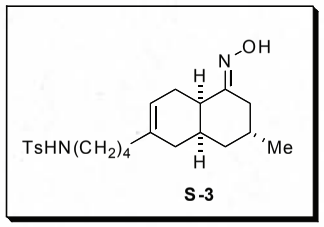
BN-2-15-2
CDCl3
H1 NMR

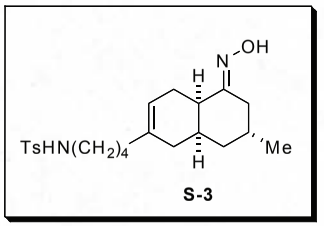


S-3

USER: guest -- DATE: Fri Apr 28 17:22:38 2006

F1: 499.934	F2: 1.000	SW1: 8013		OF1: 3479.2		PTS1d: 65536
EX:		PW: 11.5 usec	PD: 0.1 sec	NA: 8	LB: 0.1	WinNuts - $BN-3-15-2.1

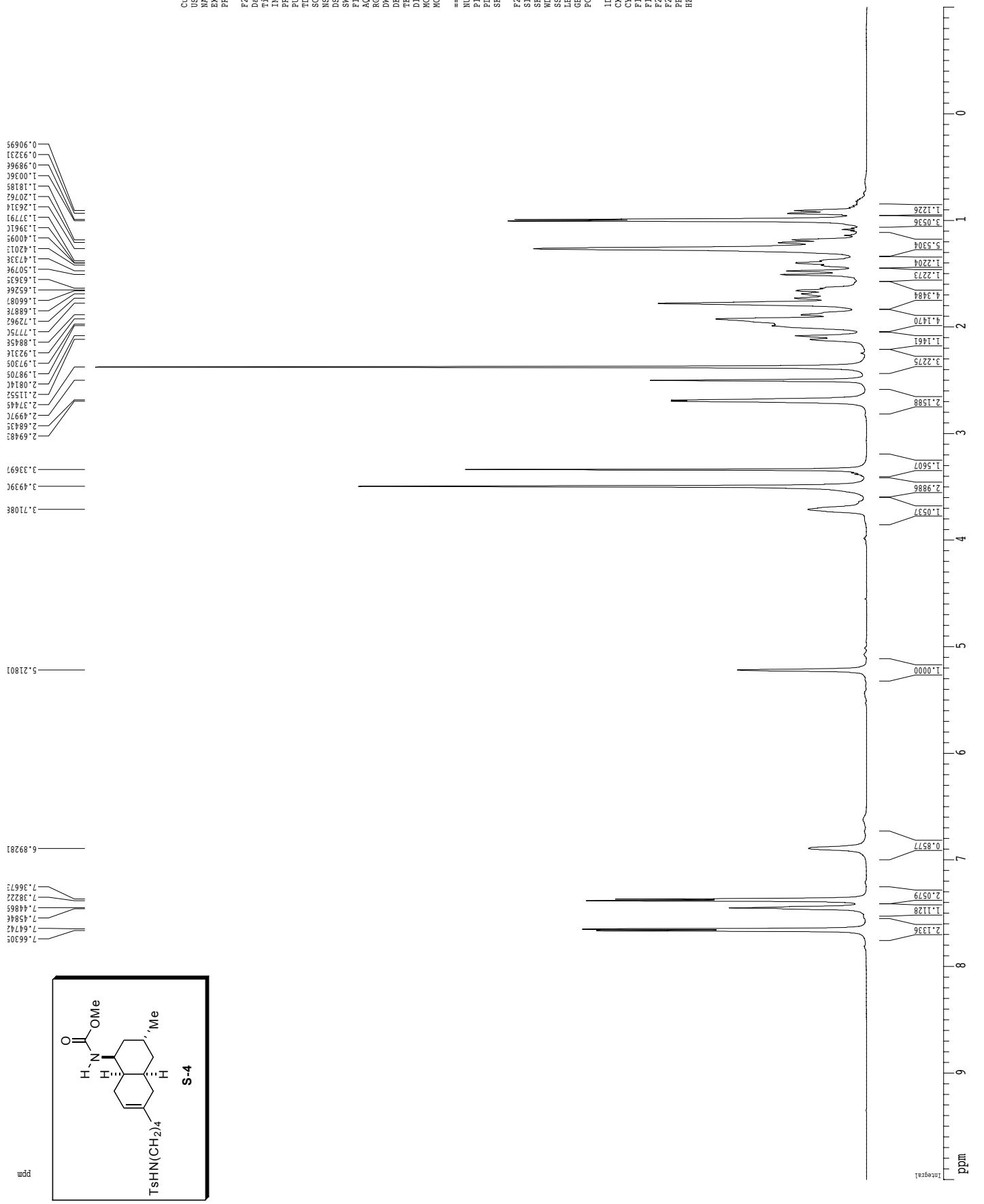
BN-3-15-2
CDCl3
C13 NMR



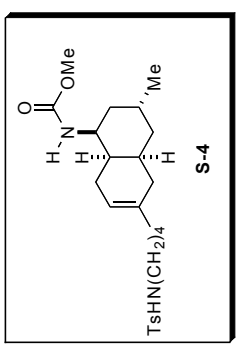
S-3

USER: nmrprd -- DATE: Sat Apr 29 15:11:18 2006

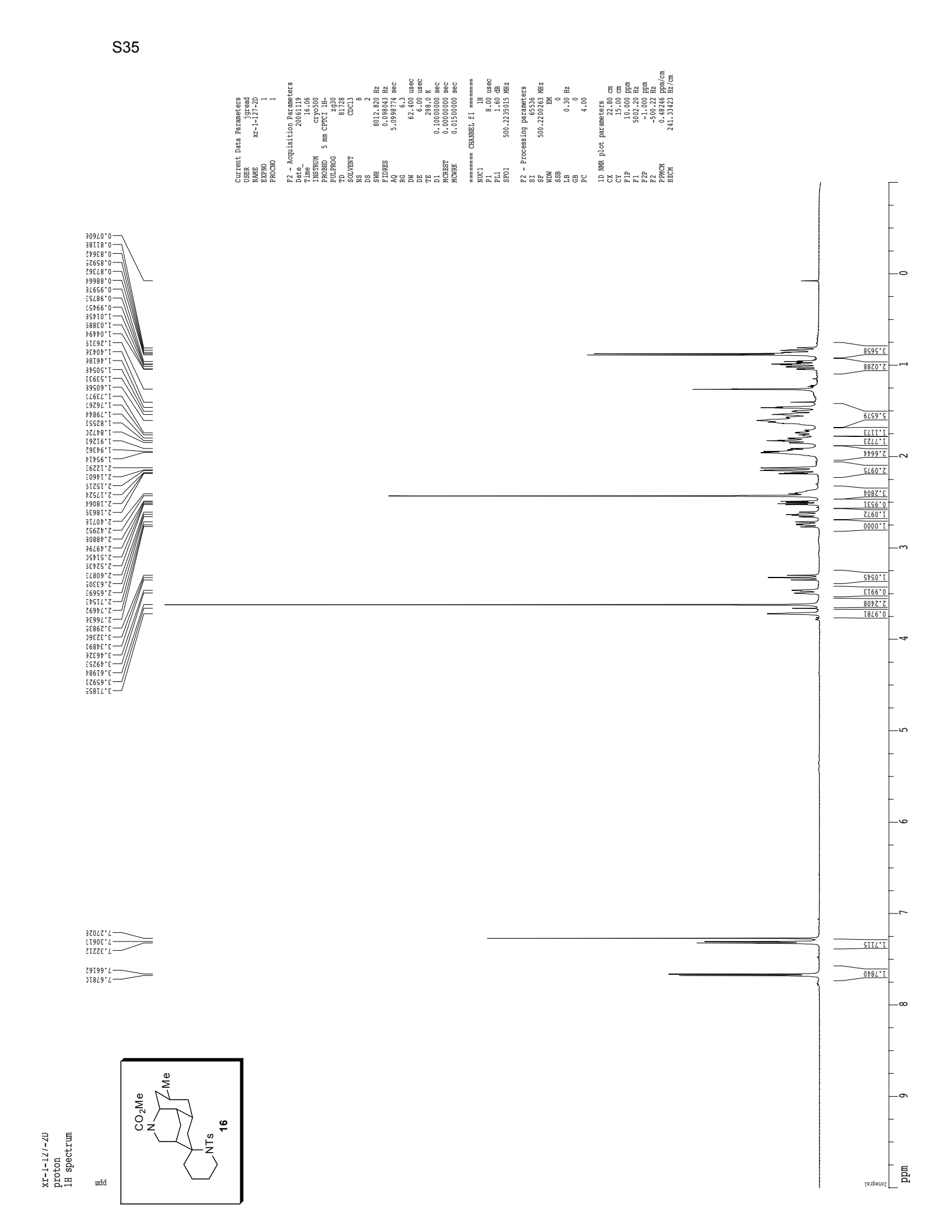
F1: 125.721	F2: 1.000	SW1: 30303		OF1: 13849.5		PTS1d: 65536	
EX:		PW: 7.0 usec	PD: 0.3 sec	NA: 273	LB: 2.0	WinNuts - $BN-3-15-2.1	


Current Data Parameters
USER jgtead
NAME xr-2-28'-new
EXPNO 7
PROCNO 1
F2 - Acquisition Parameters
Date_ 20080616
Time 17.31
INSTRUM cryo500
PROBHD 5 mm CPTCI 1H-
PULPROG zg30
TD 81728
SOLVENT CDCl3
NS 8
DS 2
SWH 8012.820 Hz
FIDRES 0.098043 Hz
AQ 5.0999390 sec
RG 71.8
DW 62.400 usec
DE 6.00 usec
TE 298.1 K
D1 0.10000000 sec
MCREST 0.00000000 sec
MCWRK 0.01500000 sec
======== CHANNEL f1 ========
NUC1 1H
P1 7.38 usec
PL1 1.60 dB
SFO1 500.2235015 MHz
F2 - Processing parameters
SI 65536
SF 500.2200122 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 4.00
1D NMR plot parameters
CX 22.80 cm
CY 15.00 cm
F1P 10.000 ppm
F1 5002.20 Hz
F2P -1.000 ppm
F2 -500.22 Hz
PPMCM 0.48246 ppm/cm
HZCM 241.33421 Hz/cm
TsHN(CH2)4
S-4
ppm
Integral

