

Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
 Data File : BG026783.D
 Acq On : 30 Apr 2017 21:37
 Operator : SJ/MA
 Sample : I2846-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHT49

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	3.294	33	35	40	rVB6	7649	8123	0.18%	0.015%
2	3.423	53	57	71	rVB2	39512	66968	1.46%	0.120%
3	4.187	182	187	192	rBV5	8734	13118	0.29%	0.023%
4	4.757	282	284	292	rVB4	4317	6985	0.15%	0.013%
5	5.286	369	374	380	rVB5	3297	6765	0.15%	0.012%
6	6.220	528	533	536	rVB6	5825	8863	0.19%	0.016%
7	7.083	671	680	681	rBV6	5053	14150	0.31%	0.025%
8	7.183	689	697	714	rBV	696370	1331795	29.01%	2.386%
9	7.330	714	722	733	rVB	652769	1057201	23.03%	1.894%
10	7.548	751	759	773	rBV	750939	1331143	28.99%	2.384%
11	8.006	830	837	851	rBV	536687	931069	20.28%	1.668%
12	8.329	888	892	897	rVB5	4318	8470	0.18%	0.015%
13	8.723	948	959	979	rBV	1013153	1840049	40.08%	3.296%
14	9.163	1023	1034	1047	rBV	725175	1299040	28.29%	2.327%
15	9.316	1056	1060	1075	rVB9	10504	32791	0.71%	0.059%
16	9.586	1104	1106	1114	rVB6	6051	11229	0.24%	0.020%
17	9.886	1149	1157	1171	rBV	622689	1135337	24.73%	2.034%
18	10.438	1242	1251	1272	rBV	955447	1819018	39.62%	3.258%
19	10.808	1304	1314	1323	rVB	916430	1645538	35.84%	2.948%
20	10.938	1329	1336	1358	rBV	988089	1929564	42.03%	3.456%
21	12.283	1558	1565	1571	rBV6	4061	9296	0.20%	0.017%
22	12.395	1578	1584	1593	rVB2	19539	36941	0.80%	0.066%
23	13.223	1720	1725	1730	rBV5	11650	20172	0.44%	0.036%
24	13.353	1743	1747	1753	rVB6	3466	7172	0.16%	0.013%
25	13.511	1770	1774	1781	rVB4	4803	8432	0.18%	0.015%
26	14.022	1851	1861	1865	rBV	1865757	2715026	59.14%	4.863%
27	14.069	1865	1869	1877	rVV	618957	898868	19.58%	1.610%
28	14.134	1877	1880	1888	rVB7	5642	11832	0.26%	0.021%
29	14.316	1901	1911	1924	rBV	2190662	3545279	77.22%	6.350%
30	14.510	1938	1944	1950	rVB	24064	32968	0.72%	0.059%
31	14.622	1952	1963	1973	rBV2	1384274	2250492	49.02%	4.031%
32	14.833	1991	1999	2025	rBV	471387	1157251	25.21%	2.073%
33	15.004	2026	2028	2031	rVB4	6238	6794	0.15%	0.012%
34	15.056	2036	2037	2042	rVB5	8956	11074	0.24%	0.020%

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35	15.121	2043	2048	2053	rVB5	10761	16890	0.37%	0.030%
36	15.192	2057	2060	2065	rVB6	6595	11321	0.25%	0.020%
37	15.403	2091	2096	2100	rBV	19446	31712	0.69%	0.057%
38	15.456	2100	2105	2111	rVB2	57027	77481	1.69%	0.139%
39	15.521	2111	2116	2118	rBV6	4935	7963	0.17%	0.014%
40	15.609	2123	2131	2141	rBV	2850499	4274425	93.10%	7.656%
41	15.726	2145	2151	2163	rBV	802100	1180126	25.70%	2.114%
42	15.844	2166	2171	2177	rVB4	51519	95637	2.08%	0.171%
43	15.897	2178	2180	2185	rVV5	7715	8861	0.19%	0.016%
44	15.950	2185	2189	2193	rVB6	10445	13706	0.30%	0.025%
45	16.008	2195	2199	2206	rVB5	10339	16161	0.35%	0.029%
46	16.073	2206	2210	2213	rBV3	10128	13325	0.29%	0.024%
47	16.185	2227	2229	2235	rVB7	4427	8642	0.19%	0.015%
48	16.261	2237	2242	2244	rBV5	7490	9149	0.20%	0.016%
49	16.308	2244	2250	2260	rBV	77095	143643	3.13%	0.257%
50	16.384	2262	2263	2268	rVB5	7876	6775	0.15%	0.012%
51	16.484	2276	2280	2285	rVB8	9805	13666	0.30%	0.024%
52	16.561	2288	2293	2299	rBV7	7979	15842	0.35%	0.028%
53	16.655	2303	2309	2315	rBV7	11985	26650	0.58%	0.048%
54	16.713	2317	2319	2322	rVB2	8700	6826	0.15%	0.012%
55	16.766	2322	2328	2332	rVV8	8186	14501	0.32%	0.026%
56	16.819	2332	2337	2341	rVB6	8558	12210	0.27%	0.022%
57	16.884	2344	2348	2350	rBV3	8038	9299	0.20%	0.017%
58	16.913	2351	2353	2357	rVB4	5201	6848	0.15%	0.012%
59	16.960	2357	2361	2366	rBV6	4614	8393	0.18%	0.015%
60	17.101	2377	2385	2390	rVV	53962	80516	1.75%	0.144%
61	17.154	2390	2394	2406	rVV5	23603	48264	1.05%	0.086%
62	17.260	2406	2412	2417	rVB8	10528	16852	0.37%	0.030%
63	17.354	2420	2428	2435	rBV2	1641732	2396988	52.21%	4.294%
64	17.454	2438	2445	2461	rVB	2850517	4295576	93.56%	7.694%
65	17.577	2462	2466	2469	rVB6	4897	8184	0.18%	0.015%
66	17.630	2469	2475	2482	rVB10	8624	19088	0.42%	0.034%
67	17.695	2482	2486	2491	rBV7	5287	7261	0.16%	0.013%
68	17.759	2491	2497	2504	rVB7	6888	13337	0.29%	0.024%
69	17.836	2504	2510	2515	rBV2	25728	36047	0.79%	0.065%
70	18.012	2535	2540	2544	rVB7	4794	7782	0.17%	0.014%
71	18.118	2553	2558	2562	rBV8	8162	17341	0.38%	0.031%

