

2-Bromo acetyl naphthalene

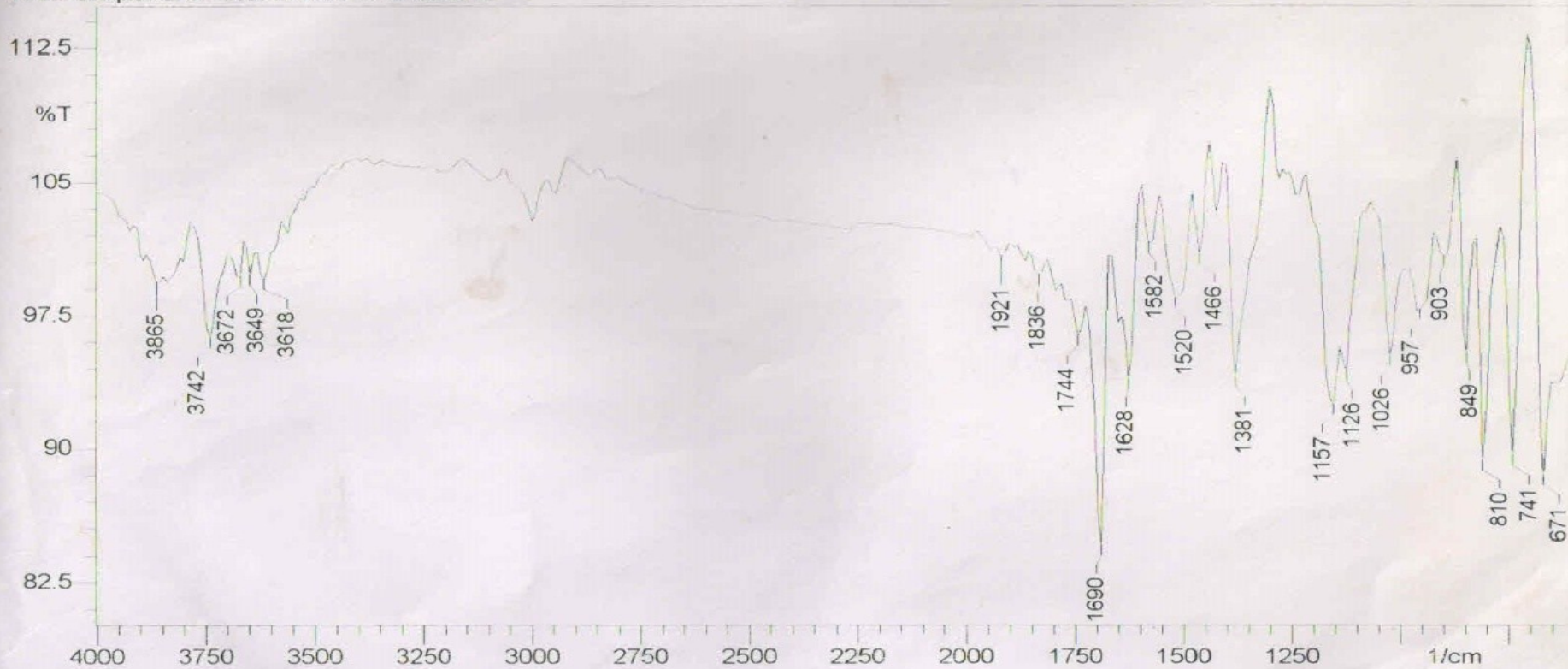
2- α -bromoacetylnaphthalene

12:55:23 PM 1/16/2012

Operator: <Manjeet Saini>
Department: <Chemistry>

ABB

TITLE: Sample ABRN =2095 2012-01-16 12h53m55s



M. Saini
1/16/2012

1a

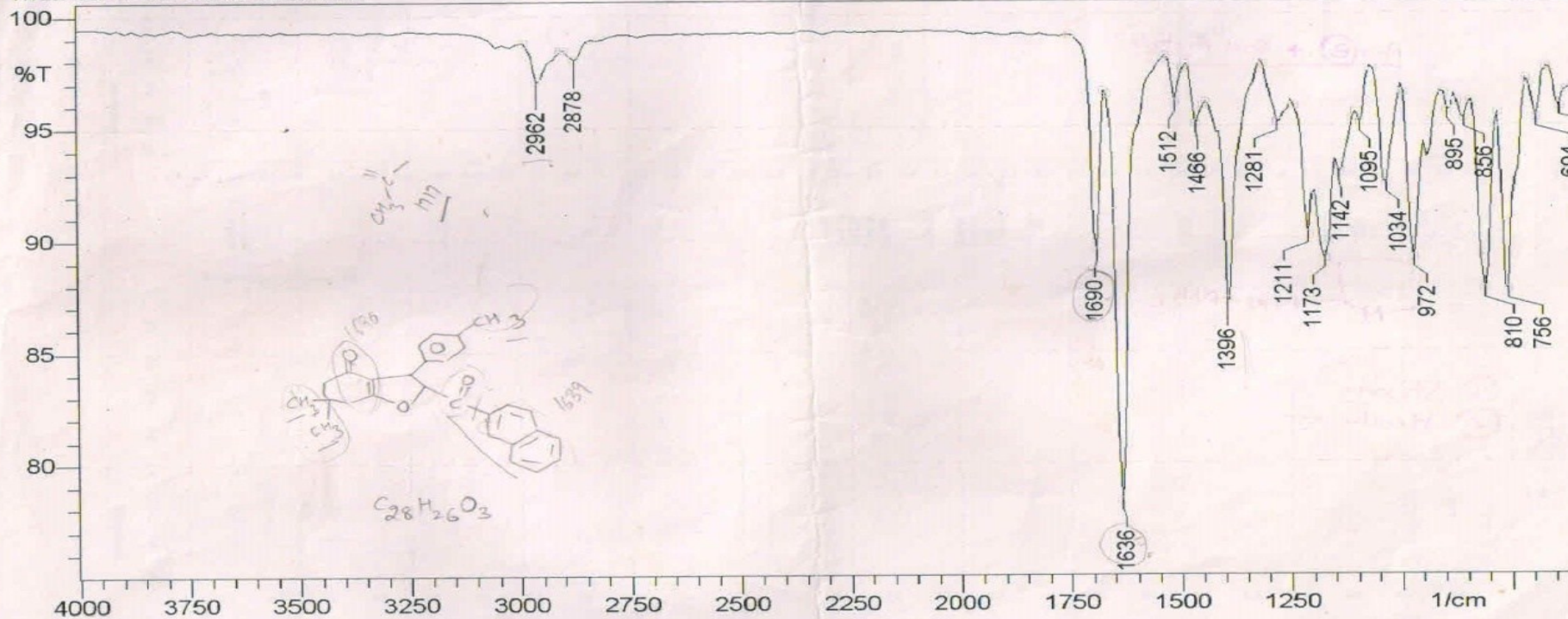
07-02

3:02:11 PM 9/6/2011

Operator: MANJEET SAINI
Department: CHEMISTRY

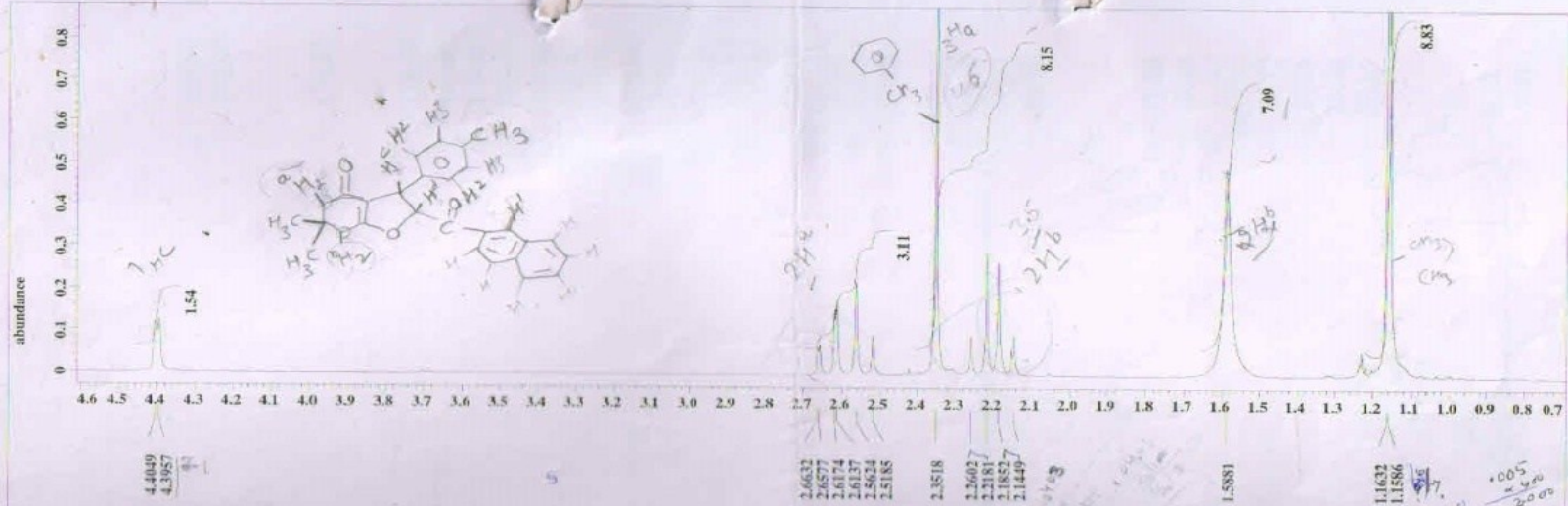
ABB

TITLE: SD -5 =2011-09-06 15h00m04s

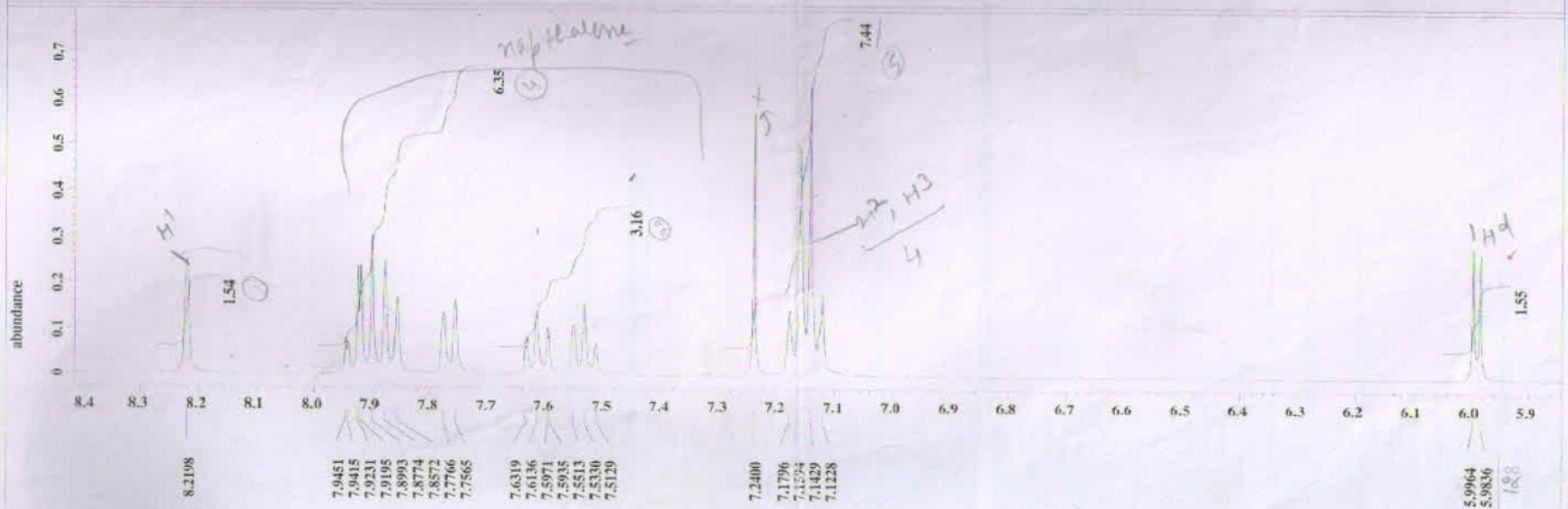


M. Saini
5/9/2011

SD-5 1a



X : parts per Million : 1H



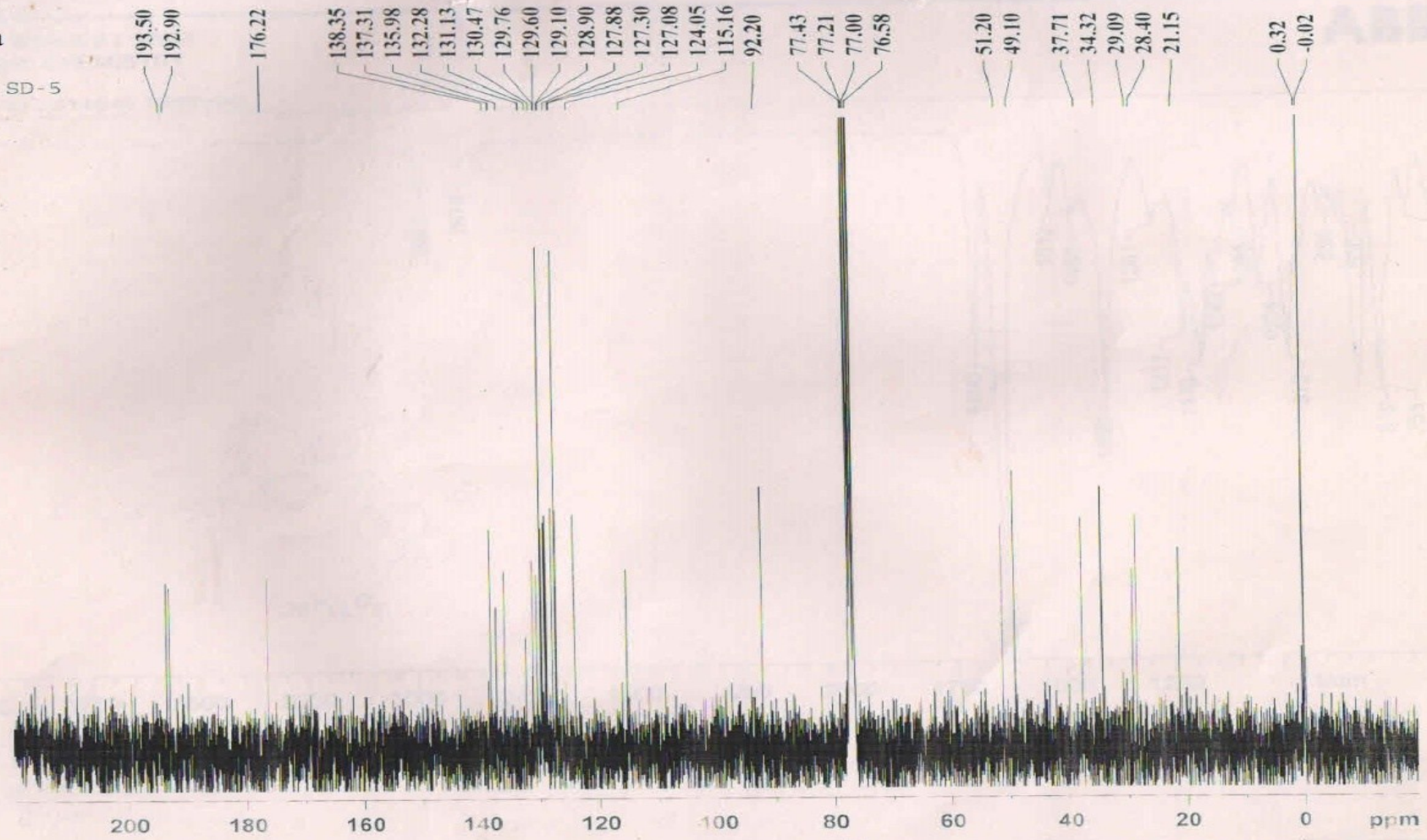
X : parts per Million : 1H

0.0046
4.00
184.00

1632
1596
3722
2
1.611

1a

SD-5



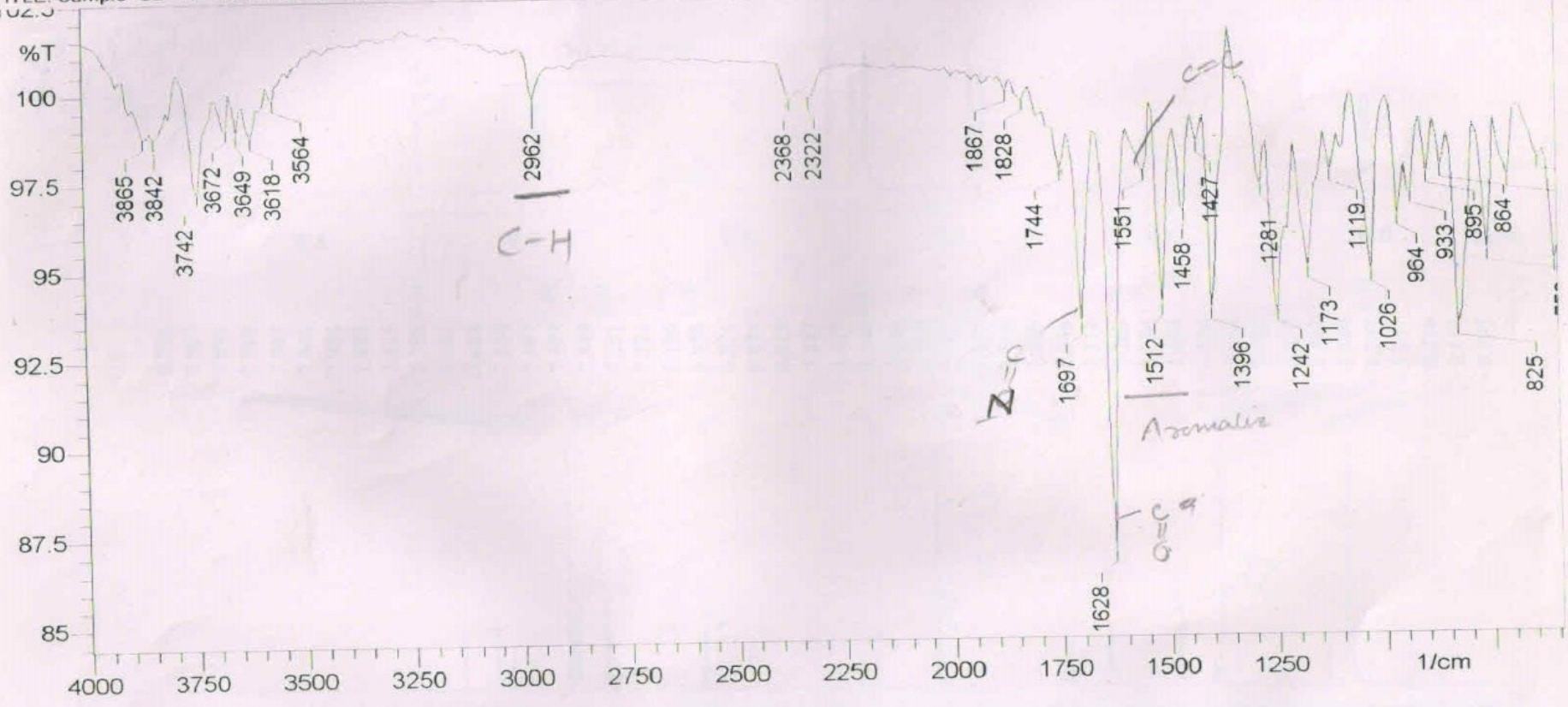
1b

10:11.24 AM 1/17/2012

Operator: <Manjeet Saini>
Department: <Chemistry>



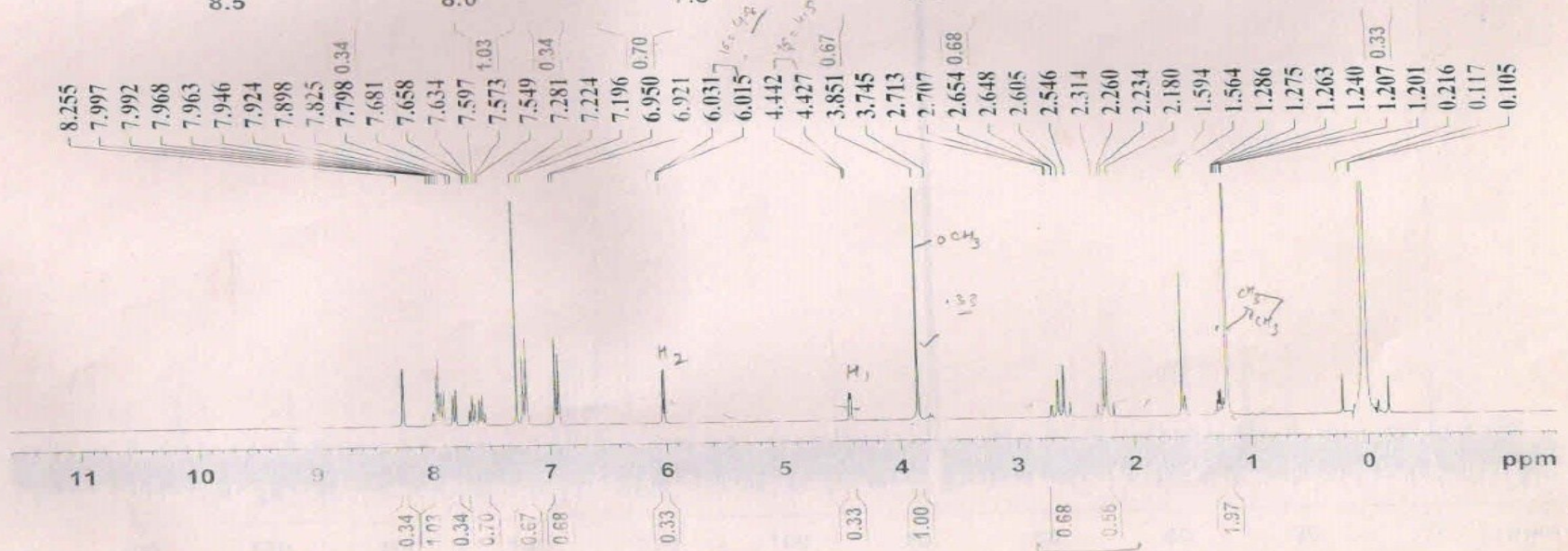
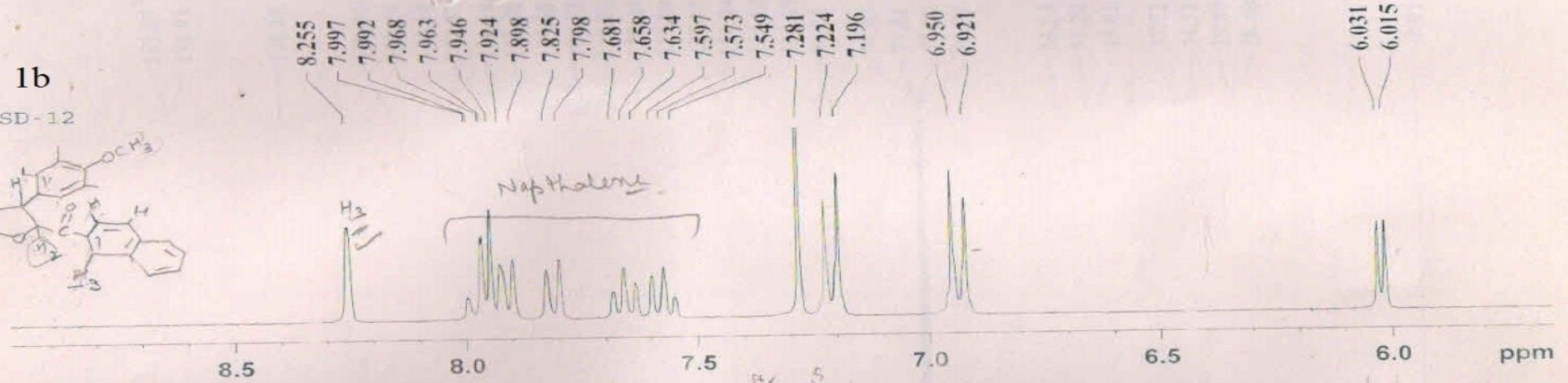
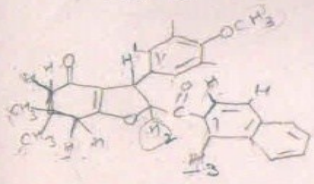
TITLE: Sample -SD -12 =S2012-01-17 10h09m18s



