

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051016\
 Data File : BG021823.D
 Acq On : 10 May 2016 19:22
 Operator : UM/SJ
 Sample : H2938-13
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XB1

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-BG050916.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	3.264	68	72	77	rBV	19893	28898	1.39%	0.132%
2	3.352	83	87	97	rVB5	11262	25003	1.20%	0.115%
3	3.575	120	125	130	rVB2	10313	16979	0.82%	0.078%
4	4.004	195	198	203	rVB4	5372	8738	0.42%	0.040%
5	4.104	210	215	224	rBV2	19641	35482	1.70%	0.163%
6	4.186	225	229	233	rVB4	2705	4386	0.21%	0.020%
7	4.339	251	255	260	rVB4	3332	5779	0.28%	0.026%
8	4.897	346	350	356	rVB7	4263	7738	0.37%	0.035%
9	5.349	425	427	436	rVB6	3429	6019	0.29%	0.028%
10	6.172	561	567	574	rVB6	3961	9541	0.46%	0.044%
11	7.329	756	764	777	rBV	149678	319821	15.35%	1.465%
12	7.500	786	793	806	rBV	142487	284628	13.66%	1.304%
13	7.711	822	829	839	rVV	187482	370983	17.81%	1.700%
14	8.181	900	909	925	rVV	184479	388575	18.65%	1.780%
15	8.410	943	948	955	rVB5	1950	4248	0.20%	0.019%
16	8.880	1020	1028	1040	rVV2	142825	295982	14.21%	1.356%
17	9.351	1099	1108	1120	rBV	159078	347486	16.68%	1.592%
18	9.433	1120	1122	1129	rVB5	7003	11587	0.56%	0.053%
19	9.744	1172	1175	1181	rVB4	4288	6277	0.30%	0.029%
20	10.073	1221	1231	1243	rBV	115673	249914	12.00%	1.145%
21	10.408	1284	1288	1290	rBV2	2494	3837	0.18%	0.018%
22	10.614	1314	1323	1342	rBV	227920	501512	24.08%	2.298%
23	11.002	1377	1389	1403	rBV	337596	721090	34.62%	3.304%
24	11.137	1405	1412	1426	rBV	116006	290599	13.95%	1.332%
25	11.524	1474	1478	1484	rBV4	2105	3508	0.17%	0.016%
26	11.995	1554	1558	1559	rBV2	3309	3997	0.19%	0.018%
27	12.394	1620	1626	1631	rVB4	2720	5970	0.29%	0.027%
28	12.653	1665	1670	1677	rVB3	3083	6294	0.30%	0.029%
29	13.328	1780	1785	1788	rBV	2767	3157	0.15%	0.014%
30	13.610	1828	1833	1839	rBV6	7846	12207	0.59%	0.056%
31	13.681	1841	1845	1852	rVB4	2935	5566	0.27%	0.026%
32	13.975	1892	1895	1901	rVB6	3233	6980	0.34%	0.032%
33	14.116	1915	1919	1920	rBV	4323	4039	0.19%	0.019%
34	14.198	1926	1933	1938	rBV	517759	858882	41.23%	3.935%

