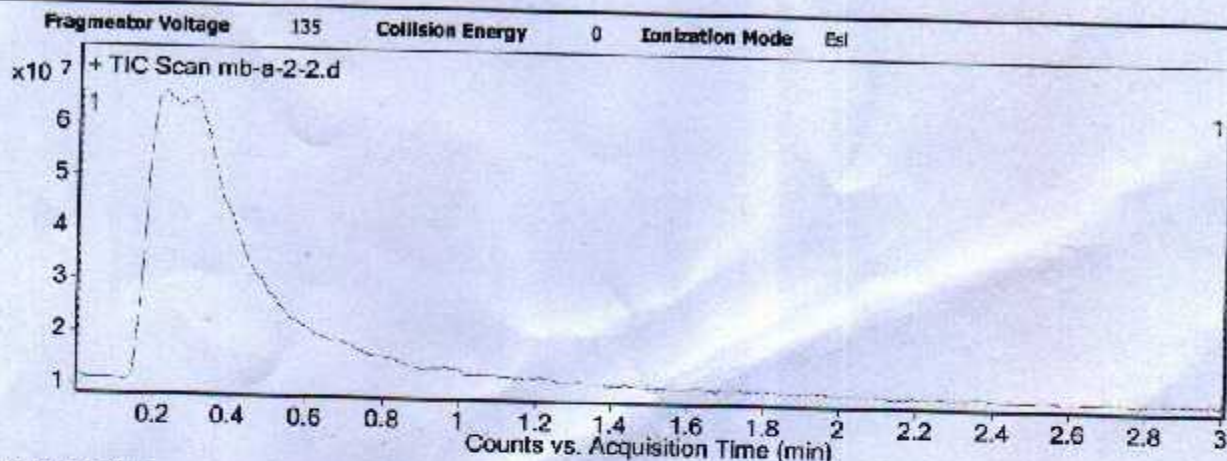


Qualitative Analysis Report

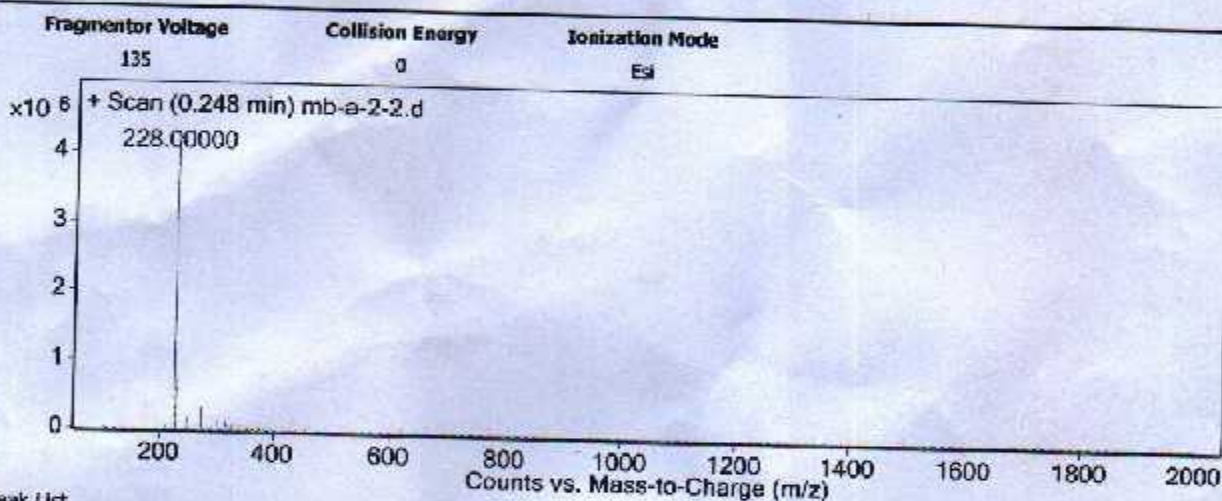
Data Filename mb-a-2-2.d
Sample Type Sample
Instrument Name Instrument 1
Acq Method me.m
DA Method hashiri.m