Manjeet Saini
17/1/2012

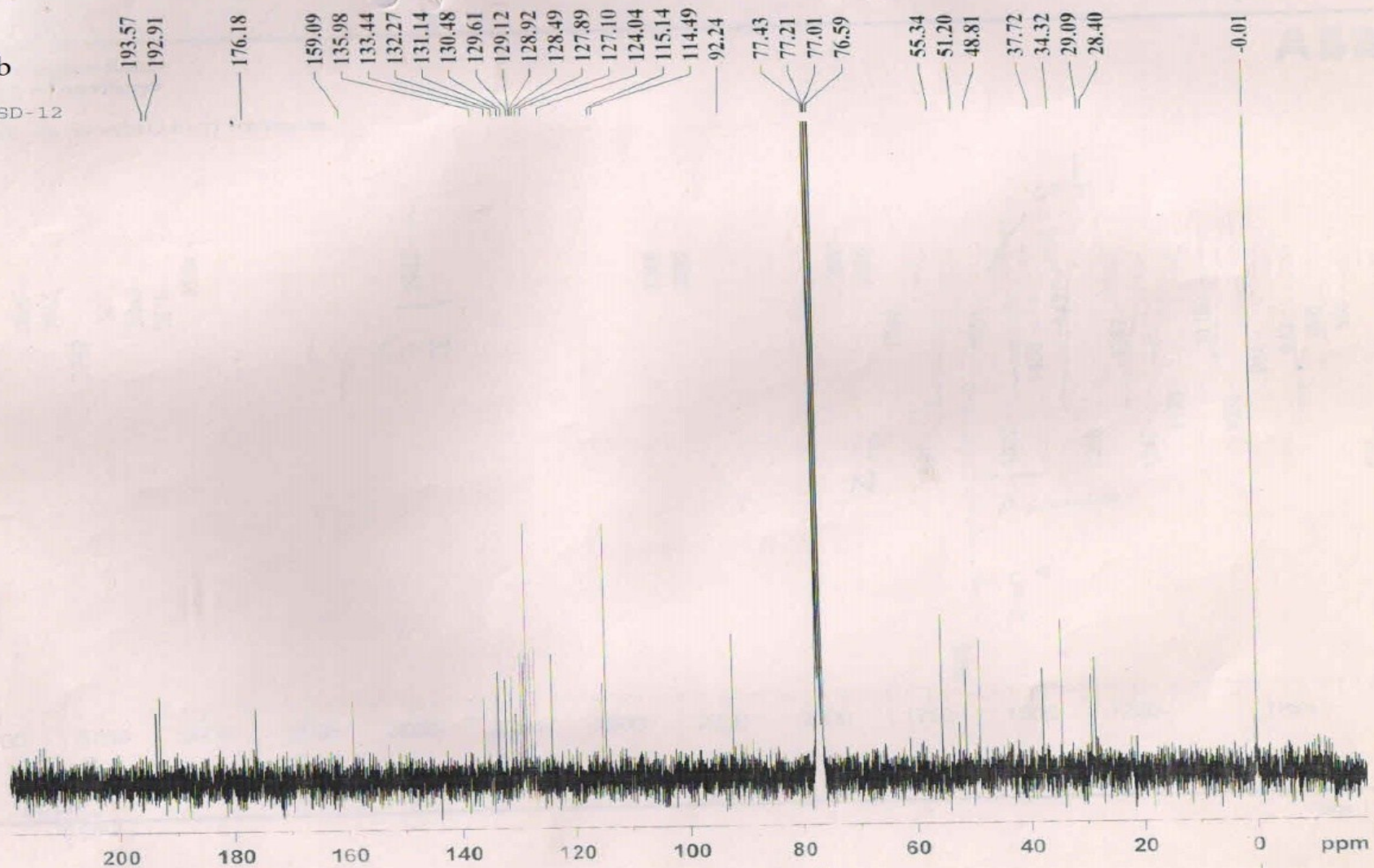
1b

SD-12



1b

SD-12



Ic

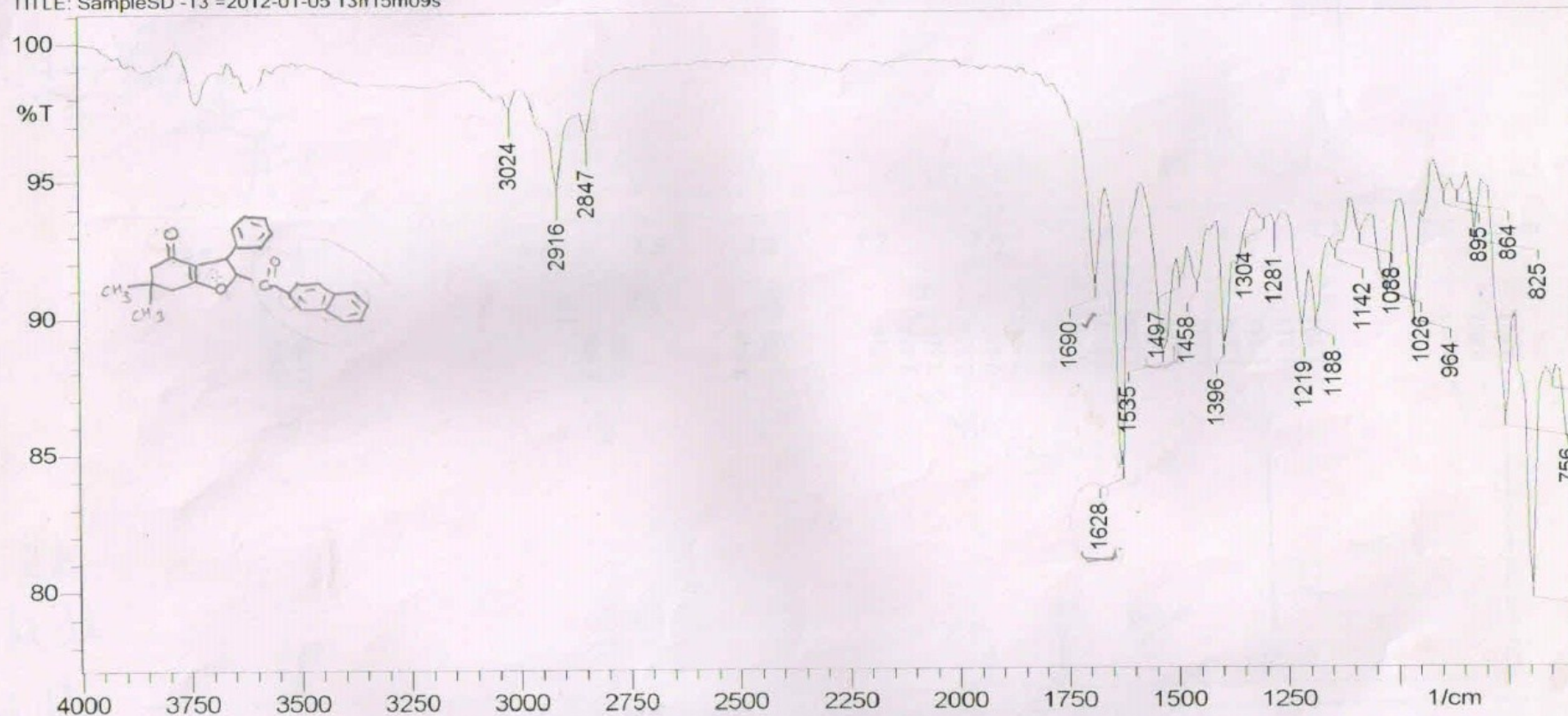
l. Bromo acetyl nap + amiline

1:16:03 PM 1/5/2012

Operator: <Manjeet Saini>
Department: <Chemistry>

ABB

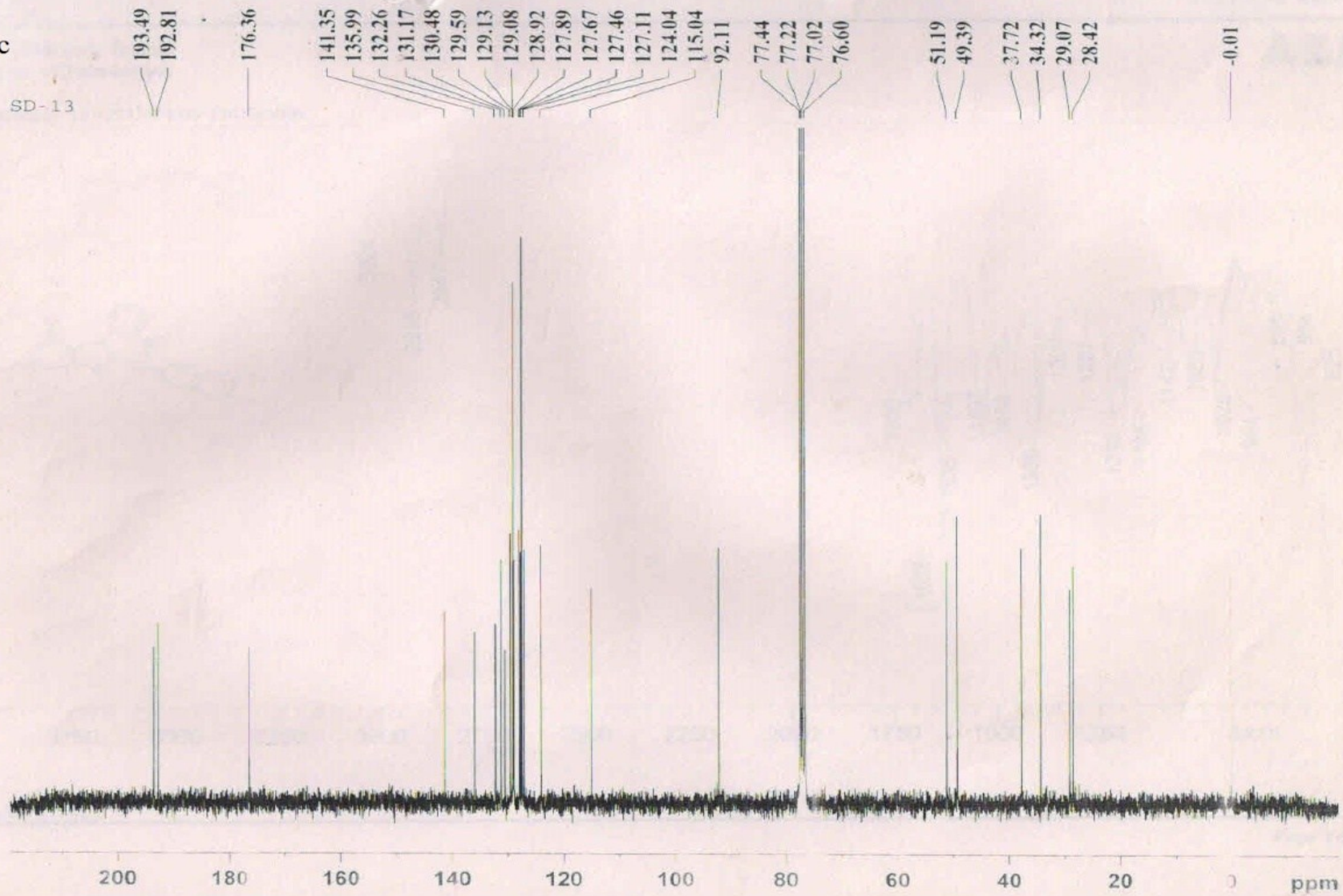
TITLE: SampleSD -13 =2012-01-05 13h15m09s



Manjeet Saini
5/1/2012

1c

SD-13



1d

SD-14

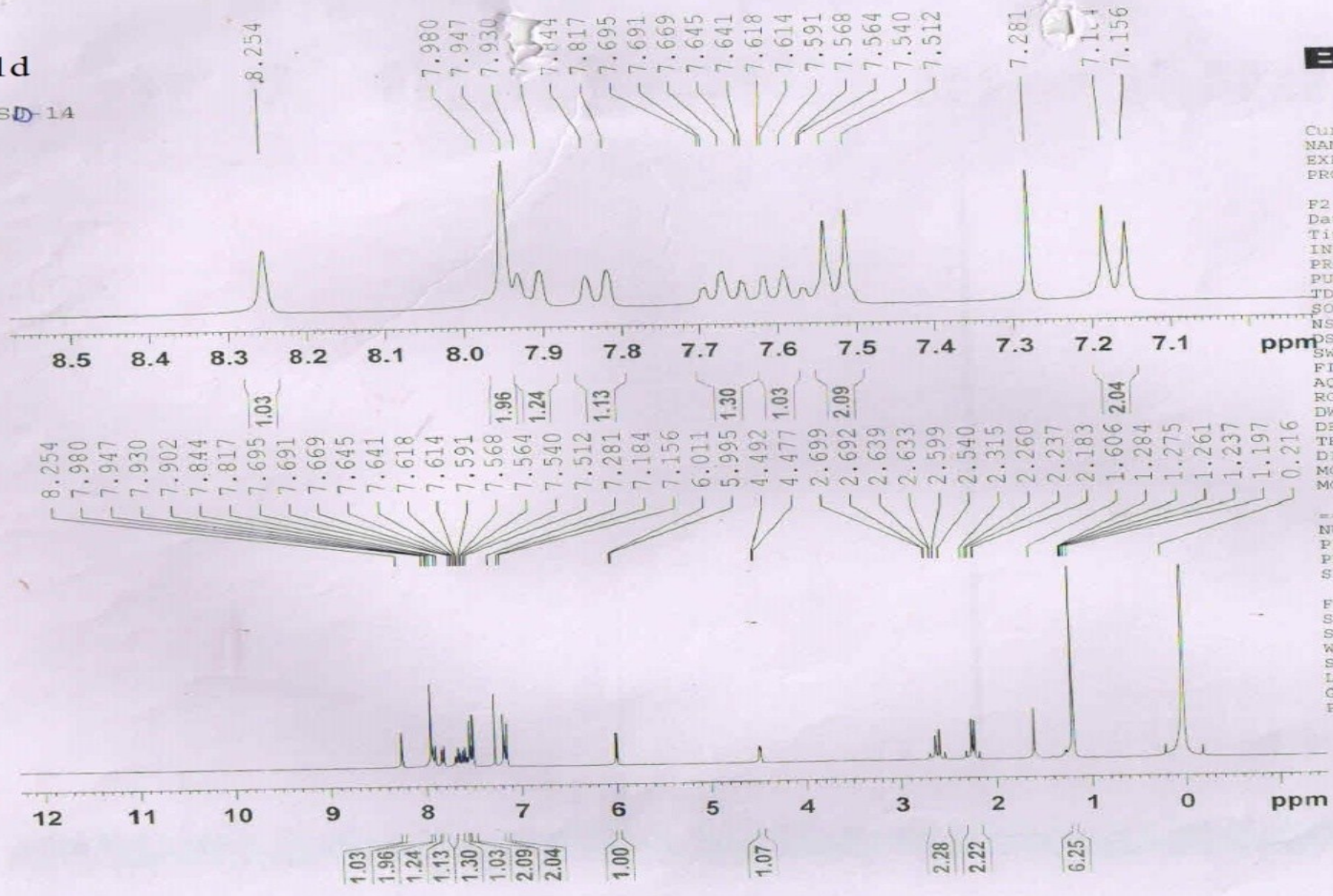


Current Data Parameters
 NAME April 4 2012
 EXPNO 9
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20120410
 Time_ 11.00
 INSTRUM spect
 PROBHD 5 mm Multinucl
 PULPROG zg30
 TD 65536
 SOLVENT CDCl3
 NS 16
