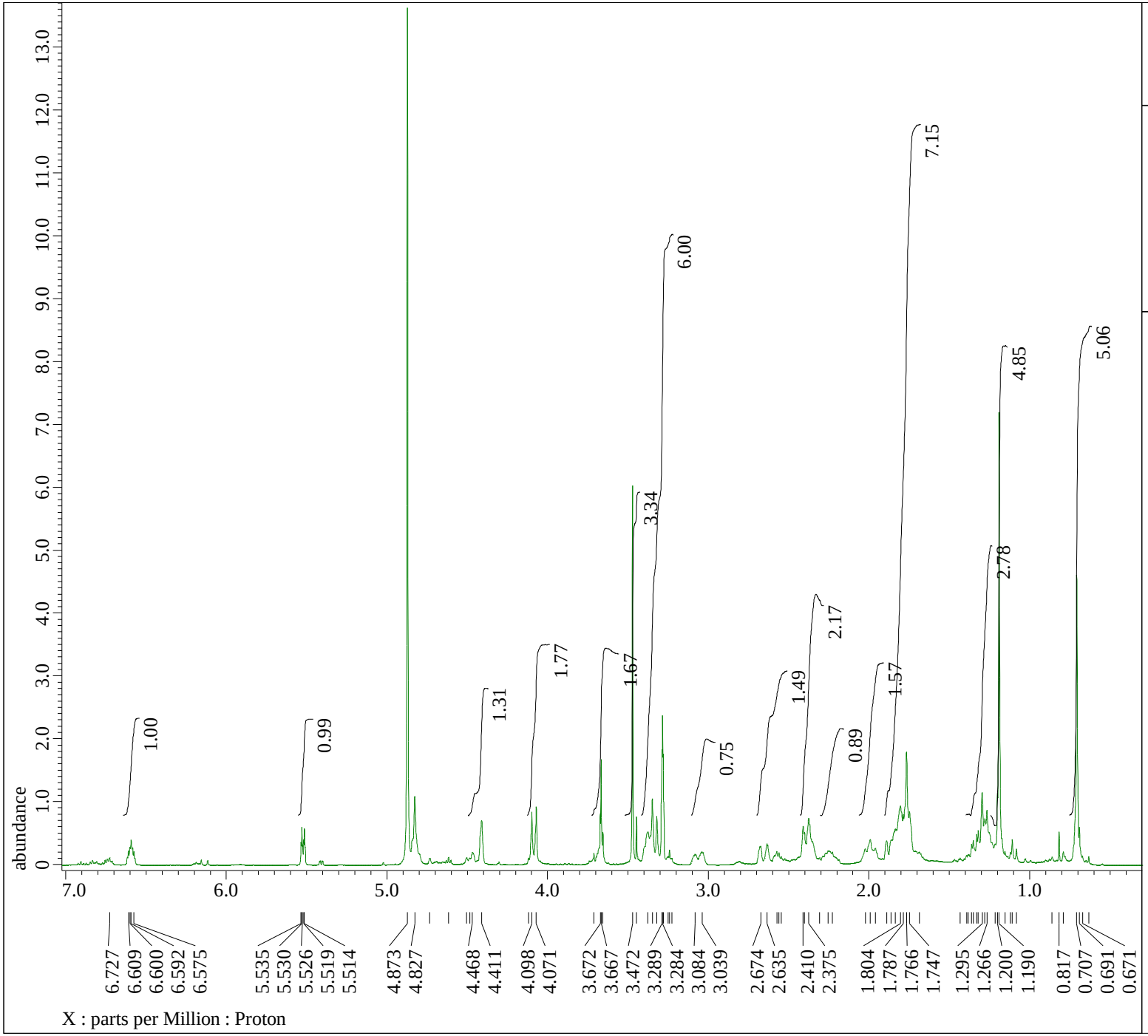
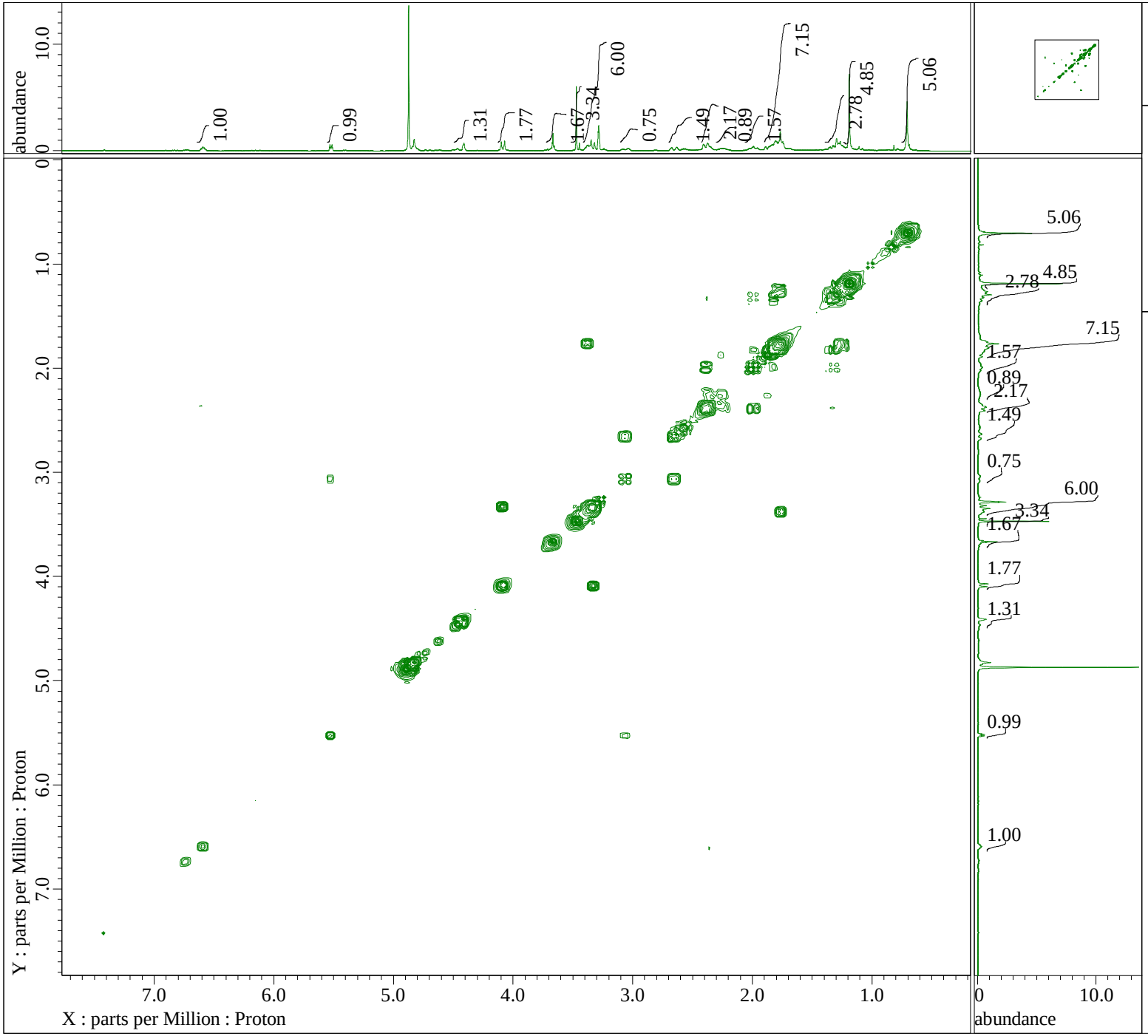


JEOL RESONANCE

```
---- PROCESSING PARAMETERS ----
dc_balance( 0, FALSE )
sexp( 0.2[Hz], 0.0[s] )
trapezoid( 0[%], 0[%], 80[%], 100[%] )
zerofill( 1 )
fft( 1, TRUE, TRUE )
machinephase
ppm

Derived from: FAT-02_ANDRI LIPI_6AGUST2019_pr
```

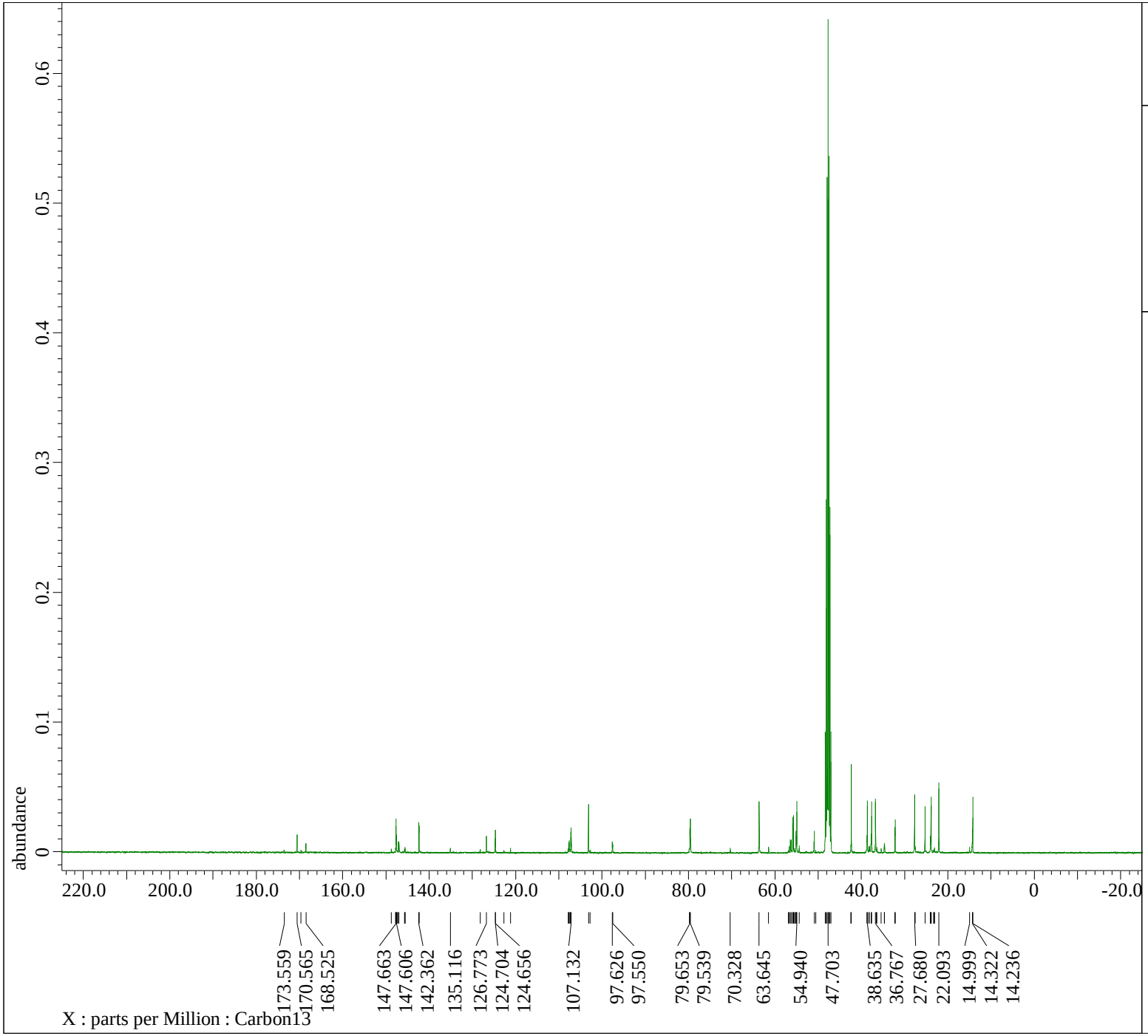
```
Filename          = FAT-02_ANDRI LIPI_6AGUST20
Author            = delta
Experiment        = proton.jxp
Sample_Id         = FAT-02_ANDRI LIPI_6AGUST20
Solvent           = METHANOL-D4
Creation_Time     =  6-AUG-2019 11:06:38
Revision_Time     =  6-AUG-2019 14:33:04
Current_Time      =  7-AUG-2019 08:46:42

Comment           = single_pulse
Data_Format       = 1D COMPLEX
Dim_Size          = 13107
Dim_Title         = Proton
Dim_Units         = [ppm]
Dimensions        = X
Site              = JNM-ECS400
Spectrometer      = DELTA2_NMR

Field_Strength    = 9.389766[T] (400[MHz])
X_Acq_Duration    = 2.18365952[s]
X_Domain          = 1H
X_Freq            = 399.78219838[MHz]
