

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080717\
 Data File : BG028168.D
 Acq On : 7 Aug 2017 23:01
 Operator : SJ/JU
 Sample : I4578-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C02S9

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	3.843	39	43	50	rBV3	10566	17452	0.94%	0.109%
2	4.571	163	167	170	rVB4	2540	2661	0.14%	0.017%
3	4.765	197	200	203	rBV3	2371	3045	0.16%	0.019%
4	4.941	227	230	233	rBV2	2395	2554	0.14%	0.016%
5	5.476	318	321	325	rVB3	2775	3680	0.20%	0.023%
6	5.870	383	388	391	rVB3	1560	2852	0.15%	0.018%
7	6.481	489	492	497	rBV4	1761	3671	0.20%	0.023%
8	6.557	502	505	512	rVB4	1902	4561	0.25%	0.028%
9	6.604	512	513	520	rBV3	2205	3686	0.20%	0.023%
10	6.810	543	548	552	rBV4	1851	2466	0.13%	0.015%
11	7.503	660	666	676	rVB2	47240	86177	4.64%	0.538%
12	7.673	686	695	704	rVB	142871	257821	13.89%	1.610%
13	7.891	724	732	740	rBV	157710	285917	15.41%	1.786%
14	8.067	757	762	767	rBV3	1272	2737	0.15%	0.017%
15	8.132	767	773	776	rBV5	2620	4188	0.23%	0.026%
16	8.355	802	811	825	rBV	146936	276560	14.90%	1.727%
17	9.048	922	929	940	rBV2	131848	239661	12.92%	1.497%
18	9.448	992	997	1002	rBV2	6220	10907	0.59%	0.068%
