

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
 Data File : BG028301.D
 Acq On : 11 Aug 2017 22:15
 Operator : SJ/JU
 Sample : I4550-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AF3

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	3.844	39	43	49	rBV4	7025	11639	1.07%	0.084%
2	3.967	62	64	68	rBV3	2777	2480	0.23%	0.018%
3	4.120	85	90	97	rVB5	3925	9291	0.86%	0.067%
4	4.255	109	113	116	rBV3	2925	4070	0.38%	0.029%
5	4.343	124	128	136	rVV4	12500	20809	1.92%	0.150%
6	4.414	136	140	144	rVB5	2404	3818	0.35%	0.028%
7	4.578	161	168	172	rVB5	2863	3717	0.34%	0.027%
8	4.872	213	218	224	rBV6	3066	6158	0.57%	0.044%
9	5.113	254	259	263	rBV3	2630	4265	0.39%	0.031%
10	5.154	265	266	270	rBV4	1854	2506	0.23%	0.018%
11	5.260	278	284	287	rBV4	2239	3406	0.31%	0.025%
12	5.383	301	305	309	rBV3	1445	2471	0.23%	0.018%
13	5.471	311	320	328	rBV4	10270	21046	1.94%	0.152%
14	5.548	328	333	339	rBV3	4353	7137	0.66%	0.052%
15	5.630	343	347	351	rVB3	2137	3331	0.31%	0.024%
16	5.665	351	353	357	rBV2	1916	2304	0.21%	0.017%
17	6.224	446	448	454	rBV3	1293	2972	0.27%	0.021%
18	6.365	467	472	476	rVB2	1119	2283	0.21%	0.016%
19	6.435	476	484	486	rBV6	1943	3991	0.37%	0.029%
20	6.811	544	548	553	rBV2	1689	2596	0.24%	0.019%
21	6.923	560	567	572	rBV5	2247	4108	0.38%	0.030%
22	6.993	575	579	582	rVB4	2272	3476	0.32%	0.025%
23	7.340	637	638	641	rBV2	2031	2024	0.19%	0.015%
24	7.369	641	643	647	rVB3	2046	2242	0.21%	0.016%
25	7.504	659	666	681	rBV2	147597	313177	28.92%	2.261%
26	7.675	688	695	705	rBV	105119	185593	17.14%	1.340%
