

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032015\
 Data File : BG016086.D
 Acq On : 21 Mar 2015 4:02
 Operator : TP/IZ
 Sample : G1565-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AE9

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\SOM01.2-EPA-BG031715.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	2.731	3	7	17	rVB	27516	41383	3.54%	0.276%
2	2.943	38	43	51	rBV	285862	468430	40.12%	3.129%
3	3.019	51	56	69	rVB	527938	675188	57.82%	4.510%
4	3.413	121	123	127	rBV5	2118	2942	0.25%	0.020%
5	3.795	185	188	192	rVV4	3451	4624	0.40%	0.031%
6	3.830	192	194	198	rVB3	3245	4214	0.36%	0.028%
7	3.912	206	208	214	rVB7	1904	3260	0.28%	0.022%
8	4.917	374	379	388	rVB	14972	23610	2.02%	0.158%
9	6.808	696	701	706	rBV5	1500	3033	0.26%	0.020%
10	6.961	719	727	738	rVB	164261	264372	22.64%	1.766%
11	7.131	751	756	765	rVB	145326	219537	18.80%	1.466%
12	7.331	783	790	796	rBV	161523	249051	21.33%	1.664%
13	7.425	800	806	812	rVB	6529	8885	0.76%	0.059%
14	7.801	863	870	876	rBV	219839	342496	29.33%	2.288%
15	7.860	876	880	885	rVB2	3292	4582	0.39%	0.031%
16	8.030	908	909	913	rVV2	2594	2534	0.22%	0.017%
17	8.494	981	988	996	rBV	181631	285562	24.46%	1.907%
