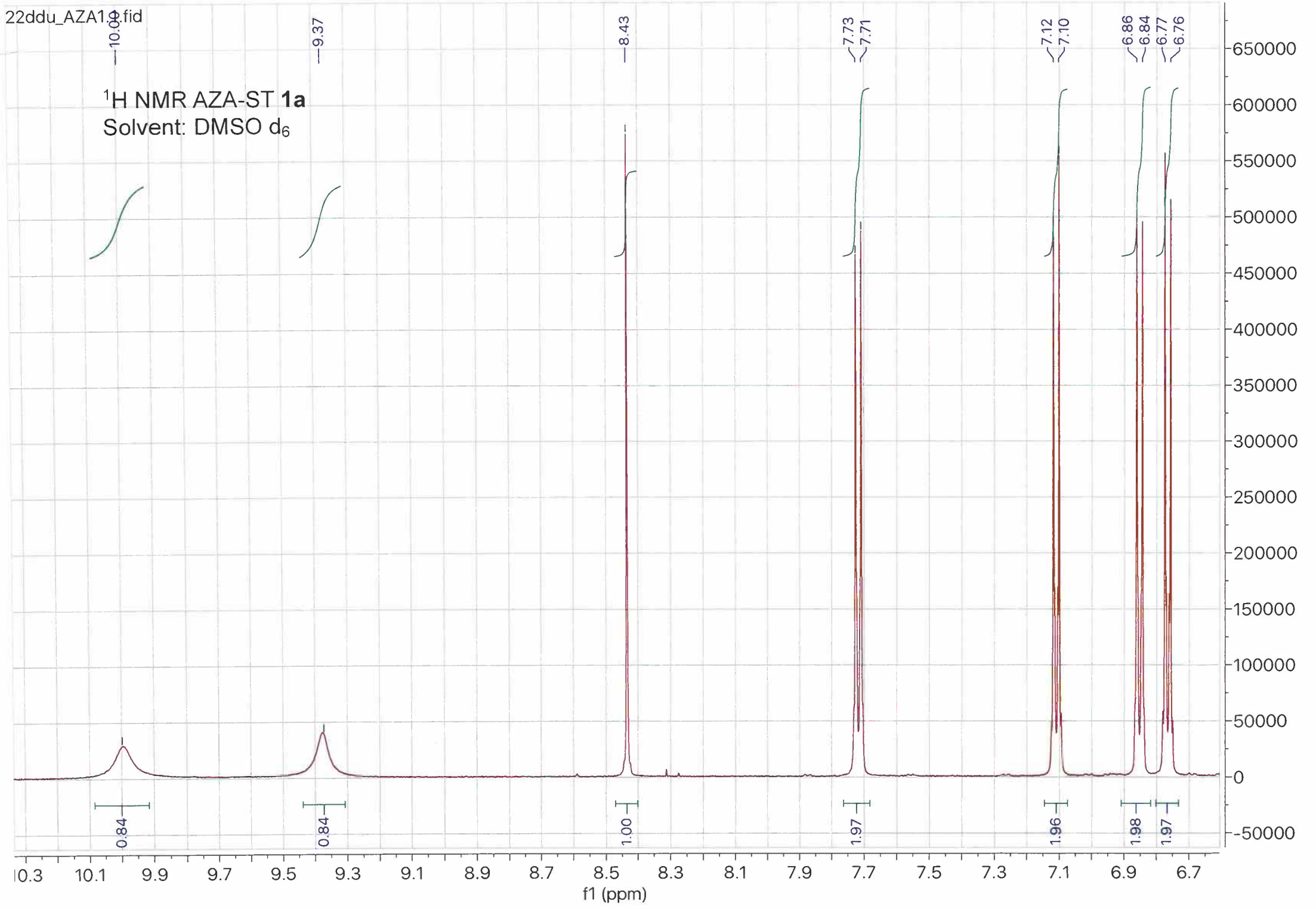
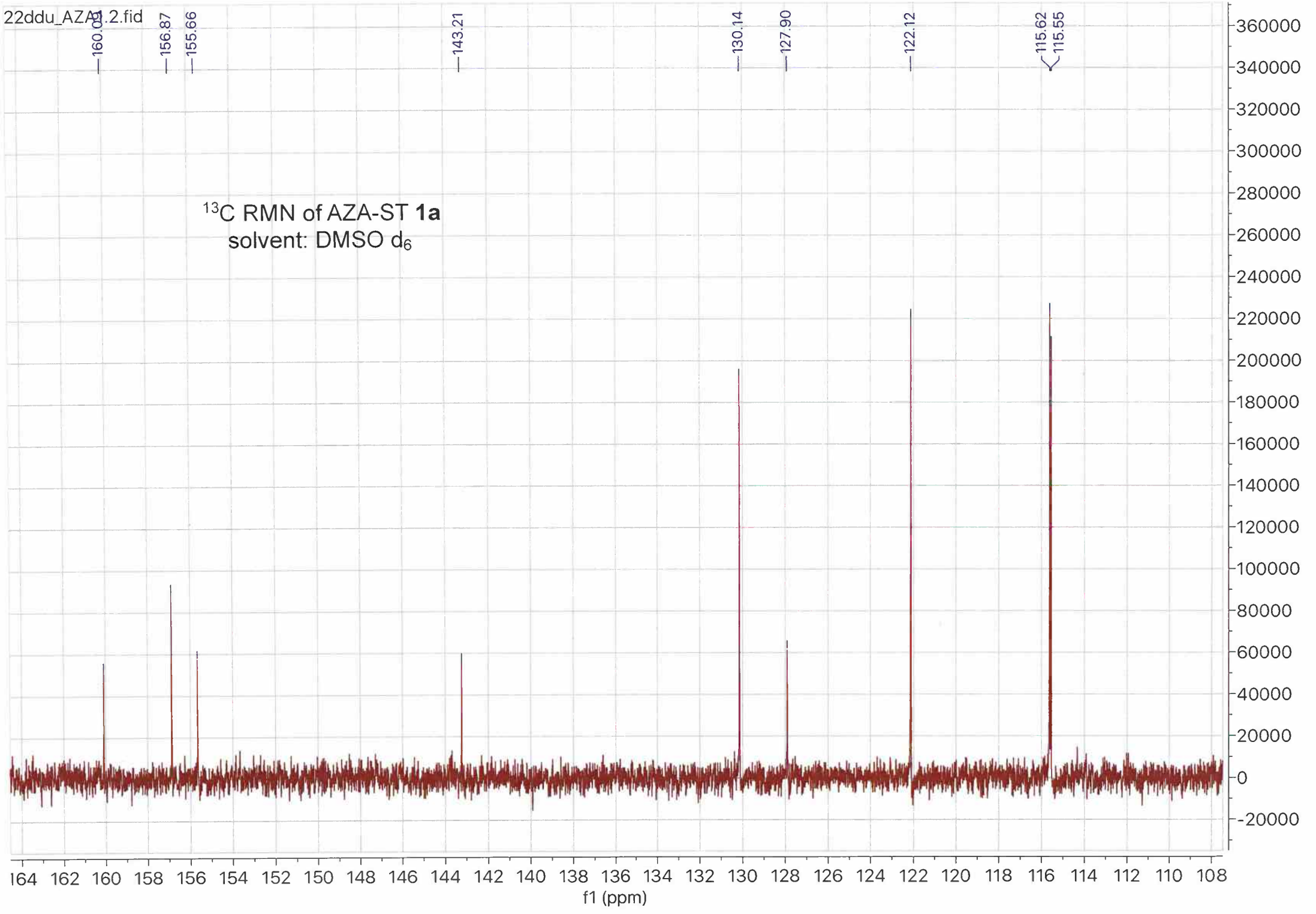
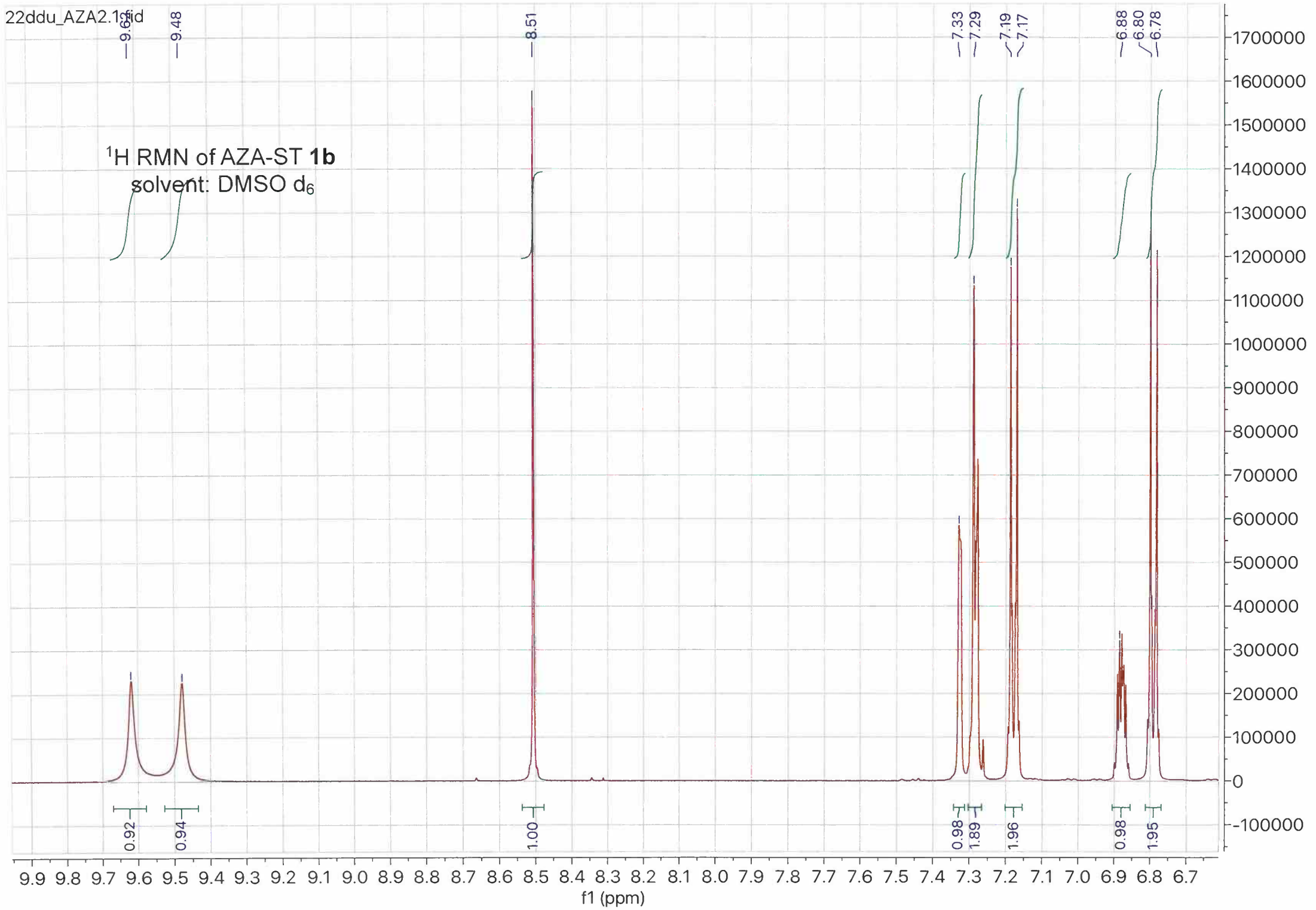
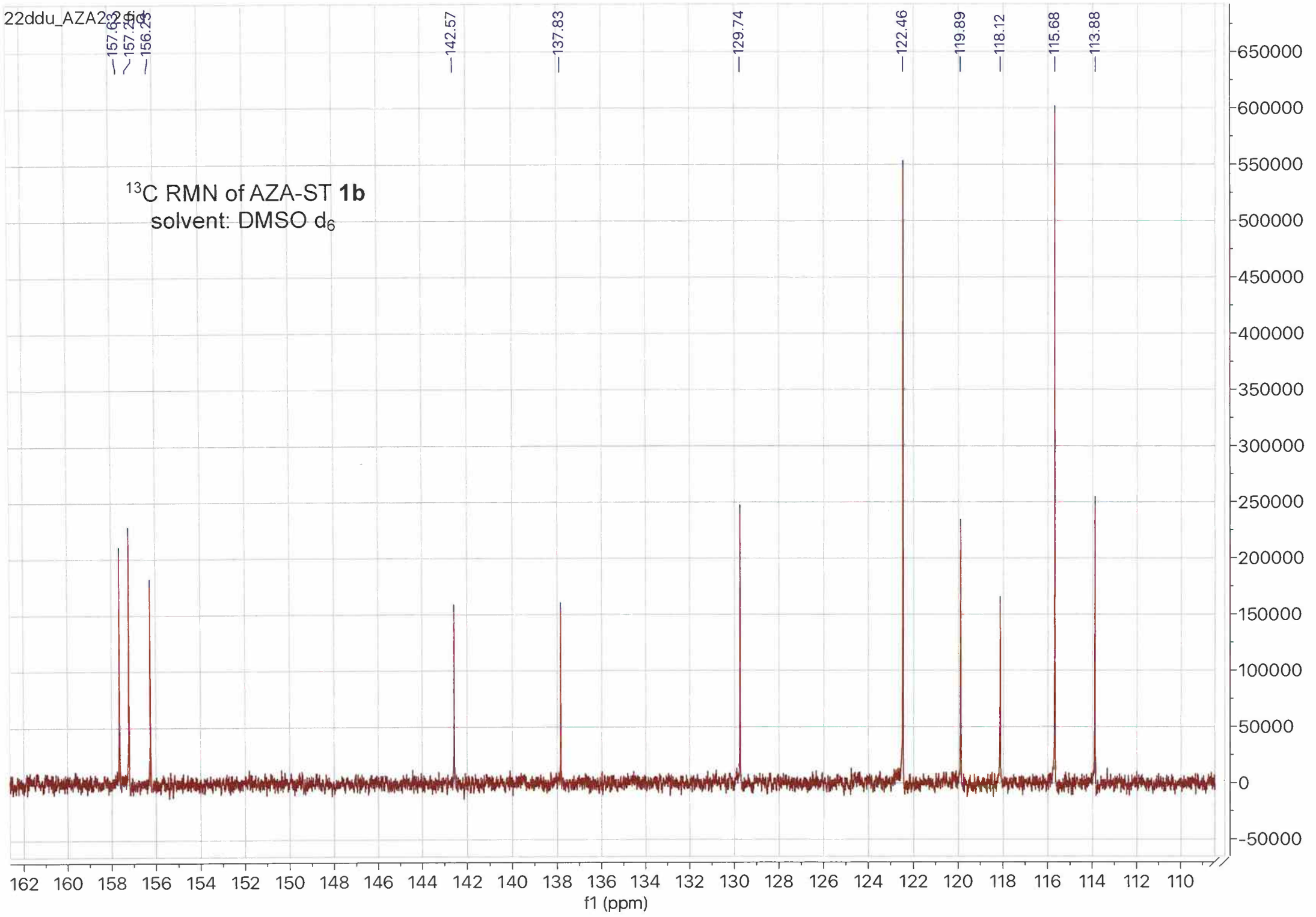
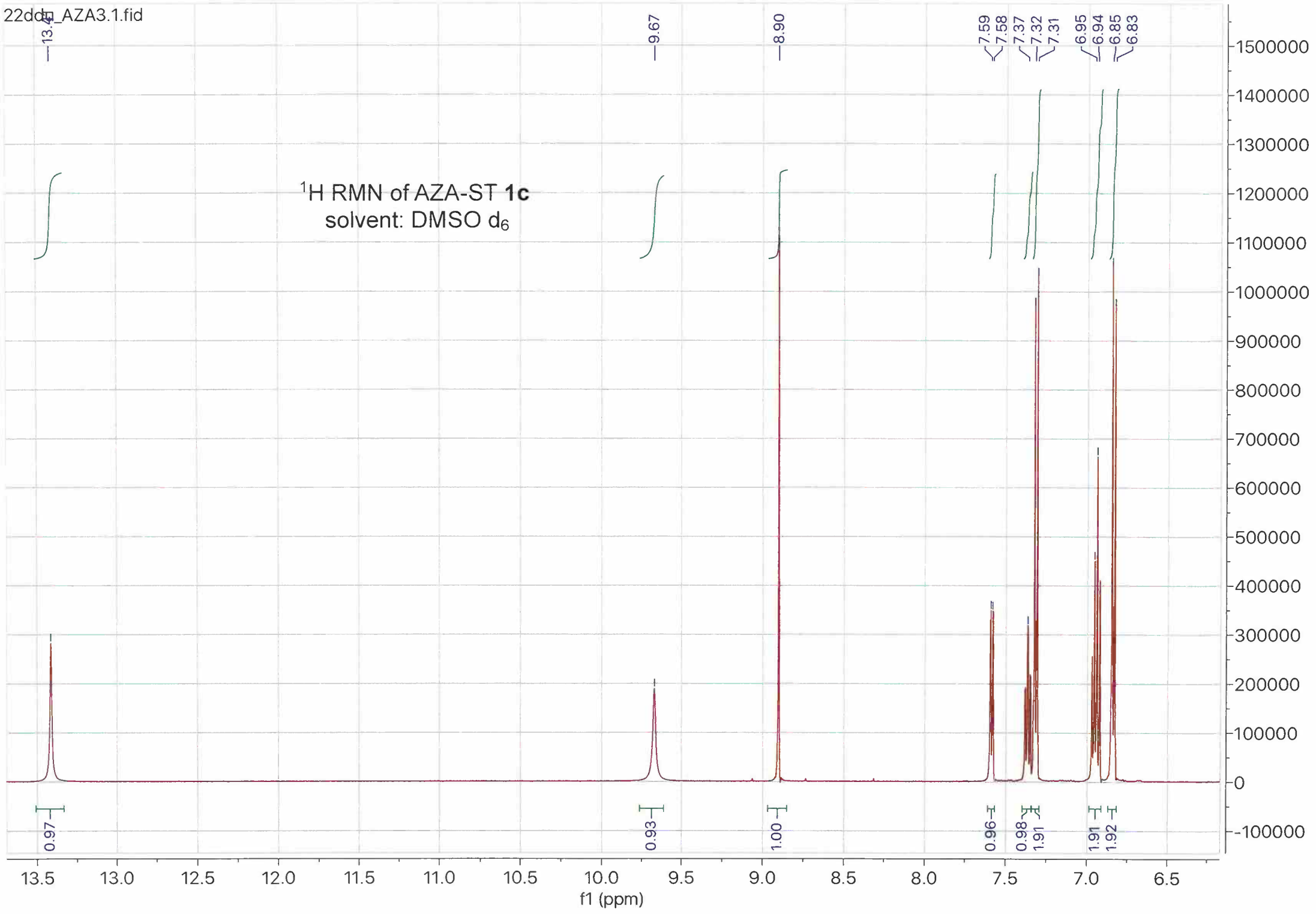
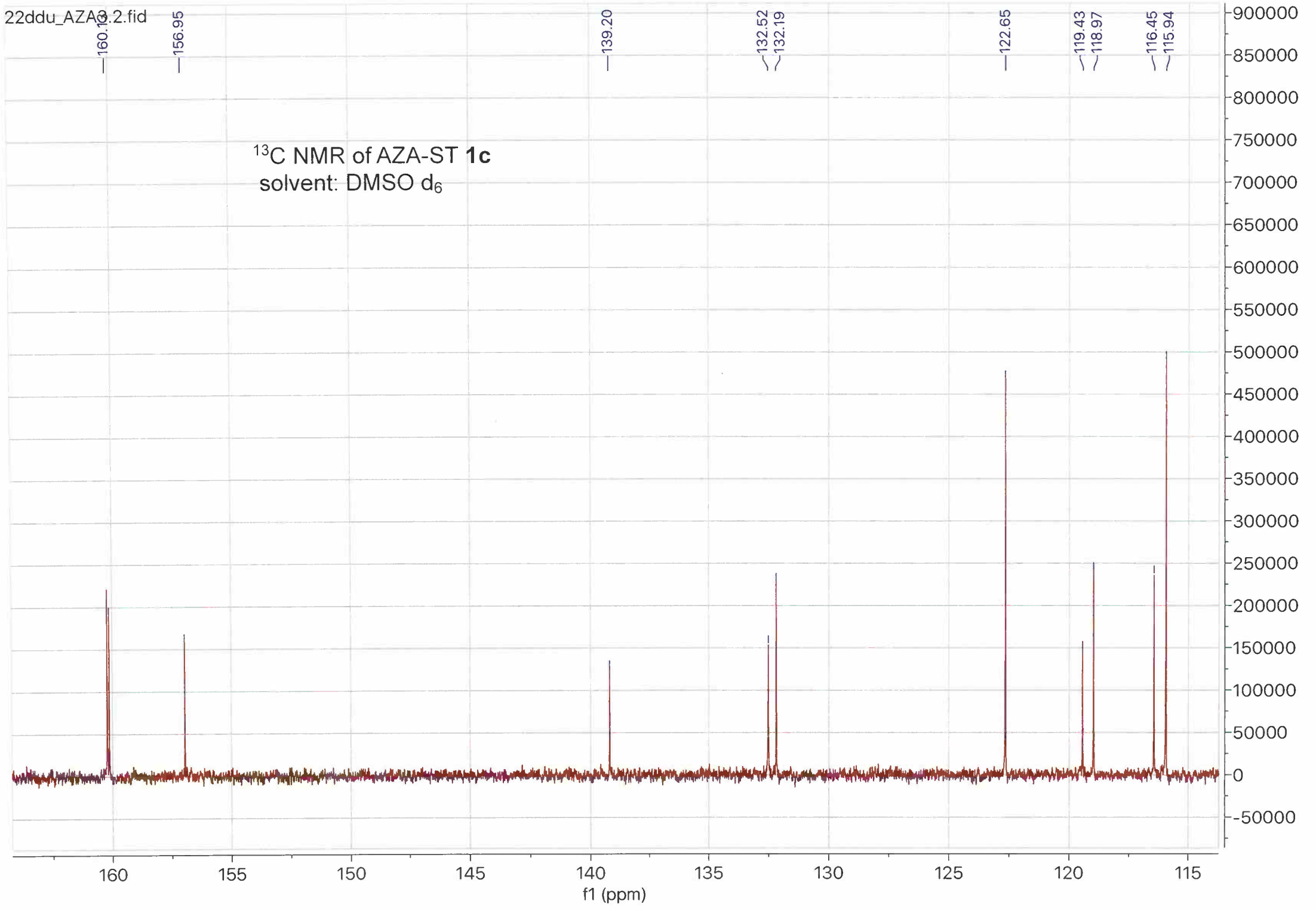

