

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080817\
 Data File : BG028209.D
 Acq On : 9 Aug 2017 3:38
 Operator : SJ/JU
 Sample : I4603-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0387

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	3.841	39	43	47	rBV3	10714	13680	0.81%	0.101%
2	3.976	62	66	70	rBV3	1515	2983	0.18%	0.022%
3	4.035	71	76	79	rVV4	1829	2503	0.15%	0.018%
4	4.105	84	88	90	rBV2	1882	2364	0.14%	0.017%
5	4.528	158	160	164	rVB4	2414	2584	0.15%	0.019%
6	4.575	164	168	172	rBV3	2252	3614	0.21%	0.027%
7	5.468	317	320	326	rVB6	2163	3899	0.23%	0.029%
8	5.839	378	383	386	rVB3	1969	2662	0.16%	0.020%
9	6.497	489	495	498	rVB2	1257	2557	0.15%	0.019%
10	6.567	503	507	511	rVB4	1477	2481	0.15%	0.018%
11	6.802	544	547	551	rBV3	1553	2552	0.15%	0.019%
12	6.908	559	565	566	rBV2	1622	2563	0.15%	0.019%
13	7.501	660	666	678	rVB2	34958	67826	4.01%	0.500%
14	7.666	685	694	704	rBV	105072	189373	11.20%	1.396%
15	7.889	722	732	741	rBV	111578	212577	12.58%	1.567%
16	8.353	802	811	826	rBV	130032	236022	13.96%	1.740%
17	9.047	922	929	942	rBV3	91111	168915	9.99%	1.245%
18	9.522	1001	1010	1021	rBV	141661	275345	16.29%	2.030%
19	9.693	1034	1039	1041	rBV	2280	2707	0.16%	0.020%
20	9.857	1063	1067	1072	rVB2	1299	2545	0.15%	0.019%
