

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080817\
 Data File : BG028189.D
 Acq On : 8 Aug 2017 14:27
 Operator : SJ/JU
 Sample : PB101301BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SBLK01

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	3.717	21	22	27	rBV4	2447	3787	0.22%	0.024%
2	3.840	37	43	49	rBV4	10907	18437	1.08%	0.116%
3	4.057	77	80	83	rVB3	2096	2577	0.15%	0.016%
4	4.668	182	184	190	rBV3	1610	2822	0.16%	0.018%
5	5.703	355	360	364	rBV5	1275	2305	0.13%	0.015%
6	6.566	500	507	511	rBV4	2191	3034	0.18%	0.019%
7	7.113	597	600	604	rVB5	1529	2236	0.13%	0.014%
8	7.324	630	636	638	rVB2	1270	2453	0.14%	0.015%
9	7.500	656	666	681	rBV2	180070	341337	19.95%	2.152%
10	7.671	686	695	706	rBV	142660	246224	14.39%	1.553%
11	7.888	720	732	743	rBV	173886	317306	18.55%	2.001%
12	8.352	801	811	821	rVB	128383	223847	13.09%	1.411%
13	9.046	918	929	940	rBV2	229191	412360	24.11%	2.600%
14	9.522	1001	1010	1021	rBV	189771	352187	20.59%	2.221%
15	10.244	1125	1133	1143	rBV2	162767	308890	18.06%	1.948%
16	10.479	1172	1173	1180	rBV	1284	2438	0.14%	0.015%
17	10.785	1217	1225	1237	rBV	215739	418561	24.47%	2.639%
18	11.102	1273	1279	1283	rBV4	1983	4369	0.26%	0.028%
19	11.173	1283	1291	1304	rVB2	188622	354717	20.74%	2.237%
