

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050617\
 Data File : BG026884.D
 Acq On : 6 May 2017 16:07
 Operator : SJ/MA
 Sample : I2884-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YAB37

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	3.181	14	16	21	rVB6	5858	7484	0.22%	0.016%
2	3.428	54	58	70	rVV	34321	56332	1.63%	0.122%
3	3.757	109	114	117	rVB5	2811	5853	0.17%	0.013%
4	4.186	182	187	194	rVB3	13740	22709	0.66%	0.049%
5	4.321	206	210	213	rBV4	3067	5322	0.15%	0.012%
6	5.108	338	344	358	rVB8	4975	15042	0.44%	0.033%
7	6.101	507	513	516	rBV7	3026	6603	0.19%	0.014%
8	6.130	516	518	526	rVB7	3491	6764	0.20%	0.015%
9	6.219	526	533	536	rBV6	4944	10681	0.31%	0.023%
10	6.665	600	609	612	rBV6	2714	7570	0.22%	0.016%
11	7.182	690	697	715	rBV	582274	1193690	34.58%	2.589%
12	7.329	716	722	732	rVB	542243	873676	25.31%	1.895%
13	7.429	735	739	744	rVB5	4778	8682	0.25%	0.019%
14	7.546	748	759	773	rBV	648844	1148684	33.28%	2.492%
15	8.011	828	838	851	rBV	619695	1099152	31.84%	2.384%
16	8.722	950	959	977	rBV	778974	1464383	42.42%	3.177%
17	9.168	1027	1035	1054	rBV	577442	1073915	31.11%	2.330%
18	9.327	1057	1062	1064	rBV4	4516	7148	0.21%	0.016%
