

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050317\
 Data File : BG026853.D
 Acq On : 3 May 2017 16:06
 Operator : SJ/MA
 Sample : I2871-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YAB18

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-BG042717.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	3.422	52	57	67	rVB	39094	61247	1.55%	0.124%
2	5.532	409	416	421	rBV8	4316	10177	0.26%	0.021%
3	6.213	527	532	539	rBV6	6960	14781	0.37%	0.030%
4	7.059	668	676	681	rBV10	6389	16494	0.42%	0.033%
5	7.094	681	682	689	rVV6	5310	9806	0.25%	0.020%
6	7.183	689	697	714	rVV	629734	1225124	31.06%	2.487%
7	7.329	714	722	735	rVV	586914	964816	24.46%	1.958%
8	7.412	735	736	748	rVB6	4928	12615	0.32%	0.026%
9	7.547	748	759	777	rBV	692917	1225542	31.07%	2.487%
10	8.005	829	837	853	rBV	523175	900456	22.83%	1.828%
11	8.722	952	959	986	rVV	847216	1631184	41.35%	3.311%
12	9.163	1026	1034	1048	rBV	646615	1178238	29.87%	2.391%
13	9.321	1053	1061	1073	rBV4	19842	61907	1.57%	0.126%
14	9.586	1099	1106	1112	rBV2	8324	13123	0.33%	0.027%
15	9.885	1147	1157	1170	rBV	536722	1002091	25.41%	2.034%
16	10.438	1240	1251	1273	rBV	834937	1612682	40.88%	3.273%
17	10.649	1284	1287	1295	rVB9	3353	7691	0.19%	0.016%
18	10.808	1306	1314	1324	rVB	881418	1547220	39.23%	3.140%
19	10.937	1329	1336	1360	rBV	813883	1625667	41.21%	3.300%
20	11.636	1451	1455	1460	rVV6	5087	11517	0.29%	0.023%
21	12.283	1555	1565	1575	rVB5	6416	16800	0.43%	0.034%
22	12.394	1575	1584	1592	rBV	15837	33666	0.85%	0.068%
23	13.228	1720	1726	1730	rBV4	6339	11069	0.28%	0.022%
24	13.364	1741	1749	1754	rBV5	2710	7558	0.19%	0.015%
25	13.440	1754	1762	1770	rVV6	7206	14942	0.38%	0.030%
26	13.516	1770	1775	1785	rVV4	12569	28936	0.73%	0.059%
27	13.604	1785	1790	1798	rVB5	5348	13652	0.35%	0.028%
28	14.022	1853	1861	1865	rBV	1587781	2328372	59.03%	4.726%
29	14.069	1865	1869	1877	rVV	617297	883996	22.41%	1.794%
30	14.133	1877	1880	1888	rVB6	5306	10874	0.28%	0.022%
31	14.216	1888	1894	1899	rVB8	4286	8354	0.21%	0.017%
32	14.315	1899	1911	1921	rBV	1967651	3135490	79.49%	6.364%
33	14.503	1936	1943	1949	rVB	31209	42765	1.08%	0.087%
34	14.621	1953	1963	1978	rVB2	1269443	2084463	52.85%	4.231%

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Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
 Title : SVOA CALIBRATION

