

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

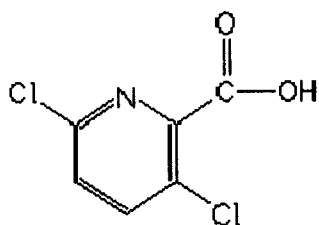
Analyte: Clopyralid

CAS No.: 1702-17-6

Formula: C₆H₃Cl₂NO₂

Molecular mass (lowest isotopes): 190,95 amu

Structure:



Ionisation: ESI -

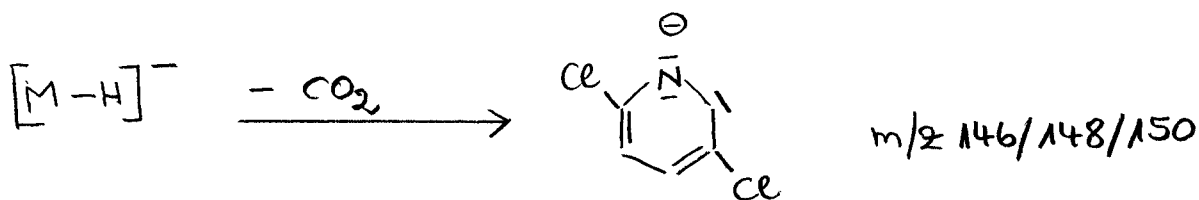
Quasimolecular ion: 190,0 amu = [M-H]⁻

Analyte sensitive parameter set (API 2000)

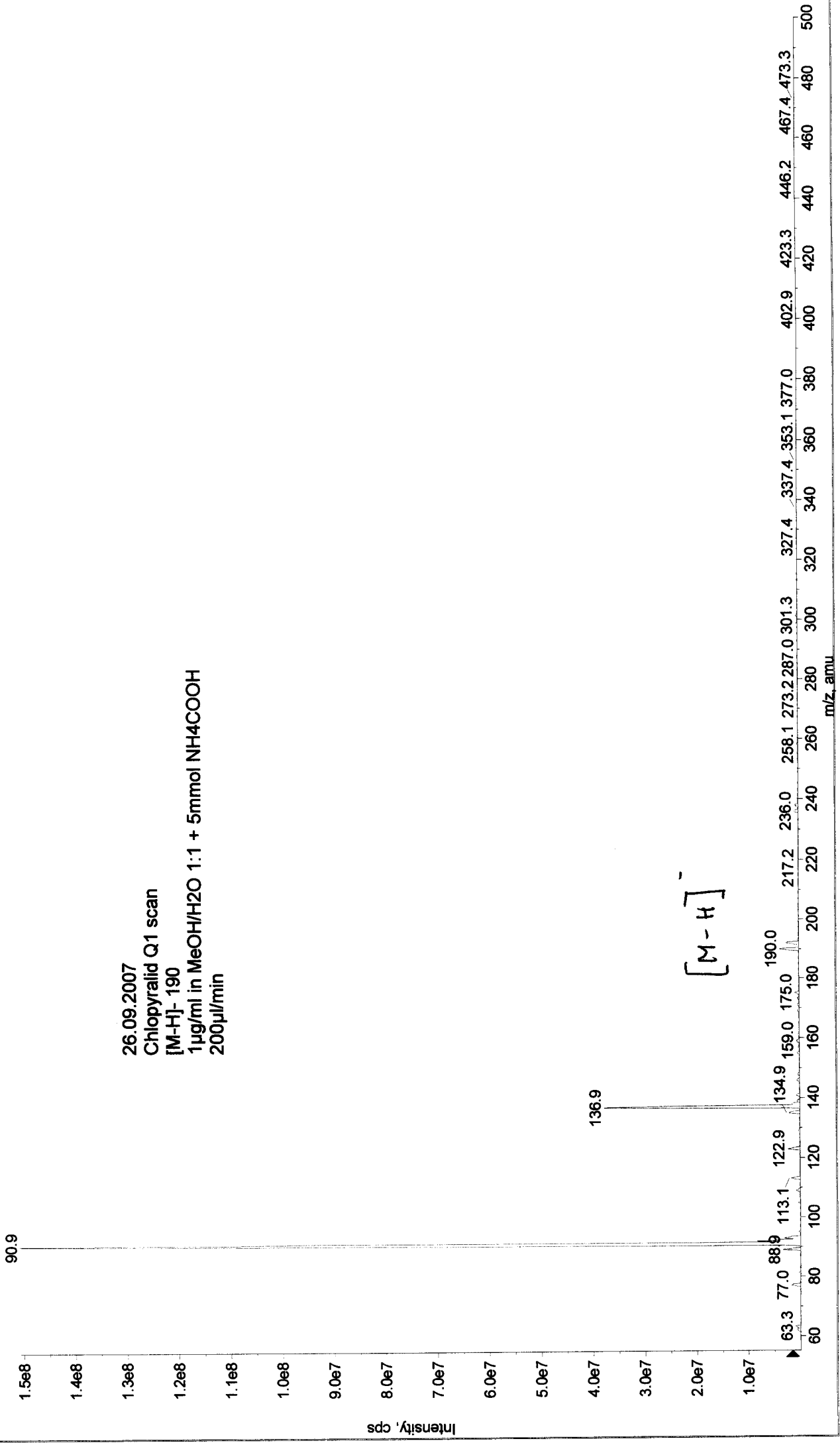
Transition	190,0 → 145,9	no → no
Declustering potential (DP) ^{*)}	- 6 V	- 6 V
Focusing potential (FP)	-290 V	V
Entrance potential (EP)	- 8 V	V
Collision cell entrance potential (CEP)	-22 V	V
Collision energy (CE)	-10 V	V
Collision cell exit potential (CXP)	-10 V	V

