

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032715\
 Data File : BG016179.D
 Acq On : 27 Mar 2015 17:09
 Operator : TP/IZ
 Sample : G1647-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AC3

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	2.792	16	18	24	rVB3	8476	10062	0.34%	0.050%
2	2.933	37	42	51	rBV	87957	148669	5.01%	0.741%
3	3.009	51	55	67	rVB	74857	99033	3.33%	0.493%
4	3.532	141	144	152	rVB	13083	19328	0.65%	0.096%
5	3.826	190	194	199	rBV2	9450	12692	0.43%	0.063%
6	4.008	219	225	239	rVB	2135950	2969520	100.00%	14.793%
7	4.913	374	379	385	rVB2	8655	14721	0.50%	0.073%
8	6.793	694	699	703	rBV2	5603	8672	0.29%	0.043%
9	6.957	721	727	736	rBV	242108	378658	12.75%	1.886%
10	7.127	749	756	768	rBV	206718	315931	10.64%	1.574%
11	7.321	783	789	799	rVB	237902	373626	12.58%	1.861%
12	7.415	799	805	812	rVB2	7950	12725	0.43%	0.063%
13	7.791	862	869	876	rBV	187194	286466	9.65%	1.427%
14	7.973	896	900	904	rVB3	2351	3316	0.11%	0.017%
15	8.020	904	908	911	rBV3	2959	4276	0.14%	0.021%
16	8.490	979	988	996	rBV	320375	494514	16.65%	2.463%
17	8.943	1058	1065	1072	rBV	215101	349803	11.78%	1.743%
18	9.054	1080	1084	1088	rBV4	2116	3547	0.12%	0.018%
19	9.360	1132	1136	1142	rBV2	4025	6495	0.22%	0.032%
20	9.624	1172	1181	1182	rVV2	9787	19105	0.64%	0.095%
21	9.659	1182	1187	1196	rVB	181215	300967	10.14%	1.499%
22	10.194	1272	1278	1286	rBV	291579	473520	15.95%	2.359%
23	10.347	1297	1304	1311	rBV3	16664	27997	0.94%	0.139%
24	10.576	1334	1343	1351	rBV	282178	466978	15.73%	2.326%
25	10.711	1357	1366	1377	rBV	273737	477916	16.09%	2.381%
26	11.991	1579	1584	1593	rBV4	2401	5015	0.17%	0.025%
27	12.162	1609	1613	1617	rVB4	4524	5385	0.18%	0.027%
28	12.767	1711	1716	1722	rBV3	15964	24110	0.81%	0.120%
29	13.019	1754	1759	1765	rVB	24112	35111	1.18%	0.175%
30	13.243	1791	1797	1803	rVB2	8175	11805	0.40%	0.059%
31	13.307	1803	1808	1815	rBV3	15320	23983	0.81%	0.119%
32	13.824	1890	1896	1900	rBV	524285	711225	23.95%	3.543%
33	13.871	1900	1904	1912	rVV	219676	298977	10.07%	1.489%
34	14.106	1937	1944	1951	rBV	676099	950860	32.02%	4.737%

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 Title : SVOA CALIBRATION

35	14.312	1974	1979	1984	rVB2	17862	22793	0.77%	0.114%
36	14.412	1989	1996	2005	rVB2	428244	660355	22.24%	3.290%
37	14.611	2021	2030	2045	rBV	228668	330280	11.12%	1.645%
38	14.764	2049	2056	2061	rVB9	3054	6469	0.22%	0.032%
39	14.817	2061	2065	2069	rBV5	4851	8422	0.28%	0.042%
40	14.935	2080	2085	2089	rVB4	4403	6989	0.24%	0.035%
41	15.211	2126	2132	2136	rBV2	7509	11989	0.40%	0.060%
42	15.263	2136	2141	2145	rVB	30113	36832	1.24%	0.183%
43	15.404	2159	2165	2171	rBV	839137	1184186	39.88%	5.899%
44	15.463	2171	2175	2179	rVB4	2699	4210	0.14%	0.021%
45	15.522	2179	2185	2191	rBV	147817	203569	6.86%	1.014%
46	15.645	2202	2206	2207	rBV	11628	13285	0.45%	0.066%
47	15.763	2221	2226	2229	rVB3	3723	6285	0.21%	0.031%
48	15.816	2231	2235	2240	rVB6	3431	5288	0.18%	0.026%
49	15.880	2240	2246	2250	rBV4	3659	6312	0.21%	0.031%
50	16.121	2282	2287	2289	rBV	38636	49661	1.67%	0.247%
51	16.297	2311	2317	2319	rVB4	2816	3832	0.13%	0.019%
52	16.462	2341	2345	2348	rBV4	4418	5967	0.20%	0.030%
53	16.526	2352	2356	2359	rVV4	3372	4183	0.14%	0.021%
54	16.626	2369	2373	2376	rBV4	3122	4894	0.16%	0.024%
55	16.908	2415	2421	2425	rBV	42675	52067	1.75%	0.259%
56	16.961	2425	2430	2435	rVB4	12879	21695	0.73%	0.108%
57	17.055	2441	2446	2447	rBV3	3347	4305	0.14%	0.021%
58	17.073	2447	2449	2452	rVB3	3827	3549	0.12%	0.018%
59	17.149	2456	2462	2468	rBV2	552924	786826	26.50%	3.920%
60	17.190	2468	2469	2473	rVB	5150	4871	0.16%	0.024%
61	17.249	2473	2479	2488	rVB	934003	1282807	43.20%	6.390%
62	17.378	2500	2501	2505	rVB2	3482	3338	0.11%	0.017%
63	17.443	2508	2512	2518	rVB6	4893	8767	0.30%	0.044%
64	17.531	2520	2527	2532	rBV3	58925	90103	3.03%	0.449%
65	17.648	2542	2547	2552	rVB	44238	55706	1.88%	0.277%
66	17.731	2558	2561	2565	rBV7	2529	3426	0.12%	0.017%
67	17.825	2570	2577	2580	rBV6	5381	9542	0.32%	0.048%
68	17.919	2591	2593	2596	rBV3	3148	4606	0.16%	0.023%
69	18.048	2609	2615	2624	rBV	97769	161339	5.43%	0.804%
70	18.218	2642	2644	2647	rBV3	2877	3387	0.11%	0.017%
71	18.336	2659	2664	2670	rBV	35096	44814	1.51%	0.223%

