

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122015\
 Data File : BG020346.D
 Acq On : 20 Dec 2015 17:27
 Operator : UM/SJ
 Sample : G4803-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C04C0

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-BG121415.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	2.897	8	10	14	rVB4	1360	1353	0.33%	0.049%
2	3.114	41	47	56	rBV2	33745	64378	15.60%	2.332%
3	3.190	56	60	71	rVB	21513	33456	8.11%	1.212%
4	4.489	278	281	285	rVB2	651	1093	0.26%	0.040%
5	5.176	392	398	402	rBV2	3307	5761	1.40%	0.209%
6	5.535	456	459	464	rVB3	1108	1731	0.42%	0.063%
7	7.092	718	724	730	rBB3	1939	2932	0.71%	0.106%
8	7.268	748	754	763	rBB5	4857	11147	2.70%	0.404%
9	7.415	772	779	785	rBB	9890	16312	3.95%	0.591%
10	7.626	810	815	821	rBV	11907	19714	4.78%	0.714%
11	8.096	887	895	902	rBV	62514	105704	25.61%	3.830%
12	8.813	1010	1017	1023	rBV2	11136	18580	4.50%	0.673%
13	9.260	1087	1093	1101	rBV	13135	22644	5.49%	0.820%
14	9.389	1109	1115	1121	rBB3	9853	16777	4.07%	0.608%
15	9.653	1156	1160	1163	rBB2	1544	2108	0.51%	0.076%
16	9.988	1211	1217	1224	rBB2	10457	17140	4.15%	0.621%
17	10.535	1305	1310	1318	rBB	16326	27548	6.68%	0.998%
18	10.911	1367	1374	1383	rBB	92918	162433	39.36%	5.885%
19	13.531	1817	1820	1825	rBB	2606	3096	0.75%	0.112%
20	14.125	1915	1921	1925	rVV	33172	47112	11.42%	1.707%
21	14.172	1925	1929	1936	rVV	81181	113480	27.50%	4.111%
22	14.418	1965	1971	1978	rBV	35826	53142	12.88%	1.925%
23	14.601	1997	2002	2006	rVB2	8677	11296	2.74%	0.409%
