

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072017\
 Data File : BG027996.D
 Acq On : 20 Jul 2017 13:25
 Operator : SJ/JU
 Sample : I4209-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B13

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	3.860	40	46	55	rVB3	10942	21593	1.05%	0.108%
2	4.119	84	90	103	rBV	9796	22695	1.11%	0.114%
3	7.515	658	668	683	rBV	192926	384795	18.77%	1.933%
4	7.685	685	697	706	rBV	143967	243783	11.89%	1.225%
5	7.902	725	734	745	rBV	200653	362461	17.68%	1.821%
6	8.373	807	814	825	rBV	171607	296485	14.46%	1.489%
7	9.060	923	931	941	rBV	236108	436536	21.29%	2.193%
8	9.536	1003	1012	1023	rBV	183222	349533	17.05%	1.756%
9	10.264	1128	1136	1150	rVB	167233	310920	15.16%	1.562%
10	10.805	1219	1228	1245	rBV	248766	480754	23.45%	2.415%
11	11.193	1286	1294	1307	rVB	231218	421743	20.57%	2.118%
12	11.322	1307	1316	1334	rBV	230605	456391	22.26%	2.293%
13	12.750	1553	1559	1567	rVB3	4159	7213	0.35%	0.036%
14	13.566	1694	1698	1705	rBV2	1894	3621	0.18%	0.018%
15	14.366	1824	1834	1838	rBV	581393	867035	42.29%	4.355%
16	14.407	1838	1841	1851	rVB	311199	468043	22.83%	2.351%
17	14.671	1878	1886	1901	rBV	572907	915992	44.67%	4.601%
18	14.836	1910	1914	1920	rVB3	2605	3400	0.17%	0.017%
19	14.977	1929	1938	1946	rBV2	394179	659007	32.14%	3.310%
20	15.159	1960	1969	1986	rBV	127878	302283	14.74%	1.518%
21	15.770	2063	2073	2081	rVB5	9917	22421	1.09%	0.113%
22	15.964	2097	2106	2117	rBV	856119	1316841	64.22%	6.615%
23	16.069	2118	2124	2139	rVV	230680	359247	17.52%	1.805%
24	16.199	2139	2146	2156	rVB3	10015	19252	0.94%	0.097%
25	16.528	2197	2202	2211	rVB3	1664	3413	0.17%	0.017%
26	16.633	2215	2220	2231	rBV3	8222	16705	0.81%	0.084%
27	16.904	2263	2266	2276	rBV3	1940	4126	0.20%	0.021%
28	17.432	2351	2356	2361	rBV4	7962	11125	0.54%	0.056%
29	17.515	2361	2370	2377	rVB5	2843	9530	0.46%	0.048%
30	17.720	2398	2405	2414	rVV	608164	944855	46.08%	4.746%
31	17.820	2414	2422	2434	rVB2	1010779	1557794	75.97%	7.825%
32	18.096	2464	2469	2476	rBV3	2397	3968	0.19%	0.020%
33	18.173	2476	2482	2488	rVV3	4090	6814	0.33%	0.034%
34	18.361	2510	2514	2519	rBV4	2165	3532	0.17%	0.018%

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35	18.572	2545	2550	2560	rBV2	16555	35595	1.74%	0.179%
36	18.649	2560	2563	2568	rVB4	4200	7149	0.35%	0.036%
37	19.648	2726	2733	2738	rVV3	1622	3722	0.18%	0.019%
38	19.730	2738	2747	2758	rBV3	11467	27270	1.33%	0.137%
39	19.830	2760	2764	2769	rBV5	4627	7853	0.38%	0.039%
40	19.982	2785	2790	2796	rBV2	11750	18429	0.90%	0.093%
41	20.094	2798	2809	2822	rBV	1300890	2019921	98.51%	10.146%
42	20.664	2901	2906	2908	rBV5	3045	4197	0.20%	0.021%
43	20.723	2911	2916	2920	rBV6	2644	5736	0.28%	0.029%
44	20.975	2957	2959	2963	rVB4	3065	3740	0.18%	0.019%
45	21.017	2963	2966	2972	rBV7	3297	5971	0.29%	0.030%
46	21.304	3011	3015	3019	rBV5	2179	3260	0.16%	0.016%
47	21.492	3027	3047	3065	rVV5	29401	172748	8.43%	0.868%
48	21.622	3065	3069	3074	rVV6	4961	9656	0.47%	0.049%
49	21.657	3074	3075	3080	rVV3	3368	4496	0.22%	0.023%
50	21.886	3111	3114	3119	rBV4	3724	6107	0.30%	0.031%
51	22.056	3134	3143	3157	rBV	715719	1307669	63.78%	6.569%
52	22.203	3165	3168	3175	rBV7	6493	11124	0.54%	0.056%
53	22.867	3271	3281	3289	rBV5	12695	28828	1.41%	0.145%
54	23.149	3326	3329	3333	rBV5	2953	3886	0.19%	0.020%
55	23.179	3333	3334	3341	rVB6	2788	3561	0.17%	0.018%
56	23.273	3345	3350	3352	rBV5	3055	4048	0.20%	0.020%
57	23.619	3401	3409	3417	rBV	30104	60847	2.97%	0.306%
58	23.784	3434	3437	3438	rBV2	4178	3936	0.19%	0.020%
59	23.837	3439	3446	3455	rVB9	9759	25130	1.23%	0.126%
60	23.901	3455	3457	3460	rBV4	3300	3271	0.16%	0.016%
61	23.943	3460	3464	3467	rBV6	3128	4980	0.24%	0.025%
62	24.019	3473	3477	3480	rBV5	2624	3460	0.17%	0.017%
63	24.336	3528	3531	3537	rBV8	3646	6166	0.30%	0.031%
64	24.418	3542	3545	3547	rBV4	3221	4058	0.20%	0.020%
65	24.501	3551	3559	3569	rVB3	44377	102888	5.02%	0.517%
66	24.806	3593	3611	3635	rVB10	21076	162609	7.93%	0.817%
67	24.965	3635	3638	3644	rVB7	2973	3958	0.19%	0.020%
68	25.024	3644	3648	3649	rBV4	2647	3169	0.15%	0.016%
69	25.235	3678	3684	3685	rBV3	2583	3629	0.18%	0.018%
70	25.329	3685	3700	3720	rVV2	676697	2050410	100.00%	10.299%
71	25.570	3724	3741	3762	rVB	397606	1427902	69.64%	7.173%

