

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021716\
 Data File : BG020925.D
 Acq On : 17 Feb 2016 14:11
 Operator : SJ/UM
 Sample : H1477-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0311-S35-0003

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-BG020816.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	3.245	64	69	78	rBV	26612	47192	9.26%	0.840%
2	3.322	78	82	87	rVB	7240	9537	1.87%	0.170%
3	3.592	124	128	133	rVB	2959	3922	0.77%	0.070%
4	5.642	471	477	481	rBV2	763	1507	0.30%	0.027%
5	6.312	588	591	594	rVB2	805	1045	0.20%	0.019%
6	7.211	741	744	746	rBV2	1088	1063	0.21%	0.019%
7	7.399	768	776	785	rVB	57811	99958	19.61%	1.779%
8	7.575	800	806	813	rVB	57105	91283	17.90%	1.625%
9	7.786	836	842	849	rBV	61507	104322	20.46%	1.857%
10	8.262	916	923	929	rBV	51685	84705	16.61%	1.508%
11	8.955	1034	1041	1050	rBV	89332	150997	29.62%	2.688%
12	9.431	1115	1122	1132	rVB	62164	107097	21.01%	1.906%
13	9.519	1132	1137	1146	rBB2	7085	12094	2.37%	0.215%
14	10.160	1239	1246	1253	rBV	48234	85199	16.71%	1.517%
15	10.694	1330	1337	1345	rBV	83793	147840	29.00%	2.632%
16	11.088	1397	1404	1412	rBV	91541	160979	31.57%	2.865%
17	11.217	1417	1426	1436	rBV	93972	171921	33.72%	3.060%
18	12.650	1666	1670	1673	rBB2	1363	1913	0.38%	0.034%
19	13.484	1809	1812	1816	rVB	1206	1511	0.30%	0.027%
20	14.272	1939	1946	1950	rBV	181459	271146	53.18%	4.826%
21	14.313	1950	1953	1959	rVB	81993	114554	22.47%	2.039%
22	14.571	1990	1997	2006	rVB	232569	355947	69.82%	6.336%
23	14.742	2022	2026	2030	rVB	4380	4999	0.98%	0.089%
24	14.877	2041	2049	2056	rBV2	163633	258633	50.73%	4.604%
25	15.047	2072	2078	2090	rBV	67144	106612	20.91%	1.898%
26	15.241	2107	2111	2114	rVB	787	978	0.19%	0.017%
27	15.358	2128	2131	2135	rVB	1211	1432	0.28%	0.025%
28	15.423	2139	2142	2147	rVB	886	1221	0.24%	0.022%
29	15.640	2172	2179	2183	rBV	4254	5990	1.17%	0.107%
30	15.687	2183	2187	2195	rVV2	10273	13508	2.65%	0.240%
31	15.746	2195	2197	2202	rVB2	842	1076	0.21%	0.019%
32	15.858	2210	2216	2226	rBV	307616	456673	89.57%	8.129%
33	15.963	2228	2234	2240	rBV	51376	75113	14.73%	1.337%
34	16.093	2247	2256	2261	rBV5	5419	10507	2.06%	0.187%