35	14.838	1989	2000	2018	rBV	373976	949367	24.07%	1.927%
36	15.062	2035	2038	2043	rVB6	8206	12219	0.31%	0.025%
37	15.114	2043	2047	2055	rVB6	11659	23120	0.59%	0.047%
38	15.191	2057	2060	2064	rVB4	9188	12517	0.32%	0.025%
39	15.402	2092	2096	2101	rVV3	24617	39399	1.00%	0.080%
40	15.455	2101	2105	2110	rVB	75996	96285	2.44%	0.195%
41	15.508	2110	2114	2118	rBV6	7556	11827	0.30%	0.024%
42	15.608	2118	2131	2142	rBV	2450457	3656028	92.69%	7.421%
43	15.731	2144	2152	2166	rBV	575481	885695	22.45%	1.798%
44	15.849	2166	2172	2178	rVV4	50454	104539	2.65%	0.212%
45	15.896	2178	2180	2187	rVV7	9839	15447	0.39%	0.031%
46	15.955	2187	2190	2194	rVV6	12359	16235	0.41%	0.033%
47	16.002	2194	2198	2204	rVB4	13174	19621	0.50%	0.040%
48	16.066	2205	2209	2214	rVB5	12649	17982	0.46%	0.036%
49	16.154	2215	2224	2225	rBV6	4072	8273	0.21%	0.017%
50	16.307	2246	2250	2262	rBV	85701	172100	4.36%	0.349%
51	16.554	2288	2292	2296	rBV5	6010	9167	0.23%	0.019%
52	16.654	2303	2309	2316	rBV5	16469	37900	0.96%	0.077%
53	16.713	2316	2319	2324	rVV6	11903	14118	0.36%	0.029%
54	16.765	2324	2328	2333	rVV7	10600	15175	0.38%	0.031%
55	16.818	2333	2337	2343	rVV5	10834	15300	0.39%	0.031%
56	16.883	2343	2348	2351	rVV6	7359	11082	0.28%	0.022%
57	16.912	2351	2353	2358	rVB6	5500	7492	0.19%	0.015%
58	17.100	2378	2385	2389	rBV	60603	79902	2.03%	0.162%
59	17.153	2389	2394	2404	rVB4	27494	54648	1.39%	0.111%
60	17.253	2406	2411	2419	rVB4	7488	15541	0.39%	0.032%
61	17.353	2421	2428	2437	rBV2	1477606	2217013	56.21%	4.500%
62	17.453	2437	2445	2455	rVV2	2446132	3704144	93.91%	7.518%
63	17.523	2455	2457	2461	rVV5	9266	11465	0.29%	0.023%
64	17.570	2461	2465	2470	rVB6	7008	12606	0.32%	0.026%
65	17.635	2470	2476	2479	rBV6	8744	14215	0.36%	0.029%
66	17.835	2503	2510	2515	rBV	47794	85489	2.17%	0.174%
67	17.935	2524	2527	2536	rVB2	21155	42427	1.08%	0.086%
68	18.005	2536	2539	2547	rVB8	15366	23901	0.61%	0.049%
