

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012618\
 Data File : BM013862.D
 Acq On : 27 Jan 2018 02:01
 Operator : SJ/JU
 Sample : J1244-08
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6B49

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-BM011018.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	3.140	23	26	32	rVB3	31727	43374	1.42%	0.128%
2	6.769	637	643	654	rBV2	530755	984717	32.24%	2.905%
3	6.934	665	671	680	rVB	416796	642578	21.04%	1.896%
4	7.122	696	703	713	rBV	609802	963195	31.53%	2.842%
5	7.581	774	781	790	rBV	517725	864350	28.30%	2.550%
6	8.298	894	903	918	rBV	664157	1123770	36.79%	3.315%
7	8.740	968	978	993	rBV	565875	949252	31.08%	2.801%
8	9.457	1092	1100	1112	rBV	464391	813996	26.65%	2.402%
9	9.992	1184	1191	1200	rBV	647414	1138820	37.28%	3.360%
10	10.357	1245	1253	1262	rBV	640272	1077990	35.29%	3.180%
11	10.510	1272	1279	1288	rBV	551915	1020421	33.41%	3.011%
12	13.657	1808	1814	1818	rBV	1170370	1629791	53.36%	4.808%
13	13.704	1818	1822	1830	rVB	307627	453930	14.86%	1.339%
