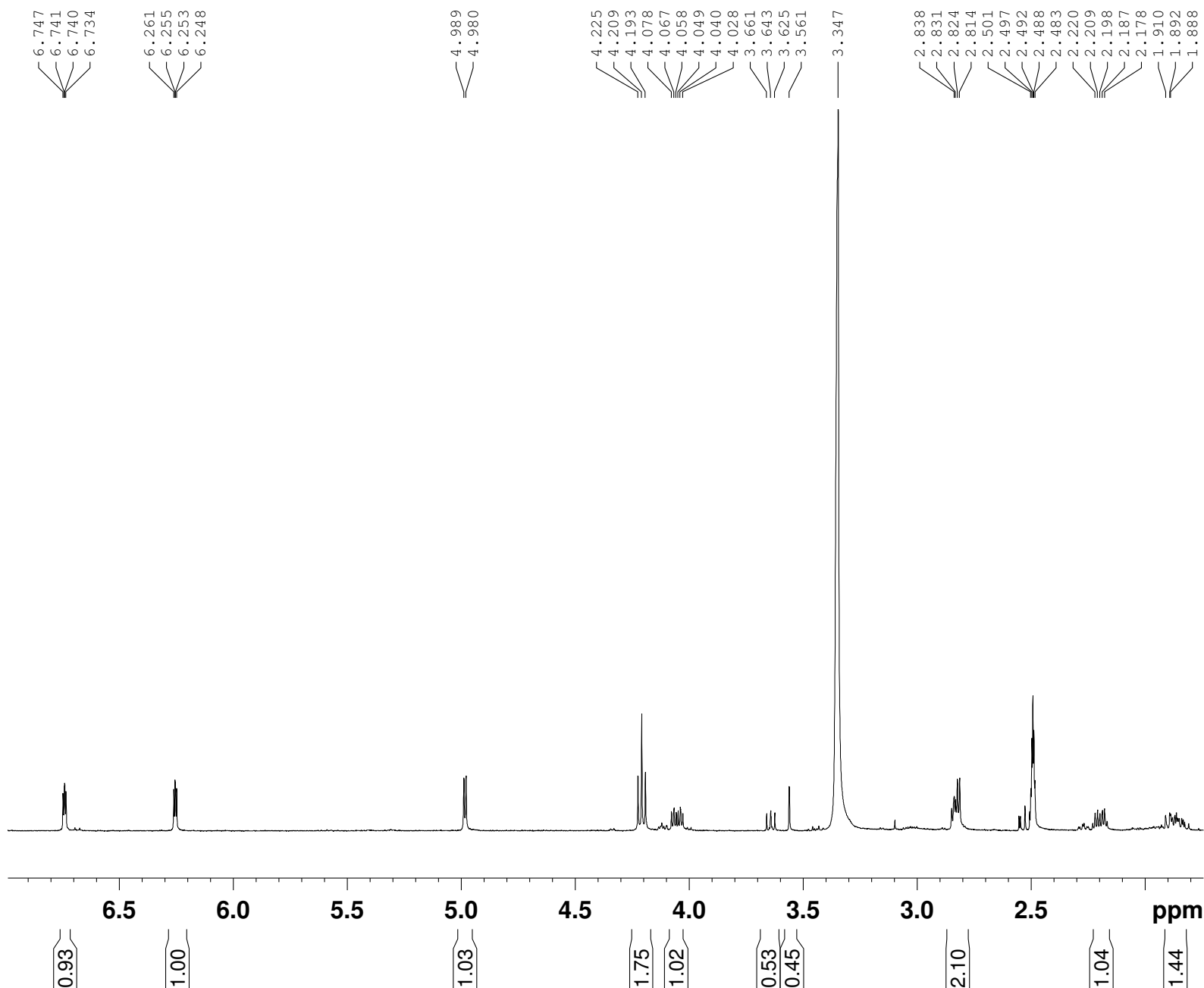


4-2



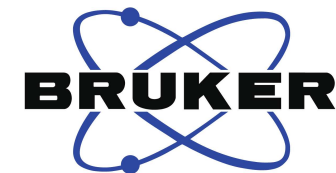
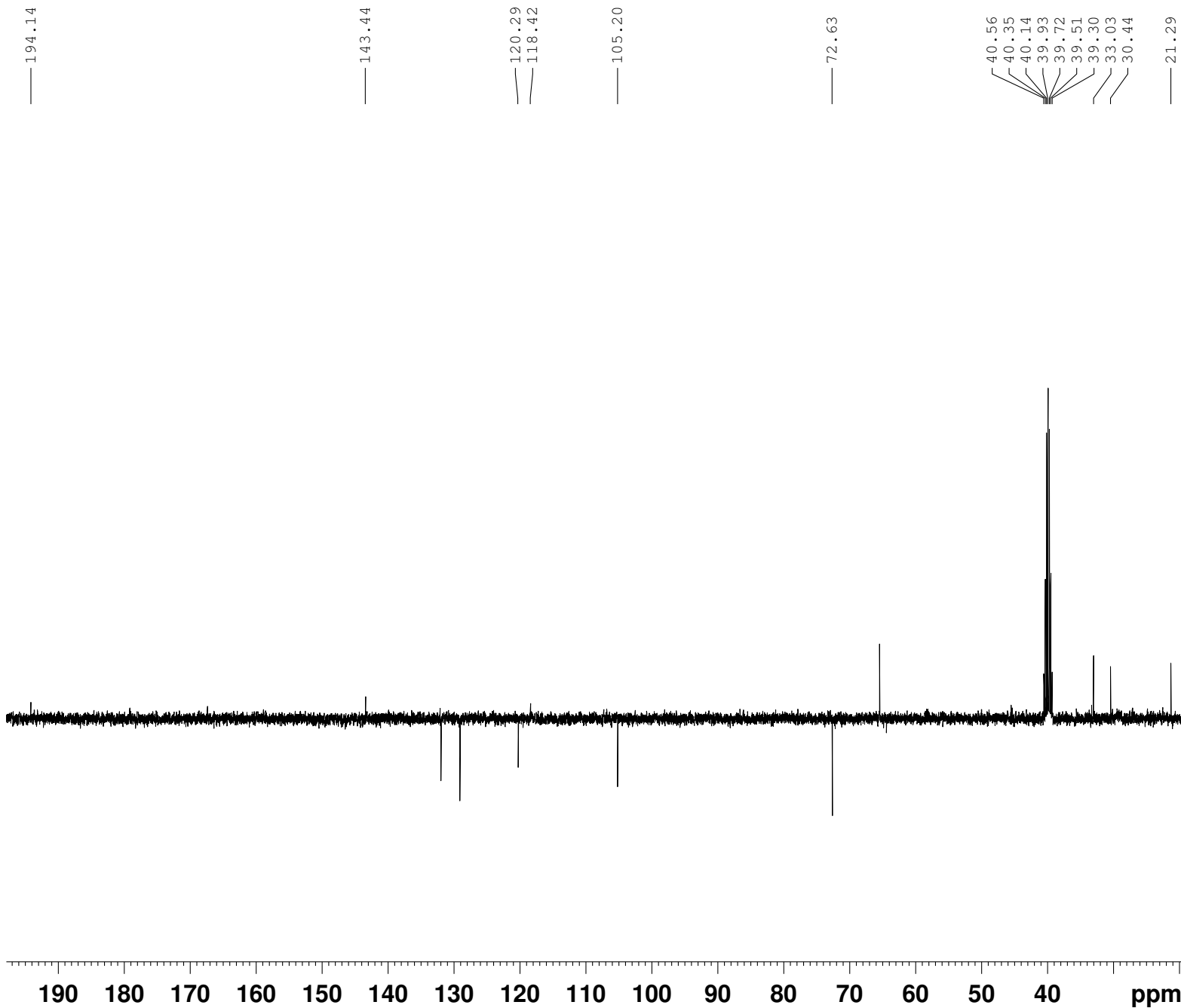
Current Data Parameters
NAME TW43-4-6
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20151106
Time 23.55
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT DMSO
NS 16
DS 2
SWH 8223.685 Hz
FIDRES 0.125483 Hz
AQ 3.9845889 sec
RG 50.8
DW 60.800 usec
DE 6.50 usec
TE 293.9 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 13.09 usec
PL1 -1.00 dB
PL1W 12.14314651 W
SFO1 400.1324710 MHz

