	Name:		
	Section:	Date:	
Preliminary Report  Experiment: Fluorescence, Absorption, and Excitation Spectra of Polycyclic Aromatic			
		bons as a Tool for Quantitativ	
1.	molar absorptivity of 7.00	th of its maximum absorption $0 \times 10^3$ L cm <sup>-1</sup> mol <sup>-1</sup> . Calculate x at 580 nm in a 1.00 cm cell.	e the absorbance of a $3.75 \times 10^{-5}$
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2.	Briefly describe or define a. Vibrational relaxa	tion	b) internal conversion
3.	Describe the basic compo (fluoremeter).	onents of an instrument to me	asure emission spectra
4.	Why do some absorbing o	compounds fluoresce while ot	hers do not?
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5.	Define limit of detection.		