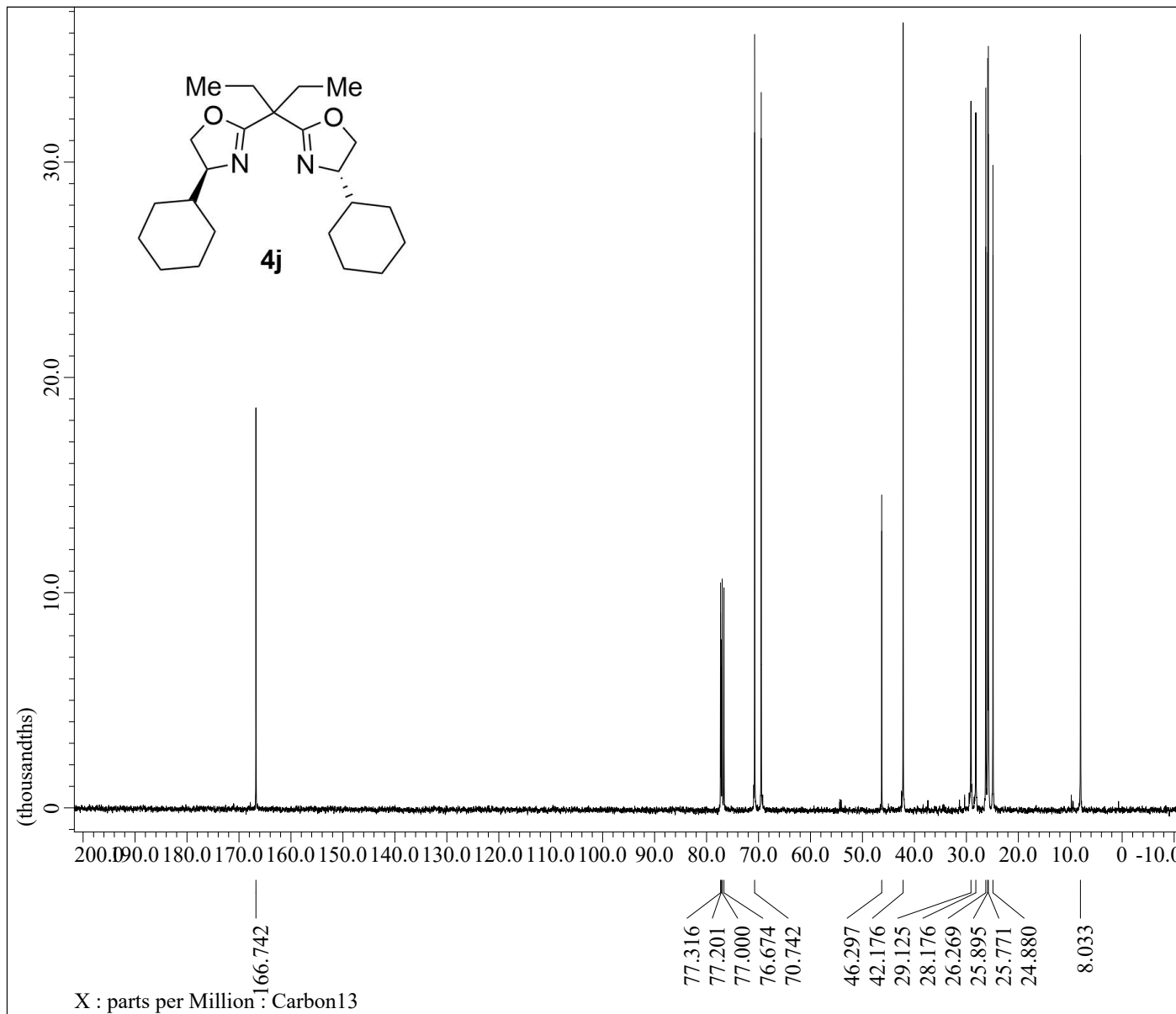


Filename	= MI-5-Ligand-cyclohex
Author	= delta
Experiment	= proton_auto.jxp
Sample Id	= MI-5-Ligand-cyclohex
Solvent	= CHLOROFORM-D
Actual_Start_Time	= 12-JUN-2023 19:11:...
Revision_Time	= 18-OCT-2023 23:23:...
Comment	= MI-5-Ligand-cyclohex
Data_Format	= 1D COMPLEX
Dim_Size	= 13107
Dim_Title	= Proton
Dim_Units	= [ppm]
Dimensions	= X
Spectrometer	= JNM-ECZ400S/L1
Field_Strength	= 9.389766[T] (400[M
X_Acq_Duration	= 2.18628096[s]
X_Domain	= Proton
X_Freq	= 399.78219838[MHz]
X_Offset	= 5[ppm]
X_Points	= 16384
X_Prescans	= 1
X_Resolution	= 0.45739775[Hz]
X_Sweep	= 7.4940048[kHz]
X_Sweep_Clipped	= 5.99520384[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]
Blanking	= 2[us]
Clipped	= FALSE
Scans	= 8
Total_Scans	= 8
Relaxation_Delay	= 5[s]
Recvr_Gain	= 56
Temp_Get	= 18.5[dC]
X_90_Width	= 8[us]
X_Acq_Time	= 2.18628096[s]
X_Angle	= 45[deg]
X_Atn	= 6[dB]
X_Pulse	= 4[us]
Irr_Mode	= Off
Tri_Mode	= Off
Dante_Loop	= 500
Dante_Presat	= FALSE
Decimation_Rate	= 0
Experiment_Path	= c:\Program Files\J...
Initial_Wait	= 1[s]
Phase	= {0, 90, 270, 180,



```

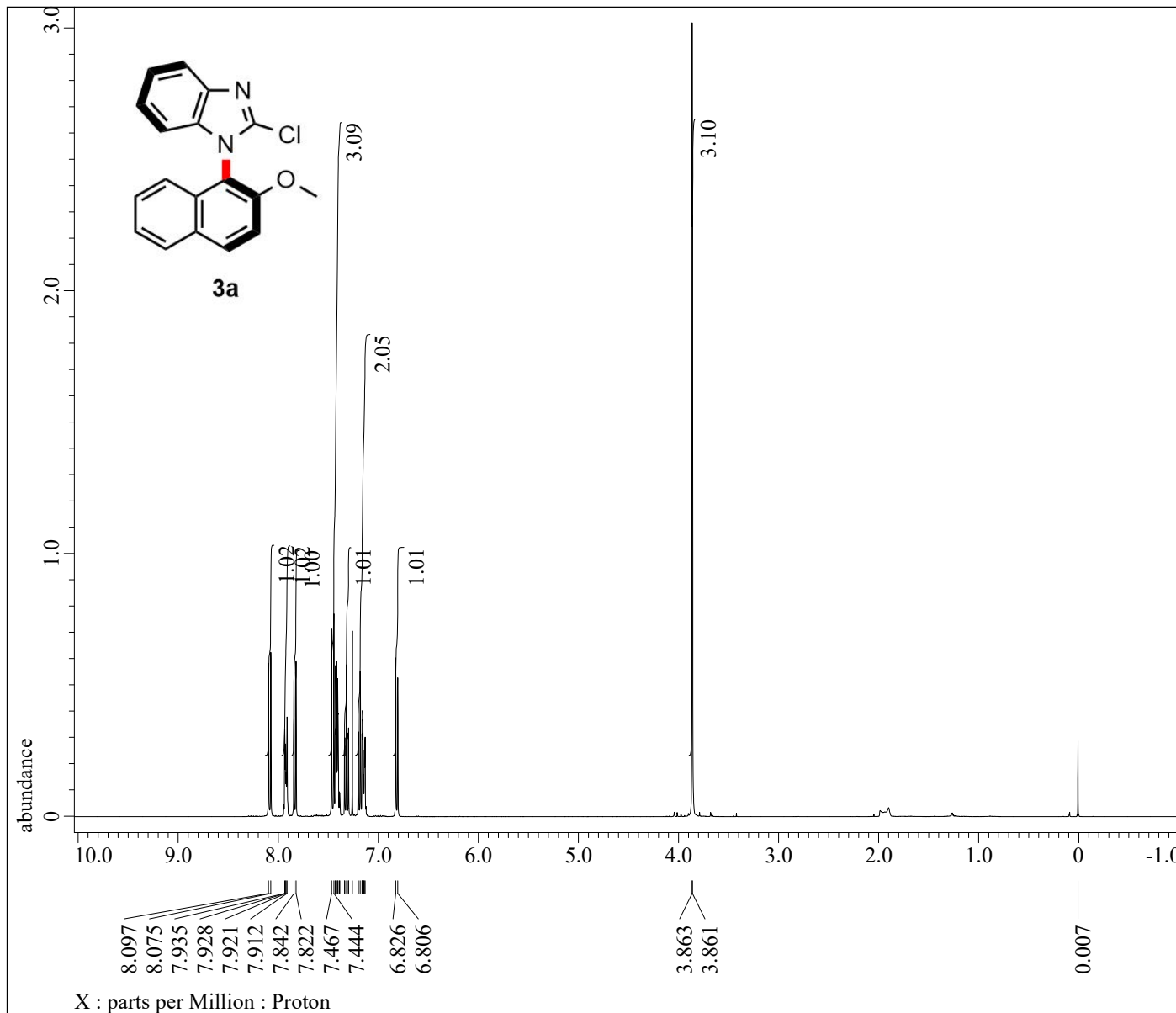
Filename      = MI-chira-Bxliga
Author       = delta
Experiment   = carbon_auto.jpg
Sample Id    = MI-chira-Bxliga
Solvent      = CHLOROFORM-D
Actual_Start_Time = 29-SEP-2023 11:
Revision_Time  = 14-OCT-2023 01:

Comment      = MI-chira-Bxliga
Data_Format  = 1D COMPLEX
Dim_Size     = 26214
Dim_Title    = Carbon13
Dim_Units    = [ppm]
Dimensions   = X
Spectrometer = JNM-ECZ400S/L1

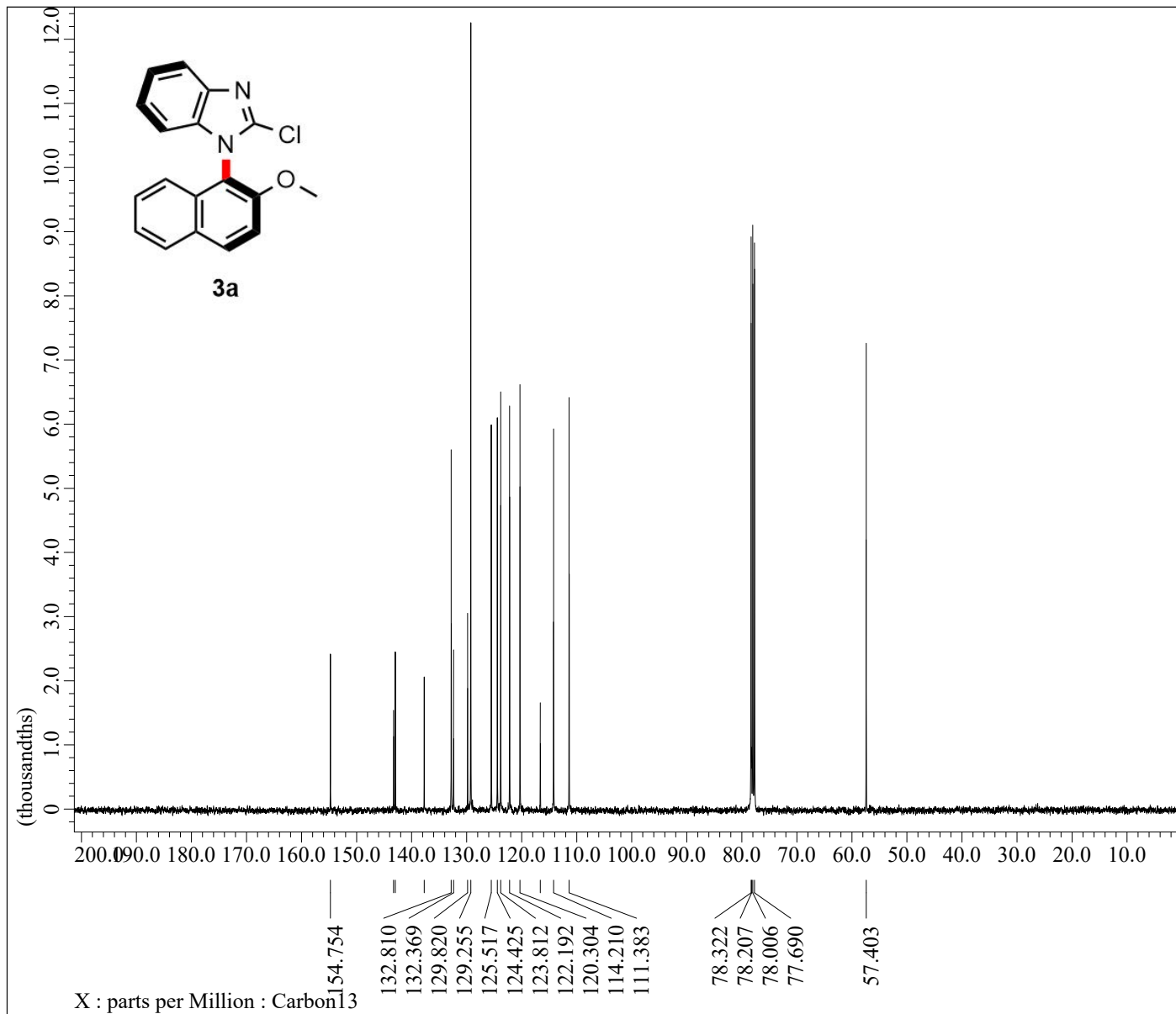
Field_Strength = 9.389766[T] (40
X_Acq_Duration = 1.03809024[s]
X_Domain       = Carbon13
X_Freq         = 100.52530333[MH
X_Offset       = 100[ppm]
X_Points       = 32768
X_Prescans     = 4
X_Resolution   = 0.96330739[Hz]
X_Sweep        = 31.56565657[kHz]
X_Sweep_Clipped = 25.25252525[kHz]
Irr_Domain     = Proton
Irr_Freq       = 399.78219838[MH
Irr_Offset     = 5[ppm]
Blanking       = 5[us]
Clipped        = TRUE
Incomplete_Copy = TRUE
Scans          = 119
Total_Scans    = 119

Relaxation_Delay = 2[s]
Recvr_Gain       = 50
Temp_Get         = 19.9[dC]
X_90_Width      = 11.8[us]
X_Acq_Time      = 1.03809024[s]
X_Angle         = 30[deg]
X_Atn           = 8[dB]
X_Pulse         = 3.93333333[us]
Irr_Atn_Dec     = 29.152[dB]
Irr_Atn_Dec_Calc = 29.152[dB]
Irr_Atn_Dec_Default_Calc = 29.152[dB]
Irr_Atn_No     = 29.152[dB]
Irr_Dec_Bandwidth_Hz = 4.7826087[kHz]
Irr_Dec_Bandwidth_Ppm = 11.96303566[ppm]
Irr_Dec_Freq    = 399.78219838[MH
Irr_Dec_Merit_Factor = 2.2
Irr_Decoupling = TRUE
Irr_No     = TRUE

```



Filename	= MI-5-63-chiral-Ber
Author	= delta
Experiment	= proton_auto.jxp
Sample_Id	= MI-5-63-chiral-Ber
Solvent	= CHLOROFORM-D
Actual_Start_Time	= 22-SEP-2023 00:14:
Revision_Time	= 18-OCT-2023 23:06:
Comment	= MI-5-63-chiral-Ber
Data_Format	= 1D COMPLEX
Dim_Size	= 13107
Dim_Title	= Proton
Dim_Units	= [ppm]
Dimensions	= X
Spectrometer	= JNM-ECZ400S/L1
Field_Strength	= 9.389766[T] (400[M
X_Acq_Duration	= 2.18628096[s]
X_Domain	= Proton
X_Freq	= 399.78219838[MHz]
X_Offset	= 5[ppm]
X_Points	= 16384
X_Prescans	= 1
X_Resolution	= 0.45739775[Hz]
X_Sweep	= 7.4940048[kHz]
X_Sweep_Clipped	= 5.99520384[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]
Blanking	= 2[us]
Clipped	= FALSE
Scans	= 8
Total_Scans	= 8
Relaxation_Delay	= 5[s]
Recvr_Gain	= 46
Temp_Get	= 18.3[dC]
X_90_Width	= 8[us]
X_Acq_Time	= 2.18628096[s]
X_Angle	= 45[deg]
X_Atn	= 6[dB]
X_Pulse	= 4[us]
Irr_Mode	= Off
Tri_Mode	= Off
Dante_Loop	= 500
Dante_Presat	= FALSE
Decimation_Rate	= 0
Experiment_Path	= c:\Program Files\J
Initial_Wait	= 1[s]
Phase	= {0, 90, 270, 180,



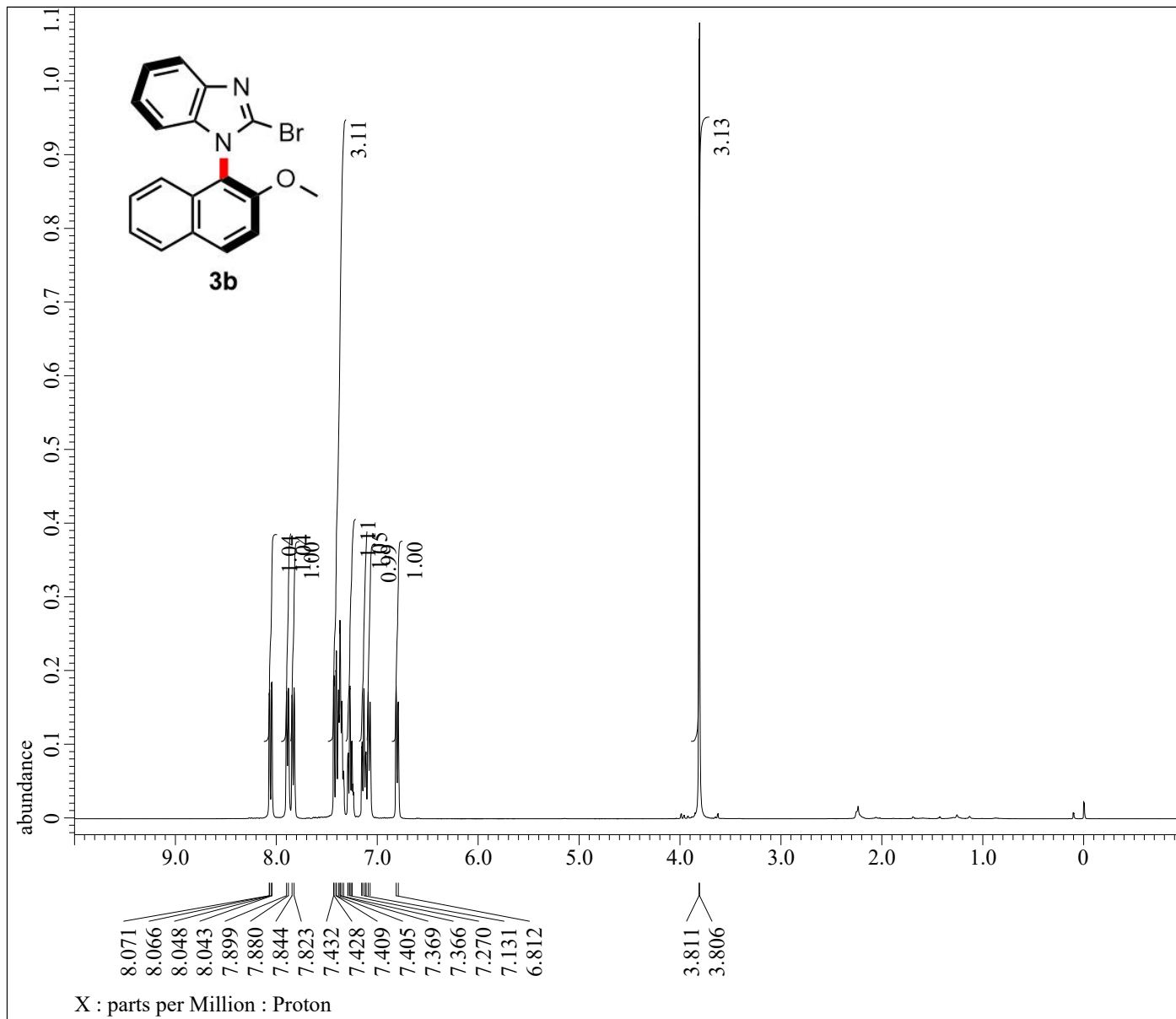
```

Filename           = MI-5-63-chiral-
Author             = delta
Experiment         = carbon_auto.jpg
Sample_Id          = MI-5-63-chiral-
Solvent            = CHLOROFORM-D
Actual_Start_Time  = 22-SEP-2023 03:
Revision_Time      = 14-OCT-2023 02:

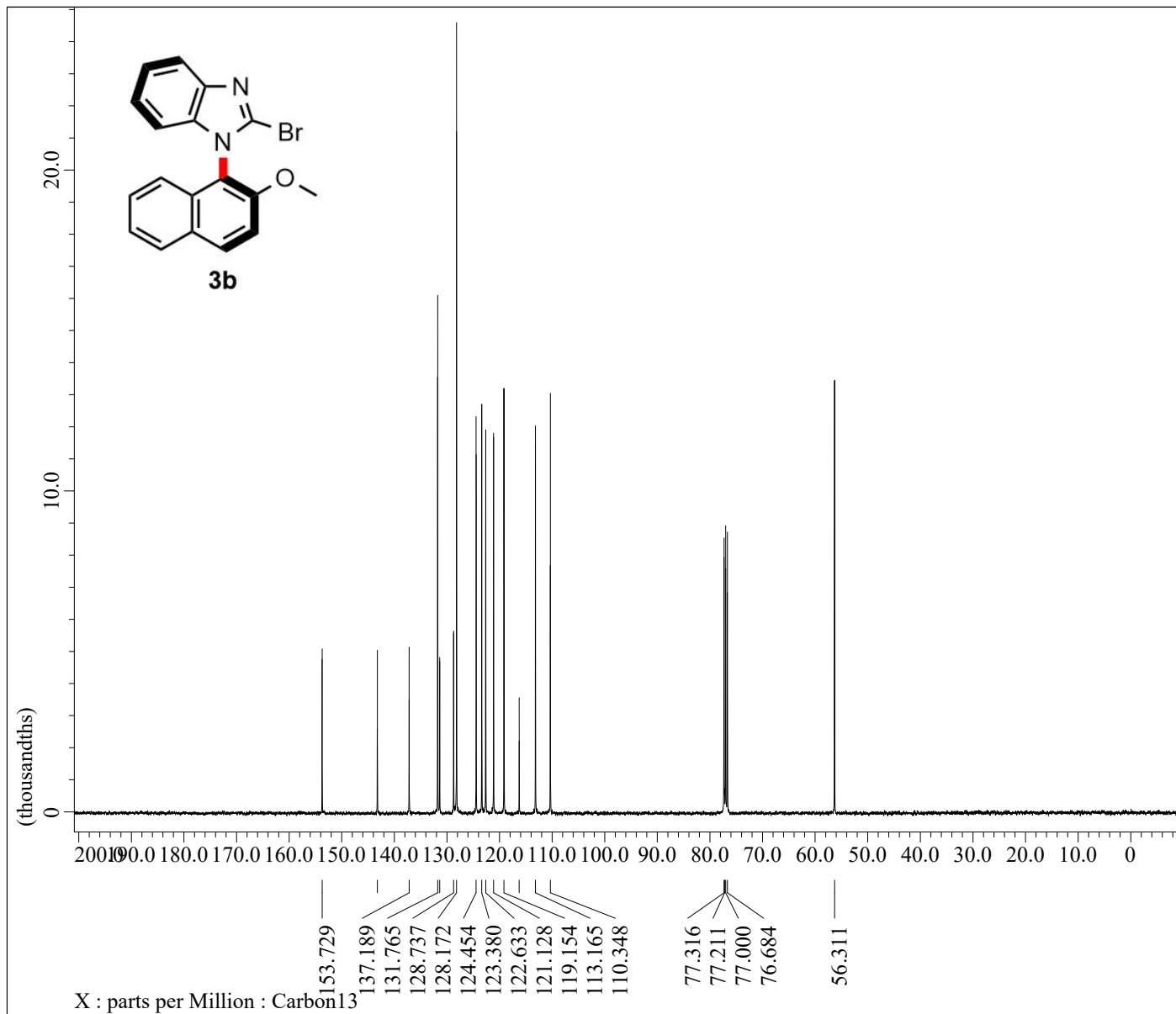
Comment           = MI-5-63-chiral-
Data_Format       = 1D COMPLEX
Dim_Size          = 26214
Dim_Title         = Carbon13
Dim_Units         = [ppm]
Dimensions        = X
Spectrometer      = JNM-ECZ400S/L1

Field_Strength    = 9.389766[T] (40
X_Acq_Duration    = 1.03809024[s]
X_Domain          = Carbon13
X_Freq            = 100.52530333[MH
X_Offset          = 100[ppm]
X_Points          = 32768
X_Prescans        = 4
X_Resolution      = 0.96330739[Hz]
X_Sweep           = 31.56565657[kHz]
X_Sweep_Clipped  = 25.25252525[kHz]
Irr_Domain        = Proton
Irr_Freq          = 399.78219838[MH
Irr_Offset        = 5[ppm]
Blanking          = 5[us]
Clipped           = TRUE
Scans             = 1024
Total_Scans       = 1024

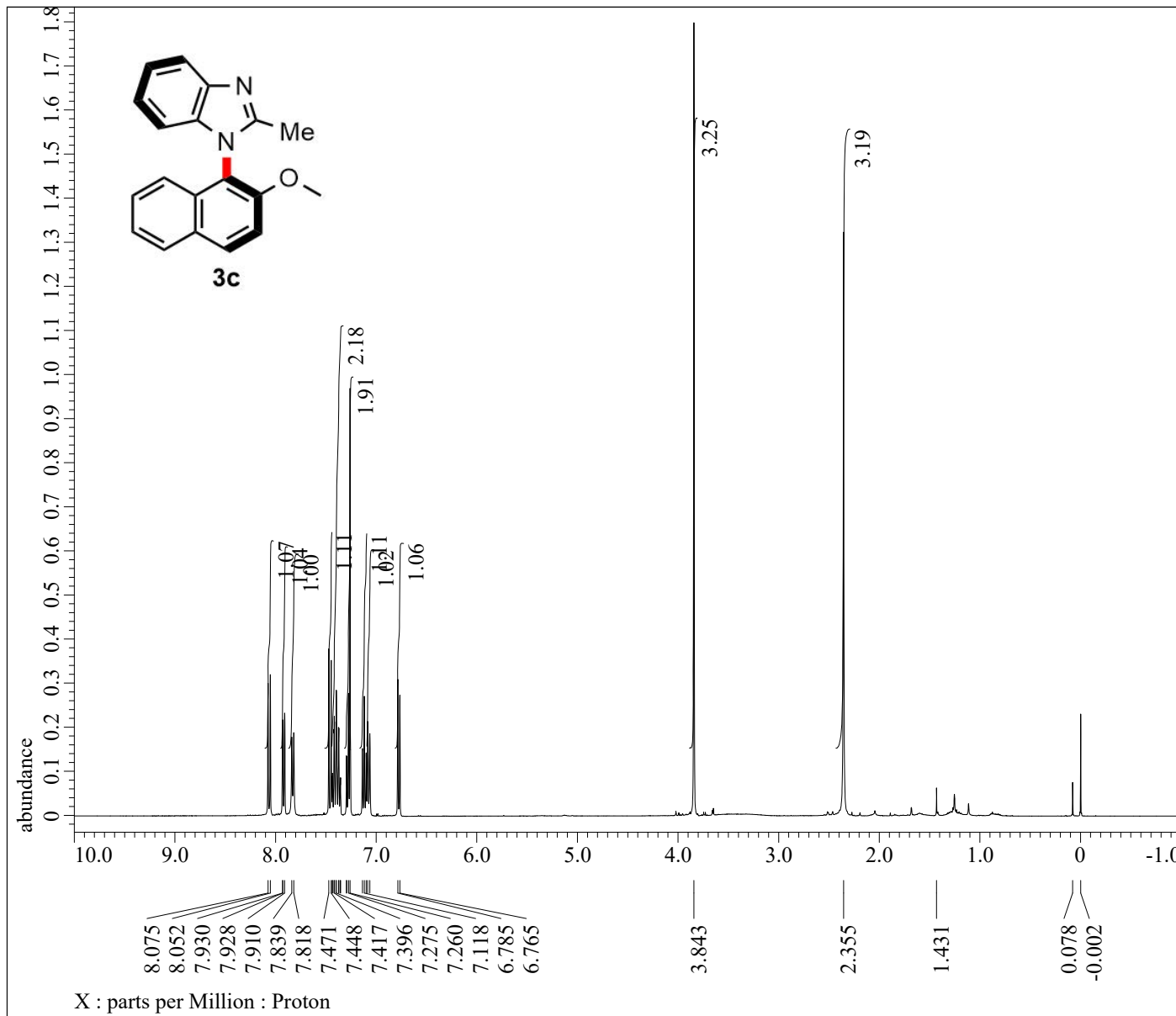
Relaxation_Delay  = 2[s]
Recvr_Gain        = 50
Temp_Get          = 18[dC]
X_90_Width        = 11.8[us]
X_Acq_Time        = 1.03809024[s]
X_Angle           = 30[deg]
X_Atn             = 8[dB]
X_Pulse           = 3.93333333[us]
Irr_Atn_Dec       = 29.152[dB]
Irr_Atn_Dec_Calc = 29.152[dB]
Irr_Atn_Dec_Default_Calc = 29.152[dB]
Irr_Atn_Noise    = 29.152[dB]
Irr_Dec_Bandwidth_Hz = 4.7826087[kHz]
Irr_Dec_Bandwidth_Ppm = 11.96303566[ppm]
Irr_Dec_Freq     = 399.78219838[MH
Irr_Dec_Merit_Factor = 2.2
Irr_Decoupling   = TRUE
Irr_Noise        = TRUE
Irr_Noise        = WALTZ
  
```



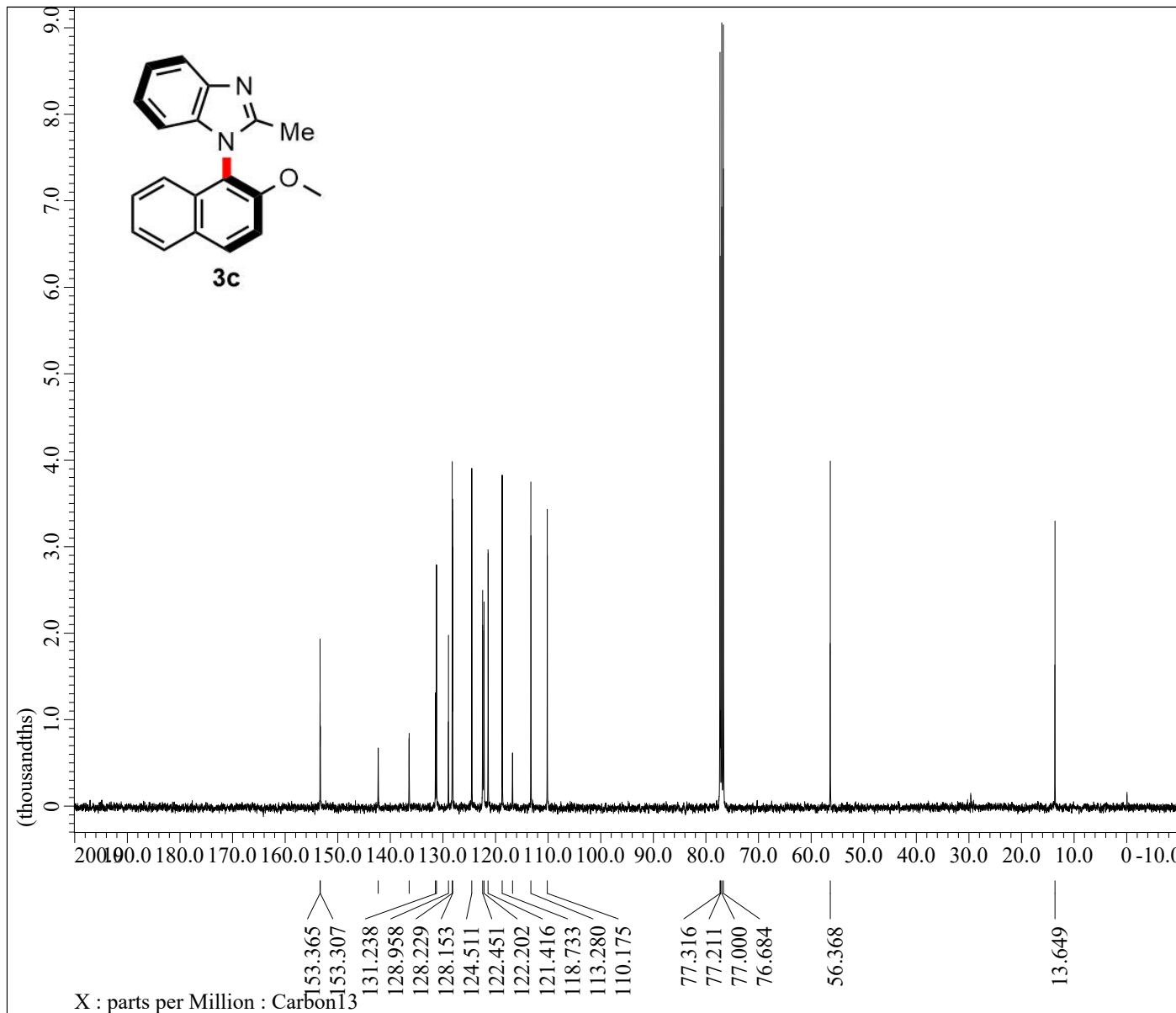
Filename	= MI-chiral-BenzImi-
Author	= delta
Experiment	= proton_auto.jpg
Sample Id	= MI-chiral-BenzImi-
Solvent	= CHLOROFORM-D
Actual_Start_Time	= 22-SEP-2023 00:03:
Revision_Time	= 13-OCT-2023 01:46:
Comment	= MI-chiral-BenzImi-
Data_Format	= 1D COMPLEX
Dim_Size	= 13107
Dim_Title	= Proton
Dim_Units	= [ppm]
Dimensions	= X
Spectrometer	= JNM-ECZ400S/L1
Field_Strength	= 9.389766[T] (400[M
X_Acq_Duration	= 2.18628096[s]
X_Domain	= Proton
X_Freq	= 399.78219838[MHz]
X_Offset	= 5[ppm]
X_Points	= 16384
X_Prescans	= 1
X_Resolution	= 0.45739775[Hz]
X_Sweep	= 7.4940048[kHz]
X_Sweep_Clipped	= 5.99520384[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]
Blanking	= 2[us]
Clipped	= FALSE
Scans	= 8
Total_Scans	= 8
Relaxation_Delay	= 5[s]
Recvr_Gain	= 36
Temp_Get	= 18.3[dC]
X_90_Width	= 8[us]
X_Acq_Time	= 2.18628096[s]
X_Angle	= 45[deg]
X_Atn	= 6[dB]
X_Pulse	= 4[us]
Irr_Mode	= Off
Tri_Mode	= Off
Dante_Loop	= 500
Dante_Presat	= FALSE
Decimation_Rate	= 0
Experiment_Path	= c:\Program Files\J
Initial_Wait	= 1[s]
Phase	= {0, 90, 270, 180,



