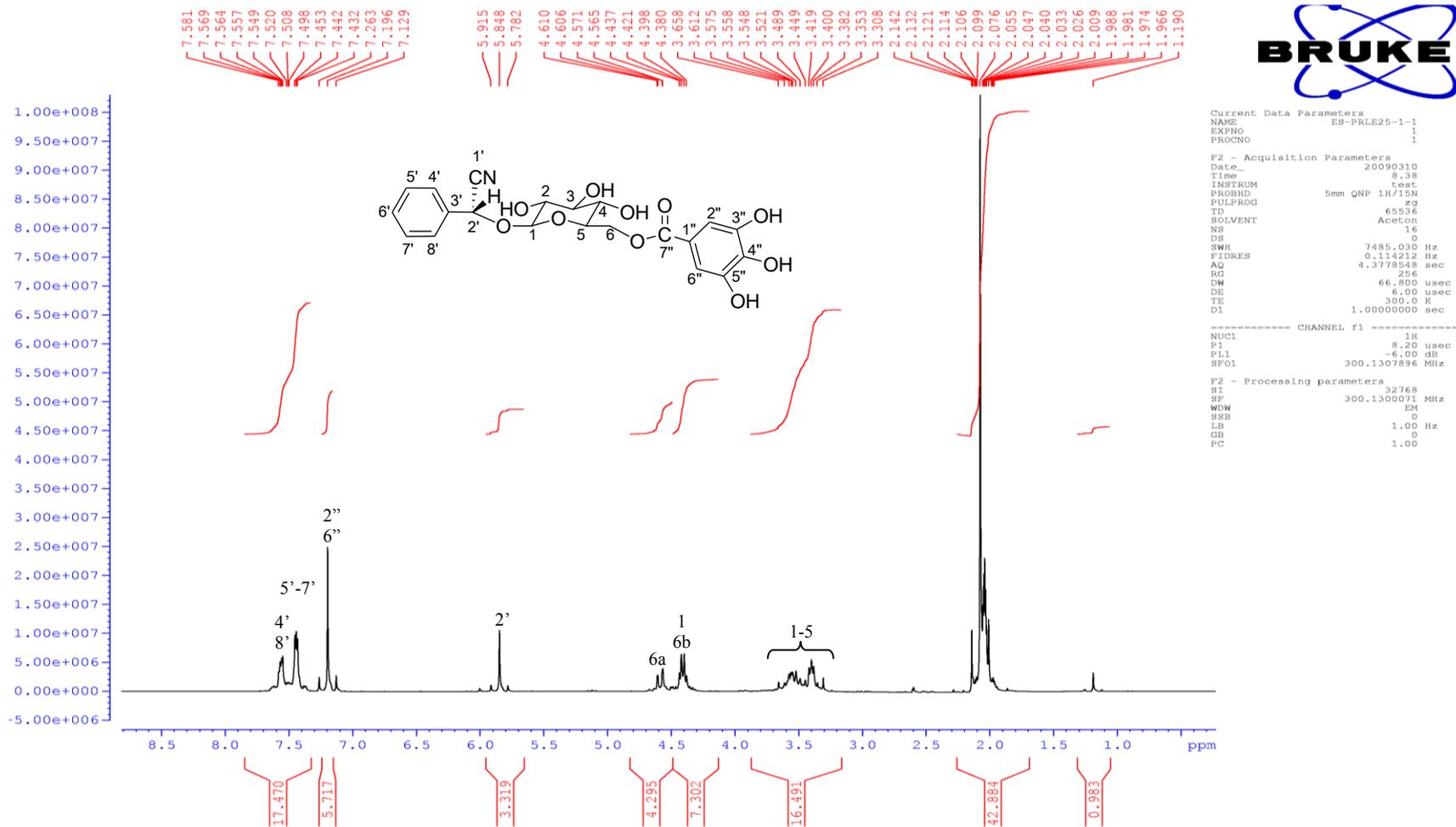
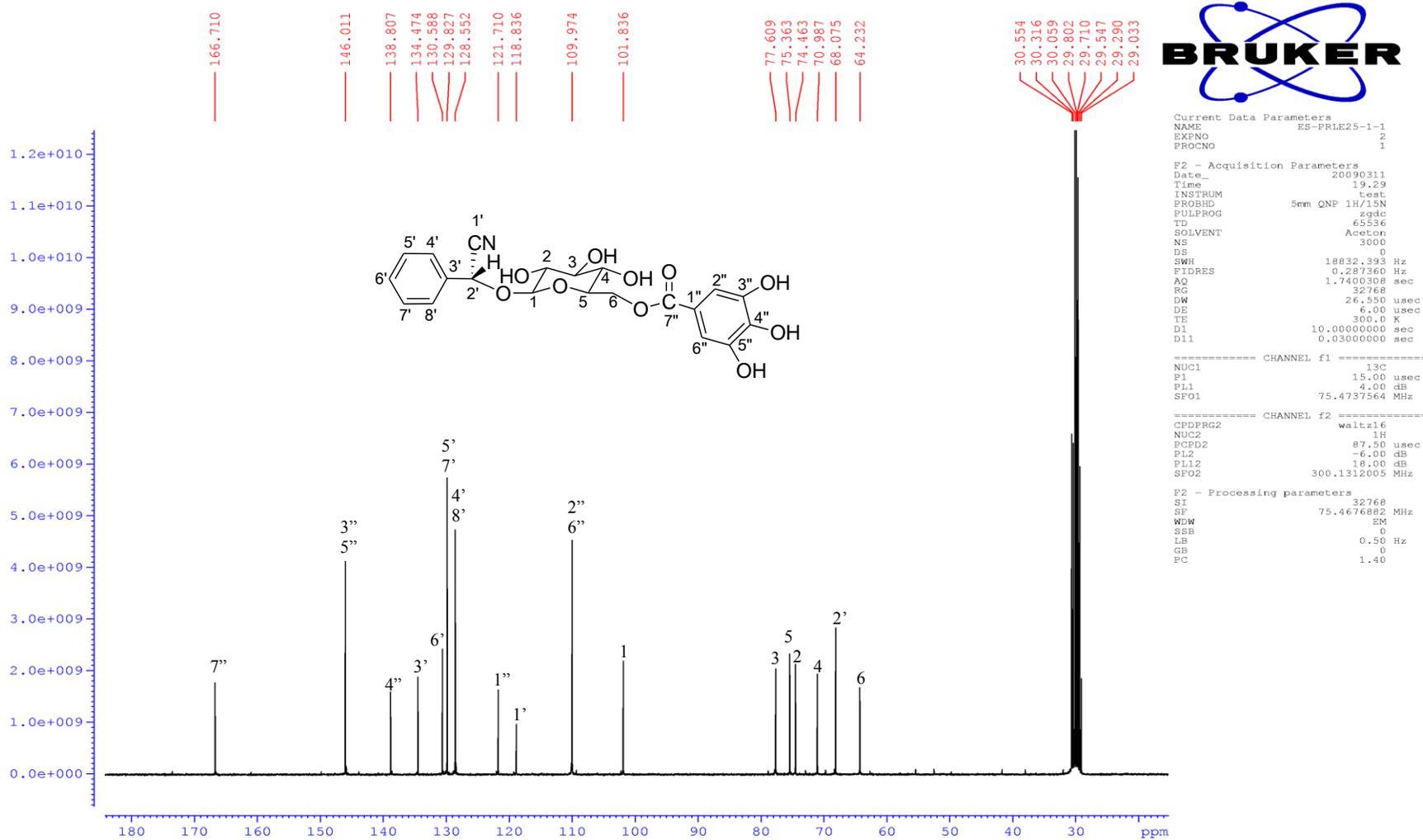


