

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050617\
 Data File : BG026887.D
 Acq On : 6 May 2017 18:06
 Operator : SJ/MA
 Sample : I2884-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YAB39

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-BG042717.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	3.423	53	57	66	rVB	39960	61745	1.44%	0.115%
2	3.729	105	109	115	rVB5	4026	6691	0.16%	0.012%
3	3.793	117	120	125	rVB5	3511	6381	0.15%	0.012%
4	5.110	339	344	349	rVB6	6339	13572	0.32%	0.025%
5	6.091	507	511	514	rBV4	4042	6907	0.16%	0.013%
6	6.208	527	531	540	rVB6	6253	13897	0.32%	0.026%
7	6.655	599	607	614	rBV6	2677	7098	0.17%	0.013%
8	7.101	676	683	687	rBV4	4226	8288	0.19%	0.015%
9	7.184	687	697	715	rVV	749663	1460793	33.99%	2.714%
10	7.331	715	722	735	rVV	678348	1123174	26.14%	2.087%
11	7.425	735	738	745	rVB4	5053	8493	0.20%	0.016%
12	7.548	750	759	773	rBV	808665	1433710	33.36%	2.664%
13	8.006	830	837	849	rBV	611449	1038792	24.17%	1.930%
14	8.723	951	959	986	rBV	944315	1827514	42.53%	3.395%
15	9.164	1026	1034	1050	rBV	768130	1366365	31.79%	2.539%
16	9.316	1057	1060	1068	rBV7	5209	11204	0.26%	0.021%
17	9.587	1098	1106	1114	rVB	14338	21938	0.51%	0.041%
18	9.886	1147	1157	1171	rBV	621132	1142625	26.59%	2.123%
19	10.439	1242	1251	1275	rBV	930957	1836853	42.74%	3.413%
20	10.809	1302	1314	1325	rBV	971442	1754851	40.83%	3.260%
21	10.938	1325	1336	1361	rBV	971726	1861596	43.32%	3.459%
22	11.279	1390	1394	1402	rBV4	2414	5901	0.14%	0.011%
23	11.661	1454	1459	1465	rVB5	2979	6157	0.14%	0.011%
24	11.767	1465	1477	1491	rBV10	4512	23048	0.54%	0.043%
25	12.066	1521	1528	1536	rBV5	2654	6638	0.15%	0.012%
26	12.301	1562	1568	1572	rVB6	3083	6221	0.14%	0.012%
27	12.389	1576	1583	1591	rBV3	18526	32414	0.75%	0.060%
28	13.147	1708	1712	1720	rVB7	6428	16921	0.39%	0.031%
29	13.224	1720	1725	1731	rBV4	8334	13750	0.32%	0.026%
30	13.441	1755	1762	1769	rBV3	15045	24413	0.57%	0.045%
31	13.529	1769	1777	1780	rBV5	3633	6659	0.15%	0.012%
32	13.600	1784	1789	1795	rVB6	6006	10959	0.26%	0.020%
33	13.964	1841	1851	1854	rBV6	4502	10604	0.25%	0.020%
34	14.023	1854	1861	1865	rVV	1733487	2550641	59.35%	4.739%