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

Fragmentation

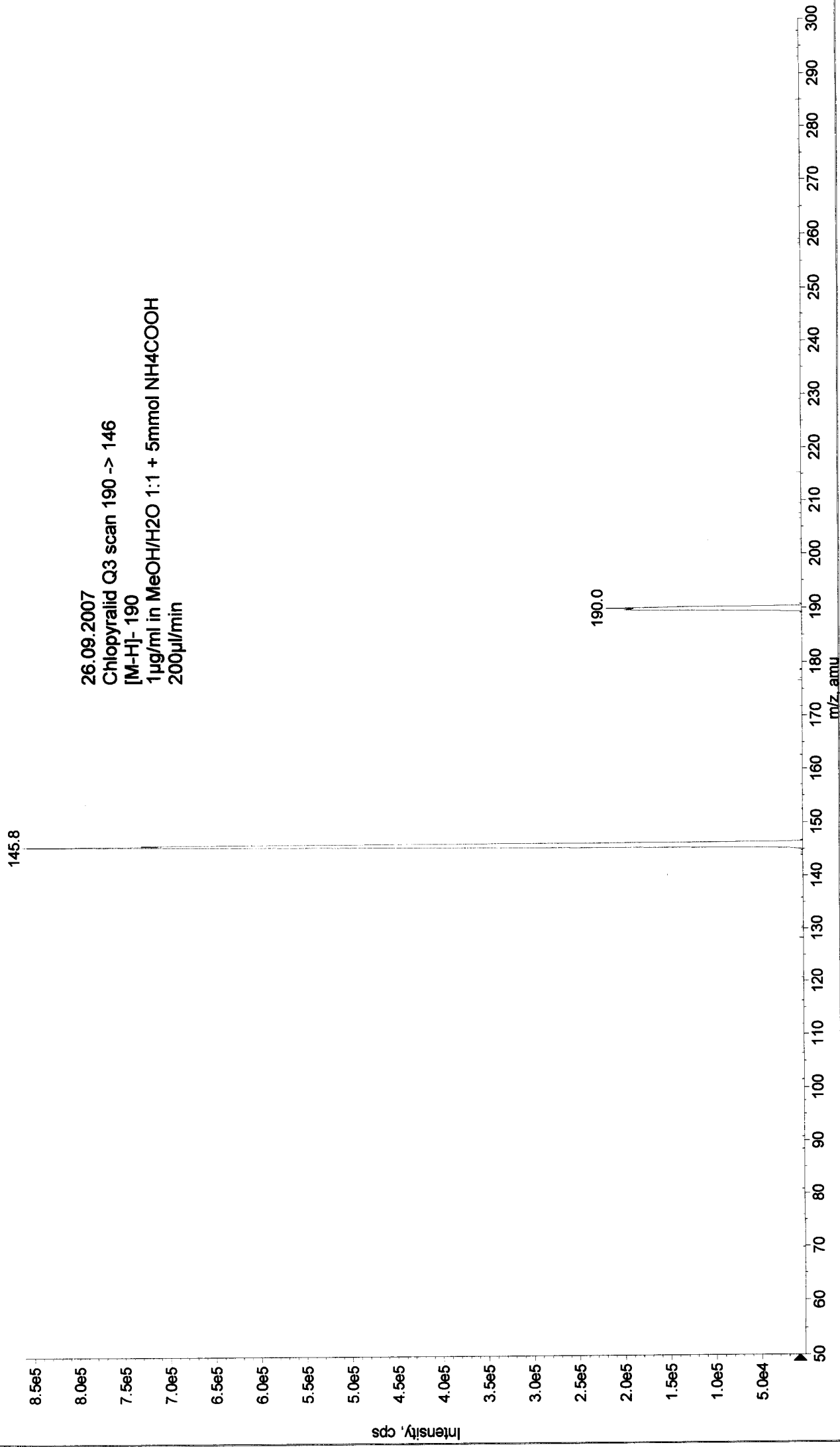


-Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20070926141129.wiff (Turbo Spray)



