

Supporting Information for

**Glucosamine conjugates bearing *N,N,O*-donors: Potential
imaging agents utilizing the $[M(CO)_3]^+$ core ($M = Re, Tc$)**

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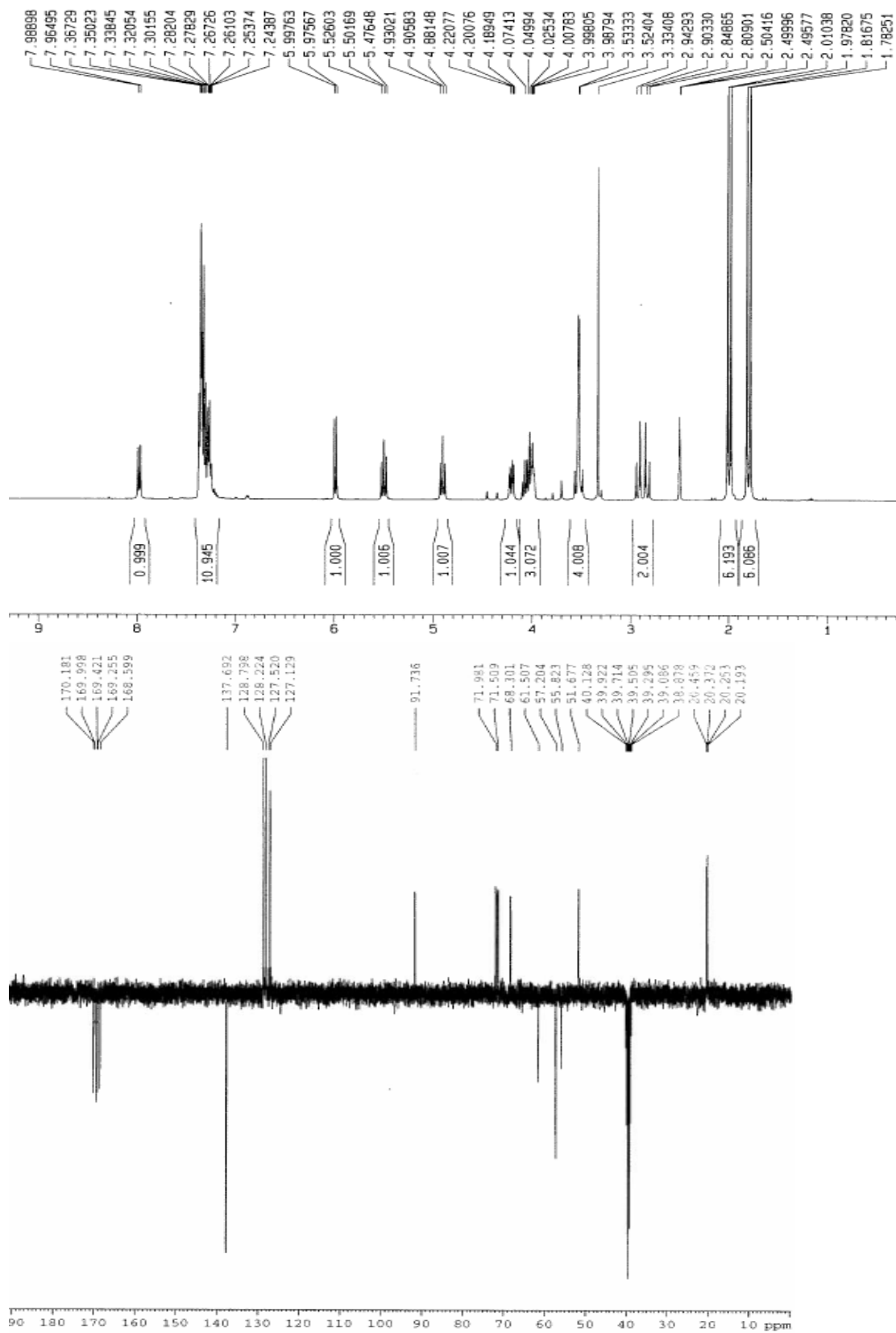


Figure 1. ¹H (above) and ¹³C APT (below) NMR spectra of compound 2.

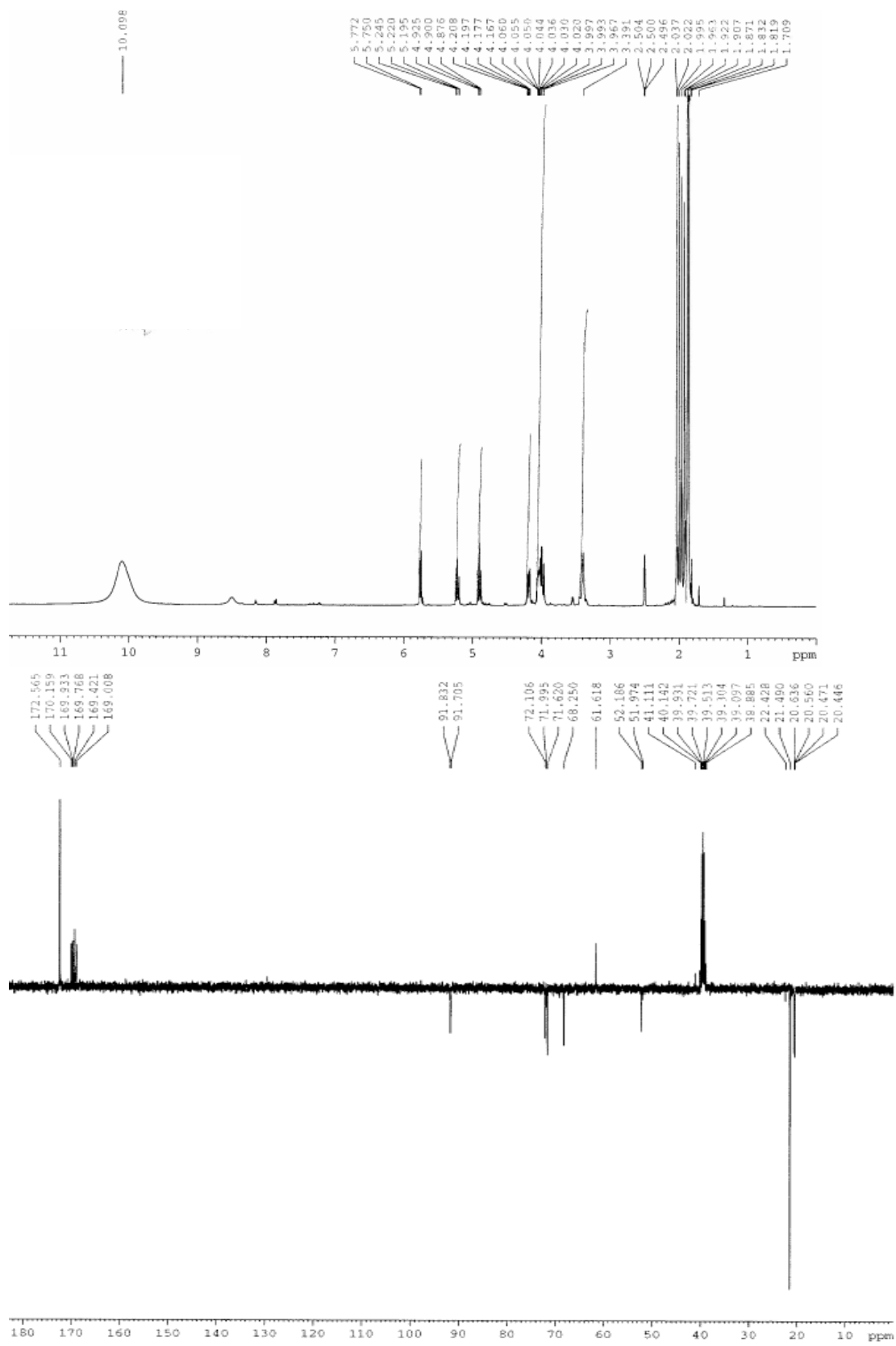


Figure 2. ^1H (above) and ^{13}C APT (below) NMR spectra of compound **3**.