F2 - Processing parameters
SI 32768
SF 400.1300000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

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Current Data Parameters
 NAME TW43-4-6
 EXPNO 2
 PROCNO 1

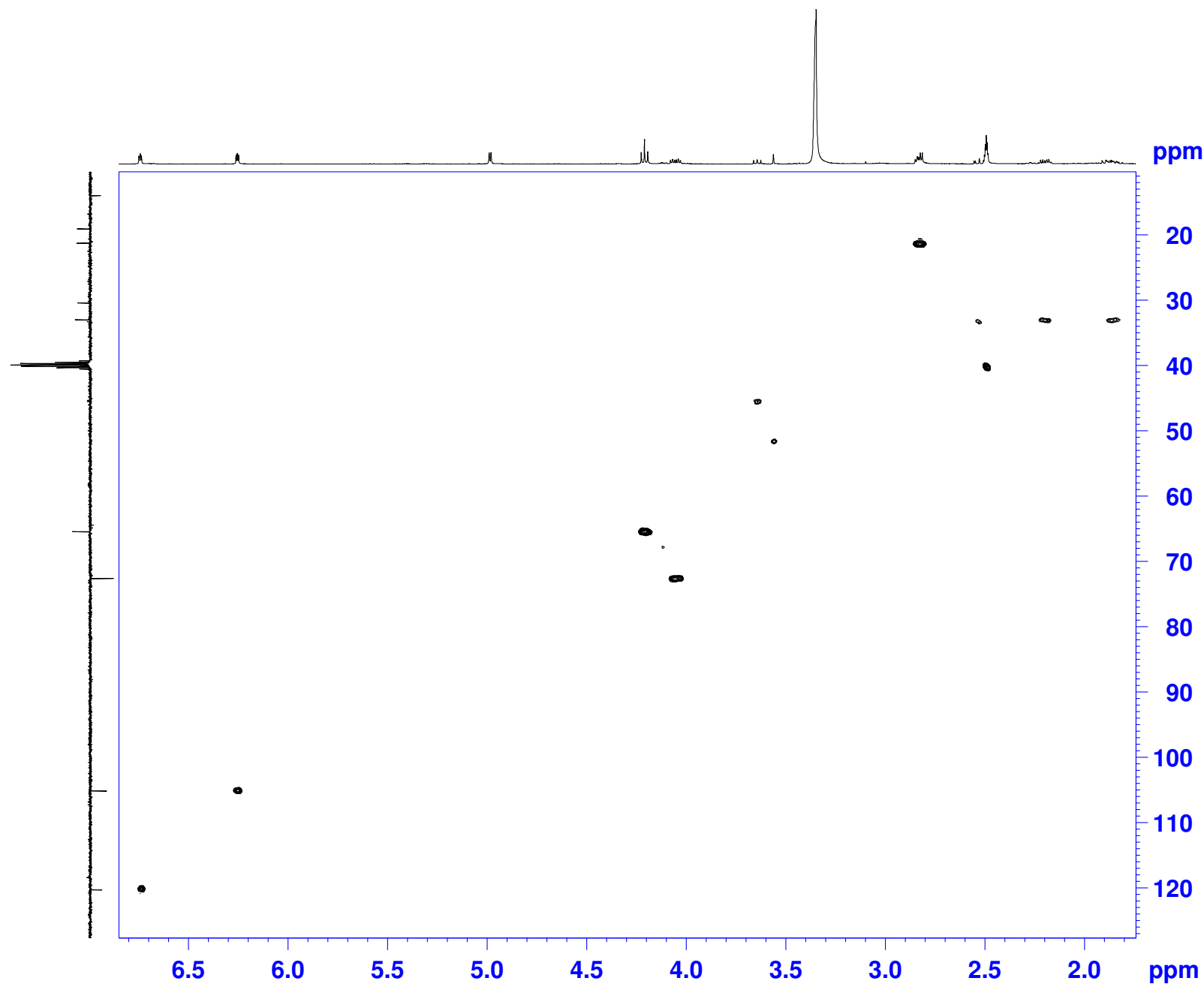
F2 - Acquisition Parameters

Date_ 20151107
 Time 0.21
 INSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG jmod
 TD 65536
 SOLVENT DMSO
 NS 3072
 DS 4
 SWH 24038.461 Hz
 FIDRES 0.366798 Hz
 AQ 1.3631488 sec
 RG 203
 DW 20.800 usec
 DE 6.50 usec
 TE 294.9 K
 CNST2 145.0000000
 CNST11 1.0000000
 D1 2.00000000 sec
 D20 0.00689655 sec
 TD0 1

===== CHANNEL f1 =====
 NUC1 13C
 P1 12.37 usec
 P2 24.74 usec
 PL1 1.00 dB
 PL1W 28.13319778 W
 SFO1 100.6228298 MHz

===== CHANNEL f2 =====
 CPDPRG[2] waltz16
 NUC2 1H
 PCPD2 80.00 usec
 PL2 -1.00 dB
 PL12 14.72 dB
 PL2W 12.14314651 W
 PL12W 0.32533529 W
 SFO2 400.1316005 MHz

F2 - Processing parameters
 SI 32768
 SF 100.6127690 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40



Current Data Parameters
 NAME TW43-4-6
 EXPNO 3
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20151107
 Time 2.55
 INSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG hsqcedetgp
 TD 1024
 SOLVENT DMSO
 NS 8
 DS 16
 SWH 4000.000 Hz
 FIDRES 3.906250 Hz
 AQ 0.1280000 sec
 RG 203
 DW 125.000 usec
 DE 6.50 usec
 TE 294.6 K
 CNST2 145.0000000
 D0 0.0000300 sec
 D1 1.50000000 sec
 D4 0.00172414 sec
 D11 0.03000000 sec
 D13 0.00000400 sec
 D16 0.00020000 sec
 D21 0.00345000 sec
 IN0 0.00003105 sec
 ZGPTNS

===== CHANNEL f1 =====
 NUC1 1H
 P1 13.09 usec
 P2 26.18 usec
 P28 1.00 usec
 PL1 -1.00 dB
 PL1W 12.14314651 W
 SFO1 400.132007 MHz

