

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072017\
 Data File : BG028002.D
 Acq On : 20 Jul 2017 17:25
 Operator : SJ/JU
 Sample : I4209-16
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B19

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-BG071717.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	3.720	20	22	29	rVB5	1754	3218	0.15%	0.017%
2	3.861	40	46	53	rBV3	8994	15793	0.76%	0.084%
3	4.120	83	90	96	rBV2	5673	11000	0.53%	0.059%
4	4.226	106	108	115	rVB6	1510	3095	0.15%	0.017%
5	4.590	167	170	179	rVB5	2140	4234	0.20%	0.023%
6	7.516	658	668	684	rBV	167944	340319	16.35%	1.819%
7	7.686	688	697	711	rBV	125312	216916	10.42%	1.159%
8	7.904	726	734	743	rBV	179332	315376	15.15%	1.685%
9	8.374	805	814	824	rVB	149615	260219	12.50%	1.391%
10	9.061	922	931	940	rBV	216684	398461	19.14%	2.130%
11	9.537	1004	1012	1029	rVB	167824	312374	15.00%	1.669%
12	10.266	1128	1136	1149	rBV	147909	275578	13.24%	1.473%
13	10.800	1216	1227	1239	rBV	223626	434690	20.88%	2.323%
14	10.883	1239	1241	1249	rVB2	1729	3609	0.17%	0.019%
15	11.112	1273	1280	1285	rBV3	1174	3202	0.15%	0.017%
16	11.188	1285	1293	1307	rVV	200923	381271	18.31%	2.038%
17	11.317	1307	1315	1339	rVV	211555	425558	20.44%	2.274%