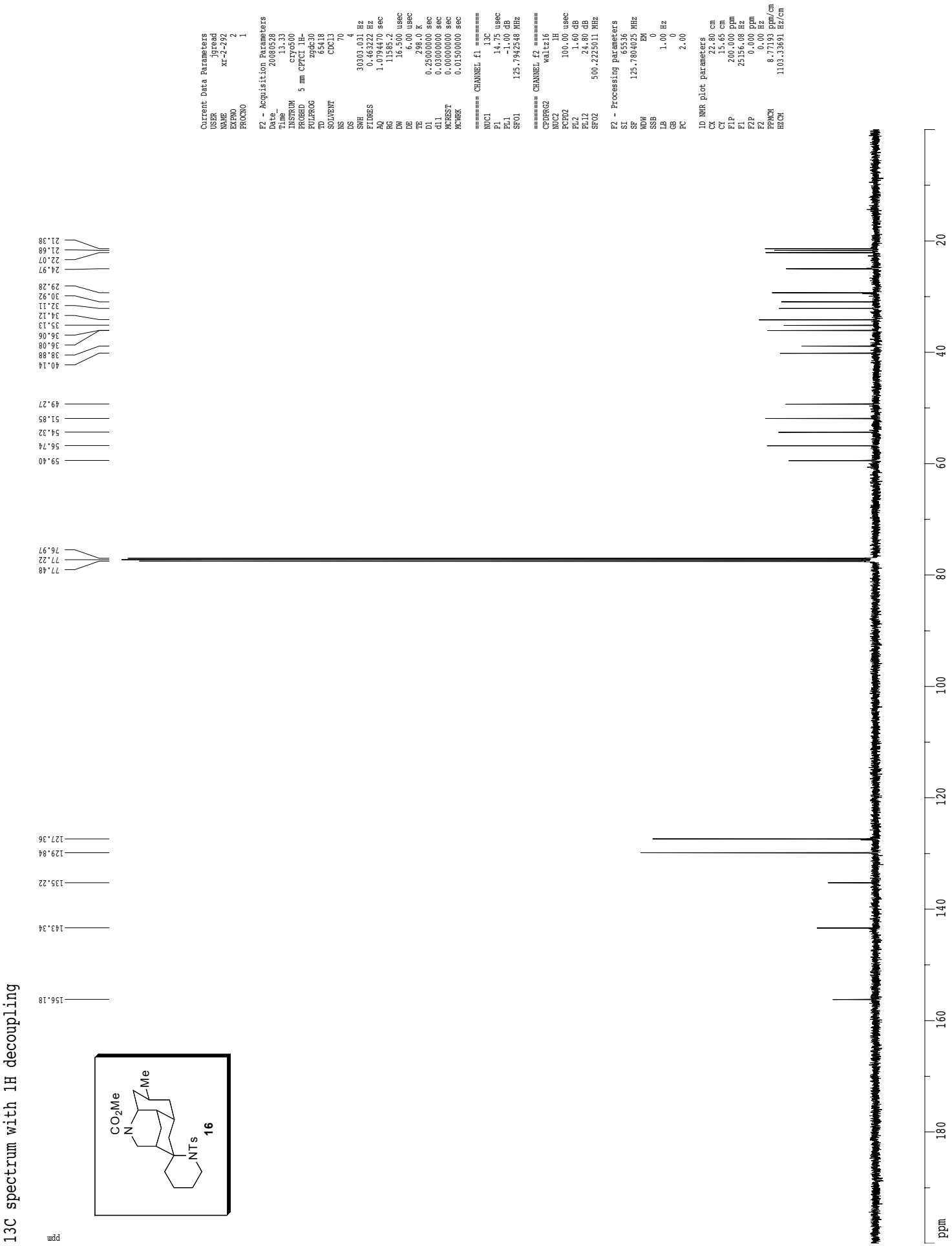
13C spectrum with 1H decoupling

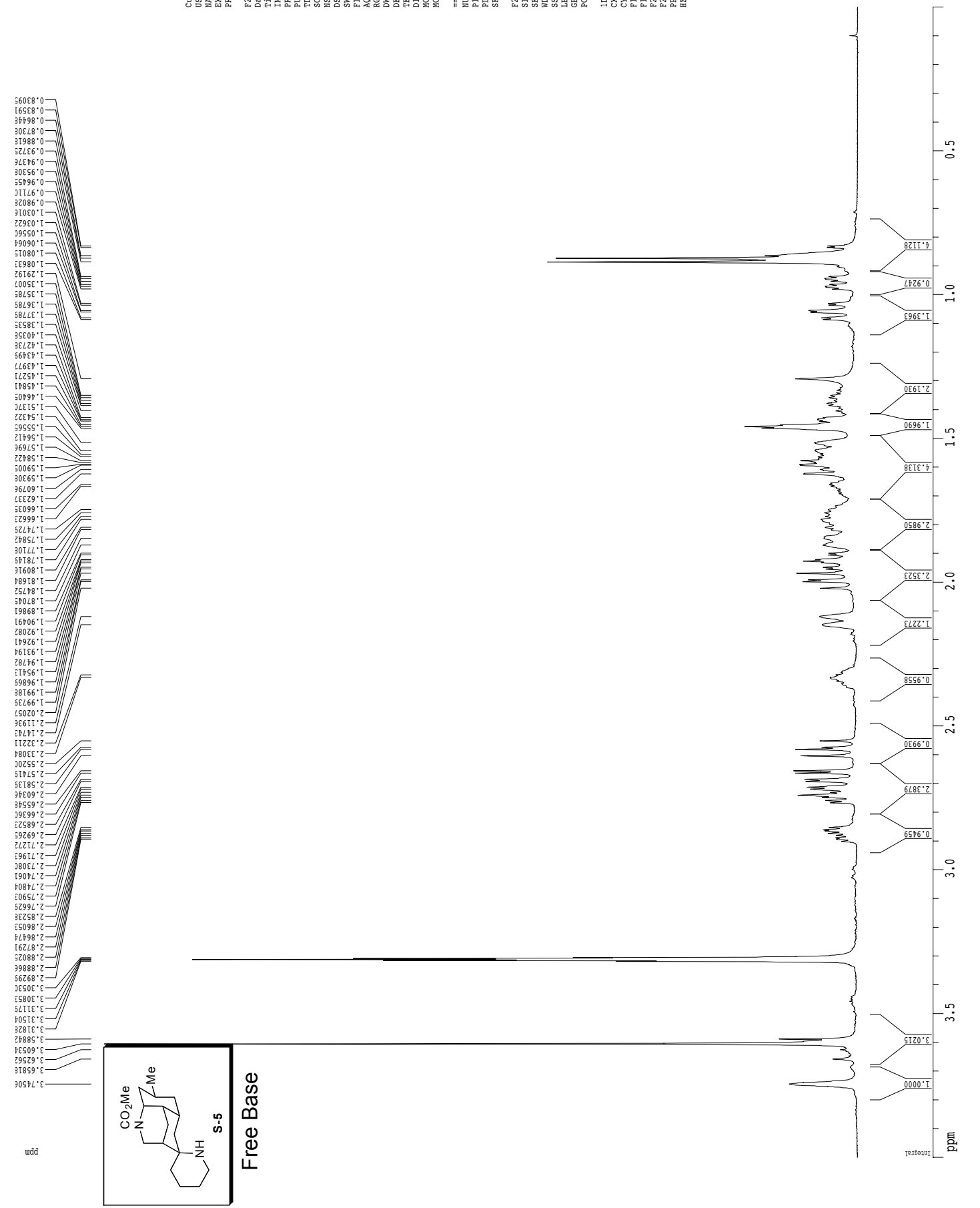


Spectrum obtained at 323 ºK

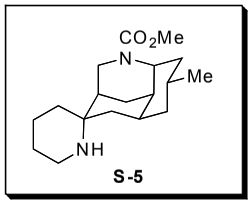

Current Data Parameters
USER jgread
NAME xr-1-127-2D
EXPNO 1
PROCNO 1
F2 - Acquisition Parameters
Date_ 20061119
Time_ 16.06
INSTRUM cryo500
PROBHD 5 mm CPTCI 1H-
PULPROG zg30
TD 81728
SOLVENT CDCl3
NS 8
DS 2
SWH 8012.820 Hz
FIDRES 0.098043 Hz
AQ 5.0998774 sec
RG 6.3
DW 62.400 usec
DE 6.00 usec
TE 298.0 K
D1 0.10000000 sec
MCREST 0.00000000 sec
MCWRK 0.01500000 sec
======== CHANNEL f1 ========
NUC1 1H
P1 8.00 usec
PL1 1.60 dB
SFO1 500.2235015 MHz
F2 - Processing parameters
SI 65536
SF 500.2200263 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 4.00
1D NMR plot parameters
CX 22.80 cm
CY 15.00 cm
F1P 10.000 ppm
F1 5002.20 Hz
F2P -1.000 ppm
F2 -500.22 Hz
PPMCM 0.48246 ppm/cm
HZCM 241.33423 Hz/cm
0.07606
0.81188
0.83642
0.85925
0.87362
0.88664
0.95976
0.98753
0.99457
1.01456
1.03889
1.04494
1.26315
1.40436
1.46186
1.50546
1.53931
1.60566
1.73971
1.76267
1.79844
1.82551
1.84726
1.91261
1.94362
1.95414
2.12293
2.14603
2.15219
2.17524
2.18064
2.18635
2.40716
2.42952
2.48806
2.49796
2.51456
2.52435
2.60873
2.63309
2.65693
2.71543
2.74692
2.76636
3.29835
3.32360
3.34891
3.46326
3.49253
3.61984
3.65921
3.71859
7.27028
7.30617
7.32212
7.66162
7.67816
3.5658
2.0288
5.6579
1.1173
1.7723
2.6644
2.0975
3.2804
0.9531
1.0972
1.0000
1.0545
0.9913
2.2408
0.9781
1.7115
1.7840
Integral
ppm
0
1
2
3
4
5
6
7
8
9
ppm
xr-1-127-2D
proton
1H spectrum
CO2Me
N
Me
NTs
16

13C spectrum with 1H decoupling




Current Data Parameters
USER jgtead
NAME xz-2-293-MeOD-1
EXPNO 1
PROCNO 1
F2 - Acquisition Parameters
Date_ 20080604
Time 8.03
INSTRUM qn500
PROBHD 5 mm broadband
PULPROG zg30
TD 81728
SOLVENT CDCl3
NS 8
DS 2
SWH 8012.820 Hz
FIDRES 0.098043 Hz
AQ 5.0998774 sec
RG 181
DW 62.400 usec
DE 6.00 usec
TE 298.0 K
D1 0.10000000 sec
MCREST 0.00000000 sec
MCWRK 0.01500000 sec
======== CHANNEL f1 ========
NUC1 1H
P1 12.00 usec
PL1 -3.00 dB
SFO1 499.8284988 MHz
F2 - Processing parameters
SI 65536
SF 499.8250175 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 4.00
1D NMR plot parameters
CX 22.80 cm
CY 15.00 cm
F1P 4.000 ppm
F1 1999.30 Hz
F2P 0.000 ppm
F2 0.00 Hz
PPMCM 0.17544 ppm/cm
HZCM 87.68860 Hz/cm
CO2Me
N
Me
NH
S-5
Free Base
ppm
Integral
1.0000
3.0215
0.9459
2.3879
0.9930
2.5558
1.2273
2.3523
2.9850
4.3138
1.9690
2.1930
1.3963
0.9247
4.1128
0.5
1.0
1.5
2.0
2.5
3.0
3.5

13C spectrum with 1H decoupling



Free Base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Current Data Parameters
USER                jgread
NAME      xr-2-293-MeOD-2
EXPNO                     1
PROCNO                    1

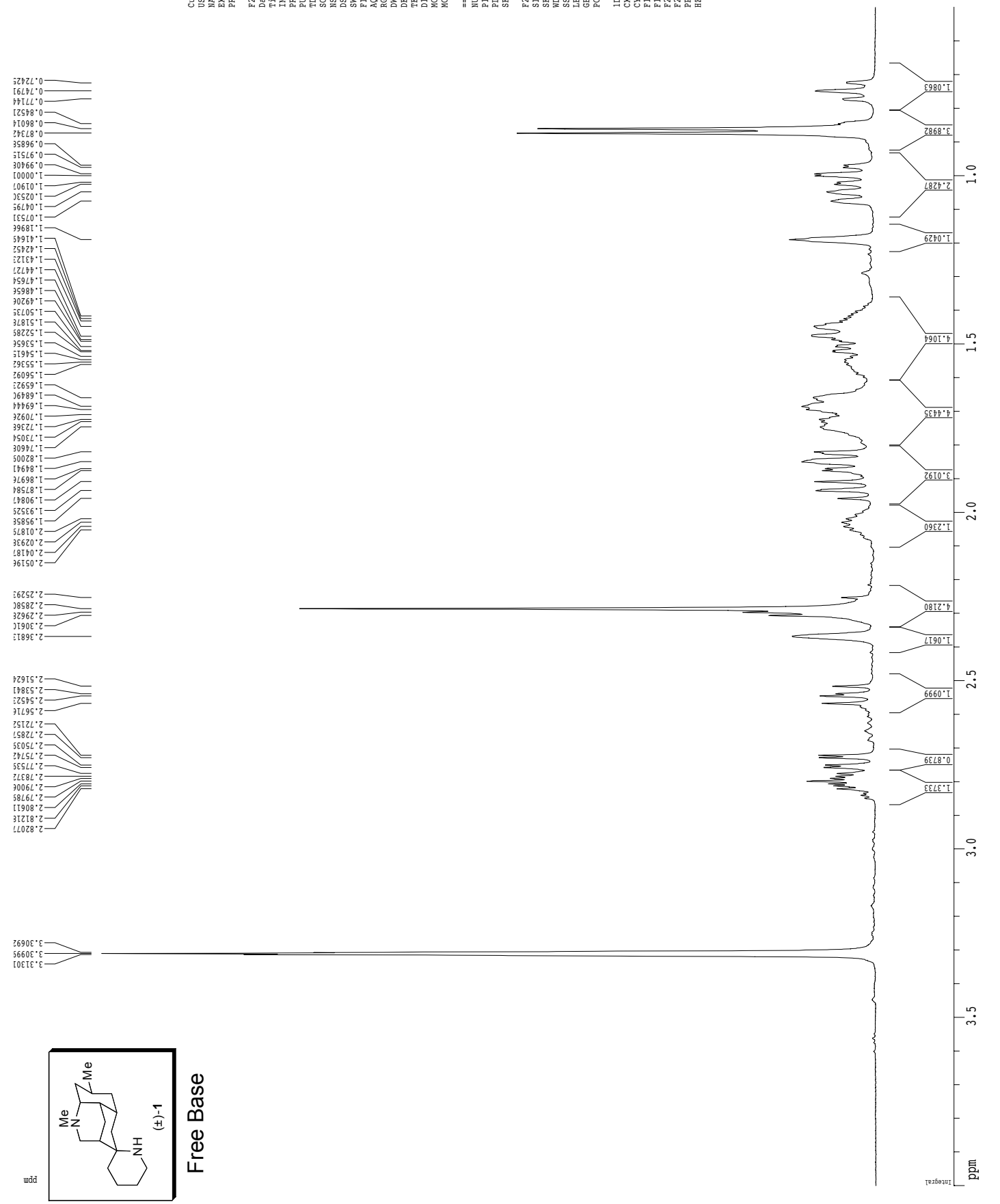
F2 - Acquisition Parameters
Date_              20080604
Time                   8.30
INSTRUM            cryo500
PROBHD   5 mm CPTCI 1H-
PULPROG             zgdc30
TD                   65418
SOLVENT              CDCl3
NS                     634
DS                       4
SWH             30303.031 Hz
FIDRES           0.463222 Hz
AQ               1.0794470 sec
RG                 11585.2
DW                 16.500 usec
DE                  6.00 usec
TE                 298.0 K
D1              1.00000000 sec
d11             0.03000000 sec
MCREST          0.00000000 sec
MCWRK           0.01500000 sec

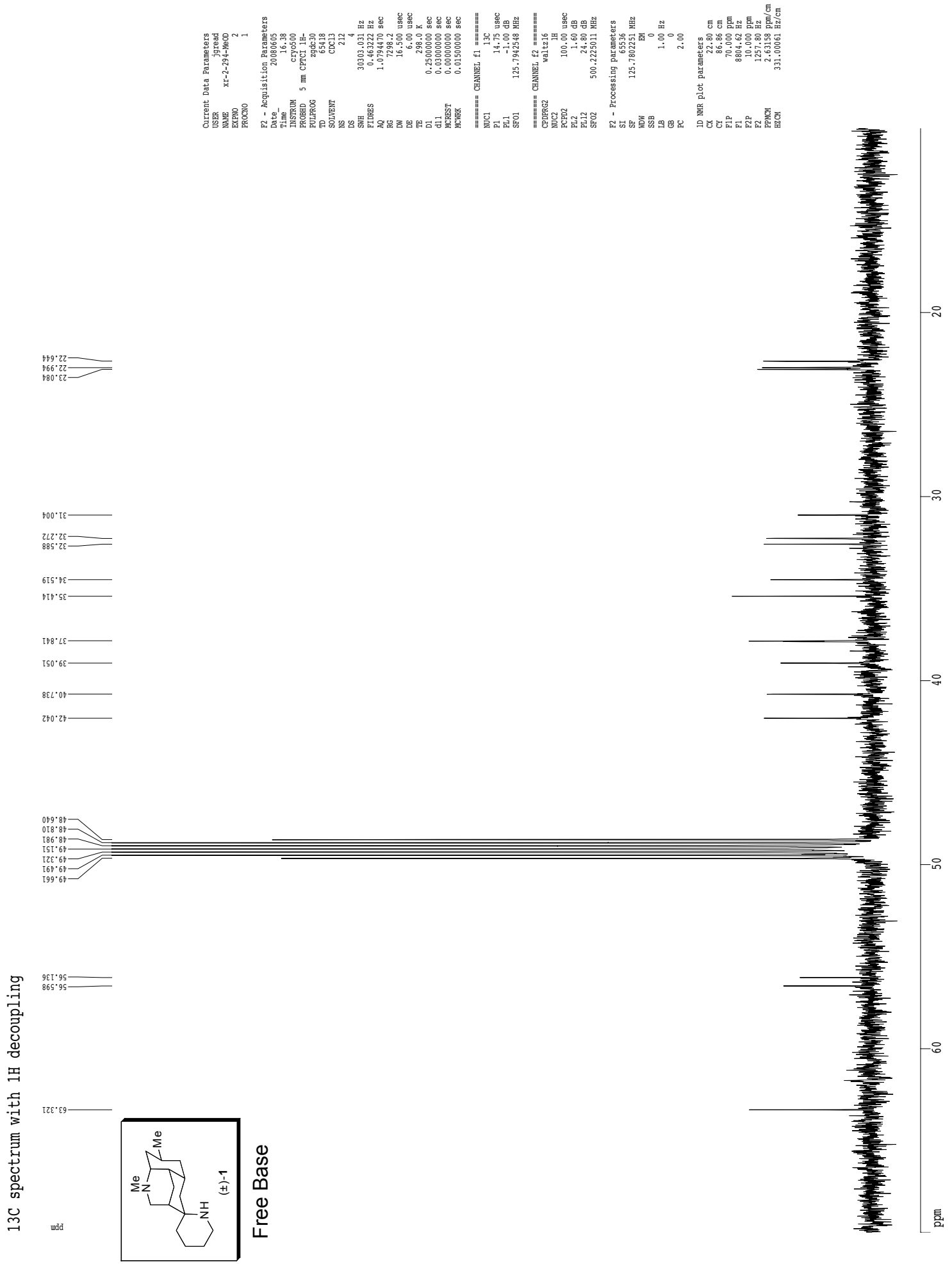
======== CHANNEL f1 ========
NUC1                   13C
P1                  14.75 usec
PL1                 -1.00 dB
SFO1          125.7942548 MHz