22ddu_AZA1a.fid
^{1}H NMR AZA-ST **1a**
Solvent: DMSO d_6
10.00
9.37
8.43
7.73
7.71
7.12
7.10
6.86
6.84
6.77
6.76
0.84
0.84
1.00
1.97
1.96
1.98
1.97
650000
600000
550000
500000
450000
400000
350000
300000
250000
200000
150000
100000
50000
0
-50000
10.3
10.1
9.9
9.7
9.5
9.3
9.1
8.9
8.7
8.5
8.3
8.1
7.9
7.7
7.5
7.3
7.1
6.9
6.7
f1 (ppm)

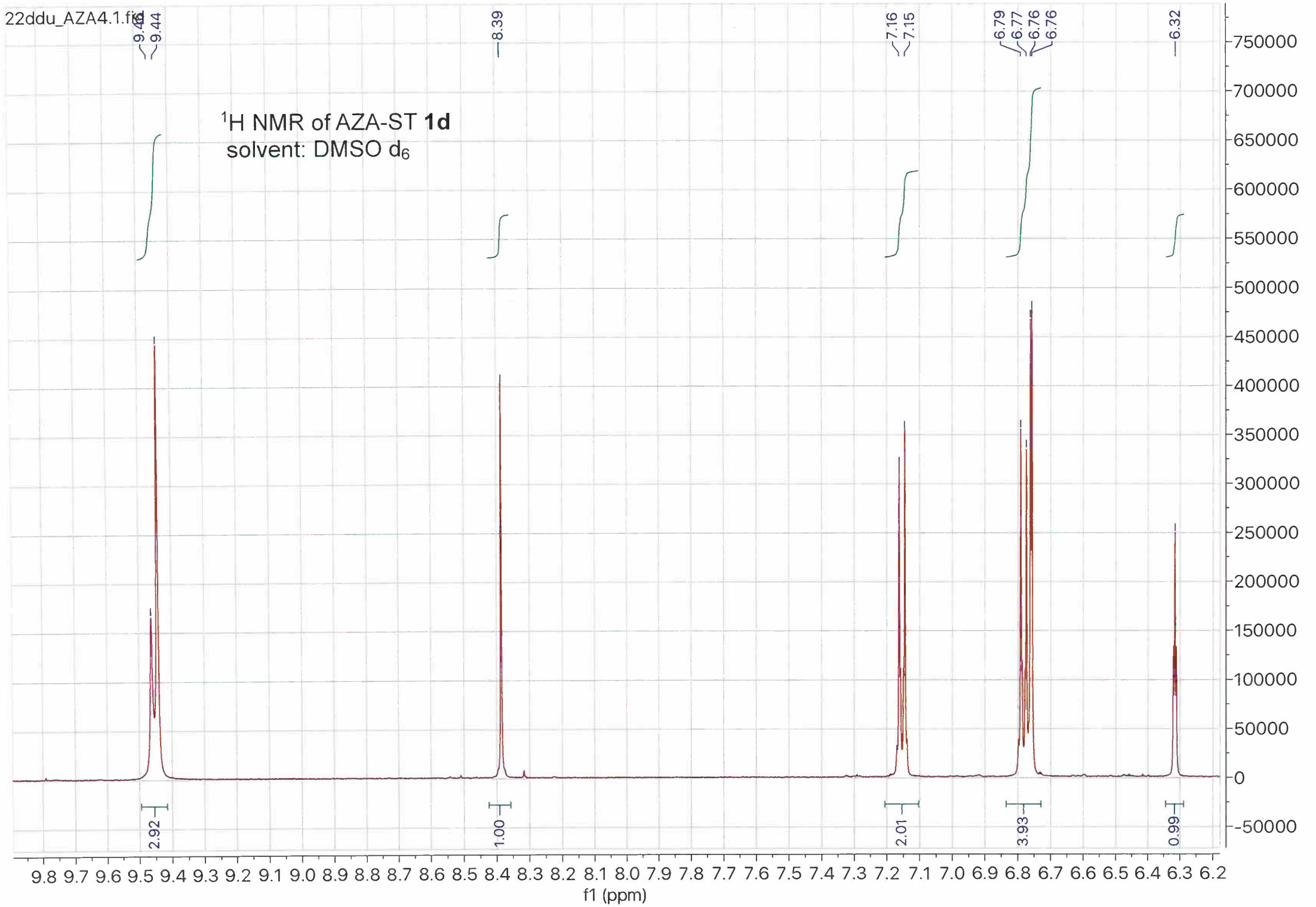

22ddu_AZA1.2.fid
160.01
156.87
155.66
143.21
130.14
127.90
122.12
115.62
115.55
^{13}C RMN of AZA-ST **1a**
solvent: DMSO d_6
360000
340000
320000
300000
280000
260000
240000
220000
200000
180000
160000
140000
120000
100000
80000
60000
40000
20000
0
-20000
164 162 160 158 156 154 152 150 148 146 144 142 140 138 136 134 132 130 128 126 124 122 120 118 116 114 112 110 108
f1 (ppm)

