

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
 Data File : BG027509.D
 Acq On : 17 Jun 2017 16:31
 Operator : SJ/MA
 Sample : I3599-18
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 F5C94

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-BG061617.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	4.077	28	32	41	rVB2	10383	17843	1.14%	0.098%
2	6.739	480	485	491	rVB6	1612	3517	0.23%	0.019%
3	7.656	630	641	655	rBV	168031	332994	21.32%	1.823%
4	7.832	660	671	684	rBV	140983	249546	15.98%	1.366%
5	8.049	697	708	717	rVB	162324	295142	18.90%	1.616%
6	8.519	778	788	800	rVB	180678	321649	20.60%	1.761%
7	9.195	894	903	914	rVB	215727	398022	25.49%	2.179%
8	9.683	978	986	993	rBV	167857	317013	20.30%	1.736%
9	9.735	993	995	1004	rVB5	5067	8542	0.55%	0.047%
10	9.818	1004	1009	1014	rBV5	3754	5300	0.34%	0.029%
11	10.405	1099	1109	1118	rBV	137533	257928	16.52%	1.412%
12	10.940	1190	1200	1216	rBV	208756	395454	25.32%	2.165%
13	11.339	1256	1268	1279	rVB	282269	541476	34.67%	2.965%
14	11.463	1279	1289	1301	rBV	184824	369290	23.65%	2.022%
15	11.792	1340	1345	1353	rBV4	2083	5252	0.34%	0.029%
16	12.885	1524	1531	1539	rVB3	3258	6522	0.42%	0.036%
17	13.696	1665	1669	1673	rBV3	2446	3620	0.23%	0.020%
18	14.489	1795	1804	1809	rBV	459510	700424	44.85%	3.835%
19	14.536	1809	1812	1819	rVV	139861	195831	12.54%	1.072%
20	14.800	1849	1857	1867	rBV	490897	804589	51.52%	4.405%
21	14.953	1875	1883	1892	rVB2	10169	16466	1.05%	0.090%
22	15.106	1899	1909	1925	rVB	480152	821496	52.61%	4.498%