 DS 2
 SWH 6172.839 Hz
 FIDRES 0.094190 Hz
 AQ 5.3084660 sec
 RG 362
 DM
 DE 81.000 usec
 TE 6.00 usec
 T1 0.0 K
 D1 1.00000000 sec
 MCREST 0.00000000 sec
 MCWRK 0.01500000 sec

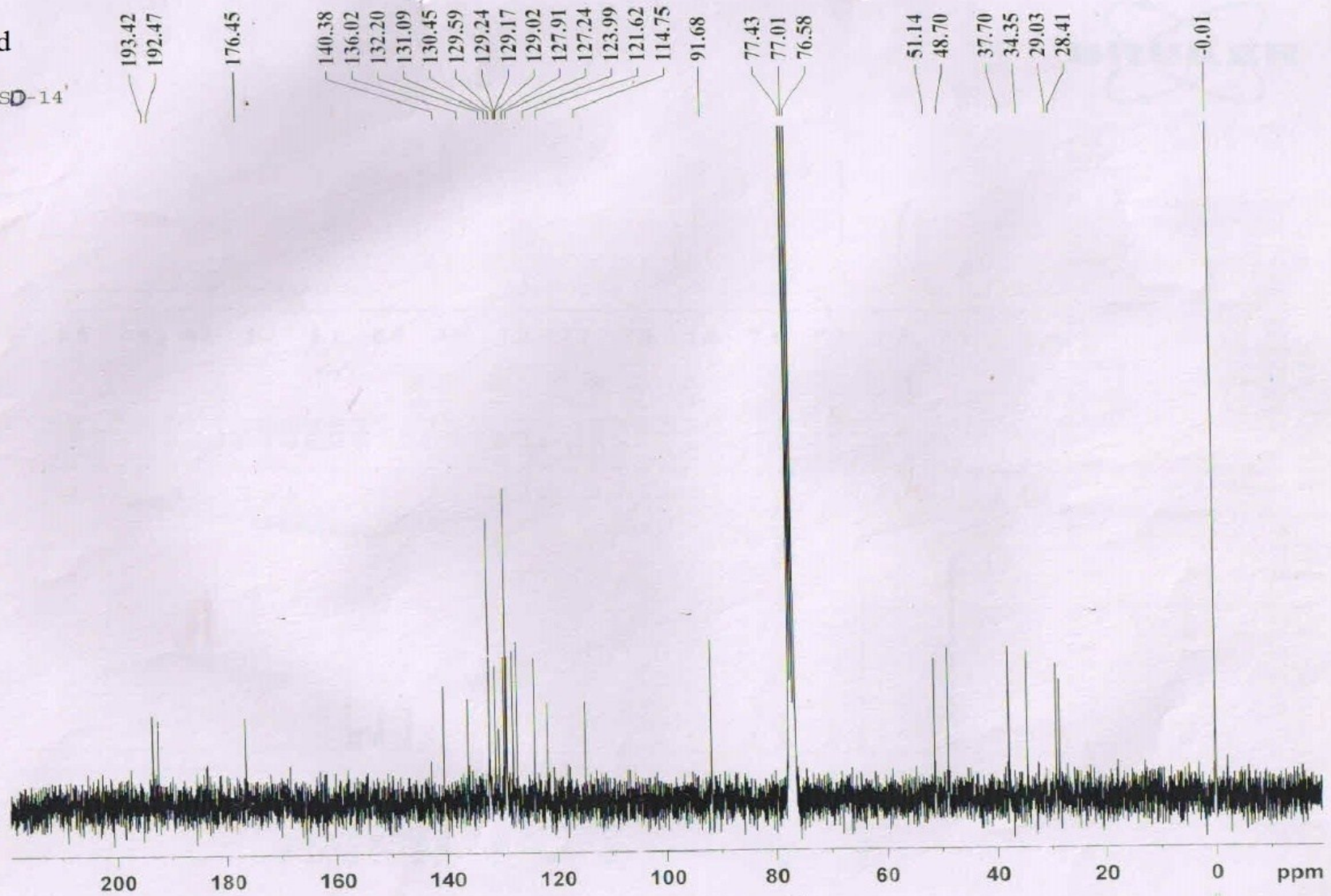
----- CHANNEL f1 -----
 NUC1 1H
 P1 7.25 usec
 PL1 0.00 dB
 SFO1 300.1318534 MHz

F2 - Processing parameters
 SI 32768
 SF 300.1300000 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00



1d

SD-14



le

9:59:58 AM 1/17/2012

Operator: <Manjeet Saini>
Department: <Chemistry>

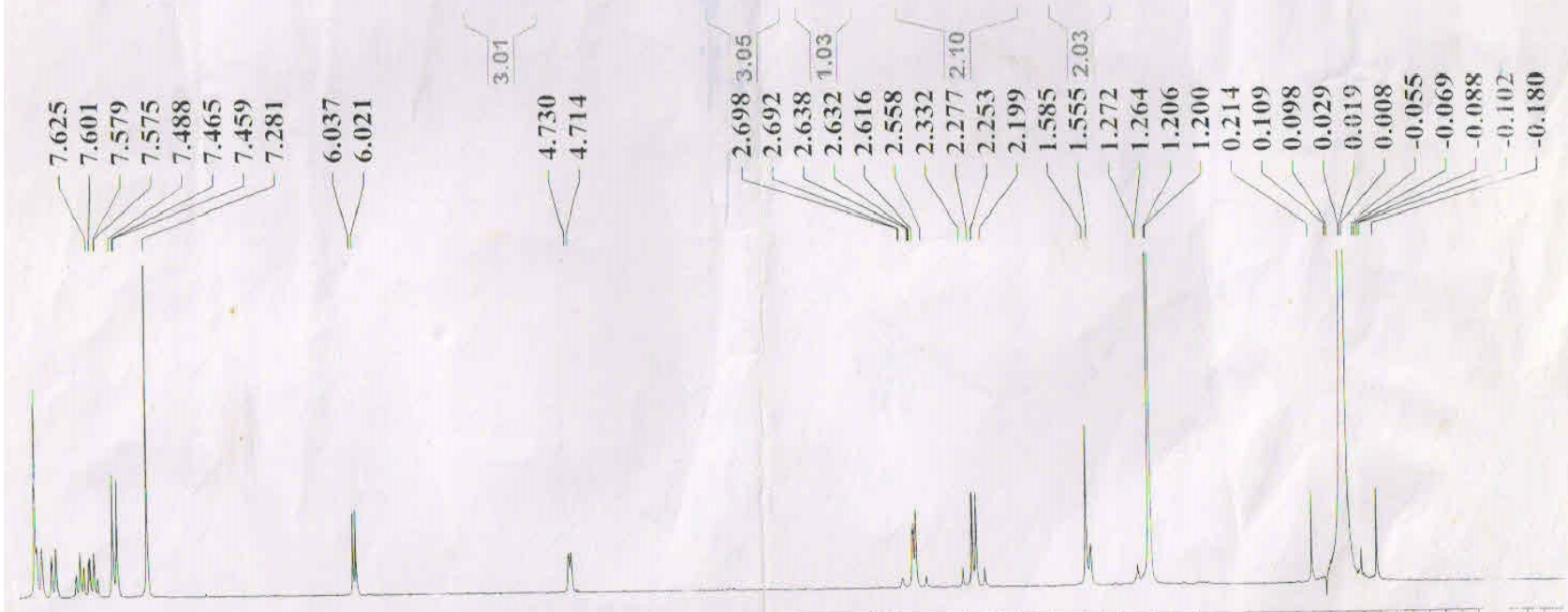
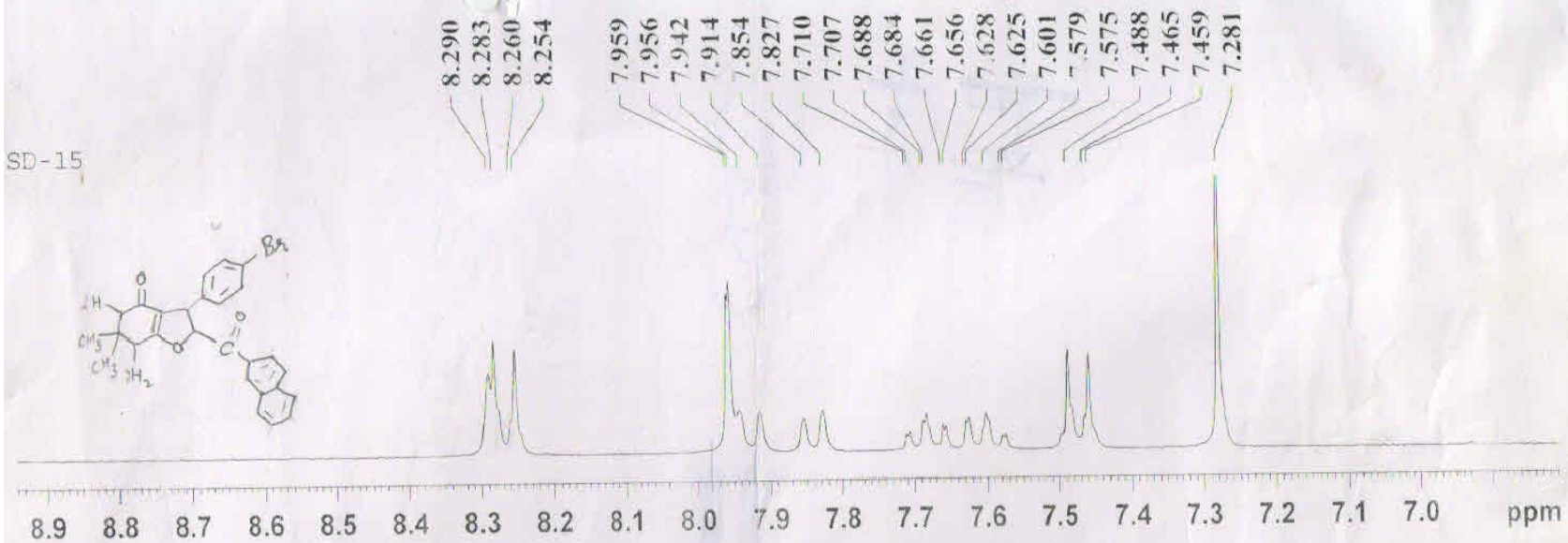
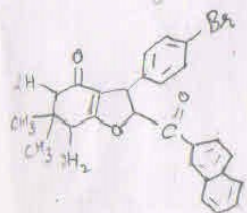
ABB