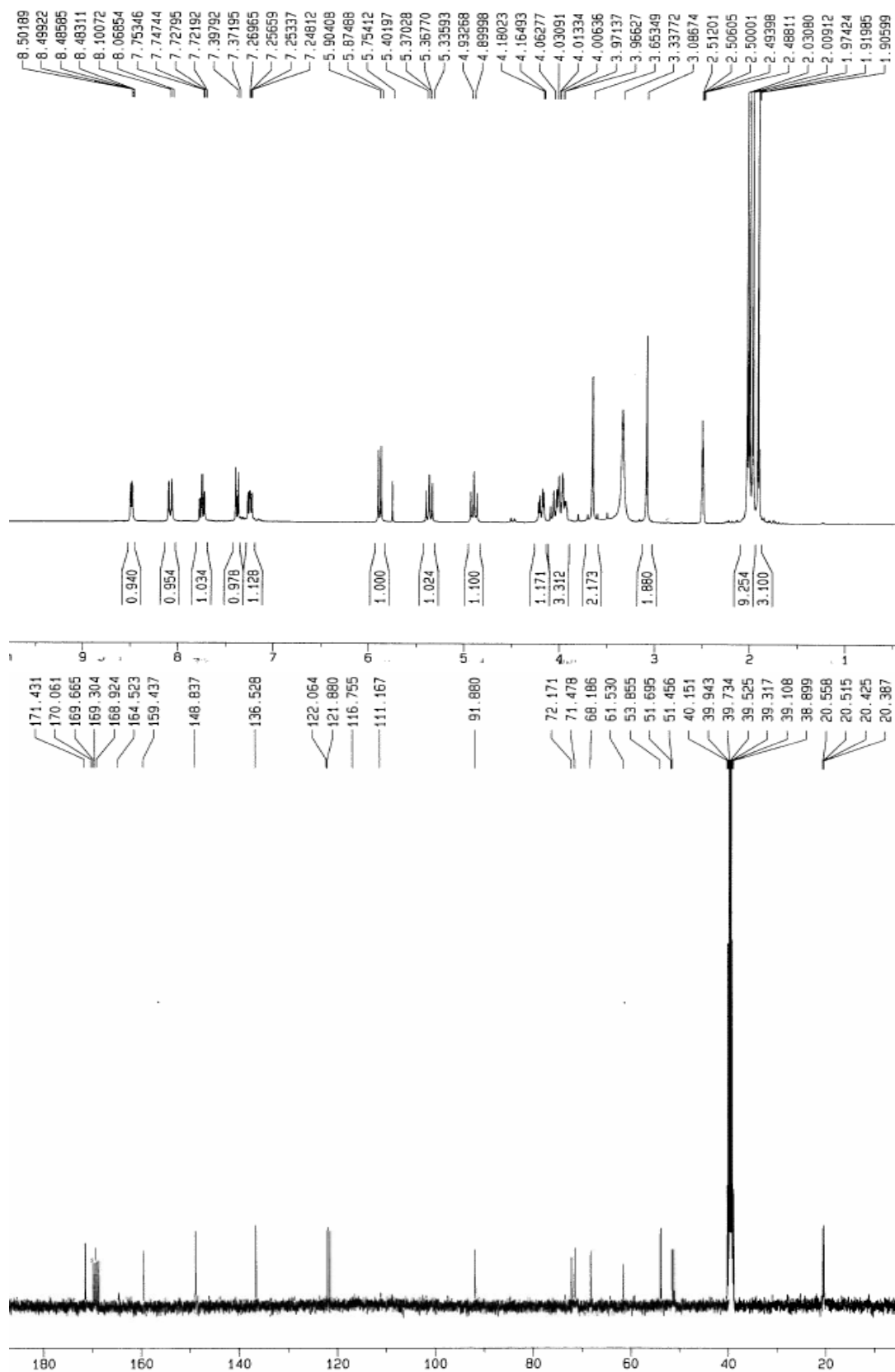


Figure 3. ¹H (above) and ¹³C (below) NMR spectra of compound **4**.

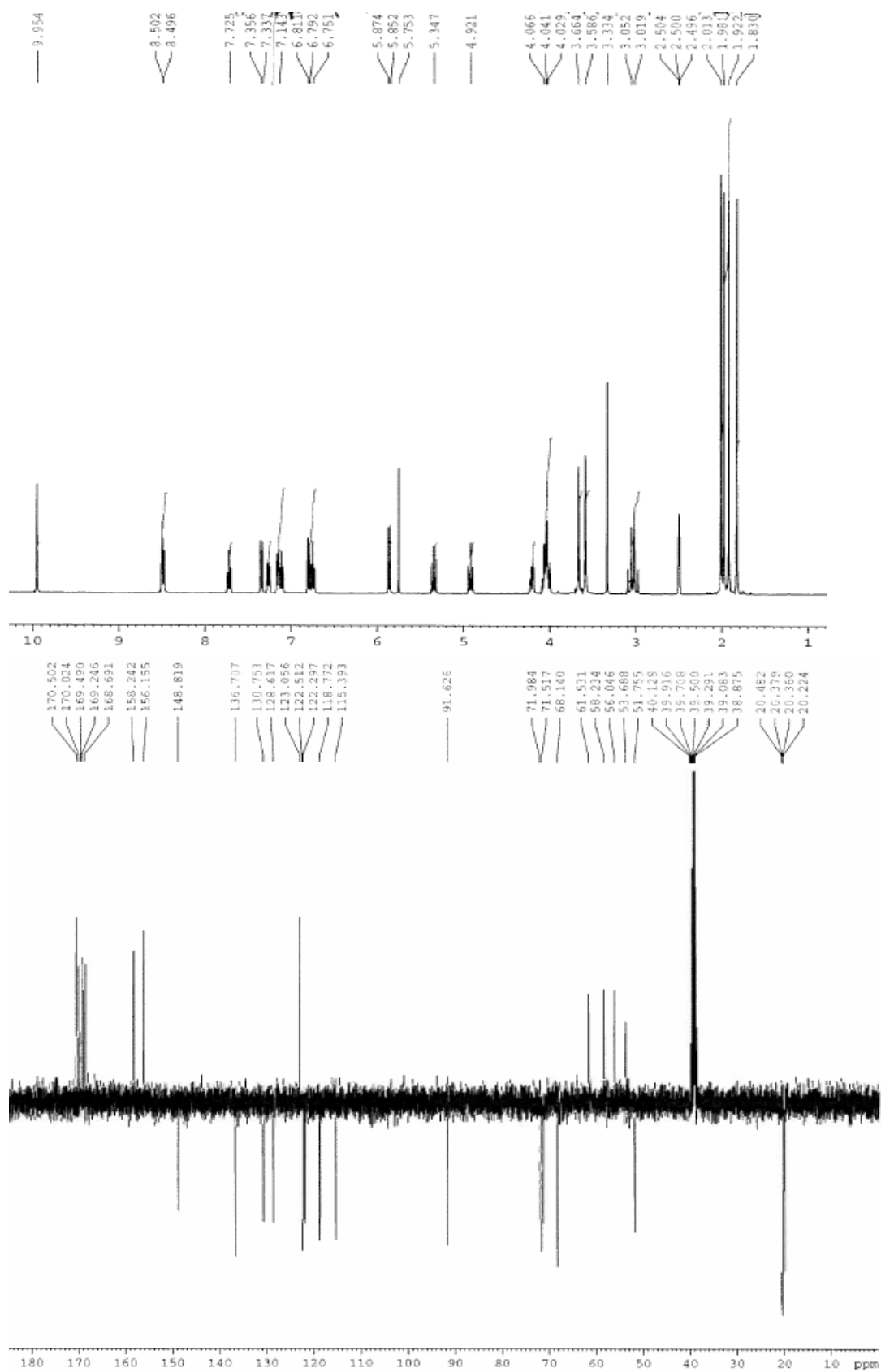


Figure 4. ^1H (above) and ^{13}C APT (below) NMR spectra of compound 5.