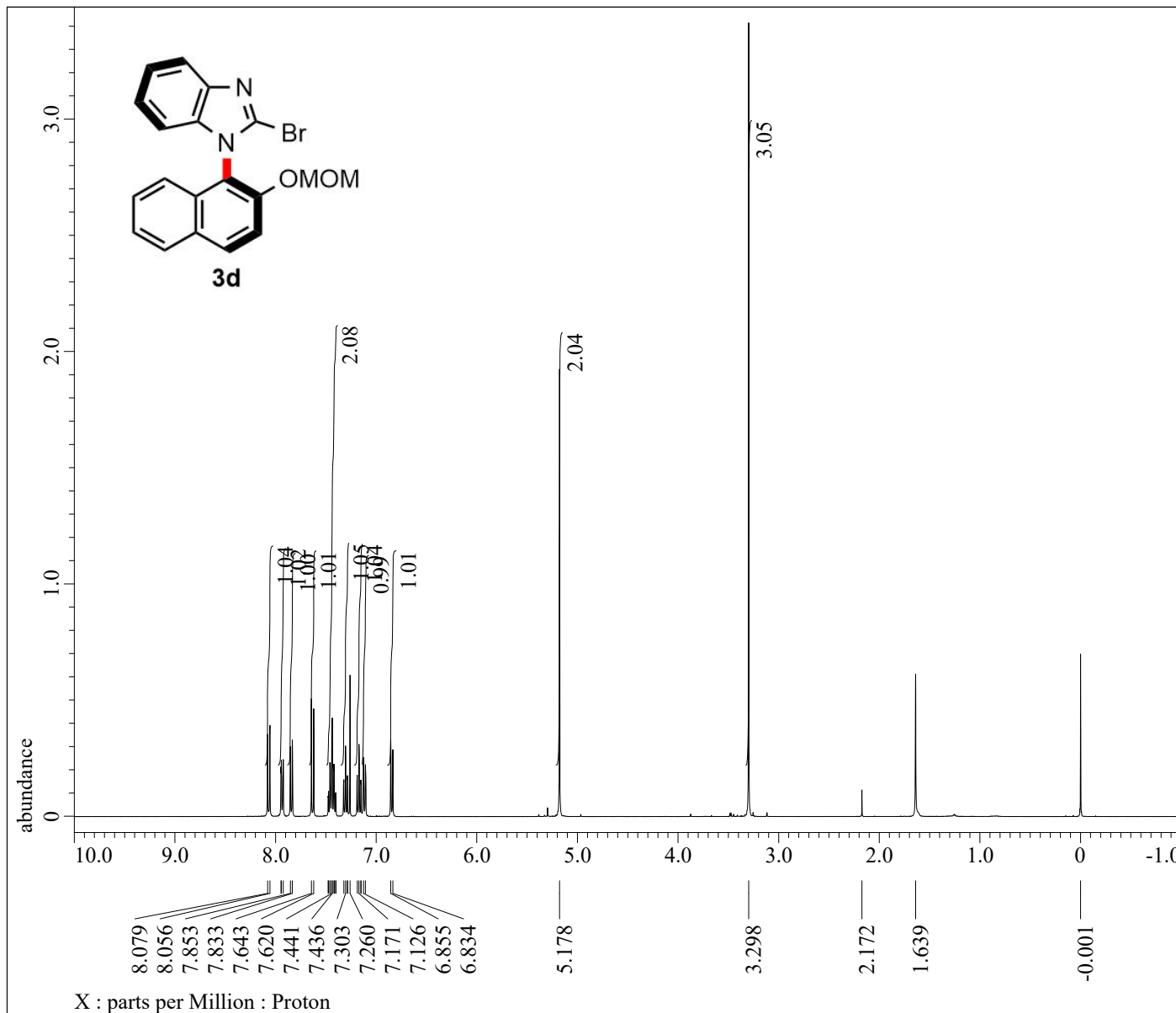
Filename	= MI-chiral-BenzI
Author	= delta
Experiment	= carbon_auto.jpg
Sample Id	= MI-chiral-BenzI
Solvent	= CHLOROFORM-D
Actual_Start_Time	= 22-SEP-2023 02:
Revision_Time	= 14-OCT-2023 02:
Comment	= MI-chiral-BenzI
Data_Format	= 1D COMPLEX
Dim_Size	= 26214
Dim_Title	= Carbon13
Dim_Units	= [ppm]
Dimensions	= X
Spectrometer	= JNM-ECZ400S/L1
Field_Strength	= 9.389766[T] (40
X_Acq_Duration	= 1.03809024[s]
X_Domain	= Carbon13
X_Freq	= 100.52530333[MH
X_Offset	= 100[ppm]
X_Points	= 32768
X_Prescans	= 4
X_Resolution	= 0.96330739[Hz]
X_Sweep	= 31.56565657[kHz
X_Sweep_Clipped	= 25.25252525[kHz
Irr_Domain	= Proton
Irr_Freq	= 399.78219838[MH
Irr_Offset	= 5[ppm]
Blanking	= 5[us]
Clipped	= TRUE
Scans	= 1024
Total_Scans	= 1024
Relaxation_Delay	= 2[s]
Recvr_Gain	= 50
Temp_Get	= 18.2[dC]
X_90_Width	= 11.8[us]
X_Acq_Time	= 1.03809024[s]
X_Angle	= 30[deg]
X_Atn	= 8[dB]
X_Pulse	= 3.93333333[us]
Irr_Atn_Dec	= 29.152[dB]
Irr_Atn_Dec_Calc	= 29.152[dB]
Irr_Atn_Dec_Default_Calc	= 29.152[dB]
Irr_Atn_No	= 29.152[dB]
Irr_Dec_Bandwidth_Hz	= 4.7826087[kHz]
Irr_Dec_Bandwidth_Ppm	= 11.96303566[ppm]
Irr_Dec_Freq	= 399.78219838[MH
Irr_Dec_Merit_Factor	= 2.2
Irr_Decoupling	= TRUE
Irr_No	= TRUE
Irr_Noise	= WALTZ



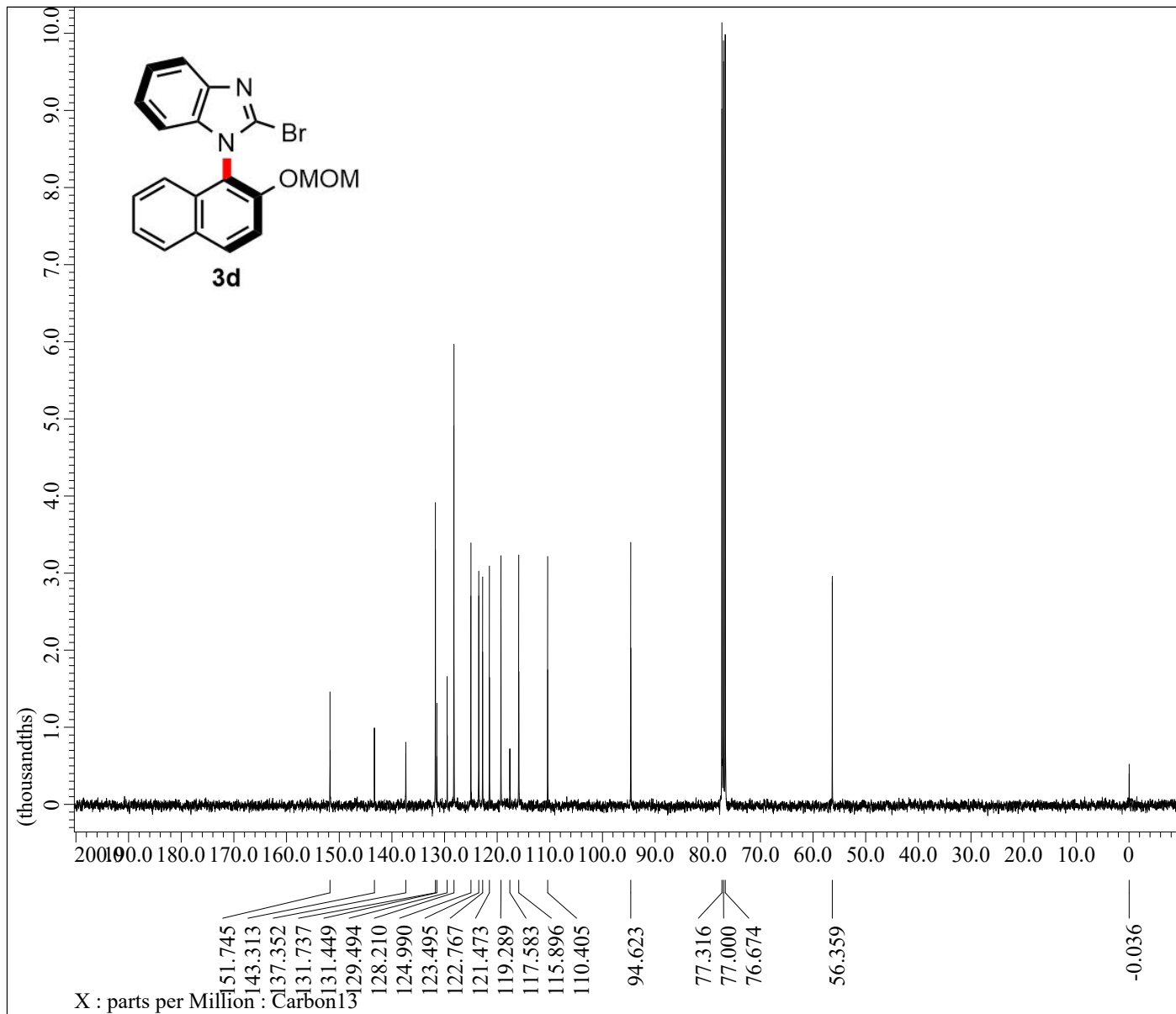
Filename	= MI-5-62-BenzImi-Me
Author	= delta
Experiment	= proton_auto.jpg
Sample Id	= MI-5-62-BenzImi-Me
Solvent	= CHLOROFORM-D
Actual_Start_Time	= 22-SEP-2023 19:58:
Revision_Time	= 13-OCT-2023 02:01:
Comment	= MI-5-62-BenzImi-Me
Data_Format	= 1D COMPLEX
Dim_Size	= 13107
Dim_Title	= Proton
Dim_Units	= [ppm]
Dimensions	= X
Spectrometer	= JNM-ECZ400S/L1
Field_Strength	= 9.389766[T] (400[M
X_Acq_Duration	= 2.18628096[s]
X_Domain	= Proton
X_Freq	= 399.78219838[MHz]
X_Offset	= 5[ppm]
X_Points	= 16384
X_Prescans	= 1
X_Resolution	= 0.45739775[Hz]
X_Sweep	= 7.4940048[kHz]
X_Sweep_Clipped	= 5.99520384[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]
Blanking	= 2[us]
Clipped	= FALSE
Scans	= 8
Total_Scans	= 8
Relaxation_Delay	= 5[s]
Recvr_Gain	= 46
Temp_Get	= 18.3[dC]
X_90_Width	= 8[us]
X_Acq_Time	= 2.18628096[s]
X_Angle	= 45[deg]
X_Atn	= 6[dB]
X_Pulse	= 4[us]
Irr_Mode	= Off
Tri_Mode	= Off
Dante_Loop	= 500
Dante_Presat	= FALSE
Decimation_Rate	= 0
Experiment_Path	= c:\Program Files\J
Initial_Wait	= 1[s]
Phase	= {0, 90, 270, 180,



Filename	= MI-5-62-BenzImi
Author	= delta
Experiment	= carbon_auto.jpg
Sample Id	= MI-5-62-BenzImi
Solvent	= CHLOROFORM-D
Actual_Start_Time	= 25-SEP-2023 19:
Revision_Time	= 14-OCT-2023 02:
Comment	= MI-5-62-BenzImi
Data_Format	= 1D COMPLEX
Dim_Size	= 26214
Dim_Title	= Carbon13
Dim_Units	= [ppm]
Dimensions	= X
Spectrometer	= JNM-ECZ400S/L1
Field_Strength	= 9.389766[T] (40
X_Acq_Duration	= 1.03809024[s]
X_Domain	= Carbon13
X_Freq	= 100.52530333[MH
X_Offset	= 100[ppm]
X_Points	= 32768
X_Prescans	= 4
X_Resolution	= 0.96330739[Hz]
X_Sweep	= 31.56565657[kHz
X_Sweep_Clipped	= 25.25252525[kHz
Irr_Domain	= Proton
Irr_Freq	= 399.78219838[MH
Irr_Offset	= 5[ppm]
Blanking	= 5[us]
Clipped	= TRUE
Scans	= 1024
Total_Scans	= 1024
Relaxation_Delay	= 2[s]
Recvr_Gain	= 50
Temp_Get	= 19.1[dC]
X_90_Width	= 11.8[us]
X_Acq_Time	= 1.03809024[s]
X_Angle	= 30[deg]
X_Atn	= 8[dB]
X_Pulse	= 3.93333333[us]
Irr_Atn_Dec	= 29.152[dB]
Irr_Atn_Dec_Calc	= 29.152[dB]
Irr_Atn_Dec_Default_Calc	= 29.152[dB]
Irr_Atn_No	= 29.152[dB]
Irr_Dec_Bandwidth_Hz	= 4.7826087[kHz]
Irr_Dec_Bandwidth_Ppm	= 11.96303566[ppm]
Irr_Dec_Freq	= 399.78219838[MH
Irr_Dec_Merit_Factor	= 2.2
Irr_Decoupling	= TRUE
Irr_No	= TRUE
Irr_Noise	= WALTZ



Filename	= MI-chiral-BenzImi-
Author	= delta
Experiment	= proton_auto.jpg
Sample Id	= MI-chiral-BenzImi-
Solvent	= CHLOROFORM-D
Actual_Start_Time	= 7-SEP-2023 09:23:
Revision_Time	= 13-OCT-2023 02:16:
Comment	= MI-chiral-BenzImi-
Data_Format	= 1D COMPLEX
Dim_Size	= 13107
Dim_Title	= Proton
Dim_Units	= [ppm]
Dimensions	= X
Spectrometer	= JNM-ECZ400S/L1
Field_Strength	= 9.389766[T] (400[M
X_Acq_Duration	= 2.18628096[s]
X_Domain	= Proton
X_Freq	= 399.78219838[MHz]
X_Offset	= 5[ppm]
X_Points	= 16384
X_Prescans	= 1
X_Resolution	= 0.45739775[Hz]
X_Sweep	= 7.4940048[kHz]
X_Sweep_Clipped	= 5.99520384[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]
Blanking	= 2[us]
Clipped	= FALSE
Scans	= 8
Total_Scans	= 8
Relaxation_Delay	= 5[s]
Recvr_Gain	= 56
Temp_Get	= 19.9[dC]
X_90_Width	= 8[us]
X_Acq_Time	= 2.18628096[s]
X_Angle	= 45[deg]
X_Atn	= 6[dB]
X_Pulse	= 4[us]
Irr_Mode	= Off
Tri_Mode	= Off
Dante_Loop	= 500
Dante_Presat	= FALSE
Decimation_Rate	= 0
Experiment_Path	= c:\Program Files\J
Initial_Wait	= 1[s]
Phase	= {0, 90, 270, 180,



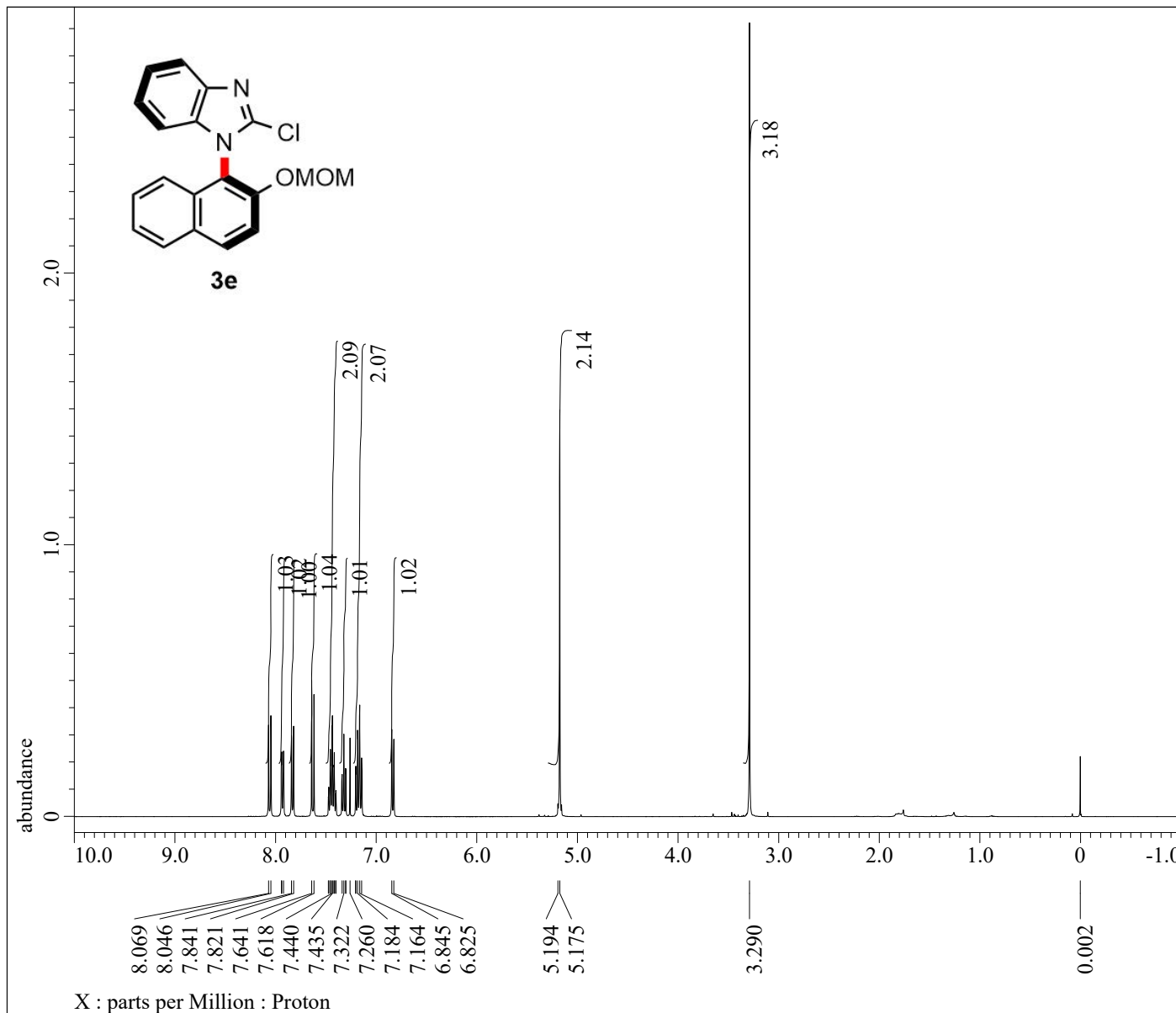
```

Filename           = download (5)-3.
Author            = delta
Experiment        = carbon_auto.jpg
Sample_Id         = MI-BenzImi-Br-N
Solvent           = CHLOROFORM-D
Actual_Start_Time = 14-OCT-2023 03:
Revision_Time     = 18-OCT-2023 21:

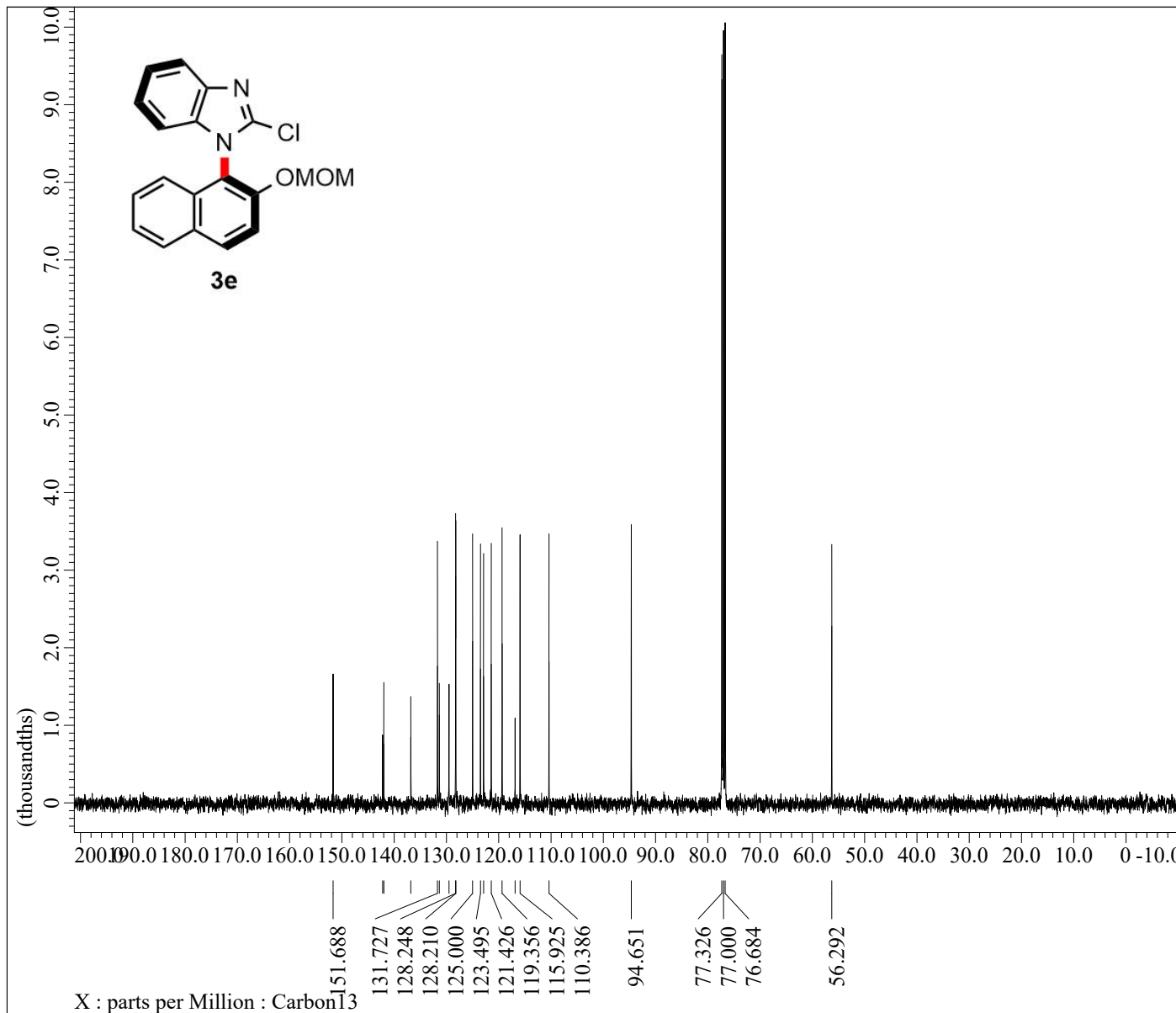
Comment           = MI-BenzImi-Br-N
Data_Format       = 1D COMPLEX
Dim_Size          = 26214
Dim_Title         = Carbon13
Dim_Units         = [ppm]
Dimensions        = X
Spectrometer      = JNM-ECZ400S/L1

Field_Strength    = 9.389766[T] (40
X_Acq_Duration    = 1.03809024[s]
X_Domain          = Carbon13
X_Freq            = 100.52530333[MH
X_Offset          = 100[ppm]
X_Points          = 32768
X_Prescans        = 4
X_Resolution      = 0.96330739[Hz]
X_Sweep           = 31.56565657[kHz
X_Sweep_Clipped   = 25.25252525[kHz
Irr_Domain        = Proton
Irr_Freq          = 399.78219838[MH
Irr_Offset        = 5[ppm]
Blanking          = 5[us]
Clipped           = TRUE
Scans             = 512
Total_Scans       = 512

Relaxation_Delay  = 2[s]
Recvr_Gain        = 50
Temp_Get          = 19.6[dC]
X_90_Width        = 11.8[us]
X_Acq_Time        = 1.03809024[s]
X_Angle           = 30[deg]
X_Atn             = 8[dB]
X_Pulse           = 3.93333333[us]
Irr_Atn_Dec       = 29.152[dB]
Irr_Atn_Dec_Calc  = 29.152[dB]
Irr_Atn_Dec_Default_Calc = 29.152[dB]
Irr_Atn_Noise    = 29.152[dB]
Irr_Dec_Bandwidth_Hz = 4.7826087[kHz]
Irr_Dec_Bandwidth_Ppm = 11.96303566[ppm]
Irr_Dec_Freq      = 399.78219838[MH
Irr_Dec_Merit_Factor = 2.2
Irr_Decoupling    = TRUE
Irr_Noise         = TRUE
Irr_Noise         = WALTZ
  
```



Filename	= MI-5-8-BenzImi-Cl
Author	= delta
Experiment	= proton_auto.jpg
Sample Id	= MI-5-8-BenzImi-Cl
Solvent	= CHLOROFORM-D
Actual_Start_Time	= 7-SEP-2023 10:53:
Revision_Time	= 13-OCT-2023 02:35:
Comment	= MI-5-8-BenzImi-Cl
Data_Format	= 1D COMPLEX
Dim_Size	= 13107
Dim_Title	= Proton
Dim_Units	= [ppm]
Dimensions	= X
Spectrometer	= JNM-ECZ400S/L1
Field_Strength	= 9.389766[T] (400[M
X_Acq_Duration	= 2.18628096[s]
X_Domain	= Proton
X_Freq	= 399.78219838[MHz]
X_Offset	= 5[ppm]
X_Points	= 16384
X_Prescans	= 1
X_Resolution	= 0.45739775[Hz]
X_Sweep	= 7.4940048[kHz]
X_Sweep_Clipped	= 5.99520384[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]
Blanking	= 2[us]
Clipped	= FALSE
Scans	= 8
Total_Scans	= 8
Relaxation_Delay	= 5[s]
Recvr_Gain	= 46
Temp_Get	= 20.7[dC]
X_90_Width	= 8[us]
X_Acq_Time	= 2.18628096[s]
X_Angle	= 45[deg]
X_Atn	= 6[dB]
X_Pulse	= 4[us]
Irr_Mode	= Off
Tri_Mode	= Off
Dante_Loop	= 500
Dante_Presat	= FALSE
Decimation_Rate	= 0
Experiment_Path	= c:\Program Files\J
Initial_Wait	= 1[s]
Phase	= {0, 90, 270, 180,



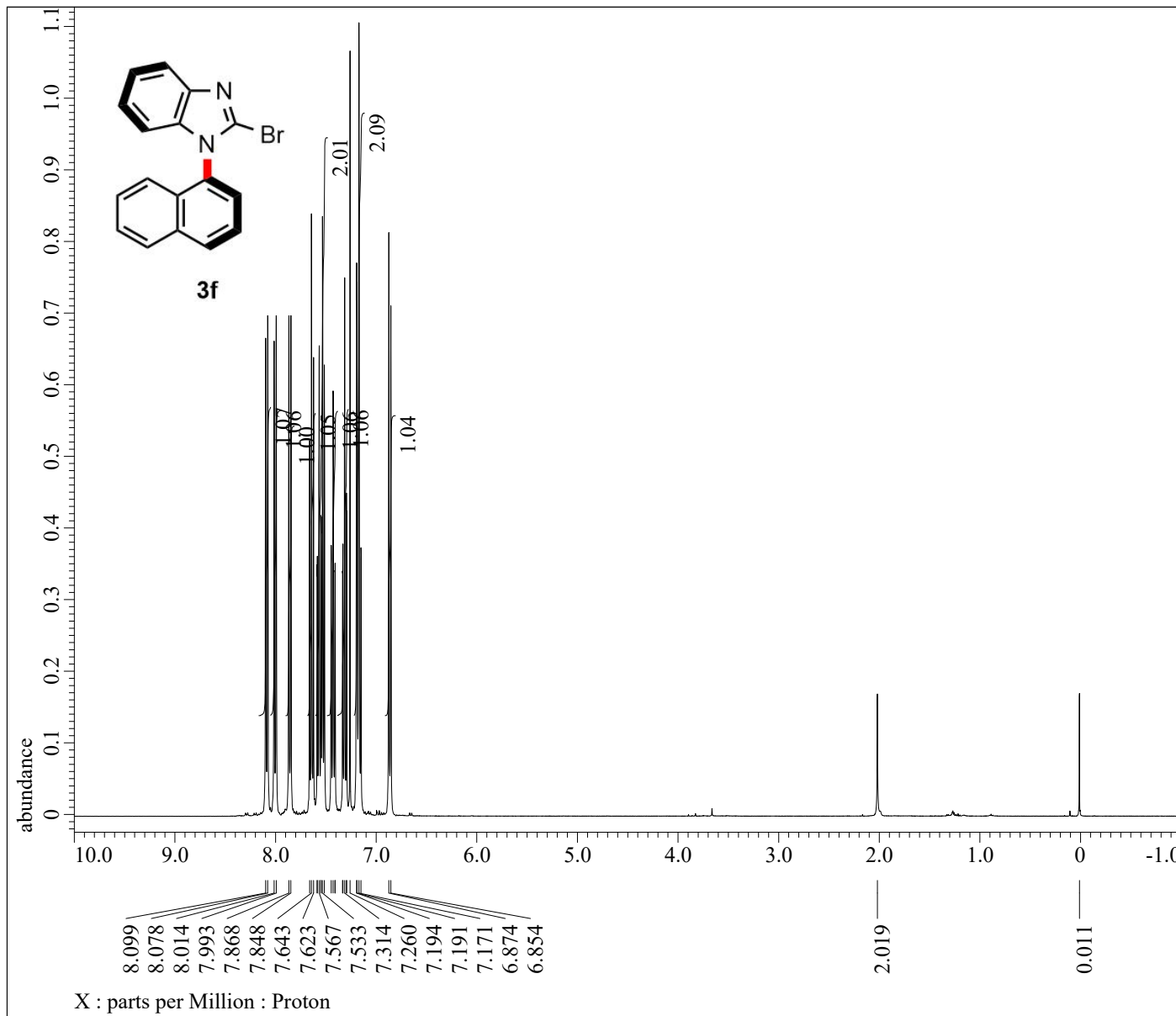
```

Filename           = MI-5-8-chiral-B
Author             = delta
Experiment         = carbon_auto.jpg
Sample_Id         = MI-5-8-chiral-B
Solvent           = CHLOROFORM-D
Actual_Start_Time = 7-SEP-2023 20:
Revision_Time     = 14-OCT-2023 03:

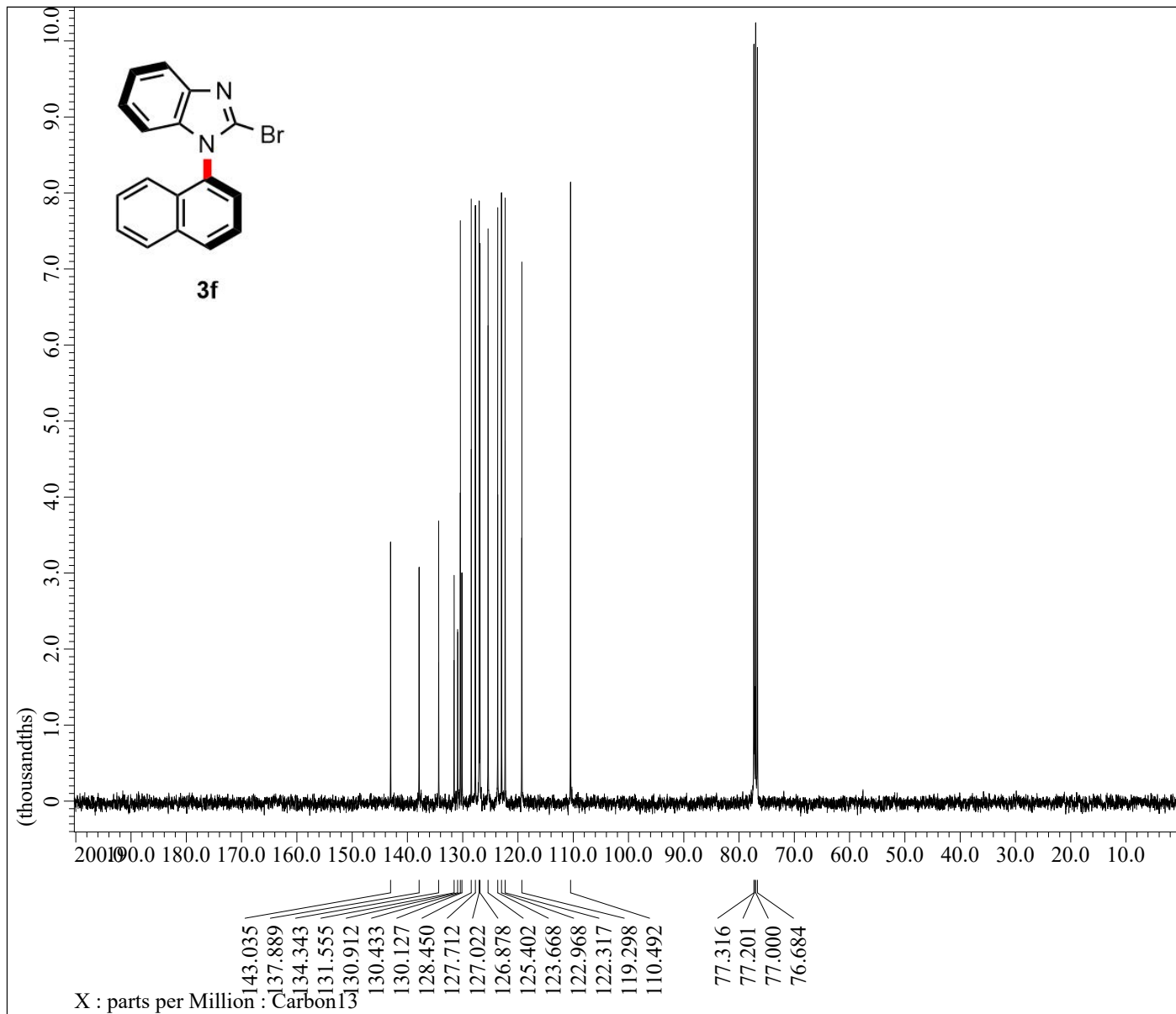
Comment           = MI-5-8-chiral-B
Data_Format       = 1D COMPLEX
Dim_Size          = 26214
Dim_Title         = Carbon13
Dim_Units         = [ppm]
Dimensions        = X
Spectrometer      = JNM-ECZ400S/L1

Field_Strength    = 9.389766[T] (40
X_Acq_Duration    = 1.03809024[s]
X_Domain          = Carbon13
X_Freq            = 100.52530333[MH
X_Offset          = 100[ppm]
X_Points          = 32768
X_Prescans        = 4
X_Resolution      = 0.96330739[Hz]
X_Sweep           = 31.56565657[kHz
X_Sweep_Clipped   = 25.25252525[kHz
Irr_Domain        = Proton
Irr_Freq          = 399.78219838[MH
Irr_Offset        = 5[ppm]
Blanking          = 5[us]
Clipped           = TRUE
Scans             = 256
Total_Scans       = 256

Relaxation_Delay  = 2[s]
Recvr_Gain        = 50
Temp_Get          = 20.7[dC]
X_90_Width        = 11.1[us]
X_Acq_Time        = 1.03809024[s]
X_Angle           = 30[deg]
X_Atn             = 8[dB]
X_Pulse           = 3.7[us]
Irr_Atn_Dec       = 29.152[dB]
Irr_Atn_Dec_Calc = 29.152[dB]
Irr_Atn_Dec_Default_Calc = 29.152[dB]
Irr_Atn_Noise    = 29.152[dB]
Irr_Dec_Bandwidth_Hz = 4.7826087[kHz]
Irr_Dec_Bandwidth_Ppm = 11.96303566[ppm]
Irr_Dec_Freq     = 399.78219838[MH
Irr_Dec_Merit_Factor = 2.2
Irr_Decoupling   = TRUE
Irr_Noise        = TRUE
Irr_Noise        = WALTZ
  
