

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061917\
 Data File : BG027550.D
 Acq On : 20 Jun 2017 4:55
 Operator : SJ/MA
 Sample : I3625-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 F5A84

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	4.079	26	32	40	rVB3	7027	12046	1.12%	0.083%
2	7.458	602	607	617	rVB3	2179	5118	0.48%	0.035%
3	7.652	625	640	655	rBV	142875	278326	25.83%	1.917%
4	7.834	662	671	682	rBV	108221	195071	18.11%	1.343%
5	8.051	700	708	720	rVB	139198	250825	23.28%	1.727%
6	8.521	779	788	799	rBV	120664	219624	20.39%	1.512%
7	9.191	895	902	914	rBV	182491	336867	31.27%	2.320%
8	9.679	976	985	993	rBV	139846	266922	24.78%	1.838%
9	9.737	993	995	1003	rVB4	5285	8268	0.77%	0.057%
10	10.049	1041	1048	1054	rVV4	2711	4393	0.41%	0.030%
11	10.407	1100	1109	1117	rBV	123710	233333	21.66%	1.607%
12	10.942	1190	1200	1212	rVB	190882	350783	32.56%	2.416%
13	11.336	1259	1267	1280	rVB	190205	377351	35.03%	2.599%
14	11.459	1280	1288	1300	rBV	173644	340215	31.58%	2.343%
15	12.881	1517	1530	1536	rBV5	2268	5029	0.47%	0.035%
16	13.457	1622	1628	1633	rBV2	2198	3218	0.30%	0.022%
17	13.692	1665	1668	1674	rBV4	3118	3973	0.37%	0.027%
18	13.745	1674	1677	1684	rVB4	2040	4358	0.40%	0.030%
19	13.891	1696	1702	1708	rVB4	2357	4078	0.38%	0.028%
20	13.962	1709	1714	1722	rVB3	2984	4601	0.43%	0.032%
21	14.485	1795	1803	1808	rVV	376452	588066	54.58%	4.050%
22	14.532	1808	1811	1818	rVV	135391	193913	18.00%	1.335%
23	14.802	1847	1857	1865	rVB	397304	658764	61.15%	4.537%
24	14.949	1876	1882	1890	rVB2	12236	18206	1.69%	0.125%
25	15.102	1901	1908	1916	rVB2	337746	565953	52.53%	3.897%
26	15.266	1928	1936	1953	rBV2	128058	252952	23.48%	1.742%
27	15.396	1953	1958	1963	rVV7	2946	7898	0.73%	0.054%
28	15.460	1963	1969	1971	rVV5	2674	5124	0.48%	0.035%
29	15.507	1971	1977	1982	rVV4	2725	6011	0.56%	0.041%
30	15.554	1982	1985	1995	rVV6	3017	6765	0.63%	0.047%
31	15.860	2032	2037	2039	rVV2	3232	5398	0.50%	0.037%
32	15.901	2039	2044	2049	rVV	19819	27279	2.53%	0.188%
33	15.960	2049	2054	2060	rVV5	2624	4623	0.43%	0.032%
34	16.089	2068	2076	2085	rBV	542971	874071	81.13%	6.019%

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061917\
 Data File : BG027550.D
 Acq On : 20 Jun 2017 4:55
 Operator : SJ/MA
 Sample : I3625-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 F5A84

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

35	16.189	2085	2093	2101	rVB	147280	241805	22.44%	1.665%
36	16.294	2103	2111	2112	rBV4	5655	10188	0.95%	0.070%
37	16.330	2115	2117	2123	rVB4	6661	8603	0.80%	0.059%
38	16.453	2135	2138	2143	rVB4	2306	3176	0.29%	0.022%
39	16.524	2144	2150	2158	rVB4	3427	7089	0.66%	0.049%
40	16.594	2158	2162	2166	rBV5	1936	3403	0.32%	0.023%
41	16.759	2184	2190	2199	rBV	21352	36513	3.39%	0.251%
42	17.105	2245	2249	2256	rBV6	3217	6831	0.63%	0.047%
43	17.217	2262	2268	2272	rVV7	3107	6009	0.56%	0.041%
44	17.270	2273	2277	2282	rVV5	2276	4271	0.40%	0.029%
45	17.552	2320	2325	2331	rBV2	15087	20249	1.88%	0.139%
46	17.611	2331	2335	2337	rVV4	2980	3820	0.35%	0.026%
47	17.640	2337	2340	2344	rVB4	2518	3150	0.29%	0.022%
48	17.710	2348	2352	2364	rVB8	2832	8889	0.83%	0.061%
49	17.851	2369	2376	2386	rVV2	428722	703957	65.34%	4.848%
50	17.951	2386	2393	2403	rVB	573218	932446	86.55%	6.421%
51	18.092	2411	2417	2422	rBV3	3079	4827	0.45%	0.033%
52	18.298	2447	2452	2457	rVV3	5424	7567	0.70%	0.052%
53	18.468	2476	2481	2488	rVB4	5850	9594	0.89%	0.066%
54	18.574	2494	2499	2506	rBV6	3391	7828	0.73%	0.054%
55	18.686	2509	2518	2528	rBV	71165	118472	11.00%	0.816%
56	18.774	2529	2533	2540	rVB2	5106	10982	1.02%	0.076%
57	18.880	2546	2551	2555	rBV5	4521	6445	0.60%	0.044%
58	18.974	2563	2567	2572	rBV4	2791	4329	0.40%	0.030%
59	19.103	2585	2589	2595	rVB4	3846	5345	0.50%	0.037%
60	19.344	2627	2630	2635	rBV5	1563	3182	0.30%	0.022%
61	19.479	2652	2653	2661	rVB5	1566	3653	0.34%	0.025%
62	19.591	2668	2672	2674	rBV5	1866	3315	0.31%	0.023%
63	19.849	2705	2716	2723	rVV6	8352	27416	2.54%	0.189%
64	19.943	2728	2732	2743	rBV3	31514	57653	5.35%	0.397%
65	20.090	2751	2757	2766	rBV	552245	619302	57.48%	4.265%
66	20.219	2773	2779	2791	rVB	706913	1068275	99.16%	7.357%
67	20.366	2802	2804	2810	rBV6	2395	4200	0.39%	0.029%
68	20.654	2851	2853	2857	rBV5	2403	3608	0.33%	0.025%
69	20.695	2857	2860	2865	rVV6	3433	5539	0.51%	0.038%
70	20.801	2874	2878	2882	rBV7	2463	4408	0.41%	0.030%
71	21.153	2925	2938	2946	rVV	297861	387692	35.99%	2.670%

