

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071917\
 Data File : BG027968.D
 Acq On : 19 Jul 2017 18:55
 Operator : SJ/JU
 Sample : I4213-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B29

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-BG071717.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	3.865	42	47	55	rBV4	8687	16992	0.81%	0.087%
2	5.487	317	323	331	rBV2	17322	31459	1.49%	0.161%
3	7.514	658	668	688	rBV	189504	363634	17.23%	1.862%
4	7.684	688	697	710	rBV	142011	247873	11.74%	1.269%
5	7.902	725	734	748	rBV	193664	354853	16.81%	1.817%
6	8.372	804	814	826	rVB	162079	291402	13.81%	1.492%
7	9.059	921	931	939	rBV	250859	453400	21.48%	2.321%
8	9.541	1004	1013	1024	rBV	185987	352842	16.72%	1.806%
9	10.264	1127	1136	1146	rVB	164822	312649	14.81%	1.601%
10	10.804	1219	1228	1244	rVB	263081	499751	23.68%	2.559%
11	11.192	1285	1294	1303	rVB	243428	440987	20.89%	2.258%
12	11.321	1308	1316	1336	rBV2	220209	444228	21.05%	2.274%
13	12.643	1536	1541	1545	rBV2	2309	4129	0.20%	0.021%
14	12.755	1553	1560	1565	rVB3	3845	7411	0.35%	0.038%
15	13.325	1650	1657	1665	rBV	5093	9012	0.43%	0.046%
16	13.572	1691	1699	1704	rBV	7305	12766	0.60%	0.065%
17	13.842	1740	1745	1750	rBV3	3175	4763	0.23%	0.024%
18	14.365	1821	1834	1839	rBV	647481	965626	45.75%	4.944%
19	14.412	1839	1842	1853	rVB	89311	126476	5.99%	0.648%
20	14.670	1875	1886	1896	rBV	623622	998456	47.31%	5.112%
21	14.976	1926	1938	1947	rVB2	406616	682596	32.34%	3.495%
22	15.158	1960	1969	1996	rBV2	110529	283146	13.42%	1.450%
23	15.628	2043	2049	2055	rVB4	1542	3852	0.18%	0.020%
24	15.769	2064	2073	2078	rBV3	7188	16209	0.77%	0.083%
25	15.963	2095	2106	2118	rBV	908652	1426652	67.60%	7.304%
26	16.069	2118	2124	2138	rVV	193593	308013	14.59%	1.577%
27	16.204	2141	2147	2156	rVB2	8882	15141	0.72%	0.078%
28	16.650	2216	2223	2231	rVB5	2801	7335	0.35%	0.038%
29	16.833	2247	2254	2258	rBV3	2591	4408	0.21%	0.023%
30	17.432	2352	2356	2360	rVB3	3044	4206	0.20%	0.022%
31	17.514	2365	2370	2375	rVB3	2564	4305	0.20%	0.022%
32	17.726	2395	2406	2416	rBV2	558976	899272	42.61%	4.604%
33	17.820	2416	2422	2434	rVB	1007043	1589546	75.31%	8.138%
34	17.972	2444	2448	2454	rVB4	2340	4414	0.21%	0.023%

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071917\
 Data File : BG027968.D
 Acq On : 19 Jul 2017 18:55
 Operator : SJ/JU
 Sample : I4213-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B29

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-BG071717.M
 Title : SVOA CALIBRATION

35	18.354	2505	2513	2521	rBV6	2747	8134	0.39%	0.042%
36	18.572	2545	2550	2559	rBV5	13115	29878	1.42%	0.153%
37	18.654	2559	2564	2569	rVB2	7133	11005	0.52%	0.056%
38	18.789	2583	2587	2591	rBV4	2797	4255	0.20%	0.022%
39	18.942	2607	2613	2624	rBV5	9219	20320	0.96%	0.104%
40	19.089	2633	2638	2643	rBV7	3800	7509	0.36%	0.038%
41	19.764	2740	2753	2760	rBV2	27969	65929	3.12%	0.338%
42	19.829	2760	2764	2771	rBV7	7857	14822	0.70%	0.076%
43	19.982	2781	2790	2796	rBV	13721	24974	1.18%	0.128%
44	20.093	2798	2809	2823	rBV	1357606	2110587	100.00%	10.805%
45	20.182	2823	2824	2830	rBV6	3730	5428	0.26%	0.028%
46	20.299	2838	2844	2851	rBV3	11681	21904	1.04%	0.112%
47	20.440	2863	2868	2876	rVB9	4864	12277	0.58%	0.063%
48	20.605	2888	2896	2901	rBV5	10005	21060	1.00%	0.108%
49	20.705	2905	2913	2918	rBV3	9269	18171	0.86%	0.093%
50	20.763	2918	2923	2927	rVV7	5123	6533	0.31%	0.033%
51	20.810	2927	2931	2933	rVB5	4081	5476	0.26%	0.028%
52	20.846	2933	2937	2939	rBV4	2946	4493	0.21%	0.023%
53	20.963	2954	2957	2961	rBV6	4427	5994	0.28%	0.031%
54	21.086	2976	2978	2981	rBV4	4759	4855	0.23%	0.025%
55	21.128	2982	2985	2990	rVB6	5284	6322	0.30%	0.032%
56	21.439	3028	3038	3040	rBV9	6865	18913	0.90%	0.097%
57	21.498	3040	3048	3053	rVV8	8065	25031	1.19%	0.128%
58	21.621	3064	3069	3071	rBV2	3186	5763	0.27%	0.030%
59	21.703	3080	3083	3087	rVB6	3803	5089	0.24%	0.026%
60	21.891	3109	3115	3120	rVV4	8317	14495	0.69%	0.074%
61	22.056	3132	3143	3159	rBV	636194	1243145	58.90%	6.364%
62	22.215	3165	3170	3175	rBV8	7845	14747	0.70%	0.075%
63	22.267	3177	3179	3186	rVB8	4839	8295	0.39%	0.042%
64	22.626	3239	3240	3248	rVV6	2177	4840	0.23%	0.025%
65	22.685	3248	3250	3255	rVB5	3446	4849	0.23%	0.025%
66	22.767	3256	3264	3266	rBV7	2469	5864	0.28%	0.030%
67	22.826	3268	3274	3275	rBV6	4196	7747	0.37%	0.040%
68	22.867	3275	3281	3287	rVB5	14361	27576	1.31%	0.141%
69	23.266	3345	3349	3351	rBV5	3537	5328	0.25%	0.027%
70	23.478	3379	3385	3386	rBV6	2902	3859	0.18%	0.020%
71	23.554	3395	3398	3401	rBV4	2859	4359	0.21%	0.022%

