

Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
 Data File : BG028566.D
 Acq On : 30 Aug 2017 23:38
 Operator : SJ/JU
 Sample : I4917-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0B39

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	3.824	34	40	47	rVV3	11783	19135	1.27%	0.113%
2	4.035	71	76	79	rBV4	2185	3951	0.26%	0.023%
3	4.758	196	199	202	rVB2	5155	6468	0.43%	0.038%
4	4.911	219	225	232	rBV6	2812	6658	0.44%	0.039%
5	5.157	262	267	274	rBV5	2669	5783	0.38%	0.034%
6	5.439	311	315	321	rVB4	2663	5392	0.36%	0.032%
7	5.798	372	376	380	rBV3	3384	5414	0.36%	0.032%
8	6.409	475	480	486	rBV3	3755	6349	0.42%	0.037%
9	6.544	499	503	511	rVB5	2618	4607	0.31%	0.027%
10	7.337	629	638	648	rBV7	3762	12383	0.82%	0.073%
11	7.496	656	665	681	rBV2	234675	480492	31.83%	2.836%
12	7.655	684	692	705	rBV	165920	287785	19.06%	1.699%
13	7.878	720	730	744	rVB	224654	407994	27.02%	2.408%
14	8.342	802	809	820	rBV	160246	284924	18.87%	1.682%
15	9.041	918	928	950	rVV	285211	544164	36.04%	3.212%
16	9.511	996	1008	1019	rBV	232710	442217	29.29%	2.610%
17	9.605	1019	1024	1028	rVV3	5501	10418	0.69%	0.061%
