

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101216\
 Data File : BG024297.D
 Acq On : 12 Oct 2016 12:24
 Operator : UM/SJ
 Sample : H5145-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDN90

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	3.648	134	138	145	rVB5	29526	52837	1.41%	0.116%
2	4.417	266	269	277	rVB8	16942	31814	0.85%	0.070%
3	4.764	325	328	331	rBV5	14229	24436	0.65%	0.054%
4	5.357	423	429	432	rBV6	9560	13072	0.35%	0.029%
5	5.592	467	469	474	rVB5	9661	14307	0.38%	0.031%
6	5.657	474	480	483	rBV7	11027	22957	0.61%	0.050%
7	5.898	515	521	523	rVB5	8025	12225	0.33%	0.027%
8	6.186	568	570	576	rVB2	10134	15966	0.43%	0.035%
9	6.315	588	592	594	rBV3	16253	23901	0.64%	0.052%
10	6.480	618	620	624	rBV5	10284	13839	0.37%	0.030%
11	6.556	631	633	637	rVB4	10278	13903	0.37%	0.030%
12	6.597	637	640	643	rBV4	9105	14969	0.40%	0.033%
13	6.903	688	692	696	rVB7	7102	12639	0.34%	0.028%
14	7.055	713	718	720	rBV5	11948	17333	0.46%	0.038%
15	7.202	741	743	746	rBV4	10954	15283	0.41%	0.034%
16	7.414	771	779	796	rVB	476486	887403	23.64%	1.947%
17	7.602	805	811	819	rBV	323705	550797	14.67%	1.208%
18	7.807	839	846	859	rBV	435152	814379	21.70%	1.787%
19	7.931	862	867	871	rVB6	8275	13440	0.36%	0.029%
20	8.289	917	928	939	rBV	536437	965072	25.71%	2.117%
21	8.765	1007	1009	1013	rBV4	8057	12499	0.33%	0.027%
22	8.977	1037	1045	1053	rBV2	581272	1045737	27.86%	2.294%
23	9.135	1071	1072	1076	rVB4	10854	11750	0.31%	0.026%
24	9.464	1118	1128	1135	rBV	472235	899962	23.98%	1.974%
25	9.811	1185	1187	1192	rBV5	18721	22258	0.59%	0.049%
26	10.187	1243	1251	1261	rVB2	417923	770555	20.53%	1.690%
27	10.269	1261	1265	1269	rVB6	12542	13421	0.36%	0.029%
28	10.363	1275	1281	1283	rBV6	8927	13749	0.37%	0.030%
29	10.475	1295	1300	1303	rBV6	9701	14195	0.38%	0.031%
30	10.722	1334	1342	1352	rVB	614631	1130992	30.13%	2.481%
31	11.115	1400	1409	1418	rBV	774733	1451889	38.68%	3.185%
32	11.245	1423	1431	1442	rBV	599478	1136866	30.29%	2.494%
33	11.509	1470	1476	1478	rVB6	9754	12509	0.33%	0.027%
34	11.544	1478	1482	1487	rBV6	8345	16787	0.45%	0.037%

