

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042717\
 Data File : BG026740.D
 Acq On : 28 Apr 2017 10:30
 Operator : SJ/MA
 Sample : I2807-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHT27

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	3.120	3	5	10	rVB4	8037	7836	0.26%	0.018%
2	3.173	11	14	16	rVB3	6874	7848	0.26%	0.018%
3	3.431	53	58	68	rBV	23773	41272	1.36%	0.096%
4	3.960	141	148	153	rBV7	4898	11143	0.37%	0.026%
5	4.183	182	186	195	rBV8	10384	20154	0.66%	0.047%
6	4.736	277	280	286	rVB6	4281	7824	0.26%	0.018%
7	4.918	305	311	316	rBV6	3621	7241	0.24%	0.017%
8	7.192	690	698	715	rBV	479987	940418	30.89%	2.179%
9	7.333	715	722	735	rVV	427869	696865	22.89%	1.614%
10	7.550	750	759	774	rBV	512782	908187	29.83%	2.104%
11	8.008	824	837	849	rBV	561976	984770	32.35%	2.281%
12	8.731	952	960	986	rVV	625072	1232910	40.50%	2.856%
13	9.166	1027	1034	1052	rVV	474161	852169	27.99%	1.974%
14	9.324	1056	1061	1066	rBV6	5616	10276	0.34%	0.024%
15	9.389	1066	1072	1081	rVB9	5536	13062	0.43%	0.030%
16	9.589	1102	1106	1111	rVB3	10353	16579	0.54%	0.038%
17	9.888	1147	1157	1167	rBV	393277	723728	23.77%	1.677%
18	10.447	1243	1252	1271	rBV	578674	1233834	40.53%	2.858%
19	10.811	1301	1314	1325	rBV	931481	1677685	55.11%	3.887%
20	10.946	1329	1337	1356	rBV	591352	1149333	37.75%	2.663%
21	11.334	1398	1403	1413	rVB8	9676	20170	0.66%	0.047%
22	11.716	1458	1468	1484	rVV	485167	1081274	35.52%	2.505%
23	11.816	1484	1485	1492	rVV4	4725	8744	0.29%	0.020%
24	12.274	1557	1563	1569	rBV3	9073	17046	0.56%	0.039%
25	12.391	1578	1583	1592	rBV2	14490	30433	1.00%	0.071%
26	12.685	1628	1633	1636	rVB5	3588	5998	0.20%	0.014%
27	13.079	1695	1700	1706	rVB10	2839	7800	0.26%	0.018%
28	13.173	1706	1716	1722	rBV8	3530	10176	0.33%	0.024%
29	13.237	1722	1727	1732	rVB8	8336	12548	0.41%	0.029%
30	13.443	1753	1762	1768	rBV6	8879	19840	0.65%	0.046%
31	13.520	1771	1775	1780	rVB6	5824	10387	0.34%	0.024%
32	13.819	1825	1826	1835	rVV8	2712	6249	0.21%	0.014%
33	13.943	1843	1847	1853	rBV9	5907	10930	0.36%	0.025%
34	14.025	1854	1861	1865	rVV	1223109	1770690	58.16%	4.102%

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35	14.072	1865	1869	1878	rVV	271076	415265	13.64%	0.962%
36	14.213	1889	1893	1899	rVB8	4681	10105	0.33%	0.023%
37	14.313	1899	1910	1920	rBV	1478538	2361838	77.58%	5.472%
38	14.507	1939	1943	1950	rBV	32830	46366	1.52%	0.107%
39	14.618	1952	1962	1973	rVB2	1342552	2232144	73.32%	5.171%
40	14.847	1992	2001	2015	rBV	248571	636321	20.90%	1.474%
41	15.006	2024	2028	2031	rBV6	6990	13354	0.44%	0.031%
42	15.065	2036	2038	2041	rVB3	7912	6637	0.22%	0.015%
43	15.124	2045	2048	2056	rVB7	10771	17816	0.59%	0.041%
44	15.188	2057	2059	2064	rBV5	6476	9690	0.32%	0.022%
45	15.347	2081	2086	2090	rBV6	10815	14492	0.48%	0.034%
46	15.411	2092	2097	2101	rBV4	15073	32040	1.05%	0.074%
47	15.453	2101	2104	2110	rVB	79016	98523	3.24%	0.228%
48	15.517	2110	2115	2119	rVB8	7334	11866	0.39%	0.027%
49	15.611	2119	2131	2143	rBV	1850238	2884823	94.76%	6.683%
50	15.729	2143	2151	2163	rBV	444152	691497	22.71%	1.602%
51	15.858	2165	2173	2179	rBV4	44654	96884	3.18%	0.224%
52	15.899	2179	2180	2185	rVV5	7371	7176	0.24%	0.017%
53	15.952	2185	2189	2193	rVB7	13058	18572	0.61%	0.043%
54	16.011	2194	2199	2206	rBV9	11706	18516	0.61%	0.043%
55	16.069	2206	2209	2214	rBV5	11551	17473	0.57%	0.040%
56	16.187	2223	2229	2236	rVB5	8116	23060	0.76%	0.053%
57	16.310	2246	2250	2261	rBV	94118	202969	6.67%	0.470%
58	16.445	2269	2273	2275	rBV5	3627	6109	0.20%	0.014%
59	16.481	2277	2279	2284	rVB5	7335	8540	0.28%	0.020%
60	16.663	2301	2310	2316	rBV9	16898	46927	1.54%	0.109%
61	16.716	2316	2319	2323	rVV5	15956	21815	0.72%	0.051%
62	16.769	2323	2328	2334	rVV10	12143	26496	0.87%	0.061%
63	16.822	2334	2337	2340	rVB4	11572	12732	0.42%	0.029%
64	16.886	2343	2348	2351	rBV7	13270	22244	0.73%	0.052%
65	16.927	2352	2355	2358	rVB4	7358	8302	0.27%	0.019%
66	17.104	2381	2385	2389	rVV	65326	83447	2.74%	0.193%
67	17.156	2389	2394	2404	rVB4	39753	73949	2.43%	0.171%
68	17.262	2407	2412	2417	rVB9	10147	20033	0.66%	0.046%
69	17.356	2420	2428	2438	rBV	1551640	2303890	75.68%	5.337%
70	17.456	2438	2445	2453	rVB	1870276	2799565	91.96%	6.486%
71	17.568	2462	2464	2471	rVB8	10054	16288	0.54%	0.038%

