

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071917\
 Data File : BG027974.D
 Acq On : 19 Jul 2017 22:54
 Operator : SJ/JU
 Sample : I4213-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B34

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	3.866	41	47	53	rBV3	10358	17605	1.01%	0.099%
2	4.360	129	131	138	rVB5	1599	2666	0.15%	0.015%
3	4.589	167	170	176	rBV4	1517	2790	0.16%	0.016%
4	4.912	214	225	228	rBV4	1834	4637	0.27%	0.026%
5	5.494	319	324	330	rVB5	3032	4366	0.25%	0.024%
6	6.580	505	509	514	rBV3	1821	2491	0.14%	0.014%
7	7.515	660	668	683	rBV	171537	320662	18.37%	1.798%
8	7.685	687	697	708	rBV	138407	235839	13.51%	1.322%
9	7.902	726	734	750	rBV	185768	341256	19.55%	1.913%
10	8.132	764	773	779	rBV3	2084	4650	0.27%	0.026%
11	8.273	788	797	805	rBV3	7108	16838	0.96%	0.094%
12	8.373	807	814	823	rVB	201776	358282	20.53%	2.009%
13	8.566	840	847	851	rBV3	4071	10047	0.58%	0.056%
14	8.608	851	854	861	rVV2	2670	5843	0.33%	0.033%
15	9.060	923	931	950	rBV	223477	411373	23.57%	2.306%
16	9.536	1004	1012	1027	rBV	171113	328041	18.80%	1.839%
17	10.264	1127	1136	1148	rVB	150651	285150	16.34%	1.599%
