

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\
 Data File : BM014551.D
 Acq On : 13 Mar 2018 20:03
 Operator : SJ/JU
 Sample : J1835-15
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6F14

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	6.687	641	646	663	rVB2	409110	796255	4.26%	1.483%
2	6.828	663	670	679	rBV	333541	509394	2.73%	0.949%
3	7.016	695	702	710	rBV	505207	814252	4.36%	1.517%
4	7.469	772	779	793	rBV	575608	923008	4.94%	1.719%
5	8.210	898	905	916	rBV	445121	802066	4.29%	1.494%
6	8.634	971	977	987	rBV2	480119	840536	4.50%	1.566%
7	9.351	1091	1099	1107	rBV	440835	789406	4.23%	1.470%
8	9.898	1185	1192	1207	rBV	465726	1043306	5.59%	1.943%
9	10.240	1240	1250	1256	rBV	734350	1216434	6.51%	2.266%
10	13.563	1810	1815	1819	rBV	981981	1350535	7.23%	2.515%
11	13.610	1819	1823	1827	rVB	159141	201647	1.08%	0.376%
12	13.828	1855	1860	1866	rBV	1041675	1475559	7.90%	2.748%
13	14.139	1907	1913	1920	rVB2	882419	1396773	7.48%	2.602%
14	14.451	1961	1966	1978	rBV4	209732	667074	3.57%	1.242%
15	14.592	1986	1990	1996	rVB6	149709	266935	1.43%	0.497%
16	15.145	2079	2084	2094	rVB	1130496	1694047	9.07%	3.155%
17	15.322	2111	2114	2122	rBV5	228482	405501	2.17%	0.755%
18	16.904	2379	2383	2388	rVB	1008549	1310225	7.01%	2.440%
19	17.004	2396	2400	2407	rVB	1089048	1494392	8.00%	2.783%
20	17.845	2534	2543	2550	rVB	6814554	12064580	64.58%	22.471%
21	18.357	2627	2630	2634	rVB2	491840	551546	2.95%	1.027%
22	18.968	2731	2734	2735	rBV2	322838	367316	1.97%	0.684%
23	18.992	2736	2738	2749	rVB2	829310	1261380	6.75%	2.349%
24	19.139	2754	2763	2774	rVV	10947726	18680458	100.00%	34.794%
25	19.321	2790	2794	2799	rVB	998571	1276072	6.83%	2.377%
26	21.127	3098	3101	3110	rVB2	1030087	1490677	7.98%	2.776%

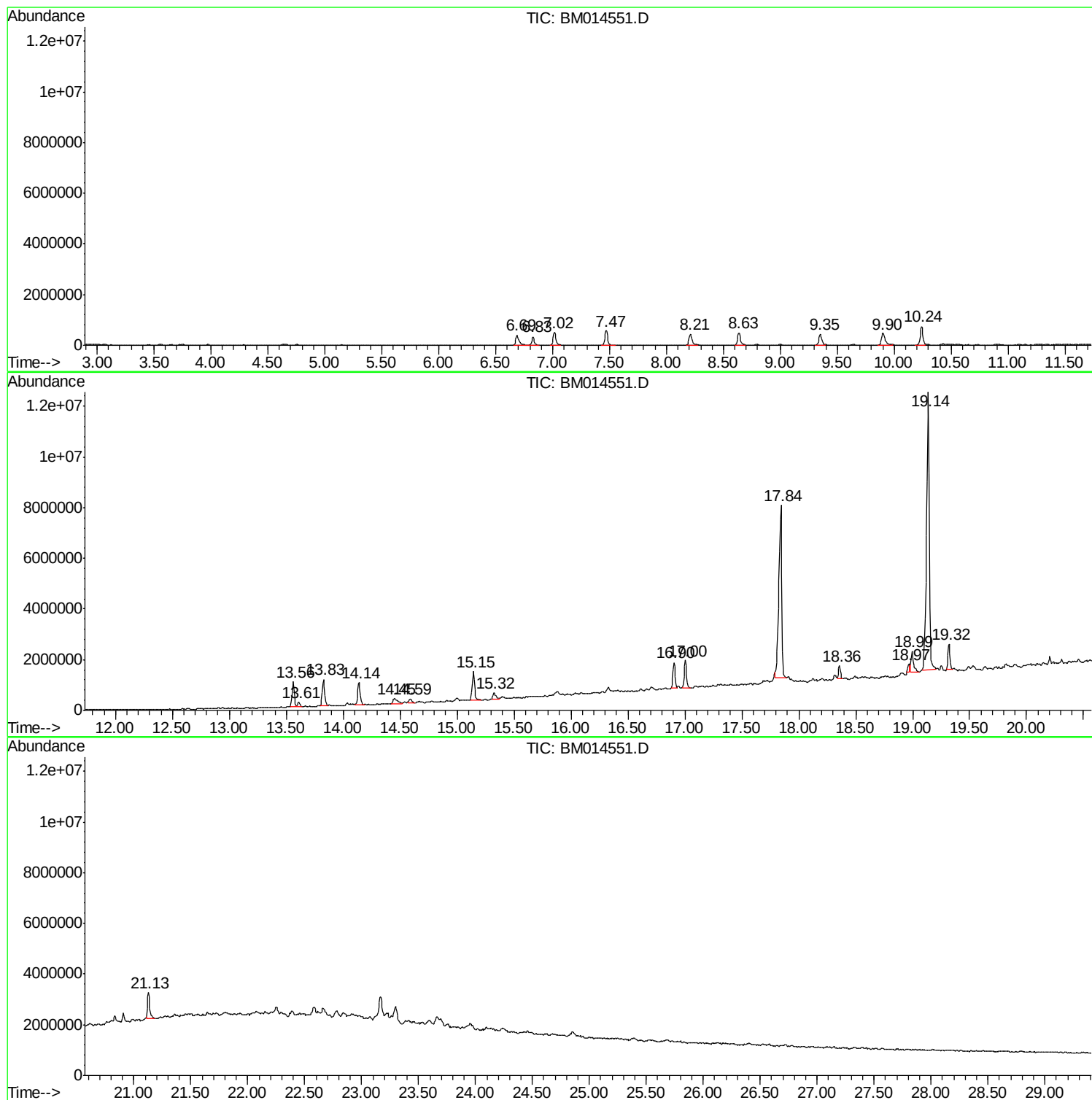
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TIC Library : C:\DATABASE\NIST11.L