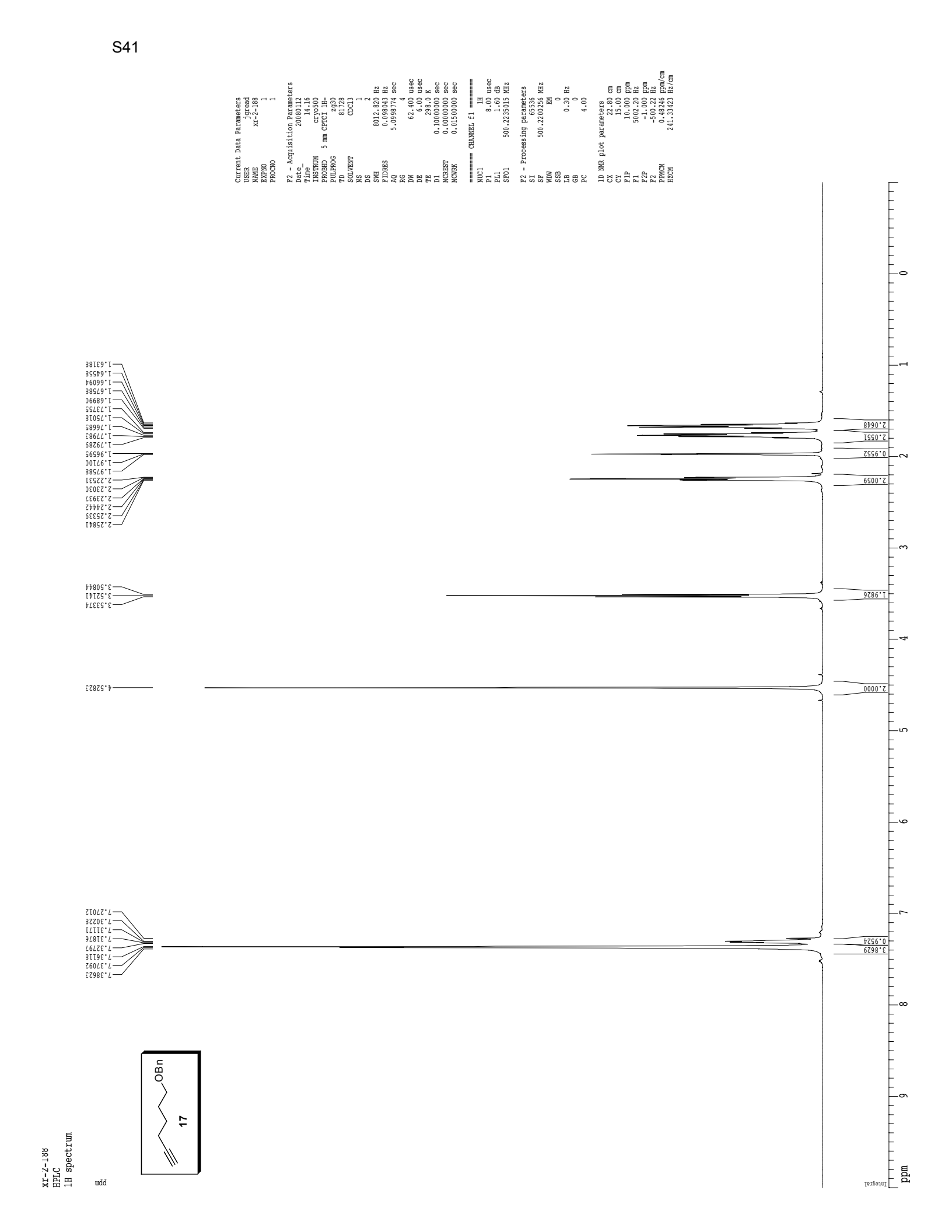
======== CHANNEL f2 ========
CPDPRG2            waltz16
NUC2                   1H
PCPD2              100.00 usec
PL2                  1.60 dB
PL12                24.80 dB
SFO2          500.2225011 MHz

F2 - Processing parameters
SI                   65536
SF            125.7802260 MHz
WDW                     EM
SSB                      0
LB                    1.00 Hz
GB                       0
PC                    2.00