21	10.245	1123	1133	1143	rBV2	116864	239917	14.19%	1.769%
22	10.351	1147	1151	1154	rVB	2309	2974	0.18%	0.022%
23	10.574	1186	1189	1197	rVB3	1513	3442	0.20%	0.025%
24	10.792	1217	1226	1239	rBV	155148	302868	17.92%	2.233%
25	11.173	1283	1291	1302	rVB	176595	338453	20.02%	2.495%
26	11.320	1307	1316	1325	rBV4	3510	10073	0.60%	0.074%
27	11.708	1379	1382	1388	rVB2	1409	2489	0.15%	0.018%
28	12.478	1509	1513	1517	rBV2	2082	2429	0.14%	0.018%
29	12.736	1554	1557	1560	rBV3	3307	3495	0.21%	0.026%
30	13.312	1651	1655	1660	rBV2	1880	2746	0.16%	0.020%
31	13.565	1690	1698	1703	rBV2	2258	4045	0.24%	0.030%
32	13.823	1738	1742	1749	rBV3	2951	5148	0.30%	0.038%
33	14.064	1779	1783	1789	rBV2	1789	2758	0.16%	0.020%
34	14.352	1825	1832	1849	rBV	412887	622227	36.81%	4.587%

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35	14.658	1877	1884	1893	rBV	383490	628570	37.18%	4.634%
36	14.963	1928	1936	1950	rVB2	296734	495994	29.34%	3.657%
37	15.157	1959	1969	1984	rBV4	25561	68792	4.07%	0.507%
38	15.727	2057	2066	2076	rBV3	2814	9031	0.53%	0.067%
39	15.950	2096	2104	2115	rBV	619577	927188	54.85%	6.835%
40	16.062	2115	2123	2137	rVV	273781	417542	24.70%	3.078%
41	16.191	2141	2145	2151	rBV5	6570	11860	0.70%	0.087%
