

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080917\
 Data File : BG028252.D
 Acq On : 10 Aug 2017 8:19
 Operator : SJ/JU
 Sample : I4455-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AG2

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	3.847	39	44	52	rVB5	10025	19223	1.34%	0.111%
2	4.123	87	91	94	rBV4	2116	3206	0.22%	0.019%
3	4.346	125	129	135	rBV5	4543	7603	0.53%	0.044%
4	4.769	195	201	208	rBV2	13638	24327	1.69%	0.141%
5	5.169	264	269	280	rBV6	8907	16414	1.14%	0.095%
6	5.462	309	319	323	rBV8	3240	8232	0.57%	0.048%
7	5.780	367	373	378	rBV4	1846	3980	0.28%	0.023%
8	6.432	478	484	489	rBV3	4038	7677	0.53%	0.044%
9	6.826	544	551	555	rVB2	1703	3398	0.24%	0.020%
10	7.501	658	666	681	rBV	175589	379831	26.44%	2.195%
11	7.672	685	695	706	rBV	135611	236700	16.48%	1.368%
12	7.889	722	732	740	rBV	169183	307166	21.38%	1.775%
13	8.124	768	772	778	rBV4	2166	3747	0.26%	0.022%
14	8.353	799	811	826	rVB	196719	364649	25.38%	2.107%
15	9.047	920	929	940	rVV2	178938	329241	22.92%	1.903%
16	9.522	1001	1010	1021	rBV	173591	342393	23.83%	1.979%
17	9.875	1068	1070	1078	rVB3	1672	3580	0.25%	0.021%
18	10.245	1123	1133	1145	rVB2	160939	304240	21.18%	1.758%
