

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081417\
 Data File : BG028332.D
 Acq On : 15 Aug 2017 4:02
 Operator : SJ/JU
 Sample : I4673-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AL1

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.1
 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: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.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	3.841	39	43	48	rBV4	11632	17447	0.74%	0.079%
2	4.117	86	90	96	rVB4	2714	5073	0.22%	0.023%
3	5.522	327	329	334	rVB2	2257	3616	0.15%	0.016%
4	6.568	499	507	513	rVB6	3286	6219	0.26%	0.028%
5	7.361	633	642	648	rBV6	3721	11404	0.49%	0.052%
6	7.508	659	667	678	rBV	80244	159171	6.78%	0.724%
7	7.672	683	695	707	rBV	208260	353784	15.06%	1.609%
8	7.766	707	711	717	rVB5	2726	4151	0.18%	0.019%
9	7.890	725	732	744	rVV	230350	429100	18.27%	1.951%
10	8.160	773	778	785	rBV3	2131	3988	0.17%	0.018%
11	8.360	802	812	824	rBV	190212	350847	14.94%	1.595%
12	9.053	919	930	943	rBV3	216843	418261	17.81%	1.902%
13	9.182	943	952	960	rVB3	10262	19586	0.83%	0.089%
14	9.523	1002	1010	1022	rBV	288146	565553	24.08%	2.571%
15	9.623	1022	1027	1033	rVB7	3123	6841	0.29%	0.031%
16	10.251	1125	1134	1144	rVV	259595	501962	21.37%	2.282%
