

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021716\
 Data File : BG020929.D
 Acq On : 17 Feb 2016 16:48
 Operator : SJ/UM
 Sample : H1477-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0311-S04-0312

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	2.945	13	18	37	rVB	71675	152260	26.31%	2.420%
2	3.244	64	69	78	rBV	69855	127212	21.98%	2.022%
3	3.321	78	82	89	rVB	9766	14045	2.43%	0.223%
4	3.597	124	129	135	rVB	3459	4616	0.80%	0.073%
5	3.873	174	176	180	rBV3	874	1243	0.21%	0.020%
6	7.403	769	777	785	rVB	64824	109073	18.85%	1.734%
7	7.574	800	806	812	rVV	62412	99795	17.24%	1.586%
8	7.785	835	842	850	rBV	68420	113156	19.55%	1.799%
9	8.261	916	923	929	rVV2	52351	85750	14.82%	1.363%
10	8.954	1032	1041	1051	rBB	92660	159126	27.50%	2.529%
11	9.430	1113	1122	1129	rBV	65595	114597	19.80%	1.822%
12	9.518	1132	1137	1144	rBV	6232	9896	1.71%	0.157%
13	10.159	1239	1246	1253	rBV	53823	91023	15.73%	1.447%
14	10.693	1331	1337	1345	rVB	90850	161162	27.85%	2.562%
15	11.087	1397	1404	1412	rVB	92749	161507	27.91%	2.567%
16	11.216	1418	1426	1436	rVB	103515	182166	31.48%	2.896%
17	11.985	1552	1557	1559	rVB2	688	972	0.17%	0.015%
18	12.649	1665	1670	1674	rBV2	1652	2403	0.42%	0.038%
19	13.237	1767	1770	1774	rBV2	1058	1120	0.19%	0.018%
