

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

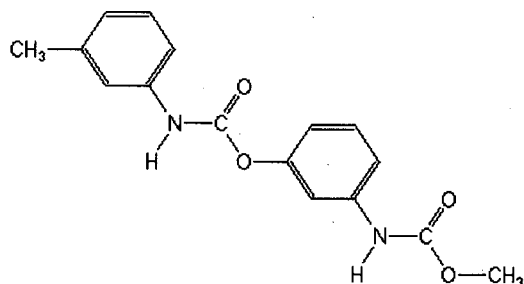
Analyte: Phenmedipham

CAS No.: 13684-63-4

Formula: C₁₆H₁₆N₂O₄

Molecular mass (lowest isotopes): 300,11 amu

Structure:



Ionisation: ESI +

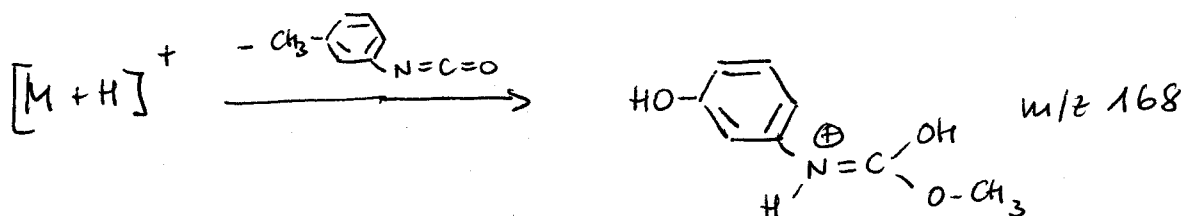
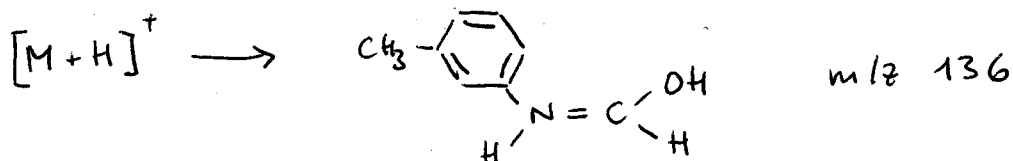
Quasimolecular ion: 301,1 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

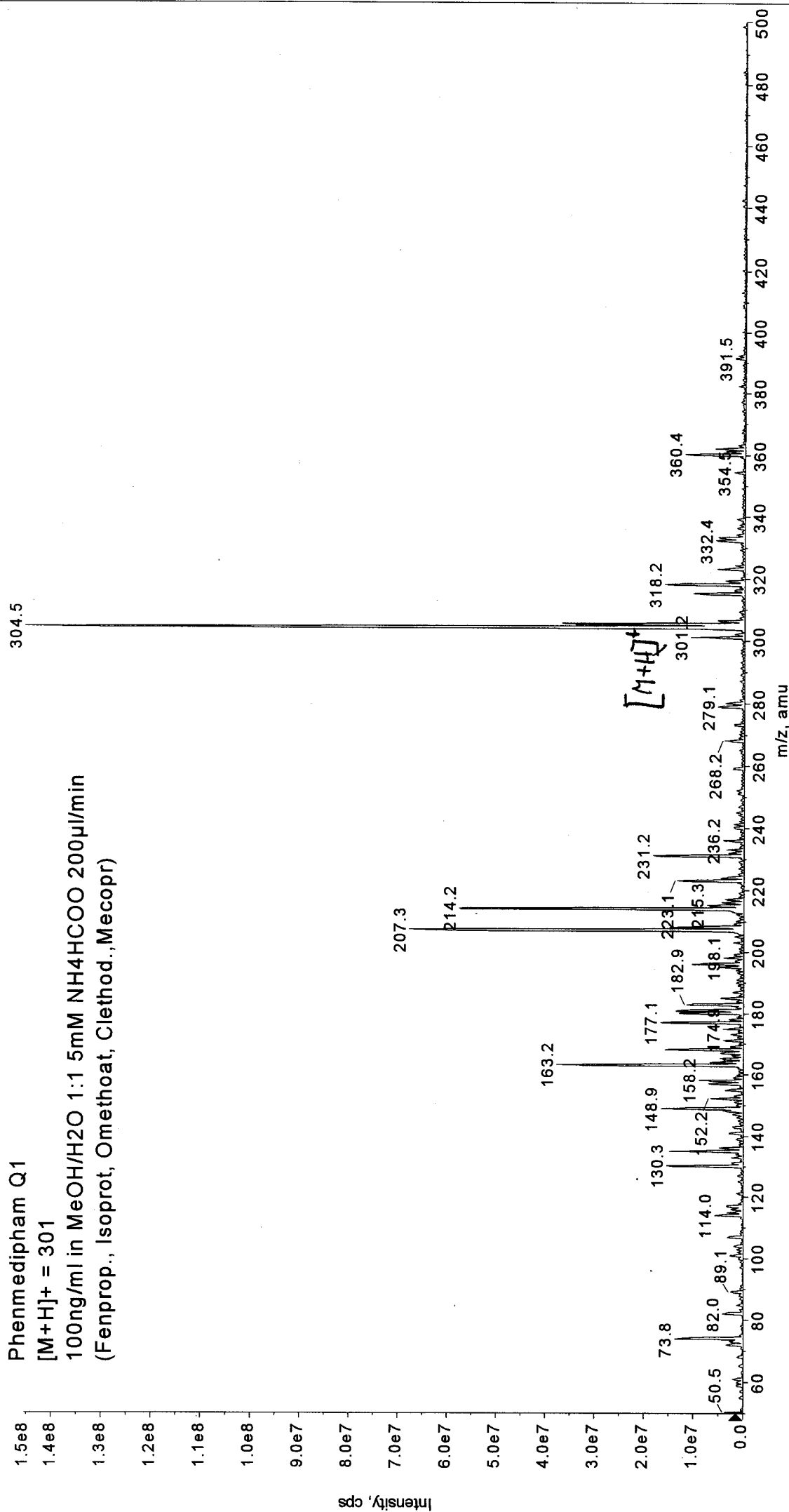
Transition	301,1 → 136,1	301,1 → 168,0
Declustering potential (DP)*	56 V	56 V
Focusing potential (FP)	280 V	360 V
Entrance potential (EP)	12,0 V	11,0 V
Collision cell entrance potential (CEP)	24 V	20 V
Collision energy (CE)	25 V	15 V
Collision cell exit potential (CXP)	8 V	8 V

