

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111515\
 Data File : BG019614.D
 Acq On : 15 Nov 2015 14:34
 Operator : UM/NP
 Sample : G4401-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC779

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-BG102815.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	3.098	39	44	52	rBV	32510	58436	7.39%	0.554%
2	3.175	52	57	72	rVB	283336	419024	53.00%	3.970%
3	3.457	97	105	112	rBV2	6665	9925	1.26%	0.094%
4	5.196	396	401	405	rVB2	1983	3478	0.44%	0.033%
5	7.305	752	760	770	rBV	116774	213807	27.05%	2.026%
6	7.470	782	788	796	rVB	95253	153146	19.37%	1.451%
7	7.681	818	824	831	rBV	109251	183796	23.25%	1.741%
8	8.157	899	905	914	rVB	98335	165490	20.93%	1.568%
9	8.862	1018	1025	1035	rBV	154265	262622	33.22%	2.488%
10	9.332	1097	1105	1112	rBV	116411	206276	26.09%	1.954%
11	9.432	1115	1122	1129	rBV2	10045	18467	2.34%	0.175%
12	10.008	1213	1220	1222	rBV4	1772	2796	0.35%	0.026%
13	10.055	1222	1228	1236	rVB	104084	184112	23.29%	1.744%
14	10.601	1313	1321	1331	rVB	154569	267196	33.80%	2.532%
15	10.731	1340	1343	1350	rBV3	2427	4500	0.57%	0.043%
16	10.983	1379	1386	1395	rVB	139287	248166	31.39%	2.351%
17	11.118	1401	1409	1418	rBV	112808	207534	26.25%	1.966%
18	11.747	1513	1516	1522	rBV4	4669	6017	0.76%	0.057%
