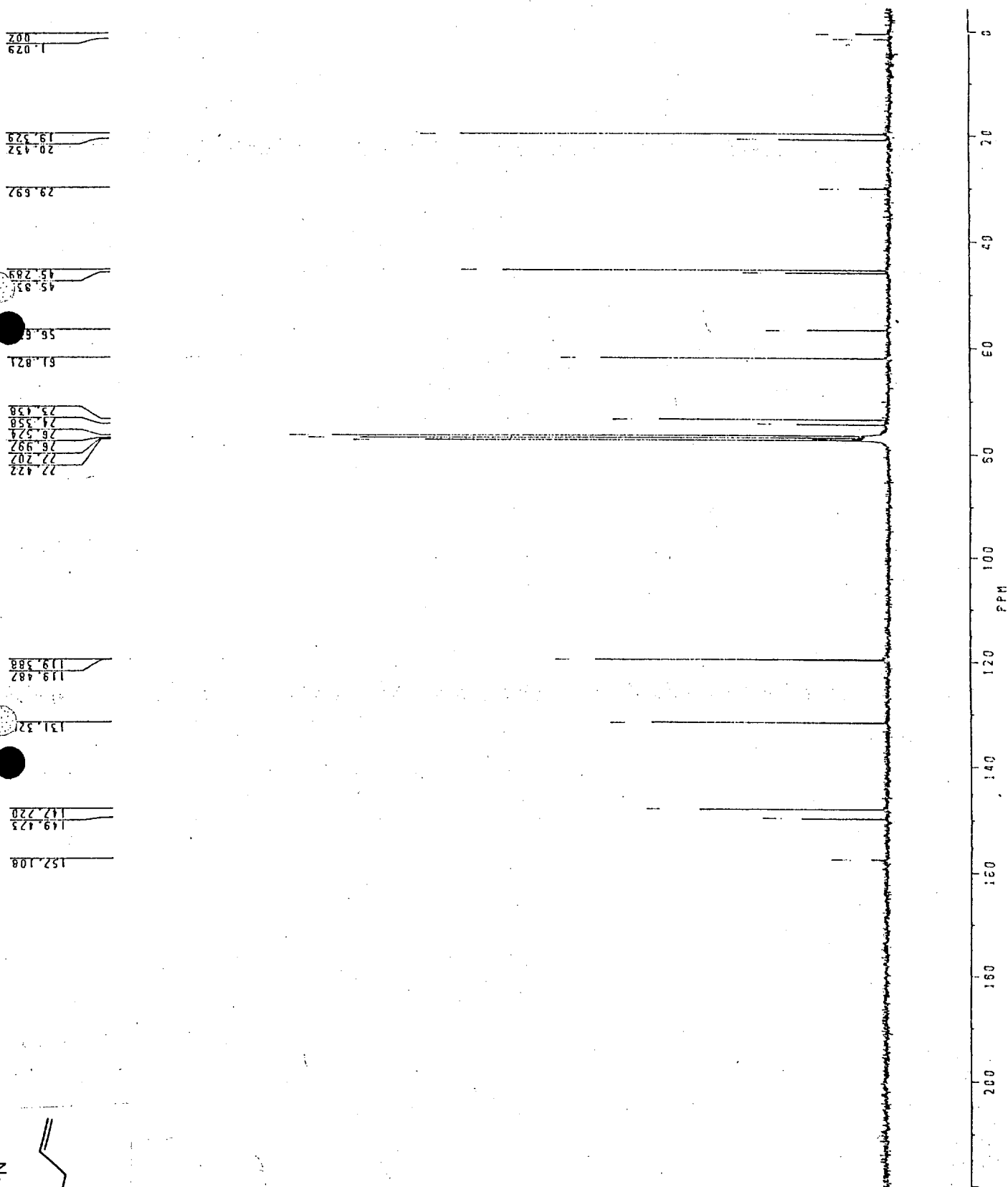
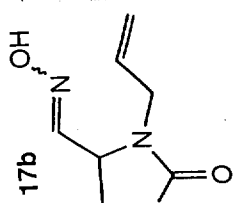
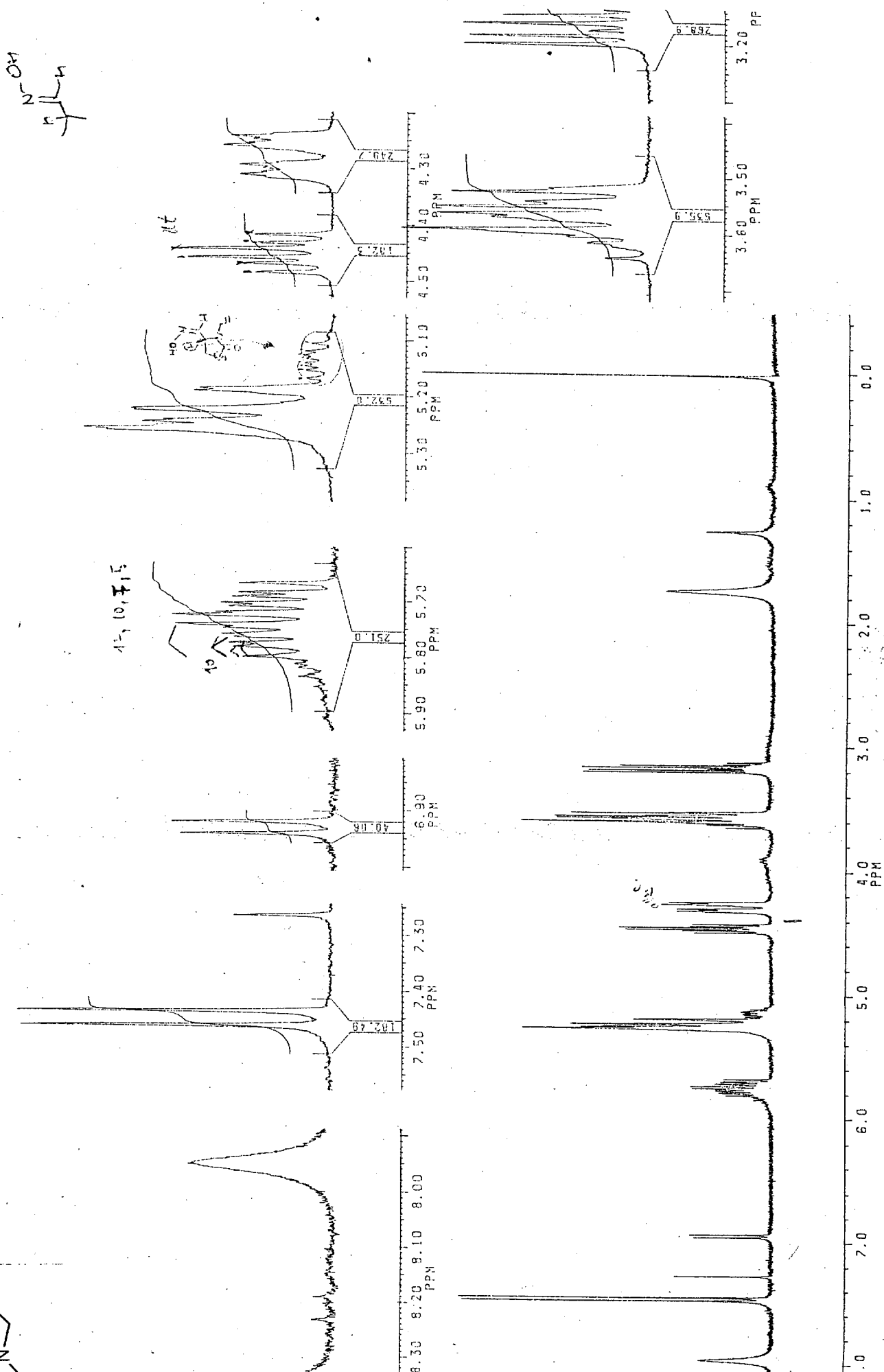
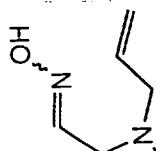
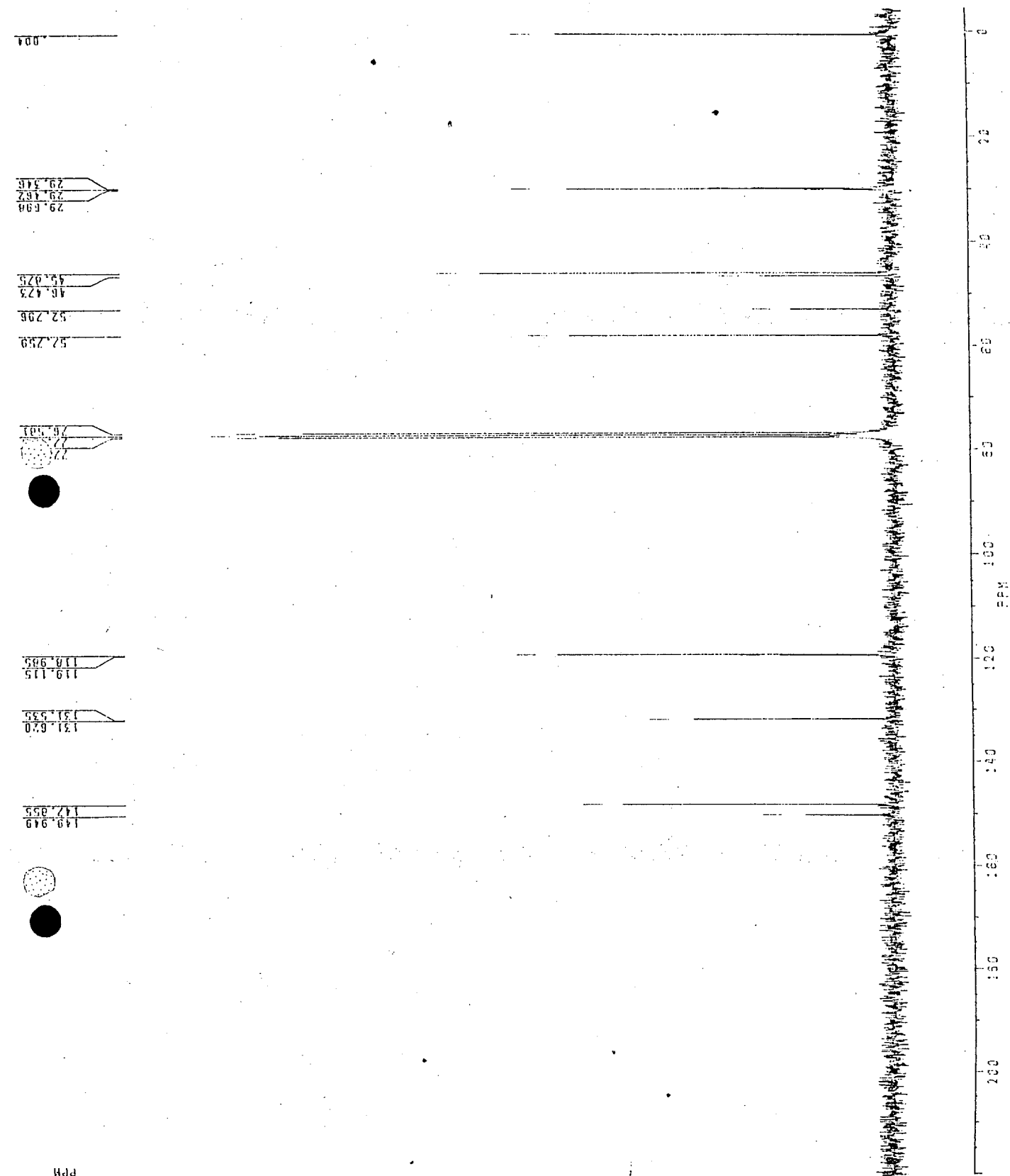
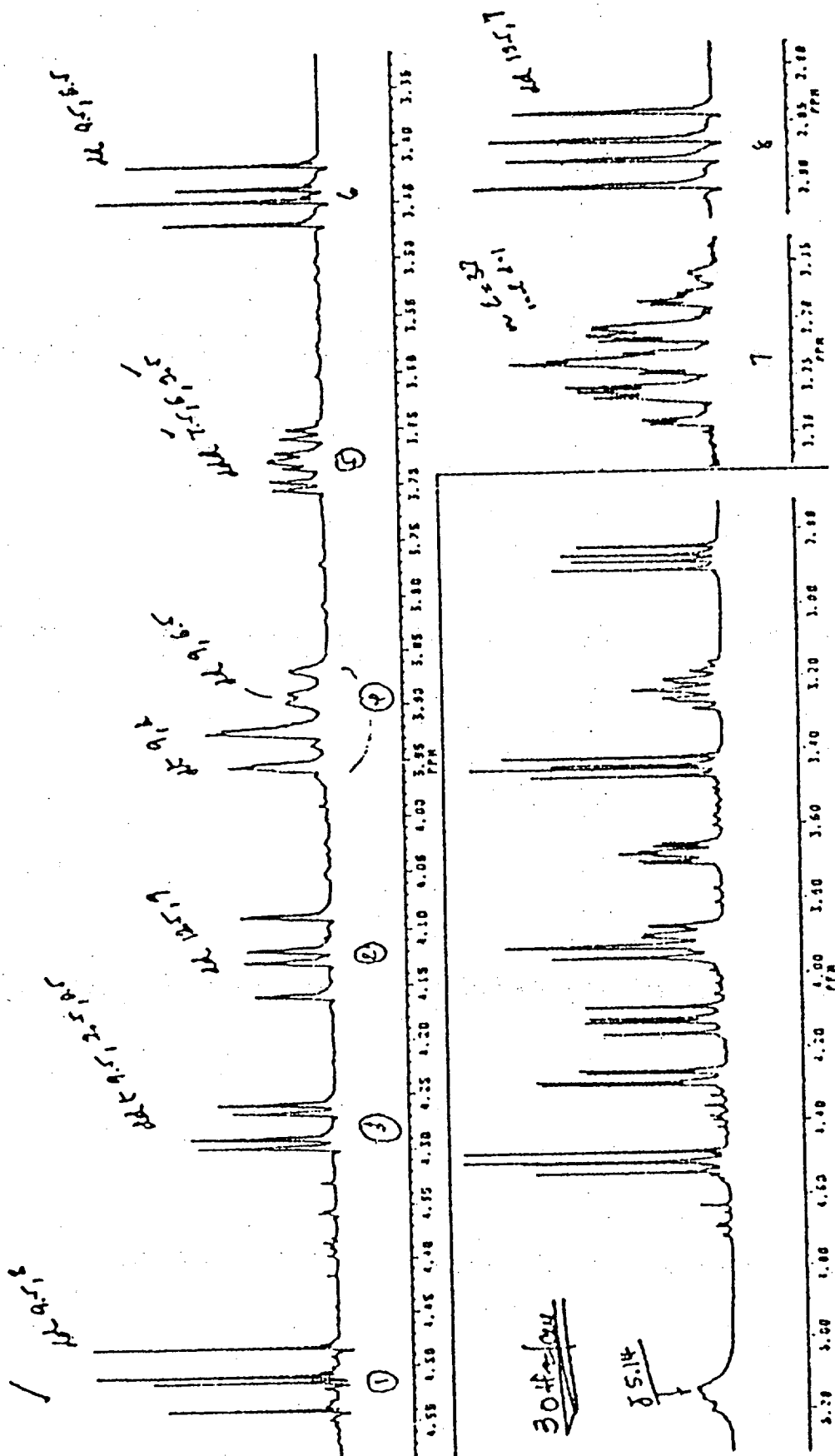
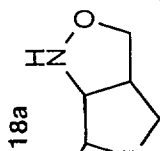


