

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050417\
 Data File : BG026868.D
 Acq On : 4 May 2017 12:10
 Operator : SJ/MA
 Sample : I2871-12
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YAB23

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	68	rVB2	27202	50459	1.71%	0.120%
2	3.558	78	80	88	rVB4	4376	7989	0.27%	0.019%
3	4.551	243	249	254	rVB5	3860	8062	0.27%	0.019%
4	6.084	502	510	517	rBV2	12006	24422	0.83%	0.058%
5	6.208	528	531	538	rBV4	4356	9740	0.33%	0.023%
6	6.625	597	602	611	rBV6	6169	15756	0.53%	0.038%
7	7.083	668	680	689	rVV8	7429	29857	1.01%	0.071%
8	7.183	689	697	715	rVV	460636	949990	32.26%	2.268%
9	7.330	715	722	734	rVB	410459	699182	23.74%	1.669%
10	7.541	751	758	765	rBV	516774	903786	30.69%	2.158%
11	7.594	765	767	784	rVB2	26973	69091	2.35%	0.165%
12	7.776	795	798	807	rBV	9274	16625	0.56%	0.040%
13	8.006	826	837	849	rVB	573253	1011180	34.33%	2.414%
14	8.317	885	890	895	rBV7	5034	8094	0.27%	0.019%
15	8.717	944	958	989	rBV	591616	1210471	41.10%	2.890%
16	9.163	1021	1034	1045	rBV	467930	838087	28.46%	2.001%
17	9.328	1052	1062	1075	rBV4	20751	69462	2.36%	0.166%
18	9.586	1100	1106	1113	rVB6	3609	7766	0.26%	0.019%
19	9.886	1150	1157	1171	rBV2	386818	703975	23.90%	1.681%
20	10.191	1201	1209	1213	rBV5	6148	13786	0.47%	0.033%
21	10.438	1243	1251	1275	rBV	586306	1209469	41.07%	2.887%
22	10.802	1301	1313	1326	rBV	943083	1671779	56.76%	3.991%
23	10.937	1326	1336	1364	rVB	401156	817850	27.77%	1.952%
24	11.631	1447	1454	1463	rBV5	7852	25965	0.88%	0.062%
25	12.277	1558	1564	1571	rBV4	6463	12200	0.41%	0.029%
26	12.383	1576	1582	1591	rVV3	10773	22301	0.76%	0.053%
27	13.053	1681	1696	1698	rVV9	5138	18637	0.63%	0.044%
28	13.223	1719	1725	1735	rVV2	49914	80371	2.73%	0.192%
29	13.517	1766	1775	1783	rVV5	21858	45798	1.56%	0.109%
30	13.587	1783	1787	1796	rVB6	4770	11201	0.38%	0.027%
31	13.828	1825	1828	1837	rVB5	5271	10557	0.36%	0.025%
32	14.016	1852	1860	1864	rBV	1195349	1716398	58.28%	4.097%
33	14.063	1864	1868	1880	rVV	904894	1317535	44.74%	3.145%
34	14.310	1900	1910	1920	rBV	1431103	2279088	77.38%	5.441%