17	10.316	1144	1145	1151	rVB3	3216	4657	0.20%	0.021%
18	10.792	1215	1226	1244	rBV	353556	723847	30.81%	3.291%
19	10.939	1248	1251	1258	rVB6	2582	4249	0.18%	0.019%
20	11.086	1272	1276	1282	rBV4	1988	5001	0.21%	0.023%
21	11.180	1282	1292	1302	rVV	301773	564285	24.02%	2.566%
22	11.315	1309	1315	1322	rBV4	11308	22824	0.97%	0.104%
23	11.673	1370	1376	1381	rBV3	27565	50403	2.15%	0.229%
24	11.738	1381	1387	1401	rVB2	33578	74440	3.17%	0.338%
25	12.143	1454	1456	1466	rVB3	2033	4235	0.18%	0.019%
26	12.731	1549	1556	1562	rBV4	5865	13411	0.57%	0.061%
27	13.083	1609	1616	1620	rBV3	1316	3713	0.16%	0.017%
28	13.324	1649	1657	1664	rBV5	3724	9317	0.40%	0.042%
29	13.553	1688	1696	1709	rBV6	6431	18692	0.80%	0.085%
30	13.830	1738	1743	1748	rVB3	3810	6995	0.30%	0.032%
31	14.353	1823	1832	1849	rBV	791392	1209859	51.50%	5.501%
32	14.664	1877	1885	1896	rBV	790873	1345286	57.27%	6.117%
33	14.964	1924	1936	1950	rBV2	545155	912277	38.83%	4.148%
34	15.169	1962	1971	1992	rBV2	60792	159650	6.80%	0.726%

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Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
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35	15.440	2010	2017	2021	rVB7	4442	6651	0.28%	0.030%
36	15.727	2061	2066	2069	rBV	4970	7971	0.34%	0.036%
37	15.751	2069	2070	2078	rVB4	3610	3688	0.16%	0.017%
