

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071917\
 Data File : BG027979.D
 Acq On : 20 Jul 2017 2:12
 Operator : SJ/JU
 Sample : I4213-15
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B39

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	3.862	40	46	52	rVB3	10462	15737	0.70%	0.079%
2	4.902	217	223	231	rVB2	9095	13393	0.60%	0.067%
3	5.489	319	323	330	rVB3	2408	5014	0.22%	0.025%
4	6.453	482	487	493	rVB3	1360	3411	0.15%	0.017%
5	6.582	506	509	518	rVB4	2334	4137	0.18%	0.021%
6	7.510	660	667	679	rBV	199218	377318	16.86%	1.882%
7	7.687	688	697	709	rVB	154563	263478	11.77%	1.314%
8	7.904	725	734	746	rBV	207219	375573	16.78%	1.874%
9	8.133	765	773	781	rBV4	1618	4146	0.19%	0.021%
10	8.368	805	813	823	rVB	176633	313551	14.01%	1.564%
11	9.056	922	930	946	rBV	250830	462635	20.67%	2.308%
12	9.537	1002	1012	1022	rBV	210919	372644	16.65%	1.859%
13	10.260	1124	1135	1147	rBV	177867	333473	14.90%	1.664%
14	10.801	1218	1227	1246	rBV	258349	504904	22.56%	2.519%
15	11.188	1285	1293	1306	rBV	236494	445056	19.89%	2.220%
16	11.318	1306	1315	1328	rBV	230809	461320	20.61%	2.301%
17	12.751	1555	1559	1566	rBV4	3739	7279	0.33%	0.036%
18	13.327	1652	1657	1664	rVB3	4029	5942	0.27%	0.030%