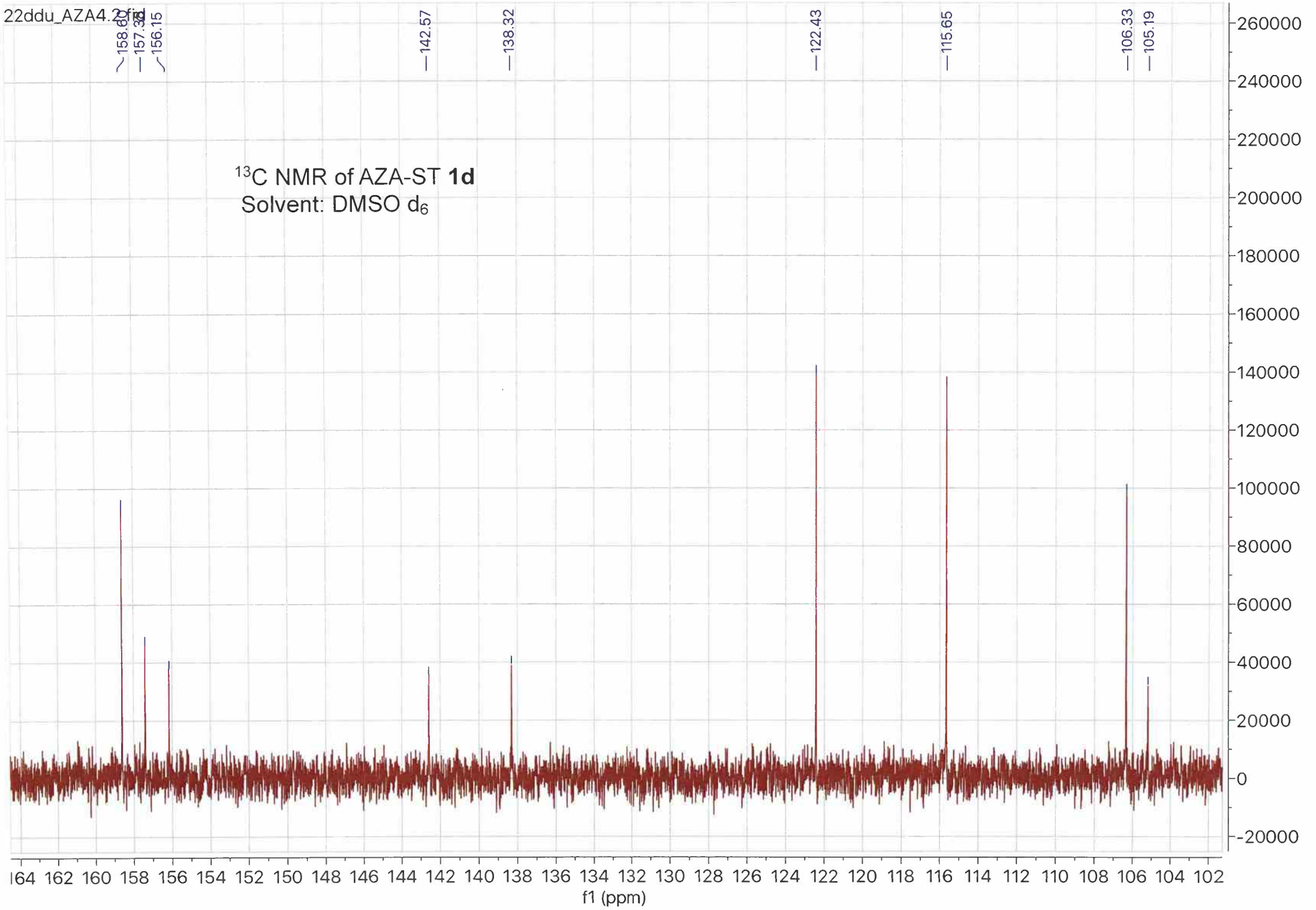

22ddu_AZA2.1.fid
9.62
9.48
8.51
7.33
7.29
7.19
7.17
6.88
6.80
6.78
^{1}H RMN of AZA-ST **1b**
solvent: DMSO d_6
0.92
0.94
1.00
0.98
1.89
1.96
0.98
1.95
f1 (ppm)

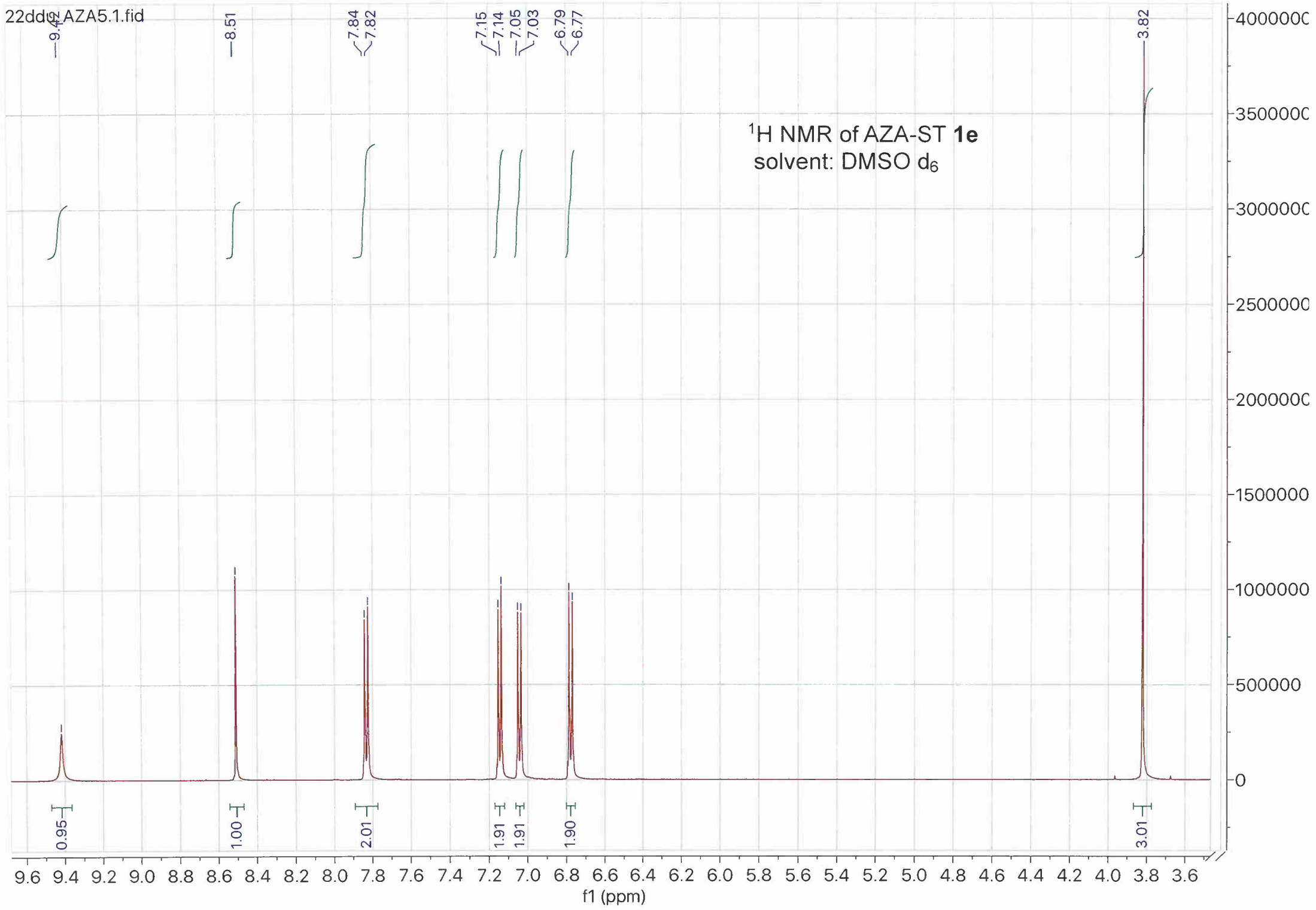

22ddu_AZA2_2.fid
157.63
157.24
156.23
142.57
137.83
129.74
122.46
119.89
118.12
115.68
113.88
^{13}C RMN of AZA-ST **1b**
solvent: DMSO d_6
650000
600000
550000
500000
450000
400000
350000
300000
250000
200000
150000
100000
50000
0
-50000
162 160 158 156 154 152 150 148 146 144 142 140 138 136 134 132 130 128 126 124 122 120 118 116 114 112 110
f1 (ppm)

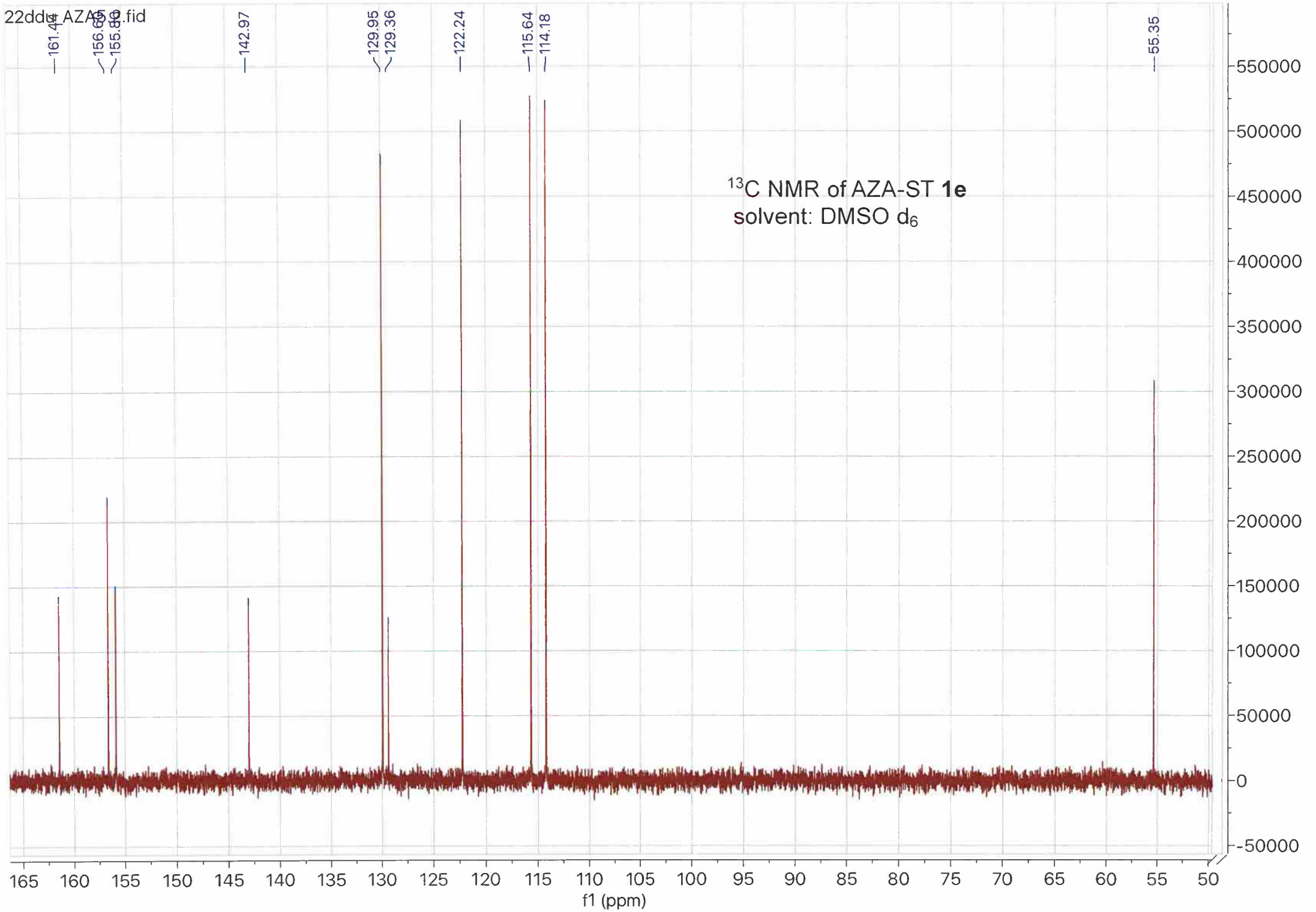

22ddq_AZA3.1.fid
13.41
9.67
8.90
7.59
7.58
7.37
7.32
7.31
6.95
6.94
6.85
6.83
^{1}H RMN of AZA-ST **1c**
solvent: DMSO d_6
0.97
0.93
1.00
0.96
0.98
1.91
1.91
1.92
f1 (ppm)

