

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101216\
 Data File : BG024306.D
 Acq On : 12 Oct 2016 18:11
 Operator : UM/SJ
 Sample : H5145-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDN86

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\SOM02.2-EPA-BG0100716.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	3.646	134	137	143	rVB4	25055	27135	0.70%	0.056%
2	4.022	199	201	206	rVB4	14318	11793	0.31%	0.024%
3	4.275	243	244	252	rBV6	12012	21965	0.57%	0.046%
4	4.410	264	267	270	rBV5	11176	17155	0.45%	0.036%
5	5.039	371	374	376	rVB4	14068	14056	0.36%	0.029%
6	5.356	425	428	435	rVB4	29844	50165	1.30%	0.104%
7	5.538	457	459	463	rBV4	14081	16631	0.43%	0.035%
8	5.750	494	495	499	rBV3	10300	14522	0.38%	0.030%
9	5.903	520	521	524	rBV3	18138	12792	0.33%	0.027%
10	5.997	532	537	539	rBV5	10520	12299	0.32%	0.026%
11	6.496	616	622	626	rVB7	12782	22832	0.59%	0.047%
12	6.537	626	629	633	rVB4	10340	15797	0.41%	0.033%
13	7.025	709	712	715	rBV5	9467	14460	0.38%	0.030%
14	7.066	715	719	722	rVB5	7137	11207	0.29%	0.023%
15	7.418	766	779	790	rBV	499688	983351	25.52%	2.042%
16	7.606	803	811	822	rVB	365957	651051	16.89%	1.352%
17	7.812	837	846	861	rBV	484647	871338	22.61%	1.810%
18	7.930	864	866	869	rBV4	9475	12243	0.32%	0.025%
19	8.288	918	927	938	rBV	592734	1090382	28.29%	2.265%
20	8.547	966	971	975	rBV7	8953	11887	0.31%	0.025%
21	8.923	1030	1035	1037	rBV7	14942	20168	0.52%	0.042%
22	8.975	1037	1044	1057	rVB2	527874	962424	24.97%	1.999%
23	9.134	1070	1071	1079	rVV5	8243	15415	0.40%	0.032%
24	9.463	1116	1127	1134	rBV	543927	1019338	26.45%	2.117%
25	9.610	1151	1152	1157	rVB5	11931	14210	0.37%	0.030%
26	9.827	1183	1189	1192	rVB6	15667	28603	0.74%	0.059%
27	9.998	1215	1218	1221	rBV4	10104	12017	0.31%	0.025%
28	10.192	1241	1251	1260	rBV2	449199	879481	22.82%	1.827%
29	10.603	1319	1321	1329	rVB6	8372	15324	0.40%	0.032%
30	10.720	1334	1341	1354	rBV2	659002	1262712	32.77%	2.623%
31	11.120	1401	1409	1417	rBV	821045	1592457	41.32%	3.307%
32	11.243	1422	1430	1442	rVV	650400	1268243	32.91%	2.634%
33	11.337	1442	1446	1450	rVB4	6472	12728	0.33%	0.026%
34	11.614	1492	1493	1496	rBV2	13113	12428	0.32%	0.026%

