

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082417\
 Data File : BG028465.D
 Acq On : 24 Aug 2017 18:08
 Operator : SJ/JU
 Sample : I4840-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AJ2

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	3.820	35	39	44	rBV5	11273	18386	1.18%	0.111%
2	4.085	81	84	86	rBV3	4427	4549	0.29%	0.027%
3	4.196	101	103	107	rBV4	2163	2627	0.17%	0.016%
4	4.778	200	202	207	rBV3	2876	3427	0.22%	0.021%
5	4.866	214	217	223	rVB4	2507	4369	0.28%	0.026%
6	5.089	252	255	257	rBV3	2640	2817	0.18%	0.017%
7	5.565	335	336	342	rBV4	2390	3855	0.25%	0.023%
8	6.170	437	439	443	rBV3	2380	2959	0.19%	0.018%
9	6.635	515	518	521	rVB	2928	2627	0.17%	0.016%
10	7.187	610	612	618	rBV4	1853	3676	0.24%	0.022%
11	7.492	655	664	677	rBV	187006	372894	23.97%	2.251%
12	7.586	677	680	684	rVB3	2569	2533	0.16%	0.015%
13	7.651	684	691	703	rBV	137721	239990	15.43%	1.449%
14	7.868	720	728	739	rBV2	179357	327966	21.08%	1.980%
15	8.139	771	774	780	rVB3	1923	2981	0.19%	0.018%
16	8.338	797	808	816	rBV	169820	299958	19.28%	1.811%
17	8.714	869	872	878	rBV3	1863	3244	0.21%	0.020%
18	8.879	892	900	902	rBV5	2121	2662	0.17%	0.016%
19	9.032	915	926	936	rBV2	240787	456398	29.34%	2.756%
20	9.196	953	954	959	rVB2	2109	2656	0.17%	0.016%
21	9.508	999	1007	1017	rBV	194408	370938	23.84%	2.240%
22	9.637	1025	1029	1036	rVB5	3284	7238	0.47%	0.044%
23	9.825	1056	1061	1065	rVV3	1513	2549	0.16%	0.015%
24	9.872	1065	1069	1073	rVB4	1639	2902	0.19%	0.018%
25	10.230	1120	1130	1140	rVB2	167549	326847	21.01%	1.973%
26	10.448	1161	1167	1180	rBV6	6141	17645	1.13%	0.107%
27	10.553	1180	1185	1187	rVB5	1890	2946	0.19%	0.018%
28	10.777	1212	1223	1237	rBV	248032	481670	30.96%	2.908%
