

Supporting Information

Nitrate directed organized assemblies of protonated arene based tripodal receptors

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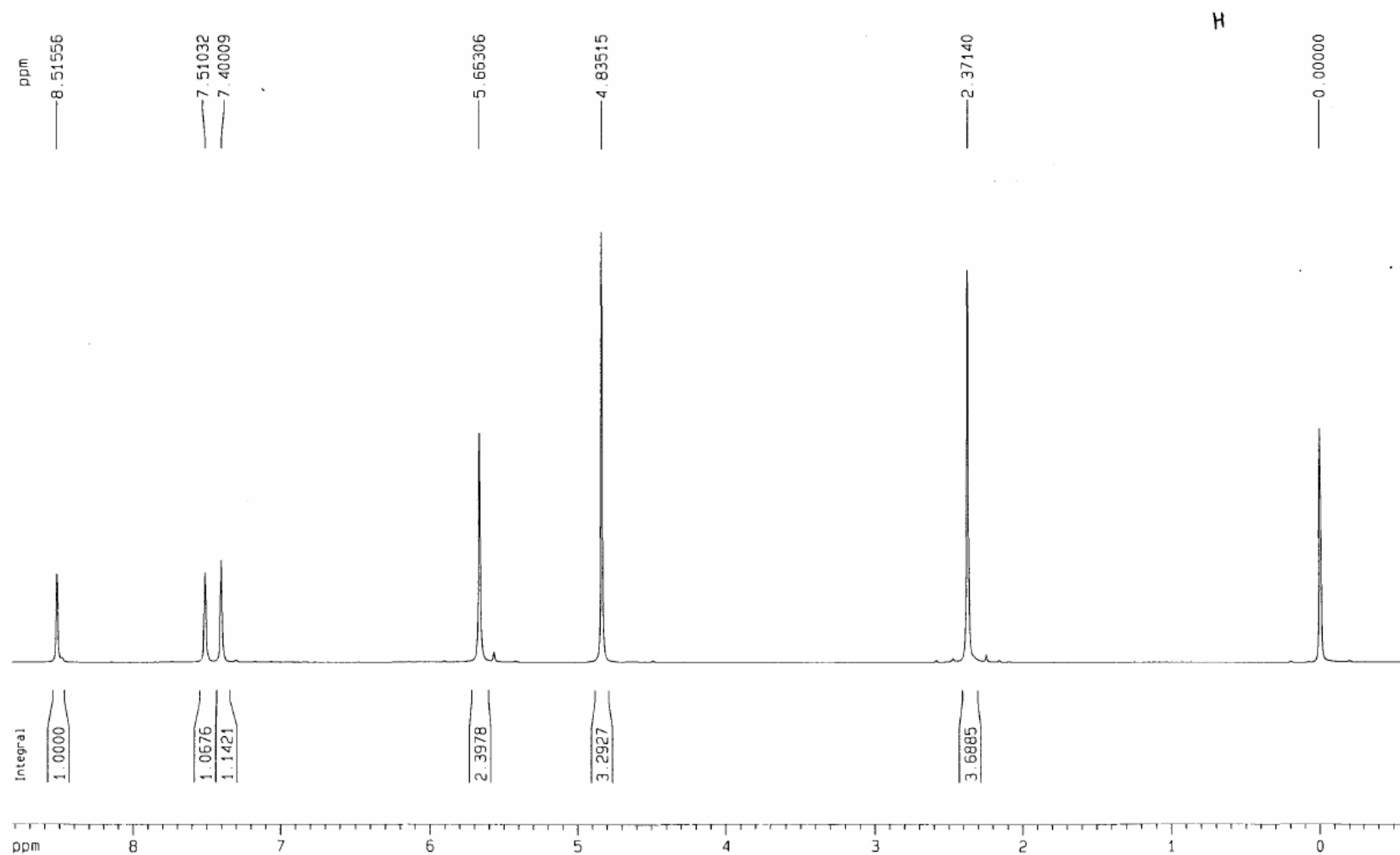
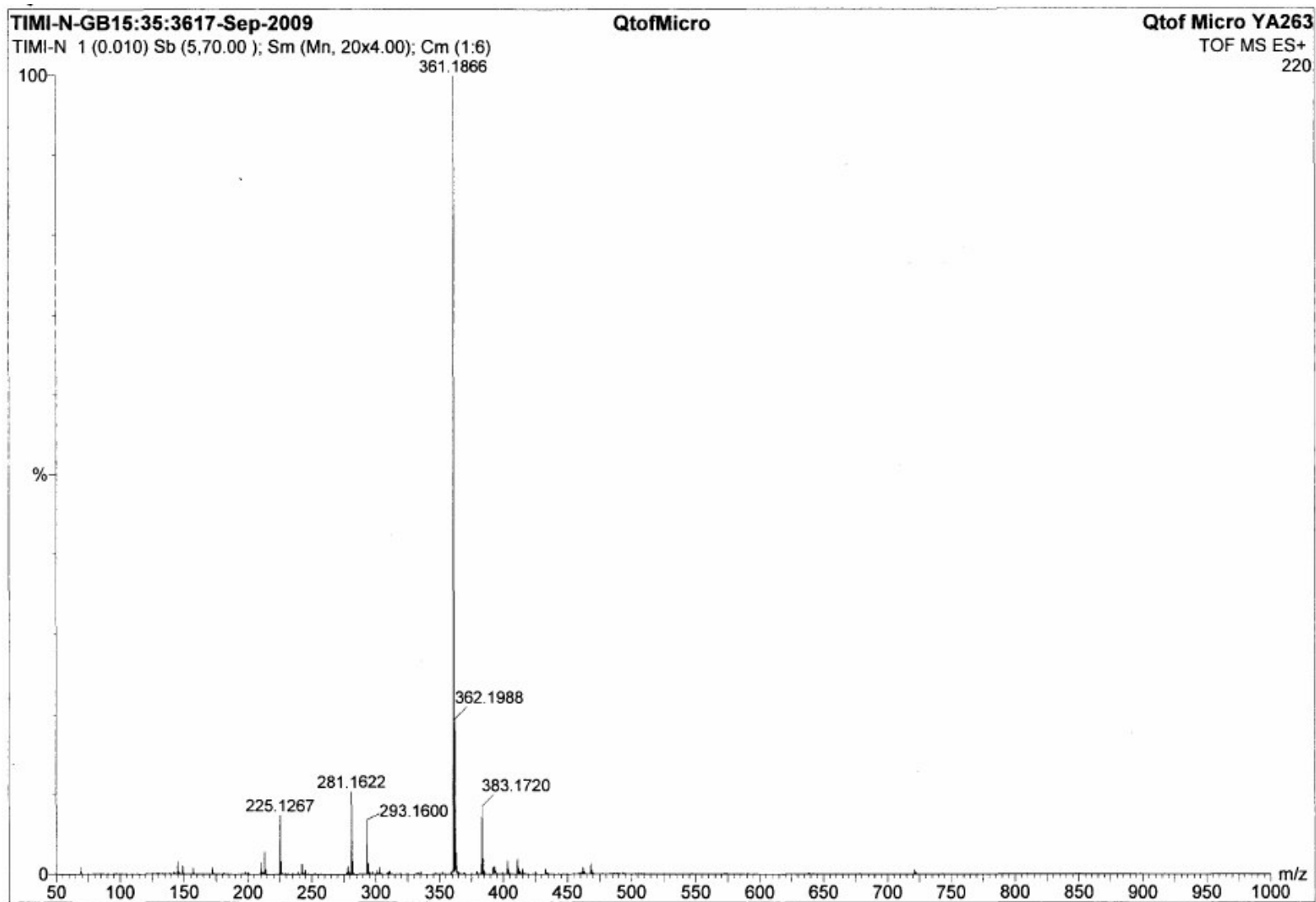