14	13.927	1852	1860	1868	rBV	1350171	1946505	63.72%	5.743%
15	14.239	1907	1913	1921	rBV2	828654	1317755	43.14%	3.888%
16	14.480	1948	1954	1967	rBV2	246224	590769	19.34%	1.743%
17	15.239	2075	2083	2091	rBV	1600260	2287490	74.89%	6.749%
18	15.380	2100	2107	2115	rBV	406409	622109	20.37%	1.835%
19	15.480	2120	2124	2130	rVB4	19531	30981	1.01%	0.091%
20	15.610	2140	2146	2151	rBV	39687	55742	1.82%	0.164%
21	15.880	2186	2192	2202	rBV	301500	417365	13.66%	1.231%
22	16.992	2375	2381	2387	rBV	1114712	1554790	50.90%	4.587%
23	17.092	2391	2398	2409	rVV	1713099	2476276	81.07%	7.306%
24	17.898	2530	2535	2545	rBV	276020	422325	13.83%	1.246%
25	19.039	2725	2729	2731	rBV4	56000	75940	2.49%	0.224%
26	19.062	2731	2733	2741	rVB7	37596	76923	2.52%	0.227%
27	19.186	2750	2754	2760	rBV3	132318	197079	6.45%	0.581%
28	19.392	2783	2789	2797	rBV2	2077834	2807296	91.91%	8.282%
29	20.909	3043	3047	3057	rBV2	393991	608970	19.94%	1.797%
30	21.192	3090	3095	3102	rBV	1412562	1868752	61.18%	5.513%
31	23.239	3437	3443	3452	rVB2	1749251	3054546	100.00%	9.012%