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35	14.245	1938	1941	1949	rVV	112310	183885	8.83%	0.843%
36	14.304	1949	1951	1957	rVB3	4863	6935	0.33%	0.032%
37	14.386	1961	1965	1969	rVB6	3741	5167	0.25%	0.024%
38	14.497	1976	1984	1996	rBV	702009	1238234	59.44%	5.674%
39	14.674	2009	2014	2022	rVB	30869	48782	2.34%	0.224%
40	14.803	2028	2036	2044	rBV2	586433	1033893	49.63%	4.737%
41	14.868	2044	2047	2051	rVB5	7061	10201	0.49%	0.047%
42	14.991	2061	2068	2081	rBV	79646	236976	11.38%	1.086%
43	15.185	2098	2101	2107	rVB6	7219	12220	0.59%	0.056%
44	15.232	2107	2109	2112	rVB3	5038	4671	0.22%	0.021%
45	15.297	2116	2120	2127	rVB7	9432	18532	0.89%	0.085%
46	15.355	2127	2130	2134	rBV5	6489	9228	0.44%	0.042%
47	15.467	2147	2149	2152	rVB4	4124	4392	0.21%	0.020%
48	15.526	2152	2159	2163	rVB5	4538	8588	0.41%	0.039%
49	15.579	2163	2168	2171	rBV4	9099	16398	0.79%	0.075%
50	15.626	2171	2176	2180	rVB	51840	71963	3.45%	0.330%
51	15.690	2182	2187	2191	rBV4	3582	6520	0.31%	0.030%
52	15.790	2197	2204	2210	rBV	922223	1531126	73.50%	7.016%
53	15.896	2217	2222	2236	rVB	127018	228054	10.95%	1.045%
54	16.025	2238	2244	2249	rVV4	26544	49757	2.39%	0.228%
55	16.066	2249	2251	2257	rVB7	5353	6280	0.30%	0.029%
56	16.131	2257	2262	2266	rBV6	5927	9902	0.48%	0.045%
57	16.172	2266	2269	2274	rVB5	6212	9668	0.46%	0.044%
58	16.242	2277	2281	2285	rBV5	7318	11525	0.55%	0.053%
59	16.483	2318	2322	2335	rVV	48379	110199	5.29%	0.505%
60	16.607	2340	2343	2344	rBV3	3725	3366	0.16%	0.015%
61	16.742	2364	2366	2370	rVB5	3812	4421	0.21%	0.020%
62	16.801	2373	2376	2377	rBV2	4518	3243	0.16%	0.015%
63	16.824	2377	2380	2384	rBV5	7877	14986	0.72%	0.069%
64	16.942	2397	2400	2404	rVB6	4246	5950	0.29%	0.027%
65	16.995	2406	2409	2412	rVB5	5080	6043	0.29%	0.028%
66	17.071	2417	2422	2428	rBV6	17255	36935	1.77%	0.169%
67	17.194	2440	2443	2444	rBV3	7167	6361	0.31%	0.029%
68	17.277	2451	2457	2463	rBV4	33941	52855	2.54%	0.242%
69	17.335	2463	2467	2470	rVV5	9369	15783	0.76%	0.072%
70	17.365	2470	2472	2478	rVV4	6253	8031	0.39%	0.037%
71	17.412	2478	2480	2483	rVB4	9930	10584	0.51%	0.048%

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72	17.476	2488	2491	2496	rVB7	5061	5170	0.25%	0.024%
73	17.541	2496	2502	2507	rBV2	659372	1138274	54.64%	5.216%
74	17.582	2507	2509	2514	rVV	124472	196980	9.46%	0.903%
75	17.641	2514	2519	2535	rVB	813604	1476027	70.86%	6.763%
76	17.823	2546	2550	2555	rBV8	4712	10004	0.48%	0.046%
77	17.952	2567	2572	2577	rVV3	9615	19920	0.96%	0.091%
78	18.017	2579	2583	2587	rVB3	13369	17837	0.86%	0.082%
79	18.199	2611	2614	2618	rBV6	4917	7036	0.34%	0.032%
80	18.299	2626	2631	2636	rBV9	8975	20455	0.98%	0.094%
81	18.352	2636	2640	2644	rBV6	8324	13642	0.65%	0.063%
82	18.411	2645	2650	2656	rBV2	84872	144971	6.96%	0.664%
83	18.493	2657	2664	2670	rVB	1095492	1613771	77.47%	7.394%
84	18.610	2678	2684	2687	rBV5	23543	43346	2.08%	0.199%
85	18.646	2688	2690	2696	rVB6	19755	24026	1.15%	0.110%
86	18.704	2697	2700	2702	rBV4	10586	13081	0.63%	0.060%
87	18.910	2732	2735	2739	rBV5	11278	14974	0.72%	0.069%
88	18.945	2739	2741	2748	rVB7	12989	20043	0.96%	0.092%
89	19.145	2772	2775	2780	rBV7	10364	21145	1.02%	0.097%
90	19.321	2802	2805	2811	rVB6	19616	28518	1.37%	0.131%
91	19.462	2826	2829	2834	rVB6	13169	22939	1.10%	0.105%
92	19.586	2844	2850	2858	rVB	254301	405691	19.48%	1.859%
93	19.674	2862	2865	2870	rVB7	26493	41902	2.01%	0.192%
94	19.921	2900	2907	2919	rVB2	1076879	2083059	100.00%	9.545%
95	21.442	3162	3166	3171	rBV3	81714	118146	5.67%	0.541%
96	21.701	3205	3210	3215	rVB	171312	267945	12.86%	1.228%
97	21.824	3223	3231	3237	rBV	683316	1498510	71.94%	6.866%
98	24.098	3614	3618	3626	rBV3	60257	142866	6.86%	0.655%
99	24.932	3752	3760	3770	rBV2	458169	1241482	59.60%	5.689%
100	25.161	3790	3799	3811	rBV	385829	1274919	61.20%	5.842%