18	10.805	1217	1228	1243	rBV	236174	445092	25.50%	2.495%
19	10.958	1250	1254	1259	rBV2	1668	3636	0.21%	0.020%
20	11.193	1286	1294	1304	rVB	281259	525783	30.13%	2.948%
21	11.322	1307	1316	1336	rBV	198680	396127	22.70%	2.221%
22	12.632	1533	1539	1545	rBV2	3328	5799	0.33%	0.033%
23	12.744	1551	1558	1567	rVB3	3057	5967	0.34%	0.033%
24	13.326	1652	1657	1665	rVB3	8572	13992	0.80%	0.078%
25	13.572	1694	1699	1703	rBV	12074	18471	1.06%	0.104%
26	13.625	1703	1708	1715	rVB3	5816	10580	0.61%	0.059%
27	13.848	1739	1746	1752	rVB4	3448	6045	0.35%	0.034%
28	13.913	1752	1757	1762	rBV4	2118	2908	0.17%	0.016%
29	14.365	1825	1834	1839	rBV	545543	791884	45.37%	4.439%
30	14.413	1839	1842	1851	rVB	87864	118957	6.82%	0.667%
31	14.671	1878	1886	1896	rBV	529007	850112	48.71%	4.766%
32	14.977	1927	1938	1953	rVB2	478307	792209	45.39%	4.441%
33	15.165	1962	1970	1996	rBV	49079	136942	7.85%	0.768%
34	15.764	2062	2072	2080	rVB4	9211	20182	1.16%	0.113%

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35	15.964	2094	2106	2117	rBV	751211	1183323	67.80%	6.634%
