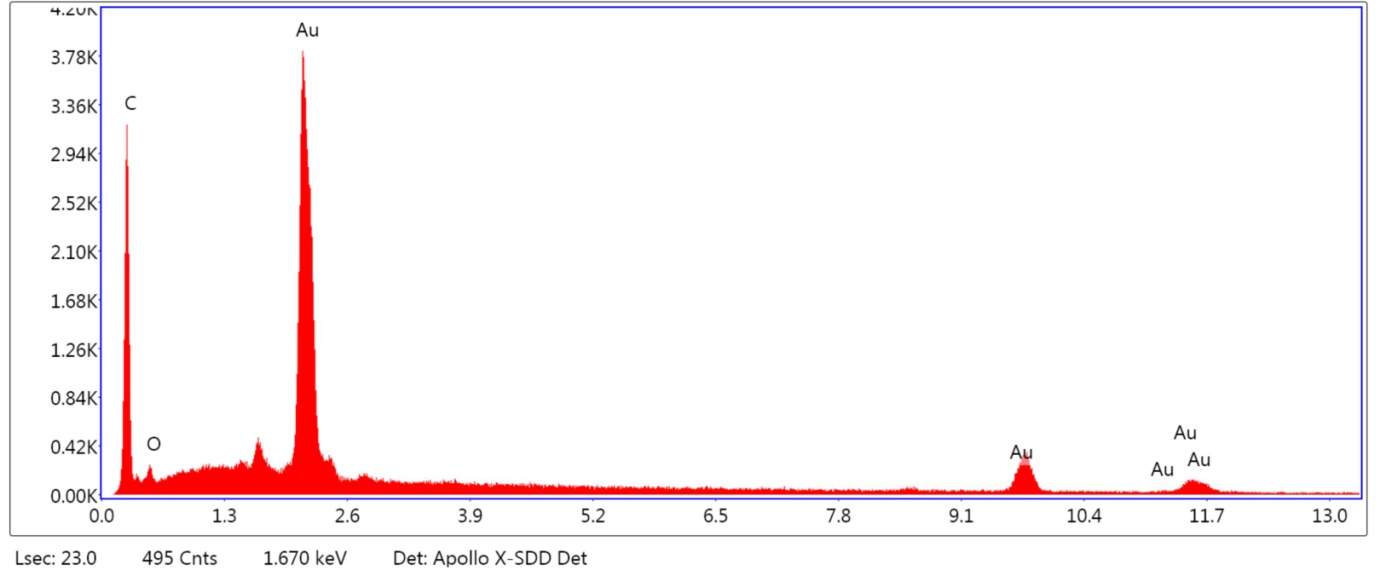
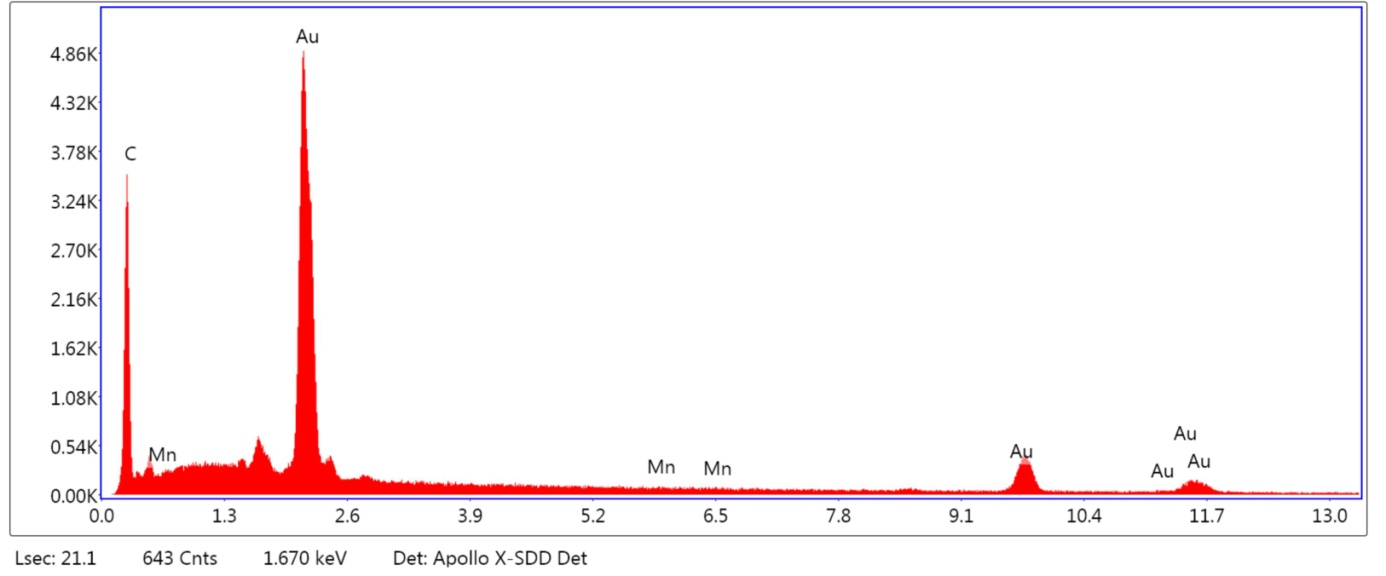
**Supplementary material**

