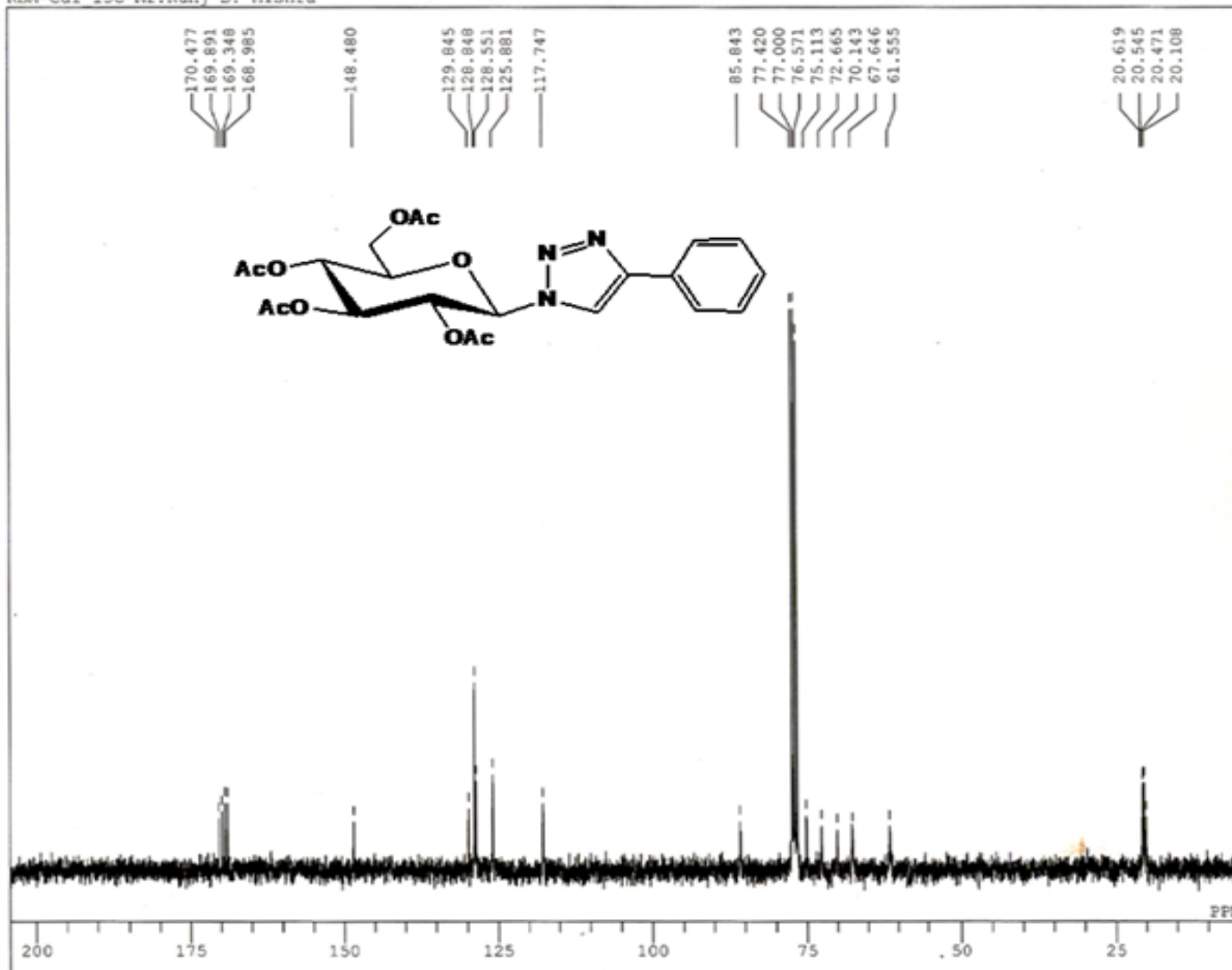


Spectrum 1: 300 MHz ¹H NMR of compound 6a

C:\Kunj B.Mishra\KBM-CuI_13C.als
KBM-CuI 13C Mr.Kunj B. Mishra

