

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082217\
 Data File : BG028416.D
 Acq On : 22 Aug 2017 13:17
 Operator : SJ/JU
 Sample : I4713-13
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E7GC3

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-BG080217.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	3.823	36	40	46	rVB5	6647	10082	0.57%	0.059%
2	4.093	81	86	93	rBV3	6457	12528	0.71%	0.074%
3	4.469	145	150	151	rBV3	2148	2980	0.17%	0.018%
4	4.546	161	163	172	rVB5	2297	5773	0.33%	0.034%
5	4.792	201	205	209	rVV3	2014	3504	0.20%	0.021%
6	5.621	344	346	354	rVB2	1932	3756	0.21%	0.022%
7	6.496	489	495	499	rVB2	1847	4521	0.26%	0.027%
8	7.372	639	644	650	rBV3	1580	4209	0.24%	0.025%
9	7.495	652	665	680	rBV	130687	258748	14.63%	1.520%
10	7.654	685	692	706	rBV	91965	161734	9.15%	0.950%
11	7.877	723	730	739	rBV	120710	215068	12.16%	1.263%
12	8.036	756	757	764	rVB3	1828	2994	0.17%	0.018%
13	8.341	802	809	822	rVB	134371	242187	13.70%	1.423%
14	8.858	894	897	899	rBV	2136	3052	0.17%	0.018%
15	9.034	920	927	941	rBV	176759	333393	18.85%	1.958%
16	9.510	1000	1008	1018	rBV	140867	271835	15.37%	1.597%
17	9.604	1019	1024	1030	rVB6	2621	7099	0.40%	0.042%
18	10.233	1123	1131	1140	rBV	131280	247543	14.00%	1.454%
