

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

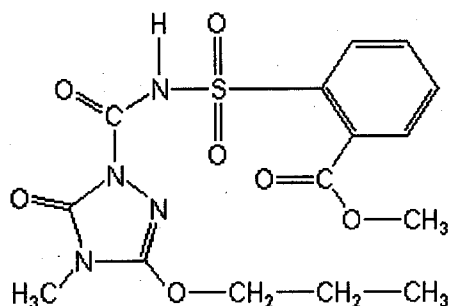
Analyte: Propoxycarbazone

CAS No.: 145026-81-9

Formula: C₁₅H₁₈N₄O₇S

Molecular mass (lowest isotopes): 398,09 amu

Structure:



Ionisation: ESI +

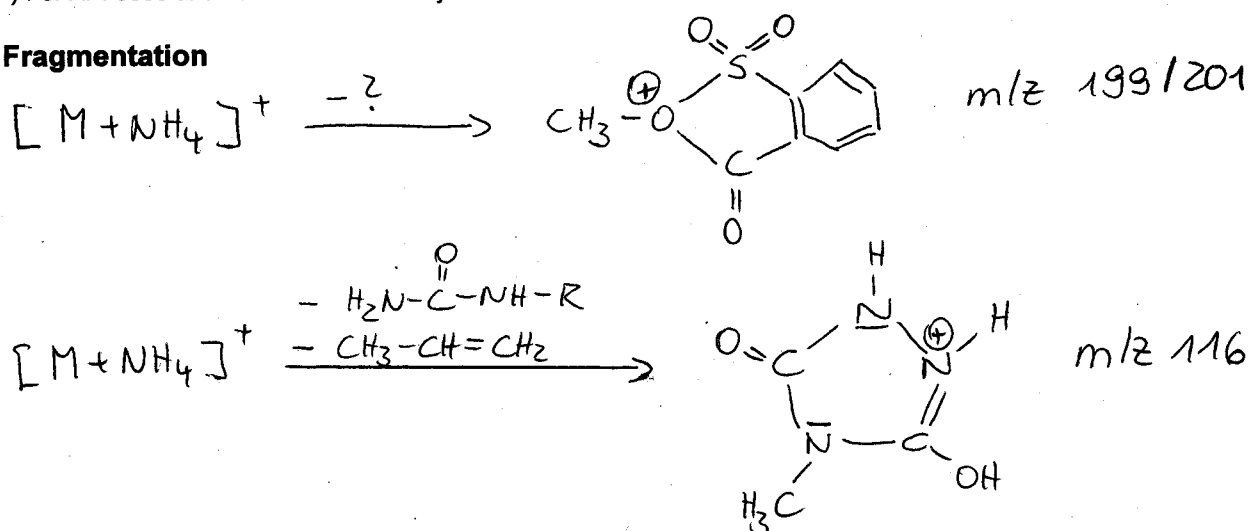
Quasimolecular ion: 416,1 amu = [M+NH₄]⁺

Analyte sensitive parameter set (API 2000)

Transition	416,1 → 116,0	416,1 → 199,1
Declustering potential (DP)*)	6V	6V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	10 V	10 V
Collision cell entrance potential (CEP)	24 V	24 V
Collision energy (CE)	41 V	23 V
Collision cell exit potential (CXP)	6 V	10 V