27	7.892	720	732	740	rBV2	140927	256299	23.67%	1.850%
28	8.362	803	812	823	rVB	180884	335889	31.02%	2.425%
29	8.591	847	851	858	rVB2	2904	6378	0.59%	0.046%
30	8.656	858	862	864	rBV2	1711	2106	0.19%	0.015%
31	8.750	874	878	883	rVB3	1178	2031	0.19%	0.015%
32	8.962	910	914	917	rVB3	1548	2370	0.22%	0.017%
33	9.056	917	930	941	rBV	171972	335789	31.01%	2.424%
34	9.191	952	953	959	rVB2	1842	2133	0.20%	0.015%

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35	9.349	975	980	984	rBV3	1370	2781	0.26%	0.020%
36	9.526	1000	1010	1021	rBV	153828	295392	27.28%	2.132%
37	9.625	1022	1027	1042	rVB6	3926	13149	1.21%	0.095%
38	9.890	1068	1072	1077	rVB3	2541	4337	0.40%	0.031%
39	10.248	1125	1133	1143	rBV	130574	267343	24.69%	1.930%
40	10.795	1219	1226	1240	rVV2	205273	392743	36.27%	2.835%
41	10.959	1253	1254	1259	rVB3	2192	2245	0.21%	0.016%
42	11.106	1276	1279	1283	rBV3	2256	3199	0.30%	0.023%
43	11.177	1283	1291	1305	rVB	295049	555443	51.29%	4.009%
44	11.312	1306	1314	1331	rBV	124891	264532	24.43%	1.909%
45	11.500	1343	1346	1351	rVB3	2232	3046	0.28%	0.022%
46	11.553	1351	1355	1358	rBV2	1563	2079	0.19%	0.015%
47	11.635	1364	1369	1370	rVB2	1476	2060	0.19%	0.015%
48	11.694	1373	1379	1387	rBV5	4657	8835	0.82%	0.064%
49	12.134	1448	1454	1455	rBV3	1579	2633	0.24%	0.019%
50	12.328	1483	1487	1492	rBV3	3306	5597	0.52%	0.040%
51	12.369	1492	1494	1497	rVB	1799	2070	0.19%	0.015%
52	12.616	1529	1536	1542	rBV2	12487	19421	1.79%	0.140%
53	12.734	1553	1556	1562	rVB4	4229	6762	0.62%	0.049%