19	10.779	1215	1224	1237	rVB	188439	379015	21.44%	2.226%
20	11.079	1268	1275	1280	rBV2	2239	5187	0.29%	0.030%
21	11.161	1280	1289	1300	rVB	209842	394718	22.32%	2.319%
22	11.291	1302	1311	1324	rBV	194003	382024	21.61%	2.244%
23	12.360	1488	1493	1498	rVB2	1680	3211	0.18%	0.019%
24	12.724	1550	1555	1559	rBV3	3303	5367	0.30%	0.032%
25	12.930	1584	1590	1594	rBV3	1846	4088	0.23%	0.024%
26	13.218	1635	1639	1642	rBV	2141	3832	0.22%	0.023%
27	13.306	1649	1654	1657	rBV4	3123	5969	0.34%	0.035%
28	13.547	1687	1695	1700	rBV2	4798	8233	0.47%	0.048%
29	13.823	1738	1742	1744	rBV2	2384	2990	0.17%	0.018%
30	13.917	1754	1758	1763	rVB3	2366	3859	0.22%	0.023%
31	13.976	1763	1768	1770	rBV2	2518	3039	0.17%	0.018%
32	14.340	1820	1830	1834	rBV	613273	891885	50.44%	5.239%
33	14.387	1834	1838	1846	rVB	167630	246221	13.92%	1.446%
34	14.645	1875	1882	1894	rBV	563347	897112	50.74%	5.270%

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35	14.798	1903	1908	1913	rVB5	3102	6599	0.37%	0.039%
36	14.951	1924	1934	1946	rVB2	383615	629539	35.60%	3.698%
37	15.151	1959	1968	1982	rBV	180880	389533	22.03%	2.288%
38	15.327	1992	1998	2007	rBV9	10439	24061	1.36%	0.141%
39	15.421	2012	2014	2020	rVB6	2747	3081	0.17%	0.018%
40	15.709	2058	2063	2065	rBV4	5296	6024	0.34%	0.035%