36	16.069	2117	2124	2136	rVV2	99349	159929	9.16%	0.897%
37	16.205	2136	2147	2155	rVB5	7380	14653	0.84%	0.082%
38	16.639	2215	2221	2230	rBV2	7481	14892	0.85%	0.083%
39	16.833	2247	2254	2260	rBV4	2605	4491	0.26%	0.025%
40	17.086	2295	2297	2303	rVB3	1396	2851	0.16%	0.016%
41	17.432	2348	2356	2363	rBV2	6280	11575	0.66%	0.065%
42	17.515	2368	2370	2376	rVB4	3158	3770	0.22%	0.021%
43	17.591	2378	2383	2389	rBV4	4081	4769	0.27%	0.027%
44	17.720	2395	2405	2415	rBV2	670447	1060627	60.77%	5.946%
45	17.820	2415	2422	2432	rVV	828571	1341100	76.84%	7.518%
46	17.973	2443	2448	2453	rBV5	5062	6340	0.36%	0.036%
47	18.085	2462	2467	2468	rBV2	1904	2386	0.14%	0.013%
48	18.173	2477	2482	2487	rVB4	4325	6323	0.36%	0.035%
49	18.355	2505	2513	2520	rVB5	5156	8848	0.51%	0.050%
50	18.572	2544	2550	2560	rBV3	41012	79215	4.54%	0.444%
51	18.655	2560	2564	2568	rVB	9997	14888	0.85%	0.083%
52	18.854	2596	2598	2604	rVB5	3969	4177	0.24%	0.023%
53	18.942	2609	2613	2616	rBV3	3355	3199	0.18%	0.018%
54	18.984	2616	2620	2623	rVB5	3281	4279	0.25%	0.024%
55	19.324	2674	2678	2680	rBV3	2013	2514	0.14%	0.014%
56	19.477	2700	2704	2708	rVB5	4307	5622	0.32%	0.032%
