

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082417\
 Data File : BG028464.D
 Acq On : 24 Aug 2017 17:28
 Operator : SJ/JU
 Sample : I4840-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AJ5

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	3.817	35	39	46	rBV3	9454	14798	0.99%	0.095%
2	4.087	80	85	92	rBV6	3868	6591	0.44%	0.042%
3	4.316	117	124	131	rVB6	2520	7472	0.50%	0.048%
4	4.445	142	146	149	rVB2	2108	2512	0.17%	0.016%
5	5.703	358	360	366	rBV3	1366	2756	0.18%	0.018%
6	5.791	372	375	378	rBV2	2218	2558	0.17%	0.016%
7	6.020	411	414	420	rBV3	2200	3769	0.25%	0.024%
8	6.272	453	457	461	rVB5	2024	2679	0.18%	0.017%
9	6.408	473	480	484	rBV5	2110	4007	0.27%	0.026%
10	7.142	603	605	611	rVB4	2141	3119	0.21%	0.020%
11	7.201	611	615	622	rBV4	2095	4037	0.27%	0.026%
12	7.283	626	629	632	rBV2	2521	2868	0.19%	0.018%
13	7.489	654	664	680	rBV	170964	330614	22.17%	2.124%
14	7.653	684	692	702	rVB	122507	209924	14.08%	1.349%
15	7.741	705	707	711	rVB4	2896	3163	0.21%	0.020%
16	7.871	721	729	748	rBV	166454	293930	19.71%	1.889%
17	8.106	767	769	774	rBV3	2166	2842	0.19%	0.018%
18	8.335	802	808	818	rBV	129767	228405	15.31%	1.468%
19	9.034	920	927	945	rVV2	211881	405320	27.18%	2.605%
20	9.504	998	1007	1020	rBV	170901	320732	21.51%	2.061%
21	9.604	1020	1024	1027	rVV3	2377	3397	0.23%	0.022%
22	9.639	1027	1030	1034	rVB4	2708	3989	0.27%	0.026%
23	10.233	1122	1131	1141	rVB	153060	292059	19.58%	1.877%
24	10.444	1159	1167	1170	rBV3	4136	9055	0.61%	0.058%
25	10.773	1213	1223	1234	rBV	223706	433693	29.08%	2.787%
26	11.155	1278	1288	1298	rBV	189451	352003	23.60%	2.262%
27	11.290	1302	1311	1326	rBV	546897	1024913	68.72%	6.586%
28	11.455	1336	1339	1343	rVB2	1731	2613	0.18%	0.017%
29	11.660	1370	1374	1377	rBV3	1911	2961	0.20%	0.019%
30	11.931	1418	1420	1425	rVV2	2615	2960	0.20%	0.019%
31	12.307	1476	1484	1490	rVB4	4994	10258	0.69%	0.066%
32	12.442	1502	1507	1510	rBV2	1109	2635	0.18%	0.017%
33	12.606	1530	1535	1540	rBV3	4315	7451	0.50%	0.048%
34	12.724	1546	1555	1560	rBV5	3832	7689	0.52%	0.049%