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071917\
Data File : BG027968.D
Acq On : 19 Jul 2017 18:55
Operator : SJ/JU
Sample : I4213-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B29

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-BG071717.M
Title : SVOA CALIBRATION

72	23.619	3402	3409	3420	rVB3	32327	66239	3.14%	0.339%
73	24.148	3498	3499	3505	rVB5	2949	5533	0.26%	0.028%
74	24.494	3543	3558	3571	rVB4	51683	156808	7.43%	0.803%
75	24.735	3593	3599	3601	rBV6	4555	8502	0.40%	0.044%
76	24.794	3606	3609	3610	rBV3	4614	5088	0.24%	0.026%
77	24.935	3630	3633	3637	rVB6	3589	4013	0.19%	0.021%
78	25.229	3679	3683	3688	rBV6	6306	14780	0.70%	0.076%
79	25.328	3688	3700	3723	rVB2	671433	2075323	98.33%	10.625%
80	25.569	3726	3741	3755	rBV	340948	1253687	59.40%	6.418%
81	26.274	3860	3861	3866	rVB5	3676	4356	0.21%	0.022%
82	26.504	3897	3900	3904	rBV6	4127	6825	0.32%	0.035%
83	26.774	3935	3946	3957	rVB4	67174	210594	9.98%	1.078%
84	27.408	4050	4054	4055	rBV4	3560	4214	0.20%	0.022%
85	27.990	4151	4153	4156	rVB4	3631	4150	0.20%	0.021%
86	28.043	4161	4162	4167	rVB5	3968	4329	0.21%	0.022%
87	28.254	4184	4198	4214	rBV3	66447	250524	11.87%	1.283%
88	28.442	4226	4230	4236	rBV8	4209	4397	0.21%	0.023%
89	28.490	4237	4238	4245	rVB7	2367	3925	0.19%	0.020%
90	28.607	4255	4258	4261	rVB4	3050	4164	0.20%	0.021%
91	28.707	4272	4275	4279	rVV6	4021	5774	0.27%	0.030%
92	28.783	4286	4288	4290	rBV3	3444	3855	0.18%	0.020%
93	29.124	4343	4346	4352	rBV6	3835	5231	0.25%	0.027%
94	29.776	4453	4457	4460	rBV6	2526	4144	0.20%	0.021%
95	30.035	4488	4501	4517	rBV5	45260	210169	9.96%	1.076%
96	30.581	4591	4594	4597	rBV5	3655	4536	0.21%	0.023%
97	30.810	4629	4633	4634	rVB4	4343	4293	0.20%	0.022%
98	31.010	4664	4667	4670	rVB5	2748	3876	0.18%	0.020%
99	31.333	4716	4722	4724	rBV7	3437	6074	0.29%	0.031%
100	32.215	4858	4872	4891	rVB6	35303	199698	9.46%	1.022%