18	12.745	1553	1558	1565	rBV2	3311	6362	0.31%	0.034%
19	14.367	1826	1834	1838	rBV	552238	851486	40.90%	4.551%
20	14.408	1838	1841	1856	rVB	319934	466446	22.40%	2.493%
21	14.672	1874	1886	1901	rBV	529330	862735	41.44%	4.611%
22	14.972	1927	1937	1950	rVB2	370473	635909	30.54%	3.399%
23	15.154	1958	1968	1998	rBV	129401	323404	15.53%	1.728%
24	15.454	2015	2019	2025	rVB3	1328	3072	0.15%	0.016%
25	15.730	2060	2066	2068	rBV2	2364	3298	0.16%	0.018%
26	15.765	2068	2072	2078	rVB4	5315	9129	0.44%	0.049%
27	15.965	2097	2106	2117	rBV	817513	1295335	62.22%	6.923%
28	16.071	2117	2124	2137	rVV	217550	352237	16.92%	1.882%
29	16.200	2142	2146	2153	rVB4	9902	15123	0.73%	0.081%
30	16.635	2216	2220	2232	rBV3	6152	11451	0.55%	0.061%
31	17.428	2349	2355	2361	rBV3	5379	9663	0.46%	0.052%
32	17.504	2366	2368	2376	rVB2	2807	4358	0.21%	0.023%
33	17.722	2397	2405	2414	rBV	611182	959150	46.07%	5.126%
34	17.821	2414	2422	2433	rVV	1046583	1601634	76.93%	8.560%

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35	17.968	2442	2447	2454	rVB5	1902	4852	0.23%	0.026%
36	18.180	2478	2483	2489	rVB3	3193	4987	0.24%	0.027%
37	18.362	2509	2514	2517	rBV2	2284	3027	0.15%	0.016%
38	18.574	2544	2550	2560	rBV5	17936	37097	1.78%	0.198%
39	18.650	2560	2563	2568	rVB2	4480	6185	0.30%	0.033%