69	18.111	2553	2557	2563	rBV8	6353	13550	0.34%	0.028%
70	18.234	2573	2578	2587	rBV	169435	311710	7.90%	0.633%
71	18.522	2623	2627	2636	rVB	28209	37766	0.96%	0.077%

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72	18.651	2646	2649	2652	rVB5	9493	8863	0.22%	0.018%
73	19.151	2729	2734	2741	rBV6	15351	24332	0.62%	0.049%
74	19.298	2758	2759	2767	rVB8	6131	7938	0.20%	0.016%
75	19.374	2767	2772	2781	rBV2	34589	66105	1.68%	0.134%
76	19.503	2788	2794	2801	rBV5	44193	88023	2.23%	0.179%
77	19.621	2810	2814	2824	rVB2	23994	41340	1.05%	0.084%
78	19.733	2825	2833	2843	rBV	2699229	3895177	98.75%	7.906%
79	19.838	2848	2851	2857	rVB8	12293	15313	0.39%	0.031%
80	20.126	2896	2900	2904	rBV7	7333	11717	0.30%	0.024%
81	20.256	2918	2922	2925	rBV5	11160	16509	0.42%	0.034%
82	20.314	2930	2932	2936	rBV5	11384	20008	0.51%	0.041%
83	20.391	2941	2945	2951	rBV9	7211	15920	0.40%	0.032%
84	20.626	2982	2985	2989	rVB6	12685	17372	0.44%	0.035%
85	20.737	3002	3004	3008	rVB5	14593	19232	0.49%	0.039%
86	20.820	3015	3018	3022	rBV3	20637	26097	0.66%	0.053%
87	21.160	3073	3076	3080	rVB6	13726	16733	0.42%	0.034%
88	21.436	3108	3123	3125	rBV6	34011	142593	3.62%	0.289%
89	21.601	3144	3151	3162	rVB	1400491	2296461	58.22%	4.661%
90	21.736	3171	3174	3177	rBV4	15633	14439	0.37%	0.029%
91	22.365	3277	3281	3285	rBV6	24243	46461	1.18%	0.094%
92	23.040	3391	3396	3404	rVB2	44282	87143	2.21%	0.177%
93	23.229	3422	3428	3437	rBV2	50215	118232	3.00%	0.240%
94	23.828	3522	3530	3540	rBV4	63773	139960	3.55%	0.284%
95	24.545	3641	3652	3674	rVB2	1407707	3944437	100.00%	8.006%
96	24.756	3677	3688	3708	rBV2	881888	2576055	65.31%	5.229%
97	25.849	3865	3874	3882	rBV3	90187	266488	6.76%	0.541%
98	27.165	4088	4098	4109	rVB3	87678	309678	7.85%	0.629%
99	28.740	4356	4366	4379	rBV6	64172	260434	6.60%	0.529%
100	30.655	4685	4692	4709	rVB6	53320	247369	6.27%	0.502%