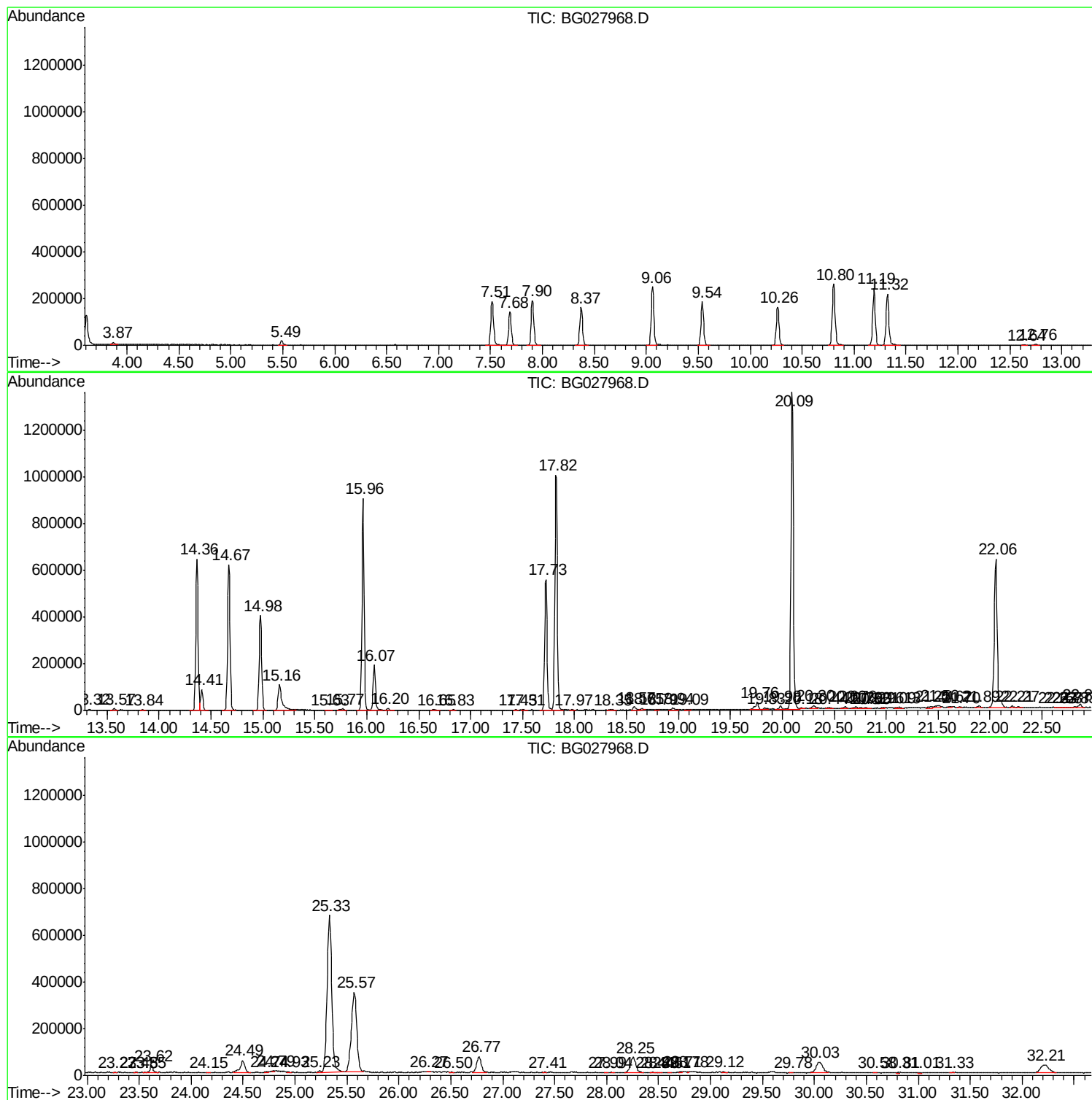
Sum of corrected areas: 19532731

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071917\
Data File : BG027968.D
Acq On : 19 Jul 2017 18:55
Operator : SJ/JU
Sample : I4213-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B29

Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG071917\
Data File : BG027968.D
Acq On : 19 Jul 2017 18:55
Operator : SJ/JU
Sample : I4213-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B29

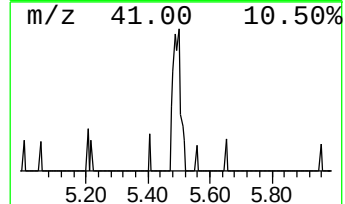
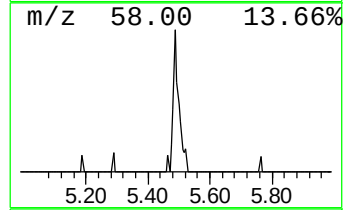
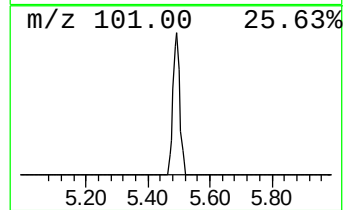
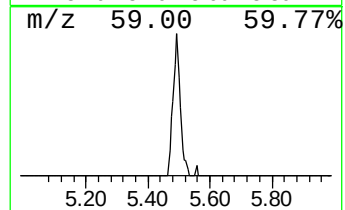
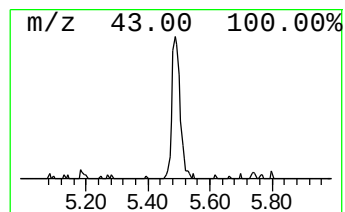
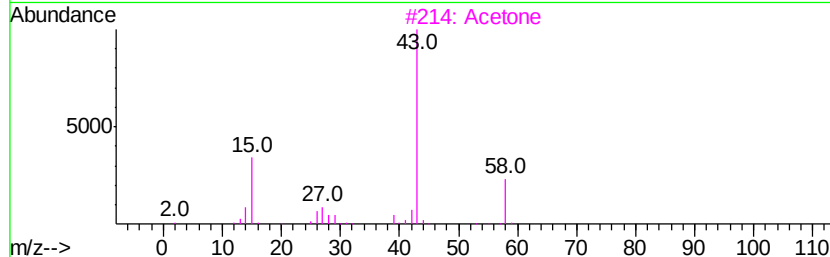
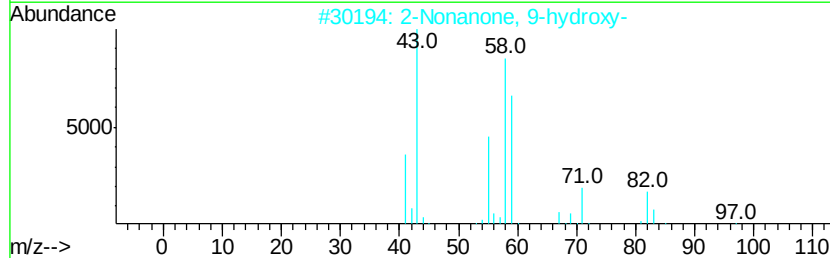
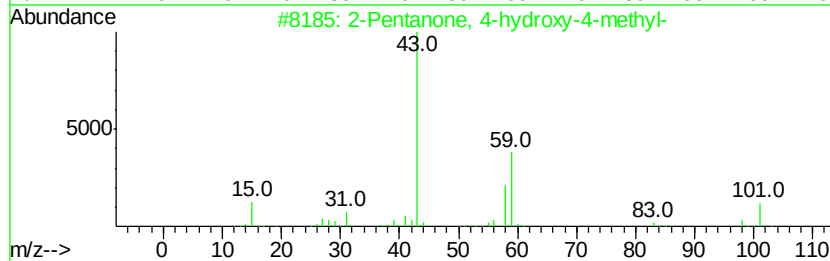
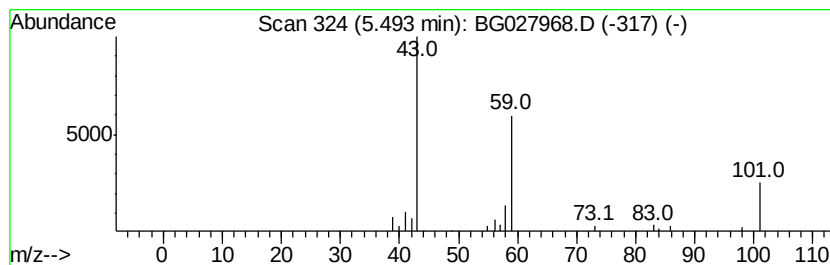
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.49	2.16 ng/ul	31459	1,4-Dichlorobenzene-d4	8.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	25
3		Acetone	58	C3H6O	000067-64-1	9
4		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
5		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	9



