

Supplementary Information

Highly efficient non-doped blue electroluminescent materials for organic light-emitting devices

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AP-4 A. PRABHAKARAN

8.919
8.875
8.772
8.751
8.733
8.710
7.771
7.751
7.693
7.677
7.621
7.596
7.567
7.549
7.519
7.497
7.333
7.160
6.993
6.977
6.967
6.949
6.929
6.916
6.896
6.877
6.851
6.845



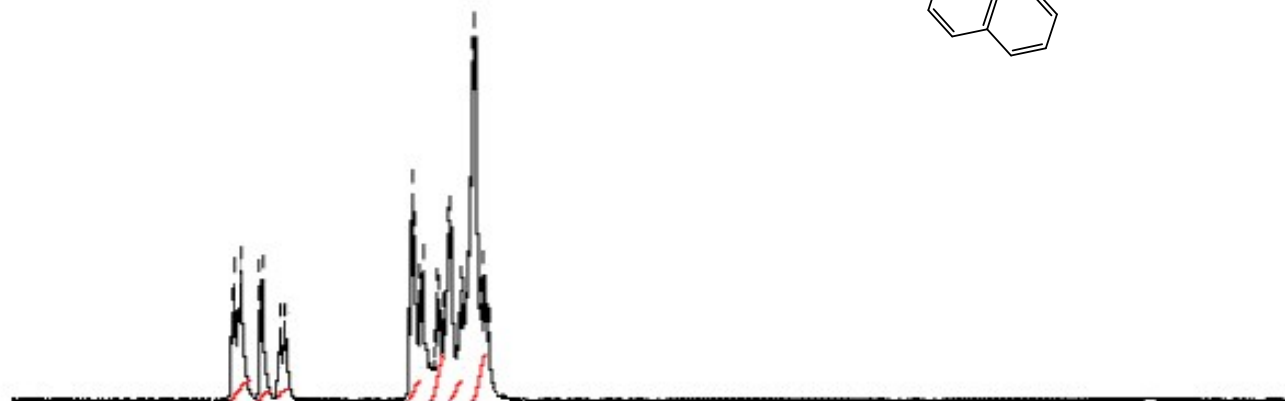
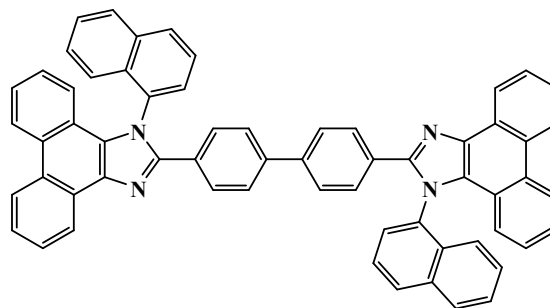
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EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20150924
Time 12.40
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PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 16
DS 2
SWH 8223.685 Hz
FIDRES 0.125483 Hz
AQ 3.9846387 sec
RO 109.79
DW 60.800 usec
DE 6.50 usec
TE 0 K
D1 1.00000000 sec

----- CHANNEL f1 -----
NUC1 1H
P1 13.50 usec
PLW1 11.00000000 W
SFO1 400.1324710 MHz

F2 - Processing parameters
SI 65536
SF 400.1300000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