19	10.786	1215	1225	1236	rBV	224973	436341	30.37%	2.522%
20	11.097	1272	1278	1282	rVV2	2396	4577	0.32%	0.026%
21	11.173	1282	1291	1304	rVB	293586	560795	39.03%	3.241%
22	11.303	1304	1313	1330	rBV2	193724	387705	26.99%	2.241%
23	12.137	1449	1455	1457	rBV3	1550	3171	0.22%	0.018%
24	12.325	1482	1487	1498	rVB3	3828	6529	0.45%	0.038%
25	12.619	1532	1537	1542	rBV3	3349	6349	0.44%	0.037%
26	12.725	1551	1555	1567	rBV4	3274	9426	0.66%	0.054%
27	13.312	1651	1655	1660	rBV4	2456	3696	0.26%	0.021%
28	13.553	1689	1696	1702	rBV3	3369	6504	0.45%	0.038%
29	13.741	1726	1728	1735	rBV	1820	3411	0.24%	0.020%
30	13.823	1739	1742	1750	rVB4	2450	5270	0.37%	0.030%
31	14.346	1821	1831	1835	rBV	511234	757765	52.74%	4.379%
32	14.393	1835	1839	1846	rVB	218954	335749	23.37%	1.940%
33	14.652	1875	1883	1891	rBV	480964	805463	56.06%	4.655%
34	14.816	1906	1911	1918	rBV4	6702	10471	0.73%	0.061%

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35	14.957	1926	1935	1949	rBV2	487507	840329	58.49%	4.856%
36	15.145	1958	1967	1982	rBV	149595	326891	22.75%	1.889%
37	15.304	1992	1994	1999	rVB3	3455	4667	0.32%	0.027%
38	15.604	2040	2045	2047	rVB	1877	3476	0.24%	0.020%
39	15.715	2057	2064	2067	rBV4	3323	6872	0.48%	0.040%