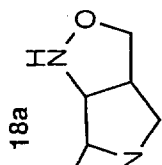


~~200K~~
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 AU PRG:
 EXP
 DATE 12-2-94
 SF 25.469
 ST 112.3500000
 G1 1.000.00
 S1 722.8
 T0 32.63
 S2 1.000.00
 H2/P1 1.21
 PW 5.0
 R2 0.0
 R3 0.0
 RG 400
 WS 11000
 LE 227
 FW 2800
 G2 1.000.00
 DP 32.82
 L8 1.000
 C8 0.0
 C9 30.00
 CY 0.0
 F1 220.0128
 F2 4.9328
 WZ45H 565.999
 PPM/CW 2.500
 SR 33535.21









1.0070

51.6663
49.1186

61.6349
62.4536

71.6551
76.2820

PPM

EXPT

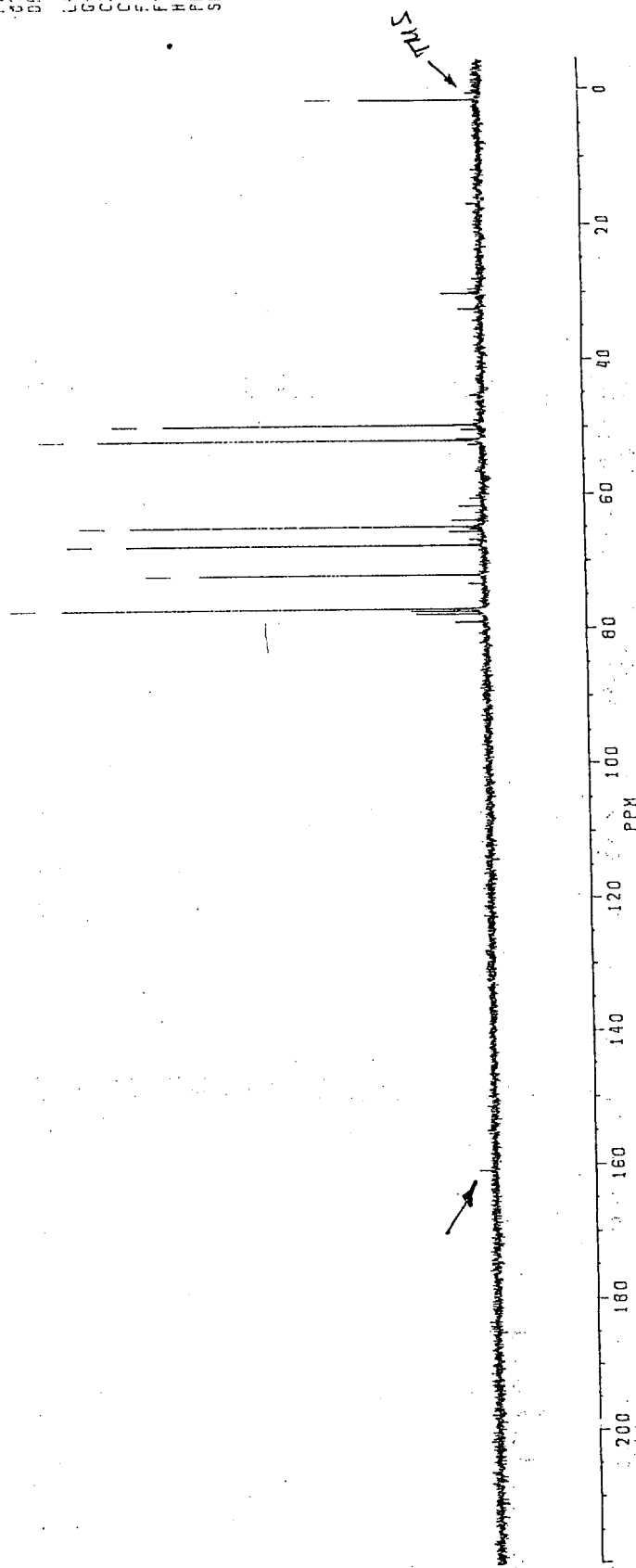
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DATE 28-98

SF 112.300
SI 1600.00
TD 3276
SW 2031.30
HZ/PT 42.22

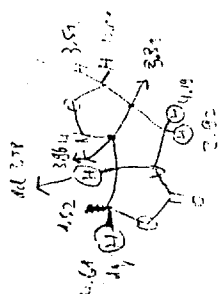
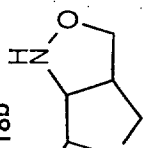
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RG 4.00
NS 121
TE 2.00

FW 250.00
AQ 450.00
OP 9L

LB 0.00
GB 0.00
CX 0.00
CY 0.00
F1 2.001
F2 2.001
HZ/CM 51.099
PPM/CM 150
SR 335.77

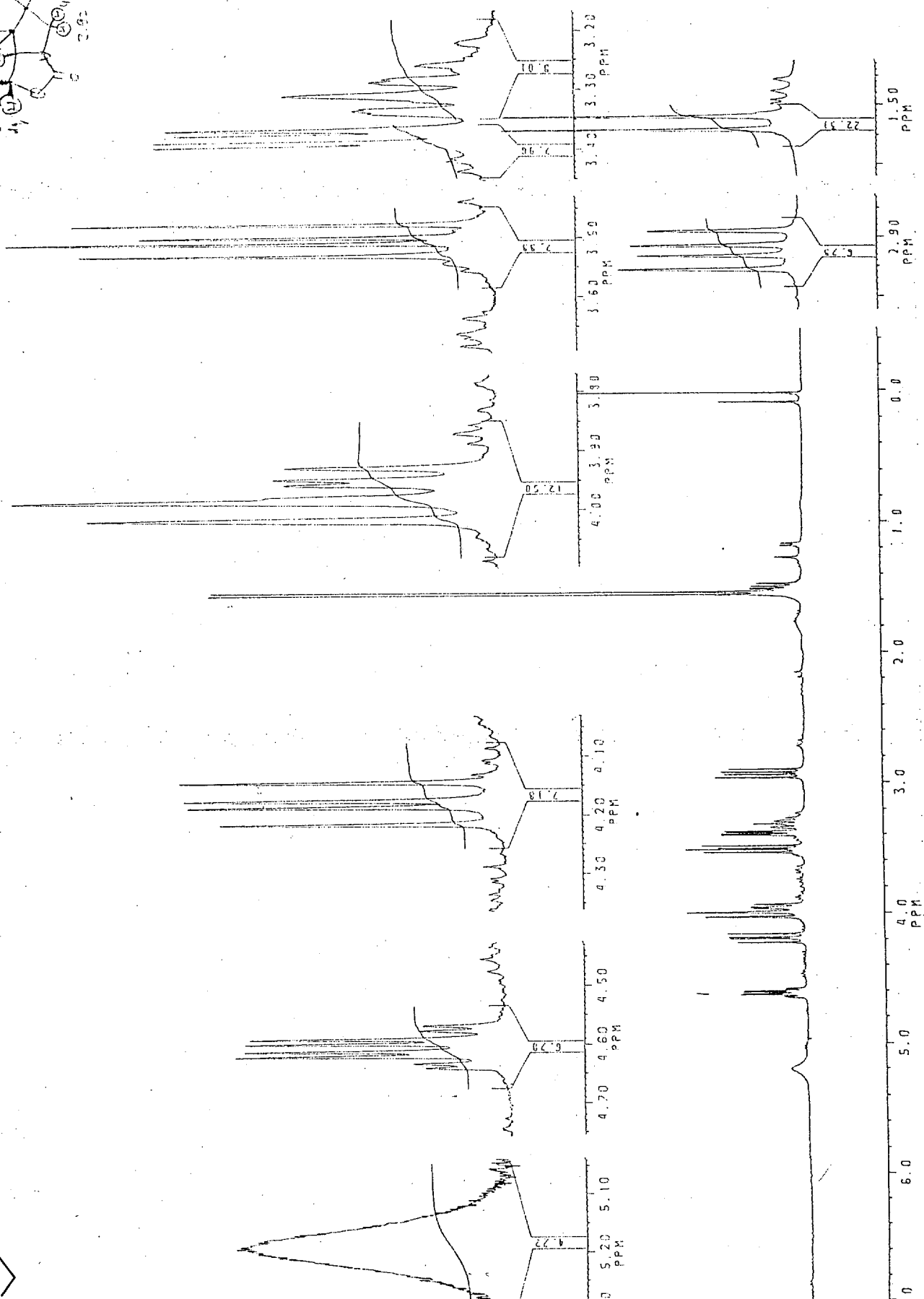


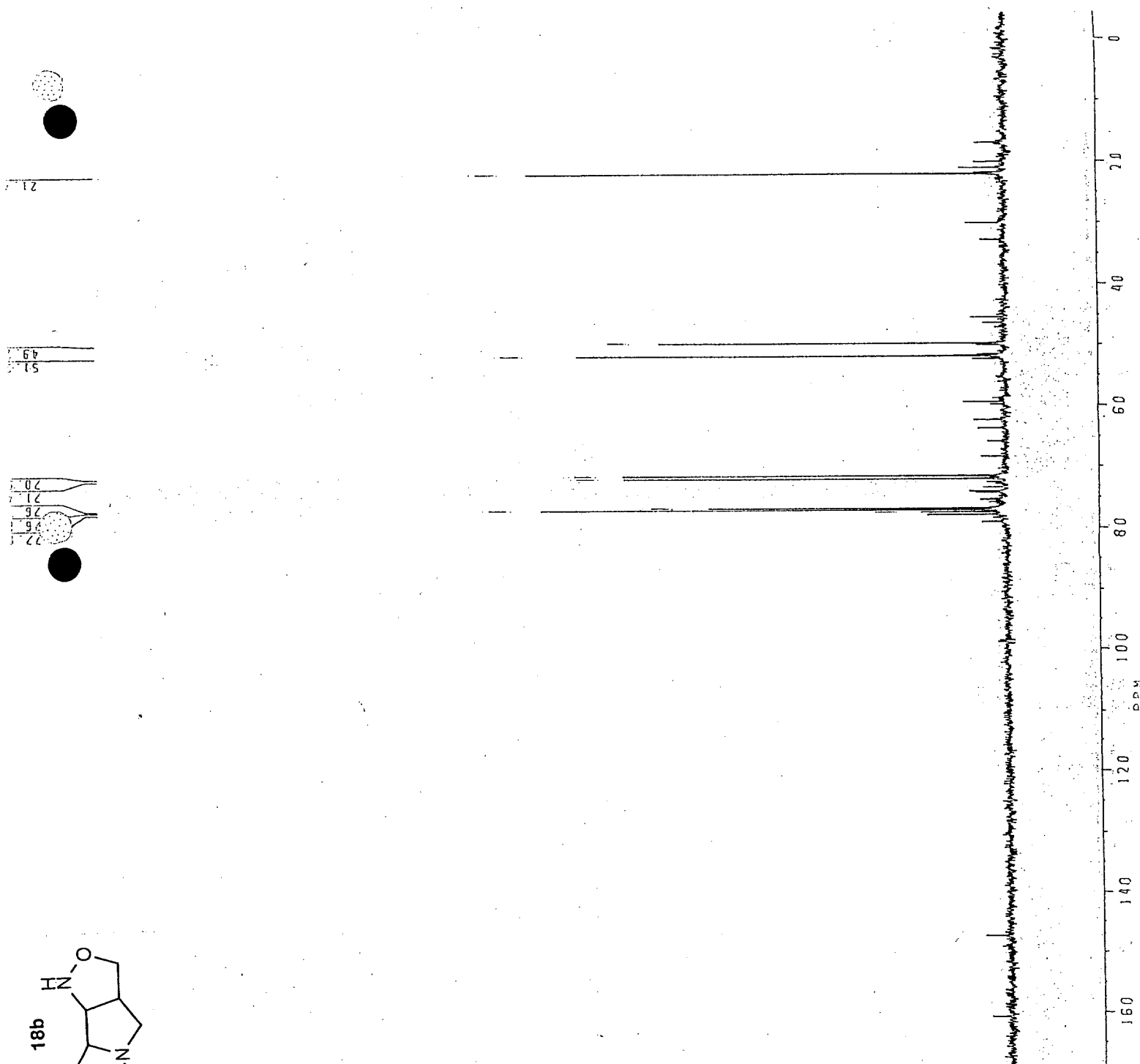
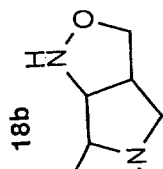
18b



