

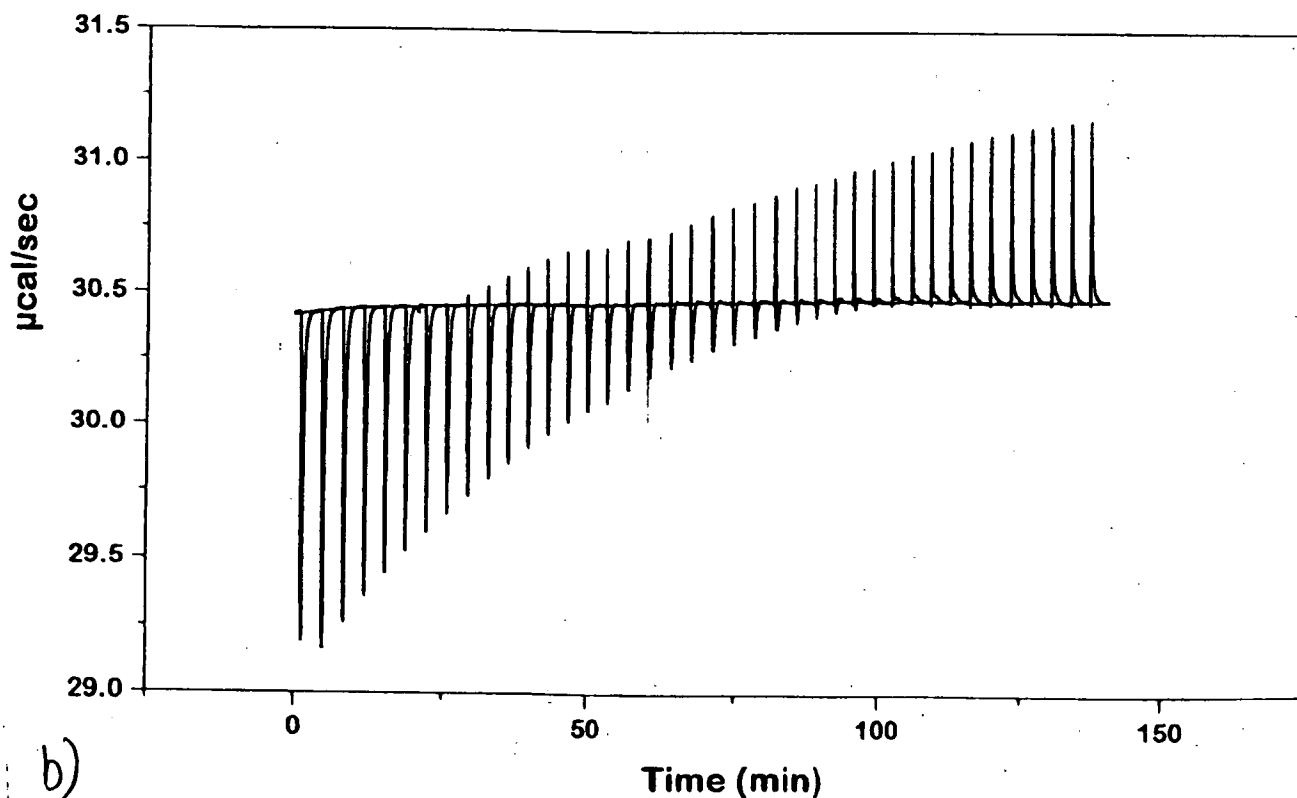
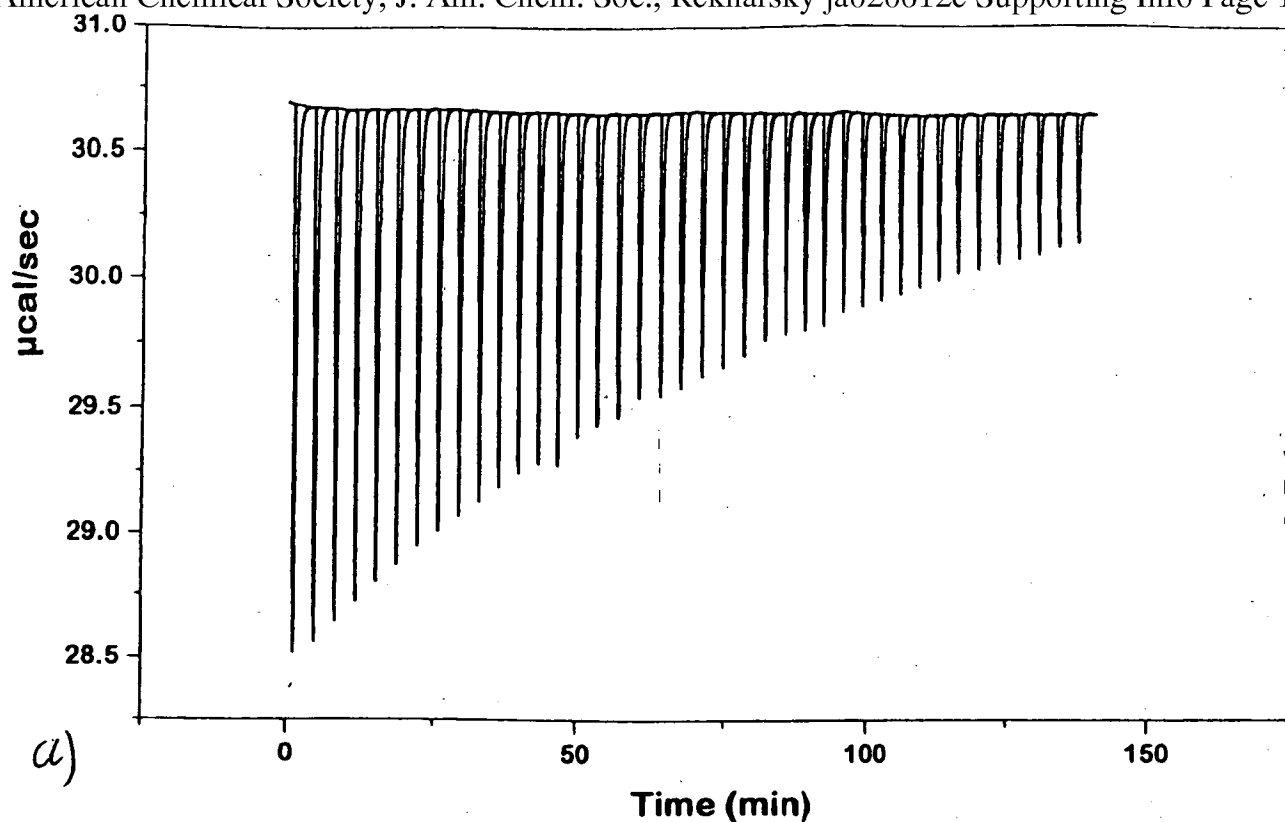