X_Offset          = 5[ppm]
X_Points          = 16384
X_Prescans        = 1
X_Resolution      = 0.45794685[Hz]
X_Sweep           = 7.5030012[kHz]
X_Sweep_Clipped   = 6.00240096[kHz]
Irr_Domain        = Proton
Irr_Freq          = 399.78219838[MHz]
Irr_Offset        = 5[ppm]
Tri_Domain        = Proton
Tri_Freq          = 399.78219838[MHz]
Tri_Offset        = 5[ppm]
Clipped           = TRUE
Scans             = 24
Total_Scans       = 24

Relaxation_Delay  = 5[s]
Recvr_Gain        = 38
Temp_Get          = 18.8[dC]
X_90_Width        = 6.45[us]
X_Acq_Time        = 2.18365952[s]
X_Angle           = 45[deg]
X_Atn             = 0.6[dB]
X_Pulse           = 3.225[us]
Irr_Mode          = Off
Tri_Mode          = Off
```



JEOL RESONANCE

```
---- PROCESSING PARAMETERS ----
sinbell_auto
fft( 1, TRUE, TRUE )
ppm
[transpose]
sinbell_auto
zerofill( 4 )
fft( 1, TRUE, TRUE )
ppm
abs
symmetrize( Cosy, 24 )
[transpose]
```

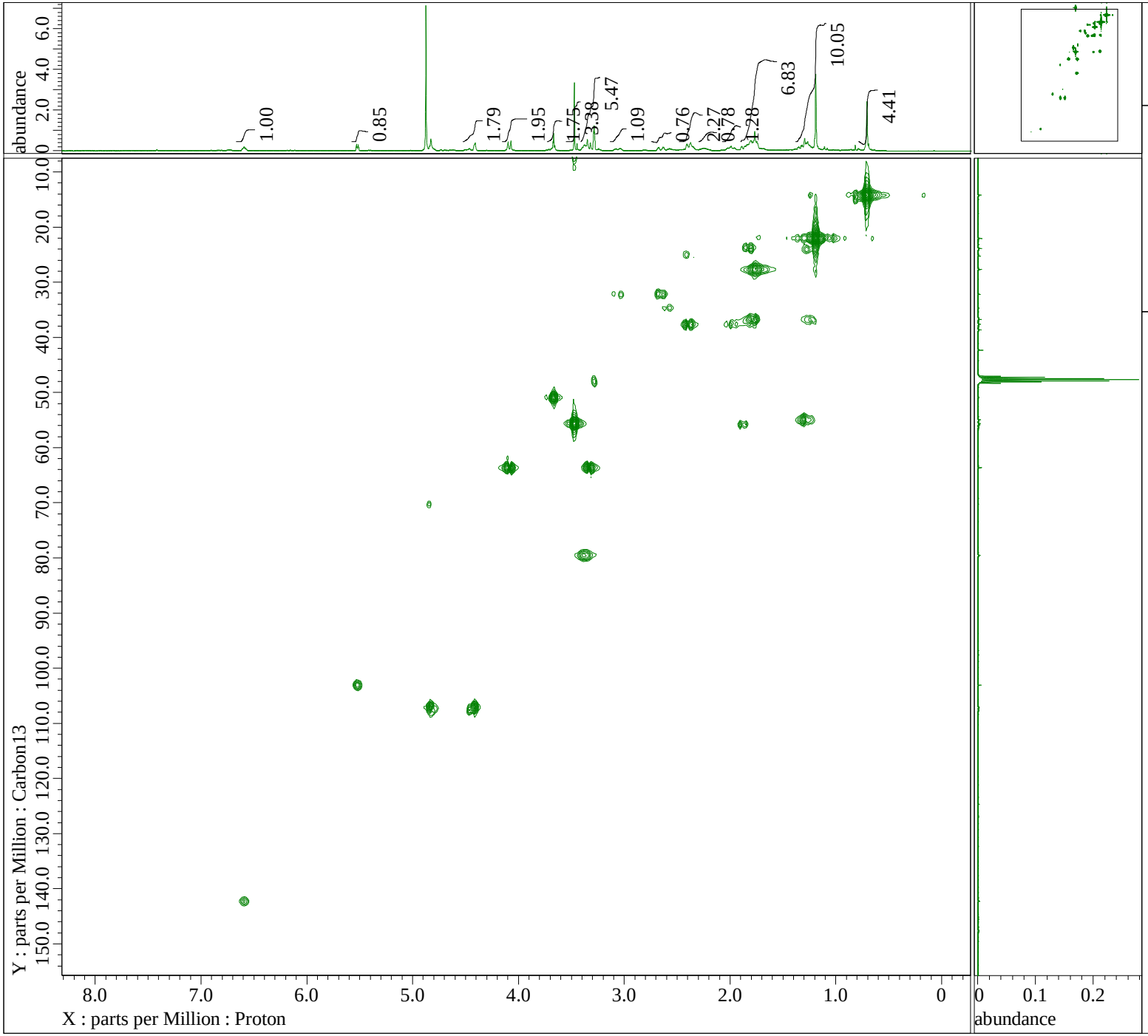
Filename	= FAT-02_ANDRI LIPI_6AGUST20
Author	= delta
