0.068%
74	19.896	2897	2903	2912	rVB	960698	1386664	97.07%	10.497%
75	20.301	2968	2972	2977	rBV	28930	35710	2.50%	0.270%
76	20.354	2977	2981	2986	rBV4	12124	25046	1.75%	0.190%
77	20.513	3006	3008	3012	rVB2	14058	14632	1.02%	0.111%
78	20.666	3031	3034	3039	rBV7	12120	21043	1.47%	0.159%
79	20.777	3050	3053	3059	rVB3	43108	61980	4.34%	0.469%
80	20.995	3086	3090	3094	rBV3	17779	27154	1.90%	0.206%
81	21.042	3094	3098	3102	rVV	36860	46500	3.26%	0.352%
82	21.083	3102	3105	3106	rVV2	7005	7821	0.55%	0.059%
83	21.112	3107	3110	3114	rVB2	14129	17743	1.24%	0.134%
84	21.400	3154	3159	3166	rBV2	38530	58578	4.10%	0.443%
85	21.553	3181	3185	3191	rVB4	12802	22093	1.55%	0.167%
86	21.688	3205	3208	3211	rBV5	5990	10561	0.74%	0.080%
87	21.794	3219	3226	3236	rVB	584032	971885	68.03%	7.357%
88	22.793	3394	3396	3399	rVB3	3705	3326	0.23%	0.025%
89	23.486	3511	3514	3519	rBV2	8507	11459	0.80%	0.087%