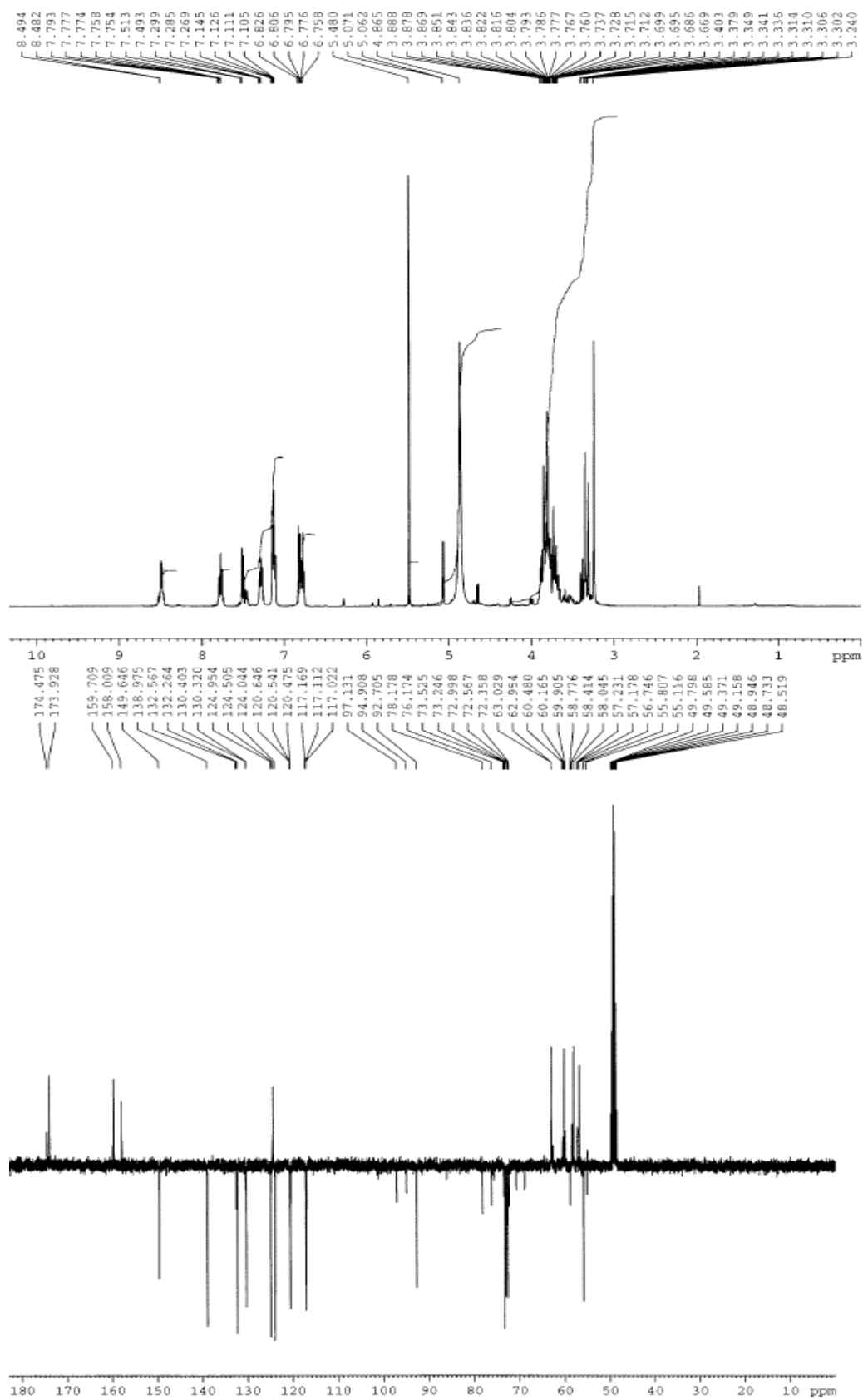


Figure 5. ^1H (above) and ^{13}C APT (below) NMR spectra of compound 6.

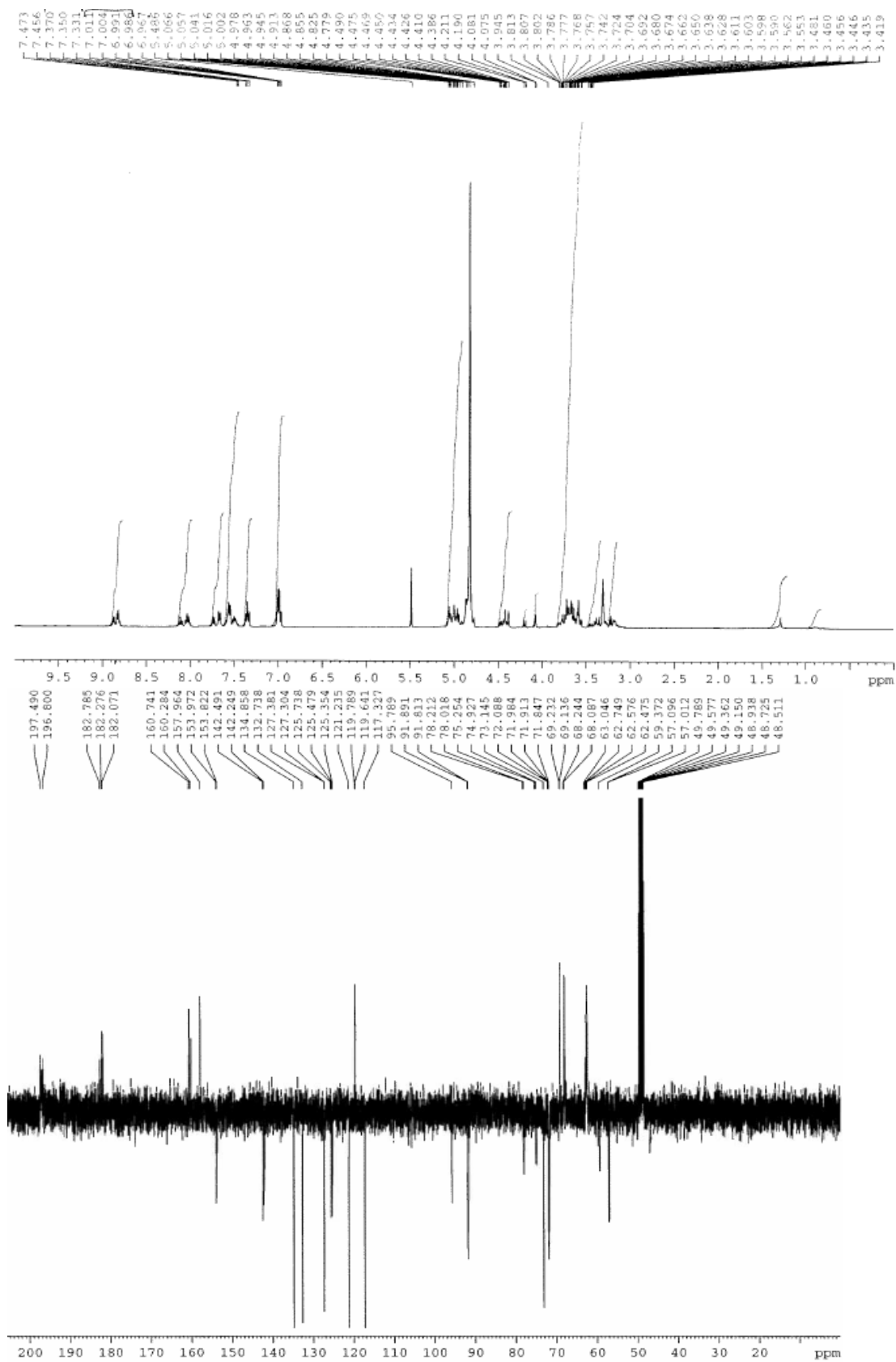


Figure 6. ¹H (above) and ¹³C APT (below) NMR spectra of compound **6-Re(CO)₃**.

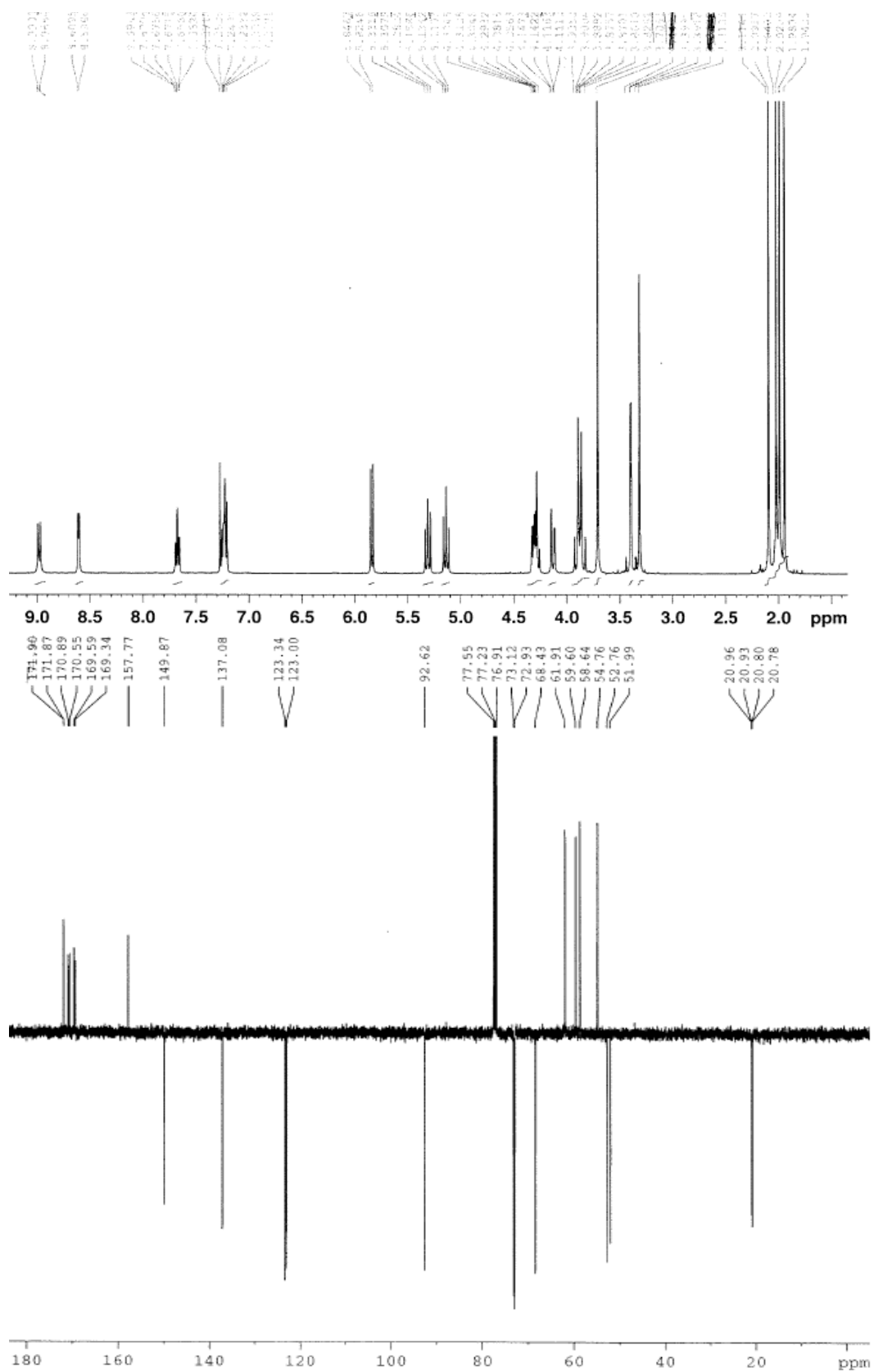


Figure 7. ¹H (above) and ¹³C APT (below) NMR spectra of compound 7.