40	19.725	2738	2746	2756	rBV2	11933	24340	1.17%	0.130%
41	19.831	2760	2764	2777	rBV5	10545	19370	0.93%	0.104%
42	19.978	2785	2789	2797	rBV3	11232	18853	0.91%	0.101%
43	20.095	2801	2809	2820	rVV	1396487	2028010	97.41%	10.838%
44	20.336	2848	2850	2859	rVB8	2866	6439	0.31%	0.034%
45	20.418	2859	2864	2867	rVB5	2963	5790	0.28%	0.031%
46	20.465	2867	2872	2873	rBV4	2834	4664	0.22%	0.025%
47	20.636	2897	2901	2904	rVB3	2347	3008	0.14%	0.016%
48	20.665	2904	2906	2910	rBV3	2367	3506	0.17%	0.019%
49	20.924	2946	2950	2953	rBV5	2526	3706	0.18%	0.020%
50	21.018	2963	2966	2971	rBV5	2307	4544	0.22%	0.024%
51	21.123	2982	2984	2992	rVB7	3532	5600	0.27%	0.030%
52	21.247	3002	3005	3010	rVB7	3594	4728	0.23%	0.025%
53	21.388	3023	3029	3030	rBV5	2226	3248	0.16%	0.017%
54	21.447	3030	3039	3042	rBV7	3636	10283	0.49%	0.055%
55	21.494	3042	3047	3052	rVV8	3048	7346	0.35%	0.039%
56	21.617	3066	3068	3071	rBV3	3307	3281	0.16%	0.018%
57	21.752	3089	3091	3095	rBV4	2357	3228	0.16%	0.017%
58	21.887	3111	3114	3119	rVB4	3150	6293	0.30%	0.034%
59	21.952	3119	3125	3127	rBV5	3386	5760	0.28%	0.031%
60	22.058	3134	3143	3156	rBV	739399	1304722	62.67%	6.973%
61	22.216	3165	3170	3174	rVB5	5078	8127	0.39%	0.043%