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72	18.235	2569	2578	2587	rBV	305249	507778	11.06%	0.910%
73	18.523	2624	2627	2632	rBV6	8517	17592	0.38%	0.032%
74	18.652	2643	2649	2652	rVB7	9597	13416	0.29%	0.024%
75	19.152	2732	2734	2741	rVB8	5711	10066	0.22%	0.018%
76	19.228	2744	2747	2752	rVV7	4866	7515	0.16%	0.013%
77	19.304	2753	2760	2762	rBV8	5288	10706	0.23%	0.019%
78	19.369	2765	2771	2780	rBV2	40210	89960	1.96%	0.161%
79	19.498	2789	2793	2809	rBV4	120228	261672	5.70%	0.469%
80	19.622	2809	2814	2823	rVB2	27697	65456	1.43%	0.117%
81	19.733	2826	2833	2845	rBV	3209021	4540635	98.90%	8.133%
82	19.986	2874	2876	2881	rBV5	7172	14063	0.31%	0.025%
83	20.315	2930	2932	2937	rBV6	9934	12841	0.28%	0.023%
84	20.385	2941	2944	2947	rBV4	7591	8619	0.19%	0.015%
85	20.626	2983	2985	2991	rVB5	11264	13104	0.29%	0.023%
86	20.738	3000	3004	3007	rBV5	15627	20537	0.45%	0.037%
87	20.861	3022	3025	3027	rVB2	9620	12129	0.26%	0.022%
88	21.155	3072	3075	3081	rBV7	10596	20952	0.46%	0.038%
89	21.408	3110	3118	3126	rBV7	27600	120344	2.62%	0.216%
90	21.596	3143	3150	3163	rBV	1569297	2553624	55.62%	4.574%
91	22.366	3276	3281	3286	rBV2	31954	63367	1.38%	0.114%
92	23.041	3391	3396	3406	rVB3	61143	126425	2.75%	0.226%
93	23.229	3423	3428	3436	rBV4	36191	69303	1.51%	0.124%
94	23.823	3522	3529	3538	rVB2	103699	195863	4.27%	0.351%
95	24.545	3640	3652	3665	rBV2	1637175	4591180	100.00%	8.224%
96	24.751	3676	3687	3703	rBV	1039448	2908727	63.35%	5.210%
97	25.838	3863	3872	3881	rBV3	115089	360812	7.86%	0.646%
98	27.148	4085	4095	4111	rBV5	105114	384456	8.37%	0.689%
99	28.740	4355	4366	4379	rVB5	76408	297228	6.47%	0.532%
100	30.662	4674	4693	4709	rBV7	62273	343127	7.47%	0.615%