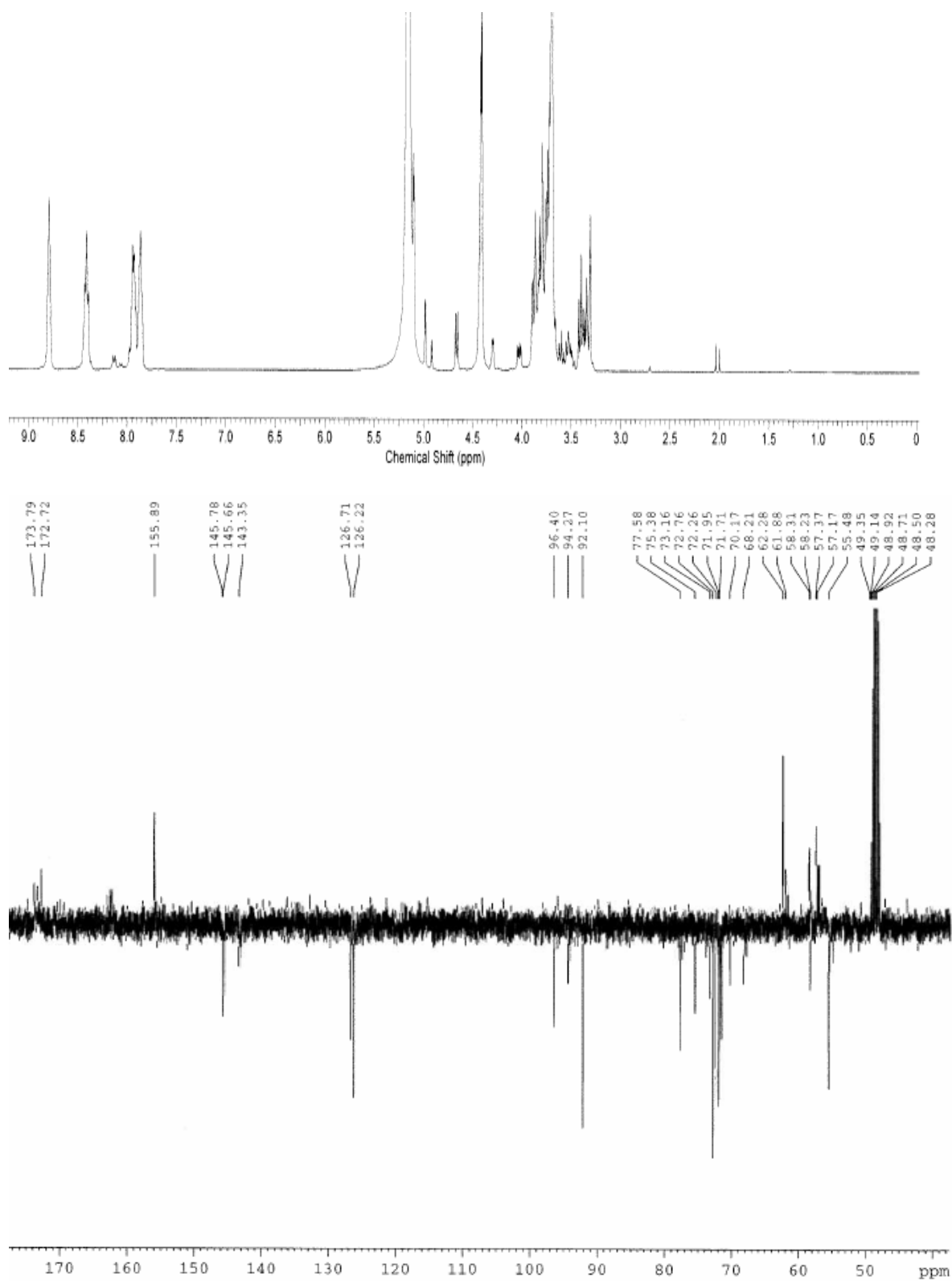


Figure 8. ^1H (above) and ^{13}C APT (below) NMR spectra of compound 8.

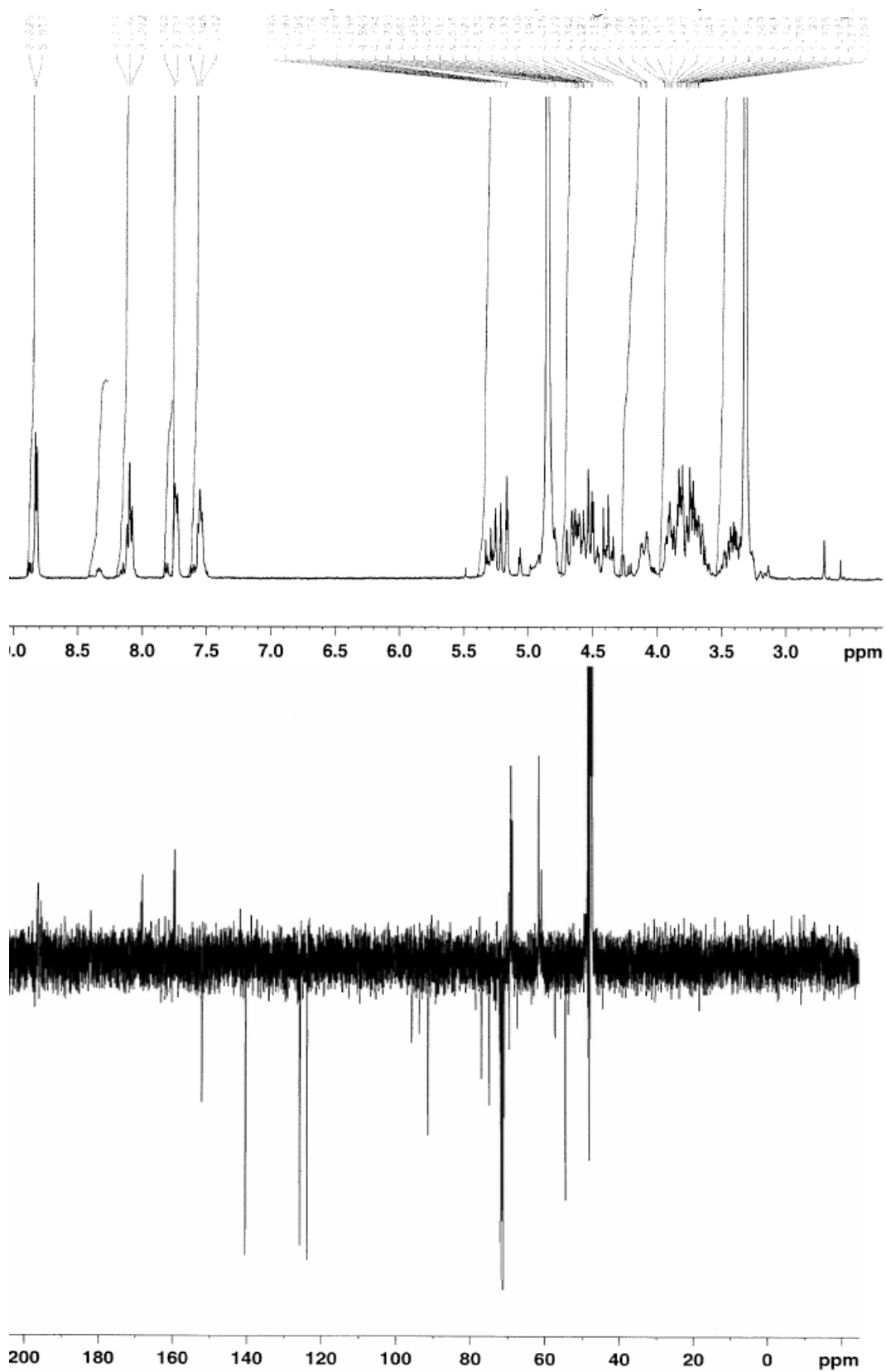


Figure 9. ¹H (above) and ¹³C APT (below) NMR spectra of compound **8-Re(CO)₃**.

