Cytotoxic C_{47}-Polyacetylene Carboxylic Acids from a Marine Sponge *Petrosia* sp.

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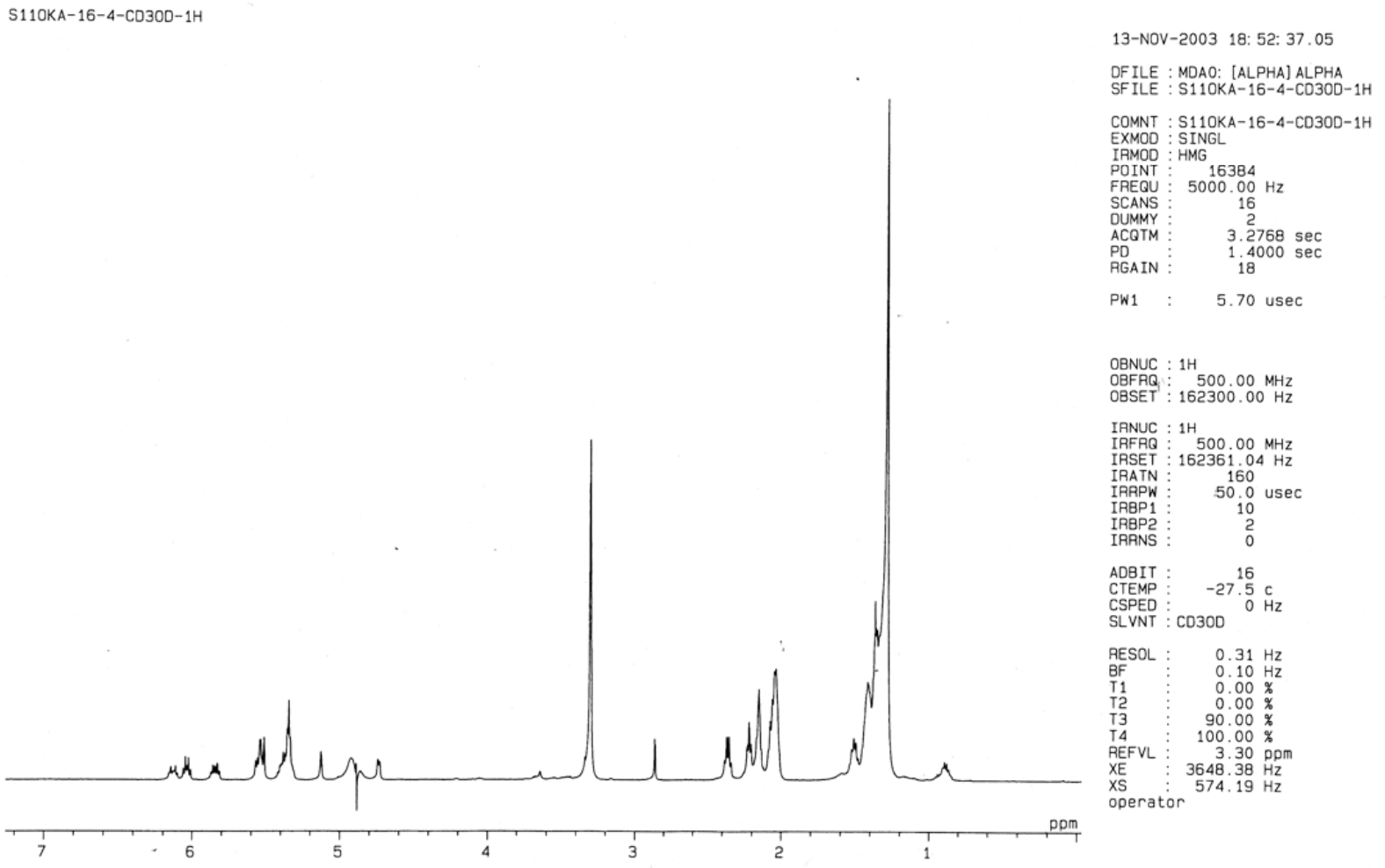


