

MS/MS Parameters of Pesticides

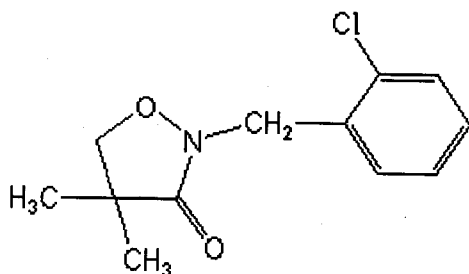
Analyte: Clomazone

CAS No.: 81777-89-1

Formula: C₁₂H₁₄ClNO₂

Molecular mass (lowest isotopes): 239,07 amu

Structure:



Ionisation: ESI +

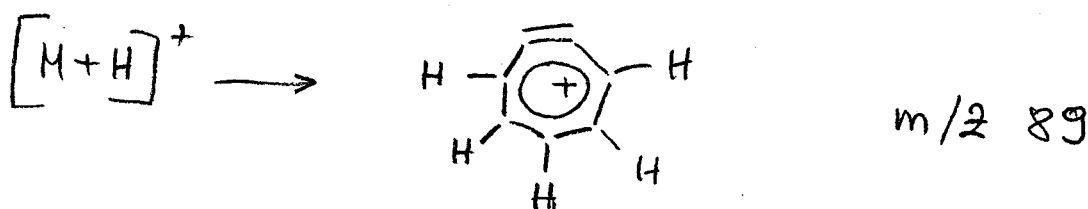
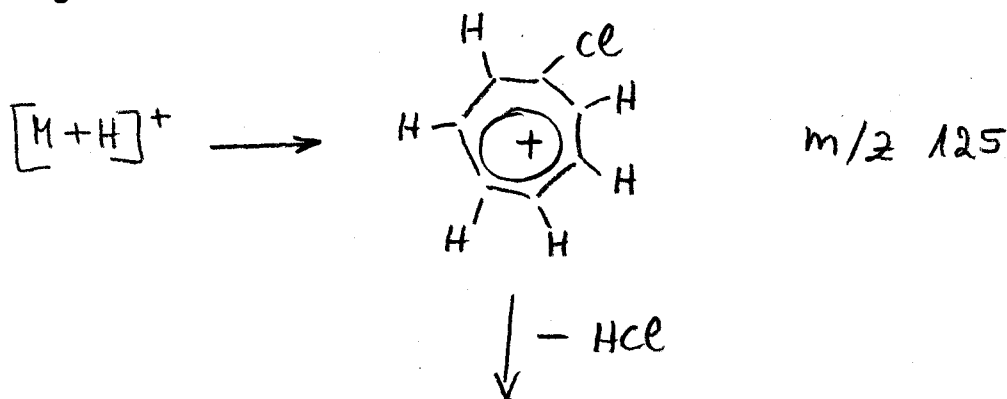
Quasimolecular ion: 240,1 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	240,1 → 125,0	240,1 → 89,1
Declustering potential (DP) ^{*)}	26 V	26 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	12,0 V	12,0 V
Collision cell entrance potential (CEP)	14 V	14 V
Collision energy (CE)	27 V	65 V
Collision cell exit potential (CXP)	6 V	4 V