32	23.380	3461	3467	3476	rBV	980848	1776804	58.17%	5.242%

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Stop Thrs : 0 Peak Location: TOP

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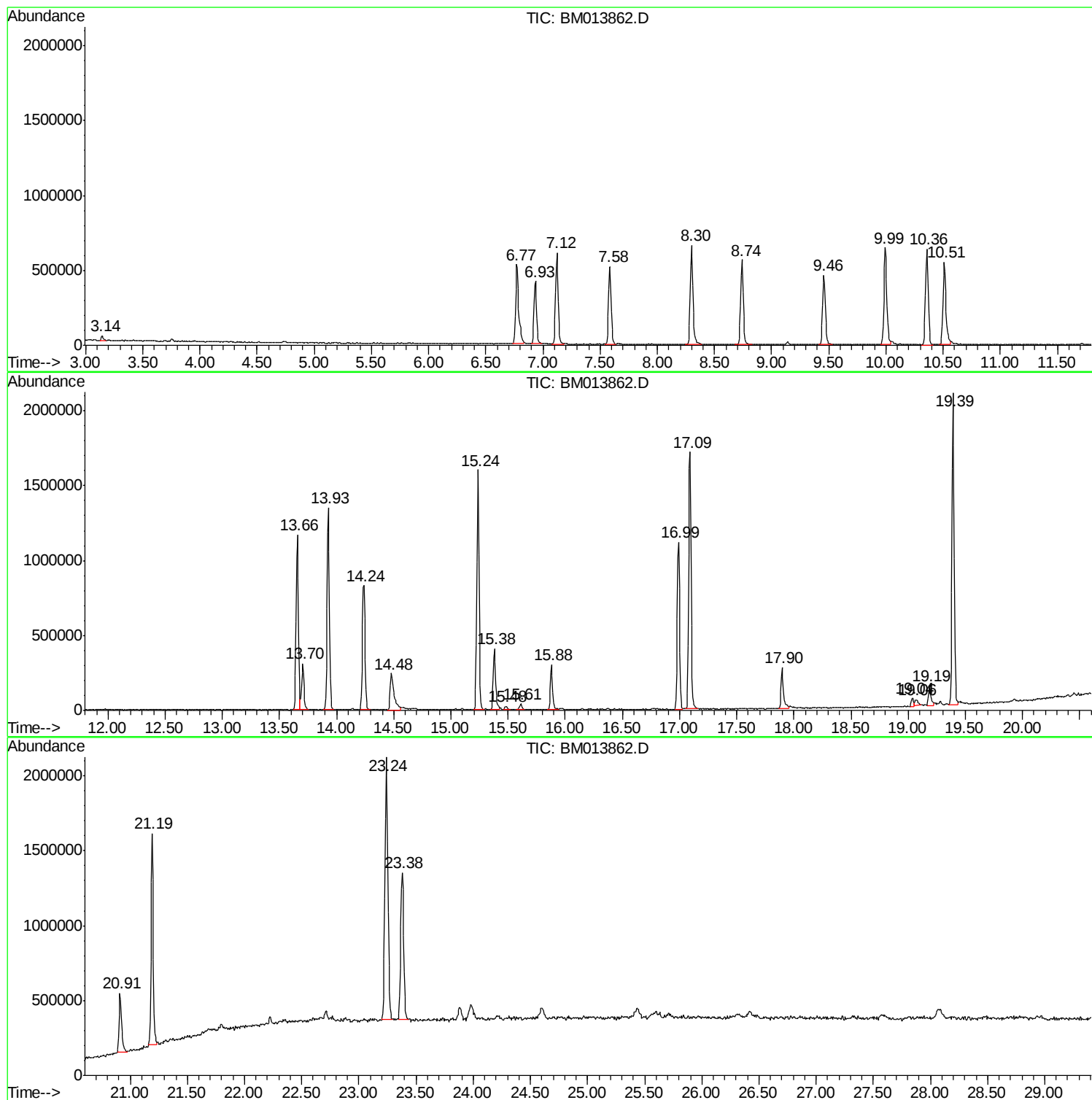
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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



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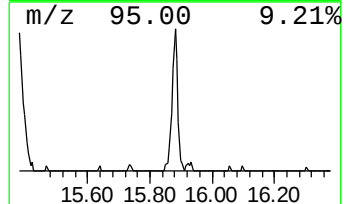
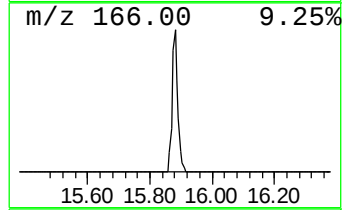
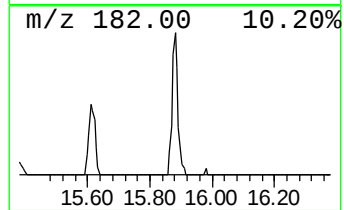
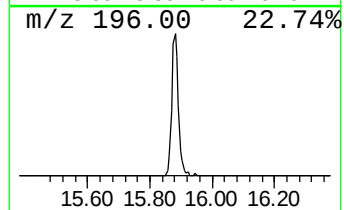
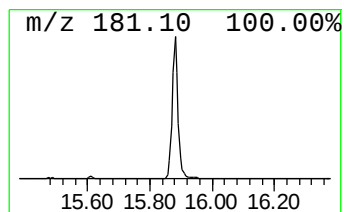
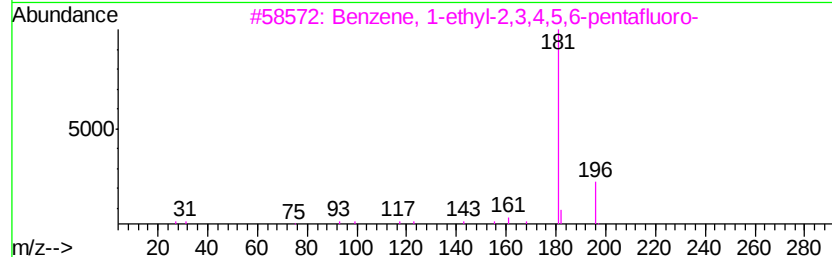
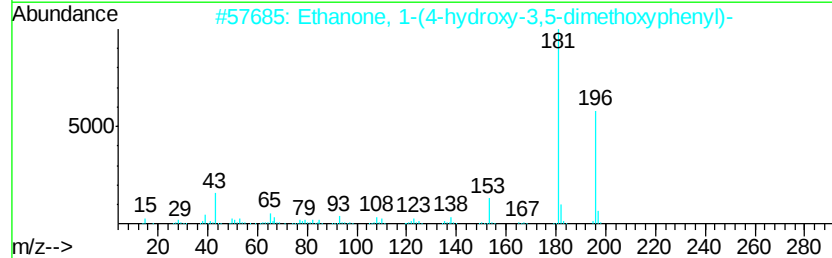
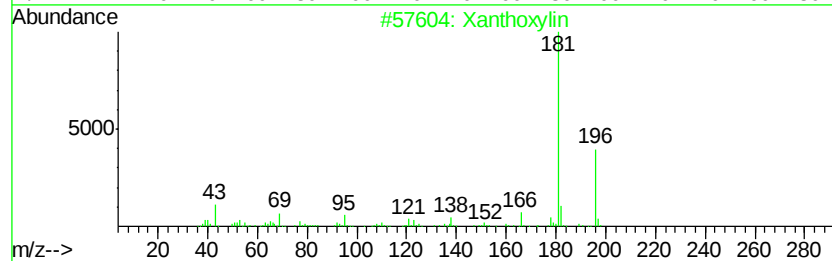
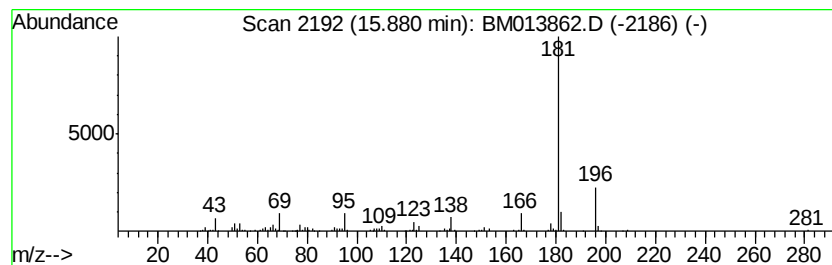
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Xanthoxylin Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	5.37 ng/ul	417365	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Xanthoxylin	196	C10H12O4	000090-24-4	87