. ***Figure S1.*** ^{1}H NMR spectrum of petroformynic acid B (**3**) in CD_3OD

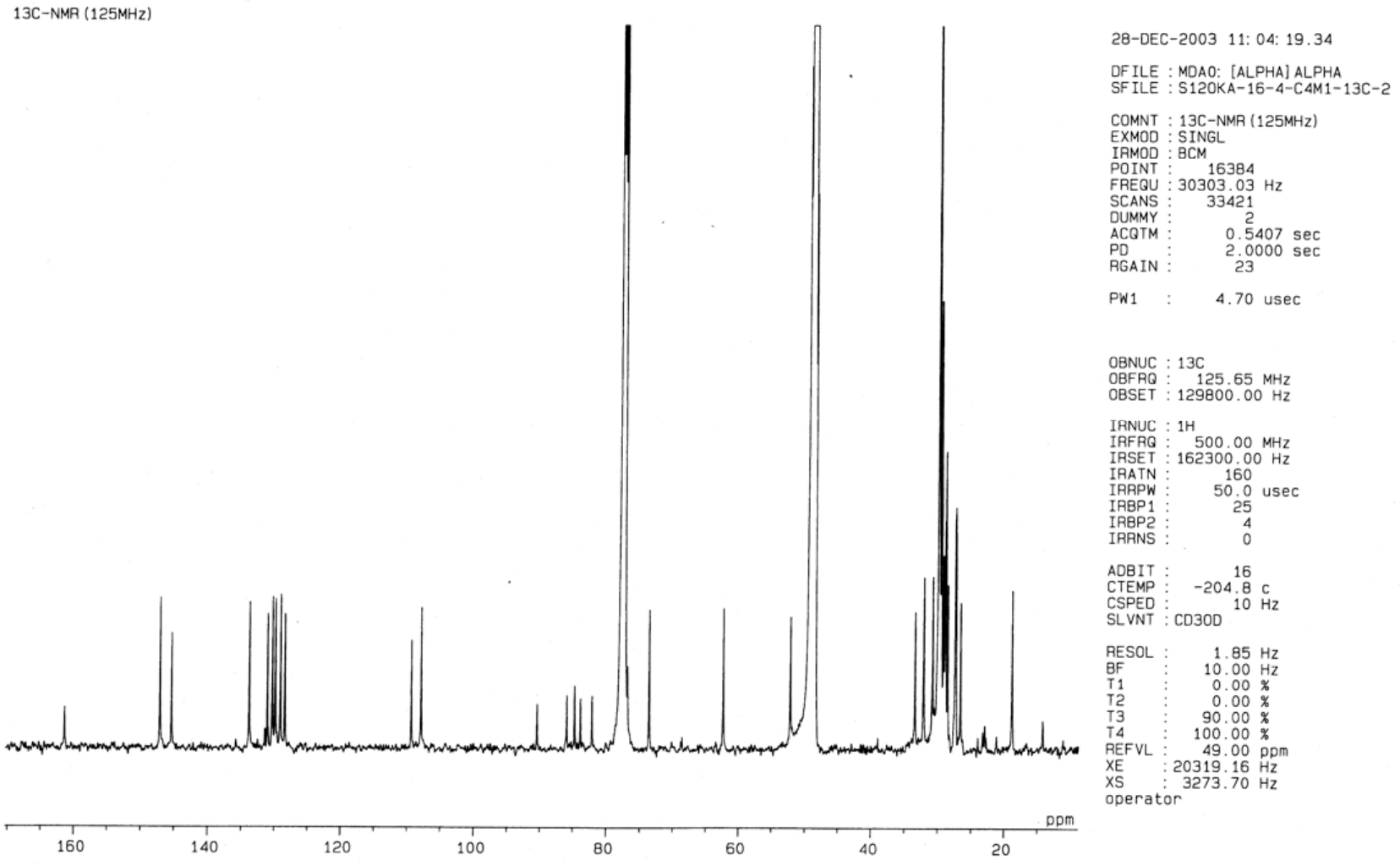
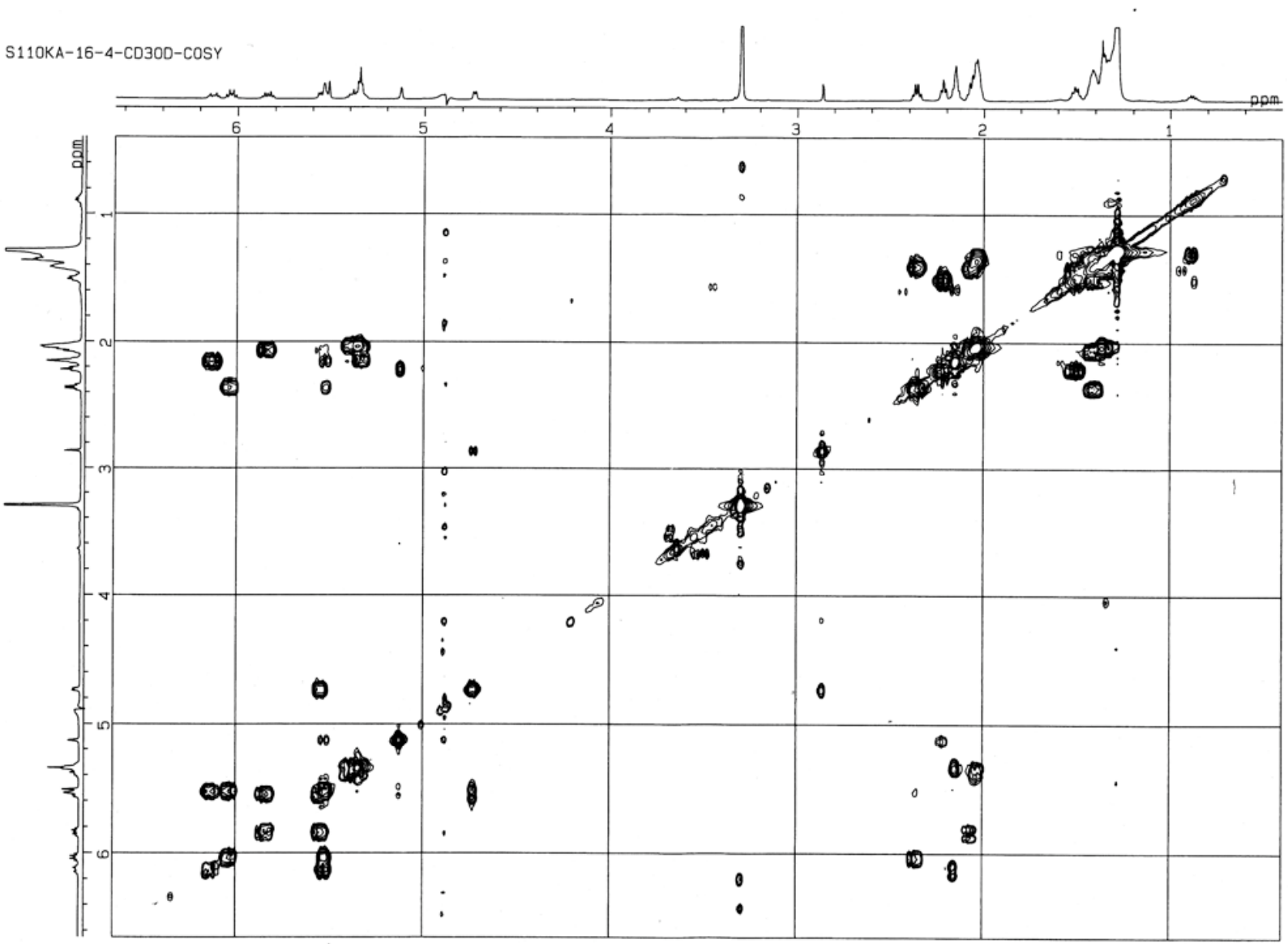
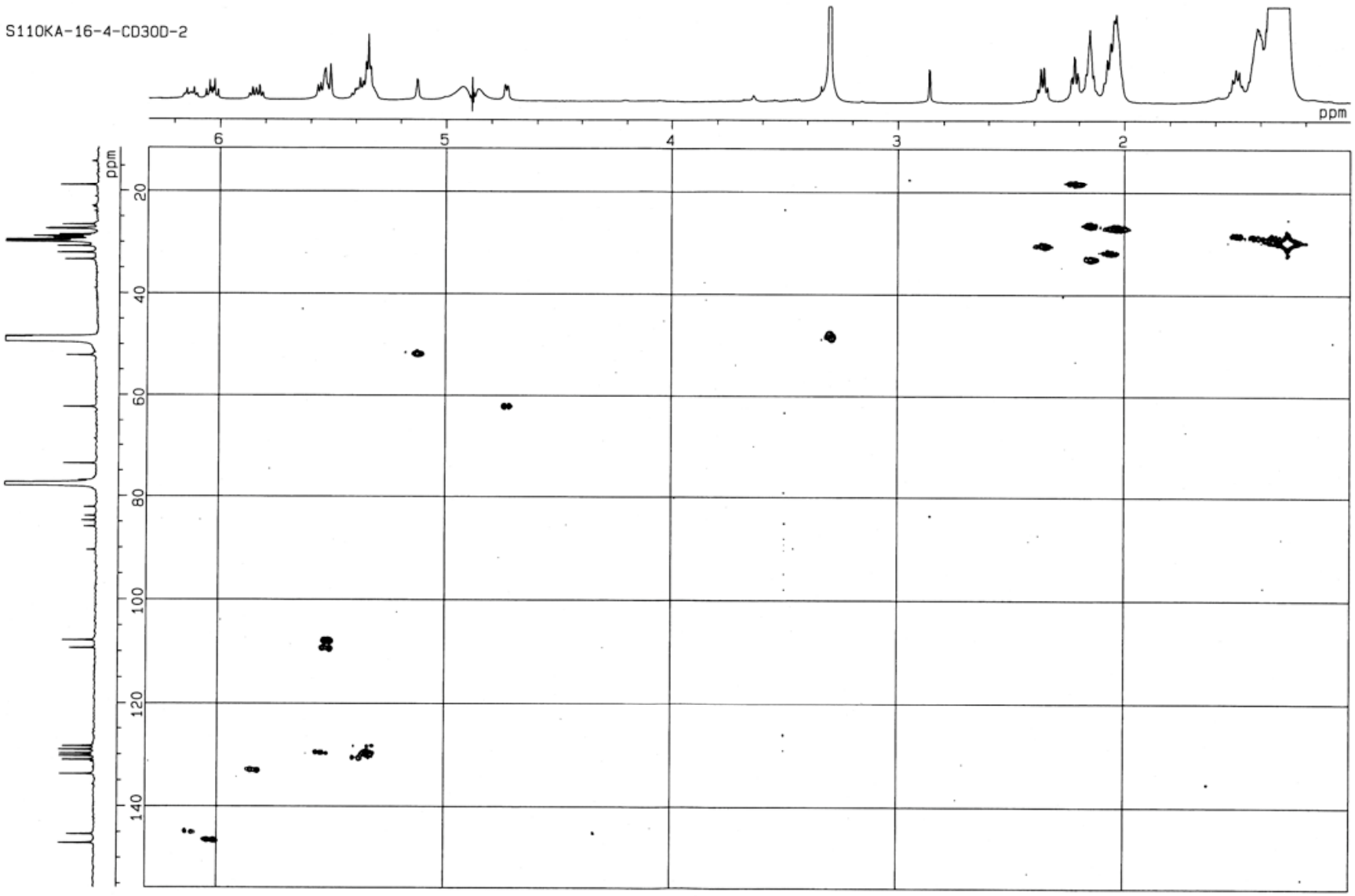