42	16.420	2182	2184	2193	rVB3	1277	2557	0.15%	0.019%
43	17.137	2300	2306	2310	rVB3	2572	4473	0.26%	0.033%
44	17.713	2396	2404	2413	rBV2	452212	725225	42.90%	5.347%
45	17.807	2413	2420	2433	rVB	789534	1272489	75.28%	9.381%
46	17.971	2442	2448	2457	rVB4	3676	10406	0.62%	0.077%
47	18.042	2457	2460	2462	rBV2	1970	2372	0.14%	0.017%
48	18.253	2493	2496	2502	rBV3	1462	2538	0.15%	0.019%
49	18.571	2545	2550	2556	rBV4	5731	12993	0.77%	0.096%
50	18.647	2558	2563	2568	rVB3	4292	6358	0.38%	0.047%
51	19.088	2634	2638	2640	rBV3	2525	2940	0.17%	0.022%
52	19.217	2657	2660	2663	rBV4	1892	2426	0.14%	0.018%
53	19.452	2697	2700	2705	rVB6	2424	2457	0.15%	0.018%
54	19.716	2741	2745	2755	rVB3	10722	18051	1.07%	0.133%
55	19.822	2759	2763	2771	rBV9	7552	15459	0.91%	0.114%
56	19.975	2784	2789	2796	rBV3	8749	16056	0.95%	0.118%
57	20.081	2796	2807	2816	rBV	1109440	1690426	100.00%	12.462%
58	20.275	2835	2840	2841	rBV4	2623	3597	0.21%	0.027%
59	20.427	2864	2866	2870	rBV4	1691	2740	0.16%	0.020%
60	20.562	2886	2889	2894	rVB5	3726	5843	0.35%	0.043%
61	20.609	2894	2897	2899	rBV3	4047	4045	0.24%	0.030%
62	20.897	2938	2946	2949	rVB6	4440	11283	0.67%	0.083%
63	21.074	2970	2976	2981	rVB8	5323	9526	0.56%	0.070%
64	21.209	2998	2999	3003	rBV3	2847	2850	0.17%	0.021%
