

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050617\
 Data File : BG026878.D
 Acq On : 6 May 2017 12:11
 Operator : SJ/MA
 Sample : I2842-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDC36

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	72	rVB	40691	76465	1.78%	0.139%
2	5.110	339	344	354	rVB2	15137	29979	0.70%	0.055%
3	6.091	507	511	518	rBV3	4002	6643	0.15%	0.012%
4	6.214	526	532	538	rVB7	6114	10015	0.23%	0.018%
5	7.184	689	697	714	rBV	753115	1488859	34.59%	2.708%
6	7.330	714	722	732	rVB	689956	1113103	25.86%	2.024%
7	7.424	735	738	745	rVB3	7307	11573	0.27%	0.021%
8	7.542	749	758	772	rBV	795978	1438439	33.42%	2.616%
9	8.006	828	837	852	rBV	580710	1004309	23.33%	1.826%
10	8.723	951	959	985	rBV	995646	1908028	44.33%	3.470%
11	9.164	1026	1034	1052	rBV	743214	1358056	31.55%	2.470%
12	9.334	1056	1063	1072	rBV	7510	18158	0.42%	0.033%
13	9.587	1100	1106	1116	rVB	15515	25925	0.60%	0.047%
14	9.886	1149	1157	1171	rBV	647386	1153293	26.79%	2.097%
15	10.439	1241	1251	1281	rBV	939110	1866048	43.35%	3.394%
16	10.803	1302	1313	1327	rBV	932729	1698906	39.47%	3.090%
17	10.938	1327	1336	1363	rVV	932924	1800919	41.84%	3.275%
18	12.389	1577	1583	1590	rBV	17792	33153	0.77%	0.060%
19	13.229	1720	1726	1731	rVB7	8847	13140	0.31%	0.024%
20	13.441	1755	1762	1768	rBV2	17247	25099	0.58%	0.046%
21	13.517	1768	1775	1780	rBV7	4402	7539	0.18%	0.014%
22	13.600	1783	1789	1798	rVB9	8568	17070	0.40%	0.031%
23	13.970	1847	1852	1854	rBV4	5750	9417	0.22%	0.017%
24	14.023	1854	1861	1865	rVV	1712683	2576889	59.87%	4.686%
25	14.070	1865	1869	1877	rVV	665368	967478	22.48%	1.759%
26	14.134	1877	1880	1888	rVB7	9668	16534	0.38%	0.030%
27	14.211	1888	1893	1899	rVB5	7106	10315	0.24%	0.019%
28	14.316	1899	1911	1928	rBV	2107980	3466109	80.52%	6.303%
29	14.504	1938	1943	1952	rVB	50825	68191	1.58%	0.124%
30	14.622	1953	1963	1975	rBV2	1329215	2201722	51.15%	4.004%
31	14.704	1976	1977	1984	rVB6	3828	6736	0.16%	0.012%
32	14.839	1993	2000	2015	rBV2	379592	970416	22.54%	1.765%
33	14.998	2025	2027	2031	rVB5	8526	10776	0.25%	0.020%
34	15.121	2043	2048	2055	rVB7	14229	25529	0.59%	0.046%

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35	15.192	2055	2060	2067	rVB5	10773	16127	0.37%	0.029%
36	15.403	2093	2096	2100	rBV4	9408	13692	0.32%	0.025%
37	15.450	2100	2104	2109	rVB	64929	84265	1.96%	0.153%
38	15.497	2110	2112	2118	rVB6	5602	9857	0.23%	0.018%
39	15.609	2118	2131	2140	rBV	2597009	3993656	92.78%	7.263%
40	15.732	2144	2152	2163	rBV	588371	927281	21.54%	1.686%
41	15.850	2166	2172	2178	rVV4	43897	86564	2.01%	0.157%
42	15.897	2178	2180	2184	rVB4	5872	6475	0.15%	0.012%
43	15.950	2187	2189	2195	rVB6	8693	9328	0.22%	0.017%
44	16.009	2196	2199	2204	rBV6	11285	18807	0.44%	0.034%
45	16.067	2206	2209	2214	rVB5	13865	16560	0.38%	0.030%
46	16.185	2221	2229	2236	rBV5	5668	14953	0.35%	0.027%
47	16.308	2245	2250	2259	rBV	74766	129774	3.01%	0.236%
48	16.390	2260	2264	2269	rVV7	7799	15426	0.36%	0.028%
49	16.555	2289	2292	2297	rBV6	6314	11686	0.27%	0.021%
50	16.649	2303	2308	2316	rBV8	8079	21228	0.49%	0.039%
51	16.766	2324	2328	2332	rVB7	10069	12311	0.29%	0.022%
52	16.813	2334	2336	2342	rBV6	6972	10280	0.24%	0.019%
53	16.884	2345	2348	2352	rBV6	6386	8026	0.19%	0.015%
54	17.101	2377	2385	2389	rBV	46987	65759	1.53%	0.120%
55	17.154	2389	2394	2398	rVB6	19500	32997	0.77%	0.060%
56	17.254	2406	2411	2416	rBV8	5276	12212	0.28%	0.022%
57	17.354	2421	2428	2437	rBV2	1451604	2244348	52.14%	4.081%
58	17.454	2437	2445	2455	rVV2	2534042	3963499	92.08%	7.208%
59	17.519	2455	2456	2462	rVV6	8900	12389	0.29%	0.023%
60	17.571	2462	2465	2470	rVV6	5688	8370	0.19%	0.015%
61	17.636	2470	2476	2482	rVB8	7541	14626	0.34%	0.027%
62	17.754	2491	2496	2503	rVB8	7873	12937	0.30%	0.024%
63	17.836	2505	2510	2515	rBV3	15331	22911	0.53%	0.042%
64	17.900	2515	2521	2524	rVV7	3710	6886	0.16%	0.013%
65	18.012	2535	2540	2547	rVB7	10590	20098	0.47%	0.037%
66	18.118	2553	2558	2560	rBV4	5230	8174	0.19%	0.015%
67	18.235	2566	2578	2588	rBV2	219710	386963	8.99%	0.704%
68	18.517	2623	2626	2629	rBV5	6768	10570	0.25%	0.019%
69	18.705	2651	2658	2663	rVV5	10078	19542	0.45%	0.036%
70	19.093	2718	2724	2726	rBV6	6129	10320	0.24%	0.019%
71	19.152	2726	2734	2739	rVV	156973	186803	4.34%	0.340%