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061917\
 Data File : BG027550.D
 Acq On : 20 Jun 2017 4:55
 Operator : SJ/MA
 Sample : I3625-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 F5A84

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

72	21.224	2946	2950	2953	rVB4	5284	7613	0.71%	0.052%
73	21.359	2969	2973	2977	rBV7	3103	4360	0.40%	0.030%
74	21.729	3029	3036	3038	rBV7	4030	9168	0.85%	0.063%
75	21.782	3039	3045	3054	rVV3	18247	43224	4.01%	0.298%
76	22.052	3088	3091	3098	rVB7	3465	6393	0.59%	0.044%
77	22.229	3105	3121	3129	rBV	443865	903443	83.86%	6.221%
78	23.063	3258	3263	3271	rVB3	14632	27963	2.60%	0.193%
79	23.280	3298	3300	3305	rVB6	2422	3707	0.34%	0.026%
80	23.850	3390	3397	3407	rBV3	30268	63903	5.93%	0.440%
81	24.074	3427	3435	3442	rBV2	32509	69025	6.41%	0.475%
82	24.761	3543	3552	3561	rBV	42248	97289	9.03%	0.670%
83	24.920	3577	3579	3583	rVB4	2463	3415	0.32%	0.024%
84	25.625	3685	3699	3713	rBV3	327521	1077353	100.00%	7.419%
85	25.760	3713	3722	3728	rVV10	22630	96694	8.98%	0.666%
86	25.877	3728	3742	3762	rVB4	256153	1012242	93.96%	6.971%
87	26.089	3777	3778	3781	rBV3	3763	3184	0.30%	0.022%
88	26.242	3802	3804	3807	rVB4	3191	3414	0.32%	0.024%
89	27.141	3946	3957	3972	rVB3	57870	182656	16.95%	1.258%
90	27.810	4068	4071	4073	rBV4	3257	3748	0.35%	0.026%
91	28.698	4210	4222	4237	rVB3	50897	200524	18.61%	1.381%
92	29.156	4295	4300	4302	rBV6	2118	3790	0.35%	0.026%
93	29.397	4338	4341	4343	rVB2	4102	3337	0.31%	0.023%
94	29.444	4343	4349	4352	rBV7	3134	6549	0.61%	0.045%
95	29.884	4420	4424	4425	rBV4	3567	4891	0.45%	0.034%
96	29.926	4426	4431	4432	rBV5	4120	5479	0.51%	0.038%
97	30.584	4525	4543	4559	rBV7	35481	179330	16.65%	1.235%
98	32.105	4801	4802	4810	rBV7	1665	3749	0.35%	0.026%
99	32.229	4815	4823	4826	rBV7	3105	7731	0.72%	0.053%
100	32.352	4841	4844	4847	rVB4	3140	3727	0.35%	0.026%