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35	14.064	1865	1868	1877	rVV	613141	898040	20.90%	1.669%
36	14.140	1877	1881	1888	rVV6	6783	16134	0.38%	0.030%
37	14.211	1888	1893	1898	rVB4	4603	7858	0.18%	0.015%
38	14.316	1900	1911	1924	rBV	2165296	3443504	80.13%	6.398%
39	14.510	1937	1944	1950	rVB	42415	59917	1.39%	0.111%
40	14.622	1952	1963	1973	rBV2	1364379	2246087	52.27%	4.173%
41	14.839	1994	2000	2016	rBV	329518	829798	19.31%	1.542%
42	15.057	2032	2037	2043	rVB8	8859	22246	0.52%	0.041%
43	15.121	2043	2048	2055	rVB9	12551	26574	0.62%	0.049%
44	15.192	2055	2060	2064	rBV5	8007	14303	0.33%	0.027%
45	15.403	2093	2096	2098	rBV3	6001	8121	0.19%	0.015%
46	15.450	2100	2104	2111	rVB	62972	81249	1.89%	0.151%
47	15.609	2120	2131	2143	rBV	2585654	3938535	91.65%	7.318%
48	15.732	2145	2152	2164	rBV	470303	735036	17.10%	1.366%
49	15.850	2166	2172	2177	rVB3	42431	81185	1.89%	0.151%
50	15.897	2177	2180	2185	rVB6	7098	10486	0.24%	0.019%
51	15.956	2185	2190	2195	rBV7	9089	13655	0.32%	0.025%
52	16.009	2195	2199	2206	rBV9	9983	15780	0.37%	0.029%
53	16.073	2206	2210	2213	rVB4	10216	14495	0.34%	0.027%
54	16.173	2221	2227	2229	rBV7	5017	8146	0.19%	0.015%
55	16.314	2245	2251	2259	rBV	64105	110507	2.57%	0.205%
56	16.567	2285	2294	2299	rVB10	5466	14031	0.33%	0.026%
57	16.655	2303	2309	2317	rBV9	9649	25472	0.59%	0.047%
58	16.772	2324	2329	2332	rVB7	8680	12720	0.30%	0.024%
59	16.814	2334	2336	2343	rVV6	6619	8785	0.20%	0.016%
60	16.878	2343	2347	2352	rVV7	5031	8775	0.20%	0.016%
61	17.101	2378	2385	2389	rBV	33152	45110	1.05%	0.084%
62	17.148	2389	2393	2398	rVB4	10017	15367	0.36%	0.029%
63	17.354	2419	2428	2438	rBV2	1507965	2295927	53.43%	4.266%
64	17.454	2438	2445	2455	rVV2	2562584	3871925	90.10%	7.194%
65	17.624	2470	2474	2480	rVB5	4060	7736	0.18%	0.014%
66	17.742	2491	2494	2500	rVB7	6704	10266	0.24%	0.019%
67	17.842	2506	2511	2513	rBV5	6405	9572	0.22%	0.018%
68	18.006	2534	2539	2544	rVB8	11382	22420	0.52%	0.042%
69	18.106	2554	2556	2563	rVB8	5790	9767	0.23%	0.018%
70	18.235	2571	2578	2596	rBV3	263038	516100	12.01%	0.959%
71	18.517	2623	2626	2635	rBV8	13889	32935	0.77%	0.061%

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72	18.600	2636	2640	2645	rVB8	5917	11748	0.27%	0.022%
73	18.664	2646	2651	2654	rVB6	5186	8541	0.20%	0.016%
74	19.123	2722	2729	2731	rBV7	8689	16353	0.38%	0.030%
75	19.152	2731	2734	2739	rVV2	16656	18290	0.43%	0.034%
76	19.305	2754	2760	2765	rBV10	7242	15510	0.36%	0.029%
77	19.375	2765	2772	2782	rBV4	39473	96144	2.24%	0.179%
78	19.504	2788	2794	2801	rBV3	77991	145497	3.39%	0.270%
79	19.622	2810	2814	2825	rVB2	30671	69177	1.61%	0.129%
80	19.734	2825	2833	2845	rBV2	2891410	4201737	97.77%	7.807%
81	19.986	2874	2876	2882	rBV7	9293	16246	0.38%	0.030%
82	20.257	2918	2922	2927	rBV	62545	74677	1.74%	0.139%
83	20.315	2930	2932	2934	rBV3	8709	7590	0.18%	0.014%
84	20.627	2981	2985	2989	rBV6	23036	36352	0.85%	0.068%
85	20.744	3000	3005	3014	rVB	128790	149411	3.48%	0.278%
86	21.244	3085	3090	3096	rVB	103598	133445	3.11%	0.248%
87	21.426	3116	3121	3122	rBV5	15596	27403	0.64%	0.051%
88	21.602	3144	3151	3165	rVB	1486199	2413199	56.15%	4.484%
89	21.772	3176	3180	3186	rVB2	95659	144478	3.36%	0.268%
90	22.372	3276	3282	3287	rBV	73583	120882	2.81%	0.225%
91	22.425	3287	3291	3300	rVV	27908	56710	1.32%	0.105%
92	23.047	3391	3397	3407	rVB2	89453	171383	3.99%	0.318%
93	23.230	3423	3428	3436	rVB5	44921	87010	2.02%	0.162%
94	23.829	3523	3530	3537	rVB	96121	204527	4.76%	0.380%
95	24.552	3641	3653	3670	rBV2	1453764	4297447	100.00%	7.985%
96	24.769	3679	3690	3707	rVB2	899638	2717261	63.23%	5.049%
97	25.844	3866	3873	3884	rVB4	106912	299025	6.96%	0.556%
98	27.160	4088	4097	4109	rVB2	115042	369370	8.60%	0.686%
99	28.741	4358	4366	4383	rVB5	79333	342075	7.96%	0.636%
100	30.680	4684	4696	4716	rVB4	66624	355086	8.26%	0.660%

