

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
 Data File : BG026829.D
 Acq On : 2 May 2017 5:41
 Operator : SJ/MA
 Sample : I2867-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHT74

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	3.428	54	58	69	rVB	44402	74396	1.62%	0.132%
2	7.189	691	698	715	rBV	704956	1380654	30.02%	2.457%
3	7.330	715	722	733	rVB	638965	1056917	22.98%	1.881%
4	7.547	752	759	772	rBV	788044	1339398	29.13%	2.383%
5	8.011	830	838	847	rBV	522104	910746	19.80%	1.620%
6	8.722	952	959	979	rVB	933372	1806909	39.29%	3.215%
7	9.169	1026	1035	1052	rBV	741220	1362212	29.62%	2.424%
8	9.322	1056	1061	1070	rVB4	20040	50834	1.11%	0.090%
9	9.891	1151	1158	1168	rBV	626997	1121340	24.38%	1.995%
10	10.438	1243	1251	1279	rVB	981700	1892875	41.16%	3.368%
11	10.808	1306	1314	1326	rVB	914983	1651444	35.91%	2.938%
12	10.943	1328	1337	1359	rVB	920642	1759825	38.27%	3.131%
13	11.813	1480	1485	1491	rVB8	3994	8138	0.18%	0.014%
14	12.289	1562	1566	1571	rVB5	5099	9462	0.21%	0.017%
15	12.389	1578	1583	1594	rVB3	20548	44102	0.96%	0.078%
16	12.612	1616	1621	1625	rVB6	3767	7491	0.16%	0.013%
17	12.941	1671	1677	1682	rVB6	3815	8715	0.19%	0.016%
18	13.229	1721	1726	1731	rBV4	8940	12889	0.28%	0.023%
19	13.376	1743	1751	1755	rVV5	3208	7929	0.17%	0.014%
20	13.440	1755	1762	1766	rVB5	4729	9856	0.21%	0.018%
21	13.523	1772	1776	1781	rVV6	5060	8459	0.18%	0.015%
22	13.599	1781	1789	1796	rVB8	6285	17144	0.37%	0.031%
23	14.022	1849	1861	1866	rBV	1858746	2752433	59.85%	4.897%
24	14.069	1866	1869	1878	rVV	515939	697109	15.16%	1.240%
25	14.134	1878	1880	1888	rVB6	4983	7046	0.15%	0.013%
26	14.316	1897	1911	1920	rBV	2362662	3672748	79.86%	6.535%
27	14.510	1937	1944	1951	rBV3	23251	35506	0.77%	0.063%
28	14.621	1951	1963	1973	rBV2	1414367	2244606	48.81%	3.994%
29	14.839	1993	2000	2025	rBV	493212	1199645	26.09%	2.135%
30	15.003	2026	2028	2031	rVV3	11447	17161	0.37%	0.031%
31	15.033	2031	2033	2042	rVB8	13762	30190	0.66%	0.054%
32	15.121	2043	2048	2057	rVV8	13257	27224	0.59%	0.048%
33	15.185	2057	2059	2065	rVB5	5689	8834	0.19%	0.016%
34	15.409	2092	2097	2101	rVV2	25489	39430	0.86%	0.070%

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35	15.456	2101	2105	2111	rVB	64632	79249	1.72%	0.141%
36	15.508	2111	2114	2119	rBV6	4435	8556	0.19%	0.015%
37	15.608	2122	2131	2141	rVB	2698571	4226920	91.92%	7.521%
38	15.732	2141	2152	2165	rBV	768985	1157466	25.17%	2.059%
39	15.849	2165	2172	2178	rVV4	49783	103129	2.24%	0.183%
40	15.902	2178	2181	2185	rVB5	11283	12949	0.28%	0.023%
41	15.961	2187	2191	2195	rVB5	13224	18453	0.40%	0.033%
42	16.008	2195	2199	2206	rBV7	11893	19279	0.42%	0.034%
43	16.078	2206	2211	2215	rVV6	11669	14227	0.31%	0.025%
44	16.313	2246	2251	2261	rBV	80556	153749	3.34%	0.274%
45	16.484	2277	2280	2288	rVV9	6980	9469	0.21%	0.017%
46	16.560	2288	2293	2298	rVB8	5866	12593	0.27%	0.022%
47	16.654	2304	2309	2317	rVB7	12787	25420	0.55%	0.045%
48	16.713	2317	2319	2323	rVV4	7253	6718	0.15%	0.012%
49	16.760	2323	2327	2333	rVV7	12338	24638	0.54%	0.044%
50	16.825	2333	2338	2343	rVB8	9396	12189	0.27%	0.022%
51	16.889	2345	2349	2353	rBV6	10229	17318	0.38%	0.031%
52	17.101	2377	2385	2389	rVV	64907	83381	1.81%	0.148%
53	17.154	2389	2394	2405	rVB6	27708	61485	1.34%	0.109%
54	17.259	2405	2412	2416	rBV8	12386	19818	0.43%	0.035%
55	17.359	2417	2429	2437	rBV	1557836	2337796	50.84%	4.160%
56	17.453	2437	2445	2454	rVB2	2663860	4165711	90.58%	7.412%
57	17.571	2463	2465	2470	rVB6	5314	7943	0.17%	0.014%
58	17.629	2471	2475	2482	rVB9	8789	16409	0.36%	0.029%
59	17.759	2491	2497	2501	rVB8	9108	16936	0.37%	0.030%
60	17.835	2501	2510	2523	rBV	46640	126047	2.74%	0.224%
61	18.011	2535	2540	2543	rVB4	10745	14224	0.31%	0.025%
62	18.117	2553	2558	2564	rBV8	11972	29035	0.63%	0.052%
63	18.235	2572	2578	2594	rBV2	314182	574990	12.50%	1.023%
64	18.429	2610	2611	2615	rVB4	6530	7969	0.17%	0.014%
65	18.470	2615	2618	2623	rBV7	10290	13623	0.30%	0.024%
66	18.528	2623	2628	2633	rVB3	24504	36026	0.78%	0.064%
67	18.587	2634	2638	2645	rVV9	9060	17608	0.38%	0.031%
68	18.652	2645	2649	2654	rVV7	20220	25045	0.54%	0.045%
69	18.728	2661	2662	2666	rBV4	7910	9232	0.20%	0.016%
70	19.151	2730	2734	2742	rBV3	16799	23918	0.52%	0.043%
71	19.374	2764	2772	2781	rBV3	47305	113375	2.47%	0.202%

