

UV-vis Spectra of C₆₀(1.1x10⁻⁵M), 1(1.73x10⁻⁵M), 2(1.64x10⁻⁵M) (All in toluene)

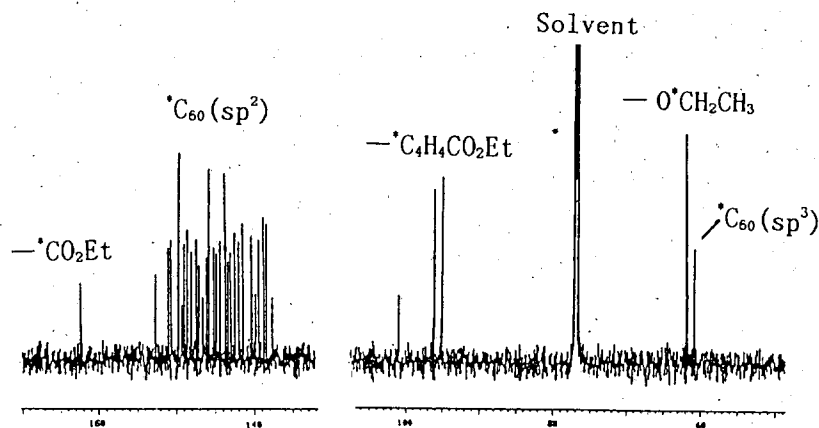


Figure 1. ^{13}C NMR Spectrum of compound 1

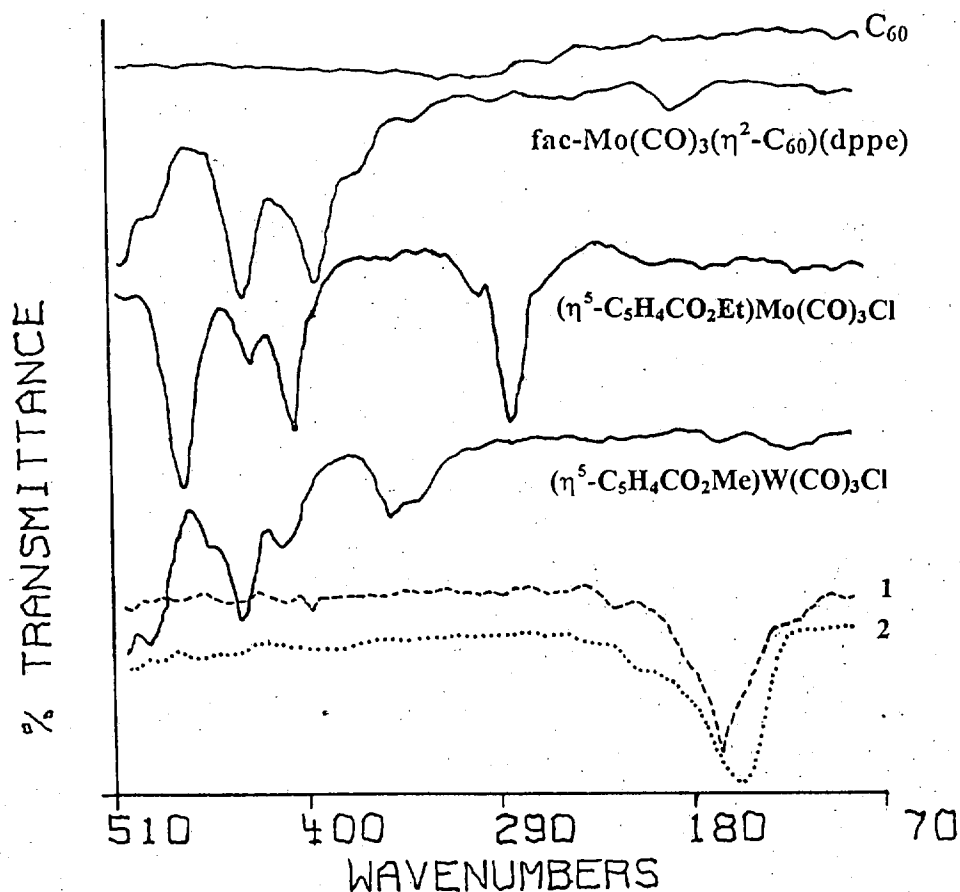
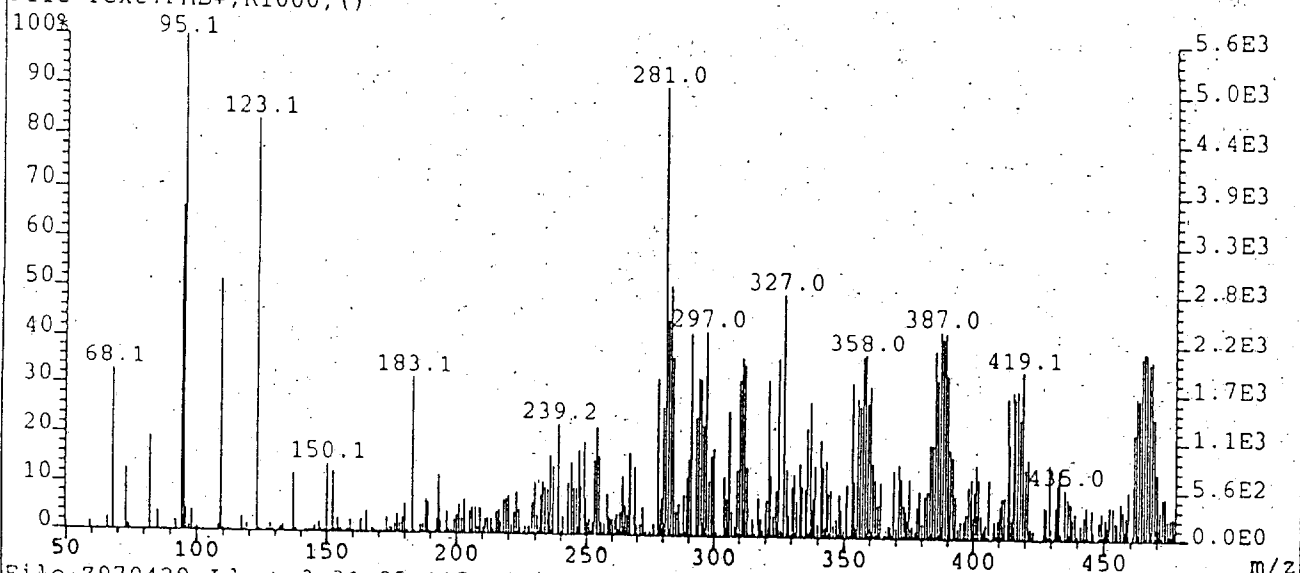


