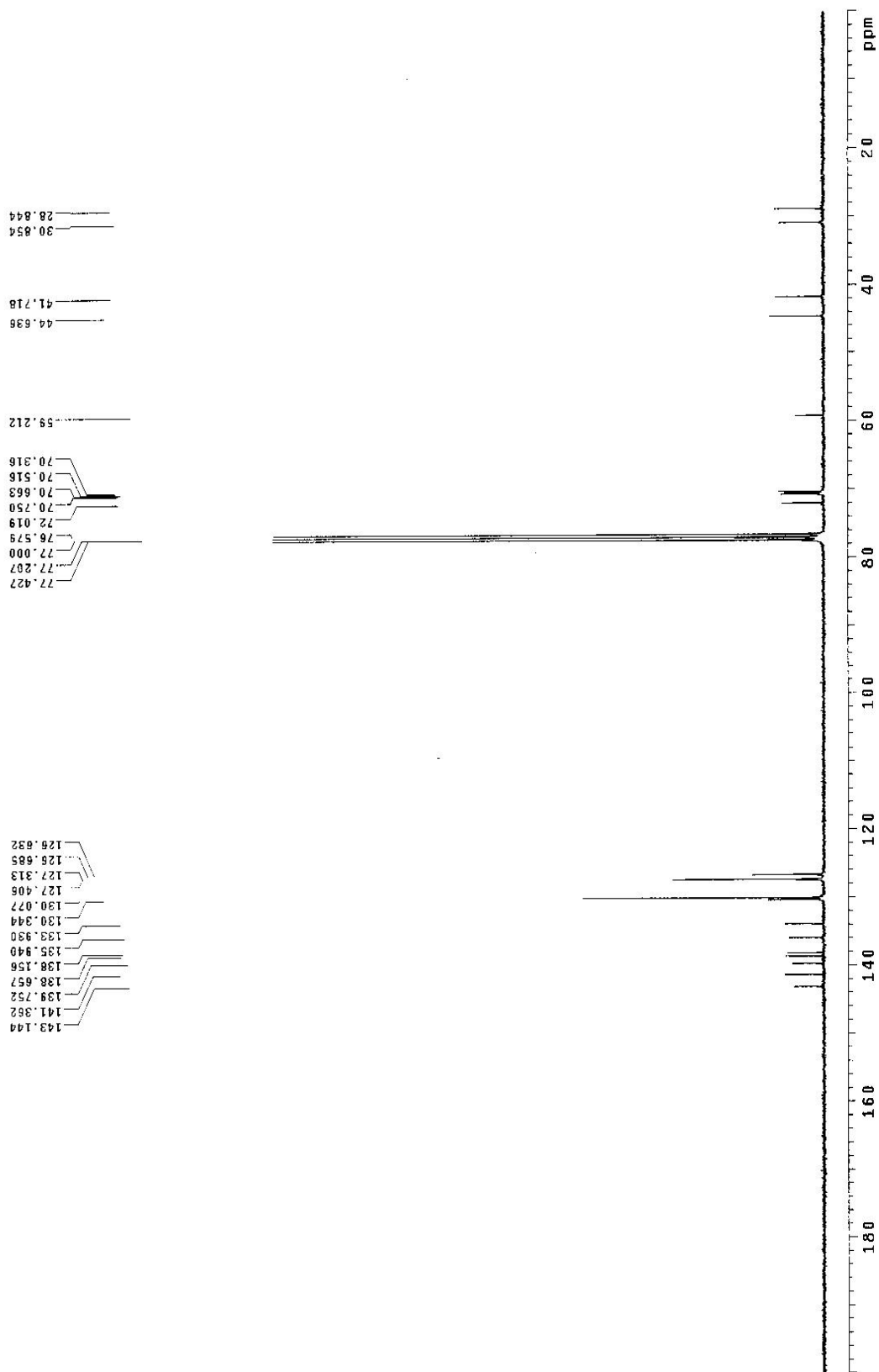
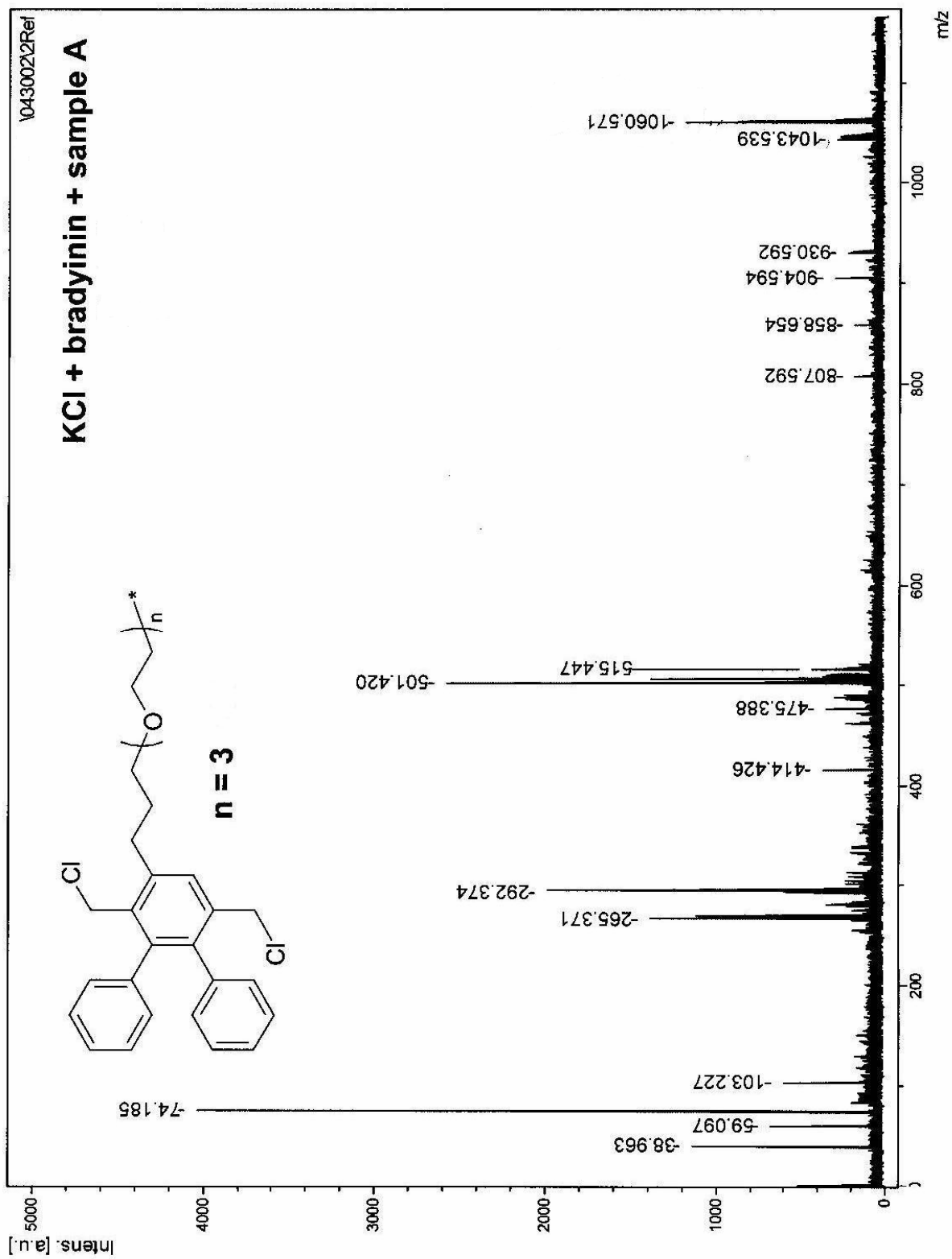