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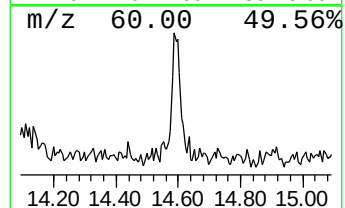
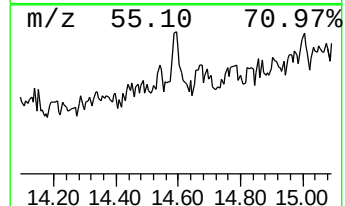
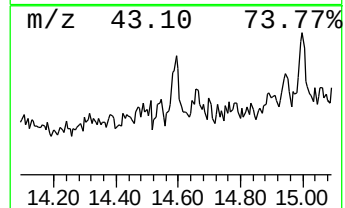
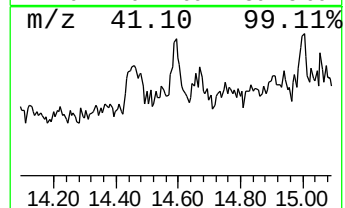
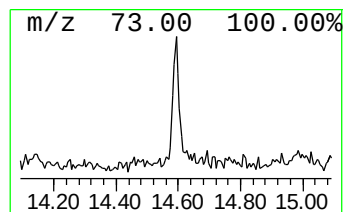
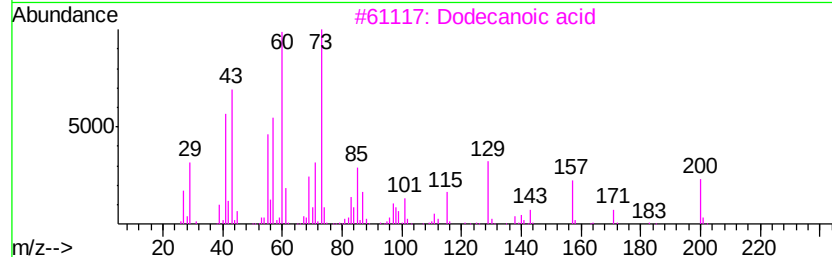
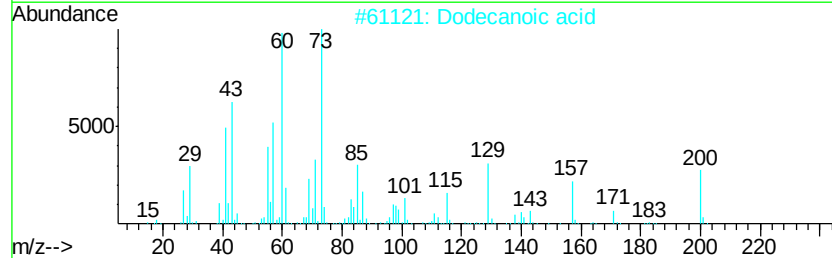
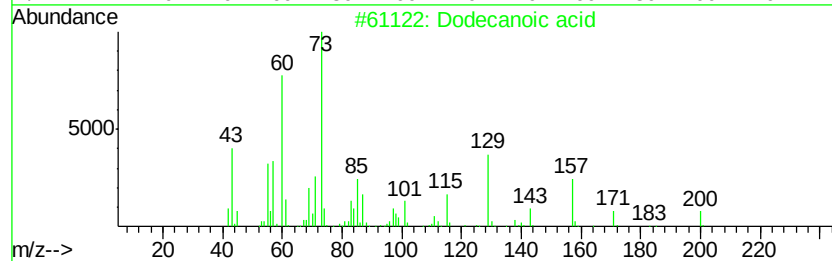
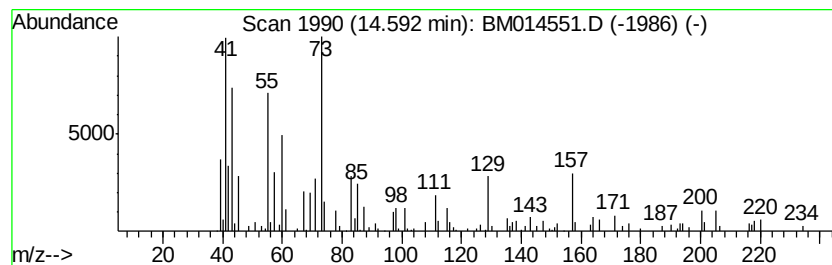
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Peak Number 1 Dodecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	3.82 ng/ul	266935	Acenaphthene-d10	14.14
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7 90
2	Dodecanoic acid	200	C12H24O2	000143-07-7 83
3	Dodecanoic acid	200	C12H24O2	000143-07-7 83
4	Dodecanoic acid	200	C12H24O2	000143-07-7 53
5	Tetradecanoic acid	228	C14H28O2	000544-63-8 38



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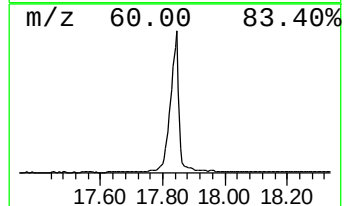
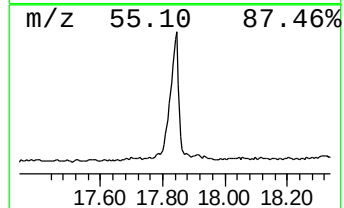