54	13.127	1619	1623	1629	rBV2	1647	3861	0.36%	0.028%
55	13.204	1629	1636	1639	rBV	1816	4439	0.41%	0.032%
56	13.315	1649	1655	1658	rBV4	2908	4751	0.44%	0.034%
57	13.427	1670	1674	1676	rVB	1956	2509	0.23%	0.018%
58	13.462	1676	1680	1682	rBV2	2345	2749	0.25%	0.020%
59	13.556	1693	1696	1704	rVB3	4529	6310	0.58%	0.046%
60	13.627	1704	1708	1711	rBV2	1968	3124	0.29%	0.023%
61	13.762	1726	1731	1734	rBV2	4121	4923	0.45%	0.036%
62	13.838	1738	1744	1749	rVB4	3569	7171	0.66%	0.052%
63	14.273	1815	1818	1824	rVB3	1961	2279	0.21%	0.016%
64	14.355	1824	1832	1836	rBV	422631	625617	57.77%	4.516%
65	14.396	1836	1839	1846	rVB	131055	191276	17.66%	1.381%
66	14.455	1847	1849	1855	rVB4	2794	3366	0.31%	0.024%
67	14.661	1871	1884	1894	rBV	429654	717013	66.21%	5.176%
68	14.819	1904	1911	1916	rVB4	7102	10682	0.99%	0.077%
69	14.966	1928	1936	1944	rVB	498894	808482	74.66%	5.836%
70	15.160	1961	1969	1980	rBV2	92427	219310	20.25%	1.583%
71	15.313	1992	1995	1997	rBV4	4430	5418	0.50%	0.039%

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72	15.366	1997	2004	2012	rVB9	13611	37589	3.47%	0.271%
73	15.430	2012	2015	2023	rVB8	4941	9041	0.83%	0.065%
74	15.507	2025	2028	2034	rBV6	2825	4495	0.42%	0.032%
75	15.724	2060	2065	2068	rBV3	4536	7785	0.72%	0.056%
76	15.765	2068	2072	2079	rVV2	20918	29534	2.73%	0.213%
77	15.830	2079	2083	2089	rVB7	3310	5410	0.50%	0.039%
78	15.889	2090	2093	2096	rBV3	2212	2712	0.25%	0.020%
79	15.953	2096	2104	2116	rVB	574407	906015	83.66%	6.540%
80	16.065	2116	2123	2133	rBV2	176538	296141	27.35%	2.138%
