

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071917\
 Data File : BG027970.D
 Acq On : 19 Jul 2017 20:15
 Operator : SJ/JU
 Sample : I4213-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B31

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	3.865	42	47	54	rVB2	12204	19876	0.91%	0.100%
2	4.787	199	204	210	rVB3	6511	9719	0.44%	0.049%
3	5.193	269	273	278	rBV4	4317	7366	0.34%	0.037%
4	6.579	505	509	516	rVB4	2483	4446	0.20%	0.022%
5	7.513	658	668	688	rBV2	230694	428407	19.52%	2.147%
6	7.684	688	697	708	rVV	170973	296862	13.52%	1.487%
7	7.784	708	714	723	rVV4	1663	3242	0.15%	0.016%
8	7.901	723	734	745	rVV	237578	427125	19.46%	2.140%
9	8.277	791	798	805	rBV2	6169	13320	0.61%	0.067%
10	8.371	805	814	827	rVB	193765	345802	15.75%	1.733%
11	8.559	839	846	851	rBV3	3105	6497	0.30%	0.033%
12	8.624	851	857	860	rBV3	2077	4279	0.19%	0.021%
13	9.059	922	931	940	rBV	284376	513924	23.41%	2.575%
14	9.535	1004	1012	1024	rBV	210237	398448	18.15%	1.996%
15	10.263	1124	1136	1148	rVB	185633	354586	16.15%	1.777%
16	10.804	1216	1228	1245	rBV	280218	543889	24.78%	2.725%
17	10.956	1249	1254	1257	rBV2	2412	4139	0.19%	0.021%
18	11.191	1285	1294	1307	rVB	260586	482351	21.97%	2.417%
19	11.321	1307	1316	1328	rBV	240281	475312	21.65%	2.382%
20	12.748	1553	1559	1565	rVB2	3959	6584	0.30%	0.033%
21	13.324	1650	1657	1664	rBV3	6990	11491	0.52%	0.058%
22	13.571	1693	1699	1704	rBV2	10820	16079	0.73%	0.081%
23	13.624	1704	1708	1715	rVV3	5694	8663	0.39%	0.043%
24	13.847	1737	1746	1752	rVB3	2662	5145	0.23%	0.026%
25	14.364	1825	1834	1839	rBV	595279	866881	39.49%	4.344%
26	14.411	1839	1842	1850	rVB	74950	102779	4.68%	0.515%
27	14.670	1878	1886	1900	rBV	607046	967625	44.08%	4.848%
28	14.975	1929	1938	1951	rVB2	408901	678027	30.89%	3.397%
29	15.157	1962	1969	1994	rBV2	112516	288359	13.14%	1.445%
30	15.763	2063	2072	2082	rVB3	16637	28562	1.30%	0.143%
31	15.962	2098	2106	2117	rBV	854104	1311301	59.74%	6.570%
32	16.068	2117	2124	2141	rVV	192179	302118	13.76%	1.514%
33	16.203	2141	2147	2152	rVB2	9418	12207	0.56%	0.061%
34	16.638	2212	2221	2224	rBV3	2536	4247	0.19%	0.021%