2		Ethanone, 1-(4-hydroxy-3,5-dimet...	196	C10H12O4	002478-38-8	59
3		Benzene, 1-ethyl-2,3,4,5,6-penta...	196	C8H5F5	002251-81-2	53
4		5-Methoxy-[1,2,4]triazolo[4,3-a]...	181	C7H7N3OS	1000186-81-4	46
5		2-t-Butylthieno[2,3-b]thiophene	196	C10H12S2	1000250-49-6	43



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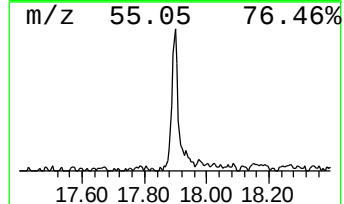
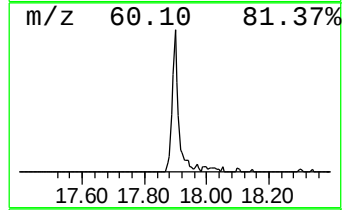
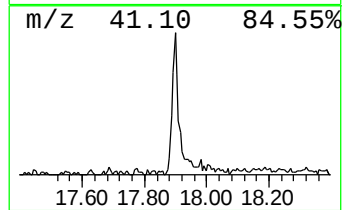
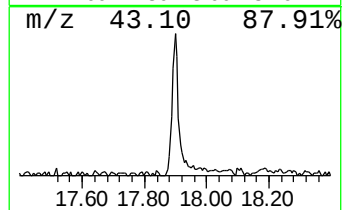
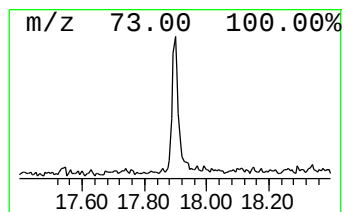
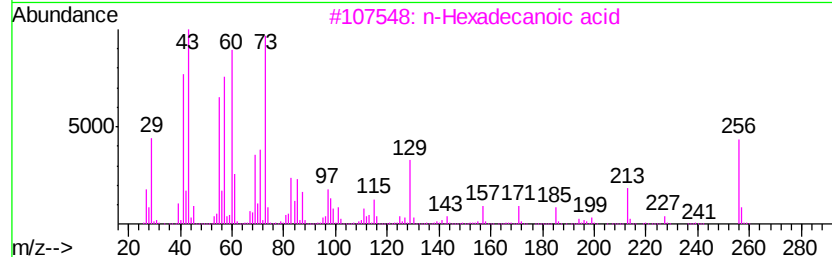
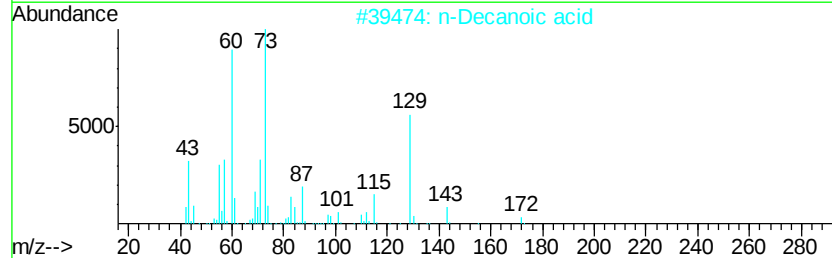
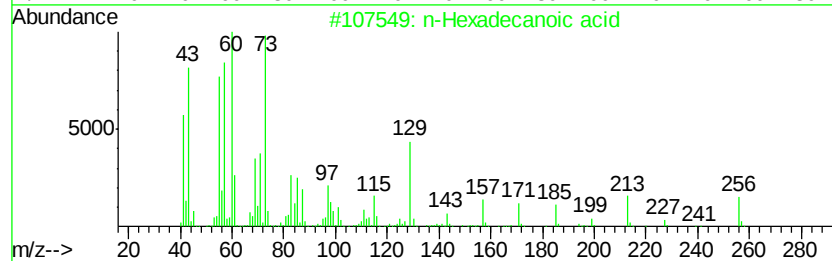
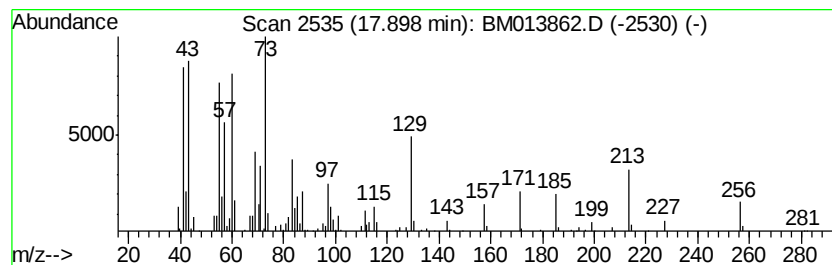
Instrument :
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.90	5.43 ng/ul	422325	Phenanthrene-d10		16.99	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	96
2	n-Decanoic acid		172	C10H20O2	000334-48-5	90
3	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	83
4	Tridecanoic acid		214	C13H26O2	000638-53-9	64
5	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	58