TITLE: SampleSD -15 =2012-01-17 09h58m26s



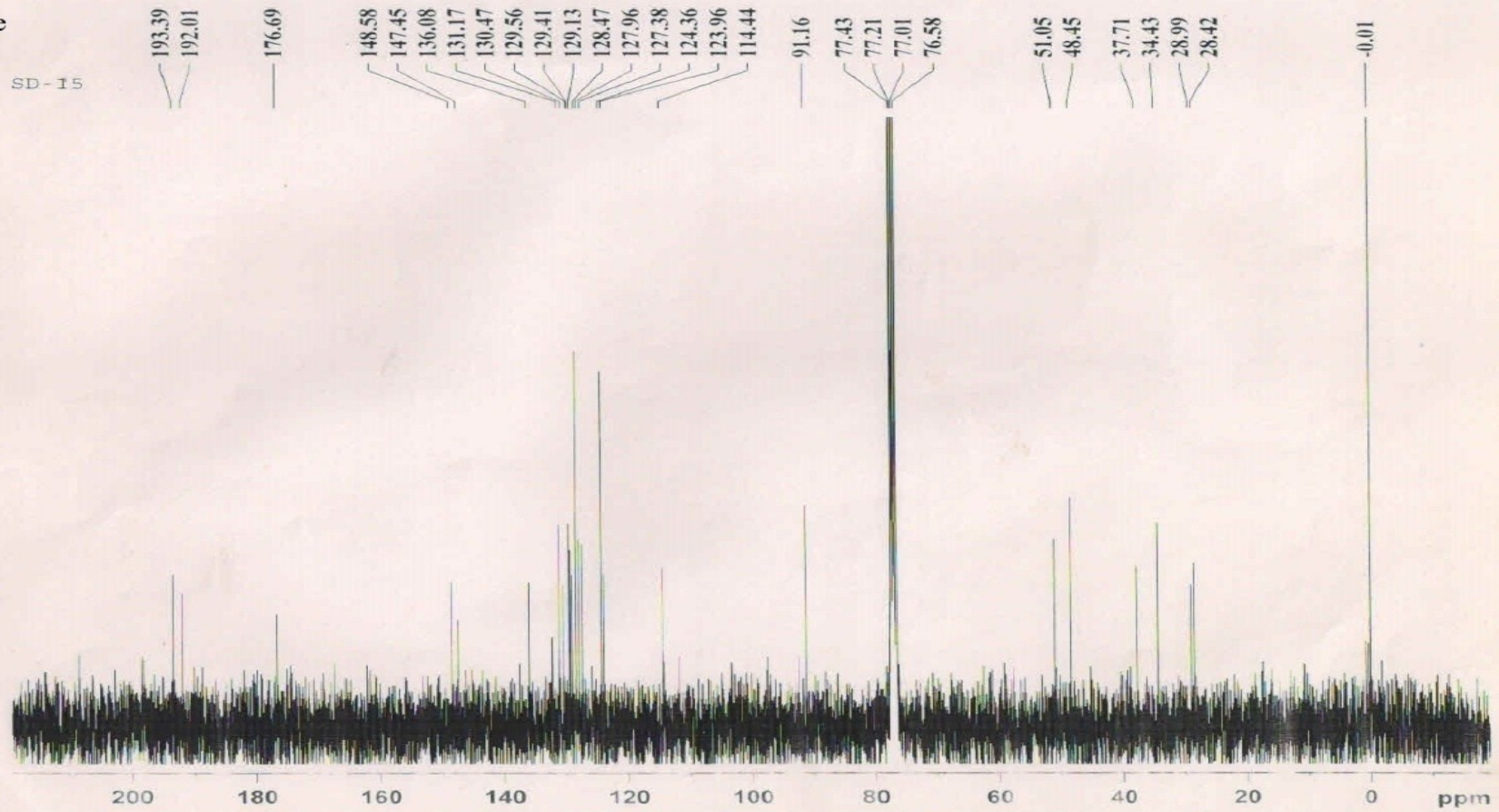
Handwritten signature and date:
M. Saini
17/1/12

SD-15



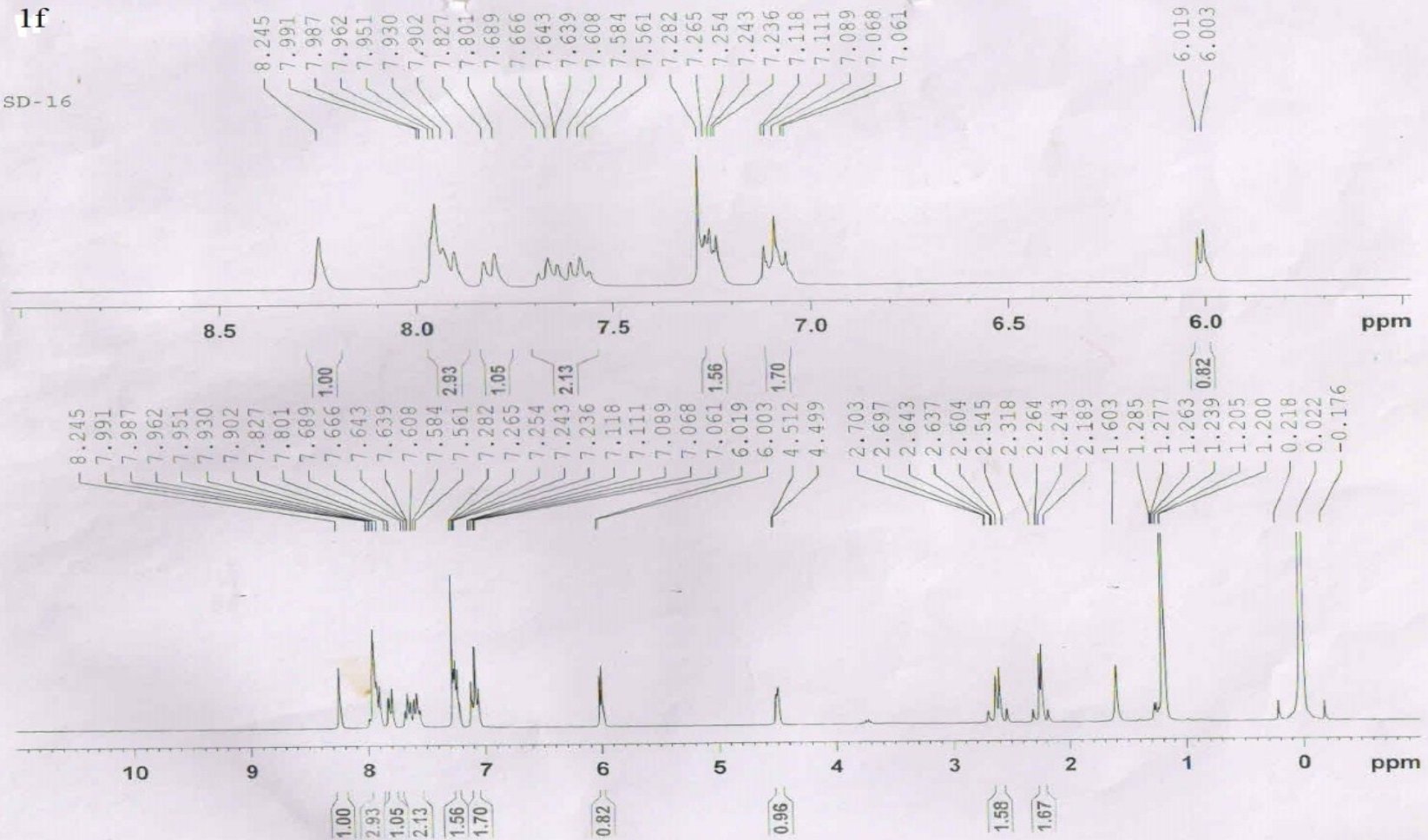
1e

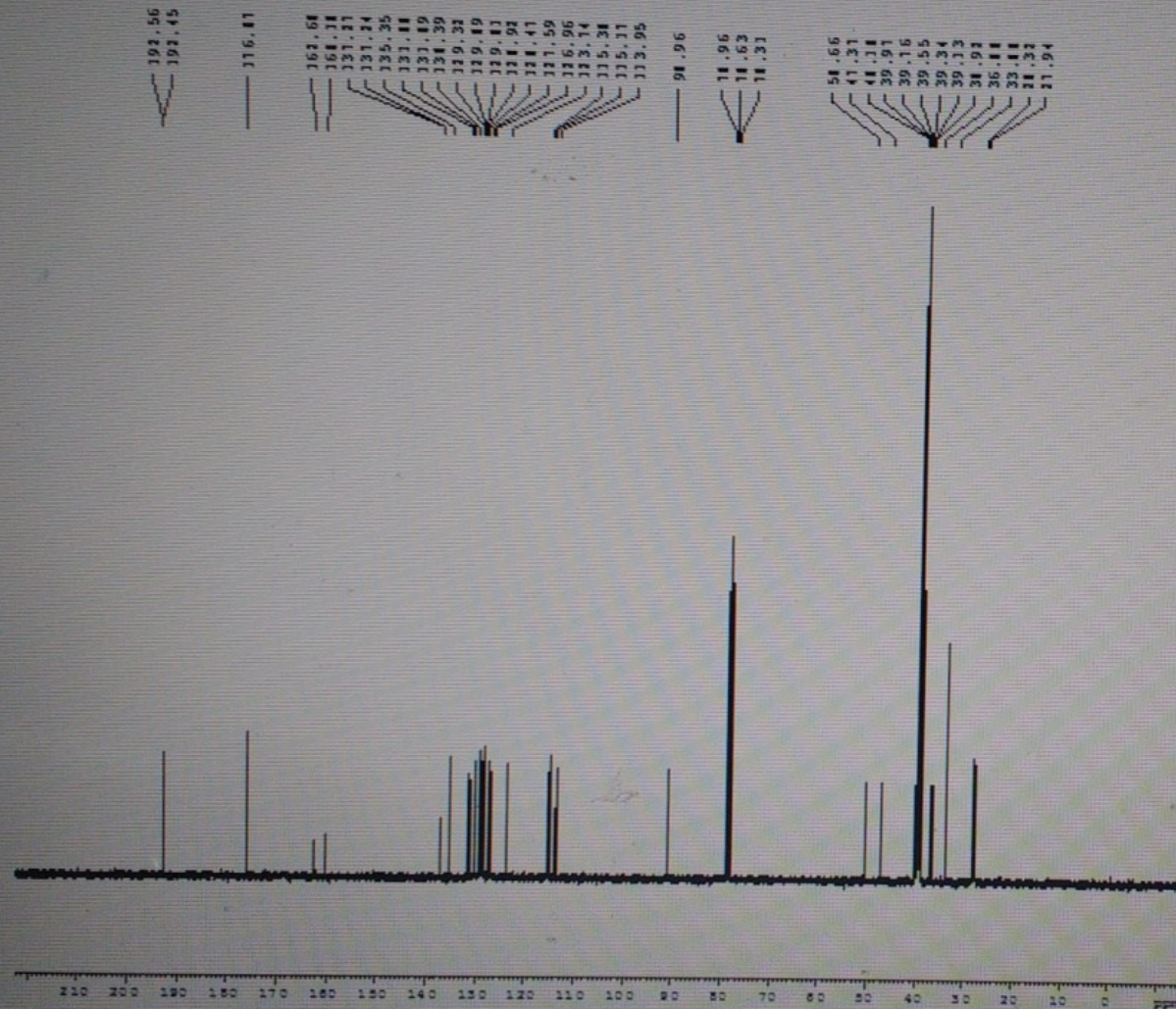
SD-15



lf

SD-16





BRUKER
 AVANCE II 400 NMR
 Spectrometer
 SAIF
 Panjab University
 Chandigarh

Current Data Parameters
 NAME Dec10-2015
 EXPNO 521
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20151211
 Time_ 9.30
 INSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG zgpg30
 TD 65536
 SOLVENT DMSO
 NS 512
 DS 4
 SWH 29761.904 Hz
 FIDRES 0.454131 Hz
 AQ 1.1010548 sec
 RG 1030
 DW 16.800 usec
 DE 6.00 usec
 TE 294.5 K
 D1 2.00000000 sec
 d11 0.03000000 sec
 DELTA 1.89999998 sec
 TDO 1

CHANNEL f1
 NUC1 13C
 P1 9.60 usec
 PL1 -2.00 dB
 SFO1 100.6228298 MHz

CHANNEL f2
 CPDPRG2 waltz16
 NUC2 1H
 PCPD2 80.00 usec
 PL2 -3.00 dB
 PL12 14.31 dB
 PL13 18.00 dB
 SFO2 400.1316005 MHz

F2 - Processing parameters
 SI 32768
 SF 100.6128193 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 SC 1.40

