

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081316\
 Data File : BG023684.D
 Acq On : 13 Aug 2016 12:07
 Operator : UM/SJ
 Sample : H4388-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR002-SS002-2430-01

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-BG080416.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	3.345	84	86	90	rBV5	4561	4156	0.16%	0.014%
2	3.480	105	109	115	rBV	18885	29122	1.14%	0.101%
3	3.586	125	127	129	rBV2	4630	4461	0.17%	0.015%
4	3.780	158	160	162	rBV3	5500	4272	0.17%	0.015%
5	4.179	227	228	231	rVB3	4298	3561	0.14%	0.012%
6	4.238	234	238	240	rBV4	5053	6638	0.26%	0.023%
7	4.402	264	266	268	rBV2	4552	3476	0.14%	0.012%
8	4.573	291	295	297	rBV3	3902	4313	0.17%	0.015%
9	4.649	305	308	310	rBV4	3932	4603	0.18%	0.016%
10	5.142	390	392	395	rVB3	3218	3779	0.15%	0.013%
11	5.178	395	398	399	rBV3	4868	3513	0.14%	0.012%
12	5.307	416	420	423	rBV3	3450	4122	0.16%	0.014%
13	5.377	430	432	436	rBV3	4197	5701	0.22%	0.020%
14	5.530	455	458	461	rVB2	4355	5222	0.20%	0.018%
15	5.689	483	485	488	rBV4	4804	3634	0.14%	0.013%
16	5.748	491	495	496	rBV4	2956	4076	0.16%	0.014%
17	5.900	518	521	522	rBV2	4548	3701	0.14%	0.013%
18	6.734	658	663	665	rVB3	4553	5363	0.21%	0.019%
19	6.840	680	681	685	rVB3	4247	3696	0.14%	0.013%
20	6.893	685	690	693	rBV3	2984	5943	0.23%	0.021%
21	7.052	714	717	718	rBV2	4069	3734	0.15%	0.013%
22	7.087	721	723	728	rVV4	2281	4630	0.18%	0.016%
23	7.269	745	754	764	rVV	326194	621615	24.33%	2.152%
24	7.428	773	781	790	rBV	266297	447852	17.53%	1.551%
25	7.510	794	795	799	rVB4	4925	6002	0.23%	0.021%
26	7.639	810	817	829	rBV	327194	566934	22.19%	1.963%
27	7.745	832	835	836	rBV3	5473	4815	0.19%	0.017%
28	8.109	891	897	906	rVV	306537	525369	20.56%	1.819%
29	8.309	930	931	934	rBV3	3193	3809	0.15%	0.013%
30	8.526	966	968	972	rVB3	4090	5527	0.22%	0.019%
31	8.826	1012	1019	1030	rBV2	394205	715930	28.02%	2.479%
32	8.955	1039	1041	1044	rVB4	3300	3640	0.14%	0.013%
33	9.090	1061	1064	1065	rBV2	5215	3574	0.14%	0.012%
34	9.290	1090	1098	1106	rBV	345221	608472	23.81%	2.107%