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72	19.375	2764	2772	2781	rBV4	44151	112343	2.61%	0.204%
73	19.504	2788	2794	2806	rBV4	70828	152008	3.53%	0.276%
74	19.622	2809	2814	2825	rVB3	35252	75566	1.76%	0.137%
75	19.734	2825	2833	2848	rBV	2902617	4289903	99.66%	7.801%
76	20.251	2916	2921	2928	rVB	321884	372725	8.66%	0.678%
77	20.315	2929	2932	2935	rVV5	9477	10166	0.24%	0.018%
78	20.392	2943	2945	2948	rBV4	6692	7660	0.18%	0.014%
79	20.633	2971	2986	2991	rBV10	31522	89404	2.08%	0.163%
80	20.744	3000	3005	3009	rBV2	53380	56826	1.32%	0.103%
81	20.915	3031	3034	3039	rVB7	9907	13827	0.32%	0.025%
82	21.155	3072	3075	3080	rBV7	11508	21422	0.50%	0.039%
83	21.238	3084	3089	3095	rBV	148828	181735	4.22%	0.330%
84	21.484	3114	3131	3136	rBV	30387	155624	3.62%	0.283%
85	21.602	3145	3151	3163	rVB	1419399	2324363	54.00%	4.227%
86	21.737	3172	3174	3177	rVB3	11965	12177	0.28%	0.022%
87	22.372	3277	3282	3287	rBV2	49563	77599	1.80%	0.141%
88	22.425	3288	3291	3298	rVB9	26482	50038	1.16%	0.091%
89	23.041	3392	3396	3402	rVB2	47918	91619	2.13%	0.167%
90	23.235	3422	3429	3438	rVB2	52345	117491	2.73%	0.214%
91	23.829	3523	3530	3538	rVB2	82110	162403	3.77%	0.295%
92	24.551	3641	3653	3675	rVB2	1488006	4304477	100.00%	7.828%
93	24.769	3678	3690	3712	rVB2	873763	2651524	61.60%	4.822%
94	25.850	3865	3874	3884	rVB4	95540	275954	6.41%	0.502%
95	26.155	3915	3926	3936	rVB4	23746	106794	2.48%	0.194%
96	27.160	4089	4097	4109	rVB3	84761	269669	6.26%	0.490%
97	28.752	4357	4368	4383	rVB2	67460	270449	6.28%	0.492%
98	30.133	4591	4603	4619	rBV2	48386	202377	4.70%	0.368%
99	30.680	4683	4696	4707	rVB5	46545	221195	5.14%	0.402%
100	31.408	4806	4820	4840	rVB5	80789	430845	10.01%	0.784%