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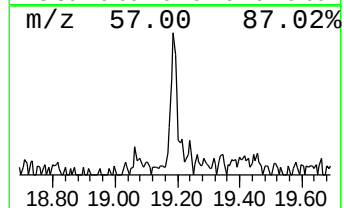
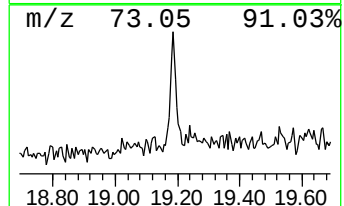
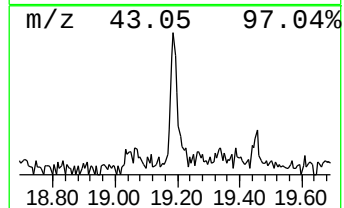
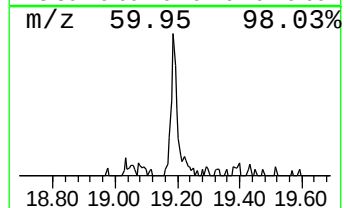
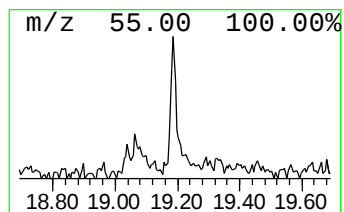
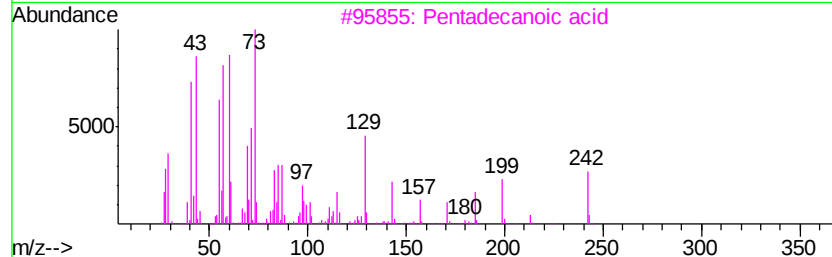
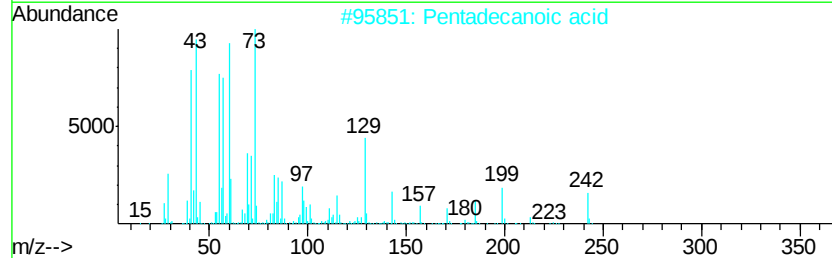
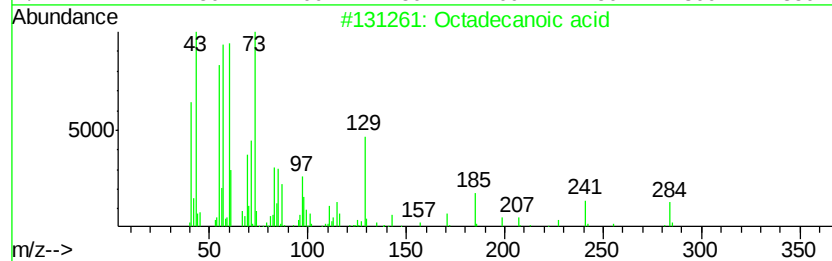
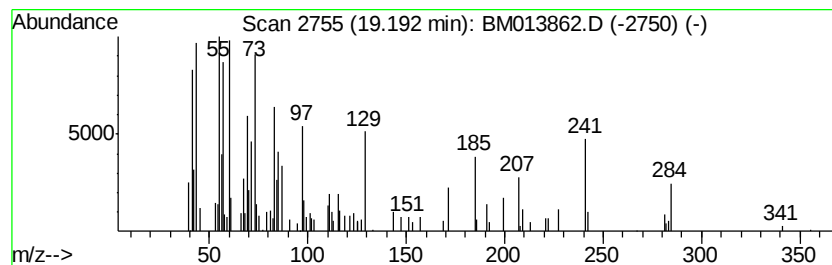
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Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.19	2.11 ng/ul	197079	Chrysene-d12	21.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	91
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	70
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	70
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5			Undecanoic acid	186	C11H22O2	000112-37-8	58



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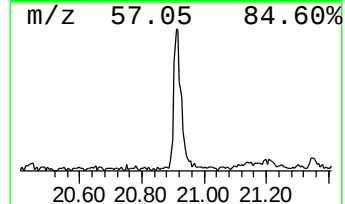
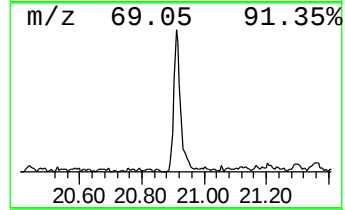
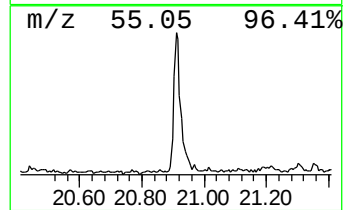