20	13.472	1808	1810	1817	rVB2	1189	1779	0.31%	0.028%
21	13.754	1854	1858	1861	rVB2	1223	1555	0.27%	0.025%
22	14.271	1938	1946	1950	rBV	205768	296748	51.27%	4.717%
23	14.312	1950	1953	1961	rVB	88998	126726	21.90%	2.014%
24	14.570	1990	1997	2005	rBB	249138	386474	66.78%	6.143%
25	14.741	2022	2026	2033	rVB	7771	10082	1.74%	0.160%
26	14.876	2042	2049	2056	rBV2	167288	256932	44.39%	4.084%
27	15.046	2070	2078	2092	rBV	76715	122359	21.14%	1.945%
28	15.187	2097	2102	2107	rVV4	1229	2804	0.48%	0.045%
29	15.240	2107	2111	2115	rVV2	1520	1891	0.33%	0.030%
30	15.299	2117	2121	2124	rVV	1229	1270	0.22%	0.020%
31	15.352	2126	2130	2134	rVB2	2055	2689	0.46%	0.043%
32	15.422	2139	2142	2148	rVB2	1762	2046	0.35%	0.033%
33	15.645	2175	2180	2183	rBV	3661	4693	0.81%	0.075%
34	15.686	2183	2187	2192	rVB	15675	19725	3.41%	0.314%

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35	15.745	2192	2197	2203	rBV2	1443	2445	0.42%	0.039%
36	15.863	2210	2217	2223	rVV	328577	506151	87.46%	8.045%
37	15.962	2227	2234	2242	rBV	59179	85120	14.71%	1.353%
38	16.098	2247	2257	2260	rBV4	6607	13019	2.25%	0.207%
39	16.133	2260	2263	2265	rVB	1461	1356	0.23%	0.022%
40	16.186	2265	2272	2277	rVB	1860	3009	0.52%	0.048%
41	16.244	2277	2282	2289	rVB2	2279	3315	0.57%	0.053%
