

Comment;
KAP-IV5a

No. of Scans;
Resolution;
Apodization;

Date/Time; 4/18/2015 2:52:32 PM
User; admin

FTIR : IRAffinity-1

KAP-IV 5a

7.9921
7.7575
7.7379
7.5885
7.5691
7.5490
7.5289
7.3991
7.3798
7.3601
7.3193
7.3003
7.2806
7.2543
7.2341
7.2226
7.2041
7.1855
7.1435
7.1253
7.1079
7.0933
6.9274
6.9092
6.8216
6.5029
6.4110
6.2993
3.6430
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2.2866
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2.2167
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2.1401
2.0561

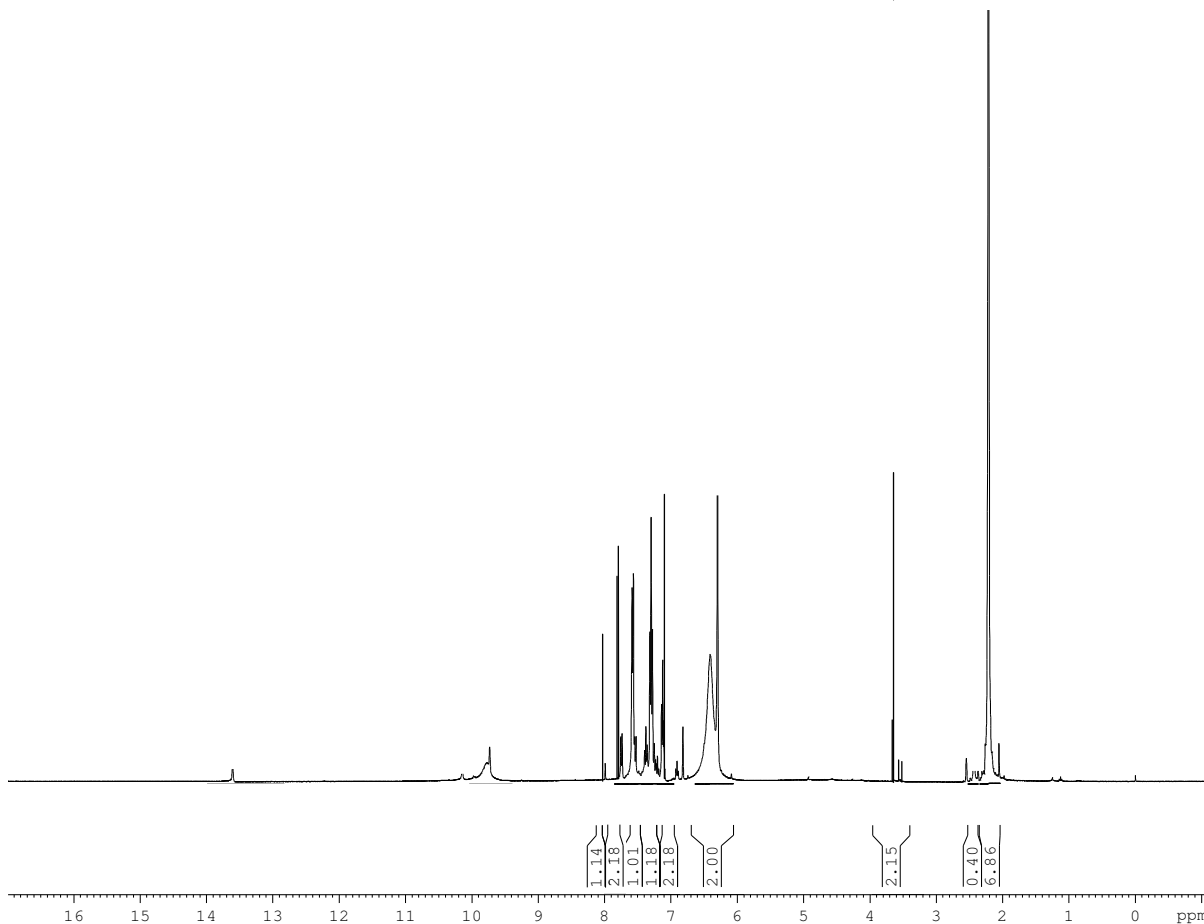
BRUKER
AVANCE II 400 NMR
Spectrometer
SAIF
Panjab University
Chandigarh

Current Data Parameters
NAME Apr15-2015
EXPNO 320
PROCNO 1

F2 - Acquisition Parameters
Date_ 20150415
Time 18.49
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT DMSO
NS 8
DS 2
SWH 12019.230 Hz
FIDRES 0.183399 Hz
AQ 2.7263477 sec
RG 50.8
DW 41.600 usec
DE 6.00 usec
TE 296.1 K
D1 1.00000000 sec
TD0 1

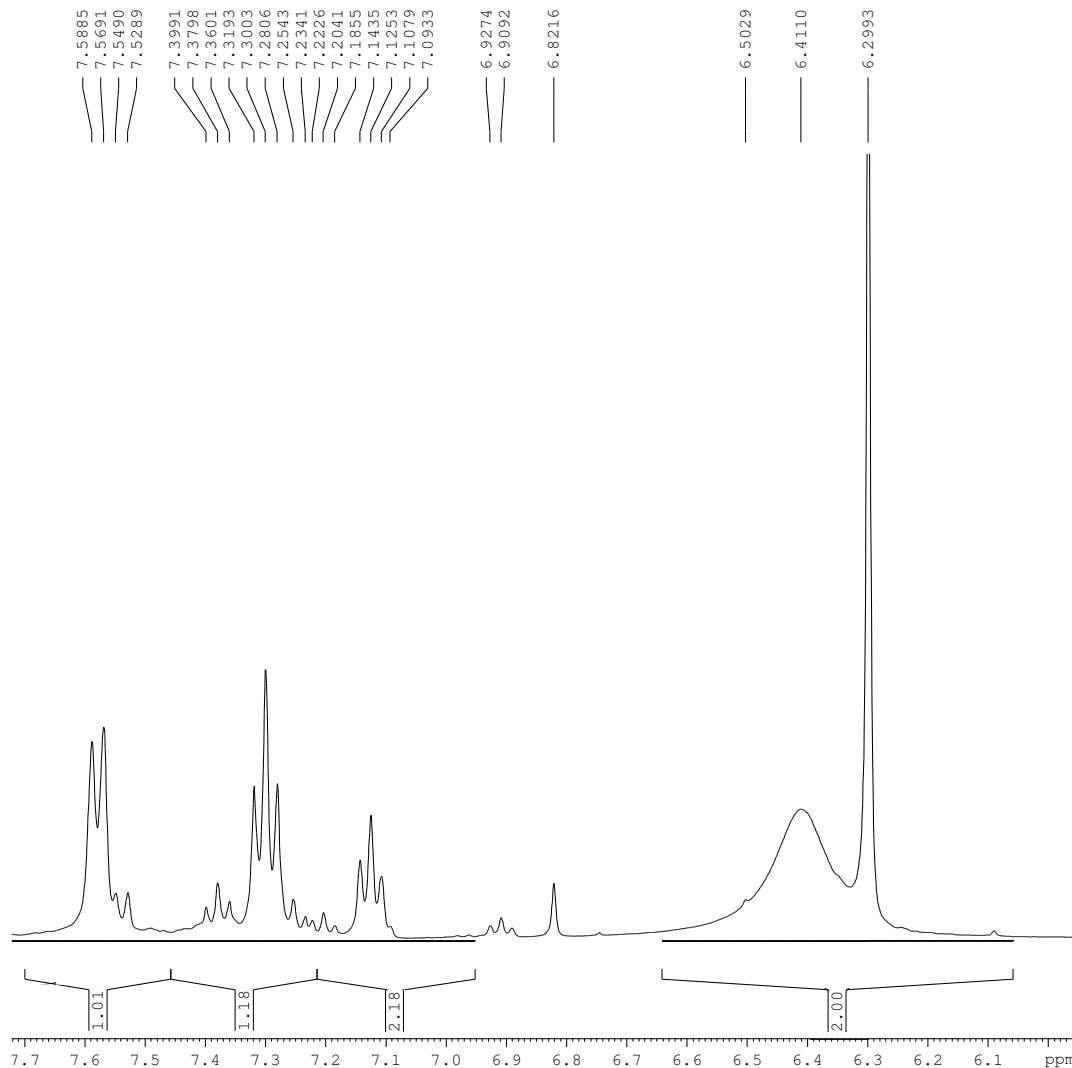
===== CHANNEL f1 =====
NUC1 1H
P1 10.90 usec
PL1 -3.00 dB
SFO1 400.1324710 MHz

F2 - Processing parameters
SI 32768
SF 400.1299851 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



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KAP-IV 5a



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AVANCE II 400 NMR
Spectrometer
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Panjab University
Chandigarh

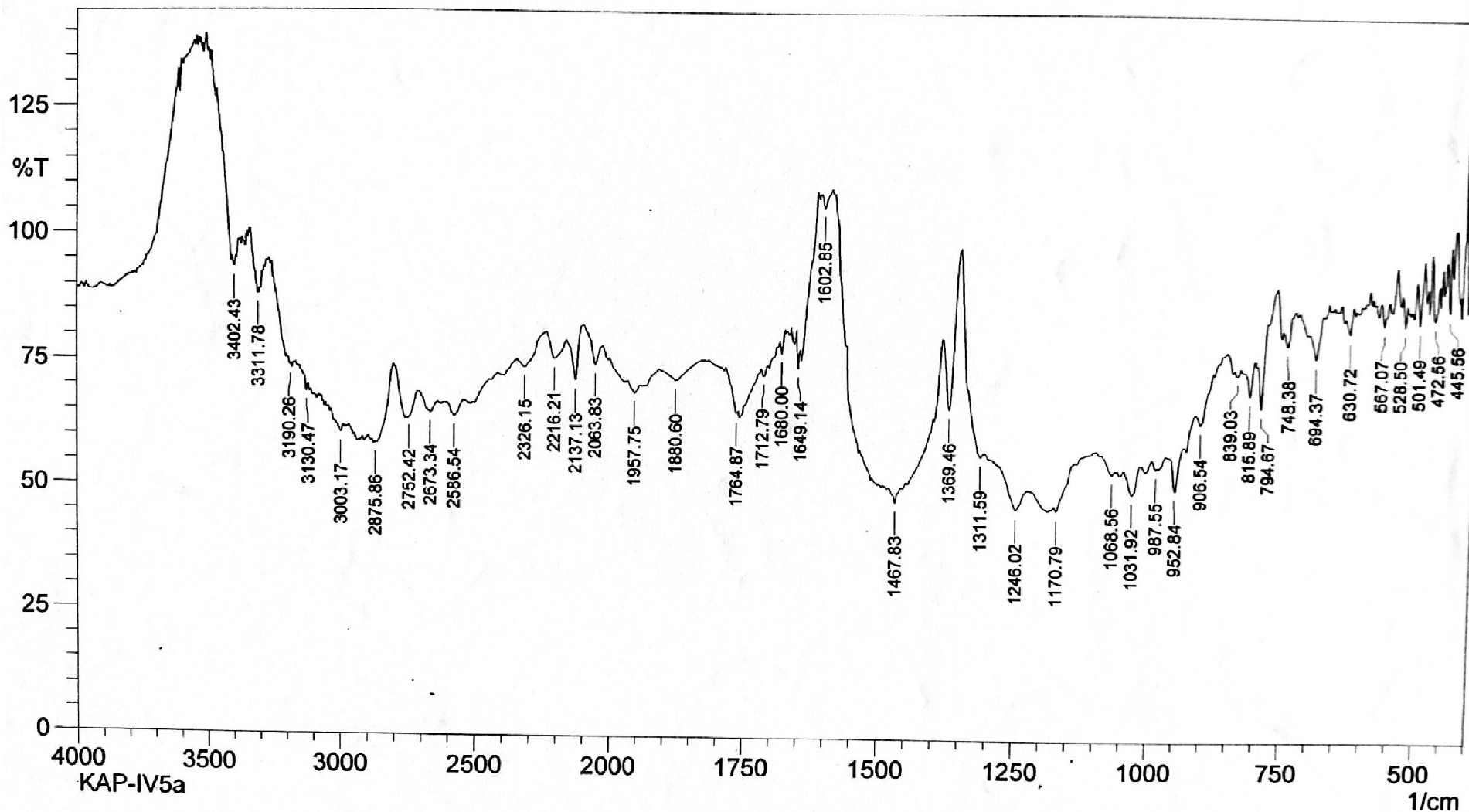
Current Data Parameters
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TD0 1

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KAP-IV5a

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KAP-IV 5a

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6.4110
6.2993
3.6430
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2.2167
2.2163
2.1401
2.0561

