

Data Path : U:\HPCHEM1\BNA G\DATA\BG070216\
 Data File : BG022805.D
 Acq On : 2 Jul 2016 22:28
 Operator : UM/SJ
 Sample : H3818-08
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDHT3

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-BG063016.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	4.074	207	210	211	rVB2	9494	6283	0.13%	0.012%
2	4.092	211	213	216	rBV4	6037	6632	0.14%	0.013%
3	5.097	383	384	387	rBV2	6926	6692	0.14%	0.013%
4	5.191	397	400	401	rBV3	6583	7504	0.16%	0.015%
5	5.267	409	413	414	rVB2	8865	9605	0.20%	0.019%
6	5.290	414	417	418	rBV2	9052	8256	0.18%	0.016%
7	5.320	421	422	426	rBV3	9987	10159	0.22%	0.020%
8	5.508	452	454	456	rVB3	7168	6602	0.14%	0.013%
9	6.048	542	546	550	rVB7	7351	8565	0.18%	0.017%
10	6.336	593	595	597	rBV3	7233	7570	0.16%	0.015%
11	6.565	631	634	639	rVB5	8378	10874	0.23%	0.021%
12	6.777	666	670	672	rBV5	6694	7583	0.16%	0.015%
13	6.877	685	687	690	rBV3	6936	7072	0.15%	0.014%
14	7.218	743	745	750	rVB6	7602	12214	0.26%	0.024%
15	7.306	750	760	771	rBV2	478863	913644	19.43%	1.790%
16	7.435	781	782	783	rBV	10939	6594	0.14%	0.013%
17	7.476	783	789	797	rVB	338164	573320	12.19%	1.124%
18	7.564	801	804	805	rBV2	10068	9042	0.19%	0.018%
19	7.688	818	825	836	rVB	416547	741411	15.76%	1.453%
20	8.158	899	905	913	rBV	492455	901041	19.16%	1.766%
21	8.634	983	986	988	rBV4	6056	6608	0.14%	0.013%
22	8.687	991	995	996	rBV3	6663	8454	0.18%	0.017%
23	8.781	1010	1011	1015	rVB3	7006	6848	0.15%	0.013%
24	8.863	1018	1025	1033	rVV	659401	1129202	24.01%	2.213%
25	9.198	1079	1082	1084	rBV3	7409	8026	0.17%	0.016%
26	9.327	1098	1104	1114	rVB	479219	857013	18.22%	1.679%
27	9.415	1114	1119	1126	rBV3	36996	76568	1.63%	0.150%
28	9.632	1153	1156	1157	rBV3	6336	6276	0.13%	0.012%
29	9.721	1167	1171	1175	rVB4	13789	18268	0.39%	0.036%
30	9.885	1195	1199	1203	rVB4	4791	6958	0.15%	0.014%
31	10.055	1221	1228	1238	rBV	429313	781757	16.62%	1.532%
32	10.191	1248	1251	1255	rBV4	14384	21460	0.46%	0.042%
33	10.514	1303	1306	1307	rBV2	7244	7882	0.17%	0.015%
34	10.602	1311	1321	1328	rVV	660350	1244383	26.46%	2.439%