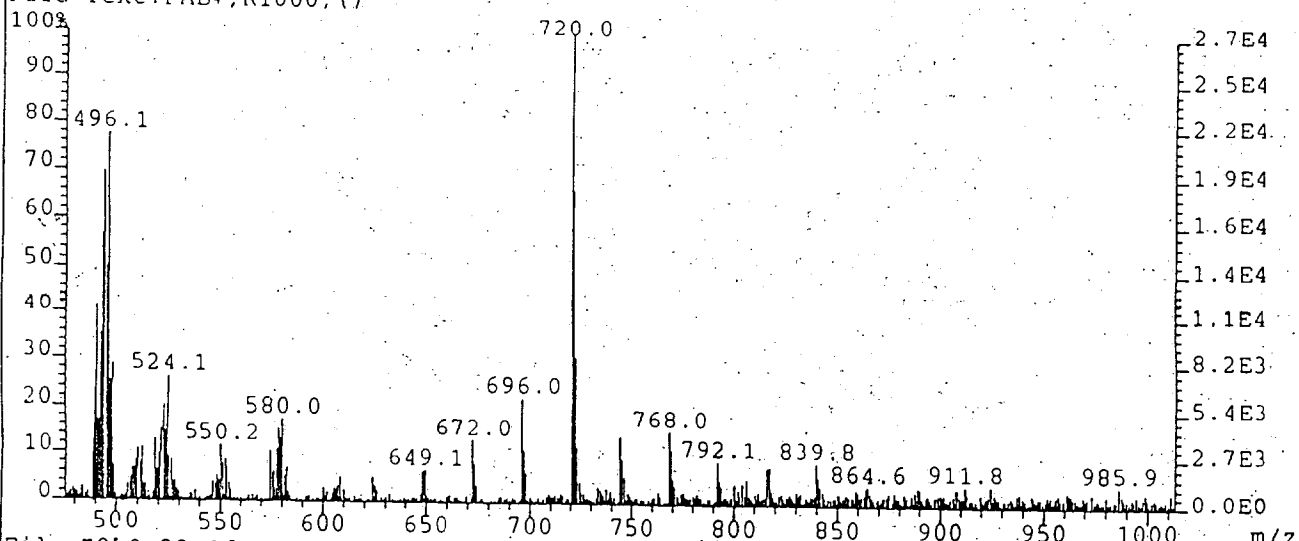
Figure 2. Far-IR Spectra of C_{60} , $(\eta^5\text{-C}_5\text{H}_4\text{CO}_2\text{Et})\text{Mo}(\text{CO})_3\text{Cl}$, $(\eta^5\text{-C}_5\text{H}_4\text{CO}_2\text{Me})\