62	22.610	3231	3237	3238	rBV5	2318	3693	0.18%	0.020%
63	22.868	3276	3281	3287	rBV6	7197	12364	0.59%	0.066%
64	23.233	3335	3343	3347	rVB6	3477	7069	0.34%	0.038%
65	23.286	3347	3352	3355	rBV6	2927	5354	0.26%	0.029%
66	23.615	3403	3408	3415	rVB5	17267	35907	1.72%	0.192%
67	23.838	3438	3446	3456	rVB9	6761	16487	0.79%	0.088%
68	24.361	3525	3535	3537	rVB7	3347	8292	0.40%	0.044%
69	24.402	3541	3542	3546	rBV3	2361	3461	0.17%	0.018%
70	24.490	3550	3557	3569	rVB3	30720	74951	3.60%	0.401%
71	24.737	3596	3599	3601	rBV4	2246	3200	0.15%	0.017%

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72	24.796	3601	3609	3613	rVV10	3076	9302	0.45%	0.050%
73	25.189	3674	3676	3681	rVB4	3477	4011	0.19%	0.021%
74	25.230	3681	3683	3685	rBV2	2943	3488	0.17%	0.019%
75	25.330	3686	3700	3717	rVV2	676069	2081991	100.00%	11.127%
76	25.571	3724	3741	3763	rVB2	396790	1367717	65.69%	7.310%
77	26.306	3861	3866	3871	rVV8	3220	5099	0.24%	0.027%
78	26.394	3880	3881	3886	rBV5	2184	2959	0.14%	0.016%
79	26.770	3932	3945	3960	rVB2	49450	157350	7.56%	0.841%
80	27.034	3984	3990	3992	rBV7	4576	7836	0.38%	0.042%
81	27.686	4098	4101	4103	rBV4	3209	3036	0.15%	0.016%
82	27.786	4117	4118	4124	rBV6	2629	3641	0.17%	0.019%
83	27.839	4124	4127	4129	rBV4	3861	4016	0.19%	0.021%