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72	18.471	2682	2687	2691	rVB7	6952	9389	0.32%	0.047%
73	18.530	2692	2697	2701	rVB8	2852	4141	0.14%	0.021%
74	18.594	2703	2708	2710	rBV5	2994	5004	0.17%	0.025%
75	18.782	2736	2740	2741	rBV4	2637	3355	0.11%	0.017%
76	18.900	2756	2760	2769	rBV	81077	124551	4.19%	0.620%
77	18.970	2769	2772	2780	rVB	31384	45280	1.52%	0.226%
78	19.099	2789	2794	2796	rBV4	3628	5109	0.17%	0.025%
79	19.176	2803	2807	2809	rBV2	10954	15855	0.53%	0.079%
80	19.205	2809	2812	2816	rVB	22139	29867	1.01%	0.149%
81	19.323	2826	2832	2844	rBV2	44877	91421	3.08%	0.455%
82	19.428	2847	2850	2853	rVV	12925	16569	0.56%	0.083%
83	19.470	2853	2857	2862	rVV4	12825	20016	0.67%	0.100%
84	19.540	2863	2869	2881	rVV2	989194	1471884	49.57%	7.332%
85	19.746	2902	2904	2909	rBV6	2821	3777	0.13%	0.019%
86	20.057	2953	2957	2958	rVV4	10893	17092	0.58%	0.085%
87	20.081	2958	2961	2964	rVB2	17902	20899	0.70%	0.104%
88	20.409	3012	3017	3020	rBV2	16204	22616	0.76%	0.113%
89	20.456	3021	3025	3030	rVV3	22389	31961	1.08%	0.159%
90	20.533	3036	3038	3040	rVB3	8657	6131	0.21%	0.031%
91	20.574	3041	3045	3049	rVB5	14710	18137	0.61%	0.090%
92	21.032	3118	3123	3133	rBV	336548	481460	16.21%	2.398%
93	21.114	3135	3137	3141	rVB3	11363	15172	0.51%	0.076%
94	21.238	3155	3158	3162	rVB3	8053	10757	0.36%	0.054%
95	21.320	3167	3172	3177	rBV	696967	902732	30.40%	4.497%
96	21.437	3188	3192	3194	rBV4	18895	24145	0.81%	0.120%
97	21.467	3195	3197	3204	rVB4	16208	23818	0.80%	0.119%
98	23.458	3529	3536	3551	rVB2	637497	1249975	42.09%	6.227%
99	23.605	3553	3561	3571	rBV2	442066	893367	30.08%	4.450%
100	24.240	3664	3669	3675	rBV6	22373	47930	1.61%	0.239%

