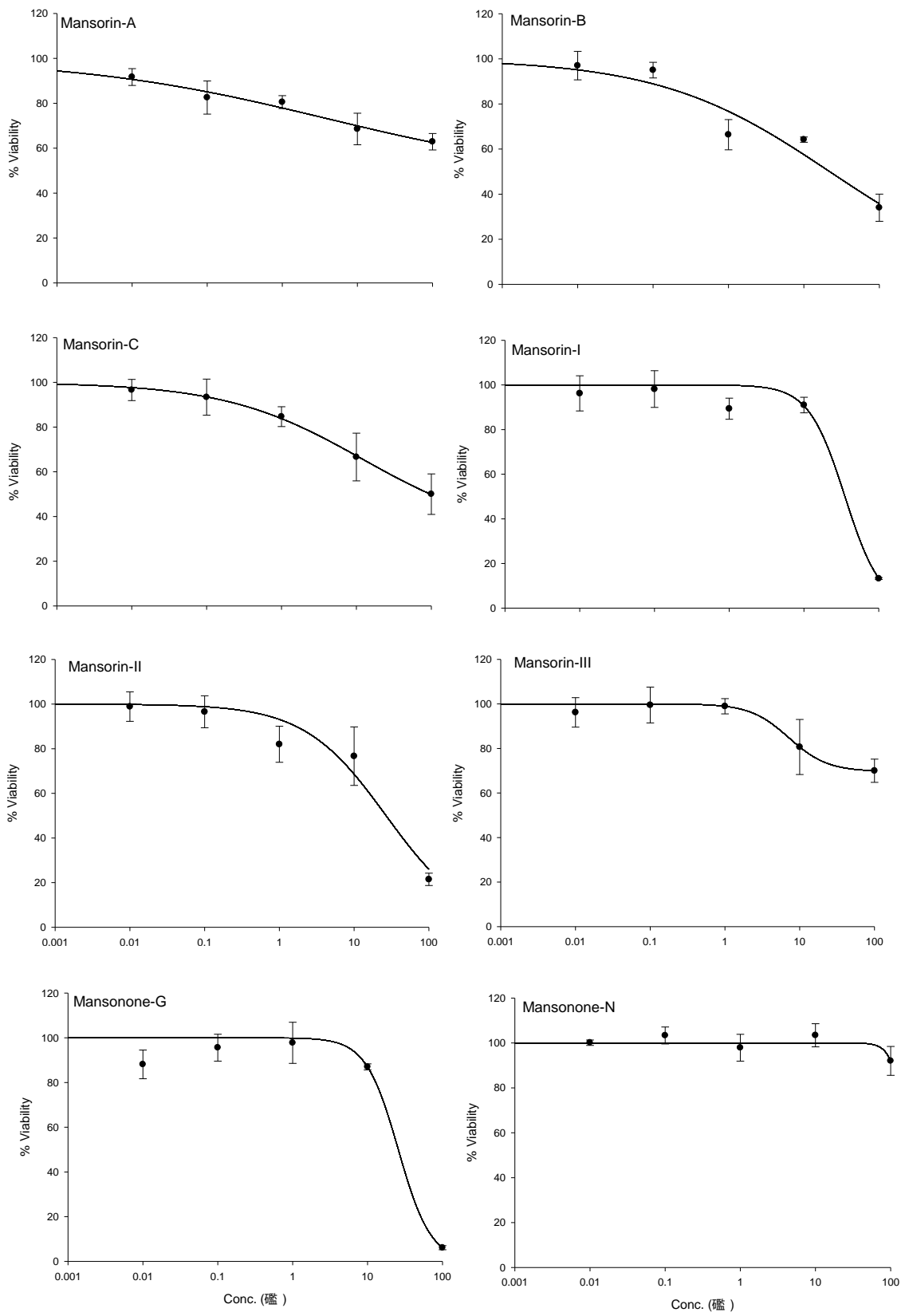
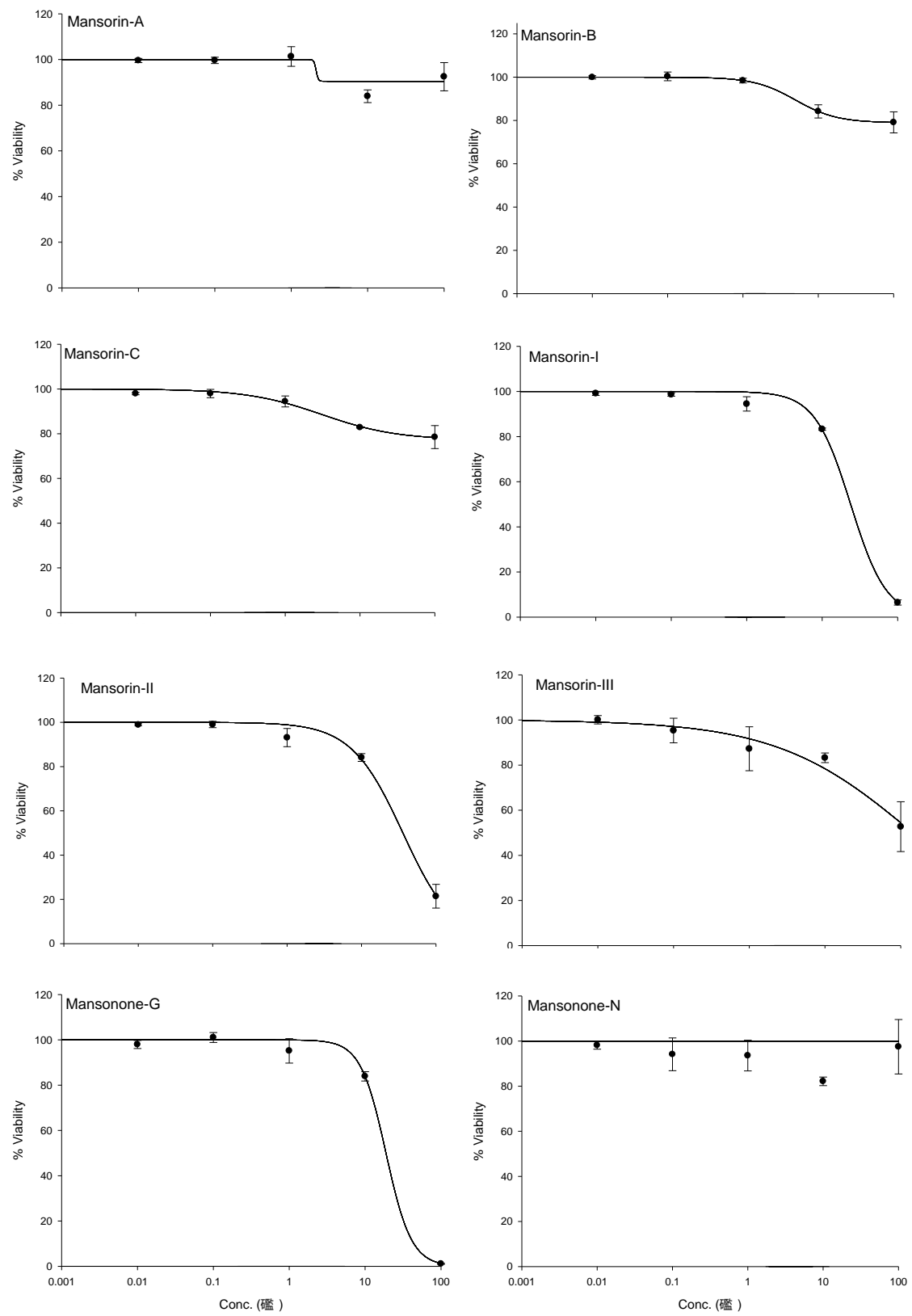


