

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

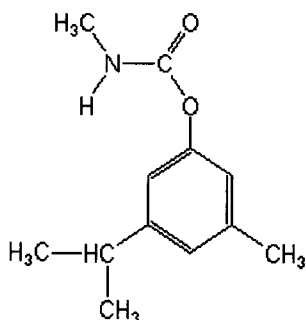
Analyte: Promecarb

CAS No.: 2631-37-0

Formula: C₁₂H₁₇NO₂

Molecular mass (lowest isotopes): 207,13 amu

Structure:



Ionisation: ESI +

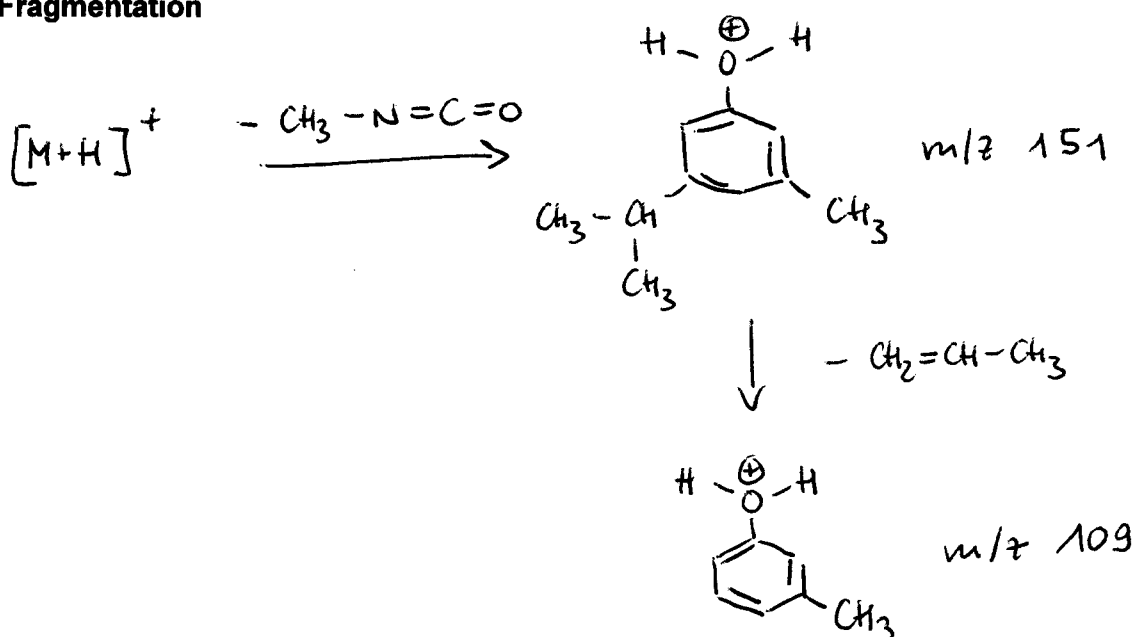
Quasimolecular ion: 208,1 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

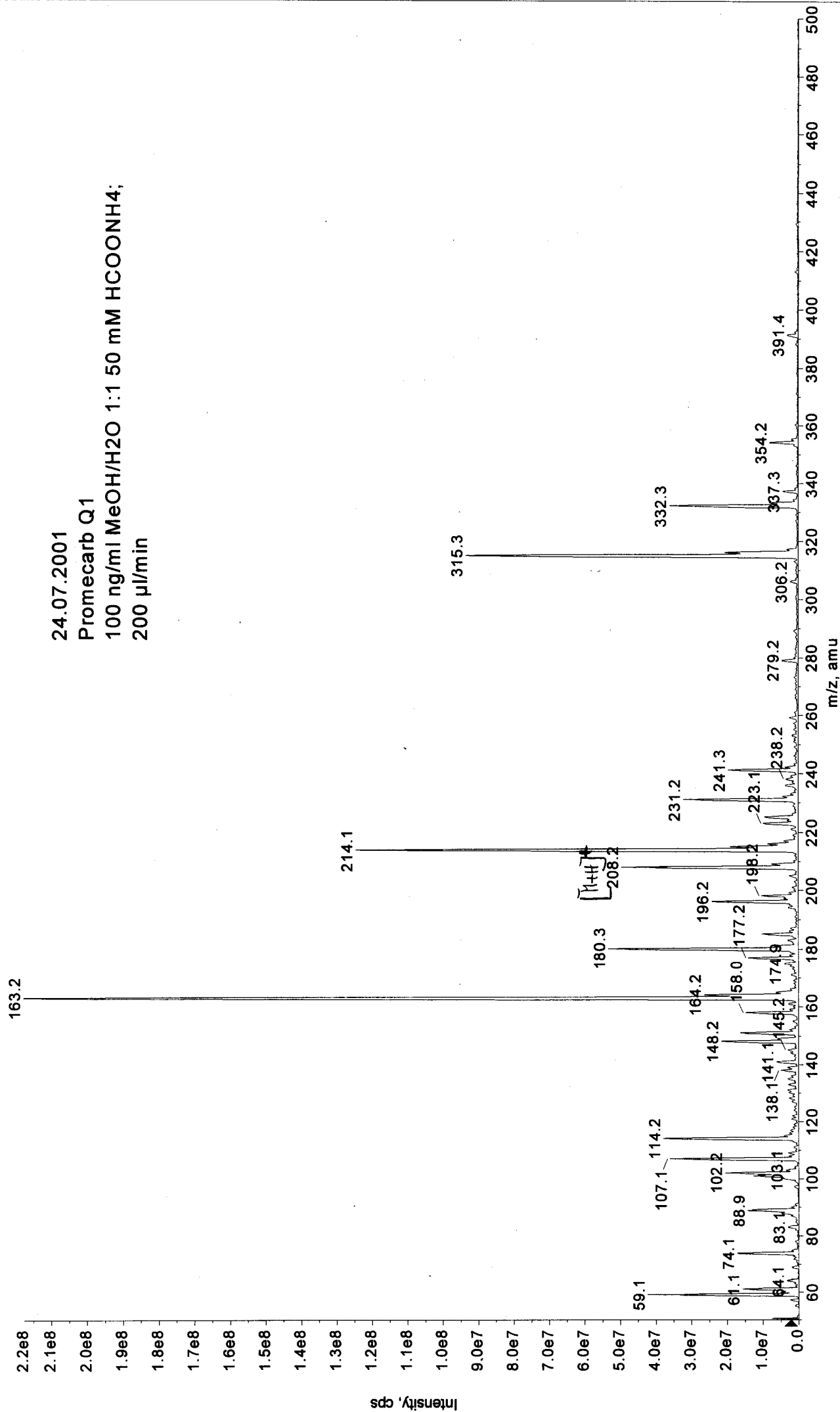
Transition	208,1 → 108,9	208,1 → 150,9
Declustering potential (DP) ^{*)}	11 V	11 V
Focusing potential (FP)	360 V	360 V
Entrance potential (EP)	10,5 V	10,5 V
Collision cell entrance potential (CEP)	16 V	16 V
Collision energy (CE)	21 V	13 V
Collision cell exit potential (CXP)	6 V	8 V