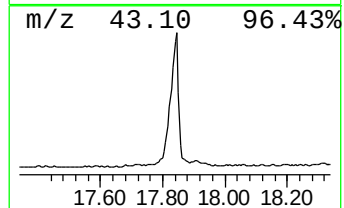
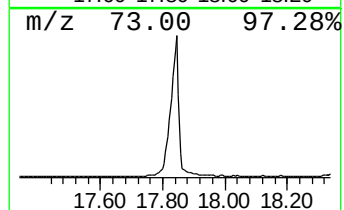
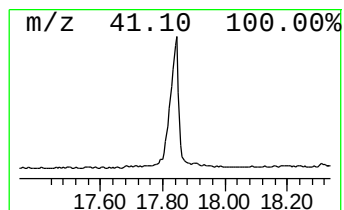
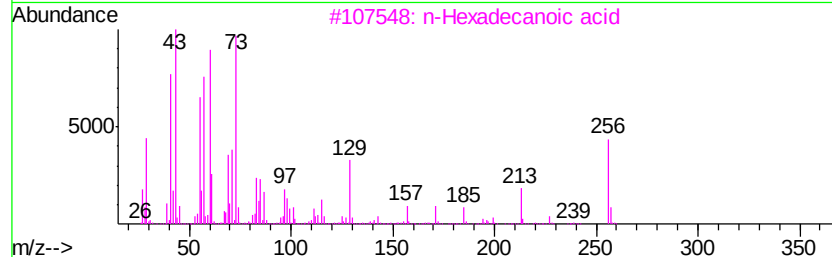
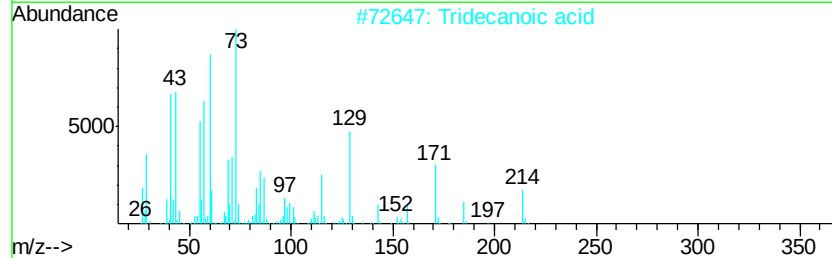
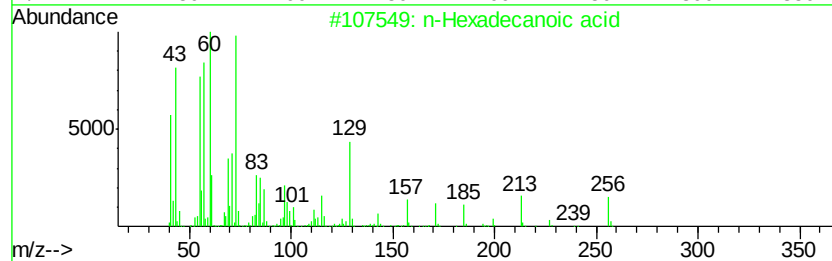
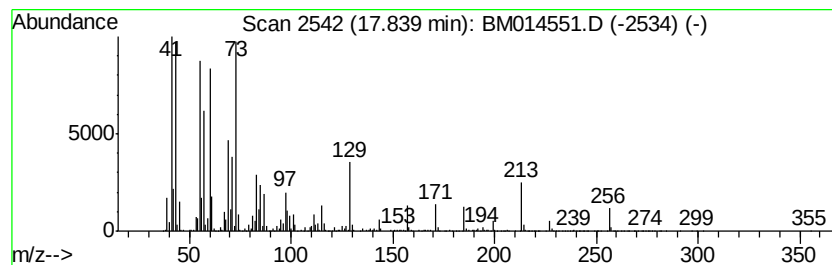
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TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.84	184.16 ng/ul	12064600	Phenanthrene-d10	16.90

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		Tridecanoic acid	214	C13H26O2	000638-53-9	96
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	87



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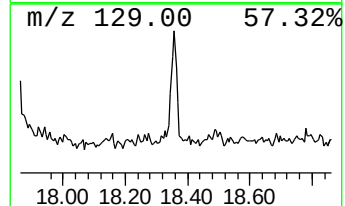
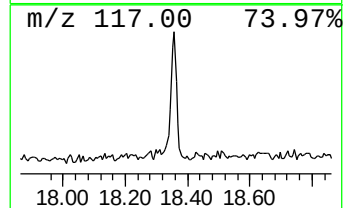
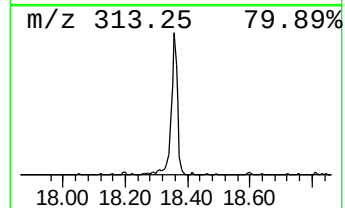
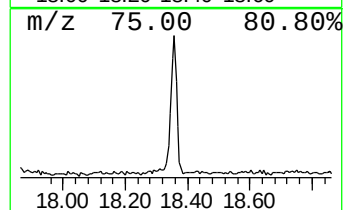
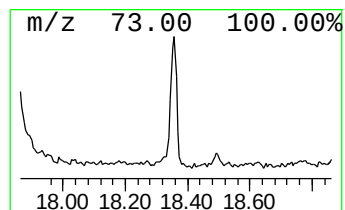
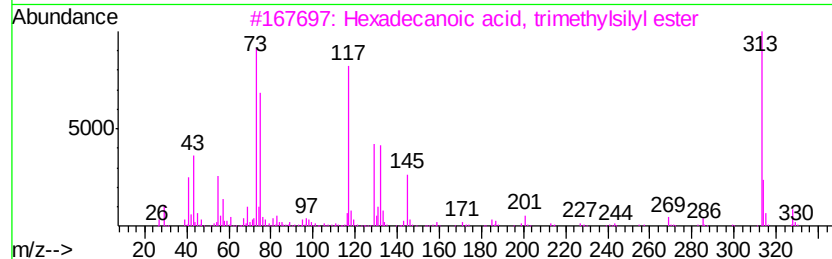
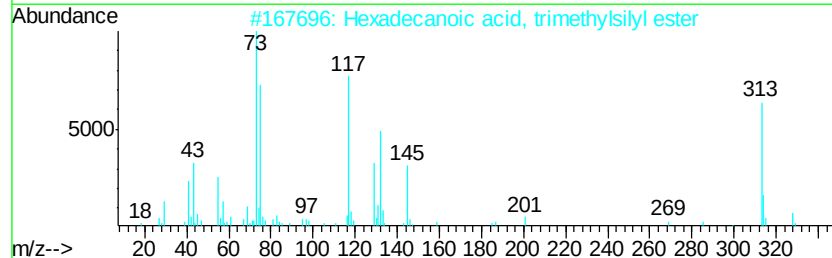