Experiment	= cosy.jxp
Sample_Id	= FAT-02_ANDRI LIPI_6AGUST20
Solvent	= METHANOL-D4
Creation_Time	= 21-AUG-2019 08:33:48
Revision_Time	= 21-AUG-2019 09:27:06
Current_Time	= 21-AUG-2019 11:25:14
Comment	= gradient absolute value co
Data_Format	= 2D REAL REAL
Dim_Size	= 1024, 1024
Dim_Title	= Proton Proton
Dim_Units	= [ppm] [ppm]
Dimensions	= X Y
Site	= JNM-ECS400
Spectrometer	= DELTA2_NMR
Field_Strength	= 9.389766[T] (400[MHz])
X_Acq_Duration	= 0.128[s]
X_Domain	= 1H
X_Freq	= 399.78219838[MHz]
X_Offset	= 5[ppm]
X_Points	= 1280
X_Prescans	= 4
X_Resolution	= 7.8125[Hz]
X_Sweep	= 10[kHz]
X_Sweep_Clipped	= 8[kHz]
Y_Domain	= 1H
Y_Freq	= 399.78219838[MHz]
Y_Offset	= 5[ppm]
Y_Points	= 256
Y_Prescans	= 0
Y_Resolution	= 31.2400032[Hz]
Y_Sweep	= 7.99744082[kHz]
Irr_Domain	= Proton
Irr_Freq	= 399.78219838[MHz]
Irr_Offset	= 5[ppm]
Tri_Domain	= Proton
Tri_Freq	= 399.78219838[MHz]
Tri_Offset	= 5[ppm]
Clipped	= FALSE
Scans	= 5
Total_Scans	= 1280



JEOL RESONANCE

```
---- PROCESSING PARAMETERS ----
dc_balance( 0, FALSE )
sexp( 2.0[Hz], 0.0[s] )