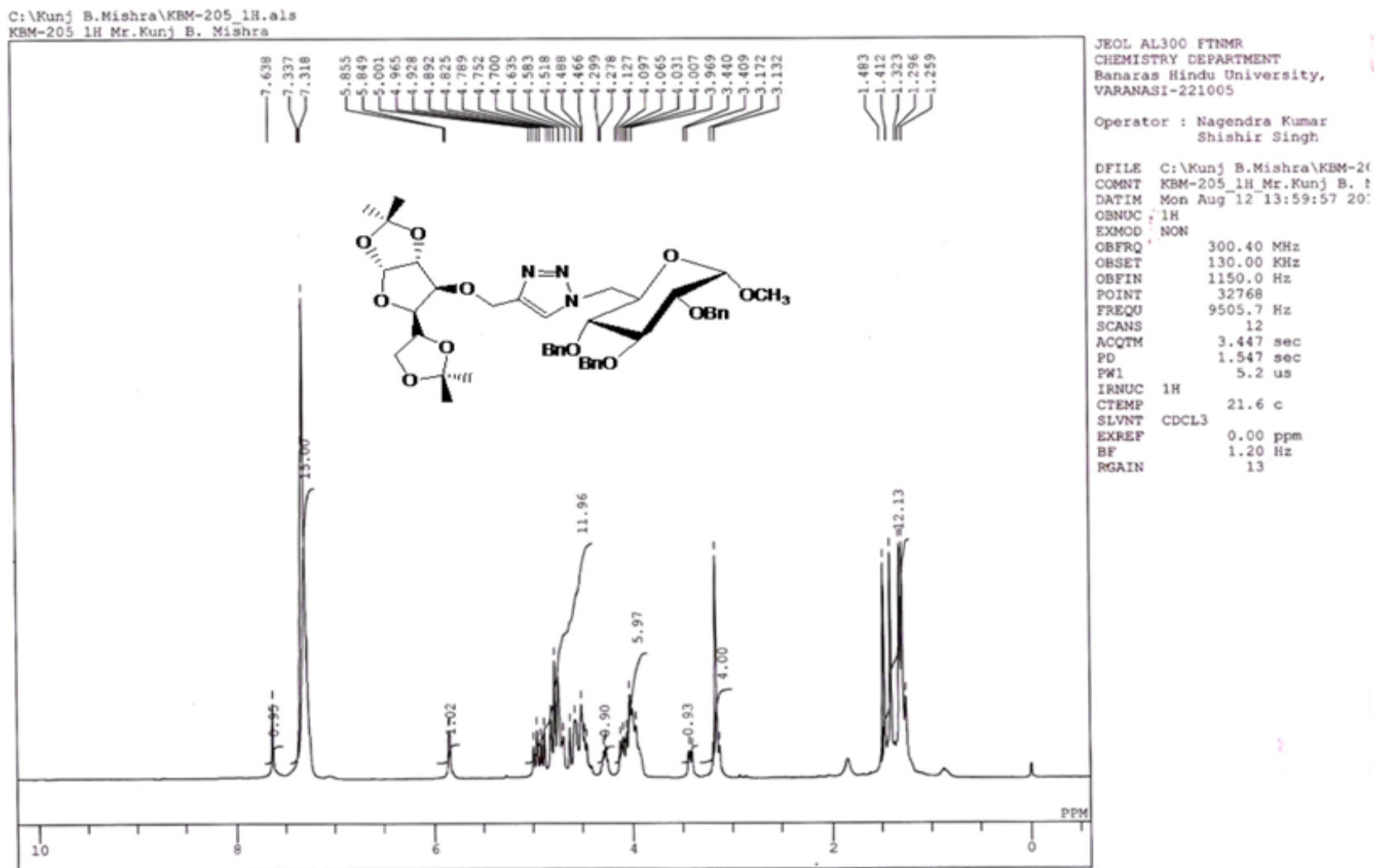


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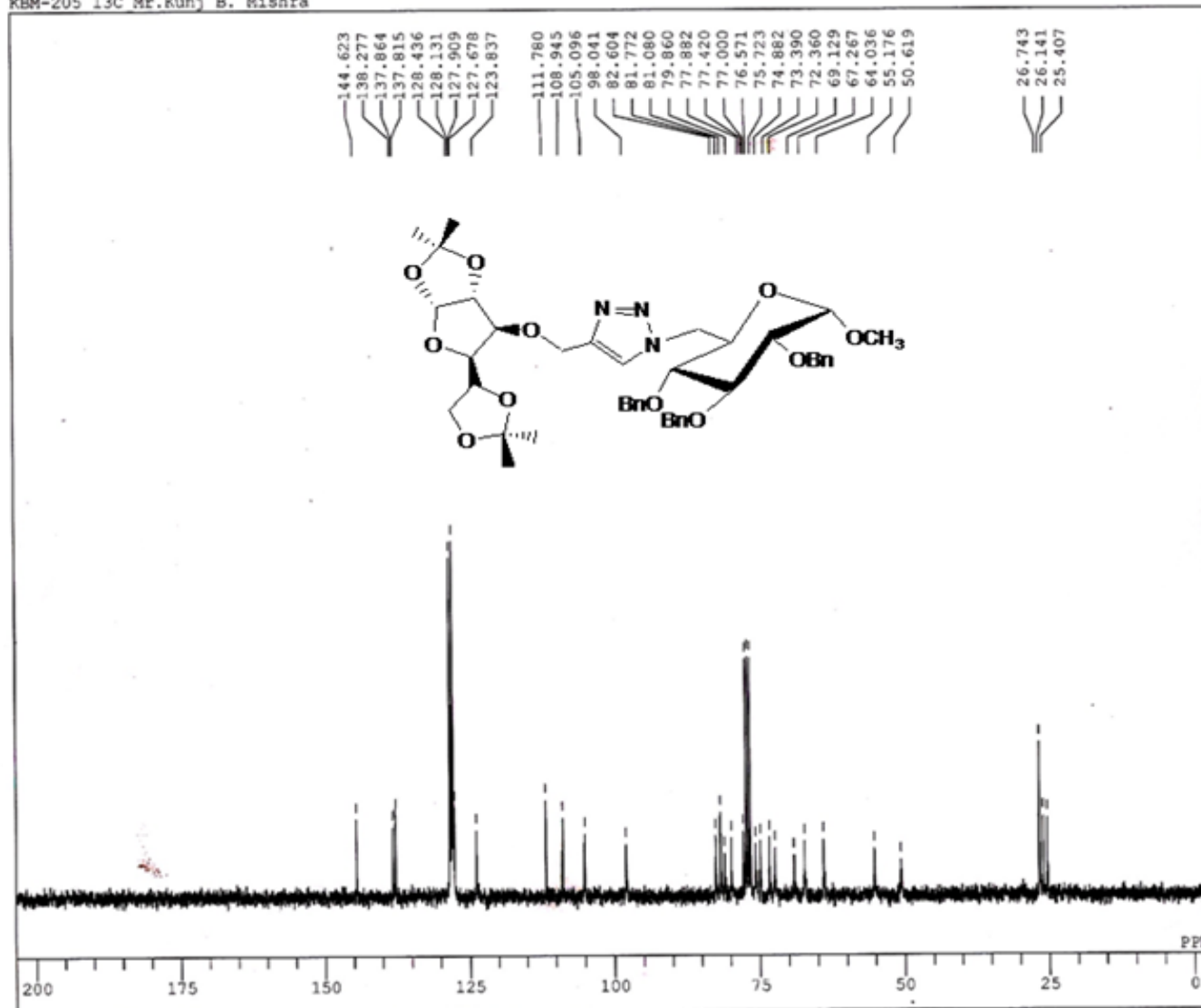
Operator : Nagendra Kumar
Shishir Singh