1D NMR plot parameters
CX                   22.80 cm
CY                  256.20 cm
F1P                200.000 ppm
F1               25156.04 Hz
F2P                  0.000 ppm
F2                   0.00 Hz
PPMCM             8.77193 ppm/cm
HZCM           1103.33533 Hz/cm
```

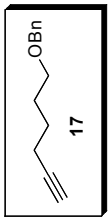

Current Data Parameters
USER jgread
NAME xr-2-294-MeOD
EXPNO 1
PROCNO 1
F2 - Acquisition Parameters
Date_ 20080605
Time 16.34
INSTRUM cryo500
PROBHD 5 mm CPTCI 1H-
PULPROG zg30
TD 81728
SOLVENT CD3OD
NS 8
DS 2
SWH 8012.820 Hz
FIDRES 0.098043 Hz
AQ 5.0998774 sec
RG 20.2
DW 62.400 usec
DE 6.00 usec
TE 298.0 K
D1 0.10000000 sec
MCREST 0.00000000 sec
MCWRK 0.01500000 sec
======== CHANNEL f1 ========
NUC1 1H
P1 7.38 usec
PL1 1.60 dB
SFO1 500.2235015 MHz
F2 - Processing parameters
SI 65536
SF 500.2200108 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 4.00
1D NMR plot parameters
CX 22.80 cm
CY 15.00 cm
F1P 4.000 ppm
F2P 0.500 ppm
F1 2000.88 Hz
F2 250.11 Hz
PPMCM 0.15351 ppm/cm
HZCM 76.78816 Hz/cm
3.3130
3.3099
3.3069
2.8207
2.8121
2.8061
2.7978
2.7900
2.7837
2.7574
2.7503
2.7285
2.7215
2.5671
2.5452
2.5384
2.5162
2.3681
2.3061
2.2962
2.2858
2.2529
2.0519
2.0418
2.0293
2.0187
1.9585
1.9352
1.9084
1.8758
1.8694
1.8494
1.8200
1.7460
1.7305
1.7236
1.7092
1.6944
1.6849
1.6592
1.5946
1.5546
1.5365
1.5228
1.5187
1.5073
1.4920
1.4865
1.4765
1.4472
1.4312
1.4245
1.4164
1.1896
1.0753
1.0479
1.0253
1.0190
1.0000
0.9940
0.9751
0.9685
0.8734
0.8601
0.8452
0.7714
0.7479
0.7242
1.0863
3.8982
2.4287
1.0429
4.1064
4.4435
3.0192
1.2360
4.2180
1.0617
1.0999
0.8739
1.3733
Integral
ppm
Me
N
Me
NH
(±)-1
Free Base
ppm


13C spectrum with 1H decoupling
Free Base
(±)-1
Me
N
Me
NH
ppm
Current Data Parameters
USER jgread
NAME xr-2-294-MeOD
EXPNO 2
PROCNO 1
F2 - Acquisition Parameters
Date_ 20080605
Time_ 16.38
INSTRUM cryo500
PROBHD 5 mm CPTCI 1H-
PULPROG zgdc30
TD 65418
SOLVENT CDCl3
NS 212
DS 4
SWH 30303.031 Hz
FIDRES 0.463222 Hz
AQ 1.0794470 sec
RG 7298.2
DW 16.500 usec
DE 6.00 usec
TE 298.0 K
D1 0.25000000 sec
D11 0.03000000 sec
MCREST 0.00000000 sec
MCWRK 0.01500000 sec
======== CHANNEL f1 ========
NUC1 13C
P1 14.75 usec
PL1 -1.00 dB
SFO1 125.7942548 MHz
======== CHANNEL f2 ========
CPDPRG2 waltz16
NUC2 1H
PCPD2 100.00 usec
PL2 1.60 dB
PL12 24.80 dB
SFO2 500.2225011 MHz
F2 - Processing parameters
SI 65536
SF 125.7802251 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 2.00
1D NMR plot parameters
CX 22.80 cm
CY 86.86 cm
F1P 70.000 ppm
F1 8804.62 Hz
F2P 10.000 ppm
F2 1257.80 Hz