19	9.585	1101	1106	1113	rBV2	11650	17652	0.51%	0.038%
20	9.891	1150	1158	1173	rVB	477424	899902	26.07%	1.952%
21	10.437	1242	1251	1273	rBV	747362	1459424	42.28%	3.166%
22	10.807	1303	1314	1326	rVB	1060394	1859598	53.87%	4.034%
23	10.942	1326	1337	1366	rBV	734341	1458679	42.26%	3.164%
24	12.206	1549	1552	1557	rVB4	3183	5626	0.16%	0.012%
25	12.294	1561	1567	1572	rVB4	4772	8176	0.24%	0.018%
26	12.388	1572	1583	1593	rBV2	15378	35148	1.02%	0.076%
27	12.611	1614	1621	1627	rBV6	3507	5559	0.16%	0.012%
28	13.158	1707	1714	1721	rVV6	5263	13093	0.38%	0.028%
29	13.228	1721	1726	1731	rVB3	8193	12439	0.36%	0.027%
30	13.440	1756	1762	1767	rBV	15506	24448	0.71%	0.053%
31	13.516	1771	1775	1783	rVB6	3760	8546	0.25%	0.019%
32	13.598	1783	1789	1793	rBV4	5640	9778	0.28%	0.021%
33	14.021	1853	1861	1865	rVV	1342976	2009074	58.20%	4.358%
34	14.068	1865	1869	1877	rVV	520590	752653	21.80%	1.633%

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35	14.139	1877	1881	1884	rVB4	6680	11418	0.33%	0.025%
36	14.209	1889	1893	1899	rVB4	5097	7920	0.23%	0.017%
37	14.315	1899	1911	1922	rBV	1755979	2719785	78.79%	5.900%
38	14.509	1937	1944	1950	rBV	40713	53922	1.56%	0.117%
39	14.621	1953	1963	1977	rVB2	1438988	2345890	67.96%	5.089%
