

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071917\
 Data File : BG027977.D
 Acq On : 20 Jul 2017 00:53
 Operator : SJ/JU
 Sample : I4213-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B33

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	41	47	55	rVB2	11549	18715	0.85%	0.095%
2	4.787	201	204	209	rVB4	3720	5115	0.23%	0.026%
3	5.187	268	272	279	rVB3	2257	3721	0.17%	0.019%
4	7.513	661	668	680	rBV	203451	381022	17.29%	1.930%
5	7.684	689	697	711	rVV	161189	274380	12.45%	1.390%
6	7.901	725	734	743	rBV	229599	399699	18.14%	2.024%
7	7.966	743	745	753	rVB5	1902	3652	0.17%	0.018%
8	8.271	790	797	805	rVV2	8505	16916	0.77%	0.086%
9	8.371	805	814	826	rVB	193159	342343	15.54%	1.734%
10	8.559	838	846	851	rBV4	6130	11145	0.51%	0.056%
11	8.606	851	854	858	rVV3	2460	4084	0.19%	0.021%
12	9.058	921	931	951	rBV	269529	481882	21.87%	2.441%
13	9.534	1005	1012	1024	rBV	196752	377872	17.15%	1.914%
14	10.263	1127	1136	1148	rBV	179049	329443	14.95%	1.669%
15	10.803	1218	1228	1244	rBV	269054	512706	23.27%	2.597%
16	10.962	1248	1255	1265	rVB4	1943	4436	0.20%	0.022%
17	11.191	1286	1294	1302	rBV	253199	478478	21.71%	2.423%
18	11.321	1306	1316	1336	rBV	234008	458111	20.79%	2.320%
19	12.637	1532	1540	1545	rBV2	2321	4577	0.21%	0.023%
20	12.748	1553	1559	1566	rVB2	4382	7228	0.33%	0.037%
21	13.324	1651	1657	1664	rVB	8158	12639	0.57%	0.064%
22	13.565	1690	1698	1703	rBV4	11901	18404	0.84%	0.093%
23	13.630	1703	1709	1715	rBV4	5589	10747	0.49%	0.054%
24	14.364	1826	1834	1839	rBV	603022	878968	39.89%	4.452%
25	14.411	1839	1842	1849	rVV	70615	104159	4.73%	0.528%
26	14.670	1876	1886	1895	rBV	584953	962874	43.70%	4.877%
