Supplementary Information for

Oxa-Michael Addition Polymerization of Acrylates Catalyzed by N-Heterocyclic Carbenes

Shin-ichi Matsuoka,* Shoko Namera, Masato Suzuki

Department of Materials Science and Engineering, Graduate School of Engineering,

Nagoya Institute of Technology, Gokiso-cho, Showa-ku, Nagoya, Aichi 466-8555, Japan

Fax: +81-52-735-7254; Tel: +81-52-735-7254;

Corresponding Author E-mail: matsuoka.shinichi@nitech.ac.jp

Contents

Figure S1. ^{1}H NMR spectrum of Poly **1**. S3

Figure S2. ^{13}C NMR spectrum of Poly **1**. S4

Figure S3. COSY spectrum of Poly **1**. S5

Figure S4. HMQC spectrum of Poly **1**. S6

Figure S5. ^{1}H NMR spectrum of Poly **2**. S7

Figure S6 ESI-MS spectrum of Poly **2**. S8

Figure S7. ^{1}H NMR spectrum of Poly **3**. S9

Figure S8. ^{13}C NMR spectrum of Poly **3**. S10

Figure S9. ESI-MS spectrum of Poly **3**. S11

Figure S10. ^{1}H NMR spectrum of Poly **4**. S12

Figure S11. ^{13}C NMR spectrum of Poly **4**. S13

Figure S12. ESI-MS spectrum of Poly **4**. S14

Figure S13. ^{1}H NMR spectrum of Poly **8**. S15

Figure S14. COSY spectrum of Poly **8**. S16

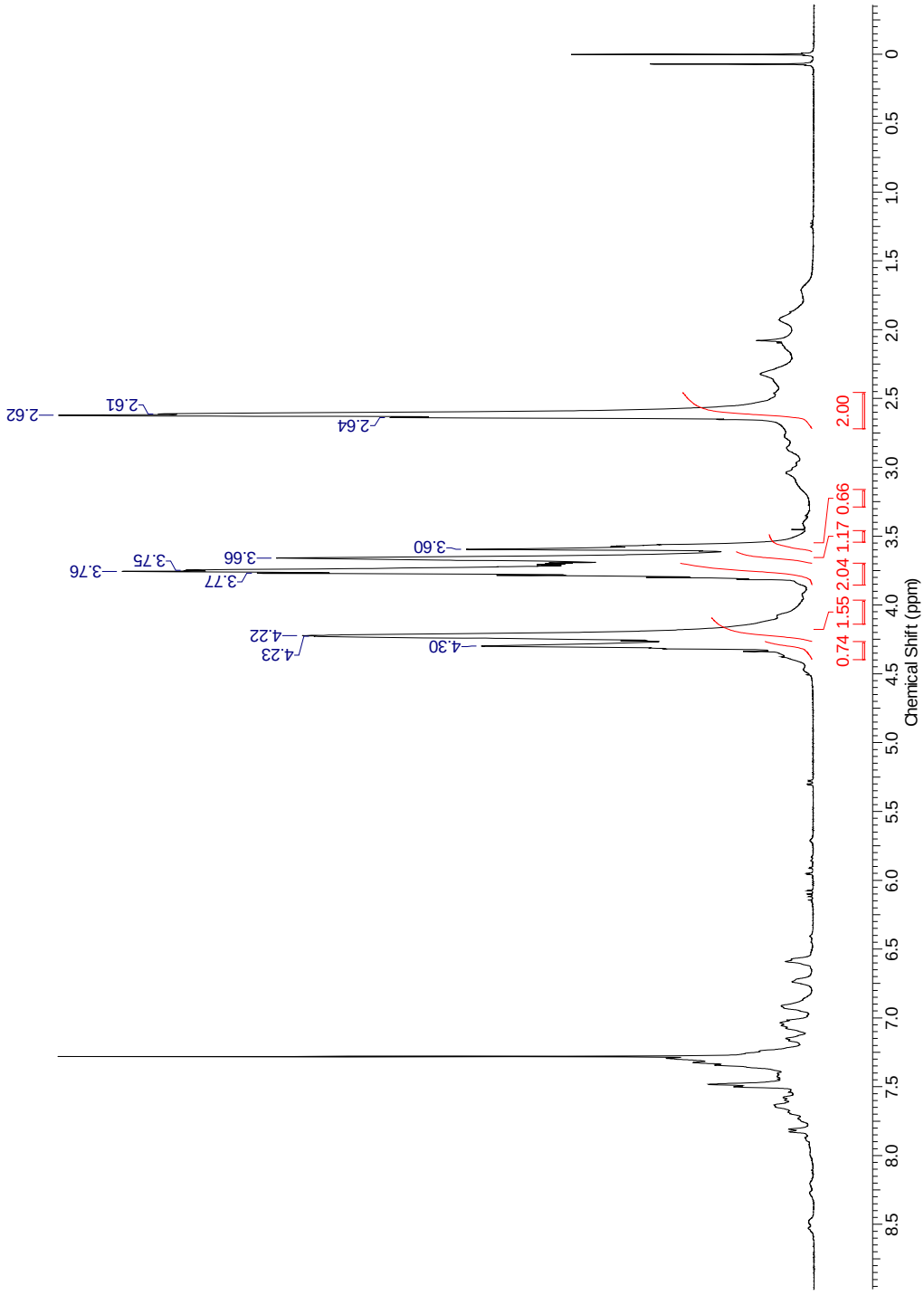

Figure S1. ^{1}H NMR spectrum of Poly 1.