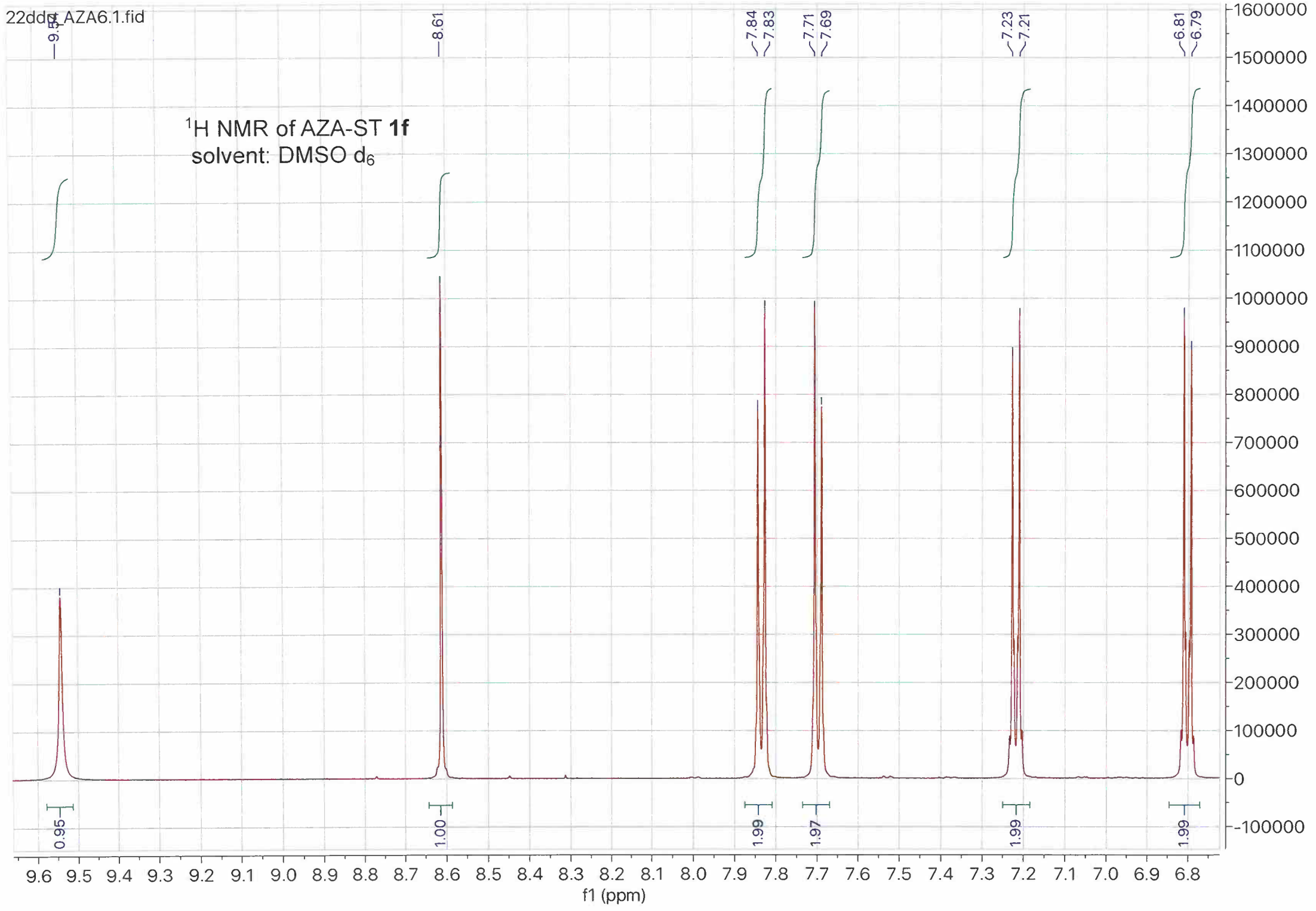

22ddu_AZA3.2.fid
160.13
156.95
139.20
132.52
132.19
122.65
119.43
118.97
116.45
115.94
^{13}C NMR of AZA-ST **1c**
solvent: DMSO d_6
900000
850000
800000
750000
700000
650000
600000
550000
500000
450000
400000
350000
300000
250000
200000
150000
100000
50000
0
-50000
160
155
150
145
140
135
130
125
120
115
f1 (ppm)

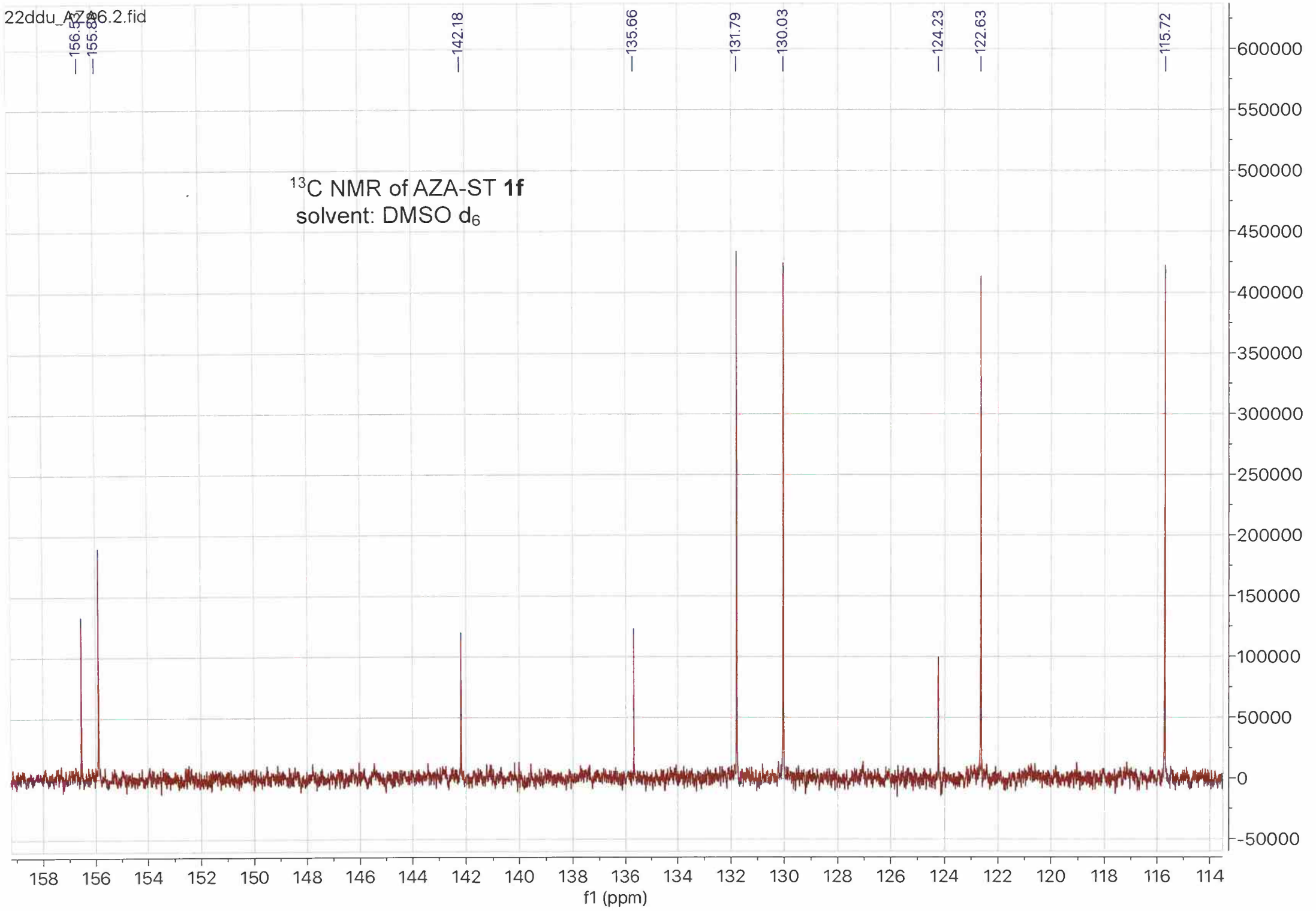

22ddu_AZA4.1.fid
9.45
9.44
8.39
7.16
7.15
6.79
6.77
6.76
6.76
6.32
^{1}H NMR of AZA-ST **1d**
solvent: DMSO d_6
2.92
1.00
2.01
3.93
0.99
f1 (ppm)

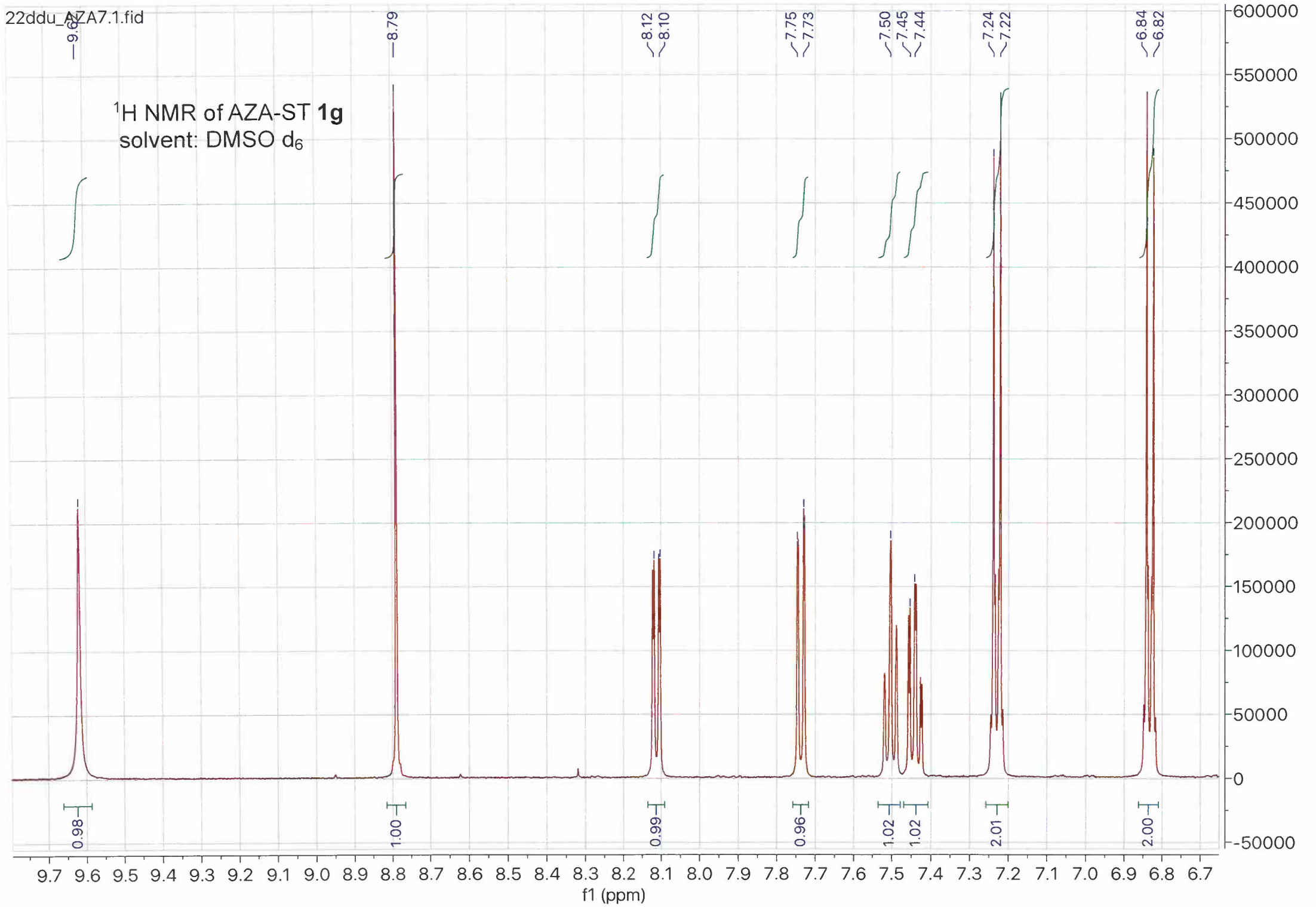

22ddu_AZA4.2.fid
158.62
157.38
156.15
142.57
138.32
122.43
115.65
106.33
105.19
^{13}C NMR of AZA-ST **1d**
Solvent: DMSO d_6
260000
240000
220000
200000
180000
160000
140000
120000
100000
80000
60000
40000
20000
0
-20000
164 162 160 158 156 154 152 150 148 146 144 142 140 138 136 134 132 130 128 126 124 122 120 118 116 114 112 110 108 106 104 102
f1 (ppm)