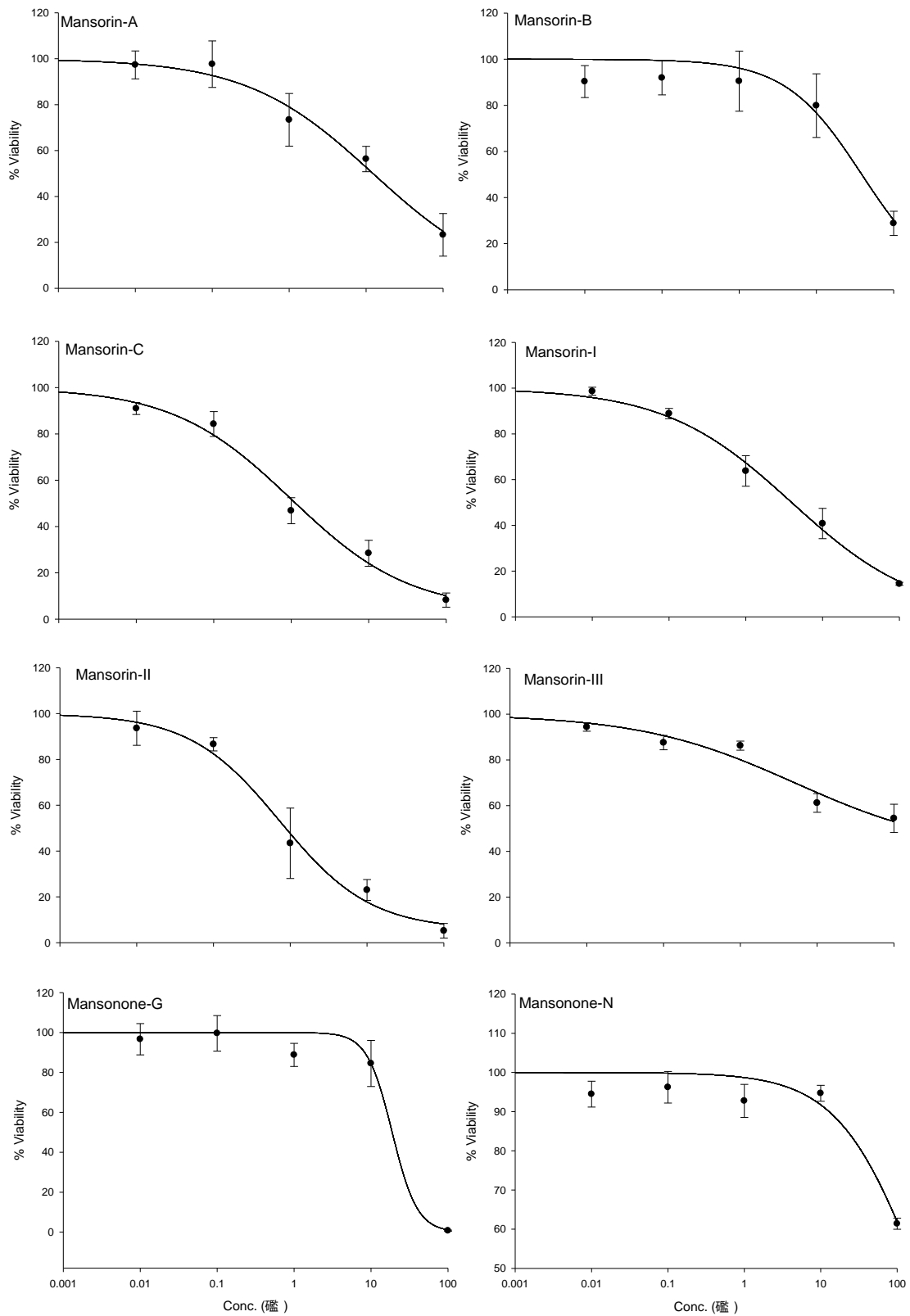
Supp. Fig. 1. Dose response curves of different naturally occurring coumarins and *O*-naphthoquinones against HCT-116 cells.



Supp. Fig. 2. Dose response curves of different naturally occurring coumarins and *O*-naphthoquinones against HepG2 cells.

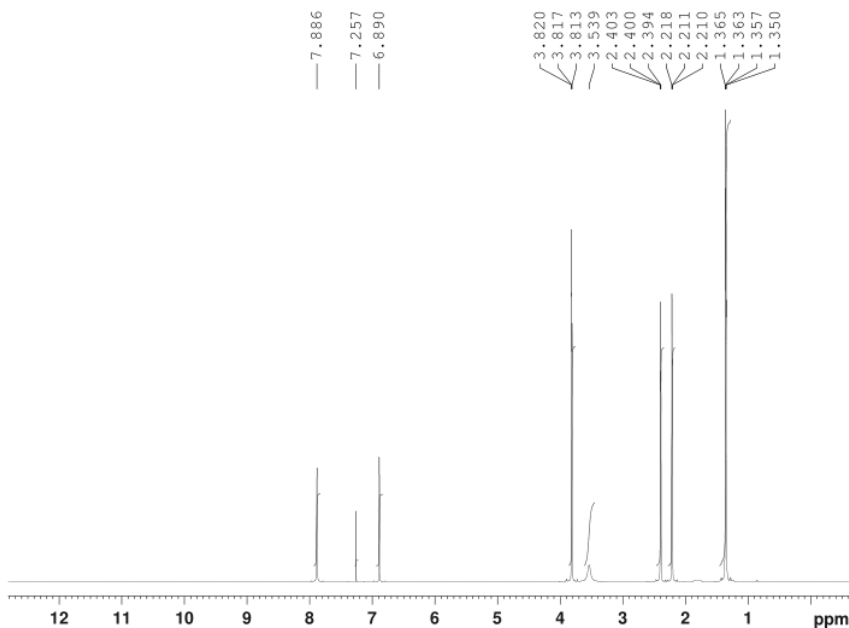


Supp. Fig. 3. Dose response curves of different naturally occurring coumarins and *O*-naphthoquinones against MCF-7 cells.