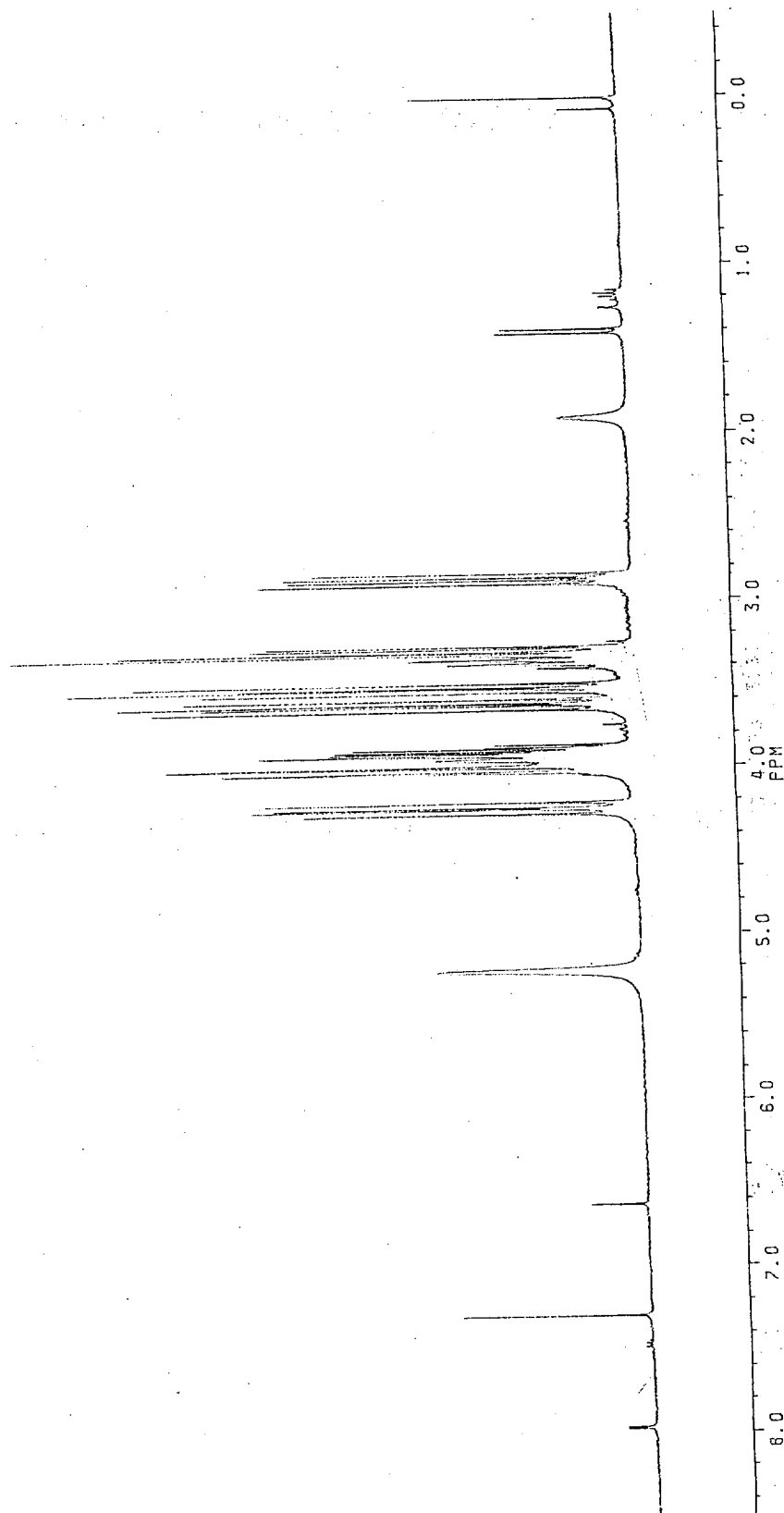
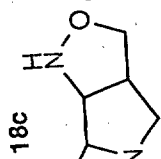
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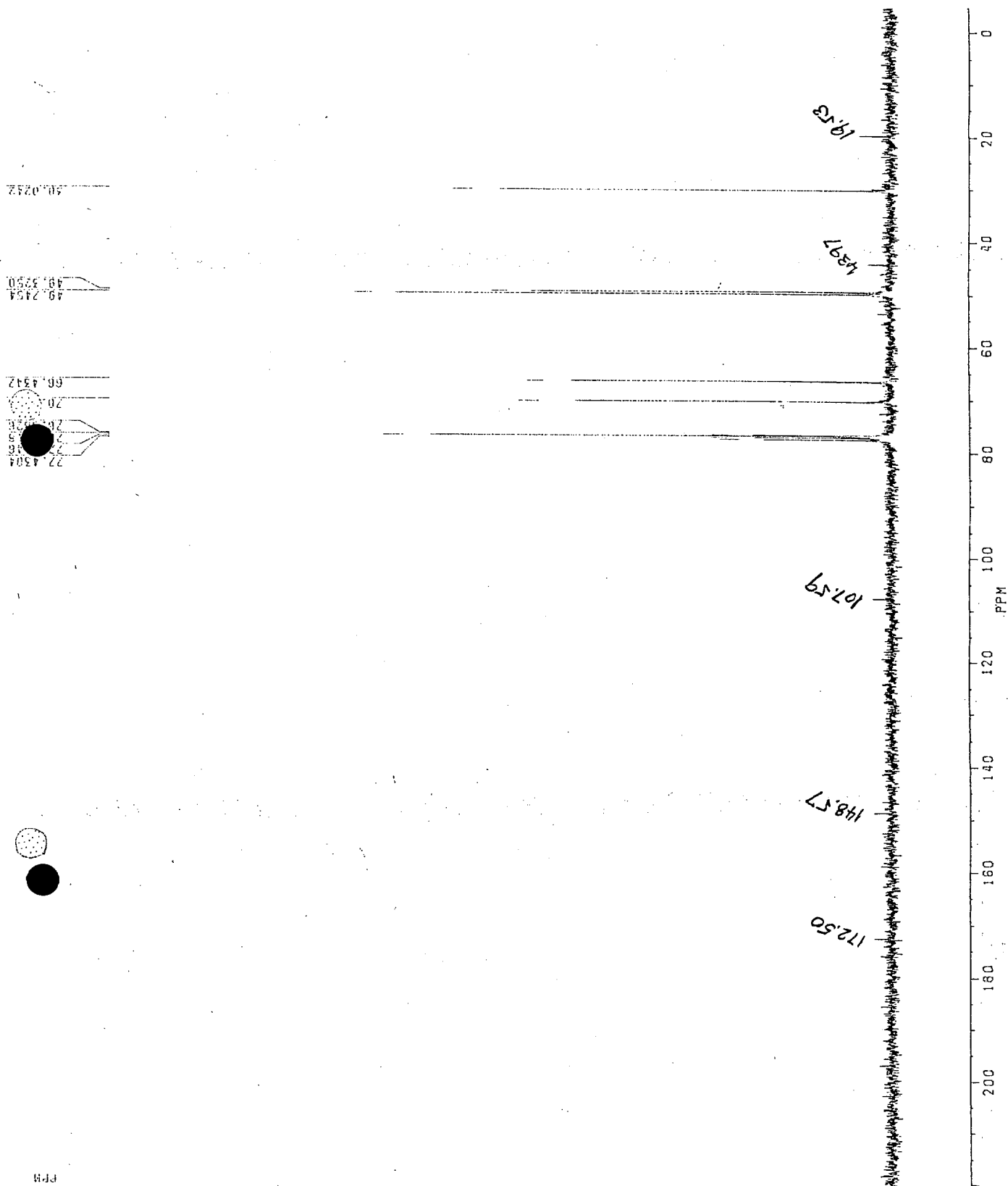
300 MHz

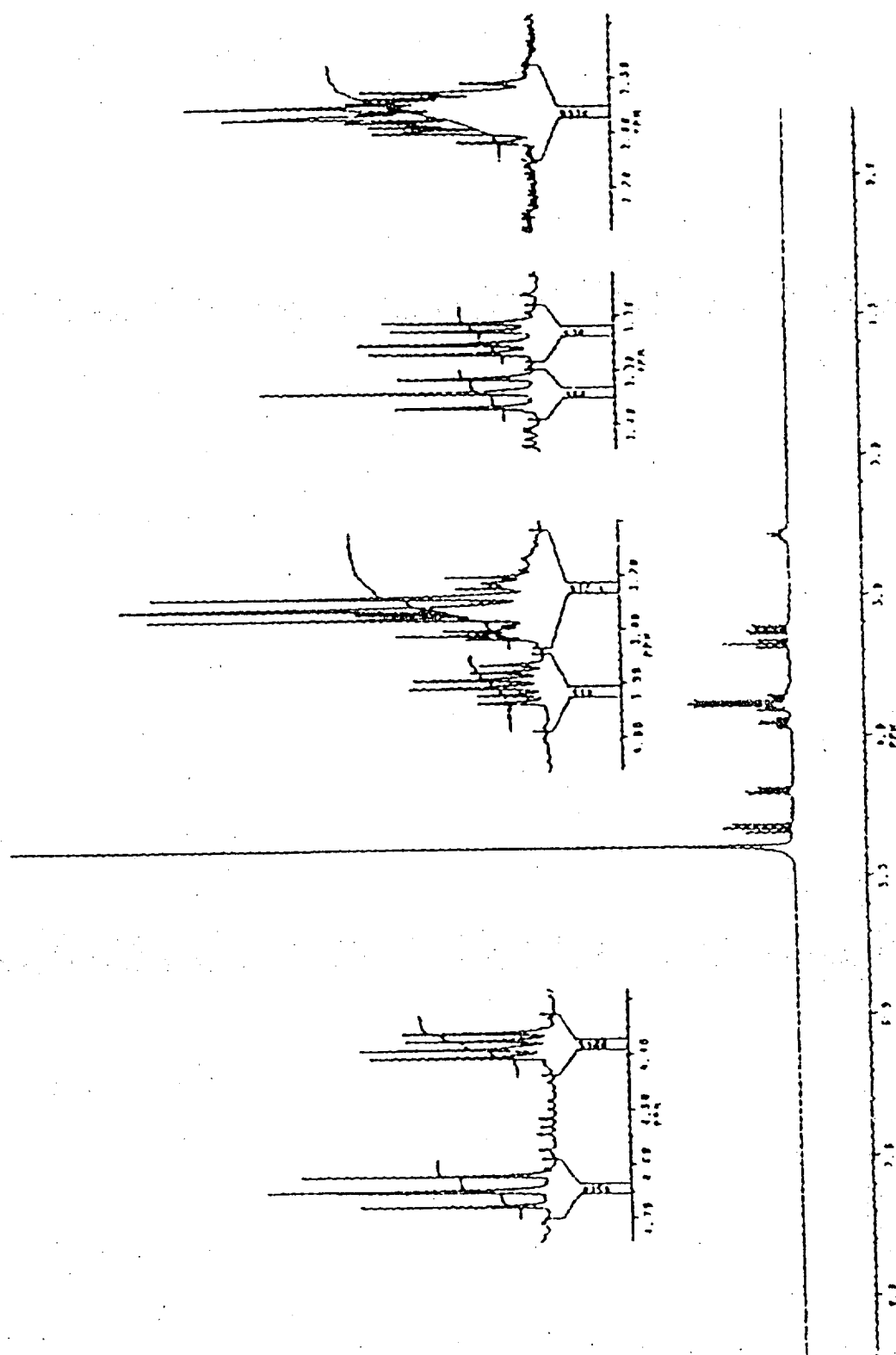
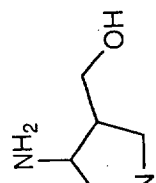


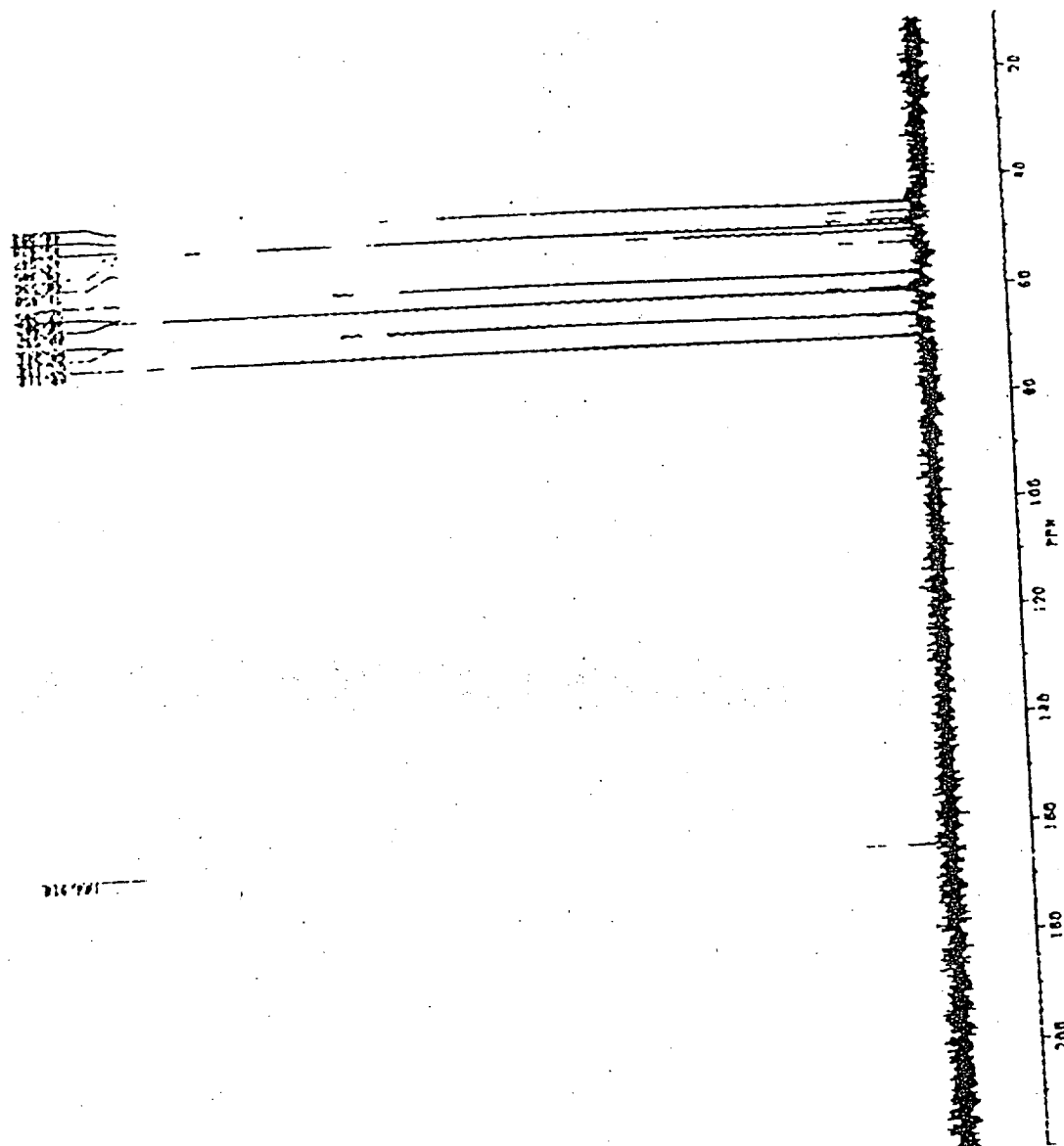
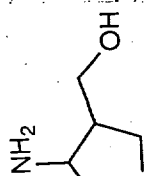