19	9.524	1002	1010	1022	rVB	197442	378930	20.42%	2.367%
20	9.771	1048	1052	1058	rBV2	1250	2374	0.13%	0.015%
21	10.247	1125	1133	1143	rBV2	176568	326675	17.61%	2.040%
22	10.787	1217	1225	1241	rBV	220558	444475	23.95%	2.776%
23	10.887	1241	1242	1254	rVB3	1519	3917	0.21%	0.024%
24	10.987	1254	1259	1261	rBV	2539	2786	0.15%	0.017%
25	11.175	1283	1291	1301	rVB3	220614	405088	21.83%	2.530%
26	11.310	1309	1314	1325	rBV5	14957	31451	1.69%	0.196%
27	12.057	1434	1441	1460	rBV	78035	179426	9.67%	1.121%
28	12.621	1534	1537	1544	rVB3	1830	2912	0.16%	0.018%
29	12.738	1553	1557	1565	rVB4	4159	6815	0.37%	0.043%
30	13.314	1652	1655	1665	rBV4	1800	4027	0.22%	0.025%
31	13.825	1737	1742	1747	rBV3	3452	4870	0.26%	0.030%
32	14.154	1795	1798	1803	rBV3	1400	2415	0.13%	0.015%
33	14.354	1821	1832	1845	rBV	586186	892176	48.08%	5.573%
34	14.659	1875	1884	1894	rBV	573553	901241	48.57%	5.629%

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35	14.965	1927	1936	1948	rBV2	373048	622960	33.57%	3.891%
36	15.159	1961	1969	1984	rBV3	39179	95144	5.13%	0.594%
37	15.364	2003	2004	2010	rVB2	2231	3756	0.20%	0.023%
38	15.682	2051	2058	2065	rBV2	34669	56977	3.07%	0.356%