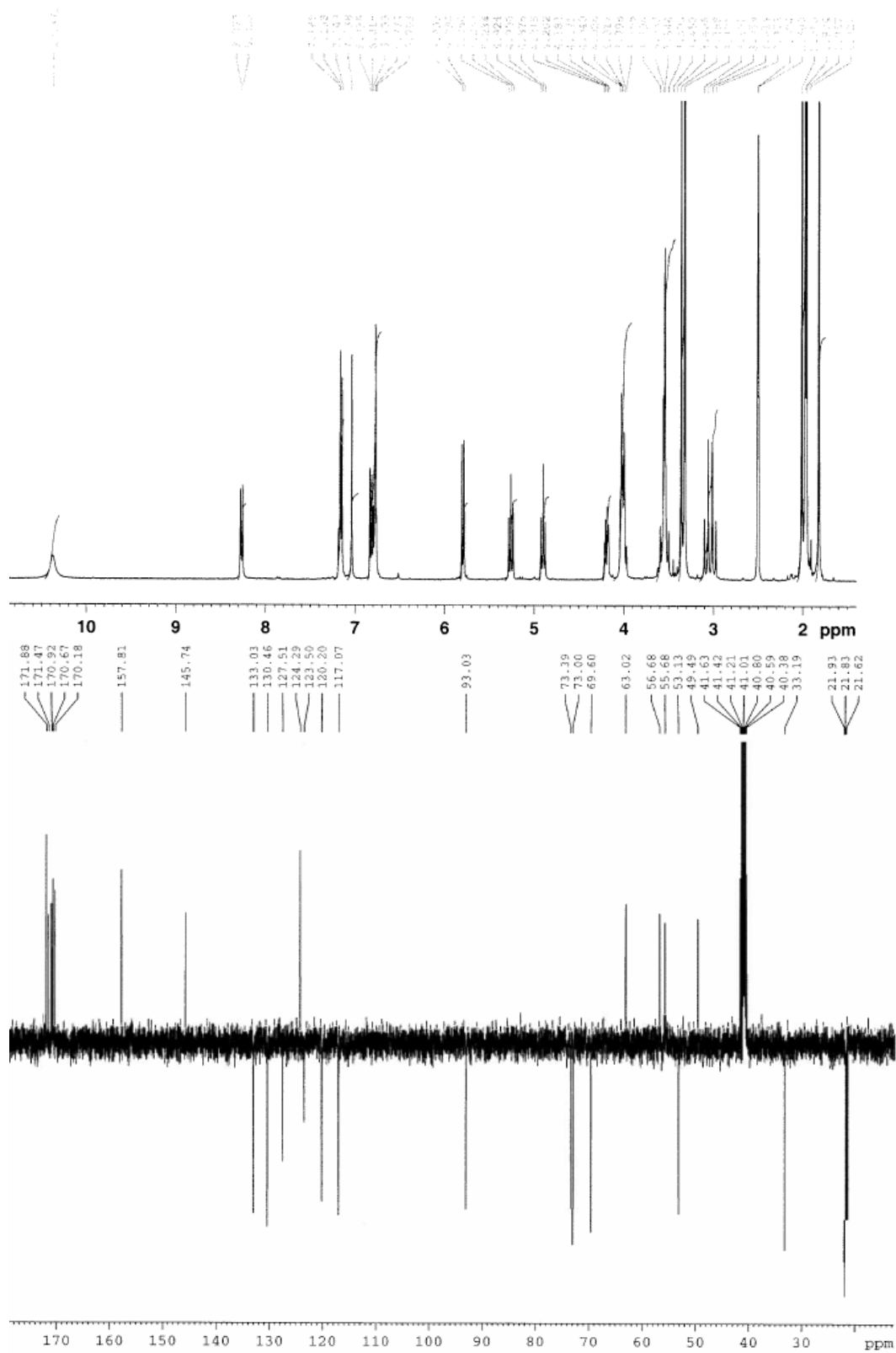


Figure 10. ^1H (above) and ^{13}C APT (below) NMR spectra of compound **10**.

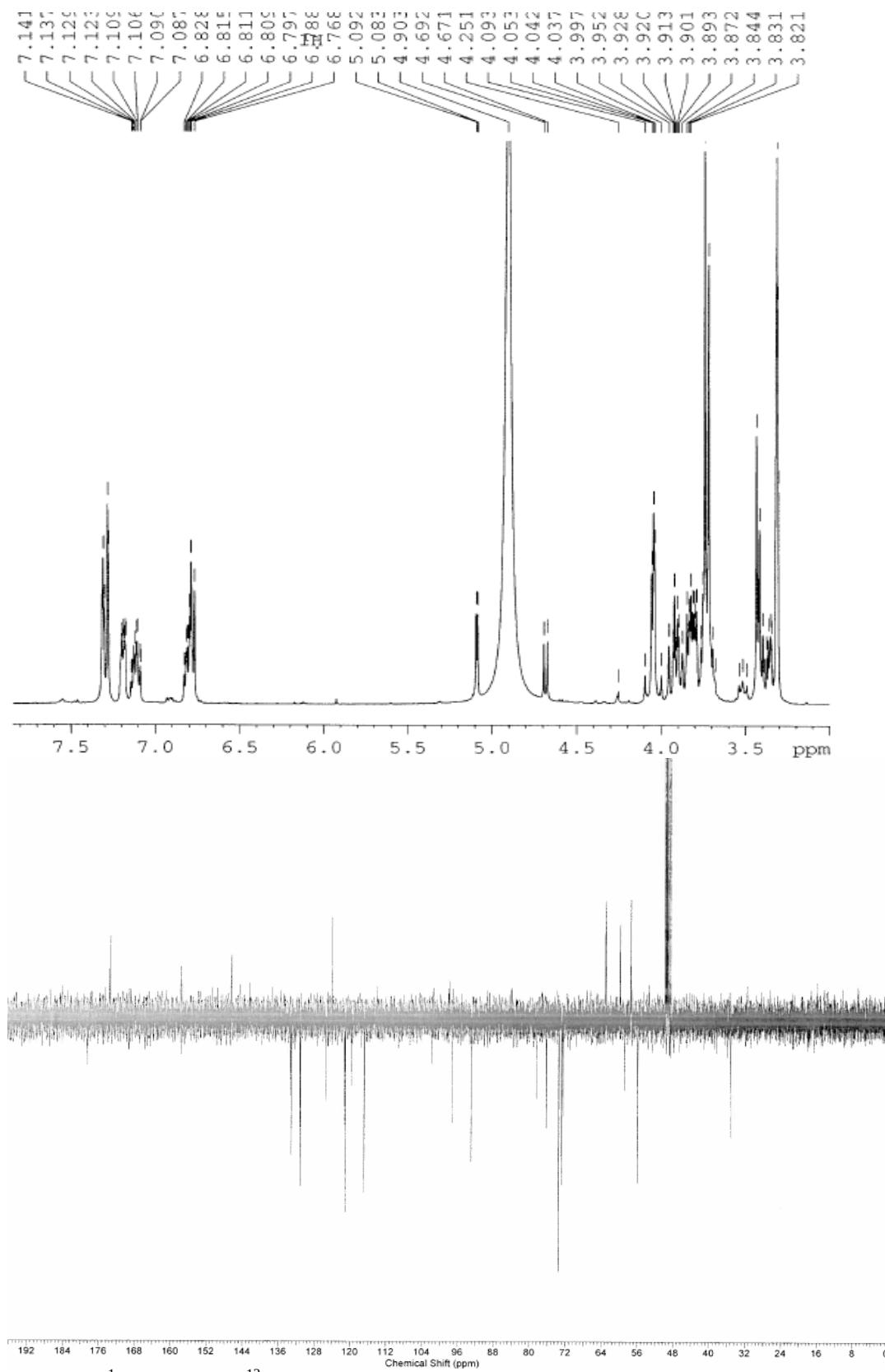


Figure 11. ^1H (above) and ^{13}C APT (below) NMR spectra of compound **11**.