41	15.744	2066	2069	2076	rVB3	10098	15090	0.85%	0.089%
42	15.938	2095	2102	2113	rVB	812325	1290851	73.00%	7.582%
43	16.056	2115	2122	2131	rBV	299894	460906	26.07%	2.707%
44	16.138	2132	2136	2138	rVV4	5868	8560	0.48%	0.050%
45	16.173	2138	2142	2150	rVB6	8948	18274	1.03%	0.107%
46	16.249	2150	2155	2161	rVB6	3476	6100	0.34%	0.036%
47	16.302	2161	2164	2169	rBV2	3376	4837	0.27%	0.028%
48	16.414	2179	2183	2187	rBV4	1847	3942	0.22%	0.023%
49	16.614	2212	2217	2226	rBV2	17522	30446	1.72%	0.179%
50	16.719	2233	2235	2241	rVB6	1927	2970	0.17%	0.017%
51	16.802	2246	2249	2256	rVB4	4189	5686	0.32%	0.033%
52	16.884	2260	2263	2268	rVB4	2234	3142	0.18%	0.018%
53	16.954	2271	2275	2276	rBV3	3074	3641	0.21%	0.021%
54	17.013	2283	2285	2288	rBV3	2657	3403	0.19%	0.020%
55	17.072	2292	2295	2298	rVB3	3969	4612	0.26%	0.027%
56	17.119	2298	2303	2311	rVV5	3608	7520	0.43%	0.044%
57	17.184	2311	2314	2319	rVB4	2652	3891	0.22%	0.023%
58	17.407	2346	2352	2357	rBV3	13390	17792	1.01%	0.105%
59	17.466	2357	2362	2364	rVV4	4473	7421	0.42%	0.044%
60	17.489	2364	2366	2372	rVB5	4602	6429	0.36%	0.038%
61	17.601	2382	2385	2389	rBV3	3105	3979	0.23%	0.023%
62	17.701	2391	2402	2411	rBV	534847	832301	47.07%	4.889%
63	17.801	2411	2419	2429	rVV	1019113	1550041	87.66%	9.105%
