

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
 Data File : BG027499.D
 Acq On : 17 Jun 2017 9:15
 Operator : SJ/MA
 Sample : I3599-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 F5A73

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	4.081	28	33	44	rVB3	9759	18225	1.23%	0.120%
2	6.613	460	464	473	rBV6	2033	4050	0.27%	0.027%
3	7.659	635	642	651	rBV5	9296	19918	1.34%	0.131%
4	7.829	663	671	683	rBV	147438	257767	17.33%	1.700%
5	8.053	702	709	717	rBV4	2576	5312	0.36%	0.035%
6	8.523	781	789	805	rBV2	164341	343794	23.12%	2.267%
7	8.834	837	842	852	rBV5	2242	6759	0.45%	0.045%
8	9.192	897	903	914	rVB2	28343	52570	3.54%	0.347%
9	9.680	975	986	999	rBV	169393	326013	21.92%	2.150%
10	11.337	1260	1268	1282	rVB	268466	515893	34.69%	3.401%
11	11.460	1282	1289	1306	rVB	225445	442059	29.73%	2.915%
12	12.882	1526	1531	1540	rVB3	3740	6456	0.43%	0.043%
13	12.959	1540	1544	1551	rBV3	1679	2836	0.19%	0.019%
14	13.458	1621	1629	1634	rVB6	4383	6801	0.46%	0.045%
15	13.699	1663	1670	1674	rBV3	5423	7827	0.53%	0.052%
16	13.752	1674	1679	1686	rVB2	3315	5223	0.35%	0.034%
17	13.899	1698	1704	1709	rBV5	2057	3438	0.23%	0.023%
18	13.957	1709	1714	1722	rVB4	2018	3981	0.27%	0.026%
19	14.492	1795	1805	1809	rVV	333035	530668	35.69%	3.499%
20	14.533	1809	1812	1826	rVB	188142	286661	19.28%	1.890%
21	14.710	1838	1842	1848	rVB3	2610	4004	0.27%	0.026%
22	14.804	1848	1858	1868	rBV	520896	838387	56.38%	5.528%
23	14.956	1878	1884	1889	rVB2	11253	16528	1.11%	0.109%
24	15.103	1902	1909	1917	rBV2	445399	772002	51.92%	5.090%
25	15.168	1917	1920	1926	rVB5	2727	4295	0.29%	0.028%
26	15.415	1951	1962	1965	rBV5	2806	6678	0.45%	0.044%
27	15.456	1965	1969	1973	rVV5	2200	3620	0.24%	0.024%
28	15.503	1973	1977	1985	rVB6	3893	6723	0.45%	0.044%
29	15.573	1985	1989	1994	rBV4	3905	6069	0.41%	0.040%
30	15.644	1995	2001	2006	rVB3	3144	5446	0.37%	0.036%
31	15.855	2033	2037	2040	rBV3	4300	5884	0.40%	0.039%
32	15.902	2040	2045	2052	rVB	24298	32675	2.20%	0.215%
33	15.961	2052	2055	2060	rBV4	1958	3907	0.26%	0.026%
34	16.090	2070	2077	2085	rVV	703701	1131492	76.09%	7.460%

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35	16.149	2085	2087	2092	rVB3	4931	6015	0.40%	0.040%
36	16.331	2102	2118	2124	rBV7	9257	32277	2.17%	0.213%
37	16.402	2127	2130	2136	rBV3	2028	2990	0.20%	0.020%
38	16.455	2136	2139	2148	rVB6	4111	6384	0.43%	0.042%
39	16.531	2148	2152	2157	rBV5	3810	5844	0.39%	0.039%
40	16.707	2177	2182	2186	rBV6	1673	3741	0.25%	0.025%
41	16.766	2186	2192	2206	rVV	29396	50358	3.39%	0.332%
42	16.878	2208	2211	2215	rBV3	2253	2841	0.19%	0.019%
43	16.960	2223	2225	2234	rVB6	2983	5258	0.35%	0.035%
44	17.054	2234	2241	2244	rBV4	2780	5409	0.36%	0.036%
45	17.113	2246	2251	2257	rBV6	3743	10551	0.71%	0.070%
46	17.171	2257	2261	2265	rVV5	2618	4179	0.28%	0.028%
47	17.230	2265	2271	2275	rVV4	2884	4369	0.29%	0.029%
48	17.277	2275	2279	2286	rBV3	4361	5839	0.39%	0.038%
49	17.348	2286	2291	2293	rBV5	2391	3571	0.24%	0.024%
50	17.559	2321	2327	2331	rBV	22807	28545	1.92%	0.188%
51	17.612	2333	2336	2345	rVB8	4818	8856	0.60%	0.058%
52	17.724	2350	2355	2359	rVB6	1915	3374	0.23%	0.022%
53	17.853	2370	2377	2388	rVV2	605038	1029631	69.24%	6.789%
54	17.953	2388	2394	2405	rVB2	764242	1290119	86.76%	8.506%
55	18.035	2405	2408	2413	rBV5	2402	3310	0.22%	0.022%
56	18.100	2416	2419	2428	rVB5	3731	8122	0.55%	0.054%
57	18.299	2449	2453	2461	rVV	10365	14241	0.96%	0.094%
58	18.476	2475	2483	2490	rVB4	7820	12985	0.87%	0.086%
59	18.576	2496	2500	2502	rBV5	2974	3315	0.22%	0.022%
60	18.699	2516	2521	2529	rBV8	4849	13003	0.87%	0.086%
61	18.775	2530	2534	2542	rVB	5818	9514	0.64%	0.063%
62	18.916	2551	2558	2563	rVV9	2021	3267	0.22%	0.022%
63	18.975	2565	2568	2573	rVB4	5067	6834	0.46%	0.045%
64	19.040	2573	2579	2581	rBV8	1951	3125	0.21%	0.021%
65	19.104	2586	2590	2595	rVB6	3445	5617	0.38%	0.037%
66	19.228	2606	2611	2613	rBV6	2423	3379	0.23%	0.022%
67	19.381	2634	2637	2641	rBV6	1971	2634	0.18%	0.017%
68	19.433	2645	2646	2649	rVB3	2862	2495	0.17%	0.016%
69	19.486	2649	2655	2656	rBV4	3413	5003	0.34%	0.033%
70	19.551	2661	2666	2671	rBV8	2553	6096	0.41%	0.040%
71	19.604	2671	2675	2682	rVV9	4428	8498	0.57%	0.056%