19	11.982	1551	1556	1561	rBV2	4582	7536	0.95%	0.071%
20	13.146	1750	1754	1759	rVB4	6160	9845	1.25%	0.093%
21	13.392	1790	1796	1802	rVB	11115	16310	2.06%	0.155%
22	13.598	1828	1831	1836	rBV3	3585	4445	0.56%	0.042%
23	13.704	1846	1849	1853	rBV2	3963	5526	0.70%	0.052%
24	14.185	1925	1931	1935	rVV	342640	486544	61.54%	4.610%
25	14.232	1935	1939	1946	rVB	288004	398942	50.46%	3.780%
26	14.409	1966	1969	1974	rBV4	3349	4821	0.61%	0.046%
27	14.485	1974	1982	1991	rBV	283289	432350	54.69%	4.096%
28	14.661	2007	2012	2016	rVB	13320	17667	2.23%	0.167%
29	14.708	2016	2020	2024	rVV	7035	10739	1.36%	0.102%
30	14.791	2028	2034	2042	rVB2	265825	414679	52.45%	3.929%
31	14.973	2059	2065	2073	rBV	167770	271302	34.32%	2.570%
32	15.102	2081	2087	2090	rBV5	2524	4982	0.63%	0.047%
33	15.161	2094	2097	2102	rVV5	2494	4766	0.60%	0.045%
34	15.214	2104	2106	2110	rVB3	2586	3050	0.39%	0.029%

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35	15.278	2112	2117	2123	rVB4	5023	7519	0.95%	0.071%
36	15.349	2125	2129	2134	rVB4	2626	3668	0.46%	0.035%
37	15.566	2161	2166	2169	rBV2	6347	9170	1.16%	0.087%
38	15.607	2169	2173	2178	rVB	25088	31977	4.04%	0.303%
39	15.672	2178	2184	2187	rBV5	3548	6140	0.78%	0.058%
40	15.778	2195	2202	2209	rVB	360220	538816	68.16%	5.105%