23	15.270	1925	1937	1951	rBV	198707	356858	22.85%	1.954%
24	15.399	1951	1959	1965	rVV7	2408	8190	0.52%	0.045%
25	15.464	1965	1970	1974	rVV4	3364	6042	0.39%	0.033%
26	15.511	1974	1978	1982	rVB5	2862	4558	0.29%	0.025%
27	15.570	1982	1988	1996	rVB3	3702	7796	0.50%	0.043%
28	15.640	1996	2000	2004	rBV3	2660	3854	0.25%	0.021%
29	15.864	2031	2038	2040	rBV4	2379	4755	0.30%	0.026%
30	15.899	2040	2044	2050	rVV	21087	27707	1.77%	0.152%
31	16.093	2069	2077	2086	rBV	680715	1094732	70.10%	5.994%
32	16.193	2086	2094	2103	rVB	230322	354581	22.71%	1.941%
33	16.334	2104	2118	2123	rVB7	7387	24455	1.57%	0.134%
34	16.404	2124	2130	2133	rVB4	3539	5032	0.32%	0.028%

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35	16.451	2134	2138	2145	rVB5	3401	4973	0.32%	0.027%
36	16.527	2145	2151	2158	rVB5	3928	6338	0.41%	0.035%
37	16.604	2158	2164	2170	rBV7	1506	3780	0.24%	0.021%
38	16.762	2186	2191	2203	rBV	24762	44783	2.87%	0.245%
39	16.974	2225	2227	2234	rVB6	1779	3557	0.23%	0.019%
40	17.045	2234	2239	2243	rBV5	2331	4763	0.31%	0.026%
41	17.109	2245	2250	2257	rBV7	3152	7194	0.46%	0.039%
42	17.233	2265	2271	2274	rBV6	2705	4858	0.31%	0.027%
43	17.274	2274	2278	2282	rVB5	2237	3637	0.23%	0.020%
44	17.332	2283	2288	2292	rVB5	2353	4541	0.29%	0.025%
45	17.556	2320	2326	2331	rBV	17830	23914	1.53%	0.131%
46	17.609	2331	2335	2338	rVV3	4123	6783	0.43%	0.037%
47	17.644	2338	2341	2348	rVV6	3844	7003	0.45%	0.038%
48	17.720	2348	2354	2361	rVB7	2463	5883	0.38%	0.032%
49	17.855	2366	2377	2387	rBV2	663684	1073159	68.72%	5.876%