20	11.302	1304	1313	1328	rBV	219770	444862	26.01%	2.805%
21	12.189	1458	1464	1469	rBV	1880	4368	0.26%	0.028%
22	12.747	1553	1559	1563	rVB2	3716	7118	0.42%	0.045%
23	13.817	1736	1741	1744	rBV2	1565	2599	0.15%	0.016%
24	14.351	1824	1832	1840	rBV	579399	861452	50.36%	5.432%
25	14.657	1877	1884	1899	rVB	536845	852173	49.82%	5.373%
26	14.962	1925	1936	1945	rBV2	332509	564452	33.00%	3.559%
27	15.144	1958	1967	1983	rBV2	193912	395054	23.09%	2.491%
28	15.473	2020	2023	2029	rVB2	1756	2543	0.15%	0.016%
29	15.585	2037	2042	2048	rVB5	2831	4372	0.26%	0.028%
30	15.650	2048	2053	2057	rBV2	1372	2814	0.16%	0.018%
31	15.949	2095	2104	2115	rBV	780675	1175329	68.71%	7.411%
32	16.061	2115	2123	2137	rBV	308526	488462	28.55%	3.080%
33	16.190	2139	2145	2150	rVB4	8494	14591	0.85%	0.092%
34	17.495	2365	2367	2373	rVB2	2233	2576	0.15%	0.016%

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35	17.712	2396	2404	2412	rVB2	514931	809321	47.31%	5.103%
36	17.812	2412	2421	2432	rBV2	905161	1451559	84.85%	9.153%
37	18.111	2467	2472	2478	rVB4	2192	4789	0.28%	0.030%
38	18.752	2578	2581	2587	rVB3	1862	3337	0.20%	0.021%
39	18.817	2587	2592	2594	rBV2	1883	2335	0.14%	0.015%
40	19.251	2662	2666	2670	rBV2	1602	2528	0.15%	0.016%
41	19.586	2721	2723	2726	rBV3	2374	2273	0.13%	0.014%
42	19.622	2726	2729	2731	rBV4	1809	2681	0.16%	0.017%