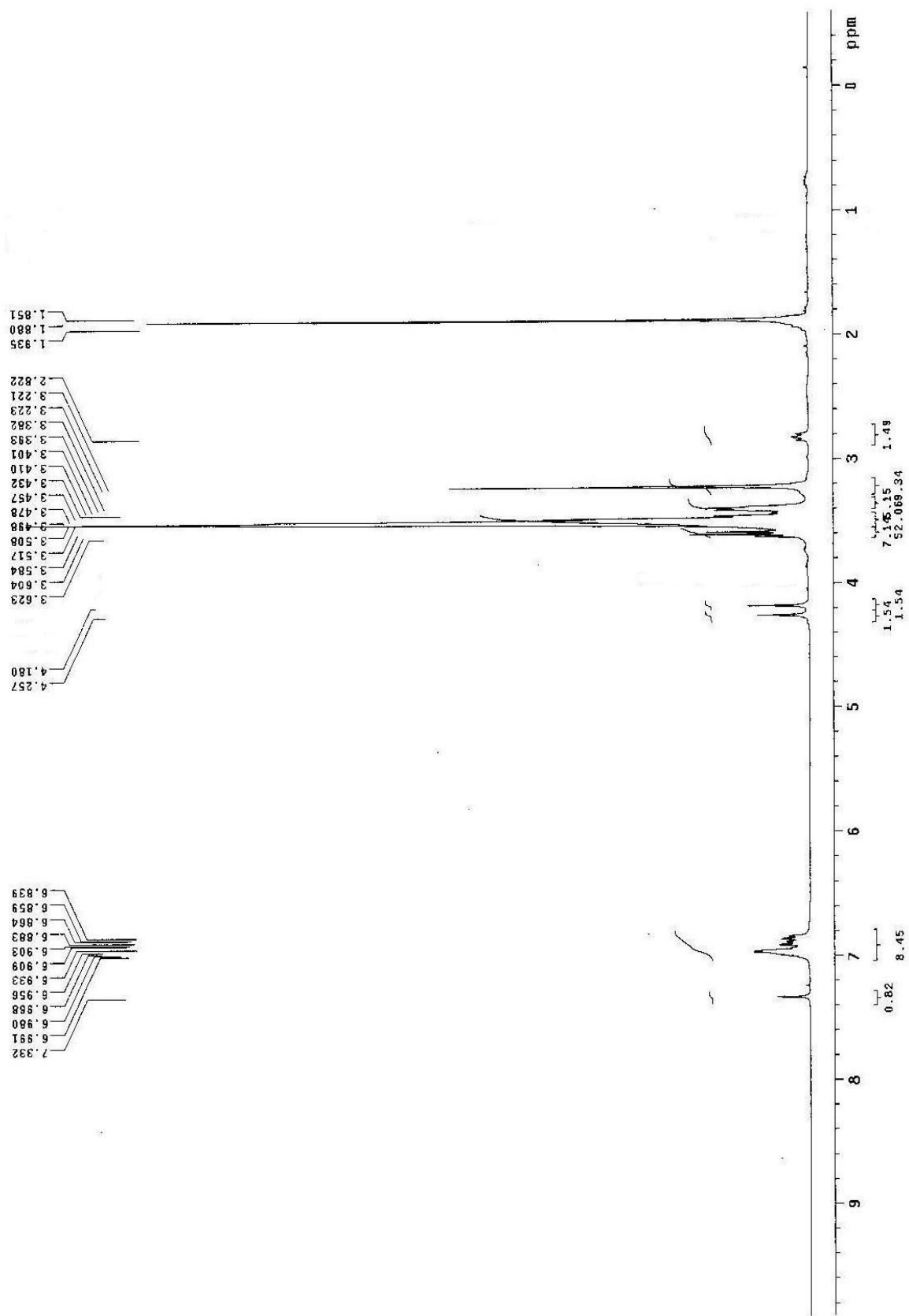
附圖 1. $^1\text{H-NMR}$ of 5a



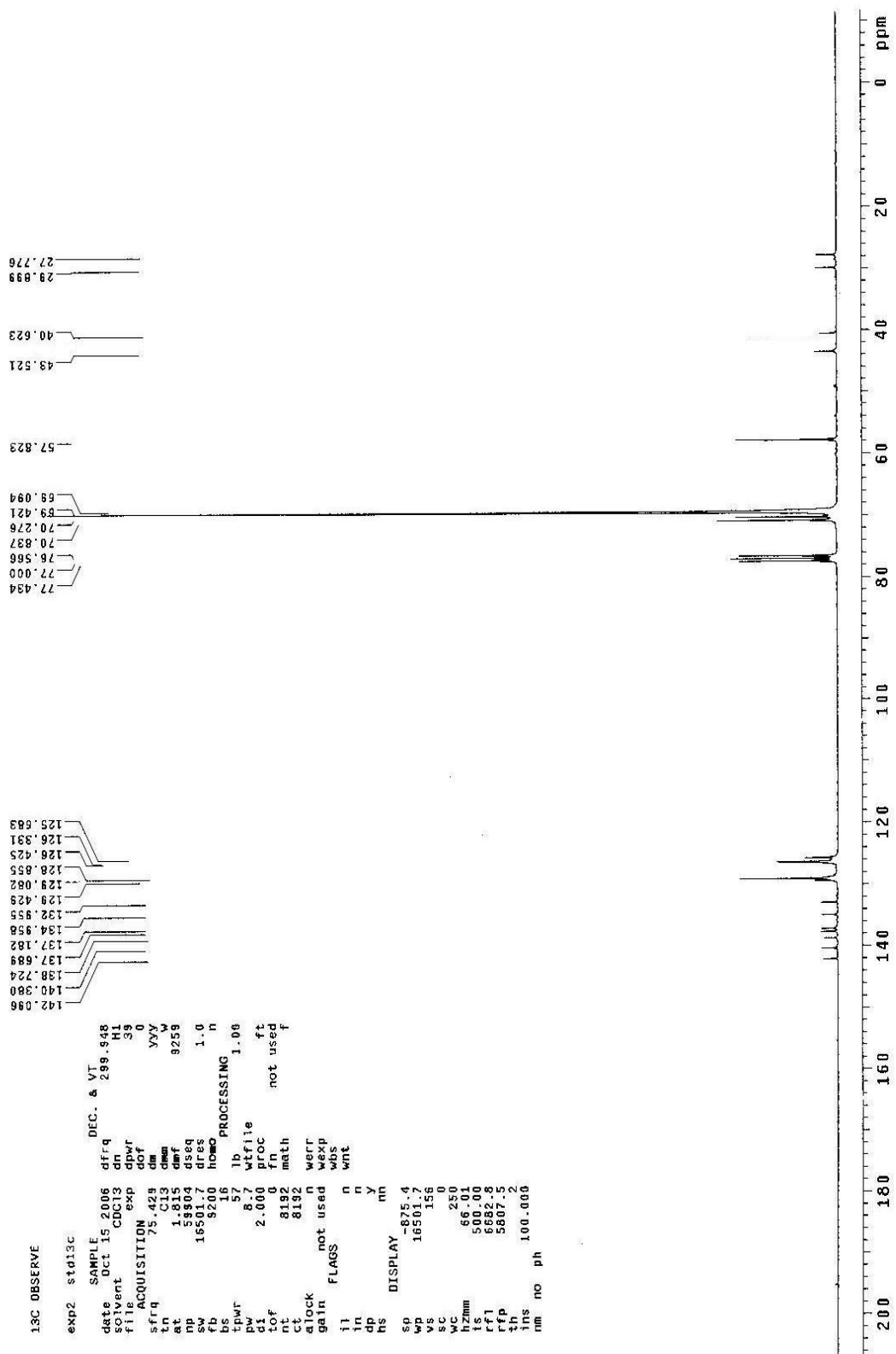
附圖 2. ^{13}C -NMR of 5a



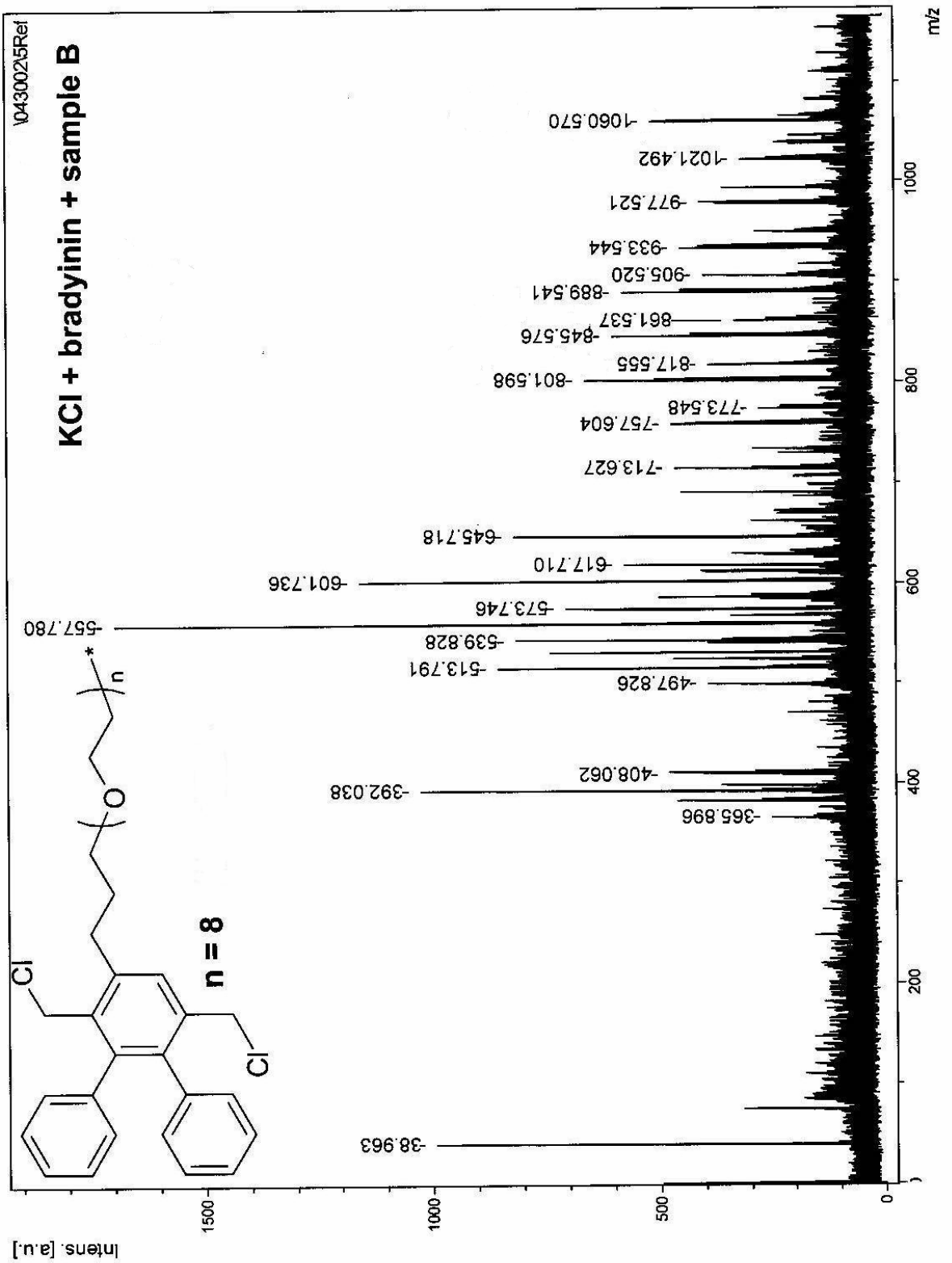
附圖 3. MALDI spectrum of 5a



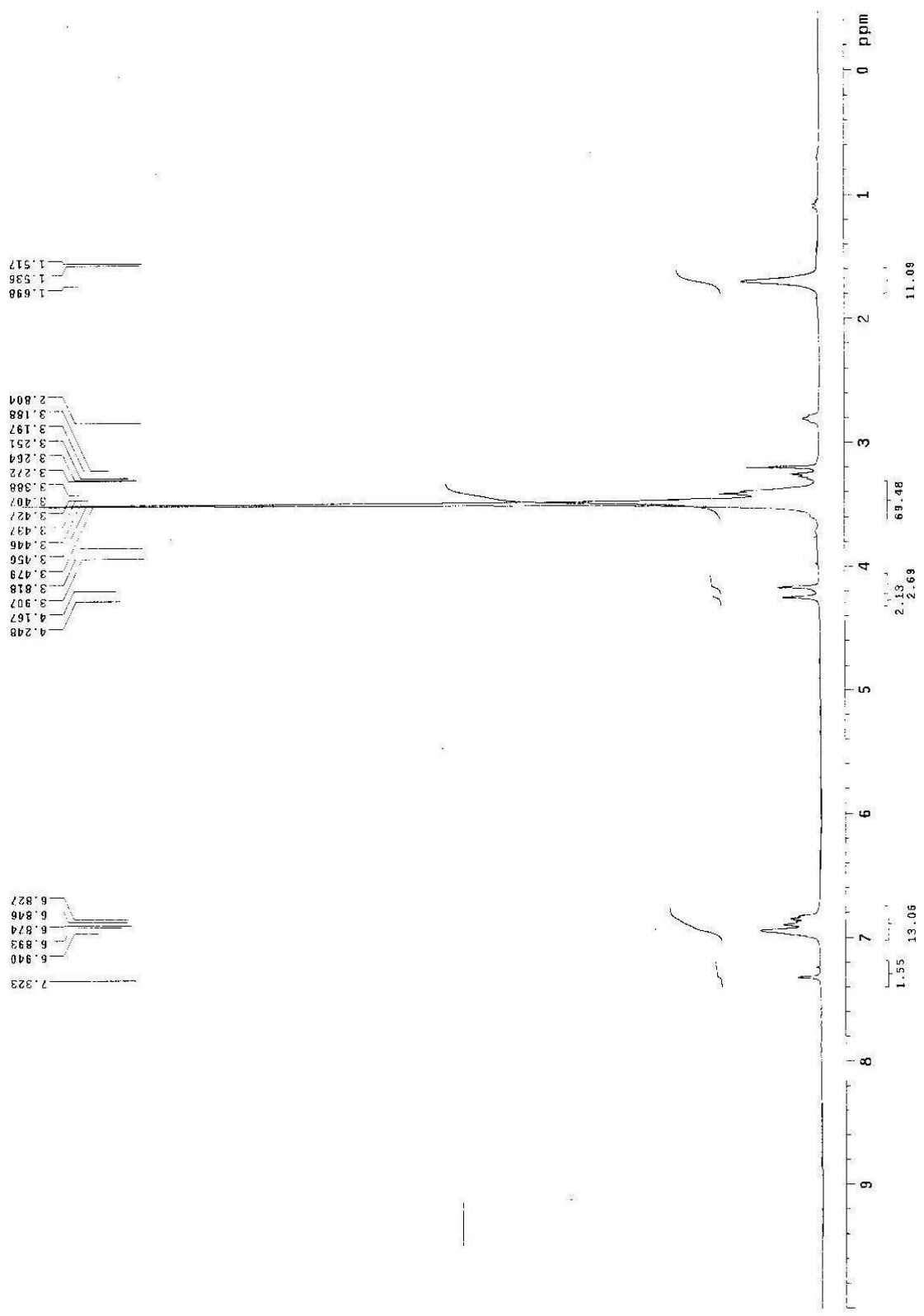
附圖 4. $^1\text{H-NMR}$ of 5b