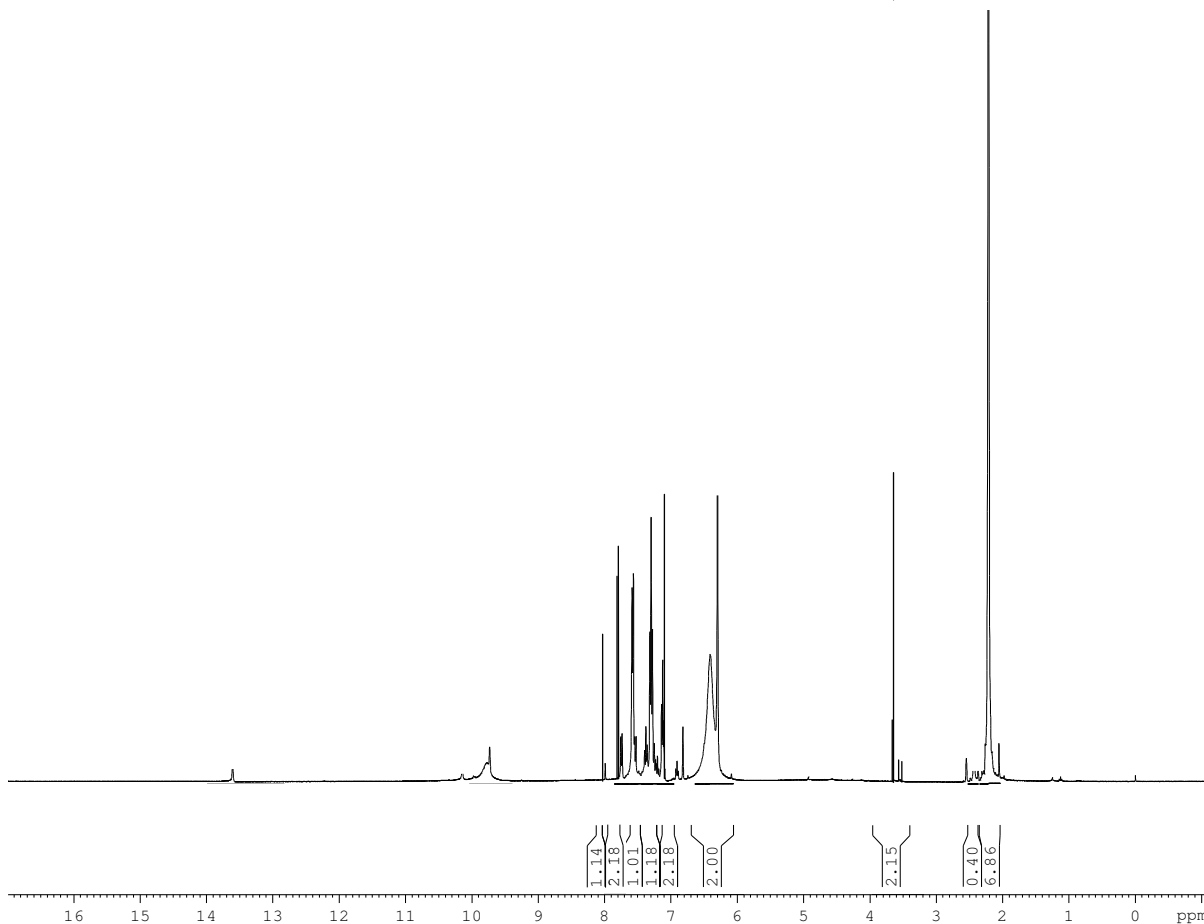
BRUKER
AVANCE II 400 NMR
Spectrometer
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Chandigarh

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NAME Apr15-2015
EXPNO 320
PROCNO 1

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Date_ 20150415
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PULPROG zg30
TD 65536
SOLVENT DMSO
NS 8
DS 2
SWH 12019.230 Hz
FIDRES 0.183399 Hz
AQ 2.7263477 sec
RG 50.8
DW 41.600 usec
DE 6.00 usec
TE 296.1 K
D1 1.00000000 sec
TD0 1

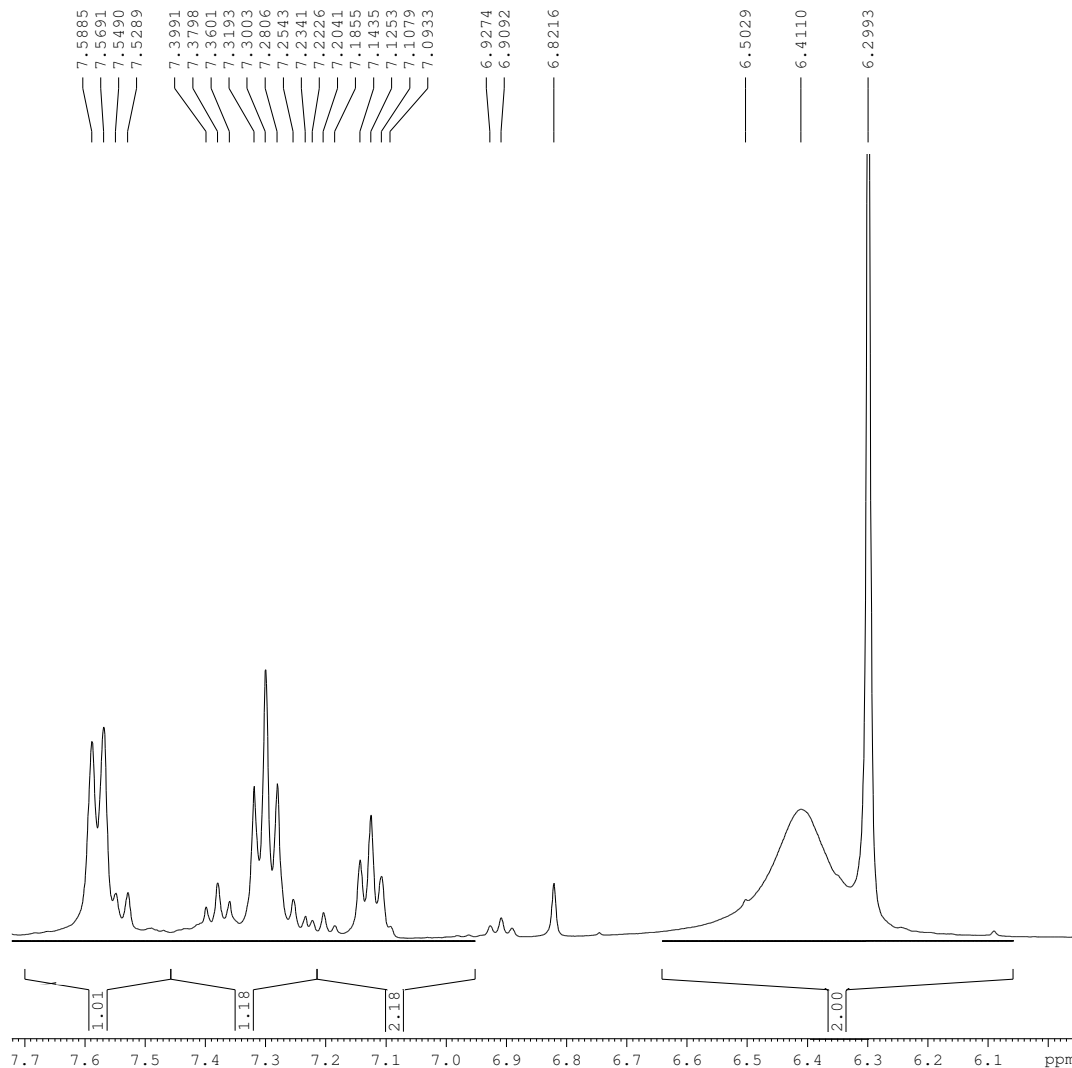
===== CHANNEL f1 =====
NUC1 1H
P1 10.90 usec
PL1 -3.00 dB
SFO1 400.1324710 MHz

F2 - Processing parameters
SI 32768
SF 400.1299851 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



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KAP-IV 5a



BRUKER
AVANCE II 400 NMR
Spectrometer
SAIF
Panjab University
Chandigarh

Current Data Parameters
NAME Apr15-2015
EXPNO 320
PROCNO 1

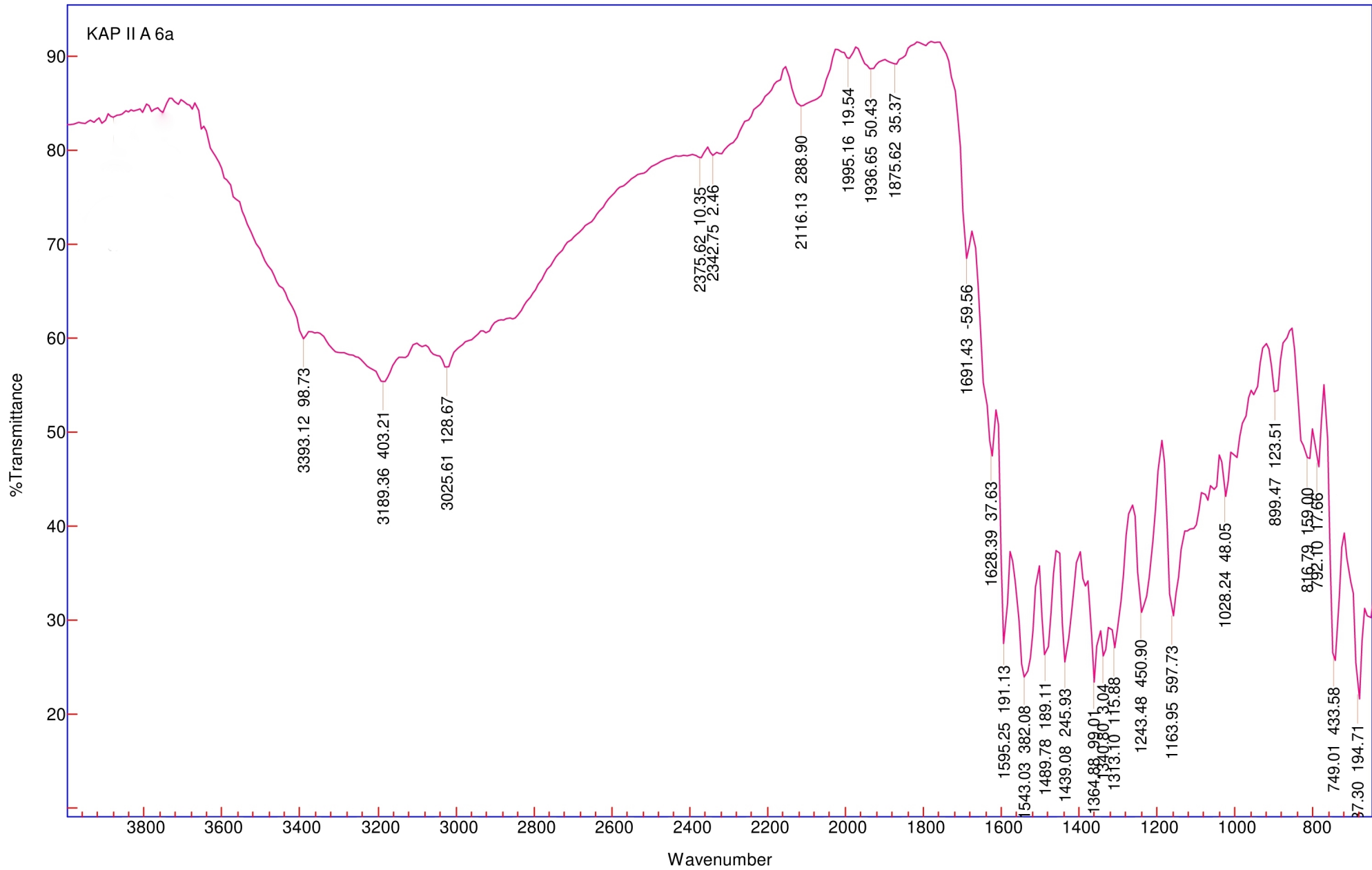
F2 - Acquisition Parameters
Date_ 20150415
Time 18.49
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT DMSO
NS 8
DS 2
SWH 12019.230 Hz
FIDRES 0.183399 Hz
AQ 2.7263477 sec
RG 50.8
DW 41.600 usec
DE 6.00 usec
TE 296.1 K
D1 1.00000000 sec
TD0 1

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NUC1 1H
P1 10.90 usec
PL1 -3.00 dB
SFO1 400.1324710 MHz