41	15.883	2214	2220	2230	rVB	157220	237591	30.05%	2.251%
42	16.013	2235	2242	2246	rBV4	8195	15830	2.00%	0.150%
43	16.107	2255	2258	2263	rVB5	3515	6211	0.79%	0.059%
44	16.160	2264	2267	2269	rBV2	3192	3436	0.43%	0.033%
45	16.230	2276	2279	2284	rVB4	3957	6160	0.78%	0.058%
46	16.307	2286	2292	2297	rBV6	3042	6185	0.78%	0.059%
47	16.465	2314	2319	2322	rBV2	22707	30722	3.89%	0.291%
48	16.594	2337	2341	2346	rBV	9014	12746	1.61%	0.121%
49	16.647	2346	2350	2357	rVV5	9266	15157	1.92%	0.144%
50	16.718	2357	2362	2365	rBV4	9323	12925	1.63%	0.122%
51	16.753	2367	2368	2373	rVB3	6817	6982	0.88%	0.066%
52	16.812	2373	2378	2380	rBV4	6179	9661	1.22%	0.092%
53	16.865	2385	2387	2390	rVV3	4639	4021	0.51%	0.038%
54	16.918	2391	2396	2402	rVB6	11080	22619	2.86%	0.214%
55	16.976	2402	2406	2411	rBV	13142	20700	2.62%	0.196%
56	17.053	2417	2419	2423	rVB4	5057	5940	0.75%	0.056%
57	17.258	2450	2454	2459	rVB	16510	19340	2.45%	0.183%
58	17.311	2459	2463	2467	rVB2	7150	9044	1.14%	0.086%
59	17.529	2494	2500	2506	rBV2	399710	597418	75.57%	5.660%
60	17.628	2511	2517	2524	rVB	450065	661909	83.73%	6.271%
61	17.722	2531	2533	2538	rVV3	4357	4548	0.58%	0.043%
62	17.793	2542	2545	2549	rBV5	4108	5998	0.76%	0.057%
63	17.881	2556	2560	2563	rBV5	3736	5247	0.66%	0.050%
64	17.993	2576	2579	2584	rBV4	7643	9257	1.17%	0.088%