18	9.646	1028	1031	1037	rVB6	5041	8765	0.58%	0.052%
19	9.870	1062	1069	1076	rVB3	3377	5548	0.37%	0.033%
20	10.234	1121	1131	1142	rBV	201371	388561	25.74%	2.293%
21	10.780	1212	1224	1240	rBV2	298764	576789	38.20%	3.404%
22	11.162	1280	1289	1299	rVV	236057	436665	28.92%	2.577%
23	11.291	1302	1311	1327	rBV	232984	476308	31.55%	2.811%
24	12.613	1530	1536	1541	rVB2	2328	3993	0.26%	0.024%
25	12.719	1548	1554	1562	rVB4	5046	10168	0.67%	0.060%
26	13.295	1647	1652	1657	rBV4	2711	4879	0.32%	0.029%
27	13.542	1685	1694	1698	rBV3	2938	5511	0.37%	0.033%
28	13.601	1698	1704	1709	rVB3	1818	3681	0.24%	0.022%
29	13.742	1721	1728	1732	rBV3	2892	5022	0.33%	0.030%
30	13.824	1736	1742	1745	rBV	2651	4147	0.27%	0.024%
31	14.341	1820	1830	1834	rBV	570626	845759	56.02%	4.992%
32	14.388	1834	1838	1850	rVB	187528	270626	17.93%	1.597%
33	14.652	1872	1883	1893	rBV	608657	990206	65.59%	5.845%
34	14.805	1901	1909	1914	rVB	13444	20023	1.33%	0.118%

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35	14.952	1926	1934	1942	rVV3	369143	607492	40.24%	3.586%
36	15.158	1961	1969	1989	rBV	156231	359896	23.84%	2.124%
37	15.299	1990	1993	1998	rVV6	4681	10048	0.67%	0.059%