19	13.574	1685	1699	1703	rBV2	5792	10586	0.47%	0.053%
20	13.633	1703	1709	1717	rVB3	2201	4148	0.19%	0.021%
21	13.850	1736	1746	1749	rVB3	2126	3811	0.17%	0.019%
22	14.367	1824	1834	1838	rBV	585876	901198	40.27%	4.496%
23	14.408	1838	1841	1849	rVB	98507	136978	6.12%	0.683%
24	14.673	1878	1886	1897	rBV	610863	980529	43.81%	4.891%
25	14.978	1927	1938	1946	rBV2	393503	677362	30.26%	3.379%
26	15.154	1960	1968	1999	rBV	129761	331295	14.80%	1.653%
27	15.372	2001	2005	2008	rVB6	2874	4121	0.18%	0.021%
28	15.765	2061	2072	2078	rBV4	10090	21628	0.97%	0.108%
29	15.965	2096	2106	2116	rBV	872716	1379419	61.63%	6.881%
30	16.071	2116	2124	2137	rVV	236459	367063	16.40%	1.831%
31	16.200	2140	2146	2154	rVB2	9271	16169	0.72%	0.081%
32	16.635	2215	2220	2227	rBV3	4464	8145	0.36%	0.041%
33	16.835	2248	2254	2259	rVB4	3287	6116	0.27%	0.031%
34	17.428	2351	2355	2362	rBV3	5005	8000	0.36%	0.040%

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35	17.593	2380	2383	2391	rVB4	2531	4072	0.18%	0.020%
36	17.722	2395	2405	2414	rBV2	625368	967379	43.22%	4.826%
37	17.822	2414	2422	2431	rVV	1097707	1670442	74.64%	8.333%
38	17.892	2431	2434	2439	rVB5	5056	8186	0.37%	0.041%
39	17.981	2445	2449	2452	rVB3	2239	4038	0.18%	0.020%
