

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080917\
 Data File : BG028251.D
 Acq On : 10 Aug 2017 7:39
 Operator : SJ/JU
 Sample : I4455-14
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AE0

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	3.848	38	44	53	rVB3	11938	20931	0.98%	0.099%
2	4.254	110	113	117	rVB3	2217	2841	0.13%	0.013%
3	4.353	125	130	135	rBV3	2920	5180	0.24%	0.025%
4	4.418	138	141	145	rVB5	2067	3166	0.15%	0.015%
5	4.577	164	168	170	rBV4	2494	2887	0.14%	0.014%
6	4.771	193	201	208	rBV	18242	30215	1.41%	0.144%
7	5.176	265	270	278	rVB3	12014	19062	0.89%	0.091%
8	5.458	314	318	323	rBV4	2978	3490	0.16%	0.017%
9	5.875	383	389	394	rVB4	1833	4724	0.22%	0.022%
10	6.351	465	470	474	rBV2	1703	2837	0.13%	0.013%
11	6.439	479	485	489	rBV3	2413	5804	0.27%	0.028%
12	6.563	503	506	512	rBV3	1858	3317	0.16%	0.016%
13	7.256	621	624	628	rVB2	1922	2765	0.13%	0.013%
14	7.497	658	665	681	rBV	224415	478918	22.41%	2.275%
15	7.667	688	694	707	rBV	189589	332079	15.54%	1.577%
16	7.885	723	731	746	rVB	242786	433819	20.30%	2.060%
17	8.355	801	811	824	rVB	201114	351667	16.46%	1.670%
18	8.831	889	892	897	rBV	1642	2879	0.13%	0.014%
19	9.048	921	929	940	rBV	268018	499913	23.39%	2.374%
20	9.365	976	983	985	rBV2	1702	2962	0.14%	0.014%
21	9.518	1002	1009	1023	rBV	258491	483465	22.62%	2.296%
22	9.671	1030	1035	1037	rBV2	2135	3533	0.17%	0.017%
23	10.247	1125	1133	1146	rVB	233633	435068	20.36%	2.066%
24	10.787	1217	1225	1240	rBV	321692	625403	29.27%	2.970%
25	11.087	1274	1276	1282	rVB4	1906	2922	0.14%	0.014%
26	11.169	1282	1290	1301	rVB	287223	548207	25.65%	2.604%
27	11.304	1304	1313	1330	rBV	295938	593224	27.76%	2.817%
28	12.326	1483	1487	1493	rVB2	6571	9540	0.45%	0.045%
29	12.620	1531	1537	1541	rBV5	3680	7348	0.34%	0.035%
30	12.732	1550	1556	1564	rVB	4600	9098	0.43%	0.043%
31	13.314	1650	1655	1663	rVB3	1712	3527	0.17%	0.017%
32	13.554	1690	1696	1699	rVB4	3025	4450	0.21%	0.021%
33	13.825	1738	1742	1748	rVB2	4351	6902	0.32%	0.033%
34	14.348	1823	1831	1835	rBV	763679	1135009	53.11%	5.391%

