

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\
 Data File : BM014544.D
 Acq On : 13 Mar 2018 13:14
 Operator : SJ/JU
 Sample : J1835-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6F02

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 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_M\METHODS\SOM-EPA-BM021418.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	4.628	291	296	297	rBV4	12281	16268	1.06%	0.087%
2	4.657	297	301	306	rVB2	34547	48866	3.20%	0.262%
3	6.687	640	646	662	rBV2	166692	430490	28.16%	2.306%
4	6.828	665	670	680	rVB	139214	227605	14.89%	1.219%
5	7.016	695	702	714	rBV2	212141	385491	25.22%	2.065%
6	7.475	773	780	791	rBV	261735	464915	30.42%	2.490%
7	8.216	900	906	918	rBV2	212086	449830	29.43%	2.410%
8	8.639	972	978	987	rBV	209427	387952	25.38%	2.078%
9	9.357	1093	1100	1109	rBV2	184172	370337	24.23%	1.984%
10	9.904	1185	1193	1212	rBV	199486	532129	34.81%	2.850%
11	10.245	1243	1251	1260	rVB	362700	647138	42.34%	3.467%
12	10.416	1275	1280	1299	rBV2	154675	395896	25.90%	2.121%
13	11.810	1512	1517	1522	rBV5	19296	37881	2.48%	0.203%
14	13.563	1809	1815	1821	rBV	553918	854562	55.91%	4.578%