40	18.174	2477	2482	2488	rVB4	4801	6948	0.31%	0.035%
41	18.345	2509	2511	2517	rBV5	3016	5154	0.23%	0.026%
42	18.574	2543	2550	2557	rBV6	28747	55133	2.46%	0.275%
43	18.650	2561	2563	2573	rVB3	6328	8313	0.37%	0.041%
44	19.073	2627	2635	2637	rBV6	1626	3542	0.16%	0.018%
45	19.161	2645	2650	2654	rBV5	2560	3432	0.15%	0.017%
46	19.726	2741	2746	2760	rVB3	14484	28048	1.25%	0.140%
47	19.831	2760	2764	2774	rBV9	9449	22851	1.02%	0.114%
48	19.902	2774	2776	2782	rVB7	2986	4670	0.21%	0.023%
49	19.984	2782	2790	2796	rBV	14605	26681	1.19%	0.133%
50	20.096	2798	2809	2817	rBV2	1473493	2192925	97.98%	10.939%
51	20.295	2840	2843	2848	rBV7	3809	6593	0.29%	0.033%
52	20.342	2848	2851	2857	rVB8	4560	7666	0.34%	0.038%
53	20.577	2888	2891	2895	rVB5	3885	4178	0.19%	0.021%
54	20.630	2895	2900	2903	rBV7	2591	4711	0.21%	0.024%
55	20.666	2903	2906	2913	rVB6	3771	7708	0.34%	0.038%
56	20.848	2933	2937	2943	rBV9	3275	5973	0.27%	0.030%
57	20.906	2944	2947	2952	rVV5	2462	4365	0.20%	0.022%
58	21.018	2964	2966	2971	rVB5	6731	7918	0.35%	0.039%
59	21.089	2974	2978	2982	rBV6	6042	9738	0.44%	0.049%
60	21.224	2997	3001	3002	rBV3	2726	3467	0.15%	0.017%
61	21.429	3022	3036	3039	rBV10	11640	32408	1.45%	0.162%
62	21.488	3039	3046	3061	rVB9	19143	83974	3.75%	0.419%