18	8.617	1003	1009	1016	rVB	16663	27412	2.35%	0.183%
19	8.952	1059	1066	1072	rBV	156940	250918	21.49%	1.676%
20	9.375	1133	1138	1141	rVB3	1741	2876	0.25%	0.019%
21	9.669	1181	1188	1196	rVB	113648	190165	16.29%	1.270%
22	10.204	1271	1279	1289	rVB	182869	299865	25.68%	2.003%
23	10.356	1299	1305	1312	rBV	16340	26795	2.29%	0.179%
24	10.585	1337	1344	1352	rBV	330326	544998	46.67%	3.640%
25	10.721	1360	1367	1376	rVB	148691	246573	21.12%	1.647%
26	12.166	1607	1613	1619	rVB3	3333	5583	0.48%	0.037%
27	12.782	1711	1718	1722	rBV3	6389	10031	0.86%	0.067%
28	13.029	1755	1760	1766	rBV	11163	14621	1.25%	0.098%
29	13.247	1791	1797	1801	rBV4	3201	5248	0.45%	0.035%
30	13.834	1890	1897	1901	rVV	341259	473463	40.55%	3.163%
31	13.875	1901	1904	1909	rVV	30529	39664	3.40%	0.265%
32	14.116	1938	1945	1952	rVB	450890	640468	54.85%	4.278%
33	14.322	1975	1980	1986	rBV2	11272	15089	1.29%	0.101%
34	14.421	1990	1997	2006	rVV2	512083	799463	68.46%	5.340%

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35	14.609	2021	2029	2036	rBV	157386	228101	19.53%	1.524%
36	14.768	2049	2056	2062	rVB5	6197	9274	0.79%	0.062%
37	14.833	2062	2067	2072	rVV7	8595	14327	1.23%	0.096%
38	14.880	2072	2075	2080	rVB6	1836	2911	0.25%	0.019%