38	15.369	1998	2005	2008	rVV3	5222	12128	0.80%	0.072%
39	15.416	2008	2013	2020	rVB7	5733	9058	0.60%	0.053%
40	15.481	2022	2024	2031	rBV4	2477	3643	0.24%	0.022%
41	15.751	2065	2070	2075	rVB	23559	34502	2.29%	0.204%
42	15.816	2075	2081	2085	rBV5	3283	7148	0.47%	0.042%
43	15.863	2085	2089	2094	rVB5	2250	3806	0.25%	0.022%
44	15.945	2094	2103	2112	rBV	808524	1248439	82.69%	7.369%
45	16.068	2117	2124	2132	rBV	231898	374657	24.82%	2.211%
46	16.150	2134	2138	2140	rBV4	5941	8756	0.58%	0.052%
47	16.180	2140	2143	2151	rVB6	10634	21080	1.40%	0.124%
48	16.250	2151	2155	2159	rBV5	4134	5224	0.35%	0.031%
49	16.309	2161	2165	2168	rBV5	3550	5172	0.34%	0.031%
50	16.374	2173	2176	2185	rVB5	6425	10777	0.71%	0.064%
51	16.609	2212	2216	2228	rVV	25059	48624	3.22%	0.287%
52	16.744	2236	2239	2243	rBV4	2328	4991	0.33%	0.029%
53	16.808	2244	2250	2255	rVB7	3281	7731	0.51%	0.046%
54	16.891	2260	2264	2267	rBV5	2922	4729	0.31%	0.028%
55	17.026	2284	2287	2292	rVB4	3300	5161	0.34%	0.030%
56	17.061	2292	2293	2300	rBV4	3237	6087	0.40%	0.036%
57	17.114	2300	2302	2307	rVB4	3587	5273	0.35%	0.031%