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

Fragmentation



Printing Time: 13:24:10

Printing Date: Thursday, February 17, 2005

Acq. Time: 13:19

Acq. Date: Thursday, February 17, 2005

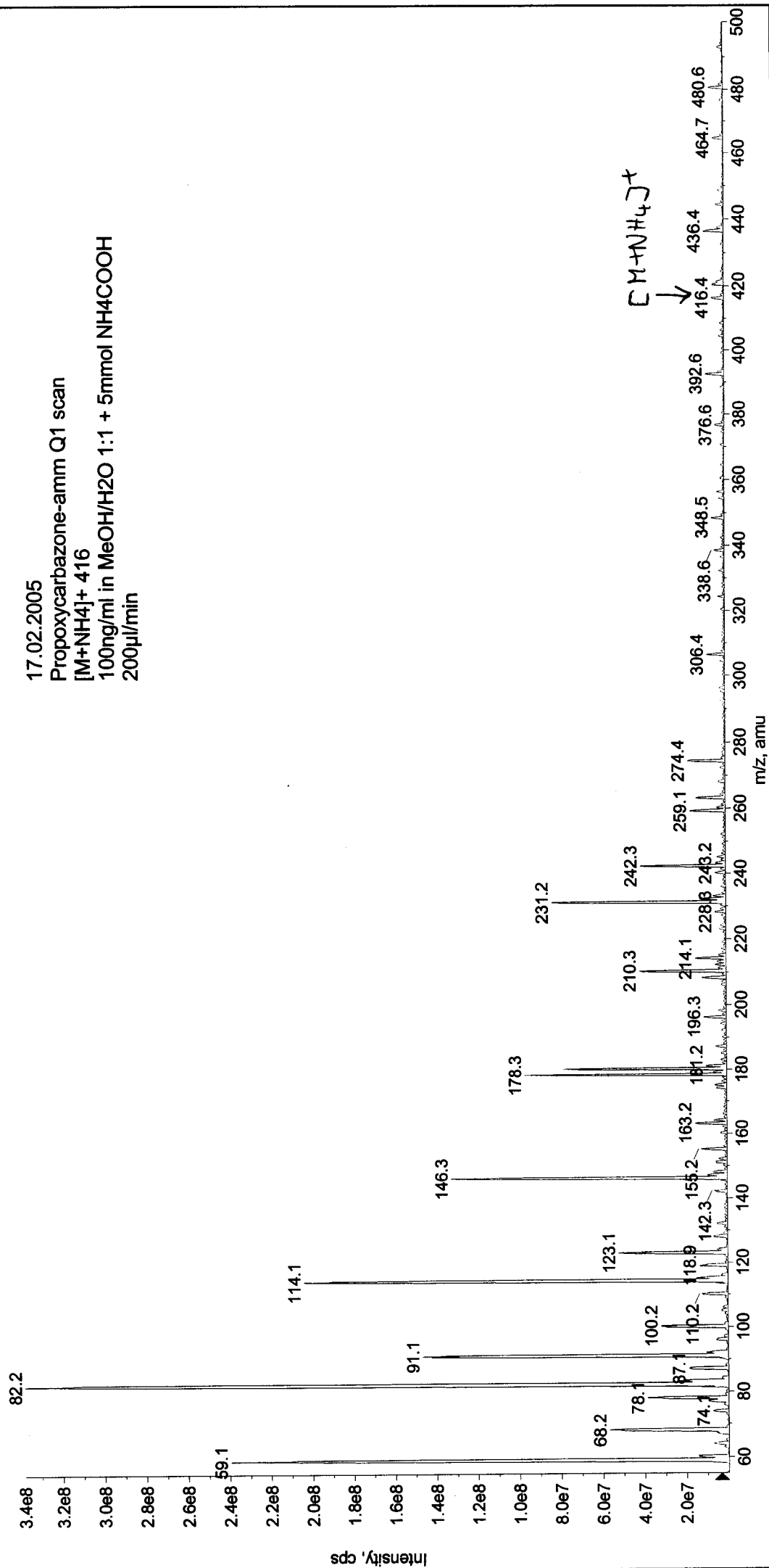
Acq. File: MT20050217131906.wiff

Sample Comment:
Sample Name: TuneSampleID
Batch Name: ManualTune.bat

■ +Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20050217131906.wiff (Turbo Spray)

Max. 3.4e8 cps.