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35	14.504	1937	1943	1948	rVB3	14295	17289	0.59%	0.041%
36	14.615	1952	1962	1972	rBV2	1292325	2102980	71.40%	5.020%
37	14.839	1989	2000	2031	rBV	209022	687592	23.35%	1.641%
38	15.115	2044	2047	2053	rVB5	7271	10473	0.36%	0.025%
39	15.185	2053	2059	2066	rVV8	5865	10537	0.36%	0.025%
40	15.403	2090	2096	2101	rBV2	19946	40639	1.38%	0.097%
41	15.450	2101	2104	2109	rVB	34993	44240	1.50%	0.106%
42	15.603	2123	2130	2143	rBV	1812555	2720148	92.36%	6.493%
43	15.726	2145	2151	2165	rBV	361626	580254	19.70%	1.385%
44	15.849	2165	2172	2177	rVV4	33038	68061	2.31%	0.162%
45	15.890	2177	2179	2185	rVV6	6440	9122	0.31%	0.022%
46	15.949	2185	2189	2195	rVB5	8408	14633	0.50%	0.035%
47	16.002	2195	2198	2203	rVB4	7488	10392	0.35%	0.025%
48	16.073	2206	2210	2213	rBV6	5985	9246	0.31%	0.022%
49	16.308	2245	2250	2260	rBV	51991	99952	3.39%	0.239%
50	16.484	2275	2280	2285	rBV2	12160	16103	0.55%	0.038%
51	16.554	2289	2292	2294	rBV4	7329	10666	0.36%	0.025%
52	16.660	2303	2310	2312	rBV5	6185	10994	0.37%	0.026%
53	16.754	2323	2326	2332	rBV8	8179	13673	0.46%	0.033%
54	16.813	2332	2336	2340	rVB6	5484	7861	0.27%	0.019%
55	17.013	2367	2370	2376	rVB7	5921	8060	0.27%	0.019%
56	17.095	2376	2384	2389	rBV	40309	59862	2.03%	0.143%
57	17.154	2389	2394	2405	rVB6	20540	43846	1.49%	0.105%
58	17.254	2405	2411	2417	rVB9	10532	19511	0.66%	0.047%
59	17.353	2417	2428	2435	rBV	1468957	2172282	73.76%	5.186%
60	17.447	2437	2444	2454	rVB2	1714181	2673983	90.79%	6.383%
61	17.618	2470	2473	2485	rVB5	9458	16919	0.57%	0.040%
62	17.753	2491	2496	2500	rBV7	6559	13642	0.46%	0.033%
63	17.835	2502	2510	2513	rBV3	31423	56163	1.91%	0.134%
64	18.006	2536	2539	2543	rVB5	17490	26043	0.88%	0.062%
65	18.053	2544	2547	2551	rVB6	5483	8484	0.29%	0.020%
66	18.111	2554	2557	2562	rVB6	5588	8375	0.28%	0.020%
67	18.229	2572	2577	2586	rBV	121970	226857	7.70%	0.542%
68	18.299	2586	2589	2598	rVB	21098	41034	1.39%	0.098%
69	18.523	2621	2627	2634	rBV4	21393	39114	1.33%	0.093%
70	18.652	2645	2649	2653	rVB7	5759	9368	0.32%	0.022%
71	19.145	2729	2733	2736	rBV3	17623	28053	0.95%	0.067%

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72	19.269	2738	2754	2757	rBV3	45384	173686	5.90%	0.415%
73	19.369	2767	2771	2783	rVB7	36855	96503	3.28%	0.230%
74	19.498	2789	2793	2798	rBV3	42075	63374	2.15%	0.151%
75	19.627	2809	2815	2821	rVB4	21154	51624	1.75%	0.123%
76	19.733	2822	2833	2846	rBV	1984746	2945164	100.00%	7.031%
77	20.244	2915	2920	2928	rBV9	24115	52529	1.78%	0.125%
78	20.315	2929	2932	2937	rVV6	14753	19080	0.65%	0.046%
79	20.579	2971	2977	2981	rBV7	22791	38444	1.31%	0.092%
80	20.697	2991	2997	3000	rVB8	20190	39355	1.34%	0.094%
81	20.744	3001	3005	3012	rVV9	15008	30670	1.04%	0.073%
82	21.472	3126	3129	3136	rVB5	25319	47684	1.62%	0.114%
83	21.596	3143	3150	3164	rBV	1421048	2259563	76.72%	5.394%
84	22.365	3277	3281	3284	rBV4	32597	53291	1.81%	0.127%
85	22.424	3286	3291	3296	rVB9	30460	56776	1.93%	0.136%
86	23.035	3391	3395	3402	rVB4	46569	77759	2.64%	0.186%
87	23.223	3424	3427	3433	rVB2	46369	81439	2.77%	0.194%
88	23.822	3520	3529	3542	rVB2	70790	234536	7.96%	0.560%
89	24.075	3566	3572	3579	rVB10	51394	123258	4.19%	0.294%
90	24.539	3640	3651	3664	rBV2	1032638	2942206	99.90%	7.024%
91	24.751	3677	3687	3706	rVB2	873860	2677696	90.92%	6.392%
92	25.074	3735	3742	3755	rVB2	50745	185543	6.30%	0.443%
93	25.368	3789	3792	3806	rVB2	47220	136558	4.64%	0.326%
94	25.838	3864	3872	3880	rVB4	102240	273986	9.30%	0.654%
95	25.926	3881	3887	3896	rVV4	34828	92720	3.15%	0.221%
96	26.460	3971	3978	3990	rVB9	52326	175177	5.95%	0.418%
97	27.148	4086	4095	4107	rVB4	94356	340063	11.55%	0.812%
98	27.553	4155	4164	4178	rVB9	54650	208550	7.08%	0.498%
99	28.740	4355	4366	4381	rVB5	73601	301890	10.25%	0.721%
100	30.661	4685	4693	4711	rVB5	64107	287846	9.77%	0.687%