24	14.683	2011	2016	2017	rVB2	926	1093	0.26%	0.040%
25	14.724	2017	2023	2032	rBV3	151692	245689	59.53%	8.901%
26	14.941	2056	2060	2067	rBV3	3211	5322	1.29%	0.193%
27	15.041	2074	2077	2079	rBV	1489	1958	0.47%	0.071%
28	15.100	2083	2087	2089	rBV	1542	2128	0.52%	0.077%
29	15.118	2089	2090	2093	rVV	1509	1176	0.28%	0.043%
30	15.159	2093	2097	2099	rVV3	1473	2124	0.51%	0.077%
31	15.217	2102	2107	2111	rVV3	2180	3956	0.96%	0.143%
32	15.288	2114	2119	2122	rBB2	1455	2161	0.52%	0.078%
33	15.500	2151	2155	2158	rVV	2962	3902	0.95%	0.141%
34	15.547	2158	2163	2168	rVV	13361	16932	4.10%	0.613%

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35	15.605	2168	2173	2176	rVV	1612	2499	0.61%	0.091%
36	15.635	2176	2178	2180	rVV	1066	1271	0.31%	0.046%
37	15.711	2186	2191	2198	rVV	49944	73493	17.81%	2.663%
38	15.764	2198	2200	2204	rVB2	1013	1178	0.29%	0.043%
39	15.829	2207	2211	2216	rBV2	5626	8525	2.07%	0.309%
40	15.946	2224	2231	2236	rBV3	3792	8991	2.18%	0.326%
41	15.993	2236	2239	2244	rVB2	1498	1641	0.40%	0.059%
42	16.040	2244	2247	2254	rBV3	2156	3630	0.88%	0.132%
43	16.099	2254	2257	2266	rBV2	2246	3178	0.77%	0.115%
44	16.169	2266	2269	2272	rBV2	2483	3204	0.78%	0.116%
45	16.357	2297	2301	2304	rBV2	1103	1650	0.40%	0.060%
46	16.404	2305	2309	2321	rBV2	14179	25590	6.20%	0.927%
47	16.598	2338	2342	2343	rVB4	1579	1652	0.40%	0.060%
48	16.669	2351	2354	2357	rVB2	1095	1361	0.33%	0.049%
49	16.751	2363	2368	2372	rBV3	2385	4383	1.06%	0.159%
50	16.810	2375	2378	2381	rVB2	2113	3067	0.74%	0.111%
51	16.869	2384	2388	2392	rVB4	1833	3184	0.77%	0.115%