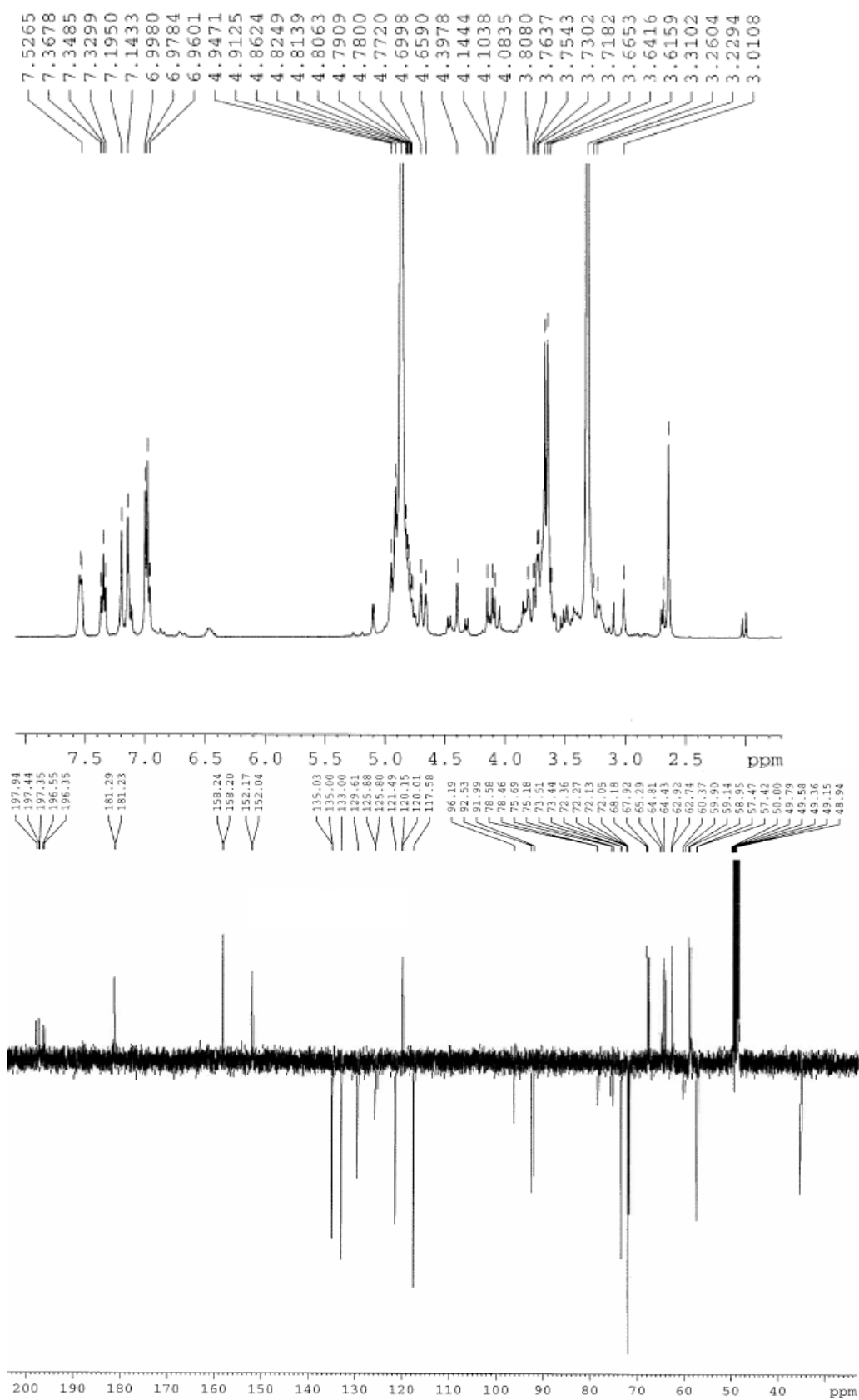


Figure 12. ¹H (above) and ¹³C APT (below) NMR spectra of compound **11-Re(CO)₃**.

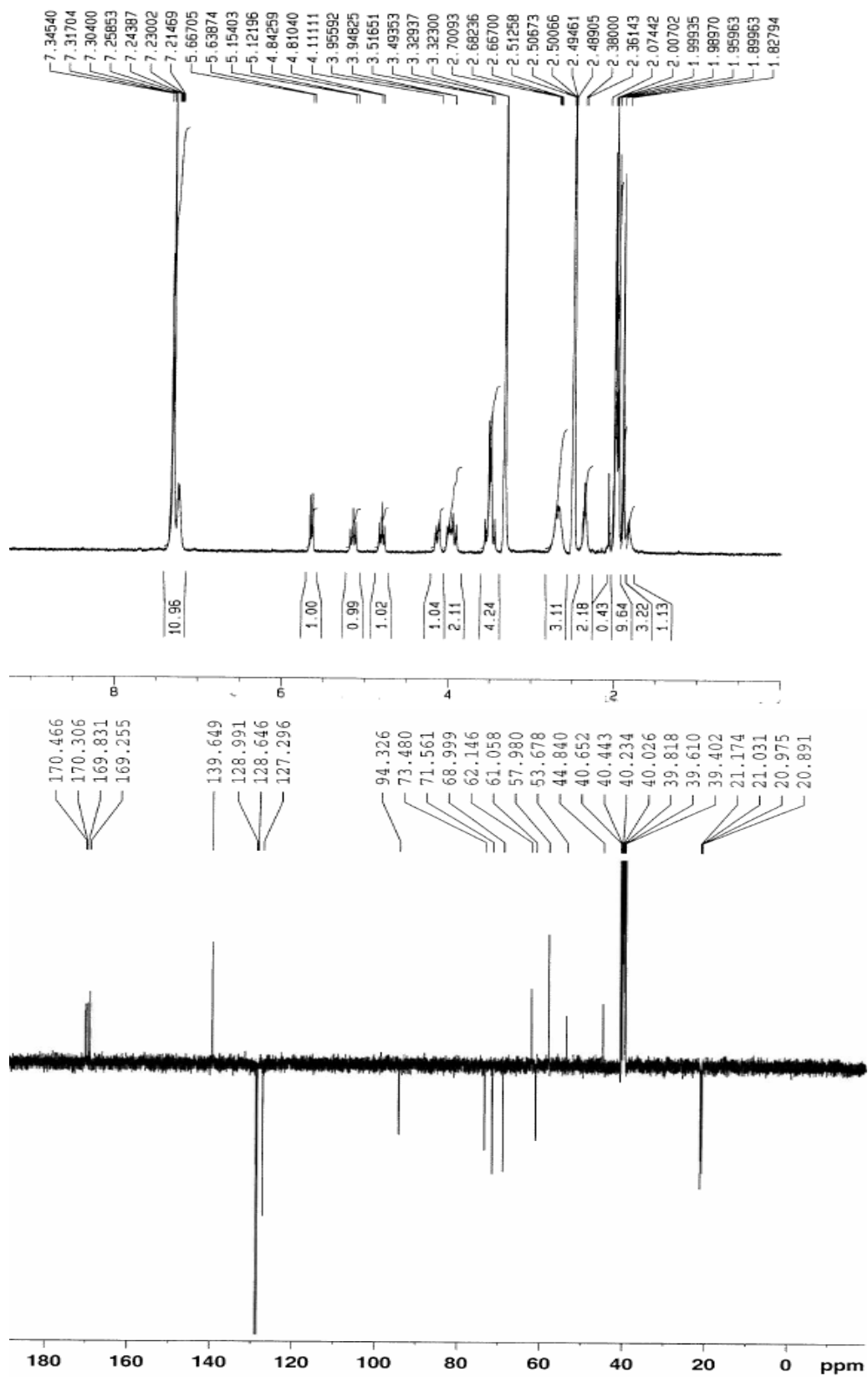


Figure 13. ¹H (above) and ¹³C APT (below) NMR spectra of compound 15.

