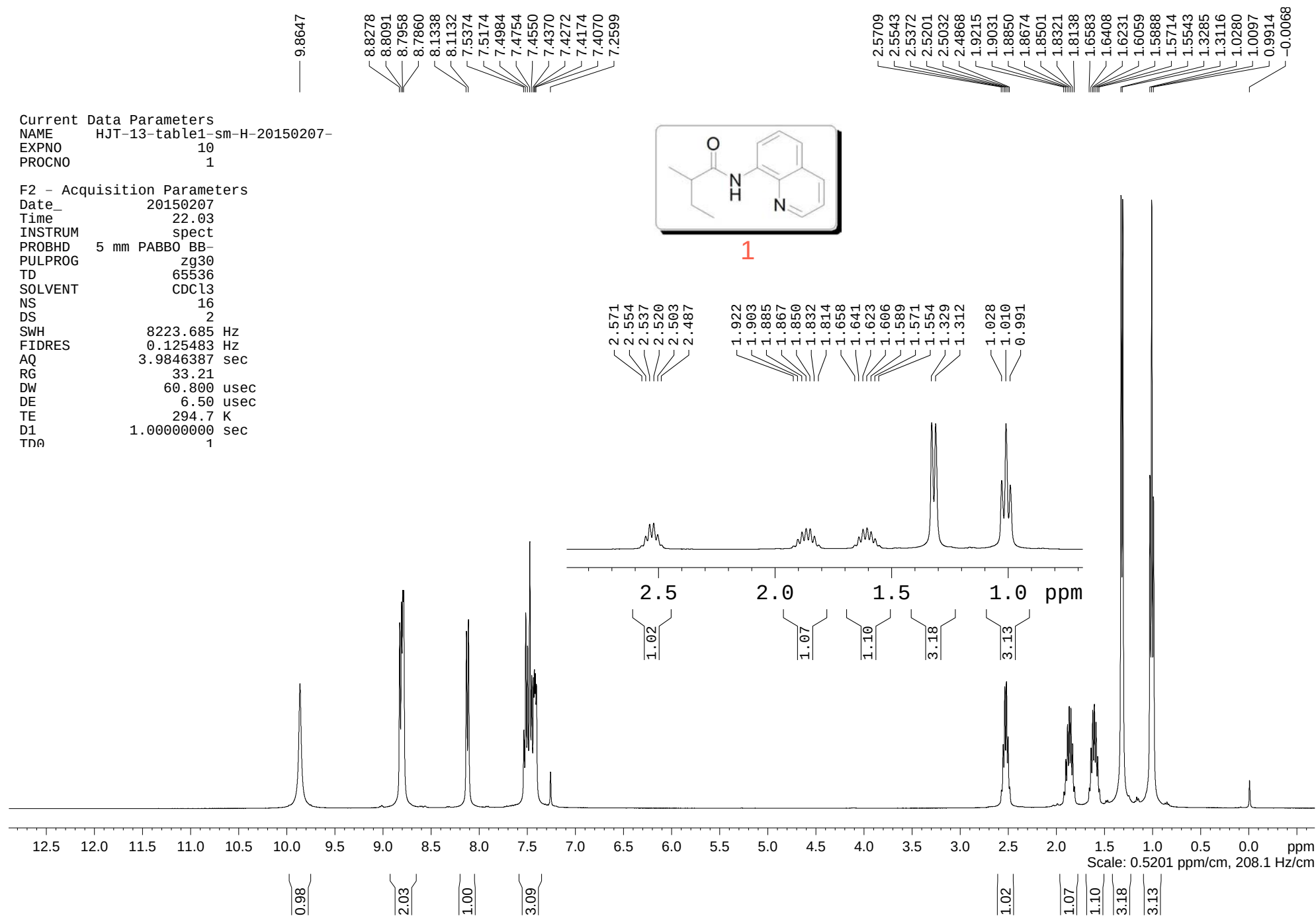
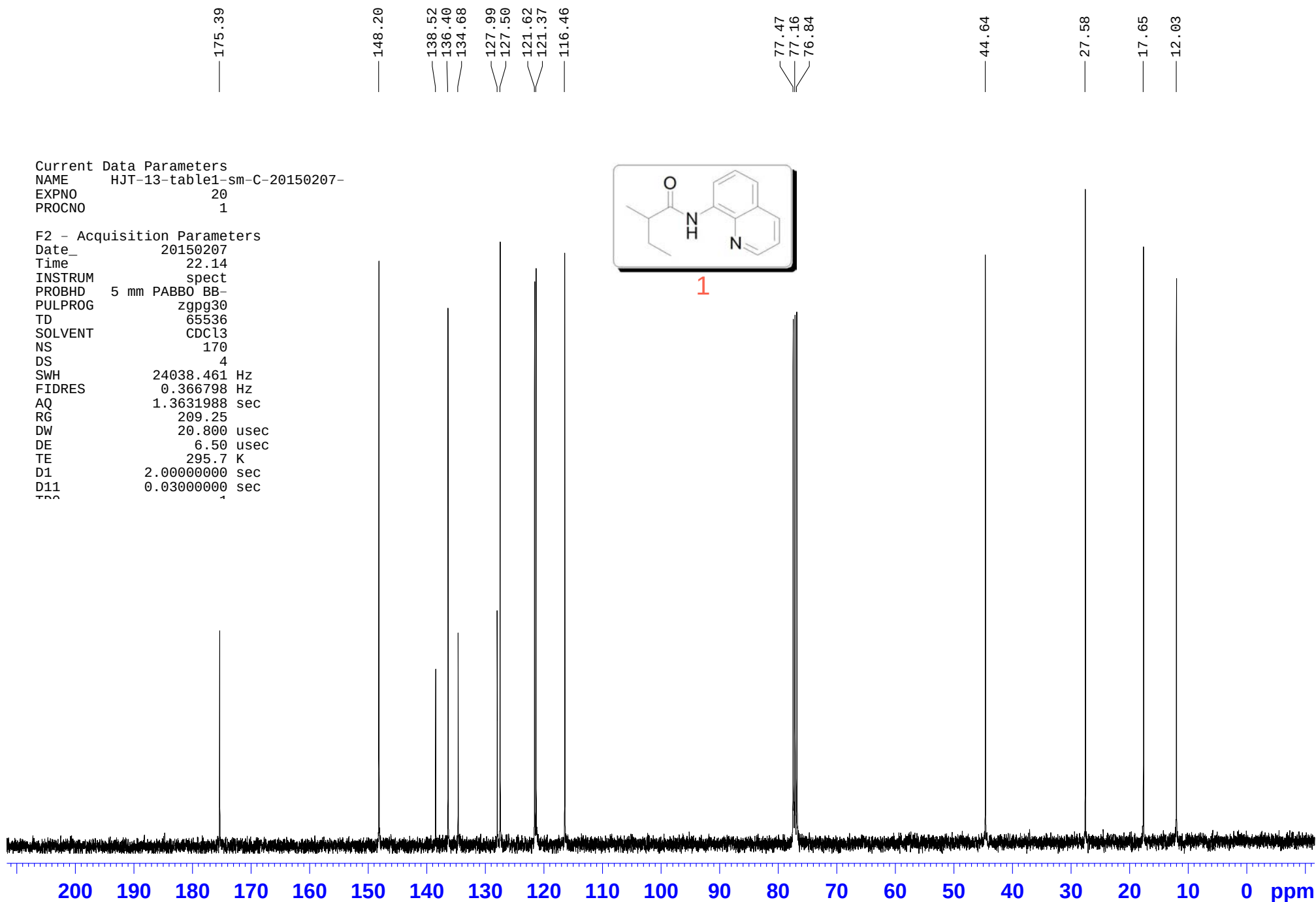
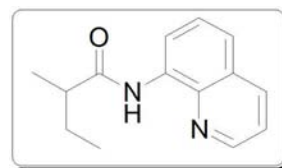




Current Data Parameters
NAME HJT-13-table1-sm-C-20150207-
EXPNO 20
PROCNO 1

F2 - Acquisition Parameters

Date_ 20150207
Time 22.14
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 170
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.3631988 sec
RG 209.25
DW 20.800 usec
DE 6.50 usec
TE 295.7 K
D1 2.00000000 sec
D11 0.03000000 sec
TSC 1



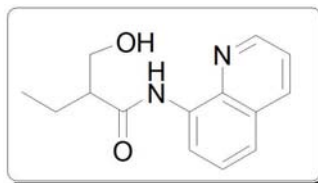
10.0036
8.7245
8.7219
8.7143
8.7112
8.7055
8.7002
8.6882
8.6832
8.0372
8.0346
8.0167
8.0140
7.4187
7.3981
7.3815
7.3621
7.3484
7.3379
7.3278
7.3172
7.2560

3.9552
3.9361
3.9280
3.9091
3.8668
3.8567
3.8395
3.8293
3.6313
2.6727
2.6537
2.6429
2.6376
2.6270
2.6081
1.8637
1.8448
1.8260
1.8095
1.7912
1.7722
1.7534
1.6991
1.6807
1.6633
1.6460
1.6282
1.6114
1.5933
1.0068
0.9882
0.9696

Current Data Parameters
NAME 20140809-ltl-1-256-h
EXPNO 10
PROCNO 1

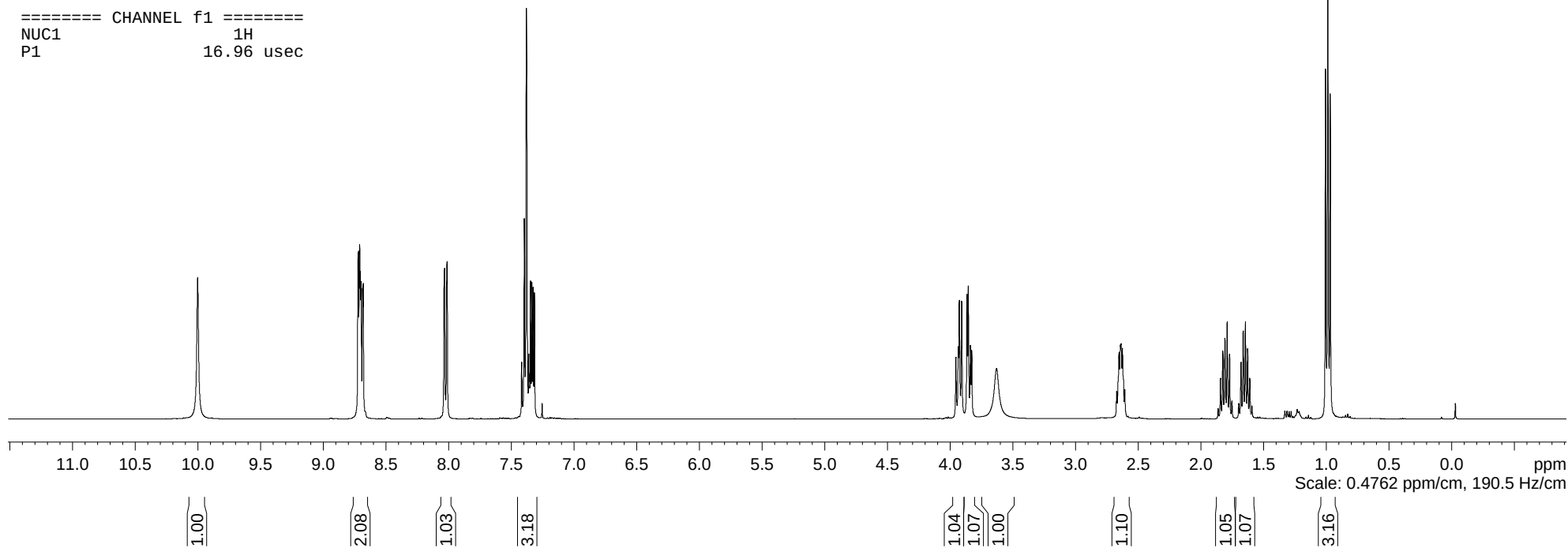
F2 - Acquisition Parameters

Date_ 20140809
Time 22.04
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 16
DS 2
SWH 8223.685 Hz
FIDRES 0.125483 Hz
AQ 3.9846387 sec
RG 18.51
DW 60.800 usec
DE 6.50 usec
TE 299.3 K
D1 1.00000000 sec
TD0 1



2

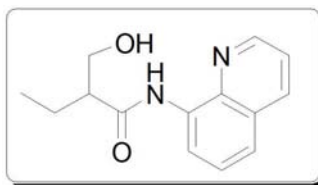
===== CHANNEL f1 =====
NUC1 1H
P1 16.96 usec



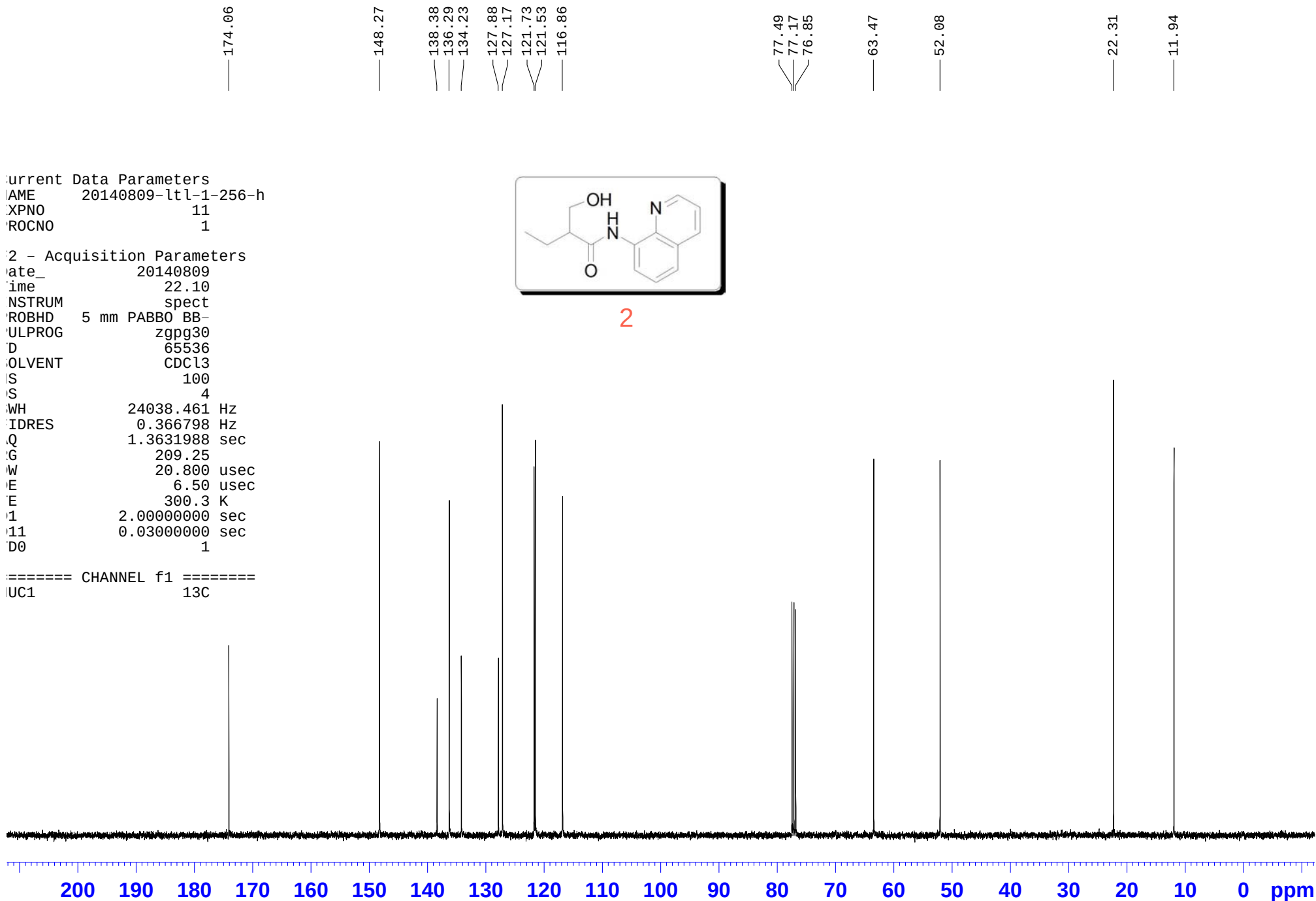
Current Data Parameters
 NAME 20140809-1tl-1-256-h
 XPNO 11
 ROCNO 1

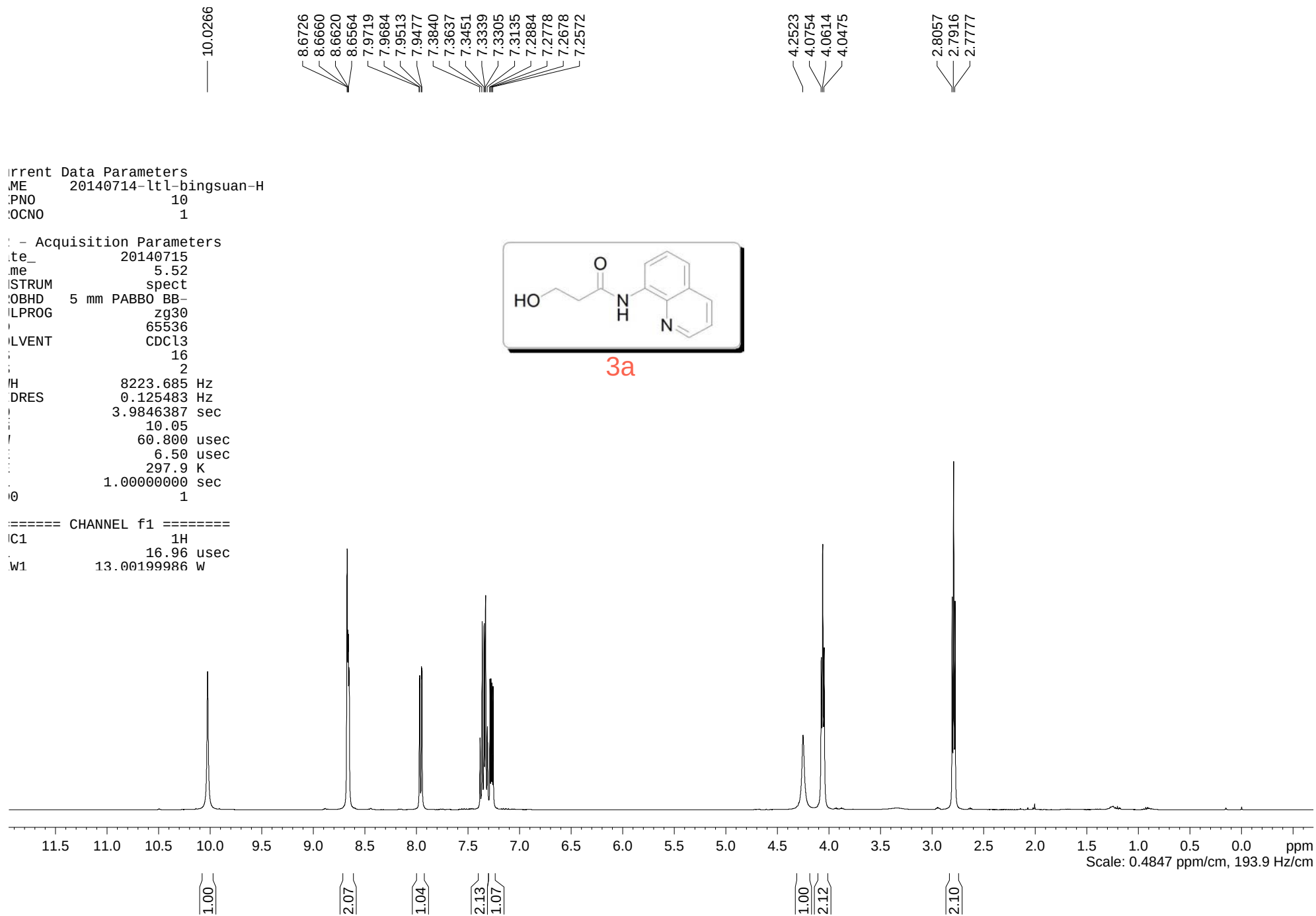
2 - Acquisition Parameters
 Date_ 20140809
 Time 22.10
 NSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG zgpg30
 PD 65536
 SOLVENT CDCl3
 S 100
 S 4
 WH 24038.461 Hz
 IDRES 0.366798 Hz
 AQ 1.3631988 sec
 RG 209.25
 W 20.800 usec
 IE 6.50 usec
 E 300.3 K
 F1 2.00000000 sec
 F2 0.03000000 sec
 D0 1

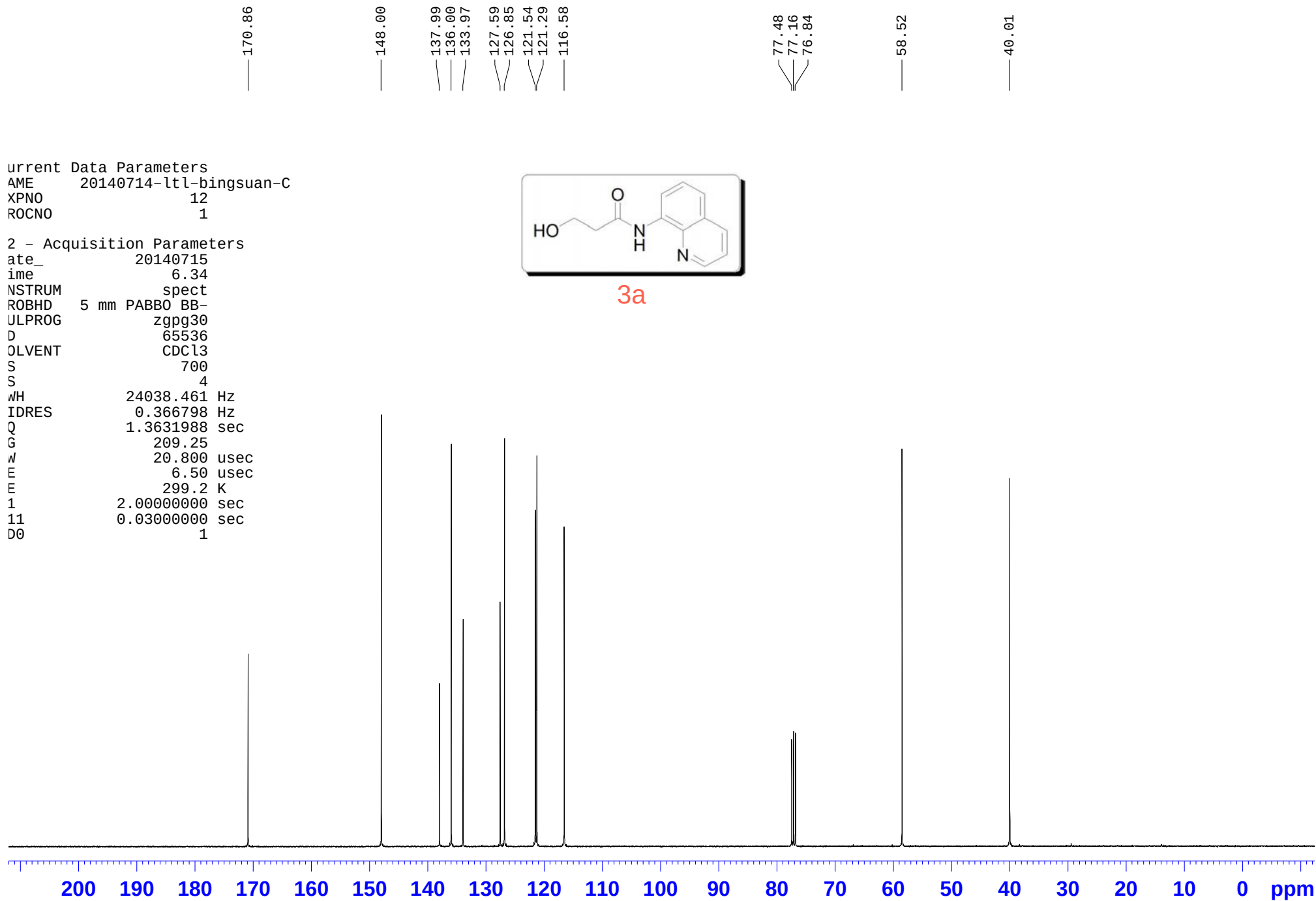
===== CHANNEL f1 =====
 UC1 13C



2







10.0645
8.8023 8.7937 8.7494 8.7335
8.1531 8.1327
7.5350 7.5153 7.4999 7.4543 7.4457 7.4361 7.4259 7.2599

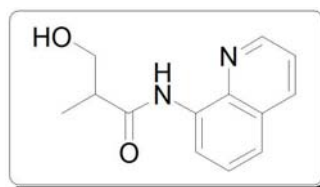
3.9227 3.8960 3.8765
2.9703 2.9072 2.8918 2.8767 2.8626
1.3740 1.3567

Current Data Parameters

NAME ltl-20150112-1
EXPNO 20
PROCNO 1

F2 - Acquisition Parameters

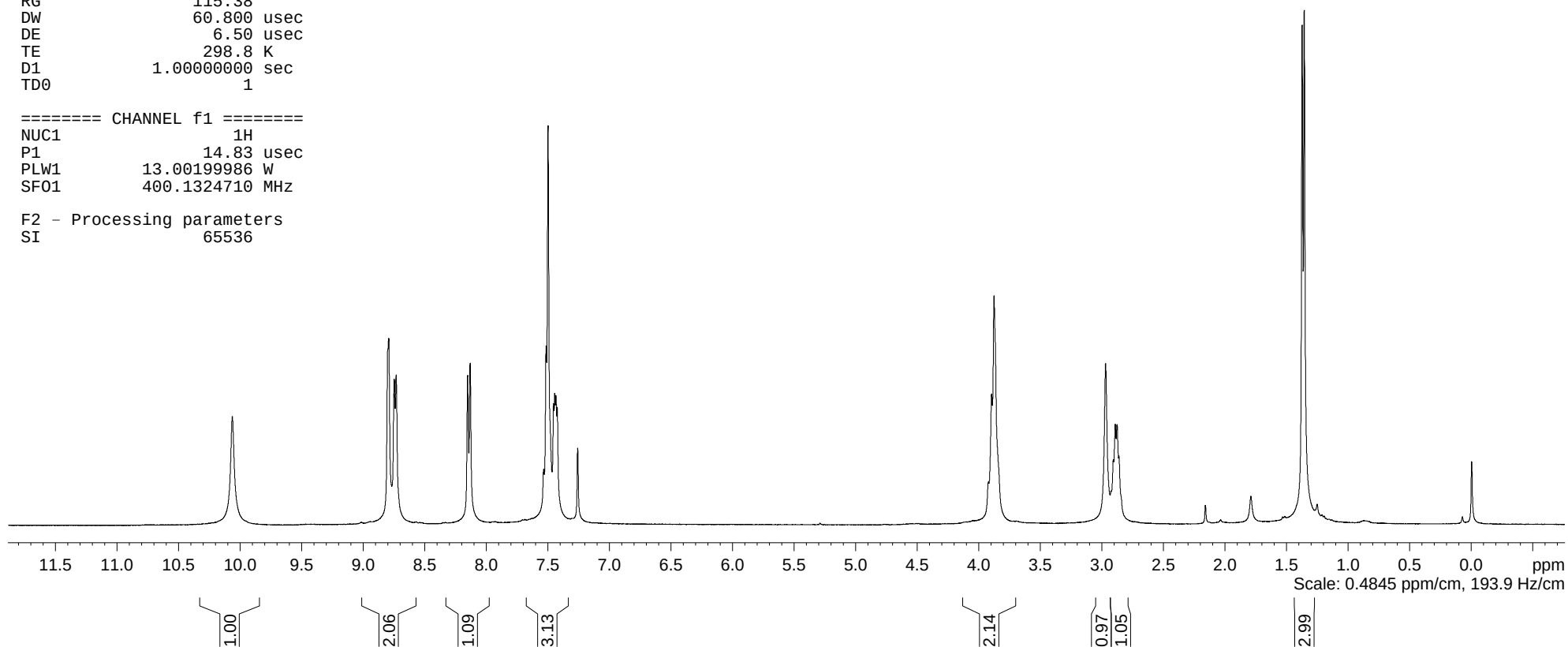
Date_ 20150112
Time 15.10
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 16
DS 2
SWH 8223.685 Hz
FIDRES 0.125483 Hz
AQ 3.9846387 sec
RG 115.38
DW 60.800 usec
DE 6.50 usec
TE 298.8 K
D1 1.00000000 sec
TD0 1



3b

===== CHANNEL f1 =====
NUC1 1H
P1 14.83 usec
PLW1 13.00199986 W
SF01 400.1324710 MHz

F2 - Processing parameters
SI 65536

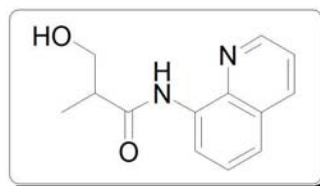


Current Data Parameters
NAME ltl-20150112-1-C
EXPNO 22
PROCNO 1

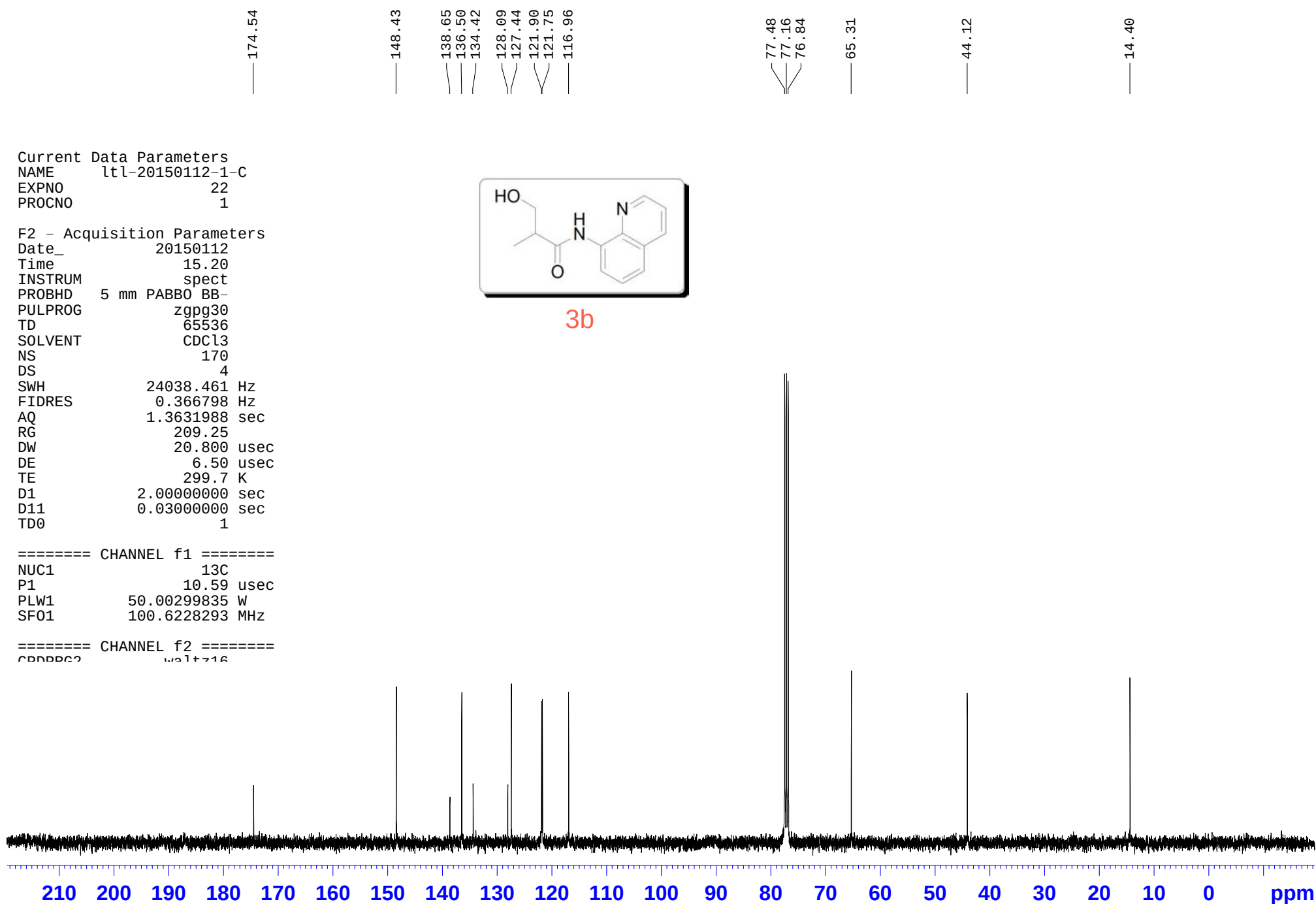
F2 - Acquisition Parameters
Date_ 20150112
Time 15.20
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 170
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.3631988 sec
RG 209.25
DW 20.800 usec
DE 6.50 usec
TE 299.7 K
D1 2.00000000 sec
D11 0.03000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 13C
P1 10.59 usec
PLW1 50.00299835 W
SF01 100.6228293 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16



3b



Current Data Parameters

NAME 20150113-ltl-1
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters

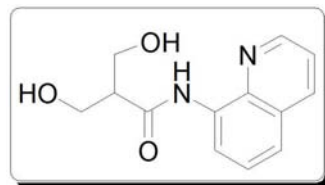
Date_ 20150113
Time 9.45
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT MeOD
NS 16
DS 2
SWH 8223.685 Hz
FIDRES 0.125483 Hz
AQ 3.9846387 sec
RG 144.49
DW 60.800 usec
DE 6.50 usec
TE 297.7 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====

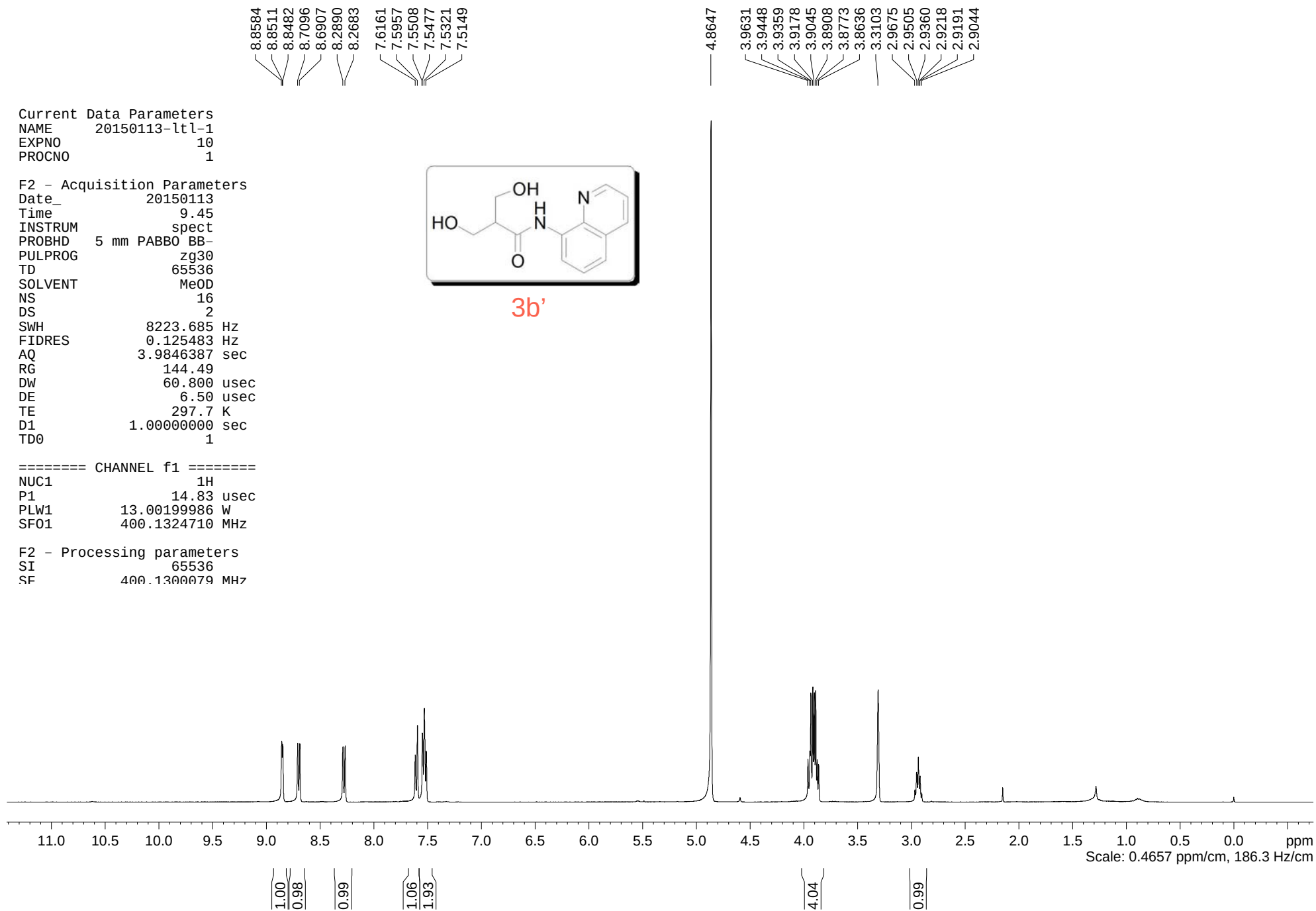
NUC1 1H
P1 14.83 usec
PLW1 13.00199986 W
SF01 400.1324710 MHz

F2 - Processing parameters

SI 65536
SF 400.1300079 MHz



3b'



```

Current Data Parameters
NAME      20150113-ltl-1-C
XPNO      10
ROCNO     1

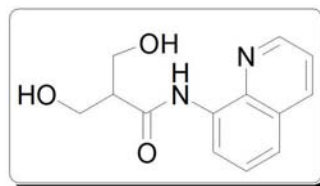
2 - Acquisition Parameters
Date_     20150113
Time      14.29
NSTRUM    spect
PROBHD    5 mm PABBO BB-
PULPROG   zgpg30
D         65536
SOLVENT   MeOD
S         928
S         4
WH        24038.461 Hz
IDRES     0.366798 Hz
AQ        1.3631988 sec
RG        209.25
W         20.800 usec
IE        6.50 usec
E         299.2 K
F1        2.00000000 sec
F11       0.03000000 sec
D0        1

```

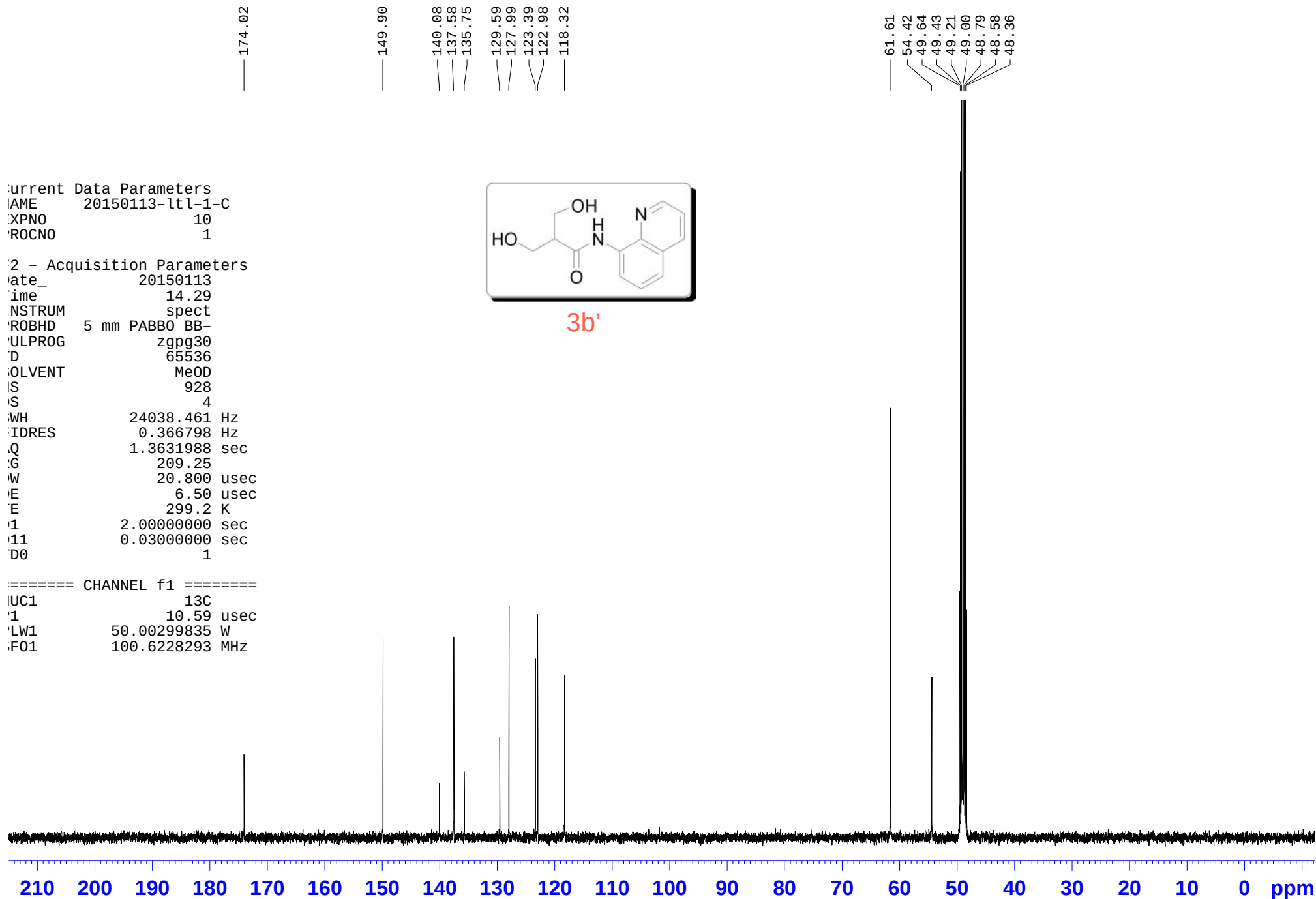
```

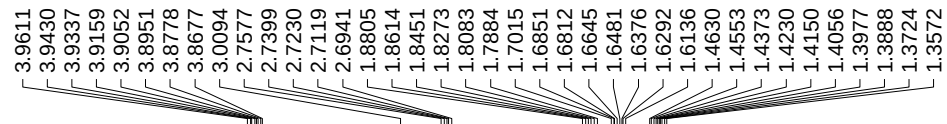
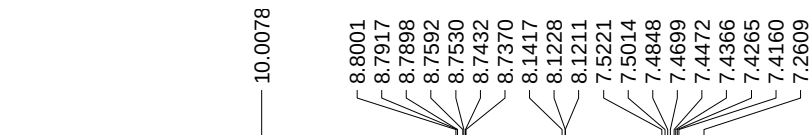
===== CHANNEL f1 =====
UC1       13C
F1        10.59 usec
LW1       50.00299835 W
FO1       100.6228293 MHz

```



3b'





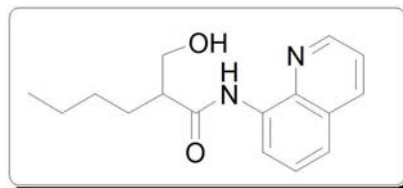
Current Data Parameters
NAME 20140811-ltl-1-258
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters

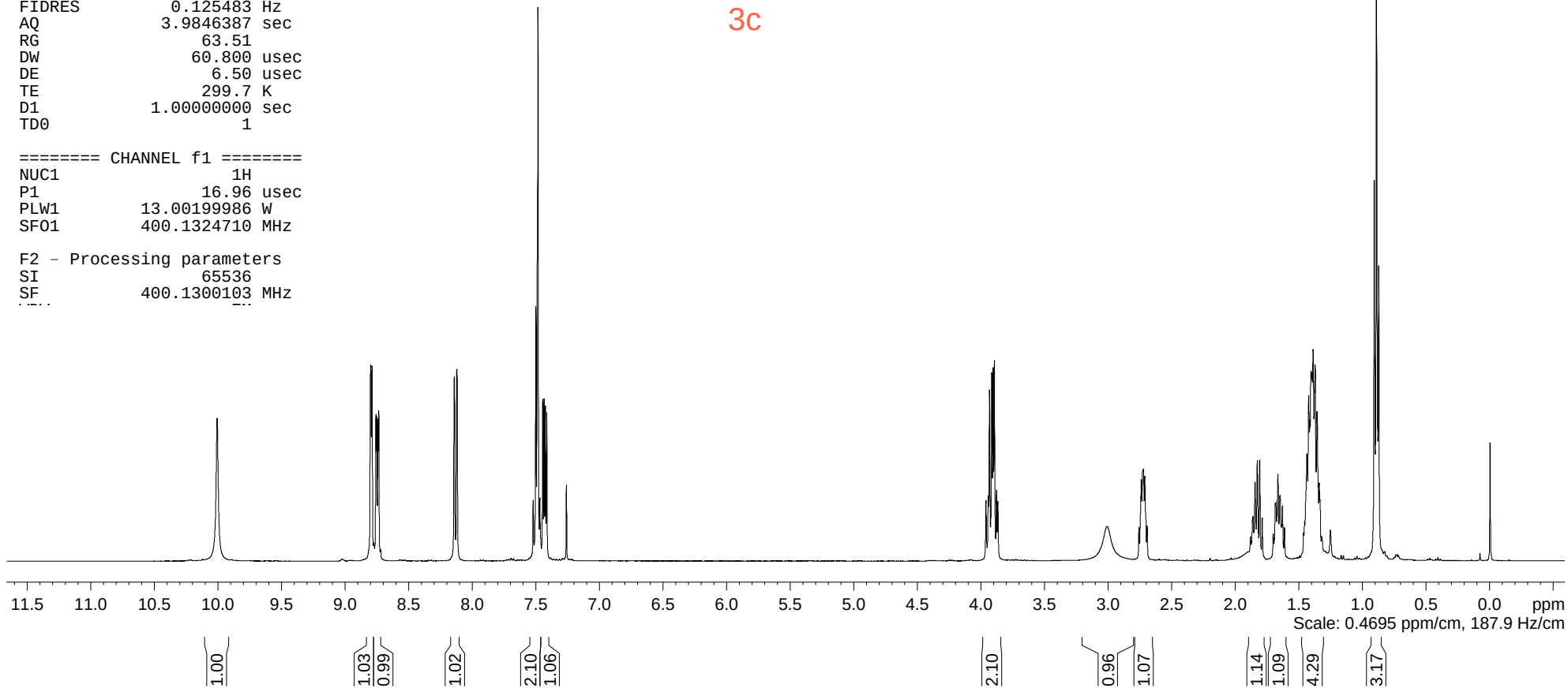
Date_ 20140811
Time 18.10
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 16
DS 2
SWH 8223.685 Hz
FIDRES 0.125483 Hz
AQ 3.9846387 sec
RG 63.51
DW 60.800 usec
DE 6.50 usec
TE 299.7 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 16.96 usec
PLW1 13.00199986 W
SF01 400.1324710 MHz

F2 - Processing parameters
SI 65536
SF 400.1300103 MHz



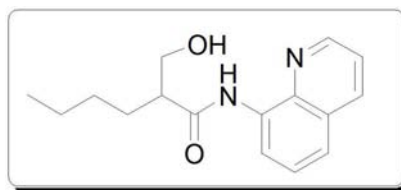
3c



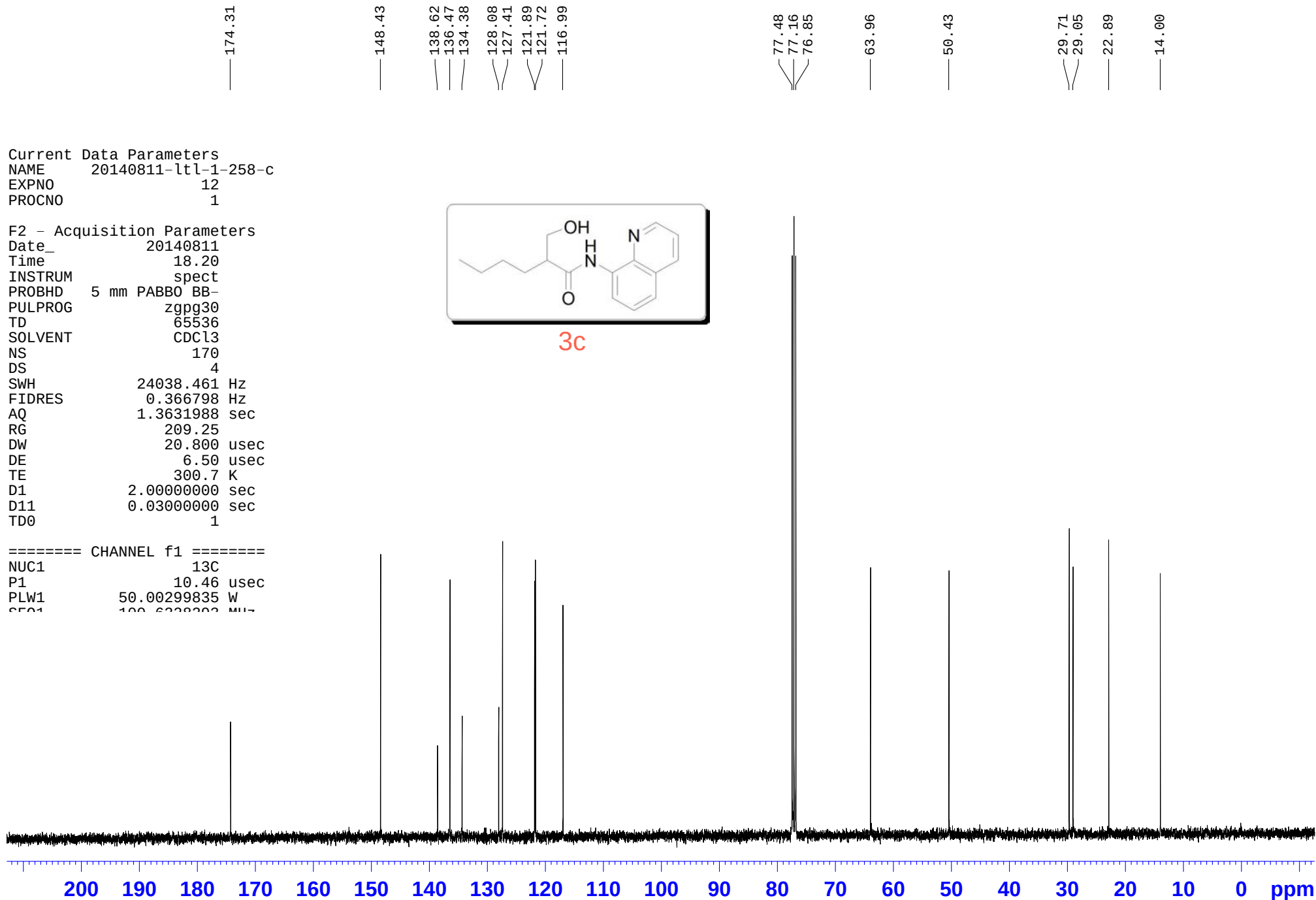
Current Data Parameters
NAME 20140811-ltl-1-258-c
EXPNO 12
PROCNO 1

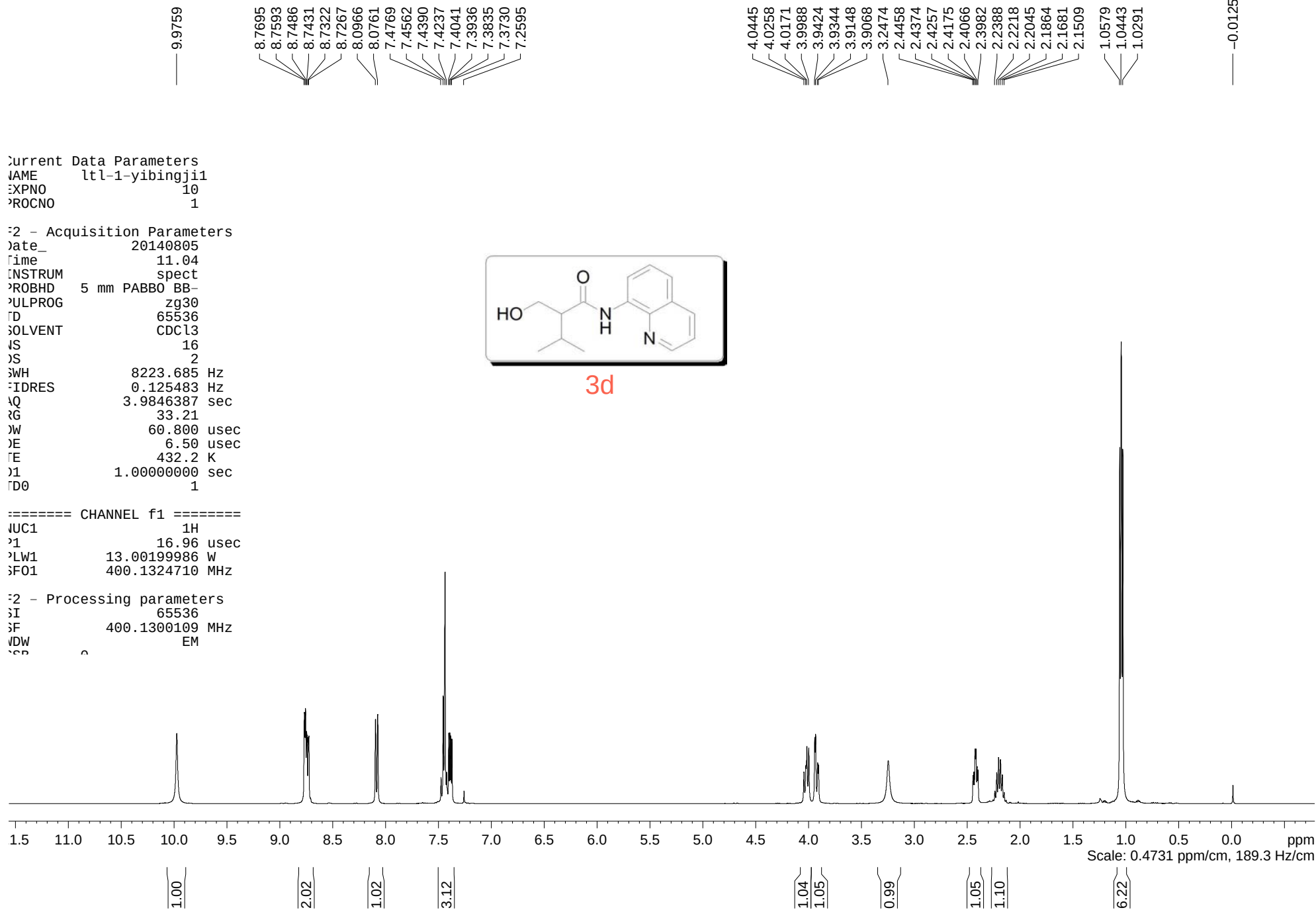
F2 - Acquisition Parameters
Date_ 20140811
Time 18.20
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 170
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.3631988 sec
RG 209.25
DW 20.800 usec
DE 6.50 usec
TE 300.7 K
D1 2.00000000 sec
D11 0.03000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 13C
P1 10.46 usec
PLW1 50.00299835 W
SFO1 100.6282603 MHz



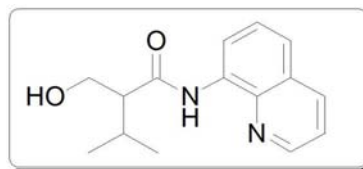
3c



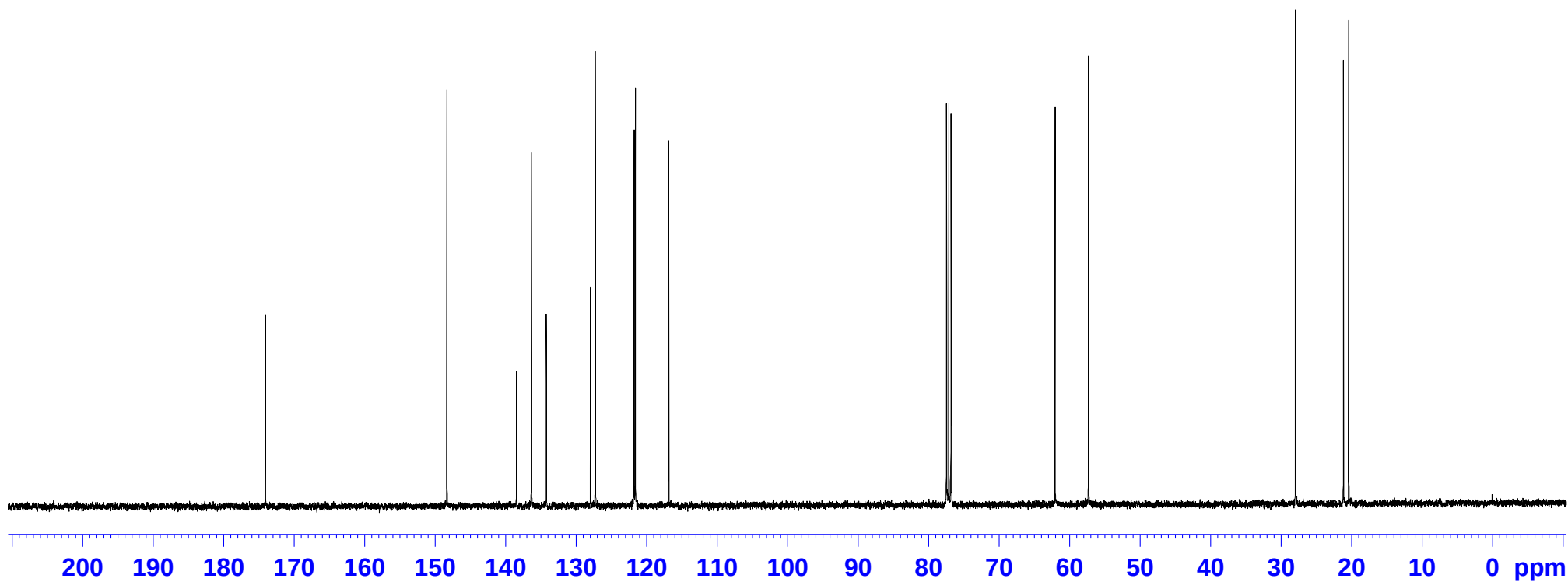


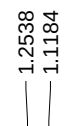
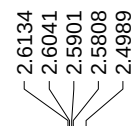
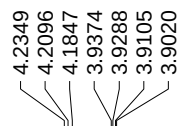
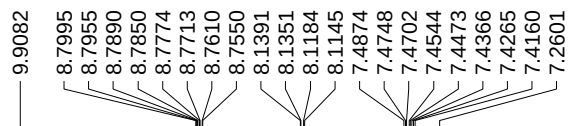
Current Data Parameters
NAME ltl-1-yibingj1
EXPNO 11
PROCNO 1

F2 - Acquisition Parameters
Date_ 20140805
Time 11.16
INSTRUM spect
PROBHD 5 mm PABBO BB-