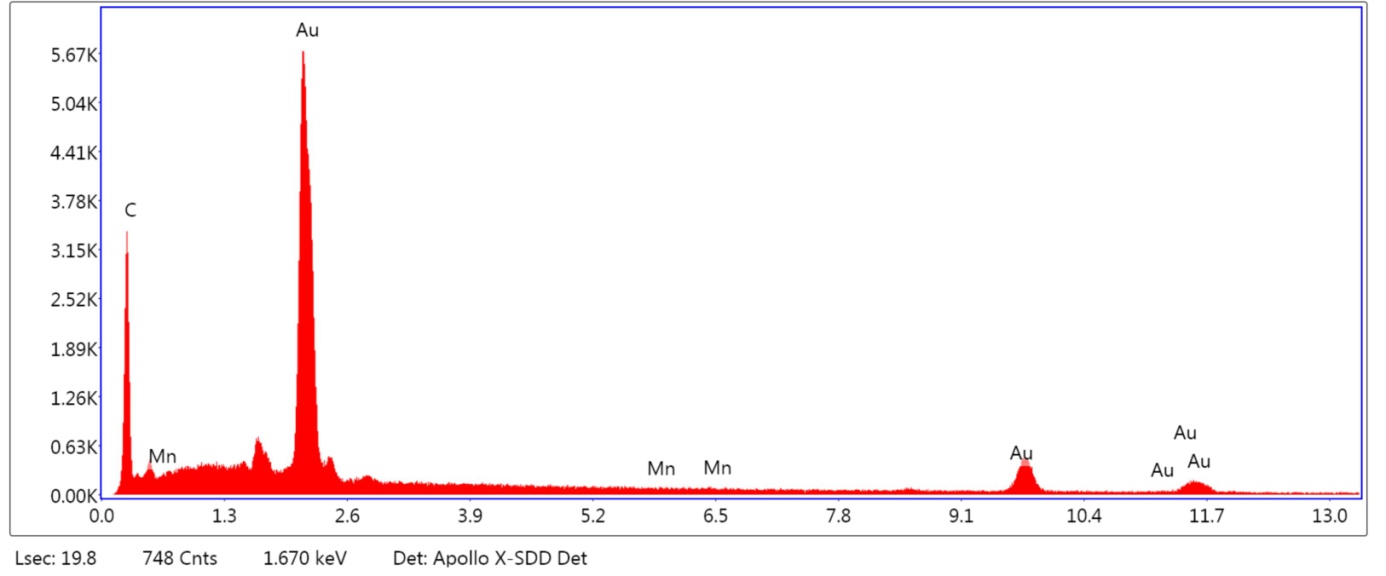
Graphic presentation of the EDS measurements in the samples shown in Figure 2.