Figure S1. ^1H -NMR spectra of Complex 3 in $\text{DMSO}-d_6$ at 25°C .



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Figure S2. HRMS (ESI) spectra of Complex 3.

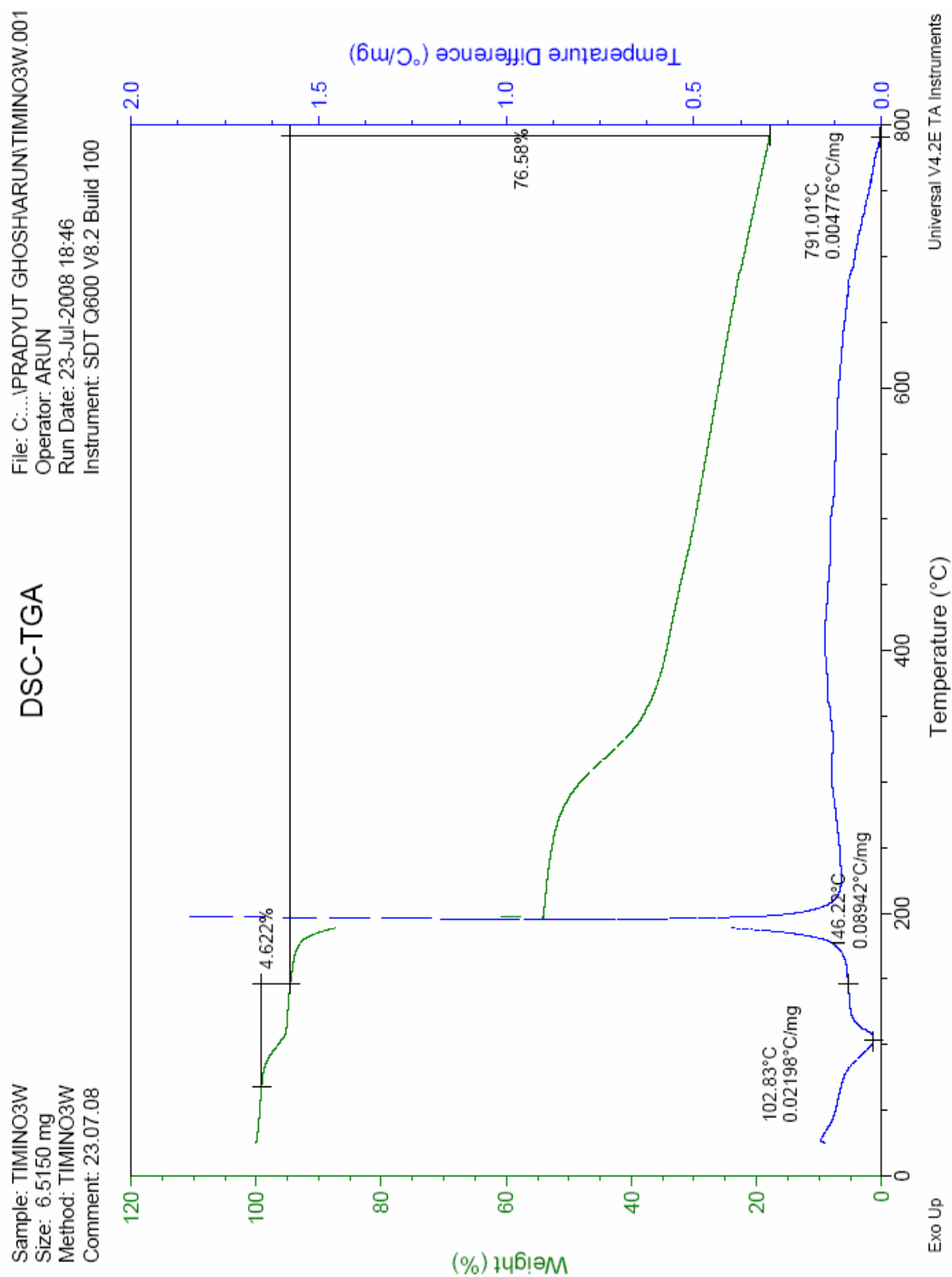


Figure S3. TGA curve for Complex 3 showing 1.5 H₂O loss.