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72	19.680	2687	2688	2694	rVB4	1686	2740	0.18%	0.018%
73	19.733	2694	2697	2704	rBV8	2896	5852	0.39%	0.039%
74	19.862	2709	2719	2721	rVV5	10195	21877	1.47%	0.144%
75	19.886	2721	2723	2731	rVB	8667	12818	0.86%	0.085%
76	19.974	2732	2738	2741	rBV8	3431	5421	0.36%	0.036%
77	20.097	2751	2759	2767	rBV	236392	293464	19.73%	1.935%
78	20.168	2768	2771	2773	rVV4	4389	5671	0.38%	0.037%
79	20.227	2773	2781	2791	rVB	948240	1487029	100.00%	9.805%
80	20.373	2799	2806	2811	rBV10	3478	8773	0.59%	0.058%
81	20.479	2822	2824	2828	rBV4	1948	3324	0.22%	0.022%
82	20.714	2859	2864	2867	rBV7	3743	6345	0.43%	0.042%
83	20.791	2874	2877	2882	rBV7	4153	6217	0.42%	0.041%
84	21.155	2934	2939	2946	rVB	153004	189711	12.76%	1.251%
85	21.220	2948	2950	2956	rVB7	6028	8259	0.56%	0.054%
86	21.419	2980	2984	2986	rBV4	4810	7217	0.49%	0.048%
87	21.778	3039	3045	3058	rBV2	52925	122187	8.22%	0.806%
88	22.230	3113	3122	3130	rBV	603005	1158535	77.91%	7.639%
89	22.777	3211	3215	3224	rVB	5873	15959	1.07%	0.105%
90	23.070	3260	3265	3270	rBV5	15454	29256	1.97%	0.193%
91	23.294	3301	3303	3306	rBV3	5110	6887	0.46%	0.045%
92	23.852	3393	3398	3409	rVB4	27607	61267	4.12%	0.404%
93	24.768	3547	3554	3564	rVB2	42570	90672	6.10%	0.598%
94	25.279	3640	3641	3643	rBV2	4405	4184	0.28%	0.028%
95	25.632	3687	3701	3715	rBV2	433623	1438393	96.73%	9.484%
96	25.885	3731	3744	3760	rVB2	356539	1292901	86.95%	8.525%
97	27.148	3948	3959	3973	rBV3	55467	184597	12.41%	1.217%
98	28.717	4215	4226	4239	rVB4	53868	202517	13.62%	1.335%
99	30.603	4531	4547	4558	rBV7	35251	174272	11.72%	1.149%
100	31.936	4767	4774	4775	rBV7	6544	14788	0.99%	0.098%