PPMCM 2.63158 ppm/cm
HZCM 331.00061 Hz/cm
63.321
56.598
56.136
49.661
49.491
49.321
49.151
48.981
48.810
48.640
42.042
40.738
39.051
37.841
35.414
34.519
32.588
32.272
31.004
23.084
22.994
22.644
60
50
40
30
20

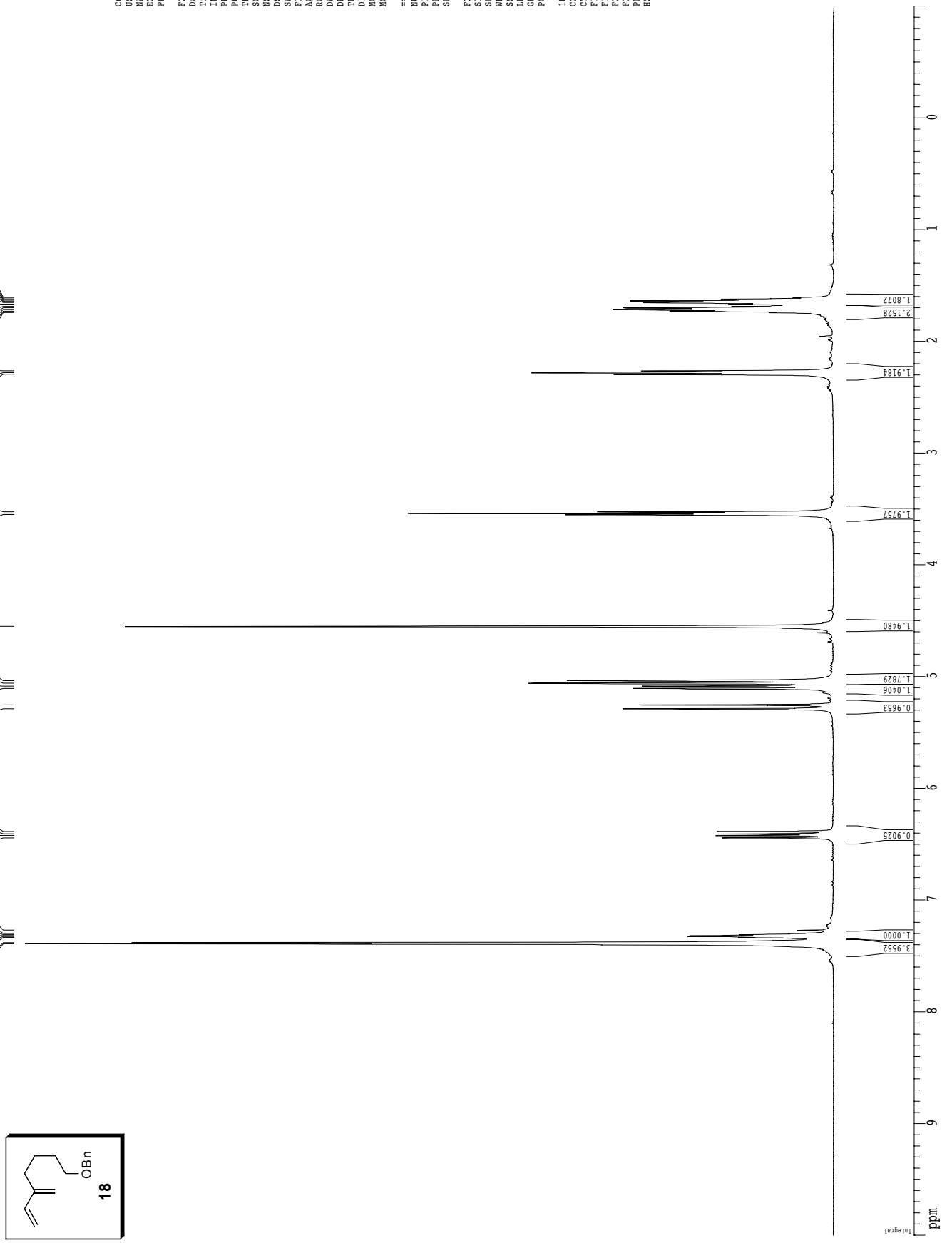


xr-2-188
HPLC
1H spectrum

13C spectrum with 1H decoupling



1H spectrum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USER jgread
NAME xr-2-191-EPZC
EXPNO 1
PROCNO 1
F2 - Acquisition Parameters
Date_ 20080117
Time_ 14.34
INSTRUM cryo500
PROBHD 5 mm CPTCI 1H-
PULPROG zg30
TD 81728
SOLVENT CDCl3
NS 1
DS 2
SWH 8012.820 Hz
FIDRES 0.098043 Hz
AQ 5.0998774 sec
RG 3.2
DW 62.400 usec
DE 6.00 usec
TE 298.0 K
D1 0.10000000 sec
MCREST 0.00000000 sec
MCWRK 0.01500000 sec
======== CHANNEL f1 ========
NUC1 1H
P1 8.00 usec
PL1 1.60 dB
SFO1 500.2235015 MHz
F2 - Processing parameters
SI 65536
SF 500.2200251 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 4.00
1D NMR plot parameters
CX 22.80 cm
CY 15.000 cm
F1P 10.000 ppm
F1 5002.20 Hz
F2P -1.000 ppm
F2 -500.22 Hz
PPMCM 0.48246 ppm/cm
HZCM 241.33423 Hz/cm
7.39105
7.38211
7.33472
7.32646
7.31795
7.30948
7.30077
7.27037
6.44336
6.42173
6.40814
6.38656
5.28853
5.25323
5.10689
5.08516
5.05951
5.03666
4.55114
3.55121
3.53876
3.52551
2.94664
2.79594
2.76443
1.74224
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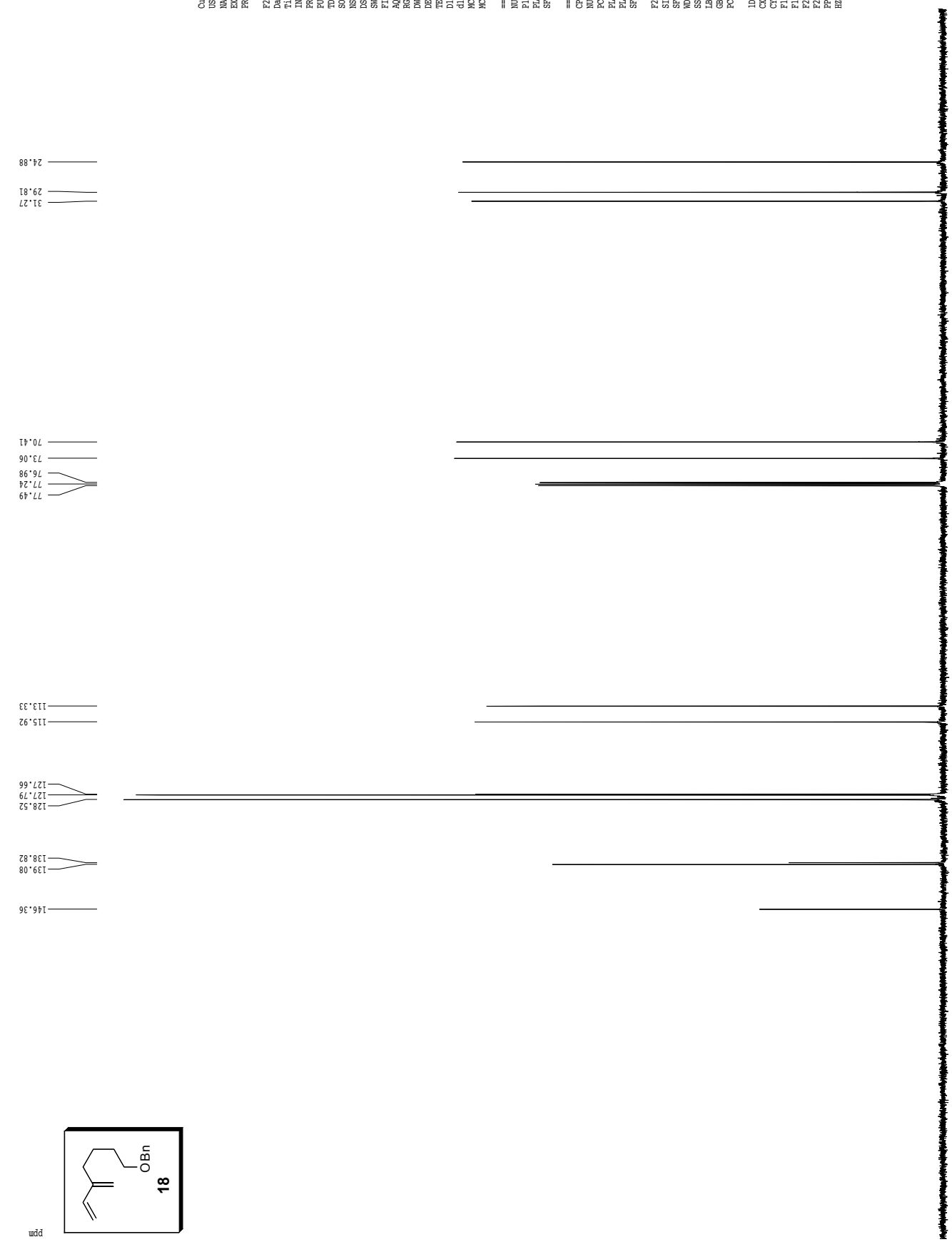
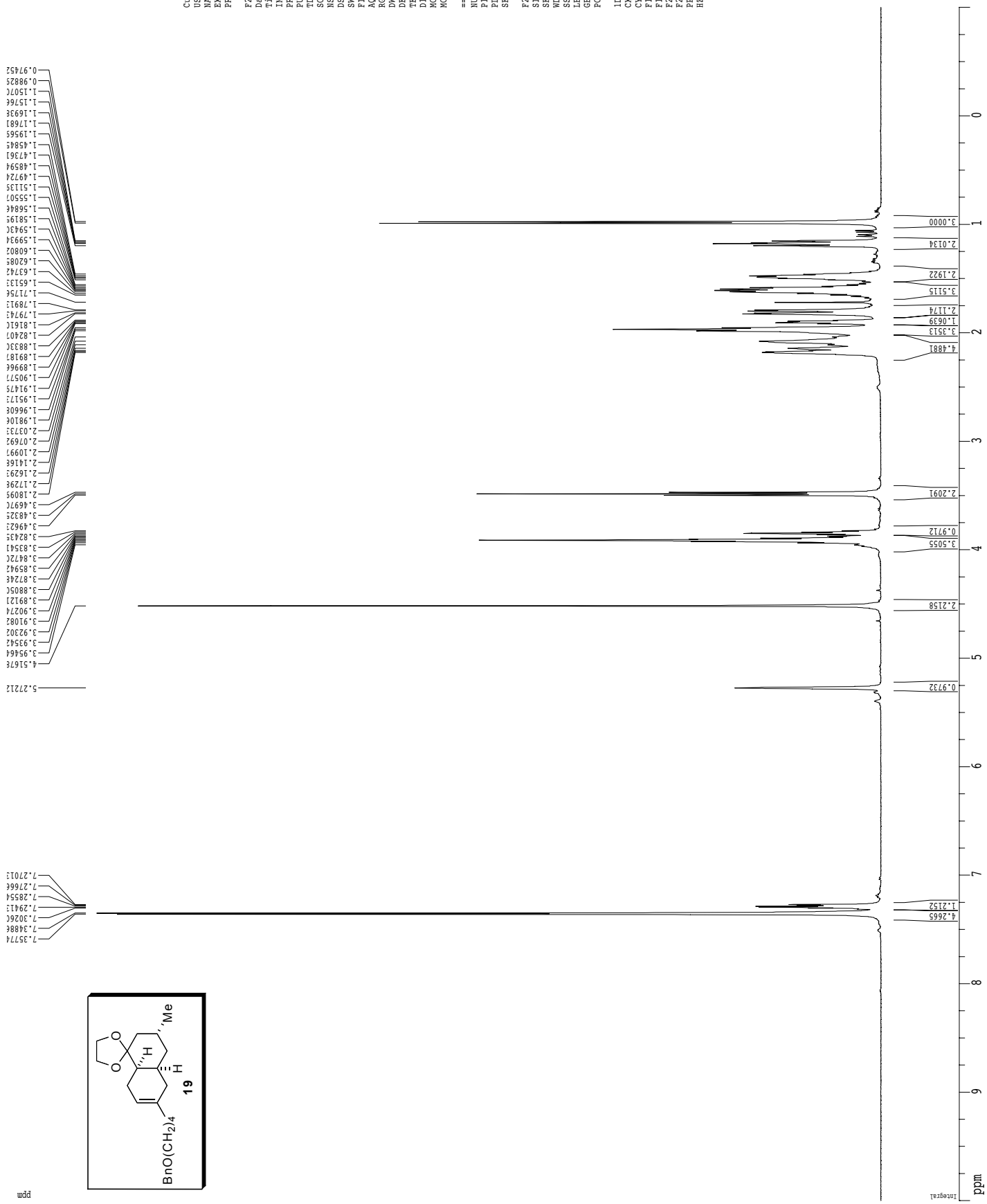
1.68776
1.66711
1.65210
1.64494
1.63815
1.62786
1.62104
1.60867
3.9552
1.0000
0.9025
0.9653
1.0406
1.7829
1.9480
1.9757
1.9184
2.1528
1.8072
ppm
Integral
OBn
18

13C spectrum with 1H decoupling



1H spectrum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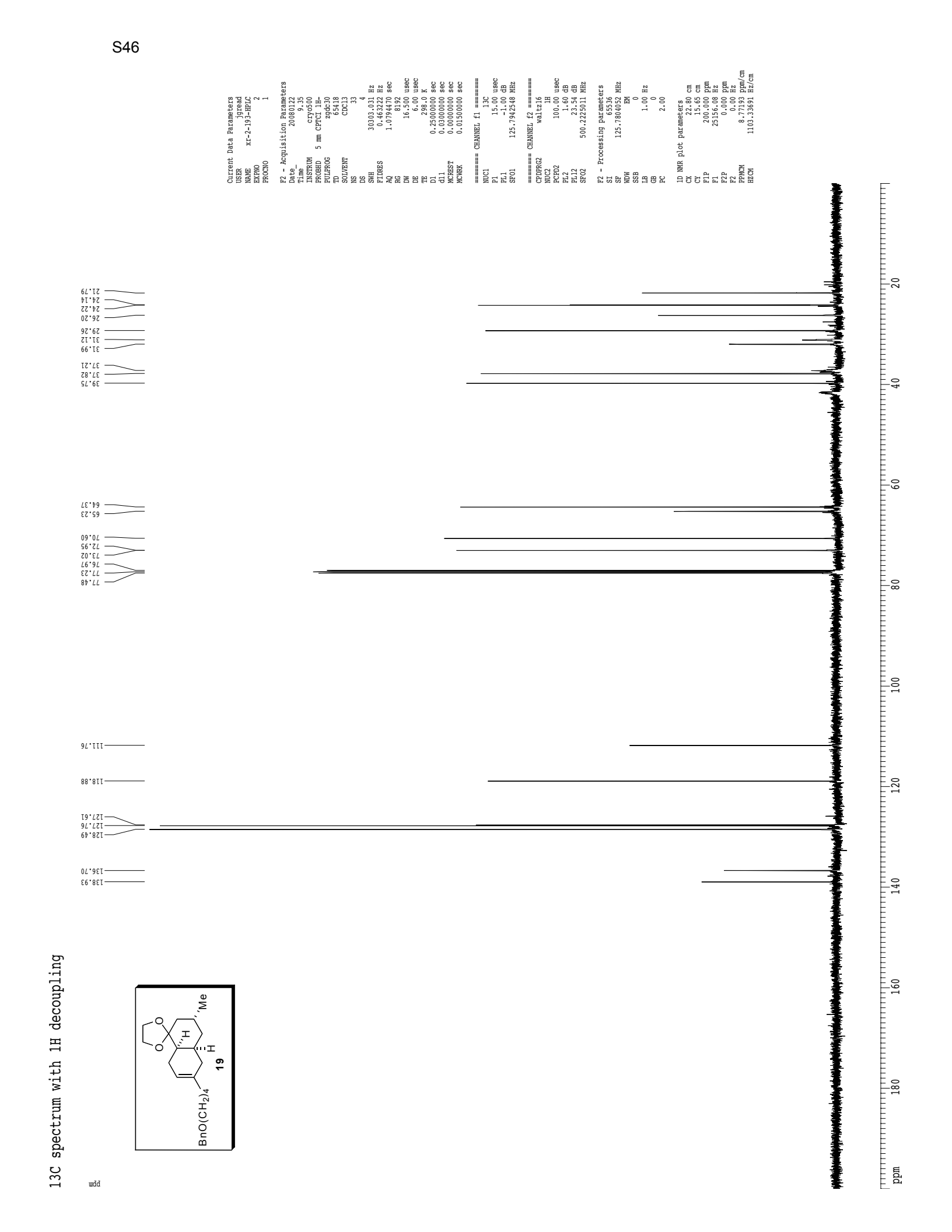
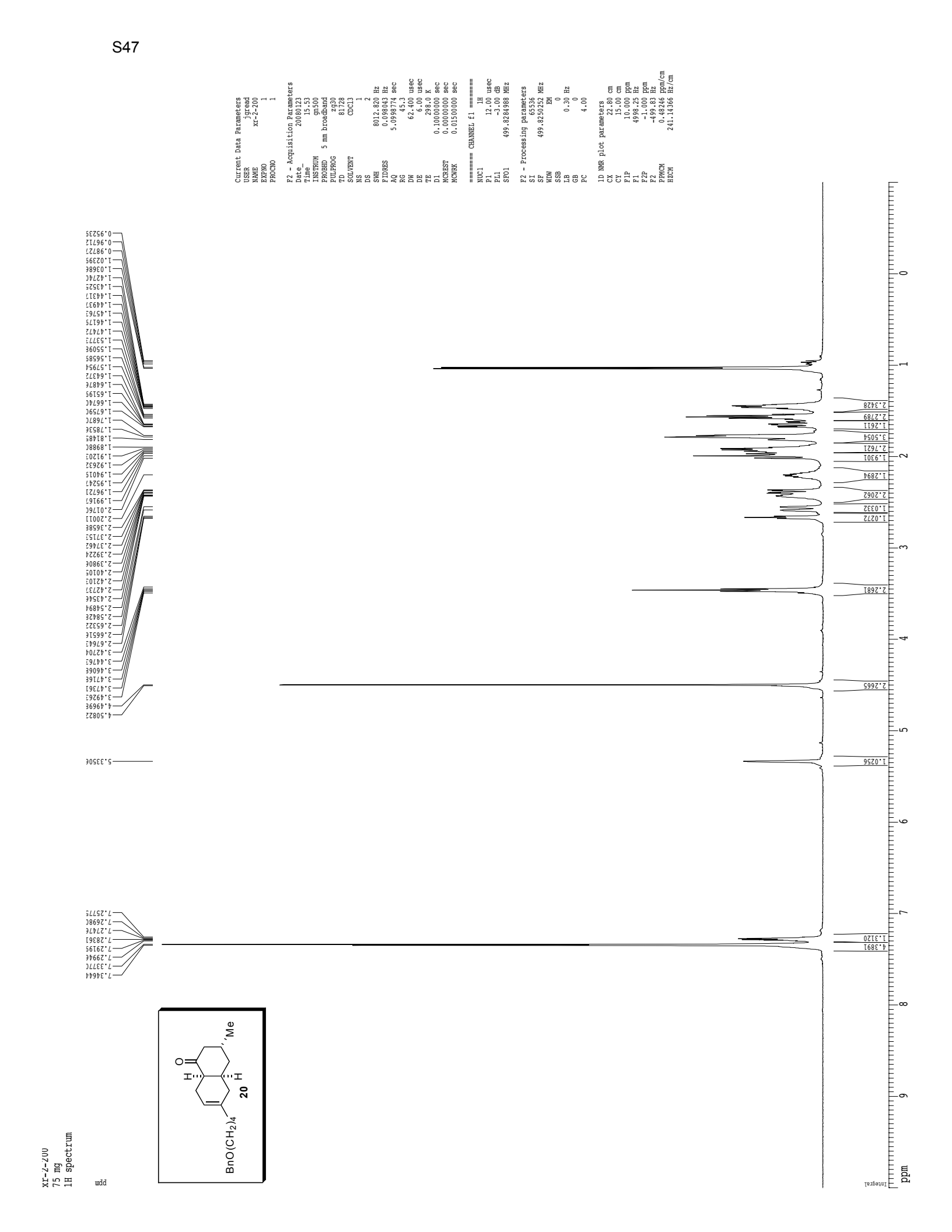
USER jgread
NAME xr-2-193-EPZC
EXPNO 1
PROCNO 1
F2 - Acquisition Parameters
Date_ 20080122
Time_ 9.33
INSTRUM cryo500
PROBHD 5 mm CPTCI 1H-
PULPROG zg30
TD 81728
SOLVENT CDCl3
NS 1
DS 2
SWH 8012.820 Hz
FIDRES 0.098043 Hz
AQ 5.0998774 sec
RG 3.6
DW 62.400 usec
DE 6.00 usec
TE 298.0 K
D1 0.10000000 sec
MCREST 0.00000000 sec
MCWRK 0.01500000 sec
======== CHANNEL f1 ========
NUC1 1H
P1 8.00 usec
PL1 1.60 dB
SFO1 500.2235015 MHz
F2 - Processing parameters
SI 65536
SF 500.2200256 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 4.00
1D NMR plot parameters
CX 22.80 cm
CY 15.00 cm
F1P 10.000 ppm
F1 5002.20 Hz
F2P -1.000 ppm
F2 -500.22 Hz
PPMCM 0.48246 ppm/cm
HZCM 241.33423 Hz/cm
BnO(CH2)4
Me
H
H
19
ppm
Integral

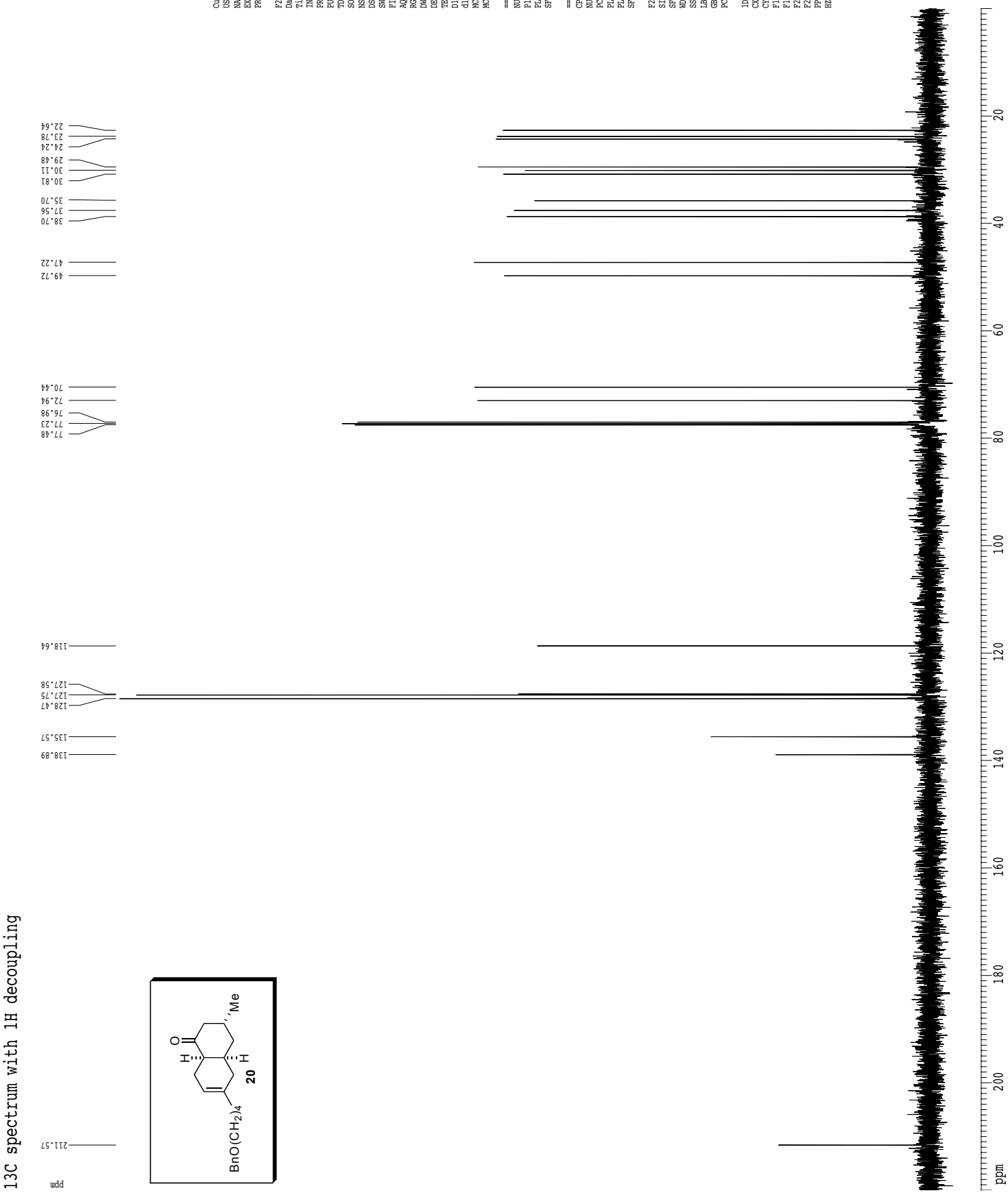