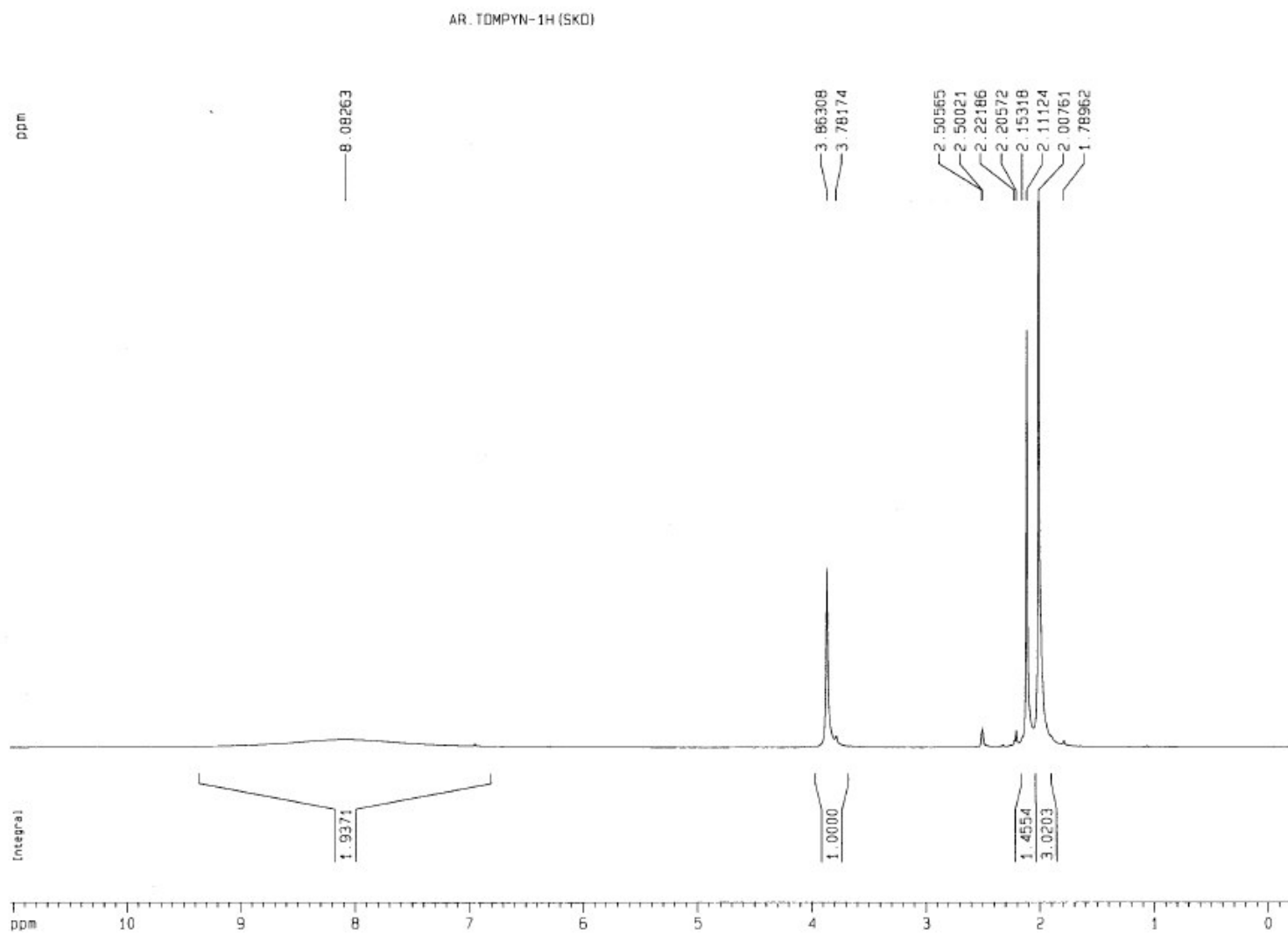


Figure S4. ^1H -NMR spectra of complex 4 in $\text{DMSO}-d_6$ at 25°C