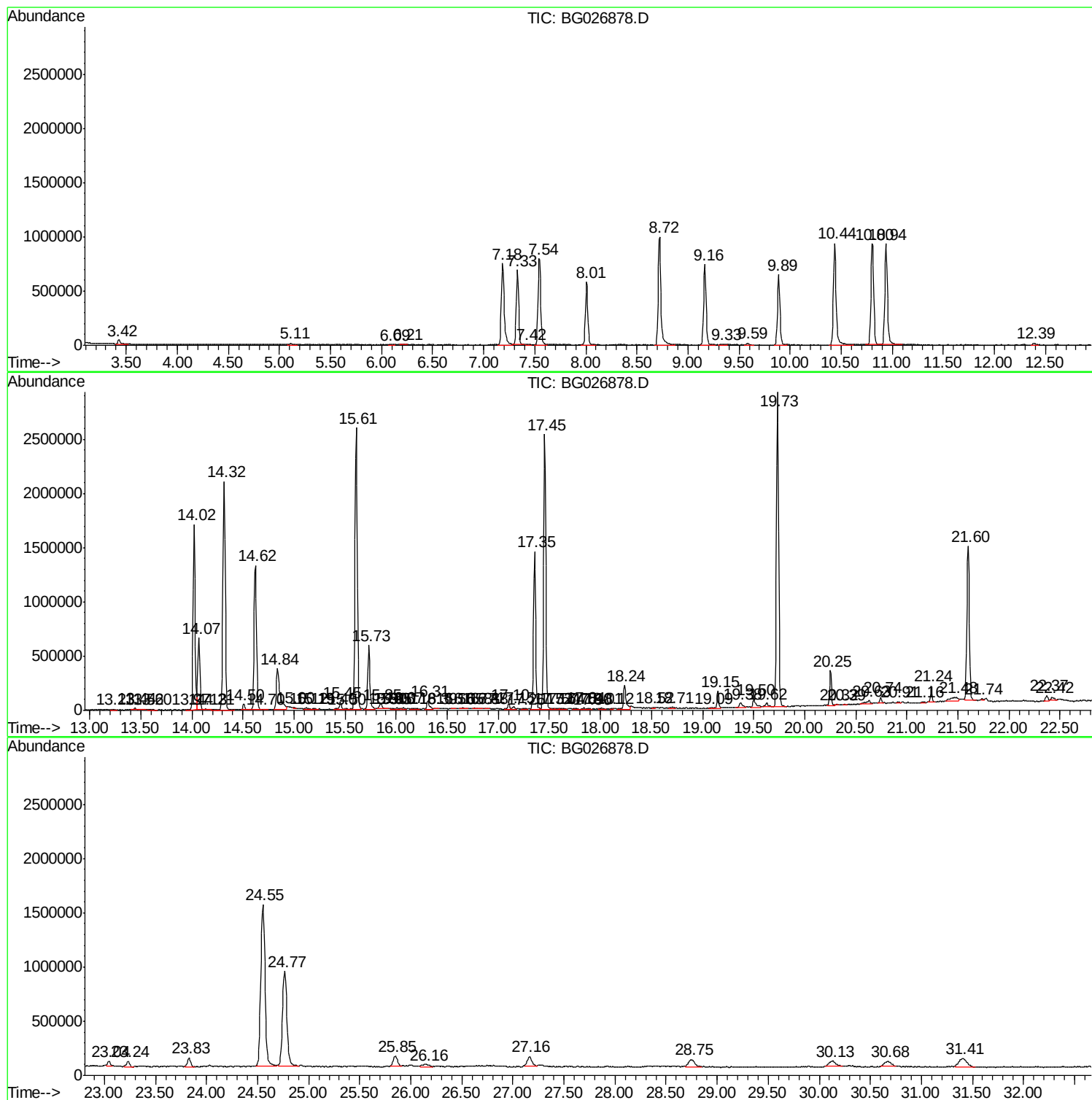
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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



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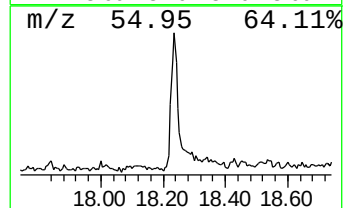
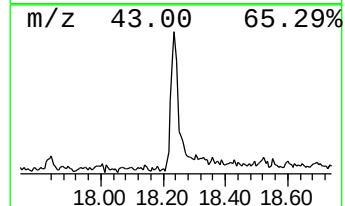
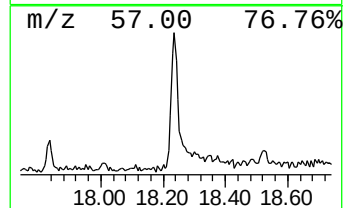
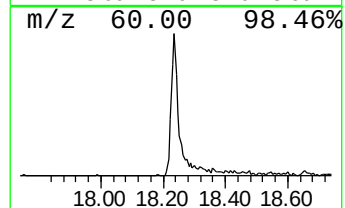
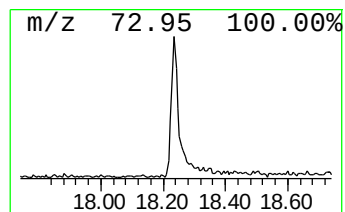
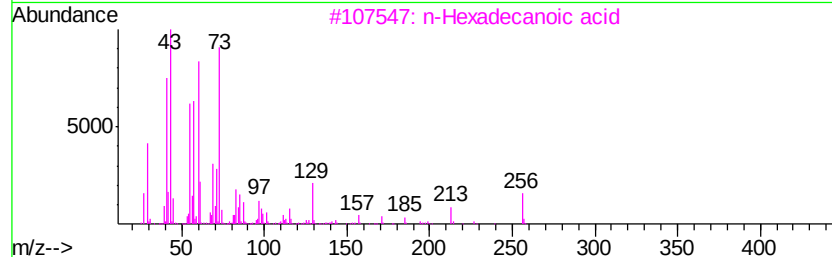
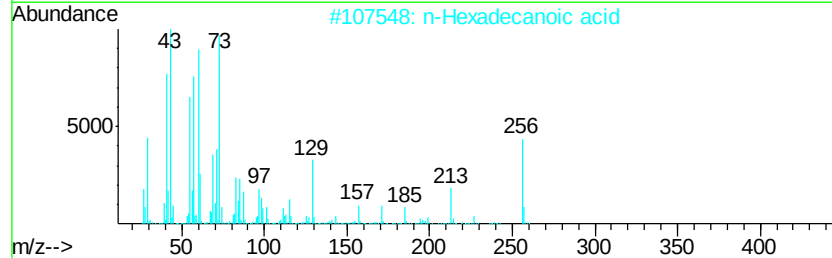
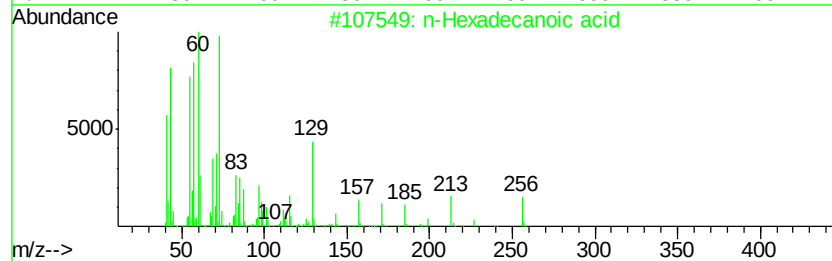
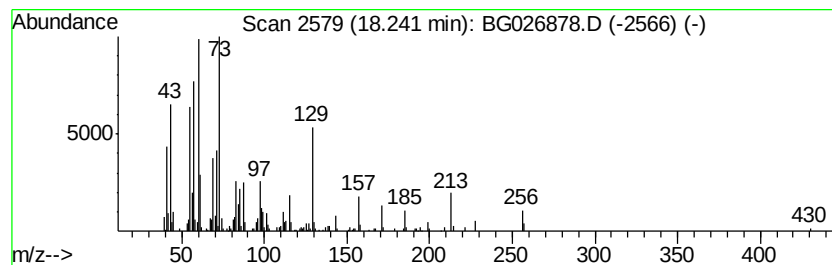
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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	3.45 ng/ul	386963	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	98
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	80
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	72