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72	19.433	2781	2782	2788	rVB6	8320	11624	0.25%	0.021%
73	19.504	2788	2794	2808	rBV2	181274	359394	7.82%	0.639%
74	19.621	2810	2814	2822	rVB	27569	53569	1.16%	0.095%
75	19.739	2826	2834	2844	rBV	2978066	4453485	96.84%	7.924%
76	20.127	2897	2900	2904	rVB6	8282	10436	0.23%	0.019%
77	20.256	2918	2922	2927	rVB4	23966	32977	0.72%	0.059%
78	20.320	2930	2933	2936	rBV5	8074	10122	0.22%	0.018%
79	20.561	2972	2974	2980	rBV6	8976	18537	0.40%	0.033%
80	20.691	2993	2996	3000	rVB6	10235	13660	0.30%	0.024%
81	20.743	3001	3005	3009	rVV4	31982	38532	0.84%	0.069%
82	20.861	3022	3025	3028	rVB4	15798	16974	0.37%	0.030%
83	21.243	3086	3090	3094	rVB2	35832	41597	0.90%	0.074%
84	21.390	3110	3115	3120	rBV9	17534	48309	1.05%	0.086%
85	21.601	3144	3151	3164	rVB	1490480	2406003	52.32%	4.281%
86	21.742	3172	3175	3176	rBV3	10647	12464	0.27%	0.022%
87	21.778	3179	3181	3188	rVB5	26536	35970	0.78%	0.064%
88	22.371	3277	3282	3287	rBV2	60537	99419	2.16%	0.177%
89	22.747	3342	3346	3352	rVB8	19130	31686	0.69%	0.056%
90	23.047	3390	3397	3405	rVB2	65736	125693	2.73%	0.224%
91	23.235	3424	3429	3438	rVB2	55408	109408	2.38%	0.195%
92	23.828	3524	3530	3540	rVB2	123478	250927	5.46%	0.446%
93	24.551	3642	3653	3672	rBV2	1597843	4598715	100.00%	8.183%
94	24.762	3678	3689	3709	rVB2	1021000	2868308	62.37%	5.104%
95	25.855	3865	3875	3886	rBV3	132206	395280	8.60%	0.703%
96	27.159	4088	4097	4112	rVB3	122036	431801	9.39%	0.768%
97	28.758	4359	4369	4382	rVB3	89801	368900	8.02%	0.656%
98	30.103	4595	4598	4600	rBV4	12344	17880	0.39%	0.032%
99	30.679	4685	4696	4713	rVB5	74969	337021	7.33%	0.600%
100	31.419	4812	4822	4839	rVB5	28145	126499	2.75%	0.225%