29	11.094	1272	1277	1279	rBV3	1568	2862	0.18%	0.017%
30	11.159	1279	1288	1298	rVB	255212	467305	30.04%	2.821%
31	11.288	1301	1310	1323	rBV2	154841	319993	20.57%	1.932%
32	11.629	1361	1368	1370	rVB2	2400	3958	0.25%	0.024%
33	11.770	1387	1392	1394	rBV3	2219	2657	0.17%	0.016%
34	11.922	1413	1418	1420	rBV2	2048	3285	0.21%	0.020%

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35	11.958	1420	1424	1428	rVB5	1597	2738	0.18%	0.017%
36	12.310	1479	1484	1491	rVB5	6548	12514	0.80%	0.076%
37	12.604	1527	1534	1537	rBV5	3096	6055	0.39%	0.037%
38	12.716	1547	1553	1557	rVB6	4115	7081	0.46%	0.043%
39	12.769	1561	1562	1569	rVB3	2928	5003	0.32%	0.030%
40	12.833	1569	1573	1579	rBV3	1943	5148	0.33%	0.031%
41	12.980	1596	1598	1603	rVB2	1707	2769	0.18%	0.017%
42	13.209	1631	1637	1647	rVB6	5041	11554	0.74%	0.070%
43	13.303	1647	1653	1659	rBV5	3149	6831	0.44%	0.041%
44	13.385	1663	1667	1669	rBV3	1903	2689	0.17%	0.016%
45	13.538	1689	1693	1697	rVB5	4022	4665	0.30%	0.028%
46	13.615	1703	1706	1712	rVB4	1739	2990	0.19%	0.018%
47	13.809	1736	1739	1743	rBV2	2229	3363	0.22%	0.020%
48	13.967	1764	1766	1771	rVB3	2517	3730	0.24%	0.023%
49	14.044	1773	1779	1781	rBV3	2073	3271	0.21%	0.020%
50	14.085	1783	1786	1790	rBV2	2235	3505	0.23%	0.021%
51	14.337	1819	1829	1834	rBV	545967	818194	52.59%	4.940%
52	14.384	1834	1837	1846	rVV	115479	159162	10.23%	0.961%
53	14.555	1860	1866	1871	rBV4	1518	3505	0.23%	0.021%
54	14.643	1871	1881	1894	rVB	534222	879549	56.54%	5.310%
55	14.801	1900	1908	1913	rBV5	5302	8897	0.57%	0.054%
56	14.948	1923	1933	1942	rBV2	421361	701657	45.10%	4.236%
57	15.048	1948	1950	1956	rVB2	1726	2549	0.16%	0.015%