Data Path : Z:\HPCHEM1\BNA G\DATA\BG071917\
Data File : BG027968.D
Acq On : 19 Jul 2017 18:55
Operator : SJ/JU
Sample : I4213-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B29

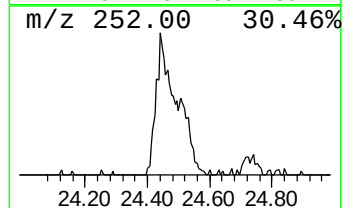
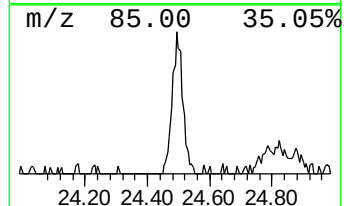
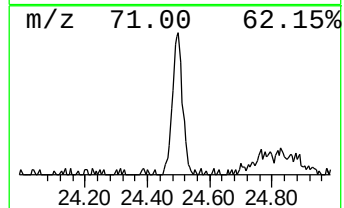
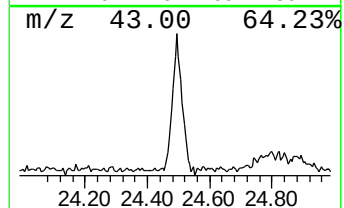
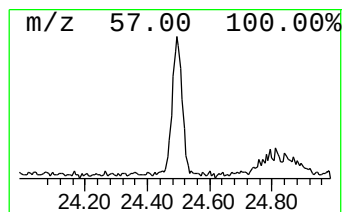
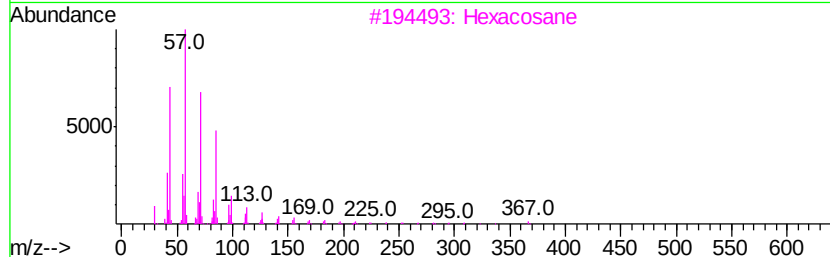
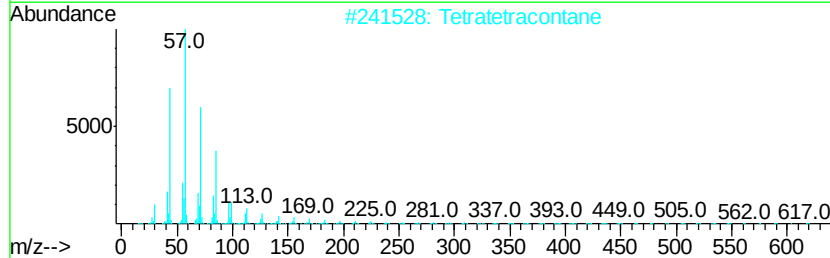
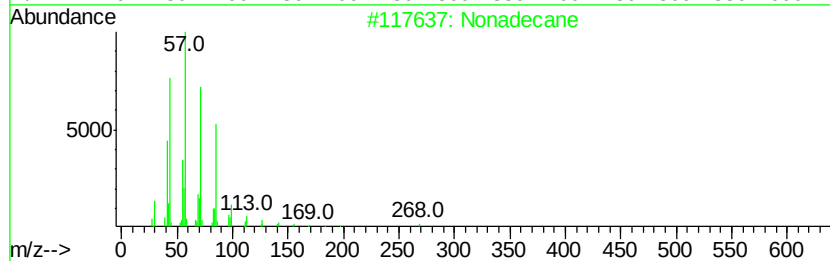
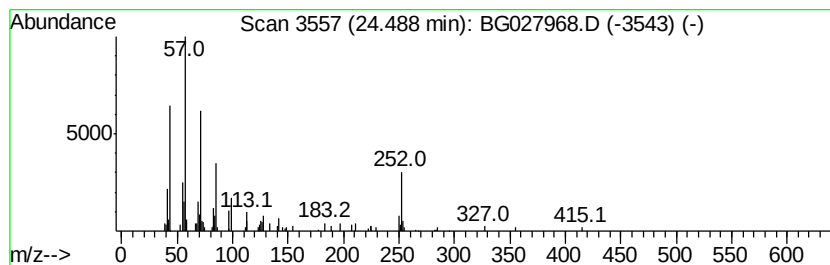
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.49	2.50 ng/ul	156808	Perylene-d12	25.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	92
2		Tetratetracontane	619	C44H90	007098-22-8	81
3		Hexacosane	366	C26H54	000630-01-3	81
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	81
5		Octacosane	394	C28H58	000630-02-4	81