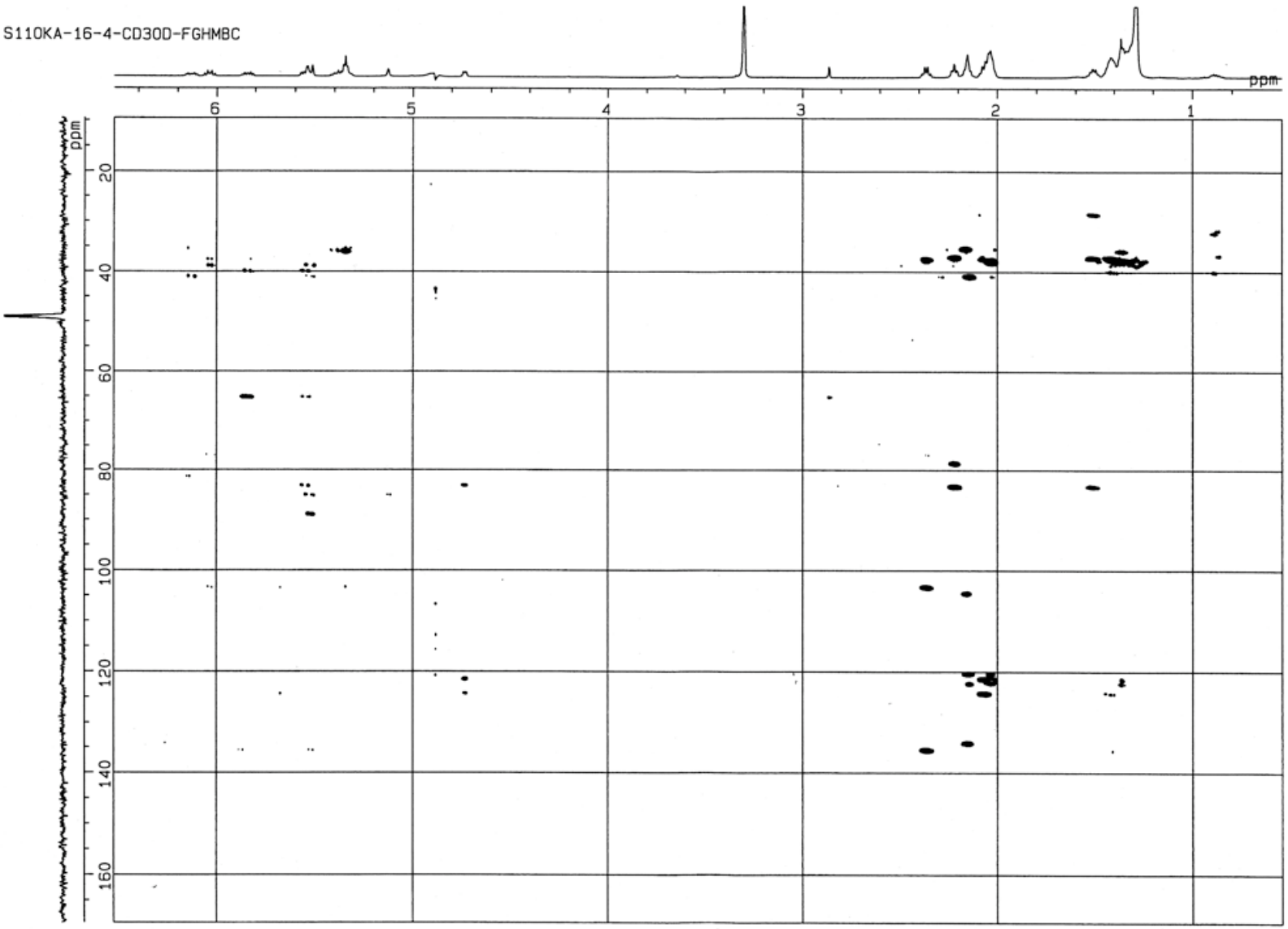
Figure S2. ^{13}C NMR spectrum of petroformynic acid B (**3**) in CD_3OD



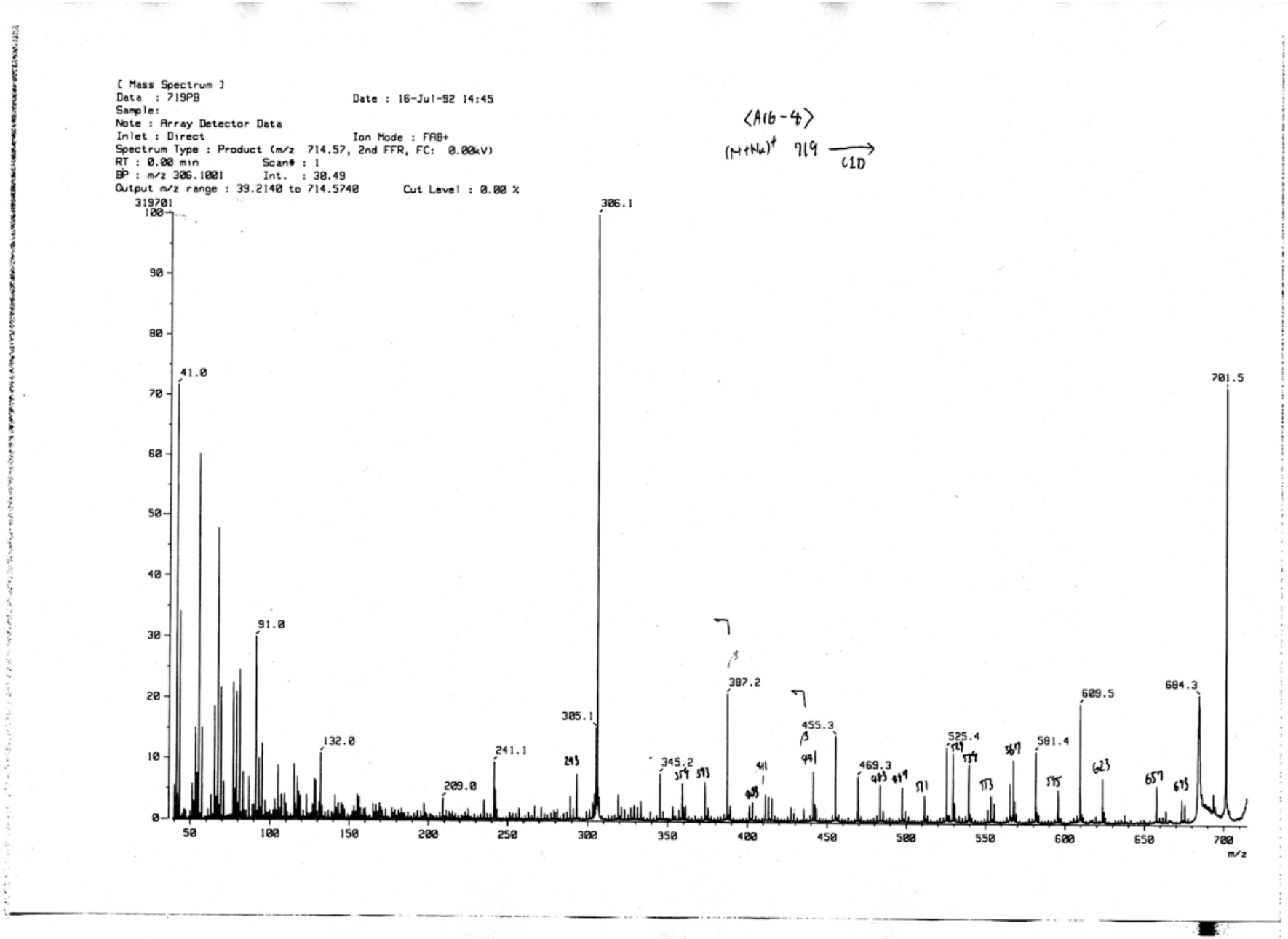
. ***Figure S3.*** COSY spectrum of petrof ormynic acid B (**3**) in CD_3OD



. ***Figure S4.*** HSQC spectrum of petroformynic acid B (**3**) in CD_3OD



. ***Figure S5.*** HMBC spectrum of petroformynic acid B (**3**) in CD_3OD



. ***Figure S6.*** Tandem FAB mass spectrum of petroformynic acid B (**3**) [Precursor, $(M+Na)^+$].