Supp. Fig. 4. Dose response curves of different naturally occurring coumarins and *O*-naphthoquinones against HeLa cells.

Dr. Hossam
 Sample : MAN-A CDCL3



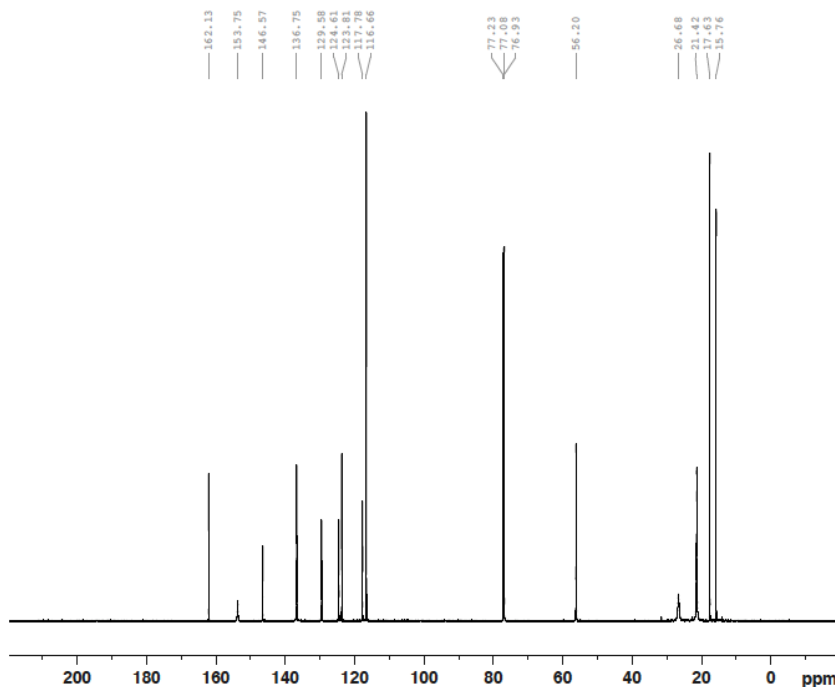
Current Data Parameters
 NAME HOSSAM MAN-A 07-01-2016
 EXPNO 40
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20160107
 Time 11.53
 INSTRUM spect
 PROBRD 5 mm CPQCI 1H-
 PULPROG zg30
 TD 65536
 SOLVENT CDCl3
 NS 32
 DS 2
 SWH 17006.803 Hz
 FIDRES 0.293003 Hz
 AQ 1.9267984 sec
 RG 4.74
 DM 29.400 usec
 DE 10.00 usec
 TE 298.2 K
 D1 1.00000000 sec
 TDO 1

===== CHANNEL f1 =====
 SF01 850.1552500 MHz
 NUC1 1H
 P1 1.00 usec
 PL1 15.30000019 W

F2 - Processing parameters
 S1 65536
 SF 850.1500240 MHz
 NDM 3H
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 2.00

Dr. Hossam
 Sample : MAN-A CDCL3



Current Data Parameters
 NAME HOSSAM MAN-A 07-01-2016
 EXPNO 42
 PROCNO 1

F1 - Acquisition Parameters
 Date_ 20160107
 Time 12.15
 INSTRUM spect
 PROBRD 5 mm CPQCI 1H-
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 484
 DS 4
 SWH 51020.406 Hz
 FIDRES 0.778810 Hz
 AQ 0.6422528 sec
 RG 186.93
 DM 9.600 usec
 DE 18.00 usec
 TE 298.2 K
 D1 2.00000000 sec
 D11 0.03000000 sec
 TDO 1

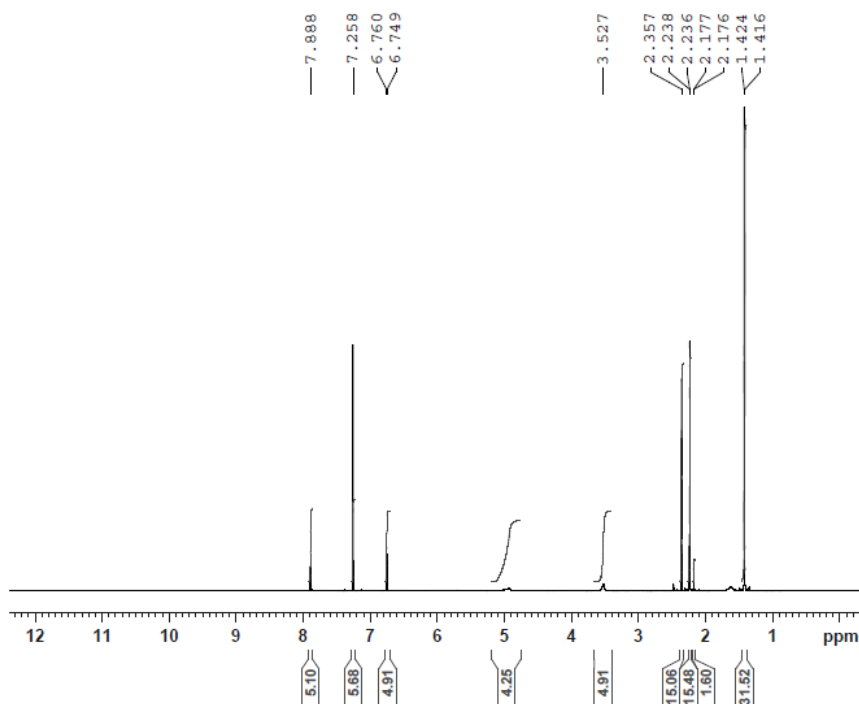
===== CHANNEL f1 =====
 SF01 213.7917436 MHz
 NUC1 13C
 P1 12.00 usec
 PL1 130.00000000 W

===== CHANNEL f2 =====
 SF02 850.1524006 MHz
 NUC2 1H
 CPDPRG2 waltz16
 SF03 80.10 usec
 PL12 13.80000019 W
 PL13 0.13800000 W
 PL13 0.08852000 W

F1 - Processing parameters
 S1 65536
 SF 213.7703876 MHz
 NDM 3H
 SSB 0
 LB 1.50 Hz
 GB 0
 PC 2.00