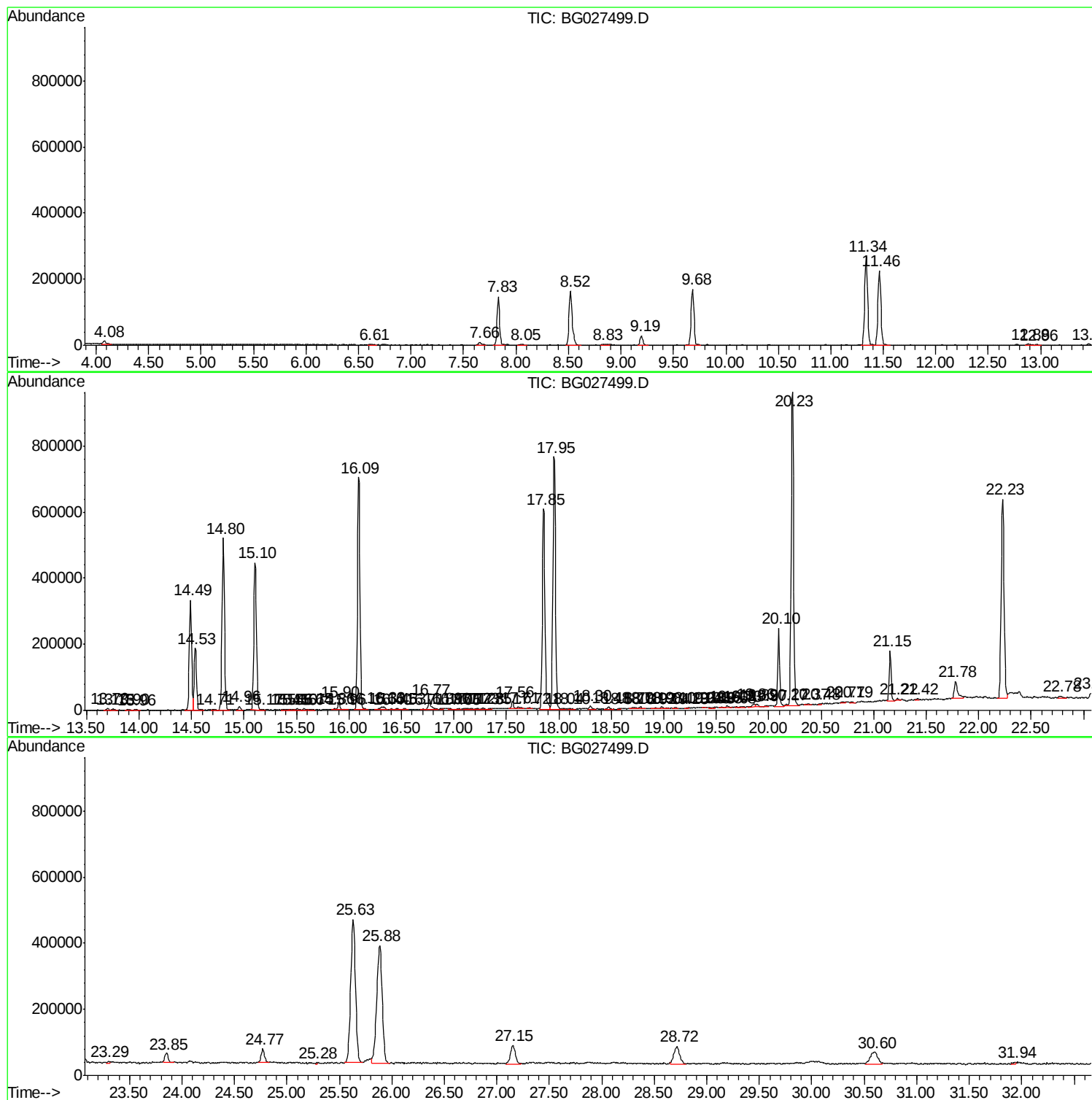
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

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



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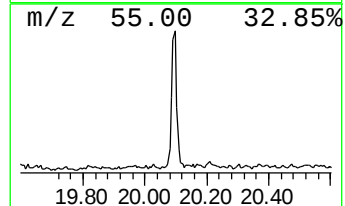
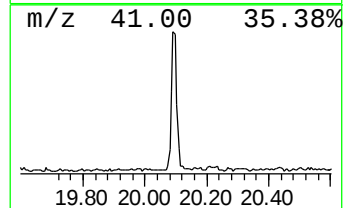
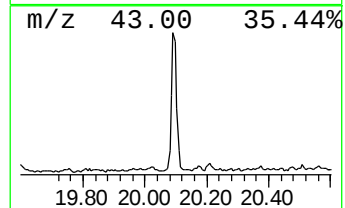
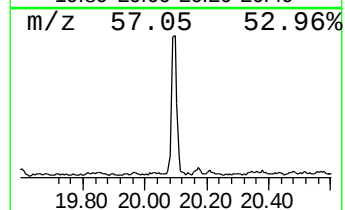
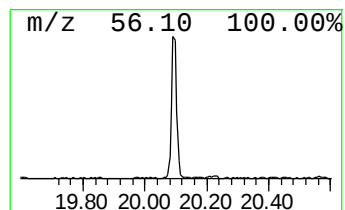
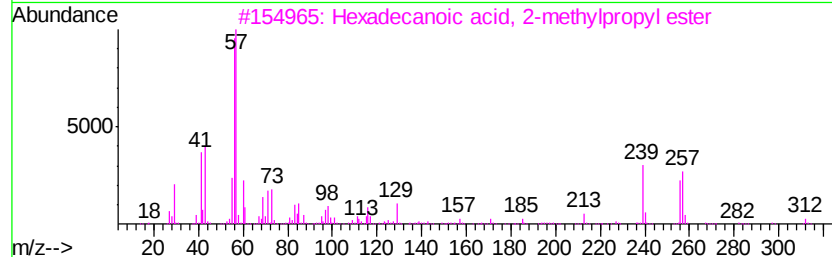
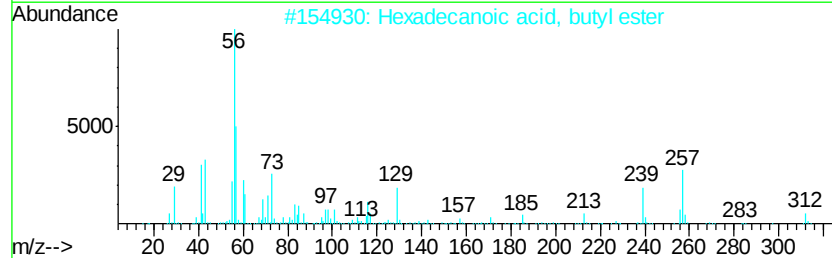
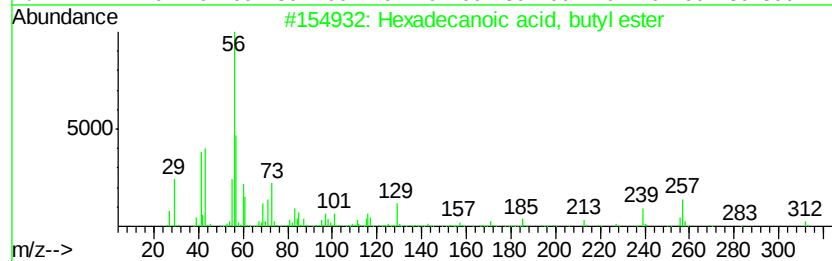
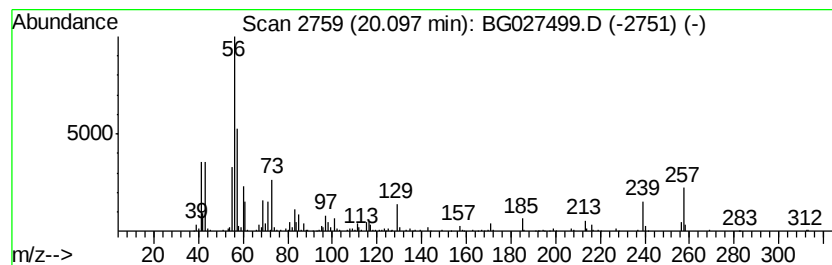
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Hexadecanoic acid, butyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.10	5.07 ng/ul	293464	Chrysene-d12	22.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecanoic acid, butyl ester	312 C20H40O2	000111-06-8	91
2	Hexadecanoic acid, butyl ester	312 C20H40O2	000111-06-8	91
3	Hexadecanoic acid, 2-methylpropy...	312 C20H40O2	000110-34-9	80
4	Hexadecanoic acid, 1,1-dimethyle...	312 C20H40O2	031158-91-5	52
5	Cyclopentanecarboxylic acid, 2-a...	129 C6H11NO2	040482-05-1	38