39	15.858	2085	2088	2095	rBV4	1532	2886	0.16%	0.018%
40	15.952	2095	2104	2115	rBV	831677	1251261	67.43%	7.815%
41	16.064	2115	2123	2136	rBV	347425	535772	28.87%	3.346%
42	16.193	2141	2145	2151	rVB5	8144	13477	0.73%	0.084%
43	16.522	2197	2201	2207	rBV4	4414	8073	0.44%	0.050%
44	16.733	2233	2237	2242	rBV3	1784	3881	0.21%	0.024%
45	16.904	2259	2266	2274	rBV4	1699	5062	0.27%	0.032%
46	17.180	2311	2313	2319	rBV2	1853	3147	0.17%	0.020%
47	17.503	2362	2368	2371	rVB3	3540	5072	0.27%	0.032%
48	17.638	2386	2391	2393	rBV2	1756	2506	0.14%	0.016%
49	17.715	2397	2404	2412	rBV	556932	863347	46.53%	5.392%
50	17.809	2412	2420	2435	rVB	1012003	1572313	84.74%	9.821%
51	18.032	2451	2458	2460	rBV2	1326	2406	0.13%	0.015%
52	18.561	2542	2548	2569	rBV3	82395	168796	9.10%	1.054%
53	18.860	2593	2599	2604	rVB4	2397	5356	0.29%	0.033%
54	18.919	2606	2609	2614	rBV4	2362	3978	0.21%	0.025%
55	19.160	2648	2650	2655	rBV5	1864	2886	0.16%	0.018%
56	19.454	2699	2700	2705	rBV3	1890	2636	0.14%	0.016%
57	19.724	2740	2746	2751	rBV2	13501	22871	1.23%	0.143%
58	19.818	2758	2762	2772	rBV	69627	129684	6.99%	0.810%
59	19.977	2785	2789	2794	rVB2	9715	13488	0.73%	0.084%
60	20.088	2800	2808	2823	rVB	1225133	1855541	100.00%	11.590%