3d

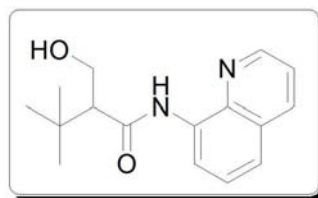




Current Data Parameters
NAME ltl-20150112-2-H
EXPNO 35
PROCNO 1

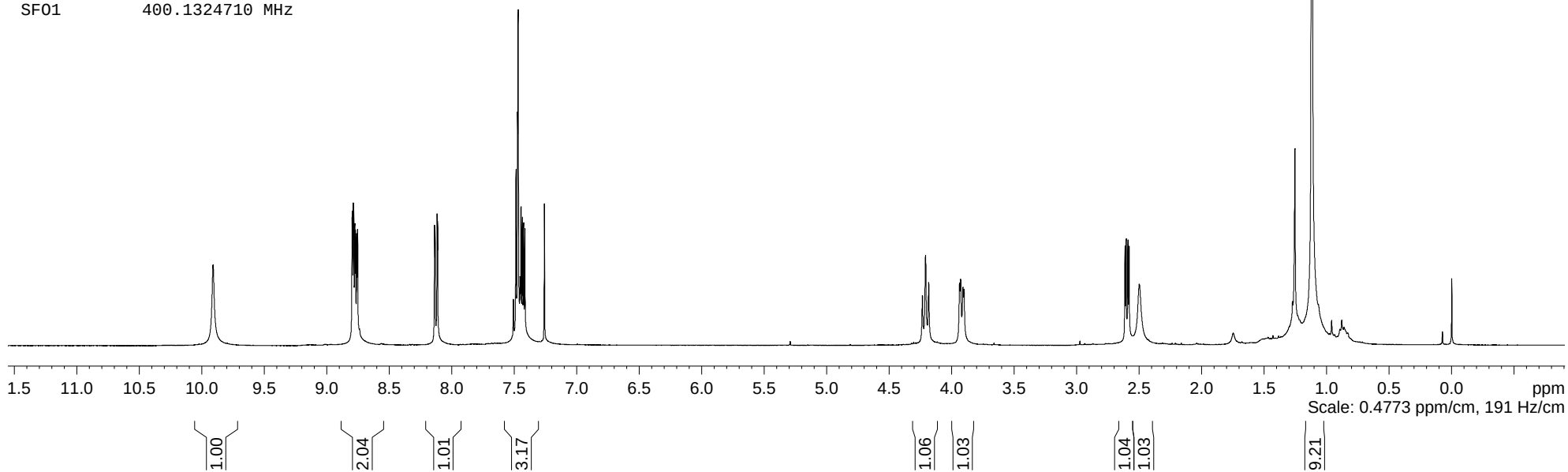
F2 - Acquisition Parameters

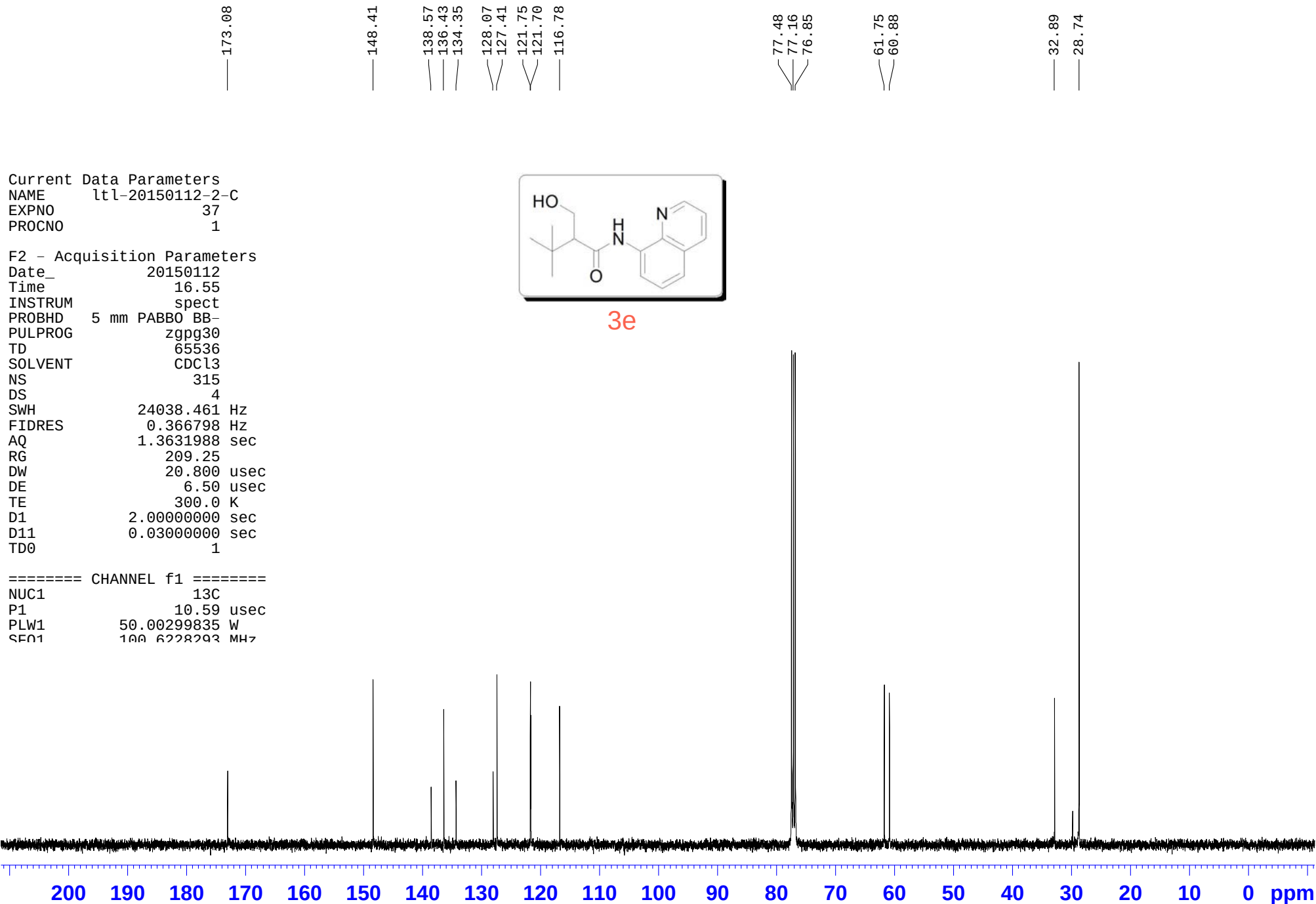
Date_ 20150112
Time 16.39
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 16
DS 2
SWH 8223.685 Hz
FIDRES 0.125483 Hz
AQ 3.9846387 sec
RG 102.67
DW 60.800 usec
DE 6.50 usec
TE 299.1 K
D1 1.00000000 sec
TD0 1



3e

===== CHANNEL f1 =====
NUC1 1H
P1 14.83 usec
PLW1 13.00199986 W
SF01 400.1324710 MHz

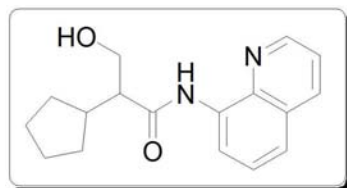




8.7432
8.7395
8.7328
8.7290
8.7182
8.7122
8.7019
8.6959
8.0553
8.0517
8.0347
8.0310
7.4263
7.4056
7.3927
7.3884
7.3724
7.3671
7.3566
7.3465
7.3359
3.9928
3.9656
3.9470
3.9349
3.9263
3.9077
3.8990
3.5556
2.5131
2.5041
2.4946
2.4872
2.4791
2.4698
2.4607
2.2383
2.2324
2.2141
2.1956
2.1897
2.1714
2.1654
1.8753
1.8636
1.8562
1.8460
1.8362
1.8274
1.8095
1.7988
1.7926
1.7801
1.7619
1.6309
1.6060
1.5967
1.5911
1.5783
1.5702
1.5652
1.5388
1.5165
1.4976
1.4801
1.4703
1.4616
1.4500
1.4432
1.3432
1.3205
1.3150
1.3000
1.2921
1.2126
1.1906
1.1840
1.1679
1.1602

Current Data Parameters
NAME 20141018-ltl-2-cl
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20141018
Time 16.49
INSTRUM spect



3f

2.513
2.504
2.495
2.487
2.479
2.470
2.461
2.238
2.232
2.214
2.196
2.171
2.165
1.875
1.864
1.856
1.846
1.836
1.827
1.810
1.799
1.793
1.780
1.762
1.631
1.606
1.597
1.591
1.578
1.570
1.565
1.539
1.517
1.498
1.480
1.470
1.462
1.450
1.443
1.366
1.343
1.321
1.315
1.300
1.292
1.234
1.213
1.191
1.184
1.168

2.6 2.4 2.2 2.0 1.8 1.6 1.4 1.2 ppm

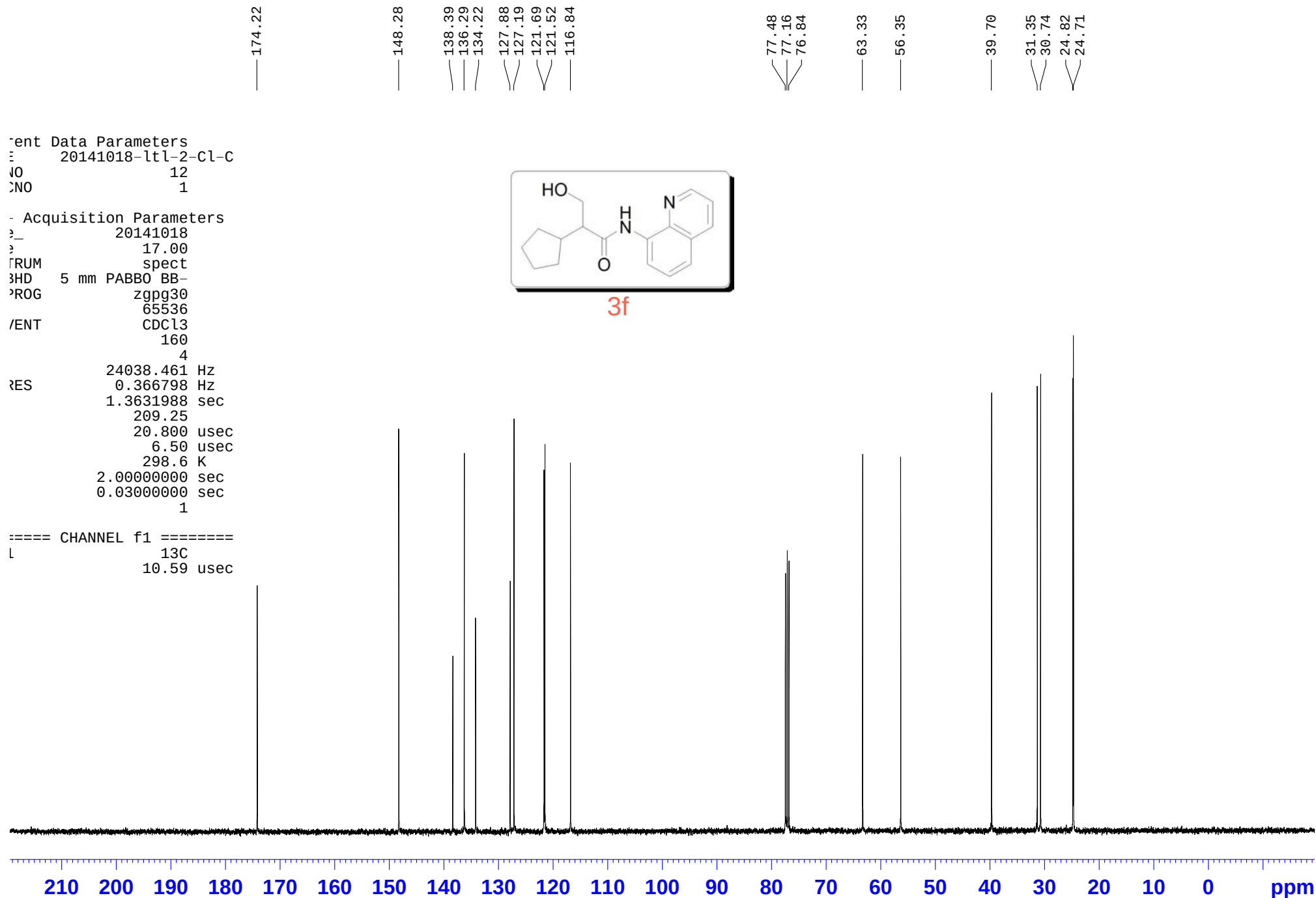
1.05 1.05 2.12 4.30 1.11 1.12

11.5 11.0 10.5 10.0 9.5 9.0 8.5 8.0 7.5 7.0 6.5 6.0 5.5 5.0 4.5 4.0 3.5 3.0 2.5 2.0 1.5 1.0 0.5 0.0 ppm

Scale: 0.478 ppm/cm, 191.3 Hz/cm

1.00 2.04 1.03 3.12 2.09 1.01 1.05 1.05 2.12 4.30 1.11 1.12

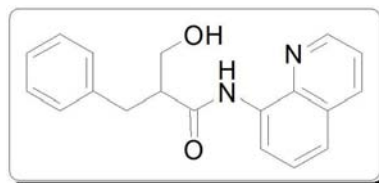
```
- Acquisition Parameters
_              20141018
                17.00
P1             spect
NAME          5 mm PABBO BB-
PROG           zgpg30
               65536
/ENT           CDCl3
                160
                 4
RES            24038.461 Hz
               0.366798 Hz
               1.3631988 sec
               209.25
               20.800 usec
               6.50 usec
               298.6 K
               2.00000000 sec
               0.03000000 sec
                  1
```



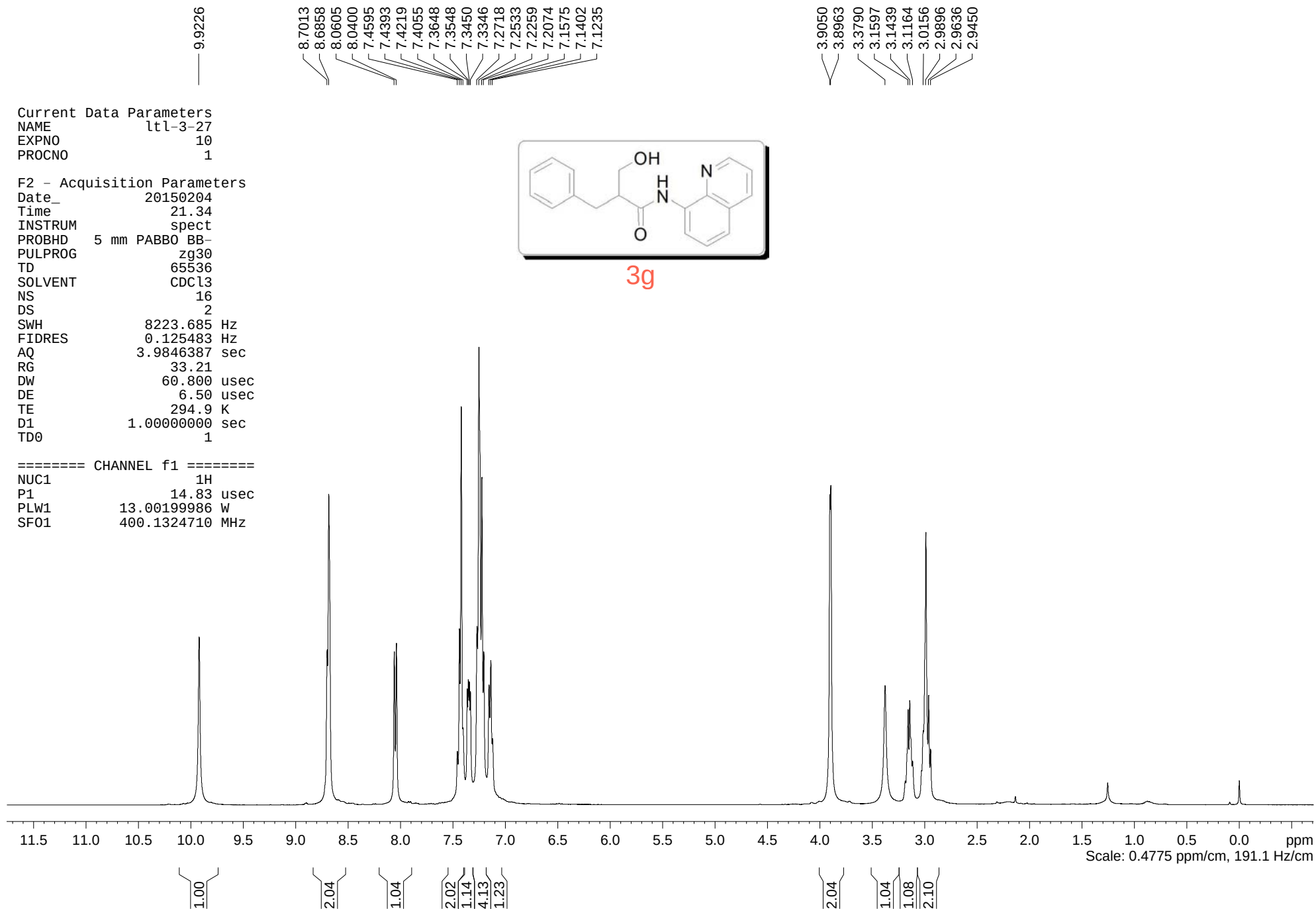
Current Data Parameters
 NAME ltl-3-27
 EXPNO 10
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20150204
 Time 21.34
 INSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG zg30
 TD 65536
 SOLVENT CDCl3
 NS 16
 DS 2
 SWH 8223.685 Hz
 FIDRES 0.125483 Hz
 AQ 3.9846387 sec
 RG 33.21
 DW 60.800 usec
 DE 6.50 usec
 TE 294.9 K
 D1 1.00000000 sec
 TD0 1

===== CHANNEL f1 =====
 NUC1 1H
 P1 14.83 usec
 PLW1 13.00199986 W
 SF01 400.1324710 MHz



3g



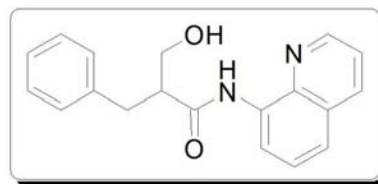
Current Data Parameters
NAME ltl-3-27-c
EXPNO 14
PROCNO 1

F2 - Acquisition Parameters

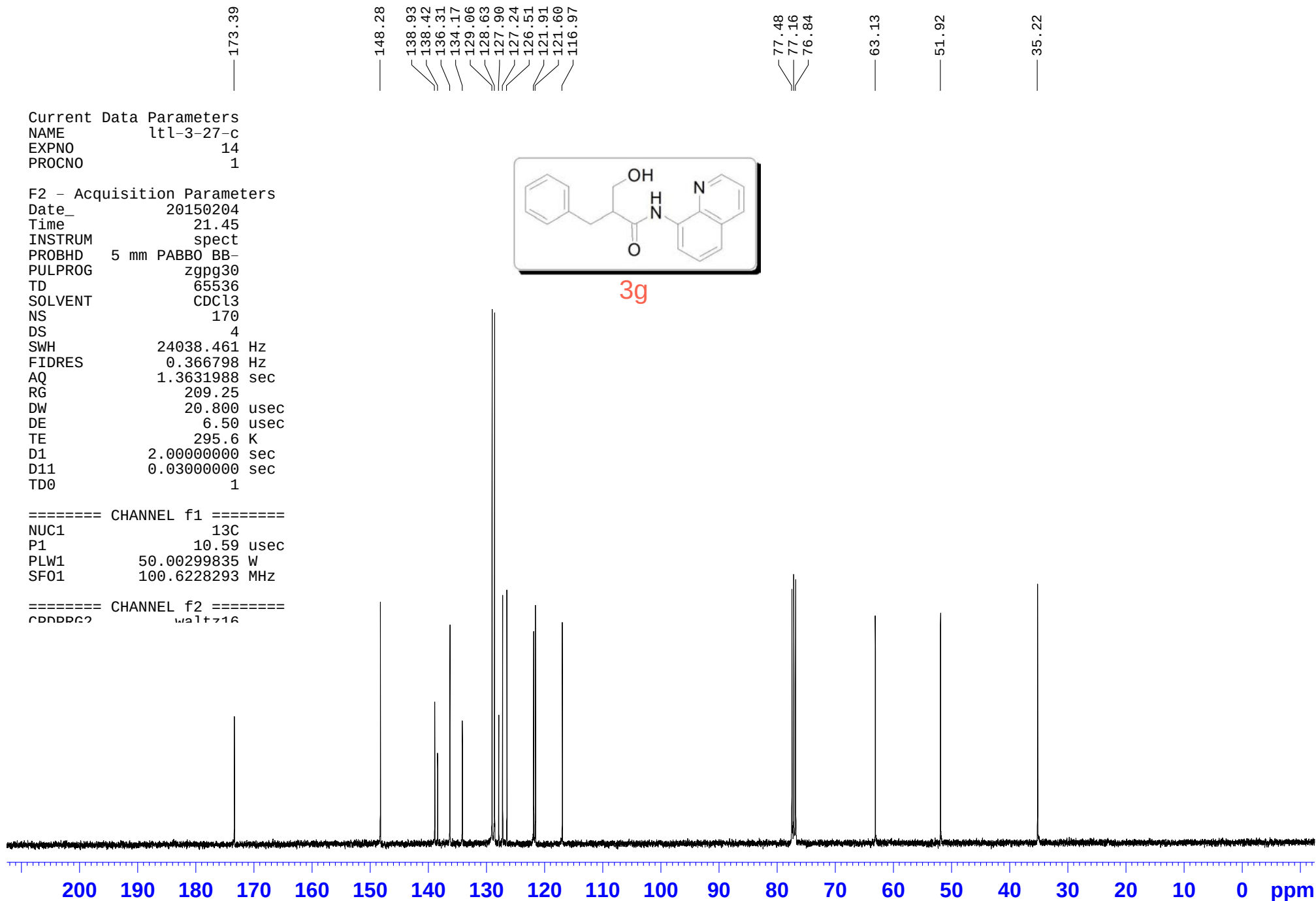
Date_ 20150204
Time 21.45
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 170
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.3631988 sec
RG 209.25
DW 20.800 usec
DE 6.50 usec
TE 295.6 K
D1 2.00000000 sec
D11 0.03000000 sec
TD0 1

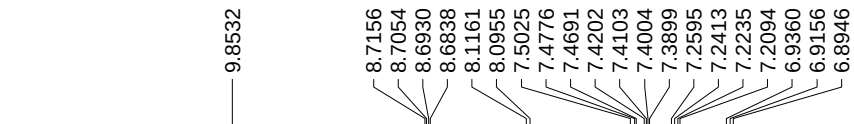
===== CHANNEL f1 =====
NUC1 13C
P1 10.59 usec
PLW1 50.00299835 W
SF01 100.6228293 MHz

===== CHANNEL f2 =====
CDCl3 77.16



3g



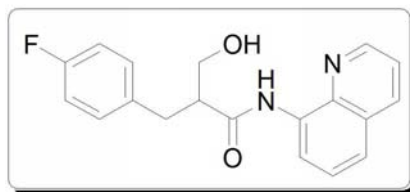


Current Data Parameters

NAME ltl-3-87
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters

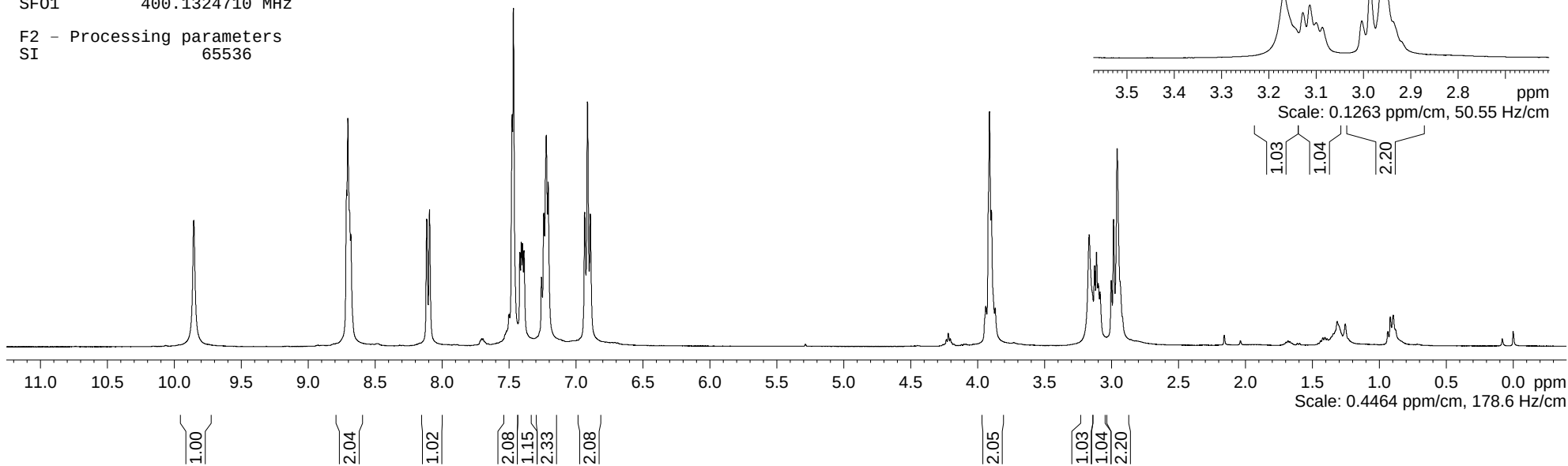
Date_ 20150204
Time 21.50
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 16
DS 2
SWH 8223.685 Hz
FIDRES 0.125483 Hz
AQ 3.9846387 sec
RG 70.24
DW 60.800 usec
DE 6.50 usec
TE 295.1 K
D1 1.00000000 sec
TD0 1



3h

===== CHANNEL f1 =====
NUC1 1H
P1 14.83 usec
PLW1 13.00199986 W
SF01 400.1324710 MHz

F2 - Processing parameters
SI 65536

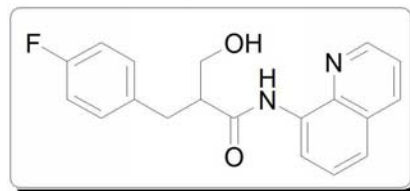


Current Data Parameters
NAME ltl-3-87-C
EXPNO 12
PROCNO 1

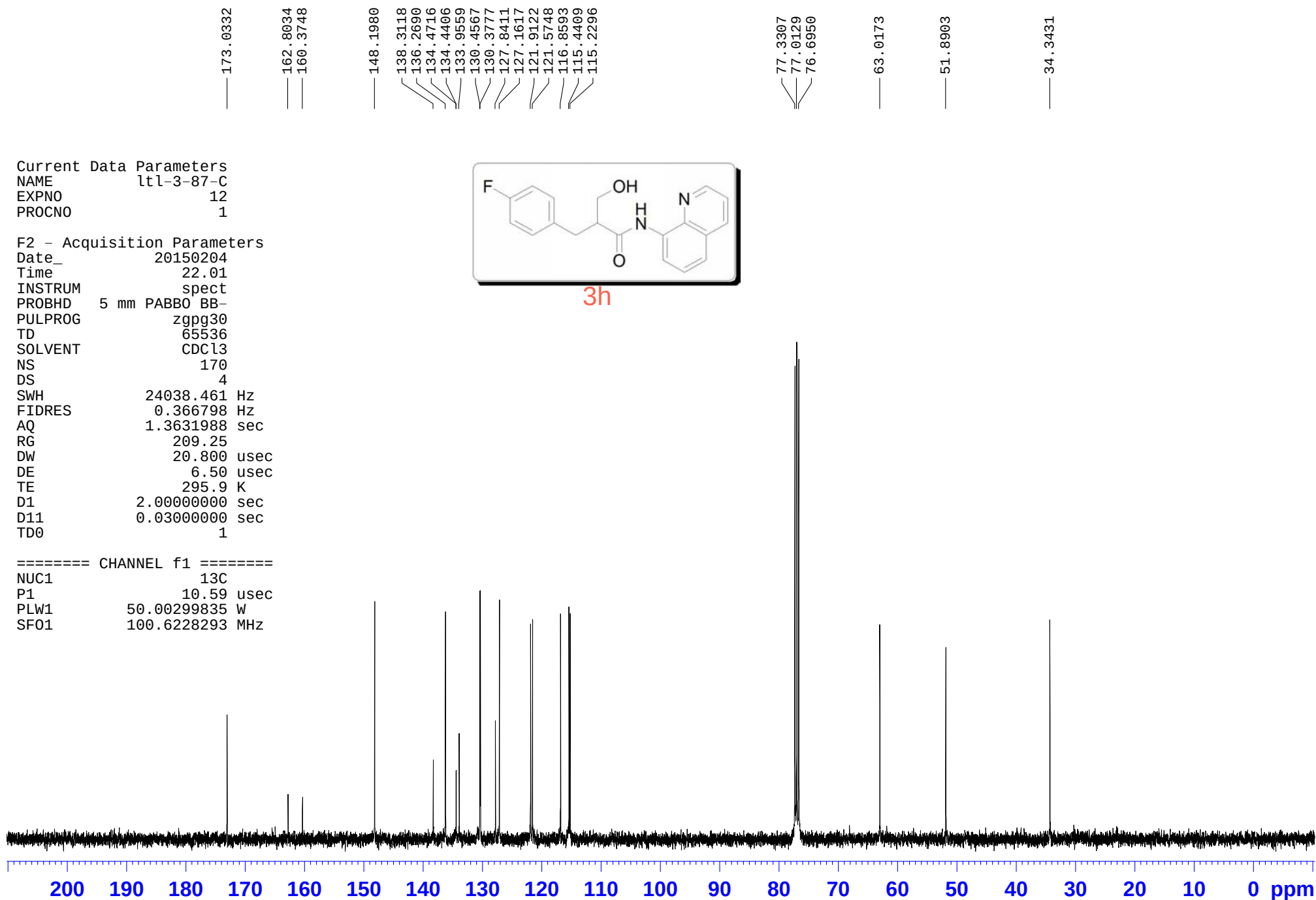
F2 - Acquisition Parameters

Date_ 20150204
Time 22.01
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 170
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.3631988 sec
RG 209.25
DW 20.800 usec
DE 6.50 usec
TE 295.9 K
D1 2.00000000 sec
D11 0.03000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 13C
P1 10.59 usec
PLW1 50.00299835 W
SF01 100.6228293 MHz



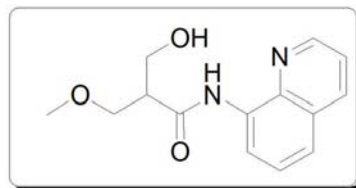
3h



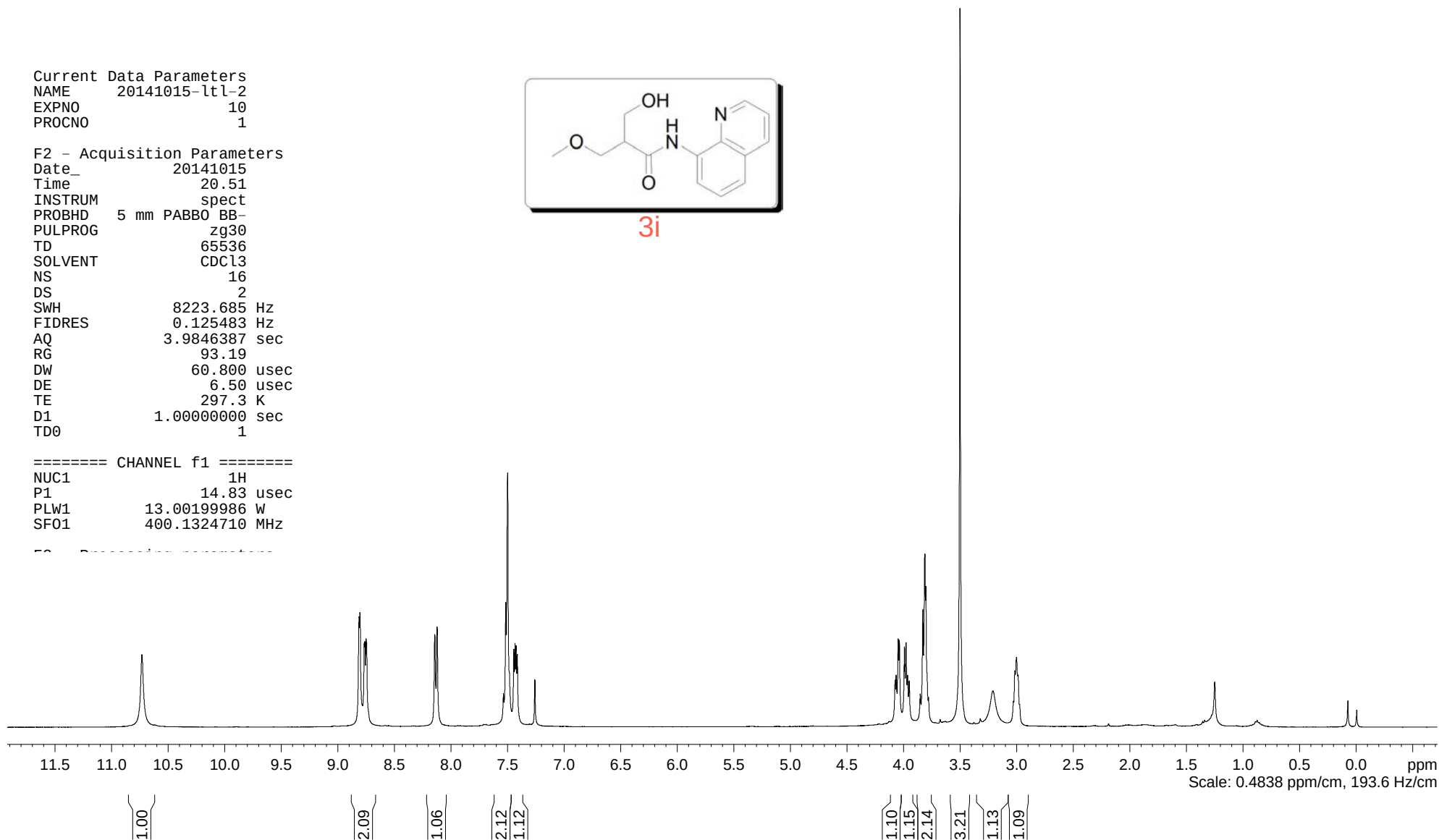
Current Data Parameters
 NAME 20141015-ltl-2
 EXPNO 10
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20141015
 Time 20.51
 INSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG zg30
 TD 65536
 SOLVENT CDCl3
 NS 16
 DS 2
 SWH 8223.685 Hz
 FIDRES 0.125483 Hz
 AQ 3.9846387 sec
 RG 93.19
 DW 60.800 usec
 DE 6.50 usec
 TE 297.3 K
 D1 1.00000000 sec
 TD0 1

===== CHANNEL f1 =====
 NUC1 1H
 P1 14.83 usec
 PLW1 13.00199986 W
 SF01 400.1324710 MHz



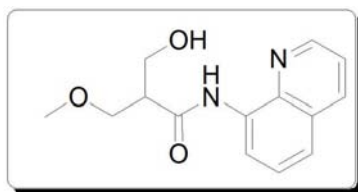
3i



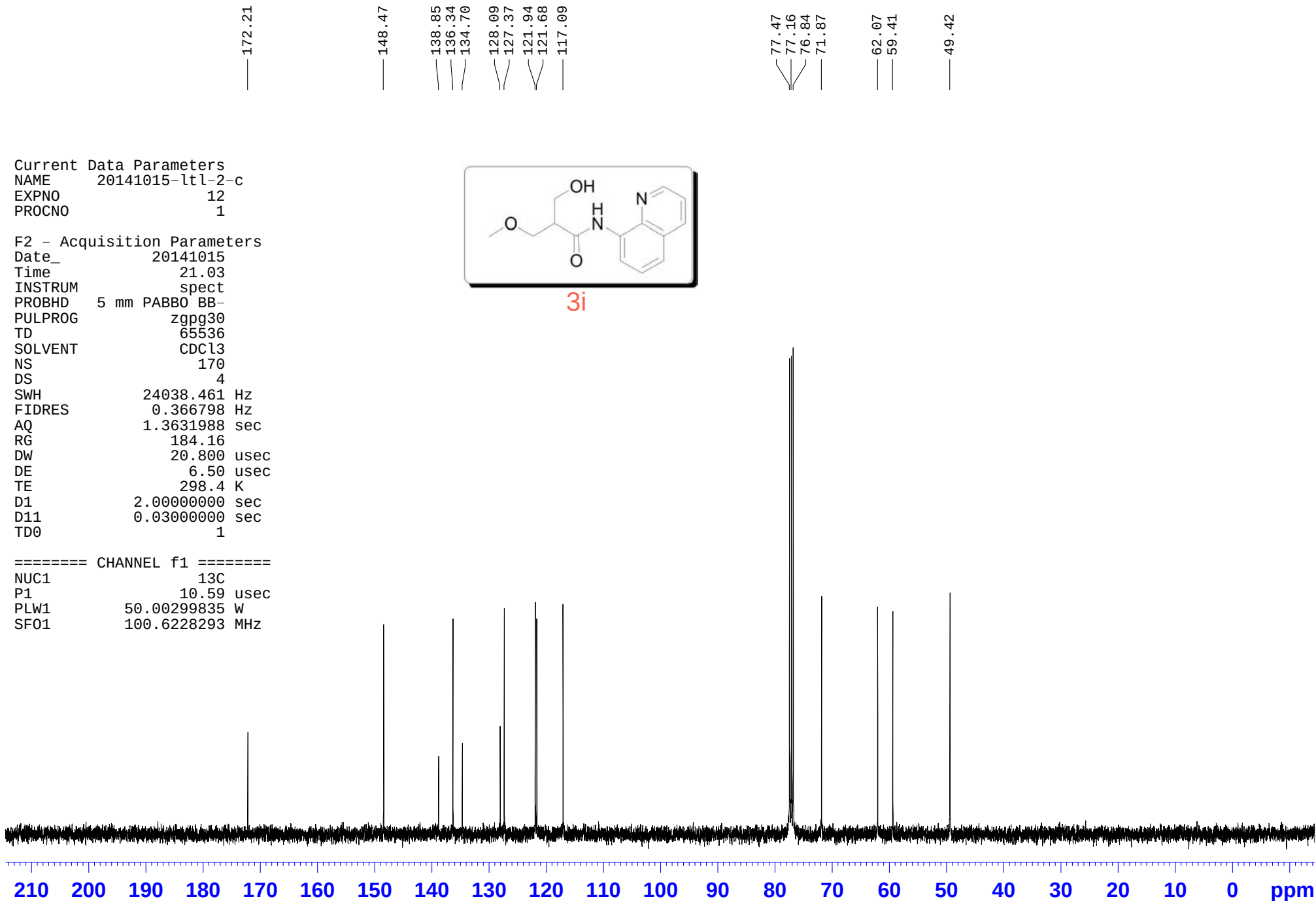
Current Data Parameters
NAME 20141015-ltl-2-c
EXPNO 12
PROCNO 1

F2 - Acquisition Parameters
Date_ 20141015
Time 21.03
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 170
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.3631988 sec
RG 184.16
DW 20.800 usec
DE 6.50 usec
TE 298.4 K
D1 2.00000000 sec
D11 0.03000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 13C
P1 10.59 usec
PLW1 50.00299835 W
SF01 100.6228293 MHz



3i



10.8341

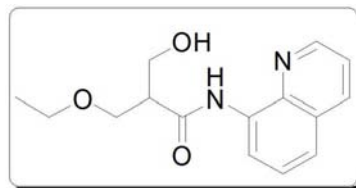
8.8044
8.7928
8.7860
8.7739
8.7690
8.1427
8.1243
8.1223
7.5393
7.5187
7.5017
7.4843
7.4449
7.4345
7.4243
7.4139
7.2598

4.0825
4.0722
4.0543
4.0443
3.9814
3.9670
3.9536
3.9390
3.8877
3.8642
3.8444
3.8325
3.8210
3.8088
3.6833
3.6659
3.6485
3.6310
3.2511
3.0290
3.0166
3.0033
2.9983
2.9849
2.9727
1.3750
1.3575
1.3401

Current Data Parameters
NAME 20141015-ltl-1015
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters

Date_ 20141015
Time 19.35
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 16
DS 2
SWH 8223.685 Hz
FIDRES 0.125483 Hz
AQ 3.9846387 sec
RG 70.24
DW 60.800 usec
DE 6.50 usec
TE 297.0 K
D1 1.00000000 sec
TD0 1

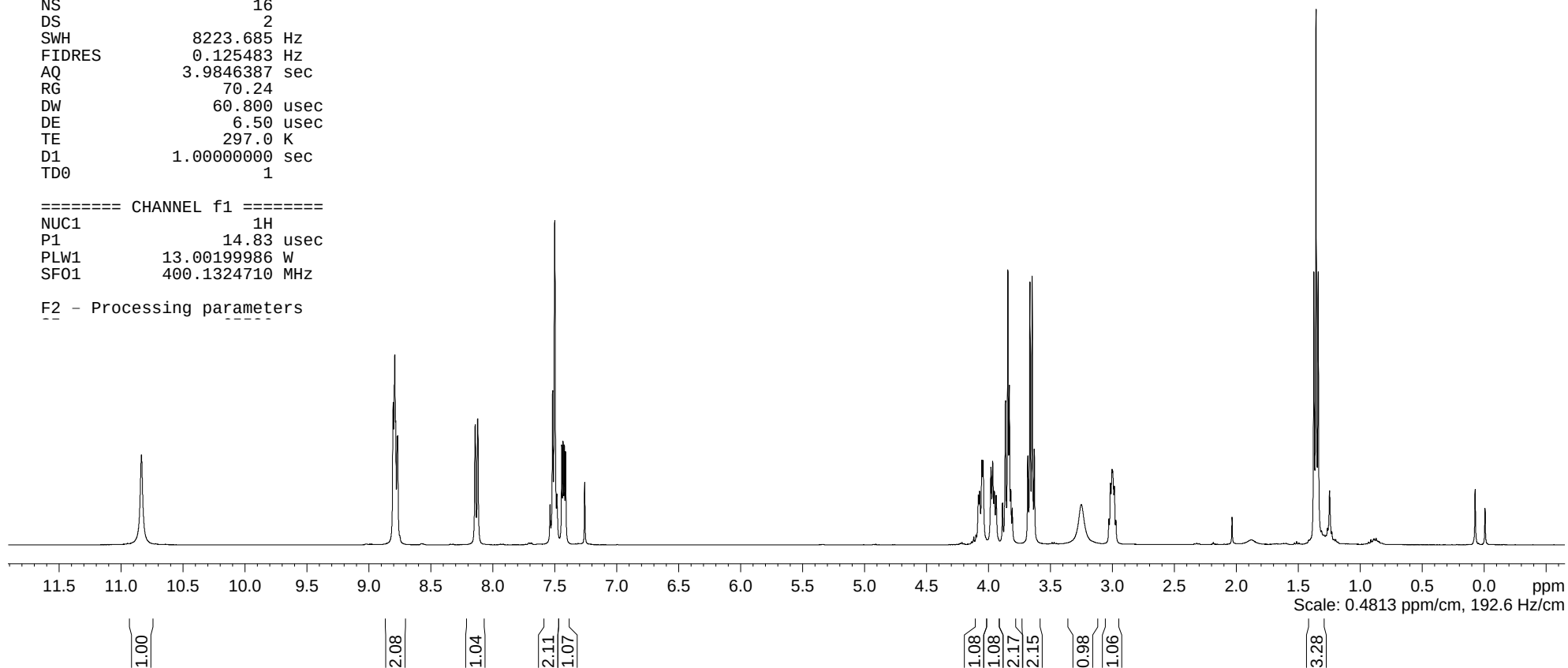


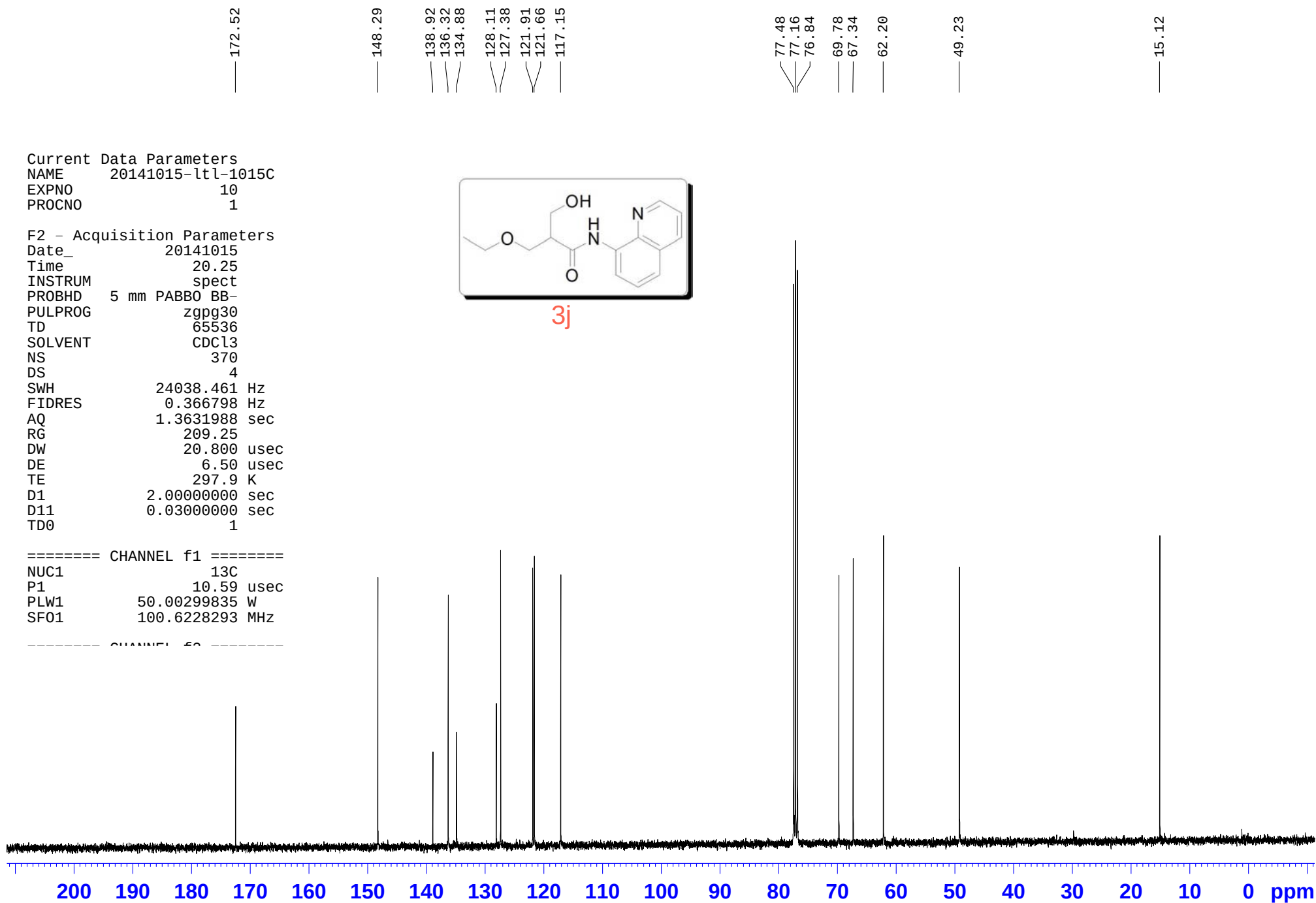
3j

===== CHANNEL f1 =====

NUC1 1H
P1 14.83 usec
PLW1 13.00199986 W
SF01 400.1324710 MHz

F2 - Processing parameters





Current Data Parameters

NAME ltl-3-123-H
EXPNO 10
PROCNO 1

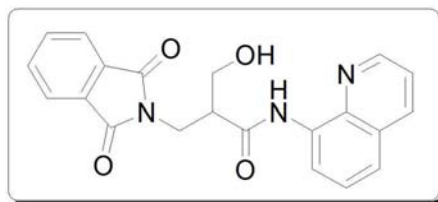
F2 - Acquisition Parameters

Date_ 20150309
Time 22.34
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 16
DS 2
SWH 8223.685 Hz
FIDRES 0.125483 Hz
AQ 3.9846387 sec
RG 102.67
DW 60.800 usec
DE 6.50 usec
TE 0 K
D1 1.00000000 sec
TD0 1

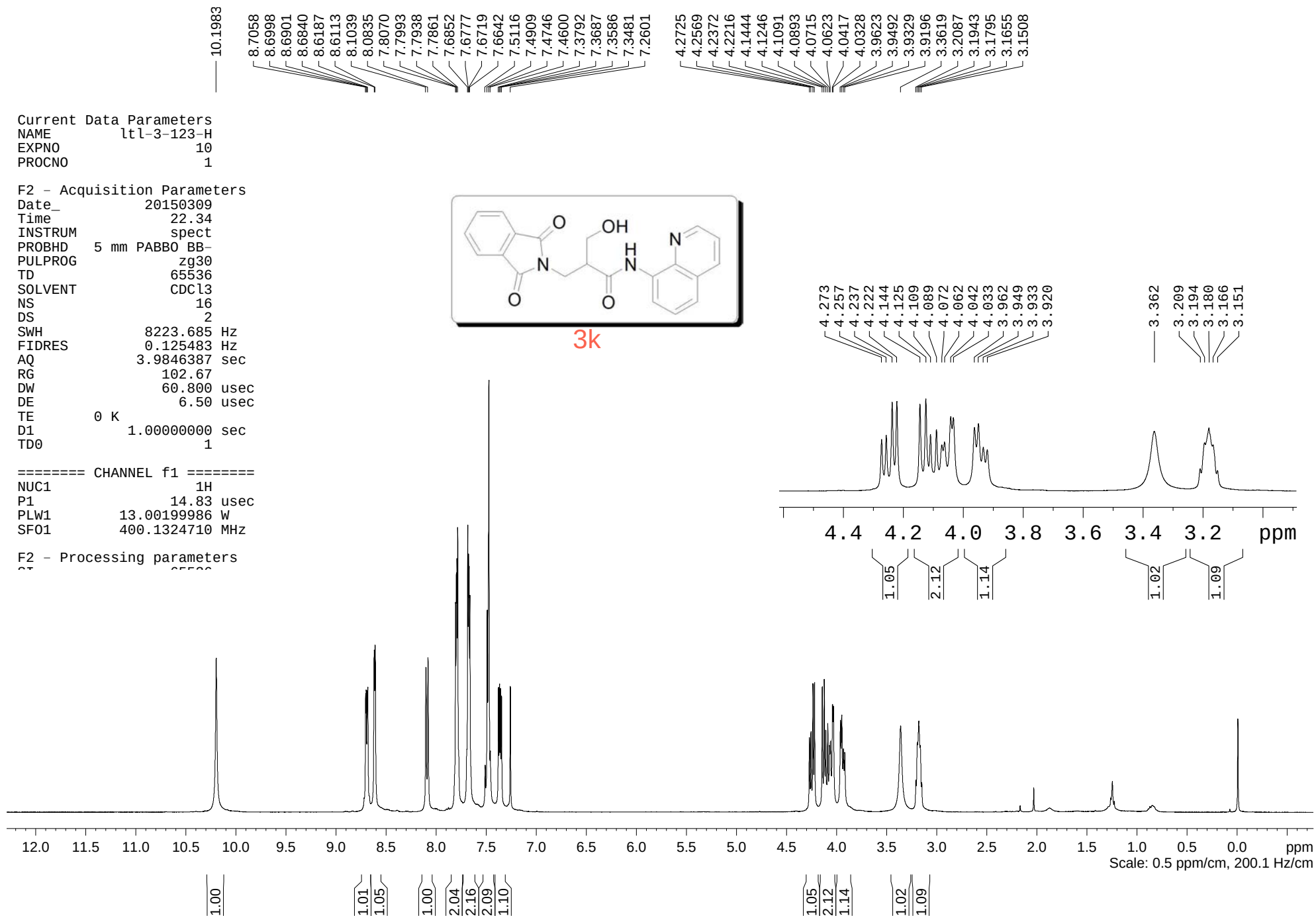
===== CHANNEL f1 =====
NUC1 1H
P1 14.83 usec
PLW1 13.00199986 W
SF01 400.1324710 MHz

F2 - Processing parameters

CT 65536



3k



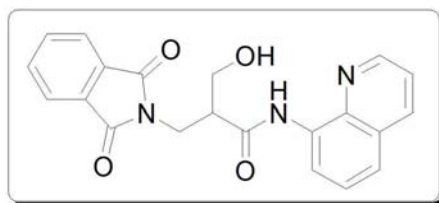
Current Data Parameters

NAME ltl-3-123-C,
EXPNO 10
PROCNO 1

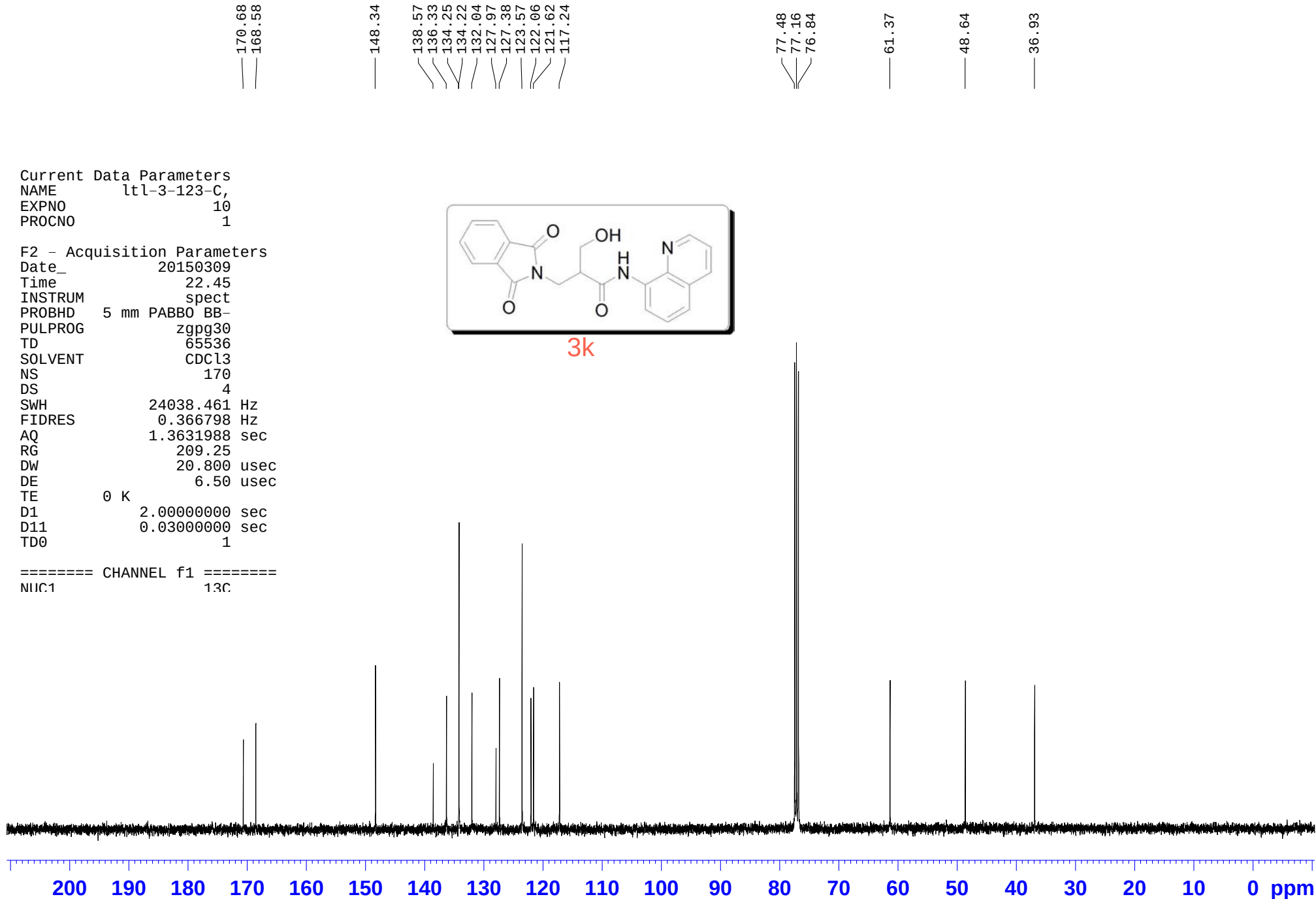
F2 - Acquisition Parameters

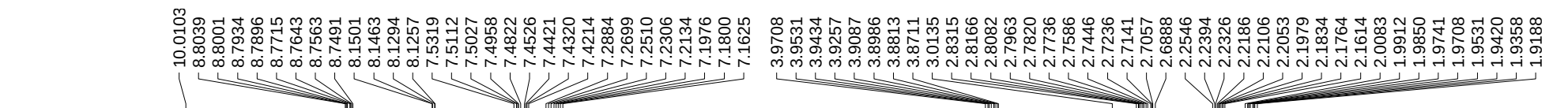
Date_ 20150309
Time 22.45
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 170
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.3631988 sec
RG 209.25
DW 20.800 usec
DE 6.50 usec
TE 0 K
D1 2.00000000 sec
D11 0.03000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 13C



3k



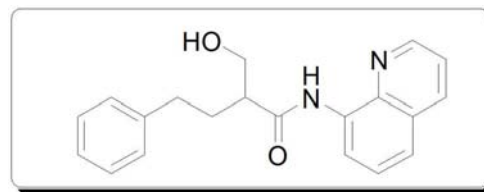


Current Data Parameters
 NAME 20141023-ltl-1023
 EXPNO 10
 PROCNO 1

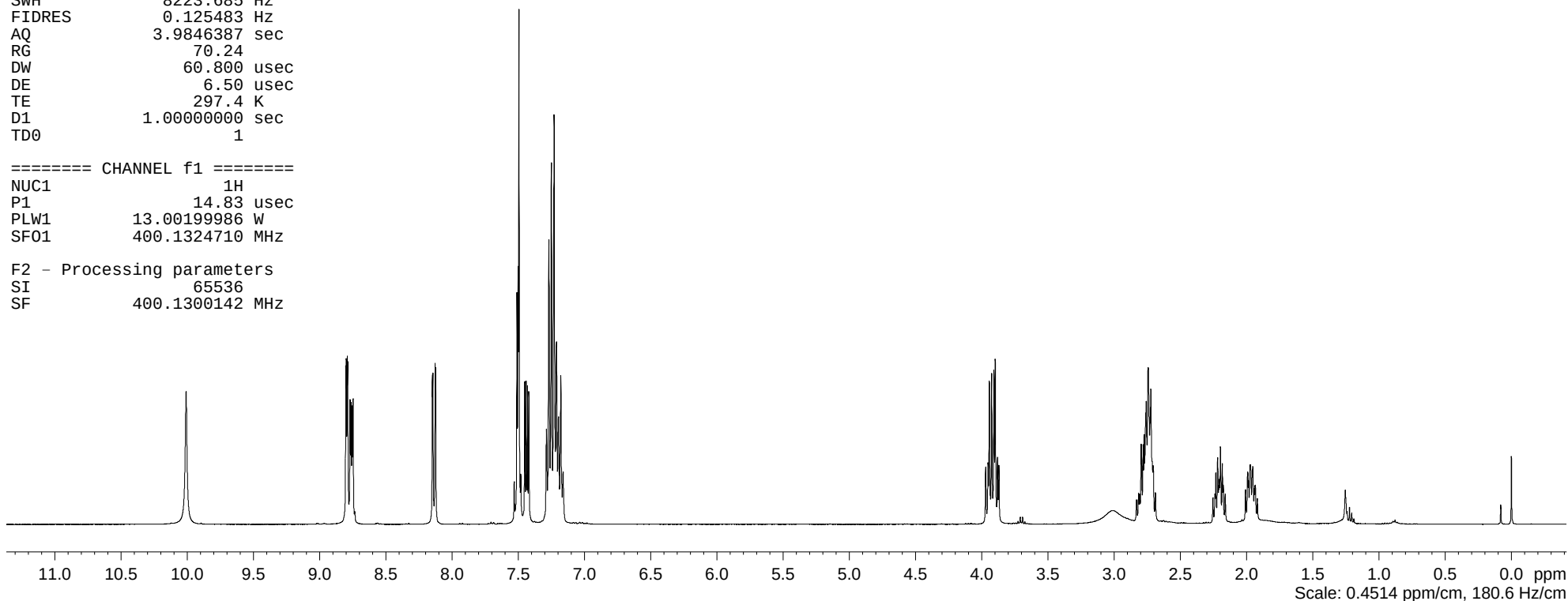
F2 - Acquisition Parameters
 Date_ 20141023
 Time 22.00
 INSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG zg30
 TD 65536
 SOLVENT CDCl3
 NS 16
 DS 2
 SWH 8223.685 Hz
 FIDRES 0.125483 Hz
 AQ 3.9846387 sec
 RG 70.24
 DW 60.800 usec
 DE 6.50 usec
 TE 297.4 K
 D1 1.00000000 sec
 TD0 1

===== CHANNEL f1 =====
 NUC1 1H
 P1 14.83 usec
 PLW1 13.00199986 W
 SF01 400.1324710 MHz