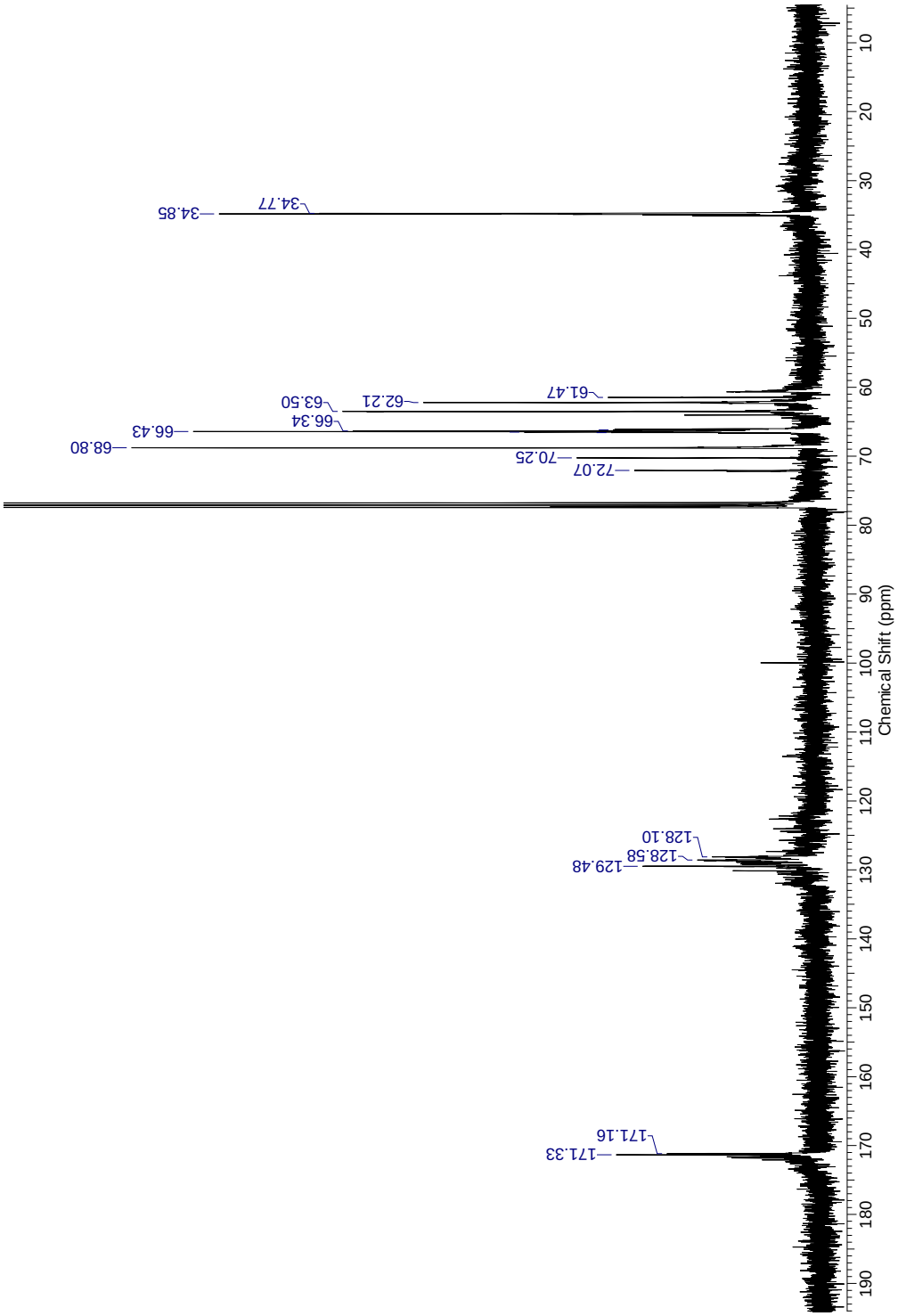

Figure S2. ^{13}C NMR spectrum of Poly 1.

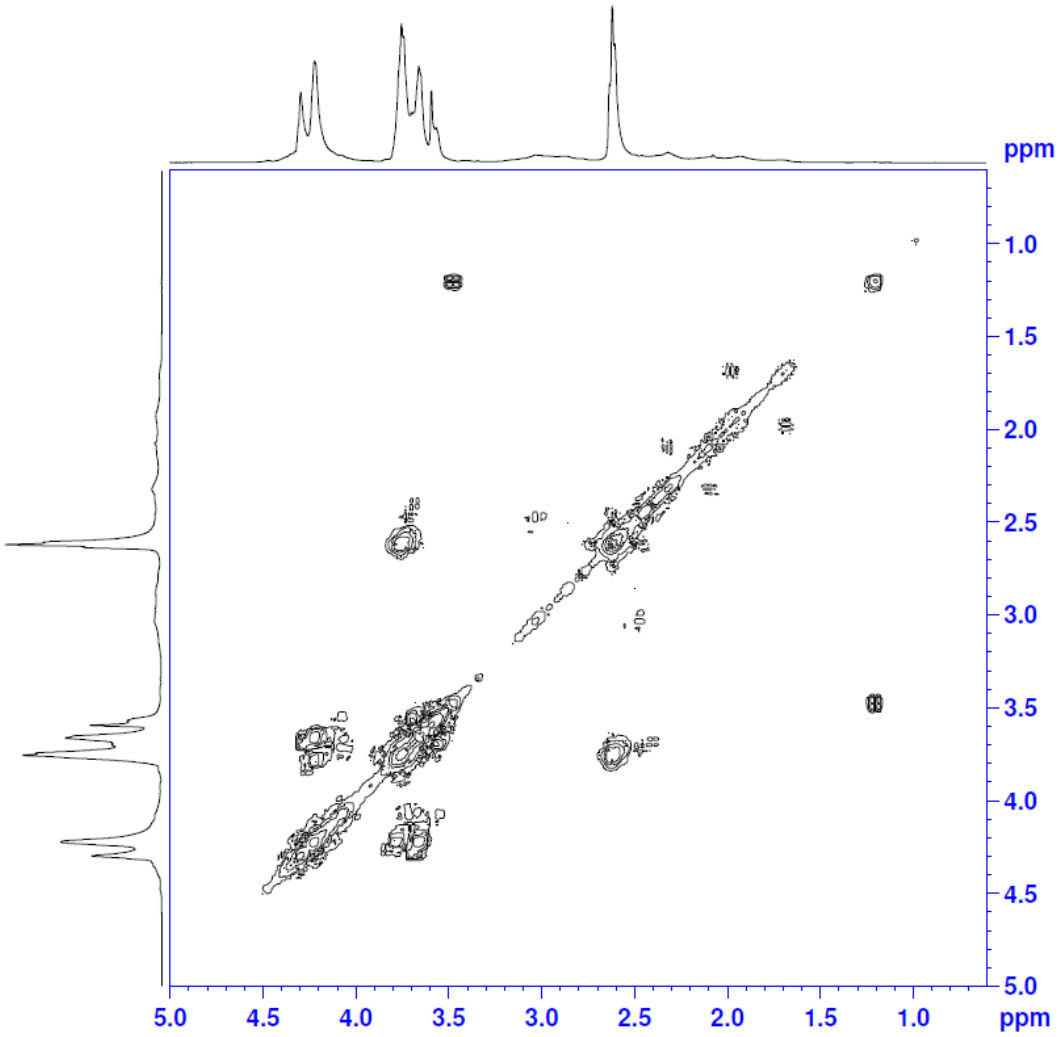

Figure S3. COSY spectrum of Poly **1**.