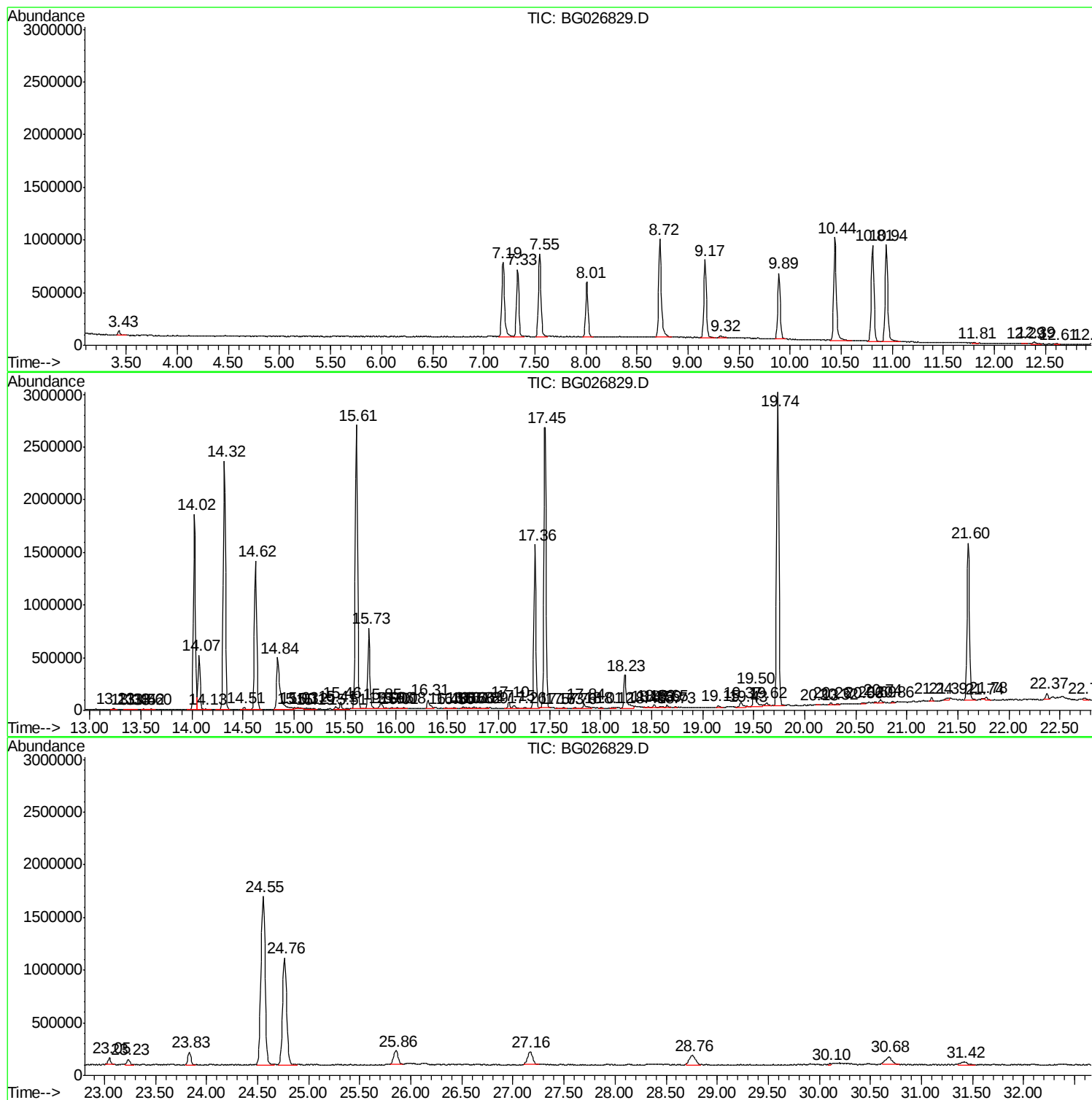
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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



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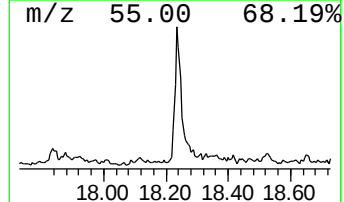
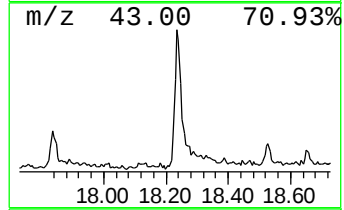
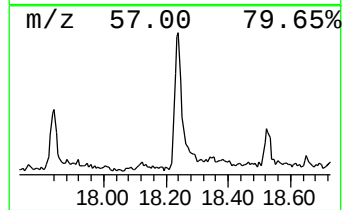
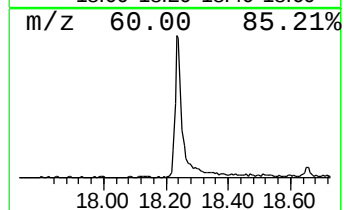
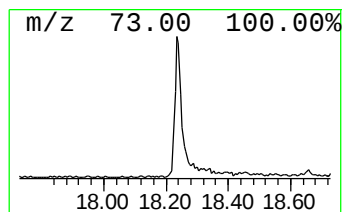
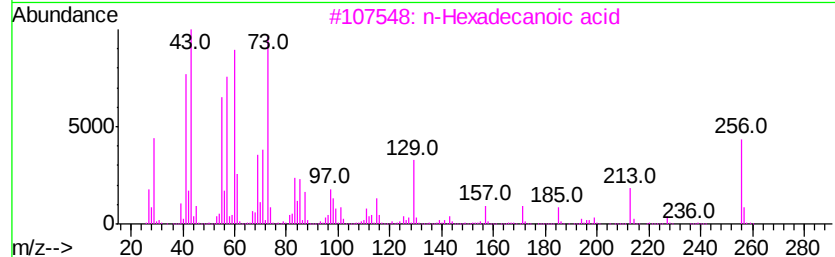
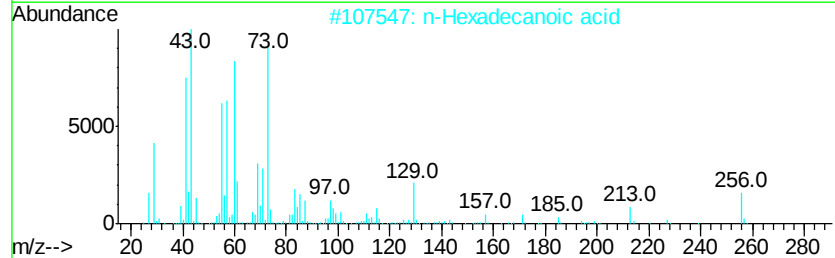
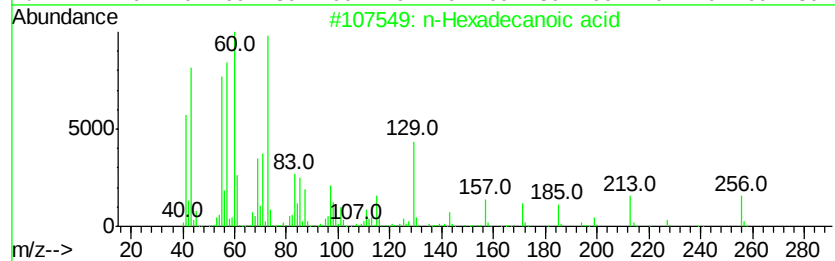
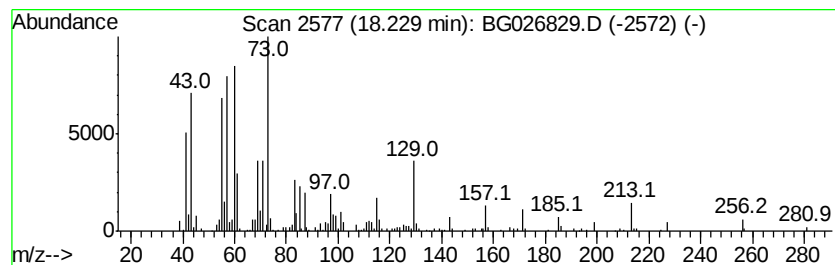
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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.		
18.23	4.92 ng/ul	574990	Phenanthrene-d10	17.36		
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	98	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	91	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	91	