42	16.309	2289	2293	2297	rBV2	2488	3235	0.56%	0.051%
43	16.544	2329	2333	2337	rBV	16146	23405	4.04%	0.372%
44	16.732	2359	2365	2369	rVB2	1838	3167	0.55%	0.050%
45	16.891	2387	2392	2395	rBV3	2559	4402	0.76%	0.070%
46	16.920	2395	2397	2399	rVV2	1143	1210	0.21%	0.019%
47	16.943	2399	2401	2406	rVB4	1887	2519	0.44%	0.040%
48	17.008	2406	2412	2415	rVB3	1743	2457	0.42%	0.039%
49	17.055	2415	2420	2423	rBV	1774	2201	0.38%	0.035%
50	17.120	2426	2431	2435	rBV2	1318	1897	0.33%	0.030%
51	17.337	2464	2468	2472	rVV	11805	14897	2.57%	0.237%
52	17.390	2472	2477	2482	rVV3	4083	7135	1.23%	0.113%
53	17.607	2508	2514	2520	rBV2	196770	299576	51.76%	4.762%
54	17.707	2525	2531	2538	rBV2	360076	523089	90.38%	8.315%
55	17.813	2545	2549	2552	rVB2	895	1091	0.19%	0.017%
56	17.872	2556	2559	2563	rBB2	1240	1421	0.25%	0.023%
57	18.071	2588	2593	2597	rBV	4815	6254	1.08%	0.099%
58	18.547	2671	2674	2677	rVB	1721	1976	0.34%	0.031%
59	18.759	2705	2710	2712	rBV2	1579	1859	0.32%	0.030%
60	18.782	2712	2714	2718	rBV3	792	1130	0.20%	0.018%
61	19.610	2851	2855	2857	rVV2	3180	4346	0.75%	0.069%
62	19.640	2857	2860	2866	rVB	5716	7105	1.23%	0.113%
63	19.863	2893	2898	2904	rBV2	2761	4424	0.76%	0.070%
64	19.975	2910	2917	2925	rBV	407076	578744	100.00%	9.199%
65	20.292	2969	2971	2974	rBV2	875	1075	0.19%	0.017%