```



Filename	= MI-chiral-BenzImi-
Author	= delta
Experiment	= proton_auto.jpg
Sample Id	= MI-chiral-BenzImi-
Solvent	= CHLOROFORM-D
Actual_Start_Time	= 7-SEP-2023 21:50:
Revision_Time	= 13-OCT-2023 03:20:
Comment	= MI-chiral-BenzImi-
Data_Format	= 1D COMPLEX
Dim_Size	= 13107
Dim_Title	= Proton
Dim_Units	= [ppm]
Dimensions	= X
Spectrometer	= JNM-ECZ400S/L1
Field_Strength	= 9.389766[T] (400[M
X_Acq_Duration	= 2.18628096[s]
X_Domain	= Proton
X_Freq	= 399.78219838[MHz]
X_Offset	= 5[ppm]
X_Points	= 16384
X_Prescans	= 1
X_Resolution	= 0.45739775[Hz]
X_Sweep	= 7.4940048[kHz]
X_Sweep_Clipped	= 5.99520384[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]
Blanking	= 2[us]
Clipped	= FALSE
Scans	= 8
Total_Scans	= 8
Relaxation_Delay	= 5[s]
Recvr_Gain	= 46
Temp_Get	= 20.7[dC]
X_90_Width	= 8[us]
X_Acq_Time	= 2.18628096[s]
X_Angle	= 45[deg]
X_Atn	= 6[dB]
X_Pulse	= 4[us]
Irr_Mode	= Off
Tri_Mode	= Off
Dante_Loop	= 500
Dante_Presat	= FALSE
Decimation_Rate	= 0
Experiment_Path	= c:\Program Files\J
Initial_Wait	= 1[s]
Phase	= {0, 90, 270, 180,



```

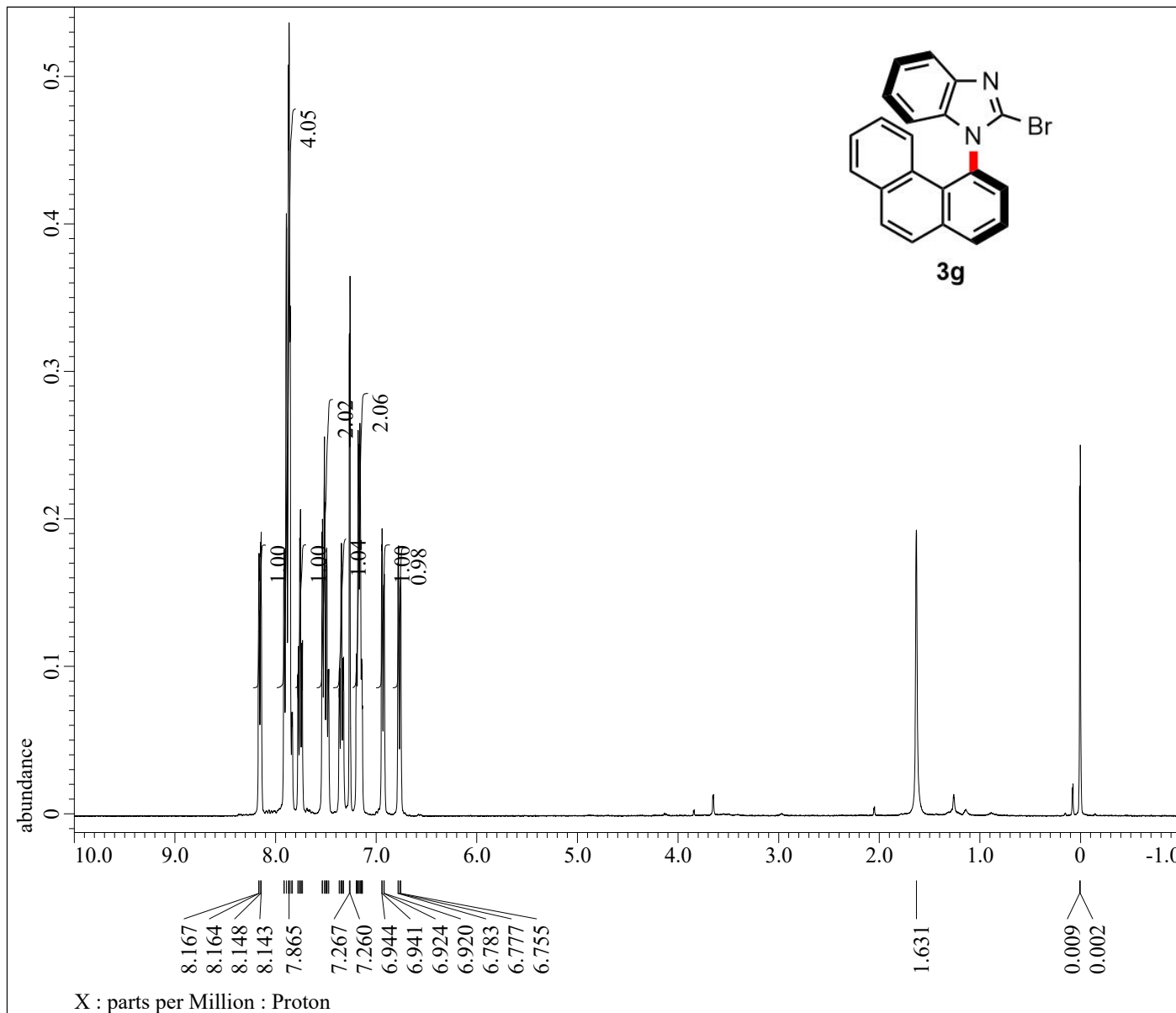
Filename           = MI-chiral-BenzI
Author             = delta
Experiment         = carbon_auto.jpg
Sample_Id          = MI-chiral-BenzI
Solvent            = CHLOROFORM-D
Actual_Start_Time  = 7-SEP-2023 20:
Revision_Time      = 14-OCT-2023 03:

Comment           = MI-chiral-BenzI
Data_Format       = 1D COMPLEX
Dim_Size          = 26214
Dim_Title         = Carbon13
Dim_Units         = [ppm]
Dimensions        = X
Spectrometer      = JNM-ECZ400S/L1

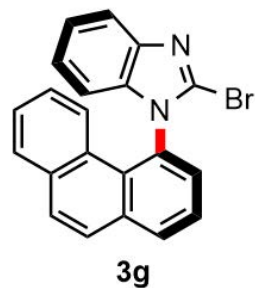
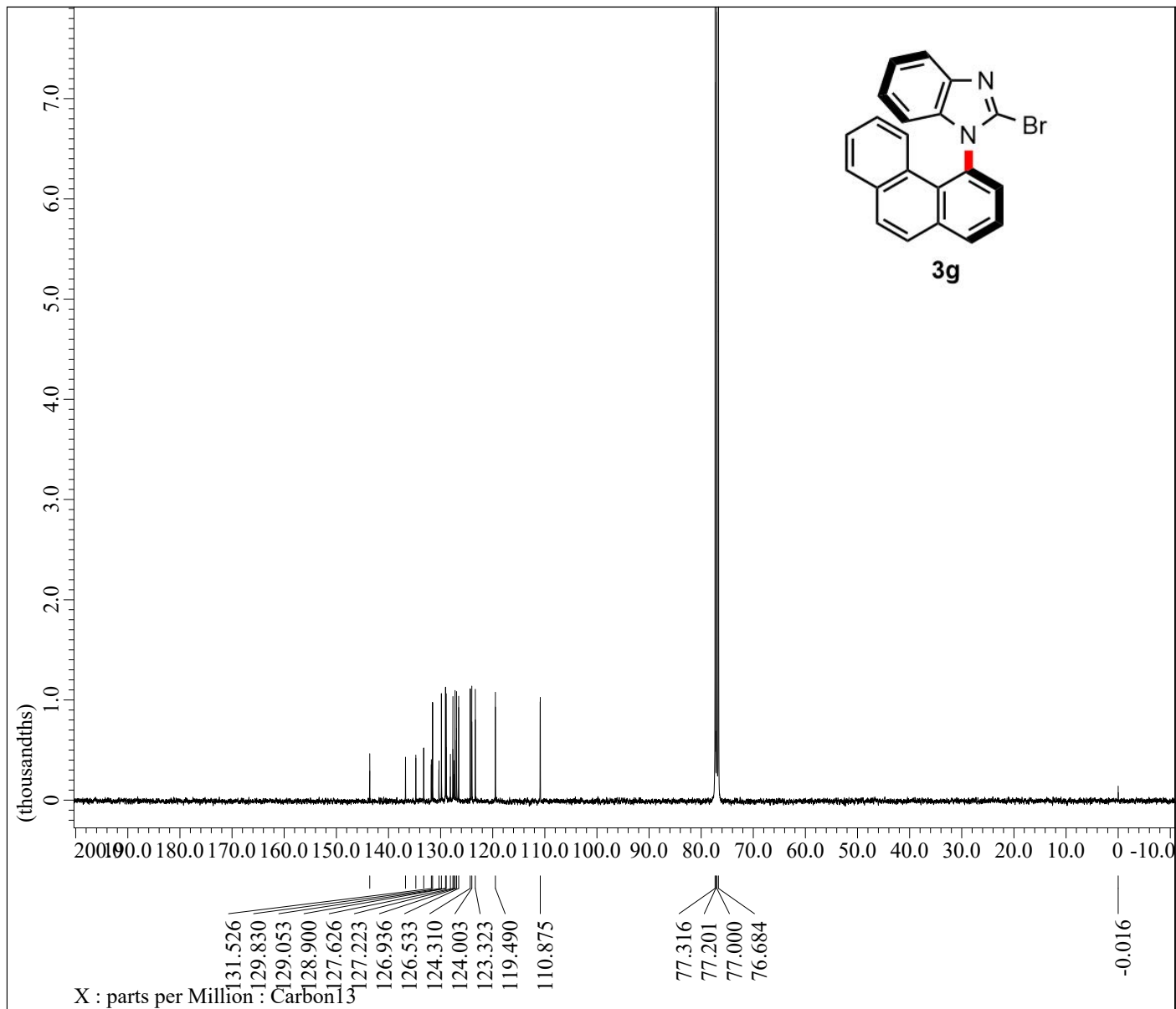
Field_Strength    = 9.389766[T] (40
X_Acq_Duration    = 1.03809024[s]
X_Domain          = Carbon13
X_Freq            = 100.52530333[MH
X_Offset          = 100[ppm]
X_Points          = 32768
X_Prescans        = 4
X_Resolution      = 0.96330739[Hz]
X_Sweep           = 31.56565657[kHz]
X_Sweep_Clipped  = 25.25252525[kHz]
Irr_Domain        = Proton
Irr_Freq          = 399.78219838[MH
Irr_Offset        = 5[ppm]
Blanking          = 5[us]
Clipped           = FALSE
Scans             = 256
Total_Scans       = 256

Relaxation_Delay  = 2[s]
Recvr_Gain        = 50
Temp_Get          = 21[dC]
X_90_Width        = 11.1[us]
X_Acq_Time        = 1.03809024[s]
X_Angle           = 30[deg]
X_Atn             = 8[dB]
X_Pulse           = 3.7[us]
Irr_Atn_Dec       = 29.152[dB]
Irr_Atn_Dec_Calc = 29.152[dB]
Irr_Atn_Dec_Default_Calc = 29.152[dB]
Irr_Atn_Noise    = 29.152[dB]
Irr_Dec_Bandwidth_Hz = 4.7826087[kHz]
Irr_Dec_Bandwidth_Ppm = 11.96303566[ppm]
Irr_Dec_Freq     = 399.78219838[MH
Irr_Dec_Merit_Factor = 2.2
Irr_Decoupling   = TRUE
Irr_Noise        = TRUE
Irr_Noise        = WALTZ

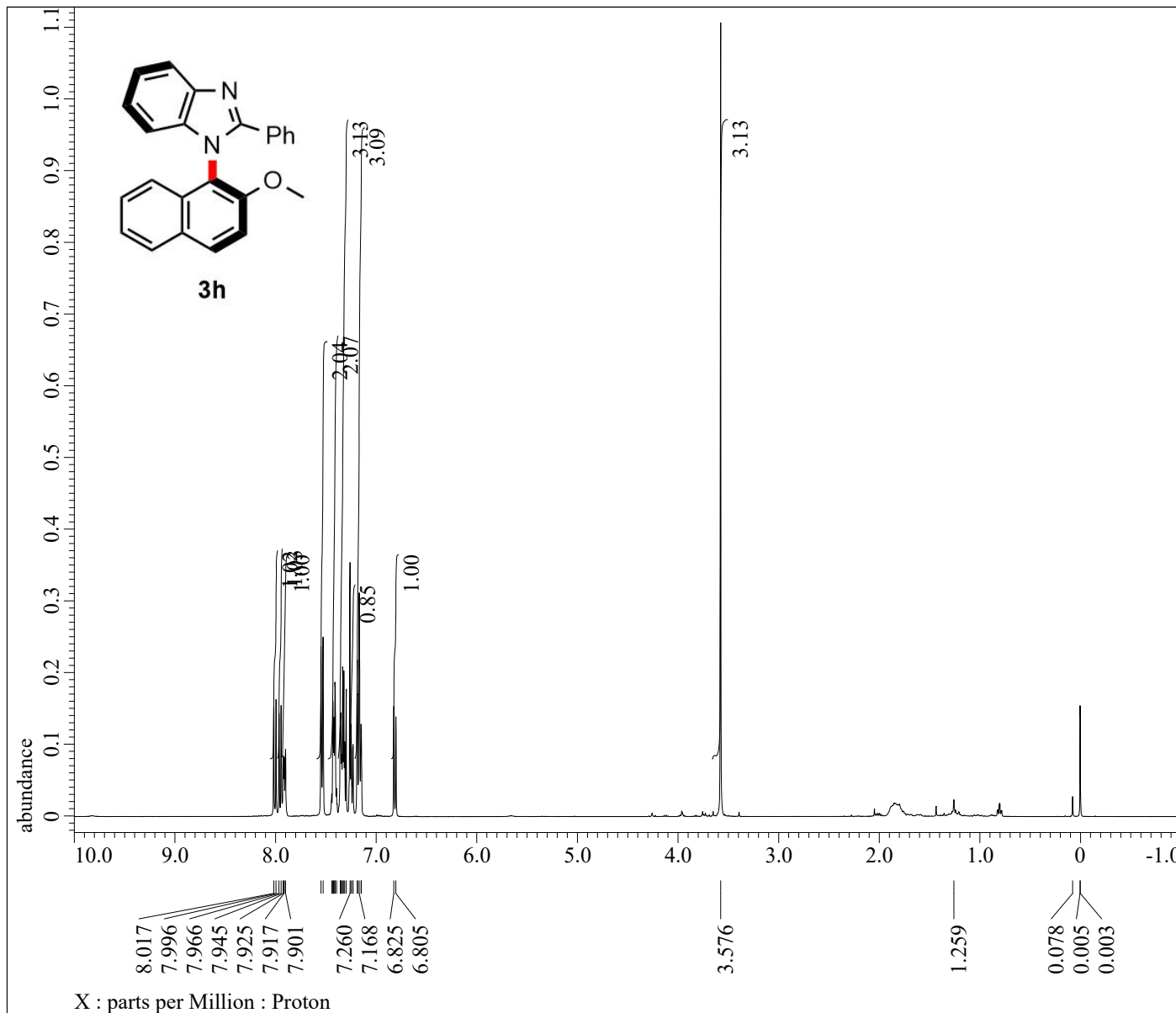
```



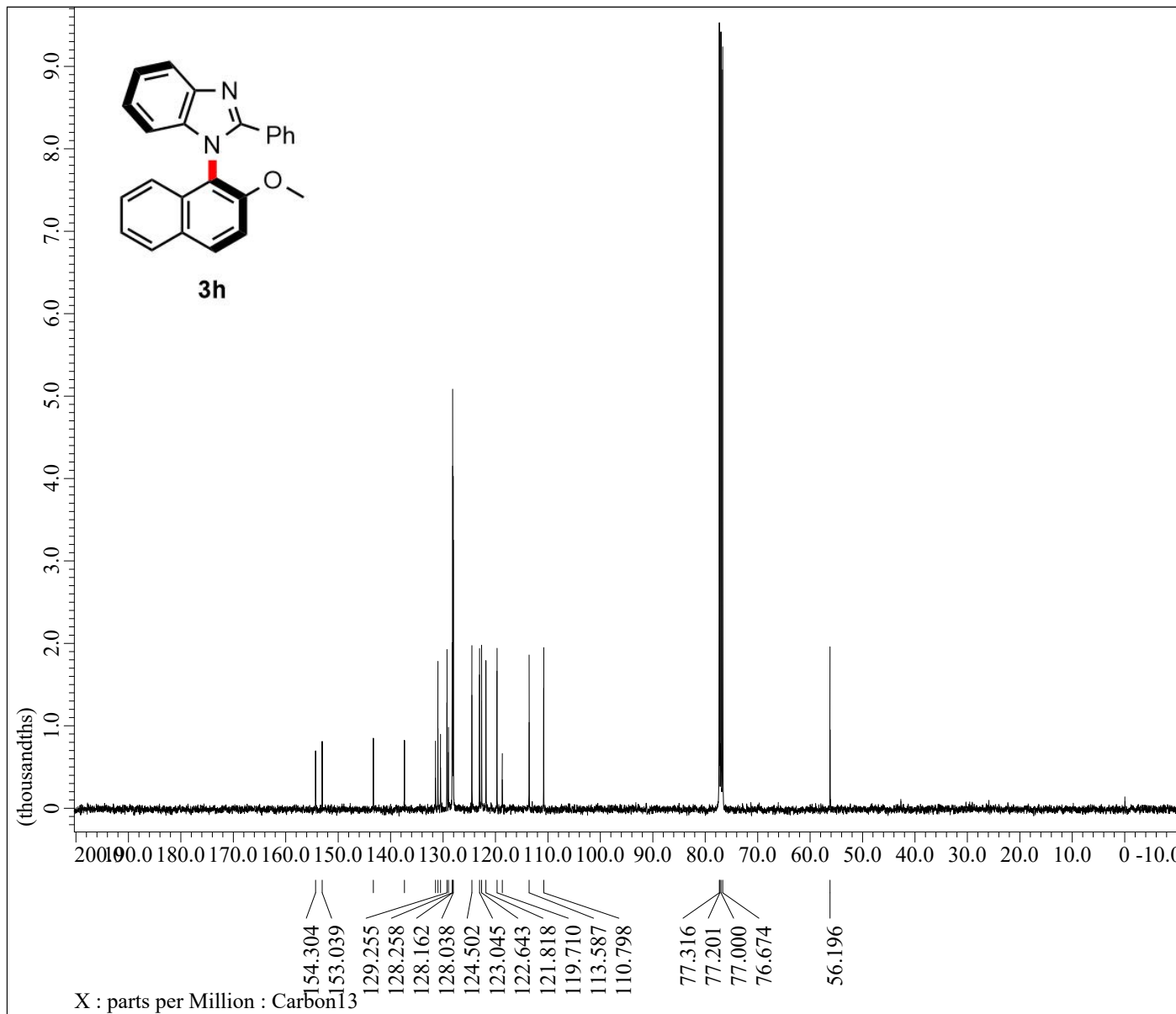
Filename	= MI-5-27-benzImi-Br
Author	= delta
Experiment	= proton_auto.jxp
Sample Id	= MI-5-27-benzImi-Br
Solvent	= CHLOROFORM-D
Actual_Start_Time	= 7-SEP-2023 09:27:
Revision_Time	= 13-OCT-2023 03:36:
Comment	= MI-5-27-benzImi-Br
Data_Format	= 1D COMPLEX
Dim_Size	= 13107
Dim_Title	= Proton
Dim_Units	= [ppm]
Dimensions	= X
Spectrometer	= JNM-ECZ400S/L1
Field_Strength	= 9.389766[T] (400[M
X_Acq_Duration	= 2.18628096[s]
X_Domain	= Proton
X_Freq	= 399.78219838[MHz]
X_Offset	= 5[ppm]
X_Points	= 16384
X_Prescans	= 1
X_Resolution	= 0.45739775[Hz]
X_Sweep	= 7.4940048[kHz]
X_Sweep_Clipped	= 5.99520384[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]
Blanking	= 2[us]
Clipped	= FALSE
Scans	= 8
Total_Scans	= 8
Relaxation_Delay	= 5[s]
Recvr_Gain	= 56
Temp_Get	= 20[dC]
X_90_Width	= 8[us]
X_Acq_Time	= 2.18628096[s]
X_Angle	= 45[deg]
X_Atn	= 6[dB]
X_Pulse	= 4[us]
Irr_Mode	= Off
Tri_Mode	= Off
Dante_Loop	= 500
Dante_Presat	= FALSE
Decimation_Rate	= 0
Experiment_Path	= c:\Program Files\J
Initial_Wait	= 1[s]
Phase	= {0, 90, 270, 180,



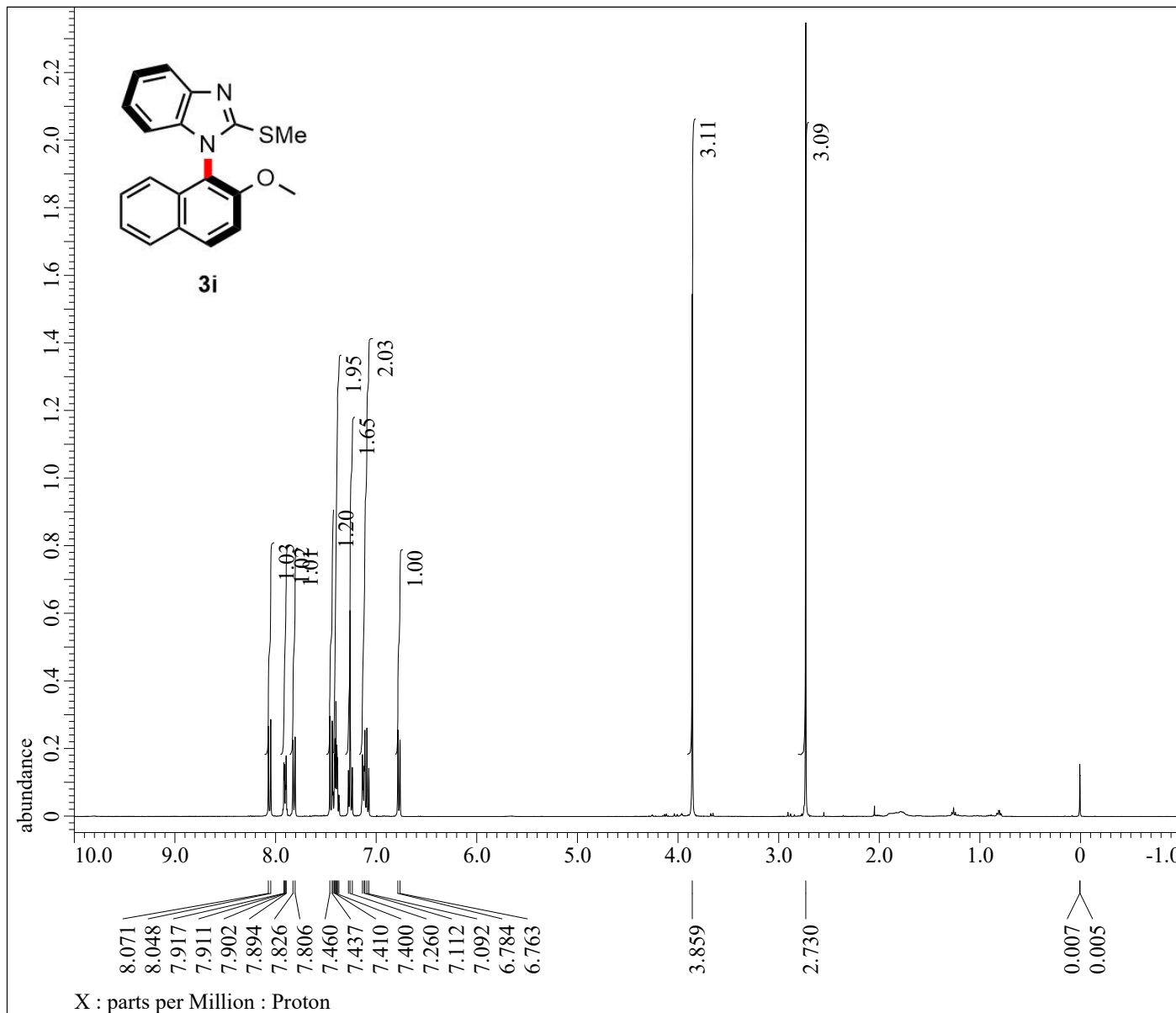
Filename	= MI-5-27-BenzImi
Author	= delta
Experiment	= carbon_auto.jpg
Sample Id	= MI-5-27-BenzImi
Solvent	= CHLOROFORM-D
Actual_Start_Time	= 8-SEP-2023 03:
Revision_Time	= 14-OCT-2023 03:
Comment	= MI-5-27-BenzImi
Data_Format	= 1D COMPLEX
Dim_Size	= 26214
Dim_Title	= Carbon13
Dim_Units	= [ppm]
Dimensions	= X
Spectrometer	= JNM-ECZ400S/L1
Field_Strength	= 9.389766[T] (40
X_Acq_Duration	= 1.03809024[s]
X_Domain	= Carbon13
X_Freq	= 100.52530333[MH
X_Offset	= 100[ppm]
X_Points	= 32768
X_Prescans	= 4
X_Resolution	= 0.96330739[Hz]
X_Sweep	= 31.56565657[kHz
X_Sweep_Clipped	= 25.25252525[kHz
Irr_Domain	= Proton
Irr_Freq	= 399.78219838[MH
Irr_Offset	= 5[ppm]
Blanking	= 5[us]
Clipped	= TRUE
Scans	= 3072
Total_Scans	= 3072
Relaxation_Delay	= 2[s]
Recvr_Gain	= 50
Temp_Get	= 19.6[dC]
X_90_Width	= 11.1[us]
X_Acq_Time	= 1.03809024[s]
X_Angle	= 30[deg]
X_Atn	= 8[dB]
X_Pulse	= 3.7[us]
Irr_Atn_Dec	= 29.152[dB]
Irr_Atn_Dec_Calc	= 29.152[dB]
Irr_Atn_Dec_Default_Calc	= 29.152[dB]
Irr_Atn_No	= 29.152[dB]
Irr_Dec_Bandwidth_Hz	= 4.7826087[kHz]
Irr_Dec_Bandwidth_Ppm	= 11.96303566[ppm
Irr_Dec_Freq	= 399.78219838[MH
Irr_Dec_Merit_Factor	= 2.2
Irr_Decoupling	= TRUE
Irr_No	= TRUE
Irr_Noise	= WALTZ



Filename	= MI-5-30-BenzImi-Ph
Author	= delta
Experiment	= proton_auto.jxp
Sample Id	= MI-5-30-BenzImi-Ph
Solvent	= CHLOROFORM-D
Actual_Start_Time	= 22-SEP-2023 19:44:
Revision_Time	= 13-OCT-2023 04:04:
Comment	= MI-5-30-BenzImi-Ph
Data_Format	= 1D COMPLEX
Dim_Size	= 13107
Dim_Title	= Proton
Dim_Units	= [ppm]
Dimensions	= X
Spectrometer	= JNM-ECZ400S/L1
Field_Strength	= 9.389766[T] (400[M
X_Acq_Duration	= 2.18628096[s]
X_Domain	= Proton
X_Freq	= 399.78219838[MHz]
X_Offset	= 5[ppm]
X_Points	= 16384
X_Prescans	= 1
X_Resolution	= 0.45739775[Hz]
X_Sweep	= 7.4940048[kHz]
X_Sweep_Clipped	= 5.99520384[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]
Blanking	= 2[us]
Clipped	= FALSE
Scans	= 8
Total_Scans	= 8
Relaxation_Delay	= 5[s]
Recvr_Gain	= 46
Temp_Get	= 18.3[dC]
X_90_Width	= 8[us]
X_Acq_Time	= 2.18628096[s]
X_Angle	= 45[deg]
X_Atn	= 6[dB]
X_Pulse	= 4[us]
Irr_Mode	= Off
Tri_Mode	= Off
Dante_Loop	= 500
Dante_Presat	= FALSE
Decimation_Rate	= 0
Experiment_Path	= c:\Program Files\J
Initial_Wait	= 1[s]
Phase	= {0, 90, 270, 180,