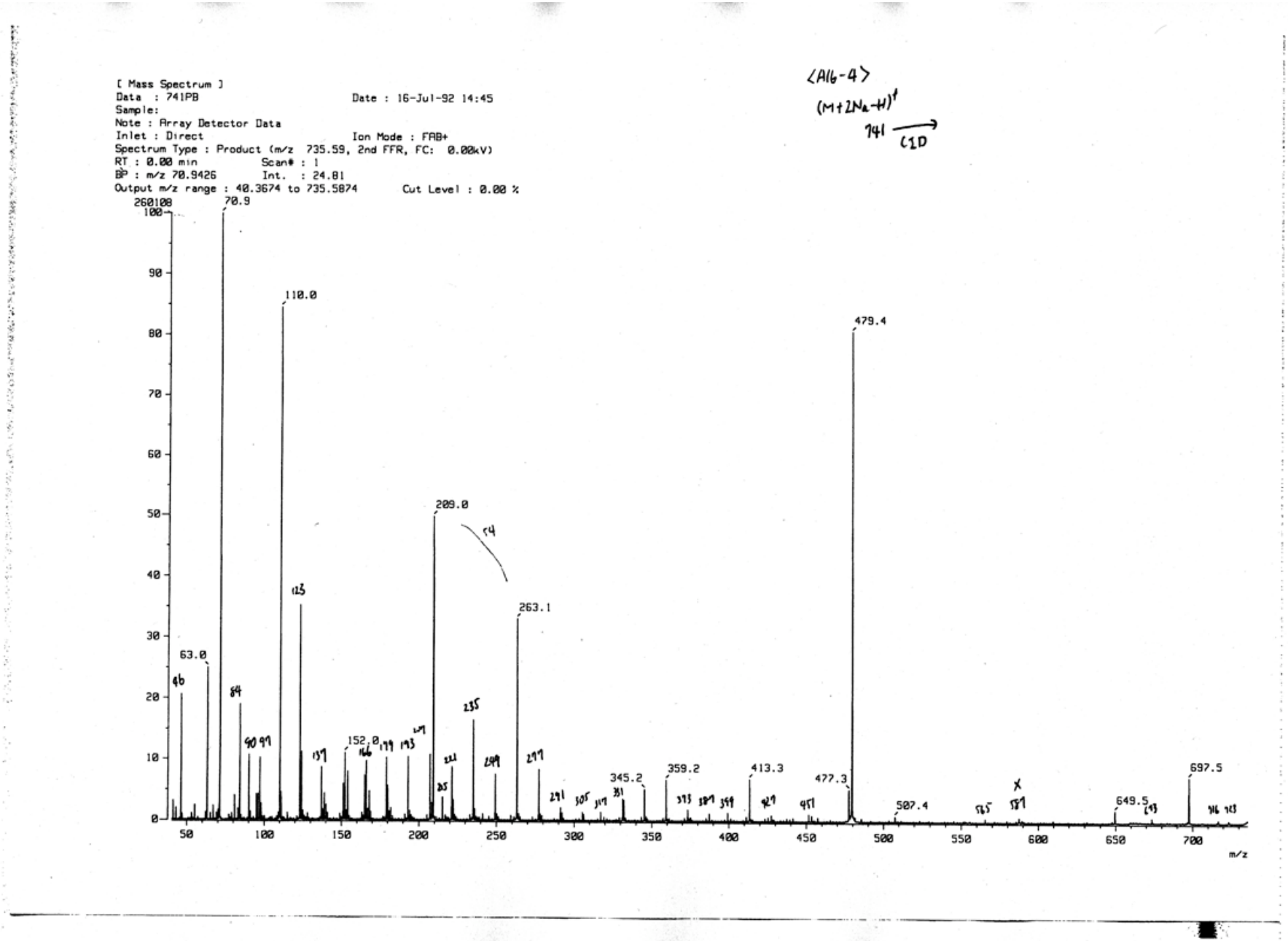


Figure S7. Tandem FAB mass spectrum of petroformynic acid B (**3**) [Precursor, $(M+2Na-H)^+$].

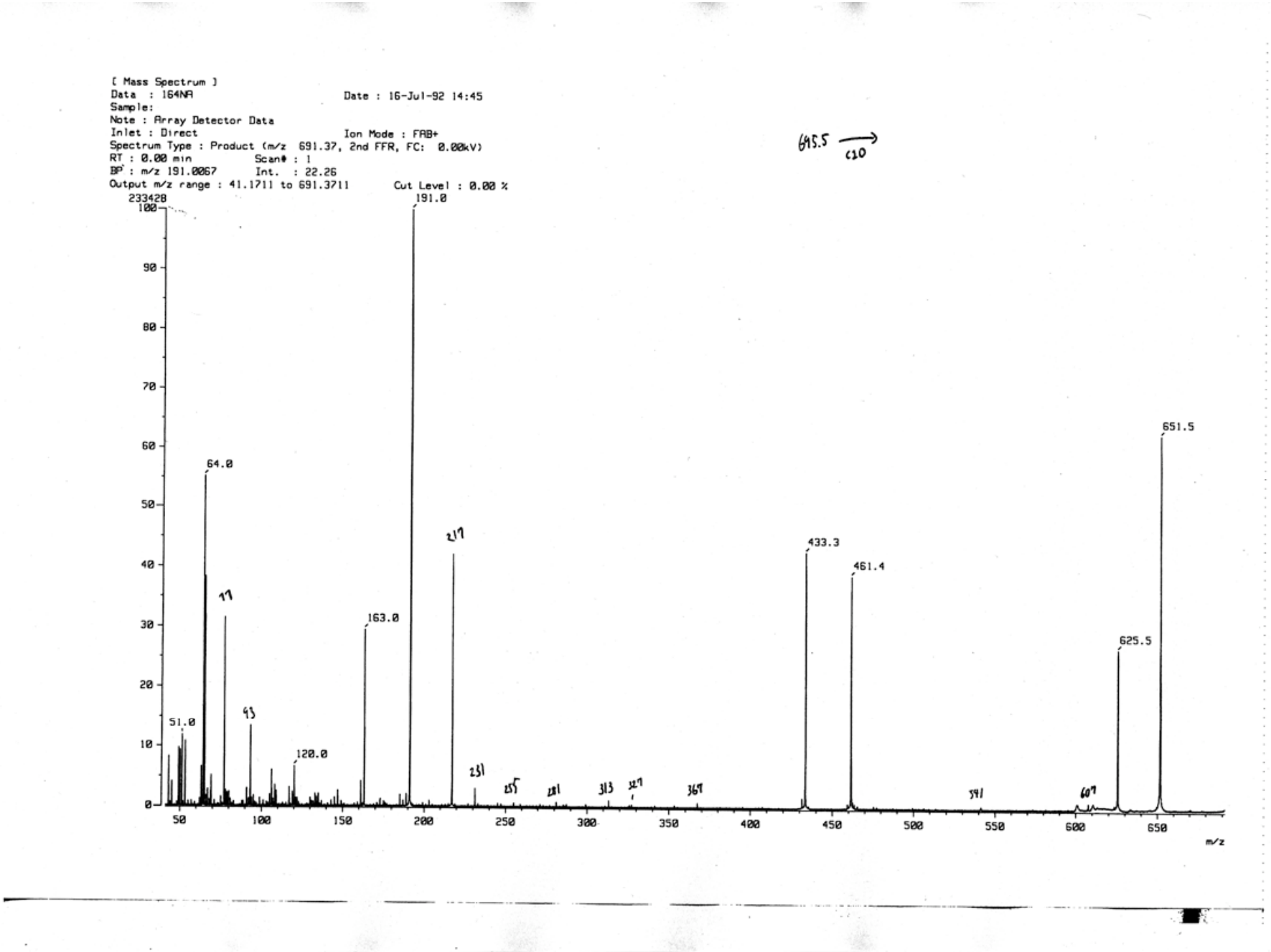


Figure S8. Tandem FAB mass spectrum of petroformynic acid B (**3**) [Precursor, $(M-H)^-$].