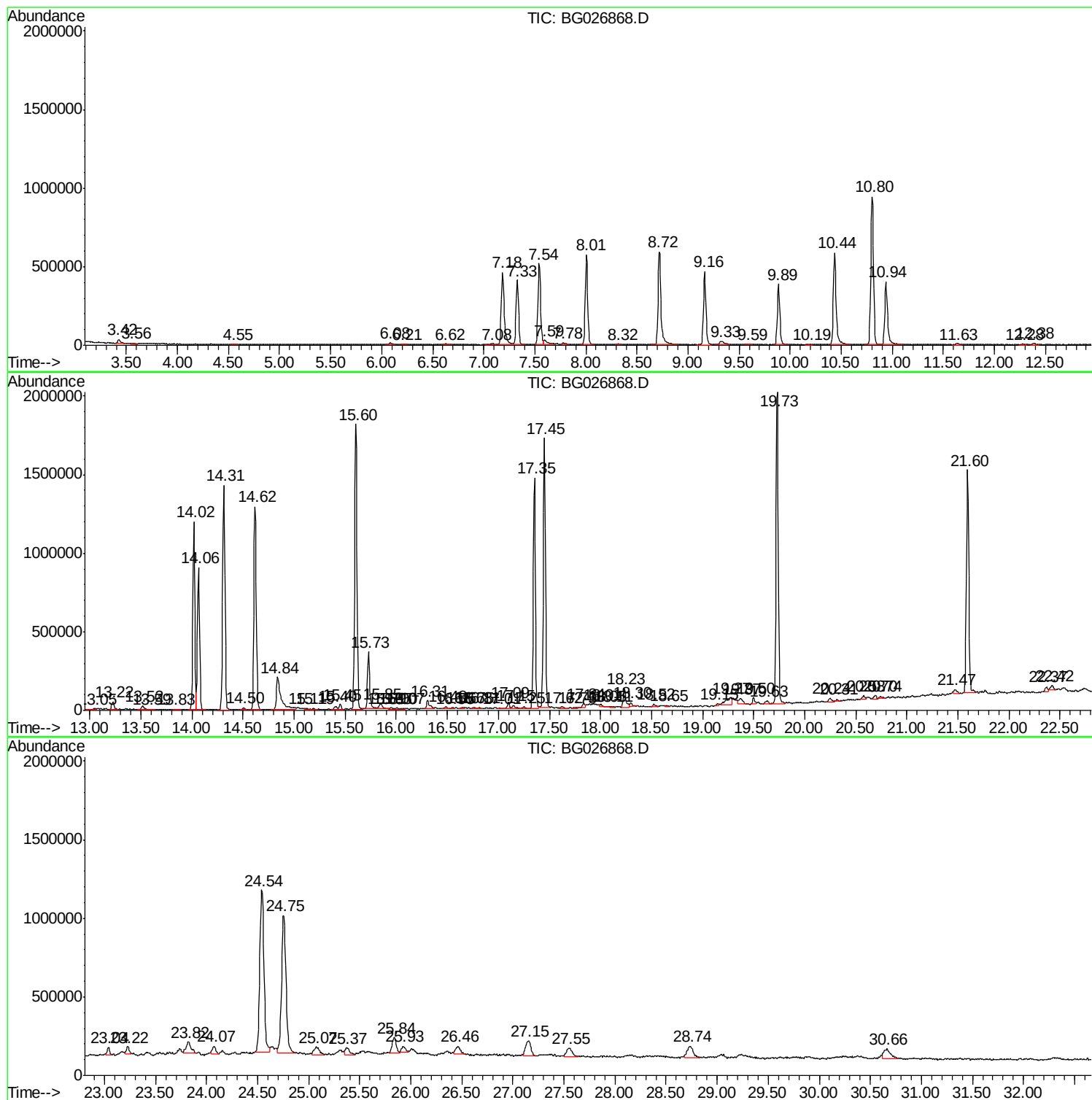
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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