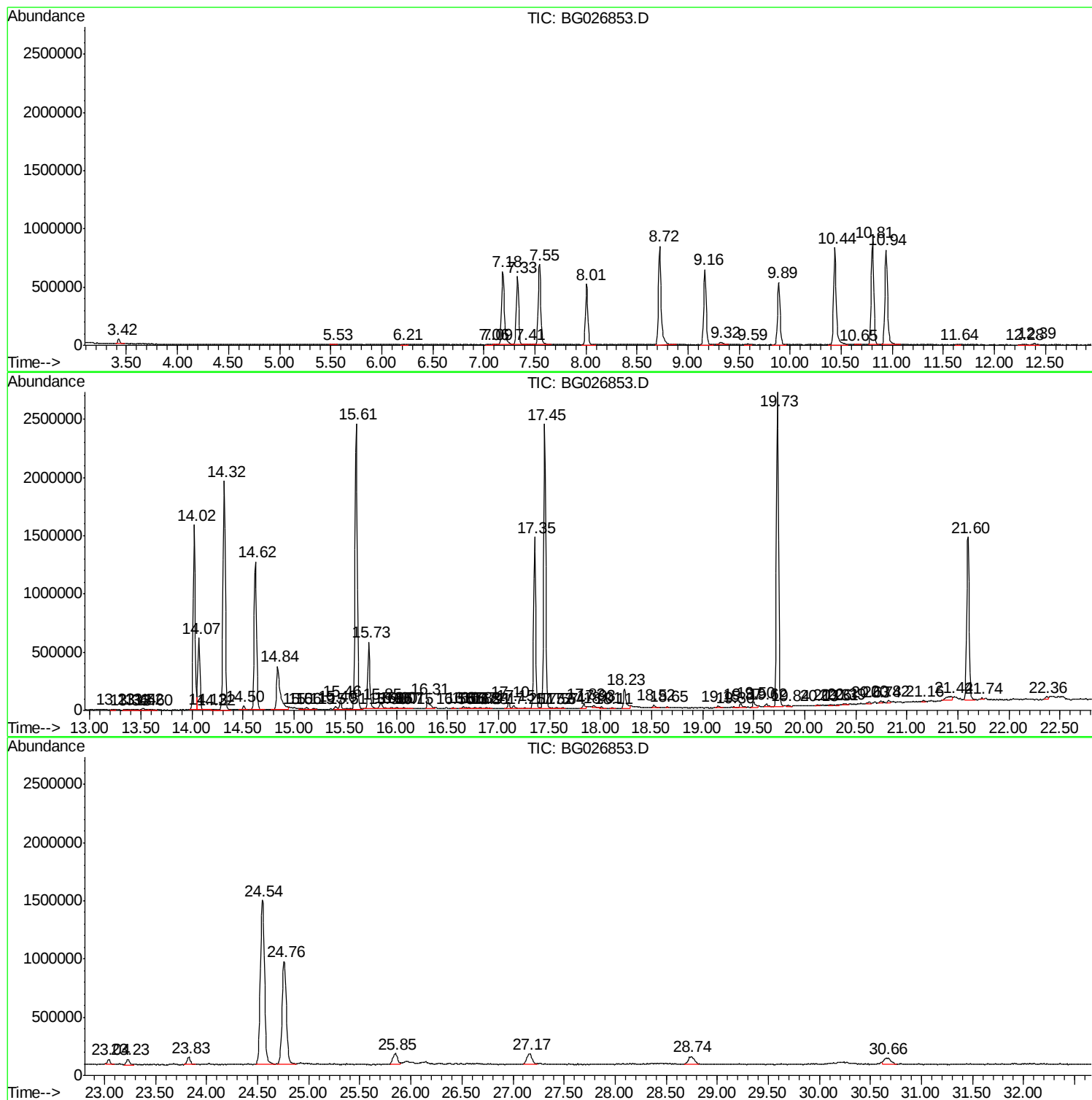
Sum of corrected areas: 49269009

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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



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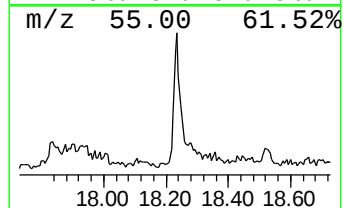
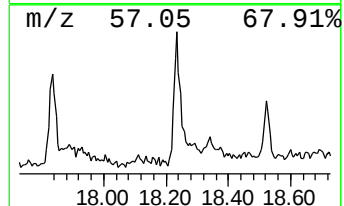
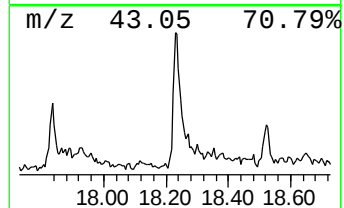
