

Data Path : U:\HPCHEM1\BNA G\DATA\BG082117\
 Data File : BG028405.D
 Acq On : 22 Aug 2017 1:58
 Operator : SJ/JU
 Sample : I4827-13
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AE7

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	3.838	37	42	48	rVB5	6155	9579	0.85%	0.076%
2	4.343	122	128	131	rBV5	3270	5575	0.49%	0.044%
3	4.455	143	147	150	rVB5	3089	3242	0.29%	0.026%
4	4.567	163	166	170	rVB5	1974	2364	0.21%	0.019%
5	4.708	187	190	197	rBV4	2330	3536	0.31%	0.028%
6	4.772	197	201	206	rVB5	3922	5731	0.51%	0.045%
7	4.925	223	227	234	rBV5	4090	7926	0.70%	0.063%
8	5.189	269	272	276	rVB3	3065	5581	0.50%	0.044%
9	5.254	276	283	285	rBV4	2810	6582	0.58%	0.052%
10	5.454	311	317	327	rVB5	7446	19334	1.72%	0.153%
11	5.554	327	334	337	rBV4	2984	6872	0.61%	0.054%
12	5.706	357	360	363	rVB3	1709	2486	0.22%	0.020%
13	5.924	392	397	399	rBV3	1948	2557	0.23%	0.020%
14	6.024	410	414	415	rBV3	2542	2336	0.21%	0.019%
15	6.182	437	441	444	rVB3	1604	2468	0.22%	0.020%
16	6.212	444	446	451	rBV3	2323	2818	0.25%	0.022%
17	6.564	499	506	509	rVV5	1975	3904	0.35%	0.031%
18	6.958	571	573	577	rVB2	1520	2411	0.21%	0.019%
19	7.234	614	620	623	rVB3	2050	3630	0.32%	0.029%
20	7.498	658	665	676	rBV	134697	258434	22.94%	2.049%
21	7.663	686	693	703	rVB	88250	161106	14.30%	1.278%
22	7.745	703	707	708	rBV2	2041	2518	0.22%	0.020%
23	7.880	720	730	745	rVB	123592	230071	20.42%	1.824%
24	8.345	799	809	821	rBV	173644	319703	28.37%	2.535%
25	8.527	836	840	841	rVB2	2223	2503	0.22%	0.020%
26	8.574	841	848	851	rBV5	2744	6417	0.57%	0.051%
27	8.721	868	873	874	rBV4	2166	3197	0.28%	0.025%
28	9.038	917	927	939	rBV	142867	271522	24.10%	2.153%
29	9.149	943	946	953	rVB4	2155	3899	0.35%	0.031%
30	9.514	1000	1008	1018	rVB	127501	241362	21.42%	1.914%
31	9.596	1018	1022	1026	rBV3	1916	3506	0.31%	0.028%
32	9.649	1030	1031	1039	rVB3	2123	3948	0.35%	0.031%
33	9.972	1081	1086	1091	rVB4	1667	3855	0.34%	0.031%
34	10.007	1091	1092	1097	rBV2	1879	2395	0.21%	0.019%