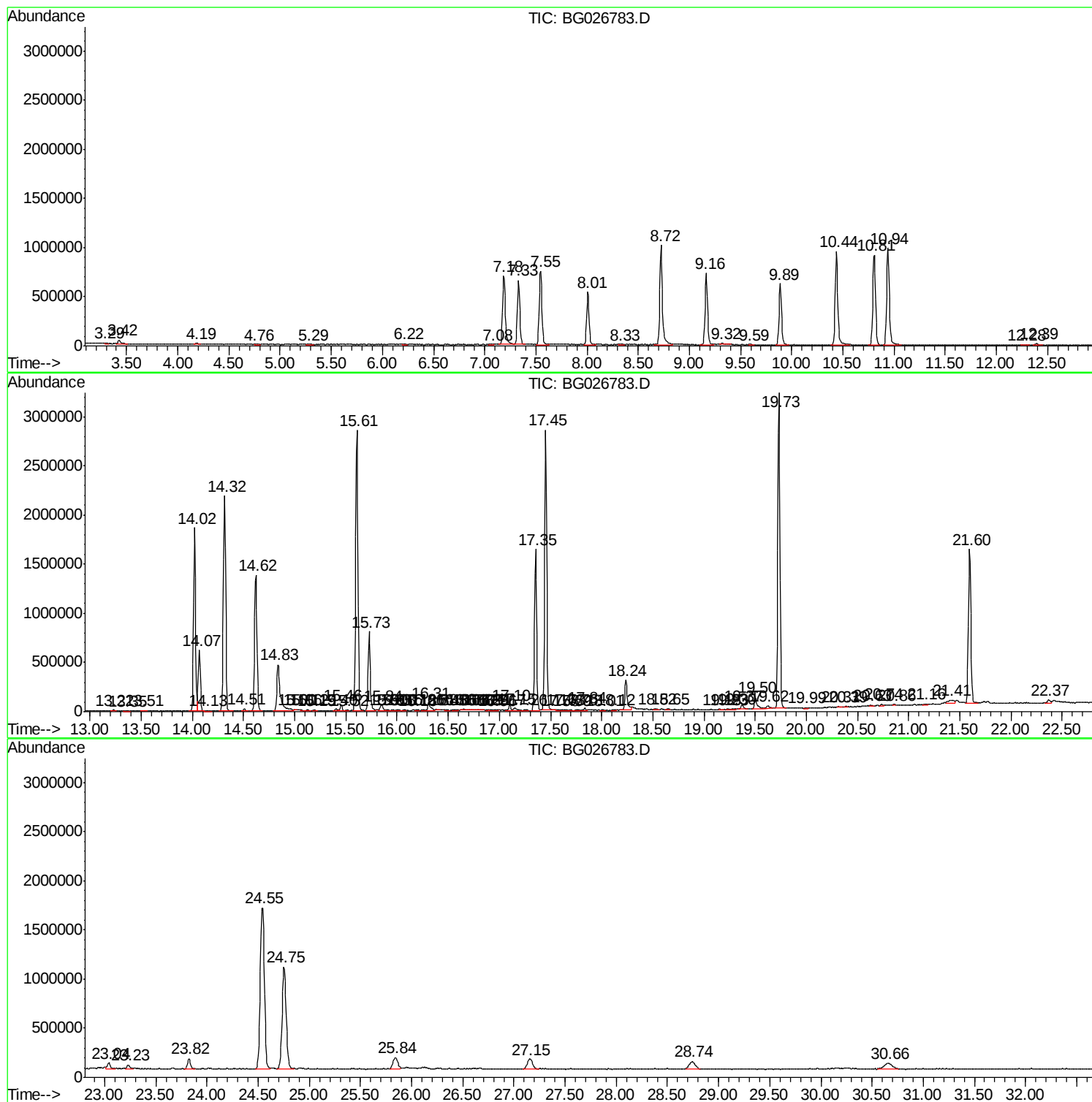
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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



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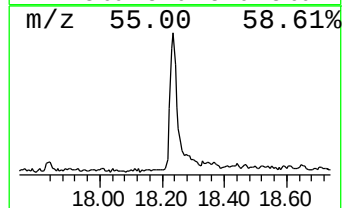
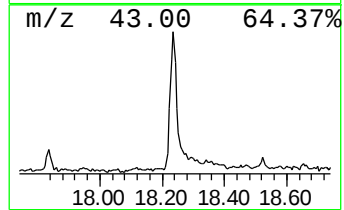
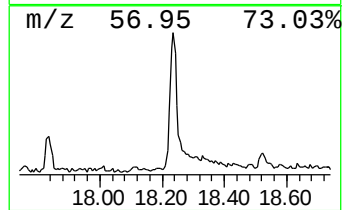
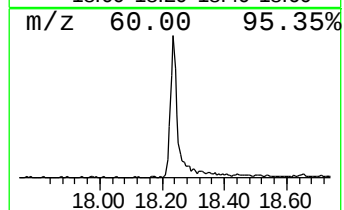
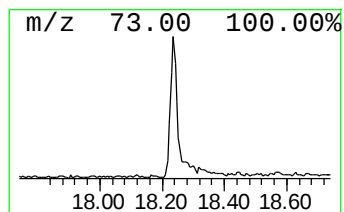
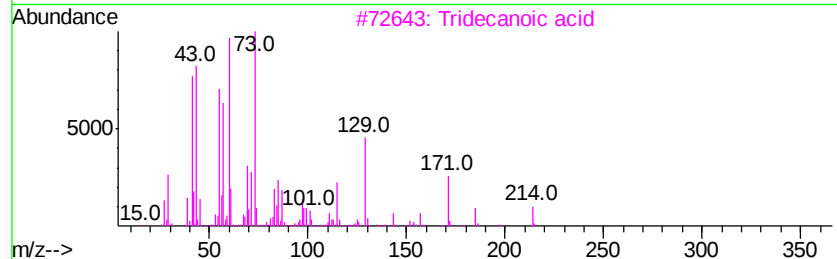
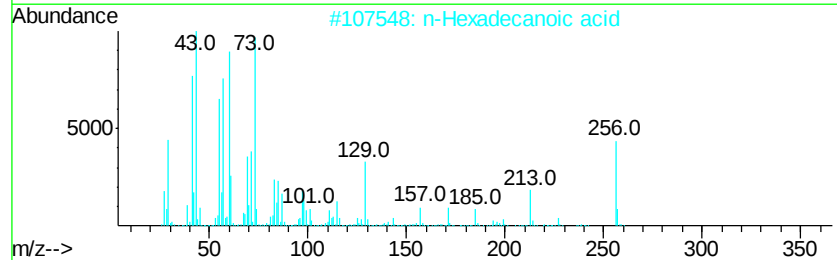
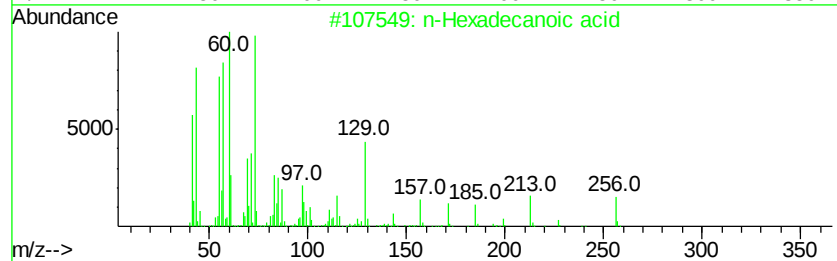
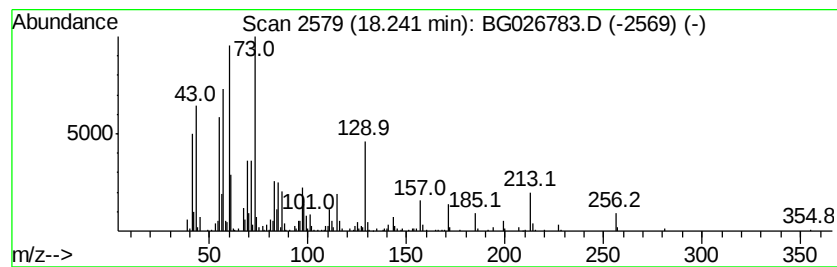
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	4.24 ng/ul	507778	Phenanthrene-d10	17.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3		Tridecanoic acid	214	C13H26O2	000638-53-9	90
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	80