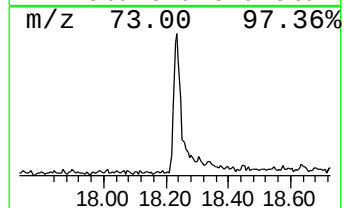
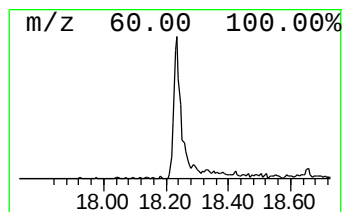
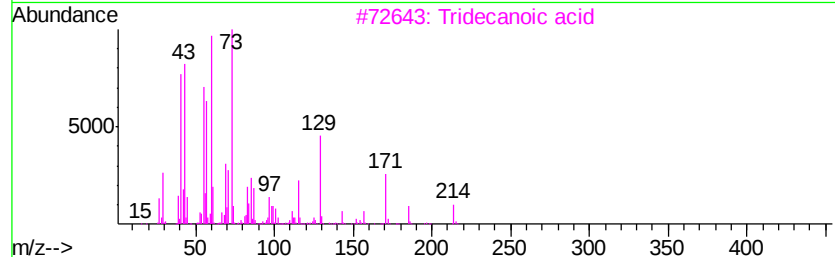
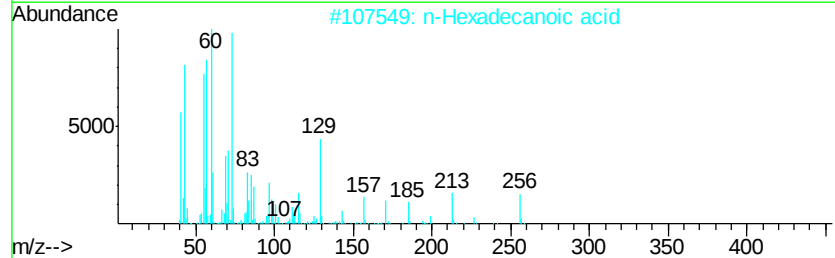
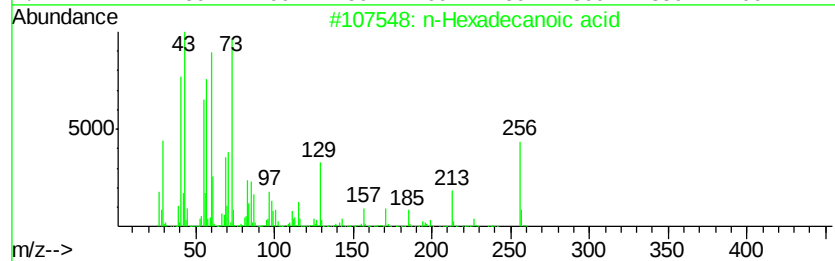
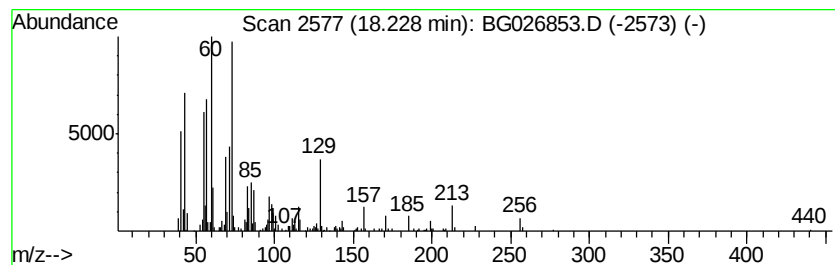
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	2.81 ng/ul	311710	Phenanthrene-d10	17.35