39	14.944	2080	2086	2091	rVB6	3450	6814	0.58%	0.046%
40	15.009	2094	2097	2103	rVB4	2440	3524	0.30%	0.024%
41	15.220	2129	2133	2134	rBV2	2774	2981	0.26%	0.020%
42	15.273	2138	2142	2146	rVV	16519	20130	1.72%	0.134%
43	15.414	2157	2166	2172	rBV	579014	824606	70.62%	5.508%
44	15.526	2178	2185	2194	rBV	131886	174978	14.98%	1.169%
45	15.655	2201	2207	2210	rBV3	7892	13211	1.13%	0.088%
46	15.679	2210	2211	2216	rVB4	4250	4541	0.39%	0.030%
47	15.778	2223	2228	2230	rVB5	2412	3900	0.33%	0.026%
48	15.825	2232	2236	2237	rBV3	3297	4146	0.36%	0.028%
49	15.890	2243	2247	2251	rVB4	2738	4067	0.35%	0.027%
50	16.131	2284	2288	2297	rBV	17191	25759	2.21%	0.172%
51	16.366	2321	2328	2330	rBV6	1716	2730	0.23%	0.018%
52	16.630	2372	2373	2378	rBV3	2000	2995	0.26%	0.020%
53	16.701	2382	2385	2389	rVB2	5593	6155	0.53%	0.041%
54	16.924	2417	2423	2425	rVV3	7565	10859	0.93%	0.073%
55	16.942	2425	2426	2430	rVV2	3908	5186	0.44%	0.035%
56	16.977	2430	2432	2436	rVB4	2937	2980	0.26%	0.020%
57	17.159	2457	2463	2469	rBV2	700809	1029663	88.18%	6.878%
58	17.200	2469	2470	2474	rVV	11112	10781	0.92%	0.072%
59	17.259	2474	2480	2490	rVB	650516	904101	77.43%	6.039%
60	17.541	2524	2528	2532	rVV7	3650	6066	0.52%	0.041%
