

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
 Data File : BG019683.D
 Acq On : 18 Nov 2015 5:56
 Operator : UM/NP
 Sample : G4427-17
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC7A3

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	3.084	37	42	51	rBV2	32910	60793	5.37%	0.495%
2	3.166	51	56	68	rVB	319024	448161	39.57%	3.651%
3	3.442	99	103	110	rBV2	5460	8726	0.77%	0.071%
4	5.176	395	398	404	rBV2	2338	3400	0.30%	0.028%
5	5.904	518	522	526	rVB3	1017	1868	0.16%	0.015%
6	6.509	620	625	630	rBV2	2003	2975	0.26%	0.024%
7	7.297	751	759	769	rVB	129670	235767	20.82%	1.921%
8	7.461	781	787	794	rBV	104728	162028	14.31%	1.320%
9	7.673	817	823	831	rVB	122473	207169	18.29%	1.688%
10	8.049	884	887	890	rBV3	2100	3157	0.28%	0.026%
11	8.149	897	904	911	rVB2	99257	159056	14.04%	1.296%
12	8.343	934	937	940	rBV3	1728	2309	0.20%	0.019%
13	8.401	943	947	949	rVV	1587	2708	0.24%	0.022%
14	8.419	949	950	955	rVB2	2436	2909	0.26%	0.024%
15	8.854	1017	1024	1034	rVB	175986	296934	26.22%	2.419%
16	9.324	1097	1104	1112	rVB	130279	231081	20.40%	1.883%
17	9.430	1117	1122	1134	rVB3	10617	23891	2.11%	0.195%
18	10.005	1214	1220	1221	rBV2	1395	2391	0.21%	0.019%
19	10.047	1221	1227	1235	rVB2	117906	210898	18.62%	1.718%
20	10.593	1313	1320	1329	rBV	180292	313893	27.71%	2.557%
21	10.728	1336	1343	1348	rBV2	4205	7751	0.68%	0.063%
22	10.975	1378	1385	1392	rBV	148857	254586	22.48%	2.074%
23	11.104	1401	1407	1416	rBV	152612	281029	24.81%	2.290%
24	11.756	1512	1518	1521	rBV2	5376	8543	0.75%	0.070%
25	11.968	1551	1554	1559	rBV	3242	5470	0.48%	0.045%
26	12.432	1626	1633	1635	rVB2	1120	1861	0.16%	0.015%
27	13.137	1748	1753	1758	rVB4	7225	10974	0.97%	0.089%
28	13.384	1786	1795	1800	rBV2	12139	17853	1.58%	0.145%
29	13.431	1800	1803	1808	rVB4	3550	5125	0.45%	0.042%
30	13.584	1826	1829	1833	rBV	2605	3360	0.30%	0.027%
31	13.666	1838	1843	1845	rVV2	1397	1904	0.17%	0.016%
32	13.695	1845	1848	1852	rVB2	3745	5372	0.47%	0.044%
33	14.177	1923	1930	1934	rBV	359182	526244	46.46%	4.288%
34	14.224	1934	1938	1946	rVB	388301	533276	47.08%	4.345%