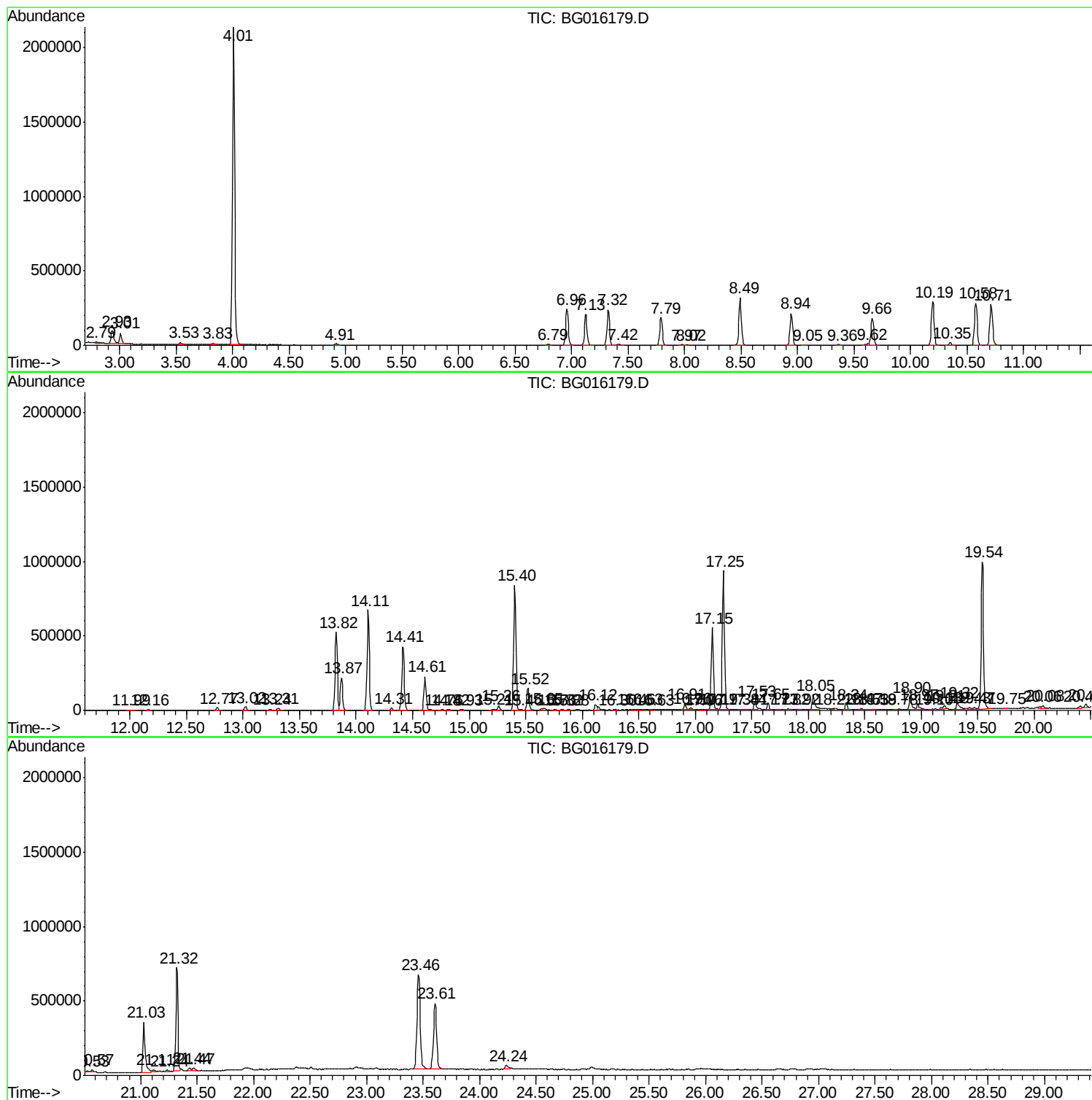
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION

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



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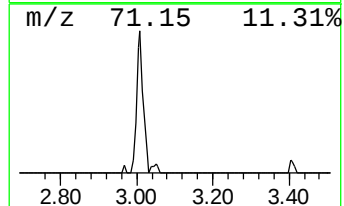
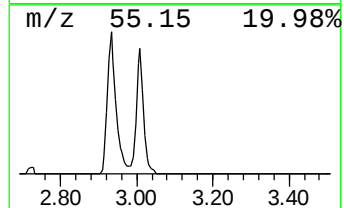
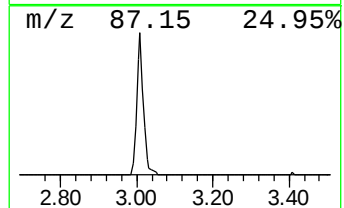
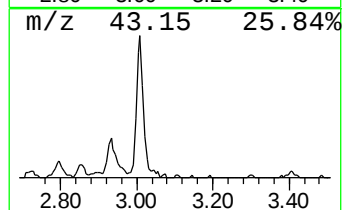
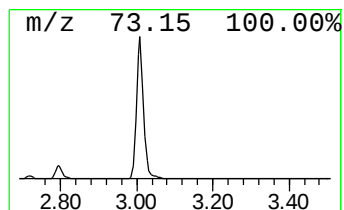
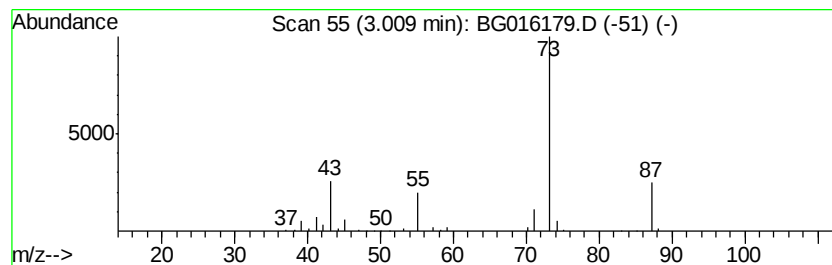
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.01	6.91 ng/ul	99033	1,4-Dichlorobenzene-d4	7.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5			N-Ethylformamide	73	C3H7NO	000627-45-2	9