61	17.658	2544	2548	2551	rVV4	4321	4314	0.37%	0.029%
62	17.923	2590	2593	2597	rBV5	3808	5602	0.48%	0.037%
63	18.052	2608	2615	2626	rBV2	72327	127136	10.89%	0.849%
64	18.222	2641	2644	2648	rBV6	2732	4061	0.35%	0.027%
65	18.351	2664	2666	2669	rVB3	2867	3045	0.26%	0.020%
66	18.381	2669	2671	2677	rBV6	2811	4763	0.41%	0.032%
67	18.481	2685	2688	2693	rVB4	16840	18574	1.59%	0.124%
68	18.545	2695	2699	2701	rVB5	3772	4781	0.41%	0.032%
69	18.627	2709	2713	2717	rVB2	6176	7819	0.67%	0.052%
70	18.851	2748	2751	2755	rVV3	6139	7085	0.61%	0.047%
71	18.904	2757	2760	2764	rBV4	2935	5675	0.49%	0.038%

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72	18.951	2764	2768	2771	rVV3	7635	9899	0.85%	0.066%
73	19.086	2787	2791	2793	rBV5	2679	3345	0.29%	0.022%
74	19.180	2804	2807	2809	rBV2	7168	8684	0.74%	0.058%
75	19.215	2809	2813	2820	rVB	27106	39409	3.37%	0.263%
76	19.332	2828	2833	2840	rBV3	30838	53520	4.58%	0.358%
77	19.438	2847	2851	2854	rVB	5747	7532	0.65%	0.050%
78	19.479	2854	2858	2862	rVB5	8092	12164	1.04%	0.081%
79	19.550	2864	2870	2883	rVV	794829	1061890	90.94%	7.093%
80	20.067	2953	2958	2960	rBV3	9429	14191	1.22%	0.095%
81	20.090	2960	2962	2965	rVB3	12332	11880	1.02%	0.079%
82	20.266	2990	2992	2995	rBV3	2695	2837	0.24%	0.019%