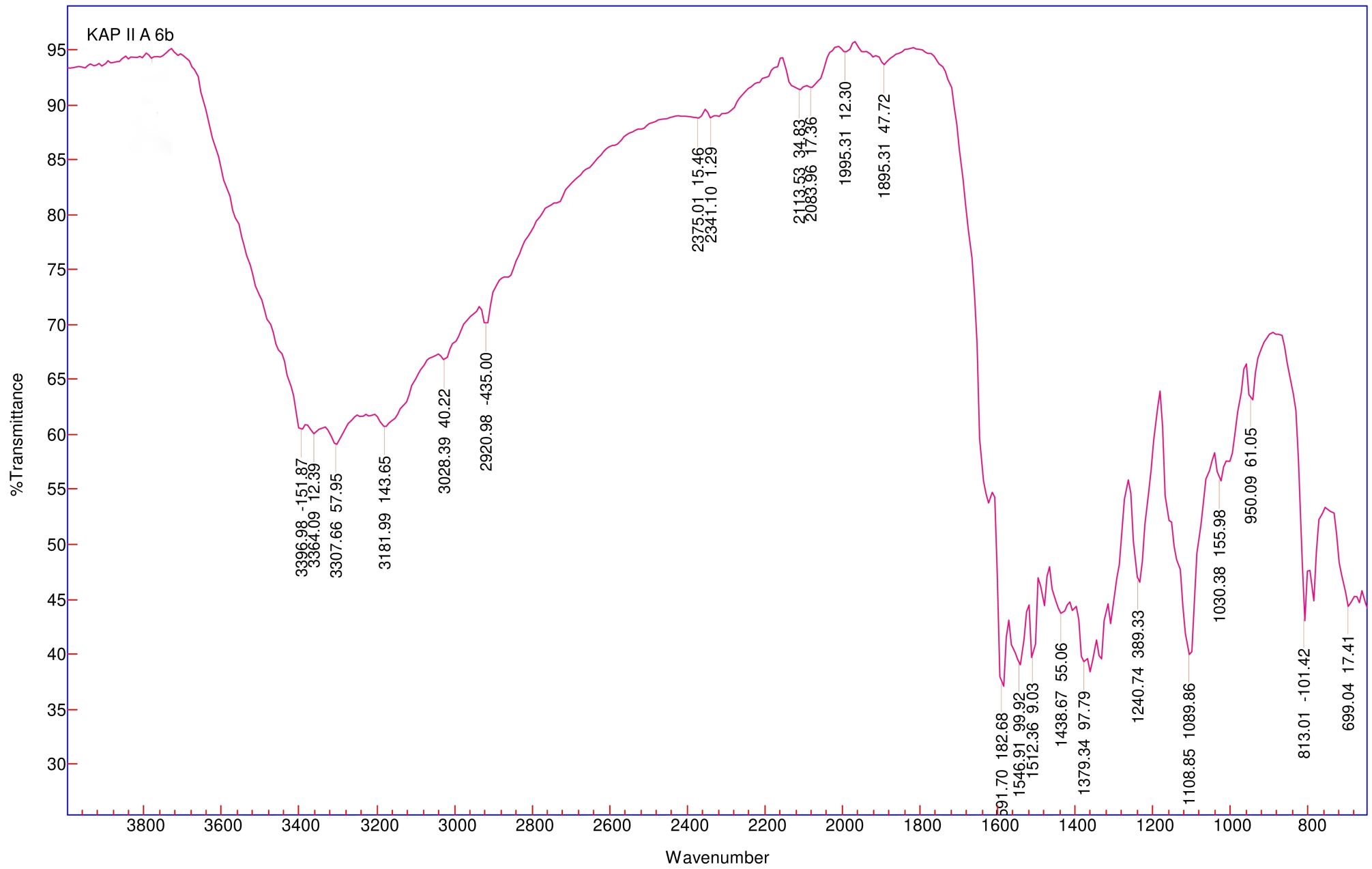
F2 - Processing parameters
SI 32768
SF 400.1299851 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

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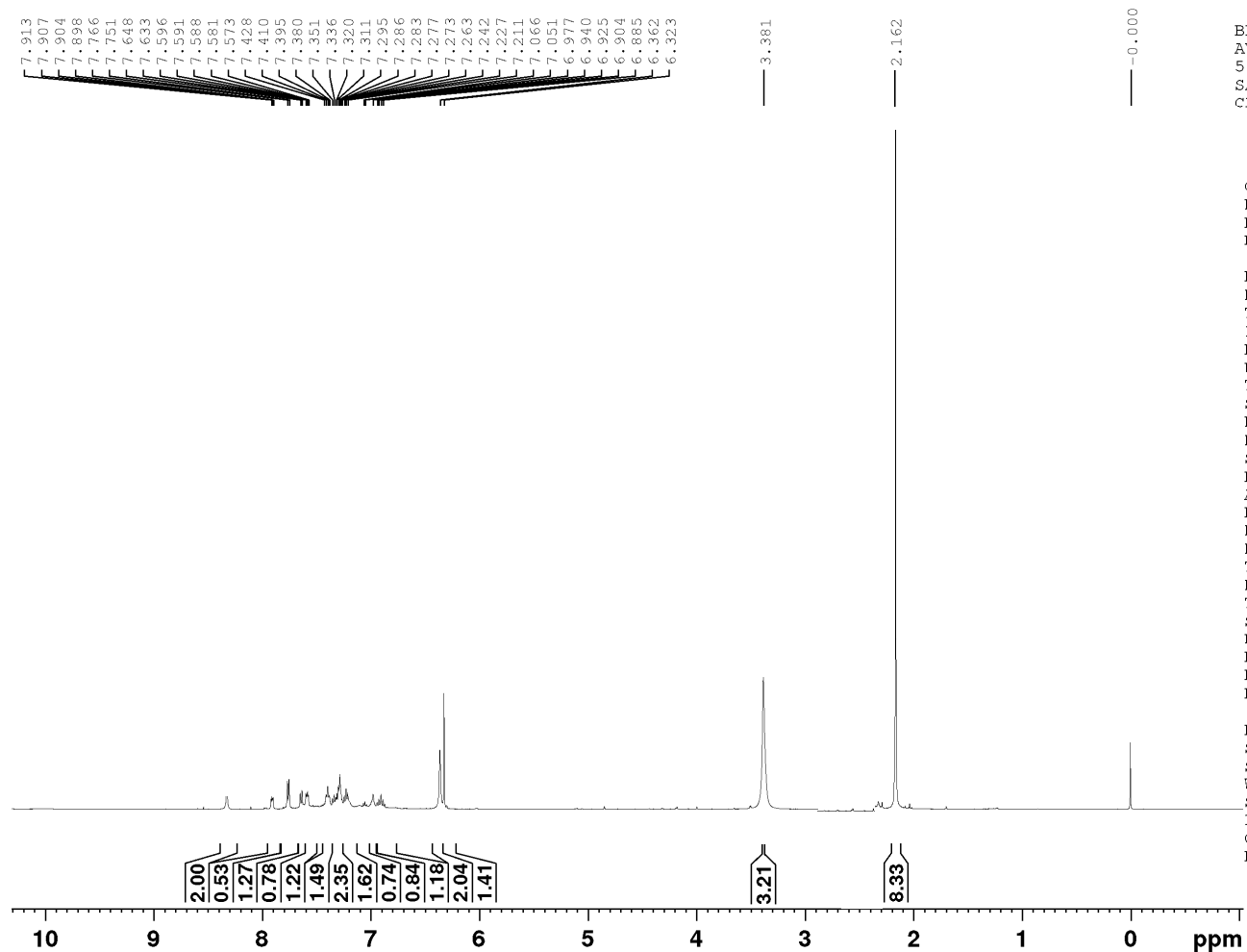
KAP II A 6a



KAP II A 6b



KAPIIA6a
 1H_8scan DMSO {D:\Spectra} nmr 23



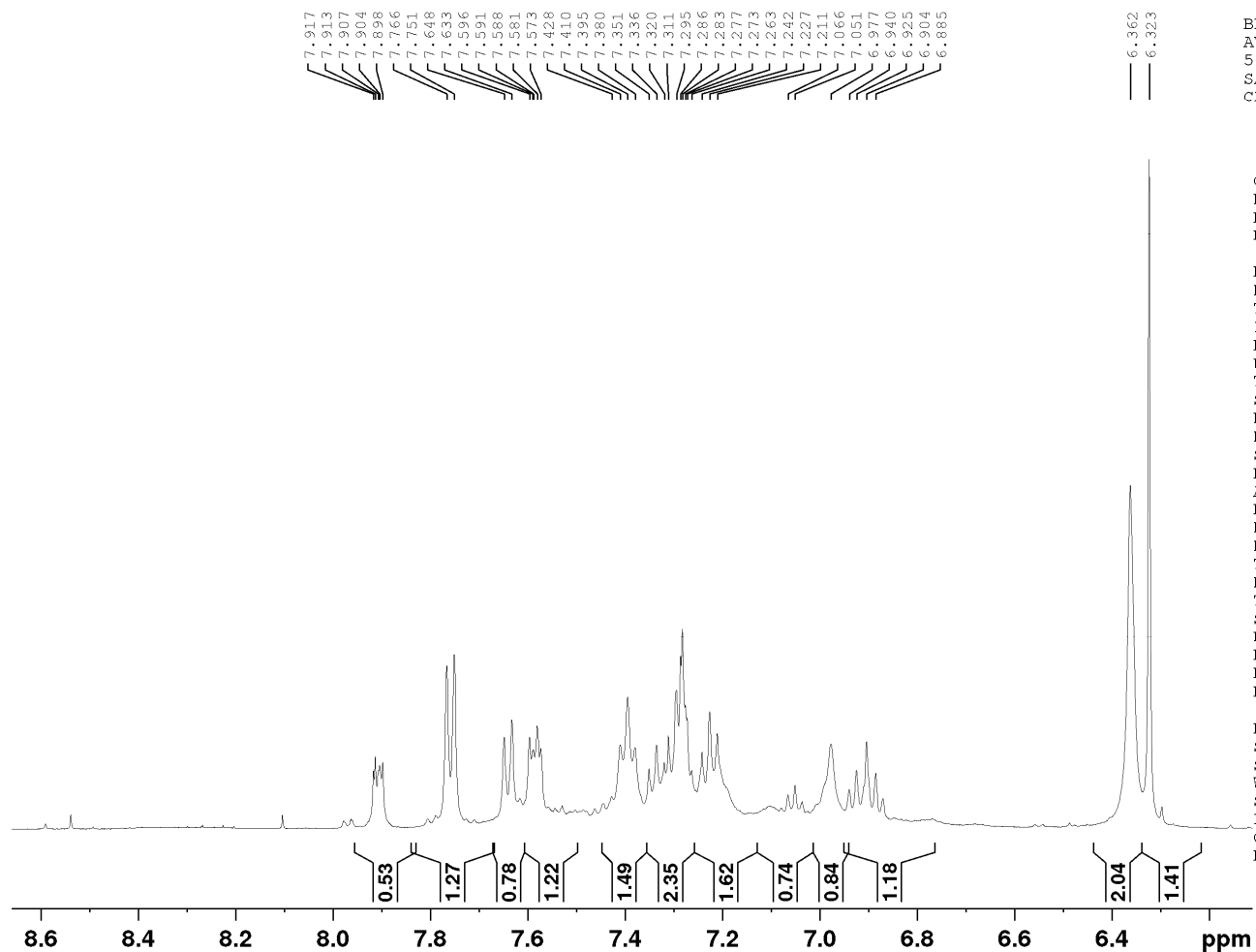
BRUKER
 AVANCE NEO
 500 MHz NMR SPECTROMETER
 SAIF, PANJAB UNIVERSITY,
 CHANDIGARH

Current Data Parameters
 NAME Oct24-2019
 EXPNO 230
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20191024
 Time 14.04 h
 INSTRUM Avance Neo 500
 PROBHD Z119470_0333 (
 PULPROG zg30
 TD 65536
 SOLVENT DMSO
 NS 16
 DS 0
 SWH 14705.883 Hz
 FIDRES 0.448788 Hz
 AQ 2.2282240 sec
 RG 85.034
 DW 34.000 usec
 DE 6.79 usec
 TE 295.3 K
 D1 1.00000000 sec
 TD0 1
 SFO1 500.1730885 MHz
 NUC1 1H
 P0 3.33 usec
 P1 10.00 usec
 PLW1 22.02300072 W

F2 - Processing parameters
 SI 65536
 SF 500.1700000 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00