Filename	= MI-5-30-BenzImi
Author	= delta
Experiment	= carbon_auto.jpg
Sample Id	= MI-5-30-BenzImi
Solvent	= CHLOROFORM-D
Actual_Start_Time	= 7-SEP-2023 23:
Revision_Time	= 14-OCT-2023 03:
Comment	= MI-5-30-BenzImi
Data_Format	= 1D COMPLEX
Dim_Size	= 26214
Dim_Title	= Carbon13
Dim_Units	= [ppm]
Dimensions	= X
Spectrometer	= JNM-ECZ400S/L1
Field_Strength	= 9.389766[T] (40
X_Acq_Duration	= 1.03809024[s]
X_Domain	= Carbon13
X_Freq	= 100.52530333[MH
X_Offset	= 100[ppm]
X_Points	= 32768
X_Prescans	= 4
X_Resolution	= 0.96330739[Hz]
X_Sweep	= 31.56565657[kHz
X_Sweep_Clipped	= 25.25252525[kHz
Irr_Domain	= Proton
Irr_Freq	= 399.78219838[MH
Irr_Offset	= 5[ppm]
Blanking	= 5[us]
Clipped	= TRUE
Scans	= 1024
Total_Scans	= 1024
Relaxation_Delay	= 2[s]
Recvr_Gain	= 50
Temp_Get	= 20.5[dC]
X_90_Width	= 11.1[us]
X_Acq_Time	= 1.03809024[s]
X_Angle	= 30[deg]
X_Atn	= 8[dB]
X_Pulse	= 3.7[us]
Irr_Atn_Dec	= 29.152[dB]
Irr_Atn_Dec_Calc	= 29.152[dB]
Irr_Atn_Dec_Default_Calc	= 29.152[dB]
Irr_Atn_No	= 29.152[dB]
Irr_Dec_Bandwidth_Hz	= 4.7826087[kHz]
Irr_Dec_Bandwidth_Ppm	= 11.96303566[ppm
Irr_Dec_Freq	= 399.78219838[MH
Irr_Dec_Merit_Factor	= 2.2
Irr_Decoupling	= TRUE
Irr_No	= TRUE
Irr_Noise	= WALTZ



```

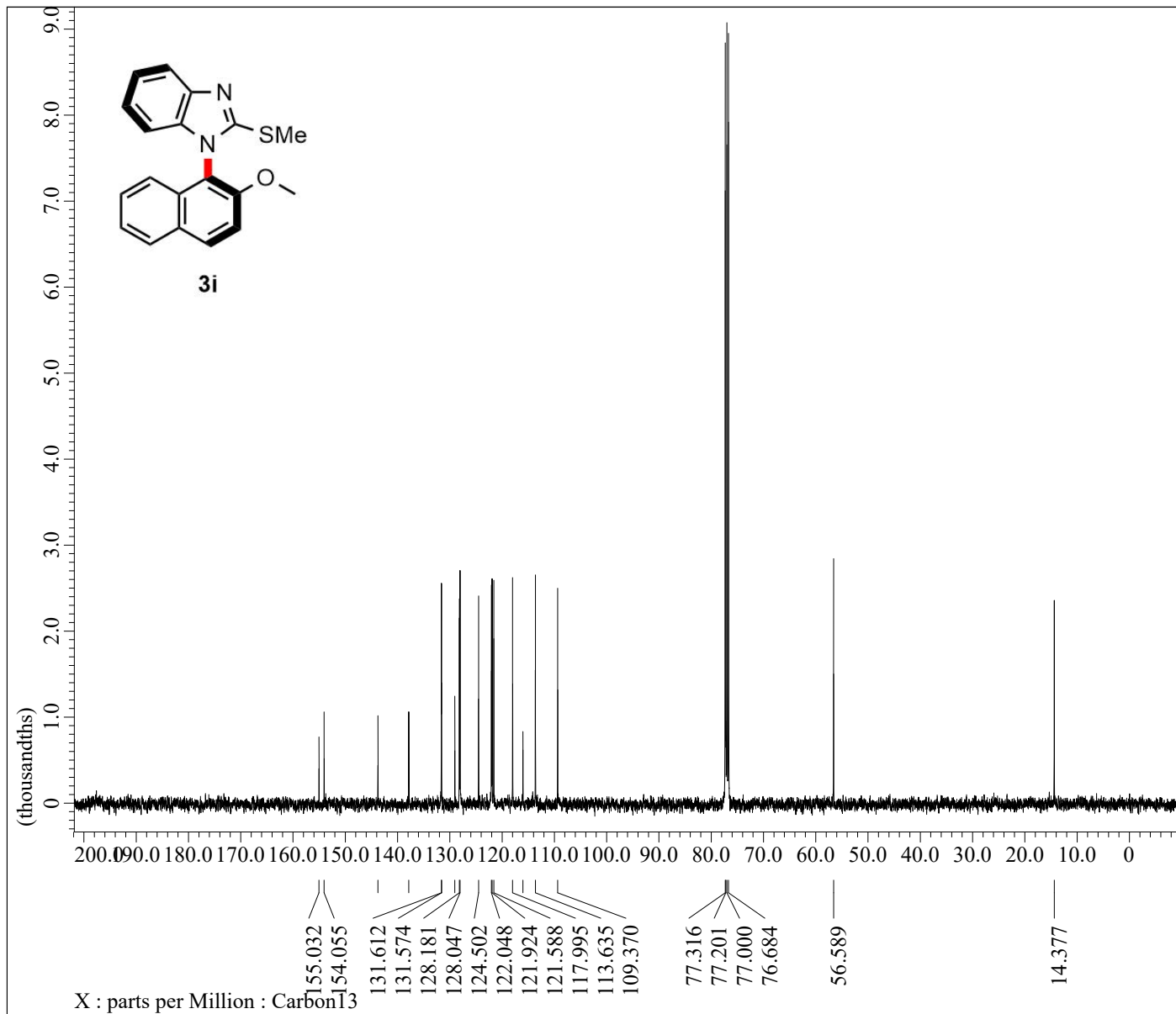
Filename      = RA-BenzImi-SMe-Nap
Author       = delta
Experiment   = proton_auto.jxp
Sample Id    = RA-BenzImi-SMe-Nap
Solvent      = CHLOROFORM-D
Actual_Start_Time = 7-SEP-2023 18:51:
Revision_Time = 13-OCT-2023 04:25:

Comment      = RA-BenzImi-SMe-Nap
Data_Format  = 1D COMPLEX
Dim_Size     = 13107
Dim_Title    = Proton
Dim_Units    = [ppm]
Dimensions   = X
Spectrometer = JNM-ECZ400S/L1

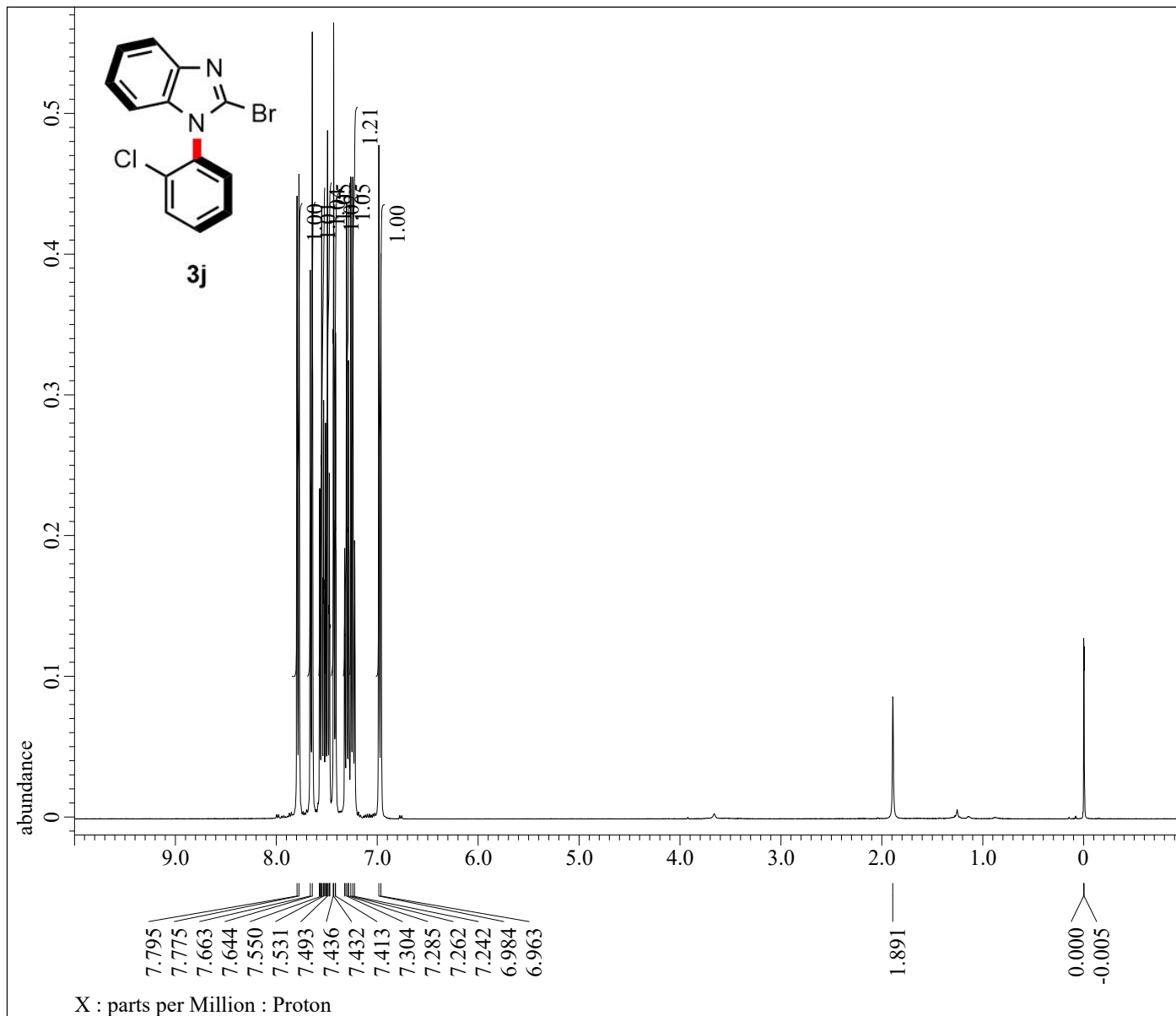
Field_Strength = 9.389766[T] (400[M
X_Acq_Duration = 2.18628096[s]
X_Domain       = Proton
X_Freq         = 399.78219838[MHz]
X_Offset       = 5[ppm]
X_Points       = 16384
X_Prescans     = 1
X_Resolution   = 0.45739775[Hz]
X_Sweep        = 7.4940048[kHz]
X_Sweep_Clipped = 5.99520384[kHz]
Irr_Domain     = Proton
Irr_Freq       = 399.78219838[MHz]
Irr_Offset     = 5[ppm]
Tri_Domain     = Proton
Tri_Freq       = 399.78219838[MHz]
Tri_Offset     = 5[ppm]
Blanking       = 2[us]
Clipped        = FALSE
Scans          = 8
Total_Scans    = 8

Relaxation_Delay = 5[s]
Recvr_Gain       = 46
Temp_Get         = 21.1[dC]
X_90_Width      = 8[us]
X_Acq_Time      = 2.18628096[s]
X_Angle         = 45[deg]
X_Atn           = 6[dB]
X_Pulse         = 4[us]
Irr_Mode        = Off
Tri_Mode        = Off
Dante_Loop      = 500
Dante_Presat    = FALSE
Decimation_Rate = 0
Experiment_Path = c:\Program Files\J
Initial_Wait    = 1[s]
Phase           = {0, 90, 270, 180,

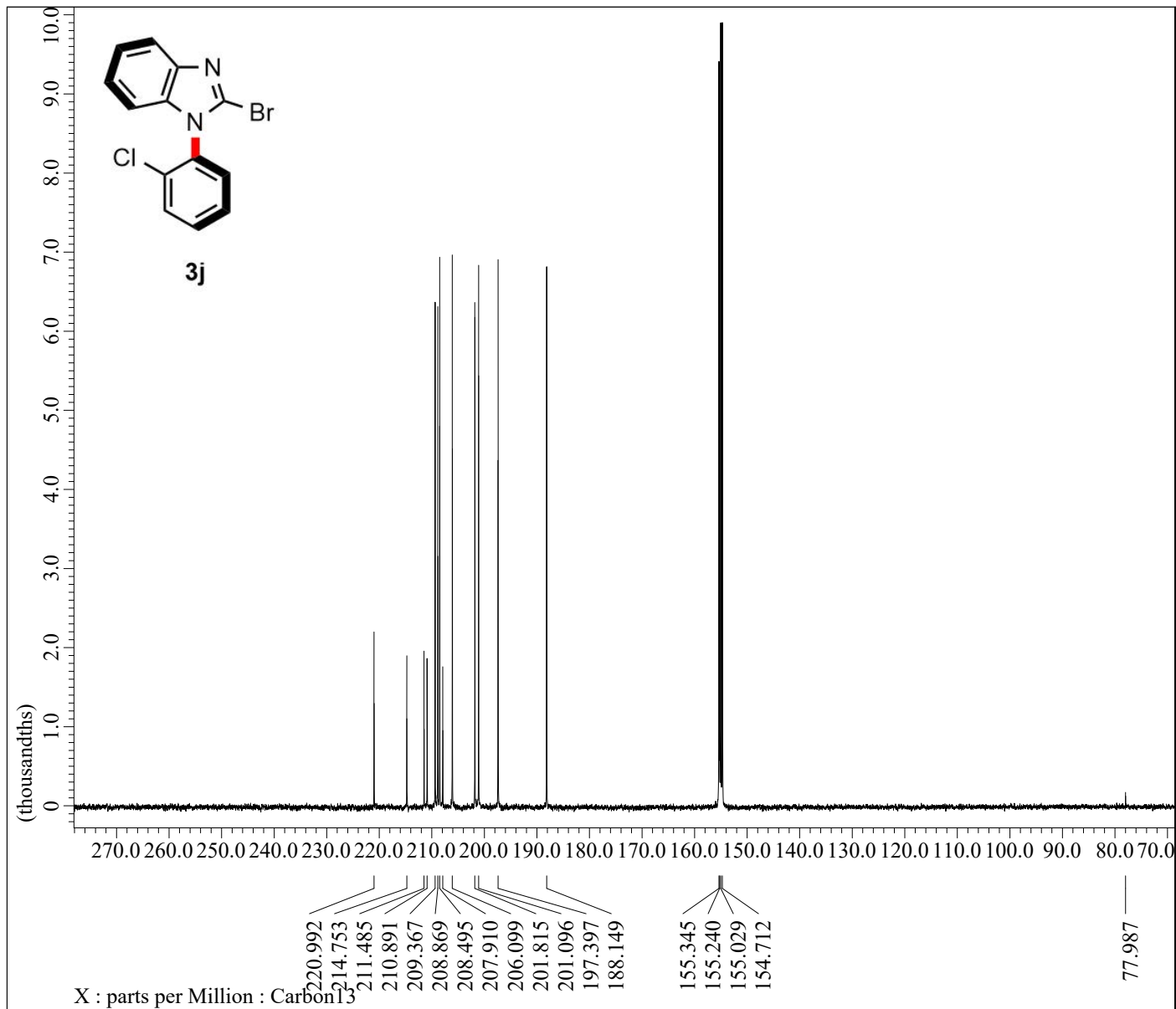
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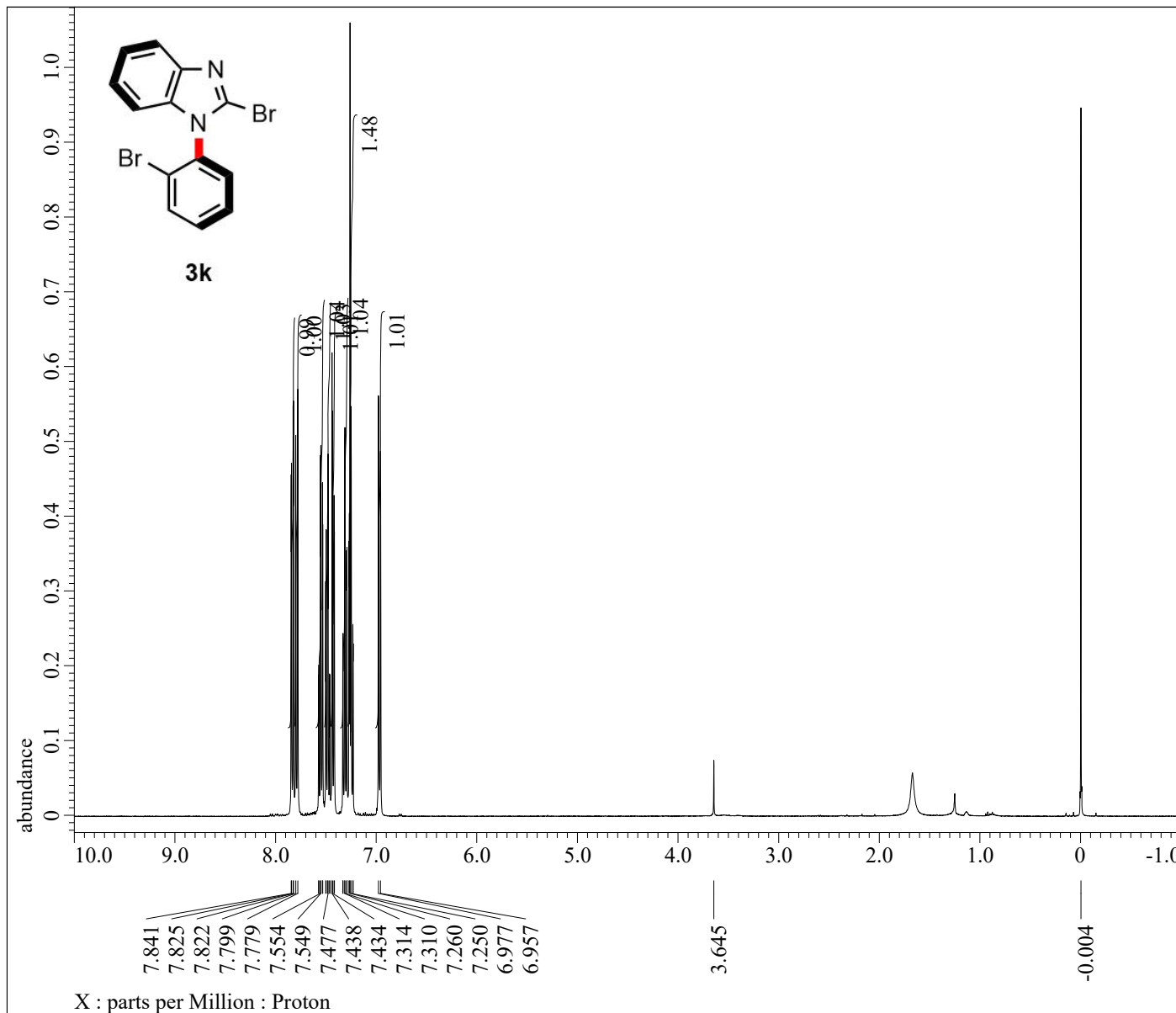
Filename	= RA-chiral-BenzI
Author	= delta
Experiment	= carbon_auto.jpg
Sample Id	= RA-chiral-BenzI
Solvent	= CHLOROFORM-D
Actual_Start_Time	= 7-SEP-2023 21:
Revision_Time	= 14-OCT-2023 03:
Comment	= RA-chiral-BenzI
Data_Format	= 1D COMPLEX
Dim_Size	= 26214
Dim_Title	= Carbon13
Dim_Units	= [ppm]
Dimensions	= X
Spectrometer	= JNM-ECZ400S/L1
Field_Strength	= 9.389766[T] (40
X_Acq_Duration	= 1.03809024[s]
X_Domain	= Carbon13
X_Freq	= 100.52530333[MH
X_Offset	= 100[ppm]
X_Points	= 32768
X_Prescans	= 4
X_Resolution	= 0.96330739[Hz]
X_Sweep	= 31.56565657[kHz
X_Sweep_Clipped	= 25.25252525[kHz
Irr_Domain	= Proton
Irr_Freq	= 399.78219838[MH
Irr_Offset	= 5[ppm]
Blanking	= 5[us]
Clipped	= TRUE
Scans	= 384
Total_Scans	= 384
Relaxation_Delay	= 2[s]
Recvr_Gain	= 50
Temp_Get	= 20.8[dC]
X_90_Width	= 11.1[us]
X_Acq_Time	= 1.03809024[s]
X_Angle	= 30[deg]
X_Atn	= 8[dB]
X_Pulse	= 3.7[us]
Irr_Atn_Dec	= 29.152[dB]
Irr_Atn_Dec_Calc	= 29.152[dB]
Irr_Atn_Dec_Default_Calc	= 29.152[dB]
Irr_Atn_No	= 29.152[dB]
Irr_Dec_Bandwidth_Hz	= 4.7826087[kHz]
Irr_Dec_Bandwidth_Ppm	= 11.96303566[ppm
Irr_Dec_Freq	= 399.78219838[MH
Irr_Dec_Merit_Factor	= 2.2
Irr_Decoupling	= TRUE
Irr_No	= TRUE
Irr_Noise	= WALTZ



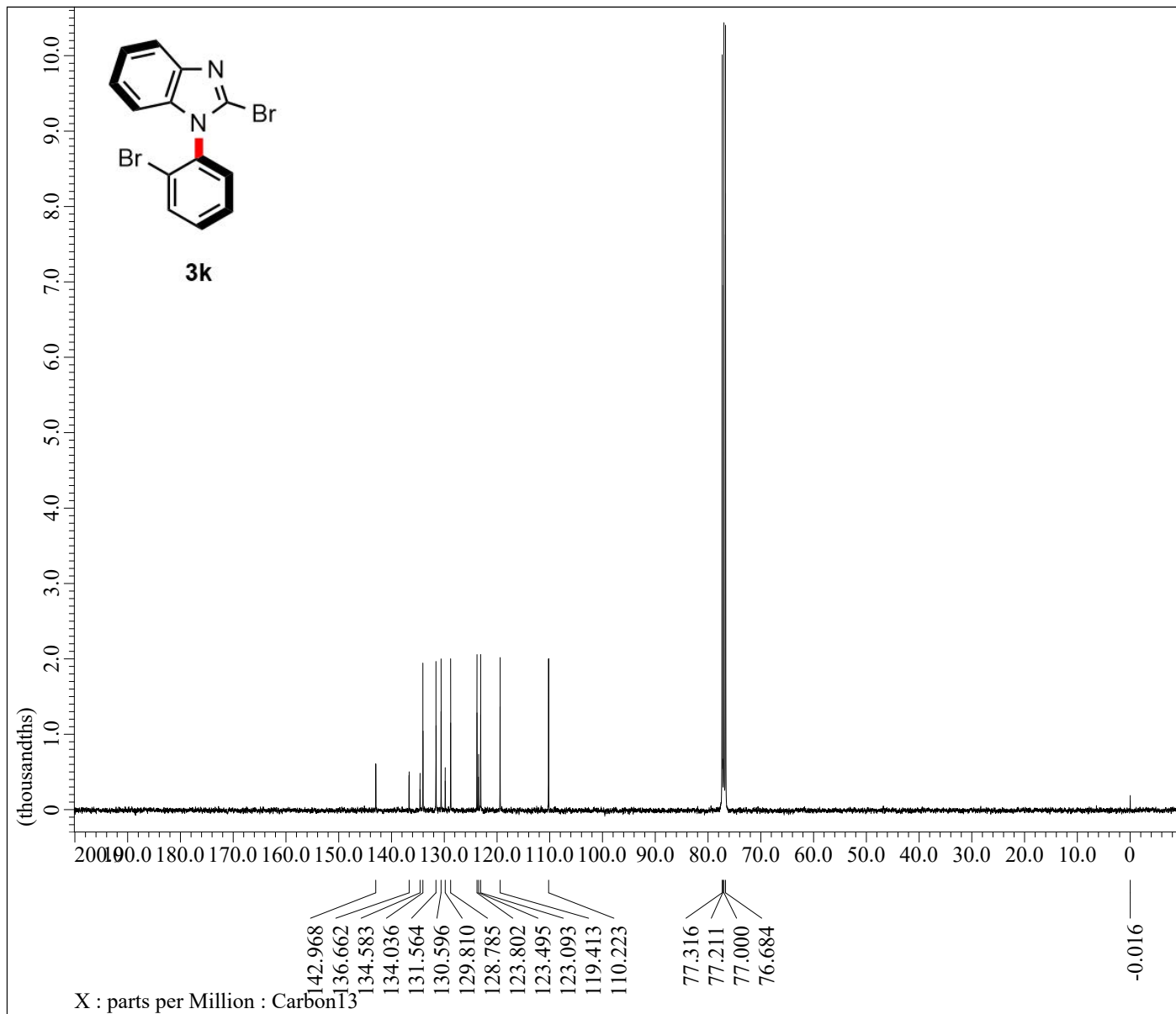
Filename	= MI-4-112-chiral-be
Author	= delta
Experiment	= proton_auto.jpg
Sample Id	= MI-4-112-chiral-be
Solvent	= CHLOROFORM-D
Actual_Start_Time	= 18-APR-2023 18:42:
Revision_Time	= 13-OCT-2023 15:43:
Comment	= MI-4-112-chiral-be
Data_Format	= 1D COMPLEX
Dim_Size	= 13107
Dim_Title	= Proton
Dim_Units	= [ppm]
Dimensions	= X
Spectrometer	= JNM-ECZ400S/L1
Field_Strength	= 9.389766[T] (400[M
X_Acq_Duration	= 2.18628096[s]
X_Domain	= Proton
X_Freq	= 399.78219838[MHz]
X_Offset	= 5[ppm]
X_Points	= 16384
X_Prescans	= 1
X_Resolution	= 0.45739775[Hz]
X_Sweep	= 7.4940048[kHz]
X_Sweep_Clipped	= 5.99520384[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]
Blanking	= 2[us]
Clipped	= FALSE
Scans	= 8
Total_Scans	= 8
Relaxation_Delay	= 5[s]
Recvr_Gain	= 46
Temp_Get	= 18.3[dC]
X_90_Width	= 8[us]
X_Acq_Time	= 2.18628096[s]
X_Angle	= 45[deg]
X_Atn	= 6[dB]
X_Pulse	= 4[us]
Irr_Mode	= Off
Tri_Mode	= Off
Dante_Loop	= 500
Dante_Presat	= FALSE
Decimation_Rate	= 0
Experiment_Path	= c:\Program Files\J
Initial_Wait	= 1[s]
Phase	= {0, 90, 270, 180,



Filename	= MI-4-112-chiral
Author	= delta
Experiment	= carbon_auto.jpg
Sample Id	= MI-4-112-chiral
Solvent	= CHLOROFORM-D
Actual_Start_Time	= 18-APR-2023 22:
Revision_Time	= 14-OCT-2023 03:
Comment	= MI-4-112-chiral
Data_Format	= 1D COMPLEX
Dim_Size	= 26214
Dim_Title	= Carbon13
Dim_Units	= [ppm]
Dimensions	= X
Spectrometer	= JNM-ECZ400S/L1
Field_Strength	= 9.389766[T] (40
X_Acq_Duration	= 1.03809024[s]
X_Domain	= Carbon13
X_Freq	= 100.52530333[MH
X_Offset	= 100[ppm]
X_Points	= 32768
X_Prescans	= 4
X_Resolution	= 0.96330739[Hz]
X_Sweep	= 31.56565657[kHz
X_Sweep_Clipped	= 25.25252525[kHz
Irr_Domain	= Proton
Irr_Freq	= 399.78219838[MH
Irr_Offset	= 5[ppm]
Blanking	= 5[us]
Clipped	= TRUE
Scans	= 2400
Total_Scans	= 2400
Relaxation_Delay	= 2[s]
Recvr_Gain	= 50
Temp_Get	= 17.5[dC]
X_90_Width	= 11.1[us]
X_Acq_Time	= 1.03809024[s]
X_Angle	= 30[deg]
X_Atn	= 8[dB]
X_Pulse	= 3.7[us]
Irr_Atn_Dec	= 29.152[dB]
Irr_Atn_Dec_Calc	= 29.152[dB]
Irr_Atn_Dec_Default_Calc	= 29.152[dB]
Irr_Atn_No	= 29.152[dB]
Irr_Dec_Bandwidth_Hz	= 4.7826087[kHz]
Irr_Dec_Bandwidth_Ppm	= 11.96303566[ppm
Irr_Dec_Freq	= 399.78219838[MH
Irr_Dec_Merit_Factor	= 2.2
Irr_Decoupling	= TRUE
Irr_No	= TRUE
Irr_Noise	= WALTZ



Filename	= YK-1-39--chiral-h
Author	= delta
Experiment	= proton_auto.jxp
Sample Id	= YK-1-39--chiral-h
Solvent	= CHLOROFORM-D
Actual_Start_Time	= 18-APR-2023 18:29:
Revision_Time	= 13-OCT-2023 19:42:
Comment	= YK-1-39--chiral-h
Data_Format	= 1D COMPLEX
Dim_Size	= 13107
Dim_Title	= Proton
Dim_Units	= [ppm]
Dimensions	= X
Spectrometer	= JNM-ECZ400S/L1
Field_Strength	= 9.389766[T] (400[M
X_Acq_Duration	= 2.18628096[s]
X_Domain	= Proton
X_Freq	= 399.78219838[MHz]
X_Offset	= 5[ppm]
X_Points	= 16384
X_Prescans	= 1
X_Resolution	= 0.45739775[Hz]
X_Sweep	= 7.4940048[kHz]
X_Sweep_Clipped	= 5.99520384[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]
Blanking	= 2[us]
Clipped	= FALSE
Scans	= 8
Total_Scans	= 8
Relaxation_Delay	= 5[s]
Recvr_Gain	= 56
Temp_Get	= 17.4[dC]
X_90_Width	= 8[us]
X_Acq_Time	= 2.18628096[s]
X_Angle	= 45[deg]
X_Atn	= 6[dB]
X_Pulse	= 4[us]
Irr_Mode	= Off
Tri_Mode	= Off
Dante_Loop	= 500
Dante_Presat	= FALSE
Decimation_Rate	= 0
Experiment_Path	= c:\Program Files\J
Initial_Wait	= 1[s]
Phase	= {0, 90, 270, 180,



```

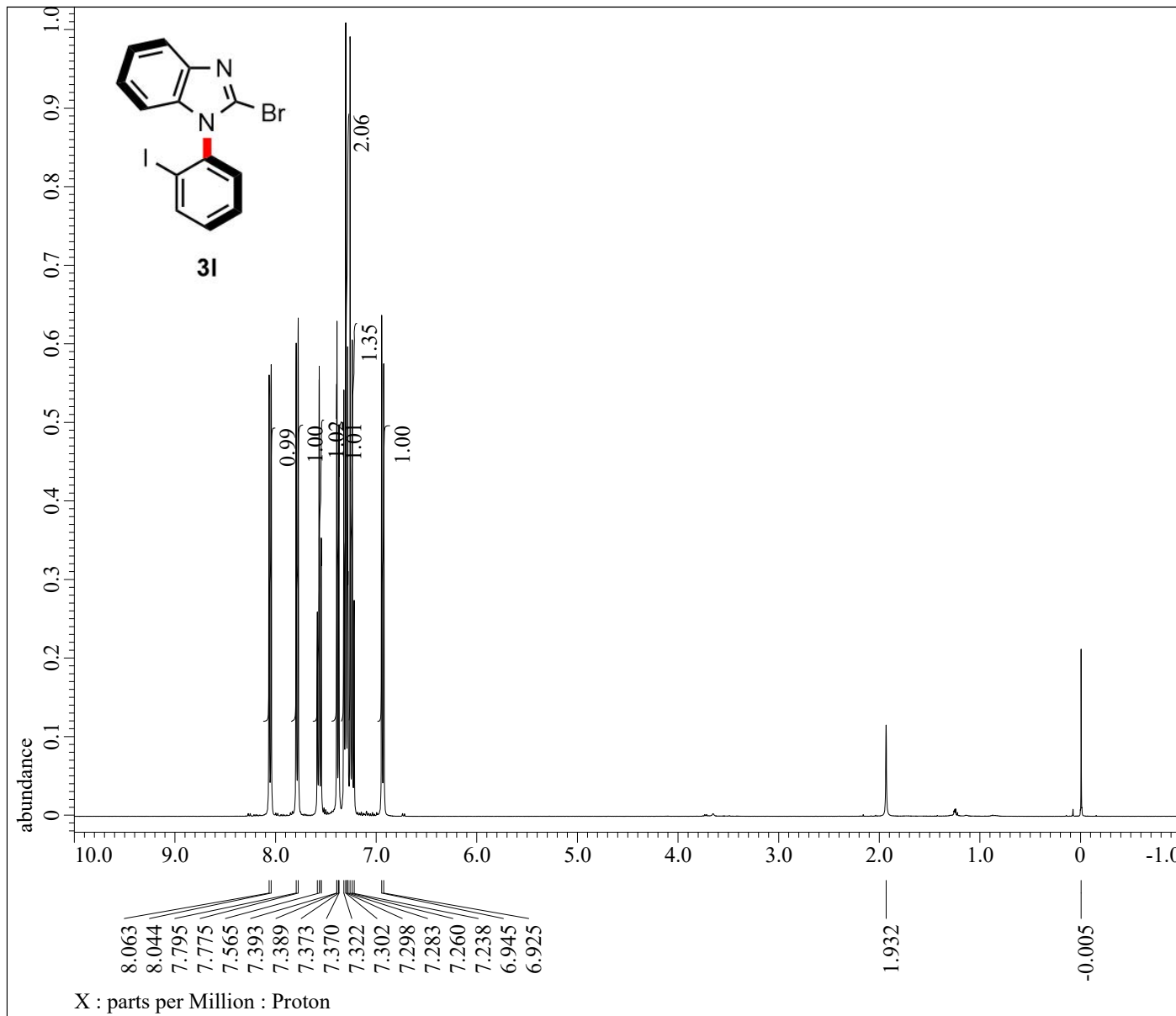
Filename           = YK-1-39-chiral
Author             = delta
Experiment         = carbon_auto.jpg
Sample_Id          = YK-1-39-chiral
Solvent            = CHLOROFORM-D
Actual_Start_Time  = 19-APR-2023 01:
Revision_Time      = 14-OCT-2023 03:

Comment           = YK-1-39-chiral
Data_Format       = 1D COMPLEX
Dim_Size          = 26214
Dim_Title         = Carbon13
Dim_Units         = [ppm]
Dimensions        = X
Spectrometer      = JNM-ECZ400S/L1

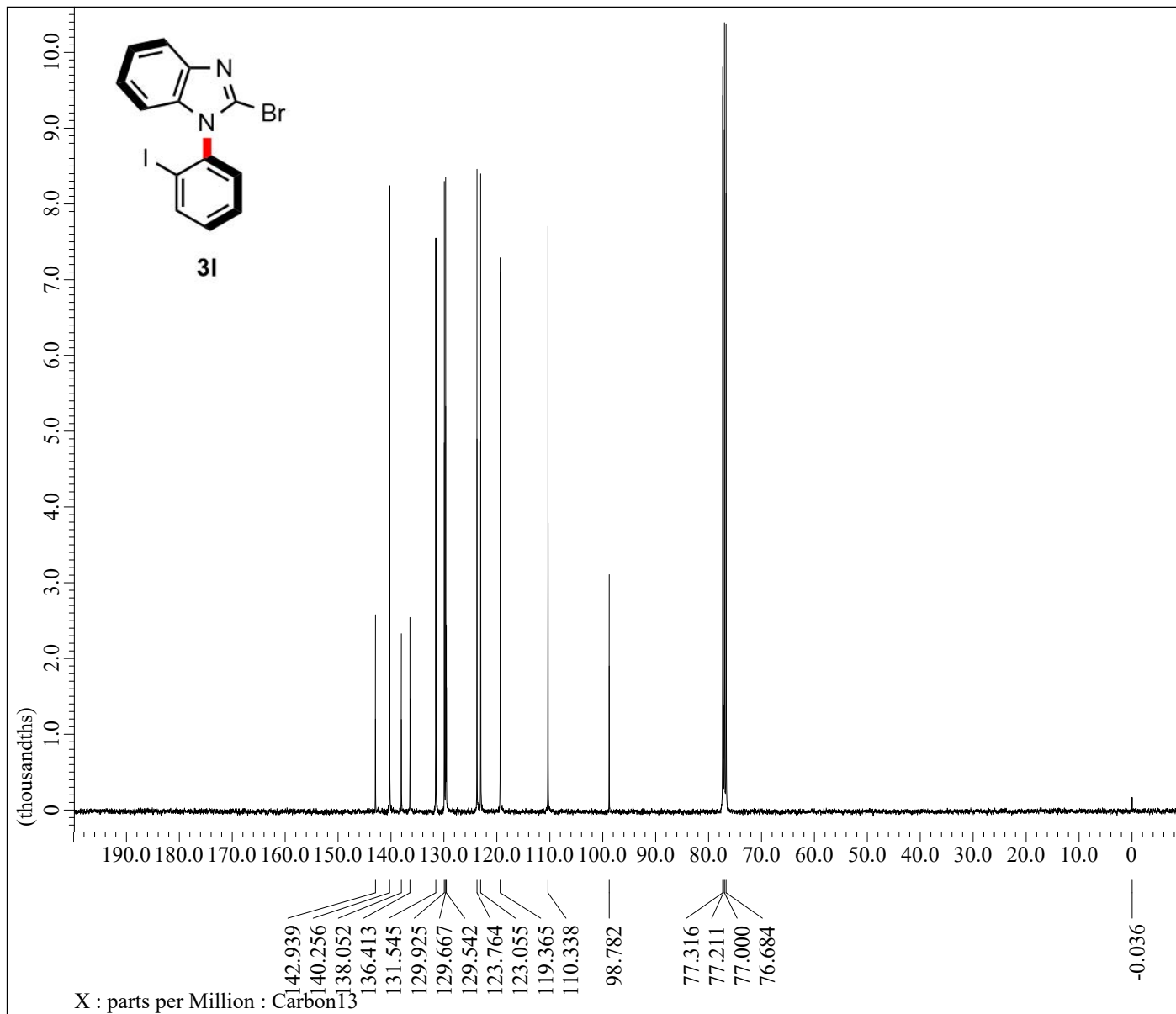
Field_Strength    = 9.389766[T] (40
X_Acq_Duration    = 1.03809024[s]
X_Domain          = Carbon13
X_Freq            = 100.52530333[MH
X_Offset          = 100[ppm]
X_Points          = 32768
X_Prescans        = 4
X_Resolution      = 0.96330739[Hz]
X_Sweep           = 31.56565657[kHz]
X_Sweep_Clipped  = 25.25252525[kHz]
Irr_Domain        = Proton
Irr_Freq          = 399.78219838[MH
Irr_Offset        = 5[ppm]
Blanking          = 5[us]
Clipped           = TRUE
Scans             = 2400
Total_Scans       = 2400

Relaxation_Delay  = 2[s]
Recvr_Gain        = 50
Temp_Get          = 17.4[dC]
X_90_Width        = 11.1[us]
X_Acq_Time        = 1.03809024[s]
X_Angle           = 30[deg]
X_Atn             = 8[dB]
X_Pulse           = 3.7[us]
Irr_Atn_Dec       = 29.152[dB]
Irr_Atn_Dec_Calc = 29.152[dB]
Irr_Atn_Dec_Default_Calc = 29.152[dB]
Irr_Atn_Noise    = 29.152[dB]
Irr_Dec_Bandwidth_Hz = 4.7826087[kHz]
Irr_Dec_Bandwidth_Ppm = 11.96303566[ppm]
Irr_Dec_Freq      = 399.78219838[MH
Irr_Dec_Merit_Factor = 2.2
Irr_Decoupling   = TRUE
Irr_Noise         = TRUE
Irr_Noise         = WALTZ