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

Fragmentation



*Q1: 30 MCA scans from Sample 1 of MT20020125114833.wiff Max: 1.5e8 cps



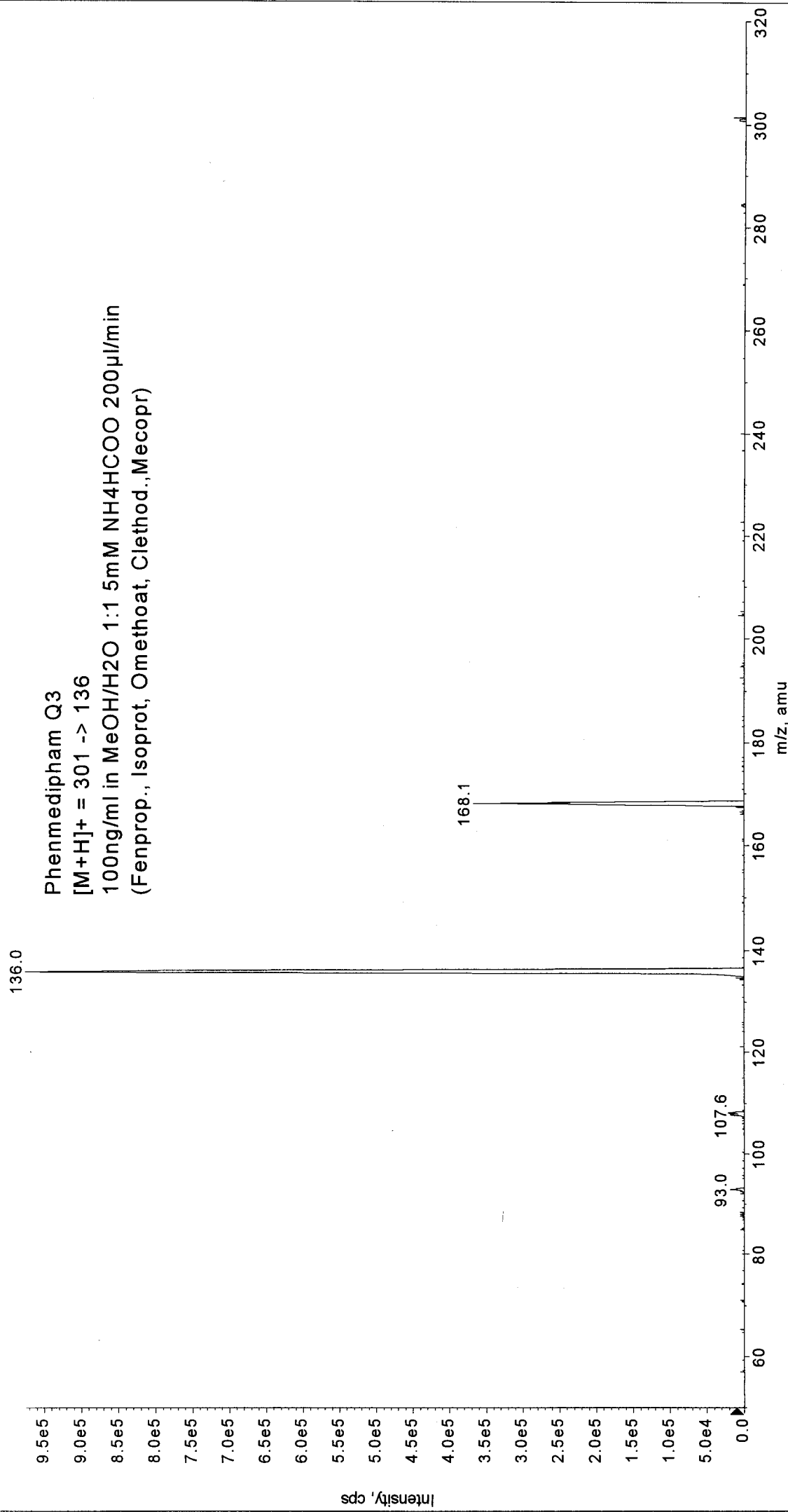
Printing Date: 25 January 2002
Printing Time: 11:51:42

Acq. Date: Friday, January 25, 2002
Acq. Time: 11:50
Acq. File: MT20020125115037.wiff

Sample Comment:
Sample Name:
Batch Name: n/a

+Product (301.0): 30 MCA scans from Sample 1 of MT20020125115037.wiff

Max 9.8e5 cps



#Product (301.0): 30 MCA scans from Sample 1 of MT20020125115531.wiff

Max 1.5e6 cps

