

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052717\
 Data File : BM010299.D
 Acq On : 28 May 2017 05:19
 Operator : SJ/MA
 Sample : I3175-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDCC5

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-BM052717.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	5.052	330	334	345	rVB	508730	709238	12.62%	1.118%
2	7.116	679	685	696	rBV2	221215	495111	8.81%	0.780%
3	7.269	704	711	724	rVB	629534	1014541	18.05%	1.599%
4	7.469	738	745	754	rBV	908388	1456354	25.91%	2.295%
5	7.928	816	823	830	rBV	1610194	2517565	44.79%	3.968%
6	8.651	939	946	957	rBV2	590163	1022377	18.19%	1.611%
7	9.116	1015	1025	1032	rBV	831360	1427155	25.39%	2.249%
8	9.187	1032	1037	1043	rVV2	66455	111191	1.98%	0.175%
9	9.828	1138	1146	1154	rBV	794301	1311557	23.33%	2.067%
10	10.357	1229	1236	1250	rBV	1137487	2001601	35.61%	3.155%
11	10.510	1256	1262	1269	rBV6	50744	136679	2.43%	0.215%
12	10.734	1291	1300	1309	rBV	1836407	3059092	54.42%	4.821%
13	13.974	1845	1851	1856	rBV	2087366	2844967	50.61%	4.484%
14	14.022	1856	1859	1865	rVB	611402	780399	13.88%	1.230%
15	14.263	1893	1900	1910	rBV	2060405	3053755	54.33%	4.813%
16	14.563	1941	1951	1960	rBV2	2411258	3804230	67.68%	5.996%
17	14.739	1975	1981	1984	rBV8	36741	59791	1.06%	0.094%
18	14.816	1990	1994	2001	rBV5	88409	170987	3.04%	0.269%
19	14.951	2012	2017	2021	rBV6	50535	75048	1.34%	0.118%
20	15.310	2072	2078	2081	rBV3	37697	62369	1.11%	0.098%
21	15.345	2081	2084	2087	rBV3	65599	77602	1.38%	0.122%
22	15.551	2112	2119	2127	rBV	2618535	3844368	68.39%	6.059%
23	15.674	2133	2140	2146	rBV	731401	1012054	18.01%	1.595%
24	16.204	2226	2230	2237	rBV3	112842	165472	2.94%	0.261%
25	16.674	2305	2310	2313	rBV7	60320	96241	1.71%	0.152%
26	16.992	2358	2364	2369	rBV4	87853	134808	2.40%	0.212%
27	17.310	2411	2418	2424	rBV	2840255	4128940	73.46%	6.507%
28	17.404	2428	2434	2441	rBV	2696411	3869103	68.83%	6.098%
29	17.651	2473	2476	2481	rBV6	32495	75140	1.34%	0.118%
30	17.733	2487	2490	2497	rVB7	47804	64655	1.15%	0.102%
31	18.157	2557	2562	2569	rBV	641855	1061590	18.89%	1.673%
32	19.298	2752	2756	2757	rBV3	79887	118969	2.12%	0.188%
33	19.427	2774	2778	2789	rBV2	845130	1411062	25.10%	2.224%
34	19.692	2817	2823	2829	rBV	3298087	4584988	81.57%	7.226%

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35	21.333	3100	3102	3108	rVB2	249321	287734	5.12%	0.453%
36	21.468	3121	3125	3132	rVB	4421884	5269496	93.75%	8.305%
37	23.668	3494	3499	3509	rVB2	2792403	5512682	98.07%	8.688%
38	23.821	3519	3525	3534	rVB	2808945	5620896	100.00%	8.859%

