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Facile synthesis of 5-hydroxymethylfurfural: A sustainable raw material for synthesis of key intermediates toward 21,23-dioxaporphyrins

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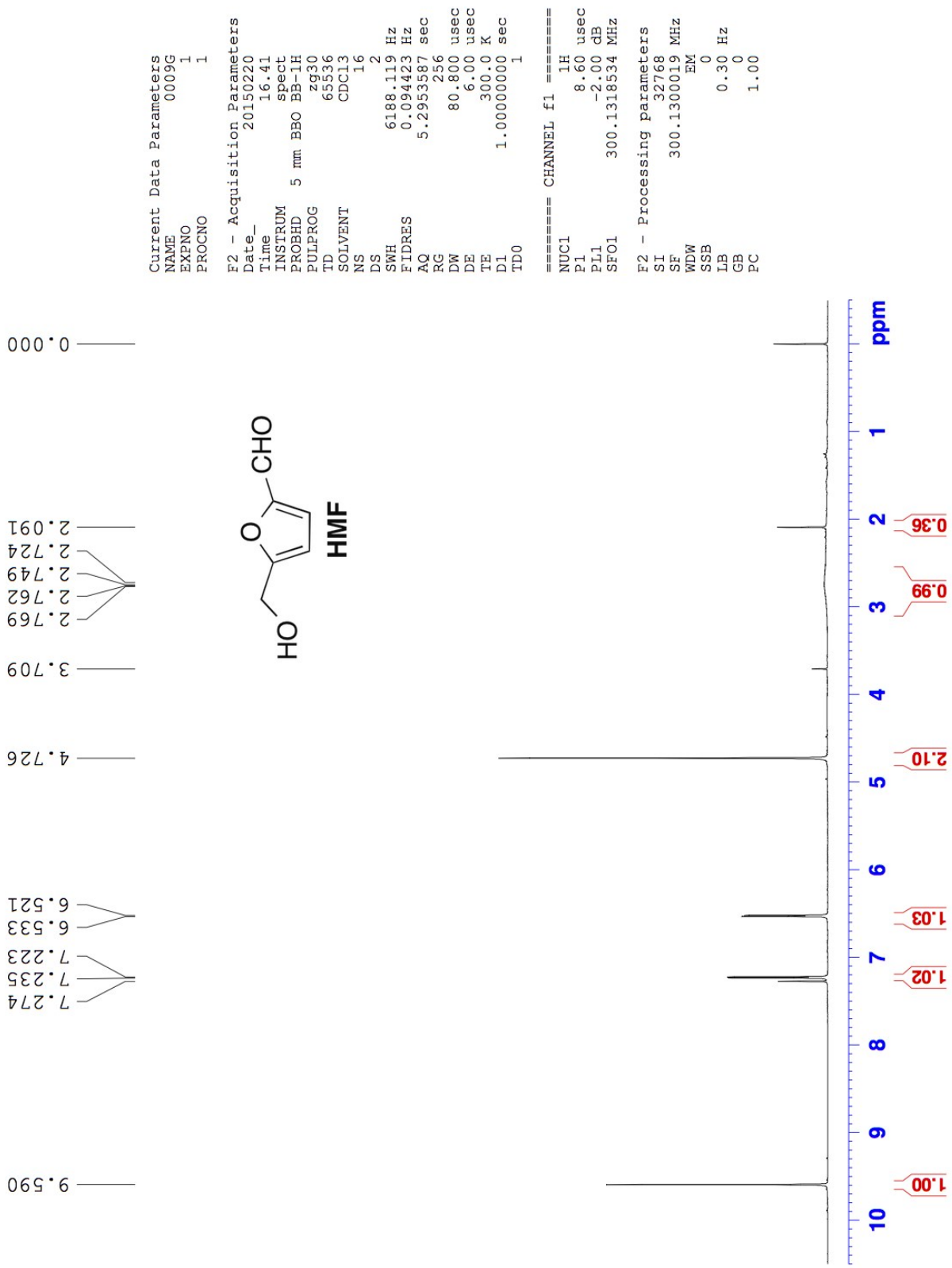