Sample Name mb-a-2-2
Position Vial 25
User Name
IRM Calibration Status
Comment

User Chromatograms



User Spectra



Peak List

m/z	z	Abund.
228	1	4156597
229	1	606987
274.1		322088

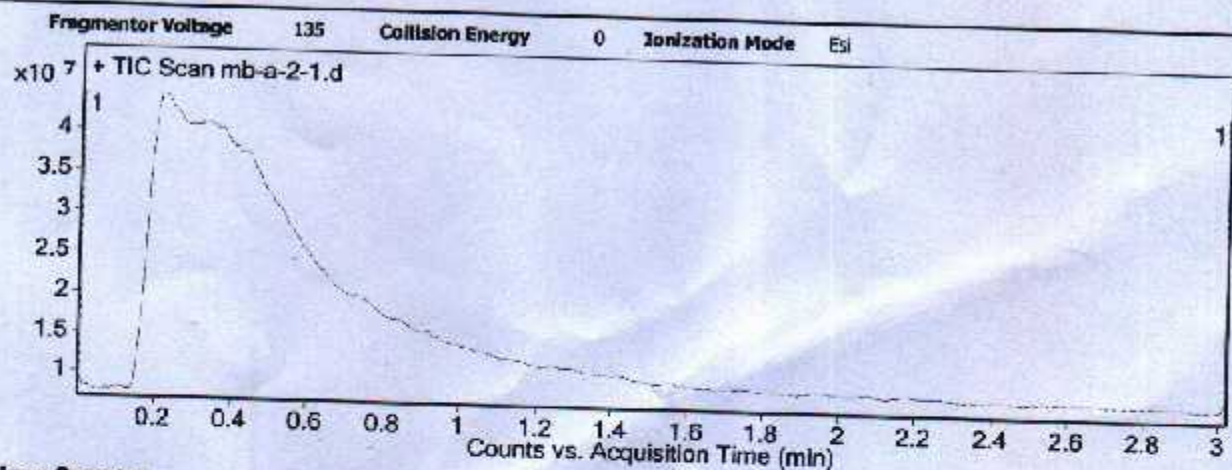
--- End Of Report ---

Qualitative Analysis Report

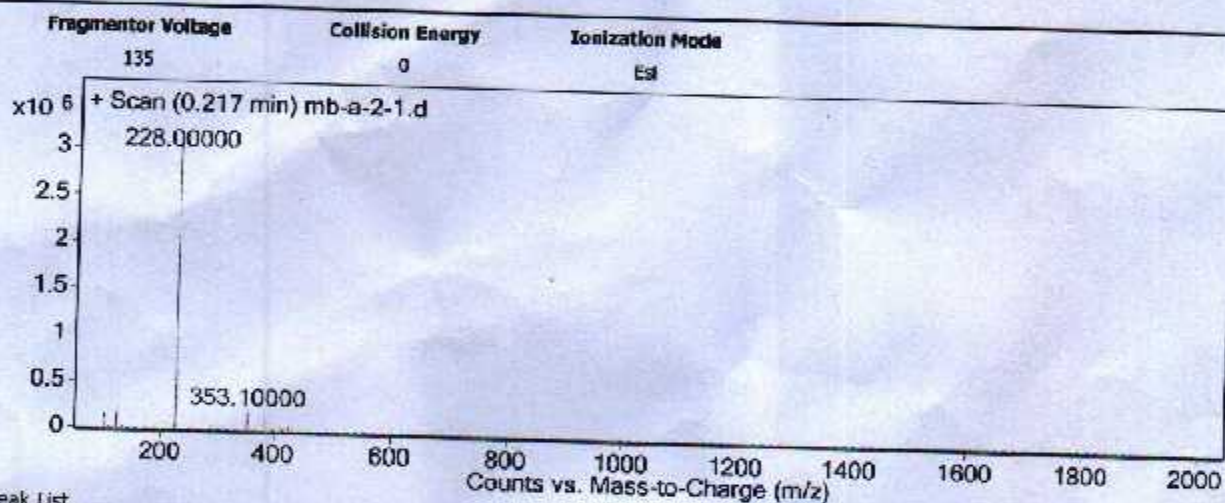
Data Filename mb-a-2-1.d
Sample Type Sample
Instrument Name Instrument 1
Acq Method me.m
DA Method hashiri.m

Sample Name mb-a-2-1
Position Vial 23
User Name
IRM Calibration Status
Comment

User Chromatograms



User Spectra



Peak List

m/z	z	Abund.
124		223559
228	1	3085816
229	1	461504
353.1		176040

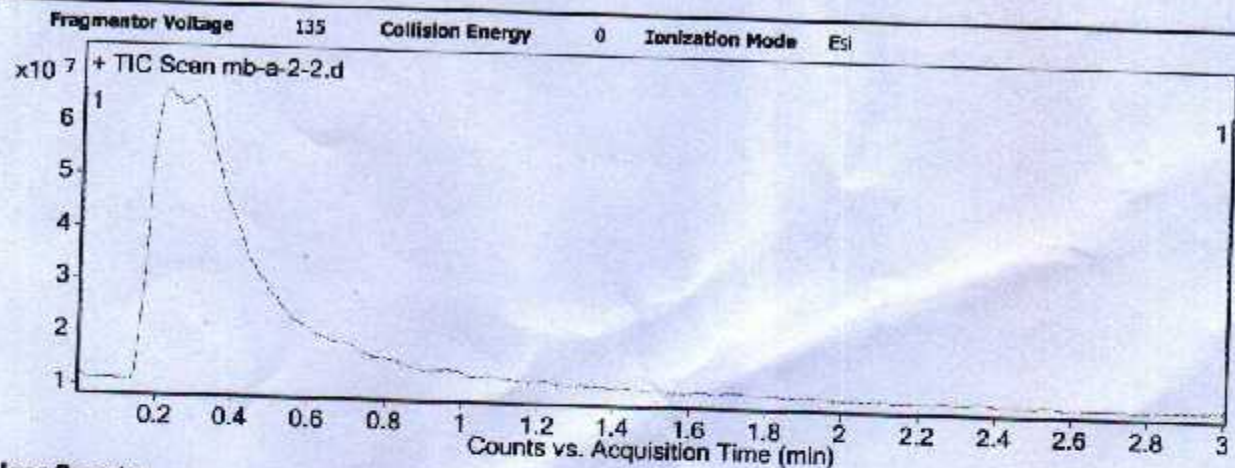
--- End Of Report ---

Qualitative Analysis Report

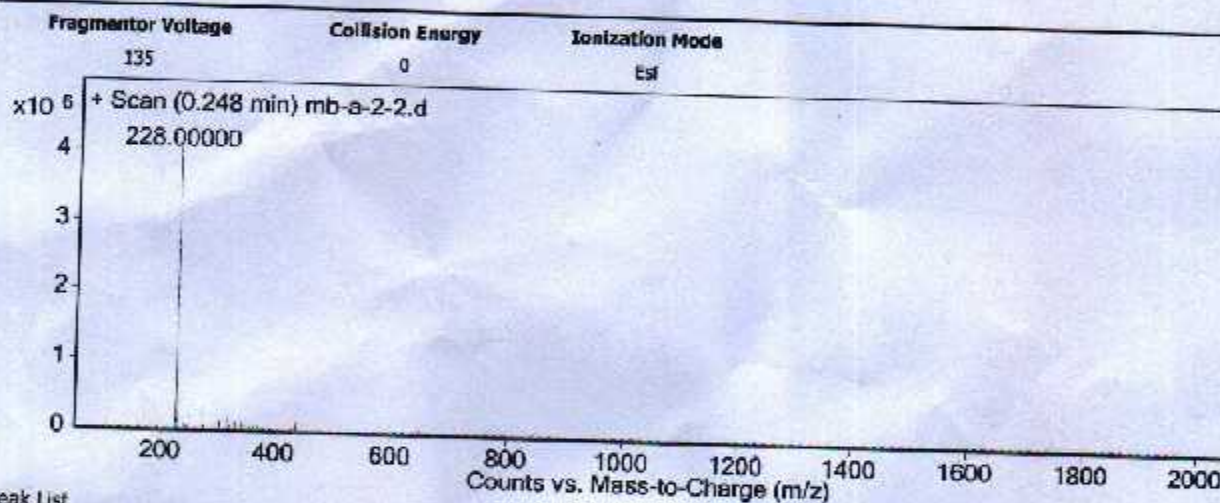
Data Filename mb-a-2-2.d
Sample Type Sample
Instrument Name Instrument 1
Acq Method me.m
DA Method hashlr1.m