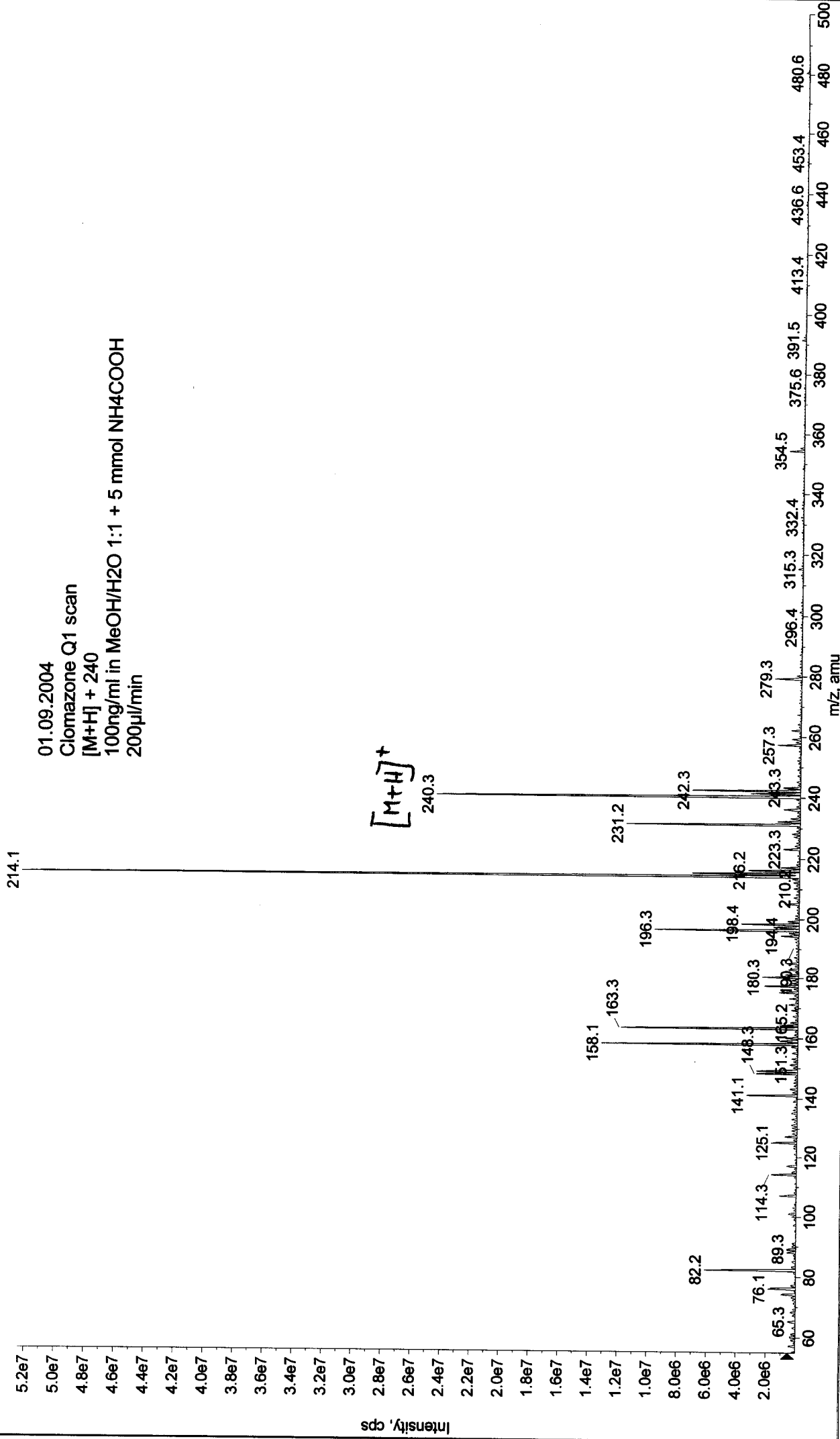
^{*)} For API 3000 and 4000 enhance DP by 20V

