

Data Path : U:\HPCHEM1\BNA G\DATA\BG070216\
 Data File : BG022812.D
 Acq On : 3 Jul 2016 3:08
 Operator : UM/SJ
 Sample : H3818-16
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDHW5

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 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: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.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	3.267	71	73	75	rBV3	10989	10486	0.20%	0.018%
2	3.543	116	120	124	rVB5	17255	25251	0.47%	0.043%
3	3.819	165	167	172	rVB3	14412	17002	0.32%	0.029%
4	4.301	246	249	251	rBV3	11545	12766	0.24%	0.022%
5	5.035	372	374	378	rVB5	6936	7290	0.14%	0.012%
6	5.124	387	389	392	rBV3	7161	7204	0.14%	0.012%
7	5.729	491	492	497	rVB3	6072	7208	0.14%	0.012%
8	5.852	508	513	515	rBV4	6111	8231	0.15%	0.014%
9	5.899	515	521	523	rBV4	7873	12009	0.23%	0.020%
10	6.075	548	551	553	rVB4	7940	7673	0.14%	0.013%
11	6.169	561	567	568	rBV5	7261	9895	0.19%	0.017%
12	6.211	570	574	579	rVV4	11519	26184	0.49%	0.045%
13	6.352	593	598	602	rVB6	5847	11420	0.21%	0.019%
14	6.780	667	671	676	rVB6	13293	22373	0.42%	0.038%
15	7.115	723	728	731	rBV5	13232	26119	0.49%	0.045%
16	7.309	753	761	773	rBV	659767	1215635	22.83%	2.072%
17	7.474	780	789	796	rBV	521414	854260	16.04%	1.456%
18	7.568	801	805	807	rBV5	10184	10716	0.20%	0.018%
19	7.685	818	825	834	rBV	630485	1121012	21.05%	1.910%
20	7.985	873	876	880	rBV5	5376	7057	0.13%	0.012%
21	8.055	883	888	890	rBV5	13243	20051	0.38%	0.034%
22	8.161	898	906	913	rBV	567341	979862	18.40%	1.670%
23	8.355	935	939	941	rBV4	7862	10226	0.19%	0.017%
24	8.437	950	953	955	rBV2	9774	7990	0.15%	0.014%
25	8.860	1016	1025	1037	rBV	865706	1535369	28.83%	2.617%
26	9.031	1052	1054	1058	rBV3	6378	9252	0.17%	0.016%
27	9.330	1096	1105	1115	rBV	695585	1239095	23.27%	2.112%
28	9.424	1115	1121	1126	rBV4	41350	77564	1.46%	0.132%
29	9.712	1167	1170	1177	rBV3	24059	38329	0.72%	0.065%
30	9.900	1200	1202	1205	rBV3	6002	7912	0.15%	0.013%
31	10.059	1219	1229	1240	rBV	624252	1145292	21.50%	1.952%
32	10.200	1251	1253	1261	rVB5	8865	15836	0.30%	0.027%
33	10.265	1261	1264	1271	rVB9	5169	8993	0.17%	0.015%
34	10.599	1313	1321	1331	rBV	915016	1649266	30.97%	2.811%