65	18.157	2604	2607	2608	rBV	3493	3181	0.40%	0.030%
66	18.392	2643	2647	2654	rBV2	15420	20698	2.62%	0.196%
67	18.469	2656	2660	2664	rVB2	8788	12054	1.52%	0.114%
68	18.598	2679	2682	2685	rBV4	3395	4010	0.51%	0.038%
69	18.686	2692	2697	2699	rBV5	6406	8620	1.09%	0.082%
70	18.815	2716	2719	2723	rVB4	12563	13766	1.74%	0.130%
71	18.903	2730	2734	2739	rBV2	11666	17281	2.19%	0.164%

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72	18.992	2743	2749	2753	rVV6	9668	16222	2.05%	0.154%
73	19.156	2774	2777	2782	rBV5	8065	14515	1.84%	0.138%
74	19.244	2788	2792	2796	rBV	26813	34692	4.39%	0.329%
75	19.309	2800	2803	2807	rVB5	7799	11804	1.49%	0.112%
76	19.561	2840	2846	2851	rVB3	14983	25407	3.21%	0.241%
77	19.650	2858	2861	2865	rBV5	5344	10680	1.35%	0.101%
78	19.738	2874	2876	2880	rBV4	6807	8497	1.07%	0.081%
79	19.785	2880	2884	2888	rVV3	30856	39346	4.98%	0.373%
80	19.849	2892	2895	2897	rBV2	10428	12852	1.63%	0.122%
81	19.902	2898	2904	2910	rVB	440904	626989	79.31%	5.940%
82	20.314	2970	2974	2979	rVB	32068	39755	5.03%	0.377%
83	20.366	2979	2983	2987	rBV7	13384	24622	3.11%	0.233%
84	20.789	3051	3055	3061	rVB	57086	74125	9.38%	0.702%
85	21.007	3088	3092	3096	rBV2	32404	47210	5.97%	0.447%
86	21.054	3096	3100	3104	rVB2	63773	77817	9.84%	0.737%