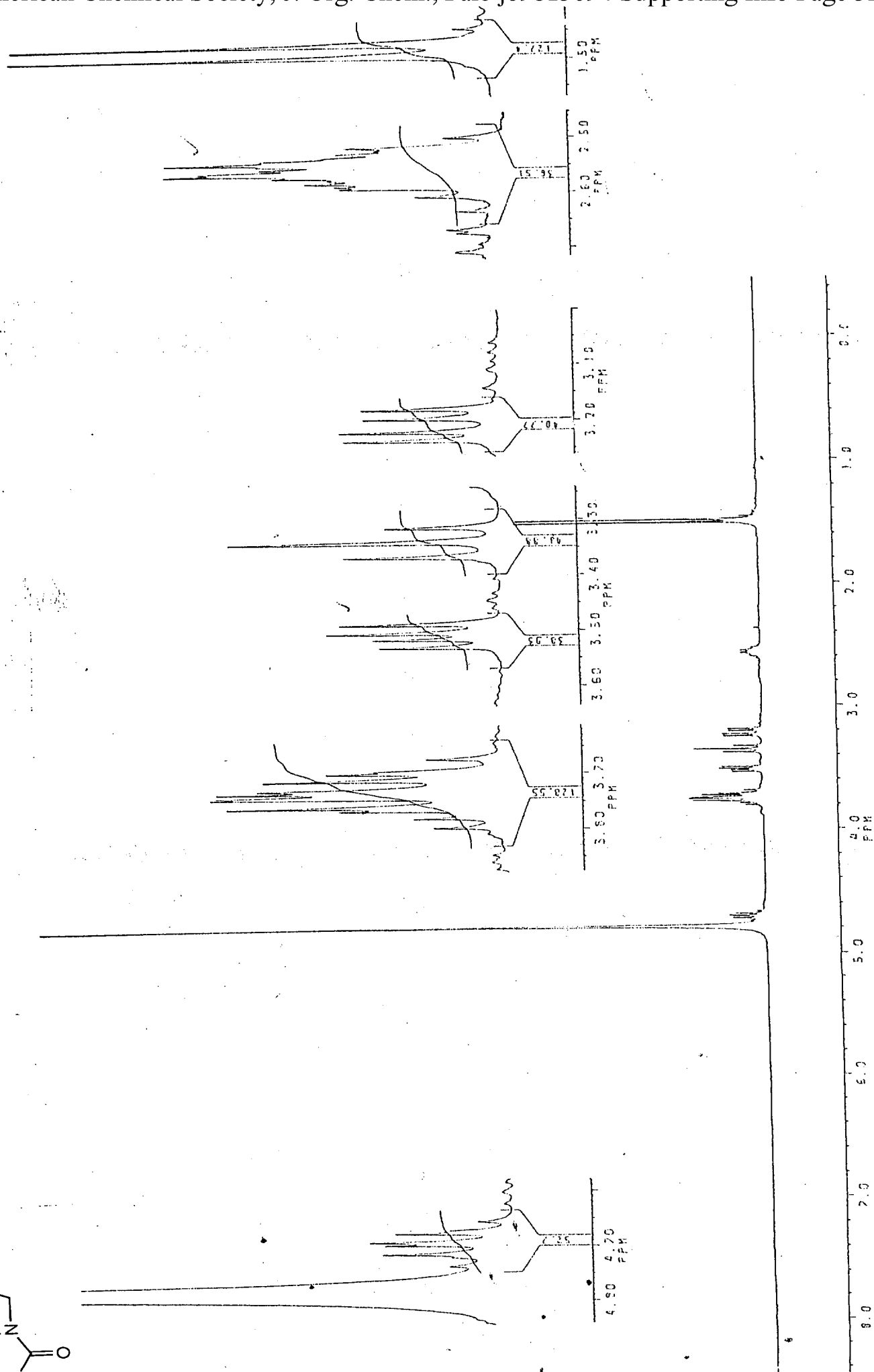
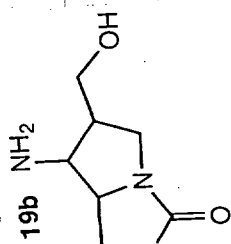
~~8XUHR~~
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 DATE 16-2-94
 SF 75.469
 SY 112.3500000
 SI 16000.000
 SI 32268
 SI 52768
 SI 20000.000
 SI/PI 1.221
 PI 5.0
 PI 0.0
 PI 0.019
 PI 433
 PI 1225
 PI 292
 FW 250.00
 SI 4500.000
 SI 9L B2
 LB 2.000
 GB 0.0
 CX 30.00
 CY 0.0
 FI 220.0032
 FI -4.991P
 HZ/CM 565.999
 PPM/CM 2.500
 SR 30603.22

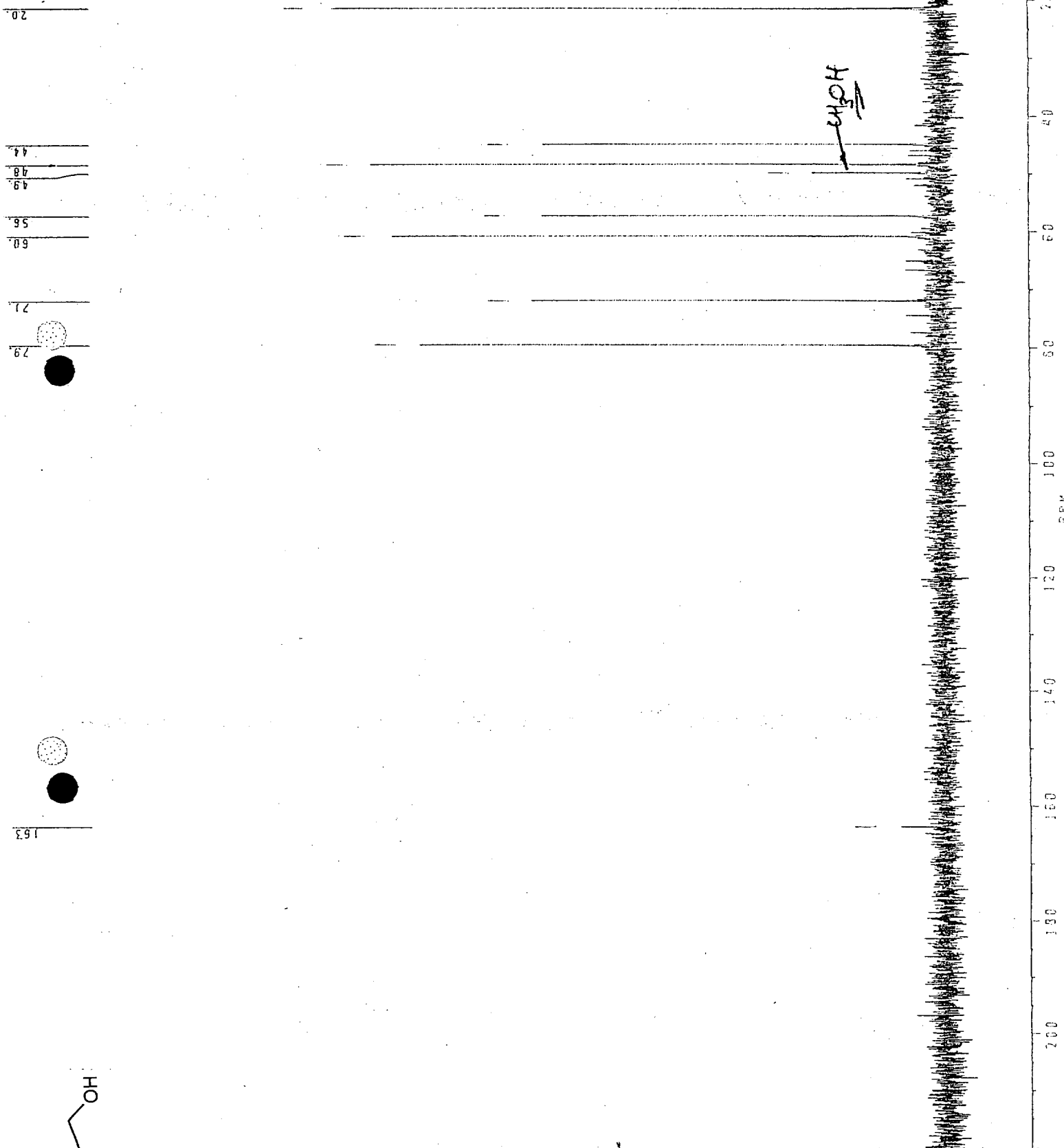


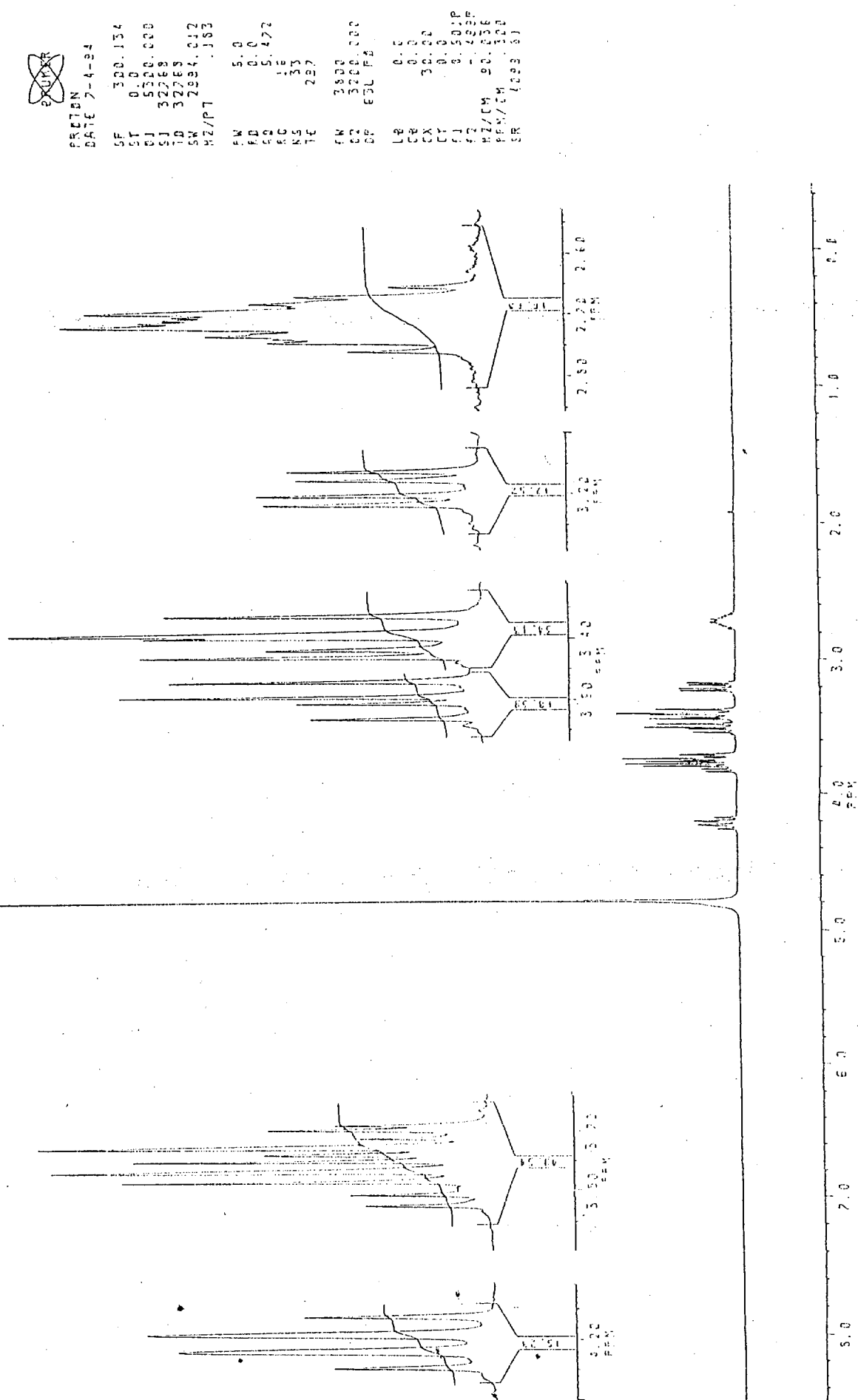


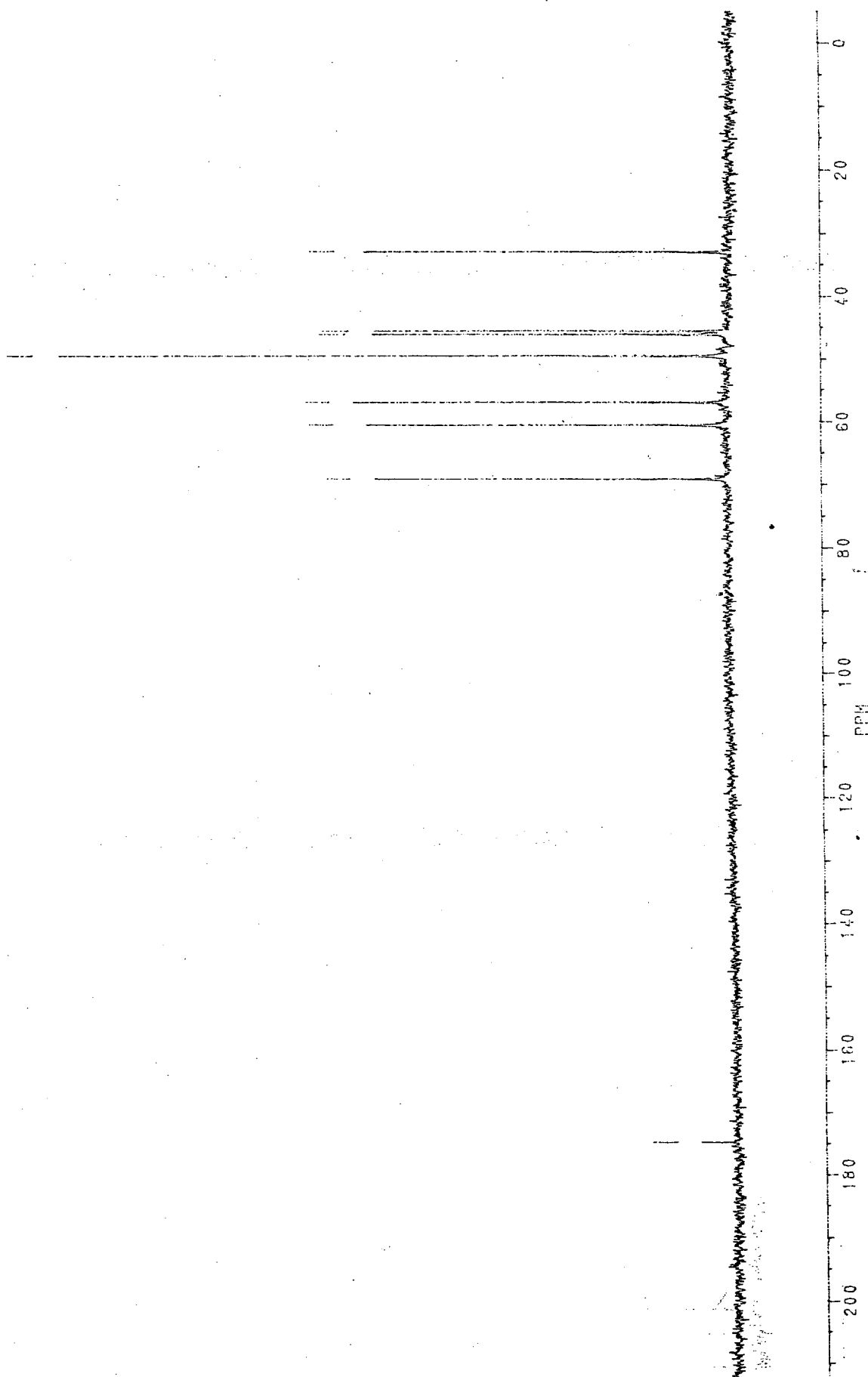
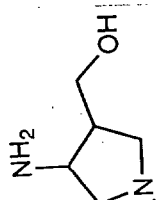