Sample Name mb-a-2-2
Position Vial 25
User Name
IRM Calibration Status
Comment

User Chromatograms



User Spectra



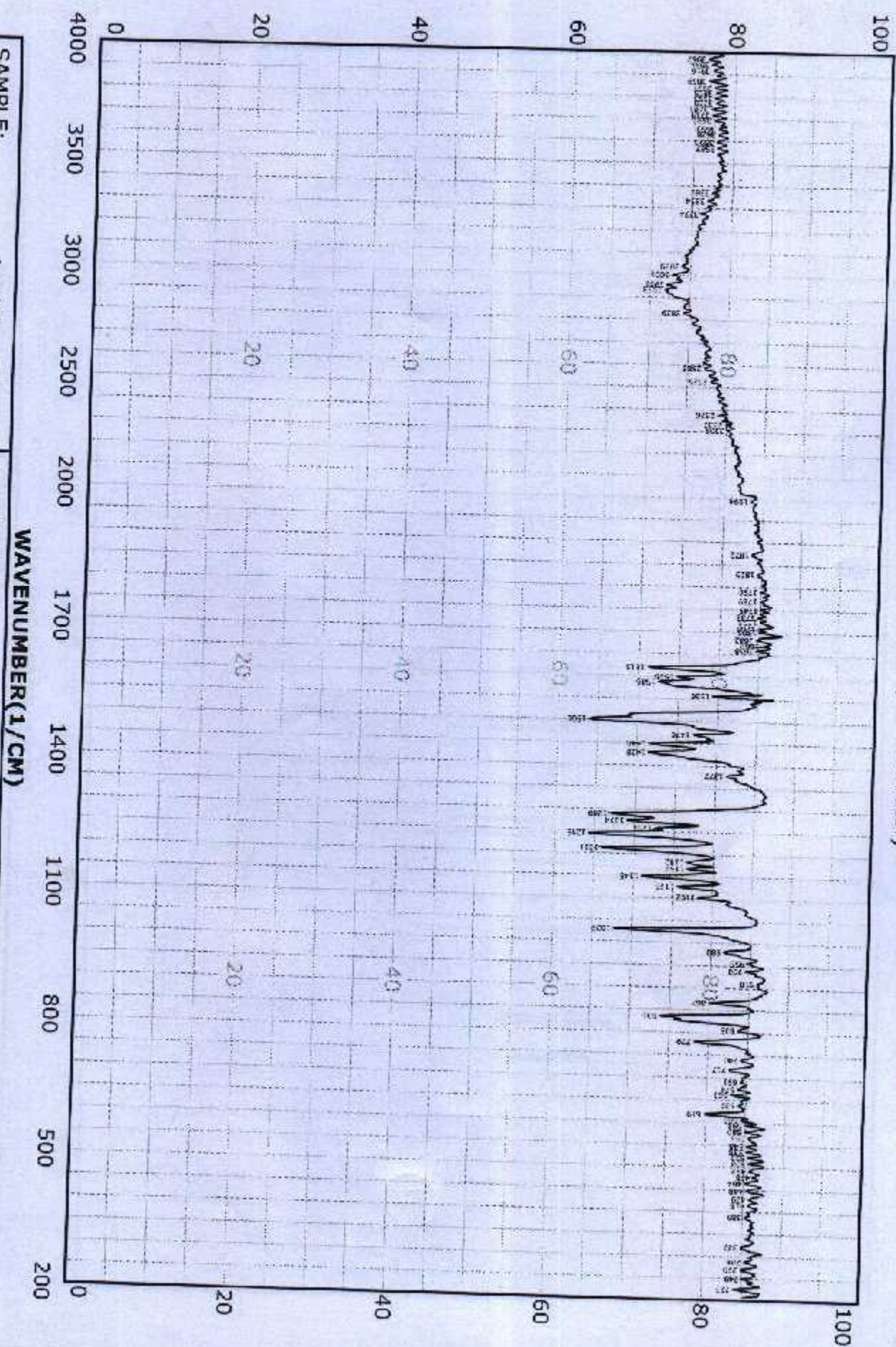
Peak List

m/z	z	Abund.
228	1	4156597
229	1	606987
274.1		322088

--- End Of Report ---

Shahid Beheshti University

Instrumental Analysis Laboratory



SAMPLE:

Acquisition Collection

SOLVENT:

KBr

CONCENTRATION:

100.000 mg/g

SUPERVISOR:

Unknown

STUDENT:

Dr Kobarfard

DEVICE MODEL:

PE 843 IR

OPERATOR:

Unknown

DATE:

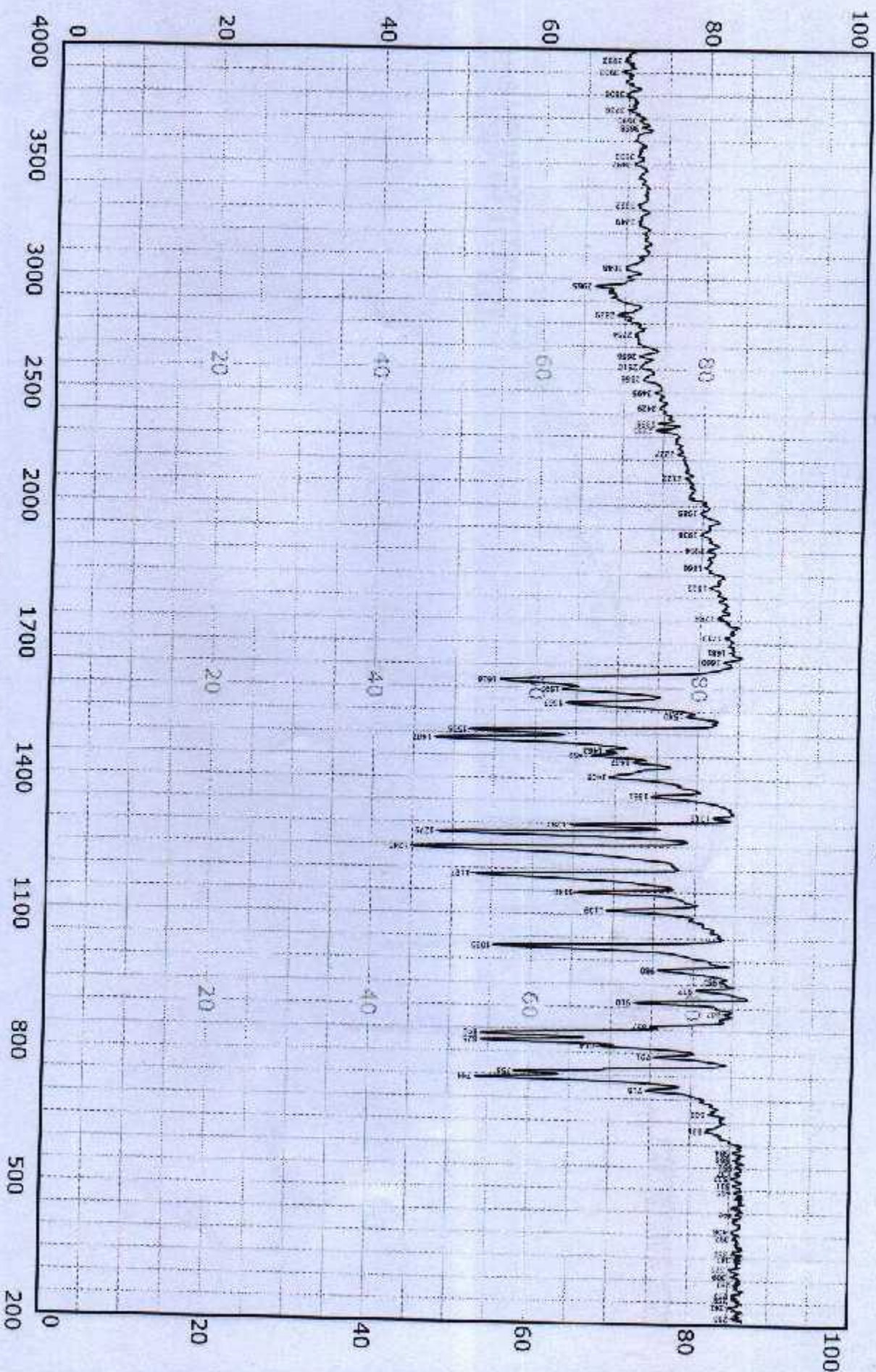
Friday, September 01, 2006

TIME:

12:00:05

Shahid Beheshti University

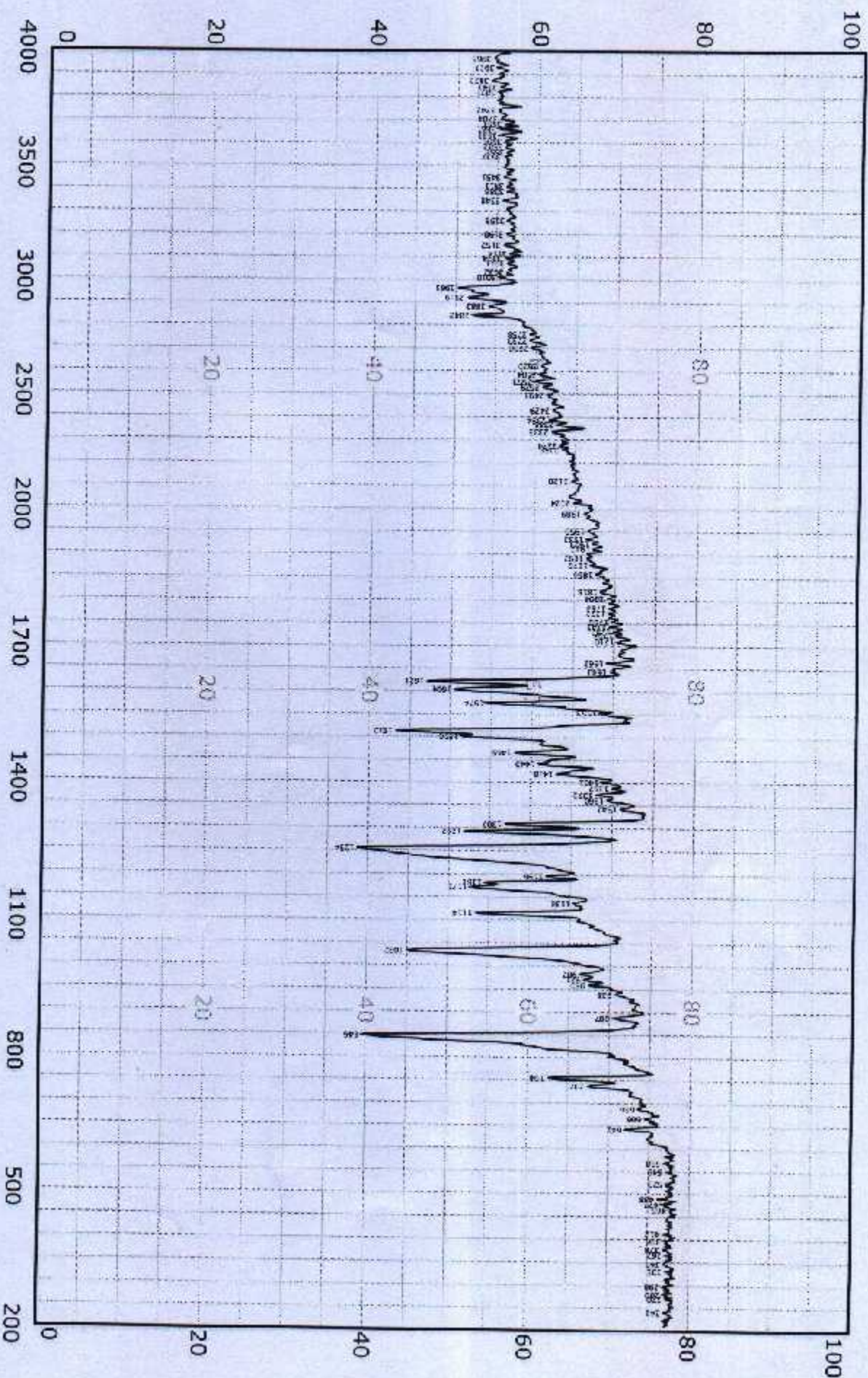
Instrumental Analysis Laboratory



SAMPLE:	Acquisition Collection	SUPERVISOR:	Unknown	OPERATOR:	Unknown
SOLVENT:	KBr	STUDENT:	Dr Kobarfard	DATE:	Friday, September 01, 2006
CONCENTRATION:	100.000 mg/g	DEVICE MODEL:	PE 843 IR	TIME:	12:00:05

Shahid Beheshti University

Instrumental Analysis Laboratory



WAVENUMBER(1/CM)

SAMPLE:	Acquisition Collection	SUPERVISOR:	Unknown	OPERATOR:	Unknown
SOLVENT:	KBr	STUDENT:	Dr Kobarfard	DATE:	Friday, September 01, 2006
CONCENTRATION:	100.000 mg/g	DEVICE MODEL:	PE 843 IR	TIME:	12:00:05

4Amino-1H-NMR in DMSO at 298 K 03/5/26



Current Data Parameters
NAME: Biqelli
EXPNO: 4
PROCNO: 1

F2 Acquisition Parameters
Date_: 20140817
Time: 11:48

INSTRUM: spect
PROBHD: 5 mm QNP 1H/13
PULPROG: zg30

ID: 32750
SOLVENT: DMSO

NS: 8
DS: 0

SWH: 10000.000 Hz
FIDRES: 0.305176 Hz

RG: 1.6305000 sec
AQ: 512

DE: 50.000 usec
TE: 298.2 K

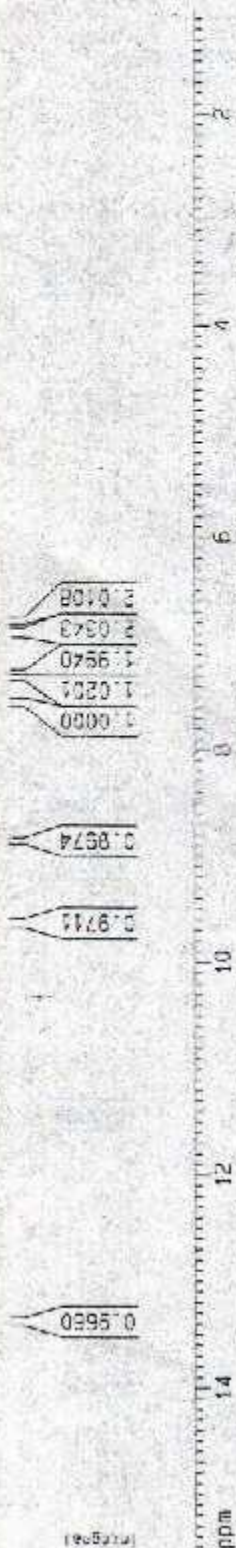
SI: 5.0000000 sec
MCREST: 0.0000000 sec

MCNTR: 0.0150000 sec

----- CHANNEL f1 -----
NUC1: 1H
P1: 10.50 usec
PL1: -3.00 dB
SFO1: 500.130495 MHz

F2 Processing parameters
SI: 32768
SF: 500.130495 MHz
WDW: EM
SSB: 0
LB: 0.30 Hz
GB: 0
PC: 1.00

1D NMR plot parameters
CX: 20.00 cm
CY: 5.00 cm
FIP: 15.524 ppm
F1: 2754.02 Hz
F2: 1.018 ppm
PCNCH: 0.72526 ppm/cm
PCNCH: 303.77334 Hz/cm



(2)

4Amino 1HNMR in DMSO at 298 K 03/5/25



6.42271

- 7.55822
- 7.55506
- 7.54290
- 7.53971
- 7.34580
- 7.34242
- 7.33106
- 7.32919
- 7.32790
- 7.32524
- 7.31471
- 7.31132
- 7.29390
- 7.28723
- 7.28313
- 7.27394
- 7.26968
- 7.26306
- 5.93218
- 5.93021
- 6.91728
- 6.91522
- 6.90201
- 6.90039
- 6.88432
- 6.81655
- 6.80997
- 6.80586
- 6.79565
- 6.79242
- 6.78576