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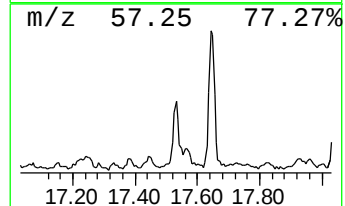
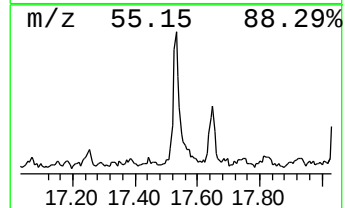
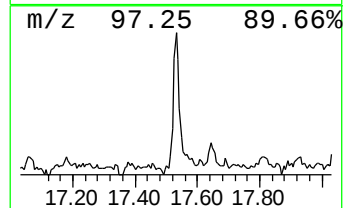
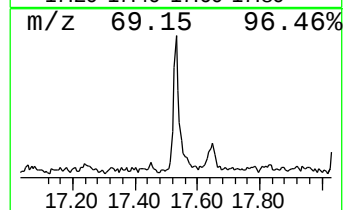
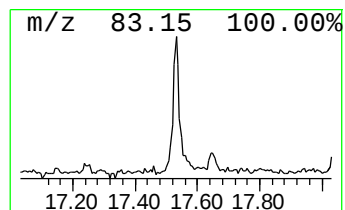
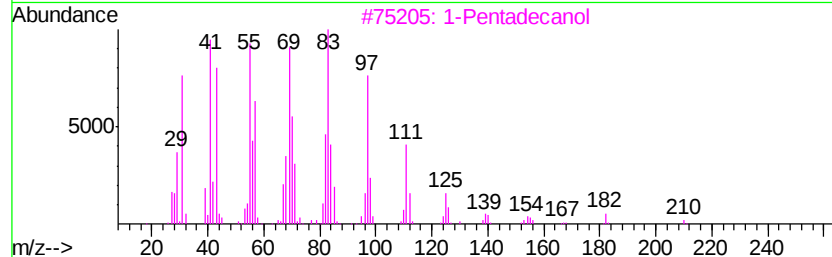
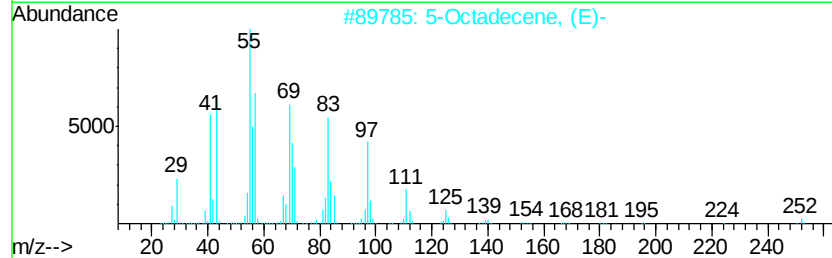
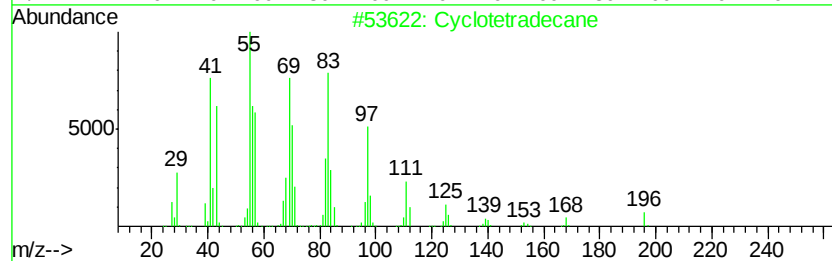
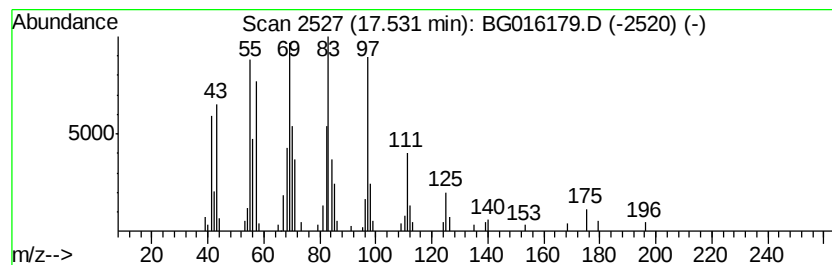
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Cyclic Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.53	2.29 ng/ul	90103	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetradecane	196	C14H28	000295-17-0	91
2		5-Octadecene, (E)-	252	C18H36	007206-21-5	91
3		1-Pentadecanol	228	C15H32O	000629-76-5	91
4		4-Heptafluorobutyryloxyhexadecane	438	C20H33F7O2	1000282-97-2	91
5		1-Hexadecanol	242	C16H34O	036653-82-4	91