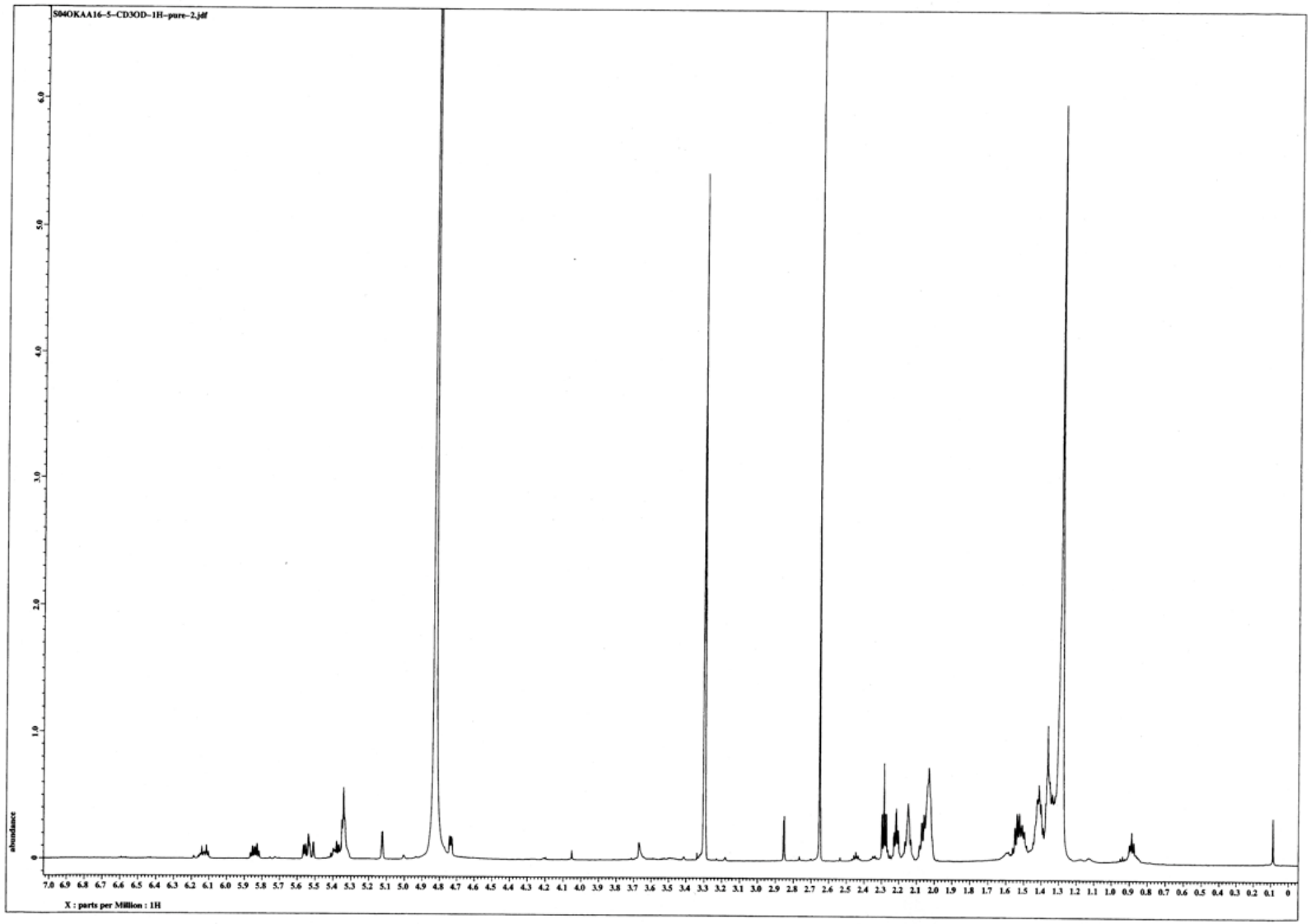


Figure S9. ^{1}H NMR spectrum of petroformynic acid C (**4**) in CD_3OD.

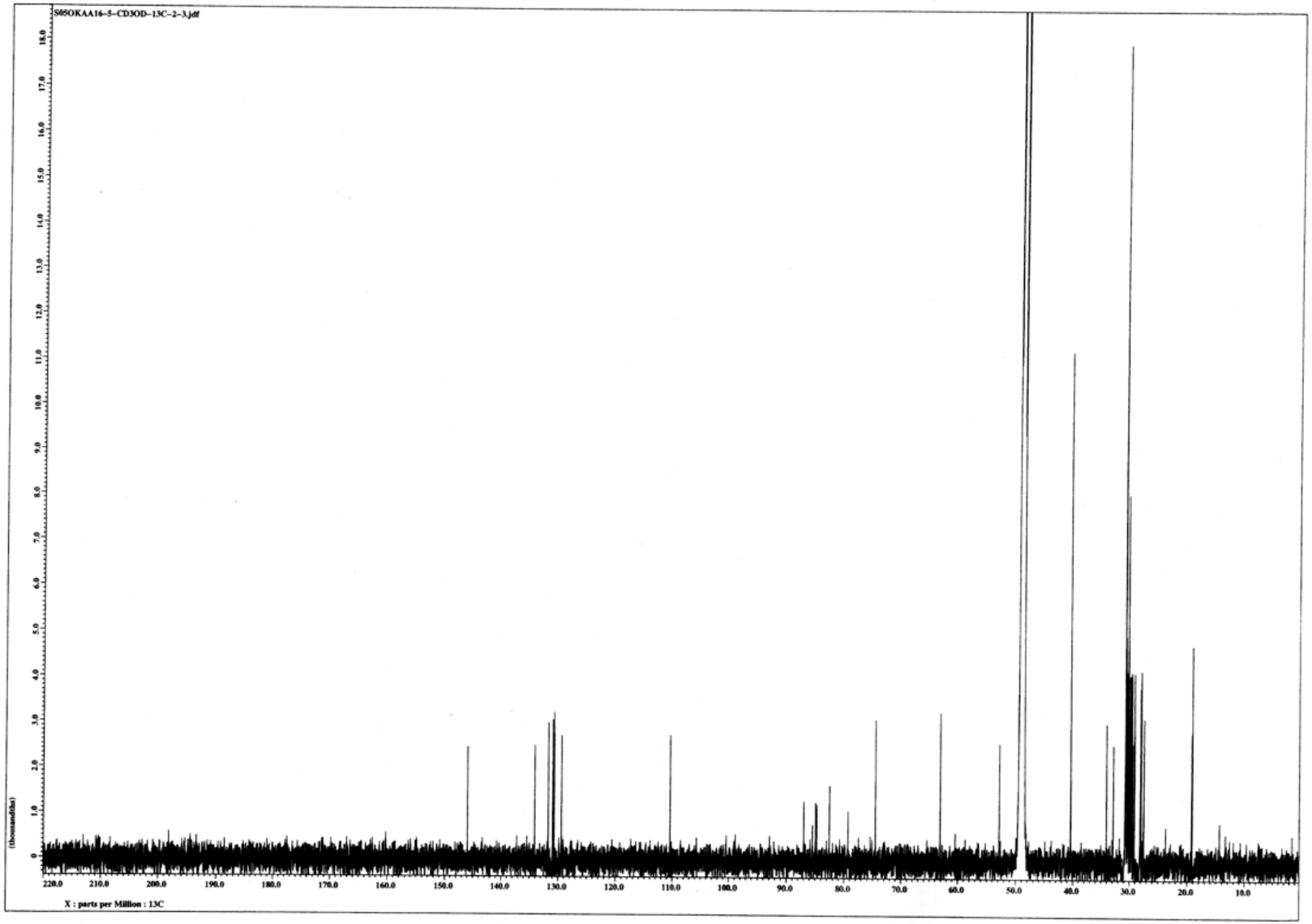
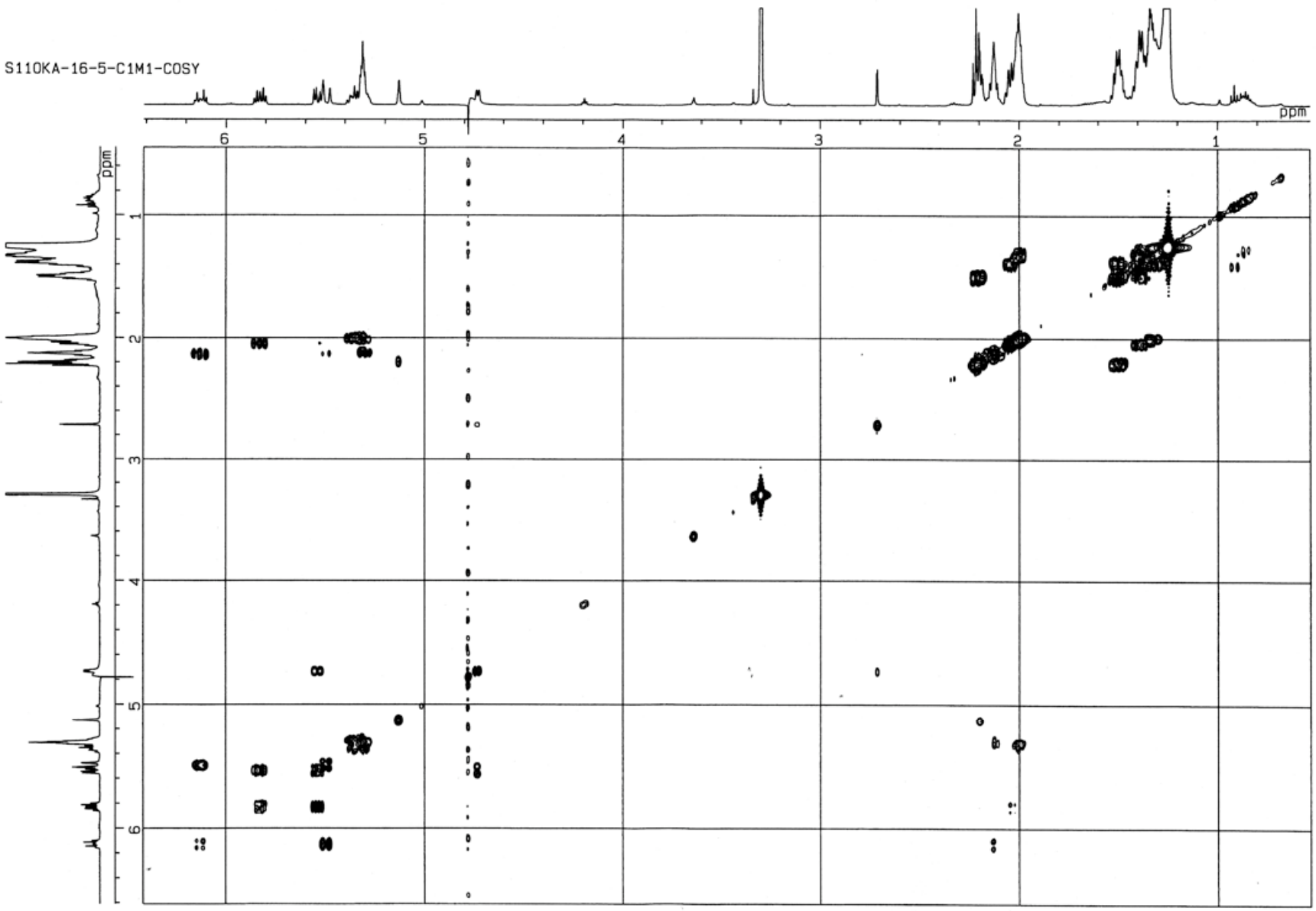