manishkumarmanu1986@gmail.com

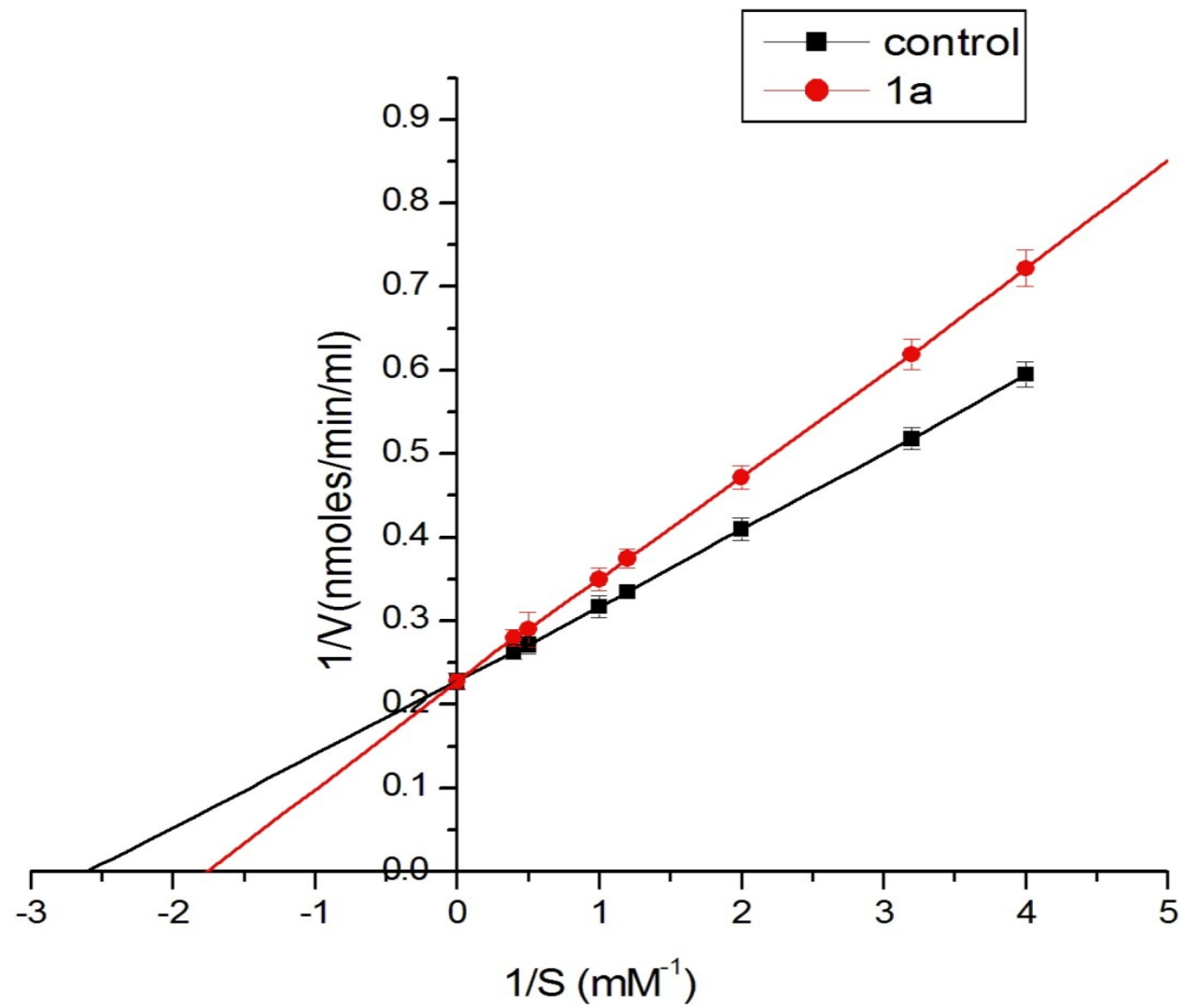


Figure B1

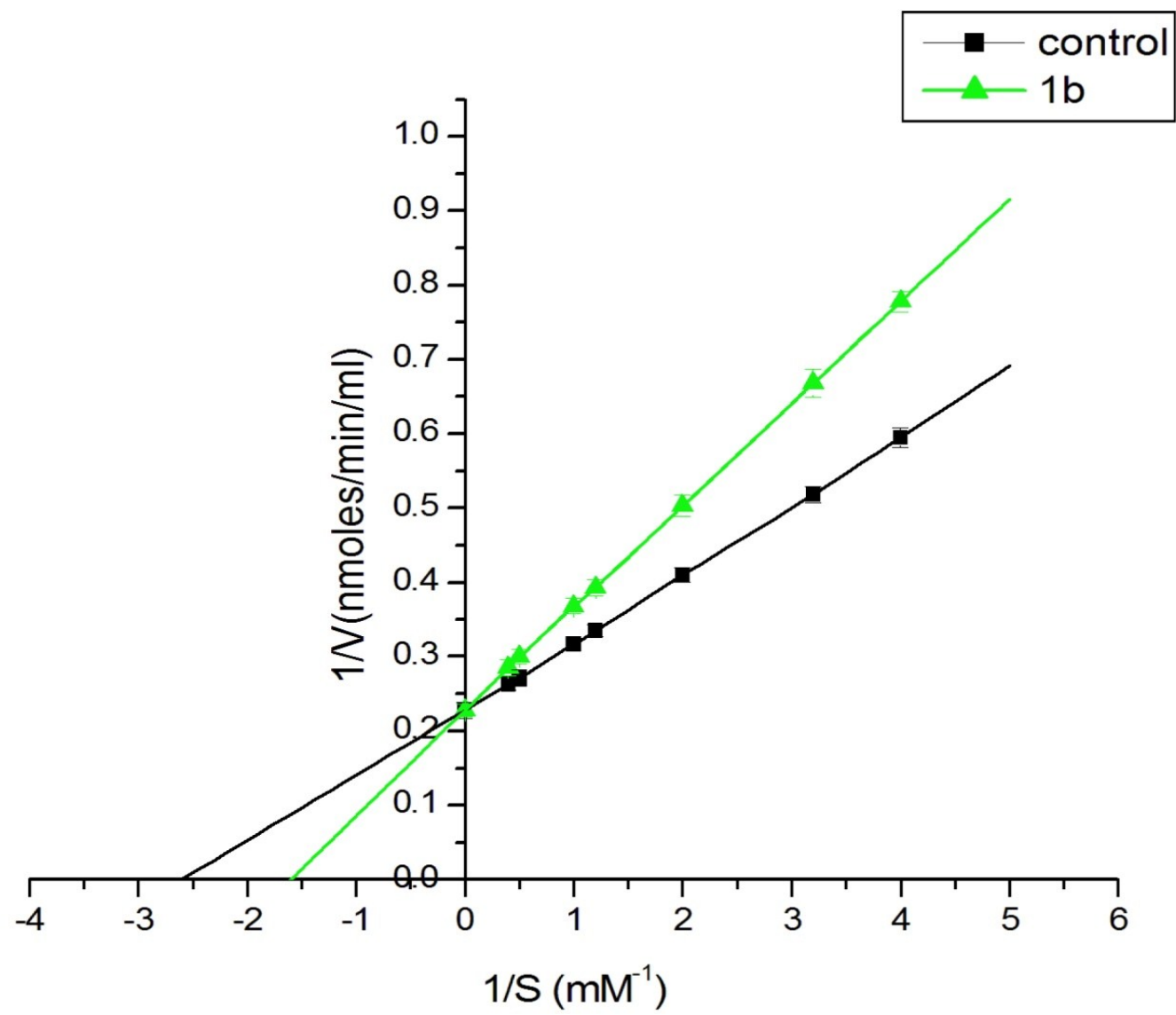


Figure B2

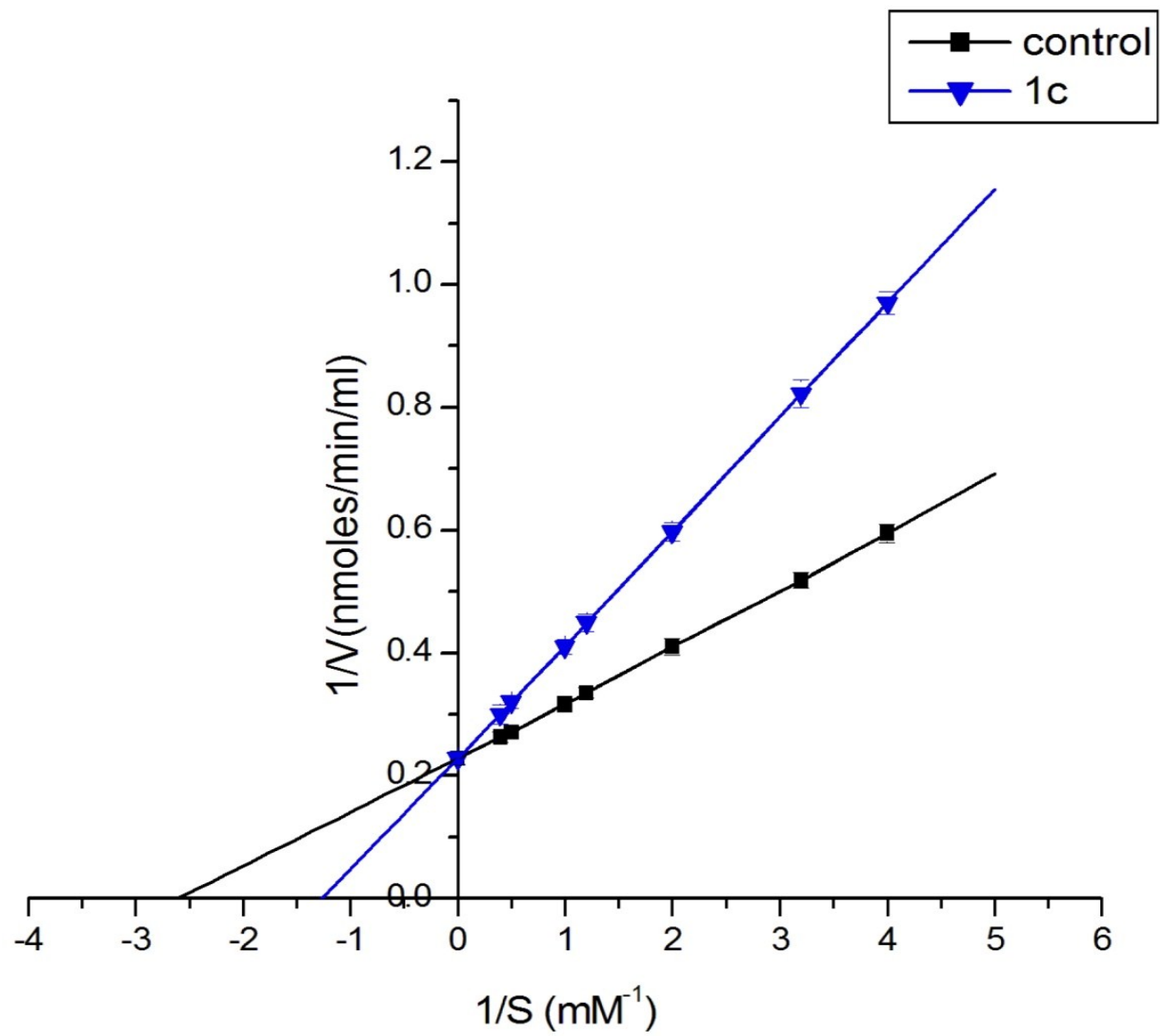


Figure B3

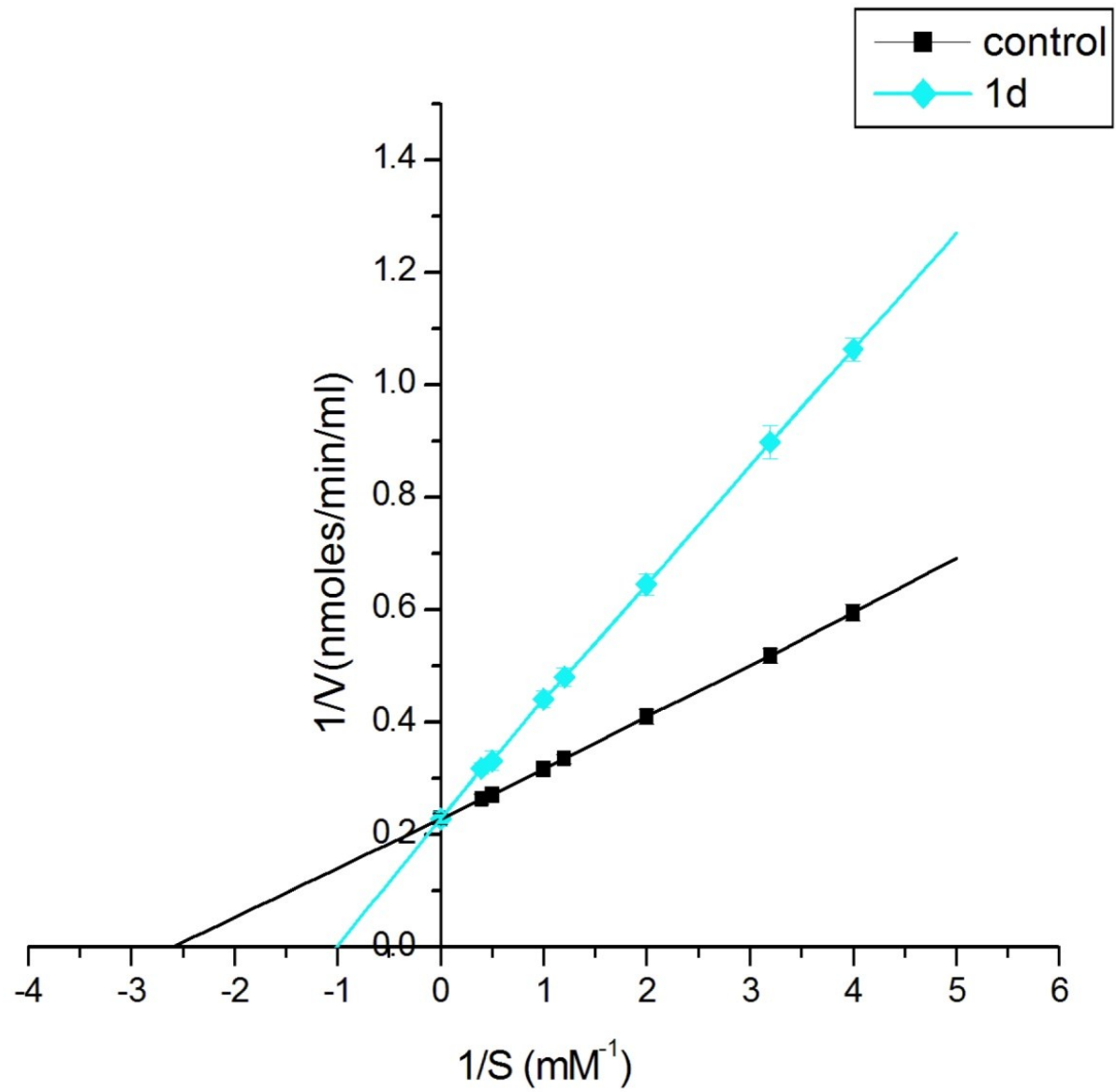


Figure B4

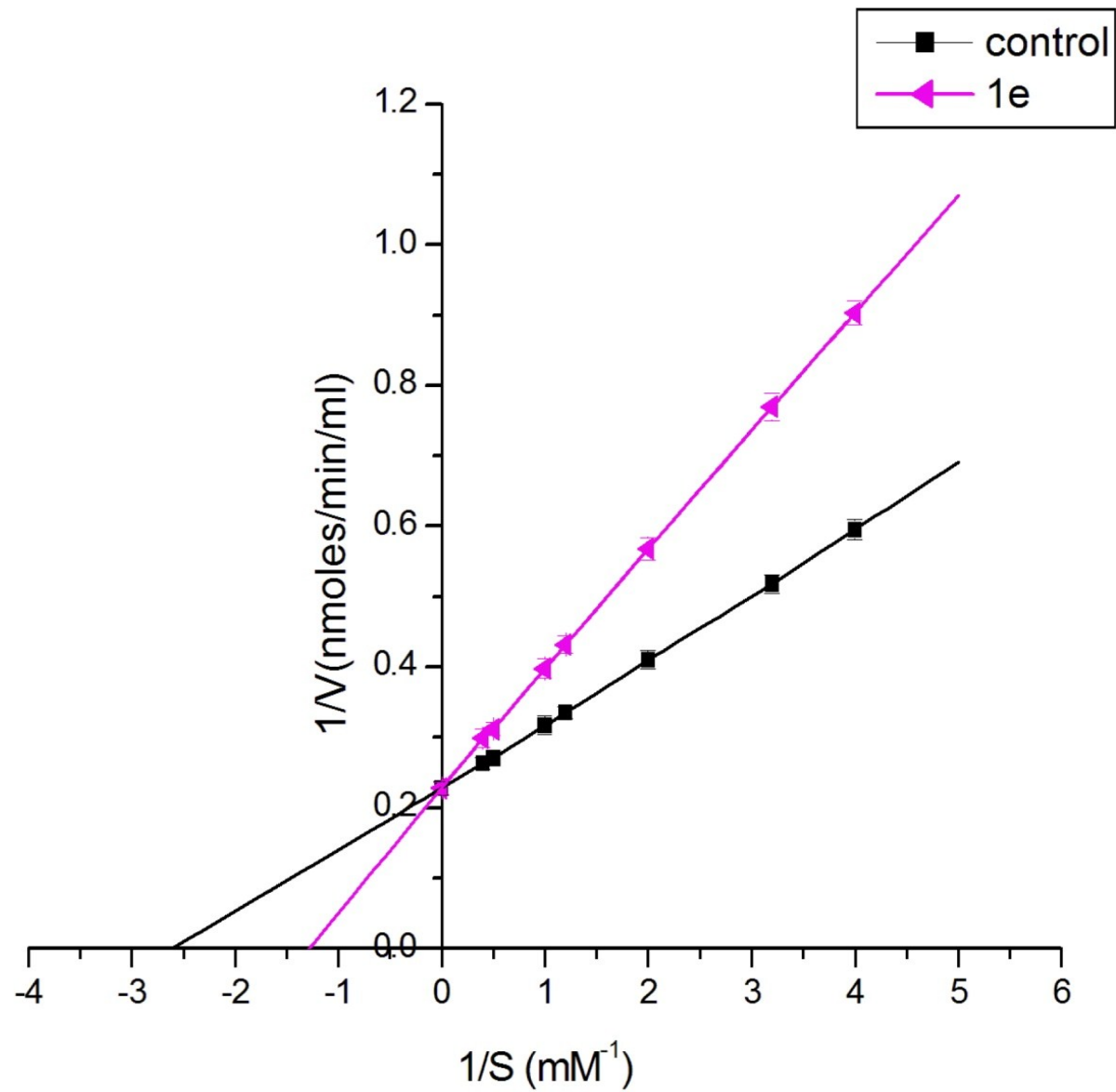


Figure B5

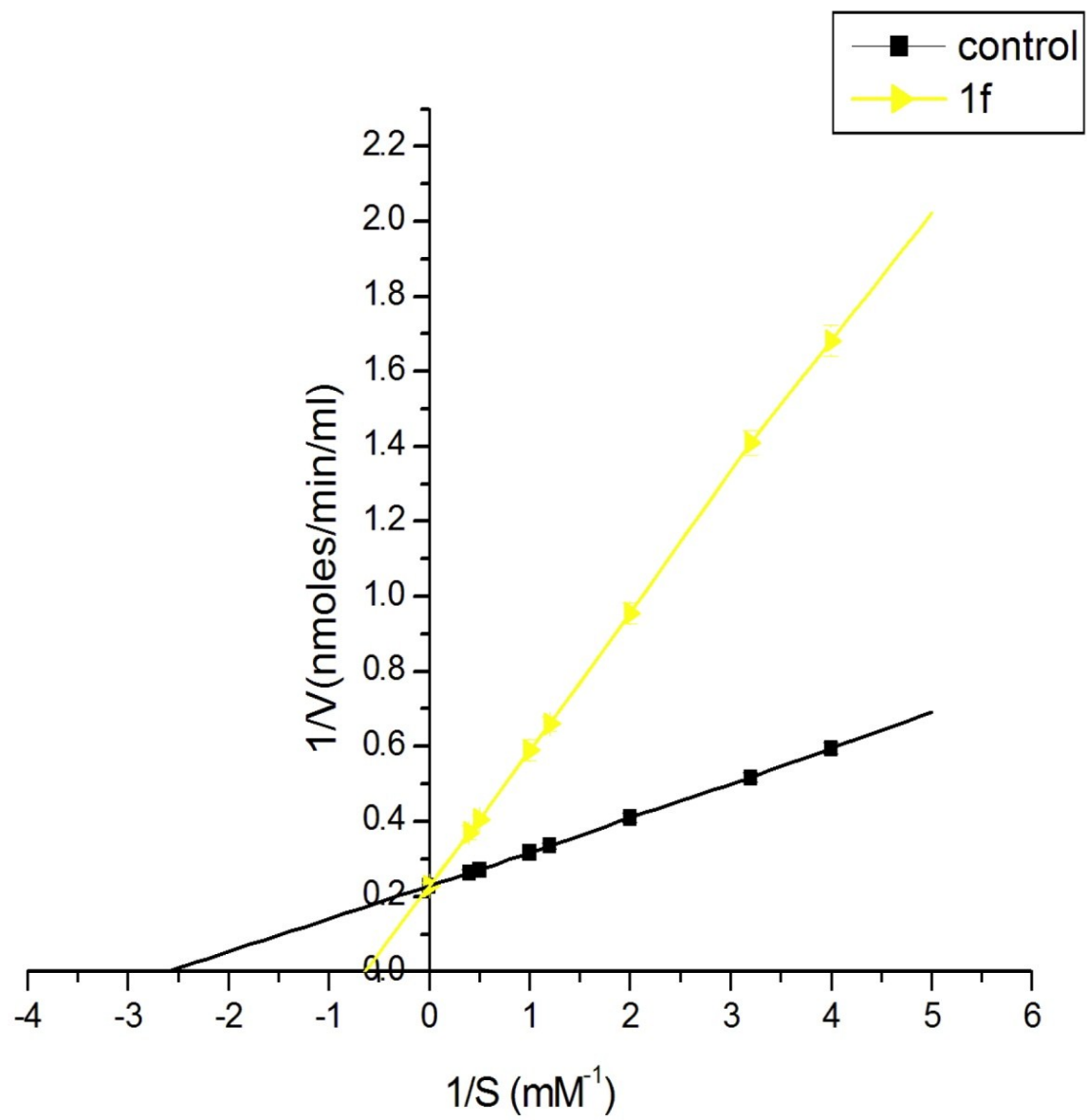


Figure B6

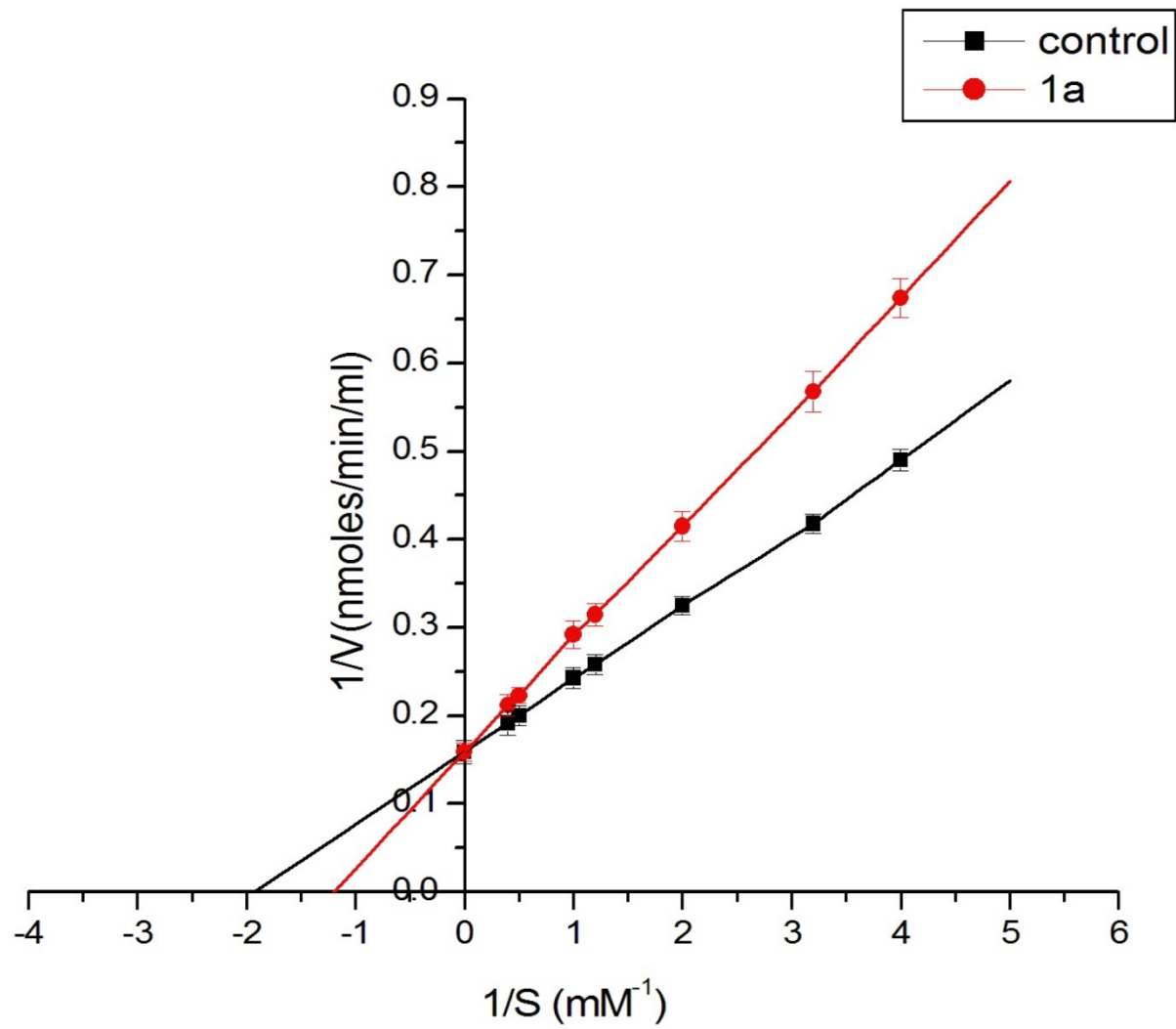