text{W}(\text{CO})_3\text{Cl}$, $(\mu\text{-C}_{60})\text{Mo}_2(\text{CO})_6(\eta^5\text{-C}_5\text{H}_4\text{CO}_2\text{Et})_2$, $(\mu\text{-C}_{60})(\eta^5\text{-C}_5\text{H}_4\text{CO}_2\text{Me})_2\text{W}_2(\text{CO})_6$ and $\text{fac-Mo}(\text{CO})_3(\eta^2\text{-C}_{60})(\text{dppe})$.

FAB-MS Spectrum of $(\mu\text{-C}_{60})\text{Mo}_2(\text{CO})_6(\eta^5\text{-C}_5\text{H}_4\text{CO}_2\text{Et})_2$

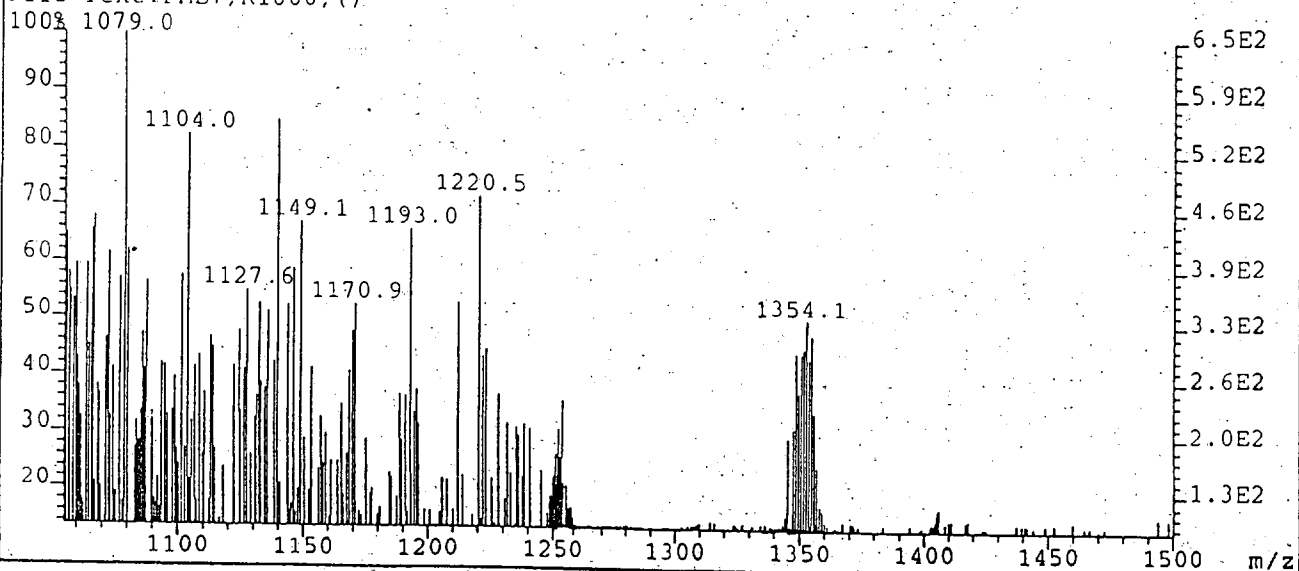