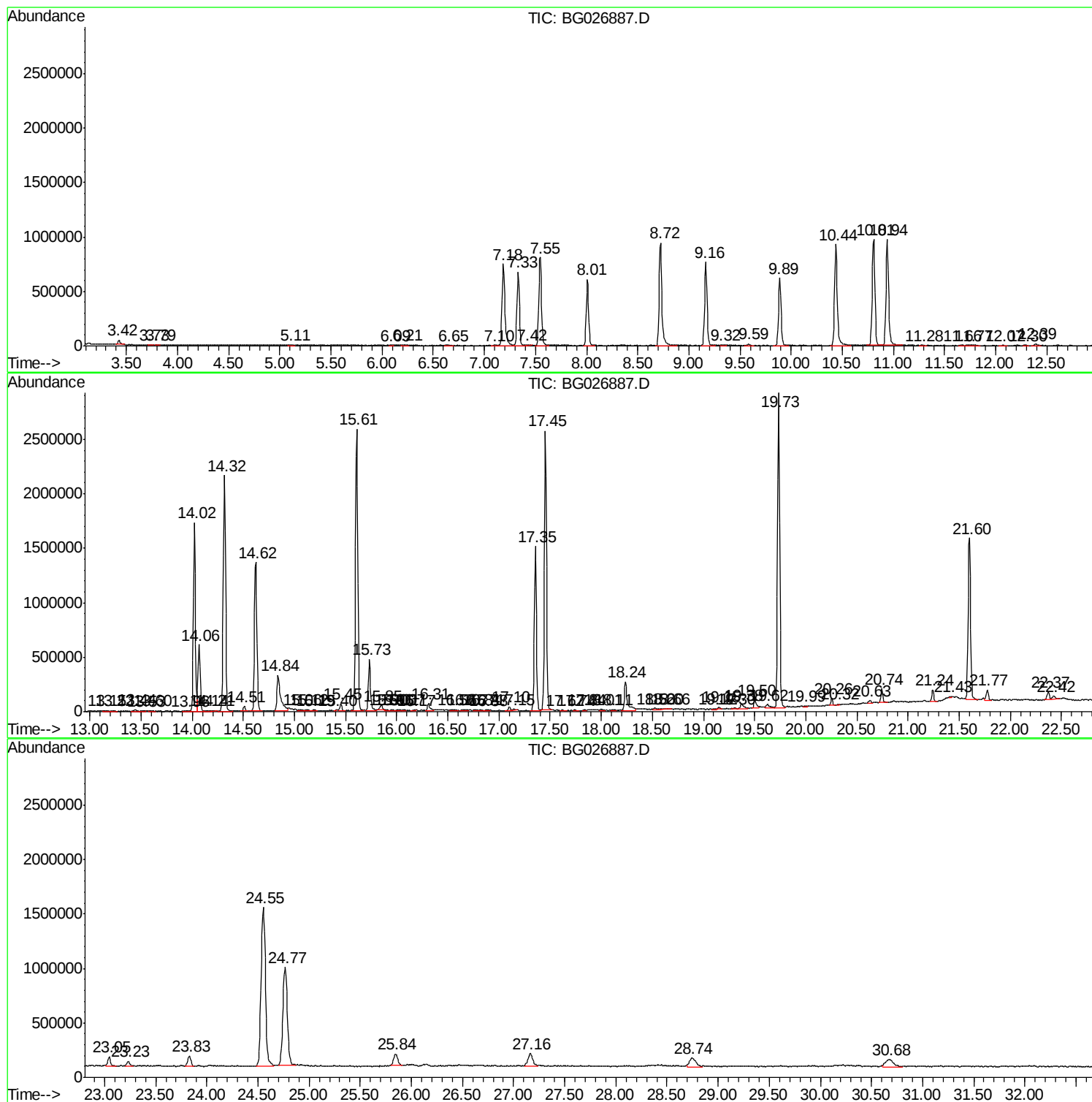
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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