Figure H1

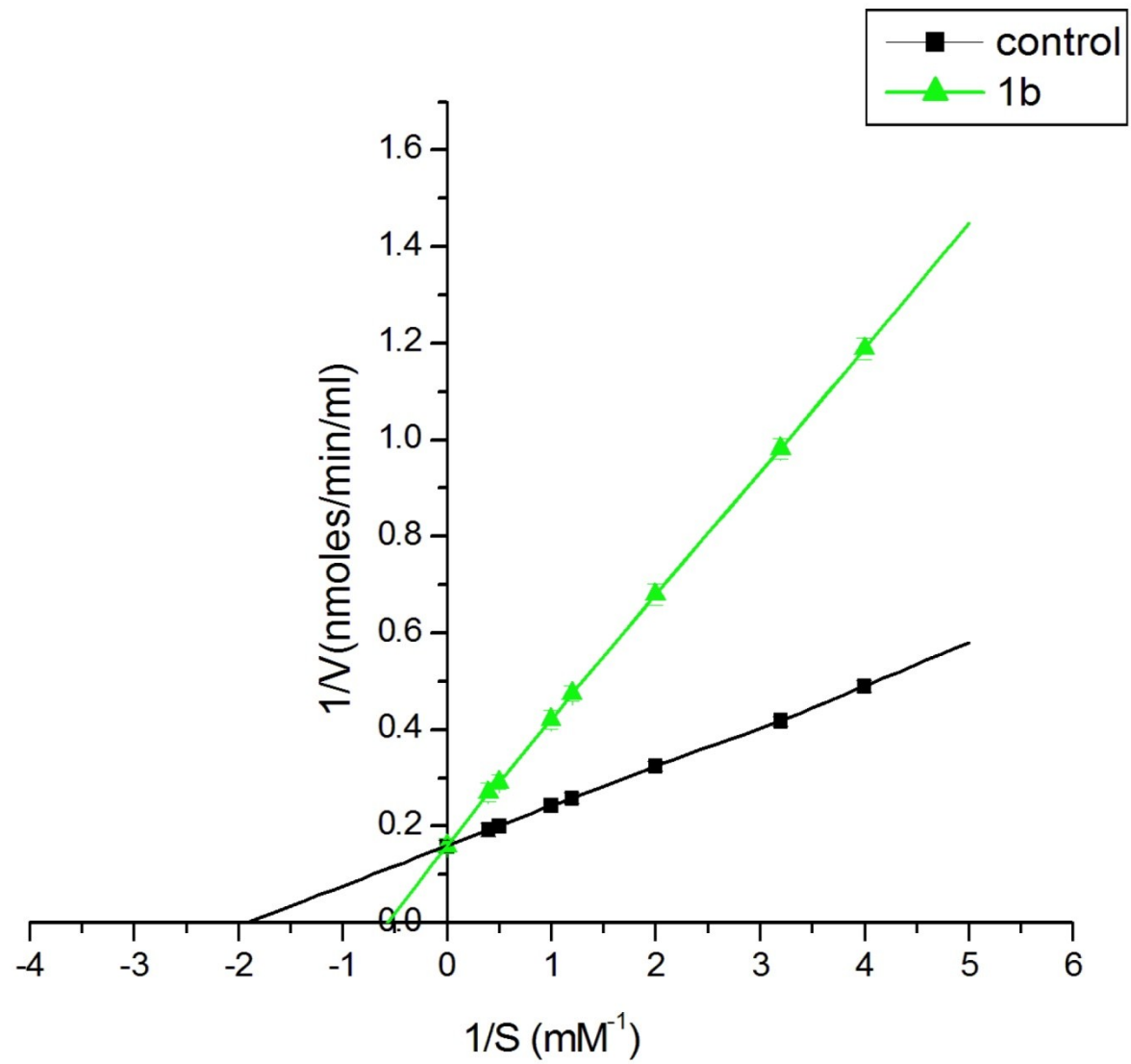


Figure H2

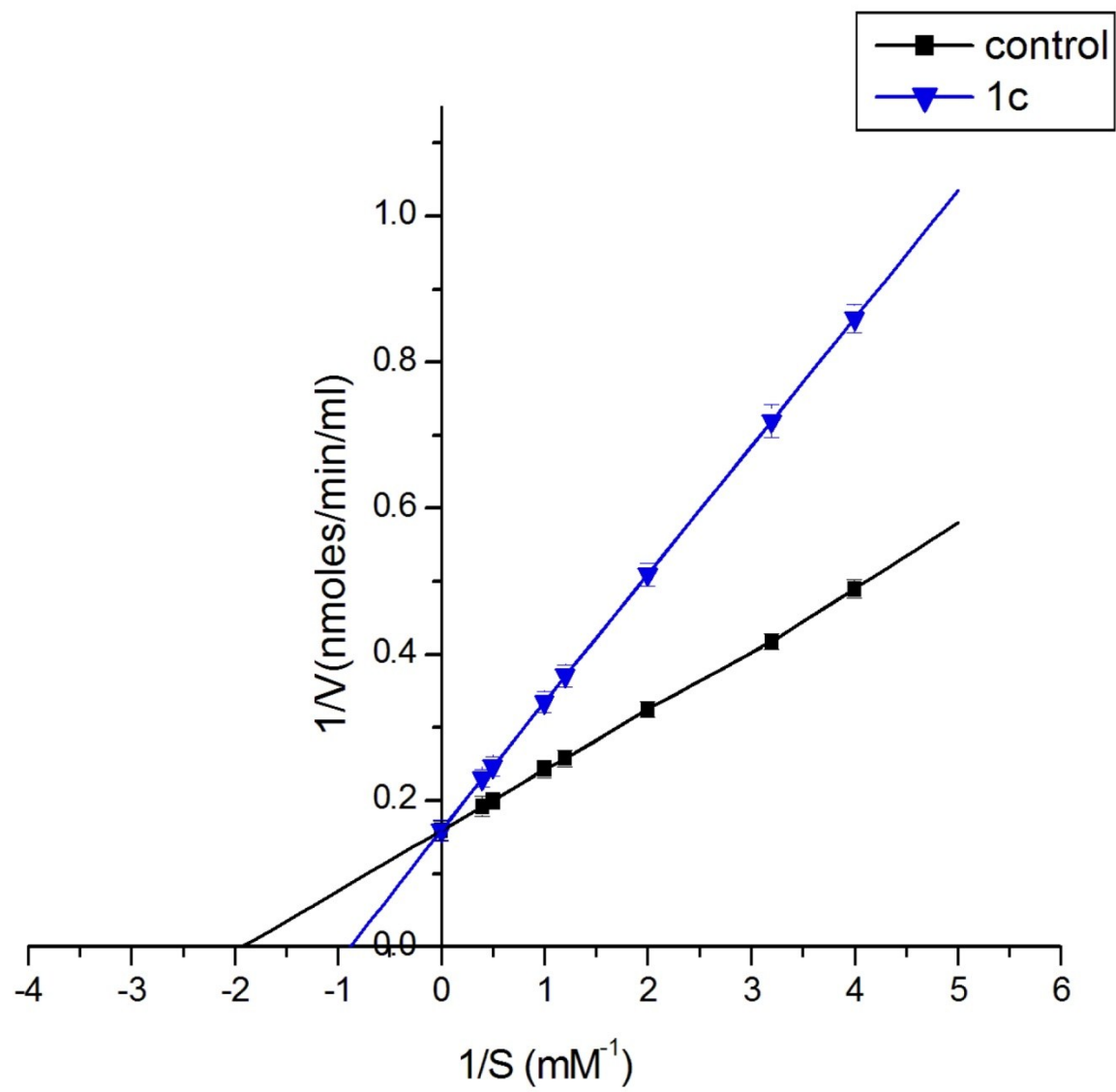


Figure H3

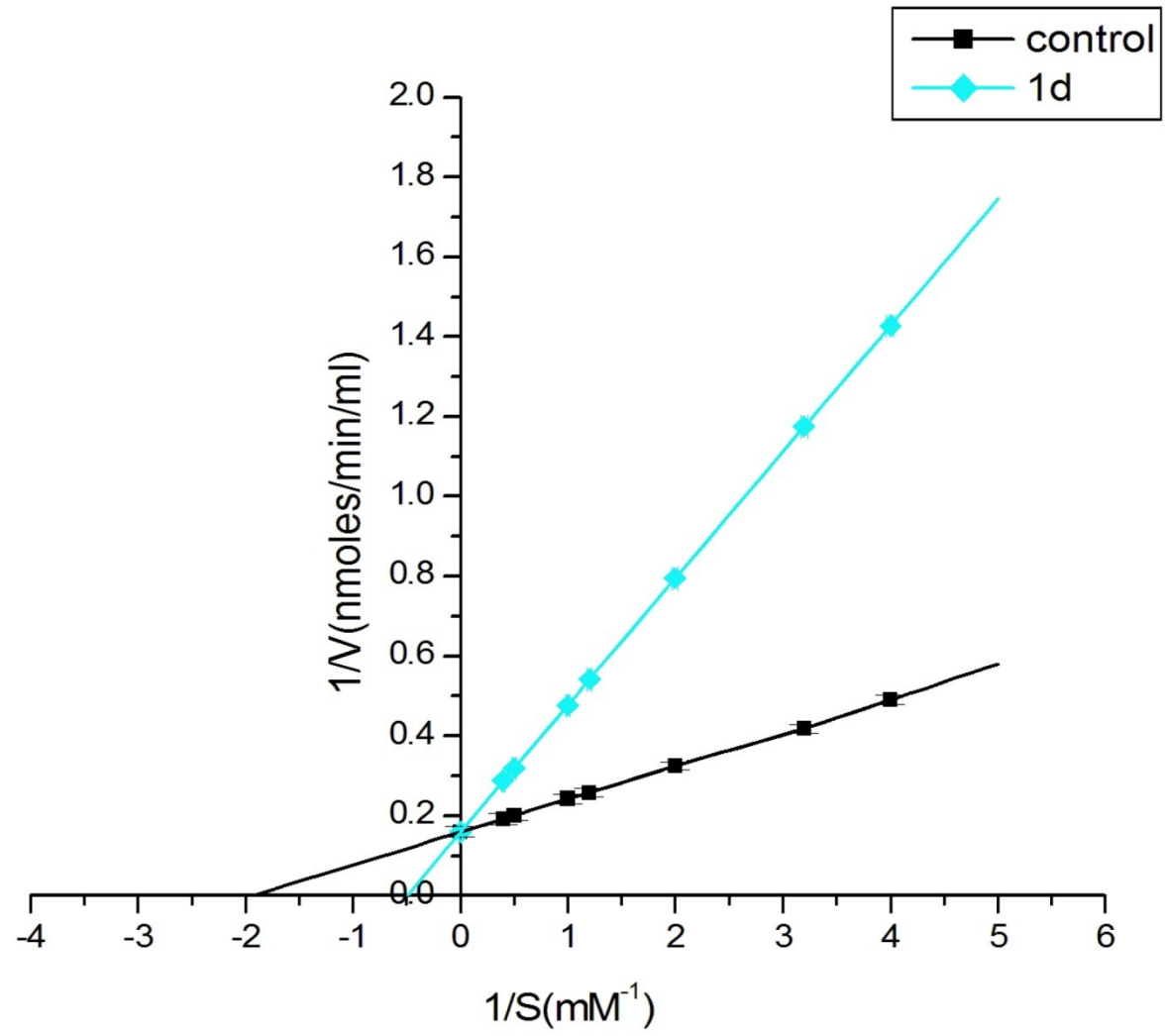


Figure H4

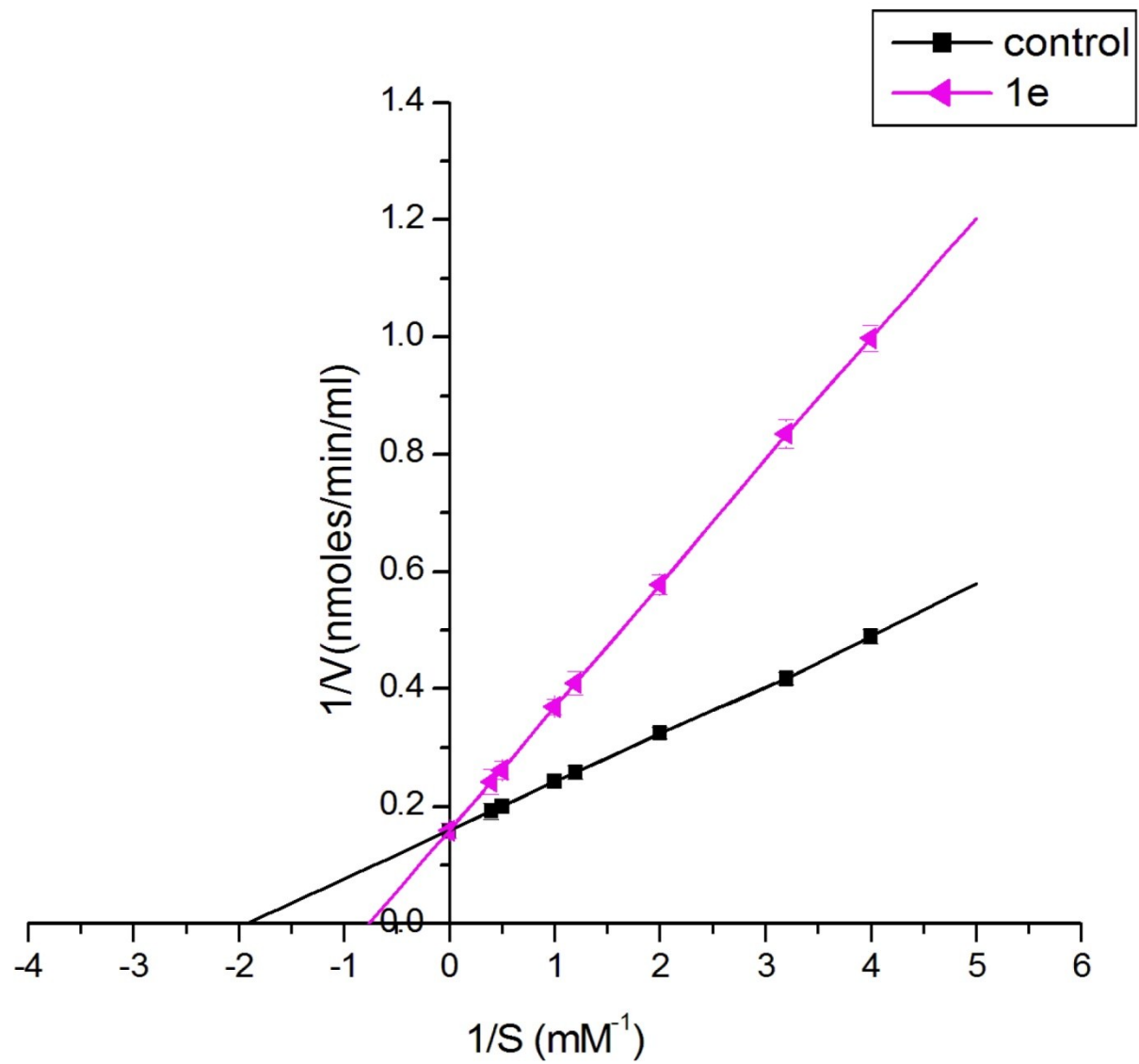


Figure H5

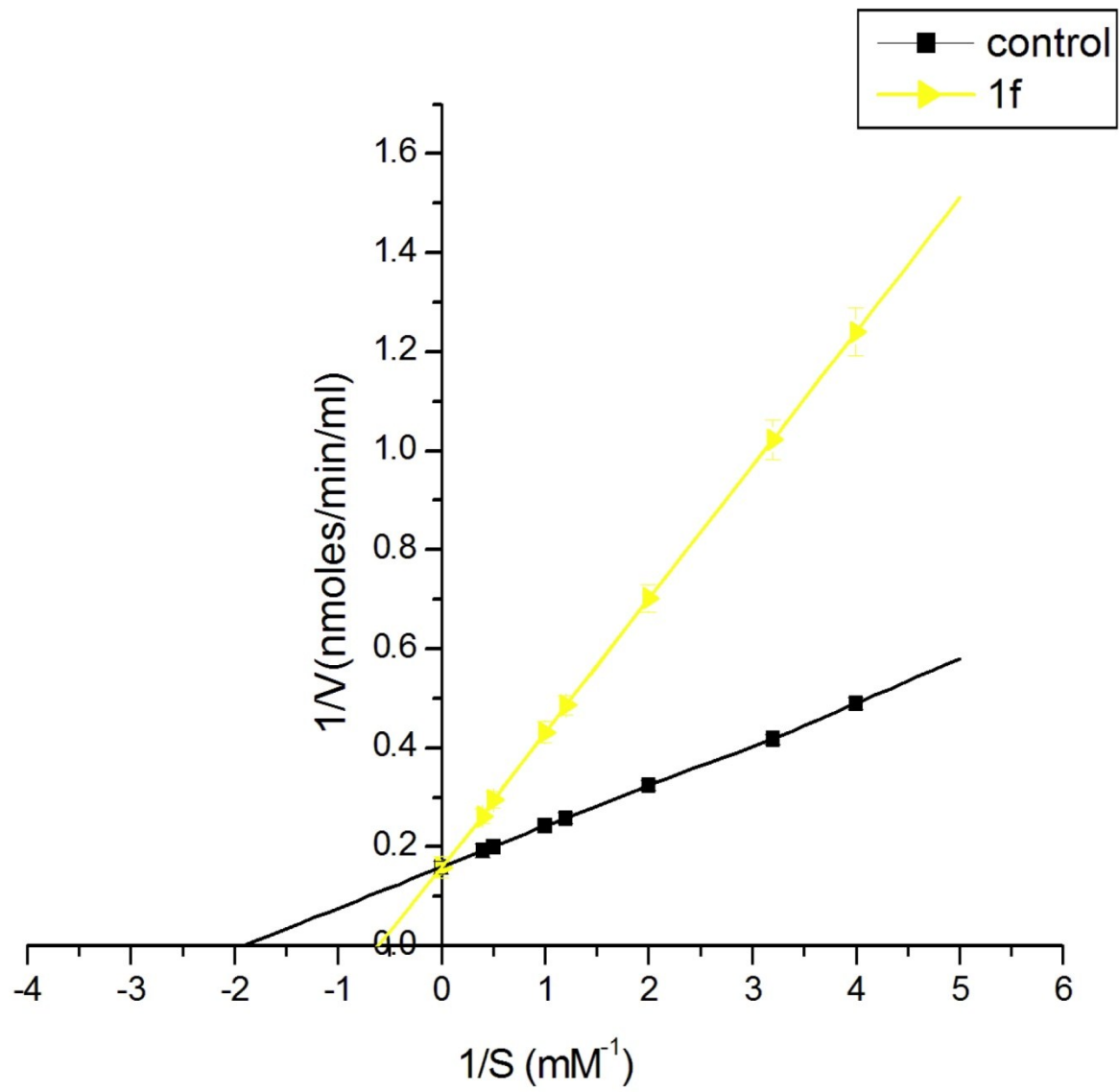


Figure H6

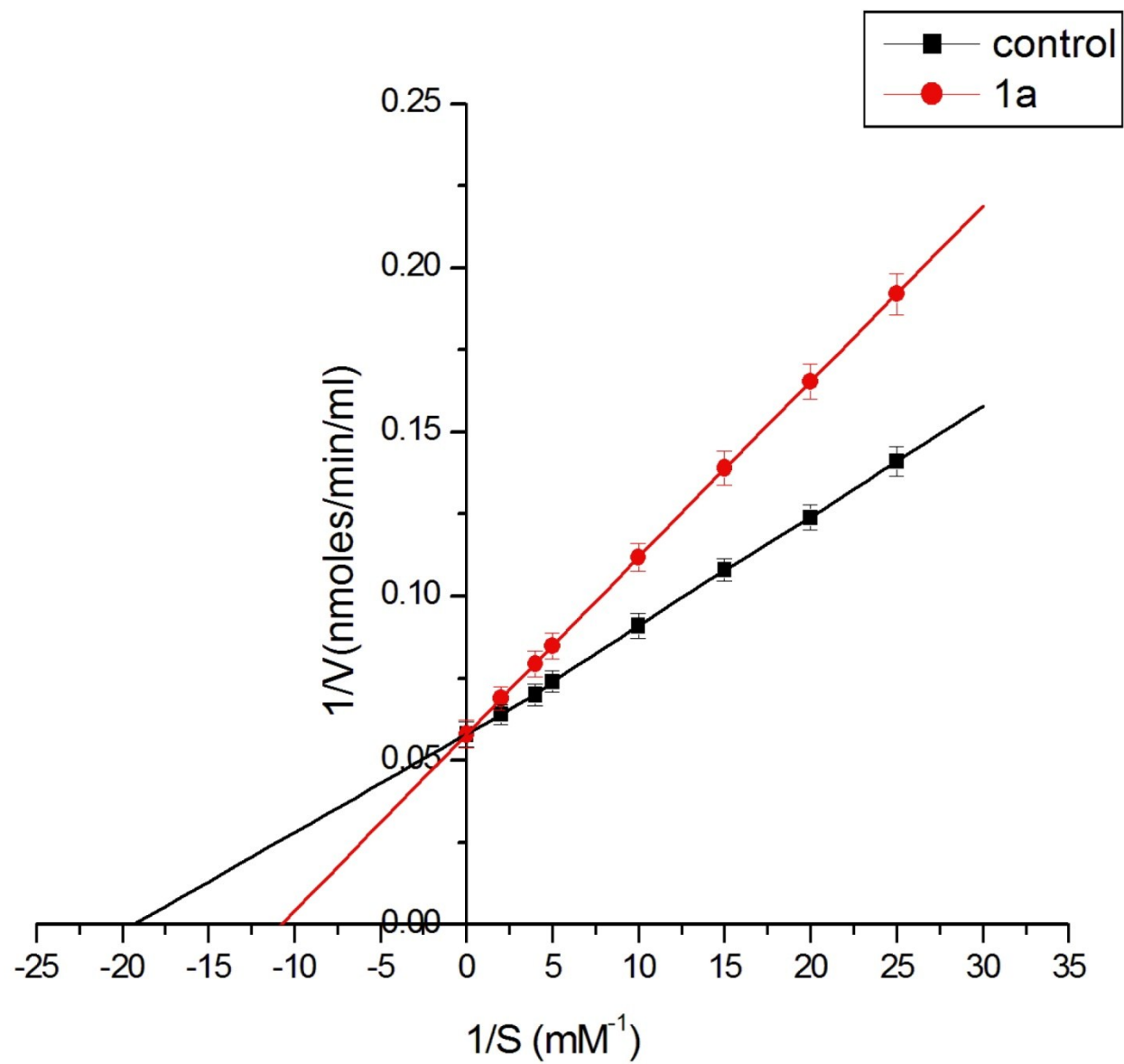


Figure L1

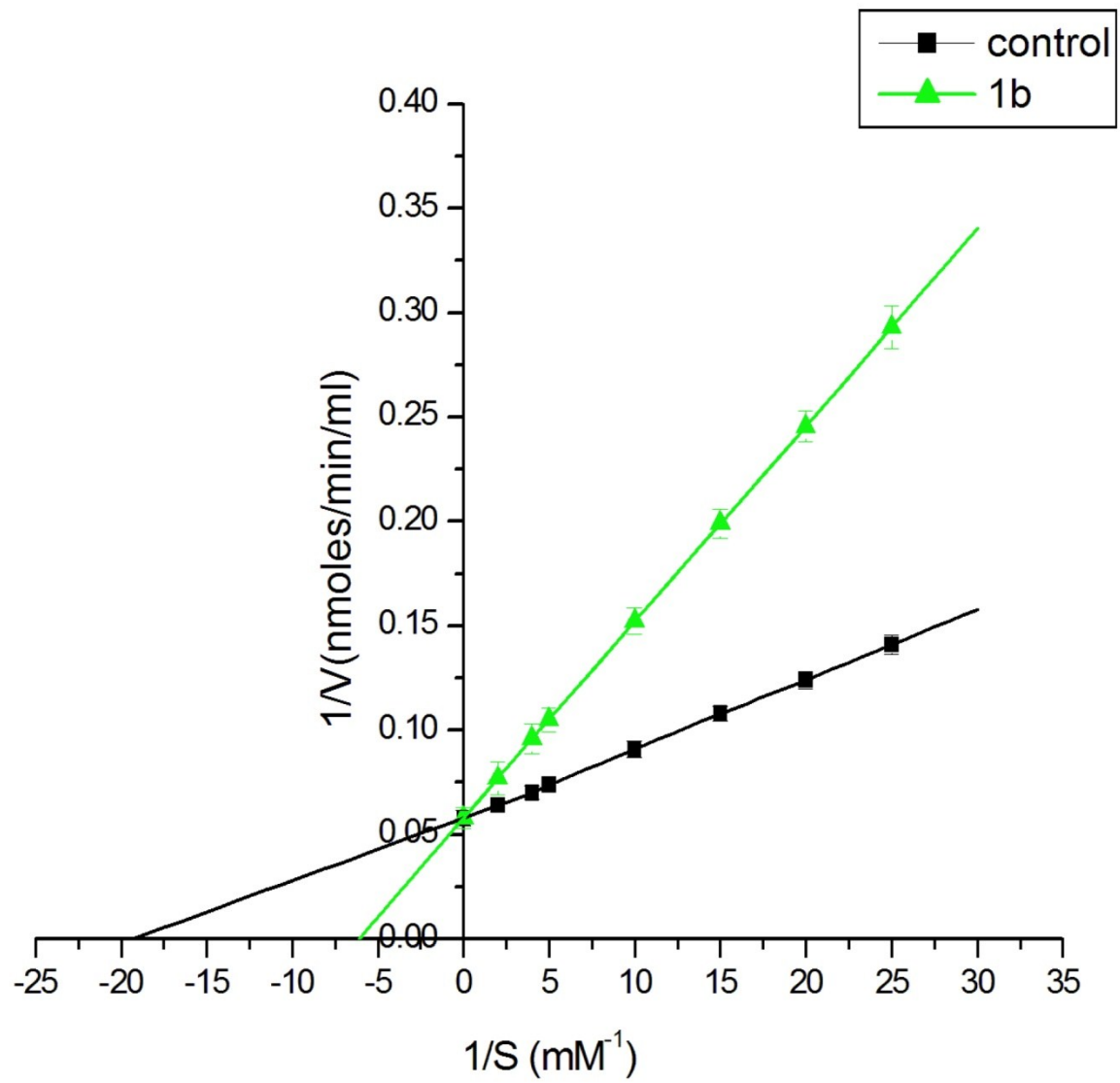