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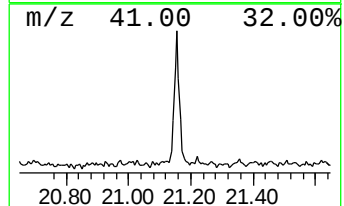
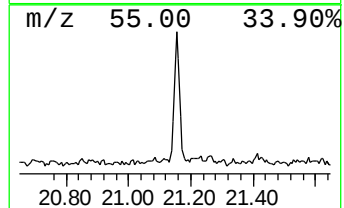
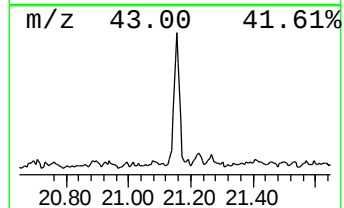
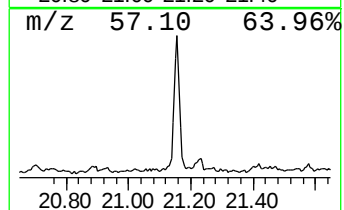
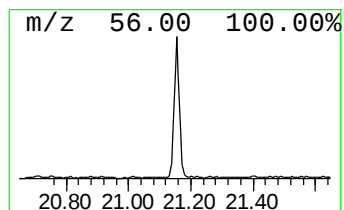
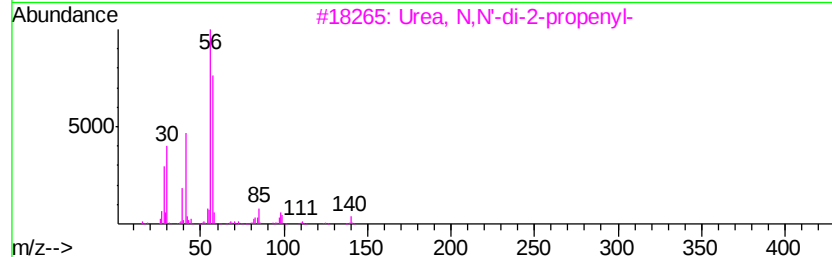
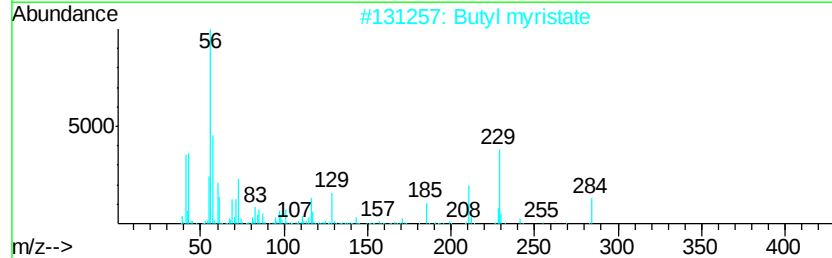
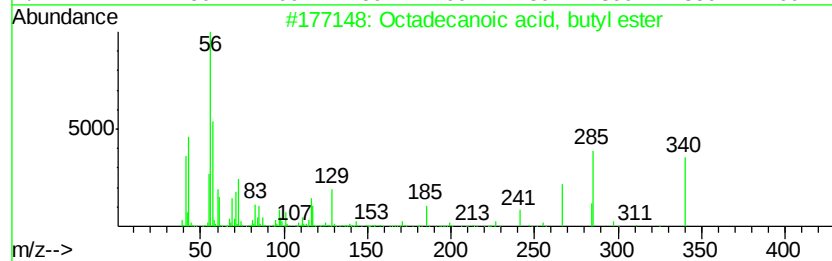
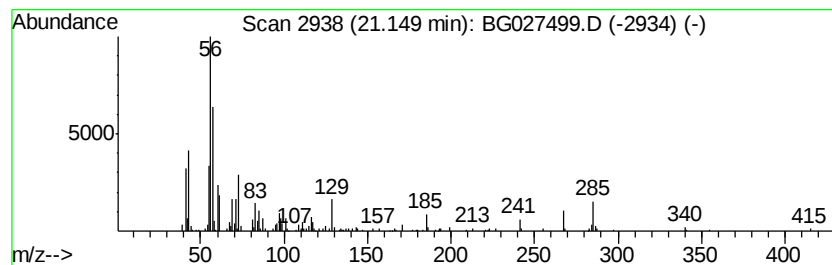
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid, butyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.15	3.28 ng/ul	189711	Chrysene-d12	22.23