57	19.730	2738	2747	2756	rBV3	12575	25241	1.45%	0.142%
58	19.830	2759	2764	2771	rBV3	35218	63836	3.66%	0.358%
59	19.982	2785	2790	2796	rVB3	10824	21447	1.23%	0.120%
60	20.047	2796	2801	2803	rBV4	7759	9848	0.56%	0.055%
61	20.094	2803	2809	2819	rVB	1188796	1720991	98.61%	9.648%
62	20.329	2844	2849	2852	rVB7	3077	5223	0.30%	0.029%
63	20.576	2887	2891	2896	rVB5	8341	10167	0.58%	0.057%
64	20.870	2935	2941	2943	rBV4	2110	3796	0.22%	0.021%
65	21.011	2963	2965	2969	rBV4	4063	3817	0.22%	0.021%
66	21.087	2976	2978	2986	rVB7	5031	7301	0.42%	0.041%
67	21.316	3015	3017	3020	rBV3	2903	2842	0.16%	0.016%
68	21.492	3043	3047	3048	rBV4	3645	4394	0.25%	0.025%
69	21.628	3067	3070	3074	rBV5	3930	7830	0.45%	0.044%
70	22.056	3134	3143	3155	rBV	811751	1419979	81.36%	7.961%
71	22.867	3278	3281	3286	rVB6	8335	13941	0.80%	0.078%

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72	23.619	3403	3409	3417	rVB3	26433	49626	2.84%	0.278%
73	24.501	3550	3559	3571	rVB3	37818	83547	4.79%	0.468%
74	25.135	3664	3667	3669	rBV4	2859	3256	0.19%	0.018%
75	25.335	3688	3701	3720	rBV2	550952	1745300	100.00%	9.784%