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 Title : SVOA CALIBRATION

35	9.413	1116	1119	1120	rBV3	3652	3818	0.15%	0.013%
36	9.660	1158	1161	1162	rBV3	4943	3859	0.15%	0.013%
37	10.018	1216	1222	1231	rBV	287499	528781	20.69%	1.831%
38	10.136	1239	1242	1243	rBV3	3290	3793	0.15%	0.013%
39	10.153	1243	1245	1248	rVB4	5017	5115	0.20%	0.018%
40	10.259	1262	1263	1267	rVB3	4333	4115	0.16%	0.014%
41	10.429	1290	1292	1295	rBV3	4144	4235	0.17%	0.015%
42	10.570	1307	1316	1329	rBV	383812	810401	31.72%	2.806%
43	10.946	1372	1380	1389	rBV	467196	852609	33.37%	2.952%
44	11.087	1397	1404	1415	rBV	394677	757378	29.64%	2.622%
45	11.499	1471	1474	1476	rBV2	4545	5822	0.23%	0.020%
46	11.640	1496	1498	1502	rVB2	3605	4014	0.16%	0.014%
47	11.722	1510	1512	1515	rBV2	3451	4147	0.16%	0.014%
48	11.792	1520	1524	1528	rVB4	3108	5296	0.21%	0.018%
49	11.951	1548	1551	1555	rBV3	3534	4957	0.19%	0.017%
50	12.127	1578	1581	1584	rBV4	3352	5439	0.21%	0.019%
51	12.433	1629	1633	1635	rVB2	3297	3710	0.15%	0.013%
52	12.509	1643	1646	1648	rBV3	4007	3724	0.15%	0.013%
53	12.538	1648	1651	1657	rVB3	9365	14144	0.55%	0.049%
54	12.744	1684	1686	1691	rVB4	3540	4873	0.19%	0.017%
55	13.073	1739	1742	1745	rBV4	2559	3552	0.14%	0.012%
56	13.132	1745	1752	1755	rBV6	5095	9453	0.37%	0.033%
57	13.326	1784	1785	1790	rVB4	4195	3825	0.15%	0.013%
58	13.373	1790	1793	1795	rBV3	4543	5083	0.20%	0.018%
59	13.525	1816	1819	1822	rVB2	3617	3911	0.15%	0.014%
60	13.649	1837	1840	1843	rBV3	6084	9258	0.36%	0.032%
61	13.813	1866	1868	1870	rBV3	5672	4154	0.16%	0.014%
62	13.966	1889	1894	1898	rBV6	5402	7746	0.30%	0.027%
63	14.177	1922	1930	1935	rBV	878873	1370557	53.64%	4.745%
64	14.224	1935	1938	1945	rVB	476400	679051	26.58%	2.351%
65	14.477	1974	1981	1988	rBV	956247	1552053	60.74%	5.373%
66	14.653	2006	2011	2015	rVB2	34672	47613	1.86%	0.165%
67	14.694	2015	2018	2020	rBV3	4466	4680	0.18%	0.016%
68	14.788	2027	2034	2042	rBV2	864662	1356216	53.08%	4.695%
69	15.011	2066	2072	2087	rBV2	250409	642245	25.13%	2.224%
70	15.205	2102	2105	2108	rVB4	9738	12112	0.47%	0.042%
71	15.264	2113	2115	2119	rVV4	8243	9230	0.36%	0.032%

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72	15.346	2126	2129	2131	rVB3	9774	9161	0.36%	0.032%
73	15.523	2158	2159	2162	rBV3	3865	3685	0.14%	0.013%
74	15.564	2165	2166	2168	rVB2	9568	5296	0.21%	0.018%
75	15.611	2169	2174	2179	rVB2	75700	100186	3.92%	0.347%
76	15.781	2197	2203	2213	rBV	1348176	2083087	81.52%	7.212%
77	15.910	2220	2225	2236	rBV	343666	593269	23.22%	2.054%
78	16.016	2237	2243	2248	rVB8	34671	73747	2.89%	0.255%
79	16.169	2265	2269	2273	rBV5	13076	20093	0.79%	0.070%
80	16.233	2277	2280	2283	rVB2	11472	16299	0.64%	0.056%
81	16.474	2317	2321	2331	rBV2	85958	159986	6.26%	0.554%
82	16.932	2396	2399	2404	rVB8	10315	14519	0.57%	0.050%
83	16.991	2406	2409	2411	rBV3	8624	10225	0.40%	0.035%
84	17.273	2453	2457	2462	rBV	46715	56742	2.22%	0.196%
85	17.326	2464	2466	2472	rVB4	15665	20854	0.82%	0.072%
86	17.549	2497	2504	2512	rBV2	1104051	1787370	69.95%	6.188%
87	17.649	2515	2521	2529	rVB	1414136	2243009	87.78%	7.766%
88	17.919	2559	2567	2569	rBV7	15155	32425	1.27%	0.112%
89	18.019	2582	2584	2590	rVB5	17278	14934	0.58%	0.052%
90	18.360	2641	2642	2645	rBV3	6575	5799	0.23%	0.020%
91	18.424	2649	2653	2661	rBV2	161339	245994	9.63%	0.852%
92	18.612	2683	2685	2687	rBV4	7880	6956	0.27%	0.024%
93	18.730	2703	2705	2708	rBV4	6083	6822	0.27%	0.024%
94	18.783	2712	2714	2715	rBV2	6750	5448	0.21%	0.019%
95	19.335	2807	2808	2809	rBV	9382	4194	0.16%	0.015%
96	19.946	2906	2912	2922	rVB	1743390	2555190	100.00%	8.846%
97	21.479	3169	3173	3177	rBV5	80797	166302	6.51%	0.576%
98	21.879	3235	3241	3247	rVB2	1102716	1908838	74.70%	6.609%
99	25.051	3772	3781	3793	rVB2	779547	2244202	87.83%	7.770%
100	25.286	3812	3821	3840	rVB2	645389	2103125	82.31%	7.281%