81	16.177	2134	2142	2151	rVB7	11514	33911	3.13%	0.245%
82	16.265	2154	2157	2162	rVB5	4641	5793	0.53%	0.042%
83	16.323	2163	2167	2169	rVV3	4209	4696	0.43%	0.034%
84	16.388	2175	2178	2184	rVB8	6898	11343	1.05%	0.082%
85	16.523	2198	2201	2203	rVB4	4794	4794	0.44%	0.035%
86	16.558	2204	2207	2208	rBV3	2104	2031	0.19%	0.015%
87	16.629	2214	2219	2230	rBV2	34725	76845	7.10%	0.555%
88	16.893	2263	2264	2265	rBV	5486	2474	0.23%	0.018%
89	16.976	2271	2278	2280	rBV7	7338	14217	1.31%	0.103%
90	17.034	2286	2288	2291	rVB4	6445	6953	0.64%	0.050%
91	17.140	2304	2306	2310	rBV5	6076	6068	0.56%	0.044%
92	17.422	2350	2354	2359	rBV3	21649	25118	2.32%	0.181%
93	17.716	2395	2404	2411	rBV2	574732	925615	85.47%	6.681%
94	17.810	2413	2420	2432	rVB	550117	904317	83.51%	6.528%
95	18.562	2543	2548	2560	rBV2	96155	213673	19.73%	1.542%
96	19.819	2758	2762	2768	rBV2	102614	177218	16.36%	1.279%
97	20.084	2801	2807	2815	rBV	674857	1082926	100.00%	7.817%
98	22.046	3135	3141	3148	rVB	555847	998018	92.16%	7.204%
99	25.319	3689	3698	3711	rVB2	324175	989432	91.37%	7.142%
100	25.560	3732	3739	3754	rVB2	322169	1018816	94.08%	7.354%

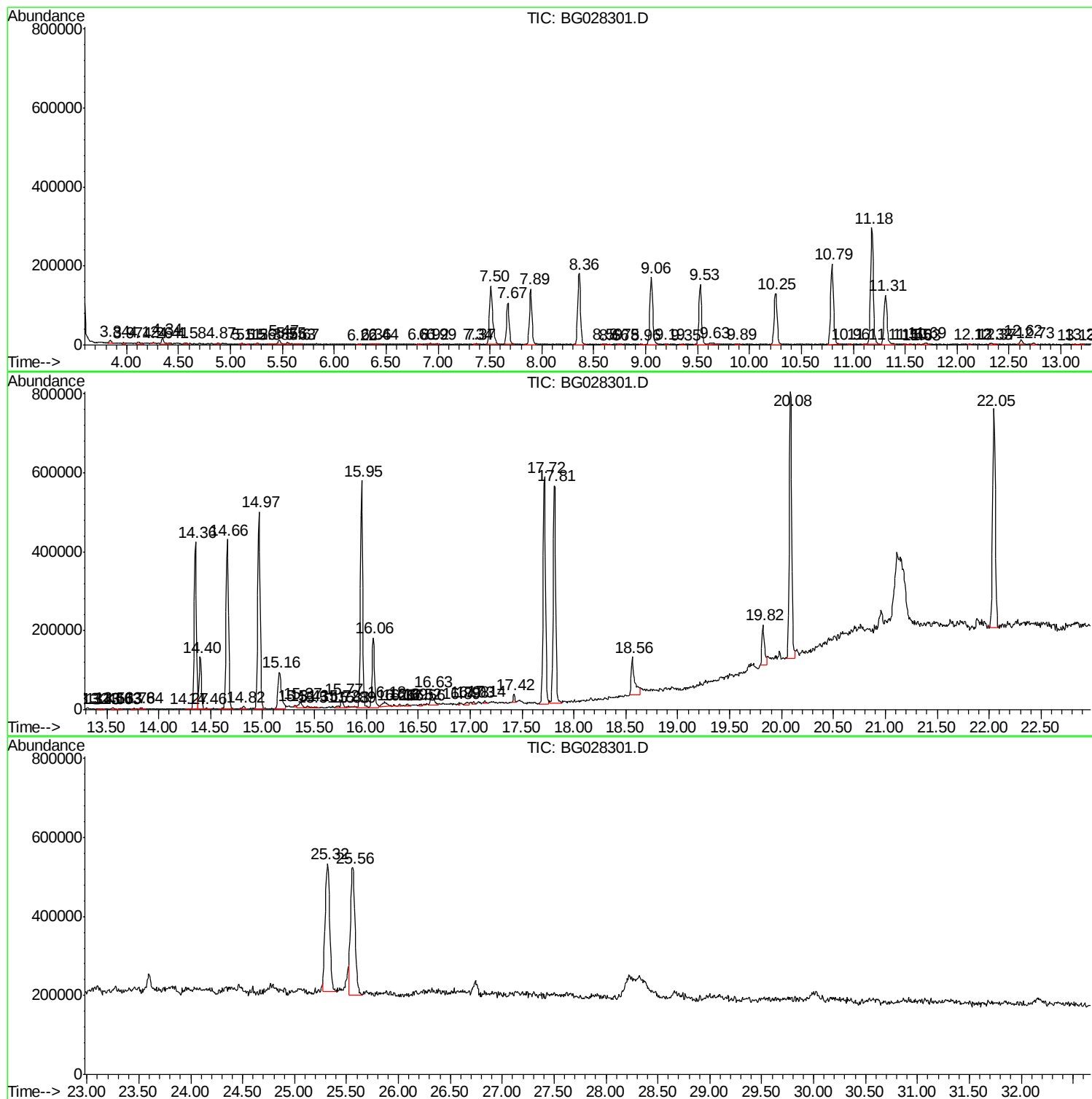
Sum of corrected areas: 13853832

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TIC Library : C:\DATABASE\NIST11.L
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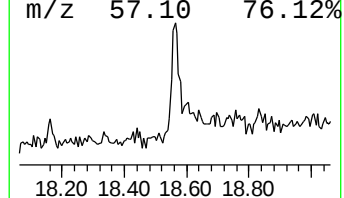
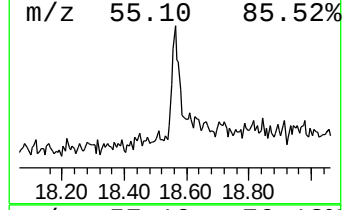
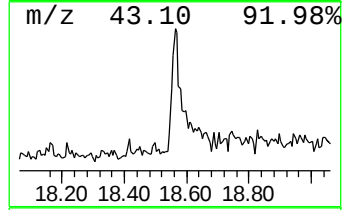
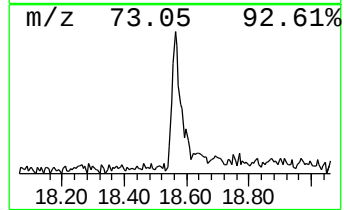