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72	25.711	3762	3765	3767	rBV4	2903	3255	0.16%	0.016%
73	26.299	3860	3865	3867	rVB6	2966	3938	0.19%	0.020%
74	26.375	3875	3878	3880	rBV4	3203	3813	0.19%	0.019%
75	26.769	3931	3945	3958	rBV2	71826	227709	11.11%	1.144%
76	27.027	3980	3989	3993	rBV9	3651	10501	0.51%	0.053%
77	27.104	3995	4002	4005	rBV9	3621	7600	0.37%	0.038%
78	27.250	4025	4027	4033	rVB6	2190	3987	0.19%	0.020%
79	27.386	4047	4050	4055	rVB7	3422	4447	0.22%	0.022%
80	28.061	4158	4165	4168	rVB6	2554	4569	0.22%	0.023%
81	28.249	4185	4197	4213	rVB3	69429	250818	12.23%	1.260%
82	28.666	4261	4268	4270	rBV6	3126	5344	0.26%	0.027%
83	28.690	4270	4272	4273	rBV2	4520	3356	0.16%	0.017%
84	28.725	4273	4278	4281	rBV7	6063	10440	0.51%	0.052%
85	28.790	4283	4289	4292	rBV8	4062	7164	0.35%	0.036%
86	29.101	4340	4342	4349	rVV7	3757	5289	0.26%	0.027%
87	29.166	4349	4353	4354	rVB4	3960	4461	0.22%	0.022%
88	29.313	4371	4378	4380	rBV6	2702	6119	0.30%	0.031%
89	29.371	4385	4388	4393	rVB6	4303	8006	0.39%	0.040%
90	29.407	4393	4394	4398	rBV4	3171	3863	0.19%	0.019%
91	29.483	4406	4407	4412	rBV4	2870	4479	0.22%	0.022%
92	29.695	4440	4443	4447	rBV6	2919	3915	0.19%	0.020%
93	30.041	4487	4502	4518	rBV4	48167	215031	10.49%	1.080%
94	30.194	4526	4528	4532	rBV5	3219	3333	0.16%	0.017%
95	30.429	4567	4568	4574	rBV6	2751	4329	0.21%	0.022%
96	30.664	4606	4608	4613	rBV5	3311	4830	0.24%	0.024%
97	31.346	4722	4724	4733	rVB9	2745	5340	0.26%	0.027%
98	31.628	4766	4772	4779	rVB9	3926	10007	0.49%	0.050%
99	32.203	4851	4870	4889	rBV5	40414	220862	10.77%	1.109%
100	32.491	4912	4919	4923	rBV8	2557	5888	0.29%	0.030%

