

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082417\
 Data File : BG028467.D
 Acq On : 24 Aug 2017 19:27
 Operator : SJ/JU
 Sample : I4840-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AH1

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\SOM-EPA-BG080217.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	3.823	36	40	48	rVB6	6122	11892	1.27%	0.110%
2	4.088	76	85	92	rBV6	4882	12164	1.29%	0.113%
3	4.146	92	95	99	rVB3	3006	3724	0.40%	0.035%
4	4.552	161	164	169	rBV3	1650	2706	0.29%	0.025%
5	4.728	189	194	196	rBV4	2053	3911	0.42%	0.036%
6	5.087	254	255	262	rVB2	2499	4709	0.50%	0.044%
7	5.427	311	313	320	rBV5	2215	3971	0.42%	0.037%
8	5.539	326	332	336	rBV5	1733	3315	0.35%	0.031%
9	5.633	345	348	352	rVB5	1715	2628	0.28%	0.024%
10	6.079	423	424	433	rVV3	1214	2270	0.24%	0.021%
11	6.238	449	451	457	rBV4	2241	3973	0.42%	0.037%
12	6.409	476	480	481	rBV2	2121	2390	0.25%	0.022%
13	6.550	500	504	509	rBV3	2311	3657	0.39%	0.034%
14	6.667	521	524	527	rVB3	2380	3123	0.33%	0.029%
15	6.714	527	532	533	rBV2	1995	2551	0.27%	0.024%
16	7.125	599	602	606	rBV2	1752	2655	0.28%	0.025%
17	7.208	611	616	619	rBV2	1737	2325	0.25%	0.022%
18	7.325	630	636	638	rBV3	2505	2840	0.30%	0.026%
19	7.413	645	651	653	rBV	2457	3078	0.33%	0.029%
20	7.490	655	664	679	rVB2	110322	228940	24.37%	2.124%
21	7.648	685	691	701	rVV	78078	136753	14.56%	1.269%
22	7.872	721	729	739	rVV	102312	188131	20.03%	1.746%
23	8.336	798	808	818	rBV	133086	240608	25.61%	2.232%
24	8.917	900	907	908	rVB2	1418	2307	0.25%	0.021%
25	9.035	919	927	943	rVB2	134860	253293	26.96%	2.350%
26	9.346	970	980	982	rBV3	2098	4389	0.47%	0.041%
27	9.505	997	1007	1019	rBV2	109296	213129	22.69%	1.978%
28	10.051	1096	1100	1108	rBV3	2017	3108	0.33%	0.029%
29	10.228	1122	1130	1142	rBV2	94874	185989	19.80%	1.726%
30	10.498	1175	1176	1182	rVB2	1860	3122	0.33%	0.029%
31	10.568	1182	1188	1189	rBV2	1387	2310	0.25%	0.021%
32	10.703	1207	1211	1216	rBV2	1730	3911	0.42%	0.036%
33	10.774	1216	1223	1234	rVV	135888	269283	28.67%	2.499%
34	11.068	1266	1273	1275	rBV3	2628	5163	0.55%	0.048%