40	14.844	1994	2001	2025	rBV	250726	772182	22.37%	1.675%
41	15.002	2025	2028	2032	rVB6	8443	12779	0.37%	0.028%
42	15.061	2034	2038	2042	rVB4	9345	15304	0.44%	0.033%
43	15.114	2043	2047	2055	rVB7	12970	25721	0.75%	0.056%
44	15.190	2055	2060	2065	rVB4	8780	13369	0.39%	0.029%
45	15.408	2090	2097	2099	rBV3	11655	16428	0.48%	0.036%
46	15.455	2099	2105	2110	rVB	64303	89303	2.59%	0.194%
47	15.508	2110	2114	2119	rBV5	5683	9560	0.28%	0.021%
48	15.608	2119	2131	2141	rBV	2032633	3113703	90.20%	6.755%
49	15.731	2142	2152	2163	rBV	369993	584675	16.94%	1.268%
50	15.848	2166	2172	2178	rVV3	40251	73370	2.13%	0.159%
51	15.896	2178	2180	2184	rVB4	8468	9404	0.27%	0.020%
52	15.948	2184	2189	2194	rVB7	12160	16943	0.49%	0.037%
53	16.007	2194	2199	2204	rBV6	10529	17867	0.52%	0.039%
54	16.072	2204	2210	2217	rBV5	12134	20013	0.58%	0.043%
55	16.313	2245	2251	2260	rBV	78053	127831	3.70%	0.277%
56	16.383	2261	2263	2272	rVB9	4780	12102	0.35%	0.026%
57	16.554	2289	2292	2301	rVB9	6574	15565	0.45%	0.034%
58	16.653	2304	2309	2318	rBV10	11741	31920	0.92%	0.069%
59	16.712	2318	2319	2323	rVV4	8625	6841	0.20%	0.015%
60	16.771	2323	2329	2333	rVV8	9989	17734	0.51%	0.038%
61	16.818	2333	2337	2344	rVV7	8628	15445	0.45%	0.034%