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35	11.672	1499	1503	1508	rBV6	8513	16294	0.42%	0.034%
36	12.007	1553	1560	1564	rBV7	7268	18337	0.48%	0.038%
37	12.295	1607	1609	1615	rVB6	12379	15555	0.40%	0.032%
38	12.395	1619	1626	1628	rBV7	8372	14765	0.38%	0.031%
39	12.419	1628	1630	1637	rBV6	10249	13801	0.36%	0.029%
40	12.683	1665	1675	1685	rVB10	21166	59034	1.53%	0.123%
41	12.800	1691	1695	1699	rVB6	8698	12672	0.33%	0.026%
42	13.041	1731	1736	1739	rBV5	13643	23404	0.61%	0.049%
43	13.265	1769	1774	1779	rBV8	11998	30860	0.80%	0.064%
44	13.500	1809	1814	1818	rBV5	20477	29607	0.77%	0.061%
45	13.770	1853	1860	1866	rVV5	23001	39669	1.03%	0.082%
46	13.952	1890	1891	1896	rBV3	12835	16533	0.43%	0.034%
47	14.299	1939	1950	1954	rBV	1440570	2211446	57.38%	4.593%
48	14.346	1954	1958	1965	rVB	696231	1038606	26.95%	2.157%
49	14.604	1994	2002	2013	rVV	1446612	2406319	62.44%	4.998%
50	14.692	2013	2017	2019	rVB4	11638	12220	0.32%	0.025%
51	14.757	2024	2028	2033	rBV4	39043	52735	1.37%	0.110%
52	14.839	2038	2042	2045	rBV6	10804	12858	0.33%	0.027%
53	14.904	2045	2053	2066	rVB	1552838	2455190	63.71%	5.099%
54	15.062	2074	2080	2091	rBV	640773	1048670	27.21%	2.178%
55	15.198	2100	2103	2106	rBV5	10324	13412	0.35%	0.028%
56	15.256	2111	2113	2120	rVB7	12211	20970	0.54%	0.044%
57	15.309	2120	2122	2129	rVV7	11902	17499	0.45%	0.036%
58	15.368	2129	2132	2137	rVB6	17705	27478	0.71%	0.057%
59	15.444	2138	2145	2149	rVB5	18037	31908	0.83%	0.066%
60	15.579	2165	2168	2171	rBV5	8400	14015	0.36%	0.029%
61	15.615	2172	2174	2179	rVB6	9553	12207	0.32%	0.025%
62	15.656	2179	2181	2185	rBV5	14557	23606	0.61%	0.049%
63	15.709	2185	2190	2195	rVB	103783	153455	3.98%	0.319%
64	15.762	2195	2199	2204	rBV7	20842	35697	0.93%	0.074%
65	15.820	2206	2209	2214	rVB7	11611	13152	0.34%	0.027%
66	15.891	2214	2221	2230	rBV	1983137	3174947	82.39%	6.594%
67	15.991	2230	2238	2248	rVB	574369	889611	23.08%	1.848%
68	16.114	2251	2259	2269	rVB7	53438	160895	4.17%	0.334%
69	16.202	2271	2274	2279	rVB5	20417	34841	0.90%	0.072%
70	16.267	2279	2285	2291	rBV8	27569	63020	1.64%	0.131%
71	16.332	2293	2296	2300	rVB6	25583	29140	0.76%	0.061%

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72	16.402	2307	2308	2314	rBV6	10562	18322	0.48%	0.038%
73	16.467	2314	2319	2323	rVB7	10720	23979	0.62%	0.050%
74	16.514	2323	2327	2330	rBV5	15525	22002	0.57%	0.046%
75	16.561	2330	2335	2346	rBV2	130571	257222	6.67%	0.534%
76	16.766	2368	2370	2376	rBV7	8710	11601	0.30%	0.024%
77	16.843	2377	2383	2387	rBV7	24731	38173	0.99%	0.079%
78	16.907	2390	2394	2402	rVB7	15435	36700	0.95%	0.076%
79	16.966	2402	2404	2407	rBV4	13192	13788	0.36%	0.029%
80	17.072	2419	2422	2427	rBV5	21532	31408	0.81%	0.065%
81	17.360	2464	2471	2476	rBV3	141781	249231	6.47%	0.518%
82	17.648	2510	2520	2528	rBV2	1825767	2927670	75.97%	6.081%
83	17.742	2528	2536	2545	rVB	2185295	3366273	87.35%	6.992%
84	17.977	2571	2576	2581	rBV9	20680	46555	1.21%	0.097%
85	18.094	2592	2596	2600	rBV5	30604	36604	0.95%	0.076%
86	18.364	2638	2642	2649	rBV9	28308	56845	1.48%	0.118%
87	18.488	2658	2663	2673	rBV2	251618	371831	9.65%	0.772%
88	18.782	2710	2713	2717	rVB5	11328	12554	0.33%	0.026%
89	19.152	2773	2776	2783	rBV9	13428	26616	0.69%	0.055%
90	19.275	2795	2797	2801	rBV5	12279	15387	0.40%	0.032%
91	19.639	2851	2859	2865	rBV7	52956	132008	3.43%	0.274%
92	19.745	2873	2877	2886	rBV5	96242	140288	3.64%	0.291%
93	19.904	2901	2904	2908	rVB5	39186	54028	1.40%	0.112%
94	20.010	2915	2922	2931	rBV	2539198	3853792	100.00%	8.004%
95	21.531	3176	3181	3188	rBV3	202074	323236	8.39%	0.671%
96	21.943	3243	3251	3262	rVB	1844338	3347213	86.86%	6.952%
97	23.705	3545	3551	3557	rVB3	157031	304988	7.91%	0.633%
98	24.357	3658	3662	3669	rVB7	67227	142133	3.69%	0.295%
99	25.151	3786	3797	3810	rVB2	1208637	3645188	94.59%	7.571%
100	25.386	3827	3837	3851	rVB3	1103621	3398817	88.19%	7.059%