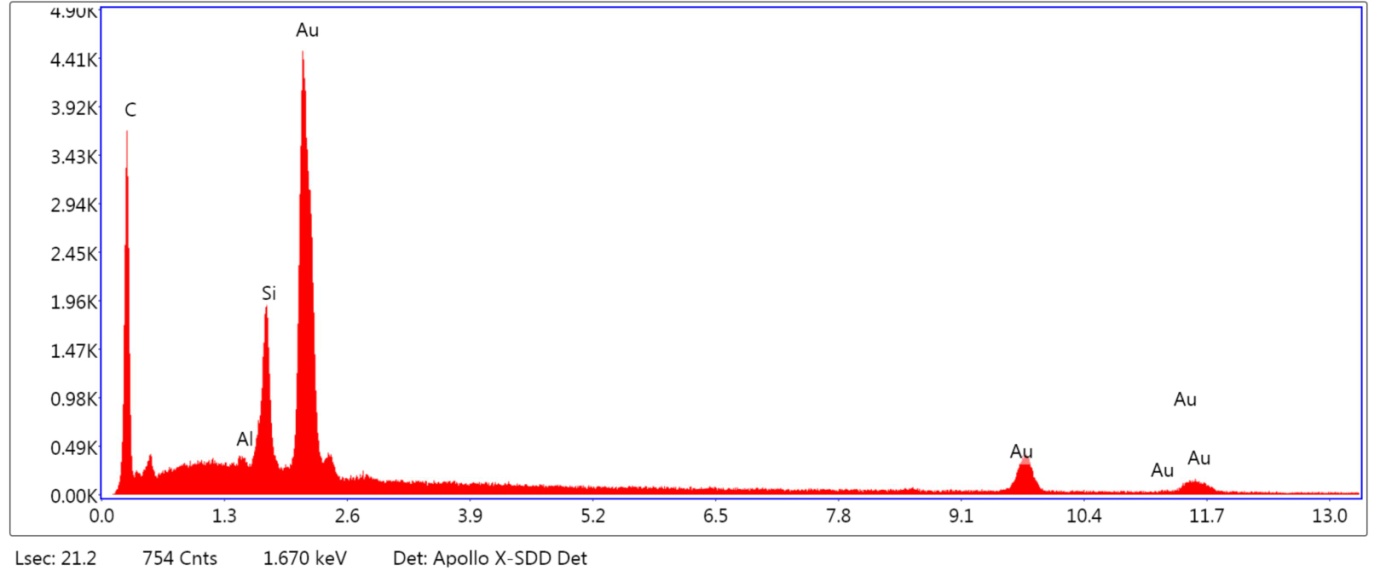
1) Figure 2A – spot 1



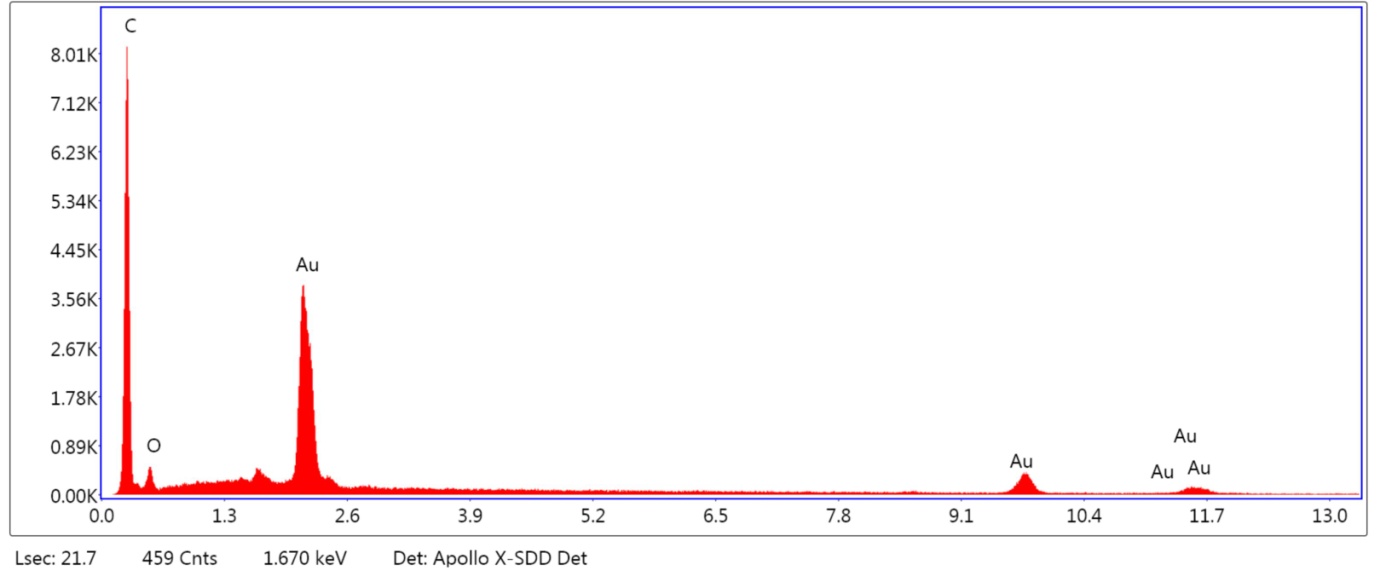
2) Figure 2A – spot 2