90	23.615	3534	3536	3537	rBV	3384	2171	0.15%	0.016%
91	23.879	3579	3581	3584	rBV5	2496	2862	0.20%	0.022%
92	23.944	3589	3592	3593	rBV3	5395	5062	0.35%	0.038%
93	24.120	3617	3622	3631	rVB8	13021	30256	2.12%	0.229%
94	24.402	3668	3670	3678	rVB6	12767	25010	1.75%	0.189%
95	24.890	3740	3753	3766	rVB	519434	1428517	100.00%	10.814%
96	25.113	3779	3791	3803	rBV	323162	916174	64.13%	6.936%
97	26.259	3978	3986	3995	rVB7	16179	48127	3.37%	0.364%
98	27.657	4218	4224	4237	rVB6	17276	58855	4.12%	0.446%
99	29.038	4457	4459	4462	rBV2	3142	3499	0.24%	0.026%
100	30.266	4666	4668	4670	rBV	2779	2246	0.16%	0.017%

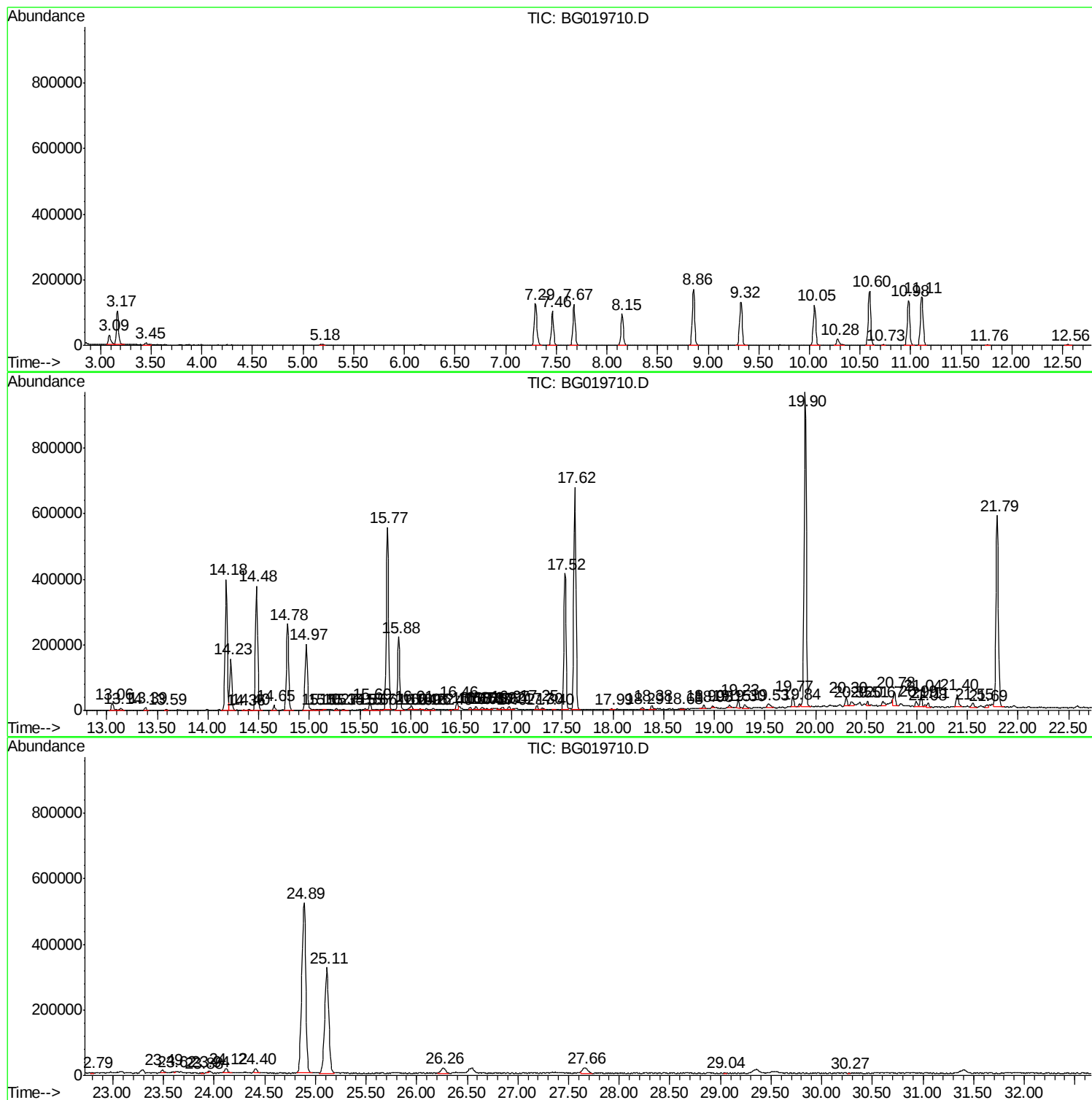
Sum of corrected areas: 13209887

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Quant Title : SVOA CALIBRATION

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