KAPIIA6a
 1H_8scan DMSO {D:\Spectra} nmr 23



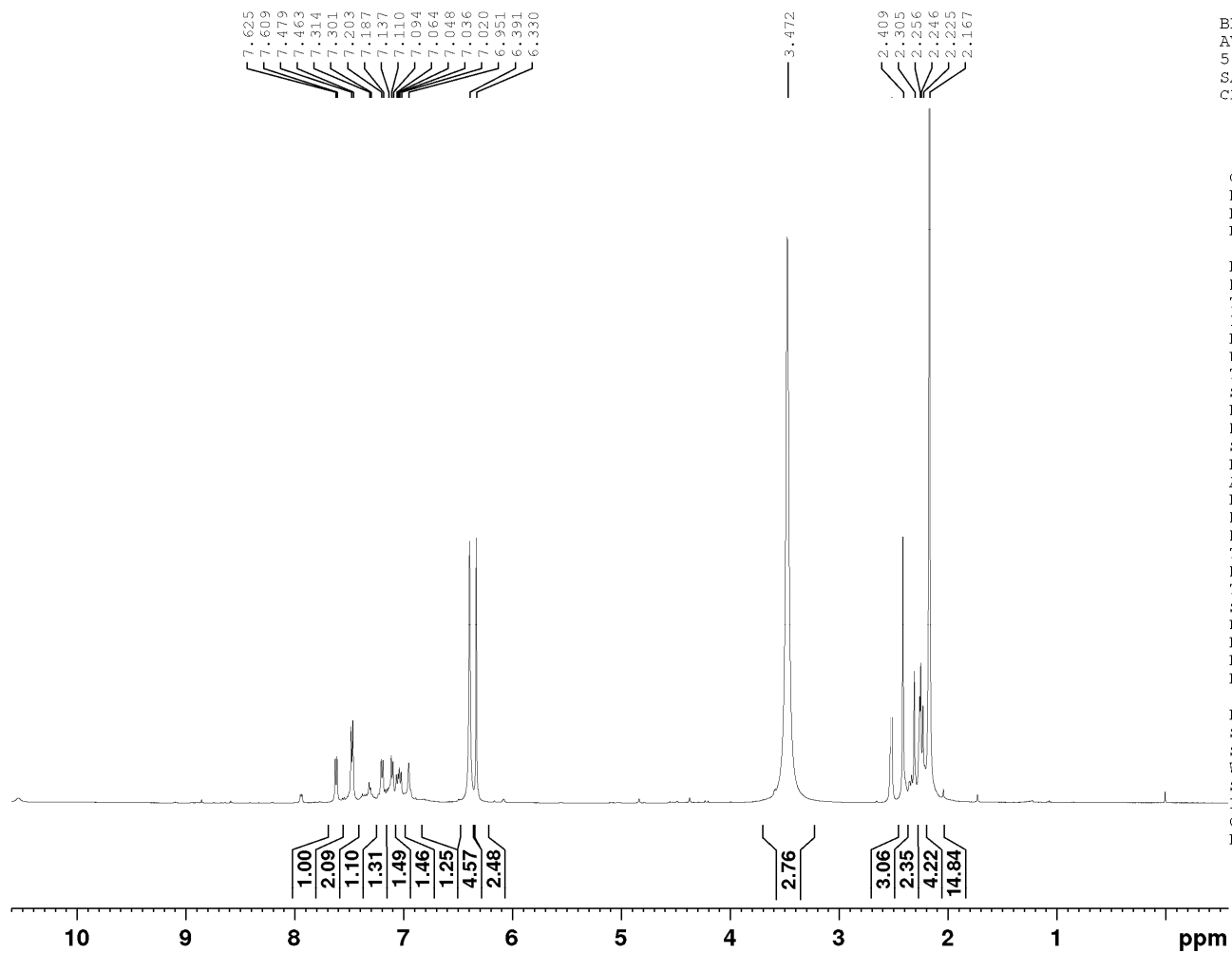
BRUKER
 AVANCE NEO
 500 MHz NMR SPECTROMETER
 SAIF, PANJAB UNIVERSITY,
 CHANDIGARH

Current Data Parameters
 NAME Oct24-2019
 EXPNO 230
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20191024
 Time 14.04 h
 INSTRUM Avance Neo 500
 PROBHD Z119470_0333 (
 PULPROG zg30
 TD 65536
 SOLVENT DMSO
 NS 16
 DS 0
 SWH 14705.883 Hz
 FIDRES 0.448788 Hz
 AQ 2.2282240 sec
 RG 85.034
 DW 34.000 usec
 DE 6.79 usec
 TE 295.3 K
 D1 1.00000000 sec
 TD0 1
 SFO1 500.1730885 MHz
 NUC1 1H
 P0 3.33 usec
 P1 10.00 usec
 PLW1 22.02300072 W

F2 - Processing parameters
 SI 65536
 SF 500.1700000 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00

KAPIIA6b
 1H_8scan DMSO {D:\Spectra} nmr 24



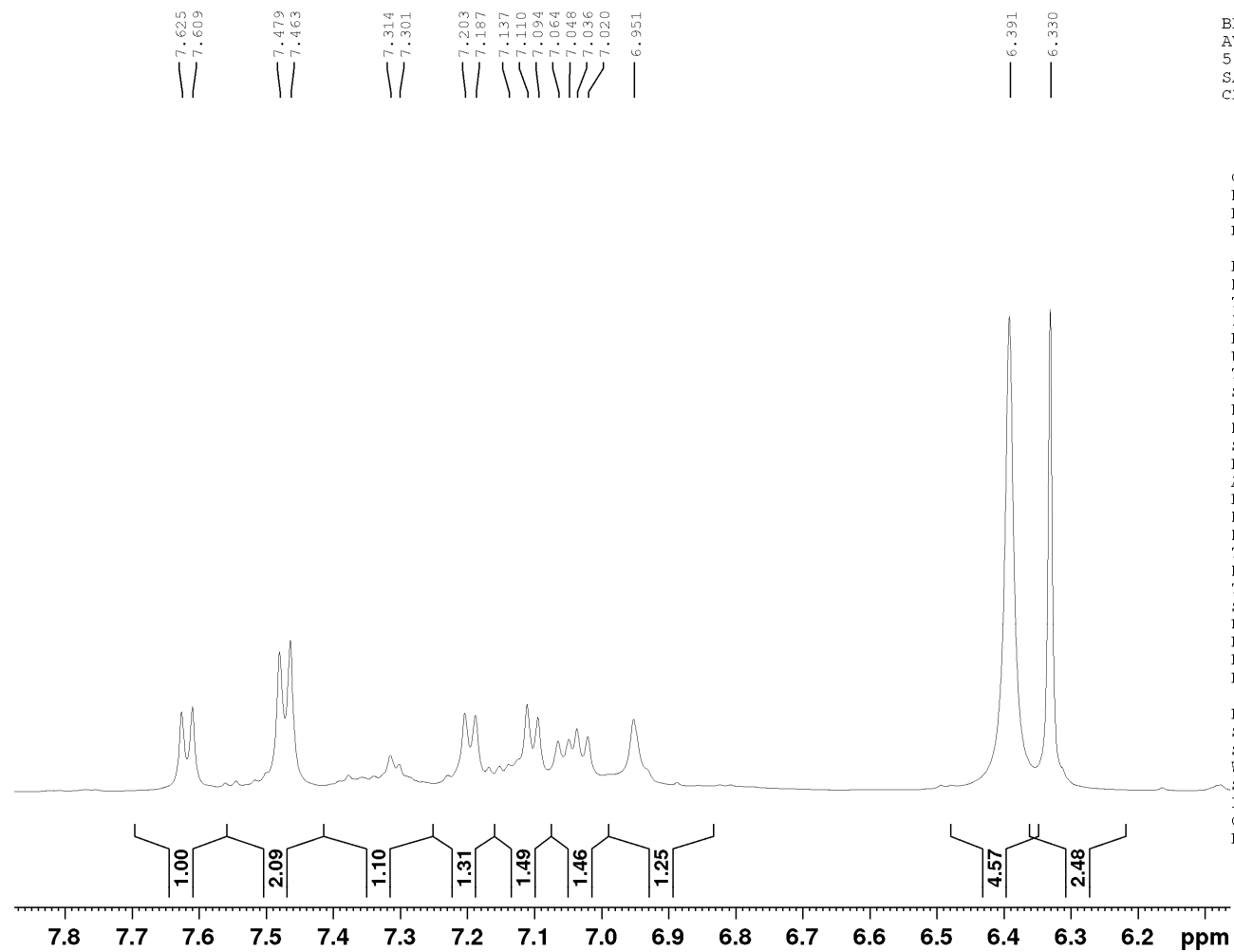
BRUKER
 AVANCE NEO
 500 MHz NMR SPECTROMETER
 SAIF, PANJAB UNIVERSITY,
 CHANDIGARH

Current Data Parameters
 NAME Oct24-2019
 EXPNO 240
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20191024
 Time 14.07 h
 INSTRUM Avance Neo 500
 PROBHD Z119470_0333 (
 PULPROG zg30
 TD 65536
 SOLVENT DMSO
 NS 16
 DS 0
 SWH 14705.883 Hz
 FIDRES 0.448788 Hz
 AQ 2.2282240 sec
 RG 32
 DW 34.000 usec
 DE 6.79 usec
 TE 295.3 K
 D1 1.00000000 sec
 TD0 1
 SFO1 500.1730885 MHz
 NUC1 1H
 P0 3.33 usec
 P1 10.00 usec
 PLW1 22.02300072 W

F2 - Processing parameters
 SI 65536
 SF 500.1699956 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00

KAPIIA6b
1H_8scan DMSO {D:\Spectra} nmr 24



BRUKER
AVANCE NEO
500 MHz NMR SPECTROMETER
SAIF, PANJAB UNIVERSITY,
CHANDIGARH

Current Data Parameters
NAME Oct24-2019
EXPNO 240
PROCNO 1

F2 - Acquisition Parameters
Date_ 20191024
Time 14.07 h
INSTRUM Avance Neo 500
PROBHD Z119470_0333 (
PULPROG zg30
TD 65536
SOLVENT DMSO
NS 16
DS 0
SWH 14705.883 Hz
FIDRES 0.448788 Hz
AQ 2.2282240 sec
RG 32
DW 34.000 usec
DE 6.79 usec
TE 295.3 K
D1 1.00000000 sec
TD0 1
SFO1 500.1730885 MHz
NUC1 1H
P0 3.33 usec
P1 10.00 usec
PLW1 22.02300072 W

F2 - Processing parameters
SI 65536
SF 500.1699956 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

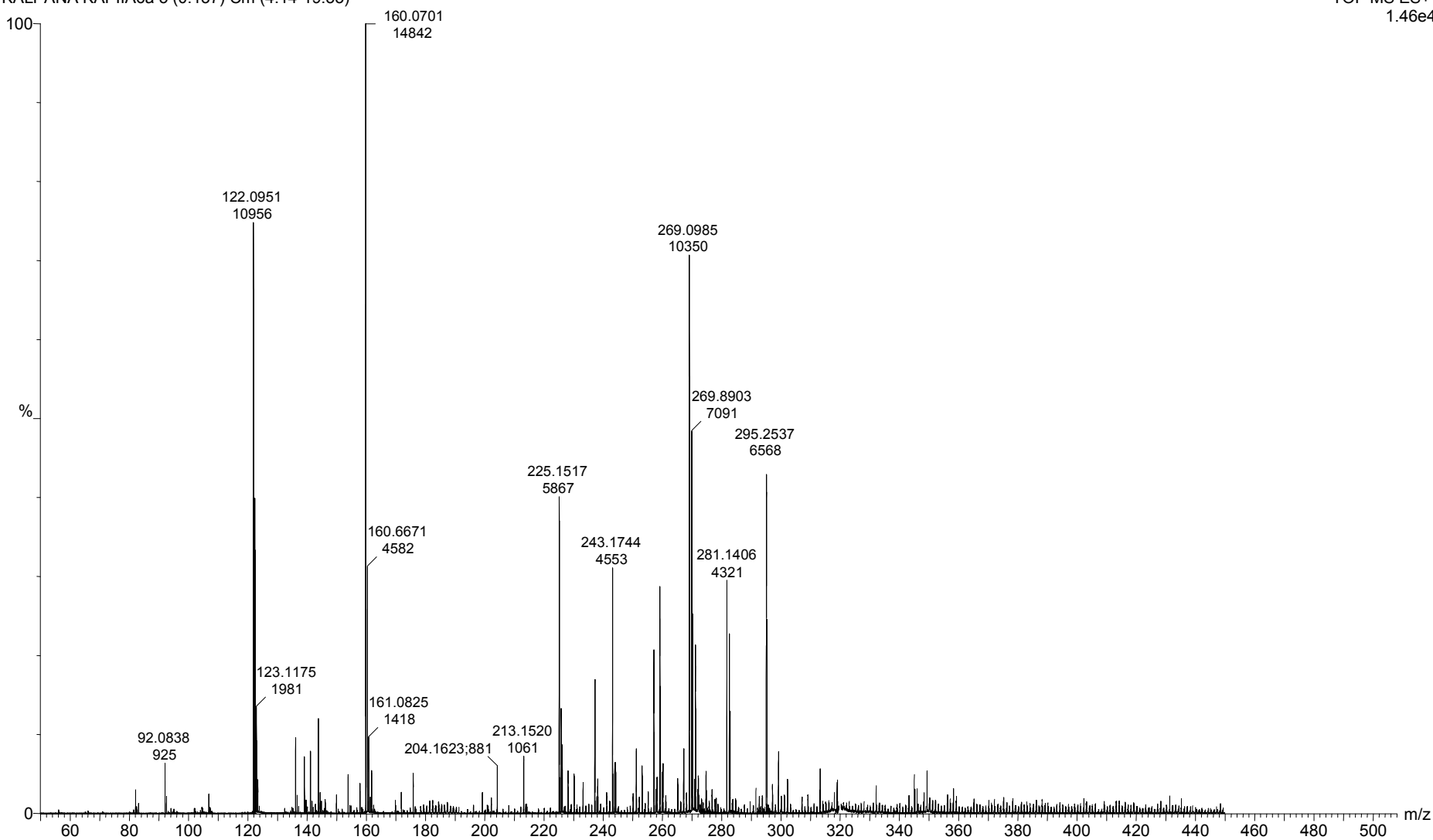
WATERS,Q-TOF MICROMASS (ESI-MS)

