

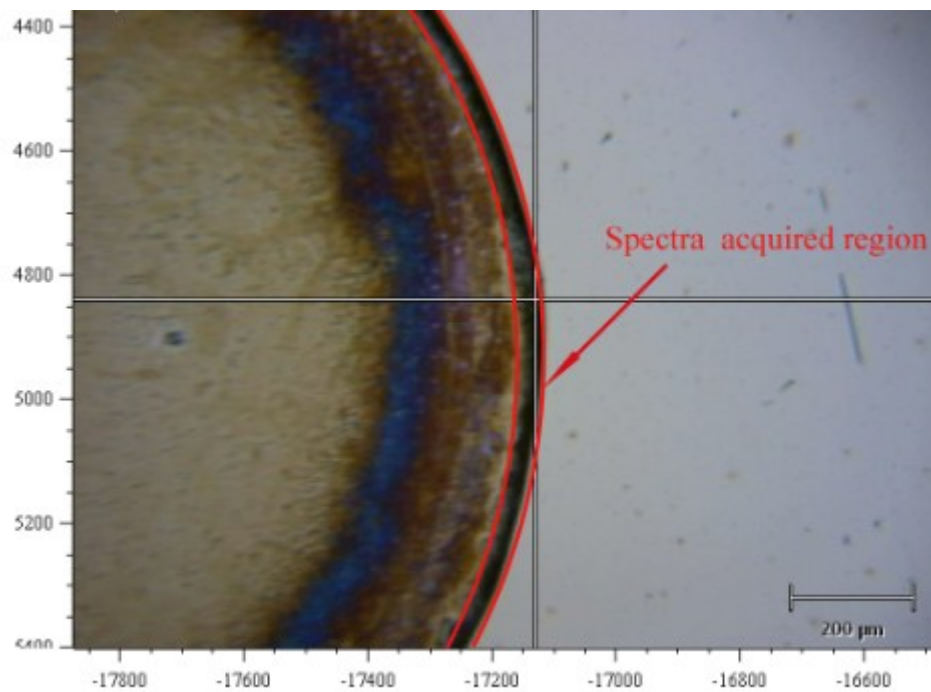
## Supporting Information

**The strategy of two-scale interfaces enrichment for constructing ultrasensitive SERS substrates based on coffee ring effect of AgNP@ $\beta$ -CD**