Fragmentation

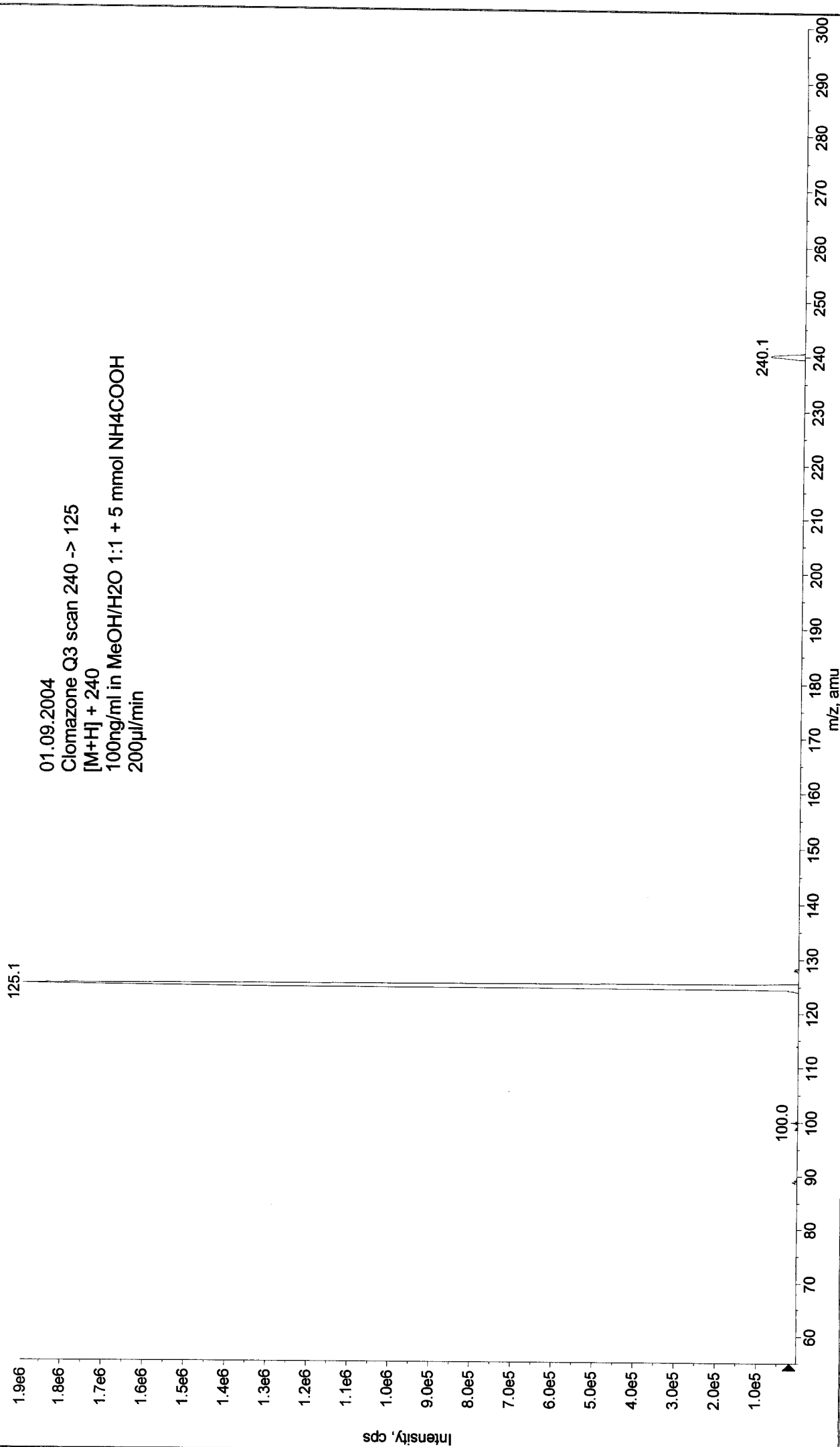


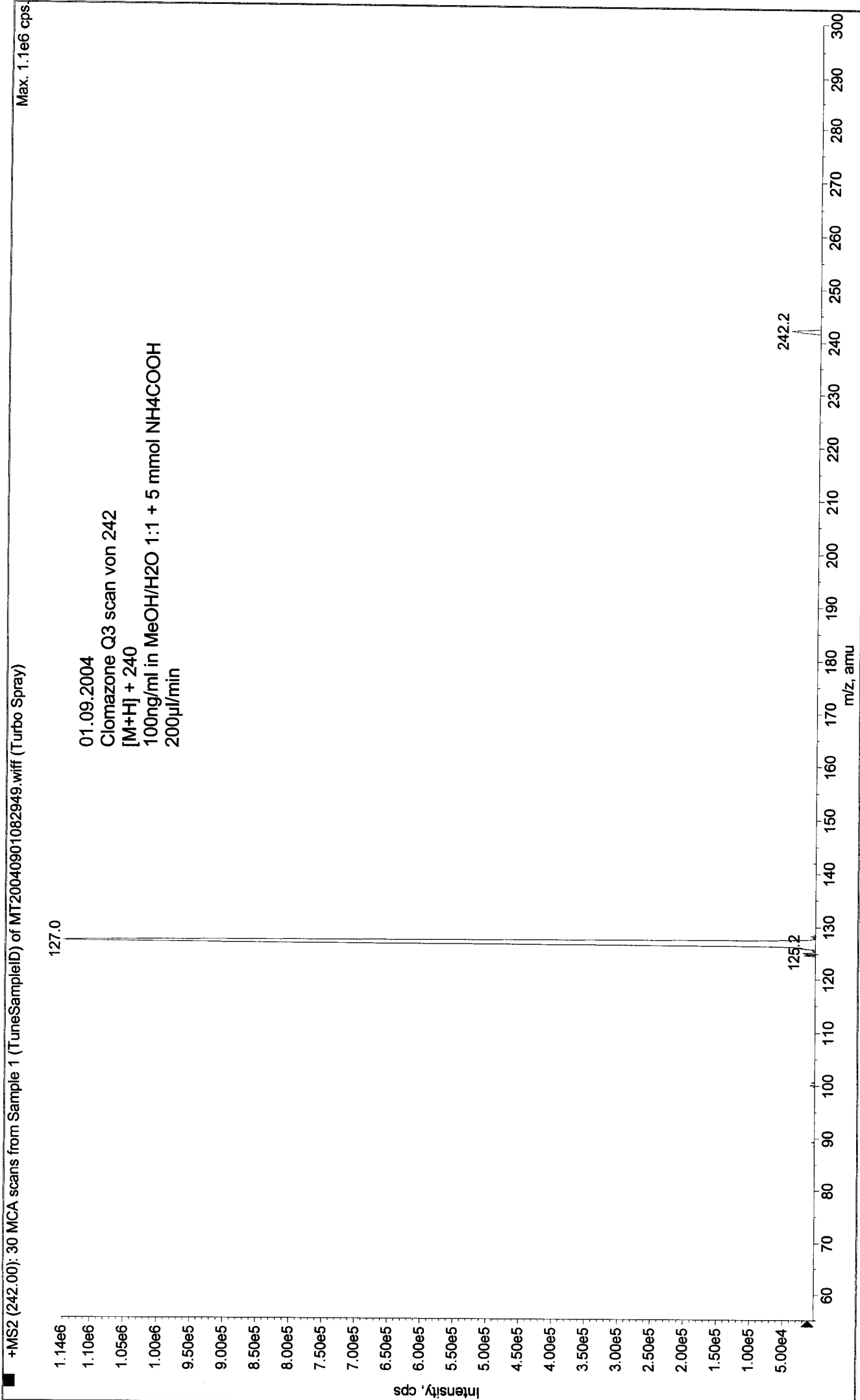
+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040901082224.wiff (Turbo Spray)

Max. 5.2e7 cps.