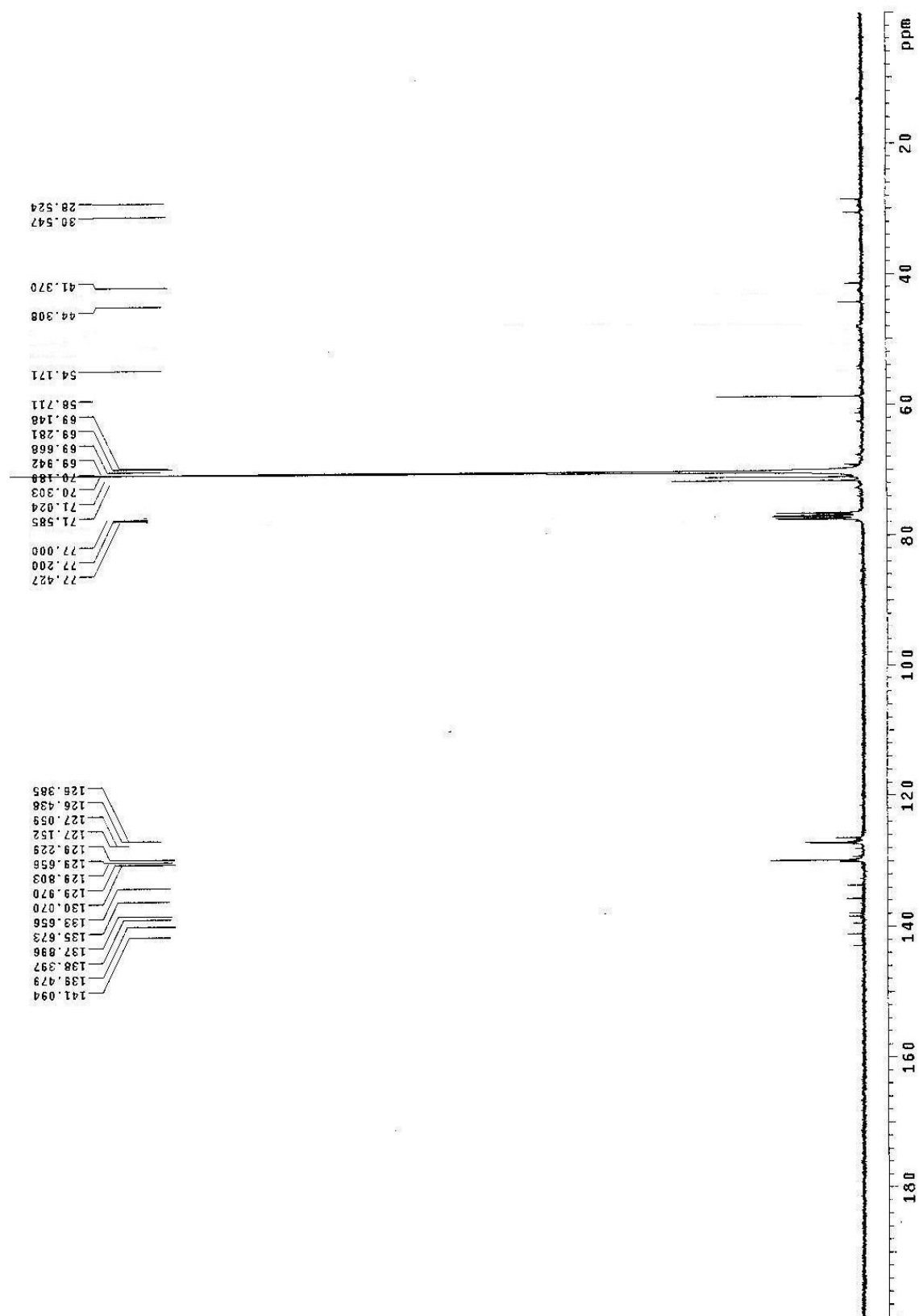
附圖 5. ^{13}C -NMR of 5b



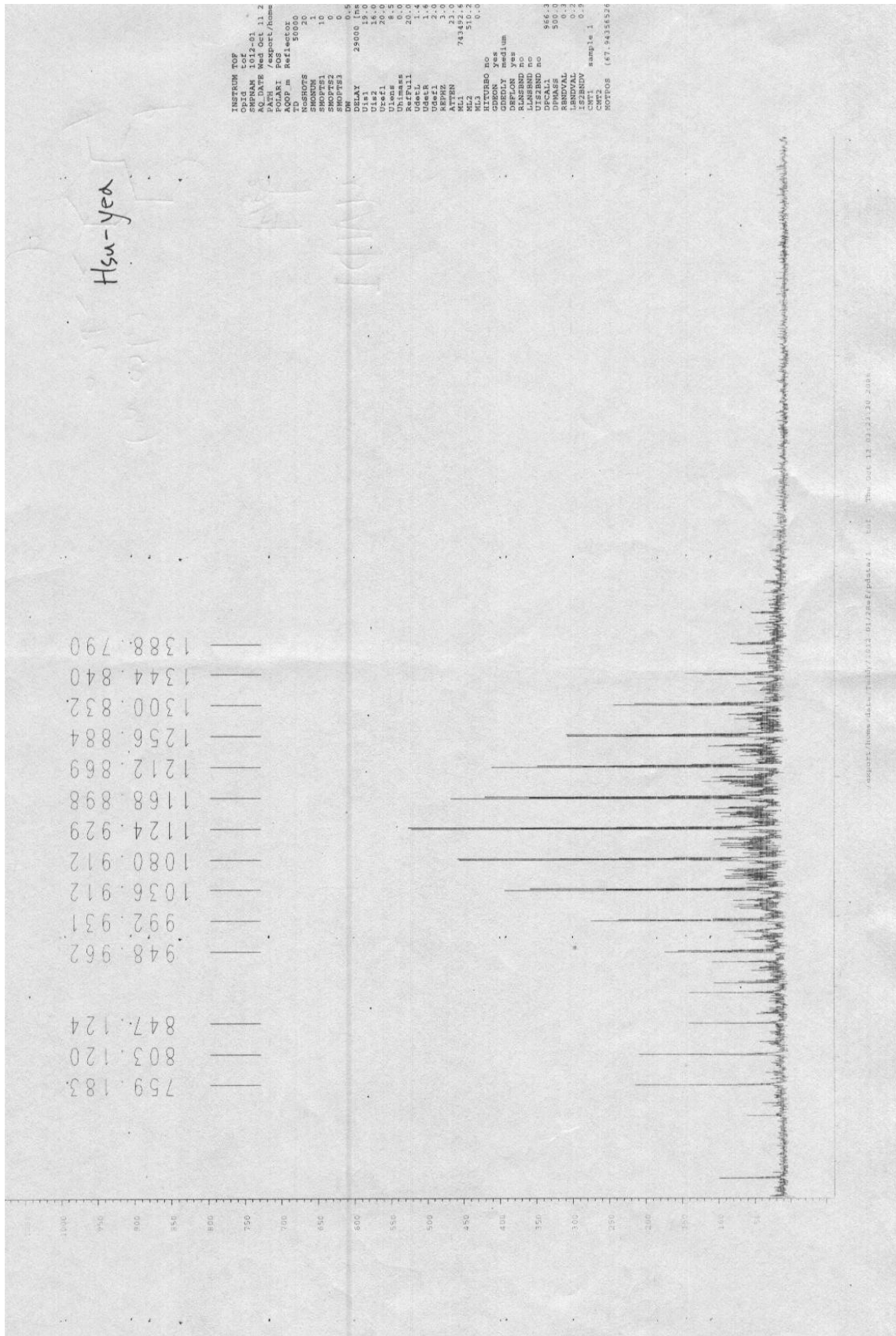
附圖 6. MALDI spectrum of 5b



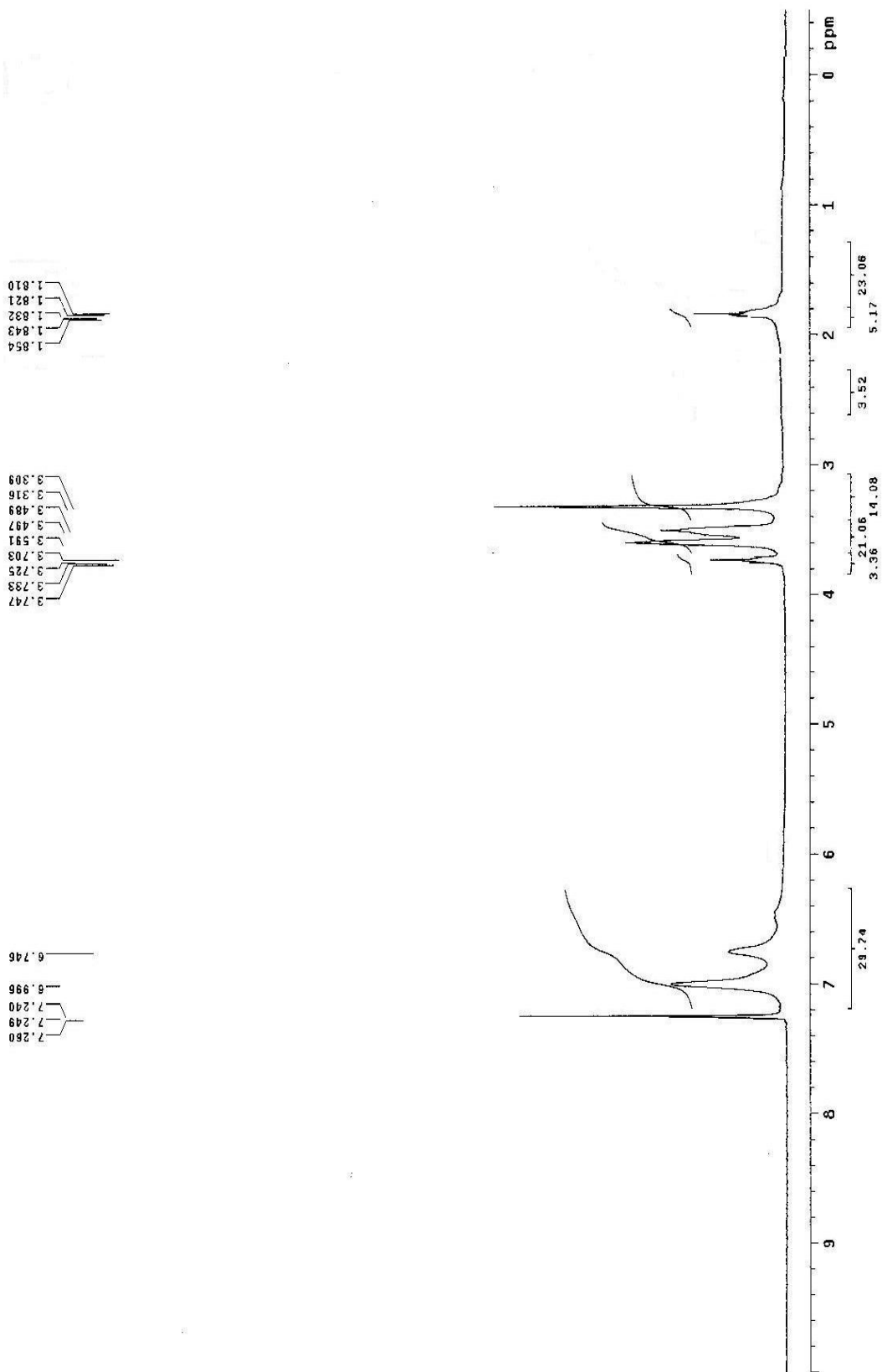
附圖 7. $^1\text{H-NMR}$ of 5c



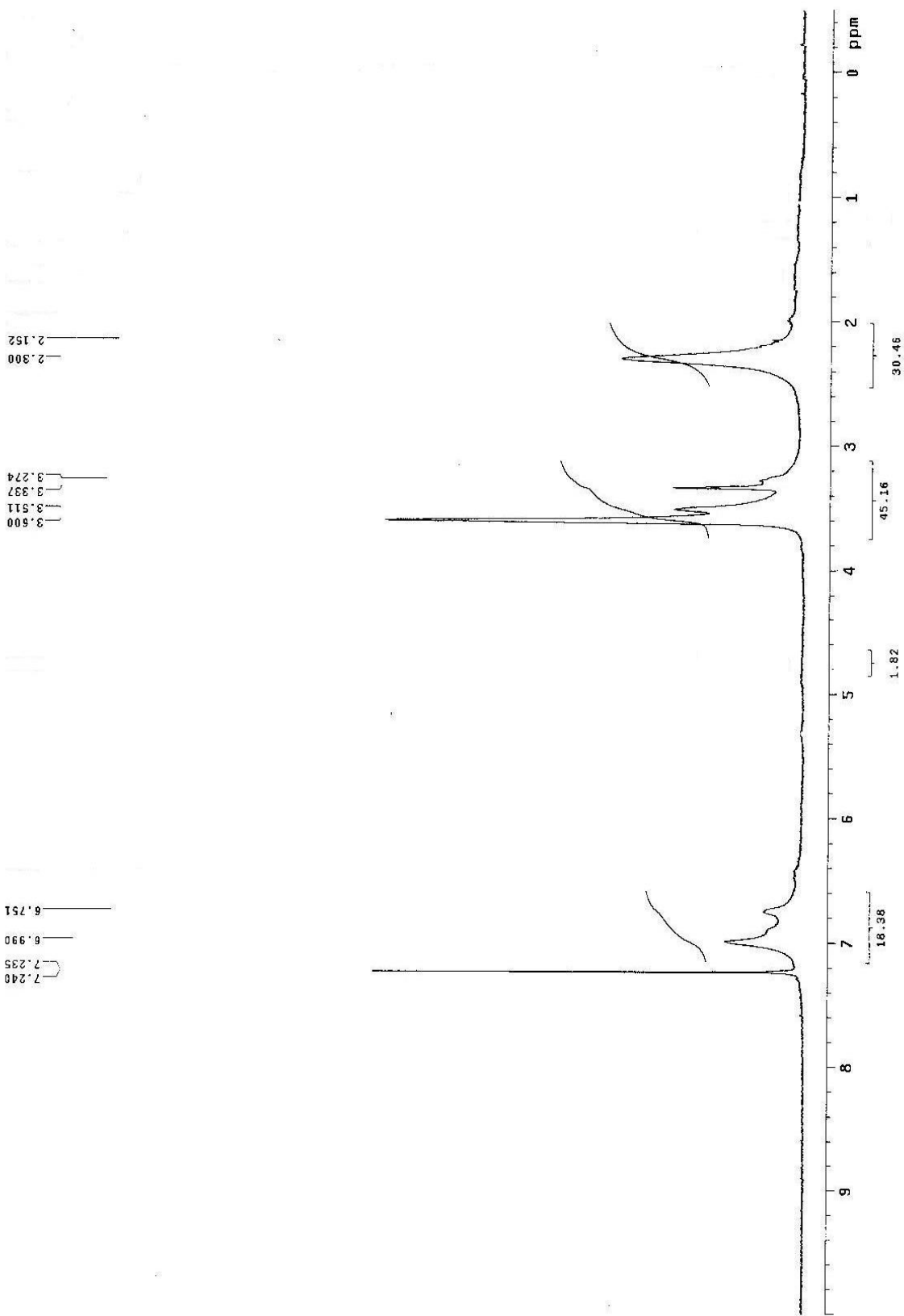
附圖 8. $^{13}\text{C-NMR}$ of 5c



