

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

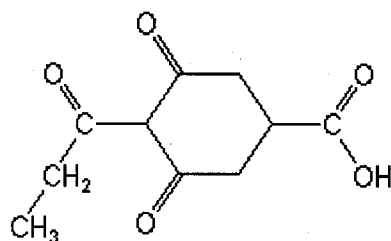
Analyte: Prohexadione

CAS No.: 88805-35-0

Formula: C₁₀H₁₂O₅

Molecular mass (lowest isotopes): 212,07 amu

Structure:



Ionisation: ESI -

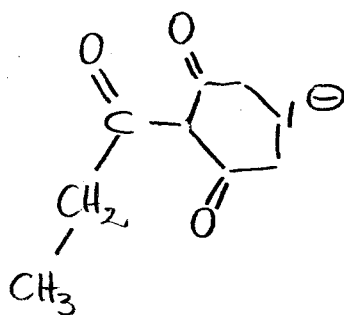
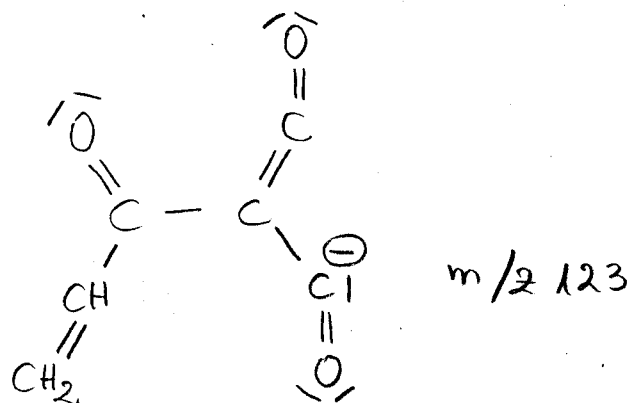
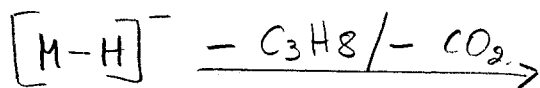
Quasimolecular ion: 211,1 amu = [M-H]⁻

Analyte sensitive parameter set (API 2000)

Transition	211,1 → 123,1	211,1 → 166,9
Declustering potential (DP) ^{*)}	-21V	-21 V
Focusing potential (FP)	-320 V	-330 V
Entrance potential (EP)	-9,5 V	-10,0 V
Collision cell entrance potential (CEP)	-20 V	-16 V
Collision energy (CE)	-16 V	-16 V
Collision cell exit potential (CXP)	-8 V	-12 V

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

Fragmentation



Printing Time: 11:52:31

Printing Date: Tuesday, August 17, 2004

Acq. Time: 10:24

Acq. Date: Tuesday, August 17, 2004

Acq. File: MT20040817102419.wiff

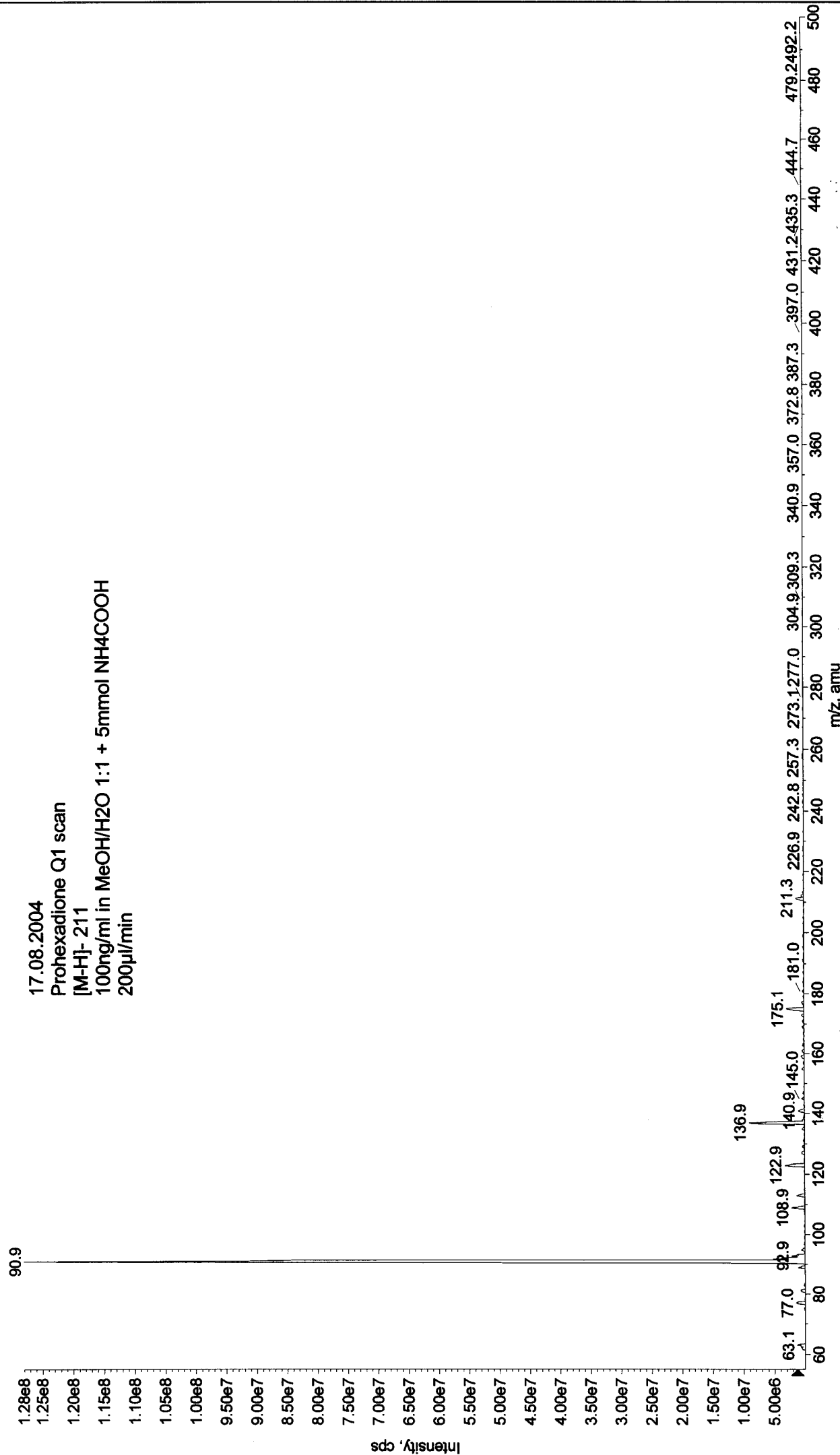
Sample Comment:

Sample Name: TuneSampleID

Batch Name: ManualTune.bat

Max. 1.3e8 cps

-Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040817102419.wiff (Turbo Spray)



Printing Time: 11:59:39

Printing Date: Tuesday, August 17, 2004

Acq. Time: 11:53

Acq. Date: Tuesday, August 17, 2004

Acq. File: MT20040817115349.wiff

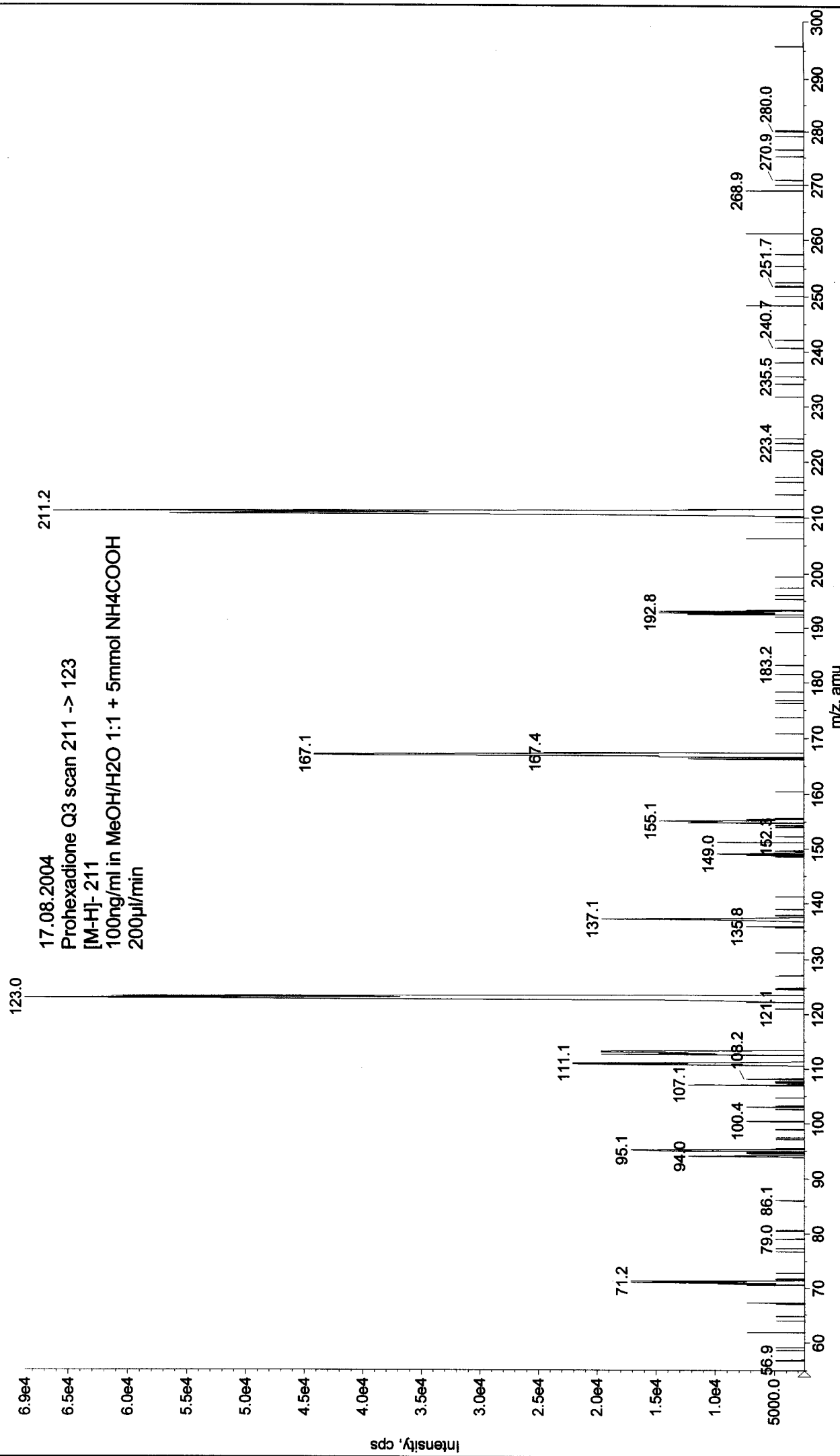
Sample Comment:

Sample Name: TuneSampleID

Batch Name: ManualTune.bat

Max. 6.9e4 cps

-MS2 (211.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040817115349.wiff (Turbo Spray)



Max. 1.1e5 cps

-MS2 (211.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040817120611.wiff (Turbo Spray)

