

Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
 Data File : BG026795.D
 Acq On : 1 May 2017 5:26
 Operator : SJ/MA
 Sample : I2846-20
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHT02

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	3.428	52	58	69	rVB	43095	80704	1.67%	0.128%
2	4.180	182	186	195	rVB7	9862	24028	0.50%	0.038%
3	6.695	609	614	622	rVB3	18304	32050	0.66%	0.051%
4	7.182	689	697	716	rBV	740389	1452018	29.99%	2.309%
5	7.329	716	722	735	rVB	705128	1150578	23.76%	1.830%
6	7.447	735	742	751	rVB4	38028	73599	1.52%	0.117%
7	7.547	751	759	777	rBV	840248	1434053	29.62%	2.281%
8	7.911	814	821	828	rBV2	57381	93891	1.94%	0.149%
9	8.011	829	838	846	rBV	589519	1021736	21.10%	1.625%
10	8.234	869	876	880	rBV8	7692	17916	0.37%	0.028%
11	8.722	951	959	985	rVV	1062914	1982477	40.94%	3.153%
12	9.162	1026	1034	1043	rBV	786607	1422524	29.38%	2.263%
13	9.233	1043	1046	1053	rVB7	14889	24380	0.50%	0.039%
14	9.321	1056	1061	1080	rBV3	24043	77640	1.60%	0.123%
15	9.585	1097	1106	1113	rBV4	21477	38156	0.79%	0.061%
16	9.891	1150	1158	1175	rBV	675069	1224242	25.28%	1.947%
17	10.179	1199	1207	1213	rBV8	4982	15789	0.33%	0.025%
18	10.437	1242	1251	1273	rBV	1036213	1956903	40.41%	3.112%
19	10.807	1303	1314	1323	rBV	1006973	1812353	37.43%	2.883%
20	10.937	1328	1336	1356	rBV	1064746	2065459	42.66%	3.285%
21	12.388	1575	1583	1593	rVV2	20290	39993	0.83%	0.064%
22	13.146	1707	1712	1720	rVB10	10350	23641	0.49%	0.038%
23	13.228	1720	1726	1733	rBV6	13310	24642	0.51%	0.039%
24	13.522	1767	1776	1785	rVV4	21358	50779	1.05%	0.081%
25	13.898	1832	1840	1845	rBV2	90378	134391	2.78%	0.214%
26	14.021	1854	1861	1865	rVV	1981298	2906387	60.02%	4.623%
27	14.068	1865	1869	1878	rVV	416783	606049	12.52%	0.964%
28	14.139	1878	1881	1889	rVB9	8686	15740	0.33%	0.025%
29	14.315	1897	1911	1921	rBV	2465112	3873867	80.00%	6.161%
30	14.509	1939	1944	1951	rVB	39829	55941	1.16%	0.089%
31	14.621	1951	1963	1972	rBV2	1536828	2536220	52.38%	4.034%
32	14.832	1991	1999	2017	rBV	549755	1249227	25.80%	1.987%
33	15.120	2044	2048	2055	rVB5	15350	25350	0.52%	0.040%
34	15.402	2091	2096	2101	rBV	38584	59851	1.24%	0.095%

Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
 Data File : BG026795.D
 Acq On : 1 May 2017 5:26
 Operator : SJ/MA
 Sample : I2846-20
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHT02

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

35	15.455	2101	2105	2110	rVB	84553	110362	2.28%	0.176%
36	15.608	2123	2131	2143	rBV	3027044	4662615	96.29%	7.416%
37	15.725	2145	2151	2165	rBV	857322	1315706	27.17%	2.093%
38	15.849	2165	2172	2178	rVV4	65503	131788	2.72%	0.210%
39	15.896	2178	2180	2185	rVV6	9363	14782	0.31%	0.024%
40	15.954	2185	2190	2194	rVB7	18071	28665	0.59%	0.046%
41	16.007	2194	2199	2205	rBV6	13714	29500	0.61%	0.047%
42	16.072	2205	2210	2214	rBV4	16316	23586	0.49%	0.038%
43	16.183	2220	2229	2236	rBV4	6306	21267	0.44%	0.034%
44	16.313	2245	2251	2262	rVV	105195	205438	4.24%	0.327%
45	16.395	2262	2265	2273	rVB10	9426	22564	0.47%	0.036%
46	16.565	2290	2294	2303	rVB10	8411	17533	0.36%	0.028%
47	16.648	2304	2308	2317	rVV6	19881	46573	0.96%	0.074%
48	16.771	2323	2329	2332	rVB7	13150	23678	0.49%	0.038%
49	16.818	2332	2337	2343	rBV7	17140	27312	0.56%	0.043%
50	16.883	2343	2348	2351	rBV4	11858	16802	0.35%	0.027%
51	17.100	2381	2385	2389	rBV	88092	107219	2.21%	0.171%
52	17.153	2389	2394	2404	rVB4	35871	68364	1.41%	0.109%
53	17.259	2405	2412	2416	rVB7	24916	38836	0.80%	0.062%
54	17.353	2421	2428	2436	rBV2	1744049	2656074	54.85%	4.225%
55	17.453	2436	2445	2455	rVB2	3062630	4651475	96.06%	7.398%
56	17.629	2470	2475	2485	rBV8	14036	32058	0.66%	0.051%
57	17.834	2499	2510	2528	rBV2	95851	356246	7.36%	0.567%
58	18.011	2536	2540	2547	rVB7	20951	33305	0.69%	0.053%
59	18.111	2553	2557	2561	rBV6	9682	16302	0.34%	0.026%
60	18.234	2573	2578	2588	rBV2	341695	576641	11.91%	0.917%
61	18.352	2595	2598	2608	rVB2	16847	38058	0.79%	0.061%
62	18.463	2614	2617	2623	rVB8	8521	16592	0.34%	0.026%
63	18.522	2623	2627	2633	rBV2	35775	54225	1.12%	0.086%
64	18.651	2644	2649	2655	rVB3	56911	69072	1.43%	0.110%
65	18.898	2684	2691	2693	rBV7	11290	21217	0.44%	0.034%
66	19.151	2729	2734	2740	rBV3	35203	67090	1.39%	0.107%
67	19.209	2740	2744	2747	rVV6	11198	21494	0.44%	0.034%
68	19.374	2766	2772	2780	rBV2	49303	91604	1.89%	0.146%
69	19.497	2789	2793	2810	rBV	142866	285079	5.89%	0.453%
70	19.626	2810	2815	2825	rVB2	33452	82842	1.71%	0.132%
71	19.732	2825	2833	2845	rBV2	3278877	4816001	99.46%	7.660%

Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
 Data File : BG026795.D
 Acq On : 1 May 2017 5:26
 Operator : SJ/MA
 Sample : I2846-20
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHT02

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

72	19.944	2864	2869	2875	rBV9	31624	49687	1.03%	0.079%
73	20.008	2876	2880	2883	rVV6	18264	20515	0.42%	0.033%
74	20.091	2890	2894	2898	rBV6	25965	34862	0.72%	0.055%
75	20.132	2898	2901	2905	rVB5	26555	31215	0.64%	0.050%
76	20.267	2914	2924	2927	rBV7	89417	171497	3.54%	0.273%
77	20.302	2928	2930	2939	rVB10	41542	71148	1.47%	0.113%
78	20.408	2940	2948	2954	rVV10	37430	80630	1.67%	0.128%
79	20.555	2965	2973	2981	rBV8	78740	162967	3.37%	0.259%
80	20.614	2981	2983	2989	rVV7	13815	22007	0.45%	0.035%
81	20.690	2990	2996	3000	rBV2	104558	141048	2.91%	0.224%
82	20.755	3000	3007	3011	rBV2	190335	257909	5.33%	0.410%
83	20.878	3024	3028	3034	rVB8	31925	49804	1.03%	0.079%
84	20.978	3040	3045	3053	rVB8	34991	67257	1.39%	0.107%
85	21.095	3061	3065	3069	rVB7	15886	22518	0.47%	0.036%
86	21.266	3091	3094	3098	rVB4	26006	29336	0.61%	0.047%
87	21.413	3099	3119	3133	rBV4	87996	588185	12.15%	0.936%
88	21.595	3144	3150	3161	rVB	1642142	2749782	56.79%	4.374%
89	21.759	3171	3178	3187	rVB	51840	124968	2.58%	0.199%
90	22.370	3277	3282	3286	rBV5	19119	34852	0.72%	0.055%
91	22.658	3327	3331	3335	rVB7	19066	32134	0.66%	0.051%
92	23.040	3388	3396	3403	rVB5	53369	131001	2.71%	0.208%
93	23.228	3423	3428	3438	rVB3	39568	87226	1.80%	0.139%
94	23.827	3523	3530	3537	rBV4	79735	162652	3.36%	0.259%
95	24.544	3640	3652	3673	rVB2	1762054	4842124	100.00%	7.701%
96	24.756	3677	3688	3704	rVB2	1107825	3129561	64.63%	4.978%
97	25.837	3864	3872	3884	rBV2	117512	333574	6.89%	0.531%
98	27.159	4086	4097	4108	rBV3	103754	351084	7.25%	0.558%
99	28.739	4356	4366	4384	rVB5	85796	389271	8.04%	0.619%
100	30.666	4681	4694	4708	rVB5	67349	303485	6.27%	0.483%