43	19.721	2737	2746	2752	rBV3	10240	19816	1.16%	0.125%
44	19.868	2767	2771	2774	rVB5	2583	3261	0.19%	0.021%
45	19.974	2783	2789	2795	rVB4	9307	16376	0.96%	0.103%
46	20.086	2799	2808	2818	rBV	1169992	1710650	100.00%	10.787%
47	20.274	2838	2840	2844	rVB2	2662	3109	0.18%	0.020%
48	20.485	2874	2876	2879	rVB4	2207	2450	0.14%	0.015%
49	21.008	2964	2965	2970	rVB5	2993	3000	0.18%	0.019%
50	21.337	3020	3021	3023	rBV2	2978	2646	0.15%	0.017%
51	21.396	3024	3031	3033	rVV4	5309	12225	0.71%	0.077%
52	21.878	3112	3113	3117	rVB4	2639	2488	0.15%	0.016%
53	21.978	3128	3130	3133	rBV4	2840	2757	0.16%	0.017%
54	22.042	3133	3141	3153	rBV	508291	917676	53.64%	5.787%
55	22.195	3164	3167	3175	rVB8	6209	14221	0.83%	0.090%
56	22.260	3175	3178	3182	rBV5	5359	7747	0.45%	0.049%
57	22.659	3244	3246	3249	rVB4	3230	2992	0.17%	0.019%
58	22.853	3276	3279	3286	rVB7	8012	10314	0.60%	0.065%
59	23.599	3399	3406	3416	rVB7	16800	35104	2.05%	0.221%
60	24.005	3473	3475	3478	rBV3	2454	3485	0.20%	0.022%
61	24.316	3526	3528	3531	rBV3	3579	5267	0.31%	0.033%
62	24.469	3547	3554	3562	rBV5	20295	47772	2.79%	0.301%
63	25.309	3685	3697	3710	rBV2	507060	1541807	90.13%	9.722%
64	25.550	3721	3738	3754	rBV2	274001	939765	54.94%	5.926%
65	26.737	3930	3940	3950	rBV3	32886	97210	5.68%	0.613%