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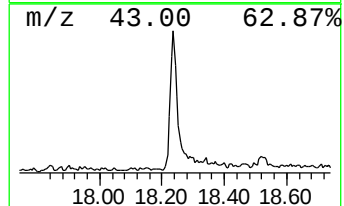
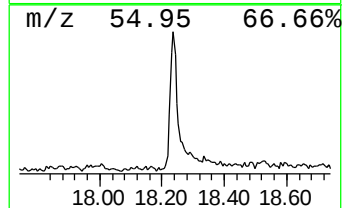
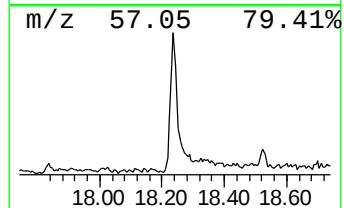
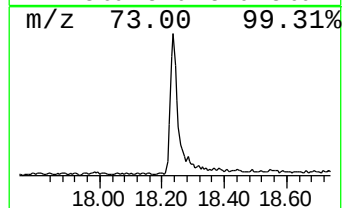
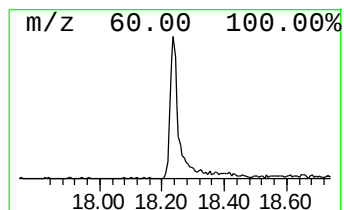
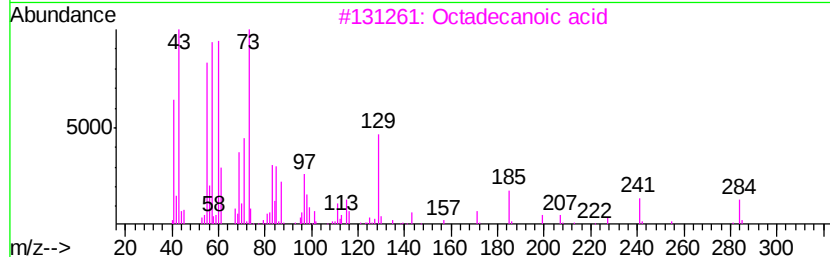
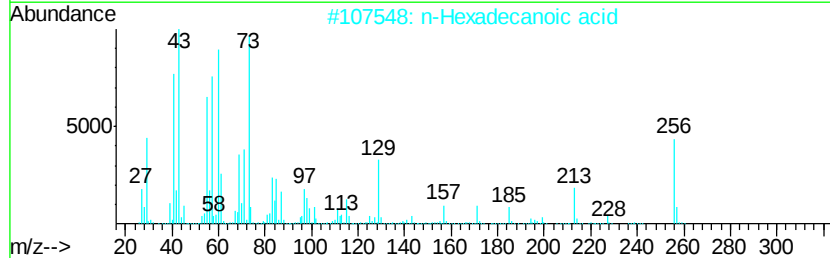
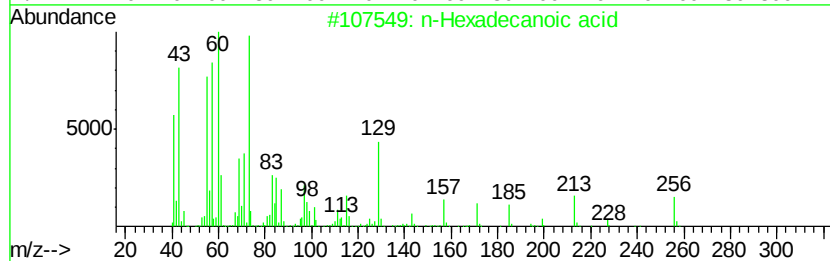
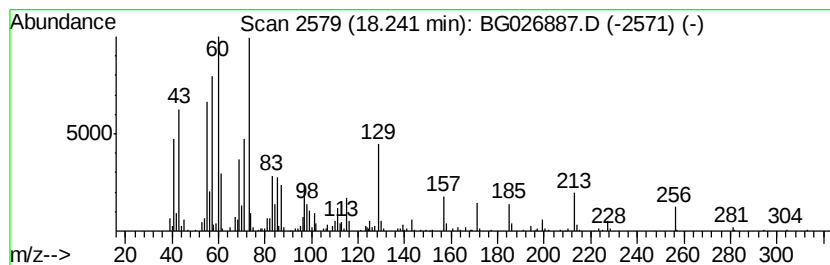
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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.	
18.24	4.50 ng/ul	516100	Phenanthrene-d10	17.35	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3	Octadecanoic acid	284	C18H36O2	000057-11-4	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	83
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	81