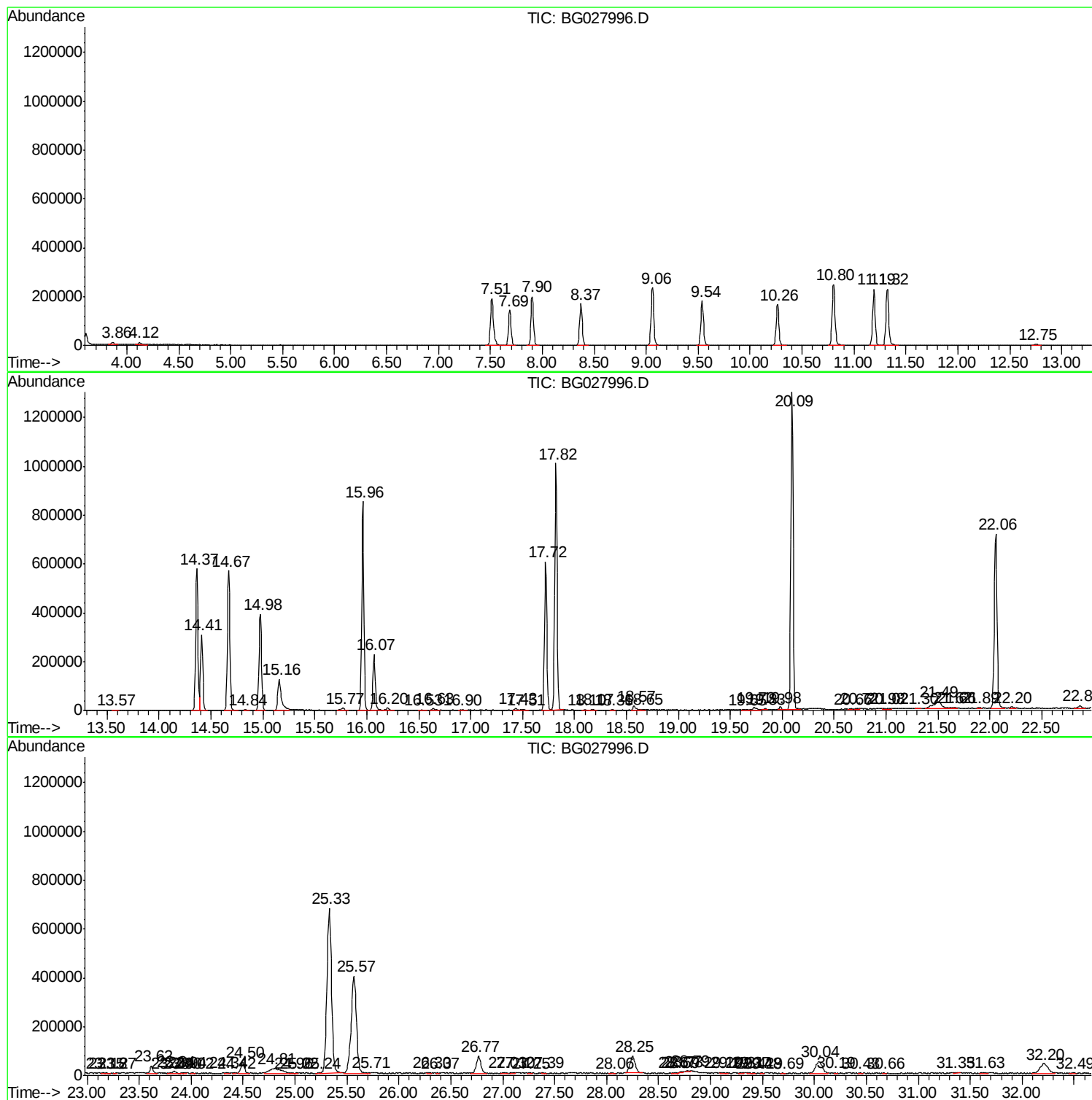
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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



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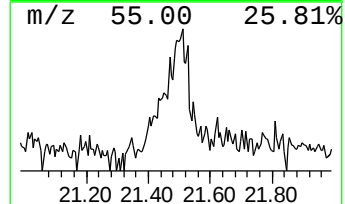
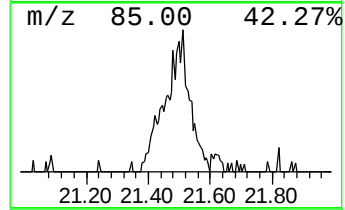
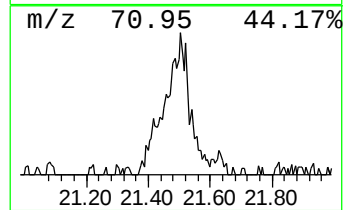
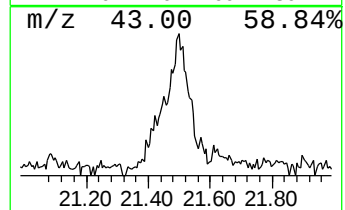
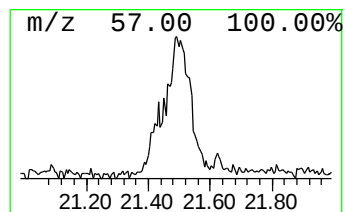
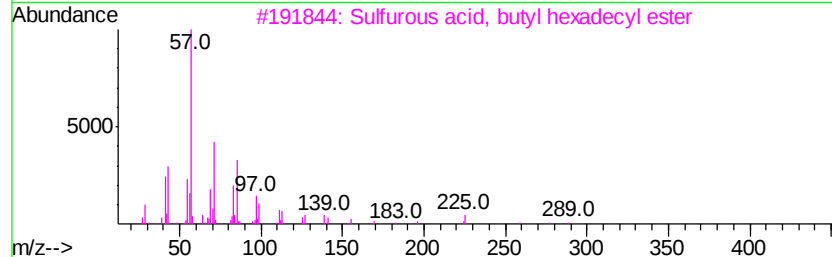
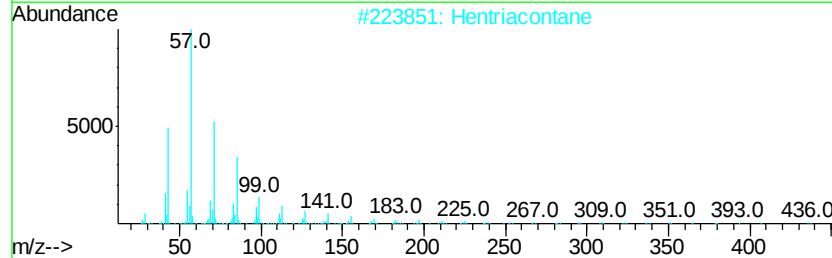
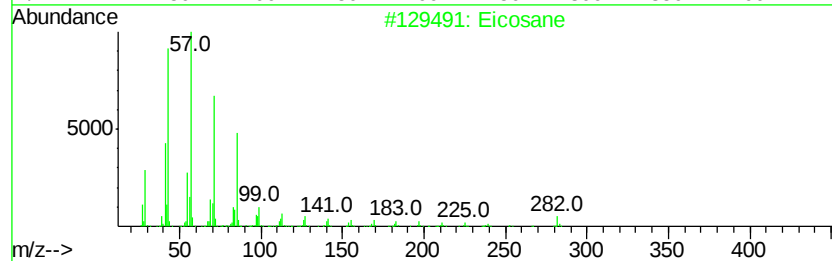
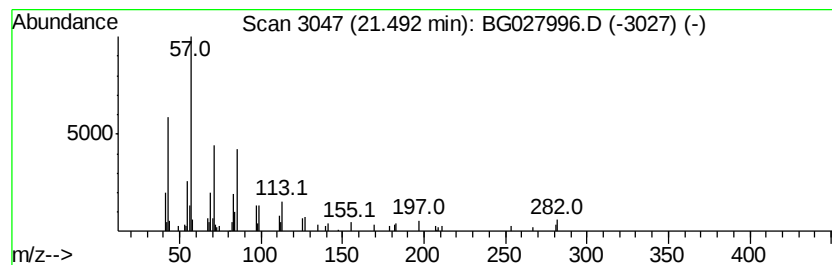
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.49	2.64 ng/ul	172748	Chrysene-d12	22.06
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	94
2	Hentriacontane	437 C31H64	000630-04-6	86
3	Sulfurous acid, butyl hexadecyl ...	362 C20H42O3S	1000309-18-3	86
4	Pentatriacontane	493 C35H72	000630-07-9	78
5	2-methyloctacosane	408 C29H60	1000376-72-8	72