40	15.762	2067	2072	2076	rVB2	15945	23514	1.64%	0.136%
41	15.827	2077	2083	2086	rVB3	2551	5068	0.35%	0.029%
42	15.944	2095	2103	2111	rBV	700667	1084419	75.48%	6.267%
43	16.056	2115	2122	2133	rBV	259873	401264	27.93%	2.319%
44	16.179	2136	2143	2150	rVB8	9695	23925	1.67%	0.138%
45	16.267	2151	2158	2161	rVB4	2528	4242	0.30%	0.025%
46	16.385	2175	2178	2182	rVB4	3930	4203	0.29%	0.024%
47	16.620	2212	2218	2231	rVV2	17707	35186	2.45%	0.203%
48	16.814	2248	2251	2255	rVB4	2200	3115	0.22%	0.018%
49	16.896	2262	2265	2272	rVB5	3552	4509	0.31%	0.026%
50	16.973	2275	2278	2285	rVB3	2980	4532	0.32%	0.026%
51	17.025	2285	2287	2292	rVB4	2652	3140	0.22%	0.018%
52	17.078	2292	2296	2302	rBV5	3162	7053	0.49%	0.041%
53	17.137	2303	2306	2312	rVB5	2596	2968	0.21%	0.017%
54	17.219	2313	2320	2325	rBV4	6873	12774	0.89%	0.074%
55	17.413	2349	2353	2359	rBV2	11147	12769	0.89%	0.074%
56	17.478	2359	2364	2365	rBV3	3087	4303	0.30%	0.025%
57	17.572	2378	2380	2389	rVB5	3526	6014	0.42%	0.035%
58	17.707	2395	2403	2413	rBV	677642	1079931	75.17%	6.241%
59	17.807	2413	2420	2428	rVB	754658	1160663	80.79%	6.708%
60	17.883	2429	2433	2440	rVB5	4286	7320	0.51%	0.042%
61	17.960	2440	2446	2452	rBV3	5459	9012	0.63%	0.052%