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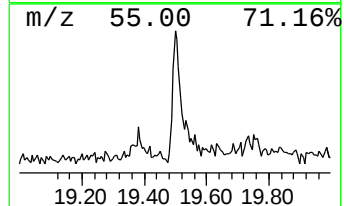
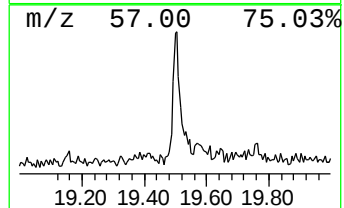
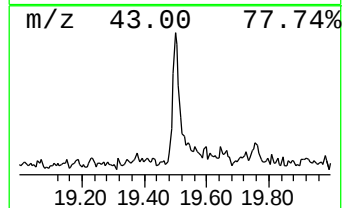
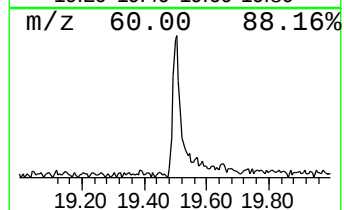
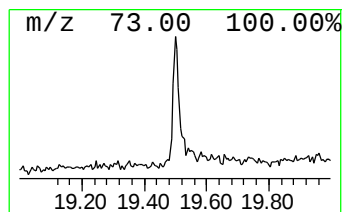
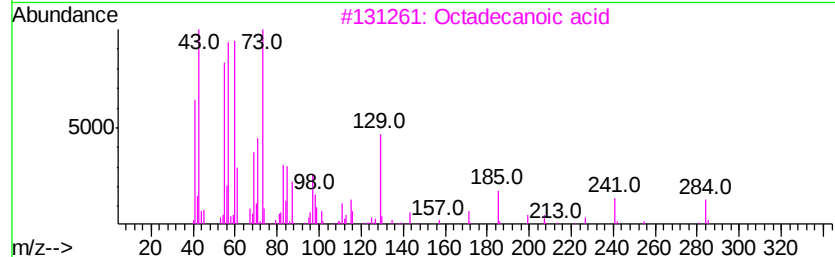
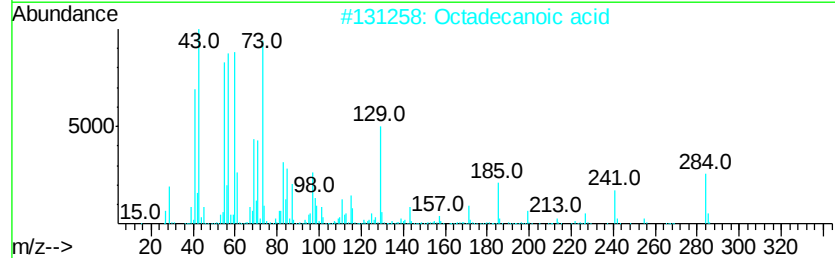
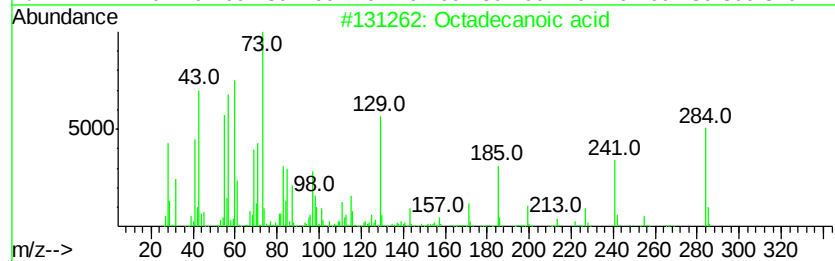
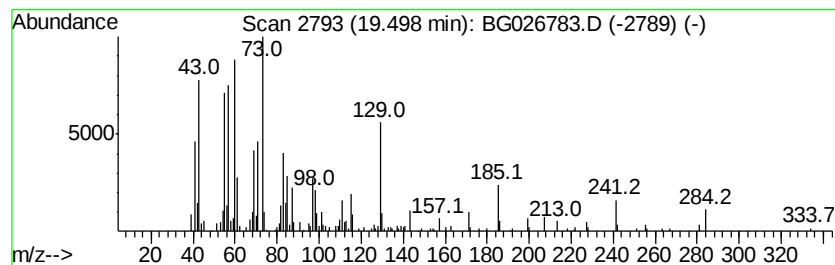
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.50	2.05 ng/ul	261672	Chrysene-d12	21.60