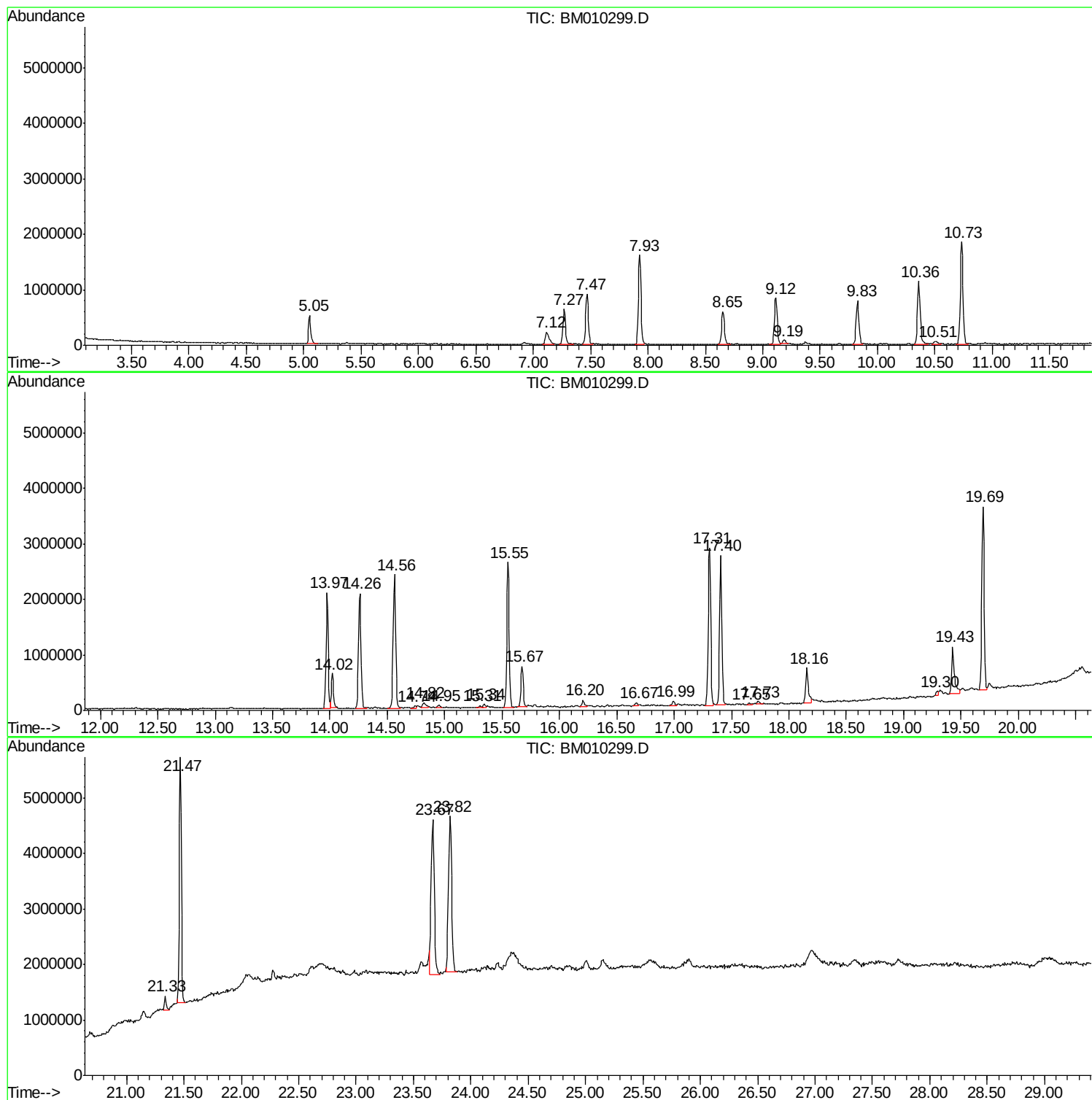
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Quant Title : SVOA CALIBRATION