64	17.877	2429	2432	2437	rVB6	5882	8645	0.49%	0.051%
65	17.953	2441	2445	2447	rVB3	3319	4237	0.24%	0.025%
66	18.006	2451	2454	2459	rVB2	2554	3473	0.20%	0.020%
67	18.059	2459	2463	2465	rBV5	3254	3453	0.20%	0.020%
68	18.141	2474	2477	2482	rVB4	7560	9741	0.55%	0.057%
69	18.218	2488	2490	2495	rBV3	2876	3302	0.19%	0.019%
70	18.276	2496	2500	2501	rVB3	3555	2953	0.17%	0.017%
71	18.323	2506	2508	2513	rBB3	2697	3379	0.19%	0.020%

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72	18.429	2523	2526	2529	rBV3	2103	3368	0.19%	0.020%
73	18.547	2538	2546	2556	rBV3	37654	79710	4.51%	0.468%
74	18.829	2591	2594	2597	rBV4	5192	8171	0.46%	0.048%
75	18.864	2599	2600	2605	rVB5	5917	6755	0.38%	0.040%
76	18.923	2605	2610	2612	rBV5	3792	5964	0.34%	0.035%
77	18.952	2612	2615	2618	rVB4	3170	4837	0.27%	0.028%
78	19.064	2632	2634	2639	rBV5	4287	5858	0.33%	0.034%
79	19.428	2695	2696	2699	rBV3	3617	3533	0.20%	0.021%
80	19.510	2708	2710	2715	rBV5	2746	4808	0.27%	0.028%
81	19.704	2739	2743	2748	rBV	12035	19525	1.10%	0.115%
82	19.804	2757	2760	2771	rBV7	21226	42885	2.43%	0.252%
83	19.963	2780	2787	2795	rVB4	10424	24540	1.39%	0.144%
84	20.074	2799	2806	2816	rBV	1233675	1768205	100.00%	10.386%
85	20.339	2848	2851	2855	rVV6	5895	7503	0.42%	0.044%