27	14.975	1931	1938	1948	rBV2	423387	696655	31.62%	3.528%
28	15.157	1958	1969	1987	rBV2	107142	272049	12.35%	1.378%
29	15.269	1987	1988	1996	rVB3	3411	4415	0.20%	0.022%
30	15.762	2063	2072	2080	rVB3	8356	17080	0.78%	0.087%
31	15.962	2096	2106	2116	rBV	871787	1341099	60.86%	6.793%
32	16.068	2116	2124	2141	rVV	196165	316315	14.35%	1.602%
33	16.203	2141	2147	2152	rVB2	8897	13150	0.60%	0.067%
34	16.644	2216	2222	2227	rVB3	2378	5089	0.23%	0.026%

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35	16.826	2247	2253	2259	rBV2	2454	3965	0.18%	0.020%
36	17.431	2352	2356	2363	rBV4	3523	6743	0.31%	0.034%
37	17.507	2363	2369	2374	rVB4	3711	6085	0.28%	0.031%
38	17.596	2377	2384	2387	rVB4	2462	3736	0.17%	0.019%
39	17.725	2398	2406	2415	rBV	625020	983819	44.65%	4.983%
40	17.825	2416	2423	2432	rVV	1009458	1603189	72.76%	8.120%
41	17.889	2432	2434	2438	rVV3	3517	4737	0.21%	0.024%
42	17.966	2443	2447	2453	rBV5	2811	5396	0.24%	0.027%
43	18.077	2460	2466	2469	rBV3	2158	4474	0.20%	0.023%
44	18.348	2506	2512	2520	rBV4	3772	7445	0.34%	0.038%
45	18.571	2542	2550	2560	rBV5	24017	49923	2.27%	0.253%
46	18.653	2560	2564	2571	rVB	7525	11726	0.53%	0.059%
47	18.859	2594	2599	2605	rBV7	2657	6117	0.28%	0.031%
48	18.947	2609	2614	2617	rBV5	3295	5221	0.24%	0.026%
49	19.476	2700	2704	2708	rVB4	3216	4080	0.19%	0.021%
50	19.728	2740	2747	2757	rBV2	12871	24239	1.10%	0.123%
51	19.840	2757	2766	2771	rBV8	6218	13758	0.62%	0.070%
52	19.975	2785	2789	2797	rBV2	10482	17770	0.81%	0.090%
53	20.093	2797	2809	2822	rBV	1409447	2170593	98.50%	10.994%
54	20.310	2841	2846	2849	rBV7	4341	5799	0.26%	0.029%
