

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051116\
 Data File : BG021851.D
 Acq On : 11 May 2016 19:40
 Operator : UM/SJ
 Sample : H2937-18
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9X96

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	3.255	67	71	82	rVB4	15933	29462	1.84%	0.189%
2	3.343	82	86	94	rVB6	5838	12185	0.76%	0.078%
3	3.572	120	125	129	rBV3	6045	10245	0.64%	0.066%
4	3.907	179	182	185	rBV4	1671	2144	0.13%	0.014%
5	4.001	195	198	202	rVB3	2747	4167	0.26%	0.027%
6	4.095	210	214	223	rBV	13292	24252	1.51%	0.156%
7	4.178	223	228	231	rVB5	1547	2631	0.16%	0.017%
8	4.330	249	254	255	rBV3	2062	2933	0.18%	0.019%
9	4.495	280	282	286	rVB2	1842	2649	0.17%	0.017%
10	4.689	314	315	321	rVB4	1546	2207	0.14%	0.014%
11	4.800	331	334	339	rVB4	1919	3443	0.21%	0.022%
12	4.888	346	349	350	rVV3	1927	1954	0.12%	0.013%
13	5.264	408	413	415	rBV4	1642	2716	0.17%	0.017%
14	5.347	422	427	428	rBV3	2582	2557	0.16%	0.016%
15	5.499	452	453	458	rVV3	2019	1960	0.12%	0.013%
16	5.676	479	483	486	rVB3	1595	1908	0.12%	0.012%
17	6.175	565	568	573	rVB2	1627	2257	0.14%	0.014%
18	7.151	732	734	740	rVB4	2153	2138	0.13%	0.014%
19	7.333	758	765	776	rVV	115208	239843	14.96%	1.541%
20	7.503	786	794	805	rBV	102858	202924	12.66%	1.304%
21	7.709	822	829	840	rBV	140243	282417	17.62%	1.814%
22	8.185	895	910	925	rBV	219578	456605	28.49%	2.933%
23	8.290	927	928	934	rVV5	3255	5481	0.34%	0.035%
24	8.884	1020	1029	1038	rBV	172106	352157	21.97%	2.262%
25	8.972	1043	1044	1049	rVV4	2018	2872	0.18%	0.018%
26	9.078	1060	1062	1068	rVB4	1925	3068	0.19%	0.020%
27	9.354	1101	1109	1121	rBV	109475	244018	15.22%	1.568%
28	9.630	1154	1156	1160	rVB3	1598	1978	0.12%	0.013%
29	9.736	1170	1174	1176	rBV3	1851	2442	0.15%	0.016%
30	9.912	1199	1204	1211	rVV2	12624	24407	1.52%	0.157%
31	10.076	1224	1232	1243	rBV2	87669	193126	12.05%	1.241%
32	10.165	1245	1247	1249	rVV3	2502	2640	0.16%	0.017%
33	10.223	1252	1257	1259	rVV3	2815	5545	0.35%	0.036%
34	10.294	1267	1269	1273	rVB2	1741	1904	0.12%	0.012%

