

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080217\
 Data File : BG028142.D
 Acq On : 3 Aug 2017 15:29
 Operator : SJ/JU
 Sample : I4373-10
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AA7

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	3.705	18	20	27	rVB5	2809	4436	0.33%	0.029%
2	3.781	28	33	36	rVV5	2014	2332	0.18%	0.015%
3	3.851	38	45	55	rVB6	9311	19424	1.47%	0.125%
4	4.051	77	79	84	rBV3	2254	2493	0.19%	0.016%
5	4.181	97	101	105	rVB5	2643	3175	0.24%	0.020%
6	4.357	126	131	134	rVB6	5447	7203	0.54%	0.046%
7	4.586	164	170	176	rVB3	10486	18475	1.39%	0.119%
8	4.780	195	203	210	rBV5	6290	13815	1.04%	0.089%
9	4.891	215	222	230	rVB3	11009	19471	1.47%	0.125%
10	5.074	251	253	262	rBV4	1242	2466	0.19%	0.016%
11	5.179	267	271	276	rVB4	3236	6061	0.46%	0.039%
12	5.485	317	323	327	rBV4	5302	8188	0.62%	0.053%
13	5.632	343	348	353	rBV4	1682	3176	0.24%	0.020%
14	5.861	382	387	390	rBV3	1620	2446	0.18%	0.016%
15	6.443	480	486	489	rBV3	3098	4751	0.36%	0.031%
16	6.560	503	506	511	rBV5	1813	2373	0.18%	0.015%
17	6.924	563	568	572	rBV3	1614	2943	0.22%	0.019%
18	7.236	616	621	624	rVB4	1485	2372	0.18%	0.015%
19	7.512	660	668	684	rVB	163360	330804	24.97%	2.132%
20	7.682	689	697	705	rBV	109281	189278	14.29%	1.220%