66	20.433	2994	2995	2998	rVB3	1162	1127	0.19%	0.018%
67	20.468	2998	3001	3006	rBV4	1886	3029	0.52%	0.048%
68	20.644	3029	3031	3035	rBV2	1069	1370	0.24%	0.022%
69	20.697	3035	3040	3042	rBV4	728	1287	0.22%	0.020%
70	20.826	3060	3062	3065	rBV3	842	992	0.17%	0.016%
71	20.856	3065	3067	3072	rBV6	1820	3043	0.53%	0.048%

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72	21.108	3105	3110	3111	rBV4	1032	1508	0.26%	0.024%
73	21.490	3169	3175	3183	rBV3	13117	22995	3.97%	0.366%
74	21.749	3215	3219	3225	rVB	9449	12373	2.14%	0.197%
75	21.884	3235	3242	3249	rBV	197978	326213	56.37%	5.185%
76	22.019	3263	3265	3267	rBV3	1009	998	0.17%	0.016%
77	22.042	3267	3269	3270	rVV2	1470	1034	0.18%	0.016%
78	22.066	3270	3273	3277	rVB4	1735	2829	0.49%	0.045%
79	22.695	3375	3380	3387	rBV9	2703	6465	1.12%	0.103%
80	22.747	3387	3389	3392	rBV4	1009	1123	0.19%	0.018%
81	23.423	3500	3504	3511	rVB8	3862	7084	1.22%	0.113%
82	23.787	3563	3566	3572	rVB5	1854	3311	0.57%	0.053%
83	24.081	3611	3616	3622	rVB8	3005	5842	1.01%	0.093%
84	24.169	3629	3631	3632	rBV2	1461	1043	0.18%	0.017%
85	24.269	3641	3648	3655	rVB6	5695	13191	2.28%	0.210%
86	25.027	3766	3777	3787	rBV	206073	557479	96.33%	8.861%
87	25.256	3805	3816	3831	rVB3	115964	324096	56.00%	5.152%
