

Application of Advanced Analytical Techniques in Organic Cultural Heritage: A Case Study of Ancient Architecture Relics in the Palace Museum (Beijing)

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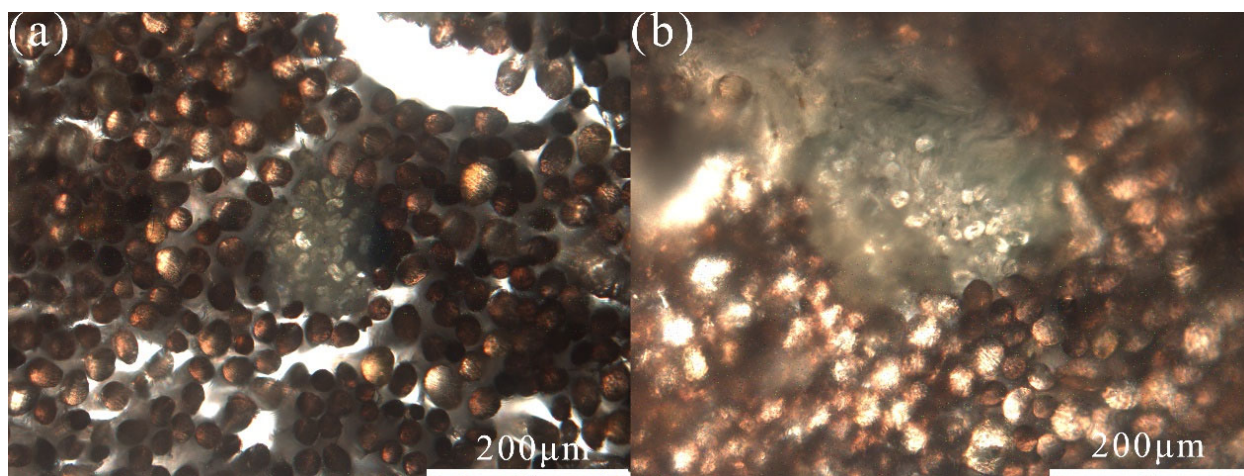
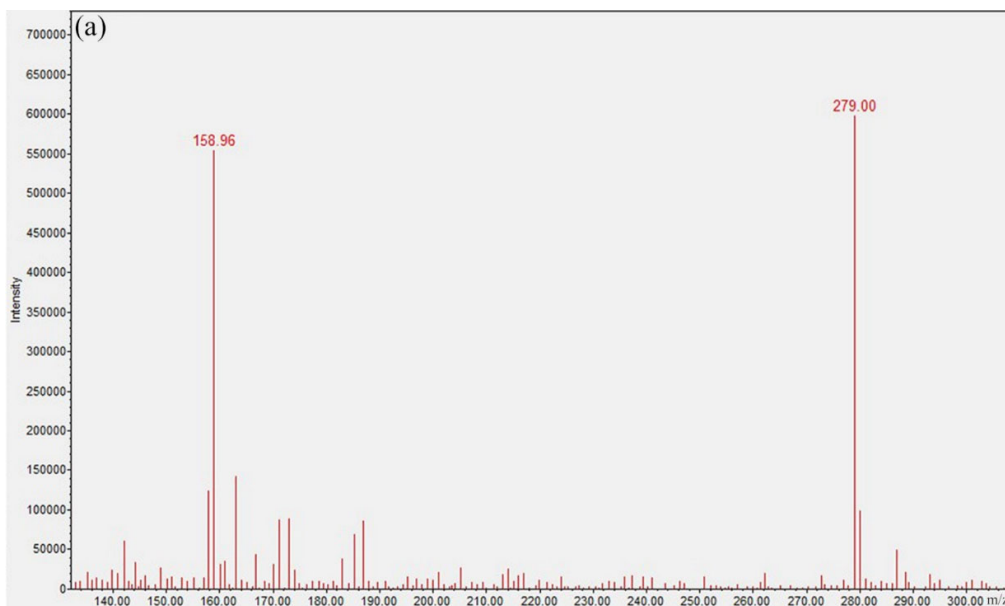


Figure S1. Fiber cross-sections obtained from the layer No. 2 (a) (20×) and No. 4 (b) (20×) respectively, presenting stained lumen and periphery of cotton fibers.