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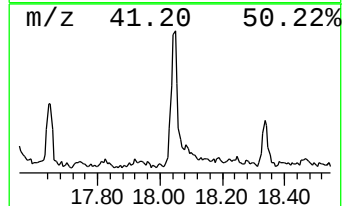
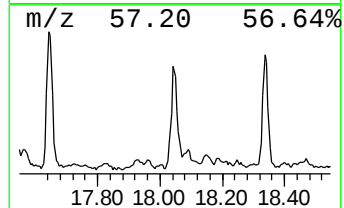
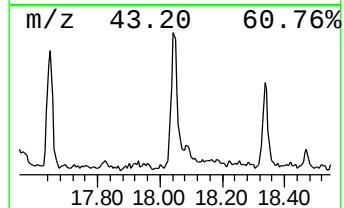
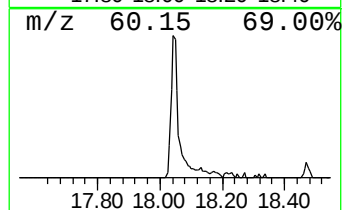
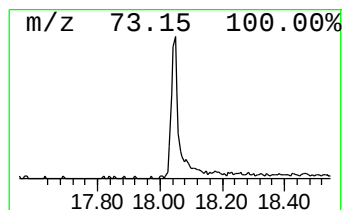
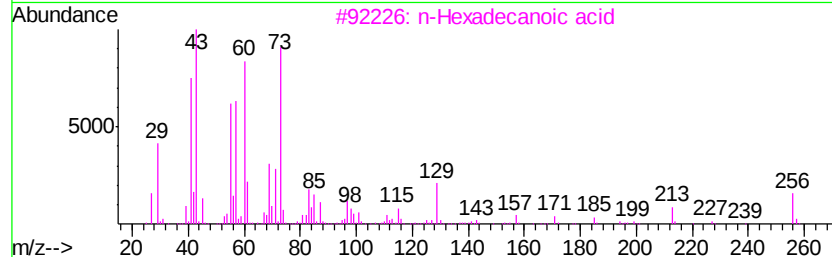
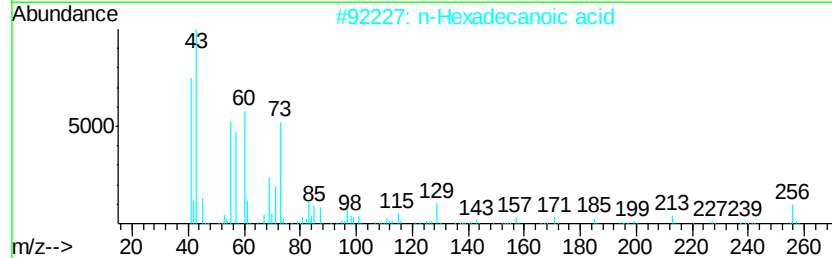
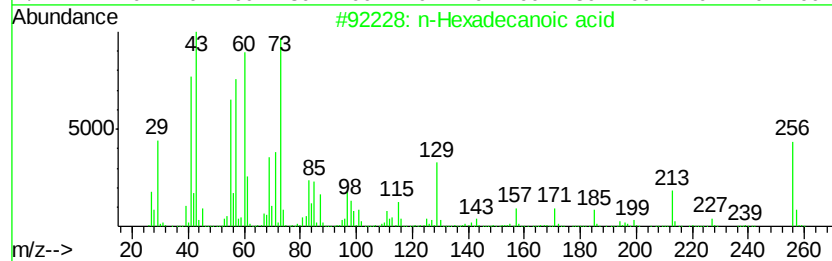
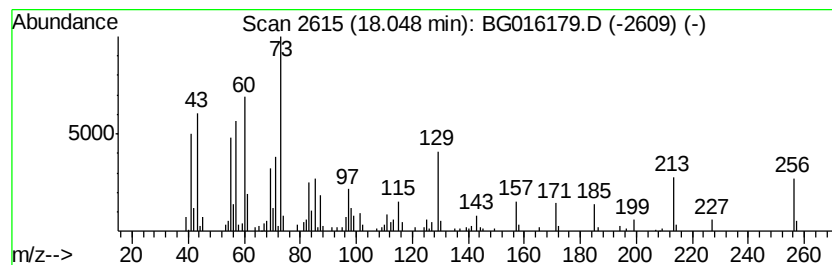
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	4.10 ng/ul	161339	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
4		Tridecanoic acid	214	C13H26O2	000638-53-9	90
5		Tridecanoic acid	214	C13H26O2	000638-53-9	64