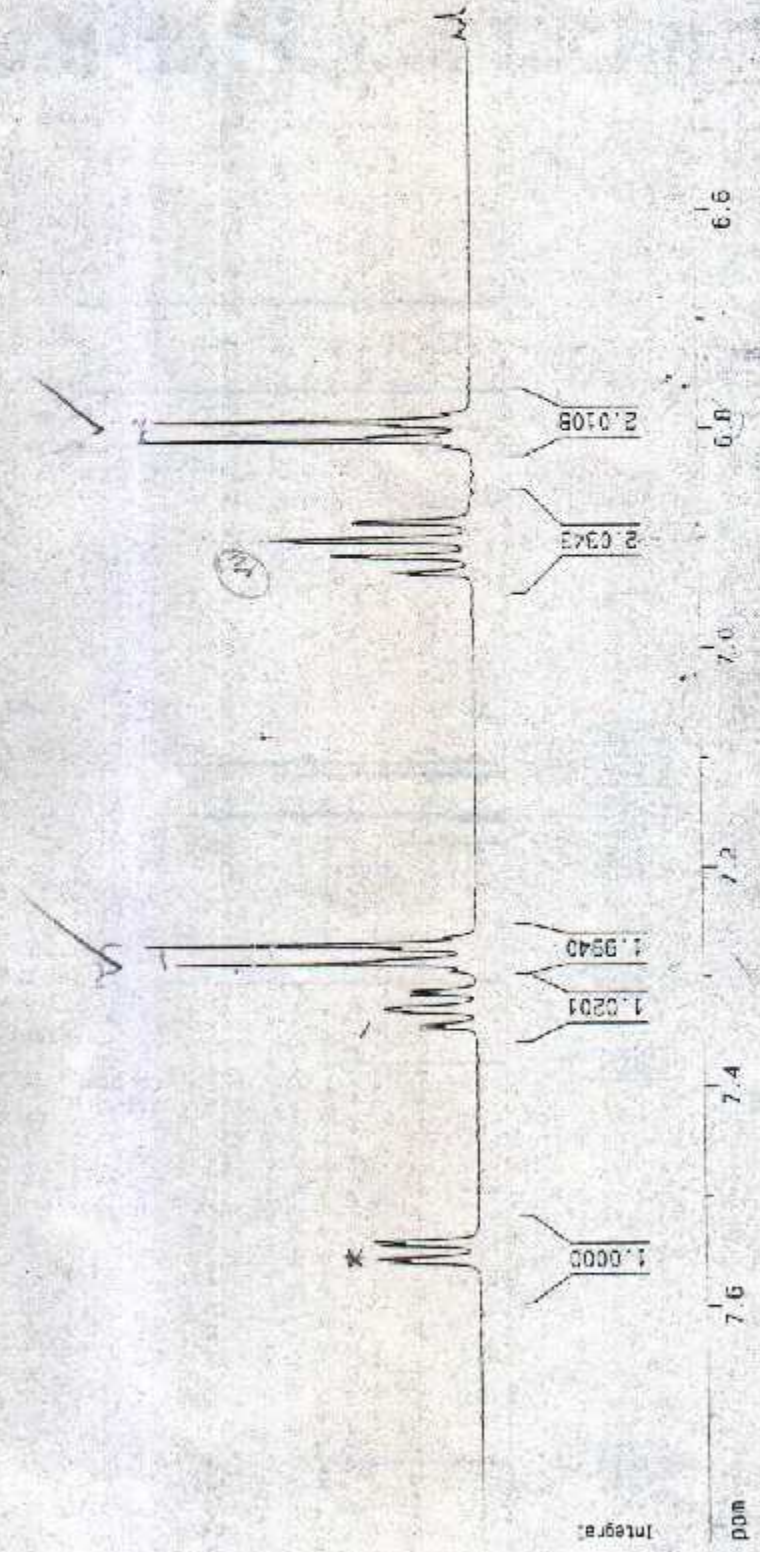
Current Data Parameters
NAME: Bigdell
EXPNO: 4
PROCNO: 1

F2 - Acquisition Parameters
Date_: 20140817
Time: 11:48
INSTRUM: spect
PROBHD: 5 mm QNP 1H/13
PULPROG: zgpg30
TD: 32768
SOLVENT: DMSO
NS: 8
DS: 0
SWH: 10000.000 MHz
FIDRES: 0.305176 Hz
AQ: 1.0365000 sec
RG: 512
DM: 50.000 usec
DE: 6.50 usec
TE: 298.0 K
SI: 6.00000000 sec
MCAFS1: 0.00000000 sec
MCNTR: 0.01500000 sec

===== CHANNEL f1 =====
NUC1: 13C
P1: 10.50 usec
PL1: -3.00 dB
SF01: 500.133085 MHz

F2 - Processing parameters
SI: 32768
SF: 500.1330231 MHz
WDW: EM
SSB: 0
LB: 0.33 Hz
GB: 0
PC: 1.00

13C NMR plot parameters
CX: 20.00 cm
CY: 6.05 cm
ZIP: 7.814 mm
F1: 1607.41 Hz
F2: 6.407 ppm
F2: 3204.17 Hz
NUC2: 0.07036 ppm/cM
HZ/N: 35.10725 Hz/cm



4AMINO phenon 1HMR in DMSO at 298 K 93/5/26



Current Data Parameters
NAME: 4AMINO
EXPNO: 2
PROCNO: 1

F2 - Acquisition Parameters
Date_ 20140317
Time 11.31

INSTRUM spect
PROBHD 5 mm QNP 1H/13
PULPROG zgpg30

TD 32768
SOLVENT DMSO
NS 8
DS 0

SHF 10000.000 MHz
FIDRES 0.305176 Hz
AQ 1.6300000 sec

RG 812.7
DM 50.000 usec
DE 6.50 usec

TE 298.2 K
D1 5.0000000 sec
MCHST 0.0000000 sec

MONIR 0.0150000 sec

Channel f1

NUC1 1H
P1 10.50 usec
PL1 -3.00 dB

SFO1 500.130055 MHz

F2 - Processing parameters
SI 32768
SF 500.130055 MHz

WDW EM
SSB 0
LB 0.30 Hz

GB 0
PC 1.00

10 NMR plot parameters

EX 20.00 cm
CY 15.00 cm

F1 15.325 ppm
F2 7667.57 Hz

F3 0.550 ppm
F4 275.18 Hz

PRIN 0.7105 usec/cm
ZLEV 0.0105 usec/cm

3.2796

1.0000
3.0366
1.0273
2.0118
1.0115

1.0013

0.9907

0.9867

13.7272

ppm

Integral



4Amino phenon 1HMR in DMSO at 298 K 93/5/26



Current Data Parameters
NAME B100611
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters