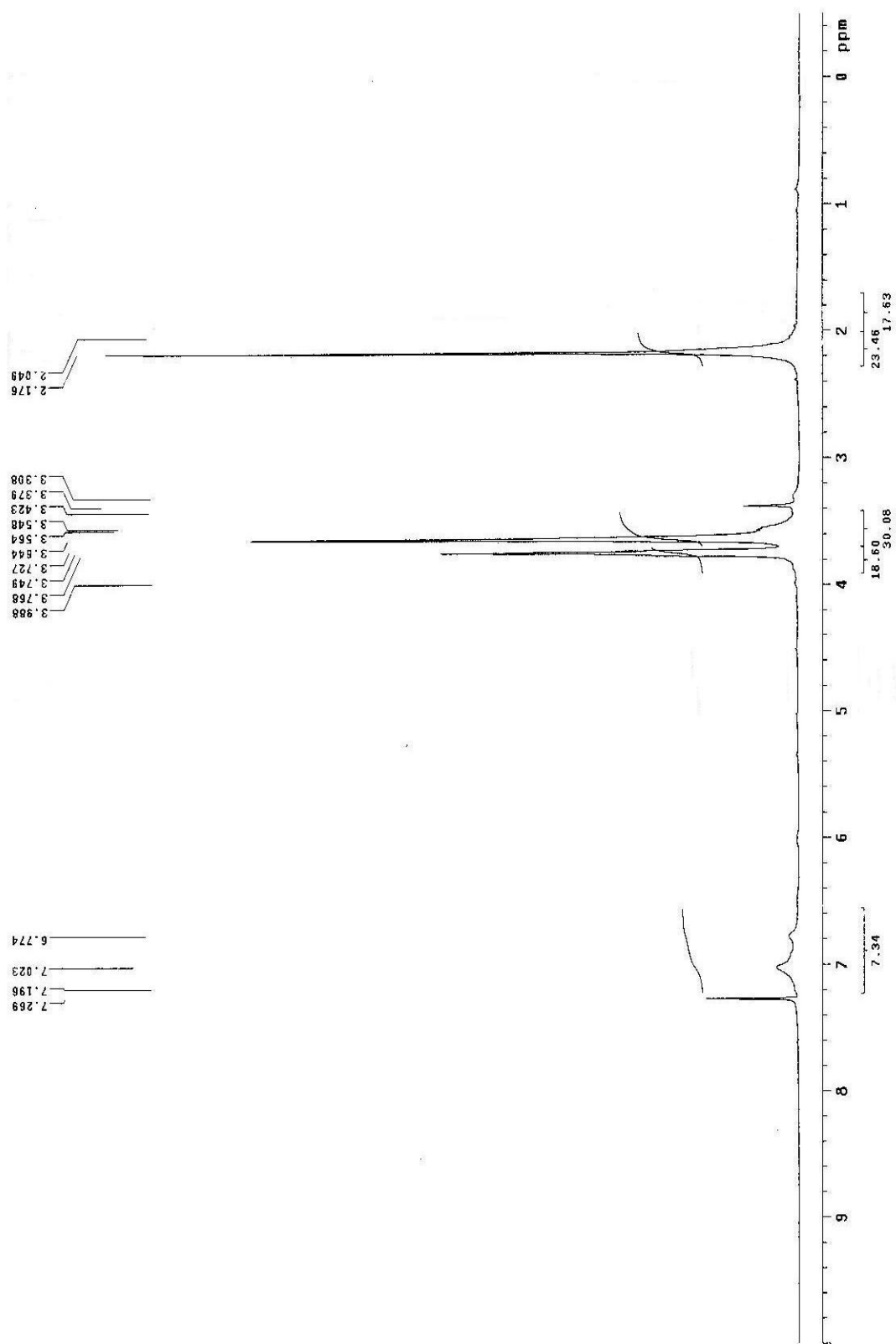
附圖 9. MALDI spectrum of 5c



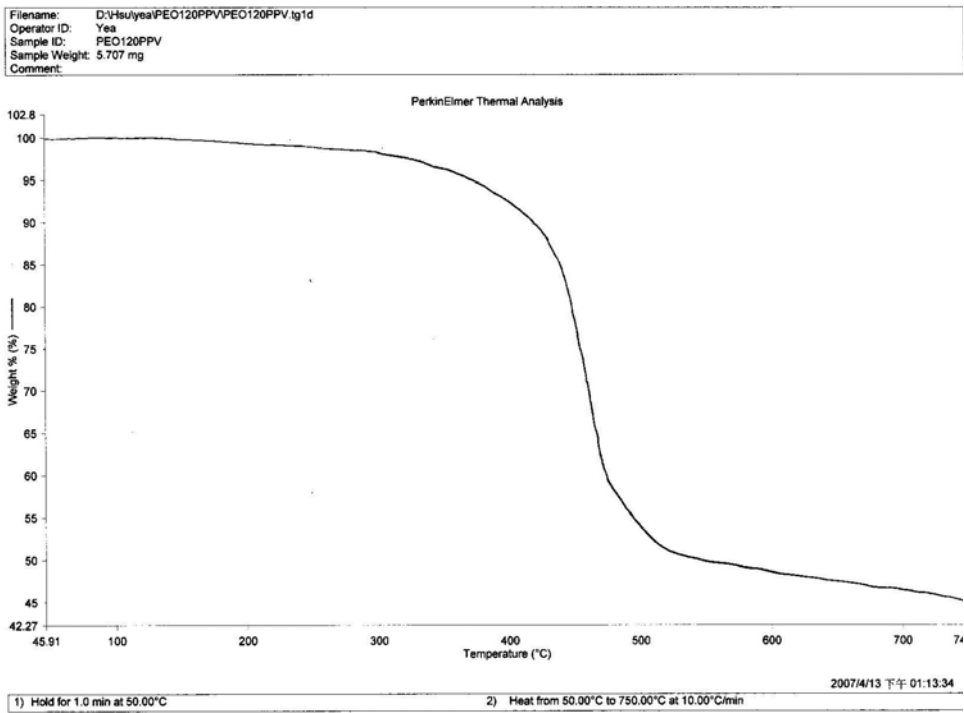
附圖 10. $^1\text{H-NMR}$ of P1



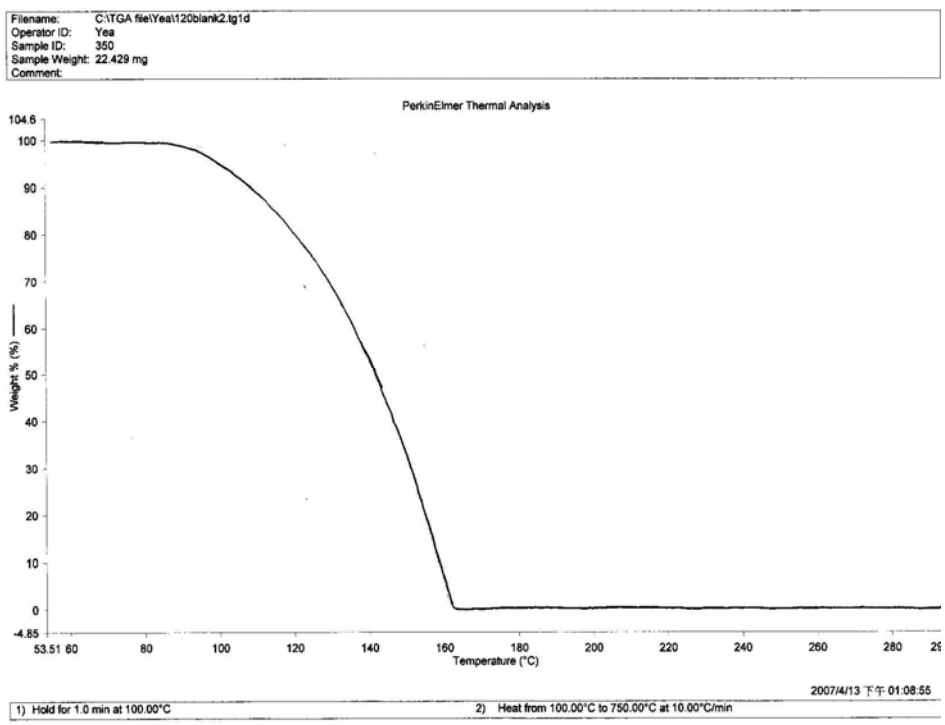
附圖 11. $^1\text{H-NMR}$ of P2



附圖 12. $^1\text{H-NMR}$ of P3



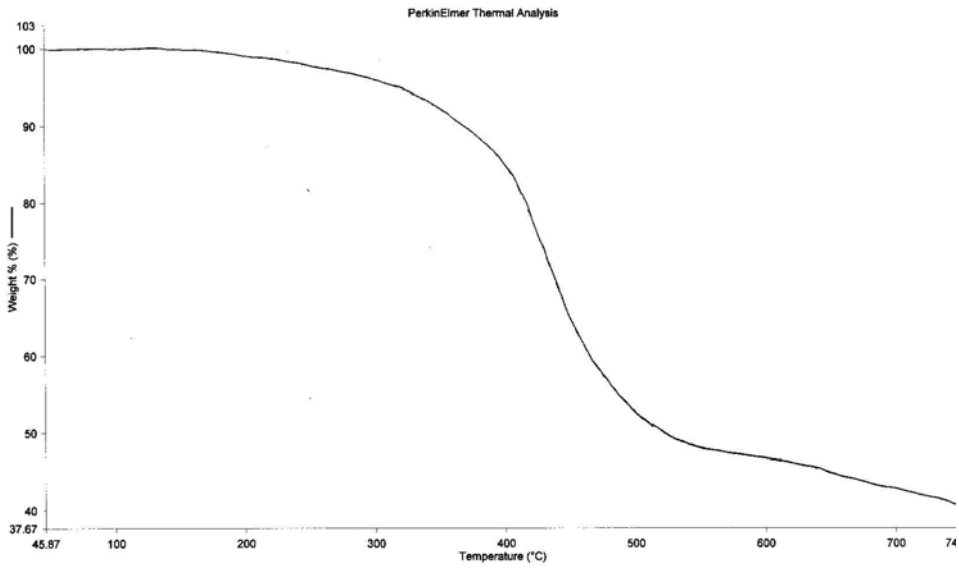
TGA of P1