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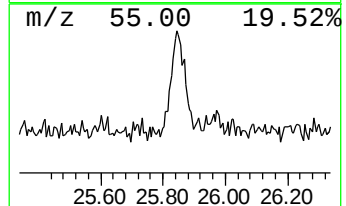
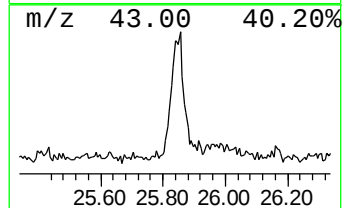
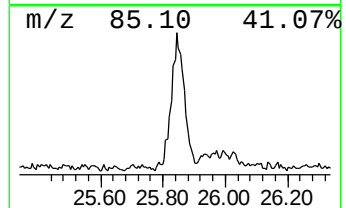
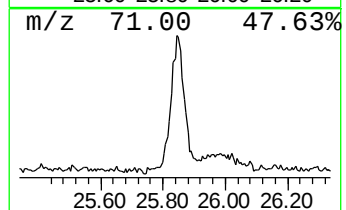
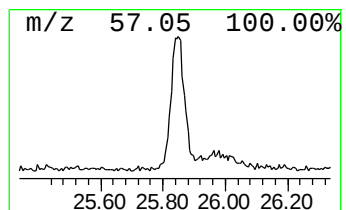
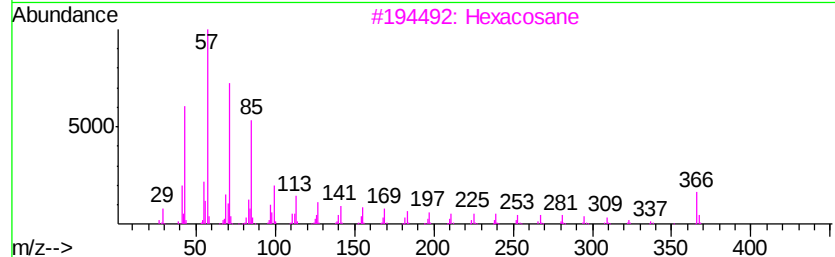
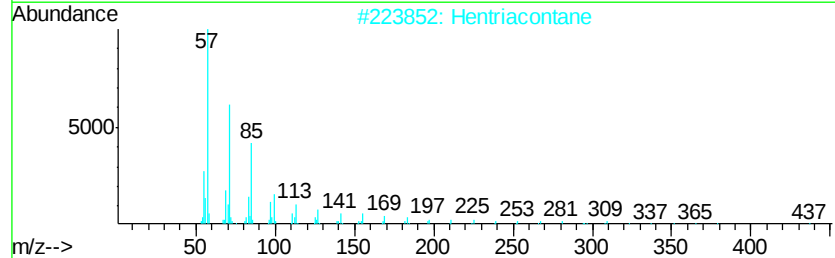
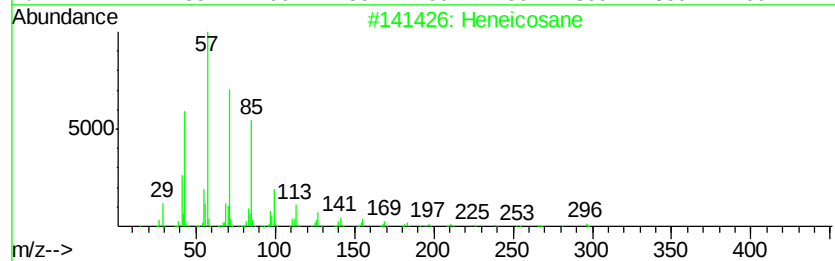
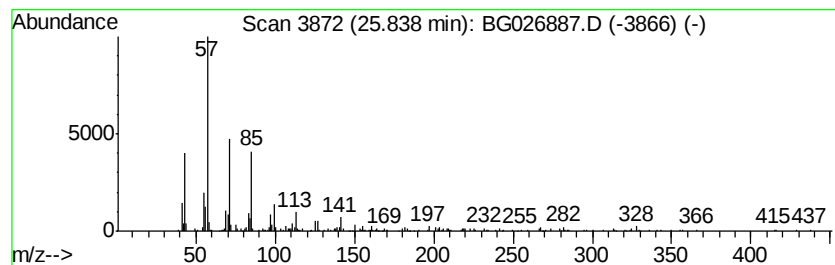
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.84	2.20 ng/ul	299025	Perylene-d12	24.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Hentriacontane	437	C31H64	000630-04-6	87
3		Hexacosane	366	C26H54	000630-01-3	81
4		Octacosane	394	C28H58	000630-02-4	81
5		Tetracosane	338	C24H50	000646-31-1	74