Date_ 20140917
Time 11.31
INSTRUM spect
PULPROG 5 mm DNP 1H/13
F4PRG30 2930
TD 32768
SOLVENT DMSO
NS 0
DS 0
SWH 10030.000 Hz
FIDRES 0.305176 Hz
AQ 1.6385000 sec
RG 812.7
CW 5.0 0.00 usec
DE 5.50 usec
TE 298.0 K
D1 5.00000000 sec
MCHST 0.00000000 sec
NMRK 0.01500000 sec

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

NUC1 1H
P1 10.50 usec
PL1 -3.00 dB
SF01 500.132085 MHz

F2 - Processing Parameters

SI 32768
SF 500.1300231 MHz
F2 0
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

10 NMR pipe parameters

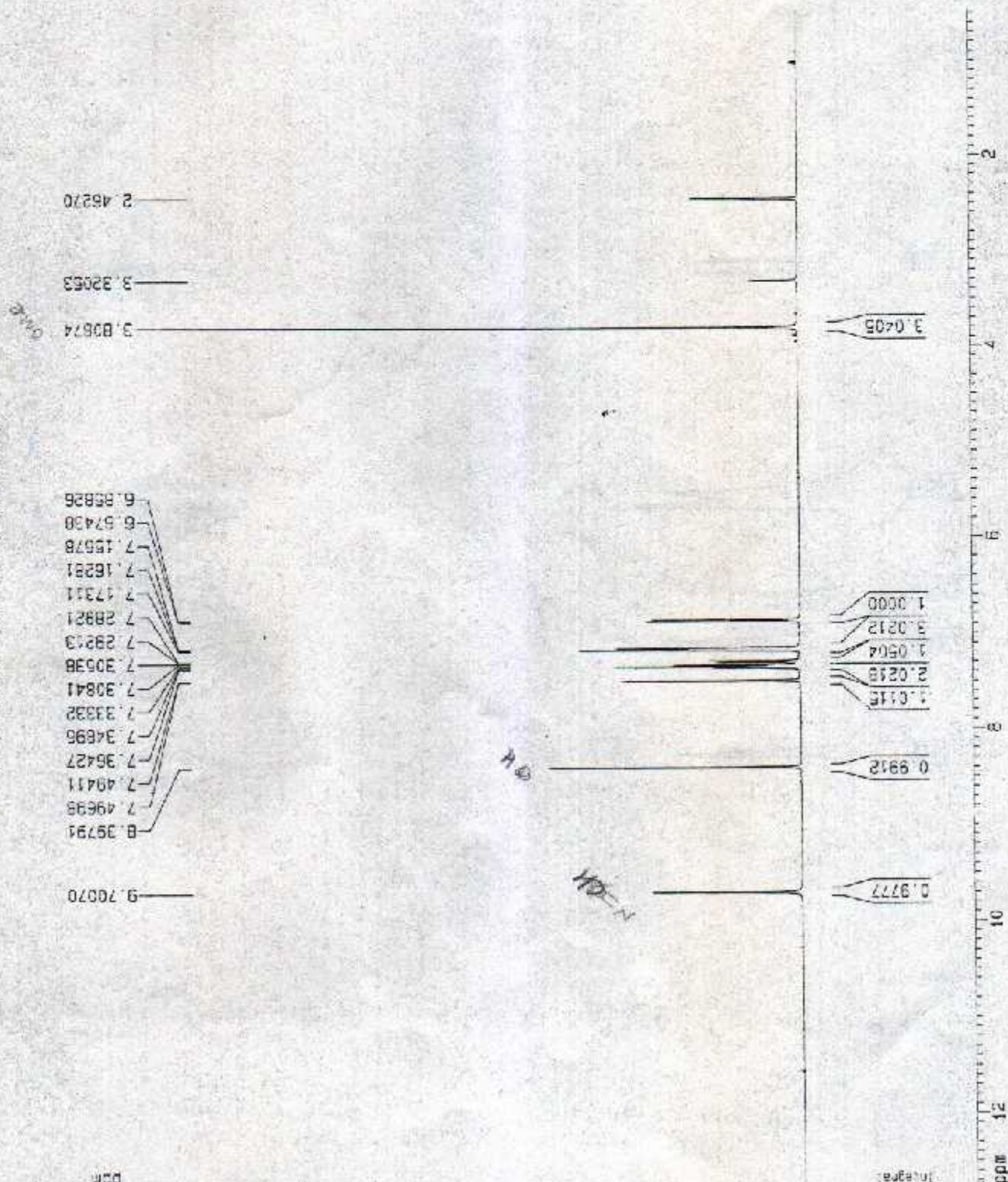
CX 20.00 cm
CY 15.95 cm
FIP 7.926 mm
F1 3063.94 Hz
F2P 6.222 mm
F2 3111.94 Hz
PPHOM 5.0 Hz
H2O/H 42.50034 Hz/L

Integral



123456789101112

VIA 1H NMR in DMSO at 298 K 03/05/25



Current Data Parameters
NAME: 3
EXPNO: 3
PROCNO: 1

F2 - Acquisition Parameters
Date_: 20140317
Time: 11:37
INSTRUM: spect
PROBHD: 5 mm QNP 1H/13
PULPROG: zgpg30
TD: 32768
SOLVENT: DMSO
NS: 0
DS: 0
SWH: 10000.000 MHz
FIDRES: 0.305176 Hz
AQ: 1.1548000 sec
RG: 101
DM: 50.000 usec
DE: 6.50 usec
TE: 298.0 K
D1: 5.0000000 sec
MCREST: 0.0000000 sec
MCMRG: 0.0150000 sec

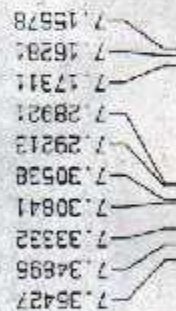
===== CHANNEL f1 =====
NUC1: 1H
P1: 10.50 usec
PL1: -3.00 dB
SFO1: 500.1330005 MHz

F2 - Processing parameters
SI: 32768
SF: 500.1330005 MHz
WDW: EM
SSA: 0
LB: 0.30 Hz
GB: 0
PC: 1.00