86	20.380	2855	2858	2862	rVB5	9766	11106	0.63%	0.065%
87	20.468	2872	2873	2876	rBV3	5119	5581	0.32%	0.033%
88	20.527	2882	2883	2889	rBV5	5083	9050	0.51%	0.053%
89	21.367	3023	3026	3028	rVB4	14246	13280	0.75%	0.078%
90	21.402	3029	3032	3038	rVB6	20661	29237	1.65%	0.172%
91	22.025	3131	3138	3148	rBV	506651	941348	53.24%	5.529%
92	22.830	3272	3275	3284	rVB	11871	24351	1.38%	0.143%
93	23.570	3397	3401	3409	rVB7	23914	45772	2.59%	0.269%
94	24.440	3543	3549	3557	rVB5	33196	79532	4.50%	0.467%
95	25.292	3681	3694	3709	rVB2	579537	1747145	98.81%	10.263%
96	25.533	3717	3735	3747	rVB	292928	1029342	58.21%	6.046%
97	26.690	3925	3932	3943	rVB5	54182	158823	8.98%	0.933%
98	28.177	4173	4185	4196	rVB4	51467	192644	10.89%	1.132%
99	29.939	4474	4485	4497	rBV5	39097	165000	9.33%	0.969%
100	32.096	4840	4852	4868	rVB7	32848	168709	9.54%	0.991%

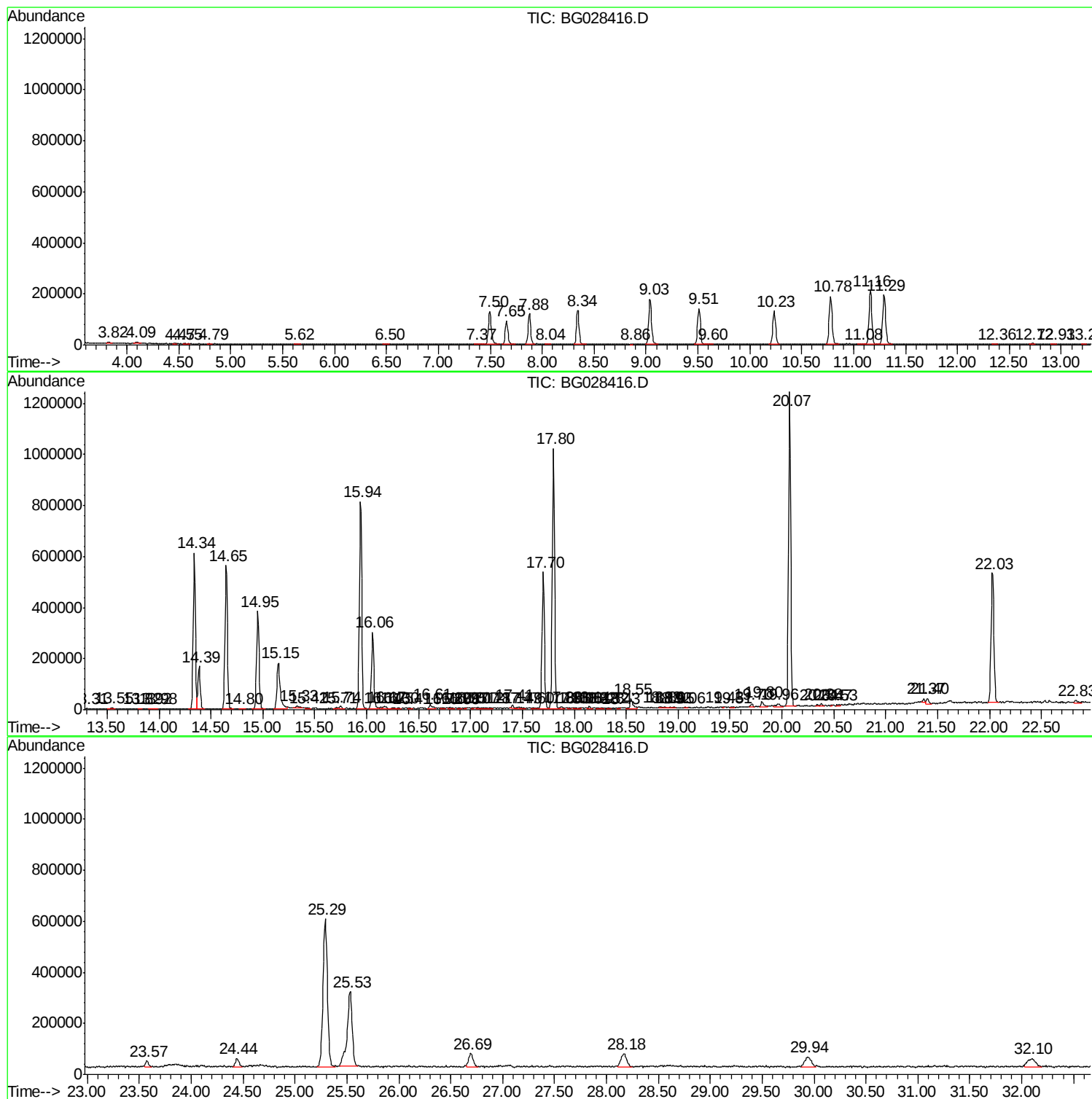
Sum of corrected areas: 17024192

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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



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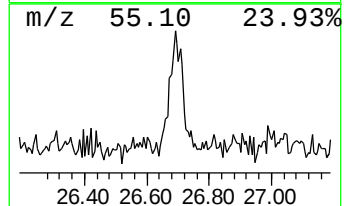
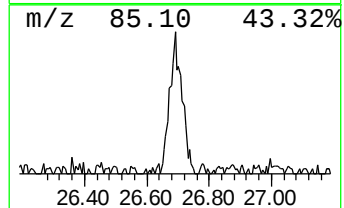
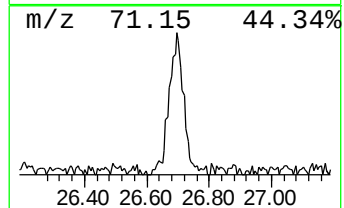
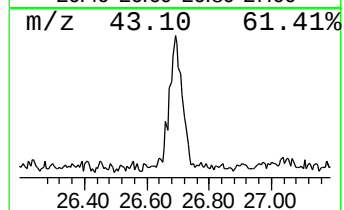