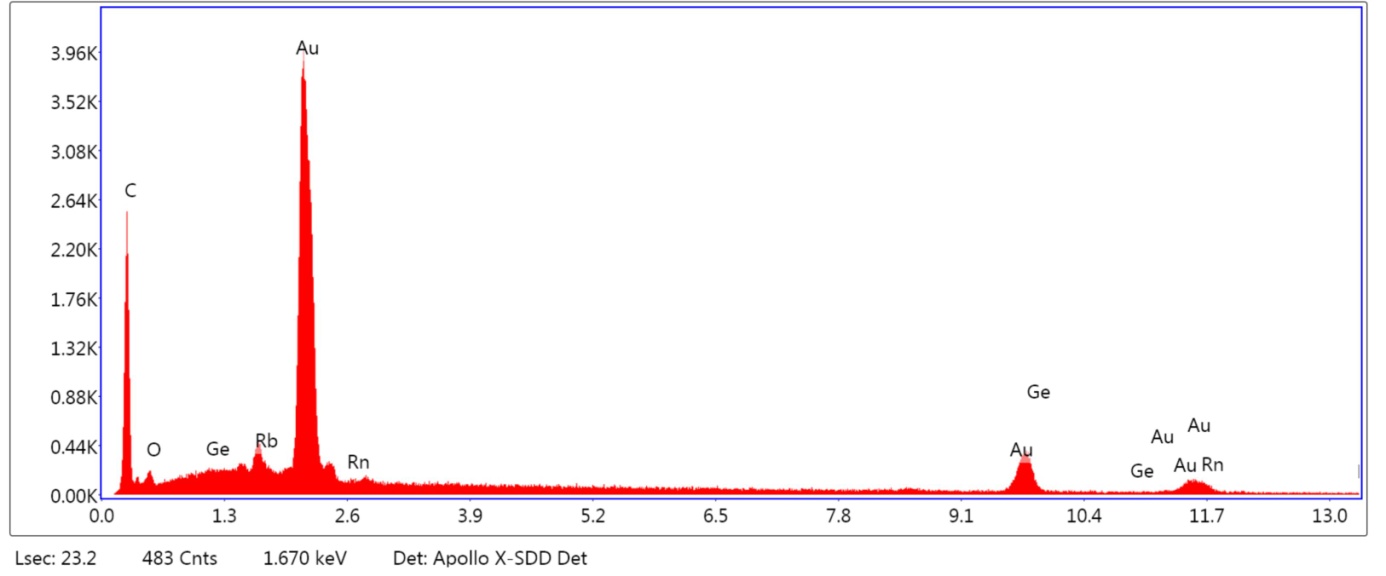
3) Figure 2A – spot 3



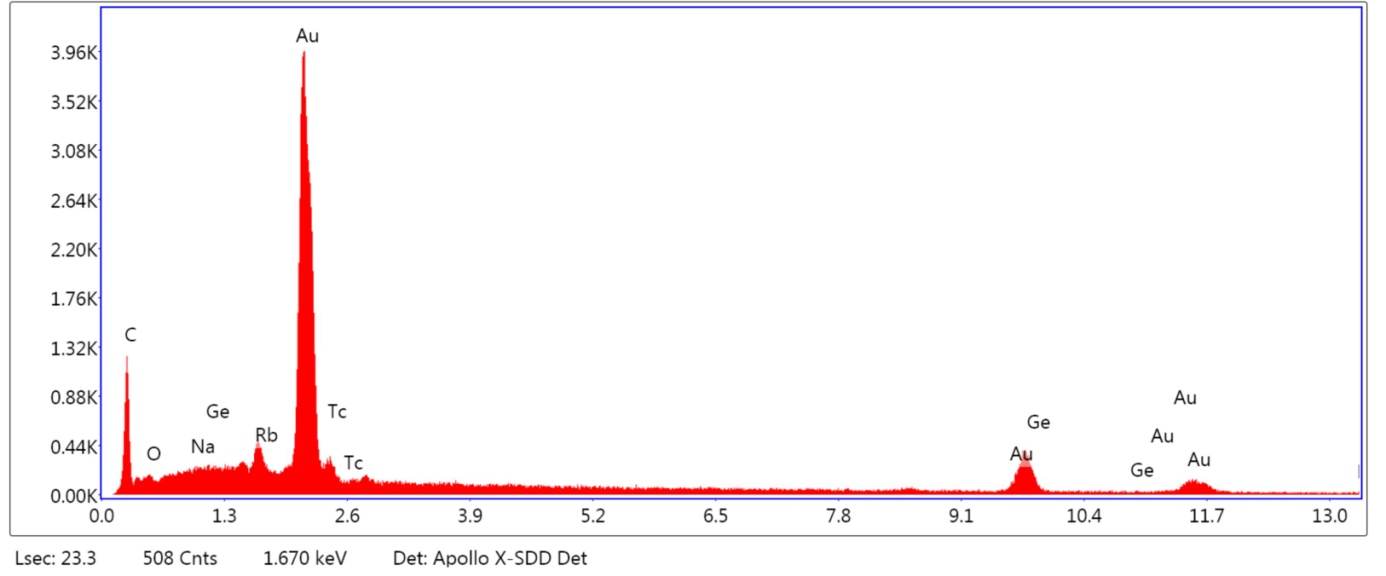
4) Figure 2A – spot 4