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35	16.187	2268	2272	2276	rVB2	1296	1798	0.35%	0.032%
36	16.240	2276	2281	2284	rBV2	1683	2202	0.43%	0.039%
37	16.310	2290	2293	2296	rVB	2152	2287	0.45%	0.041%
38	16.492	2322	2324	2328	rBV2	815	1077	0.21%	0.019%
39	16.545	2328	2333	2336	rBV	14006	18096	3.55%	0.322%
40	16.727	2359	2364	2367	rVB2	1366	1579	0.31%	0.028%
41	16.886	2387	2391	2395	rBV3	2163	4293	0.84%	0.076%
42	16.944	2399	2401	2405	rBV	1264	1642	0.32%	0.029%
43	17.003	2409	2411	2416	rBV2	1501	1847	0.36%	0.033%
44	17.050	2416	2419	2424	rBV2	1264	1607	0.32%	0.029%
45	17.121	2424	2431	2434	rVB3	1430	1726	0.34%	0.031%
46	17.332	2463	2467	2471	rVV	9676	13191	2.59%	0.235%
47	17.391	2474	2477	2482	rVV4	3815	5727	1.12%	0.102%
48	17.485	2492	2493	2499	rVB	966	1471	0.29%	0.026%
49	17.608	2507	2514	2523	rBV2	206801	306053	60.03%	5.448%
50	17.708	2525	2531	2538	rVV	330026	473600	92.89%	8.430%
51	17.808	2544	2548	2550	rVB2	889	955	0.19%	0.017%
52	17.873	2555	2559	2563	rBV3	1328	1817	0.36%	0.032%
53	17.961	2570	2574	2578	rBV2	5755	8298	1.63%	0.148%
54	18.072	2589	2593	2598	rBB	5365	6852	1.34%	0.122%
55	18.249	2620	2623	2627	rBV2	1096	1273	0.25%	0.023%
56	18.542	2670	2673	2678	rVB	2090	2325	0.46%	0.041%
57	18.760	2705	2710	2712	rVV	3336	3528	0.69%	0.063%
58	18.889	2727	2732	2737	rVB	9293	10247	2.01%	0.182%
59	19.312	2802	2804	2808	rVB2	1775	1962	0.38%	0.035%
60	19.376	2813	2815	2818	rBV2	1695	2062	0.40%	0.037%
61	19.559	2842	2846	2850	rBV	624	1138	0.22%	0.020%
62	19.611	2850	2855	2861	rVV	2719	4404	0.86%	0.078%
63	19.864	2893	2898	2902	rBV	2767	3677	0.72%	0.065%
64	19.976	2910	2917	2926	rVB	378268	509842	100.00%	9.075%
65	20.070	2931	2933	2939	rVB3	3088	3256	0.64%	0.058%
66	20.128	2939	2943	2947	rBV4	604	1043	0.20%	0.019%
67	20.428	2989	2994	2995	rBV3	899	1271	0.25%	0.023%
68	20.451	2995	2998	2999	rBV2	1155	891	0.17%	0.016%
69	20.604	3023	3024	3025	rBV	1661	1019	0.20%	0.018%
70	20.675	3034	3036	3039	rBV2	952	1076	0.21%	0.019%
71	20.863	3064	3068	3073	rBV6	1674	3397	0.67%	0.060%

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72	20.968	3084	3086	3092	rVB5	1673	1251	0.25%	0.022%
73	21.198	3122	3125	3127	rBV4	1091	1163	0.23%	0.021%
74	21.491	3169	3175	3183	rBV4	8846	17622	3.46%	0.314%
75	21.591	3190	3192	3197	rVB4	2613	2784	0.55%	0.050%
76	21.656	3202	3203	3205	rBV2	1356	1091	0.21%	0.019%
77	21.744	3216	3218	3222	rVB4	1937	2305	0.45%	0.041%
78	21.885	3235	3242	3249	rBV	198586	330479	64.82%	5.883%
79	22.173	3290	3291	3296	rBV3	1167	1340	0.26%	0.024%
80	22.296	3310	3312	3313	rBV2	1213	993	0.19%	0.018%
81	22.701	3378	3381	3385	rVB6	2210	3151	0.62%	0.056%
82	23.424	3500	3504	3509	rVB5	2911	5721	1.12%	0.102%
83	23.630	3534	3539	3546	rVB2	14030	25986	5.10%	0.463%
84	23.994	3599	3601	3603	rBV3	999	1044	0.20%	0.019%
85	24.499	3685	3687	3690	rBV5	1414	1465	0.29%	0.026%
86	24.710	3721	3723	3726	rBV4	988	886	0.17%	0.016%
87	25.028	3766	3777	3789	rBV	176754	503787	98.81%	8.967%
88	25.257	3806	3816	3827	rBV2	111650	320179	62.80%	5.699%
89	25.668	3885	3886	3890	rBV4	1160	1652	0.32%	0.029%
90	25.938	3928	3932	3936	rBV6	1332	2131	0.42%	0.038%
91	26.473	4014	4023	4027	rBV5	4013	11241	2.20%	0.200%
92	27.007	4113	4114	4117	rBV3	1405	1301	0.26%	0.023%
93	27.395	4179	4180	4182	rBV2	1189	874	0.17%	0.016%
94	28.981	4447	4450	4452	rVB2	1335	1540	0.30%	0.027%
95	30.150	4647	4649	4653	rVB5	1136	1156	0.23%	0.021%
96	30.785	4754	4757	4760	rBV4	1538	1495	0.29%	0.027%
97	31.354	4852	4854	4856	rBV3	1236	982	0.19%	0.017%
98	31.566	4888	4890	4893	rVB4	1027	869	0.17%	0.015%
99	31.672	4906	4908	4909	rBV	1314	1272	0.25%	0.023%
100	32.559	5057	5059	5062	rBV3	1167	1174	0.23%	0.021%