21	7.894	725	733	746	rBV	141490	261352	19.73%	1.684%
22	8.135	769	774	778	rBV2	1185	2477	0.19%	0.016%
23	8.364	806	813	824	rVV	132227	235458	17.77%	1.518%
24	9.057	922	931	944	rBV2	185411	338820	25.57%	2.184%
25	9.175	947	951	958	rVB2	1383	2740	0.21%	0.018%
26	9.533	1003	1012	1027	rVB	155231	303042	22.87%	1.953%
27	9.897	1068	1074	1077	rBV3	1704	3250	0.25%	0.021%
28	10.256	1126	1135	1145	rBV	141553	269167	20.32%	1.735%
29	10.796	1219	1227	1239	rBV	211613	402120	30.35%	2.592%
30	11.184	1284	1293	1304	rVB	221902	417707	31.53%	2.692%
31	11.319	1307	1316	1328	rBV	184356	369472	27.89%	2.381%
32	12.177	1457	1462	1464	rBV2	1518	2507	0.19%	0.016%
33	12.347	1483	1491	1494	rBV4	1917	4309	0.33%	0.028%
34	12.483	1512	1514	1518	rBV	1483	2415	0.18%	0.016%

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35	12.741	1553	1558	1563	rBV4	2987	5841	0.44%	0.038%
36	12.817	1567	1571	1576	rVB3	1505	2644	0.20%	0.017%
37	13.329	1651	1658	1661	rBV4	2416	3809	0.29%	0.025%
38	13.564	1693	1698	1704	rVB5	2297	4191	0.32%	0.027%
39	13.834	1741	1744	1749	rVB3	2339	3632	0.27%	0.023%
40	14.363	1826	1834	1838	rBV	481082	717456	54.15%	4.624%
41	14.410	1838	1842	1851	rVB	149855	223121	16.84%	1.438%
42	14.668	1878	1886	1894	rVV	476560	784864	59.24%	5.059%