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35	10.394	1279	1286	1288	rBV5	2227	3202	0.20%	0.021%
36	10.617	1316	1324	1337	rBV	176573	373505	23.30%	2.399%
37	10.758	1344	1348	1351	rVB3	1178	2004	0.13%	0.013%
38	10.999	1375	1389	1403	rBV	390746	828277	51.67%	5.321%
39	11.140	1405	1413	1423	rVV	39098	102399	6.39%	0.658%
40	11.210	1423	1425	1427	rVV2	5037	5786	0.36%	0.037%
41	11.257	1430	1433	1439	rVV6	2764	6289	0.39%	0.040%
42	11.604	1485	1492	1495	rVB4	1414	2846	0.18%	0.018%
43	11.692	1504	1507	1512	rBV2	1552	2869	0.18%	0.018%
44	12.004	1552	1560	1566	rVB3	5454	11427	0.71%	0.073%
45	12.391	1621	1626	1631	rVB5	5117	8785	0.55%	0.056%
46	12.509	1639	1646	1648	rBV4	3462	6767	0.42%	0.043%
47	12.650	1663	1670	1676	rVB	11592	21549	1.34%	0.138%
48	12.856	1699	1705	1714	rBV3	9924	20051	1.25%	0.129%
49	13.161	1753	1757	1758	rBV2	1987	1958	0.12%	0.013%
50	13.326	1779	1785	1792	rVV5	4752	8513	0.53%	0.055%
51	13.402	1796	1798	1803	rVV3	1871	3008	0.19%	0.019%
52	13.443	1803	1805	1810	rVB4	1987	3109	0.19%	0.020%
53	13.614	1827	1834	1837	rBV4	9473	16101	1.00%	0.103%
54	13.684	1841	1846	1851	rVB2	10679	16576	1.03%	0.106%
55	13.831	1869	1871	1873	rBV3	2045	1939	0.12%	0.012%
56	13.972	1888	1895	1904	rVB6	5914	16019	1.00%	0.103%
57	14.125	1915	1921	1926	rBV5	11052	21780	1.36%	0.140%
58	14.201	1926	1934	1939	rVV	356824	612880	38.24%	3.937%
59	14.248	1939	1942	1950	rVV2	56986	98928	6.17%	0.635%
60	14.313	1950	1953	1957	rVV6	3899	6730	0.42%	0.043%
61	14.360	1957	1961	1964	rVV4	6337	11412	0.71%	0.073%
62	14.389	1964	1966	1971	rVB2	5281	5503	0.34%	0.035%
63	14.501	1977	1985	1995	rBV	491860	875929	54.65%	5.627%
64	14.642	2005	2009	2011	rVV3	2022	3735	0.23%	0.024%
65	14.677	2011	2015	2021	rVB2	20643	33097	2.06%	0.213%
66	14.806	2025	2037	2045	rVV2	659007	1197414	74.70%	7.692%
67	14.871	2045	2048	2055	rVB8	7970	15335	0.96%	0.099%
68	14.994	2062	2069	2082	rBV	57590	177798	11.09%	1.142%
69	15.194	2098	2103	2111	rVB7	11116	23539	1.47%	0.151%
70	15.265	2113	2115	2117	rBV3	2089	2423	0.15%	0.016%
71	15.347	2126	2129	2131	rBV3	2329	3174	0.20%	0.020%

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72	15.406	2136	2139	2140	rBV3	4939	4640	0.29%	0.030%
73	15.458	2147	2148	2151	rBV2	3249	3548	0.22%	0.023%
74	15.588	2164	2170	2172	rBV4	10159	17618	1.10%	0.113%
75	15.623	2172	2176	2181	rVB2	34656	49008	3.06%	0.315%
76	15.793	2197	2205	2217	rBV	598307	1079214	67.33%	6.933%
77	15.905	2218	2224	2238	rVB	105210	185732	11.59%	1.193%
78	16.028	2238	2245	2249	rBV6	19857	39364	2.46%	0.253%
79	16.122	2259	2261	2267	rVB5	8463	16359	1.02%	0.105%
80	16.181	2267	2271	2275	rBV6	3905	7024	0.44%	0.045%
81	16.228	2277	2279	2280	rBV2	3153	2834	0.18%	0.018%
82	16.246	2280	2282	2286	rVV4	6044	7052	0.44%	0.045%
83	16.287	2286	2289	2293	rVV5	4829	6593	0.41%	0.042%
84	16.487	2318	2323	2325	rBV2	35530	53230	3.32%	0.342%
85	16.645	2348	2350	2351	rBV2	3761	1933	0.12%	0.012%
86	16.698	2357	2359	2361	rBV2	3074	3092	0.19%	0.020%
87	16.827	2378	2381	2383	rBV4	4254	4740	0.30%	0.030%
88	16.851	2383	2385	2389	rVB5	4964	4971	0.31%	0.032%
89	16.898	2389	2393	2394	rBV4	5041	7842	0.49%	0.050%
90	17.198	2441	2444	2445	rBV3	9332	9575	0.60%	0.062%
91	17.274	2453	2457	2462	rBV3	24515	41106	2.56%	0.264%
92	17.415	2478	2481	2486	rBV6	11065	19063	1.19%	0.122%
93	17.480	2489	2492	2497	rBV7	10012	18680	1.17%	0.120%
94	17.550	2497	2504	2509	rBV2	705025	1279246	79.81%	8.218%
95	17.644	2515	2520	2533	rVB2	563514	992311	61.91%	6.374%
96	18.414	2647	2651	2656	rBV3	89205	148711	9.28%	0.955%
97	19.589	2846	2851	2859	rVB	200152	306560	19.13%	1.969%
98	19.924	2902	2908	2921	rVB2	742151	1602861	100.00%	10.296%
99	21.833	3227	3233	3239	rBV	726341	1457313	90.92%	9.361%
100	25.194	3796	3805	3824	rVB2	447453	1511030	94.27%	9.707%