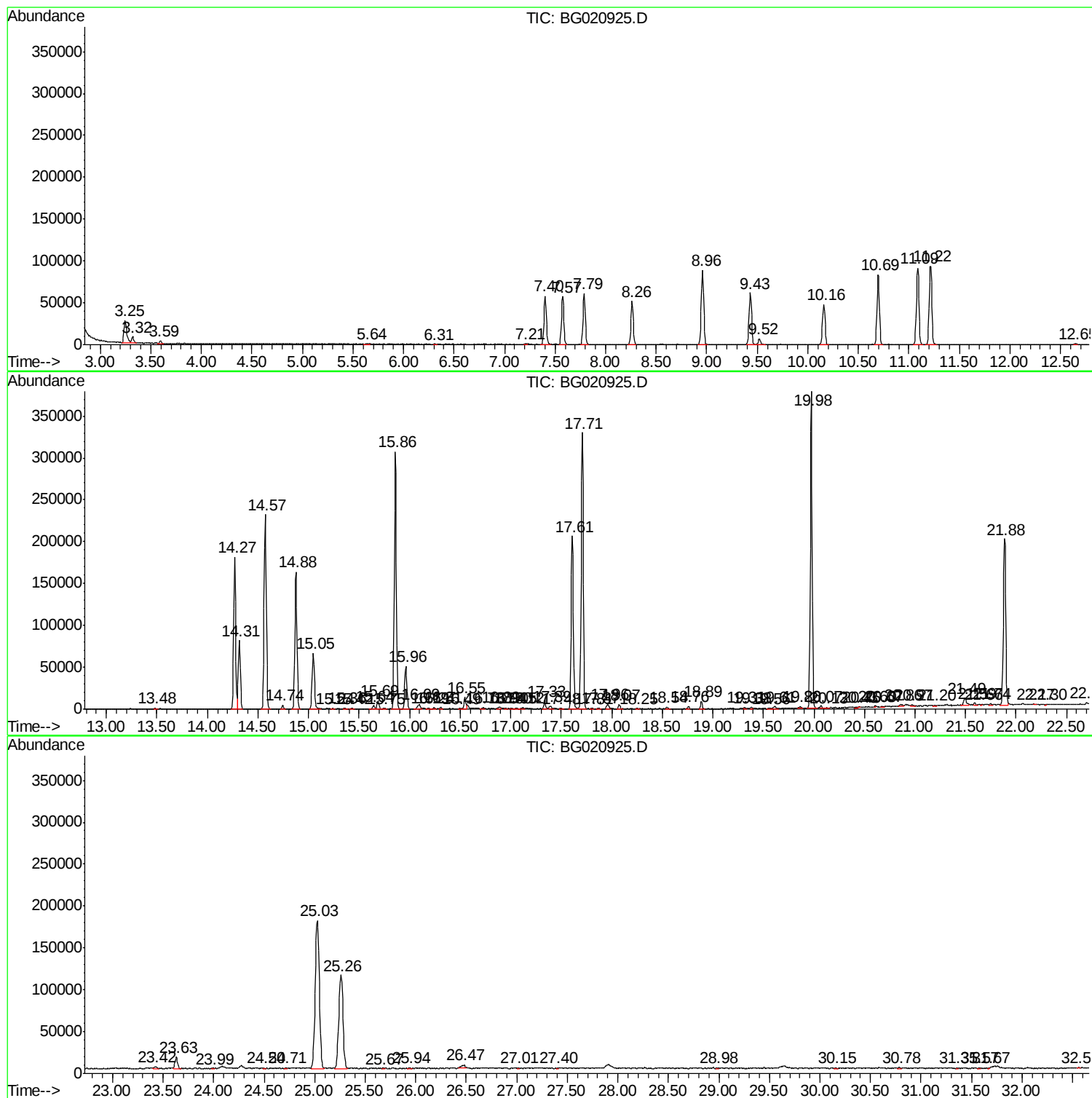
Sum of corrected areas: 5617937

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



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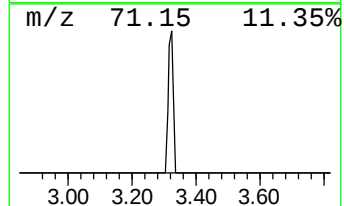
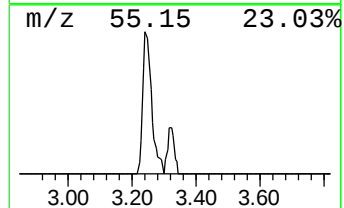
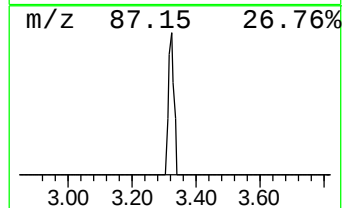
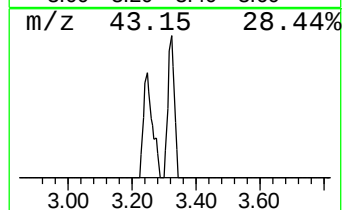
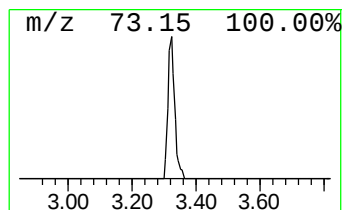
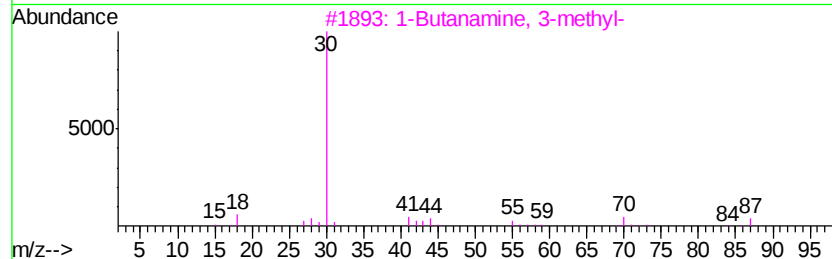
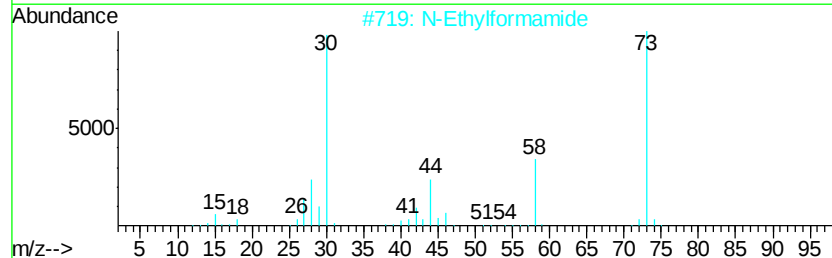
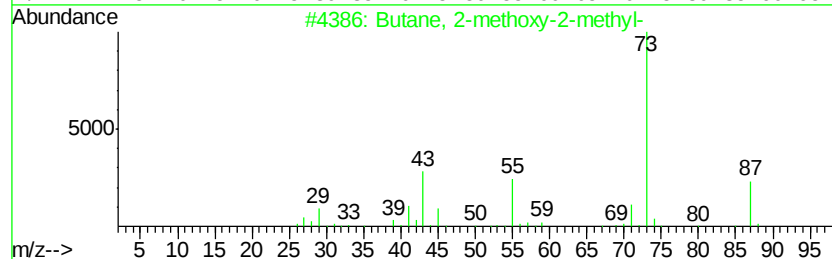
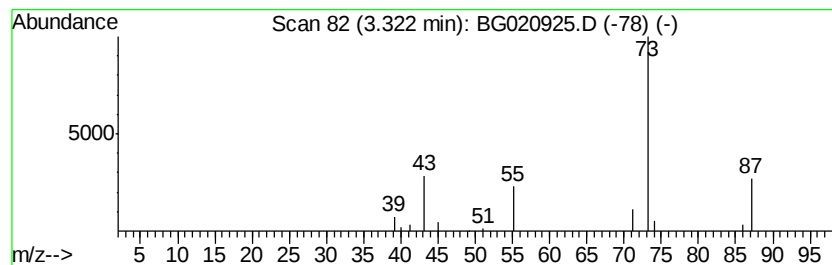
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG020816.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.32	2.25 ng/ul	9537	1,4-Dichlorobenzene-d4	8.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	40
2			N-Ethylformamide	73	C3H7NO	000627-45-2	7
3			1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	5
4			1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	4
5			N-Ethylformamide	73	C3H7NO	000627-45-2	4



