

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
 Data File : BM010505.D
 Acq On : 11 Jun 2017 02:58
 Operator : SJ/MA
 Sample : I3558-11
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5C65

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	3.357	44	46	54	rVB2	28341	46809	1.03%	0.100%
2	7.081	671	679	691	rBV	525613	914078	20.15%	1.948%
3	7.234	700	705	713	rBV	366168	554594	12.23%	1.182%
4	7.428	732	738	748	rBV	608598	994520	21.93%	2.119%
5	7.892	811	817	829	rVB	728664	1160126	25.58%	2.472%
6	8.616	932	940	951	rBV	662776	1103264	24.32%	2.351%
7	9.080	1012	1019	1027	rBV	499658	866384	19.10%	1.846%
8	9.792	1132	1140	1149	rBV	500041	853922	18.83%	1.819%
9	10.322	1222	1230	1241	rBV	784163	1364555	30.09%	2.907%
10	10.692	1286	1293	1300	rBV	859179	1474887	32.52%	3.142%
11	10.863	1314	1322	1331	rBV	626075	1120780	24.71%	2.388%
12	13.945	1840	1846	1850	rBV	1538456	2105716	46.43%	4.486%
13	13.992	1850	1854	1860	rVB	673669	923707	20.37%	1.968%
14	14.227	1887	1894	1902	rBV	1531066	2186084	48.20%	4.658%
15	14.433	1924	1929	1934	rBV5	29633	53257	1.17%	0.113%
16	14.527	1939	1945	1952	rBV2	1404286	2104830	46.41%	4.484%
17	14.774	1980	1987	1996	rBV	483202	859981	18.96%	1.832%
18	15.521	2108	2114	2120	rBB	2025576	2842522	62.67%	6.056%
19	15.645	2130	2135	2143	rBV	576086	834577	18.40%	1.778%
20	17.280	2406	2413	2418	rBV	1865133	2686617	59.23%	5.724%
21	17.374	2423	2429	2439	rBV2	2310235	3205232	70.67%	6.829%
22	17.892	2513	2517	2525	rVB9	32374	63762	1.41%	0.136%
23	18.121	2550	2556	2563	rBV2	226755	339291	7.48%	0.723%
24	19.397	2769	2773	2777	rBV5	109978	150242	3.31%	0.320%
25	19.533	2792	2796	2805	rVB2	1095473	1153063	25.42%	2.457%
26	19.668	2812	2819	2827	rBV	2796103	3949387	87.08%	8.414%
27	20.574	2969	2973	2977	rBV2	610471	642498	14.17%	1.369%
28	21.444	3116	3121	3126	rBV	3153252	3880603	85.56%	8.268%
29	23.627	3486	3492	3500	rVB2	2419905	4535556	100.00%	9.663%
30	23.780	3512	3518	3529	rVB	2088945	3965117	87.42%	8.448%

