

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
 Data File : BG026822.D
 Acq On : 2 May 2017 1:07
 Operator : SJ/MA
 Sample : I2867-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHTA6

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	3.423	53	57	66	rVB2	36323	58939	1.55%	0.125%
2	4.504	238	241	251	rVB3	20274	38110	1.00%	0.081%
3	5.109	339	344	352	rVB	47954	82030	2.15%	0.174%
4	7.183	690	697	715	rBV	597090	1209106	31.75%	2.563%
5	7.330	715	722	732	rVB	548270	904843	23.76%	1.918%
6	7.548	752	759	773	rBV	649211	1156475	30.37%	2.452%
7	8.006	830	837	849	rBV	494400	853783	22.42%	1.810%
8	8.723	951	959	977	rBV	798201	1539357	40.42%	3.263%
9	9.163	1027	1034	1045	rVB	617737	1114405	29.27%	2.362%
10	9.598	1101	1108	1111	rBV4	10077	22537	0.59%	0.048%
11	9.892	1150	1158	1172	rVB	523955	971212	25.50%	2.059%
12	10.438	1243	1251	1278	rVB	806257	1578079	41.44%	3.345%
13	10.809	1305	1314	1328	rVB	860602	1535205	40.32%	3.254%
14	10.944	1330	1337	1360	rVB	830784	1601853	42.07%	3.396%
15	12.319	1567	1571	1579	rVV3	11531	25735	0.68%	0.055%
16	12.395	1579	1584	1594	rVB4	16372	35405	0.93%	0.075%
17	12.689	1633	1634	1644	rVB6	4243	9324	0.24%	0.020%
18	13.229	1720	1726	1731	rBV7	7343	13869	0.36%	0.029%
19	13.353	1740	1747	1754	rVV7	4264	10039	0.26%	0.021%
20	13.441	1754	1762	1766	rVV5	8675	16824	0.44%	0.036%
21	13.523	1771	1776	1781	rVB6	4059	9742	0.26%	0.021%
22	13.593	1785	1788	1795	rBV5	5063	8038	0.21%	0.017%
23	13.952	1844	1849	1853	rBV6	3754	7973	0.21%	0.017%
24	14.022	1853	1861	1865	rBV	1648415	2334985	61.32%	4.950%
25	14.069	1866	1869	1878	rVV	304185	415278	10.91%	0.880%
26	14.134	1878	1880	1886	rVB5	5556	8910	0.23%	0.019%
27	14.210	1886	1893	1899	rVB5	3586	6969	0.18%	0.015%
28	14.316	1899	1911	1922	rBV	2018039	3113101	81.75%	6.599%
29	14.510	1937	1944	1950	rVB	30983	47872	1.26%	0.101%
30	14.622	1950	1963	1973	rBV2	1301393	2085334	54.76%	4.421%
31	14.704	1974	1977	1983	rVB7	9933	15243	0.40%	0.032%
32	14.839	1990	2000	2025	rVV	341281	929893	24.42%	1.971%
33	14.992	2025	2026	2032	rVV6	4881	8613	0.23%	0.018%
34	15.121	2045	2048	2055	rVB6	10070	13441	0.35%	0.028%