15	13.616	1821	1824	1829	rVB2	75191	115043	7.53%	0.616%
16	13.827	1852	1860	1872	rVB	598288	928656	60.75%	4.975%
17	14.039	1888	1896	1899	rBV4	36741	56703	3.71%	0.304%
18	14.139	1907	1913	1920	rVB2	602652	923856	60.44%	4.949%
19	14.457	1961	1967	1979	rBV3	121488	384977	25.19%	2.062%
20	14.739	2011	2015	2016	rBV4	11472	16571	1.08%	0.089%
21	14.757	2016	2018	2024	rVB5	14082	17368	1.14%	0.093%
22	14.939	2044	2049	2055	rBV6	12225	23161	1.52%	0.124%
23	14.998	2055	2059	2065	rVB2	42523	55968	3.66%	0.300%
24	15.145	2078	2084	2094	rBV	724518	1101513	72.06%	5.900%
25	15.327	2111	2115	2122	rBV3	170377	327916	21.45%	1.757%
26	15.392	2124	2126	2131	rVB6	22806	36464	2.39%	0.195%
27	15.862	2202	2206	2214	rVB2	37950	62178	4.07%	0.333%
28	16.662	2338	2342	2346	rBV5	19347	29106	1.90%	0.156%
29	16.904	2376	2383	2390	rBV	866087	1213807	79.41%	6.502%
30	17.004	2393	2400	2409	rVV	780185	1224671	80.12%	6.560%
31	17.398	2464	2467	2470	rBV5	15447	16824	1.10%	0.090%
32	17.809	2532	2537	2548	rBV	319707	541946	35.45%	2.903%
33	18.145	2590	2594	2596	rBV5	13252	19144	1.25%	0.103%
34	18.898	2720	2722	2728	rBV7	16747	16484	1.08%	0.088%