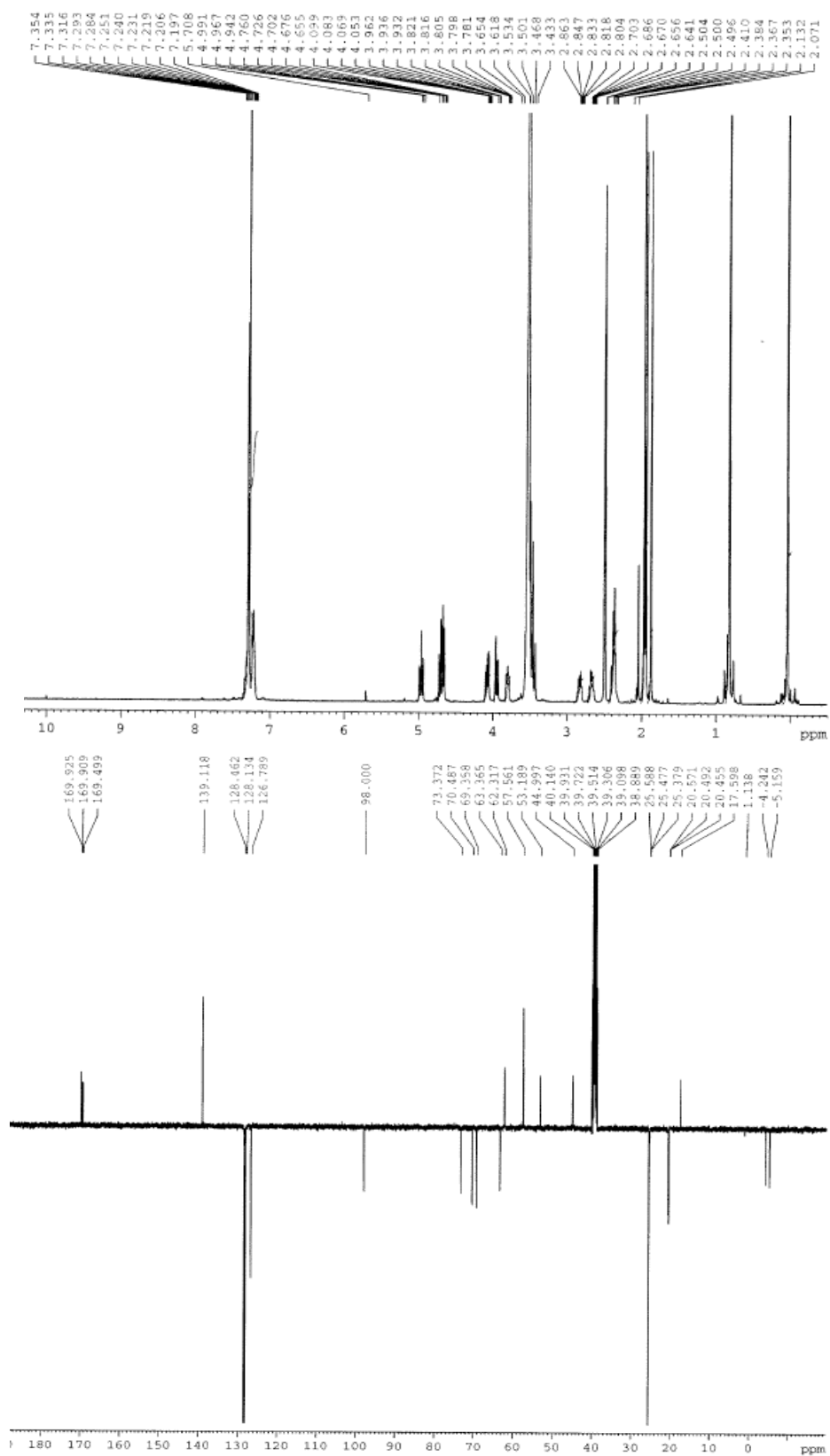


Figure 14. ¹H (above) and ¹³C APT (below) NMR spectra of compound **17**.

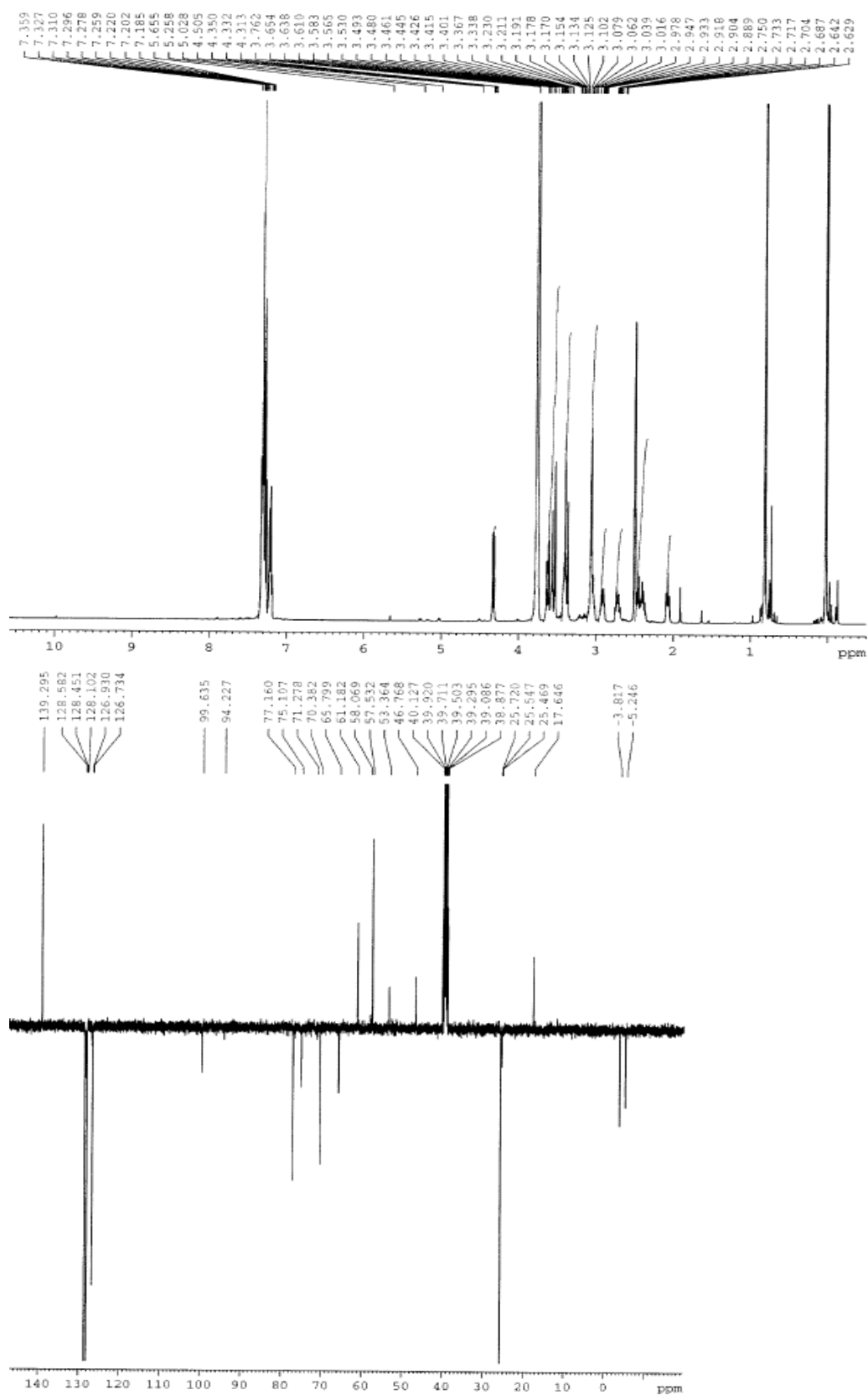


Figure 15. ¹H (above) and ¹³C APT (below) NMR spectra of compound **18**.

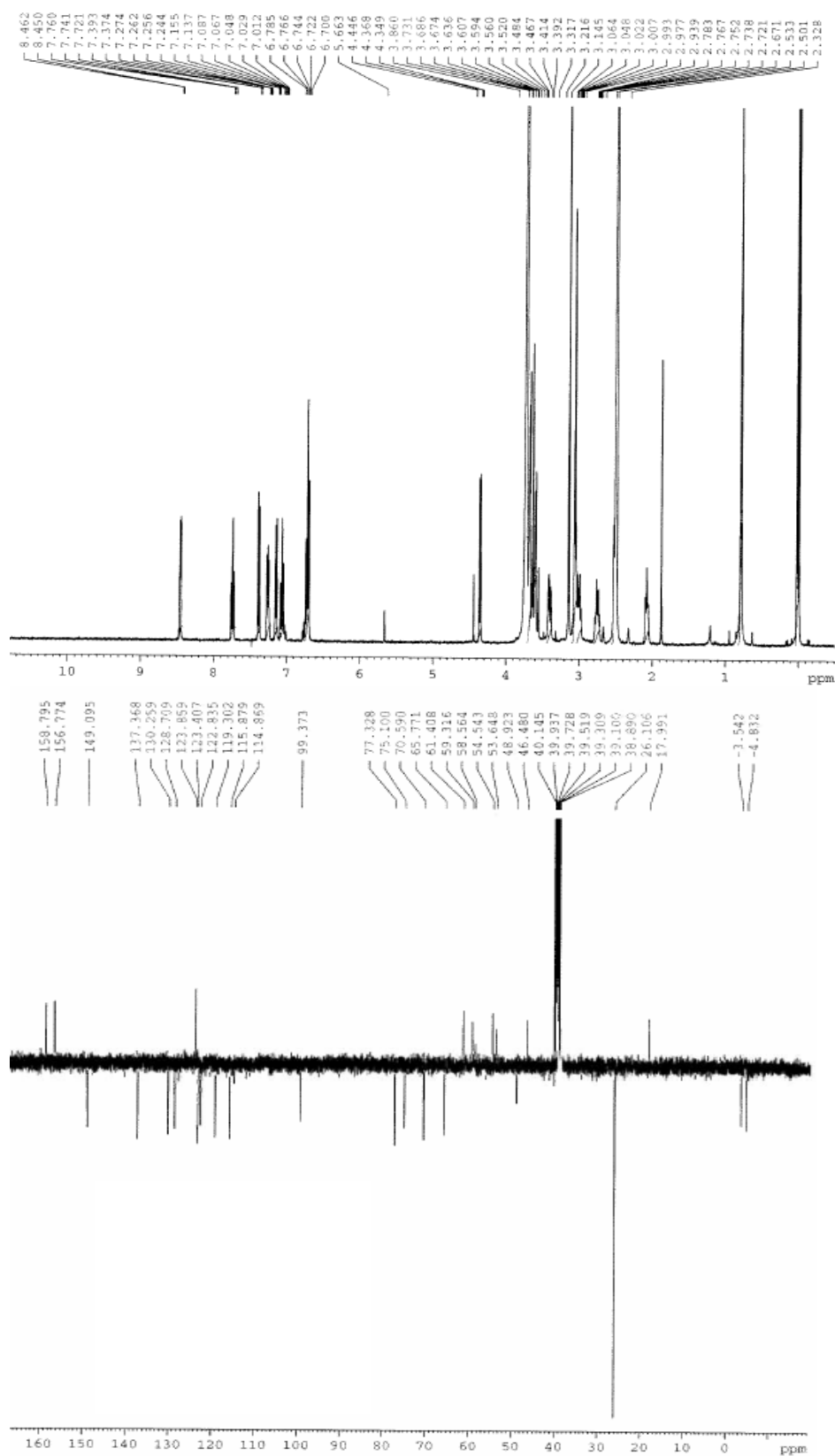


Figure 16. ^1H (above) and ^{13}C APT (below) NMR spectra of compound 21.