Supp. Fig 5. ¹H and ¹³C NMR charts of compound 1

Dr.Hossam
 Sample : MAN-B CDCL3



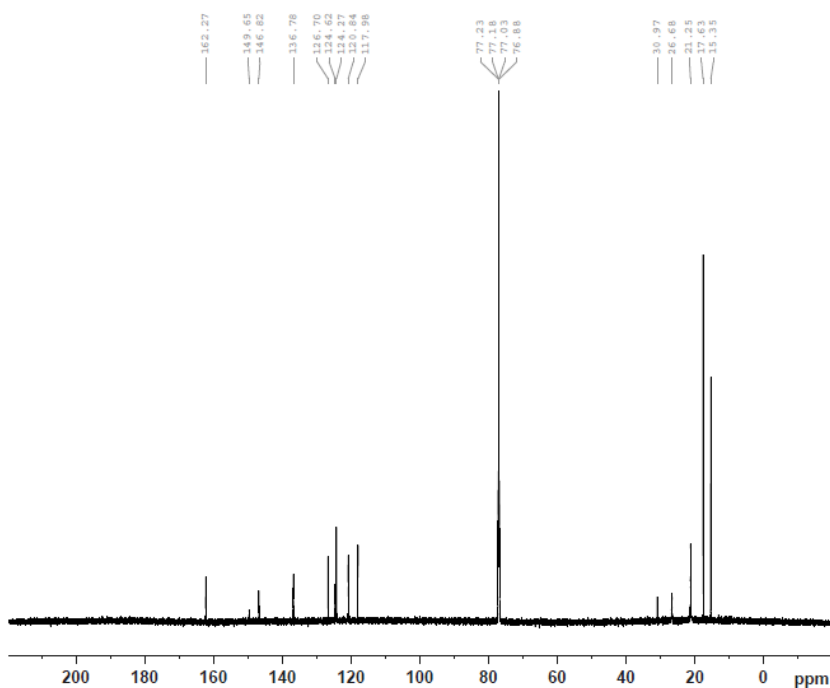
Current Data Parameters
 NAME HOSSAM MAN-B 07-01-2016
 EXPNO 30
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20160107
 Time 11.06
 INSTRUM spect
 PROBEH 5 mm CPQCI 1H
 PULPROG zg30
 TD 6536
 SOLVENT CDCl3
 NS 32
 DS 2
 SWH 17006.803 Hz
 FIDRES 0.219503 Hz
 AQ 1.9267584 sec
 RG 12.46
 DW 19.400 usec
 DE 10.00 usec
 TE 298.0 K
 D1 1.00000000 sec
 TDO 1

----- CHANNEL f1 -----
 SFO1 850.1552500 MHz
 NUCL1 1H
 P1 8.00 usec
 PLW1 15.30000019 W

F2 - Processing parameters
 SI 6536
 SF 850.1500240 MHz
 WMW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 2.00

Dr.Hossam
 Sample : MAN-B CDCL3



Current Data Parameters
 NAME HOSSAM MAN-B 07-01-2016
 EXPNO 32
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20160107
 Time 11.19
 INSTRUM spect
 PROBEH 5 mm CPQCI 1H
 PULPROG zgpg30
 TD 6536
 SOLVENT CDCl3
 NS 883
 DS 4
 SWH 51020.406 Hz
 FIDRES 0.778510 Hz
 AQ 0.64232528 sec
 RG 186.93
 DW 9.800 usec
 DE 18.00 usec
 TE 298.0 K
 D1 2.00000000 sec
 D11 0.03000000 sec
 TDO 1

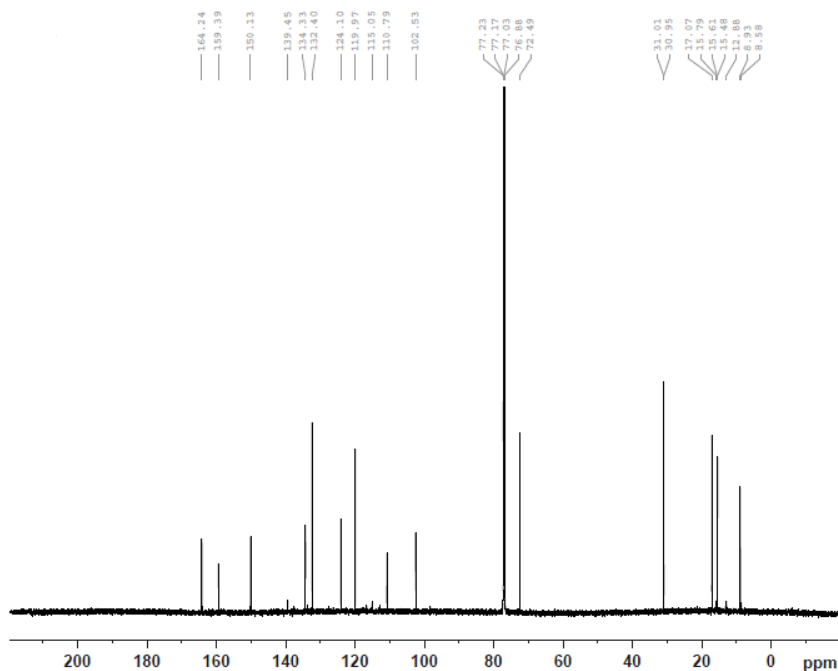
----- CHANNEL f1 -----
 SFO1 213.7917636 MHz
 NUCL1 13C
 P1 12.00 usec
 PLW1 130.00000000 W

----- CHANNEL f2 -----
 SFO2 850.1534006 MHz
 NUCL2 1H
 CPDPRG2 waltz16
 PCPD2 80.00 usec
 PLW2 13.80000019 W
 PLW12 0.13800000 W
 PLW13 0.08832000 W

F2 - Processing parameters
 SI 32768
 SF 213.7703875 MHz
 WMW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 2.00

Supp. Fig 6. ¹H and ¹³C NMR charts of compound 2

Dr.Hossam
Sample : M-2 CDCL3



Current Data Parameters
NAME HOSSAM M-2 07-01-2016
EXPRO 52
PROCNO 1

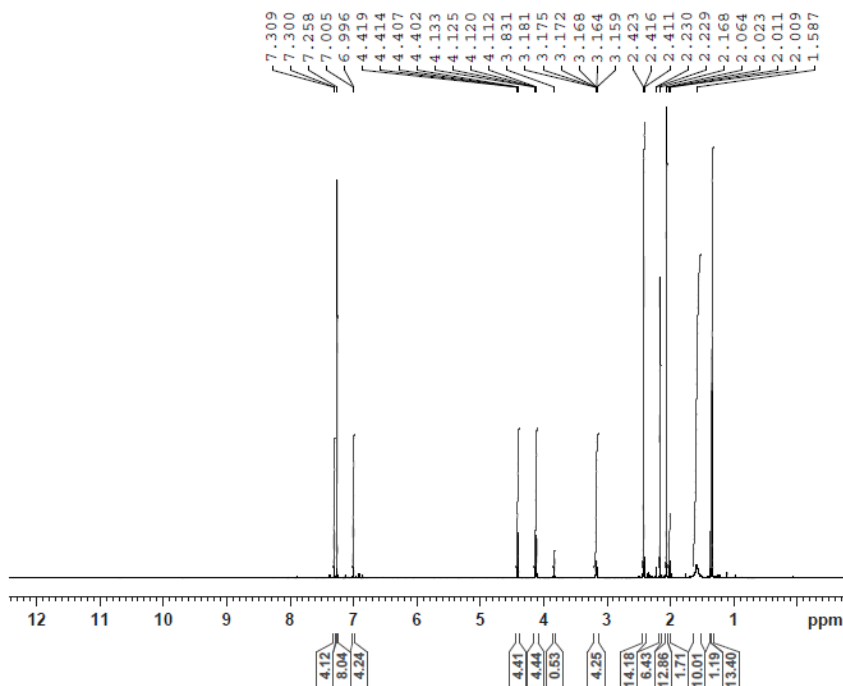
F2 - Acquisition Parameters
Date_ 20160107
Time 13.01
INSTRUM spect
PROBHD 5 mm CDQCI 1H-
PULPROG zgpg30
TD 65536
SOLVENT CDCL3
NS 870
DS 4
SWH 51020.406 Hz
FIDRES 0.778510 Hz
AQ 0.6422528 sec
RG 186.93
EW 9.800 usec
DE 18.00 usec
TE 298.0 K
D1 2.00000000 sec
D11 0.03000000 sec
TD0 1