52	16.921	2392	2397	2399	rBV3	1874	2575	0.62%	0.093%
53	17.057	2416	2420	2423	rVB4	844	1330	0.32%	0.048%
54	17.198	2440	2444	2448	rVV	11763	14368	3.48%	0.521%
55	17.256	2450	2454	2458	rVV4	3948	5047	1.22%	0.183%
56	17.356	2464	2471	2476	rVB5	998	2016	0.49%	0.073%
57	17.468	2484	2490	2496	rBV2	201121	301235	72.99%	10.914%
58	17.515	2496	2498	2500	rVV3	2390	2751	0.67%	0.100%
59	17.568	2500	2507	2514	rVB	54648	82254	19.93%	2.980%
60	17.626	2514	2517	2520	rVB3	1417	1423	0.34%	0.052%
61	17.673	2520	2525	2527	rBV3	1129	1609	0.39%	0.058%
62	17.826	2544	2551	2558	rBV6	4814	10542	2.55%	0.382%
63	17.938	2565	2570	2576	rBV3	7136	10537	2.55%	0.382%
64	18.120	2597	2601	2607	rVB3	1428	2647	0.64%	0.096%
65	18.243	2621	2622	2626	rVB3	1112	1200	0.29%	0.043%
66	18.337	2634	2638	2643	rBV2	10757	14011	3.39%	0.508%
67	18.378	2643	2645	2648	rVV4	1028	1320	0.32%	0.048%
68	18.414	2648	2651	2654	rVB4	2025	2782	0.67%	0.101%
69	18.631	2682	2688	2692	rBV5	3939	6900	1.67%	0.250%
70	18.749	2704	2708	2710	rBV3	892	1075	0.26%	0.039%
71	18.890	2727	2732	2733	rVB2	983	1374	0.33%	0.050%

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72	18.937	2738	2740	2743	rVB2	1078	1159	0.28%	0.042%
73	19.136	2770	2774	2777	rBV4	1123	1806	0.44%	0.065%
74	19.189	2781	2783	2786	rVV2	1694	2287	0.55%	0.083%
75	19.219	2786	2788	2790	rVV2	1480	1161	0.28%	0.042%
76	19.254	2792	2794	2798	rVV4	2161	2667	0.65%	0.097%
77	19.366	2811	2813	2815	rVB3	1974	1231	0.30%	0.045%
78	19.395	2815	2818	2821	rBV4	1557	2614	0.63%	0.095%
79	19.454	2826	2828	2830	rVB4	2018	1931	0.47%	0.070%