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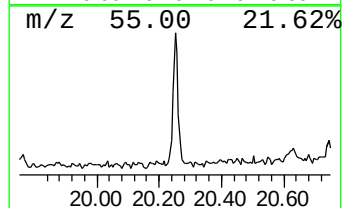
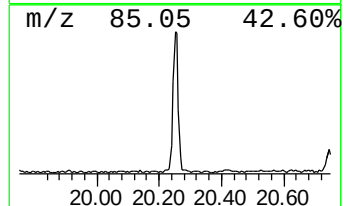
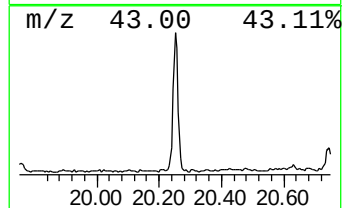
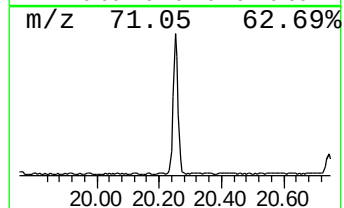
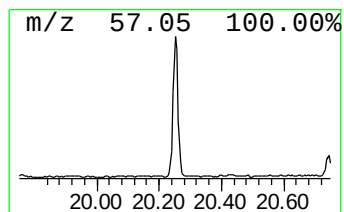
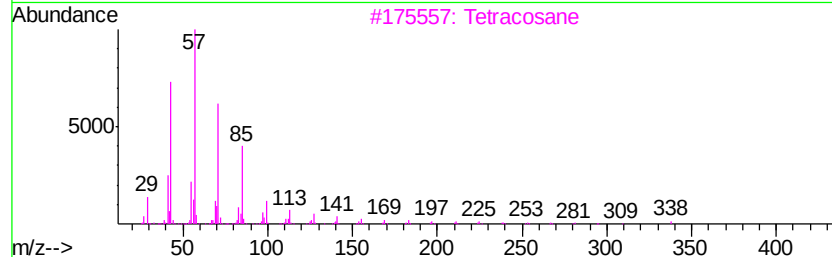
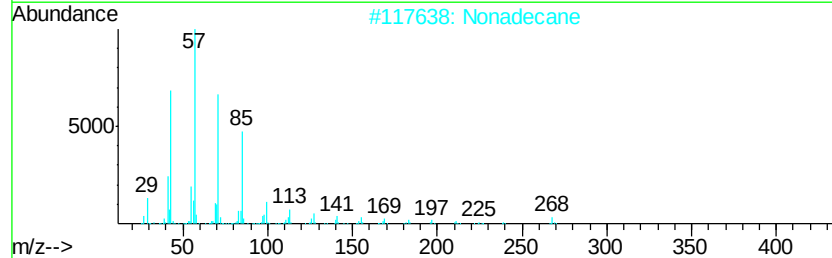
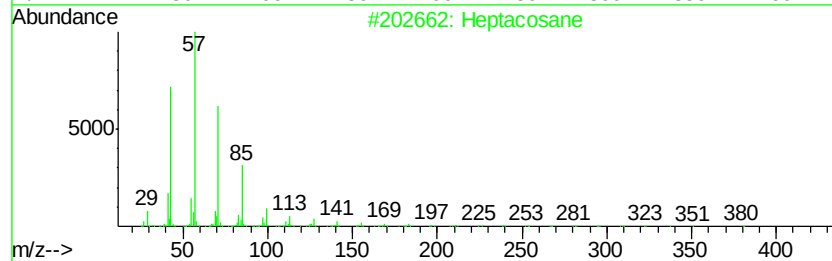
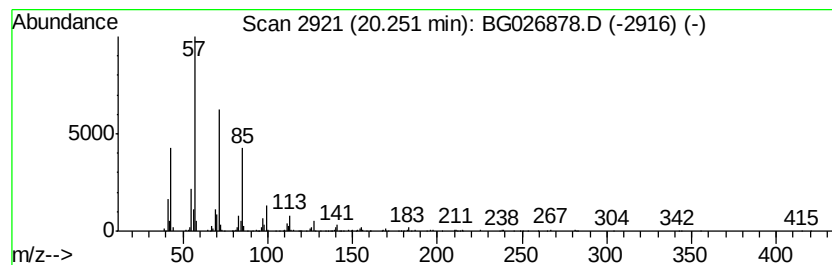
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.25	3.21 ng/ul	372725	Chrysene-d12	21.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Nonadecane	268	C19H40	000629-92-5	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		Eicosane	282	C20H42	000112-95-8	90
5		triacontane	422	C30H62	000638-68-6	90