66	26.989	3980	3983	3987	rVB5	3869	5493	0.32%	0.035%
67	27.060	3993	3995	3997	rBV2	3659	3481	0.20%	0.022%
68	27.265	4028	4030	4036	rVB6	5465	8487	0.50%	0.054%
69	28.018	4155	4158	4163	rBV5	5054	8124	0.47%	0.051%
70	28.217	4182	4192	4203	rVB5	33804	119497	6.99%	0.754%
71	29.016	4326	4328	4330	rBV3	3077	2956	0.17%	0.019%

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Integration Parameters: LSCINT.P

Integrator: RTE
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Sampling : 1 Min Area: 0.1 % of largest Peak
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72	29.169	4352	4354	4359	rVB2	2899	2498	0.15%	0.016%
73	29.240	4364	4366	4373	rVB7	4038	8068	0.47%	0.051%
74	29.298	4373	4376	4379	rBV5	5595	5832	0.34%	0.037%
75	29.992	4484	4494	4511	rVB9	24697	109603	6.41%	0.691%
76	30.197	4527	4529	4530	rBV2	3136	2356	0.14%	0.015%
77	30.415	4564	4566	4568	rBV3	3329	3165	0.19%	0.020%
78	31.214	4699	4702	4703	rBV2	3433	3961	0.23%	0.025%
79	31.455	4740	4743	4746	rBV5	3911	4810	0.28%	0.030%
80	32.160	4851	4863	4864	rBV4	16335	46883	2.74%	0.296%

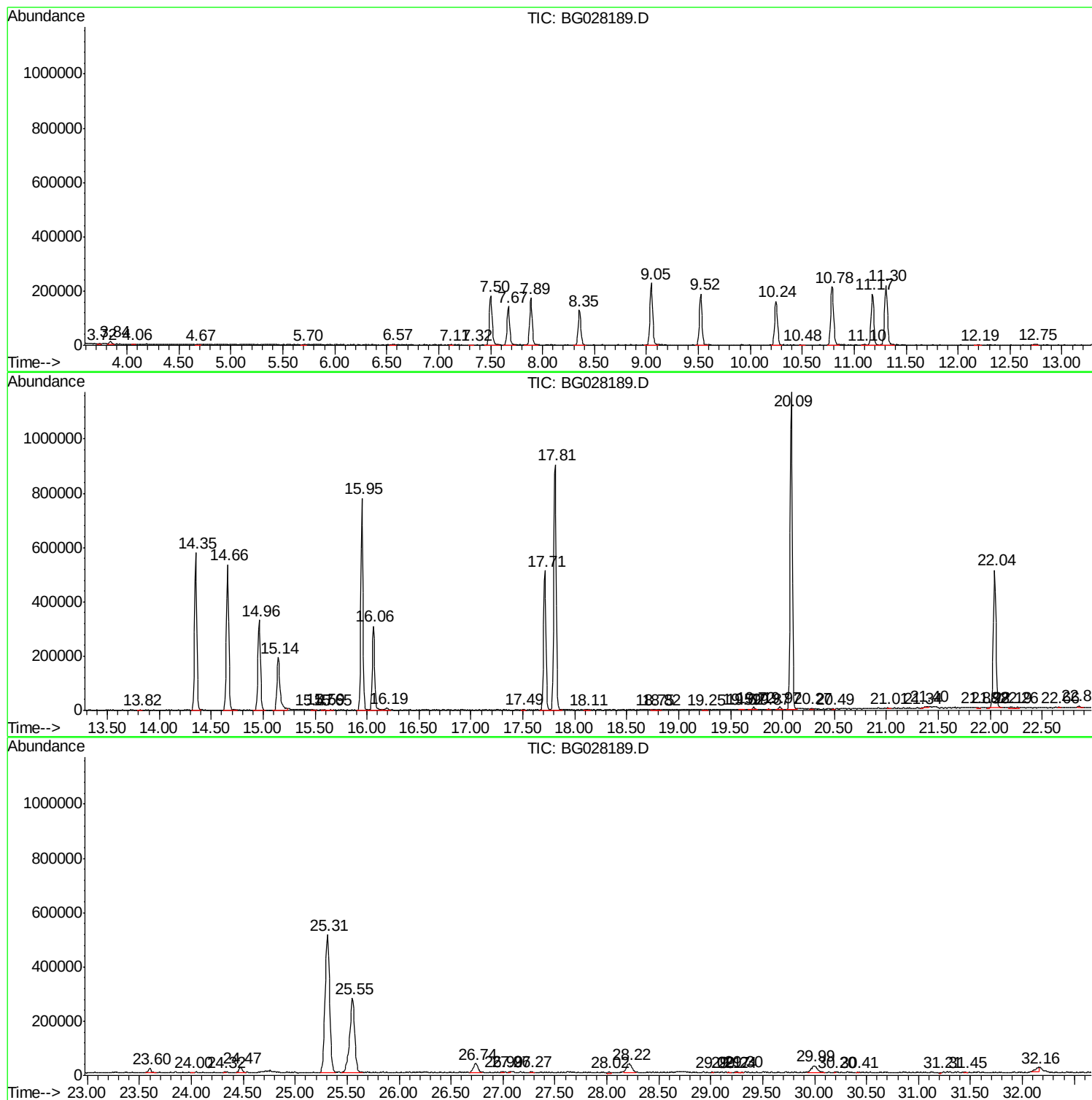
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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



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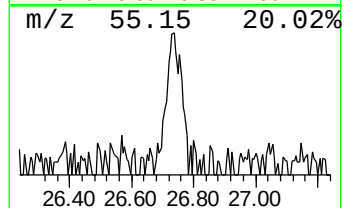