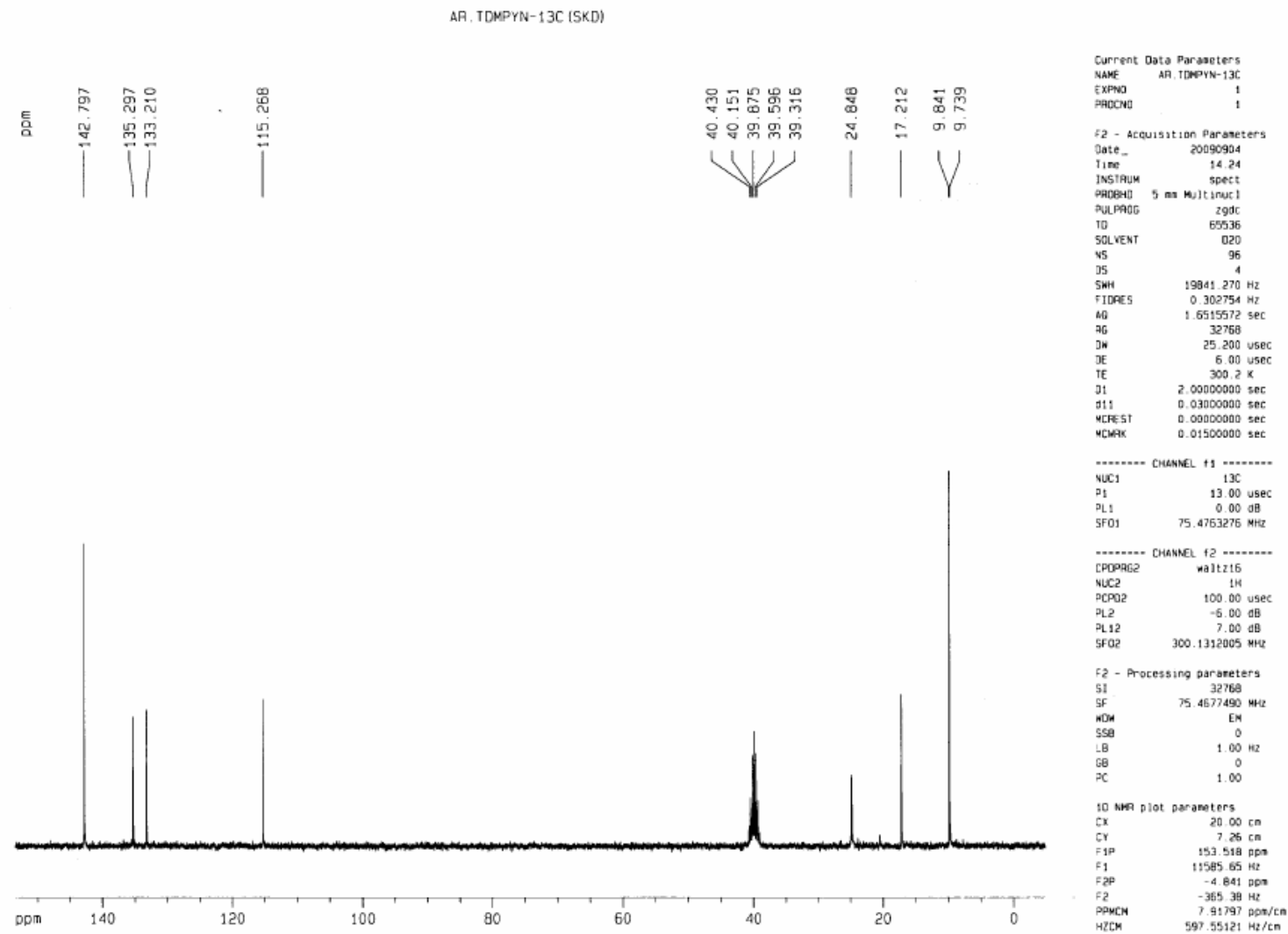


Figure S5. ^{13}C -NMR spectra of complex 4 in $\text{DMSO}-d_6$ at 25°C

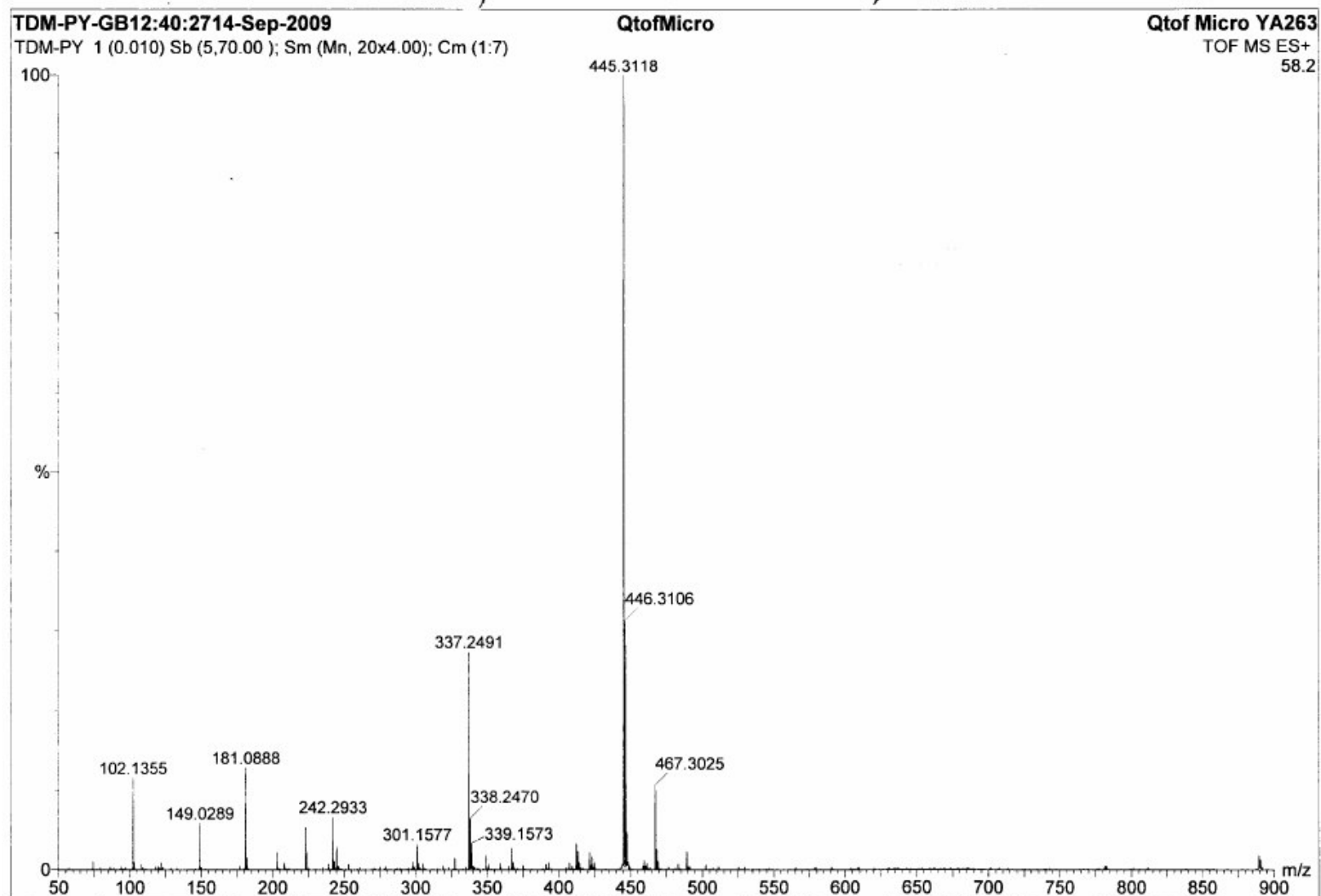
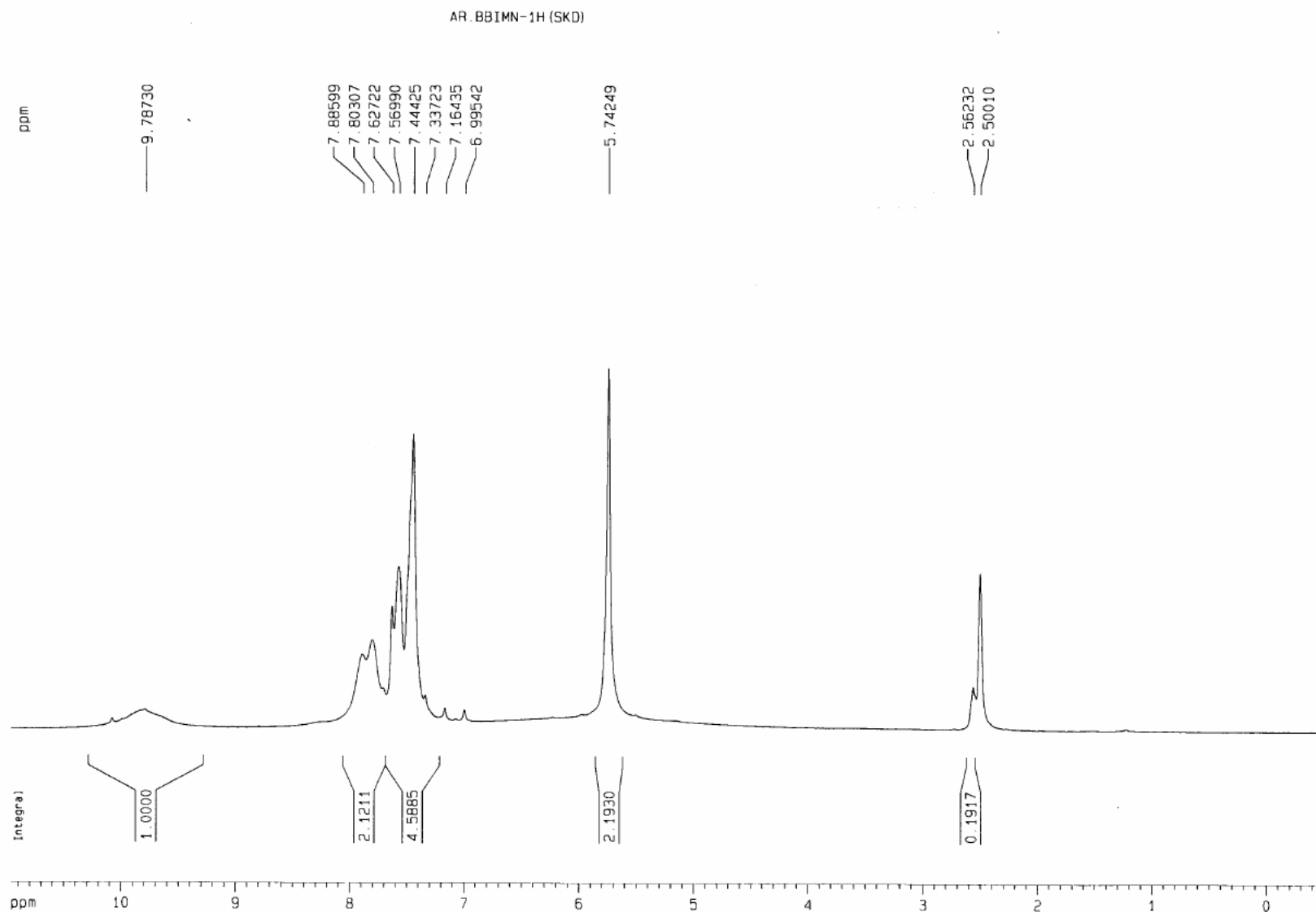