Figure 1. Heat effect upon titration of citrate solution: a) 100.3mM (0.005M phosphate buffer pH 7.4 M) and b) 99.5mM (0.005M phosphate buffer pH 7.4 M with addition of 10% methanol) into microcalorimetric cell charged with buffer solution: a) 0.005M phosphate buffer pH 7.4 M and b) 0.005M phosphate buffer pH 7.4 M with addition of 10% methanol.

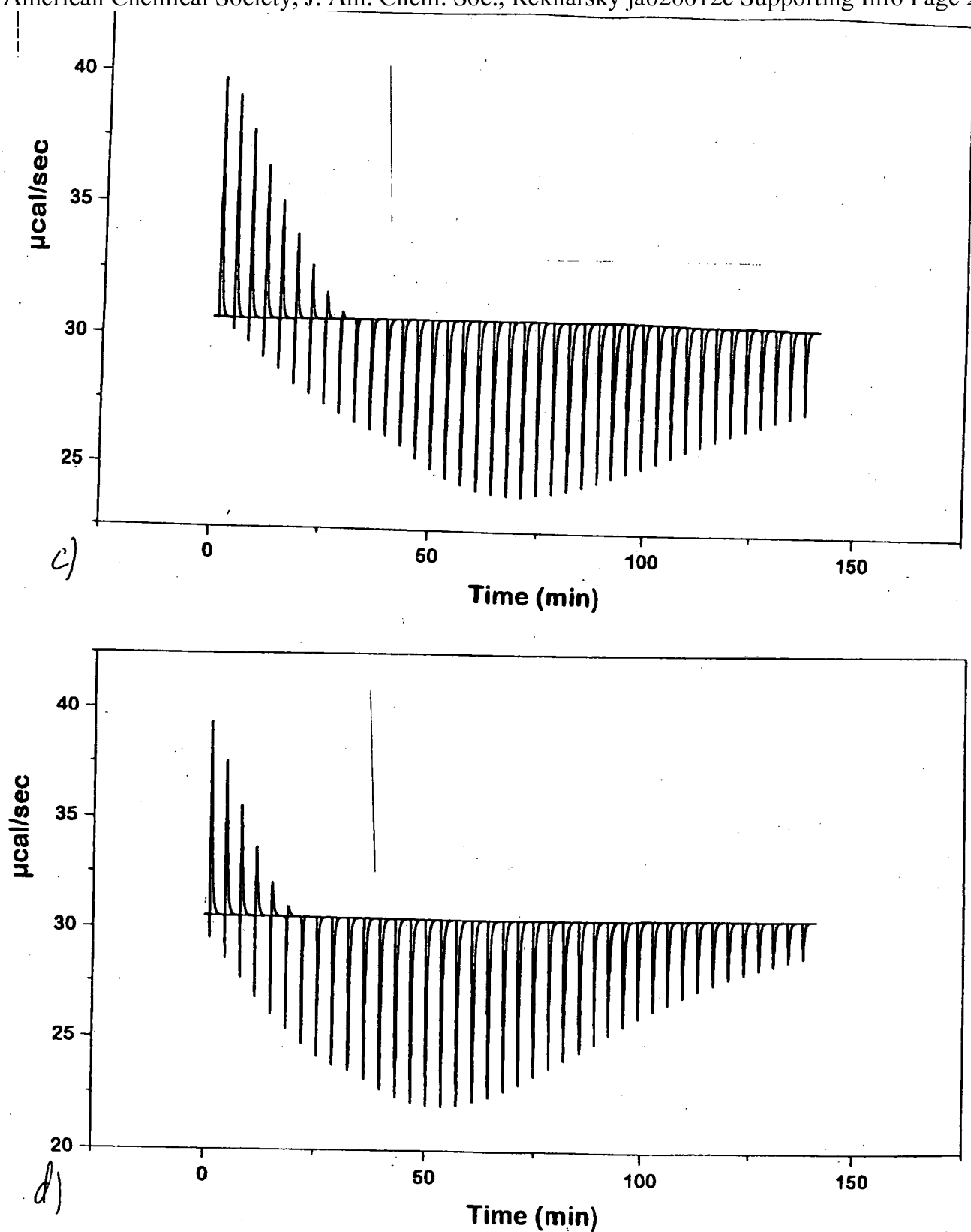


Figure . Heat effect upon titration of citrate solution: c) 100.3mM (0.005M phosphate buffer pH 7.4 M) and d) 99.5mM (0.005M phosphate buffer pH 7.4 M with addition of 10% methanol) into microcalorimetric cell charged with: c) 6.26mM macrocycle solution (0.005M phosphate buffer pH 7.4 M) and d) 5.37mM macrocycle solution (0.005M phosphate buffer pH 7.4 M with addition of 10% methanol).