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	91
2		Butyl myristate	284	C18H36O2	000110-36-1	72
3		Urea, N,N'-di-2-propenyl-	140	C7H12N2O	001801-72-5	38
4		1-Undecene, 2-methyl-	168	C12H24	018516-37-5	38
5		1-Hexene, 4-methyl-	98	C7H14	003769-23-1	38



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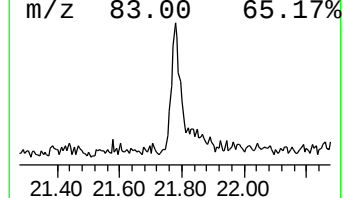
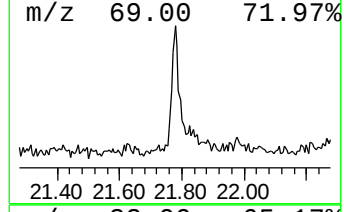
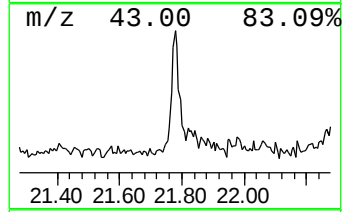
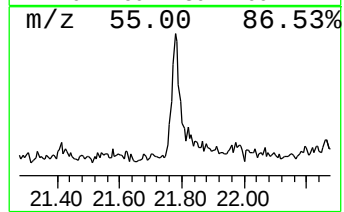
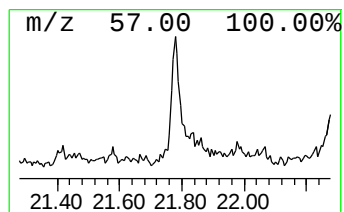
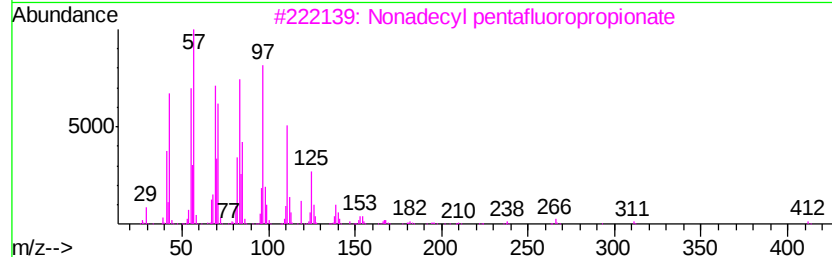
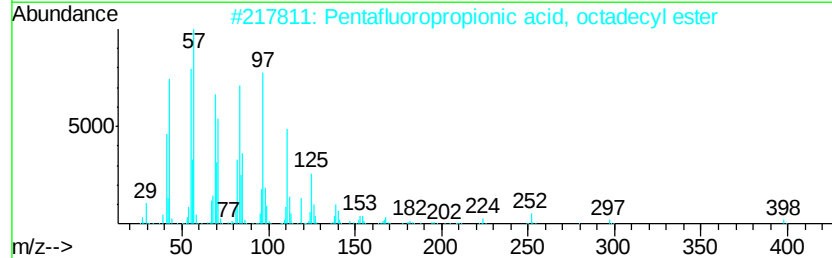
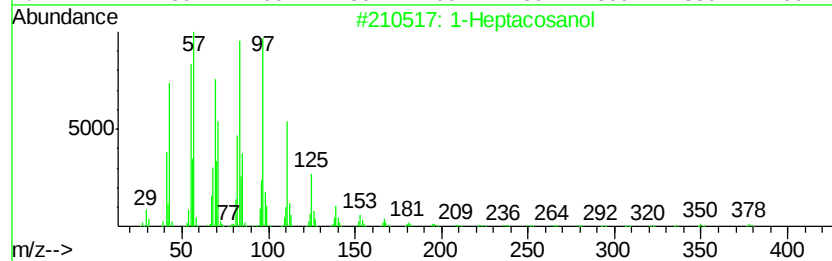
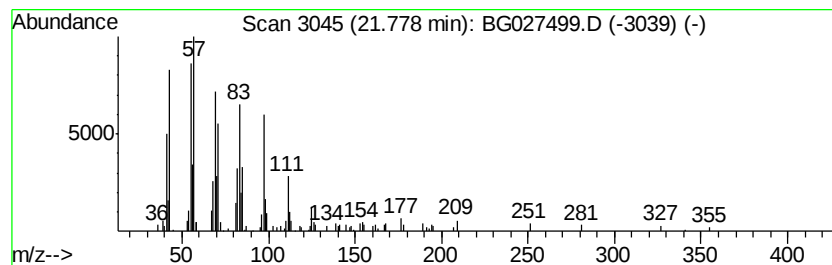
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Peak Number 3 1-Heptacosanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.78	2.11 ng/ul	122187	Chrysene-d12	22.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-Heptacosanol	396 C27H56O	002004-39-9 91
2		Pentafluoropropionic acid, octad...	416 C21H37F5O2	959261-25-7 91
3		Nonadecyl pentafluoropropionate	430 C22H39F5O2	1000351-88-8 91
4		Heptadecyl heptafluorobutyrate	452 C21H35F7O2	959085-66-6 90
5		Heptafluorobutyric acid, n-octad...	466 C22H37F7O2	000400-57-7 90