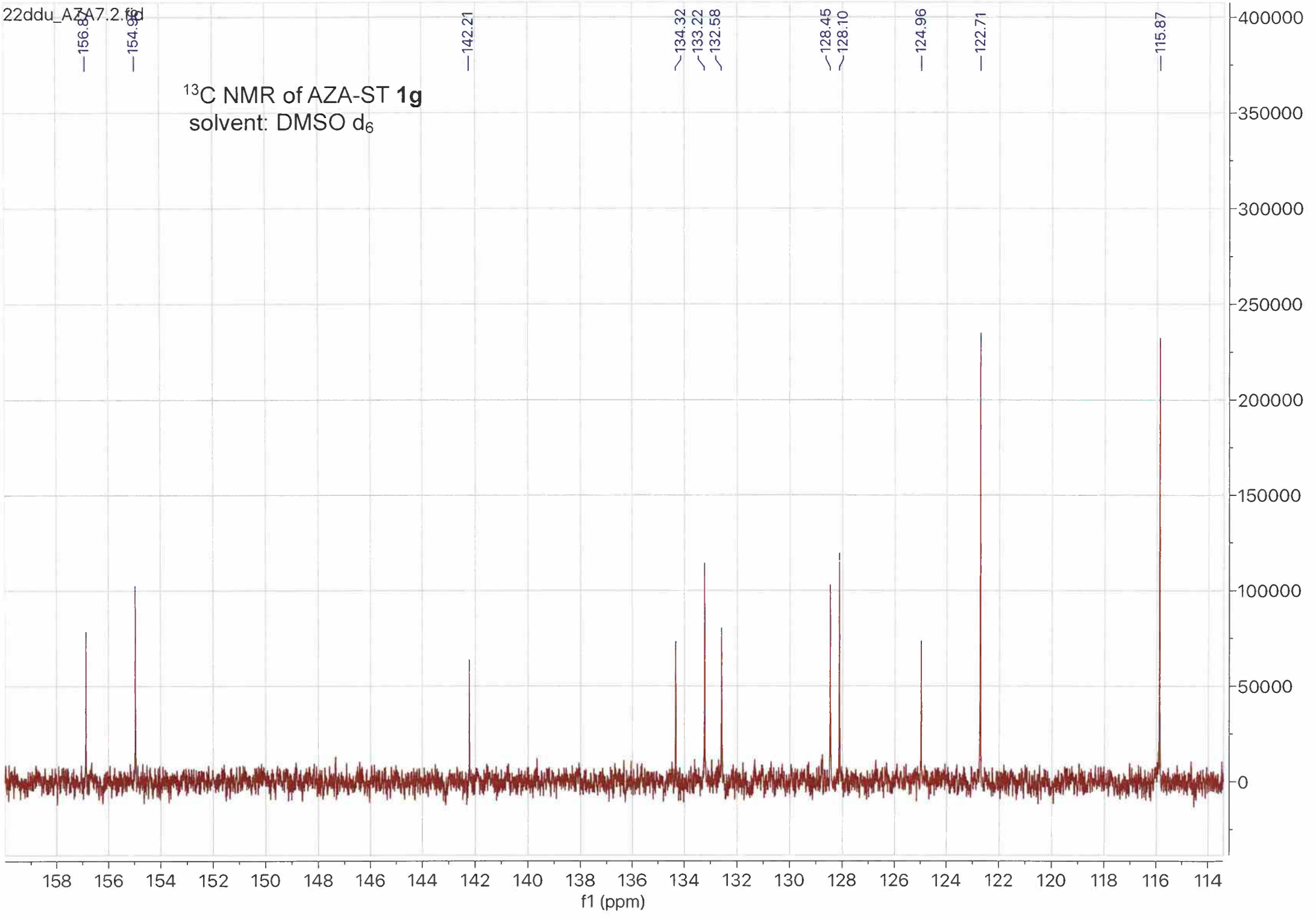

22ddg AZA5.1.fid
9.42
8.51
7.84
7.82
7.15
7.14
7.05
7.03
6.79
6.77
3.82
^{1}H NMR of AZA-ST **1e**
solvent: DMSO d_6
0.95
1.00
2.01
1.91
1.91
1.90
3.01
f1 (ppm)


22ddd AZA-ST 2.fid
161.44
156.65
155.80
142.97
129.95
129.36
122.24
115.64
114.18
55.35
^{13}C NMR of AZA-ST **1e**
solvent: DMSO d_6
550000
500000
450000
400000
350000
300000
250000
200000
150000
100000
50000
0
-50000
165 160 155 150 145 140 135 130 125 120 115 110 105 100 95 90 85 80 75 70 65 60 55 50
f1 (ppm)

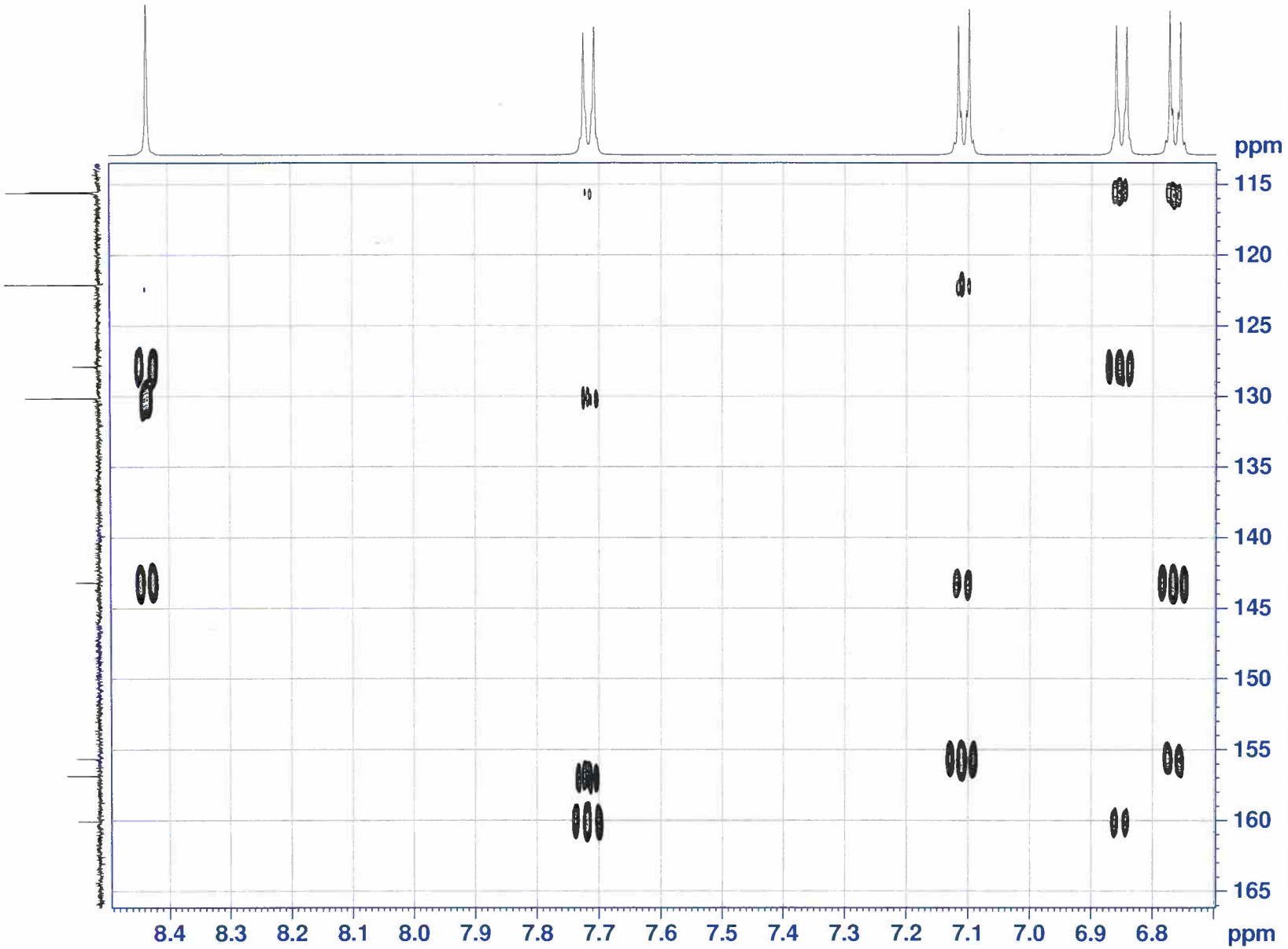

22ddd_AZA6.1.fid
9.54
8.61
7.84
7.83
7.71
7.69
7.23
7.21
6.81
6.79
^{1}H NMR of AZA-ST **1f**
solvent: DMSO d_6
0.95
1.00
1.99
1.97
1.99
1.99
f1 (ppm)


22ddu_AZA6.2.fid
156.51
155.88
142.18
135.66
131.79
130.03
124.23
122.63
115.72
^{13}C NMR of AZA-ST **1f**
solvent: DMSO d_6
600000
550000
500000
450000
400000
350000
300000
250000
200000
150000
100000
50000
0
-50000
158 156 154 152 150 148 146 144 142 140 138 136 134 132 130 128 126 124 122 120 118 116 114
f1 (ppm)


22ddu_AZA7.1.fid
^{1}H NMR of AZA-ST **1g**
solvent: DMSO d_6
9.62
8.79
8.12
8.10
7.75
7.73
7.50
7.45
7.44
7.24
7.22
6.84
6.82
0.98
1.00
0.99
0.96
1.02
1.02
2.01
2.00
f1 (ppm)

