

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101016\
 Data File : BG024261.D
 Acq On : 11 Oct 2016 6:04
 Operator : UM/SJ
 Sample : H5098-20
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDNF8

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	3.654	135	139	141	rVB3	25667	27944	0.50%	0.050%
2	4.559	291	293	295	rBV3	11472	11348	0.20%	0.020%
3	4.882	346	348	351	rBV3	9725	10071	0.18%	0.018%
4	5.070	377	380	385	rVB7	11683	12385	0.22%	0.022%
5	5.634	475	476	480	rVB3	12706	9400	0.17%	0.017%
6	5.993	536	537	541	rBV3	11396	12019	0.22%	0.022%
7	6.104	552	556	560	rBV7	5343	9137	0.16%	0.016%
8	6.187	568	570	573	rVB4	6983	8194	0.15%	0.015%
9	6.492	618	622	624	rVB5	14220	20341	0.37%	0.037%
10	6.522	624	627	630	rBV4	9270	11181	0.20%	0.020%
11	6.551	630	632	634	rBV3	12571	9010	0.16%	0.016%
12	6.986	704	706	709	rVB4	7925	9119	0.16%	0.016%
13	7.174	735	738	739	rBV3	10460	10550	0.19%	0.019%
14	7.250	750	751	754	rBV3	11733	10632	0.19%	0.019%
15	7.421	773	780	793	rVB	674423	1198827	21.55%	2.164%
16	7.556	800	803	805	rBV4	8210	9337	0.17%	0.017%
17	7.609	805	812	822	rVV	449249	774434	13.92%	1.398%
18	7.814	838	847	854	rBV	598599	1044621	18.77%	1.885%
19	7.902	859	862	864	rBV3	8100	8824	0.16%	0.016%
20	8.296	921	929	938	rBV	559027	1003523	18.04%	1.811%
21	8.678	991	994	996	rBV4	8885	10102	0.18%	0.018%
22	8.978	1037	1045	1054	rBV	800162	1425519	25.62%	2.573%
23	9.154	1072	1075	1076	rBV3	10823	8324	0.15%	0.015%
24	9.465	1121	1128	1135	rBV2	610805	1124195	20.20%	2.029%
25	9.577	1145	1147	1149	rBV3	11852	10385	0.19%	0.019%
26	9.694	1163	1167	1168	rBV4	8055	9118	0.16%	0.016%
27	9.812	1185	1187	1190	rBV3	9909	8893	0.16%	0.016%
28	10.006	1216	1220	1222	rVB5	11626	14166	0.25%	0.026%
29	10.188	1240	1251	1260	rBV	523173	980333	17.62%	1.769%
30	10.305	1269	1271	1275	rVB5	6570	8991	0.16%	0.016%
31	10.388	1283	1285	1289	rVB5	11432	15621	0.28%	0.028%
32	10.723	1334	1342	1351	rBV	788485	1460271	26.24%	2.635%
33	11.046	1394	1397	1398	rVB3	11746	8942	0.16%	0.016%
34	11.122	1402	1410	1417	rBV	750791	1422919	25.57%	2.568%