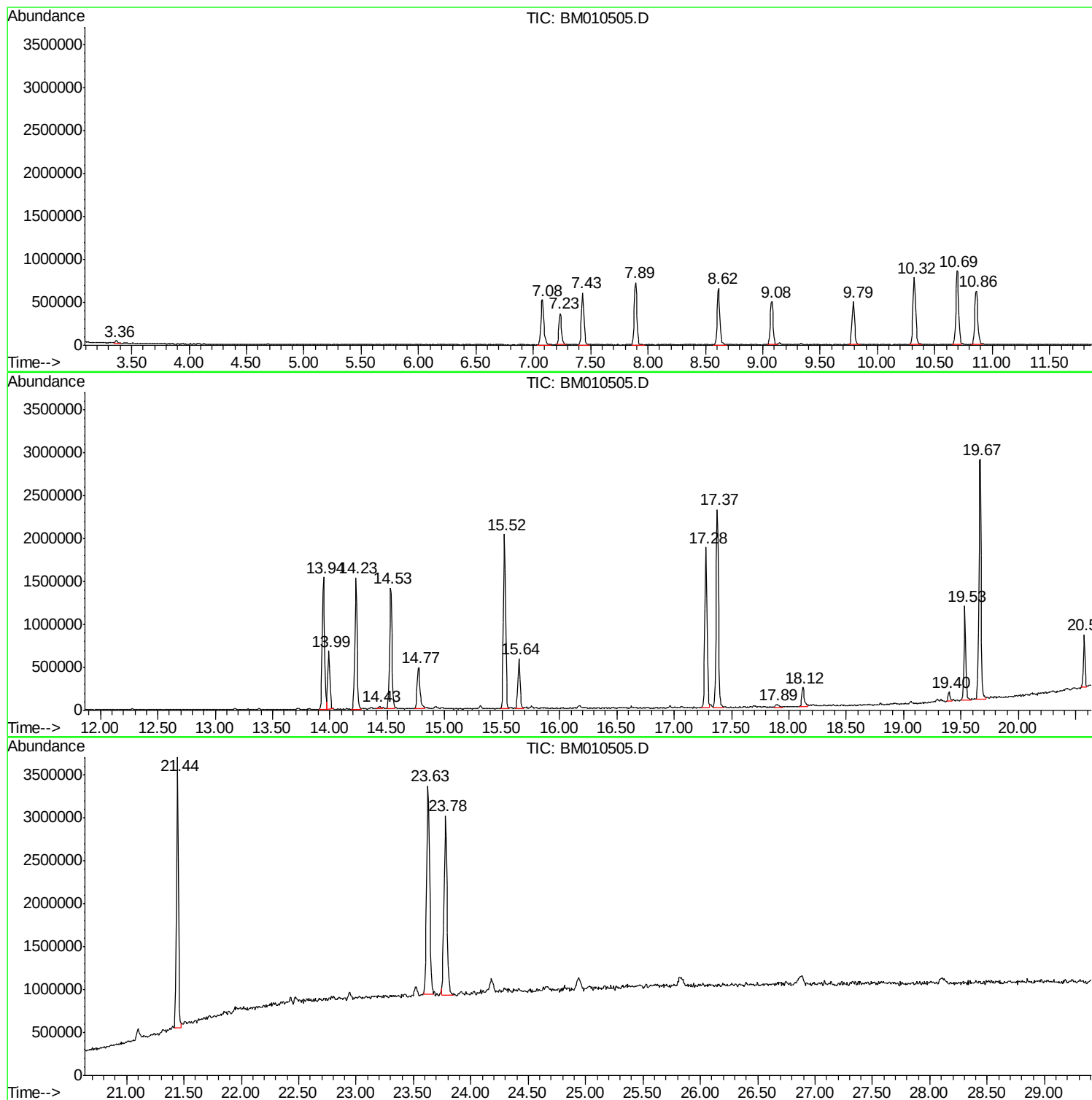
Sum of corrected areas: 46935961

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Quant Title : SVOA CALIBRATION