TGA of PEO(Mw:120)

附圖 13.

Filename: D:\Hsu\yes\PEO-PPV\PEO(35)-PPV.tg1d
Operator ID: PEO(350)-PPV
Sample ID: PEO(350)-PPV
Sample Weight: 3.251 mg
Comment:



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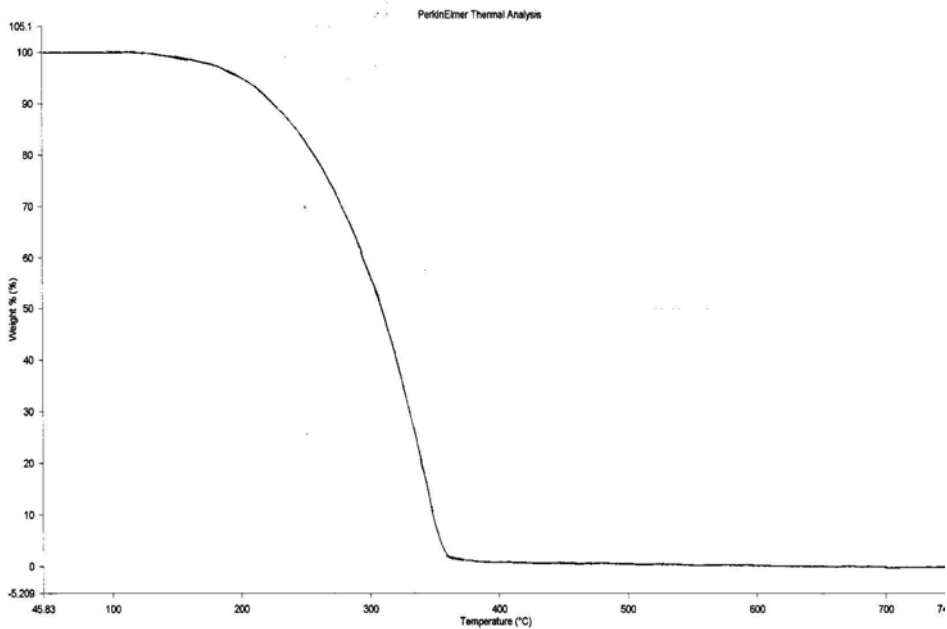
1) Hold for 1.0 min at 50.00°C