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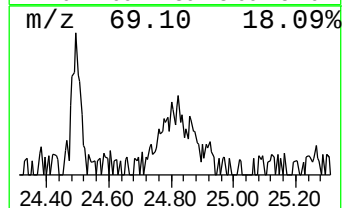
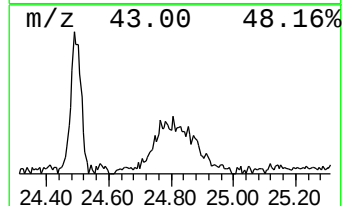
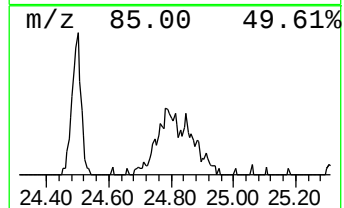
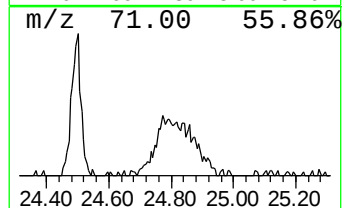
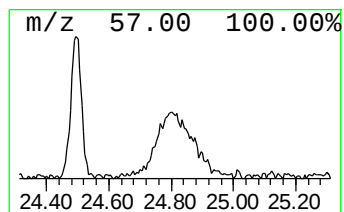
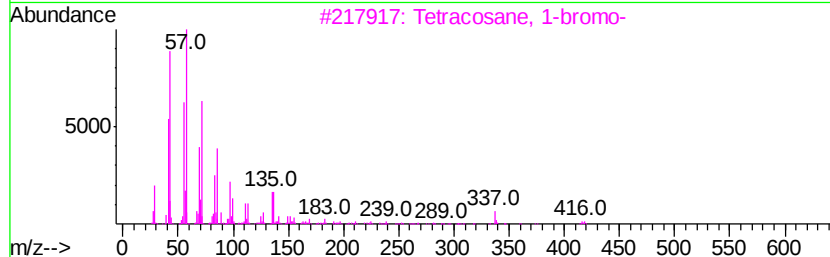
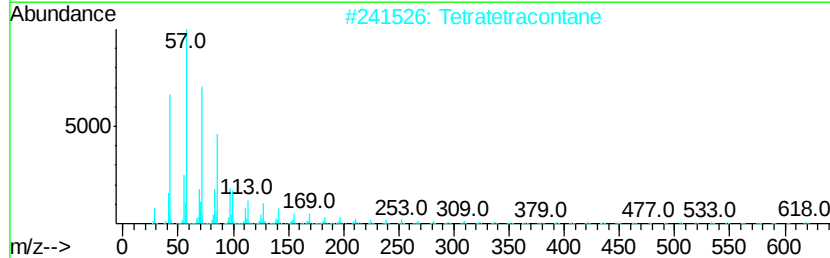
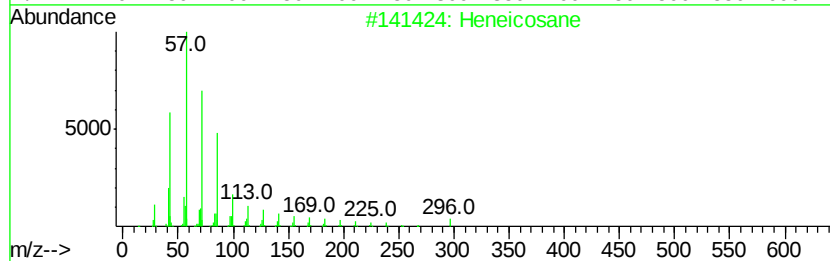
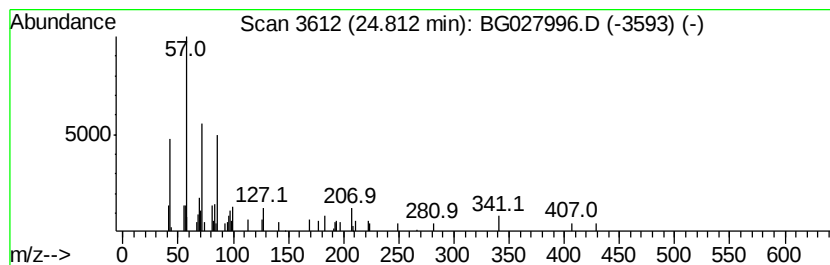
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.81	2.28 ng/ul	162609	Perylene-d12	25.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Heneicosane	296 C21H44	000629-94-7 58
2		Tetratetracontane	619 C44H90	007098-22-8 58
3		Tetracosane, 1-bromo-	416 C24H49Br	006946-24-3 58
4		Heptacosane	380 C27H56	000593-49-7 58
5		Sulfurous acid, butyl heptadecyl...	376 C21H44O3S	1000309-18-4 58