trapezoid( 0[%], 0[%], 80[%], 100[%] )
zerofill( 1 )
fft( 1, TRUE, TRUE )
machinephase
ppm

Derived from: FAT-02_ANDRI LIPI_6AGUST2019_ca
```

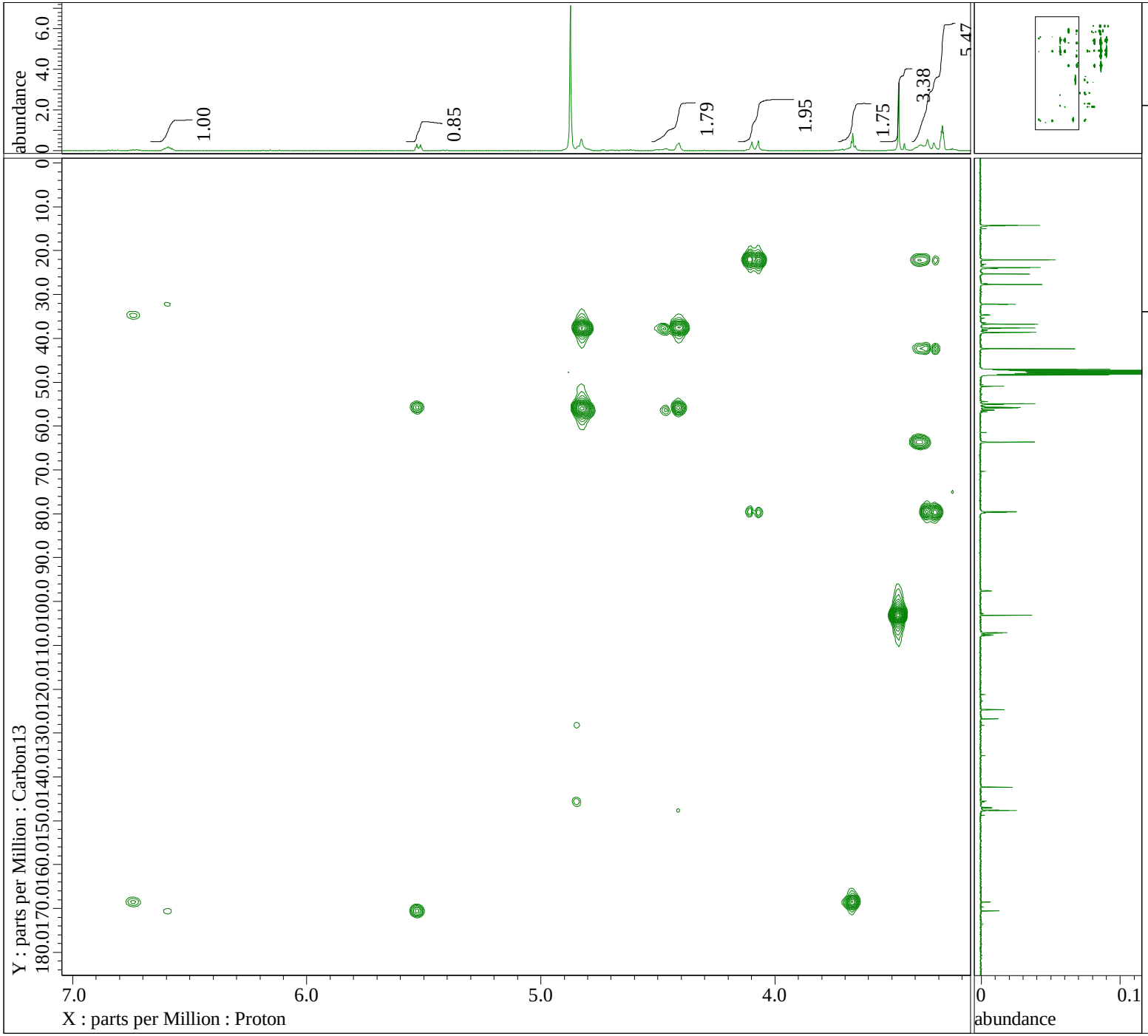
```
Filename          = FAT-02_ANDRI LIPI_6AGUST20
Author            = delta
Experiment        = carbon.jxp
Sample_Id         = FAT-02_ANDRI LIPI_6AGUST20
Solvent           = METHANOL-D4
Creation_Time     = 16-AUG-2019 10:24:27
Revision_Time     = 16-AUG-2019 15:28:47
Current_Time      = 16-AUG-2019 15:29:00

Comment           = single pulse decoupled gat
Data_Format       = 1D COMPLEX
Dim_Size          = 26214
Dim_Title         = Carbon13
Dim_Units         = [ppm]
Dimensions        = X
Site              = JNM-ECS400
Spectrometer      = DELTA2_NMR

Field_Strength    = 9.389766[T] (400[MHz])
X_Acq_Duration    = 1.04333312[s]
X_Domain          = 13C
X_Freq            = 100.52530333[MHz]
X_Offset          = 100[ppm]
X_Points          = 32768
X_Prescans        = 4
X_Resolution      = 0.95846665[Hz]
X_Sweep           = 31.40703518[kHz]