APPENDIX I: NMR SPECTRA

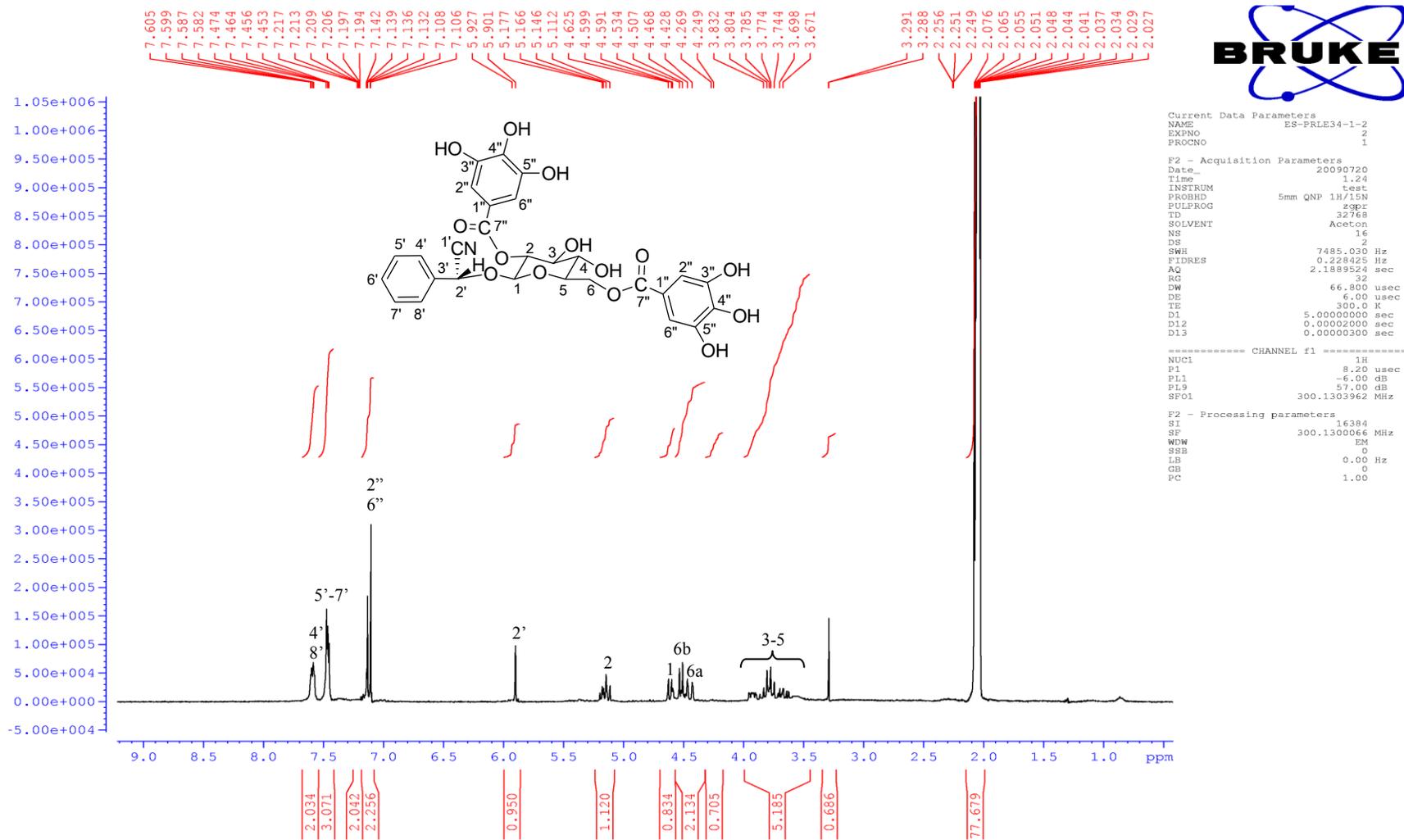
Spectra 1a: ¹H-NMR Spectra of Prunasin 6'-O-gallate (1).



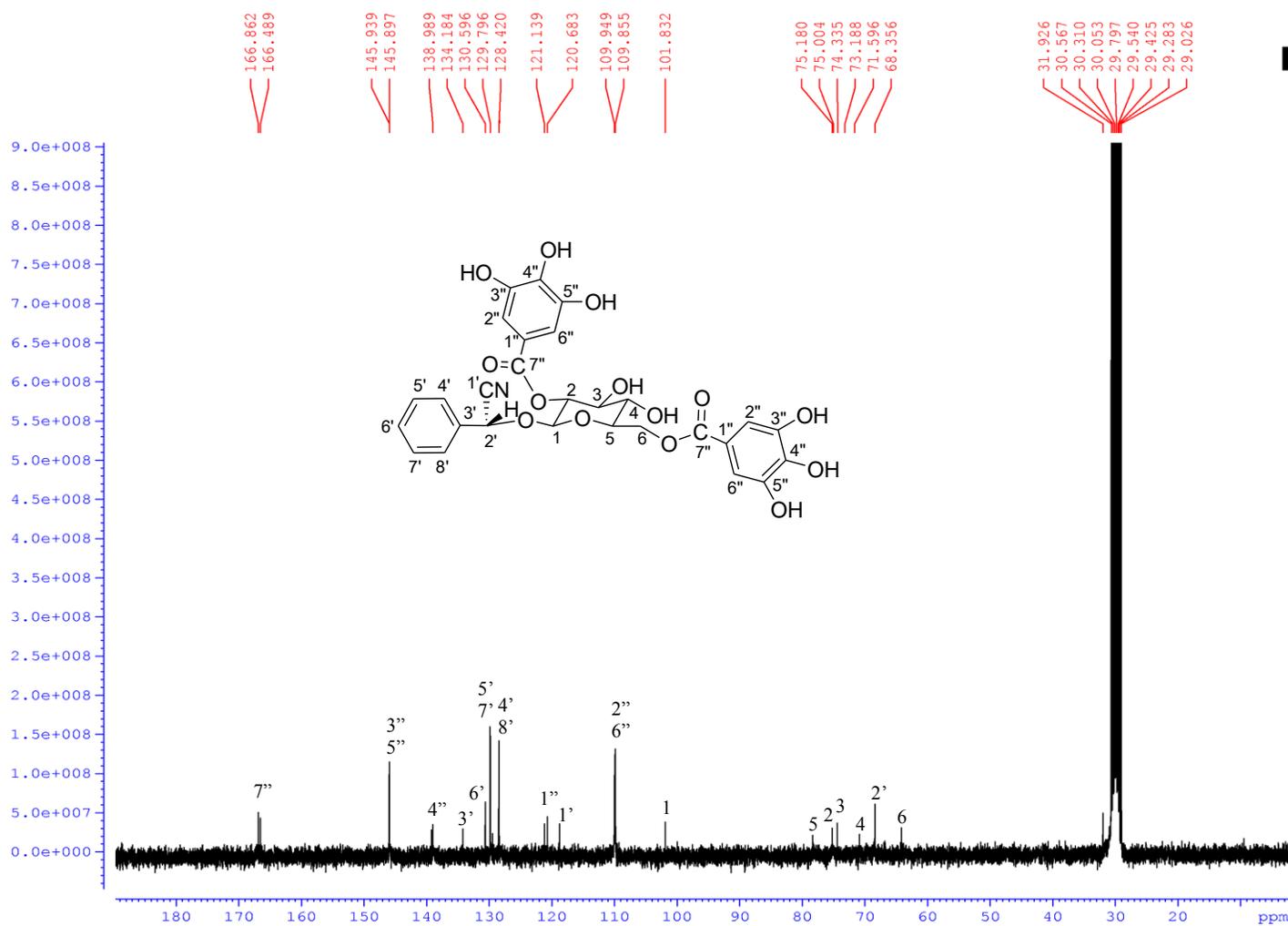
Spectra 1b: ¹³C-NMR Spectra of Prunasin 6'-O-gallate (1).



Spectra 2a: ¹H-NMR Spectra of Prunasin 2',6'-di-O-gallate (2).