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



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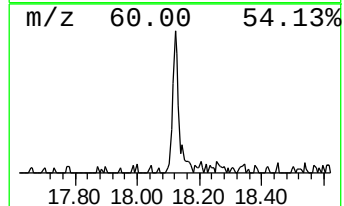
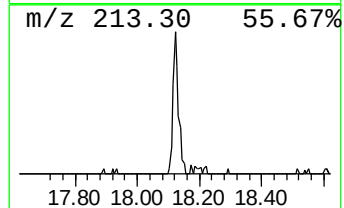
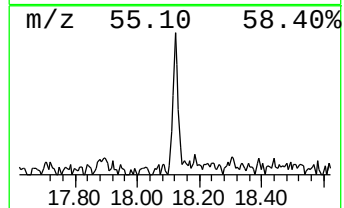
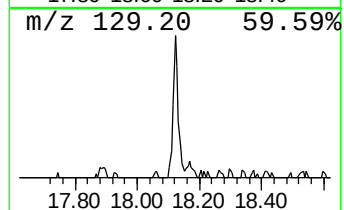
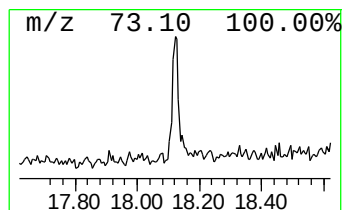
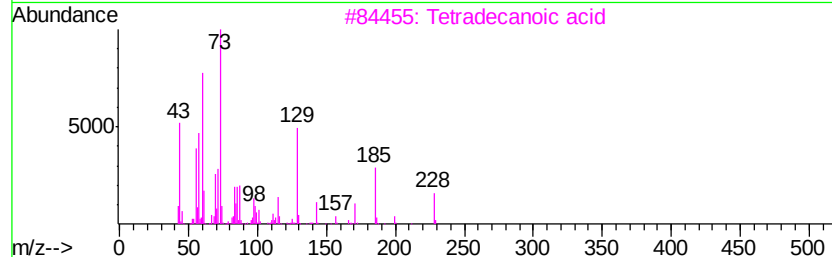
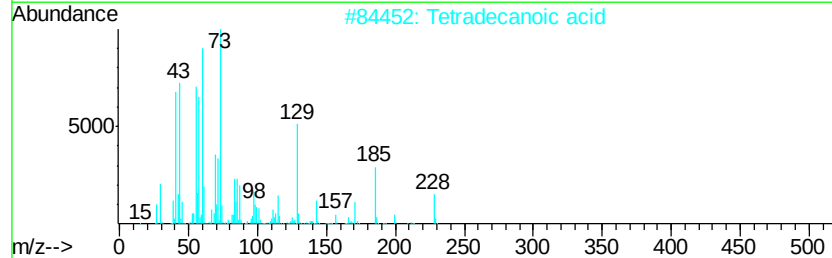
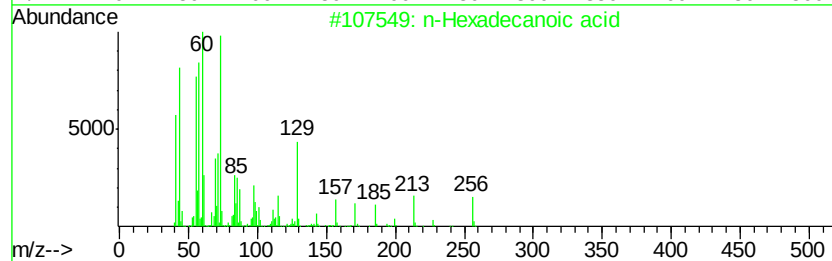
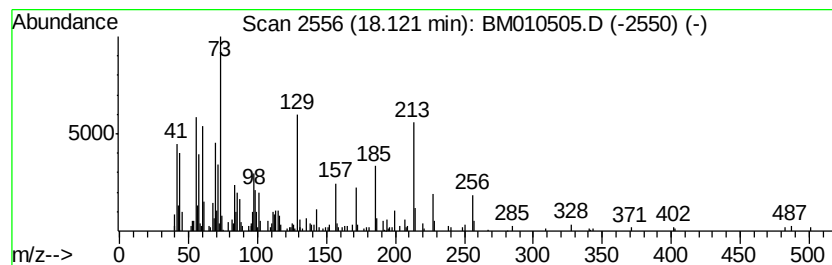
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TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.12	2.53 ng/ul	339291	Phenanthrene-d10	17.28	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	50
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	50
4	Tridecanoic acid	214	C13H26O2	000638-53-9	50
5	Tridecanoic acid	214	C13H26O2	000638-53-9	42