84	27.992	4152	4153	4158	rBV4	2738	3305	0.16%	0.018%
85	28.250	4182	4197	4213	rBV4	49181	187609	9.01%	1.003%
86	28.556	4244	4249	4252	rBV6	3406	5292	0.25%	0.028%
87	29.073	4336	4337	4340	rBV3	3479	3764	0.18%	0.020%
88	29.473	4401	4405	4410	rBV6	3285	5745	0.28%	0.031%
89	29.543	4414	4417	4421	rVB4	3317	3860	0.19%	0.021%
90	29.590	4421	4425	4427	rBV5	1950	3250	0.16%	0.017%
91	29.901	4475	4478	4481	rBV5	2823	3532	0.17%	0.019%
92	30.048	4487	4503	4516	rBV5	32065	138051	6.63%	0.738%
93	30.289	4540	4544	4546	rBV5	2431	3308	0.16%	0.018%
94	30.483	4575	4577	4580	rBV3	3225	3572	0.17%	0.019%
95	30.977	4656	4661	4663	rBV5	2208	3663	0.18%	0.020%
96	31.335	4717	4722	4723	rBV5	3540	4715	0.23%	0.025%
97	31.652	4774	4776	4784	rVB6	3481	5648	0.27%	0.030%
98	32.210	4855	4871	4887	rBV6	30272	149528	7.18%	0.799%
99	32.346	4891	4894	4897	rVB3	2256	3320	0.16%	0.018%
100	32.622	4936	4941	4945	rBV7	2323	5136	0.25%	0.027%

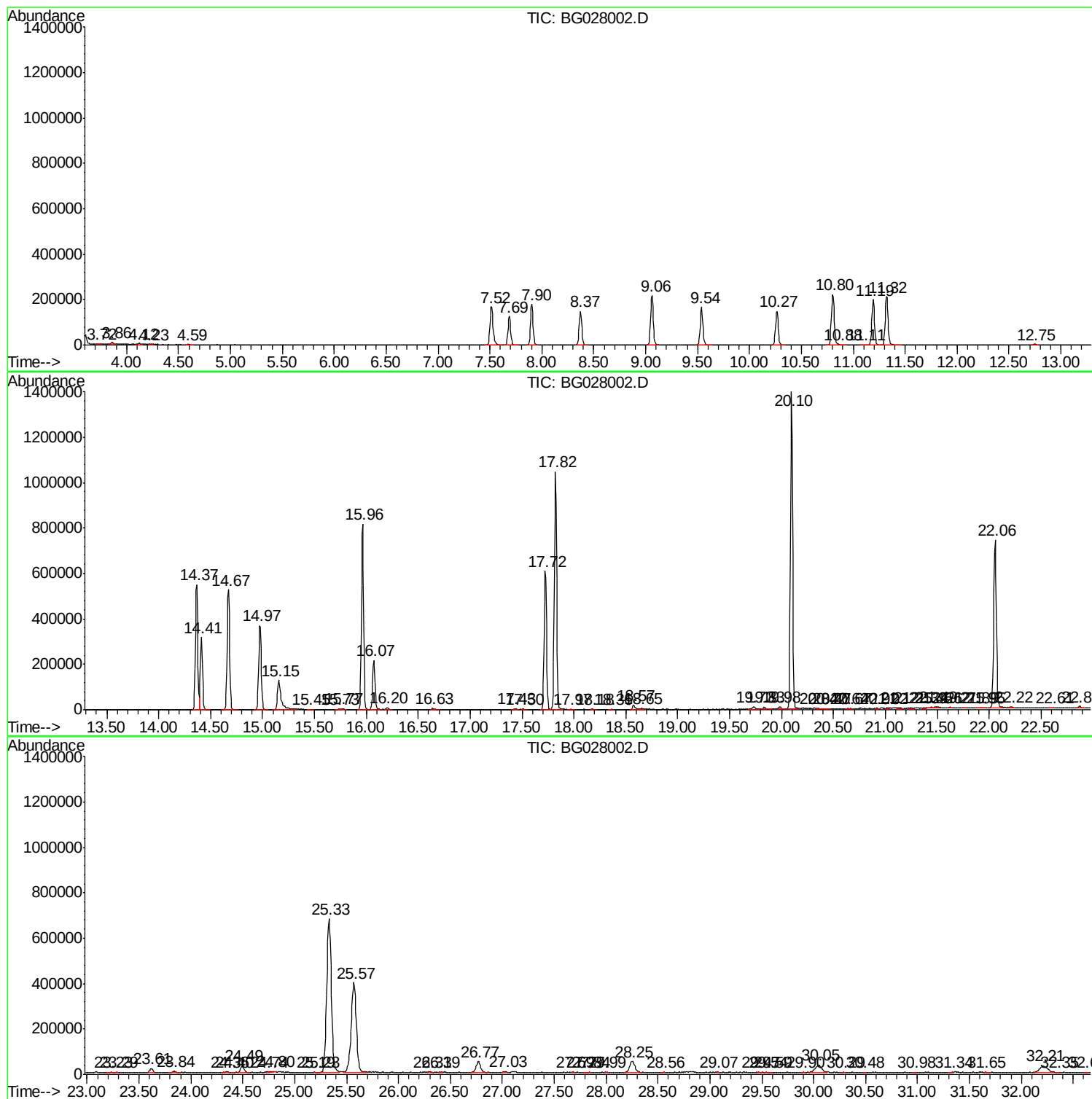
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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



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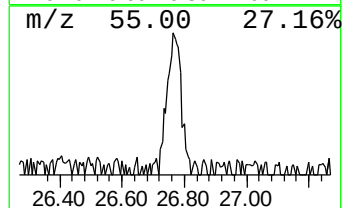
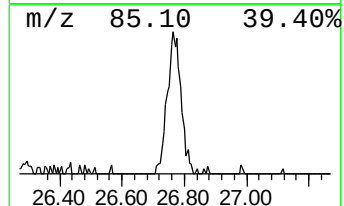
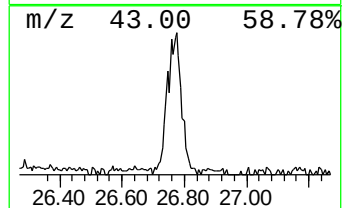