Spectra 2b: ¹³C-NMR Spectra of Prunasin 2',6'-di-O-gallate (2).



```

Current Data Parameters
NAME          ES-PRLE34-2
EXPNO         2
PROCNO        1

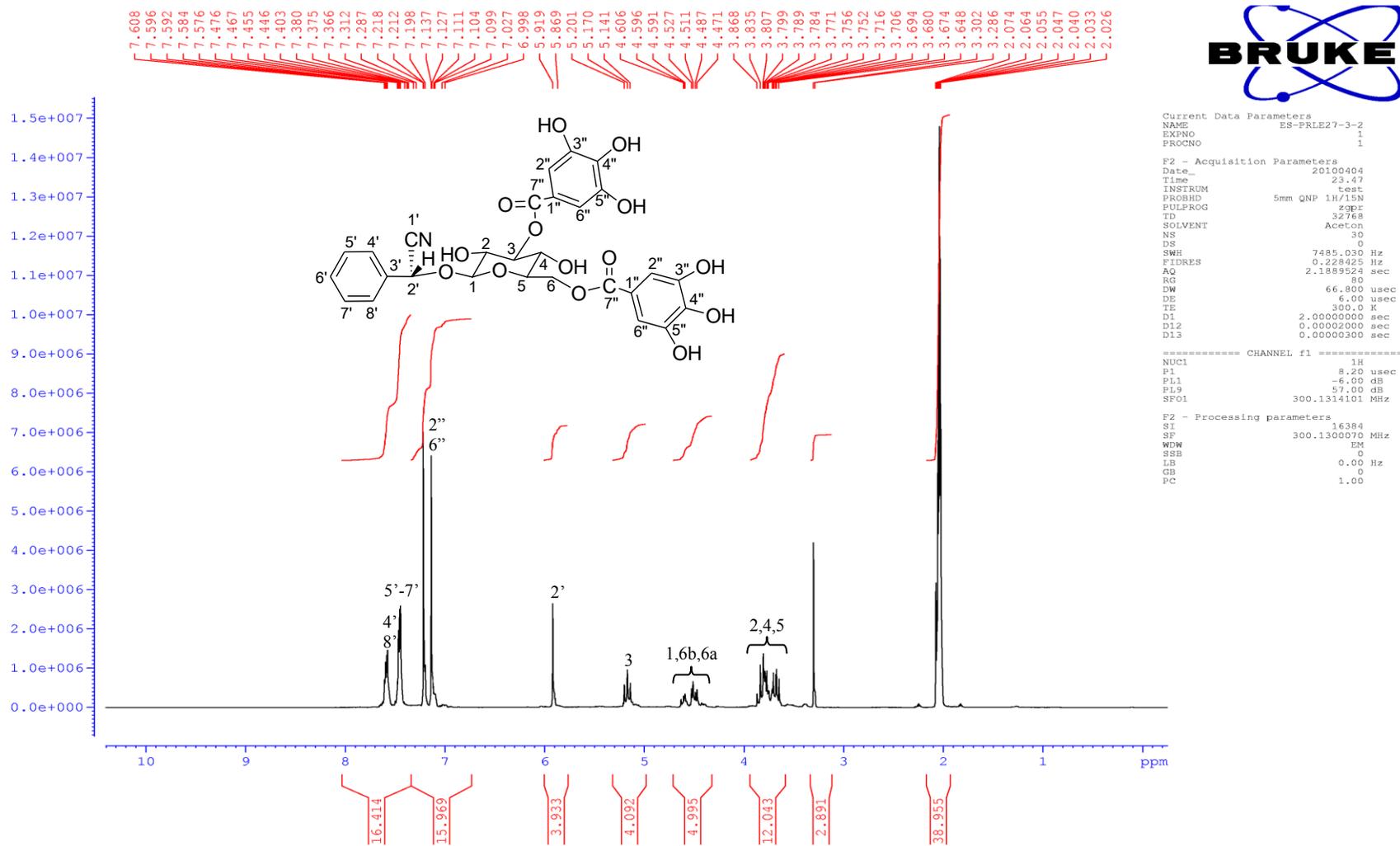
F2 - Acquisition Parameters
Date_         20090316
Time          7.40
INSTRUM       test
PROBHD        5mm QNP 1H/15N
PULPROG       zgdc
TD            65536
SOLVENT       Aceton
NS            1746
DS            0
SWH           18832.393 Hz
FIDRES        0.287360 Hz
AQ            1.7400308 sec
RG            32768
DW            26.550 usec
DE            6.00 usec
TE            300.0 K
D1            10.0000000 sec
D11           0.03000000 sec

===== CHANNEL f1 =====
NUC1           13C
P1             15.00 usec
PL1            4.00 dB
SFO1           75.4737564 MHz

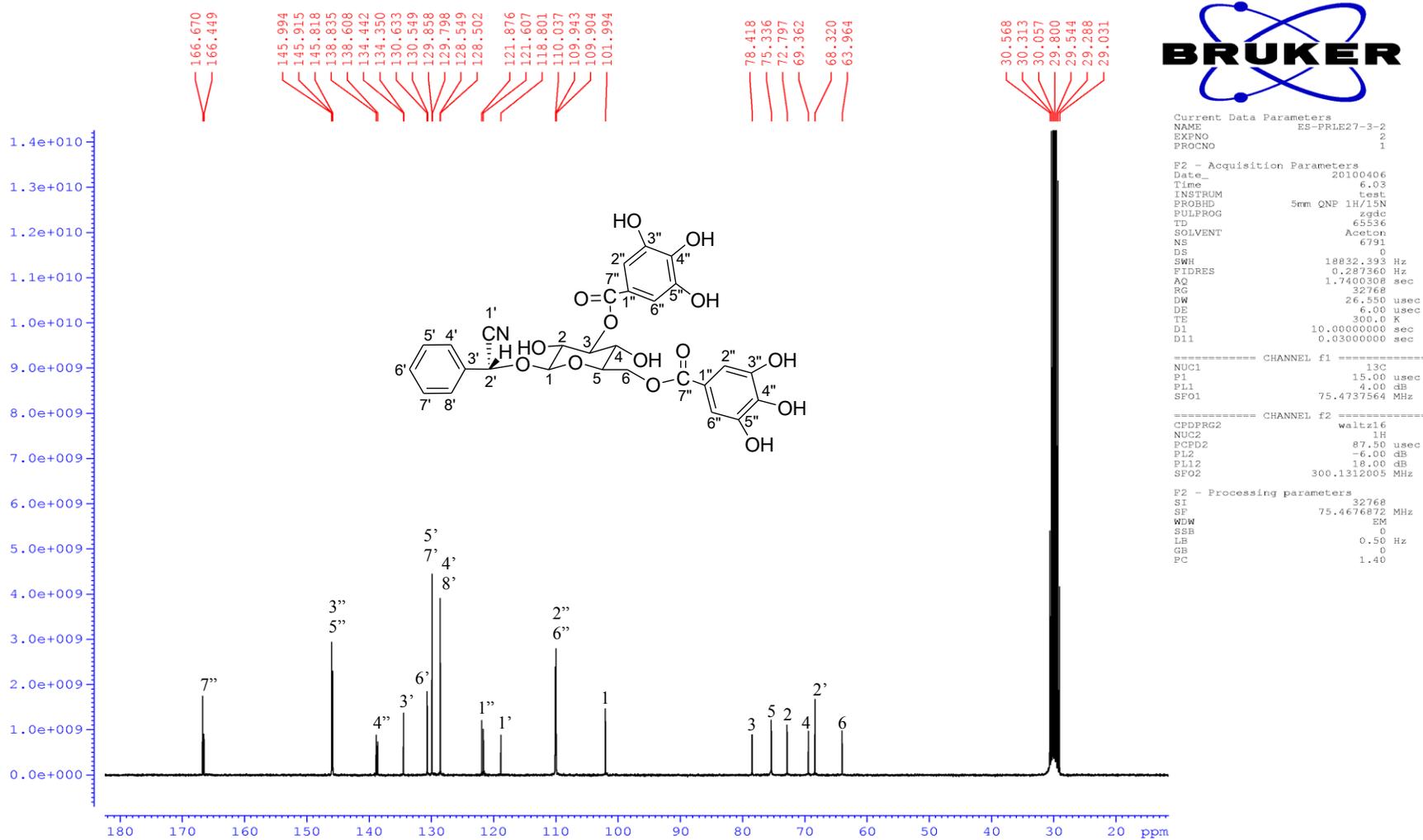
===== CHANNEL f2 =====
CPDPRG2       waltz16
NUC2           1H
PCPD2          87.50 usec
PL2            -6.00 dB
PL12           18.00 dB
SFO2           300.1312005 MHz

F2 - Processing parameters
SI             32768
SF             75.4676956 MHz
WDW            EM
SSB            0
LB             0.50 Hz
GB             0
PC             1.40
    
```