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99	
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99	
3	Octadecanoic acid	284	C18H36O2	000057-11-4	98	
4	Octadecanoic acid	284	C18H36O2	000057-11-4	96	
5	Octadecanoic acid	284	C18H36O2	000057-11-4	93	



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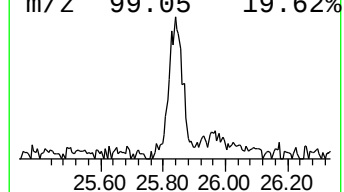
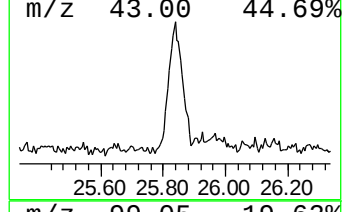
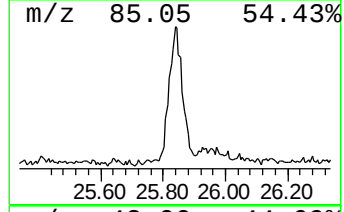
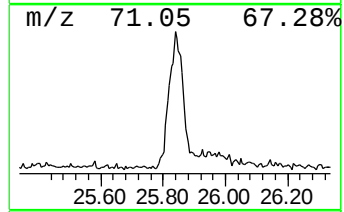
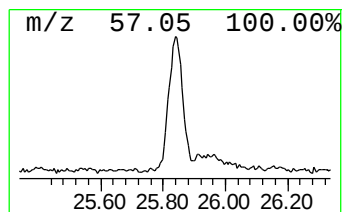
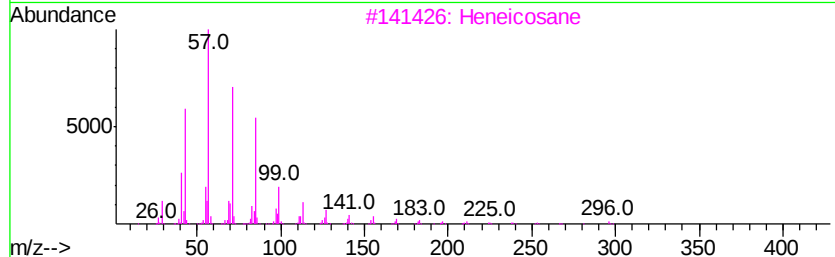
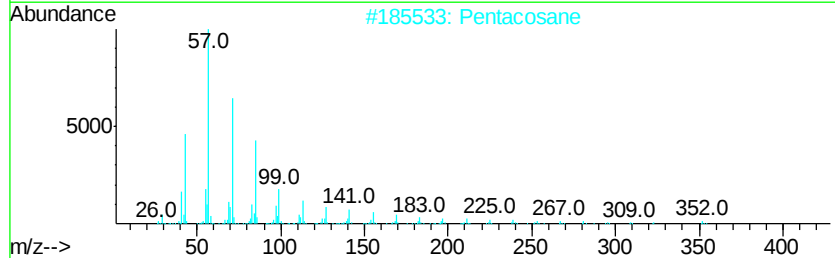
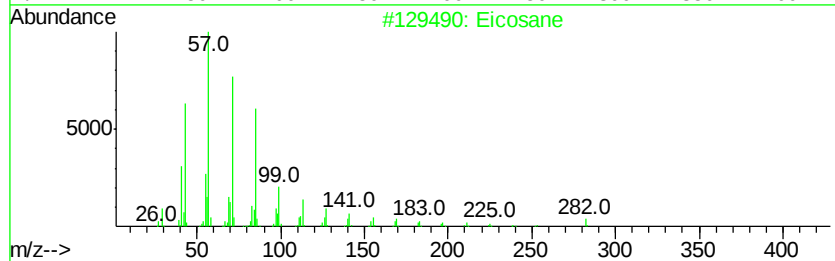
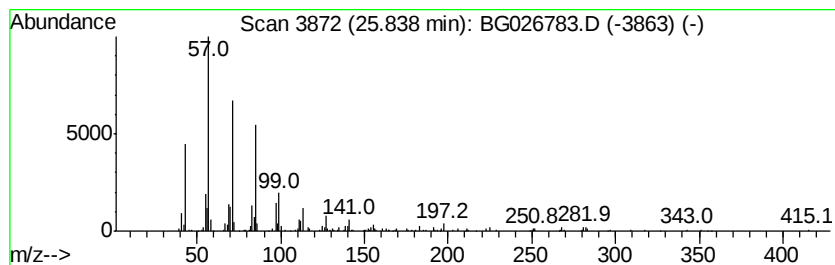
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.84	2.48 ng/ul	360812	Perylene-d12	24.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Pentacosane	352	C25H52	000629-99-2	91
3		Heneicosane	296	C21H44	000629-94-7	90
4		Benzene, 1-chlorodifluoromethoxy...	223	C7H4ClF2NO3	040750-71-8	90
5		2-methyloctacosane	408	C29H60	1000376-72-8	87