83	20.366	3007	3009	3013	rVB5	4944	5694	0.49%	0.038%
84	20.419	3013	3018	3019	rBV4	5286	6785	0.58%	0.045%
85	20.443	3019	3022	3023	rBV3	2865	3017	0.26%	0.020%
86	20.519	3033	3035	3037	rBV3	4389	3770	0.32%	0.025%
87	20.584	3042	3046	3050	rVV2	20872	26400	2.26%	0.176%
88	20.619	3050	3052	3057	rVV5	4701	4962	0.42%	0.033%
89	20.977	3112	3113	3117	rBV4	5283	4721	0.40%	0.032%
90	21.036	3119	3123	3135	rVV	258638	376115	32.21%	2.512%
91	21.130	3136	3139	3144	rVB3	16280	25941	2.22%	0.173%
92	21.330	3167	3173	3178	rBV	912596	1164388	99.72%	7.778%
93	21.477	3195	3198	3203	rVB	39191	44975	3.85%	0.300%
94	21.917	3270	3273	3280	rBV3	26393	44122	3.78%	0.295%
95	22.393	3350	3354	3358	rVB	22852	27698	2.37%	0.185%
96	22.522	3372	3376	3381	rVB	36623	55081	4.72%	0.368%
97	22.910	3439	3442	3448	rVB4	23065	40751	3.49%	0.272%
98	23.474	3531	3538	3550	rVB2	454367	960689	82.27%	6.417%
99	23.621	3555	3563	3577	rVB2	593971	1167703	100.00%	7.800%
100	24.249	3667	3670	3682	rVB10	28467	67849	5.81%	0.453%

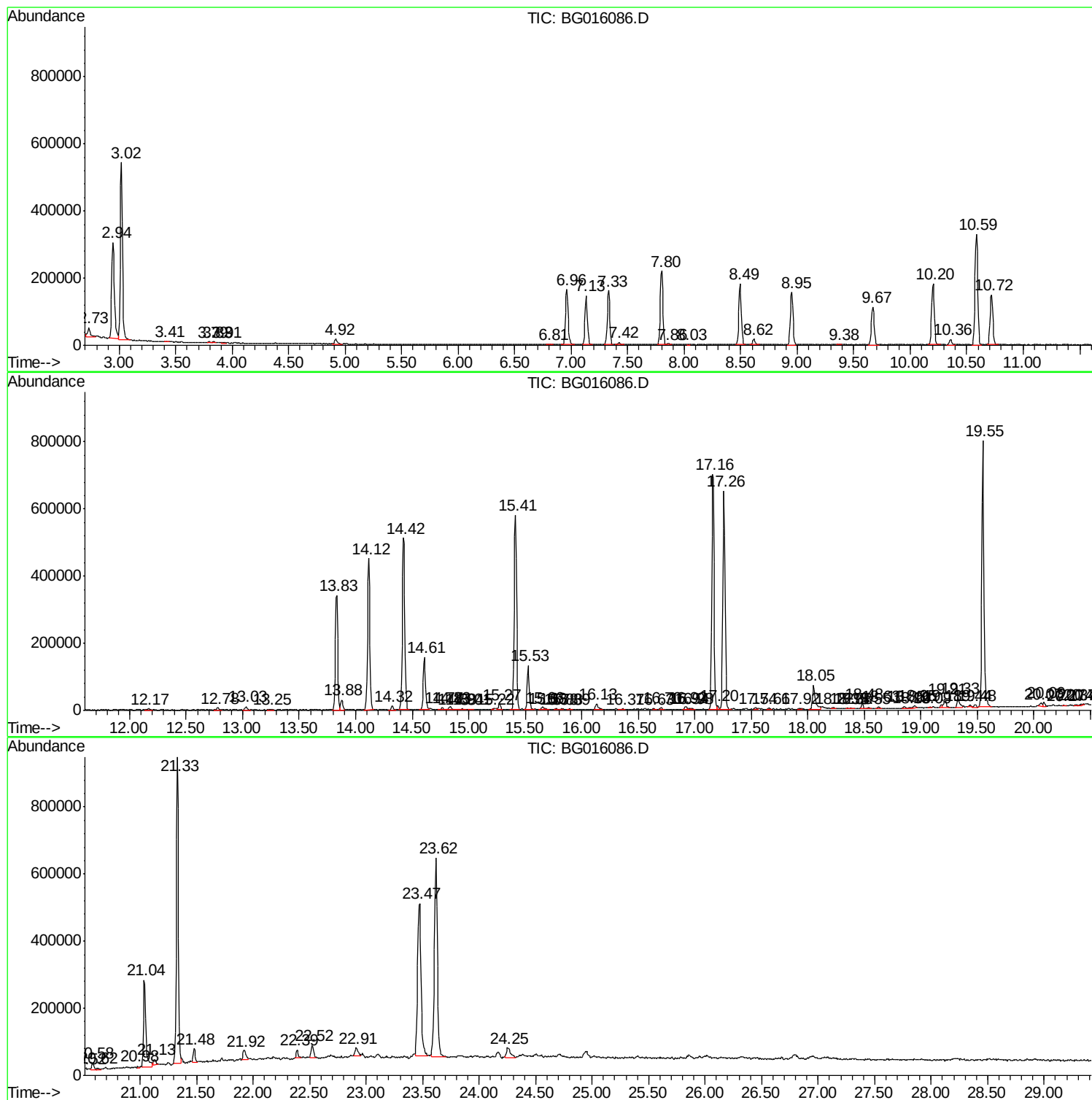
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Quant Title : SVOA CALIBRATION

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