50	17.955	2387	2394	2404	rVV	768823	1243264	79.62%	6.807%
51	18.096	2413	2418	2422	rBV5	1789	3366	0.22%	0.018%
52	18.296	2447	2452	2457	rBV3	5500	8591	0.55%	0.047%
53	18.478	2476	2483	2487	rBV5	3263	7404	0.47%	0.041%
54	18.690	2513	2519	2530	rBV2	58478	109775	7.03%	0.601%
55	18.778	2530	2534	2538	rVB4	4696	8236	0.53%	0.045%
56	18.978	2564	2568	2572	rBV3	2341	3998	0.26%	0.022%
57	19.101	2586	2589	2596	rVB4	1616	3468	0.22%	0.019%
58	19.430	2641	2645	2652	rVB6	2657	4712	0.30%	0.026%
59	19.495	2652	2656	2660	rBV6	2239	3667	0.23%	0.020%
60	19.553	2660	2666	2671	rBV6	1927	3848	0.25%	0.021%
61	19.594	2671	2673	2679	rBV5	1848	3930	0.25%	0.022%
62	19.859	2701	2718	2727	rBV4	11903	42553	2.73%	0.233%
63	19.947	2727	2733	2741	rBV4	29380	53870	3.45%	0.295%
64	20.112	2754	2761	2766	rVB4	8470	19913	1.28%	0.109%
65	20.170	2766	2771	2772	rBV4	4209	4183	0.27%	0.023%
66	20.223	2772	2780	2792	rVV	950228	1436711	92.00%	7.866%
67	20.488	2820	2825	2829	rBV	27665	35430	2.27%	0.194%
68	20.529	2829	2832	2842	rVB	54953	62079	3.98%	0.340%
69	20.711	2858	2863	2866	rVB7	3006	4026	0.26%	0.022%
70	20.881	2888	2892	2896	rBV7	2806	5793	0.37%	0.032%
71	21.110	2925	2931	2934	rBV8	4384	9704	0.62%	0.053%

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72	21.151	2934	2938	2943	rVB7	7953	10831	0.69%	0.059%
73	21.222	2948	2950	2953	rVB4	6283	6468	0.41%	0.035%
74	21.263	2954	2957	2963	rVB8	3873	5815	0.37%	0.032%
75	21.533	2999	3003	3006	rBV2	15168	19797	1.27%	0.108%
