

## Commonly observed ESI contaminant, polymer & cluster peaks

<i>Ion mass (Da)</i>	<i>Ion Mode</i>	<i>Notes</i>	<i>Ref</i>
+18n	+ / -	Water clusters	a
+32n	+	Methanol clusters	a
+41n	+	Acetonitrile clusters	a
+44n	+	Polyethylene glycol related (-CH <sub>2</sub> CH <sub>2</sub> O-) <sub>n</sub>	a
+53n	+	Ammonium chloride adducts (NH <sub>4</sub> Cl)	a
+58n	+	Polypropylene glycol related (CH <sub>2</sub> CH <sub>2</sub> CH <sub>2</sub> O) <sub>n</sub>	a
+58n	+	NaCl adducts (distinguishable from PPG by Cl isotope pattern)	a
+63n	+	Ammonium formate adducts (HCOONH <sub>4</sub> )	a
+68n	+ / -	Sodium formate adducts (HCOO-Na)	a
+72n	+	Replacement of -OH by -OSi(CH <sub>3</sub> ) <sub>3</sub>	a
+74n	+ / -	Polysiloxanes (Si(CH <sub>3</sub> ) <sub>2</sub> O)	a
+74n	+	KCl adducts (distinguishable by Cl isotope pattern)	a
+77n	+	Ammonium acetate salts (CH <sub>3</sub> COONH <sub>4</sub> )	a
+78n	+	DMSO adducts	a
+82n	+ / -	Sodium acetate adducts (CH <sub>3</sub> COONa)	a
+114n	-	TFA (trifluoroacetic acid) adducts (CF <sub>3</sub> COOH)	a
+122n	-	Sodium perchlorate adducts	a
+136n	+ / -	Sodium TFA (trifluoroacetic acid) adducts (CF <sub>3</sub> COONa)	a
+162n	+	Polysaccharides	a
+288n	-	SDS (sodium dodecylsulfate) adducts	a
231, 522, 550	+	From rubber tip of disposable syringe plunger	a
297, 371, 445, 519 (+74n)	+	Polysiloxanes, from air, silicone rubber	c
355, 429, 503, 593, 667, 741, 815 (+74n)	+	Polysiloxanes, from air, silicone rubber	a
391, 413	+	Diocetyl phtalate & sodium salt	c
538, 556, 574	+	Iron carboxylate complexes: 538 = Fe <sub>3</sub> O(AcO) <sub>6</sub> , 556 = Fe <sub>3</sub> O(AcO) <sub>6</sub> (H <sub>2</sub> O), 574 = Fe <sub>3</sub> O(AcO) <sub>6</sub> (H <sub>2</sub> O) <sub>2</sub>	b

<sup>a</sup> Tong, Bell, Tabei, Siegel, *JASMS* **1999**, 10, 1174-1187.

<sup>b</sup> Ijames, Dutky, Fales, *JASMS* **1995**, 7, 1226-1231.

<sup>c</sup> unpublished

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