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35	14.400	1965	1968	1971	rVB2	3303	3620	0.32%	0.029%
36	14.477	1974	1981	1988	rVV	341503	535895	47.31%	4.366%
37	14.653	2007	2011	2016	rBV2	10677	13104	1.16%	0.107%
38	14.782	2026	2033	2041	rVB3	280364	431158	38.07%	3.513%
39	14.970	2058	2065	2077	rBV	179590	290528	25.65%	2.367%
40	15.158	2092	2097	2100	rBV5	1676	3452	0.30%	0.028%
41	15.258	2112	2114	2121	rVV2	1789	3515	0.31%	0.029%
42	15.340	2125	2128	2130	rVB2	2509	2752	0.24%	0.022%
43	15.552	2161	2164	2168	rBV	6688	9995	0.88%	0.081%
44	15.599	2168	2172	2178	rVB2	15868	21677	1.91%	0.177%
45	15.663	2178	2183	2184	rBV2	2649	3792	0.33%	0.031%
46	15.769	2190	2201	2209	rVB	502381	753829	66.55%	6.142%
47	15.881	2215	2220	2229	rBV	150856	216930	19.15%	1.767%
48	16.004	2235	2241	2246	rBV5	8905	15606	1.38%	0.127%
49	16.040	2246	2247	2252	rVB2	1716	1928	0.17%	0.016%
50	16.104	2254	2258	2261	rVB3	2558	3100	0.27%	0.025%
51	16.151	2263	2266	2269	rBV2	2487	2556	0.23%	0.021%
52	16.222	2276	2278	2281	rVB3	3681	3653	0.32%	0.030%
53	16.280	2284	2288	2290	rVV3	2018	2980	0.26%	0.024%
54	16.304	2290	2292	2295	rVB2	1758	1921	0.17%	0.016%
55	16.457	2314	2318	2321	rBV2	15710	18973	1.68%	0.155%
56	16.486	2321	2323	2329	rVB3	7460	9339	0.82%	0.076%
57	16.586	2337	2340	2345	rVB	5678	7808	0.69%	0.064%
58	16.645	2345	2350	2355	rBV6	6345	11513	1.02%	0.094%
59	16.692	2355	2358	2359	rVV2	5492	4570	0.40%	0.037%
60	16.709	2359	2361	2365	rVB3	7244	7496	0.66%	0.061%
61	16.750	2365	2368	2373	rVB4	4274	5854	0.52%	0.048%
62	16.797	2373	2376	2377	rBV3	3113	3477	0.31%	0.028%
63	16.909	2389	2395	2400	rVB4	6806	13881	1.23%	0.113%
64	16.974	2400	2406	2409	rBV4	7936	13124	1.16%	0.107%
65	17.250	2447	2453	2457	rBV2	9936	13587	1.20%	0.111%
66	17.303	2458	2462	2467	rVB4	4677	6819	0.60%	0.056%
67	17.520	2493	2499	2505	rBV	413799	617038	54.48%	5.027%
68	17.620	2510	2516	2526	rVB2	616315	914765	80.76%	7.453%
69	17.761	2538	2540	2542	rBV2	2904	1957	0.17%	0.016%
70	17.873	2555	2559	2562	rBV4	4501	6624	0.58%	0.054%
71	17.984	2573	2578	2581	rVB3	6467	7777	0.69%	0.063%

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72	18.020	2581	2584	2585	rBV	1781	2052	0.18%	0.017%
73	18.260	2623	2625	2627	rBV2	1712	1943	0.17%	0.016%
74	18.284	2627	2629	2633	rVB4	3496	4625	0.41%	0.038%
75	18.378	2642	2645	2651	rBV4	9491	13045	1.15%	0.106%
76	18.584	2677	2680	2684	rBV5	4069	6377	0.56%	0.052%
77	18.672	2690	2695	2699	rBV4	4085	6193	0.55%	0.050%
78	18.772	2709	2712	2714	rBV4	3284	4461	0.39%	0.036%
79	18.889	2726	2732	2737	rBV6	7196	15088	1.33%	0.123%
80	18.983	2745	2748	2752	rBV4	4746	5299	0.47%	0.043%
81	19.148	2774	2776	2779	rVB3	5869	5677	0.50%	0.046%
82	19.230	2786	2790	2795	rBV4	11598	15550	1.37%	0.127%
83	19.294	2799	2801	2806	rVB5	5936	7283	0.64%	0.059%
84	19.530	2836	2841	2842	rBV2	10761	15241	1.35%	0.124%
85	19.559	2843	2846	2852	rVB	26169	39242	3.46%	0.320%
86	19.606	2852	2854	2856	rBV3	3792	3168	0.28%	0.026%
87	19.653	2858	2862	2864	rBV5	5252	7199	0.64%	0.059%
88	19.776	2879	2883	2891	rVB4	16658	28338	2.50%	0.231%
89	19.894	2896	2903	2913	rBV	802303	1120801	98.95%	9.132%
90	20.711	3039	3042	3043	rBV3	7625	5329	0.47%	0.043%
91	20.775	3050	3053	3058	rVB	20685	30583	2.70%	0.249%
92	20.993	3087	3090	3095	rVB4	11256	16688	1.47%	0.136%
93	21.040	3095	3098	3102	rBV	23056	26902	2.38%	0.219%
94	21.398	3157	3159	3164	rVB6	17452	19400	1.71%	0.158%
95	21.651	3199	3202	3209	rVB	38101	50651	4.47%	0.413%
96	21.792	3219	3226	3232	rBV	519795	853510	75.35%	6.954%
97	24.312	3651	3655	3658	rBV5	6739	11262	0.99%	0.092%
98	24.882	3742	3752	3763	rBV2	423628	1132660	100.00%	9.228%
99	25.111	3781	3791	3801	rVB2	274774	788312	69.60%	6.423%
100	28.337	4338	4340	4344	rBV4	8053	6972	0.62%	0.057%