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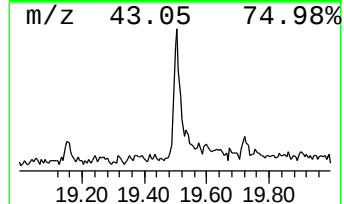
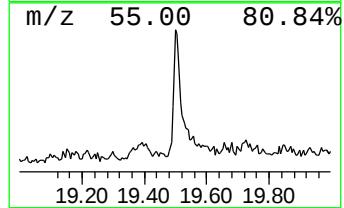
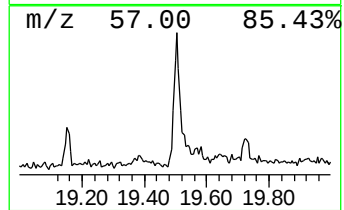
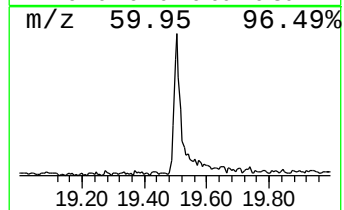
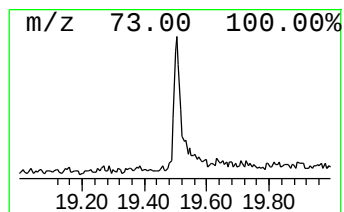
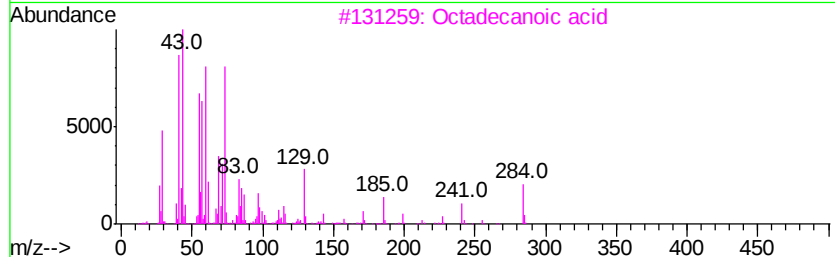
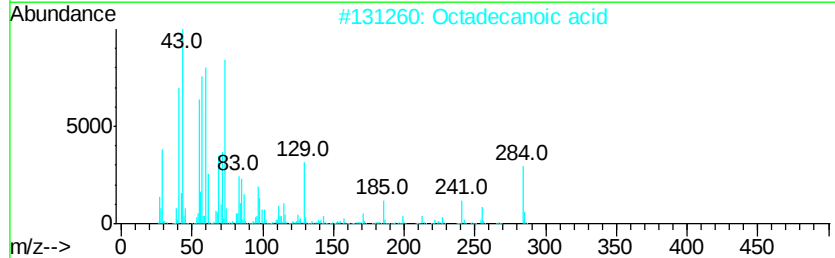
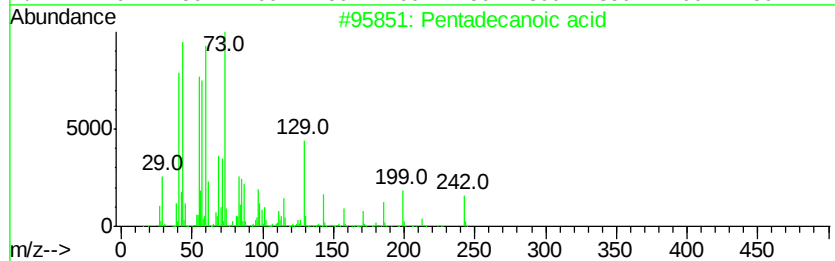
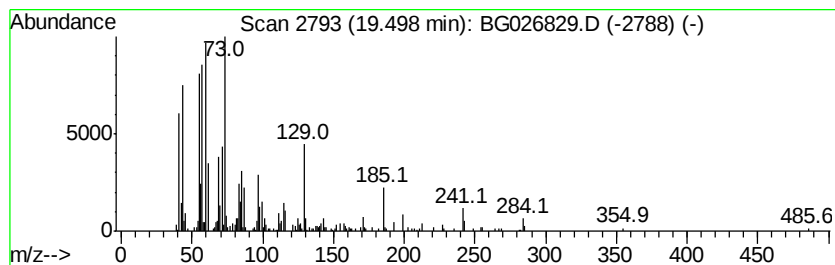
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Pentadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.50	2.99 ng/ul	359394	Chrysene-d12	21.60