61	20.259	2835	2837	2839	rBV3	2986	2670	0.14%	0.017%
62	20.300	2839	2844	2846	rBV5	4955	6709	0.36%	0.042%
63	21.011	2961	2965	2968	rBV5	4221	7950	0.43%	0.050%
64	21.075	2974	2976	2980	rBV5	4641	6433	0.35%	0.040%
65	21.874	3110	3112	3115	rBV4	3535	5361	0.29%	0.033%
66	22.045	3132	3141	3150	rBV	548700	974095	52.50%	6.084%
67	23.596	3401	3405	3412	rBV8	11551	24615	1.33%	0.154%
68	24.477	3548	3555	3564	rVB5	16915	42699	2.30%	0.267%
69	25.312	3685	3697	3714	rVB2	560789	1679237	90.50%	10.488%
70	25.552	3723	3738	3752	rVB2	289876	969306	52.24%	6.054%
71	26.728	3932	3938	3950	rVB4	29151	82281	4.43%	0.514%

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72	28.214	4183	4191	4201	rVB5	26287	84362	4.55%	0.527%
73	30.000	4491	4495	4511	rVB5	20333	71149	3.83%	0.444%

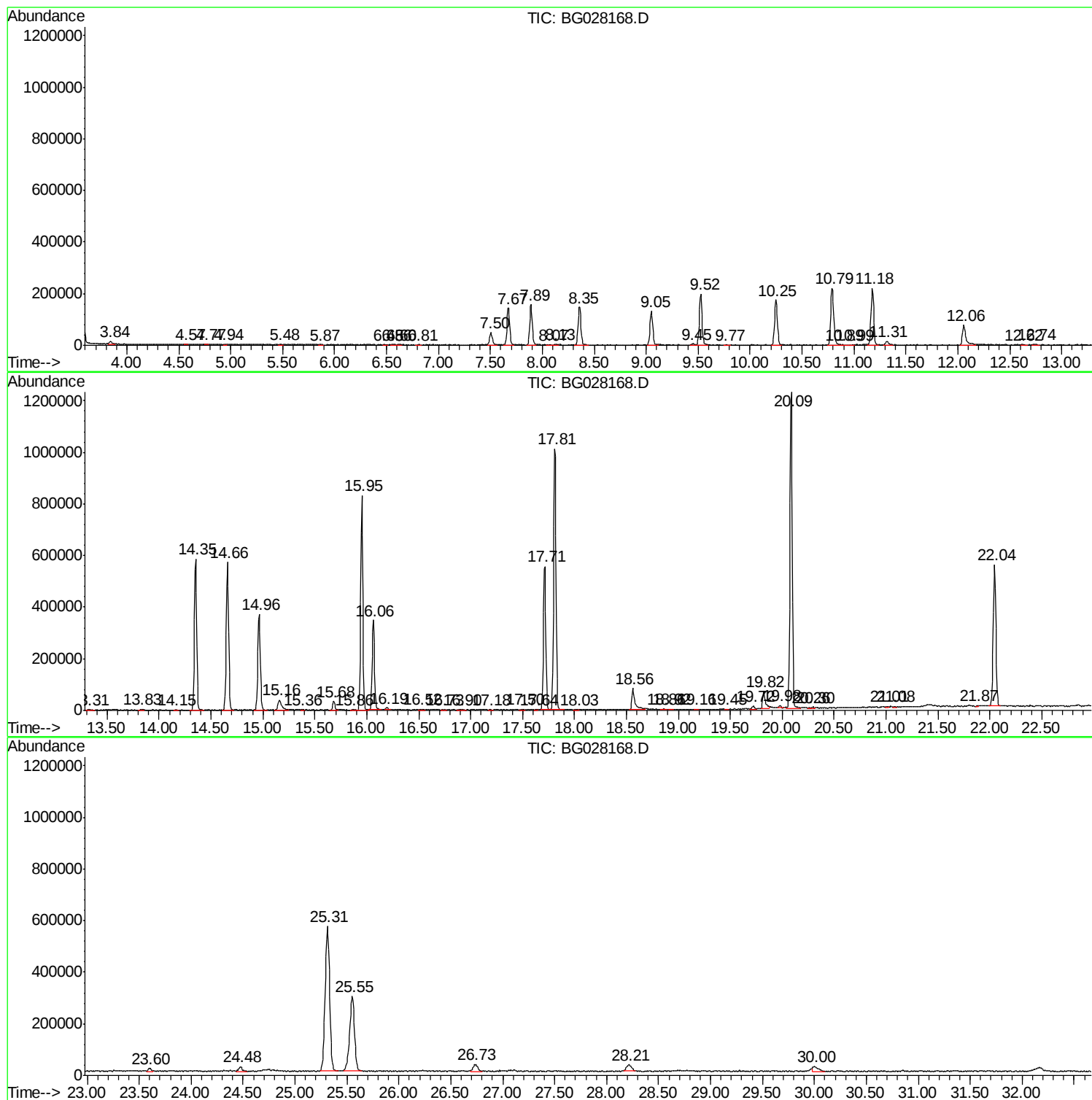
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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



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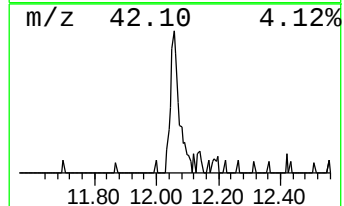
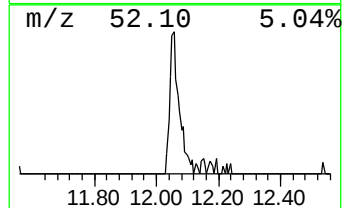
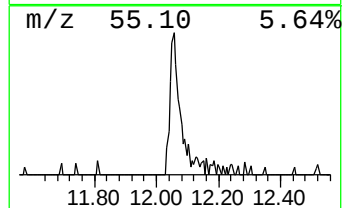
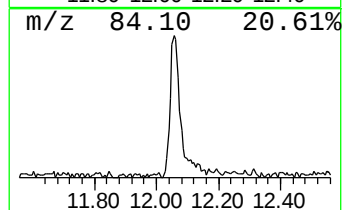