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72	17.756	2491	2496	2501	rBV9	11675	17891	0.59%	0.041%
73	17.838	2505	2510	2518	rVB2	36325	50649	1.66%	0.117%
74	17.961	2524	2531	2536	rBV2	9491	22388	0.74%	0.052%
75	18.008	2537	2539	2543	rVB5	8450	11338	0.37%	0.026%
76	18.085	2548	2552	2553	rBV4	5940	8275	0.27%	0.019%
77	18.238	2571	2578	2593	rBV3	215795	460446	15.12%	1.067%
78	18.420	2606	2609	2614	rVB7	10978	18920	0.62%	0.044%
79	18.461	2614	2616	2621	rVB6	7485	11558	0.38%	0.027%
80	18.525	2624	2627	2632	rBV	25285	35372	1.16%	0.082%
81	18.737	2660	2663	2667	rVB6	8481	10731	0.35%	0.025%
82	18.784	2667	2671	2675	rBV7	9313	15501	0.51%	0.036%
83	19.148	2729	2733	2737	rBV4	30109	48471	1.59%	0.112%
84	19.366	2752	2770	2781	rBV7	53643	257432	8.46%	0.596%
85	19.501	2788	2793	2804	rBV2	143070	272889	8.96%	0.632%
86	19.736	2825	2833	2848	rBV	2011783	3044362	100.00%	7.053%
87	20.253	2916	2921	2926	rBV5	41449	76020	2.50%	0.176%
88	20.323	2928	2933	2941	rBV2	114398	168385	5.53%	0.390%
89	20.623	2979	2984	2988	rBV8	36034	61779	2.03%	0.143%
90	20.740	3000	3004	3014	rVB5	43299	77279	2.54%	0.179%
91	21.475	3126	3129	3137	rVB2	64200	102668	3.37%	0.238%
92	21.598	3143	3150	3163	rVB	1469180	2337488	76.78%	5.415%
93	21.775	3177	3180	3185	rVB3	50494	69873	2.30%	0.162%
94	22.368	3278	3281	3286	rVB3	36542	52724	1.73%	0.122%
95	23.044	3392	3396	3404	rVB4	80961	148721	4.89%	0.345%
96	24.542	3640	3651	3663	rBV2	1075422	2940969	96.60%	6.813%
97	24.759	3678	3688	3706	rVB2	1009142	2926383	96.12%	6.780%
98	25.846	3866	3873	3881	rVB2	119725	294273	9.67%	0.682%
99	27.162	4089	4097	4110	rVB3	117562	384960	12.65%	0.892%
100	28.749	4360	4367	4380	rVB5	91555	363816	11.95%	0.843%