KALPANA KAPIIA6a 5 (0.137) Cm (4:14-19:33)

SAIF/CIL,PANJAB UNIVERSITY,CHANDIGARH

TOF MS ES+

1.46e4

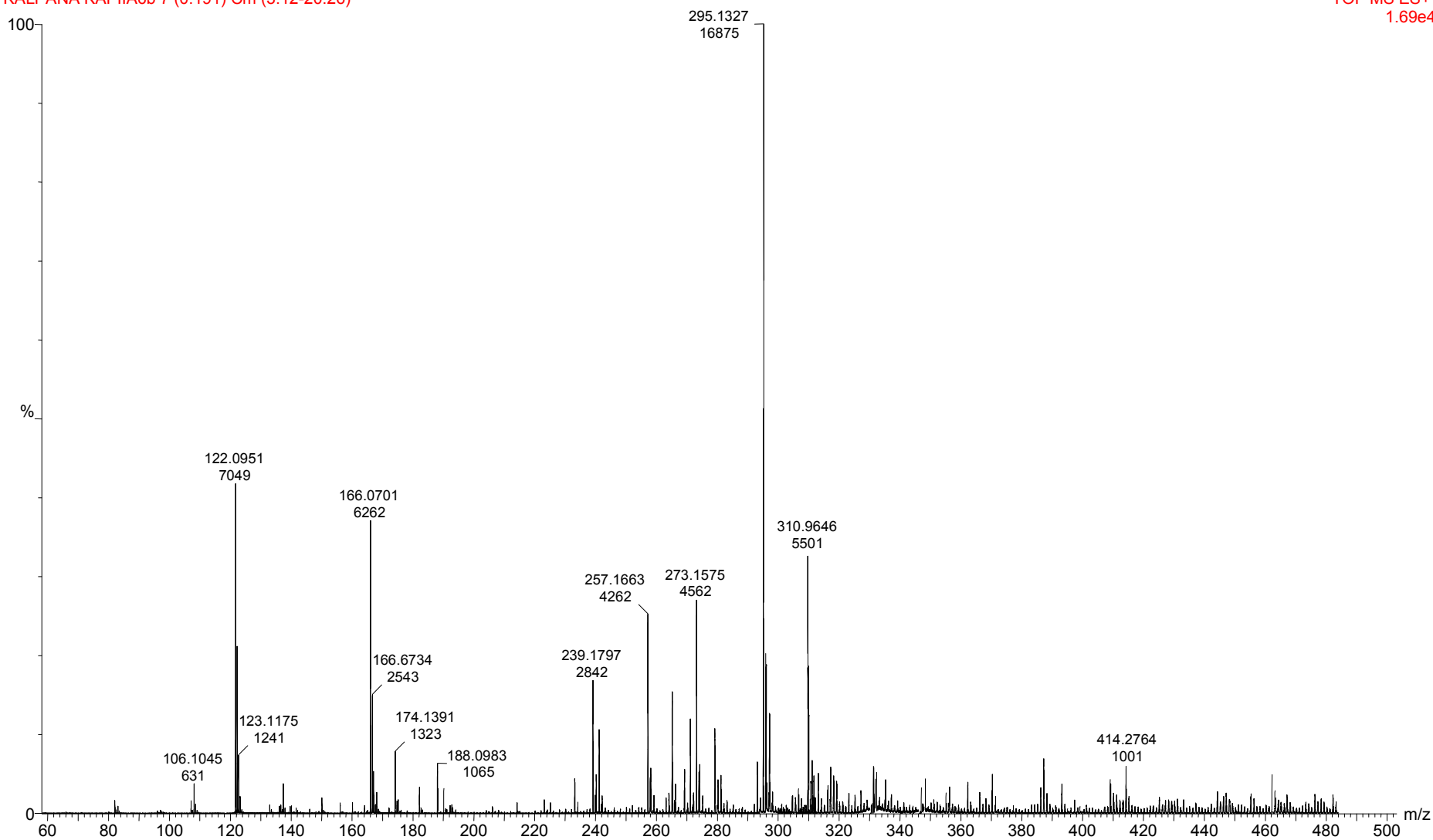


WATERS,Q-TOF MICROMASS (ESI-MS)

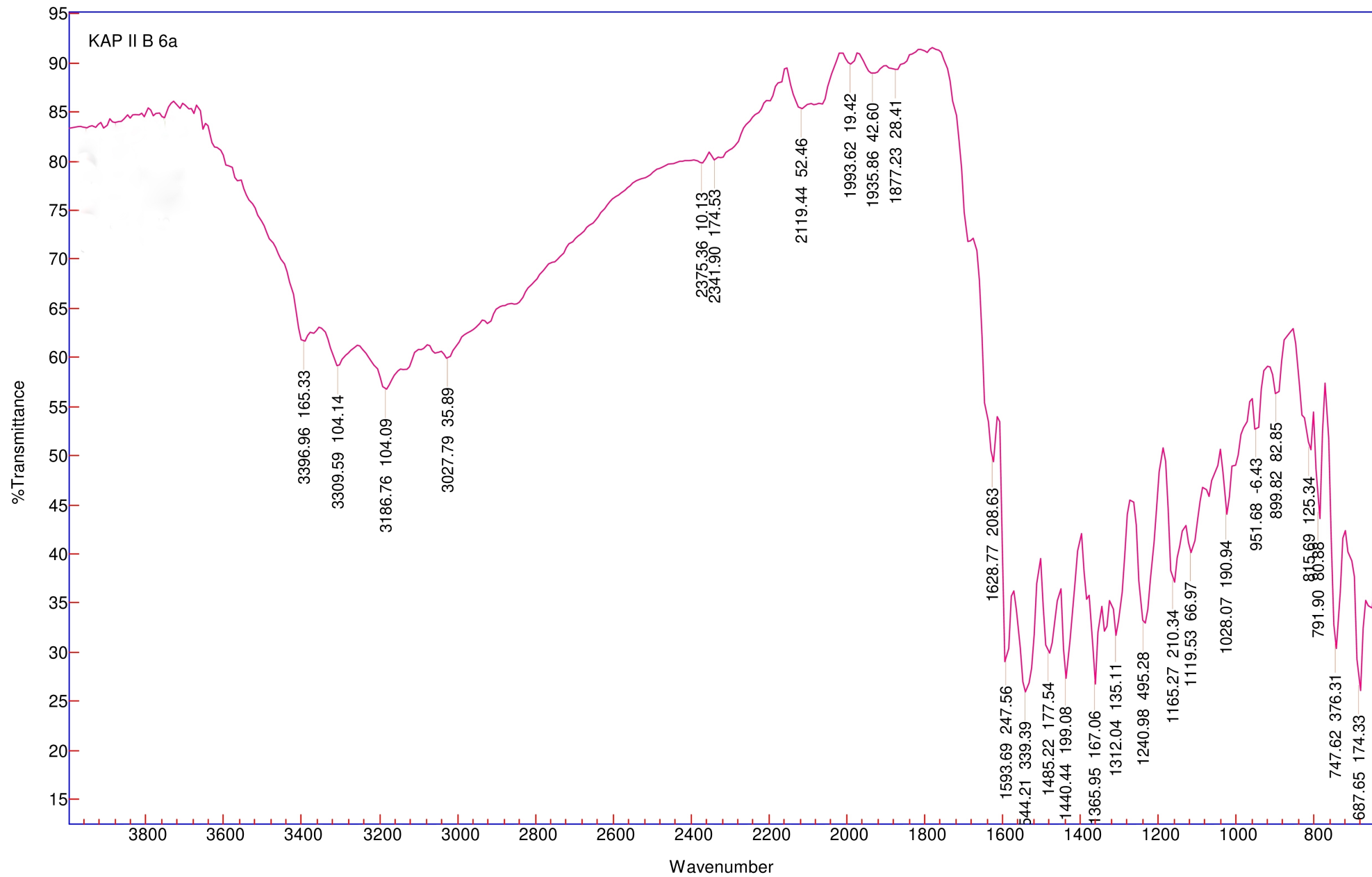
KALPANA KAPIIA6b 7 (0.191) Cm (3:12-20:26)