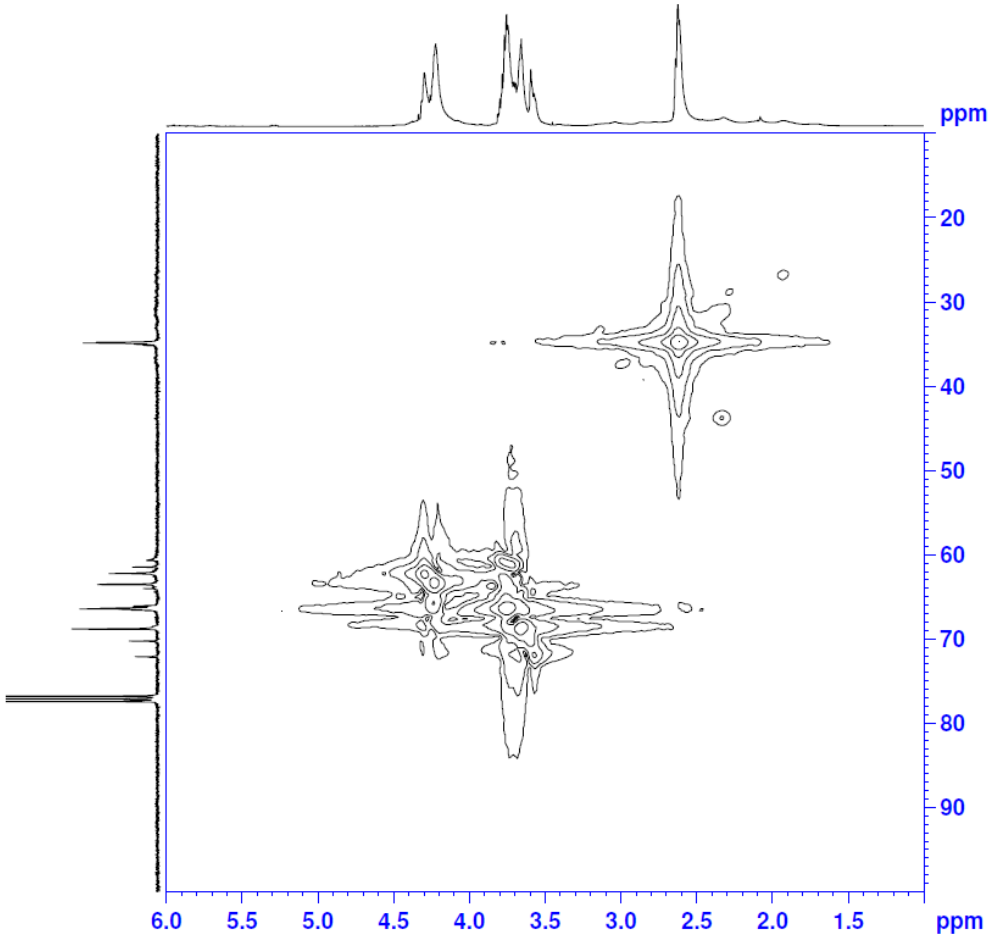

Figure S4. HMQC spectrum of Poly **1**.

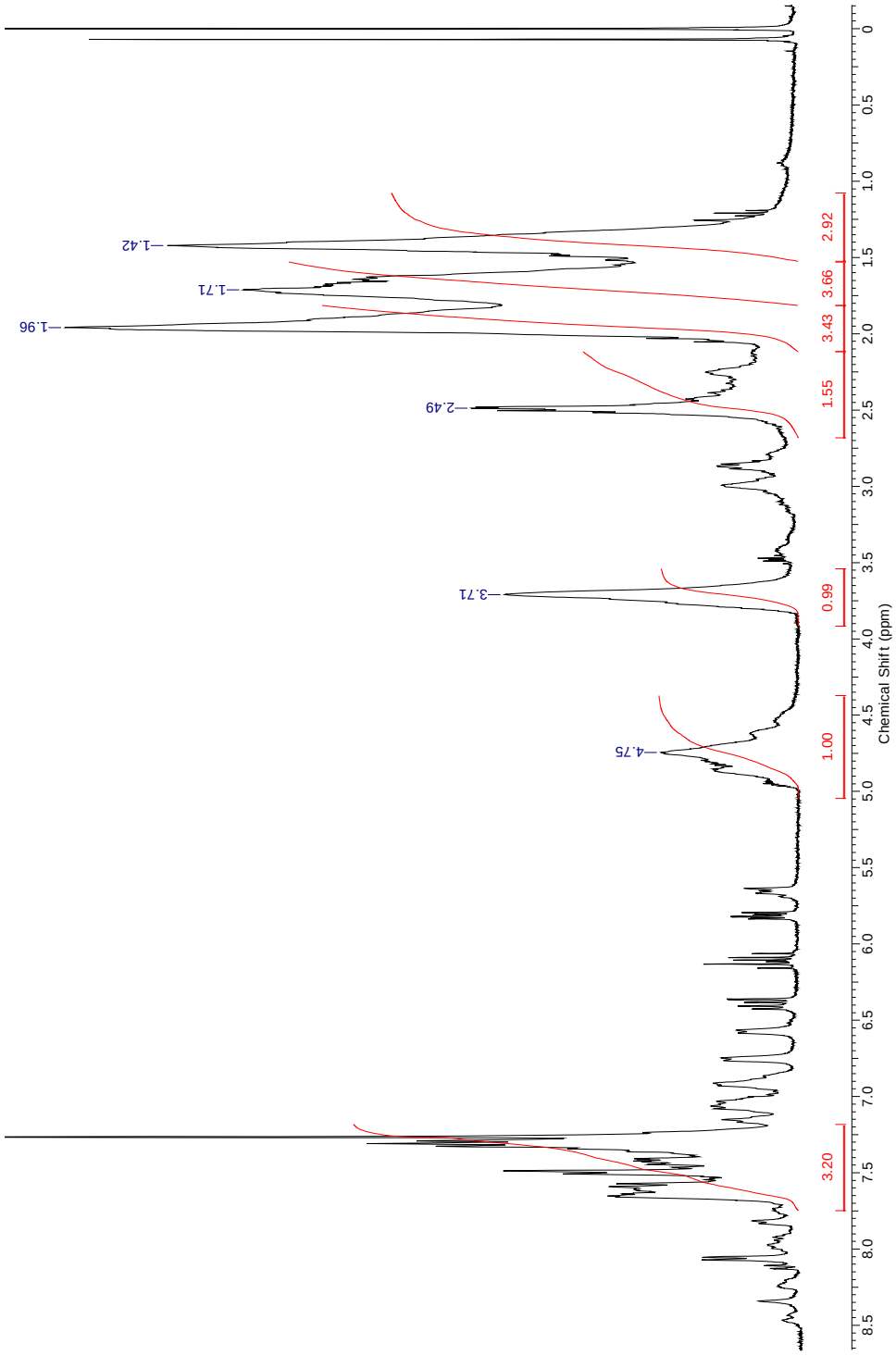

Figure S5. ^{1}H NMR spectrum of Poly 2.