38	15.951	2093	2104	2116	rBV	1105994	1822364	77.58%	8.286%
39	16.068	2116	2124	2137	rBV	453479	707022	30.10%	3.215%
40	16.192	2141	2145	2157	rVB3	14926	24710	1.05%	0.112%
41	16.309	2157	2165	2170	rVV5	3277	6470	0.28%	0.029%
42	16.644	2219	2222	2228	rVB3	2436	4611	0.20%	0.021%
43	16.908	2262	2267	2270	rBV3	4163	7154	0.30%	0.033%
44	16.991	2276	2281	2288	rBV3	5073	7929	0.34%	0.036%
45	17.496	2363	2367	2373	rVB5	4329	8243	0.35%	0.037%
46	17.619	2383	2388	2394	rVB	8233	14564	0.62%	0.066%
47	17.713	2394	2404	2413	rBV	728394	1121440	47.74%	5.099%
48	17.813	2413	2421	2435	rVB	1300007	2020400	86.01%	9.186%
49	17.960	2441	2446	2452	rVB3	6325	12527	0.53%	0.057%
50	18.354	2508	2513	2519	rBV5	4150	8869	0.38%	0.040%
51	18.424	2522	2525	2530	rBV5	2289	3866	0.16%	0.018%
52	18.565	2542	2549	2558	rBV6	8114	23398	1.00%	0.106%
53	18.648	2558	2563	2565	rVB3	6297	9624	0.41%	0.044%
54	18.847	2593	2597	2600	rVB4	3361	4107	0.17%	0.019%
55	18.888	2600	2604	2606	rBV3	3761	3976	0.17%	0.018%
56	19.094	2631	2639	2641	rBV8	5270	9170	0.39%	0.042%
57	19.253	2664	2666	2670	rVB4	3311	4148	0.18%	0.019%
58	19.294	2670	2673	2675	rBV2	2718	3806	0.16%	0.017%
59	19.570	2719	2720	2726	rVB6	3736	5862	0.25%	0.027%
60	19.652	2726	2734	2737	rBV9	6066	12950	0.55%	0.059%