SAIF/CIL,PANJAB UNIVERSITY,CHANDIGARH

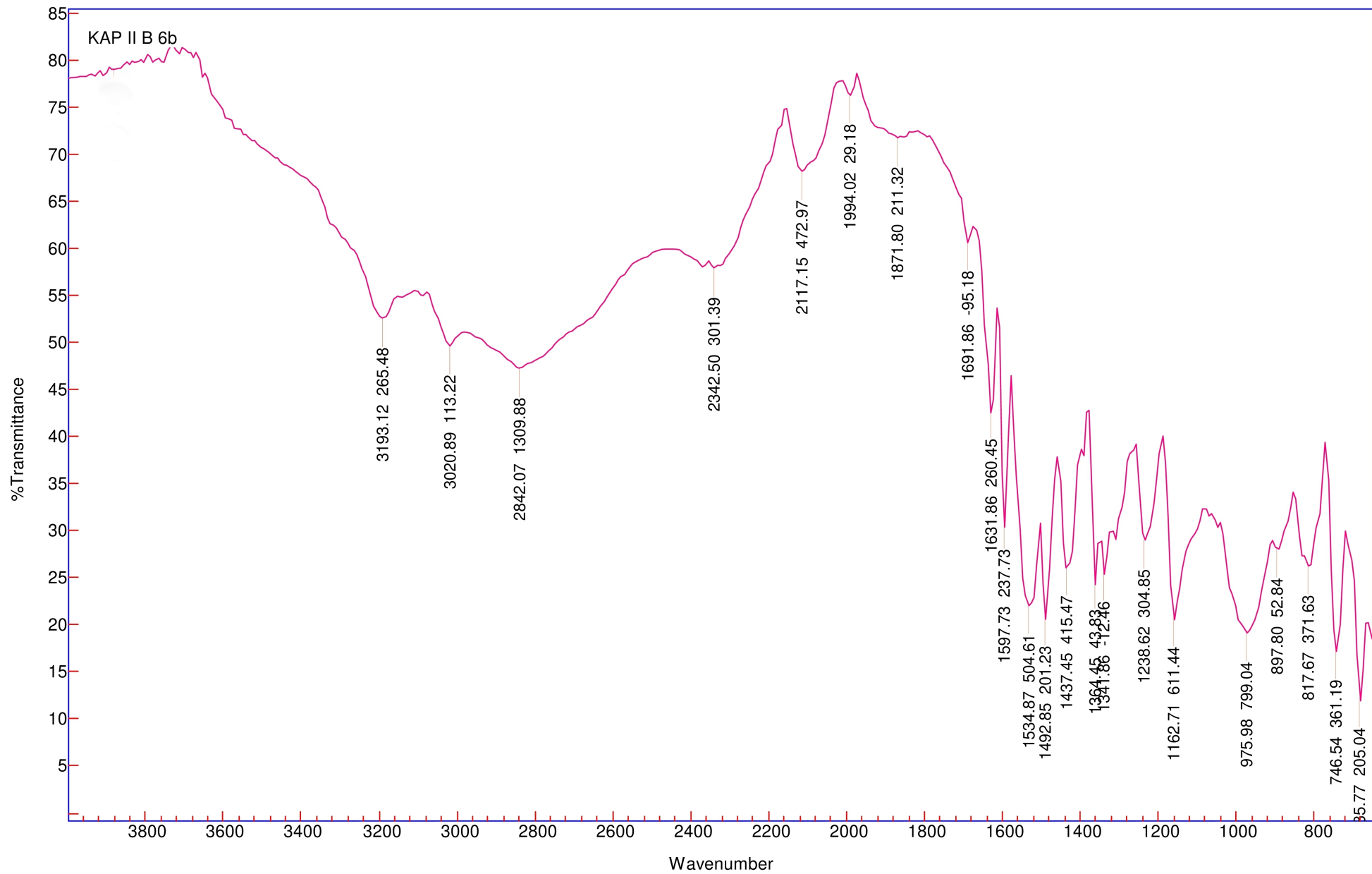
TOF MS ES+
1.69e4



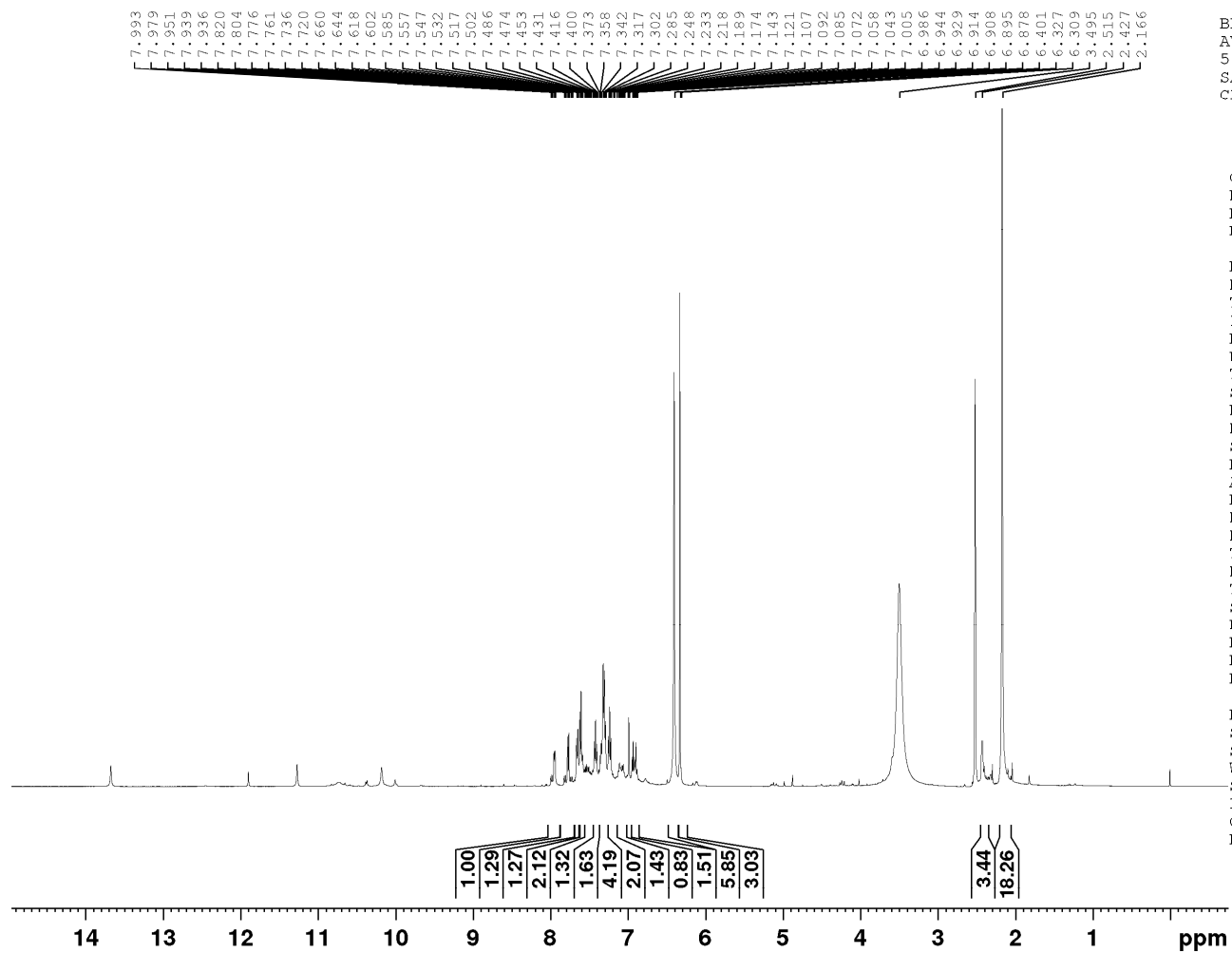
KAP II B 6a



KAP II B 6b



KAPIIB6a
1H_8scan DMSO {D:\Spectra} nmr 25



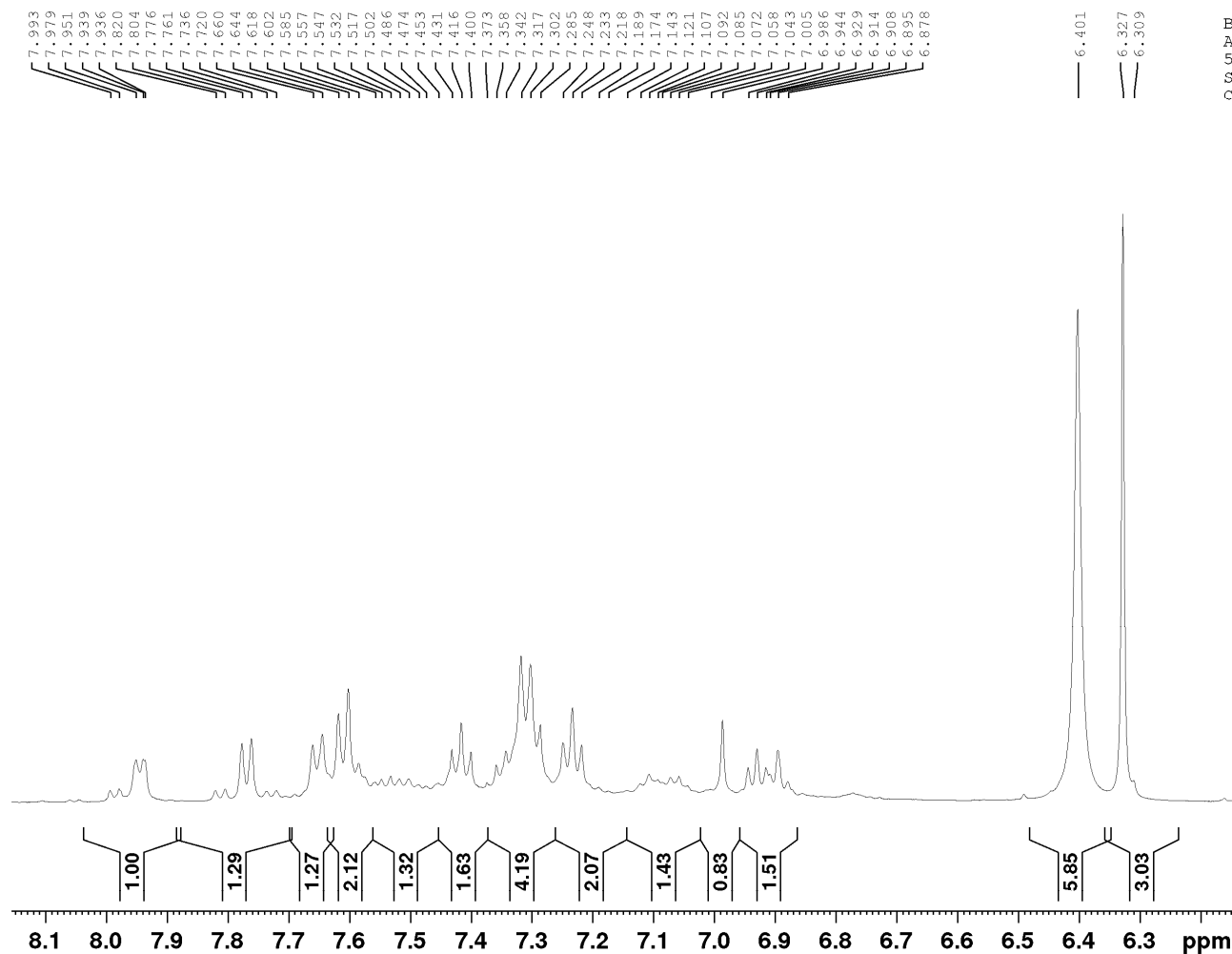
BRUKER
AVANCE NEO
500 MHz NMR SPECTROMETER
SAIF, PANJAB UNIVERSITY,
CHANDIGARH

Current Data Parameters
NAME Oct24-2019
EXPNO 250
PROCNO 1

F2 - Acquisition Parameters
Date_ 20191024
Time 14.09 h
INSTRUM Avance Neo 500
PROBHD Z119470_0333 (
PULPROG zg30
TD 65536
SOLVENT DMSO
NS 16
DS 0
SWH 14705.883 Hz
FIDRES 0.448788 Hz
AQ 2.2282240 sec
RG 32
DW 34.000 usec
DE 6.79 usec
TE 295.3 K
D1 1.00000000 sec
TD0 1
SFO1 500.1730885 MHz
NUC1 1H
P0 3.33 usec
P1 10.00 usec
PLW1 22.02300072 W

F2 - Processing parameters
SI 65536
SF 500.1699965 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