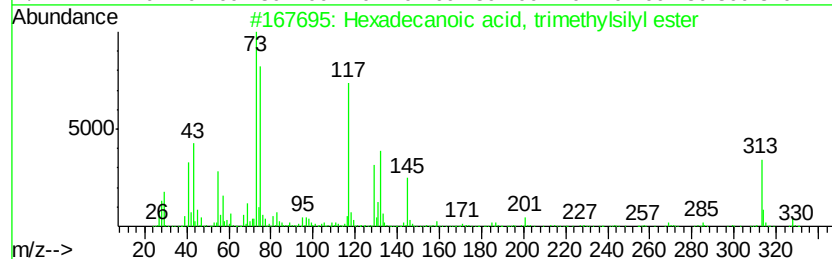
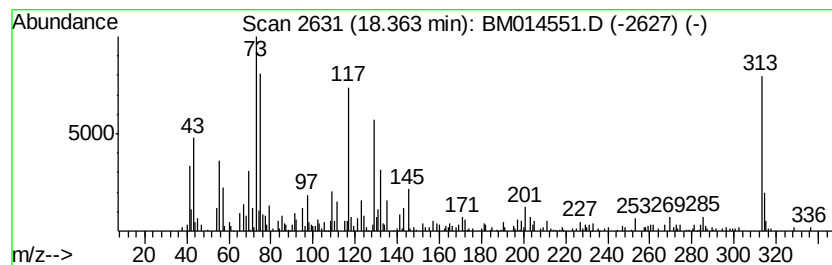
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Peak Number 3 Hexadecanoic acid, trimethy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	8.42 ng/ul	551546	Phenanthrene-d10	16.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, trimethylsilyl...	328	C19H40O2Si	055520-89-3	86
2		Hexadecanoic acid, trimethylsilyl...	328	C19H40O2Si	055520-89-3	64
3		Hexadecanoic acid, trimethylsilyl...	328	C19H40O2Si	055520-89-3	50
4		Hexadecanoic acid, trimethylsilyl...	328	C19H40O2Si	055520-89-3	46
5		Silanol, trimethyl-, acetate	132	C5H12O2Si	002754-27-0	43



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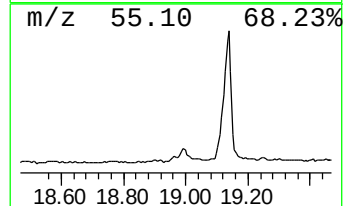
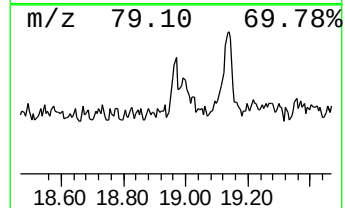
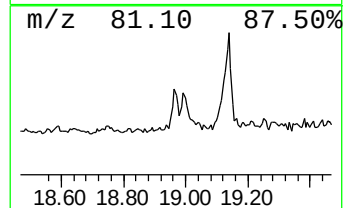
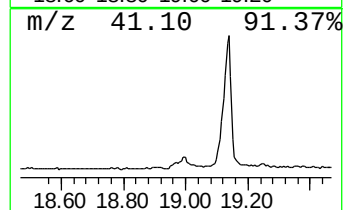
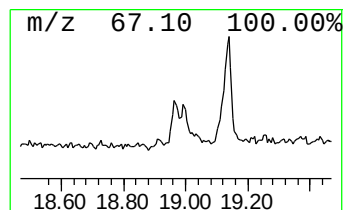
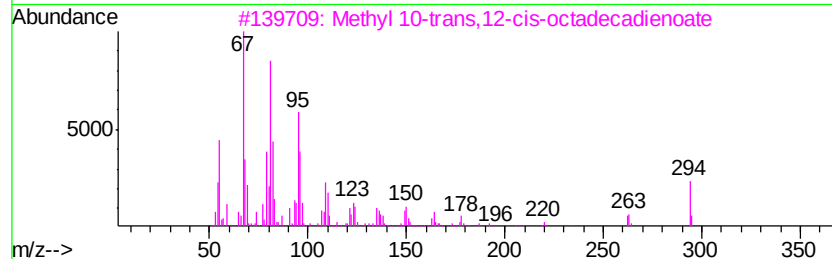
