

Student name: \_\_\_\_\_ Date: \_\_\_\_\_ [tab-int2]

**[Exercise]**

Measure the heights of the lines of the 2<sup>nd</sup> quintet and fill the corresponding rows of the following Intensities Table 2.

**Intensities Table 2. Intensities of the lines of the 2<sup>nd</sup> quintet of spectra [a014] and [a023].**

Biphenylene anion radical [a014]					
	Peak-1	Peak-2	Peak-3	Peak-4	Peak-5
Pixels					
Normalized <sup>a</sup>					
Theoretical <sup>b</sup>					

1,4-di-deuterio benzene anion radical [a023]					
	Peak-1	Peak-2	Peak-3	Peak-4	Peak-5
Pixels					
Normalized <sup>a</sup>					
Theoretical <sup>c</sup>					

<sup>a</sup> Normalize the intensities so that the smallest one will worth the unit.

<sup>b</sup> Theoretical intensities given in Table 2.

<sup>c</sup> Theoretical intensities given in Table 3.