

## Supplementary Materials: Survey of *Alternaria* Toxins and Other Mycotoxins in Dried Fruits in China

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Table S1. Optimized MRM parameters for mycotoxin analyzed.

Mycotoxins <sup>a</sup>	Ionization mode	Retention Time (min)	Precursor ion (m/z)	Quantitative ion (Collision Energy)	Qualitative ion (Collision energy)	Cone voltage (V)
AME	ESI-	6.85	271.0	256.0 (35)	213.0 (20)	32
PAT	ESI-	2.12	153.0	108.9 (10)	80.9 (12)	10
AOH	ESI+	5.74	259.0	213.2 (20)	185.1 (30)	30
TeA	ESI+	2.45	198.2	125.0 (20)	139.0 (15)	24
TEN	ESI+	6.02	415.2	312.1 (20)	171.5 (20)	17
ALT	ESI+	5.10	293.1	257.0 (14)	239.1 (20)	16
OTA	ESI+	5.54	404.2	239.1 (19)	358.1 (14)	30
OTB	ESI+	4.96	370.2	205.2 (22)	187.1 (36)	32
PA	ESI+	2.92	171.1	125.1 (12)	153.1 (7)	20
DON	ESI+	2.93	297.1	102.0(15)	249.2 (10)	30
Fus-X	ESI+	3.57	355.2	247.1 (15)	229.1 (10)	28
3-AcDON	ESI+	4.22	339.2	231.1 (14)	203.0 (12)	28
15-AcDON	ESI+	4.24	339.2	261.1 (10)	137.0 (20)	30
DAS	ESI+	5.22	367.2	307.2 (10)	289.1 (12)	20
HT-2	ESI+	5.87	442.2	263.1 (20)	105.1 (37)	25
T-2	ESI+	6.28	484.2	305.1 (8)	245.1 (9)	30
MPA	ESI+	5.04	321.0	207.0 (24)	159.0 (30)	22

<sup>a</sup> AME: alternariol monomethyl ether; PAT: patulin; AOH: alternariol; TeA: tenuazonic acid; TEN: tentoxin; ALT: altenuene; OTA: Ochratoxin A; OTB: Ochratoxin B; PA: Penicilic acid; DON: deoxynivalenol; Fus-X: Fusarenon-X; 3-AcDON: 3-Acetyl-Deoxynivalenol; DAS: Diacetoxyscirpenol; MPA: Mycophenolic acid.