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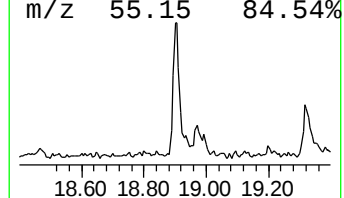
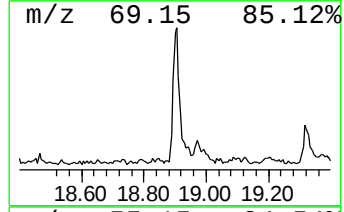
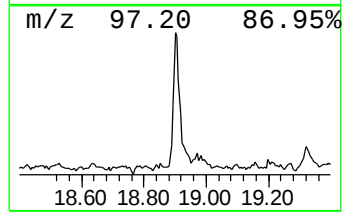
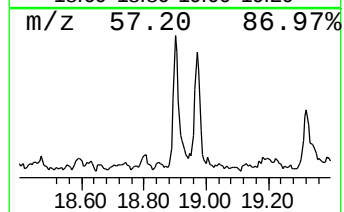
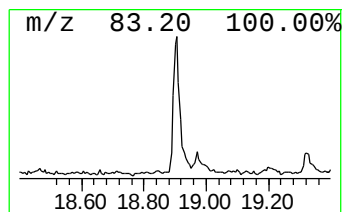
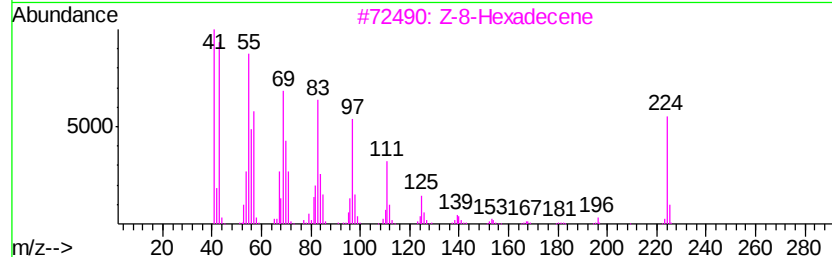
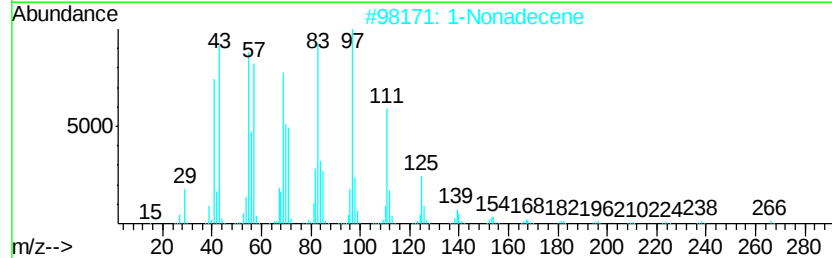
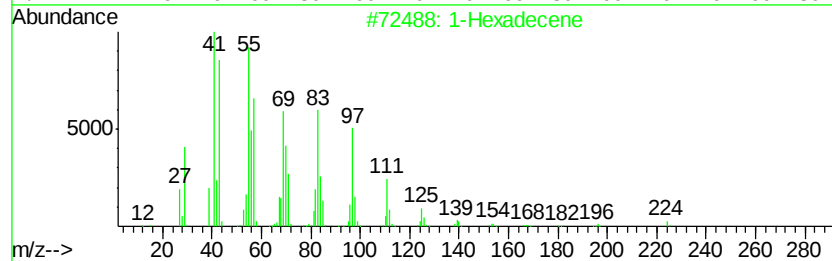
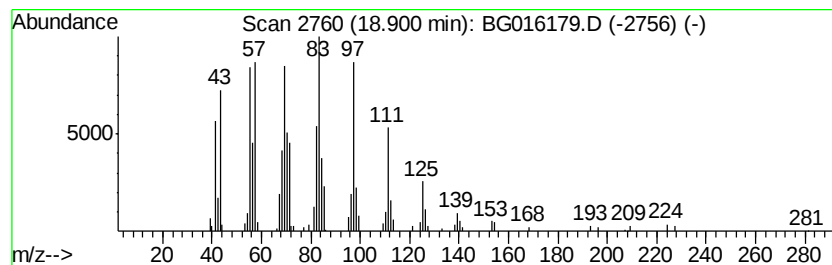
Instrument :
BNA_G
ClientSampleId :
C0AC3

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 6 1-Hexadecene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.90	3.17 ng/ul	124551	Phenanthrene-d10	17.15
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Hexadecene	224	C16H32	000629-73-2 95
2	1-Nonadecene	266	C19H38	018435-45-5 95
3	Z-8-Hexadecene	224	C16H32	1000130-87-5 94
4	1-Octadecanol	270	C18H38O	000112-92-5 94
5	1-Octadecanol	270	C18H38O	000112-92-5 94



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032715\
Data File : BG016179.D
Acq On : 27 Mar 2015 17:09
Operator : TP/IZ
Sample : G1647-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