----- CHANNEL f1 -----
SFO1 213.770375 MHz
NUC1 13C
P1 12.00 usec
PLW1 130.0000000 W

----- CHANNEL f2 -----
SFO2 850.1534006 MHz
NUC2 1H
CPDPRG2 waltz16
PCPD2 80.00 usec
PLW2 13.80000019 W
PLW12 0.13800000 W
PLW13 0.08832000 W

F2 - Processing parameters
SI 32768
SF 213.770375 MHz
WDW EM
SSB 0 1.50 Hz
LB 0
GB 0
PC 2.00

Dr.Hossam
Sample : M-2 CDCL3



Current Data Parameters
NAME HOSSAM M-2 07-01-2016
EXPRO 50
PROCNO 1

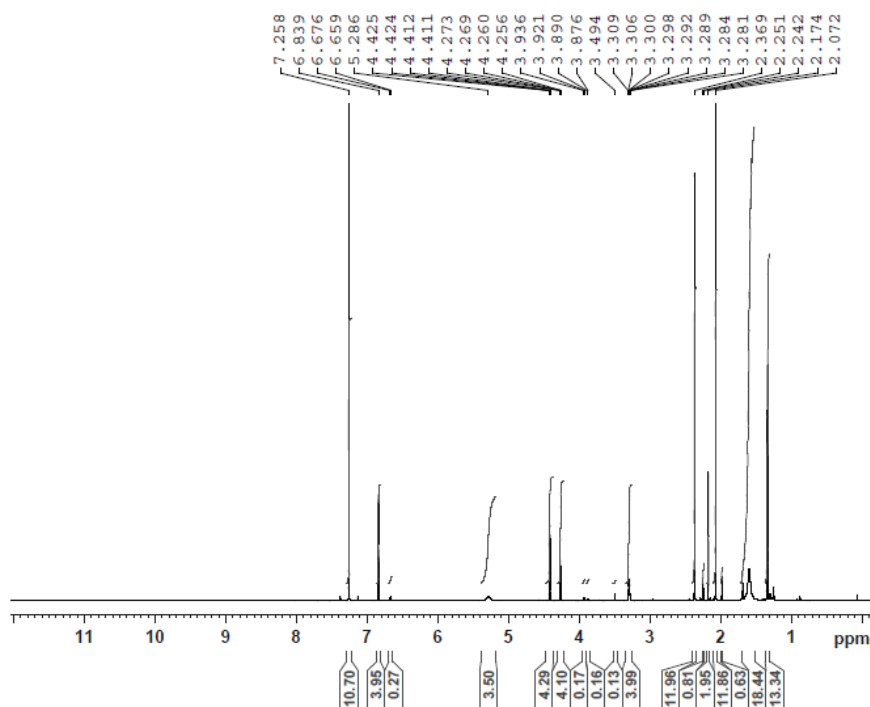
F2 - Acquisition Parameters
Date_ 20160107
Time 12.21
INSTRUM spect
PROBHD 5 mm CDQCI 1H-
PULPROG zg30
TD 65536
SOLVENT CDCL3
NS 32
DS 2
SWH 17006.803 Hz
FIDRES 0.259503 Hz
AQ 1.9267584 sec
RG 11.27
EW 29.400 usec
DE 10.00 usec
TE 298.0 K
D1 1.00000000 sec
TD0 1

----- CHANNEL f1 -----
SFO1 850.1552500 MHz
NUC1 1H
P1 8.00 usec
PLW1 15.30000019 W

F2 - Processing parameters
SI 65536
SF 850.1500240 MHz
WDW EM
SSB 0 0.30 Hz
LB 0
GB 0
PC 2.00

Supp. Fig 7. ¹H and ¹³C NMR charts of compound 3

Dr.Hossam
Sample : M-7 CDCL3



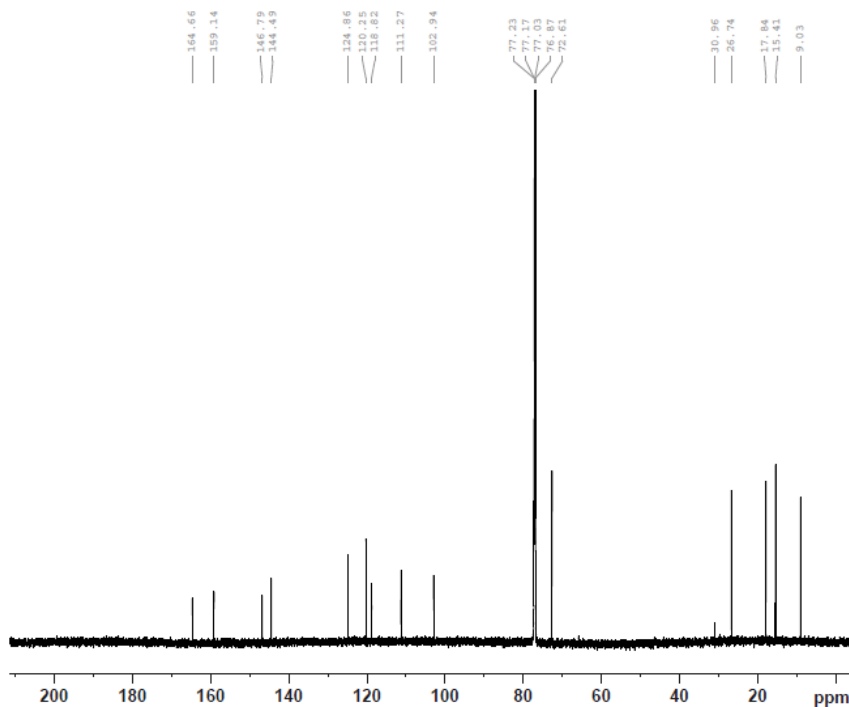
Current Data Parameters
NAME HOSSAM M-7 07-01-2016
EXPNO 60
PROCNO 1