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35	11.156	1279	1288	1299	rVB	201731	370320	39.42%	3.436%
36	11.291	1303	1311	1322	rVB	78755	160828	17.12%	1.492%
37	11.608	1361	1365	1368	rBV3	1849	3195	0.34%	0.030%
38	12.049	1435	1440	1444	rVB3	1935	3417	0.36%	0.032%
39	12.307	1480	1484	1490	rVB3	4459	6078	0.65%	0.056%
40	12.601	1530	1534	1541	rVV3	2577	5379	0.57%	0.050%
41	12.666	1541	1545	1547	rVB3	2045	2414	0.26%	0.022%
42	12.719	1549	1554	1558	rBV5	1983	3998	0.43%	0.037%
43	13.036	1604	1608	1611	rBV3	1538	2458	0.26%	0.023%
44	13.265	1644	1647	1649	rVB3	2294	2500	0.27%	0.023%
45	13.289	1649	1651	1655	rBV3	1686	2857	0.30%	0.027%
46	13.330	1655	1658	1664	rVB2	1935	4175	0.44%	0.039%
47	13.383	1664	1667	1673	rBV3	2354	4031	0.43%	0.037%
48	13.541	1690	1694	1697	rVB3	2831	3802	0.40%	0.035%
49	13.577	1697	1700	1706	rVB3	2473	4214	0.45%	0.039%
50	14.335	1820	1829	1834	rBV	308578	480406	51.14%	4.457%
51	14.382	1834	1837	1845	rVB	105039	146690	15.62%	1.361%
52	14.511	1853	1859	1860	rVB3	1856	3033	0.32%	0.028%
53	14.534	1860	1863	1868	rBV	1957	4077	0.43%	0.038%
54	14.646	1873	1882	1891	rBV	305460	506207	53.89%	4.697%
55	14.805	1903	1909	1912	rBV5	3161	4395	0.47%	0.041%
56	14.946	1925	1933	1945	rVB2	330902	563136	59.95%	5.225%
57	15.151	1958	1968	1980	rBV2	94893	212703	22.64%	1.974%
58	15.333	1996	1999	2010	rVB9	3461	7699	0.82%	0.071%
59	15.416	2011	2013	2017	rVB2	2450	2806	0.30%	0.026%
60	15.463	2017	2021	2024	rBV3	2634	2913	0.31%	0.027%
61	15.486	2024	2025	2030	rVB3	1829	2293	0.24%	0.021%
62	15.709	2059	2063	2065	rBV3	3111	2836	0.30%	0.026%
63	15.745	2065	2069	2075	rVB4	8372	12344	1.31%	0.115%
64	15.809	2075	2080	2082	rBV2	2546	2363	0.25%	0.022%
65	15.939	2091	2102	2110	rBV	428850	678861	72.27%	6.299%
66	16.056	2115	2122	2131	rBV	136743	222618	23.70%	2.066%
67	16.244	2152	2154	2159	rVB3	2213	3213	0.34%	0.030%
68	16.303	2160	2164	2169	rBV6	3571	4846	0.52%	0.045%
69	16.608	2211	2216	2225	rBV3	13535	23050	2.45%	0.214%
70	16.720	2233	2235	2239	rVB3	3398	3094	0.33%	0.029%
71	16.949	2270	2274	2278	rBV4	3868	6669	0.71%	0.062%

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72	17.020	2282	2286	2289	rVB3	1822	2265	0.24%	0.021%
73	17.078	2289	2296	2299	rBV5	3487	7333	0.78%	0.068%
74	17.114	2299	2302	2305	rVB3	4083	5140	0.55%	0.048%
75	17.143	2305	2307	2311	rBV4	2843	4295	0.46%	0.040%
76	17.402	2346	2351	2357	rBV2	11226	17254	1.84%	0.160%
77	17.478	2363	2364	2369	rVB4	2166	2427	0.26%	0.023%
78	17.572	2376	2380	2386	rVB7	2152	3682	0.39%	0.034%
79	17.701	2394	2402	2411	rVV	454274	736602	78.41%	6.835%
80	17.795	2411	2418	2426	rBV2	482501	773659	82.36%	7.178%
81	17.860	2426	2429	2434	rVB4	1558	2900	0.31%	0.027%
82	18.054	2461	2462	2468	rVB4	2570	4290	0.46%	0.040%
83	18.101	2468	2470	2473	rBV2	4255	3210	0.34%	0.030%
84	18.136	2473	2476	2480	rBV4	4421	6187	0.66%	0.057%
85	18.324	2505	2508	2518	rVB7	3159	6262	0.67%	0.058%
86	18.447	2526	2529	2533	rVB5	2200	3815	0.41%	0.035%
87	18.541	2540	2545	2558	rBV3	46846	90141	9.60%	0.836%
88	19.017	2624	2626	2631	rBV6	4228	3913	0.42%	0.036%
89	19.082	2635	2637	2640	rBV3	2141	2276	0.24%	0.021%
90	19.258	2664	2667	2669	rBV4	3963	4744	0.51%	0.044%
91	19.552	2712	2717	2718	rBV4	3637	5642	0.60%	0.052%
92	19.664	2733	2736	2737	rBV2	4108	4726	0.50%	0.044%
93	19.805	2755	2760	2768	rBV10	21912	47790	5.09%	0.443%
94	19.963	2784	2787	2793	rVB8	13210	25205	2.68%	0.234%
95	20.010	2794	2795	2797	rVV2	4355	2656	0.28%	0.025%
96	20.069	2799	2805	2814	rBV	638114	939395	100.00%	8.716%
97	21.597	3061	3065	3078	rVB	22727	53203	5.66%	0.494%
98	22.026	3131	3138	3147	rVB	508940	912823	97.17%	8.470%
99	25.292	3683	3694	3706	rBB2	291216	904463	96.28%	8.392%
100	25.527	3725	3734	3752	rVB	268905	907001	96.55%	8.416%