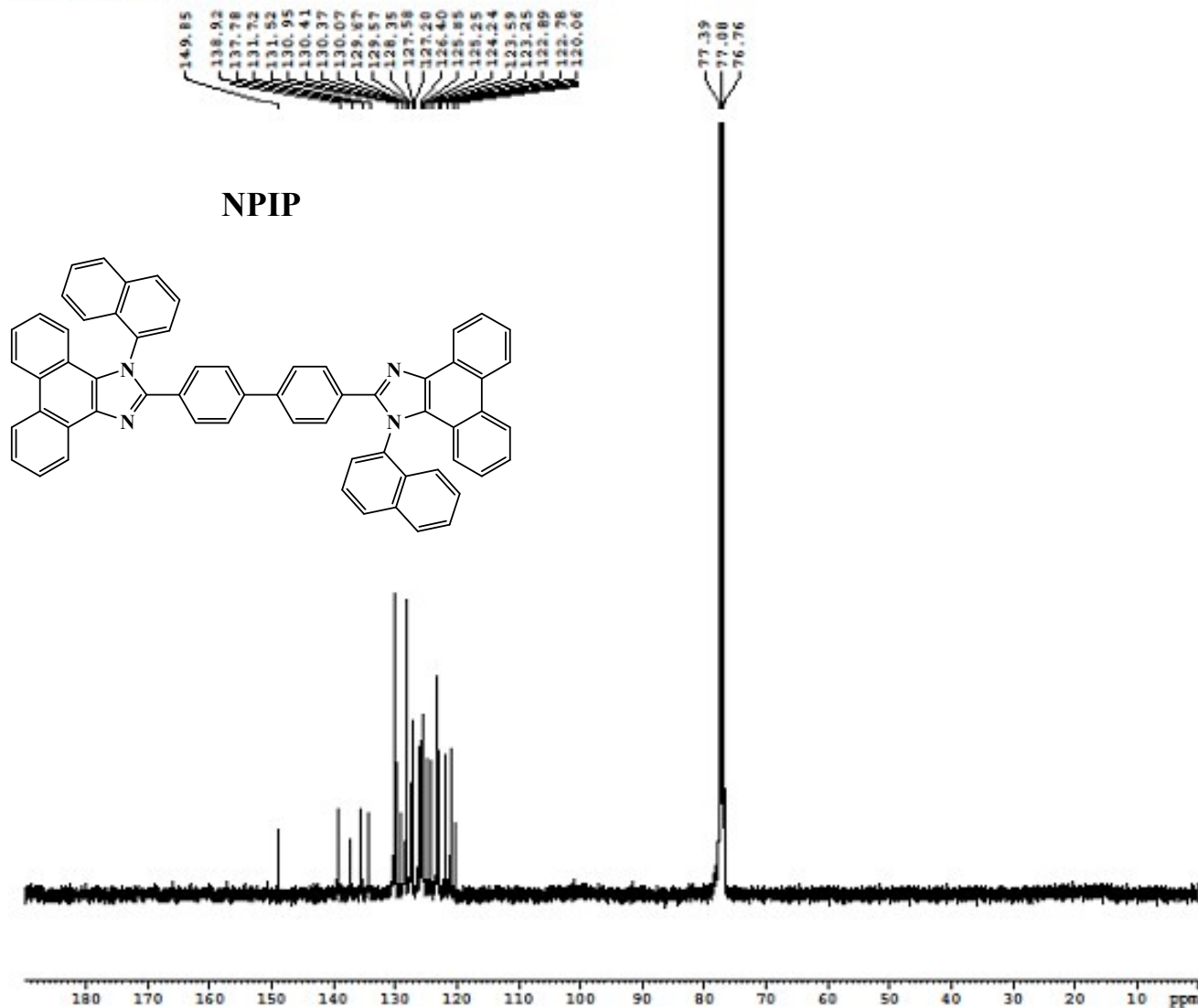
NPIP



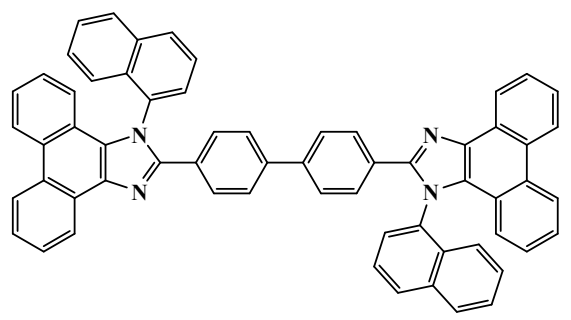
10 9 8 7 6 5 4 3 2 1 ppm

1.83
2.08
1.99
8.09
7.84
6.70
8.73

AP-4 A. PRABHAKARAN



NPIP



Current Data Parameters
NAME AP-4
EXPRO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20150928
Time 14.59
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 2000
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.3631988 sec
RG 195.62
DW 20.800 usec
DE 6.50 usec
TE 294.6 K
D1 2.00000000 sec
D11 0.03000000 sec

----- CHANNEL f1 -----
NUC1 13C
P1 8.25 usec
PLW1 55.40000153 W
SFO1 100.6228293 MHz

----- CHANNEL f2 -----
CPDPRG2 waltz16
NUC2 1H
PCPD2 90.00 usec
PLW2 11.00000000 W
PLW12 0.24750000 W
PLW13 0.20048000 W
SFO2 400.1316005 MHz