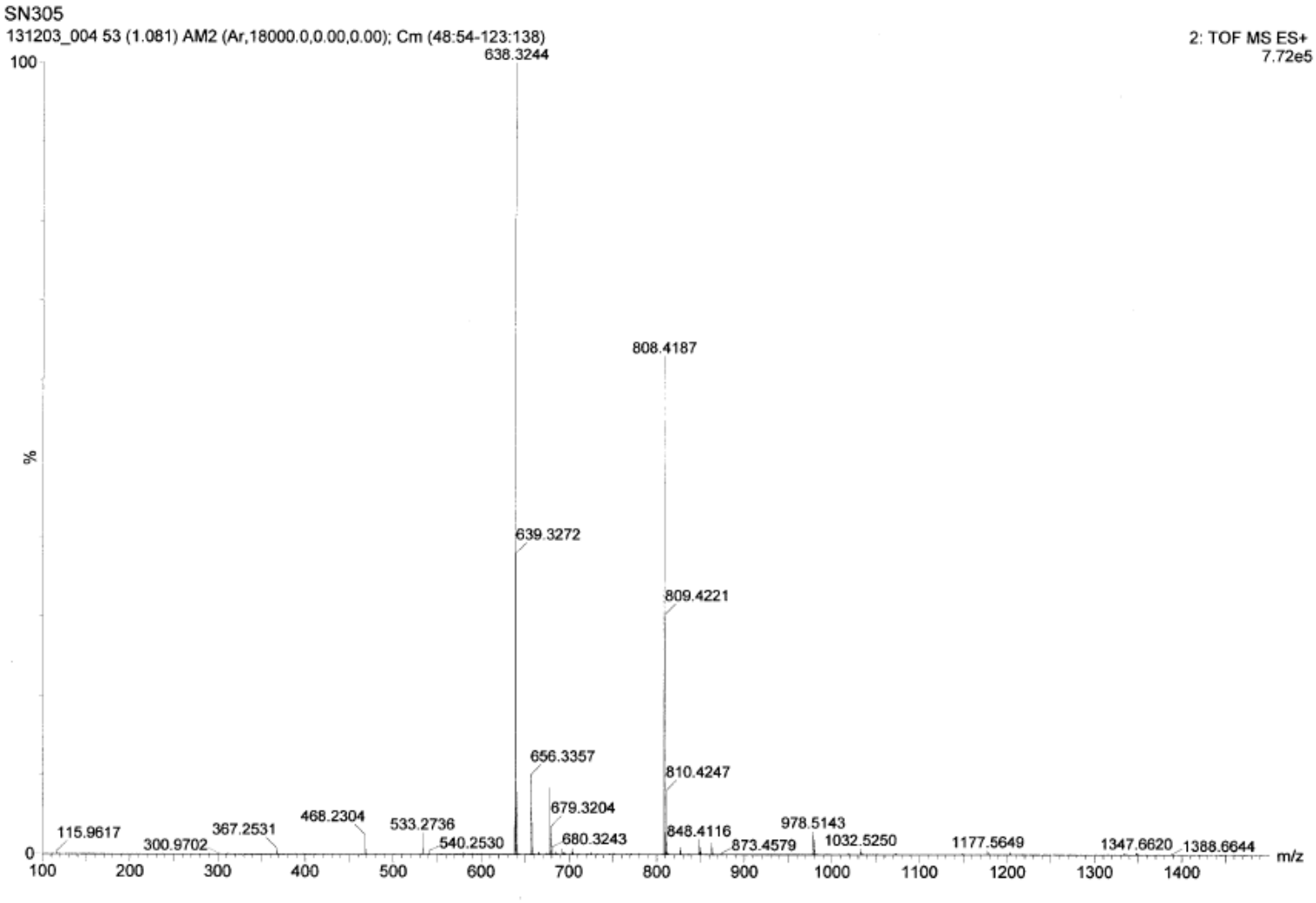

Figure S6. ESI-MS spectrum of Poly **2**.

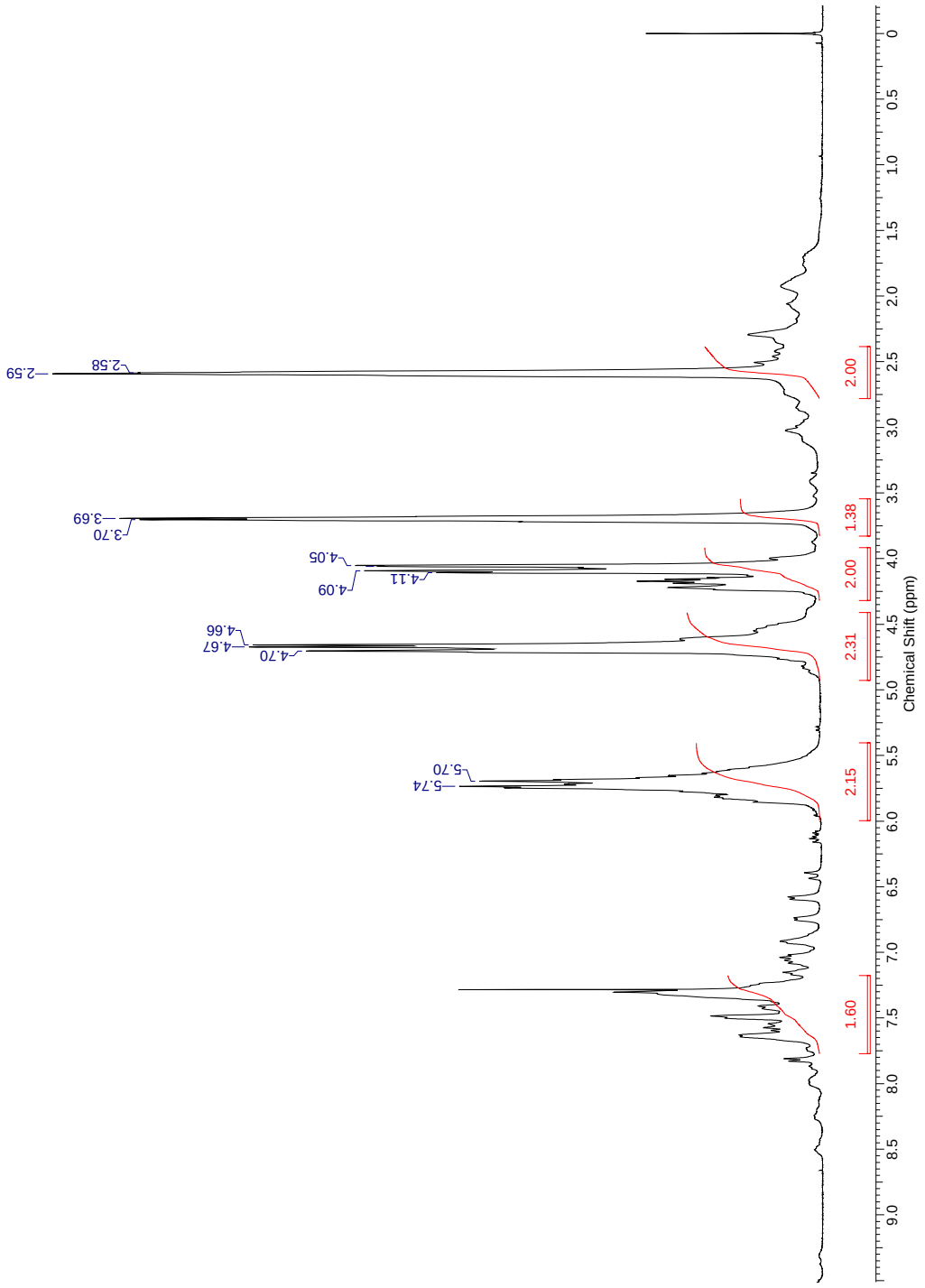

Figure S7. ^{1}H NMR spectrum of Poly **3**.