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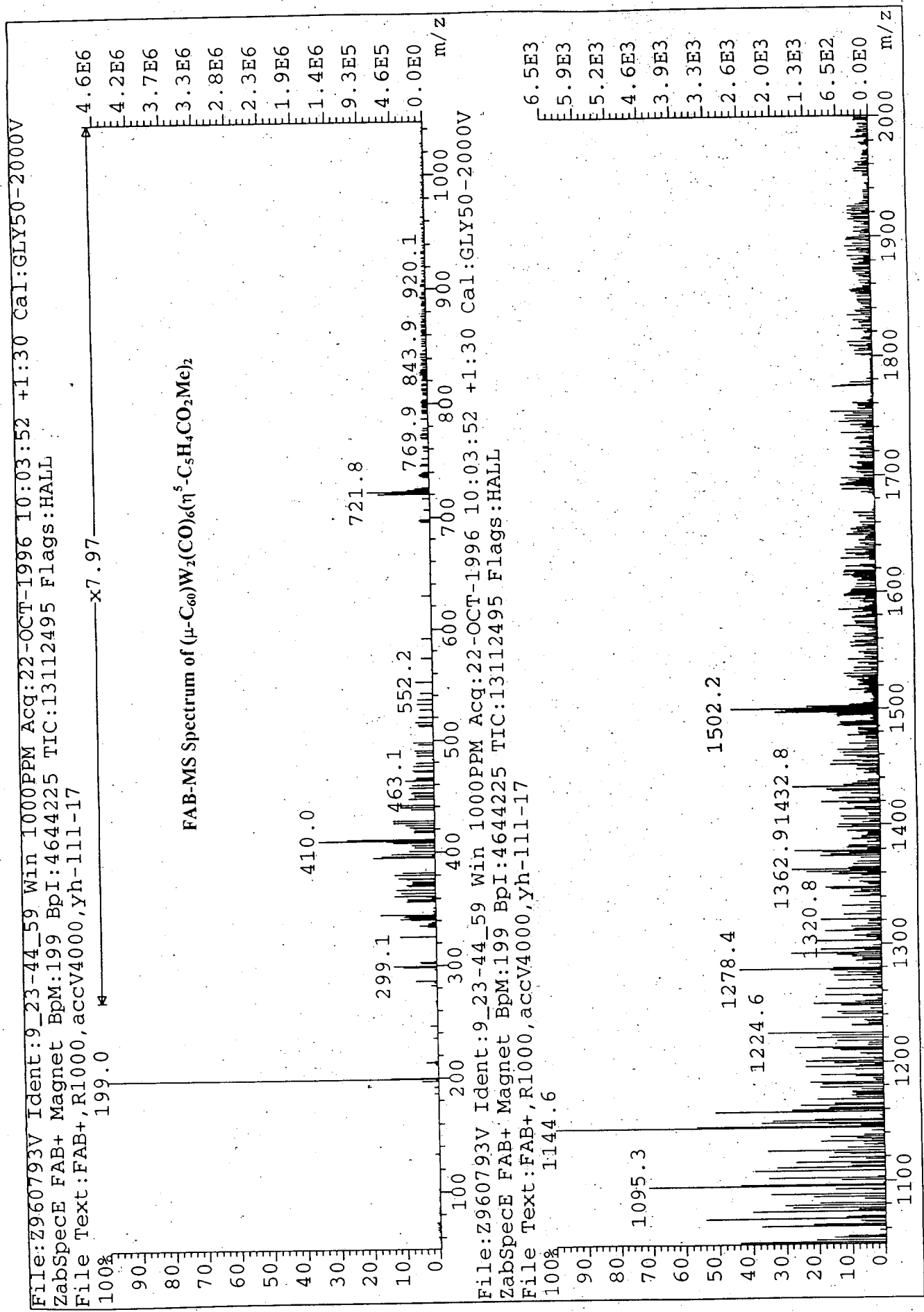


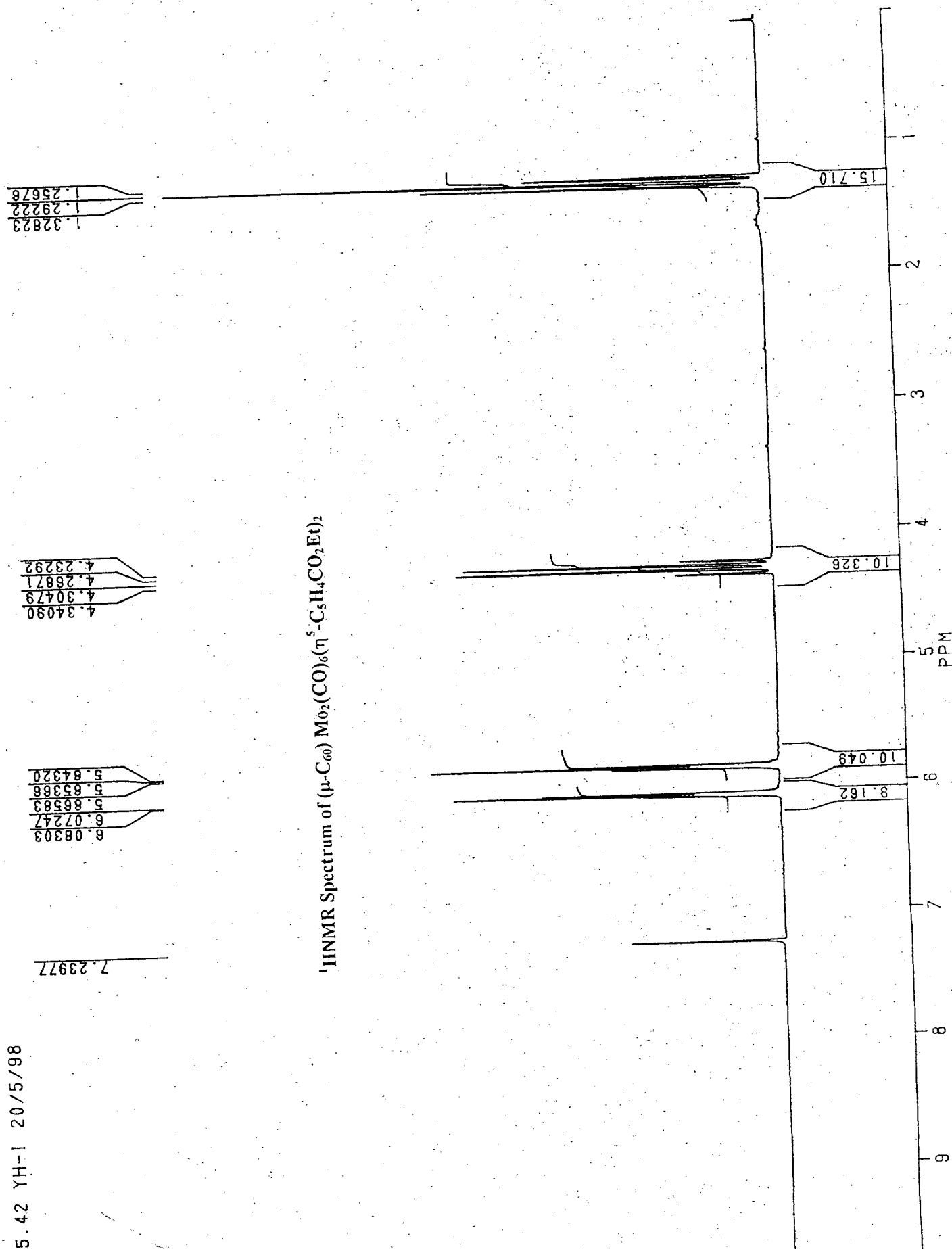
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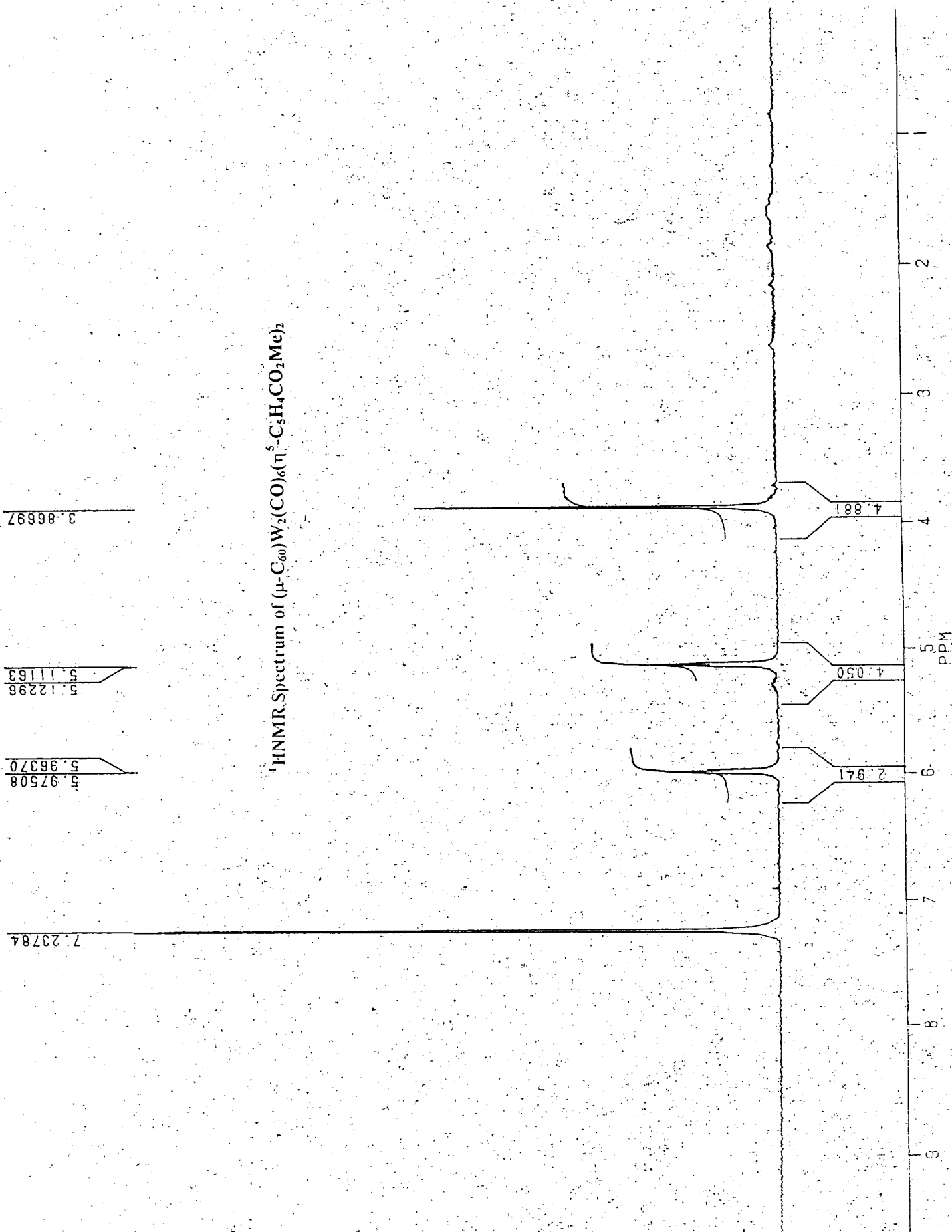