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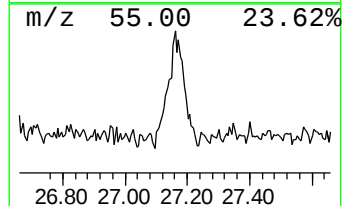
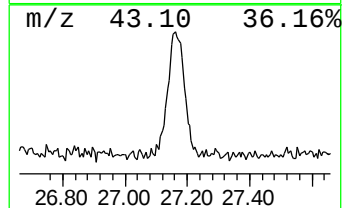
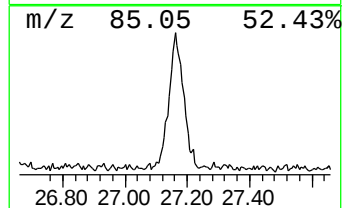
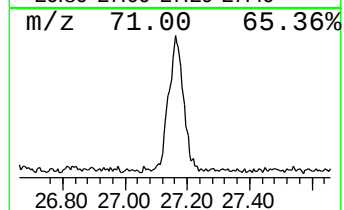
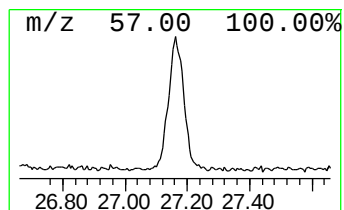
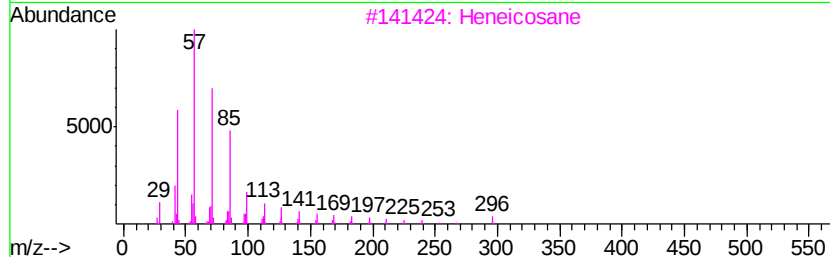
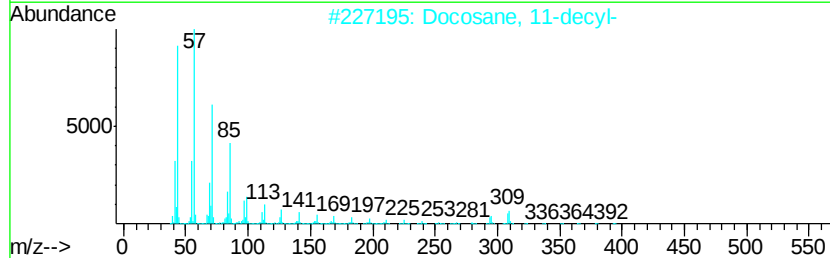
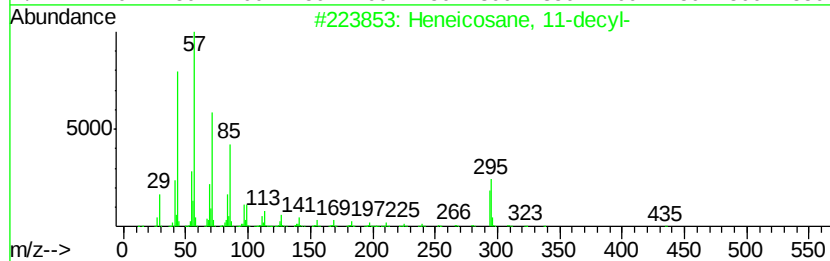
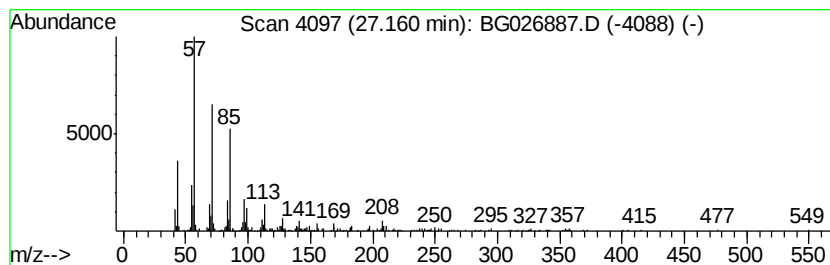
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.16	2.72 ng/ul	369370	Perylene-d12	24.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	90
2		Docosane, 11-decyl-	451	C32H66	055401-55-3	87
3		Heneicosane	296	C21H44	000629-94-7	87
4		Eicosane	282	C20H42	000112-95-8	87
5		Octadecane	254	C18H38	000593-45-3	83



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Data File : BG026887.D
Acq On : 6 May 2017 18:06
Operator : SJ/MA
Sample : I2884-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YAB39