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027499.D
Acq On : 17 Jun 2017 9:15
Operator : SJ/MA
Sample : I3599-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F5A73

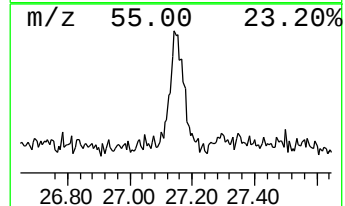
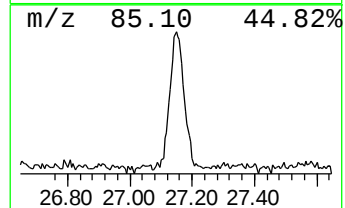
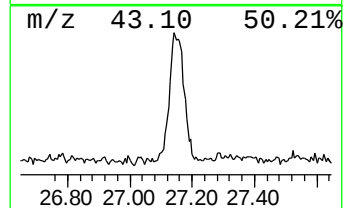
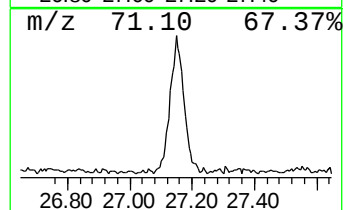
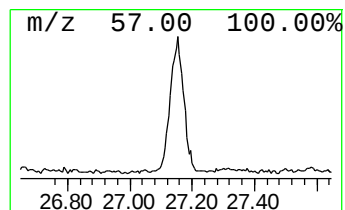
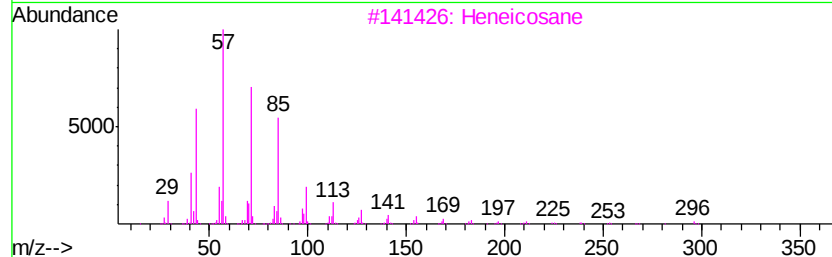
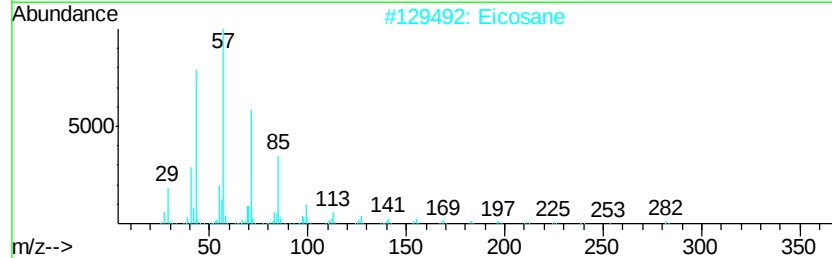
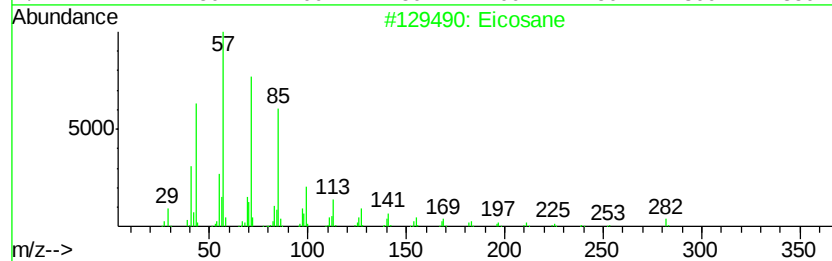
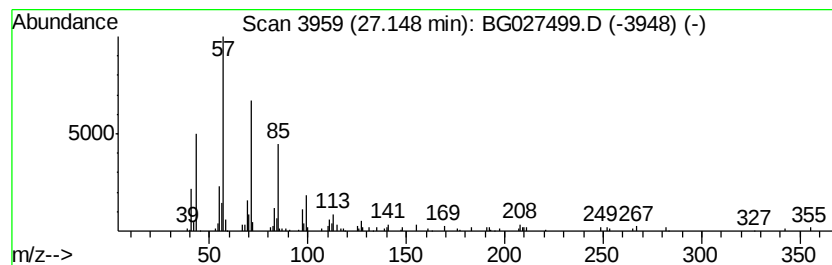
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.15	2.86 ng/ul	184597	Perylene-d12	25.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane			282	C20H42	000112-95-8	93
2	Eicosane			282	C20H42	000112-95-8	91
3	Heneicosane			296	C21H44	000629-94-7	90
4	Octacosane			394	C28H58	000630-02-4	90
5	2-methyloctacosane			408	C29H60	1000376-72-8	90