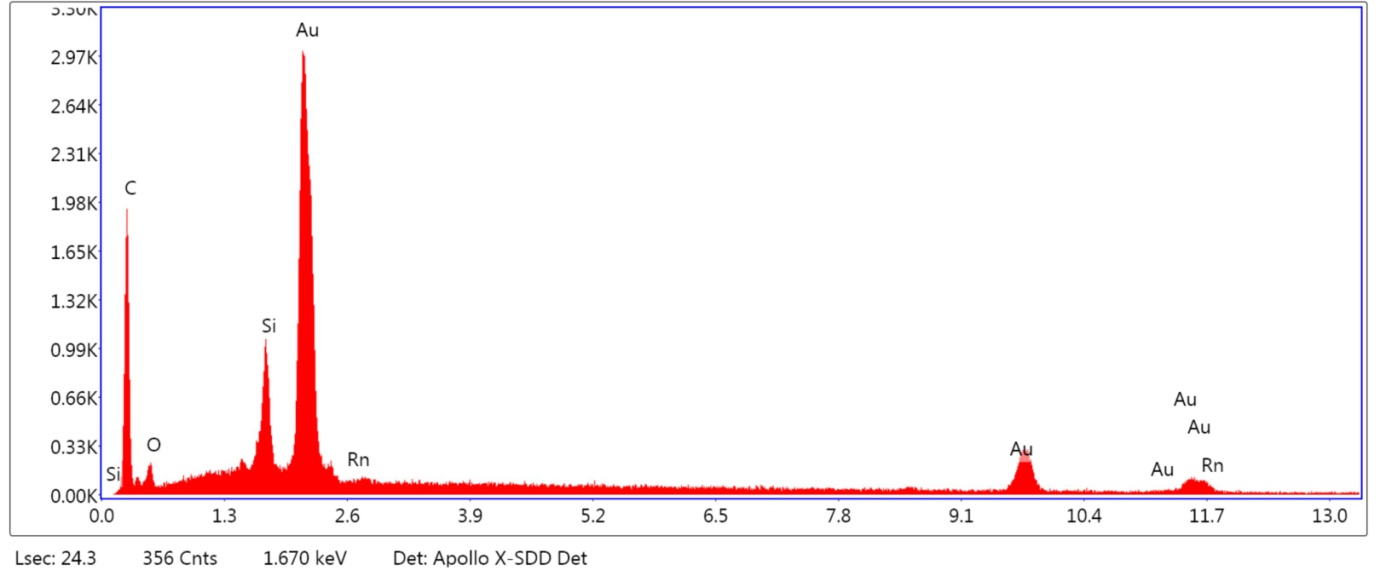
5) Figure 2A – spot 5



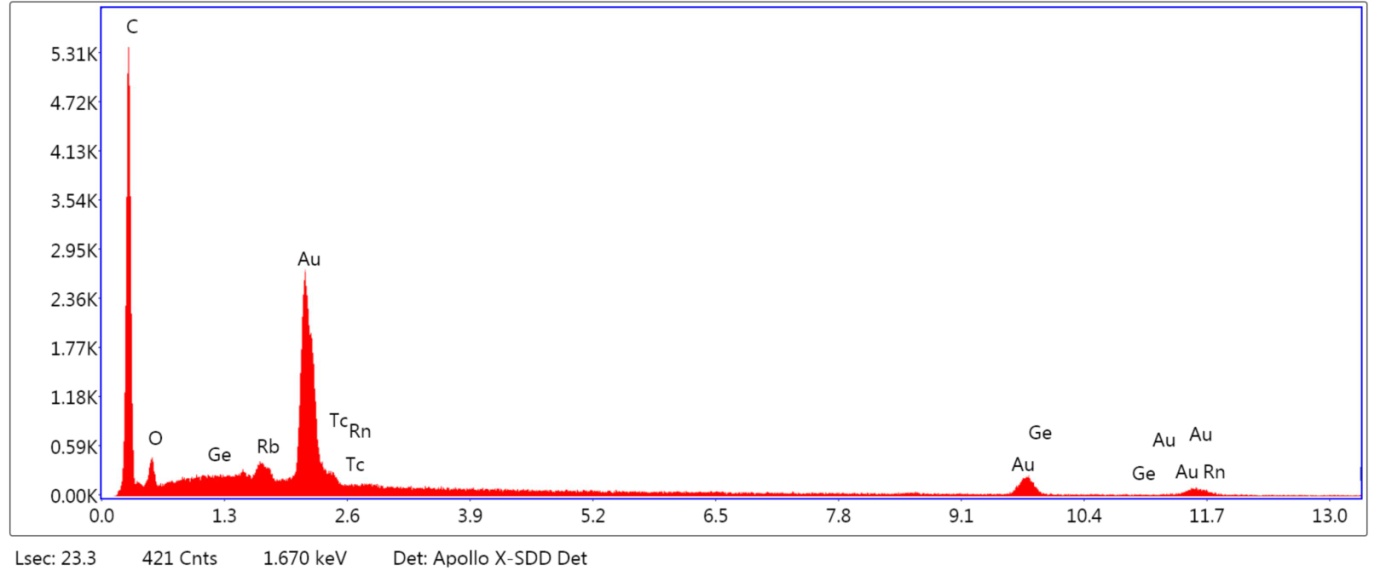
6) Figure 2B – spot 1