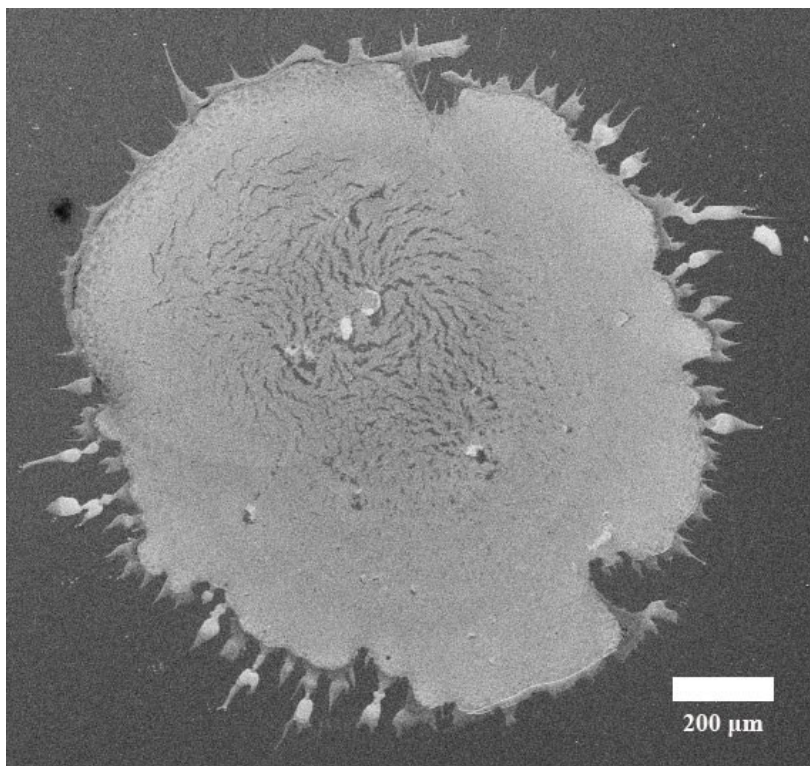
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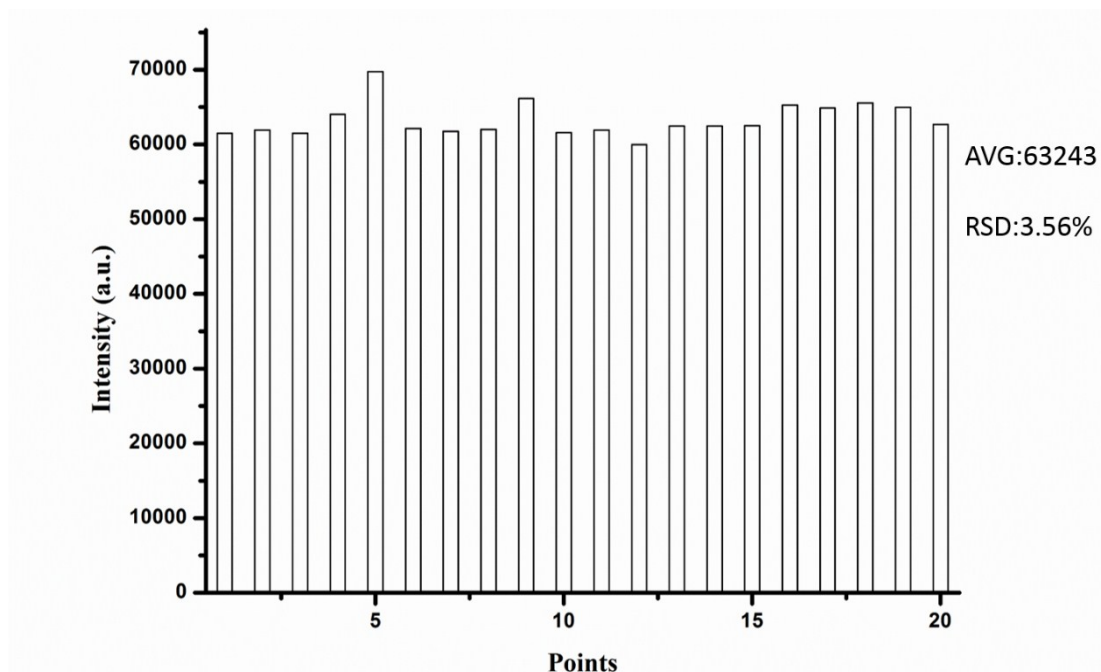
\*Corresponding authors: E-mail: wqian@seu.edu.cn; cwy@seu.edu.cn