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Operator : SJ/MA
Sample : I2846-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHT49

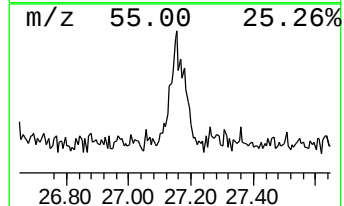
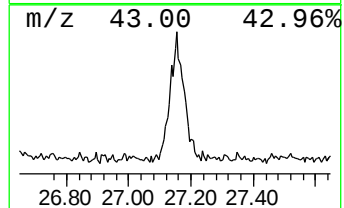
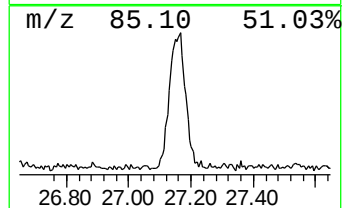
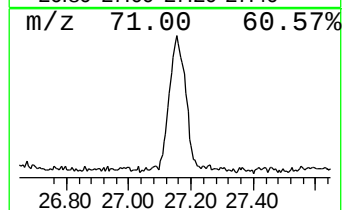
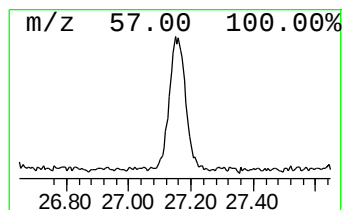
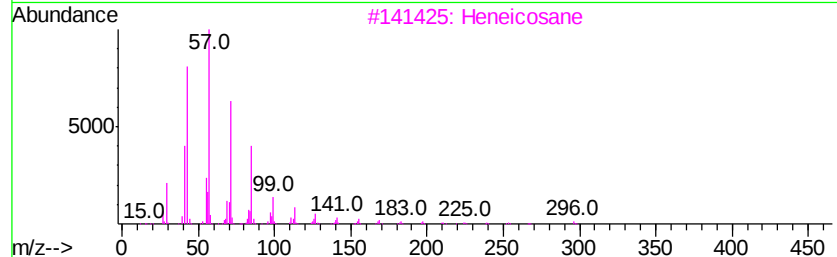
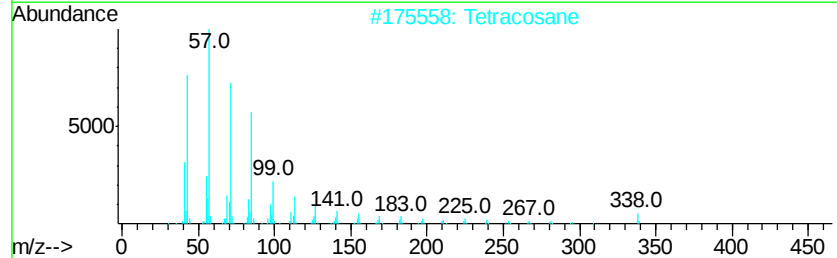
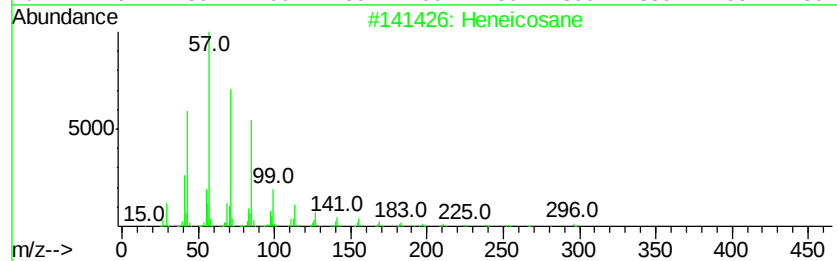
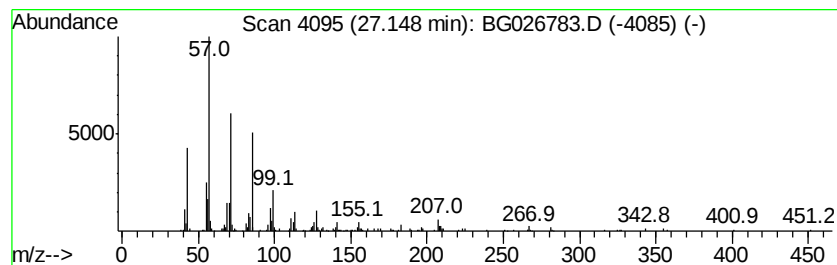
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Quant Title : SVOA CALIBRATION