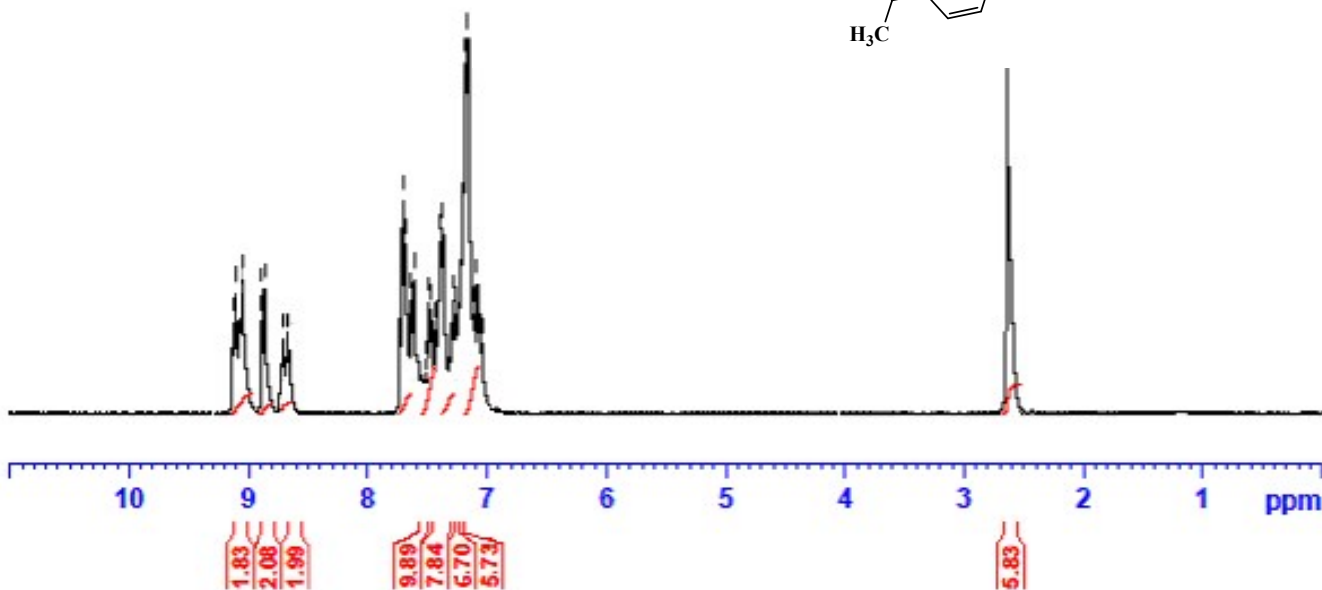
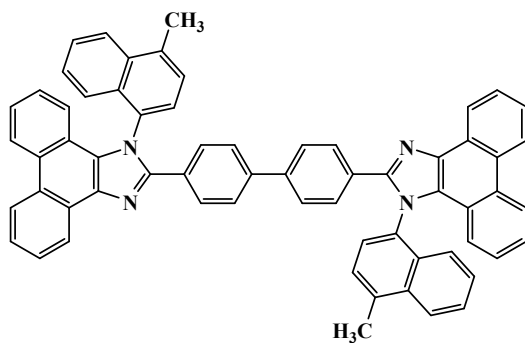
F2 - Processing parameters
SI 32768
SF 100.6127690 MHz
WDW RM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

AP-5 A. PRABHAKARAN

8.919
8.875
8.772
8.751
8.733
8.710
7.771
7.751
7.693
7.677
7.621
7.596
7.567
7.549
7.519
7.497
7.333
7.303
7.293
7.277
7.267
7.249
7.229
7.216
7.201
7.191
7.187
7.170

