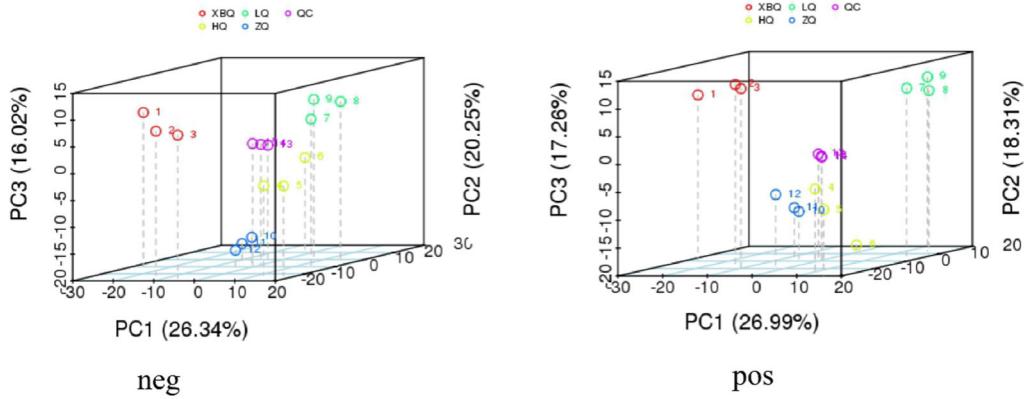


**Fig. S1** LC-MS total ion chromatogram of four samples (XBQ, HQX, BQ, and ZQ) in both positive and negative ion modes. Neg negative ion mode; Pos positive ion mode. BQ: Gengyun Baoqin, green petiole; HQX: Baigu Huangxinqin, yellow petiole; XBQ: Xuebaiqin, white petiole; ZQ: Gengyun Ziqin, purple petiole; LC-MS: liquid chromatograph-mass spectrometer.



**Fig. S2** PCA score plots among four celery samples and QC sample in positive and negative ion modes.  
PCA: principal component analysis; QC: control sample.