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



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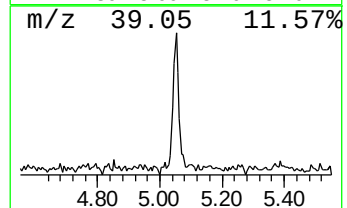
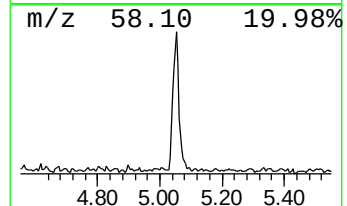
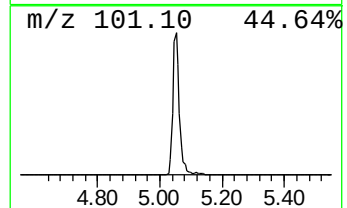
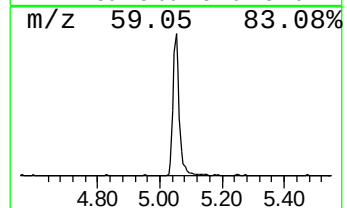
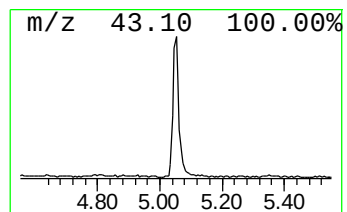
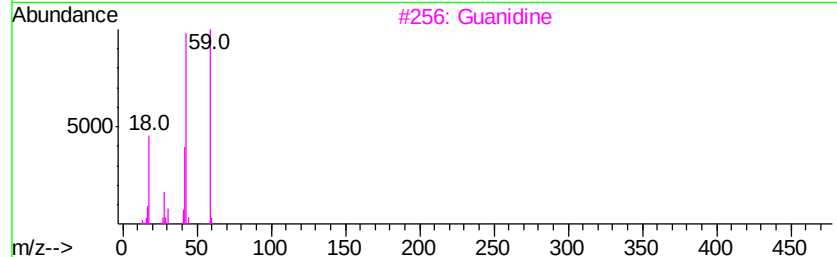
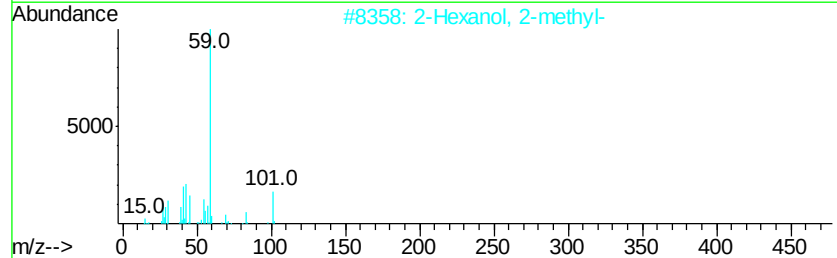
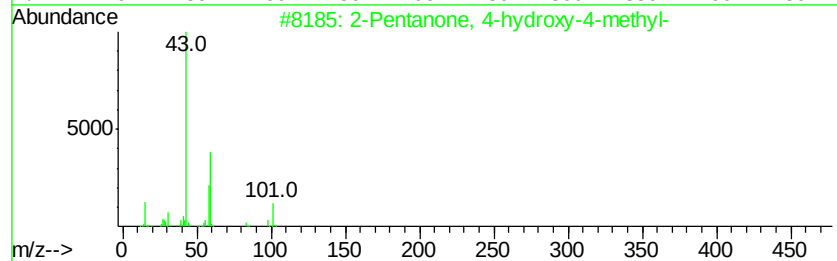
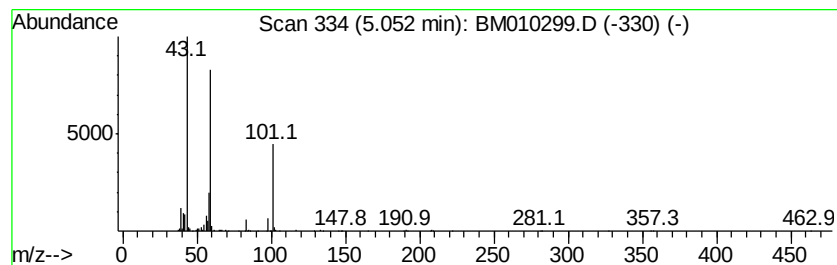
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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	5.63 ng/ul	709238	1,4-Dichlorobenzene-d4	7.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	47
3			Guanidine	59	CH5N3	000113-00-8	37
4			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	36
5			Succinic acid, heptyl 2-methoxye...	274	C14H26O5	1000325-80-7	36