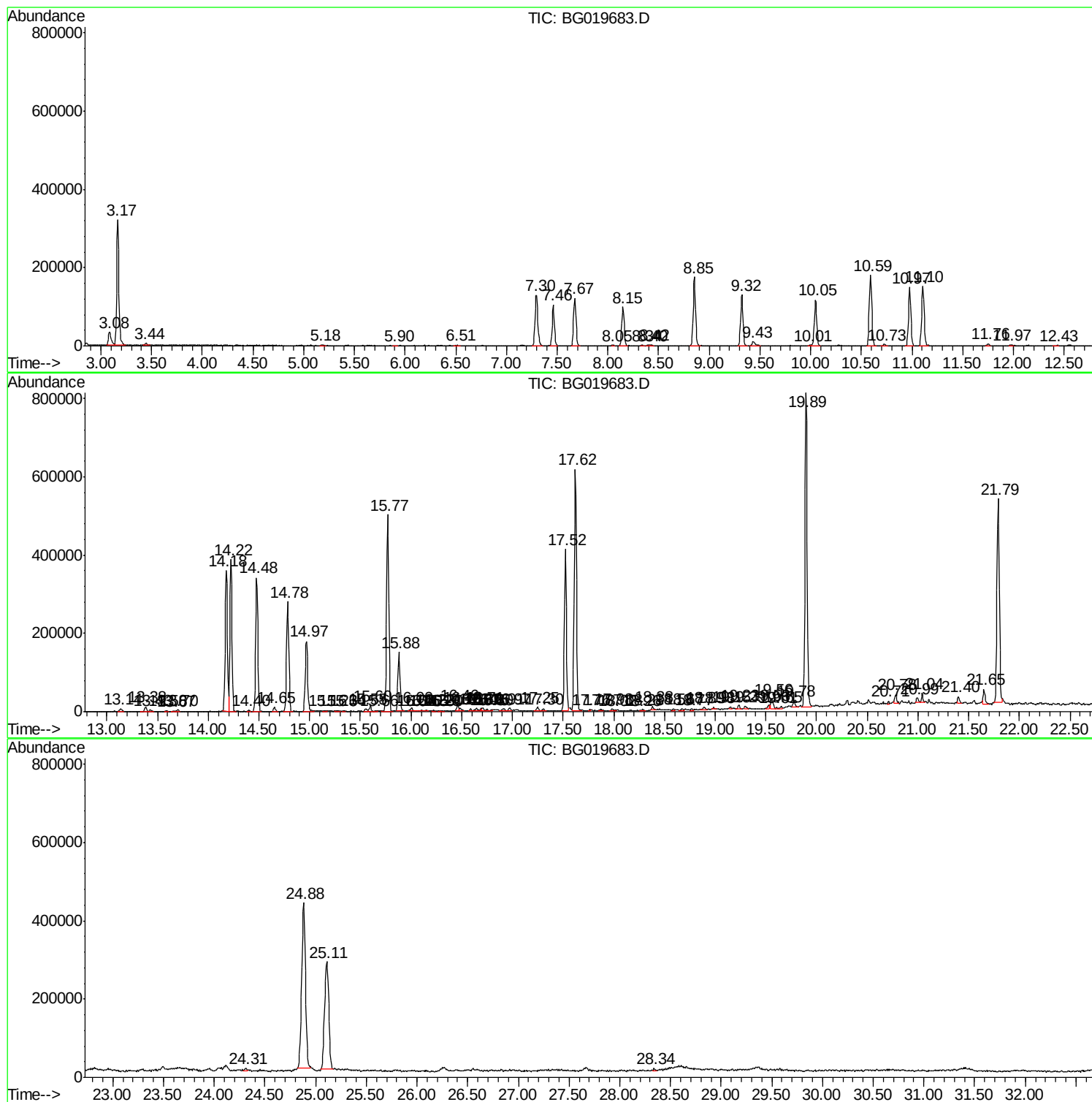
Sum of corrected areas: 12273906

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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