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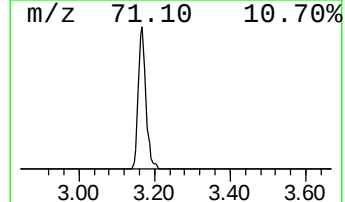
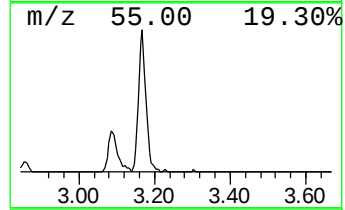
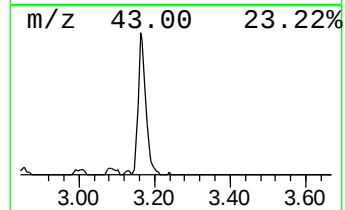
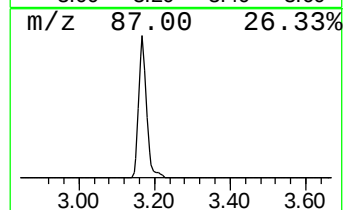
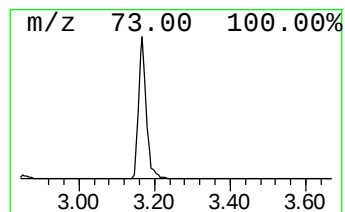
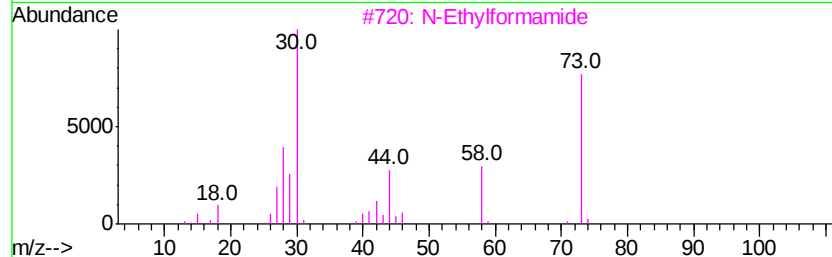
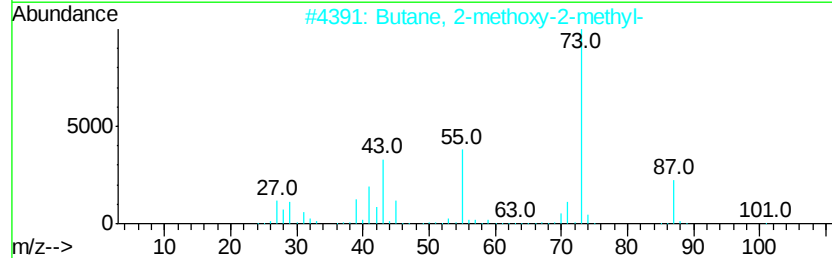
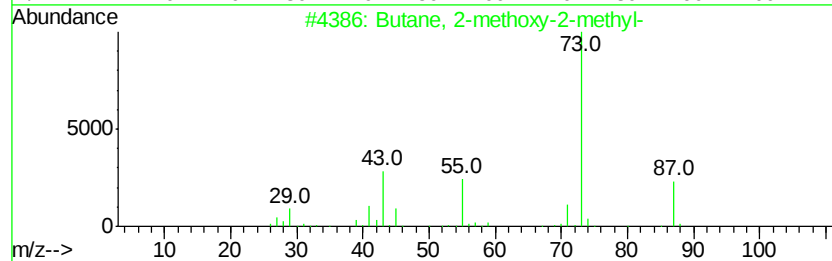
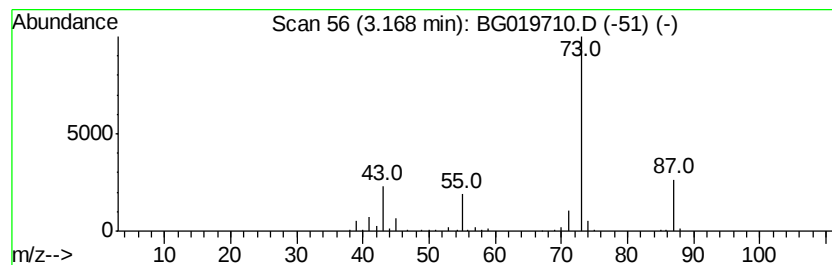
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	18.67 ng/ul	150432	1,4-Dichlorobenzene-d4	8.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	39
3			N-Ethylformamide	73	C3H7NO	000627-45-2	9
4			3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9
5			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



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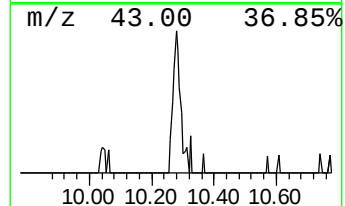
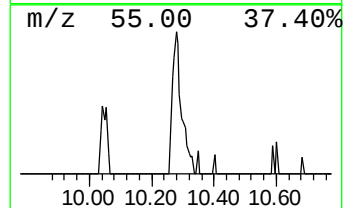