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid		242	C15H30O2	001002-84-2	94
2	Octadecanoic acid		284	C18H36O2	000057-11-4	94
3	Octadecanoic acid		284	C18H36O2	000057-11-4	94
4	Octadecanoic acid		284	C18H36O2	000057-11-4	92
5	Pentadecanoic acid		242	C15H30O2	001002-84-2	91



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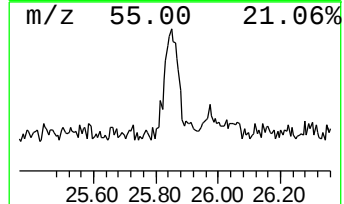
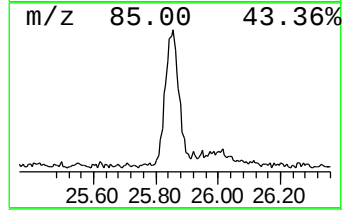
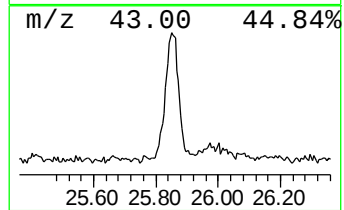
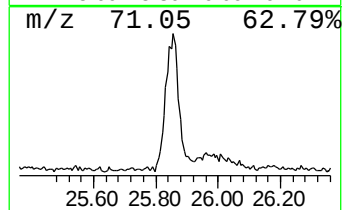
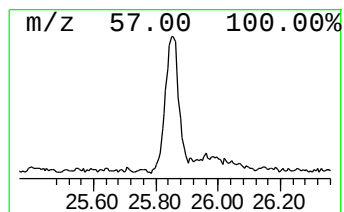
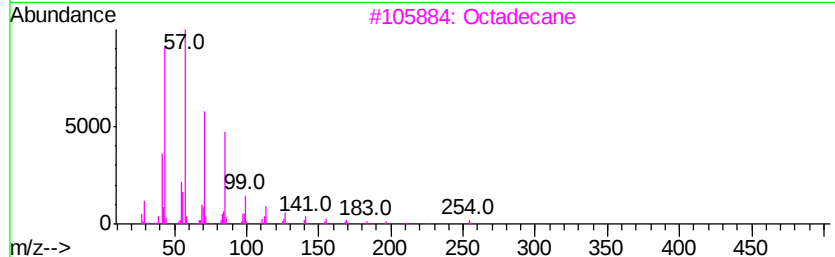
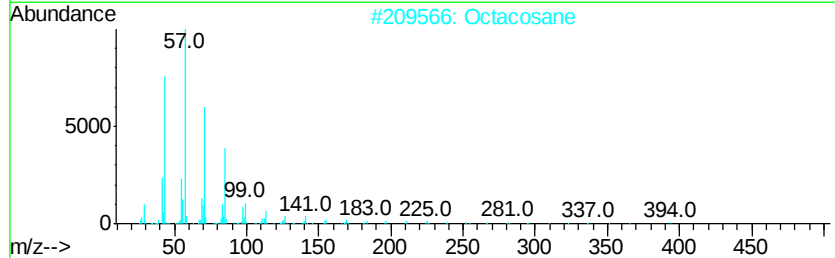
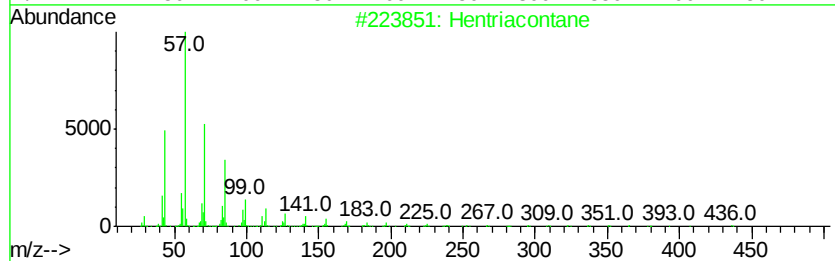
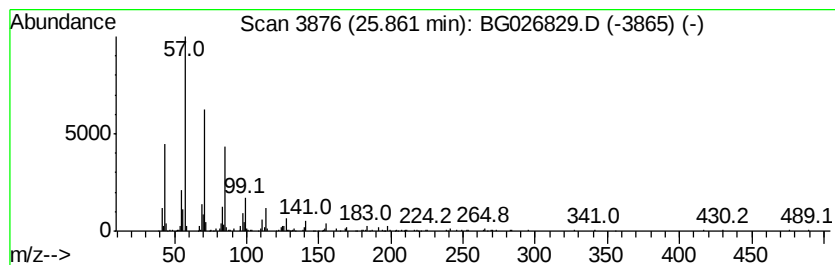
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.86	2.76 ng/ul	395280	Perylene-d12	24.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hentriacontane	437	C31H64	000630-04-6	90
2			Octacosane	394	C28H58	000630-02-4	87
3			Octadecane	254	C18H38	000593-45-3	87
4			Eicosane	282	C20H42	000112-95-8	87
5			Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
Data File : BG026829.D
Acq On : 2 May 2017 5:41
Operator : SJ/MA
Sample : I2867-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHT74