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35	10.236	1122	1131	1144	rBV2	106587	205654	18.25%	1.631%
36	10.460	1161	1169	1173	rBV3	4486	11984	1.06%	0.095%
37	10.783	1215	1224	1240	rVB	152860	305180	27.08%	2.420%
38	11.000	1259	1261	1266	rVB2	1509	2395	0.21%	0.019%
39	11.165	1280	1289	1301	rVB	251907	476442	42.28%	3.778%
40	11.294	1301	1311	1326	rBV2	113721	238172	21.14%	1.889%
41	11.523	1349	1350	1356	rVB3	1758	2499	0.22%	0.020%
42	11.588	1356	1361	1362	rBV3	1899	2541	0.23%	0.020%
43	11.829	1401	1402	1409	rVB3	1804	2594	0.23%	0.021%
44	12.028	1434	1436	1442	rBV3	2055	2807	0.25%	0.022%
45	12.075	1442	1444	1449	rBV	1697	2537	0.23%	0.020%
46	12.122	1449	1452	1457	rVV2	2154	2723	0.24%	0.022%
47	12.316	1476	1485	1486	rBV4	2923	5492	0.49%	0.044%
48	12.528	1515	1521	1525	rVB2	1582	3254	0.29%	0.026%
49	12.728	1549	1555	1558	rVB3	2495	4018	0.36%	0.032%
50	13.221	1634	1639	1643	rBV7	3838	7020	0.62%	0.056%
51	13.298	1648	1652	1660	rVB3	4972	8193	0.73%	0.065%
52	13.538	1685	1693	1700	rVB6	4774	10248	0.91%	0.081%
53	13.744	1724	1728	1733	rBV3	2360	4298	0.38%	0.034%
54	13.885	1749	1752	1756	rVB	1906	2573	0.23%	0.020%
55	13.926	1756	1759	1762	rBV3	2174	2928	0.26%	0.023%
56	14.338	1822	1829	1834	rBV	317554	483225	42.88%	3.832%
57	14.385	1834	1837	1848	rVV2	103173	148621	13.19%	1.179%
58	14.467	1848	1851	1853	rVB	3047	2728	0.24%	0.022%
59	14.502	1853	1857	1859	rBV4	2899	3699	0.33%	0.029%
60	14.549	1864	1865	1868	rBV2	2778	2750	0.24%	0.022%
61	14.649	1872	1882	1890	rBV	330652	542099	48.11%	4.299%
62	14.808	1904	1909	1915	rVB5	5312	8189	0.73%	0.065%
63	14.954	1925	1934	1943	rBV3	413016	706470	62.70%	5.602%
64	15.154	1960	1968	1988	rBV2	96382	228173	20.25%	1.809%
65	15.295	1990	1992	1995	rBV4	3190	2952	0.26%	0.023%
66	15.354	1997	2002	2008	rVB5	16669	29215	2.59%	0.232%
67	15.413	2010	2012	2018	rVB4	3637	6091	0.54%	0.048%
68	15.460	2018	2020	2022	rBV	2394	2549	0.23%	0.020%
69	15.513	2028	2029	2035	rVB3	2666	3771	0.33%	0.030%
70	15.706	2057	2062	2064	rBV5	4933	7030	0.62%	0.056%
71	15.748	2064	2069	2074	rVV3	13415	20467	1.82%	0.162%

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72	15.942	2093	2102	2115	rVB	459961	725771	64.41%	5.755%
73	16.059	2115	2122	2130	rBV	160914	260944	23.16%	2.069%
74	16.177	2130	2142	2149	rVB9	8447	27770	2.46%	0.220%
75	16.241	2149	2153	2158	rBV5	3244	5812	0.52%	0.046%
76	16.300	2159	2163	2168	rBV5	3181	5801	0.51%	0.046%
77	16.376	2172	2176	2179	rBV5	4697	5258	0.47%	0.042%
78	16.500	2195	2197	2202	rVB5	3079	4140	0.37%	0.033%
79	16.558	2202	2207	2210	rBV6	3092	5344	0.47%	0.042%
80	16.611	2211	2216	2225	rVB3	14957	29235	2.59%	0.232%
81	16.887	2262	2263	2267	rVB4	4515	3250	0.29%	0.026%
82	16.952	2270	2274	2276	rBV3	4551	4863	0.43%	0.039%
83	17.052	2290	2291	2293	rBV2	2712	2509	0.22%	0.020%
84	17.164	2308	2310	2311	rBV2	3832	3139	0.28%	0.025%
85	17.216	2316	2319	2326	rVB7	7856	14391	1.28%	0.114%
86	17.352	2337	2342	2343	rBV4	2964	3512	0.31%	0.028%
87	17.404	2347	2351	2355	rBV3	12610	17835	1.58%	0.141%
88	17.451	2357	2359	2362	rBV3	3952	4272	0.38%	0.034%
89	17.698	2393	2401	2412	rBV2	587900	944652	83.84%	7.491%
90	17.798	2412	2418	2426	rVV	539402	836700	74.25%	6.635%
91	17.933	2440	2441	2443	rBV2	3646	2882	0.26%	0.023%
92	18.074	2463	2465	2471	rVB6	4701	5854	0.52%	0.046%
93	18.245	2492	2494	2496	rBV3	4941	3997	0.35%	0.032%
94	18.544	2540	2545	2554	rBV4	60487	109801	9.74%	0.871%
95	19.737	2745	2748	2754	rVB2	28341	39312	3.49%	0.312%
96	19.802	2756	2759	2763	rBV6	23328	31130	2.76%	0.247%
97	20.072	2799	2805	2816	rBV	714004	1118843	99.29%	8.872%
98	22.029	3130	3138	3153	rVB	606115	1126793	100.00%	8.935%
99	25.289	3683	3693	3709	rVB3	332092	1067028	94.70%	8.461%
100	25.530	3721	3734	3745	rVB2	325386	1085106	96.30%	8.605%