F2 - Acquisition Parameters
Date_ 20160107
Time 13.07
INSTRUM spect
PROBHD 5 mm CPQCI 1H-
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 32
DS 2
SWH 17006.803 Hz
FIDRES 0.259503 Hz
AQ 1.9267584 sec
RG 11.37
LW 29.400 usec
DE 10.00 usec
TE 298.0 K
D1 1.00000000 sec
TDO 1

----- CHANNEL f1 -----
SFO1 850.1552500 MHz
NUC1 1H
P1 8.00 usec
PLW1 15.30000019 W

F2 - Processing parameters
SI 65536
SF 850.1500040 MHz
WDW EM
SBB 0
LB 0.30 Hz
GB 0
PC 2.00

Dr.Hossam
Sample : M-7 CDCL3



Current Data Parameters
NAME HOSSAM M-7 07-01-2016
EXPNO 62
PROCNO 1

F2 - Acquisition Parameters
Date_ 20160107
Time 13.12
INSTRUM spect
PROBHD 5 mm CPQCI 1H-
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 4
DS 4
SWH 51020.406 Hz
FIDRES 0.778510 Hz
AQ 0.6422528 sec
RG 186.93
LW 9.800 usec
DE 18.00 usec
TE 298.0 K
D1 2.00000000 sec
D11 0.03000000 sec
TDO 1

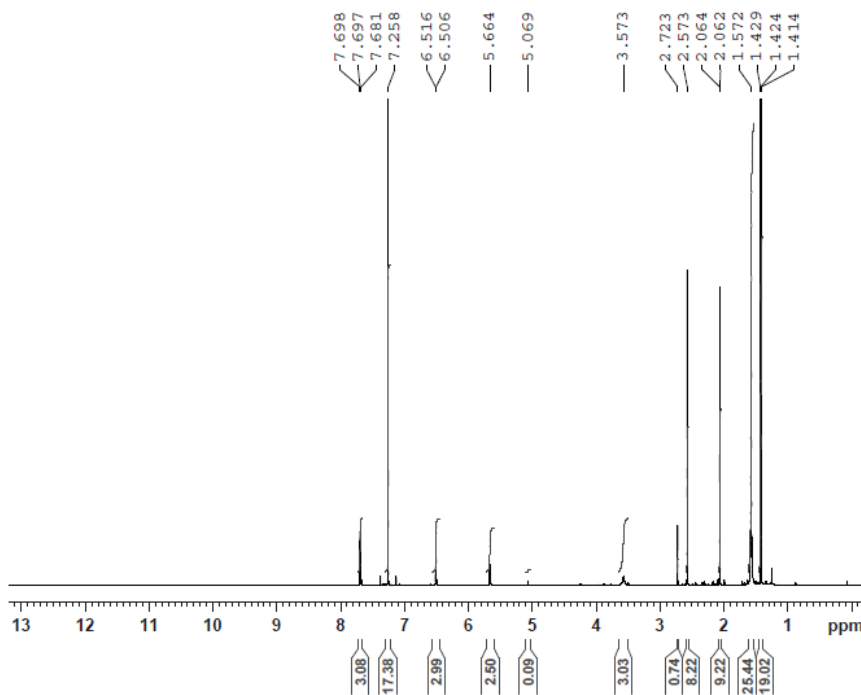
----- CHANNEL f1 -----
SFO1 213.7917636 MHz
NUC1 13C
P1 12.00 usec
PLW1 130.00000000 W

----- CHANNEL f2 -----
SFO2 850.1534006 MHz
NUC2 1H
PCPDPRG2 waltz16
PCPD2 80.00 usec
PLW2 13.80000019 W
PLW12 0.13800000 W
PLW13 0.08832000 W

F2 - Processing parameters
SI 32768
SF 213.7703876 MHz
WDW EM
SBB 0
LB 1.50 Hz
GB 0
PC 2.00

Supp. Fig 8. ¹H and ¹³C NMR charts of compound 4

Dr. Hossam
 Sample : MAN-G CDCL3



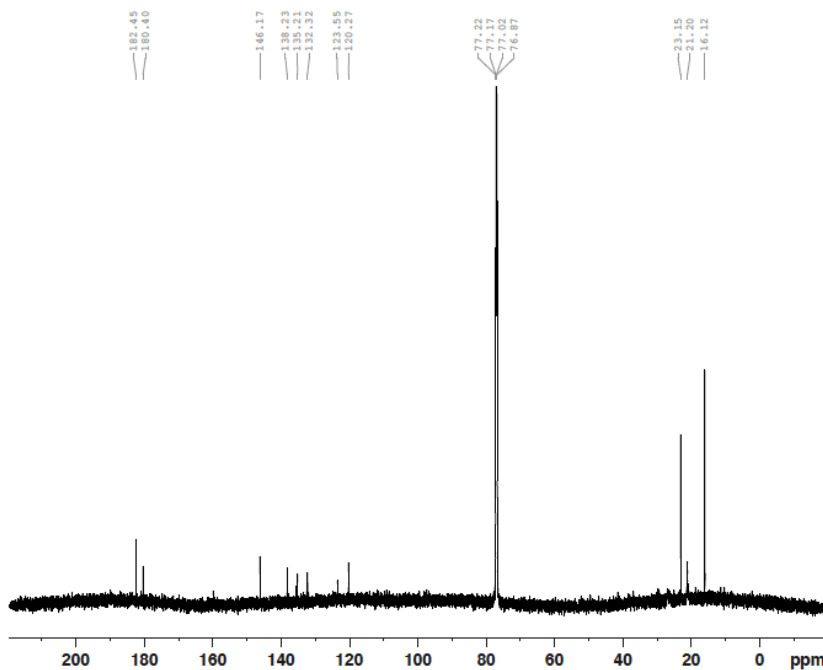
Current Data Parameters
 NAME HOSAM MAN-G 07-01-2016
 EXPNO 20
 PROCNO 1

F2 - Acquisition Parameters
 Date 20160107
 Time 9.27
 INSTRUM spect
 PROBEHD 5 mm CPQCI 1H-
 PULPROG zg30
 TD 65536
 SOLVENT CDCL3
 NS 32
 DS 2
 SWH 17006.803 Hz
 FIDRES 0.258503 Hz
 AQ 1.3227568 sec
 RG 12.46
 DM 29.400 usec
 DE 10.00 usec
 TE 298.0 K
 D1 1.0000000 sec
 TDO 1

----- CHANNEL f1 -----
 SFO1 850.1552500 MHz
 NUCL1 1H
 P1 8.00 usec
 PLW1 15.30000019 W