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35	14.395	1835	1839	1850	rVB	332181	482107	22.56%	2.290%
36	14.653	1873	1883	1892	rBV	742061	1178859	55.17%	5.599%
37	14.818	1905	1911	1919	rVB2	5208	9179	0.43%	0.044%
38	14.959	1927	1935	1944	rBV2	488344	819248	38.34%	3.891%
39	15.147	1960	1967	1985	rBV2	77552	180684	8.46%	0.858%
40	15.364	2002	2004	2010	rVB5	3590	4501	0.21%	0.021%
41	15.429	2010	2015	2023	rVB3	3477	6716	0.31%	0.032%
42	15.722	2061	2065	2067	rBV2	3087	3915	0.18%	0.019%
43	15.758	2067	2071	2077	rVB4	9487	13698	0.64%	0.065%
44	15.946	2088	2103	2112	rBV	1019570	1588571	74.34%	7.545%
45	16.057	2115	2122	2132	rBV	189554	291217	13.63%	1.383%
46	16.187	2139	2144	2153	rVB5	11139	20946	0.98%	0.099%
47	16.322	2163	2167	2171	rVB2	3009	4046	0.19%	0.019%
48	16.375	2171	2176	2177	rBV	2896	2878	0.13%	0.014%
49	16.621	2213	2218	2227	rBV2	12661	23436	1.10%	0.111%
50	16.909	2264	2267	2269	rVB4	2996	3243	0.15%	0.015%
51	16.968	2270	2277	2283	rVV3	3103	6563	0.31%	0.031%
52	17.027	2283	2287	2290	rBV2	1746	3267	0.15%	0.016%
53	17.227	2318	2321	2326	rVB2	2342	3439	0.16%	0.016%
54	17.421	2350	2354	2359	rVV2	5158	6817	0.32%	0.032%
55	17.491	2359	2366	2371	rVB6	4450	8443	0.40%	0.040%
56	17.579	2378	2381	2383	rVB2	2902	2876	0.13%	0.014%
57	17.708	2394	2403	2412	rBV	643879	1021557	47.81%	4.852%
58	17.808	2412	2420	2431	rVV	1118712	1767444	82.71%	8.394%
59	17.879	2431	2432	2440	rVB5	4097	6727	0.31%	0.032%
60	17.967	2443	2447	2449	rBV3	2768	3603	0.17%	0.017%
61	18.167	2477	2481	2484	rVB2	3413	4078	0.19%	0.019%
62	18.331	2507	2509	2514	rVB3	2871	4149	0.19%	0.020%
63	18.466	2525	2532	2534	rBV4	2481	4491	0.21%	0.021%
64	18.560	2543	2548	2559	rBV2	56368	116537	5.45%	0.553%
65	18.748	2578	2580	2586	rVB6	2995	3956	0.19%	0.019%
66	18.842	2592	2596	2601	rVB5	3714	6232	0.29%	0.030%
67	18.936	2606	2612	2622	rBV6	9445	22660	1.06%	0.108%
68	19.077	2633	2636	2641	rVB5	3669	4648	0.22%	0.022%
69	19.277	2667	2670	2673	rBV5	3415	5367	0.25%	0.025%
70	19.459	2698	2701	2705	rBV4	6641	7444	0.35%	0.035%
71	19.565	2717	2719	2723	rBV4	2776	3739	0.17%	0.018%

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72	19.630	2728	2730	2734	rVB5	2584	3186	0.15%	0.015%
73	19.718	2734	2745	2749	rBV	19329	41863	1.96%	0.199%
74	19.812	2757	2761	2779	rBV3	55473	118131	5.53%	0.561%
75	19.976	2783	2789	2792	rVB4	14040	25923	1.21%	0.123%
76	20.029	2796	2798	2799	rBV	5269	3593	0.17%	0.017%
77	20.082	2799	2807	2817	rVB	1388970	2136925	100.00%	10.149%
78	20.323	2846	2848	2851	rBV2	5272	4061	0.19%	0.019%
79	20.558	2885	2888	2892	rBV4	5786	5963	0.28%	0.028%
80	20.999	2961	2963	2970	rBV7	4438	10027	0.47%	0.048%
81	21.069	2971	2975	2981	rVB7	11167	18253	0.85%	0.087%
82	21.392	3021	3030	3037	rVB7	9263	31904	1.49%	0.152%
83	21.545	3054	3056	3058	rBV3	3989	3783	0.18%	0.018%
84	21.604	3065	3066	3072	rBV5	6320	8532	0.40%	0.041%
85	22.039	3132	3140	3148	rBV	651897	1164600	54.50%	5.531%
86	22.385	3196	3199	3201	rBV4	5321	5993	0.28%	0.028%
87	22.603	3231	3236	3240	rVB7	4407	7626	0.36%	0.036%
88	22.714	3254	3255	3259	rBV4	3321	4008	0.19%	0.019%
89	23.590	3399	3404	3411	rVB8	20283	38391	1.80%	0.182%
90	24.453	3545	3551	3561	rVB5	24399	52812	2.47%	0.251%
91	25.299	3682	3695	3709	rVB2	676613	2089212	97.77%	9.922%
92	25.540	3720	3736	3750	rBV	374019	1197366	56.03%	5.687%
93	25.681	3759	3760	3763	rBV3	4626	3868	0.18%	0.018%
94	25.746	3770	3771	3775	rBV3	6138	6652	0.31%	0.032%
95	26.715	3928	3936	3949	rVB5	34964	110129	5.15%	0.523%
96	28.190	4178	4187	4201	rVB3	33453	114860	5.38%	0.546%
97	29.189	4356	4357	4360	rBV3	4240	4977	0.23%	0.024%
98	29.965	4480	4489	4502	rVB5	21026	89629	4.19%	0.426%
99	32.109	4847	4854	4855	rBV7	13550	24201	1.13%	0.115%
100	32.426	4906	4908	4911	rVB4	5162	4573	0.21%	0.022%