87	21.124	3109	3112	3120	rVB3	26971	41031	5.19%	0.389%
88	21.412	3157	3161	3169	rVB4	35417	58234	7.37%	0.552%
89	21.565	3184	3187	3194	rVB3	37592	56901	7.20%	0.539%
90	21.641	3196	3200	3203	rBV4	12298	17993	2.28%	0.170%
91	21.806	3221	3228	3235	rVB	472105	790559	100.00%	7.490%
92	22.117	3278	3281	3285	rVB4	8936	12486	1.58%	0.118%
93	23.510	3513	3518	3525	rVB	30402	54413	6.88%	0.516%
94	24.144	3622	3626	3633	rVB7	12601	22003	2.78%	0.208%
95	24.268	3643	3647	3650	rBV5	2957	5598	0.71%	0.053%
96	24.896	3744	3754	3765	rVB	189255	517876	65.51%	4.907%
97	25.131	3783	3794	3804	rBV2	267705	763129	96.53%	7.230%
98	26.307	3986	3994	4001	rVB10	10350	28650	3.62%	0.271%
99	29.708	4571	4573	4576	rBV4	2754	2744	0.35%	0.026%
100	31.935	4950	4952	4955	rBV4	3006	3676	0.46%	0.035%

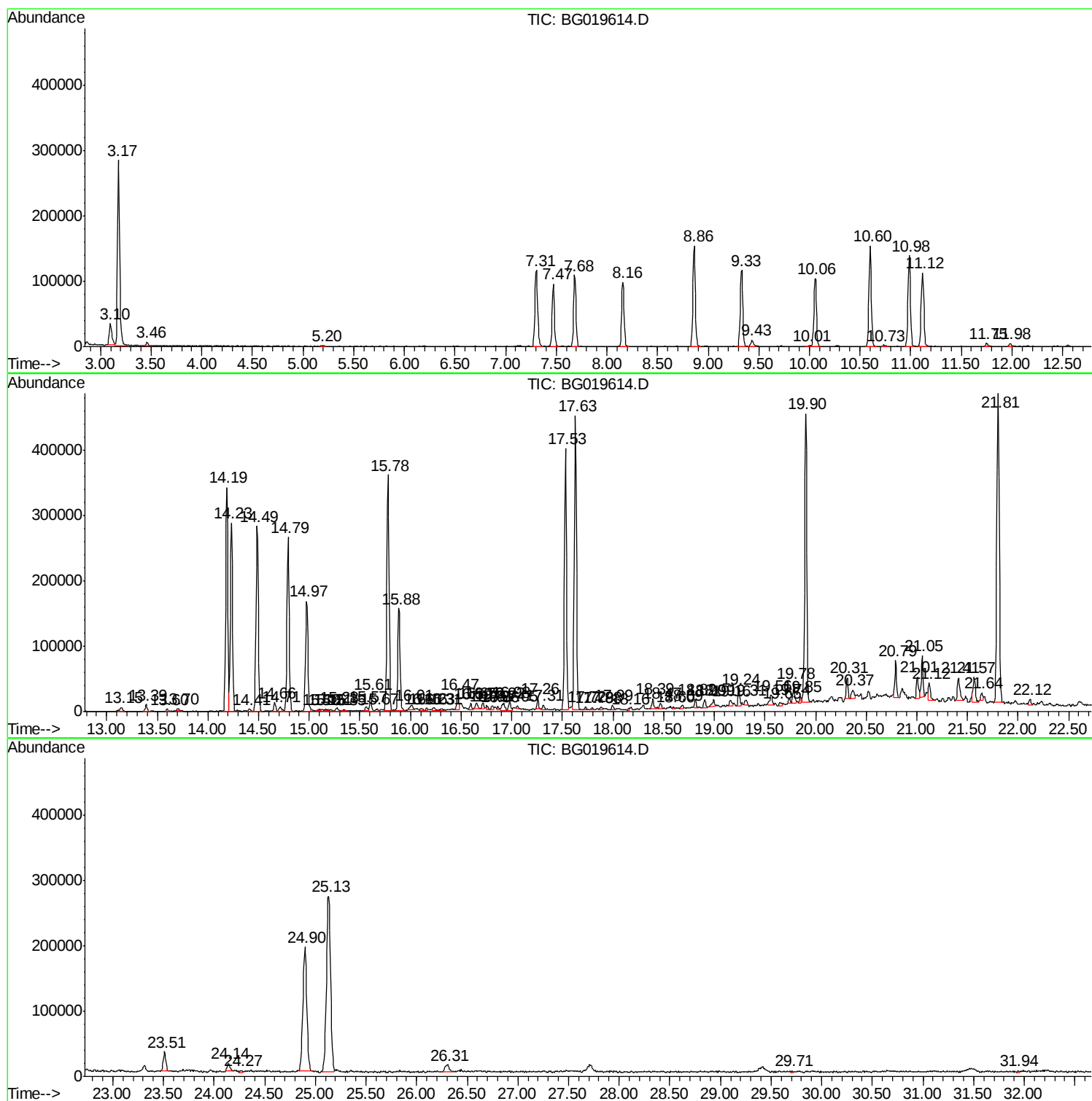
Sum of corrected areas: 10554665

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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



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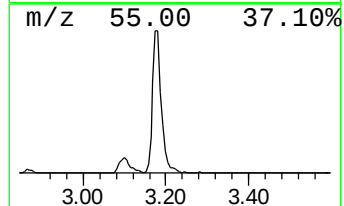
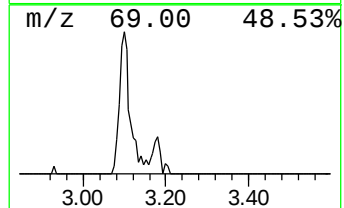
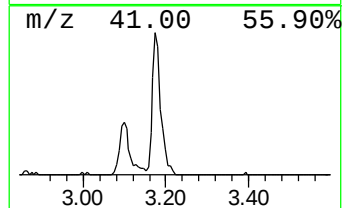
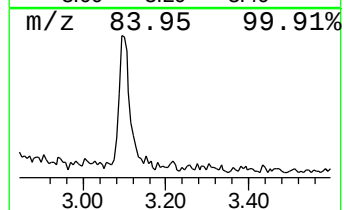
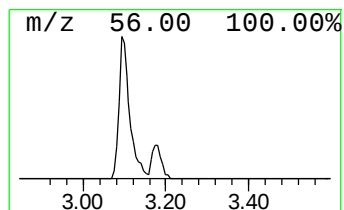
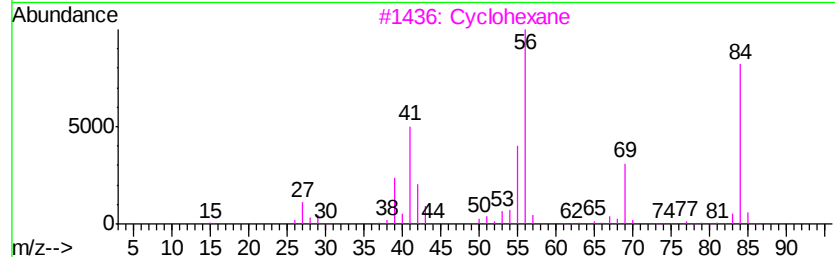