65	21.338	3018	3021	3022	rBV3	4547	3729	0.22%	0.027%
66	21.391	3023	3030	3037	rVV9	7328	21348	1.26%	0.157%
67	21.614	3065	3068	3071	rBV5	7046	6760	0.40%	0.050%
68	21.879	3107	3113	3120	rVB3	52680	73004	4.32%	0.538%
69	21.961	3124	3127	3130	rBV4	3711	3994	0.24%	0.029%
70	22.043	3132	3141	3155	rBV	506278	949349	56.16%	6.999%
71	22.190	3163	3166	3173	rVB8	7404	13673	0.81%	0.101%

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72	22.648	3242	3244	3246	rBV3	4079	3388	0.20%	0.025%
73	22.730	3256	3258	3263	rVB6	4380	4779	0.28%	0.035%
74	22.848	3273	3278	3286	rBV6	13956	23330	1.38%	0.172%
75	22.948	3289	3295	3300	rBV9	6608	12713	0.75%	0.094%
76	23.195	3335	3337	3339	rBV2	4487	3015	0.18%	0.022%
77	23.265	3343	3349	3356	rVB6	17832	35654	2.11%	0.263%
78	23.600	3398	3406	3412	rBV5	22195	41730	2.47%	0.308%
79	23.917	3457	3460	3464	rVB4	3466	3528	0.21%	0.026%
80	24.117	3493	3494	3497	rBV3	3848	2935	0.17%	0.022%
81	24.329	3527	3530	3533	rBV4	5924	6920	0.41%	0.051%
82	24.470	3546	3554	3566	rVB2	32680	74893	4.43%	0.552%
83	25.304	3683	3696	3712	rBV2	508708	1546156	91.47%	11.399%
84	25.439	3717	3719	3720	rBV2	4619	3287	0.19%	0.024%
85	25.551	3720	3738	3754	rVV2	289748	1010452	59.77%	7.449%
86	25.809	3780	3782	3784	rVB3	3392	2285	0.14%	0.017%