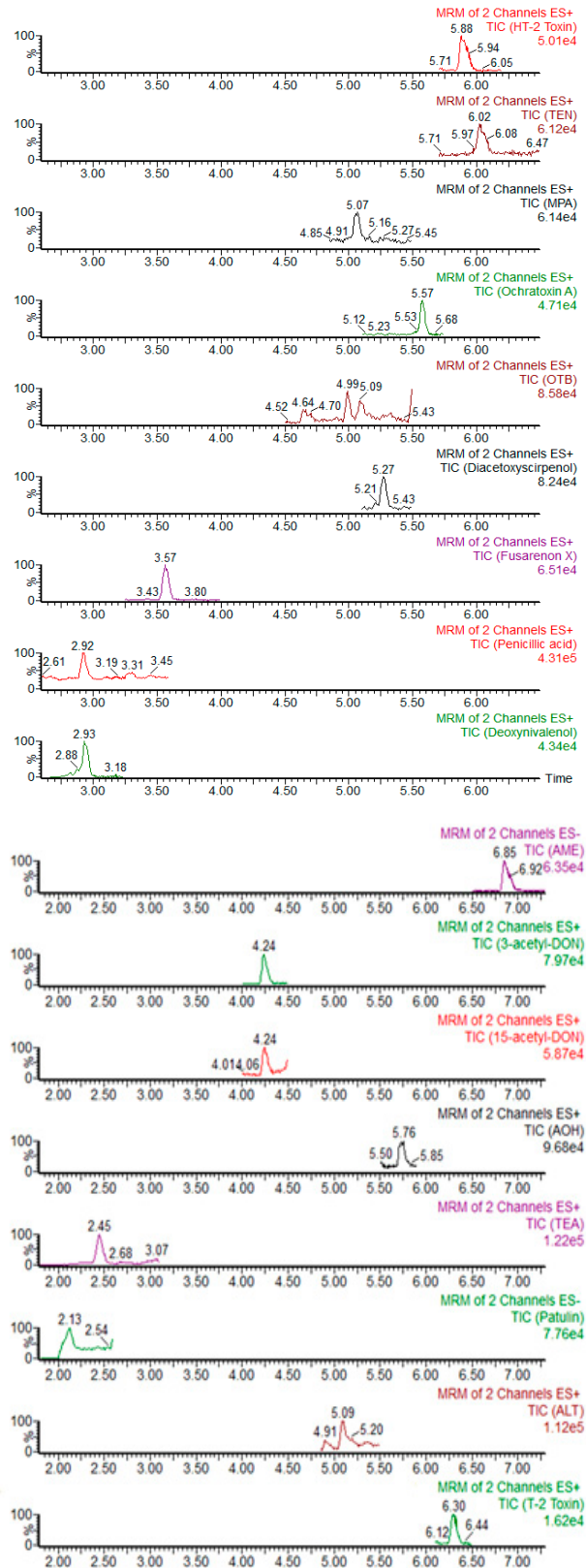
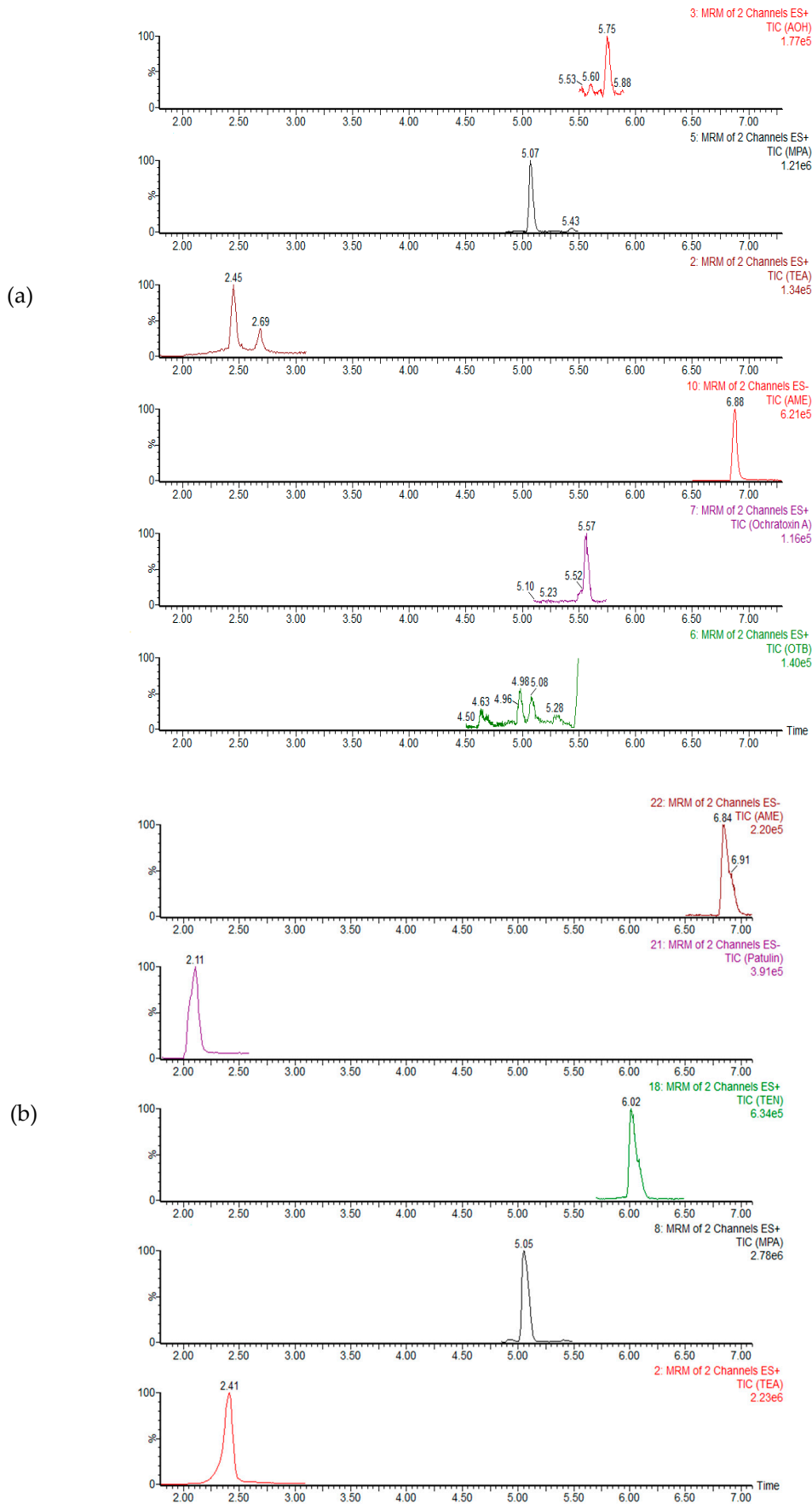
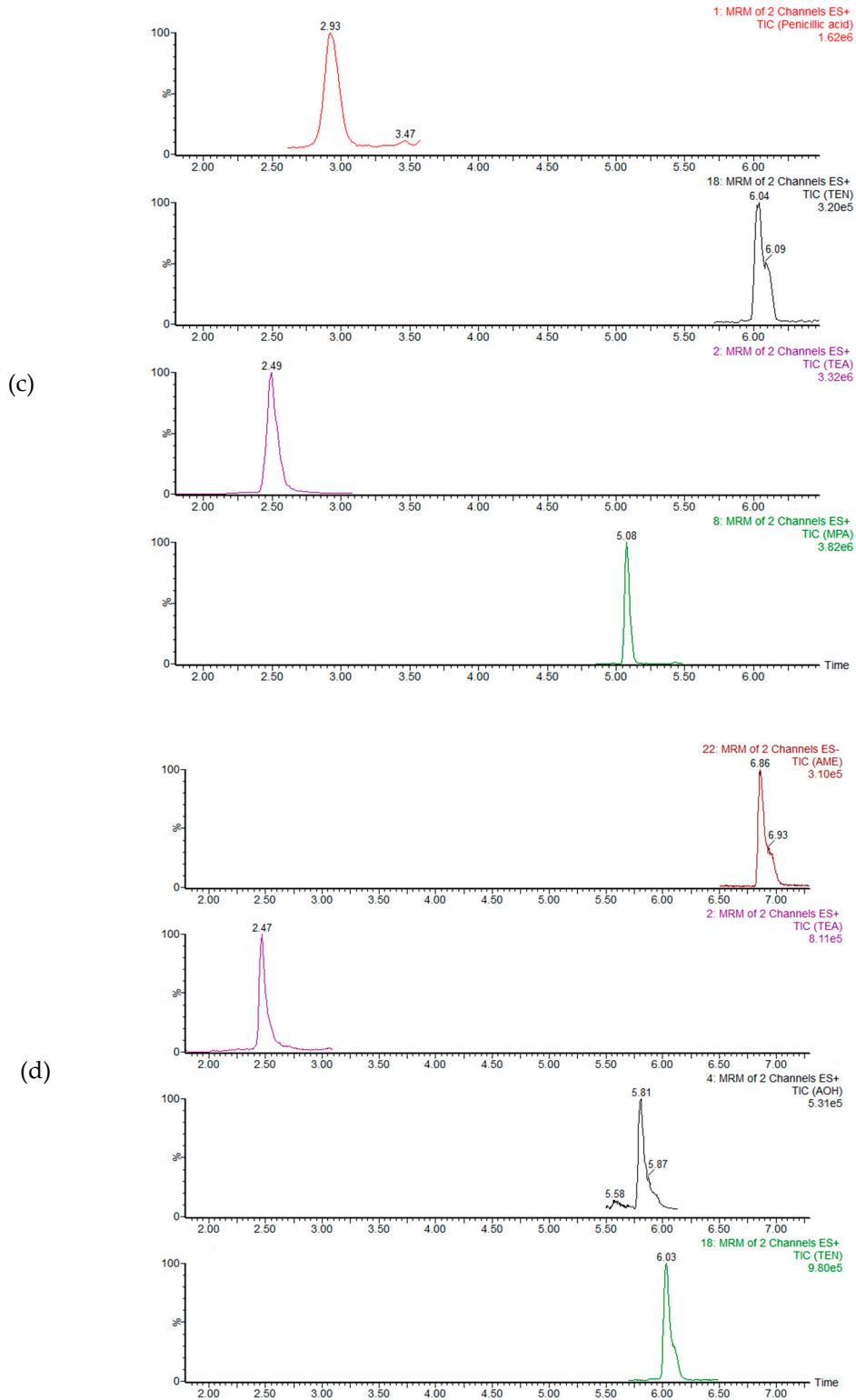