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35	16.832	2248	2254	2259	rVB2	2404	4302	0.20%	0.022%
36	17.437	2349	2357	2363	rBV5	3285	7741	0.35%	0.039%
37	17.513	2363	2370	2376	rVB5	2653	6313	0.29%	0.032%
38	17.725	2398	2406	2415	rBV2	588229	936245	42.65%	4.691%
39	17.825	2416	2423	2431	rVV	975820	1561366	71.13%	7.823%
40	17.895	2431	2435	2440	rVB3	5720	10022	0.46%	0.050%
41	17.972	2445	2448	2455	rVB4	2816	4402	0.20%	0.022%
42	18.171	2477	2482	2486	rBV3	1699	3177	0.14%	0.016%
43	18.360	2507	2514	2523	rBV6	5028	12968	0.59%	0.065%
44	18.571	2546	2550	2560	rBV5	19926	38461	1.75%	0.193%
45	18.647	2560	2563	2568	rVV	7220	10359	0.47%	0.052%
46	18.953	2608	2615	2617	rBV6	4225	7666	0.35%	0.038%
47	19.223	2659	2661	2669	rBV6	1511	3419	0.16%	0.017%
48	19.317	2674	2677	2680	rBV4	2257	3579	0.16%	0.018%
49	19.476	2702	2704	2711	rVB5	2942	4292	0.20%	0.022%
50	19.599	2719	2725	2727	rBV5	1969	3510	0.16%	0.018%
51	19.728	2737	2747	2751	rBV	13695	21946	1.00%	0.110%
52	19.828	2760	2764	2769	rBV6	5606	10233	0.47%	0.051%
53	19.981	2784	2790	2797	rBV	10566	18073	0.82%	0.091%
54	20.093	2797	2809	2821	rBV	1428251	2143903	97.67%	10.742%
55	20.181	2821	2824	2827	rBV4	2503	3347	0.15%	0.017%
56	20.316	2843	2847	2849	rVB5	2792	3114	0.14%	0.016%
57	20.575	2888	2891	2897	rVB7	3208	5294	0.24%	0.027%
58	20.639	2897	2902	2904	rBV6	2479	4539	0.21%	0.023%
59	20.663	2904	2906	2910	rVB5	3456	4186	0.19%	0.021%
60	21.086	2975	2978	2983	rVV6	3130	4855	0.22%	0.024%
61	21.444	3028	3039	3040	rBV7	8808	23732	1.08%	0.119%
62	21.503	3041	3049	3065	rVV9	19778	90693	4.13%	0.454%
63	21.632	3065	3071	3076	rVV7	3885	8944	0.41%	0.045%
64	21.891	3111	3115	3121	rVB8	3122	5957	0.27%	0.030%
65	22.055	3135	3143	3158	rVV	796248	1367241	62.29%	6.851%
66	22.220	3163	3171	3173	rVB7	6997	13985	0.64%	0.070%
67	22.866	3274	3281	3291	rVB7	9264	22539	1.03%	0.113%
