

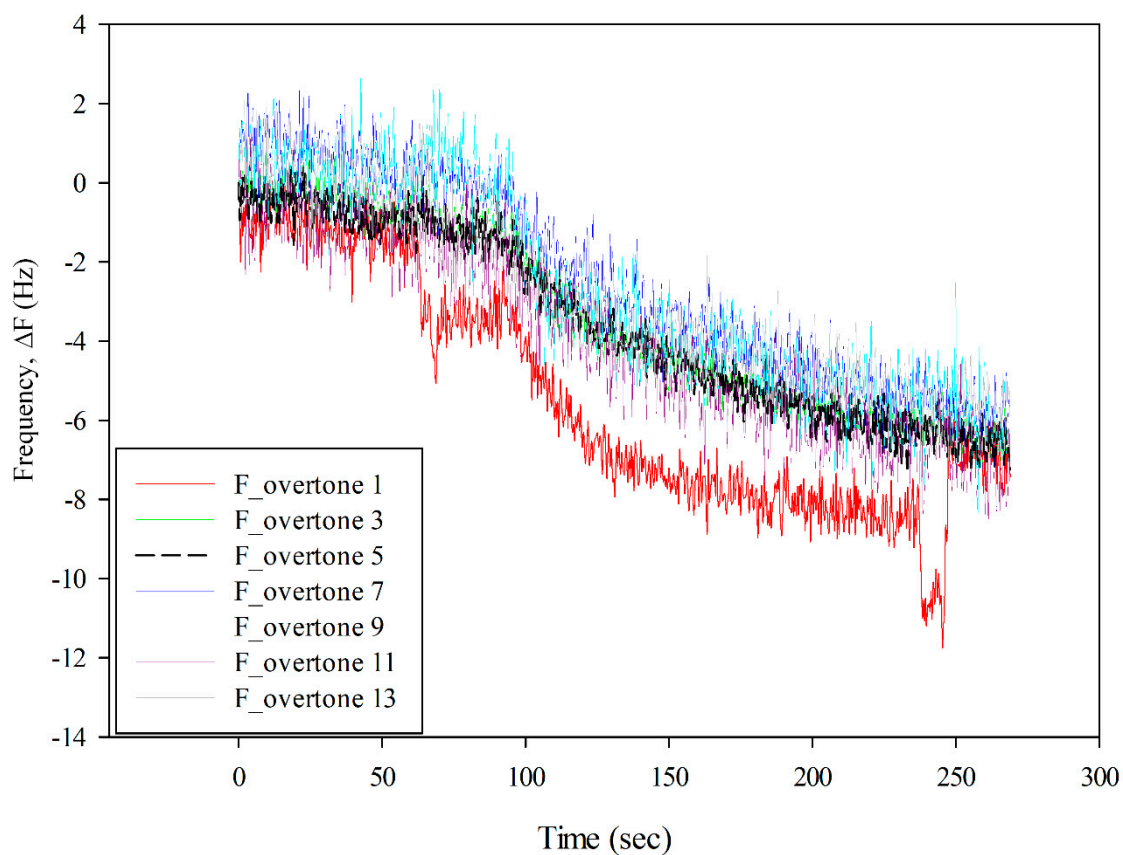


Figure S1. QCM adsorption analysis of seven overtones (1, 3, 5, 7, 9, 11, 13) based on MIP with bacteriophage.