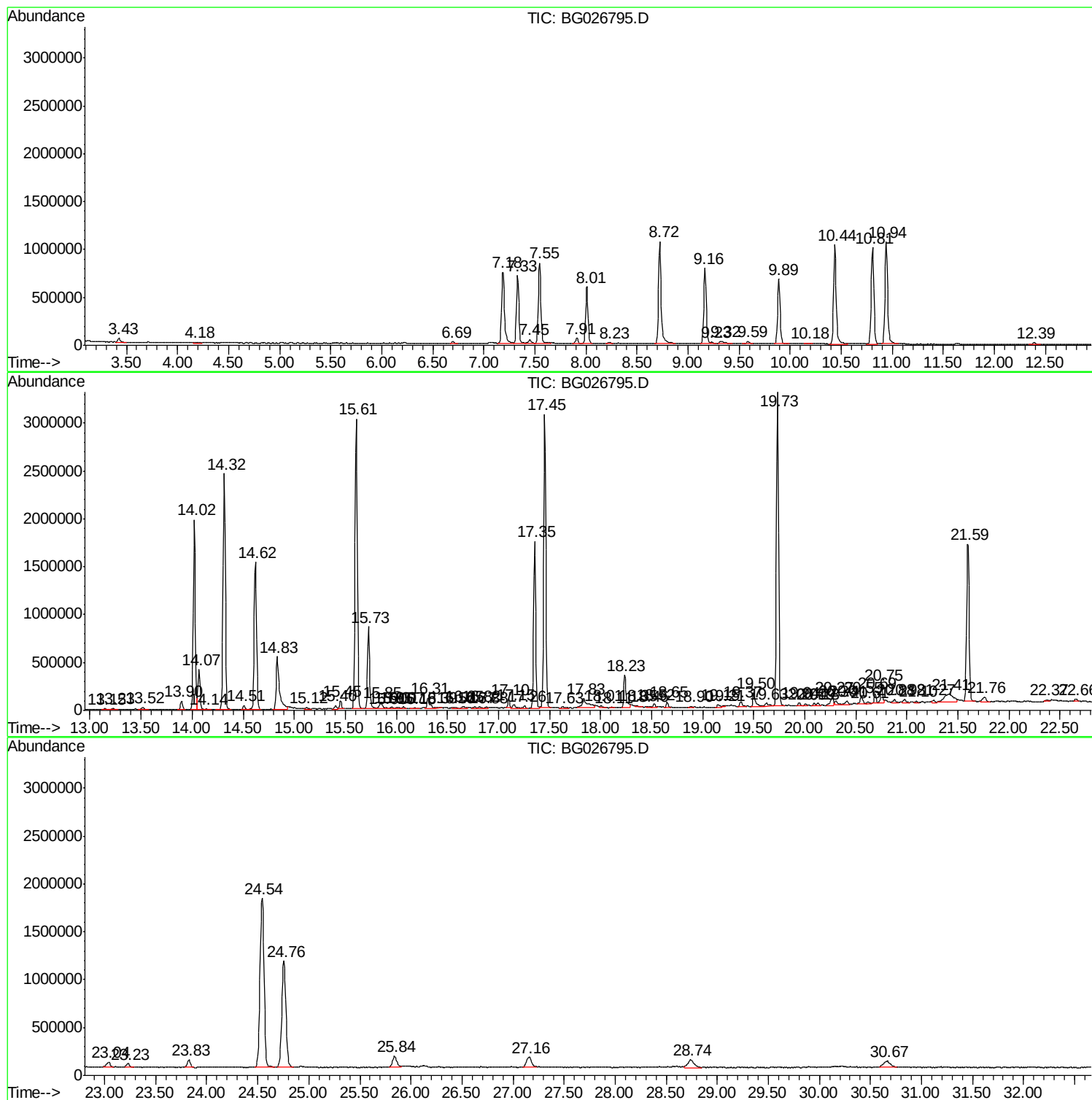
Sum of corrected areas: 62872838

Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026795.D
Acq On : 1 May 2017 5:26
Operator : SJ/MA
Sample : I2846-20
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHT02

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026795.D
Acq On : 1 May 2017 5:26
Operator : SJ/MA
Sample : I2846-20
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHT02

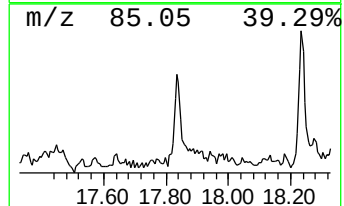
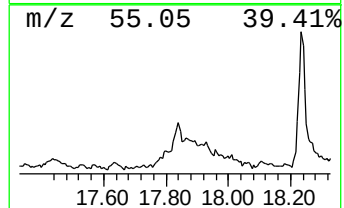
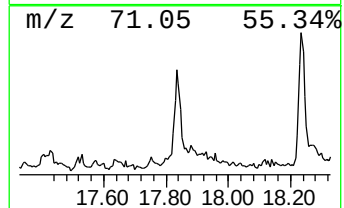
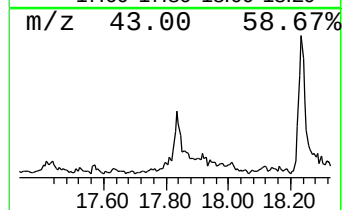
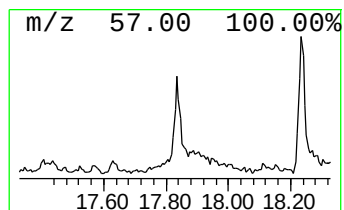
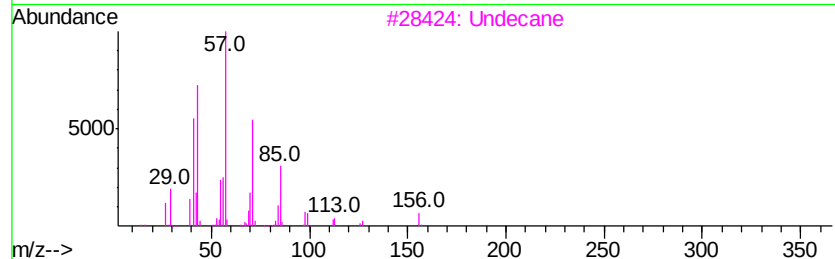
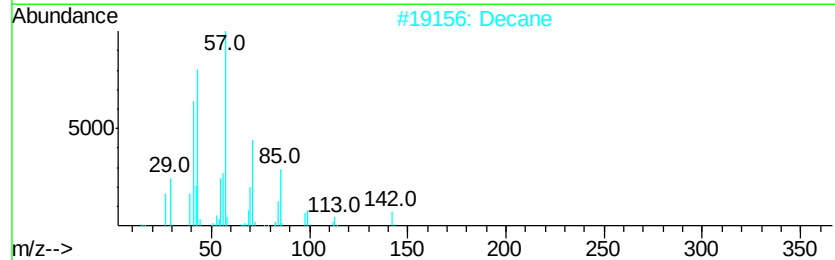
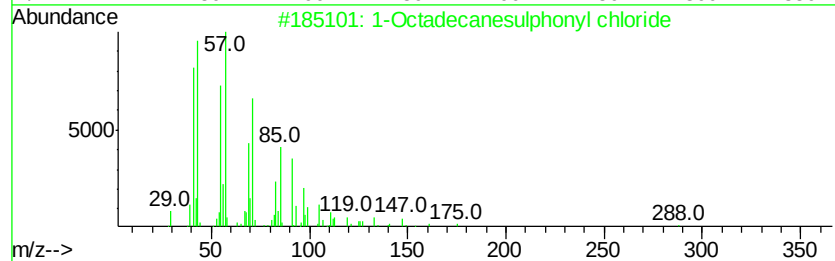
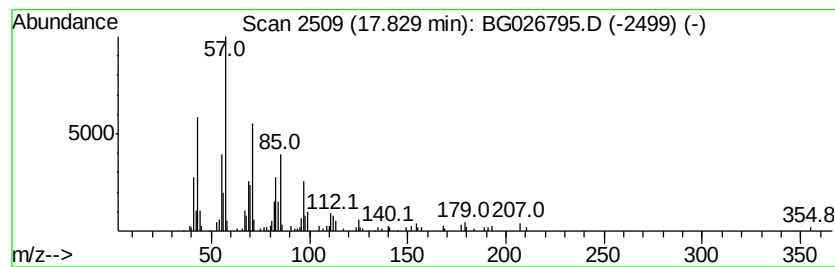
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 1-Octadecanesulphonyl chloride Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	2.68 ng/ul	356246	Phenanthrene-d10	17.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	80
2		Decane	142	C10H22	000124-18-5	70
3		Undecane	156	C11H24	001120-21-4	58
4		1-Tetradecene	196	C14H28	001120-36-1	50
5		1-Heptanol, 2-propyl-	158	C10H22O	010042-59-8	50



Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026795.D
Acq On : 1 May 2017 5:26
Operator : SJ/MA
Sample : I2846-20
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHT02

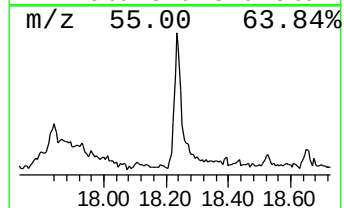
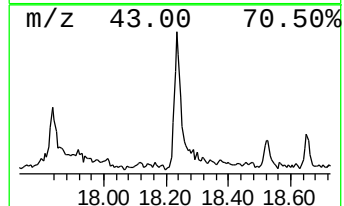
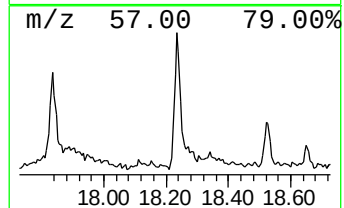
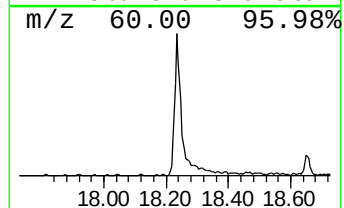
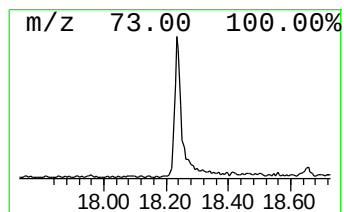
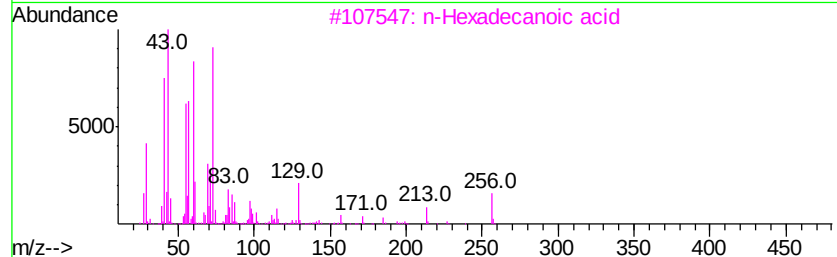
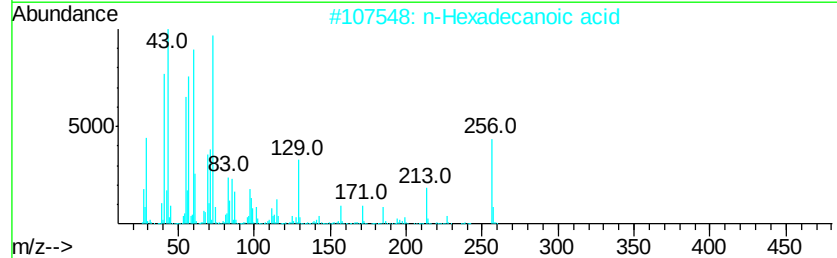
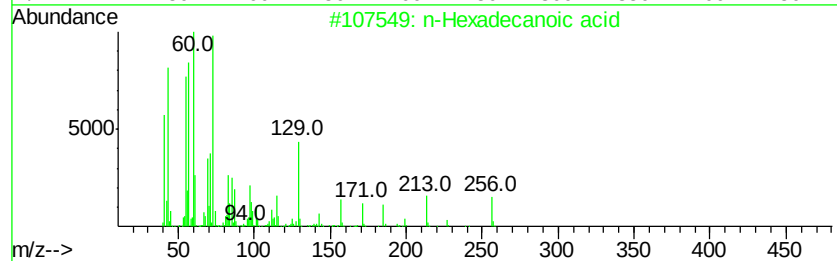
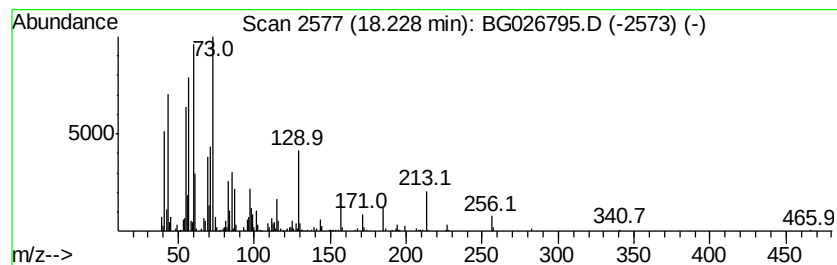
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	4.34 ng/ul	576641	Phenanthrene-d10	17.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026795.D
Acq On : 1 May 2017 5:26
Operator : SJ/MA
Sample : I2846-20
Misc :
ALS Vial : 32 Sample Multiplier: 1