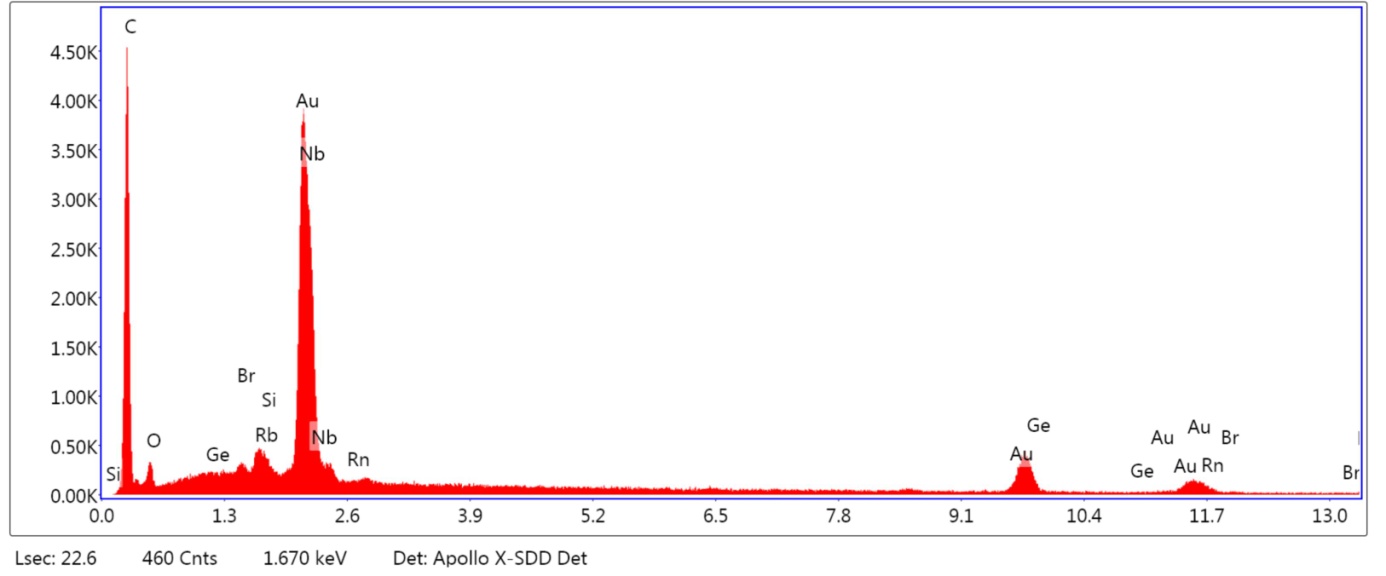
7) Figure 2B – spot 2



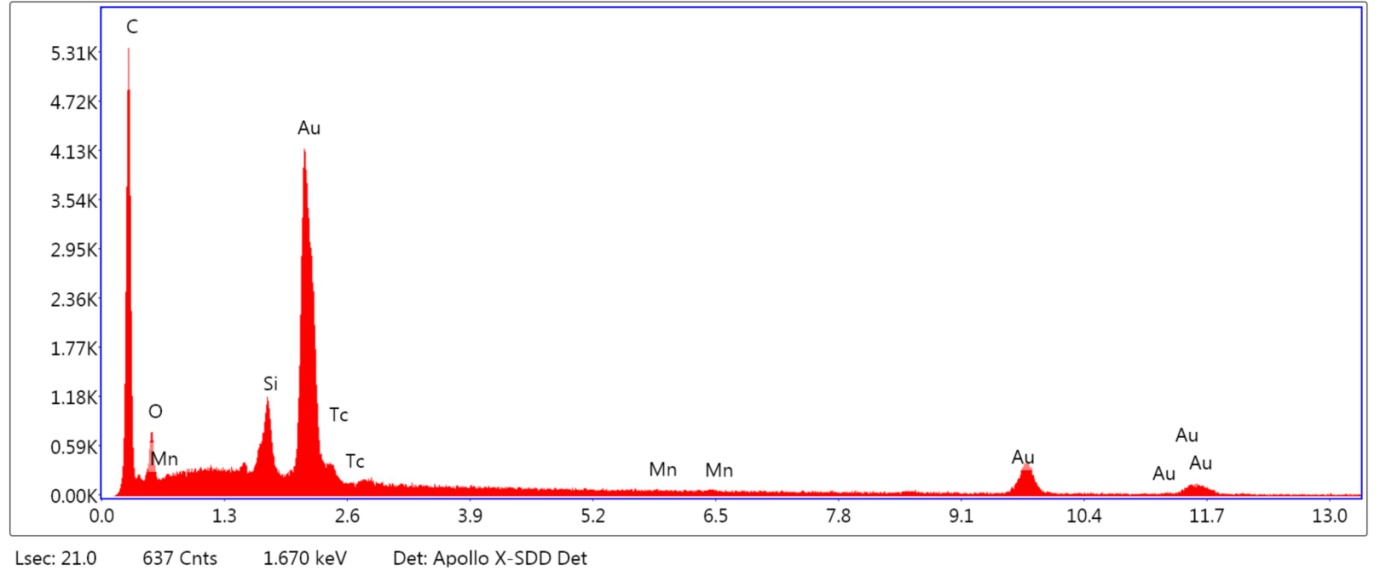
8) Figure 2B – spot 3