63	21.623	3065	3069	3073	rBV5	5378	7317	0.33%	0.037%
64	21.888	3113	3114	3123	rVB8	4806	9036	0.40%	0.045%
65	21.946	3123	3124	3130	rBV5	2941	5285	0.24%	0.026%
66	21.999	3130	3133	3135	rBV4	3617	3673	0.16%	0.018%
67	22.058	3135	3143	3154	rVV	702884	1289386	57.61%	6.432%
68	22.211	3161	3169	3174	rVB6	7684	14840	0.66%	0.074%
69	22.687	3246	3250	3253	rBV6	2491	3593	0.16%	0.018%
70	22.869	3272	3281	3287	rBV9	10798	23495	1.05%	0.117%
71	23.110	3321	3322	3327	rBV3	3563	4169	0.19%	0.021%

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72	23.621	3403	3409	3417	rVB5	22236	47673	2.13%	0.238%
73	23.721	3423	3426	3429	rVB4	2758	4163	0.19%	0.021%
74	23.838	3439	3446	3449	rBV8	4587	9848	0.44%	0.049%
75	24.044	3477	3481	3483	rBV4	3259	3395	0.15%	0.017%
76	24.338	3527	3531	3537	rBV8	5050	10454	0.47%	0.052%
77	24.502	3551	3559	3569	rVB4	34430	81139	3.63%	0.405%
78	24.655	3584	3585	3589	rVB4	4222	3866	0.17%	0.019%
79	24.796	3592	3609	3613	rBV4	15262	59636	2.66%	0.297%
80	24.990	3641	3642	3648	rVB6	3914	6548	0.29%	0.033%
81	25.049	3648	3652	3656	rBV7	4539	7480	0.33%	0.037%
82	25.119	3662	3664	3670	rBV5	3084	5396	0.24%	0.027%
83	25.337	3684	3701	3723	rVB2	690740	2238123	100.00%	11.165%