DFILE C:\Kunj B.Mishra\KE
COMNT KBM-CuI_13C Mr.Kunj
DATIM Fri Jul 12 13:21:37
OBNUC 13C
EXMOD BCM
OBFRQ 75.45 MHz
OBSET 124.00 KHz
OBFIN 1840.0 Hz
POINT 32768
FREQU 20408.1 Hz
SCANS 380
ACQTM 1.606 sec
PD 1.394 sec
PW1 5.9 us
IRNUC 1H
CTEMP 23.2 c
SLVNT CDCL3
EXREF 77.00 ppm
BF 1.20 Hz
RGAIN 23

Spectrum 2: 75 MHz ^{13}C NMR of compound 6a

Spectrum 3: 300 MHz ¹H NMR of compound 6b

C:\Kunj B.Mishra\KBM-205_13C_als
KBM-205 13C Mr.Kunj B. Mishra



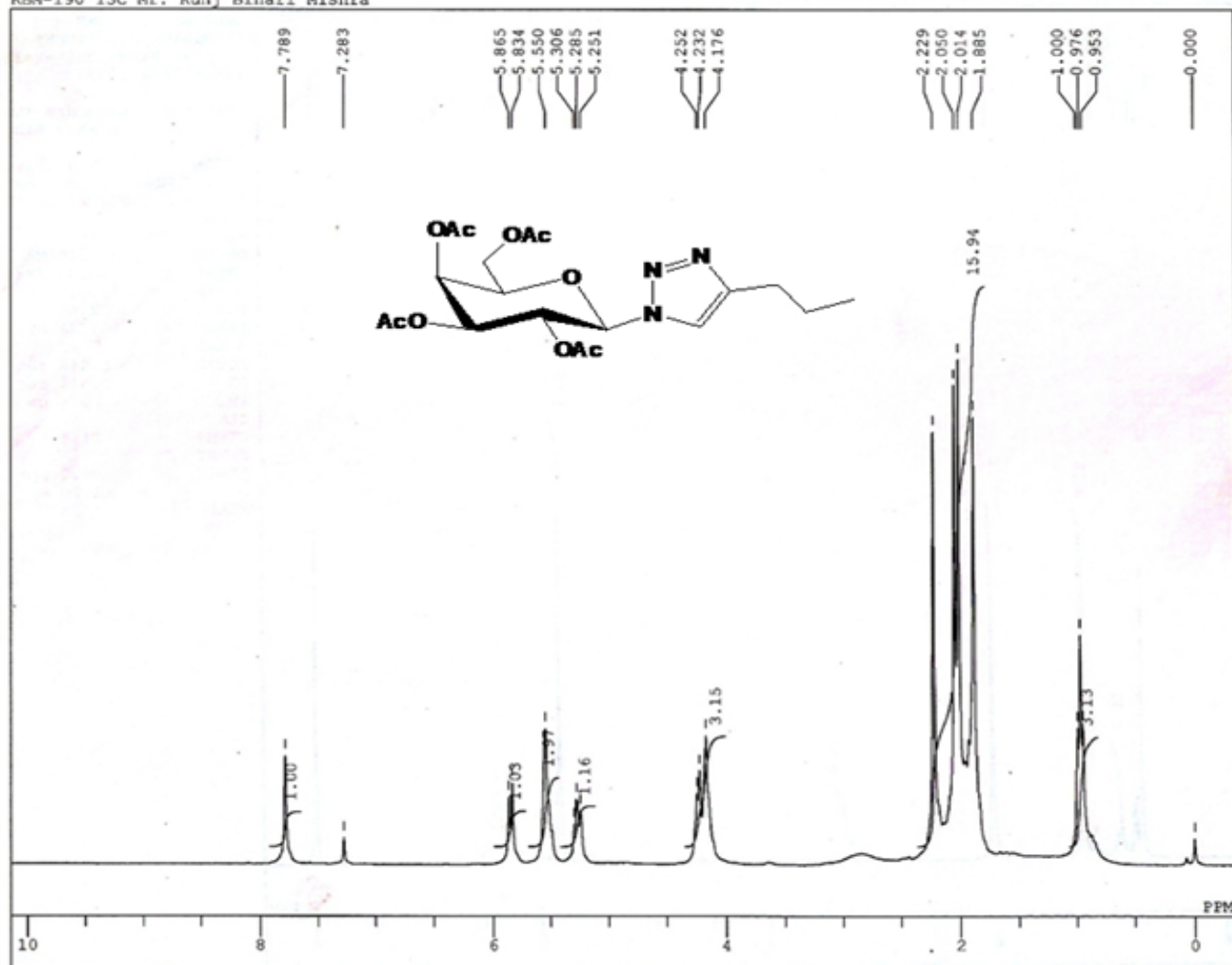
JEOL AL300 FTNMR
CHEMISTRY DEPARTMENT
Banaras Hindu University,
VARANASI-221005

