

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

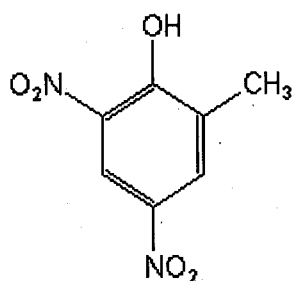
Analyte: DNOC

CAS No.: 534-52-1

Formula: C₇H₆N₂O₅

Molecular mass (lowest isotopes): 198,03 amu

Structure:



Ionisation: ESI -

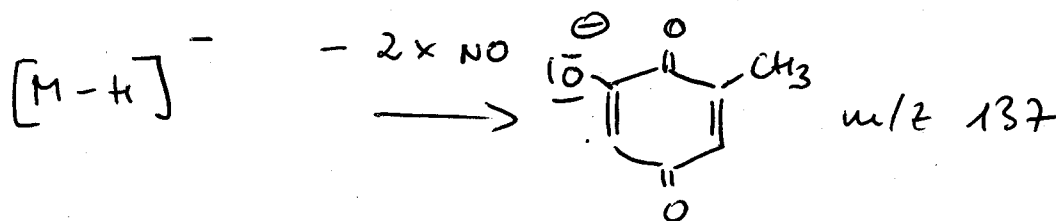
Quasimolecular ion: 197,0 amu = [M-H]⁻

Analyte sensitive parameter set (API 2000)

Transition	197,0 → 137,0	197,0 → 108,8
Declustering potential (DP) ^{*)}	-24V	-24 V
Focusing potential (FP)	-330 V	-330 V
Entrance potential (EP)	-10,5 V	-10,0 V
Collision cell entrance potential (CEP)	-16 V	-16 V
Collision energy (CE)	-24 V	-28 V
Collision cell exit potential (CXP)	-10 V	-20 V

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

Fragmentation



m/z 109

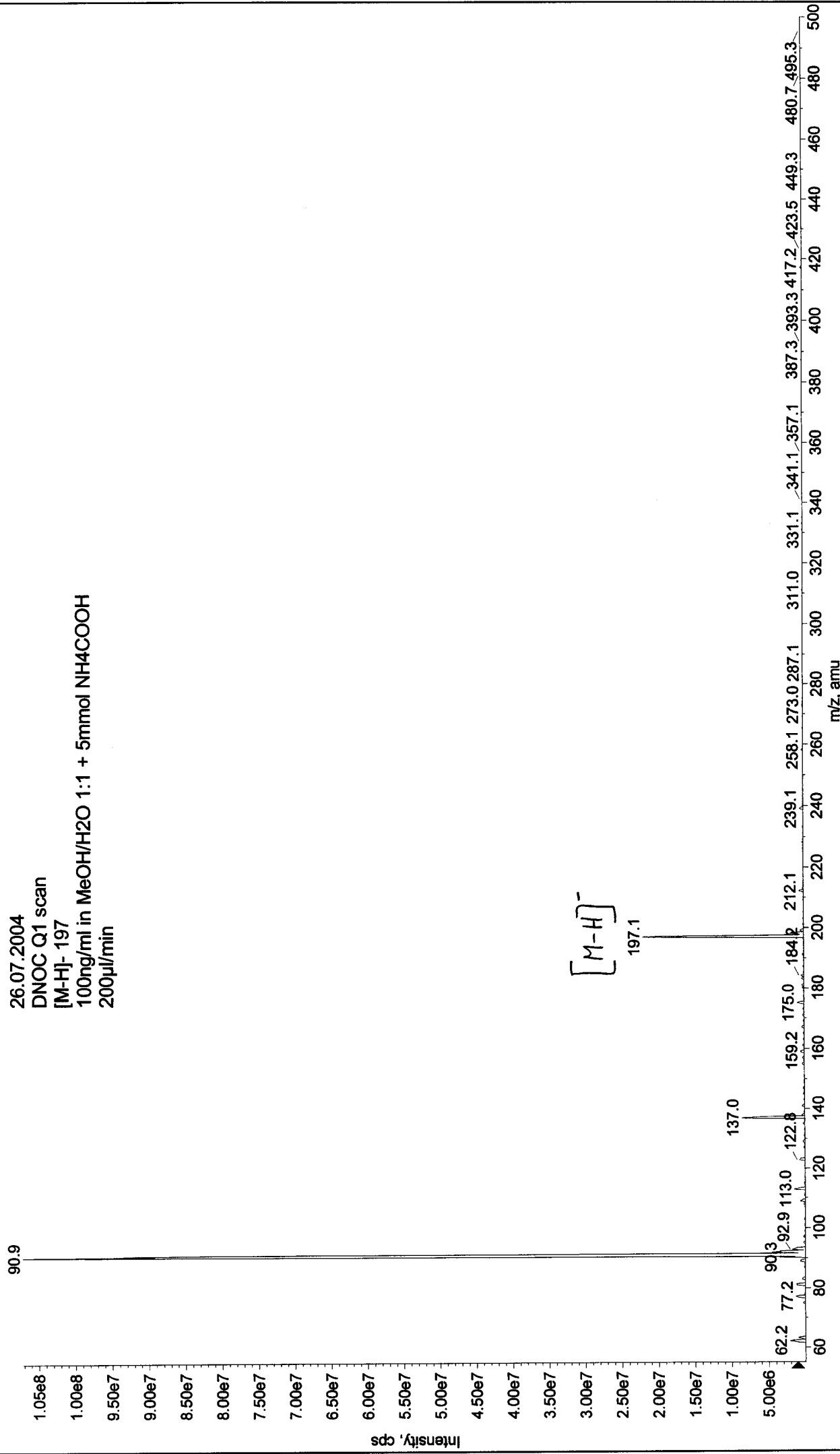
Printing Time: 8:17:09
Printing Date: Monday, July 26, 2004