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.
27.15	2.64 ng/ul	384456	Perylene-d12	24.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Tetracosane	338	C24H50	000646-31-1	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Hexacosane	366	C26H54	000630-01-3	87
5		Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026783.D
Acq On : 30 Apr 2017 21:37
Operator : SJ/MA
Sample : I2846-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHT49

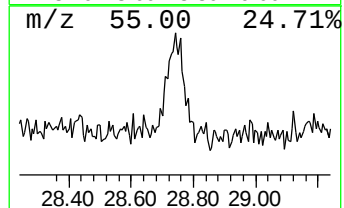
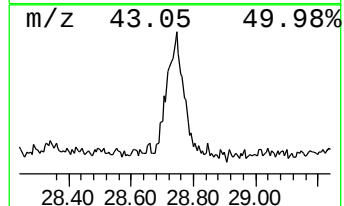
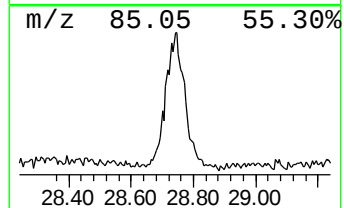
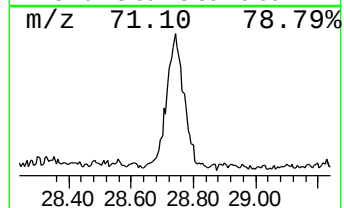
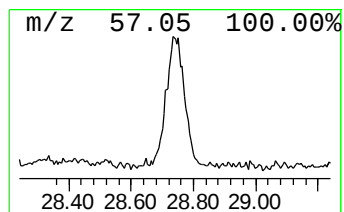
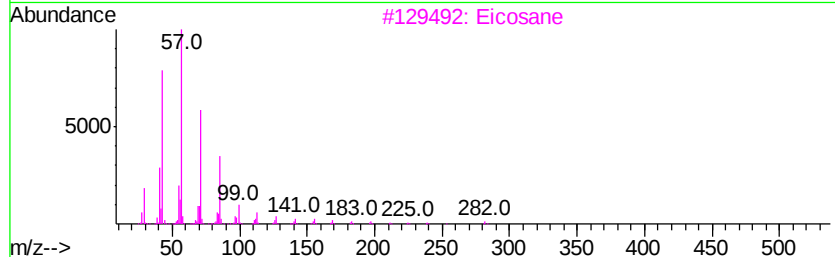
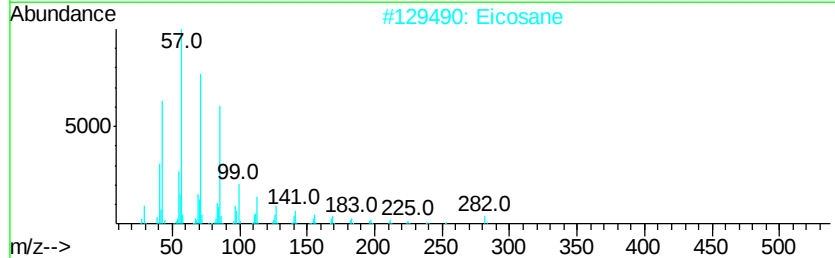
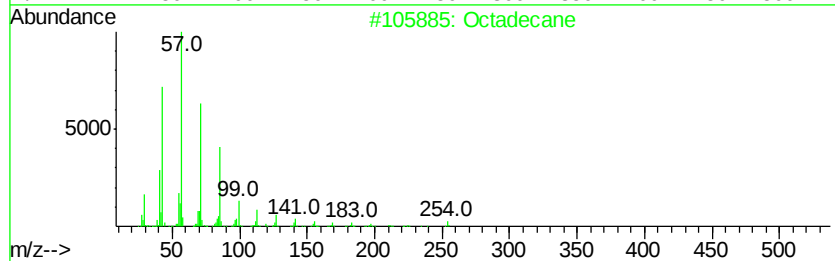
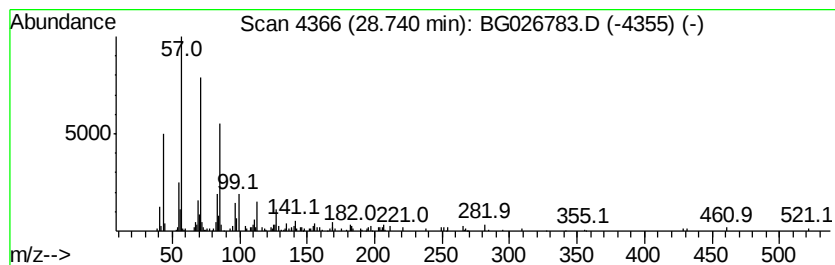
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.74	2.04 ng/ul	297228	Perylene-d12	24.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	96
2		Eicosane	282	C20H42	000112-95-8	95
3		Eicosane	282	C20H42	000112-95-8	93
4		Octadecane	254	C18H38	000593-45-3	93
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
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Sample : I2846-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHT49