2) Heat from 50.00°C to 750.00°C at 10.00°C/min

TGA of P2



Filename: D:\Hsu\yes\1205\PEO350 01.tg1d
Operator ID: yes
Sample ID: PEO350
Sample Weight: 20.371 mg
Comment:



2006/12/6 下午 11:31:30

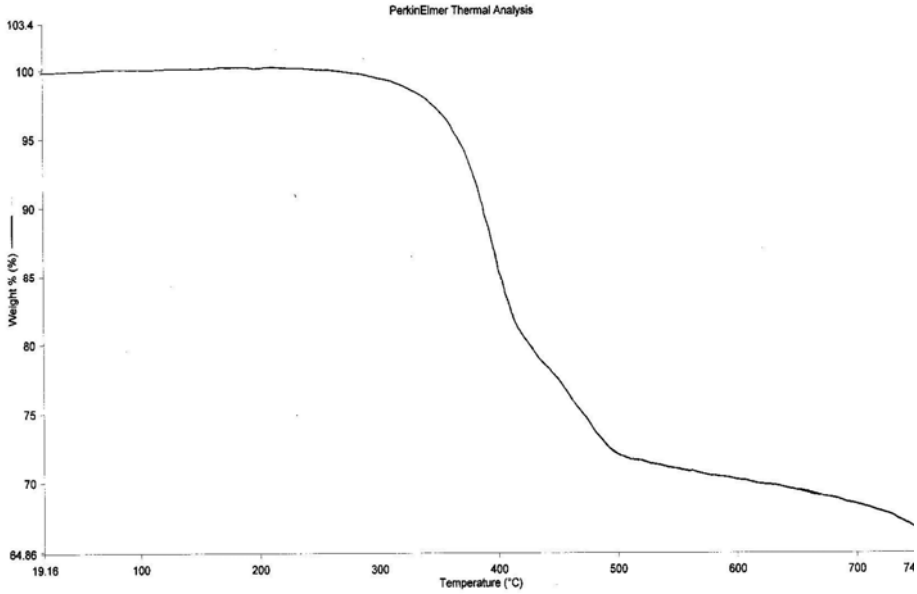
1) Hold for 1.0 min at 50.00°C

2) Heat from 50.00°C to 750.00°C at 10.00°C/min

TGA of PEO(Mw:350)

附圖 14.

Filename: C:\TGA file\Yea750.tg1d
Operator ID: Yea
Sample ID: 750
Sample Weight: 5.252 mg
Comment:



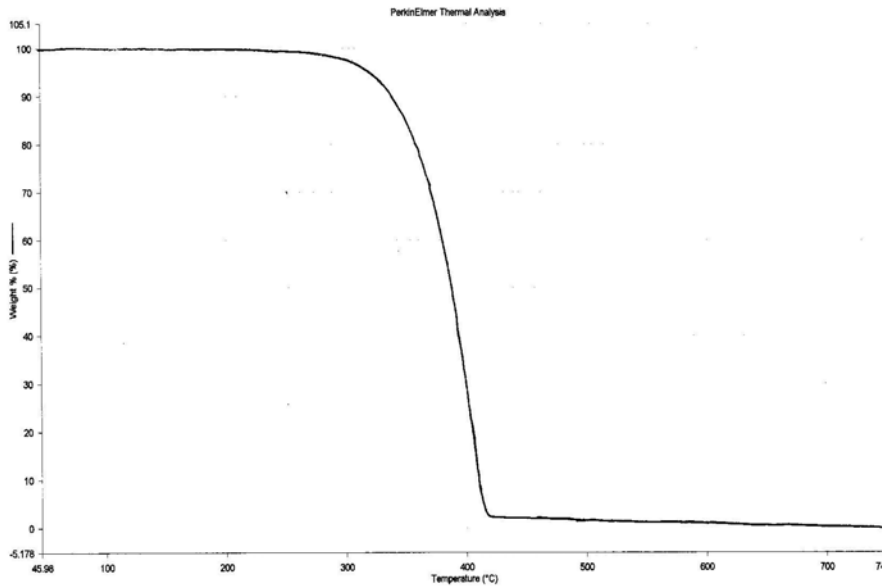
2007/4/9 下午 12:44:27

1) Hold for 1.0 min at 100.00°C

2) Heat from 100.00°C to 750.00°C at 10.00°C/min



Filename: D:\Hui\yen1205\PEO750.tg1d
Operator ID: yea
Sample ID: PEO750
Sample Weight: 13.030 mg
Comment:



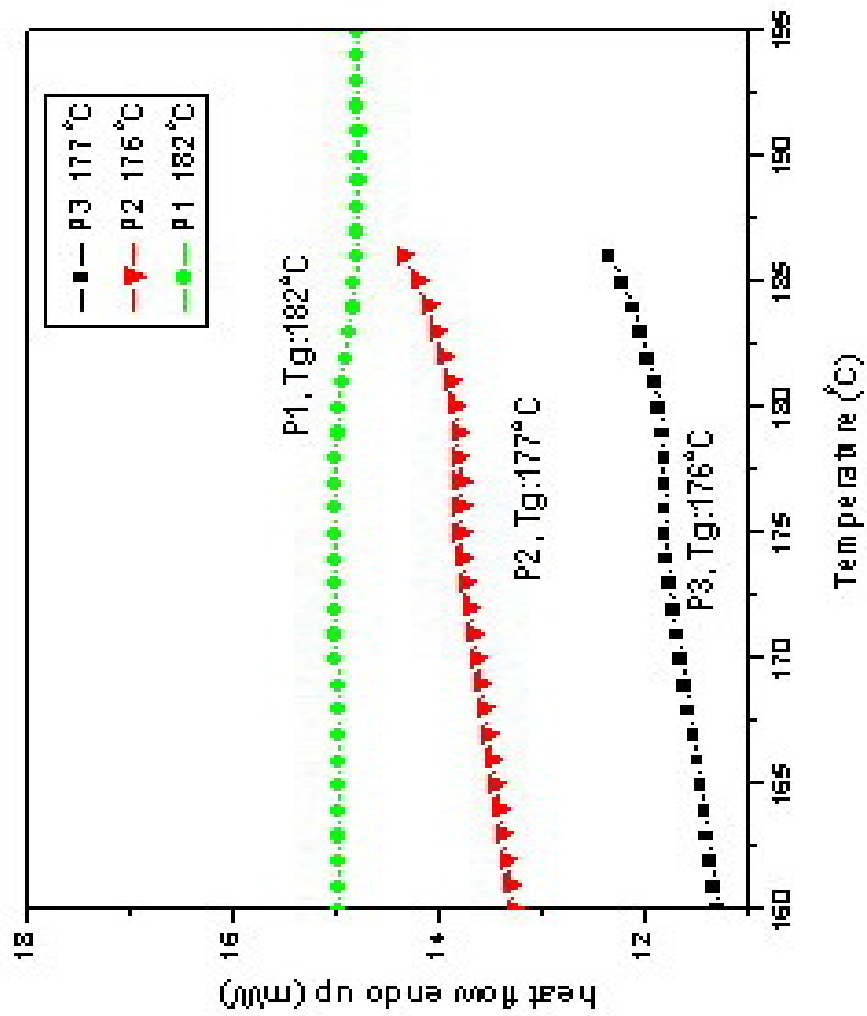
2006/12/5 下午 08:59:52

1) Hold for 1.0 min at 50.00°C

2) Heat from 50.00°C to 750.00°C at 10.00°C/min

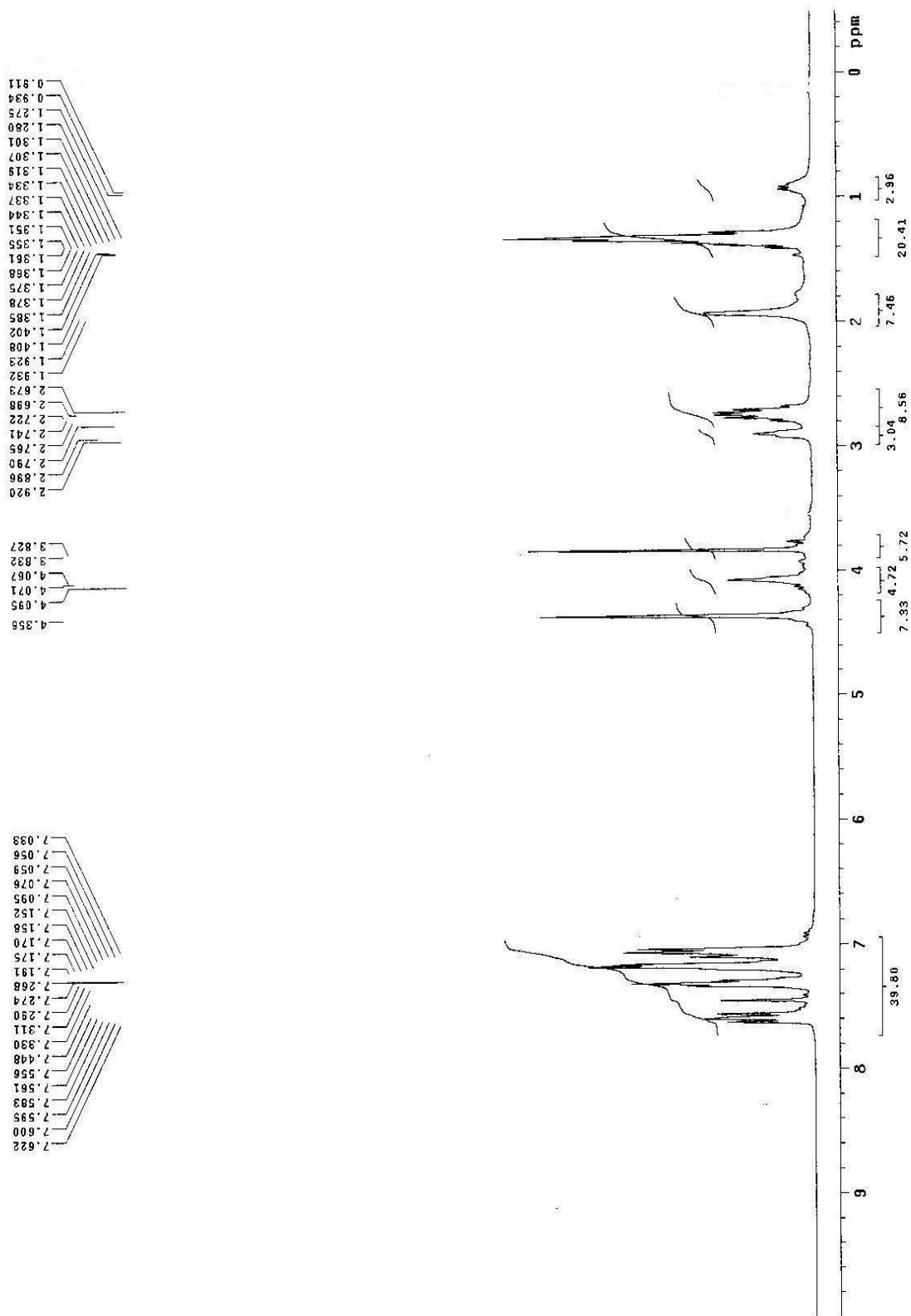
TGA of PEO(Mw:750)

附圖 15.