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90	
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	83	



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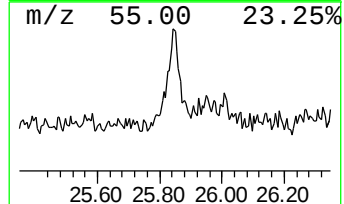
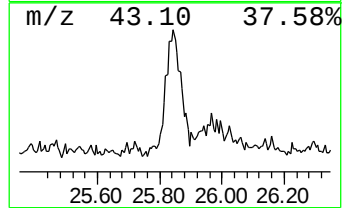
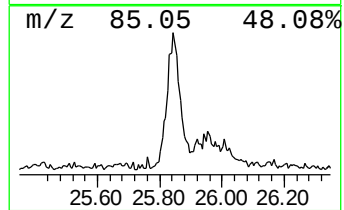
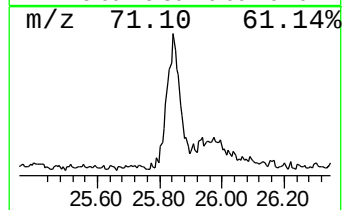
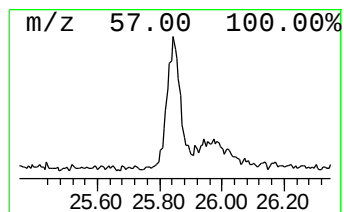
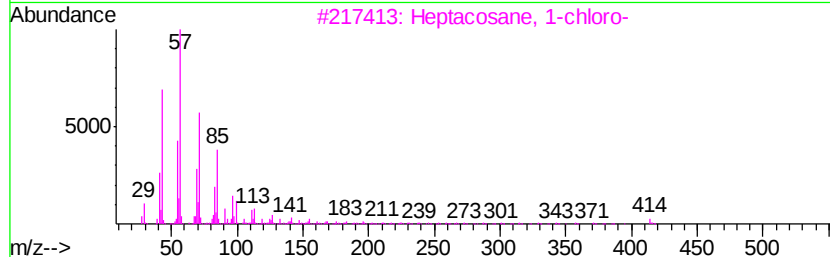
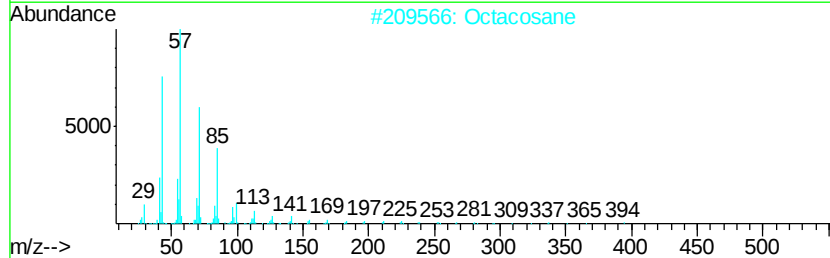
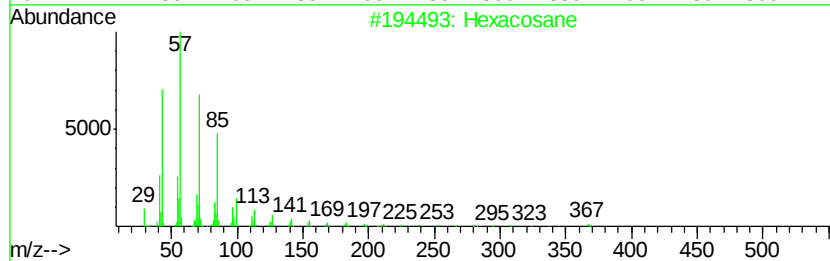
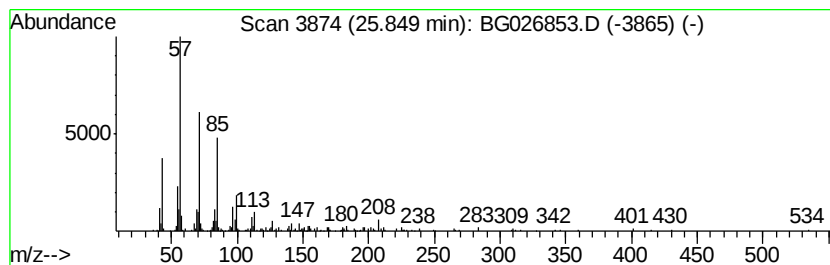
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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.
25.85	2.07 ng/ul	266488	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	90
2		Octacosane	394	C28H58	000630-02-4	90
3		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	86
4		Dodecane, 2-methyl-	184	C13H28	001560-97-0	83
5		Tetracosane	338	C24H50	000646-31-1	83