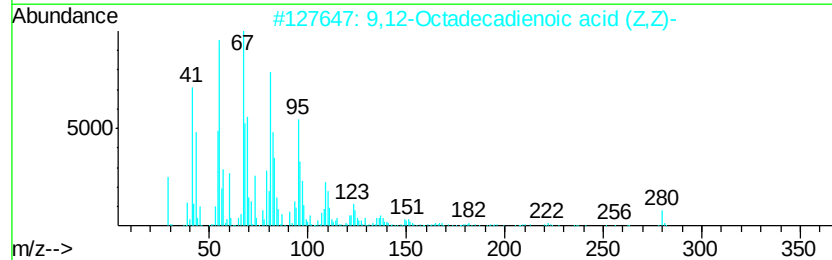
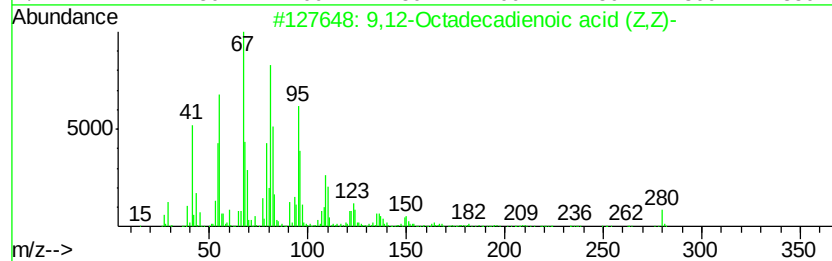
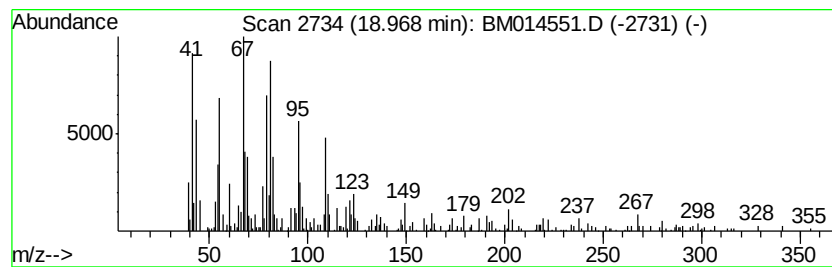
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Peak Number 4 9,12-Octadecadienoic acid (... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.97	5.61 ng/ul	367316	Phenanthrene-d10	16.90

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	90
2		9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	78
3		Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	76
4		11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	76
5		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	70



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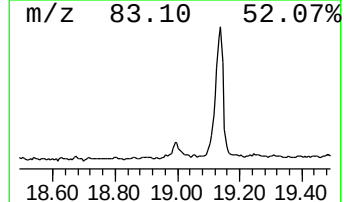
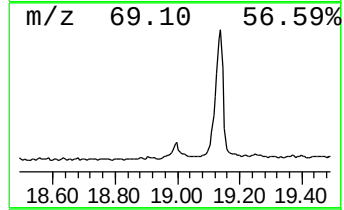
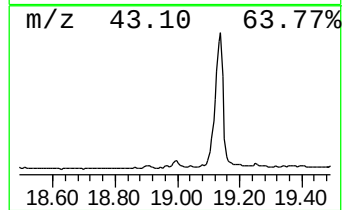
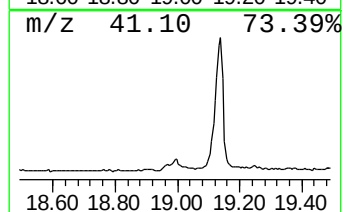
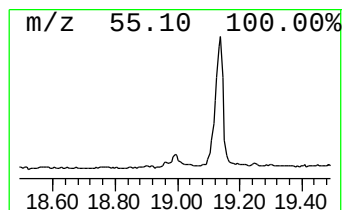
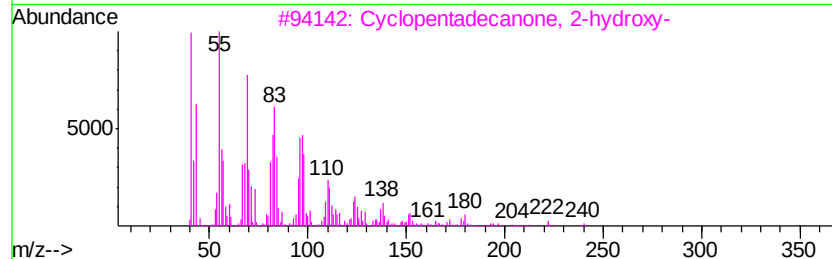
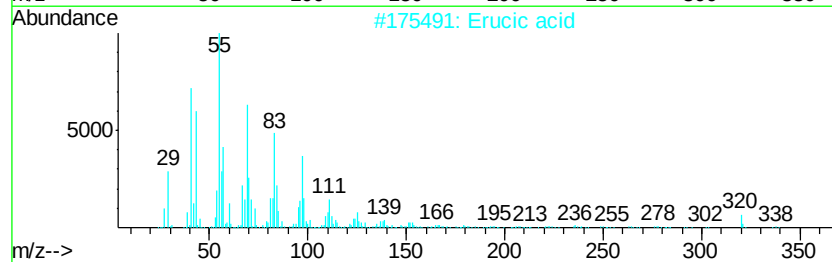