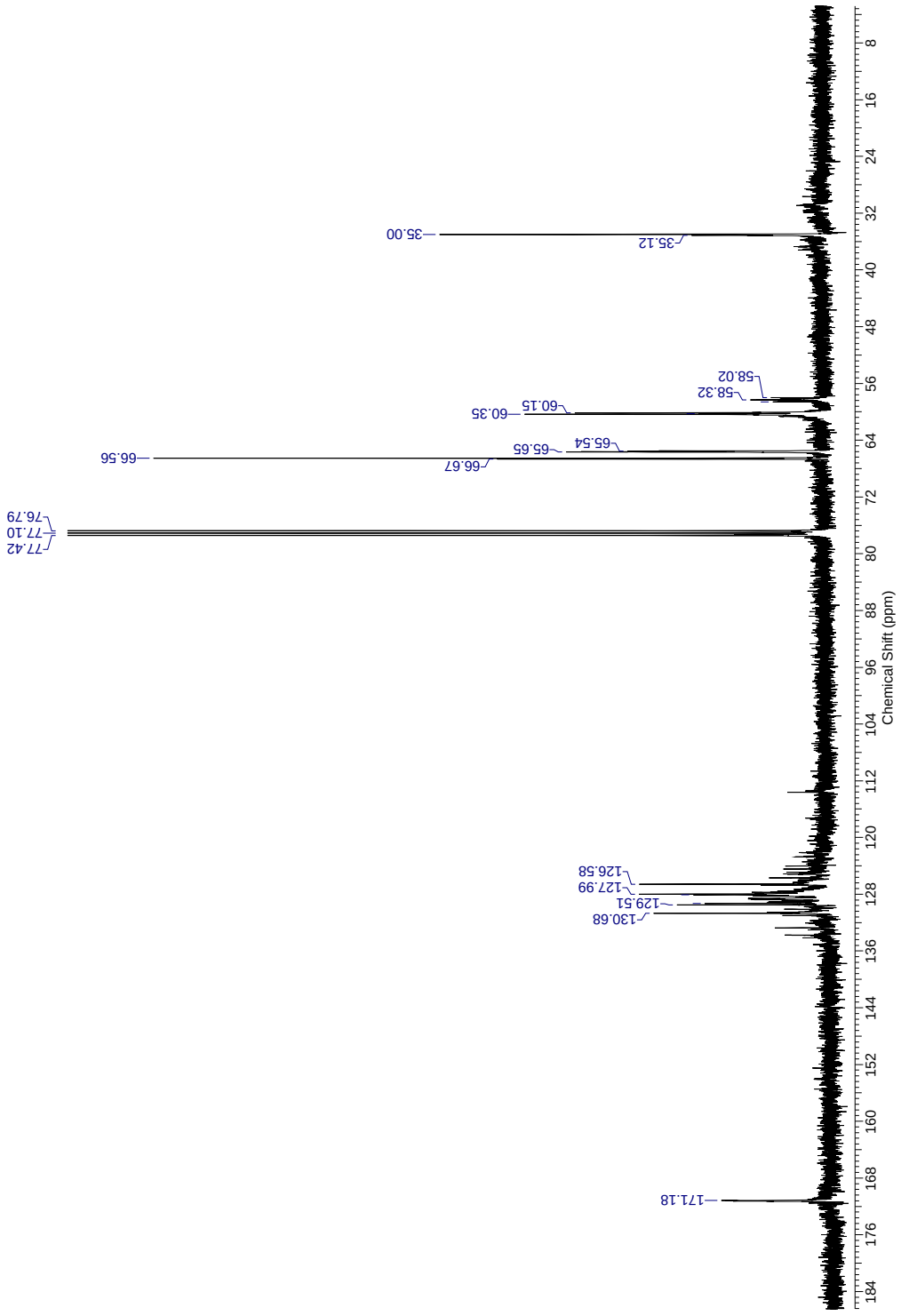

Figure S8. ^{13}C NMR spectrum of Poly **3**.