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35	11.251	1423	1432	1442	rBV	776583	1458731	26.22%	2.633%
36	11.539	1476	1481	1482	rVB5	10227	10399	0.19%	0.019%
37	11.557	1482	1484	1488	rVB5	10714	15687	0.28%	0.028%
38	11.592	1488	1490	1491	rBV2	11535	8176	0.15%	0.015%
39	11.692	1503	1507	1508	rBV4	12710	15442	0.28%	0.028%
40	11.815	1526	1528	1530	rVV2	9089	8821	0.16%	0.016%
41	11.862	1533	1536	1539	rVB5	9730	12179	0.22%	0.022%
42	12.003	1556	1560	1562	rBV4	7560	8734	0.16%	0.016%
43	12.039	1562	1566	1568	rBV5	10252	11143	0.20%	0.020%
44	12.309	1609	1612	1613	rBV2	10264	10731	0.19%	0.019%
45	12.491	1641	1643	1646	rVB3	8770	8890	0.16%	0.016%
46	12.562	1650	1655	1656	rBV4	8791	9922	0.18%	0.018%
47	12.685	1671	1676	1684	rVB8	17133	37556	0.67%	0.068%
48	13.214	1764	1766	1769	rVB4	9069	9522	0.17%	0.017%
49	13.502	1814	1815	1821	rVB5	11469	13243	0.24%	0.024%
50	13.555	1822	1824	1830	rVB7	9791	12879	0.23%	0.023%
51	13.772	1857	1861	1867	rBV5	36225	65920	1.18%	0.119%
52	14.013	1899	1902	1903	rBV3	12044	10010	0.18%	0.018%
53	14.066	1909	1911	1915	rVB5	9036	9811	0.18%	0.018%
54	14.301	1943	1951	1955	rBV	1656145	2527455	45.42%	4.562%
55	14.348	1955	1959	1965	rVV	1253525	1824724	32.79%	3.293%
56	14.412	1967	1970	1976	rVB6	8728	17561	0.32%	0.032%
57	14.512	1986	1987	1992	rBV5	6793	9475	0.17%	0.017%
58	14.606	1996	2003	2010	rBV	1638200	2669094	47.97%	4.817%
59	14.759	2022	2029	2033	rBV9	18569	39005	0.70%	0.070%
60	14.794	2033	2035	2038	rVB4	8602	9921	0.18%	0.018%
61	14.841	2038	2043	2044	rBV5	7720	8335	0.15%	0.015%
62	14.906	2047	2054	2062	rBV	1373799	2163784	38.89%	3.905%
63	15.070	2075	2082	2088	rBV	797059	1315843	23.65%	2.375%
64	15.264	2113	2115	2120	rBV4	19617	33697	0.61%	0.061%
65	15.546	2160	2163	2165	rBV4	9236	11497	0.21%	0.021%
66	15.564	2165	2166	2169	rVB3	12074	8621	0.15%	0.016%
67	15.588	2169	2170	2172	rBV2	12827	11830	0.21%	0.021%
68	15.711	2187	2191	2196	rVB4	71456	107414	1.93%	0.194%
69	15.758	2196	2199	2200	rBV3	12600	9823	0.18%	0.018%
70	15.893	2215	2222	2230	rVB	2333790	3676628	66.08%	6.636%
71	15.993	2233	2239	2247	rVB	746768	1111304	19.97%	2.006%

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Peak Location: TOP

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72	16.122	2255	2261	2268	rBV10	43702	99586	1.79%	0.180%
73	16.228	2277	2279	2281	rVB3	12002	8859	0.16%	0.016%
74	16.257	2281	2284	2291	rBV8	16048	32350	0.58%	0.058%
75	16.328	2293	2296	2300	rVB6	15822	21544	0.39%	0.039%
76	16.516	2326	2328	2331	rBV3	10965	14337	0.26%	0.026%
77	16.569	2333	2337	2345	rVV2	122610	194802	3.50%	0.352%
78	16.915	2393	2396	2399	rBV4	17620	19515	0.35%	0.035%
79	16.998	2408	2410	2417	rVB7	23265	34705	0.62%	0.063%
80	17.074	2421	2423	2426	rVB4	13740	9390	0.17%	0.017%
81	17.115	2429	2430	2432	rBV2	12395	10381	0.19%	0.019%
82	17.145	2433	2435	2437	rVB2	17674	12373	0.22%	0.022%
83	17.333	2465	2467	2468	rBV2	15532	8843	0.16%	0.016%
84	17.362	2468	2472	2477	rVV2	85047	109844	1.97%	0.198%
85	17.491	2492	2494	2496	rBV3	12961	9079	0.16%	0.016%
86	17.562	2503	2506	2510	rVB6	21317	25836	0.46%	0.047%
87	17.650	2514	2521	2529	rVB2	1817366	2945323	52.93%	5.316%
88	17.744	2531	2537	2547	rVB2	2708832	4396029	79.01%	7.934%
89	17.991	2576	2579	2581	rBV3	32735	35943	0.65%	0.065%
90	18.102	2595	2598	2602	rVB6	36131	41426	0.74%	0.075%
91	18.367	2640	2643	2644	rBV2	44825	35970	0.65%	0.065%
92	18.496	2660	2665	2672	rBV2	563006	779844	14.02%	1.407%
93	18.778	2711	2713	2714	rBV2	14192	10678	0.19%	0.019%
94	18.819	2718	2720	2722	rBV3	16727	13115	0.24%	0.024%
95	19.753	2875	2879	2886	rVB3	223873	283219	5.09%	0.511%
96	20.018	2918	2924	2934	rVB	3719528	5564113	100.00%	10.042%
97	21.533	3179	3182	3188	rVB2	246217	325413	5.85%	0.587%
98	21.945	3247	3252	3262	rVB	2087691	3652762	65.65%	6.593%
99	25.165	3790	3800	3813	rVB2	1734029	5226086	93.92%	9.432%
100	25.400	3832	3840	3850	rVB2	1196272	3473930	62.43%	6.270%