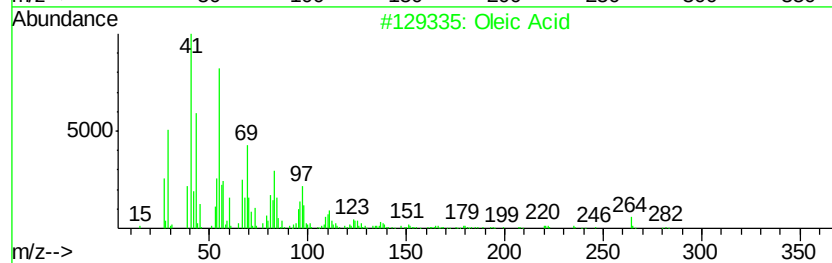
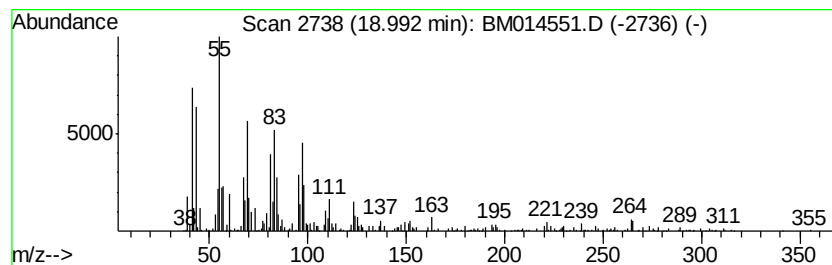
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Peak Number 5 Oleic Acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	19.25 ng/ul	1261380	Phenanthrene-d10	16.90

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oleic Acid		282	C18H34O2	000112-80-1	90
2	Erucic acid		338	C22H42O2	000112-86-7	64
3	Cyclopentadecanone, 2-hydroxy-		240	C15H28O2	004727-18-8	60
4	Cyclopropane, 1-(1,2-dimethylpro...		252	C18H36	041977-42-8	49
5	Cis-1,3-di(n-hexyl)cyclohexane		252	C18H36	086701-17-9	43



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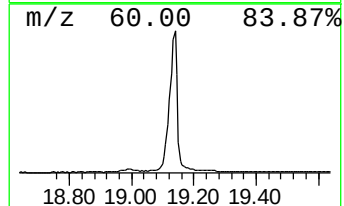
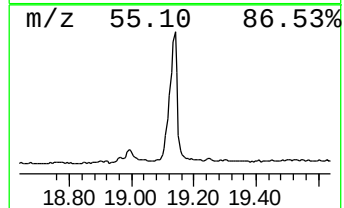
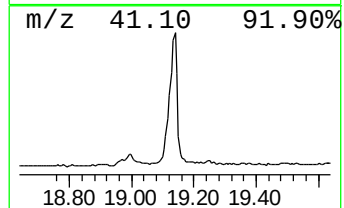
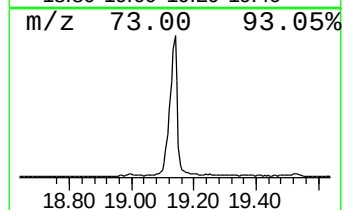
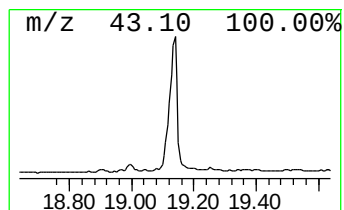
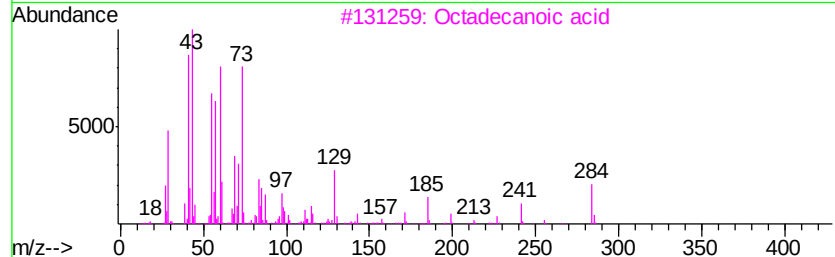
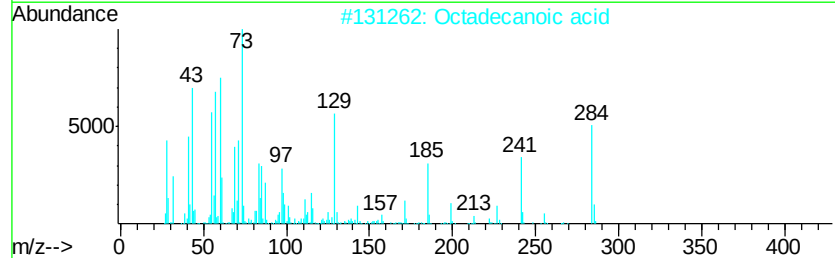