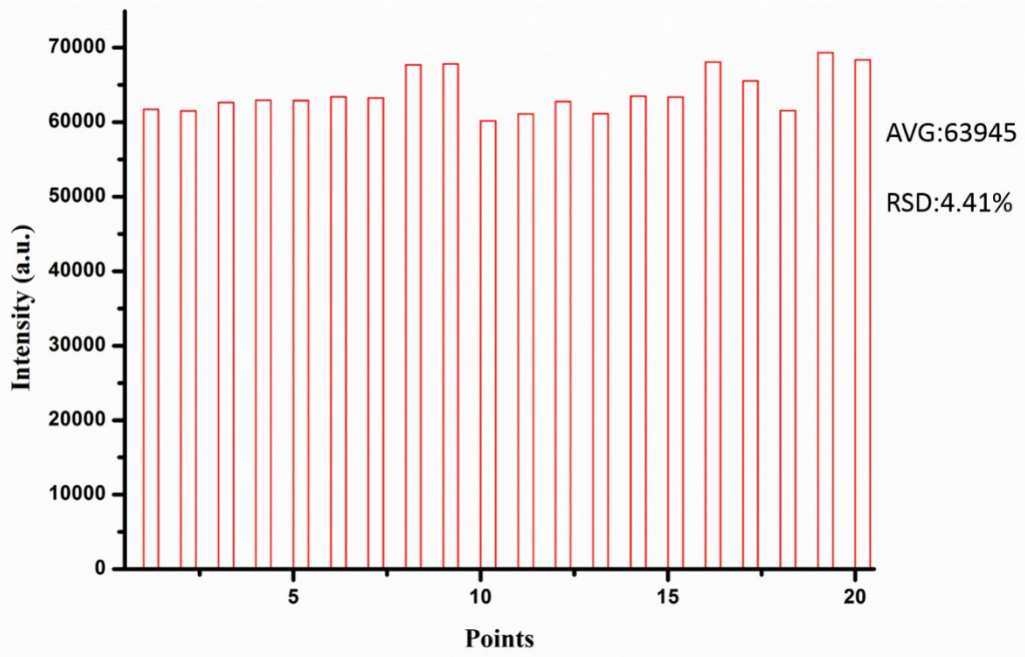
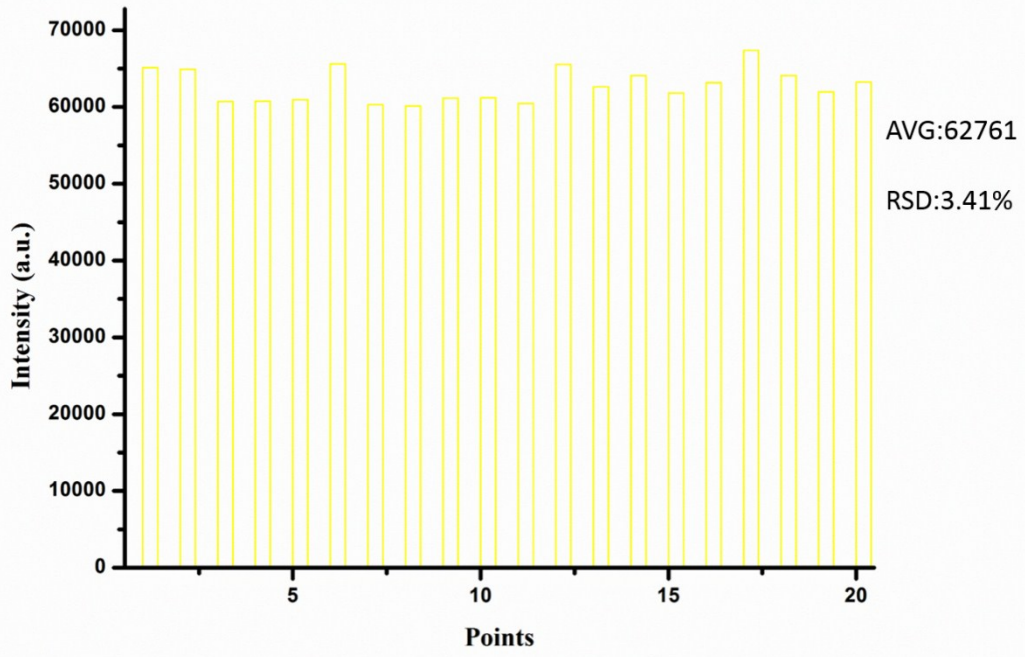