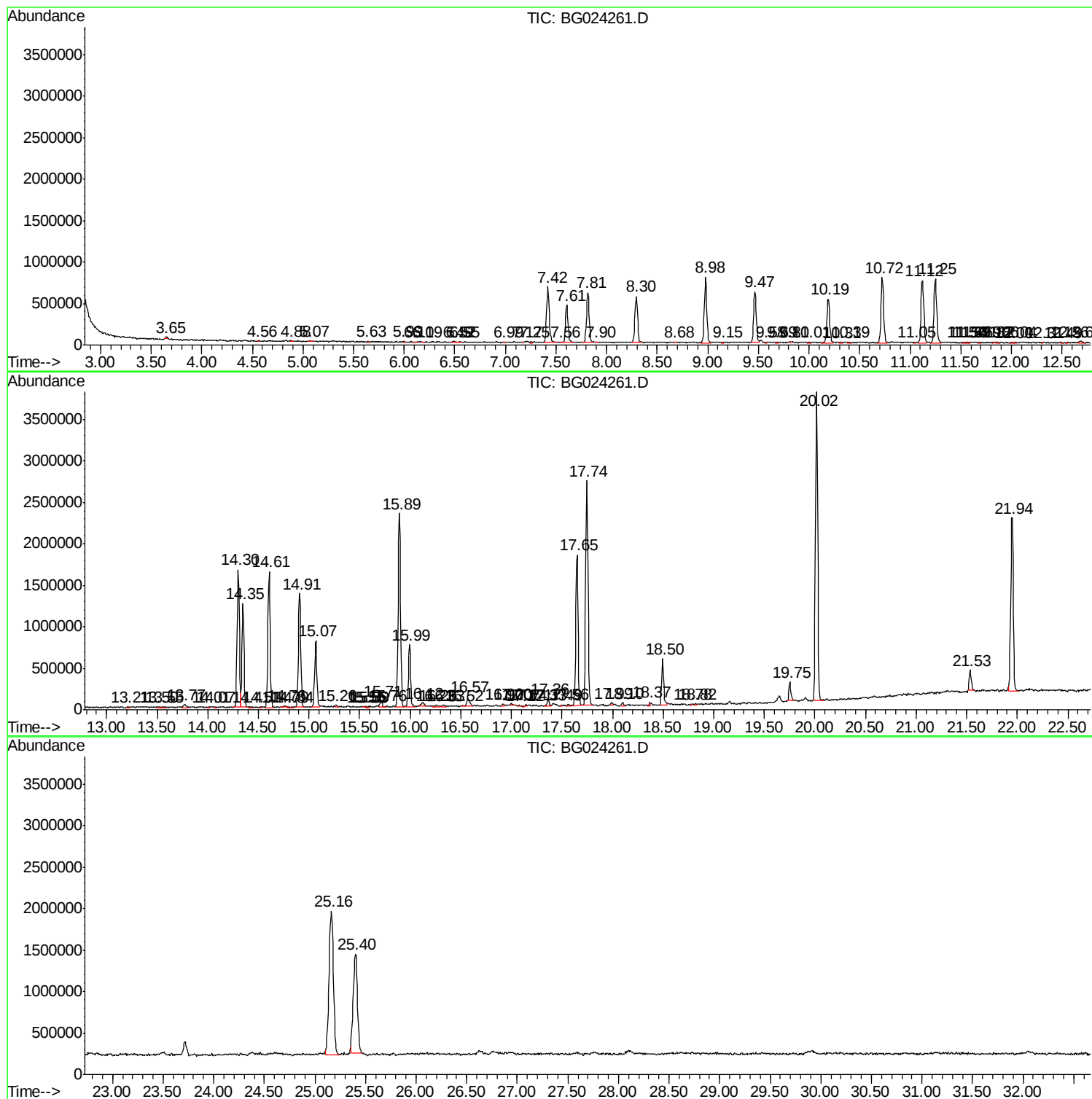
Sum of corrected areas: 55407778

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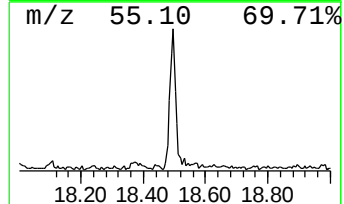
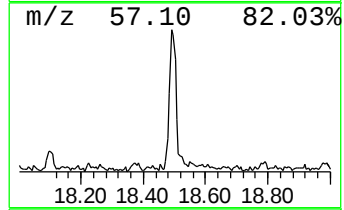
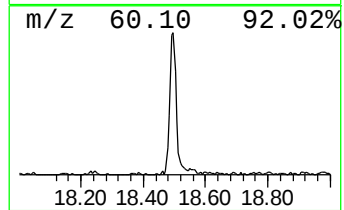
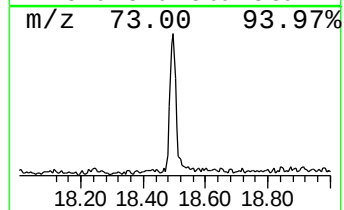
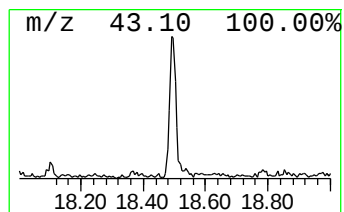
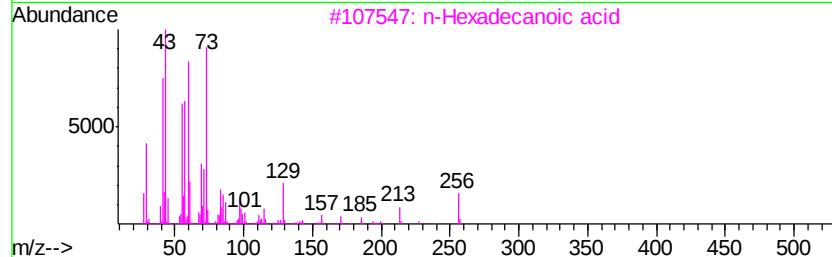