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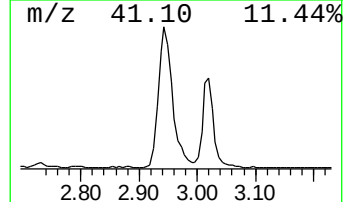
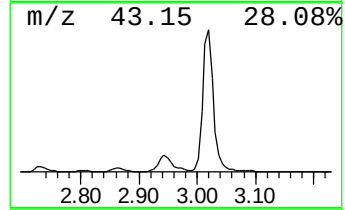
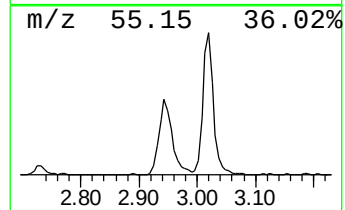
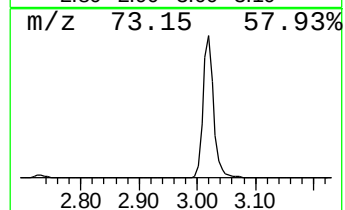
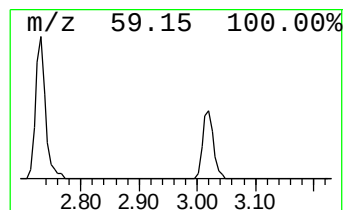
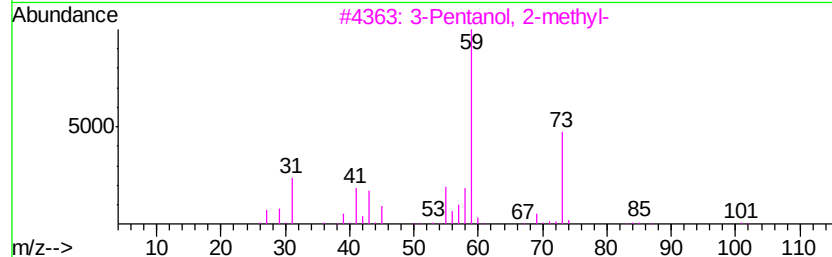
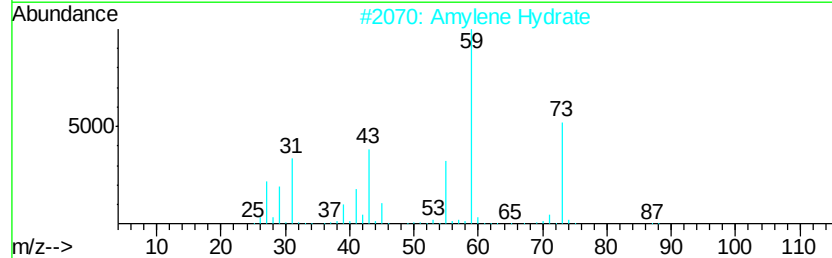
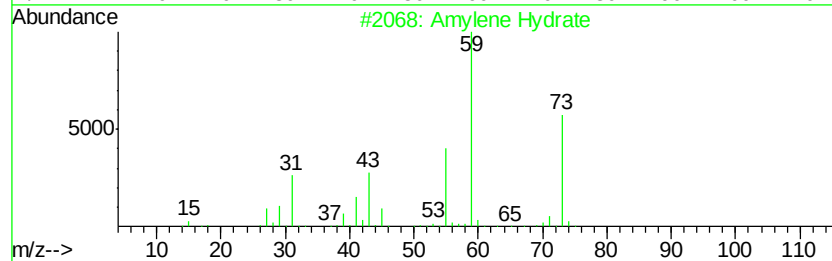
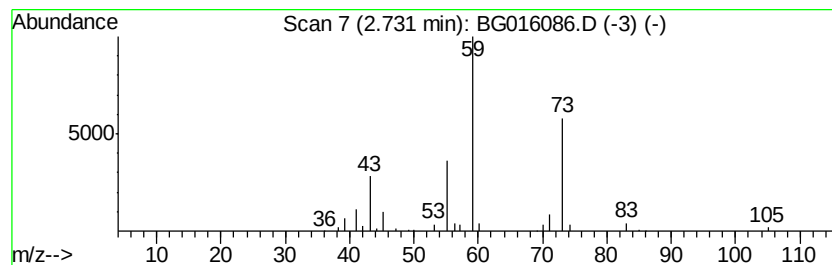
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Amylene Hydrate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.73	2.42 ng/ul	41383	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Amylene Hydrate	88	C5H12O	000075-85-4	78
2		Amylene Hydrate	88	C5H12O	000075-85-4	56
3		3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	39
4		Amylene Hydrate	88	C5H12O	000075-85-4	39
5		2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	39



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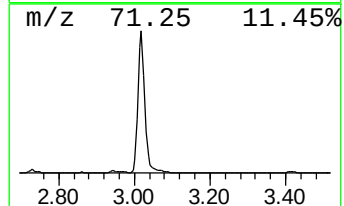
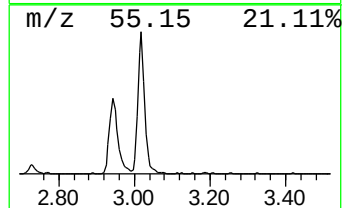
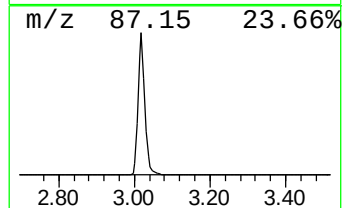
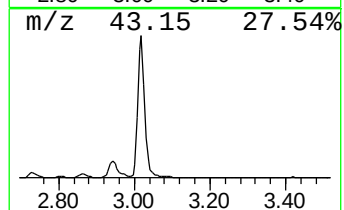
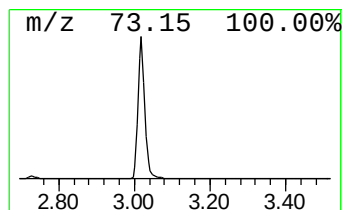
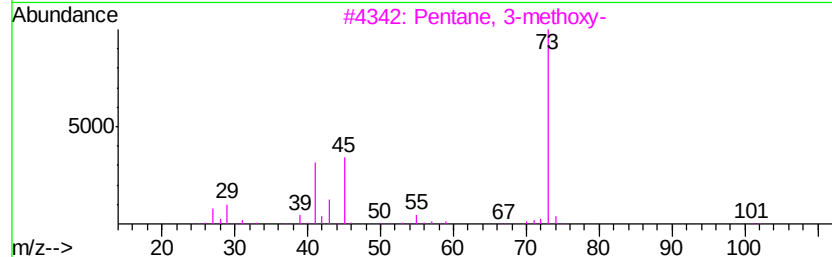
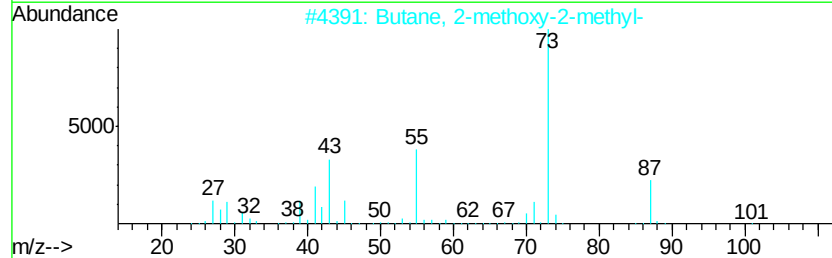