62	18.153	2477	2479	2484	rVB2	3895	4981	0.35%	0.029%
63	18.336	2506	2510	2514	rVB4	3185	6178	0.43%	0.036%
64	18.447	2520	2529	2537	rBV9	5509	16353	1.14%	0.095%
65	18.553	2541	2547	2556	rBV3	73291	141153	9.82%	0.816%
66	18.841	2593	2596	2601	rVB7	2997	4303	0.30%	0.025%
67	18.923	2607	2610	2611	rBV3	8730	8681	0.60%	0.050%
68	19.082	2634	2637	2640	rVB3	3425	4703	0.33%	0.027%
69	19.293	2669	2673	2678	rBV6	3693	5430	0.38%	0.031%
70	19.493	2704	2707	2709	rBV4	2491	3470	0.24%	0.020%
71	19.534	2709	2714	2717	rVB5	10732	14803	1.03%	0.086%

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72	19.710	2736	2744	2748	rBV8	15563	33652	2.34%	0.194%
73	19.746	2748	2750	2757	rVB6	8582	10085	0.70%	0.058%
74	19.816	2757	2762	2772	rBV2	58517	106397	7.41%	0.615%
75	19.969	2783	2788	2794	rVB5	26846	41327	2.88%	0.239%
76	20.081	2799	2807	2815	rVB	984282	1436706	100.00%	8.303%
77	20.286	2839	2842	2848	rVB7	6946	10149	0.71%	0.059%
78	20.504	2877	2879	2882	rBV4	4190	4221	0.29%	0.024%
79	20.645	2902	2903	2908	rVB5	4126	5524	0.38%	0.032%
80	21.074	2971	2976	2983	rVB5	9876	16892	1.18%	0.098%
81	21.361	3016	3025	3027	rBV8	12221	28484	1.98%	0.165%
82	21.614	3063	3068	3076	rBV7	10306	24597	1.71%	0.142%