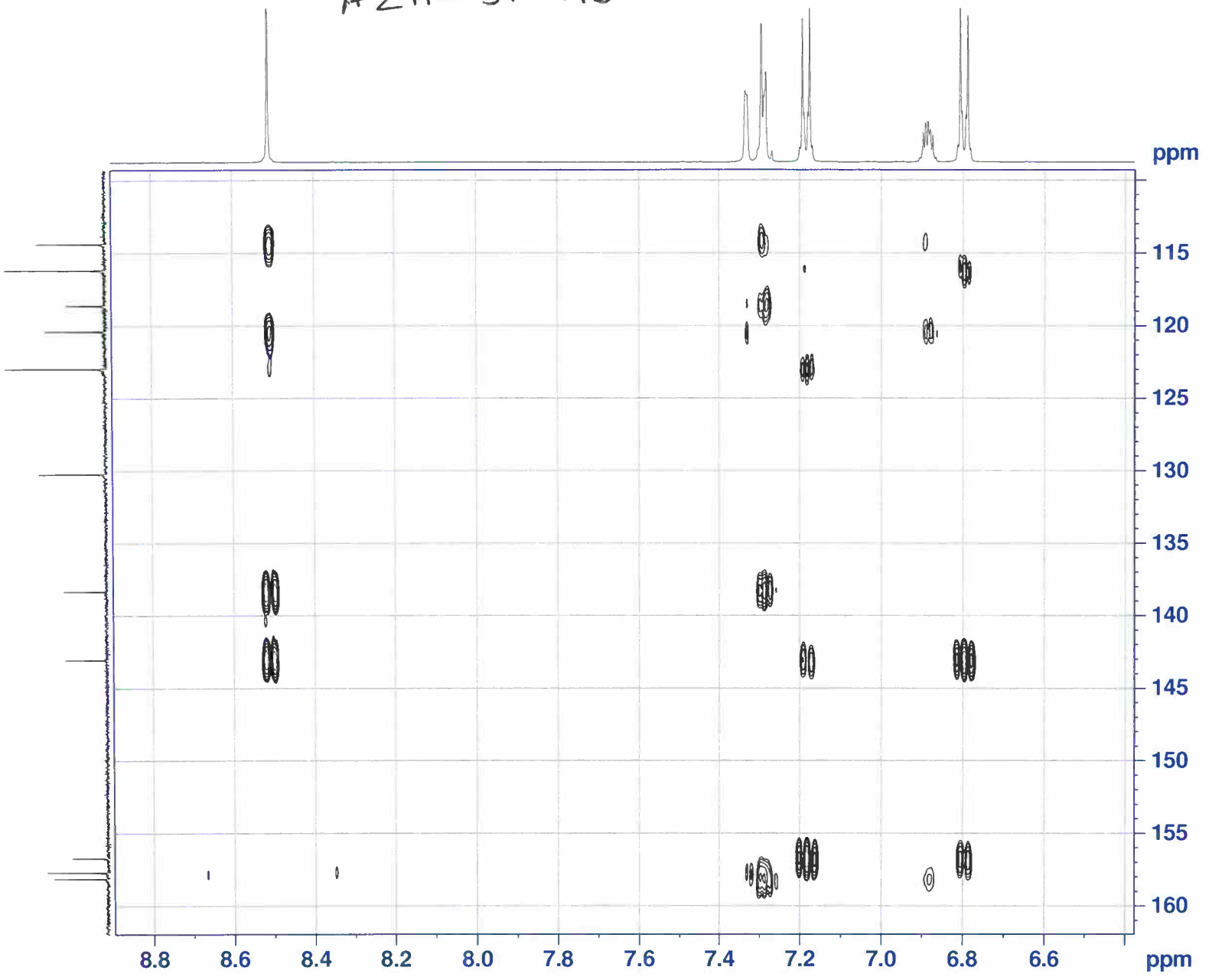

22ddu_AZA7.2.fid
156.85
154.96
142.21
134.32
133.22
132.58
128.45
128.10
124.96
122.71
115.87
^{13}C NMR of AZA-ST **1g**
solvent: DMSO d_6
400000
350000
300000
250000
200000
150000
100000
50000
0
158 156 154 152 150 148 146 144 142 140 138 136 134 132 130 128 126 124 122 120 118 116 114
f1 (ppm)

AZA-ST 1a



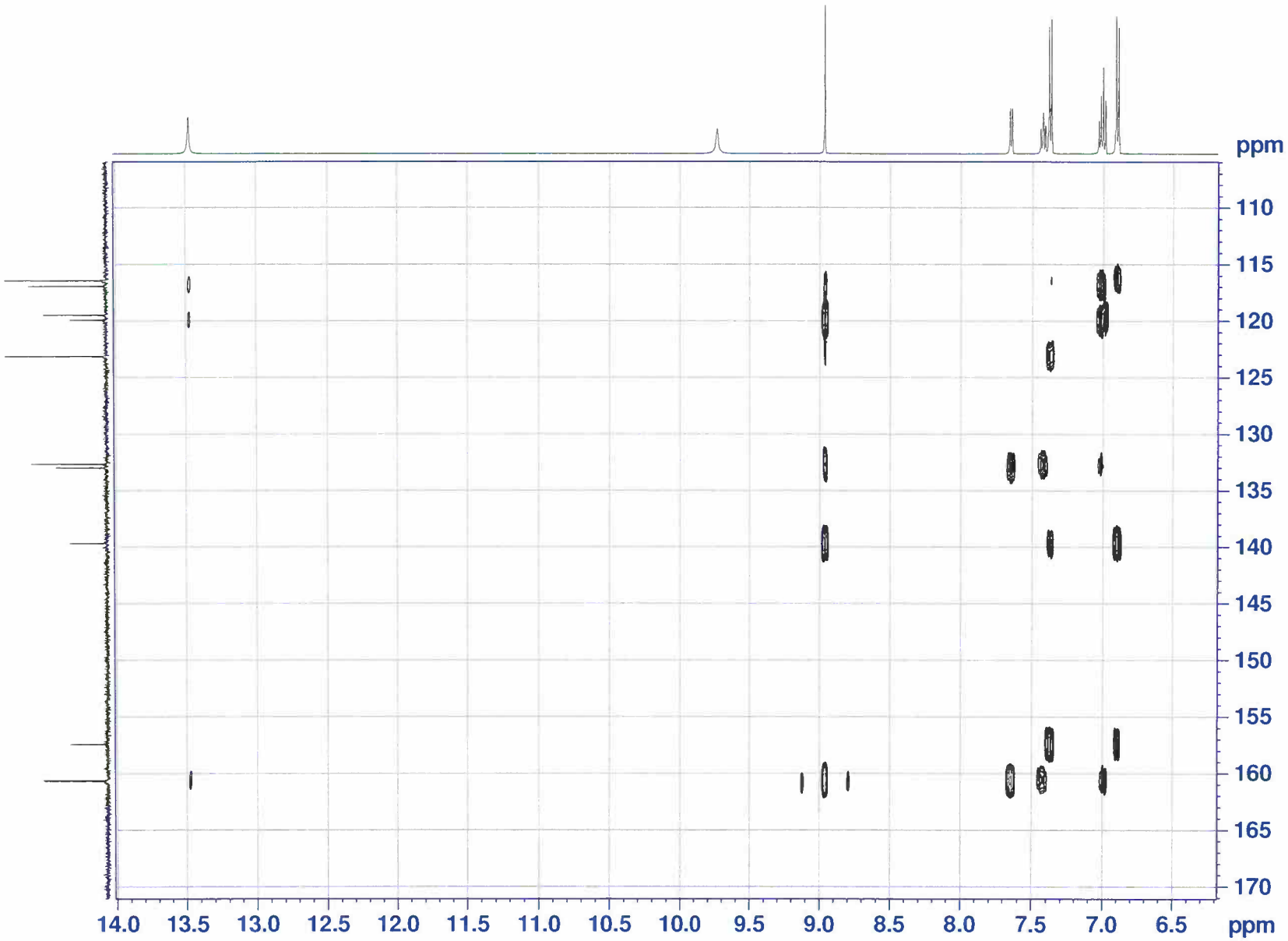

```
Current Data Parameters
NAME          22ddu_AZA1
EXPNO                  7
PROCNO                 1

F2 - Acquisition Parameters
Date_           20220531
Time              21.23 h
INSTRUM       Avance NEO
PROBHD    Z167419_0024 (
PULPROG     hmbcgplpndqf
TD                 4096
SOLVENT            DMSO
NS                   16
DS                   16
SWH            4166.667 Hz
FIDRES         2.034505 Hz
AQ             0.4915200 sec
RG                  101
DW              120.000 usec
DE                6.50 usec
TE                297.9 K
CNST2         145.0000000
CNST13         10.0000000
D0             0.00000300 sec
D1             1.50000000 sec
D2             0.00344828 sec
D6             0.05000000 sec
D16            0.00020000 sec
IN0            0.00001809 sec
TDav                   1
SFO1          499.8729707 MHz
NUC1                  1H
P1                 9.73 usec
P2                19.46 usec
PLW1          32.18000031 W
SFO2          125.7049807 MHz
NUC2                 13C
P3                 9.00 usec
PLW2          106.93000031 W
GPNAM[1]       SMSQ10.100
GPZ1              50.00 %
GPNAM[2]       SMSQ10.100
GPZ2              30.00 %
GPNAM[3]       SMSQ10.100
GPZ3              40.10 %
P16             1000.00 usec

======== F1 INDIRECT DIMENSION ========
td1          128
sw_F1        220.000000

F1 - Acquisition parameters
TD                   128
SFO1          125.705 MHz
FIDRES        432.077423 Hz
SW               219.983 ppm
FnMODE                QF

F2 - Processing parameters
SI                  4096
SF            499.8700018 MHz
WDW                QSINE
SSB                    0
LB                     0 Hz
GB                     0
PC                  1.40

F1 - Processing parameters
SI                  1024
MC2                   QF
SF            125.6924703 MHz
WDW                QSINE
SSB                    0
LB                     0 Hz
GB                     0
```

AZA-ST 1b



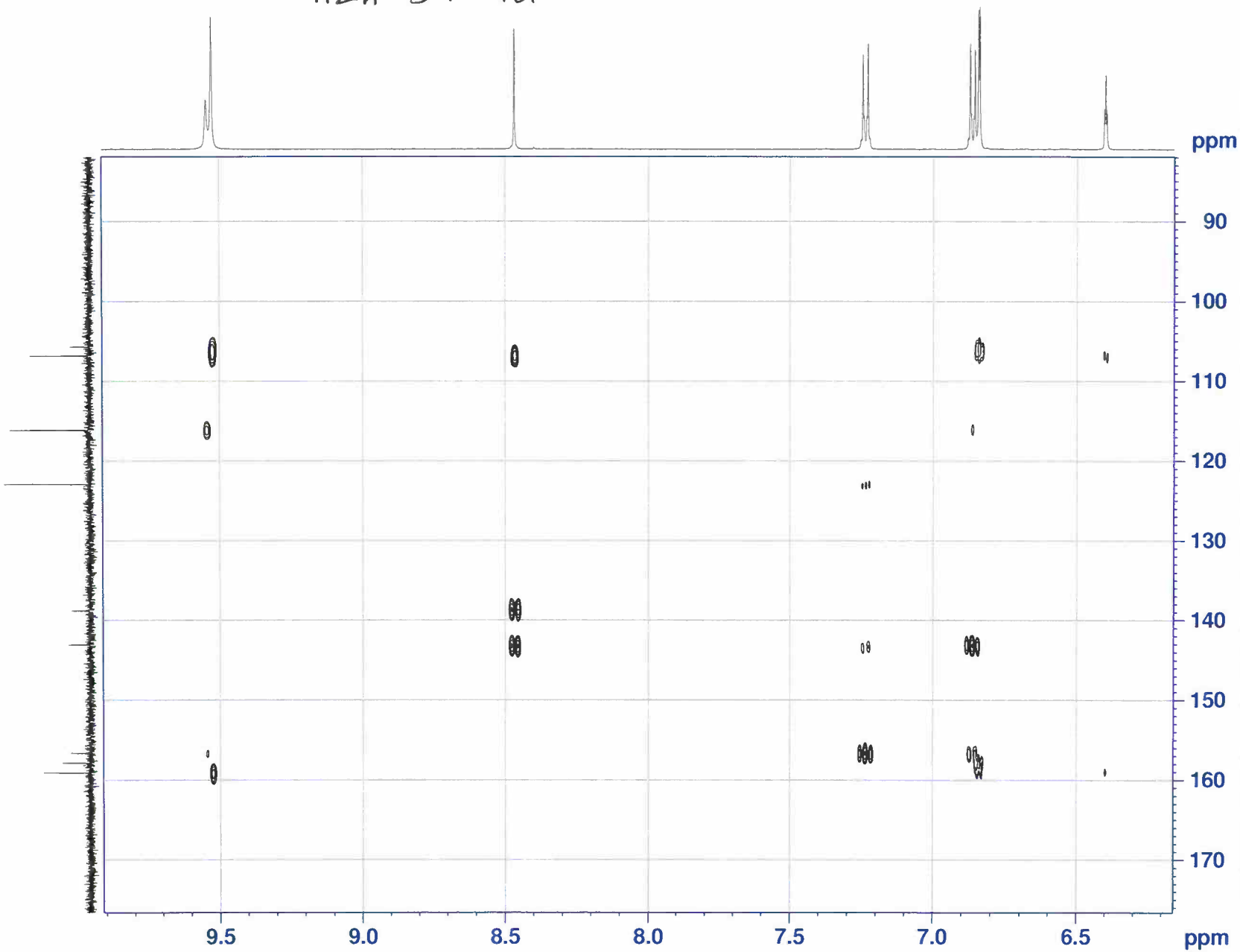

```
Current Data Parameters
NAME          22ddu_AZA2
EXPNO                  7
PROCNO                 1

F2 - Acquisition Parameters
Date_           20220531
Time               23.41 h
INSTRUM       Avance NEO
PROBHD    Z167419_0024 (
PULPROG     hmbcgplpndqf
TD                 4096
SOLVENT            DMSO
NS                   16
DS                   16
SWH            5263.158 Hz
FIDRES         2.569901 Hz
AQ             0.3891200 sec
RG                  101
DW                 95.000 usec
DE                  6.50 usec
TE                297.9 K
CNST2         145.0000000
CNST13         10.0000000
D0             0.00000300 sec
D1             1.50000000 sec
D2             0.00344828 sec
D6             0.05000000 sec
D16            0.00020000 sec
IN0            0.00001809 sec
TDav                   1
SFO1          499.8726683 MHz
NUC1                  1H
P1                 9.73 usec
P2                19.46 usec
PLW1          32.18000031 W
SFO2          125.7049807 MHz
NUC2                  13C
P3                 9.00 usec
PLW2          106.93000031 W
GPNAM[1]       SMSQ10.100
GPZ1                50.00 %
GPNAM[2]       SMSQ10.100
GPZ2                30.00 %
GPNAM[3]       SMSQ10.100
GPZ3                40.10 %
P16              1000.00 usec

======== F1 INDIRECT DIMENSION ========
td1       128
sw_F1     220.000000

F1 - Acquisition parameters
TD                  128
SFO1            125.705 MHz
FIDRES        432.077423 Hz
SW              219.983 ppm
FnMODE                QF

F2 - Processing parameters
SI                 4096
SF          499.8700000 MHz
WDW                QSINE
SSB                    0
LB                     0 Hz
GB                     0
PC                  1.40

F1 - Processing parameters
SI                 1024
MC2                  QF
SF          125.6924115 MHz
WDW                QSINE
SSB                    0
LB                     0 Hz
GB                     0
```