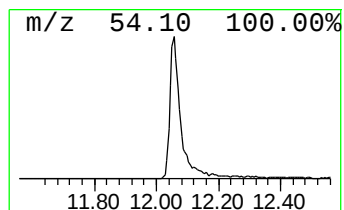
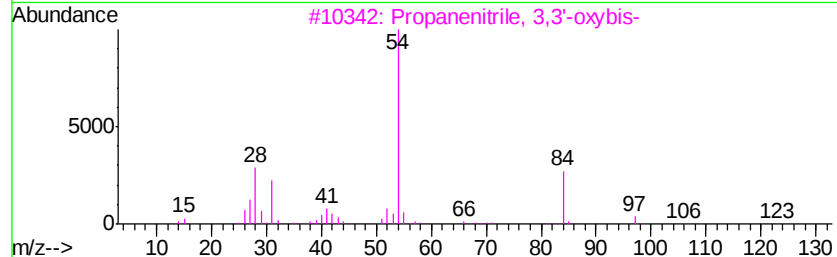
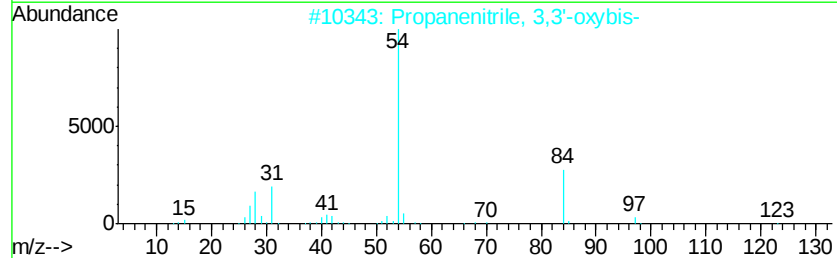
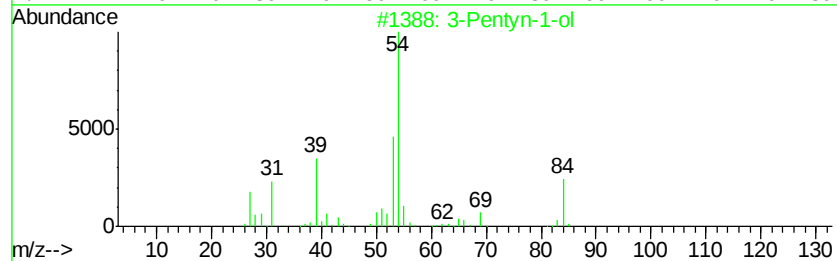
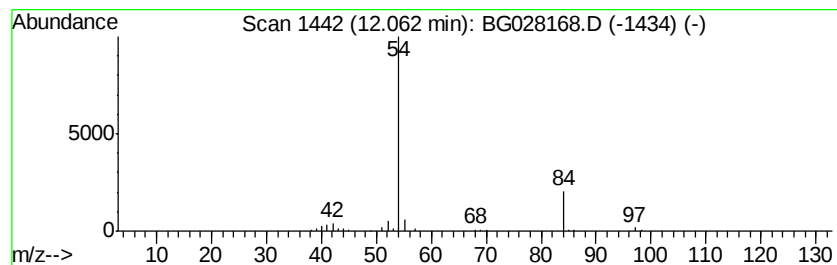
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	8.86 ng/ul	179426	Naphthalene-d8	11.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Pentyn-1-ol	84	C5H8O	010229-10-4	43
2		Propanenitrile, 3,3'-oxybis-	124	C6H8N2O	001656-48-0	9
3		Propanenitrile, 3,3'-oxybis-	124	C6H8N2O	001656-48-0	9
4		Propanenitrile, 3,3'-oxybis-	124	C6H8N2O	001656-48-0	9
5		1-Butyne	54	C4H6	000107-00-6	7



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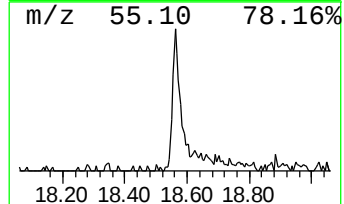
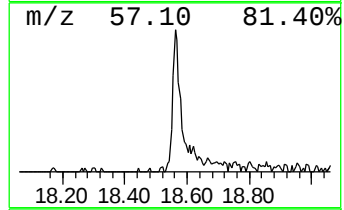
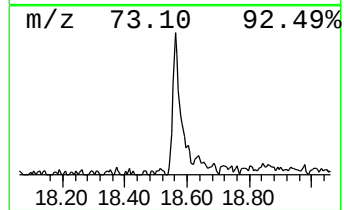
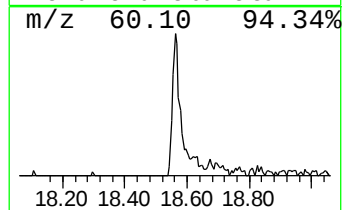
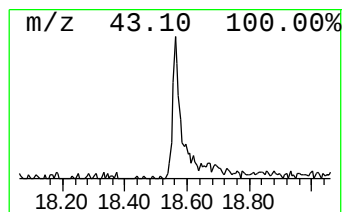
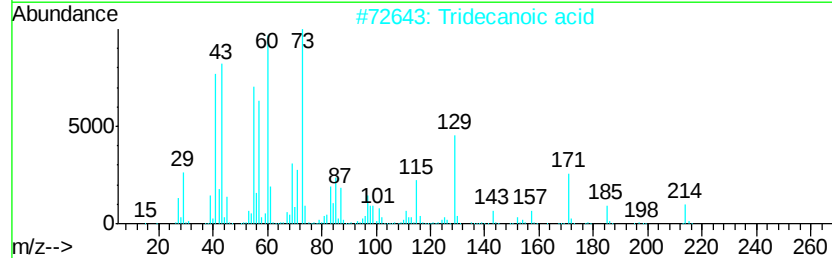
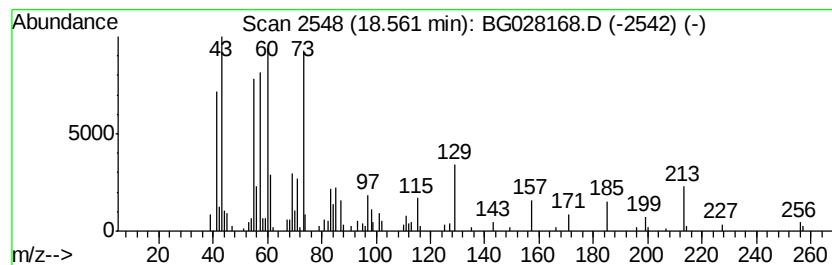
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	3.91 ng/ul	168796	Phenanthrene-d10	17.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2		Tridecanoic acid	214	C13H26O2	000638-53-9	89
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