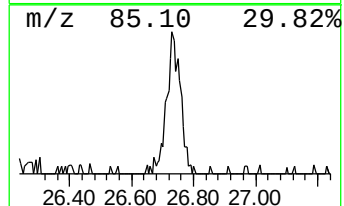
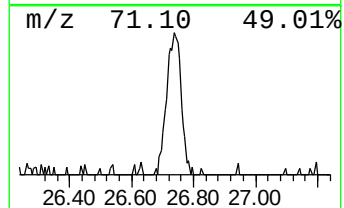
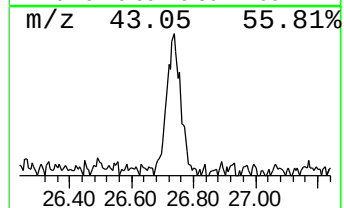
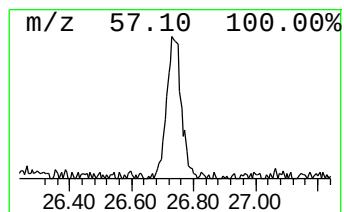
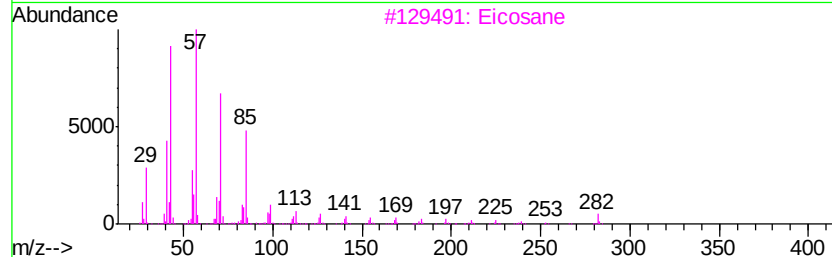
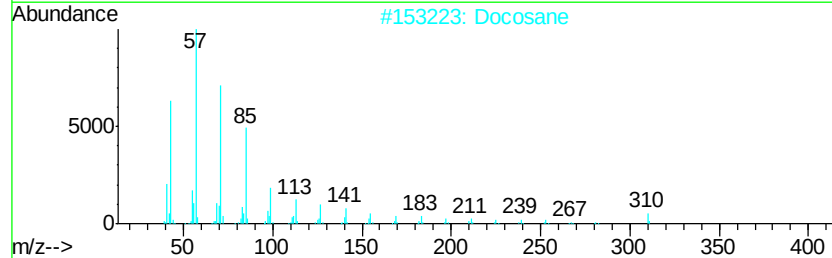
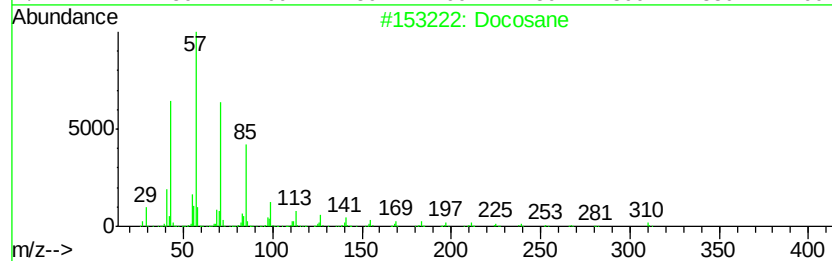
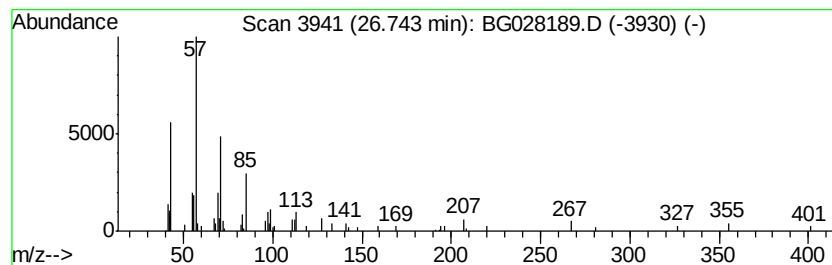
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.74	2.07 ng/ul	97210	Perylene-d12	25.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Docosane	310	C22H46	000629-97-0	81
2			Docosane	310	C22H46	000629-97-0	72
3			Eicosane	282	C20H42	000112-95-8	70
4			Octacosane	394	C28H58	000630-02-4	68
5			Hexatriacontane	507	C36H74	000630-06-8	68



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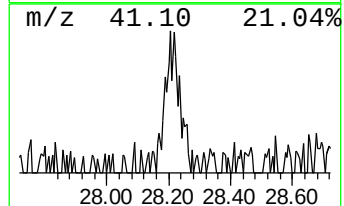
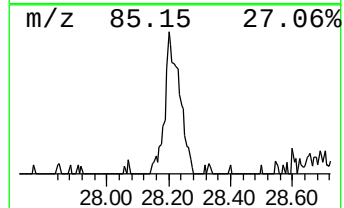
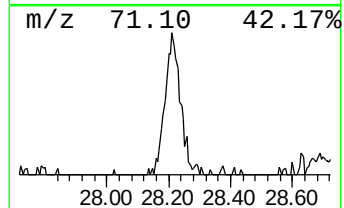
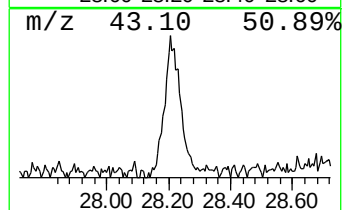
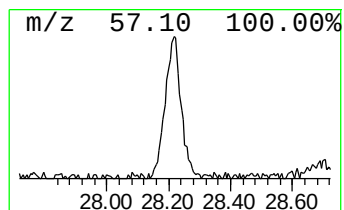
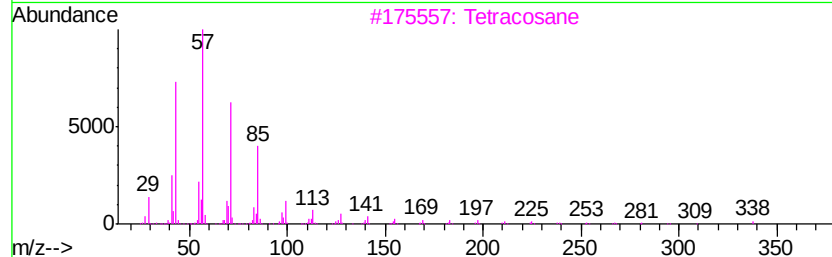
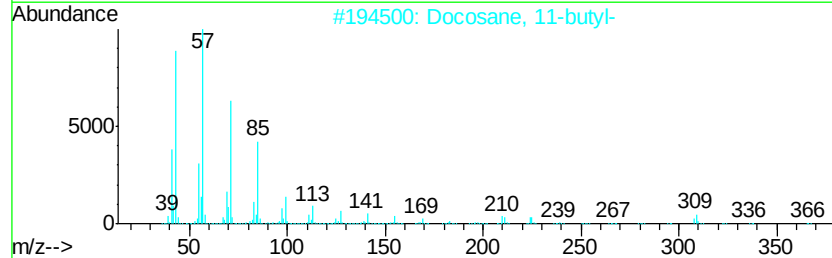
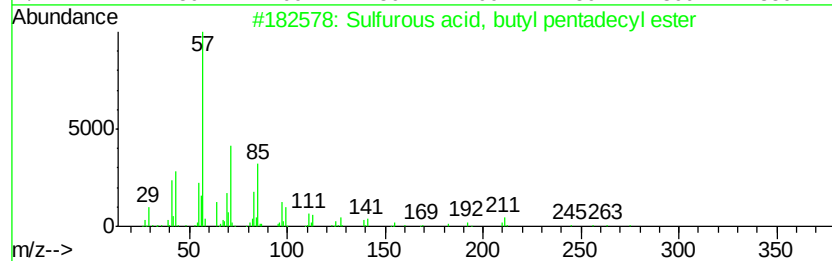
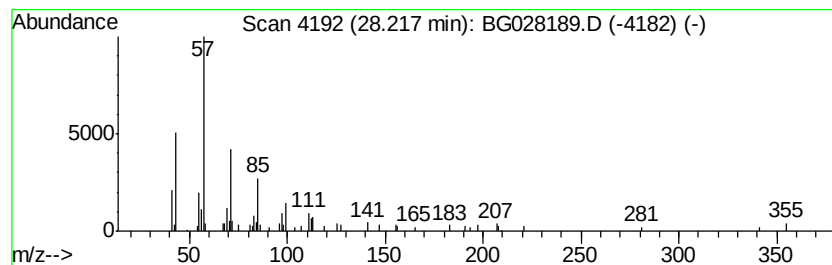
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.22	2.54 ng/ul	119497	Perylene-d12	25.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, butyl pentadecyl...	348	C19H40O3S	1000309-18-2	80