Operator : Nagendra Kumar
Shishir Singh

DFILE C:\Kunj B.Mishra\KBM-205_13C_als
COMNT KBM-205_13C_Mr.Kunj B.
DATIM Mon Aug 12 13:55:42 20
OBNUC 13C
EXMOD BCM
OBFRQ 75.45 MHz
OBSET 124.00 KHz
OBFIN 1840.0 Hz
POINT 32768
FREQU 20408.1 Hz
SCANS 216
ACQTM 1.606 sec
PD 1.394 sec
PW1 5.9 us
IRNUC 1H
CTEMP 23.3 c
SLVNT CDCL3
EXREF 77.00 ppm
BF 1.20 Hz
RGAIN 24

Spectrum 4: 75 MHz ^{13}C NMR of compound 6b

C:\Kunj B.Mishra\KBM-190_1H.als
KBM-190 13C Mr. Kunj Bihari Mishra



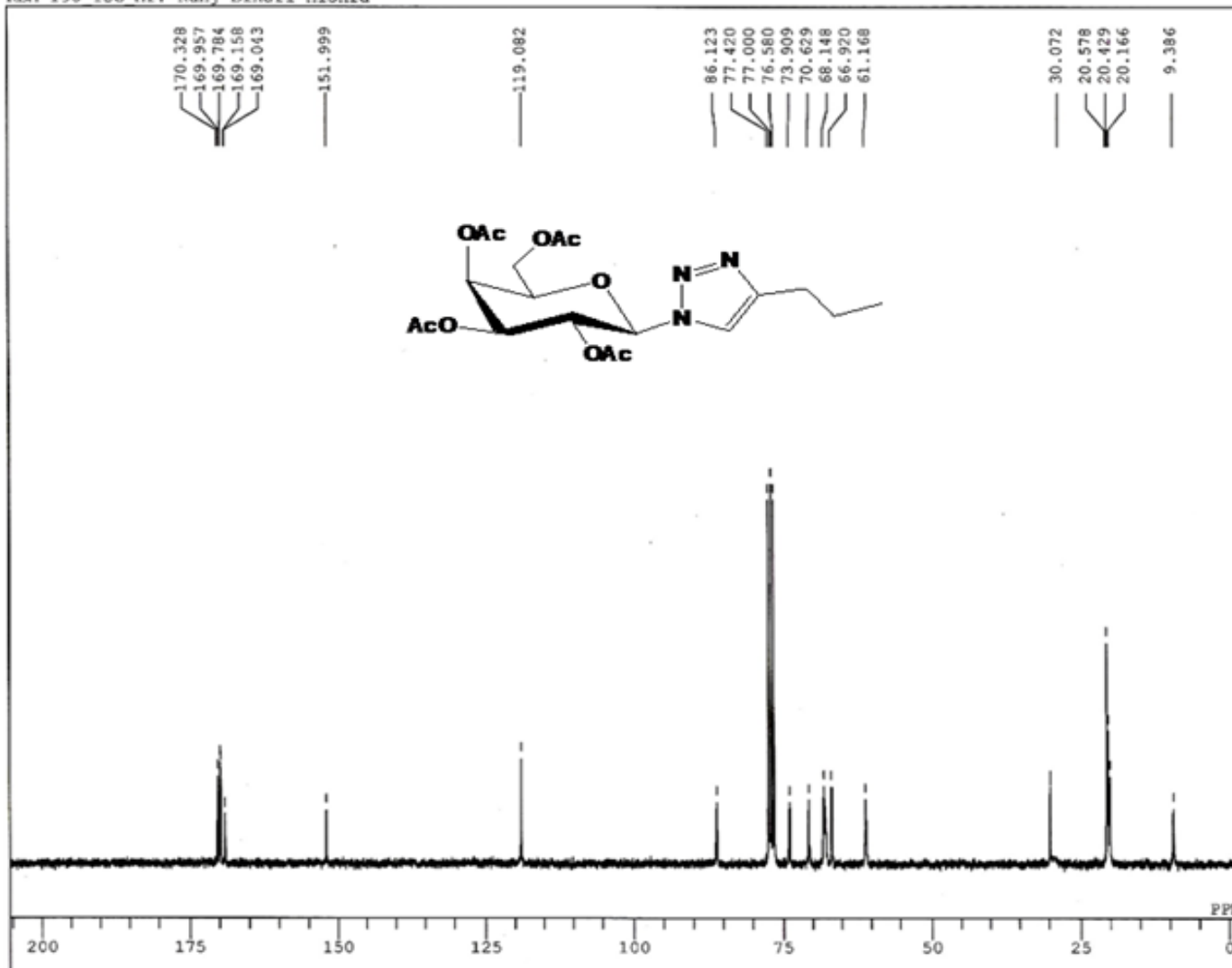
JEOL AL300 FTNMR
CHEMISTRY DEPARTMENT
Banaras Hindu University,
VARANASI-221005