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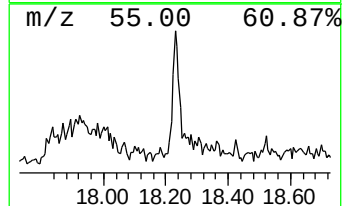
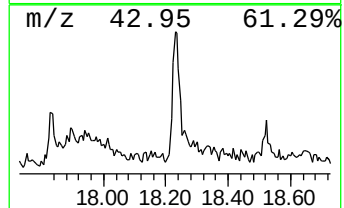
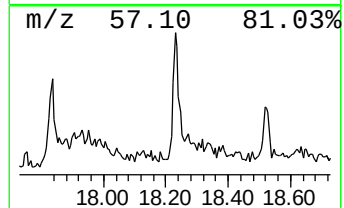
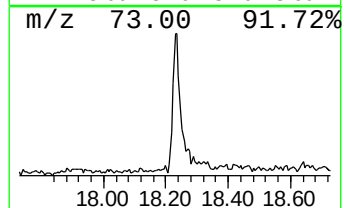
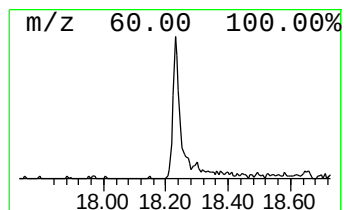
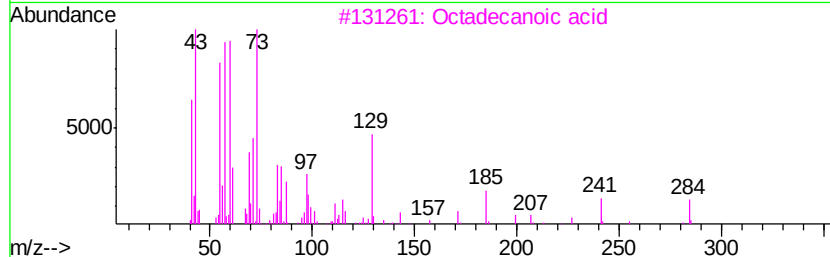
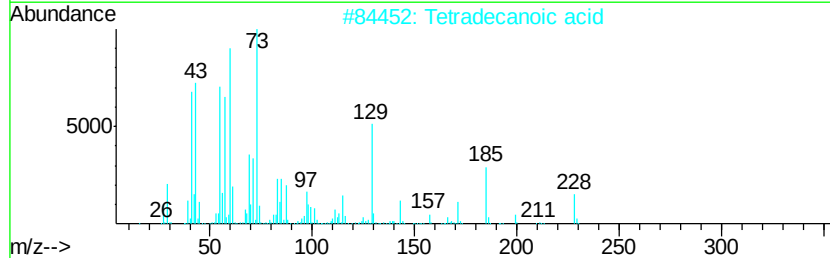
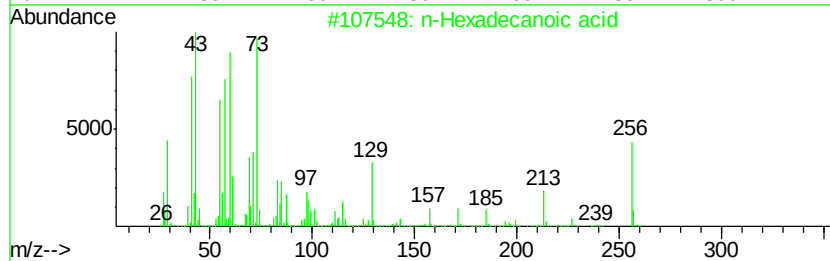
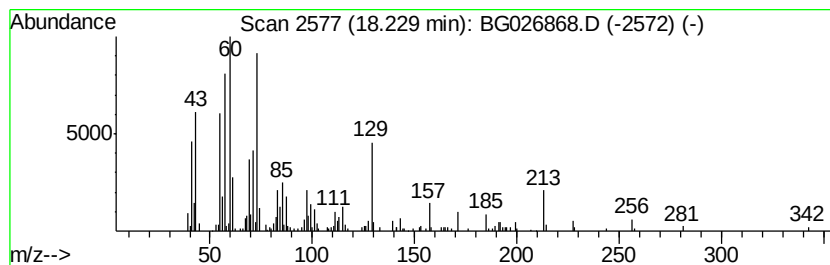
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	2.09 ng/ul	226857	Phenanthrene-d10	17.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3		Octadecanoic acid	284	C18H36O2	000057-11-4	80
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
5		Tridecanoic acid	214	C13H26O2	000638-53-9	58