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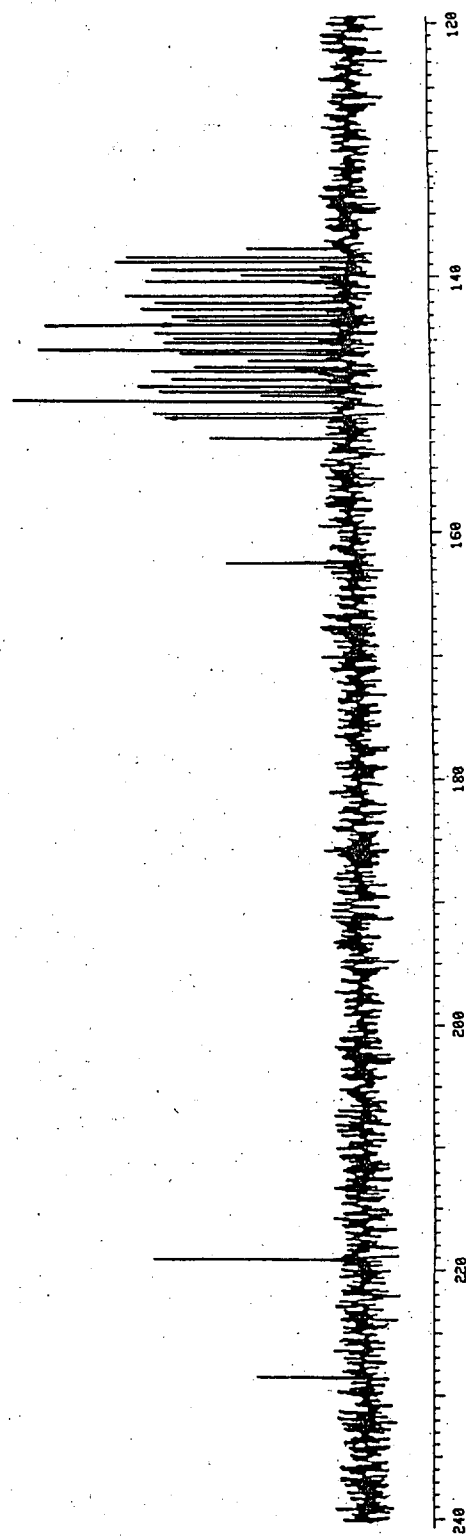




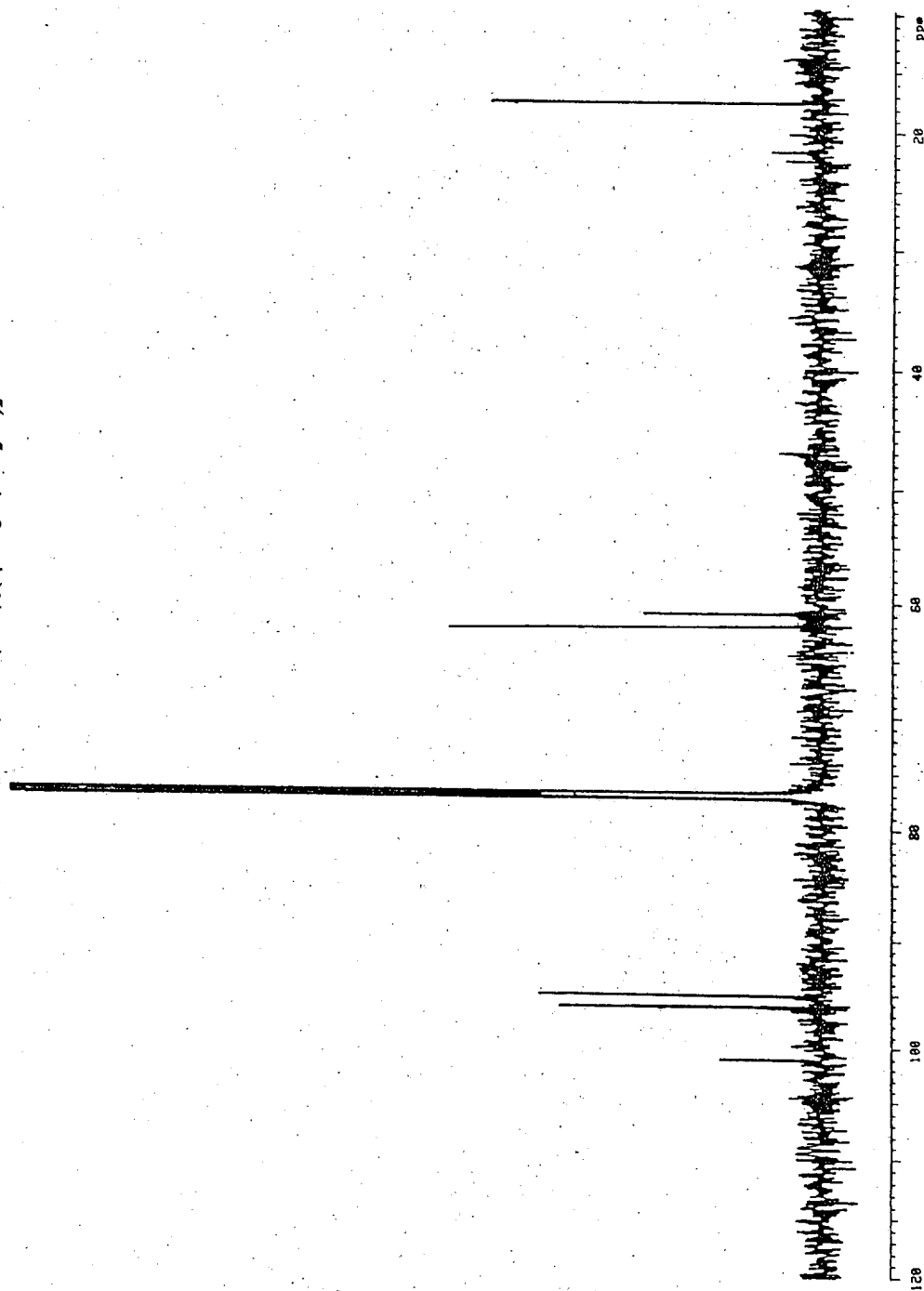
¹H NMR Spectrum of (μ-C₆₀)W₂(CO)₆(η⁵-C₅H₄CO₂Me)₂



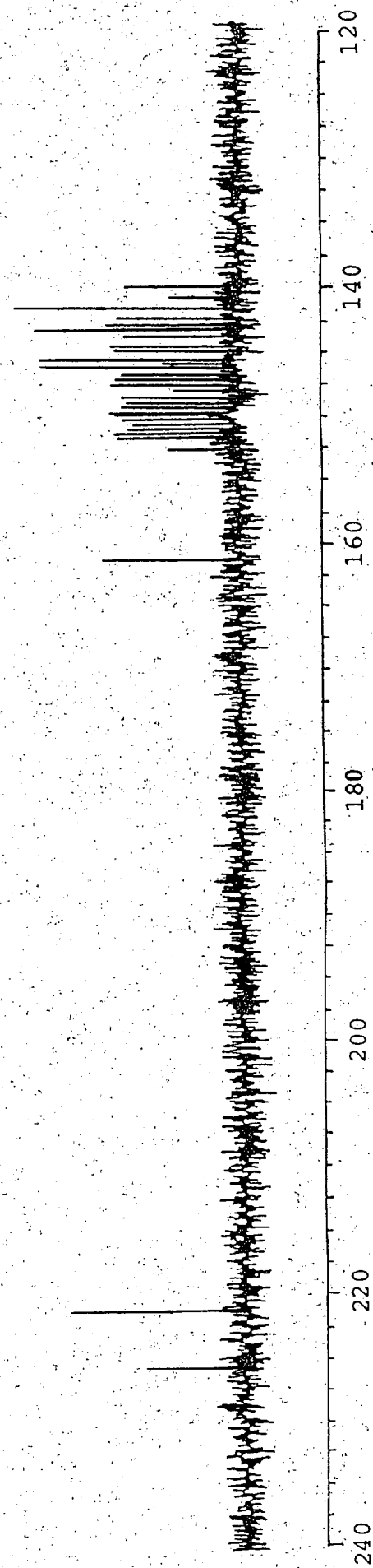
^{13}C NMR Spectrum of $(\mu\text{-C}_{60})\text{Mo}_2(\text{CO})_6(\eta^5\text{-C}_5\text{H}_4\text{CO}_2\text{Et})_2$



^{13}C NMR Spectrum of $(\mu\text{-C}_{60})\text{MoO}_2(\text{CO})_6(\eta^5\text{-C}_5\text{H}_4\text{CO}_2\text{Et})_2$



^{13}C NMR Spectrum of $(\mu\text{-C}_{60})\text{W}_2(\text{CO})_6(\eta^5\text{-C}_5\text{H}_4\text{CO}_2\text{Me})_2$



^{13}C NMR Spectrum of $(\mu\text{-C}_{60})\text{W}_2(\text{CO})_6(\eta^5\text{-C}_5\text{H}_4\text{CO}_2\text{Me})_2$