Operator : Nagendra Kumar
Shishir Singh

DFILE C:\Kunj B.Mishra\KBM-
COMNT KBM-190 13C Mr. Kunj
DATIM Wed Jul 31 20:14:43 2
OBNUC 1H
EXMOD NON
OBFRQ 300.40 MHz
OBSET 130.00 KHz
OBFIN 1150.0 Hz
POINT 32768
FREQU 6016.8 Hz
SCANS 16
ACQTM 5.446 sec
PD 1.547 sec
PW1 5.6 us
IRNUC 1H
CTEMP 21.7 c
SLVNT CDCL3
EXREF 0.00 ppm
BF 1.20 Hz
RGAIN 16

Spectrum 5: 300 MHz ^1H NMR of compound **6c**

C:\Kunj B.Mishra\KBM-190_13C.als
KBM-190_13C Mr. Kunj Bihari Mishra

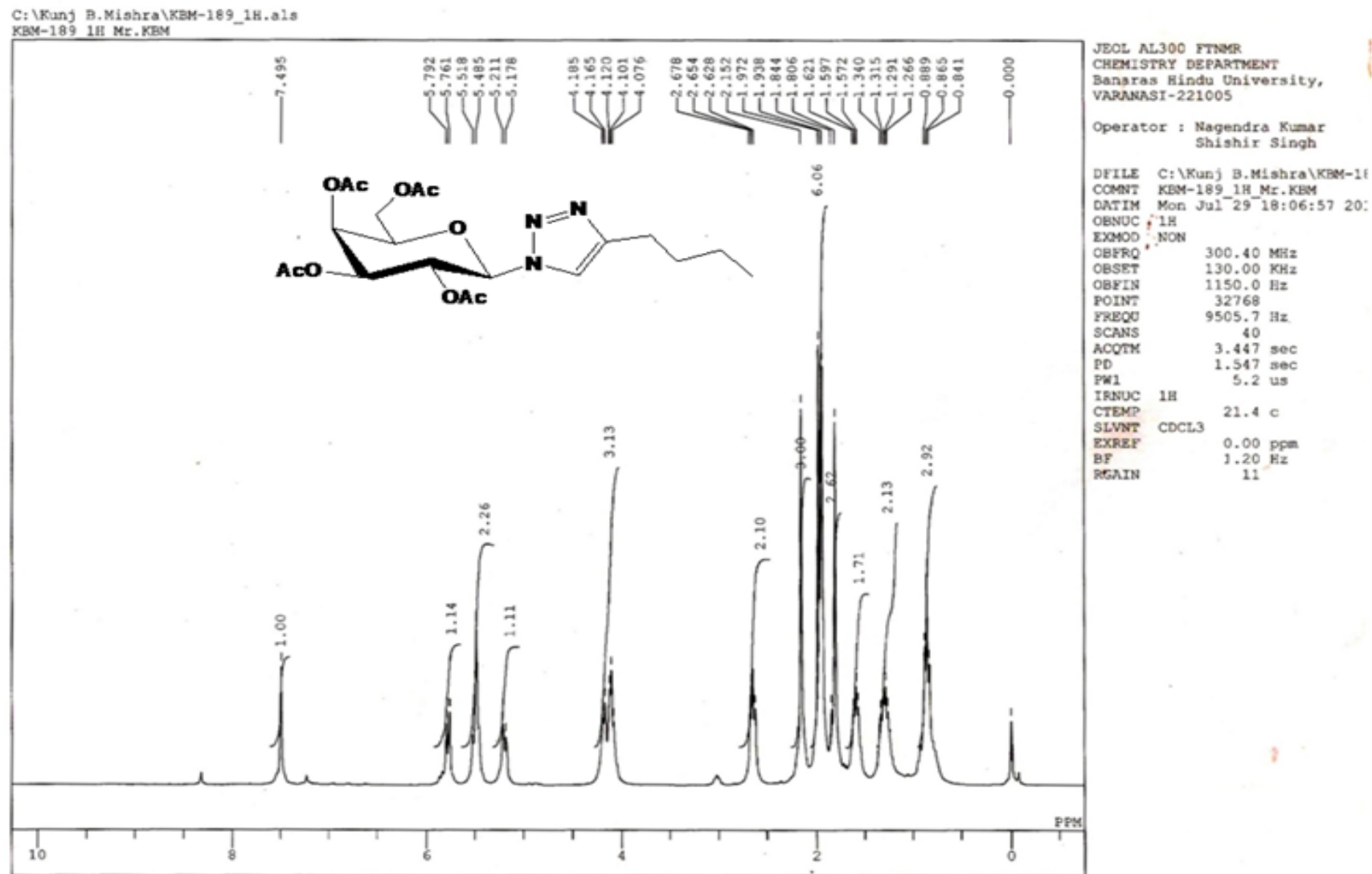


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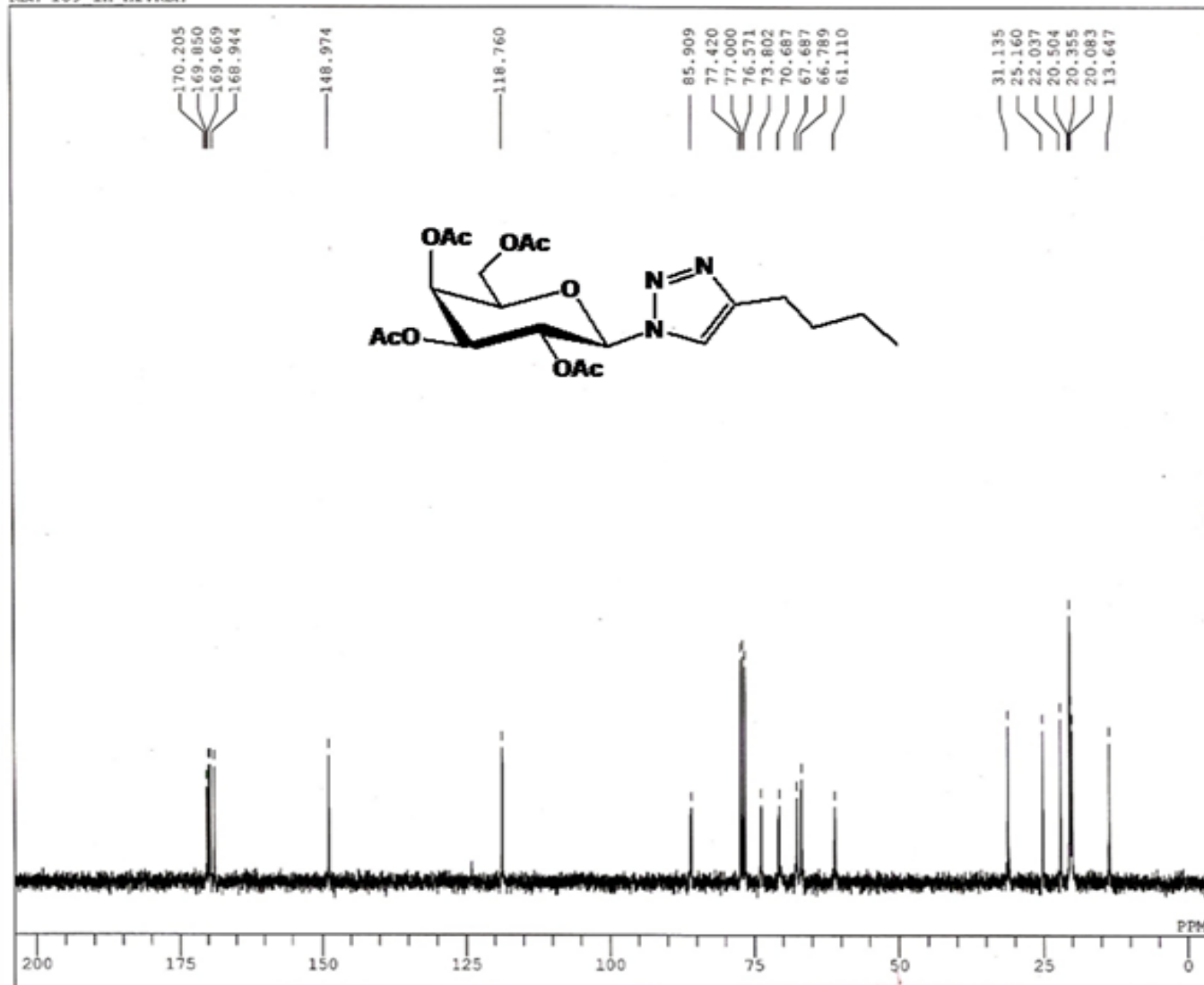
Operator : Nagendra Kumar
Shishir Singh