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35	11.832	1529	1531	1538	rVB7	10362	15866	0.42%	0.035%
36	12.196	1585	1593	1594	rVB7	9675	20896	0.56%	0.046%
37	12.255	1600	1603	1608	rBV6	9182	12005	0.32%	0.026%
38	12.426	1628	1632	1635	rBV5	9236	16054	0.43%	0.035%
39	12.502	1642	1645	1648	rBV5	11429	12431	0.33%	0.027%
40	12.672	1669	1674	1679	rBV5	15930	28908	0.77%	0.063%
41	12.978	1722	1726	1728	rBV3	8418	11964	0.32%	0.026%
42	13.101	1743	1747	1750	rVB4	9548	15591	0.42%	0.034%
43	13.213	1762	1766	1769	rBV6	8411	12965	0.35%	0.028%
44	13.260	1771	1774	1779	rBV7	8470	14715	0.39%	0.032%
45	13.495	1810	1814	1818	rBV7	12879	15018	0.40%	0.033%
46	13.701	1845	1849	1854	rVB9	10305	16480	0.44%	0.036%
47	13.771	1854	1861	1865	rBV8	24181	44140	1.18%	0.097%
48	14.294	1936	1950	1955	rBV	1322737	2052104	54.67%	4.502%
49	14.341	1955	1958	1965	rVV	609236	877257	23.37%	1.924%
50	14.400	1965	1968	1970	rVV4	15392	12921	0.34%	0.028%
51	14.517	1985	1988	1994	rVB6	10162	16930	0.45%	0.037%
52	14.599	1994	2002	2013	rBV	1301037	2191538	58.38%	4.808%
53	14.758	2024	2029	2033	rVB6	28395	44094	1.17%	0.097%
54	14.905	2046	2054	2061	rBV	1397661	2278709	60.71%	4.999%
55	15.064	2073	2081	2093	rBV	698062	1133157	30.19%	2.486%
56	15.199	2102	2104	2110	rVV6	10702	23047	0.61%	0.051%
57	15.269	2110	2116	2119	rVB8	18329	40653	1.08%	0.089%
58	15.316	2119	2124	2128	rVB8	19694	29733	0.79%	0.065%
59	15.375	2128	2134	2141	rBV9	22251	48384	1.29%	0.106%
60	15.451	2141	2147	2153	rVB8	13215	24449	0.65%	0.054%
61	15.657	2178	2182	2186	rBV7	17436	32711	0.87%	0.072%
62	15.704	2186	2190	2197	rVV2	81856	127094	3.39%	0.279%
63	15.780	2197	2203	2204	rVB5	9436	15253	0.41%	0.033%
64	15.892	2214	2222	2229	rBV	1886082	2964807	78.98%	6.504%
65	15.986	2233	2238	2249	rVB	628833	1007968	26.85%	2.211%
66	16.115	2249	2260	2268	rBV8	36592	130485	3.48%	0.286%
67	16.203	2274	2275	2280	rVB5	17151	20610	0.55%	0.045%
68	16.256	2280	2284	2289	rBV7	19938	41224	1.10%	0.090%
69	16.321	2293	2295	2300	rBV6	17250	24412	0.65%	0.054%
70	16.568	2332	2337	2346	rBV	115385	208192	5.55%	0.457%
71	16.668	2352	2354	2359	rVB6	14088	22940	0.61%	0.050%

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Peak Location: TOP

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72	16.832	2378	2382	2390	rBV9	12332	31701	0.84%	0.070%
73	16.909	2392	2395	2401	rBV8	19619	35464	0.94%	0.078%
74	17.073	2421	2423	2428	rBV5	16339	22248	0.59%	0.049%
75	17.138	2431	2434	2439	rBV6	13748	23647	0.63%	0.052%
76	17.314	2458	2464	2466	rBV7	13701	28634	0.76%	0.063%
77	17.361	2466	2472	2477	rBV3	136675	216045	5.76%	0.474%
78	17.408	2477	2480	2482	rVV3	21734	20554	0.55%	0.045%
79	17.643	2512	2520	2530	rBV	1789013	2803033	74.67%	6.149%
80	17.743	2530	2537	2546	rVB2	2059981	3268678	87.08%	7.171%
81	17.802	2546	2547	2550	rBV3	14403	12207	0.33%	0.027%
82	17.896	2559	2563	2564	rBV4	12566	13909	0.37%	0.031%
83	18.095	2594	2597	2601	rBV6	23075	24355	0.65%	0.053%
84	18.230	2617	2620	2623	rBV5	9797	13346	0.36%	0.029%
85	18.372	2638	2644	2650	rBV5	19443	43384	1.16%	0.095%
86	18.489	2659	2664	2675	rBV2	317780	431716	11.50%	0.947%
87	18.865	2726	2728	2731	rBV3	16307	19867	0.53%	0.044%
88	19.041	2756	2758	2761	rVB4	12572	13096	0.35%	0.029%
89	19.065	2761	2762	2766	rBV4	10245	12724	0.34%	0.028%
90	19.341	2807	2809	2814	rBV5	13782	14308	0.38%	0.031%
91	19.558	2844	2846	2849	rBV4	17397	20288	0.54%	0.045%
92	19.641	2852	2860	2871	rBV8	48413	148379	3.95%	0.326%
93	19.746	2874	2878	2883	rBV4	154281	205871	5.48%	0.452%
94	19.899	2900	2904	2911	rVB7	33581	56805	1.51%	0.125%
95	20.011	2915	2923	2931	rBV	2528688	3753680	100.00%	8.235%
96	21.527	3177	3181	3191	rBV6	160414	294001	7.83%	0.645%
97	21.944	3244	3252	3260	rVB	1754594	3154968	84.05%	6.921%
98	23.701	3547	3551	3560	rVB5	117182	235930	6.29%	0.518%
99	25.152	3787	3798	3818	rVB	1172621	3654496	97.36%	8.017%
100	25.393	3827	3839	3852	rVB2	1052304	3321745	88.49%	7.287%