87	26.732	3929	3939	3950	rVB2	44895	139243	8.24%	1.027%
88	27.067	3991	3996	4000	rVB7	4571	7236	0.43%	0.053%
89	27.607	4085	4088	4092	rVB6	3937	5106	0.30%	0.038%
90	28.212	4180	4191	4205	rVB4	40674	159689	9.45%	1.177%
91	28.394	4220	4222	4225	rBV4	4362	5281	0.31%	0.039%
92	29.288	4373	4374	4378	rBV3	4474	3731	0.22%	0.028%
93	29.687	4440	4442	4444	rBV3	3168	2879	0.17%	0.021%
94	29.775	4455	4457	4463	rBV7	3129	3275	0.19%	0.024%
95	29.987	4480	4493	4506	rBV5	31118	136559	8.08%	1.007%
96	30.175	4523	4525	4527	rBV3	3744	3725	0.22%	0.027%
97	30.292	4540	4545	4547	rBV5	3277	4267	0.25%	0.031%
98	30.557	4586	4590	4594	rVB6	3390	5073	0.30%	0.037%
99	31.984	4830	4833	4836	rBV5	4399	4268	0.25%	0.031%
100	32.149	4850	4861	4878	rVB6	21623	108291	6.41%	0.798%

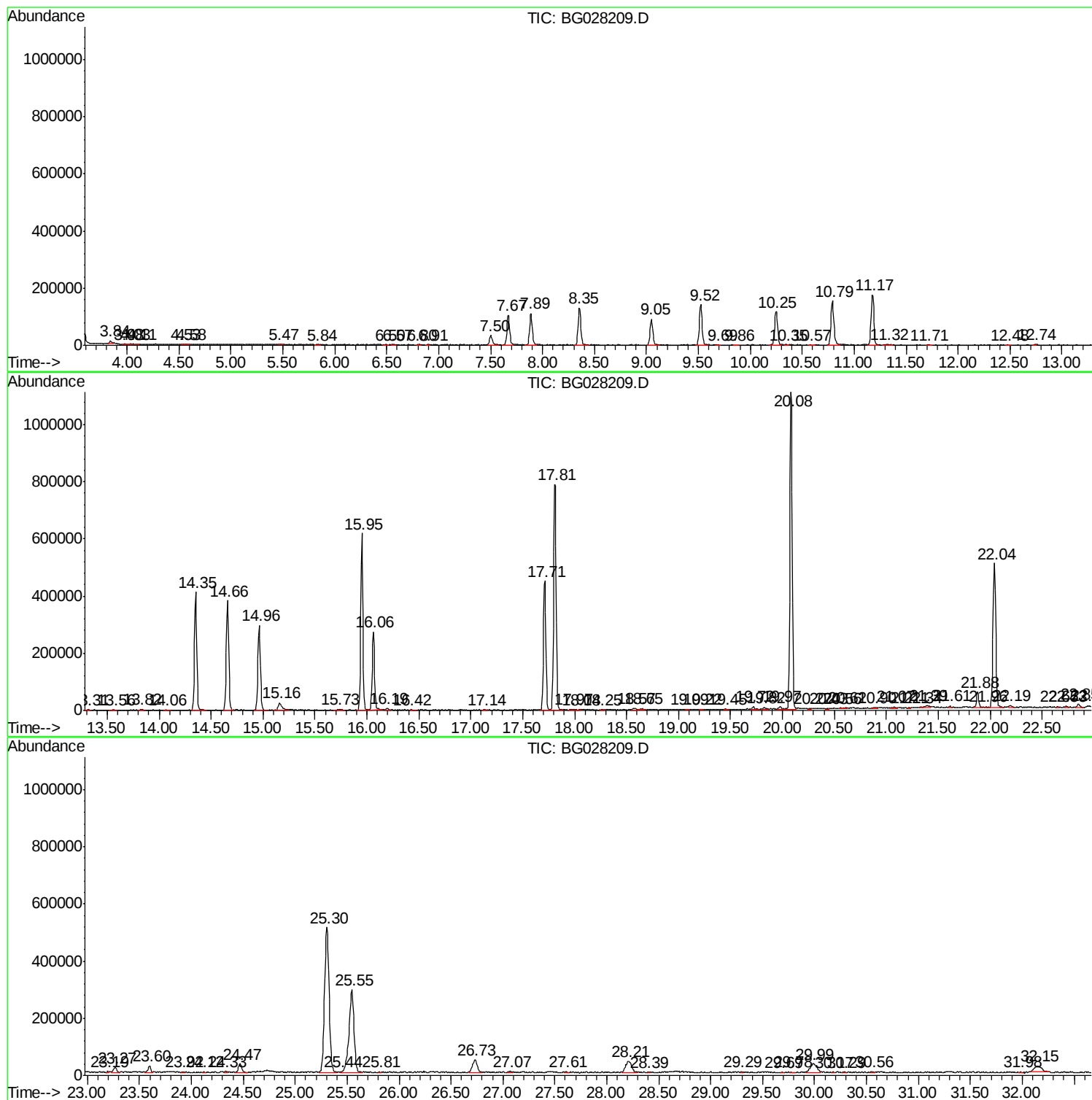
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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



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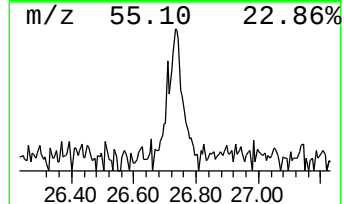
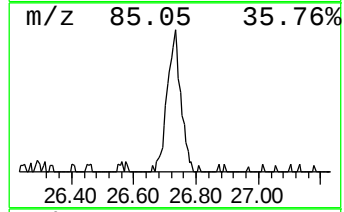
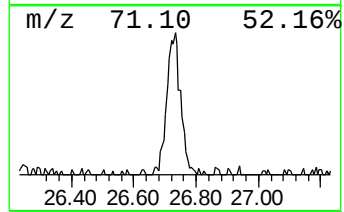
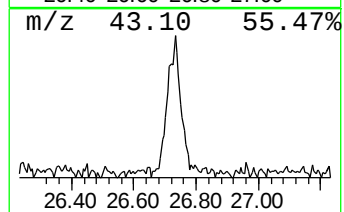
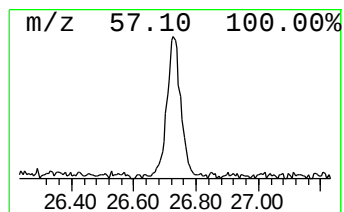
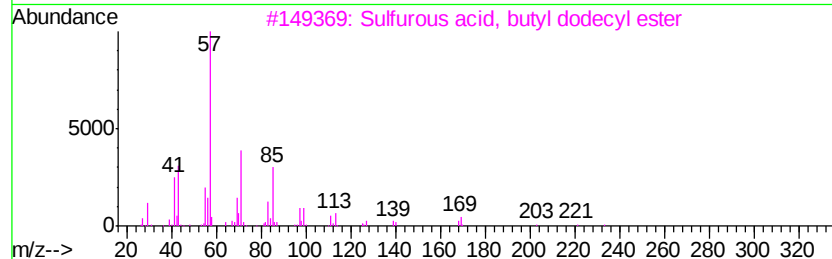
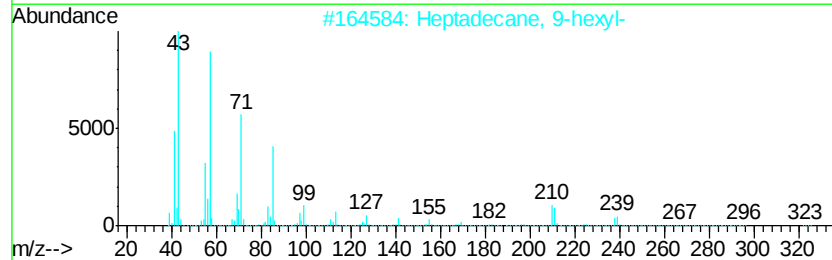