68	23.107	3319	3322	3329	rVB8	2118	4634	0.21%	0.023%
69	23.418	3374	3375	3378	rBV3	3253	3801	0.17%	0.019%
70	23.618	3402	3409	3417	rVB3	24215	45414	2.07%	0.228%
71	24.341	3524	3532	3533	rBV6	2594	4778	0.22%	0.024%

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72	24.493	3548	3558	3566	rBV3	37188	88852	4.05%	0.445%
73	24.640	3581	3583	3587	rBV5	2695	4941	0.23%	0.025%
74	24.781	3594	3607	3609	rBV8	11138	34808	1.59%	0.174%
75	25.016	3643	3647	3651	rVB7	3796	4503	0.21%	0.023%
76	25.152	3665	3670	3673	rVB7	2215	4010	0.18%	0.020%
77	25.181	3673	3675	3679	rVB5	3125	3106	0.14%	0.016%
78	25.334	3687	3701	3720	rBV2	710695	2195060	100.00%	10.999%
79	25.569	3726	3741	3759	rVB	417324	1415585	64.49%	7.093%
80	25.733	3767	3769	3773	rBV6	4084	5395	0.25%	0.027%
81	26.186	3842	3846	3848	rBV5	2690	3087	0.14%	0.015%
82	26.691	3929	3932	3934	rBV3	3780	5559	0.25%	0.028%
83	26.767	3934	3945	3962	rVB3	55843	183473	8.36%	0.919%
84	27.102	3992	4002	4004	rBV3	4715	12737	0.58%	0.064%
85	28.248	4184	4197	4215	rVB4	52364	198887	9.06%	0.997%
86	28.630	4257	4262	4265	rBV6	3302	6053	0.28%	0.030%
87	28.724	4271	4278	4279	rBV8	5031	8693	0.40%	0.044%
88	29.000	4320	4325	4328	rBV6	3239	5486	0.25%	0.027%
89	29.211	4358	4361	4364	rVB4	3054	4173	0.19%	0.021%
90	29.605	4427	4428	4432	rVB4	3515	3186	0.15%	0.016%
91	29.693	4438	4443	4445	rBV5	1998	3102	0.14%	0.016%
92	29.864	4468	4472	4475	rBV5	2242	3472	0.16%	0.017%
93	30.046	4487	4503	4523	rVB4	39971	183915	8.38%	0.922%
94	30.199	4523	4529	4535	rBV9	3312	8347	0.38%	0.042%
95	30.451	4571	4572	4581	rBV4	2705	5876	0.27%	0.029%
96	30.604	4595	4598	4601	rBV5	3756	4783	0.22%	0.024%
97	31.309	4713	4718	4720	rBV5	2385	4160	0.19%	0.021%
98	31.620	4768	4771	4775	rBV6	2784	4203	0.19%	0.021%
99	31.873	4811	4814	4818	rVB5	2470	3176	0.14%	0.016%
100	32.214	4855	4872	4893	rVB6	30018	170495	7.77%	0.854%