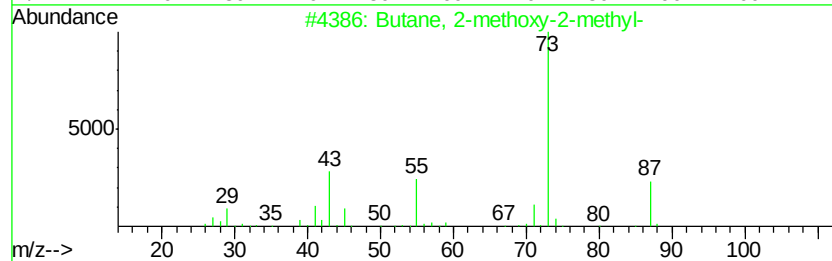
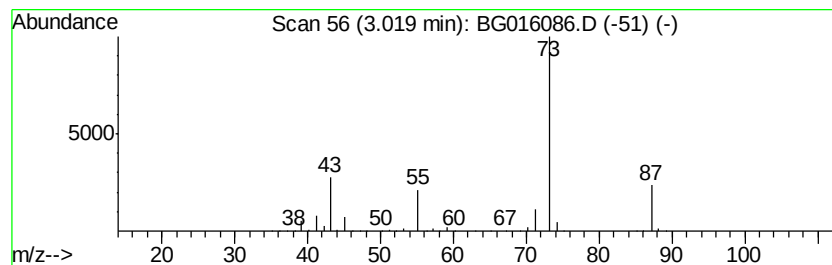
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	39.43 ng/ul	675188	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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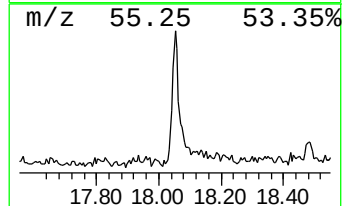
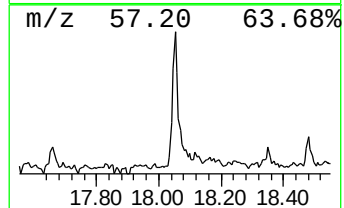
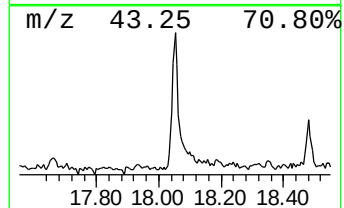
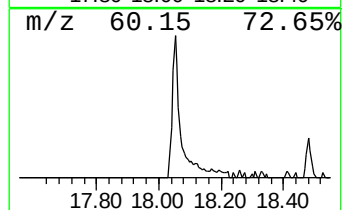
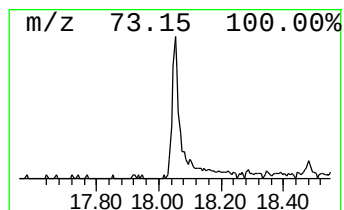
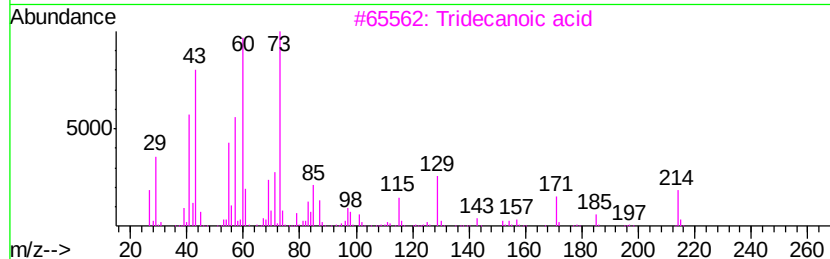
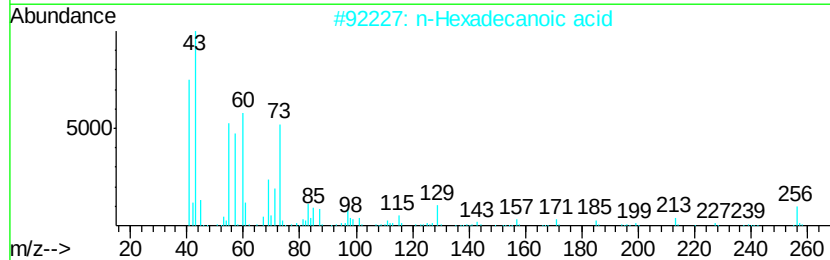
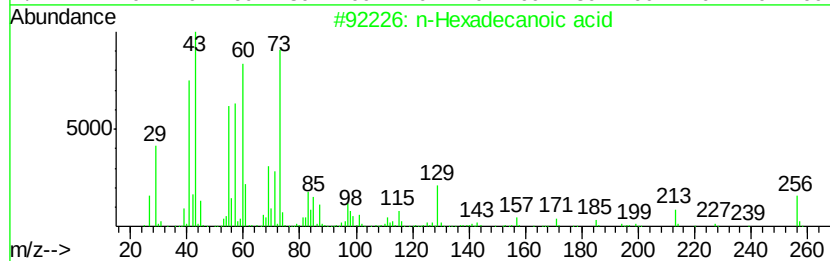
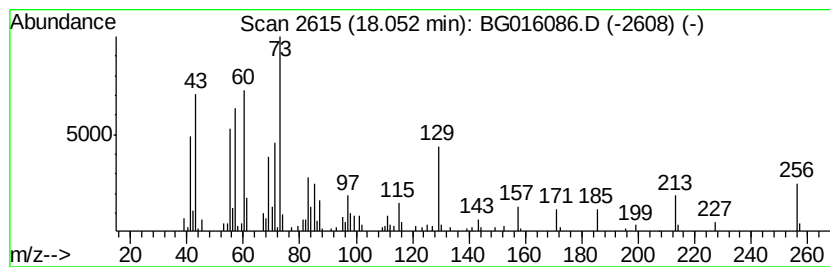
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.05	2.47 ng/ul	127136	Phenanthrene-d10	17.16		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86	
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	62	
5	n-Decanoic acid	172	C10H20O2	000334-48-5	60	



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Sample : G1565-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AE9

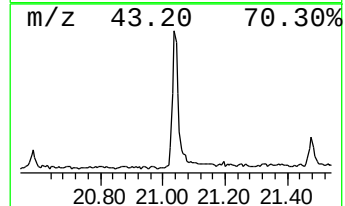
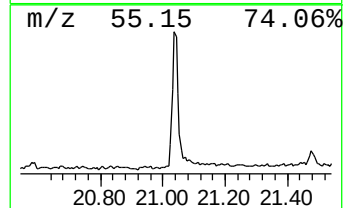
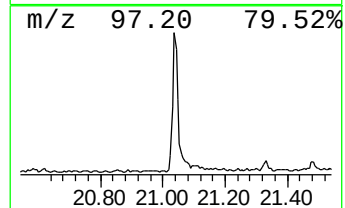
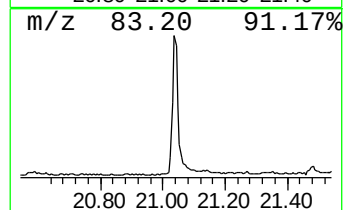
