

## MS/MS Parameters of Pesticides

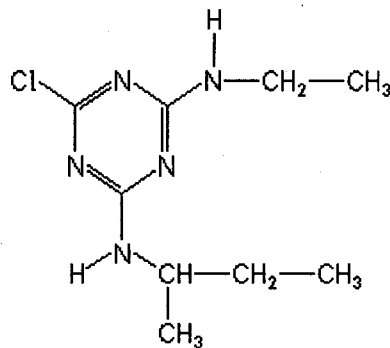
### Analyte: Sebuthylazine

CAS No.: 7286-69-3

Formula: C<sub>9</sub>H<sub>16</sub>ClN<sub>5</sub>

Molecular mass (lowest isotopes): 229,11 amu

Structure:



Ionisation: ESI +

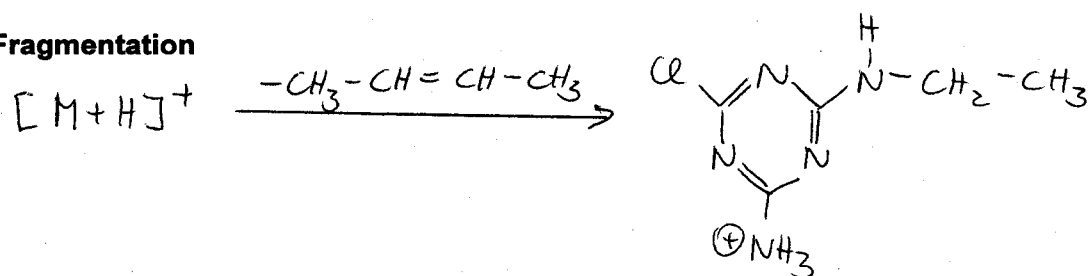
Quasimolecular ion: 230,1 amu = [M+H]<sup>+</sup>

Analyte sensitive parameter set (API 2000)

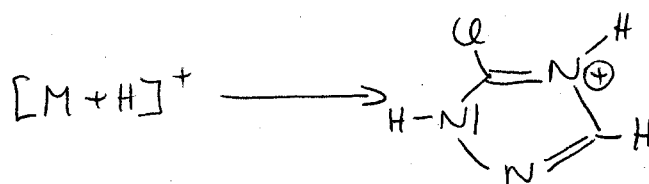
Transition	230,1 → 174,2	230,1 → 104,2
Declustering potential (DP) <sup>*)</sup>	26V	26 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	11,5 V	11 V
Collision cell entrance potential (CEP)	14 V	14 V
Collision energy (CE)	25 V	41 V
Collision cell exit potential (CXP)	8 V	4 V

<sup>\*)</sup> For API 3000 and 4000 enhance DP by 20V

### Fragmentation



m/z 174/176



m/z 104/106

■ +Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20050131092213.wiff (Turbo Spray)

Max. 3.4e8 cps