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35	12.929	1586	1590	1595	rBV3	1666	2464	0.17%	0.016%
36	13.206	1633	1637	1639	rBV3	2914	3704	0.25%	0.024%
37	13.229	1639	1641	1648	rVB5	3722	5473	0.37%	0.035%
38	13.294	1648	1652	1656	rBV4	3022	4701	0.32%	0.030%
39	13.335	1656	1659	1667	rVB3	2384	5323	0.36%	0.034%
40	13.535	1689	1693	1698	rVB5	3246	6952	0.47%	0.045%
41	13.817	1735	1741	1746	rBV3	2048	3340	0.22%	0.021%
42	14.010	1771	1774	1781	rVB3	1795	3213	0.22%	0.021%
43	14.187	1800	1804	1812	rBV3	1707	4767	0.32%	0.031%
44	14.339	1823	1830	1834	rVV	490590	732788	49.13%	4.709%
45	14.387	1834	1838	1844	rVB	105425	163953	10.99%	1.054%
46	14.645	1873	1882	1890	rBV	512296	804942	53.97%	5.172%
47	14.810	1906	1910	1916	rVB3	2676	4190	0.28%	0.027%
48	14.951	1921	1934	1948	rVB2	306957	530817	35.59%	3.411%
49	15.144	1958	1967	1983	rBV	164057	364722	24.46%	2.344%
50	15.297	1990	1993	1994	rBV2	2730	2616	0.18%	0.017%
51	15.338	1994	2000	2009	rVB8	4960	16463	1.10%	0.106%
52	15.421	2009	2014	2019	rVB7	4426	8125	0.54%	0.052%
53	15.485	2019	2025	2031	rVB6	3942	9140	0.61%	0.059%
54	15.538	2031	2034	2039	rBV4	2281	4331	0.29%	0.028%
55	15.656	2053	2054	2059	rVB2	1983	2635	0.18%	0.017%
56	15.708	2059	2063	2064	rBV2	4155	5108	0.34%	0.033%
57	15.744	2065	2069	2075	rVB5	14207	20885	1.40%	0.134%
58	15.814	2075	2081	2084	rBV7	3485	6907	0.46%	0.044%
59	15.938	2092	2102	2114	rBV	685890	1056748	70.86%	6.790%
60	16.055	2116	2122	2132	rBV	231299	378030	25.35%	2.429%
61	16.179	2135	2143	2147	rVB8	8000	20239	1.36%	0.130%
62	16.243	2153	2154	2159	rVB3	2982	3541	0.24%	0.023%
63	16.308	2159	2165	2173	rVB6	2858	7094	0.48%	0.046%
64	16.372	2173	2176	2179	rBV3	4029	4252	0.29%	0.027%
65	16.437	2183	2187	2189	rVB3	2181	2692	0.18%	0.017%
66	16.466	2189	2192	2200	rBV4	3158	6690	0.45%	0.043%
67	16.519	2200	2201	2205	rVB3	2006	2582	0.17%	0.017%
68	16.566	2205	2209	2211	rBV3	3161	3313	0.22%	0.021%
69	16.607	2211	2216	2228	rBV5	17951	31799	2.13%	0.204%
70	16.960	2268	2276	2279	rBV5	5518	8226	0.55%	0.053%
71	17.060	2288	2293	2297	rBV5	6147	10750	0.72%	0.069%

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72	17.171	2311	2312	2318	rBV5	2792	3607	0.24%	0.023%
73	17.236	2320	2323	2328	rBV5	2523	3471	0.23%	0.022%
74	17.401	2345	2351	2357	rBV4	13151	19288	1.29%	0.124%
75	17.553	2375	2377	2381	rVB4	2762	2764	0.19%	0.018%
76	17.642	2390	2392	2394	rBV2	3127	3388	0.23%	0.022%
77	17.700	2394	2402	2412	rVV2	442609	714339	47.90%	4.590%
78	17.800	2412	2419	2428	rVV	787728	1218884	81.73%	7.832%
79	17.871	2428	2431	2439	rVB8	5557	11392	0.76%	0.073%
80	17.953	2441	2445	2447	rBV2	4468	5039	0.34%	0.032%
81	18.070	2463	2465	2469	rVB3	5110	4992	0.33%	0.032%
82	18.147	2475	2478	2482	rBV4	4257	6379	0.43%	0.041%
83	18.217	2489	2490	2497	rVB6	2147	2869	0.19%	0.018%
84	18.276	2498	2500	2504	rVB3	3200	4211	0.28%	0.027%
85	18.317	2504	2507	2515	rBV8	5044	11978	0.80%	0.077%
86	18.546	2538	2546	2557	rBV2	79963	149589	10.03%	0.961%
87	19.011	2624	2625	2630	rVB3	3331	2957	0.20%	0.019%
88	19.275	2667	2670	2672	rBV4	3817	5254	0.35%	0.034%
89	19.404	2690	2692	2695	rVB4	6901	7617	0.51%	0.049%
90	19.710	2735	2744	2751	rBV5	14470	43712	2.93%	0.281%
91	19.804	2756	2760	2767	rVB9	13500	22475	1.51%	0.144%
92	19.968	2784	2788	2794	rVB6	13312	21590	1.45%	0.139%
93	20.074	2799	2806	2815	rVB	965455	1455831	97.62%	9.355%
94	20.926	2949	2951	2954	rBV4	14368	19600	1.31%	0.126%
95	21.596	3063	3065	3078	rVB4	27576	59085	3.96%	0.380%
96	21.860	3106	3110	3115	rVB3	34319	55343	3.71%	0.356%
97	22.030	3132	3139	3150	rVB	503126	915199	61.37%	5.881%
98	25.297	3684	3695	3712	rVB2	484660	1491398	100.00%	9.583%
99	25.532	3719	3735	3750	rVB3	262345	952512	63.87%	6.121%
100	26.690	3929	3932	3944	rVB5	32677	86221	5.78%	0.554%