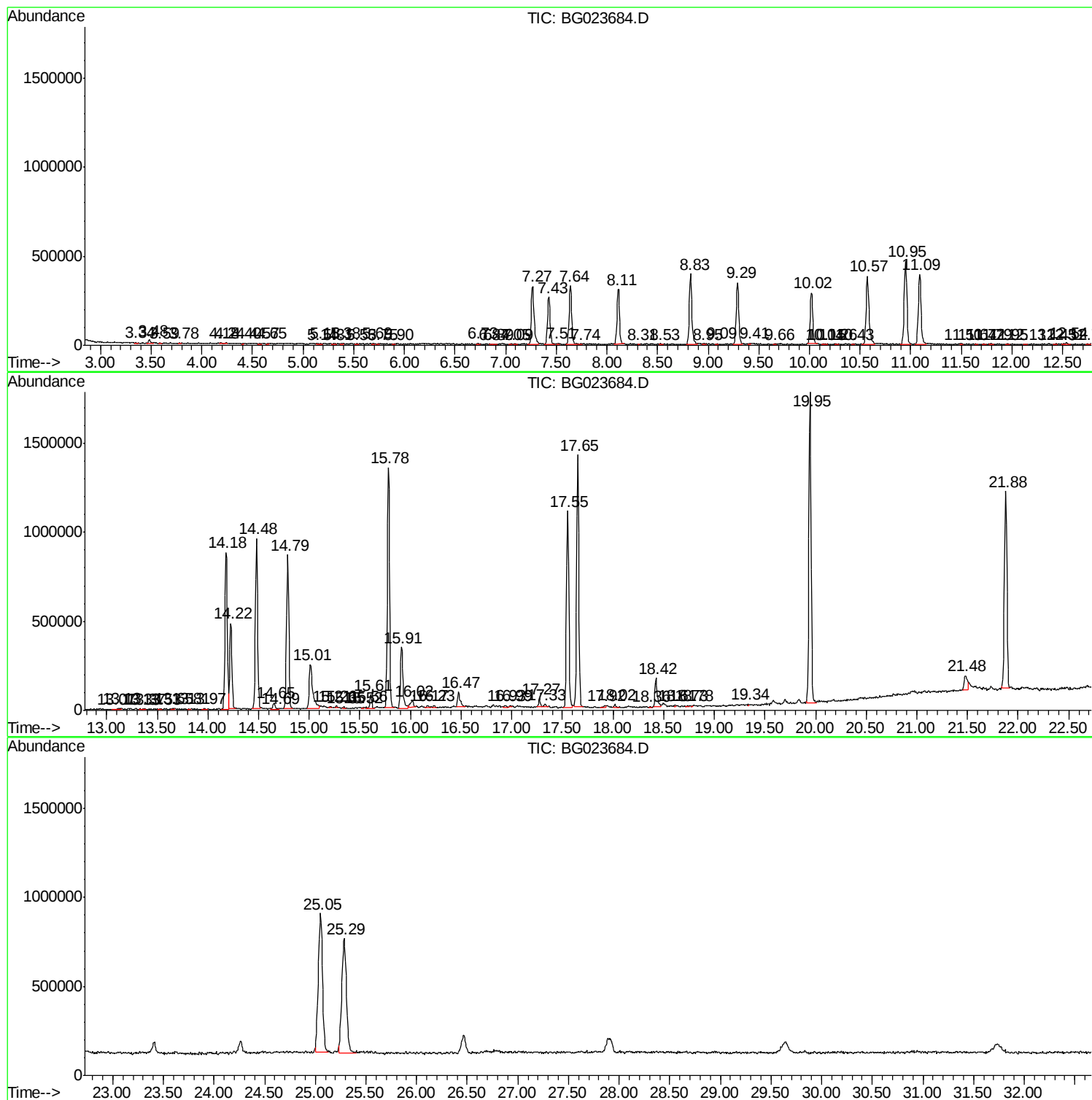
Sum of corrected areas: 28883981

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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