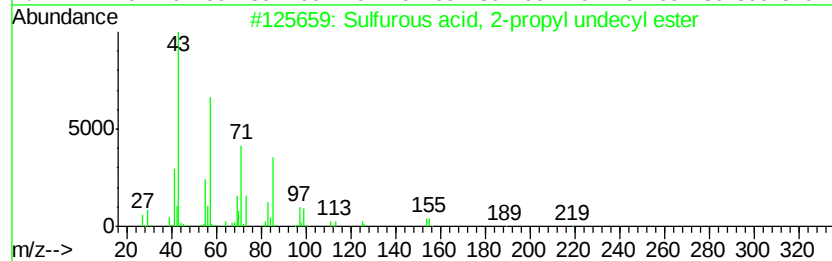
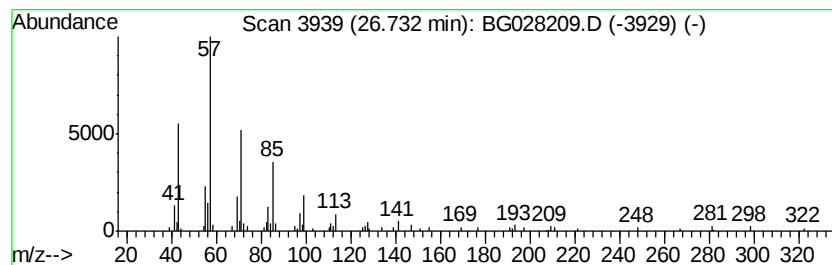
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Sulfurous acid, 2-propyl un... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
26.73	2.76 ng/ul	139243	Perylene-d12	25.55		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Sulfurous acid, 2-propyl undecyl...	278	C14H30O3S	1000309-12-2	80
2		Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	80
3		Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	80
4		Heptacosane	380	C27H56	000593-49-7	72
5		Octadecane	254	C18H38	000593-45-3	72



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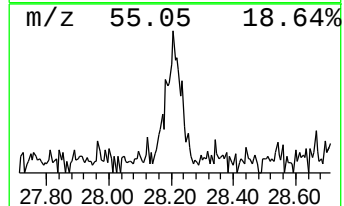
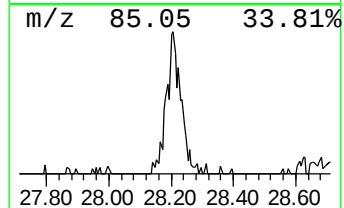
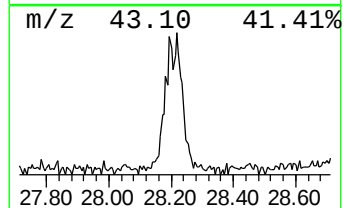
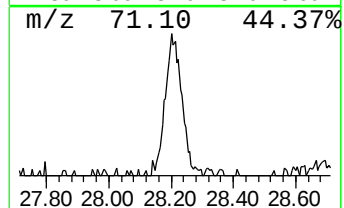
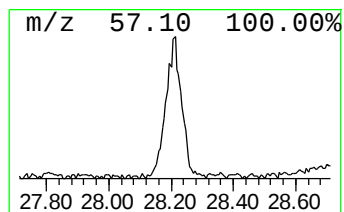
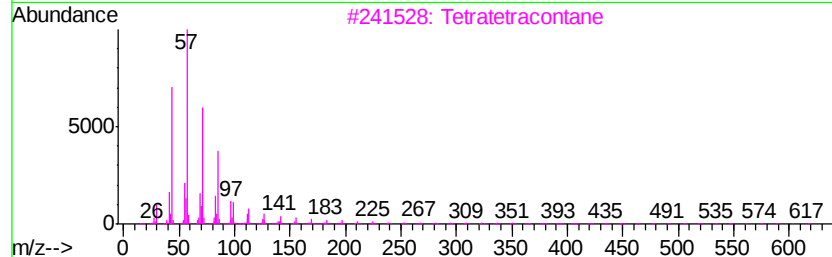
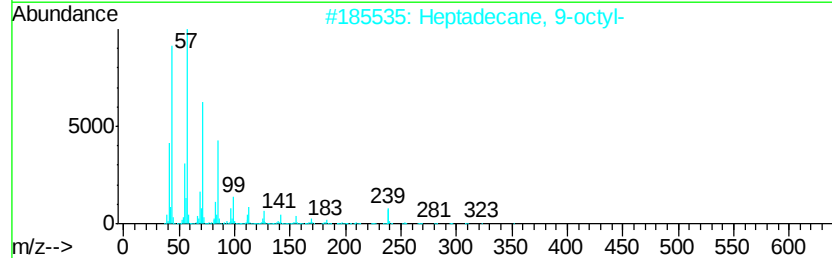
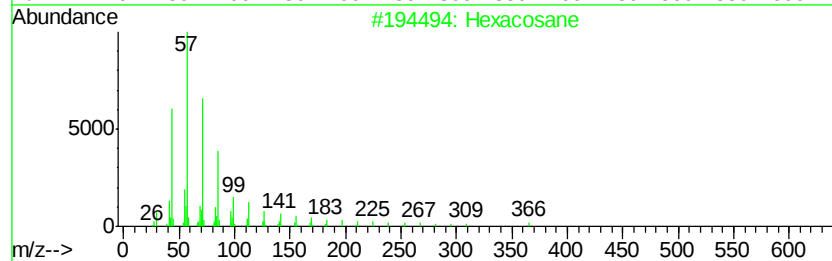
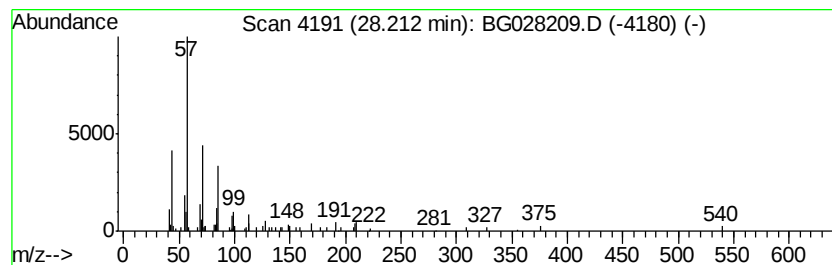
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.21	3.16 ng/ul	159689	Perylene-d12	25.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	72
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	64