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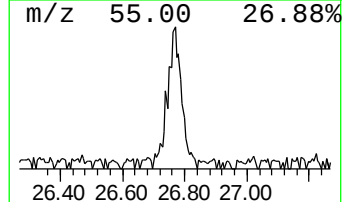
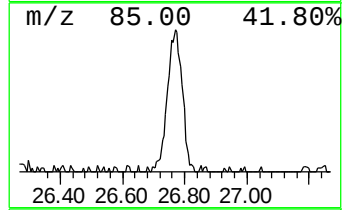
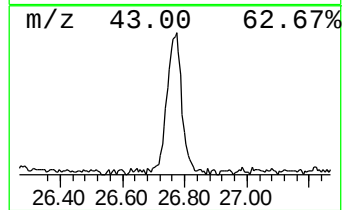
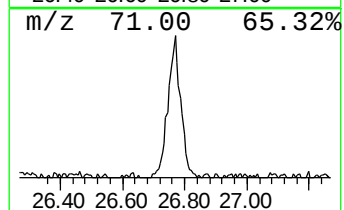
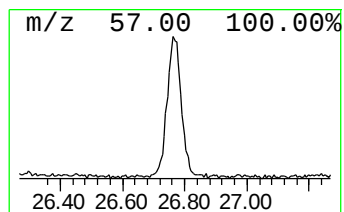
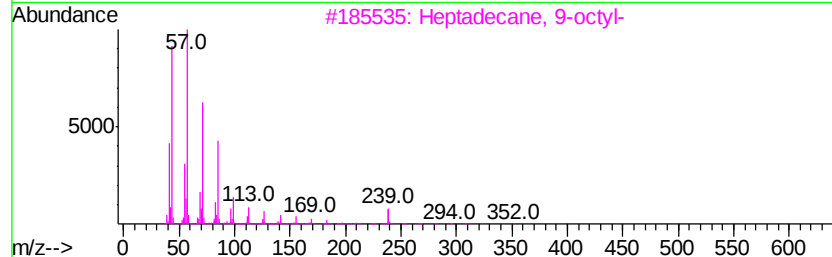
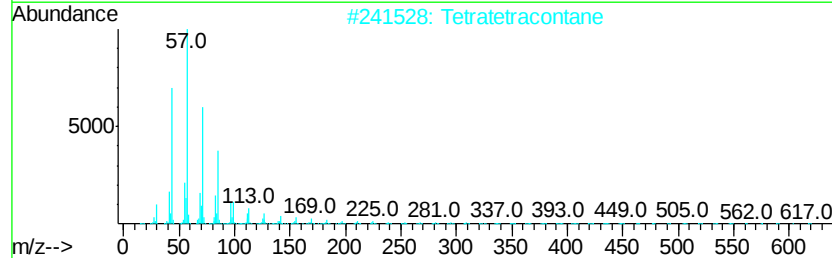
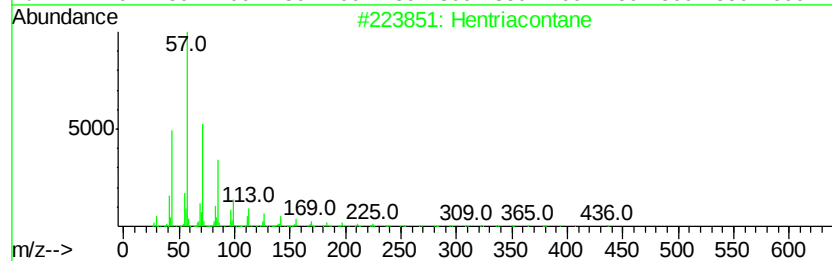
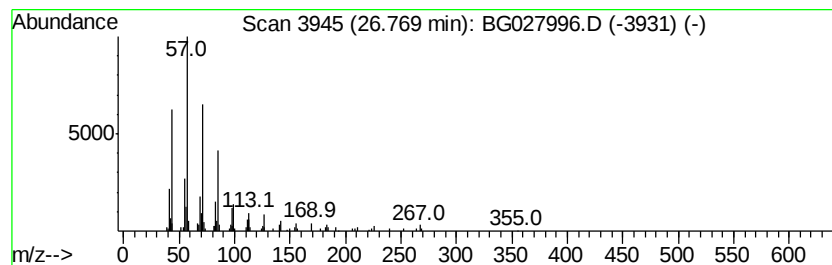
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.77	3.19 ng/ul	227709	Perylene-d12	25.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	90
2		Tetratetracontane	619	C44H90	007098-22-8	90
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
4		2-methyloctacosane	408	C29H60	1000376-72-8	90
5		7-Methyl-octadecane	268	C19H40	1000192-63-3	90