83	22.037	3131	3140	3153	rBV	702852	1242489	86.48%	7.181%
84	22.842	3273	3277	3283	rBV7	9876	14483	1.01%	0.084%
85	23.588	3398	3404	3410	rVB5	19681	35728	2.49%	0.206%
86	23.994	3470	3473	3475	rBV3	4653	5239	0.36%	0.030%
87	24.464	3545	3553	3564	rVB4	29997	82413	5.74%	0.476%
88	24.540	3564	3566	3569	rBV4	4785	5256	0.37%	0.030%
89	25.298	3683	3695	3707	rBV2	437648	1363009	94.87%	7.877%
90	25.539	3720	3736	3749	rVB2	362449	1251287	87.09%	7.231%
91	26.250	3855	3857	3859	rBV3	3535	3153	0.22%	0.018%
92	26.726	3926	3938	3949	rVB6	40038	147431	10.26%	0.852%
93	27.337	4040	4042	4045	rBV3	4833	5245	0.37%	0.030%
94	28.195	4178	4188	4203	rVB5	38542	141459	9.85%	0.818%
95	29.969	4481	4490	4508	rVB3	31266	145668	10.14%	0.842%
96	30.087	4508	4510	4514	rBV4	7343	9544	0.66%	0.055%
97	31.491	4747	4749	4751	rBV2	3479	3236	0.23%	0.019%
98	31.755	4792	4794	4797	rVB4	3720	3446	0.24%	0.020%
99	31.937	4823	4825	4827	rBV3	4755	3792	0.26%	0.022%
100	32.119	4846	4856	4874	rVB9	23946	121607	8.46%	0.703%

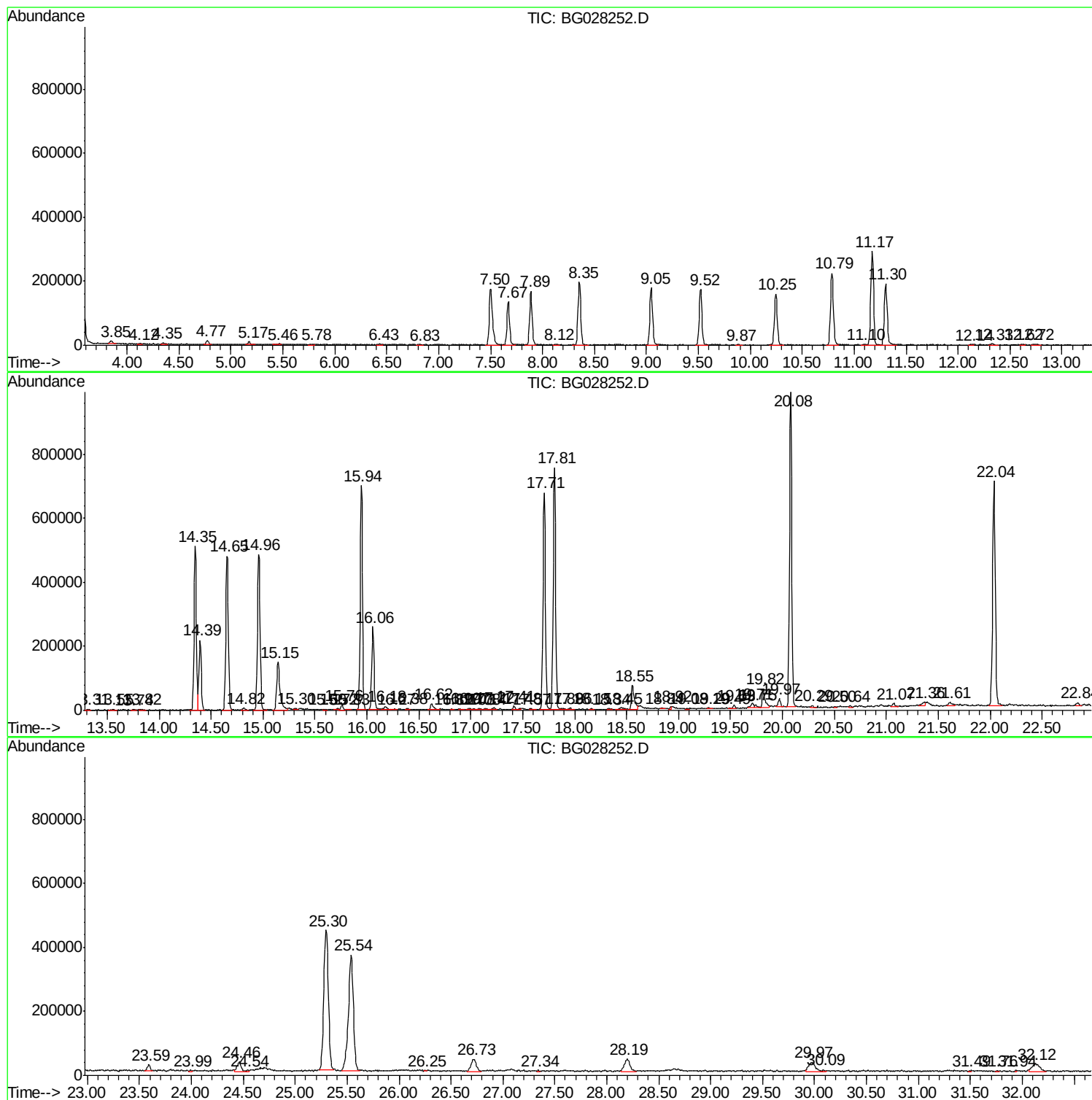
Sum of corrected areas: 17303562

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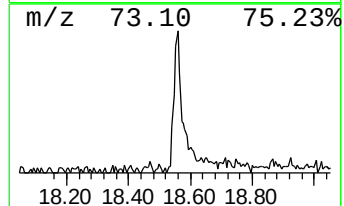