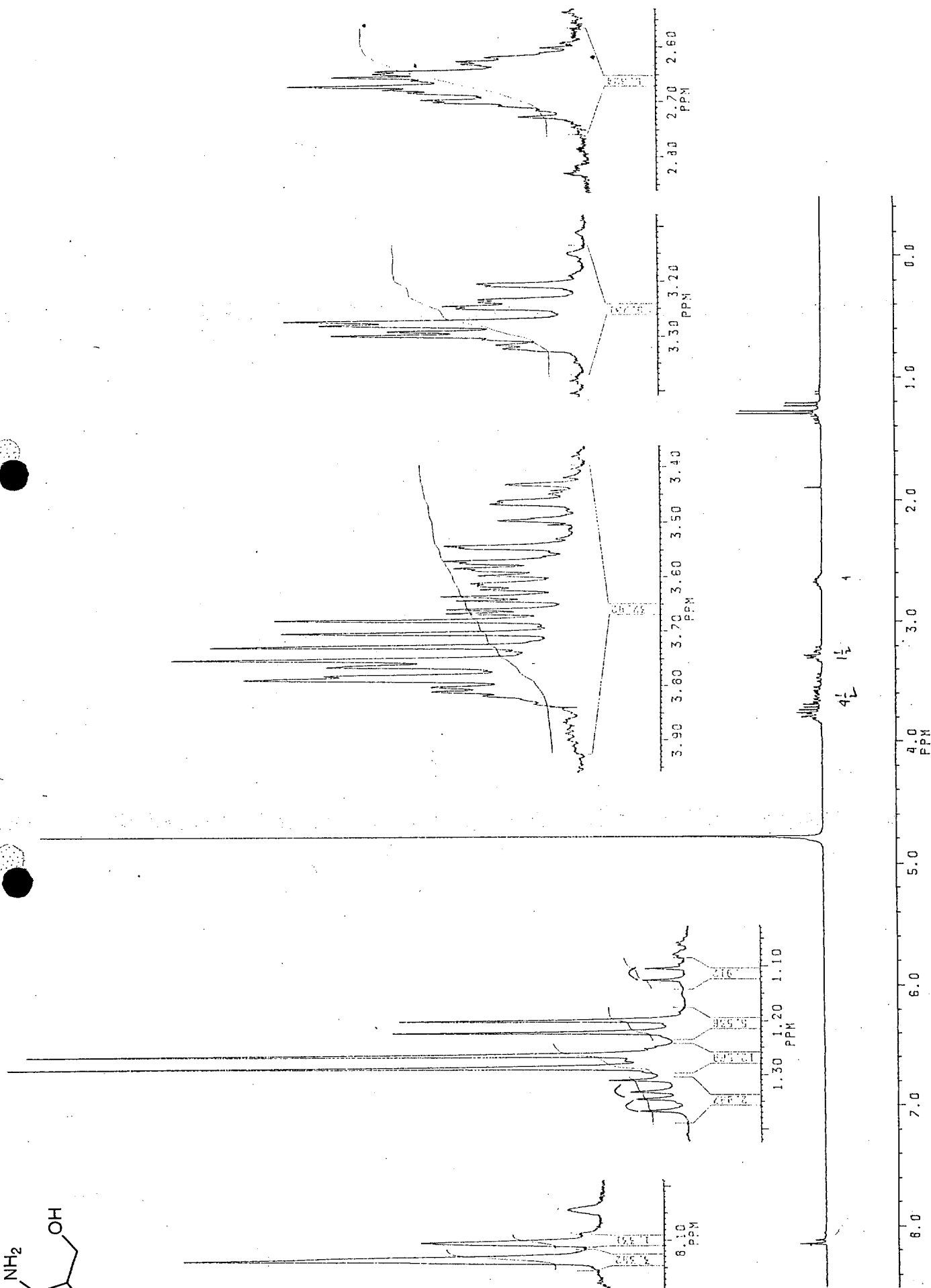
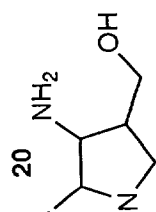




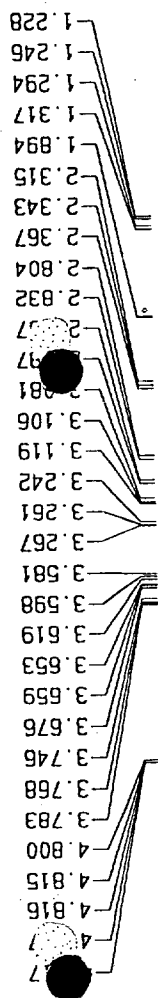
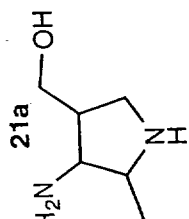










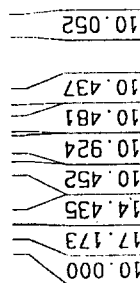


Current Data Parameters
 NAME yb-i-101
 EXPNO 1
 PROCNO 1

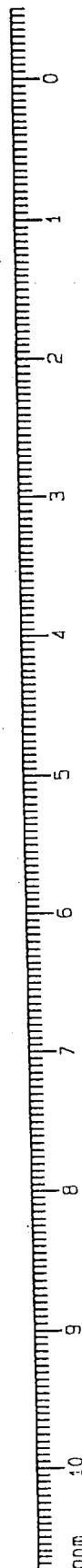
F2 - Acquisition Parameters
 Date_ 980406
 Time 10.24
 INSTRUM spect
 PROBHD 5 mm Multinu
 PULPROG zg
 TD 32768
 SOLVENT DMSO
 NS 32
 DS 0
 SWH 4194.631 Hz
 FIDRES 0.128010 Hz
 AQ 3.9059956 sec
 RG 181
 DW 119.200 usec
 DE 4.50 usec
 TE 300.0 K
 D1 0.00100000 sec
 P1 8.50 usec
 DE 4.50 usec
 SFO1 300.1314399 MHz
 NUC1 1H
 PL1 -3.00 dB

F2 - Processing parameters
 SI 32768
 SF 300.1299993 MHz
 WDW EM
 SSB 0
 LB 0.00 Hz
 GB 0
 PC 1.00

1D NMR plot parameters
 CX 22.50 cm
 F1P 10.750 ppm
 F1 3226.40 Hz
 F2P -0.500 ppm
 F2 -150.07 Hz
 PPMCM 0.50000 ppm/cm
 HZCM 150.06500 Hz/cm



Integral

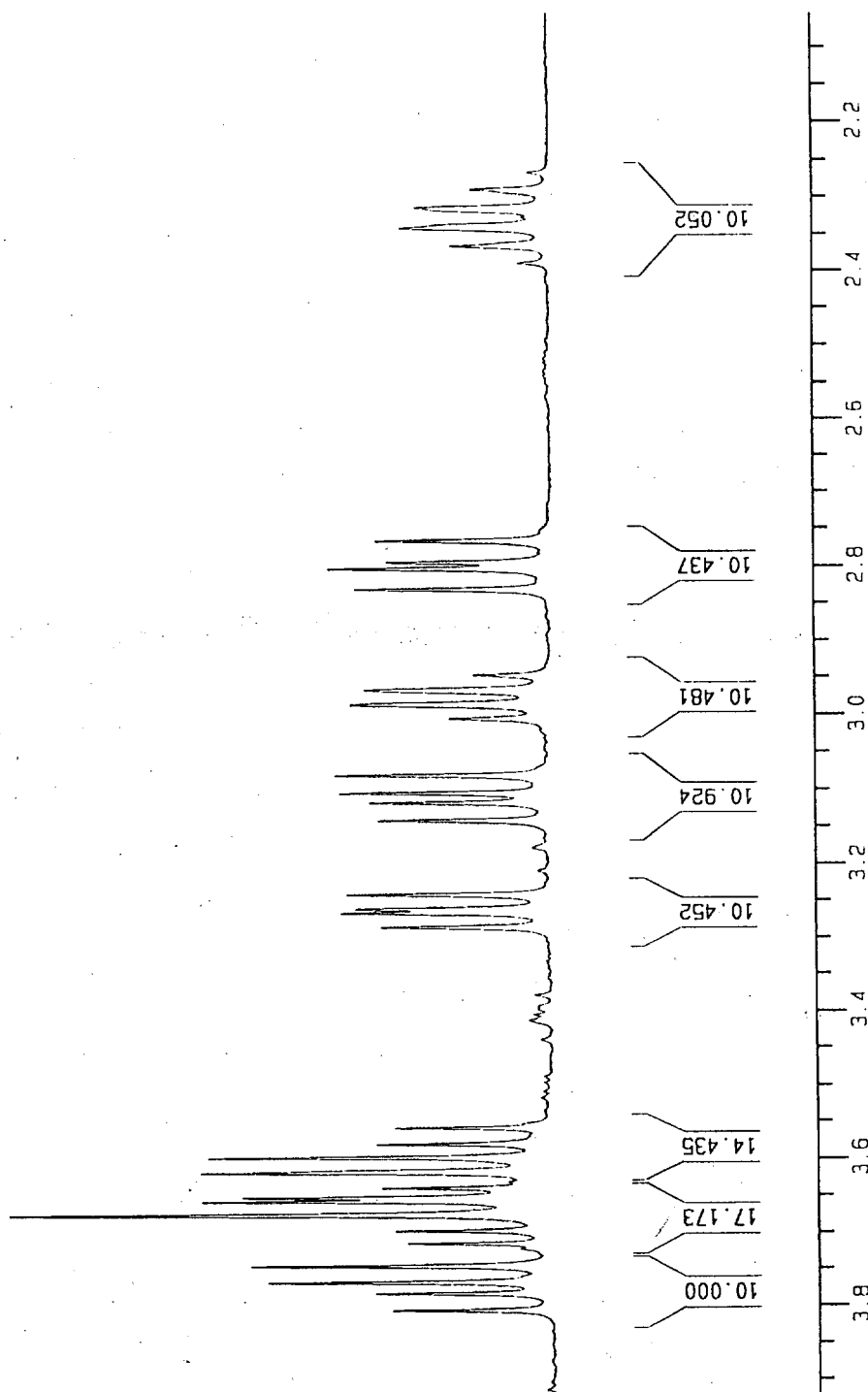
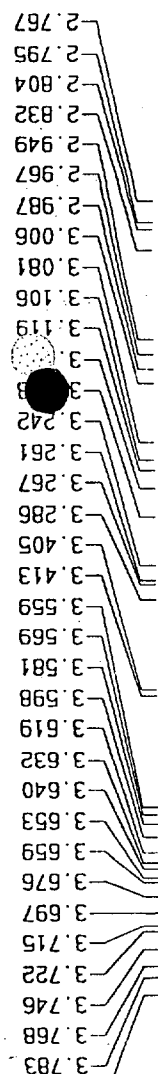
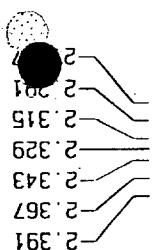


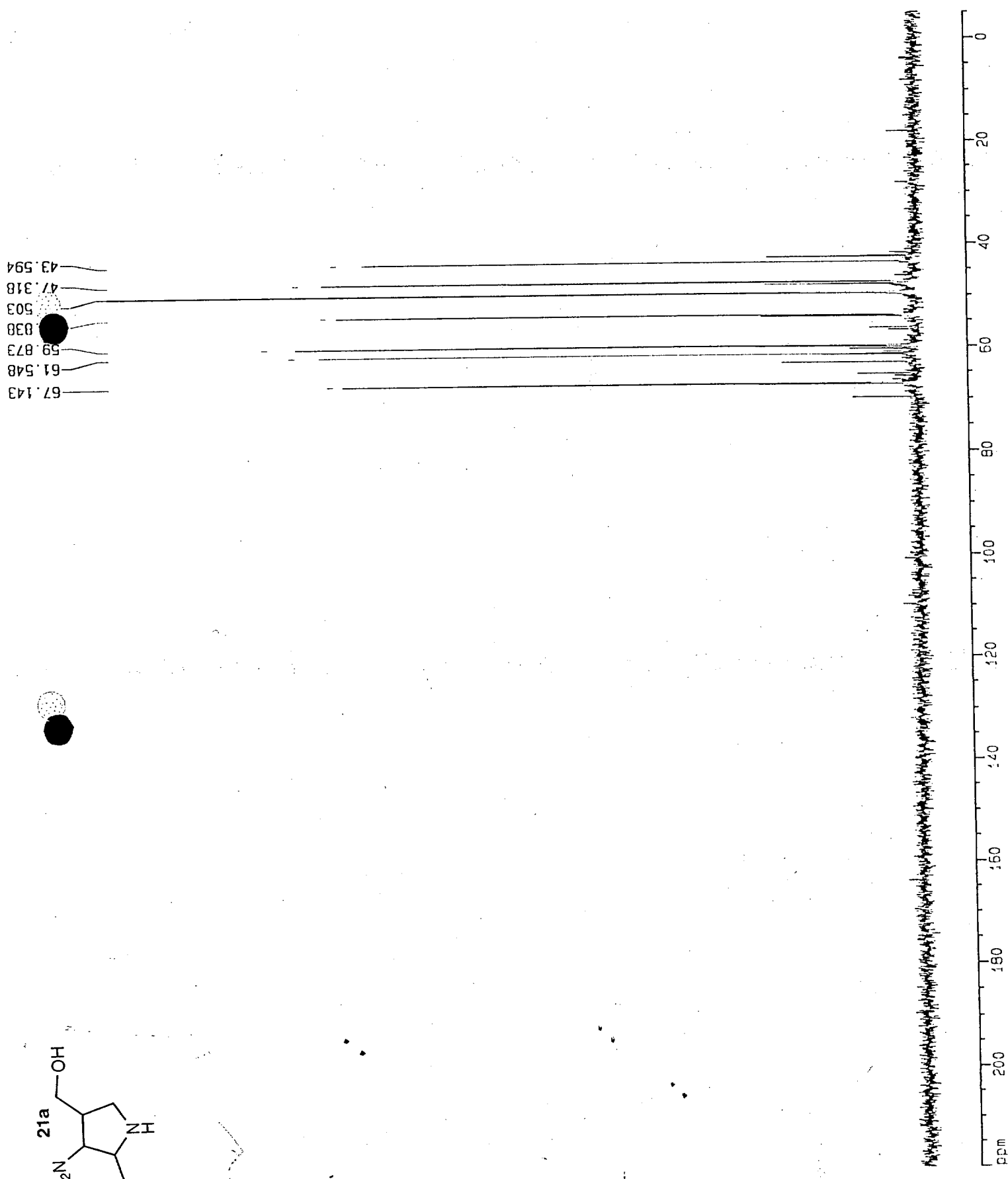
Current Data Parameters
 NAME yb-i-101
 EXPNO 1
 PROCNO 1