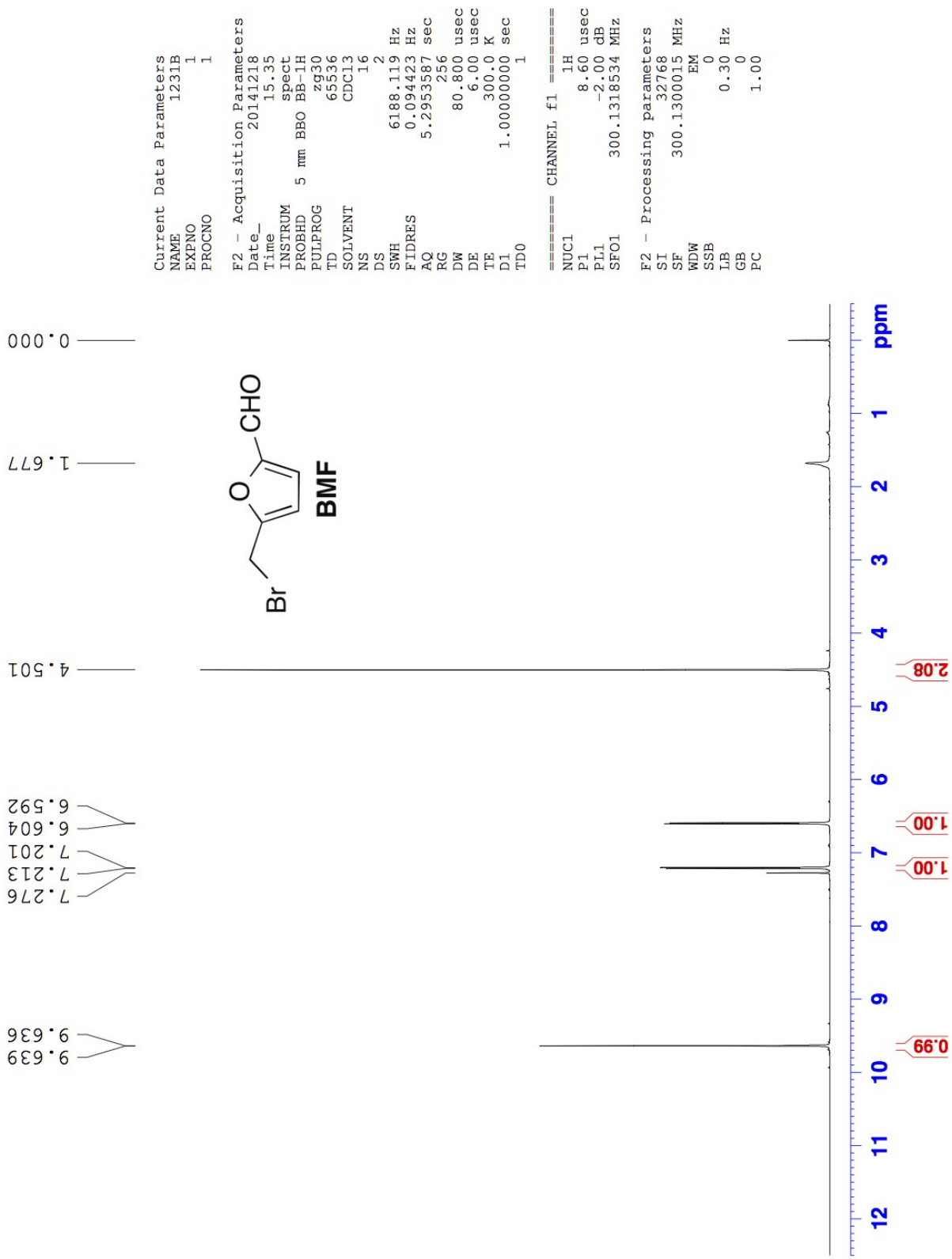


^{1}H NMR spectrum of HMF



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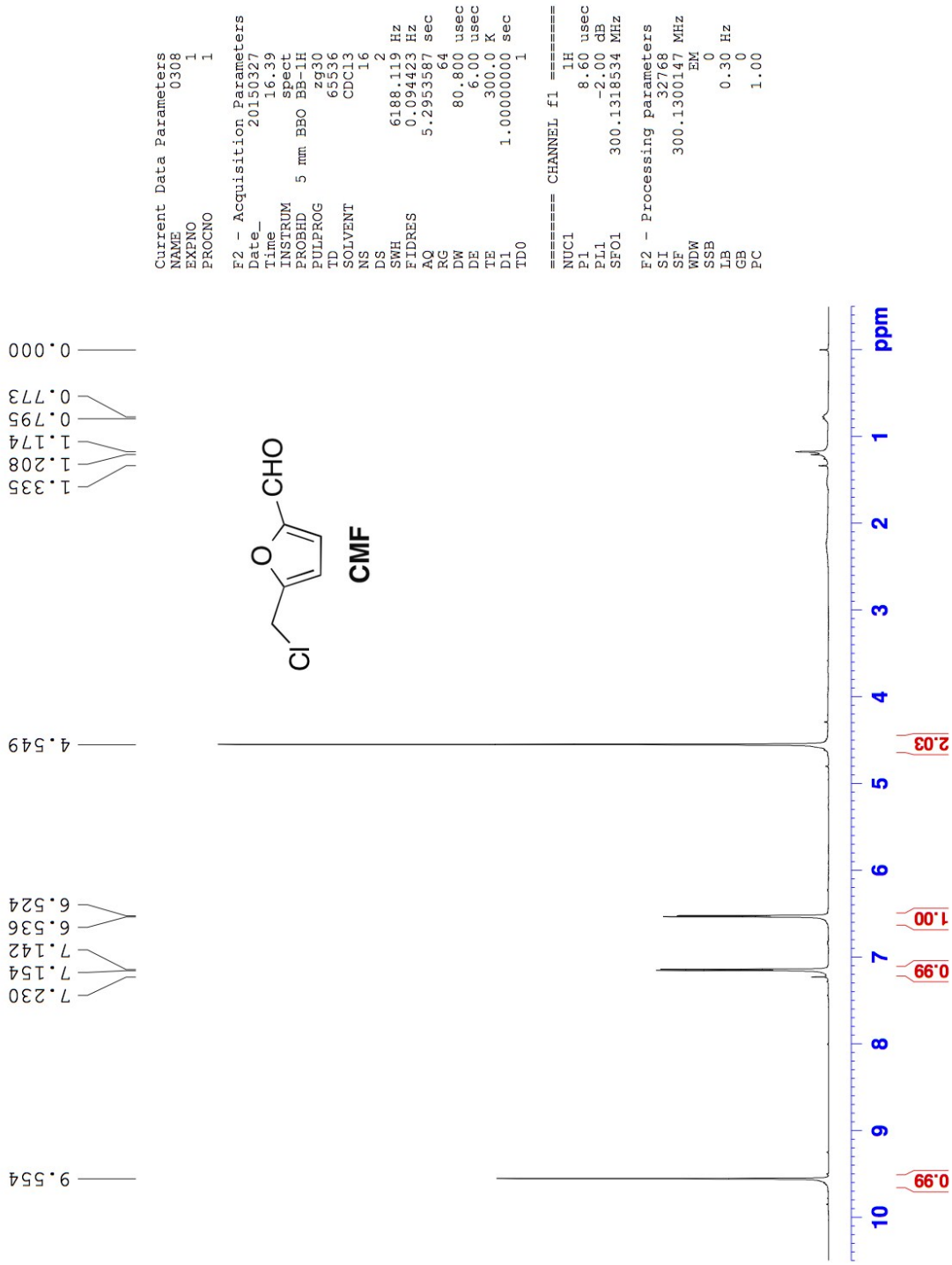