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027499.D
Acq On : 17 Jun 2017 9:15
Operator : SJ/MA
Sample : I3599-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F5A73

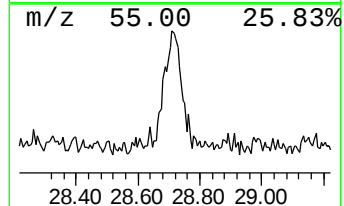
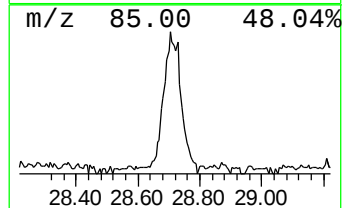
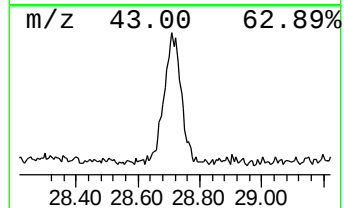
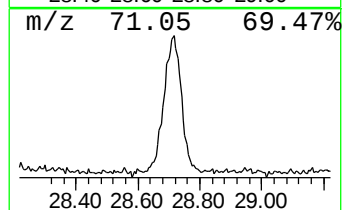
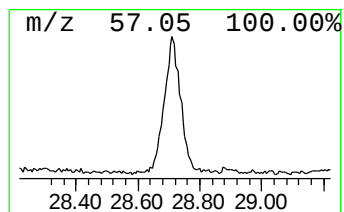
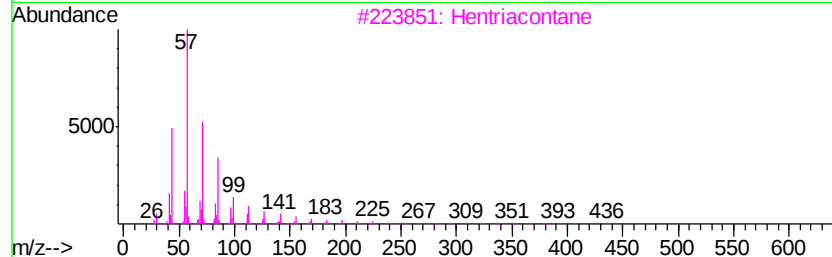
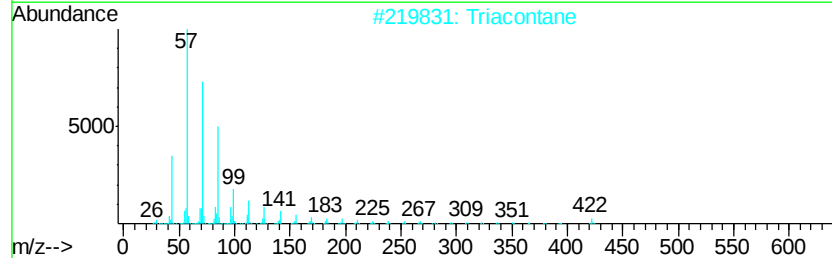
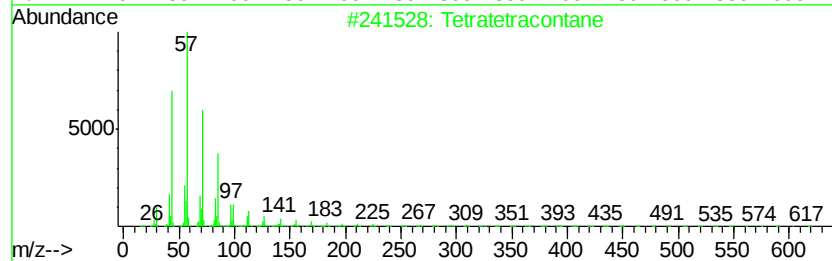
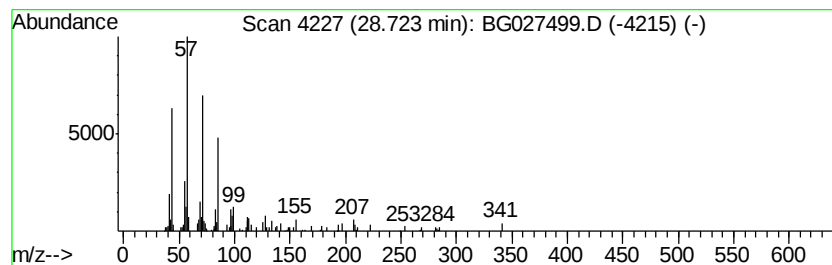
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.72	3.13 ng/ul	202517	Perylene-d12	25.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	90
2		triacontane	422	C30H62	000638-68-6	90
3		hentriacontane	437	C31H64	000630-04-6	90
4		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
5		Pentacosane	352	C25H52	000629-99-2	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027499.D
Acq On : 17 Jun 2017 9:15
Operator : SJ/MA
Sample : I3599-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F5A73