Data Path : Z:\HPCHEM1\BNA G\DATA\BG071917\
Data File : BG027968.D
Acq On : 19 Jul 2017 18:55
Operator : SJ/JU
Sample : I4213-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B29

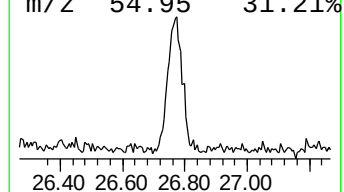
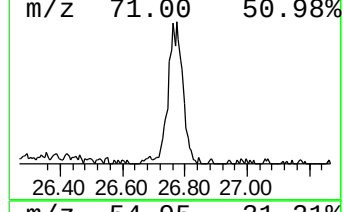
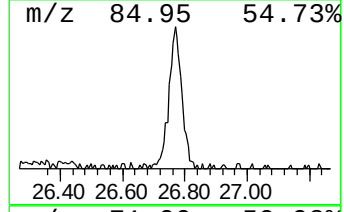
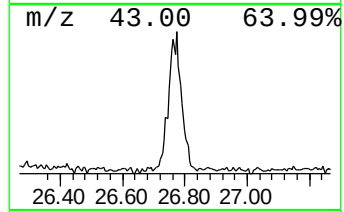
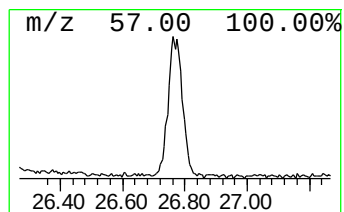
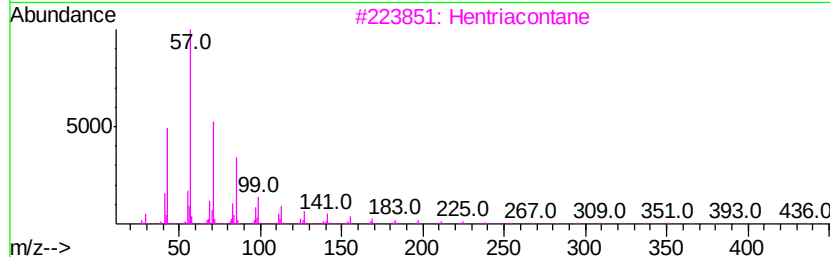
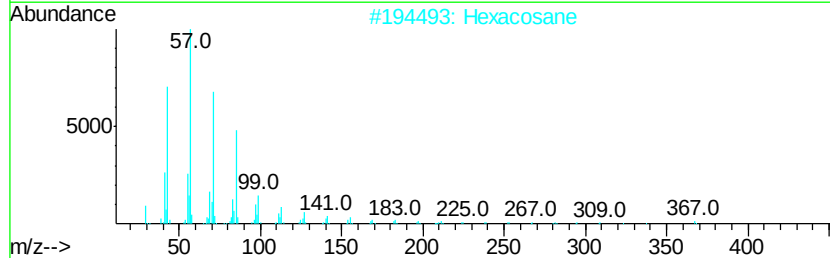
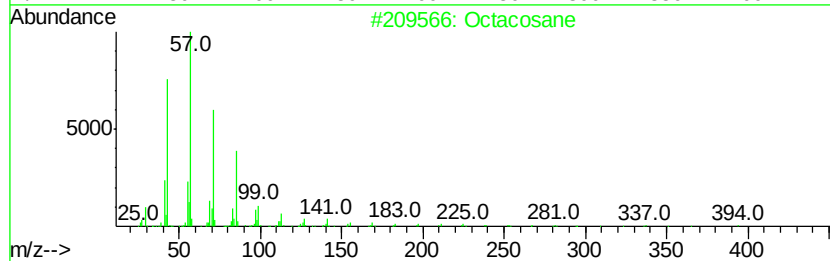
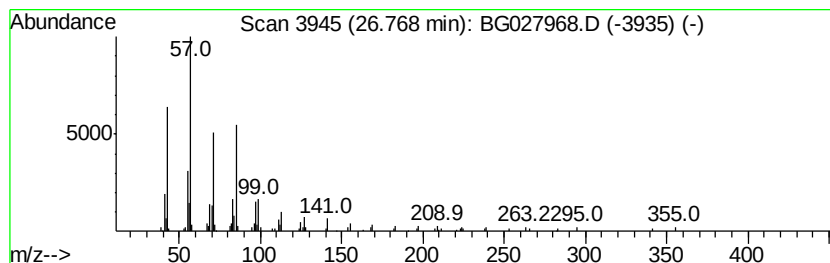
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.77	3.36 ng/ul	210594	Perylene-d12	25.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	90
2			Hexacosane	366	C26H54	000630-01-3	90
3			Hentriacontane	437	C31H64	000630-04-6	90
4			Heneicosane	296	C21H44	000629-94-7	87
5			Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG071917\
Data File : BG027968.D
Acq On : 19 Jul 2017 18:55
Operator : SJ/JU
Sample : I4213-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B29