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35	18.951	2728	2731	2734	rBV4	25872	40979	2.68%	0.220%
36	19.103	2752	2757	2763	rBV	207747	333990	21.85%	1.789%
37	19.315	2788	2793	2803	rVB2	1000179	1407973	92.11%	7.542%
38	20.833	3047	3051	3055	rBV6	100739	139383	9.12%	0.747%
39	21.127	3096	3101	3108	rBV	1067709	1399167	91.54%	7.495%
40	23.150	3439	3445	3454	rVB2	841750	1528551	100.00%	8.188%
41	23.286	3462	3468	3479	rVB	737611	1456560	95.29%	7.802%

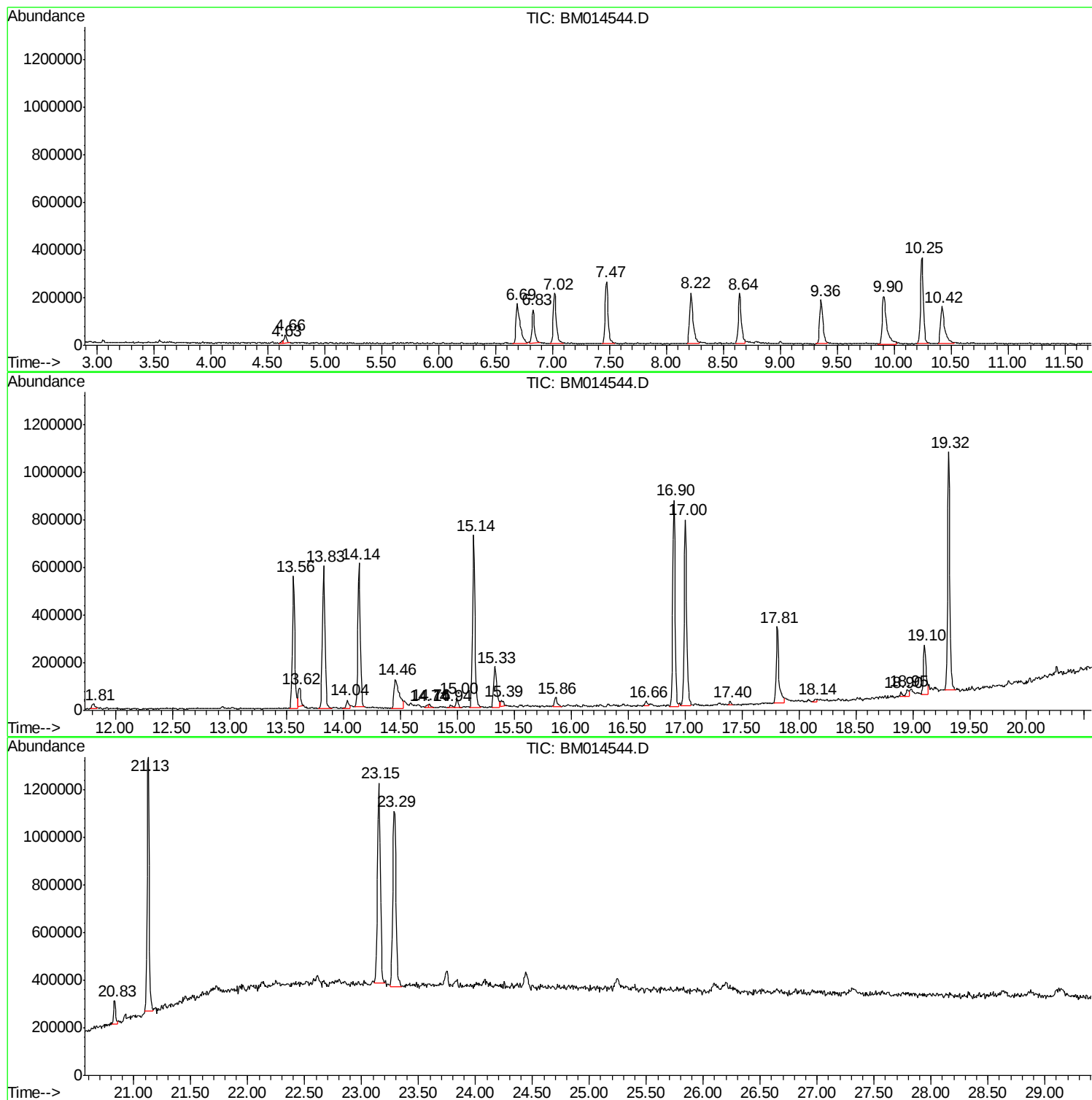
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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



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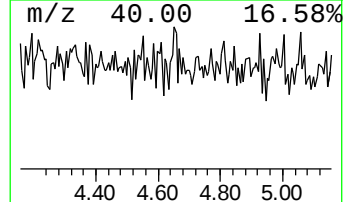
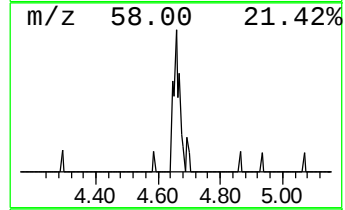
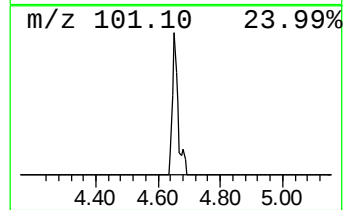
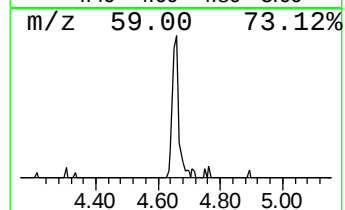
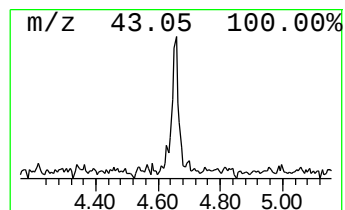
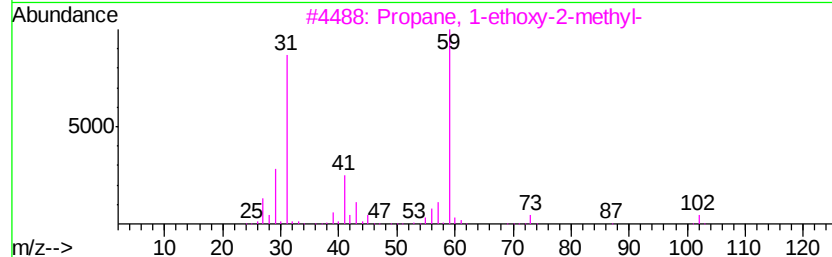
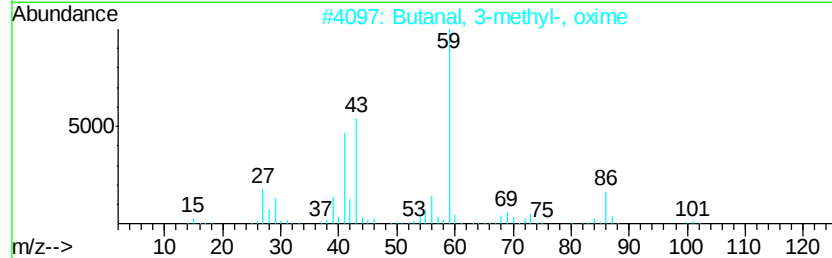
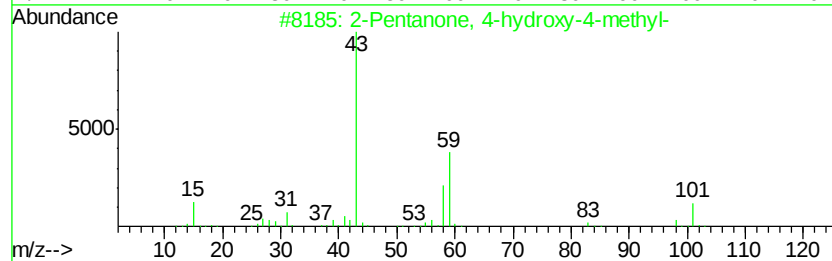
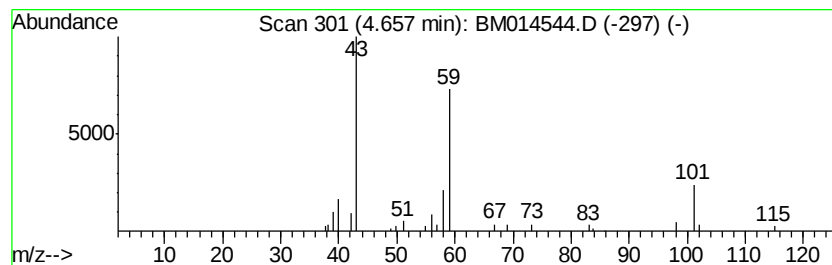