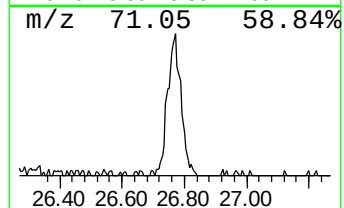
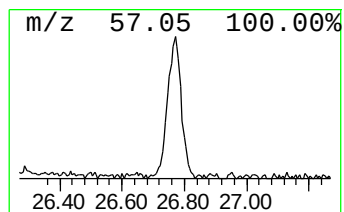
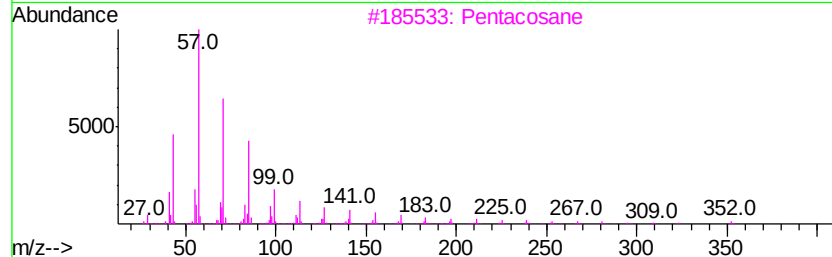
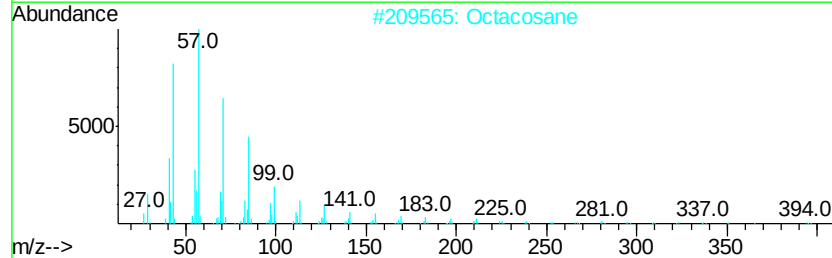
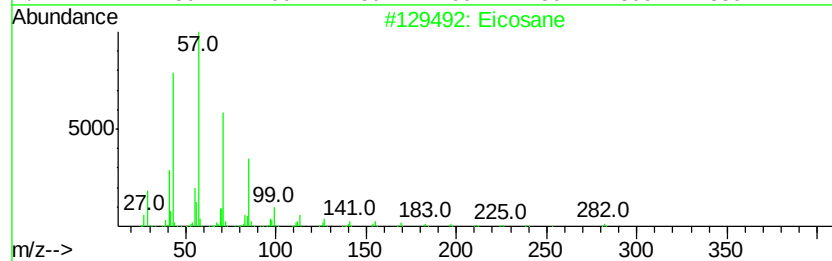
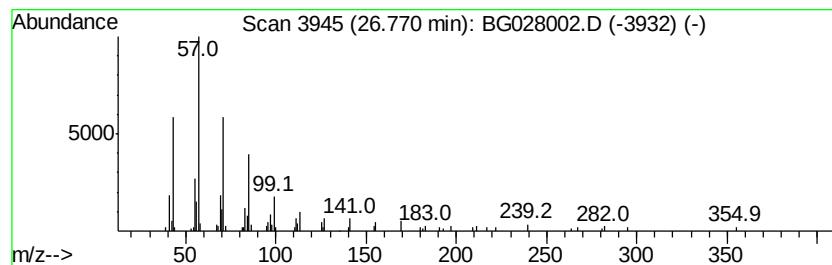
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.77	2.30 ng/ul	157350	Perylene-d12	25.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Octacosane	394	C28H58	000630-02-4	90
3		Pentacosane	352	C25H52	000629-99-2	90
4		Hentriacontane	437	C31H64	000630-04-6	90
5		Hexatriacontane	507	C36H74	000630-06-8	87



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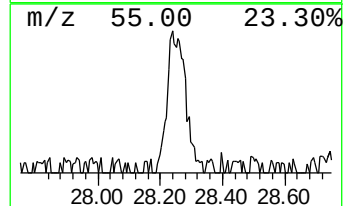
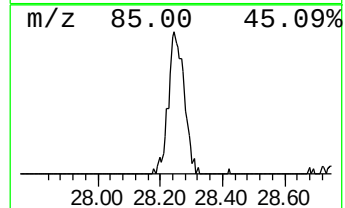
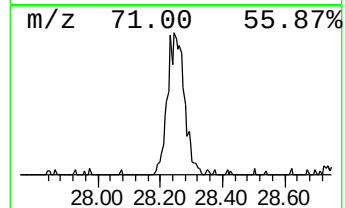
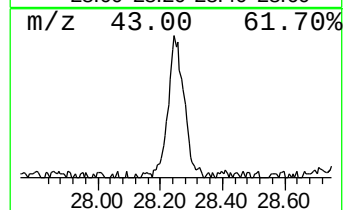
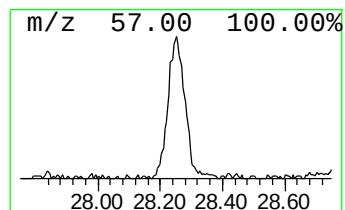
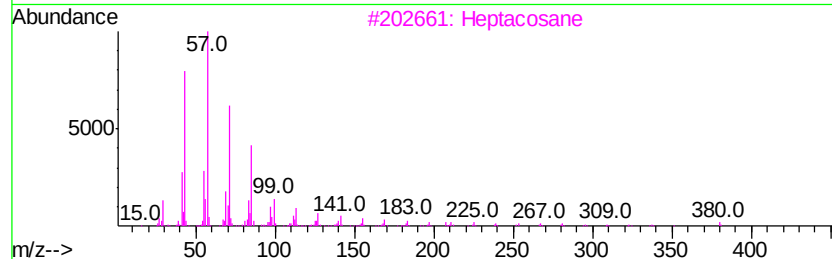
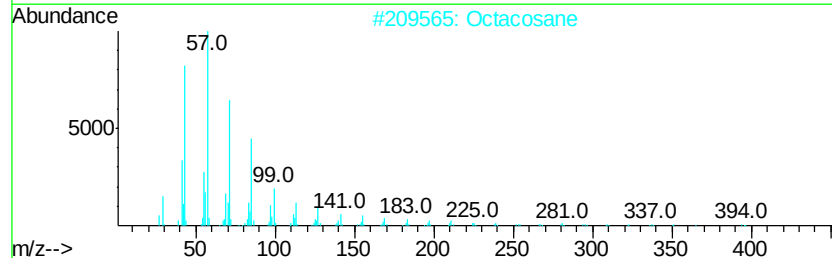
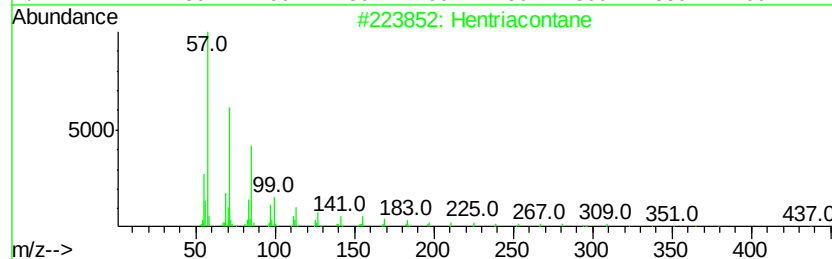
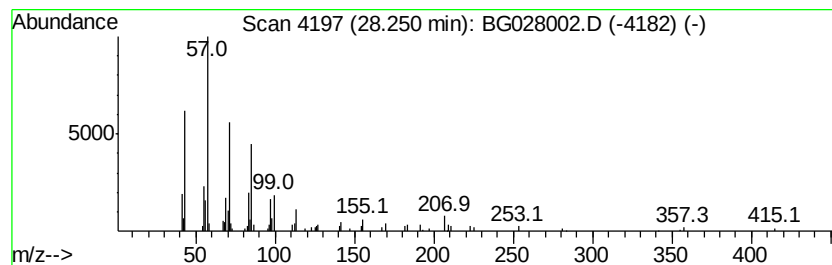
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.25	2.74 ng/ul	187609	Perylene-d12	25.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hentriacontane	437	C31H64	000630-04-6	87
2			Octacosane	394	C28H58	000630-02-4	87