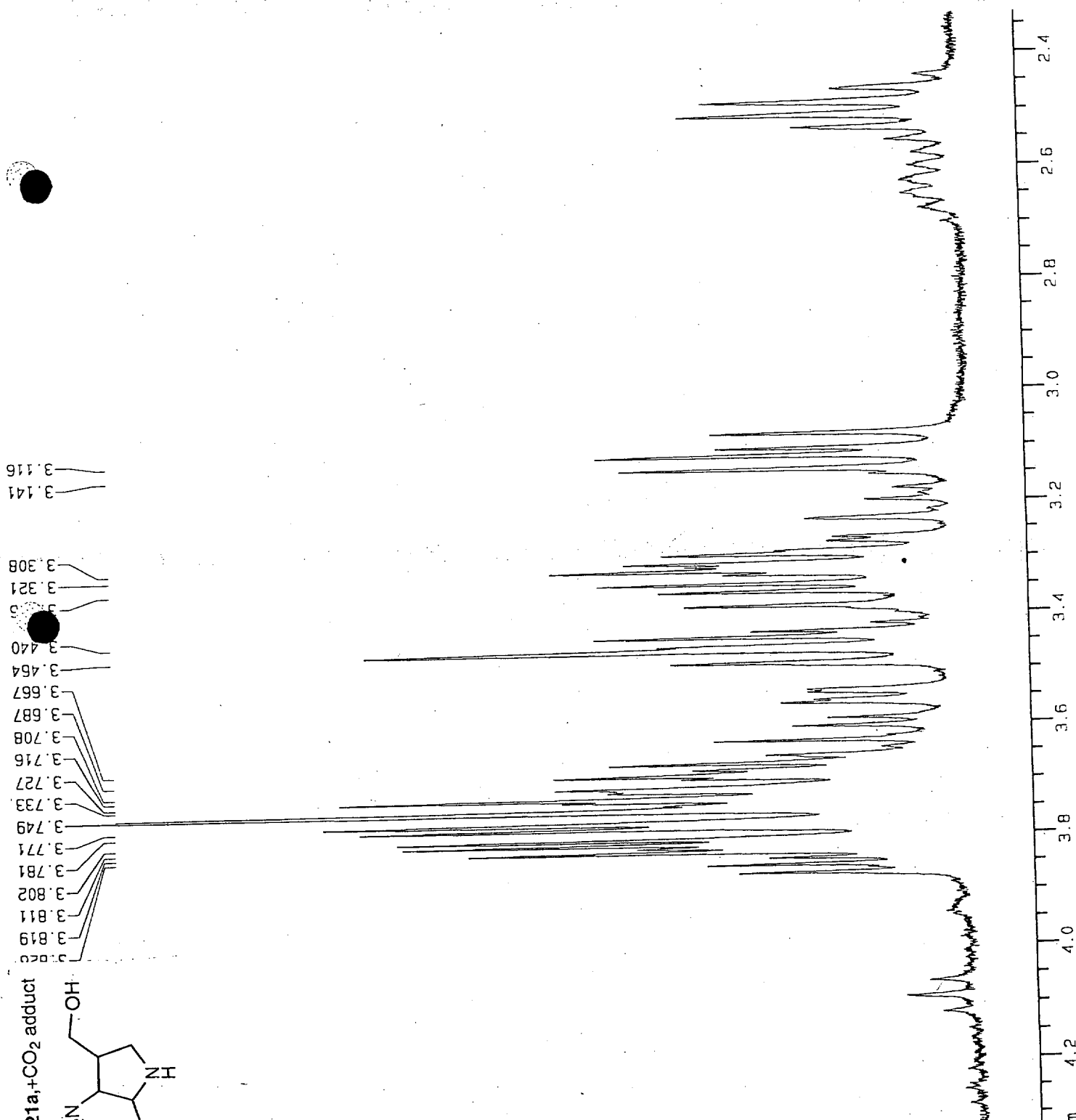
F2 - Acquisition Parameters
 Date_ 980405
 Time 10.24
 INSTRUM spect
 PROBHD 5 mm Multinu
 PULPROG zg
 TD 32768
 SOLVENT CDCl3
 NS 32
 DS 0
 SWH 4194.631 Hz
 FIDRES 0.128010 Hz
 AQ 3.905956 sec
 RG 181
 DW 119.200 usec
 DE 4.50 usec
 TE 300.0 K
 D1 0.00100000 sec
 P1 8.50 usec
 DE 4.50 usec
 SFO1 300.1314399 MHz
 NUC1 1H
 PL1 -3.00 dB

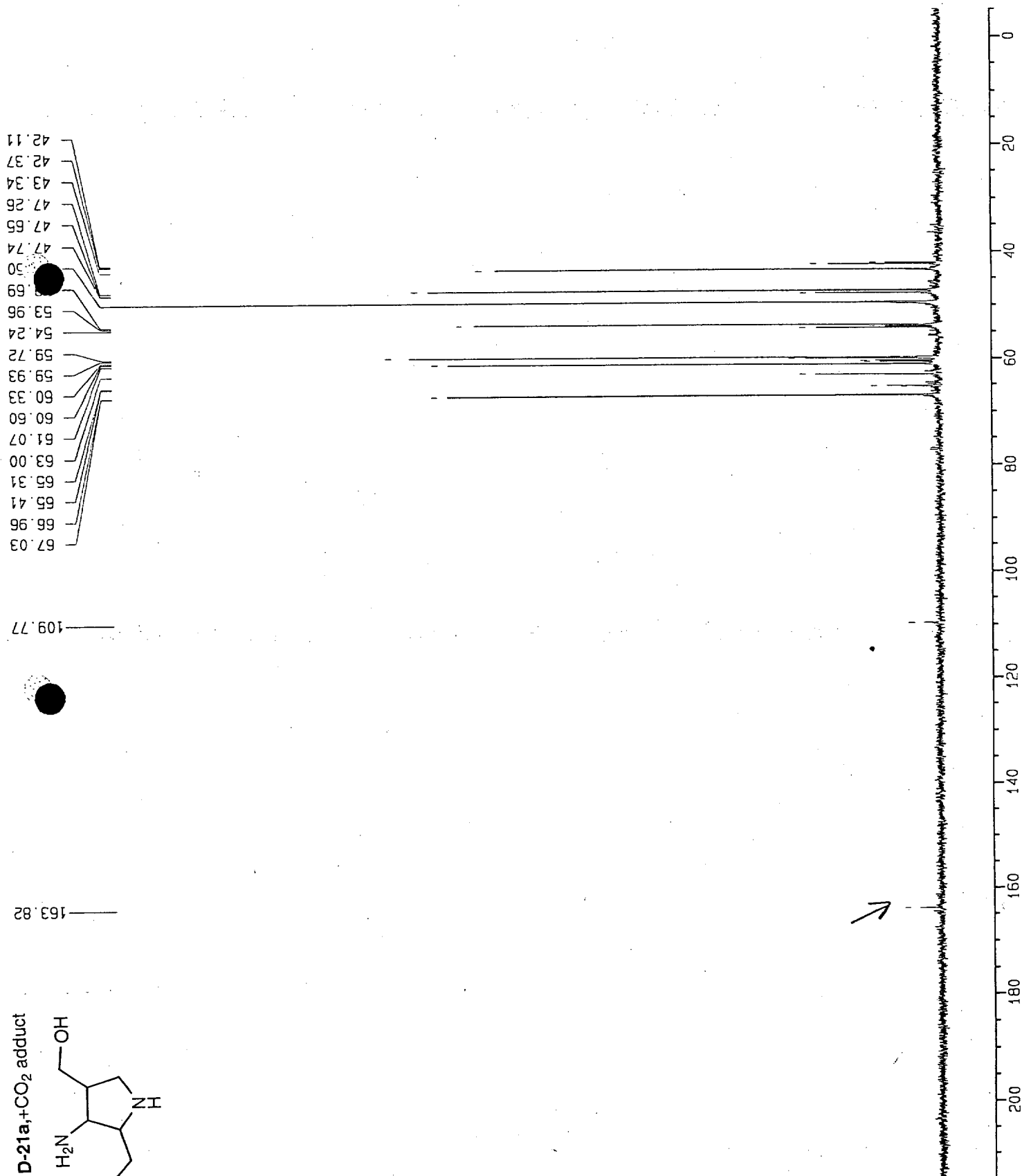
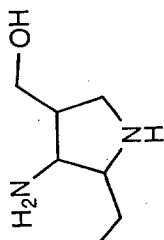
F2 - Processing parameters
 SI 32768
 SF 300.1299993 MHz
 WDW EM
 SSB 0
 LB 0.00 Hz
 GB 0
 PC 1.00

1D NMR plot parameters
 CX 19.46 cm
 F1P 3.999 ppm
 F1 1200.15 Hz
 F2P 2.054 ppm
 F2 616.36 Hz
 PPMCM 0.05996 ppm/cm
 HZCM 30.00000 Hz/cm







D-21a, +CO₂ adduct

Current Data Parameters
NAME I-101a
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters

Date_ 980628
Time 4.45
INSTRUM spect
PROBHD 5 mm Multinu
PULPROG zgpg
TD 32768
SOLVENT CDCl3
NS 130000
DS 0
SWH 19723.865 Hz
FIDRES 0.601925 Hz
AQ 0.8307188 sec
RG 5792.6
DM 25.350 usec
DE 9.46 usec
TE 300.0 K
D11 0.10000000 sec
PL12 10.00 dB
waltz16
PCPD2 100.00 usec
SF02 300.1312000 MHz
NUC2 1H
PL2 -6.00 dB
D1 0.10000000 sec
P1 3.00 usec
DE 9.46 usec
SF01 75.4759867 MHz
NUC1 13C
PL1 -5.00 dB

F2 - Processing parameters

SI 32768
SF 75.4677053 MHz
WDW EM
SSB 0
LB 2.00 Hz
GB 0
PC 1.00

1D NMR plot parameters

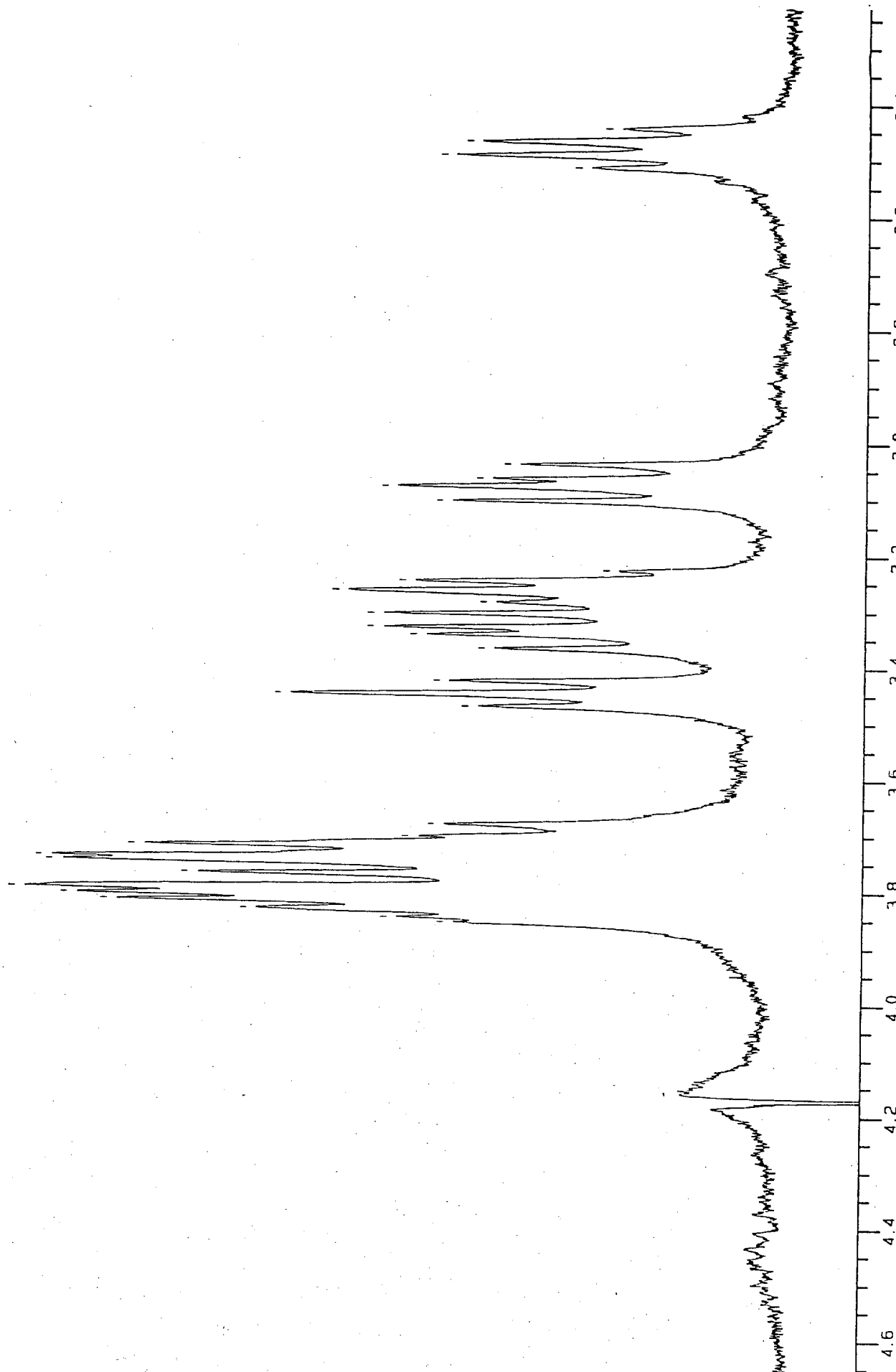
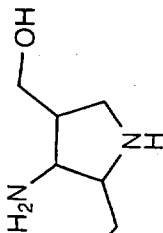
CX 22.50 cm
F1P 220.000 ppm
F1 16602.89 Hz
F2P -5.000 ppm
F2 -377.34 Hz
PPMCM 10.00000 ppm/cm
HZCM 754.67706 Hz/cm