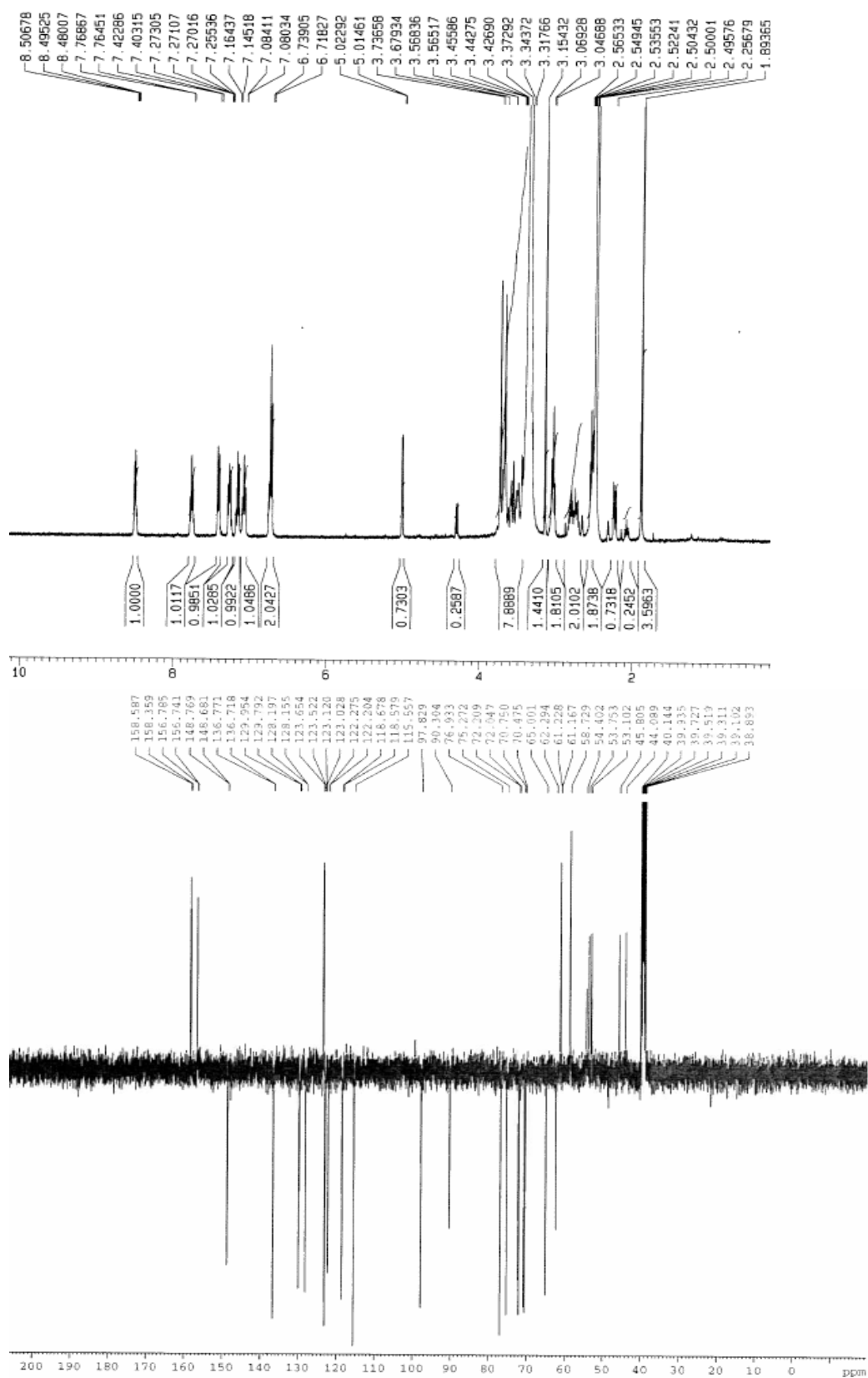


Figure 17. ¹H (above) and ¹³C APT (below) NMR spectra of compound 22.

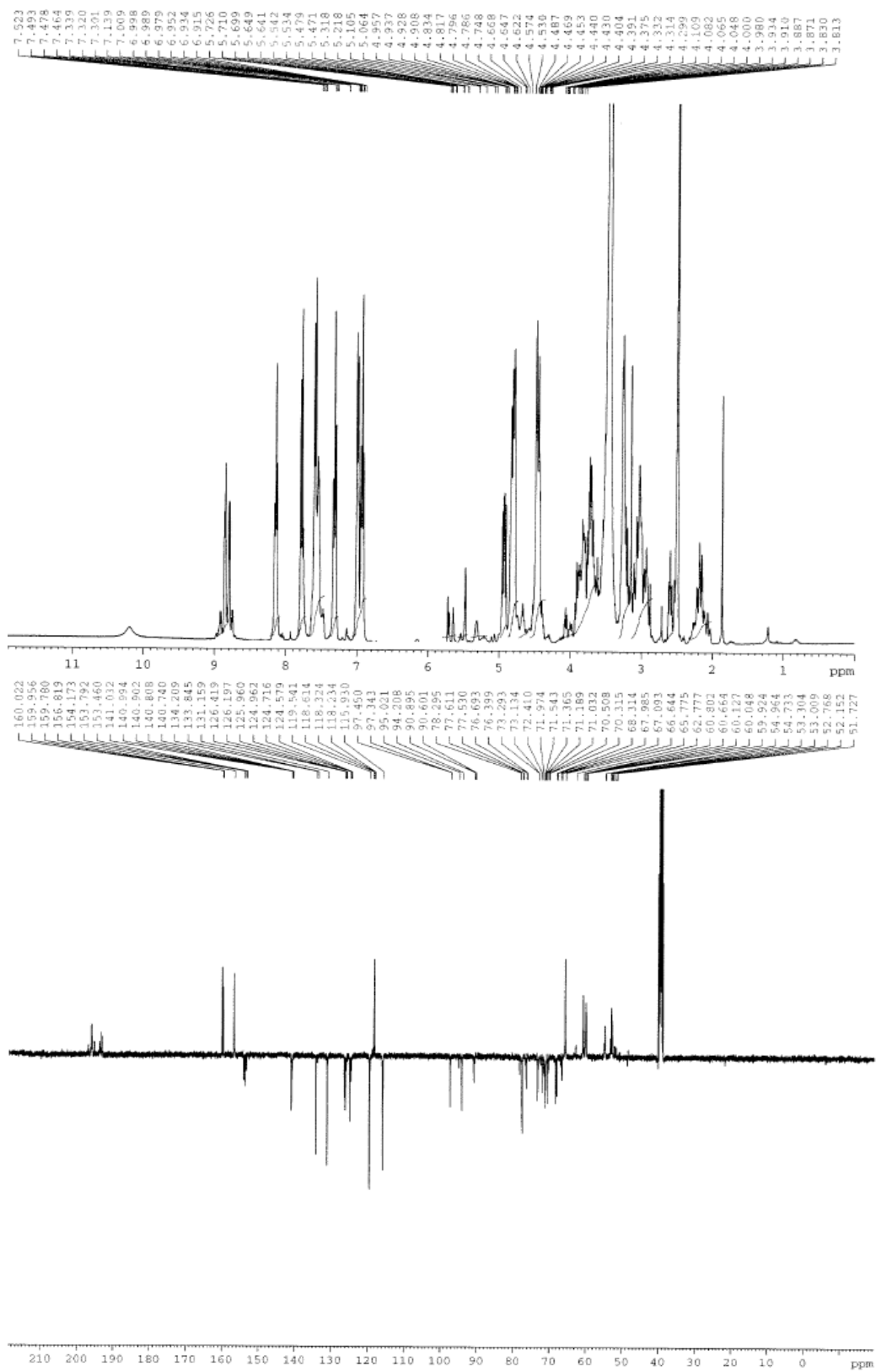


Figure 18. ¹H (above) and ¹³C APT (below) NMR spectra of compound **22-Re(CO)₃**.