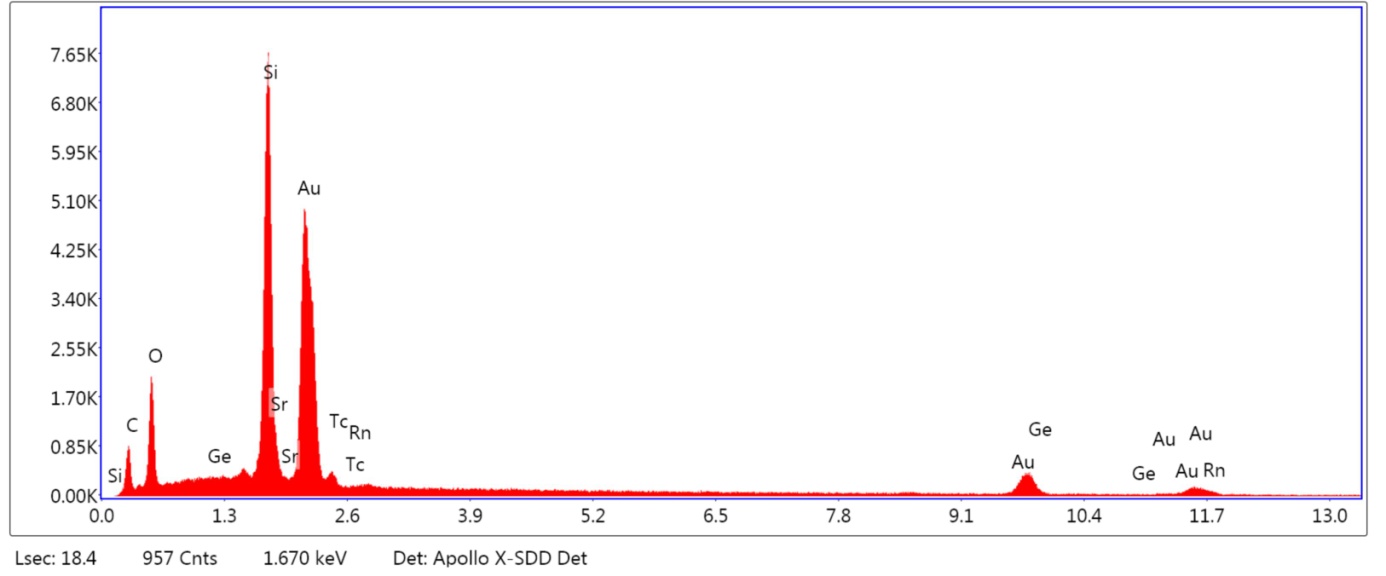
9) Figure 2C – spot 1



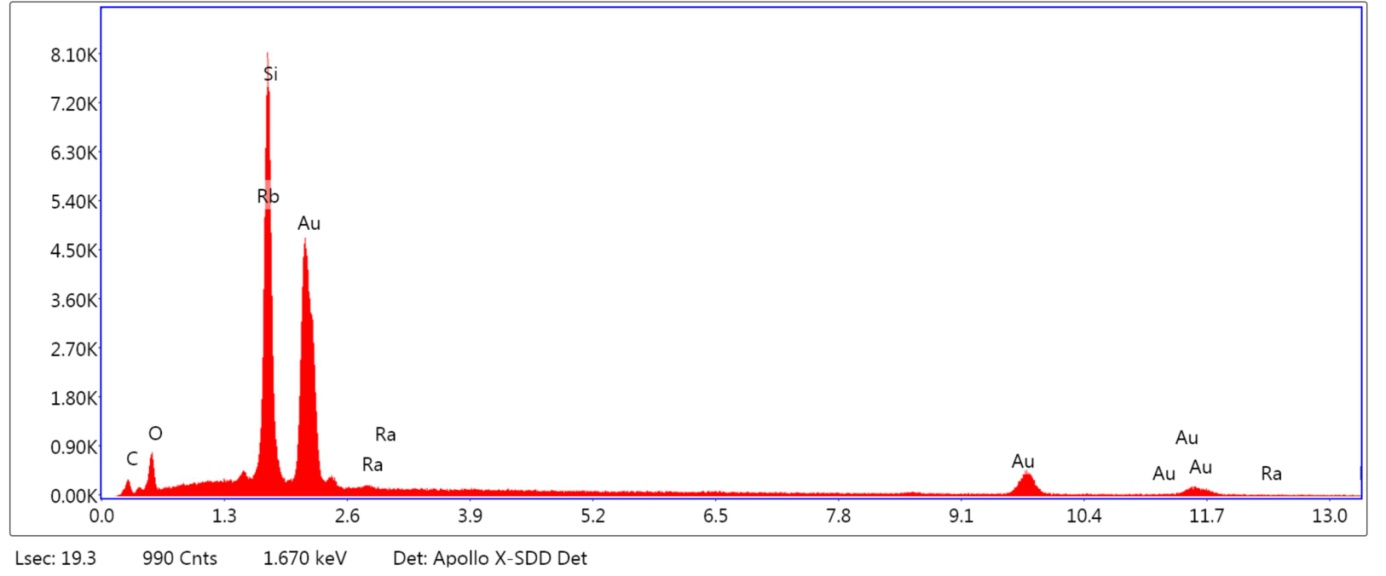
10) Figure 2C – spot 2