Figure S6. HRMS (ESI) spectra of Complex 4.



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Figure S7. ^1H -NMR spectra of complex 5 in $\text{DMSO}-d_6$ at 25°C

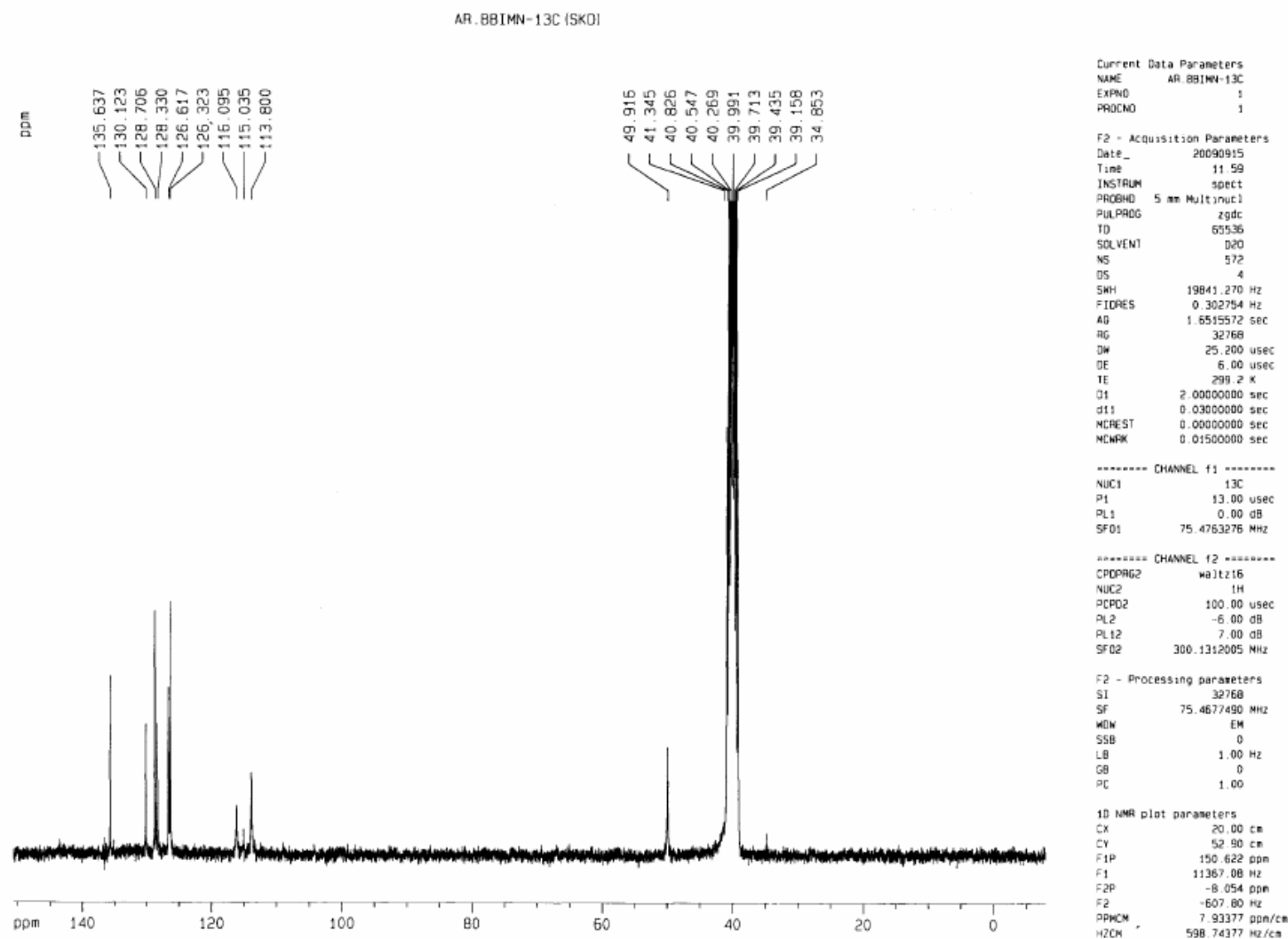


Figure S8. ^{13}C -NMR spectra of complex 5 in $\text{DMSO-}d_6$ at 25°C

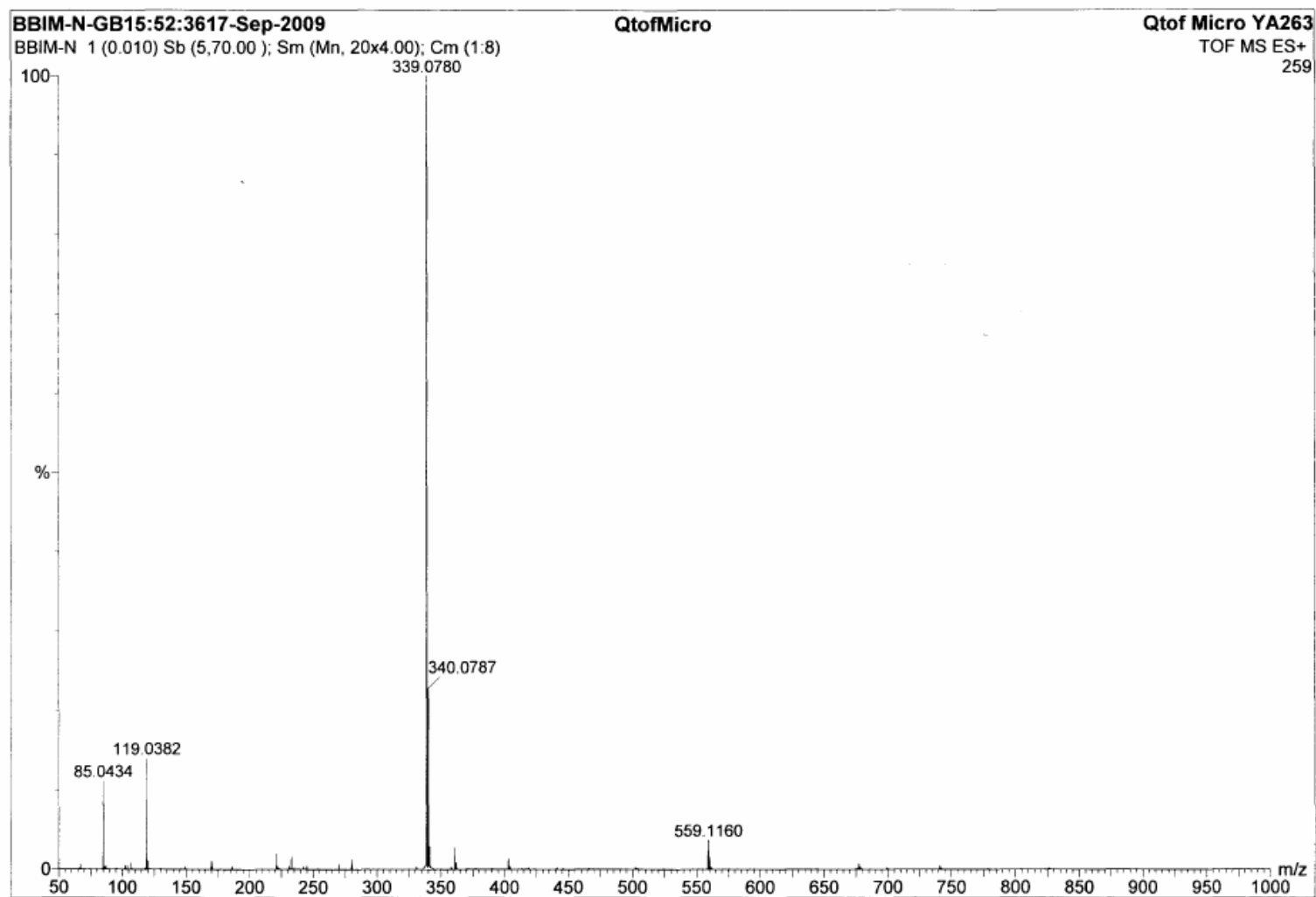


Figure S9. HRMS (ESI) spectra of Complex 5.