76	21.575	3006	3010	3017	rVB2	26579	38904	2.49%	0.213%
77	21.780	3041	3045	3058	rBV7	19920	46826	3.00%	0.256%
78	22.062	3087	3093	3098	rBV6	5038	8430	0.54%	0.046%
79	22.227	3113	3121	3131	rBV	645159	1247018	79.86%	6.828%
80	22.379	3144	3147	3159	rVB6	17845	40841	2.62%	0.224%
81	22.761	3208	3212	3216	rBV6	6038	9644	0.62%	0.053%
82	22.802	3216	3219	3226	rVV5	11129	16340	1.05%	0.089%
83	23.073	3258	3265	3270	rBV2	19064	34257	2.19%	0.188%
84	23.848	3389	3397	3410	rVB3	66603	163085	10.44%	0.893%
85	24.077	3429	3436	3442	rBV5	15552	38741	2.48%	0.212%
86	24.412	3487	3493	3501	rVB8	6902	16396	1.05%	0.090%
87	24.765	3547	3553	3568	rVB2	71735	167752	10.74%	0.918%
88	25.634	3688	3701	3714	rBV2	429138	1383682	88.61%	7.576%
89	25.781	3717	3726	3727	rBV9	9258	20598	1.32%	0.113%
90	25.875	3728	3742	3763	rVB3	394708	1561576	100.00%	8.550%
91	26.151	3788	3789	3792	rBV3	3324	3327	0.21%	0.018%
92	26.586	3859	3863	3864	rBV4	2803	3344	0.21%	0.018%
93	27.144	3946	3958	3973	rBV2	110324	367975	23.56%	2.015%
94	28.707	4211	4224	4240	rVB2	106265	423957	27.15%	2.321%
95	29.900	4425	4427	4430	rBV4	3273	3551	0.23%	0.019%
96	29.935	4430	4433	4434	rBV3	4058	4390	0.28%	0.024%
97	30.593	4530	4545	4561	rVB4	78658	357019	22.86%	1.955%
98	31.016	4615	4617	4620	rBV4	3632	4343	0.28%	0.024%
99	31.951	4774	4776	4777	rBV2	5031	3597	0.23%	0.020%
100	32.403	4851	4853	4858	rBV5	3376	5603	0.36%	0.031%

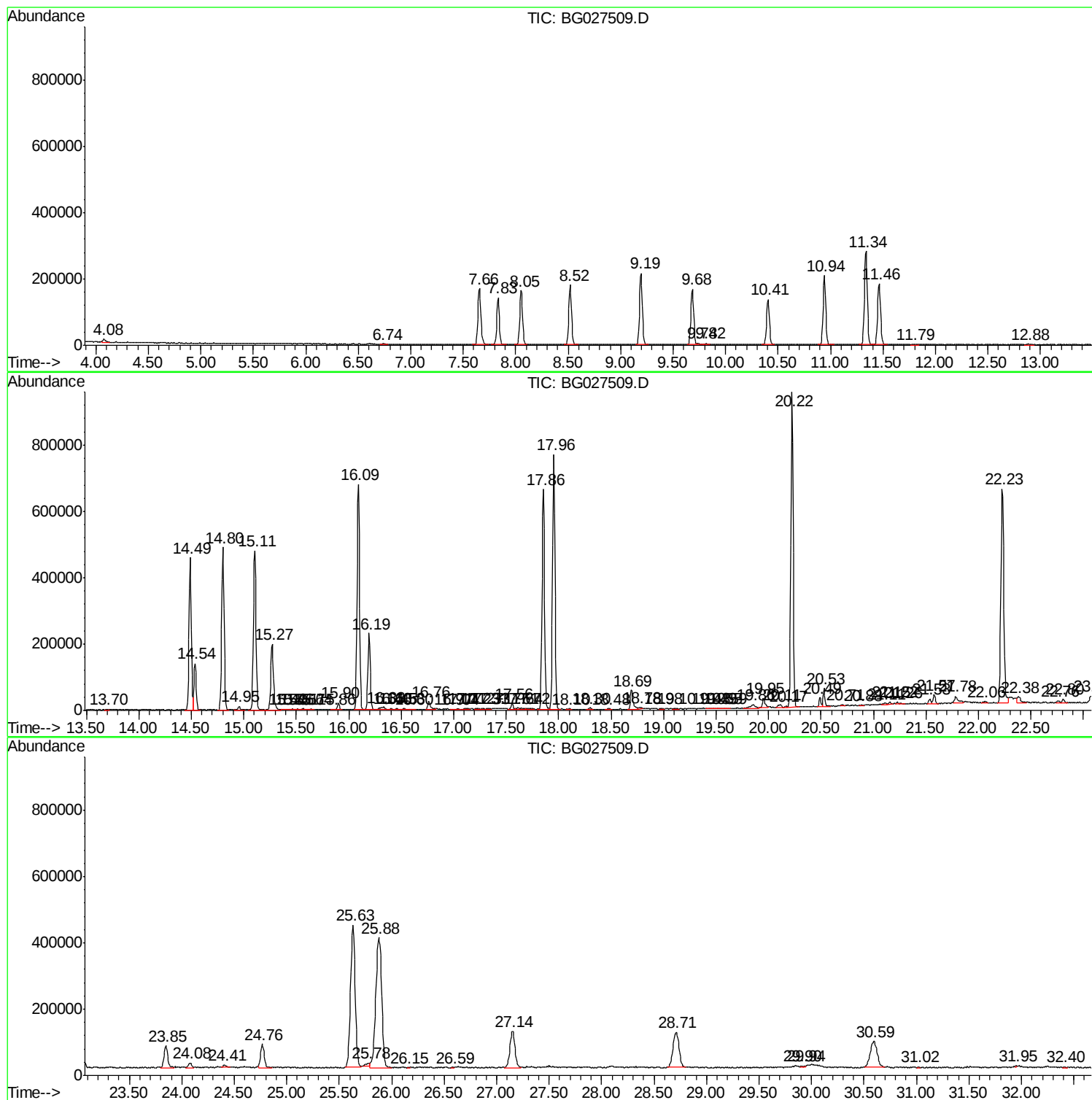
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