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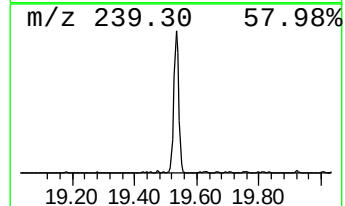
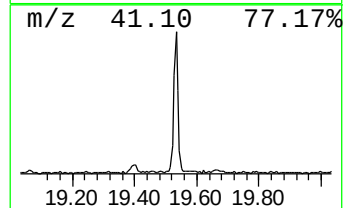
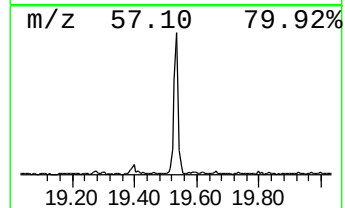
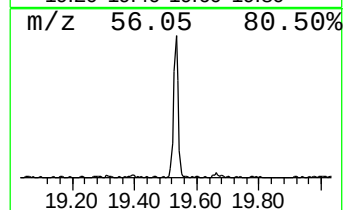
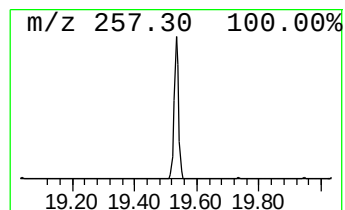
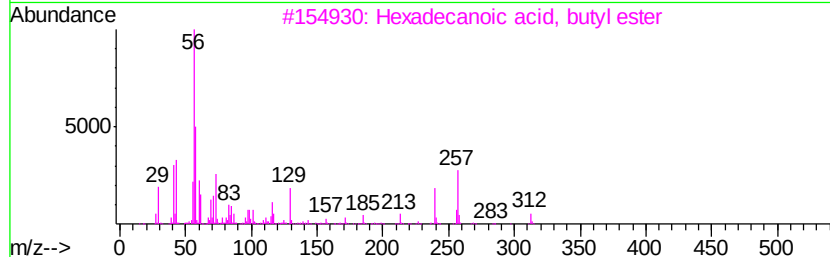
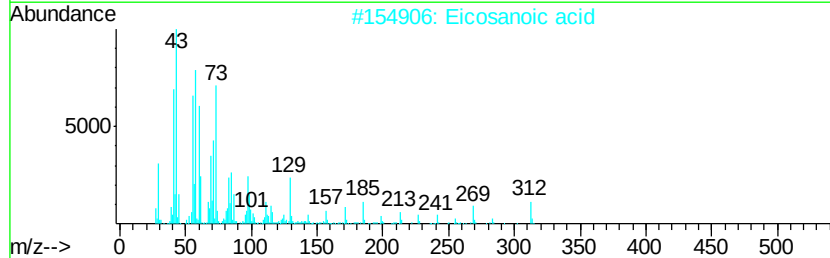
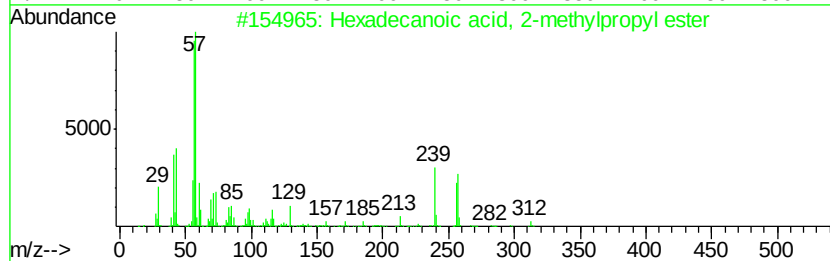
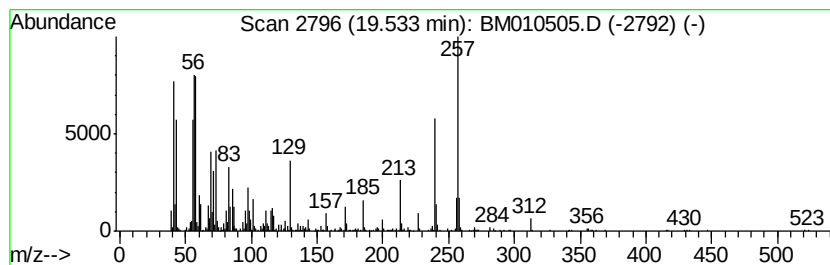
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Peak Number 2 Hexadecanoic acid, 2-methyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.53	5.94 ng/ul	1153060	Chrysene-d12	21.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	50
2		Eicosanoic acid	312	C20H40O2	000506-30-9	44
3		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	38
4		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	38
5		5-Carbamoyl-2,3,4,6-tetrahydro-1...	257	C13H11N3O3	1000241-45-9	35