3			Heptacosane	380	C27H56	000593-49-7	86
4			Hexacosane	366	C26H54	000630-01-3	83
5			Tetracosane	338	C24H50	000646-31-1	83



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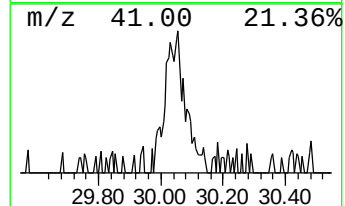
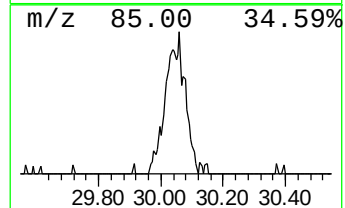
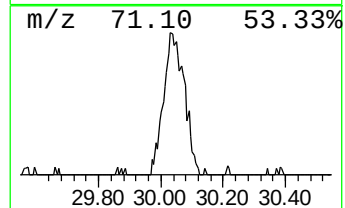
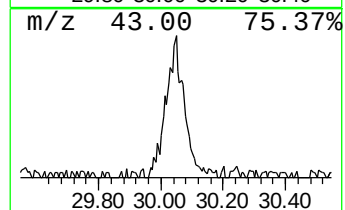
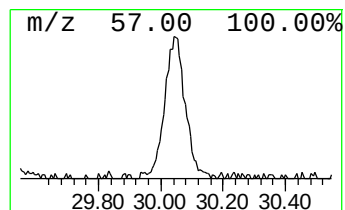
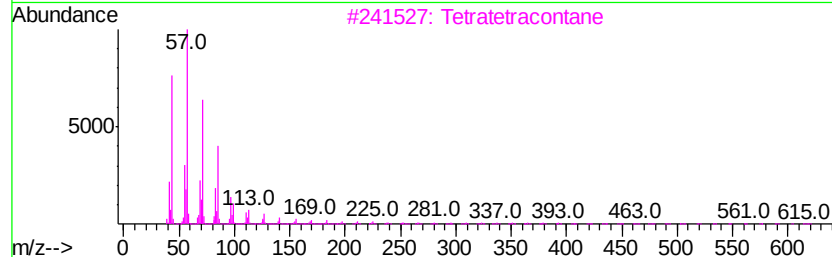
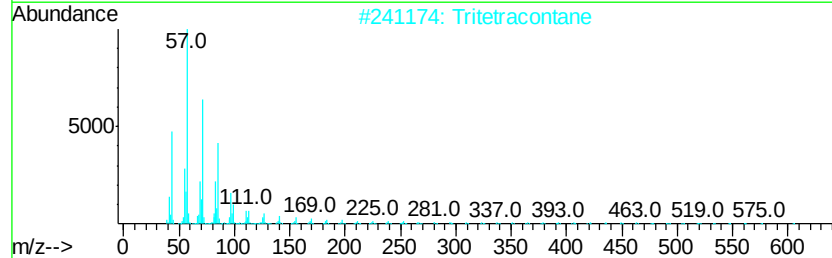
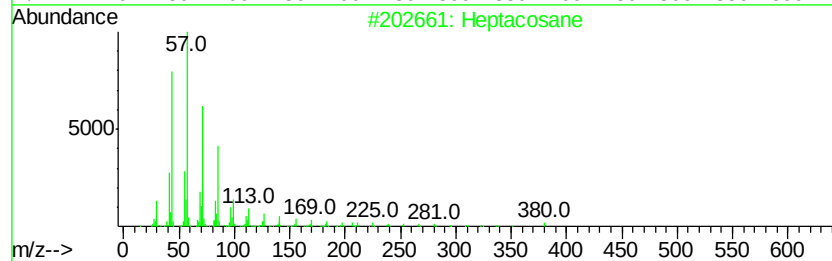
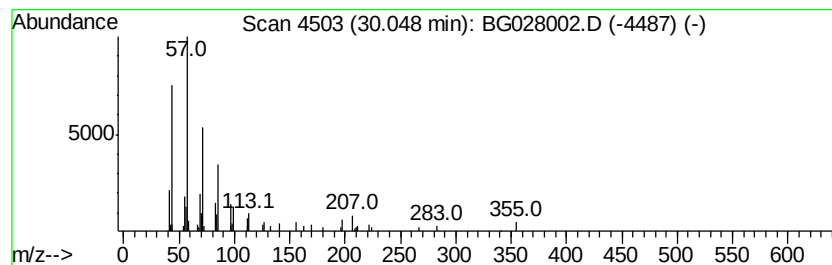
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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.05	2.02 ng/ul	138051	Perylene-d12	25.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	90
2		Tritetracontane	605	C43H88	007098-21-7	90
3		Tetratetracontane	619	C44H90	007098-22-8	90
4		Tetratetracontane	619	C44H90	007098-22-8	90
5		Sulfurous acid, butyl hexadecyl ...	362	C20H42O3S	1000309-18-3	87



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Sample : I4209-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B19

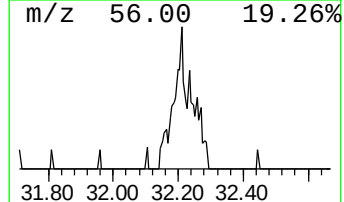
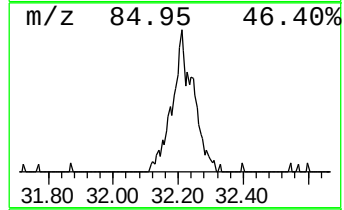
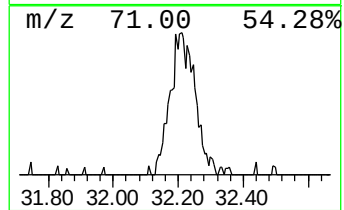
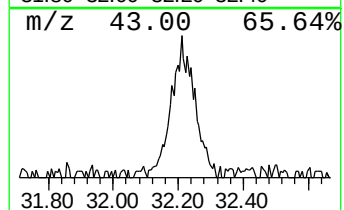