F2 - Processing parameters
 SI 65536
 SF 400.1300142 MHz



3l



Scale: 0.4514 ppm/cm, 180.6 Hz/cm

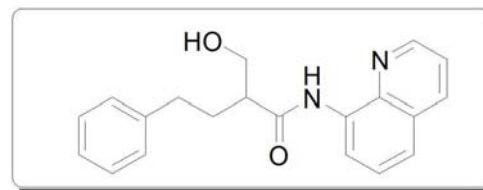
Current Data Parameters
NAME 20141023-ltl-1023
EXPNO 11
PROCNO 1

F2 - Acquisition Parameters

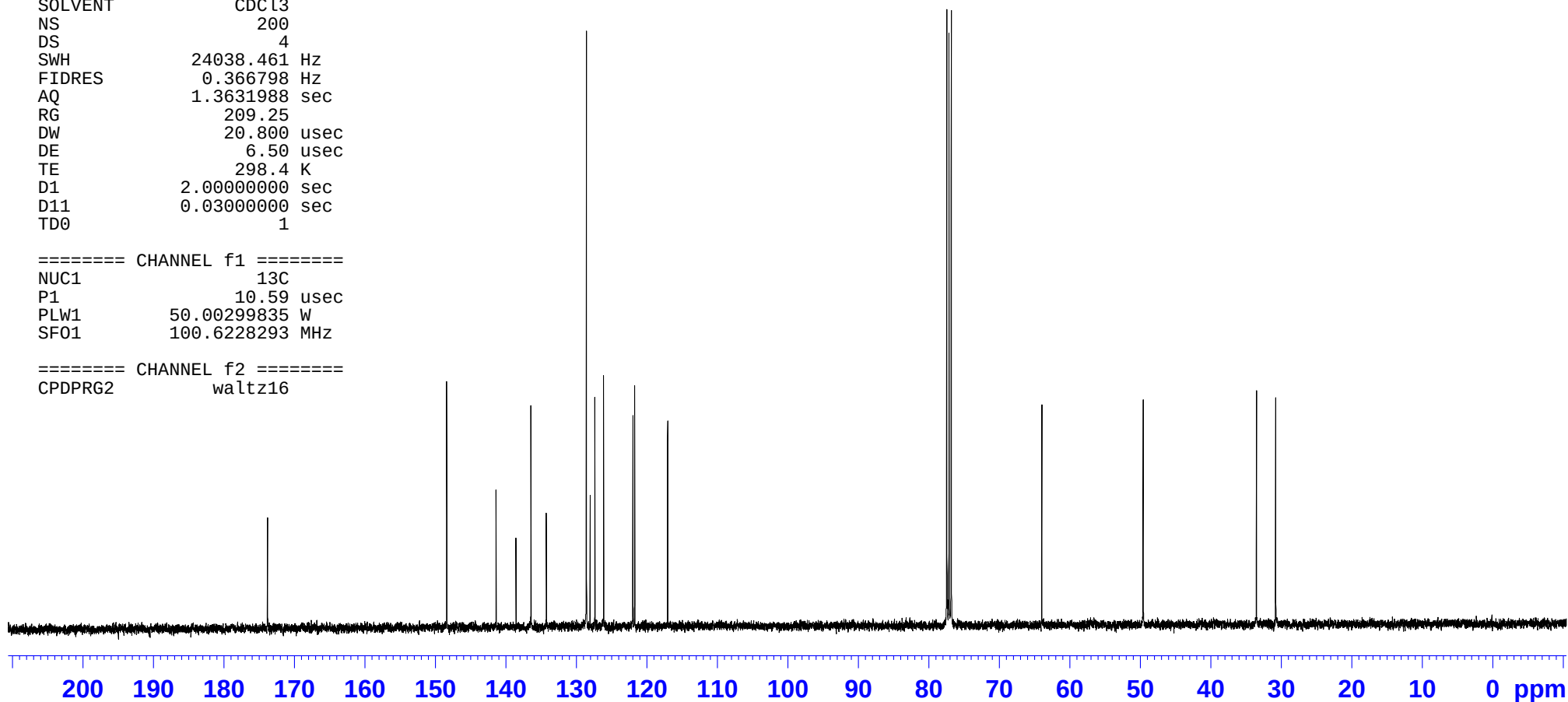
Date_ 20141023
Time 22.13
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 200
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.3631988 sec
RG 209.25
DW 20.800 usec
DE 6.50 usec
TE 298.4 K
D1 2.00000000 sec
D11 0.03000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 13C
P1 10.59 usec
PLW1 50.00299835 W
SF01 100.6228293 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16



3l



9.9905
8.7941
8.7901
8.7835
8.7795
8.7217
8.7127
8.7082
8.6993
8.1602
8.1561
8.1395
8.1355
7.5053
7.5002
7.4911
7.4857
7.4660
7.4555
7.4454
7.4348
7.2999
7.2794
7.2595
3.9704
3.9454
3.9269
3.9134
3.9043
3.8867
3.0477
2.8597
2.8443
2.8365
2.8244
2.8088
2.8020
2.7864
2.7688
2.7507
2.7334
2.7268
2.7175
2.7102
2.7039
2.6990
2.6868
2.2484
2.2325
2.2263
2.2108
2.2039
2.1986
2.1915
2.1762
2.1694
2.1527
1.9911
1.9773
1.9737
1.9677
1.9599
1.9550
1.9506
1.9430
1.9379

Current Data Parameters

NAME ltl-20150110-2
EXPNO 20
PROCNO 1

F2 - Acquisition Parameters

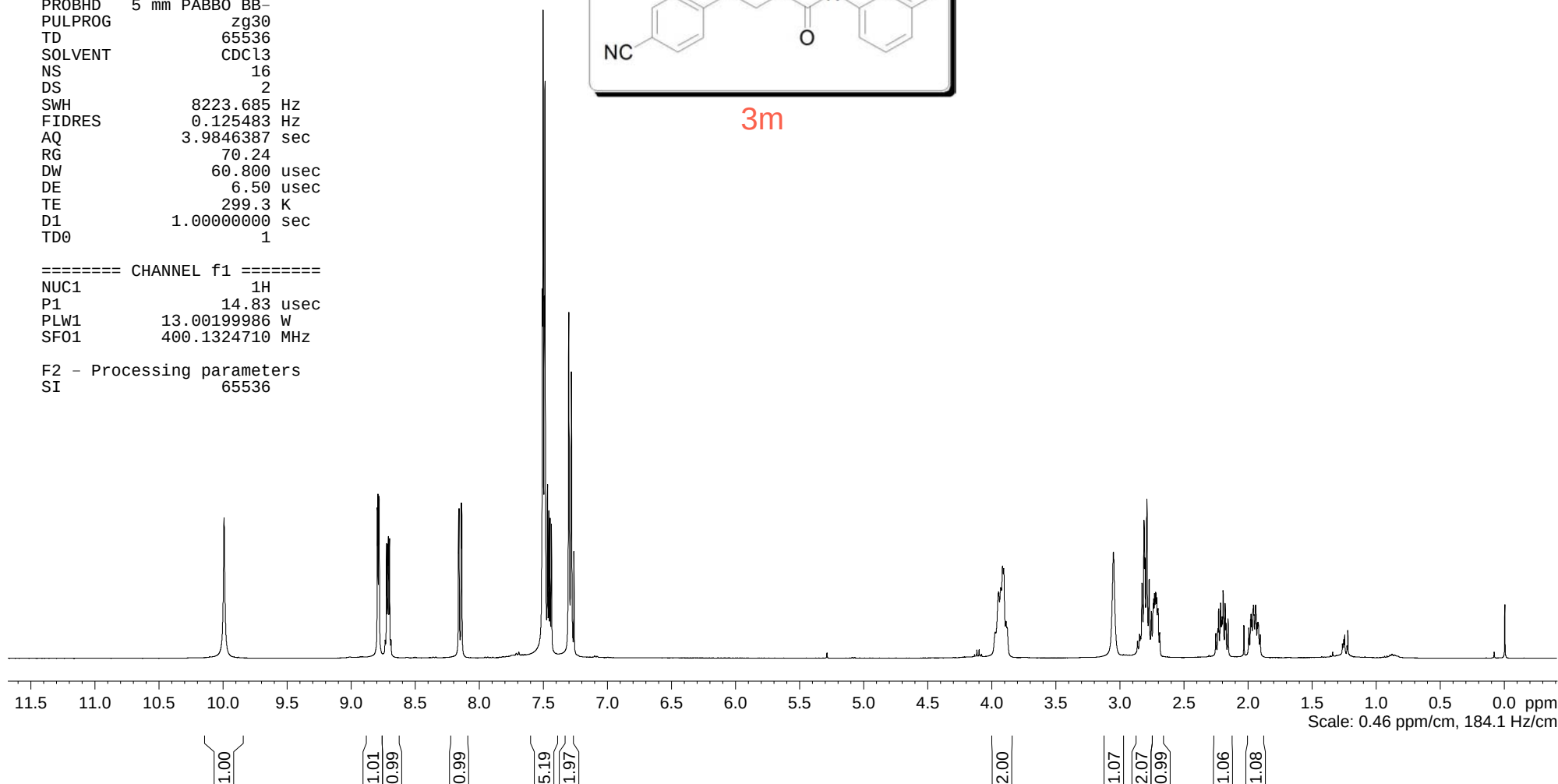
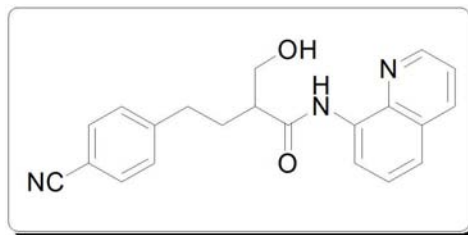
Date_ 20150110
Time 22.15
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 16
DS 2
SWH 8223.685 Hz
FIDRES 0.125483 Hz
AQ 3.9846387 sec
RG 70.24
DW 60.800 usec
DE 6.50 usec
TE 299.3 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====

NUC1 1H
P1 14.83 usec
PLW1 13.00199986 W
SF01 400.1324710 MHz

F2 - Processing parameters

SI 65536

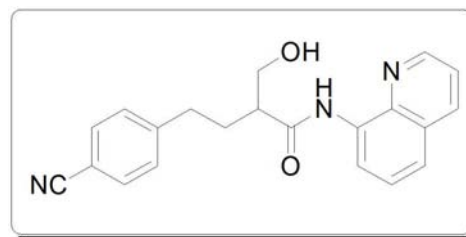


Current Data Parameters
NAME ltl-20150110-2-C
EXPNO 11
PROCNO 1

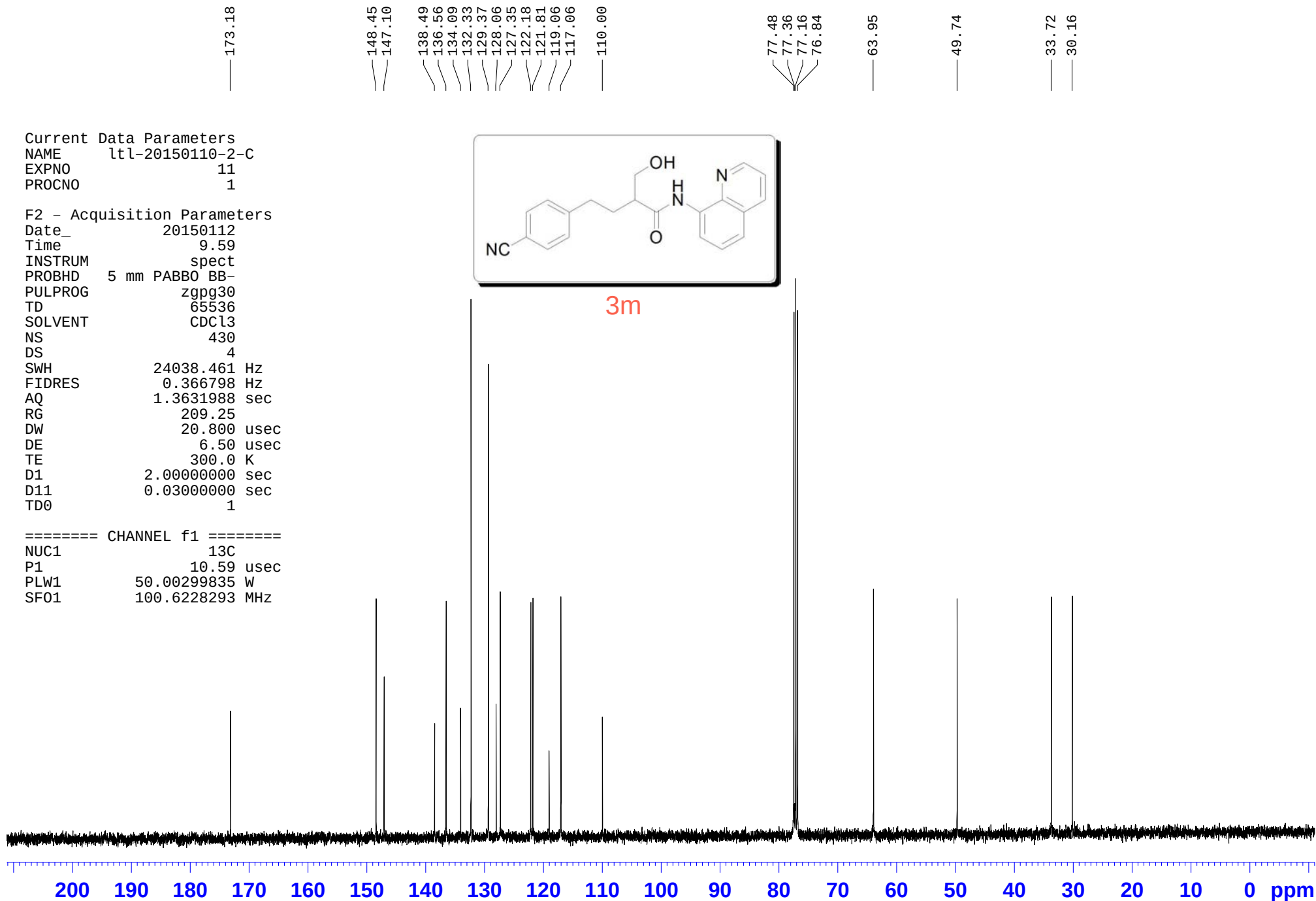
F2 - Acquisition Parameters

Date_ 20150112
Time 9.59
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 430
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.3631988 sec
RG 209.25
DW 20.800 usec
DE 6.50 usec
TE 300.0 K
D1 2.00000000 sec
D11 0.03000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 13C
P1 10.59 usec
PLW1 50.00299835 W
SF01 100.6228293 MHz



3m

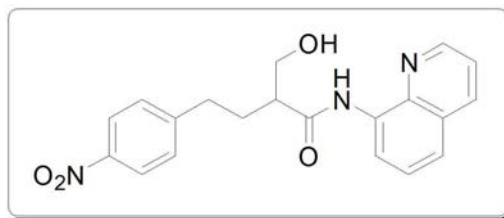


9.9916
8.7788
8.7708
8.7063
8.6983
8.6936
8.6857
8.1455
8.1253
8.0554
8.0346
7.4798
7.4468
7.4373
7.4268
7.3361
7.3153
7.2603

3.9848
3.9579
3.9403
3.9201
3.9106
3.8933
3.8835
3.2104
2.8938
2.8584
2.8445
2.8250
2.8076
2.7331
2.2658
2.2442
2.2288
2.2094
2.1935
2.1720
2.0270
2.0027
1.9856
1.9683
1.9501
1.9374
1.9158
1.3447
1.3270
1.2477
0.8690
0.8502

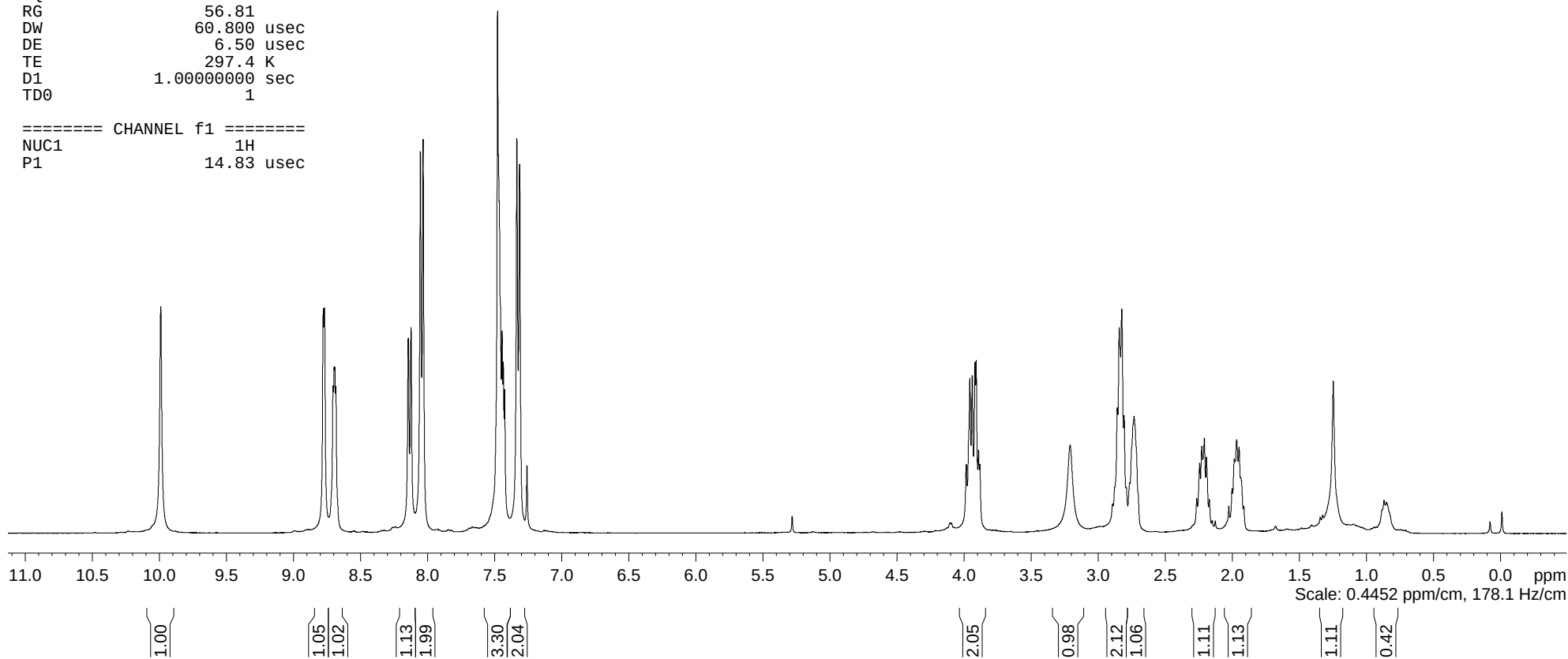
Current Data Parameters
NAME 20141224-ltl-2-239
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20141224
Time 20.05
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 16
DS 2
SWH 8223.685 Hz
FIDRES 0.125483 Hz
AQ 3.9846387 sec
RG 56.81
DW 60.800 usec
DE 6.50 usec
TE 297.4 K
D1 1.00000000 sec
TD0 1



3n

===== CHANNEL f1 =====
NUC1 1H
P1 14.83 usec



Current Data Parameters
 NAME 20141224-ltl-2-239-c
 EXPNO 12
 PROCNO 1

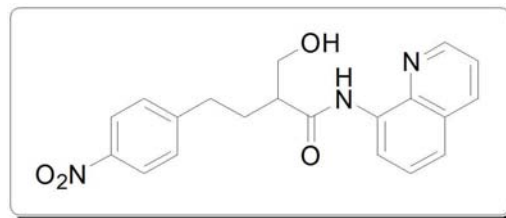
F2 - Acquisition Parameters

Date_ 20141224
 Time 20.21
 INSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 260
 DS 4
 SWH 24038.461 Hz
 FIDRES 0.366798 Hz
 AQ 1.3631988 sec
 RG 209.25
 DW 20.800 usec
 DE 6.50 usec
 TE 298.4 K
 D1 2.00000000 sec
 D11 0.03000000 sec
 TD0 1

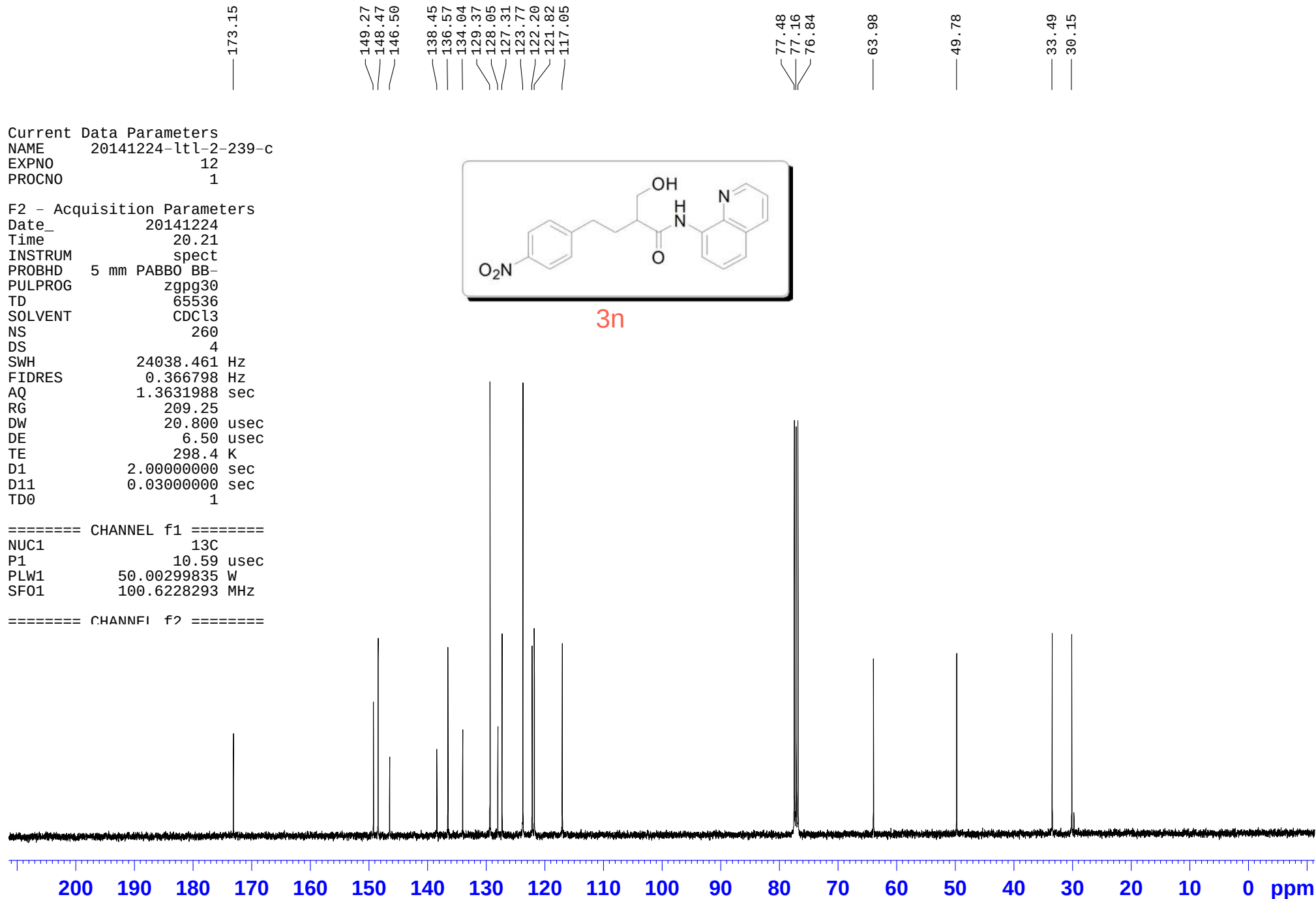
===== CHANNEL f1 =====

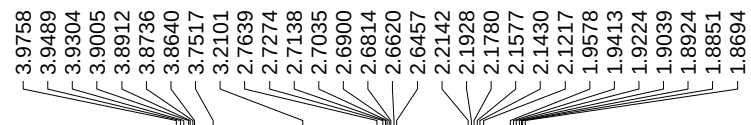
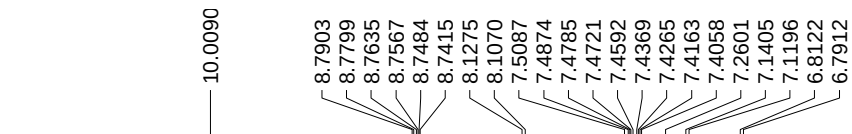
NUC1 13C
 P1 10.59 usec
 PLW1 50.00299835 W
 SF01 100.6228293 MHz

===== CHANNEL f2 =====



3n





Current Data Parameters

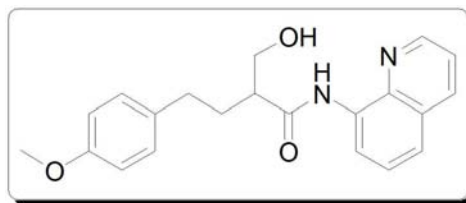
NAME ltl-3-102
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters

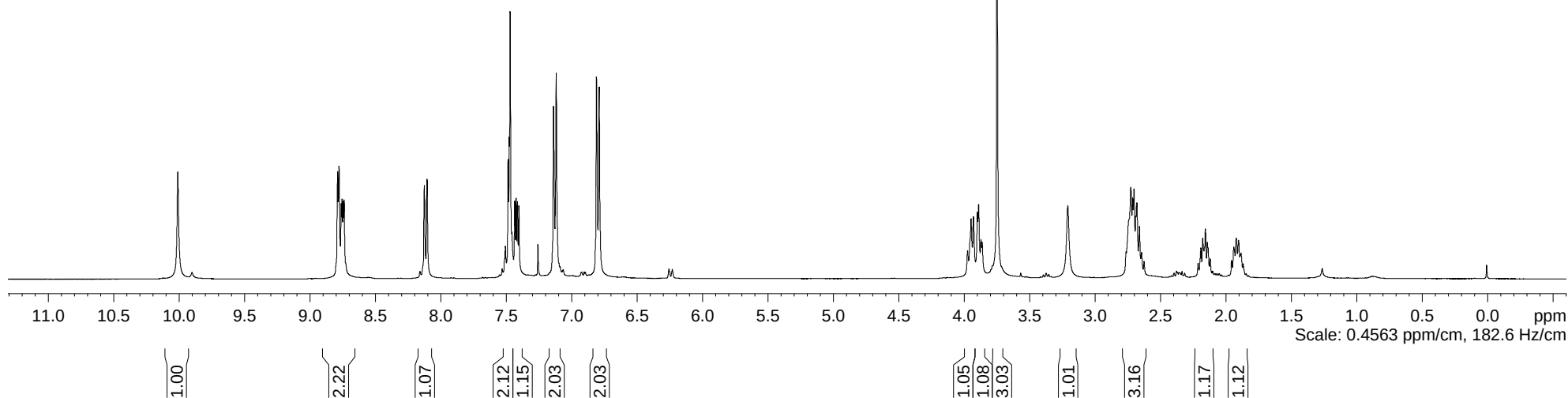
Date_ 20150211
Time 19.36
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 16
DS 2
SWH 8223.685 Hz
FIDRES 0.125483 Hz
AQ 3.9846387 sec
RG 33.21
DW 60.800 usec
DE 6.50 usec
TE 295.2 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 14.83 usec
PLW1 13.00199986 W
SF01 400.1324710 MHz

F2 - Processing parameters



30

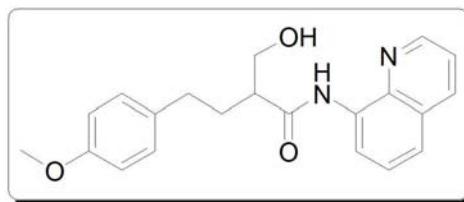


Current Data Parameters
NAME ltl-3-102-C
EXPNO 12
PROCNO 1

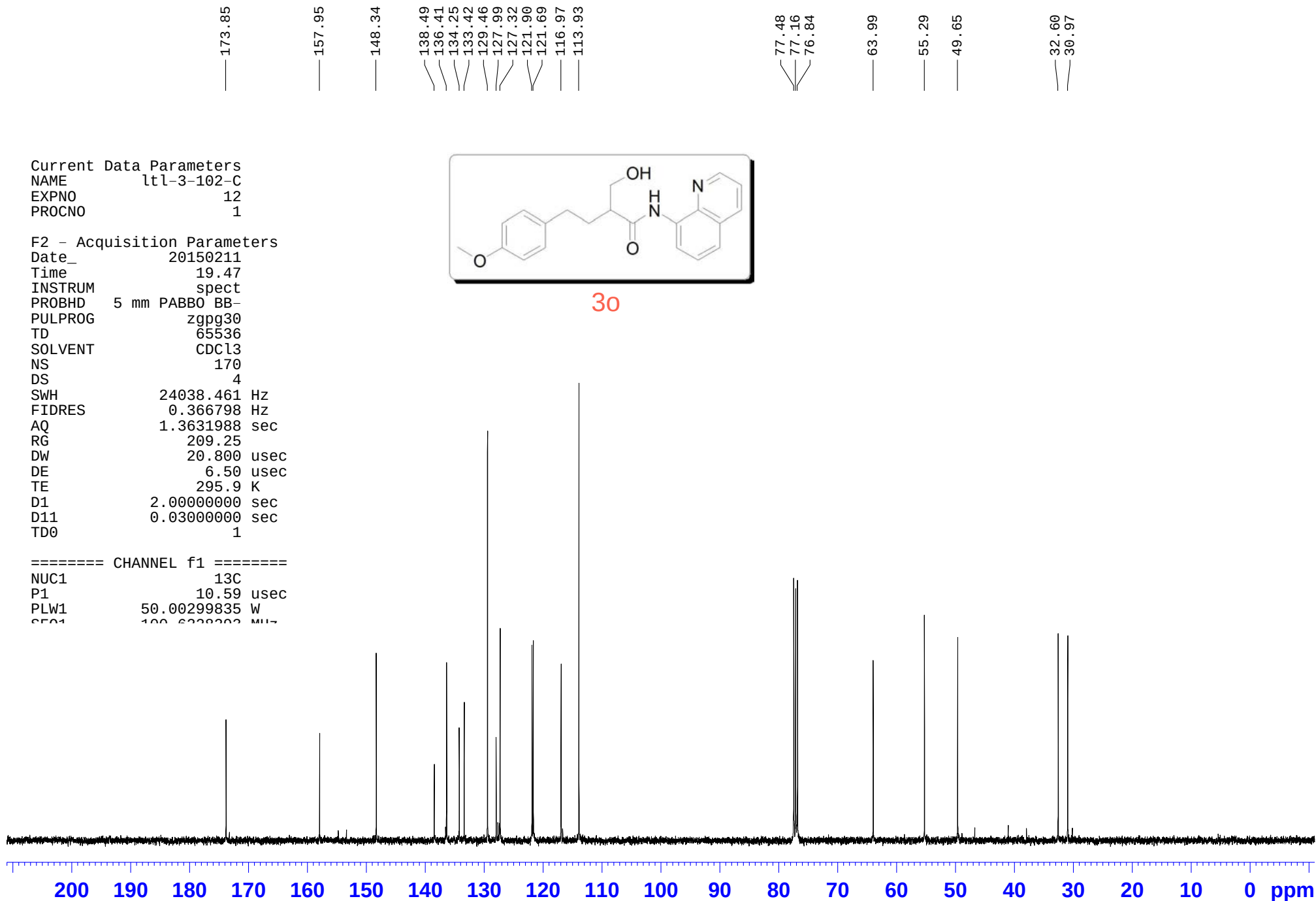
F2 - Acquisition Parameters

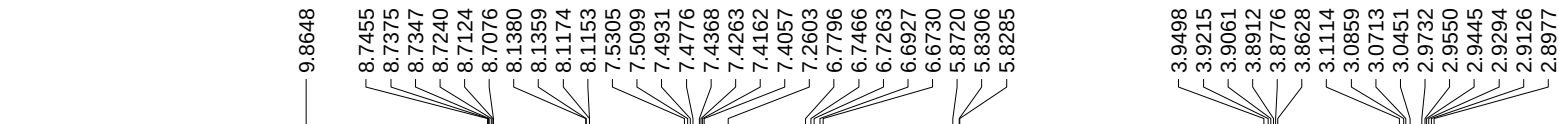
Date_ 20150211
Time 19.47
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 170
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.3631988 sec
RG 209.25
DW 20.800 usec
DE 6.50 usec
TE 295.9 K
D1 2.00000000 sec
D11 0.03000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 13C
P1 10.59 usec
PLW1 50.00299835 W
SFO1 100.6282633 MHz



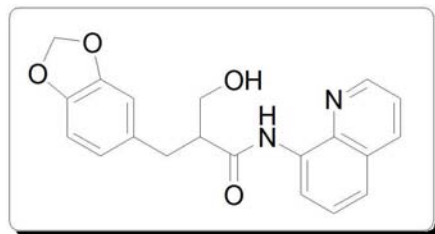
30





Current Data Parameters
 NAME 20150112-ltl-3H
 EXPNO 10
 PROCNO 1

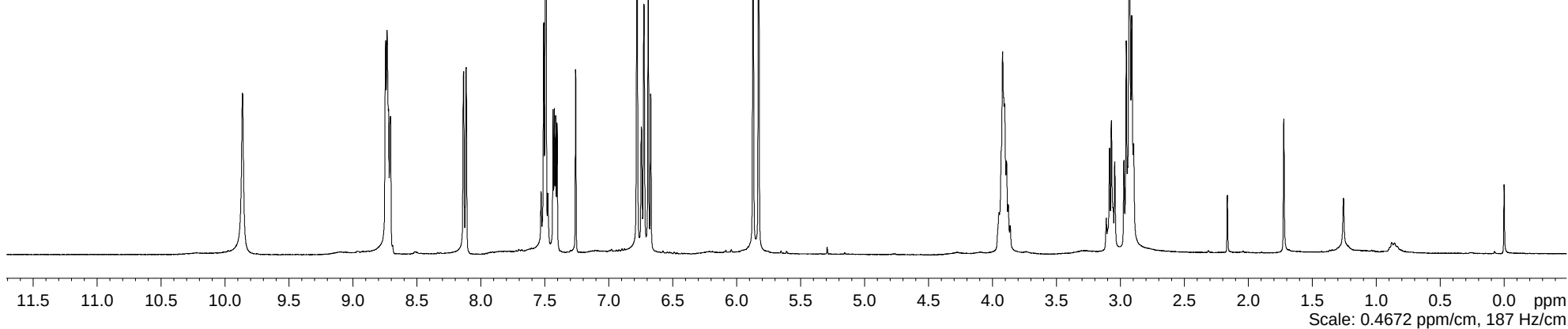
F2 - Acquisition Parameters
 Date_ 20150112
 Time 21.49
 INSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG zg30
 TD 65536
 SOLVENT CDCl3
 NS 16
 DS 2
 SWH 8223.685 Hz
 FIDRES 0.125483 Hz
 AQ 3.9846387 sec
 RG 130.81
 DW 60.800 usec
 DE 6.50 usec
 TE 298.8 K
 D1 1.00000000 sec
 TD0 1



3p

===== CHANNEL f1 =====
 NUC1 1H
 P1 14.83 usec
 PLW1 13.00199986 W
 SF01 400.1324710 MHz

F2 - Processing parameters



1.00

1.98

0.99

2.05

1.01

1.00

1.00

0.95

2.00

2.00

1.08

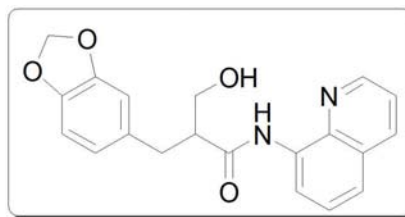
3.10

urrent Data Parameters
AME ltl-20150112-3-C
XPNO 12
ROCN0 1

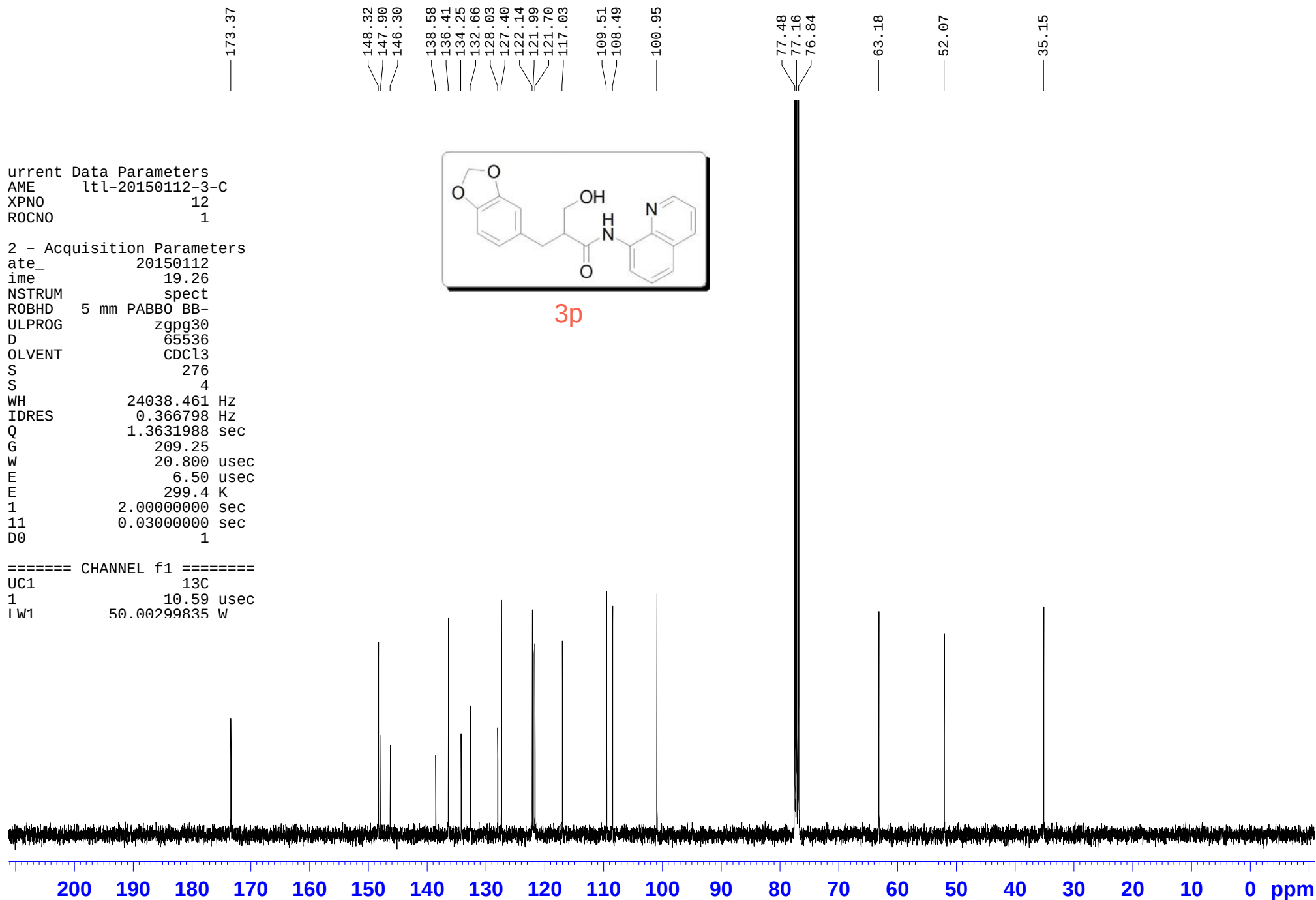
2 - Acquisition Parameters

ate_ 20150112
ime 19.26
NSTRUM spect
ROBHD 5 mm PABBO BB-
ULPROG zgpg30
D 65536
OLVENT CDCl3
S 276
S 4
WH 24038.461 Hz
IDRES 0.366798 Hz
Q 1.3631988 sec
G 209.25
W 20.800 usec
E 6.50 usec
E 299.4 K
1 2.00000000 sec
11 0.03000000 sec
D0 1

===== CHANNEL f1 =====
UC1 13C
1 10.59 usec
LW1 50.00299835 W

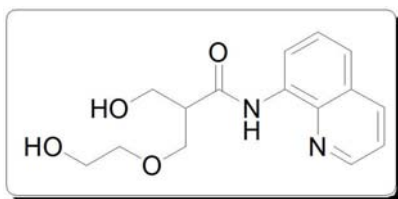


3p

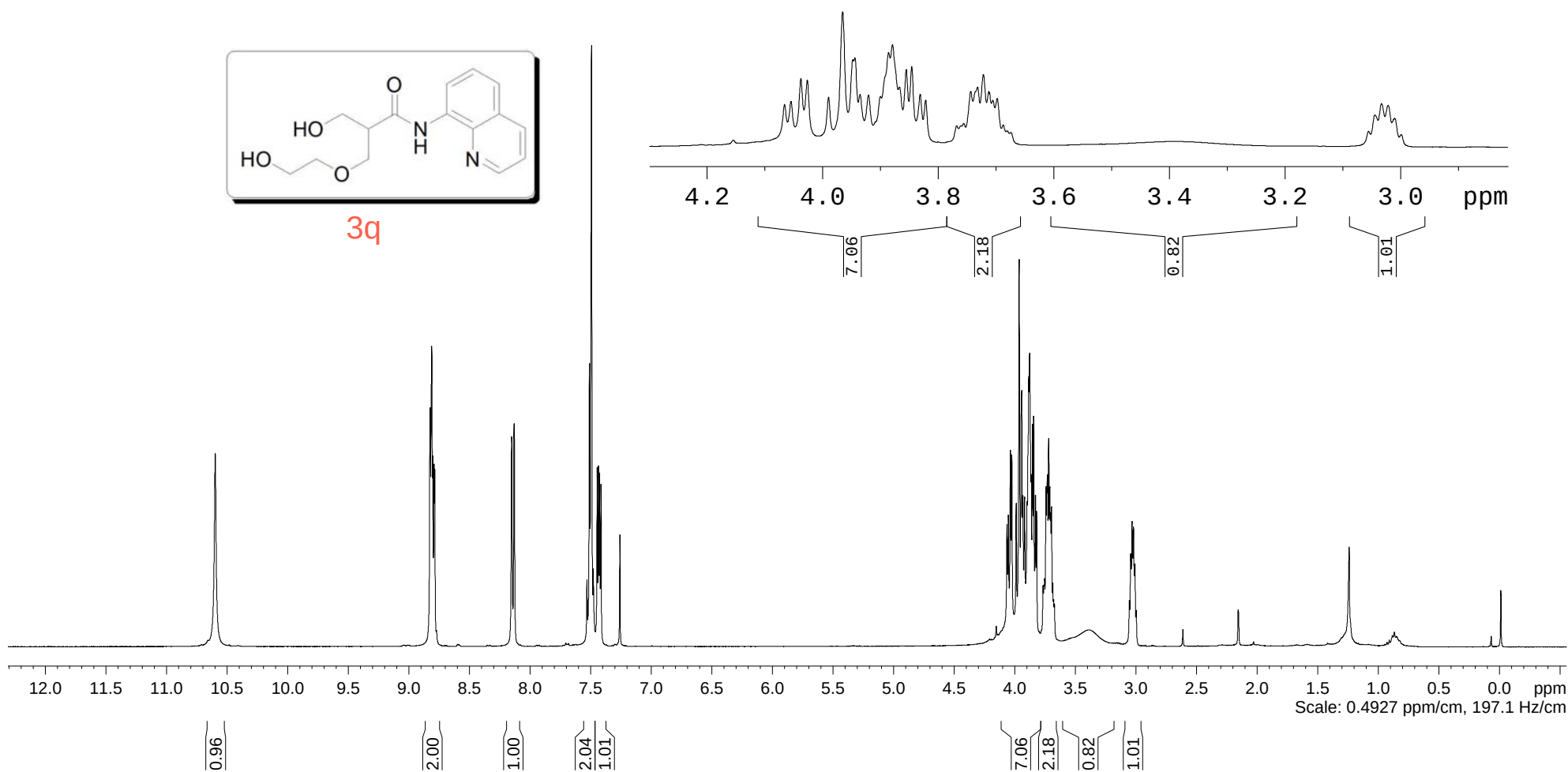


Current Data Parameters
NAME HJT-13-P26-H-20141112
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20141112
Time 16.07
INSTRUM spect

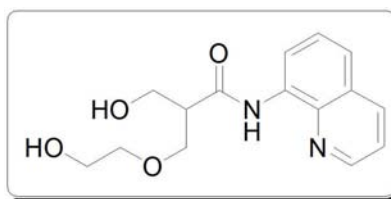


3q

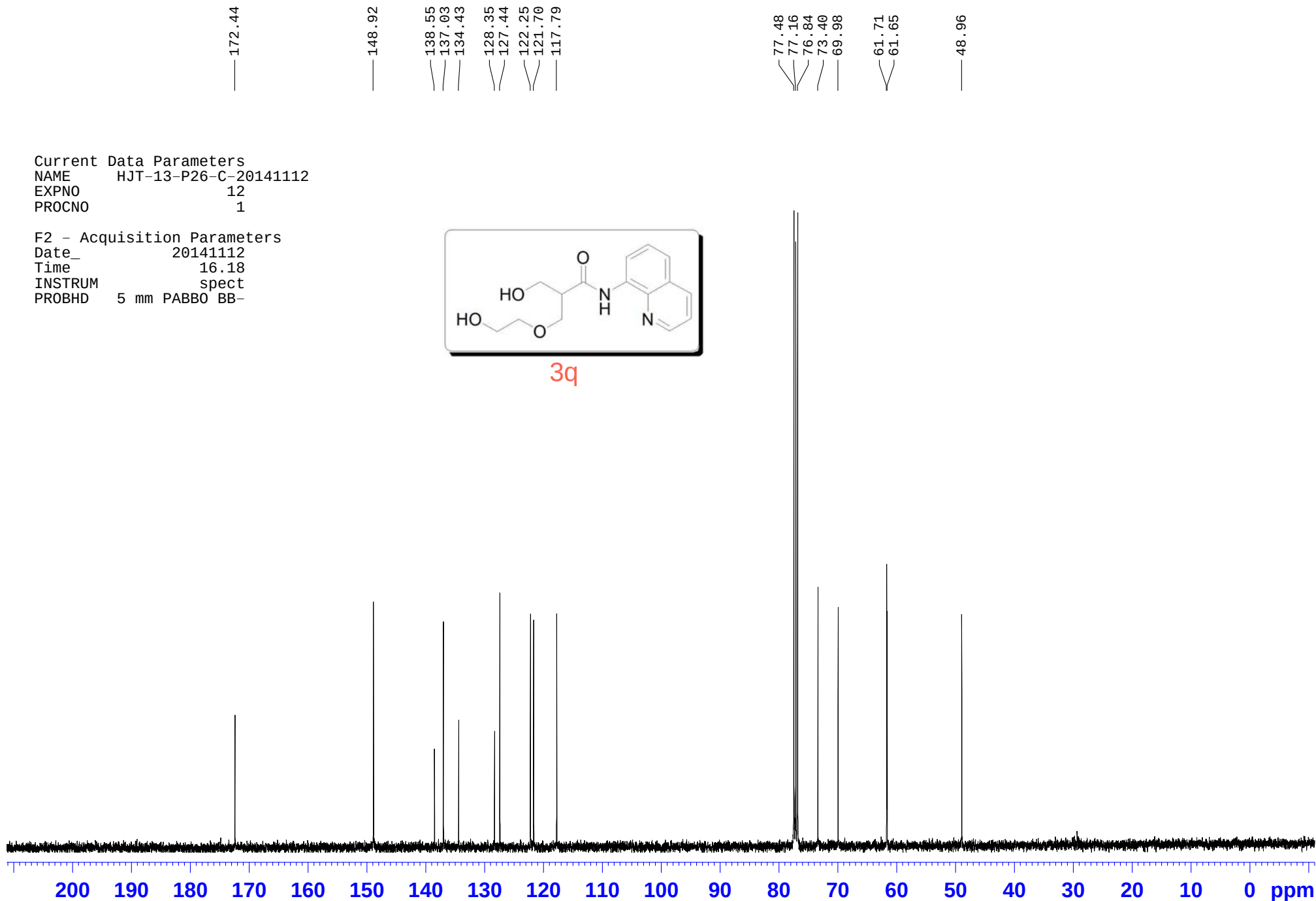


Current Data Parameters
NAME HJT-13-P26-C-20141112
EXPNO 12
PROCNO 1

F2 - Acquisition Parameters
Date_ 20141112
Time 16.18
INSTRUM spect
PROBHD 5 mm PABBO BB-

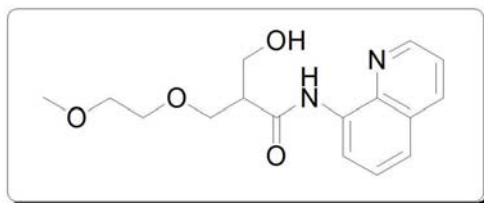


3q

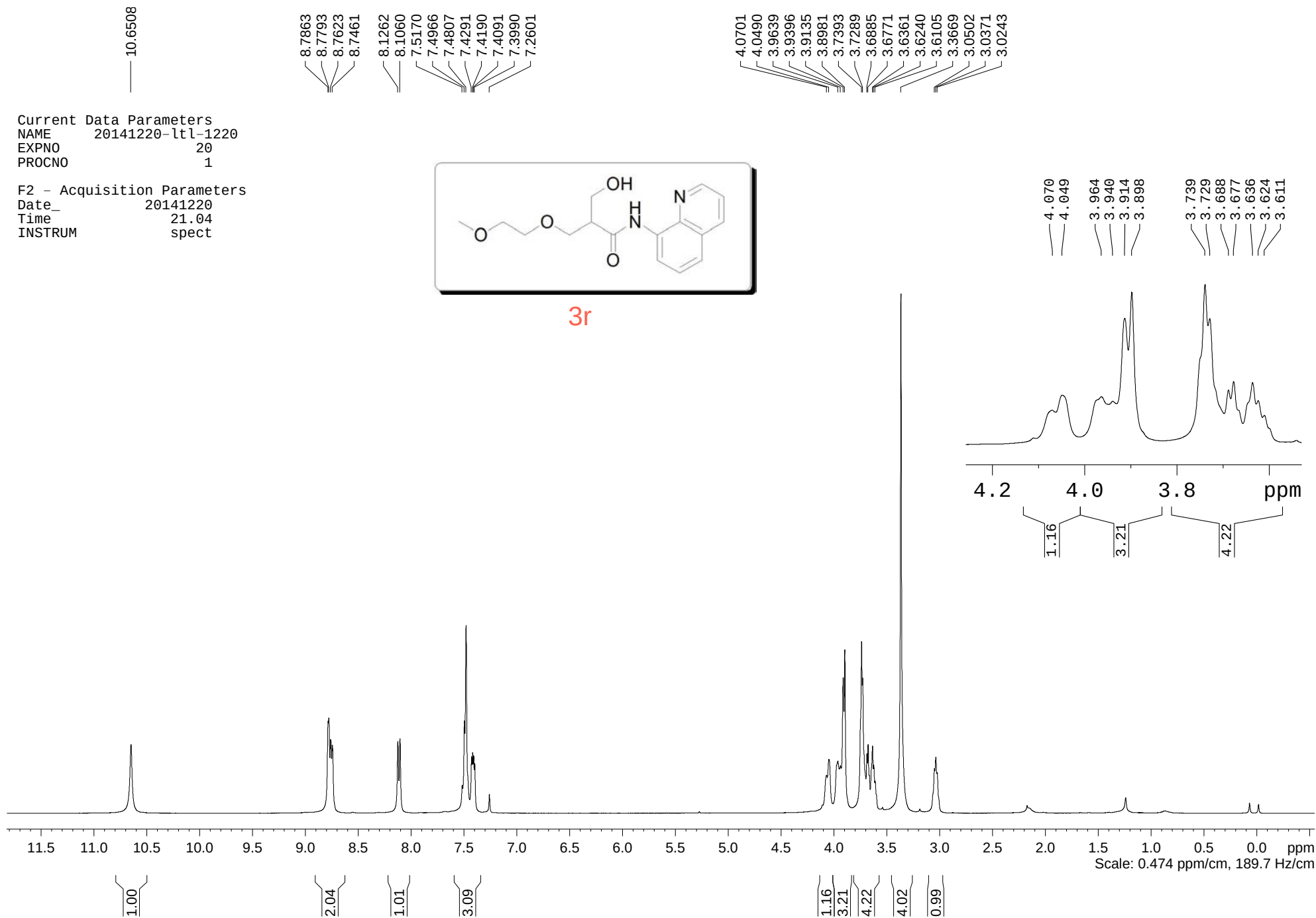


Current Data Parameters
 NAME 20141220-ltl-1220
 EXPNO 20
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20141220
 Time 21.04
 INSTRUM spect



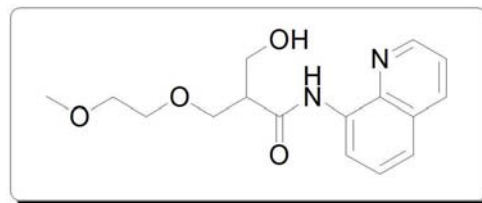
3r



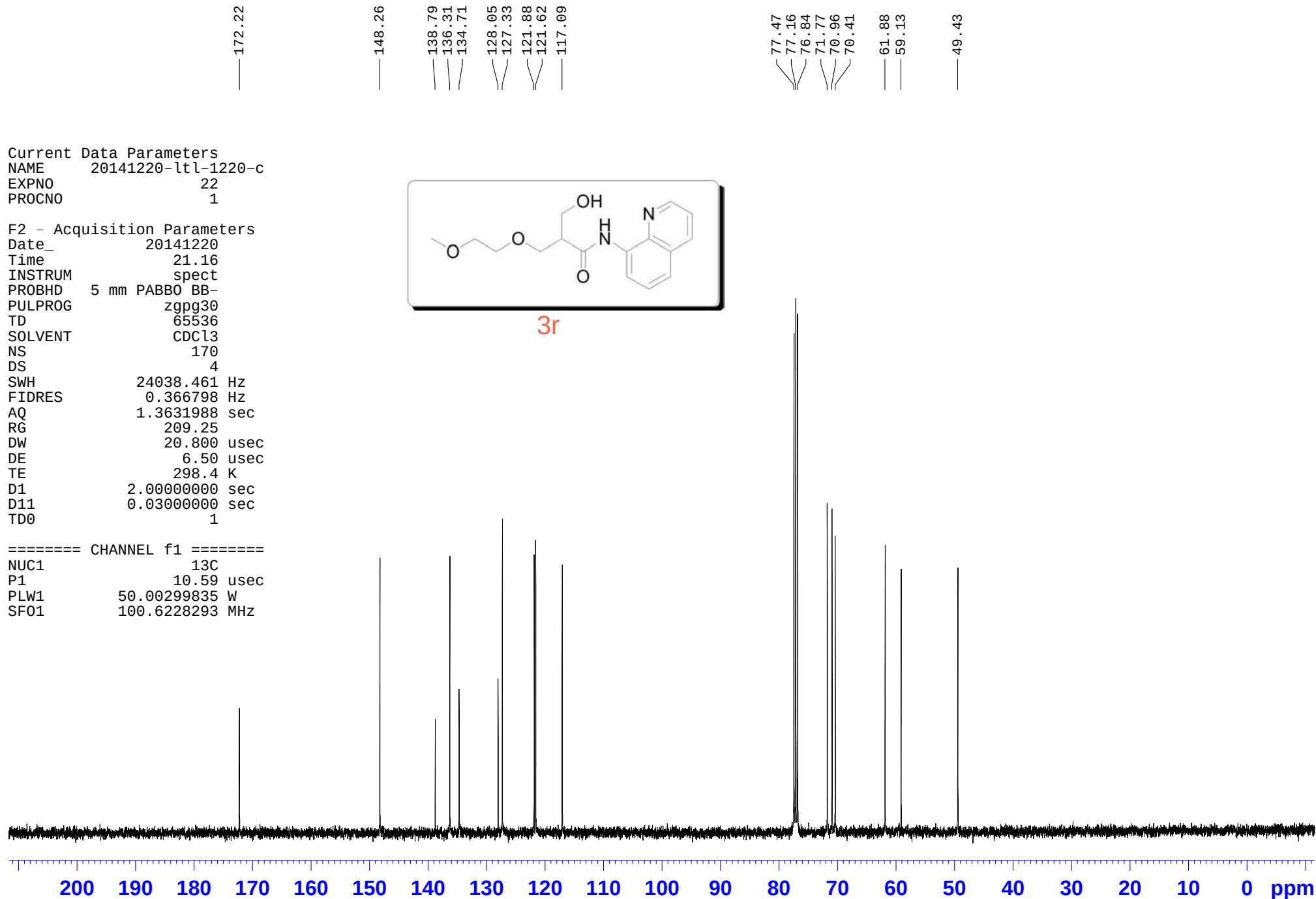
Current Data Parameters
 NAME 20141220-ltl-1220-c
 EXPNO 22
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20141220
 Time 21.16
 INSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 170
 DS 4
 SWH 24038.461 Hz
 FIDRES 0.366798 Hz
 AQ 1.3631988 sec
 RG 209.25
 DW 20.800 usec
 DE 6.50 usec
 TE 298.4 K
 D1 2.00000000 sec
 D11 0.03000000 sec
 TD0 1

===== CHANNEL f1 =====
 NUC1 13C
 P1 10.59 usec
 PLW1 50.00299835 W
 SF01 100.6228293 MHz

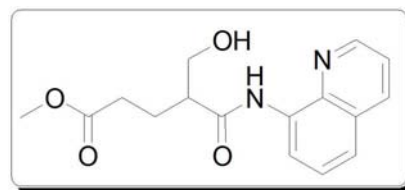


3r

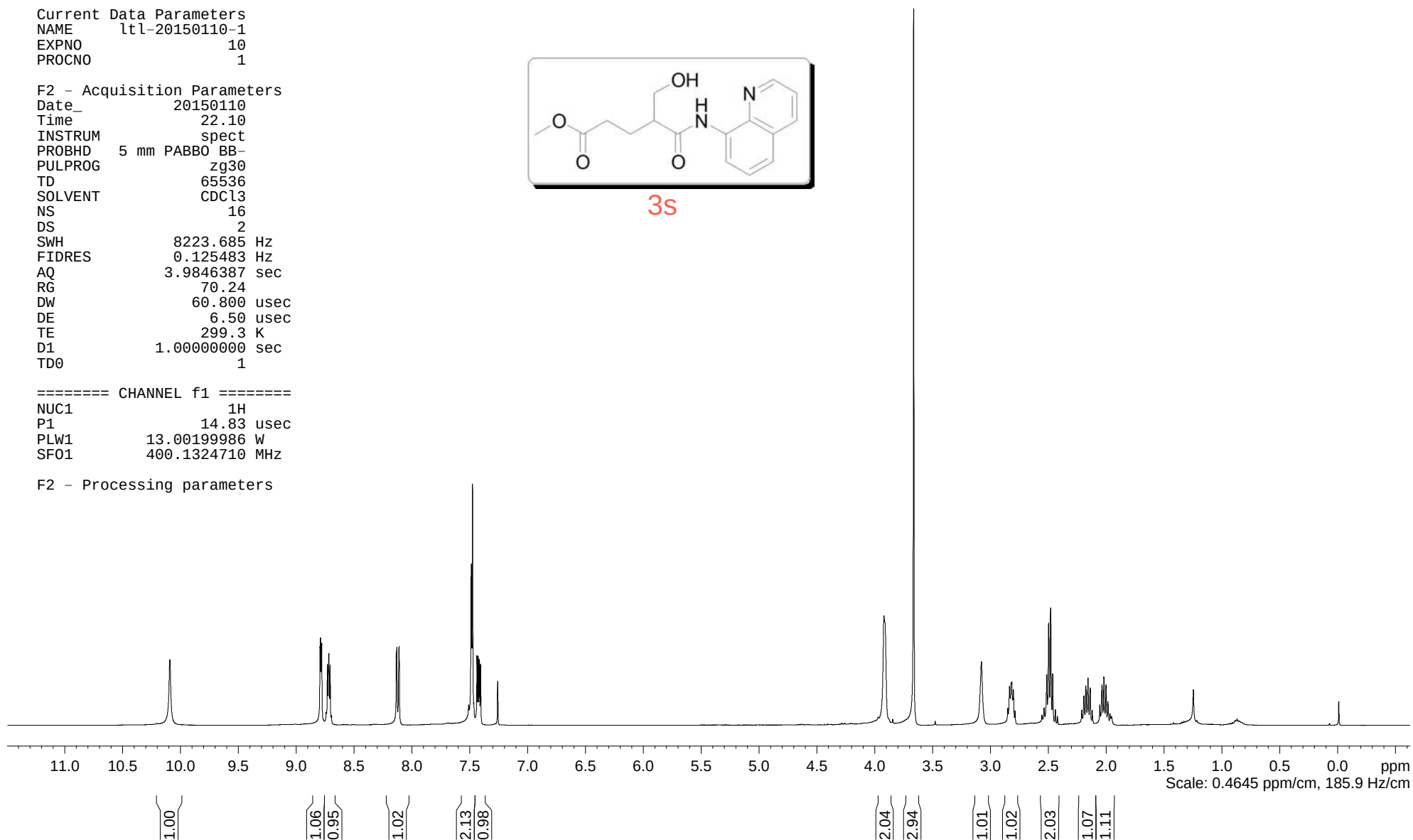


3.9212
3.6651
3.0793
2.8514
2.8366
2.8218
2.8165
2.8093
2.8031
2.7886
2.5561
2.5375
2.5152
2.4981
2.4810
2.4630
2.4405
2.4221
2.2123
2.1935
2.1763
2.1578
2.1392
2.1209
2.0559
2.0375
2.0211
2.0024
1.9861
1.9673
1.9553