5		Tridecanoic acid	214	C13H26O2	000638-53-9	72



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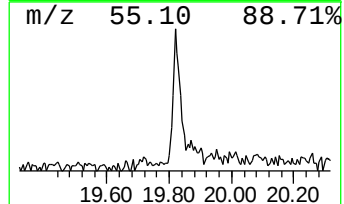
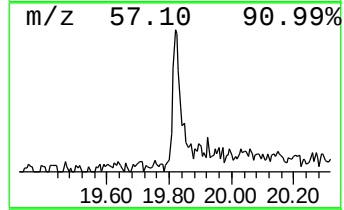
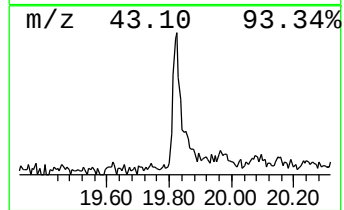
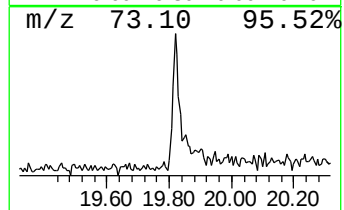
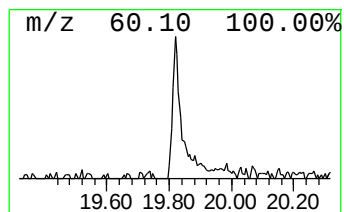
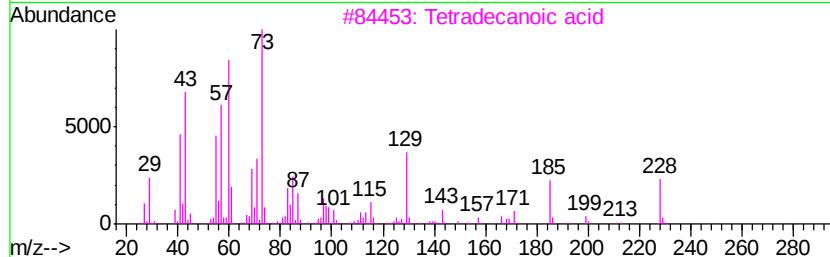
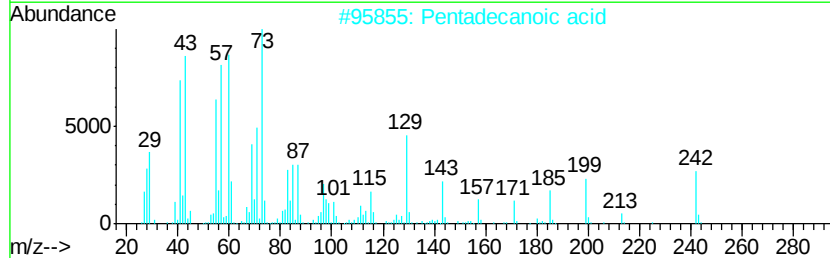
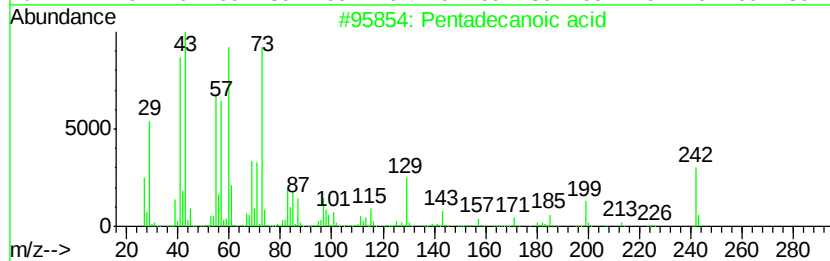
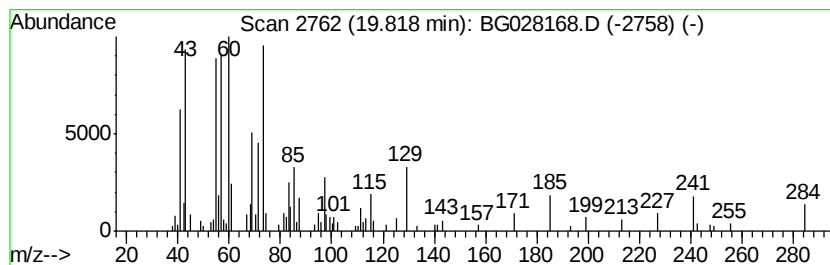
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Peak Number 3 Pentadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.82	3.00 ng/ul	129684	Phenanthrene-d10	17.71

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	74	
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	72	
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64	
4	Octadecanoic acid	284	C18H36O2	000057-11-4	60	
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58	



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown01	12.06	8.9	ng/ul	179426	2	11.18	405088	20.0
n-Hexadecanoic acid	18.56	3.9	ng/ul	168796	4	17.71	863347	20.0
Pentadecanoic acid	19.82	3.0	ng/ul	129684	4	17.71	863347	20.0