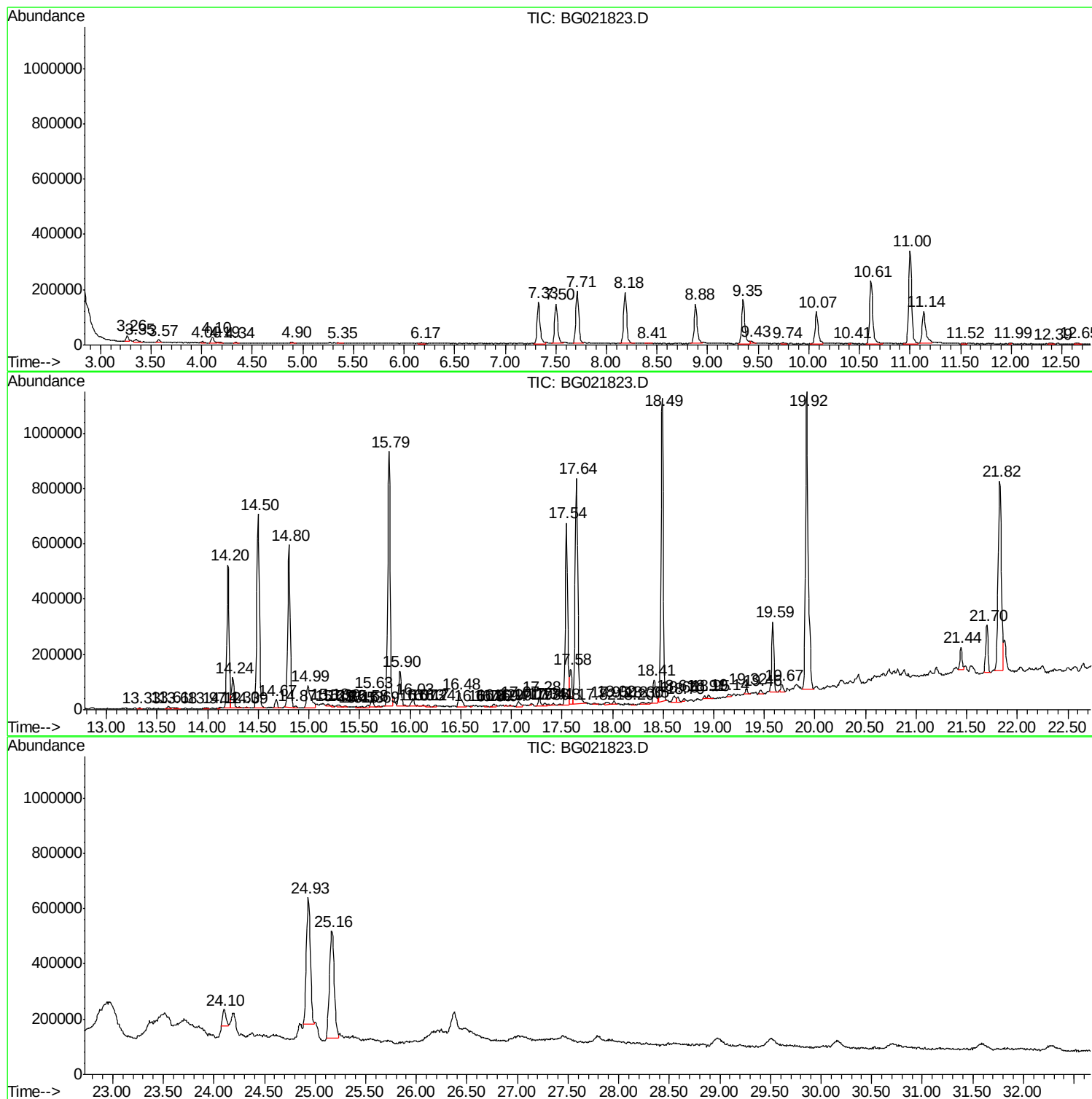
Sum of corrected areas: 21824035

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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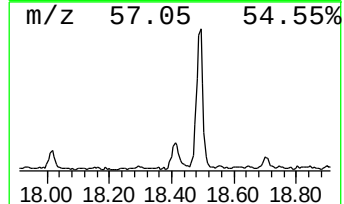
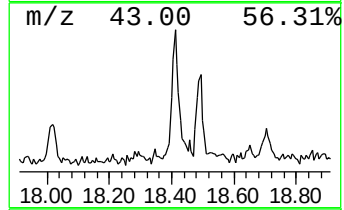
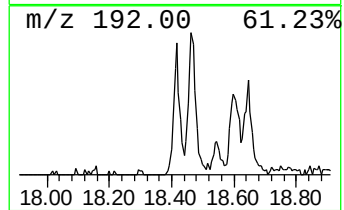
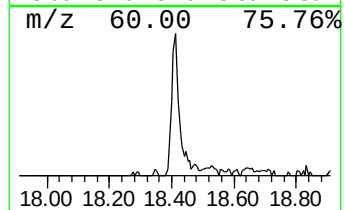
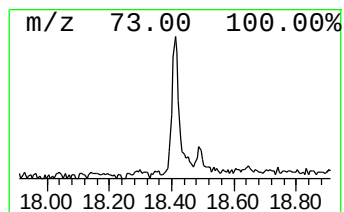
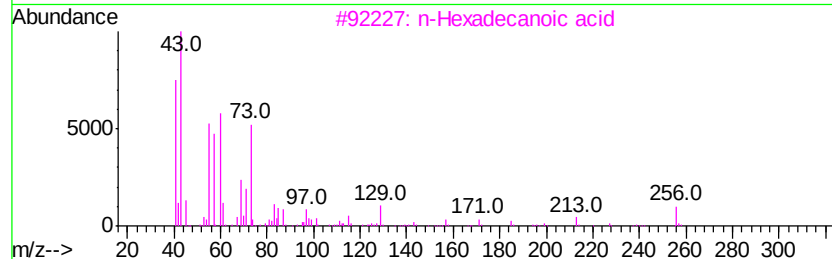