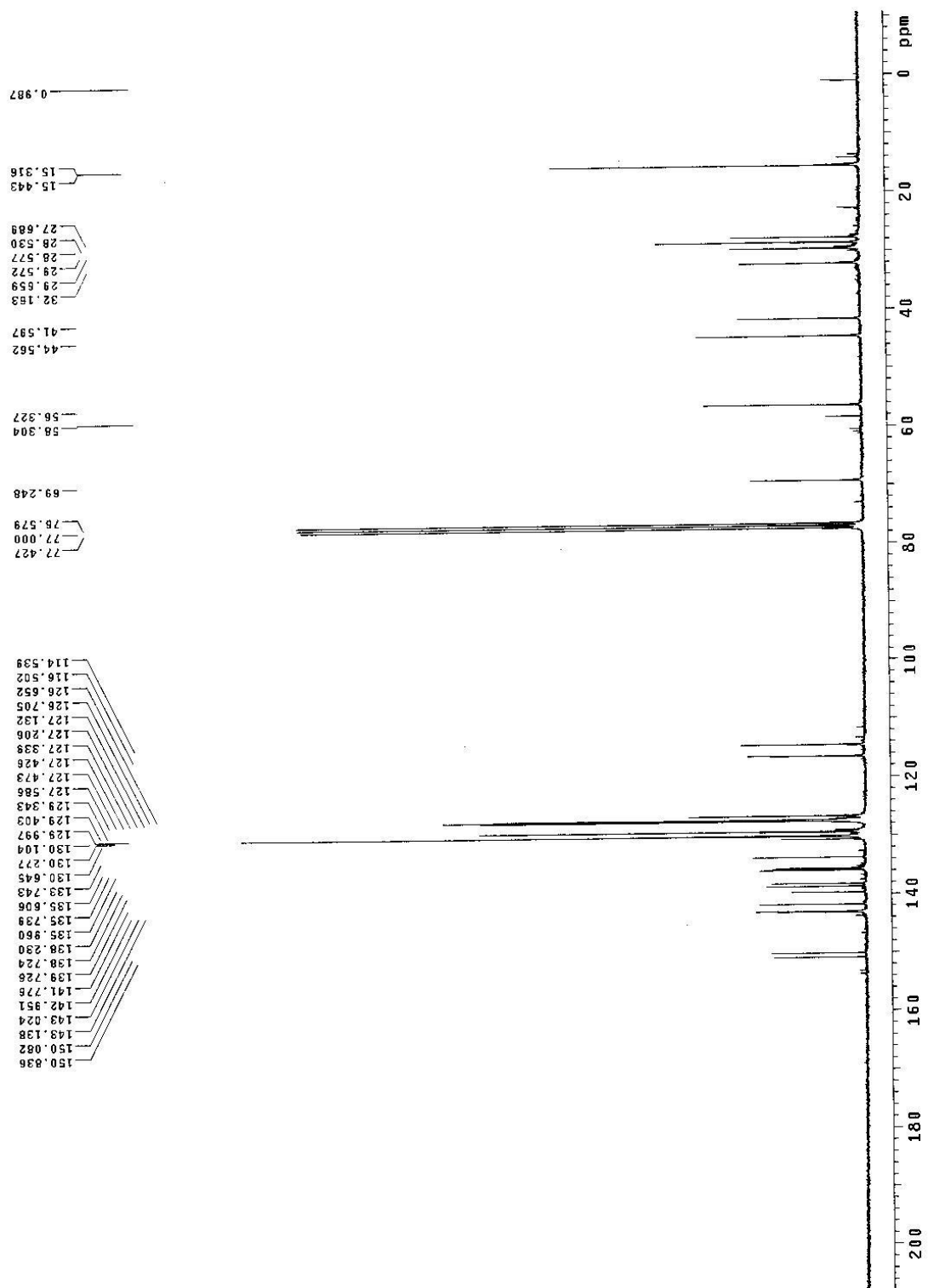


DSC of P1~P3

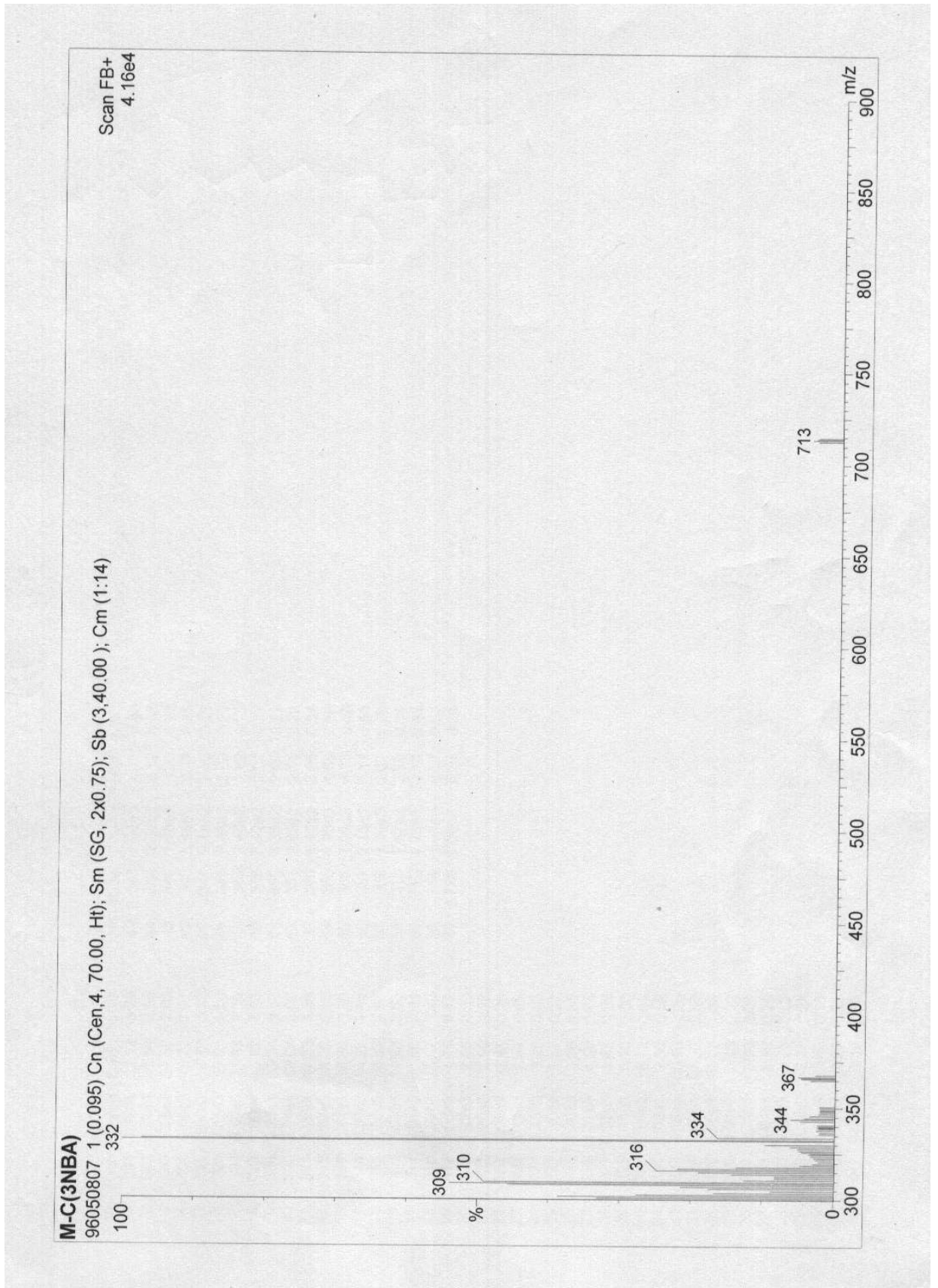
附圖 16.