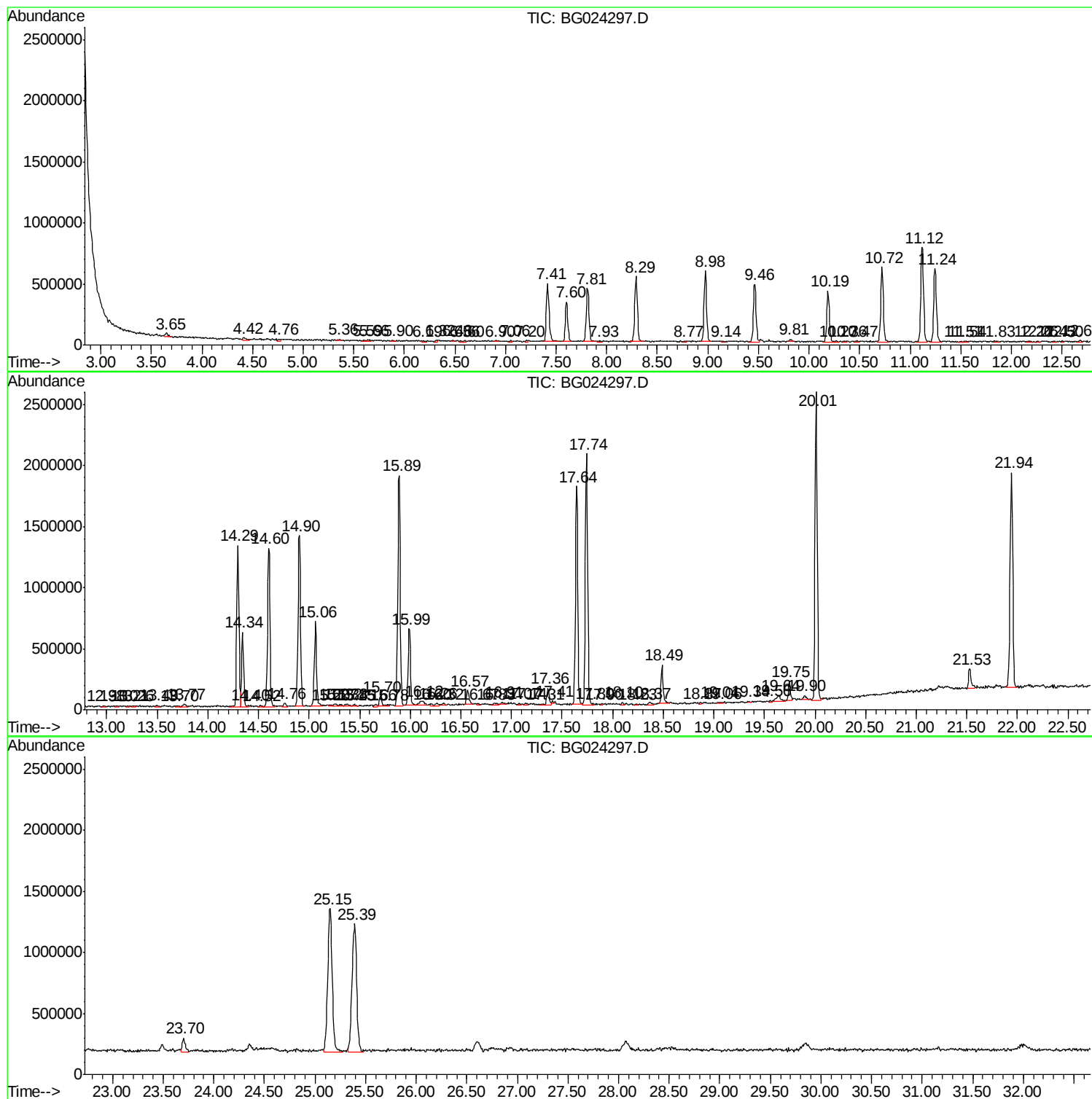
Sum of corrected areas: 45584525

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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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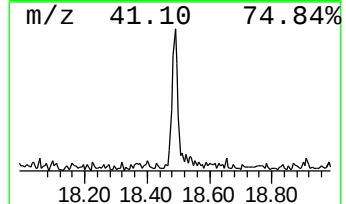
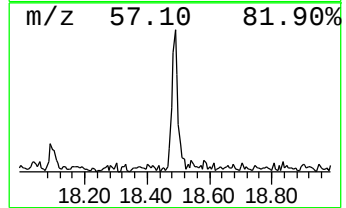
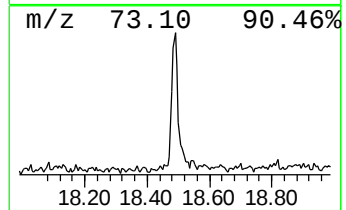
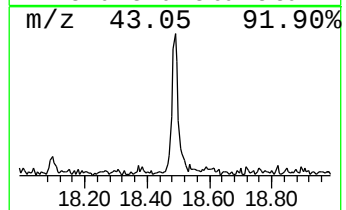
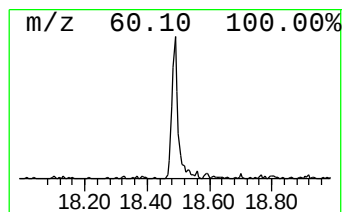
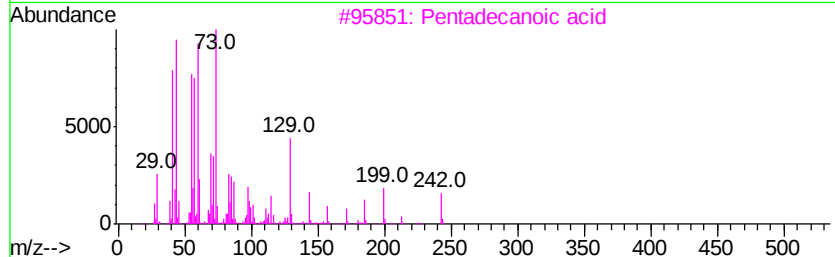
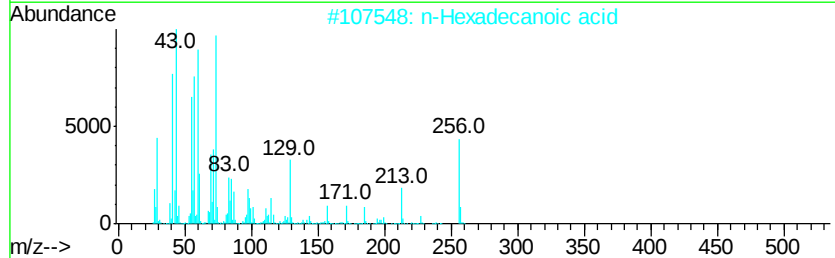