Data Path : Z:\HPCHEM1\BNA G\DATA\BG072017\
Data File : BG027996.D
Acq On : 20 Jul 2017 13:25
Operator : SJ/JU
Sample : I4209-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B13

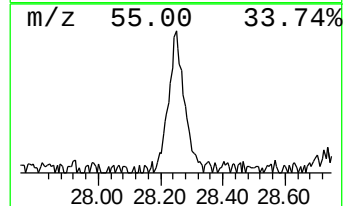
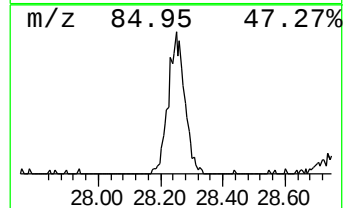
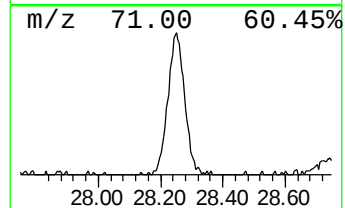
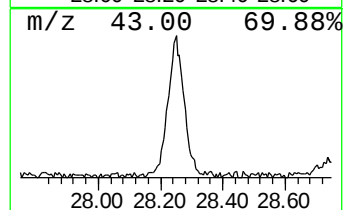
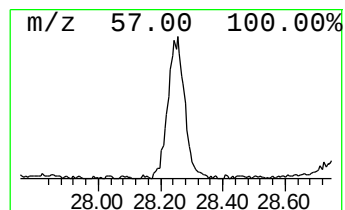
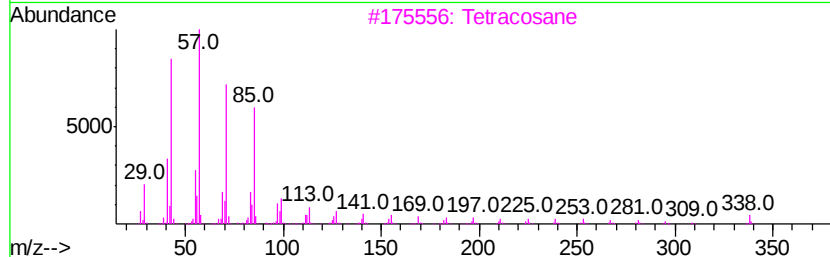
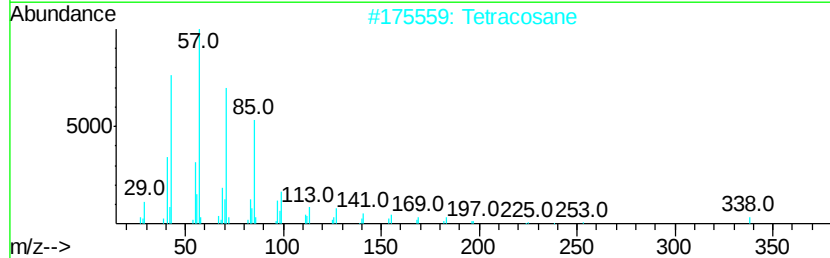
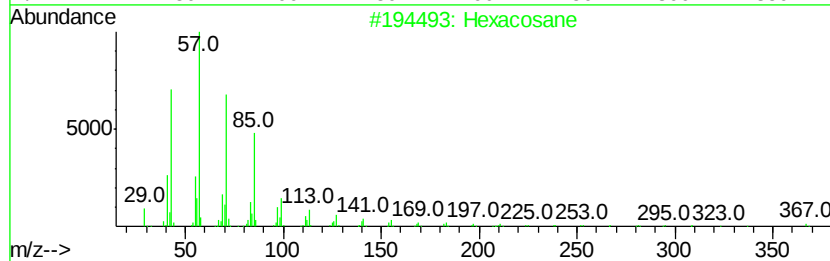
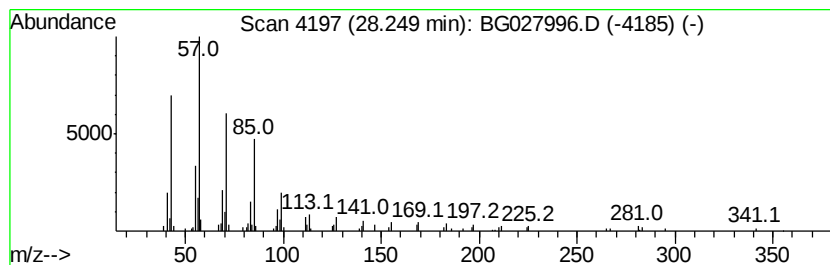
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.25	3.51 ng/ul	250818	Perylene-d12	25.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	90
2			Tetracosane	338	C24H50	000646-31-1	90
3			Tetracosane	338	C24H50	000646-31-1	90
4			Heptacosane	380	C27H56	000593-49-7	87
5			Hentriacontane	437	C31H64	000630-04-6	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG072017\
Data File : BG027996.D
Acq On : 20 Jul 2017 13:25
Operator : SJ/JU
Sample : I4209-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B13

