

Subject Adduct Mass Spectrometry Instructor's Name

Week of June 14, 1976

A mass spectrum will be taken of the purified adduct peak 1 (p21) samples which have been dried. Much of the week was spent in refamiliarizing myself with the MS and in obtaining spectral data on modified bases and nucleosides.

June 17, 1976

M.S. of adduct. - sample dissolved or suspended in small vol. of CH_2OH and transferred to a clean dipper (cleared in cleaning acid, EtOH and heated overnight in oven).

Material started coming off the probe at a relatively low temperature ($\sim 70^\circ\text{C}$) - a complex and clean mass spectrum was obtained - it had a large

m/e 446 (large) } approximate m/e
447 15% of 446

353

354

355

324

223

207

205

169

155

149 (100%)

141

124

111

109

97

95

83

69