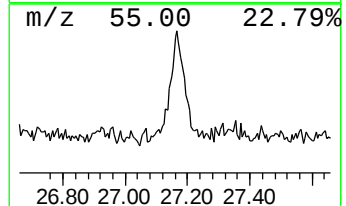
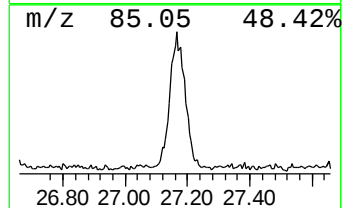
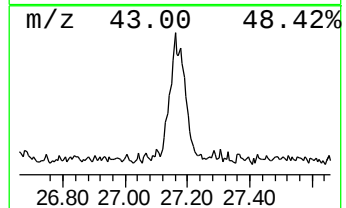
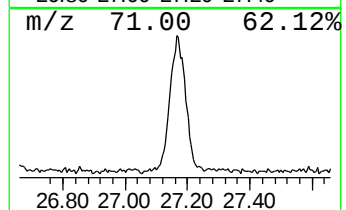
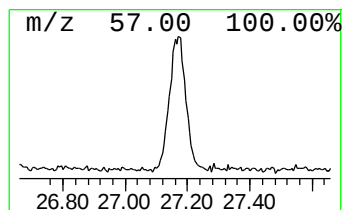
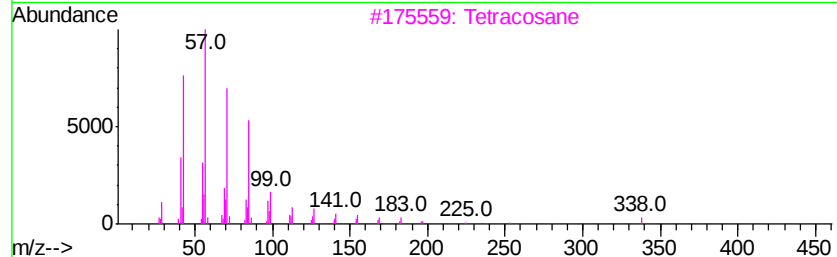
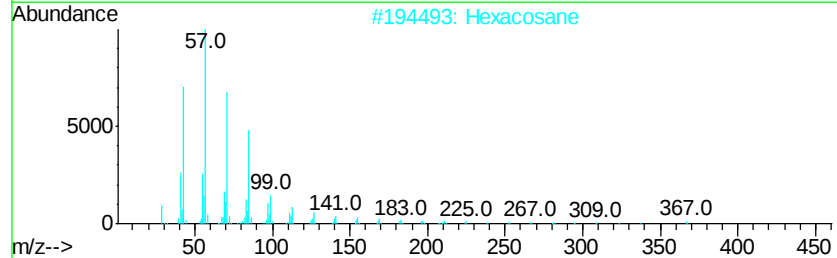
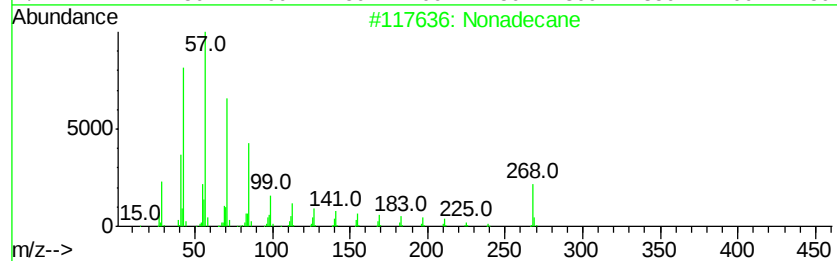
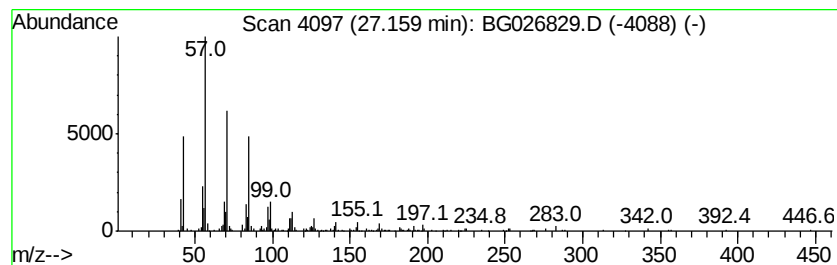
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Quant Title : SVOA CALIBRATION