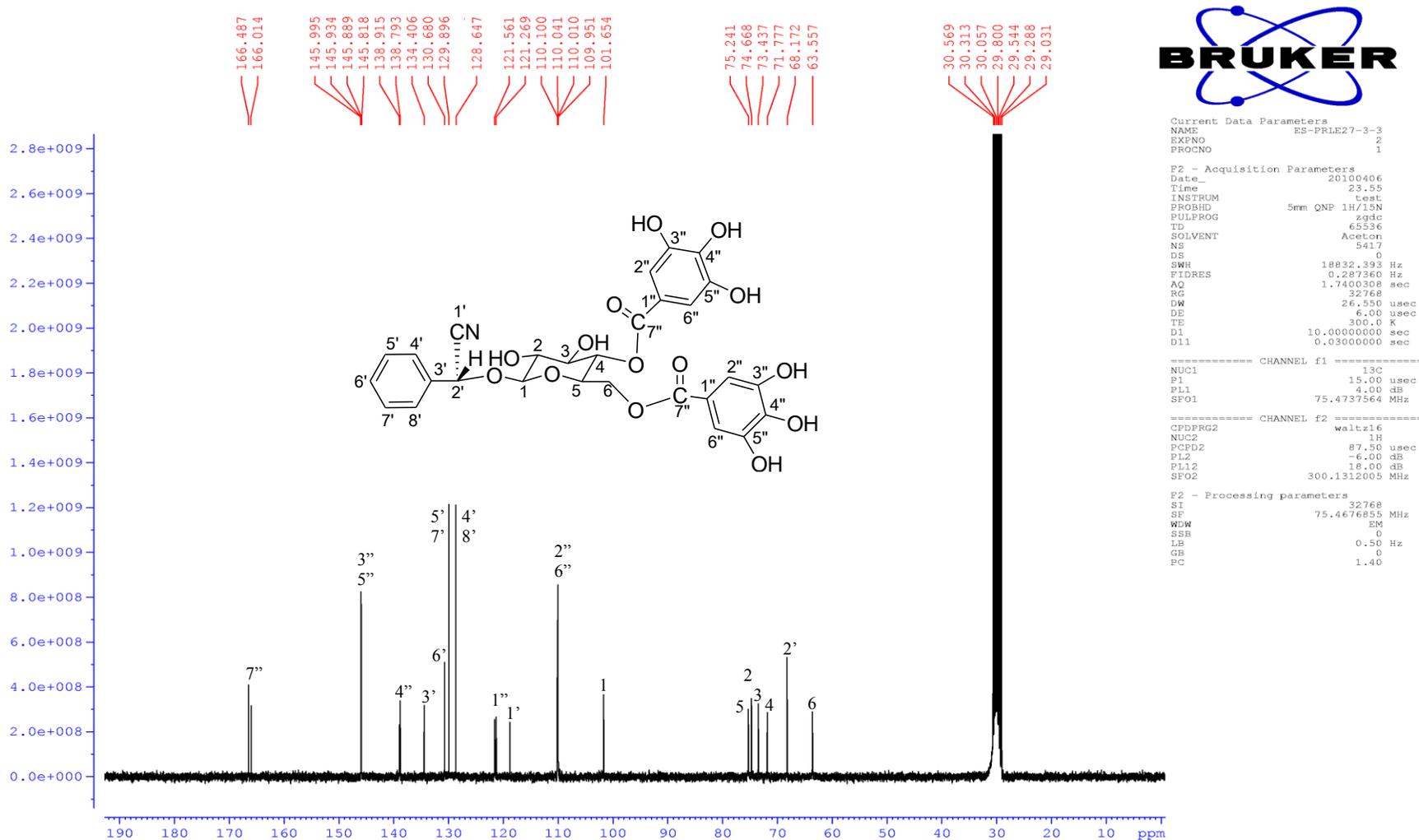
Spectra 3a: ¹H-NMR Spectra of Prunasin 3',6'-di-*O*-gallate (3).



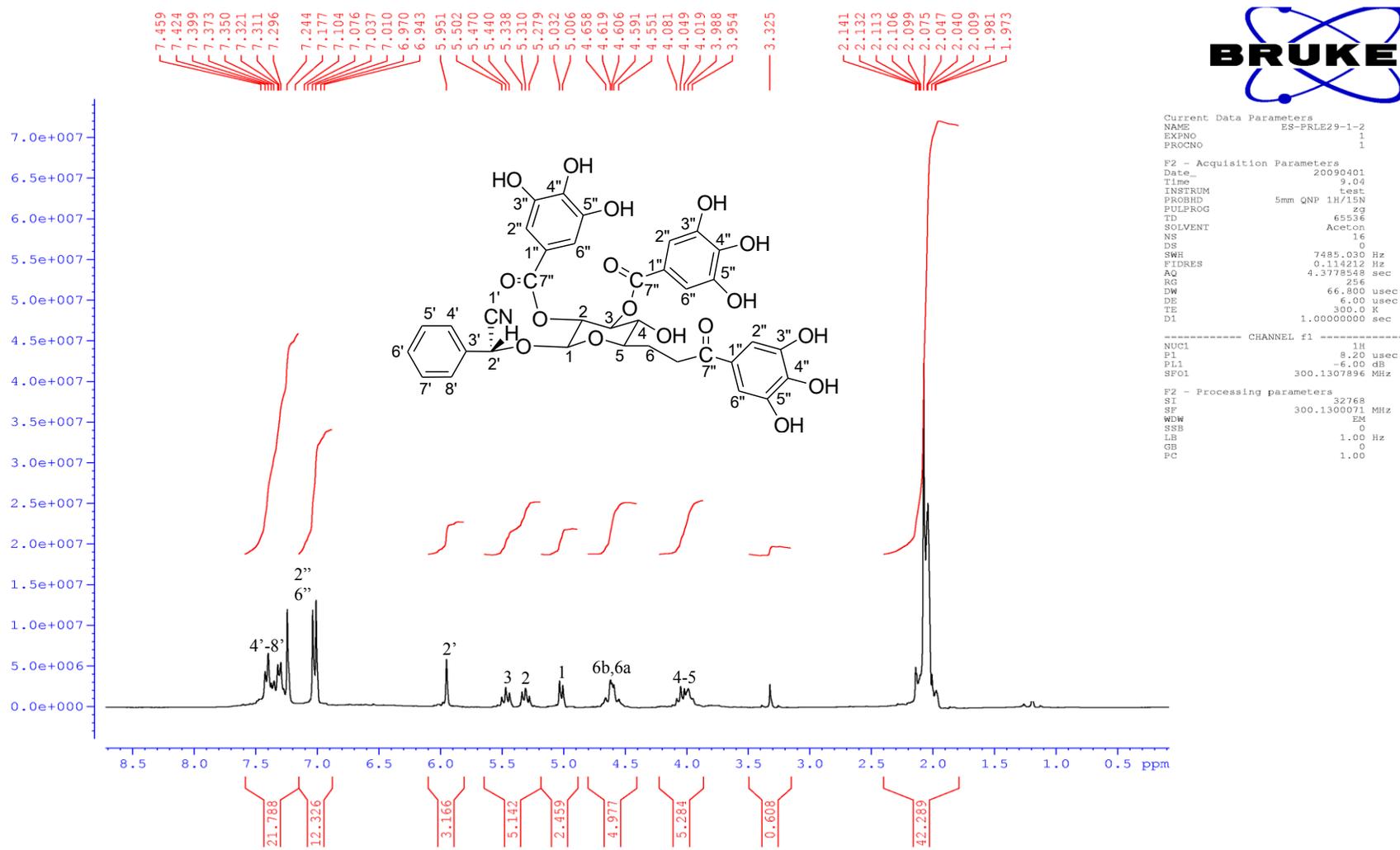
Spectra 3b: ¹³C-NMR Spectra of Prunasin 3',6'-di-*O*-gallate (3).