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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.66	2.10 ng/ul	48866	1,4-Dichlorobenzene-d4	7.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
2			Butanal, 3-methyl-, oxime	101	C5H11NO	000626-90-4	38
3			Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	37
4			1,3-Dioxane, 4,4-dimethyl-	116	C6H12O2	000766-15-4	25
5			Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	23



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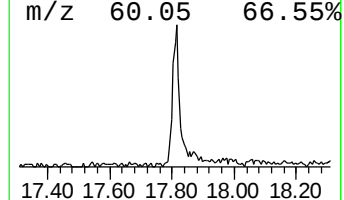
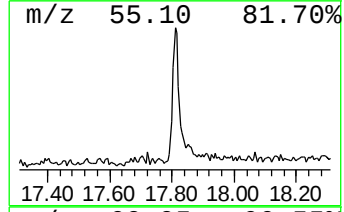
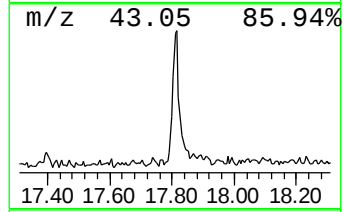
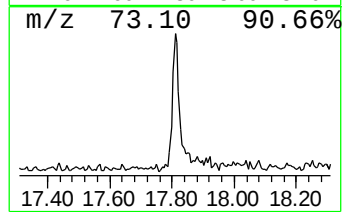
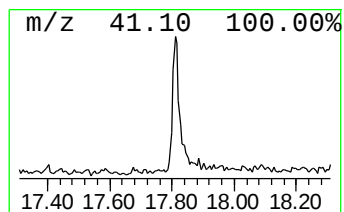
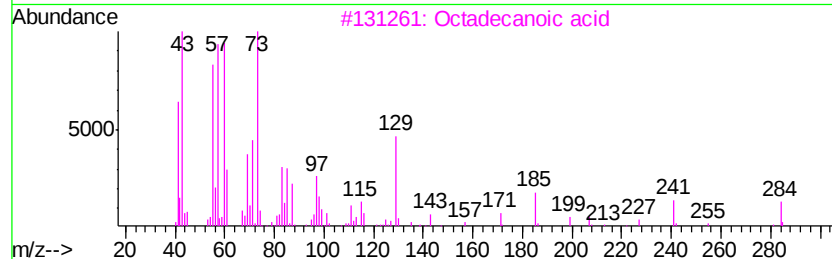
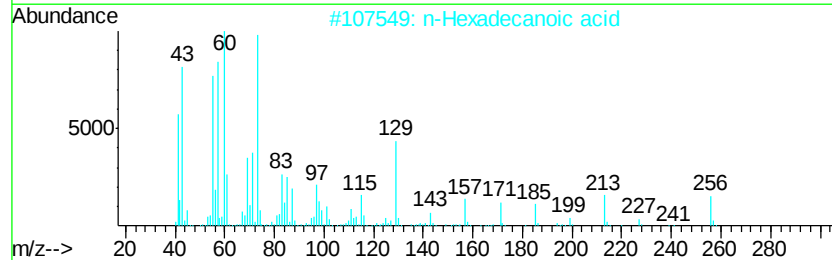
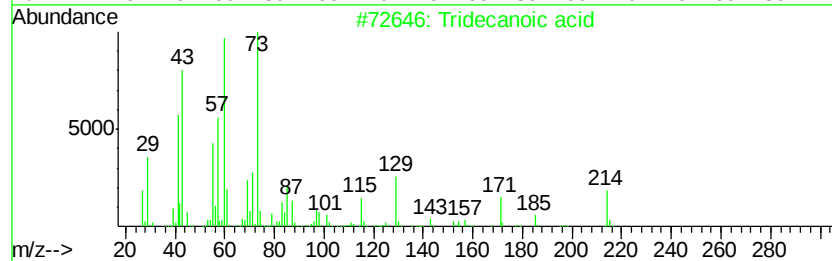
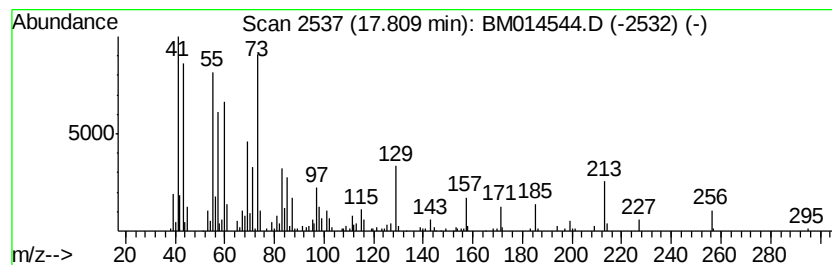
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Peak Number 2 Tridecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.81	8.93 ng/ul	541946	Phenanthrene-d10		16.90
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	83
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
3	Octadecanoic acid	284	C18H36O2	000057-11-4	64