X_Sweep_Clipped   = 25.12562814[kHz]
Irr_Domain        = Proton
Irr_Freq          = 399.78219838[MHz]
Irr_Offset        = 5[ppm]
Clipped           = FALSE
Scans             = 5000
Total_Scans       = 5000

Relaxation_Delay  = 2[s]
Recvr_Gain        = 48
Temp_Get          = 20.2[dC]
X_90_Width        = 10.21[us]
X_Acq_Time        = 1.04333312[s]
X_Angle           = 30[deg]
X_Atn             = 4.2[dB]
X_Pulse           = 3.40333333[us]
Irr_Atn_Dec       = 25.84[dB]
Irr_Atn_Noe       = 25.84[dB]
Irr_Noise         = WALTZ
Irr_Pwidth        = 0.115[ms]
Decoupling        = TRUE
```



JEOL RESONANCE

```
---- PROCESSING PARAMETERS ----
sinbell4( -60, 160 )
zerofill( 1 )
fft( 1, TRUE, TRUE )
ppm
[transpose]
sinbell4( -60, 160 )
zerofill( 2 )
fft( 1, TRUE, TRUE )
ppm
abs
[transpose]
```

Filename	= FAT-02_ANDRI LIPI_6AGUS
Author	= delta
Experiment	= hmqc.jxp
Sample_Id	= FAT-02_ANDRI LIPI_6AGUS
Solvent	= METHANOL-D4
Creation_Time	= 6-AUG-2019 13:20:09
Revision_Time	= 6-AUG-2019 14:13:27
Current_Time	= 7-AUG-2019 08:38:54