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



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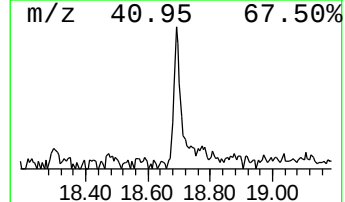
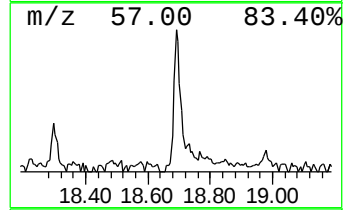
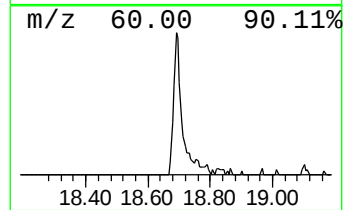
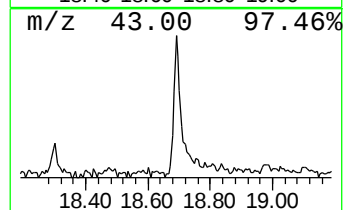
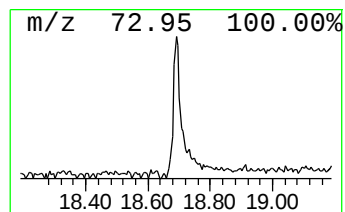
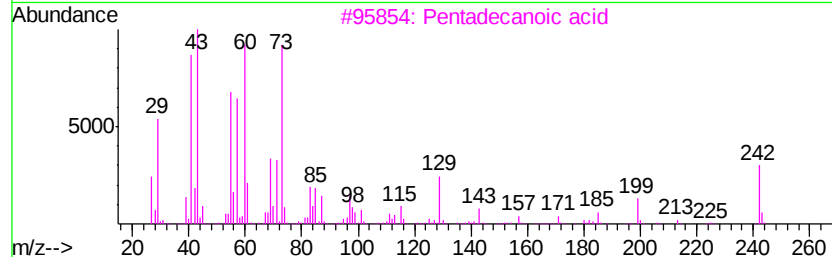
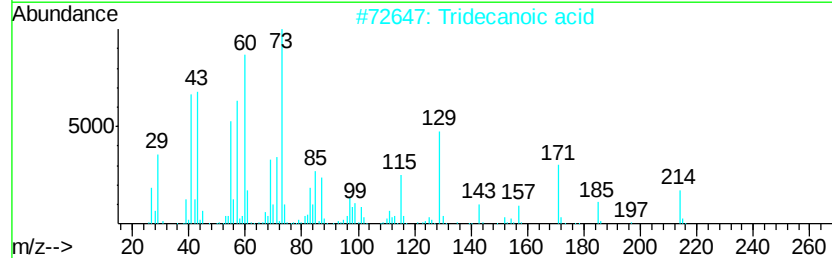
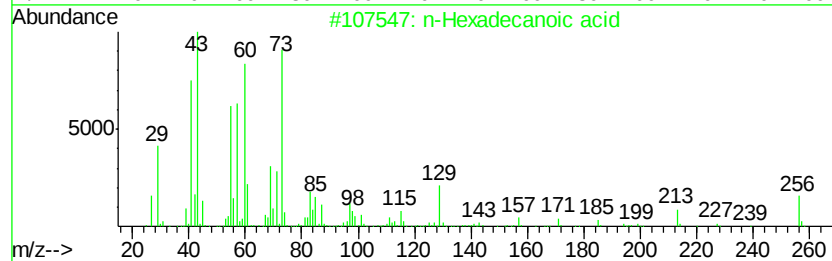
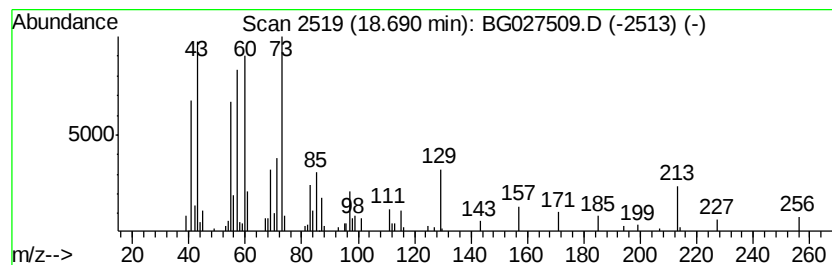
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.69	2.05 ng/ul	109775	Phenanthrene-d10	17.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
2		Tridecanoic acid	214	C13H26O2	000638-53-9	81
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4		Tridecanoic acid	214	C13H26O2	000638-53-9	76
5		Tridecanoic acid	214	C13H26O2	000638-53-9	74



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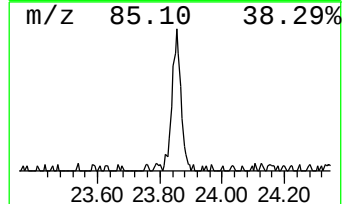
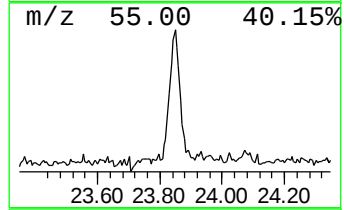
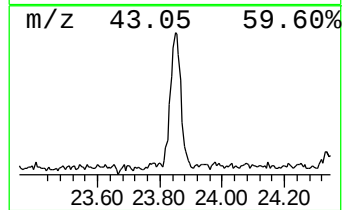
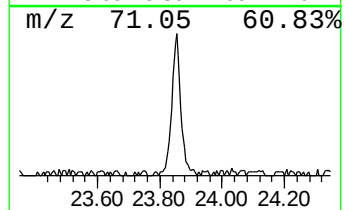
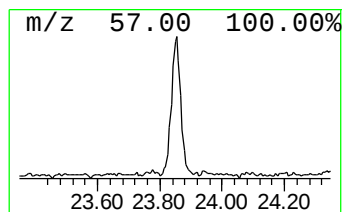
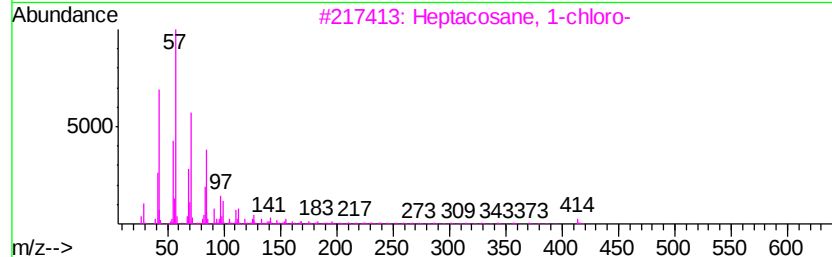
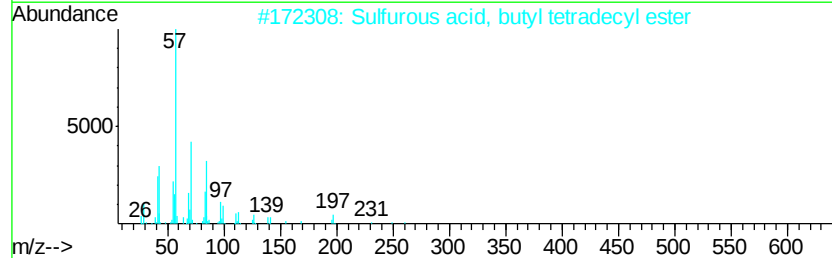
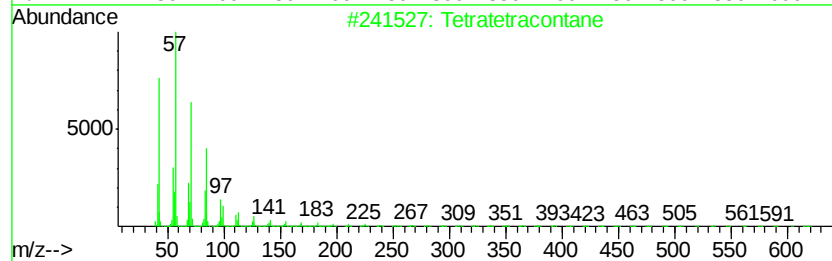
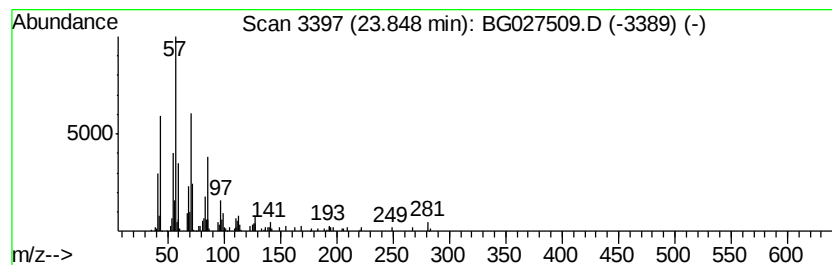
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.85	2.62 ng/ul	163085	Chrysene-d12	22.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	62
2		Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	62
3		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	62