76	25.576	3726	3742	3766	rVB2	419951	1493057	85.55%	8.370%
77	26.357	3873	3875	3878	rBV4	3202	4114	0.24%	0.023%
78	26.645	3923	3924	3927	rBV3	3445	3678	0.21%	0.021%
79	26.769	3935	3945	3958	rBV4	56255	178967	10.25%	1.003%
80	28.255	4186	4198	4211	rBV5	56682	197035	11.29%	1.105%
81	30.053	4490	4504	4518	rBV7	38390	160434	9.19%	0.899%
82	30.599	4595	4597	4601	rVB4	2743	2929	0.17%	0.016%
83	32.215	4857	4872	4889	rBV6	30823	158151	9.06%	0.887%

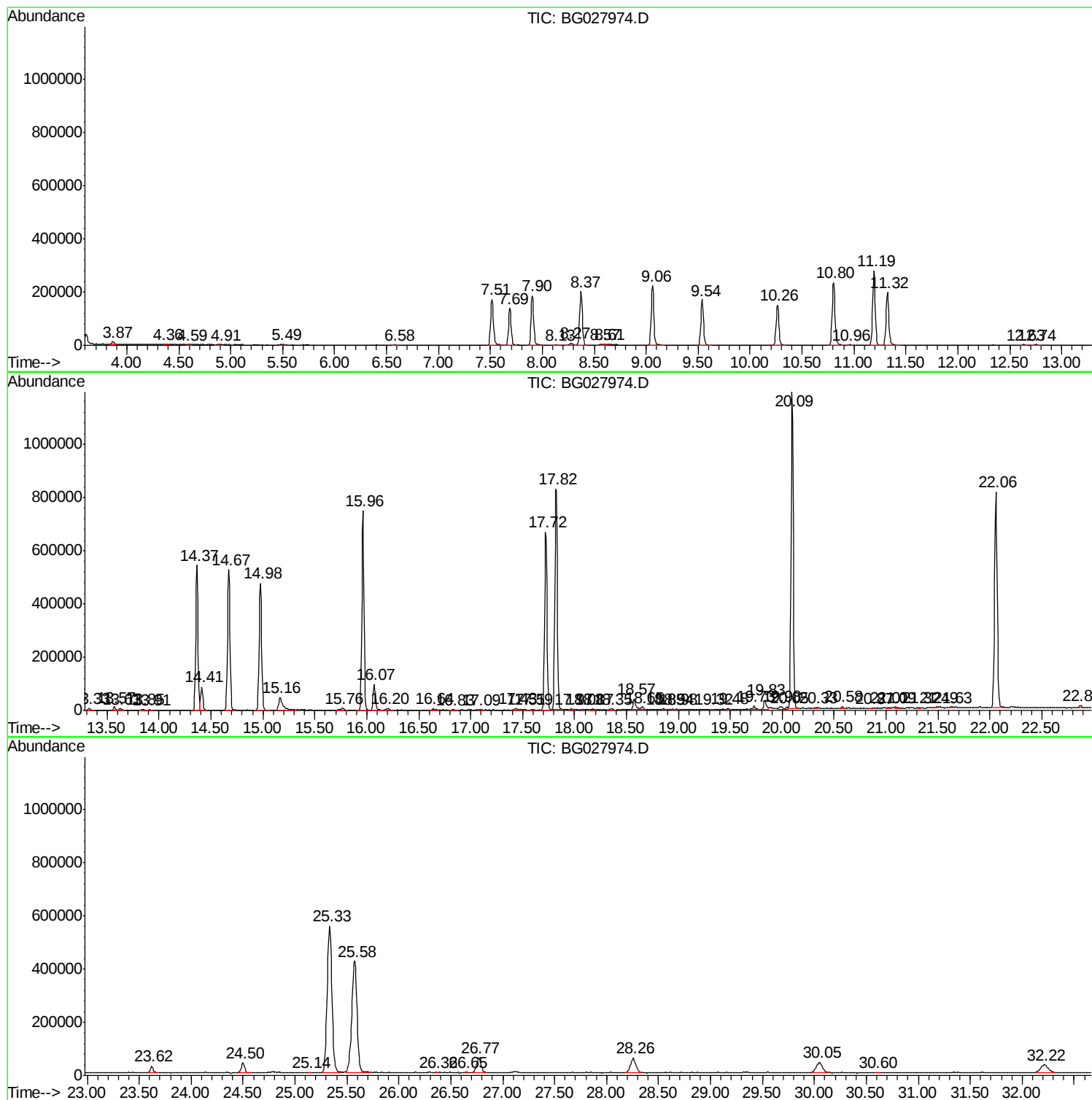
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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



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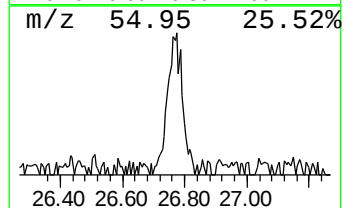
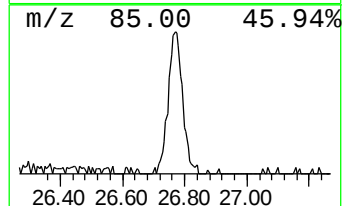
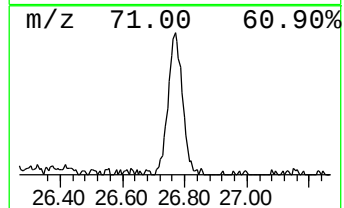
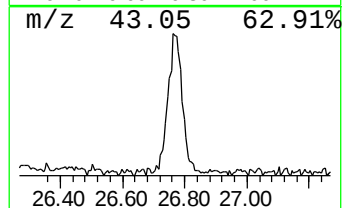
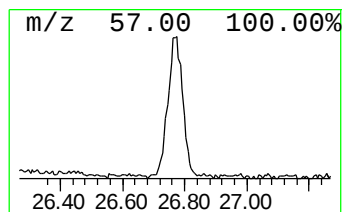
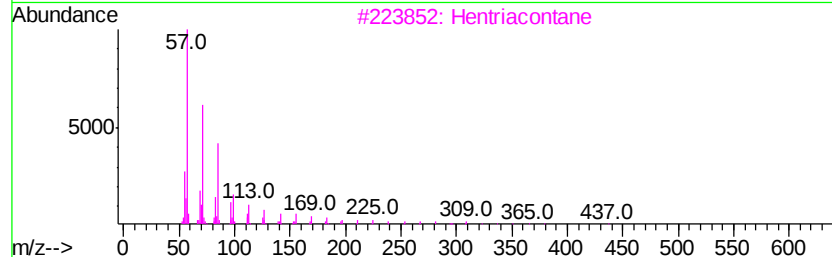
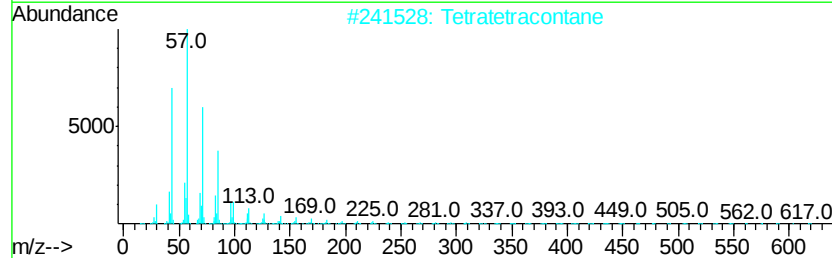
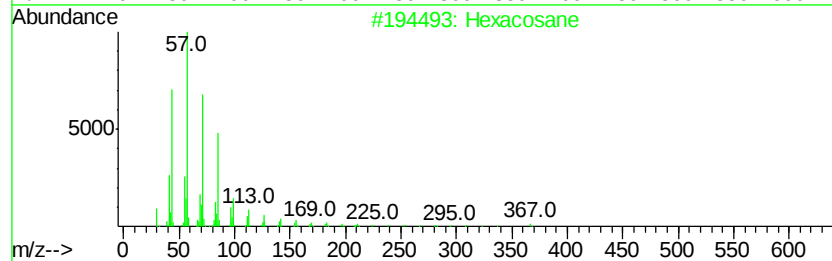
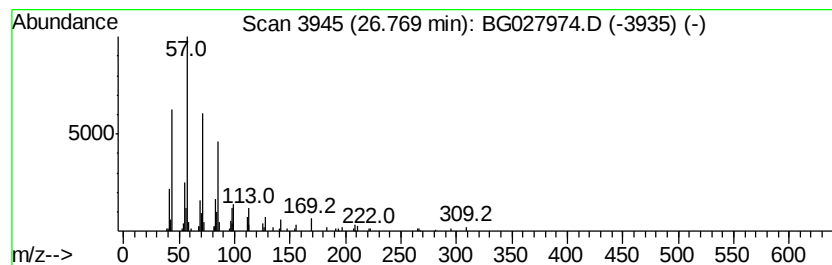