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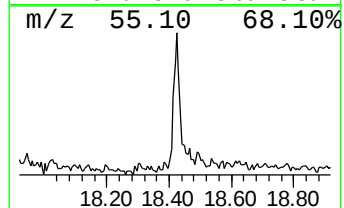
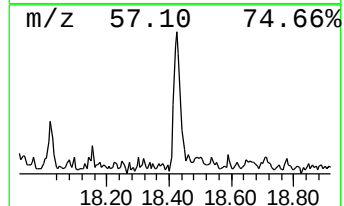
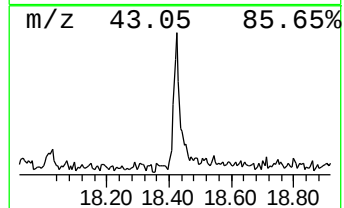
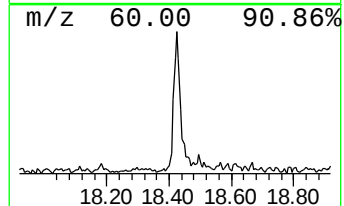
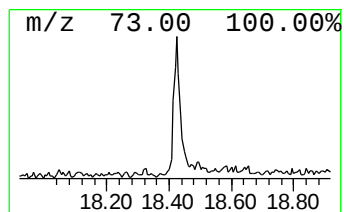
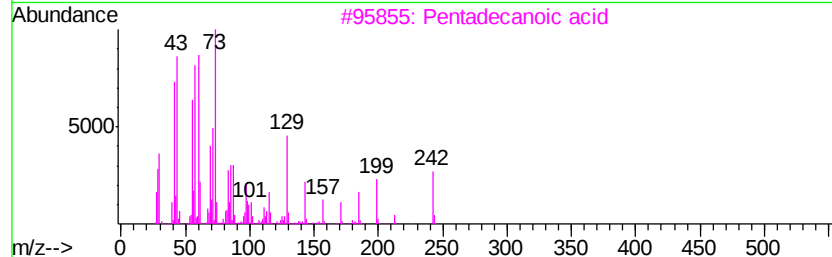
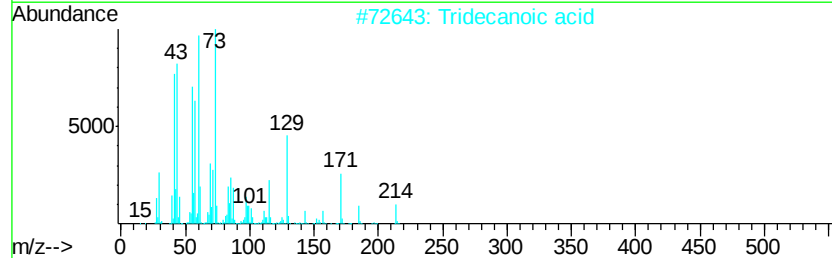
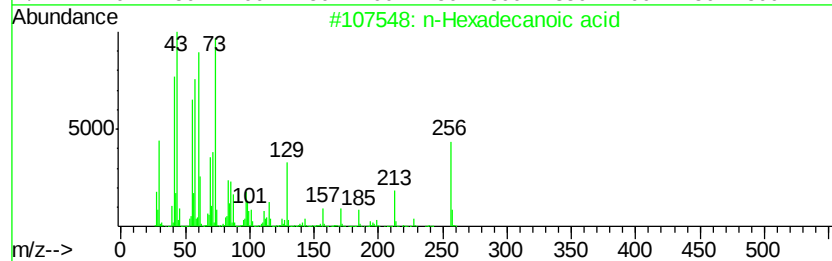
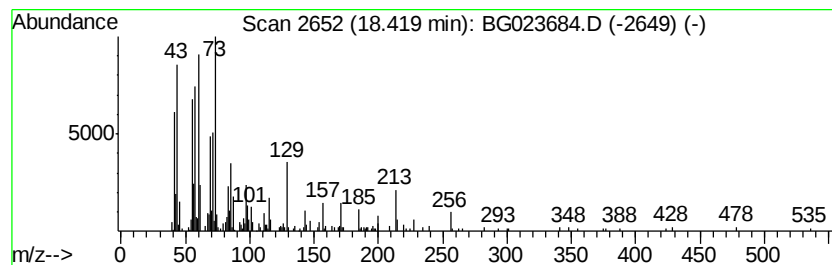
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	2.75 ng/ul	245994	Phenanthrene-d10	17.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	90
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4		Octadecanoic acid	284	C18H36O2	000057-11-4	68
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.42	2.8	ng/ul	245994	4	17.55	1787370	20.0