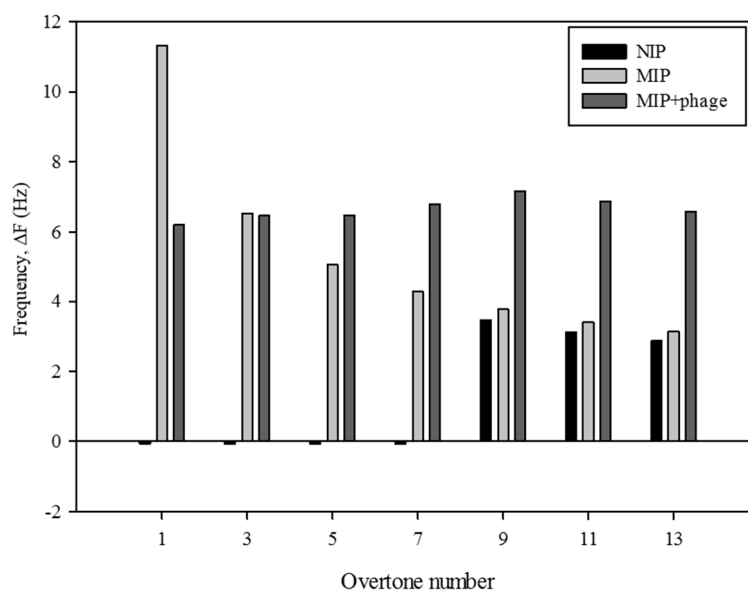


Figure S2. Frequency changes of MIP, NIP, and MIP with phage at seven overtones.

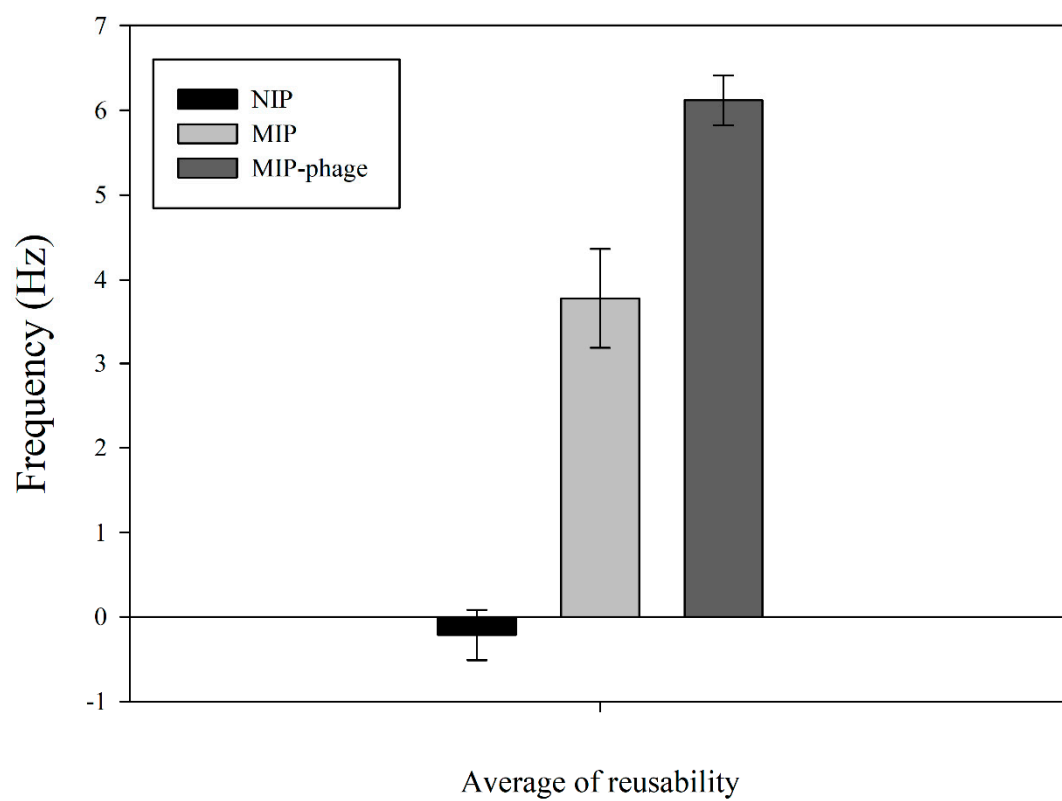


Figure S3. Average of absorption frequency.

[illegible]

Table S2. Negative mode multiple reactions monitoring (MRM) transitions selected for target analyte, CA, and its internal standard, 4-chlorophenylacetic acid, with fragment voltage (FV) and collision energy (CE)

Compound	Mass transition (m/z)	Fragmentor, eV	CE, eV	Usage
Clofibric acid (CA)	213 → 127	68	9	Quantitation
	213 → 85	68	5	Confirmation
4-chlorophenylacetic acid	169 → 125	56	5	Quantitation
	169 → 35	56	13	Confirmation