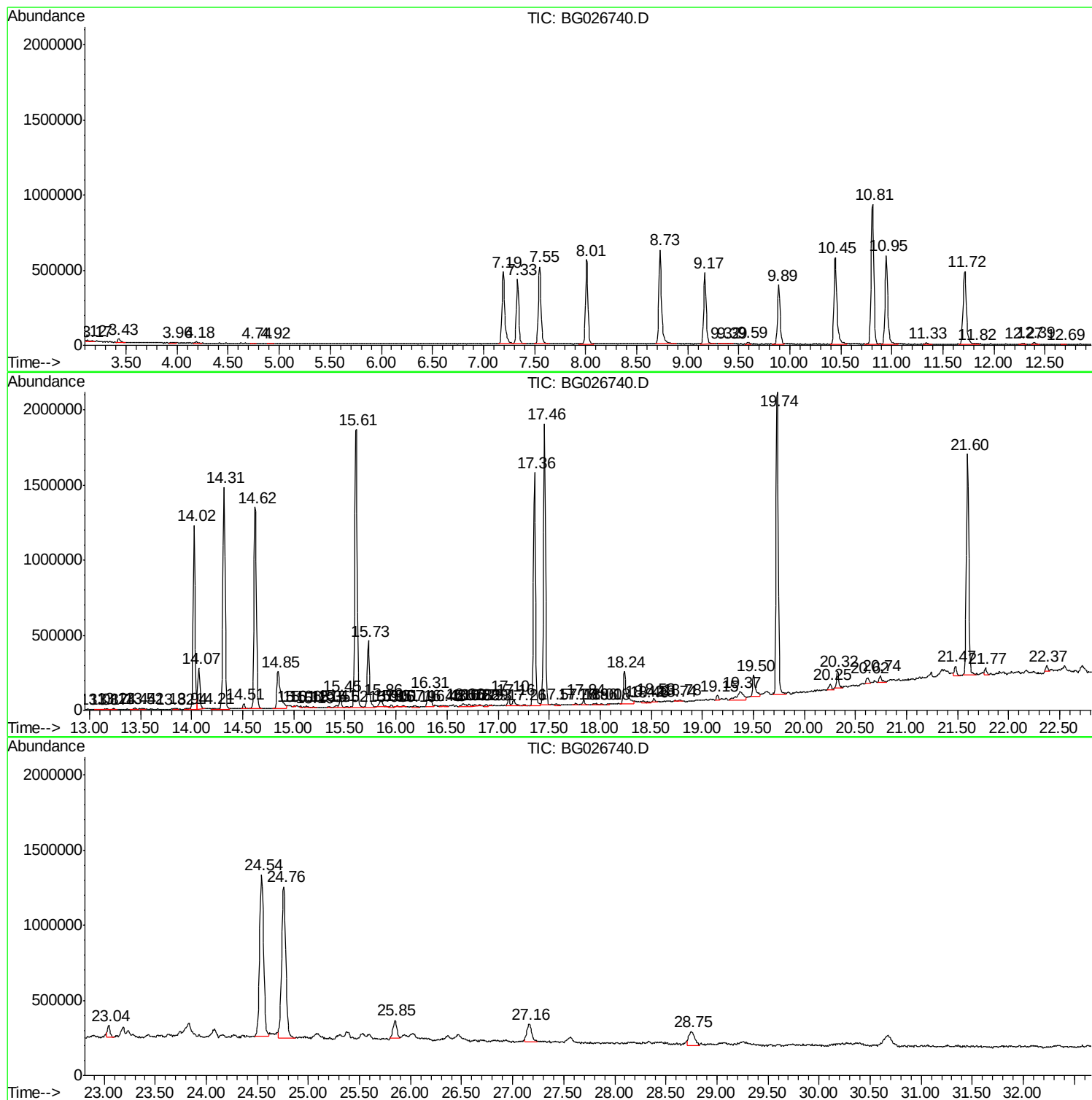
Sum of corrected areas: 43164744

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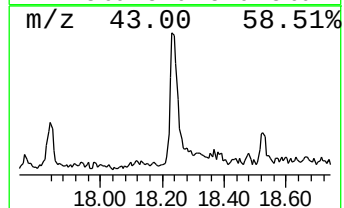
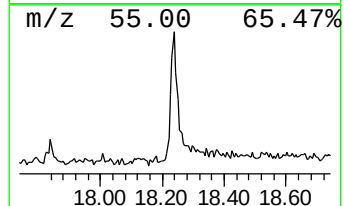
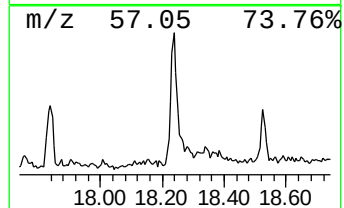
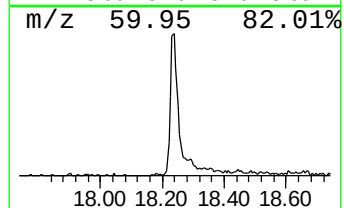
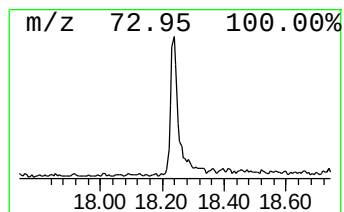
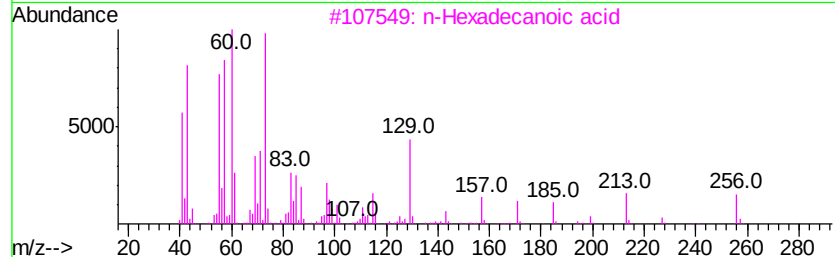
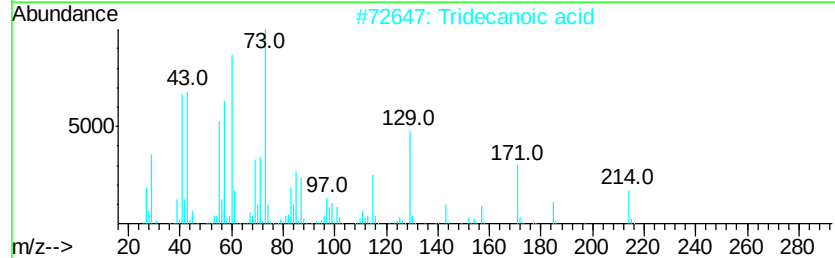
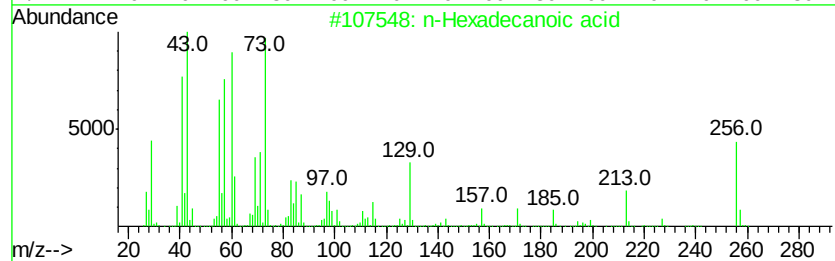
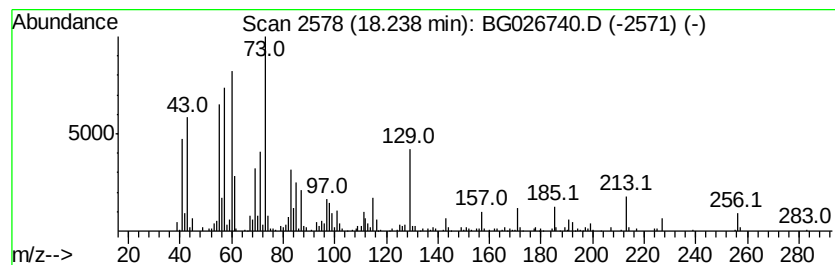
Instrument :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.24	4.00 ng/ul	460446	Phenanthrene-d10	17.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	93