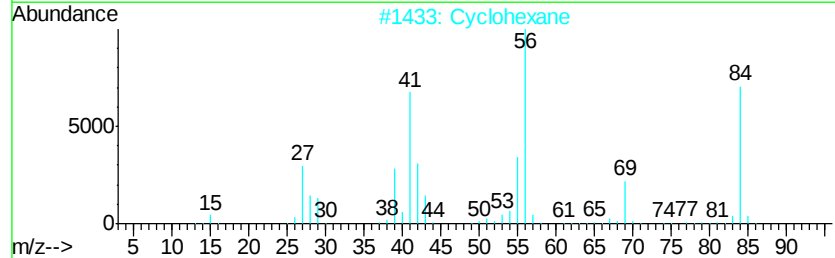
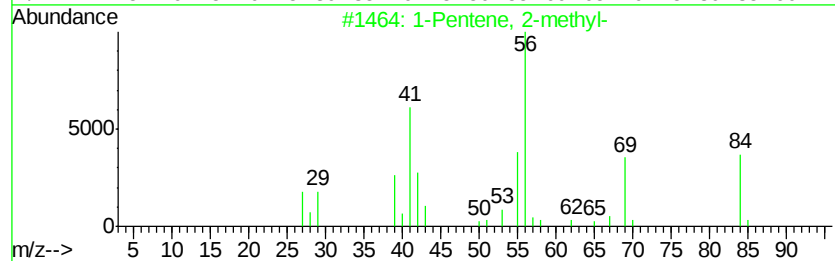
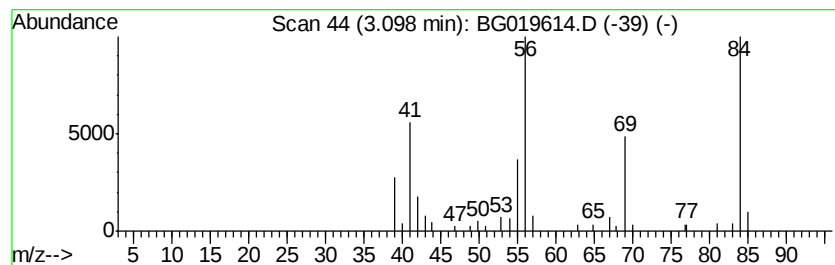
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Cyclic3.10 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.10	7.06 ng/ul	58436	1,4-Dichlorobenzene-d4	8.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Pentene, 2-methyl-	84	C6H12	000763-29-1	90
2			Cyclohexane	84	C6H12	000110-82-7	80
3			Cyclohexane	84	C6H12	000110-82-7	78
4			1-Pentene, 2-methyl-	84	C6H12	000763-29-1	78
5			Cyanic acid, 2-methylpropyl ester	99	C5H9NO	001768-25-8	72



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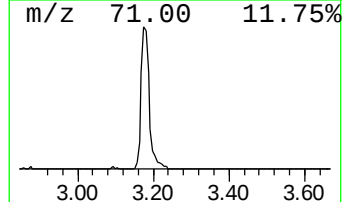
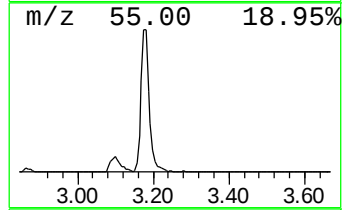
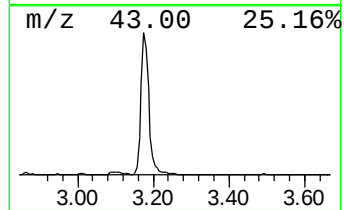
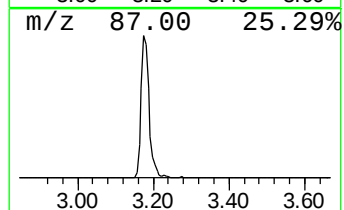
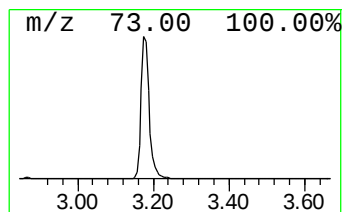
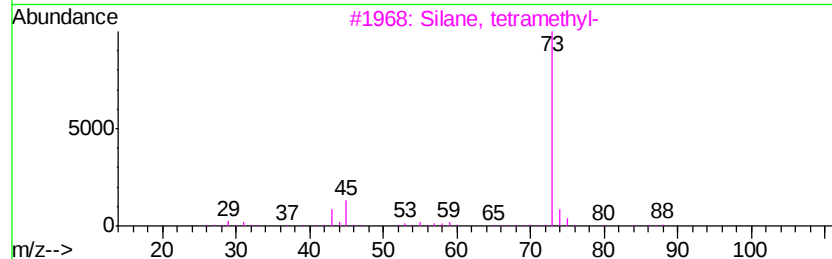
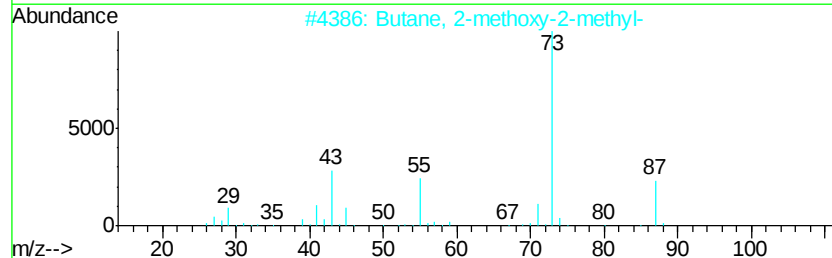
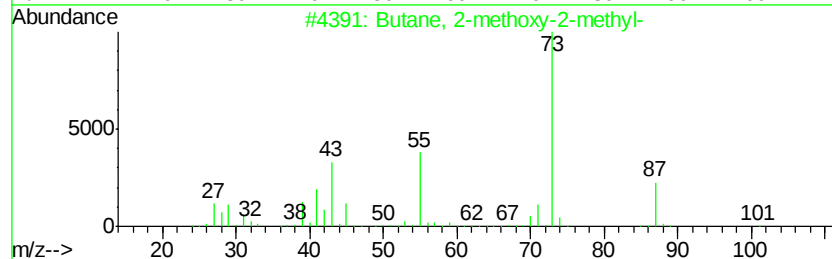
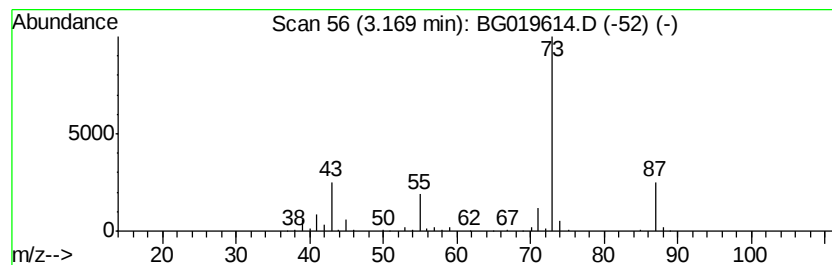
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	50.64 ng/ul	419024	1,4-Dichlorobenzene-d4	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
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		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9