84	25.577	3723	3742	3756	rBV2	384738	1384579	61.86%	6.907%
85	26.641	3918	3923	3925	rBV6	2554	3983	0.18%	0.020%
86	26.770	3933	3945	3960	rVB5	52134	180427	8.06%	0.900%
87	27.099	3998	4001	4004	rBV4	4460	6451	0.29%	0.032%
88	27.875	4131	4133	4137	rVB4	3995	3666	0.16%	0.018%
89	27.963	4145	4148	4151	rBV4	4613	4508	0.20%	0.022%
90	28.251	4183	4197	4215	rVV4	54092	214406	9.58%	1.070%
91	28.427	4222	4227	4229	rBV4	3803	4112	0.18%	0.021%
92	28.503	4235	4240	4242	rVB5	2515	3688	0.16%	0.018%
93	28.727	4268	4278	4279	rBV8	5171	11055	0.49%	0.055%
94	29.021	4325	4328	4331	rVB4	3368	3450	0.15%	0.017%
95	30.055	4488	4504	4519	rVB4	39222	177632	7.94%	0.886%
96	30.284	4539	4543	4546	rBV5	2334	3821	0.17%	0.019%
97	30.924	4651	4652	4658	rVV5	2068	3614	0.16%	0.018%
98	31.294	4712	4715	4718	rBV5	2793	4722	0.21%	0.024%
99	31.847	4808	4809	4816	rVB5	3002	3713	0.17%	0.019%
100	32.211	4857	4871	4894	rVV6	32822	177971	7.95%	0.888%

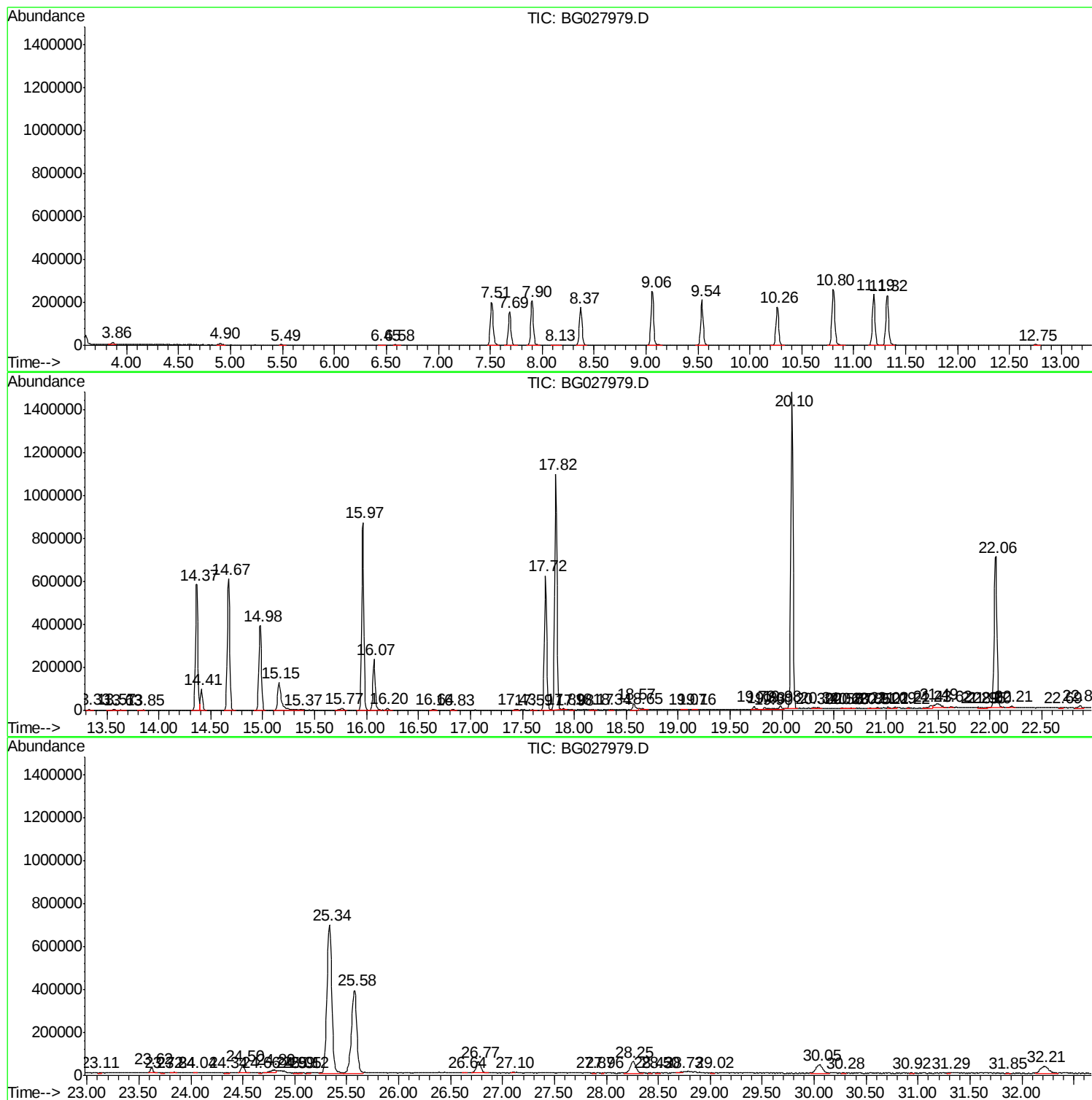
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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



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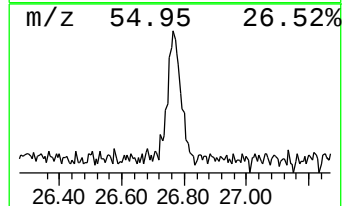
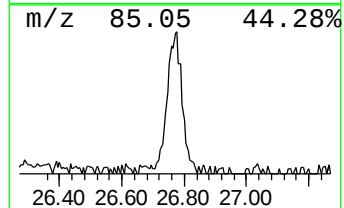