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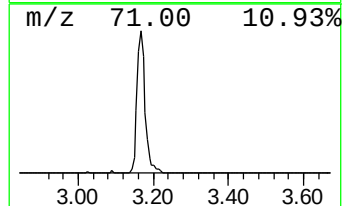
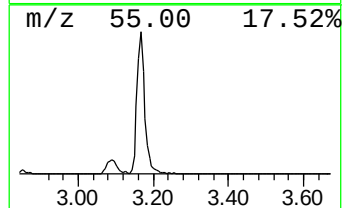
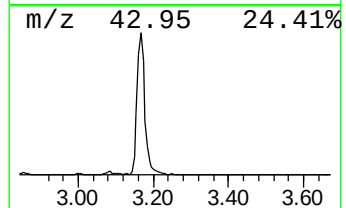
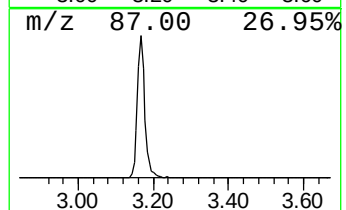
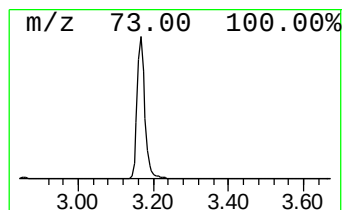
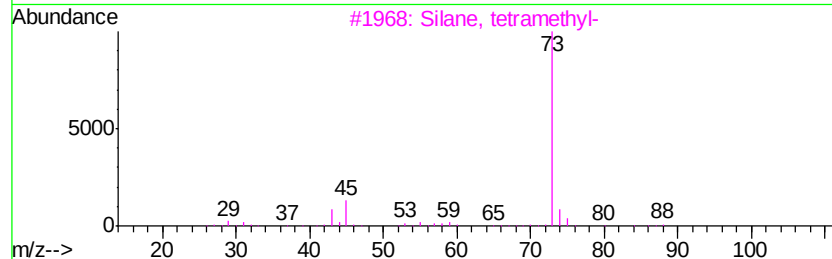
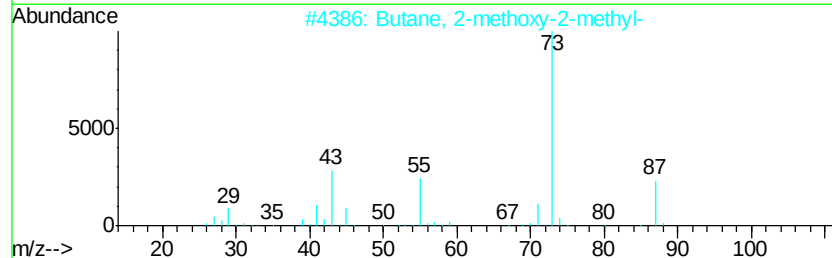
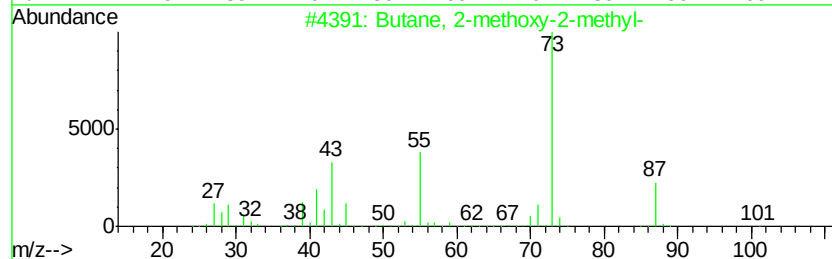
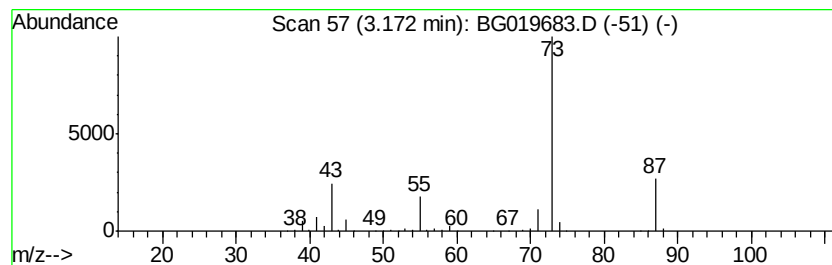
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

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	56.35 ng/ul	448161	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	56
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	50
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4		N-Ethylformamide	73	C3H7NO	000627-45-2	9
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