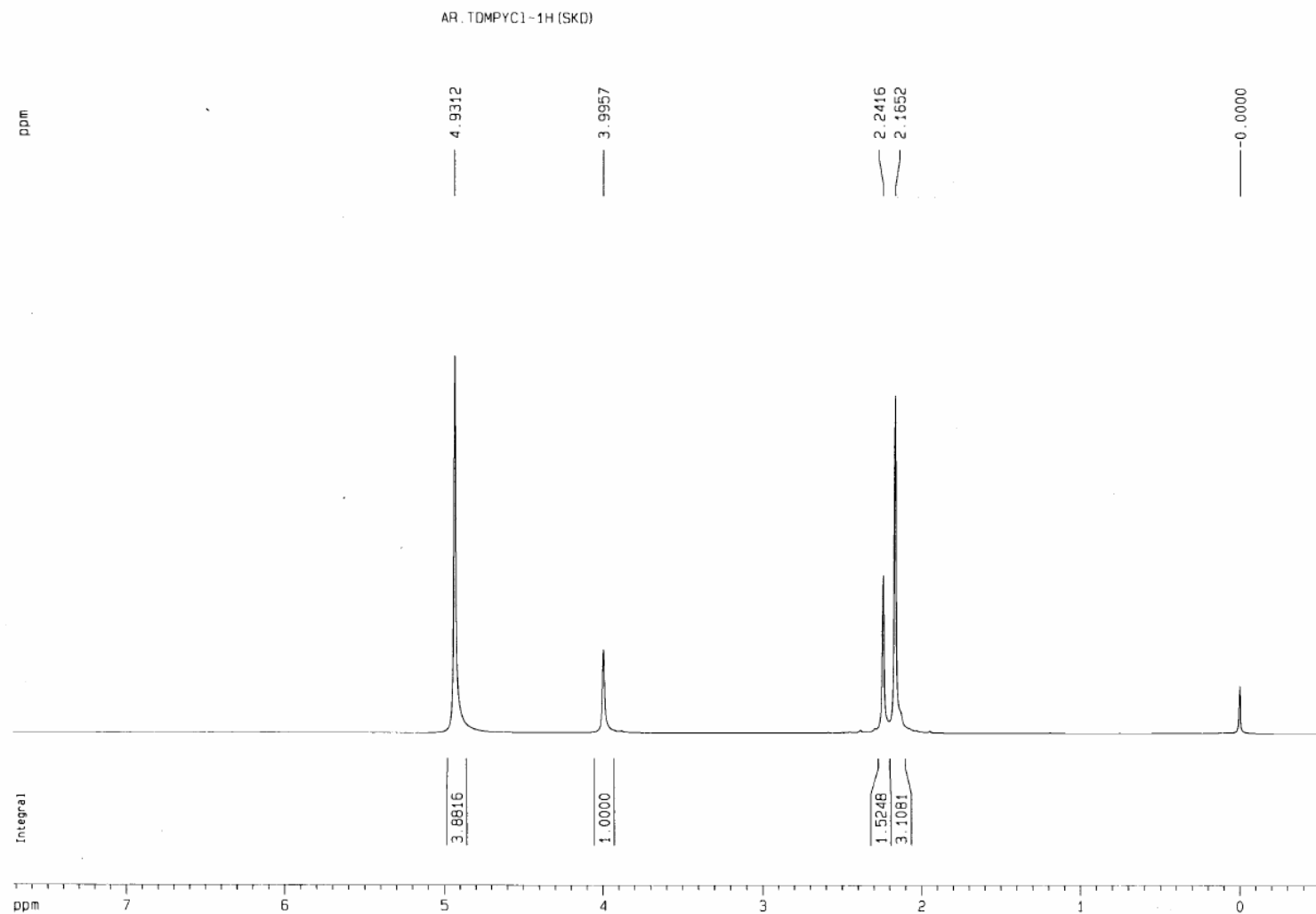


Figure S10. ^1H -NMR spectra of complex 6 in D_2O at 25°C .

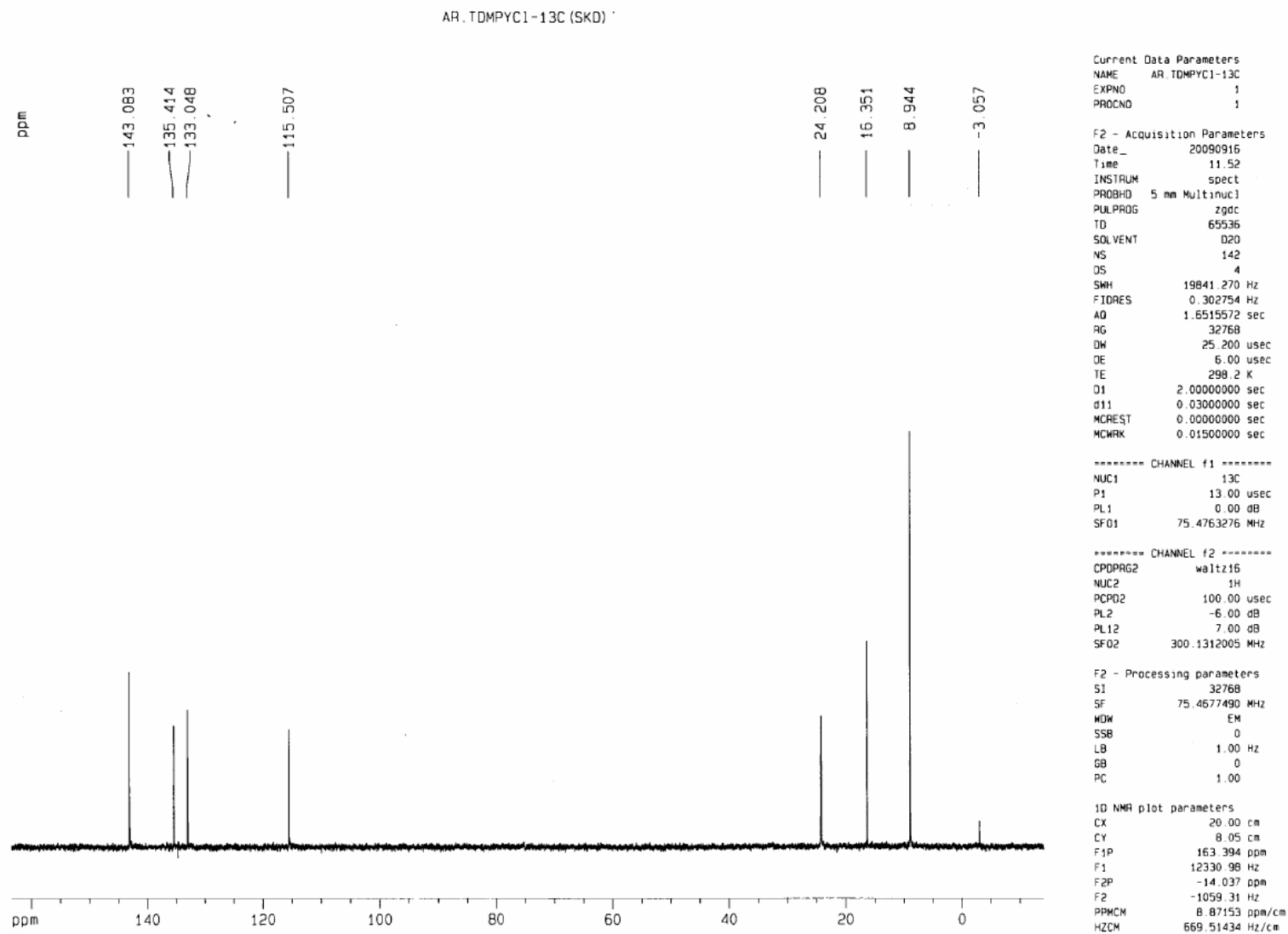


Figure S11. ^{13}C -NMR spectra of complex 6 in D_2O at 25°C .