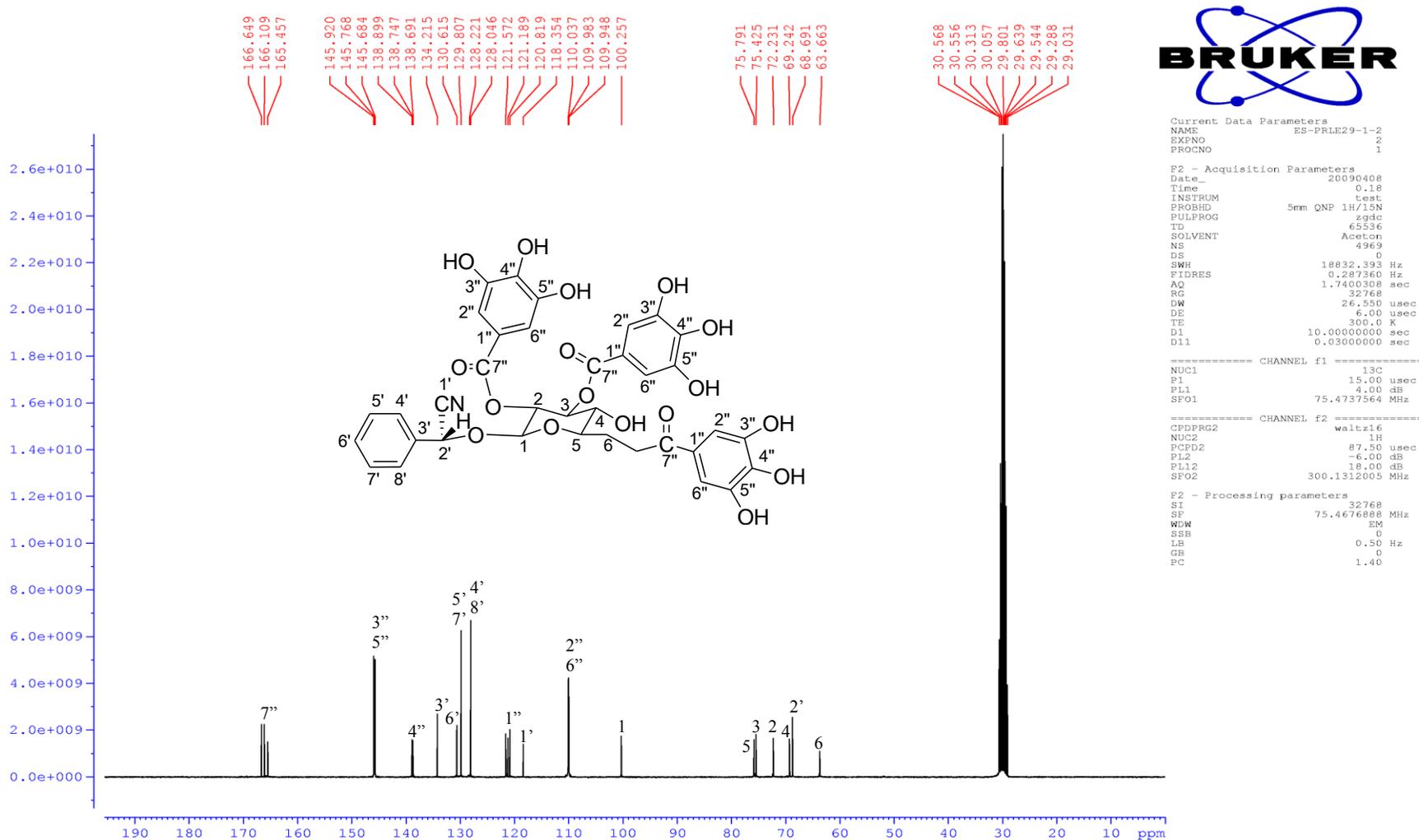
Spectra 4b: ¹³C-NMR Spectra of Prunasin 4',6'-di-*O*-gallate (4).



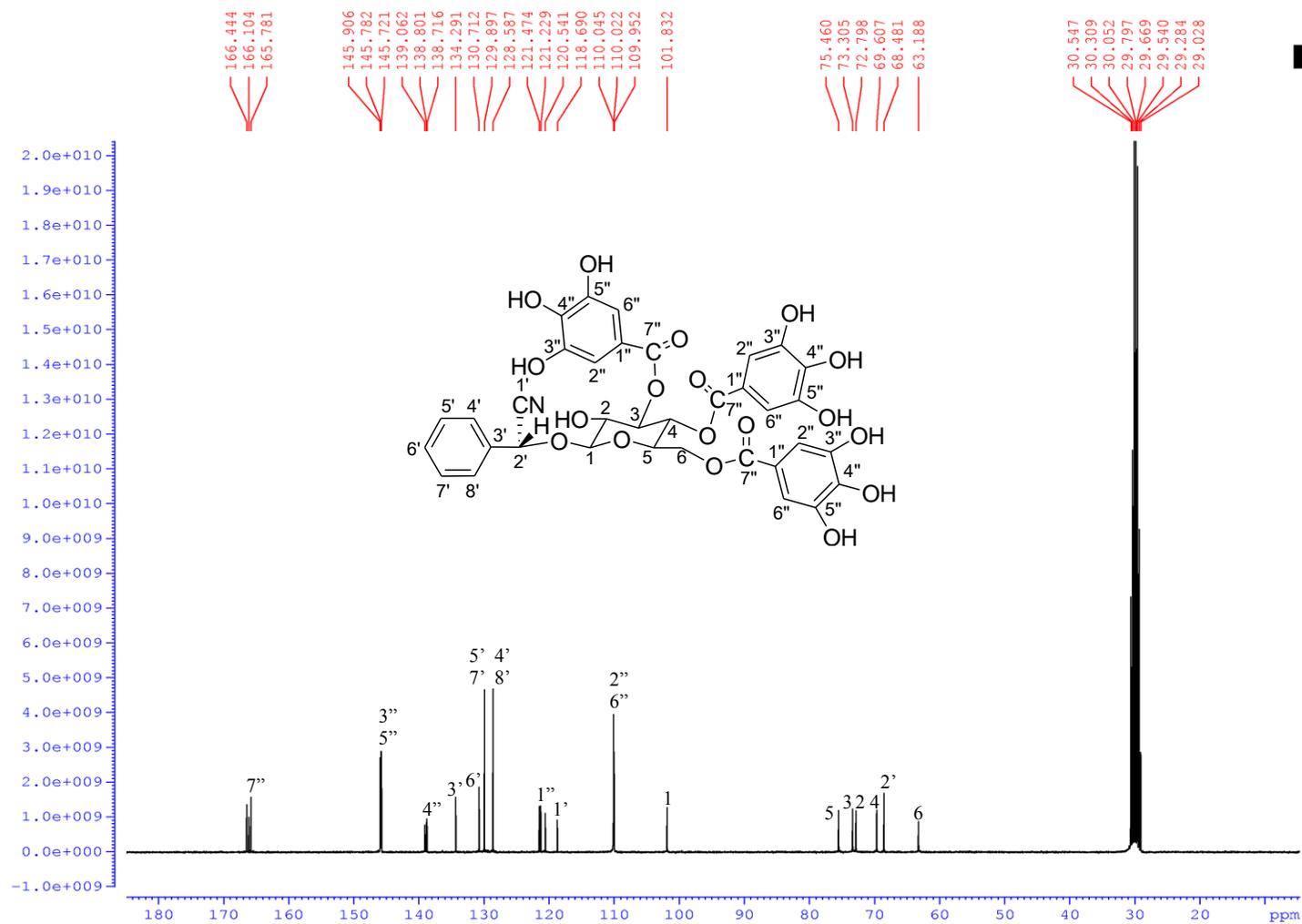
Spectra 5a: ¹H-NMR Spectra of Prunasin 2',3',6'-tri-*O*-gallate (5).