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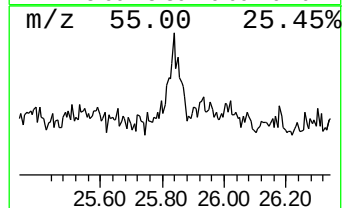
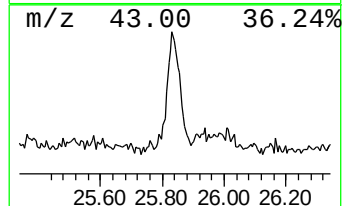
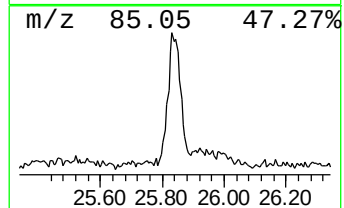
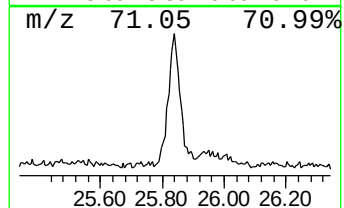
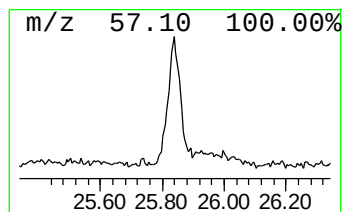
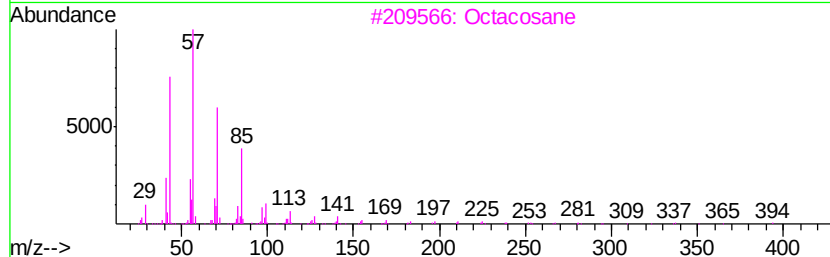
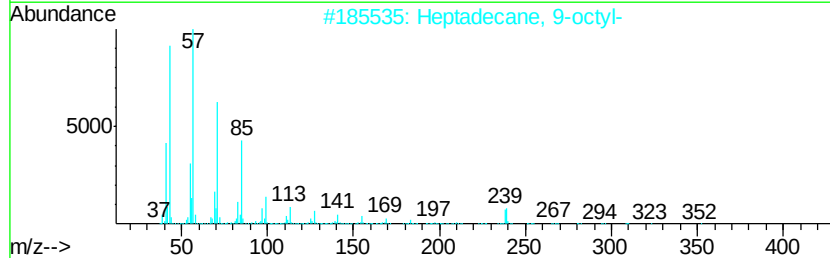
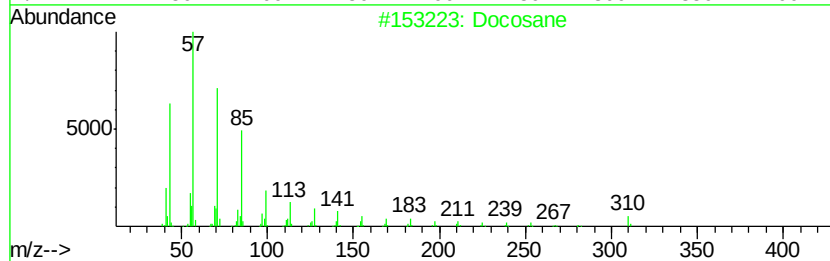
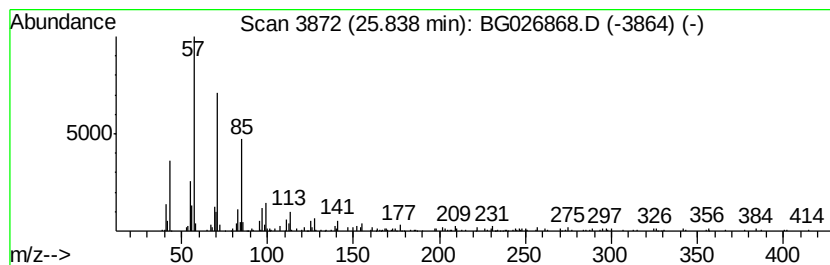
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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	2.05 ng/ul	273986	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane	310	C22H46	000629-97-0	87
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
3		Octacosane	394	C28H58	000630-02-4	87
4		Eicosane	282	C20H42	000112-95-8	87
5		Docosane, 11-decyl-	451	C32H66	055401-55-3	86