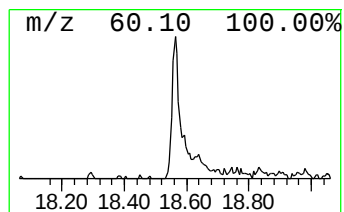
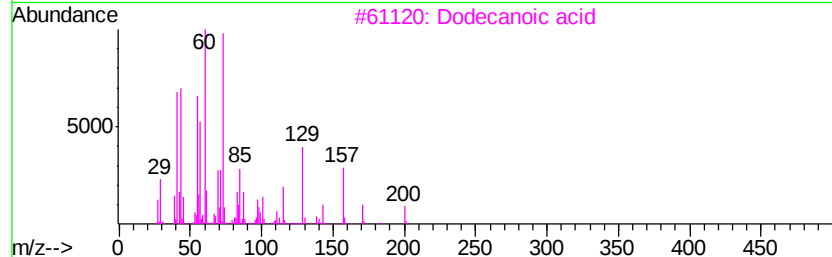
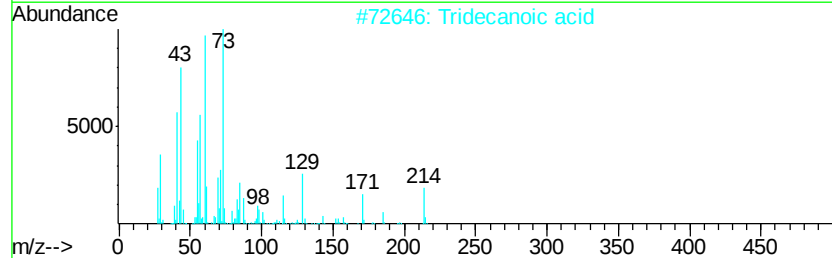
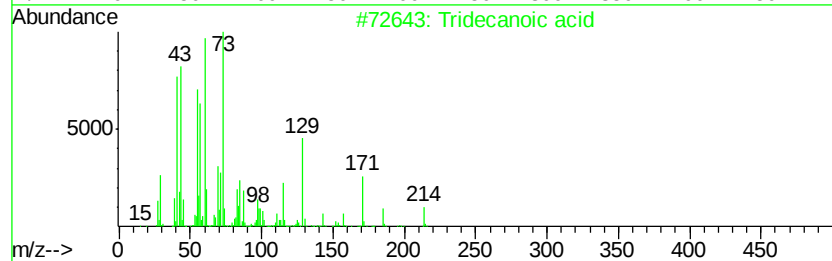
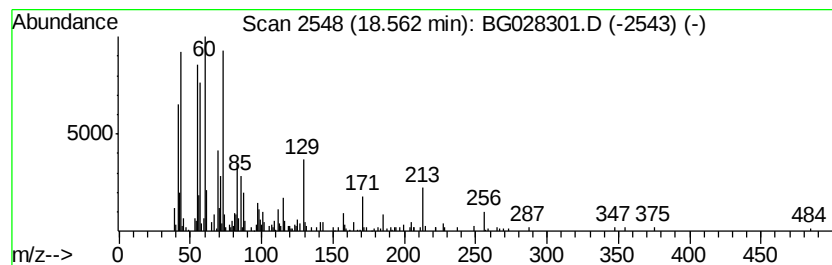
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Tridecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.56	4.62 ng/ul	213673	Phenanthrene-d10		17.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecanoic acid	214	C13H26O2	000638-53-9	80
2			Tridecanoic acid	214	C13H26O2	000638-53-9	74
3			Dodecanoic acid	200	C12H24O2	000143-07-7	72
4			Dodecanoic acid	200	C12H24O2	000143-07-7	64
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	60



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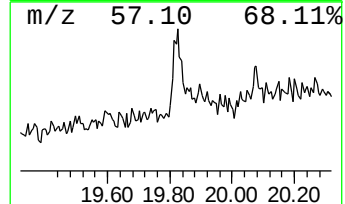
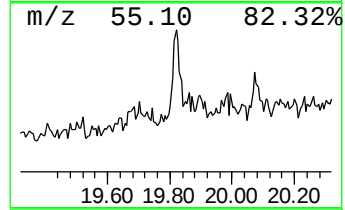
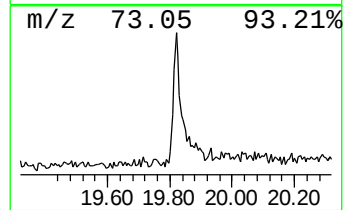
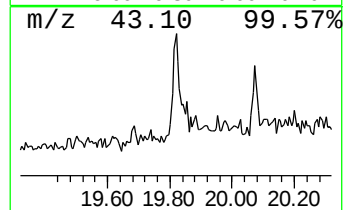
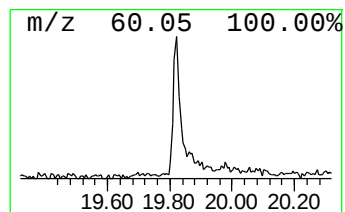
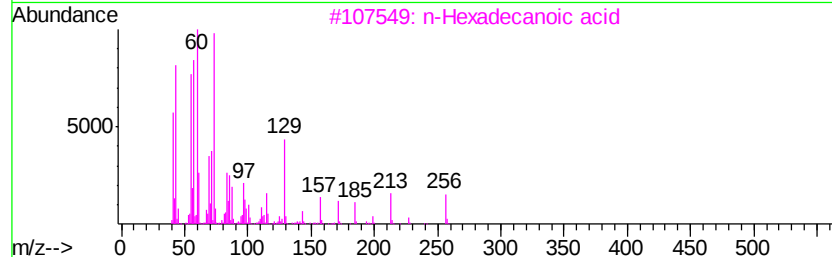
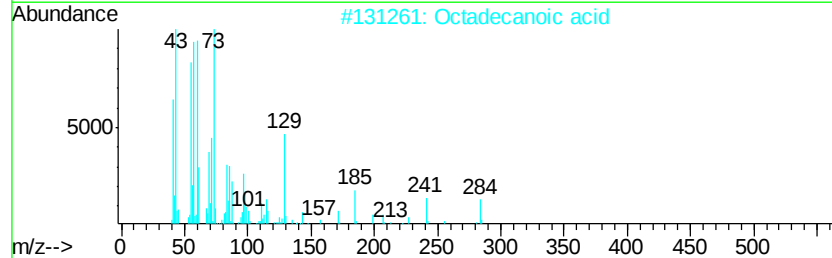
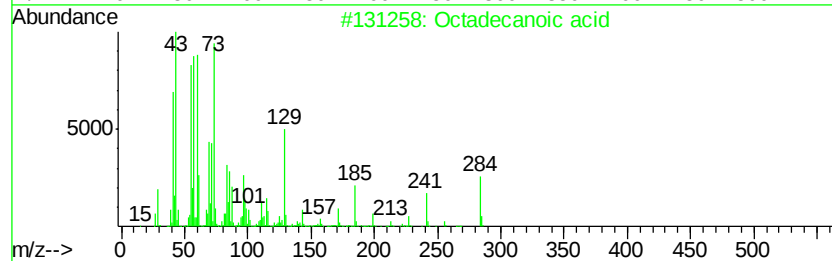
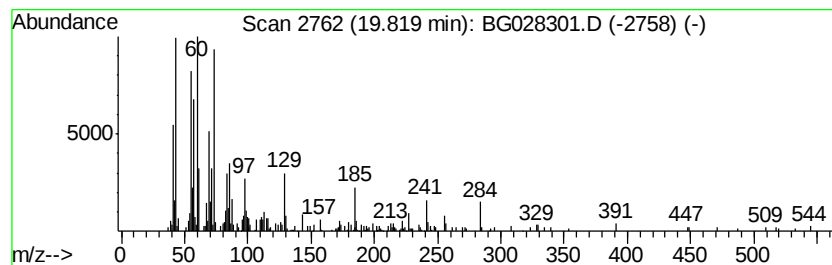
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.
19.82	3.83 ng/ul	177218	Phenanthrene-d10		17.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	91
2			Octadecanoic acid	284	C18H36O2	000057-11-4	90
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	86
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Tridecanoic acid	18.56	4.6	ng/ul	213673	4	17.72	925615	20.0
Octadecanoic acid	19.82	3.8	ng/ul	177218	4	17.72	925615	20.0