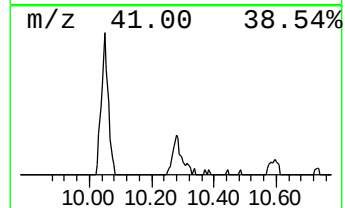
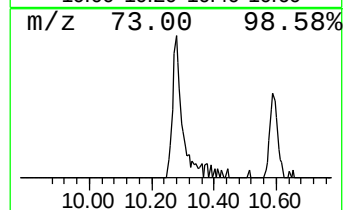
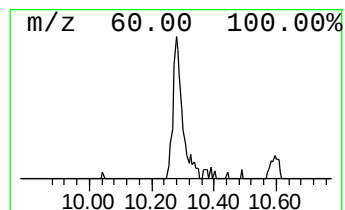
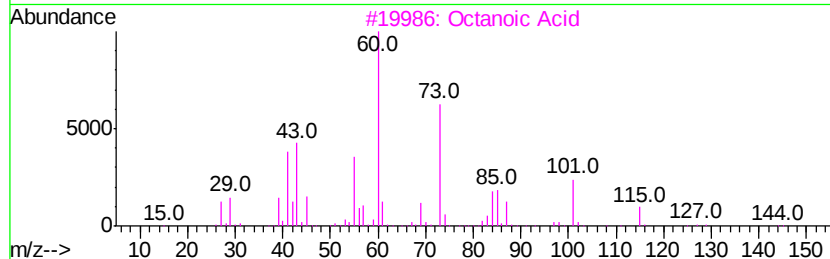
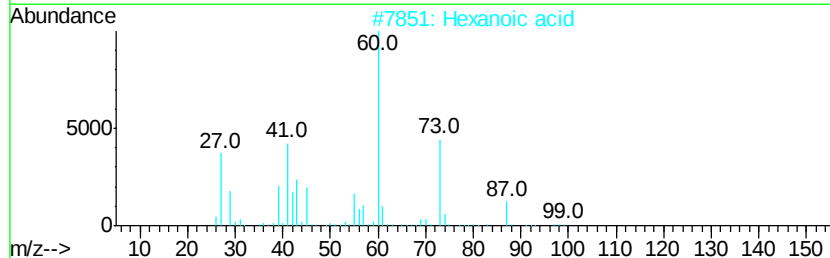
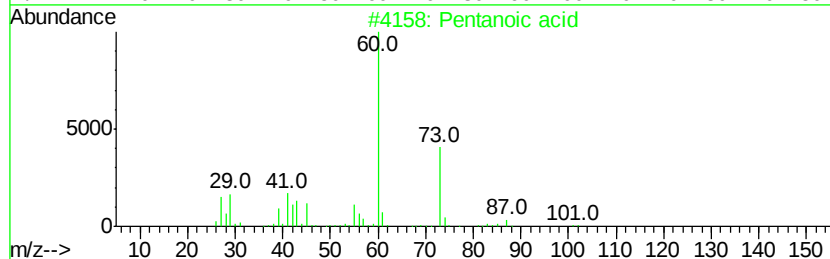
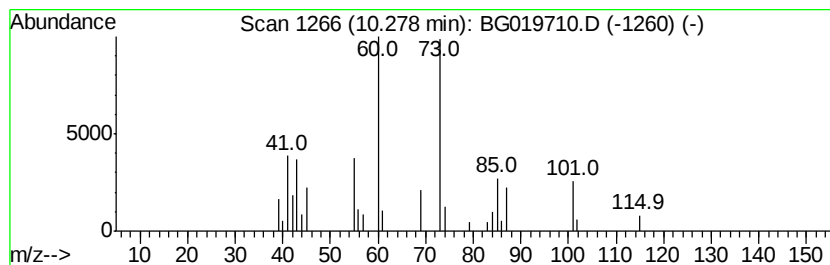
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 Pentanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	3.12 ng/ul	37598	Napthalene-d8	10.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentanoic acid	102	C5H10O2	000109-52-4	53
2		Hexanoic acid	116	C6H12O2	000142-62-1	50
3		Octanoic Acid	144	C8H16O2	000124-07-2	45
4		Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	38
5		Hexanoic acid	116	C6H12O2	000142-62-1	37



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.17	18.7	ng/ul	150432	1	8.15	161121	20.0
Pentanoic acid	10.28	3.1	ng/ul	37598	2	10.98	241185	20.0