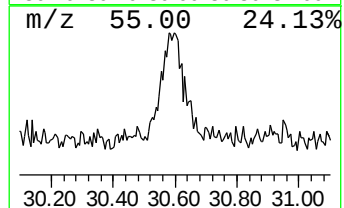
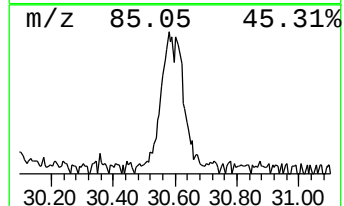
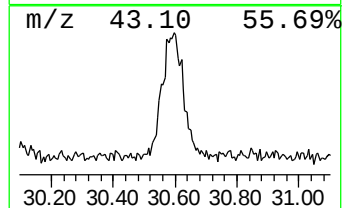
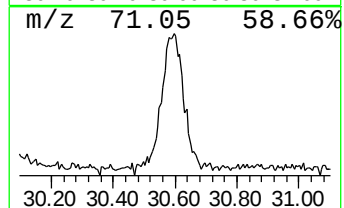
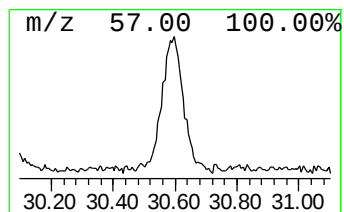
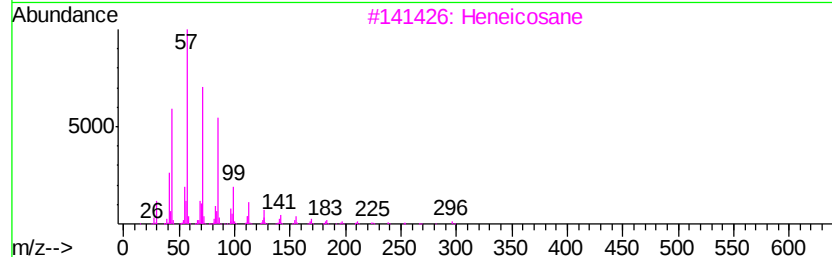
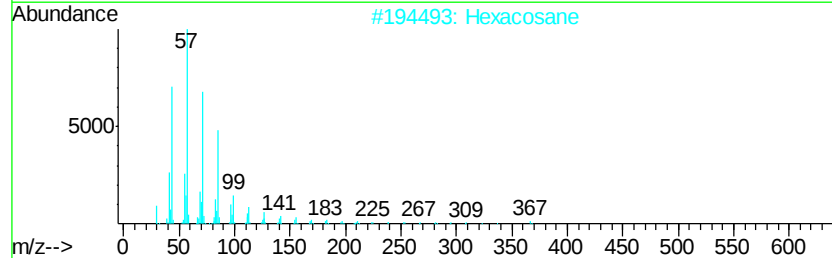
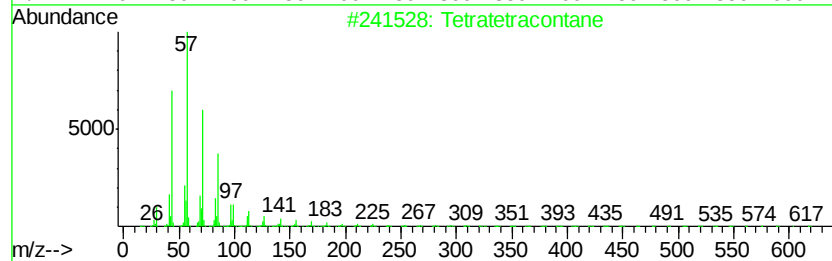
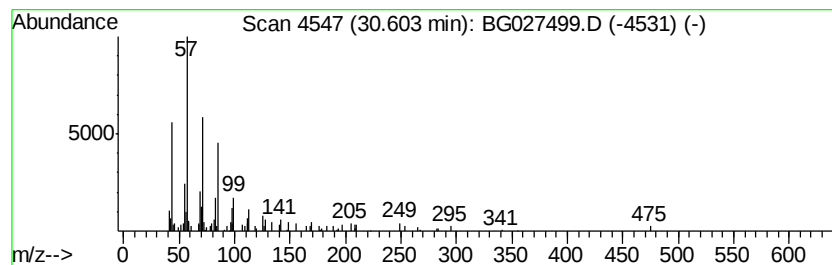
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.60	2.70 ng/ul	174272	Perylene-d12	25.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	87
2		Hexacosane	366	C26H54	000630-01-3	87
3		Heneicosane	296	C21H44	000629-94-7	87
4		2-methyloctacosane	408	C29H60	1000376-72-8	87
5		Heneicosane	296	C21H44	000629-94-7	86



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027499.D
Acq On : 17 Jun 2017 9:15
Operator : SJ/MA
Sample : I3599-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F5A73

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
Hexadecanoic acid...	20.10	5.1	ng/ul	293464	5	22.23	1158540	20.0
Octadecanoic acid...	21.15	3.3	ng/ul	189711	5	22.23	1158540	20.0
1-Heptacosanol	21.78	2.1	ng/ul	122187	5	22.23	1158540	20.0
(DEL) Alkane: Str...	27.15	2.9	ng/ul	184597	6	25.88	1292900	20.0
(DEL) Alkane: Str...	28.72	3.1	ng/ul	202517	6	25.88	1292900	20.0
(DEL) Alkane: Str...	30.60	2.7	ng/ul	174272	6	25.88	1292900	20.0