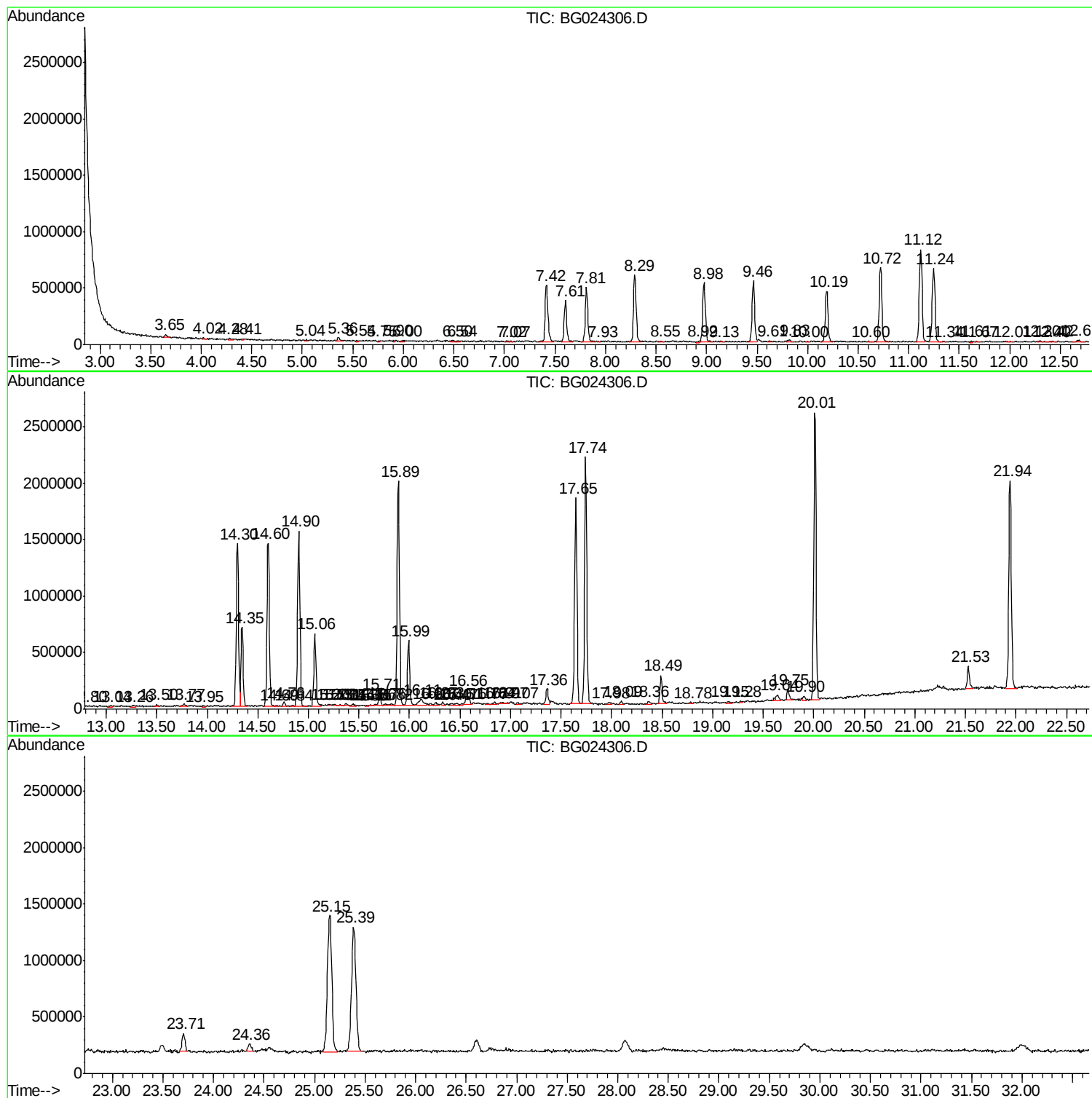
Sum of corrected areas: 48147489

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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