2.593

MeNPIP



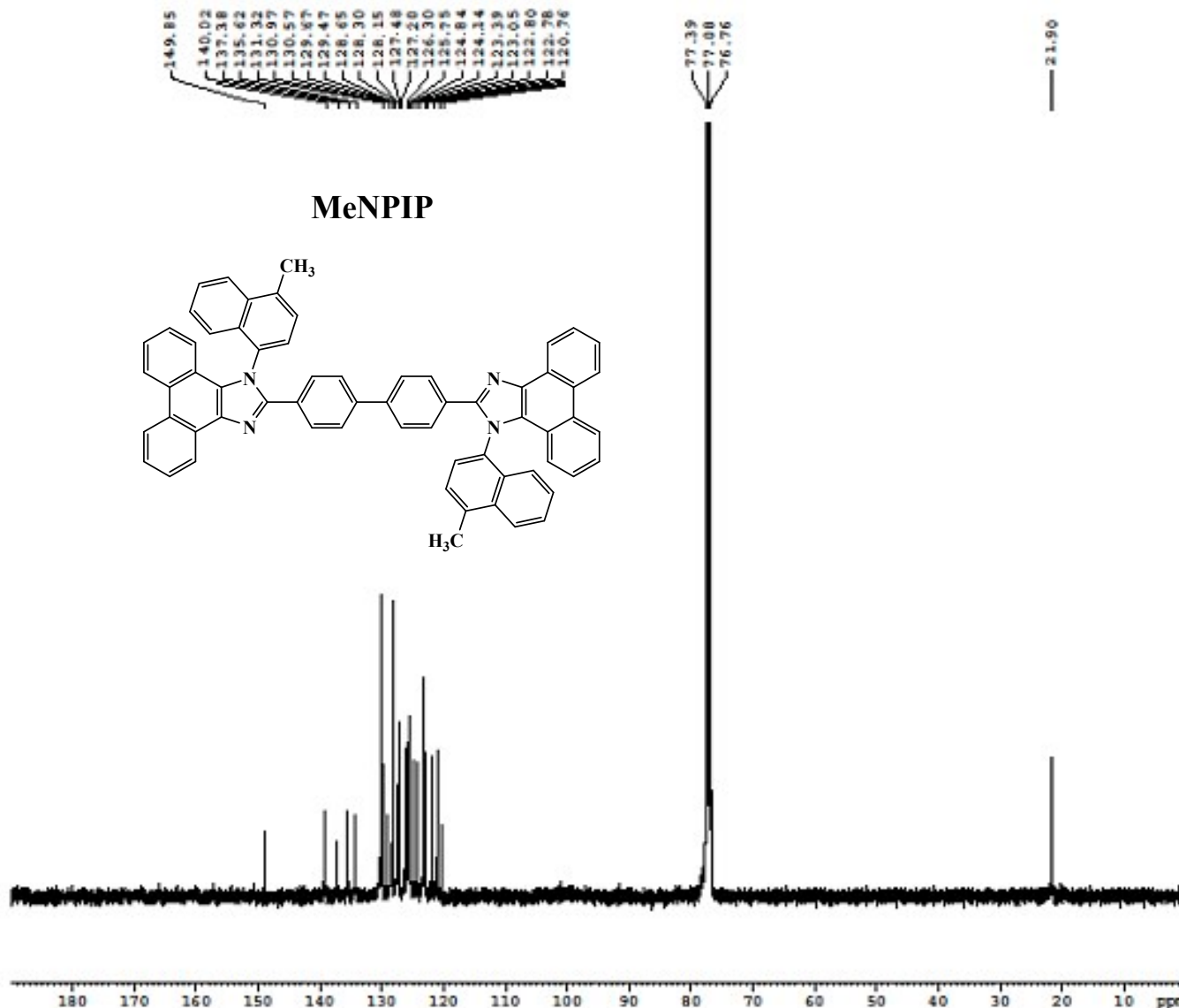
Current Data Parameters
NAME AP-5
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20151005
Time 12.40
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 16
DS 2
SWH 8223.685 Hz
FIDRES 0.125483 Hz
AQ 3.9846387 sec
RG 109.79
DW 60.800 usec
DE 6.50 usec
TE 0 K
D1 1.00000000 sec

----- CHANNEL f1 -----
NUC1 1H
P1 13.50 usec
PLW1 11.00000000 W
SFO1 400.1324710 MHz

F2 - Processing parameters
SI 65536
SF 400.1300000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

AP-5 A. PRABHAKARAN



Current Data Parameters
NAME AP-5
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20151007
Time 14.59
INSTRUM spect
PROBHD 5 mm PA1BO BB-
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 2000
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.3631988 sec
RG 195.62
DW 20.800 usec
DE 6.50 usec
TE 294.6 K
D1 2.0000000 sec
D11 0.0300000 sec

----- CHANNEL f1 -----
NUC1 13C
P1 8.25 usec
PLW1 55.40000153 W
SFO1 100.6228293 MHz

----- CHANNEL f2 -----
CPDPRG2 waltz16
NUC2 1H
PCPD2 90.00 usec
PLW2 11.00000000 W
PLW12 0.24750000 W
PLW13 0.20048000 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