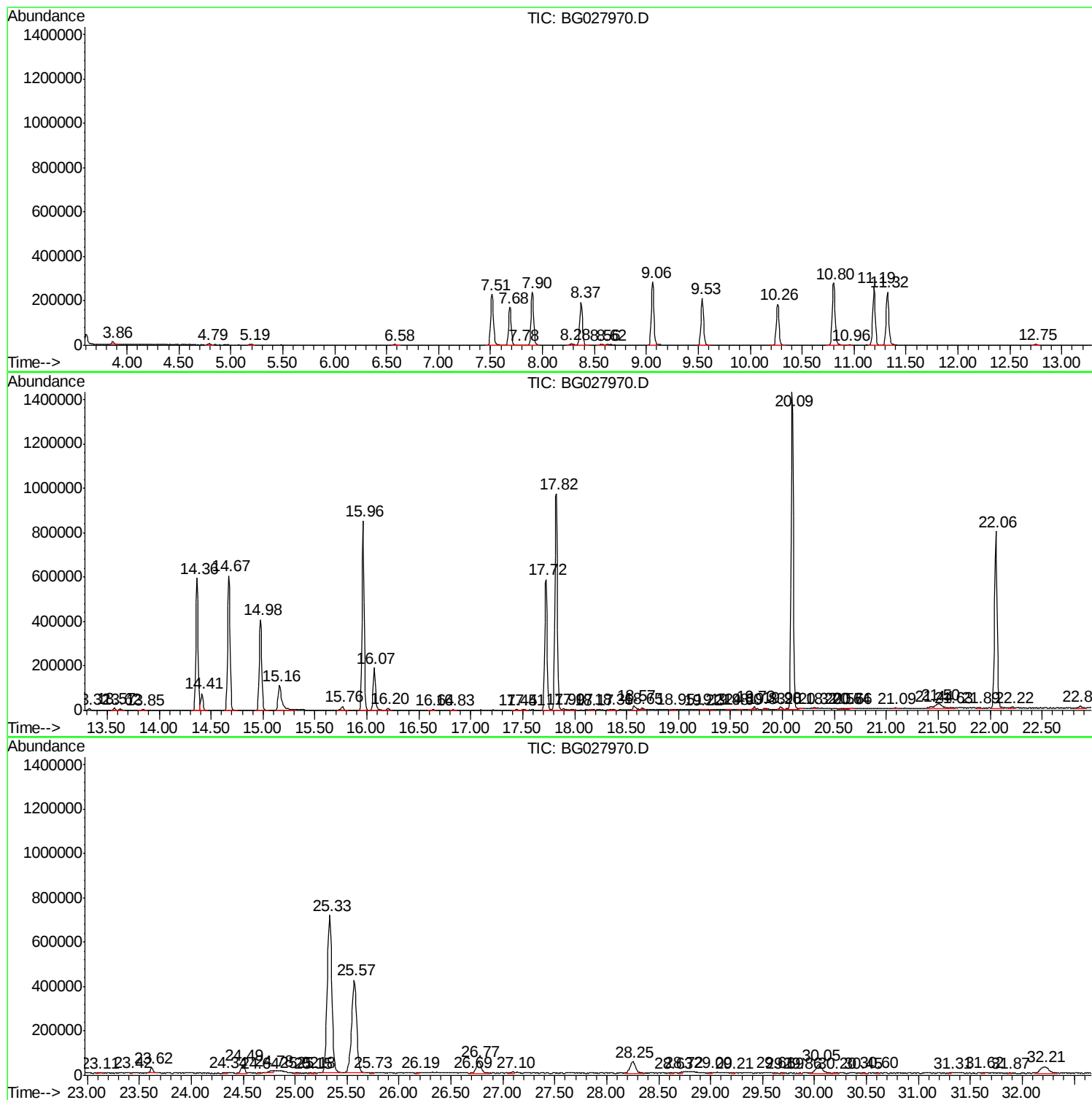
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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