62	16.883	2344	2348	2351	rVV4	6540	10487	0.30%	0.023%
63	17.100	2380	2385	2389	rBV	41722	54440	1.58%	0.118%
64	17.153	2389	2394	2398	rVB4	16403	27763	0.80%	0.060%
65	17.259	2407	2412	2416	rVB7	8310	14557	0.42%	0.032%
66	17.358	2421	2429	2439	rBV2	1553968	2426441	70.29%	5.264%
67	17.453	2439	2445	2455	rVV2	2016626	3048188	88.30%	6.612%
68	17.635	2469	2476	2484	rBV2	8775	19489	0.56%	0.042%
69	17.752	2491	2496	2498	rBV6	5172	6192	0.18%	0.013%
70	17.834	2504	2510	2517	rBV4	14567	24196	0.70%	0.052%
71	17.899	2517	2521	2524	rBV5	3545	6965	0.20%	0.015%

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72	18.005	2536	2539	2546	rVB9	10371	18448	0.53%	0.040%
73	18.116	2549	2558	2563	rBV9	7631	21311	0.62%	0.046%
74	18.193	2568	2571	2573	rBV4	8630	6605	0.19%	0.014%
75	18.234	2573	2578	2588	rBV2	214890	391430	11.34%	0.849%
76	18.528	2623	2628	2634	rBV8	17041	31513	0.91%	0.068%
77	18.727	2660	2662	2664	rVB3	7853	6512	0.19%	0.014%
78	18.904	2688	2692	2694	rBV5	4388	5157	0.15%	0.011%
79	19.074	2719	2721	2724	rBV4	6414	7904	0.23%	0.017%
80	19.127	2726	2730	2731	rBV4	5426	7478	0.22%	0.016%
81	19.151	2731	2734	2740	rVB8	15906	24313	0.70%	0.053%
82	19.198	2740	2742	2745	rBV4	6308	10037	0.29%	0.022%