Spectra 5b: ¹³C-NMR Spectra of Prunasin 2',3',6'-tri-*O*-gallate (5).



Spectra 6b: ¹³C-NMR Spectra of Prunasin 3',4',6'-tri-*O*-gallate (6).



```

Current Data Parameters
NAME      ES-PRLE36-1
EXPNO    2
PROCNO   1

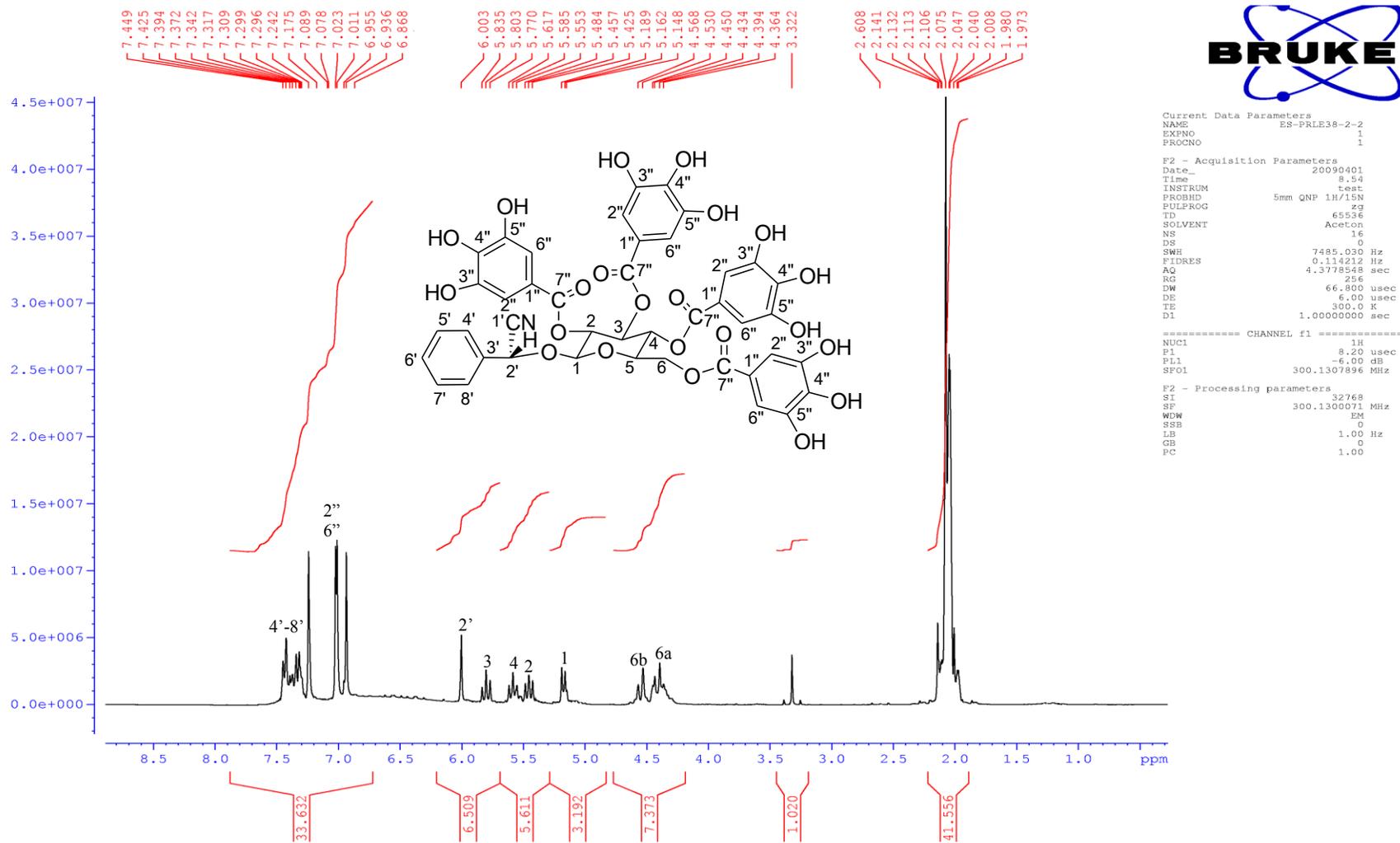
F2 - Acquisition Parameters
Date_    20090311
Time     1.21
INSTRUM  test
PROBHD   5mm QNP 1H/13N
PULPROG  zgdc
TD        65536
SOLVENT  Aceton
NS        5020
DS        0
SWH       10832.393 Hz
FIDRES    0.287360 Hz
AQ        1.7400308 sec
RG        32768
DW         26.550 usec
DE         6.00 usec
TE         300.0 K
D1         10.00000000 sec
D11        0.03000000 sec

===== CHANNEL f1 =====
NUC1       13C
P1         15.00 usec
PL1        4.00 dB
SFO1       75.4737564 MHz

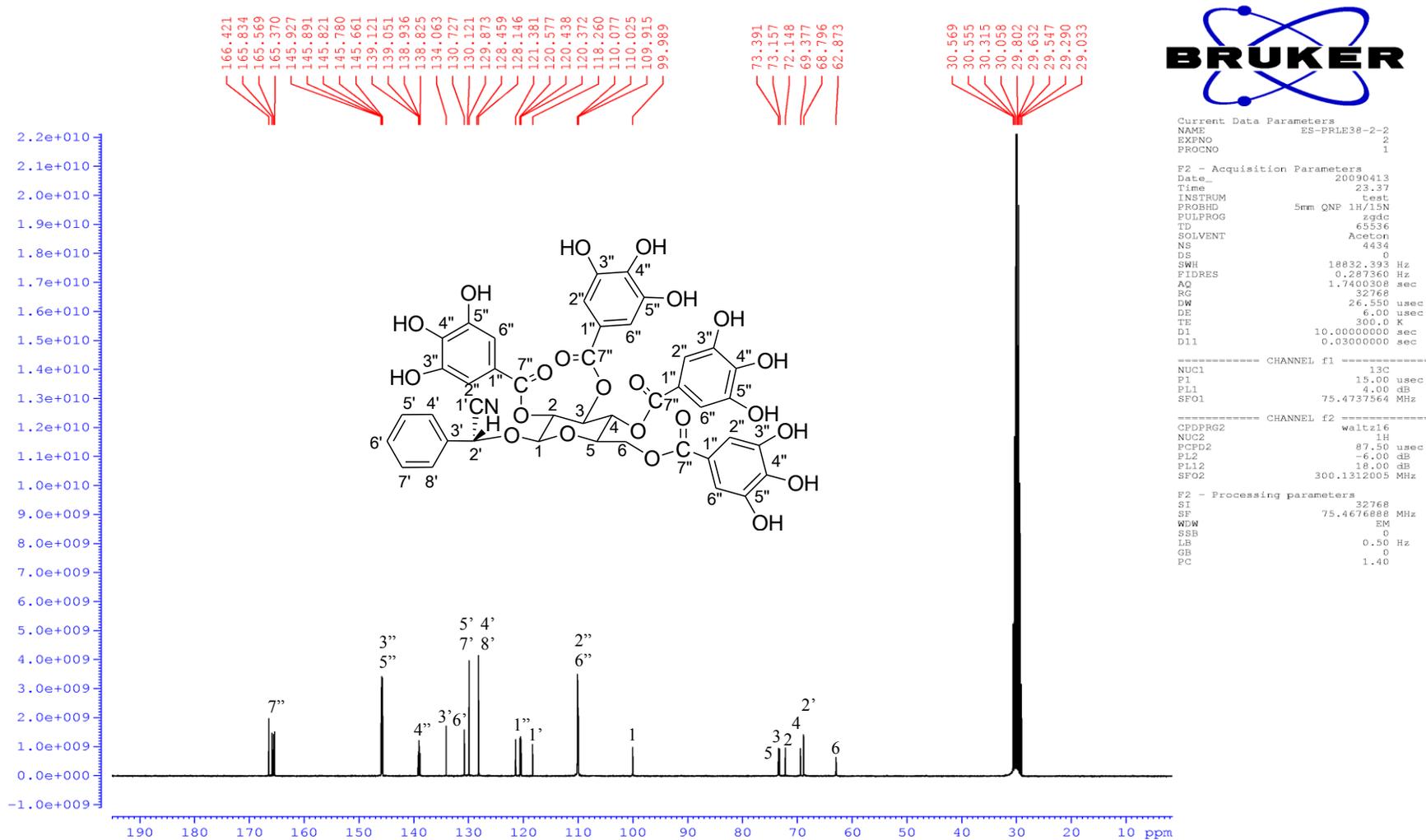
===== CHANNEL f2 =====
CPDPRG2   waltz16
NUC2       1H
PCPD2     87.50 usec
PL2       -6.00 dB
PL12      18.00 dB
SFO2      300.1312005 MHz

F2 - Processing parameters
SI         32768
SF         75.4676876 MHz
WDW        EM
SBB        0
LB         0.50 Hz
GB         0
PC         1.40
    
```