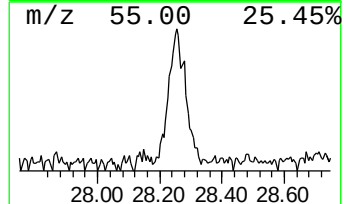
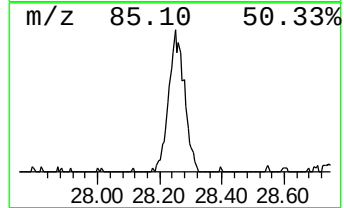
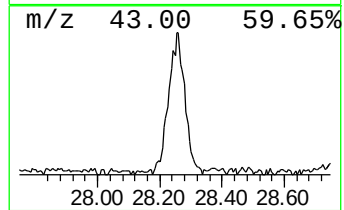
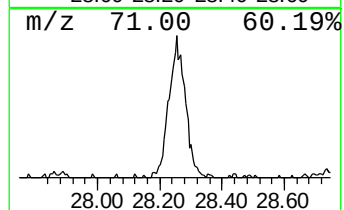
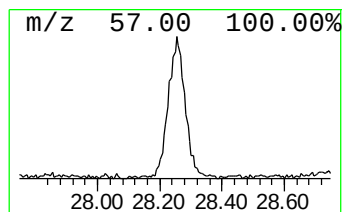
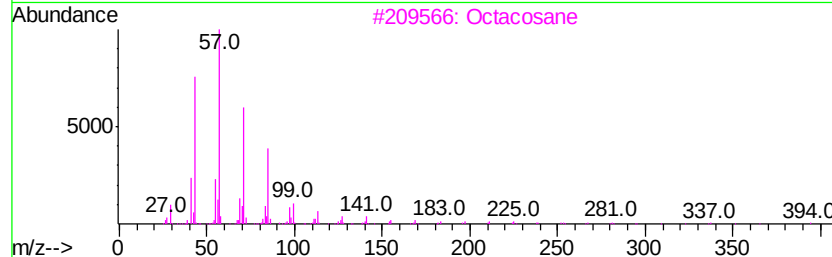
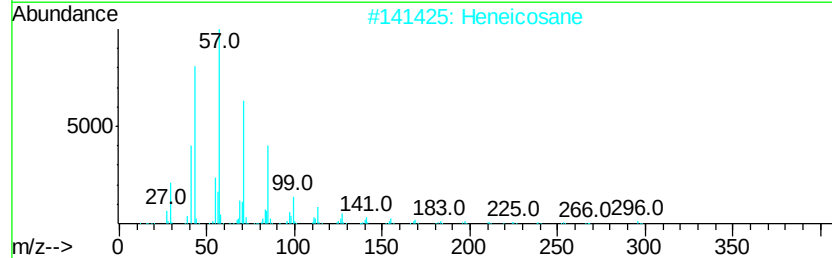
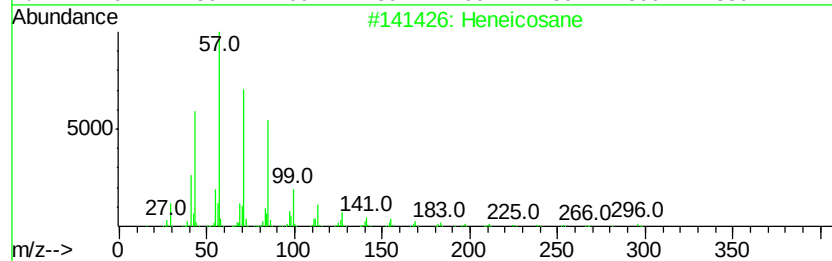
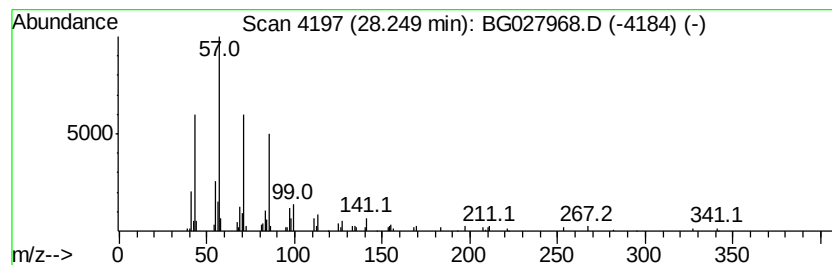
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Cyclic28.25 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.25	4.00 ng/ul	250524	Perylene-d12	25.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	98
2		Heneicosane	296	C21H44	000629-94-7	96
3		Octacosane	394	C28H58	000630-02-4	90
4		Tetratetracontane	619	C44H90	007098-22-8	90
5		Docosane, 7-hexyl-	394	C28H58	055373-86-9	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG071917\
Data File : BG027968.D
Acq On : 19 Jul 2017 18:55
Operator : SJ/JU
Sample : I4213-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B29