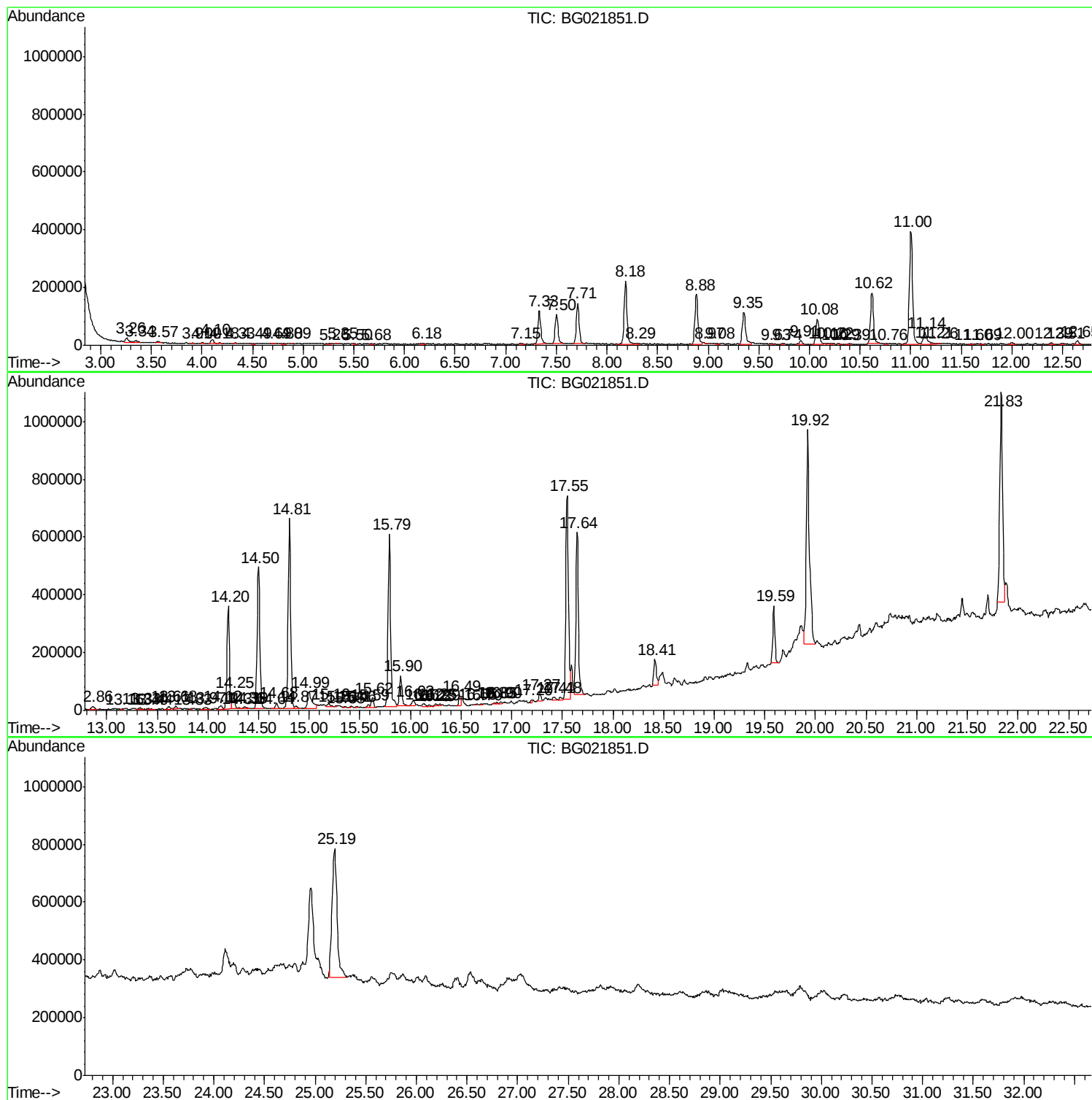
Sum of corrected areas: 15567141

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



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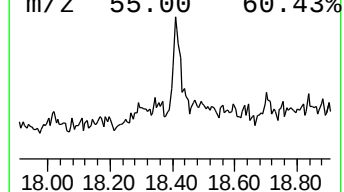
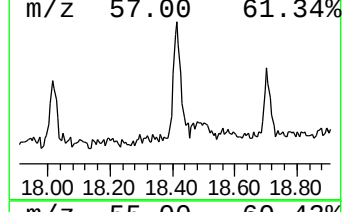
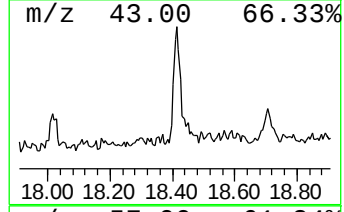
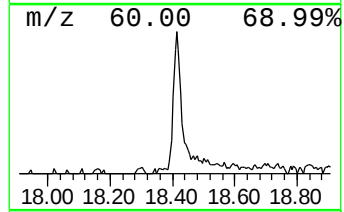
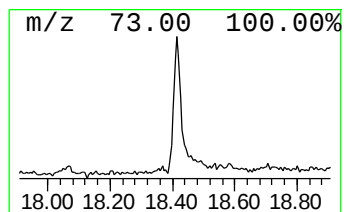
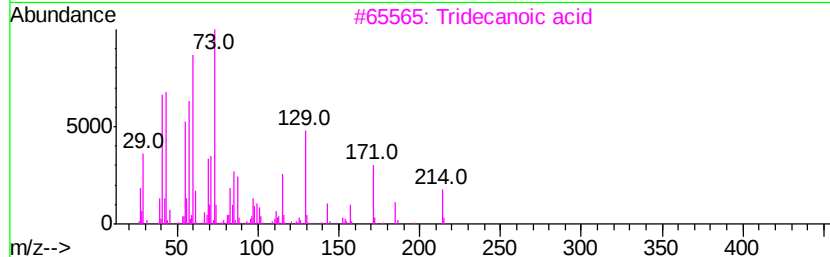
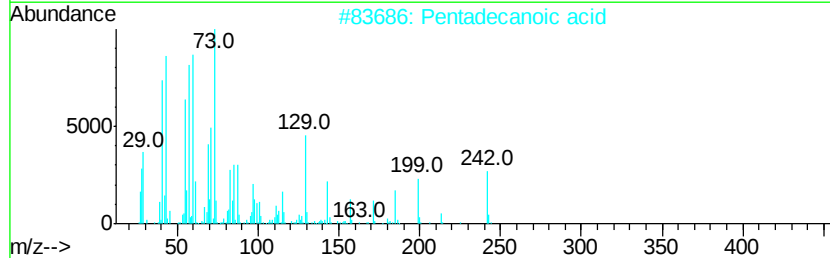