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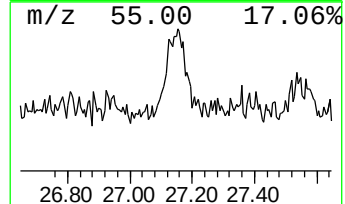
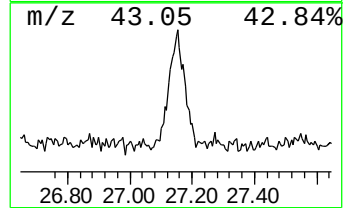
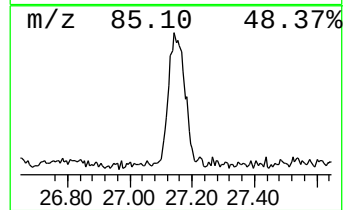
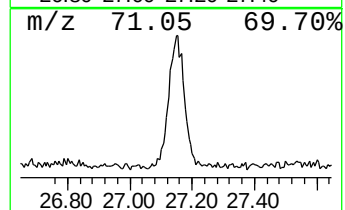
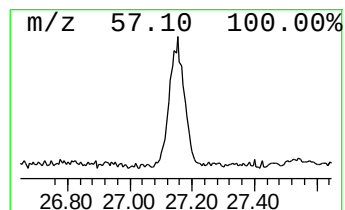
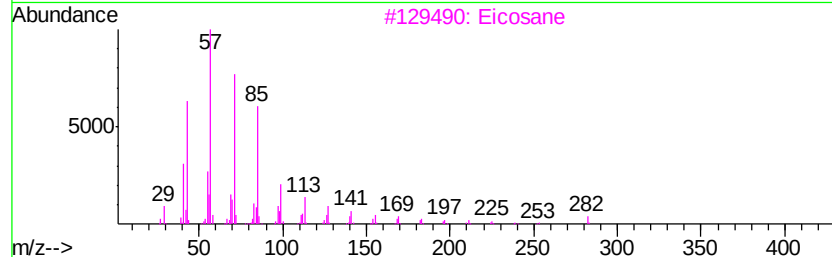
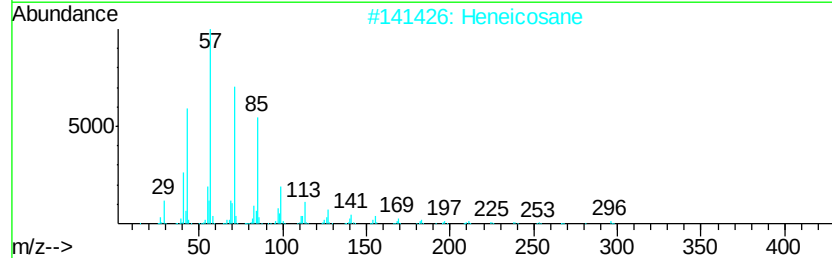
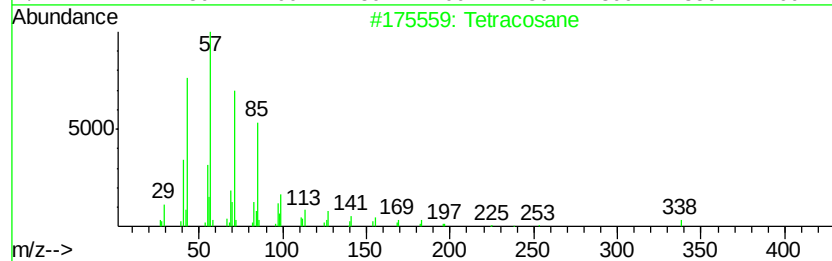
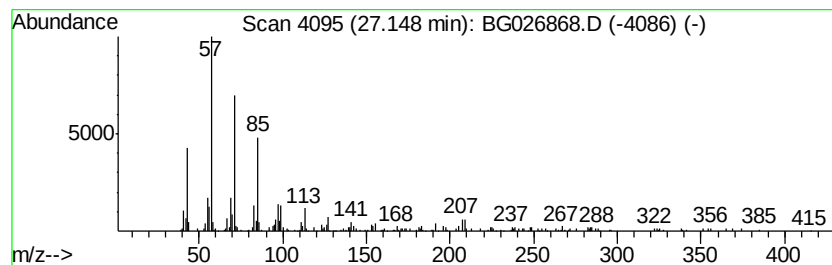
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.15	2.54 ng/ul	340063	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	98
2		Heneicosane	296	C21H44	000629-94-7	95
3		Eicosane	282	C20H42	000112-95-8	95
4		Eicosane	282	C20H42	000112-95-8	93
5		Tetracosane	338	C24H50	000646-31-1	91



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Instrument :
BNA_G
ClientSampleId :
YAB23