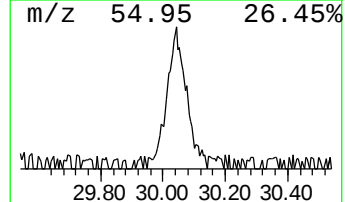
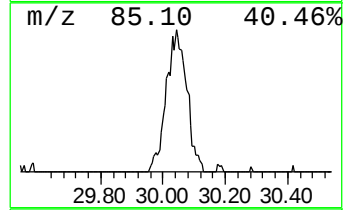
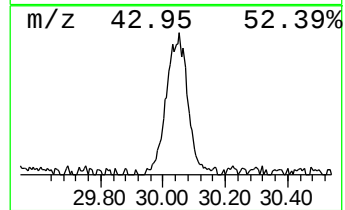
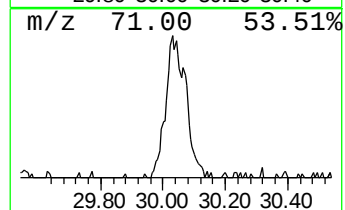
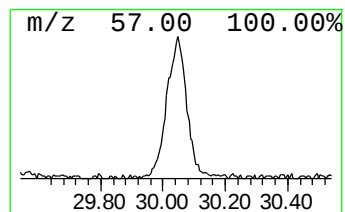
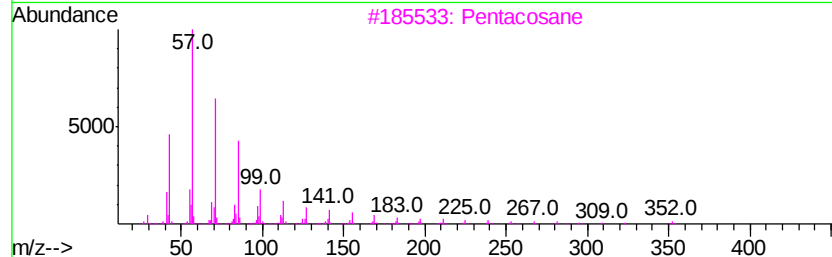
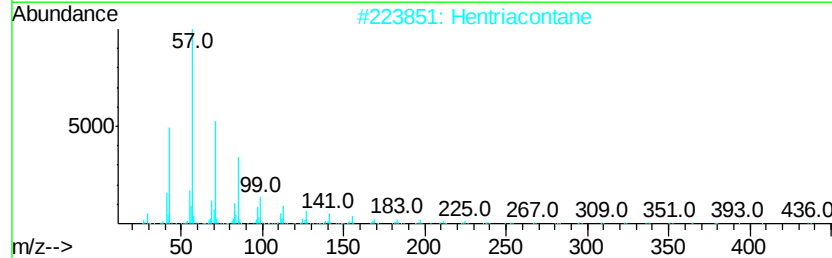
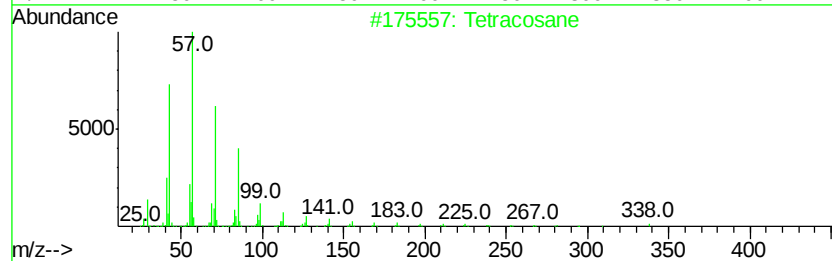
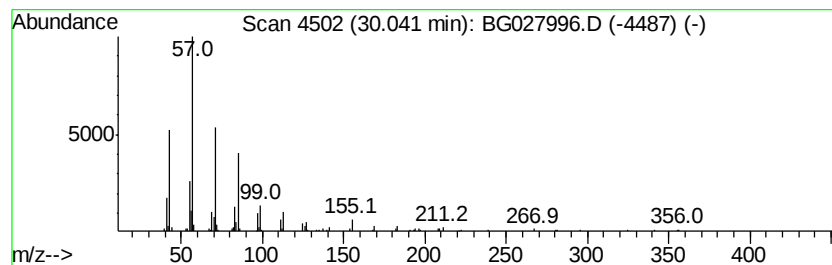
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.04	3.01 ng/ul	215031	Perylene-d12	25.57

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosane	338	C24H50	000646-31-1	87
2		Hentriacontane	437	C31H64	000630-04-6	87
3		Pentacosane	352	C25H52	000629-99-2	87
4		Heptadecane	240	C17H36	000629-78-7	87
5		Eicosane	282	C20H42	000112-95-8	86



Data Path : Z:\HPCHEM1\BNA G\DATA\BG072017\
Data File : BG027996.D
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Operator : SJ/JU
Sample : I4209-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