83	19.374	2766	2772	2783	rBV2	34619	80172	2.32%	0.174%
84	19.503	2790	2794	2802	rBV5	52596	109724	3.18%	0.238%
85	19.626	2810	2815	2824	rVB3	24941	50223	1.45%	0.109%
86	19.738	2827	2834	2845	rBV	2253520	3294934	95.45%	7.148%
87	20.255	2918	2922	2929	rBV3	32454	41596	1.21%	0.090%
88	20.743	3001	3005	3012	rBV2	32715	46169	1.34%	0.100%
89	21.601	3144	3151	3163	rVB	1560418	2510352	72.72%	5.446%
90	22.370	3278	3282	3285	rBV3	30899	36195	1.05%	0.079%
91	22.429	3287	3292	3299	rVB3	26511	55025	1.59%	0.119%
92	23.046	3392	3397	3407	rVB2	62400	125945	3.65%	0.273%
93	23.234	3424	3429	3435	rVB2	51628	96308	2.79%	0.209%
94	23.822	3524	3529	3538	rVB2	89183	187954	5.44%	0.408%
95	24.550	3641	3653	3670	rBV2	1166610	3451938	100.00%	7.488%
96	24.767	3678	3690	3710	rVB2	937214	2843445	82.37%	6.168%
97	25.849	3866	3874	3885	rBV	106853	297351	8.61%	0.645%
98	27.171	4088	4099	4113	rVB4	101506	371704	10.77%	0.806%
99	28.745	4359	4367	4385	rVB3	75338	310212	8.99%	0.673%
100	30.672	4686	4695	4712	rVB6	58418	268538	7.78%	0.583%

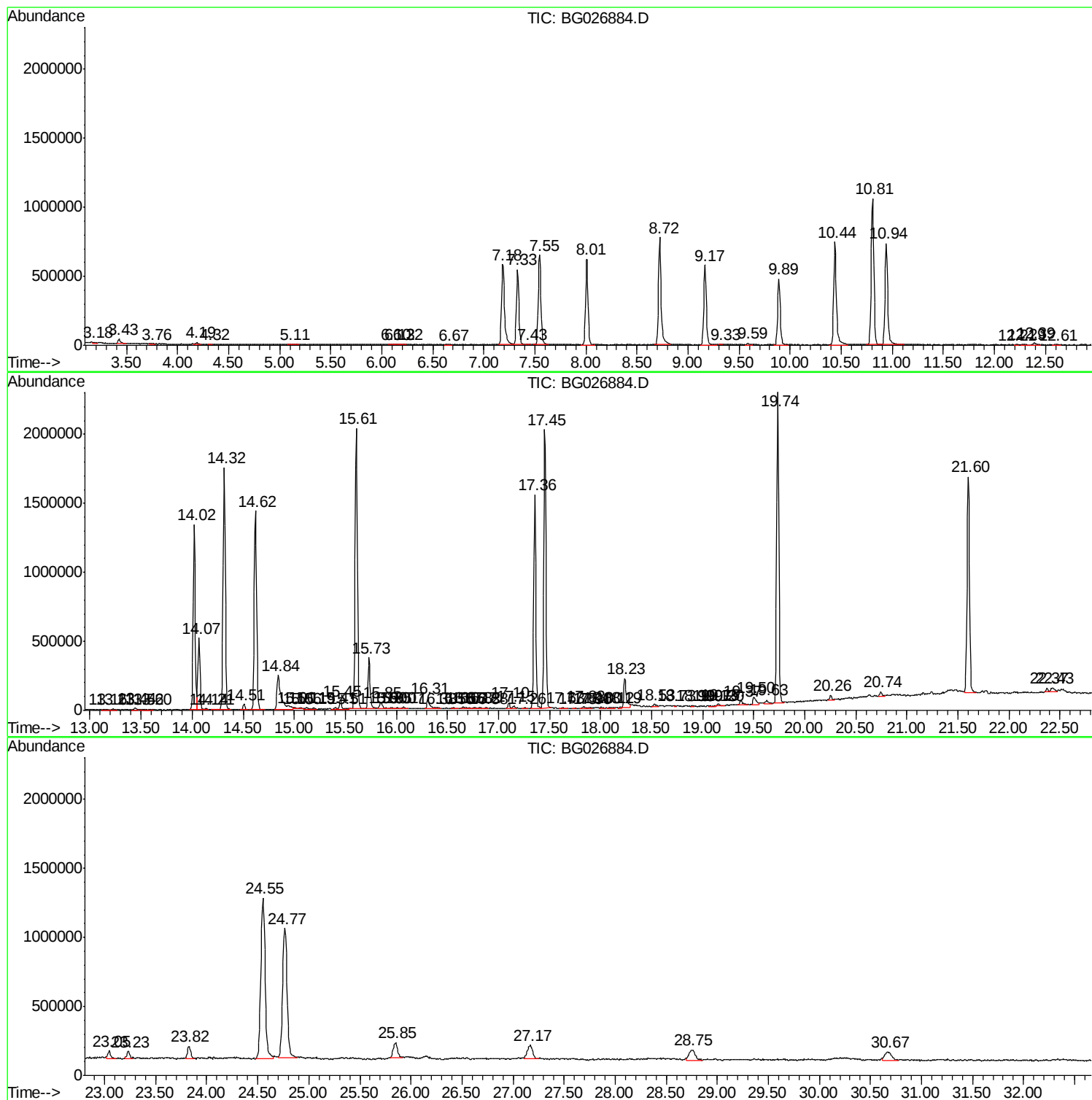
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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