58	17.232	2319	2322	2324	rVB4	4420	4581	0.30%	0.027%
59	17.373	2342	2346	2348	rBV5	2741	4735	0.31%	0.028%
60	17.408	2348	2352	2356	rVB2	17878	21926	1.45%	0.129%
61	17.455	2356	2360	2364	rBV5	5571	9097	0.60%	0.054%
62	17.561	2374	2378	2381	rVB5	4390	6778	0.45%	0.040%
63	17.702	2395	2402	2413	rBV2	441200	714018	47.29%	4.214%
64	17.807	2413	2420	2427	rVB	811281	1280903	84.84%	7.560%
65	17.878	2430	2432	2439	rVB7	3991	6149	0.41%	0.036%
66	17.960	2440	2446	2448	rBV6	3106	5296	0.35%	0.031%
67	18.013	2453	2455	2459	rBV4	2480	4239	0.28%	0.025%
68	18.148	2473	2478	2482	rBV6	6615	10644	0.71%	0.063%
69	18.324	2505	2508	2511	rVV5	3455	3794	0.25%	0.022%
70	18.442	2521	2528	2529	rBV5	2990	5360	0.36%	0.032%
71	18.548	2541	2546	2555	rBV2	76207	136361	9.03%	0.805%

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72	18.630	2556	2560	2563	rVB4	7446	9287	0.62%	0.055%
73	18.759	2580	2582	2584	rVB3	4176	3667	0.24%	0.022%
74	18.789	2585	2587	2591	rVV5	3095	3930	0.26%	0.023%
75	18.836	2591	2595	2596	rVB4	4153	3620	0.24%	0.021%
76	18.930	2603	2611	2614	rBV7	9883	20573	1.36%	0.121%
77	19.076	2635	2636	2639	rVB3	4986	3615	0.24%	0.021%