80	19.471	2830	2831	2834	rBV3	1765	1948	0.47%	0.071%
81	19.501	2834	2836	2837	rVV2	1875	1466	0.36%	0.053%
82	19.518	2837	2839	2843	rVB4	3114	3104	0.75%	0.112%
83	19.554	2843	2845	2847	rBV3	1514	1304	0.32%	0.047%
84	19.589	2849	2851	2852	rBV2	2193	1569	0.38%	0.057%
85	19.606	2852	2854	2856	rVB3	1773	1812	0.44%	0.066%
86	19.747	2873	2878	2880	rBV4	3400	4712	1.14%	0.171%
87	19.847	2890	2895	2906	rBV2	70719	110196	26.70%	3.992%
88	20.024	2923	2925	2927	rVB2	1893	1551	0.38%	0.056%
89	20.071	2931	2933	2936	rBV4	2211	2149	0.52%	0.078%
90	20.118	2940	2941	2943	rBV2	2325	1638	0.40%	0.059%
91	20.135	2943	2944	2946	rVV2	1999	1078	0.26%	0.039%
92	20.458	2997	2999	3000	rBV2	3260	2184	0.53%	0.079%
93	20.476	3000	3002	3003	rBV2	3146	2113	0.51%	0.077%
94	21.040	3096	3098	3100	rBV3	3457	2487	0.60%	0.090%
95	21.363	3149	3153	3162	rVB3	20607	32207	7.80%	1.167%
96	21.745	3211	3218	3224	rVB	247839	412696	100.00%	14.952%
97	22.591	3358	3362	3370	rVB9	13704	25314	6.13%	0.917%
98	24.789	3728	3736	3746	rVB2	35392	100843	24.44%	3.654%
99	25.018	3766	3775	3784	rBV2	128884	371282	89.97%	13.451%
100	31.657	4903	4905	4907	rBV3	3415	2778	0.67%	0.101%

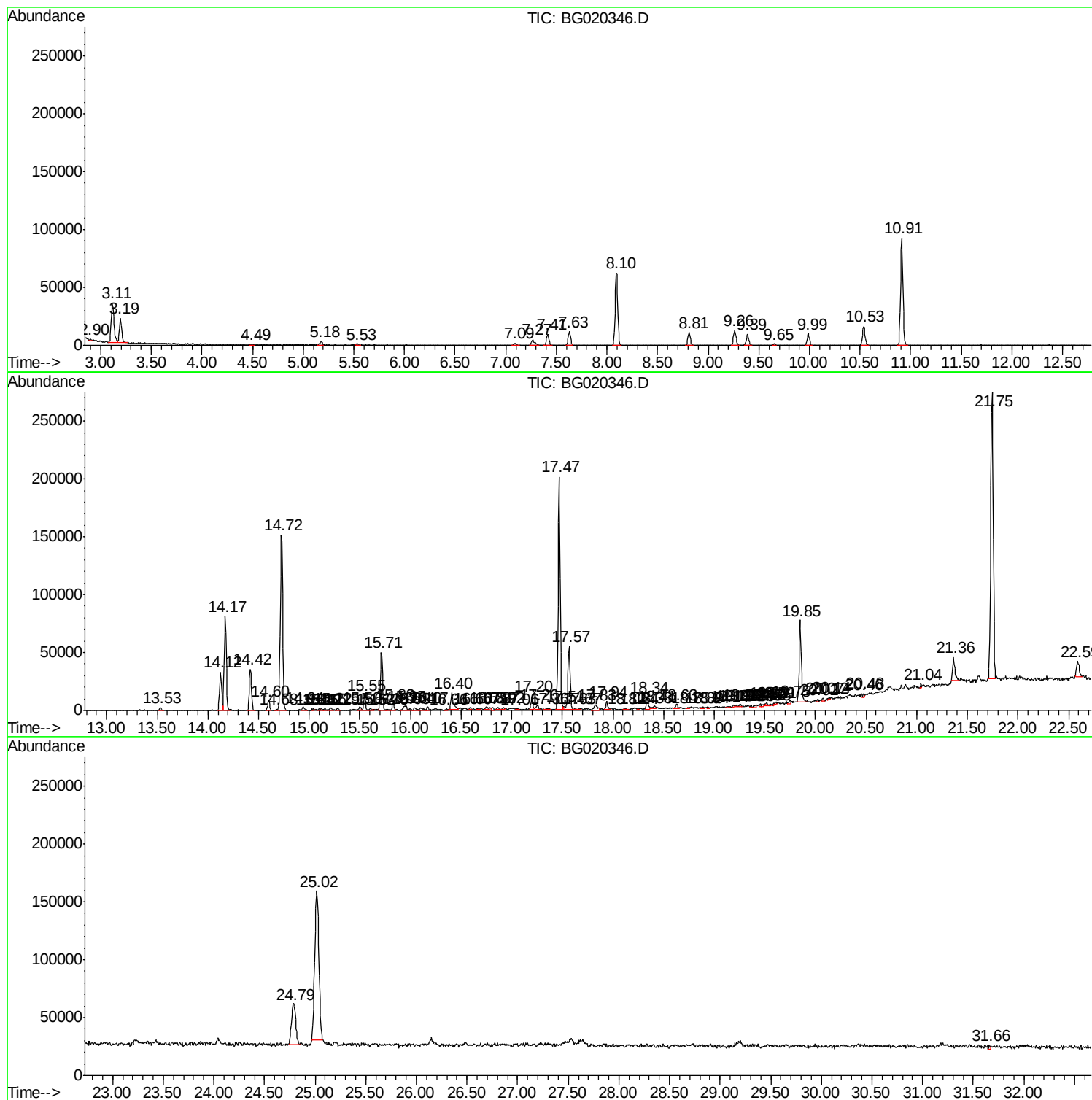
Sum of corrected areas: 2760158

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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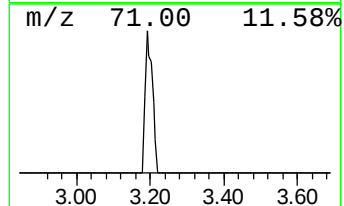
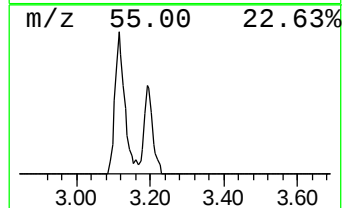
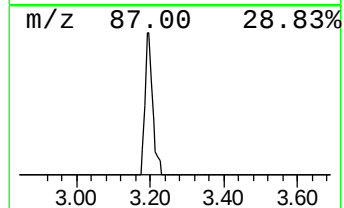
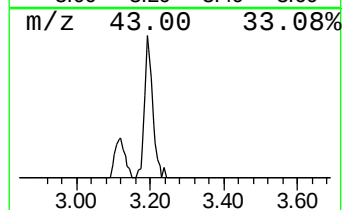
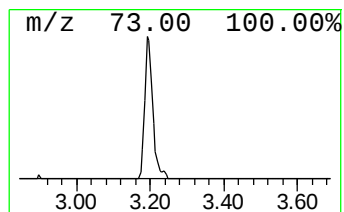