55	20.574	2887	2891	2898	rBV7	3263	7722	0.35%	0.039%
56	20.903	2944	2947	2951	rBV7	3166	3677	0.17%	0.019%
57	21.021	2964	2967	2974	rBV8	2566	4747	0.22%	0.024%
58	21.438	3027	3038	3040	rBV7	7449	20058	0.91%	0.102%
59	21.509	3042	3050	3055	rVB7	7911	20818	0.94%	0.105%
60	21.626	3064	3070	3074	rBV9	3709	7340	0.33%	0.037%
61	22.055	3131	3143	3161	rBV	766158	1391582	63.15%	7.048%
62	22.208	3167	3169	3173	rVB4	5441	6388	0.29%	0.032%
63	22.284	3177	3182	3186	rBV6	2729	6034	0.27%	0.031%
64	22.325	3186	3189	3195	rVB7	2718	4254	0.19%	0.022%
65	22.872	3275	3282	3287	rVB5	9385	15533	0.70%	0.079%
66	22.919	3287	3290	3296	rVB7	2674	4142	0.19%	0.021%
67	23.353	3358	3364	3366	rBV5	3888	8036	0.36%	0.041%
68	23.512	3386	3391	3394	rVB6	3331	4740	0.22%	0.024%
69	23.541	3394	3396	3400	rBV5	3171	4365	0.20%	0.022%
70	23.618	3402	3409	3415	rBV4	20740	46553	2.11%	0.236%
71	23.900	3455	3457	3462	rVB5	3038	4570	0.21%	0.023%

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72	23.959	3463	3467	3469	rVB5	2984	4045	0.18%	0.020%
73	24.341	3529	3532	3540	rVB9	3610	7101	0.32%	0.036%
74	24.499	3549	3559	3568	rVB2	32544	77458	3.52%	0.392%
75	24.769	3592	3605	3607	rBV2	9466	29165	1.32%	0.148%
76	25.057	3653	3654	3660	rVB6	2480	3885	0.18%	0.020%
77	25.334	3685	3701	3718	rVV2	710200	2203544	100.00%	11.161%
78	25.574	3726	3742	3760	rVB3	405436	1417930	64.35%	7.182%
79	26.309	3861	3867	3870	rBV6	1878	3486	0.16%	0.018%
80	26.761	3932	3944	3958	rBV4	49535	157922	7.17%	0.800%
81	27.020	3986	3988	3995	rVB6	3176	5368	0.24%	0.027%
82	27.084	3995	3999	4001	rBV5	2879	4472	0.20%	0.023%
83	27.126	4001	4006	4011	rVB9	4640	8865	0.40%	0.045%