2		Docosane, 11-butyl-	366	C26H54	013475-76-8	59
3		Tetracosane	338	C24H50	000646-31-1	58
4		Hexatriacontane	507	C36H74	000630-06-8	58
5		Heptacosane	380	C27H56	000593-49-7	58



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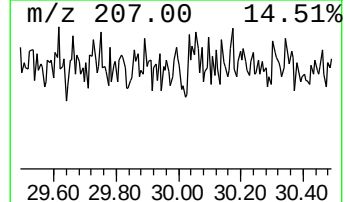
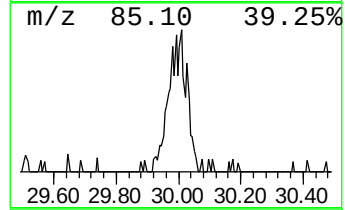
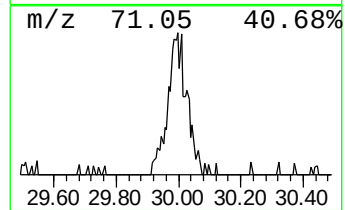
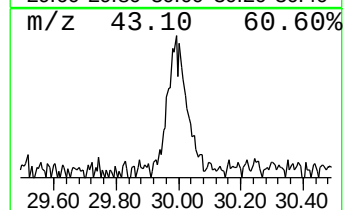
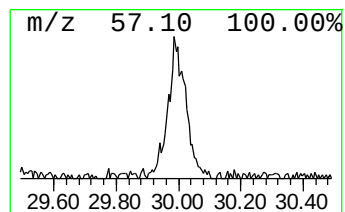
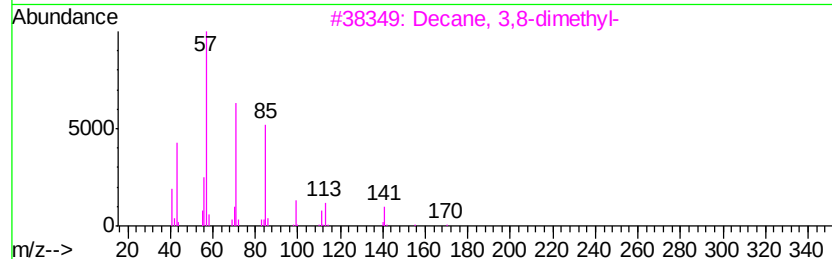
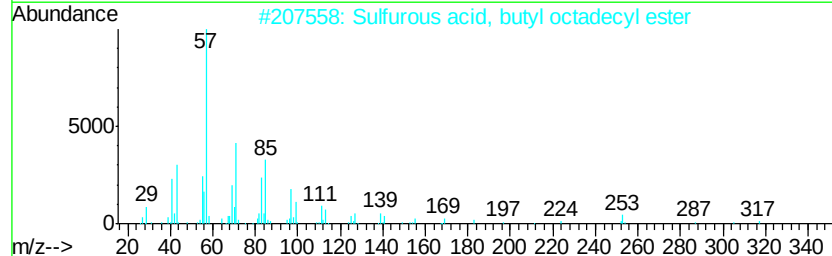
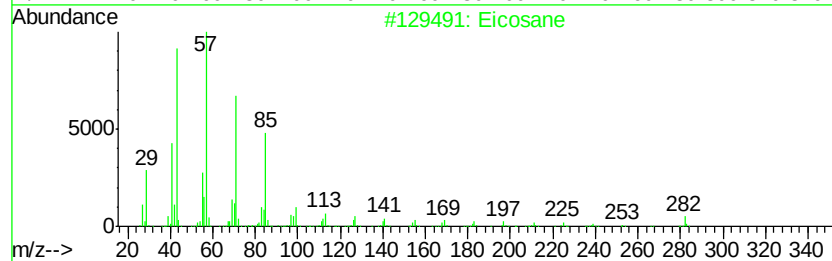
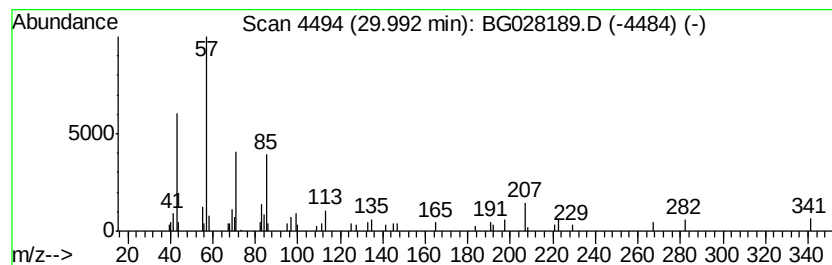
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.99	2.33 ng/ul	109603	Perylene-d12	25.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	70
2		Sulfurous acid, butyl octadecyl ...	390	C22H46O3S	1000309-18-5	64
3		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	64
4		Pentadecane	212	C15H32	000629-62-9	59
5		2-methyltetracosane	352	C25H52	1000376-72-6	59



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	26.74	2.1	ng/ul	97210	6	25.55	939765	20.0
Sulfurous acid, b...	28.22	2.5	ng/ul	119497	6	25.55	939765	20.0
(DEL) Alkane: Str...	29.99	2.3	ng/ul	109603	6	25.55	939765	20.0