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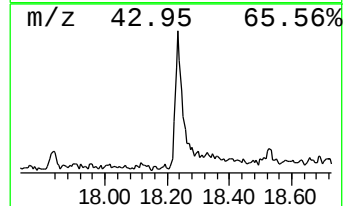
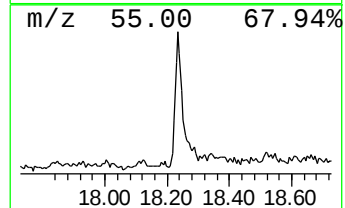
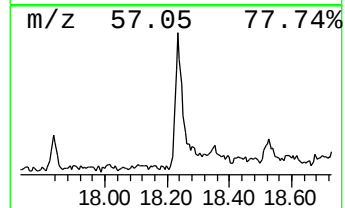
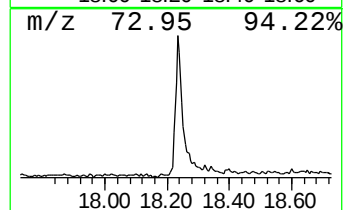
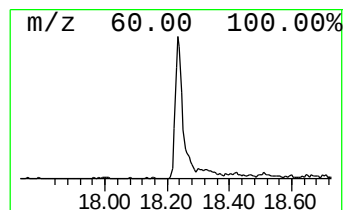
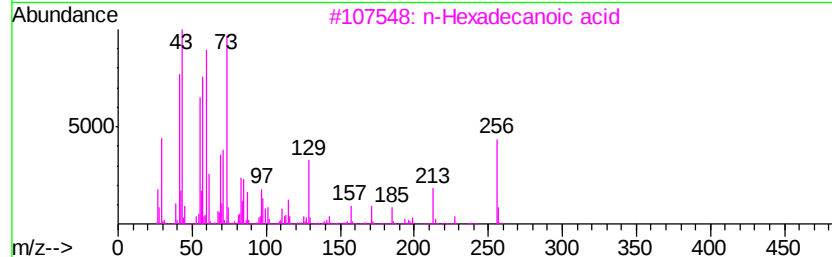
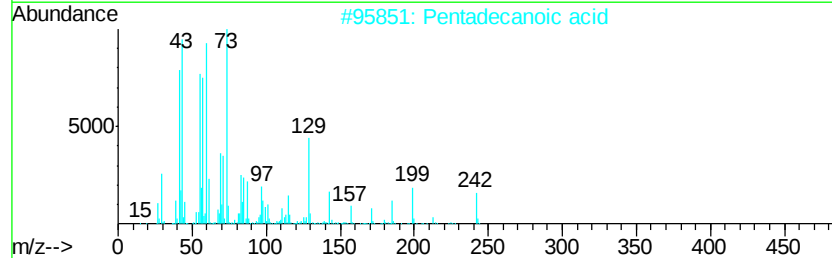
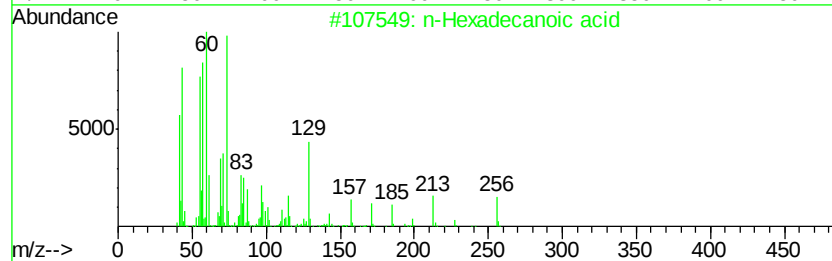
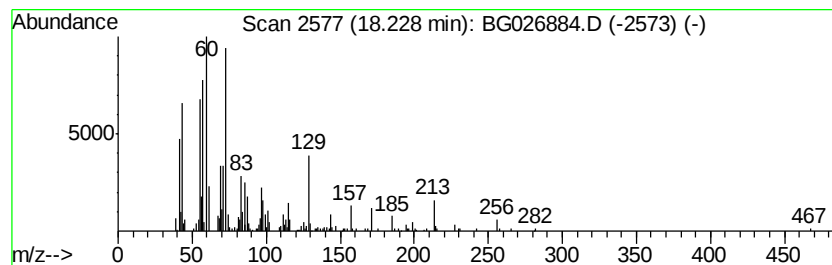
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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	3.23 ng/ul	391430	Phenanthrene-d10	17.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	94
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	91
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	86



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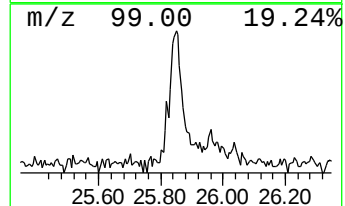
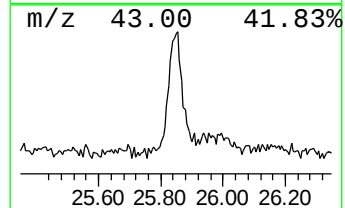
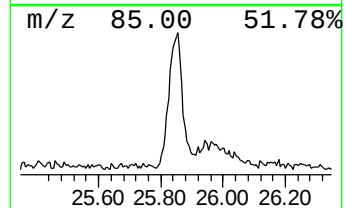
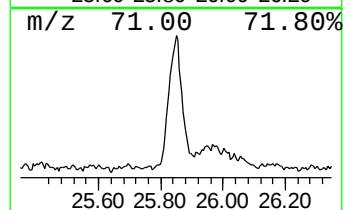
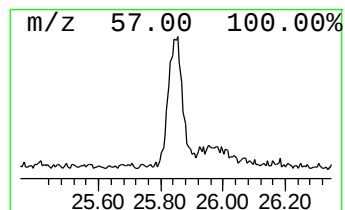
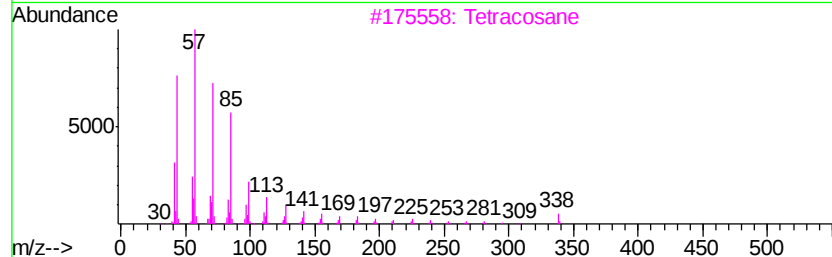
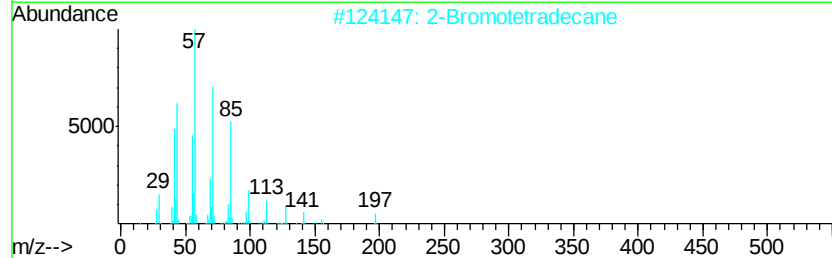
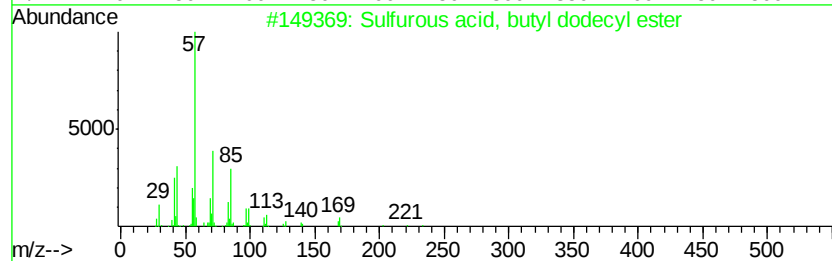
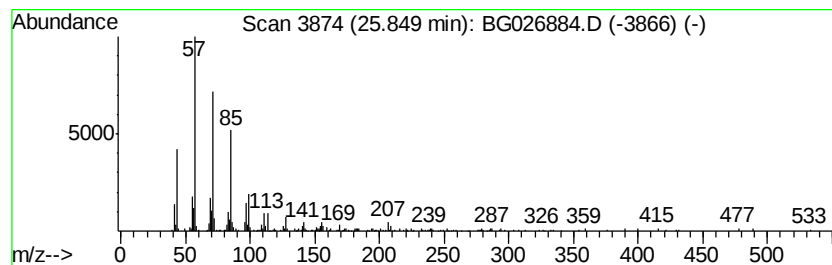