Figure S1. MRM chromatograms for 17 targeted mycotoxins at a LOQ level validated in raisins.





**Figure S2.** MRM chromatograms of naturally contaminated samples. (a) raisins with 1.8 ng mL<sup>-1</sup> for AOH, 2.0 ng mL<sup>-1</sup> for MPA, 5.5 ng mL<sup>-1</sup> for TeA; 1.0 ng mL<sup>-1</sup> for AME, 0.2 ng mL<sup>-1</sup> for OTA and 0.1 ng mL<sup>-1</sup> for OTB; (b) dried apricots with 0.2 ng mL<sup>-1</sup> for AME, 30.6 ng mL<sup>-1</sup> for PAT, 10.3 ng mL<sup>-1</sup> for TEN, 5.0 ng mL<sup>-1</sup> for MPA and 100.5 ng mL<sup>-1</sup> for TeA; (c) dried dates with 20.4 ng mL<sup>-1</sup> for PA, 5.0 ng mL<sup>-1</sup> for TEN, 145.6 ng mL<sup>-1</sup> for TeA and 7.5 ng mL<sup>-1</sup> for MPA; (d) dried wolfberries with 0.6 ng mL<sup>-1</sup> for AME, 145.6 ng mL<sup>-1</sup> for TeA, 5.9 ng mL<sup>-1</sup> for AOH; 5.0 ng mL<sup>-1</sup> for TEN.