61	19.723	2741	2746	2750	rVV	16614	27639	1.18%	0.126%
62	19.752	2750	2751	2755	rVB3	4734	5403	0.23%	0.025%
63	19.823	2757	2763	2770	rBV10	8326	19630	0.84%	0.089%
64	19.905	2776	2777	2782	rVB5	4089	4885	0.21%	0.022%
65	19.975	2782	2789	2796	rBV3	17722	37975	1.62%	0.173%
66	20.087	2797	2808	2824	rVV	1557461	2349116	100.00%	10.681%
67	20.428	2865	2866	2871	rBV5	4882	5408	0.23%	0.025%
68	20.745	2917	2920	2922	rBV4	5731	6437	0.27%	0.029%
69	20.892	2944	2945	2949	rBV4	4738	6551	0.28%	0.030%
70	20.951	2954	2955	2959	rBV4	4446	6007	0.26%	0.027%
71	20.998	2962	2963	2967	rBV3	8466	9344	0.40%	0.042%

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72	21.221	3000	3001	3005	rBV4	5796	8479	0.36%	0.039%
73	21.391	3021	3030	3035	rBV4	16464	49795	2.12%	0.226%
74	21.885	3109	3114	3118	rVB3	19733	29859	1.27%	0.136%
75	21.926	3118	3121	3123	rBV4	6042	7334	0.31%	0.033%
76	22.044	3133	3141	3150	rBV	698279	1289315	54.89%	5.862%
77	22.149	3158	3159	3162	rVB3	6952	5218	0.22%	0.024%
78	22.848	3274	3278	3283	rVB8	11545	22118	0.94%	0.101%
79	23.606	3400	3407	3411	rVB7	21879	47037	2.00%	0.214%
80	24.100	3488	3491	3493	rBV4	6701	9052	0.39%	0.041%
81	24.470	3547	3554	3564	rVB4	30332	76185	3.24%	0.346%
82	24.640	3582	3583	3586	rBV3	11072	11942	0.51%	0.054%