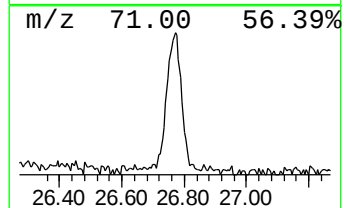
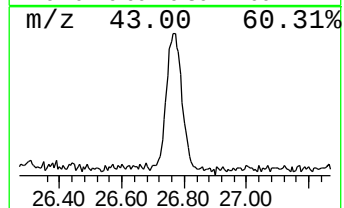
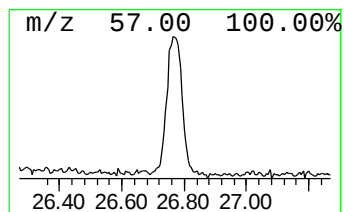
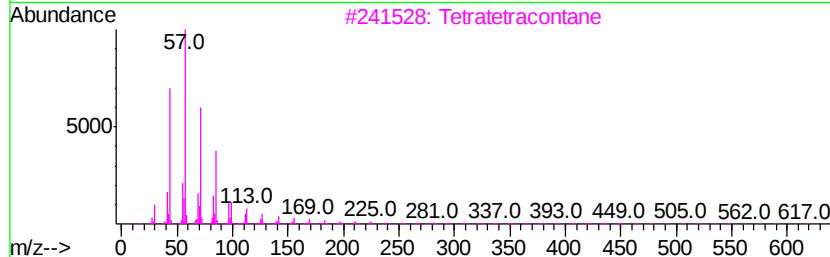
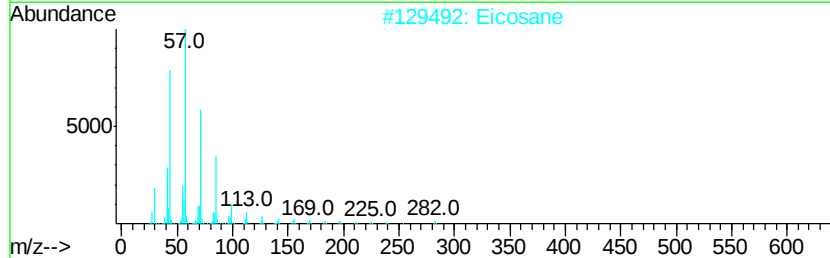
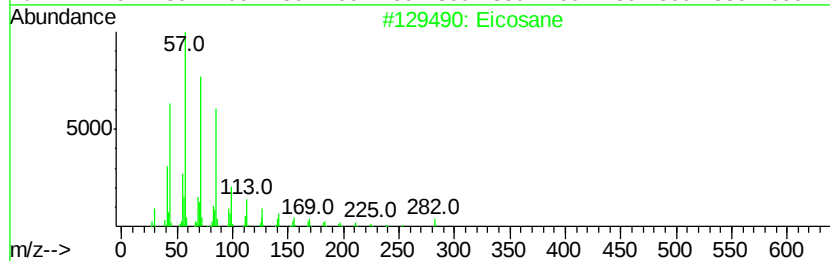
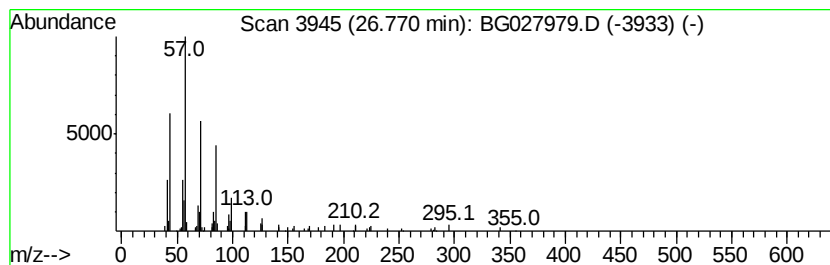
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.77	2.61 ng/ul	180427	Perylene-d12	25.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	95
2			Eicosane	282	C20H42	000112-95-8	91
3			Tetratetracontane	619	C44H90	007098-22-8	87
4			Sulfurous acid, butyl octadecyl ...	390	C22H46O3S	1000309-18-5	86
5			Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	86



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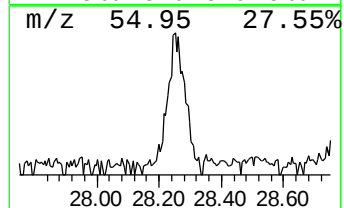
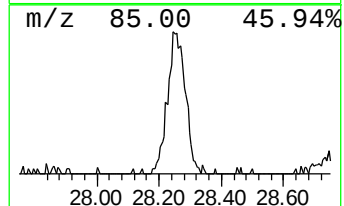
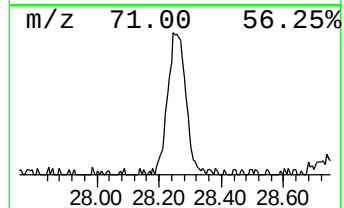
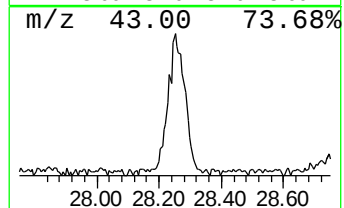
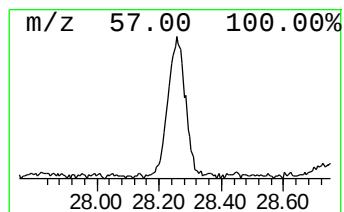
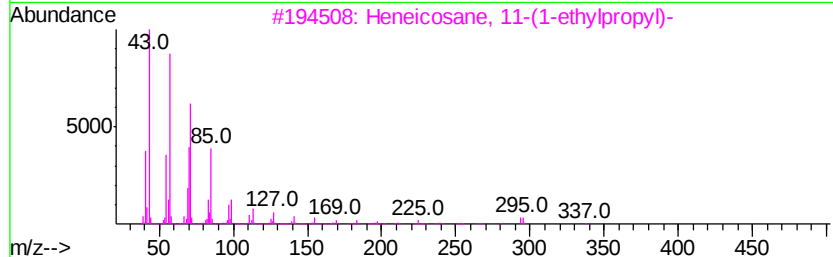
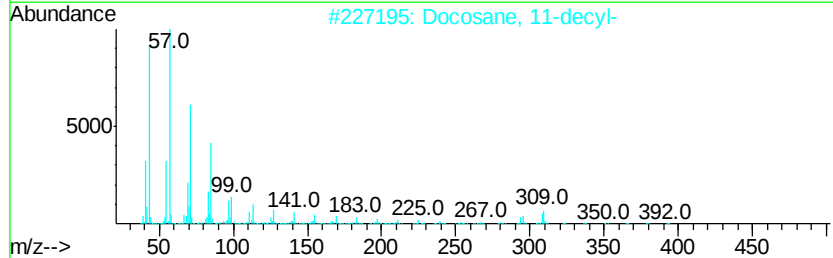
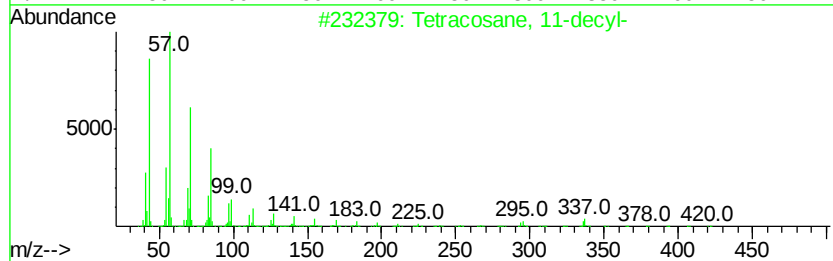
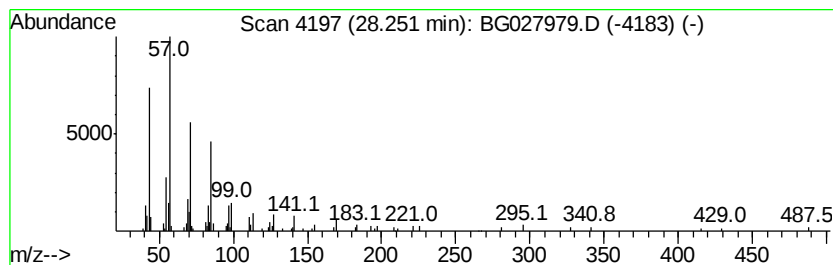
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.25	3.10 ng/ul	214406	Perylene-d12	25.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