78	19.288	2668	2672	2675	rBV5	7022	12340	0.82%	0.073%
79	19.400	2688	2691	2695	rBV5	7702	9900	0.66%	0.058%
80	19.517	2709	2711	2713	rBV3	3681	3627	0.24%	0.021%
81	19.541	2713	2715	2718	rVV4	4340	5426	0.36%	0.032%
82	19.611	2721	2727	2730	rBV7	6652	12636	0.84%	0.075%
83	19.717	2740	2745	2751	rBV	9764	18780	1.24%	0.111%
84	19.805	2757	2760	2768	rBV7	24826	39253	2.60%	0.232%
85	19.946	2779	2784	2793	rBV2	91269	122556	8.12%	0.723%
86	20.081	2799	2807	2816	rBV	1002698	1509767	100.00%	8.911%
87	20.351	2850	2853	2854	rBV3	5778	5964	0.40%	0.035%
88	20.992	2958	2962	2971	rVB2	38843	53335	3.53%	0.315%
89	21.062	2972	2974	2977	rBV4	9084	10698	0.71%	0.063%
90	21.098	2979	2980	2987	rBV7	12783	17712	1.17%	0.105%
91	21.603	3062	3066	3075	rBV7	26437	53954	3.57%	0.318%
92	21.756	3090	3092	3097	rBV6	13313	17995	1.19%	0.106%
93	22.038	3132	3140	3150	rBV	461246	835206	55.32%	4.930%
94	24.452	3546	3551	3557	rVB9	21178	50364	3.34%	0.297%
95	25.310	3686	3697	3710	rVB2	486086	1467216	97.18%	8.660%
96	25.487	3722	3727	3728	rBV4	20967	32552	2.16%	0.192%
97	25.557	3729	3739	3750	rVB2	248759	795174	52.67%	4.693%