84	27.390	4048	4051	4054	rBV5	3833	5209	0.24%	0.026%
85	27.742	4109	4111	4116	rBV6	2259	4013	0.18%	0.020%
86	28.101	4167	4172	4175	rBV6	3226	4503	0.20%	0.023%
87	28.248	4185	4197	4211	rVV5	46020	180537	8.19%	0.914%
88	28.753	4277	4283	4286	rVV7	2485	5487	0.25%	0.028%
89	28.800	4286	4291	4293	rVV6	3195	4155	0.19%	0.021%
90	29.147	4346	4350	4352	rBV4	3153	3462	0.16%	0.018%
91	29.317	4375	4379	4384	rBV6	3069	5580	0.25%	0.028%
92	29.358	4384	4386	4392	rVB7	2698	3521	0.16%	0.018%
93	29.540	4413	4417	4421	rBV7	3549	6356	0.29%	0.032%
94	30.040	4488	4502	4521	rVB6	34290	158600	7.20%	0.803%
95	30.198	4526	4529	4531	rBV4	3114	3385	0.15%	0.017%
96	30.927	4649	4653	4655	rBV5	2656	3401	0.15%	0.017%
97	31.180	4692	4696	4702	rVB7	2689	5217	0.24%	0.026%
98	31.520	4751	4754	4758	rBV4	2423	3393	0.15%	0.017%
99	31.744	4789	4792	4798	rBV5	2423	5181	0.24%	0.026%
100	32.220	4852	4873	4889	rBV9	29141	149936	6.80%	0.759%

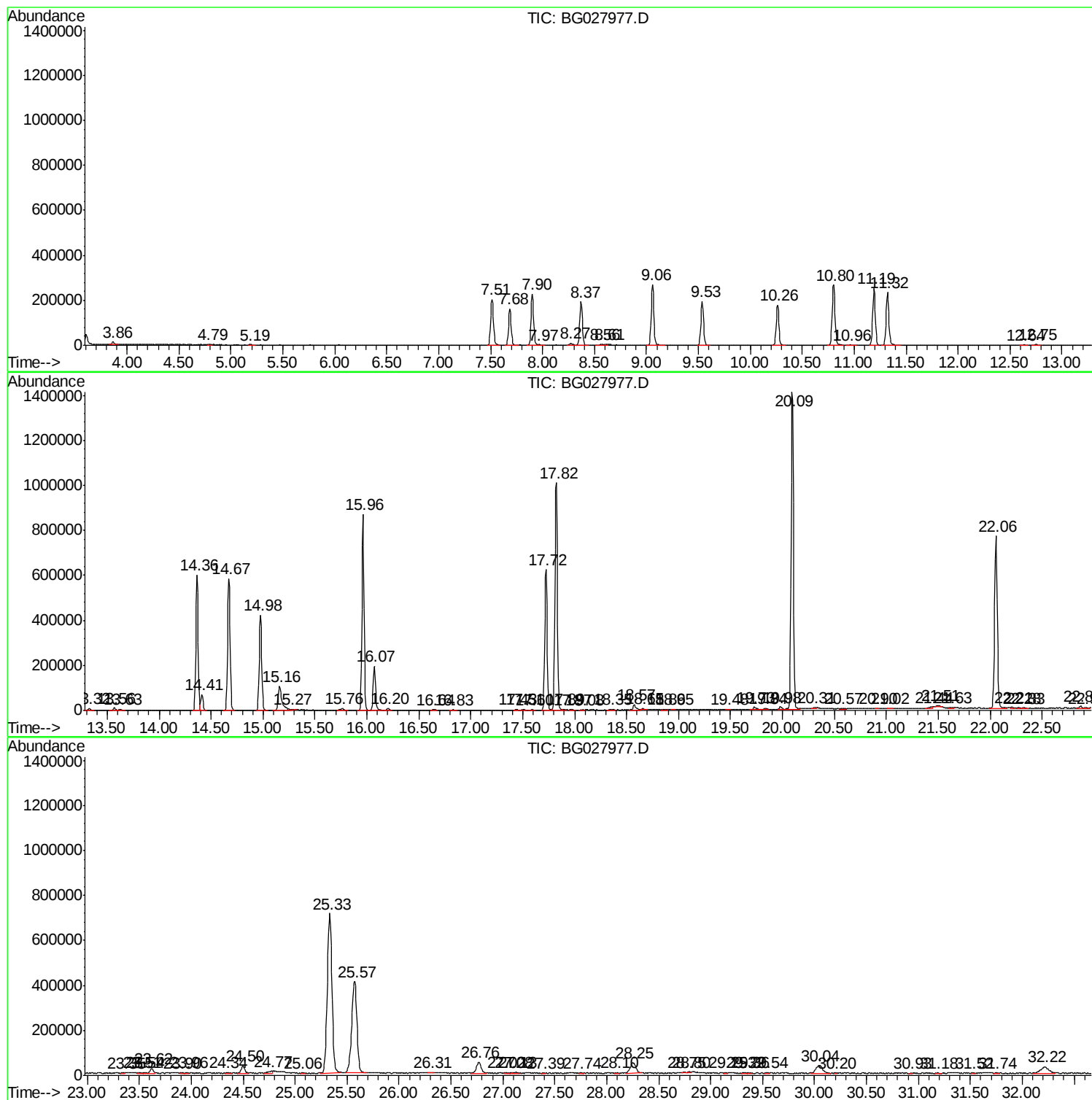
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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



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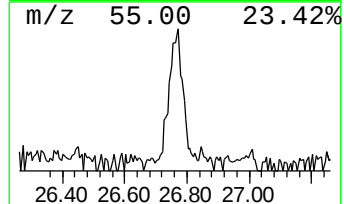
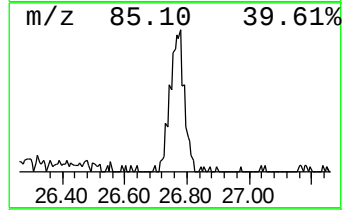
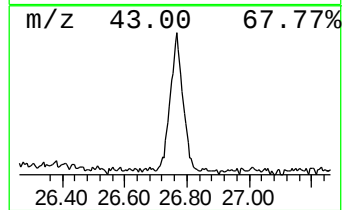
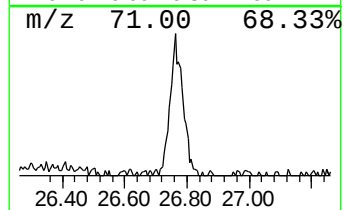
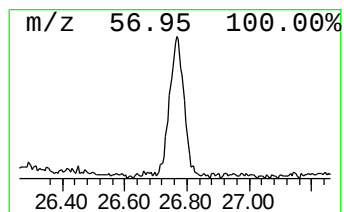
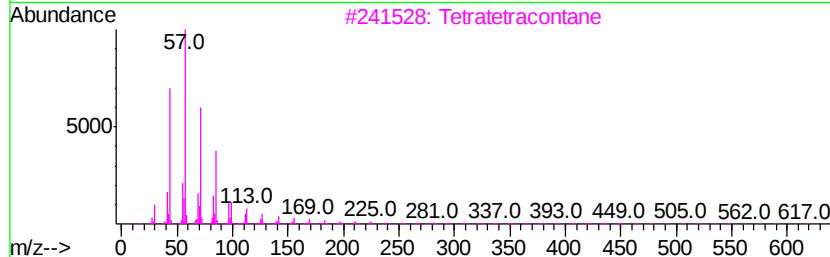
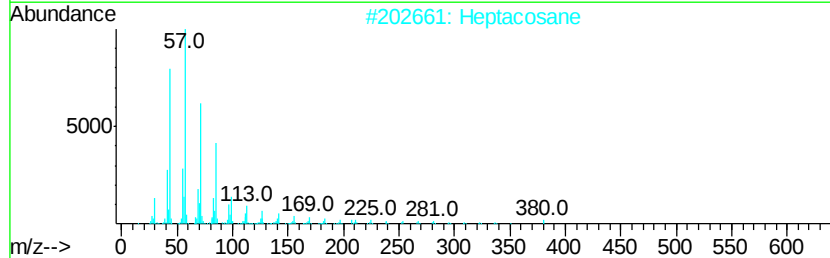
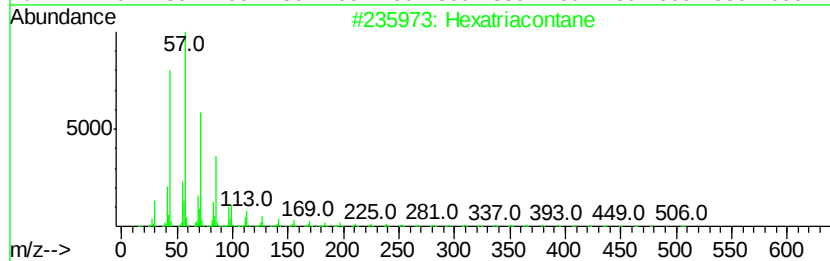
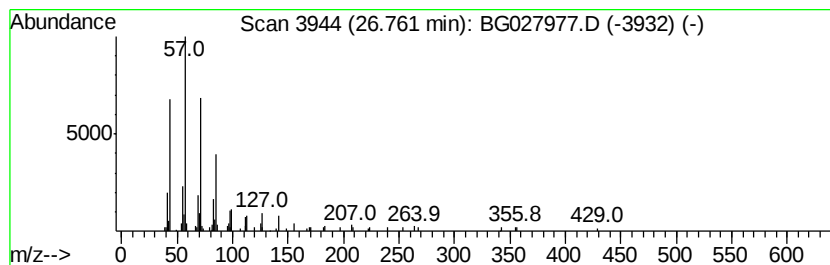
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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.