F2 - Processing parameters
 SI 65536
 SF 850.1500240 MHz
 MW EM
 GB 0
 LB 0.30 Hz
 CB 0
 PC 2.00

Dr. Hossam
 Sample : MAN-G CDCL3



Current Data Parameters
 NAME HOSAM MAN-G 07-01-2016
 EXPNO 21
 PROCNO 1

F1 - Acquisition Parameters
 Date 20160107
 Time 9.45
 INSTRUM spect
 PROBEHD 5 mm CPQCI 1H-
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCL3
 NS 2048
 DS 4
 SWH 51020.468 Hz
 FIDRES 0.778510 Hz
 AQ 0.6422528 sec
 RG 156.33
 DM 9.800 usec
 DE 10.00 usec
 TE 298.0 K
 D1 2.00000000 sec
 D11 0.03000000 sec
 TDO 1

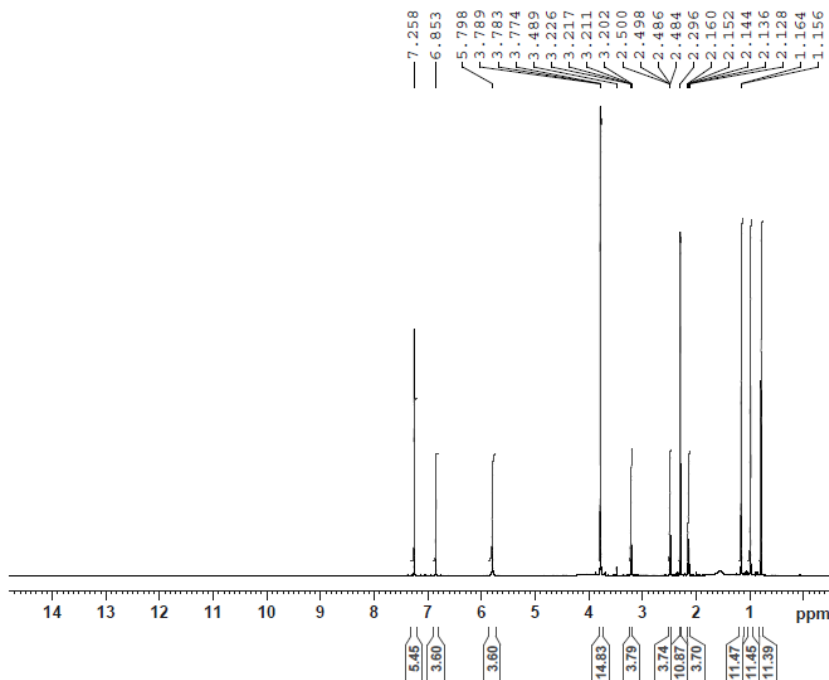
----- CHANNEL f1 -----
 SFO1 213.7917636 MHz
 NUCL1 13C
 P1 12.00 usec
 PLW1 130.00000000 W

----- CHANNEL f2 -----
 SFO2 850.1554006 MHz
 NUCL2 1H
 CPDPRG[2] waltz16
 PCPD2 80.00 usec
 PLW2 13.80000019 W
 PLW12 0.13800000 W
 PLW13 0.08832000 W

F2 - Processing parameters
 SI 32768
 SF 213.7703876 MHz
 MW EM
 GB 0
 LB 1.50 Hz
 CB 0
 PC 2.00

Supp. Fig 9. ¹H and ¹³C NMR charts of compound 5

Dr. Hossam
 Sample : MAN-N CDCL3



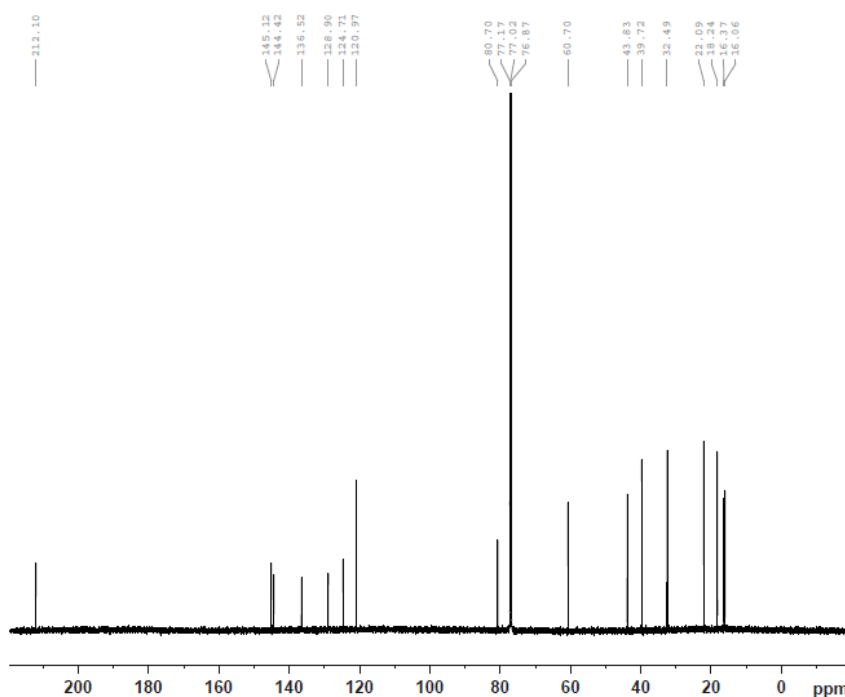
Current Data Parameters 07-01-2016
 NAME HOSSAM MAN-N
 EXPRO 10
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20160107
 Time 9.06
 INSTRUM spect
 PROBHD 5 mm CPQCI 1H-
 PULPROG zg30
 TD 65536
 SOLVENT CDCl3
 NS 32
 DS 2
 SWH 17006.803 Hz
 FIDRES 0.269603 Hz
 AQ 1.9247684 sec
 RG 9.04
 DW 29.400 usec
 DE 10.00 usec
 TE 298.0 K
 D1 1.00000000 sec
 TDO 1

----- CHANNEL f1 -----
 SFO1 850.152500 MHz
 NUC1 1H
 P1 8.00 usec
 PLM1 15.30000010 W

F2 - Processing parameters
 SI 65536
 SF 850.1500240 MHz
 MW 6M
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 2.00

Dr. Hossam
 Sample : MAN-N CDCL3



Current Data Parameters 07-01-2016
 NAME HOSSAM MAN-N
 EXPRO 11
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20160107
 Time 9.22
 INSTRUM spect
 PROBHD 5 mm CPQCI 1H-
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 313
 DS 4
 SWH 51020.406 Hz
 FIDRES 0.778510 Hz
 AQ 0.6422528 sec
 RG 186.90
 DW 9.800 usec
 DE 18.00 usec
 TE 298.0 K
 D1 2.00000000 sec
 D11 0.03000000 sec
 TDO 1