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35	15.192	2057	2060	2065	rVB4	8974	12609	0.33%	0.027%
36	15.344	2076	2086	2092	rBV4	4405	15609	0.41%	0.033%
37	15.409	2092	2097	2100	rVV5	10753	16954	0.45%	0.036%
38	15.456	2100	2105	2110	rVB	74158	90095	2.37%	0.191%
39	15.509	2110	2114	2119	rBV6	4514	11005	0.29%	0.023%
40	15.609	2122	2131	2140	rBV	2491775	3672233	96.44%	7.785%
41	15.732	2146	2152	2165	rBV	563932	873115	22.93%	1.851%
42	15.850	2165	2172	2178	rBV3	49756	93113	2.45%	0.197%
43	15.955	2186	2190	2195	rVB6	11261	11743	0.31%	0.025%
44	16.008	2195	2199	2205	rVB4	12671	21802	0.57%	0.046%
45	16.073	2205	2210	2216	rBV7	13473	22765	0.60%	0.048%
46	16.179	2223	2228	2236	rVB9	5349	13373	0.35%	0.028%
47	16.243	2236	2239	2242	rBV5	4497	6365	0.17%	0.013%
48	16.314	2242	2251	2262	rBV	88375	162928	4.28%	0.345%
49	16.484	2277	2280	2286	rVB8	5938	8088	0.21%	0.017%
50	16.655	2304	2309	2315	rBV4	15251	25721	0.68%	0.055%
51	16.713	2317	2319	2323	rVB5	8134	8376	0.22%	0.018%
52	16.760	2323	2327	2333	rVB8	10446	19987	0.52%	0.042%
53	16.819	2333	2337	2345	rBV9	10775	21341	0.56%	0.045%
54	16.895	2345	2350	2352	rVV5	7565	10999	0.29%	0.023%
55	17.101	2380	2385	2389	rBV	53683	63748	1.67%	0.135%
56	17.148	2389	2393	2406	rVB7	20508	44724	1.17%	0.095%
57	17.254	2406	2411	2418	rVB9	12612	27809	0.73%	0.059%
58	17.354	2418	2428	2438	rBV2	1385283	2148808	56.43%	4.555%
59	17.454	2438	2445	2461	rVB	2411773	3579275	93.99%	7.588%
60	17.630	2472	2475	2480	rVB6	7420	13054	0.34%	0.028%
61	17.753	2491	2496	2500	rVB7	4588	7148	0.19%	0.015%
62	17.836	2505	2510	2517	rBV4	14275	20364	0.53%	0.043%
63	17.930	2522	2526	2532	rVB7	28576	38970	1.02%	0.083%
64	18.006	2537	2539	2545	rVB6	4923	6492	0.17%	0.014%
65	18.118	2554	2558	2565	rBV9	8348	22163	0.58%	0.047%
66	18.176	2565	2568	2572	rBV6	5473	7553	0.20%	0.016%
67	18.235	2572	2578	2587	rBV	159136	281191	7.38%	0.596%
68	18.535	2624	2629	2634	rBV9	10653	23596	0.62%	0.050%
69	18.594	2635	2639	2646	rVB10	9285	21639	0.57%	0.046%
70	18.652	2647	2649	2655	rVB7	5808	7605	0.20%	0.016%
71	18.717	2657	2660	2668	rVV9	5351	12702	0.33%	0.027%

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72	18.770	2668	2669	2675	rVB6	4572	6745	0.18%	0.014%
73	18.829	2676	2679	2684	rVB6	3867	7976	0.21%	0.017%
74	19.152	2729	2734	2739	rBV8	9312	15829	0.42%	0.034%
75	19.228	2746	2747	2752	rVB5	5318	6319	0.17%	0.013%
76	19.310	2752	2761	2764	rBV10	6572	18649	0.49%	0.040%
77	19.381	2766	2773	2781	rBV2	34498	78467	2.06%	0.166%
78	19.504	2788	2794	2804	rBV3	60991	131589	3.46%	0.279%
79	19.628	2810	2815	2826	rVB	27526	51779	1.36%	0.110%
80	19.733	2826	2833	2844	rBV2	2576368	3807977	100.00%	8.072%
81	20.174	2904	2908	2911	rBV6	6504	10026	0.26%	0.021%
82	20.256	2918	2922	2925	rBV4	10714	11096	0.29%	0.024%
83	20.327	2930	2934	2937	rBV6	7780	15561	0.41%	0.033%
84	20.391	2943	2945	2950	rBV6	4736	7877	0.21%	0.017%
85	20.556	2971	2973	2977	rBV4	4943	7403	0.19%	0.016%
86	20.679	2991	2994	2996	rBV4	10183	11551	0.30%	0.024%
87	20.744	3003	3005	3009	rVB4	14678	16201	0.43%	0.034%
88	21.161	3073	3076	3081	rVB7	11077	17396	0.46%	0.037%
89	21.408	3112	3118	3125	rBV7	12790	39972	1.05%	0.085%
90	21.478	3127	3130	3136	rVB2	33757	46491	1.22%	0.099%
91	21.602	3144	3151	3165	rBV	1386203	2263966	59.45%	4.799%
92	22.371	3277	3282	3288	rBV5	32812	70318	1.85%	0.149%
93	23.041	3392	3396	3404	rVB3	31270	59185	1.55%	0.125%
94	23.829	3523	3530	3542	rBV2	77376	167809	4.41%	0.356%
95	24.551	3641	3653	3674	rVB2	1362886	3798619	99.75%	8.053%
96	24.763	3678	3689	3707	rVB2	849340	2472289	64.92%	5.241%
97	25.844	3866	3873	3884	rBV4	78158	216245	5.68%	0.458%
98	27.166	4090	4098	4109	rVB4	63132	213752	5.61%	0.453%
99	28.752	4359	4368	4381	rVB6	50395	192464	5.05%	0.408%
100	30.685	4689	4697	4711	rVB8	45176	182024	4.78%	0.386%