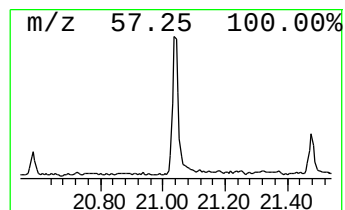
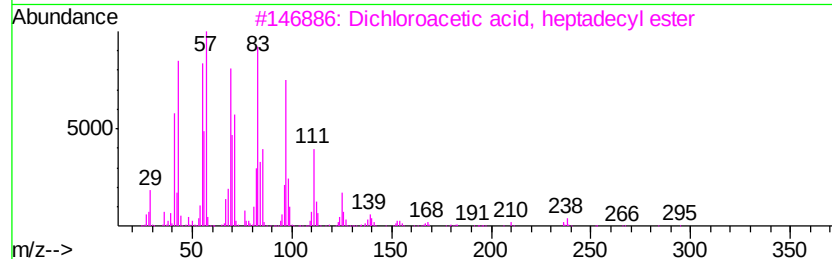
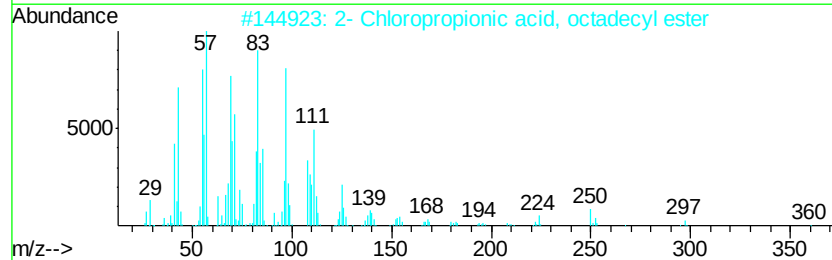
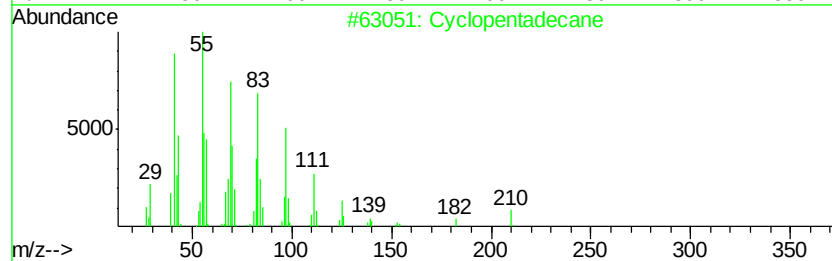
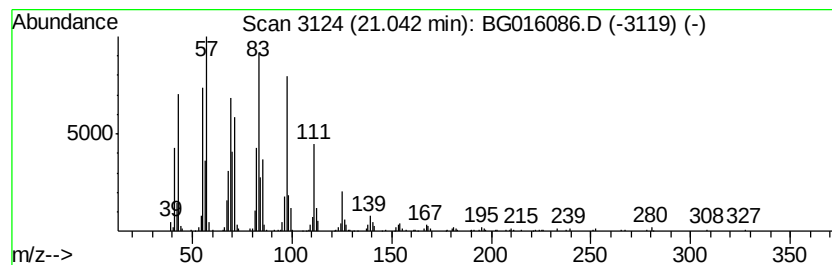
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Cyclopentadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	6.46 ng/ul	376115	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentadecane	210	C15H30	000295-48-7	93
2		2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	93
3		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
4		Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
5		1-Hexadecanol	242	C16H34O	036653-82-4	90



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032015\
Data File : BG016086.D
Acq On : 21 Mar 2015 4:02
Operator : TP/IZ
Sample : G1565-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AE9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.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
Amylene Hydrate	2.73	2.4	ng/ul	41383	1	7.80	342496	20.0
Butane, 2-methoxy...	3.02	39.4	ng/ul	675188	1	7.80	342496	20.0
n-Hexadecanoic acid	18.05	2.5	ng/ul	127136	4	17.16	1029660	20.0
Cyclopentadecane	21.04	6.5	ng/ul	376115	5	21.33	1164390	20.0