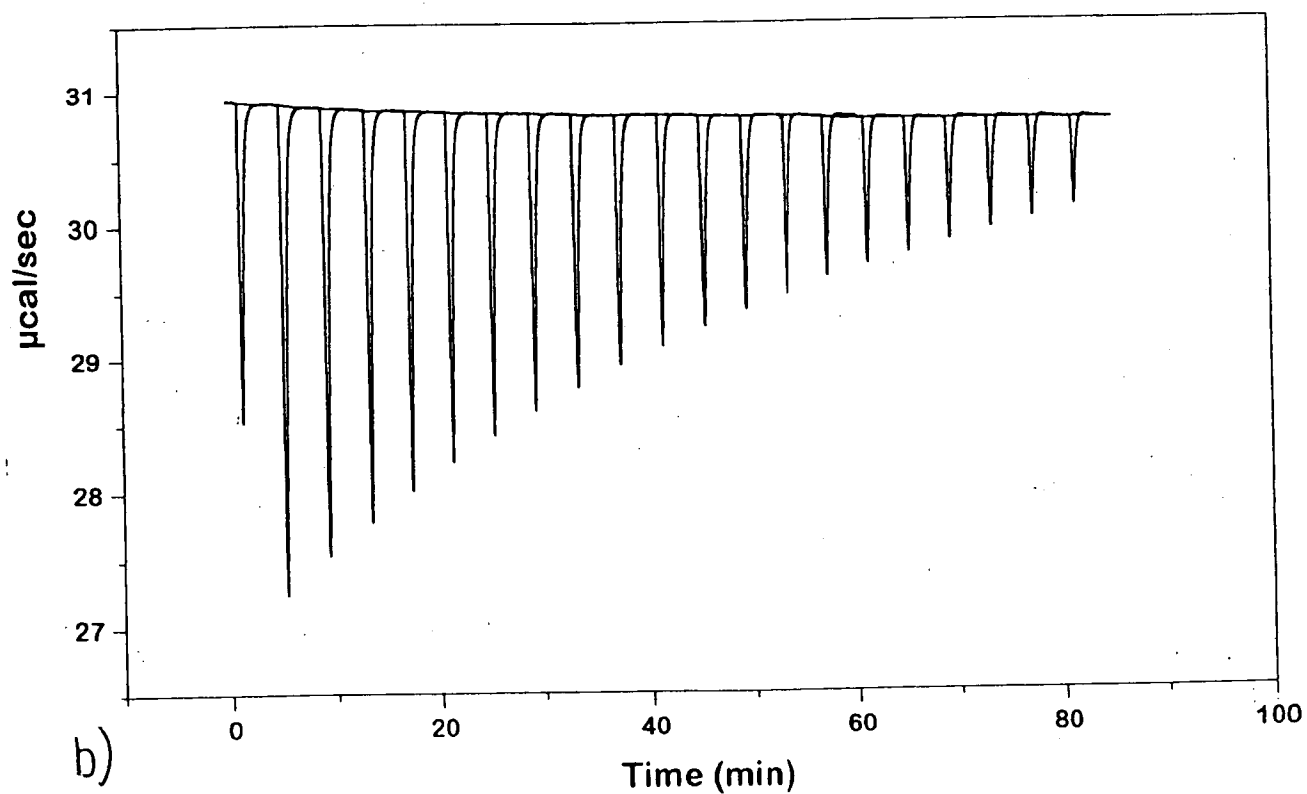
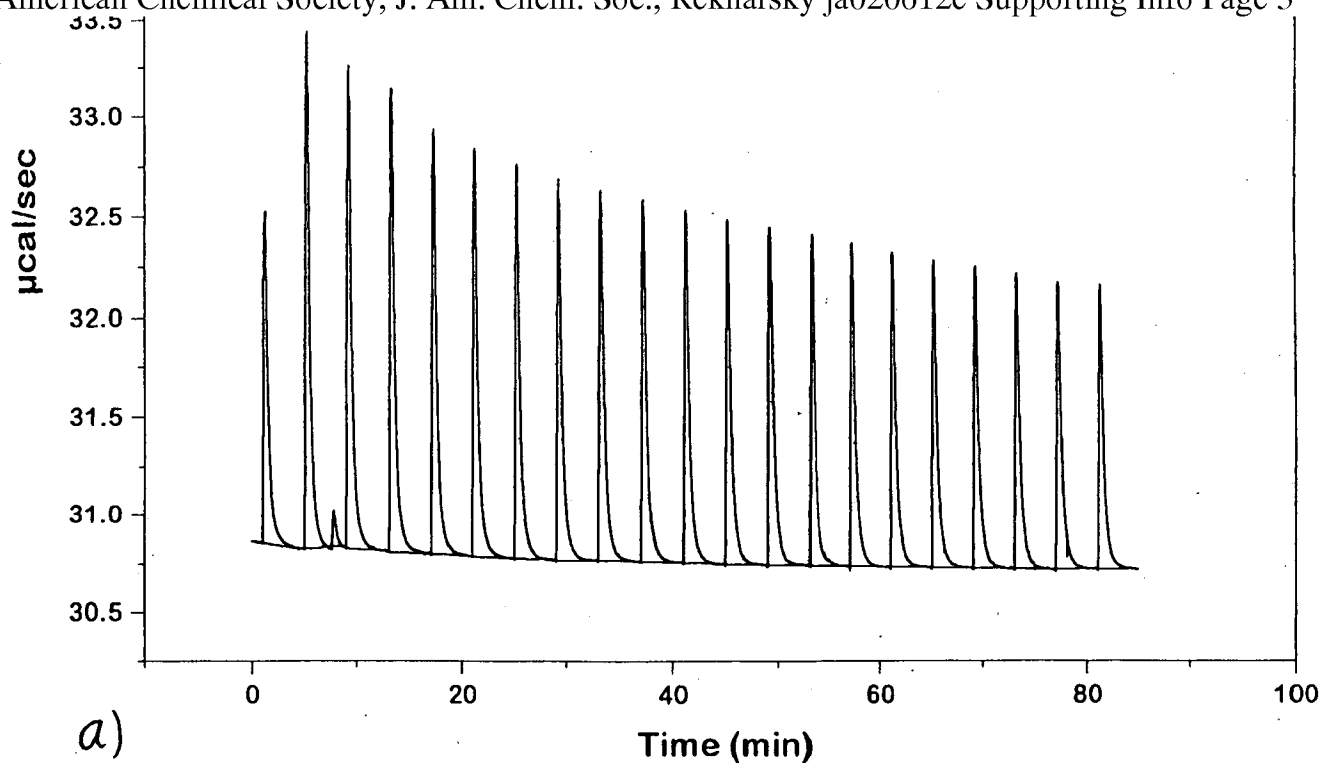