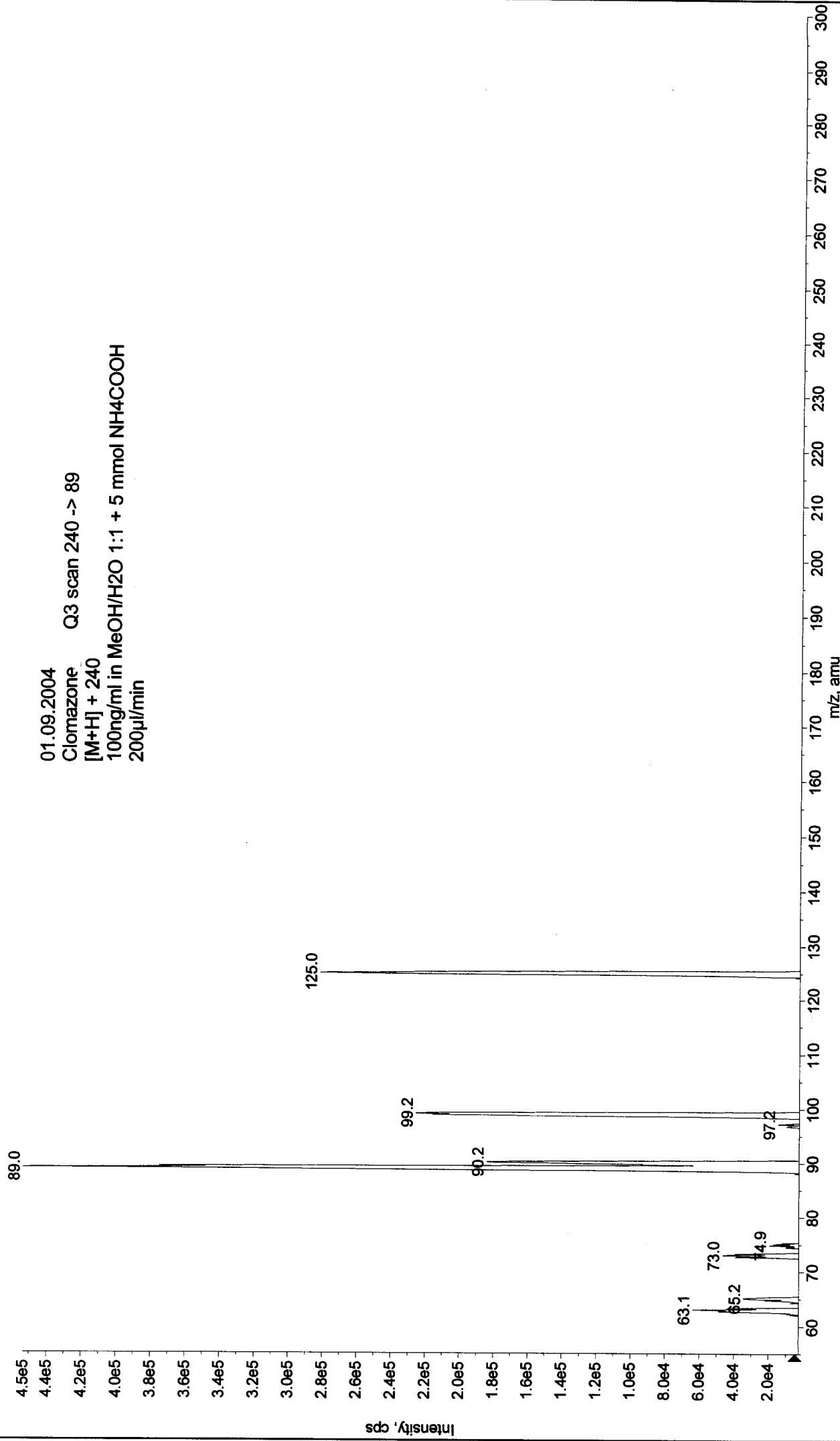


+MS2 (240.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040901082817.wiff (Turbo Spray) Max. 1.9e6 cps





+MS2 (240.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040901083844.wiff (Turbo Spray) Max. 4.5e5 cps.



01.09.2004
Clomazone
[M+H]⁺ + 240
100ng/ml in MeOH/H₂O 1:1 + 5 mmol NH₄COOH
200µl/min
Q3 scan 240 -> 89