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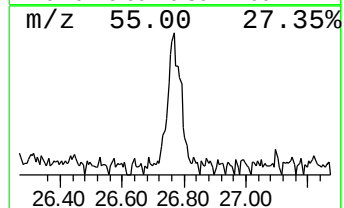
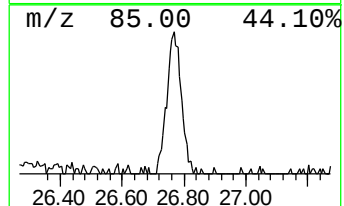
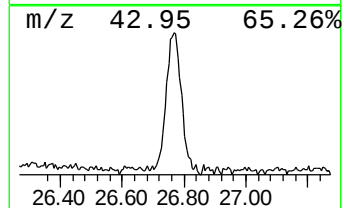
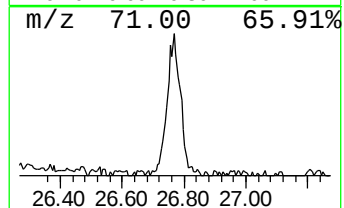
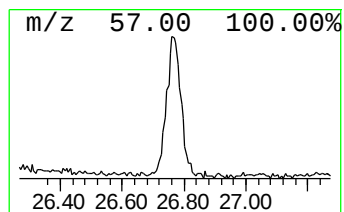
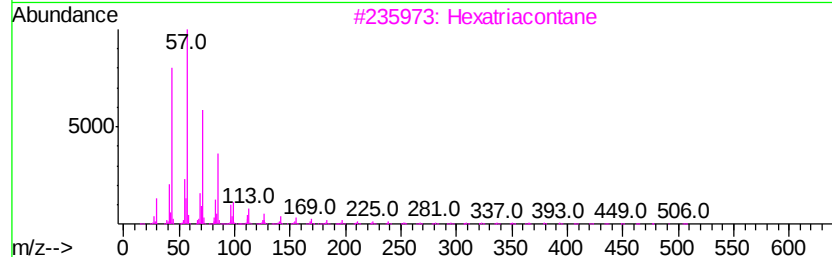
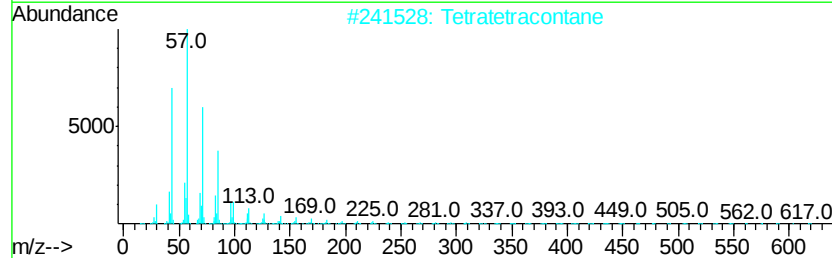
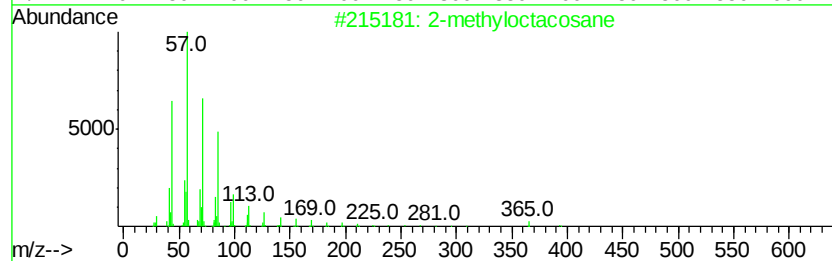
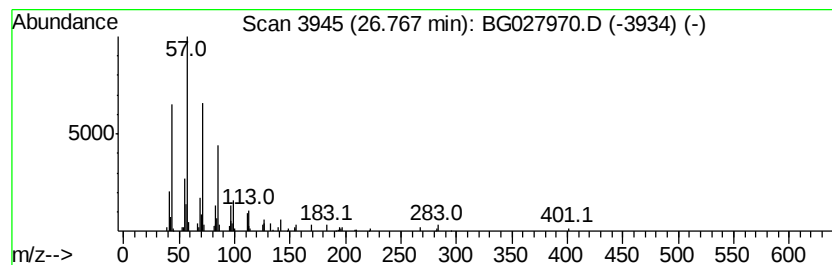
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.77	2.59 ng/ul	183473	Perylene-d12	25.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-methyloctacosane	408	C29H60	1000376-72-8	91
2			Tetratetracontane	619	C44H90	007098-22-8	91
3			Hexatriacontane	507	C36H74	000630-06-8	91
4			Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
5			Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91