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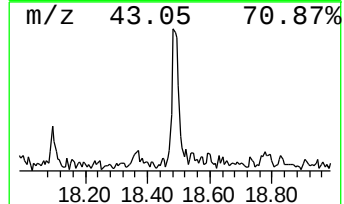
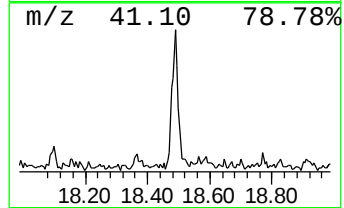
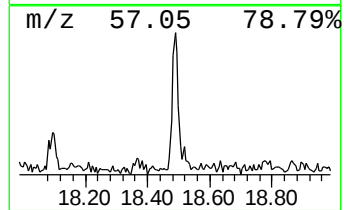
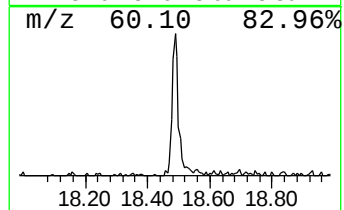
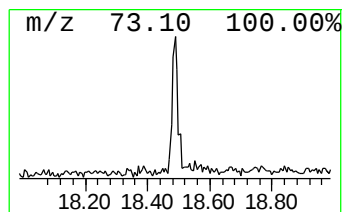
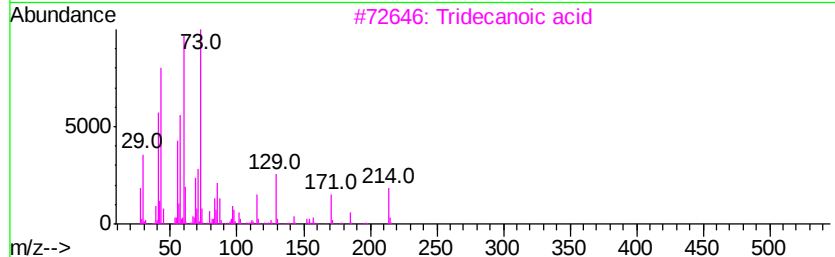
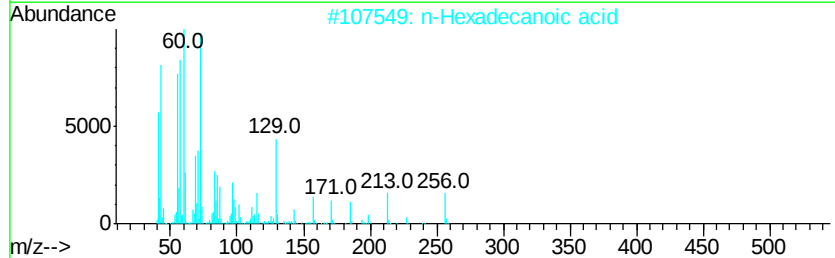
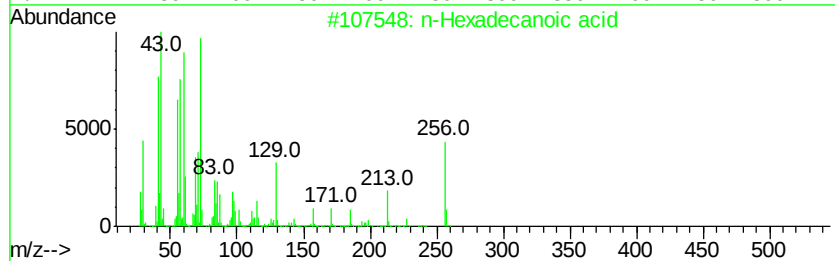
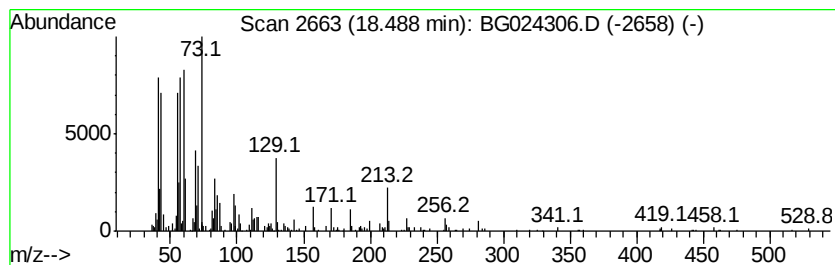
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	2.54 ng/ul	371831	Phenanthrene-d10	17.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3		Tridecanoic acid	214	C13H26O2	000638-53-9	76
4		Octadecanoic acid	284	C18H36O2	000057-11-4	76
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	76



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.49	2.5	ng/ul	371831	4	17.64	2927670	20.0