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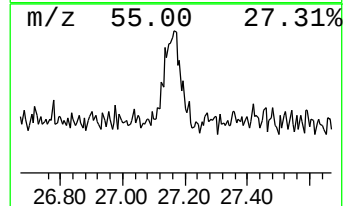
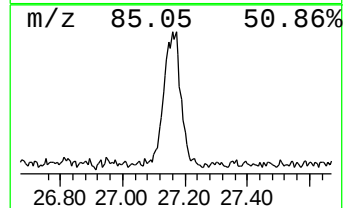
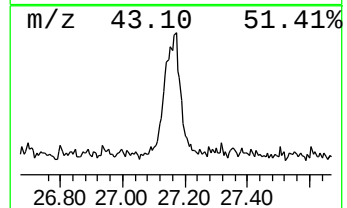
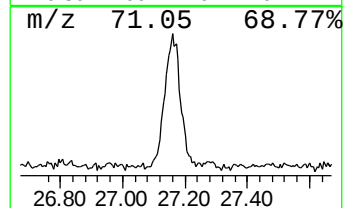
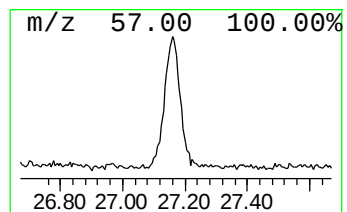
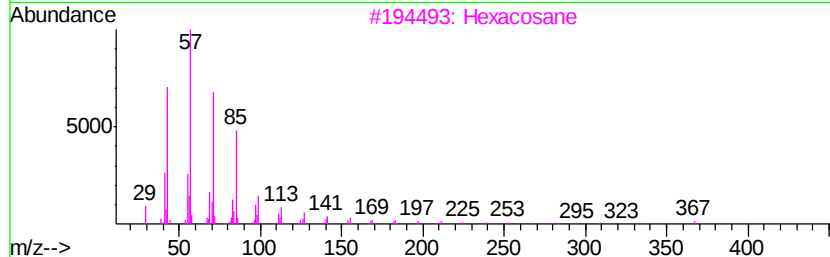
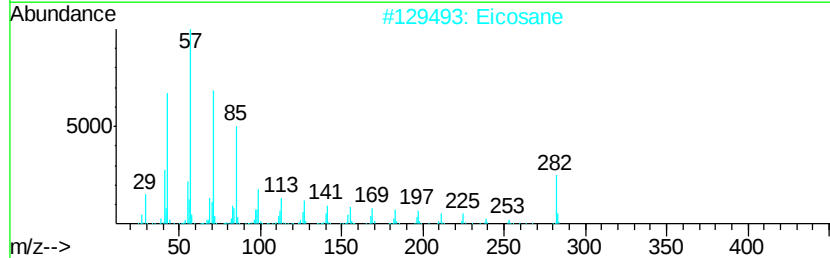
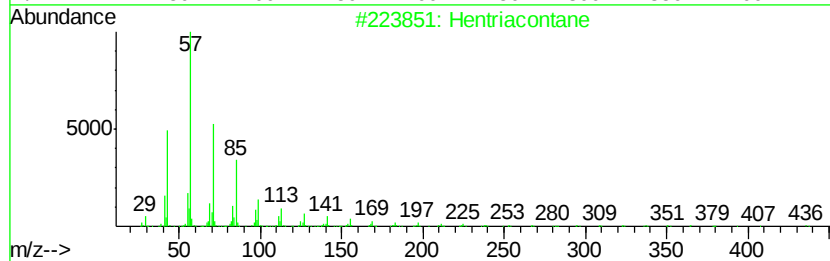
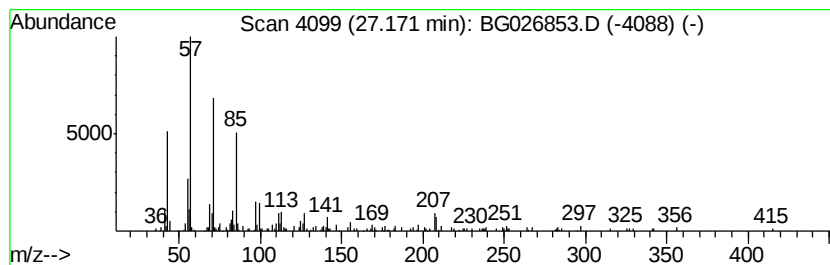
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.17	2.40 ng/ul	309678	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	87
2		Eicosane	282	C20H42	000112-95-8	87
3		Hexacosane	366	C26H54	000630-01-3	86
4		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86
5		Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	86