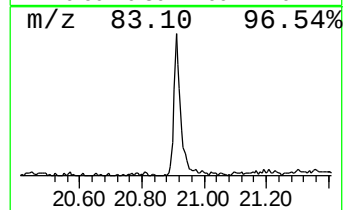
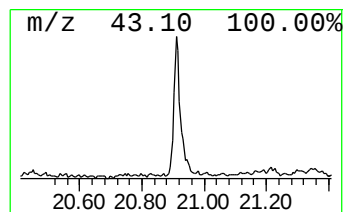
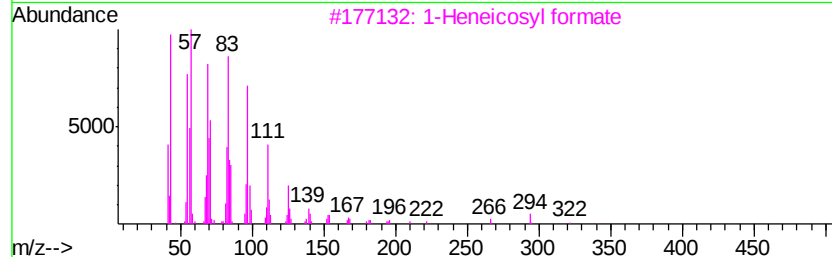
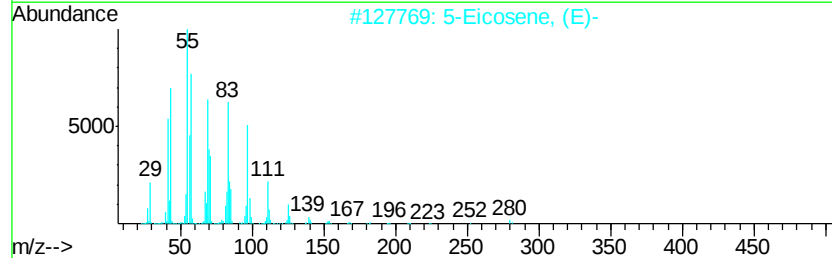
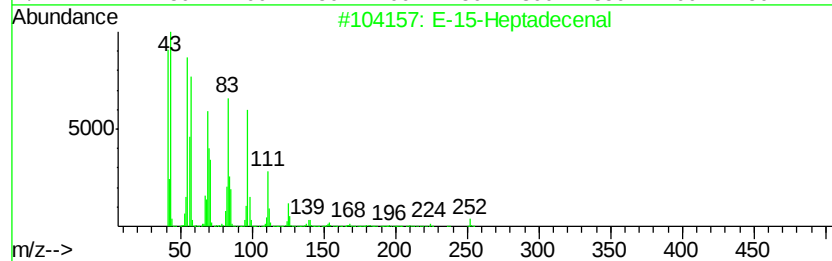
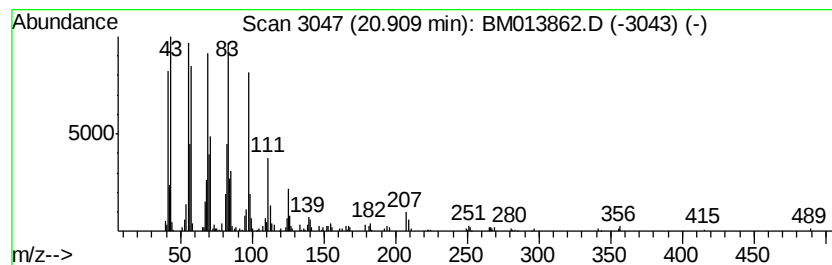
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Peak Number 4 E-15-Heptadecenal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.91	6.52 ng/ul	608970	Chrysene-d12	21.19

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-15-Heptadecenal	252	C17H32O	1000130-97-9	99	
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	98	
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94	
4	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	94	
5	1-Nonadecene	266	C19H38	018435-45-5	93	



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Xanthoxylin	15.88	5.4	ng/ul	417365	4	16.99	1554790	20.0
n-Hexadecanoic acid	17.90	5.4	ng/ul	422325	4	16.99	1554790	20.0
Octadecanoic acid	19.19	2.1	ng/ul	197079	5	21.19	1868750	20.0
E-15-Heptadecenal	20.91	6.5	ng/ul	608970	5	21.19	1868750	20.0