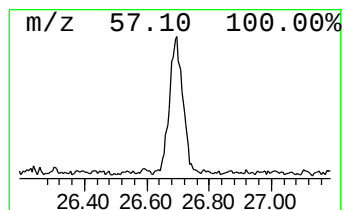
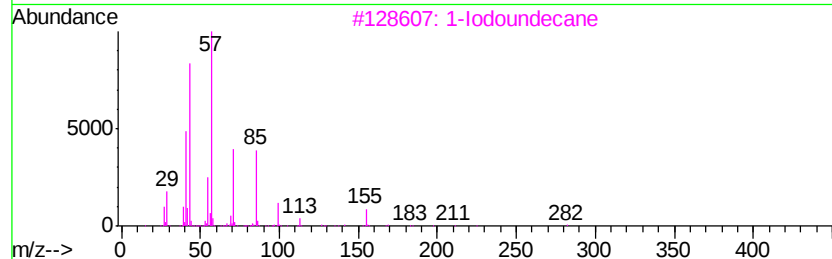
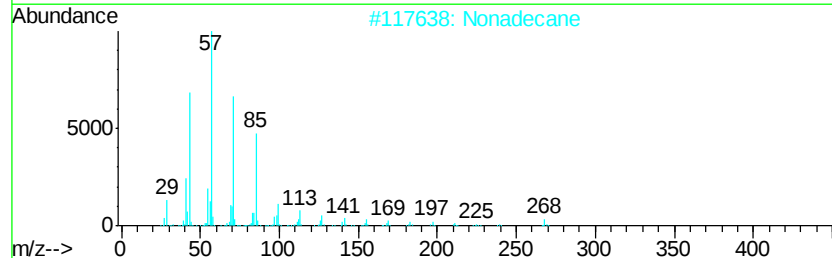
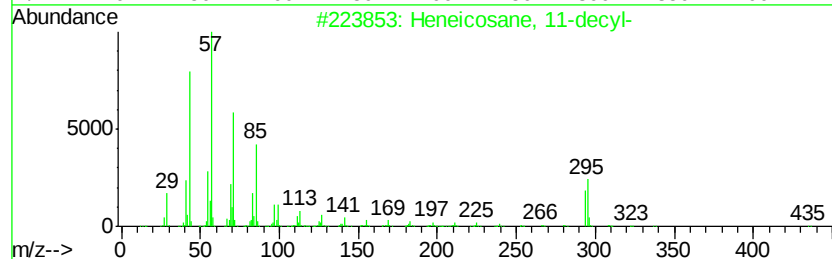
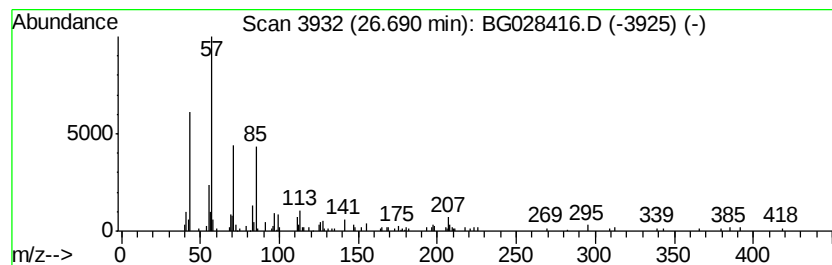
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.69	3.09 ng/ul	158823	Perylene-d12	25.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane, 11-decyl-	437	C31H64	055320-06-4	83
2			Nonadecane	268	C19H40	000629-92-5	72
3			1-Iodoundecane	282	C11H23I	004282-44-4	64
4			Methoxyacetic acid, 4-hexadecyl ...	314	C19H38O3	1000282-99-0	64
5			Hexadecane	226	C16H34	000544-76-3	64



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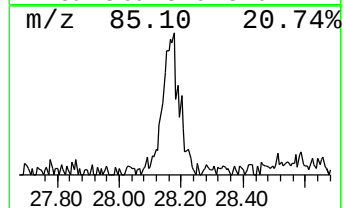
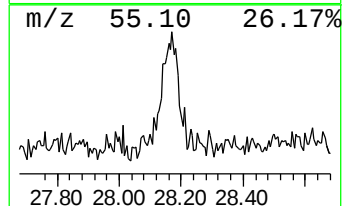
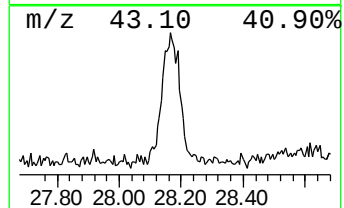
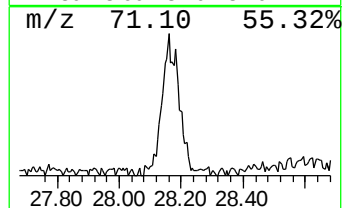
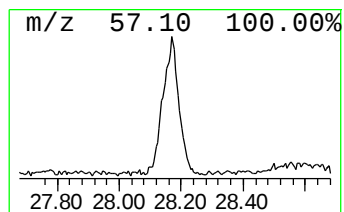
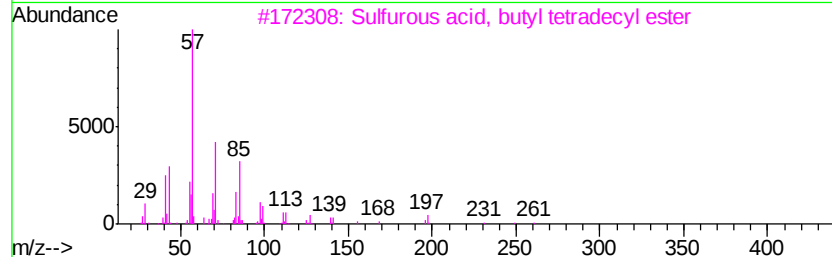
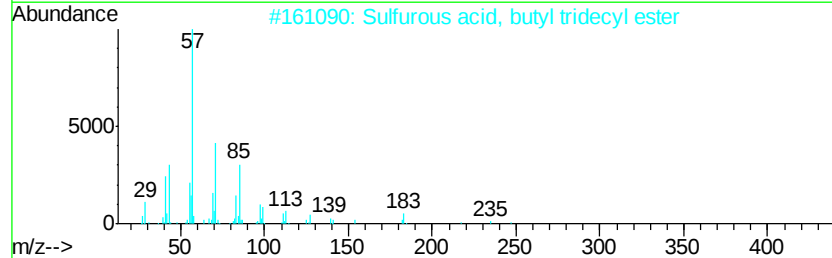
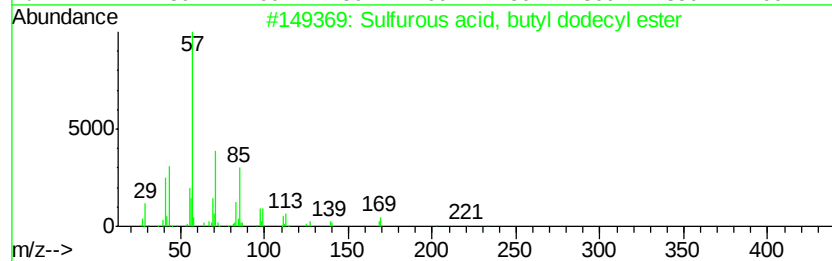
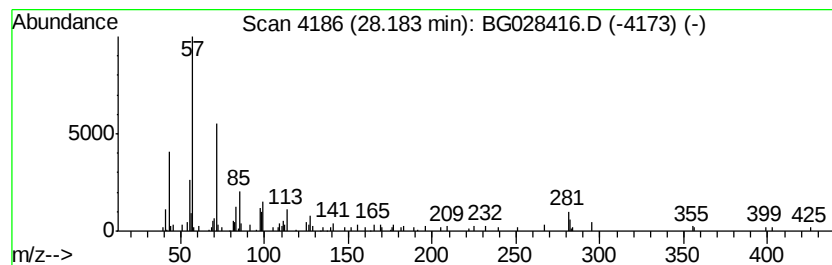
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Sulfurous acid, butyl dodec... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.18	3.74 ng/ul	192644	Perylene-d12	25.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	80