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Sulfurous acid, butyl dodec... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.85	2.09 ng/ul	297351	Perylene-d12	24.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	86
2		2-Bromotetradecane	276	C14H29Br	074036-95-6	80
3		Tetracosane	338	C24H50	000646-31-1	80
4		Heneicosane	296	C21H44	000629-94-7	80
5		Octadecane	254	C18H38	000593-45-3	72



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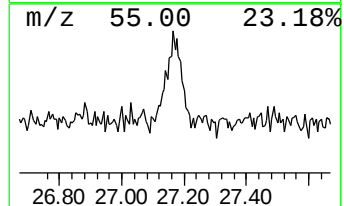
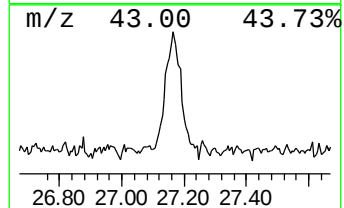
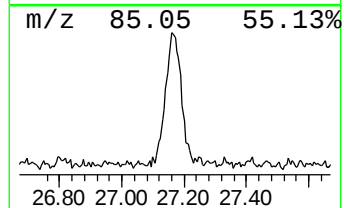
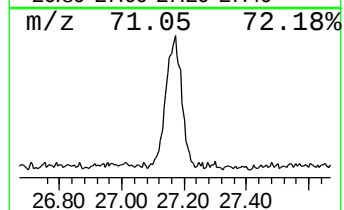
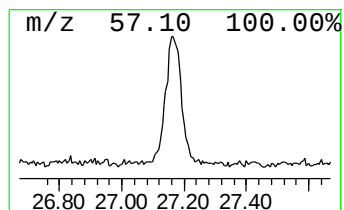
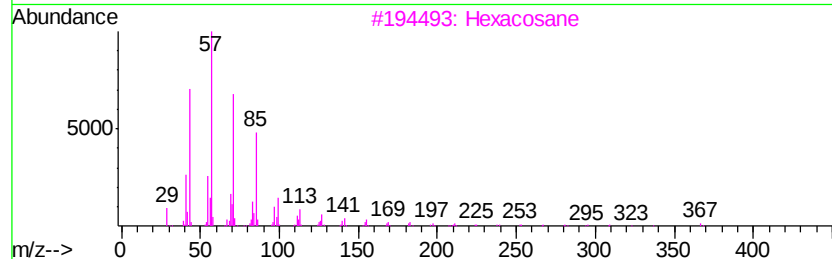
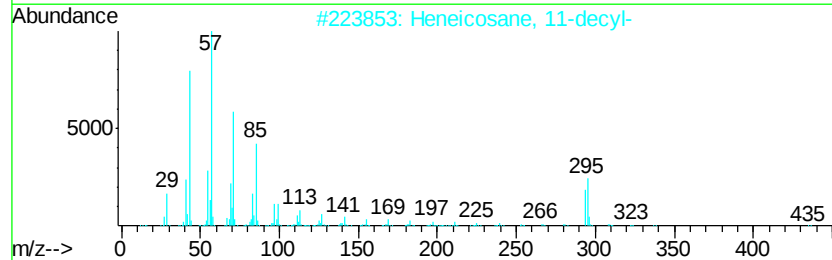
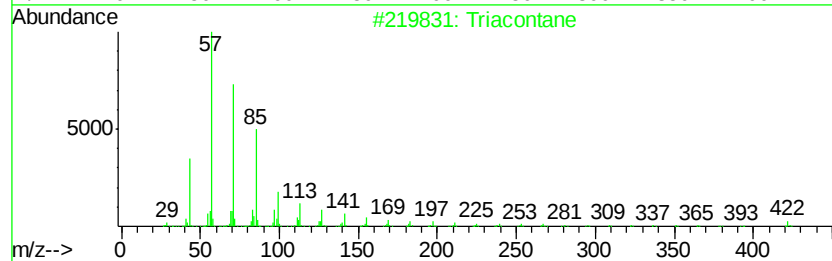
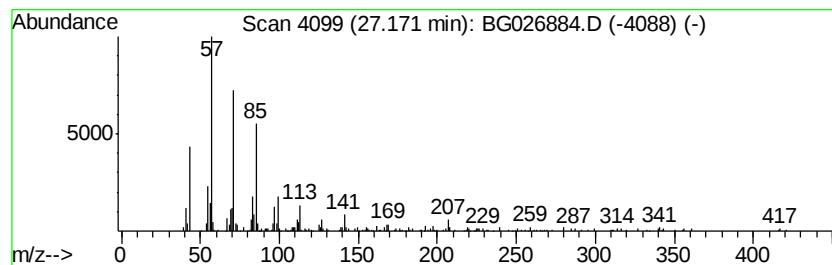
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.17	2.61 ng/ul	371704	Perylene-d12	24.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	87
2		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	87
3		Hexacosane	366	C26H54	000630-01-3	87
4		Tetracosane	338	C24H50	000646-31-1	86
5		Heptacosane	380	C27H56	000593-49-7	86



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050617\