4		Tritetracontane	605	C43H88	007098-21-7	62
5		Octacosane	394	C28H58	000630-02-4	58



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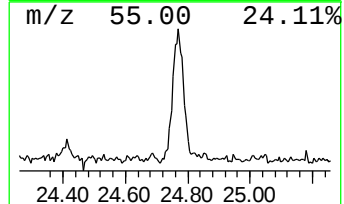
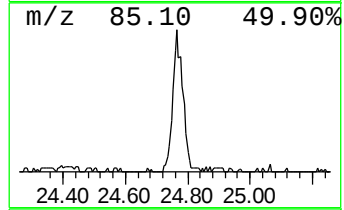
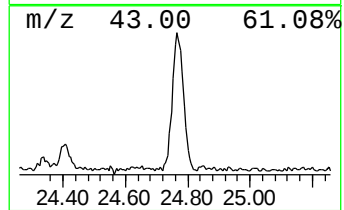
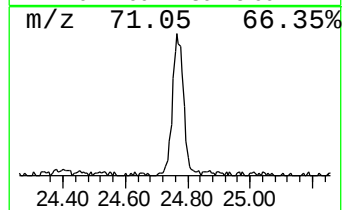
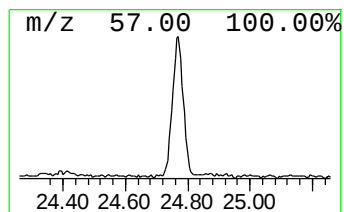
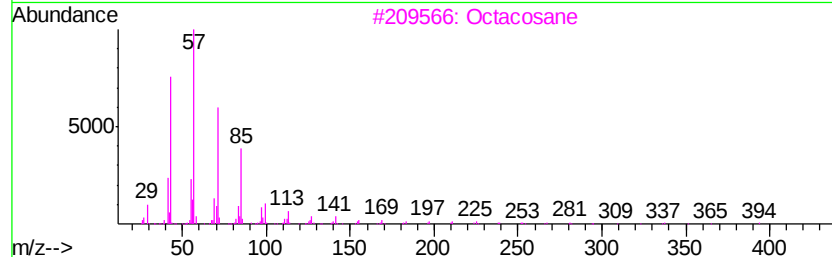
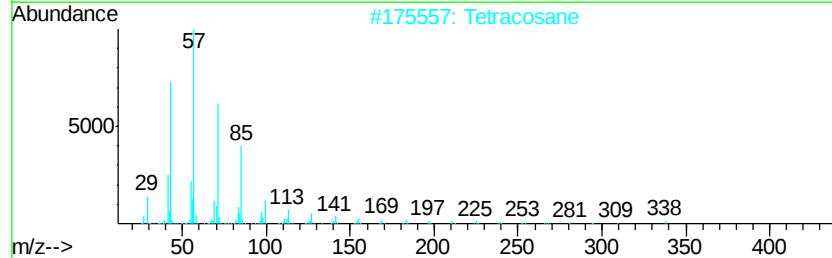
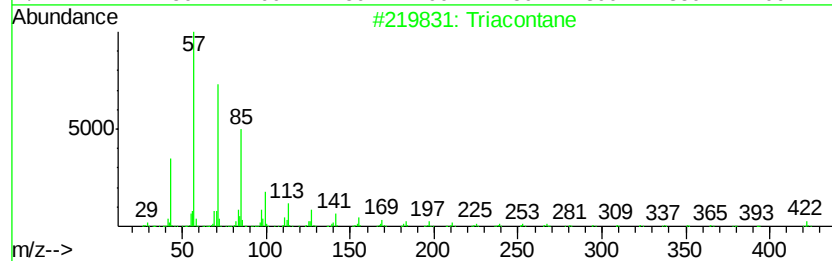
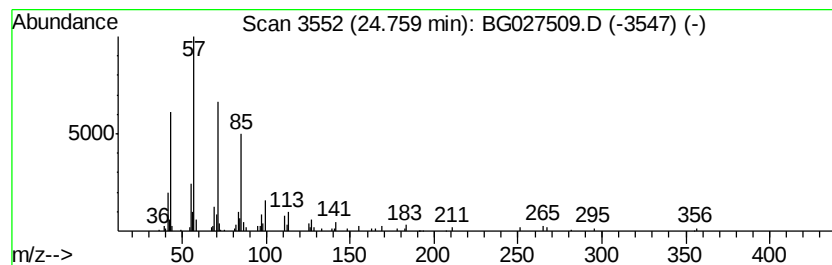
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.76	2.15 ng/ul	167752	Perylene-d12	25.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	87
2		Tetracosane	338	C24H50	000646-31-1	87
3		Octacosane	394	C28H58	000630-02-4	87
4		Tetracosane	338	C24H50	000646-31-1	87
5		Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027509.D
Acq On : 17 Jun 2017 16:31
Operator : SJ/MA
Sample : I3599-18
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F5C94

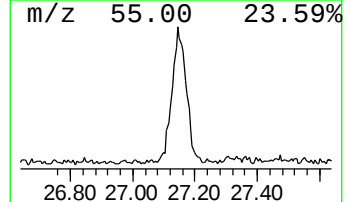
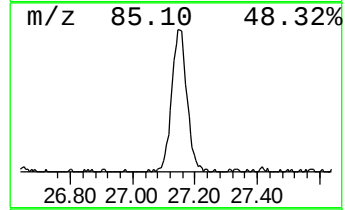
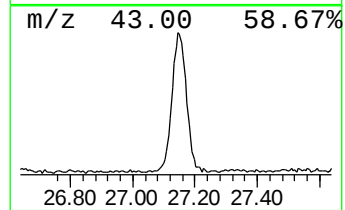
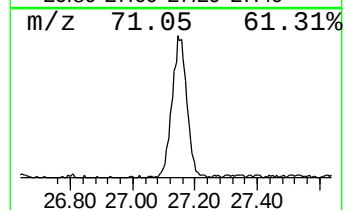
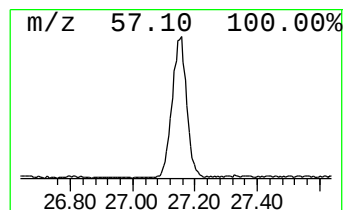
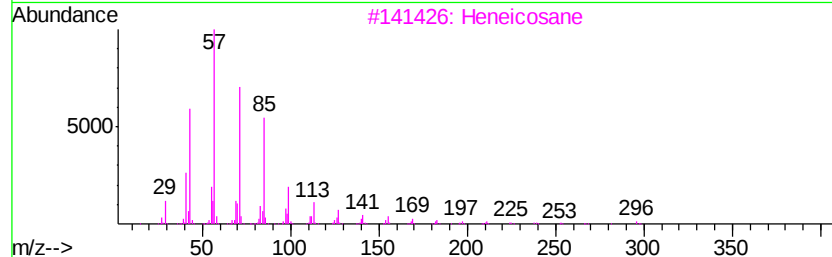
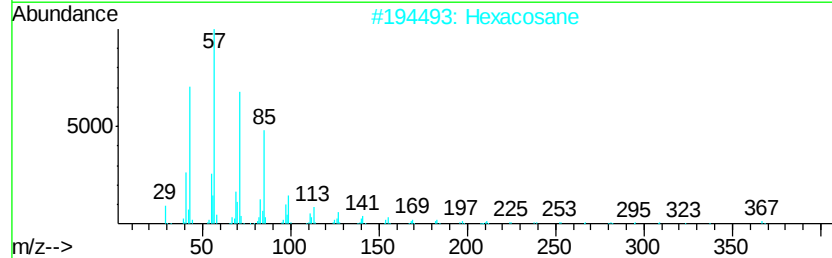
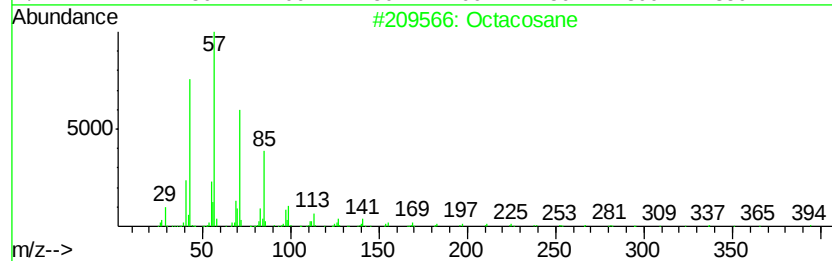
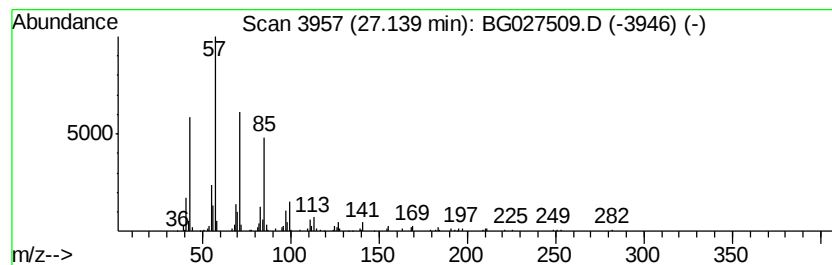
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Quant Title : SVOA CALIBRATION

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.