88	25.984	3938	3940	3942	rBV2	1135	1335	0.23%	0.021%
89	26.466	4016	4022	4028	rVB4	6539	16280	2.81%	0.259%
90	26.583	4040	4042	4045	rBV3	1410	1470	0.25%	0.023%
91	27.488	4194	4196	4198	rBV3	1097	982	0.17%	0.016%
92	27.823	4251	4253	4255	rBV2	979	1032	0.18%	0.016%
93	27.893	4257	4265	4275	rVV10	5426	19242	3.32%	0.306%
94	27.999	4282	4283	4286	rVB2	1715	1126	0.19%	0.018%
95	28.346	4340	4342	4345	rBV4	1256	1447	0.25%	0.023%
96	28.745	4408	4410	4415	rVB6	1309	1334	0.23%	0.021%
97	29.609	4553	4557	4558	rBV4	2185	2819	0.49%	0.045%
98	30.425	4694	4696	4699	rVB3	1625	1473	0.25%	0.023%
99	32.141	4986	4988	4991	rVB4	1224	1122	0.19%	0.018%
100	32.211	4998	5000	5002	rBV2	1287	1238	0.21%	0.020%

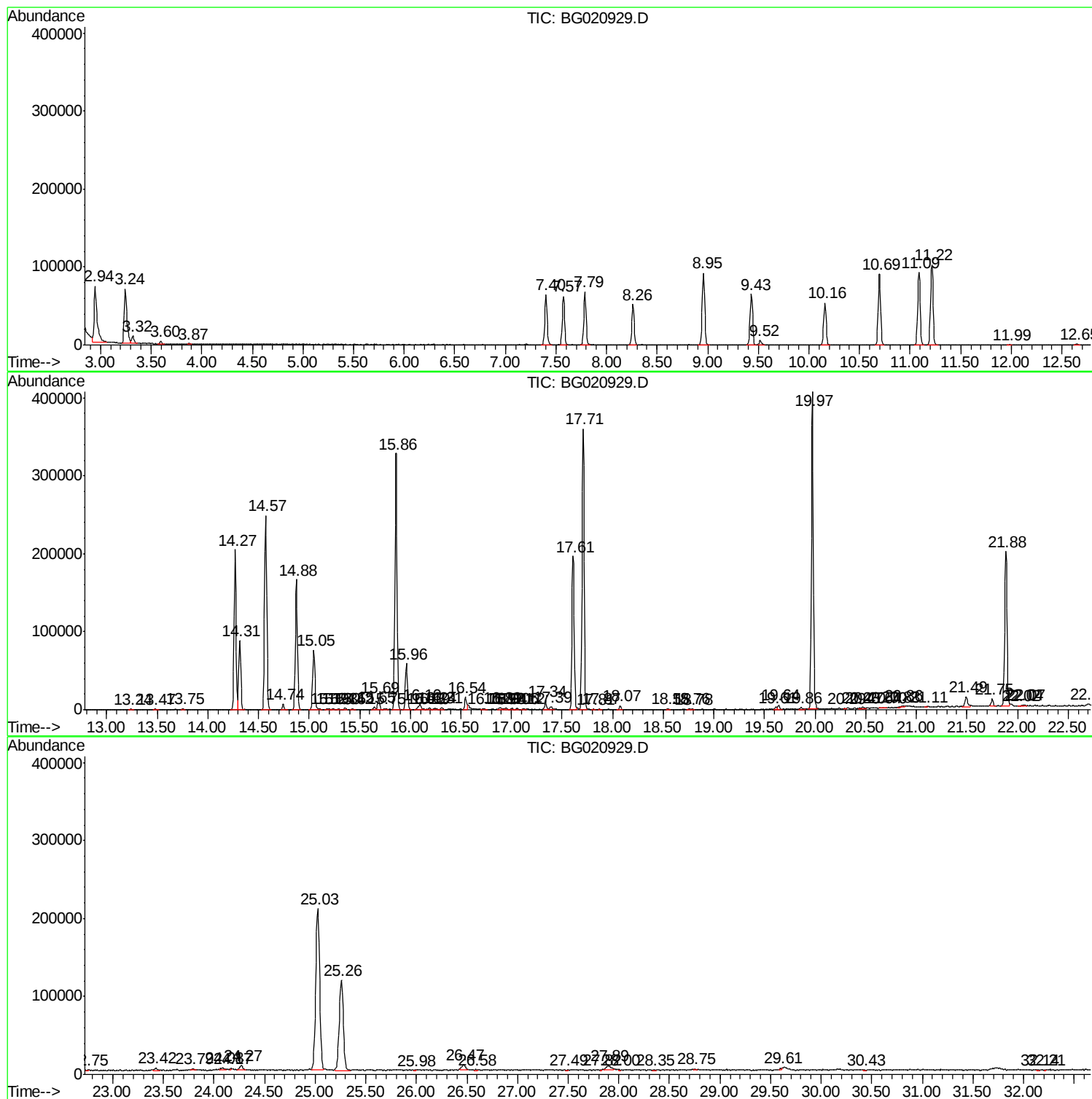
Sum of corrected areas: 6291257

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG020816.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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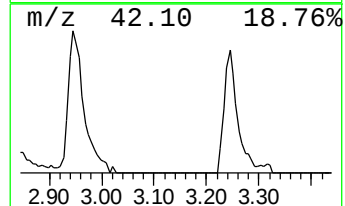
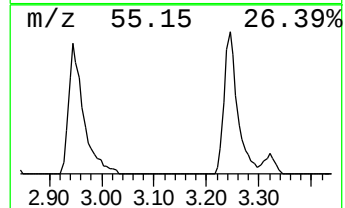
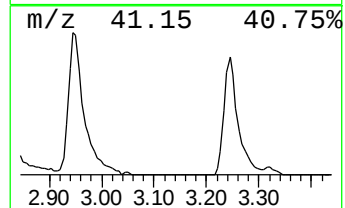
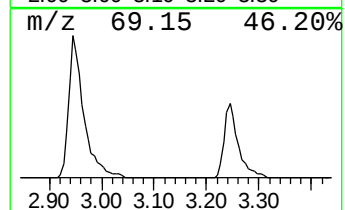
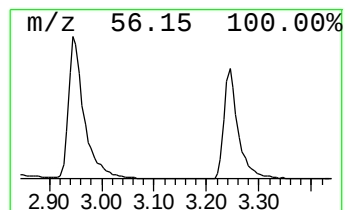
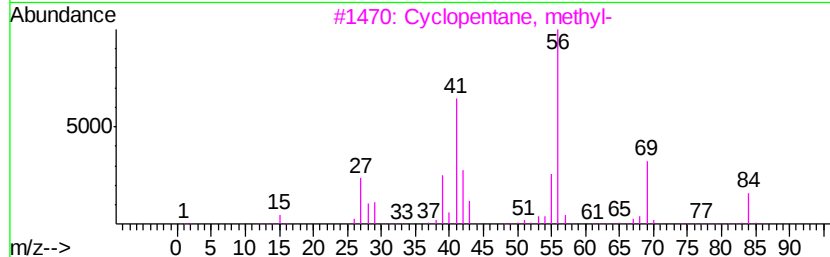
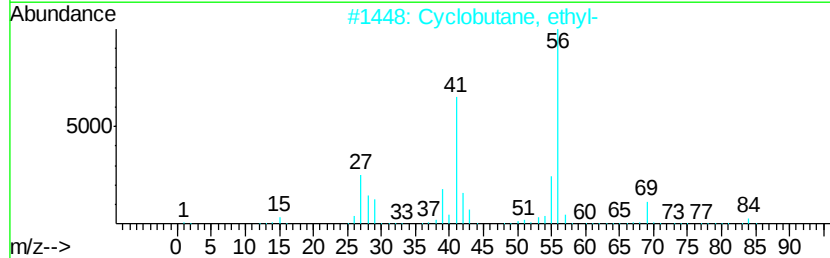
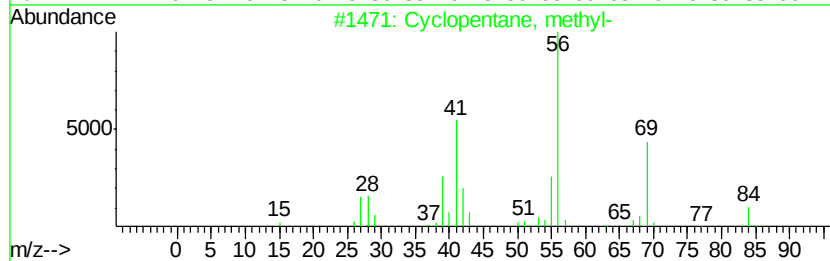