F2 – Processing parameters



3s



Current Data Parameters
NAME ltl-20150110-1-C
EXPNO 10
PROCNO 1

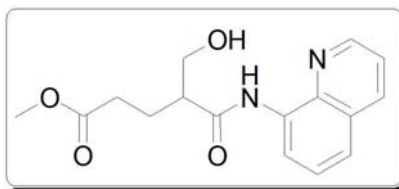
F2 - Acquisition Parameters

Date_ 20150112
Time 9.46
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 430
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.3631988 sec
RG 209.25
DW 20.800 usec
DE 6.50 usec
TE 300.1 K
D1 2.00000000 sec
D11 0.03000000 sec
TD0 1

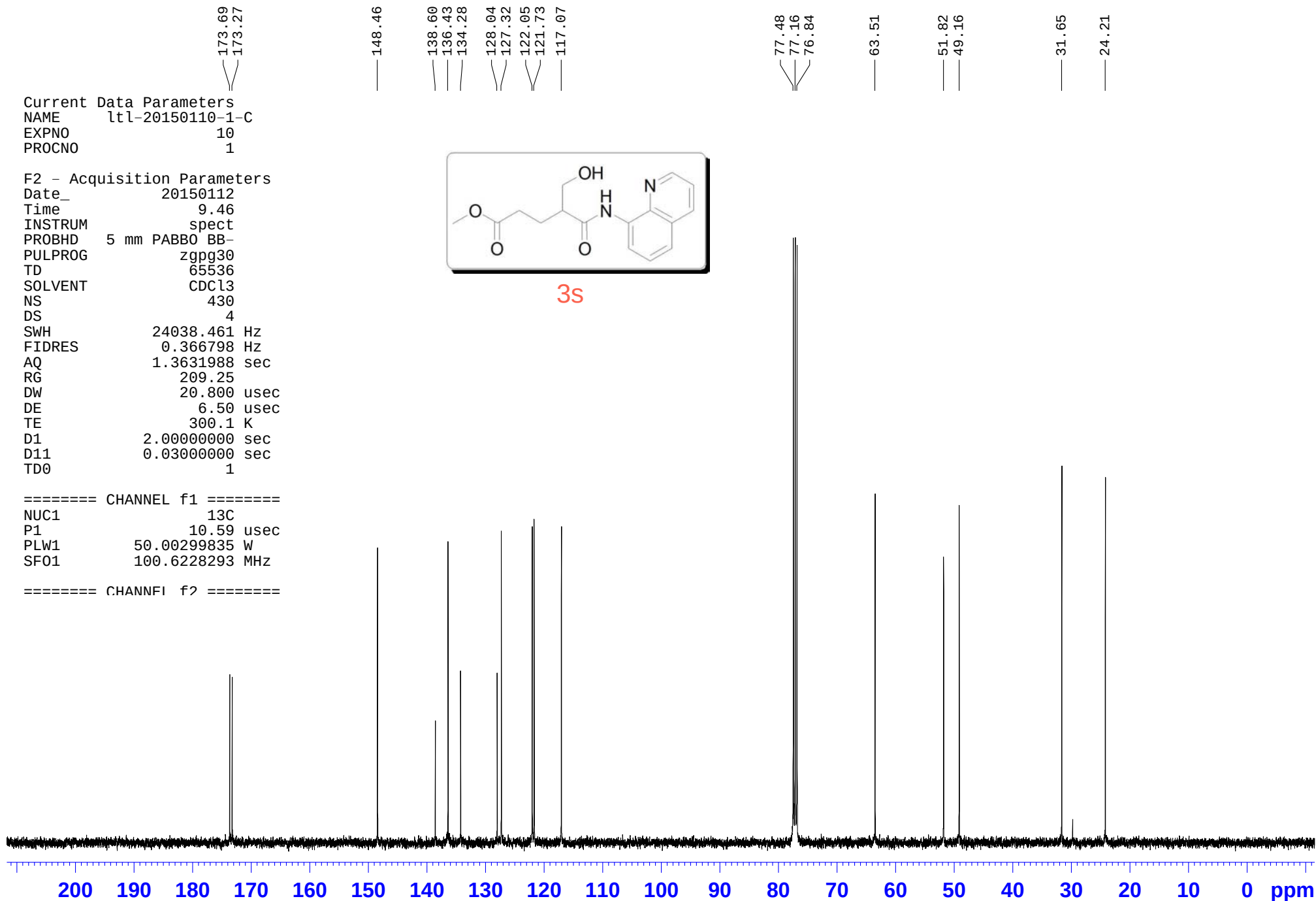
===== CHANNEL f1 =====

NUC1 13C
P1 10.59 usec
PLW1 50.00299835 W
SF01 100.6228293 MHz

===== CHANFI f2 =====



3s



Current Data Parameters
 ME ltl-3-111,
 PNO 10
 OCNO 1

- Acquisition Parameters

te_ 20150305
 me 21.19
 STRUM spect
 OBHD 5 mm PABBO BB-
 LPROG zg30
 65536
 LVENT CDCl3
 16
 2
 H 8223.685 Hz
 DRES 0.125483 Hz
 3.9846387 sec
 93.19
 60.800 usec
 6.50 usec

0 K 1.00000000 sec

0 1

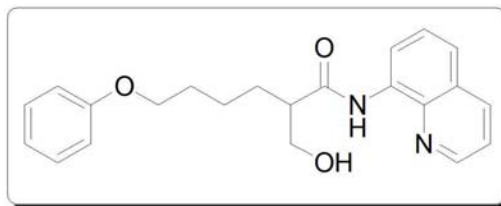
===== CHANNEL f1 =====

C1 1H

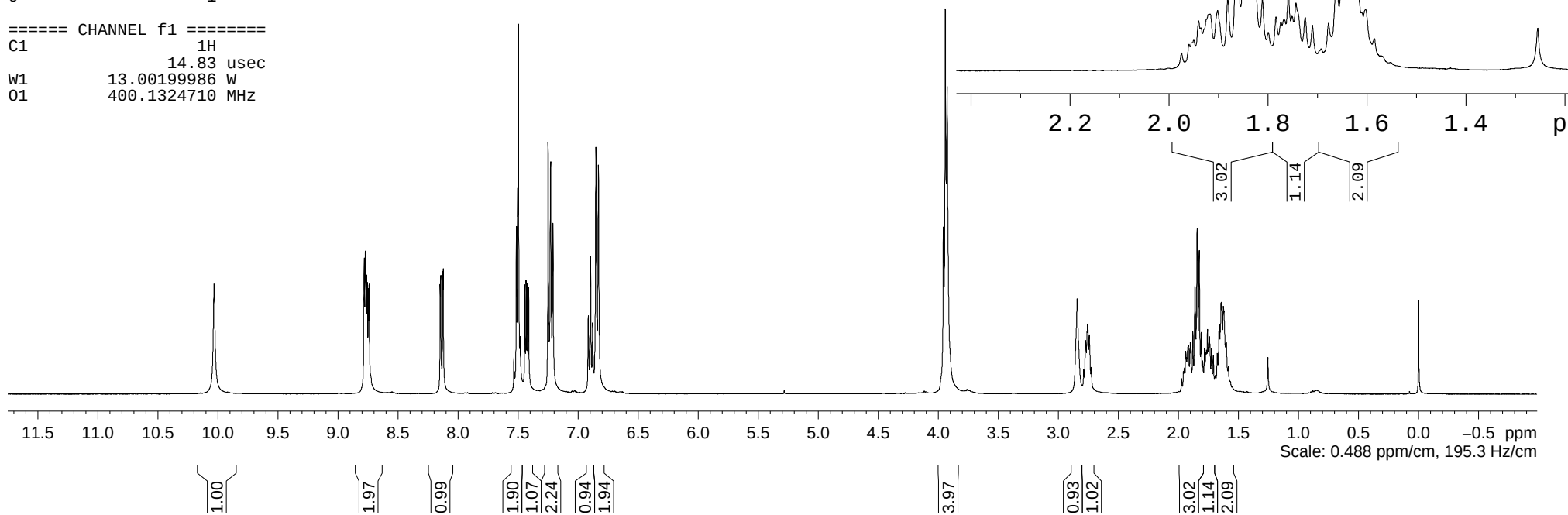
14.83 usec

W1 13.00199986 W

O1 400.1324710 MHz



3t



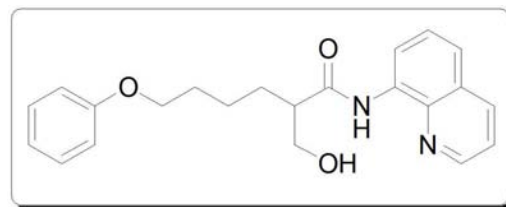
10.0308
 8.7861
 8.7822
 8.7756
 8.7717
 8.7647
 8.7581
 8.7488
 8.7423
 8.1502
 8.1465
 8.1296
 8.1258
 7.5364
 7.5158
 7.5053
 7.4994
 7.4849
 7.4454
 7.4348
 7.4247
 7.4142
 7.2519
 7.2301
 7.2114
 6.9171
 6.8988
 6.8805
 6.8529
 6.8332
 3.9585
 3.9425
 3.9269
 2.8439
 2.7894
 2.7735
 2.7622
 2.7581
 2.7541
 2.7427
 2.7267
 1.9743
 1.9591
 1.9495
 1.9398
 1.9349
 1.9164
 1.9014
 1.8808
 1.8629
 1.8447
 1.8271
 1.8107
 1.7989
 1.7833
 1.7734
 1.7669
 1.7583
 1.7508
 1.7429
 1.7243
 1.7097
 1.6921
 1.6772
 1.6596
 1.6455
 1.6378
 1.6266
 1.6210
 1.6100

1.974
 1.959
 1.950
 1.940
 1.935
 1.916
 1.901
 1.881
 1.863
 1.845
 1.827
 1.811
 1.799
 1.783
 1.773
 1.767
 1.758
 1.751
 1.743
 1.724
 1.710
 1.692
 1.677
 1.660
 1.646
 1.638
 1.627
 1.621
 1.610
 1.602
 1.585

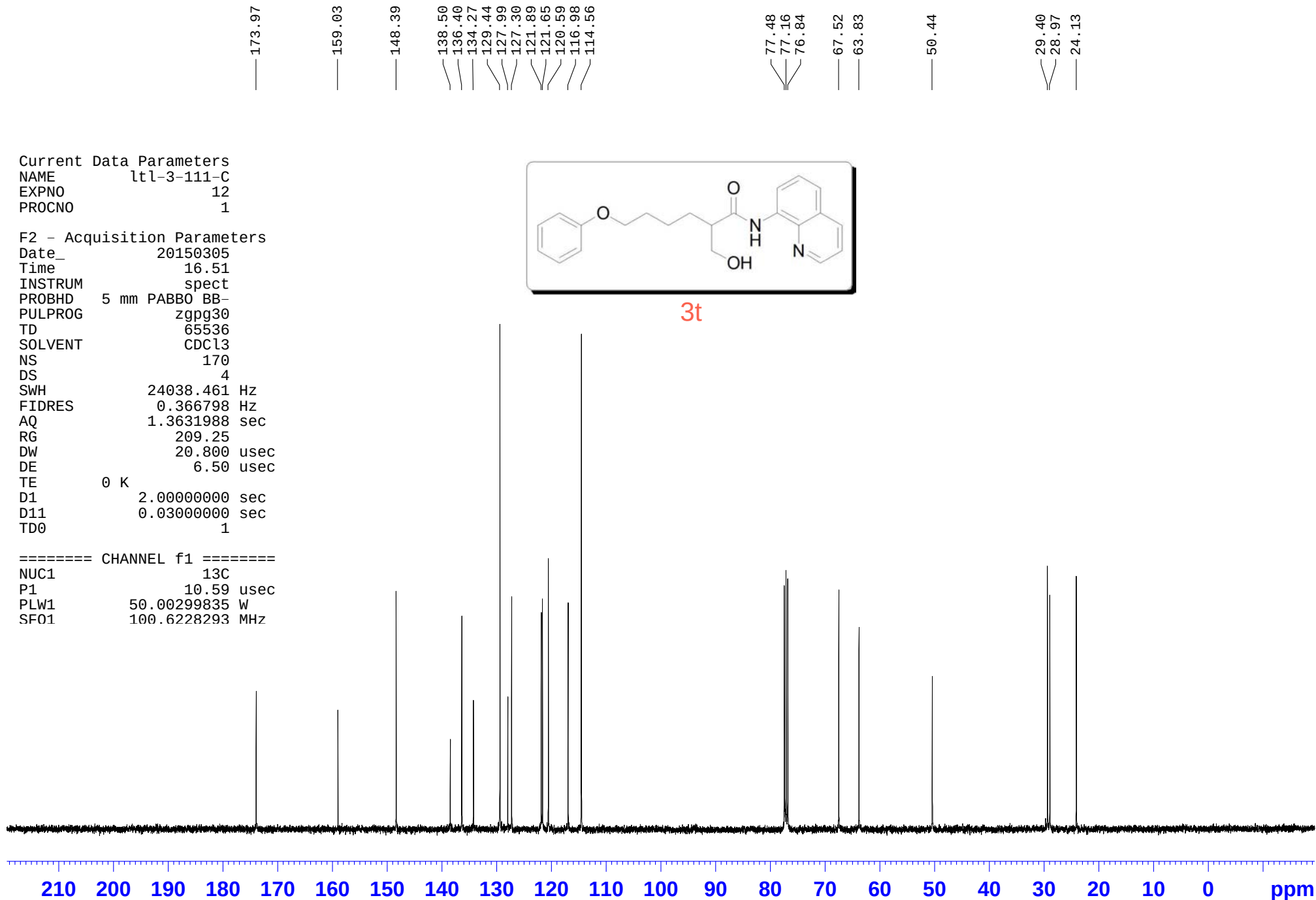
Current Data Parameters
NAME ltl-3-111-C
EXPNO 12
PROCNO 1

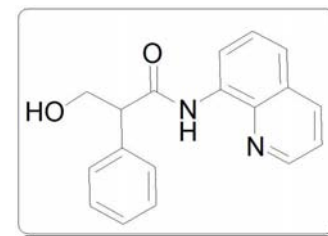
F2 - Acquisition Parameters
Date_ 20150305
Time 16.51
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 170
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.3631988 sec
RG 209.25
DW 20.800 usec
DE 6.50 usec
TE 0 K
D1 2.00000000 sec
D11 0.03000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 13C
P1 10.59 usec
PLW1 50.00299835 W
SF01 100.6228293 MHz

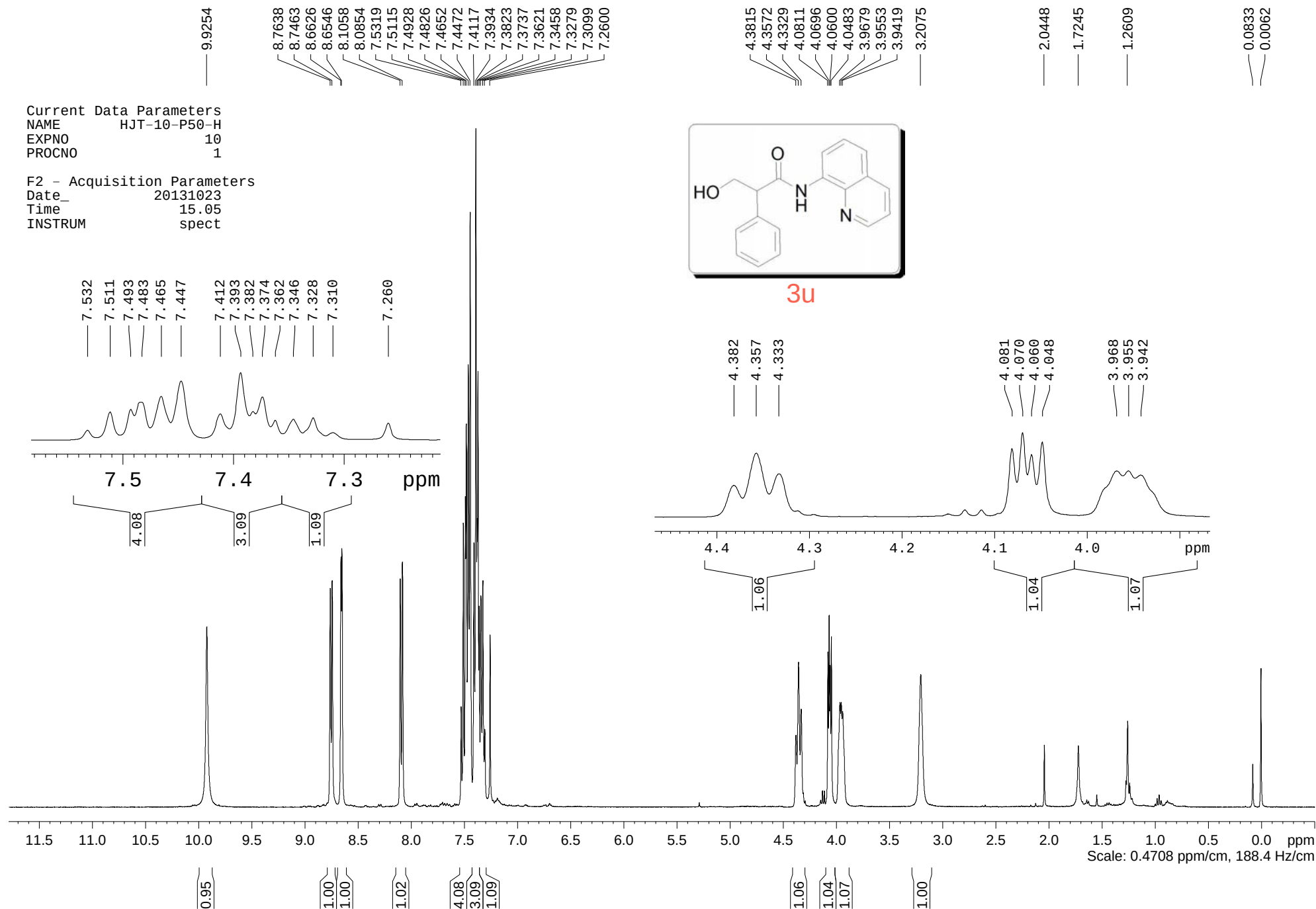


3t



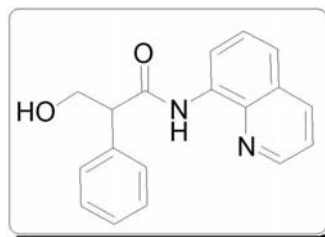


3u

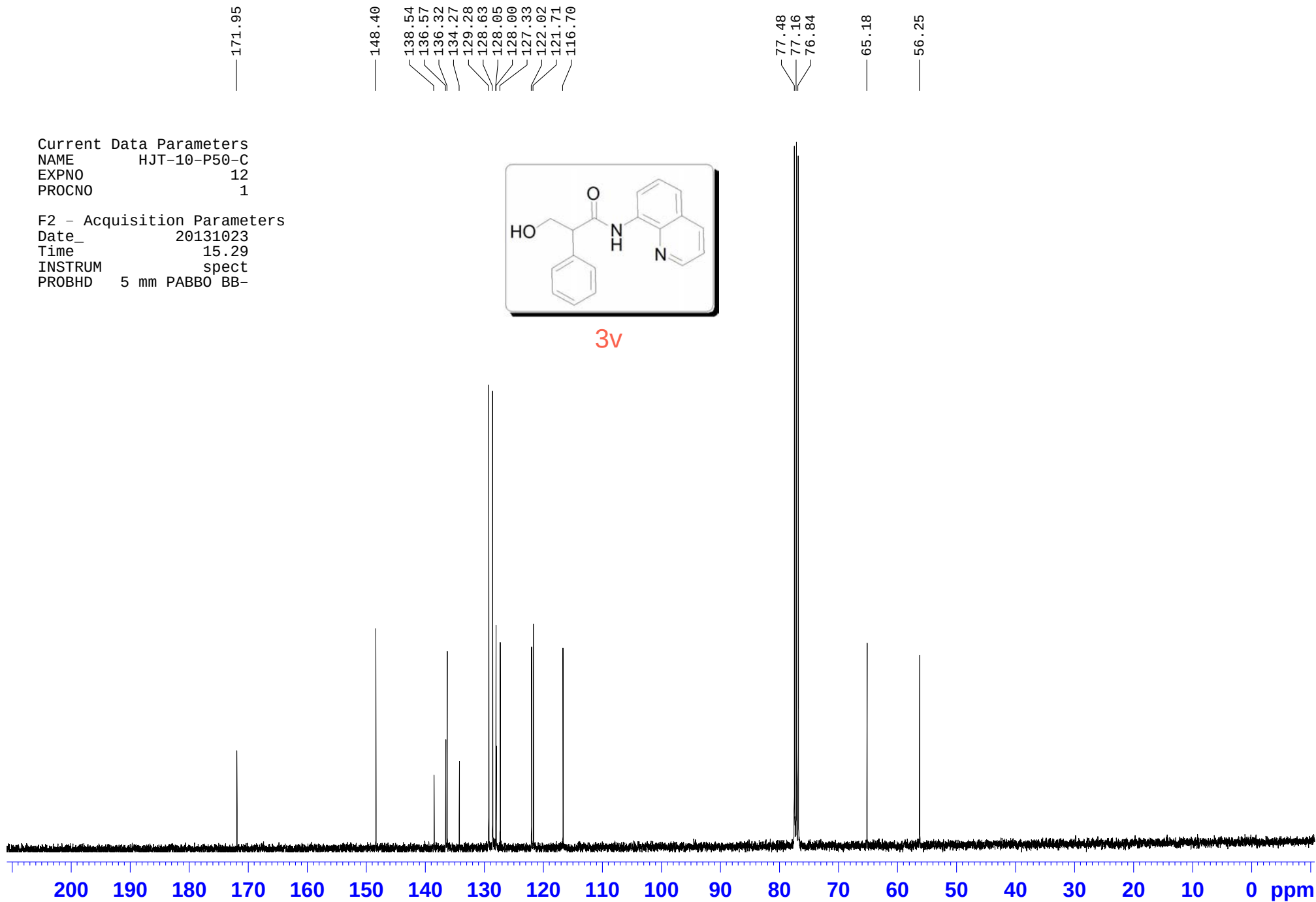


Current Data Parameters
NAME HJT-10-P50-C
EXPNO 12
PROCNO 1

F2 - Acquisition Parameters
Date_ 20131023
Time 15.29
INSTRUM spect
PROBHD 5 mm PABBO BB-

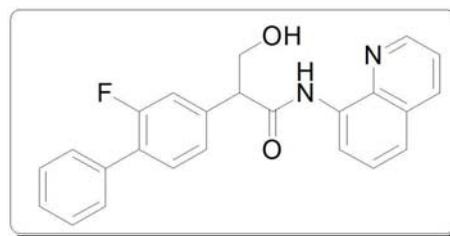


3v

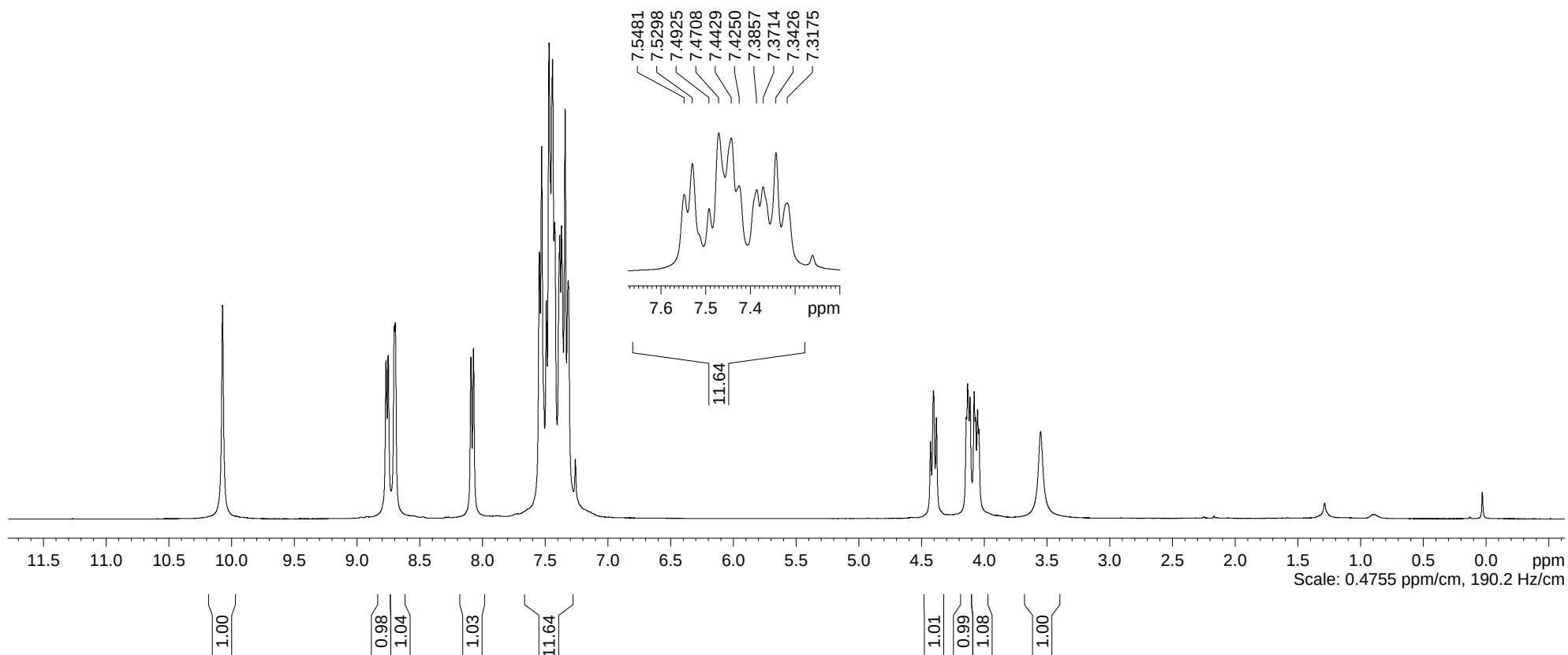


Current Data Parameters
NAME ltl-3-25
EXPNO 12
PROCNO 1

F2 - Acquisition Parameters
Date_ 20150204
Time 21.14
INSTRUM spect



3v



Current Data Parameters
 ME ltl-3-25-c
 PNO 14
 OCNO 1

- Acquisition Parameters

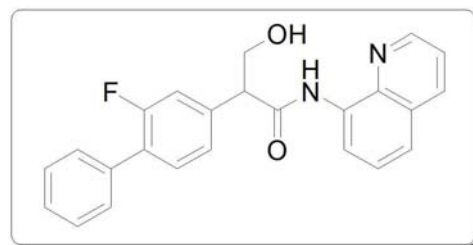
te_ 20150204
 me 21.20
 STRUM spect
 OBHD 5 mm PABBO BB-
 LPROG zgpg30
 65536
 LVENT CDC13
 87
 4
 H 24038.461 Hz
 DRES 0.366798 Hz
 1.3631988 sec
 209.25
 20.800 usec
 6.50 usec
 295.6 K
 2.00000000 sec
 1 0.03000000 sec
 0 1

===== CHANNEL f1 =====

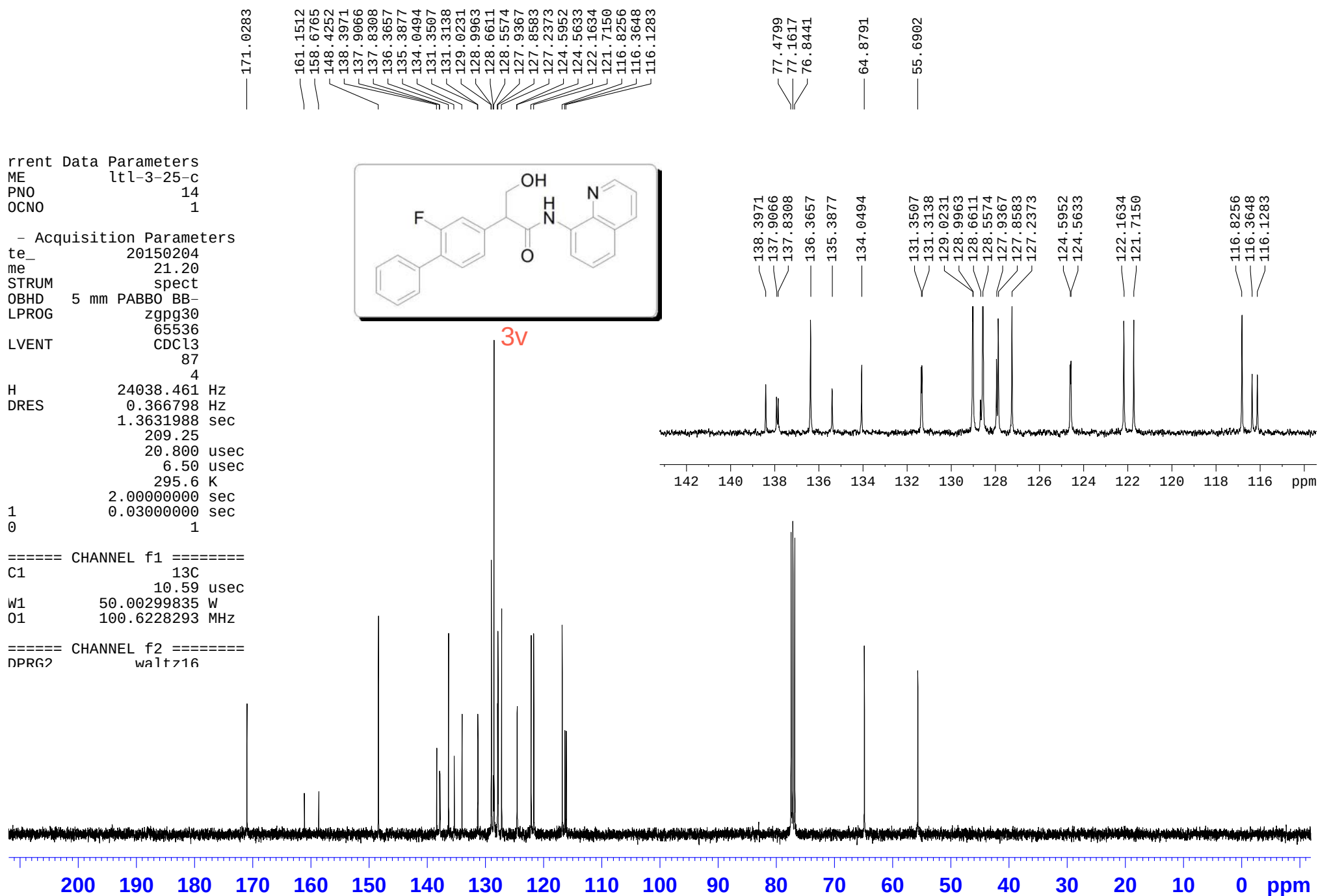
C1 13C
 10.59 usec
 W1 50.00299835 W
 O1 100.6228293 MHz

===== CHANNEL f2 =====

DPRG2 waltz16



3v

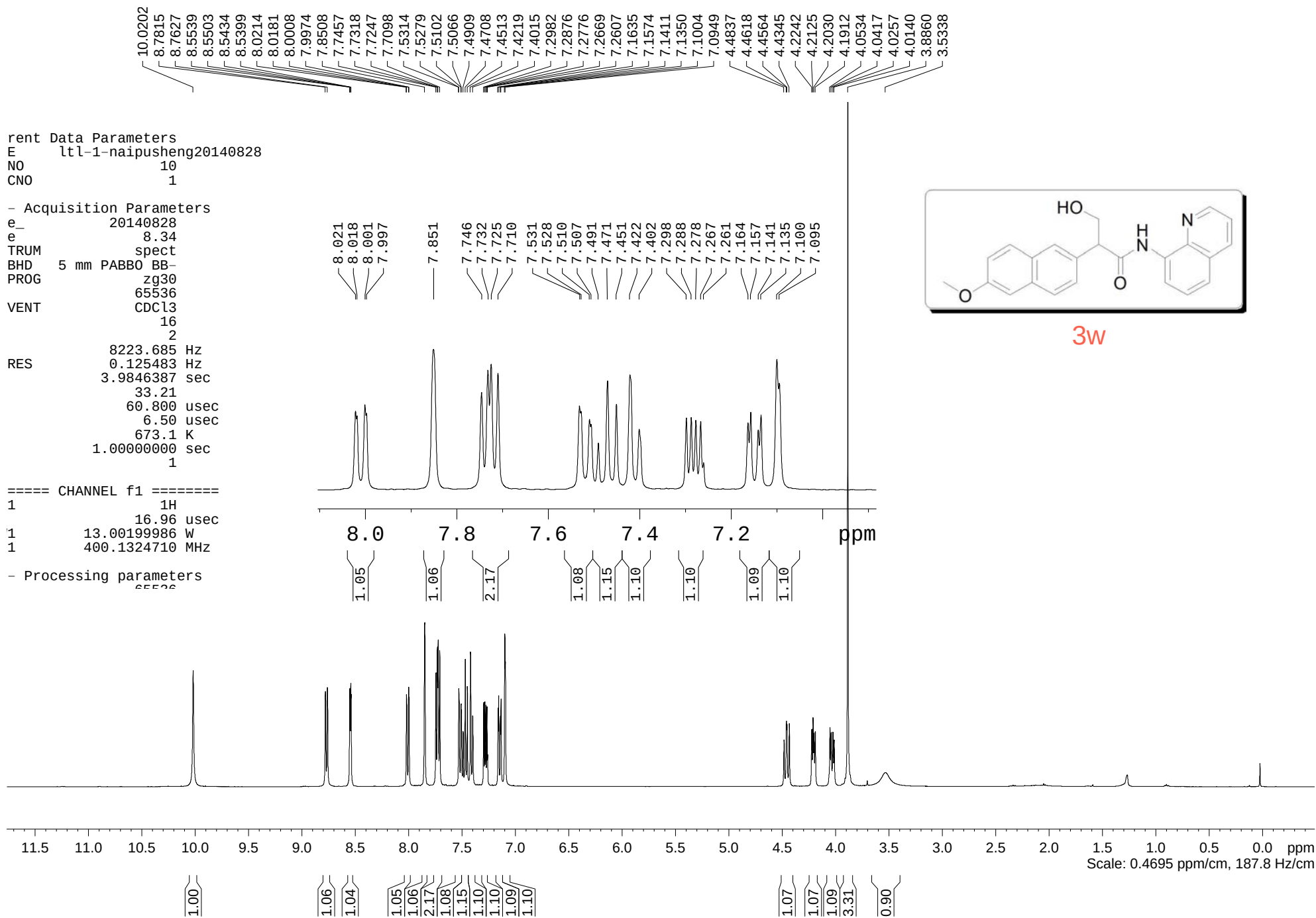


rent Data Parameters
 E ltl-1-naipusheng20140828
 NO 10
 CNO 1

- Acquisition Parameters
 e_ 20140828
 e_ 8.34
 TRUM spect
 BHD 5 mm PABBO BB-
 PROG zg30
 65536
 VENT CDC13
 16
 2
 RES 8223.685 Hz
 0.125483 Hz
 3.9846387 sec
 33.21
 60.800 usec
 6.50 usec
 673.1 K
 1.00000000 sec
 1

==== CHANNEL f1 =====
 1 1H
 16.96 usec
 1 13.00199986 W
 1 400.1324710 MHz

- Processing parameters
 65536



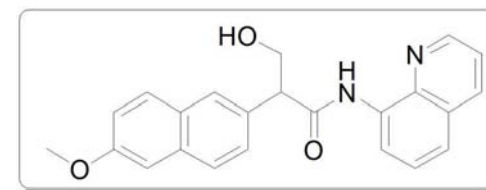
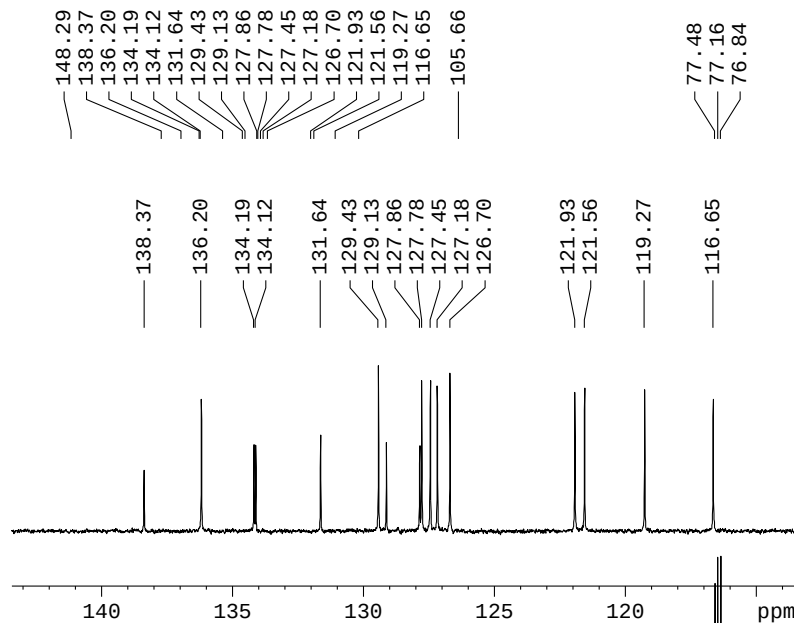
ent Data Parameters
l1l-1-naipusheng20140828

O 11
NO 1

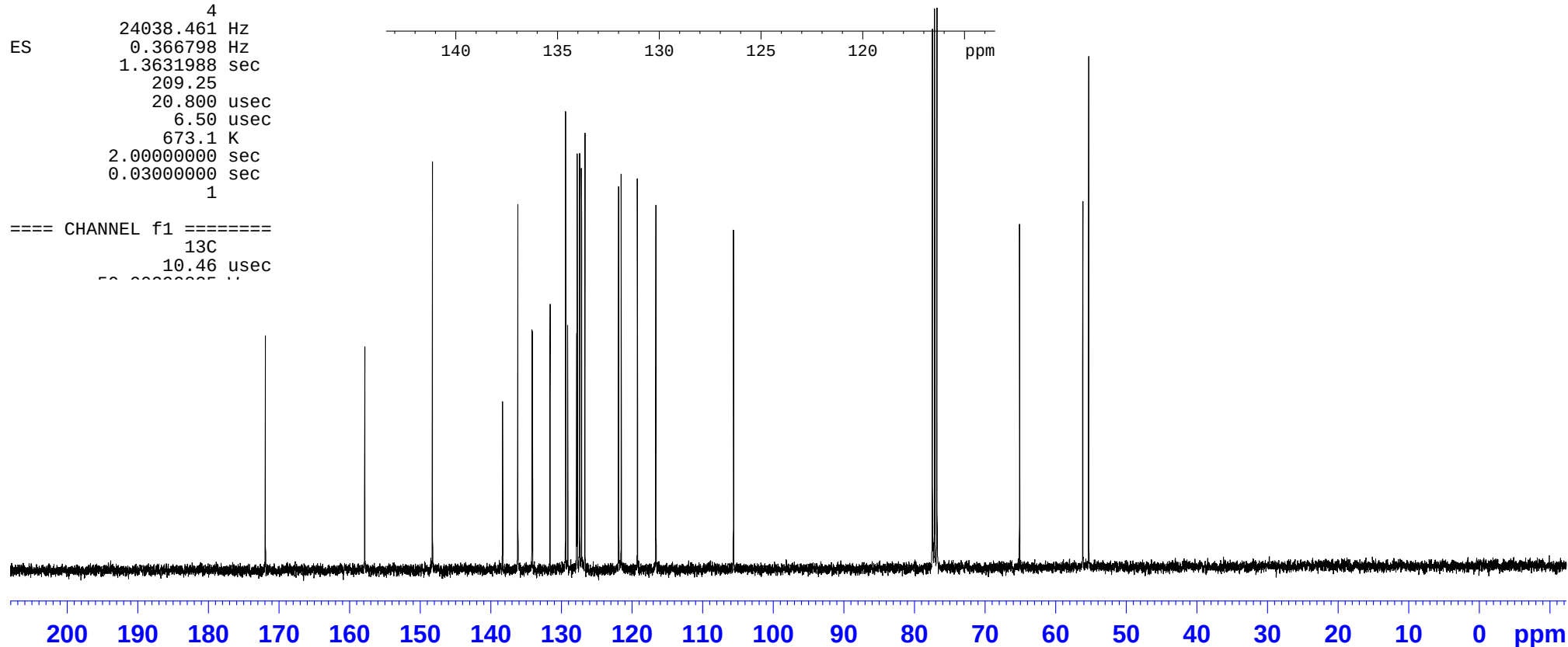
Acquisition Parameters

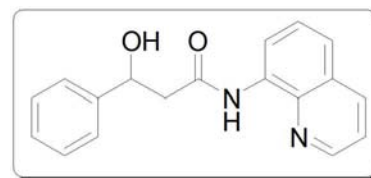
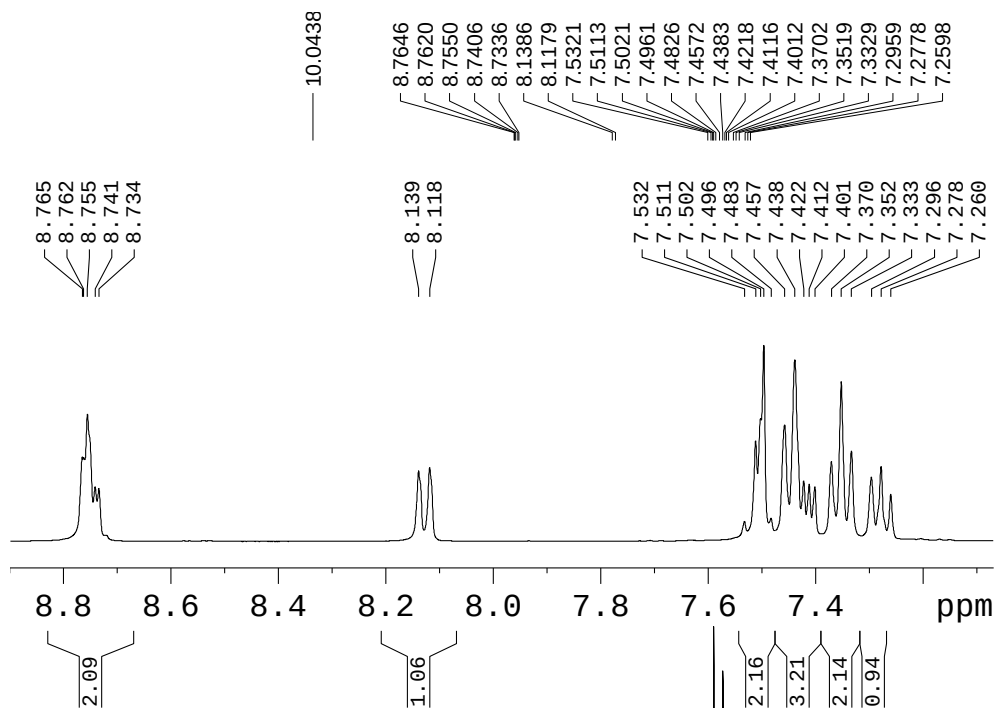
— 20140828
8.44
RUM spect
HD 5 mm PABBO BB-
ROG zgpg30
65536
ENT CDCl3
160
4
24038.461 Hz
ES 0.366798 Hz
1.3631988 sec
209.25
20.800 usec
6.50 usec
673.1 K
2.00000000 sec
0.03000000 sec
1

==== CHANNEL f1 =====
13C
10.46 usec
=====



3w

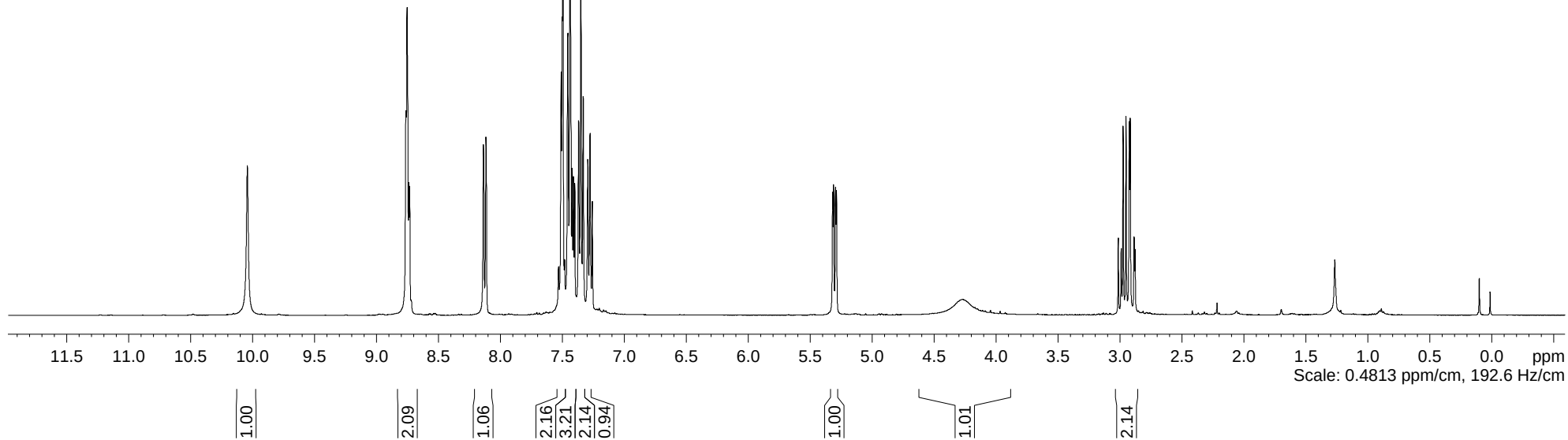




4a

Current Data Parameters
 NAME 20140826-ltl-1-benbingsuan
 EXPNO 10
 PROCNO 1

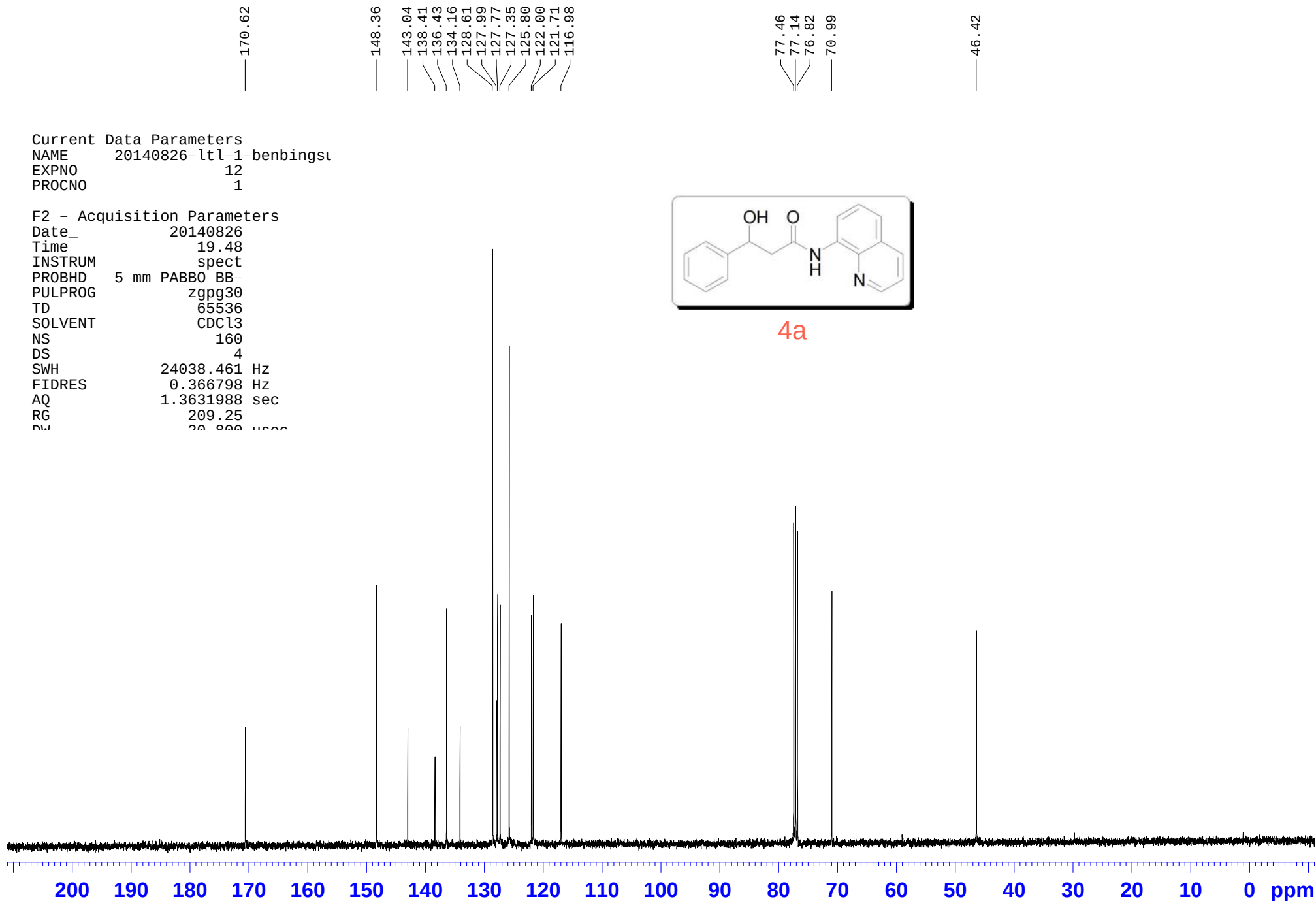
F2 - Acquisition Parameters
 Date_ 20140826
 Time 19.31
 INSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG zg30
 TD 65536
 SOLVENT CDCl₃
 NS 16
 DS 2
 SWH 8223.685 Hz



Scale: 0.4813 ppm/cm, 192.6 Hz/cm

Current Data Parameters
NAME 20140826-ltl-1-benbingsi
EXPNO 12
PROCNO 1

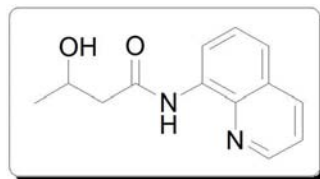
F2 - Acquisition Parameters
Date_ 20140826
Time 19.48
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 160
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.3631988 sec
RG 209.25
RW 20.800 Hz



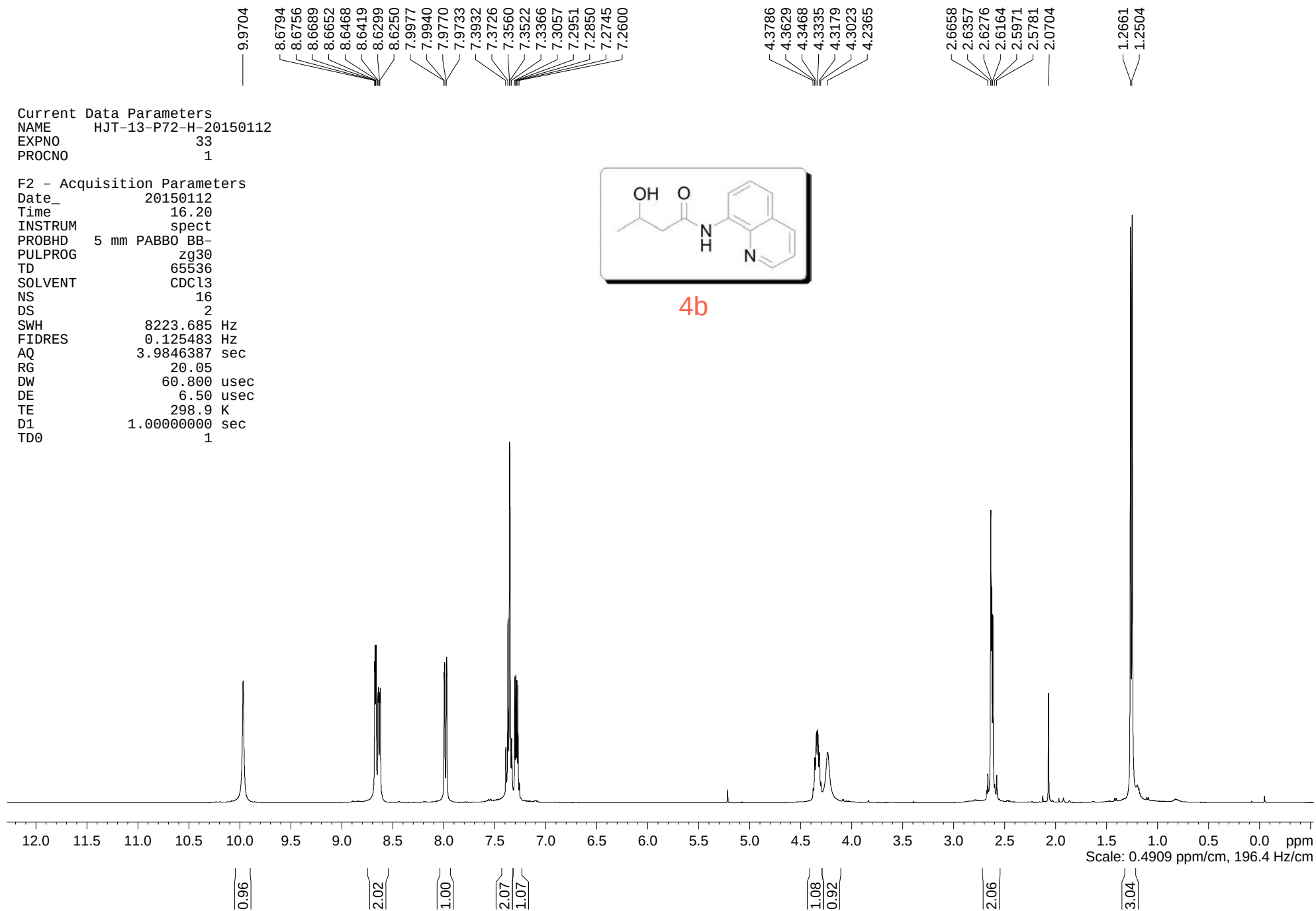
Current Data Parameters
NAME HJT-13-P72-H-20150112
EXPNO 33
PROCNO 1

F2 - Acquisition Parameters

Date_ 20150112
Time 16.20
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 16
DS 2
SWH 8223.685 Hz
FIDRES 0.125483 Hz
AQ 3.9846387 sec
RG 20.05
DW 60.800 usec
DE 6.50 usec
TE 298.9 K
D1 1.00000000 sec
TD0 1



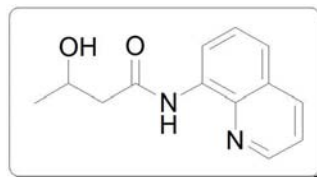
4b



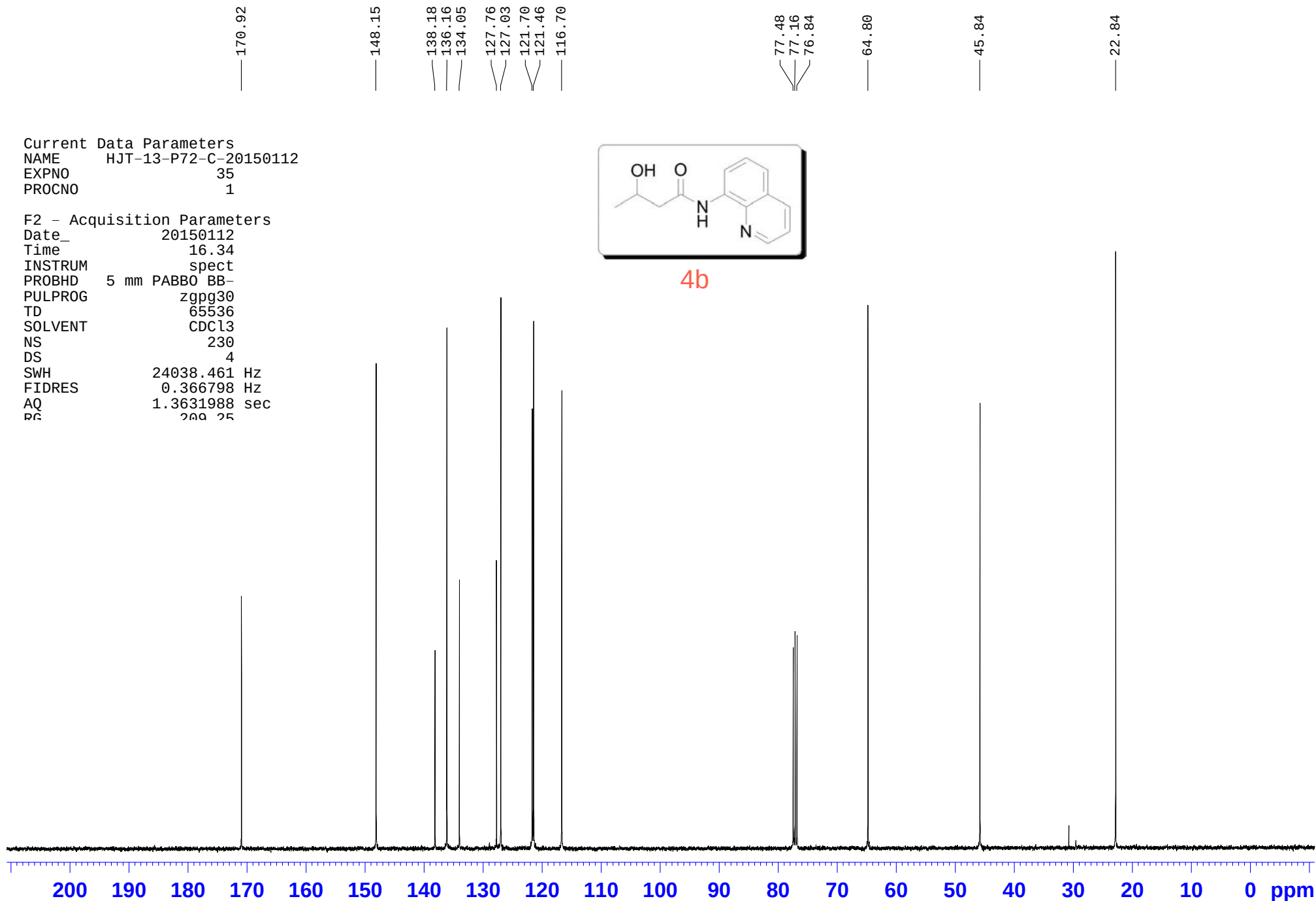
Current Data Parameters
NAME HJT-13-P72-C-20150112
EXPNO 35
PROCNO 1