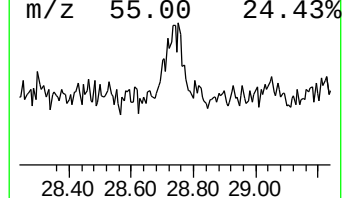
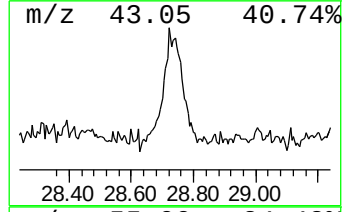
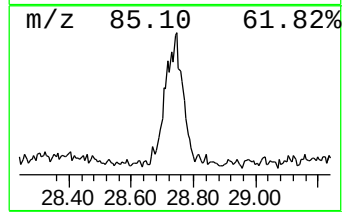
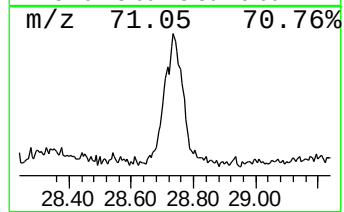
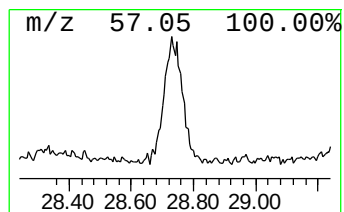
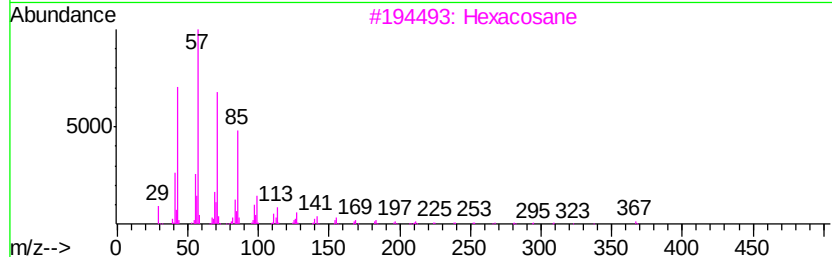
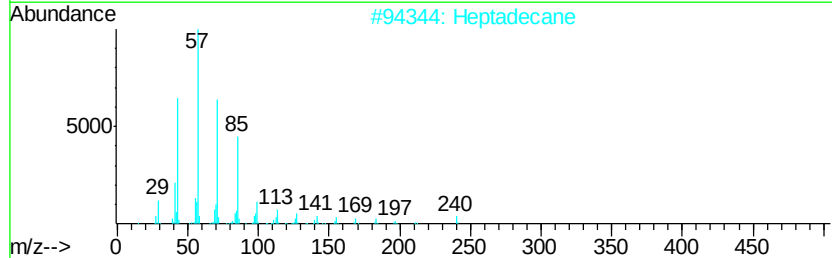
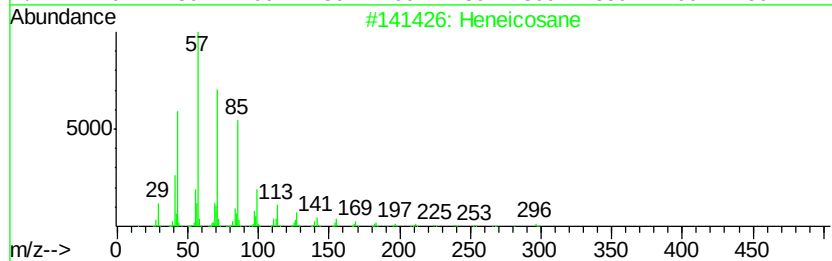
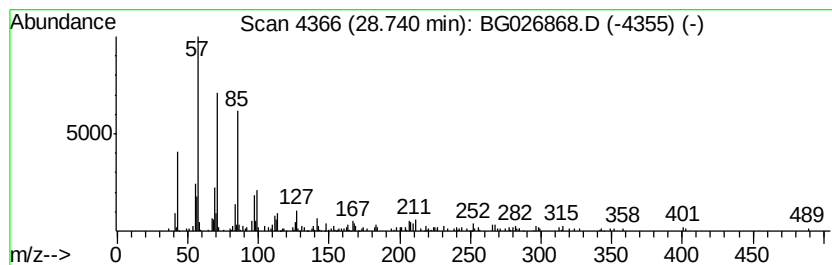
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.74	2.25 ng/ul	301890	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heptadecane	240	C17H36	000629-78-7	89
3		Hexacosane	366	C26H54	000630-01-3	83
4		Heptadecane	240	C17H36	000629-78-7	80
5		Tetracosane	338	C24H50	000646-31-1	80



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050417\
Data File : BG026868.D
Acq On : 4 May 2017 12:10
Operator : SJ/MA
Sample : I2871-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YAB23