DFILE C:\Kunj B.Mishra\KBM
COMNT KBM-190_13C Mr. Kunj
DATIM Wed Jul 31 20:12:14
CBNUC 13C
EXMOD BCM
OBFRQ 75.45 MHz
OBSET 124.00 KHz
OBFIN 1840.0 Hz
POINT 32768
FREQU 20408.1 Hz
SCANS 2000
ACQTM 1.606 sec
PD 1.394 sec
PW1 5.9 us
IRNUC 1H
CTEMP 23.5 c
SLVNT CDCL3
EXREF 77.00 ppm
BF 1.20 Hz
RGAIN 24

Spectrum 6: 75 MHz ^{13}C NMR of compound 6c

Spectrum 7: 300 MHz ¹H NMR of compound 6d

C:\Kunj B.Mishra\KBM-189_13C_.als
KBM-189 1H Mr.KBM

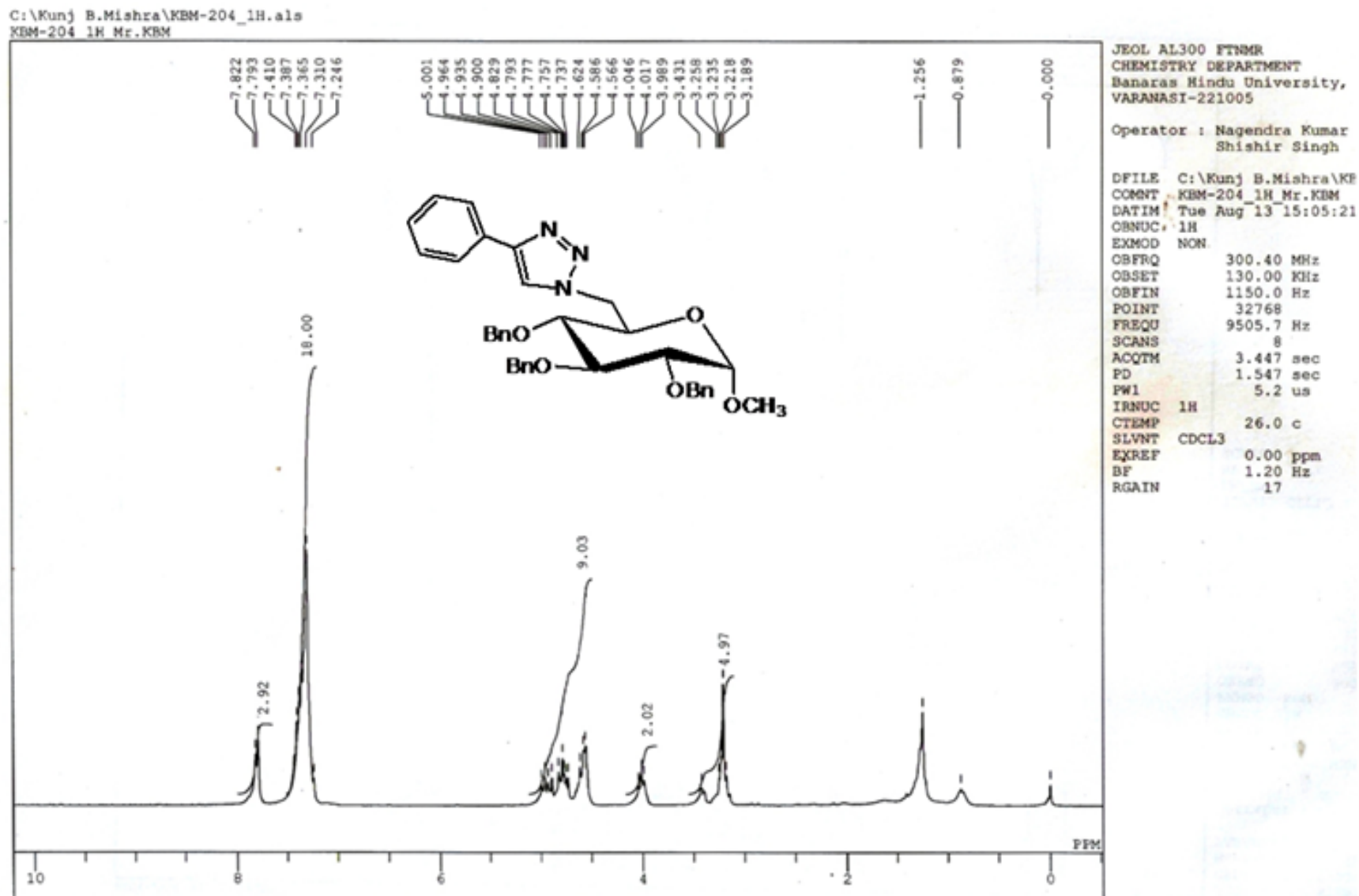


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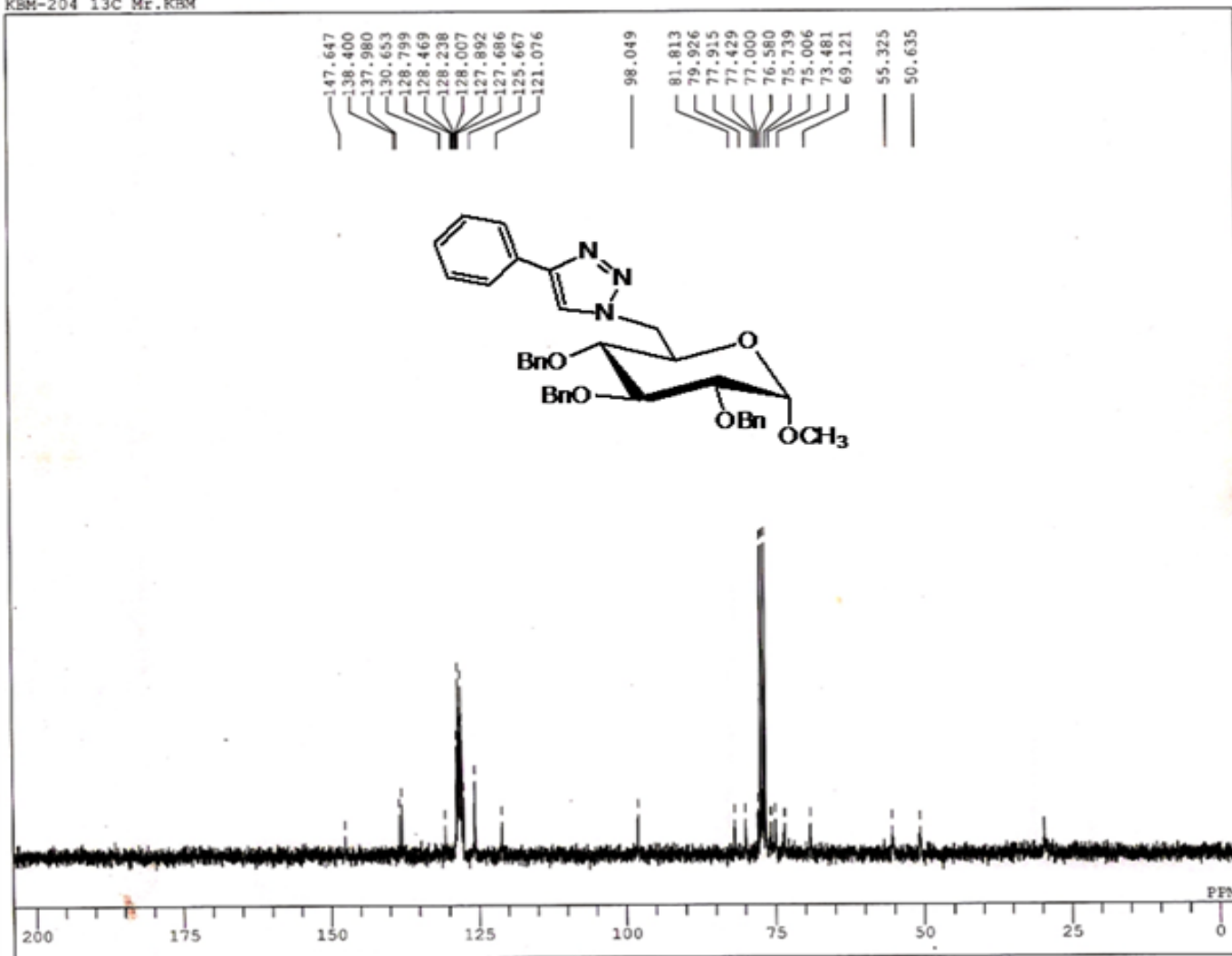
Operator : Nagendra Kumar
Shishir Singh

DFILE C:\Kunj B.Mishra\KBM-
COMNT KBM-189_1H_Mr.KBM
DATIM Mon Jul 29 18:15:42
OBNUC 13C
EXMOD BCM
OBFRQ 75.45 MHz
OBSET 124.00 KHz
OBFIN 1840.0 Hz