Sum of corrected areas: 12610893

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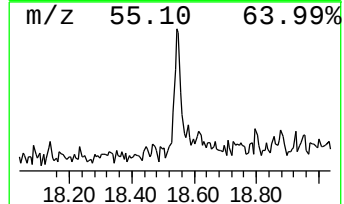
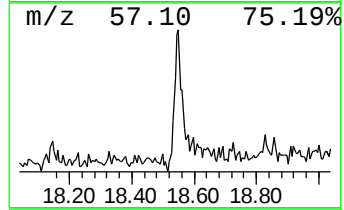
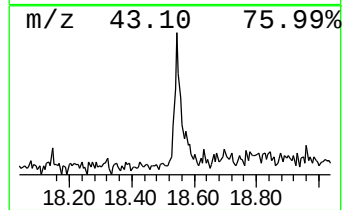
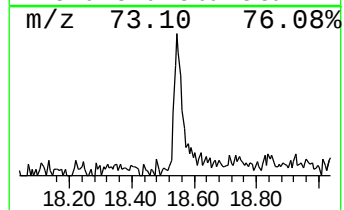
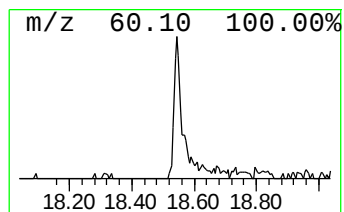
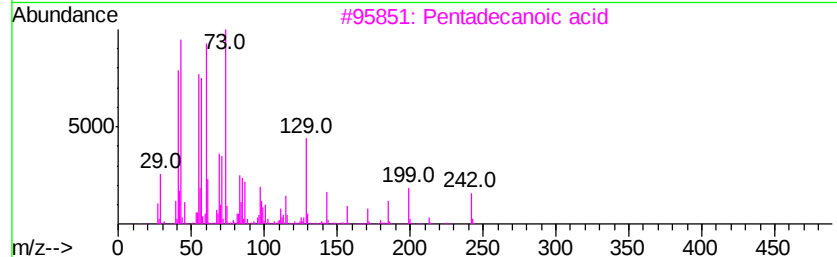
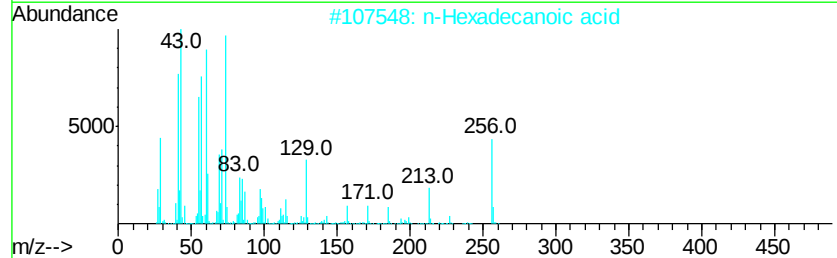
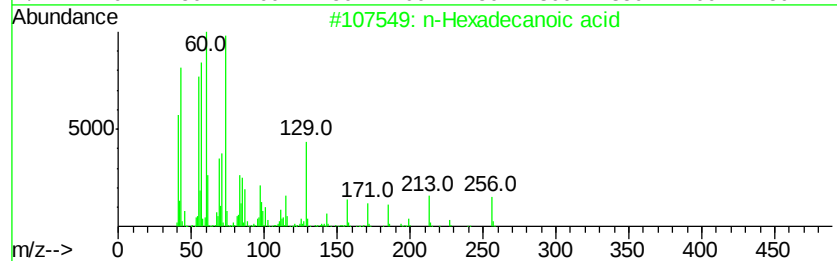
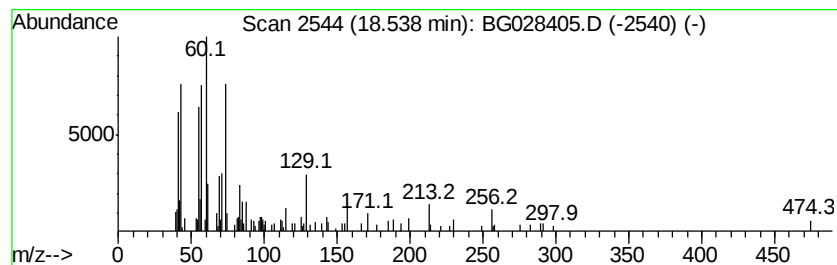
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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	2.32 ng/ul	109801	Phenanthrene-d10	17.70

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	62	
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	58	
4	n-Decanoic acid	172	C10H20O2	000334-48-5	53	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	50	



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.54	2.3	ng/ul	109801	4	17.70	944652	20.0