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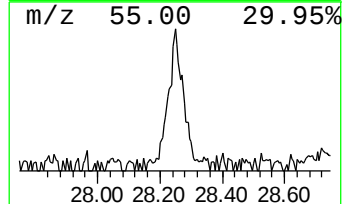
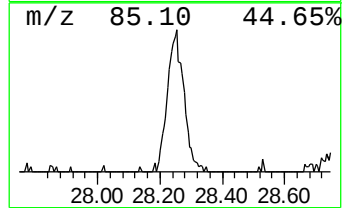
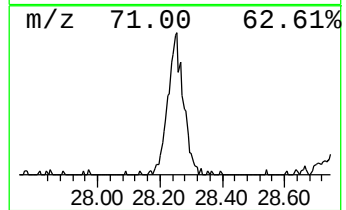
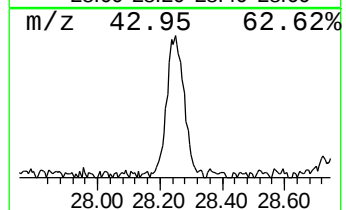
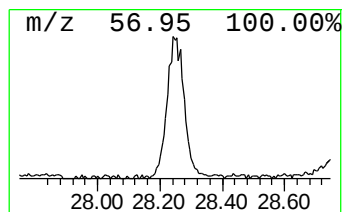
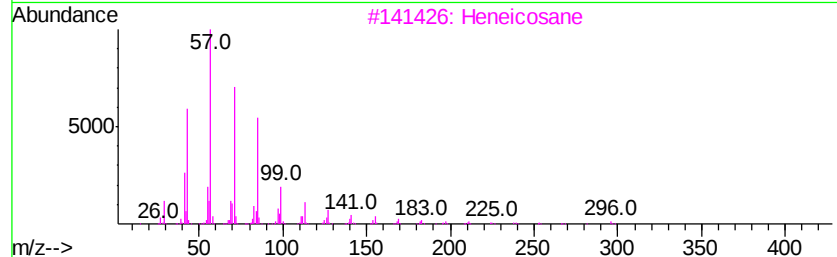
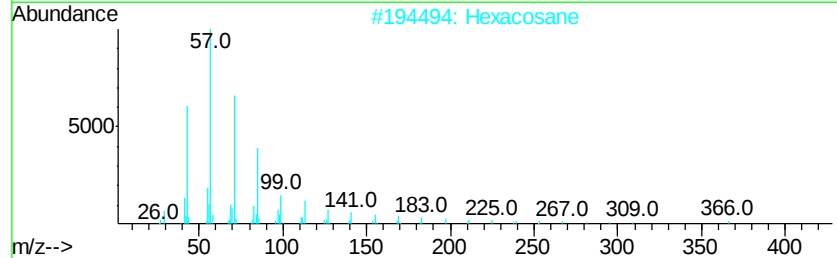
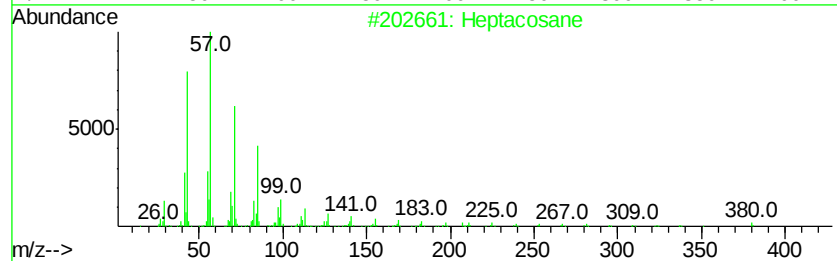
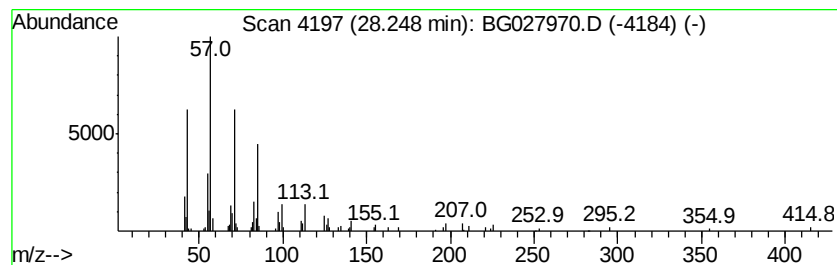
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG071717.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.25	2.81 ng/ul	198887	Perylene-d12	25.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Hexacosane	366	C26H54	000630-01-3	91
3		Heneicosane	296	C21H44	000629-94-7	90
4		Hexacosane	366	C26H54	000630-01-3	90
5		Tetratetracontane	619	C44H90	007098-22-8	90