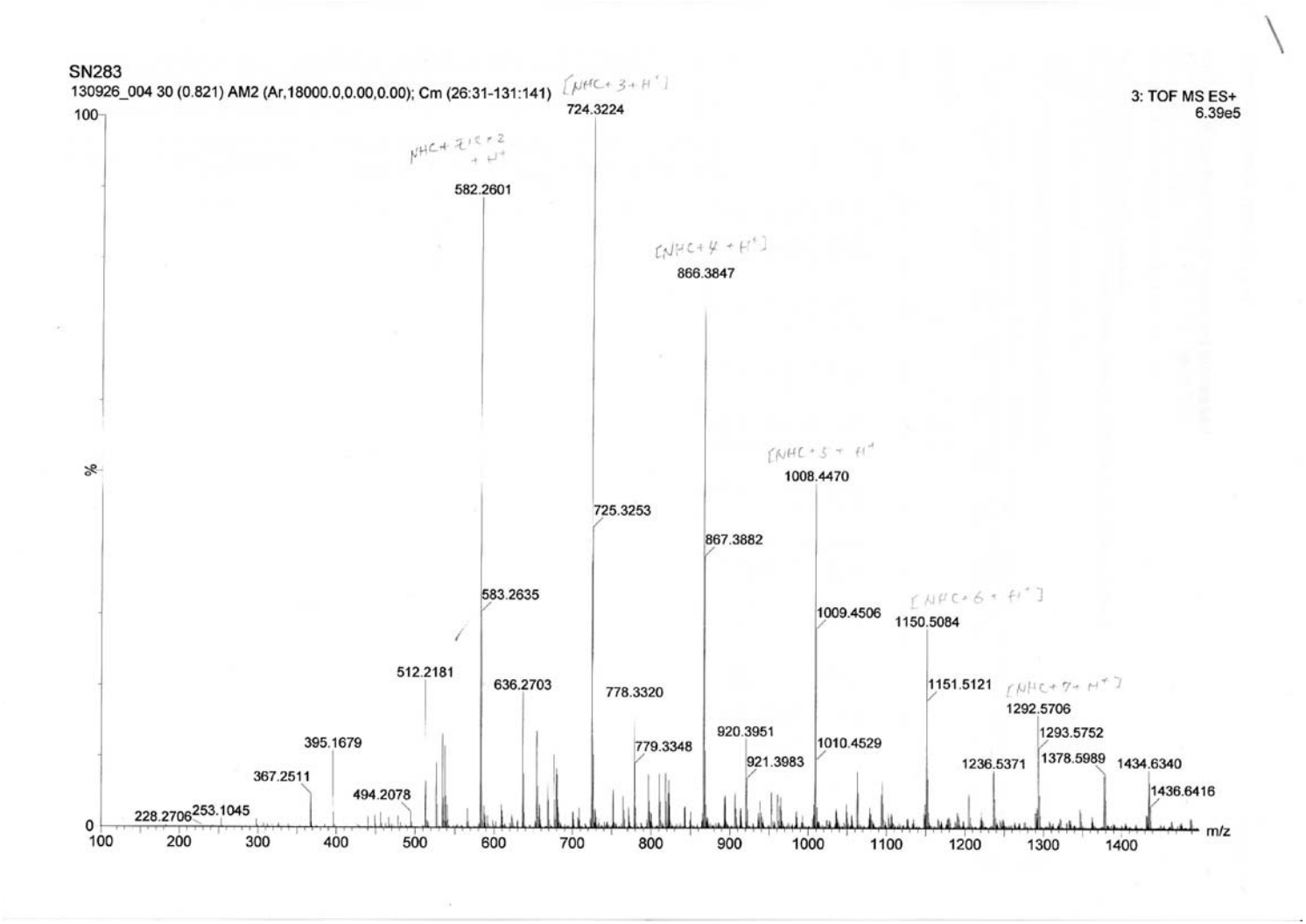

Figure S9. ESI-MS spectrum of Poly **3**.

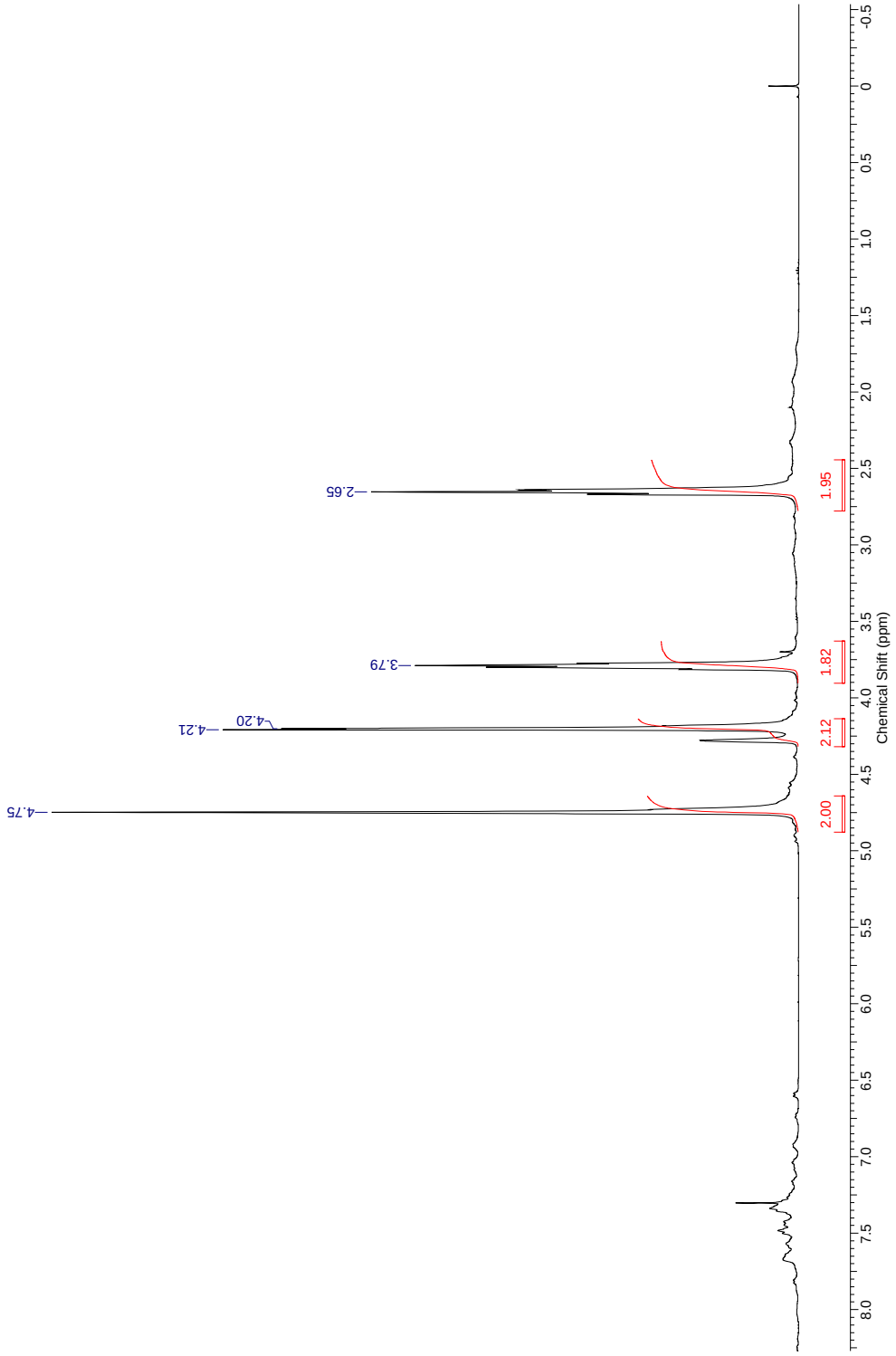

Figure S10. ^{1}H NMR spectrum of Poly **4**.