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.
27.16	3.01 ng/ul	431801	Perylene-d12	24.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	91
2			Hexacosane	366	C26H54	000630-01-3	90
3			Tetracosane	338	C24H50	000646-31-1	90
4			Tetratetracontane	619	C44H90	007098-22-8	90
5			Hentriacontane	437	C31H64	000630-04-6	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
Data File : BG026829.D
Acq On : 2 May 2017 5:41
Operator : SJ/MA
Sample : I2867-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHT74

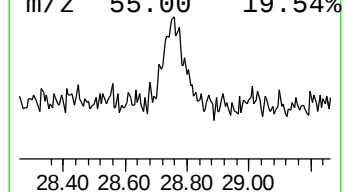
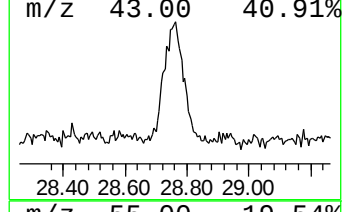
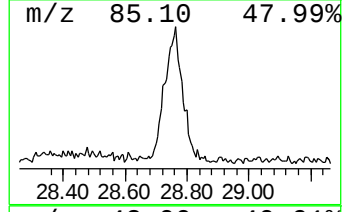
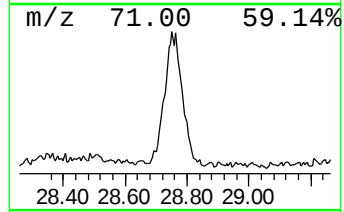
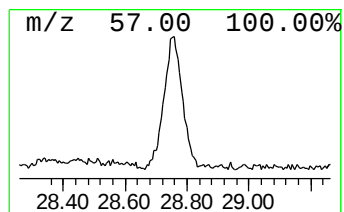
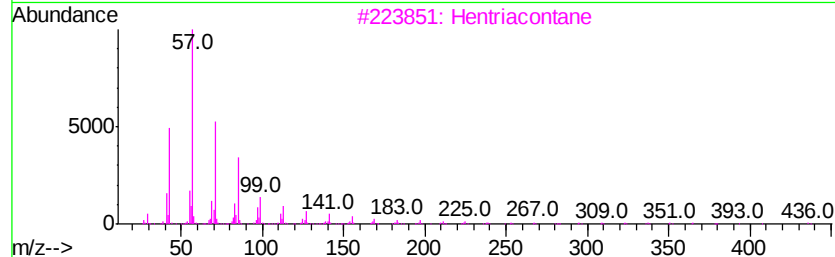
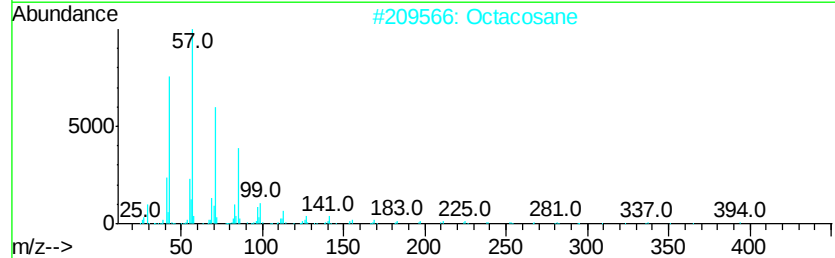
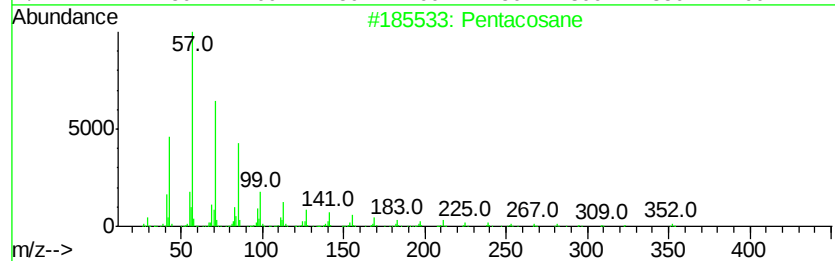
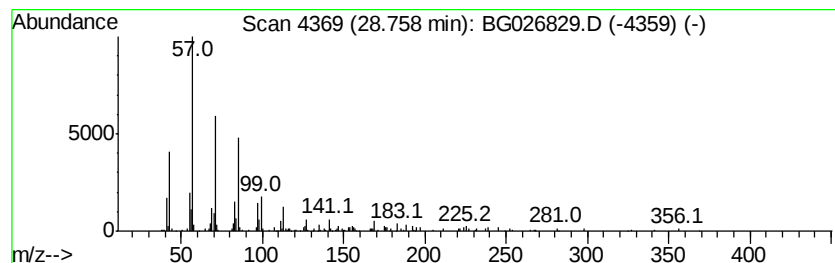
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.76	2.57 ng/ul	368900	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentacosane	352	C25H52	000629-99-2	91
2		Octacosane	394	C28H58	000630-02-4	90
3		Hentriacontane	437	C31H64	000630-04-6	90
4		Octacosane	394	C28H58	000630-02-4	90
5		Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
Data File : BG026829.D
Acq On : 2 May 2017 5:41
Operator : SJ/MA
Sample : I2867-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