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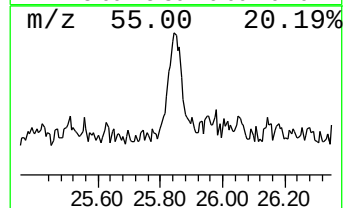
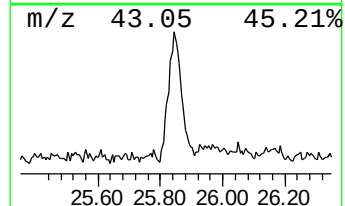
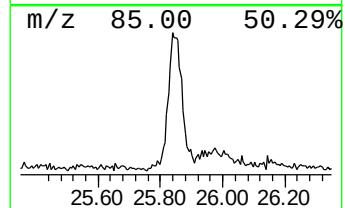
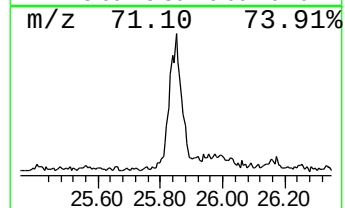
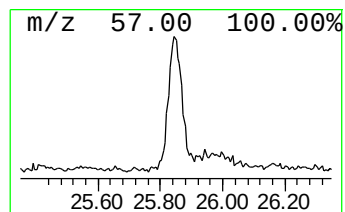
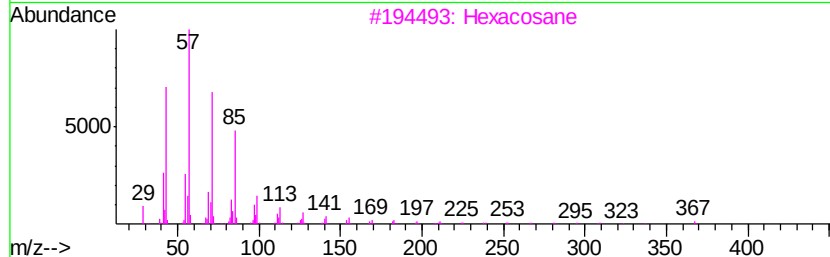
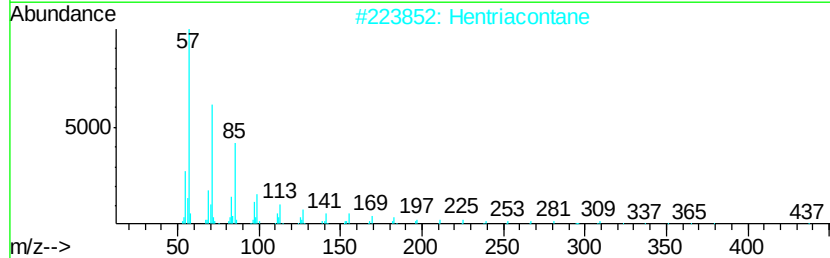
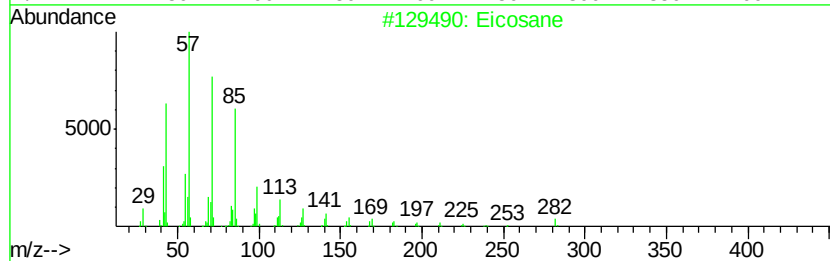
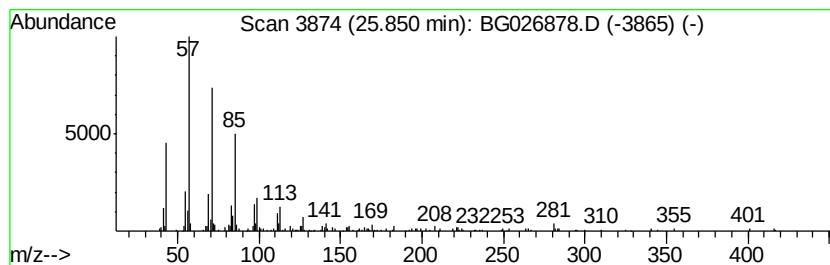
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.85	2.08 ng/ul	275954	Perylene-d12	24.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Hentriacontane	437	C31H64	000630-04-6	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
5		Docosane, 11-butyl-	366	C26H54	013475-76-8	90