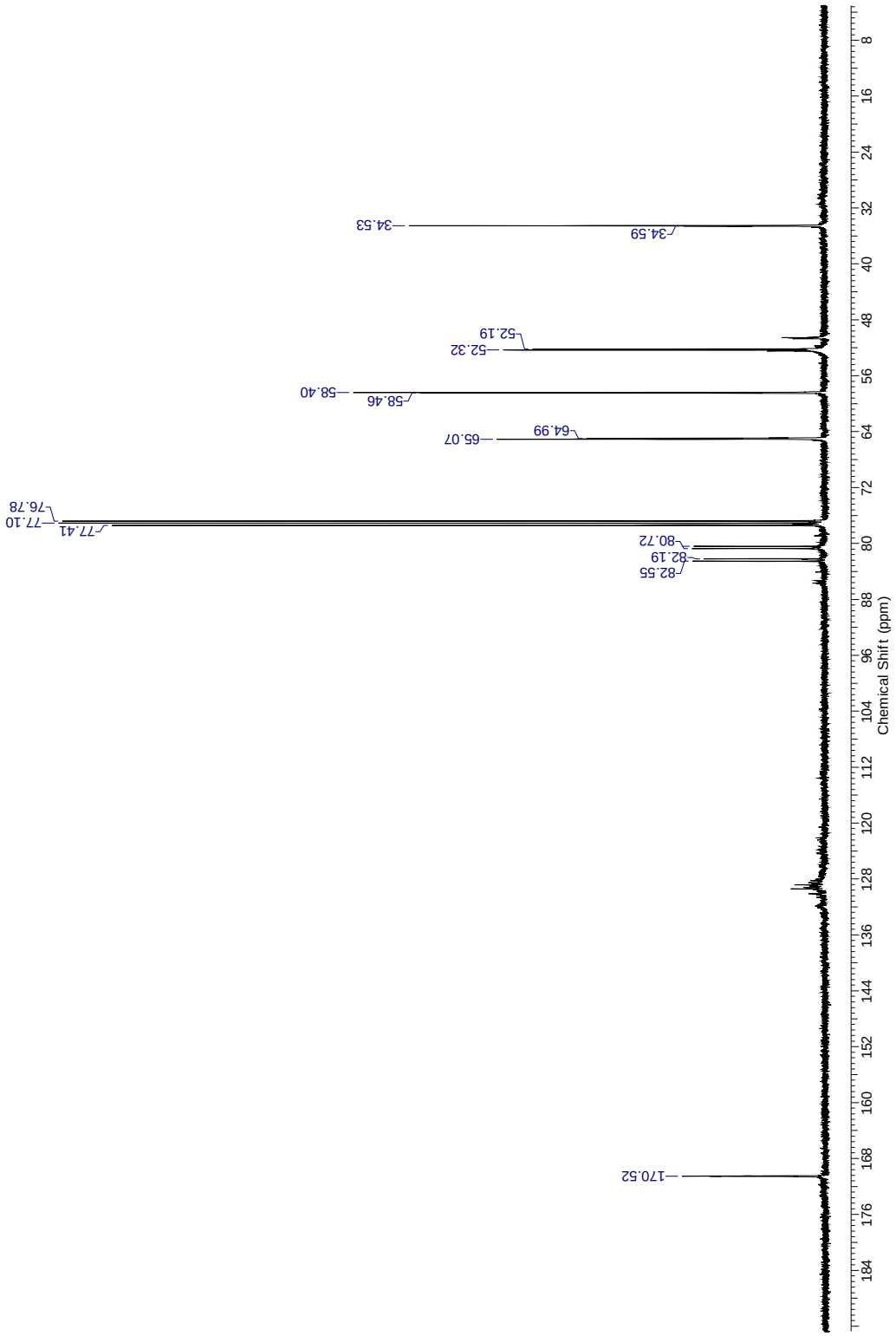

Figure S11. ^{13}C NMR spectrum of Poly **4**.

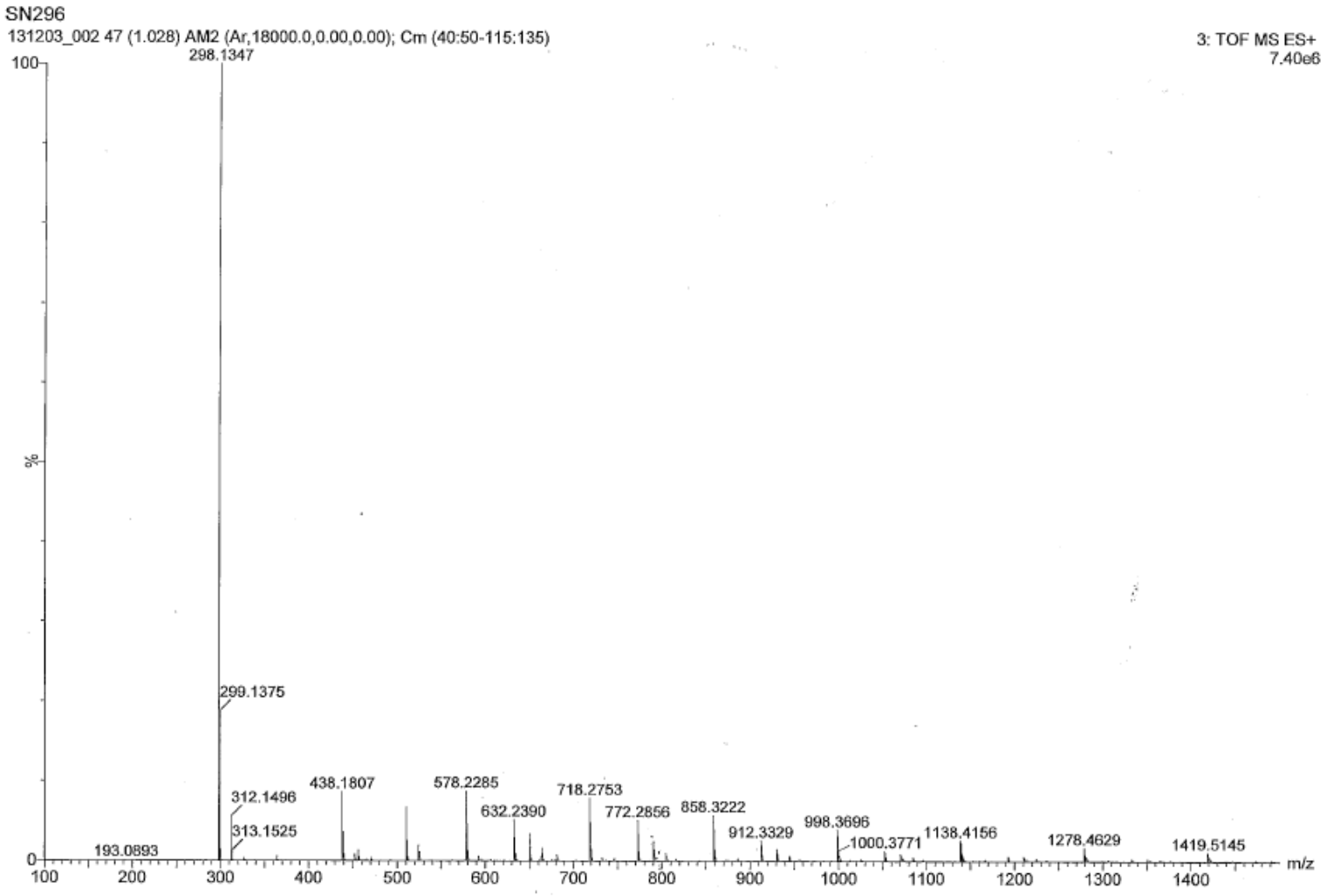

Figure S12. ESI-MS spectrum of Poly **4**.