POINT 32768
FREQU 20408.1 Hz
SCANS 125
ACQTM 1.606 sec
PD 1.394 sec
PWL 5.9 us
IRNUC 1H
CTEMP 23.5 c
SLVNT CDCL3
EXREF 77.00 ppm
BF 1.20 Hz
RGAIN 24

Spectrum 8: 75 MHz ^{13}C NMR of compound 6d

Spectrum 9: 300 MHz ^1H NMR of compound 6e

C:\Kunj B.Mishra\KBM-204_13C.als
KBM-204 13C Mr.KBM



JEOL AL300 FTNMR
CHEMISTRY DEPARTMENT
Banaras Hindu University,
VARANASI-221005

Operator : Nagendra Kumar
Shishir Singh

DFILE C:\Kunj B.Mishra\KBM-2
COMNT KBM-204_13C Mr.KBM
DATIM Tue Aug 13 15:00:55 20
OBNUC 13C
EXMOD BCM
OBFRQ 75.45 MHz
OBSET 124.00 KHz
OBFIN 1840.0 Hz
POINT 32768
FREQU 20408.1 Hz
SCANS 360
ACQTM 1.606 sec
PD 1.394 sec
PWL 5.9 us
IRNUC 1H
CTEMP 24.6 c
SLVNT CDCL3
EXREF 77.00 ppm
BF 1.20 Hz
RGAIN 23

Spectrum 10: 75 MHz ^{13}C NMR of compound 6e