Figure S10. ^{13}C NMR spectrum of petroformynic acid C (**4**) in CD_3OD



. ***Figure S11.*** COSY spectrum of petroformynic acid C (**4**) in CD_3OD.

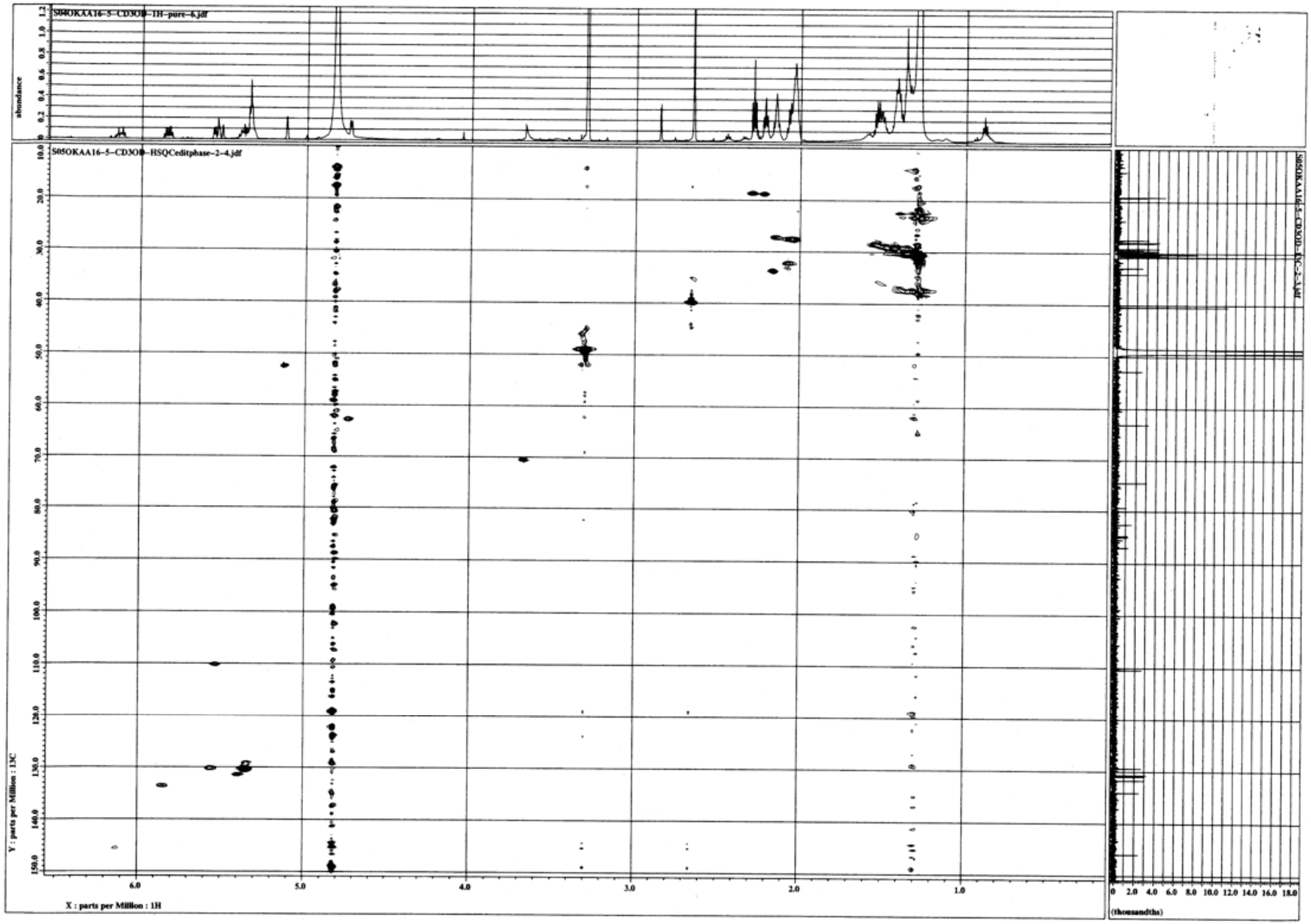


Figure S12. HSQC spectrum of petroformynic acid C (**4**) in CD_3OD.