Figure a) Dilution of macrocycle solution (5μl injection of 77.3 mM macrocycle solution in 0.005M phosphate buffer pH 7.4) into 0.005M phosphate buffer pH 7.4; b) Dilution of sodium citrate solution (5μl injection of 99.9mM sodium citrate solution in 0.005M phosphate buffer pH 7.4) into 0.005M phosphate buffer pH 7.4.

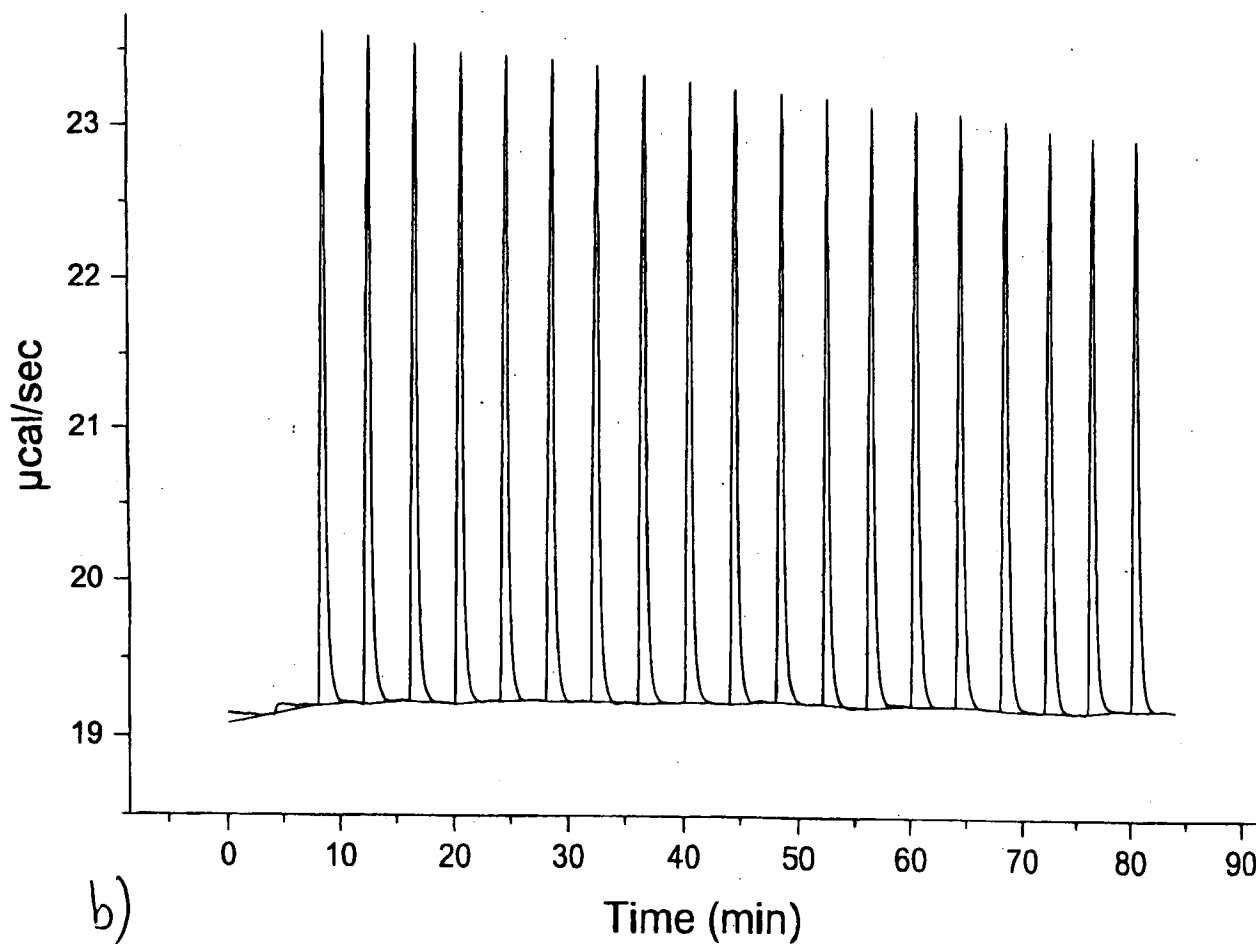
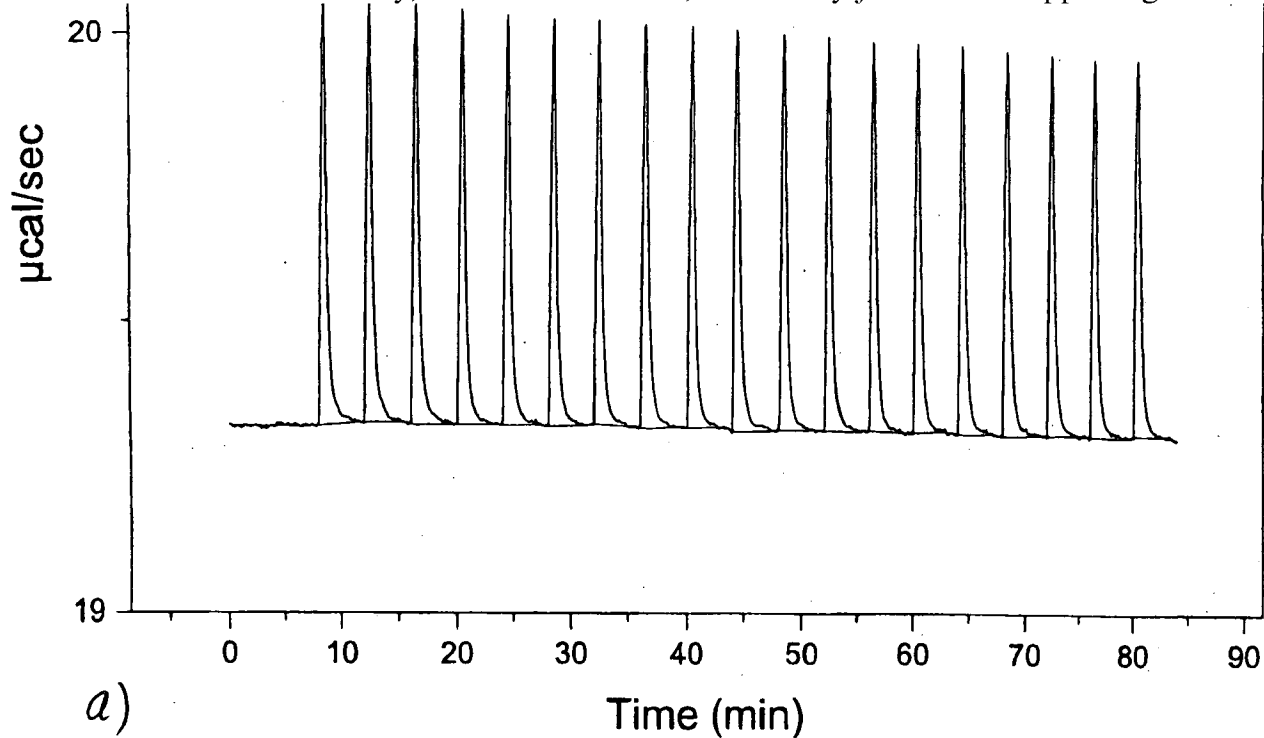
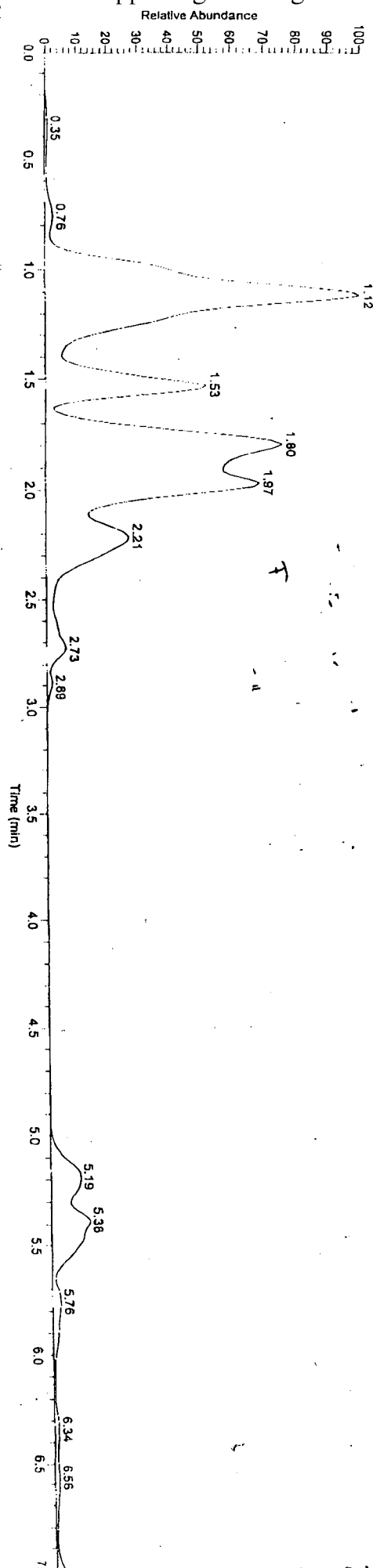
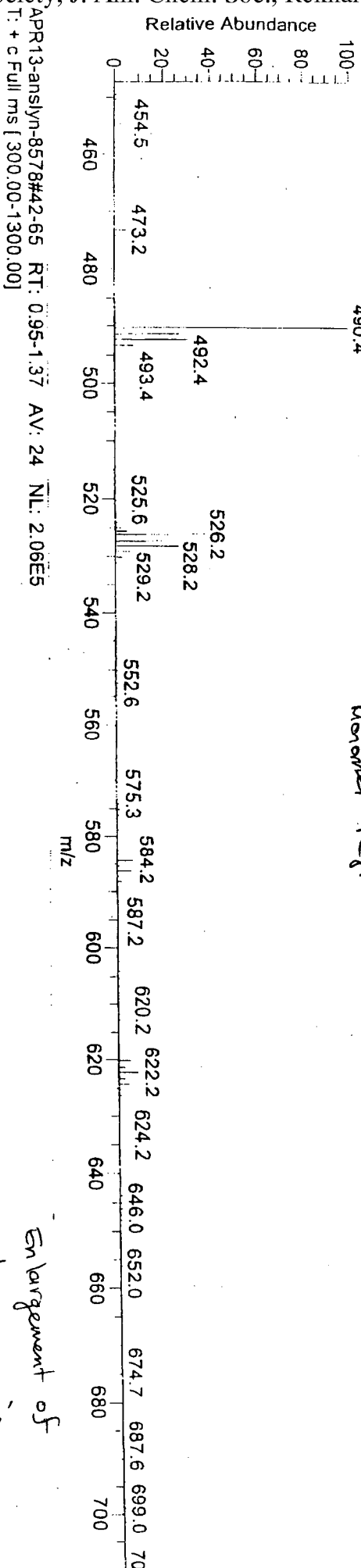