AP-6 A. PRABHAKARAN

8.875
8.835
8.751
8.731
8.710
8.697
7.771
7.751
7.693
7.677
7.621
7.596
7.567
7.549
7.519
7.497
7.333
7.160
6.993
6.977
6.967
6.949
6.929
6.916
6.896
6.877
6.851
6.845

3.783



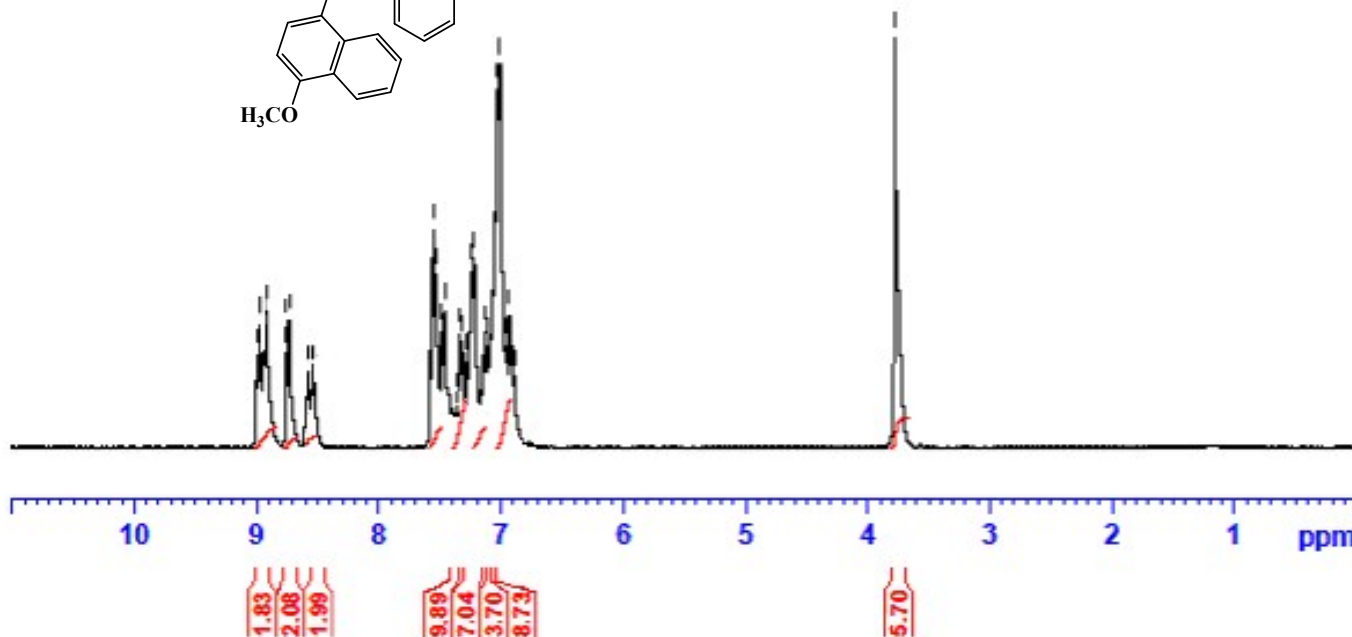
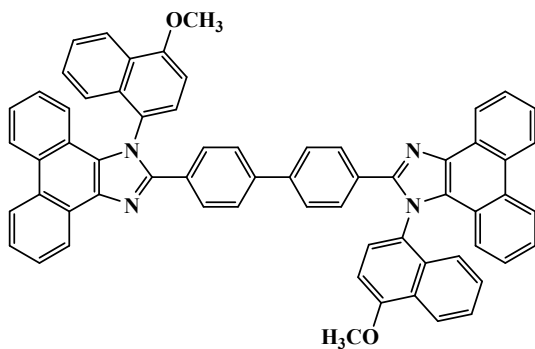
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EXPNO 1
PROCNO 1

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Time 12.40
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 16
DS 2
SWH 8223.685 Hz
FIDRES 0.125483 Hz
AQ 3.9846387 sec
RG 109.79
DW 60.800 usec
DE 6.50 usec
TE 0 K
D1 1.00000000 sec