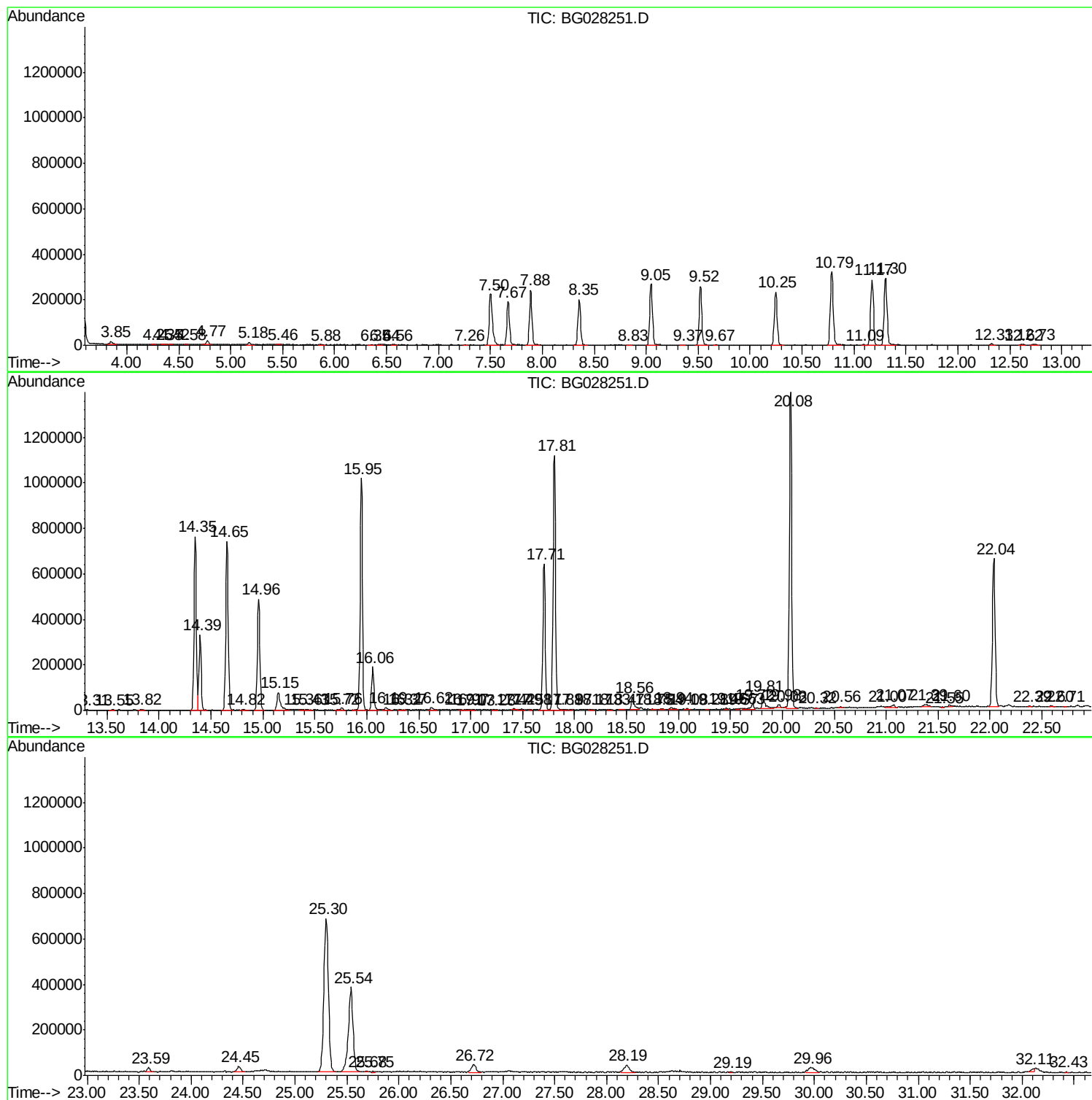
Sum of corrected areas: 21055474

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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