26.76	2.23 ng/ul	157922	Perylene-d12	25.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexatriacontane	507	C36H74	000630-06-8	87
2		Heptacosane	380	C27H56	000593-49-7	87
3		Tetratetracontane	619	C44H90	007098-22-8	87
4		Hexacosane	366	C26H54	000630-01-3	87
5		Tetratetracontane	619	C44H90	007098-22-8	86



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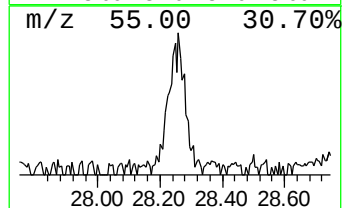
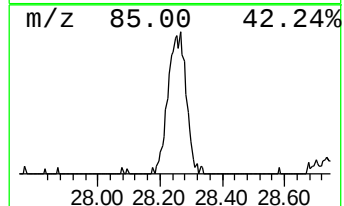
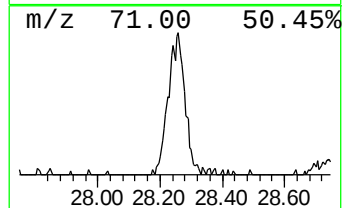
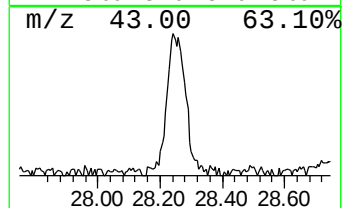
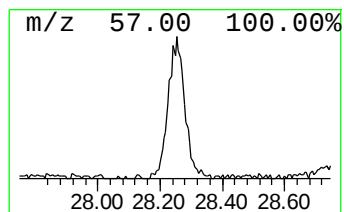
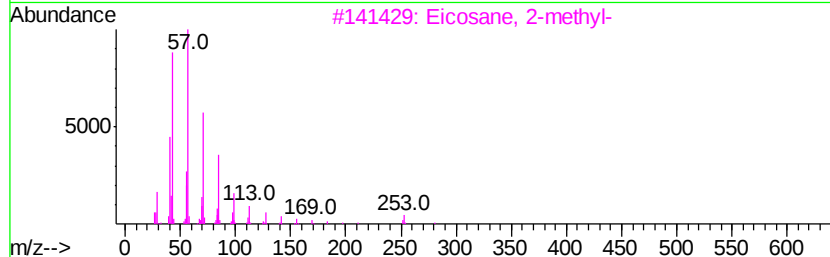
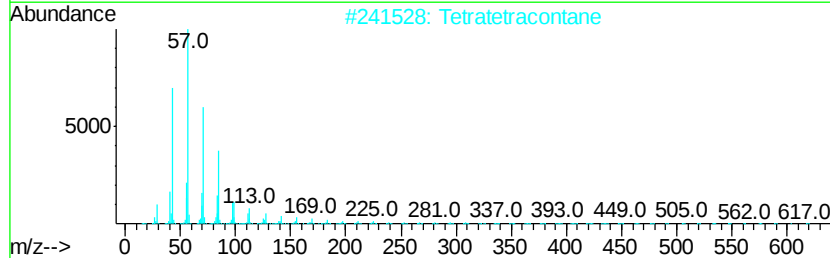
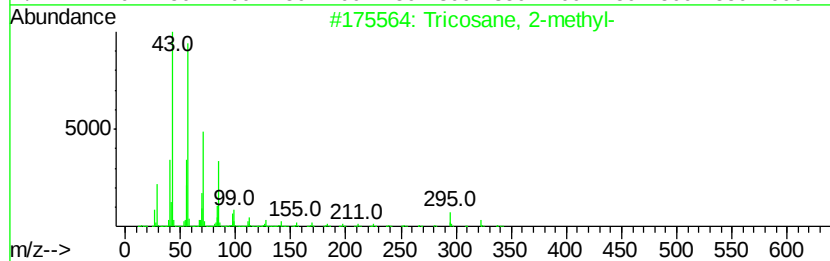
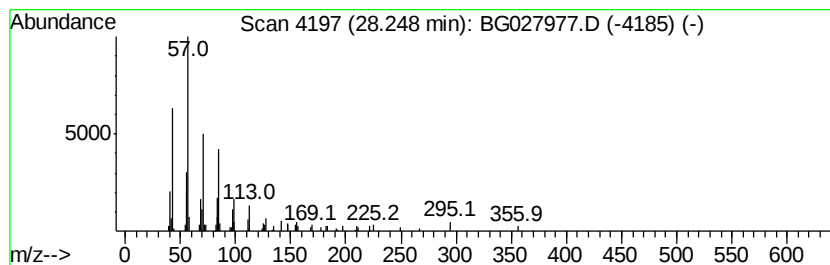