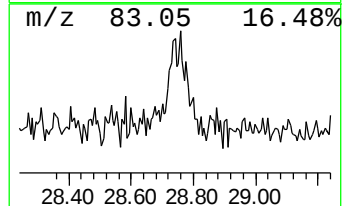
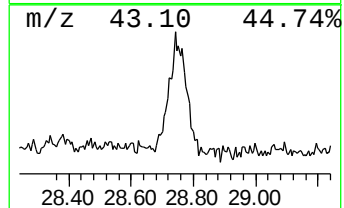
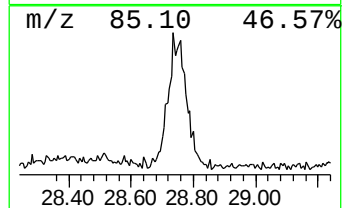
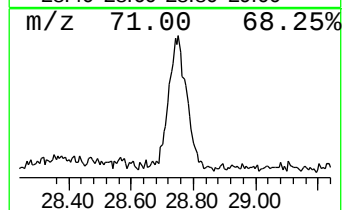
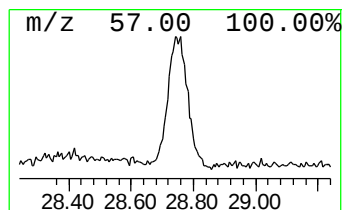
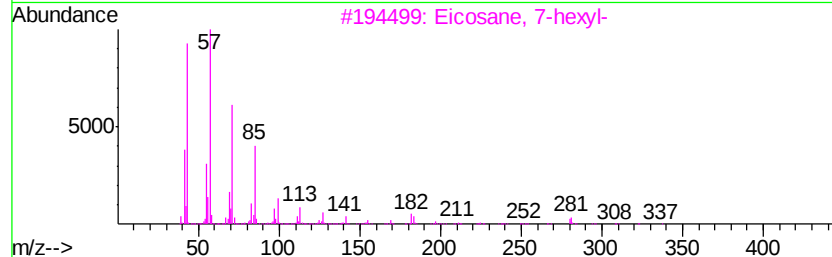
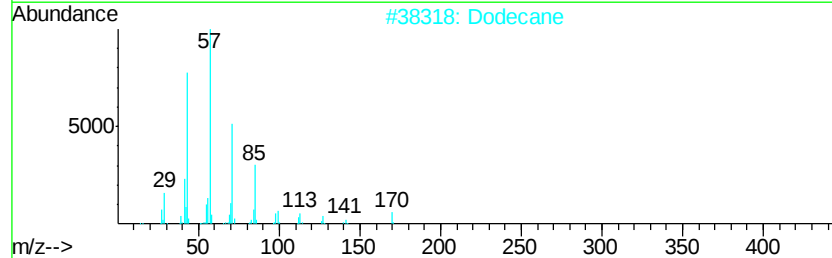
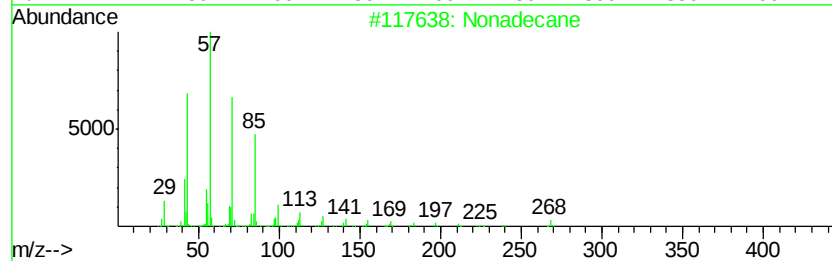
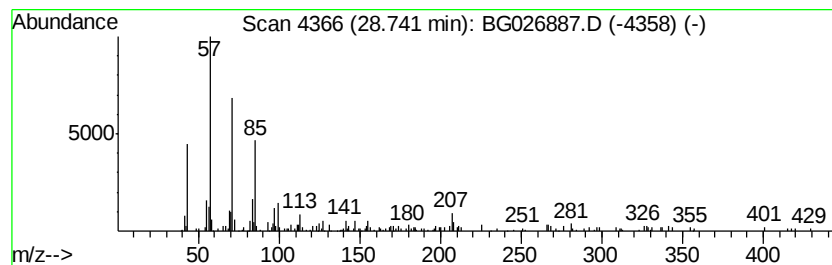
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Quant Title : SVOA CALIBRATION

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.
28.74	2.52 ng/ul	342075	Perylene-d12	24.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	86
2		Dodecane	170	C12H26	000112-40-3	70
3		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	64
4		Pentadecane, 8,8-diheptyl-	408	C29H60	055268-72-9	62
5		Eicosane	282	C20H42	000112-95-8	62



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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YAB39