1D NMR plot parameters
CX: 20.00 cm
CY: 12.00 cm
FLP: 12.757 ppm
F1: 6200.00 Hz
F2: 0.483 ppm
F3: 241.73 Hz
PCHW: 0.6136 ppm/cm
M2M: 106.9166 Hz/cm



Wed



F2 Acquisition Parameters	
DATE_	20JUN87
TIME	11.37
INSTRUM	SECT
PROBHD	5 mm QNP 1H/13
PULPROG	zg30
TD	32768
SOLVENT	DMSO
NS	8
DS	0
SWH	10000.000 Hz
FIDRES	0.305176 Hz
AQ	1.6362000 sec
RG	161
DE	50.000 USEA
TE	6.50 USEA
DT	298.0 K
RGST	5.0000000 sec
NRNG	0.0000000 sec
NRW	0.0150000 sec

CHANNEL 11

	1H
NLC3	10.50 ppm
P1	-3.00 dB
P1.1	500.1330835 MHz
SFO1	

Processing parameters	
F2	32768
ST	500.1300231 MHz
SF	EM
WCK	0
SSR	0.30 Hz
LB	0
RB	0
PC	1.00

```

1D NMR plot parameters
-----
F1 20.00 MHz
F2 12.87 MHz
NUC1 7.0000000
NUC2 39.0000000
P1 6.2760000
P2 6.2760000
FID 3139.0000000
NAME 0.0780000
WCM 36.02242 MHz

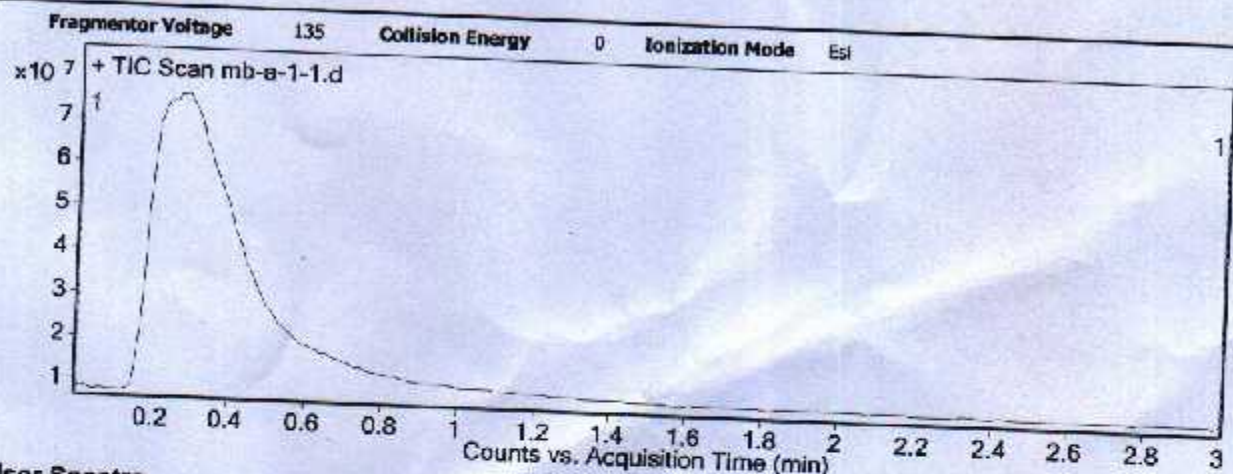
```

Qualitative Analysis Report

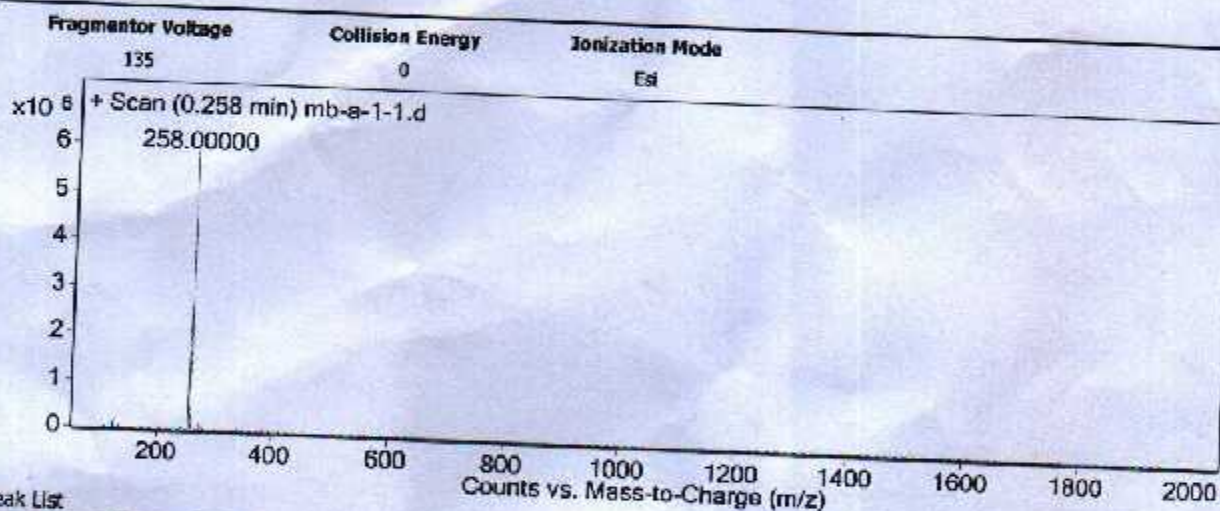
Data Filename: mb-a-1-1.d
 Sample Type: Sample
 Instrument Name: Instrument 1
 Acq Method: me.m
 DA Method: hashint.m

Sample Name: mb-a-1-1
 Position: Vial 22
 User Name:
 IRM Calibration Status:
 Comment:

User Chromatograms



User Spectra



Peak List

m/z	z	Abund.
258	1	6068882
259	1	977996

--- End Of Report ---