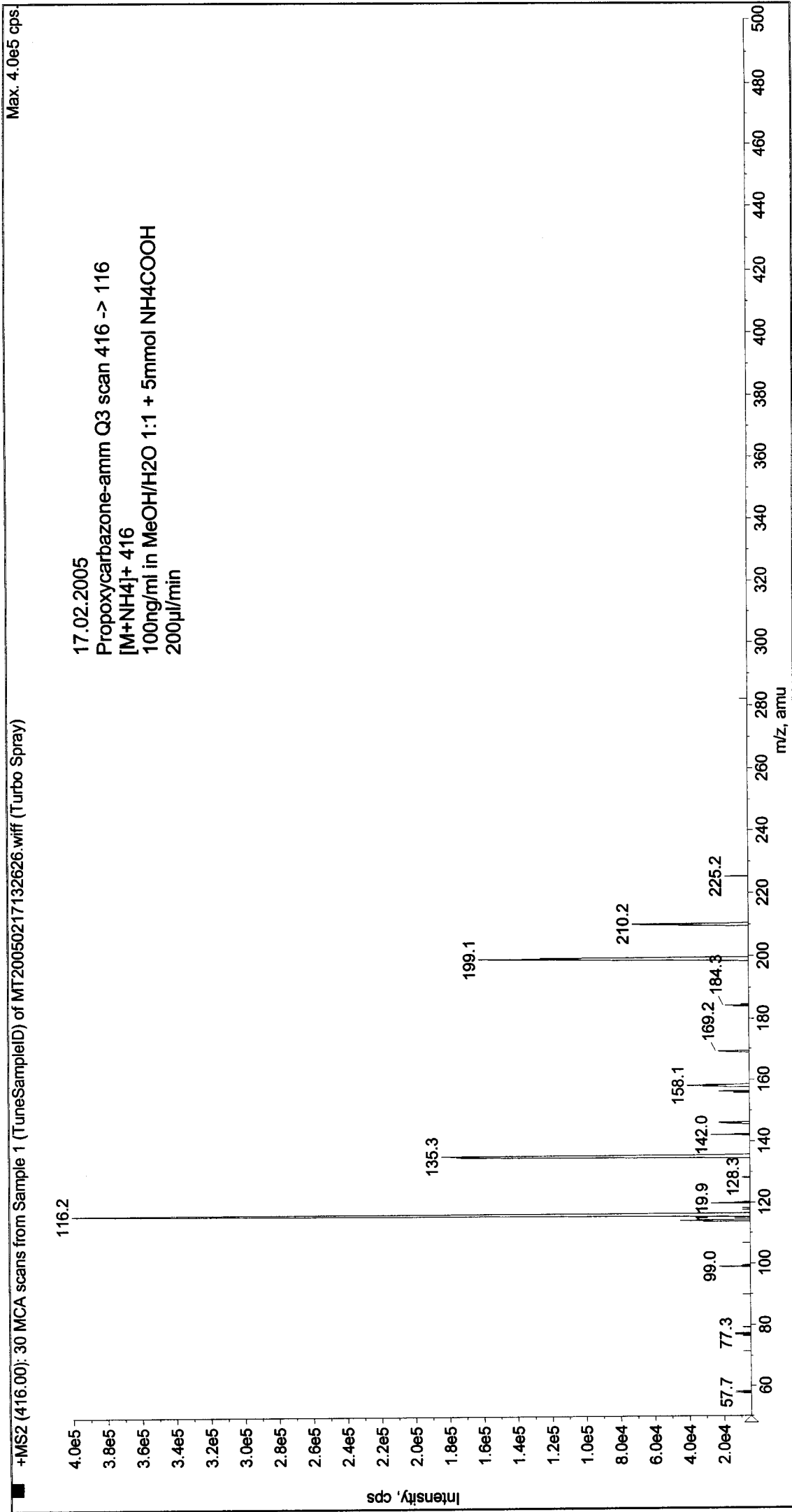
17.02.2005
Propoxycarbazono-amm Q1 scan
[M+NH₄]⁺ 416
100ng/ml in MeOH/H₂O 1:1 + 5mmol NH₄COOH
200µl/min



Printing Time: 13:28:03
Printing Date: Thursday, February 17, 2005

Acq. Time: 13:26
Acq. Date: Thursday, February 17, 2005
Acq. File: MT20050217132626.wiff

Sample Comment:
Sample Name: TuneSampleID
Batch Name: ManualTune.bat



Printing Time: 13:29:18

Printing Date: Thursday, February 17, 2005

Acq. Time: 13:28

Acq. Date: Thursday, February 17, 2005

Acq. File: MT20050217132817.wiff

Sample Comment:

Sample Name: TuneSampleID

Batch Name: ManualTune.bat

Max. 3.6e4 cps

+MS2 (418.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20050217132817.wiff (Turbo Spray)

17.02.2005
Propoxycarbazono-amm Q3 scan von 418
[M+NH4]⁺ 416
100ng/ml in MeOH/H₂O 1:1 + 5mmol NH₄COOH
200µl/min