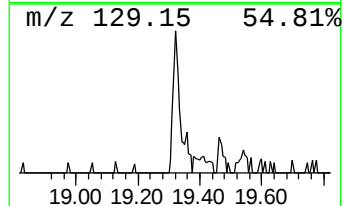
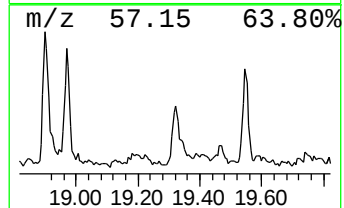
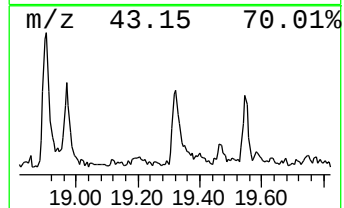
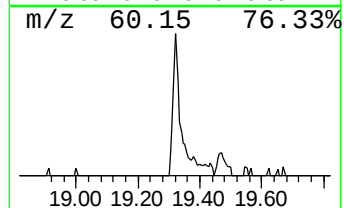
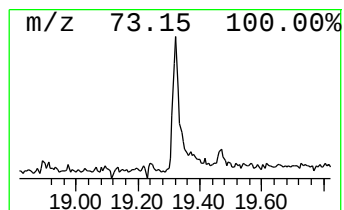
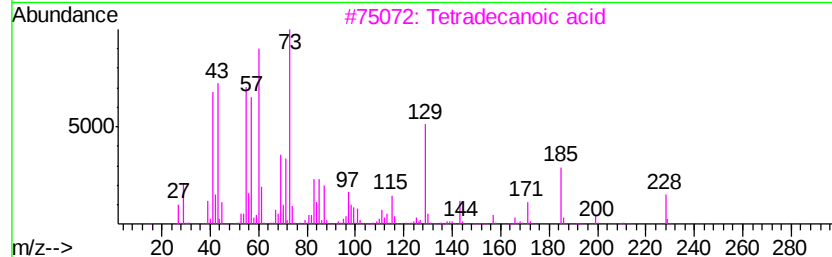
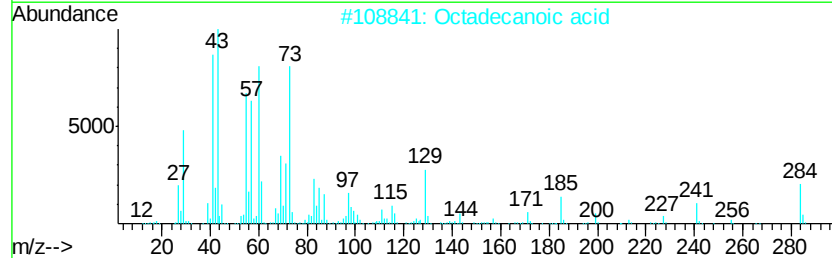
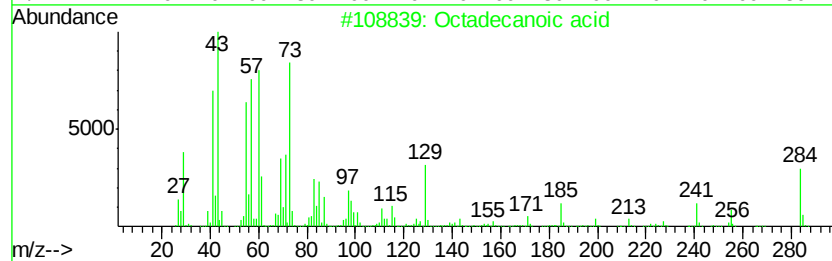
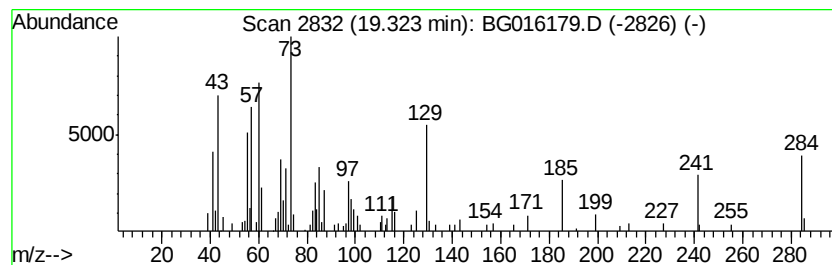
Instrument :
BNA_G
ClientSampleId :
C0AC3

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 7 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.32	2.03 ng/ul	91421	Chrysene-d12	21.32
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4 94
2	Octadecanoic acid	284	C18H36O2	000057-11-4 94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8 64
4	Octadecanoic acid	284	C18H36O2	000057-11-4 62
5	Octadecanoic acid	284	C18H36O2	000057-11-4 53



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032715\
Data File : BG016179.D
Acq On : 27 Mar 2015 17:09
Operator : TP/IZ
Sample : G1647-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AC3