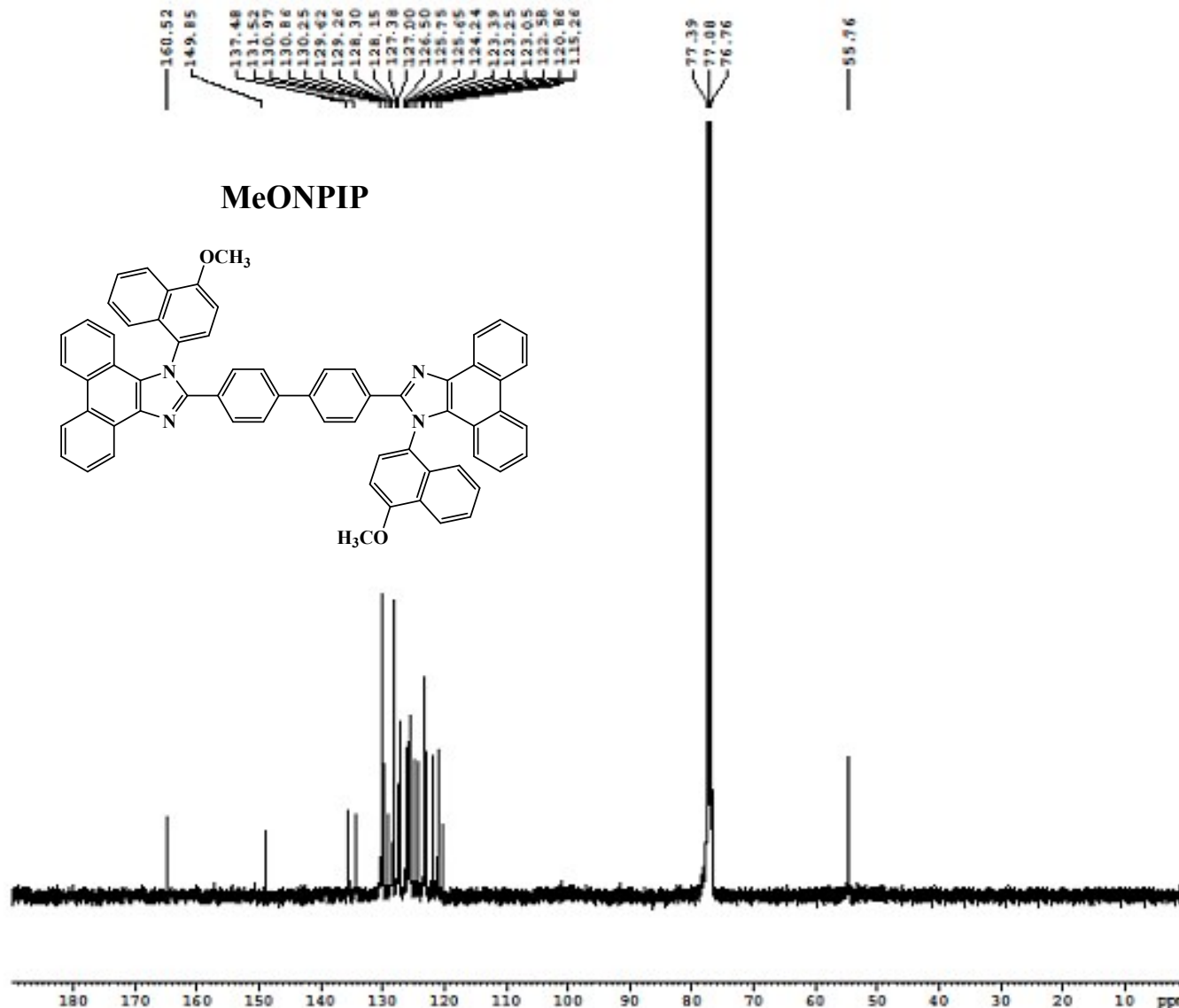
----- CHANNEL f1 -----
NUC1 1H
P1 13.50 usec
PLW1 11.00000000 W
SFO1 400.1324710 MHz

F2 - Processing parameters
SI 65536
SF 400.1300000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

MeONPIP



AP-6 A. PRABHAKARAN



Current Data Parameters
NAME AP-6
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20151016
Time 14.59
INSTRUM spect
PROBHD 5 mm PABBO BH-
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 2000
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.3631988 sec
RG 195.62
DW 20.800 usec
DE 6.50 usec
TE 294.6 K
D1 2.00000000 sec
D11 0.03000000 sec

----- CHANNEL f1 -----
NUC1 13C
P1 8.25 usec
PLW1 55.40000153 W
SFO1 100.6228293 MHz

----- CHANNEL f2 -----
CPDPRG2 waltz16
NUC2 1H
PCPD2 90.00 usec
PLW2 11.00000000 W
PLW12 0.24750000 W
PLW13 0.20048000 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