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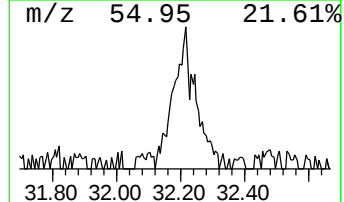
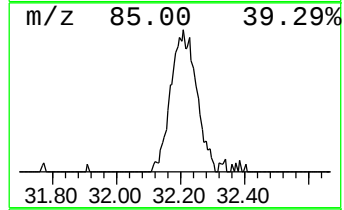
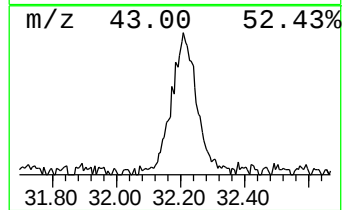
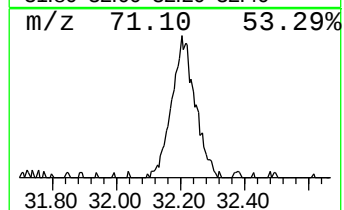
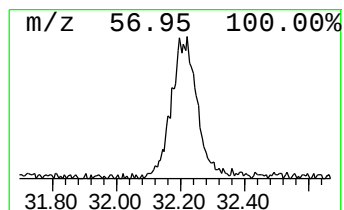
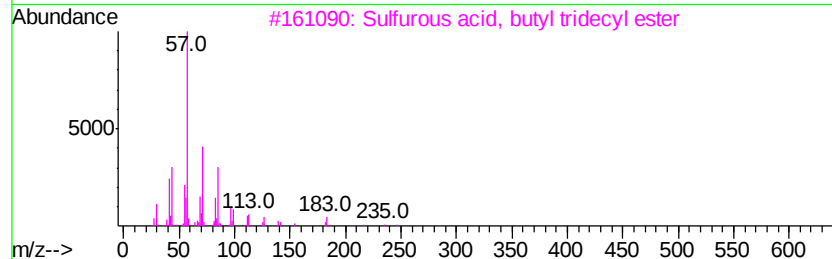
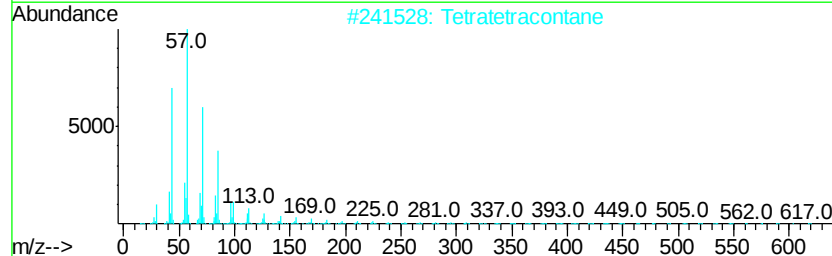
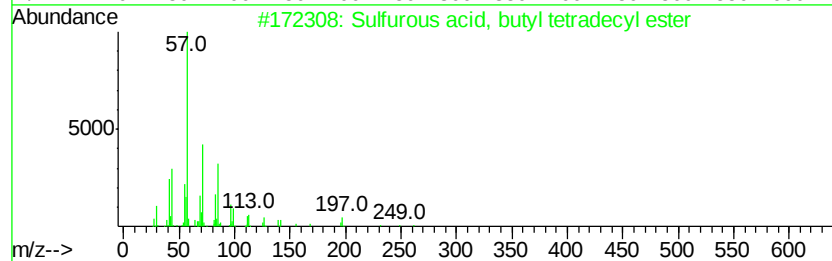
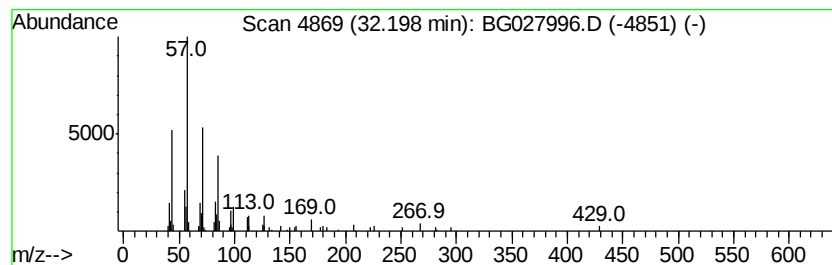
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Sulfurous acid, butyl tetra... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.20	3.09 ng/ul	220862	Perylene-d12	25.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	86
2		Tetratetracontane	619	C44H90	007098-22-8	83
3		Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	80
4		Heptacosane	380	C27H56	000593-49-7	80
5		Heptadecane	240	C17H36	000629-78-7	74



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072017\
Data File : BG027996.D
Acq On : 20 Jul 2017 13:25
Operator : SJ/JU
Sample : I4209-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B13

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
(DEL) Alkane: Str...	21.49	2.6	ng/ul	172748	5	22.06	1307670	20.0
(DEL) Alkane: Str...	24.81	2.3	ng/ul	162609	6	25.57	1427900	20.0
(DEL) Alkane: Str...	26.77	3.2	ng/ul	227709	6	25.57	1427900	20.0
(DEL) Alkane: Str...	28.25	3.5	ng/ul	250818	6	25.57	1427900	20.0
(DEL) Alkane: Str...	30.04	3.0	ng/ul	215031	6	25.57	1427900	20.0
Sulfurous acid, b...	32.20	3.1	ng/ul	220862	6	25.57	1427900	20.0