58	15.148	1958	1967	1982	rBV2	169967	375770	24.15%	2.269%
59	15.289	1989	1991	1993	rBV3	2811	2607	0.17%	0.016%
60	15.324	1993	1997	2006	rVB6	5031	12570	0.81%	0.076%
61	15.706	2059	2062	2064	rBV	3430	3733	0.24%	0.023%
62	15.747	2064	2069	2074	rVB2	12739	18253	1.17%	0.110%
63	15.800	2075	2078	2082	rVB5	2202	3122	0.20%	0.019%
64	15.935	2094	2101	2113	rVB	715907	1148748	73.84%	6.936%
65	16.059	2113	2122	2132	rBV	250918	410419	26.38%	2.478%
66	16.170	2135	2141	2149	rVB6	10909	22767	1.46%	0.137%
67	16.294	2161	2162	2167	rBV4	2719	3341	0.21%	0.020%
68	16.370	2170	2175	2180	rVB5	4117	5172	0.33%	0.031%
69	16.482	2191	2194	2196	rBV2	2704	2602	0.17%	0.016%
70	16.511	2196	2199	2202	rVV4	2009	2718	0.17%	0.016%
71	16.611	2210	2216	2224	rBV2	19157	32373	2.08%	0.195%

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72	16.799	2245	2248	2254	rVB4	3568	6183	0.40%	0.037%
73	16.864	2254	2259	2260	rBV4	2624	3892	0.25%	0.023%
74	16.887	2261	2263	2267	rVB4	2763	3405	0.22%	0.021%
75	17.058	2287	2292	2297	rBV8	5903	12451	0.80%	0.075%
76	17.181	2311	2313	2317	rVB4	3601	3643	0.23%	0.022%
77	17.404	2346	2351	2355	rBV3	11098	16680	1.07%	0.101%
78	17.451	2357	2359	2362	rVB3	3835	4537	0.29%	0.027%
79	17.492	2363	2366	2372	rVB6	4402	5225	0.34%	0.032%
80	17.645	2388	2392	2394	rBV2	2257	3792	0.24%	0.023%
81	17.698	2394	2401	2410	rVV2	582289	907377	58.33%	5.478%
82	17.798	2410	2418	2427	rVB	836176	1300044	83.57%	7.849%
83	17.874	2429	2431	2433	rBV3	4833	2627	0.17%	0.016%
84	17.945	2439	2443	2447	rBV4	3913	6140	0.39%	0.037%
85	18.045	2457	2460	2462	rBV3	4237	3062	0.20%	0.018%
86	18.139	2473	2476	2480	rBV5	4704	4662	0.30%	0.028%
87	18.321	2504	2507	2508	rBV3	3515	3641	0.23%	0.022%