83	25.322	3686	3699	3721	rBV2	632559	2189733	93.22%	9.956%
84	25.557	3723	3739	3764	rVB2	334886	1291070	54.96%	5.870%
85	26.133	3836	3837	3842	rBV5	7733	7668	0.33%	0.035%
86	26.726	3929	3938	3951	rVB5	45562	156562	6.66%	0.712%
87	26.950	3975	3976	3980	rBV4	6752	8121	0.35%	0.037%
88	28.213	4178	4191	4204	rBV4	44011	179489	7.64%	0.816%
89	28.336	4210	4212	4214	rBV3	6256	4726	0.20%	0.021%
90	29.223	4360	4363	4368	rBV6	5516	11790	0.50%	0.054%
91	29.511	4409	4412	4415	rBV5	7158	9473	0.40%	0.043%
92	29.999	4482	4495	4511	rVB7	31604	157930	6.72%	0.718%
93	30.275	4541	4542	4549	rVB7	6656	10127	0.43%	0.046%
94	30.451	4570	4572	4575	rVB4	5042	4141	0.18%	0.019%
95	30.722	4615	4618	4620	rBV4	6423	4953	0.21%	0.023%
96	30.792	4628	4630	4633	rVB4	4192	4757	0.20%	0.022%
97	31.262	4708	4710	4713	rVB4	6149	6684	0.28%	0.030%
98	31.321	4717	4720	4721	rVB3	6498	5726	0.24%	0.026%
99	31.797	4799	4801	4802	rBV2	6393	5332	0.23%	0.024%
100	32.143	4851	4860	4861	rBV7	20942	45583	1.94%	0.207%

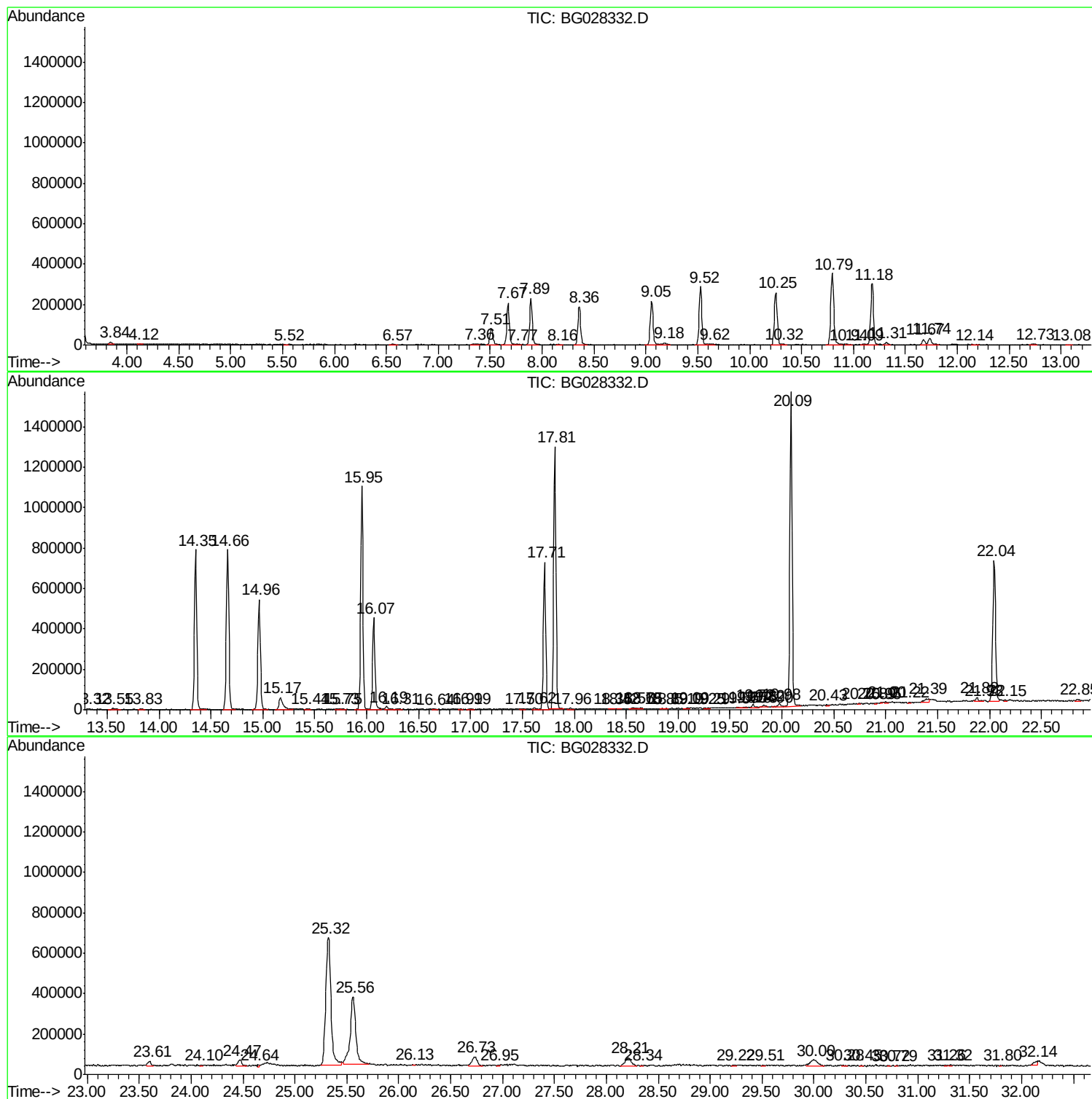
Sum of corrected areas: 21994258

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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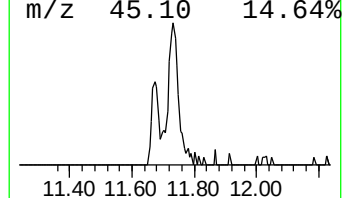
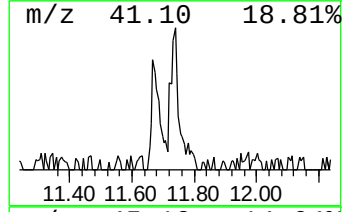