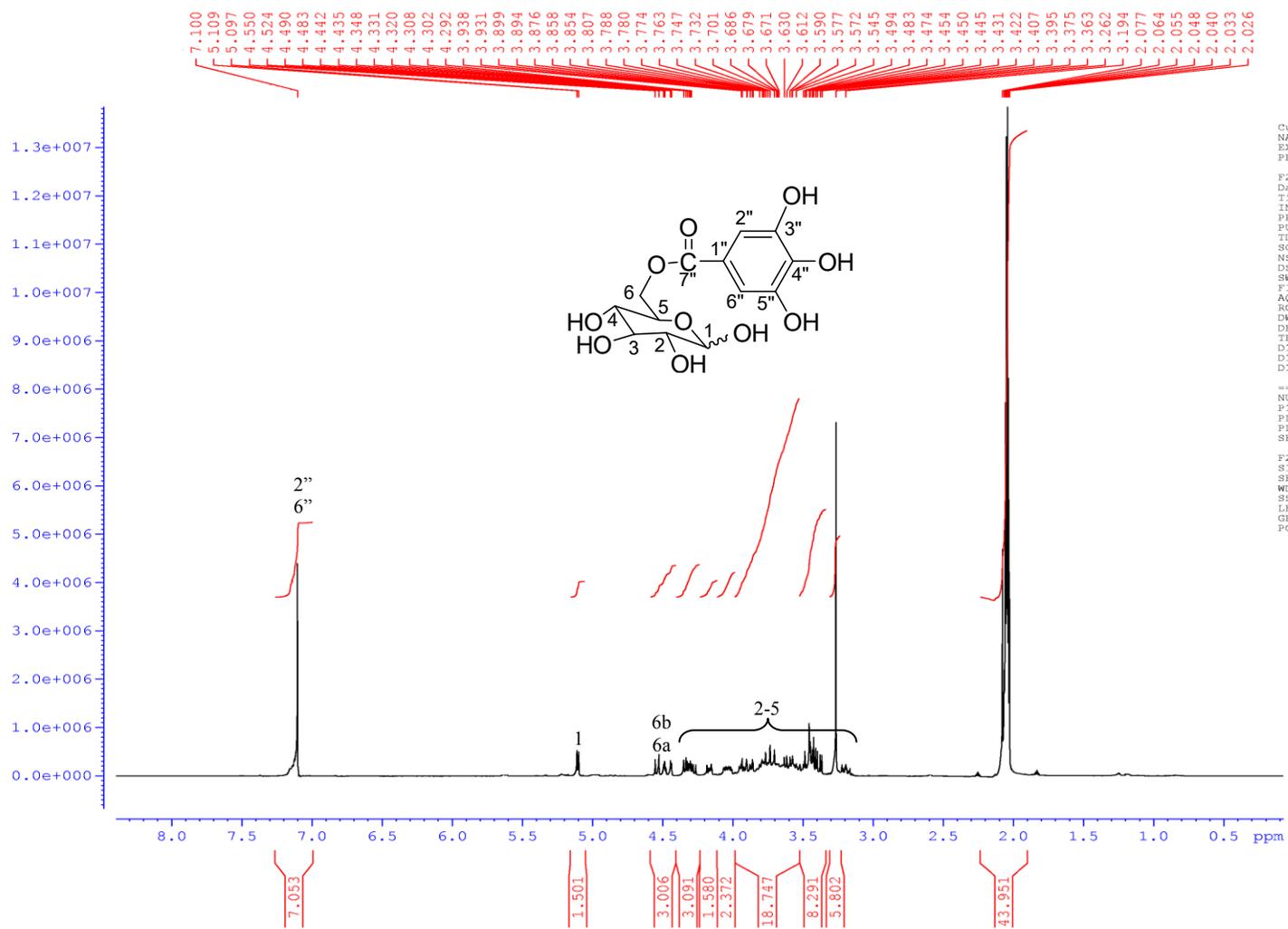
Spectra 7a: ¹H-NMR Spectra of Prunasin 2',3',4',6'-tetra-*O*-gallate (7).