98	26.703	3929	3934	3944	rVB8	37685	105750	7.00%	0.624%
99	28.189	4176	4187	4195	rVB9	30061	96083	6.36%	0.567%
100	30.581	4592	4594	4597	rBV4	12103	12384	0.82%	0.073%

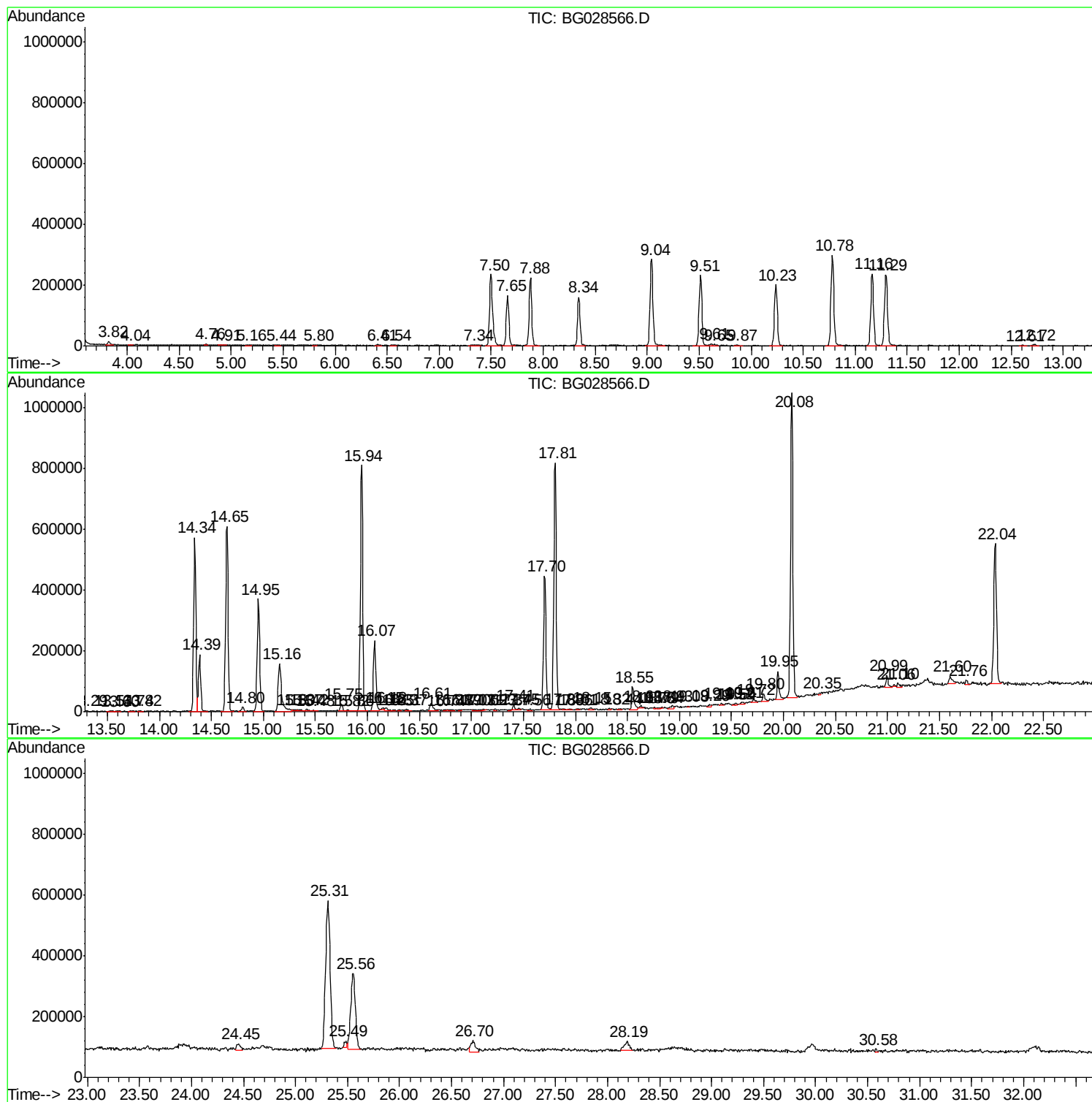
Sum of corrected areas: 16942452

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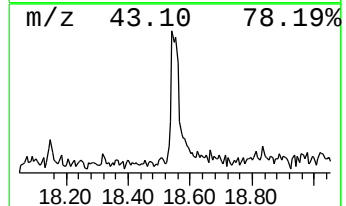
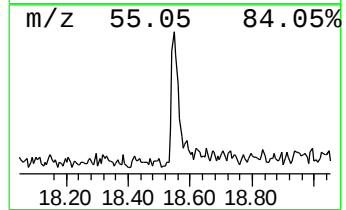
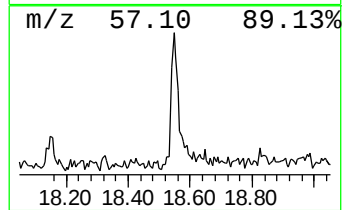
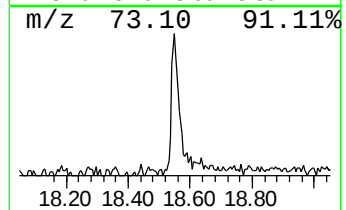
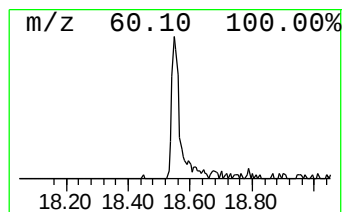
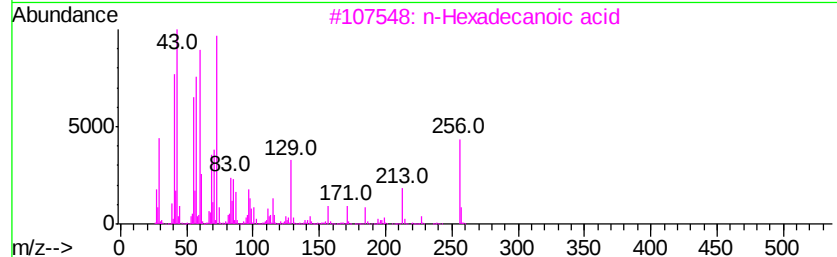
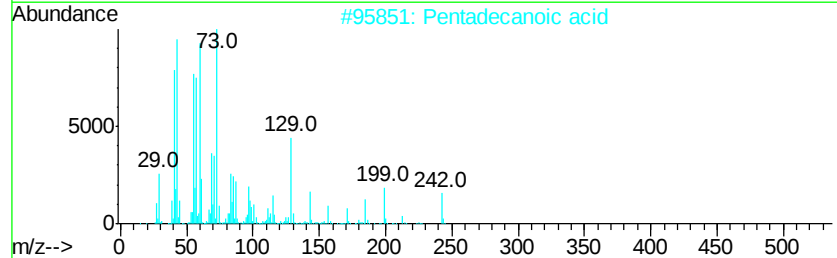
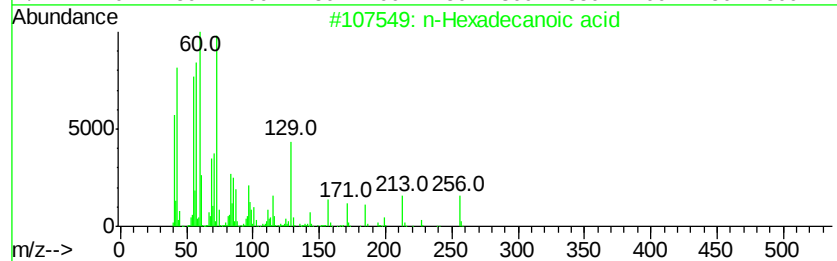
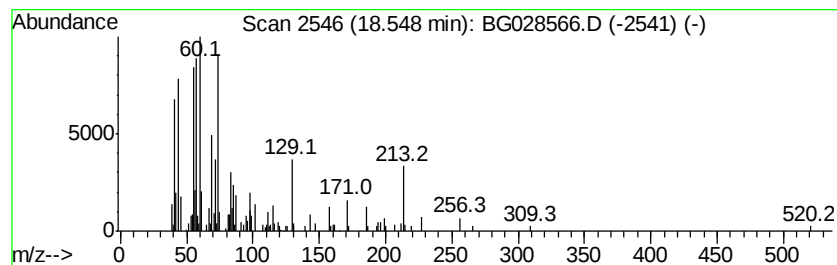
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	3.82 ng/ul	136361	Phenanthrene-d10	17.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	80



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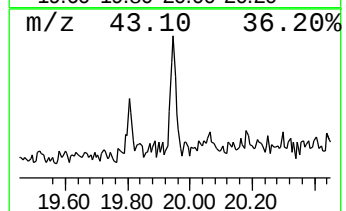
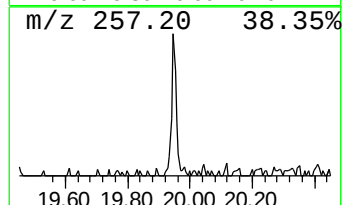
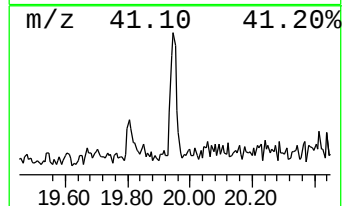
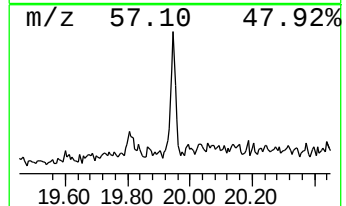
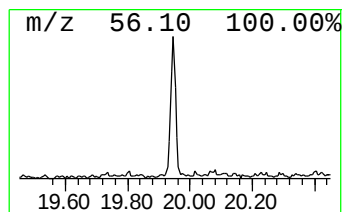
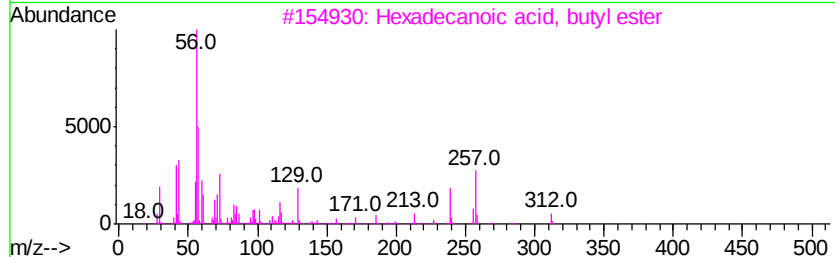