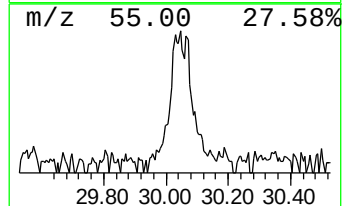
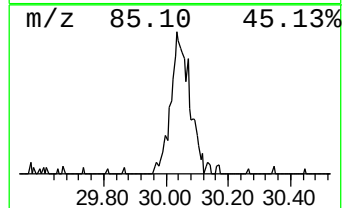
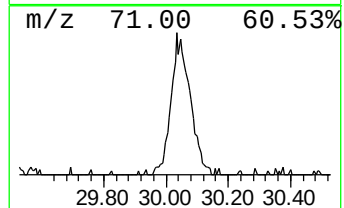
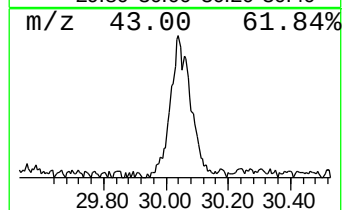
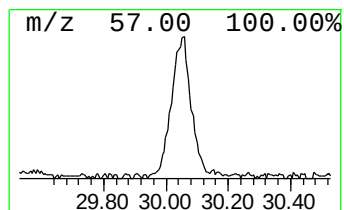
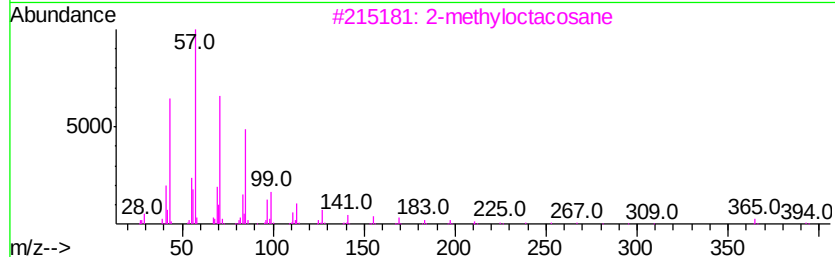
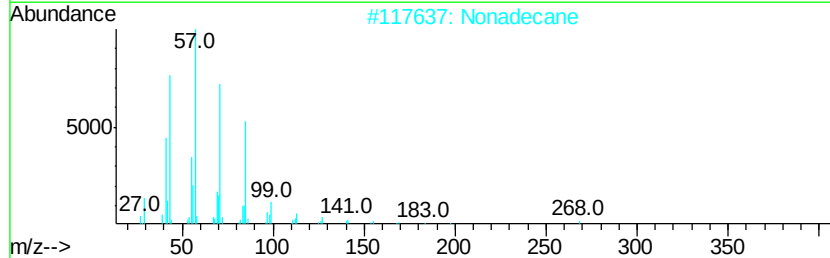
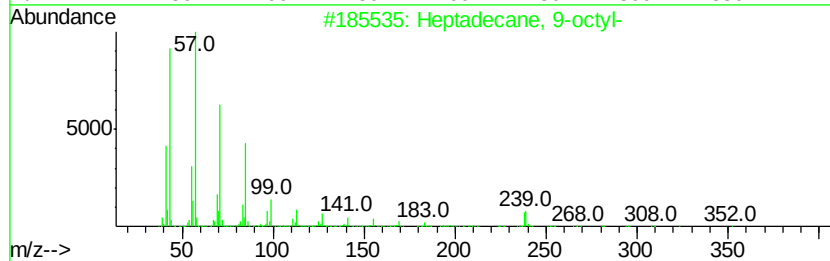
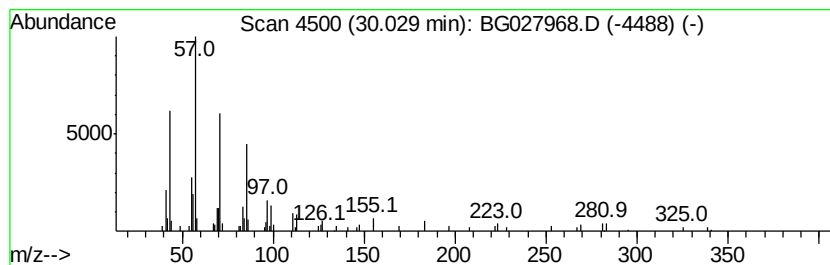
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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.
30.03	3.35 ng/ul	210169	Perylene-d12	25.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
2		Nonadecane	268	C19H40	000629-92-5	87
3		2-methyloctacosane	408	C29H60	1000376-72-8	87
4		Eicosane	282	C20H42	000112-95-8	86
5		Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	86



Data Path : Z:\HPCHEM1\BNA G\DATA\BG071917\
Data File : BG027968.D
Acq On : 19 Jul 2017 18:55
Operator : SJ/JU
Sample : I4213-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B29