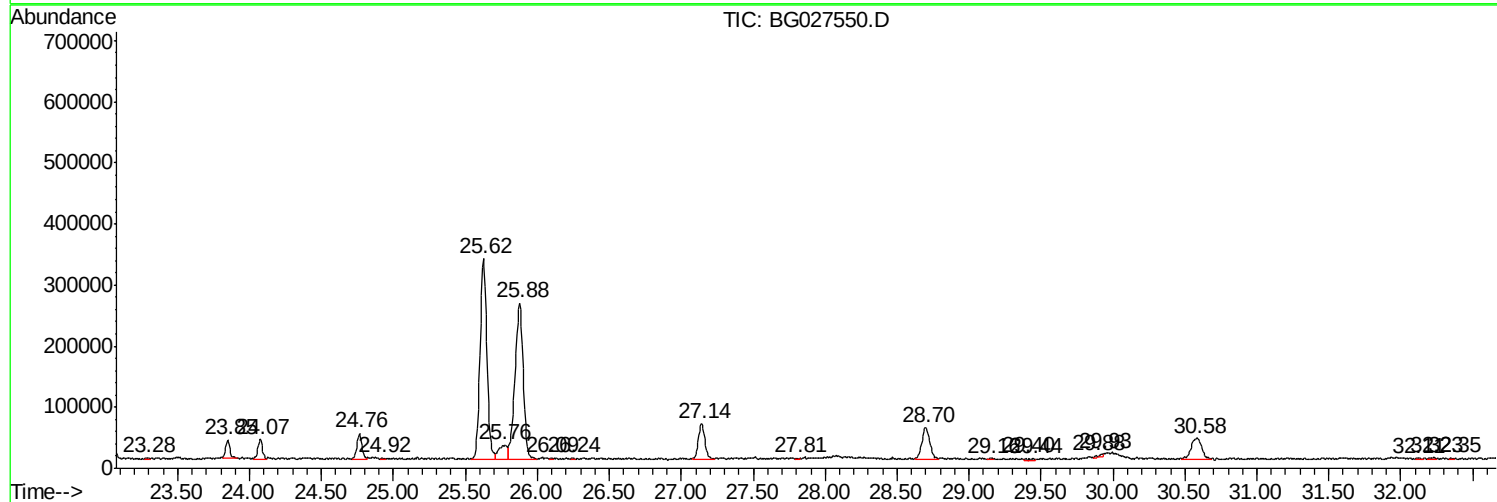
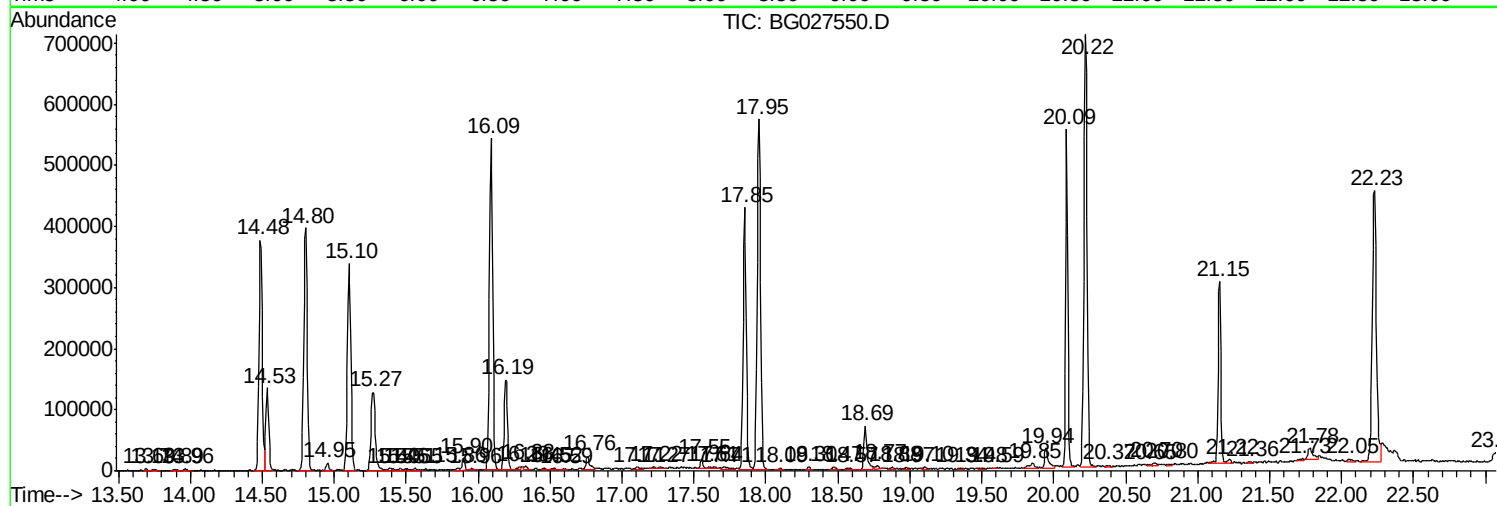
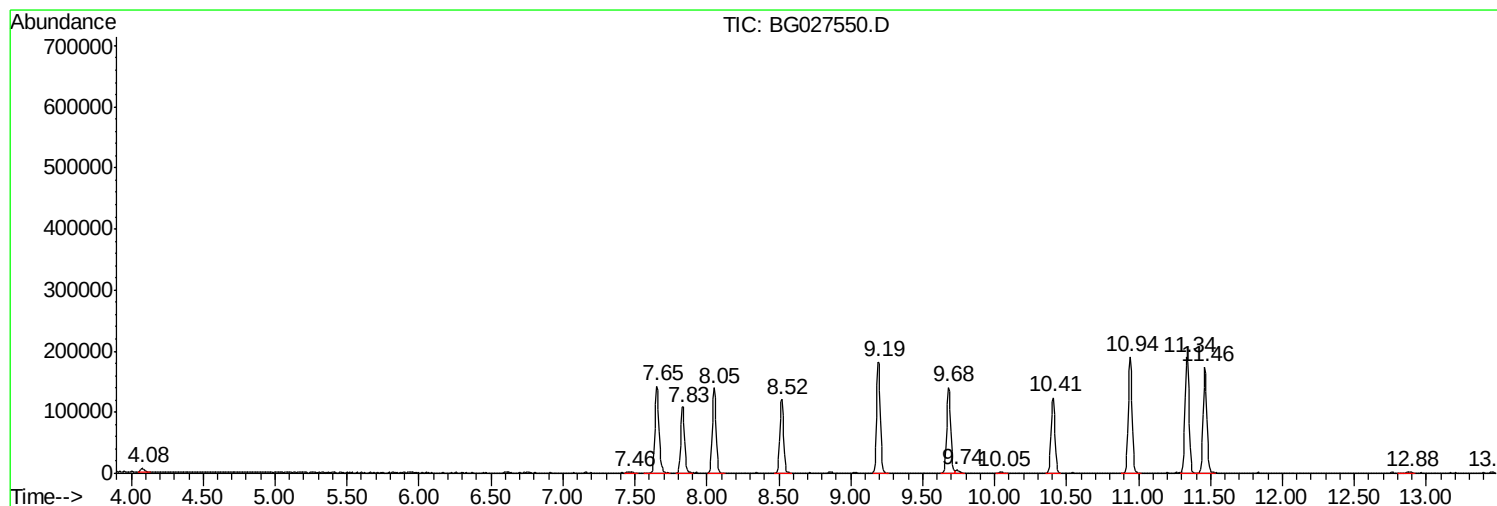
Sum of corrected areas: 14521354

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061917\
Data File : BG027550.D
Acq On : 20 Jun 2017 4:55
Operator : SJ/MA
Sample : I3625-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F5A84

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG061917\
Data File : BG027550.D
Acq On : 20 Jun 2017 4:55
Operator : SJ/MA
Sample : I3625-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