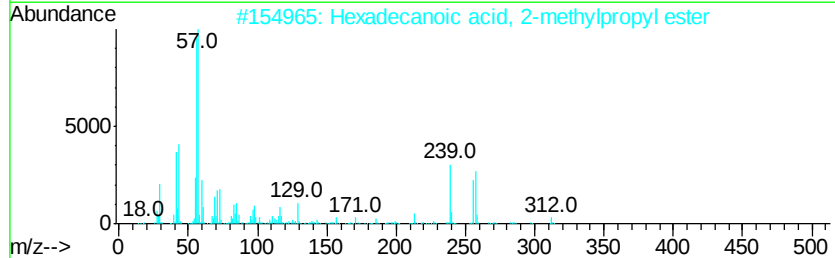
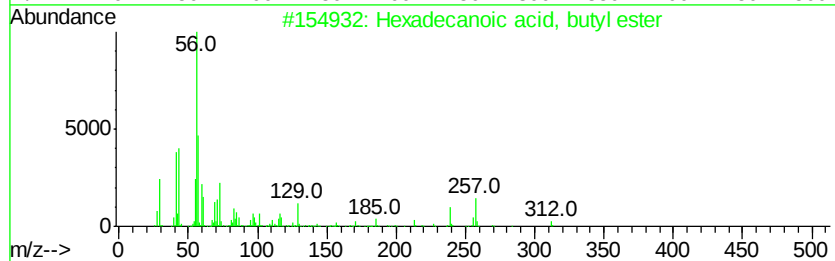
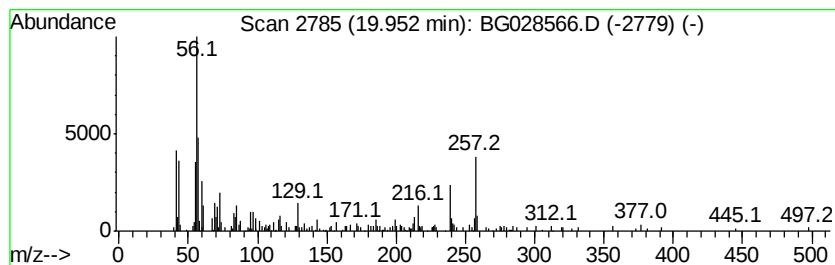
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Hexadecanoic acid, butyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.95	2.93 ng/ul	122556	Chrysene-d12	22.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	93
2		Hexadecanoic acid, 2-methylpropyl ester	312	C20H40O2	000110-34-9	72
3		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	49
4		Hexadecanoic acid, 1,1-dimethylester	312	C20H40O2	031158-91-5	43
5		Butyl 4,8,12-trimethyl-tridecanoate	312	C20H40O2	1000336-63-2	42



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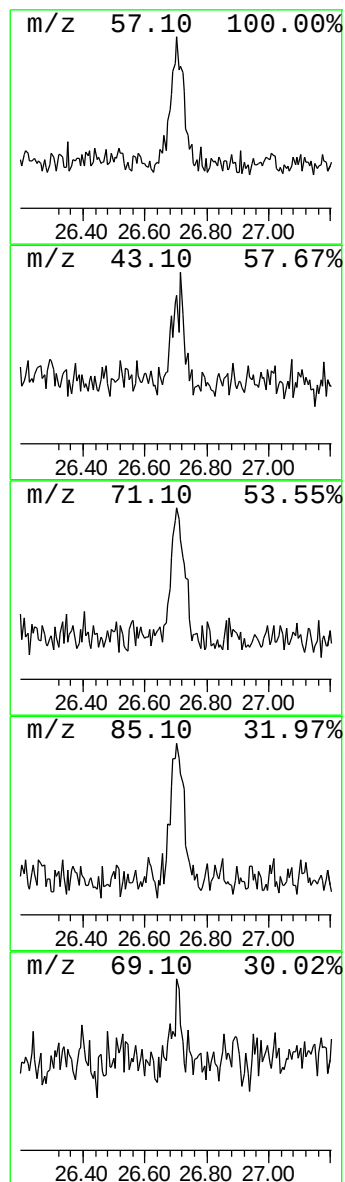
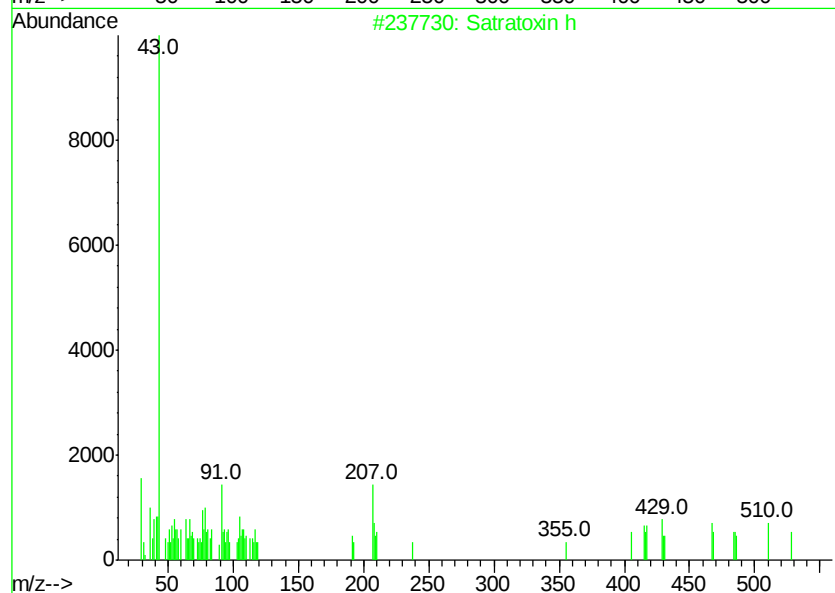
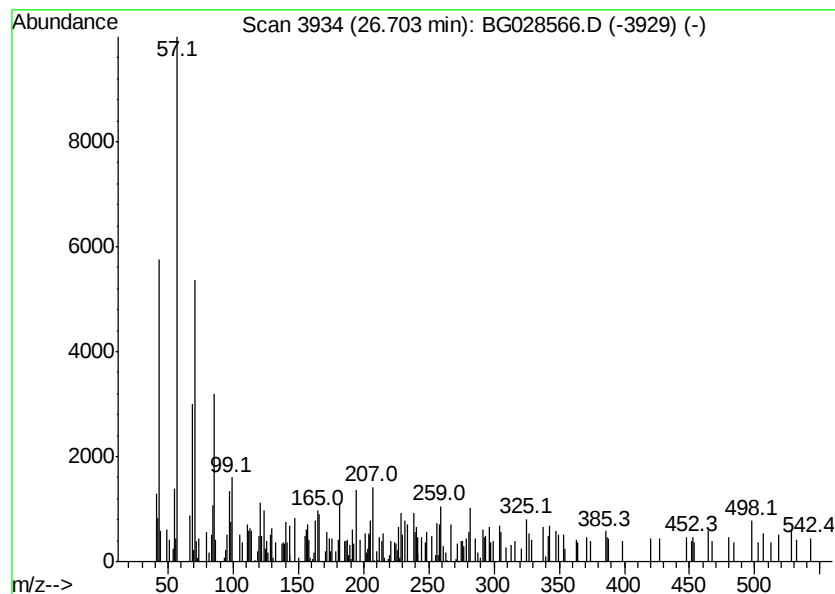
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.70	2.66 ng/ul	105750	Perylene-d12	25.55
Hit# of	1	Tentative ID	MW MolForm	CAS# Qual
1	Satratoxin h		528 C29H36O9	053126-64-0 7



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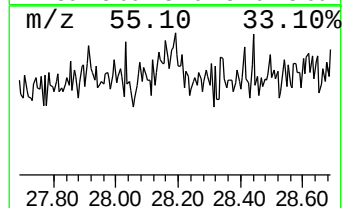
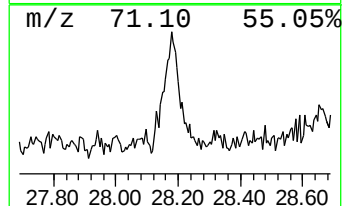