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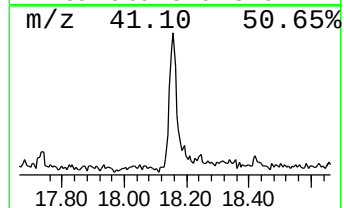
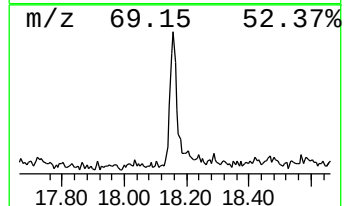
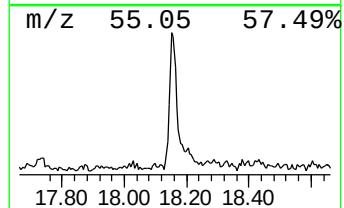
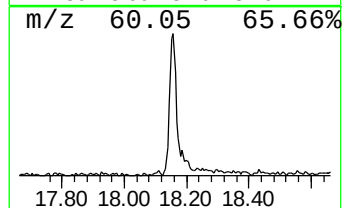
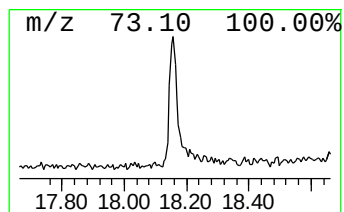
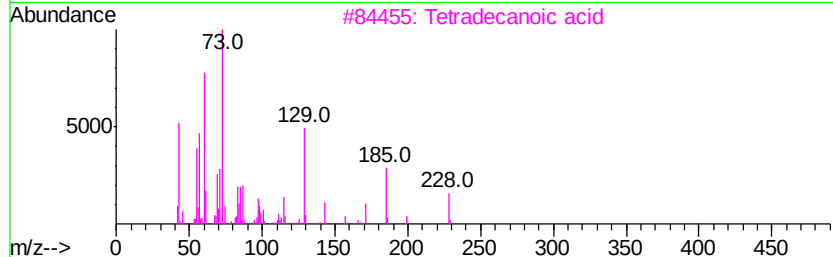
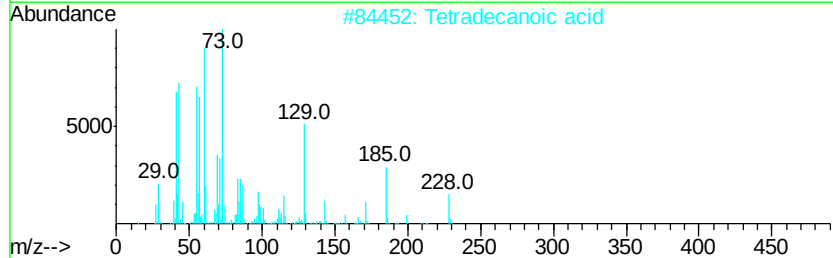
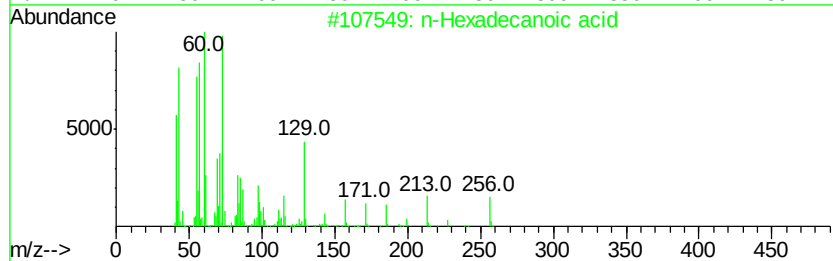
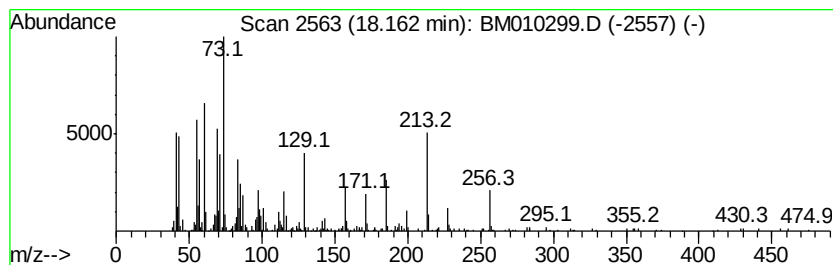
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.16	5.14 ng/ul	1061590	Phenanthrene-d10	17.31		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95	
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	60	
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	60	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	55	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	50	



