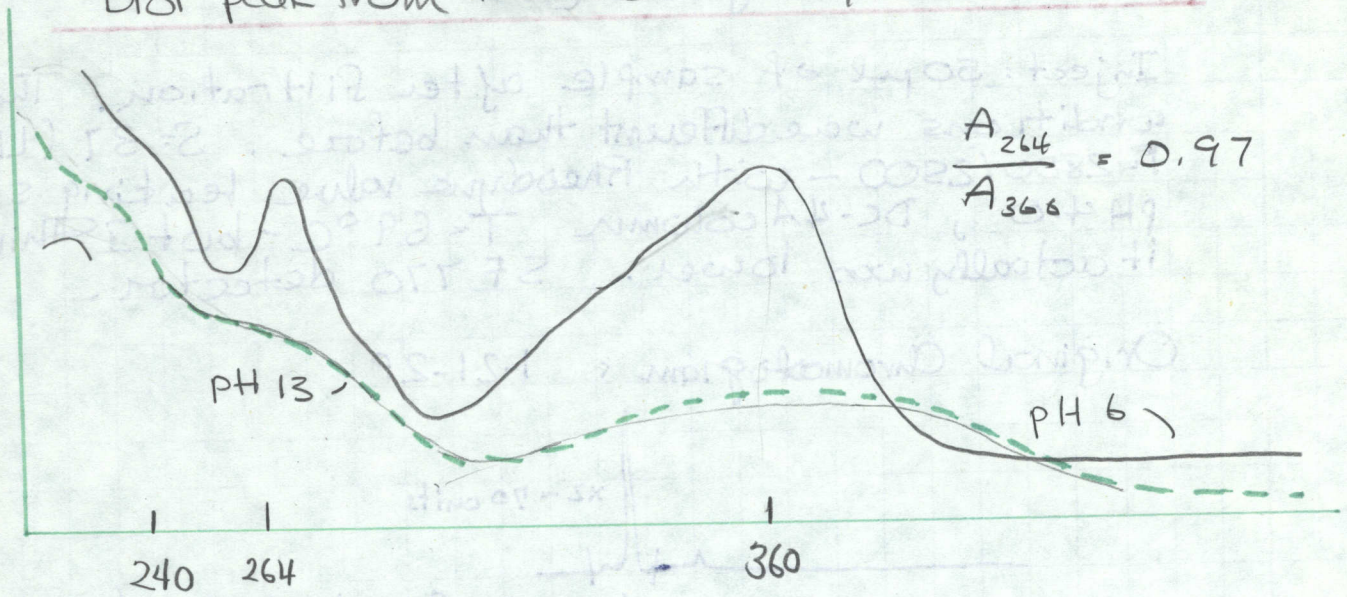
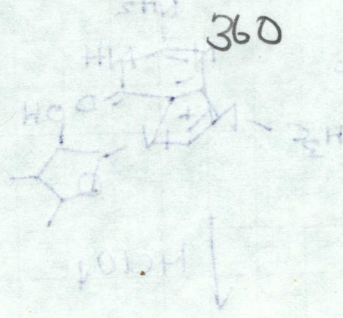
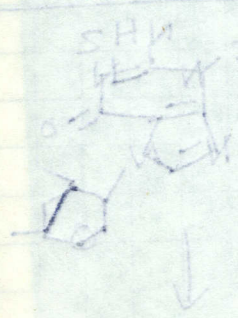
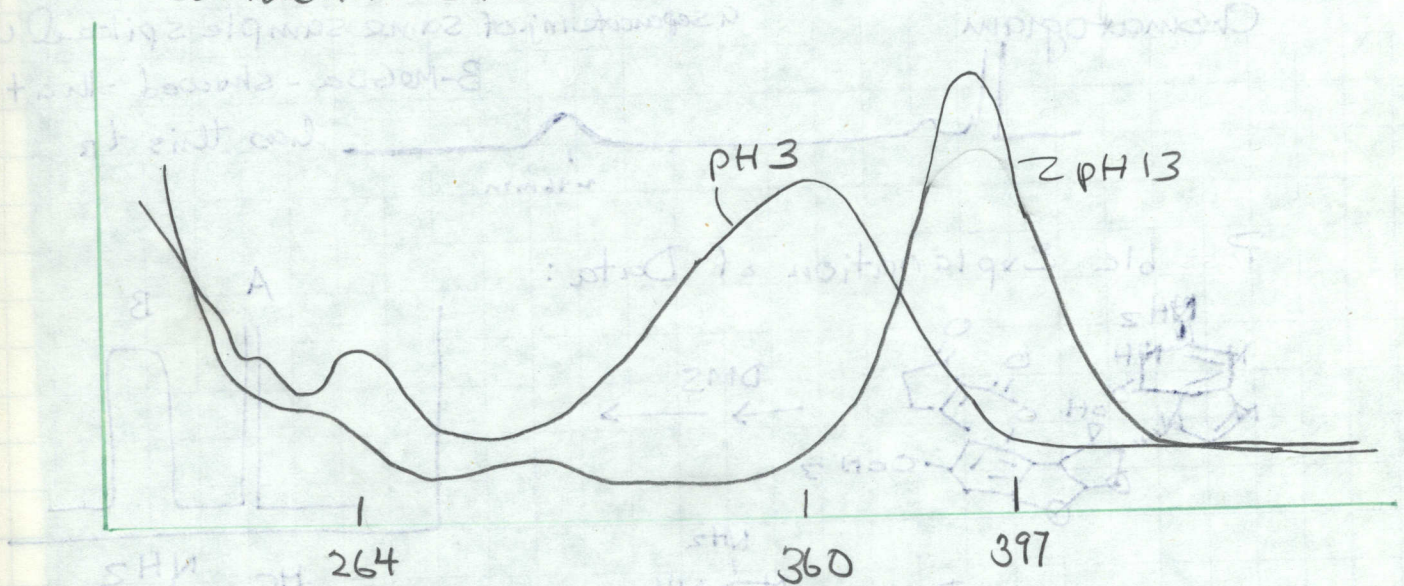


"Diol" peak from Adduct Methylation



Authentic Diol



3-MeCoc

P-MeCoc

Subject

Instructor's Name

2-5-77

Obtain UV Spectrum of "Diol" peak from adduct  
Methylation Experiment.

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Purpose: The data reported on previous page imply that 3-MeGua may have been present in the "diol" peak. If this peak is a diol, it should undergo a bathochromic shift in alkali, like B-2a.

Sample: "Diol" fraction collected by Bob in the meth. Adduct Experiment on 1-3-77 - adduct in 80% MeOH to dry, yellowish sample. It dissolved immediately.

Results:

In alkaline solution, no bathochromic shift was observed. The UV at pH 6 looked similar to adduct (high  $A_{264}$  (360))

Sample: Al Nadzan Diol I-52 pH 6, 3, 13

The spectrum of the diol. looked like the Miller's spectrum and a bathochromic shift clearly was observed. At pH 6, both forms of the molecule probably are present.

\*\* Conclusions: The Data indicate that the "diol" peak probably is a derivative of the adduct and not a breakdown product.