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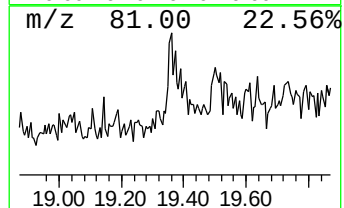
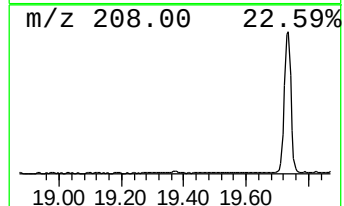
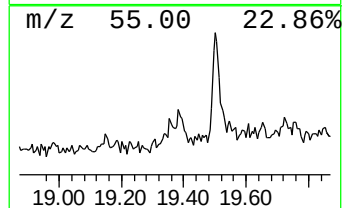
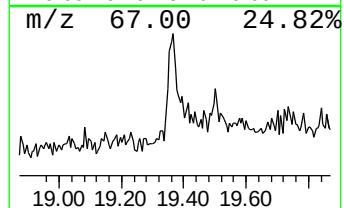
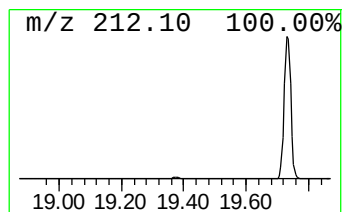
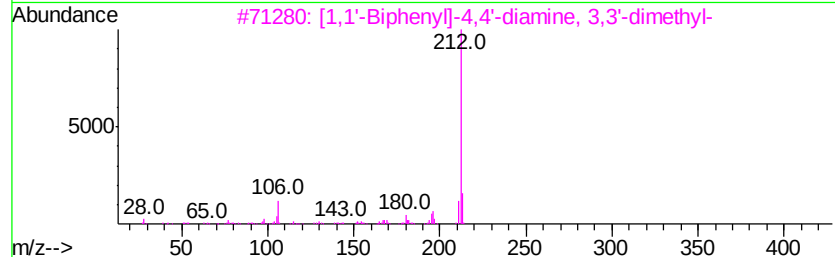
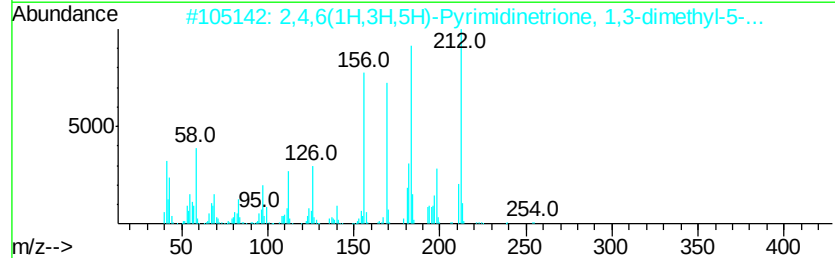
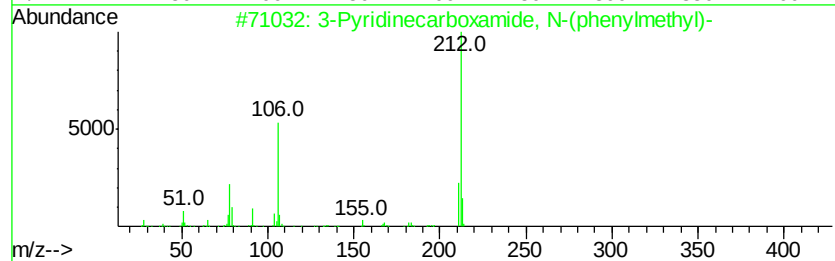
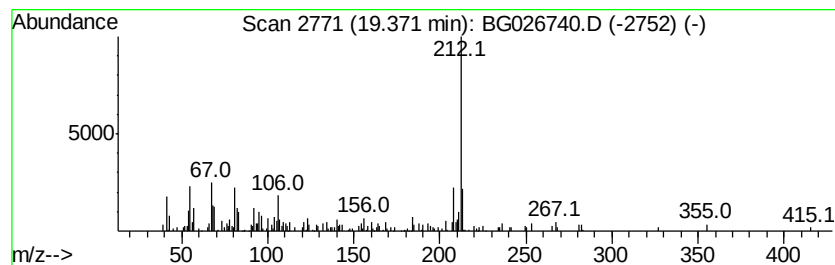
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.37	2.23 ng/ul	257432	Phenanthrene-d10	17.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Pyridinecarboxamide, N-(phenyl...	212	C13H12N2O	002503-55-1	43
2		2,4,6(1H,3H,5H)-Pyrimidinetrione...	254	C12H18N2O4	057397-01-0	38
3		[1,1'-Biphenyl]-4,4'-diamine, 3,...	212	C14H16N2	000119-93-7	35
4		9H-Pyrido(3,4-b)indole, 6-methox...	212	C13H12N2O	003589-72-8	35
5		2,6-Dimethyldibenzothiophene	212	C14H12S	089816-75-1	35