43	14.821	1908	1912	1919	rBV6	4605	8480	0.64%	0.055%
44	14.974	1923	1938	1947	rBV2	407764	672526	50.76%	4.335%
45	15.162	1963	1970	1993	rBV	119313	279750	21.12%	1.803%
46	15.326	1993	1998	2002	rVV5	1702	3368	0.25%	0.022%
47	15.385	2003	2008	2013	rVV5	3616	6464	0.49%	0.042%
48	15.438	2013	2017	2021	rVV4	2869	3349	0.25%	0.022%
49	15.520	2028	2031	2036	rVV4	2187	3851	0.29%	0.025%
50	15.732	2064	2067	2069	rBV3	3290	2610	0.20%	0.017%
51	15.773	2069	2074	2080	rVB3	14044	21343	1.61%	0.138%
52	15.961	2099	2106	2117	rBV	683287	1069199	80.70%	6.891%
53	16.072	2117	2125	2133	rBV	222038	343950	25.96%	2.217%
54	16.190	2138	2145	2155	rVB10	8148	22220	1.68%	0.143%
55	16.278	2155	2160	2164	rVB2	3455	4294	0.32%	0.028%
56	16.325	2164	2168	2172	rBV4	3356	5127	0.39%	0.033%
57	16.396	2177	2180	2185	rVB3	4017	6634	0.50%	0.043%
58	16.478	2190	2194	2197	rBV5	2416	3250	0.25%	0.021%
59	16.578	2205	2211	2215	rBV5	2108	3383	0.26%	0.022%
60	16.631	2215	2220	2232	rBV	20965	40640	3.07%	0.262%
61	16.819	2250	2252	2258	rVB5	2296	3190	0.24%	0.021%
62	16.913	2262	2268	2271	rBV4	3391	5862	0.44%	0.038%
63	16.983	2277	2280	2285	rBV5	2581	4573	0.35%	0.029%
64	17.042	2286	2290	2293	rVB3	4438	6237	0.47%	0.040%
65	17.148	2304	2308	2314	rBV7	2607	5033	0.38%	0.032%
66	17.242	2316	2324	2328	rBV5	14685	21612	1.63%	0.139%