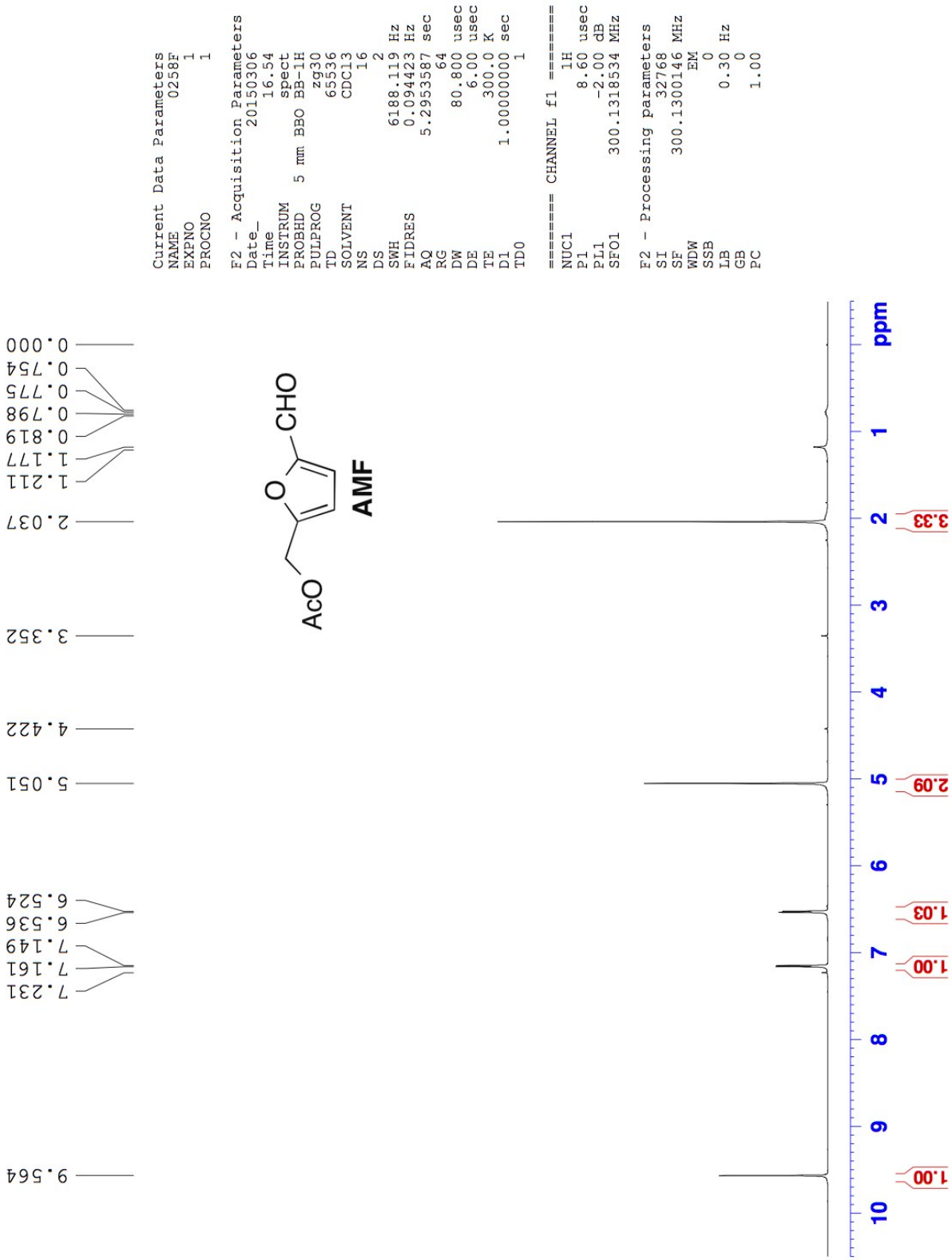
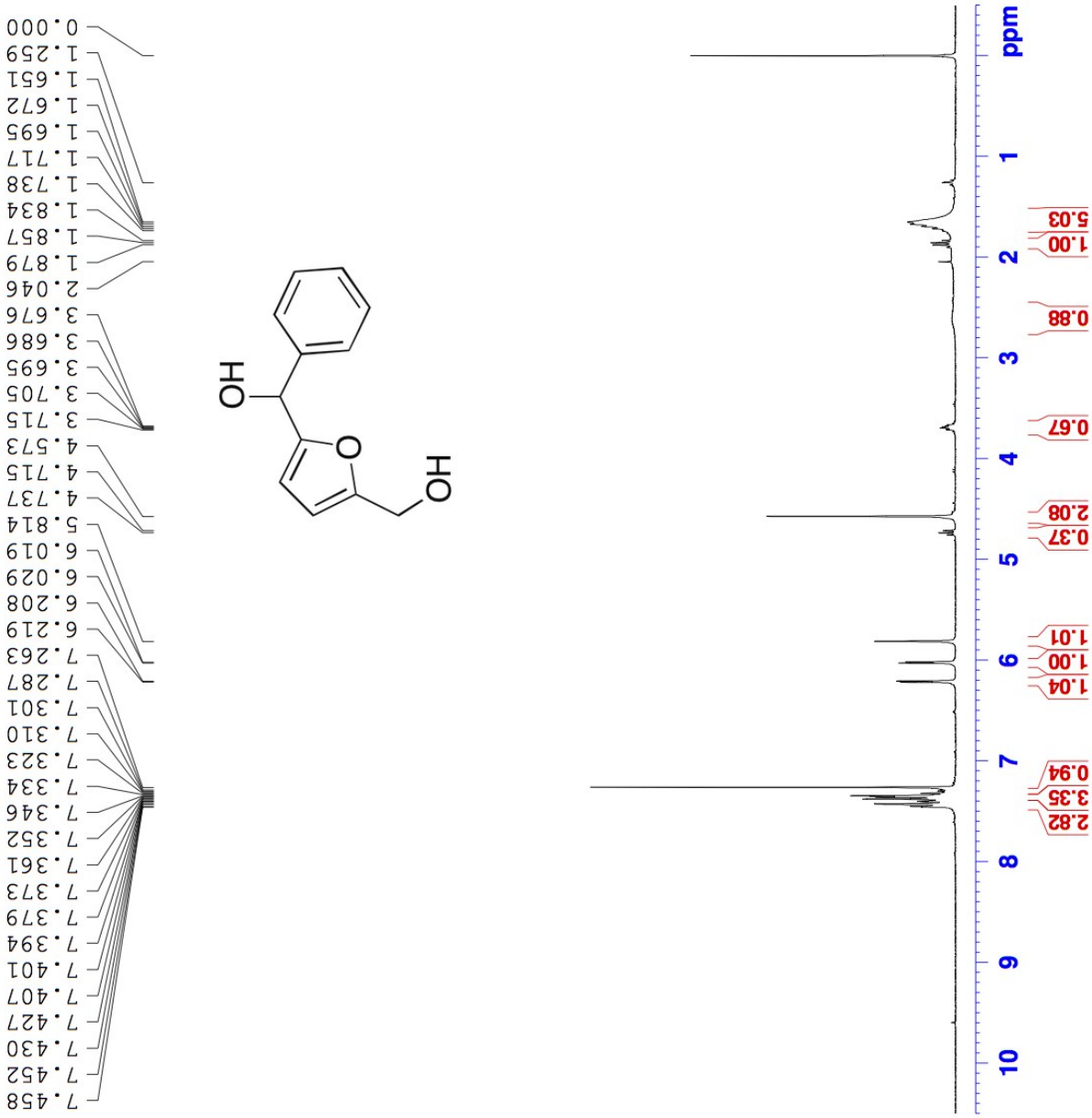


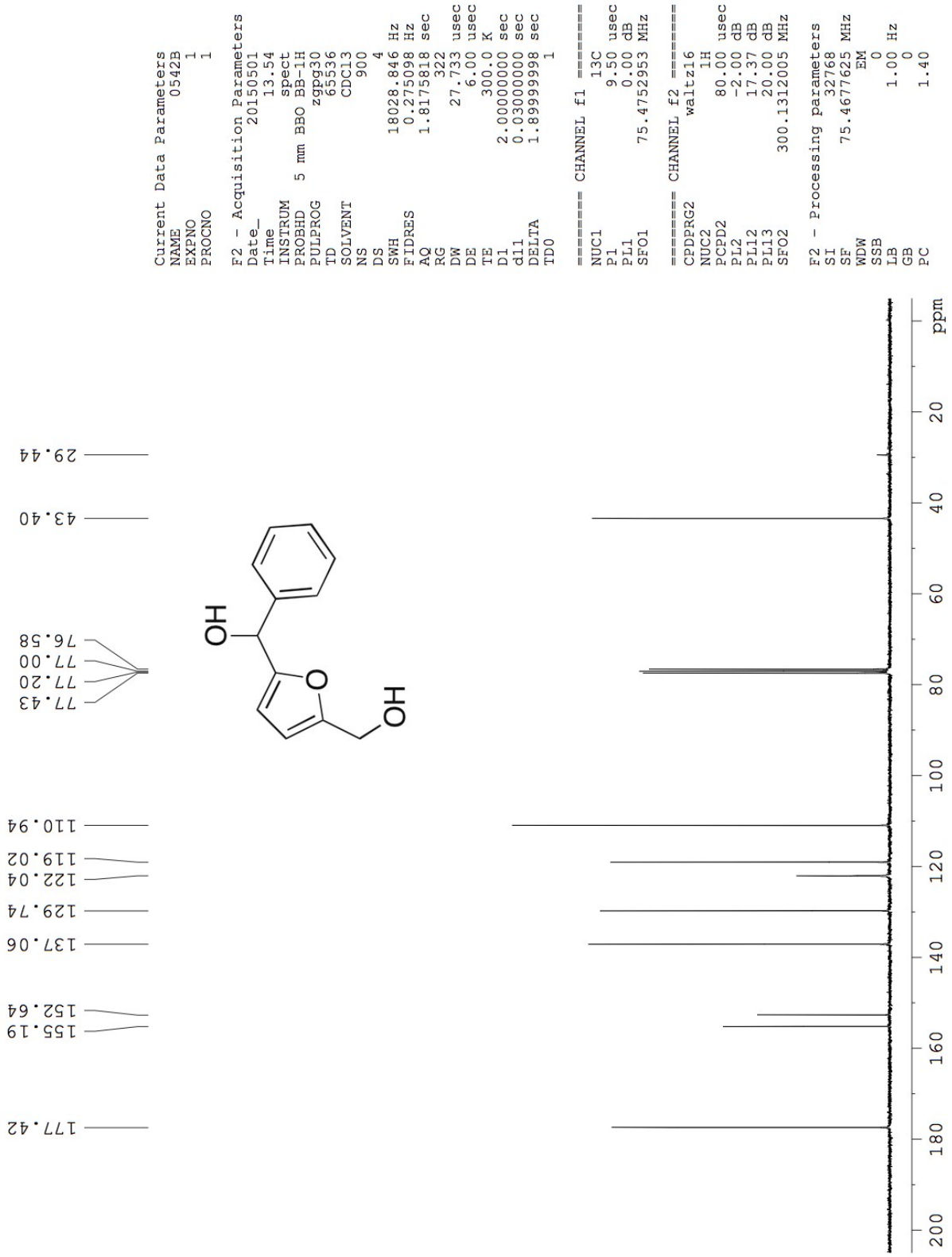
^{1}H NMR spectrum of CMF