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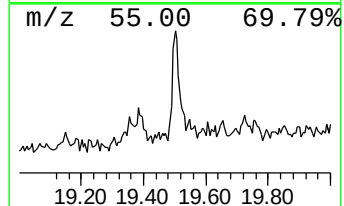
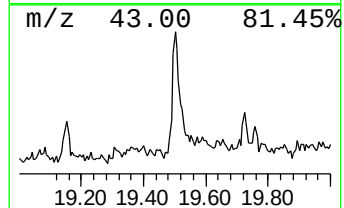
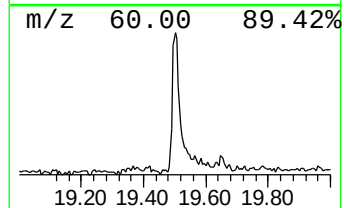
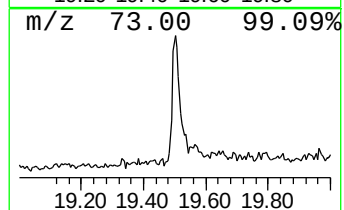
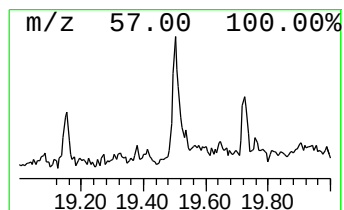
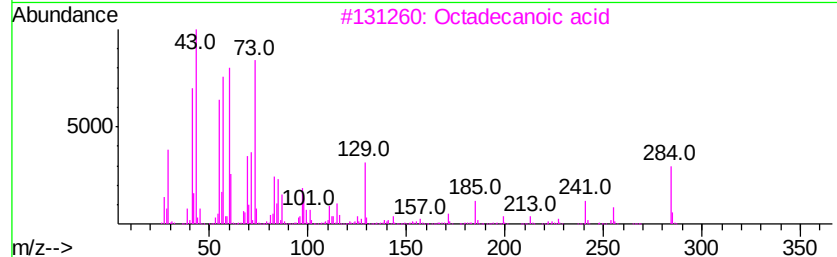
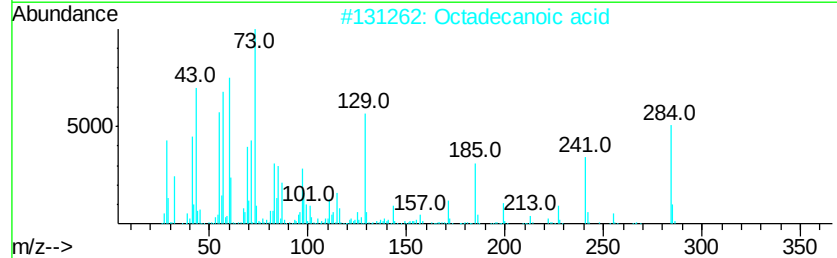
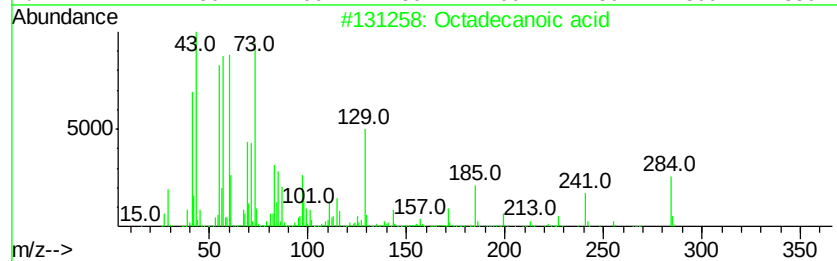
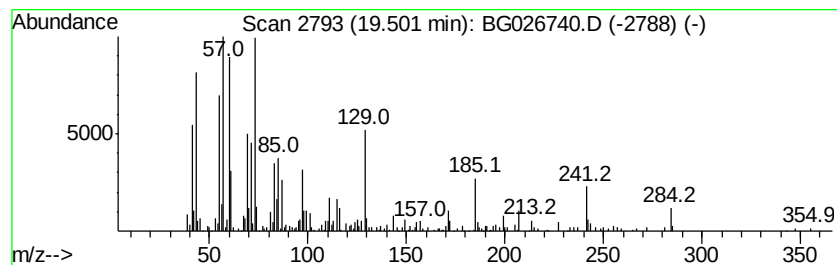
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Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.50	2.33 ng/ul	272889	Chrysene-d12		21.60	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid		284	C18H36O2	000057-11-4	96
2	Octadecanoic acid		284	C18H36O2	000057-11-4	96
3	Octadecanoic acid		284	C18H36O2	000057-11-4	95
4	Octadecanoic acid		284	C18H36O2	000057-11-4	95
5	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	72