67	17.318	2335	2337	2342	rBV5	2115	3466	0.26%	0.022%
68	17.430	2352	2356	2361	rVB2	11844	16278	1.23%	0.105%
69	17.477	2361	2364	2367	rBV3	4339	5221	0.39%	0.034%
70	17.553	2375	2377	2379	rBV3	3066	2834	0.21%	0.018%
71	17.618	2380	2388	2390	rVB5	2357	5222	0.39%	0.034%

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72	17.723	2398	2406	2416	rBV	550271	868035	65.52%	5.595%
73	17.823	2416	2423	2431	rVV2	719223	1152814	87.01%	7.430%
74	17.900	2431	2436	2441	rVB7	5955	11527	0.87%	0.074%
75	18.064	2461	2464	2466	rVV4	2813	3167	0.24%	0.020%
76	18.094	2466	2469	2474	rVB4	4352	6739	0.51%	0.043%
77	18.164	2479	2481	2488	rVB4	4755	8011	0.60%	0.052%
78	18.358	2510	2514	2518	rVB5	4357	6853	0.52%	0.044%
79	18.452	2527	2530	2531	rBV2	3554	4010	0.30%	0.026%
80	18.575	2544	2551	2560	rBV4	31002	72059	5.44%	0.464%
81	18.828	2592	2594	2597	rBV3	2488	2357	0.18%	0.015%
82	18.946	2610	2614	2624	rBV7	9372	23674	1.79%	0.153%
83	19.134	2644	2646	2651	rVB3	1890	2416	0.18%	0.016%
84	19.292	2671	2673	2679	rBV6	3050	5058	0.38%	0.033%
85	19.374	2683	2687	2688	rBV4	2378	2503	0.19%	0.016%
86	19.727	2742	2747	2758	rVB	10879	21935	1.66%	0.141%
87	19.827	2758	2764	2773	rBV	17372	42431	3.20%	0.273%
88	19.980	2786	2790	2795	rBV4	8871	16640	1.26%	0.107%