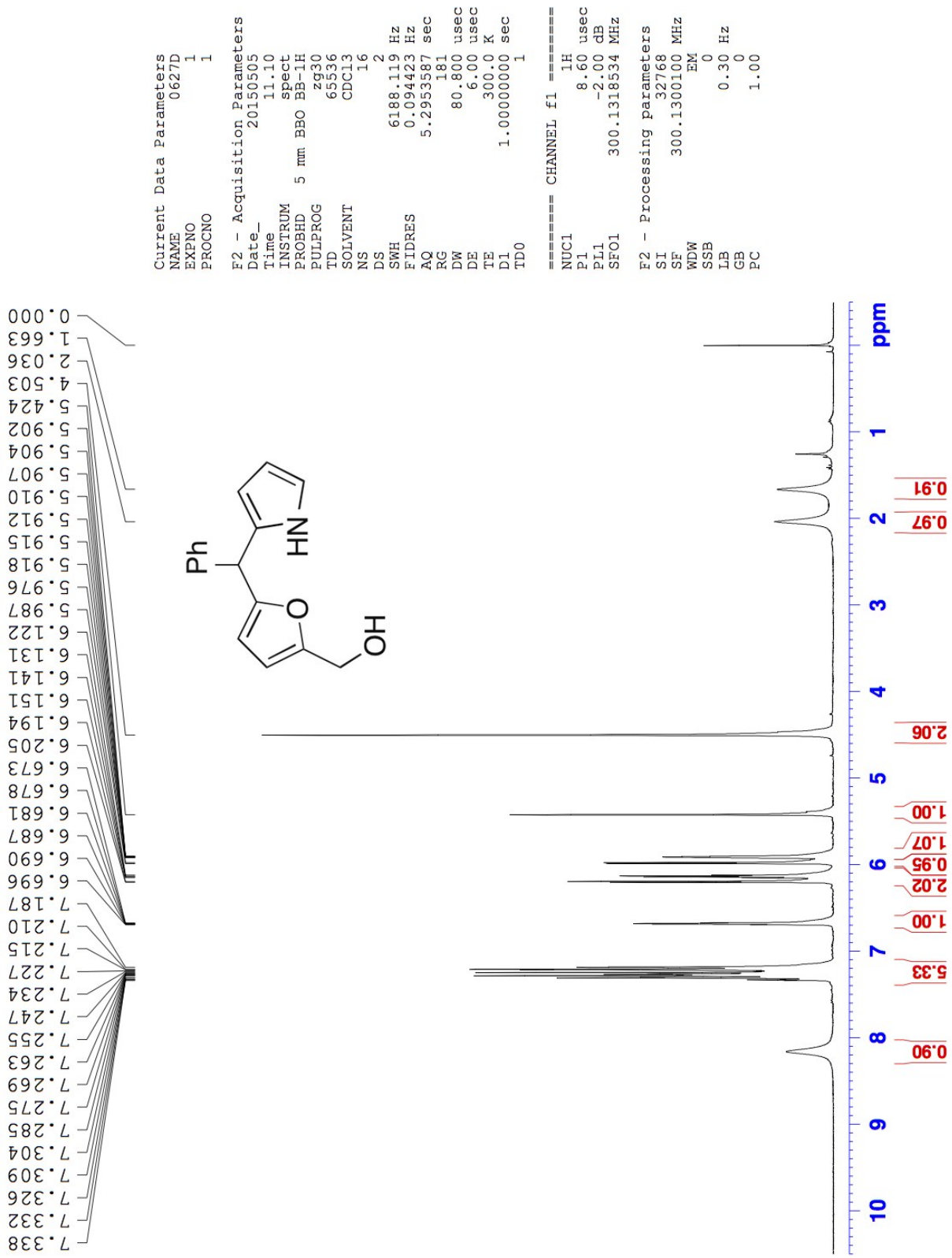
^{1}H NMR spectrum of AMF



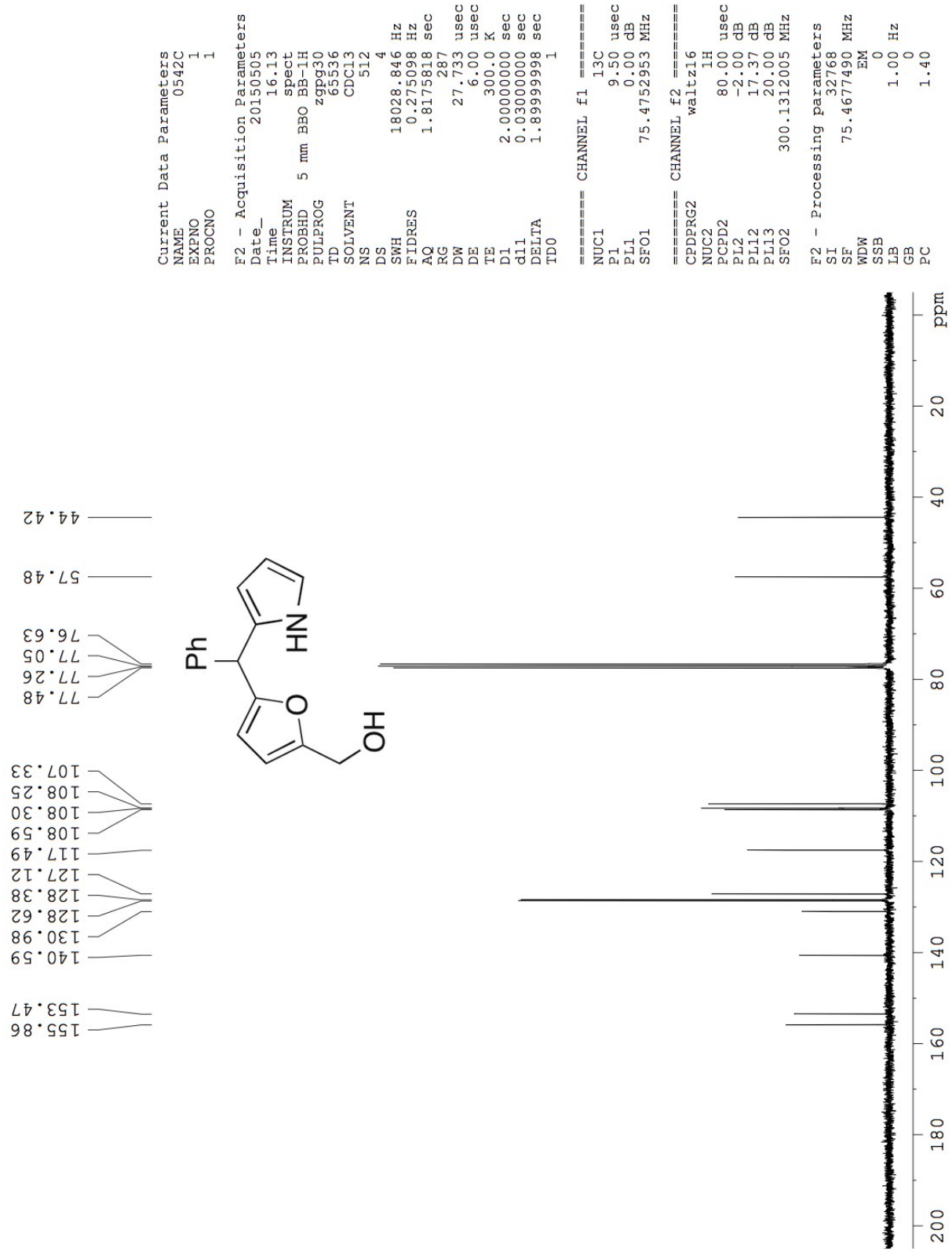
^{1}H NMR spectrum of compound 1