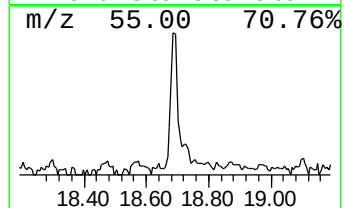
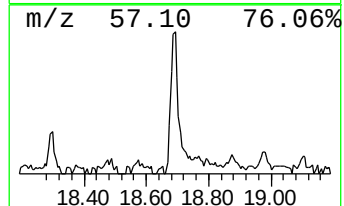
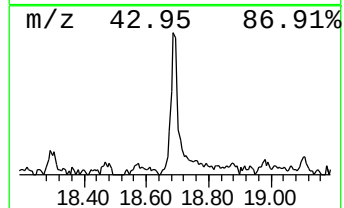
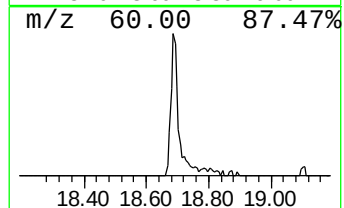
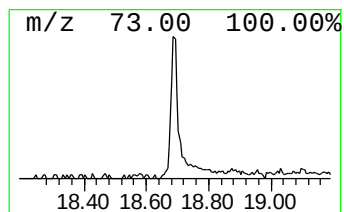
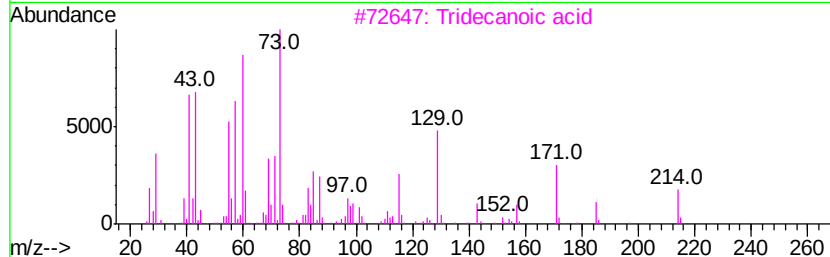
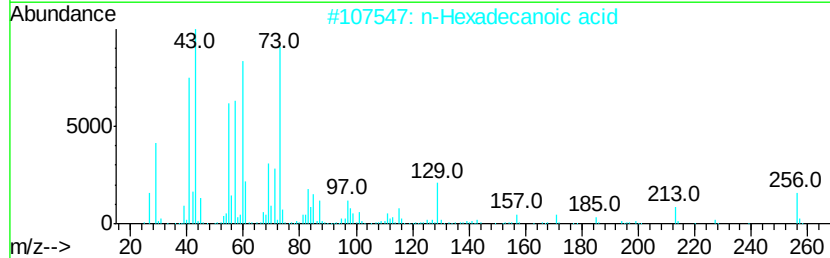
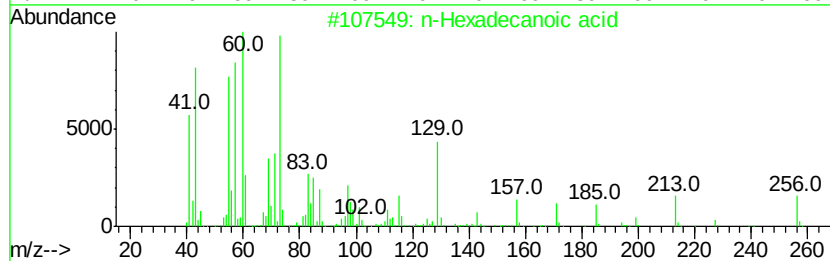
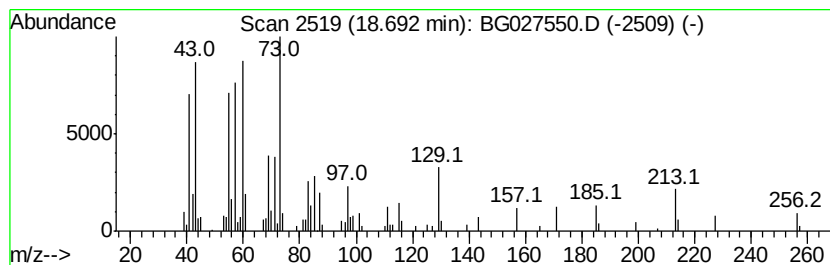
Instrument :
BNA_G
ClientSampleId :
F5A84

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	3.37 ng/ul	118472	Phenanthrene-d10		17.85		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3			Tridecanoic acid	214	C13H26O2	000638-53-9	94
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5			Tridecanoic acid	214	C13H26O2	000638-53-9	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG061917\
Data File : BG027550.D
Acq On : 20 Jun 2017 4:55
Operator : SJ/MA
Sample : I3625-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

