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Peptide spectral library - Wikipedia

Absorption spectra of benzoic acid in water at different ...  
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In diploid populations, we may also  
see a shift in the mutational spectrum  
away from loss-of-function mutations,  
towards dominant or overdominant  
mutations , . However, there is  
currently only limited data describing  
the mutations that occur during  
experimental evolution in diploids,  
leaving the exact nature of this shift  
unclear. Spectroelectrochemistry:

Spectroscopic Experiments-Gamry's ...  
Experimental technique in flame emission spectroscopy The solution containing the relevant substance to be analysed is drawn into the burner and dispersed into the flame as a fine spray. The solvent evaporates first, leaving finely divided solid particles which move to the hottest region of the flame where gaseous atoms and ions are produced.  
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The experimental spectrum in CH<sub>3</sub>OH solution shows three maximum bands at 237.0, 274.0 and 335.0

nm. The predicted electronic absorption spectra were achieved by TDDFT in gas phase and PCM-TDDFT in CH<sub>3</sub>OH solution. Spectra of cosmic ray carbon and oxygen nuclei according ...  
It was found that to reproduce experimental spectrum at pH 8.0, additional continuum representation for the extended solvent environment must be included in combination with explicit solvent molecules (n = 3); (vi) salts (NaCl and CaCl<sub>2</sub>) have minimal effect on the absorption spectrum and; (vii) experimental results showed that B-band of ...  
Experimental and quantum-chemical study of differential ...  
Figure 3 shows a screenshot of an absorbance spectrum displayed in Gamry 's Framework during an Optical Spectroscopy experiment. The spectrum is from Methylene Blue in a solution of potassium nitrate (KNO<sub>3</sub>). The integration time was set to 0.1 s. Figure 3 – Absorbance spectrum of 0.1 mM Methylene Blue in 1 mM KNO<sub>3</sub>.  
Experimental correction for the inner-filter effect in ...  
Novelties of this work are the theoretical assignment of the

electronic spectra of DNA bases up to 190 nm and a state specific analysis of solvation effects. By accounting for different effects contributing to the total solvent shift we obtained a good agreement between the computed and experimental spectra.  
Experimental and DFT studies on the vibrational and ...  
A peptide spectral library is a curated, annotated and non-redundant collection/database of LC-MS/MS peptide spectra. One essential utility of a peptide spectral library is to serve as consensus templates supporting the identification of peptide/proteins based on the correlation between the templates with experimental spectra.