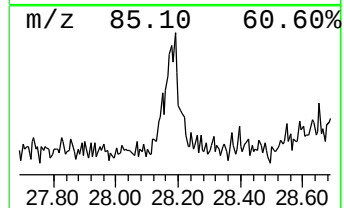
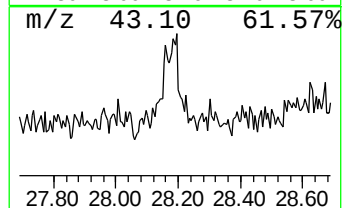
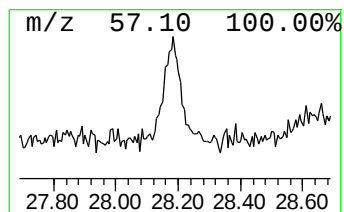
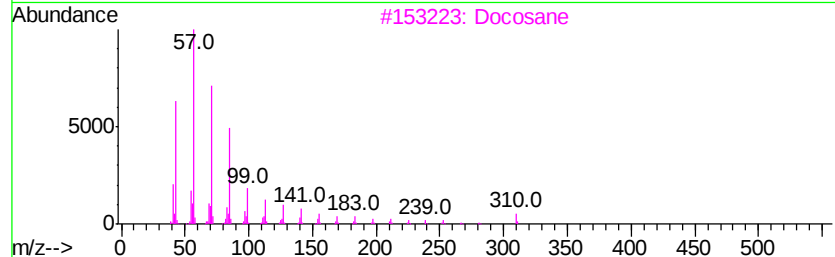
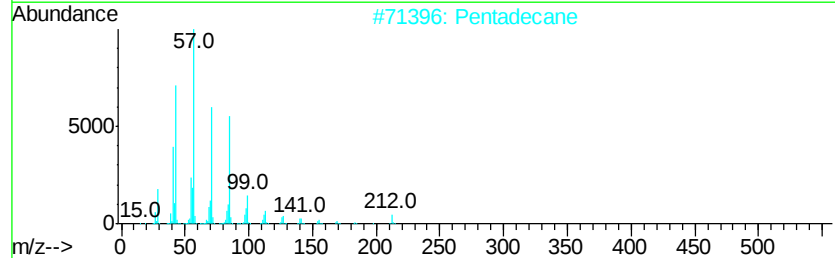
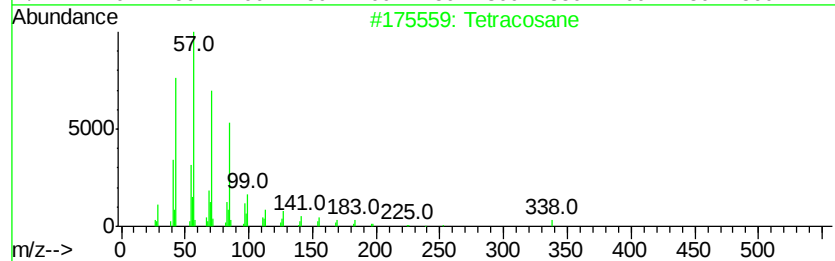
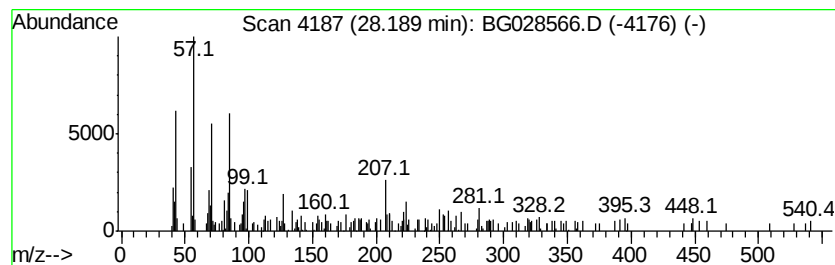
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.19	2.42 ng/ul	96083	Perylene-d12	25.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	53
2		Pentadecane	212	C15H32	000629-62-9	46
3		Docosane	310	C22H46	000629-97-0	41
4		Octadecane, 2,6,10,14-tetramethyl-	310	C22H46	054964-82-8	41
5		Geranyl isovalerate	238	C15H26O2	000109-20-6	41



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG083017\
Data File : BG028566.D
Acq On : 30 Aug 2017 23:38
Operator : SJ/JU
Sample : I4917-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0B39

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
n-Hexadecanoic acid	18.55	3.8	ng/ul	136361	4	17.70	714018	20.0
Hexadecanoic acid...	19.95	2.9	ng/ul	122556	5	22.04	835206	20.0
unknown-01	26.70	2.7	ng/ul	105750	6	25.55	795174	20.0
(DEL) Alkane: Str...	28.19	2.4	ng/ul	96083	6	25.55	795174	20.0