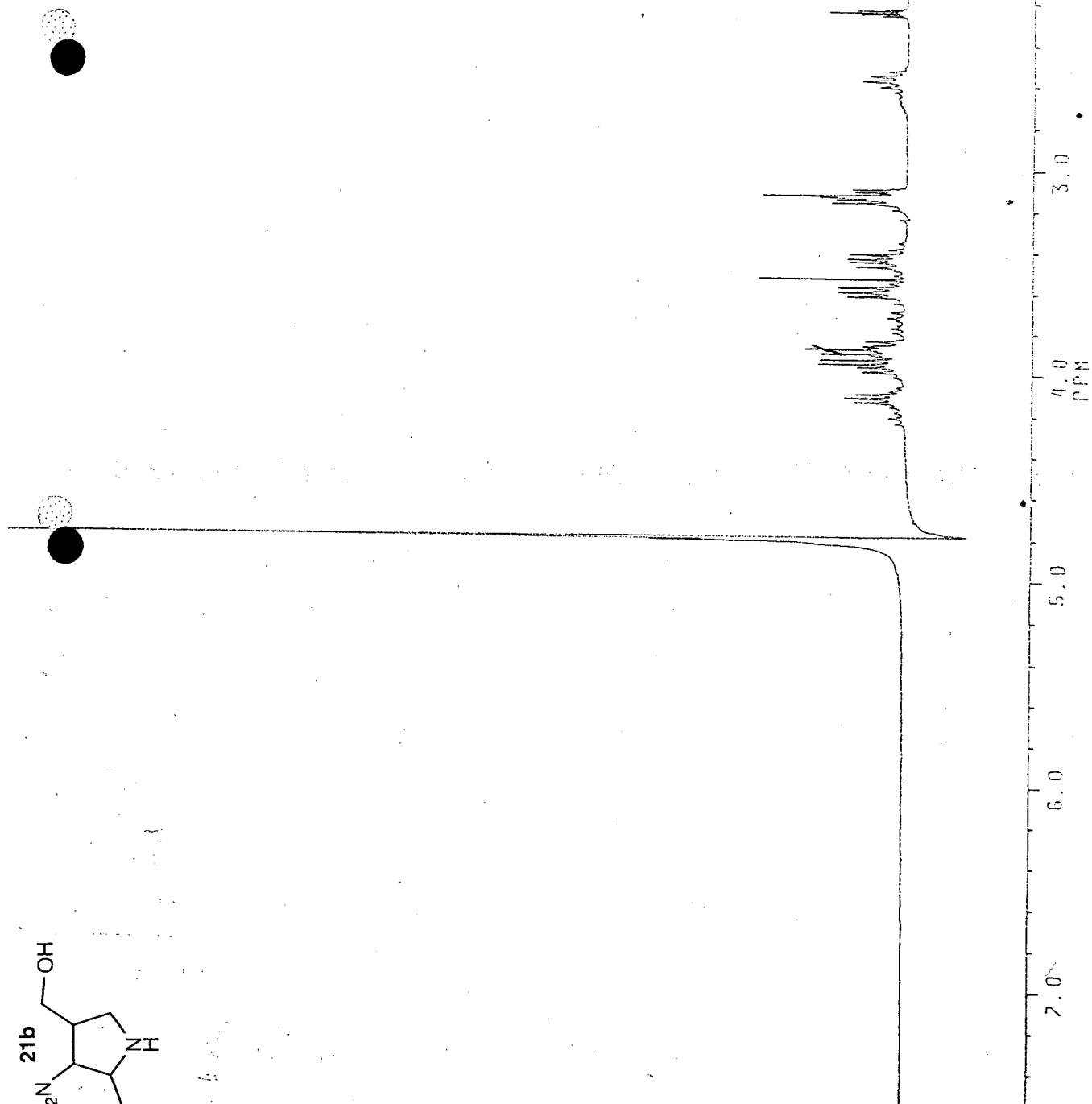
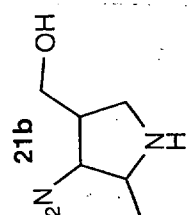
90°

2.513
2.489
2.466
2.443

3.038
3.06
3.077
3.102
3.226
3.245
3.263
3.282
3.303
3.328
3.341
3.366
3.424
3.447
3.469
3.680
3.702
3.719
3.741
3.748
3.76
3.797
3.807
3.818
3.831
3.846
3.854

3, 90°C (loss of CO₂)





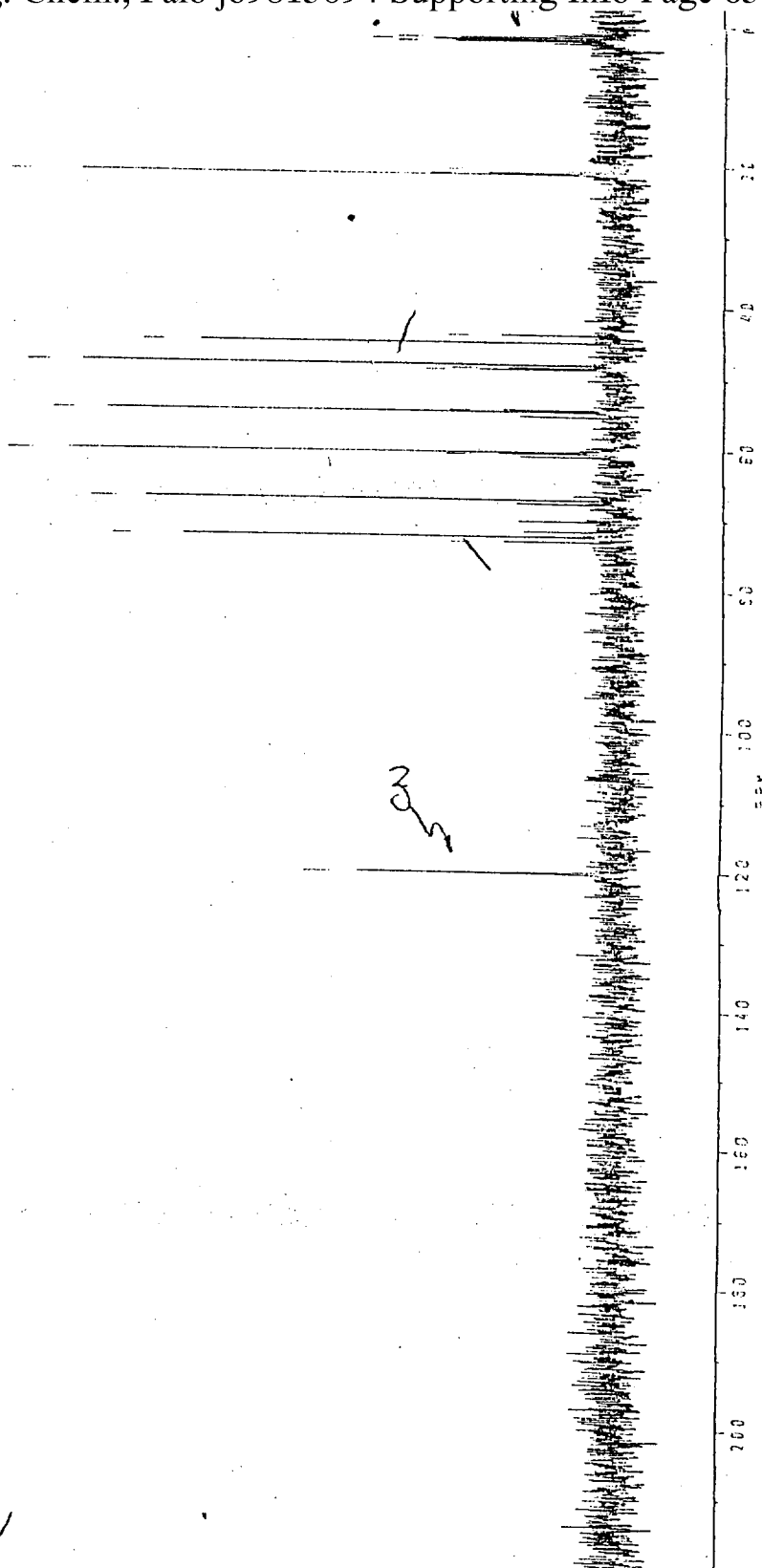
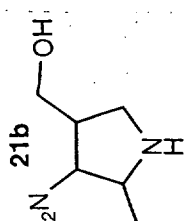
1.520
1.234
1.172

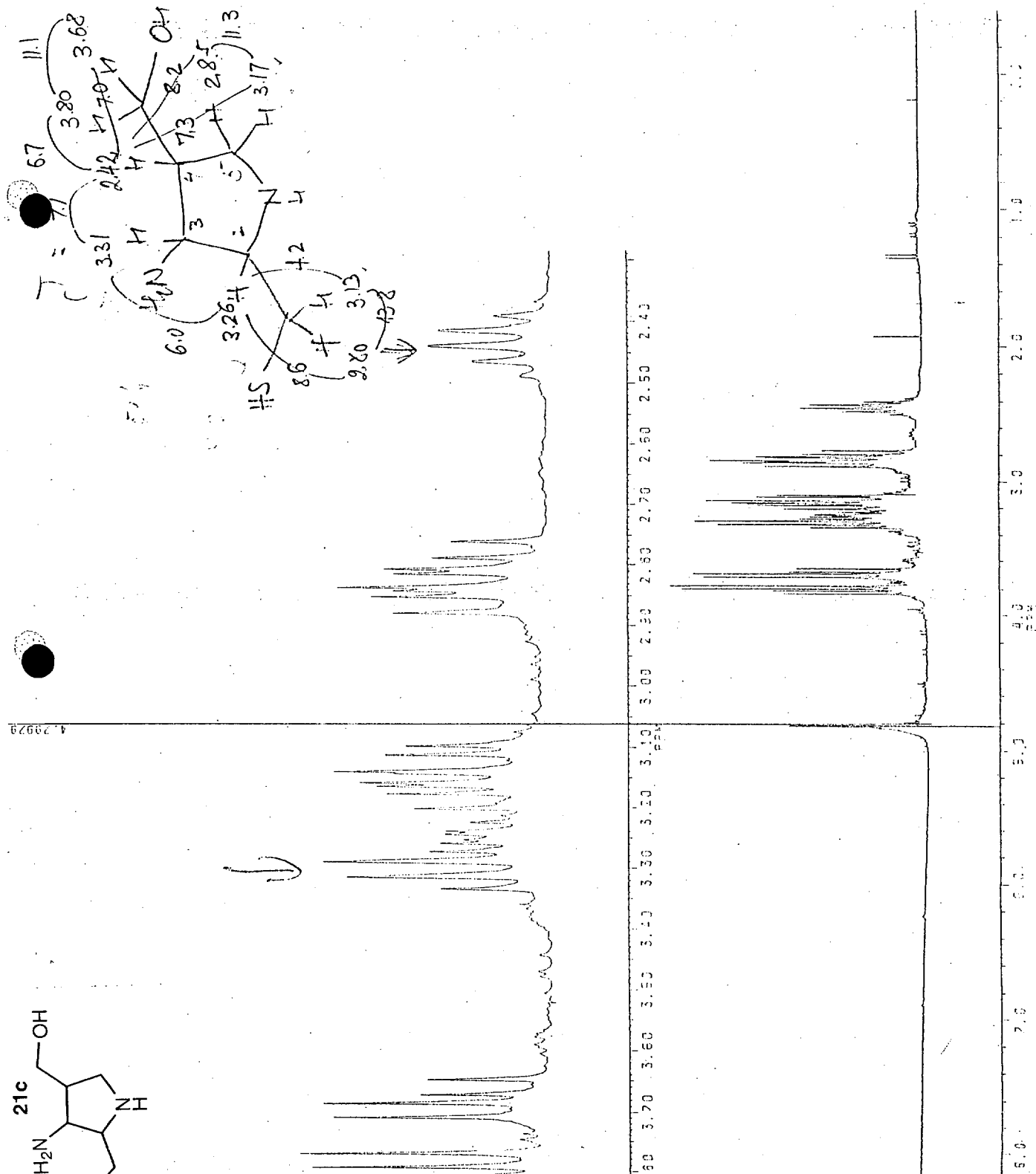
20.658
20.425
20.195

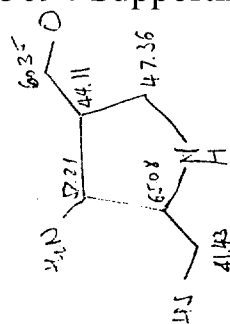
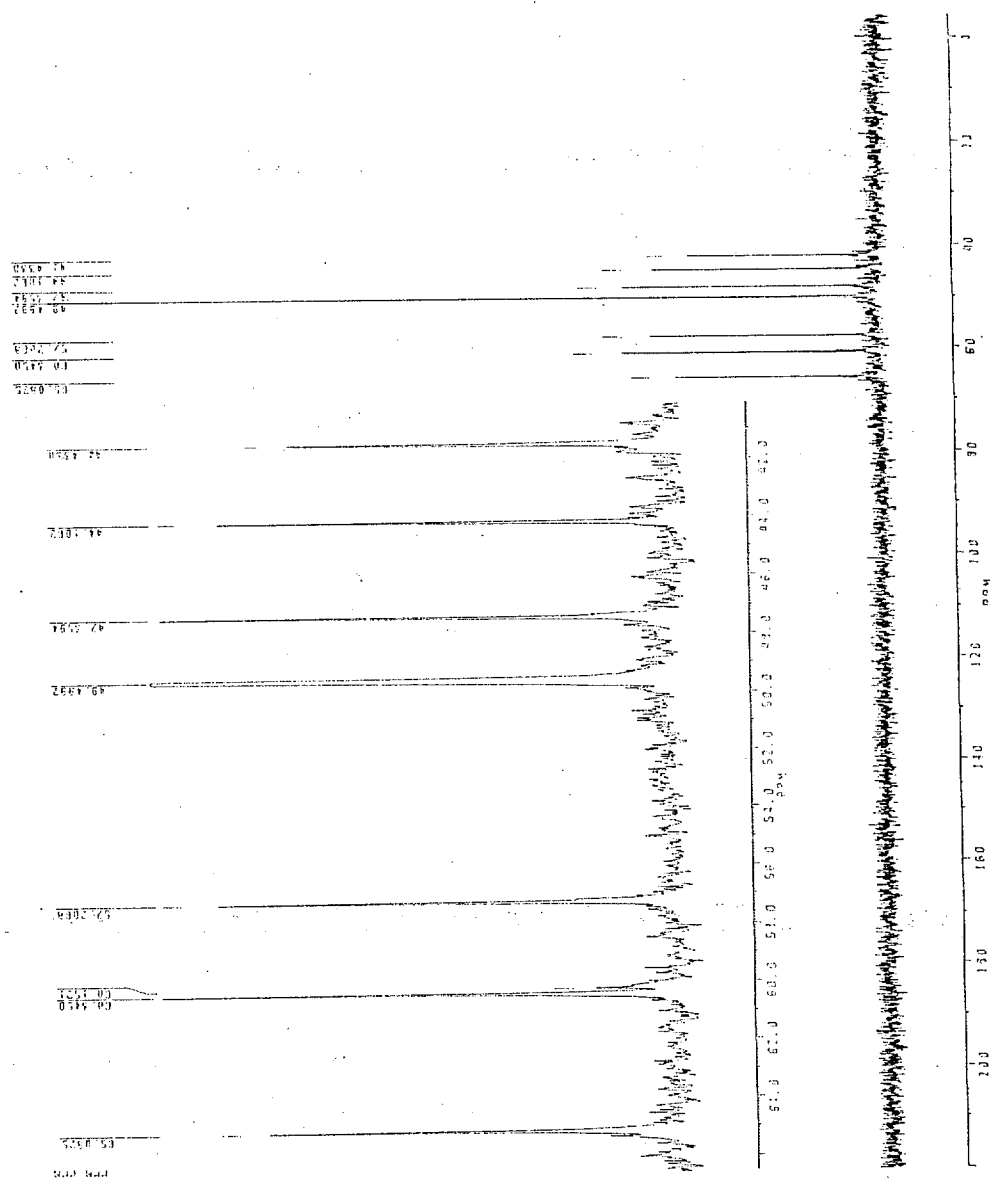
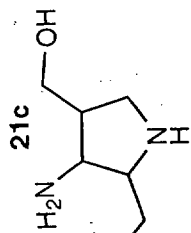
72.213
72.010
66.810
60.210
59.953
51.224
51.029
48.022
47.829
47.461
44.500
43.172