Figure a) Dilution of macrocycle solution (5μl injection of 73.5 mM macrocycle solution in 0.103M phosphate buffer pH 7.4) into 0.103M phosphate buffer pH 7.4; b) Dilution of macrocycle solution (5μl injection of 105.1mM macrocycle solution in 0.103M

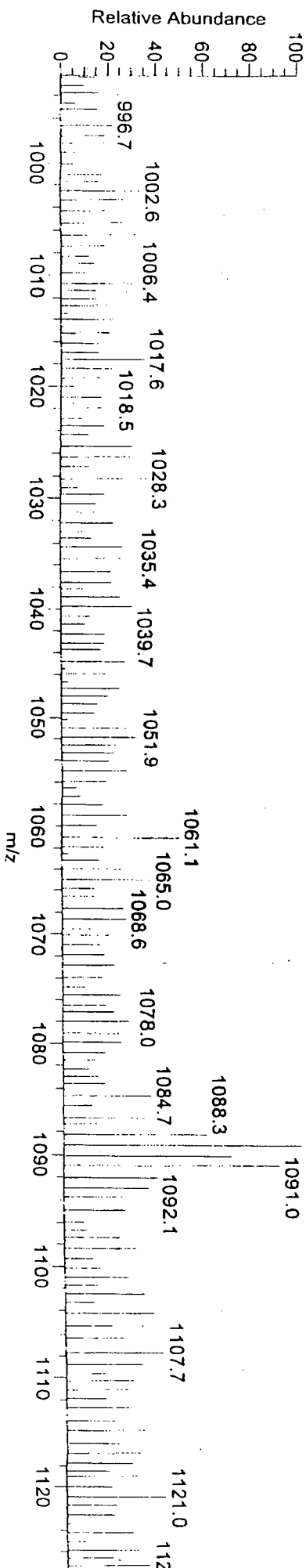
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ESI-MS
RT: 0.00-7.01 SM: 116