Comment	= gradient enhanced HMQC
Data_Format	= 2D REAL REAL
Dim_Size	= 819, 512
Dim_Title	= Proton Carbon13
Dim_Units	= [ppm] [ppm]
Dimensions	= X Y
Site	= JNM-ECS400
Spectrometer	= DELTA2_NMR
Field_Strength	= 9.389766[T] (400[MHz])
X_Acq_Duration	= 0.13656064[s]
X_Domain	= 1H
X_Freq	= 399.78219838[MHz]
X_Offset	= 5[ppm]
X_Points	= 1024
X_Prescans	= 4
X_Resolution	= 7.3227542[Hz]
X_Sweep	= 7.4985003[kHz]
X_Sweep_Clipped	= 5.99880024[kHz]
Y_Domain	= 13C
Y_Freq	= 100.52530333[MHz]
Y_Offset	= 85.0[ppm]
Y_Points	= 256
Y_Prescans	= 0
Y_Resolution	= 66.79634063[Hz]
Y_Sweep	= 17.0998632[kHz]
Tri_Domain	= Proton
Tri_Freq	= 399.78219838[MHz]
Tri_Offset	= 5[ppm]
Clipped	= FALSE
Scans	= 5
Total_Scans	= 1280
Relaxation_Delay	= 1.5[s]
Recvr_Gain	= 82



JEOL RESONANCE

```
---- PROCESSING PARAMETERS ----
gauss( 5.0[Hz], 0.0[s] )
sinbell_auto
zerofill( 1 )
fft( 1, TRUE, TRUE )
ppm
[transpose]
sinbell4( -60, 160 )
trapezoid( 0[%], 5[%], 80[%], 100[%] )
zerofill( 2 )
fft( 1, TRUE, TRUE )
ppm
abs
```

Filename	= FAT-02_ANDRI LIPI_6AGUS