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ClientSampleId :
BDC36

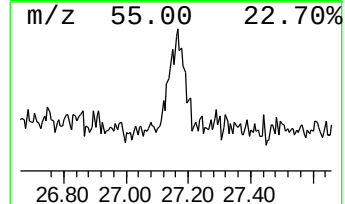
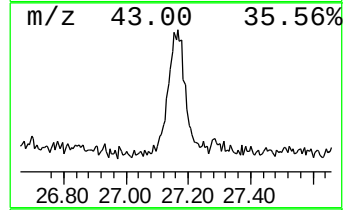
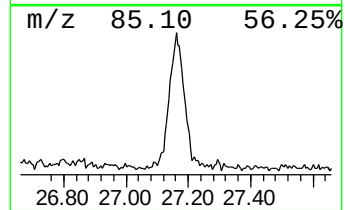
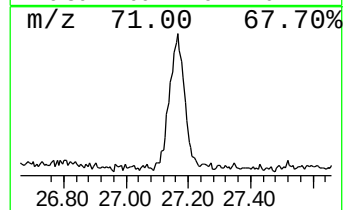
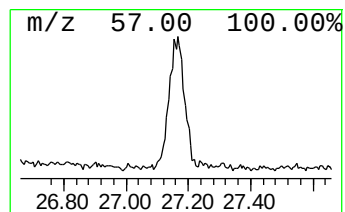
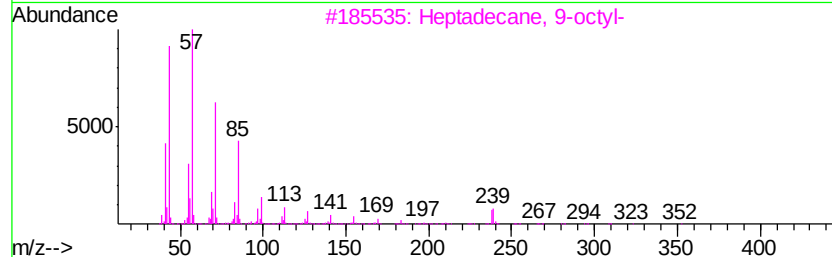
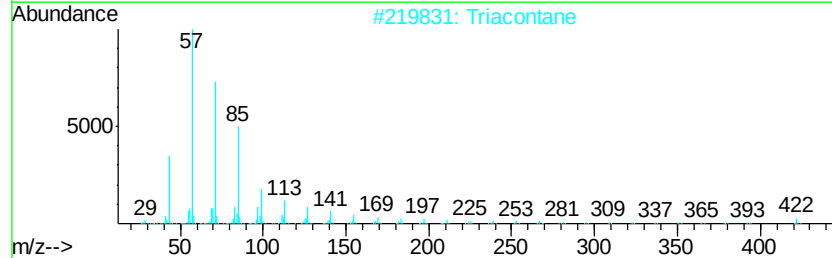
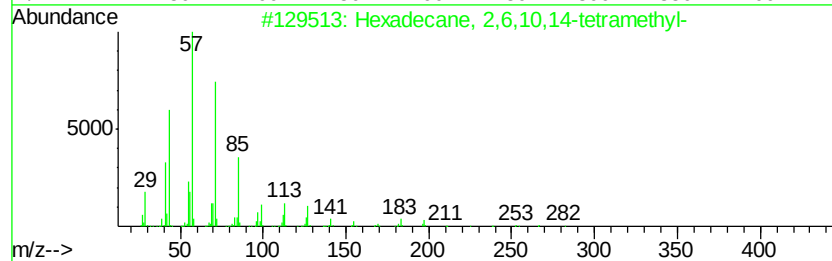
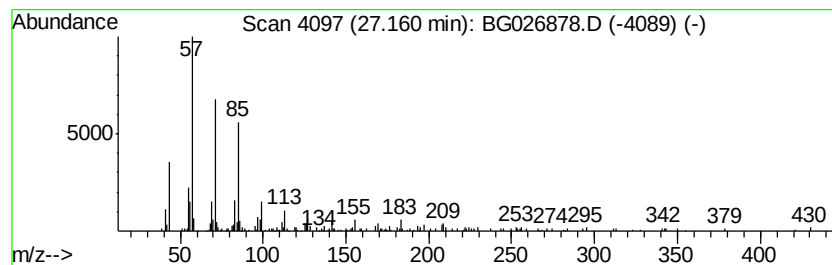
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.16	2.03 ng/ul	269669	Perylene-d12	24.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	89
2		Triacontane	422	C30H62	000638-68-6	87
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83
4		Docosane, 11-butyl-	366	C26H54	013475-76-8	83
5		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	83



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050617\
Data File : BG026878.D
Acq On : 6 May 2017 12:11
Operator : SJ/MA
Sample : I2842-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDC36