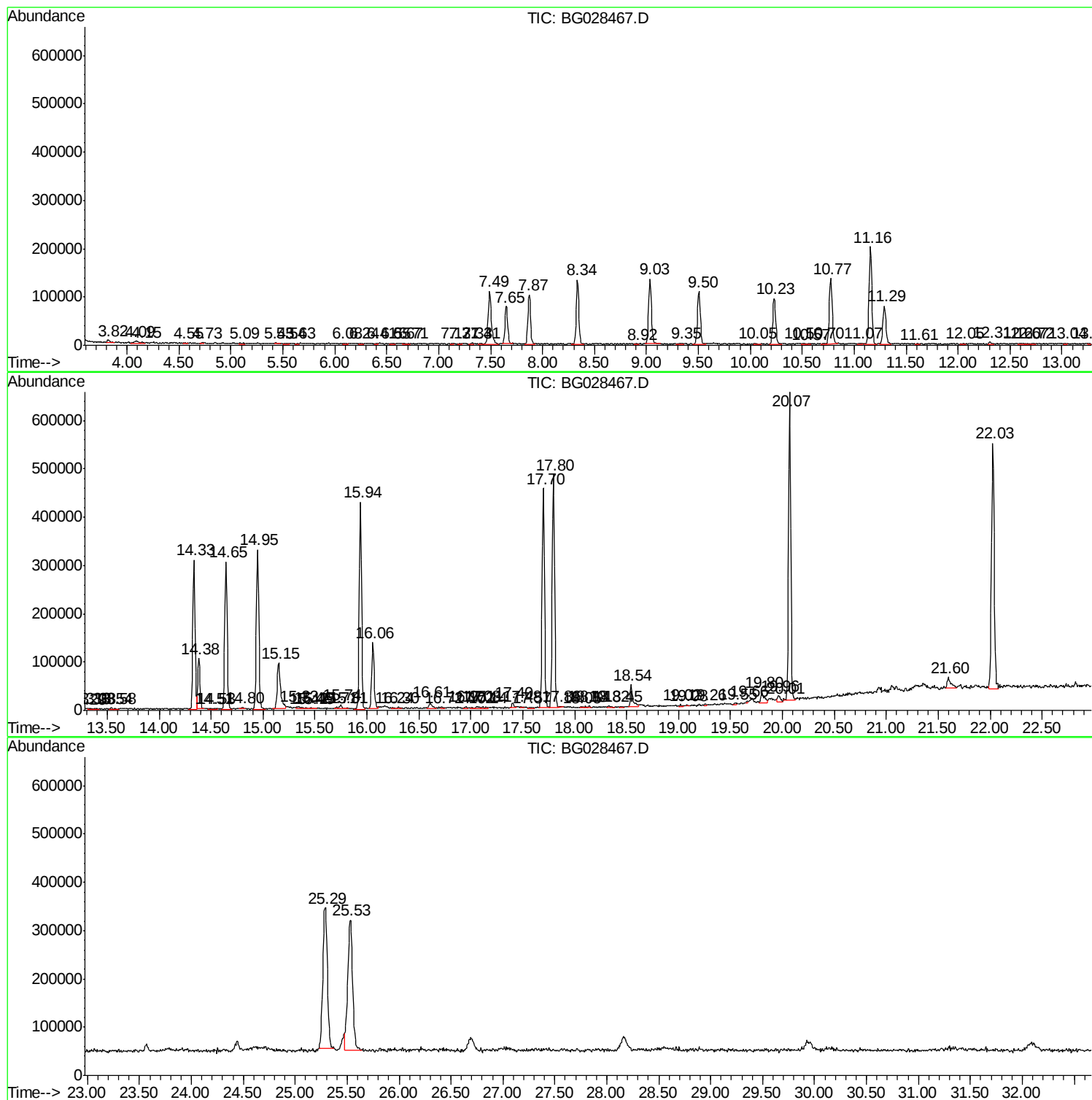
Sum of corrected areas: 10777535

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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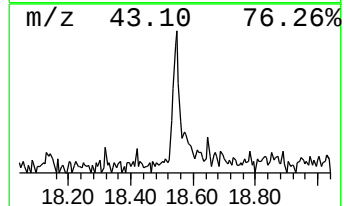
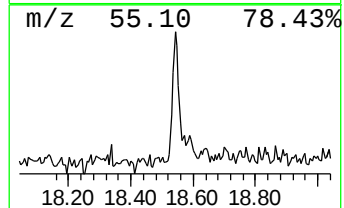
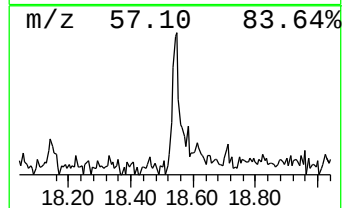
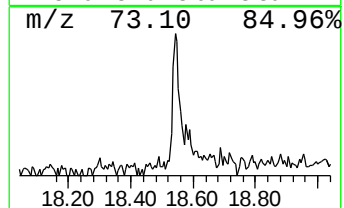
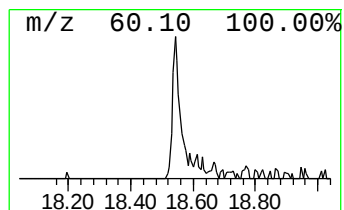
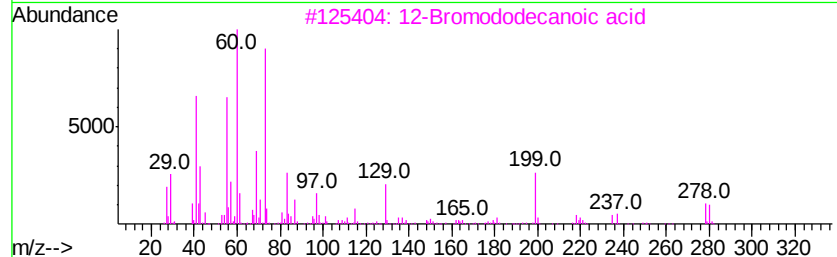
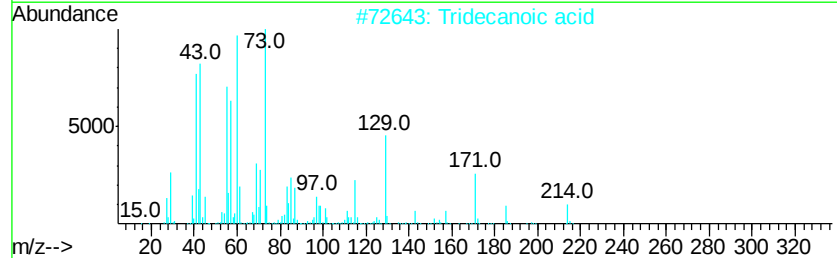
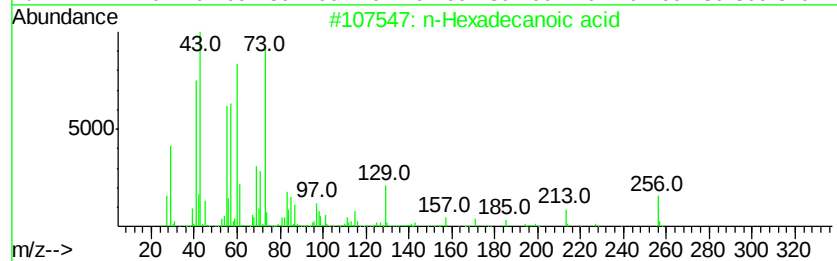
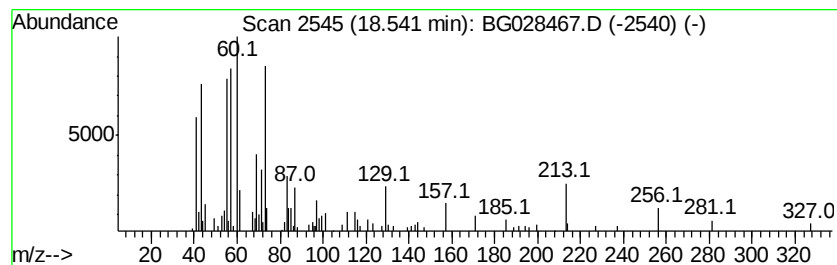
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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.
18.54	2.45 ng/ul	90141	Phenanthrene-d10	17.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2		Tridecanoic acid	214	C13H26O2	000638-53-9	58
3		12-Bromododecanoic acid	278	C12H23BrO2	073367-80-3	53
4		n-Decanoic acid	172	C10H20O2	000334-48-5	50
5		n-Decanoic acid	172	C10H20O2	000334-48-5	50



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.54	2.5	ng/ul	90141	4	17.70	736602	20.0