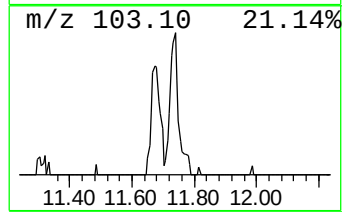
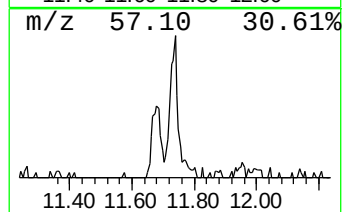
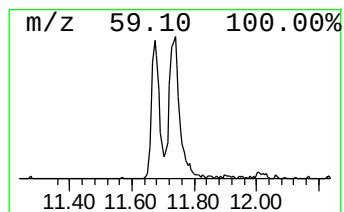
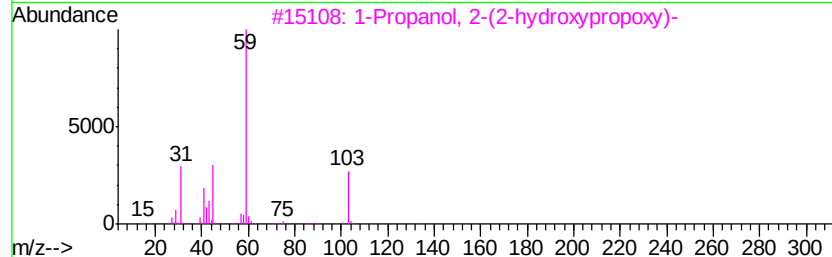
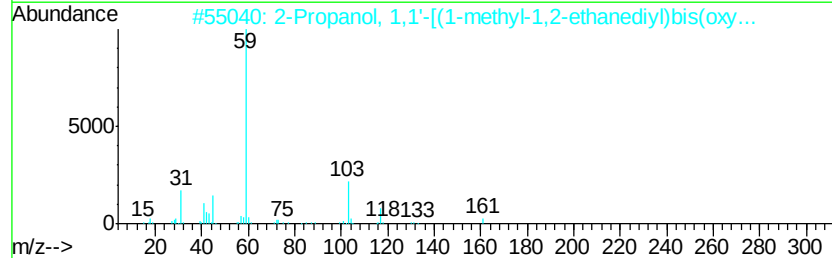
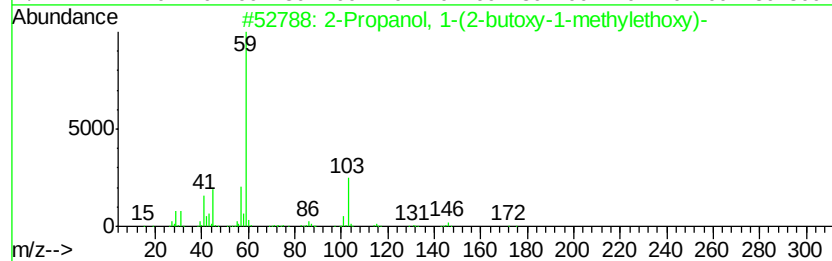
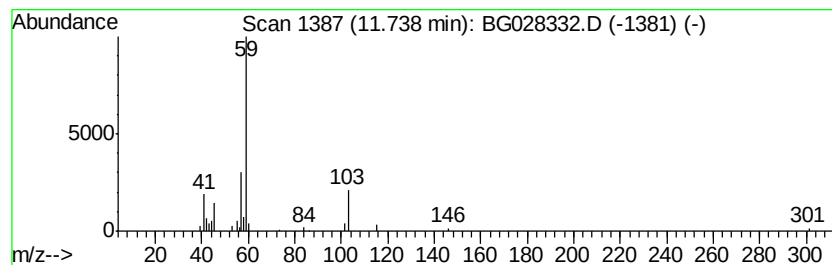
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Propanol, 1-(2-butoxy-1-m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	2.64 ng/ul	74440	Napthalene-d8	11.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-butoxy-1-methyl...	190	C10H22O3	029911-28-2	83		
2	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	78		
3	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	64		
4	2,4-Diethyl-6-methyl-1,3,5-trioxane	160	C8H16O3	117888-04-7	64		
5	Propanedioic acid, oxo-, dimethy...	146	C5H6O5	003298-40-6	53		



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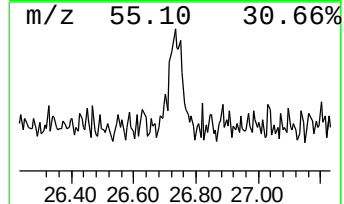
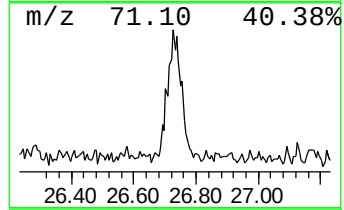
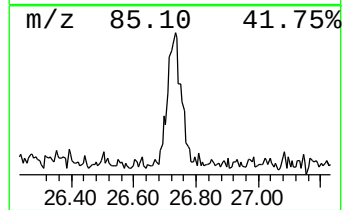
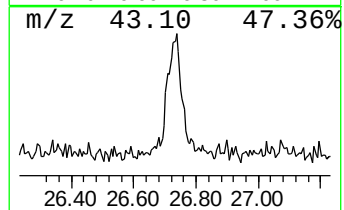
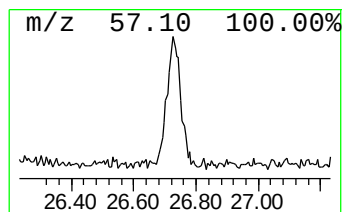
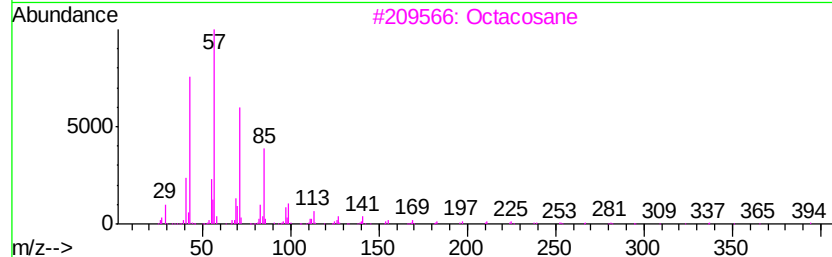
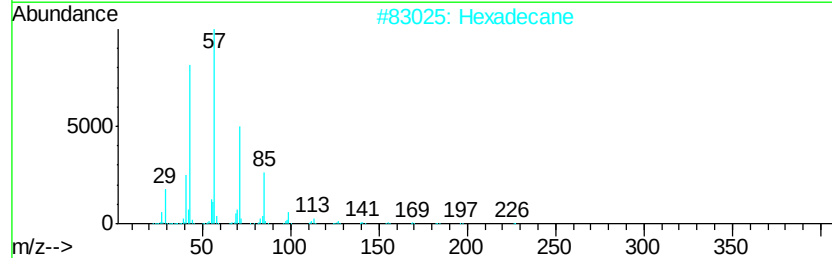
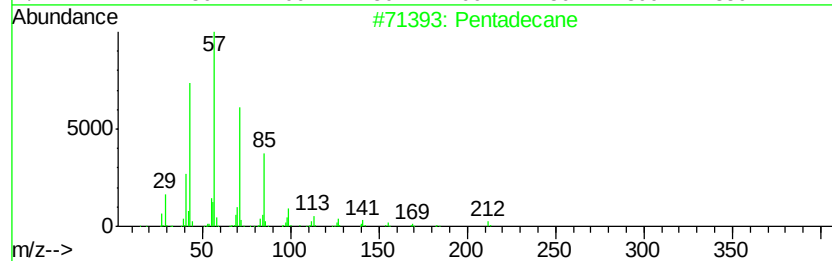
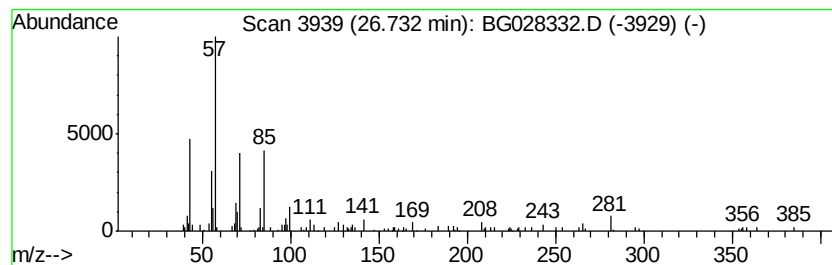