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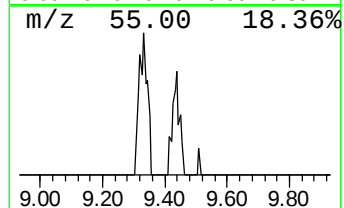
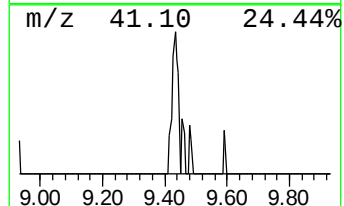
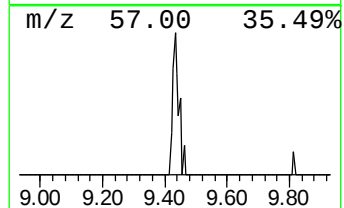
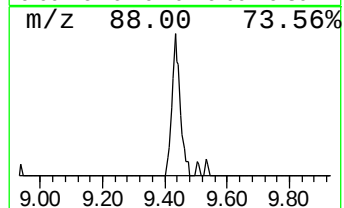
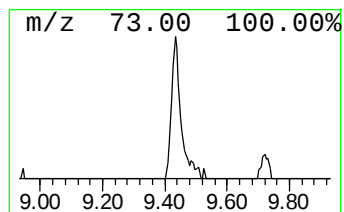
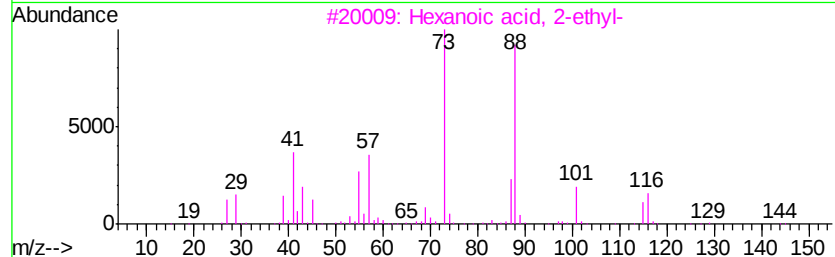
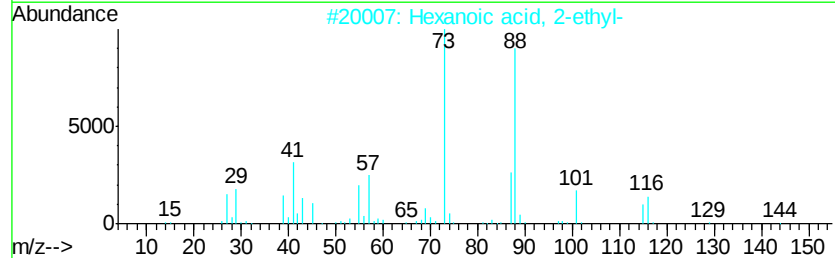
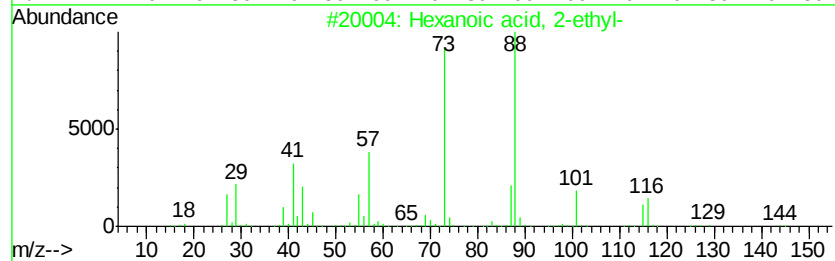
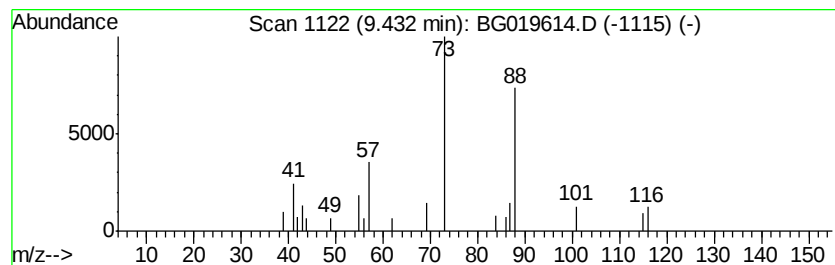
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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	2.23 ng/ul	18467	1,4-Dichlorobenzene-d4	8.16

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	50
3		Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	45
4		Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	42
5		1-Butyne, 3-chloro-	88	C4H5Cl	021020-24-6	38



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111515\
Data File : BG019614.D
Acq On : 15 Nov 2015 14:34
Operator : UM/NP
Sample : G4401-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BC779

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.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...	3.10	7.1	ng/ul	58436	1	8.16	165490	20.0
Butane, 2-methoxy...	3.17	50.6	ng/ul	419024	1	8.16	165490	20.0
Hexanoic acid, 2-...	9.43	2.2	ng/ul	18467	1	8.16	165490	20.0