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042717\
Data File : BG026740.D
Acq On : 28 Apr 2017 10:30
Operator : SJ/MA
Sample : I2807-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHT27

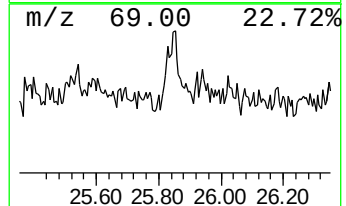
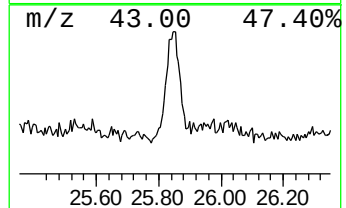
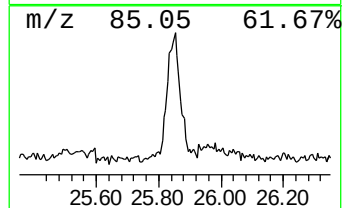
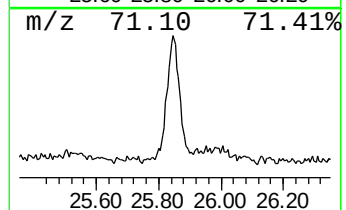
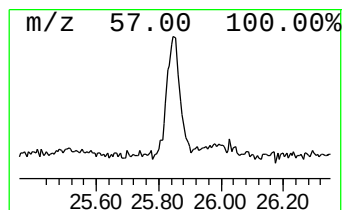
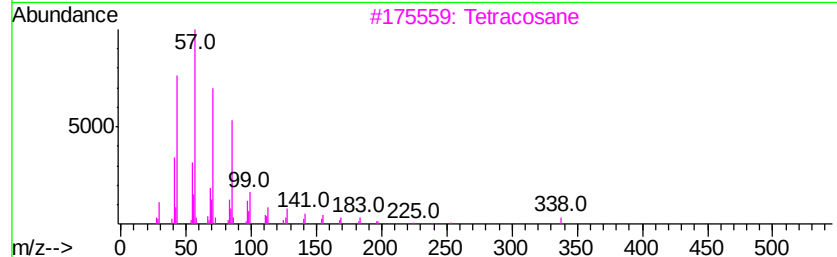
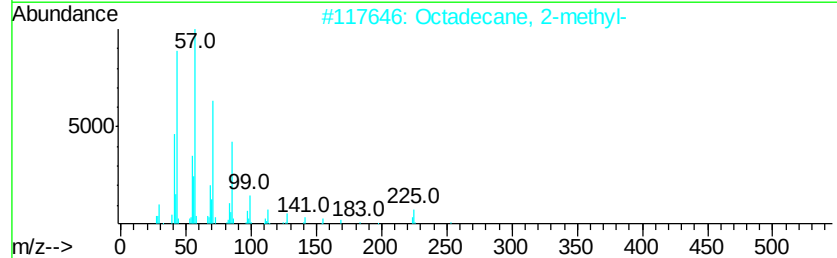
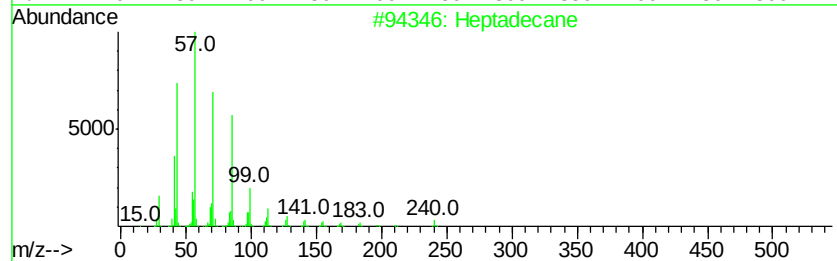
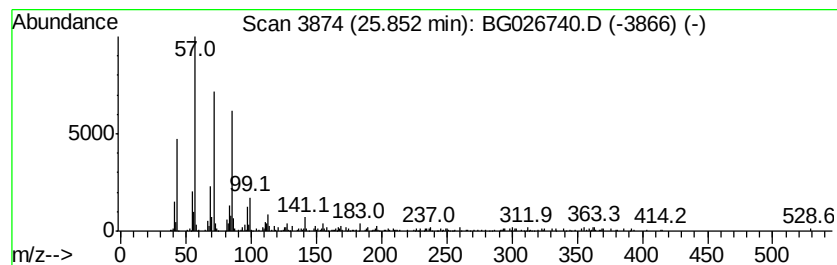
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.85	2.01 ng/ul	294273	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	87
2		Octadecane, 2-methyl-	268	C19H40	001560-88-9	86
3		Tetracosane	338	C24H50	000646-31-1	86
4		Nonadecane	268	C19H40	000629-92-5	81
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	80