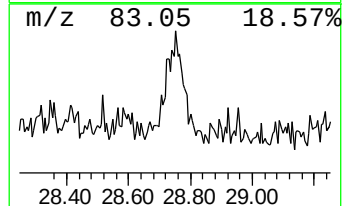
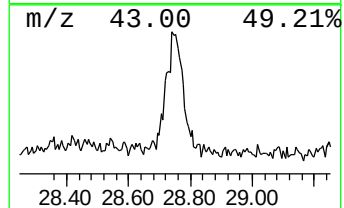
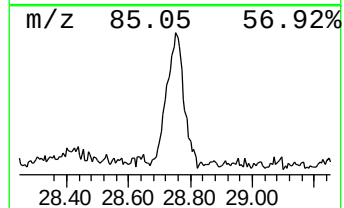
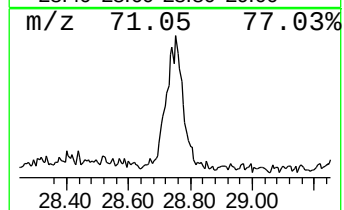
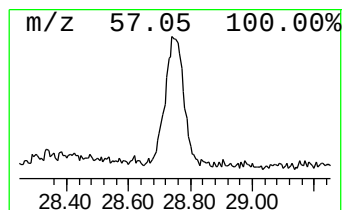
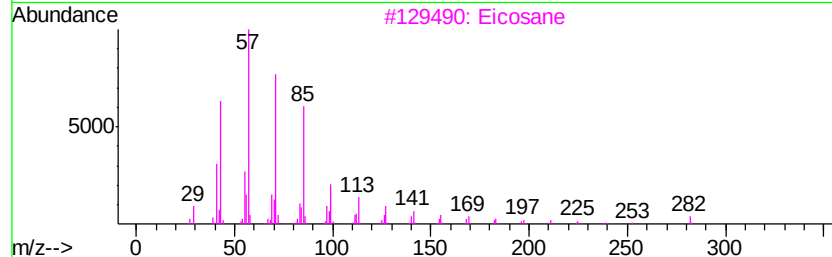
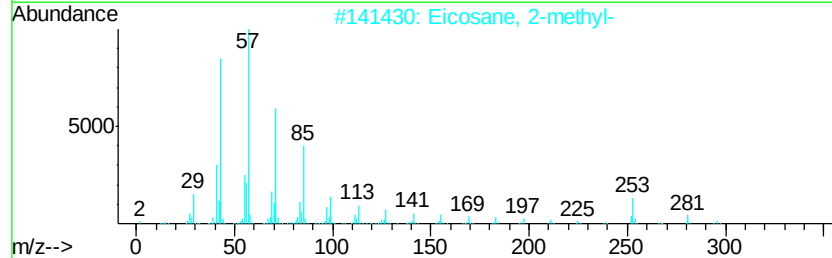
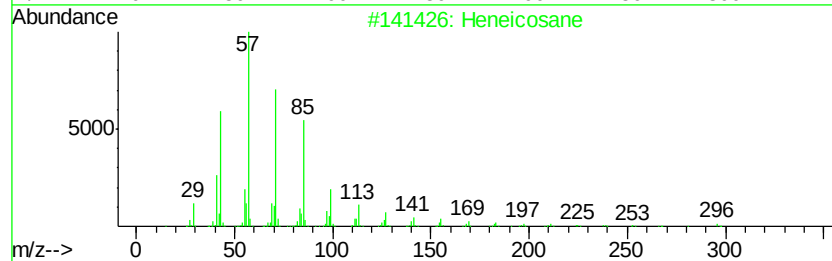
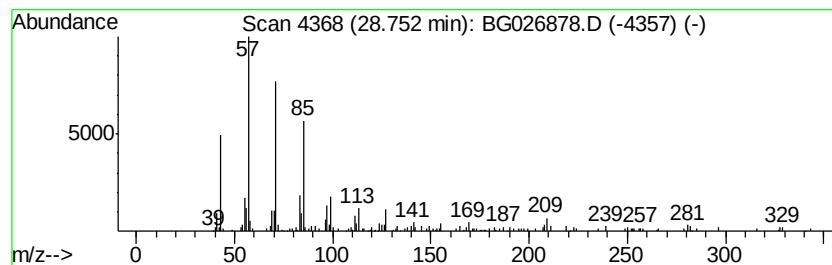
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Quant Title : SVOA CALIBRATION

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.
28.75	2.04 ng/ul	270449	Perylene-d12	24.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	93
2		Eicosane, 2-methyl-	296	C21H44	001560-84-5	91
3		Eicosane	282	C20H42	000112-95-8	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		2-methyloctacosane	408	C29H60	1000376-72-8	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050617\
Data File : BG026878.D
Acq On : 6 May 2017 12:11
Operator : SJ/MA
Sample : I2842-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