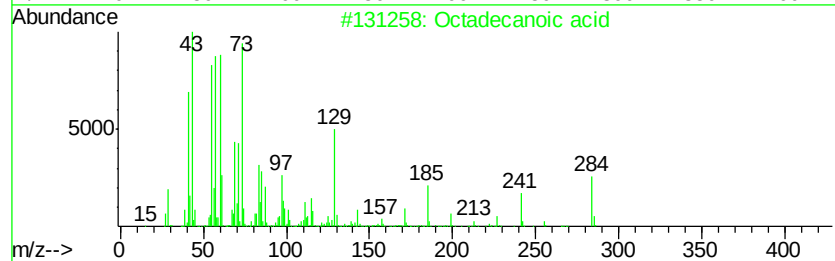
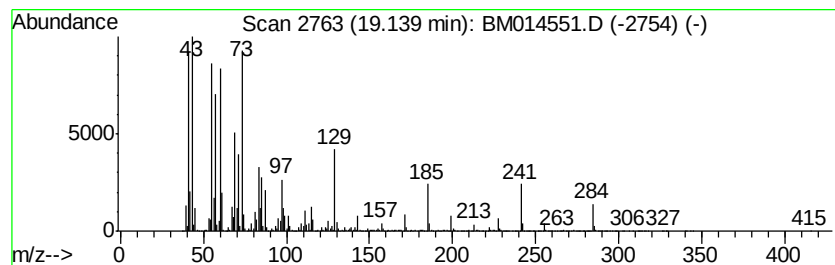
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.14	250.63 ng/ul	18680500	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	98
4		Octadecanoic acid	284	C18H36O2	000057-11-4	98
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	93



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031318\
Data File : BM014551.D
Acq On : 13 Mar 2018 20:03
Operator : SJ/JU
Sample : J1835-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6F14

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Dodecanoic acid	14.59	3.8	ng/ul	266935	3	14.14	1396770	20.0
n-Hexadecanoic acid	17.84	184.2	ng/ul	12064600	4	16.90	1310230	20.0
Hexadecanoic acid...	18.36	8.4	ng/ul	551546	4	16.90	1310230	20.0
9,12-Octadecadien...	18.97	5.6	ng/ul	367316	4	16.90	1310230	20.0
Oleic Acid	18.99	19.3	ng/ul	1261380	4	16.90	1310230	20.0
Octadecanoic acid	19.14	250.6	ng/ul	18680500	5	21.13	1490680	20.0