13C spectrum with 1H decoupling



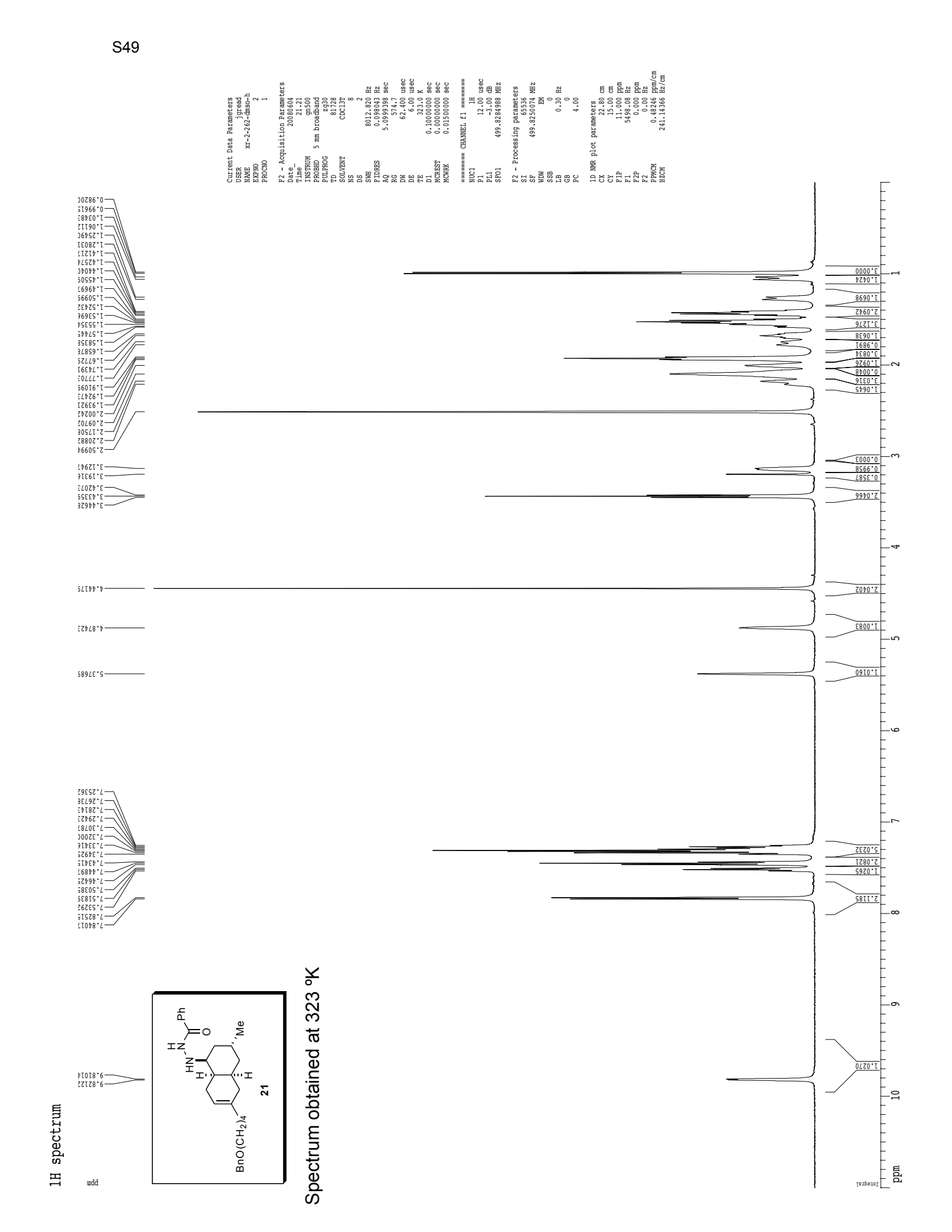


xr-2-200
75 mg
1H spectrum

13C spectrum with 1H decoupling

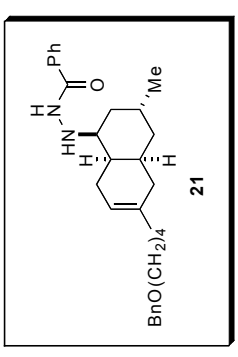


1H spectrum



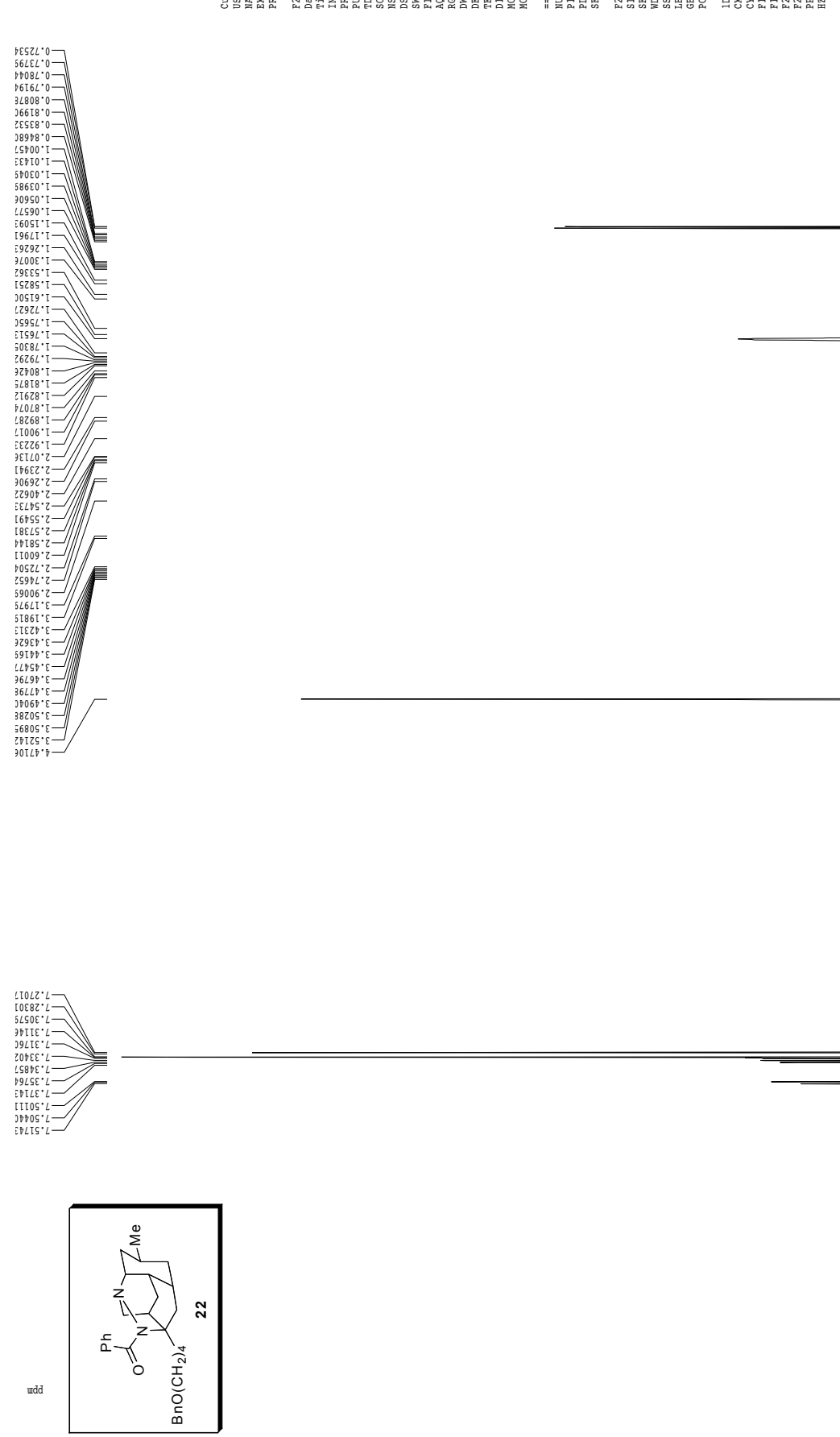
Spectrum obtained at 323 ºK

13C spectrum with 1H decoupling



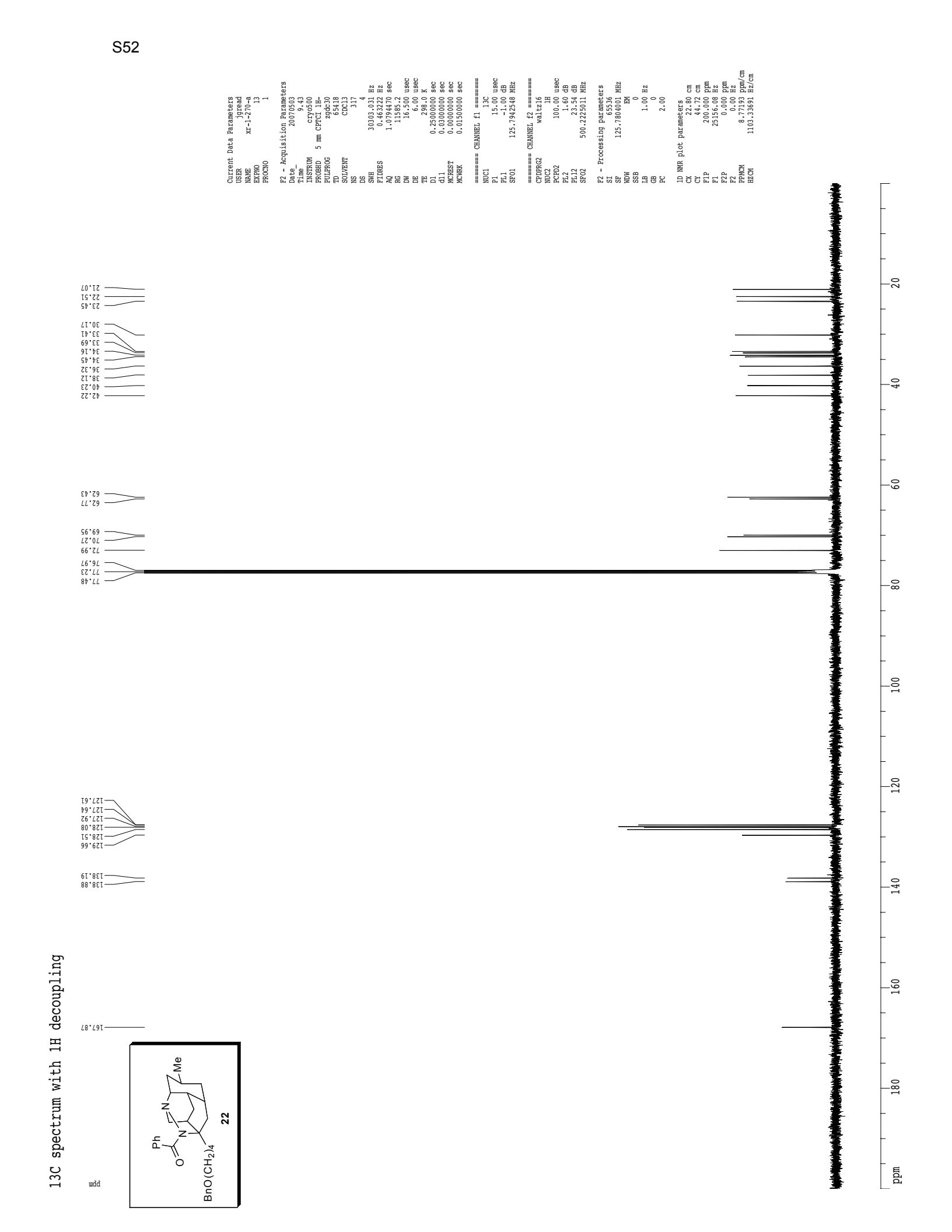
Spectrum obtained at 340 °K

1H spectrum

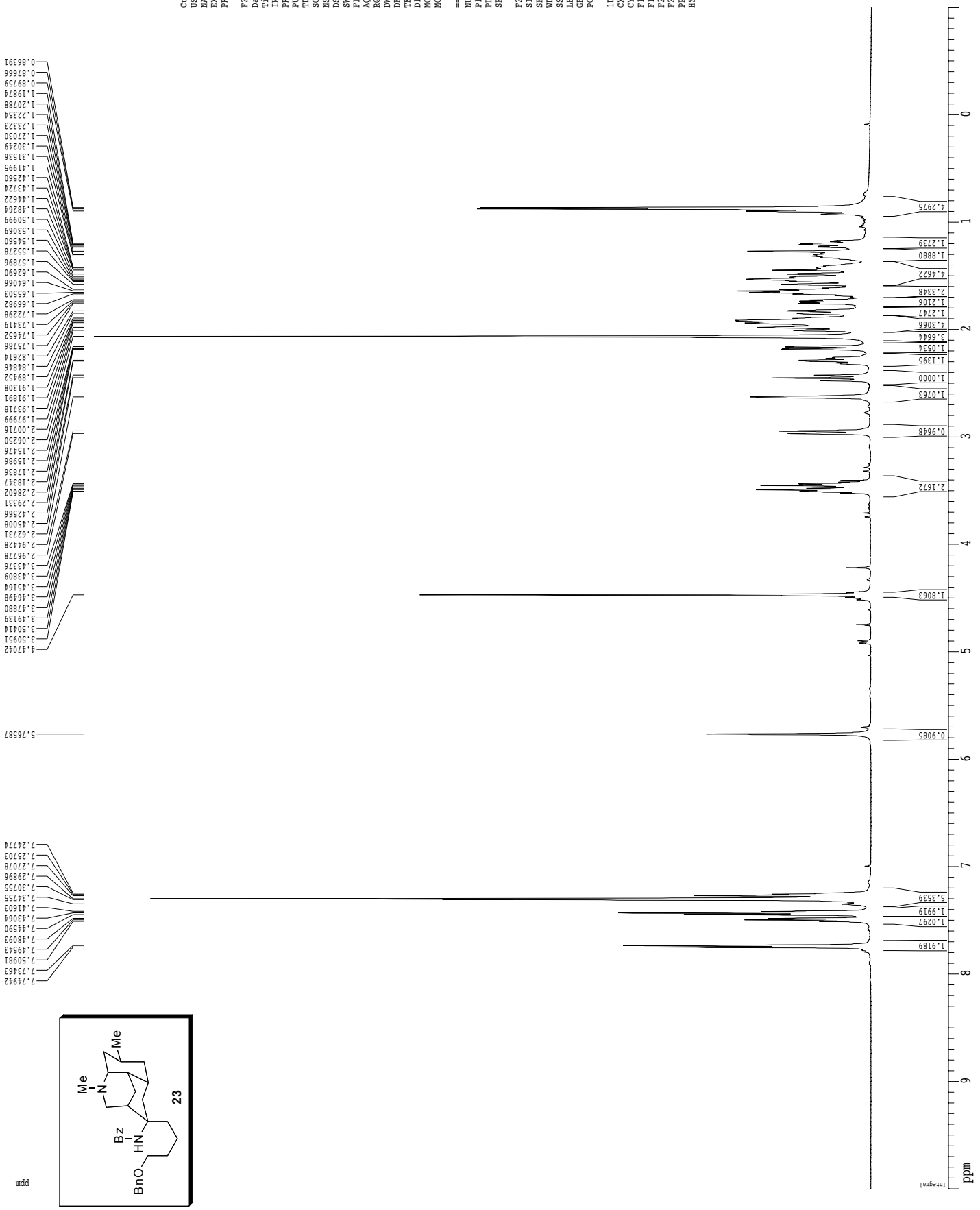

Current Data Parameters
USER jgread
NAME xr-1-270-a
EXPNO 1
PROCNO 1
F2 - Acquisition Parameters
Date_ 20070503
Time_ 9.39
INSTRUM cryo500
PROBHD 5 mm CPTCI 1H-
PULPROG zg30
TD 81728
SOLVENT CDCl3
NS 5
DS 2
SWH 8012.820 Hz
FIDRES 0.098043 Hz
AQ 5.0998774 sec
RG 6.3
DW 62.400 usec
DE 6.00 usec
TE 298.0 K
D1 0.10000000 sec
MCREST 0.00000000 sec
MCWRK 0.01500000 sec
======== CHANNEL f1 ========
NUC1 1H
P1 8.00 usec
PL1 1.60 dB
SFO1 500.2235015 MHz
F2 - Processing parameters
SI 65536
SF 500.2200268 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 4.00
1D NMR plot parameters
CX 22.80 cm
CY 15.00 cm
F1P 10.000 ppm
F1 5002.20 Hz
F2P -1.000 ppm
F2 -500.22 Hz
PPMCM 0.48246 ppm/cm
HZCM 241.33423 Hz/cm
Integral
ppm

Ph
O
N
N
Me
BnO(CH2)4
22

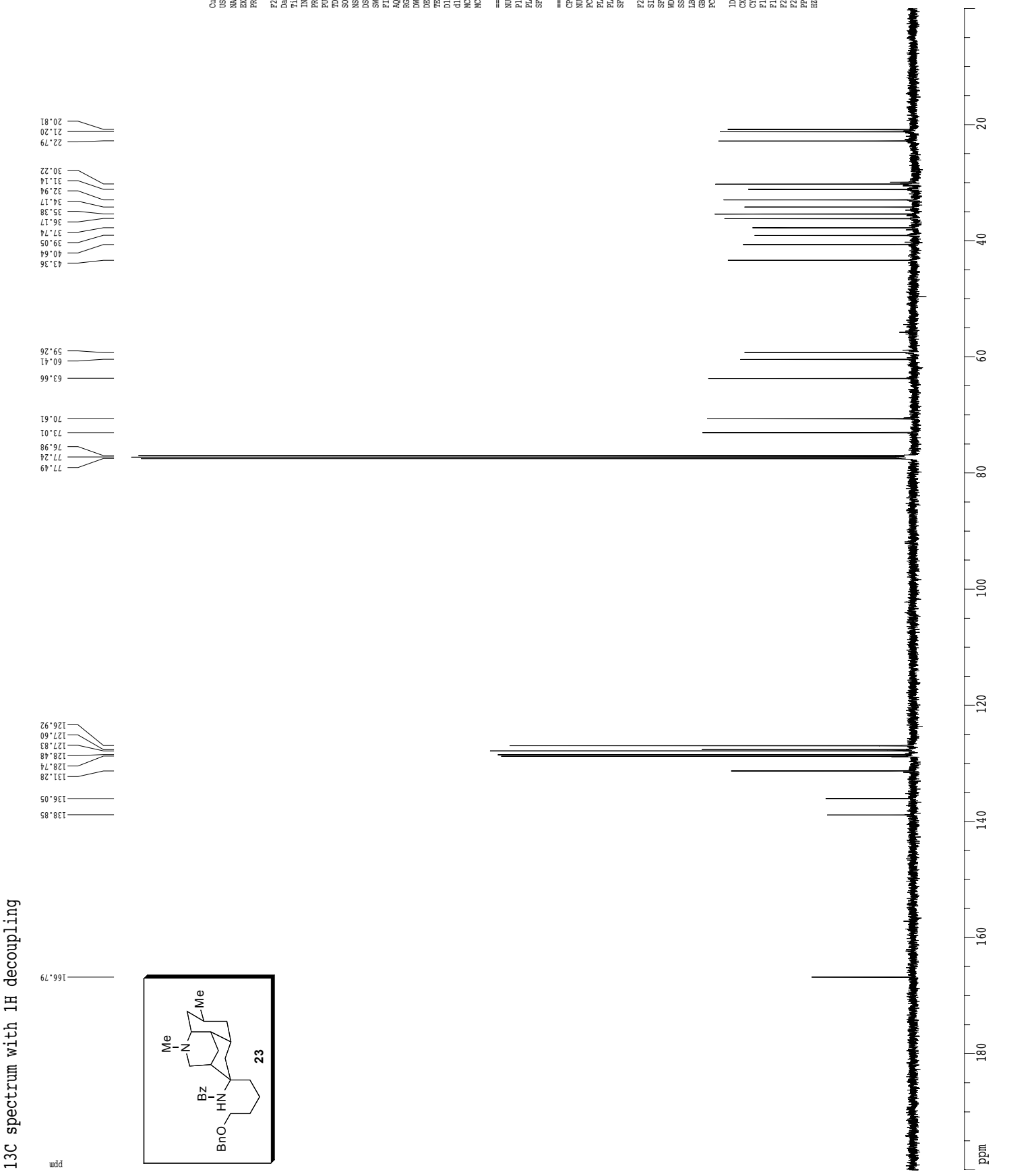
13C spectrum with 1H decoupling

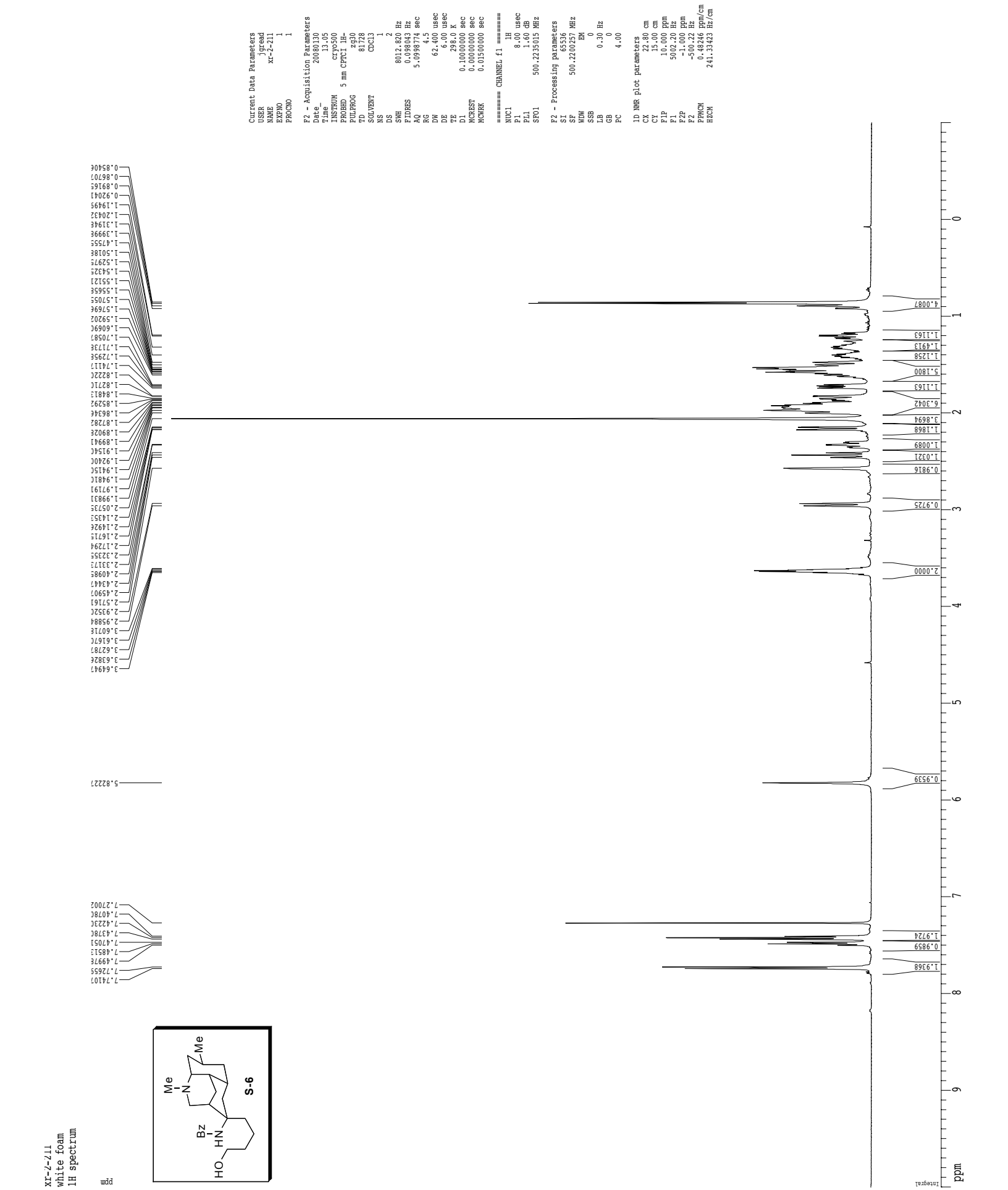


xr-2-208
1H spectrum

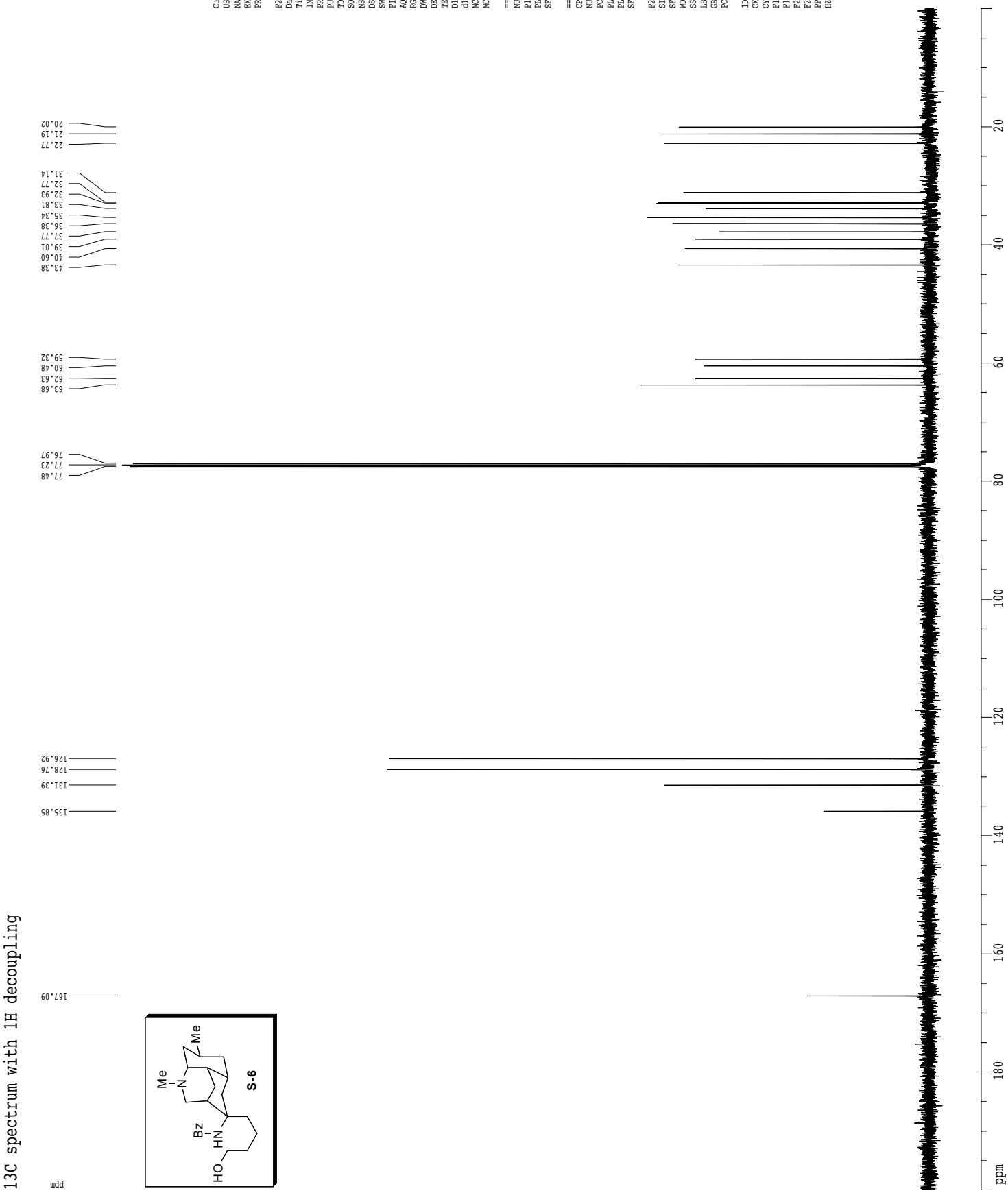


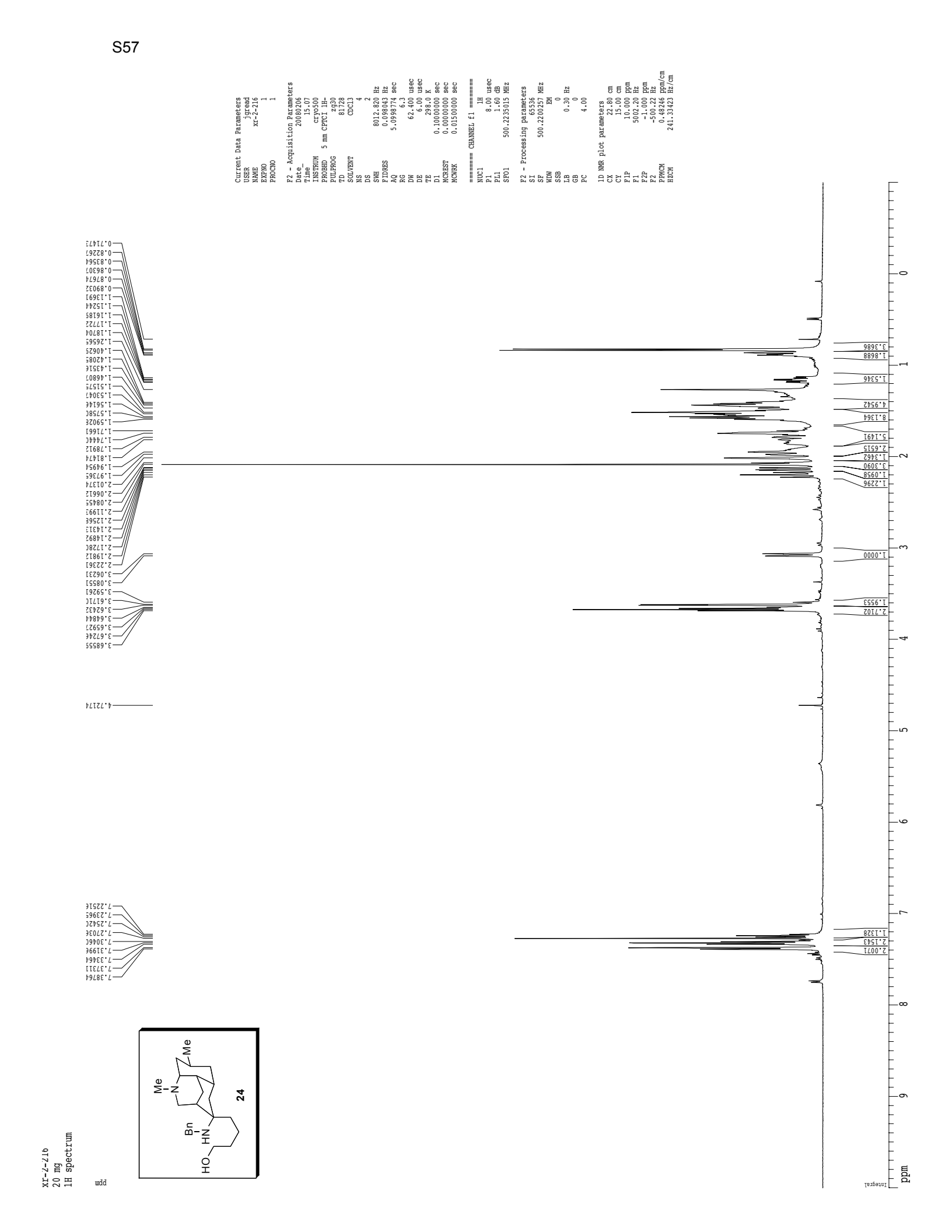
13C spectrum with 1H decoupling




Current Data Parameters
USER jgread
NAME xr-2-211
EXPNO 1
PROCNO 1
F2 - Acquisition Parameters
Date_ 20080130
Time_ 13.05
INSTRUM cryo500
PROBHD 5 mm CPTCI 1H-
PULPROG zg30
TD 81728
SOLVENT CDCl3
NS 1
DS 2
SWH 8012.820 Hz
FIDRES 0.098043 Hz
AQ 5.0998774 sec
RG 4.5
DW 62.400 usec
DE 6.00 usec
TE 298.0 K
D1 0.10000000 sec
MCREST 0.00000000 sec
MCWRK 0.01500000 sec
======== CHANNEL f1 ========
NUC1 1H
P1 8.00 usec
PL1 1.60 dB
SFO1 500.2235015 MHz
F2 - Processing parameters
SI 65536
SF 500.2200257 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 4.00
1D NMR plot parameters
CX 22.80 cm
CY 15.00 cm
F1P 10.000 ppm
F1 5002.20 Hz
F2P -1.000 ppm
F2 -500.22 Hz
PPMCM 0.40246 ppm/cm
HZCM 241.33423 Hz/cm
7.74107
7.72659
7.49978
7.48513
7.47051
7.43780
7.42236
7.40780
7.27002
5.82227
3.64947
3.63826
3.62787
3.61670
3.60718
2.95884
2.93520
2.57161
2.45907
2.43447
2.40985
2.33173
2.32355
2.16715
2.17294
2.14924
2.14353
2.05735
1.99831
1.97191
1.94810
1.94150
1.92400
1.91540
1.89941
1.89026
1.87282
1.86346
1.85292
1.84813
1.82710
1.82220
1.74117
1.72956
1.71736
1.70587
1.69690
1.59202
1.57696
1.57055