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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	2.40 ng/ul	178967	Perylene-d12	25.58

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	90
2			Tetratetracontane	619	C44H90	007098-22-8	90
3			Hentriacontane	437	C31H64	000630-04-6	90
4			Octacosane	394	C28H58	000630-02-4	90
5			2-methyloctacosane	408	C29H60	1000376-72-8	87



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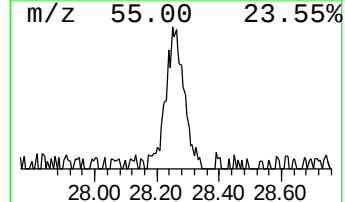
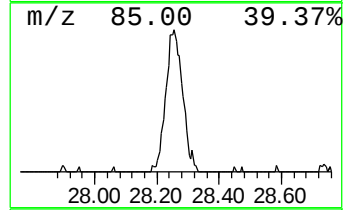
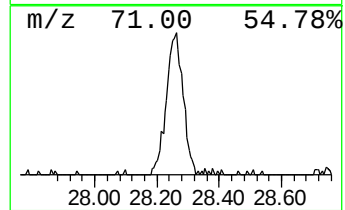
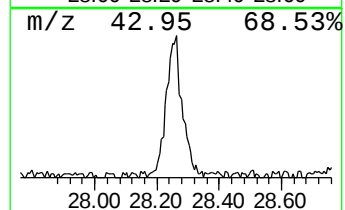
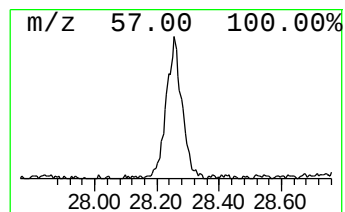
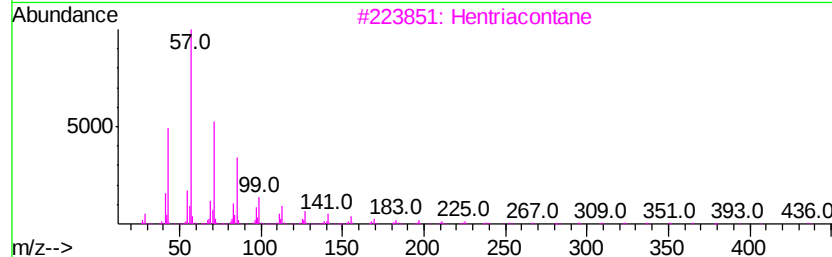
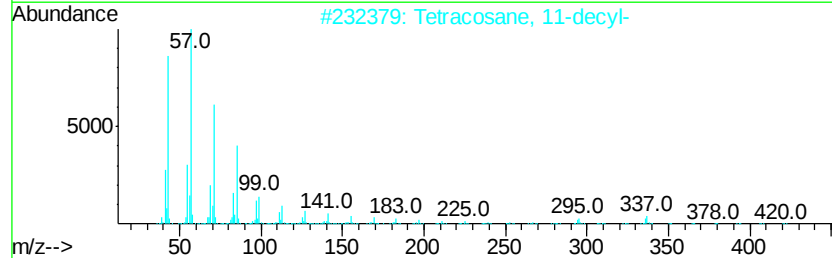
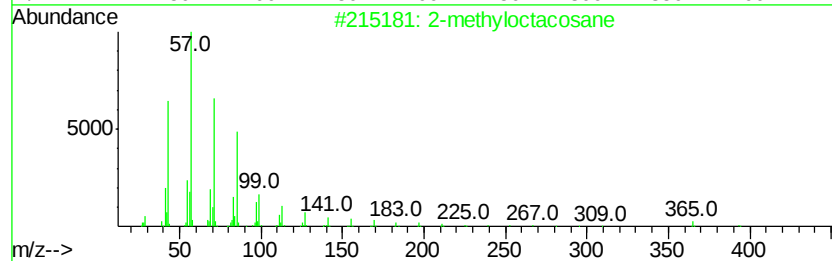
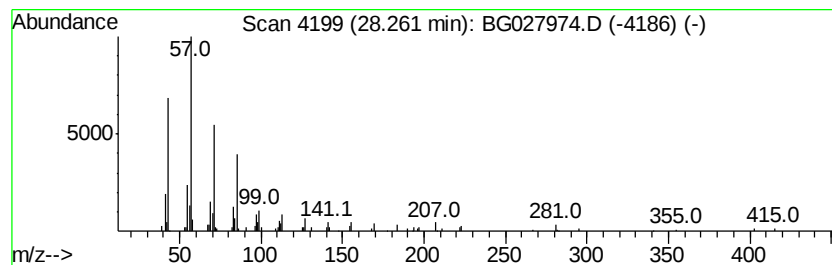
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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.
28.26	2.64 ng/ul	197035	Perylene-d12	25.58

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-methyloctacosane	408	C29H60	1000376-72-8	91
2			Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
3			Hentriacontane	437	C31H64	000630-04-6	91