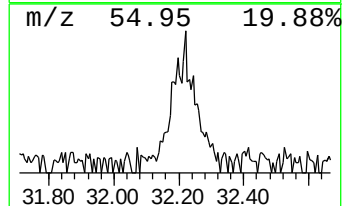
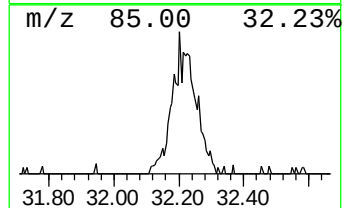
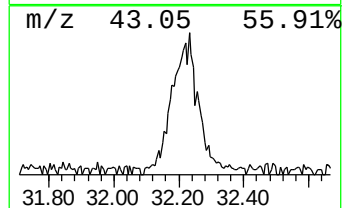
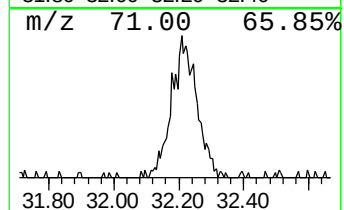
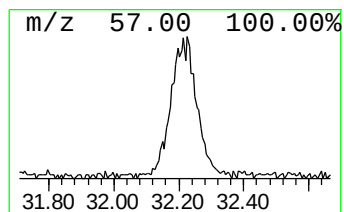
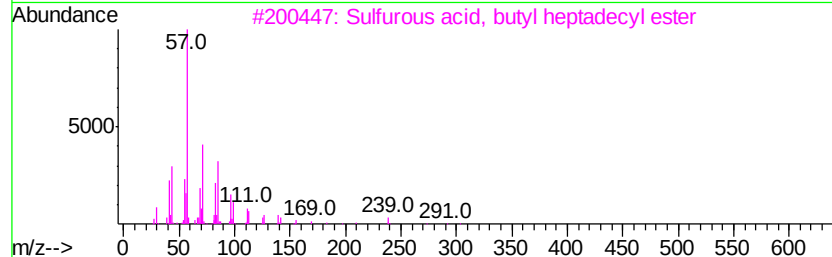
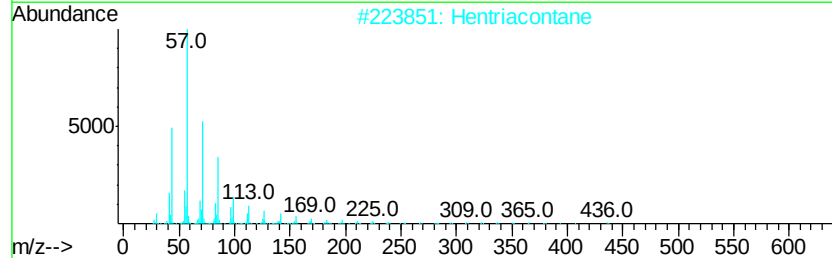
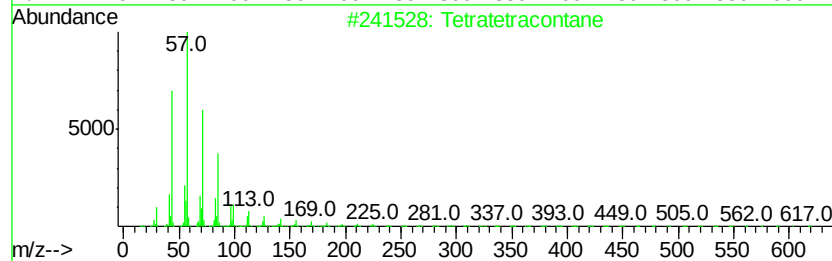
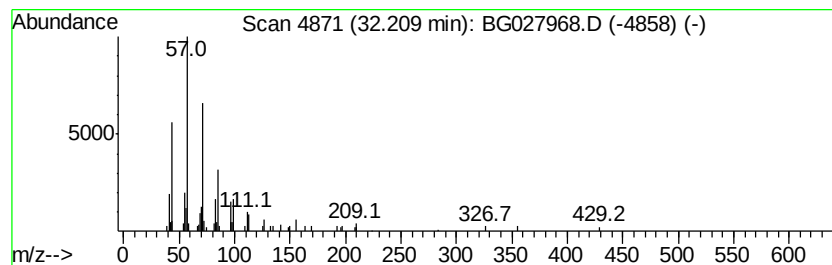
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.21	3.19 ng/ul	199698	Perylene-d12	25.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	83
2		Hentriacontane	437	C31H64	000630-04-6	83
3		Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	83
4		Octacosane	394	C28H58	000630-02-4	80
5		Tetracosane	338	C24H50	000646-31-1	80



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071917\
Data File : BG027968.D
Acq On : 19 Jul 2017 18:55
Operator : SJ/JU
Sample : I4213-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B29

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.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
2-Pentanone, 4-hy...	5.49	2.2	ng/ul	31459	1	8.37	291402	20.0
(DEL) Alkane: Str...	24.49	2.5	ng/ul	156808	6	25.57	1253690	20.0
(DEL) Alkane: Str...	26.77	3.4	ng/ul	210594	6	25.57	1253690	20.0
(DEL) Alkane: Cyc...	28.25	4.0	ng/ul	250524	6	25.57	1253690	20.0
(DEL) Alkane: Str...	30.03	3.4	ng/ul	210169	6	25.57	1253690	20.0
(DEL) Alkane: Str...	32.21	3.2	ng/ul	199698	6	25.57	1253690	20.0