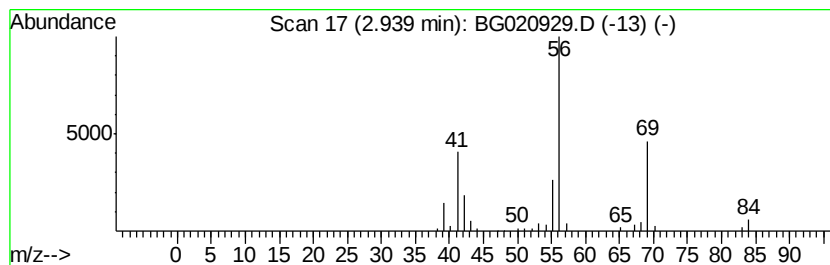
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG020816.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Cyclic2.94 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.94	35.51 ng/ul	152260	1,4-Dichlorobenzene-d4	8.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2		Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
3		Cyclopentane, methyl-	84	C6H12	000096-37-7	64
4		Cyclohexane	84	C6H12	000110-82-7	64
5		Cyclopentane, methyl-	84	C6H12	000096-37-7	64



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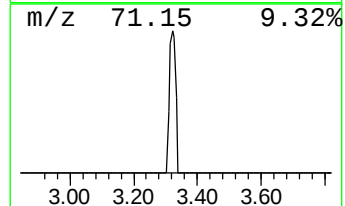
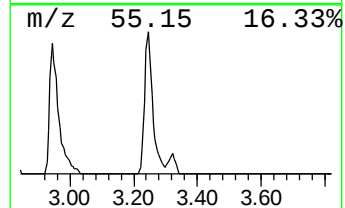
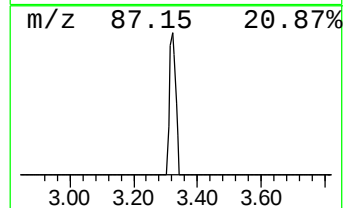
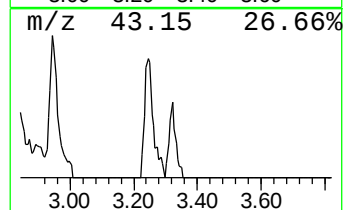
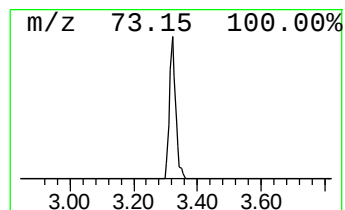
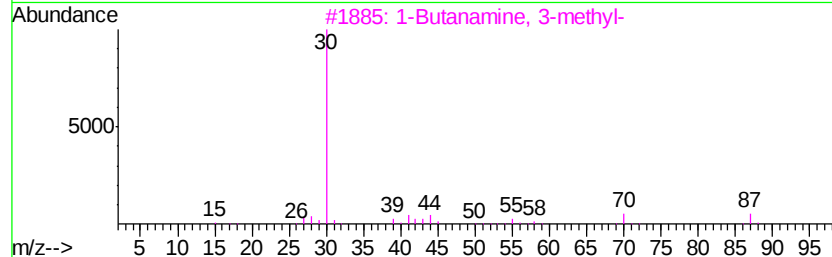
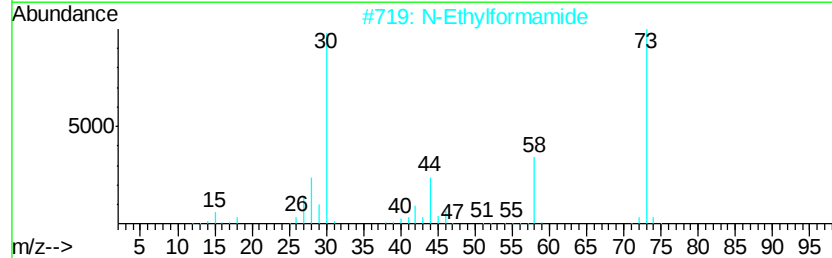
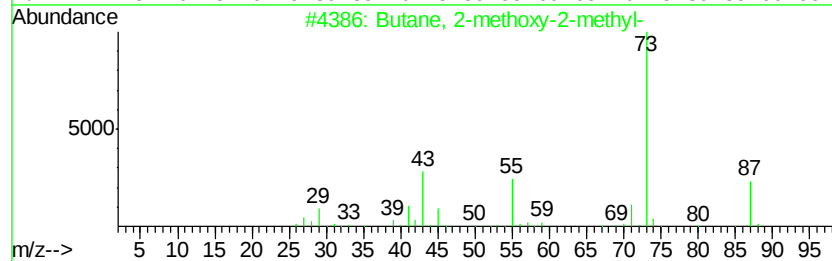
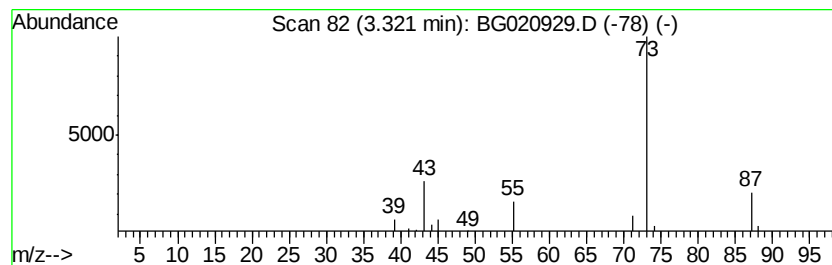
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.32	3.28 ng/ul	14045	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	39
2			N-Ethylformamide	73	C3H7NO	000627-45-2	7
3			1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	5
4			1,3-Dioxolane	74	C3H6O2	000646-06-0	4
5			N-Ethylformamide	73	C3H7NO	000627-45-2	4