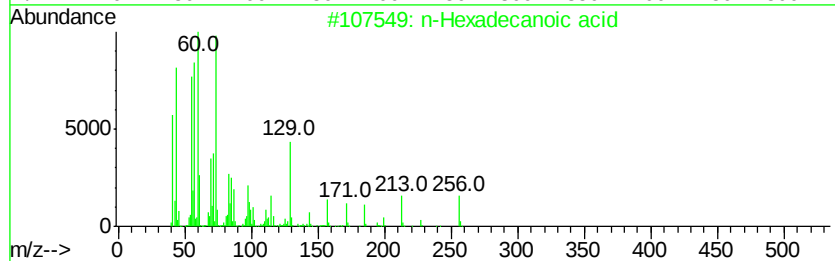
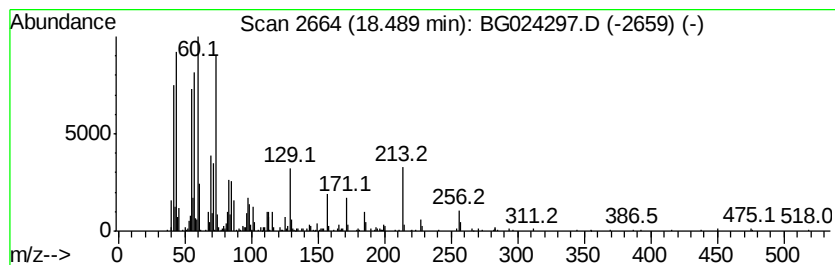
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	3.08 ng/ul	431716	Phenanthrene-d10	17.64

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87	
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81	
4	Octadecanoic acid	284	C18H36O2	000057-11-4	81	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	74	



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.49	3.1	ng/ul	431716	4	17.64	2803030	20.0