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35	10.987	1379	1387	1397	rBV	830211	1553470	29.17%	2.647%
36	11.122	1402	1410	1419	rBV2	838626	1570912	29.50%	2.677%
37	11.510	1474	1476	1481	rVB3	9943	10908	0.20%	0.019%
38	11.569	1483	1486	1488	rVB3	6834	6930	0.13%	0.012%
39	11.745	1513	1516	1521	rBV6	12293	23855	0.45%	0.041%
40	12.027	1563	1564	1567	rBV	9427	8025	0.15%	0.014%
41	12.162	1583	1587	1589	rBV3	10369	13033	0.24%	0.022%
42	12.444	1632	1635	1639	rBV4	7390	12813	0.24%	0.022%
43	12.486	1639	1642	1645	rVV4	12394	16809	0.32%	0.029%
44	12.562	1648	1655	1660	rVB6	20775	37462	0.70%	0.064%
45	13.149	1752	1755	1758	rBV4	6824	9580	0.18%	0.016%
46	13.396	1793	1797	1800	rBV5	8316	11526	0.22%	0.020%
47	13.449	1804	1806	1807	rBV2	7819	7125	0.13%	0.012%
48	13.602	1830	1832	1836	rVB2	16612	16565	0.31%	0.028%
49	13.672	1840	1844	1851	rVB4	21612	32196	0.60%	0.055%
50	13.825	1868	1870	1873	rBV3	7908	7427	0.14%	0.013%
51	13.996	1896	1899	1901	rBV3	7958	10290	0.19%	0.018%
52	14.195	1925	1933	1937	rBV	1986760	2821853	52.98%	4.809%
53	14.242	1937	1941	1948	rVB	903274	1267221	23.79%	2.160%
54	14.424	1971	1972	1977	rVB5	7344	7902	0.15%	0.013%
55	14.495	1977	1984	1991	rBV	1890302	3028785	56.87%	5.162%
56	14.671	2009	2014	2018	rBV3	46563	63870	1.20%	0.109%
57	14.800	2029	2036	2047	rVV2	1562418	2581952	48.48%	4.400%
58	14.883	2047	2050	2052	rVB4	7975	7335	0.14%	0.013%
59	14.988	2061	2068	2086	rBV	821372	1411147	26.50%	2.405%
60	15.282	2115	2118	2122	rBV6	11440	15320	0.29%	0.026%
61	15.353	2128	2130	2134	rVB5	11925	13402	0.25%	0.023%
62	15.517	2153	2158	2159	rBV4	9536	12832	0.24%	0.022%
63	15.570	2165	2167	2171	rVB3	18209	23658	0.44%	0.040%
64	15.623	2171	2176	2181	rVB	77207	103764	1.95%	0.177%
65	15.688	2184	2187	2190	rVB5	14584	17554	0.33%	0.030%
66	15.717	2190	2192	2194	rBV3	7600	8797	0.17%	0.015%
67	15.793	2198	2205	2215	rVB	2688293	4151424	77.95%	7.075%
68	15.899	2217	2223	2232	rVV	815435	1251030	23.49%	2.132%
69	16.034	2239	2246	2251	rVB8	53205	94306	1.77%	0.161%
70	16.246	2278	2282	2285	rBV6	14478	16633	0.31%	0.028%
71	16.434	2312	2314	2319	rBV5	12514	13247	0.25%	0.023%

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72	16.481	2319	2322	2326	rBV2	77601	120230	2.26%	0.205%
73	16.757	2365	2369	2376	rVB8	21472	37697	0.71%	0.064%
74	16.833	2376	2382	2389	rBV8	22995	64121	1.20%	0.109%
75	16.886	2389	2391	2394	rVV4	17034	16468	0.31%	0.028%
76	16.998	2407	2410	2414	rVB6	19779	25377	0.48%	0.043%
77	17.280	2453	2458	2463	rBV	154775	209877	3.94%	0.358%
78	17.550	2498	2504	2511	rBV	2082610	3324886	62.43%	5.666%
79	17.650	2515	2521	2528	rVB2	2761628	4390736	82.44%	7.483%
80	17.820	2547	2550	2556	rVB5	38351	62655	1.18%	0.107%
81	17.909	2561	2565	2576	rVB3	109775	208381	3.91%	0.355%
82	18.020	2581	2584	2589	rVB3	113358	151196	2.84%	0.258%
83	18.191	2611	2613	2621	rVB7	20996	34228	0.64%	0.058%
84	18.308	2629	2633	2636	rBV6	14624	20780	0.39%	0.035%
85	18.420	2647	2652	2658	rBV2	271914	378362	7.10%	0.645%
86	18.502	2663	2666	2669	rVB	22427	29923	0.56%	0.051%
87	18.708	2699	2701	2705	rBV5	19173	19553	0.37%	0.033%
88	19.160	2776	2778	2782	rBV5	12953	12980	0.24%	0.022%
89	19.342	2806	2809	2810	rBV3	24928	24429	0.46%	0.042%
90	19.454	2826	2828	2829	rBV2	11994	8299	0.16%	0.014%
91	19.571	2842	2848	2854	rBV4	61416	115115	2.16%	0.196%
92	19.683	2863	2867	2873	rBV5	82388	125120	2.35%	0.213%
93	19.824	2888	2891	2898	rVB2	42704	70146	1.32%	0.120%
94	19.936	2904	2910	2917	rVB	3572352	5325884	100.00%	9.076%
95	21.463	3165	3170	3178	rBV6	155523	353531	6.64%	0.602%
96	21.857	3230	3237	3246	rBV	2429364	4003967	75.18%	6.824%
97	25.000	3762	3772	3784	rVB2	1740123	5026429	94.38%	8.566%
98	25.235	3801	3812	3827	rVB2	1422862	4092910	76.85%	6.975%