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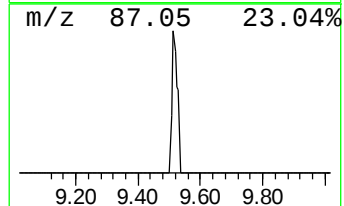
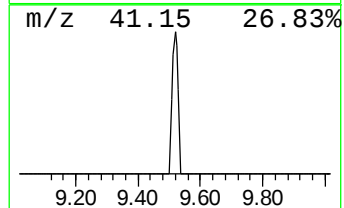
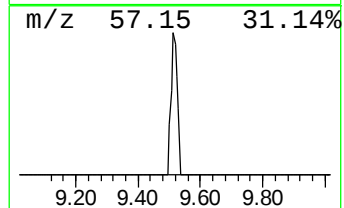
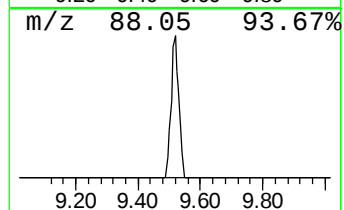
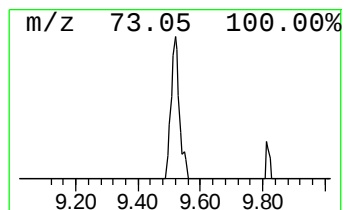
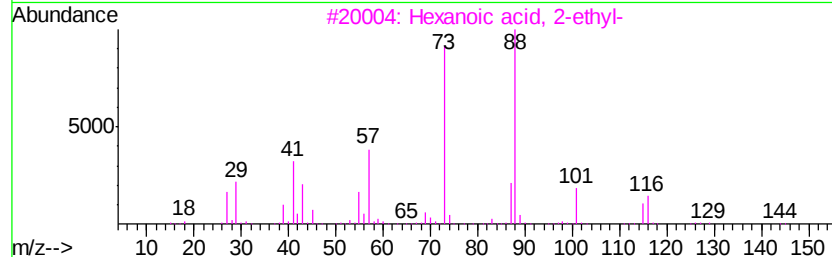
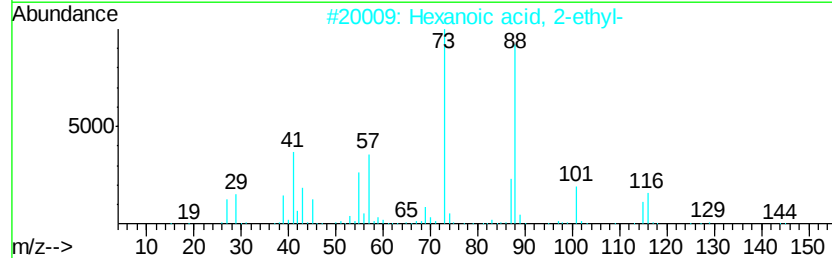
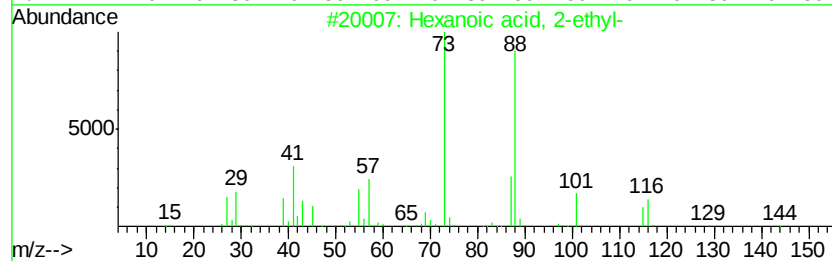
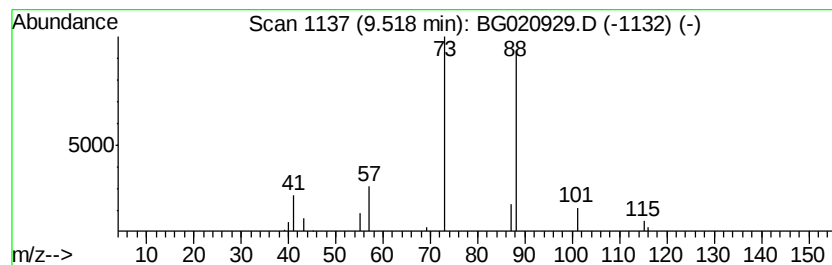
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Peak Number 4 Hexanoic acid, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	2.31 ng/ul	9896	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	78
3		Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	78
4		Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	42
5		Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	38



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021716\
Data File : BG020929.D
Acq On : 17 Feb 2016 16:48
Operator : SJ/UM
Sample : H1477-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
0311-S04-0312

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Cyc...	2.94	35.5	ng/ul	152260	1	8.26	85750	20.0
unknown-01	3.32	3.3	ng/ul	14045	1	8.26	85750	20.0
Hexanoic acid, 2-...	9.52	2.3	ng/ul	9896	1	8.26	85750	20.0