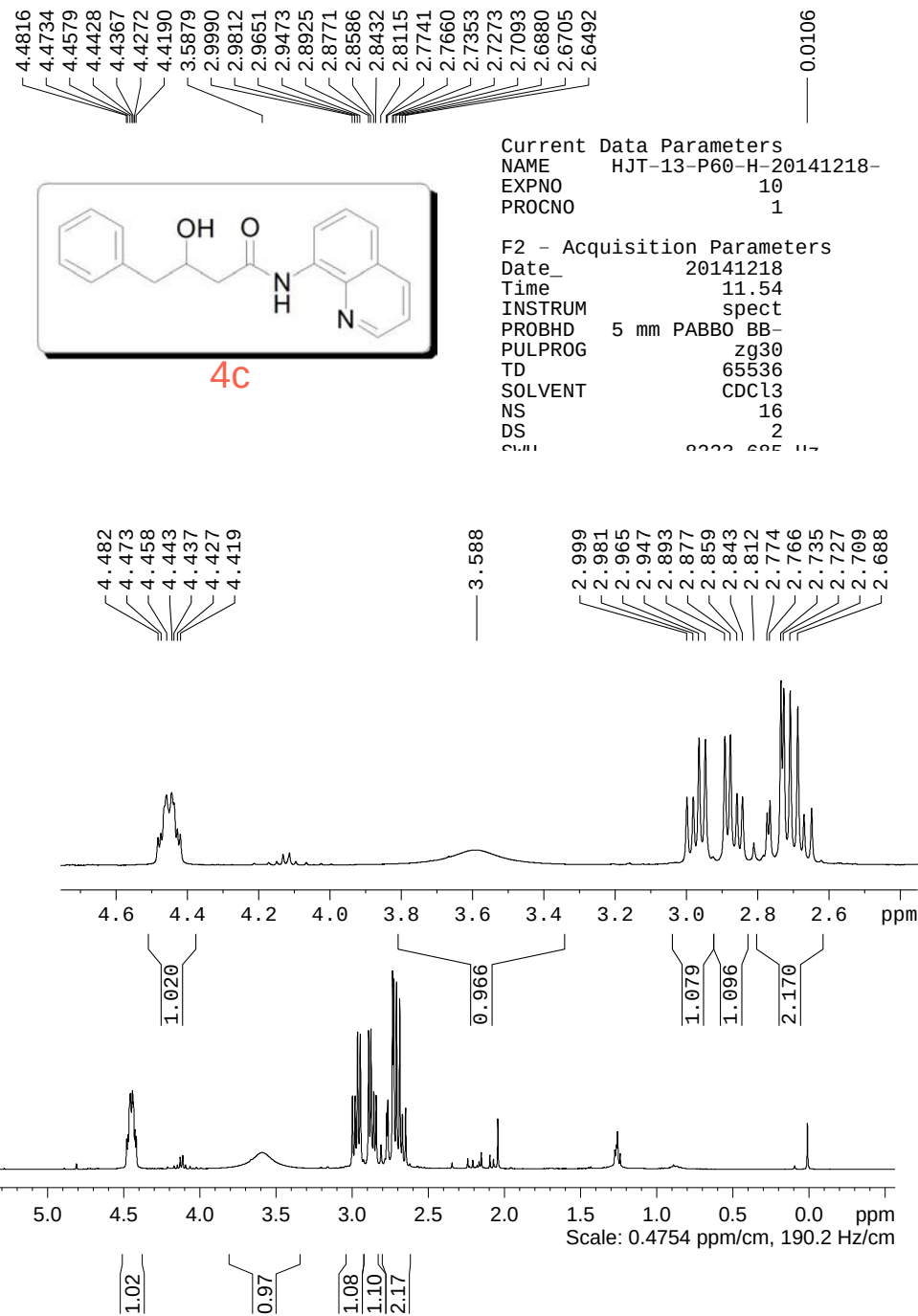
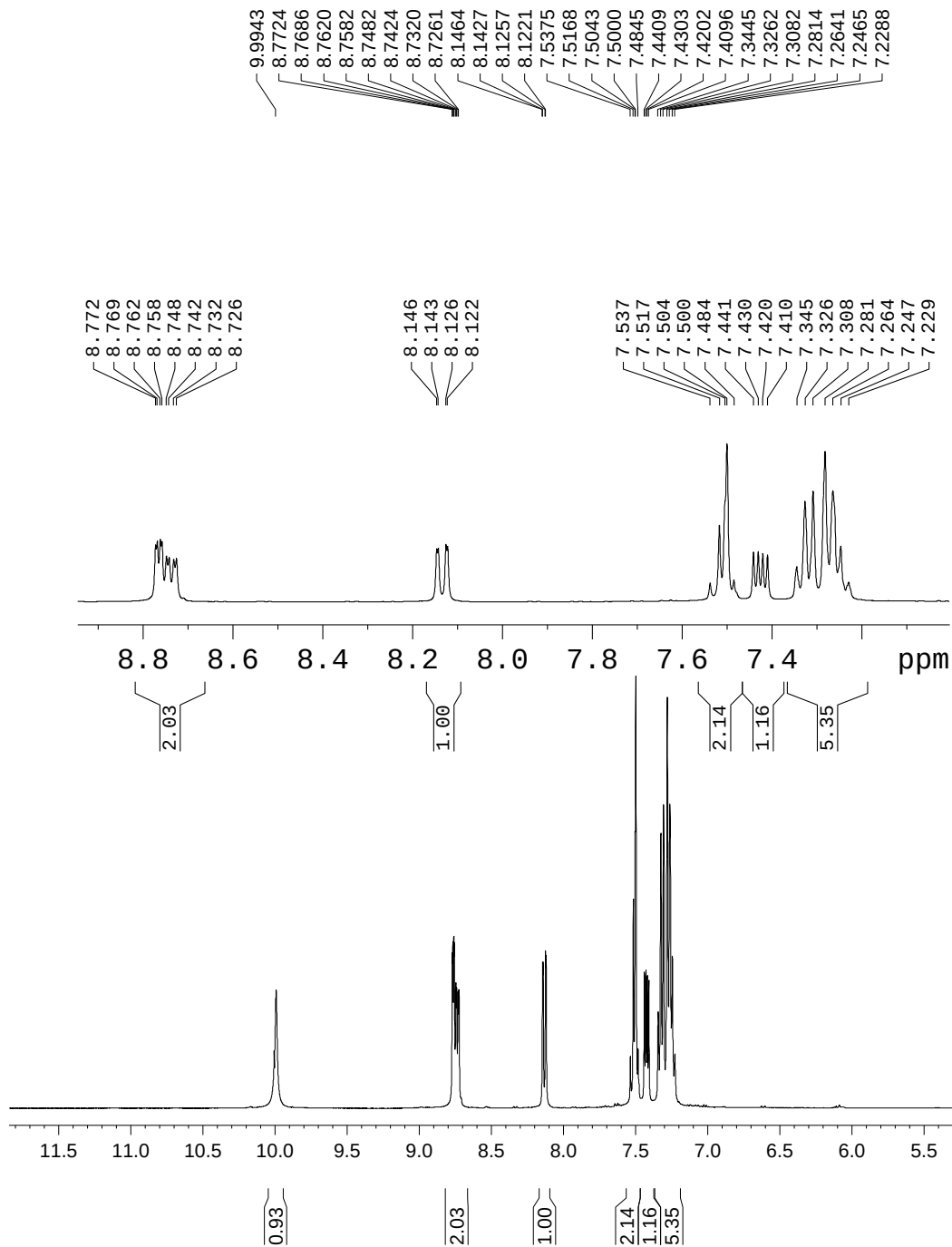
F2 - Acquisition Parameters

Date_ 20150112
Time 16.34
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 230
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.3631988 sec
RG 200 25



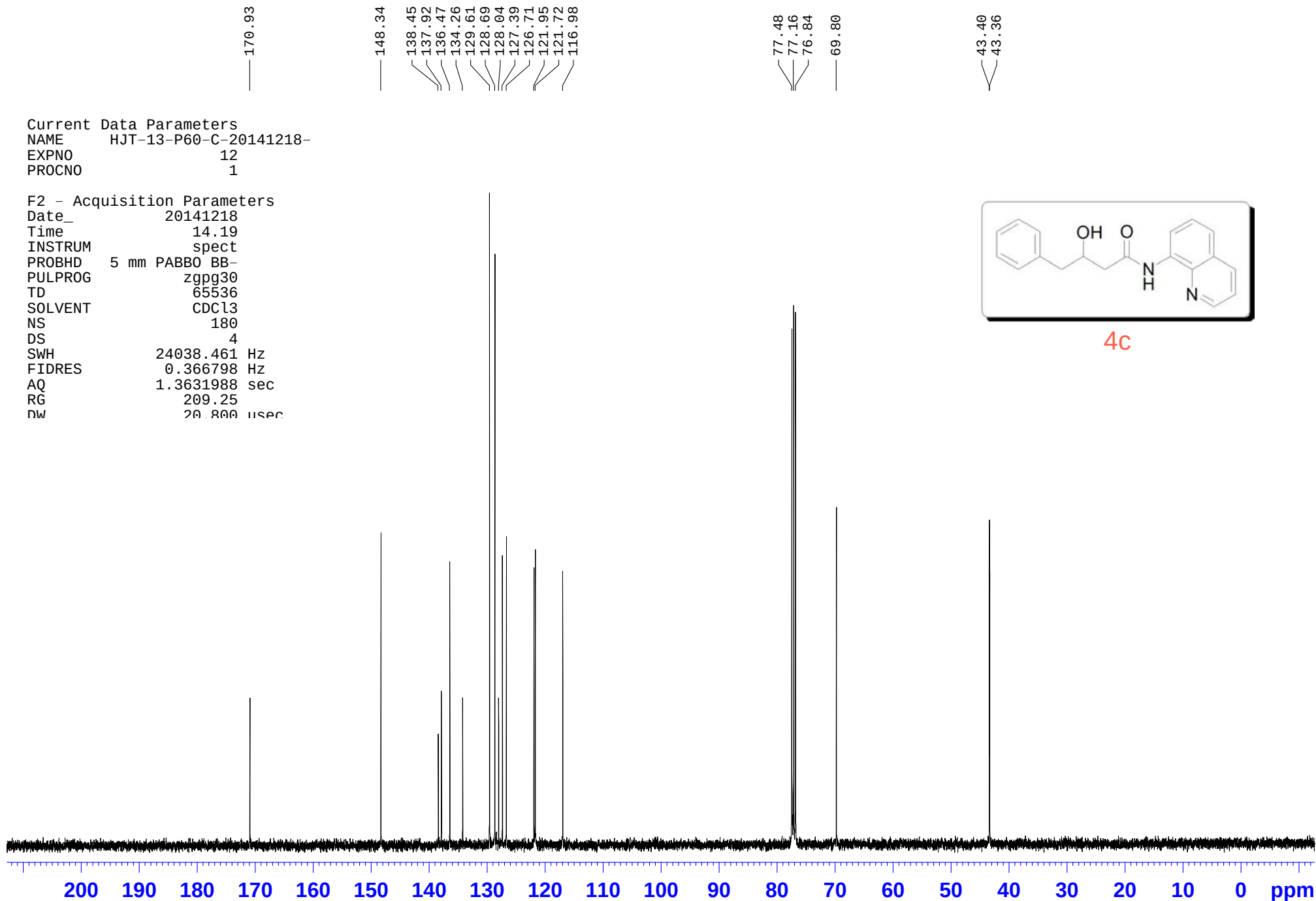
4b





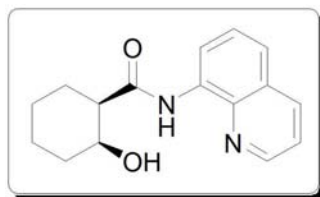
Current Data Parameters
NAME HJT-13-P60-H-20141218-
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20141218
Time 11.54
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 16
DS 2
AQ 0.222

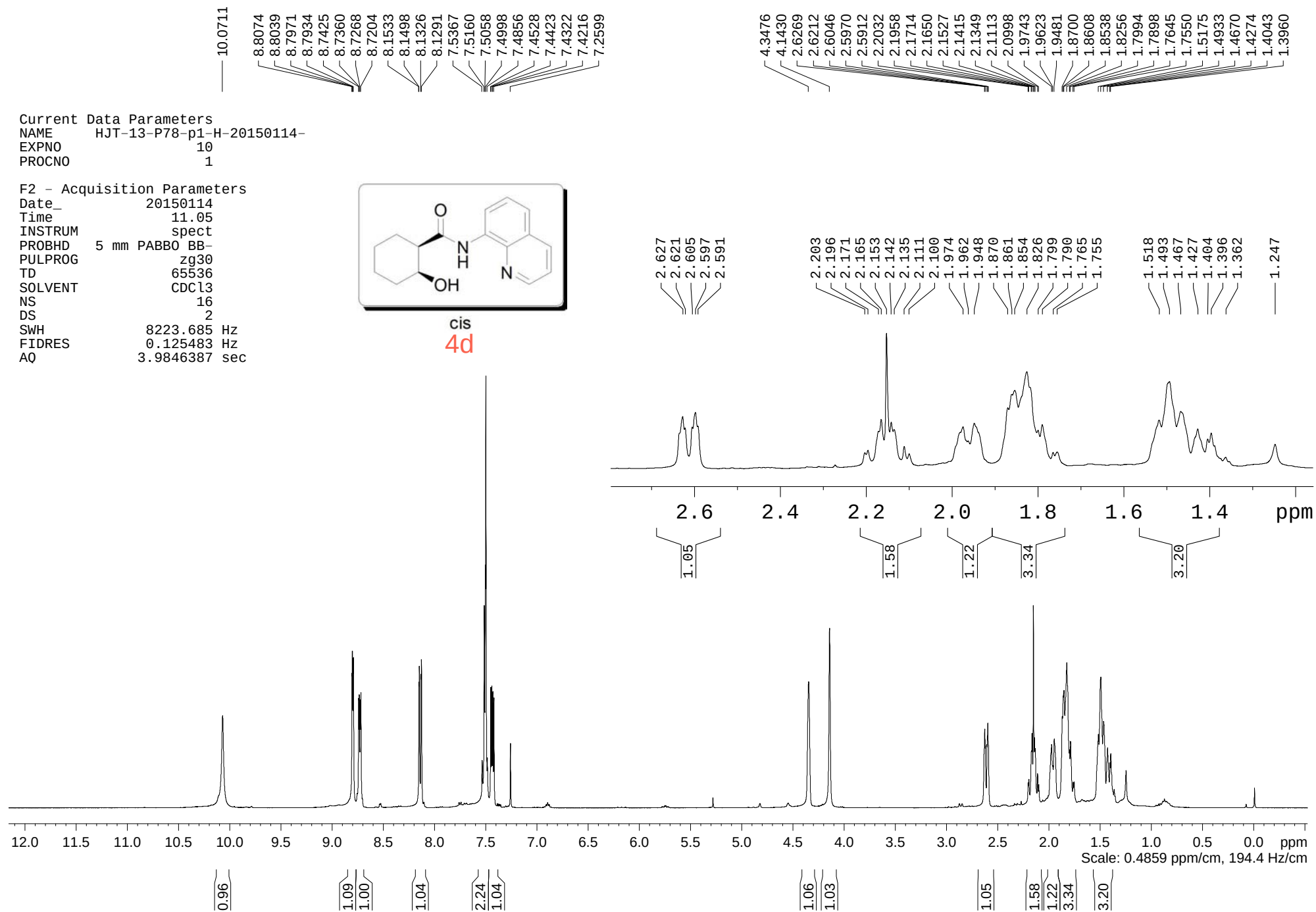


Current Data Parameters
 NAME HJT-13-P78-p1-H-20150114-
 EXPNO 10
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20150114
 Time 11.05
 INSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG zg30
 TD 65536
 SOLVENT CDCl3
 NS 16
 DS 2
 SWH 8223.685 Hz
 FIDRES 0.125483 Hz
 AQ 3.9846387 sec

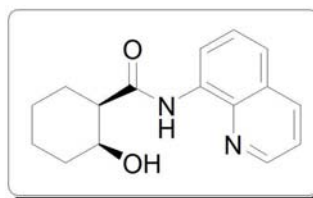


cis
4d

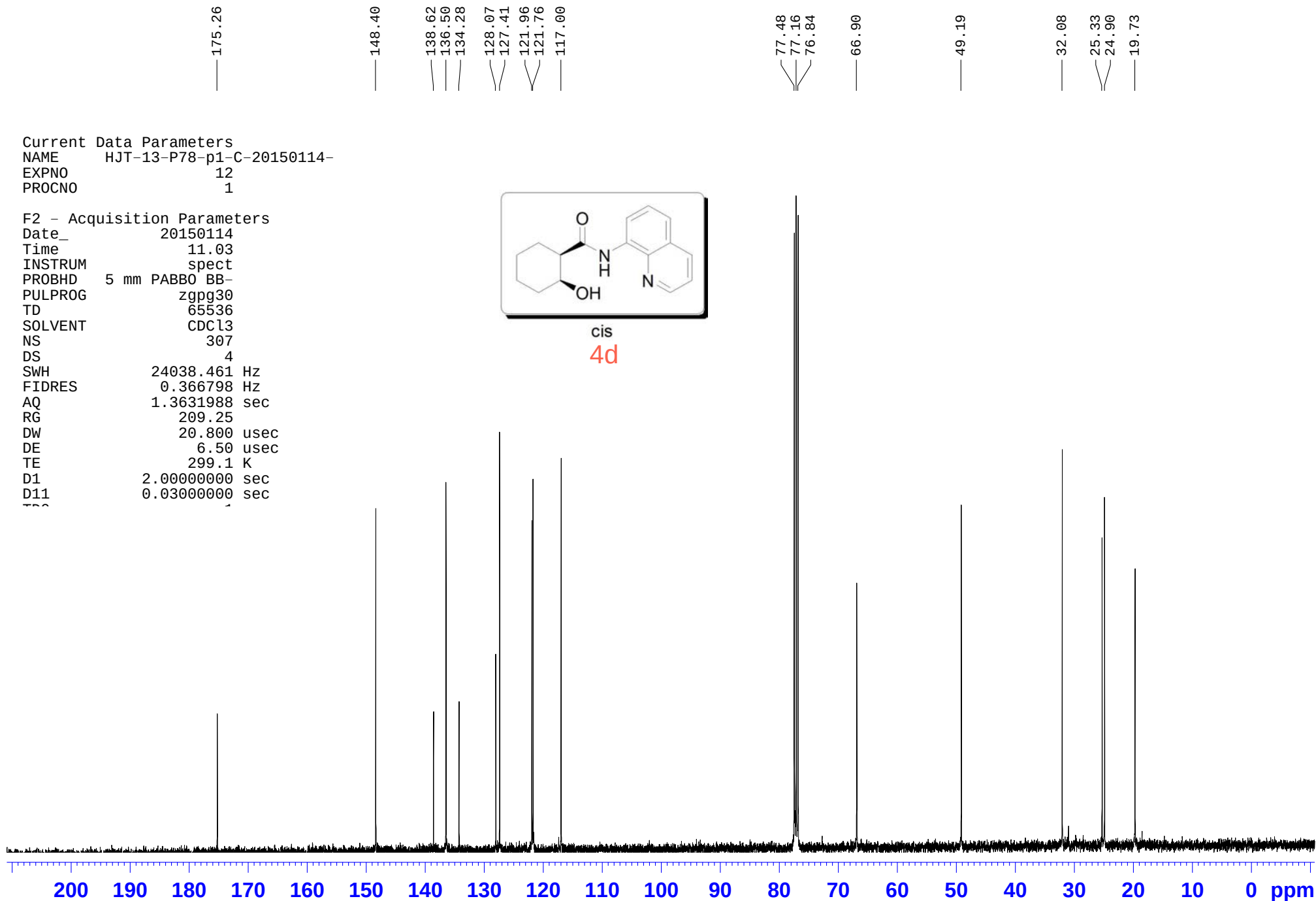


Current Data Parameters
 NAME HJT-13-P78-p1-C-20150114-
 EXPNO 12
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20150114
 Time 11.03
 INSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 307
 DS 4
 SWH 24038.461 Hz
 FIDRES 0.366798 Hz
 AQ 1.3631988 sec
 RG 209.25
 DW 20.800 usec
 DE 6.50 usec
 TE 299.1 K
 D1 2.00000000 sec
 D11 0.03000000 sec



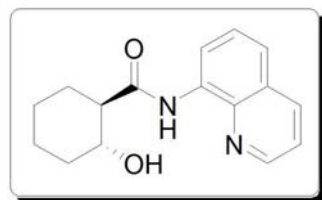
cis
4d



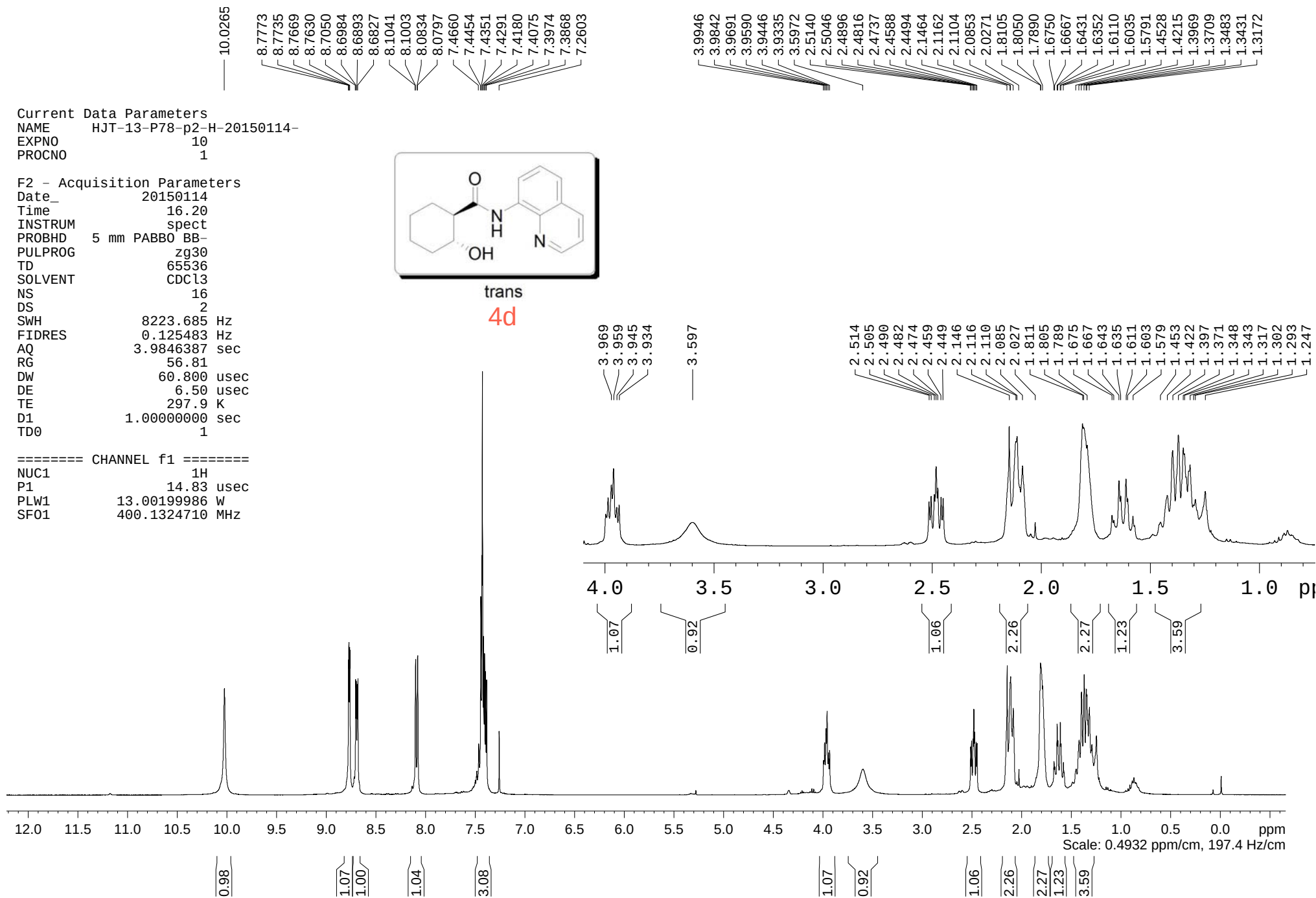
Current Data Parameters
 NAME HJT-13-P78-p2-H-20150114-
 EXPNO 10
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20150114
 Time 16.20
 INSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG zg30
 TD 65536
 SOLVENT CDCl3
 NS 16
 DS 2
 SWH 8223.685 Hz
 FIDRES 0.125483 Hz
 AQ 3.9846387 sec
 RG 56.81
 DW 60.800 usec
 DE 6.50 usec
 TE 297.9 K
 D1 1.00000000 sec
 TD0 1

===== CHANNEL f1 =====
 NUC1 1H
 P1 14.83 usec
 PLW1 13.00199986 W
 SF01 400.1324710 MHz



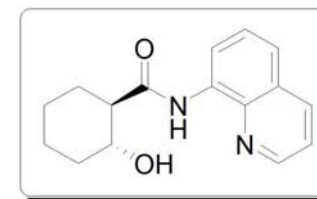
trans
4d



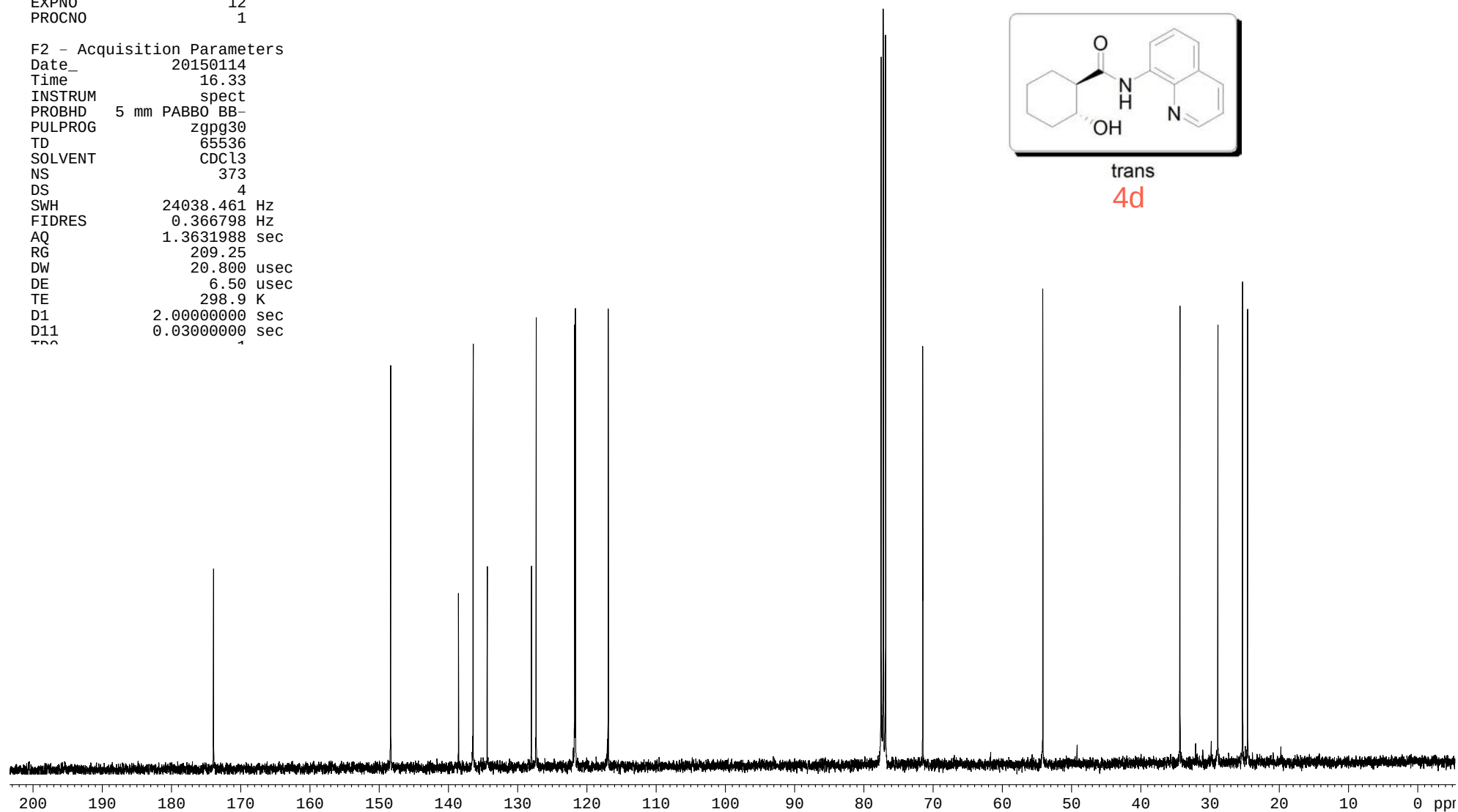
173.87
 148.34
 138.54
 136.43
 134.38
 128.00
 127.32
 121.76
 121.63
 116.91
 77.48
 77.16
 76.84
 71.46
 54.11
 34.30
 28.84
 25.26
 24.54

Current Data Parameters
 NAME HJT-13-P78-p2-C-20150114-
 EXPNO 12
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20150114
 Time 16.33
 INSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 373
 DS 4
 SWH 24038.461 Hz
 FIDRES 0.366798 Hz
 AQ 1.3631988 sec
 RG 209.25
 DW 20.800 usec
 DE 6.50 usec
 TE 298.9 K
 D1 2.00000000 sec
 D11 0.03000000 sec
 TPC 1

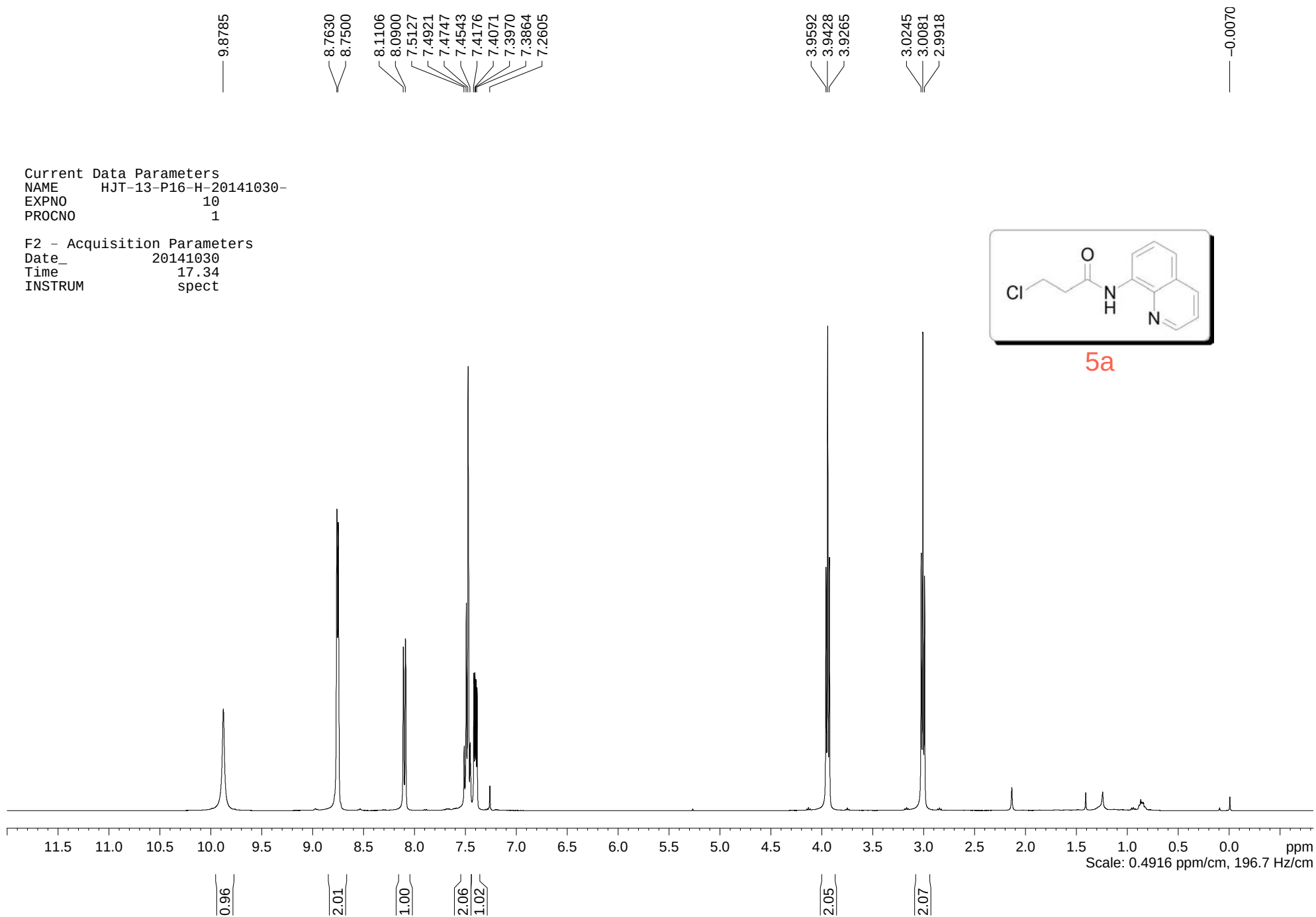


trans
 4d



Current Data Parameters
NAME HJT-13-P16-H-20141030-
EXPNO 10
PROCNO 1

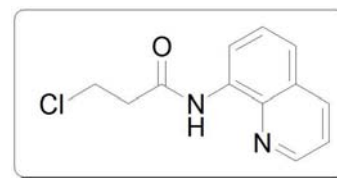
F2 - Acquisition Parameters
Date_ 20141030
Time 17.34
INSTRUM spect



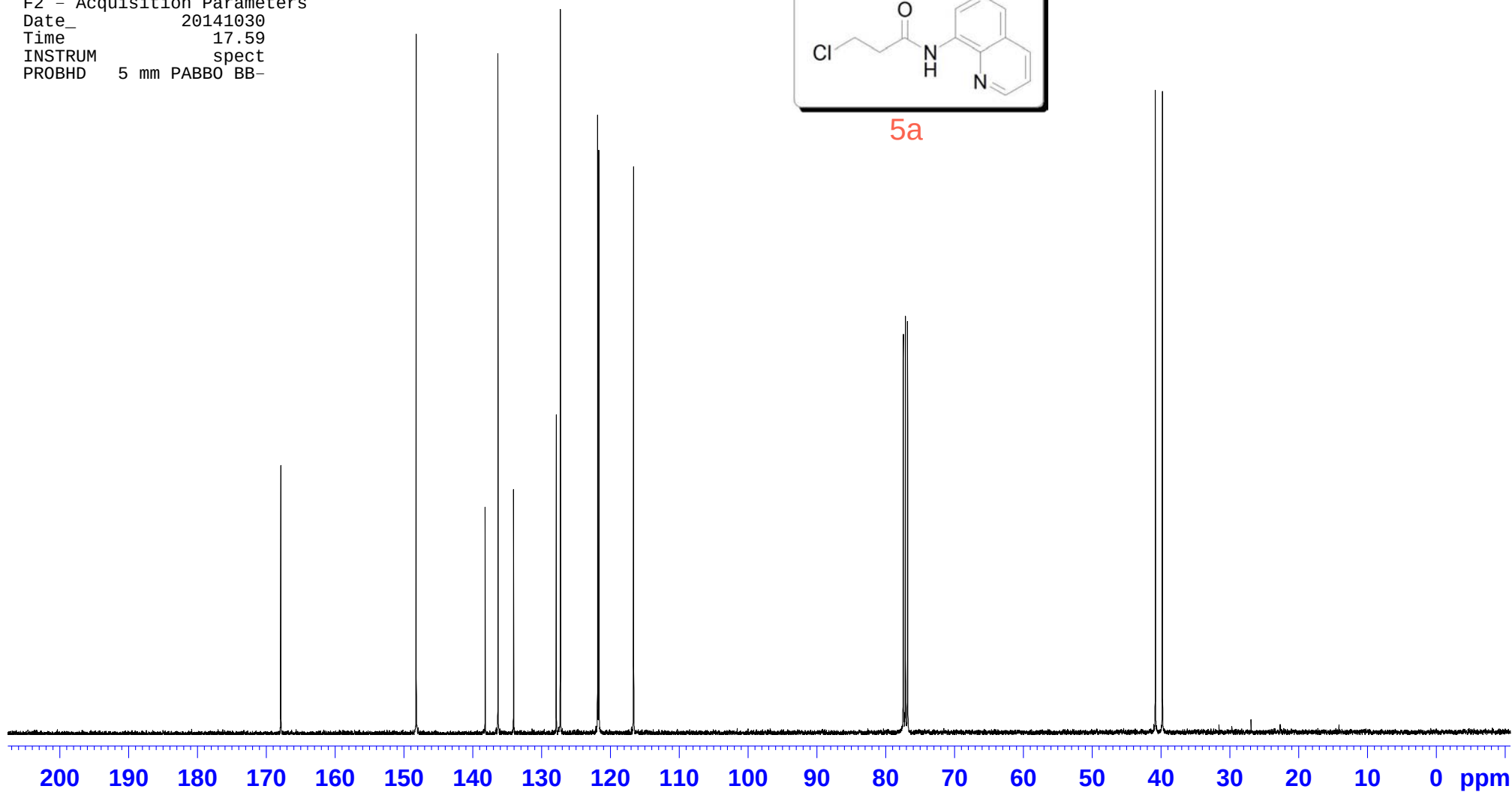
167.93
148.25
138.23
136.36
134.10
127.89
127.30
121.88
121.70
116.66
77.48
77.16
76.84
40.84
39.82

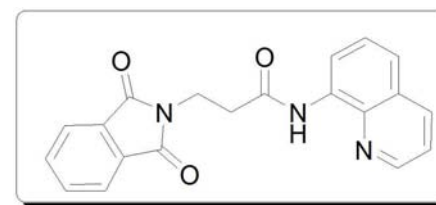
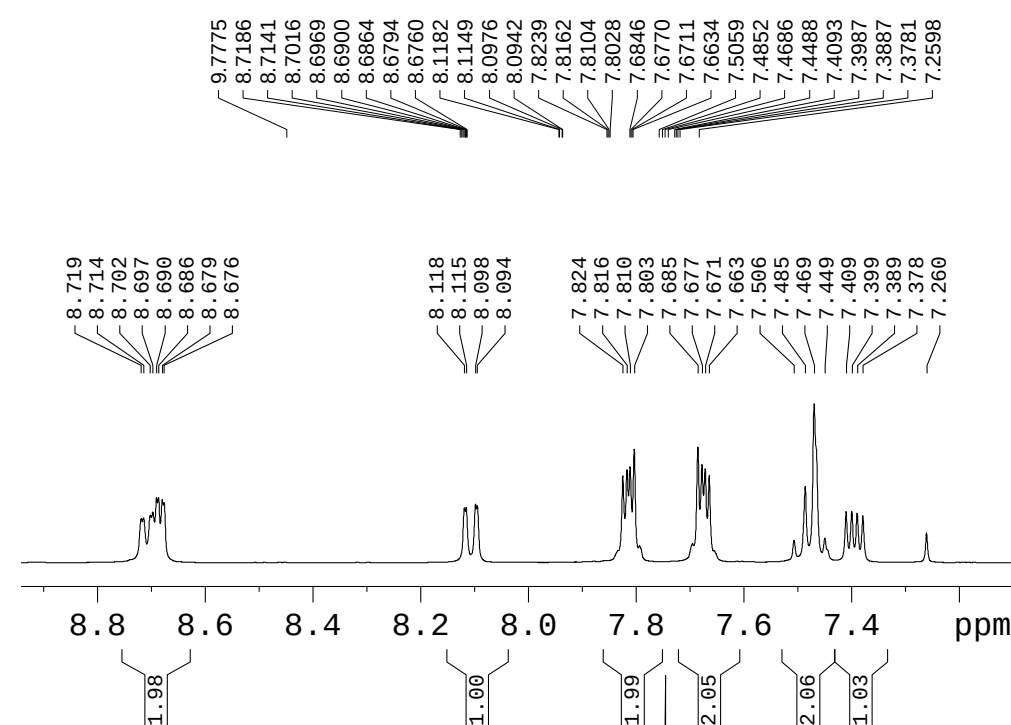
Current Data Parameters
NAME HJT-13-P16-C-20141030-
EXPNO 12
PROCNO 1

F2 - Acquisition Parameters
Date_ 20141030
Time 17.59
INSTRUM spect
PROBHD 5 mm PABBO BB-

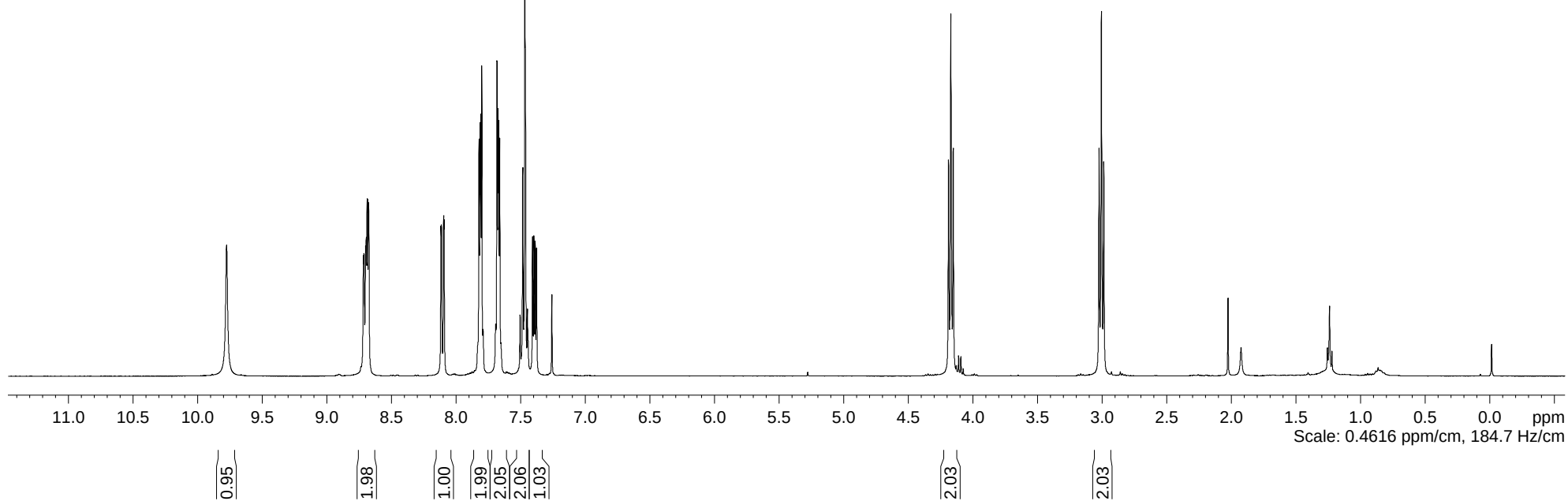


5a





5b



Current Data Parameters
NAME HJT-13-P28-H-20141129
EXPNO 20
PROCNO 1

F2 - Acquisition Parameters
Date_ 20141129
Time 10.44
INSTRUM spect

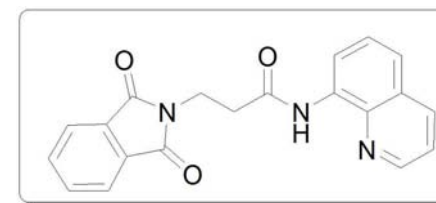
168.38
168.18
148.18
138.28
136.38
134.26
134.03
132.19
127.93
127.43
123.37
121.70
121.66
116.70

77.48
77.16
76.84

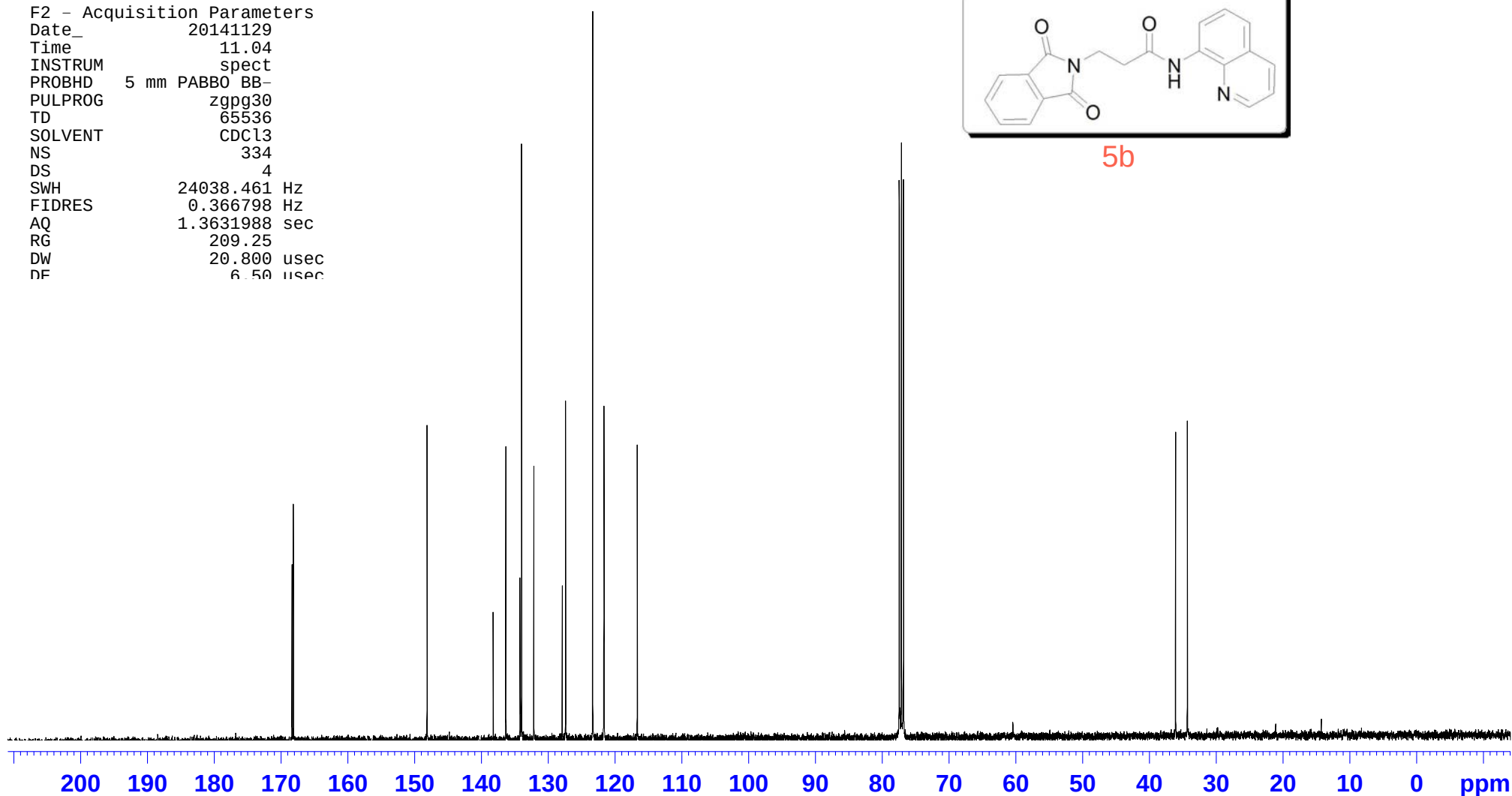
36.11
34.35

Current Data Parameters
NAME HJT-13-P28-C-20141129
EXPNO 22
PROCNO 1

F2 - Acquisition Parameters
Date_ 20141129
Time 11.04
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 334
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.3631988 sec
RG 209.25
DW 20.800 usec
DF 6.50 usec



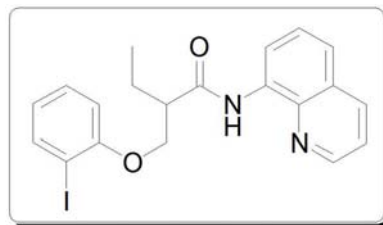
5b



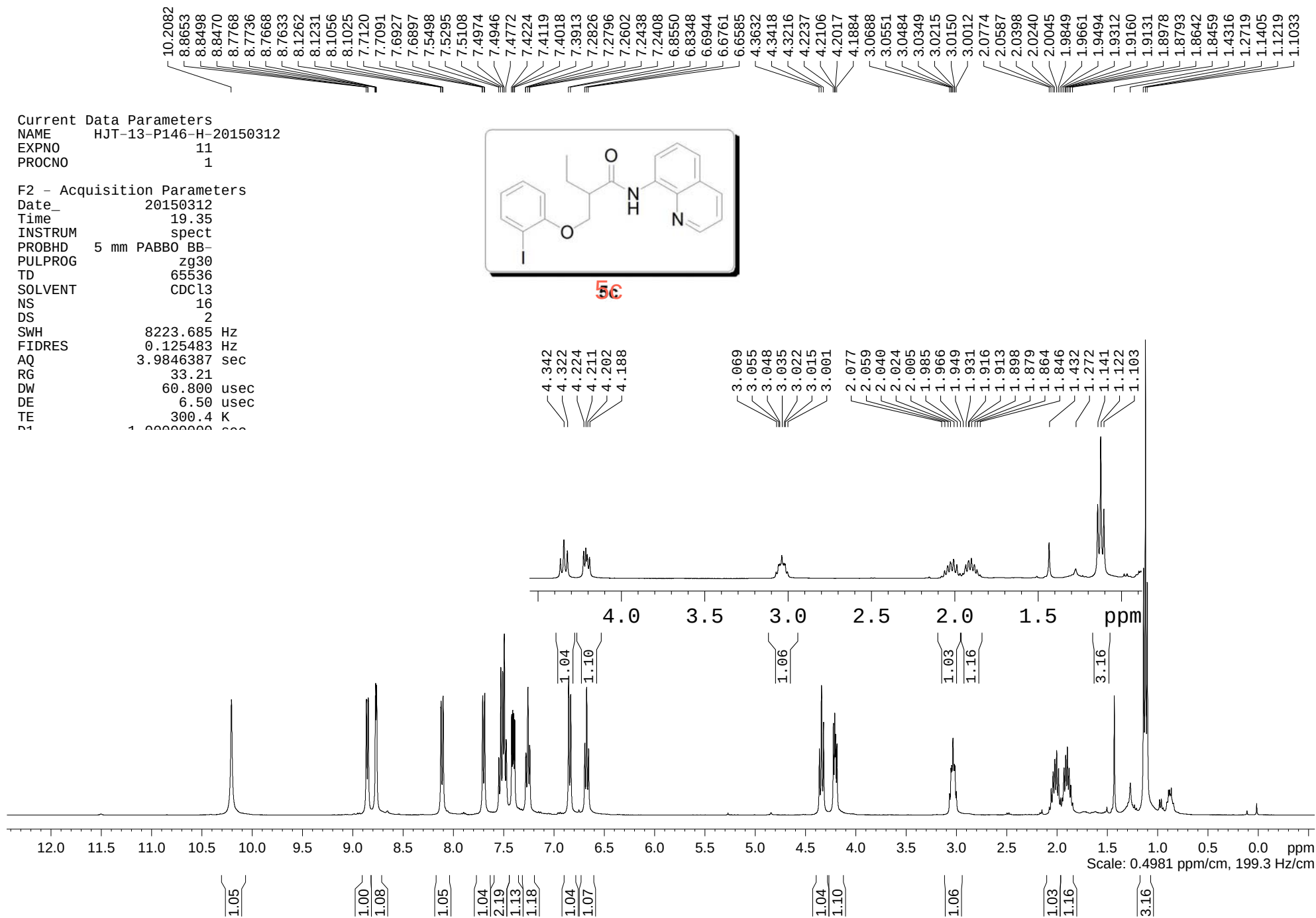
Current Data Parameters
 NAME HJT-13-P146-H-20150312
 EXPNO 11
 PROCNO 1

F2 - Acquisition Parameters

Date_ 20150312
 Time 19.35
 INSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG zg30
 TD 65536
 SOLVENT CDCl3
 NS 16
 DS 2
 SWH 8223.685 Hz
 FIDRES 0.125483 Hz
 AQ 3.9846387 sec
 RG 33.21
 DW 60.800 usec
 DE 6.50 usec
 TE 300.4 K
 PC 1 000000000 000



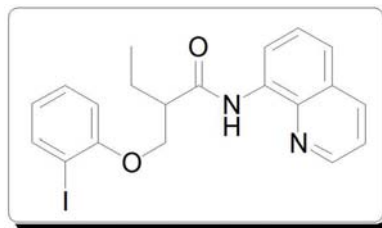
5c



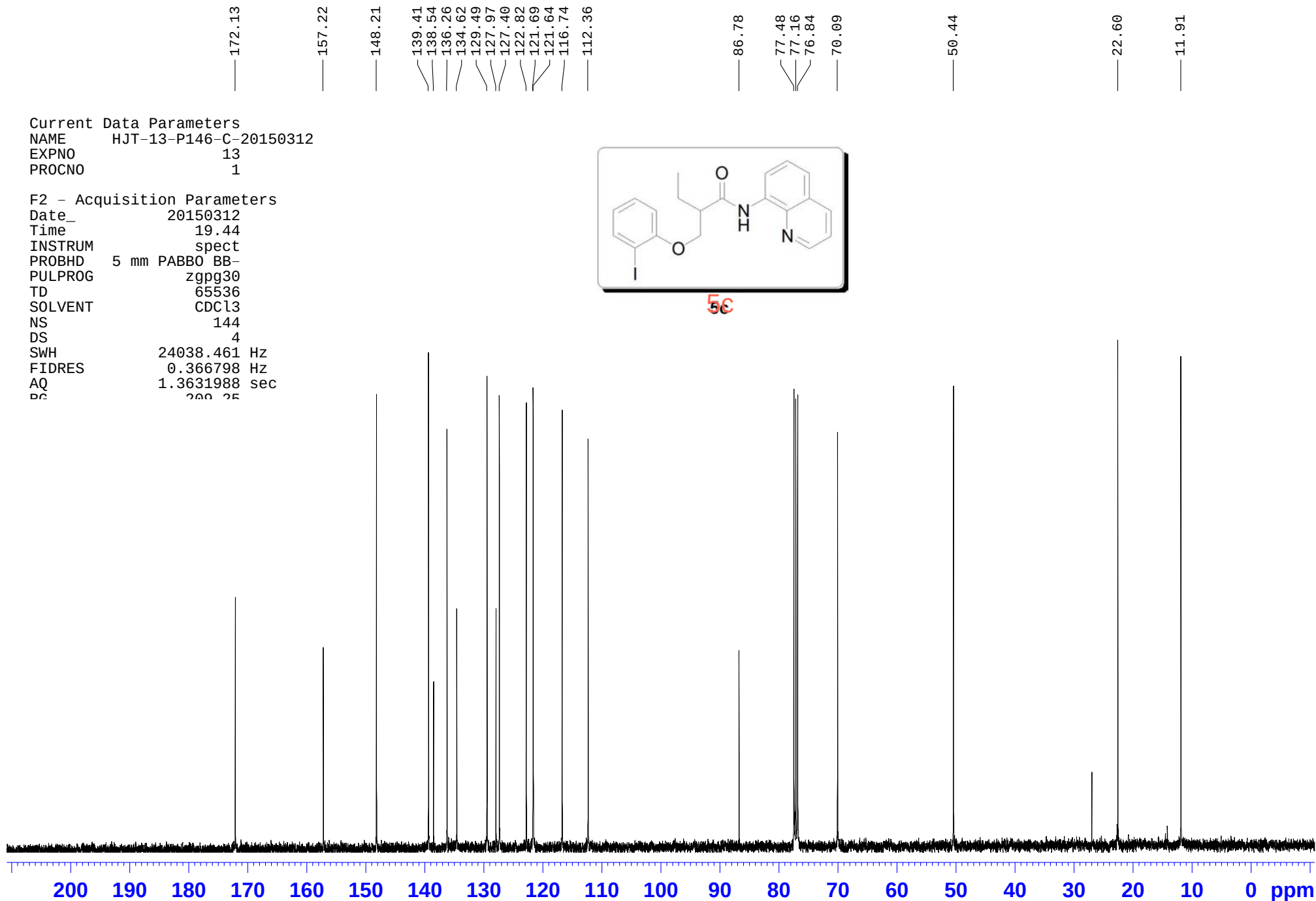
Current Data Parameters
NAME HJT-13-P146-C-20150312
EXPNO 13
PROCNO 1

F2 - Acquisition Parameters

Date_ 20150312
Time 19.44
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 144
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.3631988 sec
PC 200 25

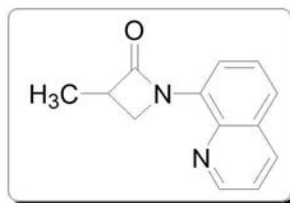


5c

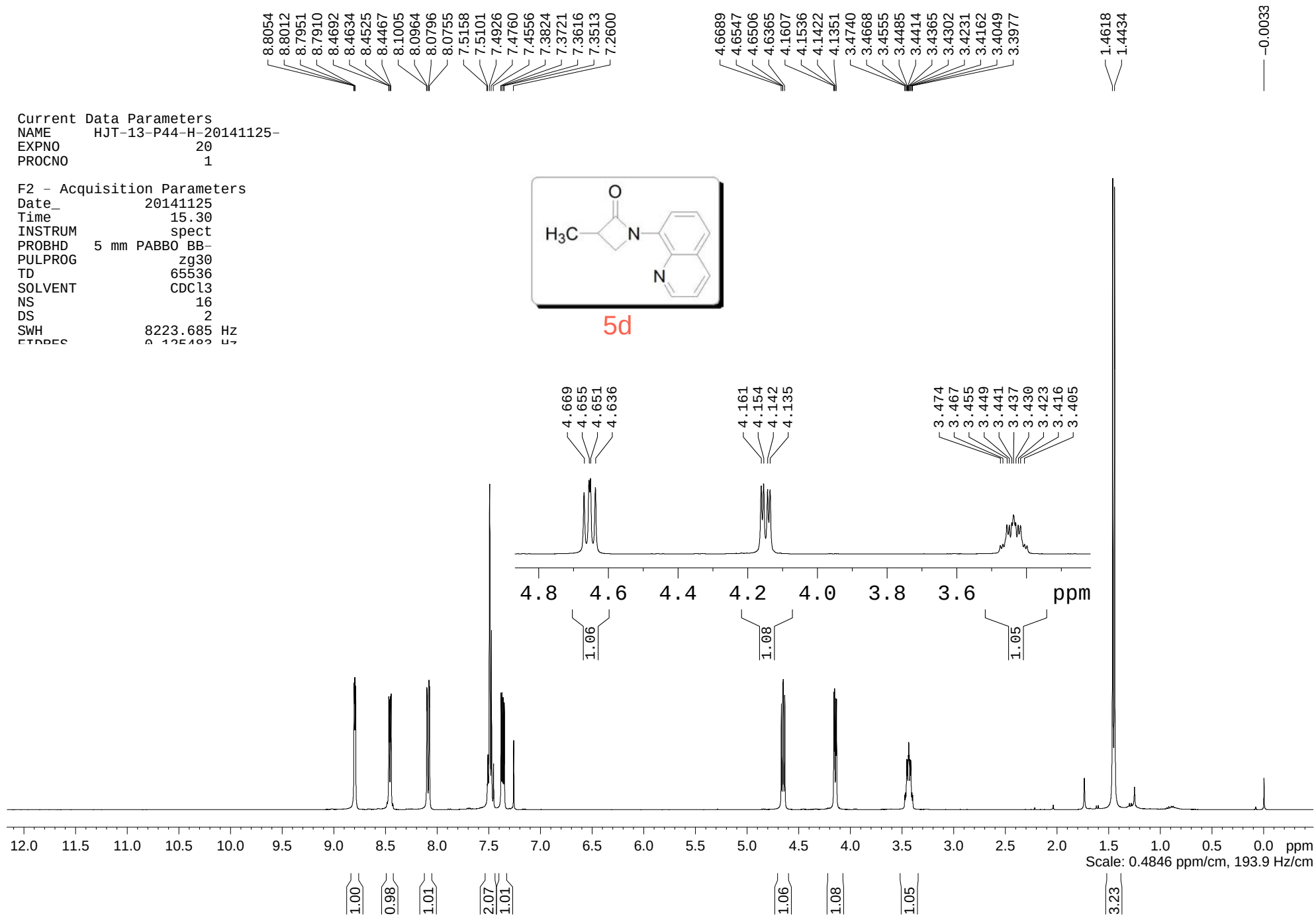


Current Data Parameters
 NAME HJT-13-P44-H-20141125-
 EXPNO 20
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20141125
 Time 15.30
 INSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG zg30
 TD 65536
 SOLVENT CDCl3
 NS 16
 DS 2
 SWH 8223.685 Hz
 FIDRES 0.125403 Hz