89	20.091	2802	2809	2819	rBV	851876	1324848	100.00%	8.539%
90	22.054	3135	3143	3151	rBV	486256	920676	69.49%	5.934%
91	22.865	3276	3281	3287	rBV5	18777	38279	2.89%	0.247%
92	22.959	3294	3297	3306	rVB5	18026	37068	2.80%	0.239%
93	23.617	3402	3409	3419	rBV4	27435	63615	4.80%	0.410%
94	24.492	3551	3558	3565	rBV3	58164	140360	10.59%	0.905%
95	25.332	3689	3701	3718	rVB	415115	1283579	96.89%	8.273%
96	25.573	3726	3742	3756	rVB3	278907	1034099	78.05%	6.665%
97	26.760	3936	3944	3954	rVB2	70514	204378	15.43%	1.317%
98	28.246	4187	4197	4209	rVB5	60157	233210	17.60%	1.503%
99	30.033	4489	4501	4517	rBV6	45535	205891	15.54%	1.327%
100	32.206	4857	4871	4888	rBV6	36316	192942	14.56%	1.244%

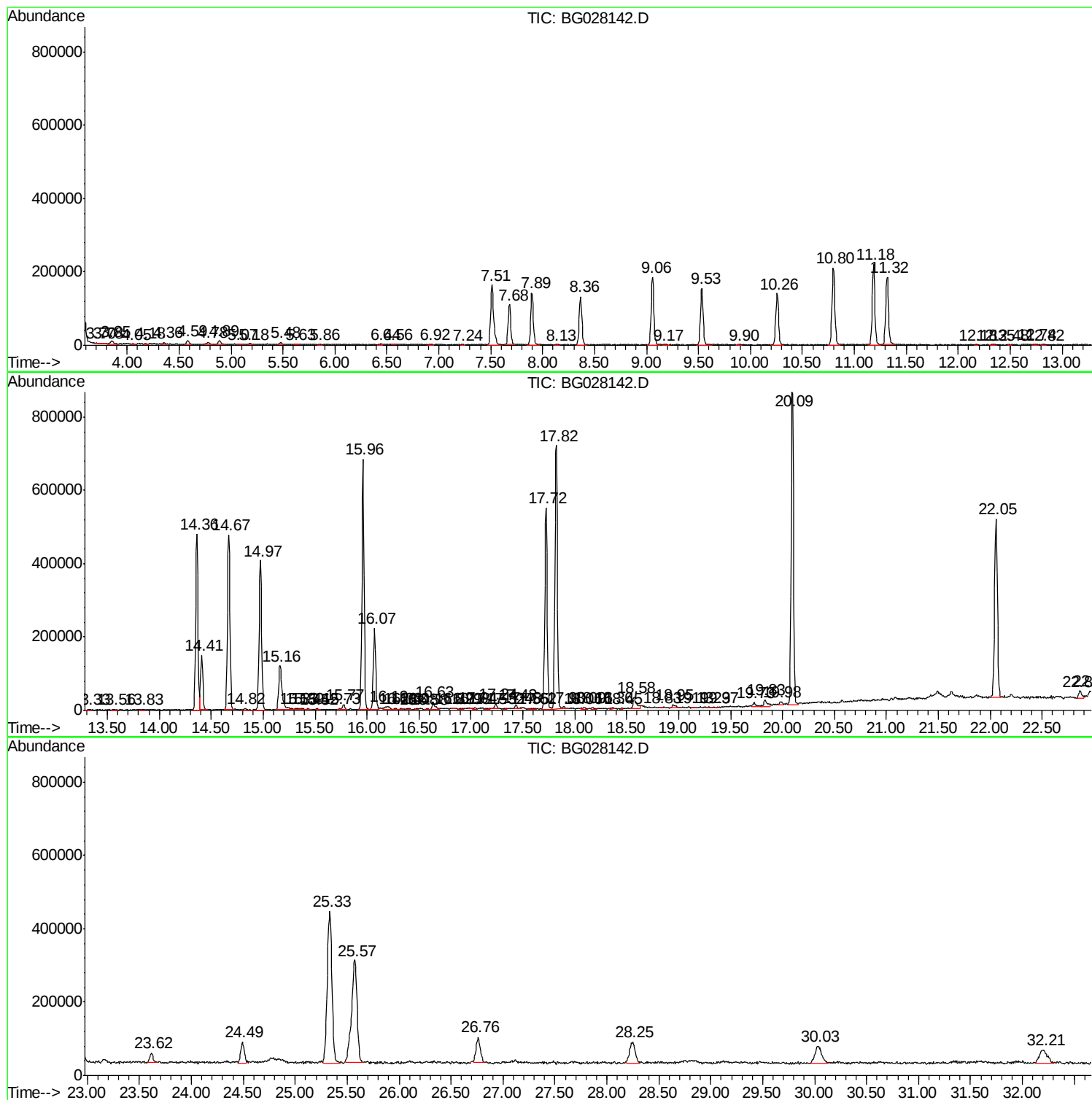
Sum of corrected areas: 15515216

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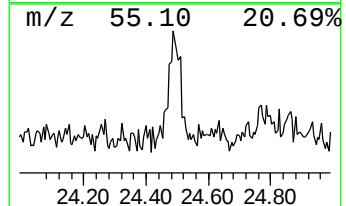
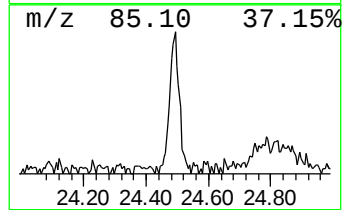
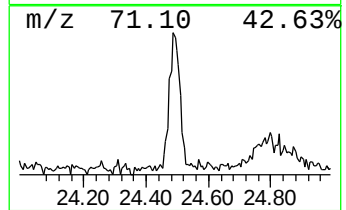
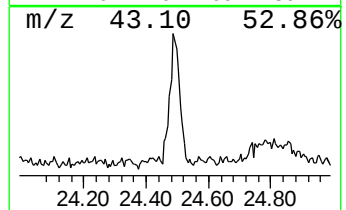
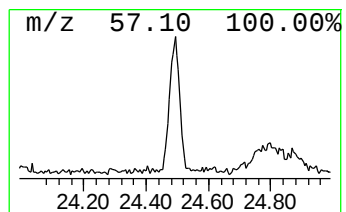
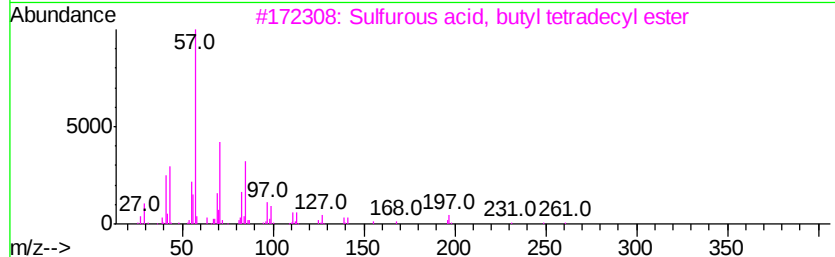
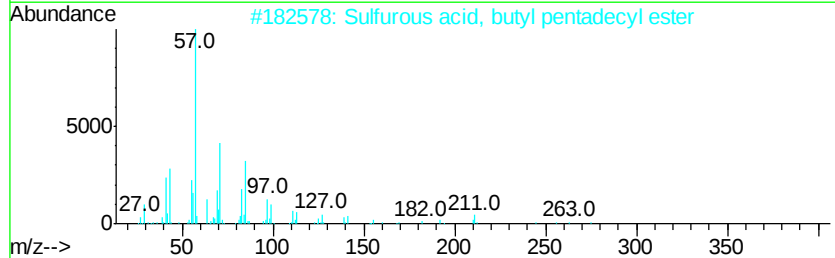
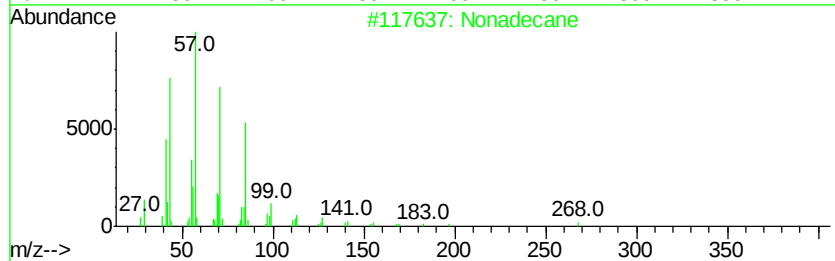
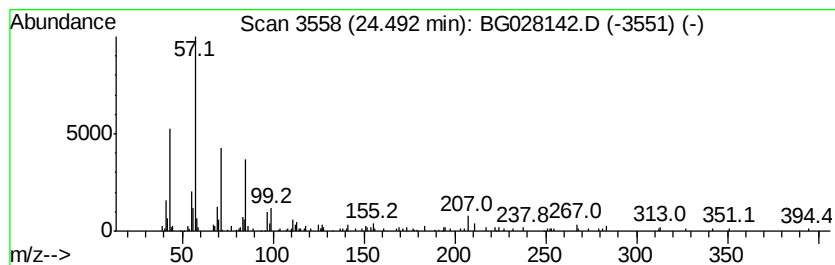