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35	10.749	1343	1346	1351	rVB6	8882	10135	0.22%	0.020%
36	10.990	1379	1387	1394	rBV	772254	1416409	30.12%	2.776%
37	11.043	1394	1396	1398	rVB3	9015	6671	0.14%	0.013%
38	11.119	1402	1409	1417	rVV2	638540	1155940	24.58%	2.265%
39	11.319	1440	1443	1446	rVB3	4878	6330	0.13%	0.012%
40	11.366	1446	1451	1453	rBV6	5342	11055	0.24%	0.022%
41	11.971	1553	1554	1559	rBV4	6645	8068	0.17%	0.016%
42	12.159	1583	1586	1587	rBV3	6807	7317	0.16%	0.014%
43	12.494	1638	1643	1646	rVB4	17552	27109	0.58%	0.053%
44	12.564	1650	1655	1658	rBV6	14753	27128	0.58%	0.053%
45	12.981	1721	1726	1728	rBV4	8048	10125	0.22%	0.020%
46	13.158	1753	1756	1758	rVB3	8078	8916	0.19%	0.017%
47	13.399	1792	1797	1800	rVB7	9190	16334	0.35%	0.032%
48	13.604	1828	1832	1835	rBV4	12585	14556	0.31%	0.029%
49	13.669	1840	1843	1844	rBV3	13406	11011	0.23%	0.022%
50	13.810	1862	1867	1868	rBV3	4563	7749	0.16%	0.015%
51	13.875	1875	1878	1882	rBV5	7429	11706	0.25%	0.023%
52	13.922	1882	1886	1890	rVV4	4956	8556	0.18%	0.017%
53	14.057	1907	1909	1914	rBV5	5132	9225	0.20%	0.018%
54	14.198	1927	1933	1937	rBV	1650215	2383606	50.68%	4.671%
55	14.245	1937	1941	1947	rVB	958704	1372020	29.17%	2.689%
56	14.497	1978	1984	1991	rBV	1570008	2416474	51.38%	4.735%
57	14.650	2005	2010	2011	rBV3	7807	12045	0.26%	0.024%
58	14.674	2011	2014	2020	rVB3	32816	46463	0.99%	0.091%
59	14.744	2024	2026	2029	rBV4	8372	9491	0.20%	0.019%
60	14.803	2029	2036	2048	rVB2	1450654	2436192	51.80%	4.774%
61	14.991	2062	2068	2079	rBV	674643	1143878	24.32%	2.242%
62	15.291	2117	2119	2126	rVB7	15398	26767	0.57%	0.052%
63	15.343	2126	2128	2129	rBV2	9810	7347	0.16%	0.014%
64	15.361	2129	2131	2134	rVB3	9889	9277	0.20%	0.018%
65	15.526	2156	2159	2161	rBV4	5476	6648	0.14%	0.013%
66	15.578	2163	2168	2173	rVV3	17583	33082	0.70%	0.065%
67	15.625	2173	2176	2181	rVV3	56569	76042	1.62%	0.149%
68	15.684	2184	2186	2190	rVB4	6827	8191	0.17%	0.016%
69	15.796	2198	2205	2212	rBV	2307910	3492450	74.26%	6.844%
70	15.902	2217	2223	2231	rBV2	650739	981918	20.88%	1.924%
71	16.037	2239	2246	2250	rVB5	50346	79740	1.70%	0.156%

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72	16.113	2257	2259	2260	rBV2	11274	8901	0.19%	0.017%
73	16.319	2292	2294	2296	rBV3	7866	8191	0.17%	0.016%
74	16.377	2303	2304	2308	rVB4	11487	8980	0.19%	0.018%
75	16.424	2311	2312	2313	rBV	14318	7616	0.16%	0.015%
76	16.489	2319	2323	2335	rVB2	88635	160315	3.41%	0.314%
77	16.830	2378	2381	2385	rBV6	19505	29578	0.63%	0.058%
78	16.930	2394	2398	2404	rVB7	36495	66149	1.41%	0.130%
79	17.000	2406	2410	2412	rBV4	16686	21183	0.45%	0.042%
80	17.065	2419	2421	2425	rBV5	14563	18508	0.39%	0.036%
81	17.282	2454	2458	2462	rBV	92033	117409	2.50%	0.230%
82	17.429	2480	2483	2488	rBV6	17006	30566	0.65%	0.060%
83	17.553	2498	2504	2511	rBV2	1963129	3149396	66.96%	6.172%
84	17.652	2515	2521	2533	rVB2	2366569	3822199	81.27%	7.490%
85	17.911	2563	2565	2566	rVB2	14375	7542	0.16%	0.015%
86	18.023	2581	2584	2589	rVB3	53006	72303	1.54%	0.142%
87	18.181	2609	2611	2612	rBV2	9023	7681	0.16%	0.015%
88	18.299	2627	2631	2637	rBV6	55990	80098	1.70%	0.157%
89	18.422	2647	2652	2660	rBV2	481106	671855	14.29%	1.317%
90	18.710	2699	2701	2704	rBV4	20717	23435	0.50%	0.046%
91	18.957	2741	2743	2746	rVB3	11240	13212	0.28%	0.026%
92	19.209	2784	2786	2789	rBV3	16244	17373	0.37%	0.034%
93	19.574	2844	2848	2850	rBV2	42272	50467	1.07%	0.099%
94	19.685	2863	2867	2878	rBV3	251852	352166	7.49%	0.690%
95	19.938	2903	2910	2921	rBV	3123669	4703153	100.00%	9.217%
96	21.466	3165	3170	3177	rBV5	216679	375929	7.99%	0.737%
97	21.853	3230	3236	3250	rVB2	2204169	3923641	83.43%	7.689%
98	23.598	3528	3533	3539	rVB2	180953	346961	7.38%	0.680%
99	25.003	3761	3772	3785	rVB2	1523314	4412613	93.82%	8.647%
100	25.238	3801	3812	3823	rVB	1290793	3765521	80.06%	7.379%

