## **Electronic Supplementary Information**

Of

## Micro-Tapered Aperture Nebulization Ionization for Versatile Mass Spectrometry Analysis

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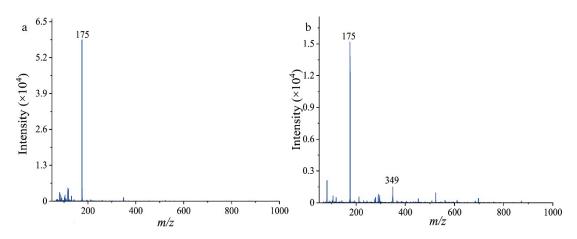
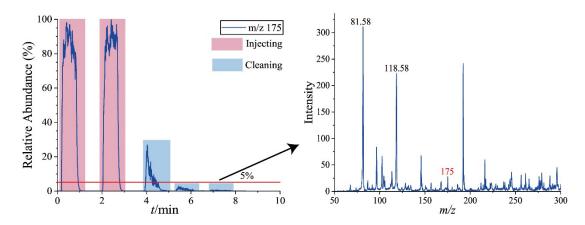


Fig. S1 Typical mass spectra of 10  $\mu g/mL$  L-arginine acquired by (a) ESI and (b) MANI.

Table S1 MANI-MS results for various analytes

Analyte	Concentration $(\mu g \ m L^{-1})$	Ion mode	Average intensity	MW	Parent ion (m/z)
Dioxopromethazine hydrochloride	1	Positive	3.84E4	316.4	317
L-arginine	10	Positive	1.12E4	174.2	175
Aspartame	10	Positive	3.21E3	294.3	295
Girard's reagent T	1	Positive	7.12E3	167.6	132
Caffeine	10	Positive	5.12E3	194.1	195
Reserpine	10	Positive	3.77E3	608.6	609
Repaglinide	10	Positive	3.48E3	452.5	453
Pioglitazone	10	Positive	1.45E4	356.4	357
Metformin	10	Positive	4.11E3	129.1	130
Ciprofloxacin	10	Positive	1.64E4	331.3	332
Levofloxacin	10	Positive	5.22E3	361.3	362
Trinitrotoluene	10	Negative	5.65E1	227.1	226
Valproic acid	1	Negative	3.92E2	144.2	143



**Fig. S2** (a) EIC of L-arginine ion (m/z 175) recorded during a water cleaning process and (b) mass spectrum acquired during the third cleaning step.

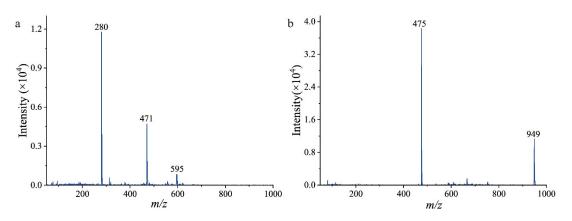


Fig. S3. The mass spectrum of (a) sibutramine in the weight loss drugs and (b) sildenafil in the aphrodisiac.