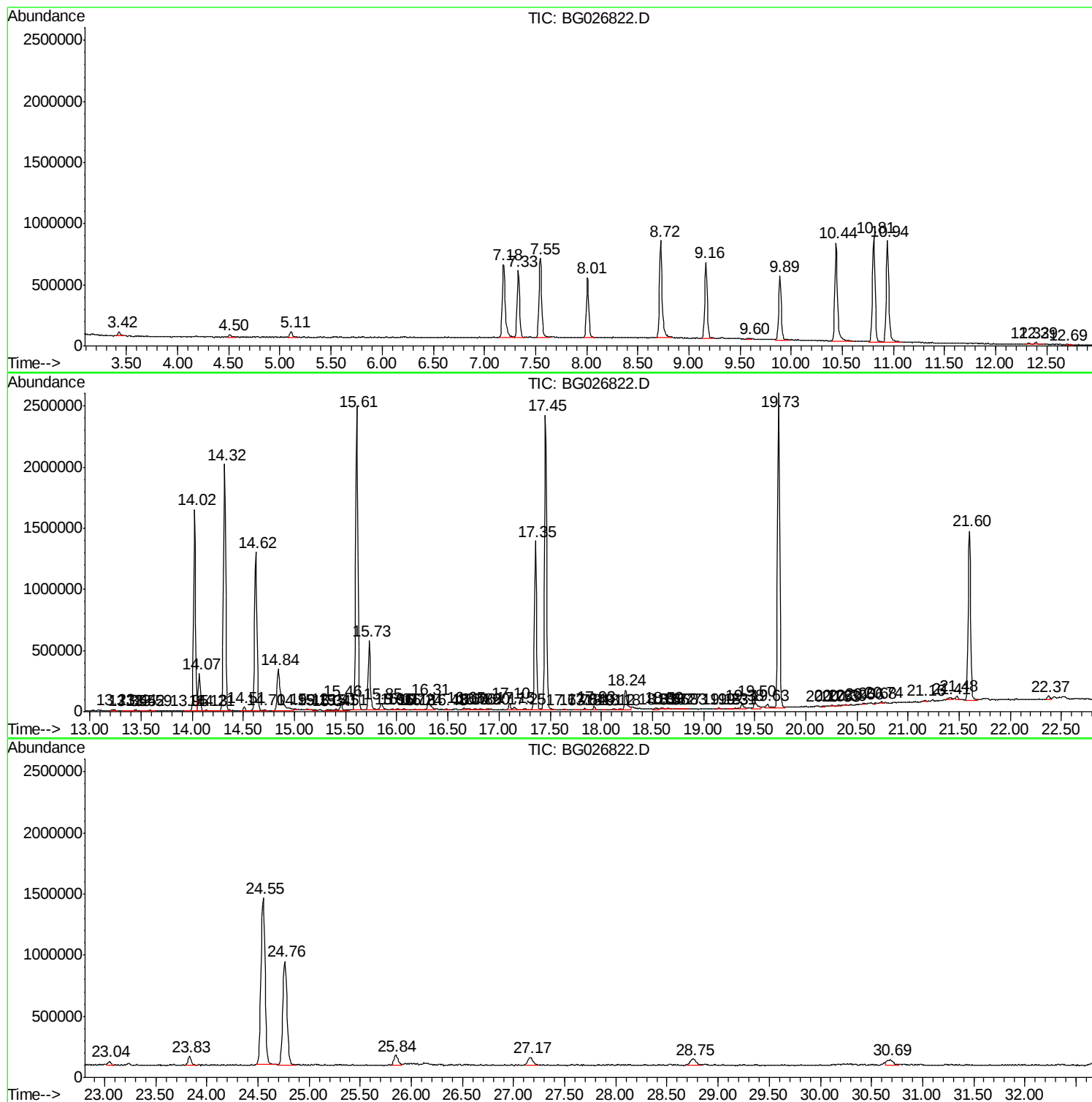
Sum of corrected areas: 47173159

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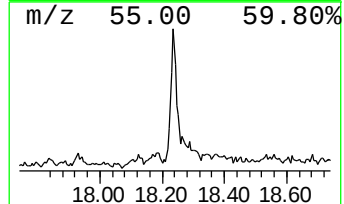
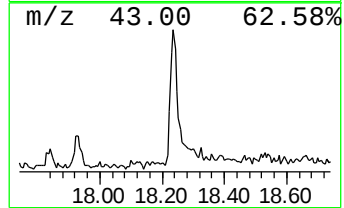
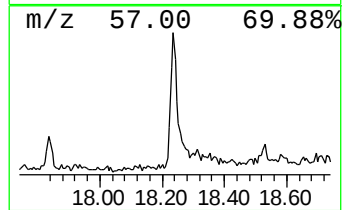
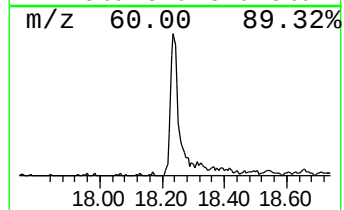
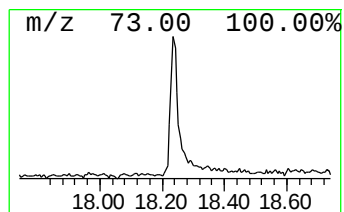
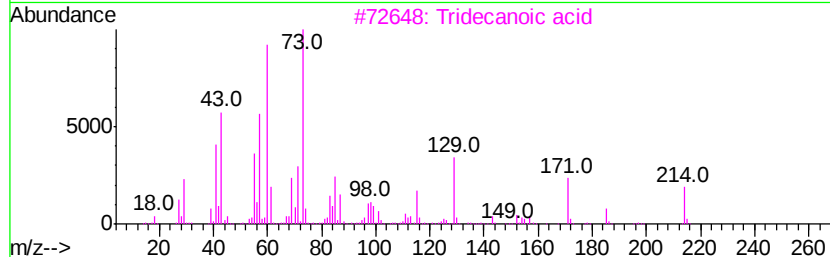
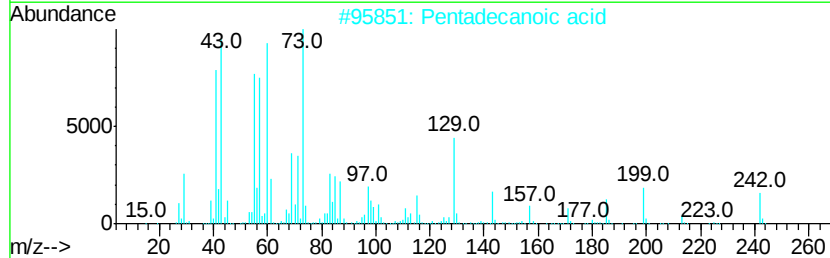
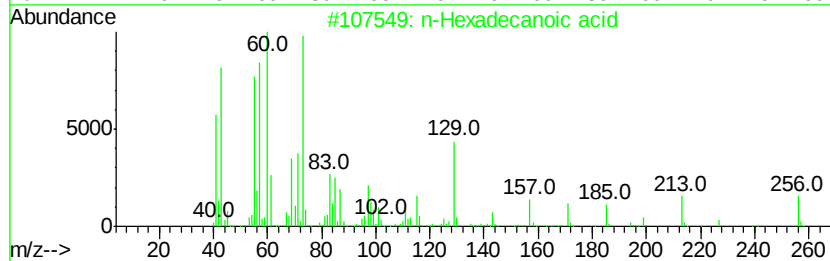
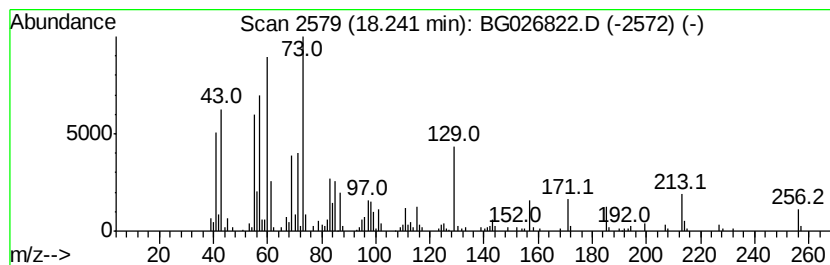
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	2.62 ng/ul	281191	Phenanthrene-d10	17.35

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3		Tridecanoic acid	214	C13H26O2	000638-53-9	76
4		n-Decanoic acid	172	C10H20O2	000334-48-5	62
5		n-Decanoic acid	172	C10H20O2	000334-48-5	62



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TIC Top Hit name	RT	EstConc	Units	Response	---Internal Standard---			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.24	2.6	ng/ul	281191	4	17.35	2148810	20.0