

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

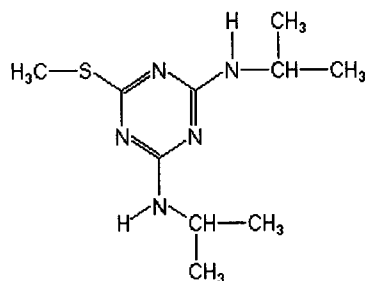
Analyte: Prometryne

CAS No.: 7287-19-6

Formula: C₁₀H₁₉N₅S

Molecular mass (lowest isotopes): 241,14 amu

Structure:



Ionisation: ESI +

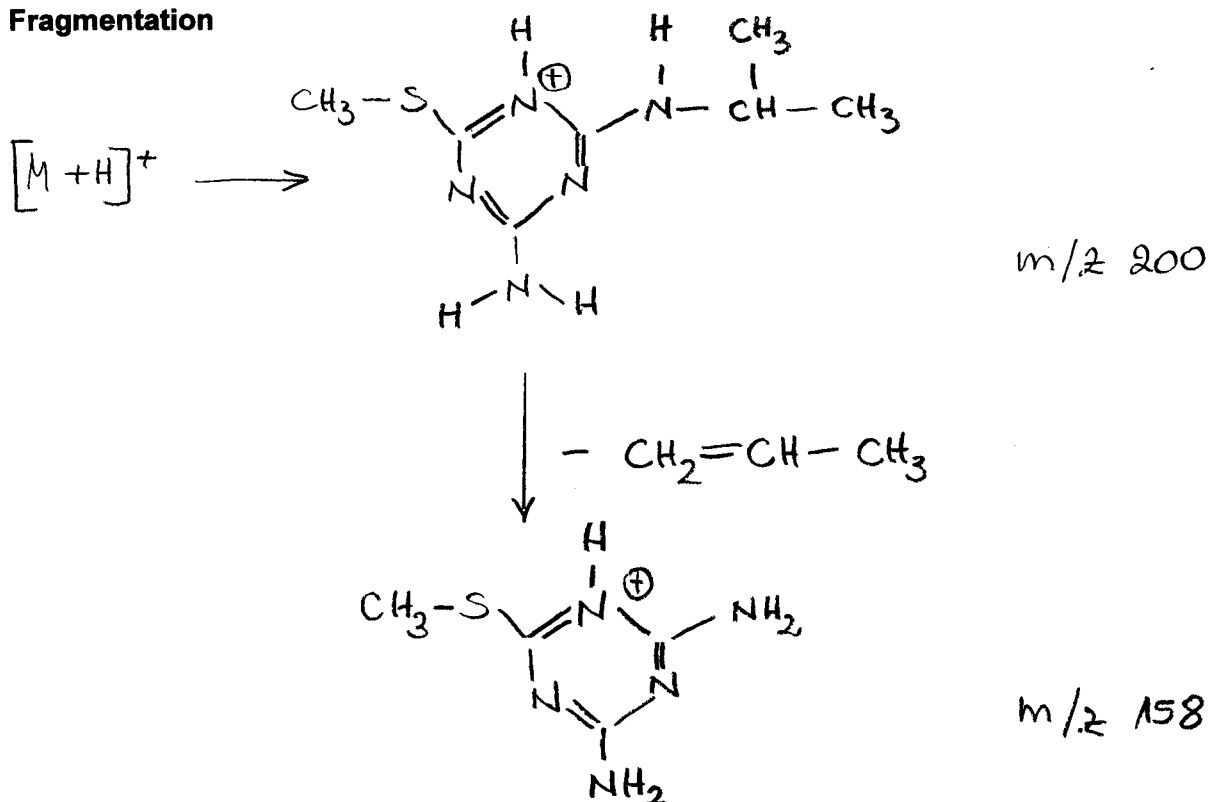
Quasimolecular ion: 242,1 amu = [M+H]⁺

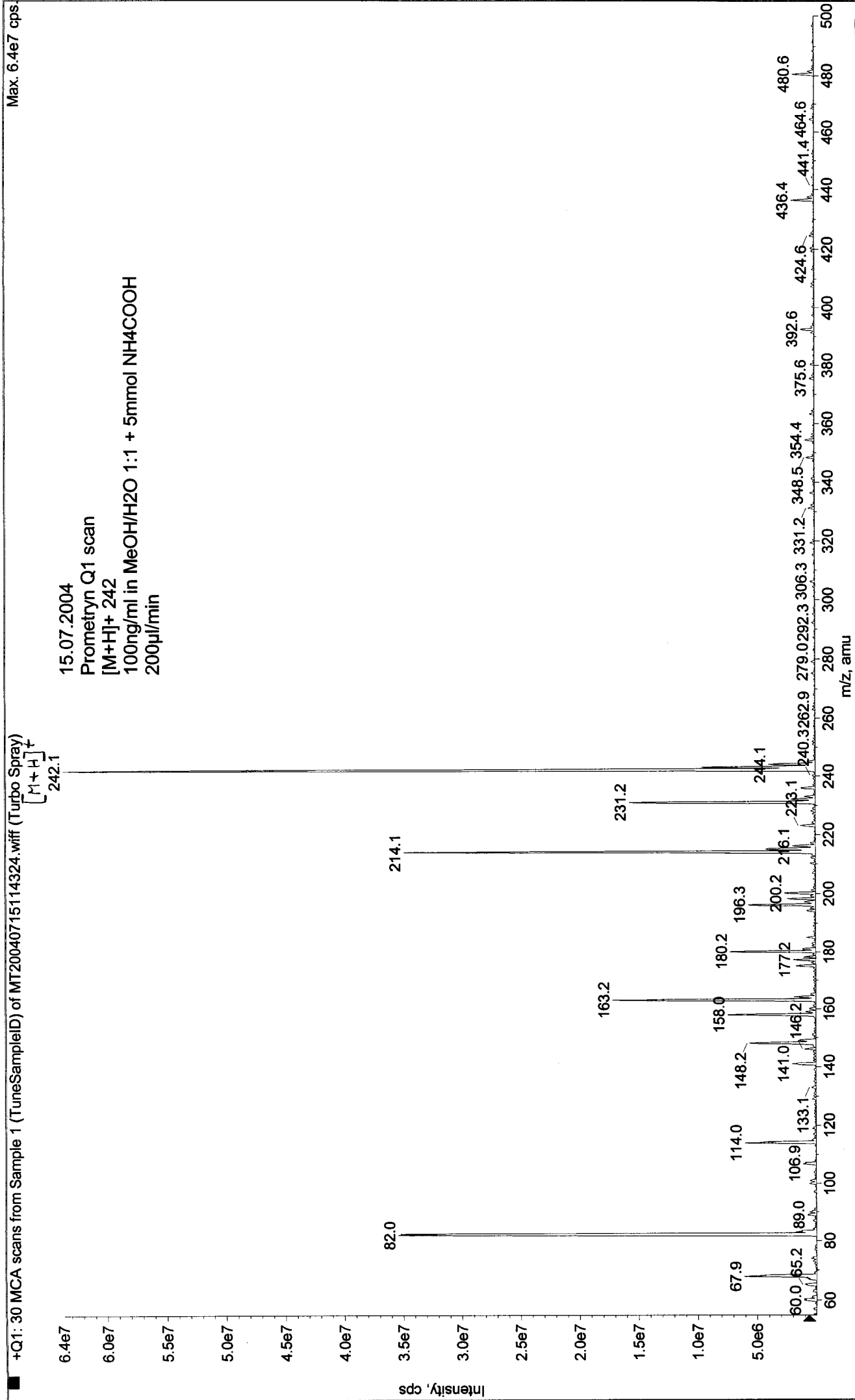
Analyte sensitive parameter set (API 2000)