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050317\
Data File : BG026853.D
Acq On : 3 May 2017 16:06
Operator : SJ/MA
Sample : I2871-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YAB18

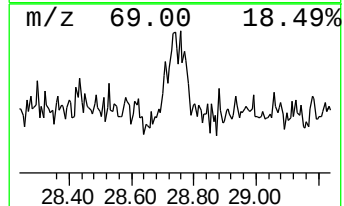
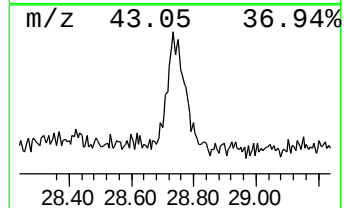
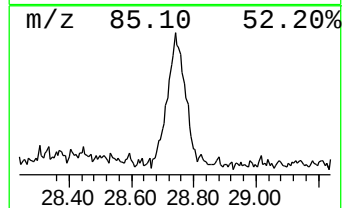
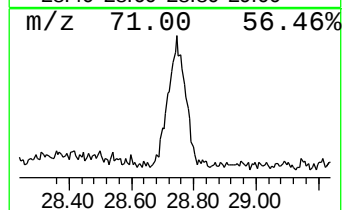
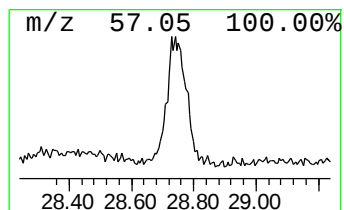
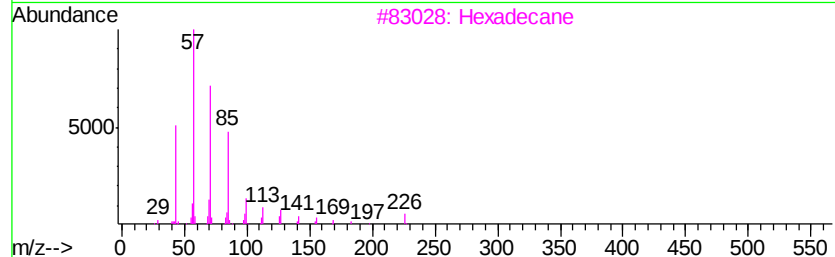
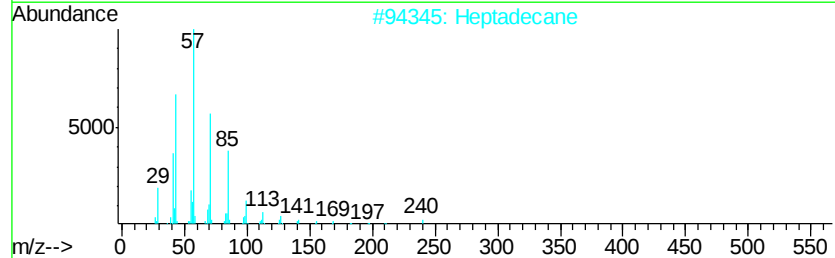
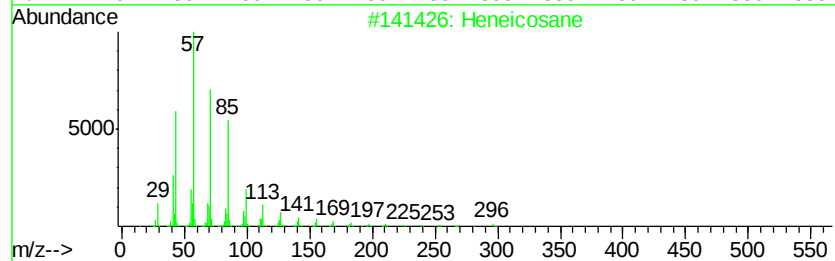
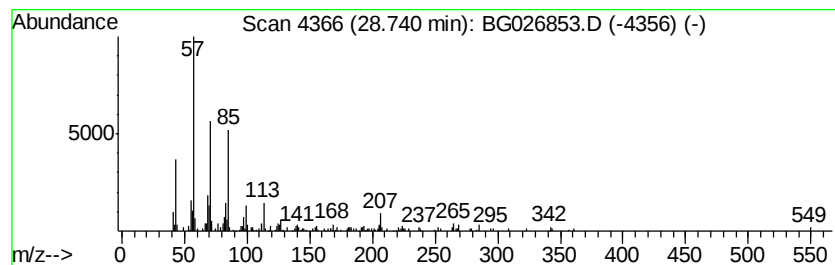
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.74	2.02 ng/ul	260434	Perylene-d12	24.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	93
2			Heptadecane	240	C17H36	000629-78-7	80
3			Hexadecane	226	C16H34	000544-76-3	72
4			Octadecane	254	C18H38	000593-45-3	64
5			Heneicosane	296	C21H44	000629-94-7	64



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Instrument :
BNA_G
ClientSampleId :
YAB18

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.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
n-Hexadecanoic acid	18.23	2.8	ng/ul	311710	4	17.35	2217010	20.0
(DEL) Alkane: Str...	25.85	2.1	ng/ul	266488	6	24.76	2576060	20.0
(DEL) Alkane: Str...	27.17	2.4	ng/ul	309678	6	24.76	2576060	20.0
(DEL) Alkane: Str...	28.74	2.0	ng/ul	260434	6	24.76	2576060	20.0