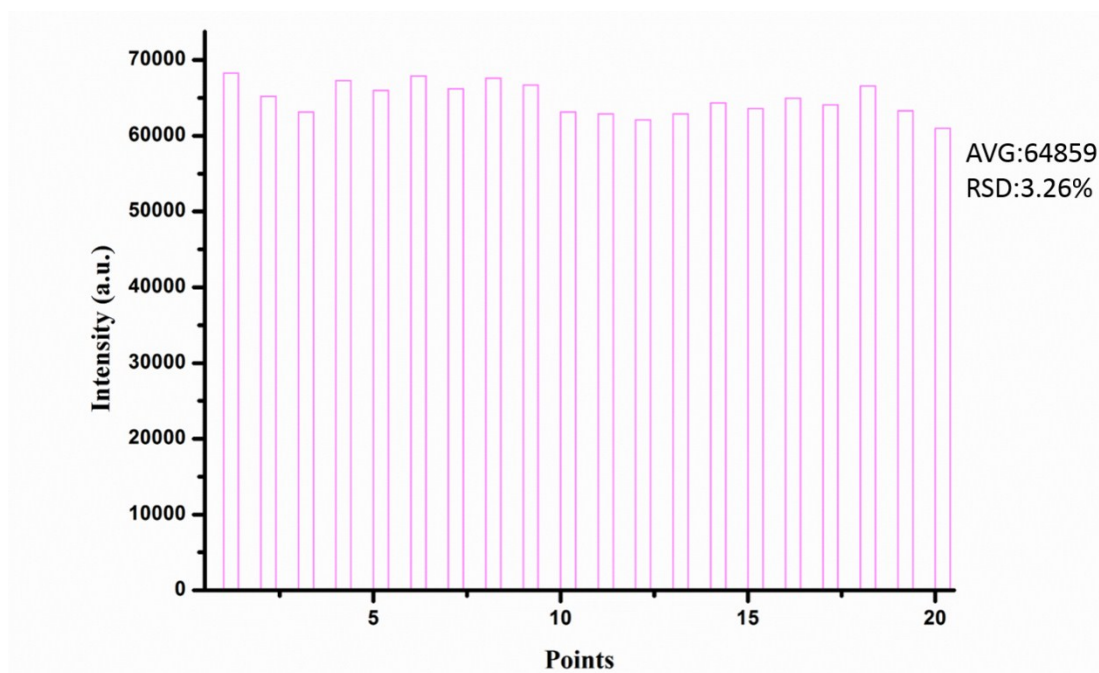
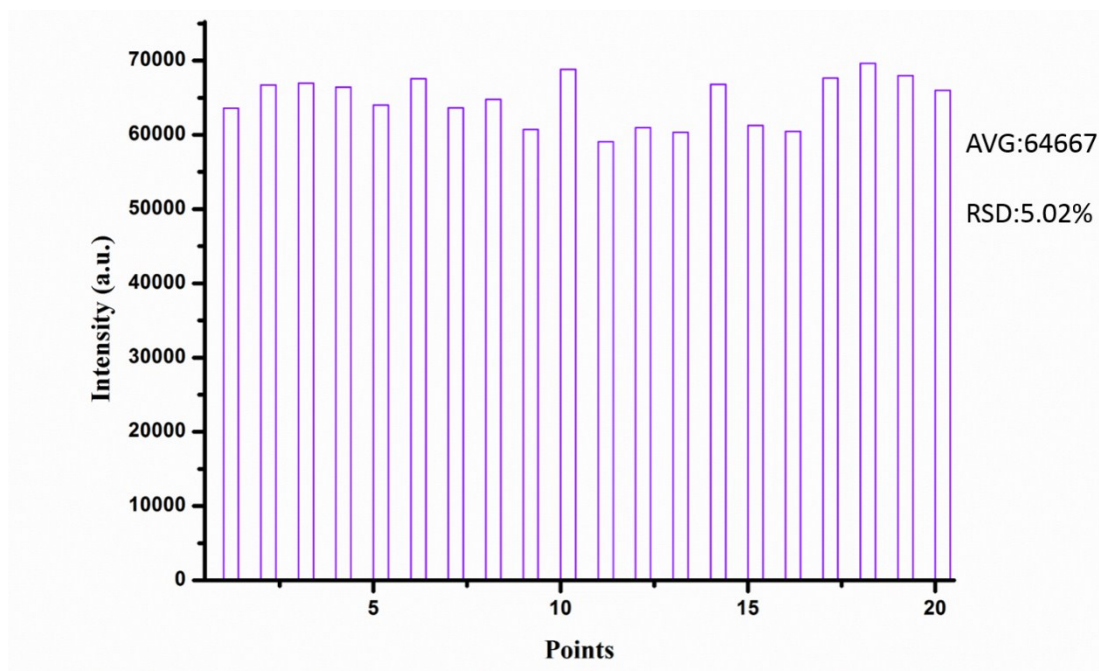
**Fig S1:** The micro images under microRaman modem, the SERS spectra was randomly acquired along the ring edge (region in between two red curves)