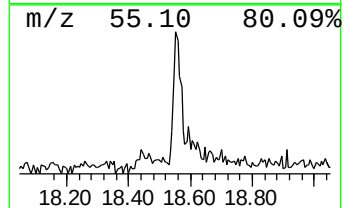
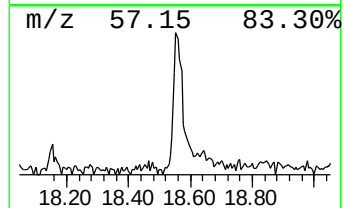
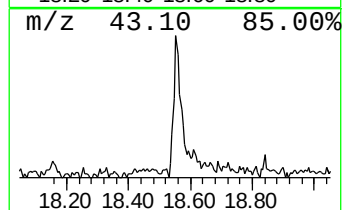
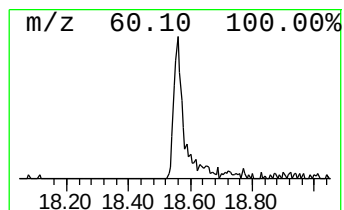
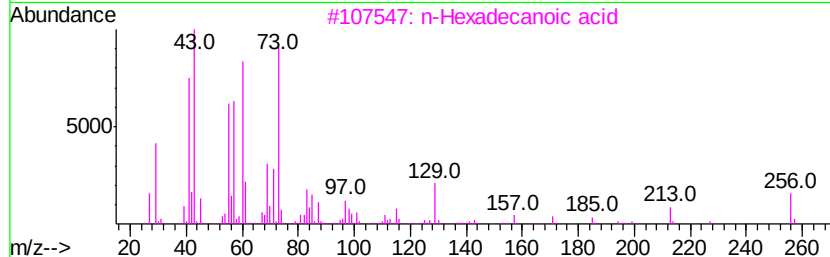
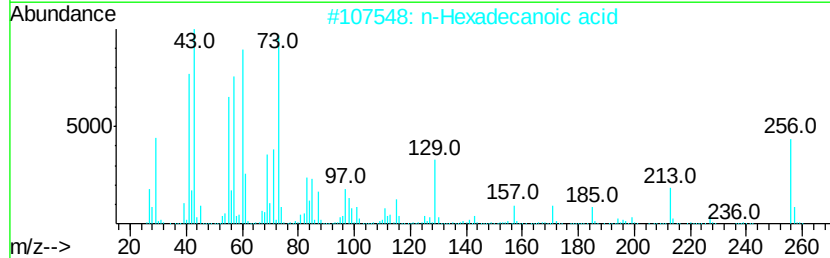
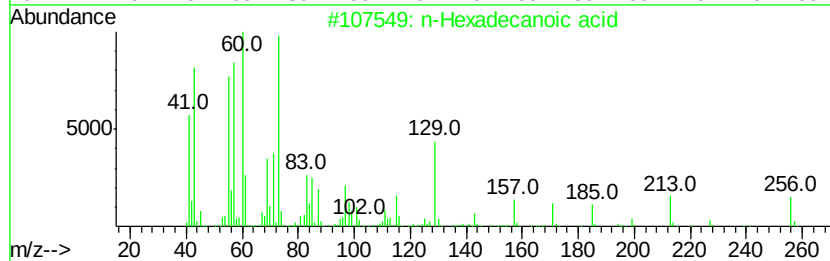
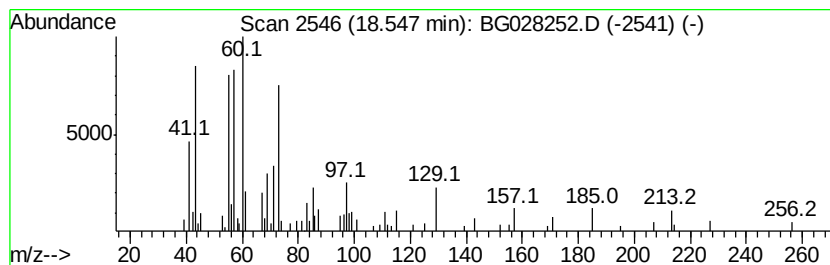
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	2.61 ng/ul	141153	Phenanthrene-d10	17.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5		Tridecanoic acid	214	C13H26O2	000638-53-9	62



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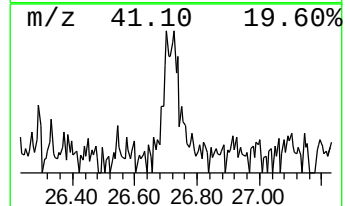
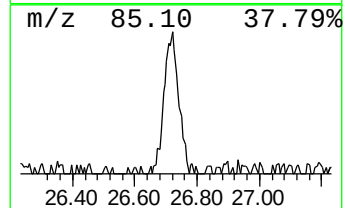
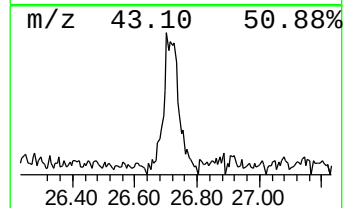
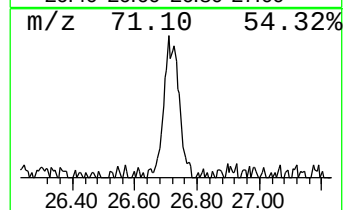
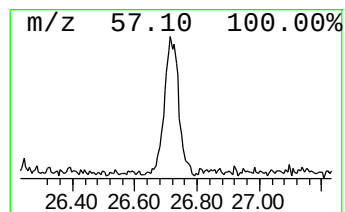
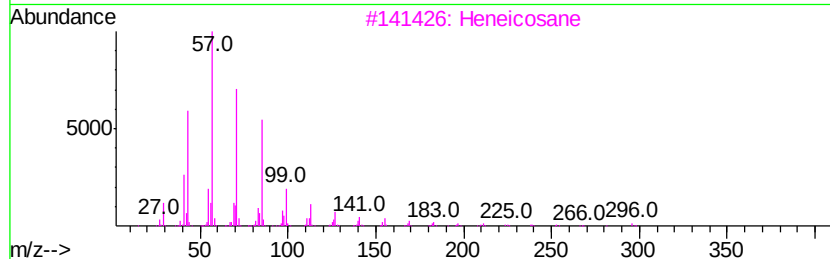
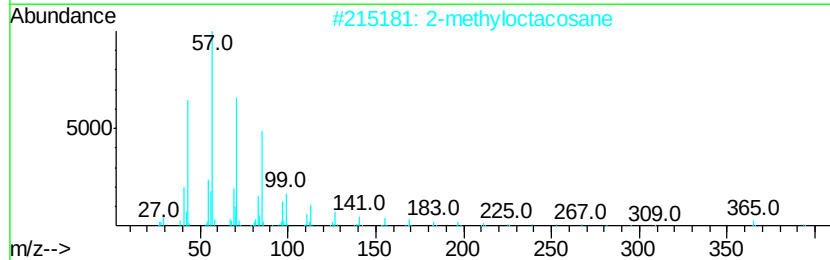
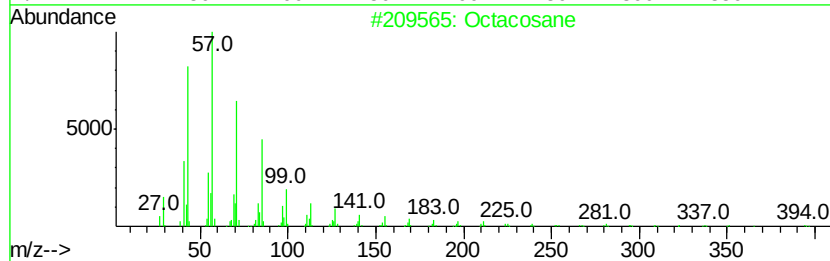
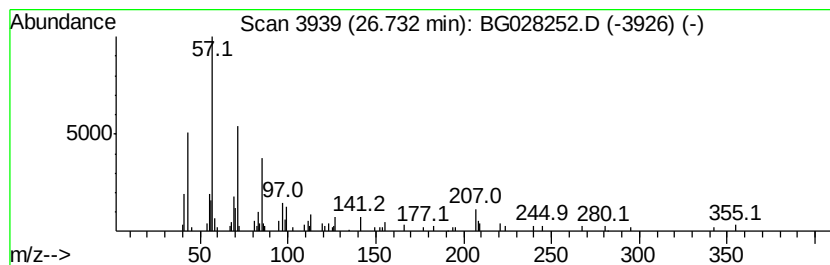
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.73	2.36 ng/ul	147431	Perylene-d12	25.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	83
2		2-methyloctacosane	408	C29H60	1000376-72-8	80
3		Heneicosane	296	C21H44	000629-94-7	72
