



Cite this: *Analyst*, 2020, **145**, 2811

## Correction: Metal salt assisted electrospray ionization mass spectrometry for the soft ionization of GAP polymers in negative ion mode

Theoneste Muyizere,<sup>a</sup> Yajun Zheng,<sup>a</sup> Hongni Liu,<sup>b</sup> Jia Zhao,<sup>a</sup> Jin Li,<sup>a</sup> Xianming Lu,<sup>b</sup> Daniel E. Austin<sup>c</sup> and Zhiping Zhang<sup>\*a</sup>

DOI: 10.1039/d0an90027c

[rsc.li/analyst](https://rsc.li/analyst)

Correction for 'Metal salt assisted electrospray ionization mass spectrometry for the soft ionization of GAP polymers in negative ion mode' by Theoneste Muyizere *et al.*, *Analyst*, 2020, **145**, 34–45.

The authors regret that the caption and note for Table 2 were incorrect in the original article. The correct version of Table 2 is shown below.

**Table 2** Comparison of the observed peaks in the systems with various chloride salts and related parameters in negative ion mode

Chloride	NaNO <sub>3</sub> or not	Series	Composition	Observed peaks	<i>M<sub>n</sub></i>	<i>M<sub>w</sub></i>	PDI
	Basic unit		<i>M</i> <sub>1</sub>	486, 585, 684, 783, 882, 981, 1080, 1179, 1278, 1377			
NaCl	N-with	C	[ <i>M</i> <sub>1</sub> + Cl] <sup>−</sup>	<i>m/z</i> 620, 719, 818, 917, 1016, 1115, 1214, 1313, 1412, 1511, 1610, 1709	987.2	1031.8	1.045
KCl	N-with	C	[ <i>M</i> <sub>1</sub> + Cl] <sup>−</sup>	<i>m/z</i> 521, 620, 719, 818, 917, 1016, 1115, 1214, 1313, 1412, 1511, 1610, 1709	987.9	1032.6	1.045
RbCl	N-with	C	[ <i>M</i> <sub>1</sub> + Cl] <sup>−</sup>	<i>m/z</i> 521, 620, 719, 818, 917, 1016, 1115, 1214, 1313, 1412, 1511, 1610, 1709	949.3	996.1	1.049
	Basic unit		<i>M</i> <sub>2</sub>	<i>m/z</i> 414, 513, 612, 711, 810, 909, 1008, 1107, 1206			
NaCl	N-with	A	[ <i>M</i> <sub>2</sub> + Cl] <sup>−</sup>	<i>m/z</i> 548, 647, 746, 845, 944, 1043, 1142, 1241, 1340, 1439, 1538	816.6	858.0	1.051
KCl	N-with	A	[ <i>M</i> <sub>2</sub> + Cl] <sup>−</sup>	<i>m/z</i> 449, 548, 647, 746, 845, 944, 1043, 1142, 1241, 1340, 1439, 1538	796.8	843.5	1.059
RbCl	N-with	A	[ <i>M</i> <sub>2</sub> + Cl] <sup>−</sup>	<i>m/z</i> 449, 548, 647, 746, 845, 944, 1043, 1142, 1241, 1340, 1439, 1538	789.5	825.3	1.045
	Basic unit		<i>M</i> <sub>3</sub>	442, 541, 640, 739			
NaCl	N-with	B	[ <i>M</i> <sub>3</sub> + Cl] <sup>−</sup>	<i>m/z</i> 576, 675, 774, 873, 972	736.6	759.2	1.031
KCl	N-with	B	[ <i>M</i> <sub>3</sub> + Cl] <sup>−</sup>	<i>m/z</i> 477, 576, 675, 774, 873, 972	695.9	736.2	1.058
RbCl	N-with	B	[ <i>M</i> <sub>3</sub> + Cl] <sup>−</sup>	<i>m/z</i> 477, 576, 675, 774, 873, 972, 1071	730.5	754.7	1.033
	Basic unit		<i>M</i> <sub>4</sub>	756, 855, 954, 1053, 1152, 1251			
NaCl	N-with	D	[ <i>M</i> <sub>4</sub> + Cl] <sup>−</sup>	<i>m/z</i> 791, 890, 989, 1088, 1187, 1286, 1385, 1484, 1583, 1682	1206.8	1249.5	1.035
KCl	N-with	D	[ <i>M</i> <sub>4</sub> + Cl] <sup>−</sup>	<i>m/z</i> 890, 989, 1088, 1187, 1286, 1385, 1484, 1583, 1682	1204.2	1239.5	1.029
RbCl	N-with	D	[ <i>M</i> <sub>4</sub> + Cl] <sup>−</sup>	<i>m/z</i> 890, 989, 1088, 1187, 1286, 1385, 1484, 1583, 1682	1256.2	1301.2	1.036

"N-with" means "negative ion mode and with chloride salt".

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

<sup>a</sup>School of Chemistry and Chemical Engineering, Xi'an Shiyou University, Xi'an 710065, China. E-mail: zhangzp0304@gmail.com; Fax: +8629 8838 2693; Tel: +86 29 8838 2694

<sup>b</sup>Xi'an Modern Chemistry Research Institute, Xi'an 710065, China

<sup>c</sup>Department of Chemistry and Biochemistry, Brigham Young University, Provo, Utah 84602, USA