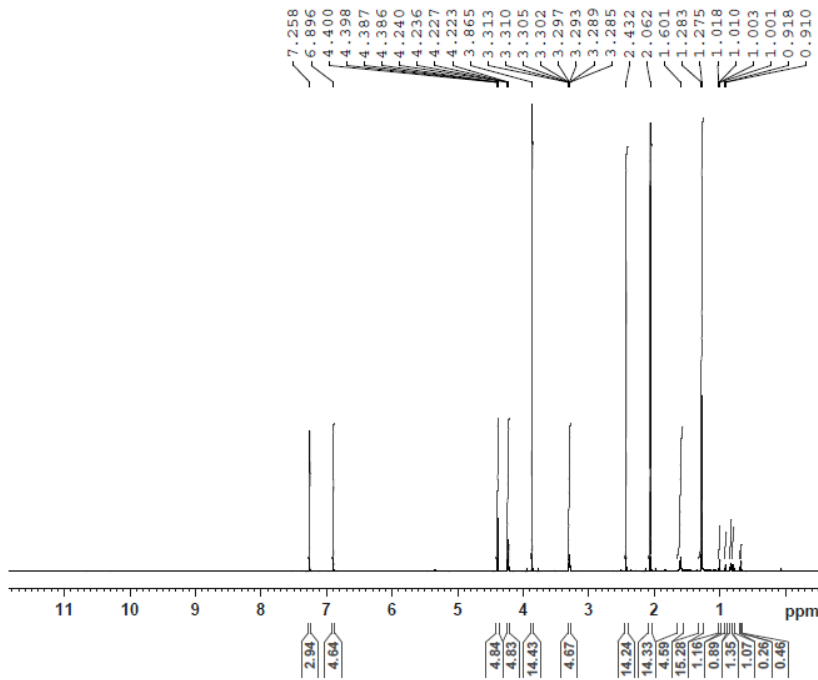
----- CHANNEL f1 -----
 SFO1 213.7017636 MHz
 NUC1 13C
 P1 12.00 usec
 PLM1 130.00000000 W

----- CHANNEL f2 -----
 SFO2 850.1534006 MHz
 NUC2 1H
 CDPRG2 waltz16
 DCPR2 80.00 usec
 PLM2 13.80000010 W
 PLM12 0.13800000 W
 PLM13 0.08832000 W

F2 - Processing parameters
 SI 32768
 SF 213.7703875 MHz
 MW 8M
 SSB 0
 LB 1.50 Hz
 GB 0
 PC 2.00

Supp. Fig 10. ¹H and ¹³C NMR charts of compound 6

Dr.Hossam
Sample : M-4 CDCL3



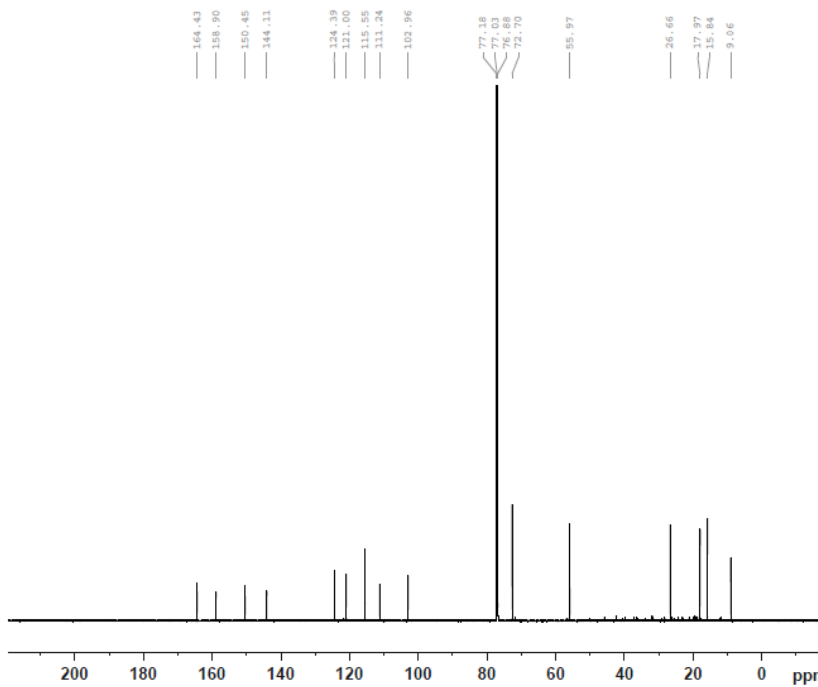
Current Data Parameters
NAME: HOSSAM W-4 02-11-2015
EXPNO: 100
PROCNO: 1

F2 - Acquisition Parameters
Date_: 20111102
Time: 10.51
INSTRUM: spect
PROBHD: 5 mm CPQCI 1H-
PULPROG: zg30
TD: 65536
SOLVENT: CDCL3
NS: 32
DS: 2
SWH: 17006.803 Hz
FIDRES: 0.29293 Hz
AQ: 1.9267584 sec
RG: 10.55
DW: 29.400 usec
DE: 10.00 usec
TE: 298.0 K
D1: 1.00000000 sec
TD0: 1

----- CHANNEL f1 -----
SFO1: 850.1562500 MHz
NUC1: 1H
P1: 8.00 usec
PLW1: 15.30000019 W

F2 - Processing parameters
SI: 65536
SF: 850.1500240 MHz
WDW: EM
SSB: 0
LB: 0.30 Hz
GB: 0
PC: 2.00

Dr.Hossam
Sample : M-4 CDCL3



Current Data Parameters
NAME: HOSSAM W-4 02-11-2015
EXPNO: 101
PROCNO: 1

F2 - Acquisition Parameters
Date_: 20111102
Time: 11.02
INSTRUM: spect
PROBHD: 5 mm CPQCI 1H-
PULPROG: zgpg30
TD: 65536
SOLVENT: CDCL3
NS: 352
DS: 4
SWH: 81020.406 Hz
FIDRES: 0.778810 Hz
AQ: 0.6422528 sec
RG: 186.93
DW: 9.800 usec
DE: 18.00 usec
TE: 298.0 K
D1: 2.00000000 sec
D11: 0.03000000 sec
TD0: 1

----- CHANNEL f1 -----
SFO1: 213.7917636 MHz
NUC1: 13C
P1: 12.00 usec
PLW1: 130.00000000 W

----- CHANNEL f2 -----
SFO2: 850.1534006 MHz
NUC2: 1H
CPDPRG2: waltz16
PCPD2: 80.00 usec
PLW2: 13.80000019 W
PLW12: 0.13800000 W
PLW13: 0.08820000 W

F2 - Processing parameters
SI: 32768
SF: 213.7703875 MHz
WDW: EM
SSB: 0
LB: 1.50 Hz
GB: 0
PC: 2.00

Supp. Fig 11. ¹H and ¹³C NMR charts of compound 7