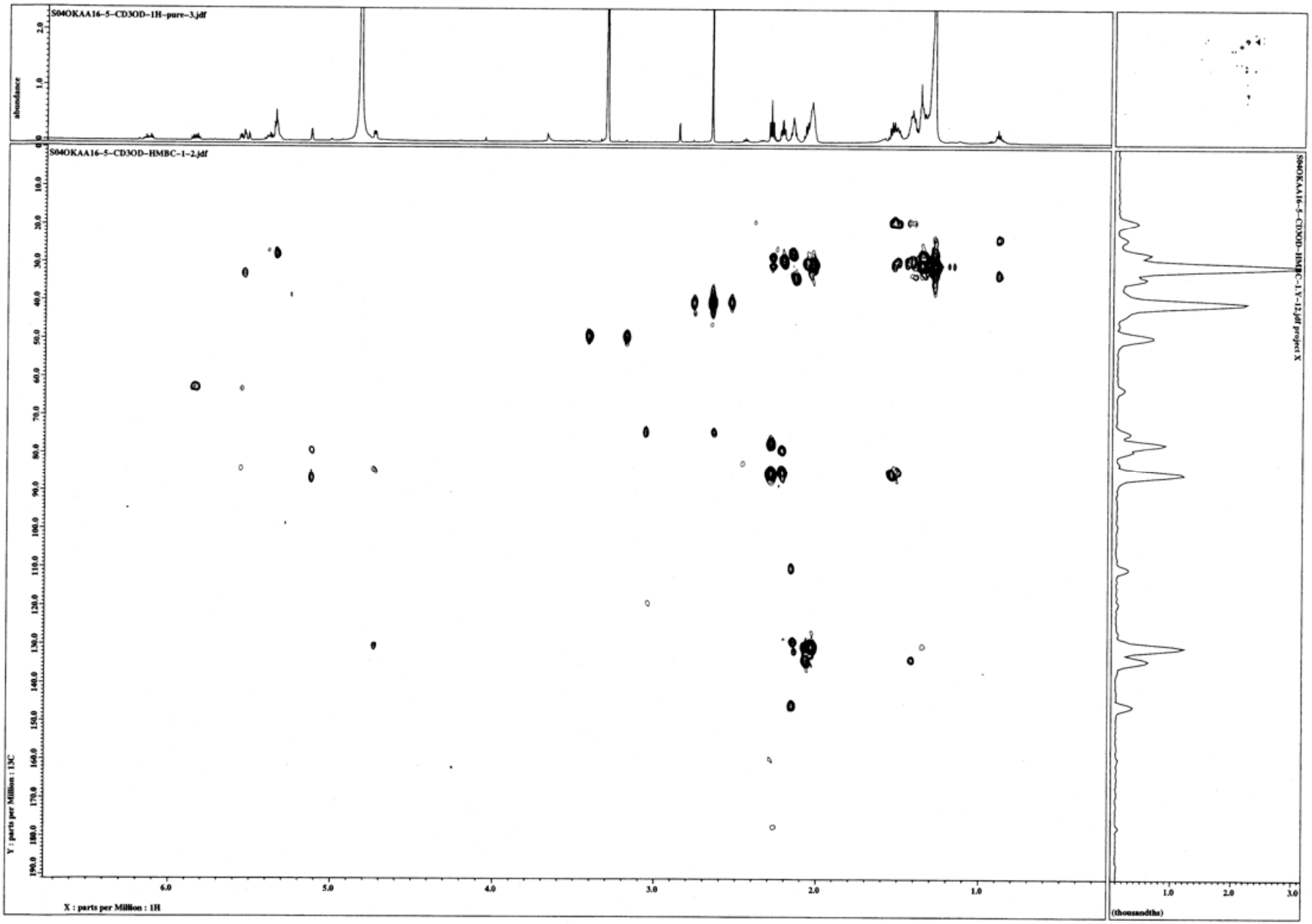


Figure S13. HMBC spectrum of petroformynic acid C (**4**) in CD_3OD.

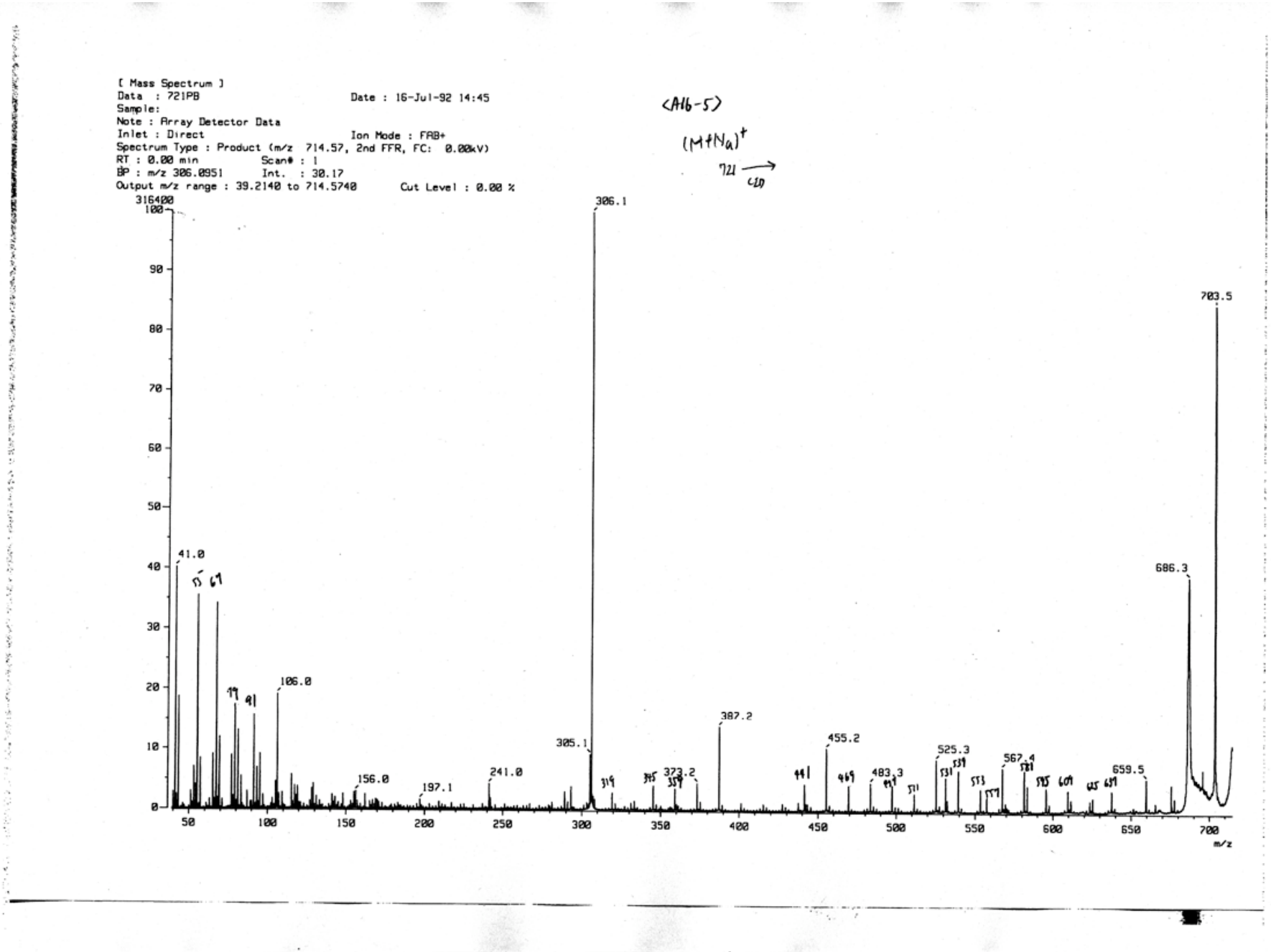


Figure S14. Tandem FAB mass spectrum of petroformynic acid C (**4**) [Precursor, $(M+Na)^+$].