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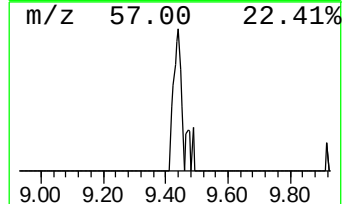
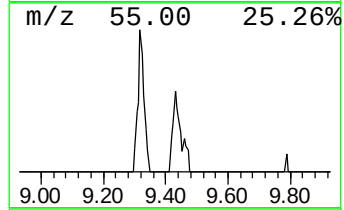
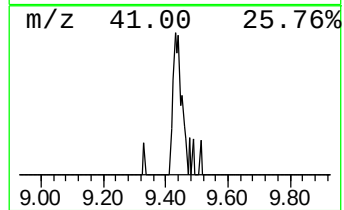
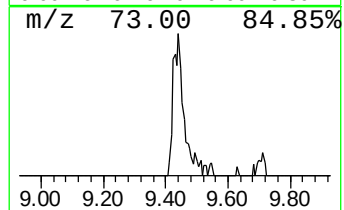
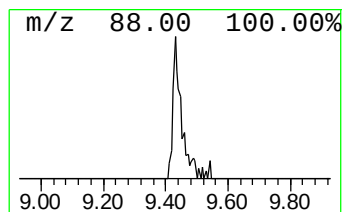
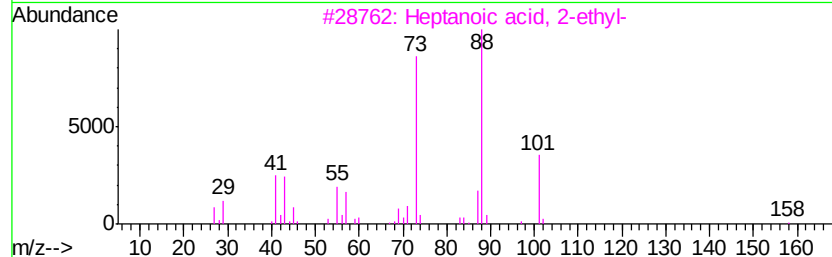
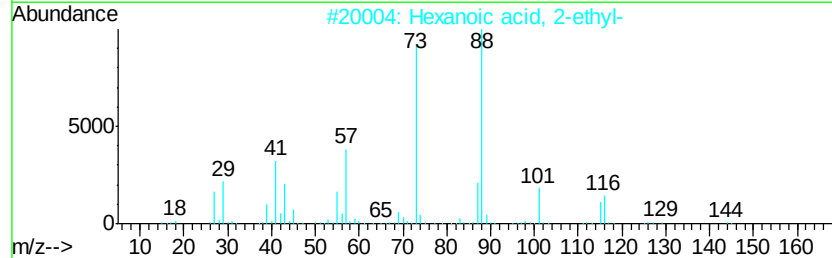
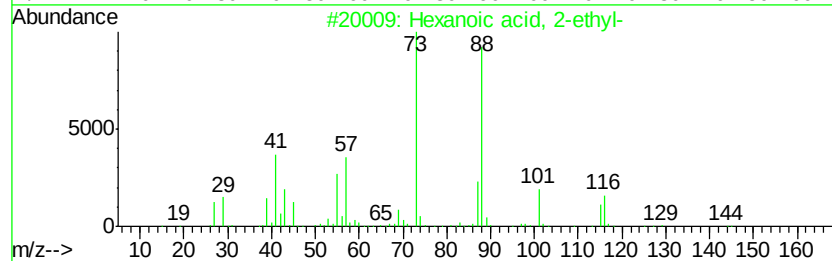
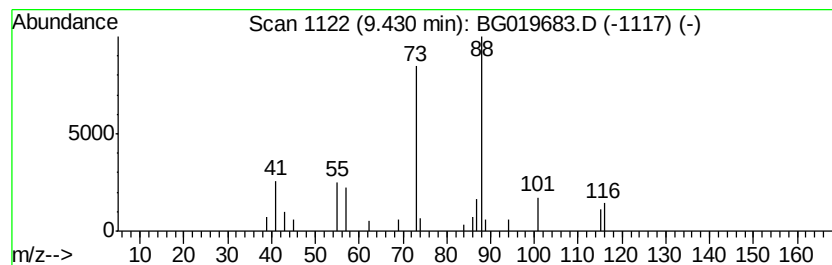
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 Hexanoic acid, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	3.00 ng/ul	23891	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	78
2		Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	78
3		Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	50
4		Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	40
5		Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	36



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.17	56.4	ng/ul	448161	1	8.15	159056	20.0
Hexanoic acid, 2-...	9.43	3.0	ng/ul	23891	1	8.15	159056	20.0