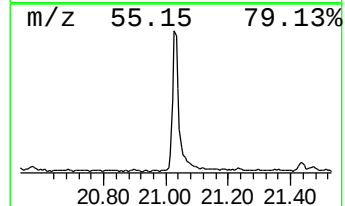
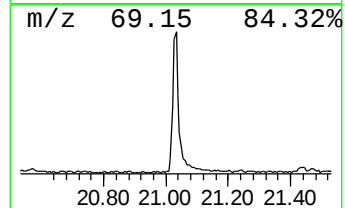
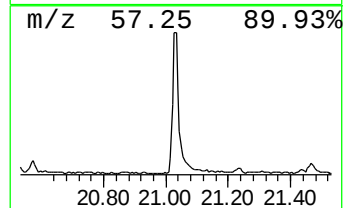
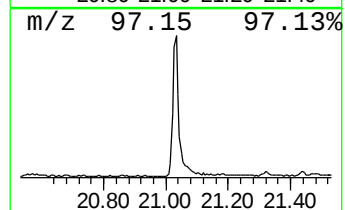
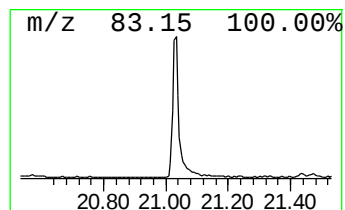
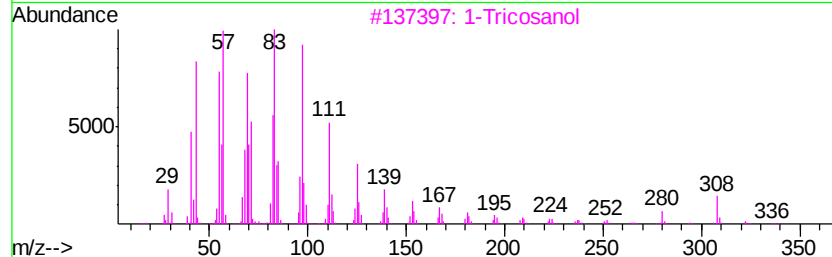
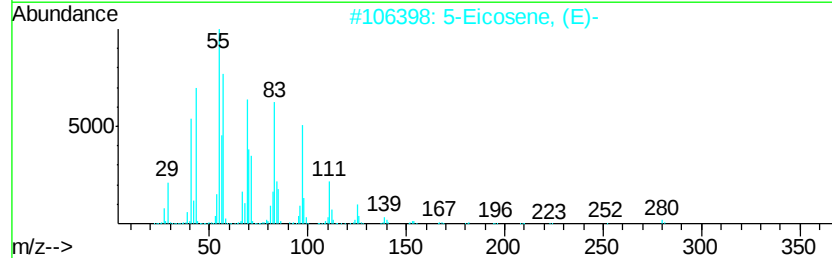
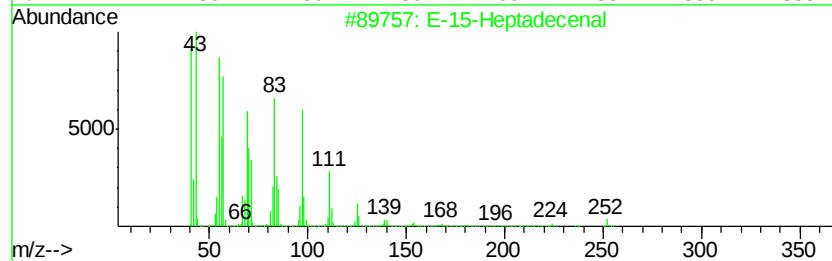
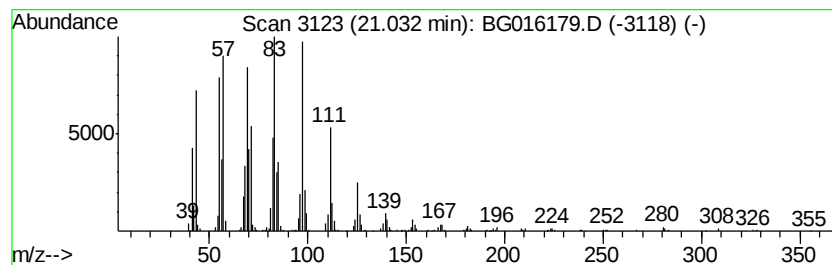
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 E-15-Heptadecenal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.03	10.67 ng/ul	481460	Chrysene-d12	21.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	E-15-Heptadecenal	252	C17H32O	1000130-97-9	98
2		5-Eicosene, (E)-	280	C20H40	074685-30-6	98
3		1-Tricosanol	340	C23H48O	003133-01-5	94
4		1-Nonadecene	266	C19H38	018435-45-5	94
5		1-Octadecanol	270	C18H38O	000112-92-5	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032715\
Data File : BG016179.D
Acq On : 27 Mar 2015 17:09
Operator : TP/IZ
Sample : G1647-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AC3

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
Butane, 2-methoxy...	3.01	6.9	ng/ul	99033	1	7.79	286466	20.0
(DEL) Alkane: Cyclic	17.53	2.3	ng/ul	90103	4	17.15	786826	20.0
n-Hexadecanoic acid	18.05	4.1	ng/ul	161339	4	17.15	786826	20.0
1-Hexadecene	18.90	3.2	ng/ul	124551	4	17.15	786826	20.0
Octadecanoic acid	19.32	2.0	ng/ul	91421	5	21.32	902732	20.0
E-15-Heptadecenal	21.03	10.7	ng/ul	481460	5	21.32	902732	20.0