4		Hentriacontane	437	C31H64	000630-04-6	68
5		Hentriacontane	437	C31H64	000630-04-6	64



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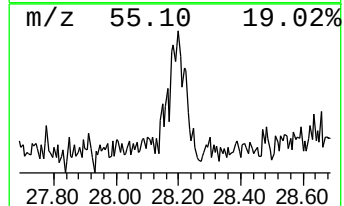
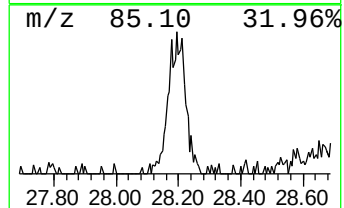
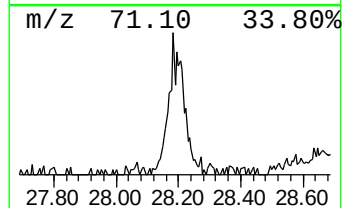
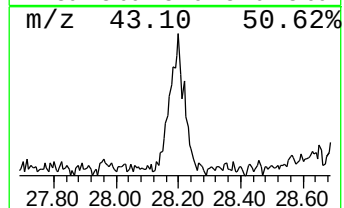
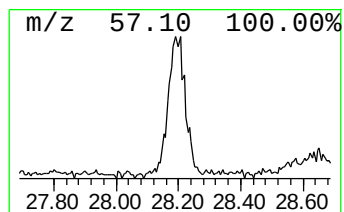
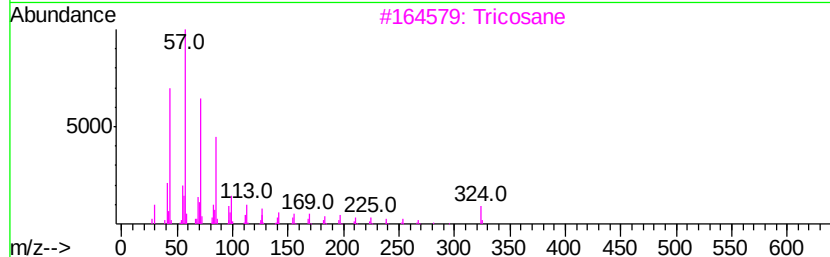
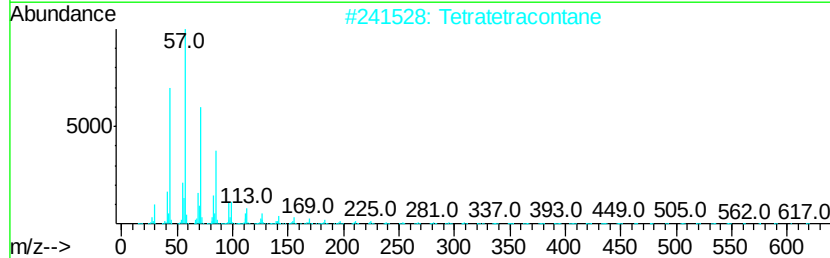
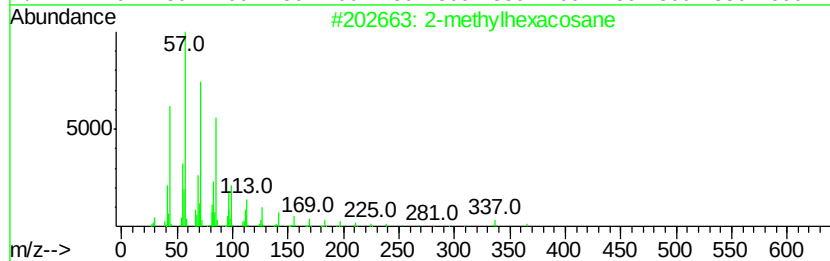
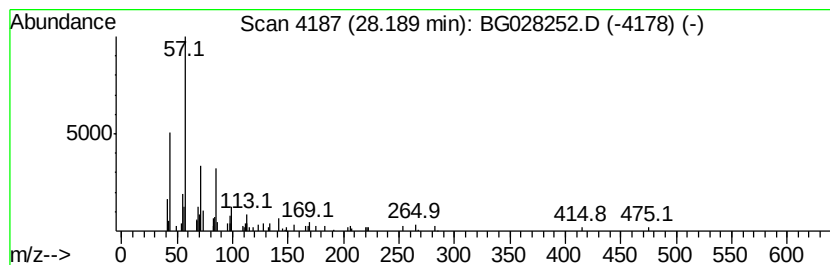
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.19	2.26 ng/ul	141459	Perylene-d12	25.54

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-methylhexacosane	380	C27H56	1000376-72-7	80
2			Tetratetracontane	619	C44H90	007098-22-8	80
3			Tricosane	324	C23H48	000638-67-5	78
4			Sulfurous acid, 2-propyl undecyl...	278	C14H30O3S	1000309-12-2	72
5			Docosane, 11-butyl-	366	C26H54	013475-76-8	72



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Instrument :
BNA_G
ClientSampleId :
C0AG2

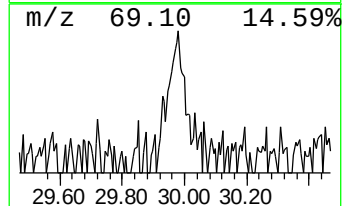
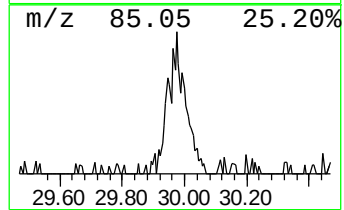
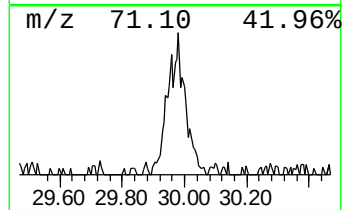
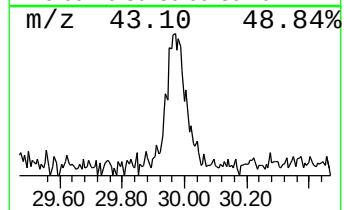