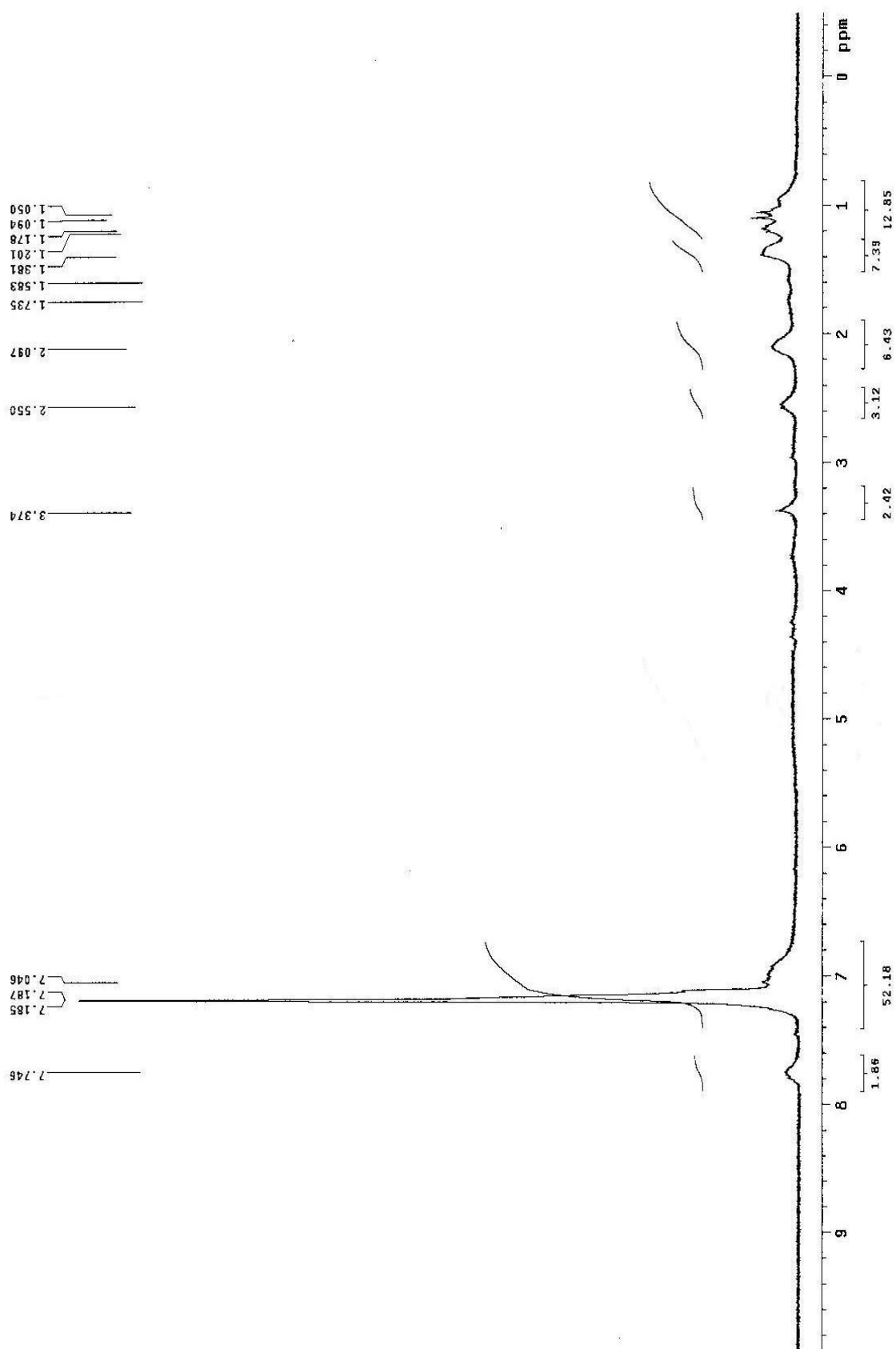
附圖 17. $^1\text{H-NMR}$ of M_1



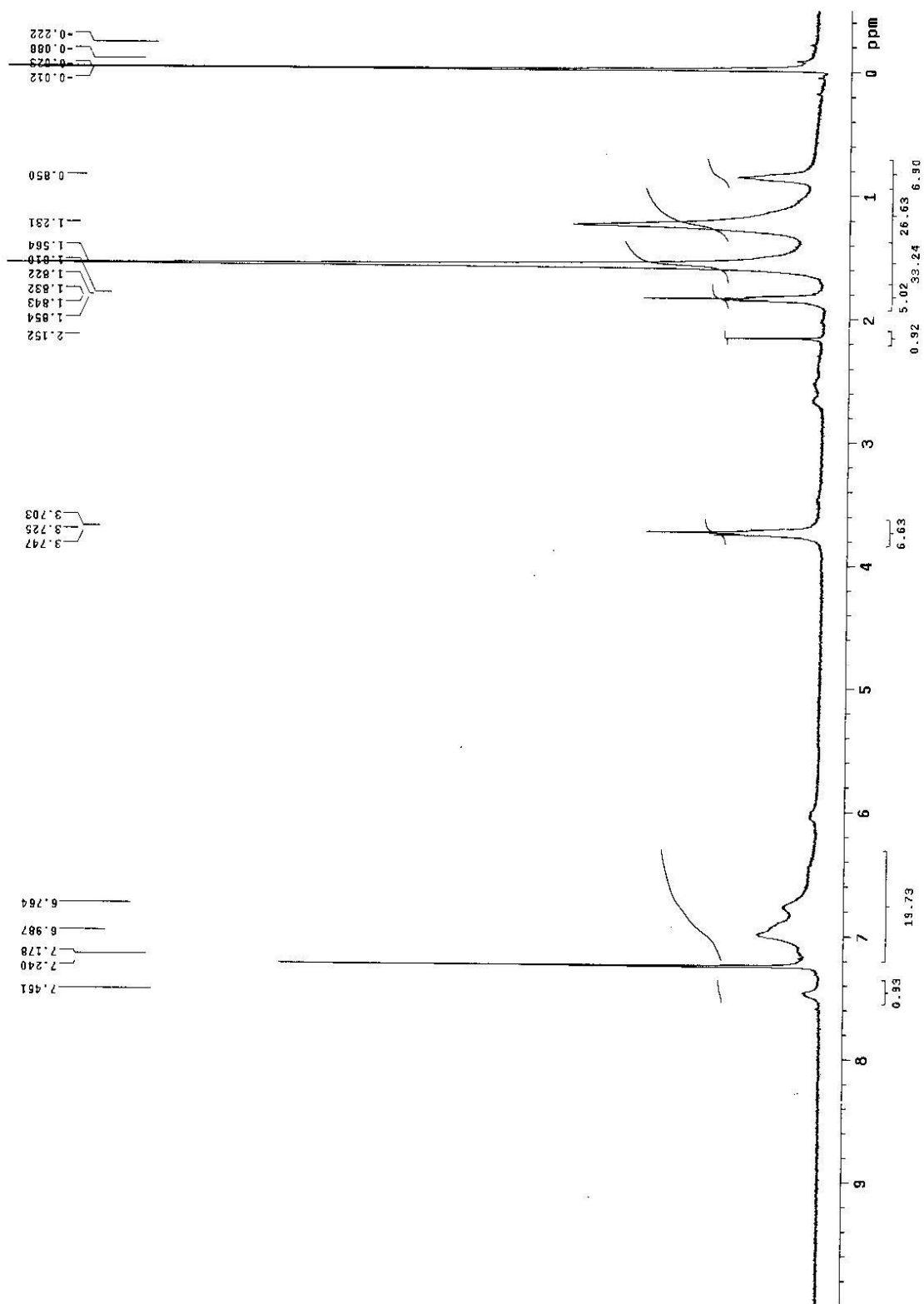
附圖 18. ^{13}C -NMR of M_1



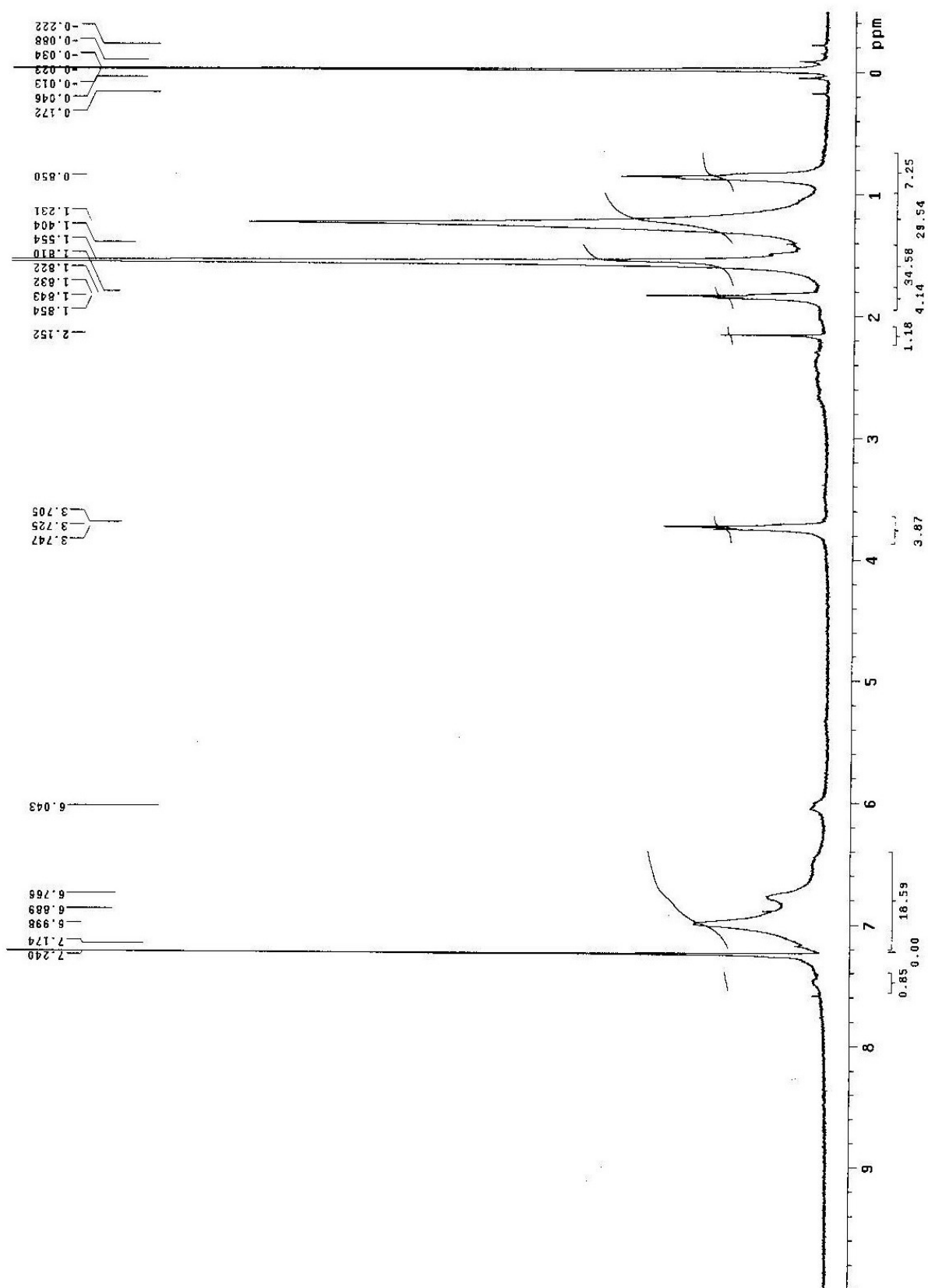
附圖 19. Mass spectrum of M_1



附圖 20. $^1\text{H-NMR}$ of P4



附圖 21. $^1\text{H-NMR}$ of P5



附圖 22. $^1\text{H-NMR}$ of P6