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.49	2.71 ng/ul	140360	Perylene-d12	25.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	93
2		Sulfurous acid, butyl pentadecyl...	348	C19H40O3S	1000309-18-2	80
3		Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	80
4		Sulfurous acid, butyl hexadecyl ...	362	C20H42O3S	1000309-18-3	80
5		Octacosane	394	C28H58	000630-02-4	74



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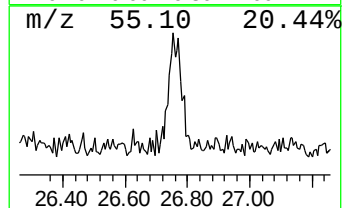
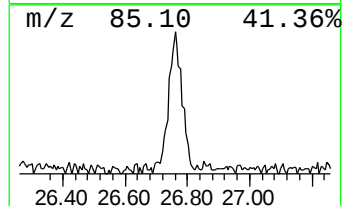
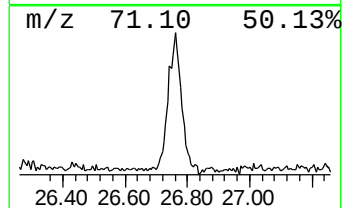
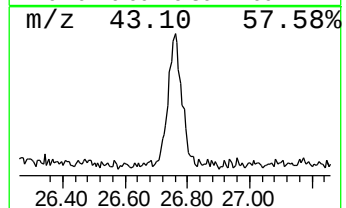
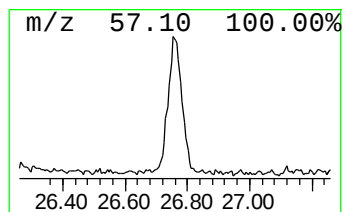
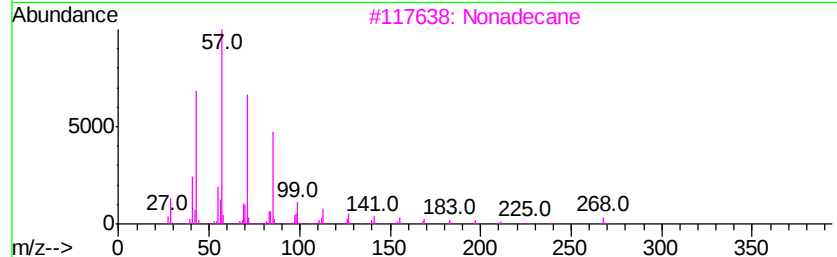
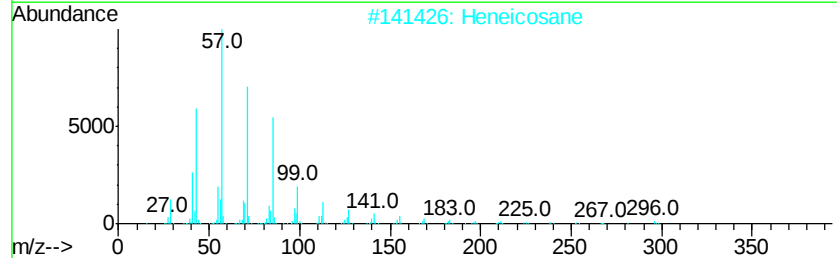
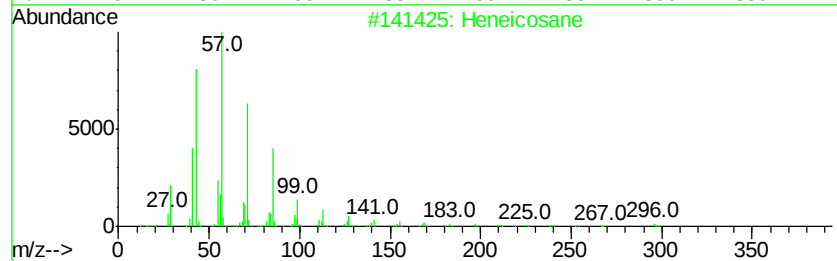
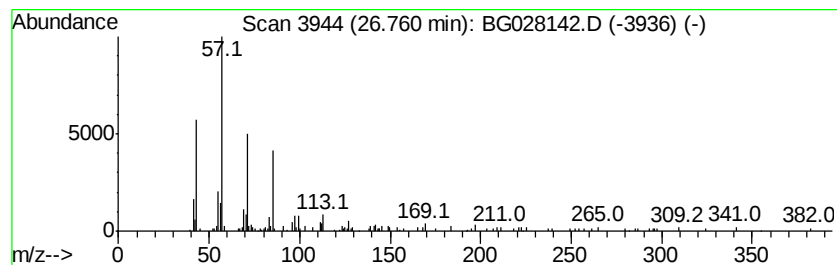
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.76	3.95 ng/ul	204378	Perylene-d12	25.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heneicosane	296	C21H44	000629-94-7	89
3		Nonadecane	268	C19H40	000629-92-5	80
4		Octadecane	254	C18H38	000593-45-3	68
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64



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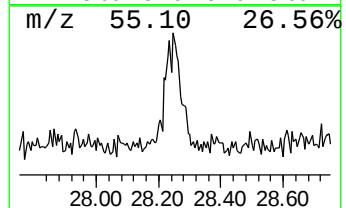
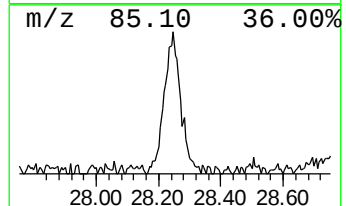
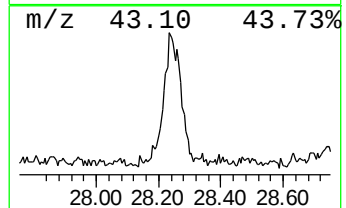