2		Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	80
3		Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	80
4		Sulfurous acid, butyl pentadecyl...	348	C19H40O3S	1000309-18-2	80
5		Hentriacontane	437	C31H64	000630-04-6	72



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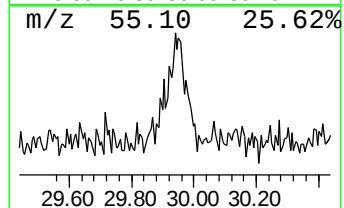
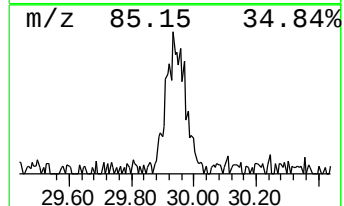
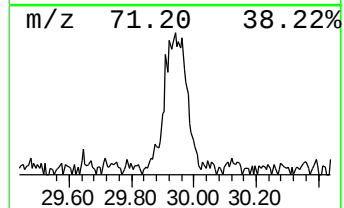
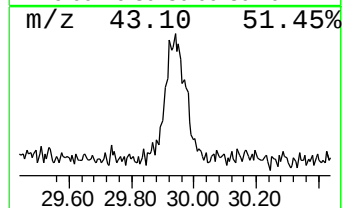
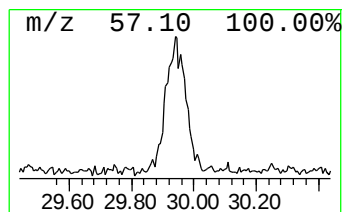
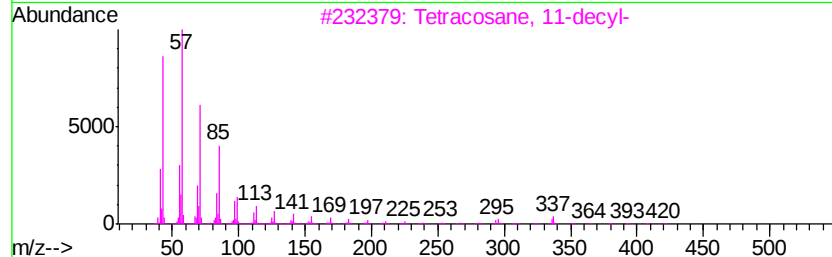
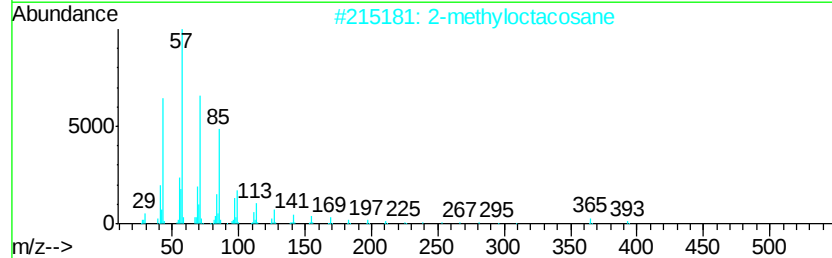
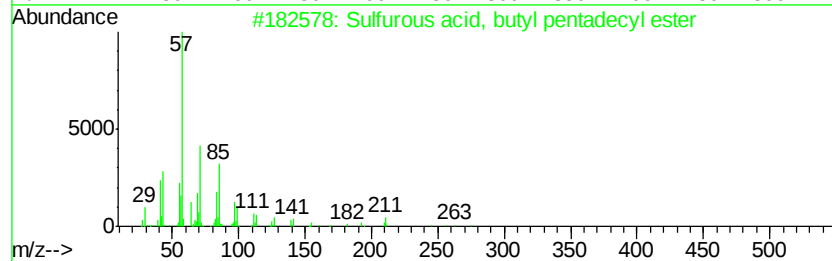
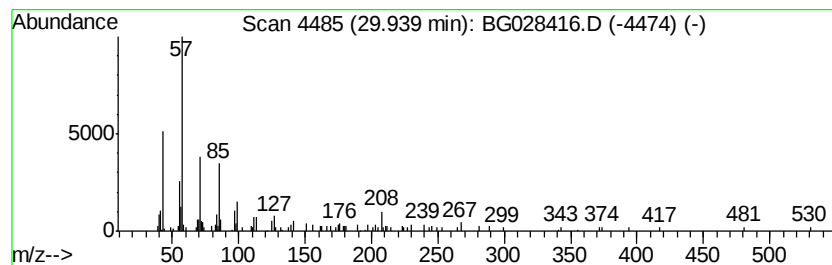
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Peak Number 3 Sulfurous acid, butyl penta... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.94	3.21 ng/ul	165000	Perylene-d12	25.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, butyl pentadecyl...	348	C19H40O3S	1000309-18-2	72
2		2-methyloctacosane	408	C29H60	1000376-72-8	64
3		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	64
4		Hentriacontane	437	C31H64	000630-04-6	64
5		Heptacosane	380	C27H56	000593-49-7	64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082217\
Data File : BG028416.D
Acq On : 22 Aug 2017 13:17