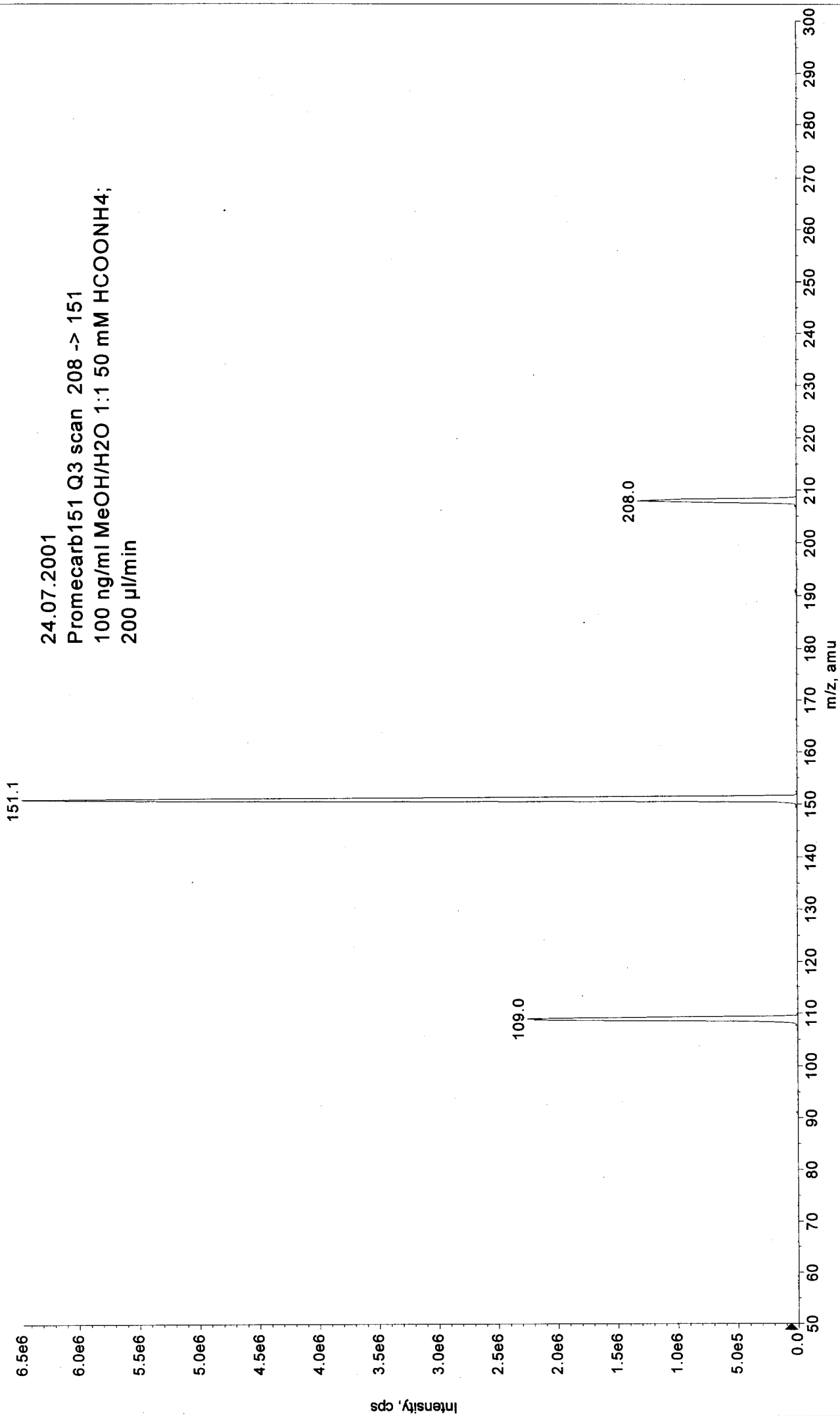
^{*)} For API 3000 and 4000 enhance DP by 20V

Fragmentation



24.07.2001
Promecarb Q1
100 ng/ml MeOH/H₂O 1:1 50 mM HCOONH₄;
200 µl/min





24.07.2001
Promecarb Q3 208 -> 109
100 ng/ml MeOH/H2O 1:1 50 mM HCOONH4;
200 µl/min