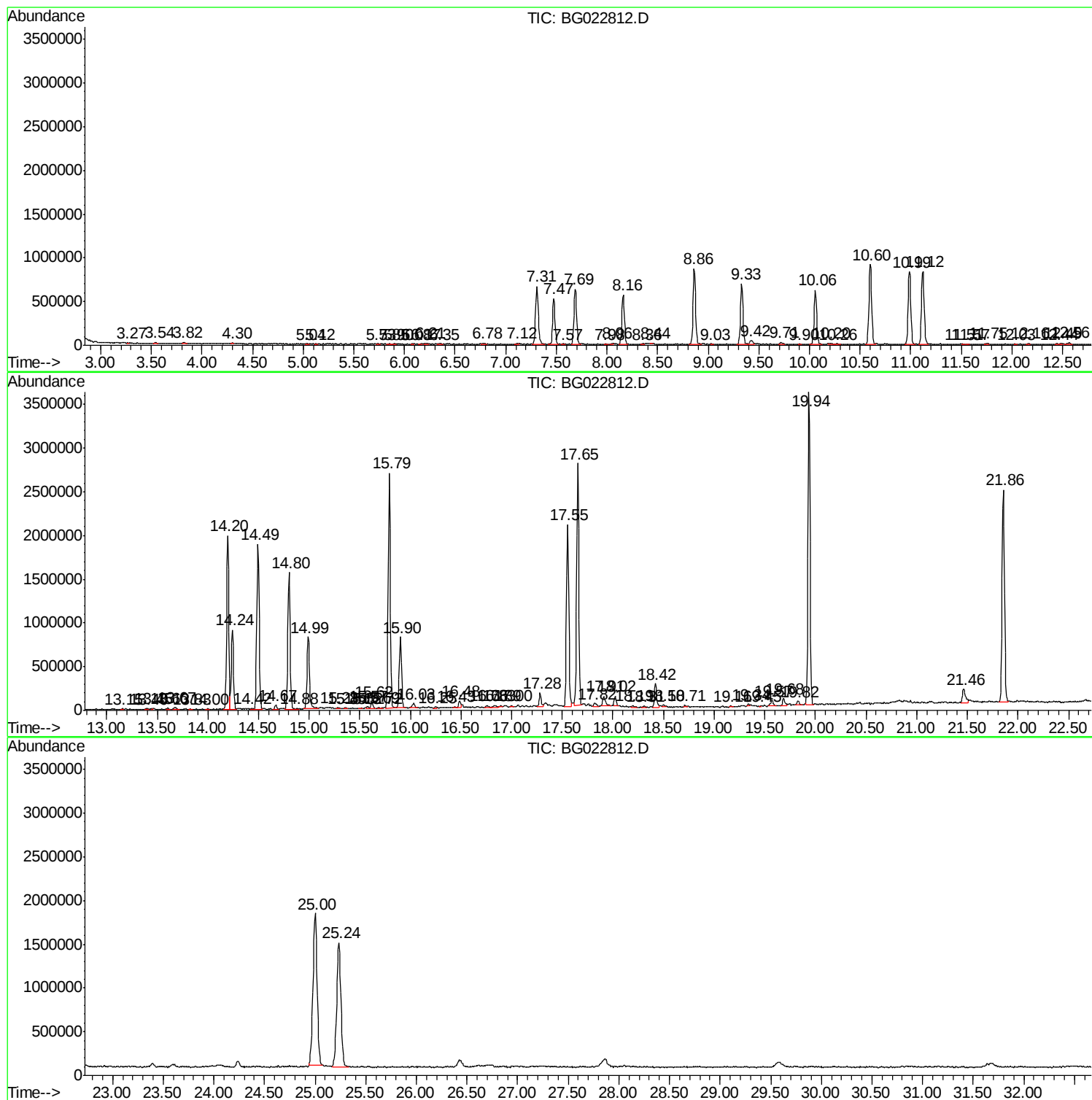
Sum of corrected areas: 58679066

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

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



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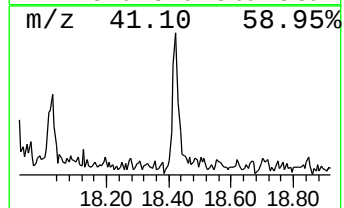
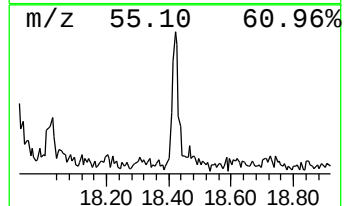
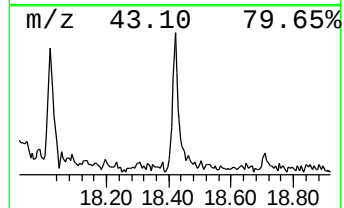
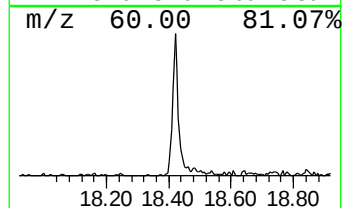
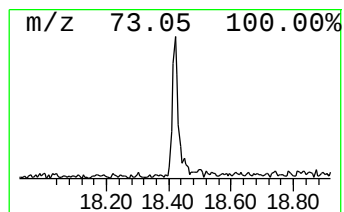
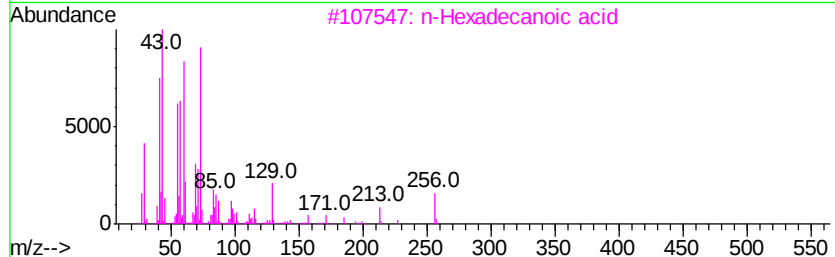