KAPIIB6a
1H_8scan DMSO {D:\Spectra} nmr 25



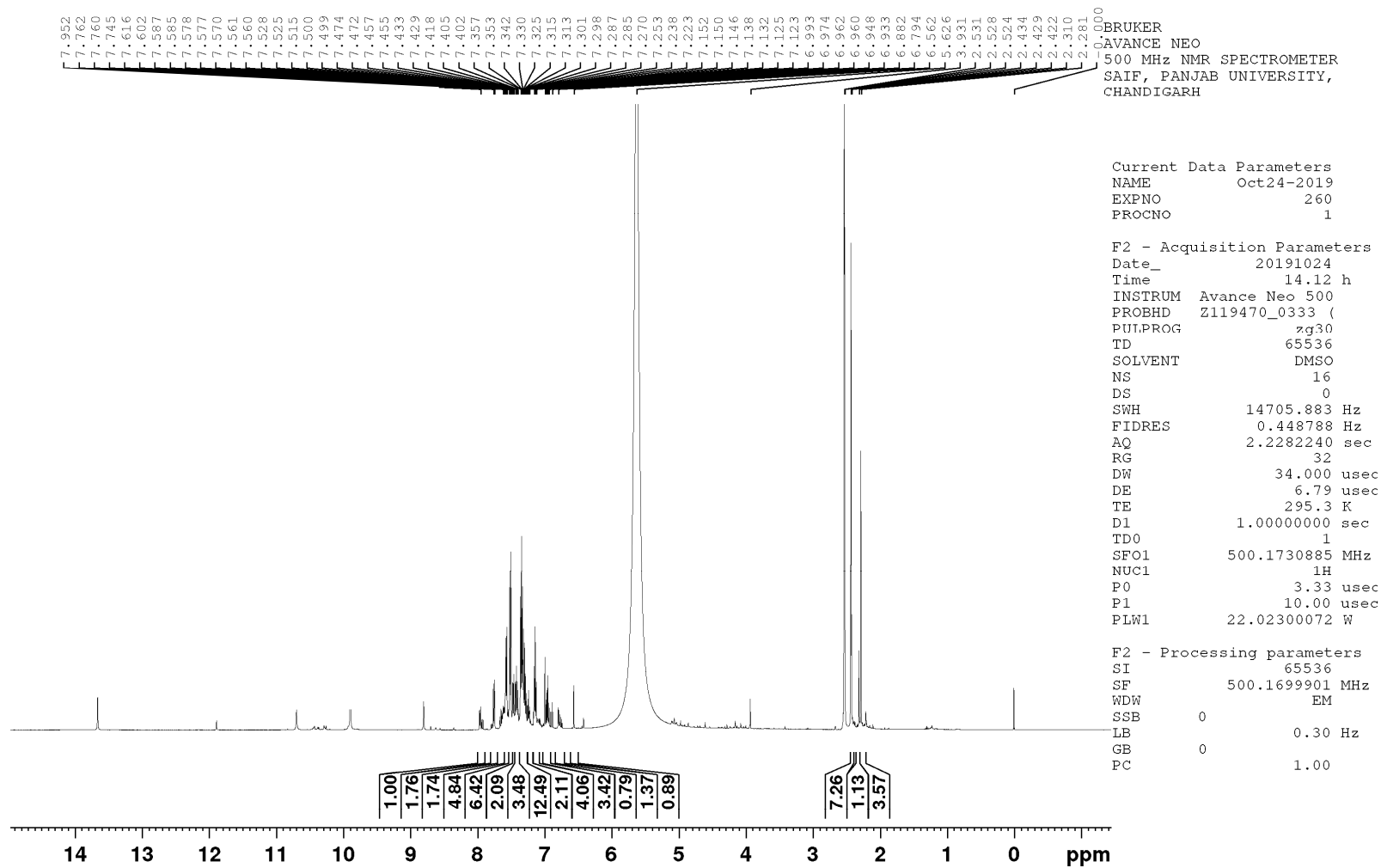
BRUKER
AVANCE NEO
500 MHz NMR SPECTROMETER
SAIF, PANJAB UNIVERSITY,
CHANDIGARH

Current Data Parameters
NAME Oct24-2019
EXPNO 250
PROCNO 1

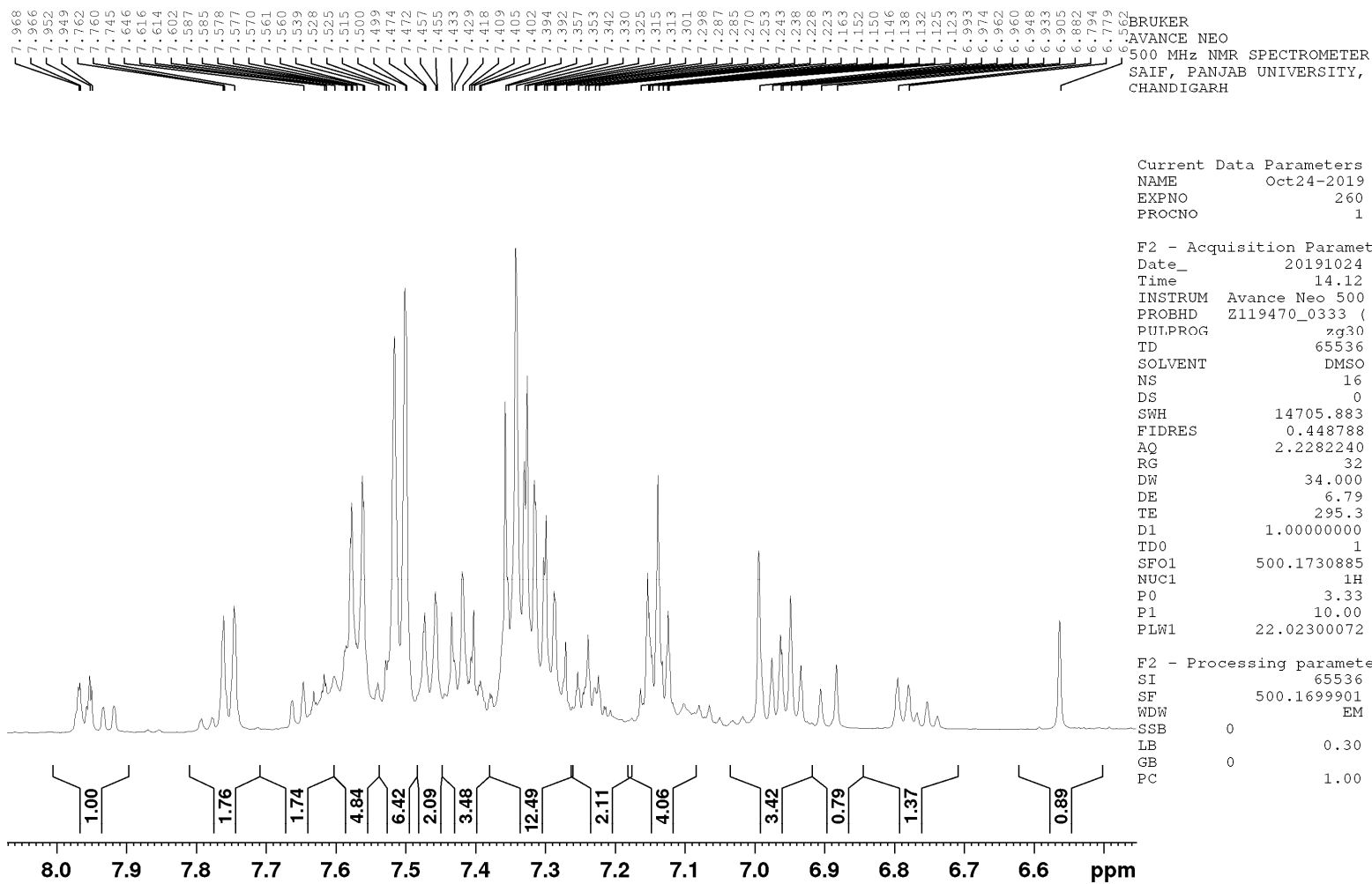
F2 - Acquisition Parameters
Date_ 20191024
Time 14.09 h
INSTRUM Avance Neo 500
PROBHD Z119470_0333 (
PULPROG zg30
TD 65536
SOLVENT DMSO
NS 16
DS 0
SWH 14705.883 Hz
FIDRES 0.448788 Hz
AQ 2.2282240 sec
RG 32
DW 34.000 usec
DE 6.79 usec
TE 295.3 K
D1 1.00000000 sec
TD0 1
SFO1 500.1730885 MHz
NUC1 1H
P0 3.33 usec
P1 10.00 usec
PLW1 22.02300072 W

F2 - Processing parameters
SI 65536
SF 500.1699965 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

KAPIIB6b
1H_8scan DMSO {D:\Spectra} nmr 26



KAPIIB6b
1H_8scan DMSO {D:\Spectra} nmr 26

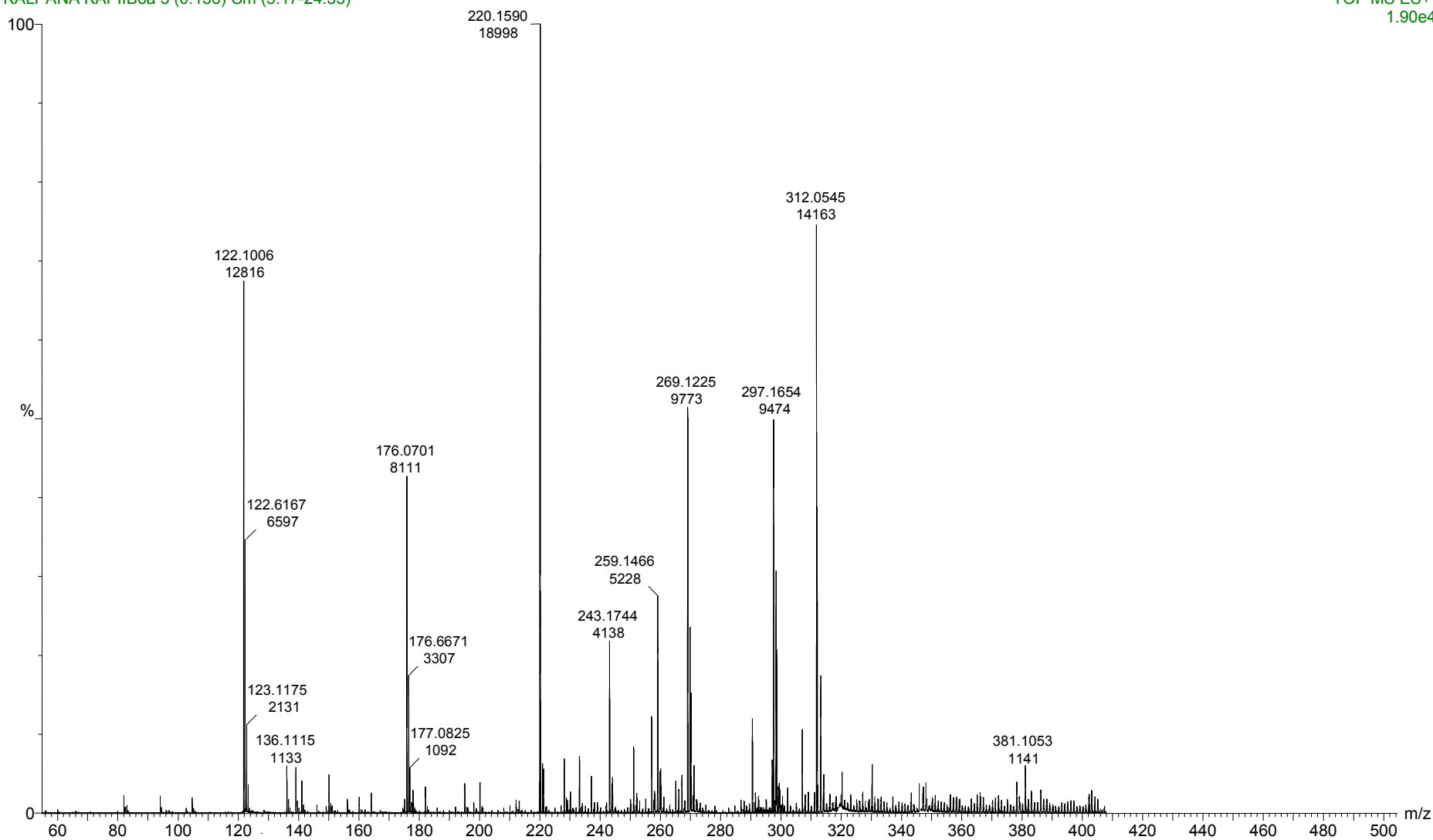


WATERS,Q-TOF MICROMASS (ESI-MS)

KALPANA KAPIIB6a 5 (0.136) Cm (5:17-24:33)

SAIF/CIL,PANJAB UNIVERSITY,CHANDIGARH

TOF MS ES+
1.90e4

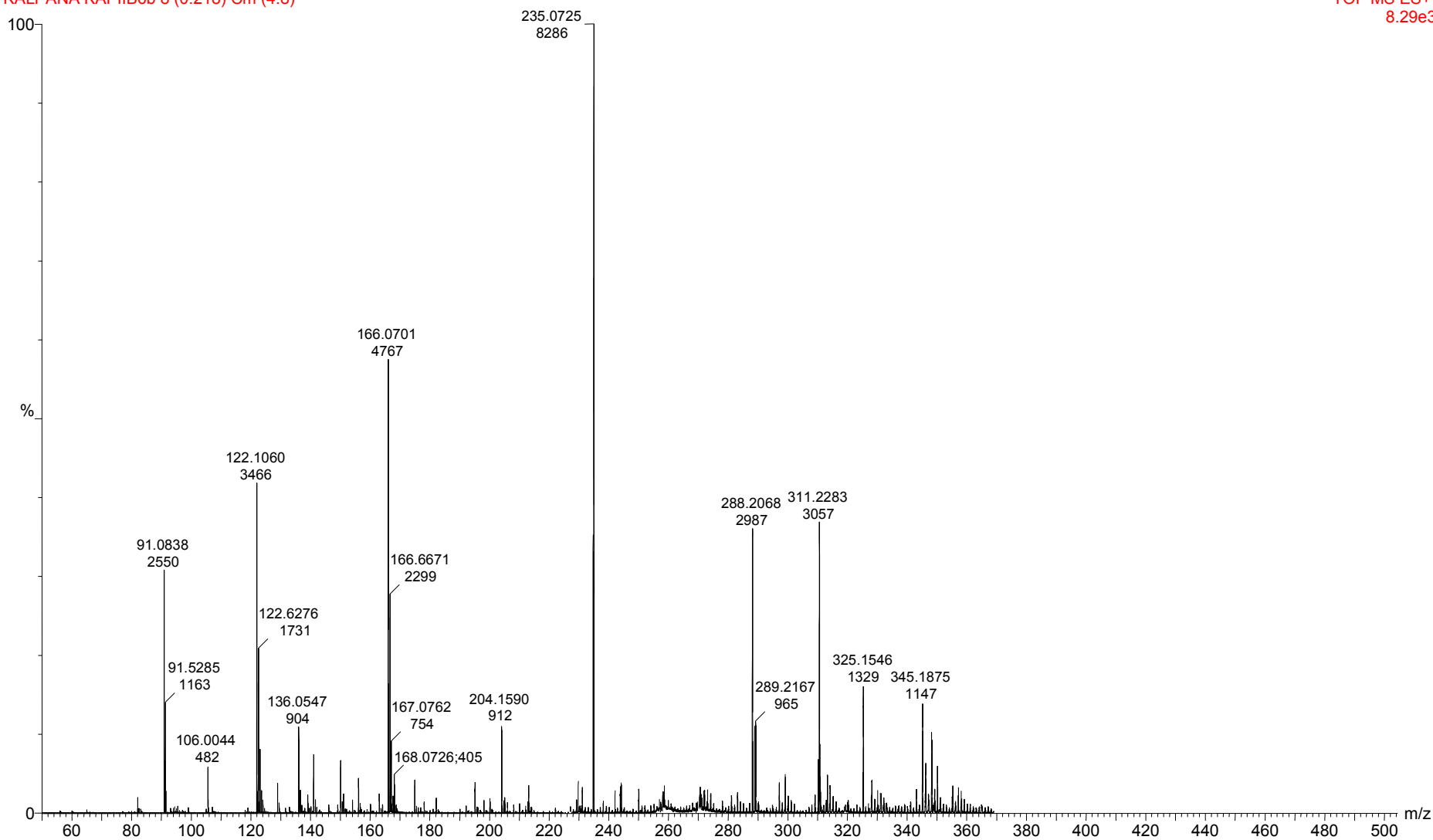


WATERS,Q-TOF MICROMASS (ESI-MS)