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042717\
Data File : BG026740.D
Acq On : 28 Apr 2017 10:30
Operator : SJ/MA
Sample : I2807-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHT27

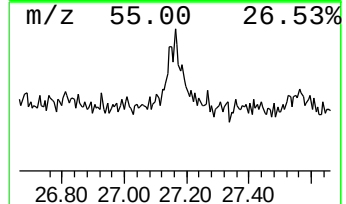
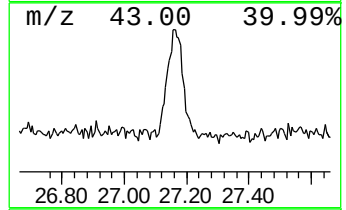
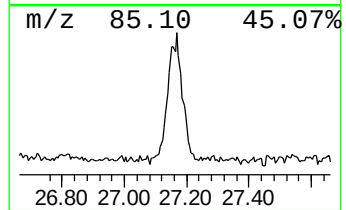
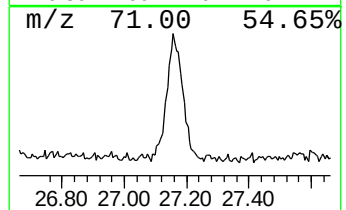
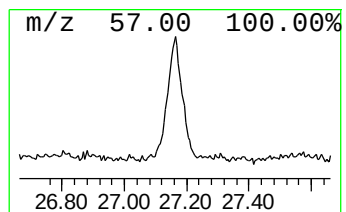
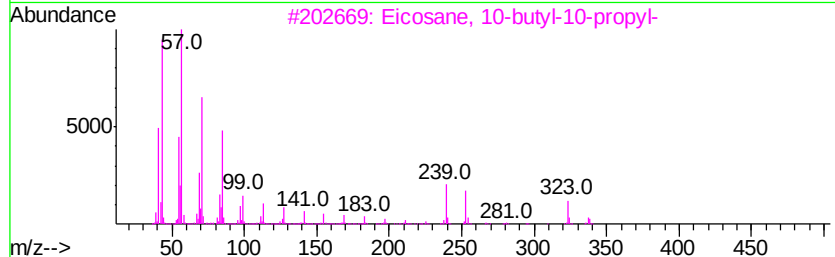
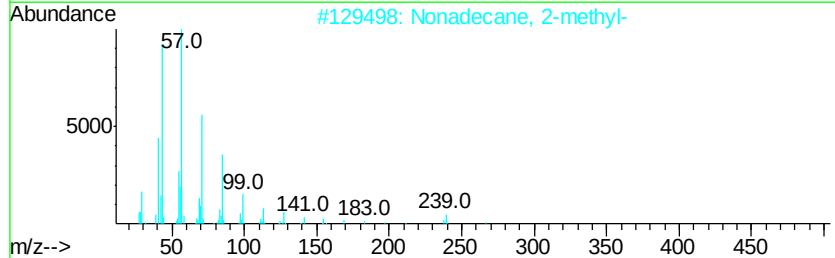
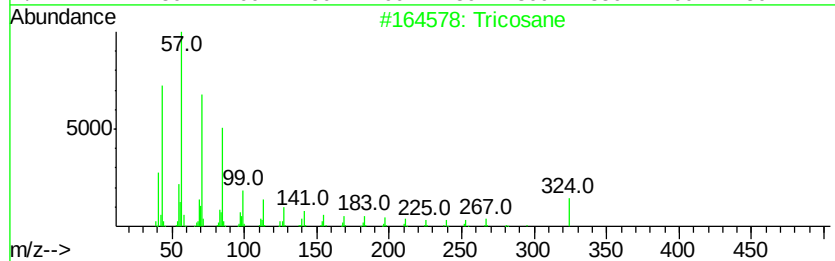
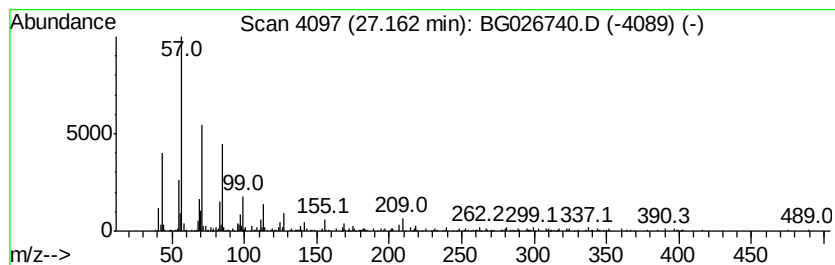
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.16	2.63 ng/ul	384960	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricosane	324	C23H48	000638-67-5	90
2		Nonadecane, 2-methyl-	282	C20H42	001560-86-7	86
3		Eicosane, 10-butyl-10-propyl-	380	C27H56	055282-33-2	86
4		Eicosane, 2-methyl-	296	C21H44	001560-84-5	86
5		Tetracosane	338	C24H50	000646-31-1	80



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042717\
Data File : BG026740.D
Acq On : 28 Apr 2017 10:30
Operator : SJ/MA
Sample : I2807-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHT27