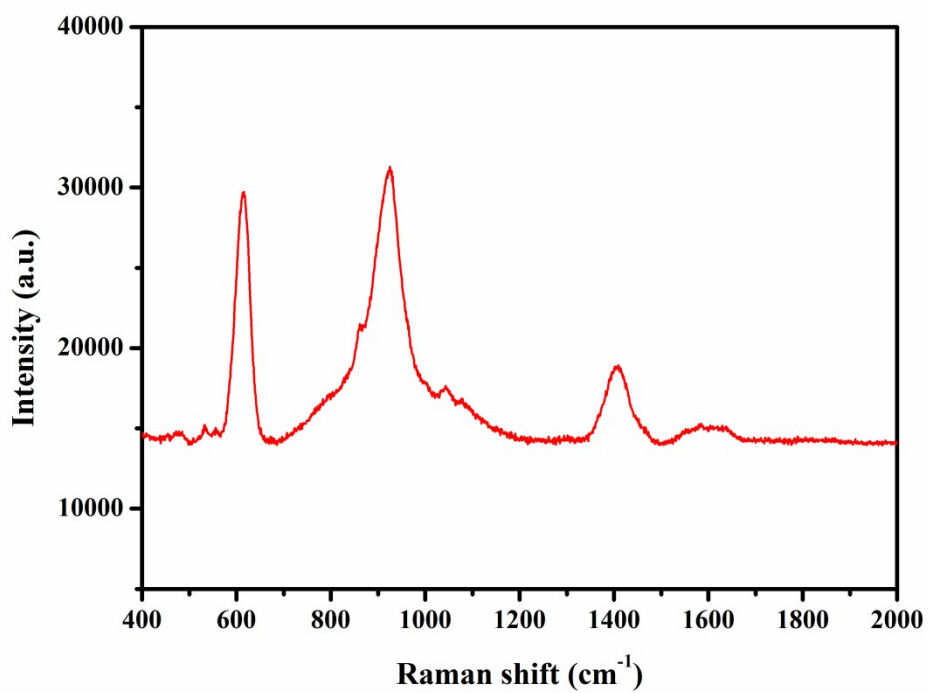
**Fig S2:** The SEM image of AgNP@β-CD deposited on hydrophilic silicon wafer.



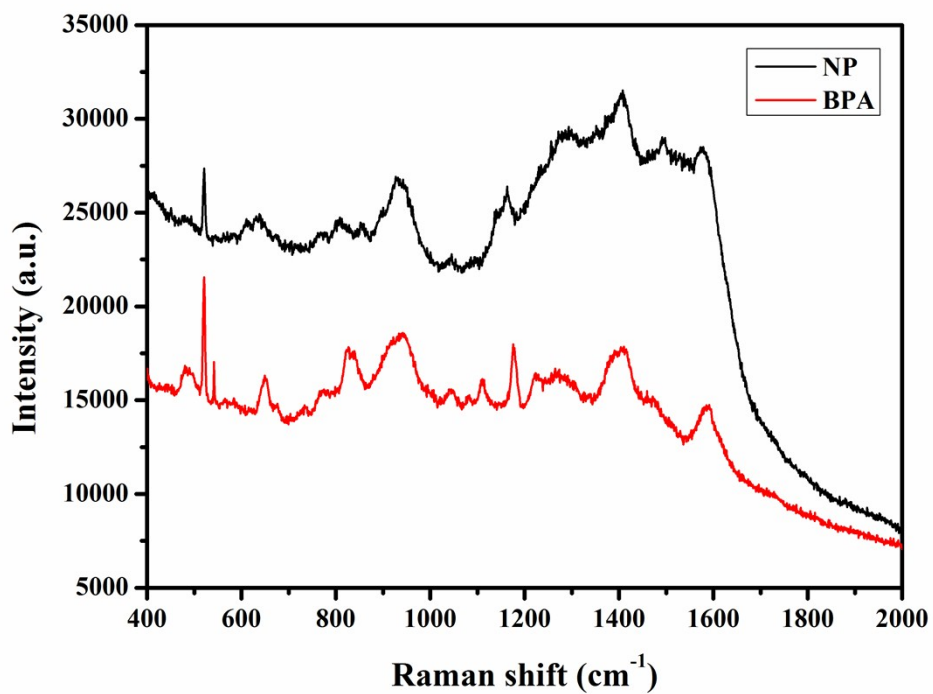




**Fig S3:** SERS intensity of randomly point on the five substrate respectively. The average SERS intensity (AVG) and relative standard deviation (RSD) of 20 points for each substrate



**Fig S4:** The SERS spectrum of the AgNP@ $\beta$ -CD substrate.



**Fig S5:** The SERS spectrum of Nonylphenol (NP) and Bisphenol A (BPA)