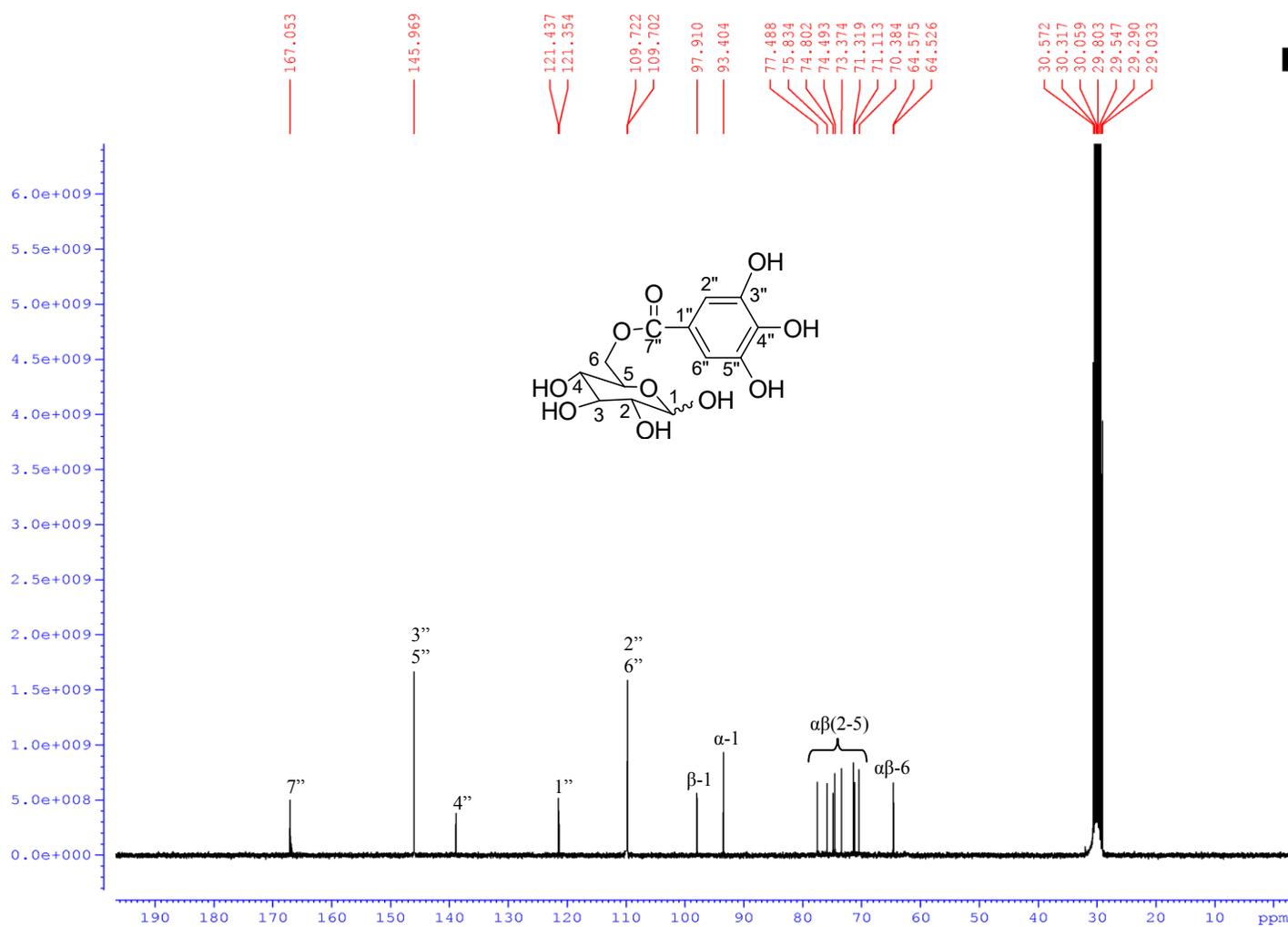
Spectra 7b: ¹³C-NMR Spectra of Prunasin 2',3',4',6'-tetra-*O*-gallate (7).



Spectra 8a: ¹H-NMR Spectra of 6-O-galloyl-D-glucose (8).



Spectra 8b: ¹³C-NMR Spectra of 6-O-galloyl-D-glucose (8).



```

Current Data Parameters
NAME          ES-PLW24-4-1
EXPNO         2
PROCNO        1

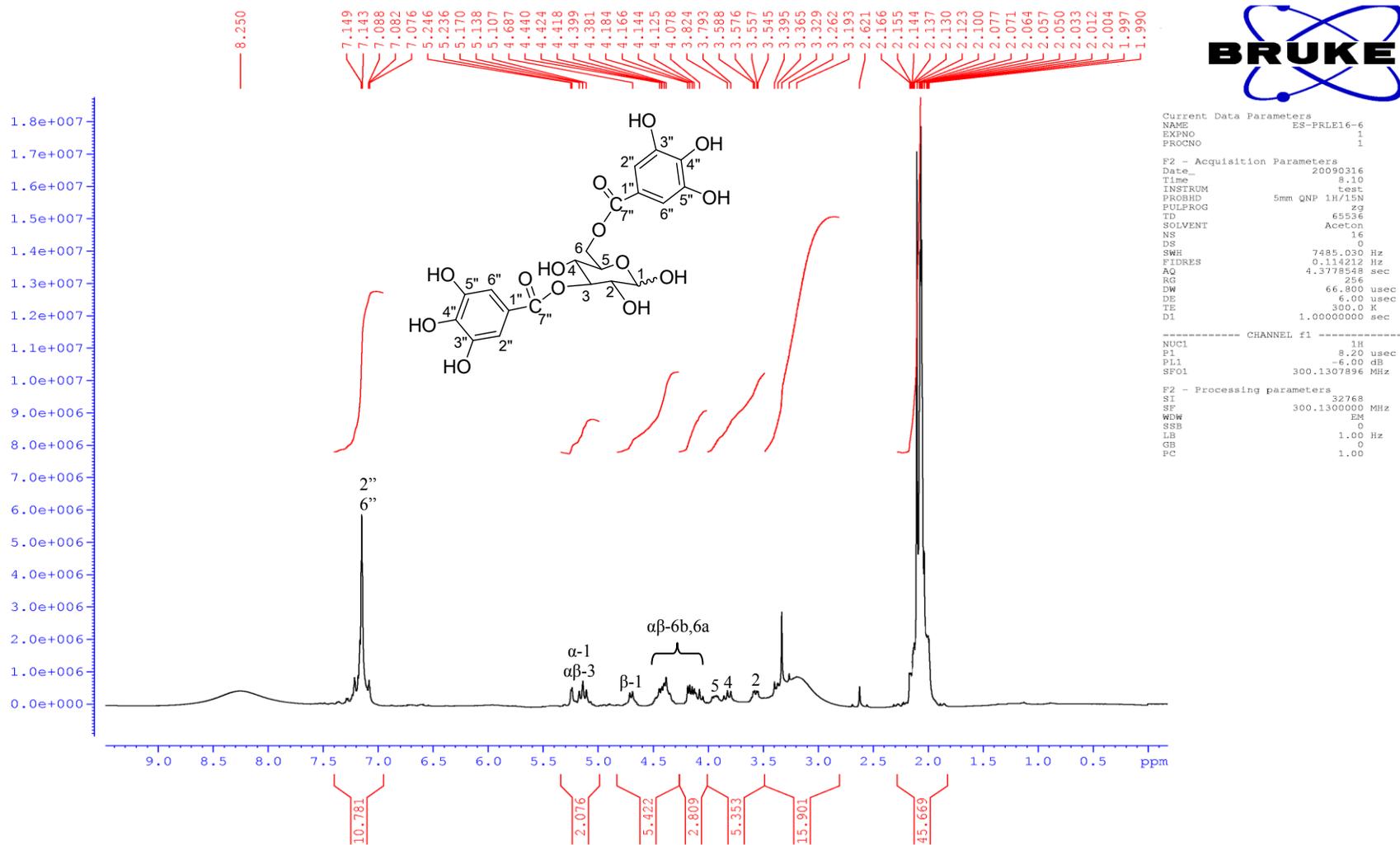
F2 - Acquisition Parameters
Date_         20090628
Time          6.07
INSTRUM       test
PROBHD        5mm QNP 1H/15N
PULPROG       zgdc
TD            65536
SOLVENT       Aceton
NS            6200
DS            0
SWH           10832.393 Hz
FIDRES        0.287360 Hz
AQ            1.7400308 sec
RG            32768
DW            26.550 usec
DE            6.00 usec
TE            300.0 K
D1            10.00000000 sec
D11           0.03000000 sec

===== CHANNEL f1 =====
NUC1           13C
P1             15.00 usec
PL1            4.00 dB
SFO1           75.4737564 MHz

===== CHANNEL f2 =====
CPDPRG2       waltz16
NUC2           1H
PCPD2         87.50 usec
PL2            -6.00 dB
PL12           18.00 dB
SFO2           300.1312005 MHz

F2 - Processing parameters
SI             32768
SF             75.4676899 MHz
WDW            EM
SBB            0
LB             0.50 Hz
GB             0
PC             1.40
    
```

Spectra 9a: ¹H-NMR Spectra of 3, 6-di-*O*-galloyl-D-glucose (9).



Spectra 9b: ¹³C-NMR Spectra of 3,6-di-O-galloyl-D-glucose (9).