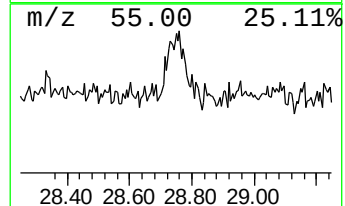
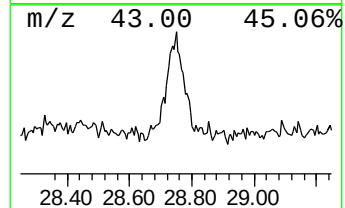
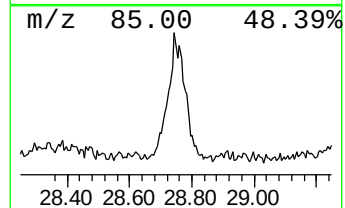
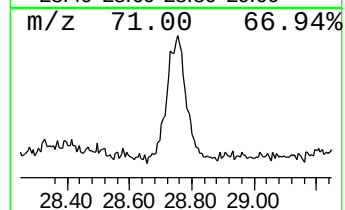
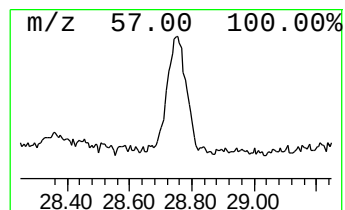
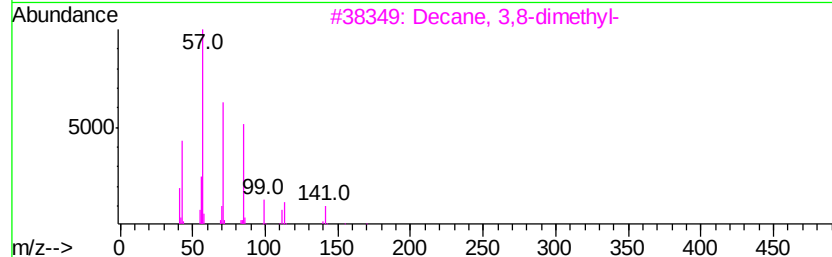
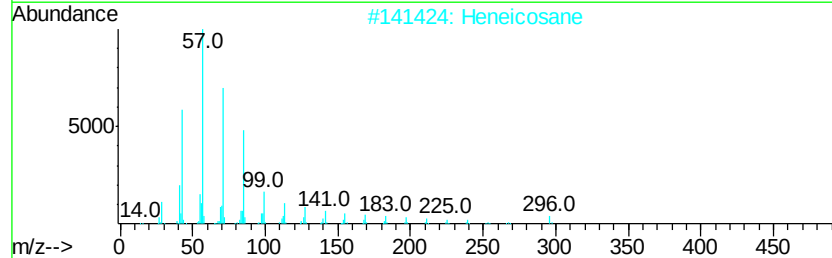
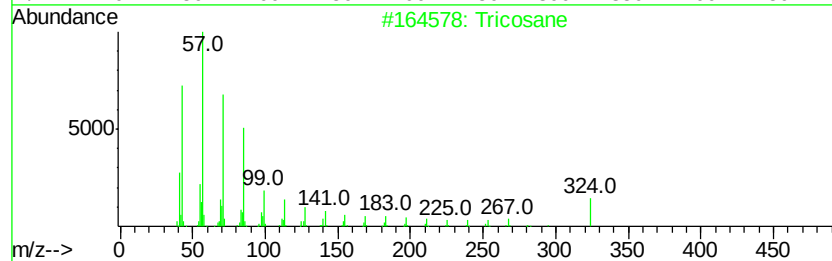
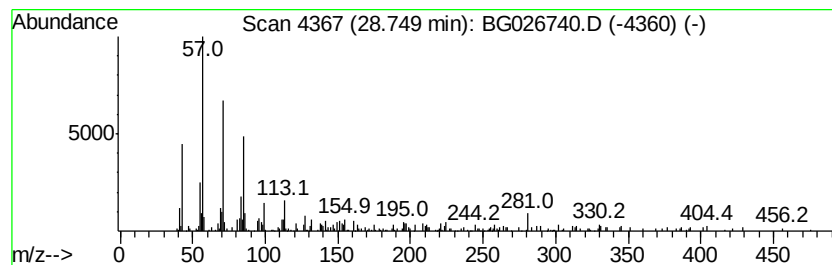
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.75	2.49 ng/ul	363816	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricosane	324	C23H48	000638-67-5	90
2		Heneicosane	296	C21H44	000629-94-7	90
3		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	81
4		Tricosane	324	C23H48	000638-67-5	81
5		Tricosane	324	C23H48	000638-67-5	81



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042717\
Data File : BG026740.D
Acq On : 28 Apr 2017 10:30
Operator : SJ/MA
Sample : I2807-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHT27

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	4.0	ng/ul	460446	4	17.36	2303890	20.0
unknown-01	19.37	2.2	ng/ul	257432	4	17.36	2303890	20.0
Octadecanoic acid	19.50	2.3	ng/ul	272889	5	21.60	2337490	20.0
(DEL) Alkane: Str...	25.85	2.0	ng/ul	294273	6	24.76	2926380	20.0
(DEL) Alkane: Str...	27.16	2.6	ng/ul	384960	6	24.76	2926380	20.0
(DEL) Alkane: Str...	28.75	2.5	ng/ul	363816	6	24.76	2926380	20.0