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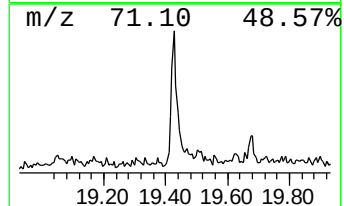
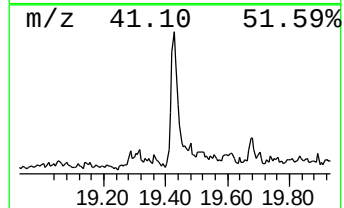
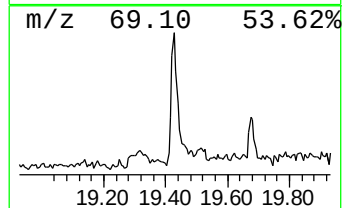
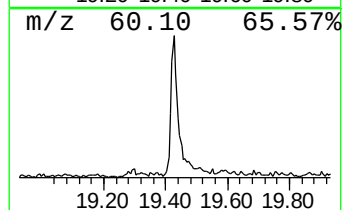
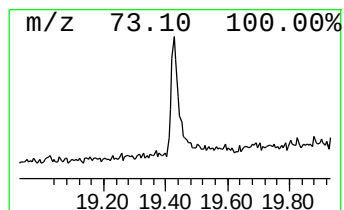
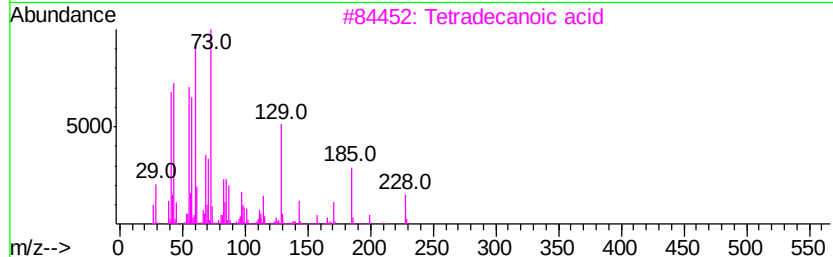
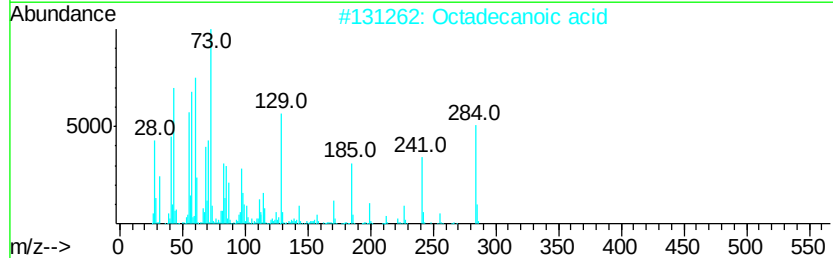
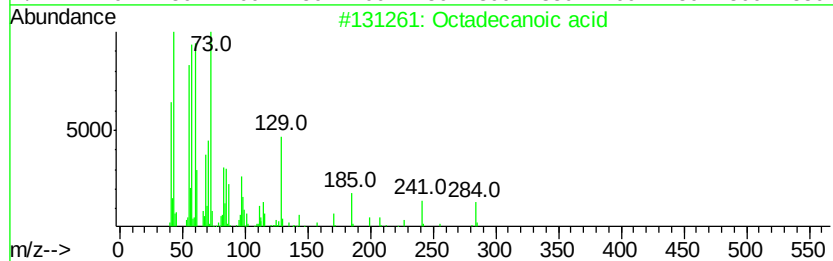
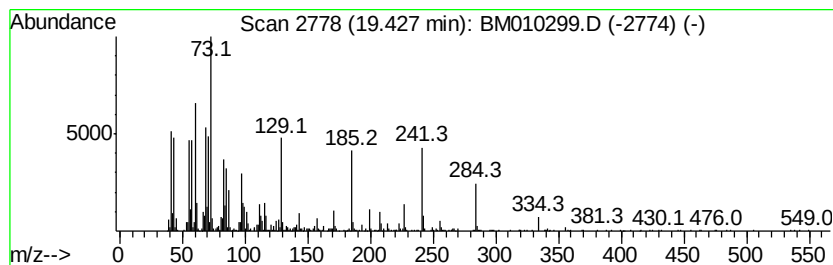
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Peak Number 3 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.43	5.36 ng/ul	1411060	Chrysene-d12	21.47

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95	
2	Octadecanoic acid	284	C18H36O2	000057-11-4	89	
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	49	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	49	
5	n-Decanoic acid	172	C10H20O2	000334-48-5	46	



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.05	5.6	ng/ul	709238	1	7.93	2517570	20.0
n-Hexadecanoic acid	18.16	5.1	ng/ul	1061590	4	17.31	4128940	20.0
Octadecanoic acid	19.43	5.4	ng/ul	1411060	5	21.47	5269500	20.0