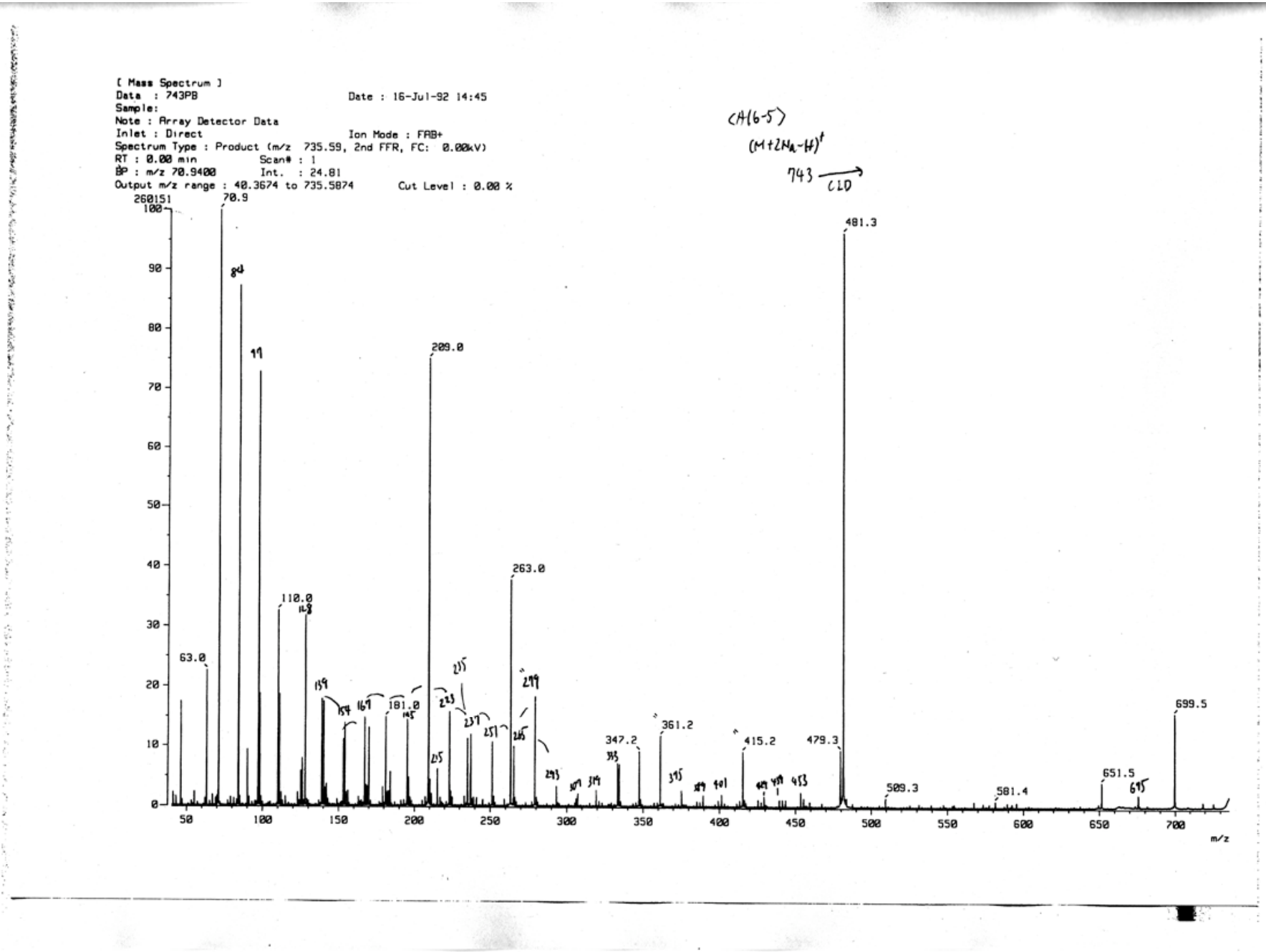


Figure S15. Tandem FAB mass spectrum of petroformynic acid C (**4**) [Precursor, $(M+2Na-H)^+$].

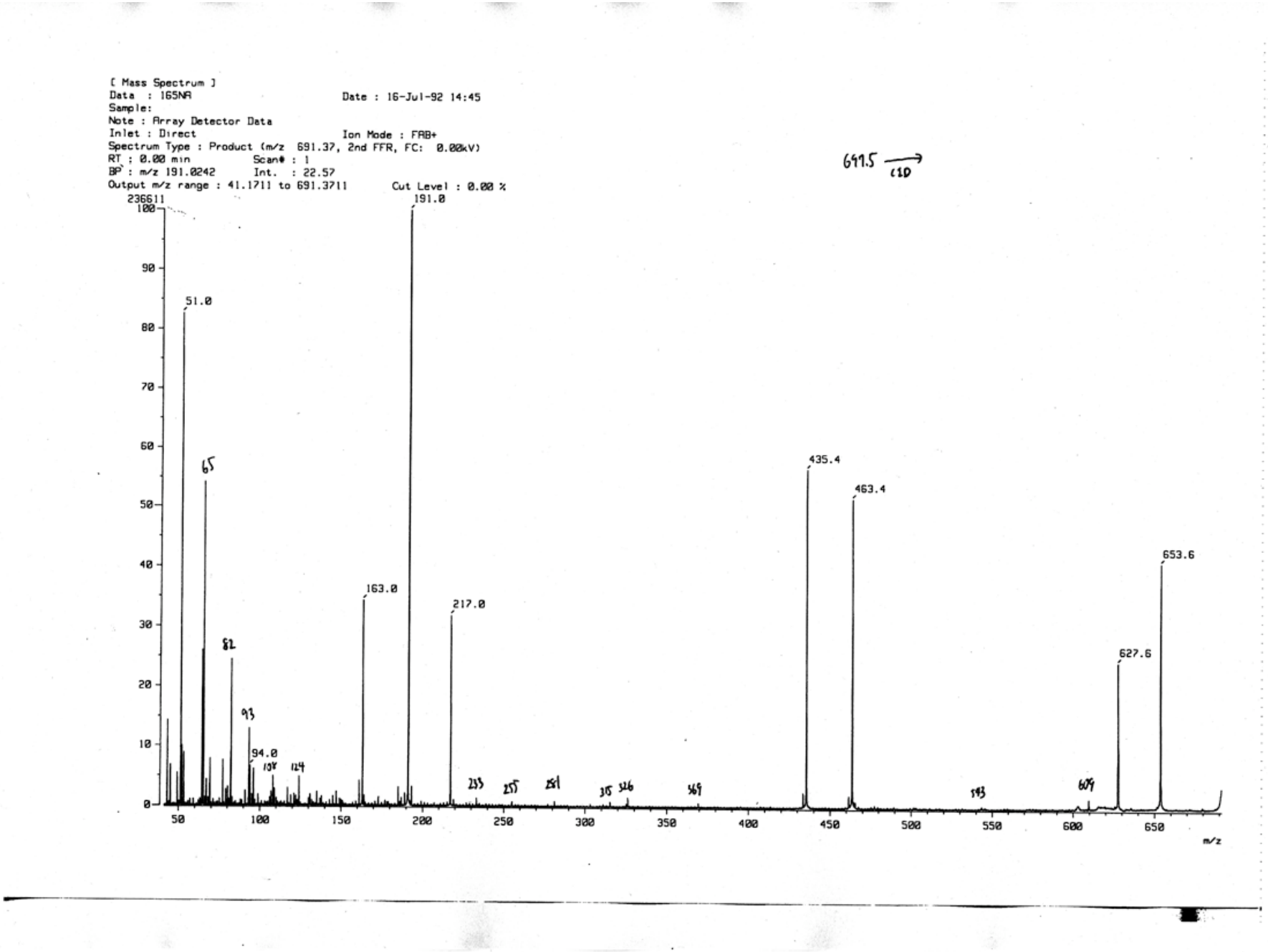


Figure S16. Tandem FAB mass spectrum of petroformynic acid C (**4**) [Precursor, $(M-H)^-$].