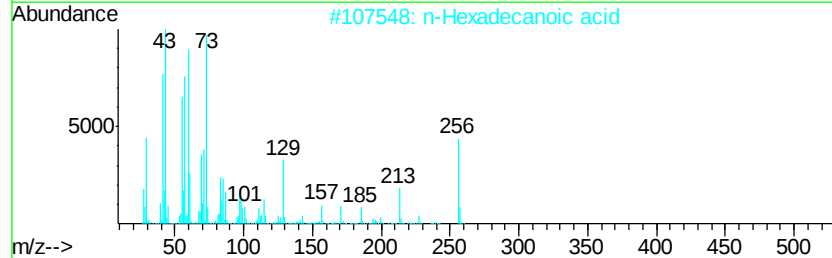
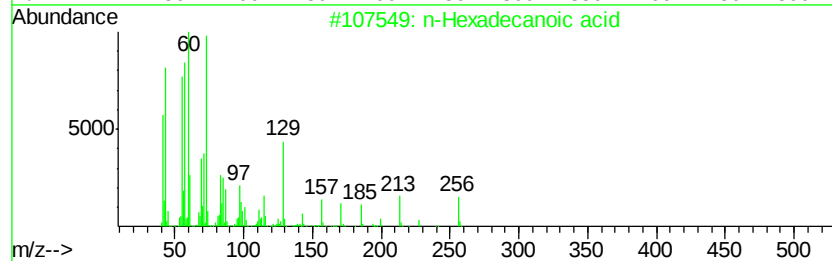
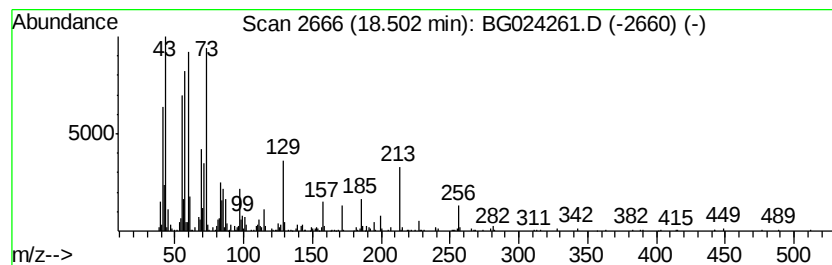
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	5.30 ng/ul	779844	Phenanthrene-d10	17.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	81



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.50	5.3	ng/ul	779844	4	17.65	2945320	20.0