Author	= delta
Experiment	= hmbc.jxp
Sample_Id	= FAT-02_ANDRI LIPI_6AGUS
Solvent	= METHANOL-D4
Creation_Time	= 9-AUG-2019 12:27:13
Revision_Time	= 16-AUG-2019 15:33:22
Current_Time	= 16-AUG-2019 16:32:23
Comment	= gradient enhanced HMBC
Data_Format	= 2D REAL REAL
Dim_Size	= 1638, 512
Dim_Title	= Proton Carbon13
Dim_Units	= [ppm] [ppm]
Dimensions	= X Y
Site	= JNM-ECS400
Spectrometer	= DELTA2_NMR
Field_Strength	= 9.389766[T] (400[MHz])
X_Acq_Duration	= 0.27312128[s]
X_Domain	= 1H
X_Freq	= 399.78219838[MHz]
X_Offset	= 5[ppm]
X_Points	= 2048
X_Prescans	= 4
X_Resolution	= 3.6613771[Hz]
X_Sweep	= 7.4985003[kHz]
X_Sweep_Clipped	= 5.99880024[kHz]
Y_Domain	= 13C
Y_Freq	= 100.52530333[MHz]
Y_Offset	= 100[ppm]
Y_Points	= 256
Y_Prescans	= 0
Y_Resolution	= 98.24572435[Hz]
Y_Sweep	= 25.15090543[kHz]
Tri_Domain	= Proton
Tri_Freq	= 399.78219838[MHz]
Tri_Offset	= 5[ppm]
Clipped	= FALSE
Scans	= 8
Total_Scans	= 2048
Relaxation_Delay	= 1.5[s]
Recvr_Gain	= 36
Temp_Get	= 19.4[dC]
X_Acq_Time	= 0.27312128[s]
X_Atn	= 0.6[dB]
X_Gamma	= 42576375