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG071717.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.25	2.55 ng/ul	180537	Perylene-d12	25.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tricosane, 2-methyl-	338	C24H50	001928-30-9	91
2			Tetratetracontane	619	C44H90	007098-22-8	87
3			Eicosane, 2-methyl-	296	C21H44	001560-84-5	87
4			Heptadecane, 2-methyl-	254	C18H38	001560-89-0	87
5			Tetratetracontane	619	C44H90	007098-22-8	87



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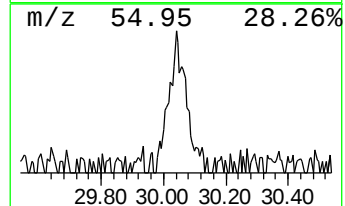
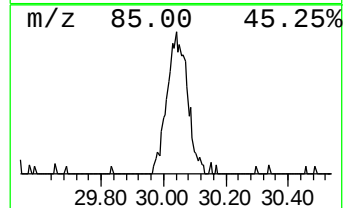
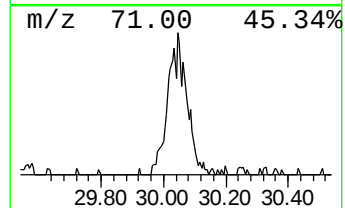
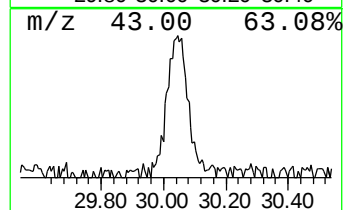
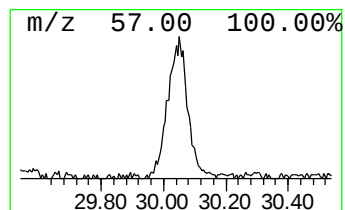
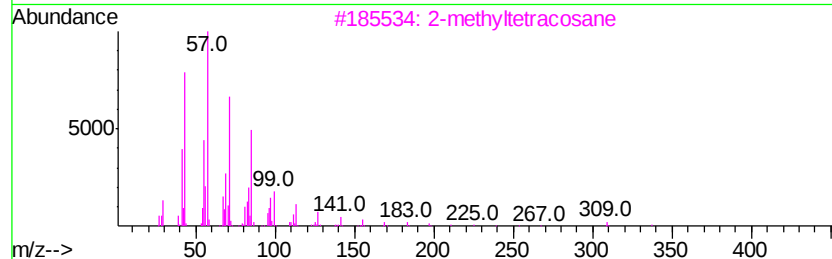
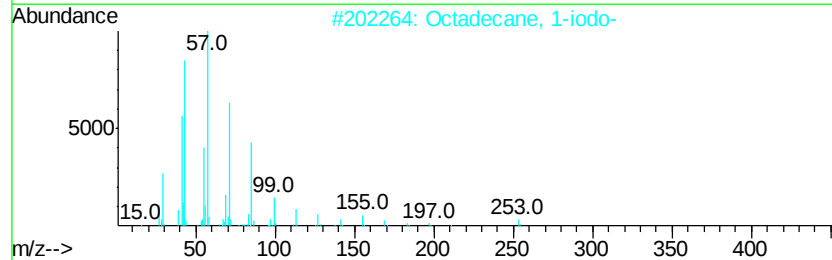
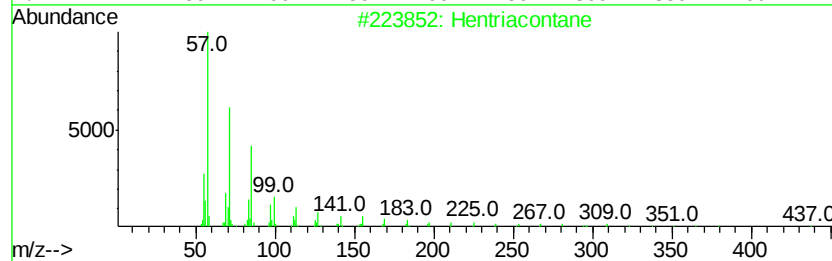
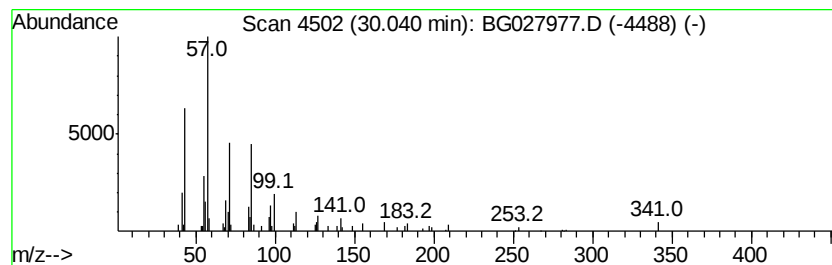