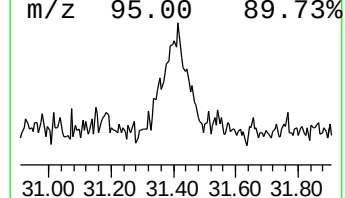
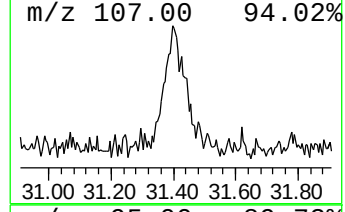
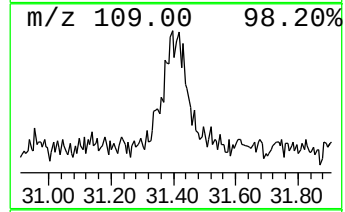
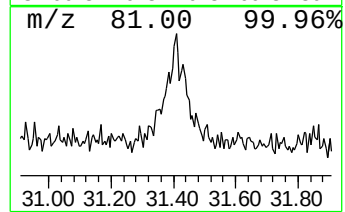
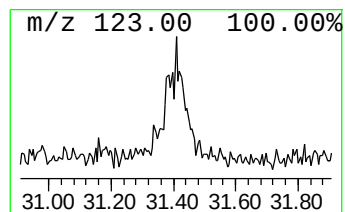
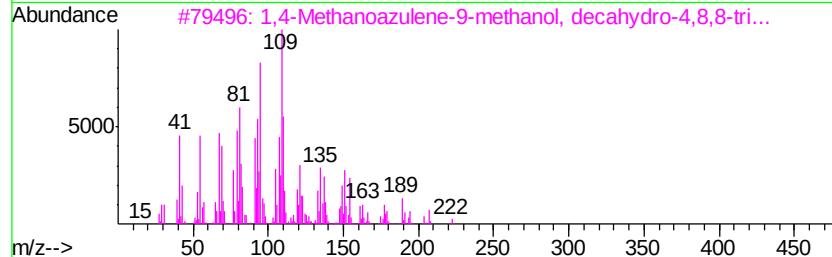
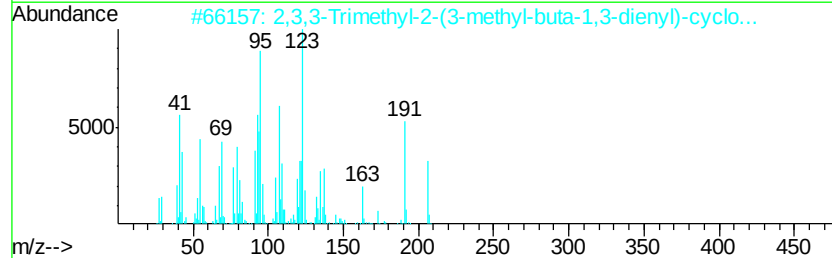
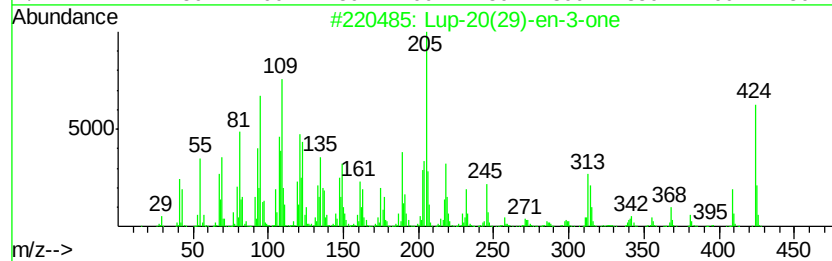
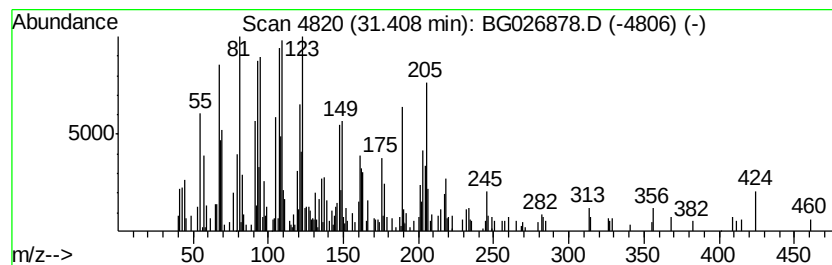
Instrument :
BNA_G
ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Lup-20(29)-en-3-one Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.41	3.25 ng/ul	430845	Perylene-d12	24.77
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Lup-20(29)-en-3-one	424 C30H48O	001617-70-5 89
2		2,3,3-Trimethyl-2-(3-methyl-buta...	206 C14H22O	1000193-60-6 53
3		1,4-Methanoazulene-9-methanol, d...	222 C15H26O	001139-17-9 30
4		Naphthalene, decahydro-4a-methyl...	204 C15H24	017066-67-0 25
5		3-(Trifluoromethoxy)benzamide	205 C8H6F3N02	000658-91-3 18



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050617\
Data File : BG026878.D
Acq On : 6 May 2017 12:11
Operator : SJ/MA
Sample : I2842-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDC36

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	3.5	ng/ul	386963	4	17.35	2244350	20.0
(DEL) Alkane: Str...	20.25	3.2	ng/ul	372725	5	21.60	2324360	20.0
(DEL) Alkane: Str...	25.85	2.1	ng/ul	275954	6	24.77	2651520	20.0
(DEL) Alkane: Str...	27.16	2.0	ng/ul	269669	6	24.77	2651520	20.0
(DEL) Alkane: Str...	28.75	2.0	ng/ul	270449	6	24.77	2651520	20.0
Lup-20(29)-en-3-one	31.41	3.3	ng/ul	430845	6	24.77	2651520	20.0