4	Dodecanoic acid	200	C12H24O2	000143-07-7	60
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	53



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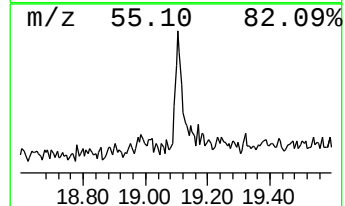
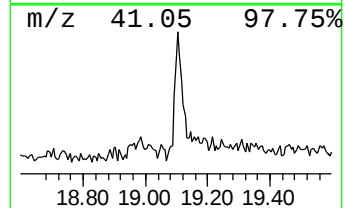
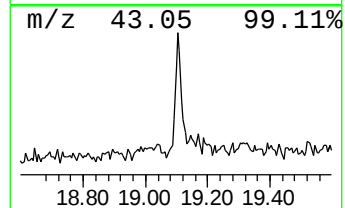
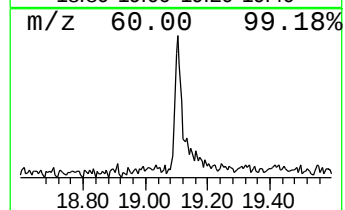
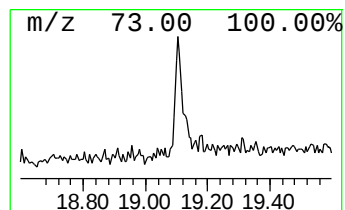
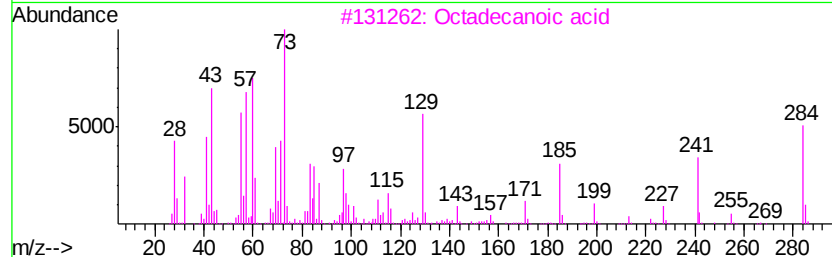
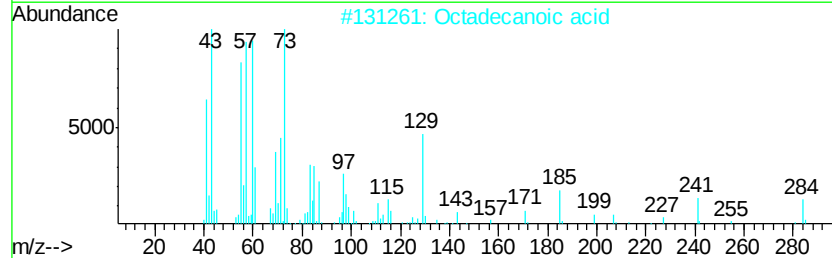
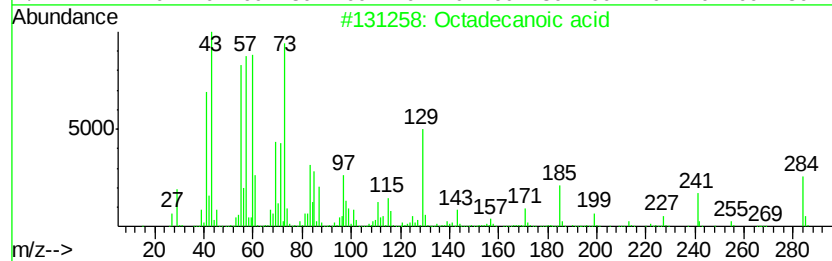
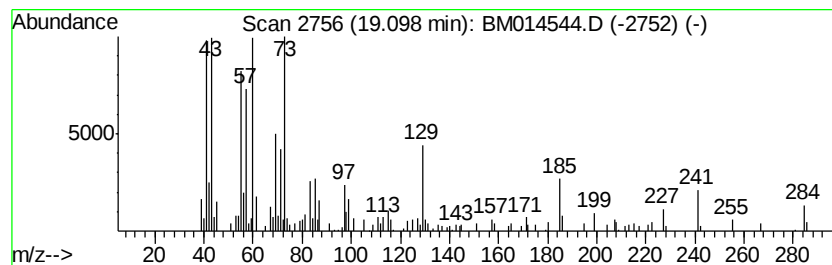
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Peak Number 3 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.10	4.77 ng/ul	333990	Chrysene-d12	21.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	99
3		Octadecanoic acid	284	C18H36O2	000057-11-4	96
4		Octadecanoic acid	284	C18H36O2	000057-11-4	95
5		Octadecanoic acid	284	C18H36O2	000057-11-4	93



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.66	2.1	ng/ul	48866	1	7.47	464915	20.0
Tridecanoic acid	17.81	8.9	ng/ul	541946	4	16.90	1213810	20.0
Octadecanoic acid	19.10	4.8	ng/ul	333990	5	21.13	1399170	20.0