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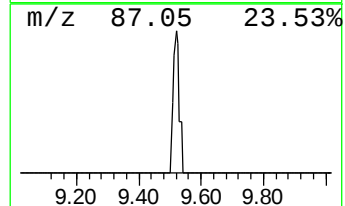
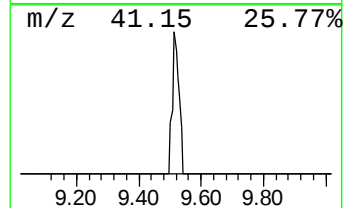
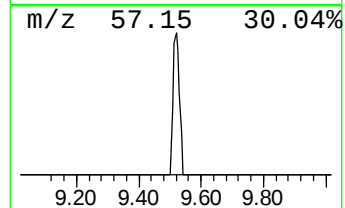
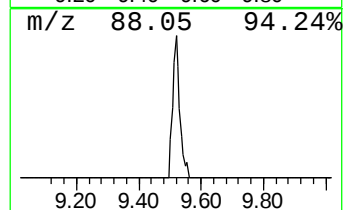
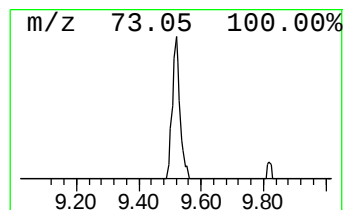
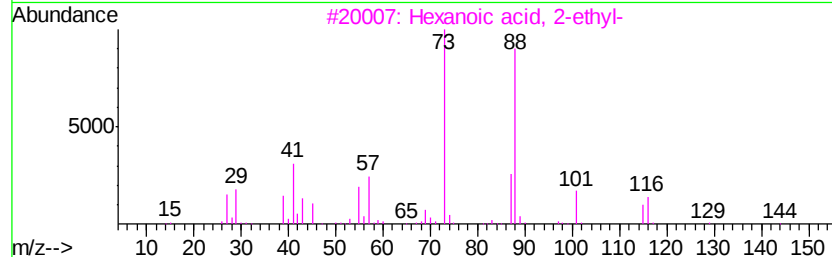
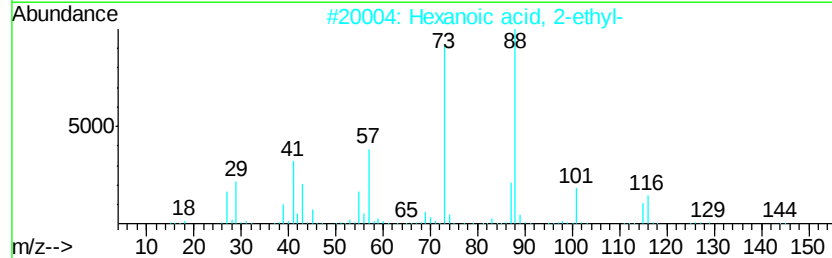
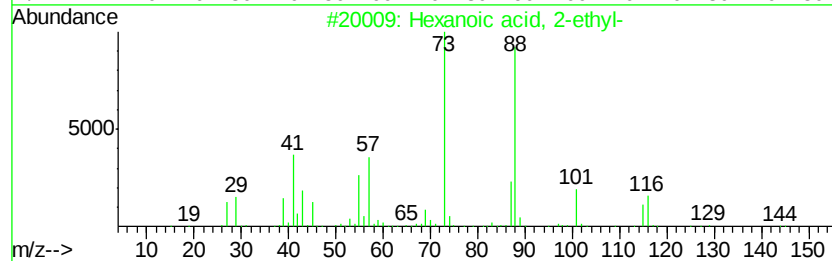
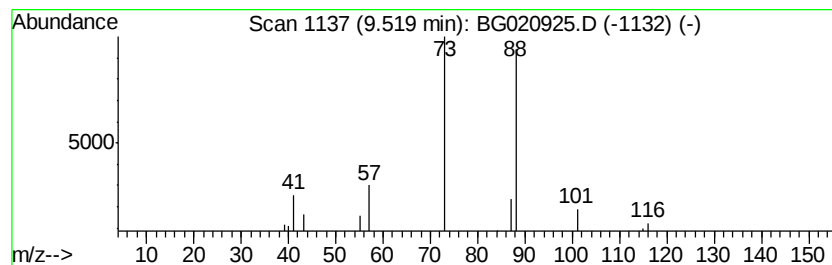
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 Hexanoic acid, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	2.86 ng/ul	12094	1,4-Dichlorobenzene-d4	8.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	83
2		Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	83
3		Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	74
4		Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	40
5		Heptanoic acid, ethyl ester	158	C9H18O2	000106-30-9	9



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	3.32	2.3	ng/ul	9537	1	8.26	84705	20.0
Hexanoic acid, 2-...	9.52	2.9	ng/ul	12094	1	8.26	84705	20.0