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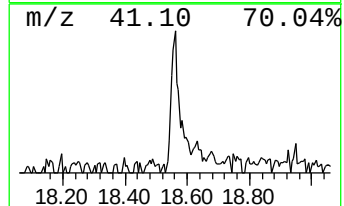
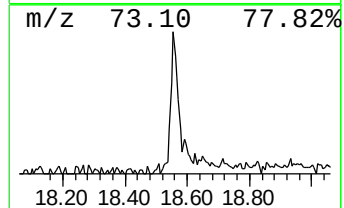
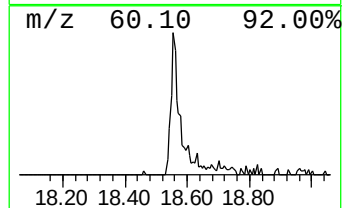
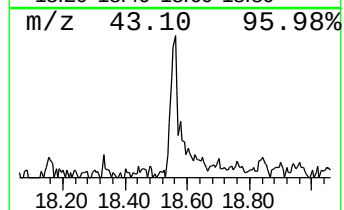
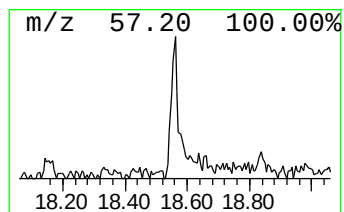
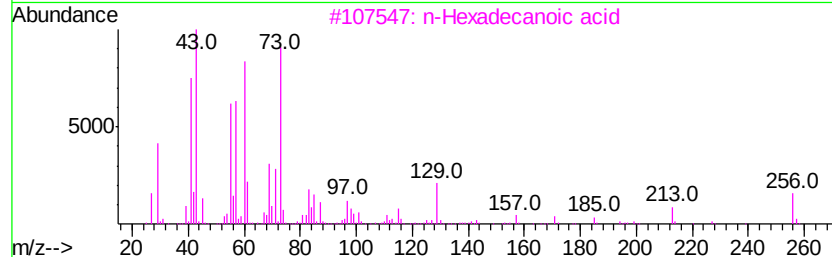
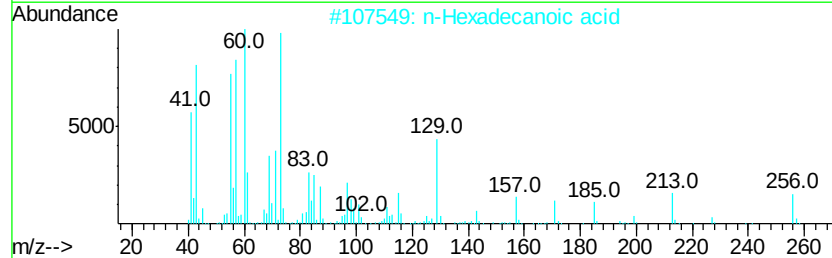
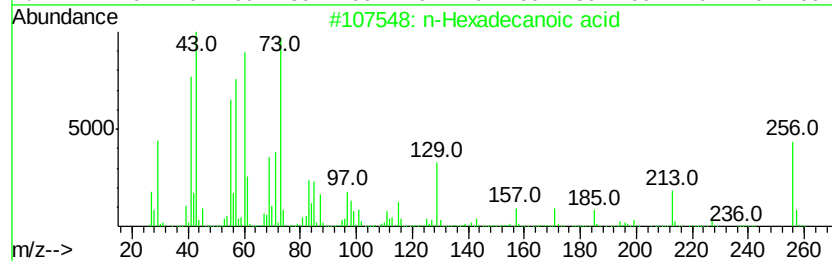
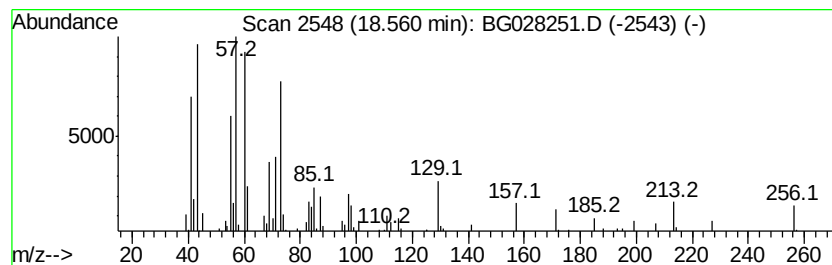
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	2.28 ng/ul	116537	Phenanthrene-d10	17.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
4		Undecanoic acid	186	C11H22O2	000112-37-8	72
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	59