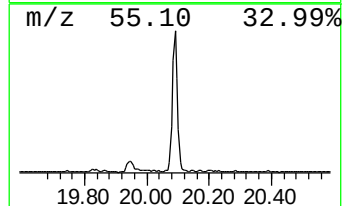
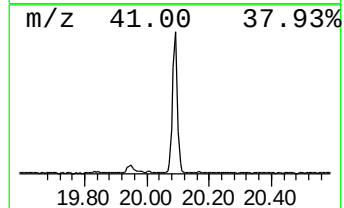
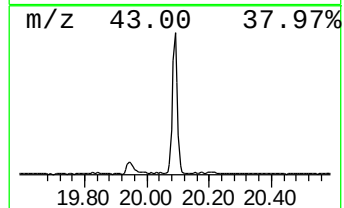
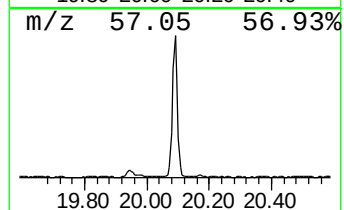
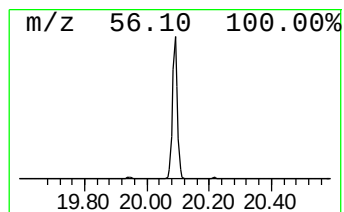
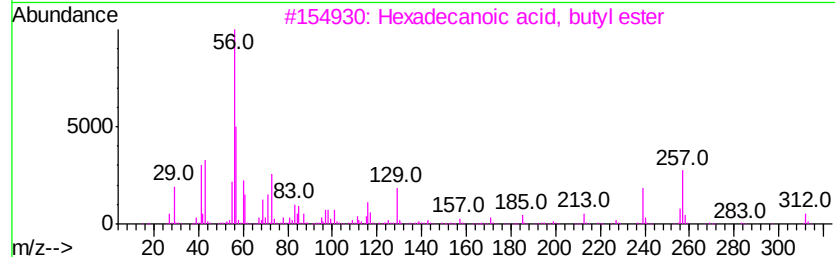
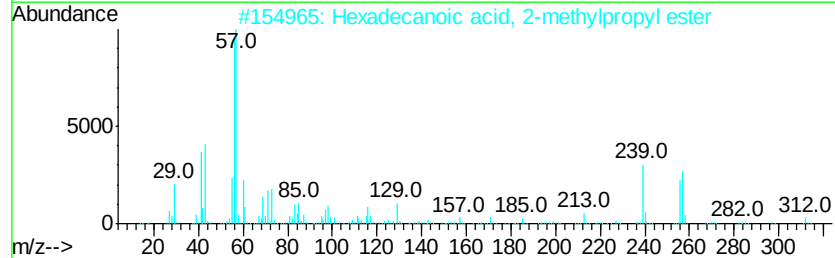
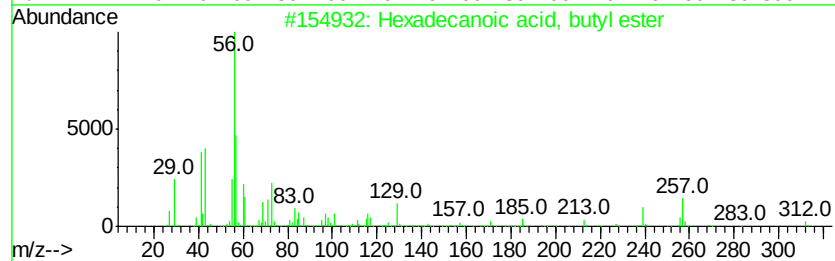
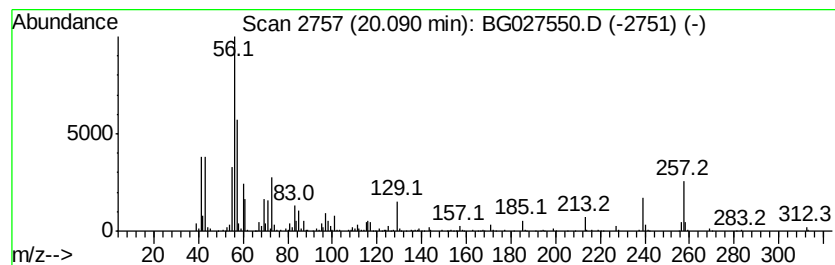
Instrument :
BNA_G
ClientSampleId :
F5A84

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 2 Hexadecanoic acid, butyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.09	13.71 ng/ul	619302	Chrysene-d12	22.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecanoic acid, butyl ester	312 C20H40O2	000111-06-8	97
2	Hexadecanoic acid, 2-methylpropy...	312 C20H40O2	000110-34-9	64
3	Hexadecanoic acid, butyl ester	312 C20H40O2	000111-06-8	62
4	Hexadecanoic acid, 1,1-dimethyle...	312 C20H40O2	031158-91-5	60
5	Cyclopentanecarboxylic acid, 2-a...	129 C6H11NO2	040482-05-1	35



Data Path : Z:\HPCHEM1\BNA G\DATA\BG061917\
Data File : BG027550.D
Acq On : 20 Jun 2017 4:55
Operator : SJ/MA
Sample : I3625-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F5A84