Acq. Time: 08:15
Acq. Date: Monday, July 26, 2004
Acq. File: MT20040726081532.wiff

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

Max. 1.1e8 cps.

■ -Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040726081532.wiff (Turbo Spray)

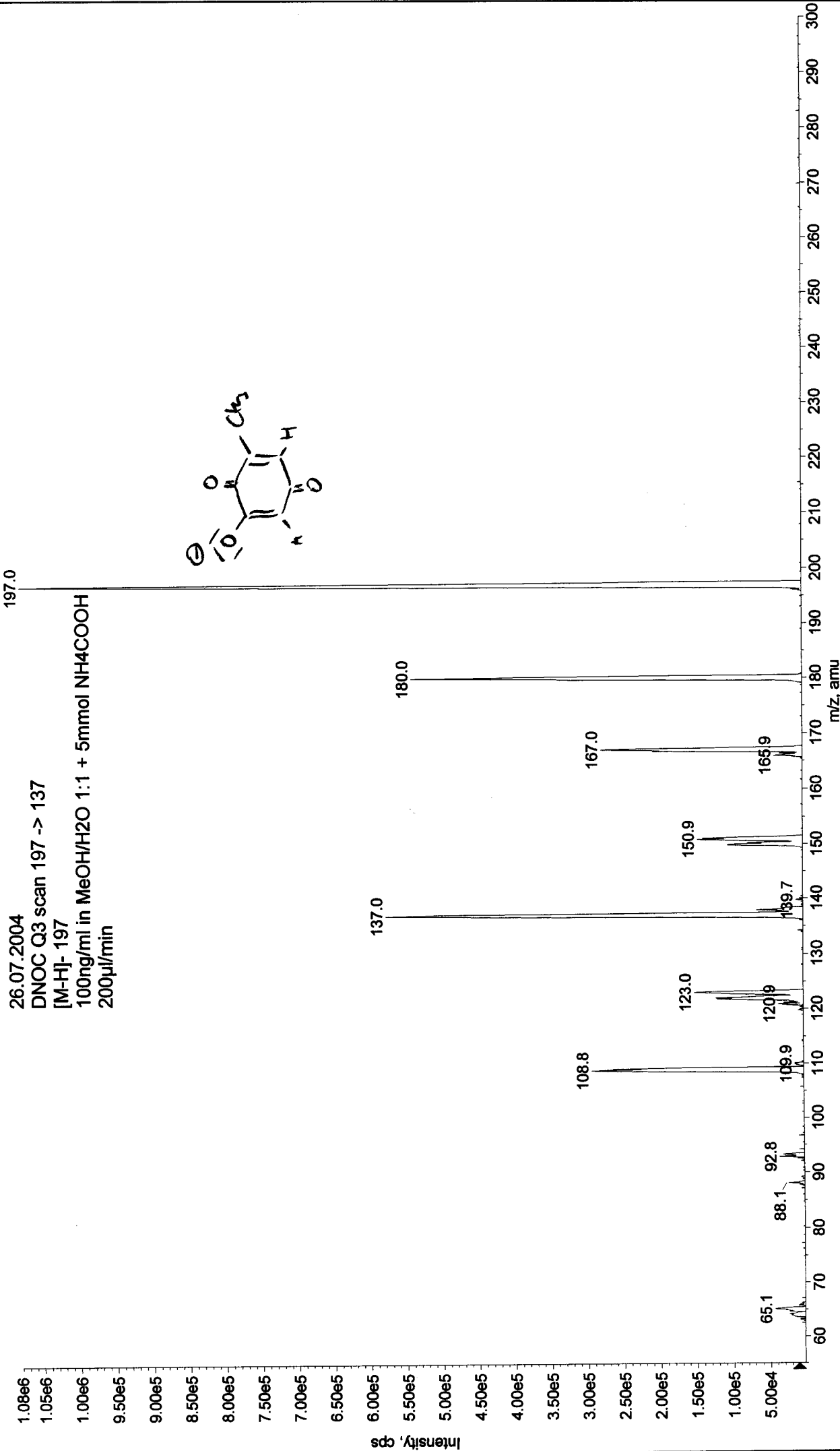


Printing Time: 8:22:41
Printing Date: Monday, July 26, 2004

Acq. Time: 08:20
Acq. Date: Monday, July 26, 2004
Acq. File: MT20040726082032.wiff

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

Max. 1.1e6 cps.
-MS2 (197.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040726082032.wiff (Turbo Spray)



Max. 4.2e5 cps.

-MS2 (197.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040726083012.wiff (Turbo Spray)