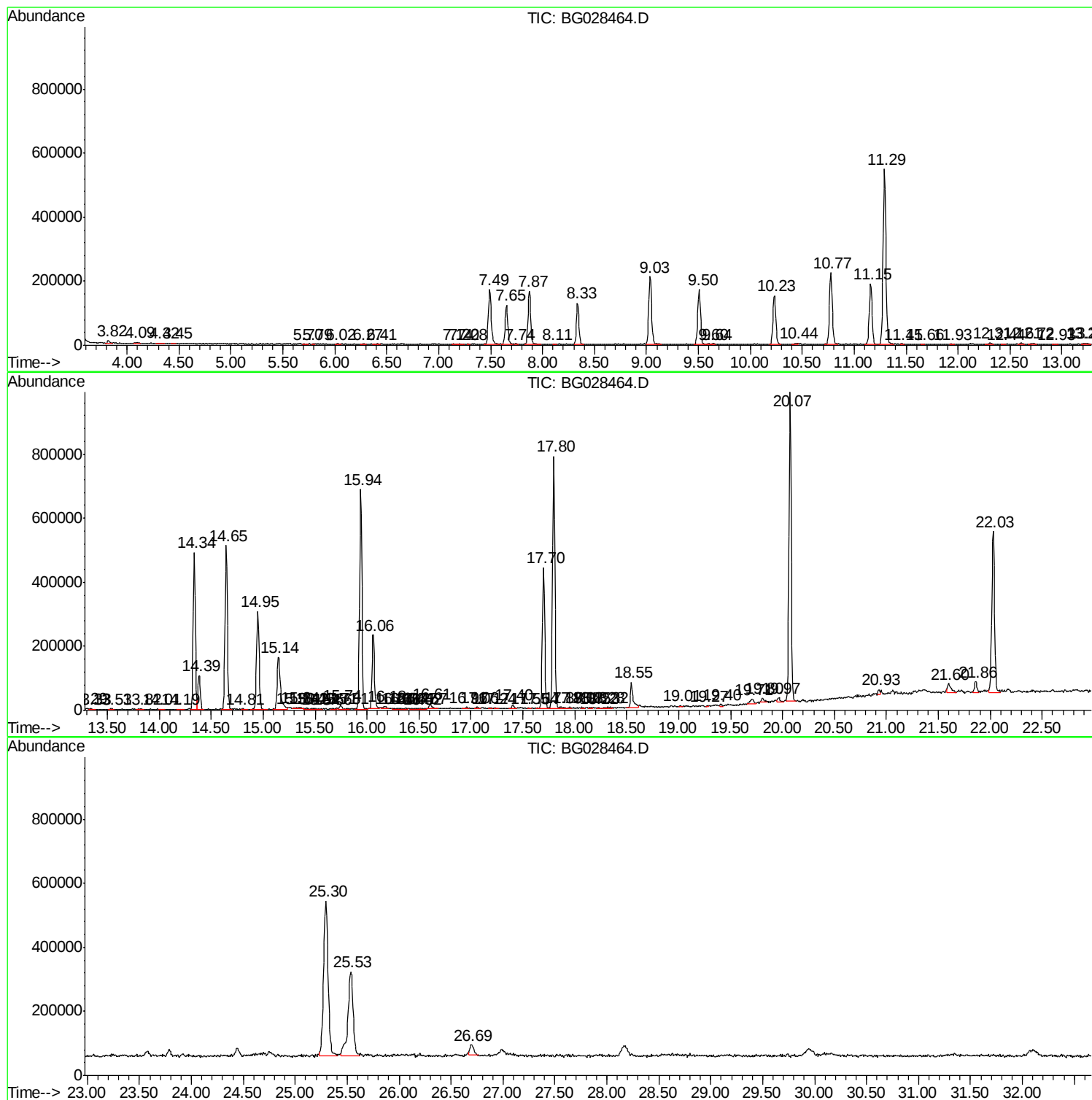
Sum of corrected areas: 15562271

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



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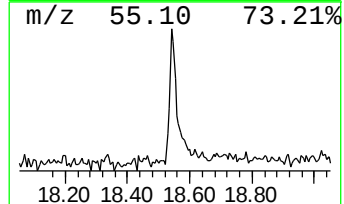
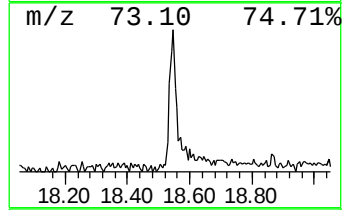
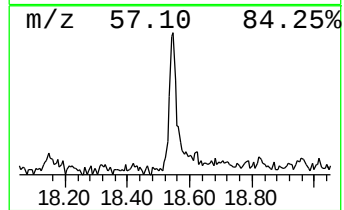
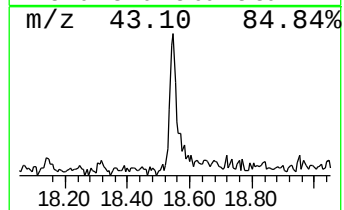
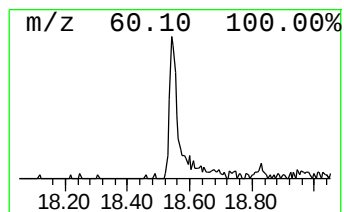
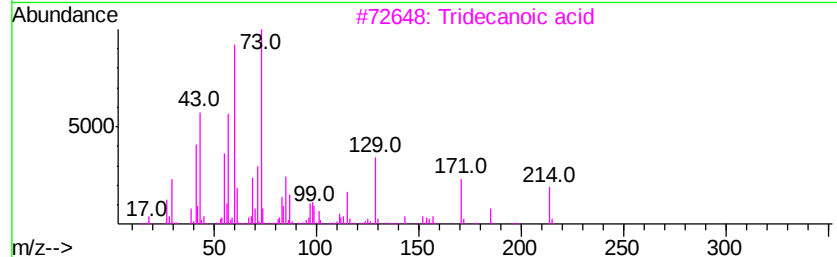
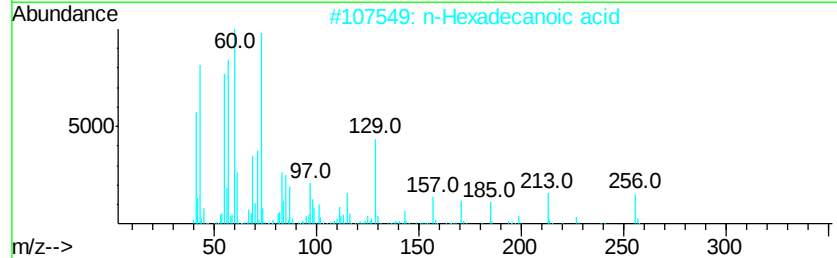