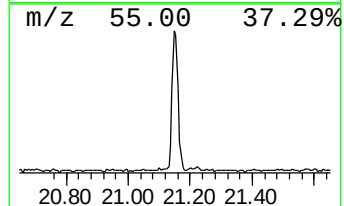
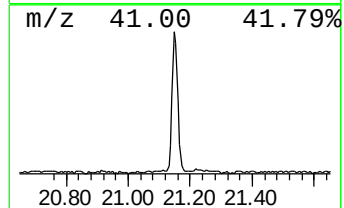
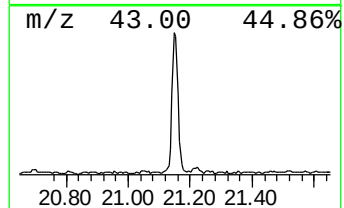
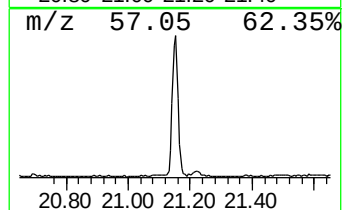
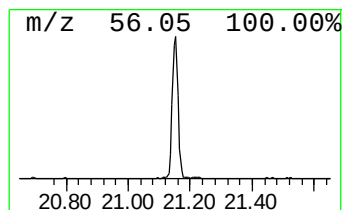
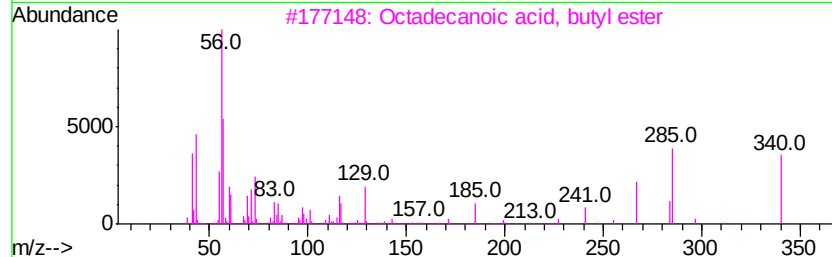
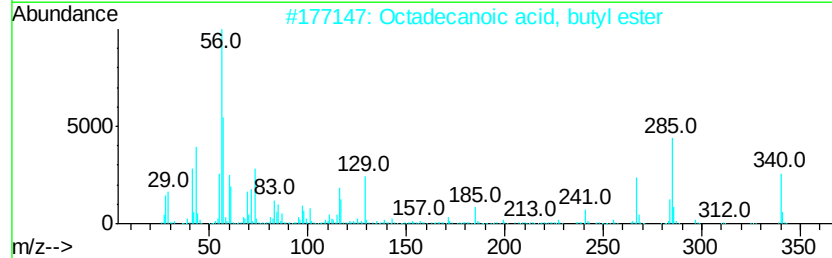
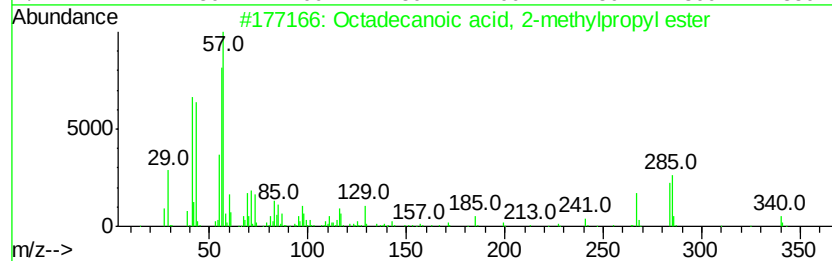
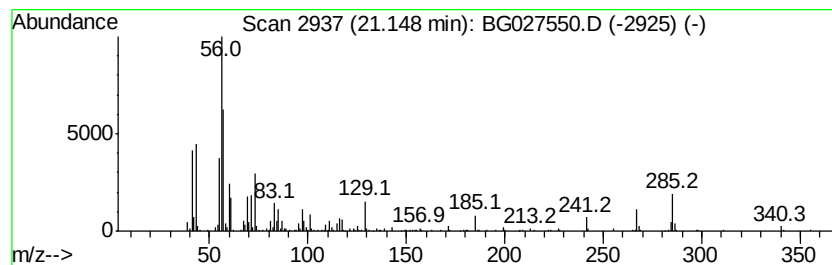
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Octadecanoic acid, 2-methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.15	8.58 ng/ul	387692	Chrysene-d12	22.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, 2-methylpropyl...	340	C22H44O2	000646-13-9	90
2		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	90
3		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	64
4		Butyl myristate	284	C18H36O2	000110-36-1	64
5		Urea, N,N'-di-2-propenyl-	140	C7H12N2O	001801-72-5	35



Data Path : Z:\HPCHEM1\BNA G\DATA\BG061917\
Data File : BG027550.D
Acq On : 20 Jun 2017 4:55
Operator : SJ/MA
Sample : I3625-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F5A84

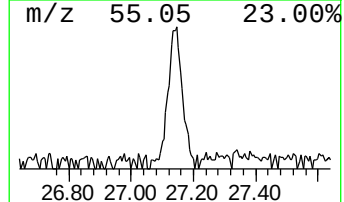
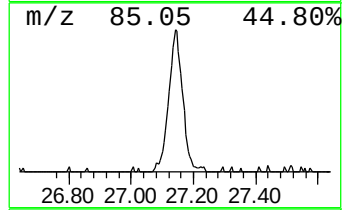
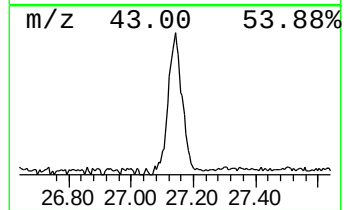
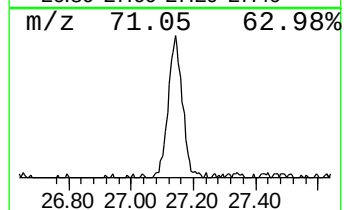
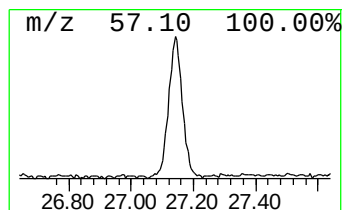
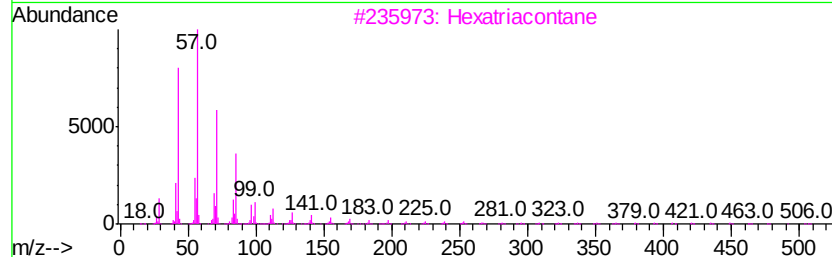
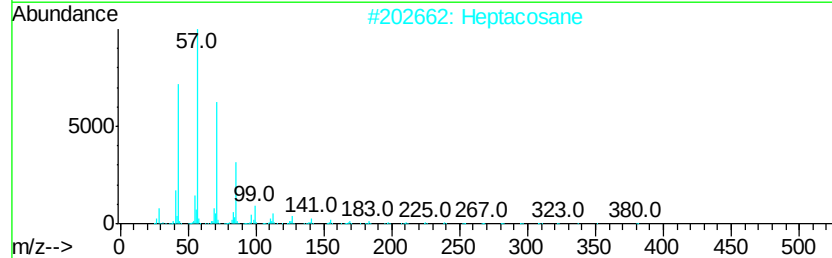
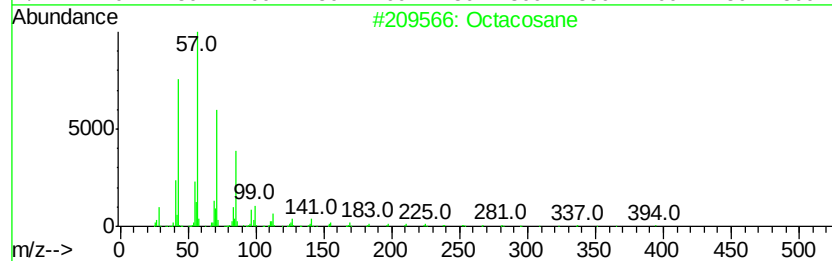
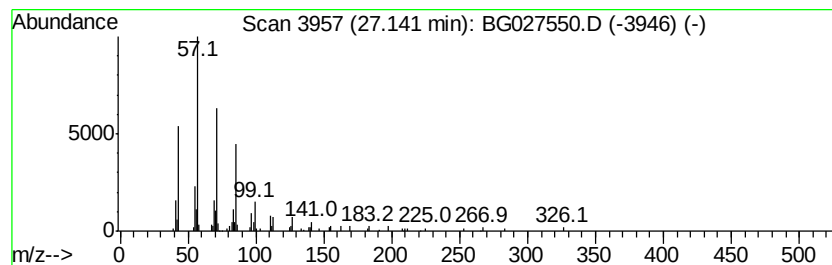
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