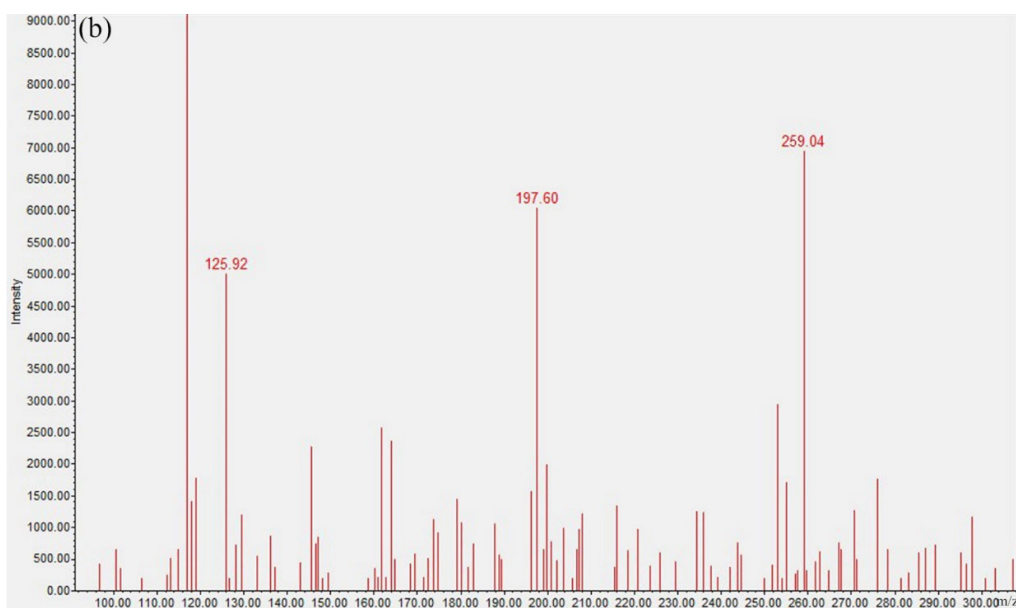


Figure S2. MS spectra of cotton fiber with the molecular ion peak at m/z 279 (a) and 259 (b) in positive and negative ion mode respectively.

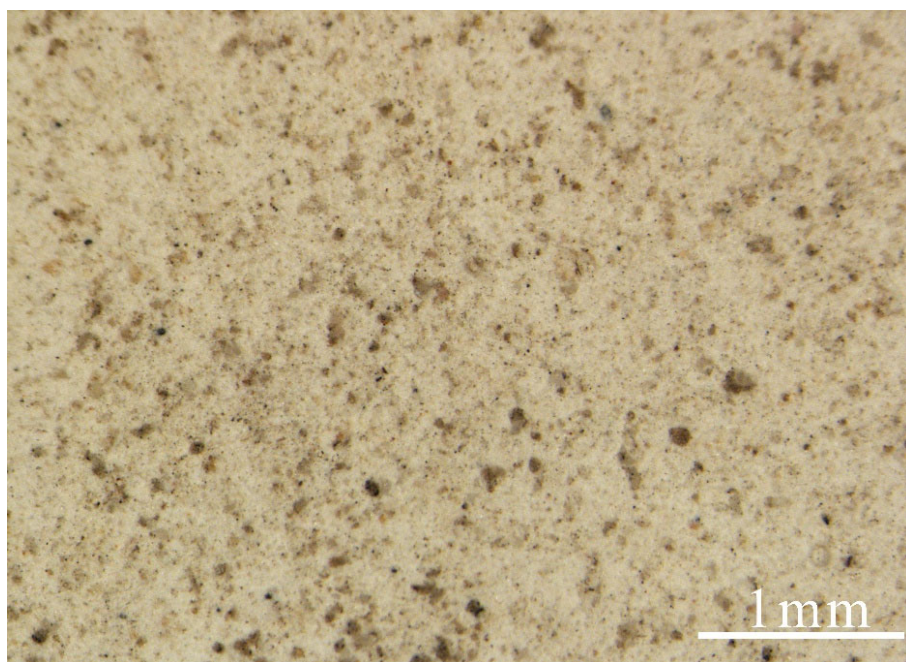


Figure S3. Microscopic observation of the surface white pigments (32 \times).

Table S1. The colorimetric characterization of printed fabric.

Colors	L	a	b
Green	81.47	-12.52	13.08
Blue	64.90	-2.62	-5.82
Cyan	83.66	-5.95	6.60
Red	60.22	38.30	20.18
White	94.18	-0.60	14.85