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.04	2.24 ng/ul	158600	Perylene-d12	25.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	87
2		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	72
3		2-methyltetracosane	352	C25H52	1000376-72-6	64
4		Tetracosane	338	C24H50	000646-31-1	64
5		Docosane	310	C22H46	000629-97-0	64



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Data File : BG027977.D
Acq On : 20 Jul 2017 00:53
Operator : SJ/JU
Sample : I4213-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B33

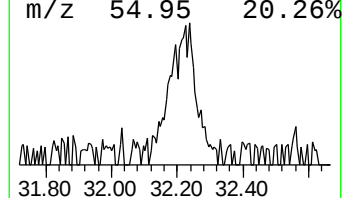
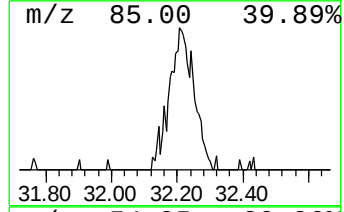
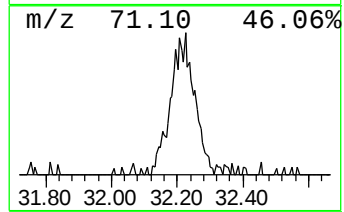
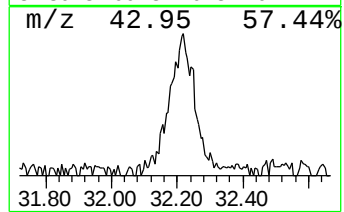
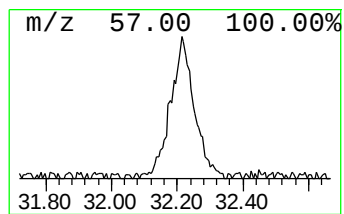
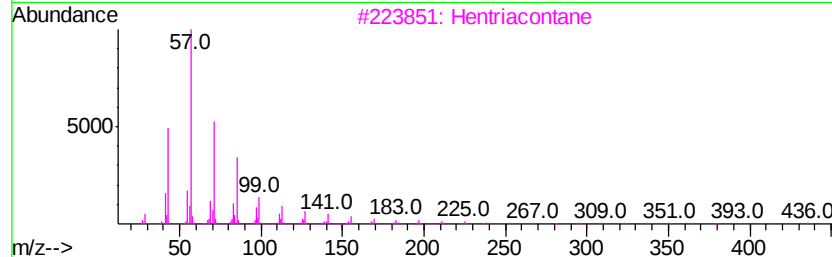
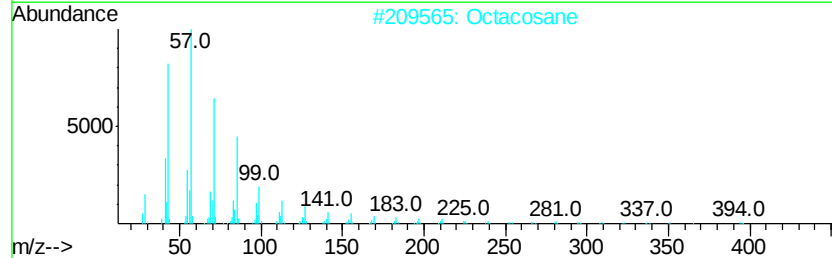
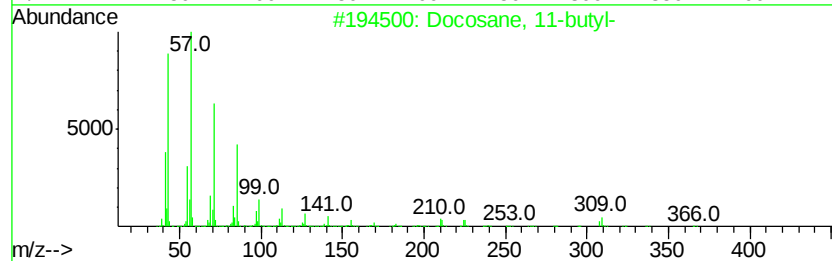
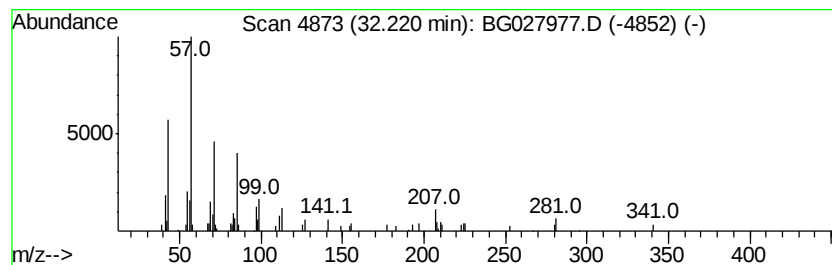
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Quant Title : SVOA CALIBRATION

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.
32.22	2.11 ng/ul	149936	Perylene-d12	25.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Docosane, 11-butyl-	366	C26H54	013475-76-8	72
2			Octacosane	394	C28H58	000630-02-4	68
3			Hentriacontane	437	C31H64	000630-04-6	68
4			Heptacosane	380	C27H56	000593-49-7	68
5			Pentacosane	352	C25H52	000629-99-2	68



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BNA_G
ClientSampleId :
C0B33

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...	26.76	2.2	ng/ul	157922	6	25.57	1417930	20.0	
(DEL) Alkane: Str...	28.25	2.5	ng/ul	180537	6	25.57	1417930	20.0	
(DEL) Alkane: Str...	30.04	2.2	ng/ul	158600	6	25.57	1417930	20.0	
(DEL) Alkane: Str...	32.22	2.1	ng/ul	149936	6	25.57	1417930	20.0	