3		Tetratetracontane	619	C44H90	007098-22-8	64
4		5-Butyl-5-ethylheptadecane	324	C23H48	1000360-43-0	64
5		Hexacosane	366	C26H54	000630-01-3	64



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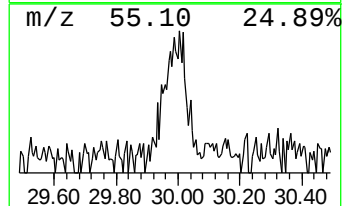
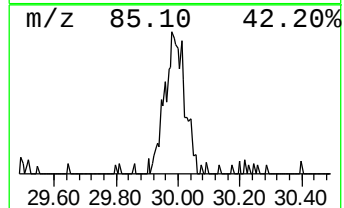
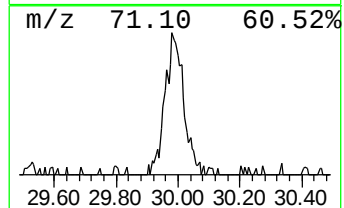
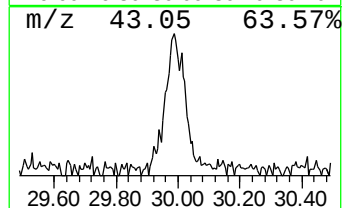
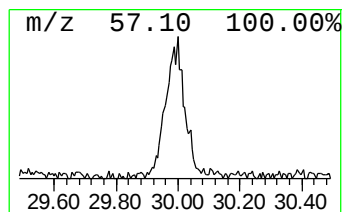
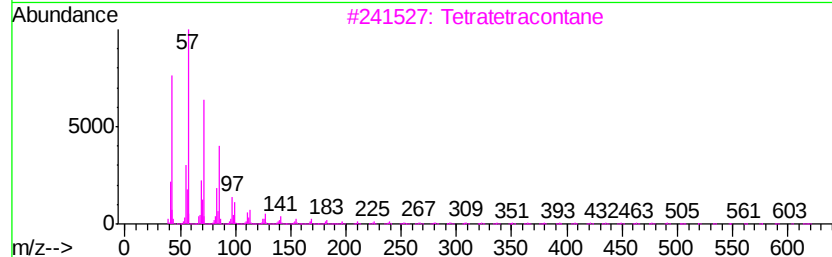
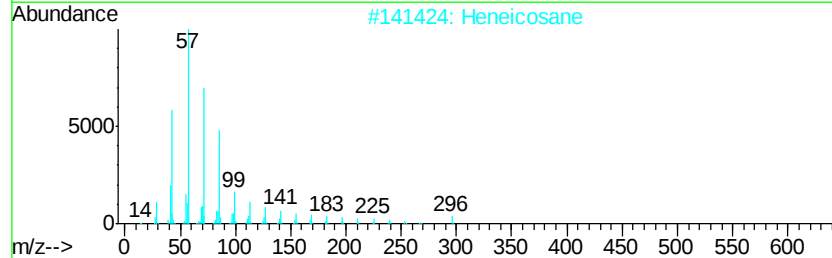
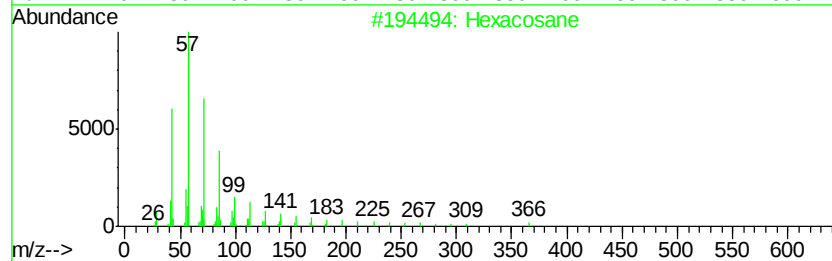
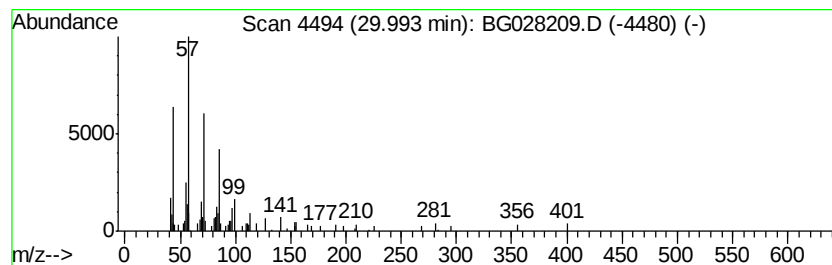
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.99	2.70 ng/ul	136559	Perylene-d12	25.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	81
2		Heneicosane	296	C21H44	000629-94-7	74
3		Tetratetracontane	619	C44H90	007098-22-8	72
4		Octadecane	254	C18H38	000593-45-3	72
5		triacontane	422	C30H62	000638-68-6	72



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Acq On : 9 Aug 2017 3:38
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Sample : I4603-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0387

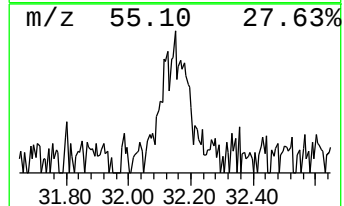
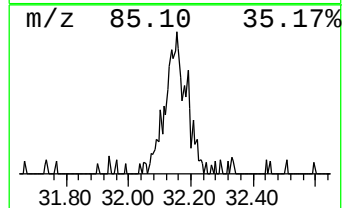
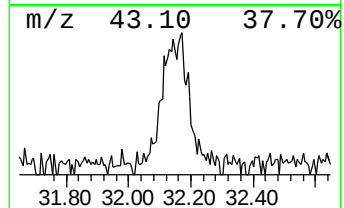
