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## Mean Intensity (counts)

Acquisition mode	Q3 Only	MS/MS
AuNP signal (50 nm)	266.26	59.46
Dissolved gold signal (2 ug/L)	8.74	2.77

Table S1. ICP-MS acquisition mode optimization

Figure S1: Dwell time optimization from 20 to 1000  $\mu s$ 