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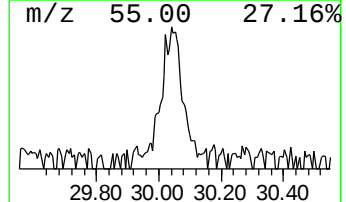
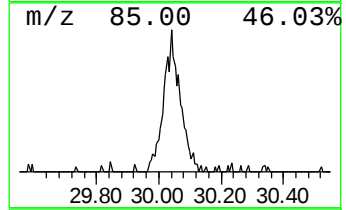
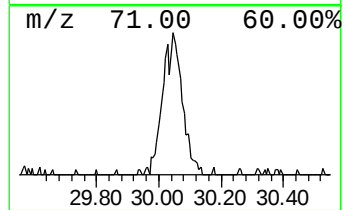
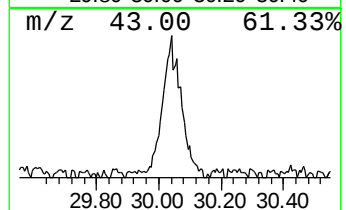
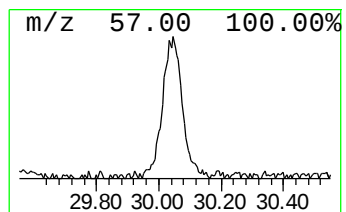
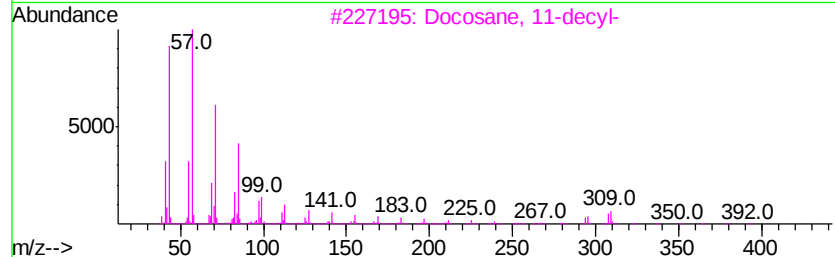
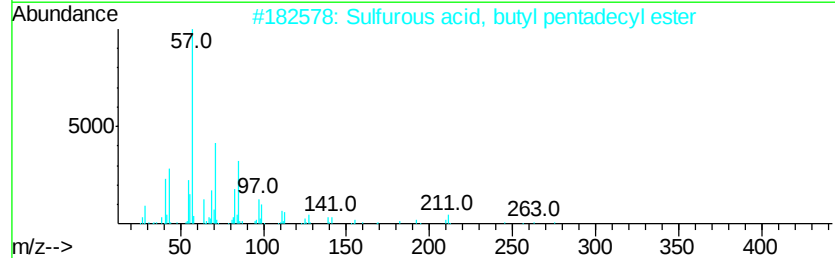
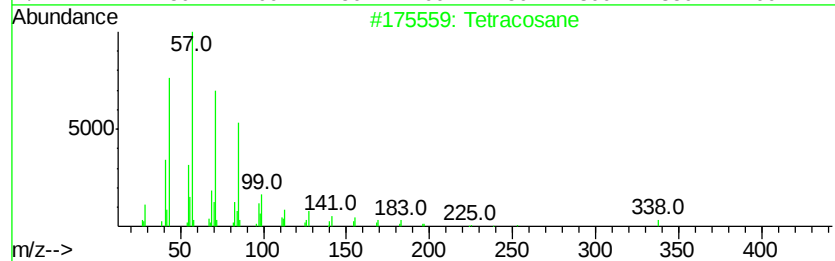
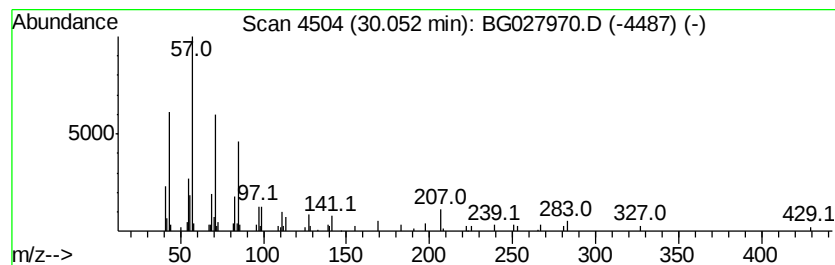
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.05	2.60 ng/ul	183915	Perylene-d12	25.57