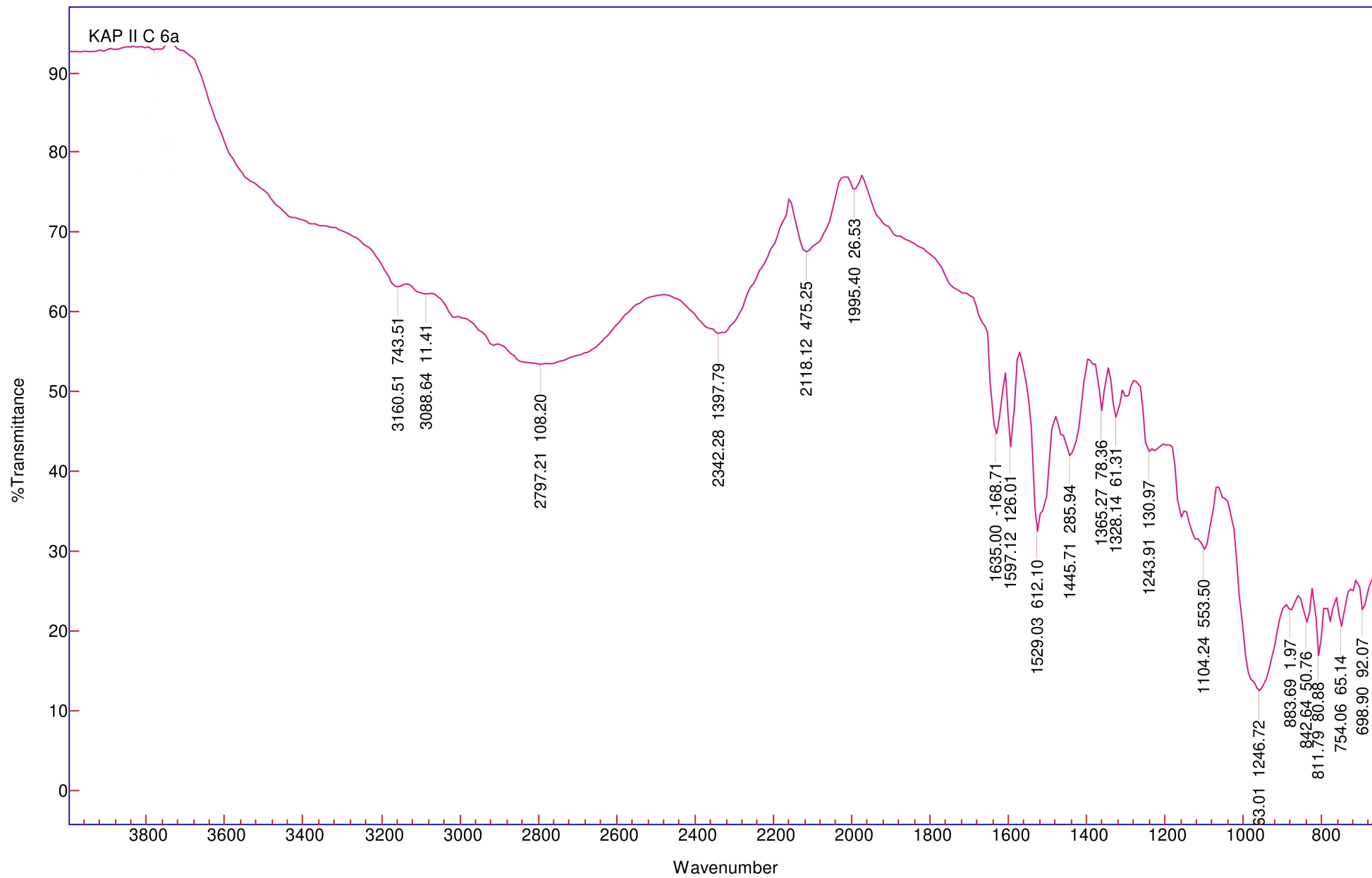
KALPANA KAPIIB6b 8 (0.218) Cm (4:8)

SAIF/CIL,PANJAB UNIVERSITY,CHANDIGARH

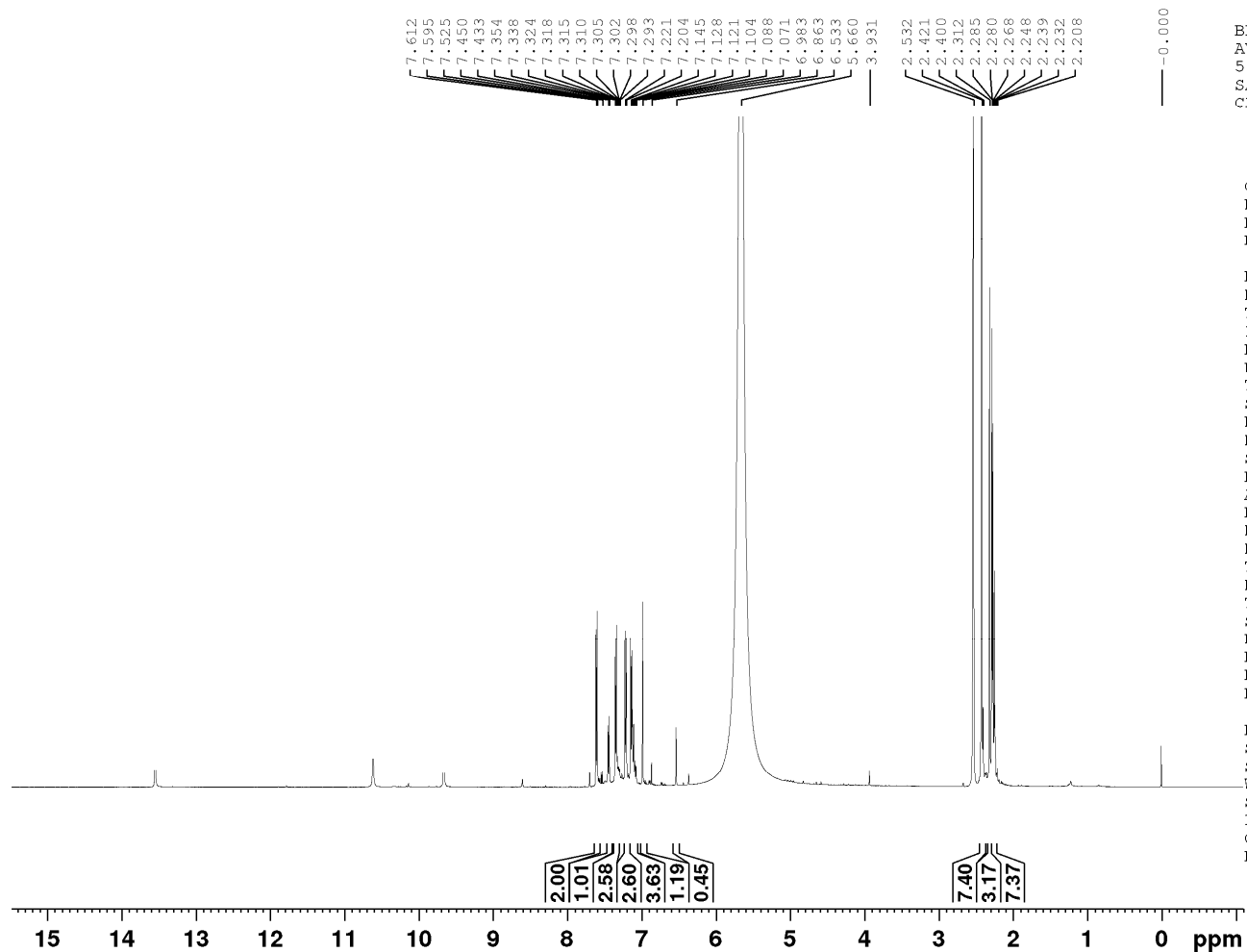
TOF MS ES+
8.29e3



KAP II C 6a



KAPIIC6a
1H_8scan DMSO {D:\Spectra} nmr 27



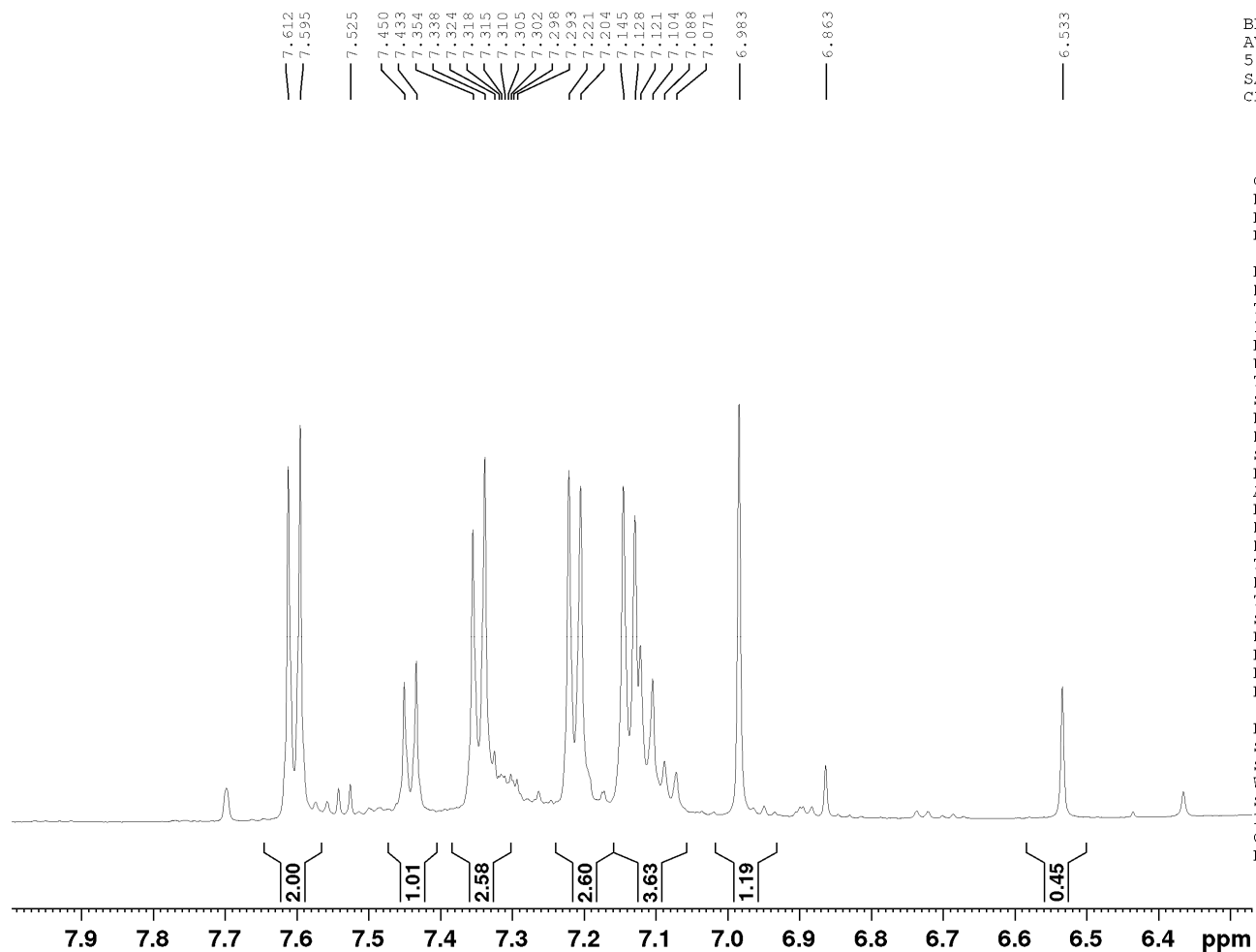
BRUKER
AVANCE NEO
500 MHz NMR SPECTROMETER
SAIF, PANJAB UNIVERSITY,
CHANDIGARH

Current Data Parameters
NAME Oct24-2019
EXPNO 270
PROCNO 1

F2 - Acquisition Parameters
Date_ 20191024
Time 14.14 h
INSTRUM Avance Neo 500
PROBHD Z119470_0333 (
PULPROG zg30
TD 65536
SOLVENT DMSO
NS 16
DS 0
SWH 14705.883 Hz
FIDRES 0.448788 Hz
AQ 2.2282240 sec
RG 32
DW 34.000 usec
DE 6.79 usec
TE 295.3 K
D1 1.00000000 sec
TD0 1
SFO1 500.1730885 MHz
NUC1 1H
P0 3.33 usec
P1 10.00 usec
PLW1 22.02300072 W

F2 - Processing parameters
SI 65536
SF 500.1699879 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

KAPIIC6a
1H_8scan DMSO {D:\Spectra} nmr 27



BRUKER
AVANCE NEO
500 MHz NMR SPECTROMETER
SAIF, PANJAB UNIVERSITY,
CHANDIGARH

Current Data Parameters
NAME Oct24-2019
EXPNO 270
PROCNO 1

F2 - Acquisition Parameters
Date_ 20191024
Time 14.14 h
INSTRUM Avance Neo 500
PROBHD Z119470_0333 (
PULPROG zg30
TD 65536
SOLVENT DMSO
NS 16
DS 0
SWH 14705.883 Hz
FIDRES 0.448788 Hz
AQ 2.2282240 sec
RG 32
DW 34.000 usec
DE 6.79 usec
TE 295.3 K
D1 1.00000000 sec
TD0 1
SFO1 500.1730885 MHz
NUC1 1H
P0 3.33 usec
P1 10.00 usec
PLW1 22.02300072 W

F2 - Processing parameters
SI 65536
SF 500.1699879 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

WATERS,Q-TOF MICROMASS (ESI-MS)

KALPANA KAPIIC6a 4 (0.109) Cm (2:16-29:46)

SAIF/CIL,PANJAB UNIVERSITY,CHANDIGARH

TOF MS ES+
2.01e4