1.55656
1.55121
1.54325
1.52975
1.50188
1.47555
1.39998
1.31946
1.20432
1.19499
0.92041
0.89165
0.86707
0.85406
4.0087
1.1163
1.4913
1.1258
5.1800
1.1163
6.3042
3.8694
1.1868
1.0089
1.0321
0.9816
0.9725
2.0000
0.9539
1.9724
0.9859
1.9368
Integral
ppm
0
1
2
3
4
5
6
7
8
9
Me
N
Me
Bz
N
HO
HN
S-6
ppm
xr-2-117
white foam
1H spectrum

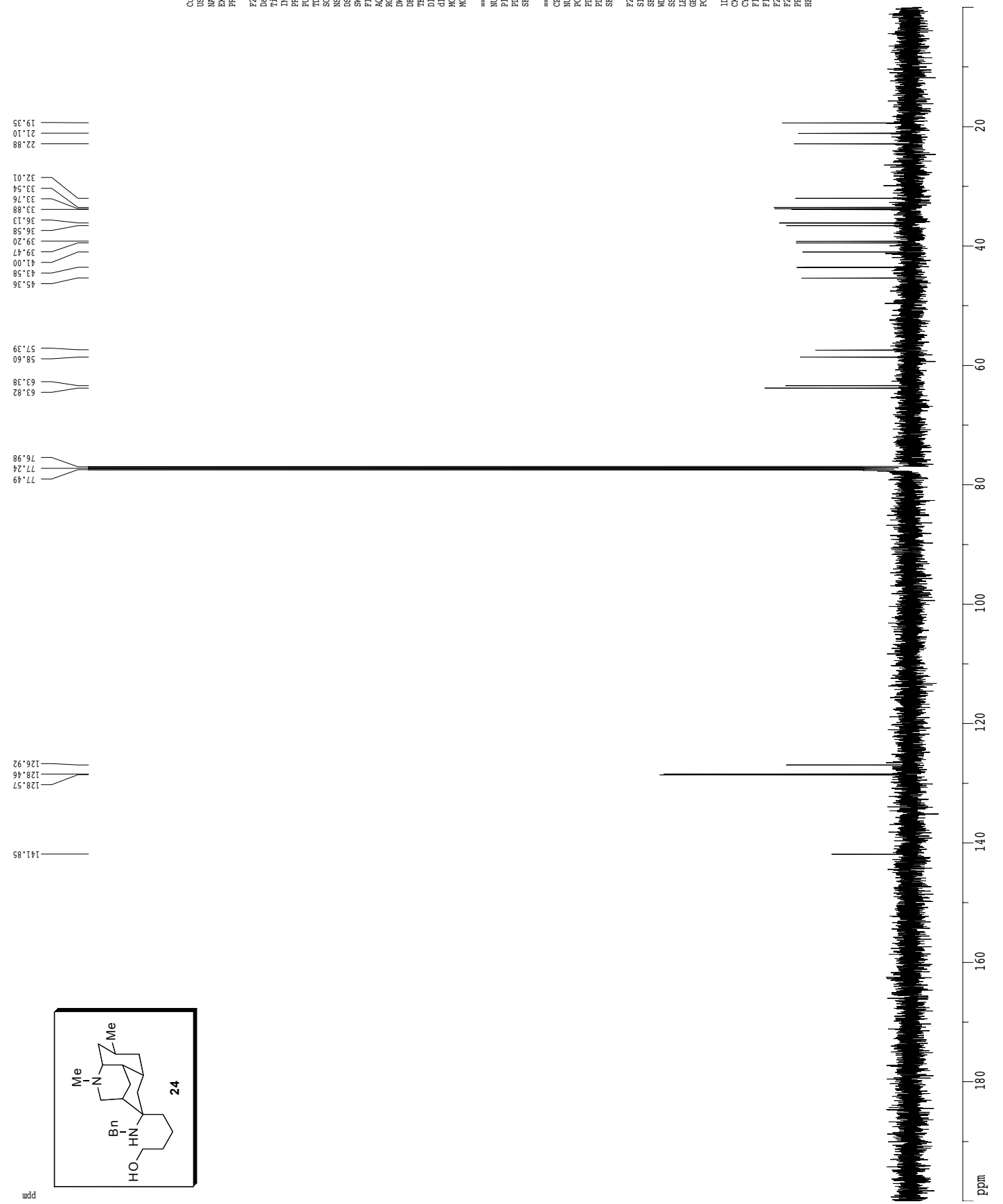
13C spectrum with 1H decoupling

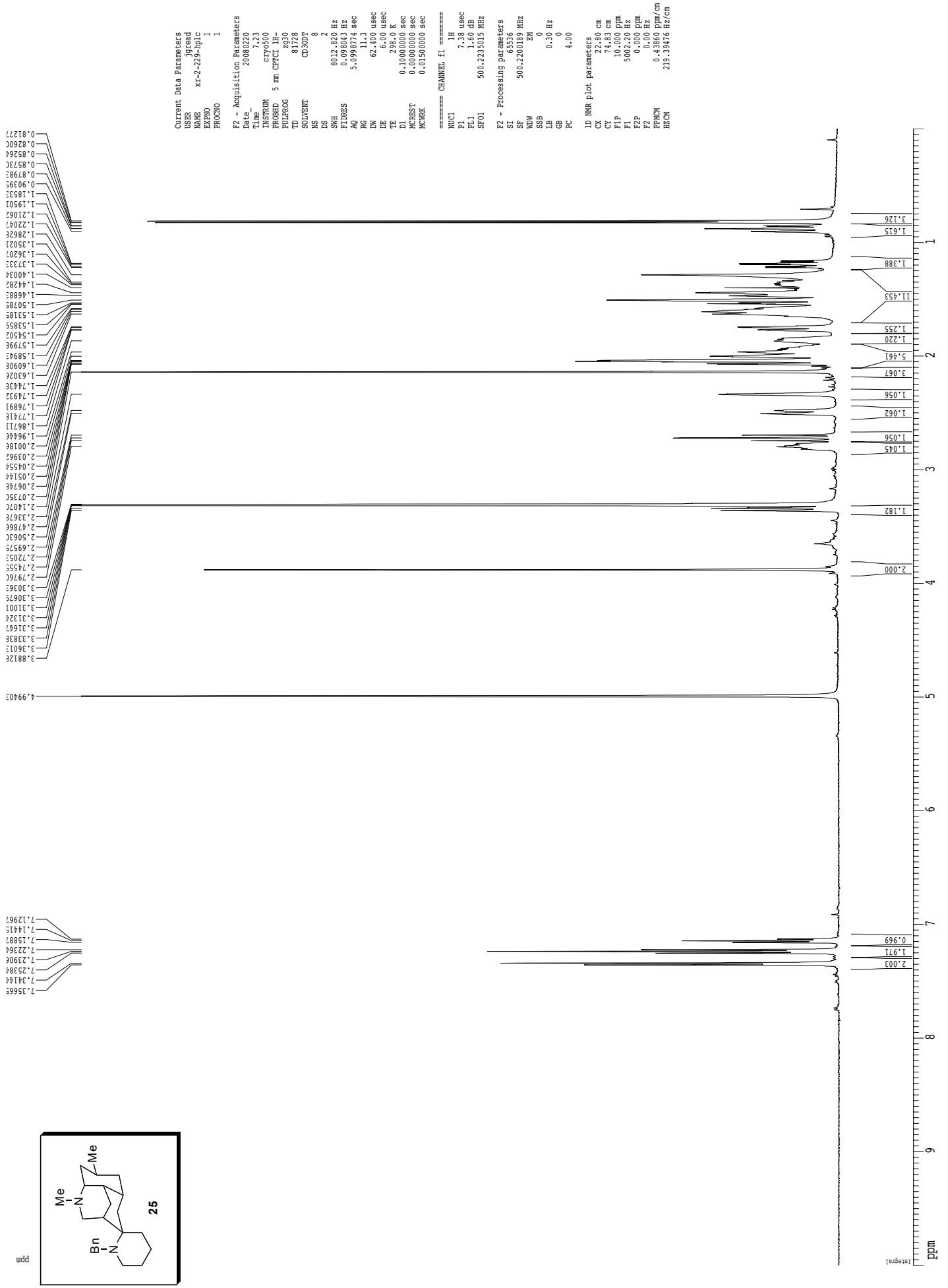




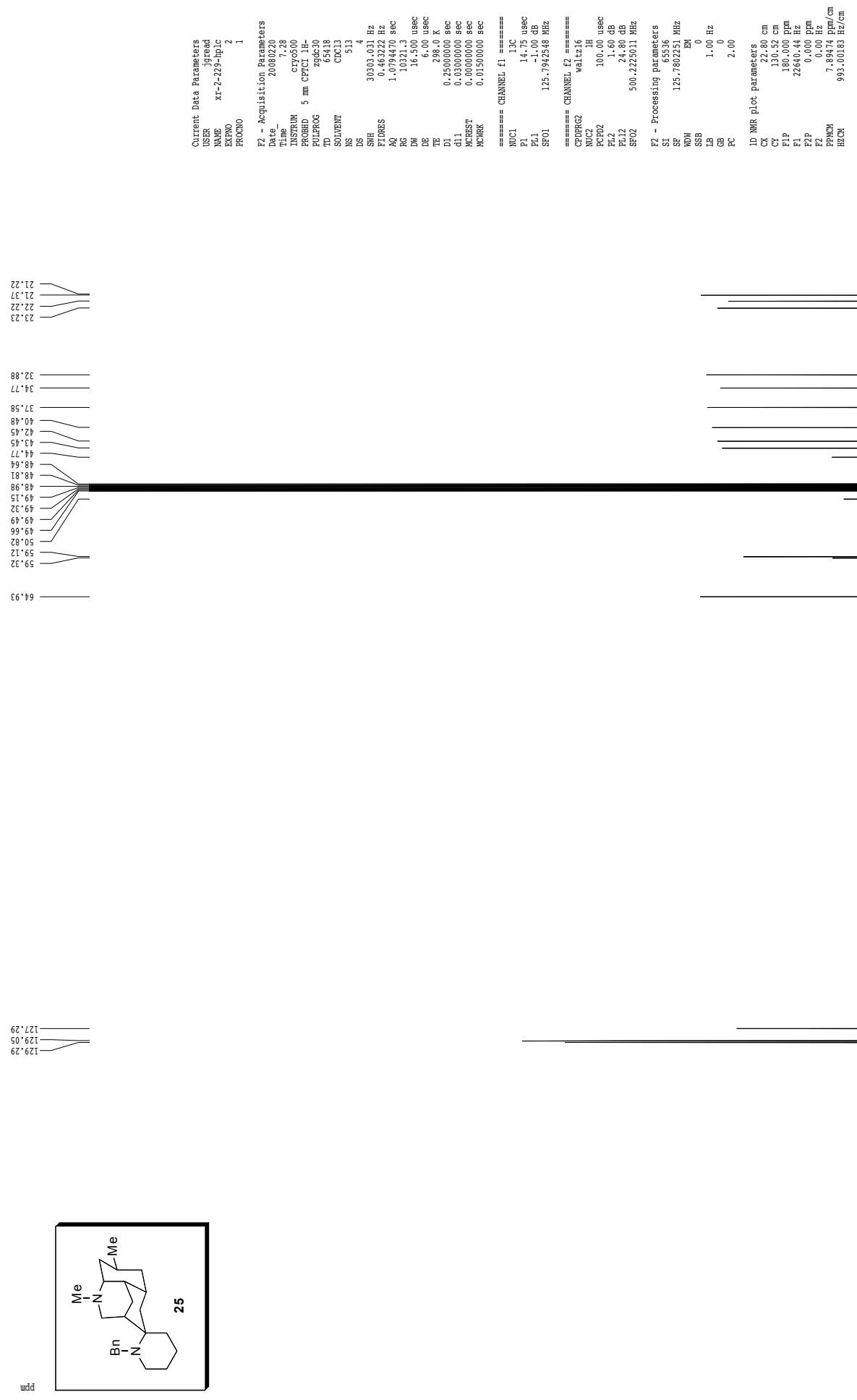
xr-2-217
20 mg
1H spectrum

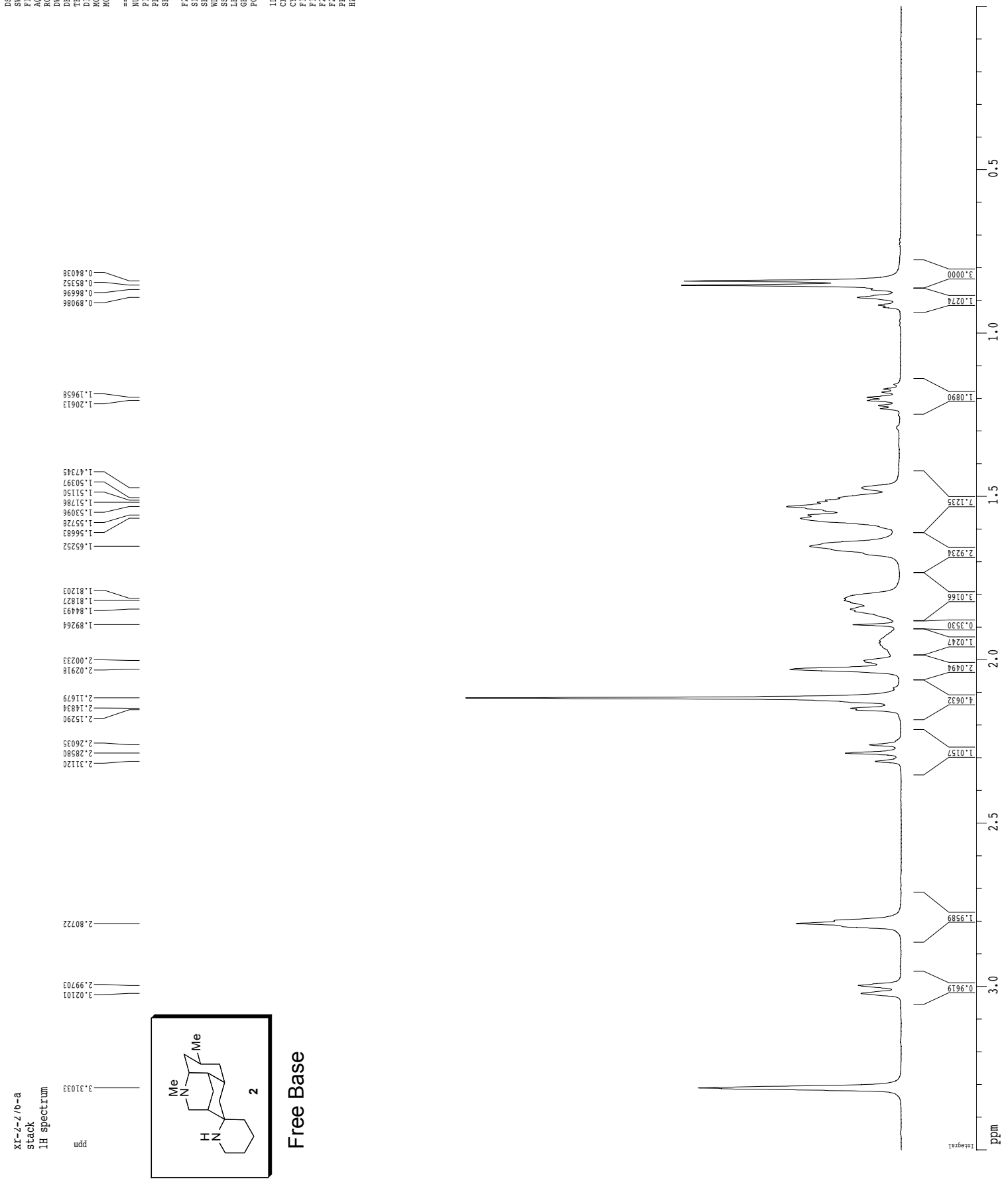
13C spectrum with 1H decoupling




Current Data Parameters
USER jgread
NAME xr-2-229-hplc
EXPNO 1
PROCNO 1
F2 - Acquisition Parameters
Date_ 20080220
Time 7.23
INSTRUM cryo500
PROBHD 5 mm CPTCI 1H-
PULPROG zg30
TD 81728
SOLVENT CD3OD
NS 8
DS 2
SWH 8012.820 Hz
FIDRES 0.098043 Hz
AQ 5.0998774 sec
RG 11.3
DW 62.400 usec
DE 6.00 usec
TE 298.0 K
D1 0.10000000 sec
MCREST 0.00000000 sec
MCWRK 0.01500000 sec
======== CHANNEL f1 ========
NUC1 1H
P1 7.38 usec
PL1 1.60 dB
SFO1 500.2235015 MHz
F2 - Processing parameters
SI 65536
SF 500.2200189 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 4.00
1D NMR plot parameters
CX 22.80 cm
CY 74.83 cm
F1P 10.000 ppm
F1 5002.20 Hz
F2P 0.000 ppm
F2 0.00 Hz
PPMCM 0.43860 ppm/cm
HZCM 219.39476 Hz/cm
0.81277
0.82606
0.85264
0.85730
0.87983
0.90395
1.18533
1.19501
1.21062
1.22047
1.28626
1.35021
1.36207
1.37333
1.40034
1.44282
1.46883
1.50785
1.53185
1.53859
1.54502
1.57998
1.58943
1.60906
1.63026
1.74436
1.74932
1.76893
1.77418
1.86711
1.96446
2.00186
2.03962
2.04554
2.05144
2.06748
2.07350
2.14070
2.33676
2.47866
2.50630
2.69575
2.72053
2.74555
2.79760
3.30363
3.30679
3.31001
3.31324
3.31647
3.33836
3.36013
3.88126
4.99403
7.12967
7.14415
7.15887
7.22364
7.23906
7.25384
7.34144
7.35665
3.126
1.615
1.388
11.453
1.255
1.220
5.461
3.067
1.056
1.062
1.056
1.045
1.182
2.000
0.969
1.971
2.003
Integral
ppm
Me
N
Me
Bn
N
25
ppm

13C spectrum with 1H decoupling





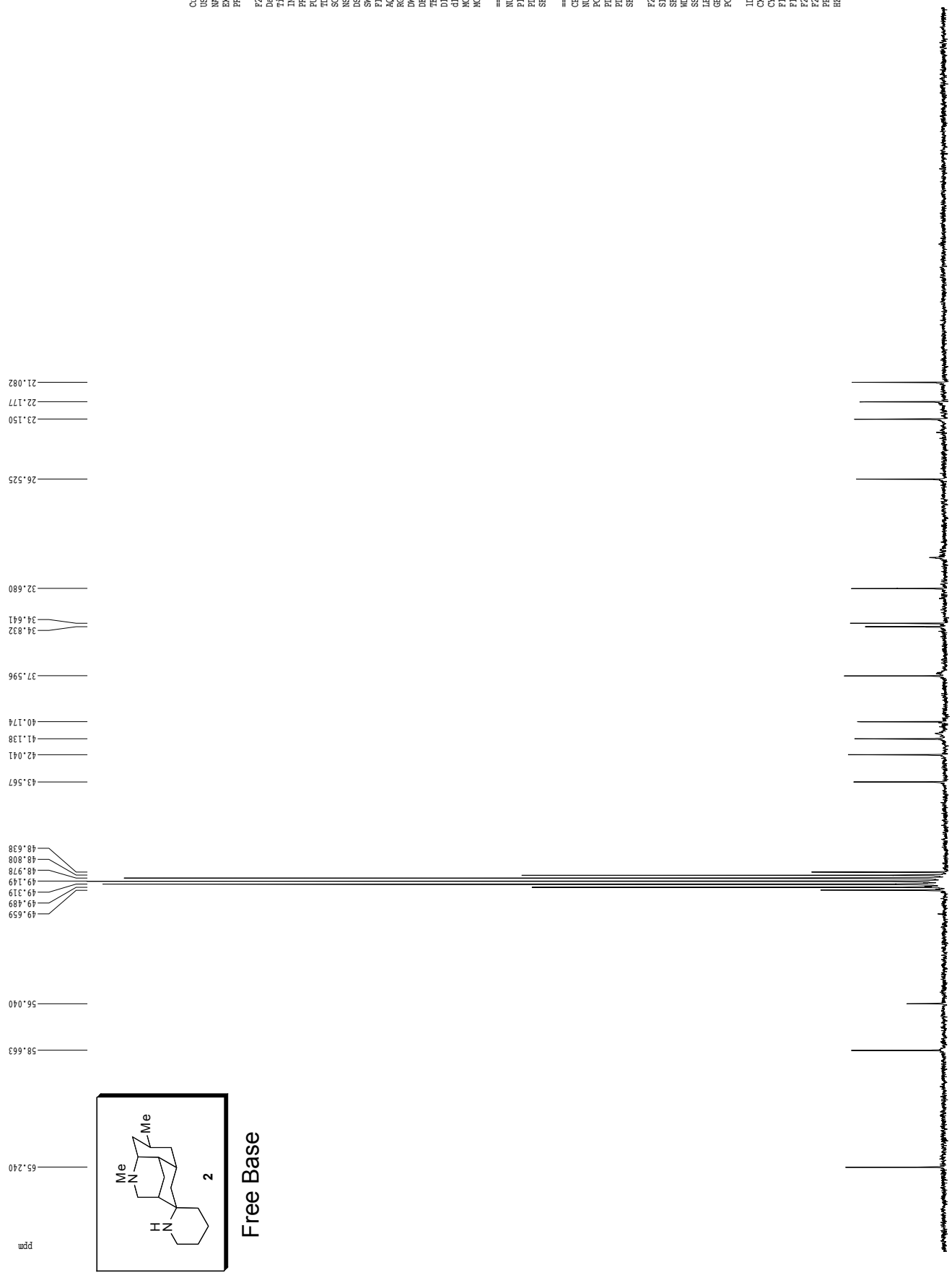
DS 2
SWH 8012.820 Hz
FIDRES 0.098043 Hz
AQ 5.0998774 sec
RG 11.3
DW 62.400 usec
DE 6.00 usec
TE 298.0 K
D1 0.10000000 sec
MCREST 0.00000000 sec
MCWRK 0.01500000 sec

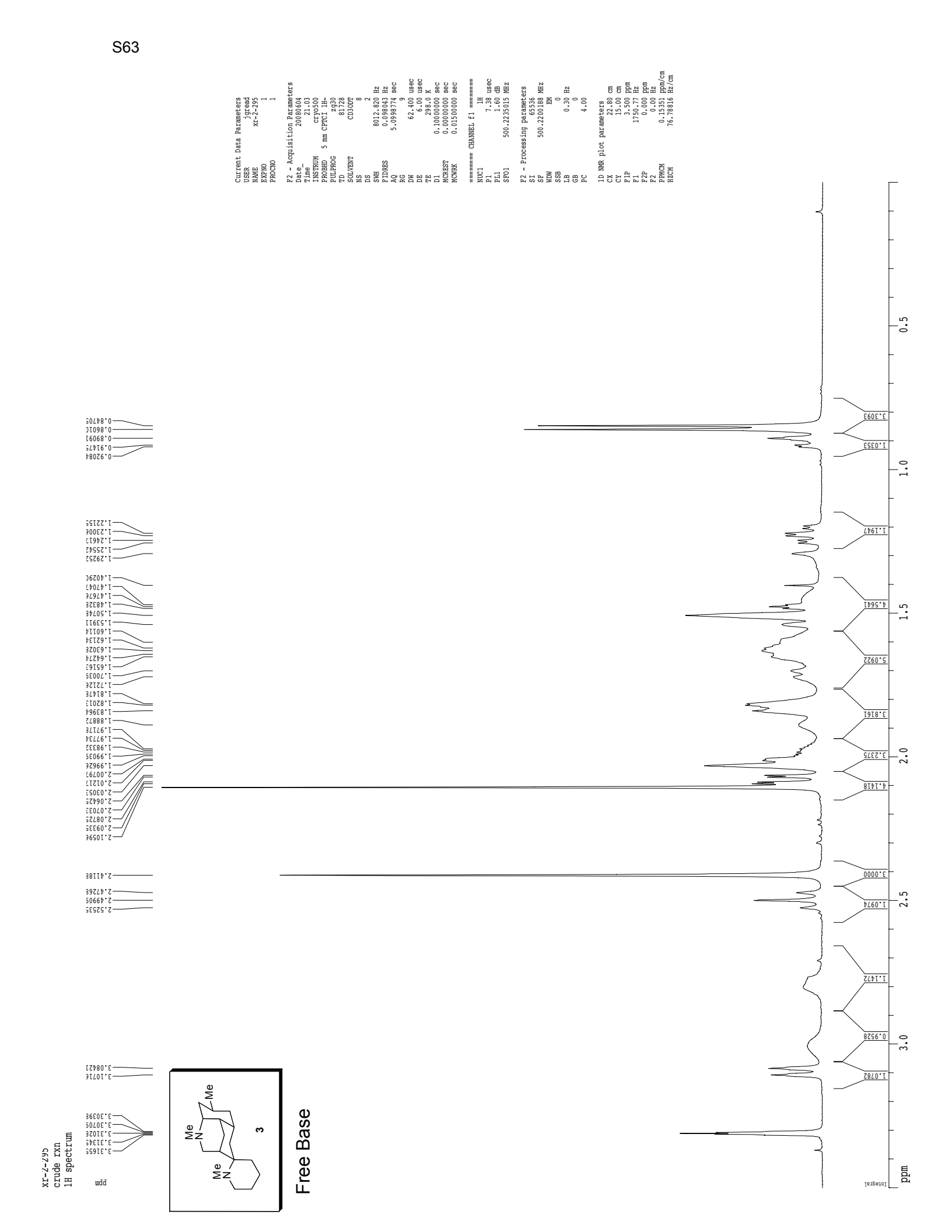
======= CHANNEL f1 =======
NUC1 1H
P1 7.38 usec
PL1 1.60 dB
SFO1 500.2235015 MHz

F2 - Processing parameters
SI 65536
SF 500.2200183 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 4.00

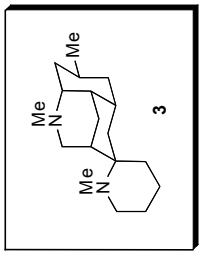
1D NMR plot parameters
CX 22.80 cm
CY 15.00 cm
F1P 3.500 ppm