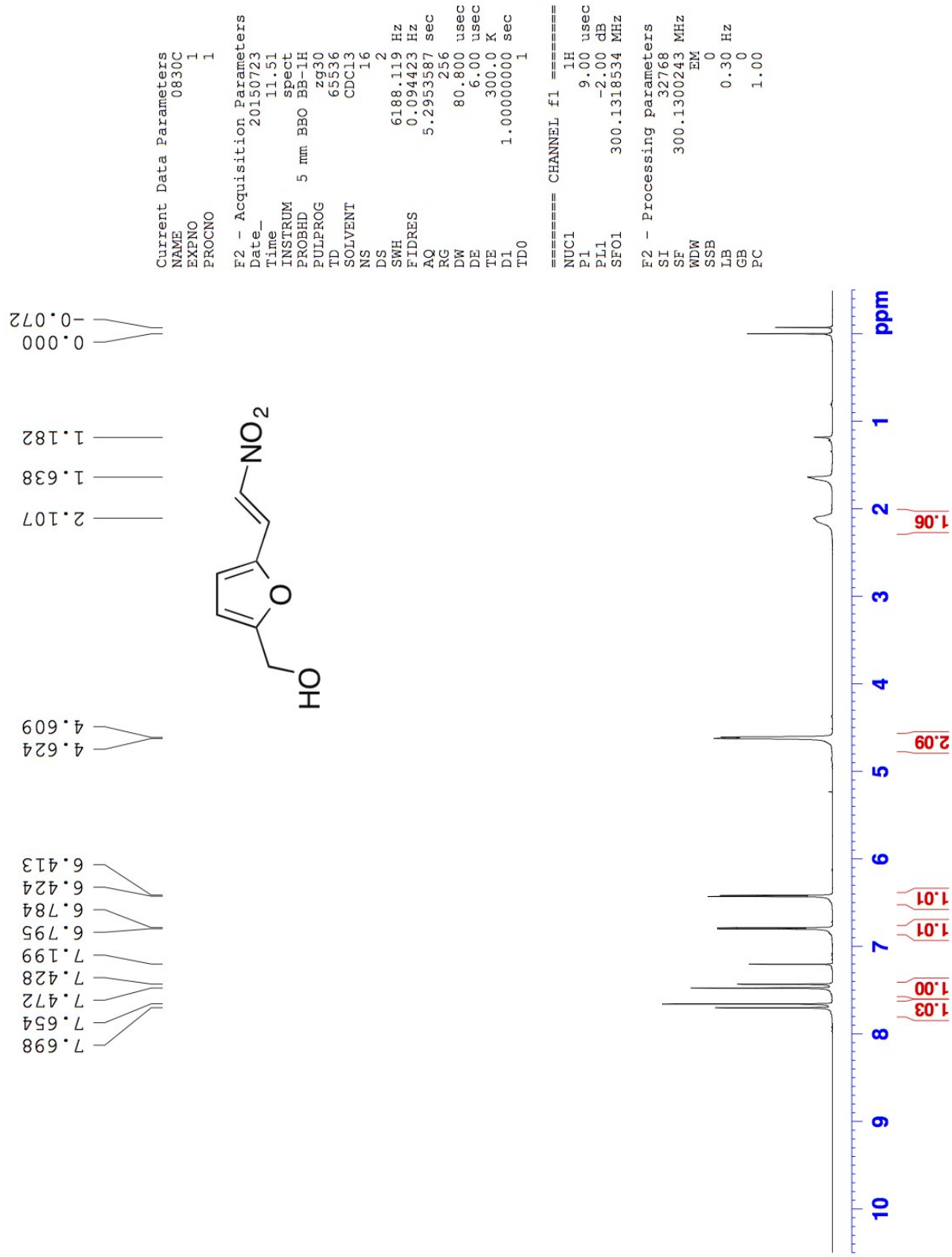
^{13}C NMR spectrum of compound 1



^{1}H NMR spectrum of compound 2



^{13}C NMR spectrum of compound 2