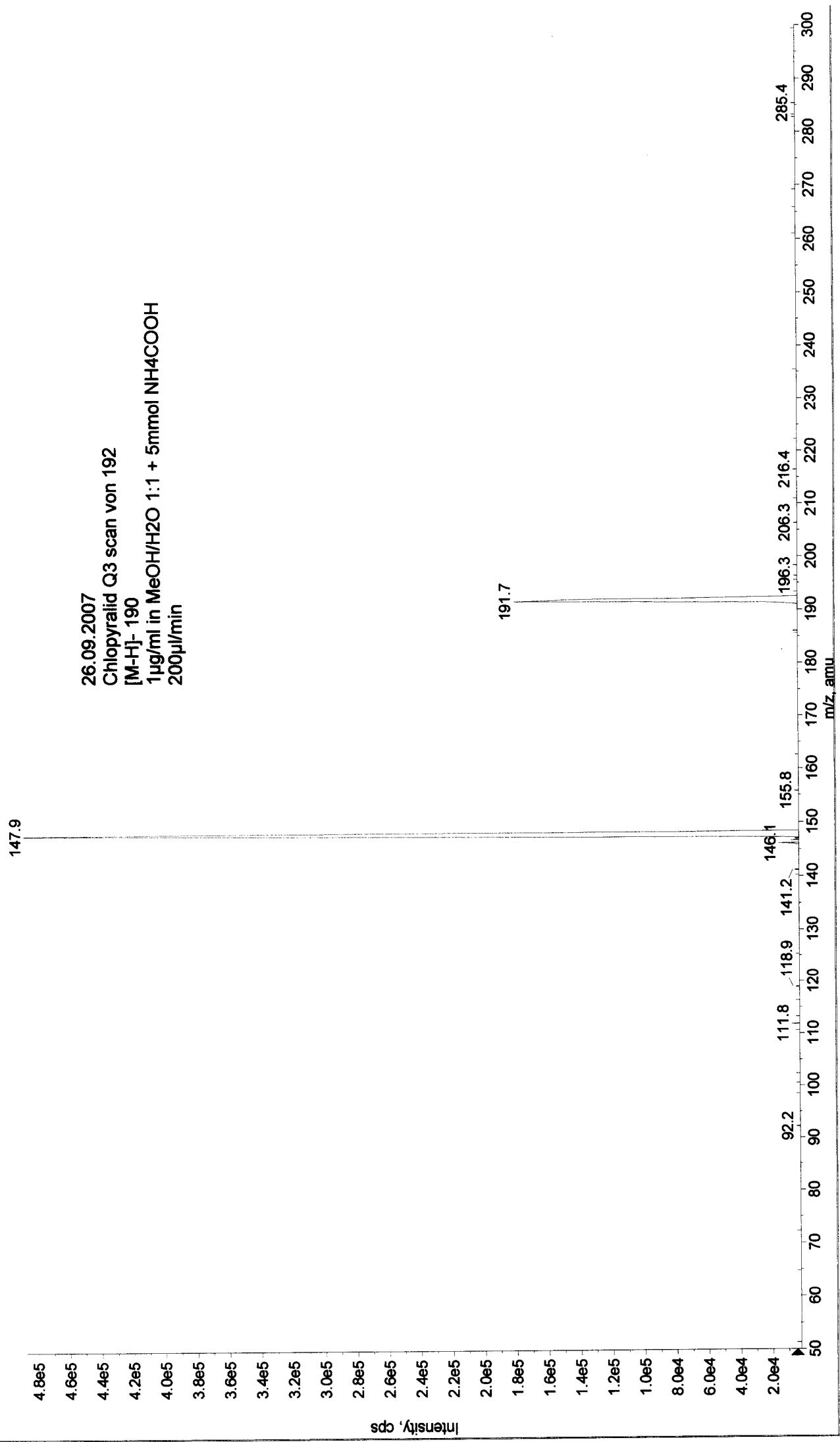
Max. 8.6e5 cps.

-MS2 (190.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20070926141459.wiff (Turbo Spray)



Max. 4.9e5 cps.

-MS2 (192.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20070926141633.wiff (Turbo Spray)



Max. 8.8e4 cps.

■ -MS2 (194.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20070926141814.wiff (Turbo Spray)