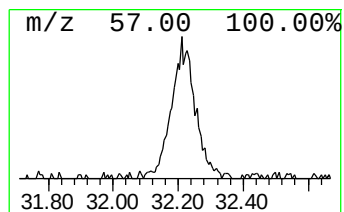
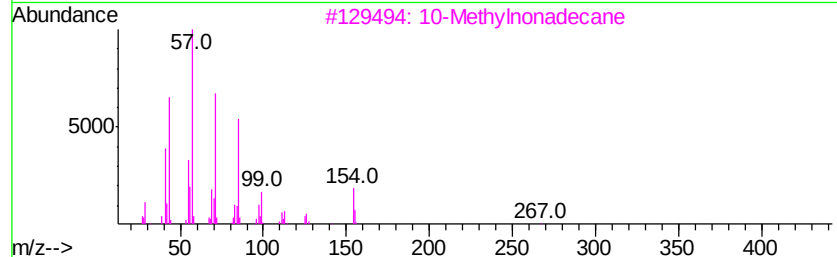
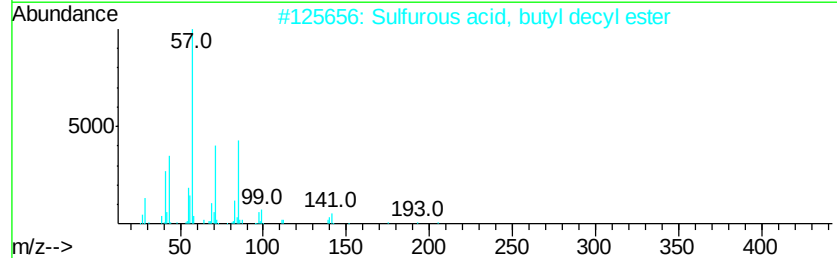
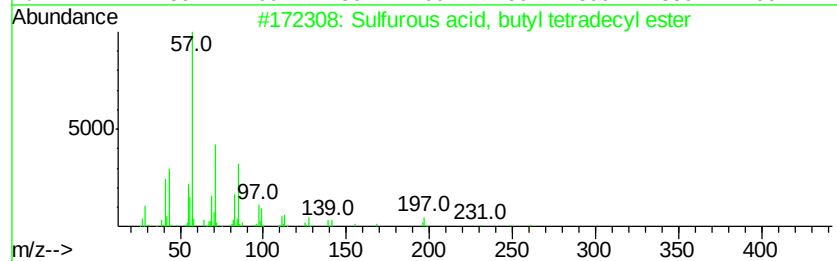
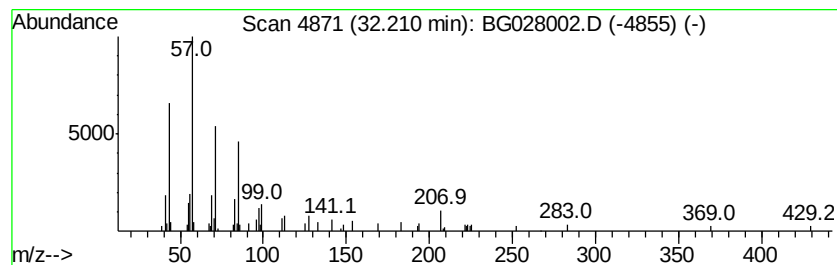
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Sulfurous acid, butyl tetra... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.21	2.19 ng/ul	149528	Perylene-d12	25.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	83
2		Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	80
3		10-Methylnonadecane	282	C20H42	056862-62-5	80
4		Docosane, 11-butyl-	366	C26H54	013475-76-8	72
5		Tetratetracontane	619	C44H90	007098-22-8	72



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072017\
Data File : BG028002.D
Acq On : 20 Jul 2017 17:25
Operator : SJ/JU
Sample : I4209-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B19

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.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
(DEL) Alkane: Str...	26.77	2.3	ng/ul	157350	6	25.57	1367720	20.0
(DEL) Alkane: Str...	28.25	2.7	ng/ul	187609	6	25.57	1367720	20.0
(DEL) Alkane: Str...	30.05	2.0	ng/ul	138051	6	25.57	1367720	20.0
Sulfurous acid, b...	32.21	2.2	ng/ul	149528	6	25.57	1367720	20.0