27.14	4.71 ng/ul	367975	Perylene-d12	25.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	91
2			Hexacosane	366	C26H54	000630-01-3	91
3			Heneicosane	296	C21H44	000629-94-7	91
4			Heptacosane	380	C27H56	000593-49-7	91
5			Docosane	310	C22H46	000629-97-0	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027509.D
Acq On : 17 Jun 2017 16:31
Operator : SJ/MA
Sample : I3599-18
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F5C94

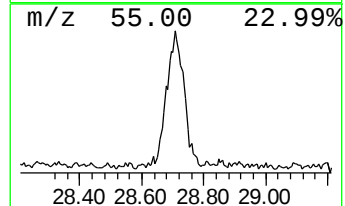
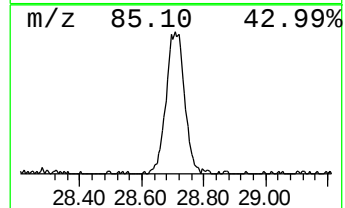
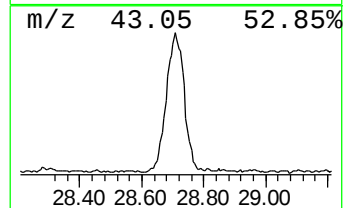
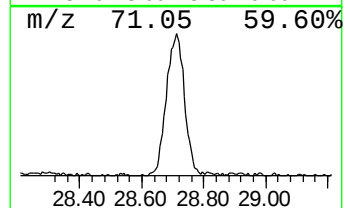
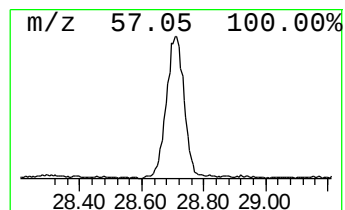
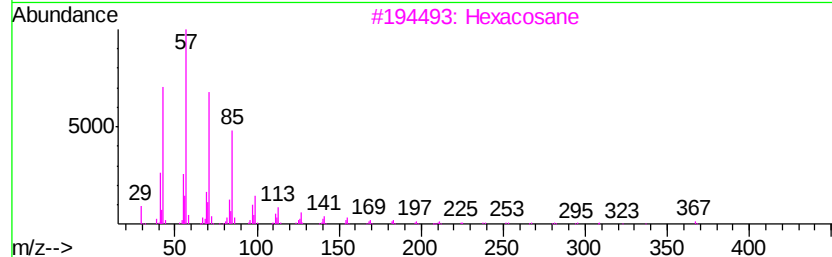
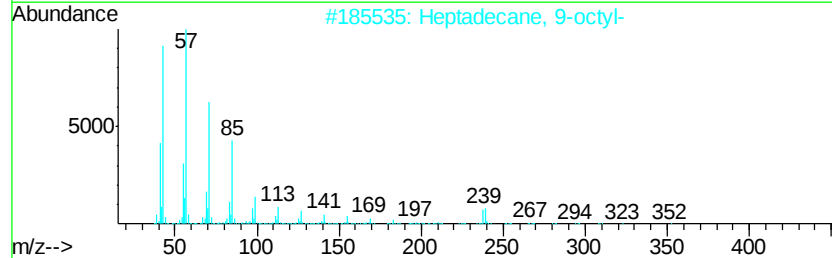
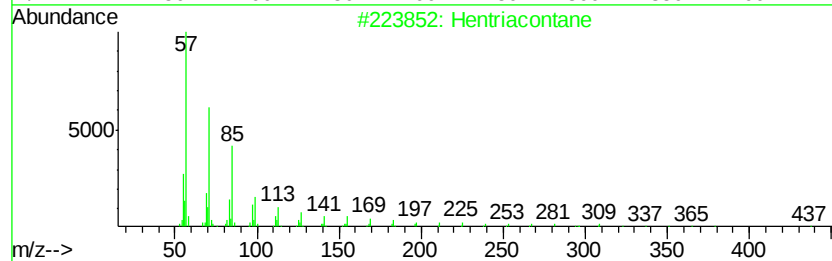
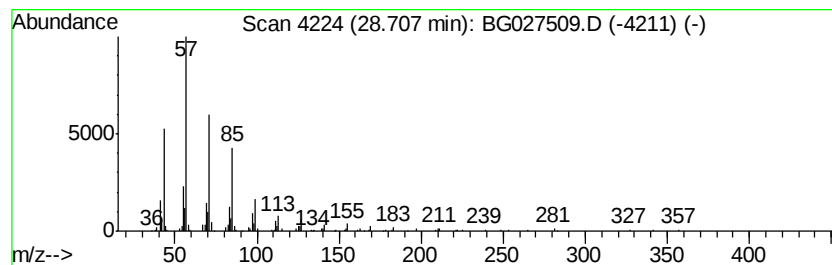
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.71	5.43 ng/ul	423957	Perylene-d12	25.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Hexacosane	366	C26H54	000630-01-3	90
4		Tetracosane	338	C24H50	000646-31-1	90
5		Heptadecane	240	C17H36	000629-78-7	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027509.D
Acq On : 17 Jun 2017 16:31
Operator : SJ/MA
Sample : I3599-18
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F5C94

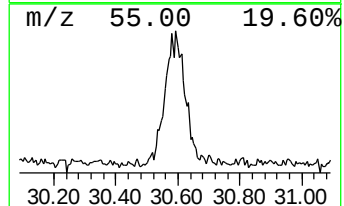
