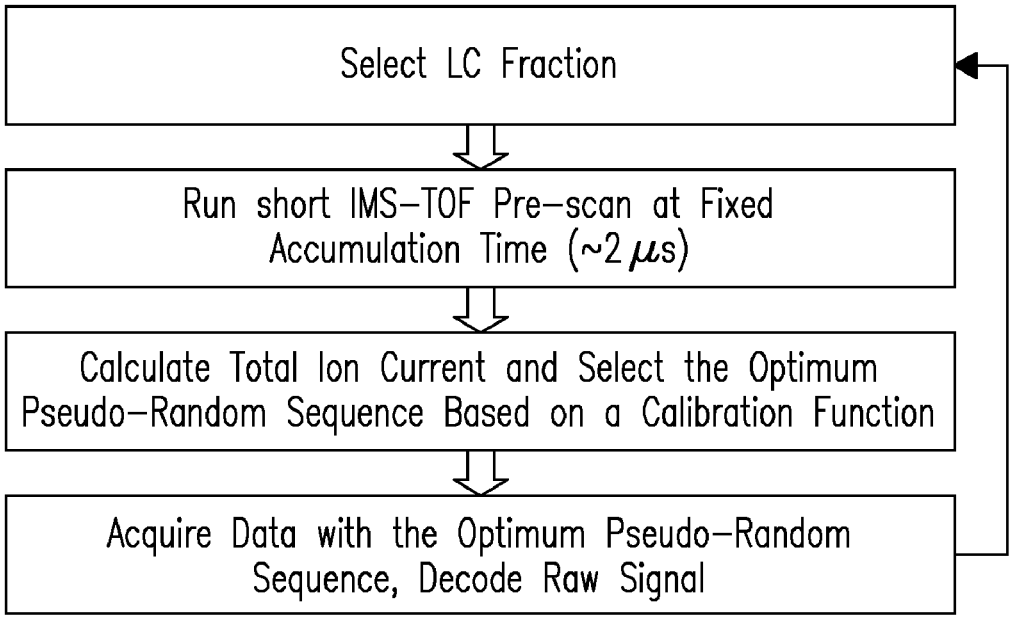
Select LC Fraction
Run short IMS-TOF Pre-scan at Fixed Accumulation Time (~2 μs)
Calculate Total Ion Current and Select the Optimum Pseudo-Random Sequence Based on a Calibration Function
Acquire Data with the Optimum Pseudo-Random Sequence, Decode Raw Signal

Fig. 3