Sum of corrected areas: 51029278

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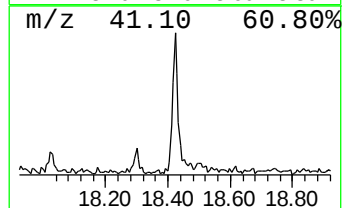
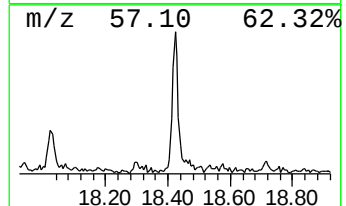
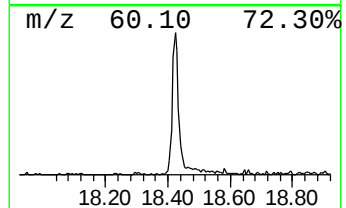
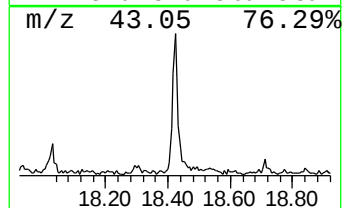
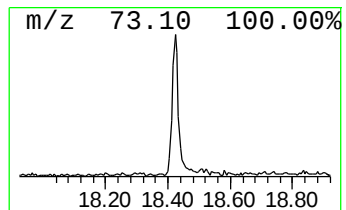
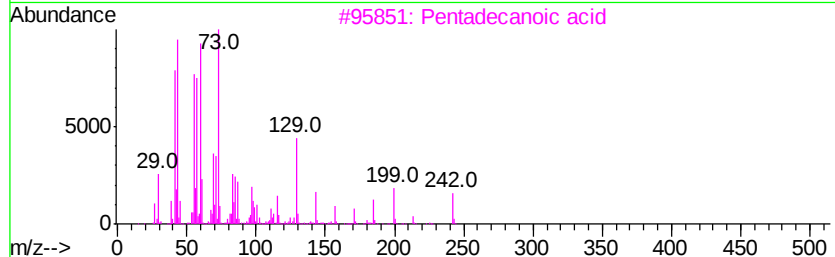
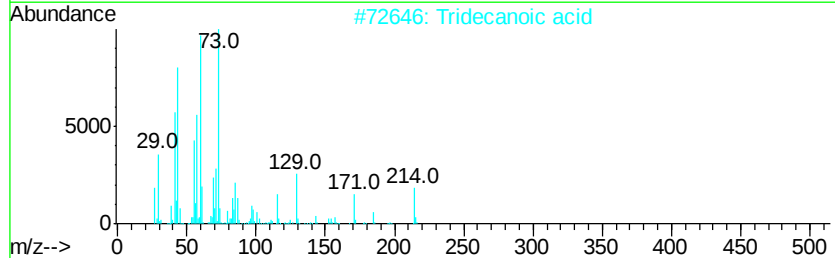
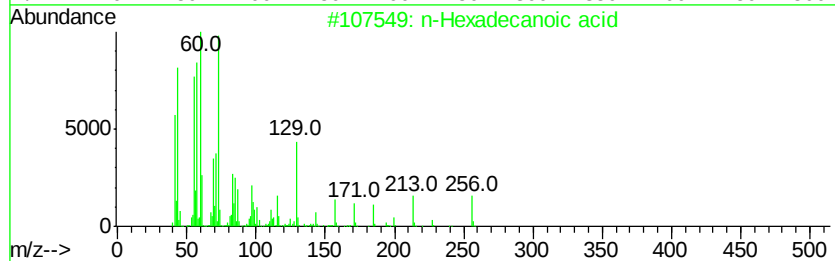
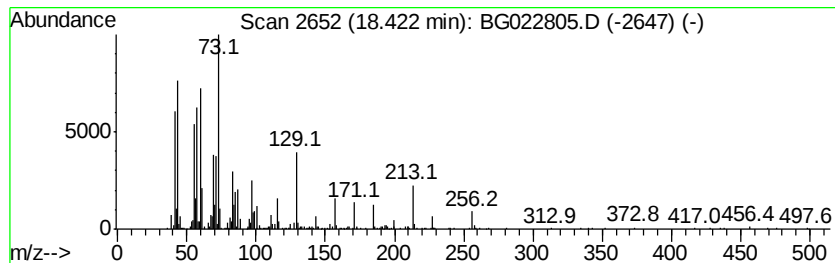
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

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.		
18.42	4.27 ng/ul	671855	Phenanthrene-d10	17.55		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		Tridecanoic acid	214	C13H26O2	000638-53-9	83
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	70
5		Tridecanoic acid	214	C13H26O2	000638-53-9	64