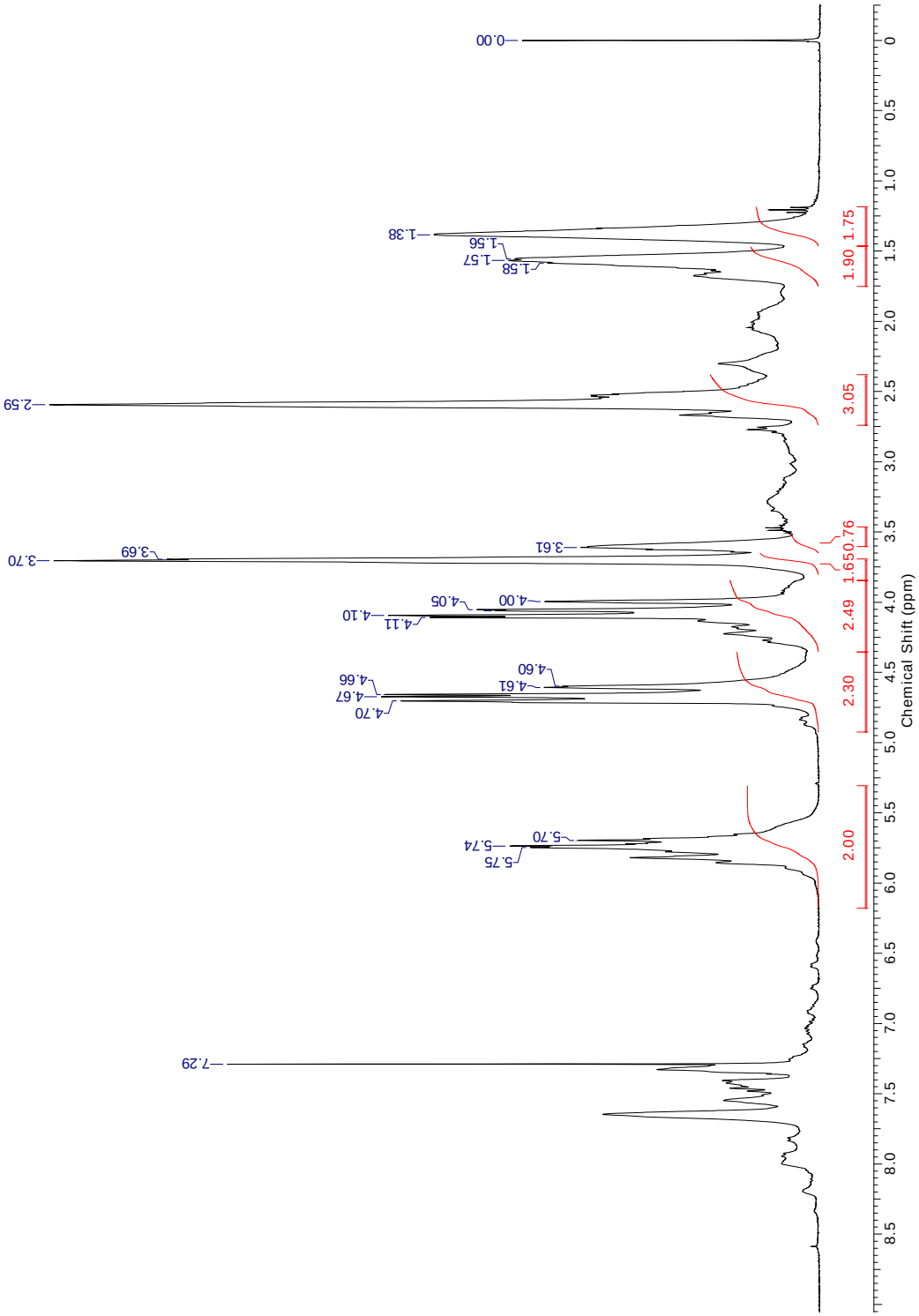

Figure S13. ^{1}H NMR spectrum of Poly **8**.

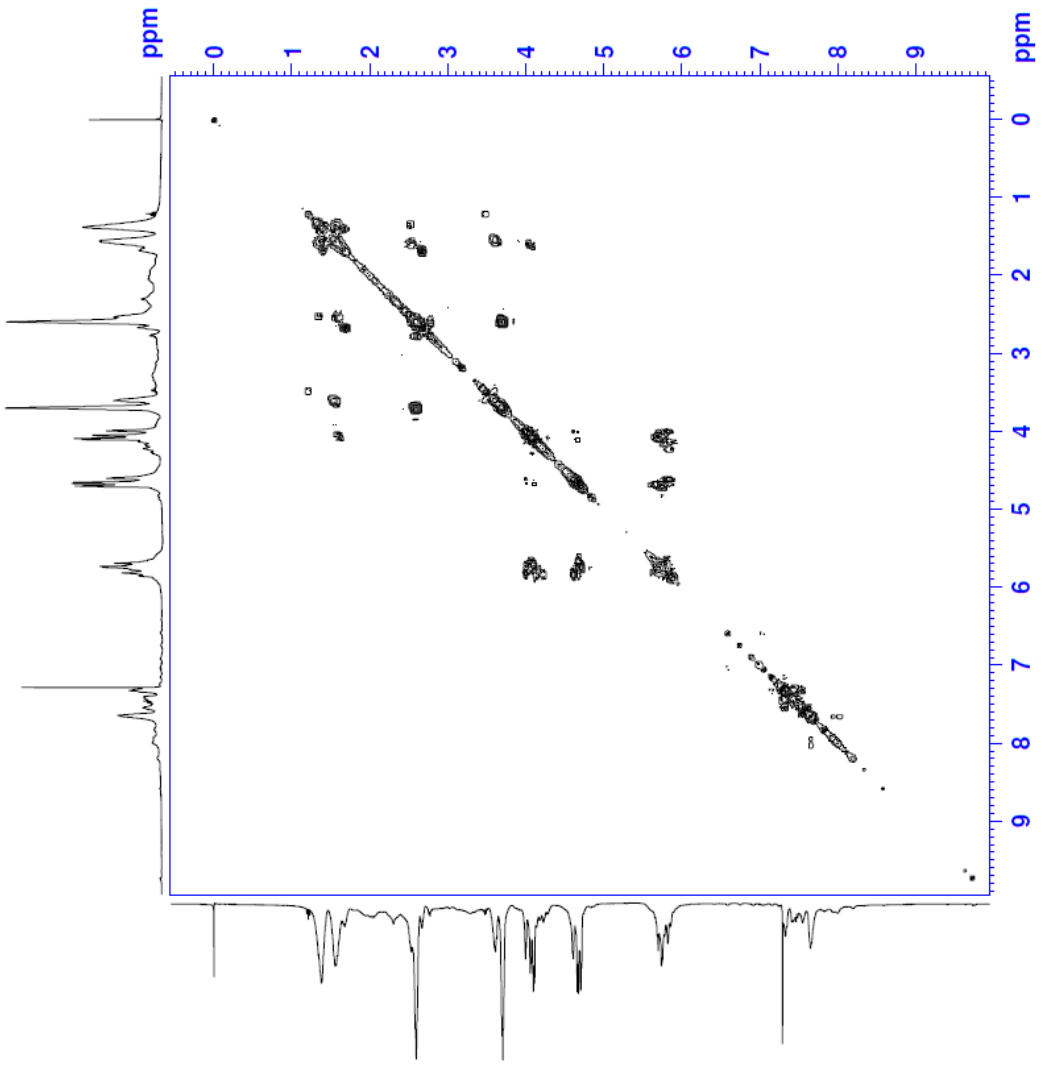

Figure S14. COSY spectrum of Poly **8**.