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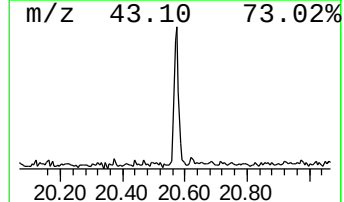
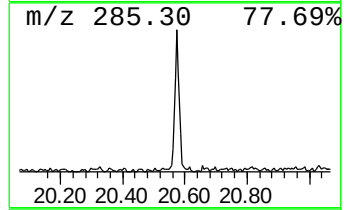
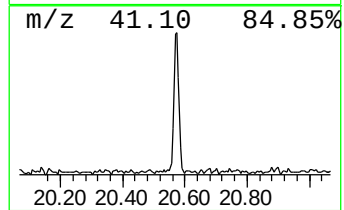
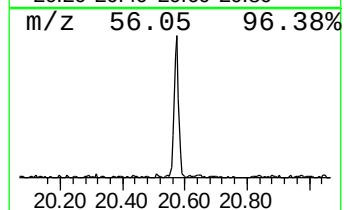
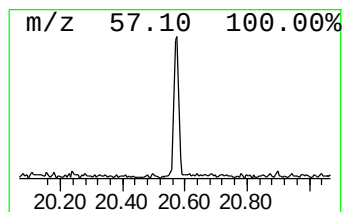
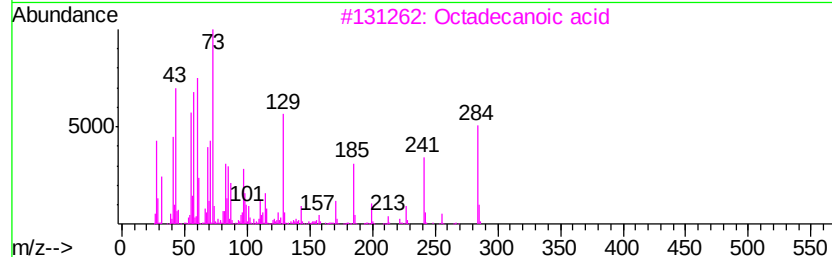
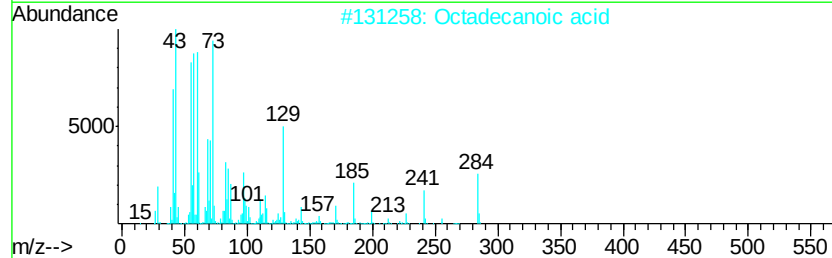
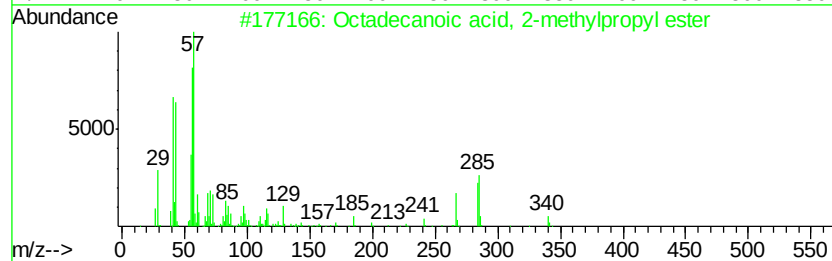
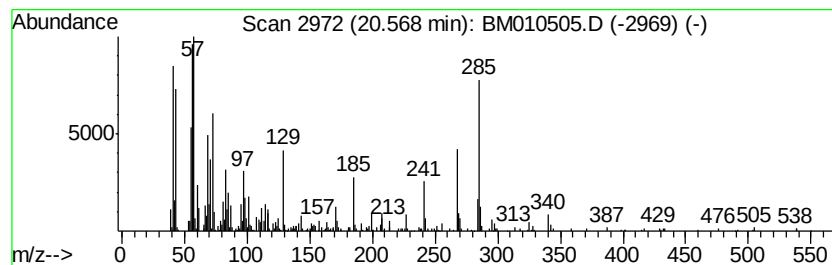
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Peak Number 3 Octadecanoic acid, 2-methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
20.57	3.31 ng/ul	642498	Chrysene-d12		21.44	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	50
2		Octadecanoic acid	284	C18H36O2	000057-11-4	44
3		Octadecanoic acid	284	C18H36O2	000057-11-4	44
4		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	25
5		1,1'-Biphenyl-2,4-dicarbonitrile...	285	C18H11N3O	077198-57-3	14



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.12	2.5	ng/ul	339291	4	17.28	2686620	20.0
Hexadecanoic acid...	19.53	5.9	ng/ul	1153060	5	21.44	3880600	20.0
Octadecanoic acid...	20.57	3.3	ng/ul	642498	5	21.44	3880600	20.0