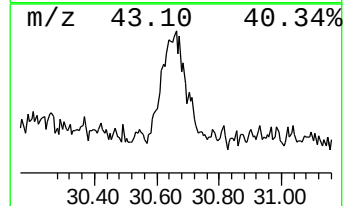
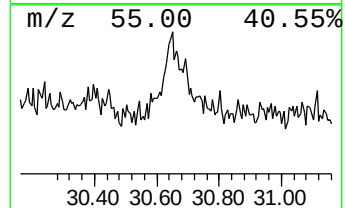
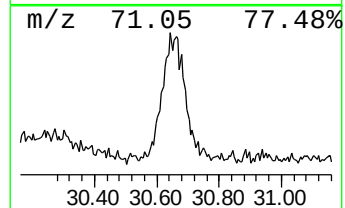
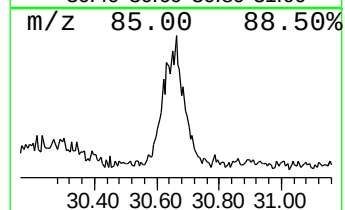
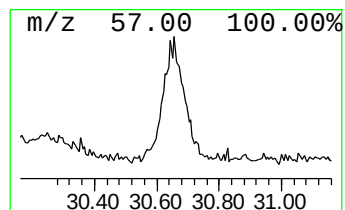
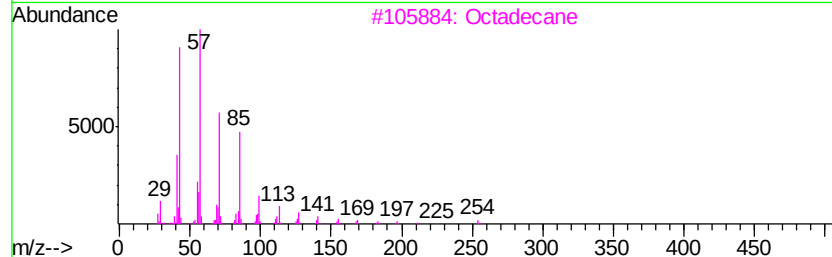
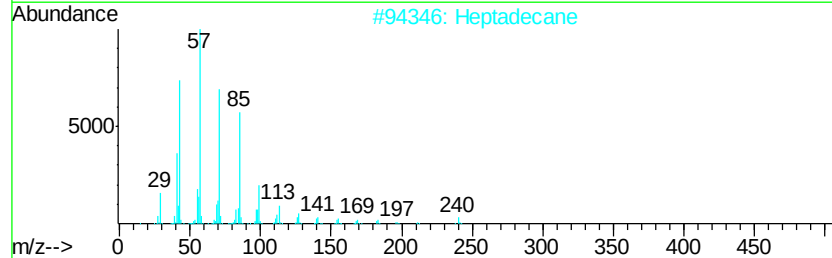
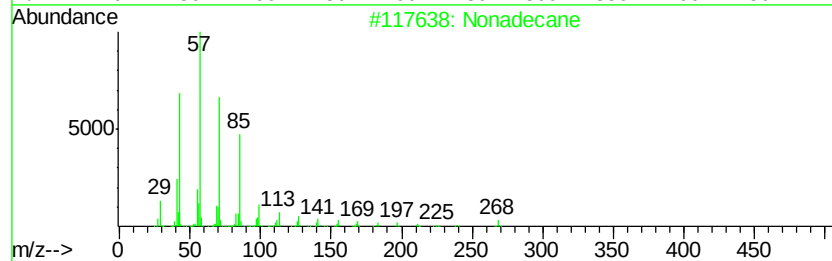
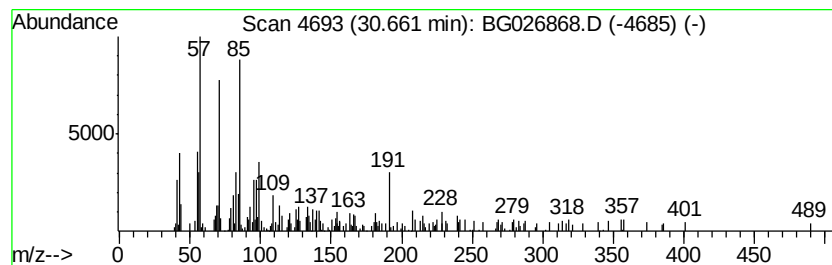
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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.
30.66	2.15 ng/ul	287846	Perylene-d12	24.76

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	83
2	Heptadecane		240	C17H36	000629-78-7	50
3	Octadecane		254	C18H38	000593-45-3	50
4	Heptadecane		240	C17H36	000629-78-7	43
5	Sulfurous acid, butyl pentadecyl...		348	C19H40O3S	1000309-18-2	43



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050417\
Data File : BG026868.D
Acq On : 4 May 2017 12:10
Operator : SJ/MA
Sample : I2871-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YAB23

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	18.23	2.1	ng/ul	226857	4	17.35	2172280	20.0
(DEL) Alkane: Str...	25.84	2.0	ng/ul	273986	6	24.76	2677700	20.0
(DEL) Alkane: Str...	27.15	2.5	ng/ul	340063	6	24.76	2677700	20.0
(DEL) Alkane: Str...	28.74	2.3	ng/ul	301890	6	24.76	2677700	20.0
(DEL) Alkane: Str...	30.66	2.1	ng/ul	287846	6	24.76	2677700	20.0