2		Docosane, 11-decyl-	451	C32H66	055401-55-3	91
3		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
4		Tetratetracontane	619	C44H90	007098-22-8	90
5		Docosane, 11-butyl-	366	C26H54	013475-76-8	90



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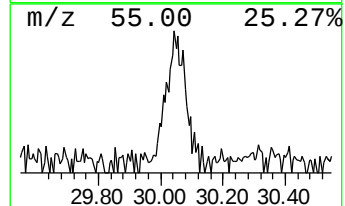
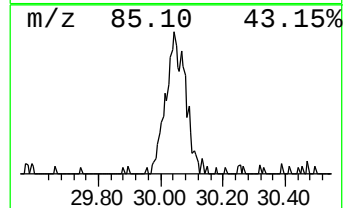
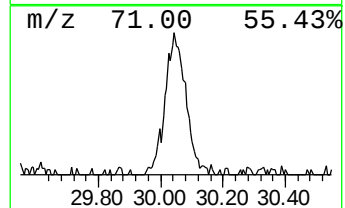
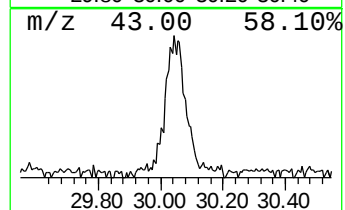
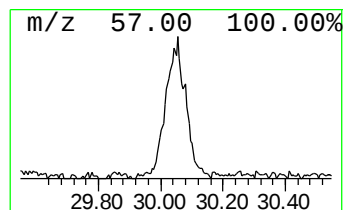
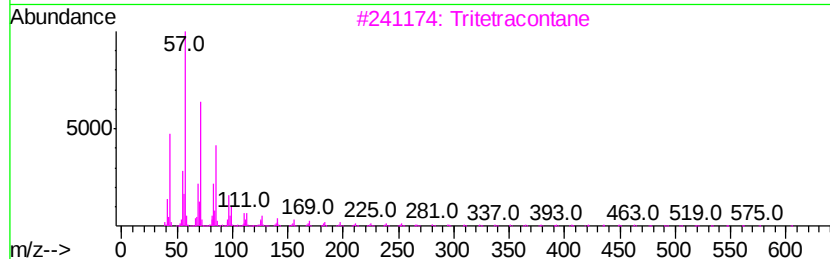
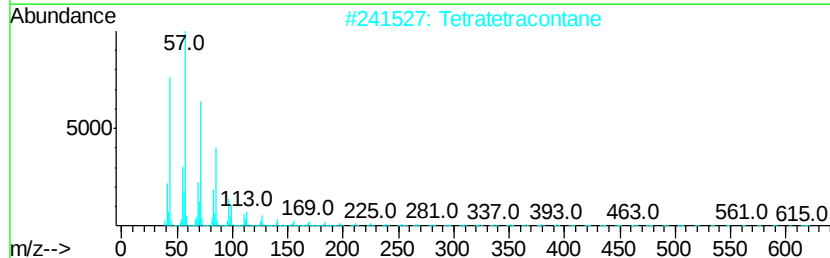
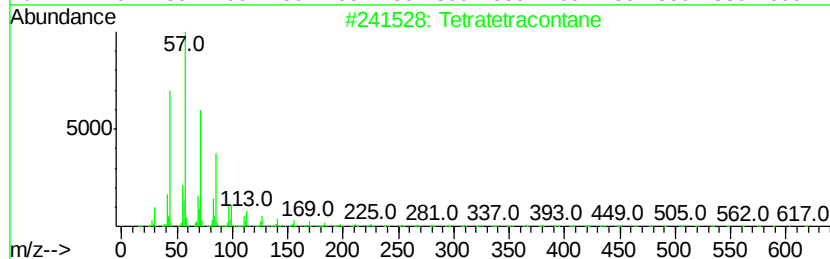
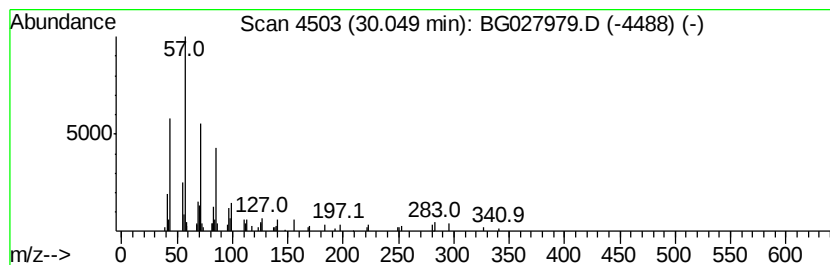
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.05	2.57 ng/ul	177632	Perylene-d12	25.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	83
2		Tetratetracontane	619	C44H90	007098-22-8	83
3		Tritetracontane	605	C43H88	007098-21-7	80
4		Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	80
5		Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	72



Data Path : Z:\HPCHEM1\BNA G\DATA\BG071917\
Data File : BG027979.D
Acq On : 20 Jul 2017 2:12
Operator : SJ/JU
Sample : I4213-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B39

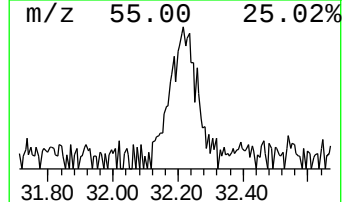