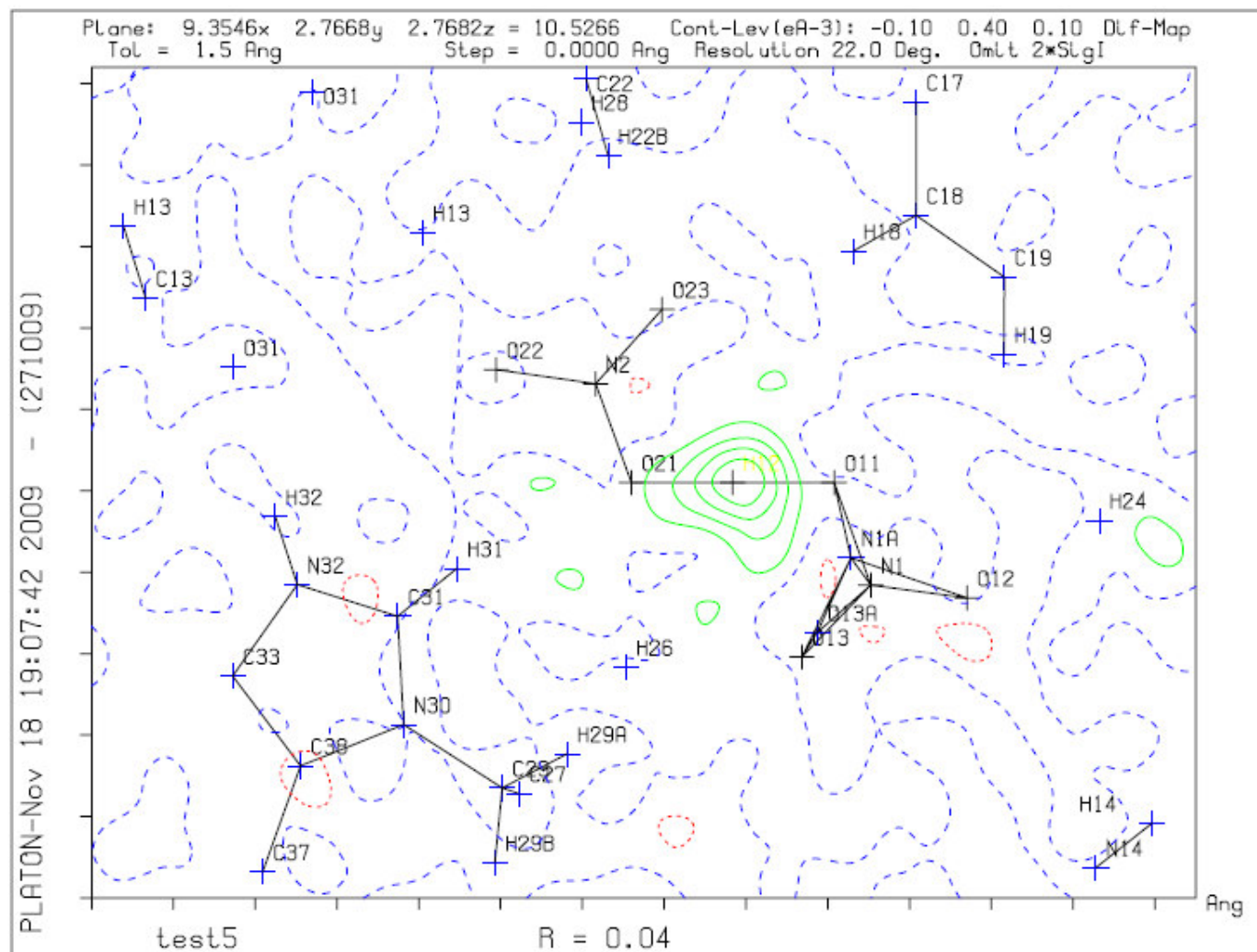


Figure S12. Difference map showing the central hydrogen atom of the hydrogen dinitrate anion.

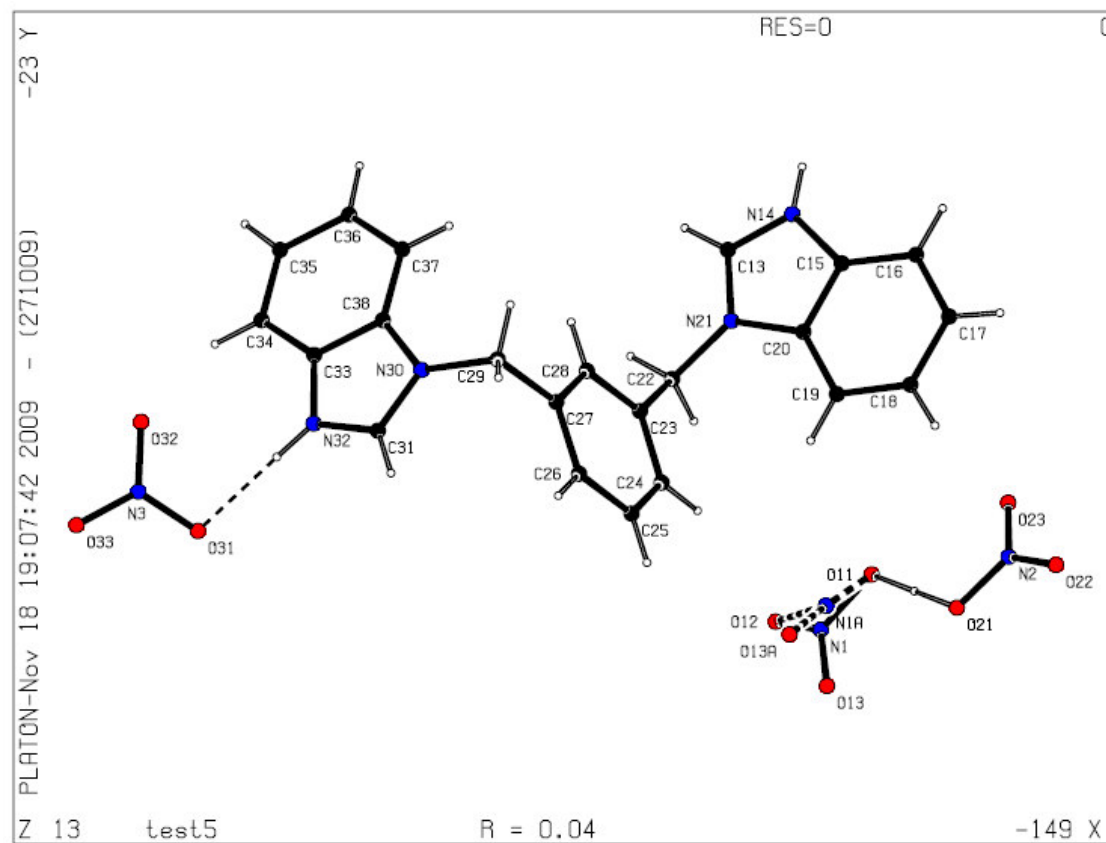


Figure S13. A PLUTON plot of the asymmetric unit of compound **5**.