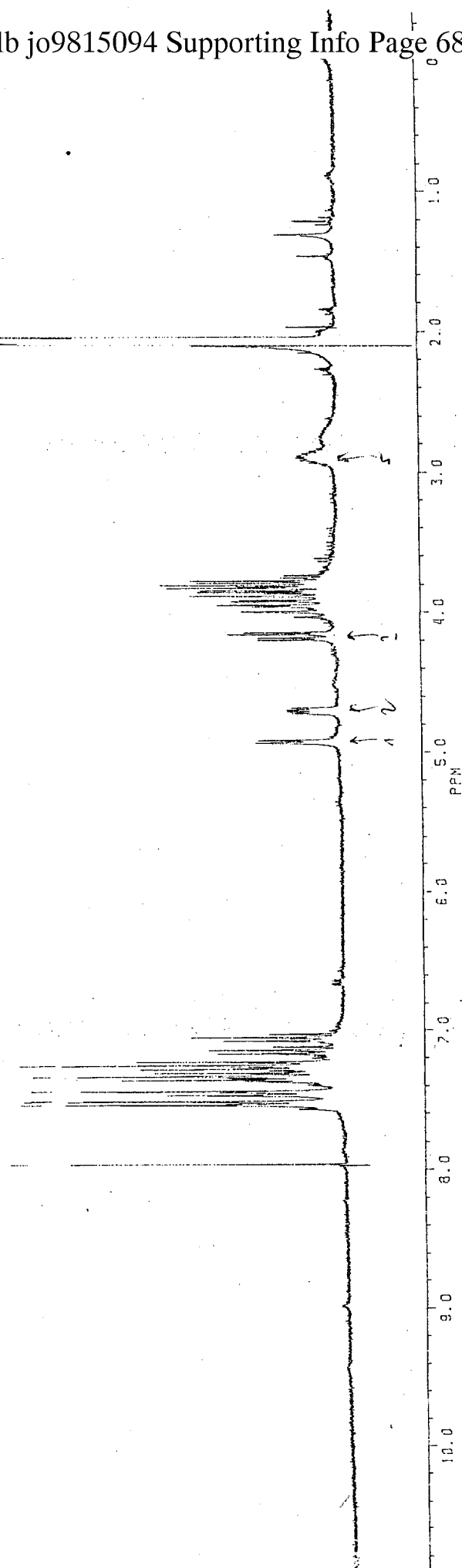
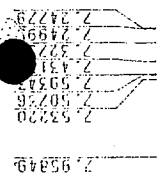
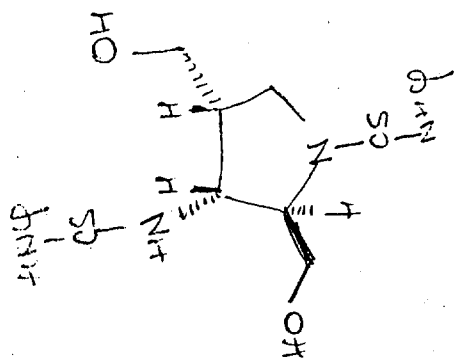
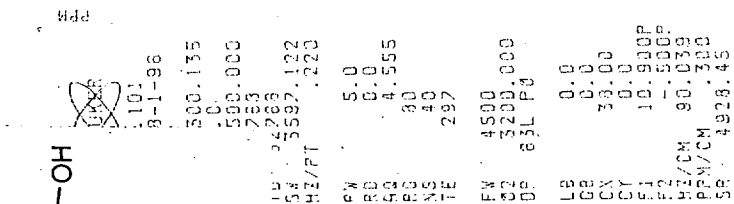
119.820

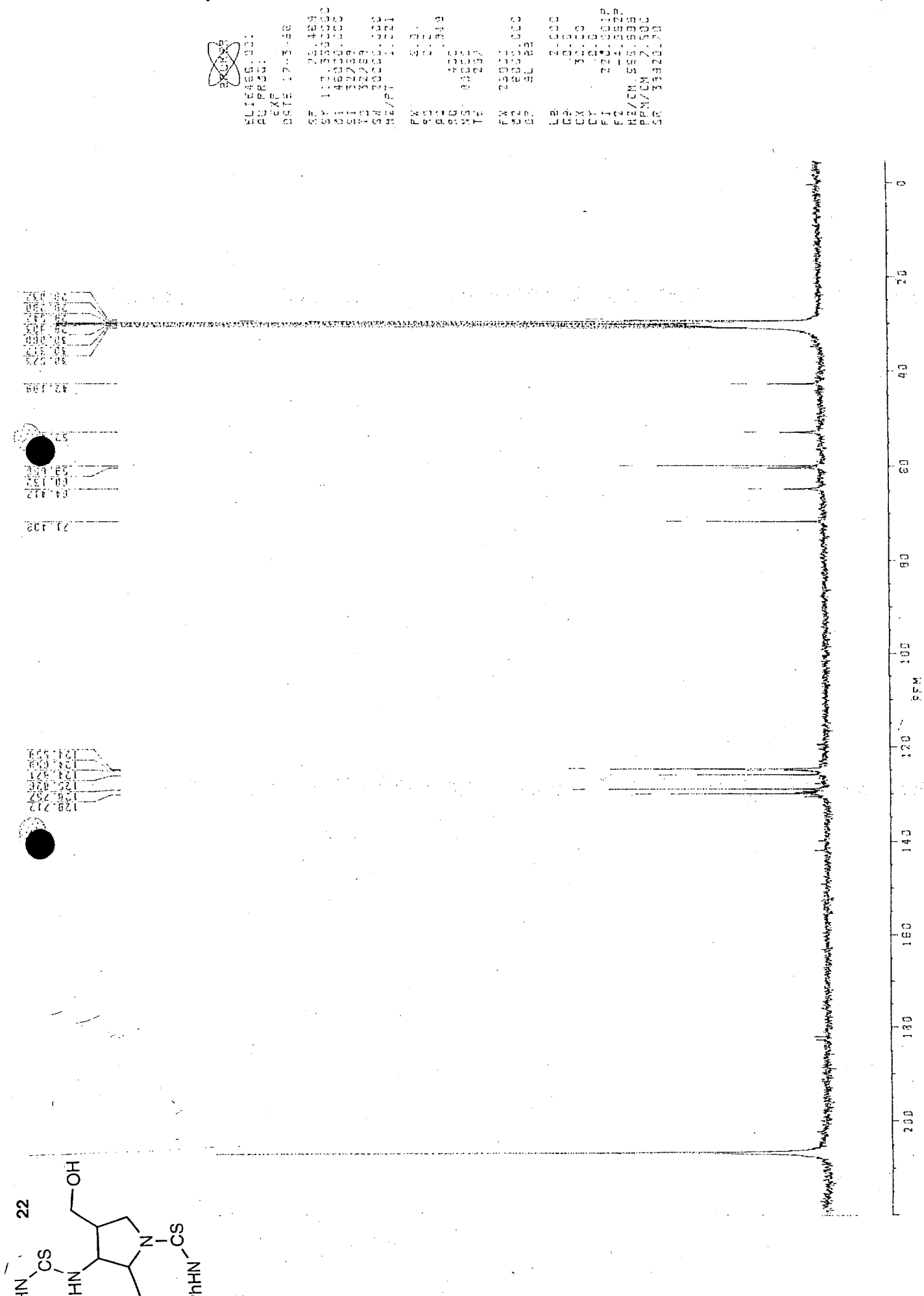
PPM

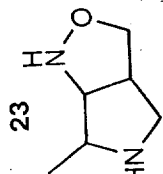












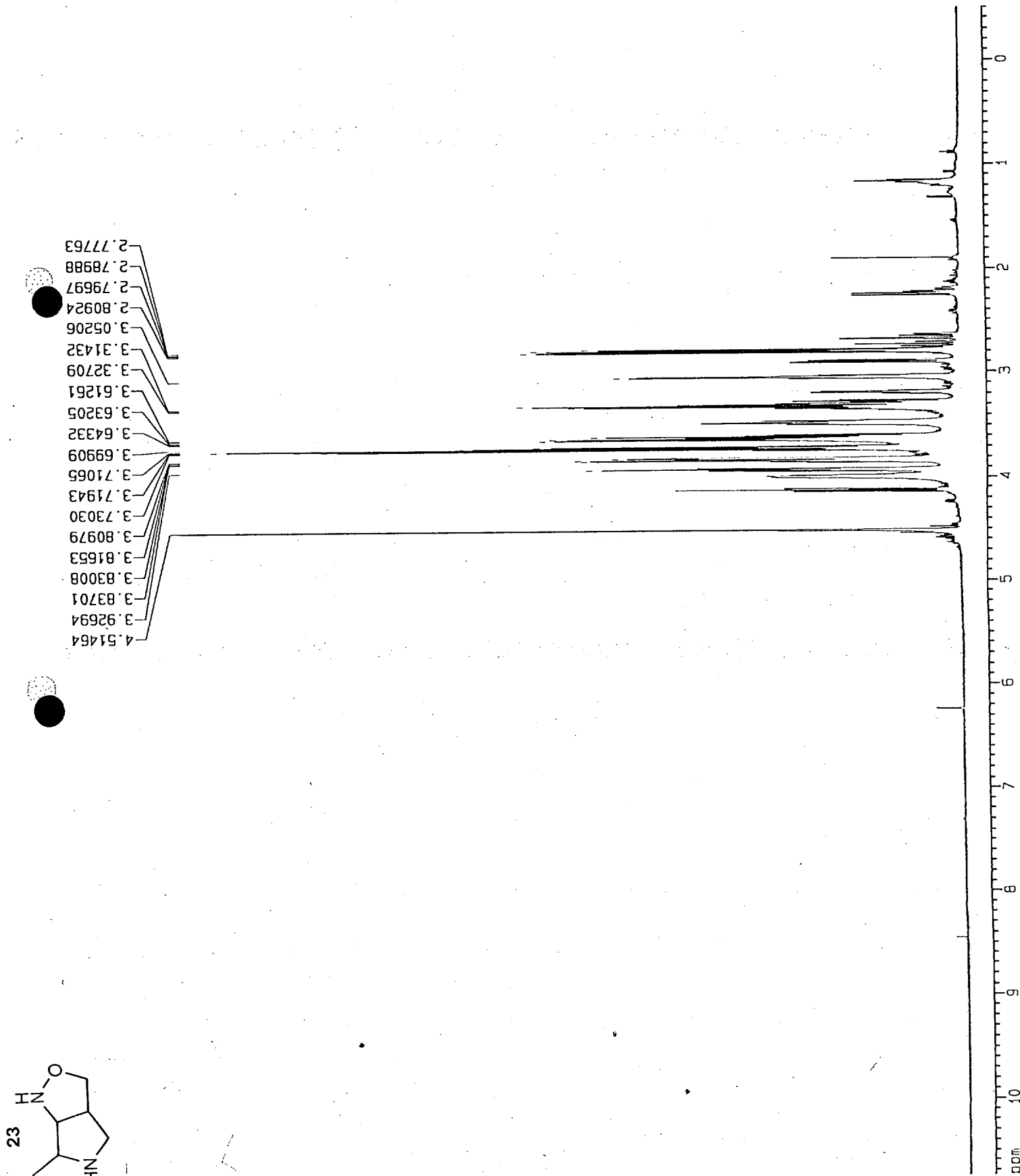
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3.92694
3.83701
3.83008
3.81653
3.80979
3.73030
3.71943
3.71065
3.69909
3.64332
3.63205
3.61261
3.32709
3.31432
3.05206
2.80924
2.79697
2.78988
2.77763

Current Data Parameters
NAME yb-1-9b
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters
Date_ 961118
Time 8.38
INSTRUM spect
PROBHD 5 mm TXI (1H)
PULPROG zg
TD 65536
SOLVENT D2O
NS 24
DS 0
SWH 8389.262 Hz
FIDRES 0.128010 Hz
AQ 3.9059956 sec
RG 256
DN 59.600 us
DE 5.00 us
TE 300.0 K
D1 0.01000000 sec
P1 5.00 us
DE 5.00 us
SFO1 600.1338000 MHz
NUC1 1H
PL1 0.00 dB

F2 - Processing parameters
SI 32768
SF 600.130188 MHz
WDW EM
SSB 0
LB 0.00 Hz
GB 0
PC 1.00

1D NMR plot parameters
CX 22.50 cm
F1P 10.750 p
F1 6451.40 Hz
F2P -0.500 p
F2 -300.07 Hz
PPMCM 0.50000 p
HZCM 300.06506 Hz



48.709
49.502
51
61.095
66.088
67.110
76.388