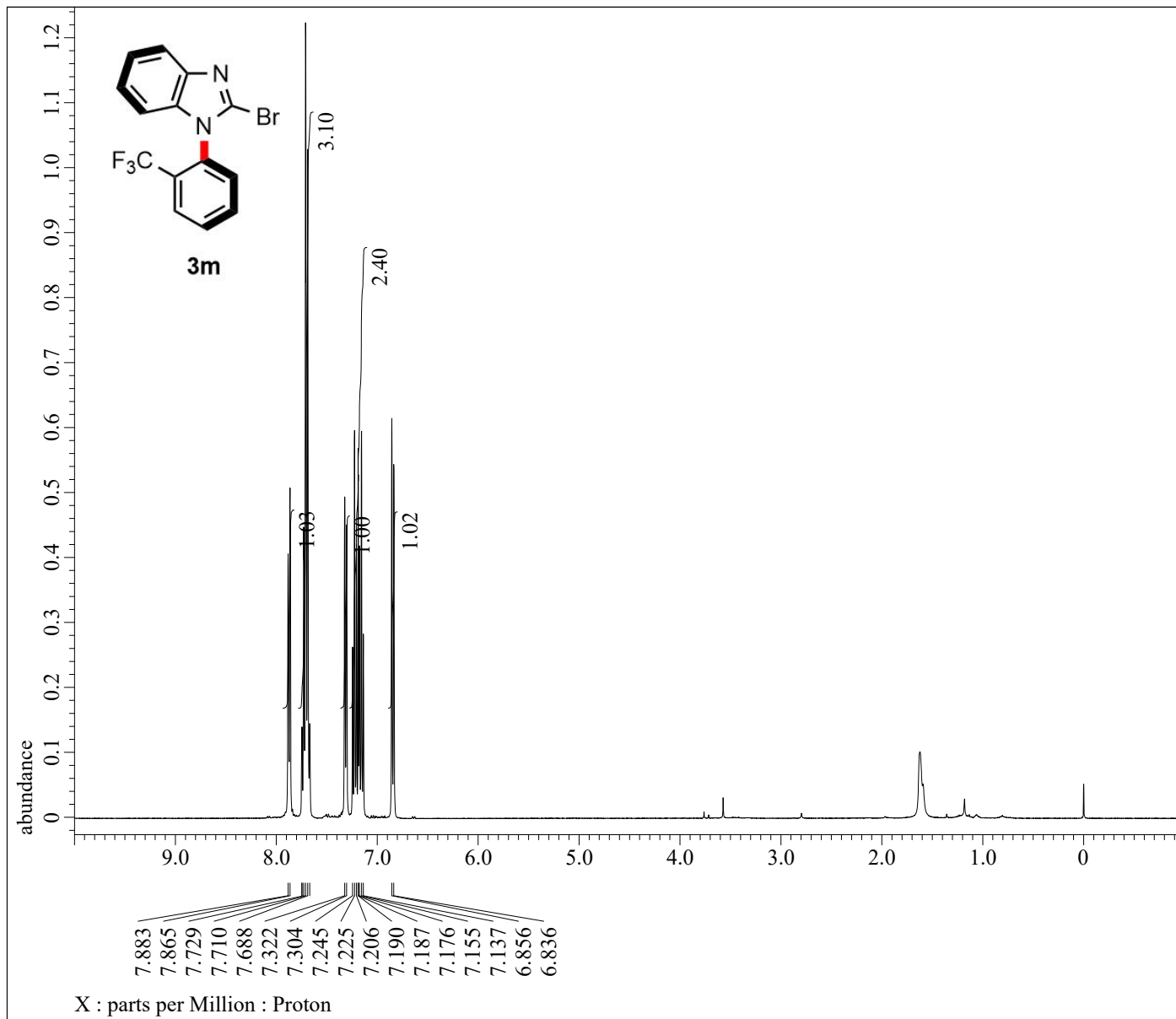
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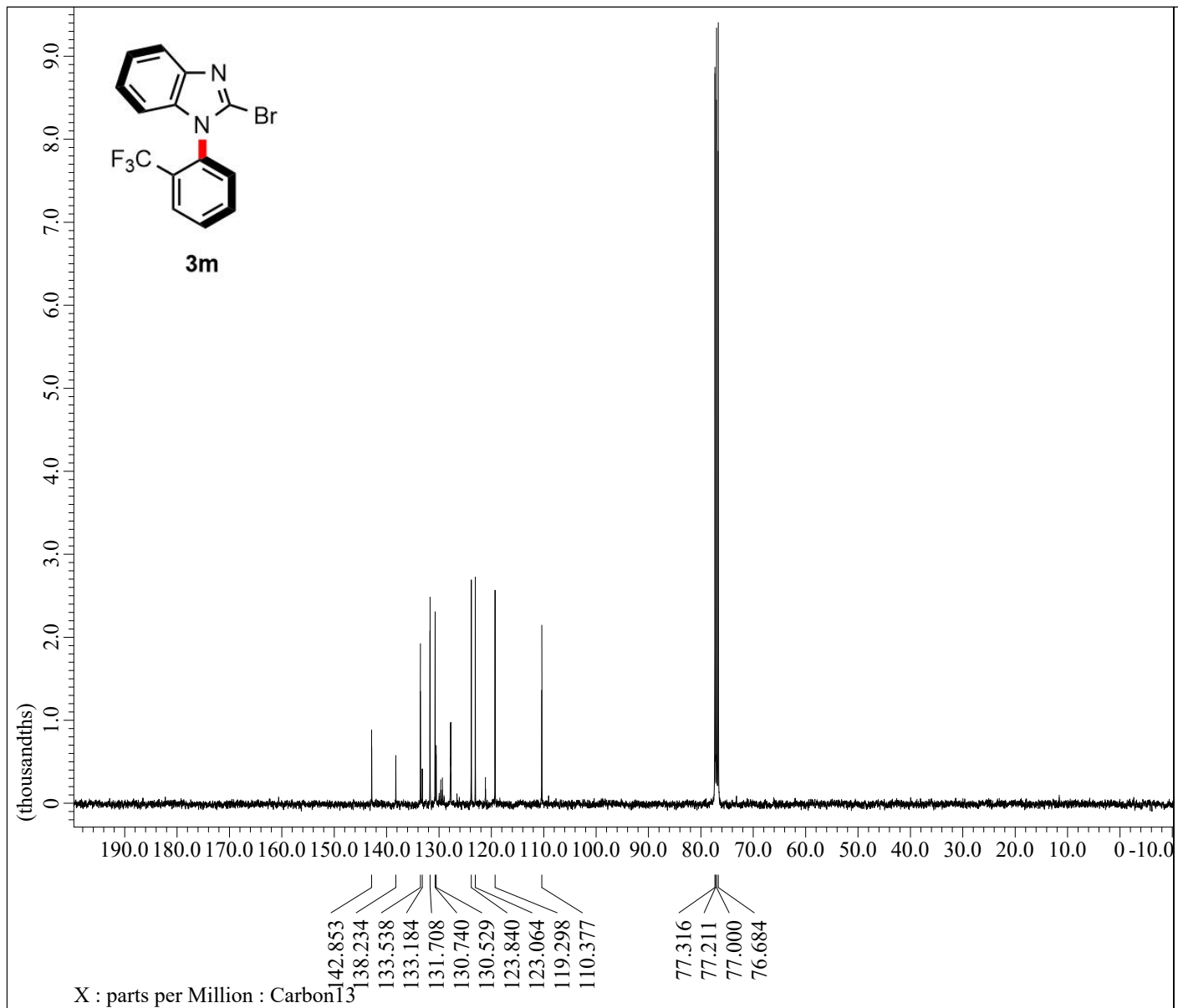
Filename	= MI-4-113-chiral-be
Author	= delta
Experiment	= proton_auto.jxp
Sample Id	= MI-4-113-chiral-be
Solvent	= CHLOROFORM-D
Actual_Start_Time	= 18-APR-2023 19:54:
Revision_Time	= 13-OCT-2023 19:59:
Comment	= MI-4-113-chiral-be
Data_Format	= 1D COMPLEX
Dim_Size	= 13107
Dim_Title	= Proton
Dim_Units	= [ppm]
Dimensions	= X
Spectrometer	= JNM-ECZ400S/L1
Field_Strength	= 9.389766[T] (400[M
X_Acq_Duration	= 2.18628096[s]
X_Domain	= Proton
X_Freq	= 399.78219838[MHz]
X_Offset	= 5[ppm]
X_Points	= 16384
X_Prescans	= 1
X_Resolution	= 0.45739775[Hz]
X_Sweep	= 7.4940048[kHz]
X_Sweep_Clipped	= 5.99520384[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]
Blanking	= 2[us]
Clipped	= FALSE
Scans	= 8
Total_Scans	= 8
Relaxation_Delay	= 5[s]
Recvr_Gain	= 46
Temp_Get	= 17.5[dC]
X_90_Width	= 8[us]
X_Acq_Time	= 2.18628096[s]
X_Angle	= 45[deg]
X_Atn	= 6[dB]
X_Pulse	= 4[us]
Irr_Mode	= Off
Tri_Mode	= Off
Dante_Loop	= 500
Dante_Presat	= FALSE
Decimation_Rate	= 0
Experiment_Path	= c:\Program Files\J
Initial_Wait	= 1[s]
Phase	= {0, 90, 270, 180,



Filename	= MI-4-113-chiral
Author	= delta
Experiment	= carbon_auto.jpg
Sample Id	= MI-4-113-chiral
Solvent	= CHLOROFORM-D
Actual_Start_Time	= 19-APR-2023 03:
Revision_Time	= 14-OCT-2023 03:
Comment	= MI-4-113-chiral
Data_Format	= 1D COMPLEX
Dim_Size	= 26214
Dim_Title	= Carbon13
Dim_Units	= [ppm]
Dimensions	= X
Spectrometer	= JNM-ECZ400S/L1
Field_Strength	= 9.389766[T] (40
X_Acq_Duration	= 1.03809024[s]
X_Domain	= Carbon13
X_Freq	= 100.52530333[MH
X_Offset	= 100[ppm]
X_Points	= 32768
X_Prescans	= 4
X_Resolution	= 0.96330739[Hz]
X_Sweep	= 31.56565657[kHz
X_Sweep_Clipped	= 25.25252525[kHz
Irr_Domain	= Proton
Irr_Freq	= 399.78219838[MH
Irr_Offset	= 5[ppm]
Blanking	= 5[us]
Clipped	= TRUE
Scans	= 2400
Total_Scans	= 2400
Relaxation_Delay	= 2[s]
Recvr_Gain	= 50
Temp_Get	= 17.5[dC]
X_90_Width	= 11.1[us]
X_Acq_Time	= 1.03809024[s]
X_Angle	= 30[deg]
X_Atn	= 8[dB]
X_Pulse	= 3.7[us]
Irr_Atn_Dec	= 29.152[dB]
Irr_Atn_Dec_Calc	= 29.152[dB]
Irr_Atn_Dec_Default_Calc	= 29.152[dB]
Irr_Atn_Noie	= 29.152[dB]
Irr_Dec_Bandwidth_Hz	= 4.7826087[kHz]
Irr_Dec_Bandwidth_Ppm	= 11.96303566[ppm]
Irr_Dec_Freq	= 399.78219838[MH
Irr_Dec_Merit_Factor	= 2.2
Irr_Decoupling	= TRUE
Irr_Noie	= TRUE
Irr_Noise	= WALTZ



Filename	= MI-5-3-chiral-Benz
Author	= delta
Experiment	= proton_auto.jpg
Sample Id	= MI-5-3-chiral-Benz
Solvent	= CHLOROFORM-D
Actual_Start_Time	= 5-SEP-2023 08:51:
Revision_Time	= 13-OCT-2023 20:07:
Comment	= MI-5-3-chiral-Benz
Data_Format	= 1D COMPLEX
Dim_Size	= 13107
Dim_Title	= Proton
Dim_Units	= [ppm]
Dimensions	= X
Spectrometer	= JNM-ECZ400S/L1
Field_Strength	= 9.389766[T] (400[M
X_Acq_Duration	= 2.18628096[s]
X_Domain	= Proton
X_Freq	= 399.78219838[MHz]
X_Offset	= 5[ppm]
X_Points	= 16384
X_Prescans	= 1
X_Resolution	= 0.45739775[Hz]
X_Sweep	= 7.4940048[kHz]
X_Sweep_Clipped	= 5.99520384[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]
Blanking	= 2[us]
Clipped	= FALSE
Scans	= 8
Total_Scans	= 8
Relaxation_Delay	= 5[s]
Recvr_Gain	= 56
Temp_Get	= 21.1[dC]
X_90_Width	= 8[us]
X_Acq_Time	= 2.18628096[s]
X_Angle	= 45[deg]
X_Atn	= 6[dB]
X_Pulse	= 4[us]
Irr_Mode	= Off
Tri_Mode	= Off
Dante_Loop	= 500
Dante_Presat	= FALSE
Decimation_Rate	= 0
Experiment_Path	= c:\Program Files\J
Initial_Wait	= 1[s]
Phase	= {0, 90, 270, 180,



```

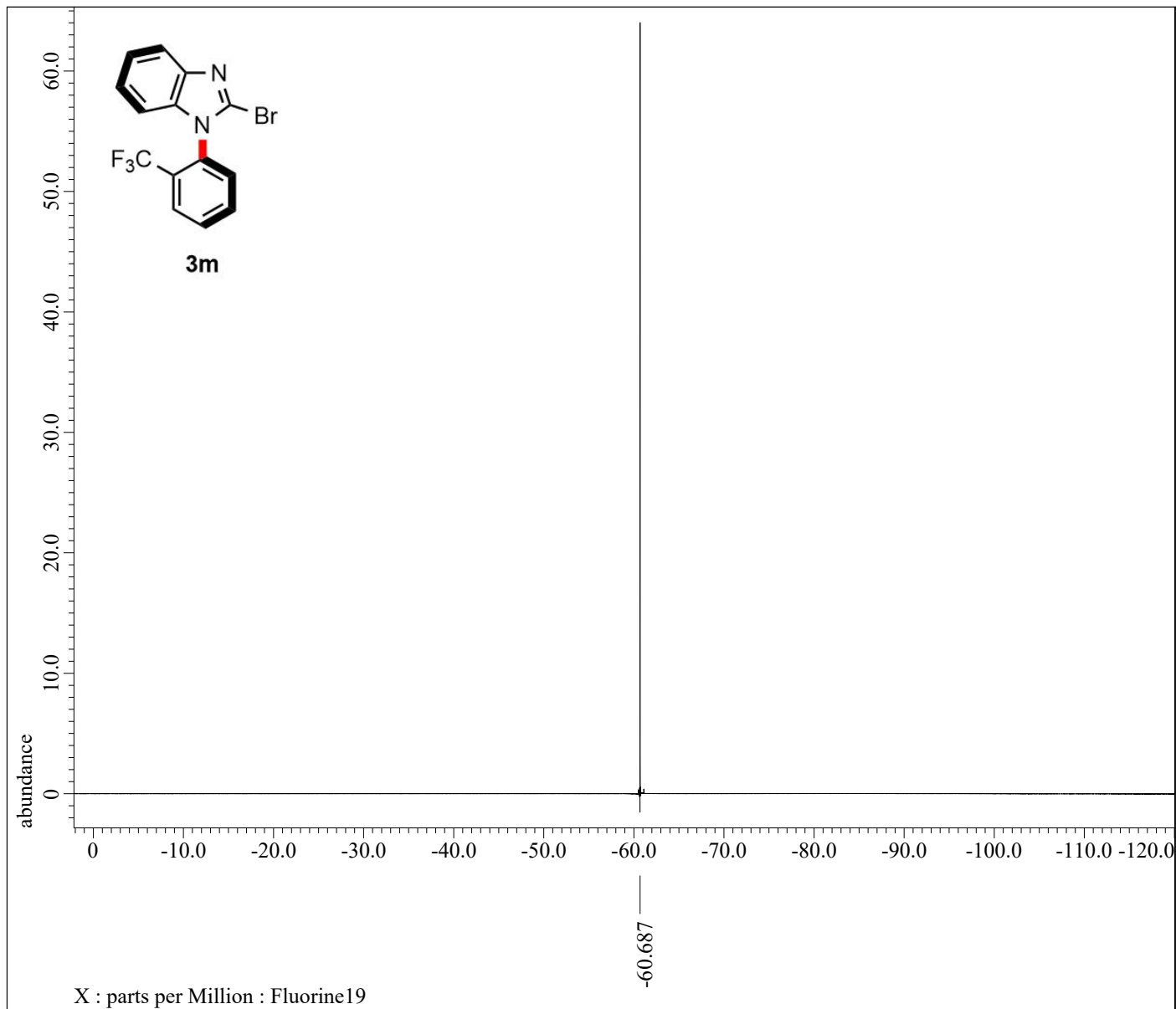
Filename           = MI-5-3-chiral-E
Author             = delta
Experiment         = carbon_auto.jpg
Sample_Id          = MI-5-3-chiral-E
Solvent            = CHLOROFORM-D
Actual_Start_Time  = 4-SEP-2023 22:
Revision_Time      = 14-OCT-2023 04:

Comment           = MI-5-3-chiral-E
Data_Format       = 1D COMPLEX
Dim_Size          = 26214
Dim_Title         = Carbon13
Dim_Units         = [ppm]
Dimensions        = X
Spectrometer      = JNM-ECZ400S/L1

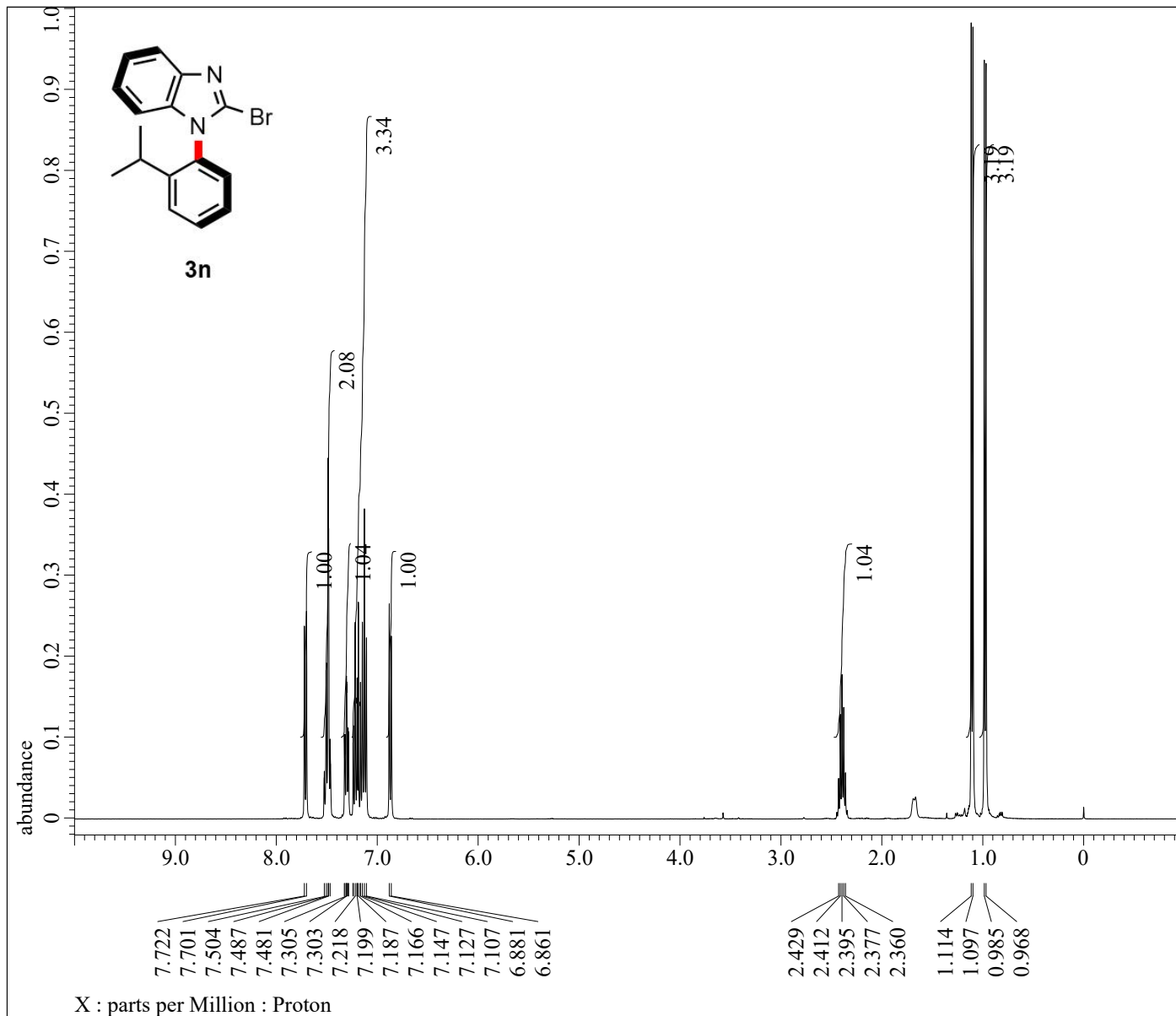
Field_Strength    = 9.389766[T] (40
X_Acq_Duration    = 1.03809024[s]
X_Domain          = Carbon13
X_Freq            = 100.52530333[MH
X_Offset          = 100[ppm]
X_Points          = 32768
X_Prescans        = 4
X_Resolution      = 0.96330739[Hz]
X_Sweep           = 31.56565657[kHz]
X_Sweep_Clipped   = 25.25252525[kHz]
Irr_Domain        = Proton
Irr_Freq          = 399.78219838[MH
Irr_Offset        = 5[ppm]
Blanking          = 5[us]
Clipped           = TRUE
Scans             = 1024
Total_Scans       = 1024

Relaxation_Delay  = 2[s]
Recvr_Gain        = 50
Temp_Get          = 22.2[dC]
X_90_Width        = 11.1[us]
X_Acq_Time        = 1.03809024[s]
X_Angle           = 30[deg]
X_Atn             = 8[dB]
X_Pulse           = 3.7[us]
Irr_Atn_Dec       = 29.152[dB]
Irr_Atn_Dec_Calc  = 29.152[dB]
Irr_Atn_Dec_Default_Calc = 29.152[dB]
Irr_Atn_Noise    = 29.152[dB]
Irr_Dec_Bandwidth_Hz = 4.7826087[kHz]
Irr_Dec_Bandwidth_Ppm = 11.96303566[ppm]
Irr_Dec_Freq      = 399.78219838[MH
Irr_Dec_Merit_Factor = 2.2
Irr_Decoupling    = TRUE
Irr_Noise         = TRUE
Irr_Noise         = WALTZ

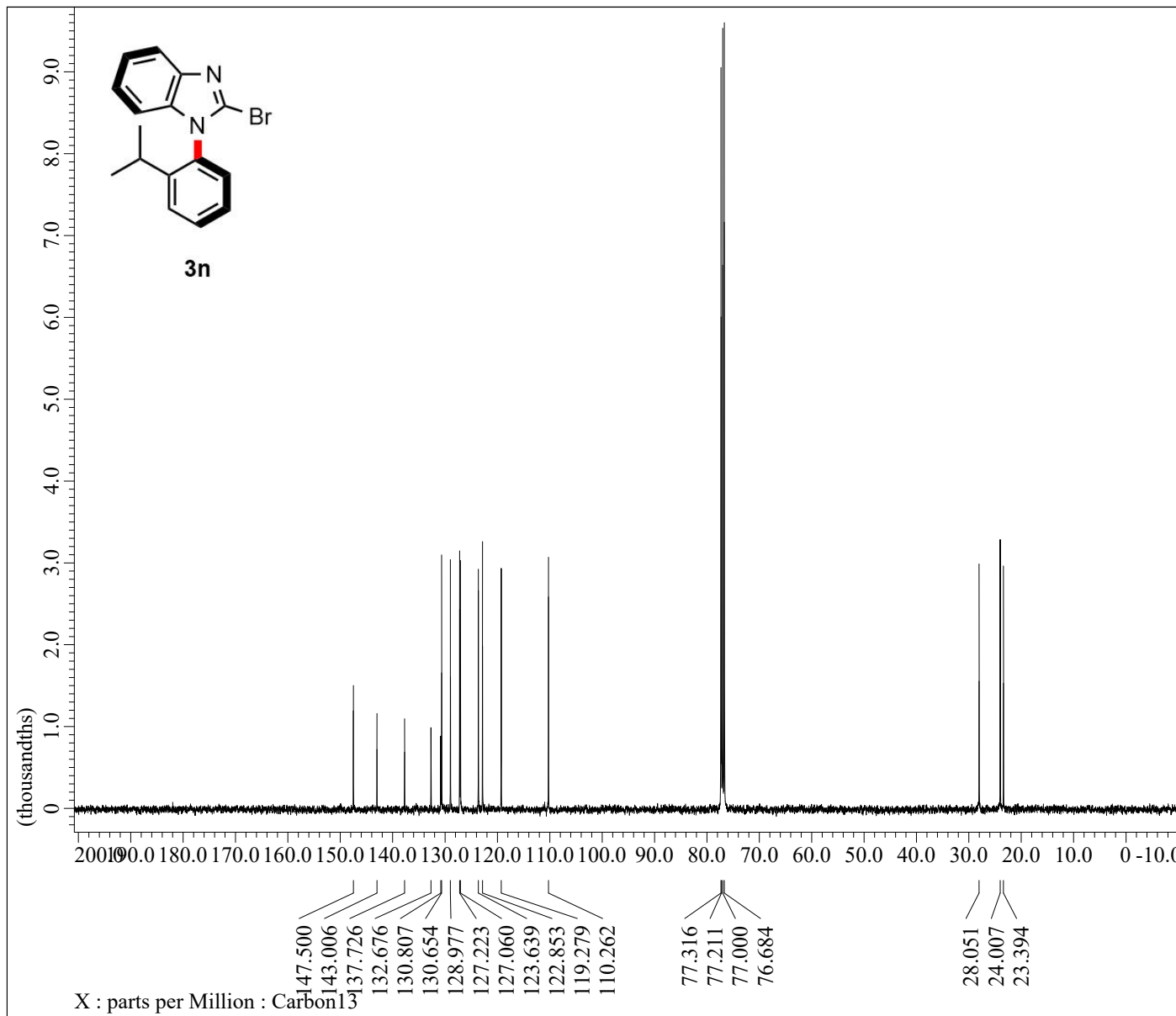
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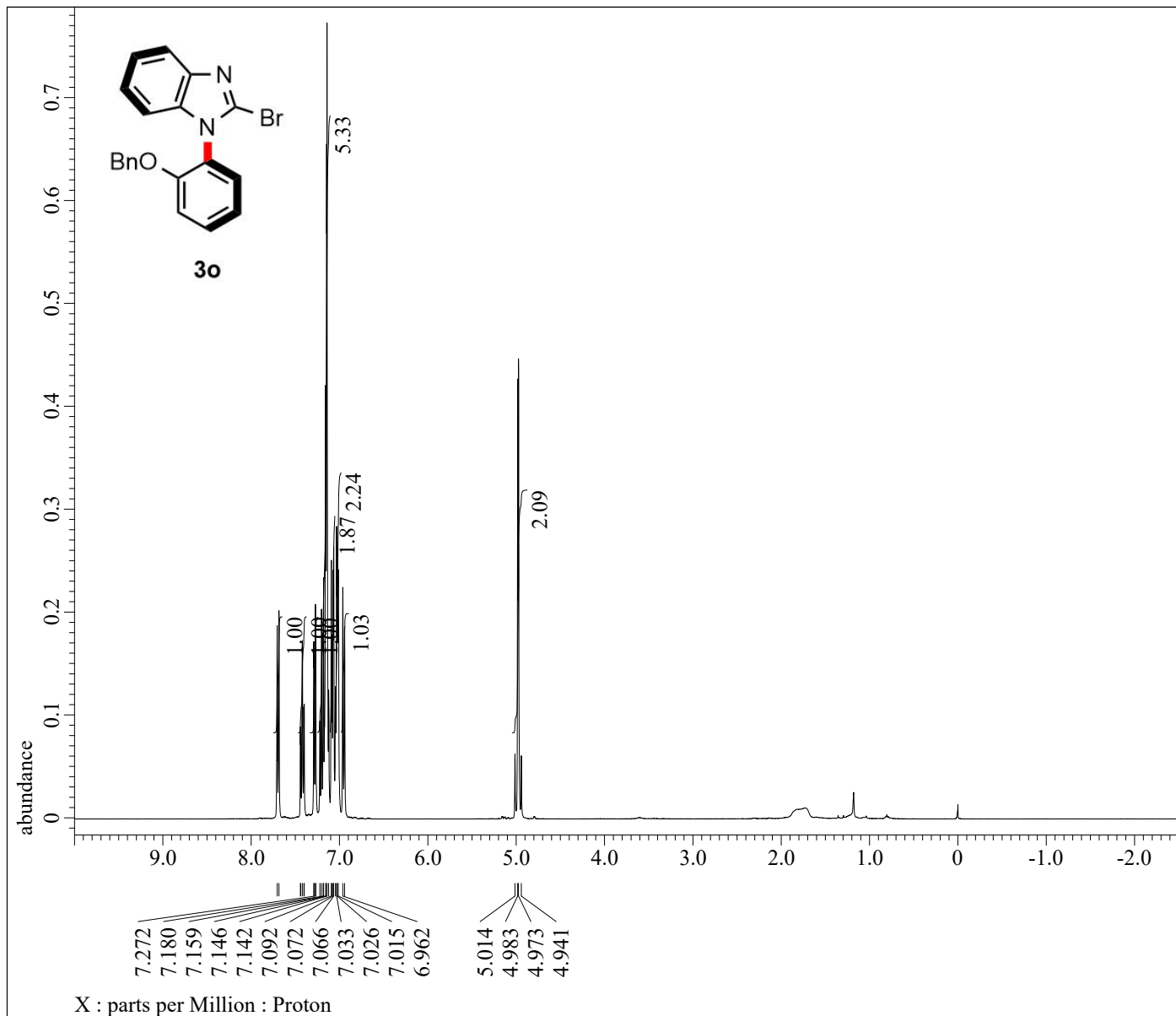
Filename	= MI-5-34-BenzImi-Br
Author	= delta
Experiment	= single_pulse.jxp
Sample Id	= MI-5-34-BenzImi-Br
Solvent	= CHLOROFORM-D
Actual_Start_Time	= 18-OCT-2023 15:46:
Revision_Time	= 18-OCT-2023 15:50:
Comment	= MI-5-34-BenzImi-Br
Data_Format	= 1D COMPLEX
Dim_Size	= 26214
Dim_Title	= Fluorine19
Dim_Units	= [ppm]
Dimensions	= X
Site	= ECA 500
Spectrometer	= DELTA2_NMR
Field_Strength	= 11.7473579[T] (500
X_Acq_Duration	= 0.27262976[s]
X_Domain	= 19F
X_Freq	= 470.62046084[MHz]
X_Offset	= -100[ppm]
X_Points	= 32768
X_Prescans	= 1
X_Resolution	= 3.66797814[Hz]
X_Sweep	= 120.19230769[kHz]
X_Sweep_Clipped	= 96.15384615[kHz]
Irr_Domain	= Fluorine19
Irr_Freq	= 470.62046084[MHz]
Irr_Offset	= 5[ppm]
Tri_Domain	= Fluorine19
Tri_Freq	= 470.62046084[MHz]
Tri_Offset	= 5[ppm]
Clipped	= FALSE
Scans	= 32
Total_Scans	= 32
Relaxation_Delay	= 5[s]
Recvr_Gain	= 50
Temp_Get	= 19.9[dC]
X_90_Width	= 13.6[us]
X_Acq_Time	= 0.27262976[s]
X_Angle	= 45[deg]
X_Atn	= 2.5[dB]
X_Pulse	= 6.8[us]
Irr_Mode	= Off
Tri_Mode	= Off
Dante_Loop	= 500
Dante_Presat	= FALSE
Decimation_Rate	= 0
Force_Dual_Mode	= FALSE
Initial_Wait	= 1[s]
Presat_Time	= 5[s]



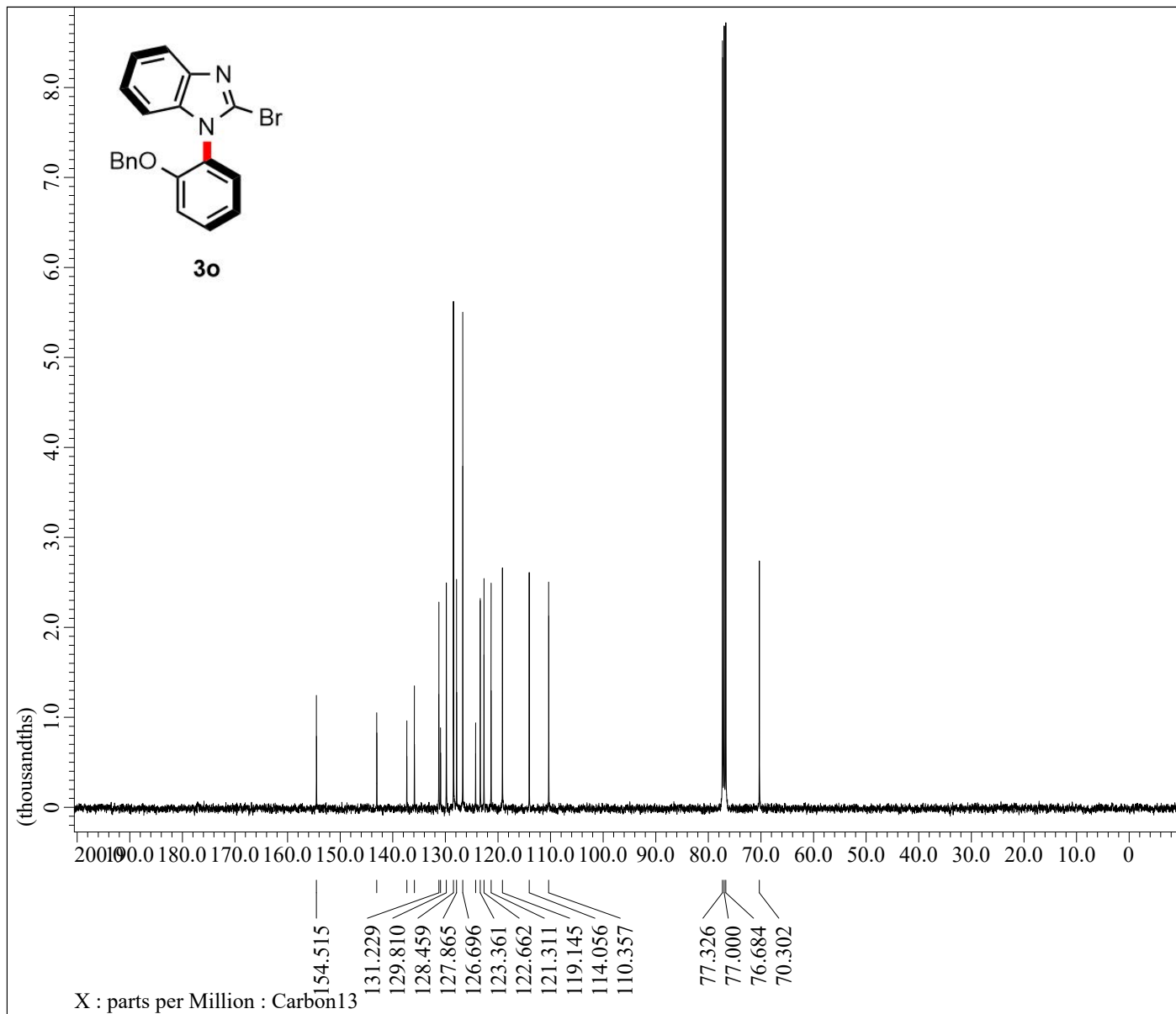
Filename	= MI-5-28-chiral-Ber
Author	= delta
Experiment	= proton_auto.jxp
Sample Id	= MI-5-28-chiral-Ber
Solvent	= CHLOROFORM-D
Actual_Start_Time	= 5-SEP-2023 09:00:
Revision_Time	= 13-OCT-2023 20:21:
Comment	= MI-5-28-chiral-Ber
Data_Format	= 1D COMPLEX
Dim_Size	= 13107
Dim_Title	= Proton
Dim_Units	= [ppm]
Dimensions	= X
Spectrometer	= JNM-ECZ400S/L1
Field_Strength	= 9.389766[T] (400[M
X_Acq_Duration	= 2.18628096[s]
X_Domain	= Proton
X_Freq	= 399.78219838[MHz]
X_Offset	= 5[ppm]
X_Points	= 16384
X_Prescans	= 1
X_Resolution	= 0.45739775[Hz]
X_Sweep	= 7.4940048[kHz]
X_Sweep_Clipped	= 5.99520384[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]
Blanking	= 2[us]
Clipped	= FALSE
Scans	= 8
Total_Scans	= 8
Relaxation_Delay	= 5[s]
Recvr_Gain	= 46
Temp_Get	= 21.3[dC]
X_90_Width	= 8[us]
X_Acq_Time	= 2.18628096[s]
X_Angle	= 45[deg]
X_Atn	= 6[dB]
X_Pulse	= 4[us]
Irr_Mode	= Off
Tri_Mode	= Off
Dante_Loop	= 500
Dante_Presat	= FALSE
Decimation_Rate	= 0
Experiment_Path	= c:\Program Files\J
Initial_Wait	= 1[s]
Phase	= {0, 90, 270, 180,



Filename	= MI-5-28-chiral-
Author	= delta
Experiment	= carbon_auto.jpg
Sample Id	= MI-5-28-chiral-
Solvent	= CHLOROFORM-D
Actual_Start_Time	= 5-SEP-2023 00:
Revision_Time	= 14-OCT-2023 04:
Comment	= MI-5-28-chiral-
Data_Format	= 1D COMPLEX
Dim_Size	= 26214
Dim_Title	= Carbon13
Dim_Units	= [ppm]
Dimensions	= X
Spectrometer	= JNM-ECZ400S/L1
Field_Strength	= 9.389766[T] (40
X_Acq_Duration	= 1.03809024[s]
X_Domain	= Carbon13
X_Freq	= 100.52530333[MH
X_Offset	= 100[ppm]
X_Points	= 32768
X_Prescans	= 4
X_Resolution	= 0.96330739[Hz]
X_Sweep	= 31.56565657[kHz
X_Sweep_Clipped	= 25.25252525[kHz
Irr_Domain	= Proton
Irr_Freq	= 399.78219838[MH
Irr_Offset	= 5[ppm]
Blanking	= 5[us]
Clipped	= TRUE
Scans	= 1024
Total_Scans	= 1024
Relaxation_Delay	= 2[s]
Recvr_Gain	= 50
Temp_Get	= 21.9[dC]
X_90_Width	= 11.1[us]
X_Acq_Time	= 1.03809024[s]
X_Angle	= 30[deg]
X_Atn	= 8[dB]
X_Pulse	= 3.7[us]
Irr_Atn_Dec	= 29.152[dB]
Irr_Atn_Dec_Calc	= 29.152[dB]
Irr_Atn_Dec_Default_Calc	= 29.152[dB]
Irr_Atn_No	= 29.152[dB]
Irr_Dec_Bandwidth_Hz	= 4.7826087[kHz]
Irr_Dec_Bandwidth_Ppm	= 11.96303566[ppm
Irr_Dec_Freq	= 399.78219838[MH
Irr_Dec_Merit_Factor	= 2.2
Irr_Decoupling	= TRUE
Irr_No	= TRUE
Irr_Noise	= WALTZ



Filename	= MI-4-116-chiral-Be
Author	= delta
Experiment	= proton_auto.jxp
Sample Id	= MI-4-116-chiral-Be
Solvent	= CHLOROFORM-D
Actual_Start_Time	= 5-SEP-2023 09:08:
Revision_Time	= 13-OCT-2023 20:49:
Comment	= MI-4-116-chiral-Be
Data_Format	= 1D COMPLEX
Dim_Size	= 13107
Dim_Title	= Proton
Dim_Units	= [ppm]
Dimensions	= X
Spectrometer	= JNM-ECZ400S/L1
Field_Strength	= 9.389766[T] (400[M
X_Acq_Duration	= 2.18628096[s]
X_Domain	= Proton
X_Freq	= 399.78219838[MHz]
X_Offset	= 5[ppm]
X_Points	= 16384
X_Prescans	= 1
X_Resolution	= 0.45739775[Hz]
X_Sweep	= 7.4940048[kHz]
X_Sweep_Clipped	= 5.99520384[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]
Blanking	= 2[us]
Clipped	= FALSE
Scans	= 8
Total_Scans	= 8
Relaxation_Delay	= 5[s]
Recvr_Gain	= 46
Temp_Get	= 21.4[dC]
X_90_Width	= 8[us]
X_Acq_Time	= 2.18628096[s]
X_Angle	= 45[deg]
X_Atn	= 6[dB]
X_Pulse	= 4[us]
Irr_Mode	= Off
Tri_Mode	= Off
Dante_Loop	= 500
Dante_Presat	= FALSE
Decimation_Rate	= 0
Experiment_Path	= c:\Program Files\J
Initial_Wait	= 1[s]
Phase	= {0, 90, 270, 180,



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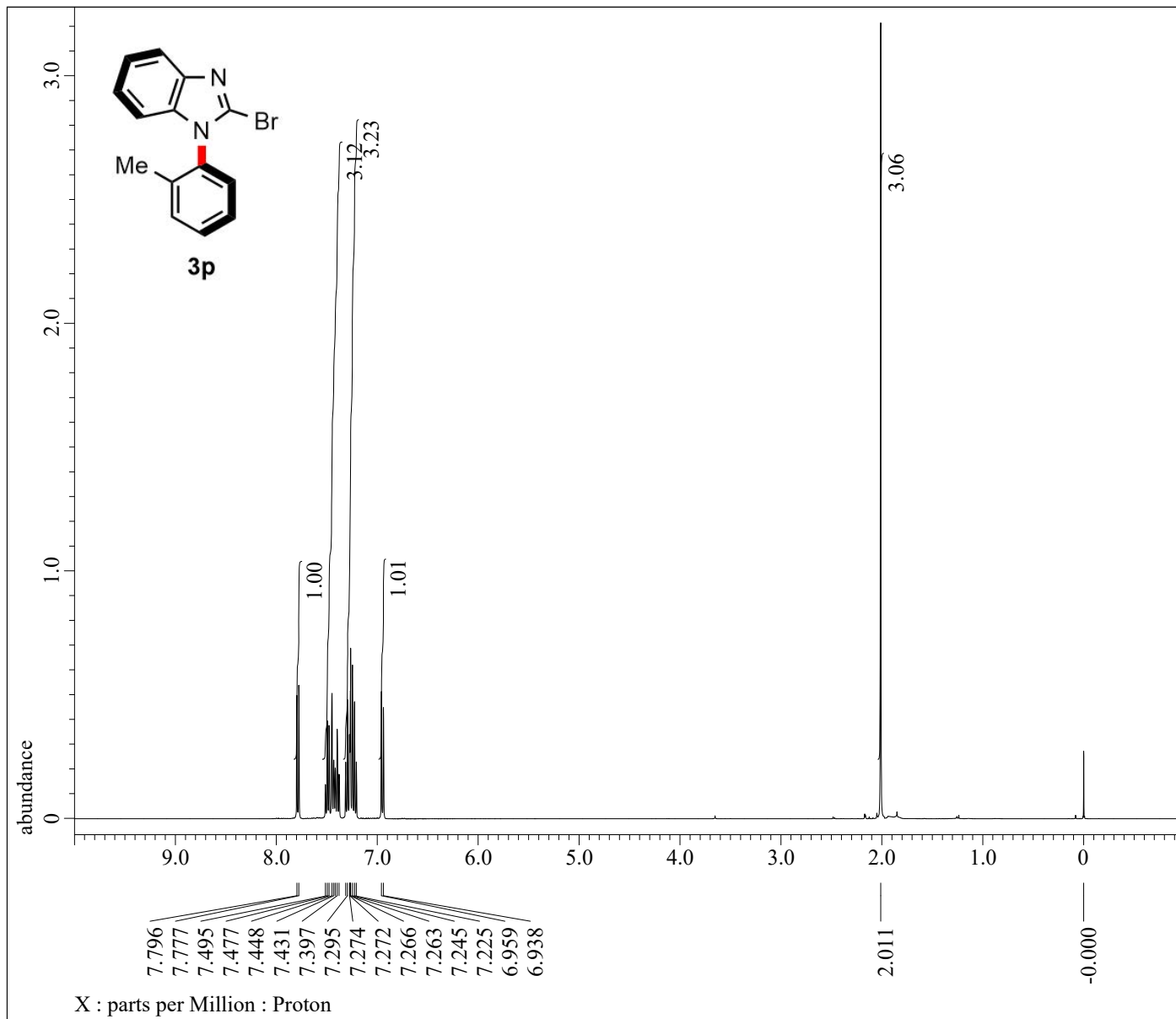
Filename           = MI-4-116-chiral
Author             = delta
Experiment         = carbon_auto.jpg
Sample Id          = MI-4-116-chiral
Solvent            = CHLOROFORM-D
Actual_Start_Time  = 5-SEP-2023 02:
Revision_Time      = 14-OCT-2023 04:

Comment           = MI-4-116-chiral
Data_Format       = 1D COMPLEX
Dim_Size          = 26214
Dim_Title         = Carbon13
Dim_Units         = [ppm]
Dimensions        = X
Spectrometer      = JNM-ECZ400S/L1

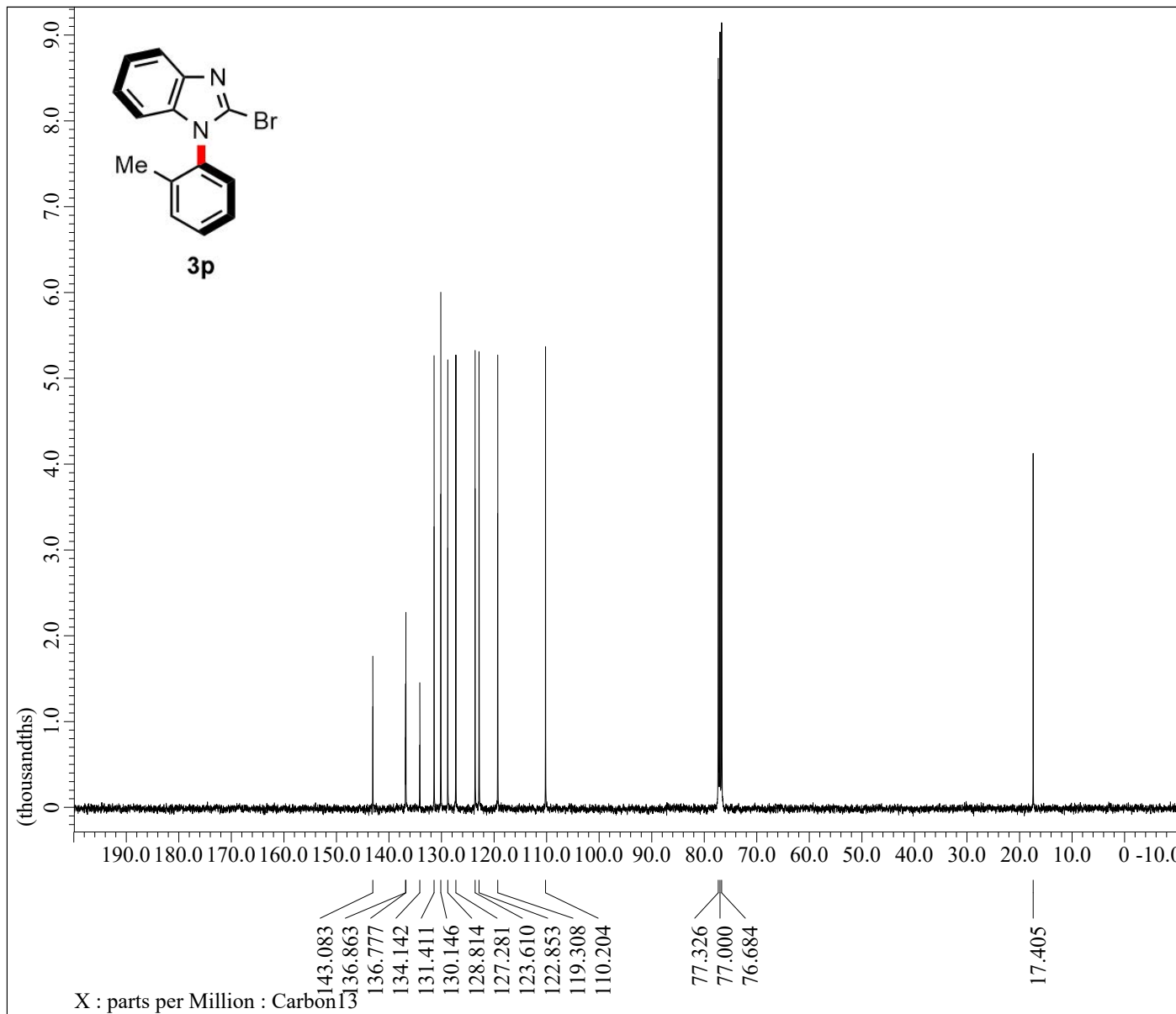
Field_Strength    = 9.389766[T] (40
X_Acq_Duration    = 1.03809024[s]
X_Domain          = Carbon13
X_Freq            = 100.52530333[MH
X_Offset          = 100[ppm]
X_Points          = 32768
X_Prescans        = 4
X_Resolution      = 0.96330739[Hz]
X_Sweep           = 31.56565657[kHz]
X_Sweep_Clipped  = 25.25252525[kHz]
Irr_Domain        = Proton
Irr_Freq          = 399.78219838[MH
Irr_Offset        = 5[ppm]
Blanking          = 5[us]
Clipped           = TRUE
Scans             = 1024
Total_Scans       = 1024

Relaxation_Delay  = 2[s]
Recvr_Gain        = 50
Temp_Get          = 21.8[dC]
X_90_Width        = 11.1[us]
X_Acq_Time        = 1.03809024[s]
X_Angle           = 30[deg]
X_Atn             = 8[dB]
X_Pulse           = 3.7[us]
Irr_Atn_Dec       = 29.152[dB]
Irr_Atn_Dec_Calc = 29.152[dB]
Irr_Atn_Dec_Default_Calc = 29.152[dB]
Irr_Atn_Noise    = 29.152[dB]
Irr_Dec_Bandwidth_Hz = 4.7826087[kHz]
Irr_Dec_Bandwidth_Ppm = 11.96303566[ppm]
Irr_Dec_Freq      = 399.78219838[MH
Irr_Dec_Merit_Factor = 2.2
Irr_Decoupling    = TRUE
Irr_Noise         = TRUE
Irr_Noise         = WALTZ