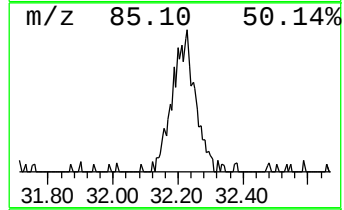
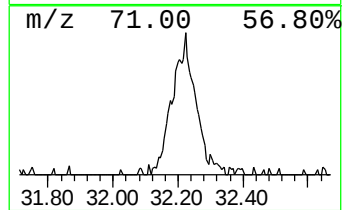
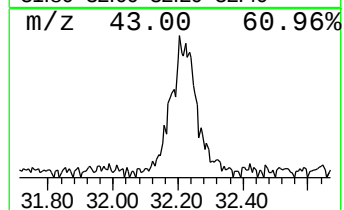
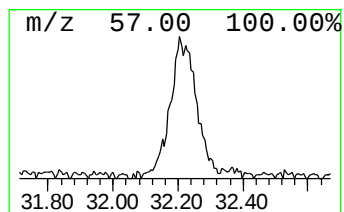
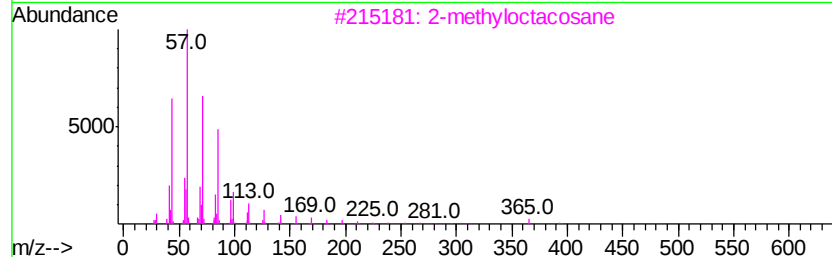
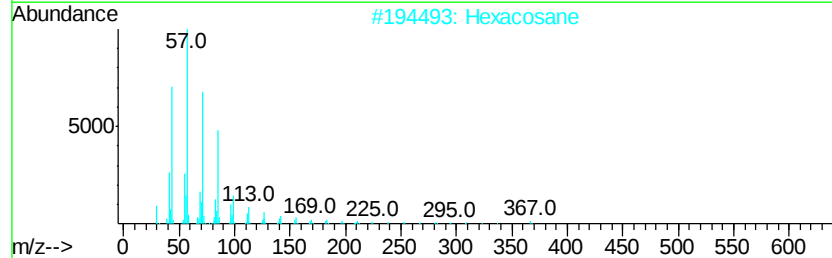
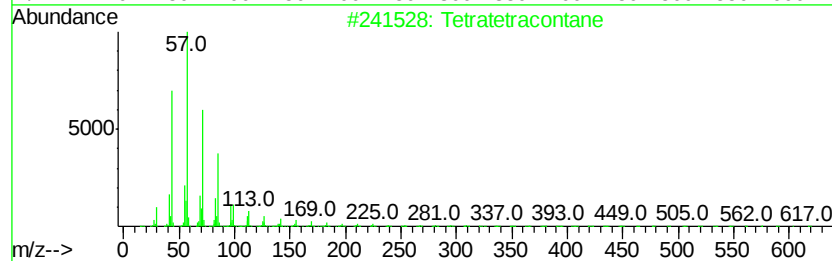
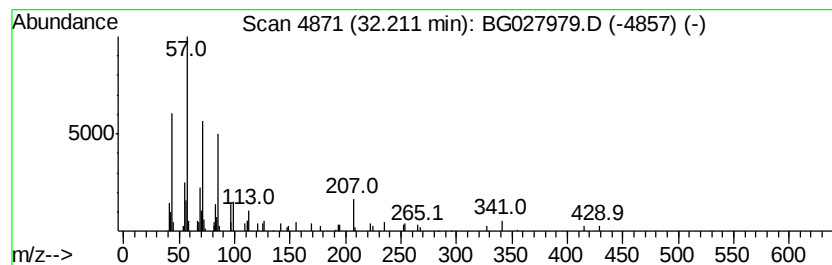
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.21	2.57 ng/ul	177971	Perylene-d12	25.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	58
2		Hexacosane	366	C26H54	000630-01-3	58
3		2-methyloctacosane	408	C29H60	1000376-72-8	58
4		Eicosane	282	C20H42	000112-95-8	58
5		Heneicosane	296	C21H44	000629-94-7	58



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071917\
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Sample : I4213-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B39

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

					--Internal Standard--			
TIC Top Hit name					#	RT	Resp	Conc
(DEL)	Alkane: Str...	26.77	2.6 ng/ul	180427	6	25.57	1384580	20.0
(DEL)	Alkane: Str...	28.25	3.1 ng/ul	214406	6	25.57	1384580	20.0
(DEL)	Alkane: Str...	30.05	2.6 ng/ul	177632	6	25.57	1384580	20.0
(DEL)	Alkane: Str...	32.21	2.6 ng/ul	177971	6	25.57	1384580	20.0