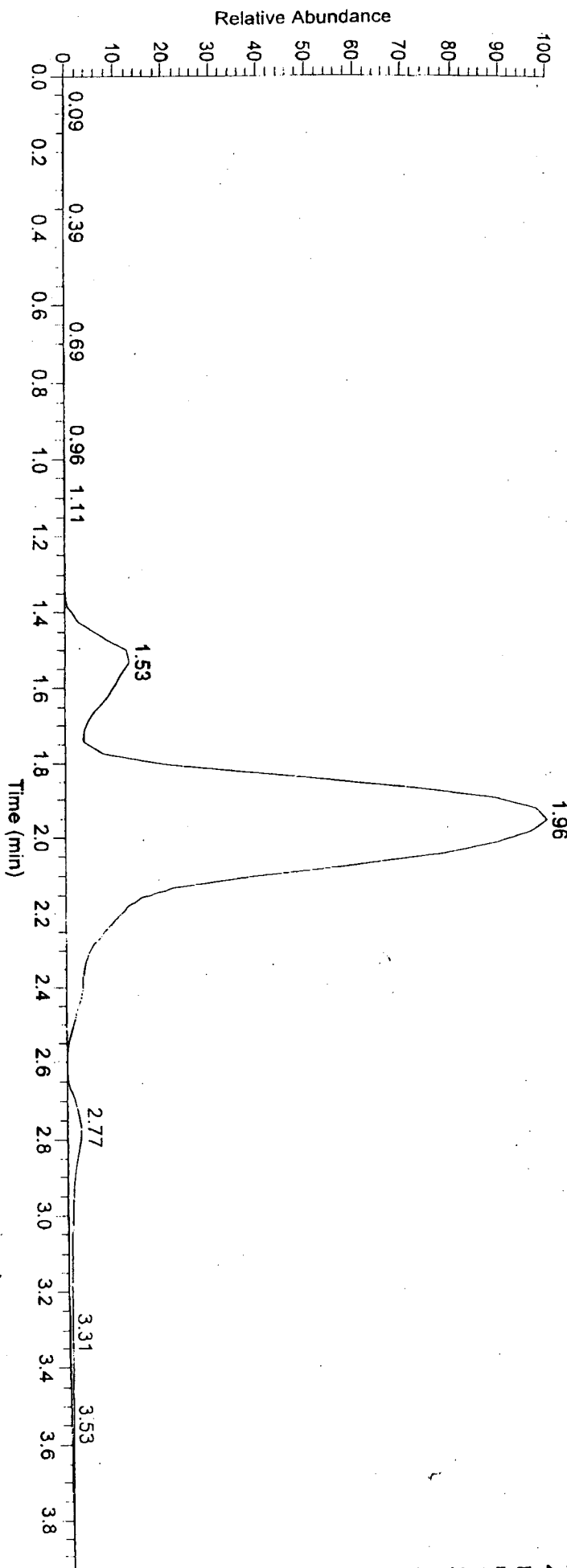
Enlargement of
monomer region



Enlargement of
dimer region

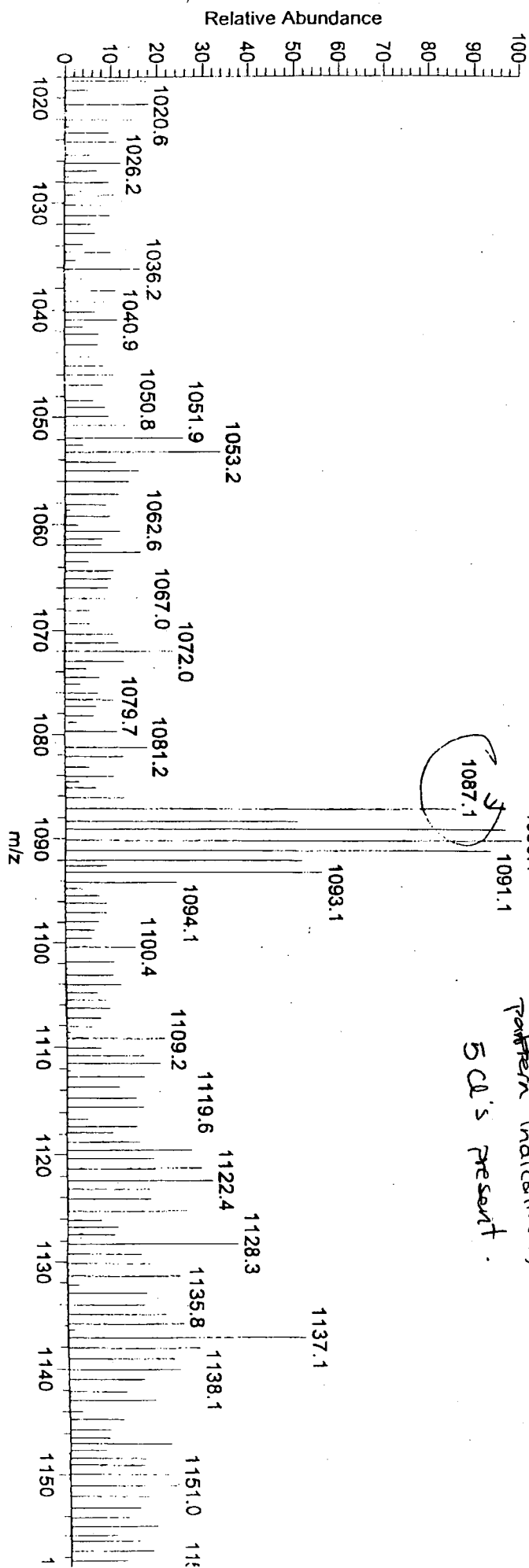


ESI-MS
RT: 0.00-3.94 SM: 7G



NL: 4.56
Bas: m/z:
100
200
F27
793

F27-ANSY-7933#49-61 RT: 1.77-2.08 AV: 11 NL: 8.71E5
T: + c Full ms [100.00-2000.00]



Enlargement of dimer
pattern indicative of
5 Cl's present.