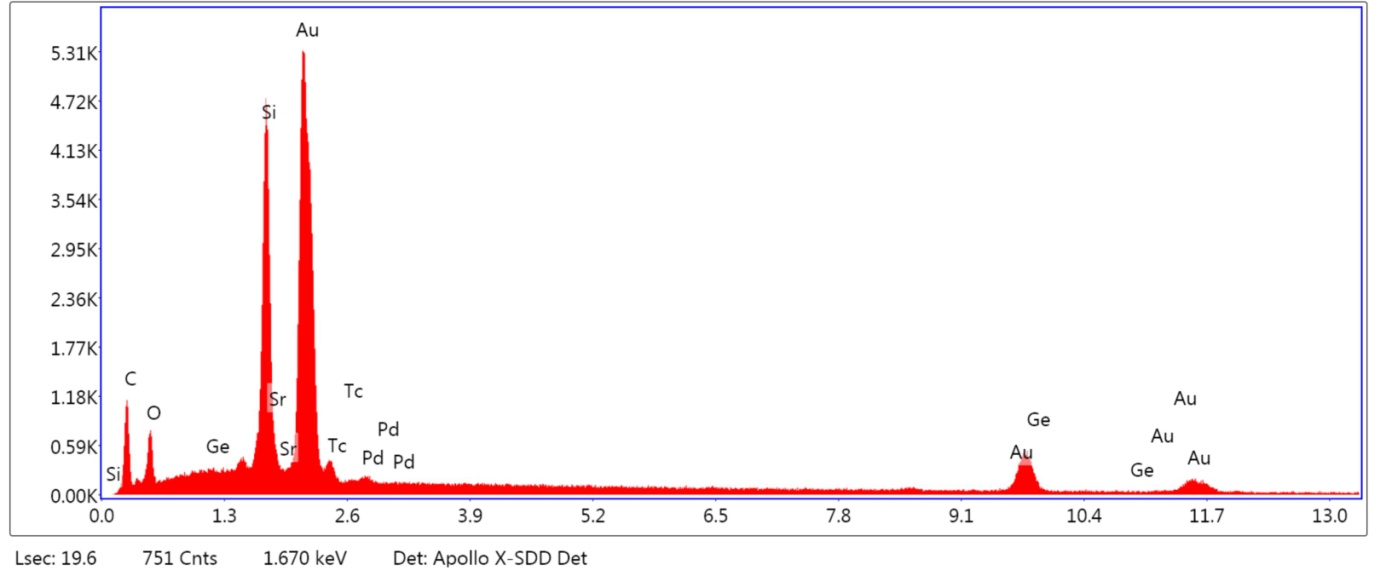
11) Figure 2D – spot 1



12) Figure 2D – spot 2



13) Figure 2D – spot 3



14) Figure 2D – spot 4