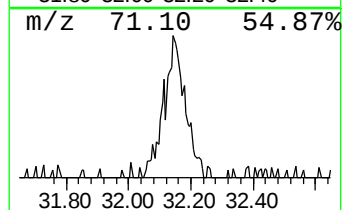
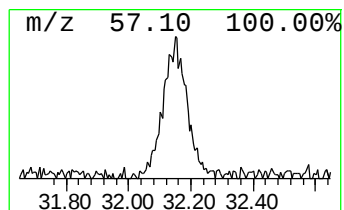
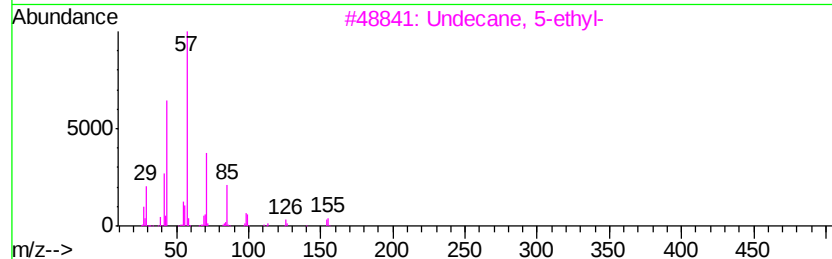
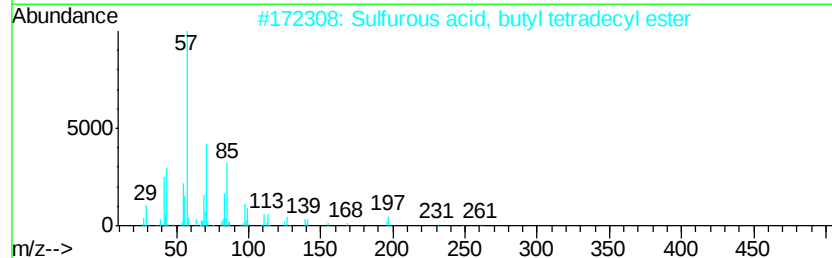
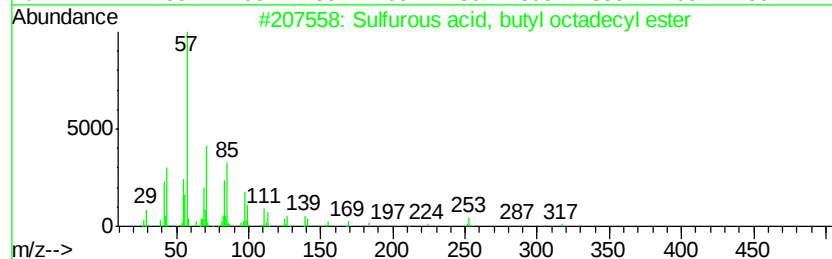
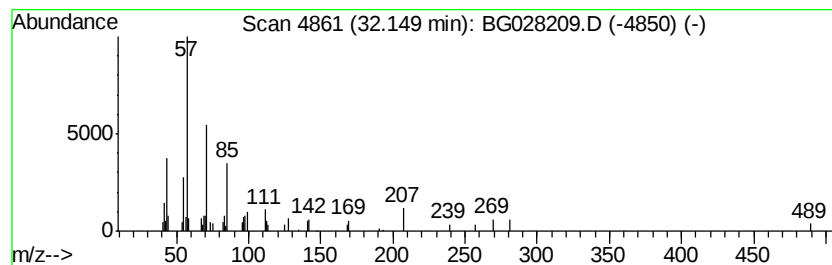
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Sulfurous acid, butyl octadecyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.15	2.14 ng/ul	108291	Perylene-d12	25.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, butyl octadecyl ...	390	C22H46O3S	1000309-18-5	59
2		Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	59
3		Undecane, 5-ethyl-	184	C13H28	017453-94-0	53
4		Dodecane, 3-methyl-	184	C13H28	017312-57-1	53
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	53



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080817\
Data File : BG028209.D
Acq On : 9 Aug 2017 3:38
Operator : SJ/JU
Sample : I4603-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0387

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
Sulfurous acid, 2...	26.73	2.8	ng/ul	139243	6	25.55	1010450	20.0
(DEL) Alkane: Str...	28.21	3.2	ng/ul	159689	6	25.55	1010450	20.0
(DEL) Alkane: Str...	29.99	2.7	ng/ul	136559	6	25.55	1010450	20.0
Sulfurous acid, b...	32.15	2.1	ng/ul	108291	6	25.55	1010450	20.0