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosane	338	C24H50	000646-31-1	87
2		Sulfurous acid, butyl pentadecyl...	348	C19H40O3S	1000309-18-2	87
3		Docosane, 11-decyl-	451	C32H66	055401-55-3	86
4		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	86
5		Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	86



Data Path : Z:\HPCHEM1\BNA G\DATA\BG071917\
Data File : BG027970.D
Acq On : 19 Jul 2017 20:15
Operator : SJ/JU
Sample : I4213-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B31

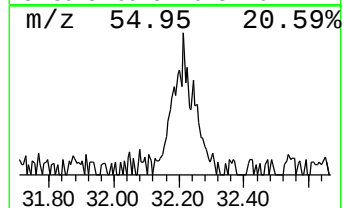
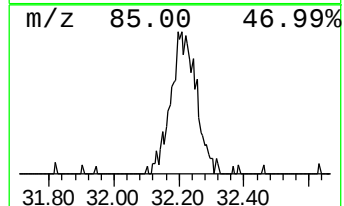
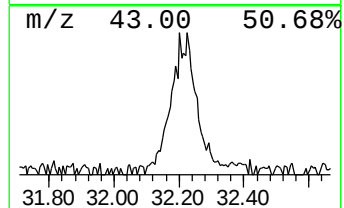
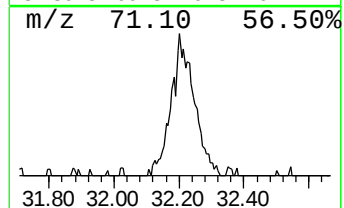
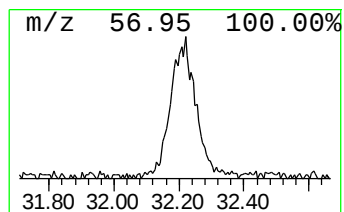
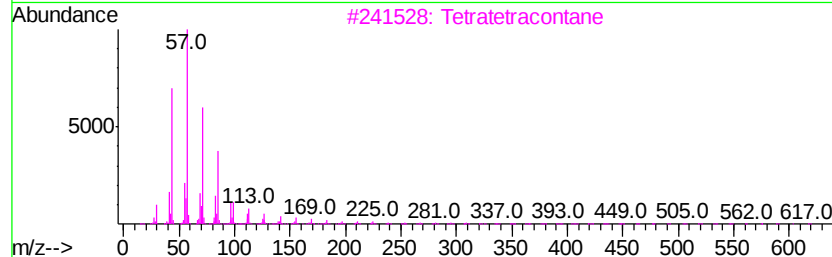
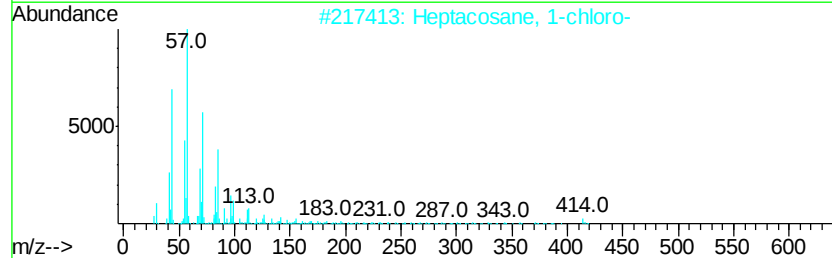
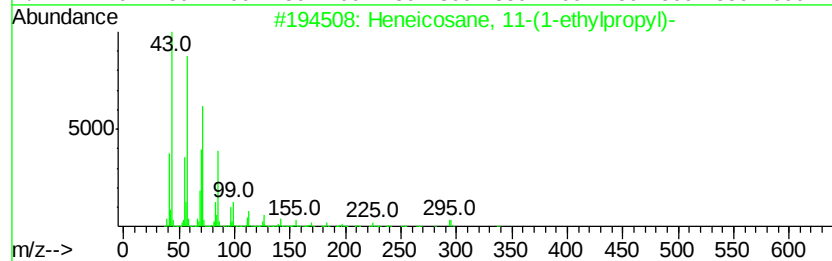
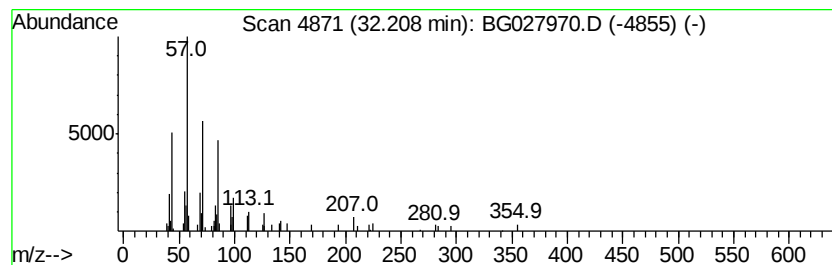
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.21	2.41 ng/ul	170495	Perylene-d12	25.57

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86	
2	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	80	
3	Tetratetracontane	619	C44H90	007098-22-8	80	
4	Hexadecane	226	C16H34	000544-76-3	80	
5	Heneicosane	296	C21H44	000629-94-7	80	



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071917\
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B31

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

					--Internal Standard--			
TIC Top Hit name					#	RT	Resp	Conc
(DEL)	Alkane: Str...	26.77	2.6 ng/ul	183473	6	25.57	1415590	20.0
(DEL)	Alkane: Str...	28.25	2.8 ng/ul	198887	6	25.57	1415590	20.0
(DEL)	Alkane: Str...	30.05	2.6 ng/ul	183915	6	25.57	1415590	20.0
(DEL)	Alkane: Str...	32.21	2.4 ng/ul	170495	6	25.57	1415590	20.0