

**Supplementary information:**

**Figure S1.** Morphological score plots of peak clusters, (a) A (b) B

**Figure S2.** FSMW-EFA plots of peak clusters, (a) A (b) B

**Figure S3.** Pure concentration profiles of peak clusters, (a) A (b) B

**Figure S4.** Pure mass spectra of peak clusters, (a) A (b) B

Figure S1.

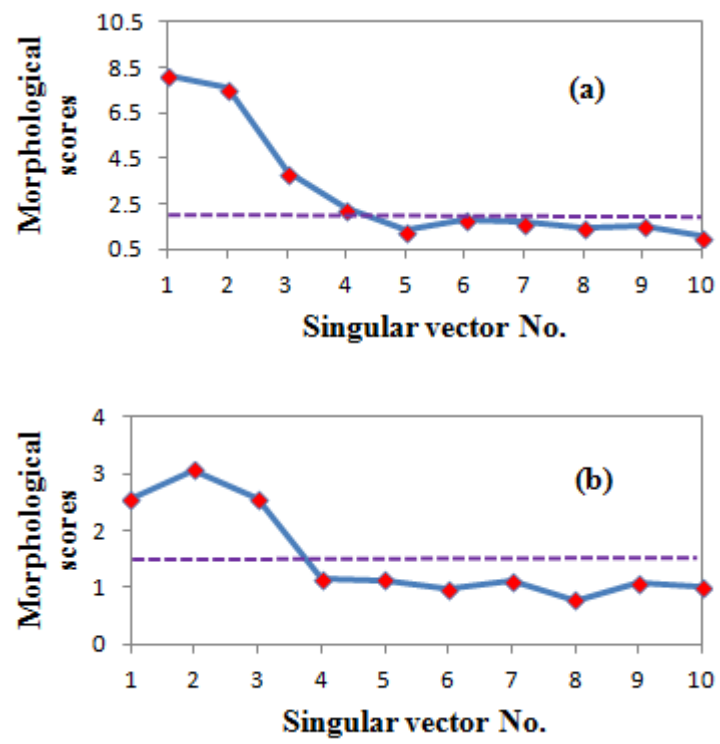


Figure S2.

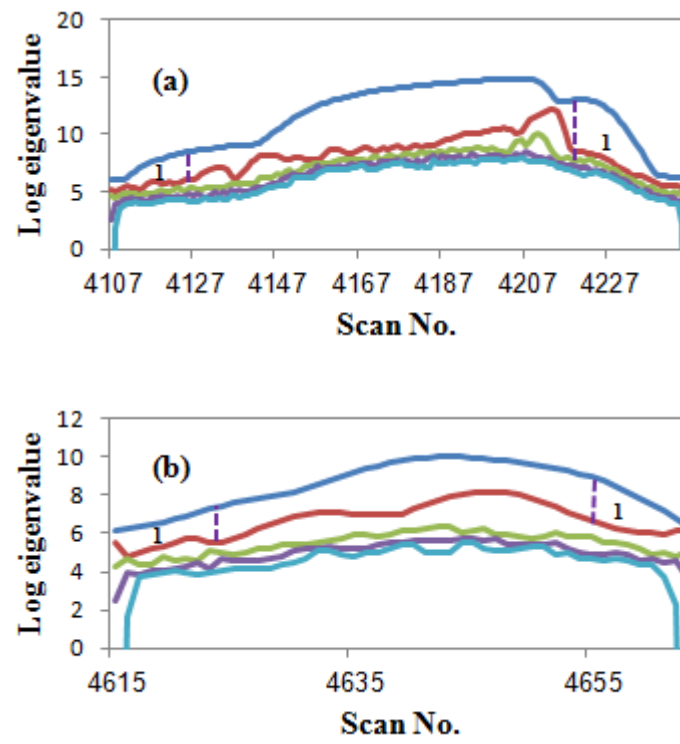


Figure S3.

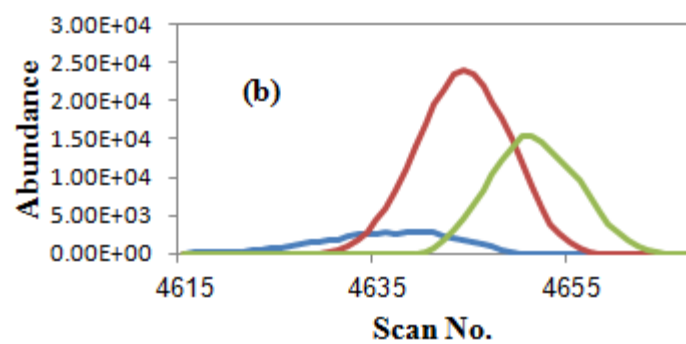
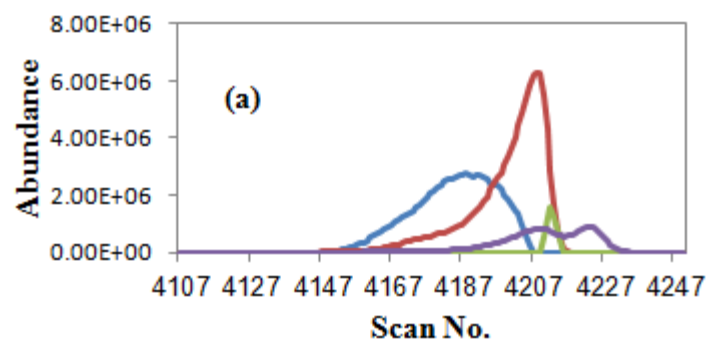


Figure S4.