Operator : SJ/JU
Sample : I4713-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E7GC3

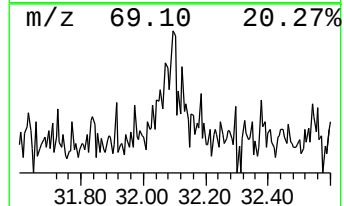
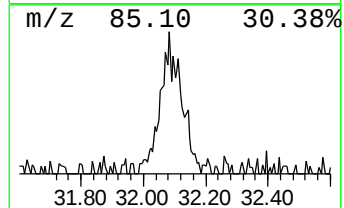
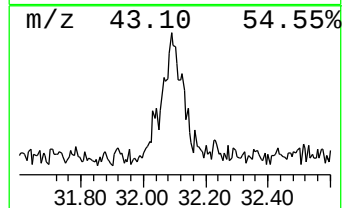
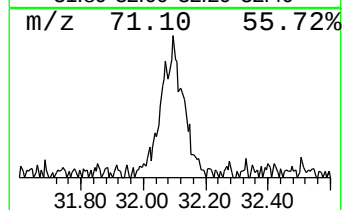
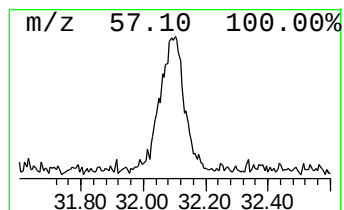
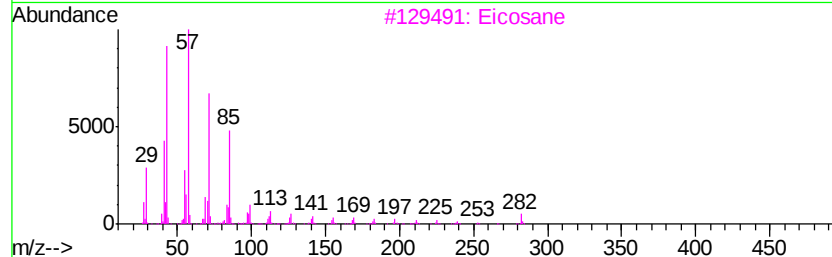
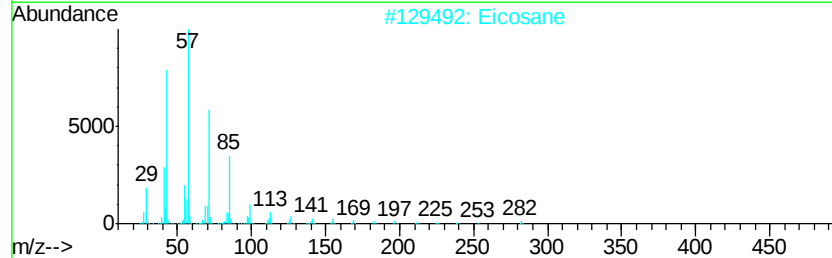
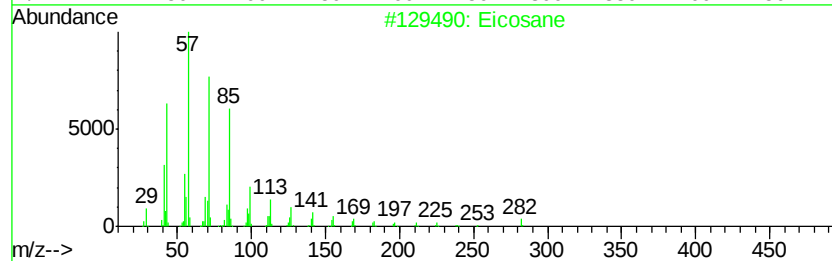
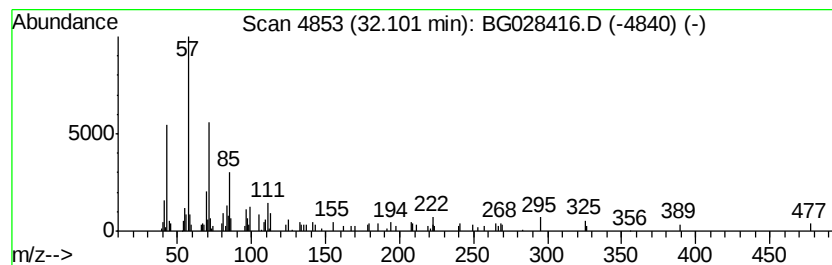
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.10	3.28 ng/ul	168709	Perylene-d12	25.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	86
2		Eicosane	282	C20H42	000112-95-8	62
3		Eicosane	282	C20H42	000112-95-8	62
4		Hentriacontane	437	C31H64	000630-04-6	58
5		Pentadecane	212	C15H32	000629-62-9	58



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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E7GC3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.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...	26.69	3.1	ng/ul	158823	6	25.53	1029340	20.0
Sulfurous acid, b...	28.18	3.7	ng/ul	192644	6	25.53	1029340	20.0
Sulfurous acid, b...	29.94	3.2	ng/ul	165000	6	25.53	1029340	20.0
(DEL) Alkane: Str...	32.10	3.3	ng/ul	168709	6	25.53	1029340	20.0