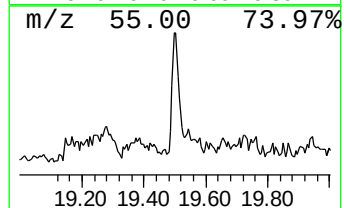
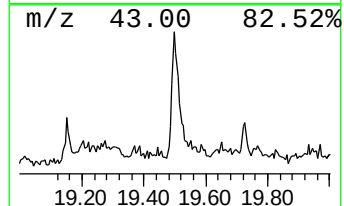
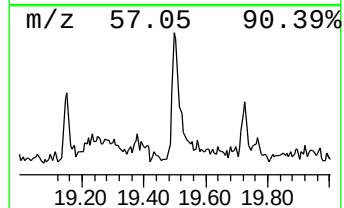
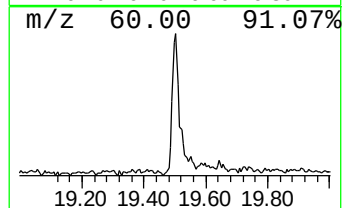
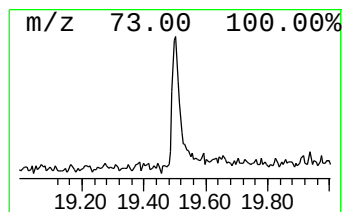
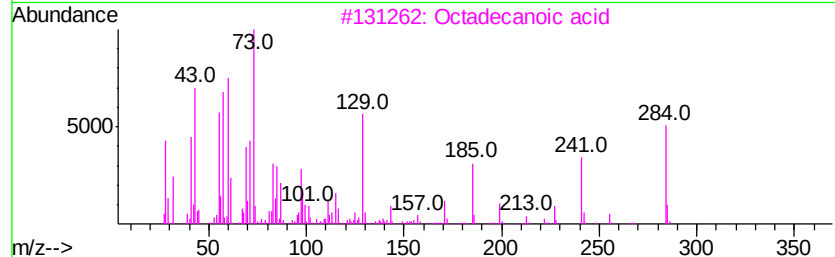
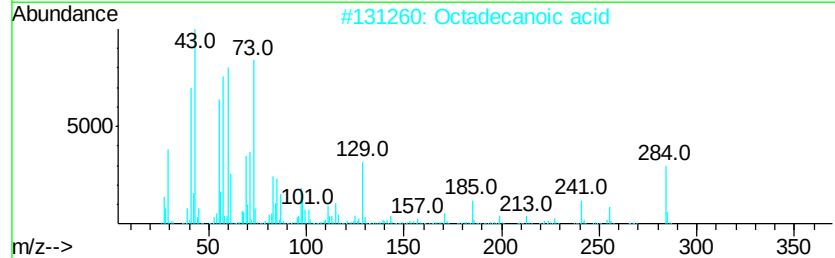
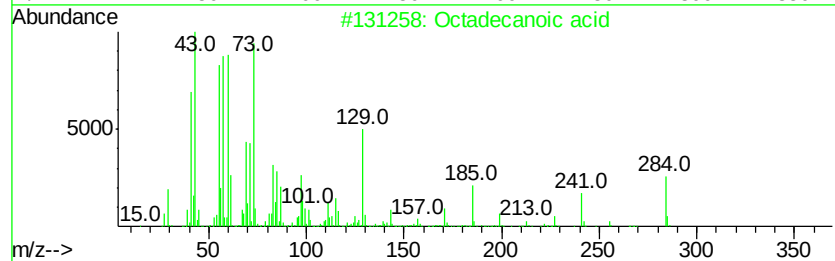
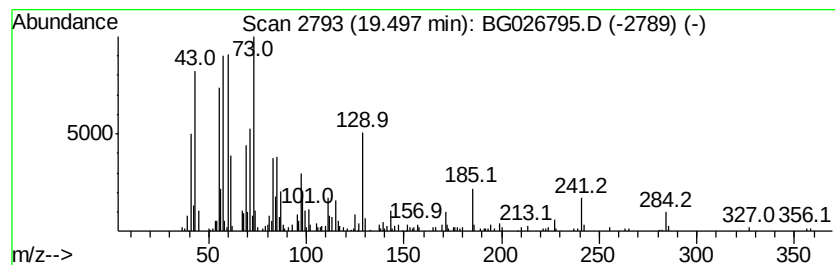
Instrument :
BNA_G
ClientSampleId :
JHT02

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 3 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.50	2.07 ng/ul	285079	Chrysene-d12	21.60
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4 99
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	Octadecanoic acid	284	C18H36O2	000057-11-4 91



Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026795.D
Acq On : 1 May 2017 5:26
Operator : SJ/MA
Sample : I2846-20
Misc :
ALS Vial : 32 Sample Multiplier: 1