AZA-ST 1c



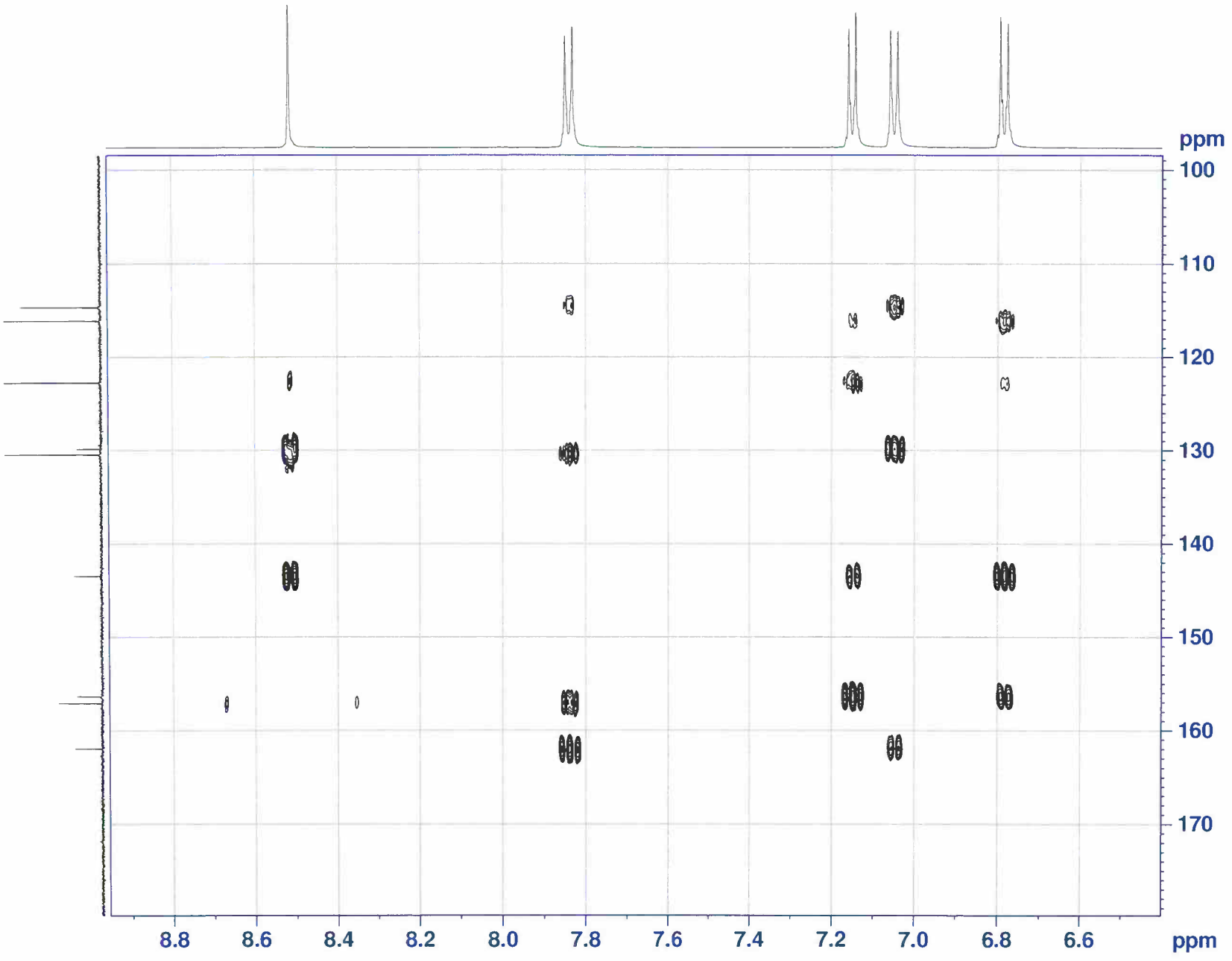

```
Current Data Parameters
NAME                 22ddu_AZA3
EXPNO                         7
PROCNO                        1

F2 - Acquisition Parameters
Date_               20220601
Time                     1.56 h
INSTRUM              Avance NEO
PROBHD     Z167419_0024 (
PULPROG          hmbcgplpndqf
TD                       4096
SOLVENT                  DMSO
NS                         16
DS                         16
SWH                  7462.687 Hz
FIDRES               3.643890 Hz
AQ                   0.2744320 sec
RG                         101
DW                    67.000 usec
DE                     6.50 usec
TE                    297.9 K
CNST2              145.0000000
CNST13              10.0000000
D0                   0.00000300 sec
D1                   1.50000000 sec
D2                   0.00344828 sec
D6                   0.05000000 sec
D16                  0.00020000 sec
IN0                  0.00001809 sec
TDav                         1
SFO1               499.8736628 MHz
NUC1                        1H
P1                     9.73 usec
P2                    19.46 usec
PLW1              32.18000031 W
SFO2              125.7049807 MHz
NUC2                        13C
P3                     9.00 usec
PLW2              106.93000031 W
GPNAM[1]           SMSQ10.100
GPZ1                    50.00 %
GPNAM[2]           SMSQ10.100
GPZ2                    30.00 %
GPNAM[3]           SMSQ10.100
GPZ3                    40.10 %
P16                  1000.00 usec

======== F1 INDIRECT DIMENSION ========
td1             128
sw_F1           220.000000

F1 - Acquisition parameters
TD                       128
SFO1                125.705 MHz
FIDRES              432.077423 Hz
SW                  219.983 ppm
FnMODE                     QF

F2 - Processing parameters
SI                       4096
SF                499.8699721 MHz
WDW                     QSINE
SSB                          0
LB                           0 Hz
GB                           0
PC                        1.40

F1 - Processing parameters
SI                       1024
MC2                        QF
SF                125.6924115 MHz
WDW                     QSINE
SSB                          0
LB                           0 Hz
GB                           0
```

A2A-ST 1d



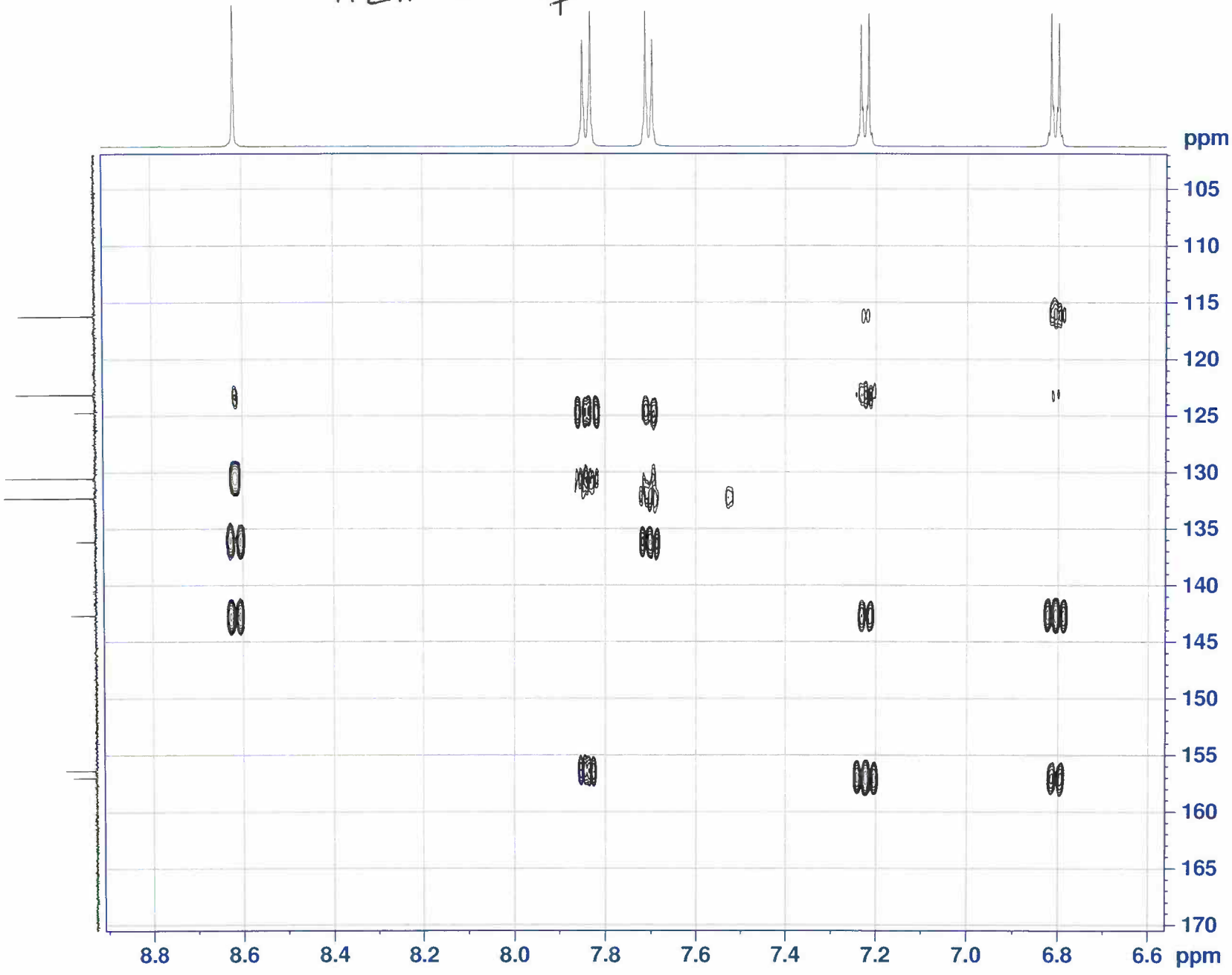

```
Current Data Parameters
NAME          22ddu_AZA4
EXPNO                  7
PROCNO                 1

F2 - Acquisition Parameters
Date_           20220601
Time                4.18 h
INSTRUM       Avance NEO
PROBHD   Z167419_0024 (
PULPROG    hmbcgplpndqf
TD                 4096
SOLVENT             DMSO
NS                    16
DS                    16
SWH             5882.353 Hz
FIDRES          2.872243 Hz
AQ             0.3481600 sec
RG                   101
DW                85.000 usec
DE                 6.50 usec
TE                297.9 K
CNST2         145.0000000
CNST13         10.0000000
D0             0.00000300 sec
D1             1.50000000 sec
D2             0.00344828 sec
D6             0.05000000 sec
D16            0.00020000 sec
IN0            0.00001809 sec
TDav                   1
SFO1          499.8723458 MHz
NUC1                  1H
P1                 9.73 usec
P2                19.46 usec
PLW1          32.18000031 W
SFO2          125.7049807 MHz
NUC2                  13C
P3                 9.00 usec
PLW2          106.93000031 W
GPNAM[1]       SMSQ10.100
GPZ1                50.00 %
GPNAM[2]       SMSQ10.100
GPZ2                30.00 %
GPNAM[3]       SMSQ10.100
GPZ3                40.10 %
P16              1000.00 usec

======== F1 INDIRECT DIMENSION ========
td1       128
sw_F1     220.000000

F1 - Acquisition parameters
TD                   128
SFO1          125.705 MHz
FIDRES        432.077423 Hz
SW               219.983 ppm
FnMODE                QF

F2 - Processing parameters
SI                  4096
SF           499.8699593 MHz
WDW                 QSINE
SSB                     0
LB                      0 Hz
GB                      0
PC                   1.40

F1 - Processing parameters
SI                  1024
MC2                   QF
SF           125.6924115 MHz
WDW                 QSINE
SSB                     0
LB                      0 Hz
GB                      0
```