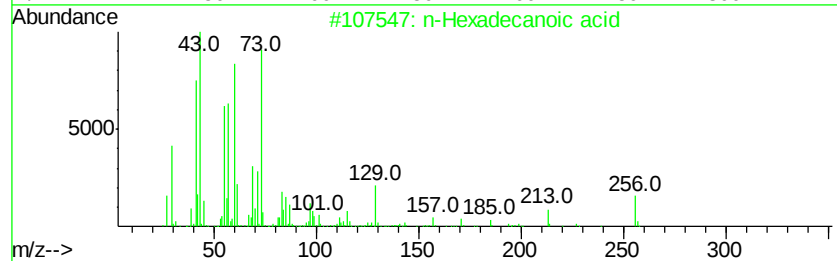
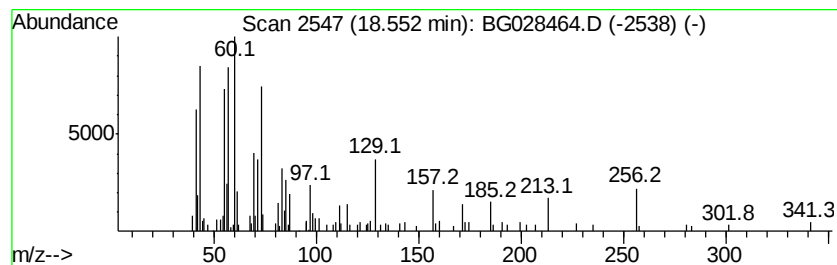
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	4.19 ng/ul	149589	Phenanthrene-d10	17.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
3		Tridecanoic acid	214	C13H26O2	000638-53-9	64
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
5		Tridecanoic acid	214	C13H26O2	000638-53-9	60



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.55	4.2	ng/ul	149589	4	17.70	714339	20.0