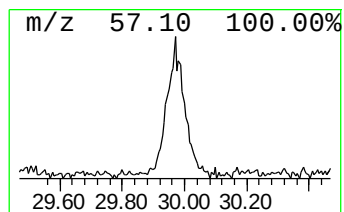
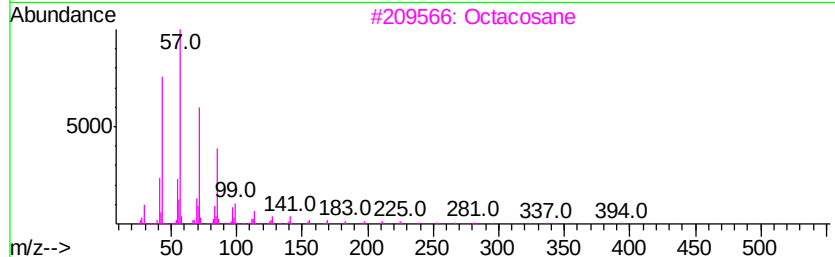
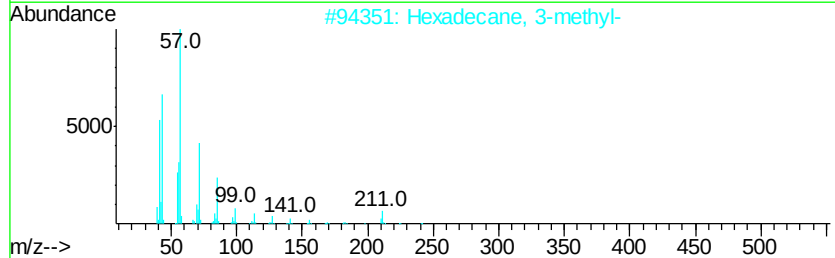
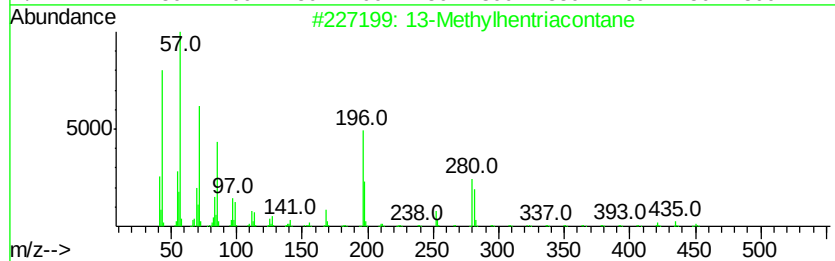
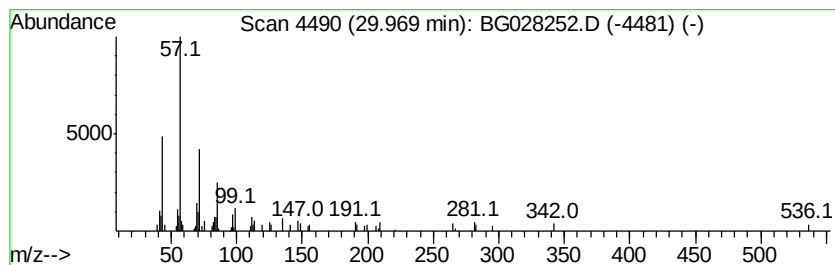
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Quant Title : SVOA CALIBRATION

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.
29.97	2.33 ng/ul	145668	Perylene-d12	25.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	13-Methylhentriacontane	451	C32H66	1000131-19-4	64
2		Hexadecane, 3-methyl-	240	C17H36	006418-43-5	59
3		Octacosane	394	C28H58	000630-02-4	58
4		Heptacosane	380	C27H56	000593-49-7	58
5		Hexatriacontane	507	C36H74	000630-06-8	58



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080917\
Data File : BG028252.D
Acq On : 10 Aug 2017 8:19
Operator : SJ/JU
Sample : I4455-03
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AG2

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
n-Hexadecanoic acid	18.55	2.6	ng/ul	141153	4	17.71	1079930	20.0
(DEL) Alkane: Str...	26.73	2.4	ng/ul	147431	6	25.54	1251290	20.0
(DEL) Alkane: Str...	28.19	2.3	ng/ul	141459	6	25.54	1251290	20.0
(DEL) Alkane: Str...	29.97	2.3	ng/ul	145668	6	25.54	1251290	20.0