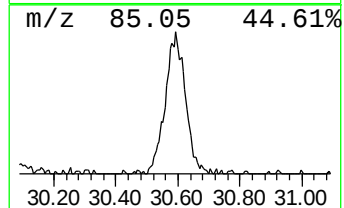
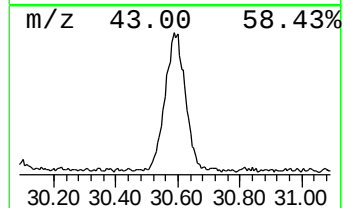
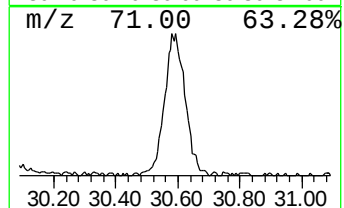
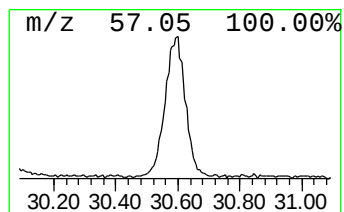
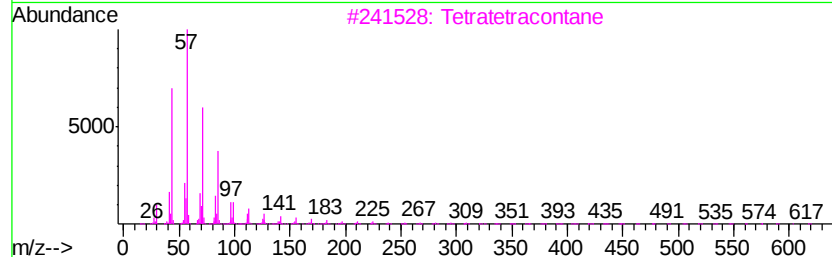
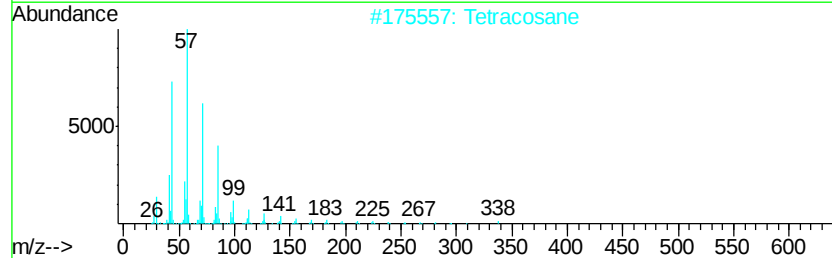
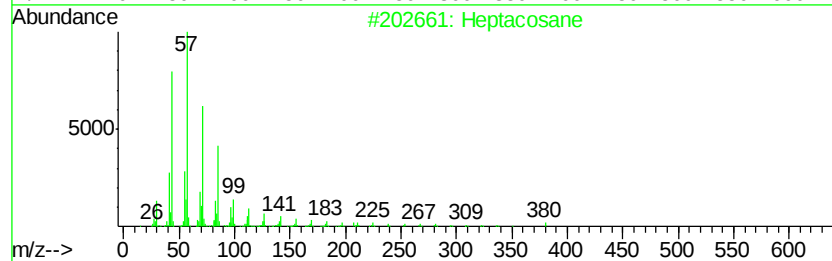
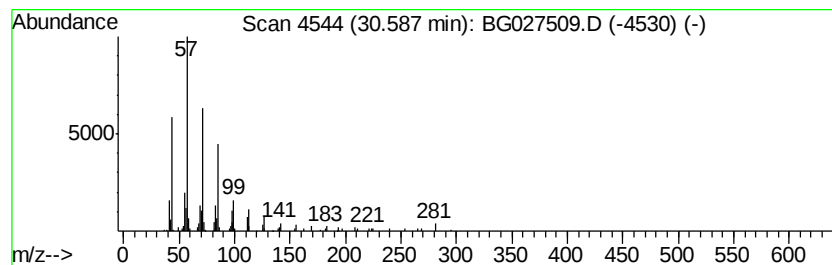
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.59	4.57 ng/ul	357019	Perylene-d12	25.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	91
2			Tetracosane	338	C24H50	000646-31-1	90
3			Tetratetracontane	619	C44H90	007098-22-8	90
4			Hexacosane	366	C26H54	000630-01-3	90
5			Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027509.D
Acq On : 17 Jun 2017 16:31
Operator : SJ/MA
Sample : I3599-18
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F5C94

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.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	18.69	2.0	ng/ul	109775	4	17.86	1073160	20.0
(DEL) Alkane: Str...	23.85	2.6	ng/ul	163085	5	22.23	1247020	20.0
(DEL) Alkane: Str...	24.76	2.1	ng/ul	167752	6	25.88	1561580	20.0
(DEL) Alkane: Str...	27.14	4.7	ng/ul	367975	6	25.88	1561580	20.0
(DEL) Alkane: Str...	28.71	5.4	ng/ul	423957	6	25.88	1561580	20.0
(DEL) Alkane: Str...	30.59	4.6	ng/ul	357019	6	25.88	1561580	20.0