Figure L2

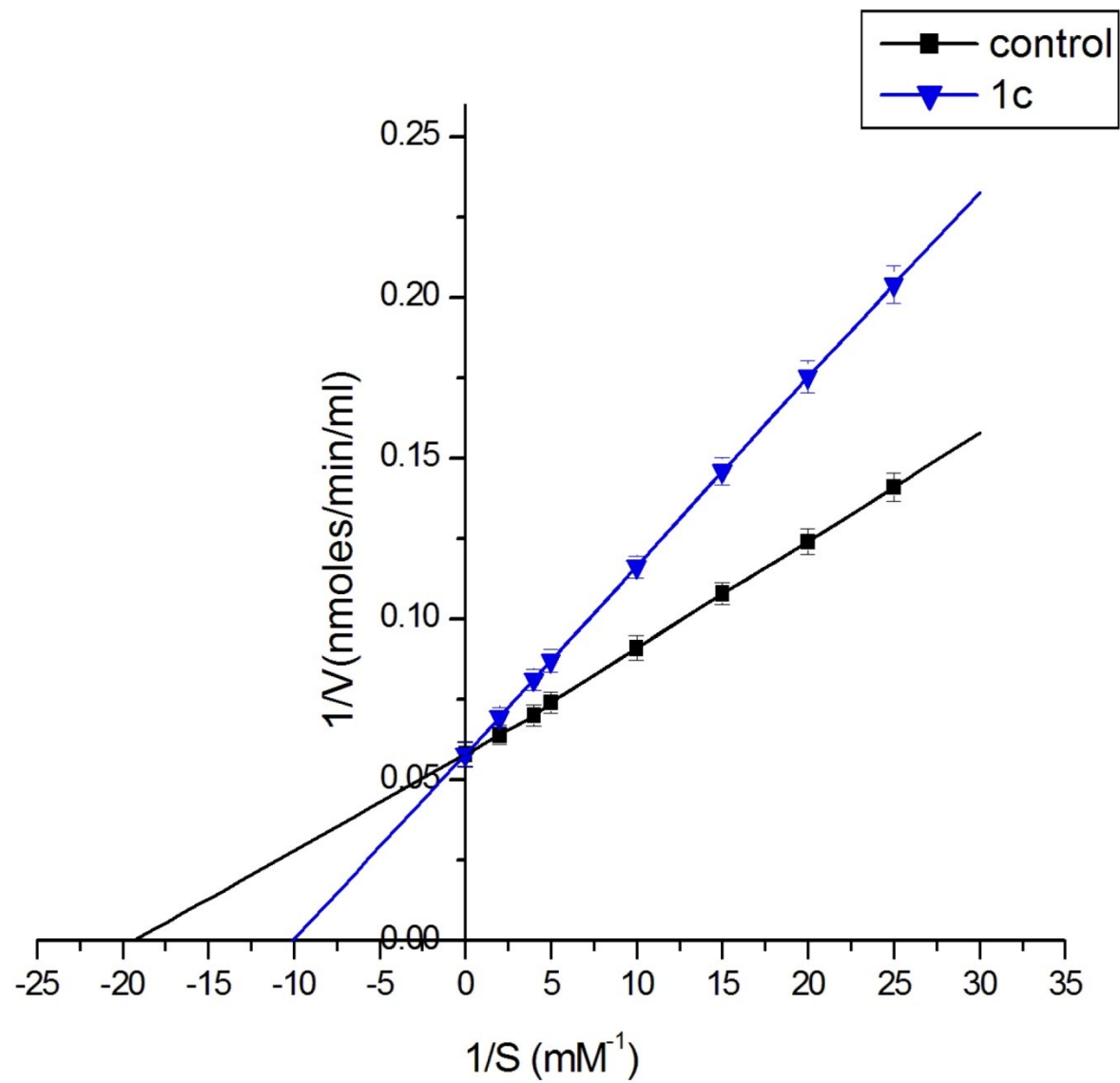


Figure L3

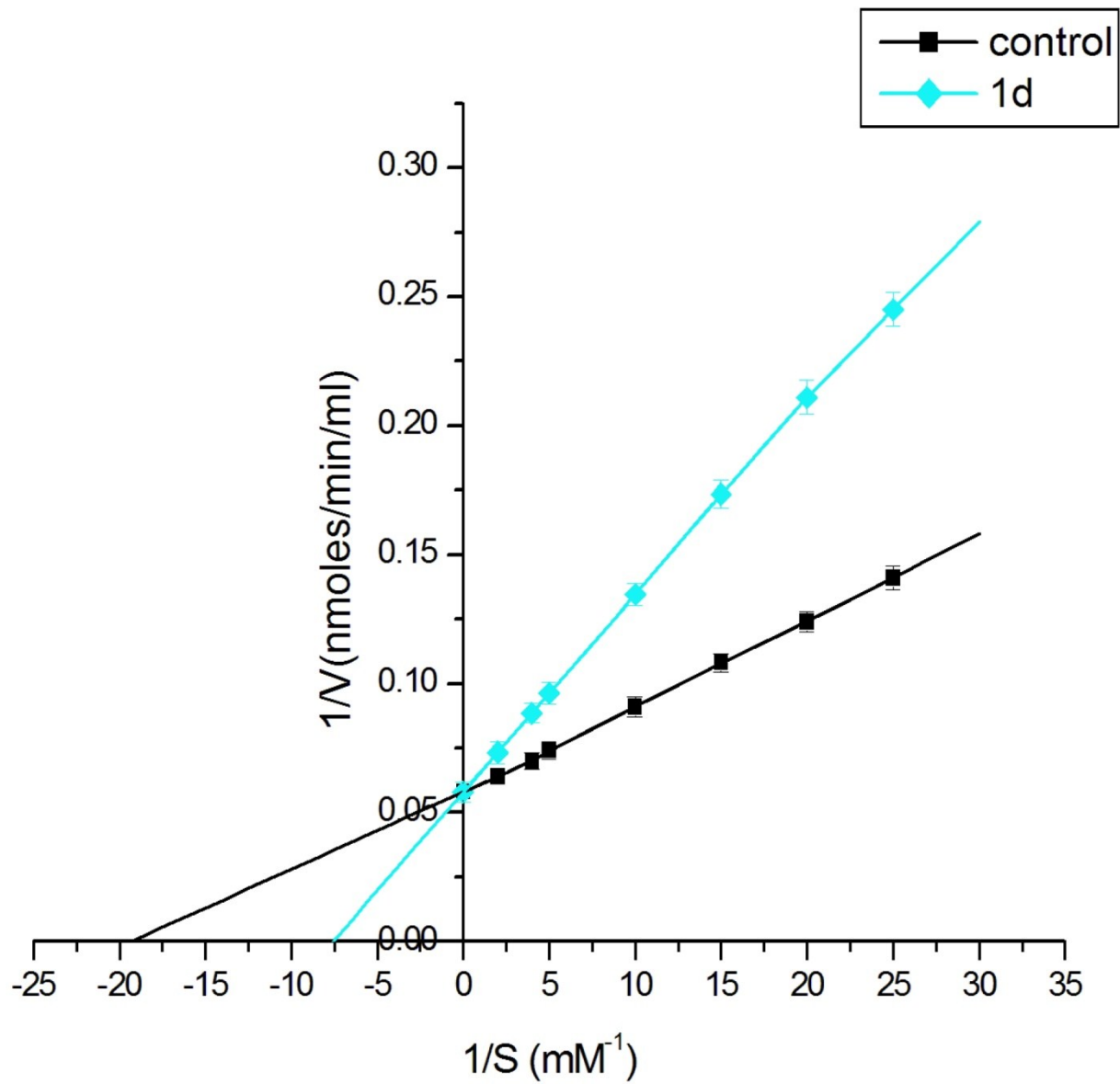


Figure L4

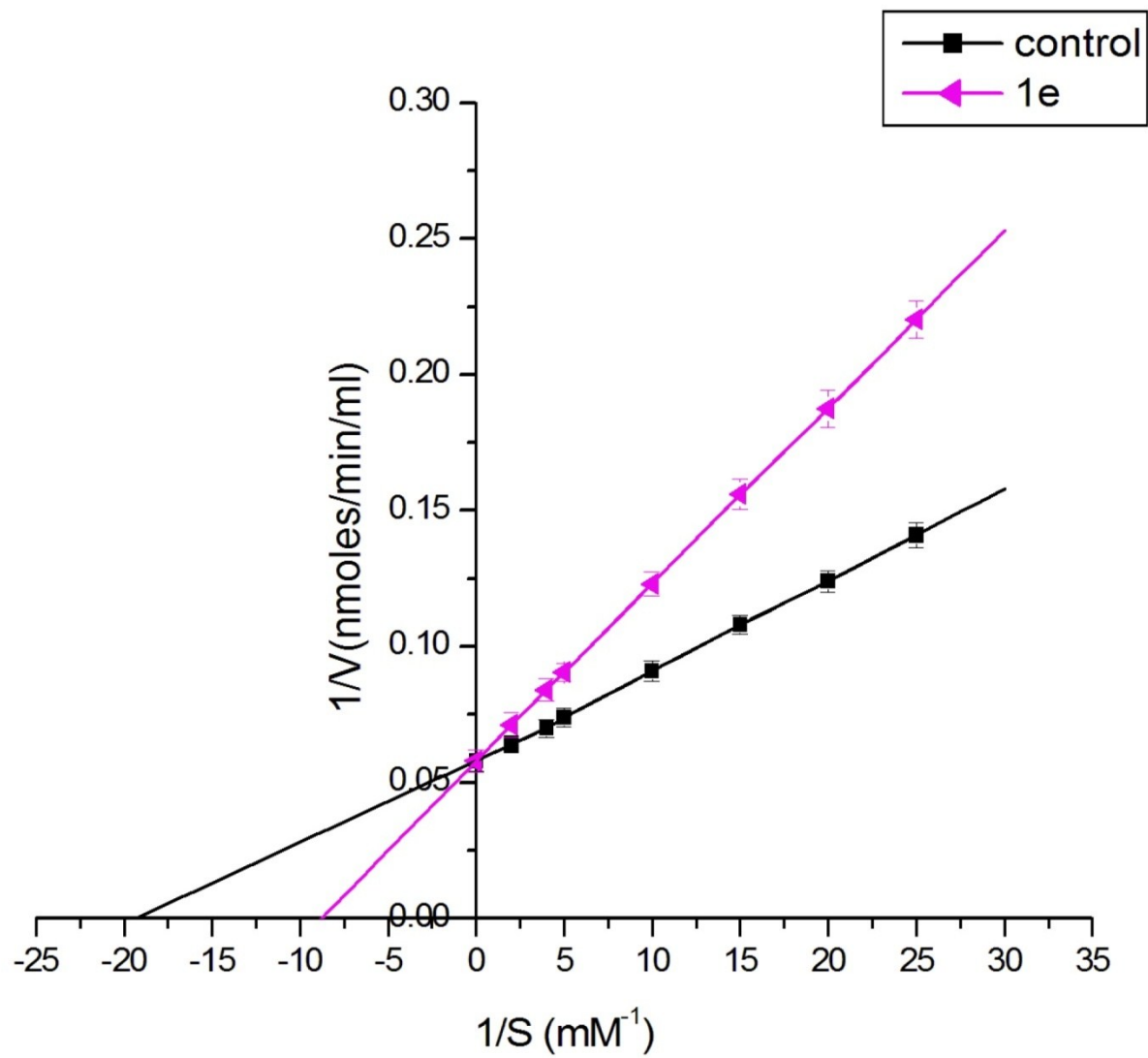


Figure L5

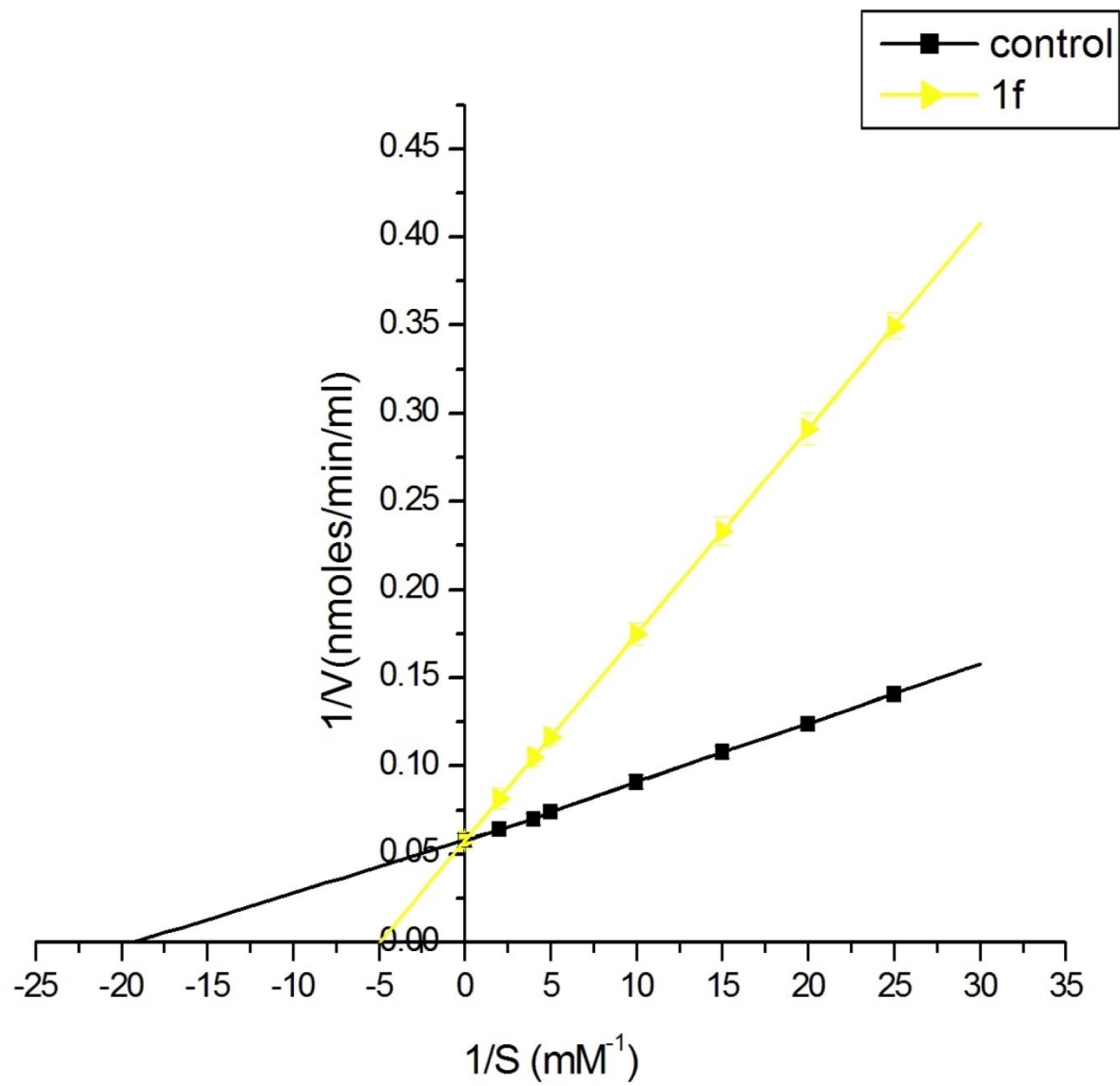


Figure L6

Figure B1-B6: Line weaver Burk plots in presence and absence of the synthesized compounds **1a-1f** (at a concentration $I = 1 \times 10^{-6}$ M) on cathepsin B respectively

Figure H1-H6: Line weaver Burk plots in presence and absence of the synthesized compounds **1a-1f** (at a concentration $I = 1 \times 10^{-7}$ M) on cathepsin H respectively.

Figure L1-L6: Line weaver Burk plots in presence and absence of the synthesized compounds **1a-1f** (at a concentration $I = 1 \times 10^{-9}$ M) on cathepsin L respectively.