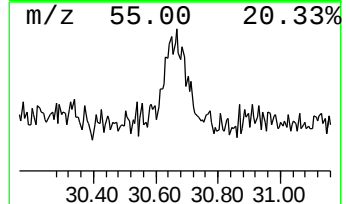
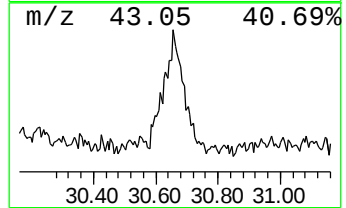
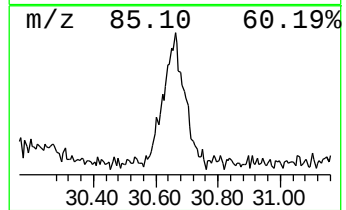
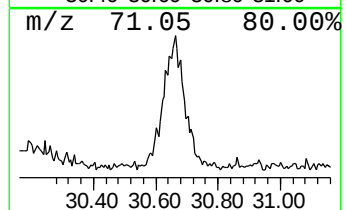
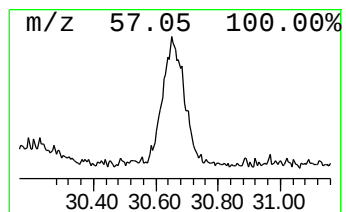
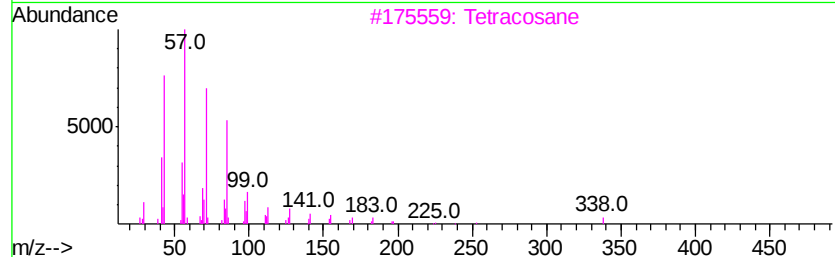
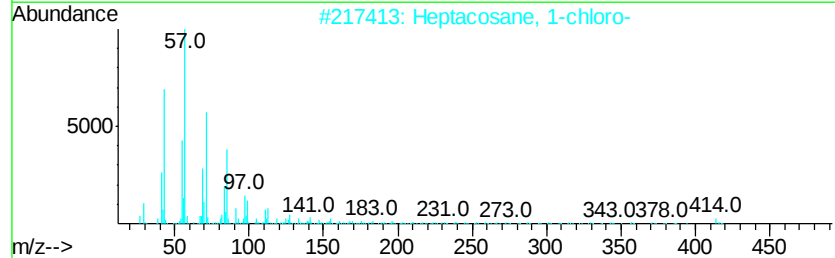
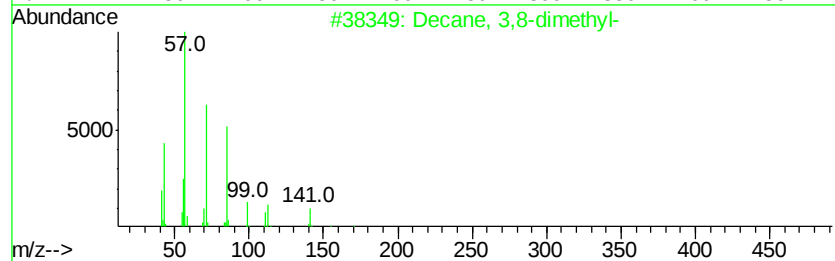
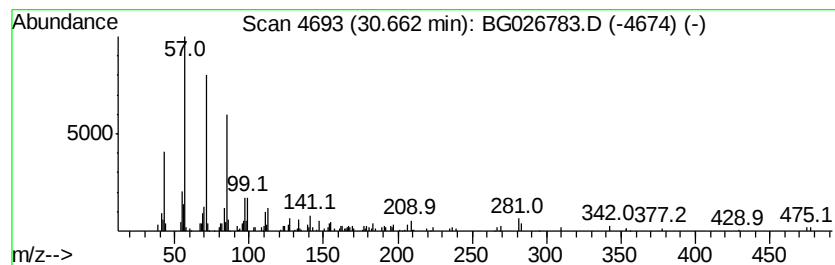
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.66	2.36 ng/ul	343127	Perylene-d12	24.75

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	93
2			Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	86
3			Tetracosane	338	C24H50	000646-31-1	83
4			Heneicosane	296	C21H44	000629-94-7	83
5			triacontane	422	C30H62	000638-68-6	80



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG043017\
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHT49

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	4.2	ng/ul	507778	4	17.35	2396990	20.0
Octadecanoic acid	19.50	2.0	ng/ul	261672	5	21.60	2553620	20.0
(DEL) Alkane: Str...	25.84	2.5	ng/ul	360812	6	24.75	2908730	20.0
(DEL) Alkane: Str...	27.15	2.6	ng/ul	384456	6	24.75	2908730	20.0
(DEL) Alkane: Str...	28.74	2.0	ng/ul	297228	6	24.75	2908730	20.0
(DEL) Alkane: Str...	30.66	2.4	ng/ul	343127	6	24.75	2908730	20.0