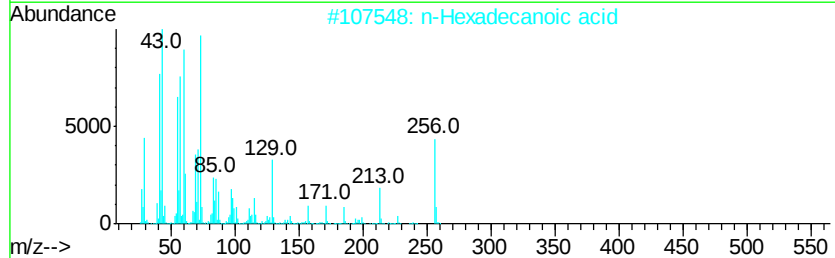
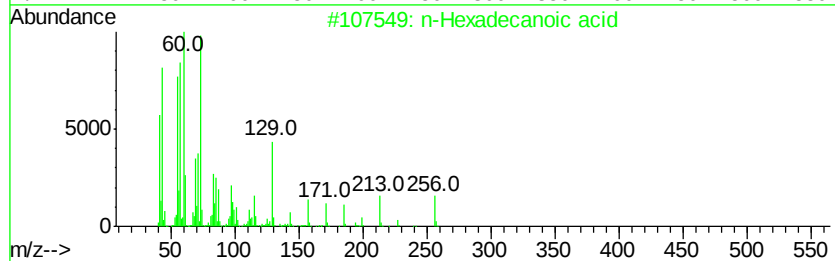
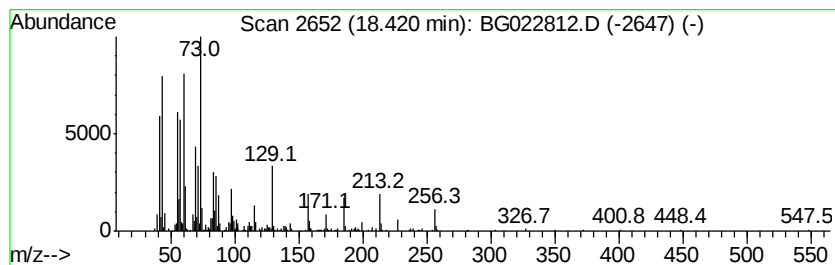
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	2.28 ng/ul	378362	Phenanthrene-d10	17.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
4		Tridecanoic acid	214	C13H26O2	000638-53-9	59
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	52



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.42	2.3	ng/ul	378362	4	17.55	3324890	20.0