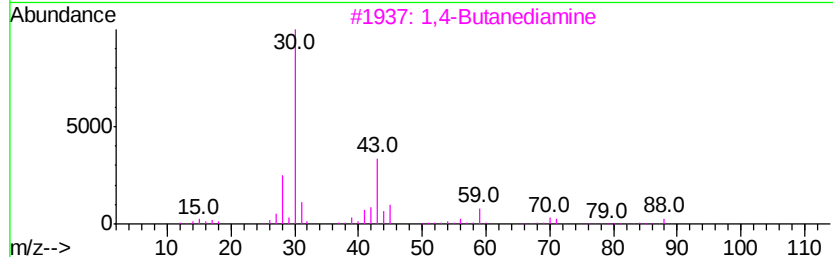
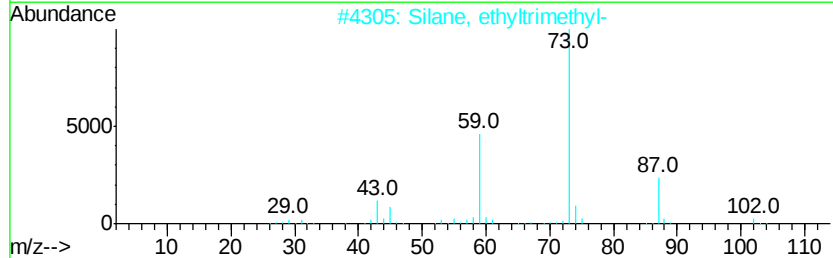
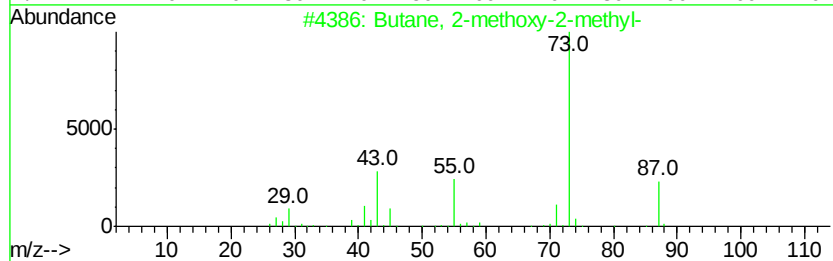
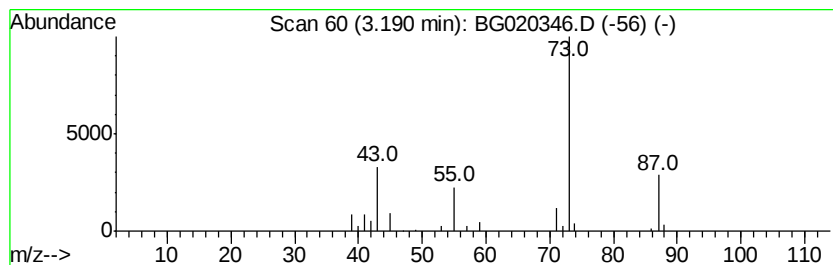
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	6.33 ng/ul	33456	1,4-Dichlorobenzene-d4	8.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36
3			1,4-Butanediamine	88	C4H12N2	000110-60-1	9
4			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5			3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	9



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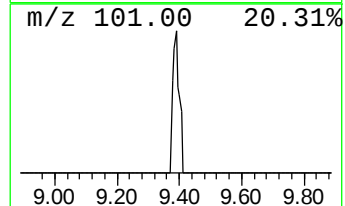
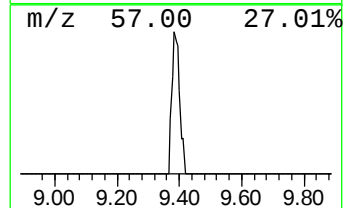
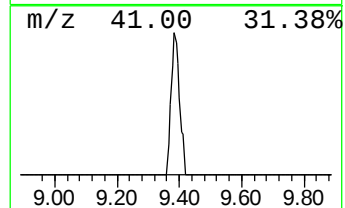
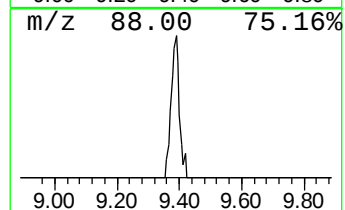
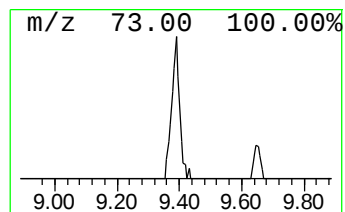
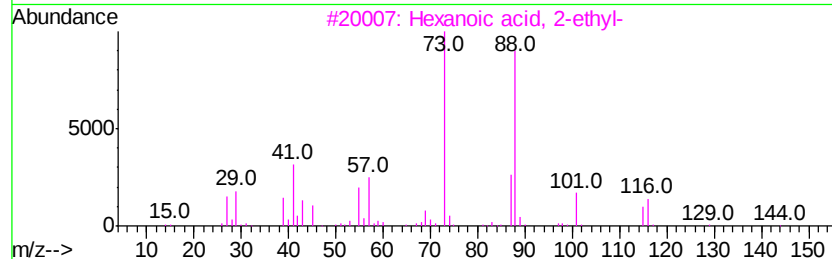
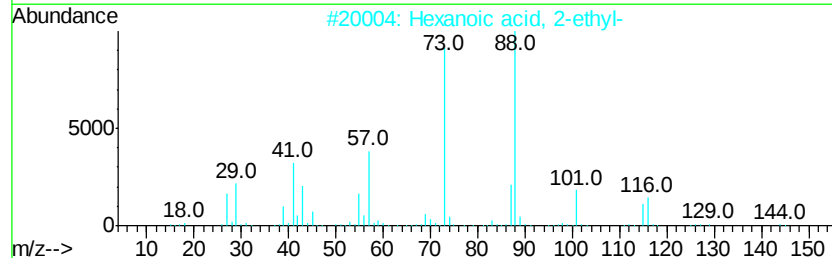
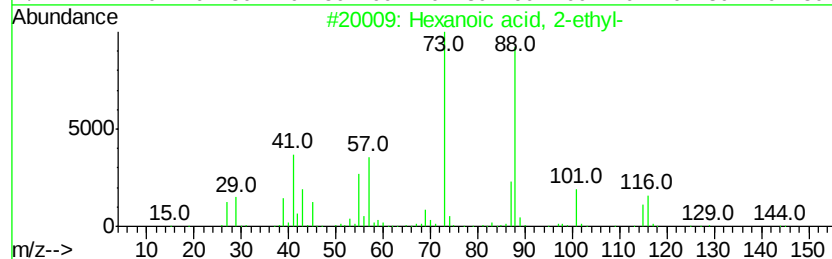
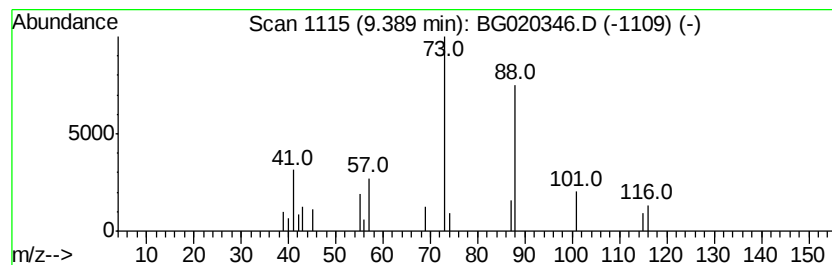
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Hexanoic acid, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	3.17 ng/ul	16777	1,4-Dichlorobenzene-d4	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	64
2		Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	45
3		Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	39
4		1,4-Dioxane	88	C4H8O2	000123-91-1	37
5		1-Methyl-1-silacyclopentan-1-ol	116	C5H12OSi	1000216-84-4	36



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.19	6.3	ng/ul	33456	1	8.09	105704	20.0
Hexanoic acid, 2-...	9.39	3.2	ng/ul	16777	1	8.09	105704	20.0