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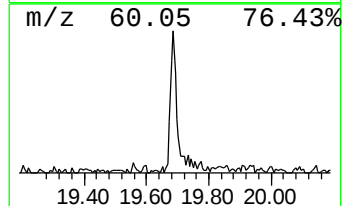
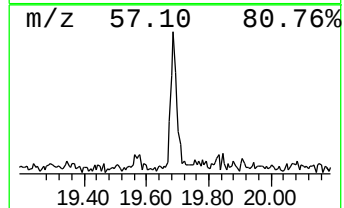
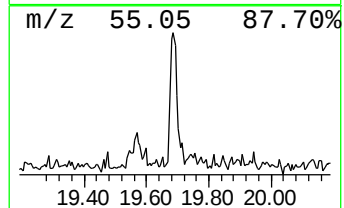
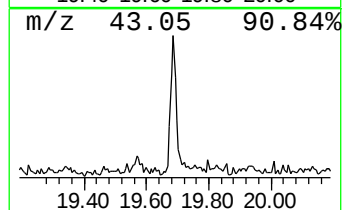
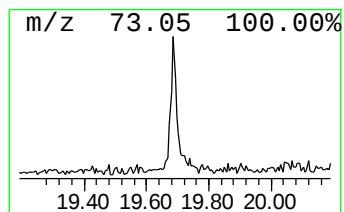
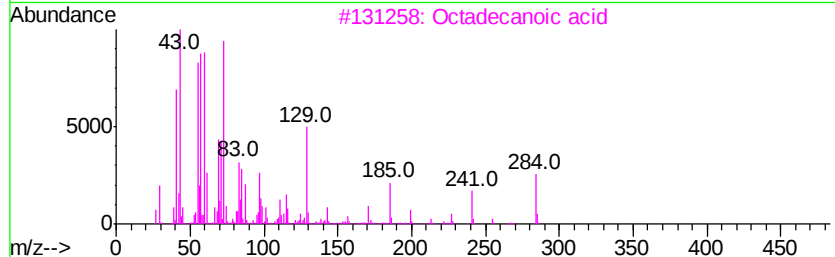
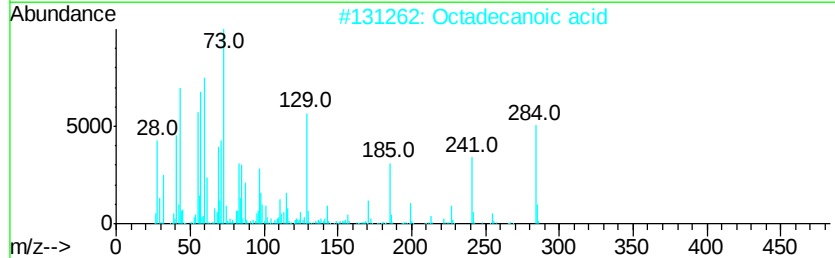
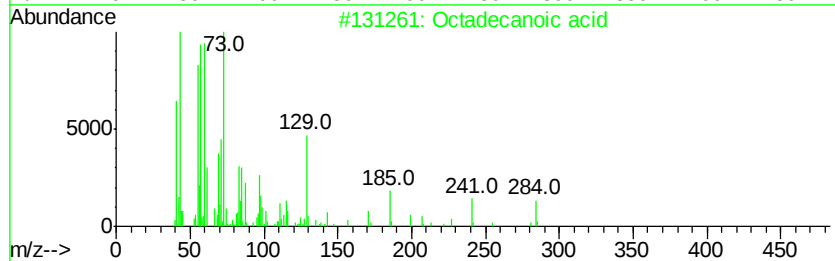
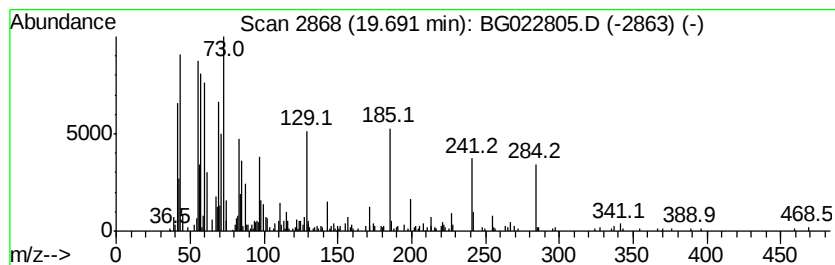
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.
19.69	2.24 ng/ul	352166	Phenanthrene-d10		17.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Octadecanoic acid	284	C18H36O2	000057-11-4	98
3			Octadecanoic acid	284	C18H36O2	000057-11-4	98
4			Octadecanoic acid	284	C18H36O2	000057-11-4	93
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	70



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.42	4.3	ng/ul	671855	4	17.55	3149400	20.0
Octadecanoic acid	19.69	2.2	ng/ul	352166	4	17.55	3149400	20.0