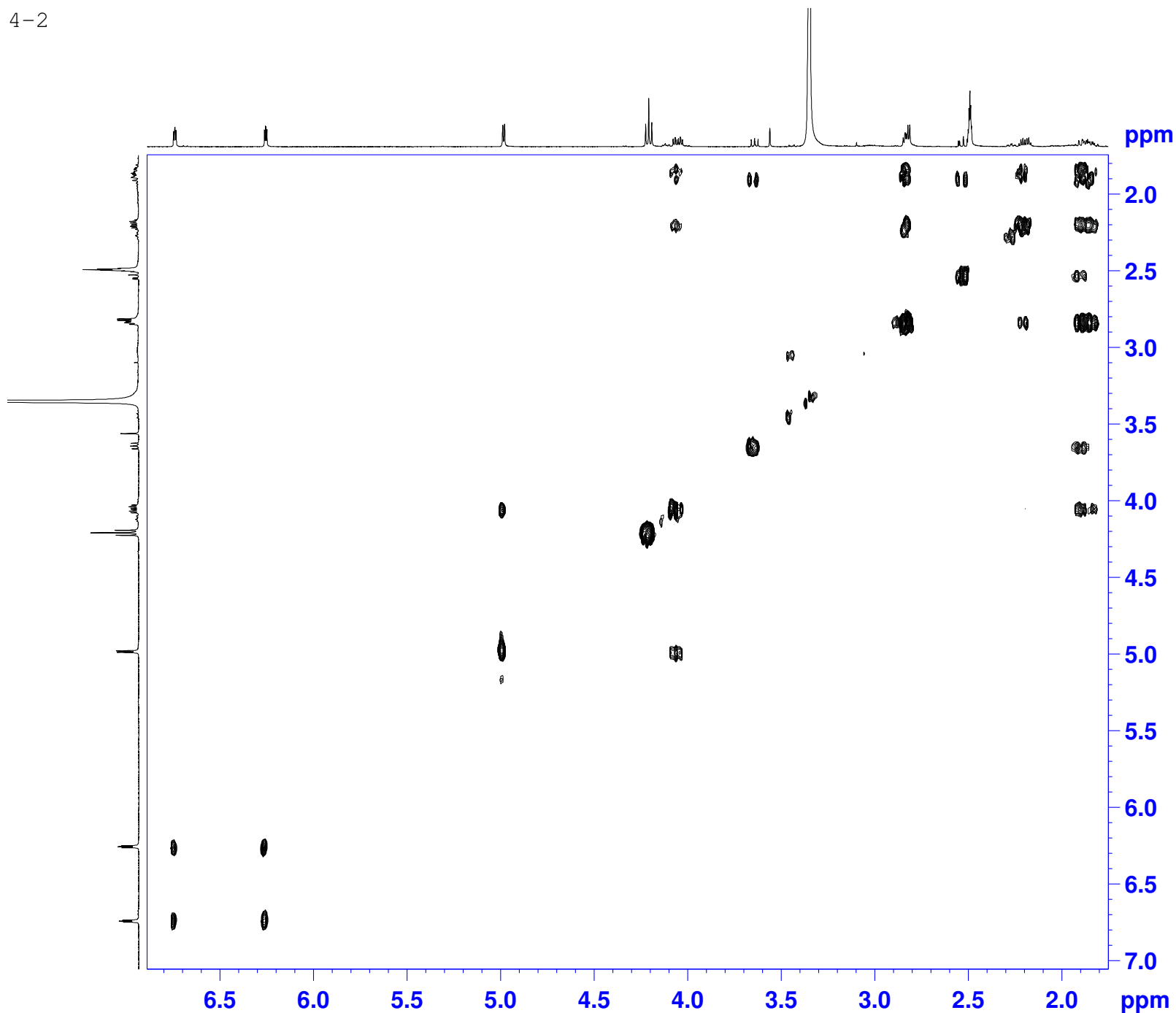
===== CHANNEL f2 =====
 CPDPRG2 garp
 NUC2 13C
 P3 12.37 usec
 P4 24.74 usec
 PCPD2 75.00 usec
 PL2 1.00 dB
 PL12 16.65 dB
 PL2W 28.13319778 W
 PL12W 0.76598305 W
 SFO2 100.6208180 MHz

===== GRADIENT CHANNEL =====
 GPNAM[1] SINE.100
 GPNAM[2] SINE.100
 GPZ1 80.00 %
 GPZ2 20.10 %
 P16 1000.00 usec

F1 - Acquisition parameters
 TD 256
 SFO1 100.6208 MHz
 FIDRES 62.888012 Hz
 SW 160.000 ppm
 FnmODE Echo-Antiecho