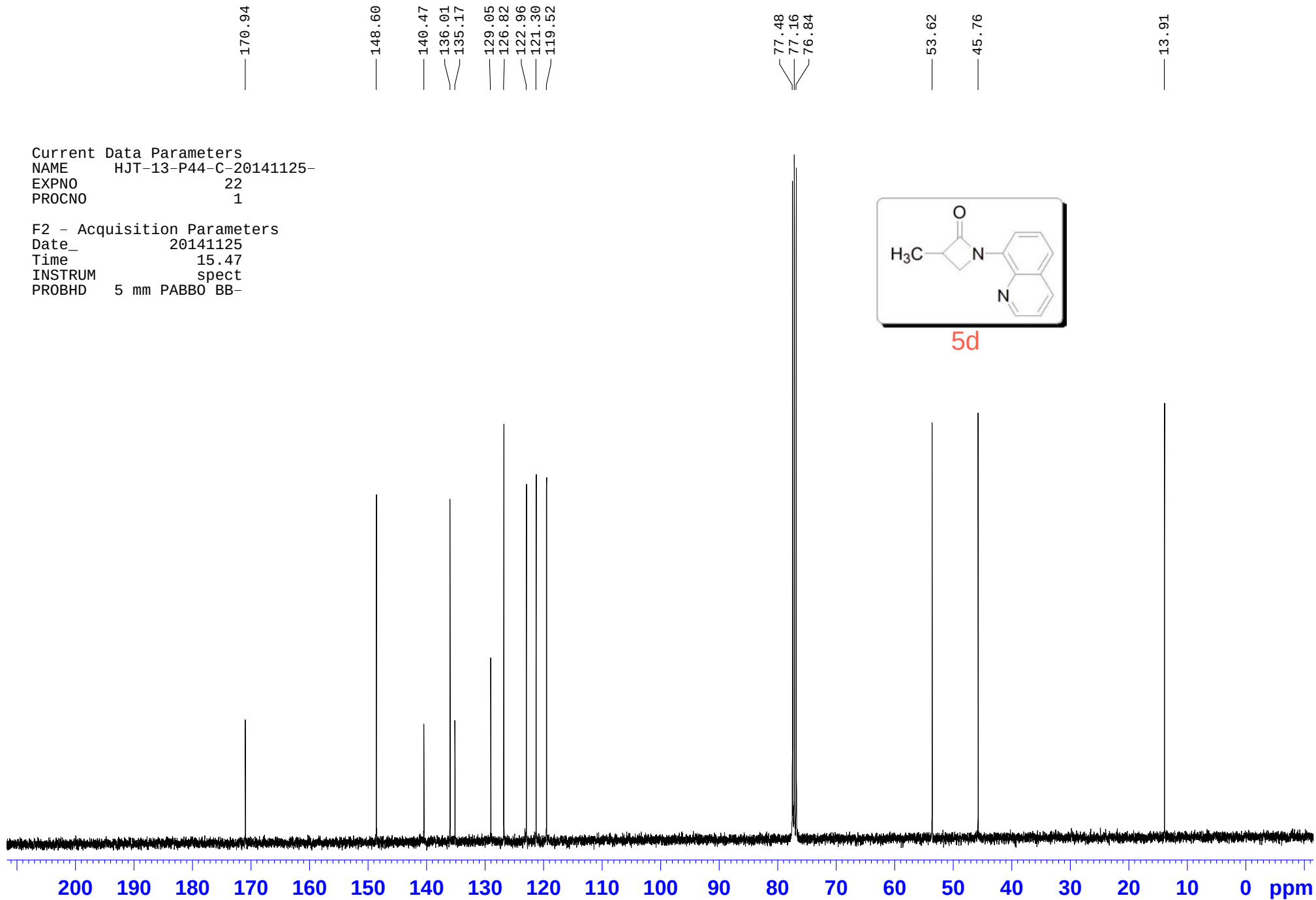


5d



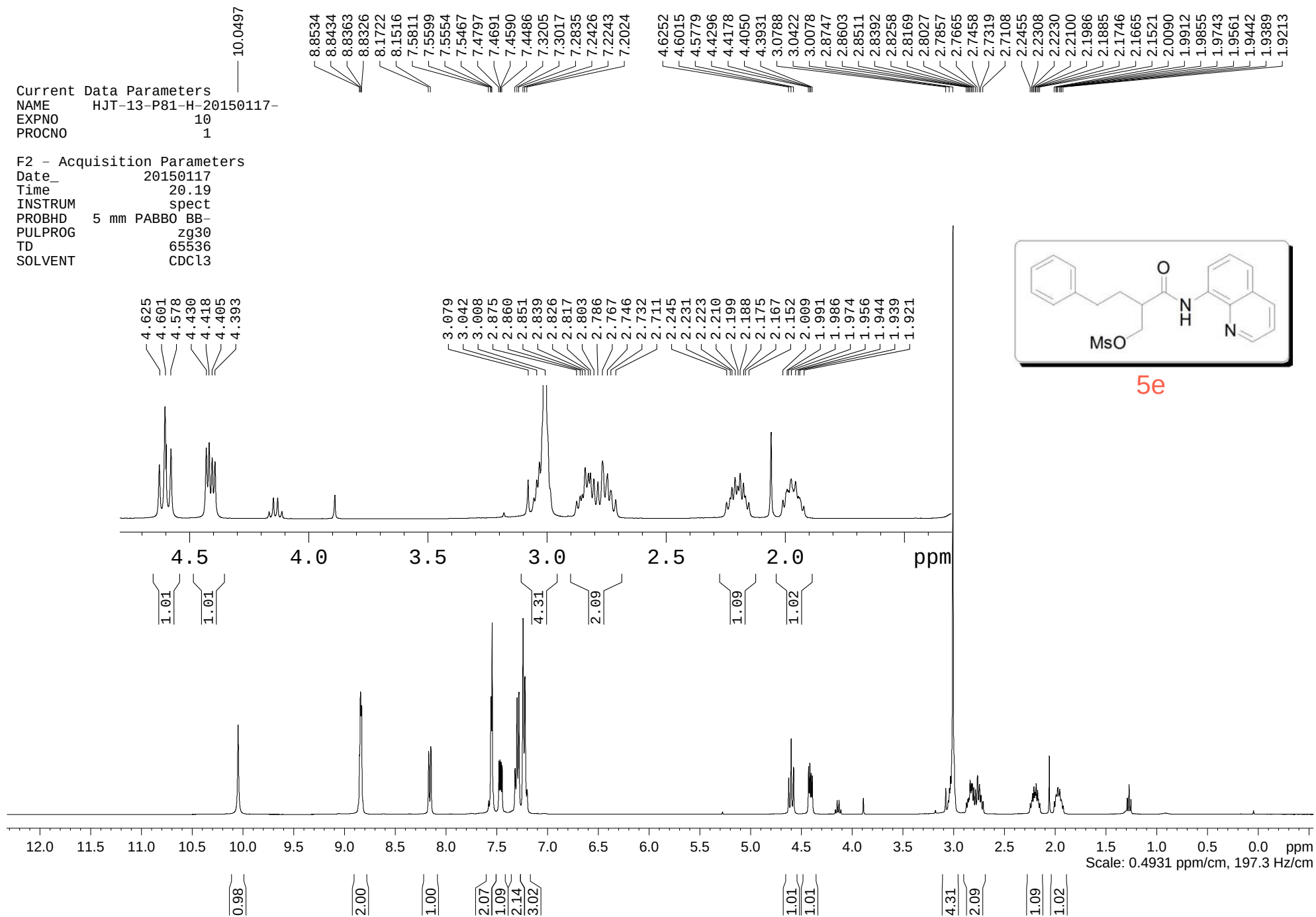
Current Data Parameters
NAME HJT-13-P44-C-20141125-
EXPNO 22
PROCNO 1

F2 - Acquisition Parameters
Date_ 20141125
Time 15.47
INSTRUM spect
PROBHD 5 mm PABBO BB-



Current Data Parameters
 NAME HJT-13-P81-H-20150117-
 EXPNO 10
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20150117
 Time 20.19
 INSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG zg30
 TD 65536
 SOLVENT CDCl3

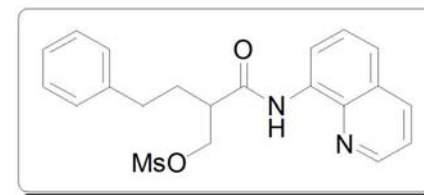


— 170.33
 — 148.33
 — 140.45
 — 138.24
 — 136.28
 — 133.90
 — 128.52
 — 128.38
 — 127.84
 — 127.13
 — 126.22
 — 122.07
 — 121.76
 — 116.62

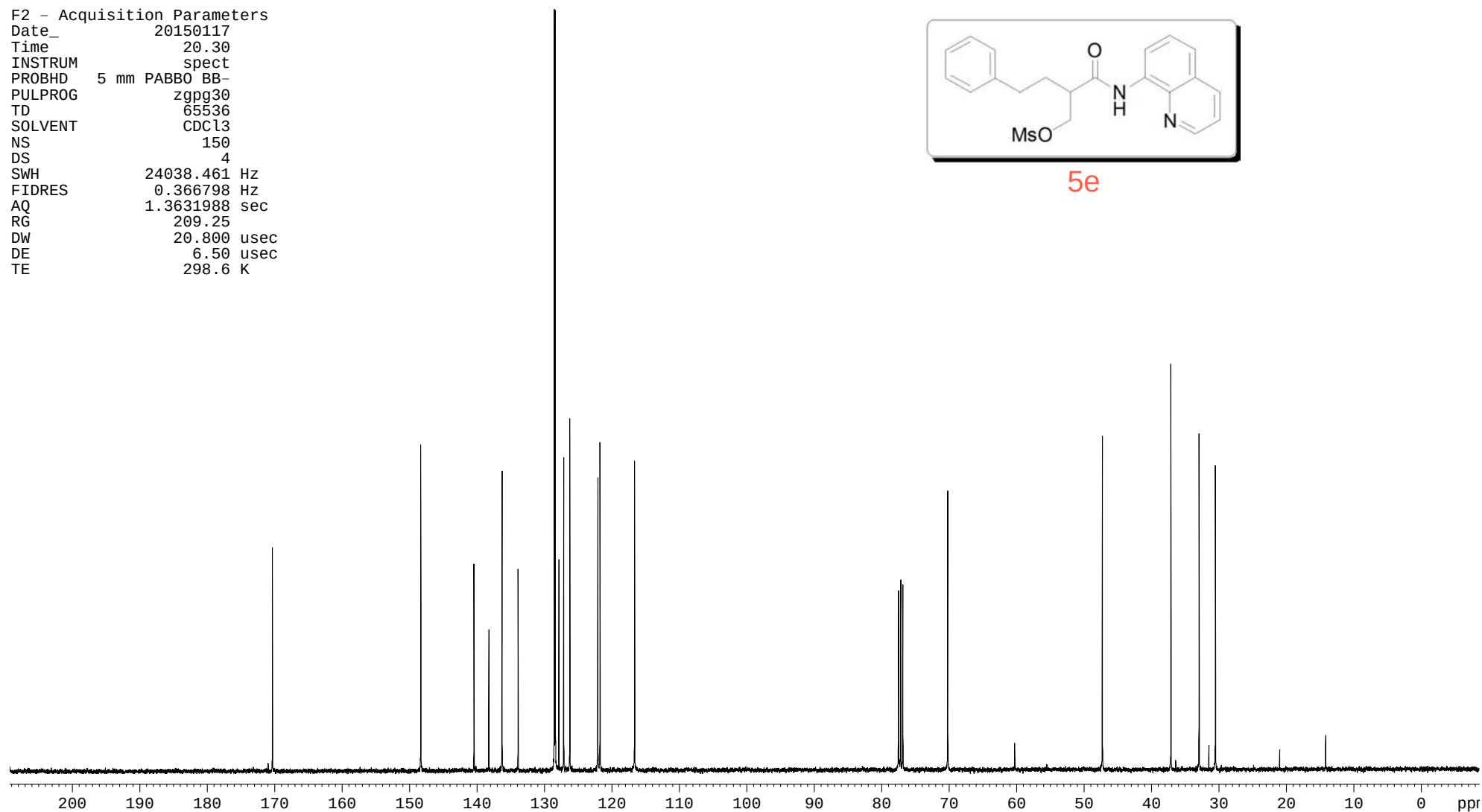
77.48
 77.16
 76.84
 — 70.18
 — 47.25
 — 37.08
 — 32.91
 — 30.49

Current Data Parameters
 NAME HJT-13-P81-C-20150117-
 EXPNO 12
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20150117
 Time 20.30
 INSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 150
 DS 4
 SWH 24038.461 Hz
 FIDRES 0.366798 Hz
 AQ 1.3631988 sec
 RG 209.25
 DW 20.800 usec
 DE 6.50 usec
 TE 298.6 K



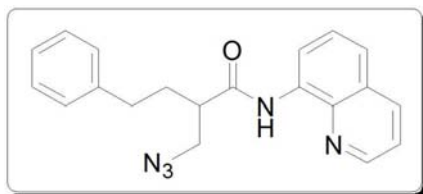
5e



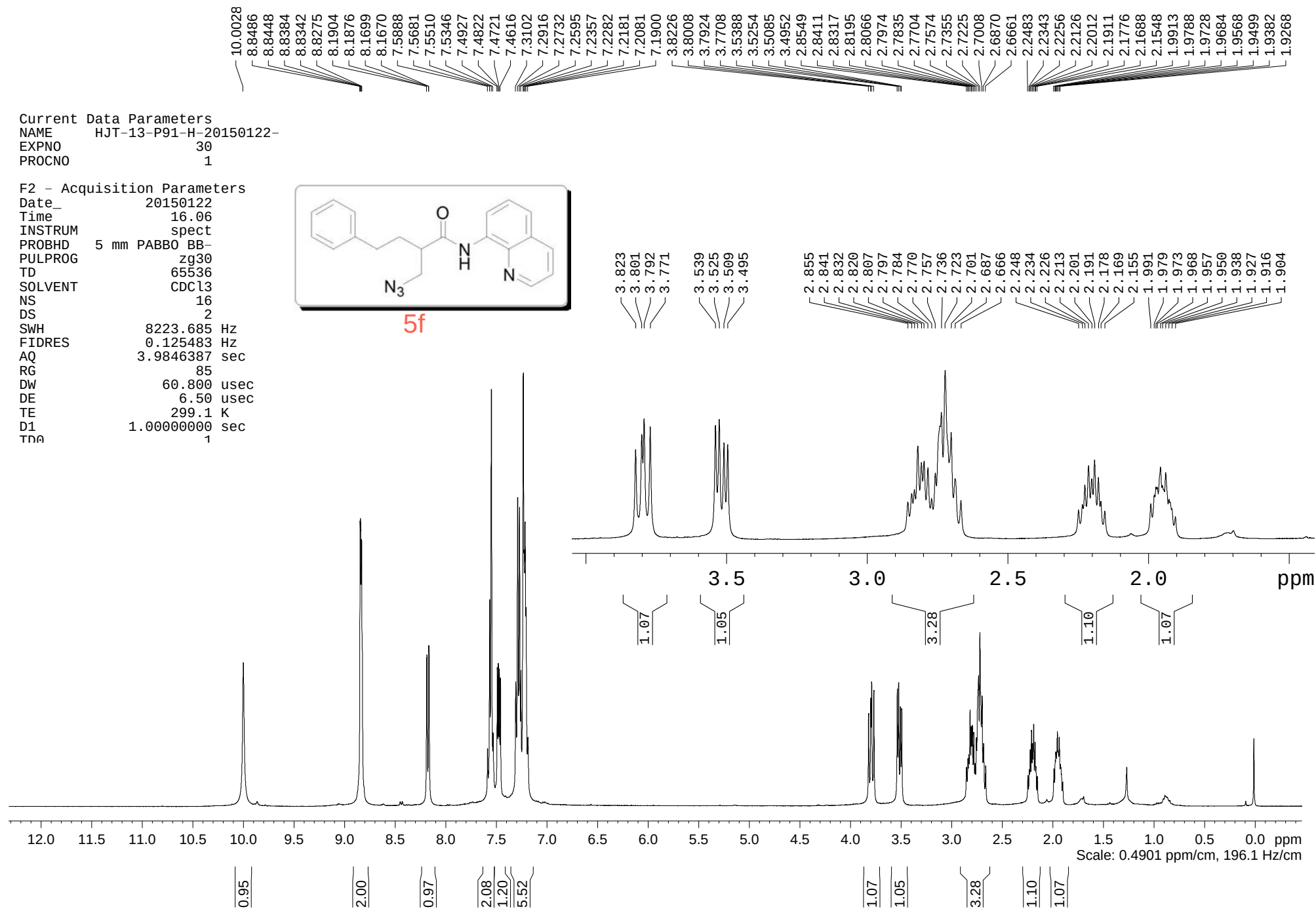
Current Data Parameters
 NAME HJT-13-P91-H-20150122-
 EXPNO 30
 PROCNO 1

F2 - Acquisition Parameters

Date_ 20150122
 Time 16.06
 INSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG zg30
 TD 65536
 SOLVENT CDCl3
 NS 16
 DS 2
 SWH 8223.685 Hz
 FIDRES 0.125483 Hz
 AQ 3.9846387 sec
 RG 85
 DW 60.800 usec
 DE 6.50 usec
 TE 299.1 K
 D1 1.00000000 sec
 TDA 1



5f



171.53
148.43
140.99
138.57
136.47
134.25
128.68
128.60
128.07
127.49
126.32
122.04
121.83
116.94

77.48
77.16
76.85

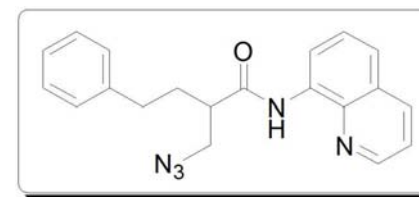
53.52
48.04

33.33
32.08

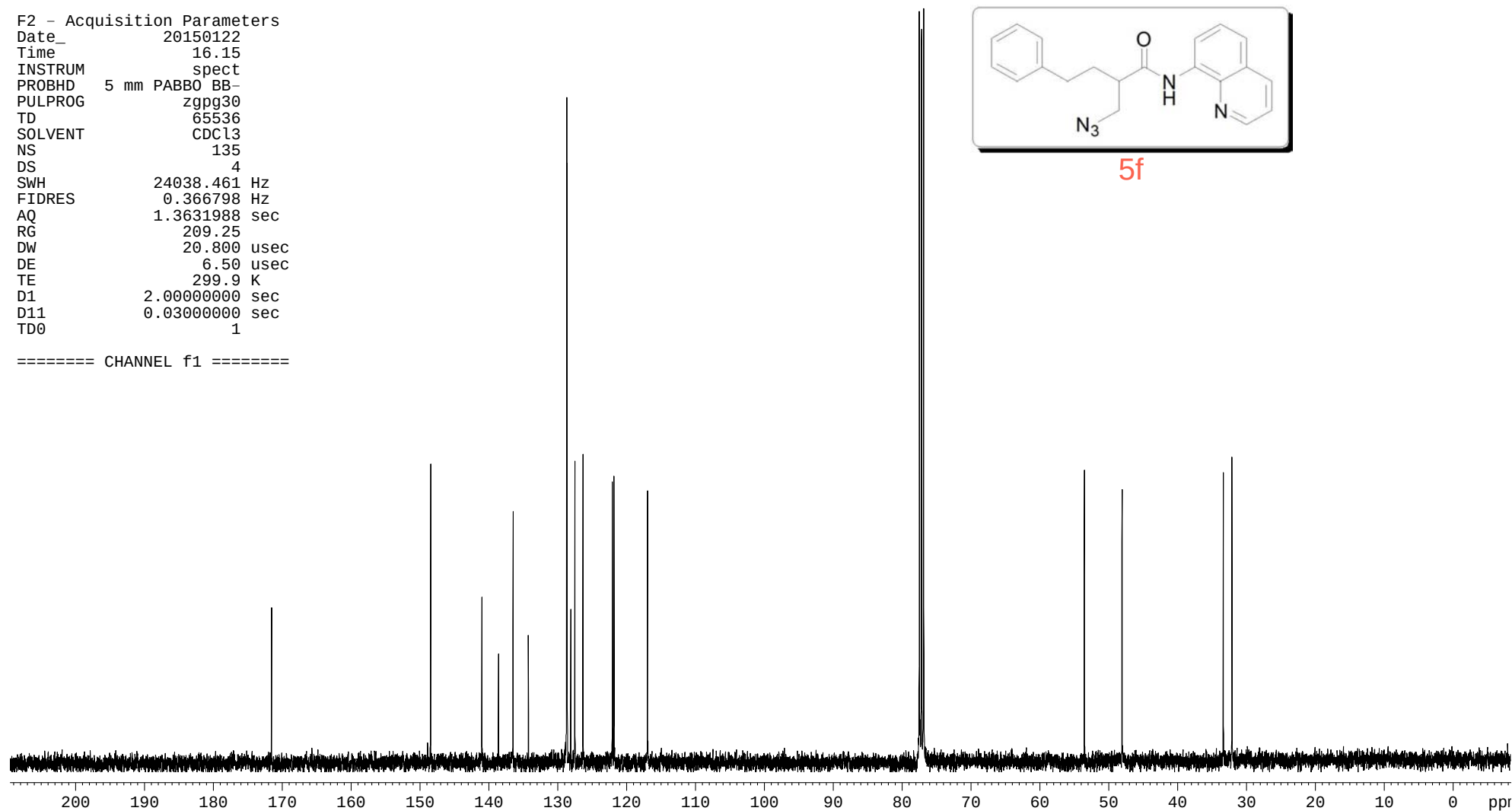
Current Data Parameters
NAME HJT-13-P91-C-20150122-
EXPNO 32
PROCNO 1

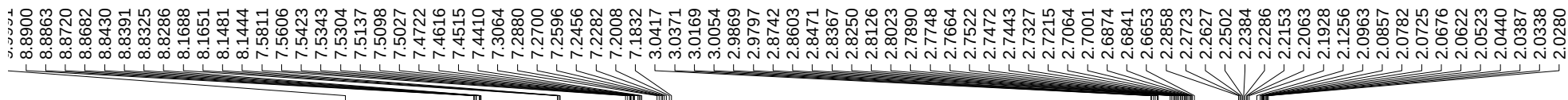
F2 - Acquisition Parameters
Date_ 20150122
Time 16.15
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 135
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.3631988 sec
RG 209.25
DW 20.800 usec
DE 6.50 usec
TE 299.9 K
D1 2.00000000 sec
D11 0.03000000 sec
TD0 1

===== CHANNEL f1 =====



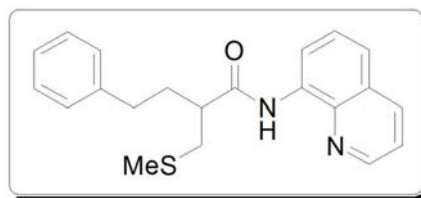
5f



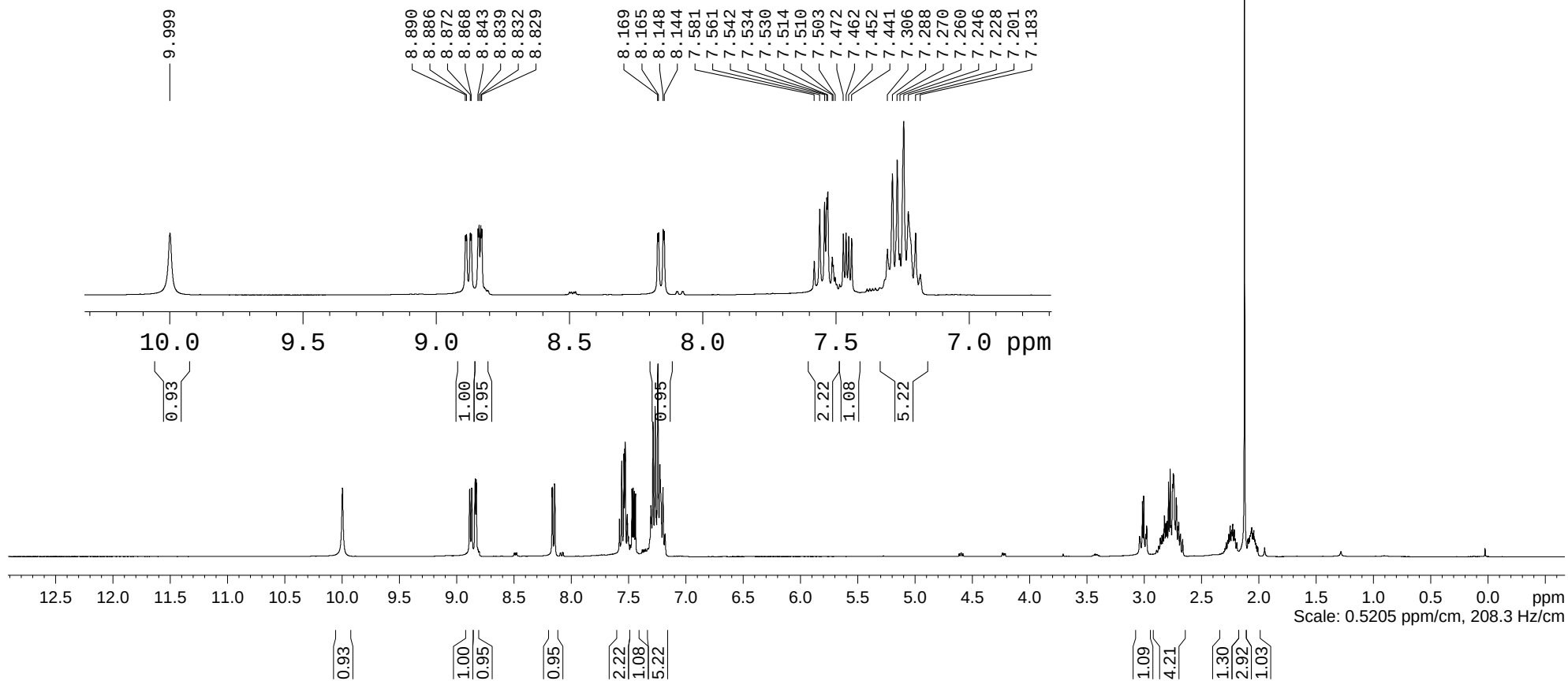


Current Data Parameters
 NAME HJT-13-P82-H-20150120-
 EXPNO 10
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20150120
 Time 11.01
 INSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG zg30
 TD 65536
 SOLVENT CDCl3
 NS 16
 DS 2
 2.00 2.00 2.00 2.00



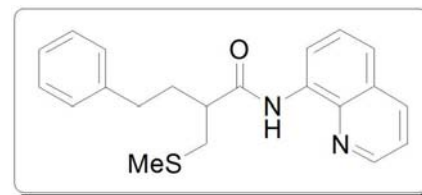
5g



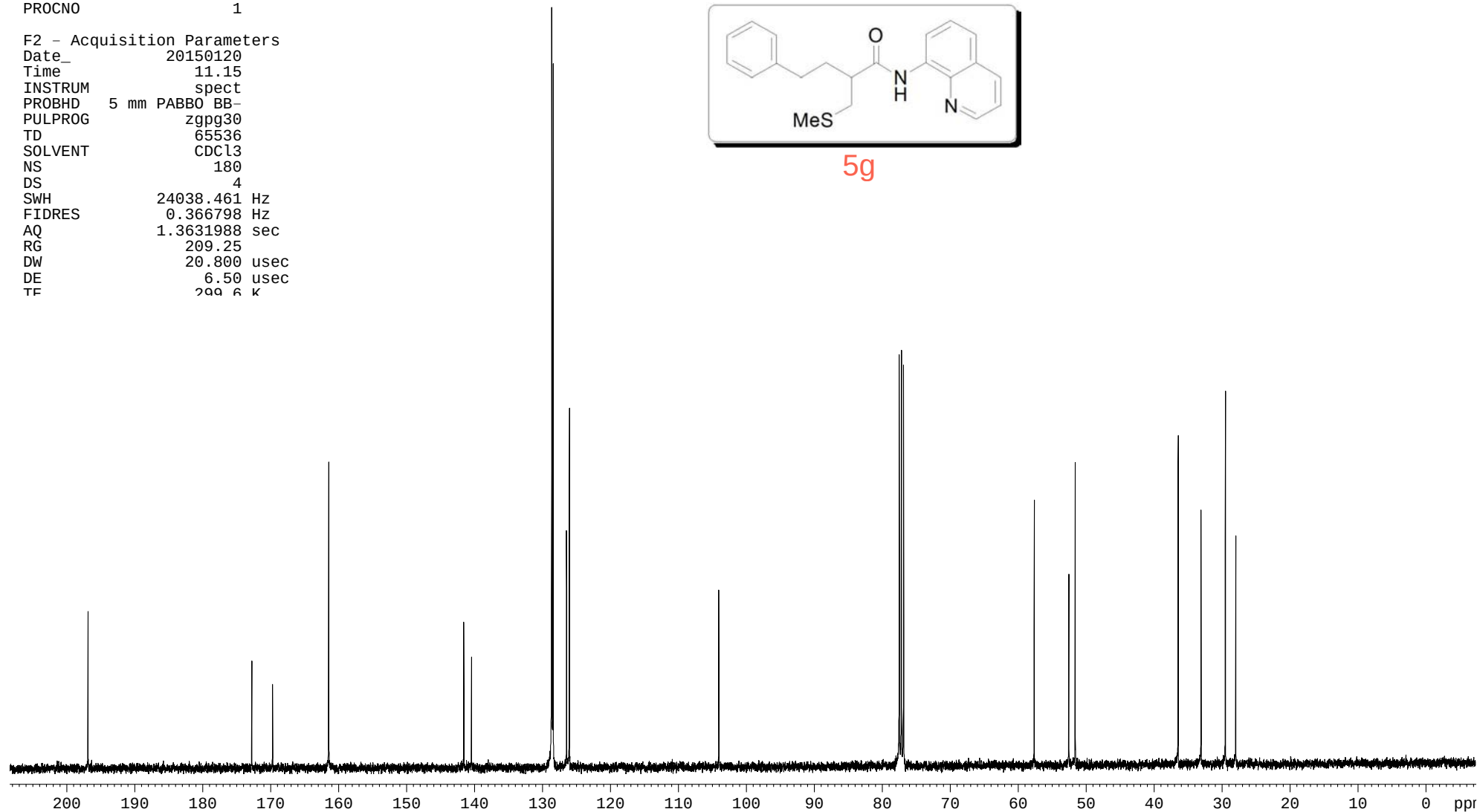
— 196.82
 — 172.76
 — 169.71
 — 161.45
 — 141.57
 — 140.43
 — 128.65
 — 128.63
 — 128.60
 — 128.42
 — 126.45
 — 126.04
 — 104.04
 — 77.48
 — 77.16
 — 76.84
 — 57.62
 — 52.51
 — 51.58
 — 36.43
 — 33.06
 — 29.48
 — 27.95

Current Data Parameters
 NAME HJT-13-P84-C-20150120-
 EXPNO 12
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20150120
 Time 11.15
 INSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 180
 DS 4
 SWH 24038.461 Hz
 FIDRES 0.366798 Hz
 AQ 1.3631988 sec
 RG 209.25
 DW 20.800 usec
 DE 6.50 usec
 TF 200.6 K



5g



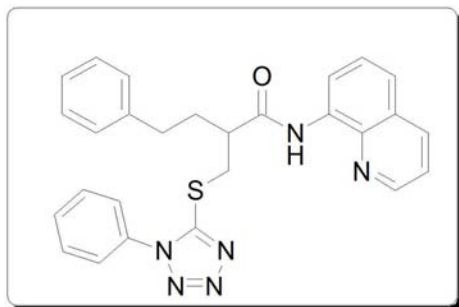
8.8131
8.8007
8.7859
8.7781
8.1567
8.1531
8.1361
8.1325
7.5577
7.5369
7.5307
7.5226
7.5102
7.4526
7.4420
7.4322
7.4221
7.4166
7.4044
7.3979
7.3909
7.3866
7.2904
7.2715
7.2596
7.2538
7.2427
7.2261
7.1978
7.1806
7.1635
3.7812
3.7680
3.7472
3.7342
3.7167
3.6946
3.6829
3.6607
3.3681
3.3552
3.3457
3.3334
3.3212
3.3116
2.8824
2.8714
2.8625
2.8480
2.8362
2.8185
2.8098
2.7938
2.7835
2.7752
2.7592
2.3269
2.3189
2.3058
2.2944
2.2843
2.2705
2.2622
2.2472
2.1615
2.1423
2.1293
2.1187
2.1071
2.0983
2.0847
1.4262
1.2694
0.9051
0.8887
0.8798
0.8769
0.8708
0.8606

Current Data Parameters

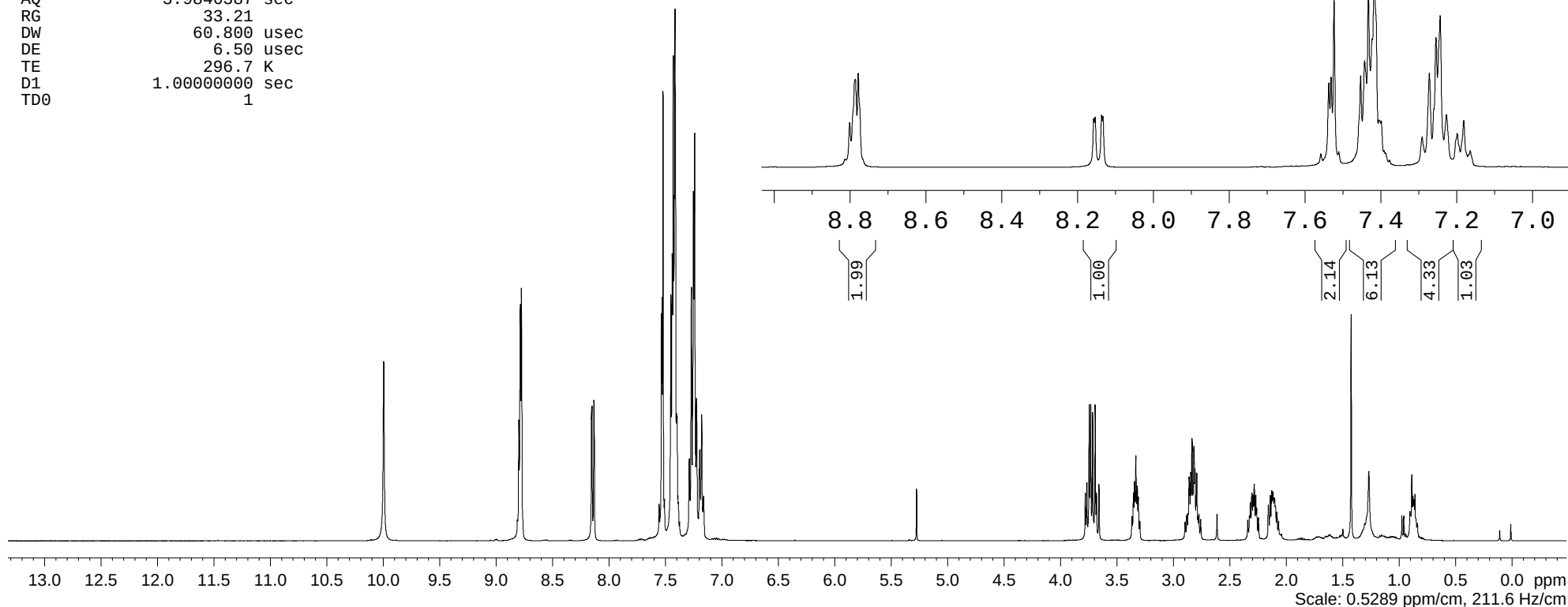
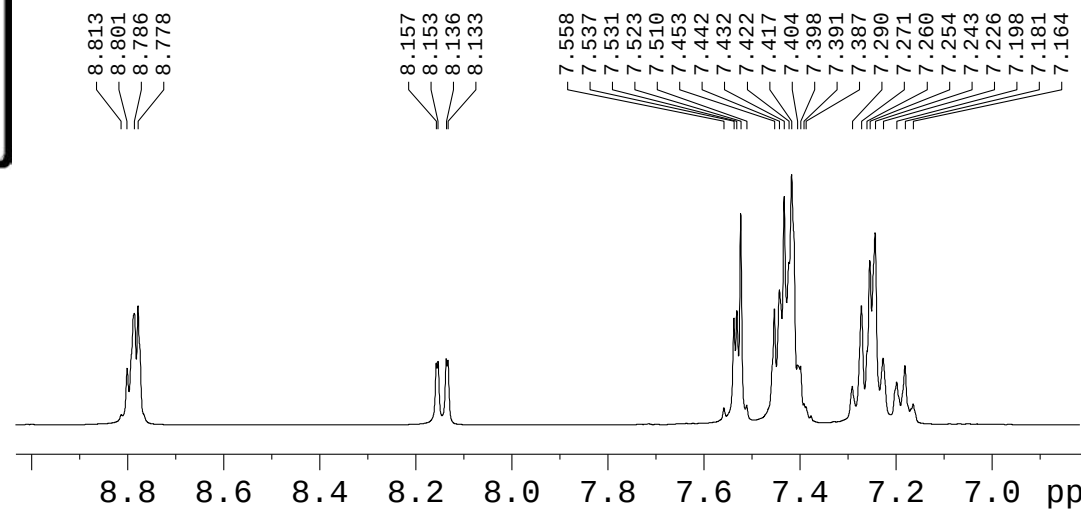
NAME HJT-13-P108-S-H-20150129-
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters

Date_ 20150129
Time 18.03
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 16
DS 2
SWH 8223.685 Hz
FIDRES 0.125483 Hz
AQ 3.9846387 sec
RG 33.21
DW 60.800 usec
DE 6.50 usec
TE 296.7 K
D1 1.00000000 sec
TD0 1



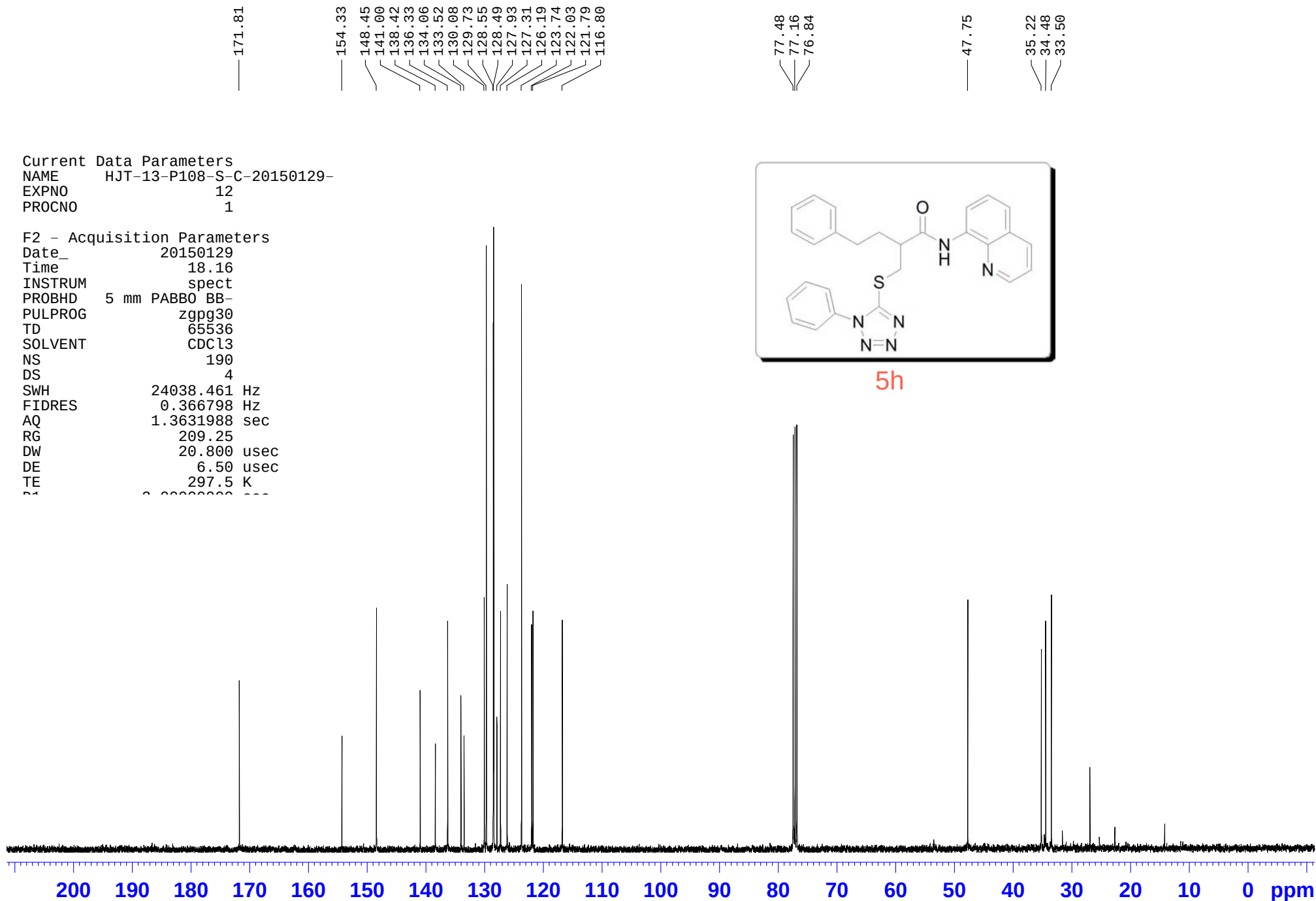
5h



Scale: 0.5289 ppm/cm, 211.6 Hz/cm

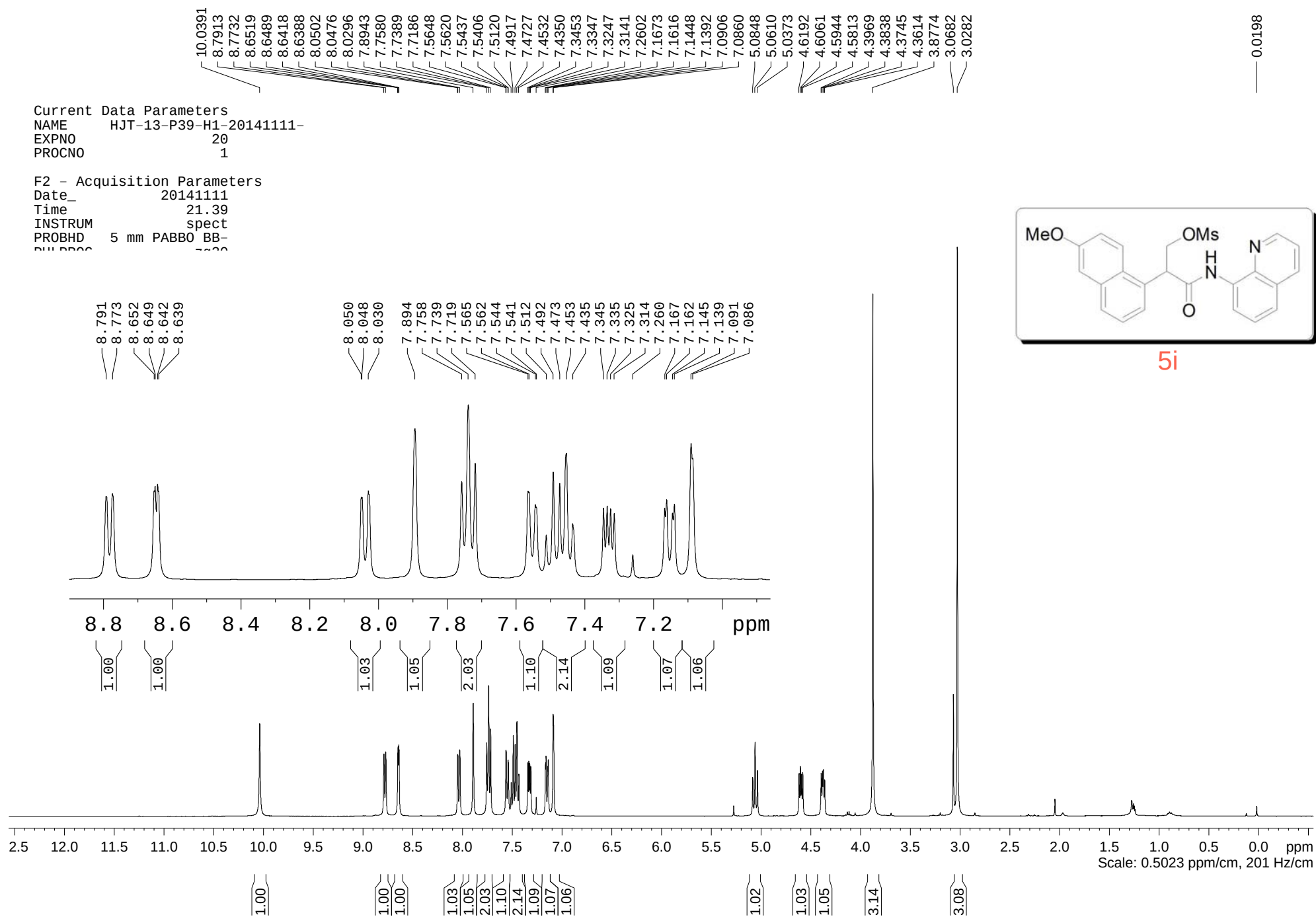
Current Data Parameters
 NAME HJT-13-P108-S-C-20150129-
 EXPNO 12
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20150129
 Time 18.16
 INSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 190
 DS 4
 SWH 24038.461 Hz
 FIDRES 0.366798 Hz
 AQ 1.3631988 sec
 RG 209.25
 DW 20.800 usec
 DE 6.50 usec
 TE 297.5 K
 F1 0.00000000 Hz



Current Data Parameters
 NAME HJT-13-P39-H1-20141111-
 EXPNO 20
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20141111
 Time 21.39
 INSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG zgpg30



— 168.54 — 158.13 — 148.33 — 138.23 — 136.23 — 134.37 — 134.09 — 129.51 — 129.45 — 129.00 — 128.01 — 127.84 — 127.38 — 127.14 — 126.11 — 122.07 — 121.70 — 119.52 — 116.50 — 105.64

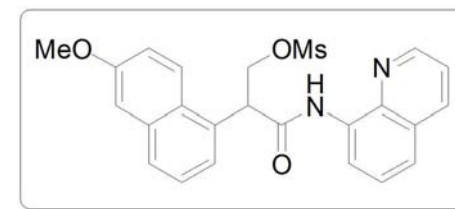
— 77.47 — 77.16 — 76.84 — 70.53

— 55.33 — 53.36

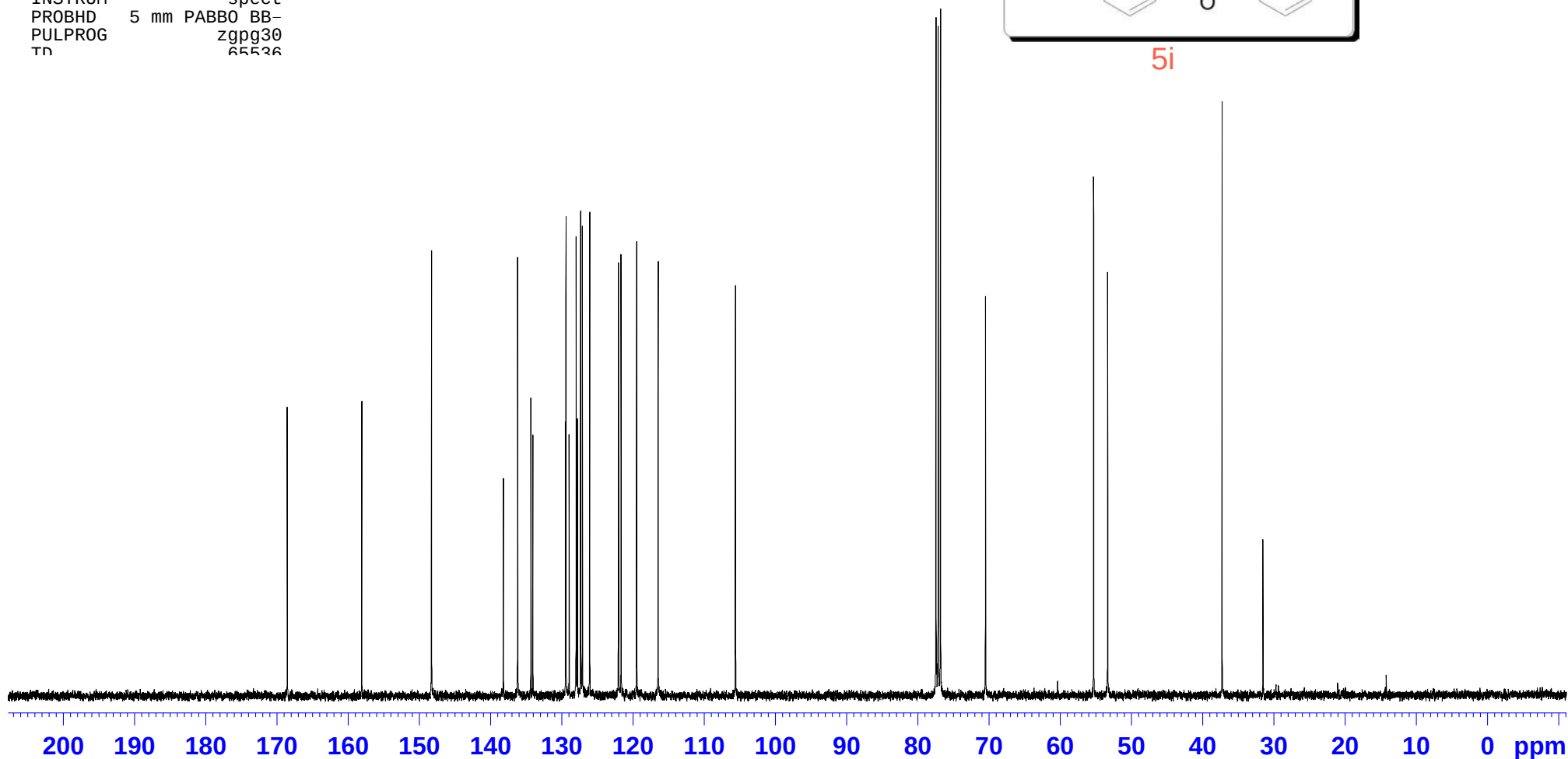
— 37.29 — 31.55

Current Data Parameters
NAME HJT-13-P39-C1-20141111-
EXPNO 22
PROCNO 1

F2 - Acquisition Parameters
Date_ 20141111
Time 22.01
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536

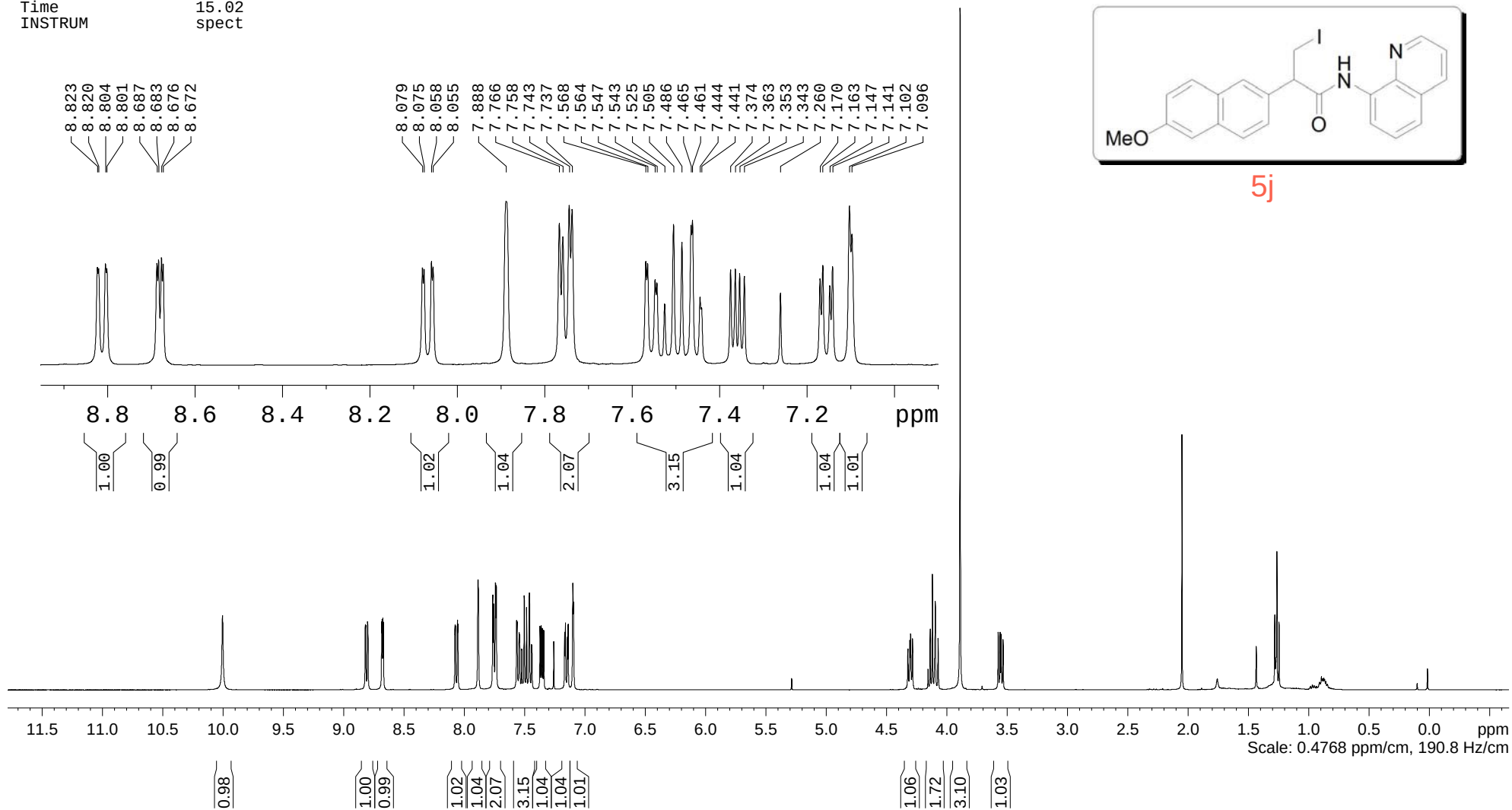


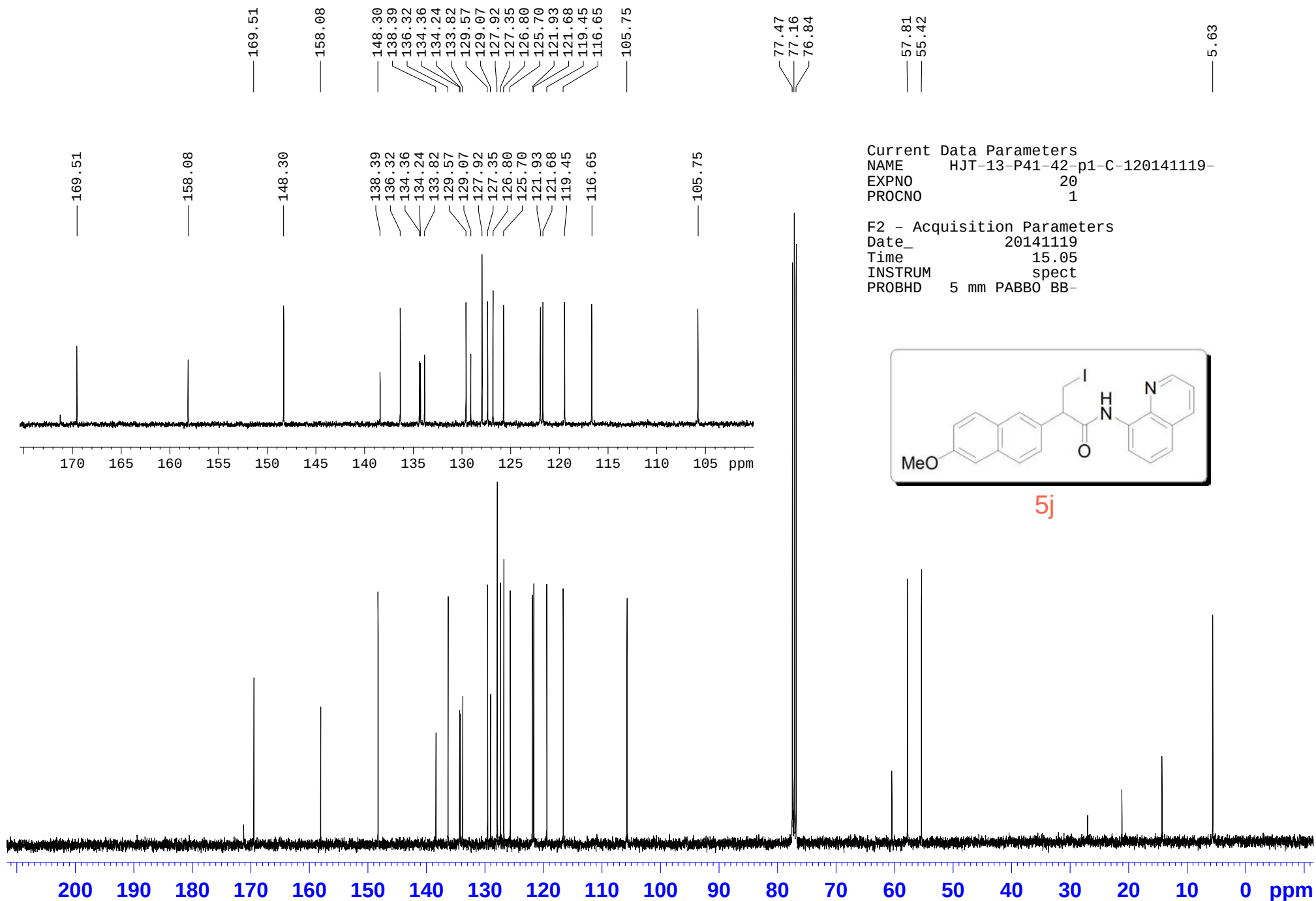
5i



Current Data Parameters
NAME HJT-13-P41-42-p1-H-120141119-
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20141119
Time 15.02
INSTRUM spect