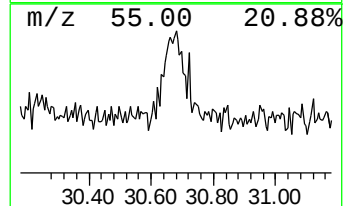
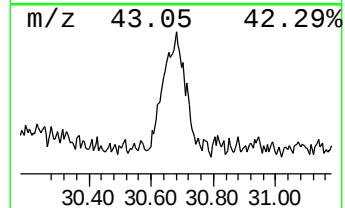
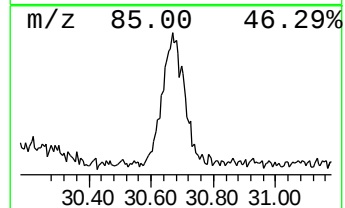
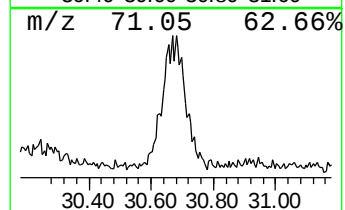
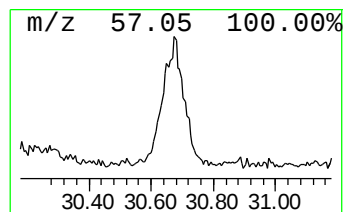
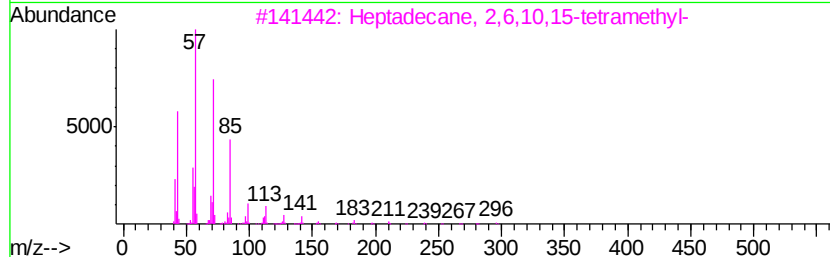
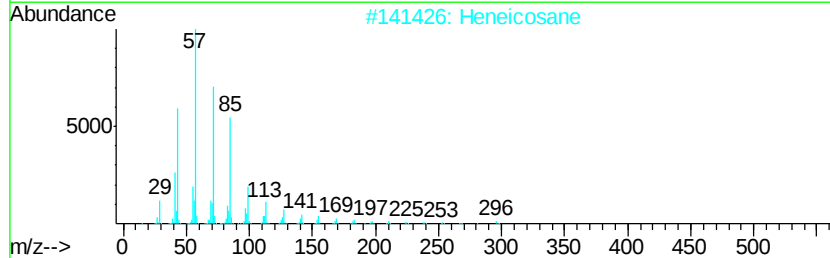
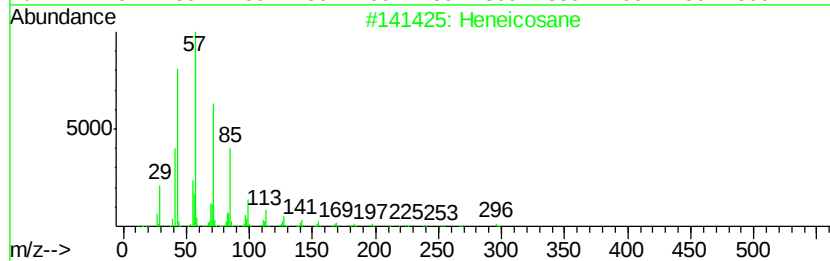
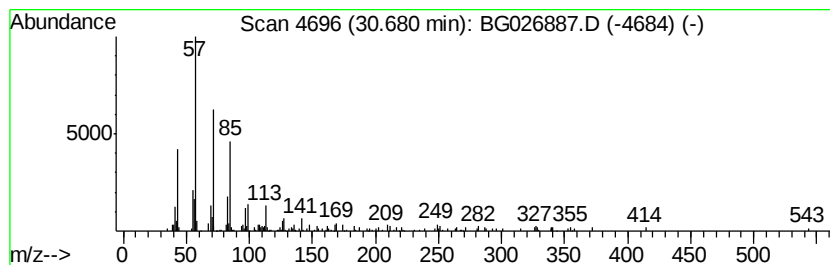
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.68	2.61 ng/ul	355086	Perylene-d12	24.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	93
2		Heneicosane	296	C21H44	000629-94-7	90
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
4		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87
5		Docosane, 11-decyl-	451	C32H66	055401-55-3	87



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ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YAB39

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.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	18.24	4.5	ng/ul	516100	4	17.35	2295930	20.0
(DEL) Alkane: Str...	25.84	2.2	ng/ul	299025	6	24.77	2717260	20.0
(DEL) Alkane: Str...	27.16	2.7	ng/ul	369370	6	24.77	2717260	20.0
(DEL) Alkane: Str...	28.74	2.5	ng/ul	342075	6	24.77	2717260	20.0
(DEL) Alkane: Str...	30.68	2.6	ng/ul	355086	6	24.77	2717260	20.0