AZA-ST 1e



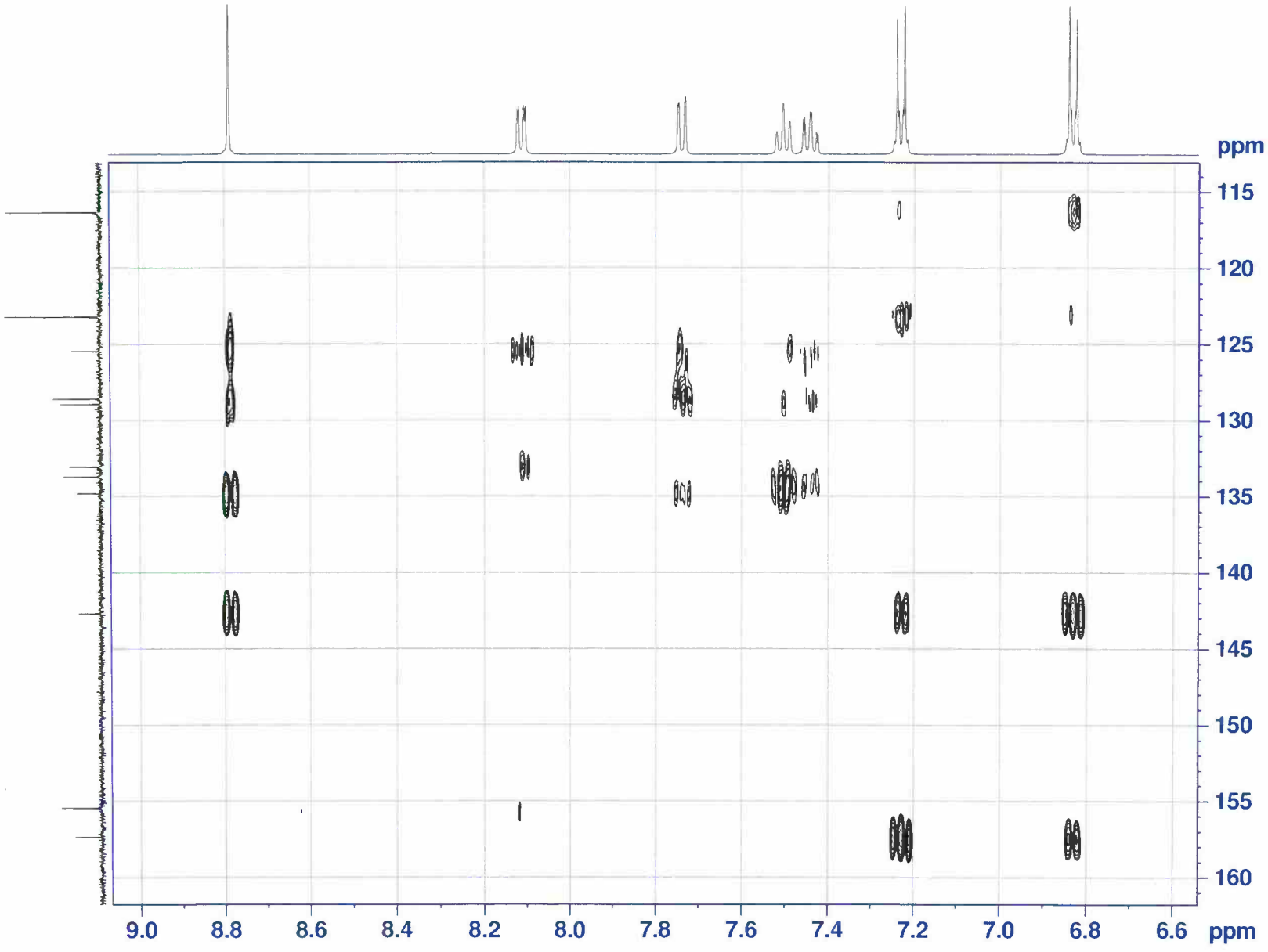

```
Current Data Parameters
NAME                 22ddu_AZA5
EXPNO                         7
PROCNO                        1

F2 - Acquisition Parameters
Date_                  20220601
Time                       6.41 h
INSTRUM              Avance NEO
PROBHD         Z167419_0024 (
PULPROG          hmbcgplpndqf
TD                         4096
SOLVENT                   DMSO
NS                           16
DS                           16
SWH                  4166.667 Hz
FIDRES               2.034505 Hz
AQ                   0.4915200 sec
RG                         101
DW                     120.000 usec
DE                       6.50 usec
TE                       297.9 K
CNST2                145.0000000
CNST13                10.0000000
D0                   0.00000300 sec
D1                   1.50000000 sec
D2                   0.00344828 sec
D6                   0.05000000 sec
D16                  0.00020000 sec
IN0                  0.00001809 sec
TDav                         1
SFO1                499.8729821 MHz
NUC1                        1H
P1                         9.73 usec
P2                        19.46 usec
PLW1                32.18000031 W
SFO2                125.7049807 MHz
NUC2                        13C
P3                         9.00 usec
PLW2               106.93000031 W
GPNAM[1]             SMSQ10.100
GPZ1                      50.00 %
GPNAM[2]             SMSQ10.100
GPZ2                      30.00 %
GPNAM[3]             SMSQ10.100
GPZ3                      40.10 %
P16                     1000.00 usec

======== F1 INDIRECT DIMENSION ========
td1          128
sw_F1        220.000000

F1 - Acquisition parameters
TD                         128
SFO1                125.705 MHz
FIDRES              432.077423 Hz
SW                  219.983 ppm
FnMODE                     QF

F2 - Processing parameters
SI                         4096
SF                  499.8700000 MHz
WDW                      QSINE
SSB                          0
LB                           0 Hz
GB                           0
PC                        1.40

F1 - Processing parameters
SI                         1024
MC2                        QF
SF                  125.6924115 MHz
WDW                      QSINE
SSB                          0
LB                           0 Hz
GB                           0
```

AZA-ST 1f

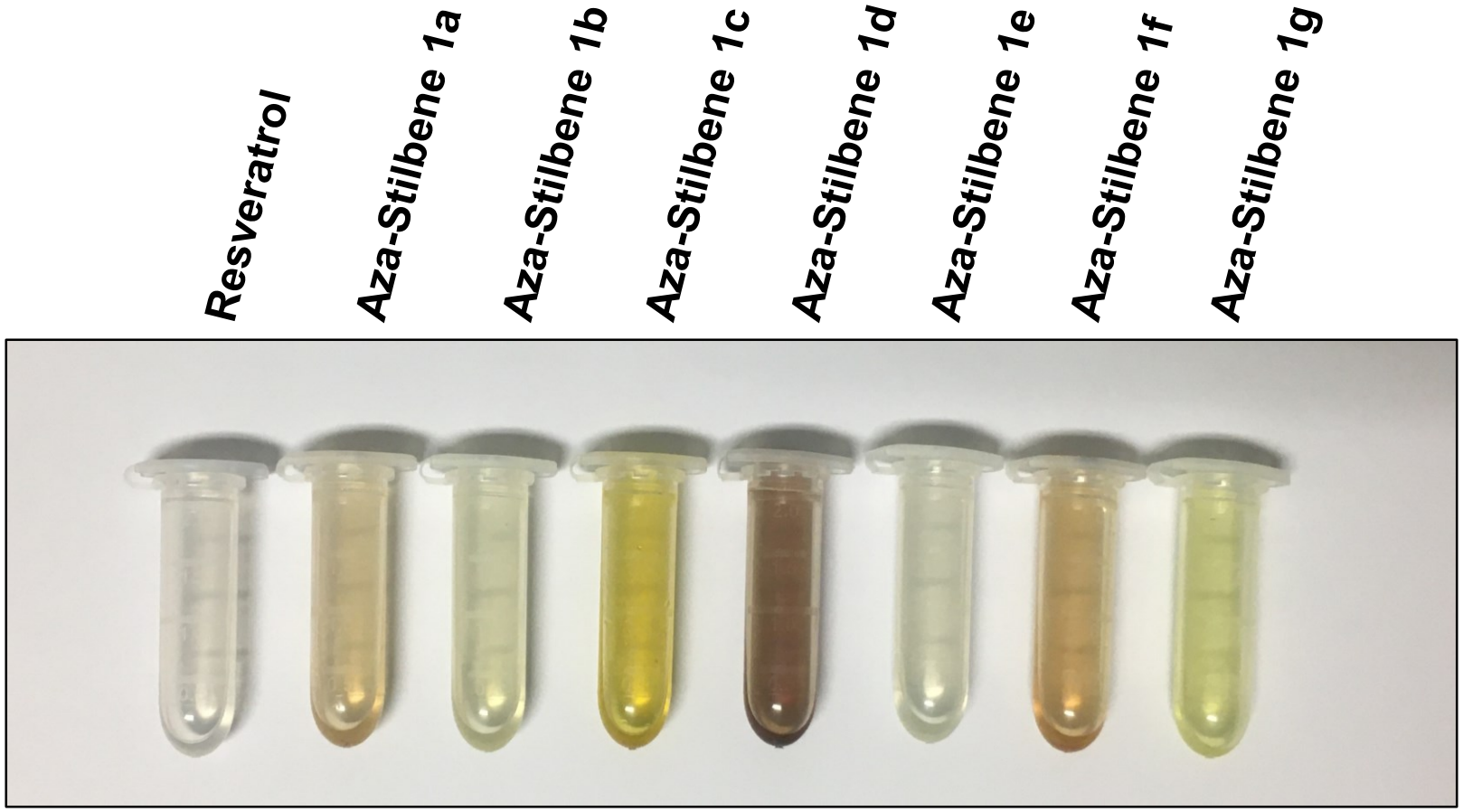



```
Current Data Parameters
NAME            22ddu_AZA6
EXPNO                    7
PROCNO                   1

F2 - Acquisition Parameters
Date_             20220601
Time                21.15 h
INSTRUM       Avance NEO
PROBHD    Z167419_0024 (
PULPROG     hmbcgplpndqf
TD                   4096
SOLVENT              DMSO
NS                     16
DS                     16
SWH              4545.455 Hz
FIDRES           2.219460 Hz
AQ               0.4505600 sec
RG                     101
DW                 110.000 usec
DE                   6.50 usec
TE                  297.8 K
CNST2          145.0000000
CNST13          10.0000000
D0              0.00000300 sec
D1              1.50000000 sec
D2              0.00344828 sec
D6              0.05000000 sec
D16             0.00020000 sec
IN0             0.00001809 sec
TDav                    1
SFO1         499.8729068 MHz
NUC1                   1H
P1                   9.73 usec
P2                  19.46 usec
PLW1           32.18000031 W
SFO2         125.7049807 MHz
NUC2                   13C
P3                   9.00 usec
PLW2          106.93000031 W
GPNAM[1]       SMSQ10.100
GPZ1                50.00 %
GPNAM[2]       SMSQ10.100
GPZ2                30.00 %
GPNAM[3]       SMSQ10.100
GPZ3                40.10 %
P16               1000.00 usec

======== F1 INDIRECT DIMENSION ========
td1       128
sw_F1     220.000000

F1 - Acquisition parameters
TD                   128
SFO1          125.705 MHz
FIDRES       432.077423 Hz
SW           219.983 ppm
FnMODE              QF

F2 - Processing parameters
SI                  4096
SF           499.8700000 MHz
WDW               QSINE
SSB                    0
LB                     0 Hz
GB                     0
PC                  1.40

F1 - Processing parameters
SI                  1024
MC2                   QF
SF           125.6924115 MHz
WDW               QSINE
SSB                    0
LB                     0 Hz
GB                     0
```

AZA-ST 1g




```
Current Data Parameters
NAME          22ddu_AZA7
EXPNO                  7
PROCNO                 1

F2 - Acquisition Parameters
Date_           20220601
Time              23.37 h
INSTRUM       Avance NEO
PROBHD    Z167419_0024 (
PULPROG    hmbcgplpndqf
TD                 4096
SOLVENT             DMSO
NS                    16
DS                    16
SWH             4310.345 Hz
FIDRES          2.104661 Hz
AQ              0.4751360 sec
RG                   101
DW                116.000 usec
DE                  6.50 usec
TE                297.9 K
CNST2         145.0000000
CNST13         10.0000000
D0             0.00000300 sec
D1             1.50000000 sec
D2             0.00344828 sec
D6             0.05000000 sec
D16            0.00020000 sec
IN0            0.00001809 sec
TDav                   1
SFO1         499.8730295 MHz
NUC1                  1H
P1                 9.73 usec
P2                19.46 usec
PLW1         32.18000031 W
SFO2         125.7049807 MHz
NUC2                 13C
P3                 9.00 usec
PLW2         106.93000031 W
GPNAM[1]      SMSQ10.100
GPZ1               50.00 %
GPNAM[2]      SMSQ10.100
GPZ2               30.00 %
GPNAM[3]      SMSQ10.100
GPZ3               40.10 %
P16              1000.00 usec

========= F1 INDIRECT DIMENSION =========
td1        128
sw_F1      220.000000

F1 - Acquisition parameters
TD                  128
SFO1          125.705 MHz
FIDRES        432.077423 Hz
SW              219.983 ppm
FnMODE                QF

F2 - Processing parameters
SI                 4096
SF          499.8700000 MHz
WDW               QSINE
SSB                   0
LB                    0 Hz
GB                    0
PC                 1.40

F1 - Processing parameters
SI                 1024
MC2                  QF
SF          125.6924115 MHz
WDW               QSINE
SSB                   0
LB                    0 Hz
GB                    0
```



- Stock solutions were prepared at 50 mM
- Resveratrol (*trans*-resveratrol) was diluted in absolute ethanol (EtOH)
- Aza-Stilbenes 1a to 1g were diluted in dimethyl sulfoxide (DMSO)

Supplementary Figure S3: Ksila M et al.