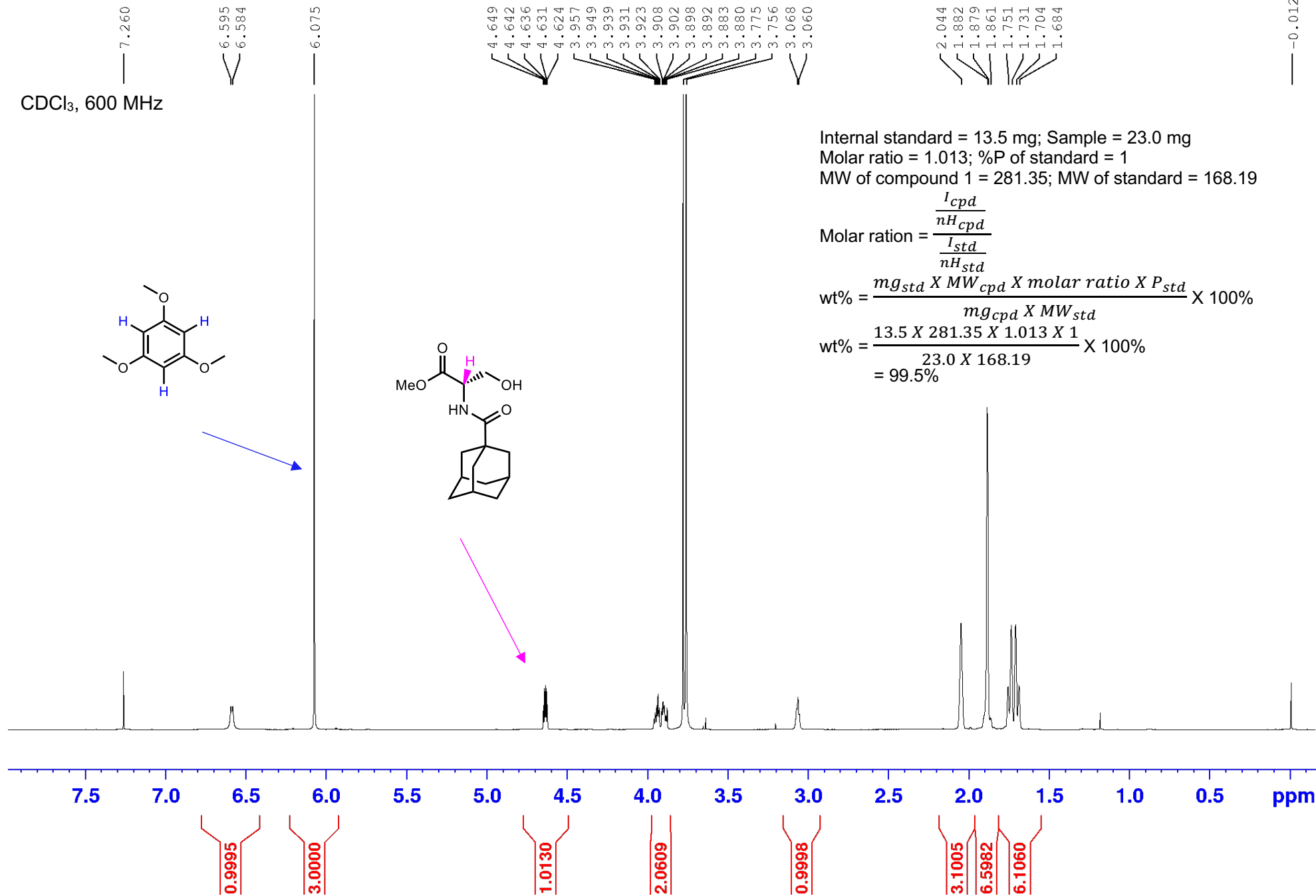
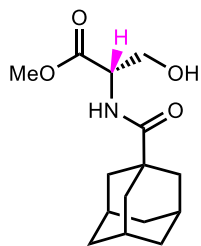
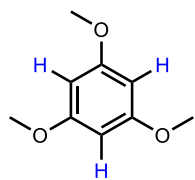


CDCl<sub>3</sub>, 600 MHz



Internal standard = 13.5 mg; Sample = 23.0 mg  
Molar ratio = 1.013; %P of standard = 1  
MW of compound 1 = 281.35; MW of standard = 168.19

$$\text{Molar ratio} = \frac{\frac{I_{cpd}}{nH_{cpd}}}{\frac{I_{std}}{nH_{std}}}$$
$$\text{wt}\% = \frac{mg_{std} \times MW_{cpd} \times \text{molar ratio} \times P_{std}}{mg_{cpd} \times MW_{std}} \times 100\%$$
$$\text{wt}\% = \frac{13.5 \times 281.35 \times 1.013 \times 1}{23.0 \times 168.19} \times 100\%$$
$$= 99.5\%$$