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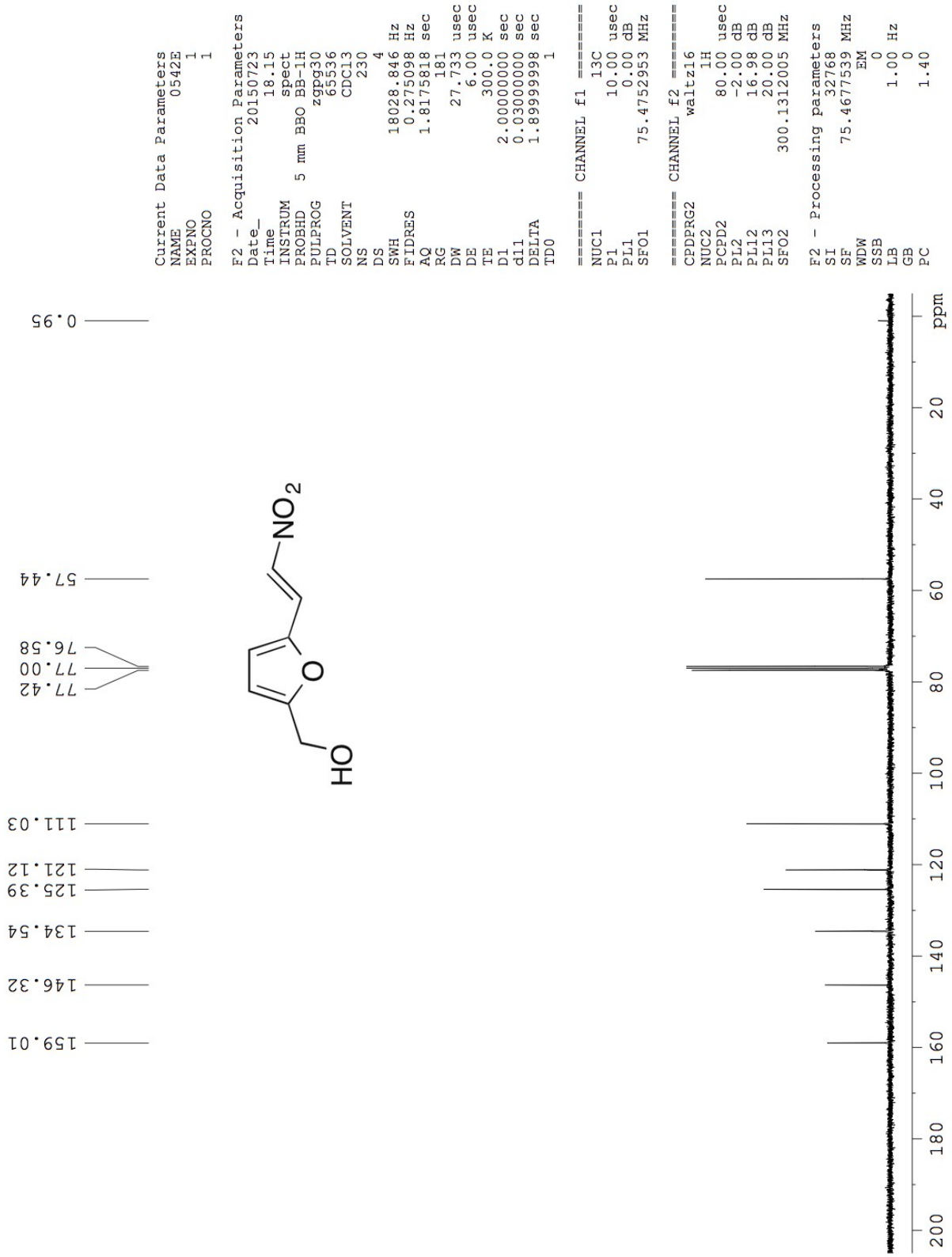
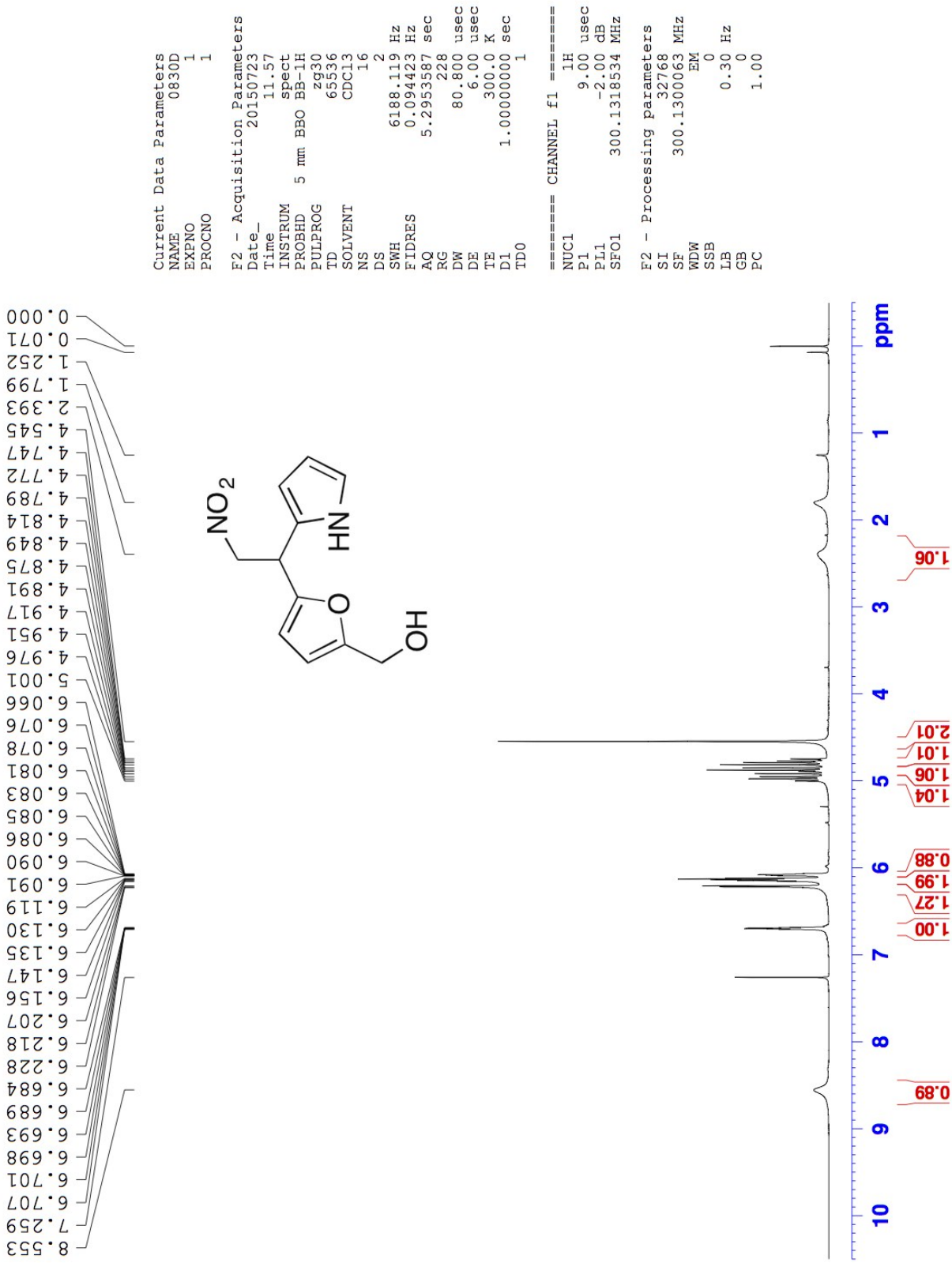