```



Filename	= YK-1-40-chiral--E
Author	= delta
Experiment	= proton_auto.jxp
Sample Id	= YK-1-40-chiral--E
Solvent	= CHLOROFORM-D
Actual_Start_Time	= 24-APR-2023 16:24:
Revision_Time	= 13-OCT-2023 20:56:
Comment	= YK-1-40-chiral--E
Data_Format	= 1D COMPLEX
Dim_Size	= 13107
Dim_Title	= Proton
Dim_Units	= [ppm]
Dimensions	= X
Spectrometer	= JNM-ECZ400S/L1
Field_Strength	= 9.389766[T] (400[M
X_Acq_Duration	= 2.18628096[s]
X_Domain	= Proton
X_Freq	= 399.78219838[MHz]
X_Offset	= 5[ppm]
X_Points	= 16384
X_Prescans	= 1
X_Resolution	= 0.45739775[Hz]
X_Sweep	= 7.4940048[kHz]
X_Sweep_Clipped	= 5.99520384[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]
Blanking	= 2[us]
Clipped	= FALSE
Scans	= 8
Total_Scans	= 8
Relaxation_Delay	= 5[s]
Recvr_Gain	= 46
Temp_Get	= 17.2[dC]
X_90_Width	= 8[us]
X_Acq_Time	= 2.18628096[s]
X_Angle	= 45[deg]
X_Atn	= 6[dB]
X_Pulse	= 4[us]
Irr_Mode	= Off
Tri_Mode	= Off
Dante_Loop	= 500
Dante_Presat	= FALSE
Decimation_Rate	= 0
Experiment_Path	= c:\Program Files\J
Initial_Wait	= 1[s]
Phase	= {0, 90, 270, 180,



```

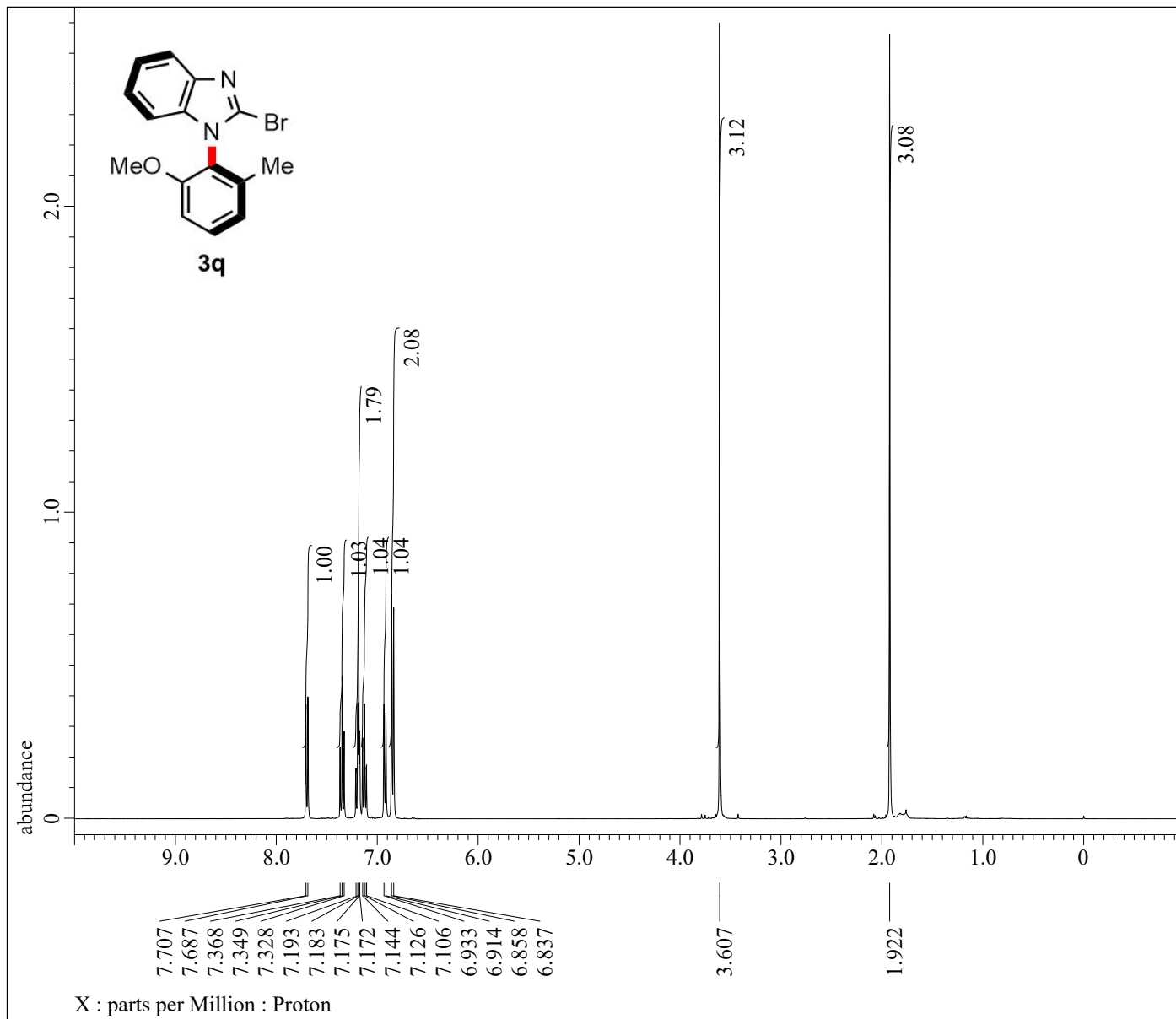
Filename           = YKK-1-40-chiral
Author             = delta
Experiment         = carbon_auto.jpg
Sample Id          = YKK-1-40-chiral
Solvent            = CHLOROFORM-D
Actual_Start_Time  = 4-SEP-2023 23:
Revision_Time      = 14-OCT-2023 04:

Comment           = YKK-1-40-chiral
Data_Format       = 1D COMPLEX
Dim_Size          = 26214
Dim_Title         = Carbon13
Dim_Units         = [ppm]
Dimensions        = X
Spectrometer      = JNM-ECZ400S/L1

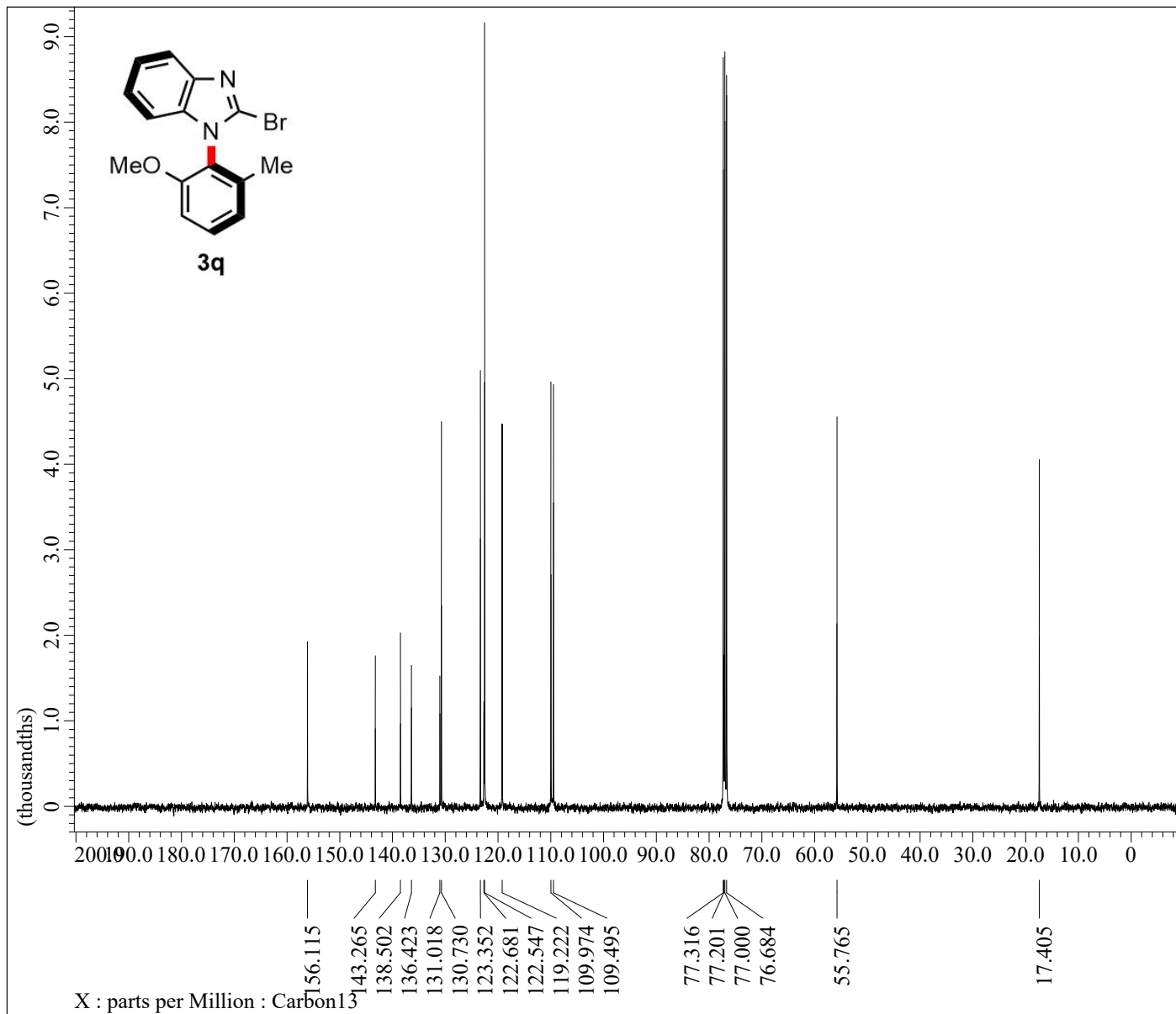
Field_Strength    = 9.389766[T] (40
X_Acq_Duration    = 1.03809024[s]
X_Domain          = Carbon13
X_Freq            = 100.52530333[MH
X_Offset          = 100[ppm]
X_Points          = 32768
X_Prescans        = 4
X_Resolution      = 0.96330739[Hz]
X_Sweep           = 31.56565657[kHz]
X_Sweep_Clipped  = 25.25252525[kHz]
Irr_Domain        = Proton
Irr_Freq          = 399.78219838[MH
Irr_Offset        = 5[ppm]
Blanking          = 5[us]
Clipped           = TRUE
Scans             = 1024
Total_Scans       = 1024

Relaxation_Delay  = 2[s]
Recvr_Gain        = 50
Temp_Get          = 21.9[dC]
X_90_Width       = 11.1[us]
X_Acq_Time        = 1.03809024[s]
X_Angle           = 30[deg]
X_Atn             = 8[dB]
X_Pulse           = 3.7[us]
Irr_Atn_Dec       = 29.152[dB]
Irr_Atn_Dec_Calc = 29.152[dB]
Irr_Atn_Dec_Default_Calc = 29.152[dB]
Irr_Atn_Noise    = 29.152[dB]
Irr_Dec_Bandwidth_Hz = 4.7826087[kHz]
Irr_Dec_Bandwidth_Ppm = 11.96303566[ppm]
Irr_Dec_Freq      = 399.78219838[MH
Irr_Dec_Merit_Factor = 2.2
Irr_Decoupling   = TRUE
Irr_Noise        = TRUE
Irr_Noise        = WALTZ

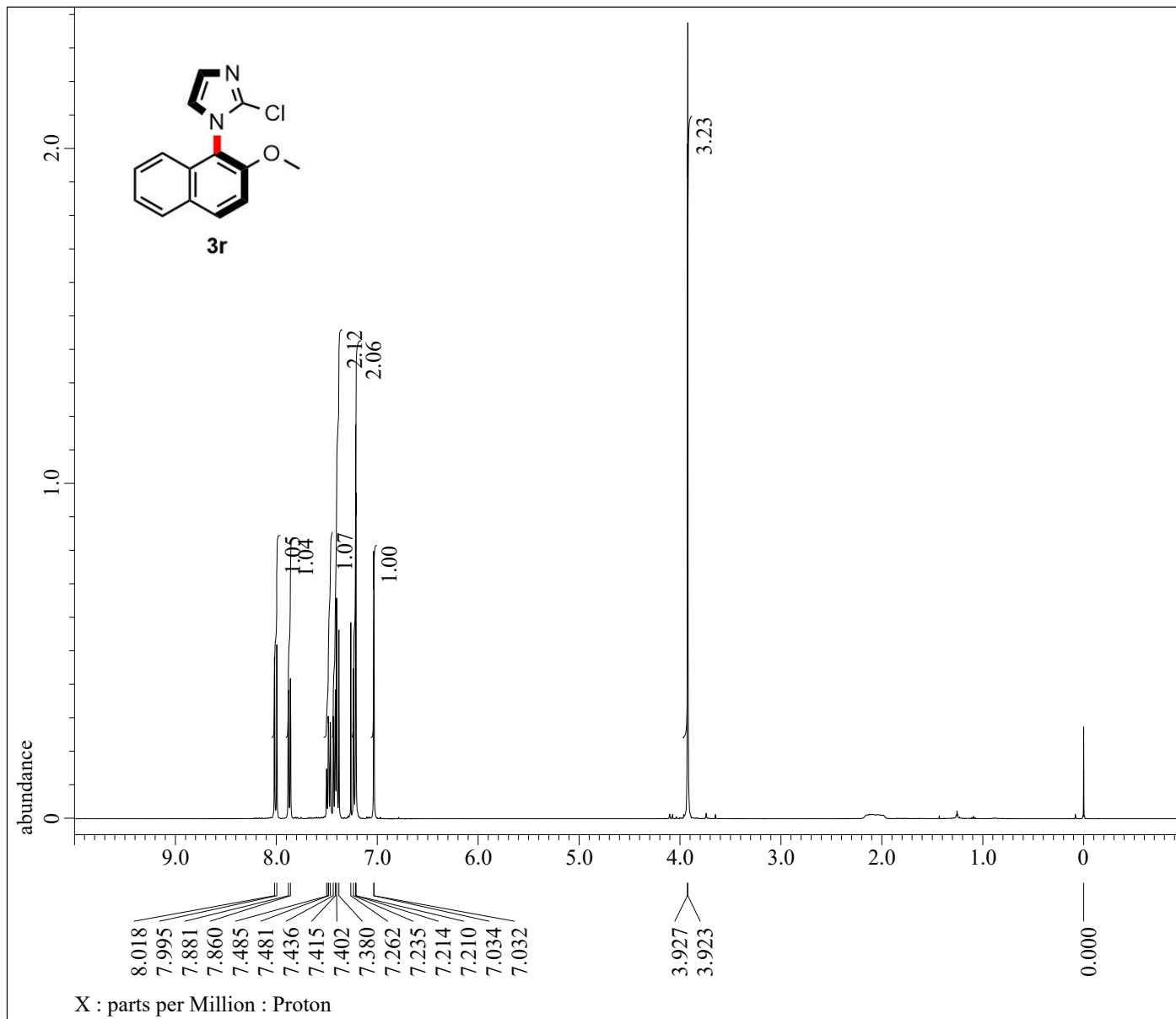
```



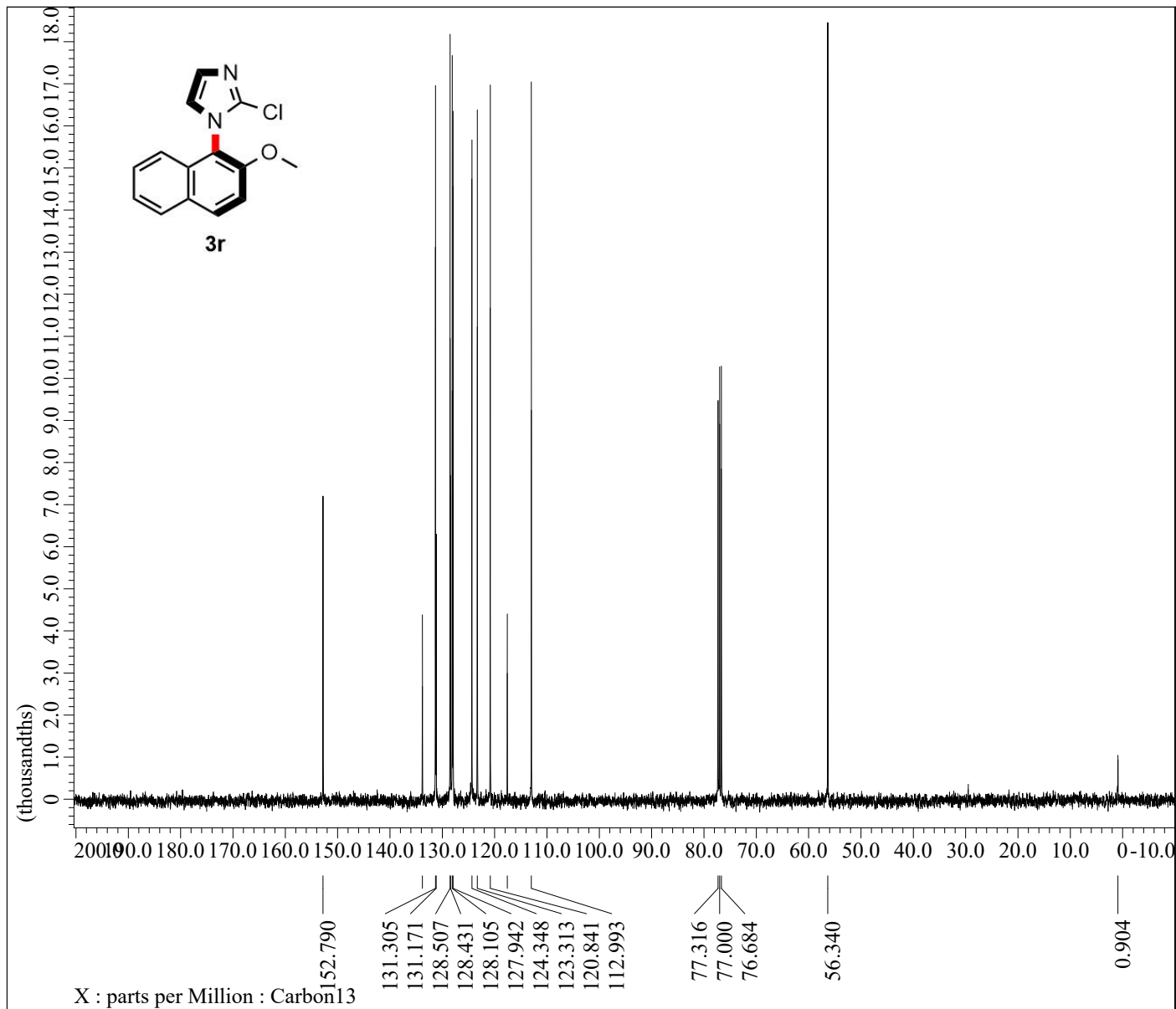
Filename	= MI-5-29-chiral-Ber
Author	= delta
Experiment	= proton_auto.jxp
Sample Id	= MI-5-29-chiral-Ber
Solvent	= CHLOROFORM-D
Actual_Start_Time	= 5-SEP-2023 09:13:
Revision_Time	= 13-OCT-2023 22:07:
Comment	= MI-5-29-chiral-Ber
Data_Format	= 1D COMPLEX
Dim_Size	= 13107
Dim_Title	= Proton
Dim_Units	= [ppm]
Dimensions	= X
Spectrometer	= JNM-ECZ400S/L1
Field_Strength	= 9.389766[T] (400[M
X_Acq_Duration	= 2.18628096[s]
X_Domain	= Proton
X_Freq	= 399.78219838[MHz]
X_Offset	= 5[ppm]
X_Points	= 16384
X_Prescans	= 1
X_Resolution	= 0.45739775[Hz]
X_Sweep	= 7.4940048[kHz]
X_Sweep_Clipped	= 5.99520384[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]
Blanking	= 2[us]
Clipped	= FALSE
Scans	= 8
Total_Scans	= 8
Relaxation_Delay	= 5[s]
Recvr_Gain	= 46
Temp_Get	= 21.4[dC]
X_90_Width	= 8[us]
X_Acq_Time	= 2.18628096[s]
X_Angle	= 45[deg]
X_Atn	= 6[dB]
X_Pulse	= 4[us]
Irr_Mode	= Off
Tri_Mode	= Off
Dante_Loop	= 500
Dante_Presat	= FALSE
Decimation_Rate	= 0
Experiment_Path	= c:\Program Files\J
Initial_Wait	= 1[s]
Phase	= {0, 90, 270, 180,