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.73	2.43 ng/ul	156562	Perylene-d12	25.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	64
2		Hexadecane	226	C16H34	000544-76-3	64
3		Octacosane	394	C28H58	000630-02-4	58
4		Heneicosane	296	C21H44	000629-94-7	53
5		10-Methylnonadecane	282	C20H42	056862-62-5	53



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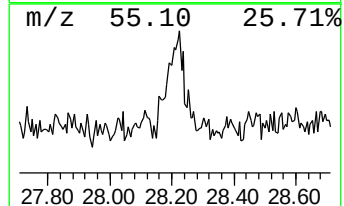
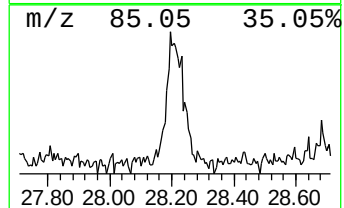
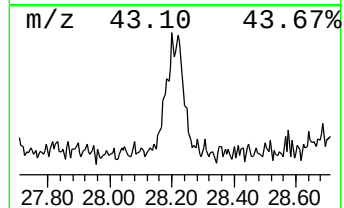
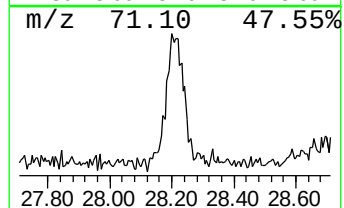
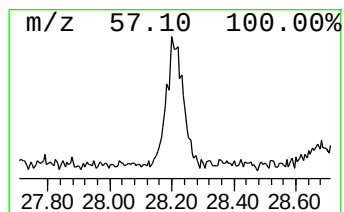
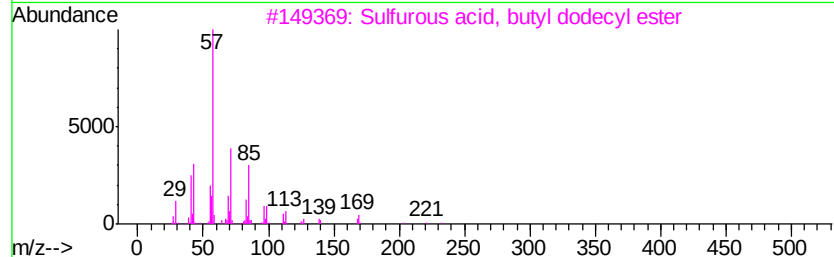
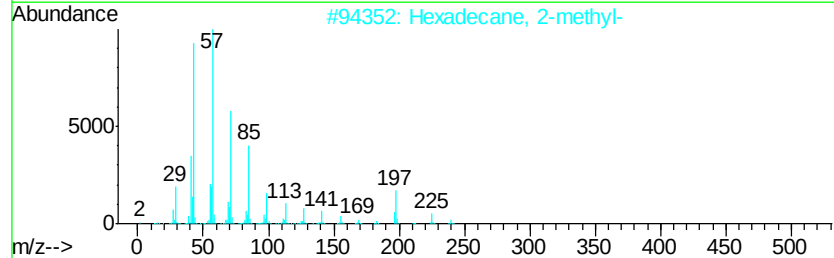
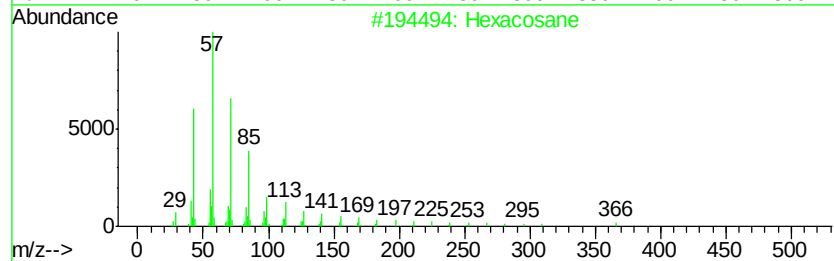
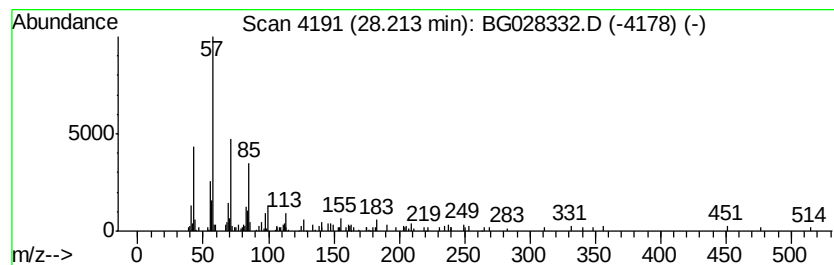
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TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.21	2.78 ng/ul	179489	Perylene-d12	25.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	87
2		Hexadecane, 2-methyl-	240	C17H36	001560-92-5	87
3		Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	86
4		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
5		Hentriacontane	437	C31H64	000630-04-6	86



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081417\
Data File : BG028332.D
Acq On : 15 Aug 2017 4:02
Operator : SJ/JU