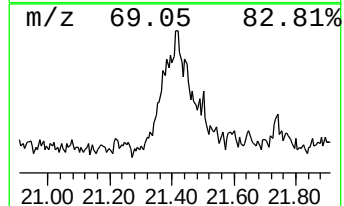
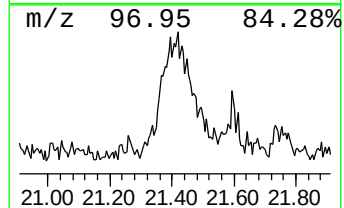
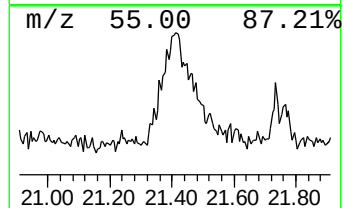
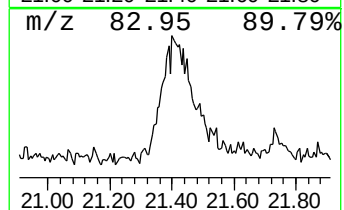
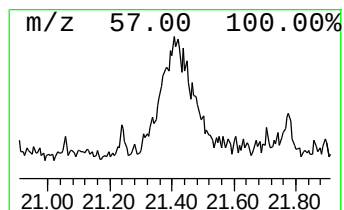
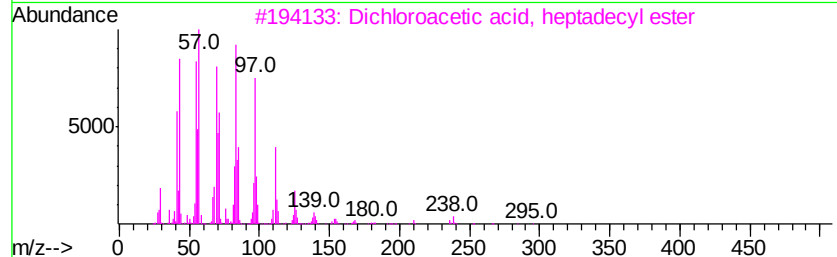
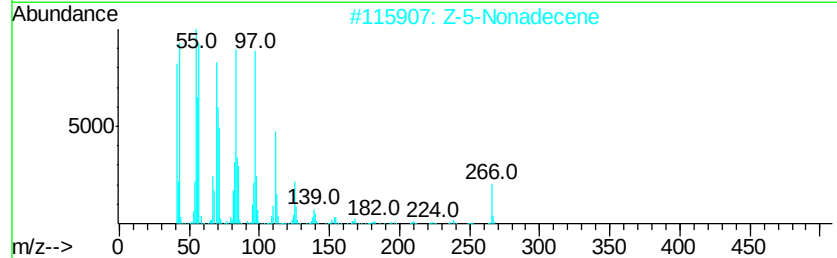
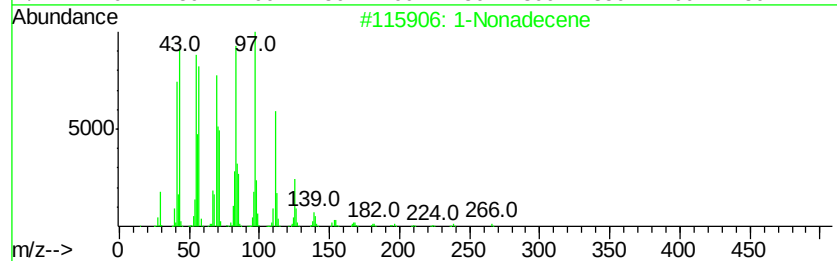
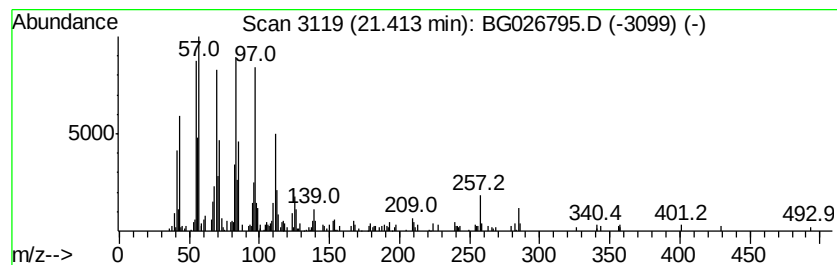
Instrument :
BNA_G
ClientSampleId :
JHT02

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: Cyclic21.41 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.41	4.28 ng/ul	588185	Chrysene-d12	21.60	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	93
2	Z-5-Nonadecene	266	C19H38	1000131-11-8	93
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	87
4	1-Heptacosanol	396	C27H56O	002004-39-9	87
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026795.D
Acq On : 1 May 2017 5:26
Operator : SJ/MA
Sample : I2846-20
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHT02

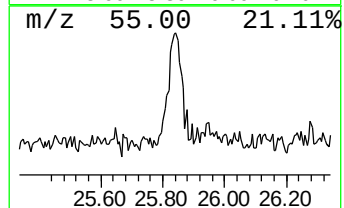
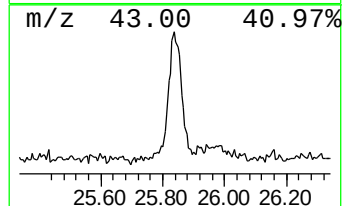
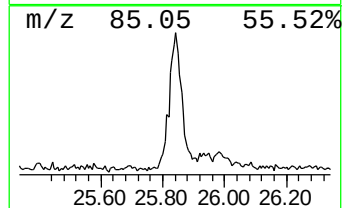
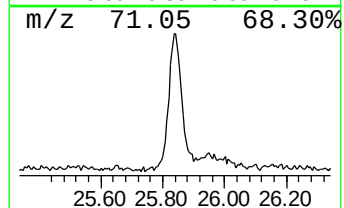
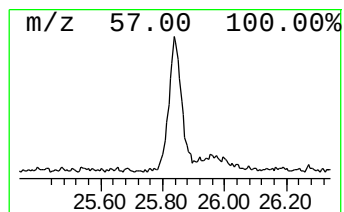
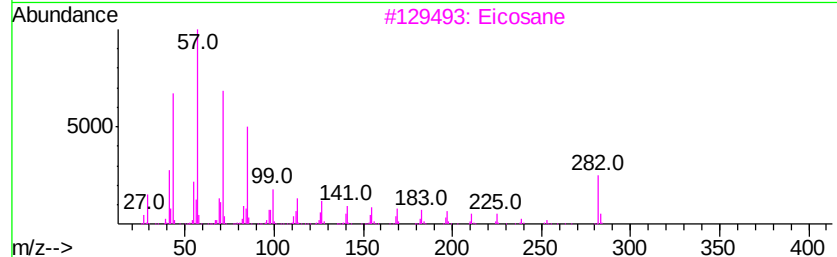
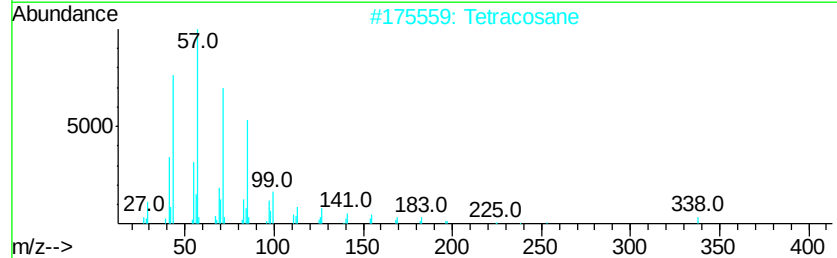
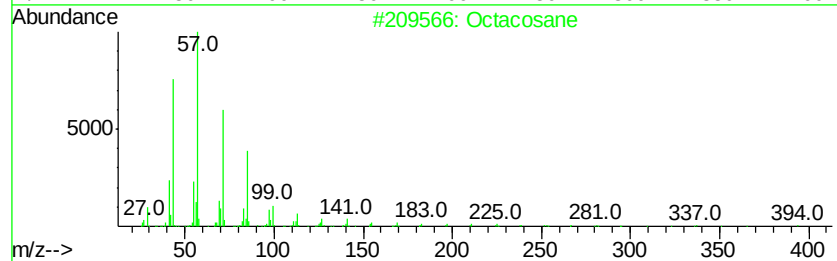
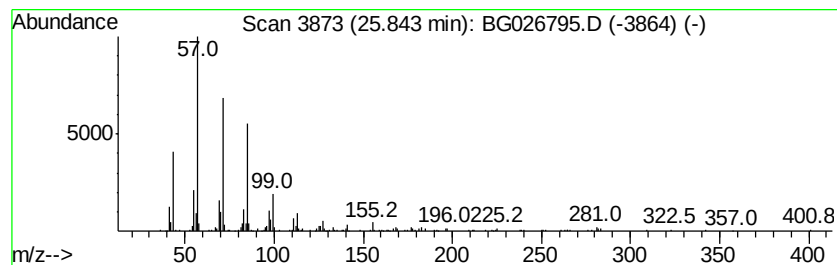
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.84	2.13 ng/ul	333574	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	90
2		Tetracosane	338	C24H50	000646-31-1	87
3		Eicosane	282	C20H42	000112-95-8	87
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5		Docosane, 11-butyl-	366	C26H54	013475-76-8	86



Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026795.D
Acq On : 1 May 2017 5:26
Operator : SJ/MA
Sample : I2846-20
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHT02

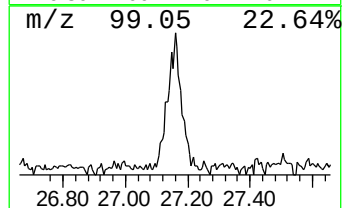
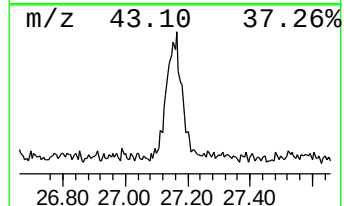
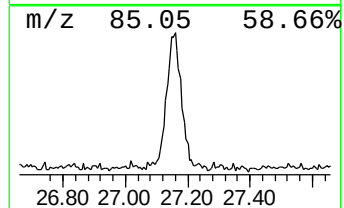
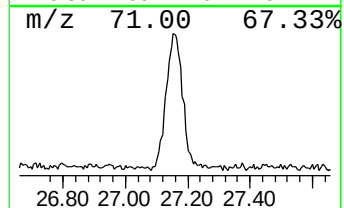
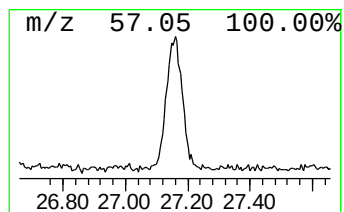
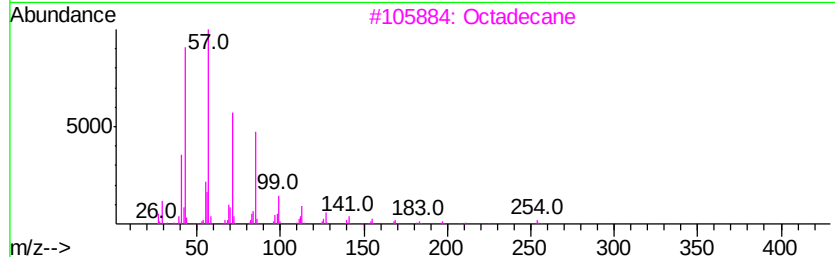
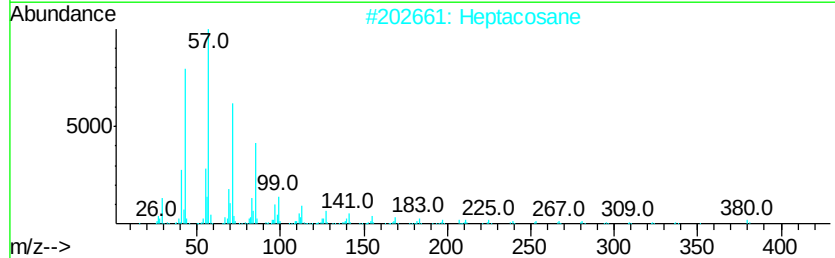
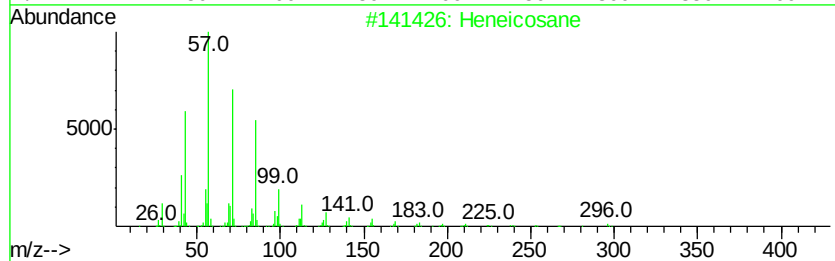
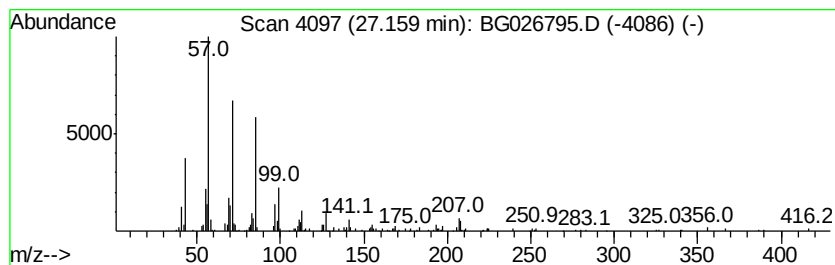
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.16	2.24 ng/ul	351084	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Heptacosane	380	C27H56	000593-49-7	83
3		Octadecane	254	C18H38	000593-45-3	83
4		Nonadecane	268	C19H40	000629-92-5	80
5		Heptadecane	240	C17H36	000629-78-7	80



Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026795.D
Acq On : 1 May 2017 5:26
Operator : SJ/MA
Sample : I2846-20
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHT02

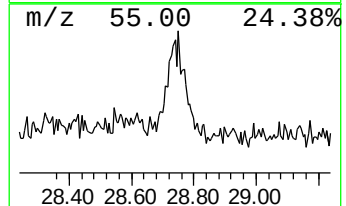
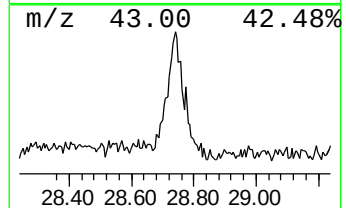
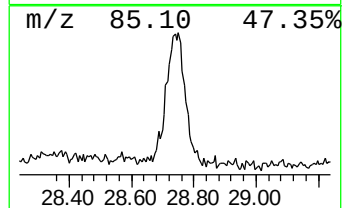
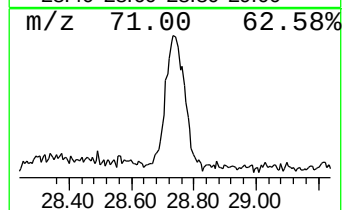
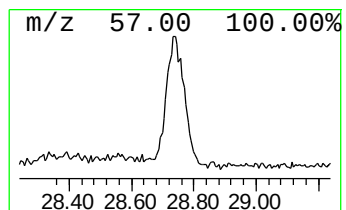
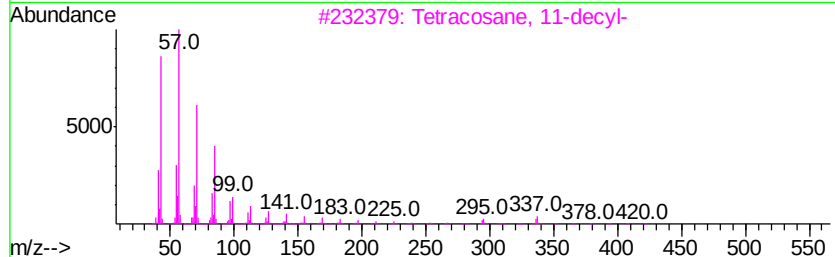
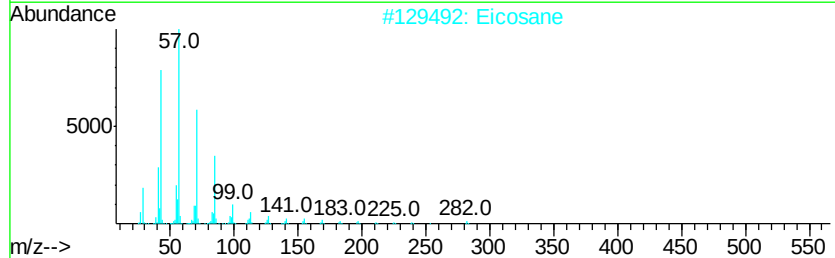
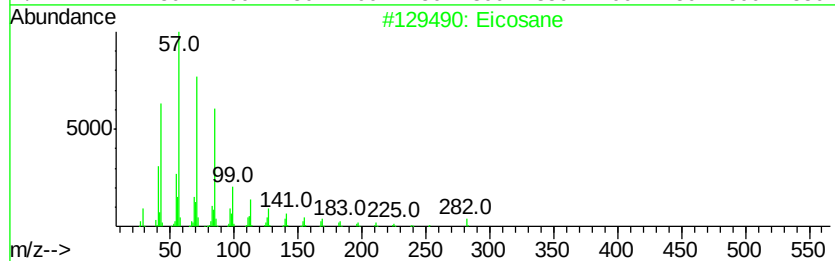
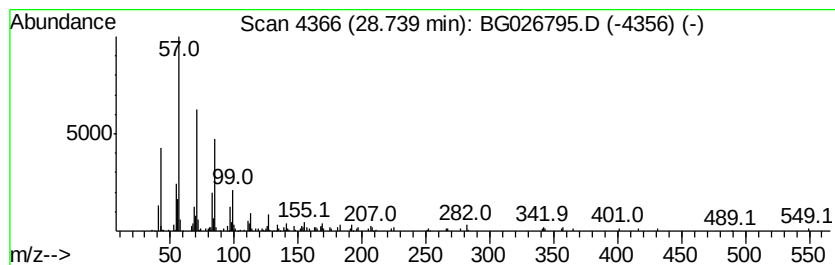
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.74	2.49 ng/ul	389271	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Eicosane	282	C20H42	000112-95-8	83
3		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	74
4		Heneicosane	296	C21H44	000629-94-7	74
5		Pentacosane	352	C25H52	000629-99-2	72



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG043017\
Data File : BG026795.D
Acq On : 1 May 2017 5:26
Operator : SJ/MA
Sample : I2846-20
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHT02

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
1-Octadecanesulph...	17.83	2.7	ng/ul	356246	4	17.35	2656070	20.0
n-Hexadecanoic acid	18.23	4.3	ng/ul	576641	4	17.35	2656070	20.0
Octadecanoic acid	19.50	2.1	ng/ul	285079	5	21.60	2749780	20.0
(DEL) Alkane: Cyc...	21.41	4.3	ng/ul	588185	5	21.60	2749780	20.0
(DEL) Alkane: Str...	25.84	2.1	ng/ul	333574	6	24.76	3129560	20.0
(DEL) Alkane: Str...	27.16	2.2	ng/ul	351084	6	24.76	3129560	20.0
(DEL) Alkane: Str...	28.74	2.5	ng/ul	389271	6	24.76	3129560	20.0