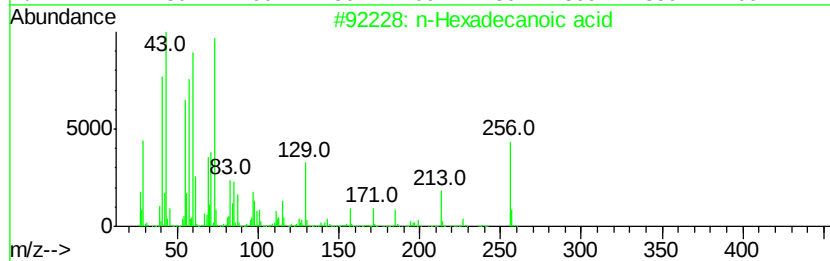
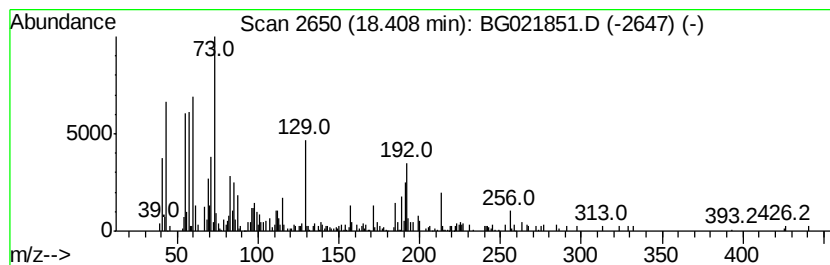
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	2.32 ng/ul	148711	Phenanthrene-d10	17.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	64
3		Tridecanoic acid	214	C13H26O2	000638-53-9	52
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	50
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	50



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.41	2.3	ng/ul	148711	4	17.55	1279250	20.0