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.
27.14	3.61 ng/ul	182656	Perylene-d12	25.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	91
2			Heptacosane	380	C27H56	000593-49-7	91
3			Hexatriacontane	507	C36H74	000630-06-8	91
4			Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5			Tricosane, 2-methyl-	338	C24H50	001928-30-9	90



Data Path : Z:\HPCHEM1\BNA G\DATA\BG061917\
Data File : BG027550.D
Acq On : 20 Jun 2017 4:55
Operator : SJ/MA
Sample : I3625-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F5A84

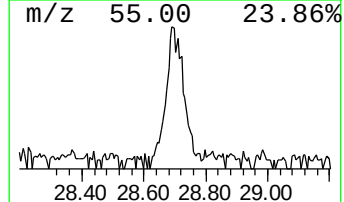
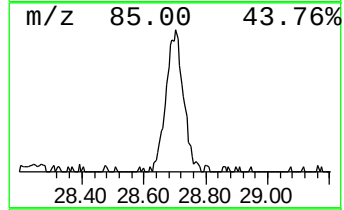
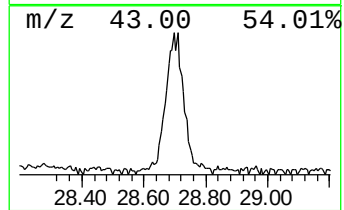
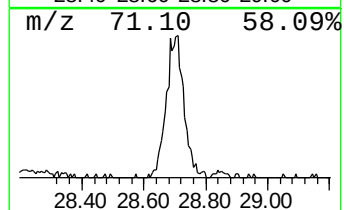
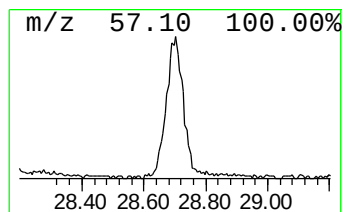
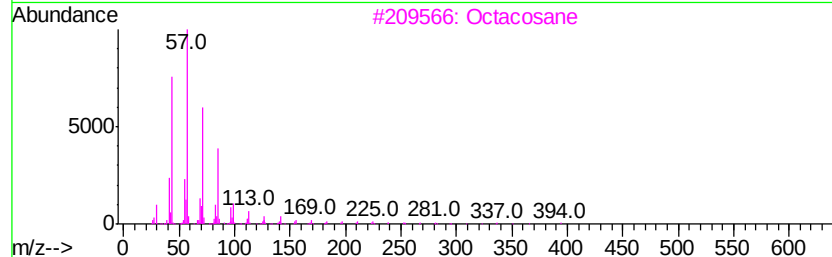
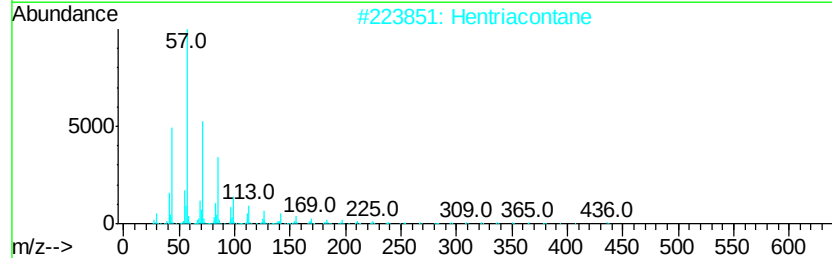
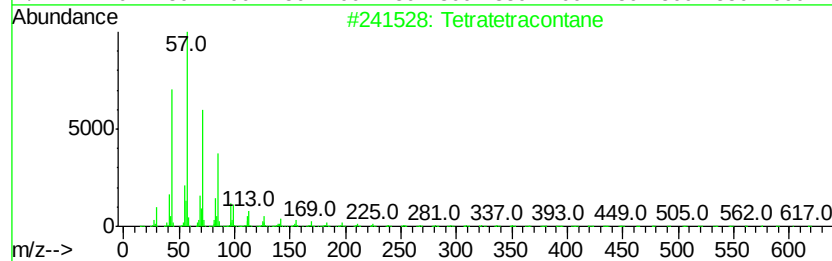
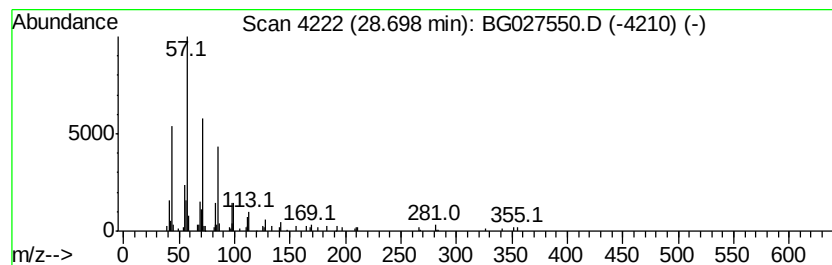
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