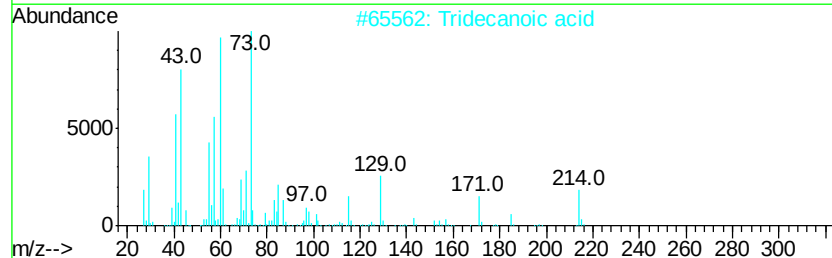
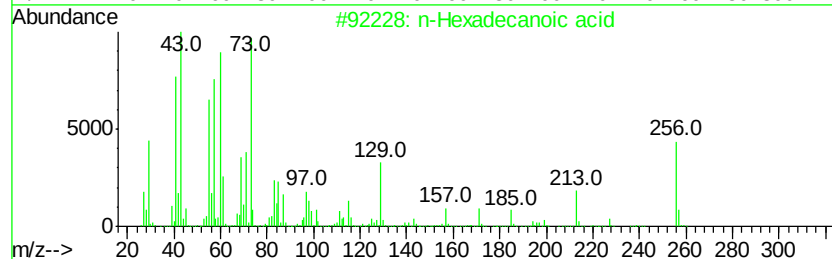
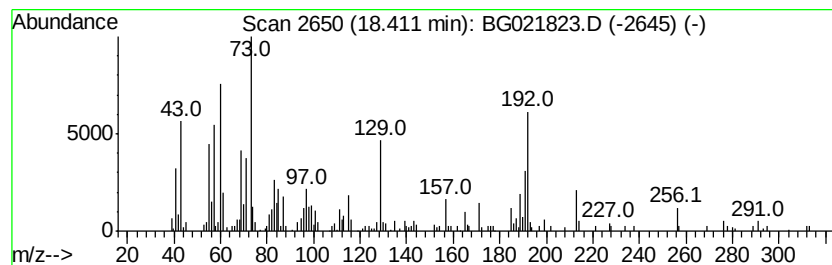
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	2.55 ng/ul	144971	Phenanthrene-d10	17.54

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	89
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	60



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.41	2.5	ng/ul	144971	4	17.54	1138270	20.0