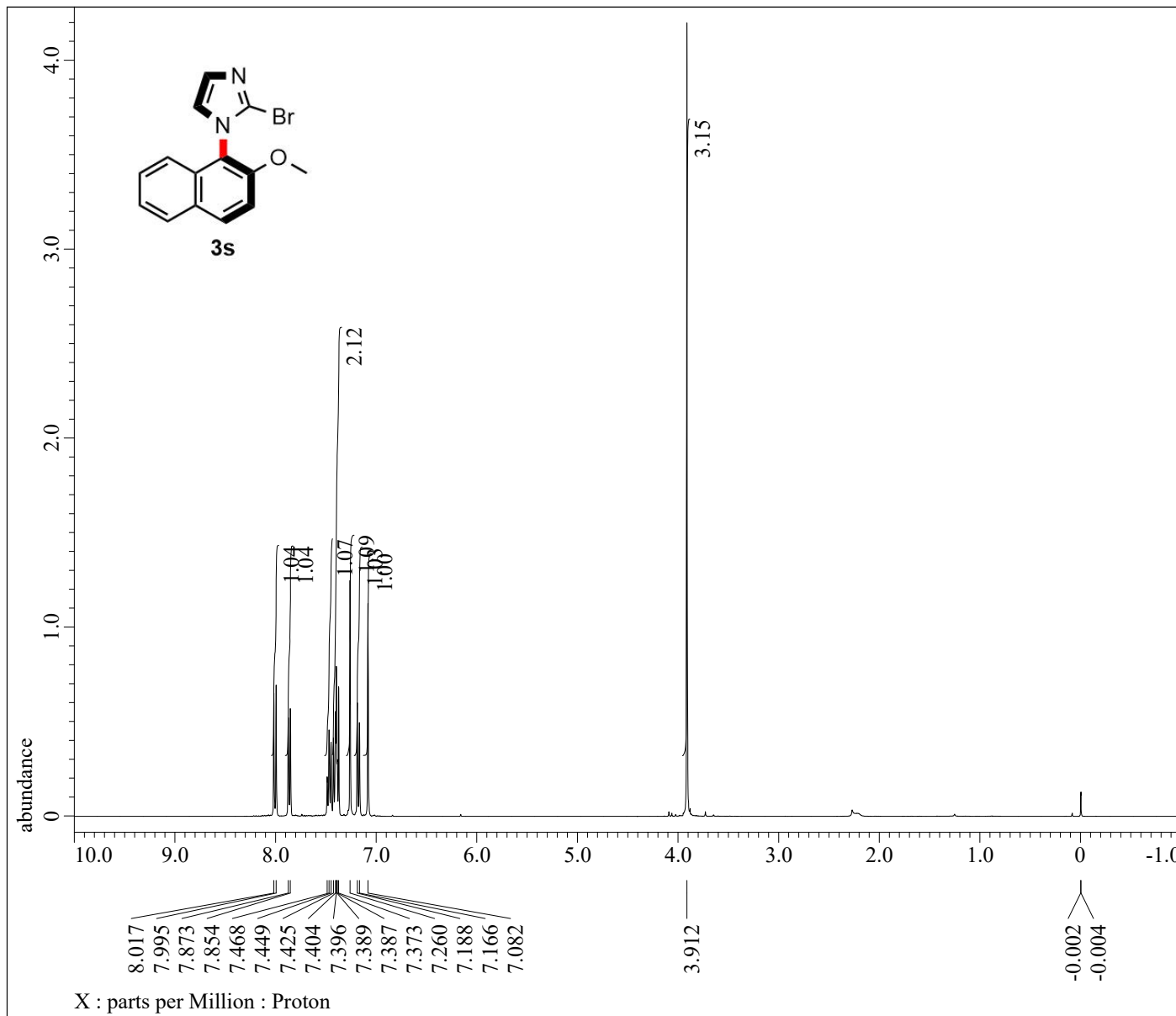
Filename	= MI-5-29-chiral-
Author	= delta
Experiment	= carbon_auto.jpg
Sample Id	= MI-5-29-chiral-
Solvent	= CHLOROFORM-D
Actual_Start_Time	= 5-SEP-2023 03:
Revision_Time	= 14-OCT-2023 04:
Comment	= MI-5-29-chiral-
Data_Format	= 1D COMPLEX
Dim_Size	= 26214
Dim_Title	= Carbon13
Dim_Units	= [ppm]
Dimensions	= X
Spectrometer	= JNM-ECZ400S/L1
Field_Strength	= 9.389766[T] (40
X_Acq_Duration	= 1.03809024[s]
X_Domain	= Carbon13
X_Freq	= 100.52530333[MH
X_Offset	= 100[ppm]
X_Points	= 32768
X_Prescans	= 4
X_Resolution	= 0.96330739[Hz]
X_Sweep	= 31.56565657[kHz
X_Sweep_Clipped	= 25.25252525[kHz
Irr_Domain	= Proton
Irr_Freq	= 399.78219838[MH
Irr_Offset	= 5[ppm]
Blanking	= 5[us]
Clipped	= TRUE
Scans	= 1024
Total_Scans	= 1024
Relaxation_Delay	= 2[s]
Recvr_Gain	= 50
Temp_Get	= 21.6[dC]
X_90_Width	= 11.1[us]
X_Acq_Time	= 1.03809024[s]
X_Angle	= 30[deg]
X_Atn	= 8[dB]
X_Pulse	= 3.7[us]
Irr_Atn_Dec	= 29.152[dB]
Irr_Atn_Dec_Calc	= 29.152[dB]
Irr_Atn_Dec_Default_Calc	= 29.152[dB]
Irr_Atn_No	= 29.152[dB]
Irr_Dec_Bandwidth_Hz	= 4.7826087[kHz]
Irr_Dec_Bandwidth_Ppm	= 11.96303566[ppm
Irr_Dec_Freq	= 399.78219838[MH
Irr_Dec_Merit_Factor	= 2.2
Irr_Decoupling	= TRUE
Irr_No	= TRUE
Irr_Noise	= WALTZ



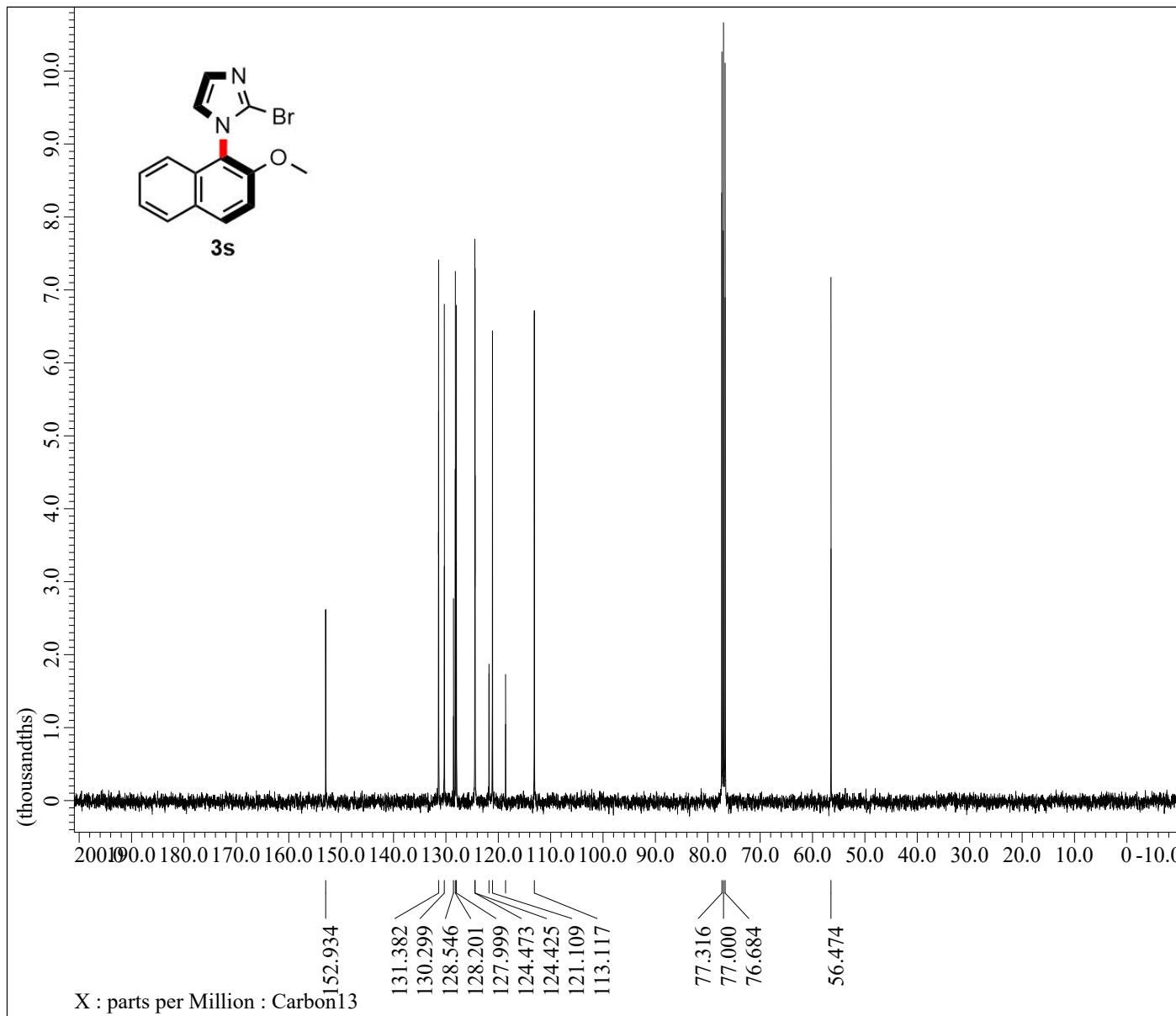
Filename	= MI-5-57-chiral-Imi
Author	= delta
Experiment	= proton_auto.jpg
Sample Id	= MI-5-57-chiral-Imi
Solvent	= CHLOROFORM-D
Actual_Start_Time	= 22-SEP-2023 05:05:
Revision_Time	= 13-OCT-2023 23:50:
Comment	= MI-5-57-chiral-Imi
Data_Format	= 1D COMPLEX
Dim_Size	= 13107
Dim_Title	= Proton
Dim_Units	= [ppm]
Dimensions	= X
Spectrometer	= JNM-ECZ400S/L1
Field_Strength	= 9.389766[T] (400[M
X_Acq_Duration	= 2.18628096[s]
X_Domain	= Proton
X_Freq	= 399.78219838[MHz]
X_Offset	= 5[ppm]
X_Points	= 16384
X_Prescans	= 1
X_Resolution	= 0.45739775[Hz]
X_Sweep	= 7.4940048[kHz]
X_Sweep_Clipped	= 5.99520384[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]
Blanking	= 2[us]
Clipped	= FALSE
Scans	= 8
Total_Scans	= 8
Relaxation_Delay	= 5[s]
Recvr_Gain	= 46
Temp_Get	= 17.8[dC]
X_90_Width	= 8[us]
X_Acq_Time	= 2.18628096[s]
X_Angle	= 45[deg]
X_Atn	= 6[dB]
X_Pulse	= 4[us]
Irr_Mode	= Off
Tri_Mode	= Off
Dante_Loop	= 500
Dante_Presat	= FALSE
Decimation_Rate	= 0
Experiment_Path	= c:\Program Files\J
Initial_Wait	= 1[s]
Phase	= {0, 90, 270, 180,



Filename	= MI-4-107--Imi-C
Author	= delta
Experiment	= carbon_auto.jpg
Sample Id	= MI-4-107--Imi-C
Solvent	= CHLOROFORM-D
Actual_Start_Time	= 24-AUG-2023 12:
Revision_Time	= 14-OCT-2023 04:
Comment	= MI-4-107--Imi-C
Data_Format	= 1D COMPLEX
Dim_Size	= 26214
Dim_Title	= Carbon13
Dim_Units	= [ppm]
Dimensions	= X
Spectrometer	= JNM-ECZ400S/L1
Field_Strength	= 9.389766[T] (40
X_Acq_Duration	= 1.03809024[s]
X_Domain	= Carbon13
X_Freq	= 100.52530333[MH
X_Offset	= 100[ppm]
X_Points	= 32768
X_Prescans	= 4
X_Resolution	= 0.96330739[Hz]
X_Sweep	= 31.56565657[kHz
X_Sweep_Clipped	= 25.25252525[kHz
Irr_Domain	= Proton
Irr_Freq	= 399.78219838[MH
Irr_Offset	= 5[ppm]
Blanking	= 5[us]
Clipped	= FALSE
Incomplete_Copy	= TRUE
Scans	= 97
Total_Scans	= 97
Relaxation_Delay	= 2[s]
Recvr_Gain	= 50
Temp_Get	= 21.8[dC]
X_90_Width	= 11.1[us]
X_Acq_Time	= 1.03809024[s]
X_Angle	= 30[deg]
X_Atn	= 8[dB]
X_Pulse	= 3.7[us]
Irr_Atn_Dec	= 29.152[dB]
Irr_Atn_Dec_Calc	= 29.152[dB]
Irr_Atn_Dec_Default_Calc	= 29.152[dB]
Irr_Atn_No	= 29.152[dB]
Irr_Dec_Bandwidth_Hz	= 4.7826087[kHz]
Irr_Dec_Bandwidth_Ppm	= 11.96303566[ppm
Irr_Dec_Freq	= 399.78219838[MH
Irr_Dec_Merit_Factor	= 2.2
Irr_Decoupling	= TRUE
Irr_No	= TRUE



Filename	= MI-5-58-chiral-Imi
Author	= delta
Experiment	= proton_auto.jxp
Sample Id	= MI-5-58-chiral-Imi
Solvent	= CHLOROFORM-D
Actual_Start_Time	= 22-SEP-2023 05:09:
Revision_Time	= 13-OCT-2023 23:57:
Comment	= MI-5-58-chiral-Imi
Data_Format	= 1D COMPLEX
Dim_Size	= 13107
Dim_Title	= Proton
Dim_Units	= [ppm]
Dimensions	= X
Spectrometer	= JNM-ECZ400S/L1
Field_Strength	= 9.389766[T] (400[M
X_Acq_Duration	= 2.18628096[s]
X_Domain	= Proton
X_Freq	= 399.78219838[MHz]
X_Offset	= 5[ppm]
X_Points	= 16384
X_Prescans	= 1
X_Resolution	= 0.45739775[Hz]
X_Sweep	= 7.4940048[kHz]
X_Sweep_Clipped	= 5.99520384[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]
Blanking	= 2[us]
Clipped	= FALSE
Scans	= 8
Total_Scans	= 8
Relaxation_Delay	= 5[s]
Recvr_Gain	= 46
Temp_Get	= 17.9[dC]
X_90_Width	= 8[us]
X_Acq_Time	= 2.18628096[s]
X_Angle	= 45[deg]
X_Atn	= 6[dB]
X_Pulse	= 4[us]
Irr_Mode	= Off
Tri_Mode	= Off
Dante_Loop	= 500
Dante_Presat	= FALSE
Decimation_Rate	= 0
Experiment_Path	= c:\Program Files\J
Initial_Wait	= 1[s]
Phase	= {0, 90, 270, 180,



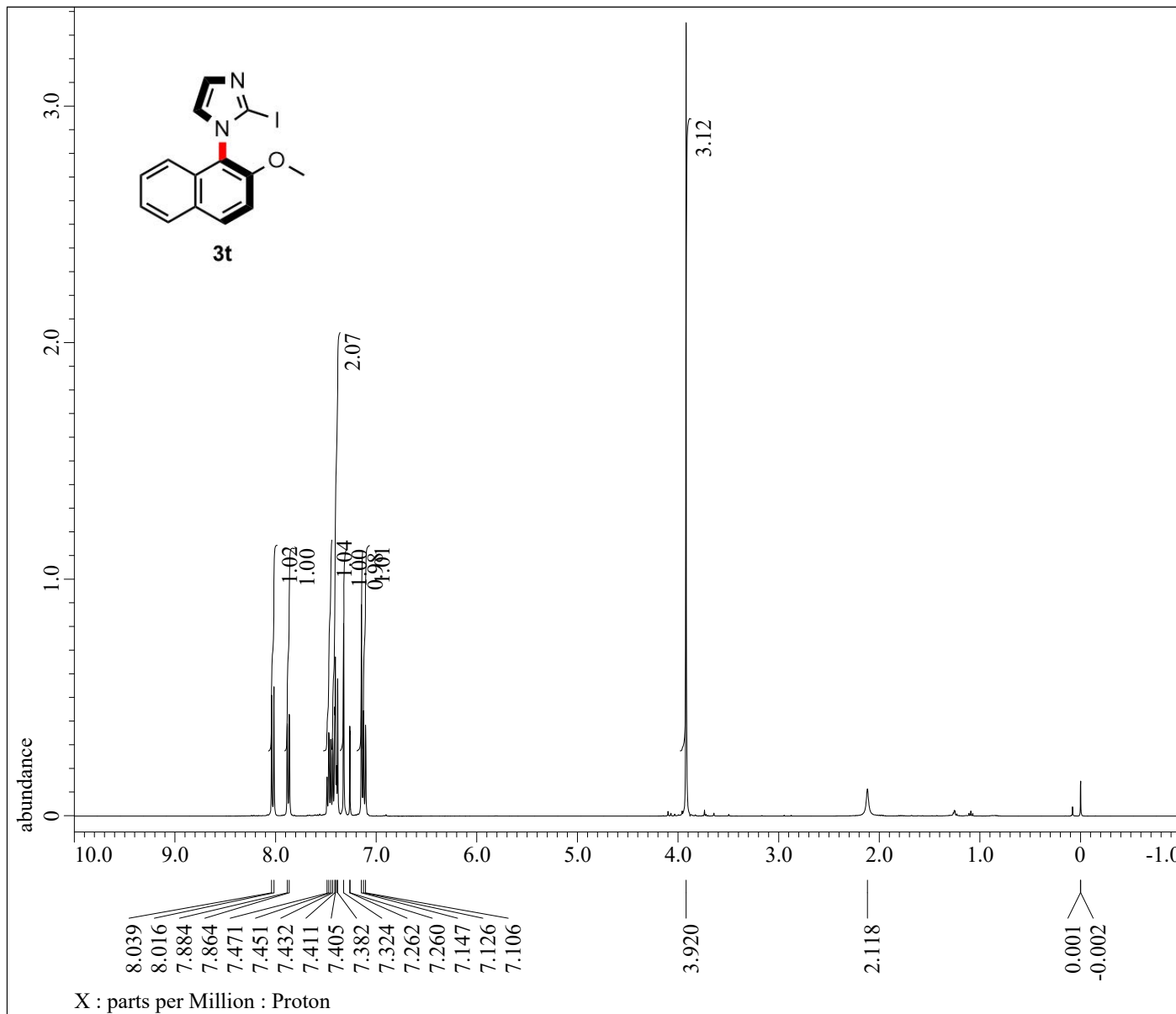
```

Filename           = MI-Imi-Br-Nap-C
Author             = delta
Experiment         = carbon_auto.jpg
Sample Id          = MI-Imi-Br-Nap-C
Solvent            = CHLOROFORM-D
Actual_Start_Time  = 24-AUG-2023 12:
Revision_Time      = 14-OCT-2023 05:

Comment           = MI-Imi-Br-Nap-C
Data_Format       = 1D COMPLEX
Dim_Size          = 26214
Dim_Title         = Carbon13
Dim_Units         = [ppm]
Dimensions        = X
Spectrometer      = JNM-ECZ400S/L1

Field_Strength    = 9.389766[T] (40
X_Acq_Duration    = 1.03809024[s]
X_Domain          = Carbon13
X_Freq            = 100.52530333[MH
X_Offset          = 100[ppm]
X_Points          = 32768
X_Prescans        = 4
X_Resolution      = 0.96330739[Hz]
X_Sweep           = 31.56565657[kHz]
X_Sweep_Clipped   = 25.25252525[kHz]
Irr_Domain        = Proton
Irr_Freq          = 399.78219838[MH
Irr_Offset        = 5[ppm]
Blanking          = 5[us]
Clipped           = FALSE
Incomplete_Copy   = TRUE
Scans             = 207.0
Total_Scans       = 207.0

Relaxation_Delay  = 2[s]
Recvr_Gain        = 50
Temp_Get          = 21.7[dC]
X_90_Width        = 11.1[us]
X_Acq_Time        = 1.03809024[s]
X_Angle           = 30[deg]
X_Atn             = 8[dB]
X_Pulse           = 3.7[us]
Irr_Atn_Dec       = 29.152[dB]
Irr_Atn_Dec_Calc  = 29.152[dB]
Irr_Atn_Dec_Default_Calc = 29.152[dB]
Irr_Atn_Noise     = 29.152[dB]
Irr_Dec_Bandwidth_Hz = 4.7826087[kHz]
Irr_Dec_Bandwidth_Ppm = 11.96303566[ppm]
Irr_Dec_Freq      = 399.78219838[MH
Irr_Dec_Merit_Factor = 2.2
Irr_Decoupling    = TRUE
Irr_Noise         = TRUE
  
```



```

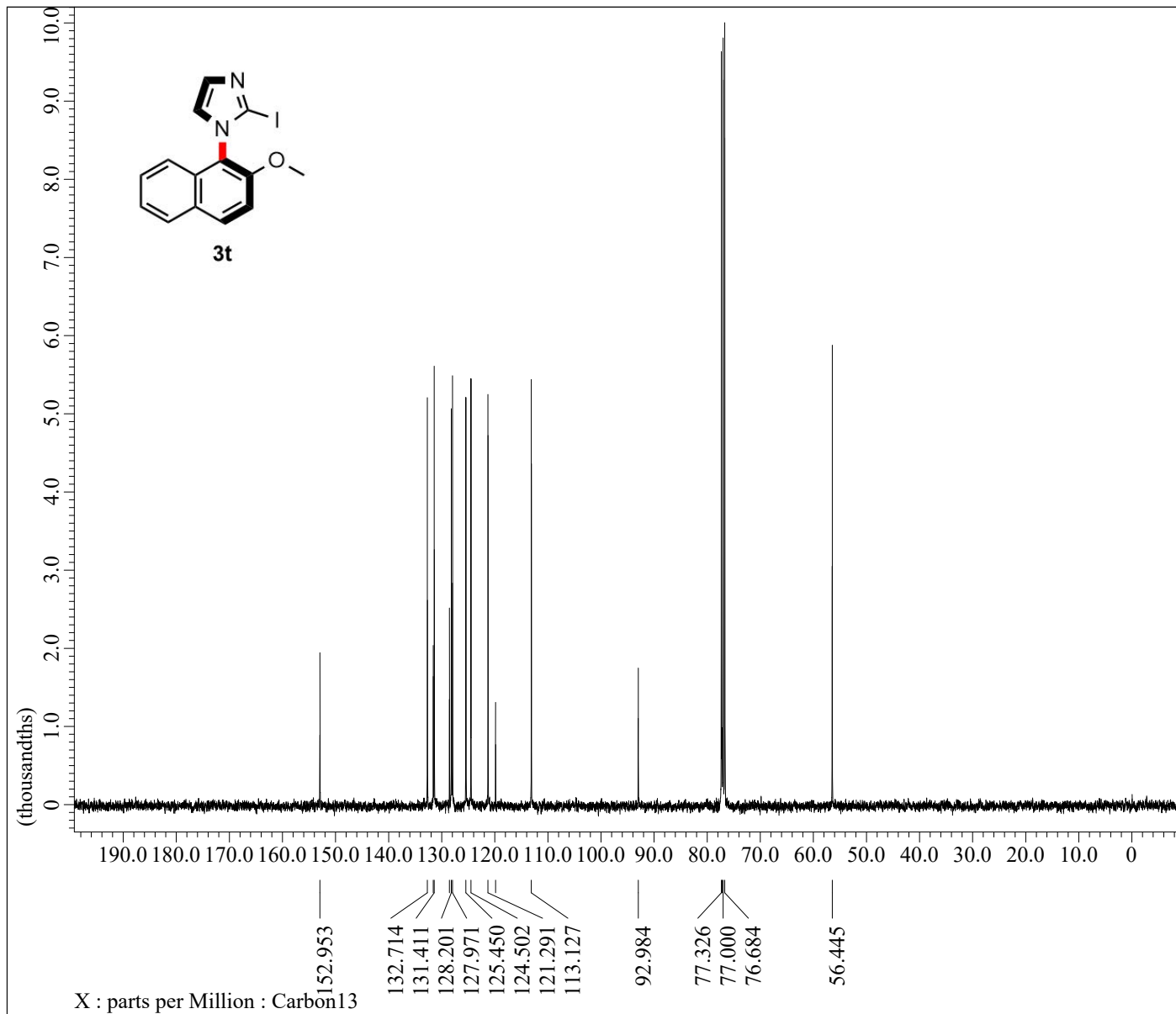
Filename      = MI-5-23-Imi-I-Nap-
Author       = delta
Experiment   = proton_auto.jxp
Sample Id    = MI-5-23-Imi-I-Nap-
Solvent      = CHLOROFORM-D
Actual_Start_Time = 31-AUG-2023 08:43:
Revision_Time  = 14-OCT-2023 00:08:

Comment      = MI-5-23-Imi-I-Nap-
Data_Format  = 1D COMPLEX
Dim_Size     = 13107
Dim_Title    = Proton
Dim_Units    = [ppm]
Dimensions   = X
Spectrometer = JNM-ECZ400S/L1

Field_Strength = 9.389766[T] (400[M
X_Acq_Duration = 2.18628096[s]
X_Domain       = Proton
X_Freq         = 399.78219838[MHz]
X_Offset       = 5[ppm]
X_Points       = 16384
X_Prescans     = 1
X_Resolution   = 0.45739775[Hz]
X_Sweep        = 7.4940048[kHz]
X_Sweep_Clipped = 5.99520384[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]
Blanking       = 2[us]
Clipped        = FALSE
Scans          = 8
Total_Scans    = 8

Relaxation_Delay = 5[s]
Recvr_Gain       = 46
Temp_Get         = 20.5[dC]
X_90_Width       = 8[us]
X_Acq_Time       = 2.18628096[s]
X_Angle          = 45[deg]
X_Atn            = 6[dB]
X_Pulse          = 4[us]
Irr_Mode         = Off
Tri_Mode         = Off
Dante_Loop       = 500
Dante_Presat     = FALSE
Decimation_Rate = 0
Experiment_Path  = c:\Program Files\J
Initial_Wait     = 1[s]
Phase            = {0, 90, 270, 180,

```



```

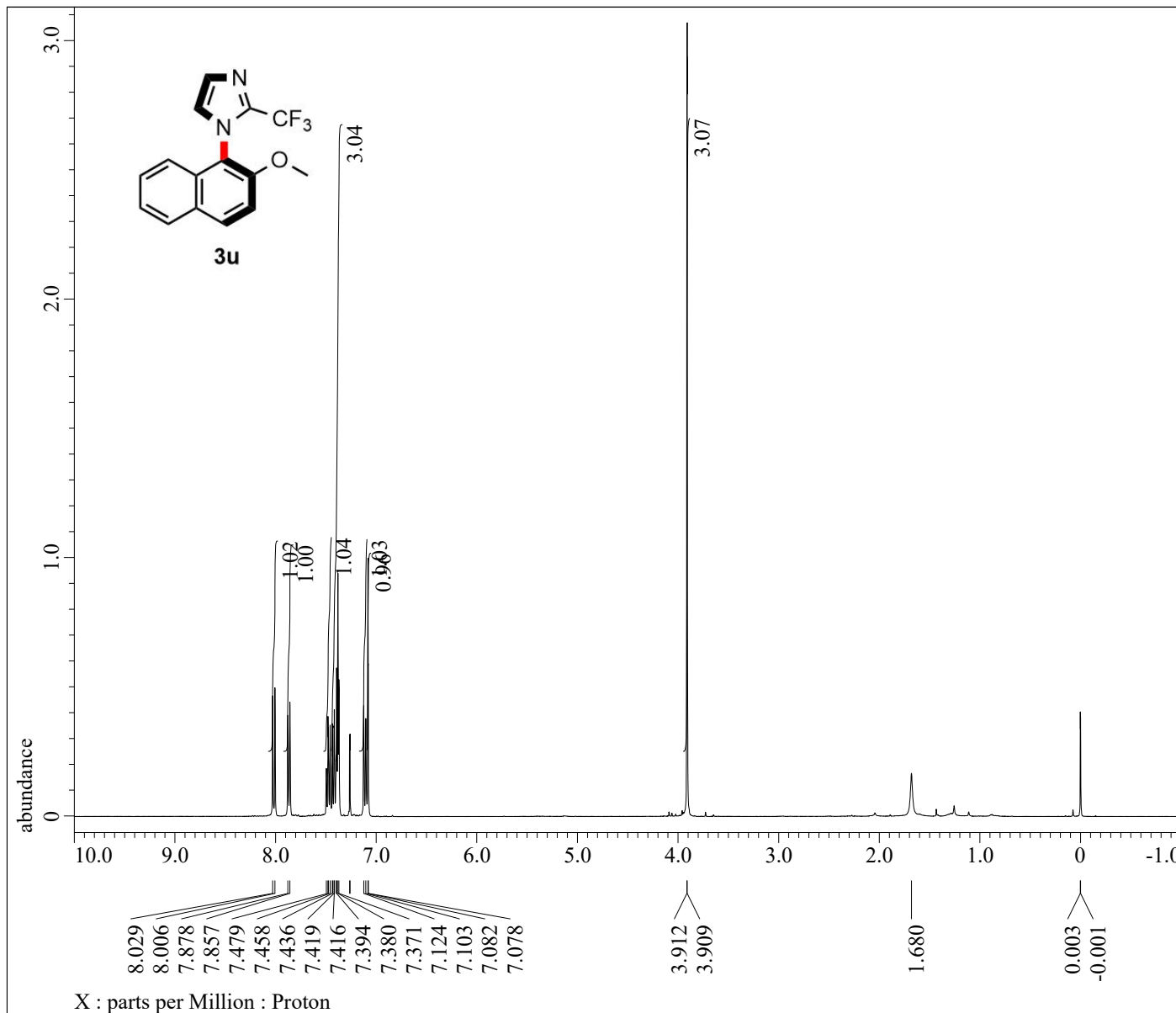
Filename           = MI-5-23-Imi-I-N
Author             = delta
Experiment         = carbon_auto.jpg
Sample_Id          = MI-5-23-Imi-I-N
Solvent            = CHLOROFORM-D
Actual_Start_Time  = 1-SEP-2023 17:
Revision_Time      = 14-OCT-2023 05:

Comment           = MI-5-23-Imi-I-N
Data_Format       = 1D COMPLEX
Dim_Size          = 26214
Dim_Title         = Carbon13
Dim_Units         = [ppm]
Dimensions        = X
Spectrometer      = JNM-ECZ400S/L1

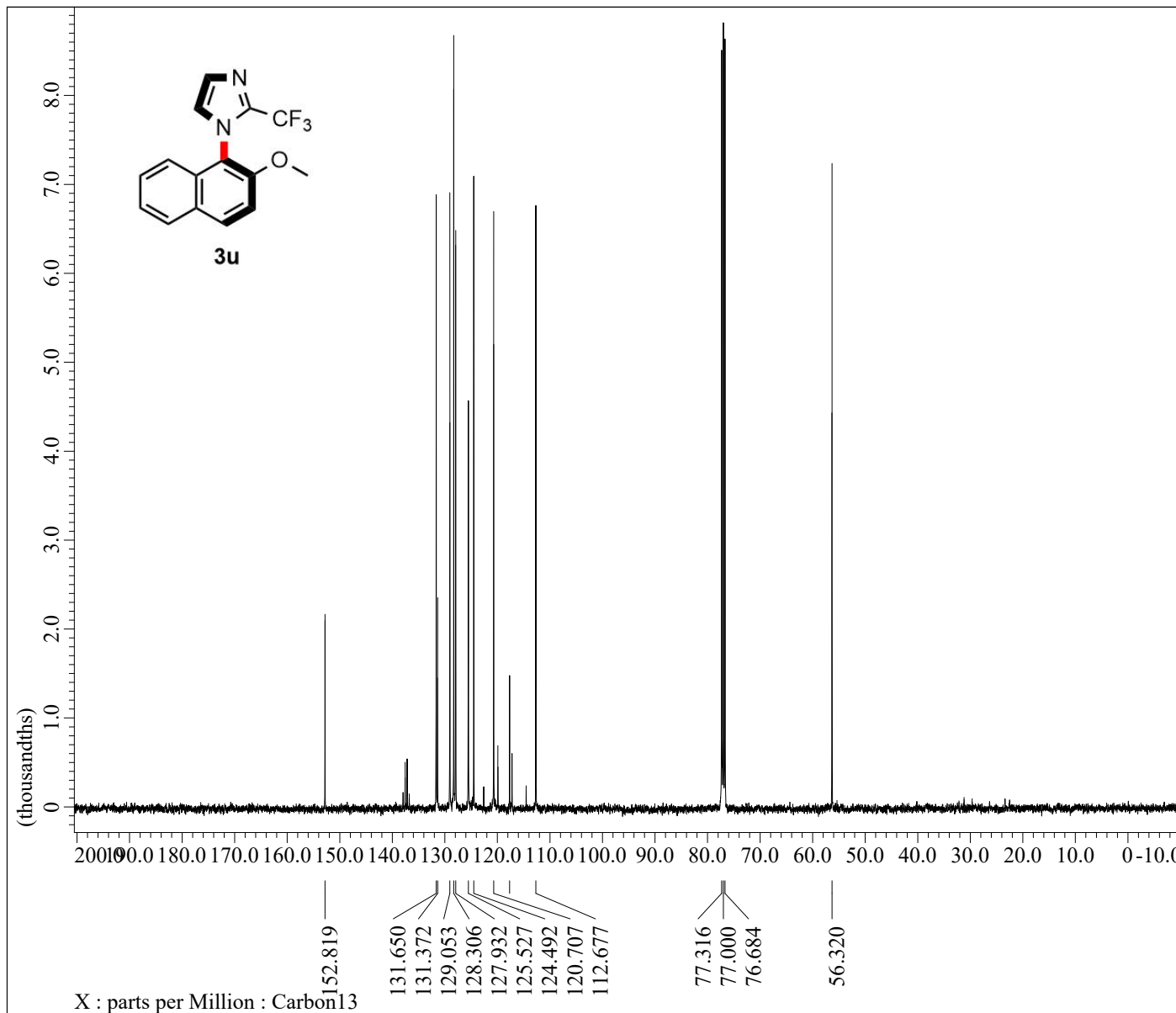
Field_Strength    = 9.389766[T] (40
X_Acq_Duration    = 1.03809024[s]
X_Domain          = Carbon13
X_Freq            = 100.52530333[MH
X_Offset          = 100[ppm]
X_Points          = 32768
X_Prescans        = 4
X_Resolution      = 0.96330739[Hz]
X_Sweep           = 31.56565657[kHz]
X_Sweep_Clipped  = 25.25252525[kHz]
Irr_Domain        = Proton
Irr_Freq          = 399.78219838[MH
Irr_Offset        = 5[ppm]
Blanking          = 5[us]
Clipped           = TRUE
Scans             = 512
Total_Scans       = 512

Relaxation_Delay  = 2[s]
Recvr_Gain        = 50
Temp_Get          = 21.4[dC]
X_90_Width        = 11.1[us]
X_Acq_Time        = 1.03809024[s]
X_Angle           = 30[deg]
X_Atn             = 8[dB]
X_Pulse           = 3.7[us]
Irr_Atn_Dec       = 29.152[dB]
Irr_Atn_Dec_Calc = 29.152[dB]
Irr_Atn_Dec_Default_Calc = 29.152[dB]
Irr_Atn_Noise    = 29.152[dB]
Irr_Dec_Bandwidth_Hz = 4.7826087[kHz]
Irr_Dec_Bandwidth_Ppm = 11.96303566[ppm]
Irr_Dec_Freq      = 399.78219838[MH
Irr_Dec_Merit_Factor = 2.2
Irr_Decoupling    = TRUE
Irr_Noise         = TRUE
Irr_Noise         = WALTZ

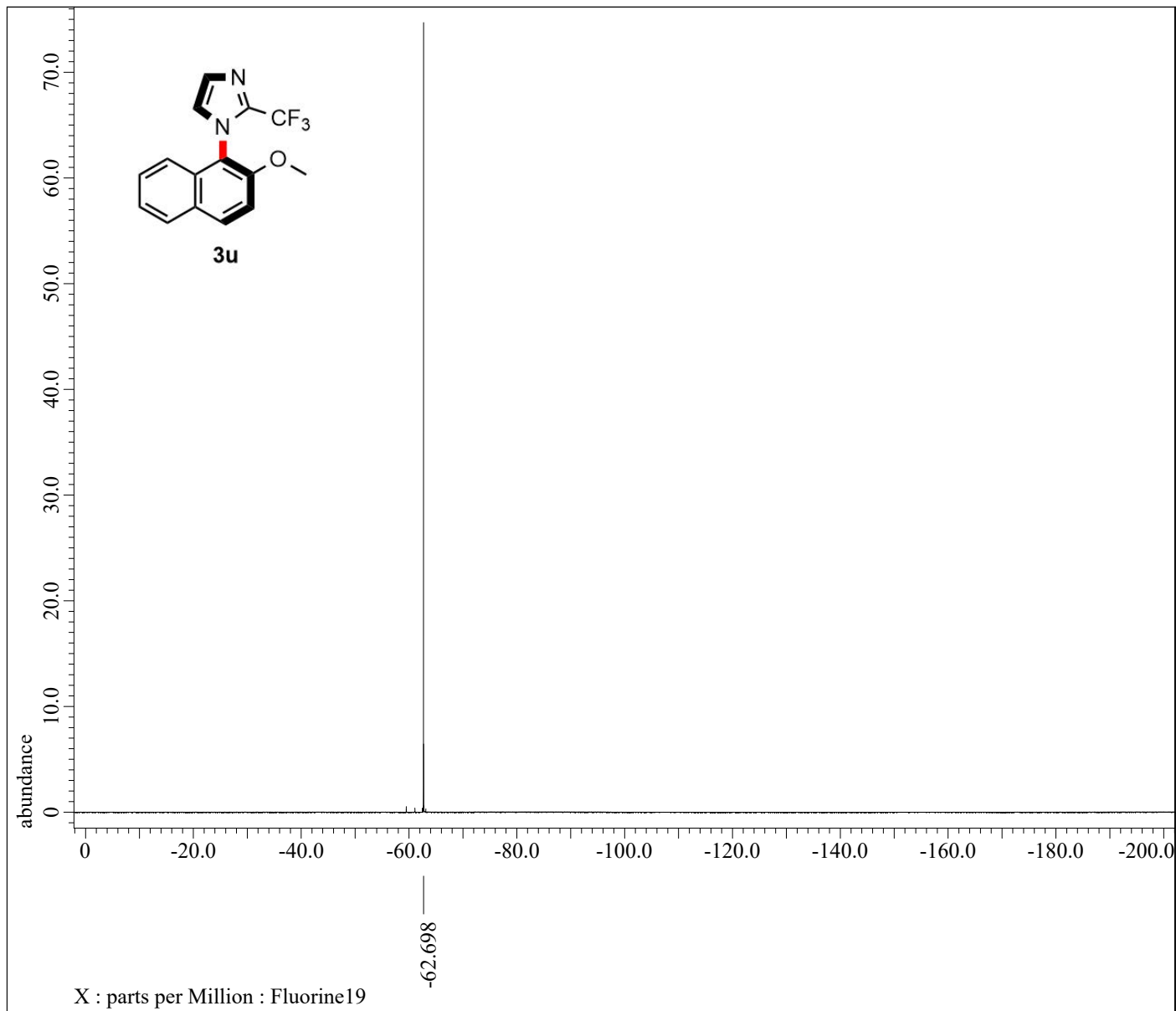
```