F1 1750.77 Hz
F2P 0.000 ppm
F2 0.00 Hz
PPMCM 0.15351 ppm/cm
HZCM 76.78816 Hz/cm

13C spectrum with 1H decoupling




xr-2-295
crude rxn
1H spectrum
ppm
Me
N
Me
Me
N
3
Free Base
Current Data Parameters
USER jgread
NAME xr-2-295
EXPNO 1
PROCNO 1
F2 - Acquisition Parameters
Date_ 20080604
Time_ 21.03
INSTRUM cryo500
PROBHD 5 mm CPTCI 1H-
PULPROG zg30
TD 81728
SOLVENT CD3OD
NS 8
DS 2
SWH 8012.820 Hz
FIDRES 0.098043 Hz
AQ 5.0998774 sec
RG 9
DW 62.400 usec
DE 6.00 usec
TE 298.0 K
D1 0.10000000 sec
MCREST 0.00000000 sec
MCWRK 0.01500000 sec
======== CHANNEL f1 ========
NUC1 1H
P1 7.38 usec
PL1 1.60 dB
SFO1 500.2235015 MHz
F2 - Processing parameters
SI 65536
SF 500.2200188 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 4.00
1D NMR plot parameters
CX 22.80 cm
CY 15.00 cm
F1P 3.500 ppm
F1 1750.77 Hz
F2P 0.000 ppm
F2 0.00 Hz
PPMCM 0.15351 ppm/cm
HZCM 76.78816 Hz/cm
Integral
ppm
3.0
2.5
2.0
1.5
1.0
0.5
1.0782
0.9528
1.1472
1.0974
3.0000
4.1418
3.2375
3.8161
5.0922
4.5641
1.1947
1.0353
3.3093

13C spectrum with 1H decoupling



Free Base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Current Data Parameters
USER            jgread
NAME            xr-2-295
EXPNO                 3
PROCNO                1

F2 - Acquisition Parameters
Date_          20080604
Time_             21.10
INSTRUM          cryo500
PROBHD  5 mm CPTCI 1H-
PULPROG          zgdc30
TD                65418
SOLVENT           CDCl3
NS                   36
DS                    4
SWH           30303.031 Hz
FIDRES        0.463222 Hz
AQ            1.07944470 sec
RG                7298.2
DW                16.500 usec
DE                 6.00 usec
TE                298.0 K
D1            1.00000000 sec
D11           0.03000000 sec
MCREST        0.00000000 sec
MCWRK         0.01500000 sec

======== CHANNEL f1 ========
NUC1              13C
P1              14.75 usec
PL1              -1.00 dB
SFO1      125.7942548 MHz

======== CHANNEL f2 ========
CPDPRG2         waltz16
NUC2                 1H
PCPD2          100.00 usec
PL2              1.60 dB
PL12            24.80 dB
SFO2      500.2225011 MHz

F2 - Processing parameters
SI                65536
SF        125.7802283 MHz
WDW                  EM
SSB                   0
LB                1.00 Hz
GB                   0
PC                2.00

1D NMR plot parameters
CX               22.80 cm
CY               31.22 cm
F1P            80.000 ppm
F1           10062.42 Hz
F2P            10.000 ppm
F2            1257.80 Hz
PPMCM         3.07018 ppm/cm
HZCM          386.16739 Hz/cm
```