88	18.421	2523	2524	2526	rBV2	3326	2884	0.19%	0.017%
89	18.544	2539	2545	2555	rBV	104738	175322	11.27%	1.059%
90	19.267	2665	2668	2672	rBV6	5280	9025	0.58%	0.054%
91	19.373	2682	2686	2693	rVB9	9235	12355	0.79%	0.075%
92	19.596	2722	2724	2729	rBV6	6165	8877	0.57%	0.054%
93	19.702	2732	2742	2749	rBV8	17045	54353	3.49%	0.328%
94	19.801	2755	2759	2769	rBV8	35296	62505	4.02%	0.377%
95	20.072	2798	2805	2814	rBV	1062152	1555694	100.00%	9.393%
96	21.599	3061	3065	3076	rVB	31500	60400	3.88%	0.365%
97	21.858	3105	3109	3116	rVB	36755	56597	3.64%	0.342%
98	22.028	3130	3138	3148	rVB	613863	1117977	71.86%	6.750%
99	25.295	3682	3694	3706	rBV3	500487	1535144	98.68%	9.269%
100	25.536	3718	3735	3751	rVB	339694	1149136	73.87%	6.938%

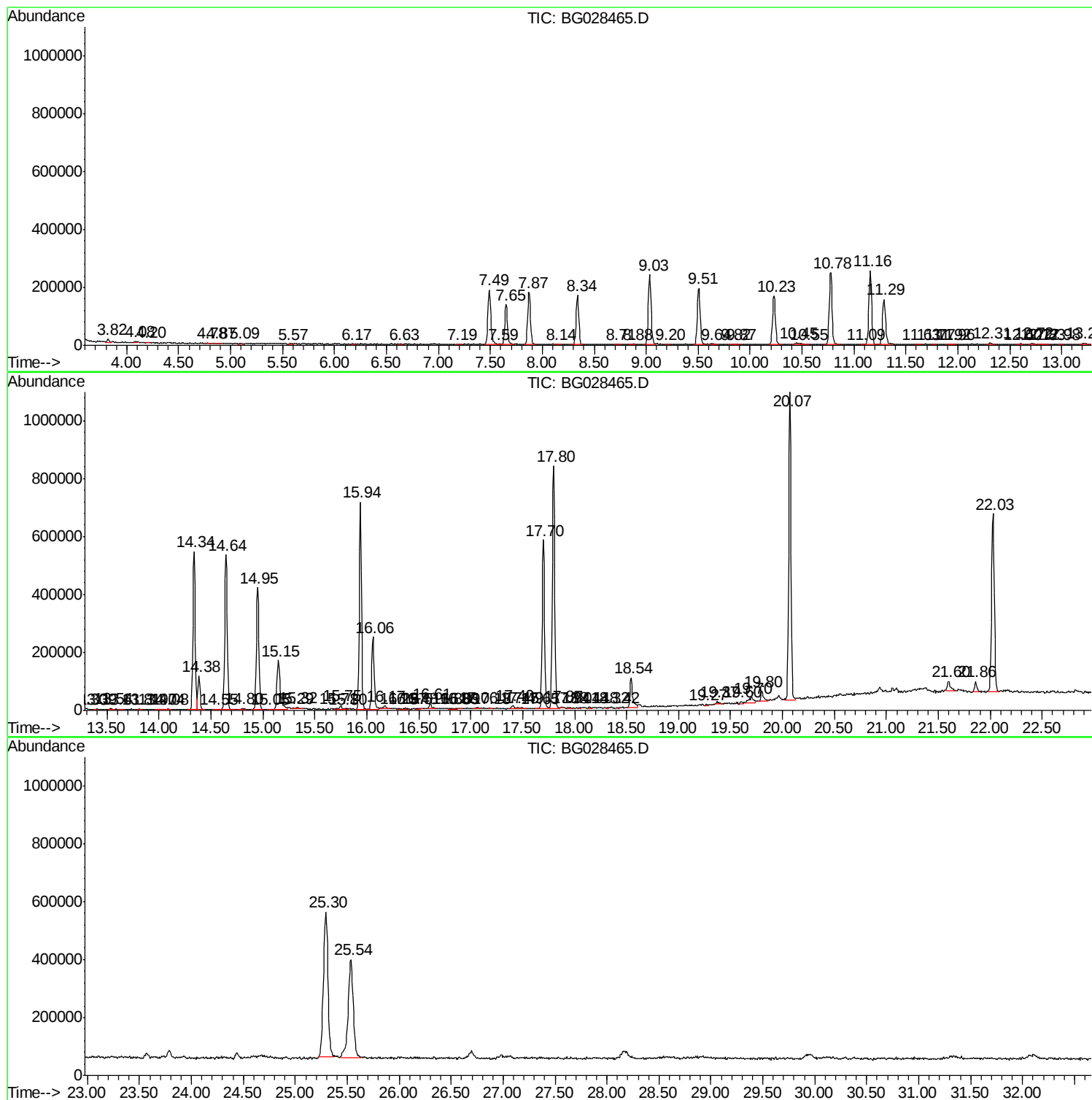
Sum of corrected areas: 16562613

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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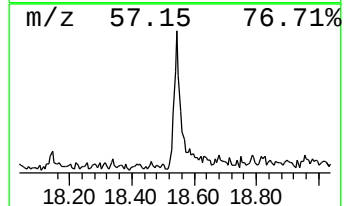
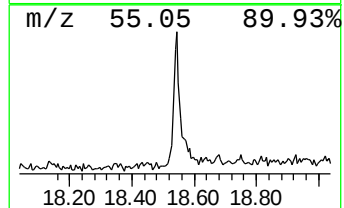
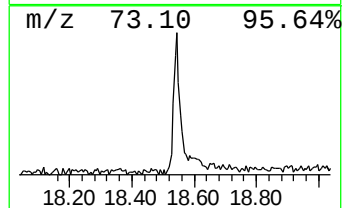
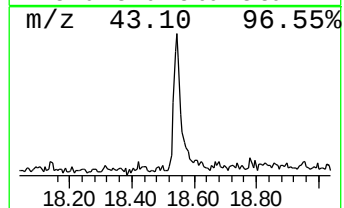
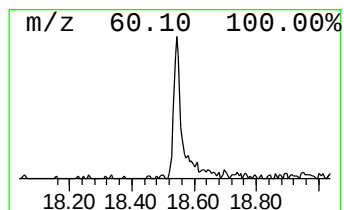
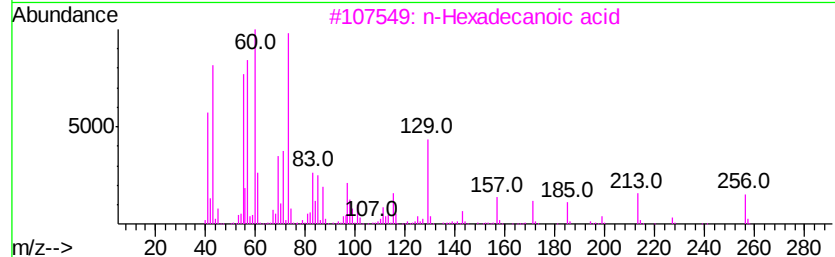
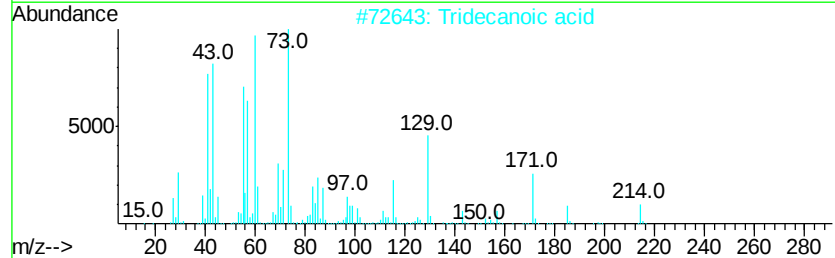
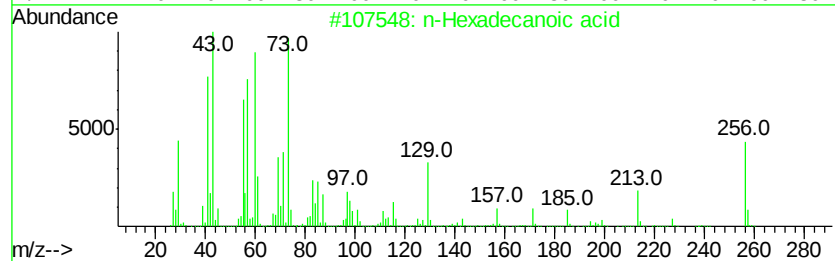
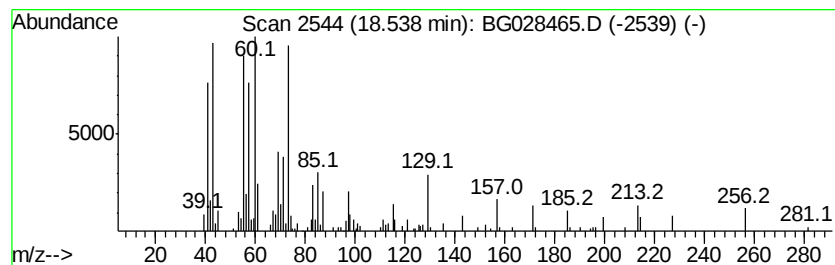
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.54	3.86 ng/ul	175322	Phenanthrene-d10	17.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
2		Tridecanoic acid	214	C13H26O2	000638-53-9	87
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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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.54	3.9	ng/ul	175322	4	17.70	907377	20.0