4			Tetratetracontane	619	C44H90	007098-22-8	90
5			Octadecane	254	C18H38	000593-45-3	87



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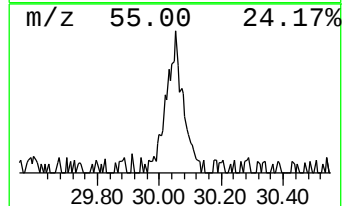
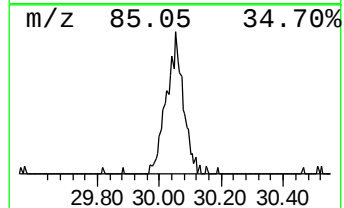
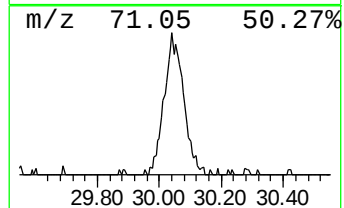
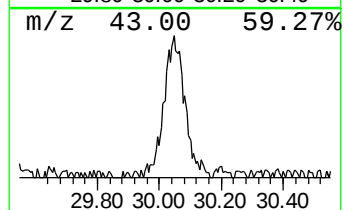
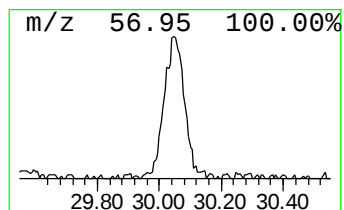
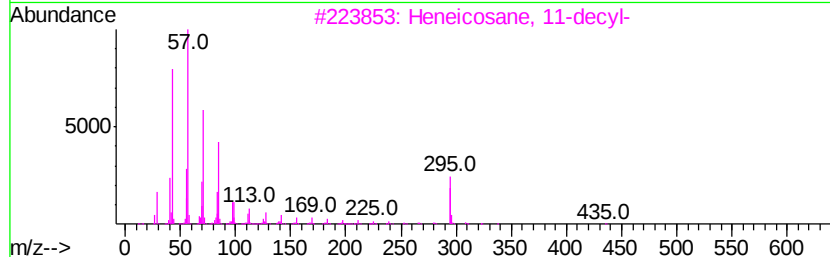
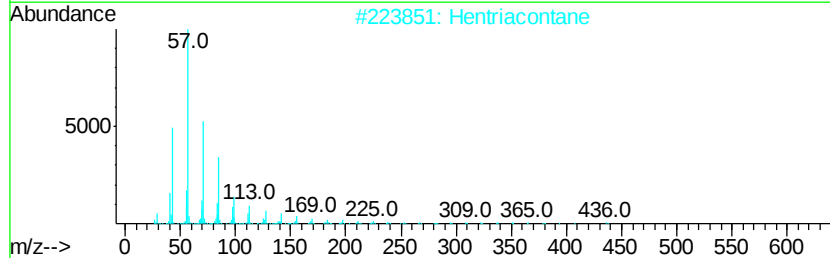
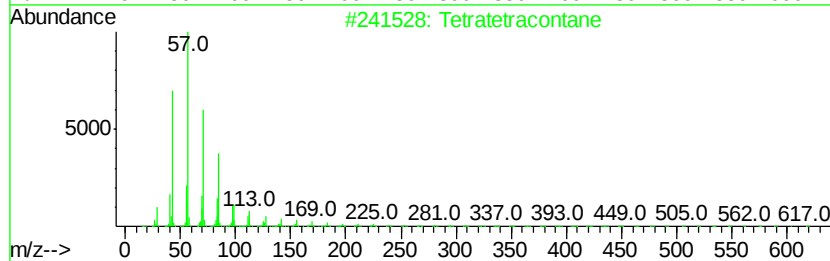
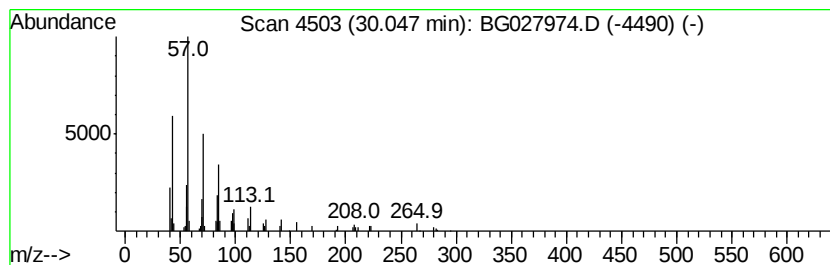
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.05	2.15 ng/ul	160434	Perylene-d12	25.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	90
2		Hentriacontane	437	C31H64	000630-04-6	87
3		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	87
4		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	87
5		Tritetracontane	605	C43H88	007098-21-7	86



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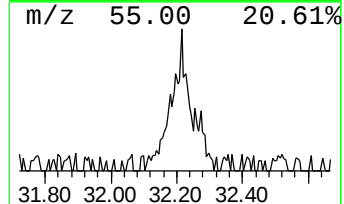
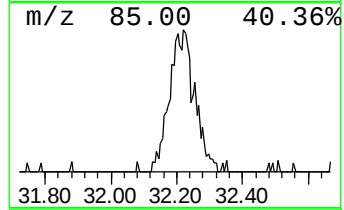
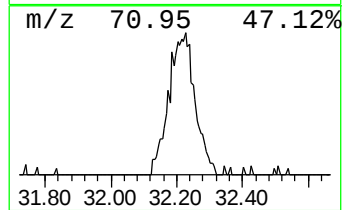
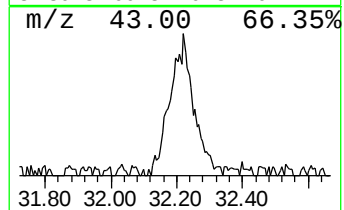