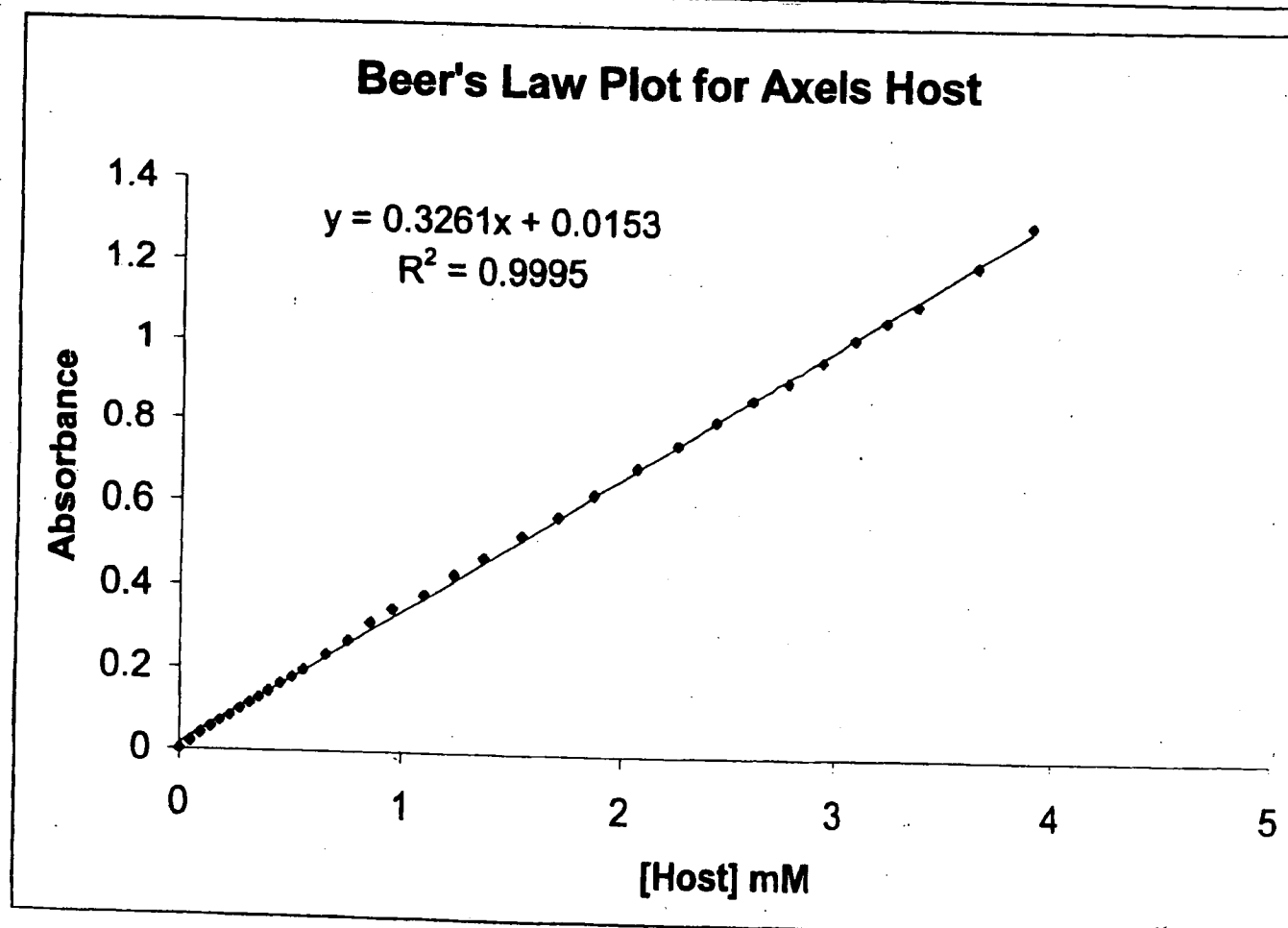
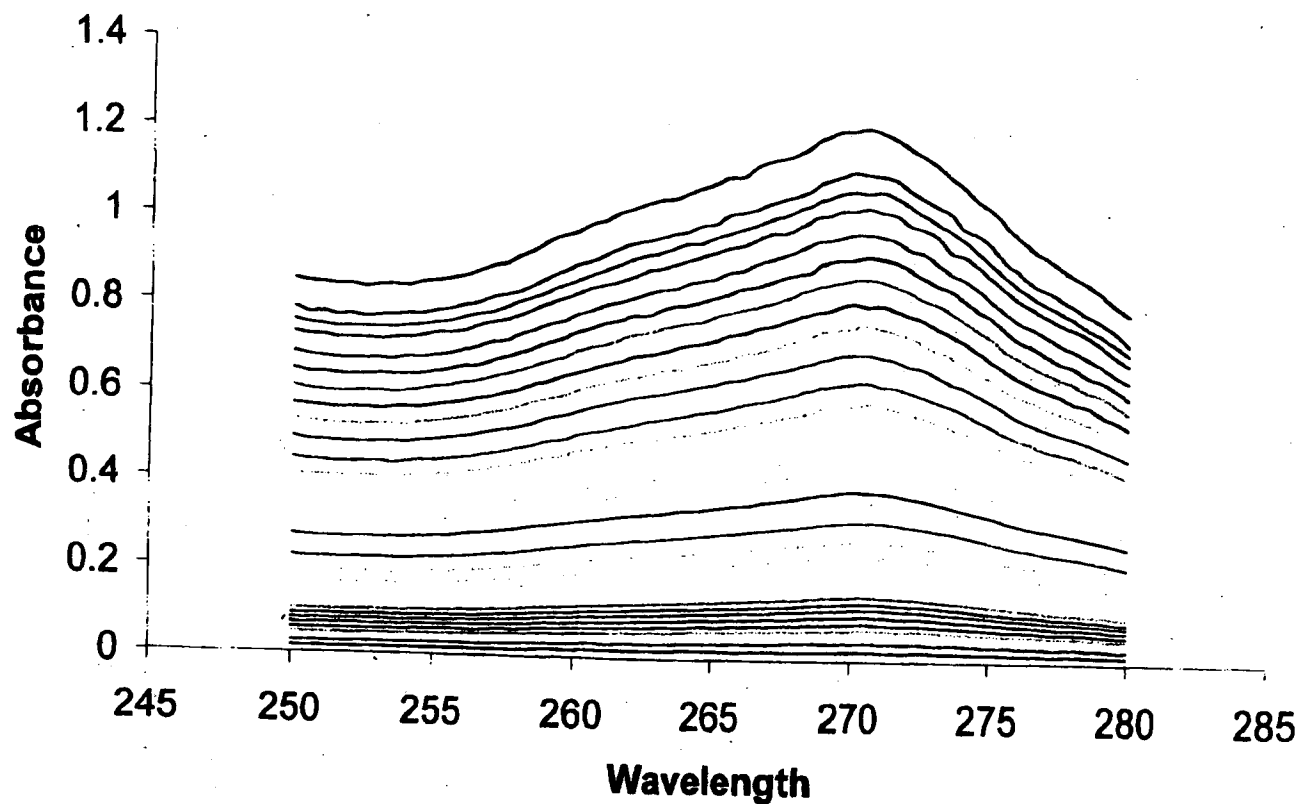


Figure 1. Raw experimental data for Beer's law plot of macrocycle UV-absorbance (a) and Beer's law plot (b).