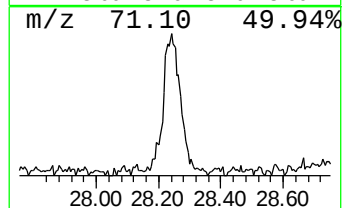
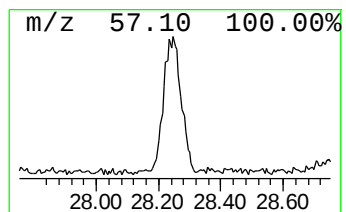
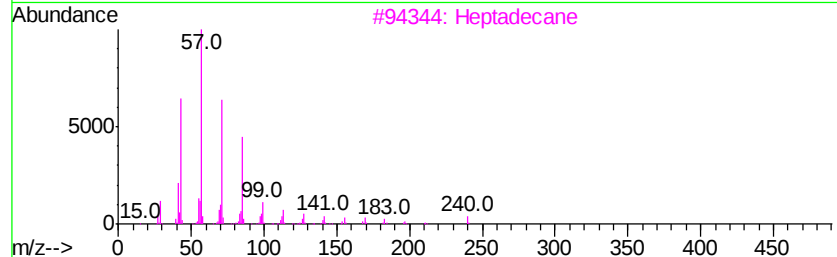
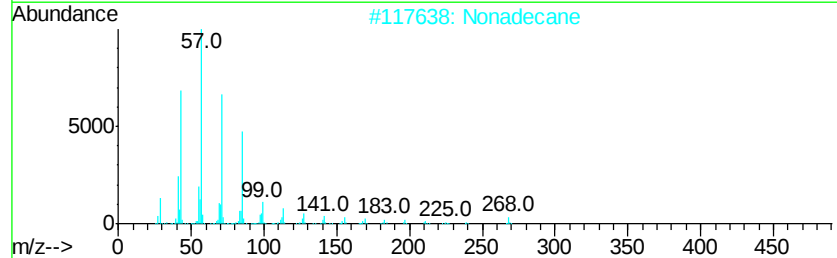
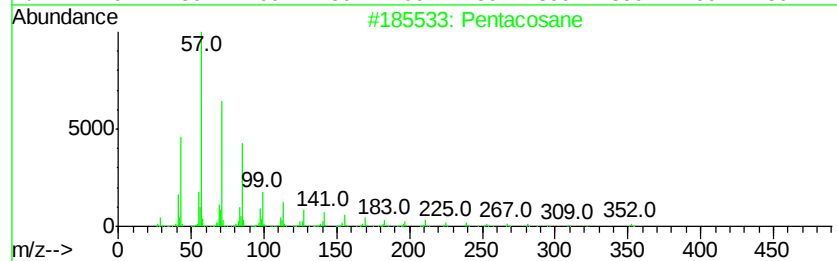
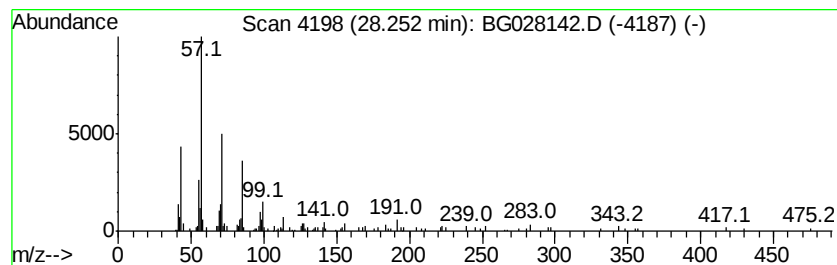
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.25	4.51 ng/ul	233210	Perylene-d12	25.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentacosane	352	C25H52	000629-99-2	86
2			Nonadecane	268	C19H40	000629-92-5	83
3			Heptadecane	240	C17H36	000629-78-7	80
4			Heneicosane	296	C21H44	000629-94-7	80
5			2-Bromo dodecane	248	C12H25Br	013187-99-0	80



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Sample : I4373-10
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AA7

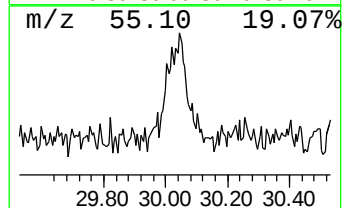
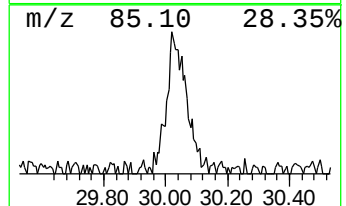
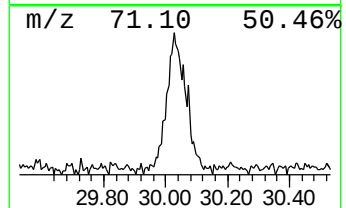
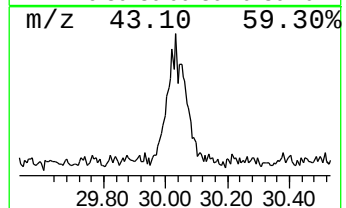
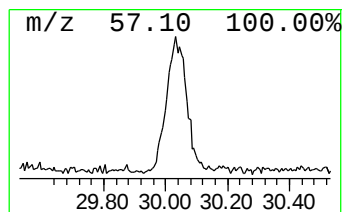
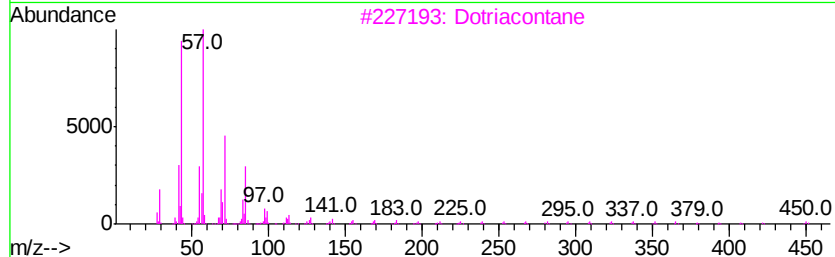
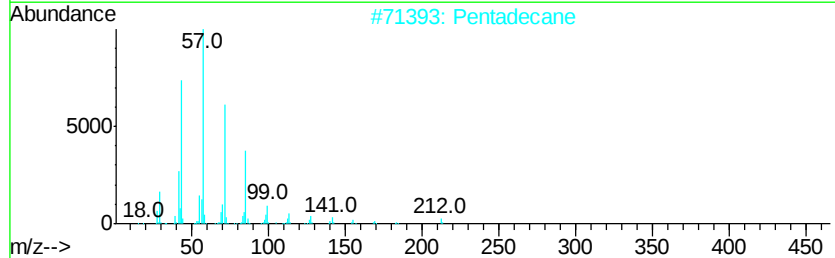
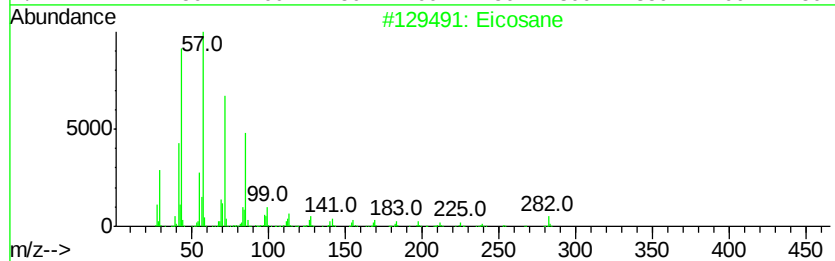
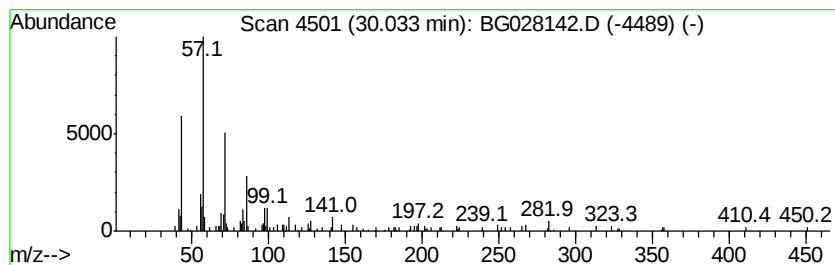
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Quant Title : SVOA CALIBRATION

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.