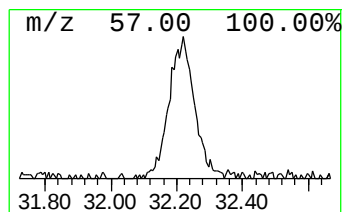
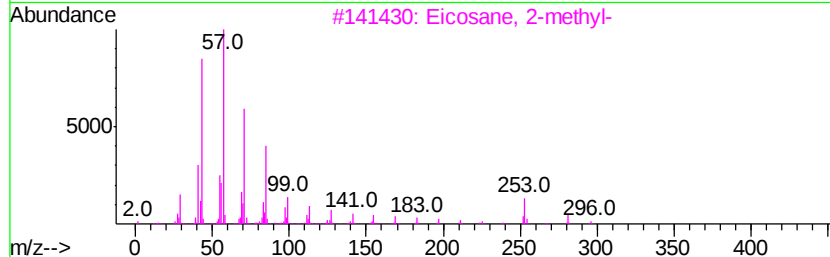
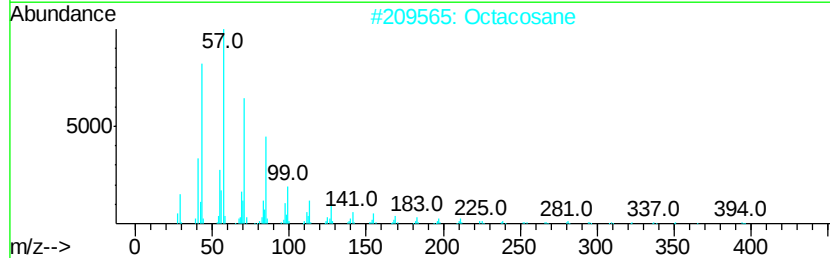
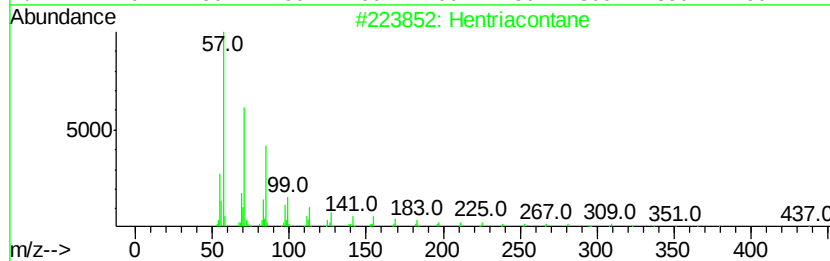
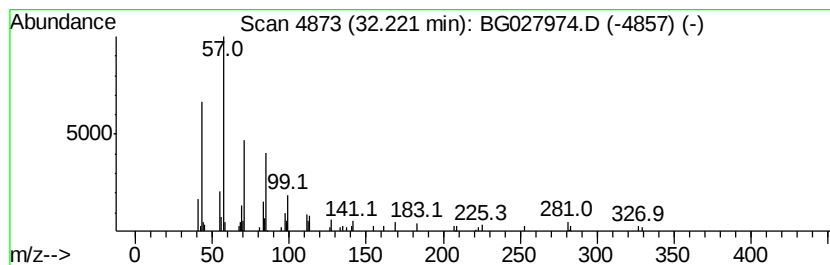
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.22	2.12 ng/ul	158151	Perylene-d12	25.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	87
2		Octacosane	394	C28H58	000630-02-4	87
3		Eicosane, 2-methyl-	296	C21H44	001560-84-5	83
4		2-methylhexacosane	380	C27H56	1000376-72-7	83
5		Hentriacontane	437	C31H64	000630-04-6	80



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071917\
Data File : BG027974.D
Acq On : 19 Jul 2017 22:54
Operator : SJ/JU
Sample : I4213-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B34

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	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	26.77	2.4	ng/ul	178967	6	25.58	1493060	20.0
(DEL) Alkane: Str...	28.26	2.6	ng/ul	197035	6	25.58	1493060	20.0
(DEL) Alkane: Str...	30.05	2.1	ng/ul	160434	6	25.58	1493060	20.0
(DEL) Alkane: Str...	32.22	2.1	ng/ul	158151	6	25.58	1493060	20.0