Sample : I4673-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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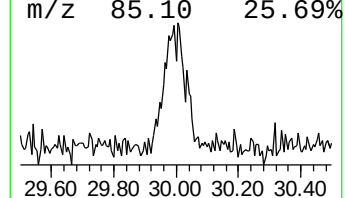
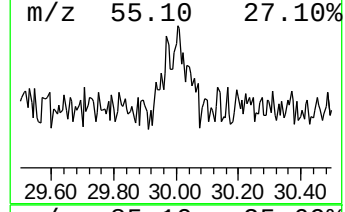
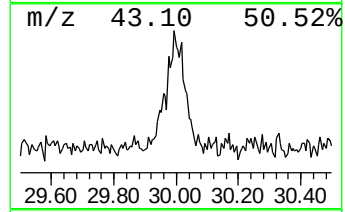
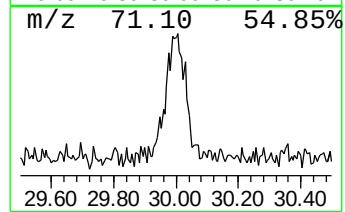
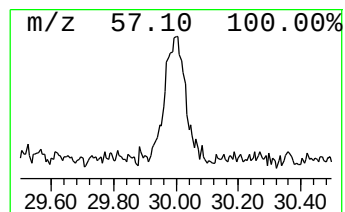
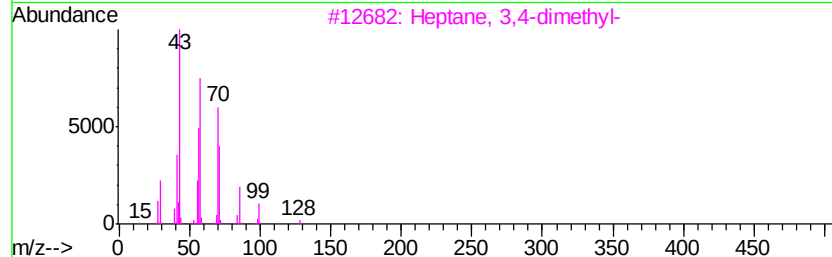
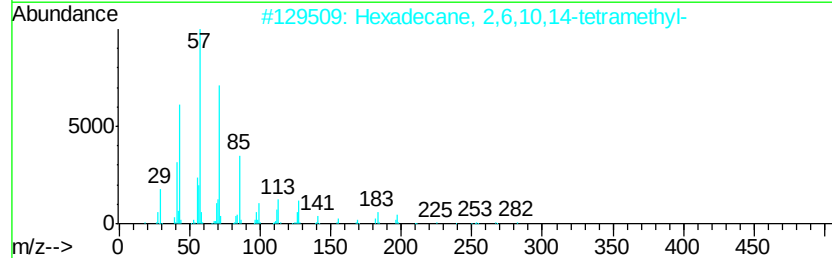
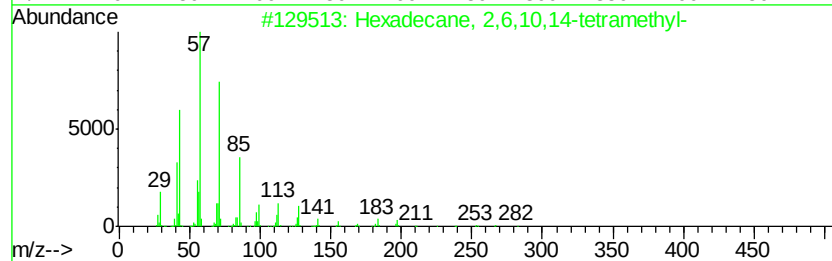
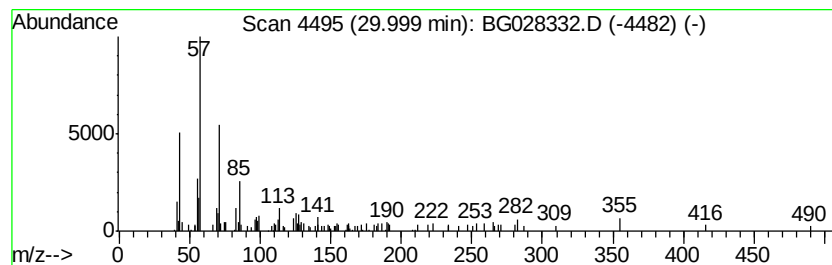
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.00	2.45 ng/ul	157930	Perylene-d12	25.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	53
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	53
3		Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	49
4		Hexatriacontane	507	C36H74	000630-06-8	49
5		Octacosane	394	C28H58	000630-02-4	49



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Sample : I4673-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AL1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Propanol, 1-(2-...	11.74	2.6	ng/ul	74440	2	11.17	564285	20.0
(DEL) Alkane: Str...	26.73	2.4	ng/ul	156562	6	25.56	1291070	20.0
(DEL) Alkane: Str...	28.21	2.8	ng/ul	179489	6	25.56	1291070	20.0
(DEL) Alkane: Str...	30.00	2.5	ng/ul	157930	6	25.56	1291070	20.0