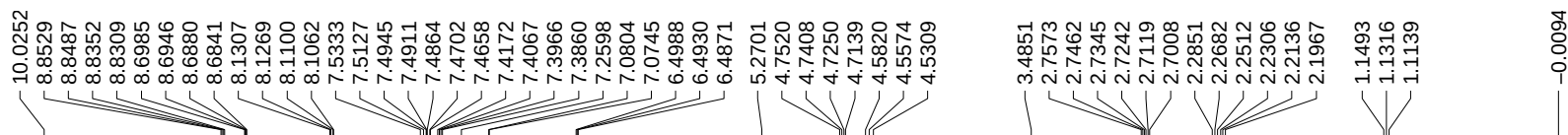
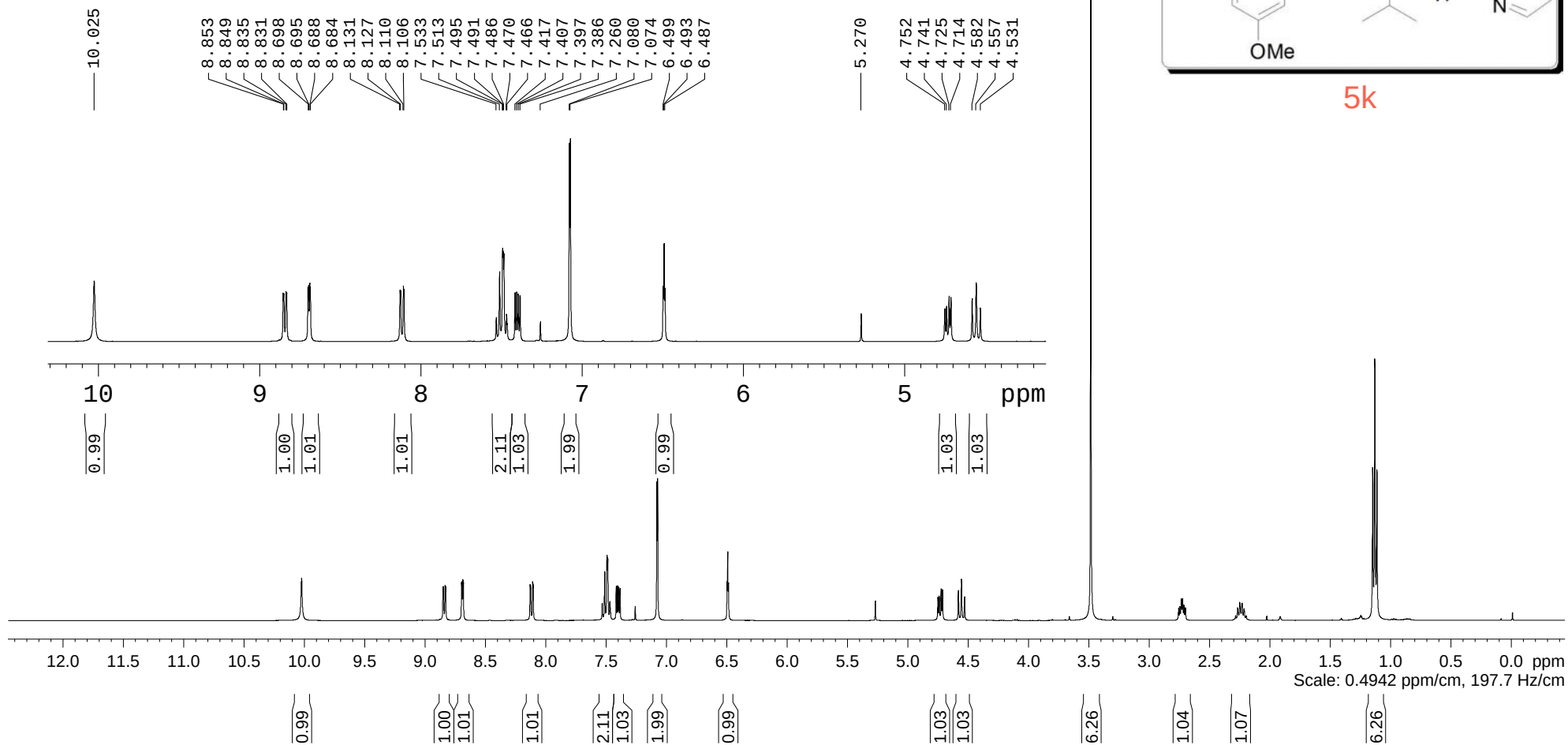


Current Data Parameters
NAME HJT-13-P41-42-p1-C-120141119-
EXPNO 20
PROCNO 1

F2 - Acquisition Parameters
Date_ 20141119
Time 15.05
INSTRUM spect
PROBHD 5 mm PABBO BB-

Current Data Parameters
 NAME HJT-13-P47-H-20141127
 EXPNO 21
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20141127
 Time 19.38
 INSTRUM spect



— 171.87
 — 166.14
 — 160.49

 — 148.35

 — 138.39
 — 136.31
 — 134.34
 — 131.85
 — 127.93
 — 127.43
 — 121.73
 — 121.66
 — 116.66

 — 107.08
 — 106.06

 — 77.48
 — 77.16
 — 76.84

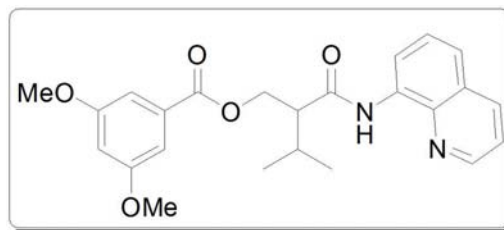
 — 65.16

 — 55.21
 — 55.14

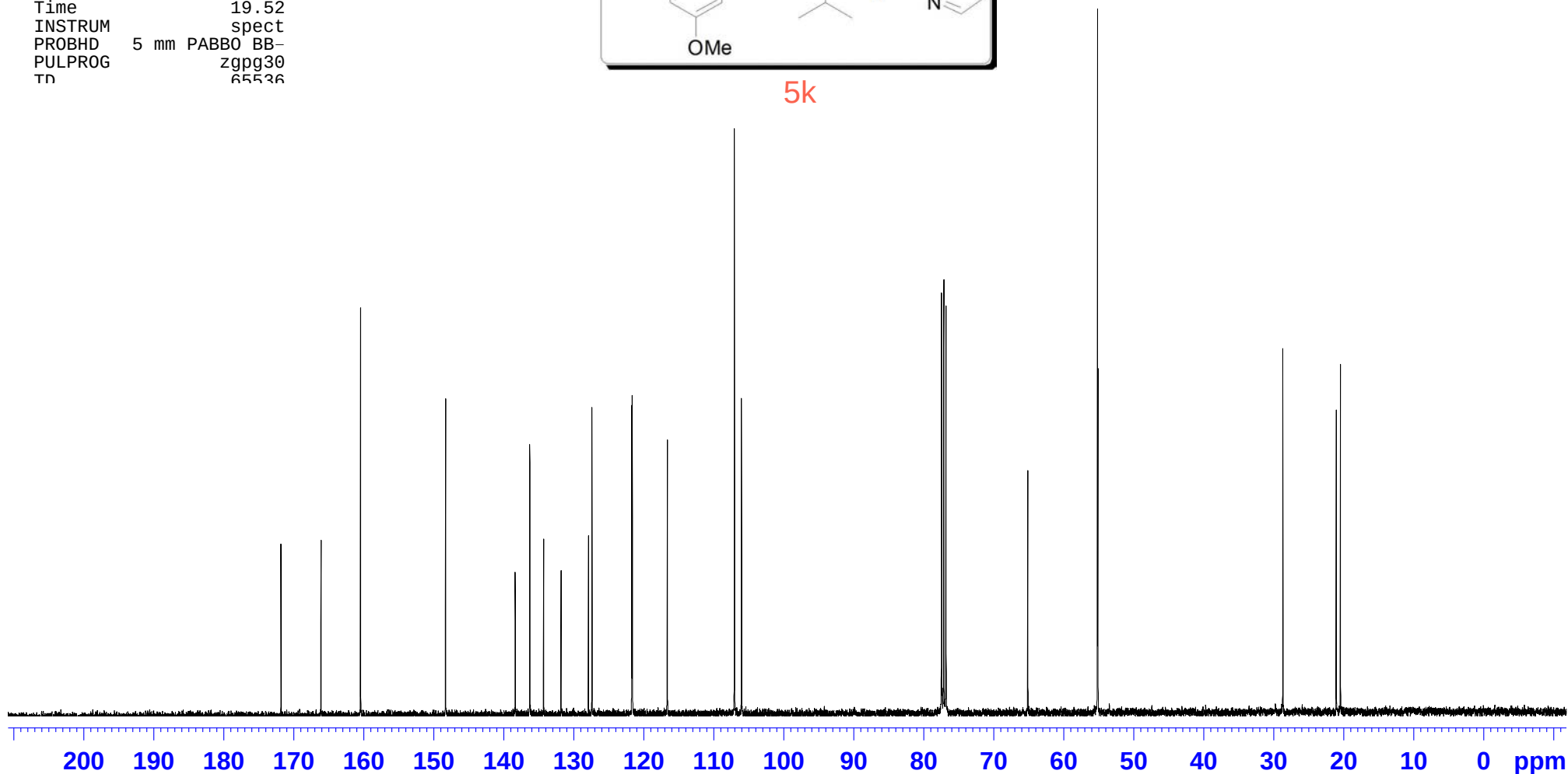
 — 28.71
 — 21.09
 — 20.49

Current Data Parameters
 NAME HJT-13-P47-C-20141127
 EXPNO 23
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20141127
 Time 19.52
 INSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG zgpg30
 TD 65536

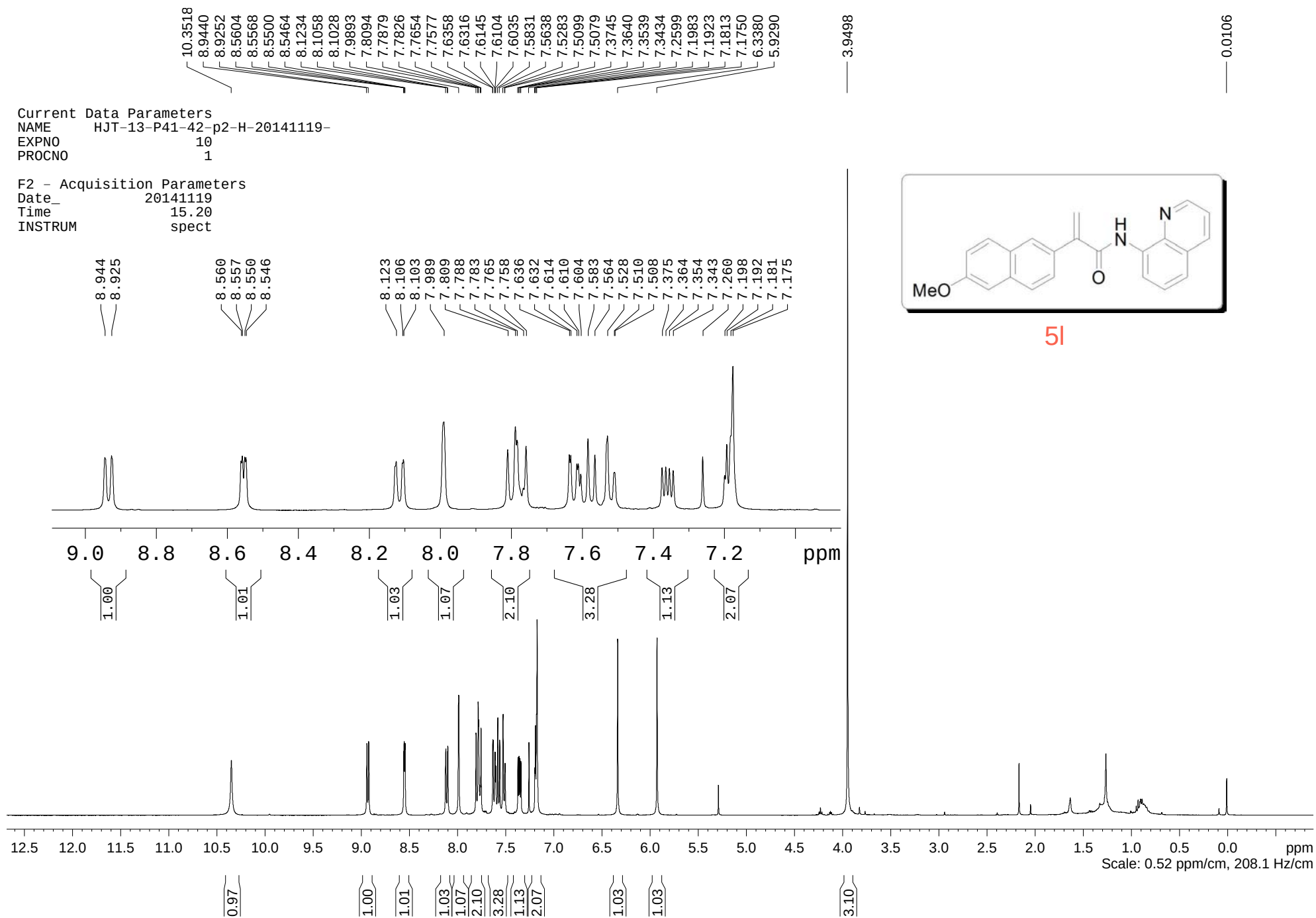


5k



Current Data Parameters
 NAME HJT-13-P41-42-p2-H-20141119-
 EXPNO 10
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20141119
 Time 15.20
 INSTRUM spect



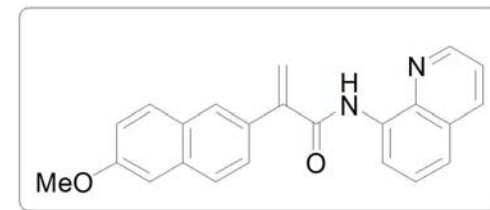
166.27
158.32
148.40
146.05
138.87
136.29
134.66
131.90
130.03
128.92
128.02
127.63
127.48
127.33
126.47
122.00
121.77
121.66
119.38
116.87
105.82

77.48
77.16
76.84

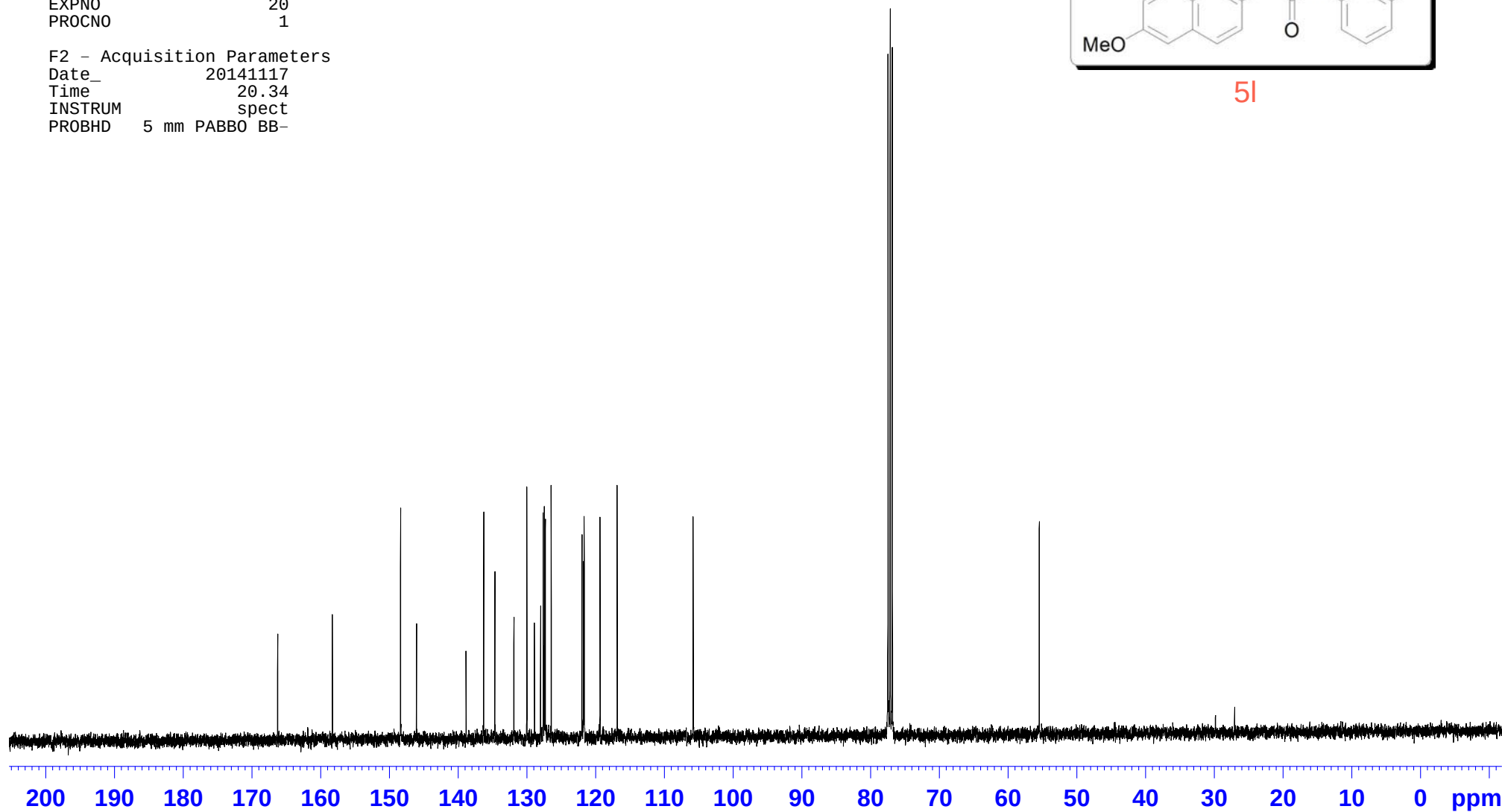
55.46

Current Data Parameters
NAME HJT-13-P42-C-20141117-
EXPNO 20
PROCNO 1

F2 - Acquisition Parameters
Date_ 20141117
Time 20.34
INSTRUM spect
PROBHD 5 mm PABBO BB-

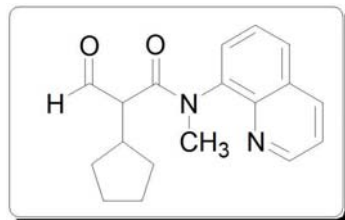


5I

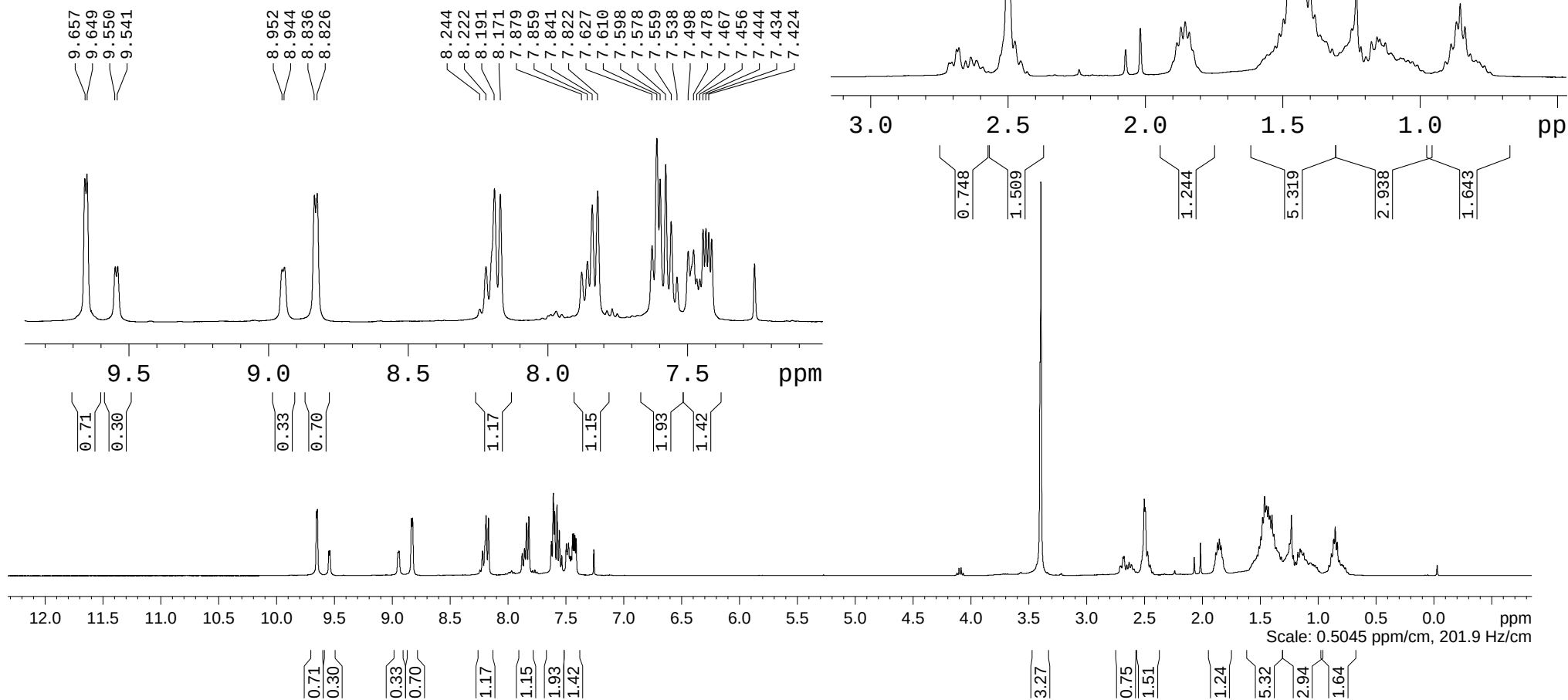


Current Data Parameters
 NAME HJT-13-P76-H-20150115-
 EXPNO 10
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20150115
 Time 11.10
 INSTRUM spect

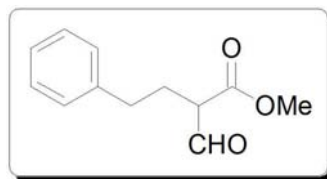


5m

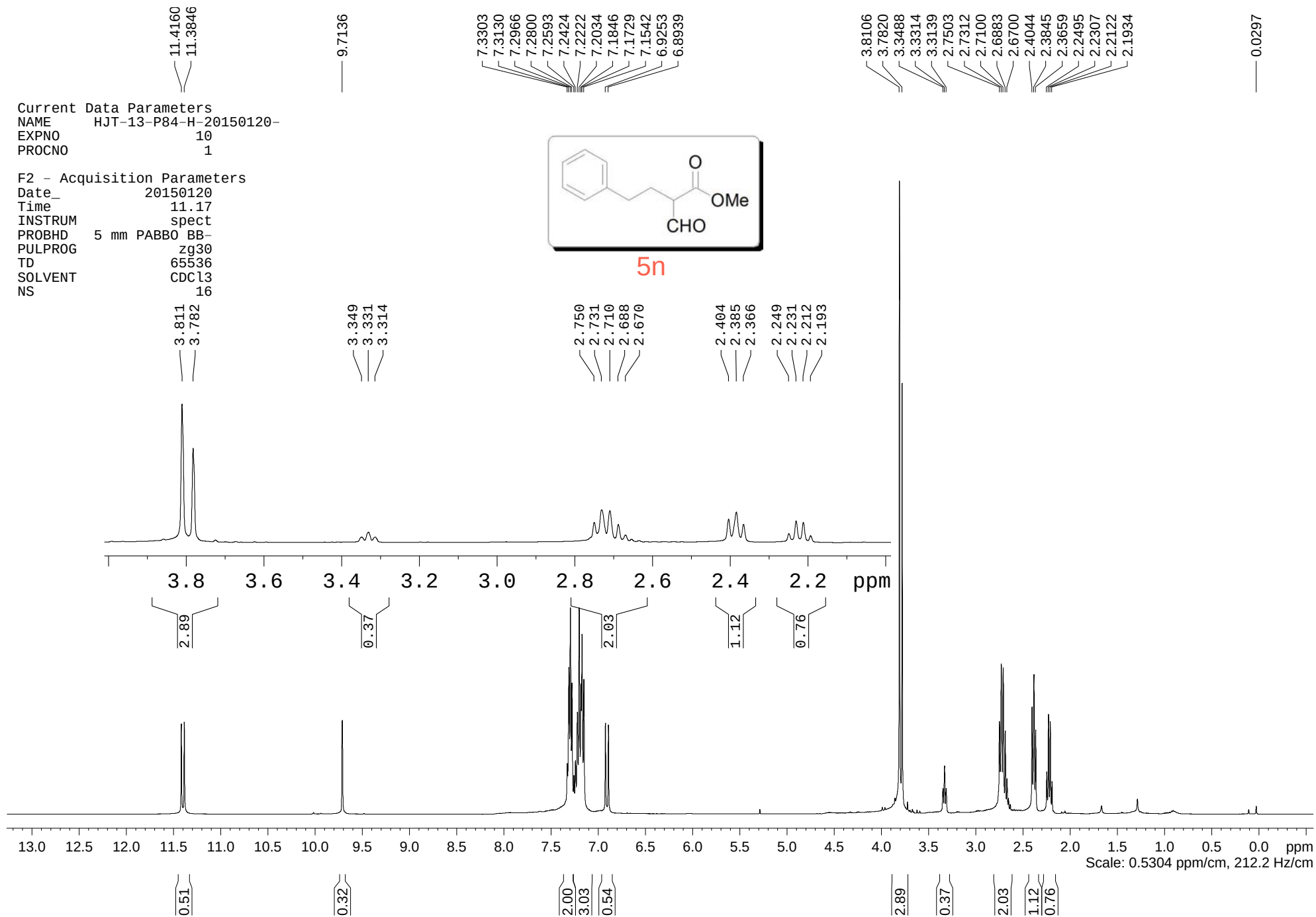


Current Data Parameters
 NAME HJT-13-P84-H-20150120-
 EXPNO 10
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20150120
 Time 11.17
 INSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG zg30
 TD 65536
 SOLVENT CDCl3
 NS 16



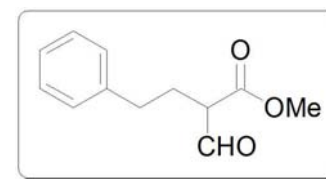
5n



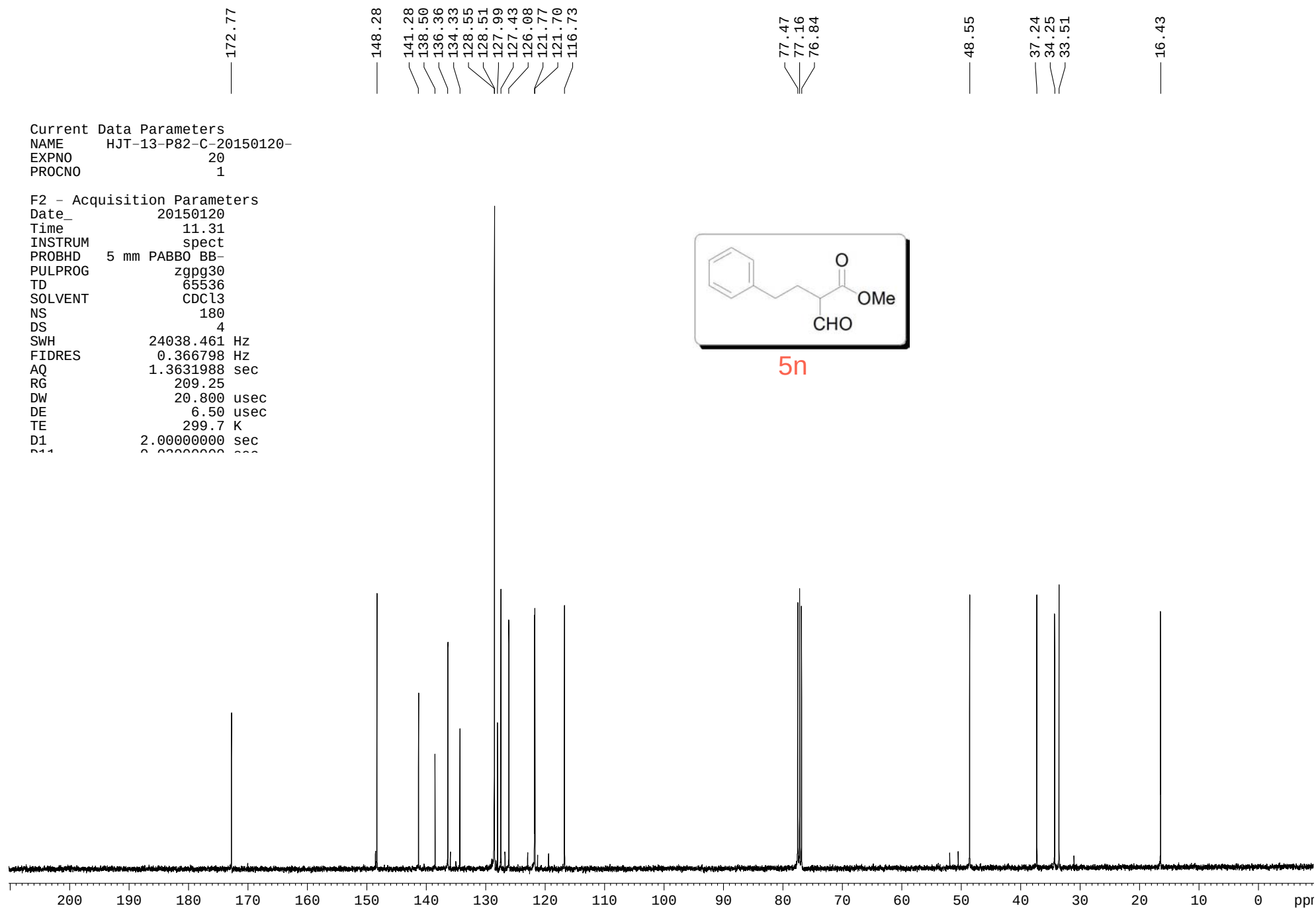
Current Data Parameters
 NAME HJT-13-P82-C-20150120-
 EXPNO 20
 PROCNO 1

F2 - Acquisition Parameters

Date_ 20150120
 Time 11.31
 INSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 180
 DS 4
 SWH 24038.461 Hz
 FIDRES 0.366798 Hz
 AQ 1.3631988 sec
 RG 209.25
 DW 20.800 usec
 DE 6.50 usec
 TE 299.7 K
 D1 2.00000000 sec
 D11 0.00000000 sec



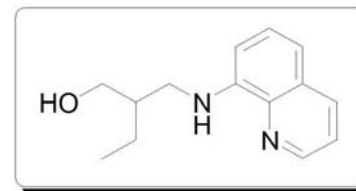
5n



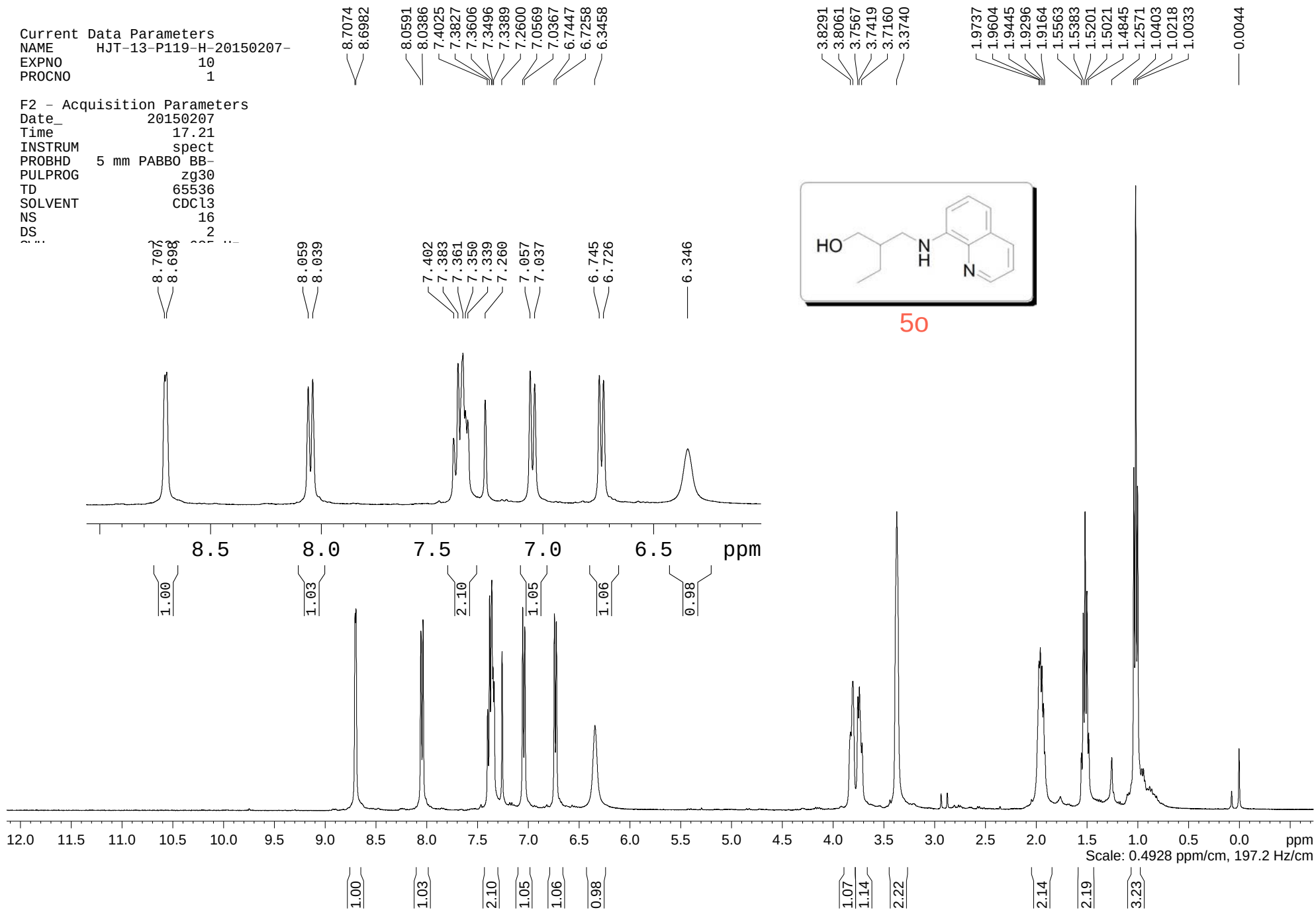
Current Data Parameters
 NAME HJT-13-P119-H-20150207-
 EXPNO 10
 PROCNO 1

F2 - Acquisition Parameters

Date_ 20150207
 Time 17.21
 INSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG zg30
 TD 65536
 SOLVENT CDCl3
 NS 16
 DS 2
 ...



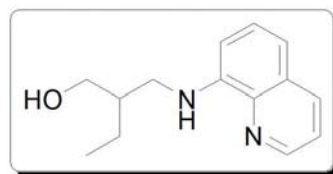
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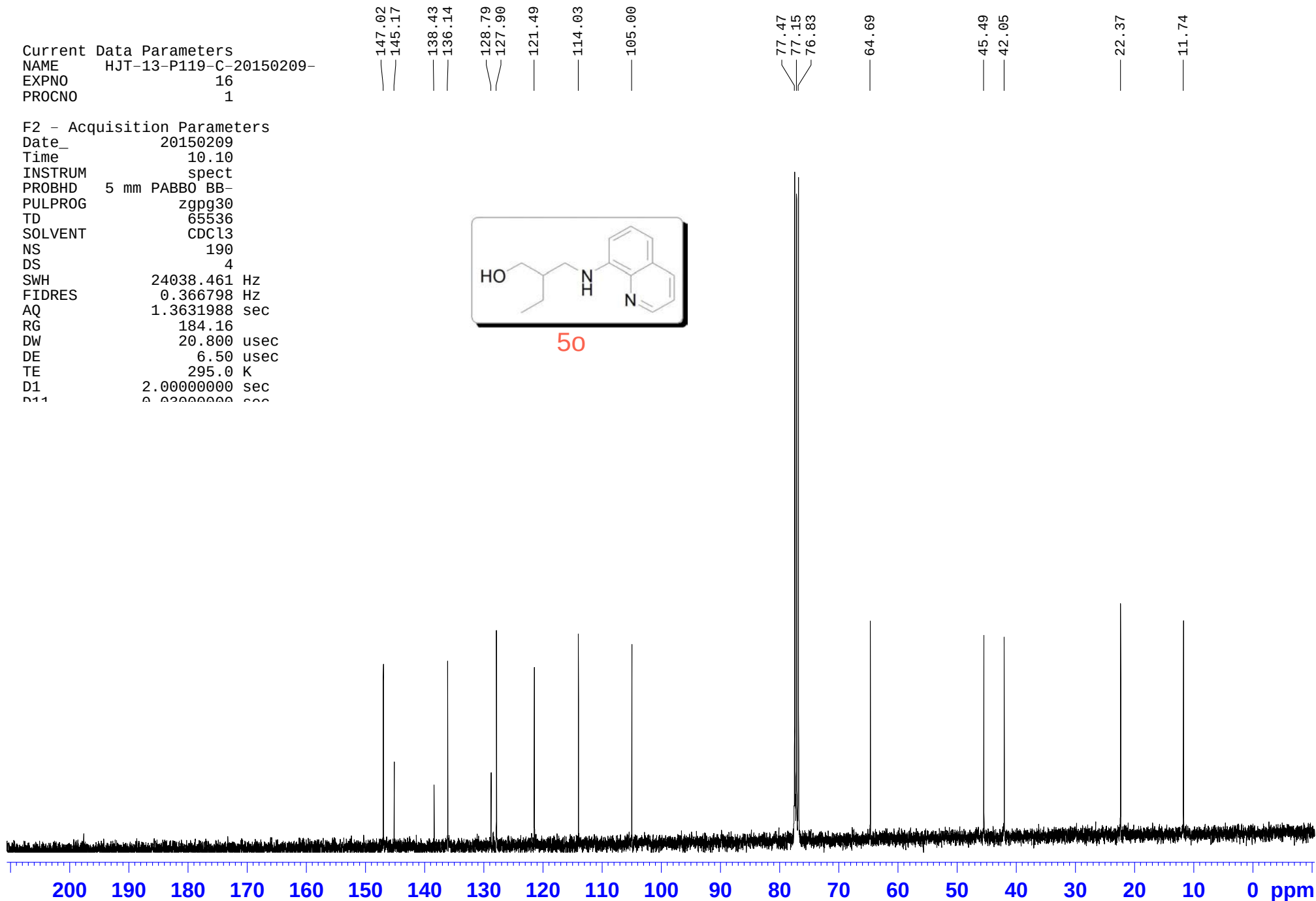
Current Data Parameters
NAME HJT-13-P119-C-20150209-
EXPNO 16
PROCNO 1

F2 - Acquisition Parameters

Date_ 20150209
Time 10.10
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 190
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.3631988 sec
RG 184.16
DW 20.800 usec
DE 6.50 usec
TE 295.0 K
D1 2.00000000 sec
n11 0.00000000 sec



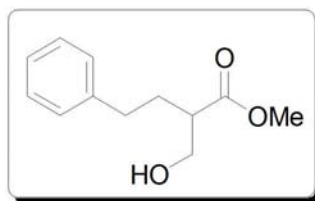
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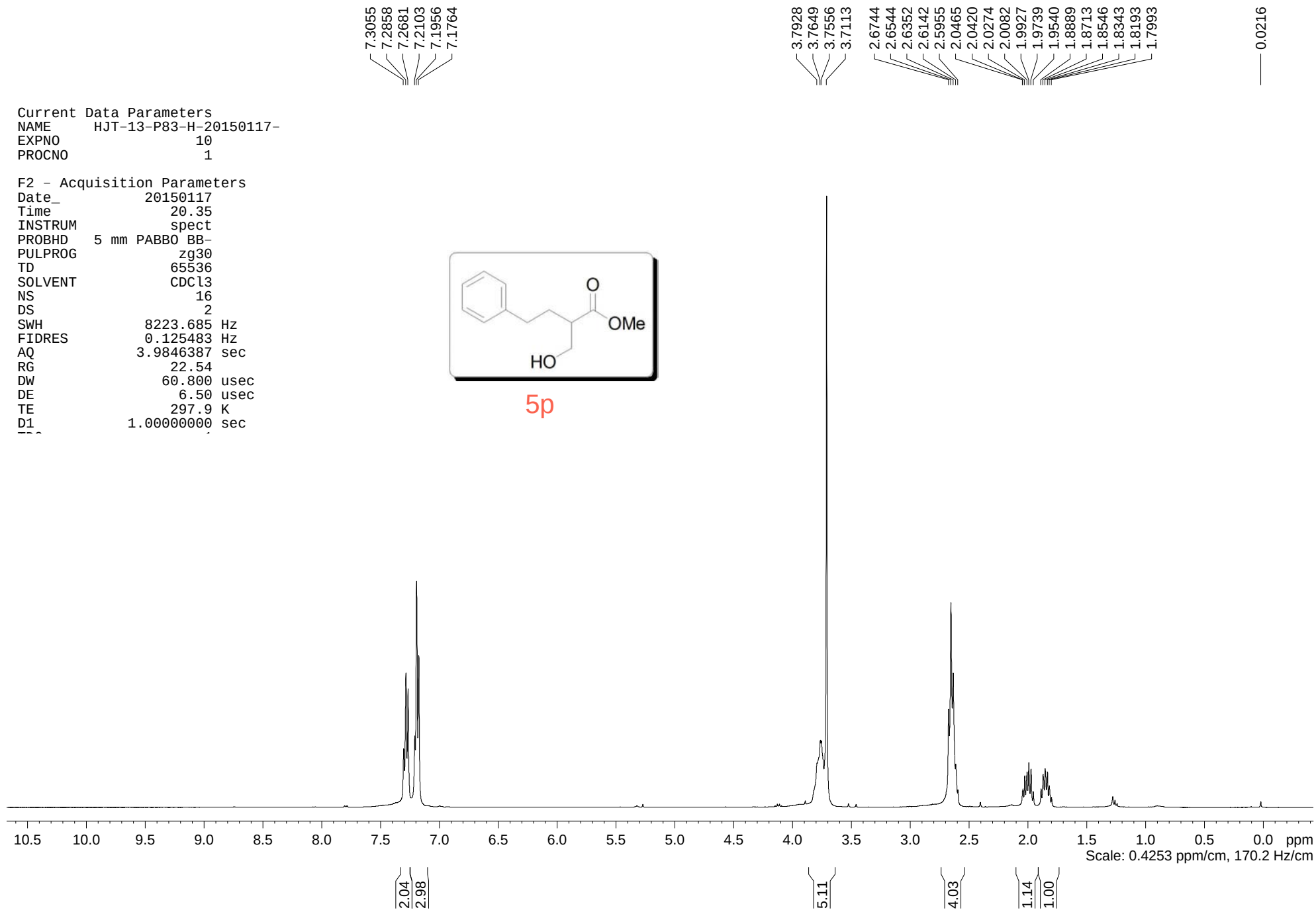
Current Data Parameters
 NAME HJT-13-P83-H-20150117-
 EXPNO 10
 PROCNO 1

F2 - Acquisition Parameters

Date_ 20150117
 Time 20.35
 INSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG zg30
 TD 65536
 SOLVENT CDCl3
 NS 16
 DS 2
 SWH 8223.685 Hz
 FIDRES 0.125483 Hz
 AQ 3.9846387 sec
 RG 22.54
 DW 60.800 usec
 DE 6.50 usec
 TE 297.9 K
 D1 1.00000000 sec

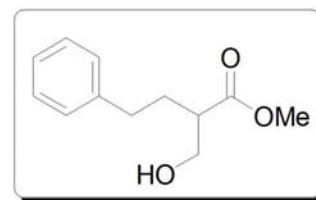


5p

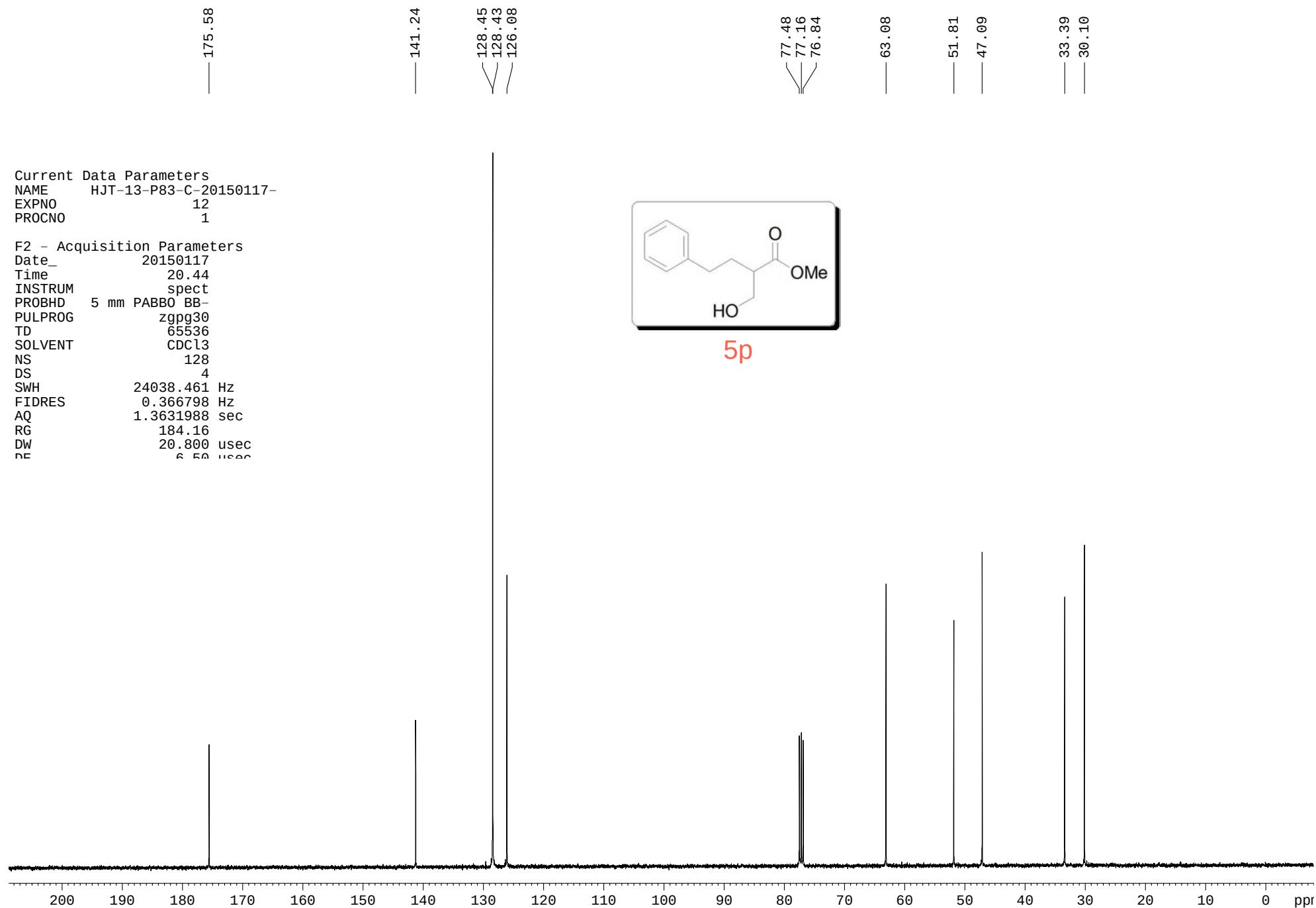


Current Data Parameters
NAME HJT-13-P83-C-20150117-
EXPNO 12
PROCNO 1

F2 - Acquisition Parameters
Date_ 20150117
Time 20.44
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 128
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.3631988 sec
RG 184.16
DW 20.800 usec
DE 6.50 usec



5p



Current Data Parameters
 NAME HJT-13-P89-H-20150122
 EXPNO 10
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20150122
 Time 15.02
 INSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG zg30
 TD 65536
 SOLVENT CDCl3
 NS 13
 DS 2
 SWH 8223.685 Hz
 FIDRES 0.125483 Hz

7.5513
 7.5321
 7.4657
 7.4472
 7.4276
 7.4020
 7.3940
 7.3757
 7.3577
 7.2596
 7.1636
 7.1452
 7.1350

4.2000
 4.1816
 4.1552
 4.1445
 4.1267
 3.9277
 3.9148
 3.9028
 3.7535

2.8388

0.0376

7.551

7.532

7.466

7.447

7.428

7.423

7.402

7.394

7.376

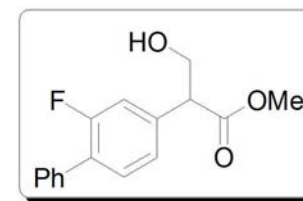
7.358

7.260

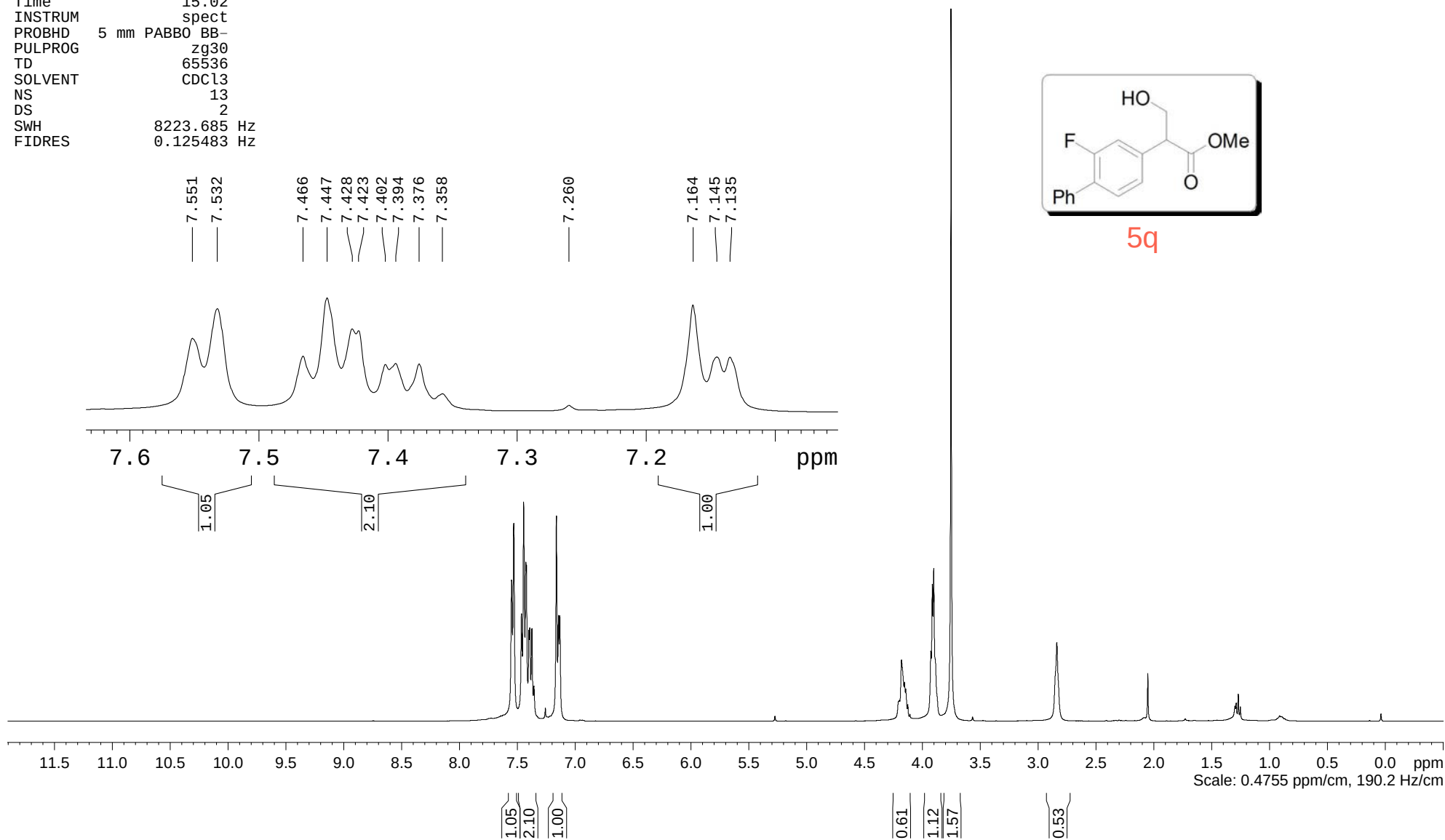
7.164

7.145

7.135



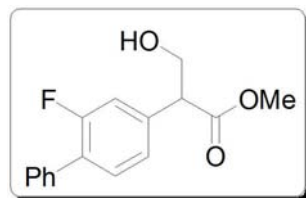
5q



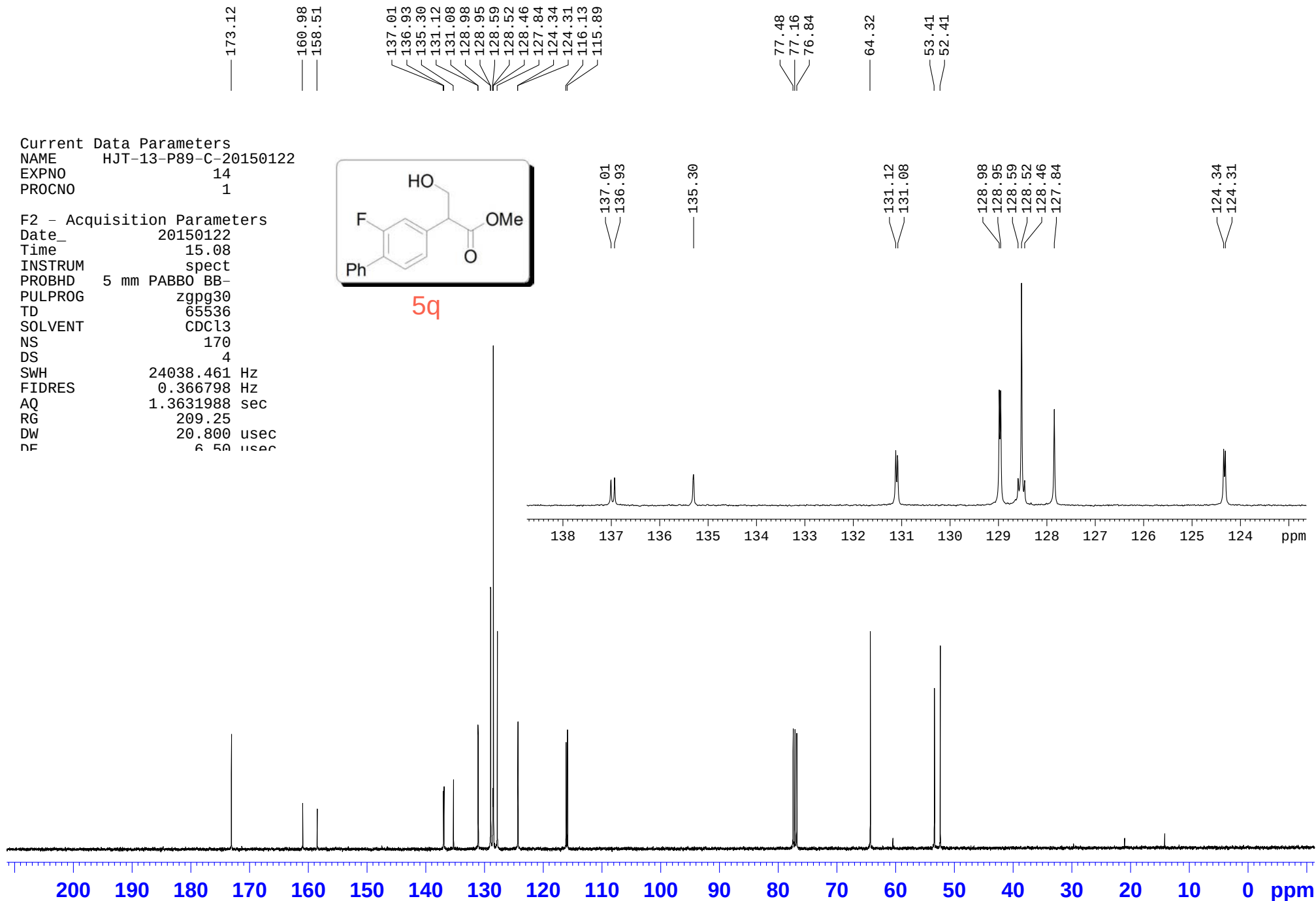
Current Data Parameters
 NAME HJT-13-P89-C-20150122
 EXPNO 14
 PROCNO 1

F2 - Acquisition Parameters

Date_ 20150122
 Time 15.08
 INSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 170
 DS 4
 SWH 24038.461 Hz
 FIDRES 0.366798 Hz
 AQ 1.3631988 sec
 RG 209.25
 DW 20.800 usec
 DE 6.50 usec



5q



Current Data Parameters
 NAME HJT-13-P90-H-20150126
 EXPNO 11
 PROCNO 1

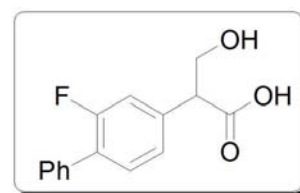
F2 - Acquisition Parameters
 Date_ 20150126
 Time 10.37
 INSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG zg30
 TD 65536
 SOLVENT MeOD
 NS 16
 DS 2
 SWH 8223.685 Hz
 FIDRES 0.125483 Hz
 AQ 3.9846387 sec
 RG 63.51
 DW 60.800 usec
 DE 6.50 usec

7.5095
 7.4910
 7.4284
 7.4115
 7.3927
 7.3547
 7.3367
 7.3186
 7.2290
 7.2096
 7.1802

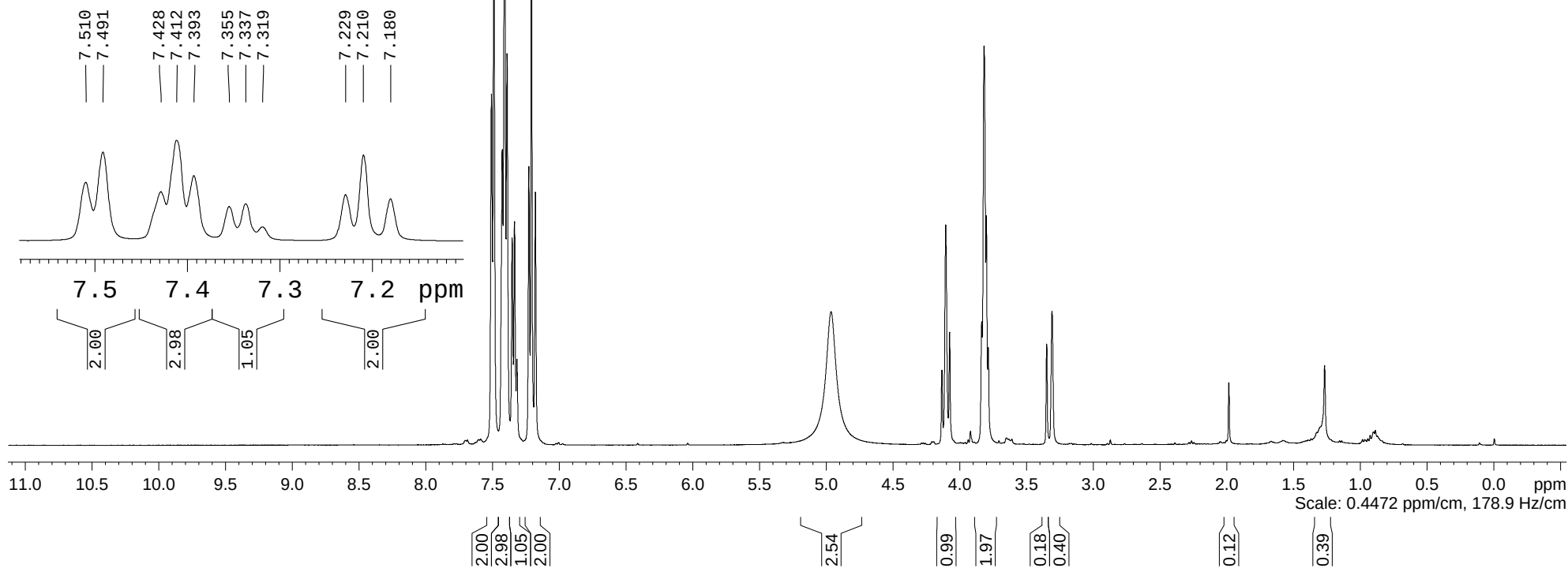
4.9664
 4.1351
 4.1061
 4.0773
 3.8367
 3.8194
 3.8021
 3.7877
 3.3499
 3.3101