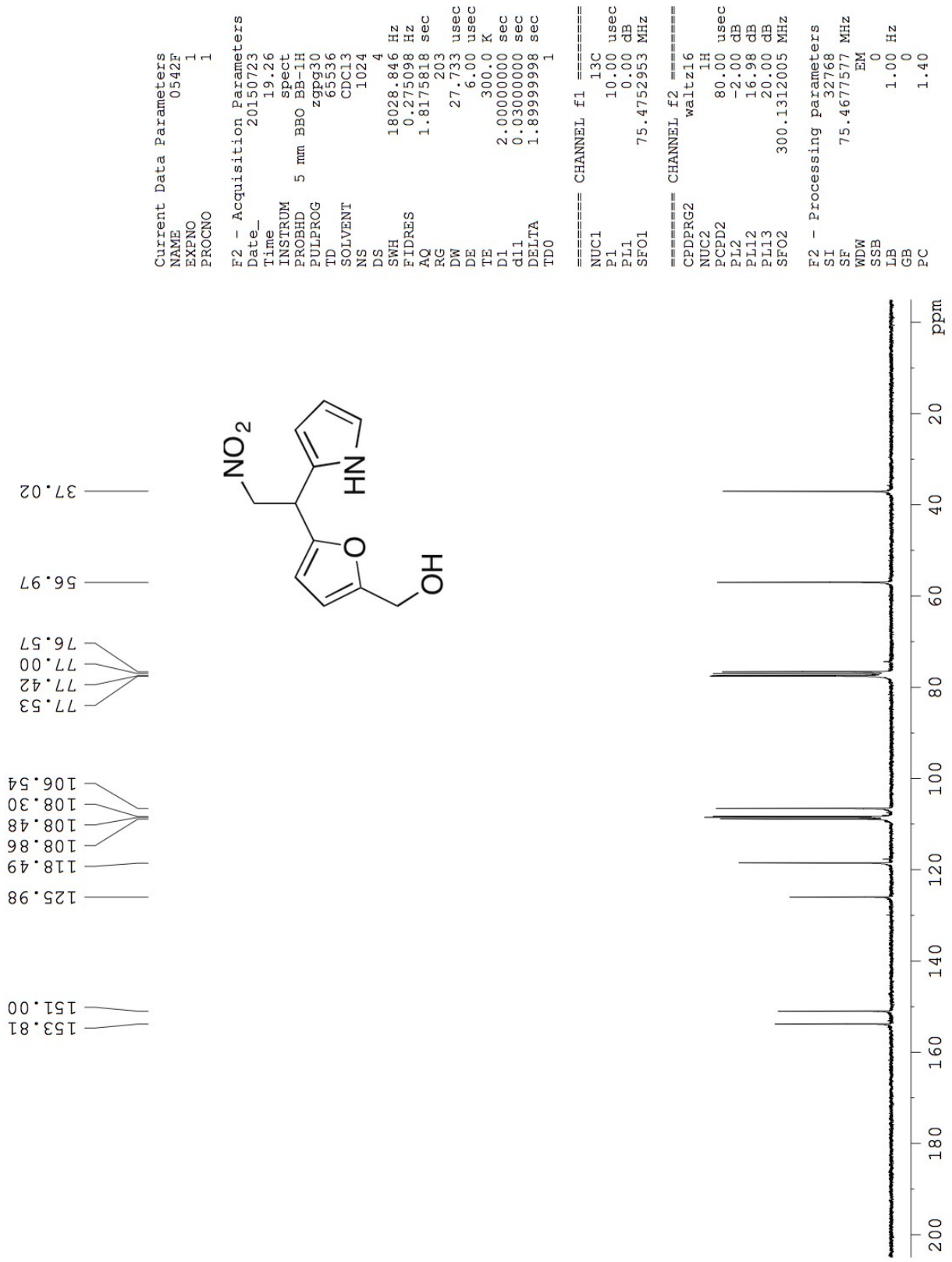


^{13}C NMR spectrum of compound 3



^{1}H NMR spectrum of compound 4



^{13}C NMR spectrum of compound 4