Data File : BG026884.D
Acq On : 6 May 2017 16:07
Operator : SJ/MA
Sample : I2884-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YAB37

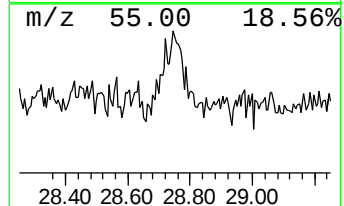
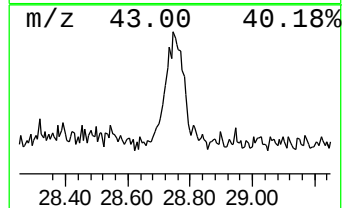
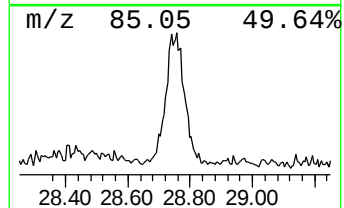
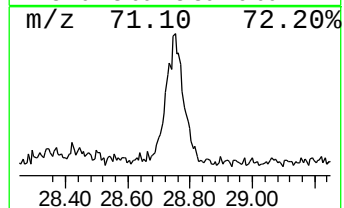
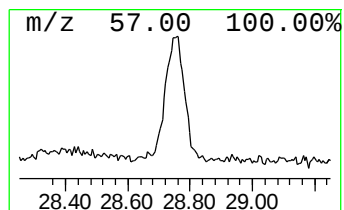
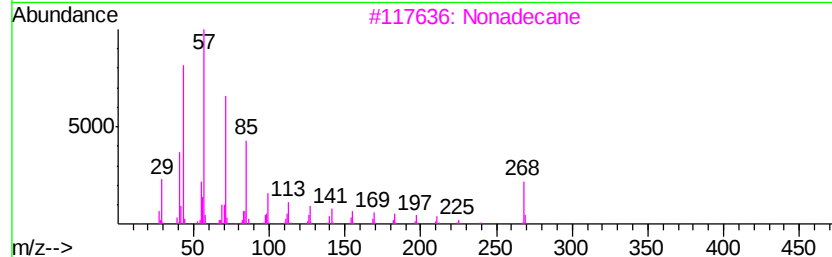
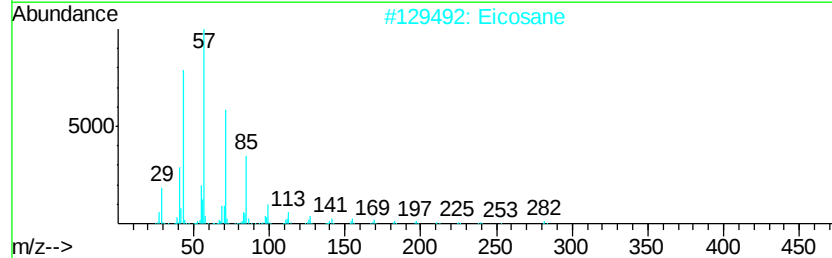
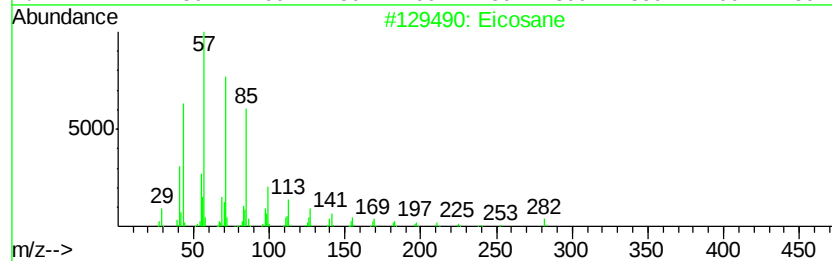
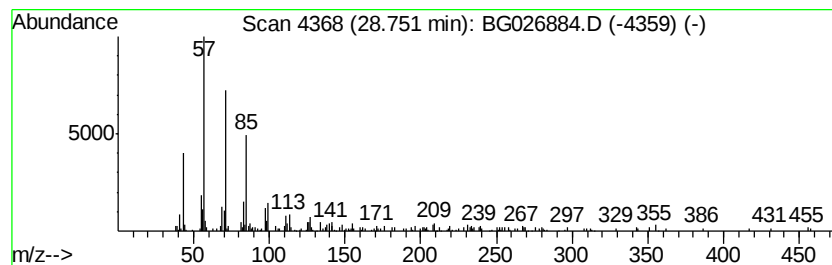
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.75	2.18 ng/ul	310212	Perylene-d12	24.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane			282	C20H42	000112-95-8	90
2	Eicosane			282	C20H42	000112-95-8	81
3	Nonadecane			268	C19H40	000629-92-5	74
4	Hexacosane			366	C26H54	000630-01-3	74
5	Eicosane			282	C20H42	000112-95-8	74



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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.23	3.2	ng/ul	391430	4	17.35	2426440	20.0
Sulfurous acid, b...	25.85	2.1	ng/ul	297351	6	24.77	2843450	20.0
(DEL) Alkane: Str...	27.17	2.6	ng/ul	371704	6	24.77	2843450	20.0
(DEL) Alkane: Str...	28.75	2.2	ng/ul	310212	6	24.77	2843450	20.0