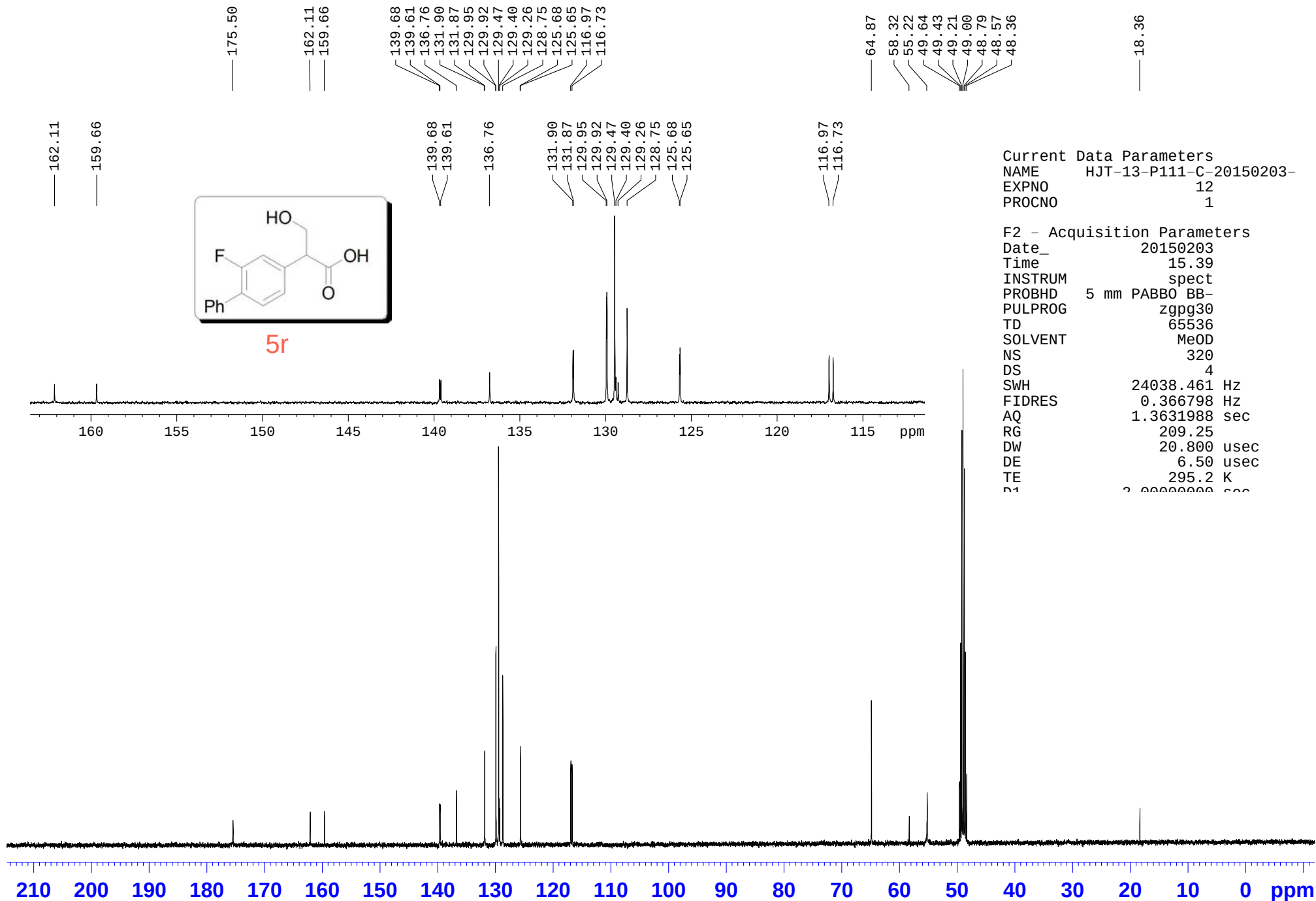
1.9855

1.2678



5r





Current Data Parameters
 NAME HJT-13-P100-H-20150131-
 EXPNO 10
 PROCNO 1

F2 - Acquisition Parameters

Date_ 20150131
 Time 21.05
 INSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG zg30
 TD 65536
 SOLVENT CDCl3
 NS 16
 DS 2
 SWH 8223.685 Hz
 FIDRES 0.125483 Hz
 AQ 3.9846387 sec
 RG 165.63
 DW 60.800 usec
 DE 6.50 usec
 TE 294.2 K
 D1 1.00000000 sec
 TD0 1

===== CHANNEL f1 =====
 NUC1 1H
 P1 14.83 usec
 PLW1 13.00199986 W
 SF01 400.1324710 MHz

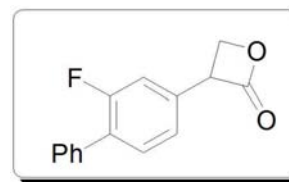
F2 Processing parameters

7.5456
7.5275
7.5012
7.4793
7.4600
7.4408
7.4106
7.3931
7.3749
7.2599
7.1803
7.1604
7.1429
7.1154

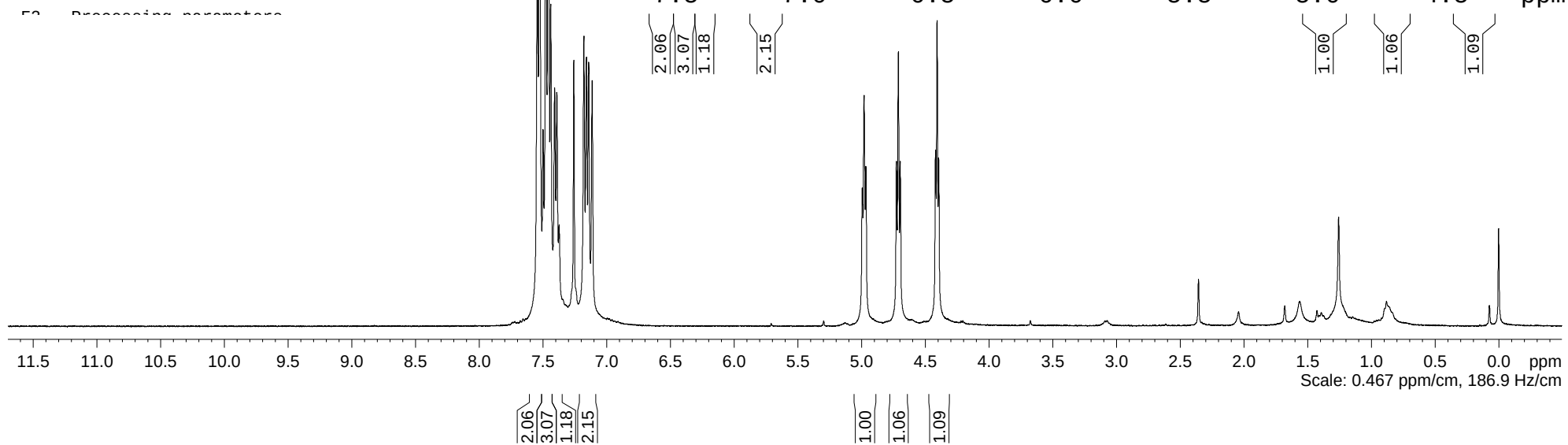
4.9962
4.9816
4.9681
4.7281
4.7125
4.6985
4.4213
4.4092
4.3971

0.0032

7.527
7.501
7.479
7.460
7.441
7.411
7.393
7.375
7.260
7.180
7.160
7.143
7.115



4.996
4.982
4.968
4.728
4.713
4.699
4.421
4.409
4.397



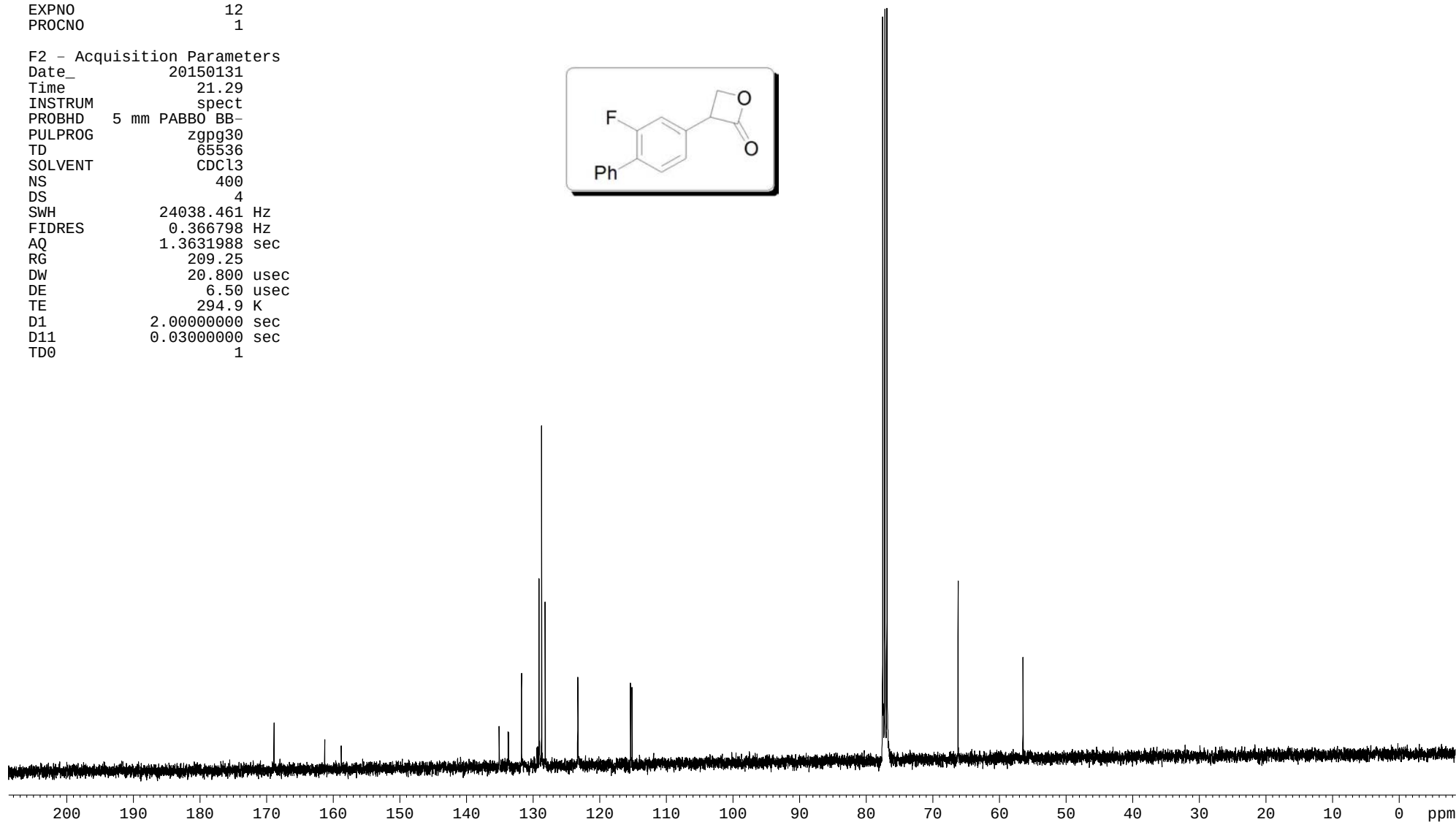
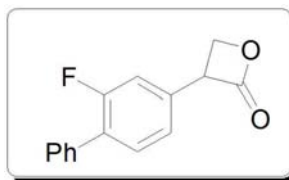
— 168.87
— 161.26
— 158.78

135.07
133.74
133.66
131.72
131.68
129.40
129.26
129.08
129.06
128.70
128.16
123.27
123.23
115.35
115.11

77.48
77.16
76.84
— 66.17
— 56.43

Current Data Parameters
NAME HJT-13-P100-C-20150131-
EXPNO 12
PROCNO 1

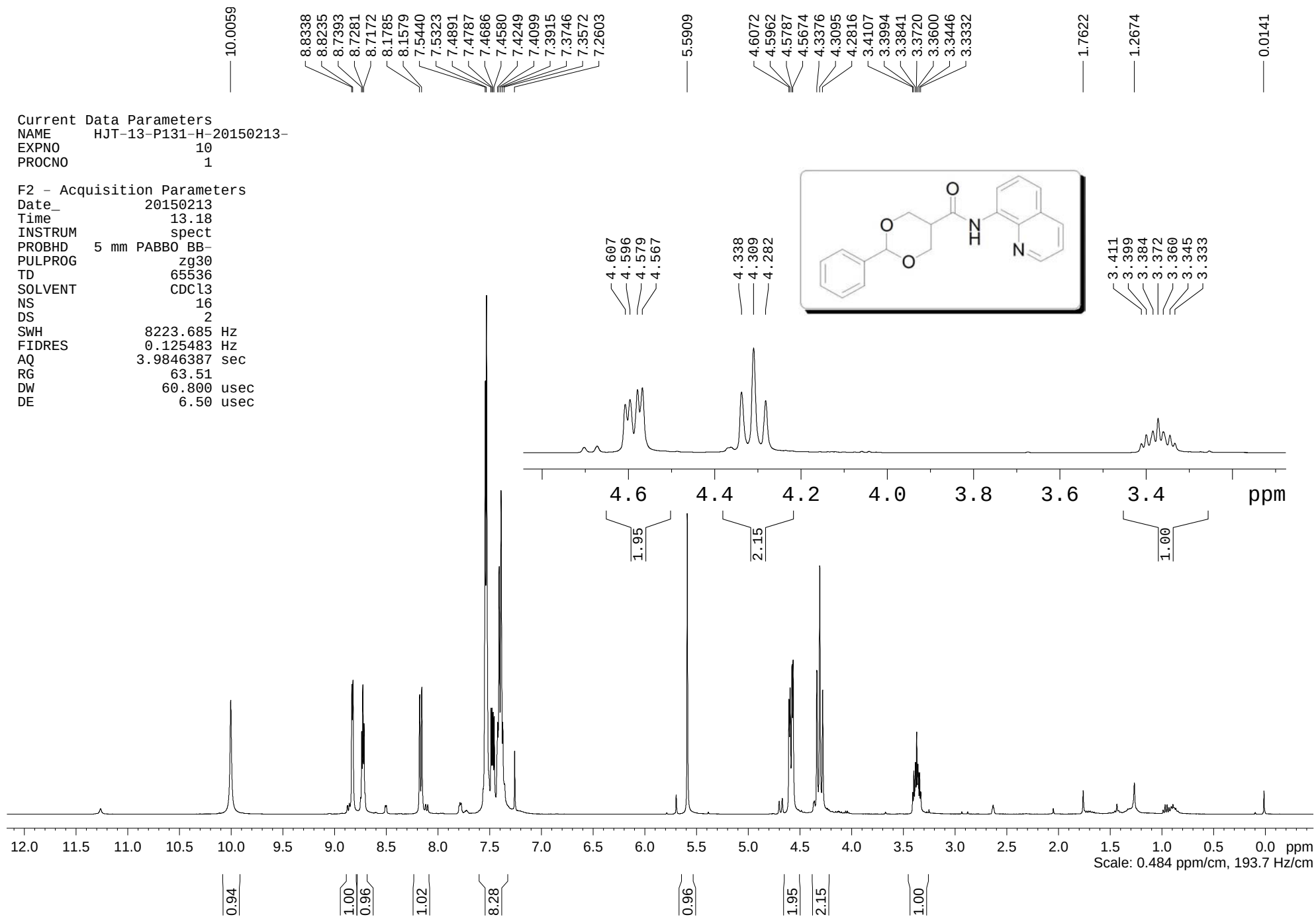
F2 - Acquisition Parameters
Date_ 20150131
Time 21.29
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 400
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.3631988 sec
RG 209.25
DW 20.800 usec
DE 6.50 usec
TE 294.9 K
D1 2.00000000 sec
D11 0.03000000 sec
TD0 1



Current Data Parameters
 NAME HJT-13-P131-H-20150213-
 EXPNO 10
 PROCNO 1

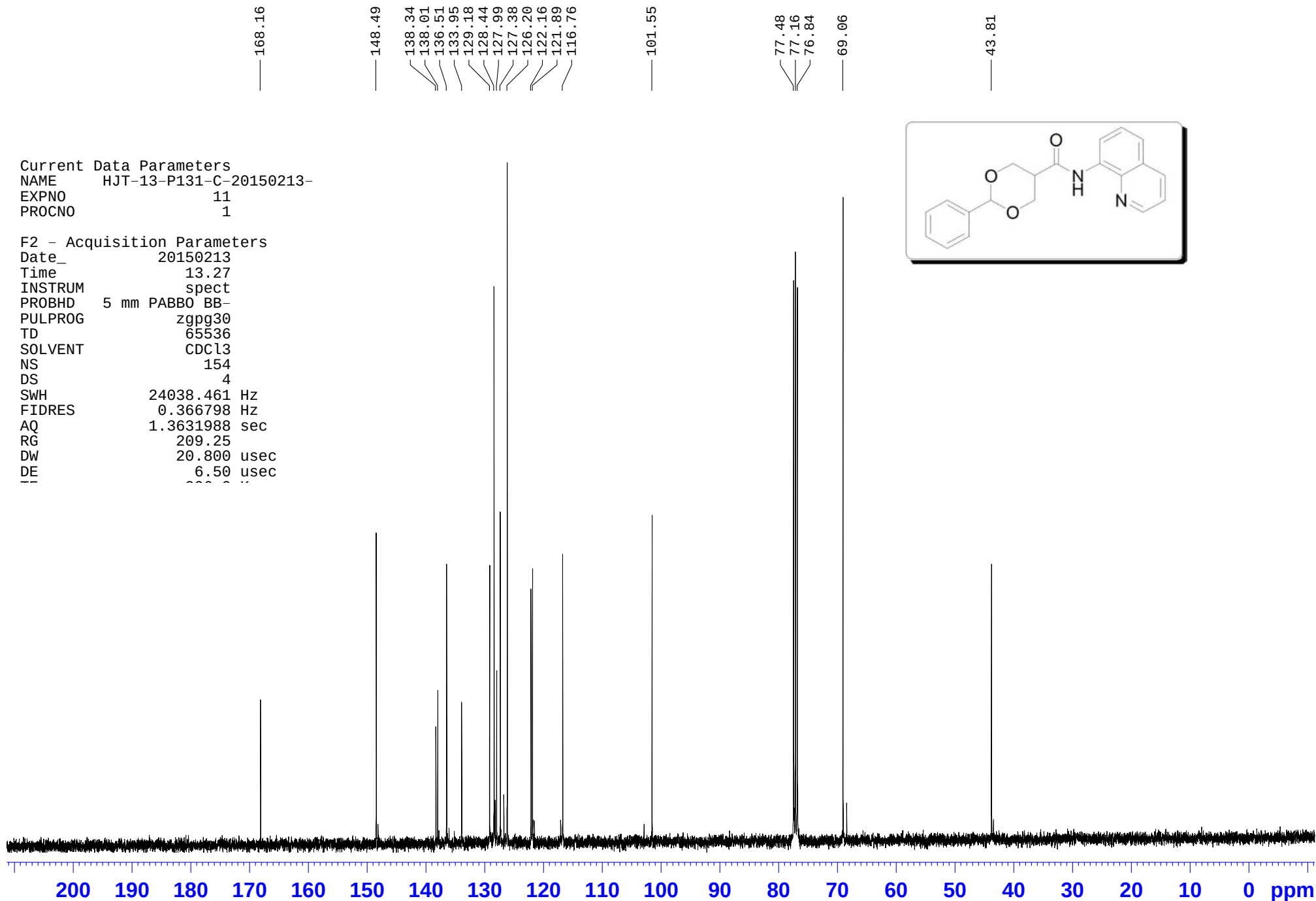
F2 - Acquisition Parameters

Date_ 20150213
 Time 13.18
 INSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG zg30
 TD 65536
 SOLVENT CDCl3
 NS 16
 DS 2
 SWH 8223.685 Hz
 FIDRES 0.125483 Hz
 AQ 3.9846387 sec
 RG 63.51
 DW 60.800 usec
 DE 6.50 usec



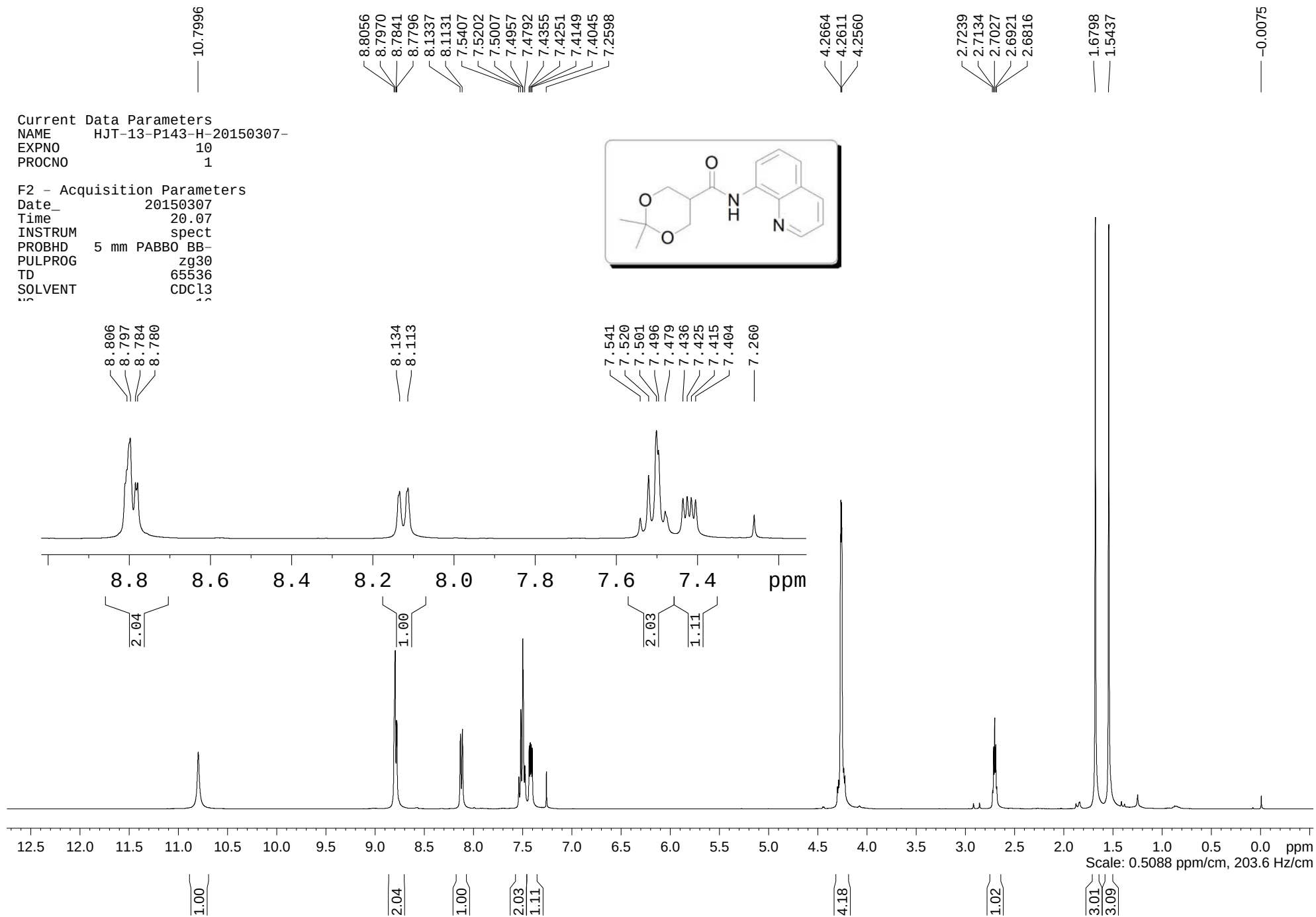
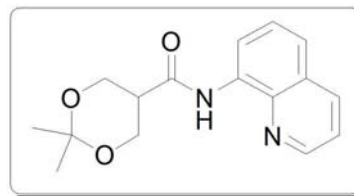
Current Data Parameters
NAME HJT-13-P131-C-20150213-
EXPNO 11
PROCNO 1

F2 - Acquisition Parameters
Date_ 20150213
Time 13.27
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 154
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.3631988 sec
RG 209.25
DW 20.800 usec
DE 6.50 usec
--



Current Data Parameters
 NAME HJT-13-P143-H-20150307-
 EXPNO 10
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20150307
 Time 20.07
 INSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG zg30
 TD 65536
 SOLVENT CDCl3



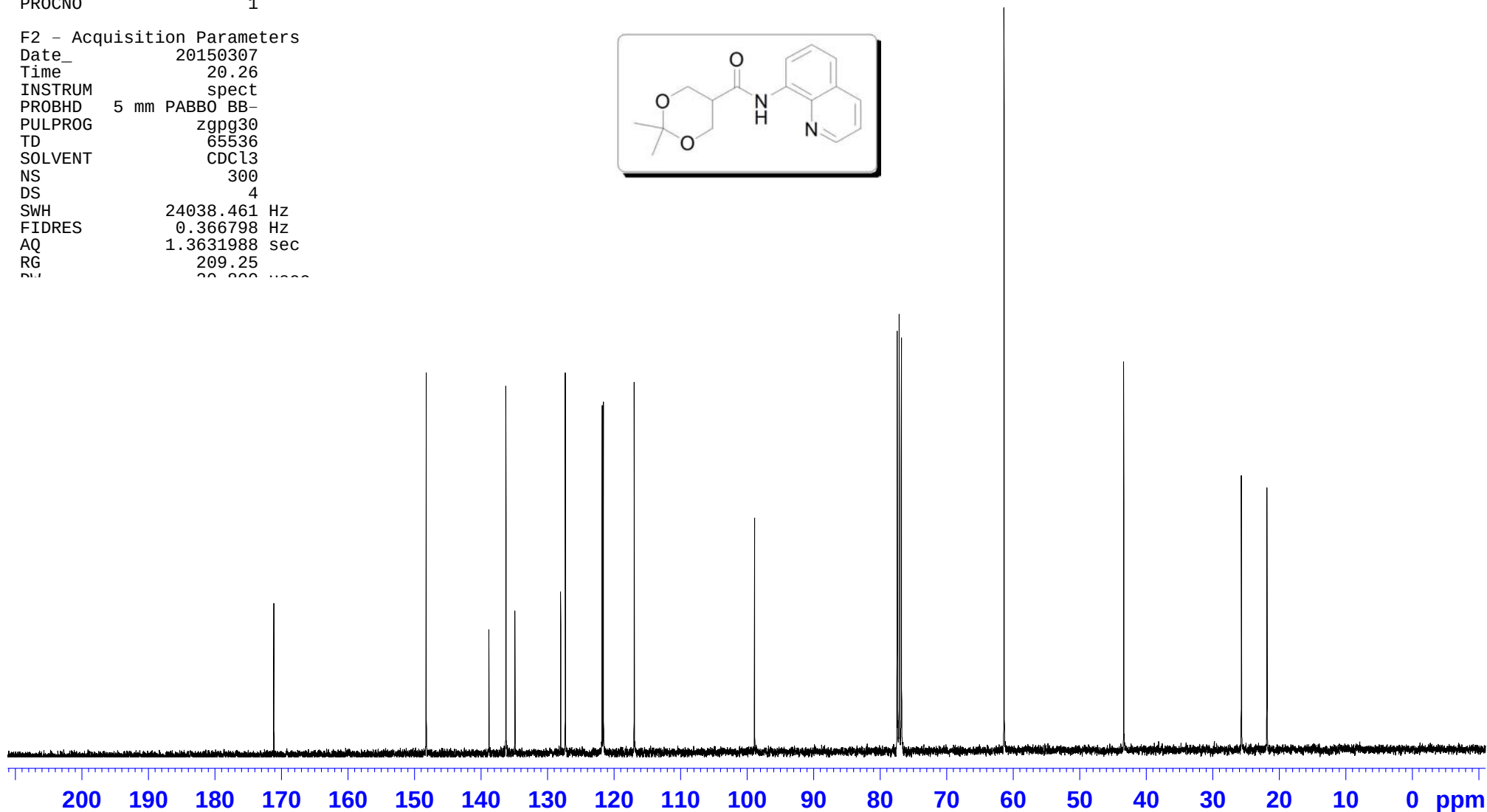
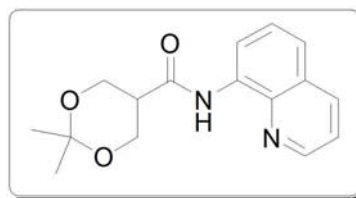
— 171.12
 — 148.27
 — 138.84
 — 136.29
 — 134.94
 — 128.05
 — 127.37
 — 121.81
 — 121.63
 — 117.01
 — 98.92
 — 77.47
 — 77.15
 — 76.84
 — 61.39
 — 43.40
 — 25.72
 — 21.88

Current Data Parameters

NAME HJT-13-P143-C-20150307-
 EXPNO 20
 PROCNO 1

F2 - Acquisition Parameters

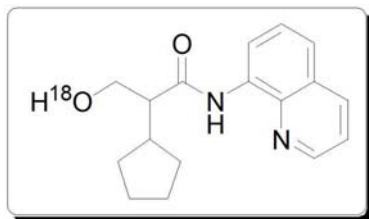
Date_ 20150307
 Time 20.26
 INSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 300
 DS 4
 SWH 24038.461 Hz
 FIDRES 0.366798 Hz
 AQ 1.3631988 sec
 RG 209.25
 R1 20.000 Hz
 R2 20.000 Hz



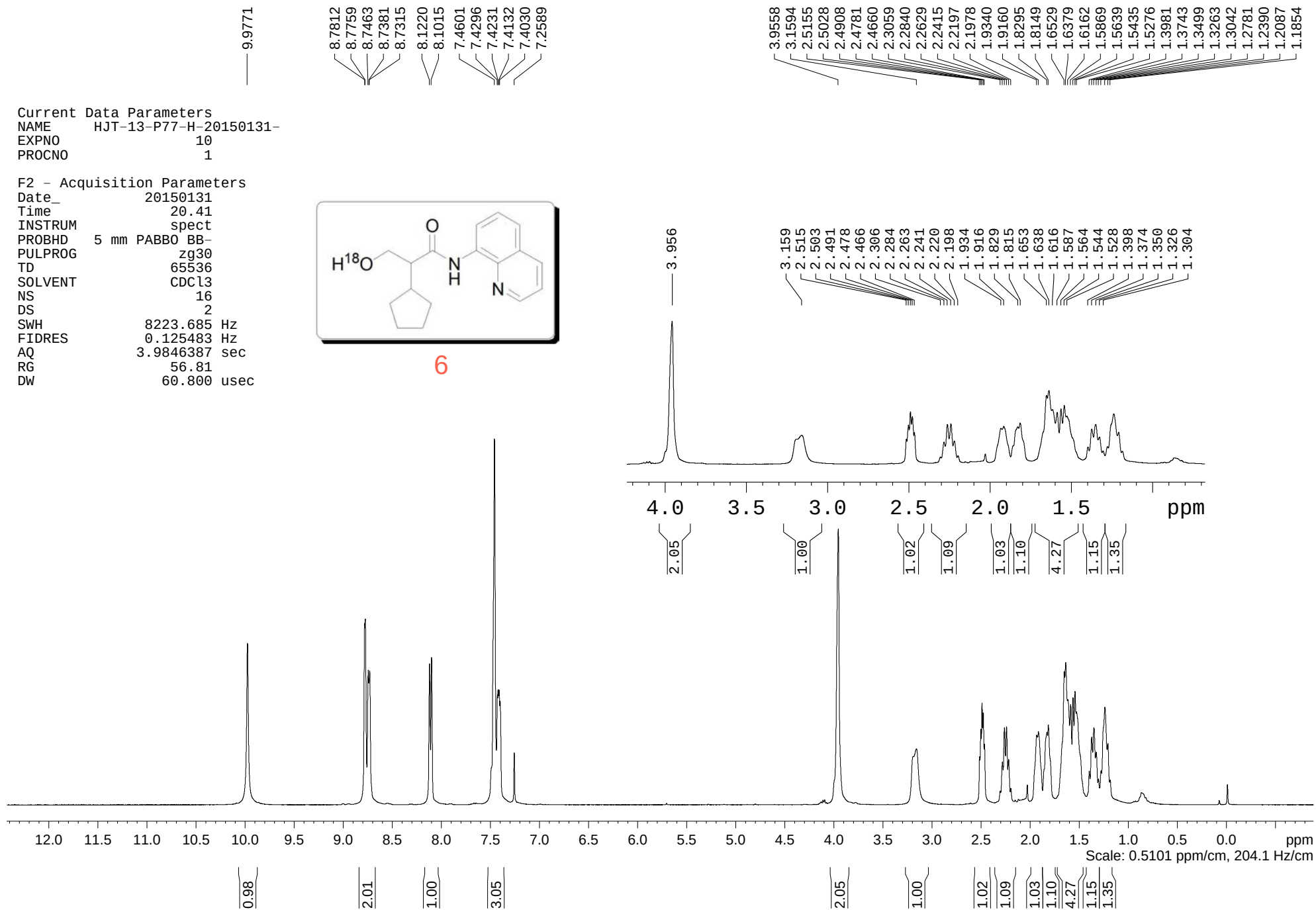
Current Data Parameters
 NAME HJT-13-P77-H-20150131-
 EXPNO 10
 PROCNO 1

F2 - Acquisition Parameters

Date_ 20150131
 Time 20.41
 INSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG zg30
 TD 65536
 SOLVENT CDCl3
 NS 16
 DS 2
 SWH 8223.685 Hz
 FIDRES 0.125483 Hz
 AQ 3.9846387 sec
 RG 56.81
 DW 60.800 usec

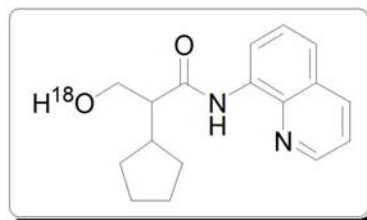


6

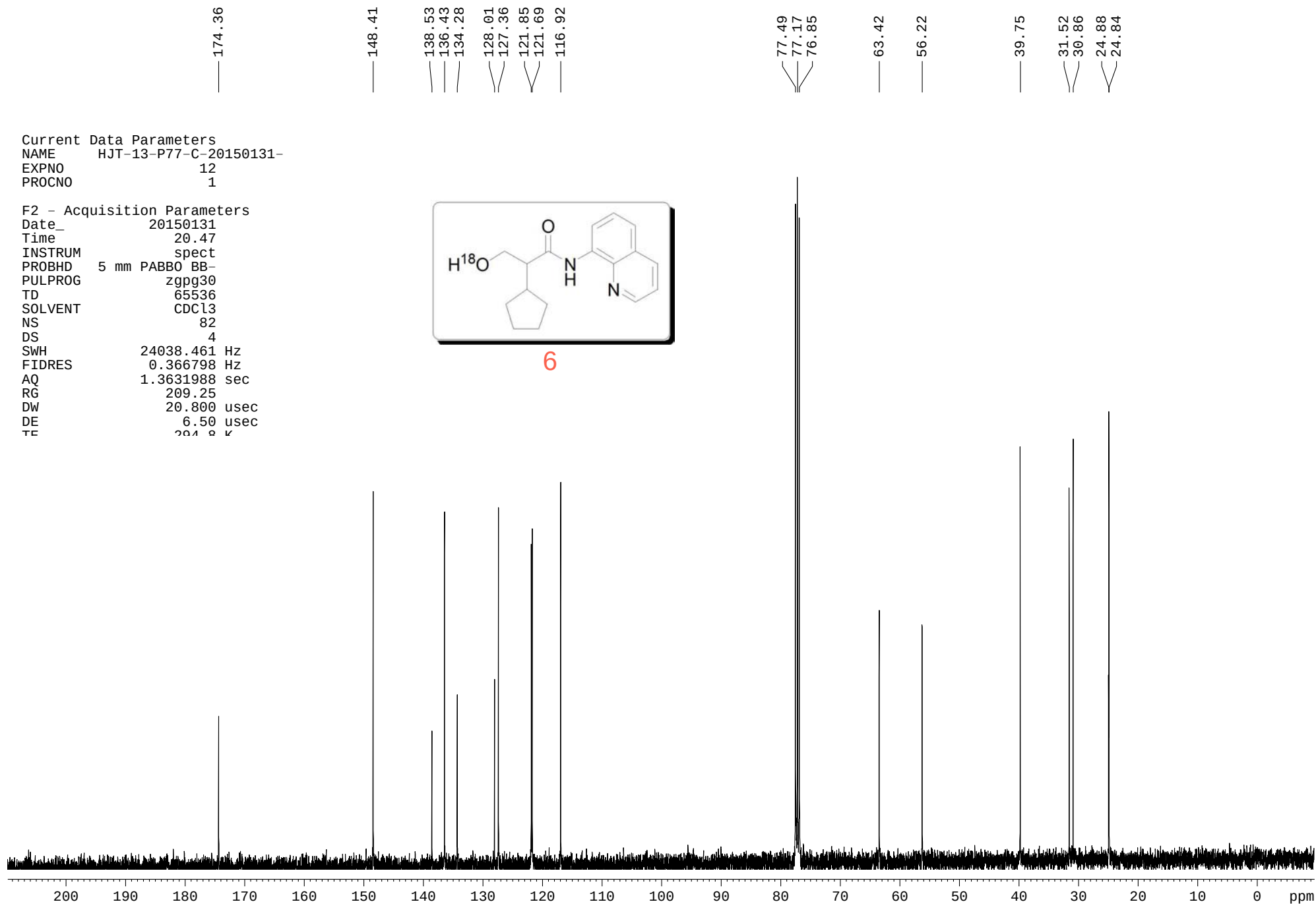


Current Data Parameters
NAME HJT-13-P77-C-20150131-
EXPNO 12
PROCNO 1

F2 - Acquisition Parameters
Date_ 20150131
Time 20.47
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 82
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.3631988 sec
RG 209.25
DW 20.800 usec
DE 6.50 usec
TE 294.2 K

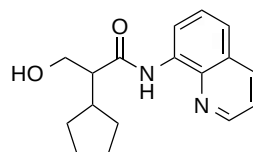
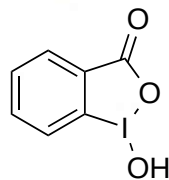


6



HJT-13-p185-R1 195 (2.112) Cm (192:203)

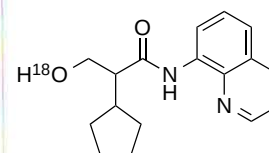
2: Scan ES+
6.50e7



3f

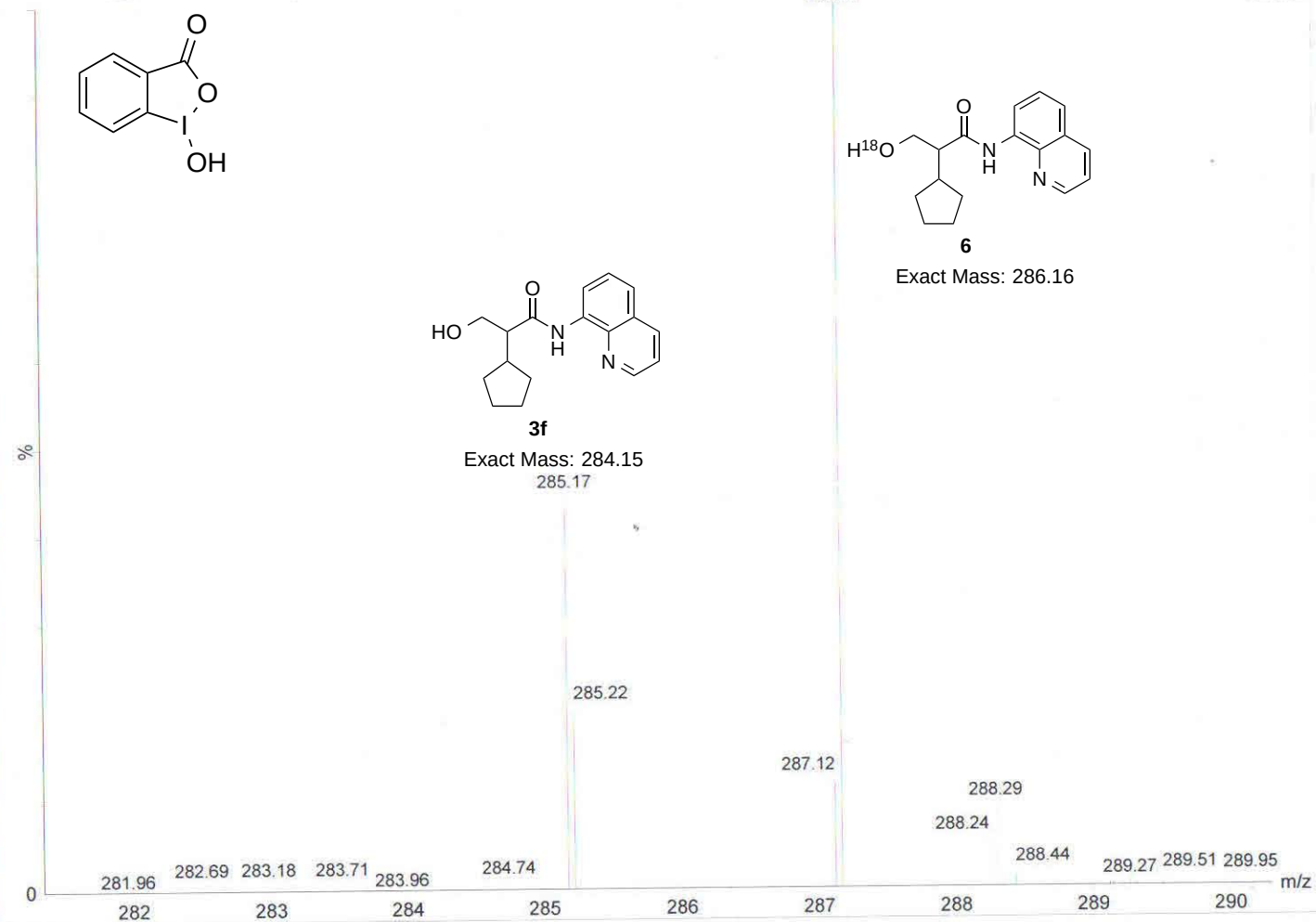
Exact Mass: 284.15

285.17



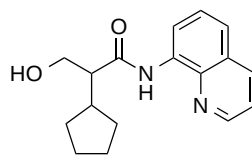
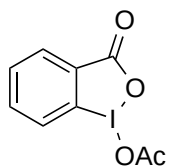
6

Exact Mass: 286.16



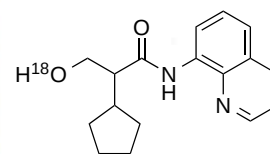
HJT-13-p185-R2 200 (2.166)

2: Scan ES+
6.17e7



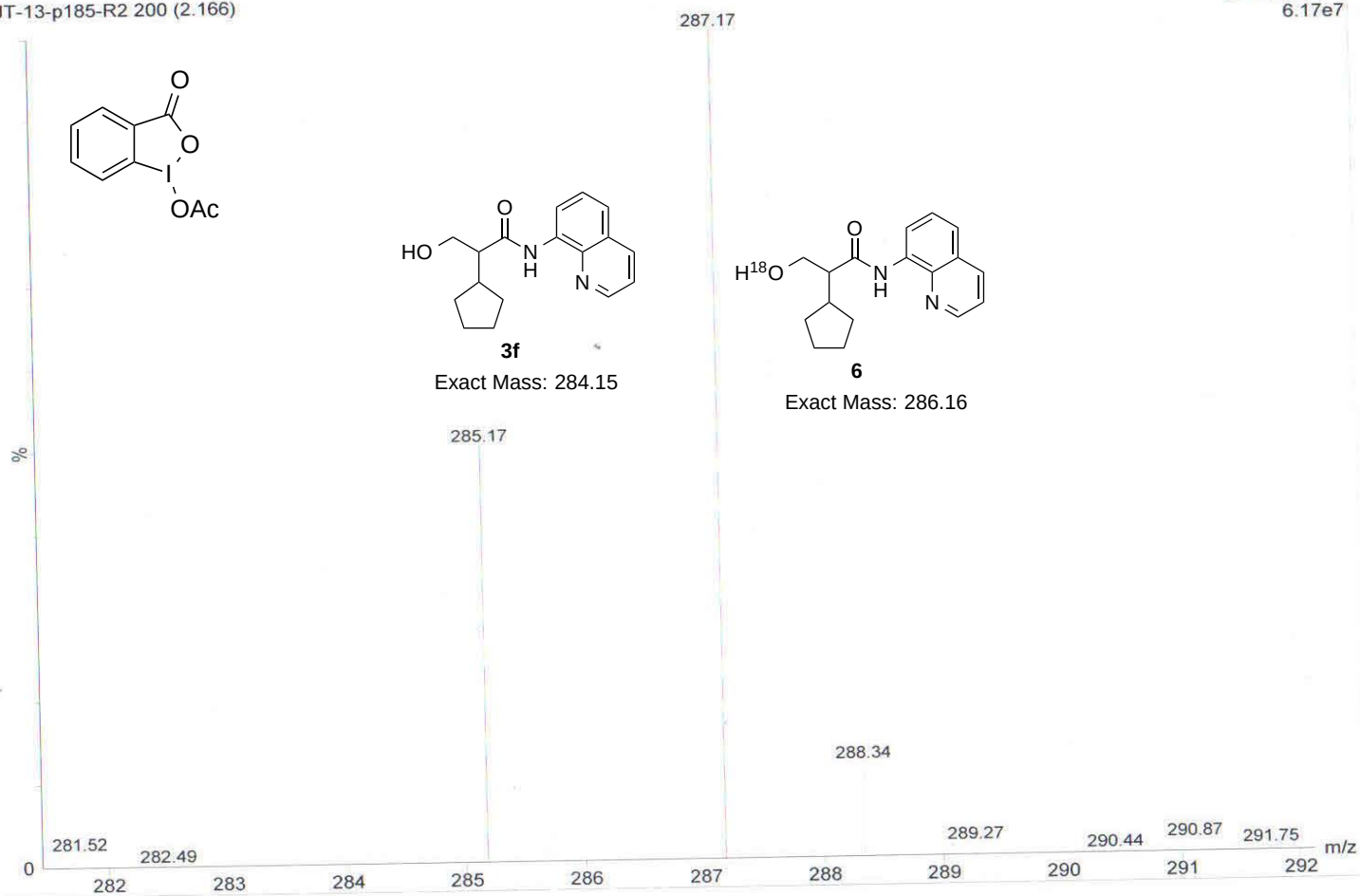
3f

Exact Mass: 284.15



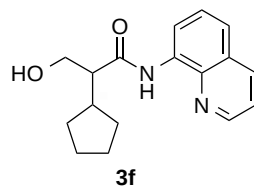
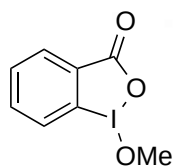
6

Exact Mass: 286.16

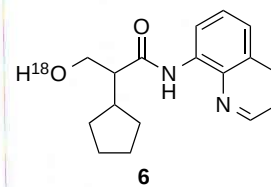


HJT-13-p185-R3 206 (2.231)

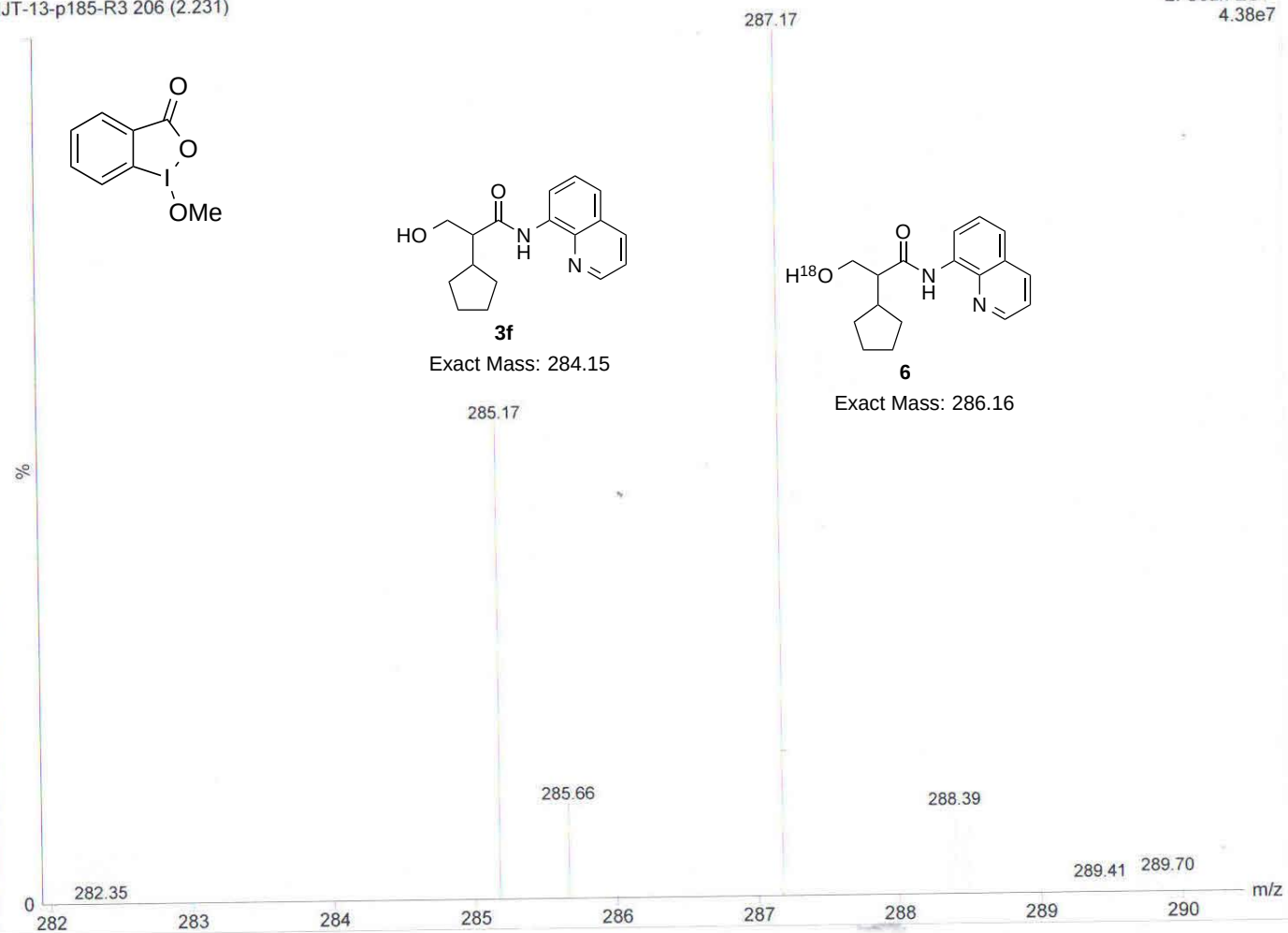
2: Scan ES+
4.38e7



Exact Mass: 284.15



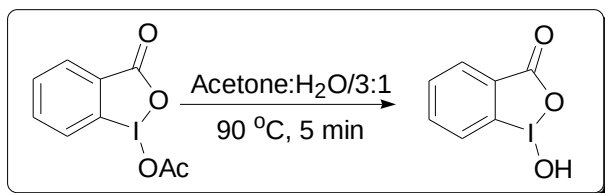
Exact Mass: 286.16



8.016
7.998
7.965
7.946
7.928
7.832
7.811
7.712
7.694
7.676

3.716

2.500
2.062
1.893



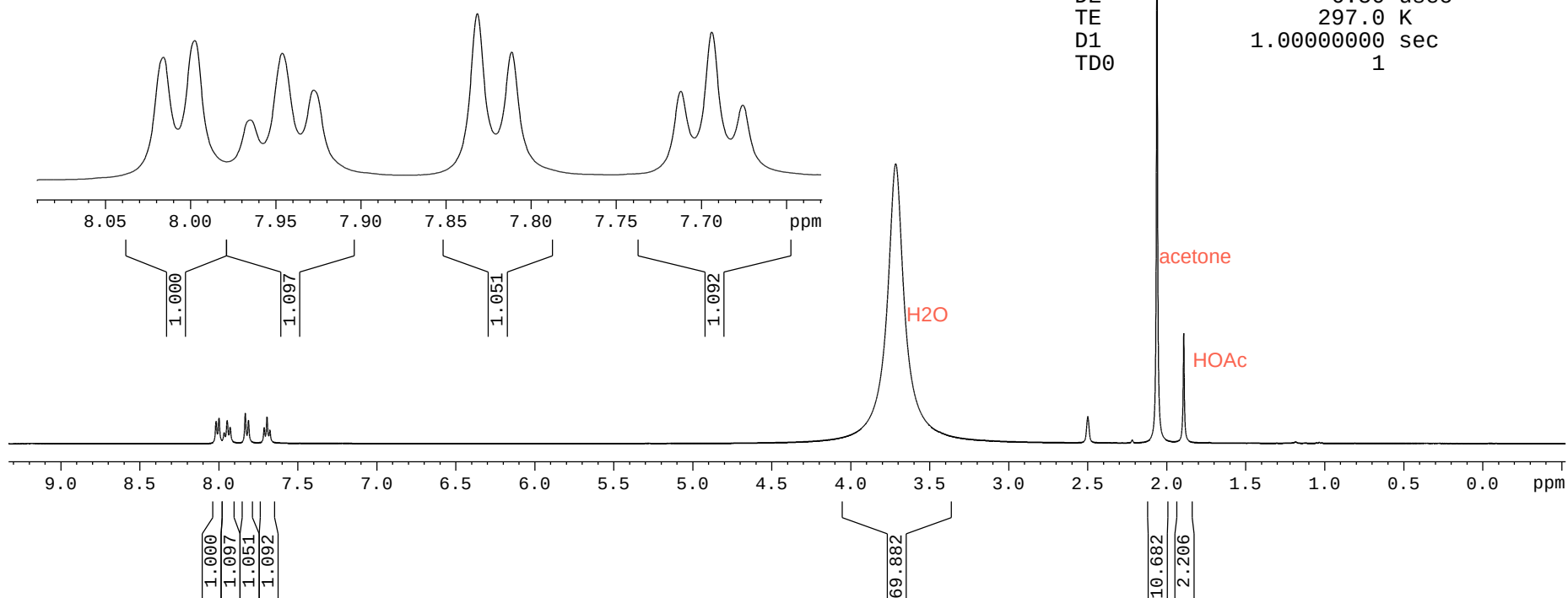
Current Data Parameters

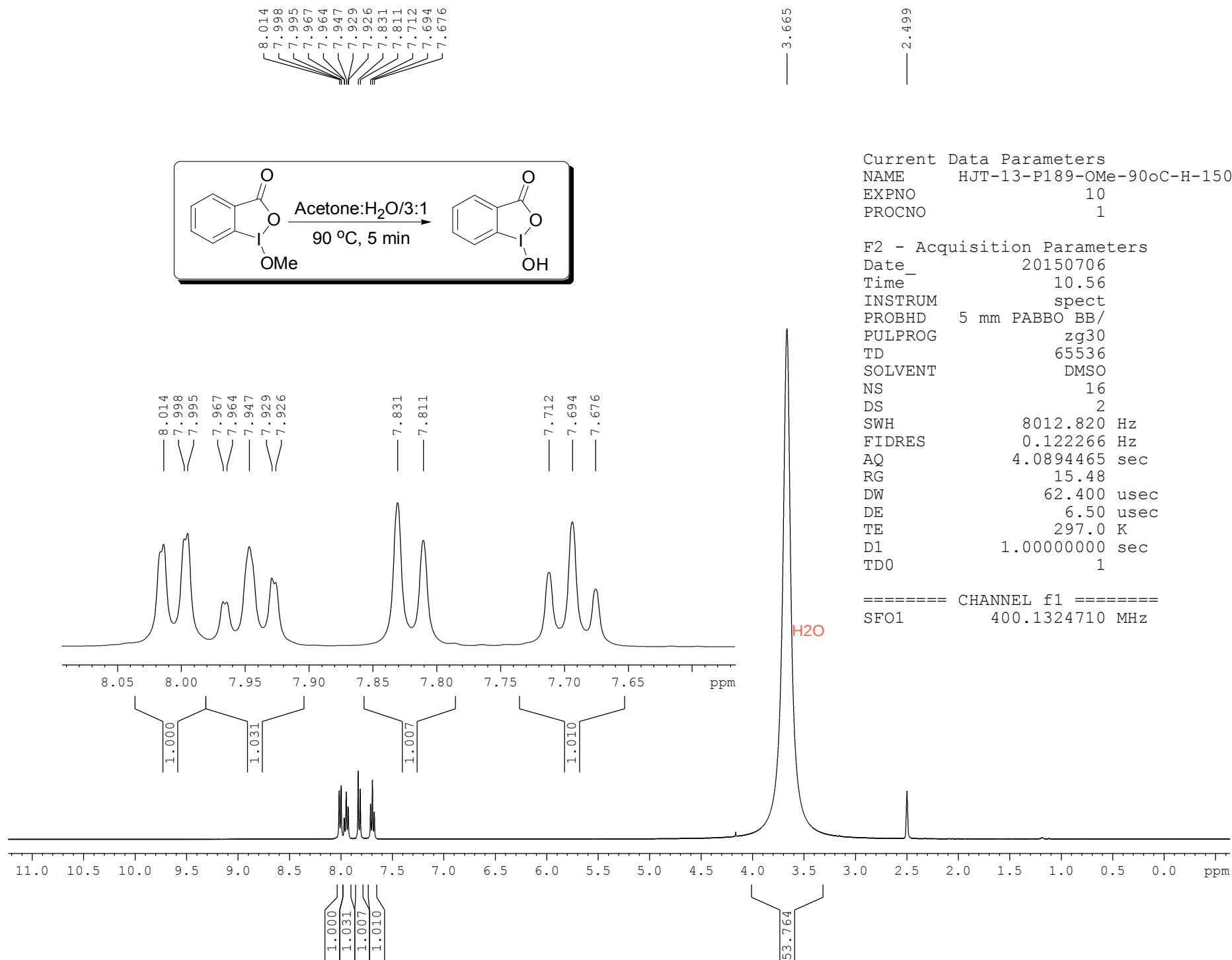
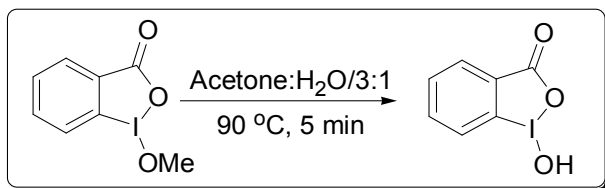
NAME HJT-13-P189-OAc-90oC-H-150706
EXPNO 10
PROCNO 1

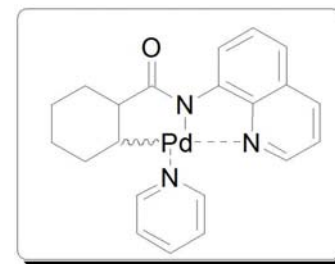
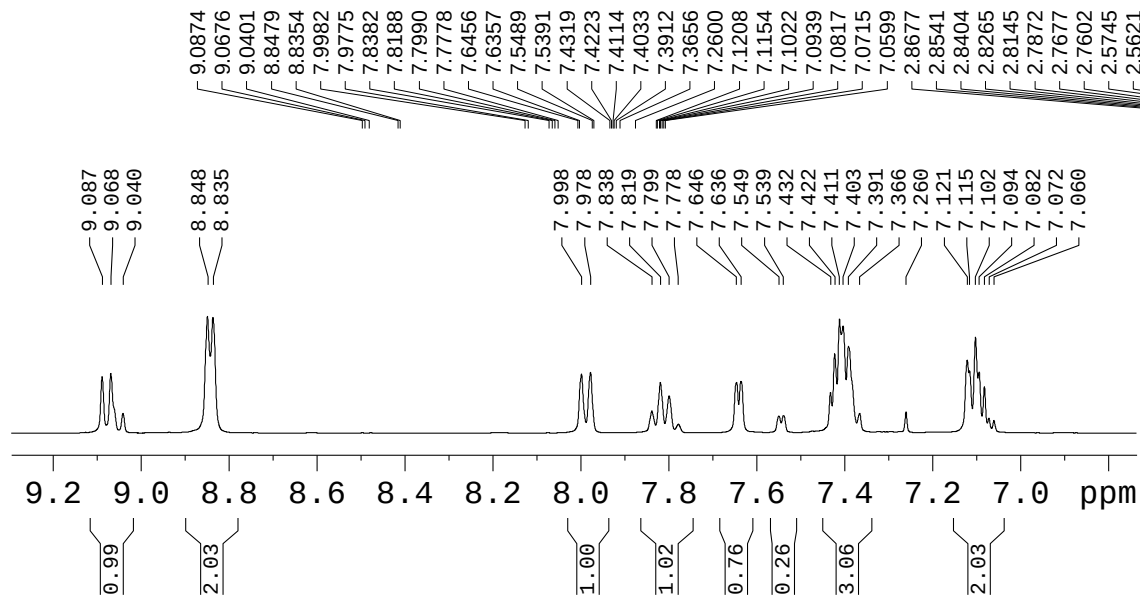
F2 - Acquisition Parameters

Date_ 20150706
Time 10.53
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zg30
TD 65536
SOLVENT DMSO
NS 10
DS 2
SWH 8012.820 Hz
FIDRES 0.122266 Hz
AQ 4.0894465 sec
RG 14.04
DW 62.400 usec
DE 6.50 usec
TE 297.0 K
D1 1.00000000 sec
TD0 1

8.016
7.998
7.965
7.946
7.928
7.832
7.811
7.712
7.694
7.676







7
cis:trans/3:1

Current Data Parameters
NAME HJT-13-P11-H-20141027-
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20141027
Time 9.35
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 16
DS 2
SWH 8223.685 Hz