Filename	= MI-4-77-chilal-Imi
Author	= delta
Experiment	= proton_auto.jxp
Sample Id	= MI-4-77-chilal-Imi
Solvent	= CHLOROFORM-D
Actual_Start_Time	= 24-AUG-2023 11:00:
Revision_Time	= 14-OCT-2023 00:17:
Comment	= MI-4-77-chilal-Imi
Data_Format	= 1D COMPLEX
Dim_Size	= 13107
Dim_Title	= Proton
Dim_Units	= [ppm]
Dimensions	= X
Spectrometer	= JNM-ECZ400S/L1
Field_Strength	= 9.389766[T] (400[M
X_Acq_Duration	= 2.18628096[s]
X_Domain	= Proton
X_Freq	= 399.78219838[MHz]
X_Offset	= 5[ppm]
X_Points	= 16384
X_Prescans	= 1
X_Resolution	= 0.45739775[Hz]
X_Sweep	= 7.4940048[kHz]
X_Sweep_Clipped	= 5.99520384[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]
Blanking	= 2[us]
Clipped	= FALSE
Scans	= 8
Total_Scans	= 8
Relaxation_Delay	= 5[s]
Recvr_Gain	= 56
Temp_Get	= 21.8[dC]
X_90_Width	= 8[us]
X_Acq_Time	= 2.18628096[s]
X_Angle	= 45[deg]
X_Atn	= 6[dB]
X_Pulse	= 4[us]
Irr_Mode	= Off
Tri_Mode	= Off
Dante_Loop	= 500
Dante_Presat	= FALSE
Decimation_Rate	= 0
Experiment_Path	= c:\Program Files\J
Initial_Wait	= 1[s]
Phase	= {0, 90, 270, 180,



Filename	= MI-4-77-chiral-
Author	= delta
Experiment	= carbon_auto.jpg
Sample Id	= MI-4-77-chiral-
Solvent	= CHLOROFORM-D
Actual_Start_Time	= 31-AUG-2023 01:
Revision_Time	= 14-OCT-2023 05:
Comment	= MI-4-77-chiral-
Data_Format	= 1D COMPLEX
Dim_Size	= 26214
Dim_Title	= Carbon13
Dim_Units	= [ppm]
Dimensions	= X
Spectrometer	= JNM-ECZ400S/L1
Field_Strength	= 9.389766[T] (40
X_Acq_Duration	= 1.03809024[s]
X_Domain	= Carbon13
X_Freq	= 100.52530333[MH
X_Offset	= 100[ppm]
X_Points	= 32768
X_Prescans	= 4
X_Resolution	= 0.96330739[Hz]
X_Sweep	= 31.56565657[kHz
X_Sweep_Clipped	= 25.25252525[kHz
Irr_Domain	= Proton
Irr_Freq	= 399.78219838[MH
Irr_Offset	= 5[ppm]
Blanking	= 5[us]
Clipped	= TRUE
Scans	= 1024
Total_Scans	= 1024
Relaxation_Delay	= 2[s]
Recvr_Gain	= 50
Temp_Get	= 21.3[dC]
X_90_Width	= 11.1[us]
X_Acq_Time	= 1.03809024[s]
X_Angle	= 30[deg]
X_Atn	= 8[dB]
X_Pulse	= 3.7[us]
Irr_Atn_Dec	= 29.152[dB]
Irr_Atn_Dec_Calc	= 29.152[dB]
Irr_Atn_Dec_Default_Calc	= 29.152[dB]
Irr_Atn_No	= 29.152[dB]
Irr_Dec_Bandwidth_Hz	= 4.7826087[kHz]
Irr_Dec_Bandwidth_Ppm	= 11.96303566[ppm
Irr_Dec_Freq	= 399.78219838[MH
Irr_Dec_Merit_Factor	= 2.2
Irr_Decoupling	= TRUE
Irr_No	= TRUE
Irr_Noise	= WALTZ



```

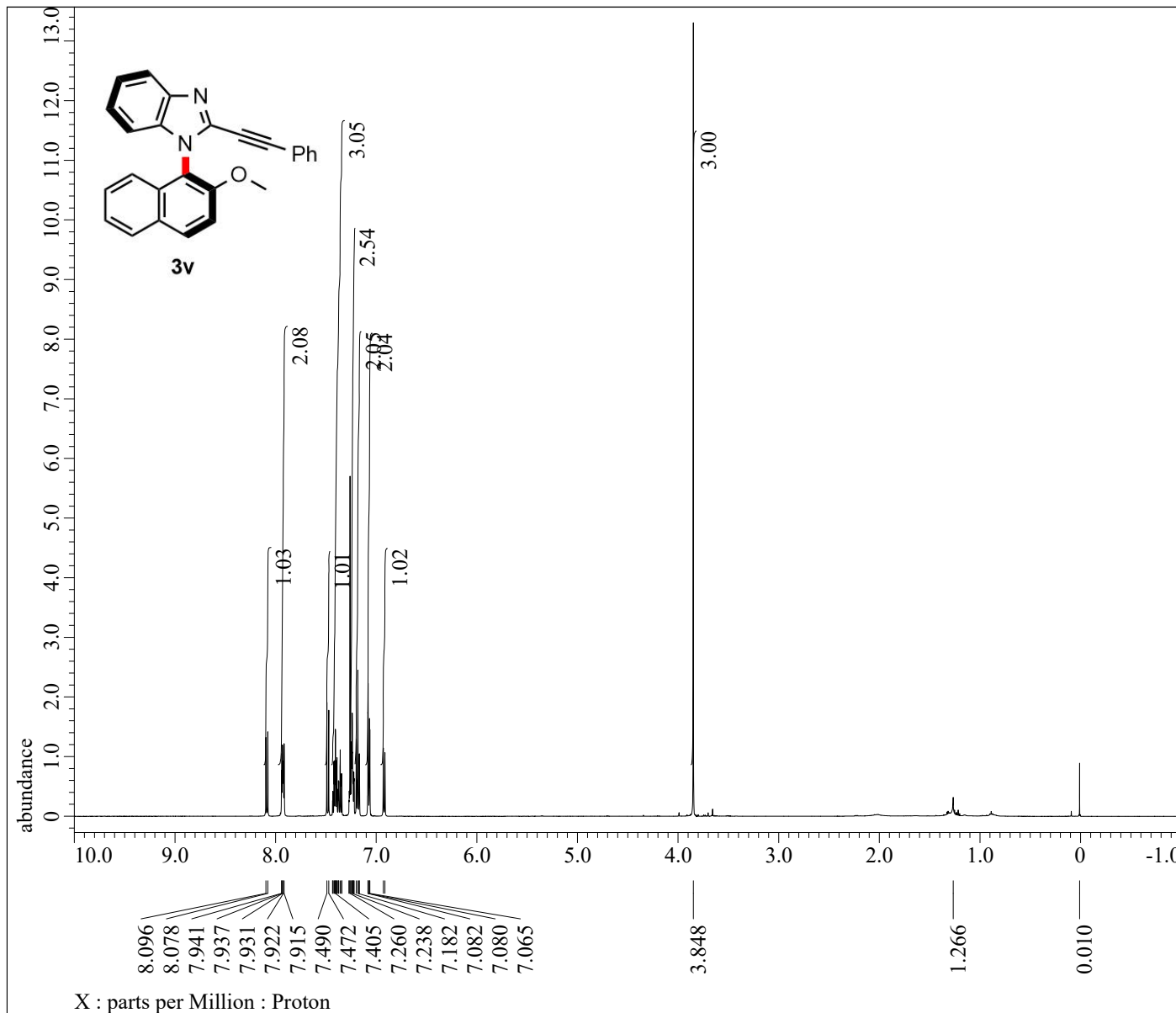
Filename      = MI-4-77-imi-CF3-Na
Author       = delta
Experiment   = single_pulse.jxp
Sample_Id    = MI-4-77-imi-CF3-Na
Solvent      = CHLOROFORM-D
Actual_Start_Time = 18-OCT-2023 15:38:
Revision_Time = 18-OCT-2023 22:46:

Comment      = MI-4-77-imi-CF3-Na
Data_Format  = 1D COMPLEX
Dim_Size     = 26214
Dim_Title    = Fluorine19
Dim_Units    = [ppm]
Dimensions   = X
Site         = ECA 500
Spectrometer = DELTA2_NMR

Field_Strength = 11.7473579[T] (500
X_Acq_Duration = 0.27262976[s]
X_Domain       = 19F
X_Freq         = 470.62046084[MHz]
X_Offset       = -100[ppm]
X_Points       = 32768
X_Prescans     = 1
X_Resolution   = 3.66797814[Hz]
X_Sweep        = 120.19230769[kHz]
X_Sweep_Clipped = 96.15384615[kHz]
Irr_Domain     = Fluorine19
Irr_Freq       = 470.62046084[MHz]
Irr_Offset     = 5[ppm]
Tri_Domain     = Fluorine19
Tri_Freq       = 470.62046084[MHz]
Tri_Offset     = 5[ppm]
Clipped        = FALSE
Scans          = 32
Total_Scans    = 32

Relaxation_Delay = 5[s]
Recvr_Gain       = 46
Temp_Get         = 19.5[dC]
X_90_Width      = 13.6[us]
X_Acq_Time       = 0.27262976[s]
X_Angle         = 45[deg]
X_Atn           = 2.5[dB]
X_Pulse         = 6.8[us]
Irr_Mode        = Off
Tri_Mode        = Off
Dante_Loop      = 500
Dante_Presat    = FALSE
Decimation_Rate = 0
Force_Dual_Mode = FALSE
Initial_Wait    = 1[s]
Presat_Time     = 5[s]

```



```

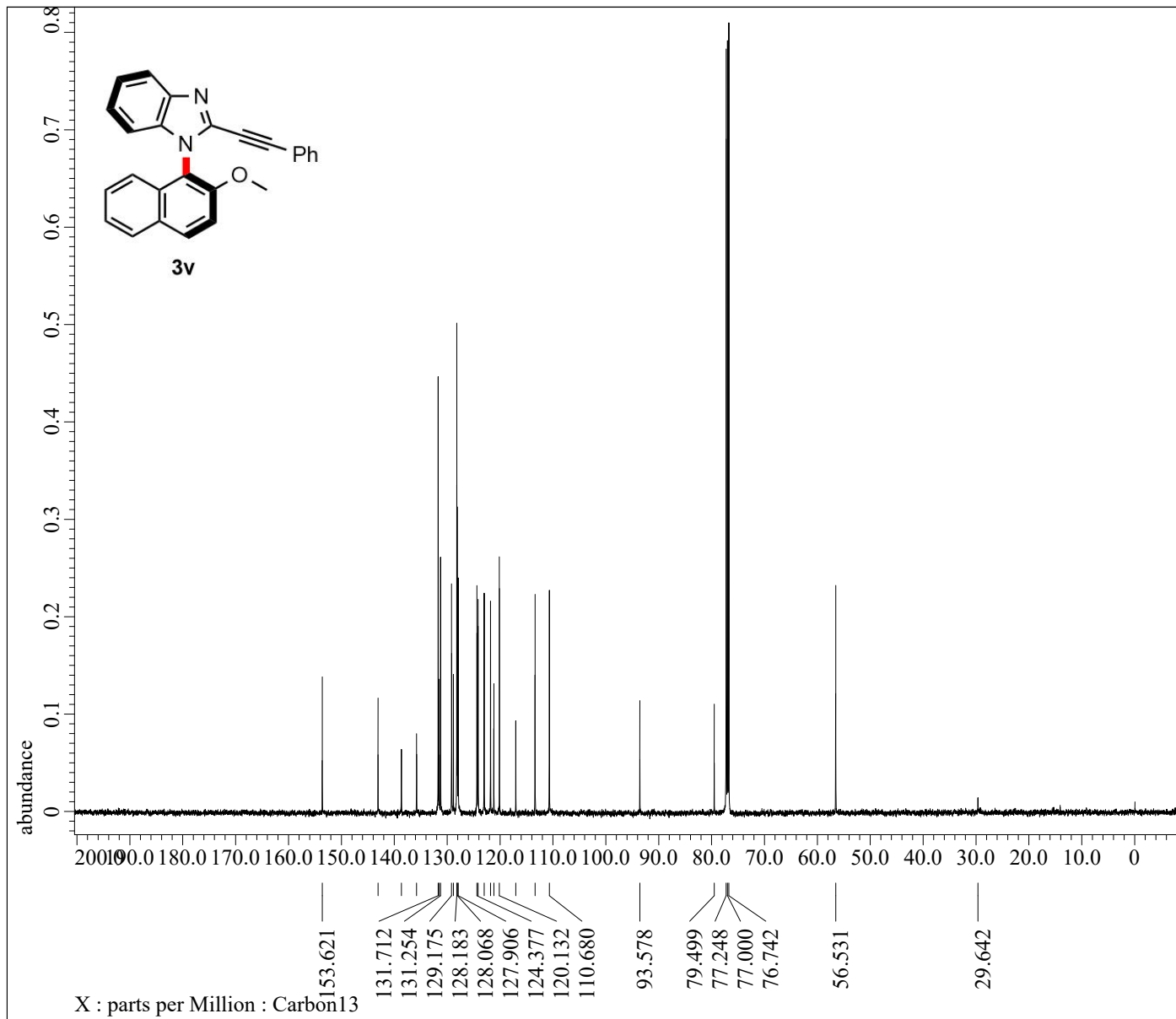
Filename      = YKK-2-58-after-GPC-1H-
Author        = delta
Experiment    = proton.jpg
Sample Id     = YKK-2-58-after-GPC-1H-
Solvent       = CHLOROFORM-D
Actual_Start_Time = 3-OCT-2023 19:50:26
Revision_Time = 16-OCT-2023 00:06:03

Comment      = YKK-2-58-after-GPC-1H-
Data_Format  = 1D COMPLEX
Dim_Size     = 13107
Dim_Title    = Proton
Dim_Units    = [ppm]
Dimensions   = X
Site         = ECA 500
Spectrometer = DELTA2_NMR

Field_Strength = 11.7473579 [T] (500 [MHz])
X_Acq_Duration = 1.74587904 [s]
X_Domain      = 1H
X_Freq       = 500.15991521 [MHz]
X_Offset     = 5.0 [ppm]
X_Points     = 16384
X_Prescans   = 1
X_Resolution = 0.57277737 [Hz]
X_Sweep      = 9.38438438 [kHz]
X_Sweep_Clip = 7.50750751 [kHz]
Irr_Domain   = Proton
Irr_Freq     = 500.15991521 [MHz]
Irr_Offset   = 5.0 [ppm]
Tri_Domain   = Proton
Tri_Freq     = 500.15991521 [MHz]
Tri_Offset   = 5.0 [ppm]
Clipped      = FALSE
Scans        = 8
Total_Scans  = 8

Relaxation_Delay = 5 [s]
Recvr_Gain       = 30
Temp_Get        = 19.5 [dC]
X_90_Width     = 12.7 [us]
X_Acq_Time     = 1.74587904 [s]
X_Angle        = 45 [deg]
X_Atn          = 3 [dB]
X_Pulse        = 6.35 [us]
Irr_Mode       = Off
Tri_Mode       = Off
Dante_Presat   = FALSE
Initial_Wait   = 1 [s]
Repetition_Time = 6.74587904 [s]

```



```

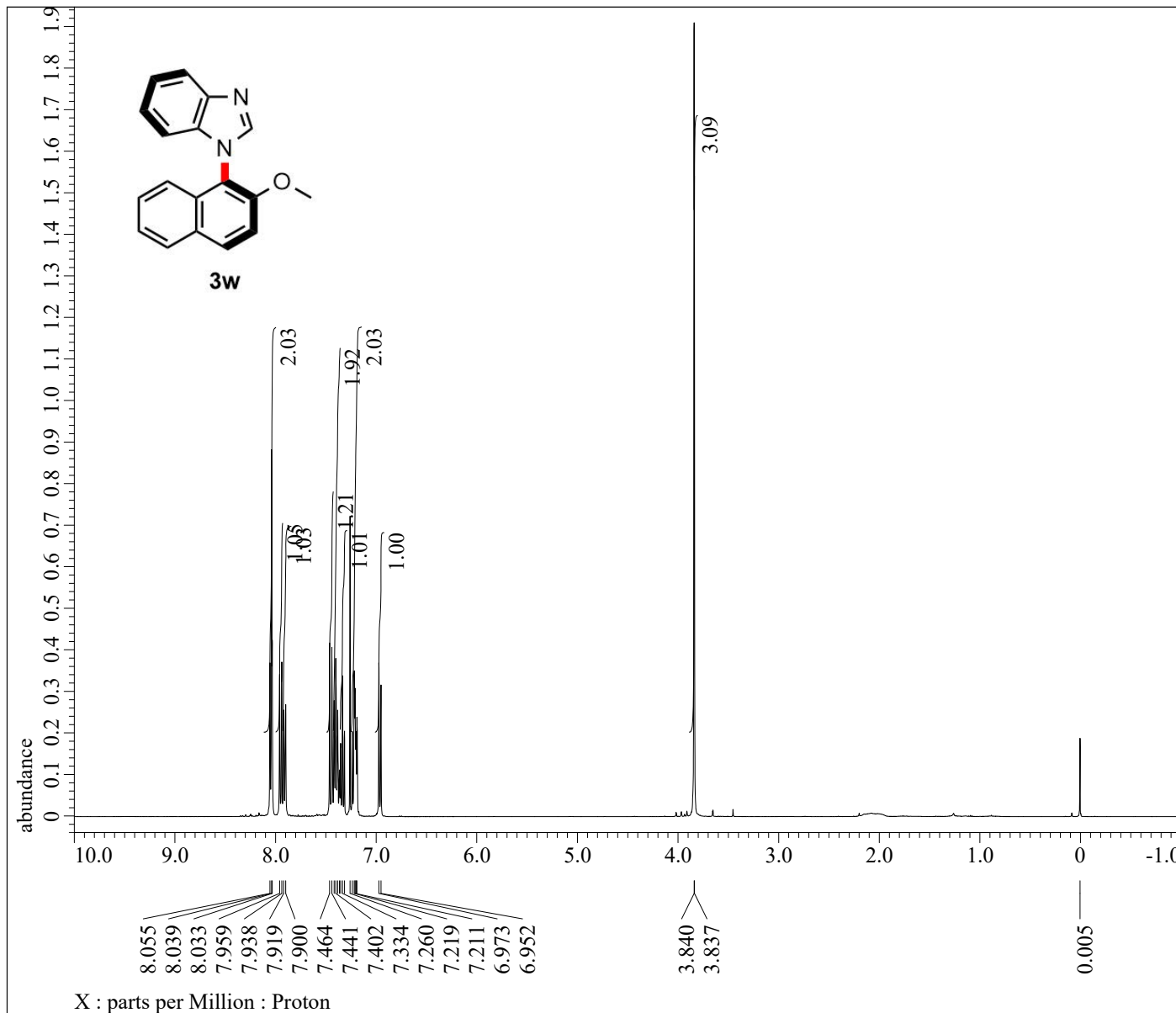
Filename      = YKK-2-58-after-GPC-13C
Author       = delta
Experiment   = carbon.jpg
Sample Id    = YKK-2-58-after-GPC-13C
Solvent      = CHLOROFORM-D
Actual_Start_Time = 3-OCT-2023 19:55:57
Revision_Time  = 16-OCT-2023 00:08:05

Comment      = YKK-2-58-after-GPC-13C
Data_Format  = 1D_COMPLEX
Dim_Size     = 26214
Dim_Title    = Carbon13
Dim_Units    = [ppm]
Dimensions   = X
Site         = ECA 500
Spectrometer = DELTA2_NMR

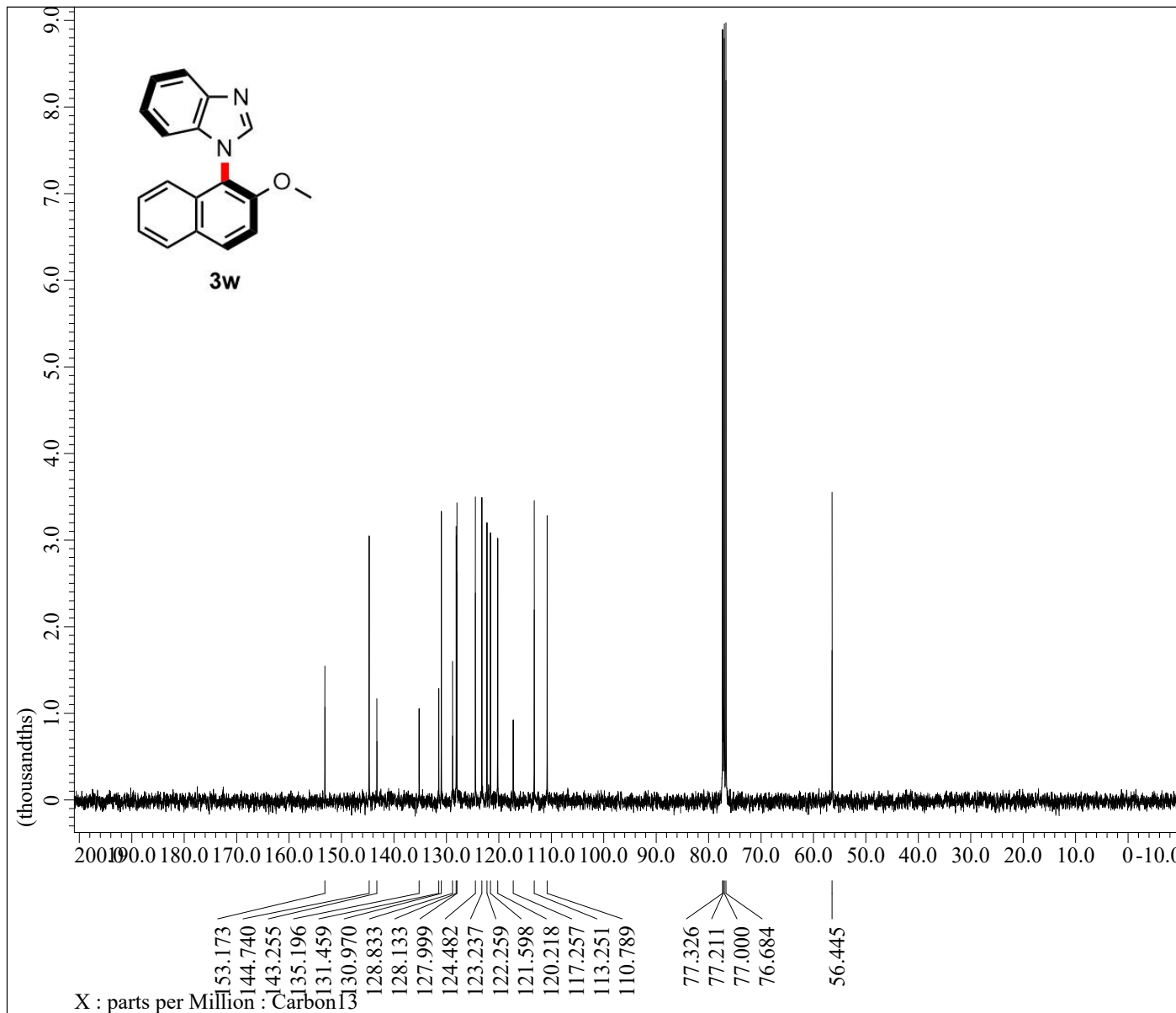
Field_Strength = 11.7473579[T] (500[MHz]
X_Acq_Duration = 0.83361792[s]
X_Domain       = 13C
X_Freq         = 125.76529768[MHz]
X_Offset       = 100[ppm]
X_Points      = 32768
X_Prescans    = 4
X_Resolution  = 1.19959034[Hz]
X_Sweep       = 39.3081761[kHz]
X_Sweep_Clipped = 31.44654088[kHz]
Irr_Domain    = Proton
Irr_Freq      = 500.15991521[MHz]
Irr_Offset    = 5.0[ppm]
Clipped       = TRUE
Scans         = 959
Total_Scans   = 959

Relaxation_Delay = 2[s]
Recvr_Gain       = 50
Temp_Get         = 20.8[dC]
X_90_Width      = 13.7[us]
X_Acq_Time      = 0.83361792[s]
X_Angle         = 30[deg]
X_Atn           = 5.5[dB]
X_Pulse         = 4.56666667[us]
Irr_Atn_Dec     = 20.2[dB]
Irr_Atn_No     = 20.2[dB]
Irr_Noise       = WALTZ
Irr_Pwidth      = 92[us]
Decoupling      = TRUE
Initial_Wait    = 1[s]
Noe             = TRUE
Noe_Time        = 2[s]
Repetition_Time = 2.83361792[s]

```

Filename	= MI-4-71-chiral-Ber
Author	= delta
Experiment	= proton_auto.jxp
Sample Id	= MI-4-71-chiral-Ber
Solvent	= CHLOROFORM-D
Actual_Start_Time	= 7-SEP-2023 19:17:
Revision_Time	= 13-OCT-2023 01:15:
Comment	= MI-4-71-chiral-Ber
Data_Format	= 1D COMPLEX
Dim_Size	= 13107
Dim_Title	= Proton
Dim_Units	= [ppm]
Dimensions	= X
Spectrometer	= JNM-ECZ400S/L1
Field_Strength	= 9.389766[T] (400[M
X_Acq_Duration	= 2.18628096[s]
X_Domain	= Proton
X_Freq	= 399.78219838[MHz]
X_Offset	= 5[ppm]
X_Points	= 16384
X_Prescans	= 1
X_Resolution	= 0.45739775[Hz]
X_Sweep	= 7.4940048[kHz]
X_Sweep_Clipped	= 5.99520384[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]
Blanking	= 2[us]
Clipped	= FALSE
Scans	= 8
Total_Scans	= 8
Relaxation_Delay	= 5[s]
Recvr_Gain	= 46
Temp_Get	= 21.1[dC]
X_90_Width	= 8[us]
X_Acq_Time	= 2.18628096[s]
X_Angle	= 45[deg]
X_Atn	= 6[dB]
X_Pulse	= 4[us]
Irr_Mode	= Off
Tri_Mode	= Off
Dante_Loop	= 500
Dante_Presat	= FALSE
Decimation_Rate	= 0
Experiment_Path	= c:\Program Files\J
Initial_Wait	= 1[s]
Phase	= {0, 90, 270, 180,



Filename	= MI-4-71-chiral-
Author	= delta
Experiment	= carbon_auto.jpg
Sample Id	= MI-4-71-chiral-
Solvent	= CHLOROFORM-D
Actual_Start_Time	= 7-SEP-2023 21:
Revision_Time	= 14-OCT-2023 01:
Comment	= MI-4-71-chiral-
Data_Format	= 1D COMPLEX
Dim_Size	= 26214
Dim_Title	= Carbon13
Dim_Units	= [ppm]
Dimensions	= X
Spectrometer	= JNM-ECZ400S/L1
Field_Strength	= 9.389766[T] (40
X_Acq_Duration	= 1.03809024[s]
X_Domain	= Carbon13
X_Freq	= 100.52530333[MH
X_Offset	= 100[ppm]
X_Points	= 32768
X_Prescans	= 4
X_Resolution	= 0.96330739[Hz]
X_Sweep	= 31.56565657[kHz
X_Sweep_Clipped	= 25.25252525[kHz
Irr_Domain	= Proton
Irr_Freq	= 399.78219838[MH
Irr_Offset	= 5[ppm]
Blanking	= 5[us]
Clipped	= TRUE
Scans	= 256
Total_Scans	= 256
Relaxation_Delay	= 2[s]
Recvr_Gain	= 50
Temp_Get	= 20.9[dC]
X_90_Width	= 11.1[us]
X_Acq_Time	= 1.03809024[s]
X_Angle	= 30[deg]
X_Atn	= 8[dB]
X_Pulse	= 3.7[us]
Irr_Atn_Dec	= 29.152[dB]
Irr_Atn_Dec_Calc	= 29.152[dB]
Irr_Atn_Dec_Default_Calc	= 29.152[dB]
Irr_Atn_No	= 29.152[dB]
Irr_Dec_Bandwidth_Hz	= 4.7826087[kHz]
Irr_Dec_Bandwidth_Ppm	= 11.96303566[ppm
Irr_Dec_Freq	= 399.78219838[MH
Irr_Dec_Merit_Factor	= 2.2
Irr_Decoupling	= TRUE
Irr_No	= TRUE
Irr_Noise	= WALTZ