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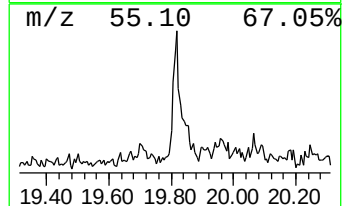
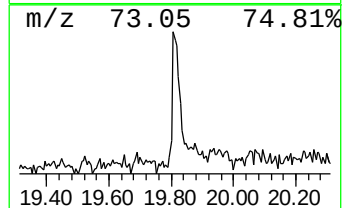
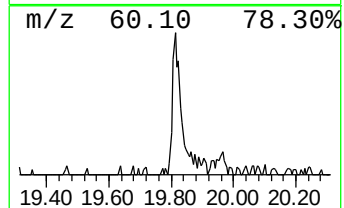
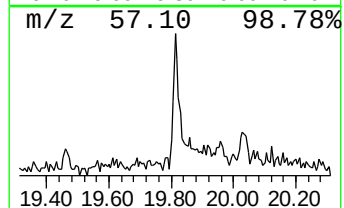
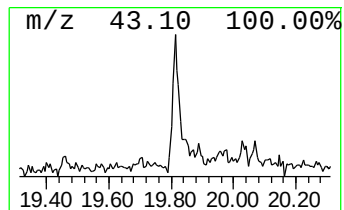
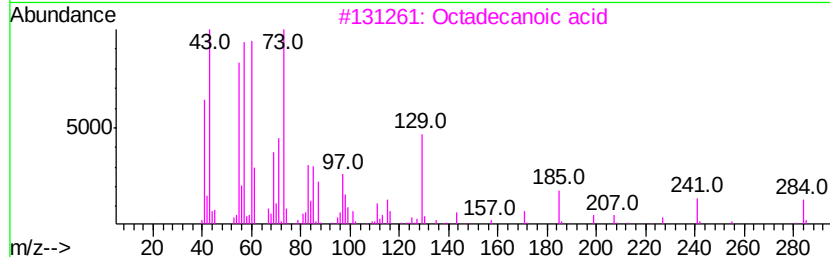
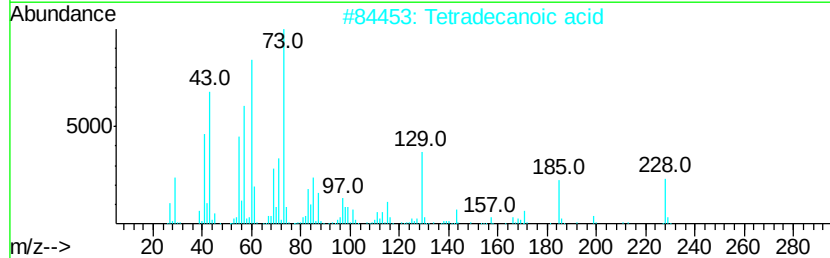
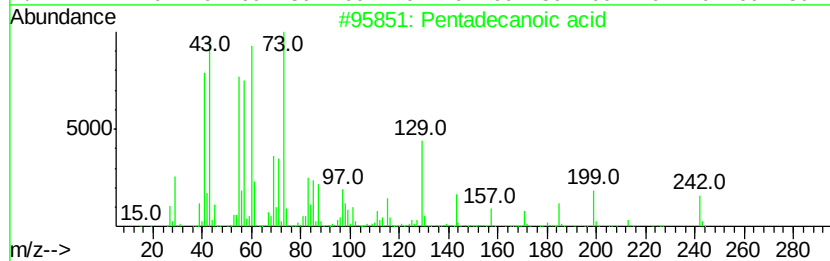
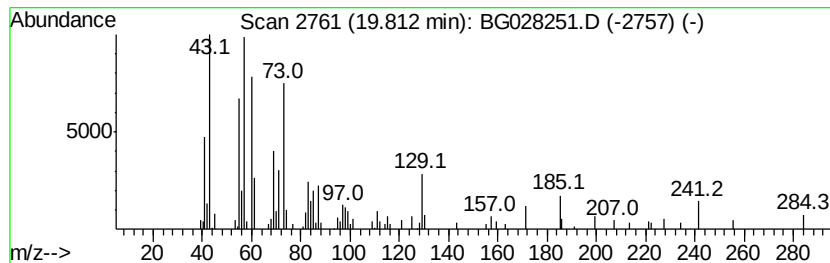
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Peak Number 2 Pentadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.81	2.31 ng/ul	118131	Phenanthrene-d10	17.71	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
3	Octadecanoic acid	284	C18H36O2	000057-11-4	60
4	Tridecanoic acid	214	C13H26O2	000638-53-9	59
5	Undecanoic acid	186	C11H22O2	000112-37-8	59



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.56	2.3	ng/ul	116537	4	17.71	1021560	20.0
Pentadecanoic acid	19.81	2.3	ng/ul	118131	4	17.71	1021560	20.0