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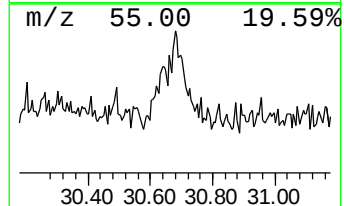
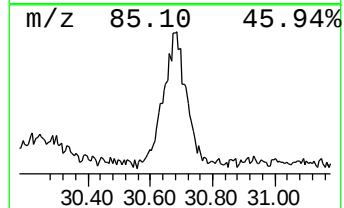
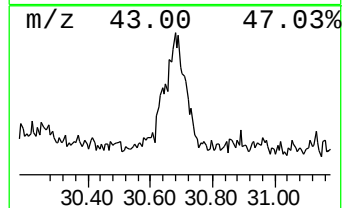
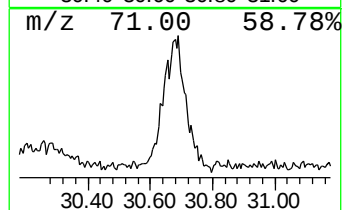
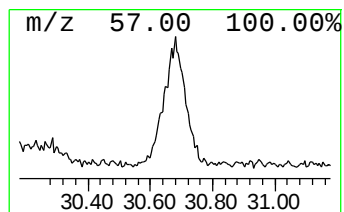
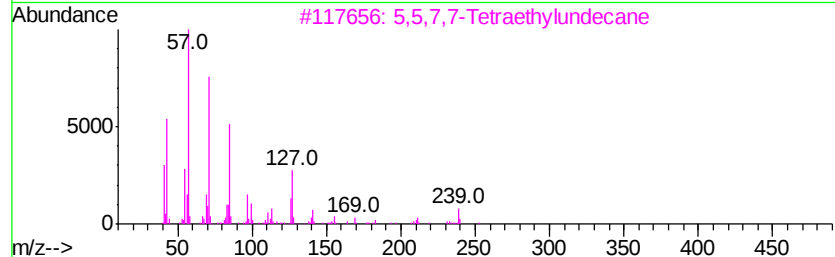
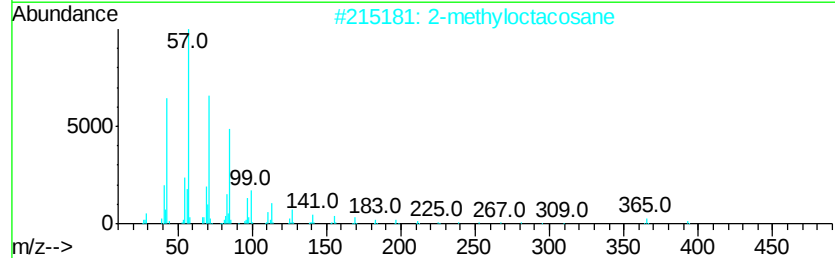
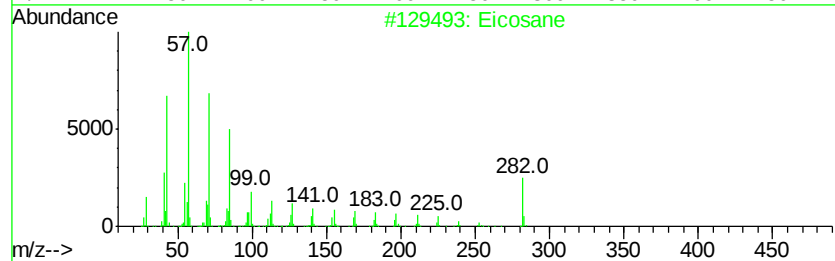
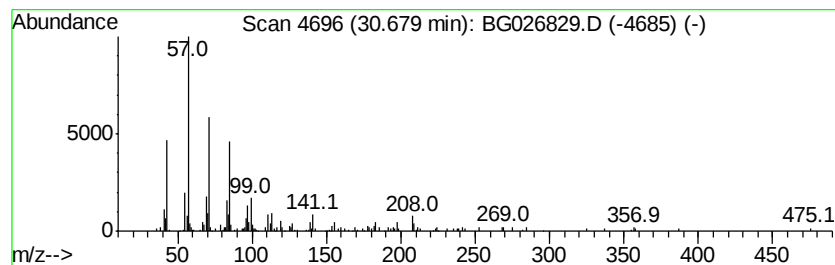
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.68	2.35 ng/ul	337021	Perylene-d12	24.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	81
2			2-methyloctacosane	408	C29H60	1000376-72-8	80
3			5,5,7,7-Tetraethylundecane	268	C19H40	1000360-42-0	80
4			Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	80
5			Tetratetracontane	619	C44H90	007098-22-8	80



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050117\
Data File : BG026829.D
Acq On : 2 May 2017 5:41
Operator : SJ/MA
Sample : I2867-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHT74

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	4.9	ng/ul	574990	4	17.36	2337800	20.0
Pentadecanoic acid	19.50	3.0	ng/ul	359394	5	21.60	2406000	20.0
(DEL) Alkane: Str...	25.86	2.8	ng/ul	395280	6	24.76	2868310	20.0
(DEL) Alkane: Str...	27.16	3.0	ng/ul	431801	6	24.76	2868310	20.0
(DEL) Alkane: Str...	28.76	2.6	ng/ul	368900	6	24.76	2868310	20.0
(DEL) Alkane: Str...	30.68	2.4	ng/ul	337021	6	24.76	2868310	20.0