F2 - Processing parameters
 SI 1024
 SF 400.1300000 MHz
 WDW QSINE
 SSB 2
 LB 0 Hz
 GB 0
 FC 1.40

F1 - Processing parameters
 SI 1024
 MC2 echo-antiecho
 SF 100.6127690 MHz
 WDW QSINE
 SSB 2
 LB 0 Hz
 GB 0



ppm

2.0

2.5

3.0

3.5

4.0

4.5

5.0

5.5

6.0

6.5

7.0

ppm

Current Data Parameters
 NAME TW43-4-6
 EXPNO 4
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20151107
 Time 3.52
 INSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG cosygpmfzf
 TD 2048
 SOLVENT DMSO
 NS 6
 DS 8
 SWH 4000.000 Hz
 FIDRES 1.953125 Hz
 AQ 0.2560000 sec
 RG 203
 DW 125.000 usec
 DE 6.50 usec
 TE 294.0 K
 D0 0.00000300 sec
 D1 1.93569195 sec
 D13 0.00000400 sec
 D16 0.00020000 sec
 IN0 0.00024990 sec

===== CHANNEL f1 =====
 NUC1 1H
 P1 13.09 usec
 PL1 -1.00 dB
 PL1W 12.14314651 W
 SFO1 400.1320007 MHz

===== GRADIENT CHANNEL =====
 GPNAM[1] SINE.100
 GPNAM[2] SINE.100
 GPNAM[3] SINE.100
 GPZ1 16.00 %
 GPZ2 12.00 %
 GPZ3 40.00 %
 P16 1000.00 usec

F1 - Acquisition parameters
 TD 128
 SFO1 400.132 MHz
 FIDRES 31.260313 Hz
 SW 10.000 ppm
 FnmODE QF

F2 - Processing parameters
 SI 1024
 SF 400.1299958 MHz
 WDW SINE
 SSB 0
 LB 0 Hz
 GB 0
 PC 1.40

F1 - Processing parameters
 SI 1024
 MC2 QF
 SF 400.1299958 MHz
 WDW SINE
 SSB 0
 LB 0 Hz
 GB 0



Current Data Parameters
 NAME TW43-4-6
 EXPNO 5
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20151107
 Time 4.22
 INSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG hmbcgpndqf
 TD 4096
 SOLVENT DMSO
 NS 56
 DS 16
 SWH 4000.000 Hz
 FIDRES 0.976563 Hz
 AQ 0.5120000 sec
 RG 203
 DW 125.000 usec
 DE 6.50 usec
 TE 293.9 K
 CNST13 8.0000000
 D0 0.00000300 sec
 D1 1.37220395 sec
 D6 0.06250000 sec
 D16 0.00020000 sec
 IN0 0.00002485 sec

===== CHANNEL f1 =====
 NUC1 1H
 P1 13.09 usec
 P2 26.18 usec
 PL1 -1.00 dB
 PL1W 12.14314651 W
 SFO1 400.1320007 MHz

===== CHANNEL f2 =====
 NUC2 13C
 P3 12.37 usec
 PL2 1.00 dB
 PL2W 28.13319778 W
 SFO2 100.6228303 MHz

===== GRADIENT CHANNEL =====
 GPNAM[1] SINE.100
 GPNAM[2] SINE.100
 GPNAM[3] SINE.100
 GPZ1 50.00 %
 GPZ2 30.00 %
 GPZ3 40.10 %
 F16 1000.00 usec

F1 - Acquisition parameters
 TD 128
 SFO1 100.6228 MHz
 FIDRES 157.223175 Hz
 SW 200.000 ppm
 FnmODE QF

F2 - Processing parameters
 SI 1024
 SF 400.1299958 MHz
 WDW SINE
 SSB 0
 LB 0 Hz
 GB 0
 PC 1.40

F1 - Processing parameters
 SI 1024
 MC2 QF
 SF 100.6127690 MHz
 WDW SINE
 SSB 0
 LB 0 Hz
 GB 0