30.03	3.98 ng/ul	205891	Perylene-d12	25.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Pentadecane	212	C15H32	000629-62-9	93
3		Dotriacontane	451	C32H66	000544-85-4	91
4		Octadecane	254	C18H38	000593-45-3	89
5		Octadecane	254	C18H38	000593-45-3	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG080217\
Data File : BG028142.D
Acq On : 3 Aug 2017 15:29
Operator : SJ/JU
Sample : I4373-10
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AA7

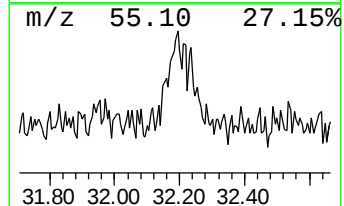
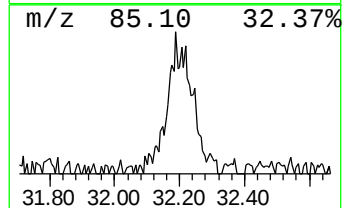
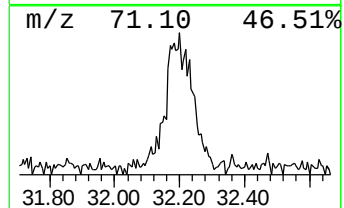
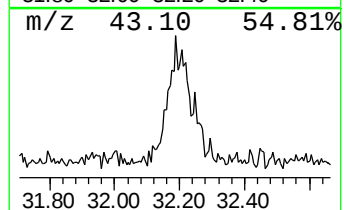
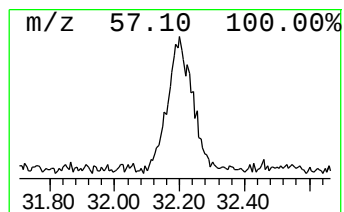
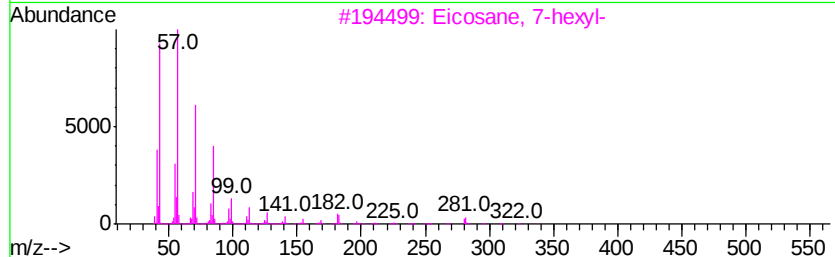
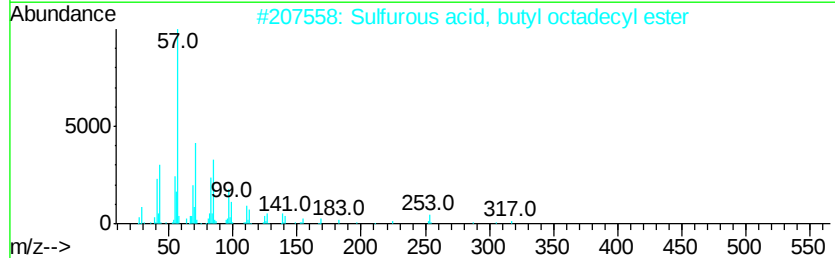
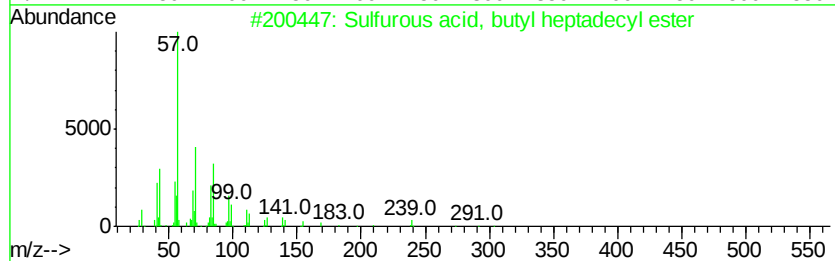
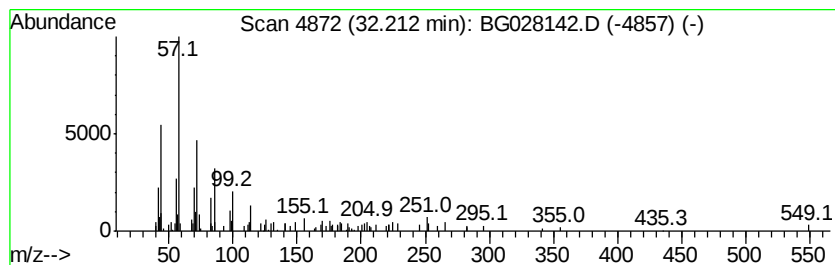
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Sulfurous acid, butyl hepta... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.21	3.73 ng/ul	192942	Perylene-d12	25.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	58
2			Sulfurous acid, butyl octadecyl ...	390	C22H46O3S	1000309-18-5	53
3			Eicosane, 7-hexyl-	366	C26H54	055333-99-8	43
4			Tetradecane	198	C14H30	000629-59-4	38
5			Tetracosane	338	C24H50	000646-31-1	38



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080217\
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Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AA7

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...	24.49	2.7	ng/ul	140360	6	25.57	1034100	20.0
(DEL) Alkane: Str...	26.76	4.0	ng/ul	204378	6	25.57	1034100	20.0
(DEL) Alkane: Str...	28.25	4.5	ng/ul	233210	6	25.57	1034100	20.0
(DEL) Alkane: Str...	30.03	4.0	ng/ul	205891	6	25.57	1034100	20.0
Sulfurous acid, b...	32.21	3.7	ng/ul	192942	6	25.57	1034100	20.0