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.
28.70	3.96 ng/ul	200524	Perylene-d12	25.88

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetratetracontane	619	C44H90	007098-22-8	90
2		Hentriacontane	437	C31H64	000630-04-6	87
3		Octacosane	394	C28H58	000630-02-4	87
4		2-methyloctacosane	408	C29H60	1000376-72-8	87
5		Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG061917\
Data File : BG027550.D
Acq On : 20 Jun 2017 4:55
Operator : SJ/MA
Sample : I3625-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F5A84

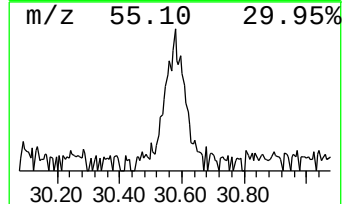
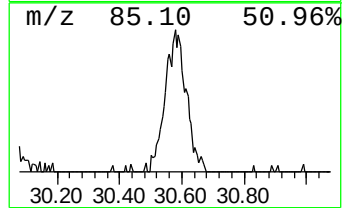
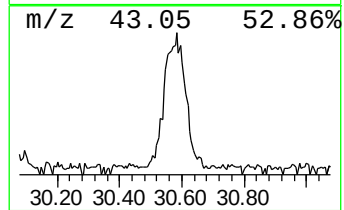
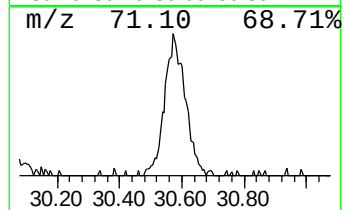
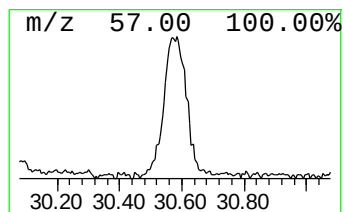
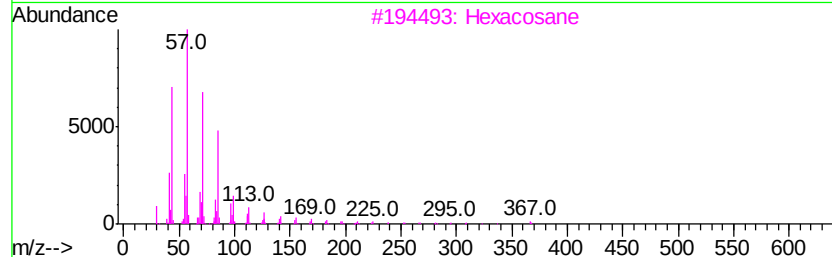
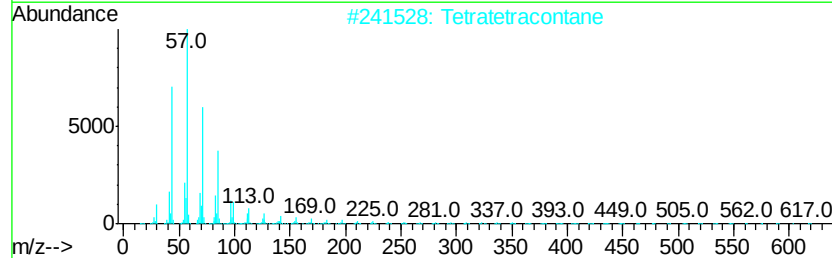
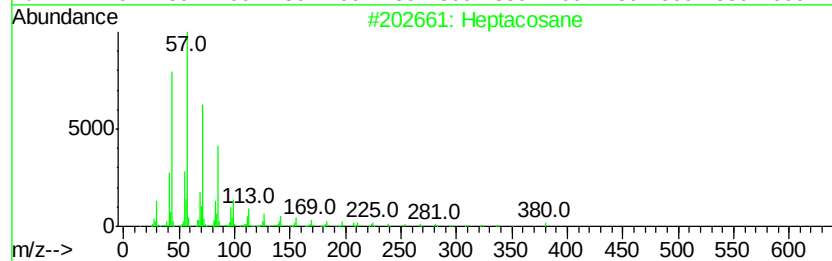
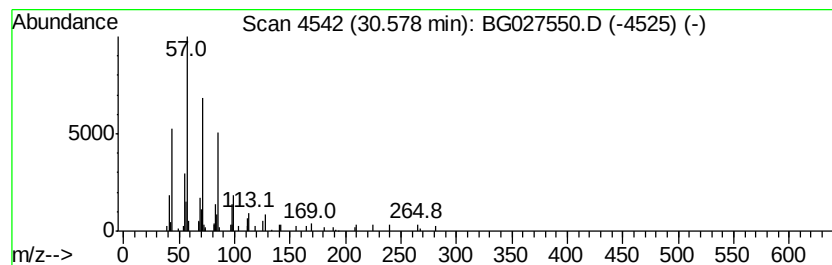
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Cyclic30.58 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.58	3.54 ng/ul	179330	Perylene-d12	25.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Tetratetracontane	619	C44H90	007098-22-8	90
3		Hexacosane	366	C26H54	000630-01-3	90
4		Tetracosane	338	C24H50	000646-31-1	90
5		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061917\
Data File : BG027550.D
Acq On : 20 Jun 2017 4:55
Operator : SJ/MA
Sample : I3625-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F5A84

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	3.4	ng/ul	118472	4	17.85	703957	20.0
Hexadecanoic acid...	20.09	13.7	ng/ul	619302	5	22.23	903443	20.0
Octadecanoic acid...	21.15	8.6	ng/ul	387692	5	22.23	903443	20.0
(DEL) Alkane: Str...	27.14	3.6	ng/ul	182656	6	25.88	1012240	20.0
(DEL) Alkane: Str...	28.70	4.0	ng/ul	200524	6	25.88	1012240	20.0
(DEL) Alkane: Cyc...	30.58	3.5	ng/ul	179330	6	25.88	1012240	20.0