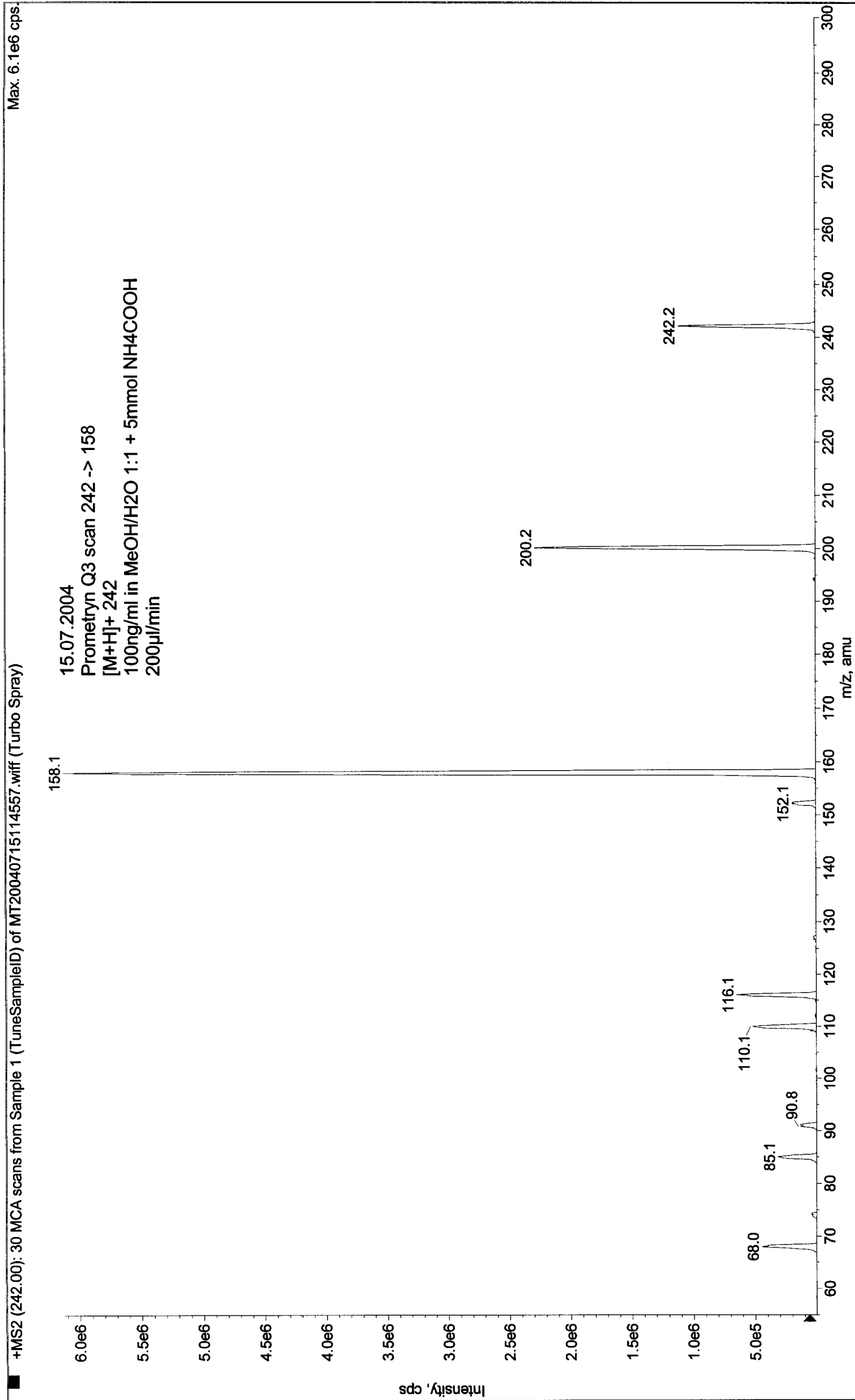
Transition	242,1 → 158,1	242,1 → 200,2
Declustering potential (DP) ^{*)}	26 V	26 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	10,5 V	12,0 V
Collision cell entrance potential (CEP)	16 V	16 V
Collision energy (CE)	31 V	25 V
Collision cell exit potential (CXP)	8 V	10 V

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

Fragmentation

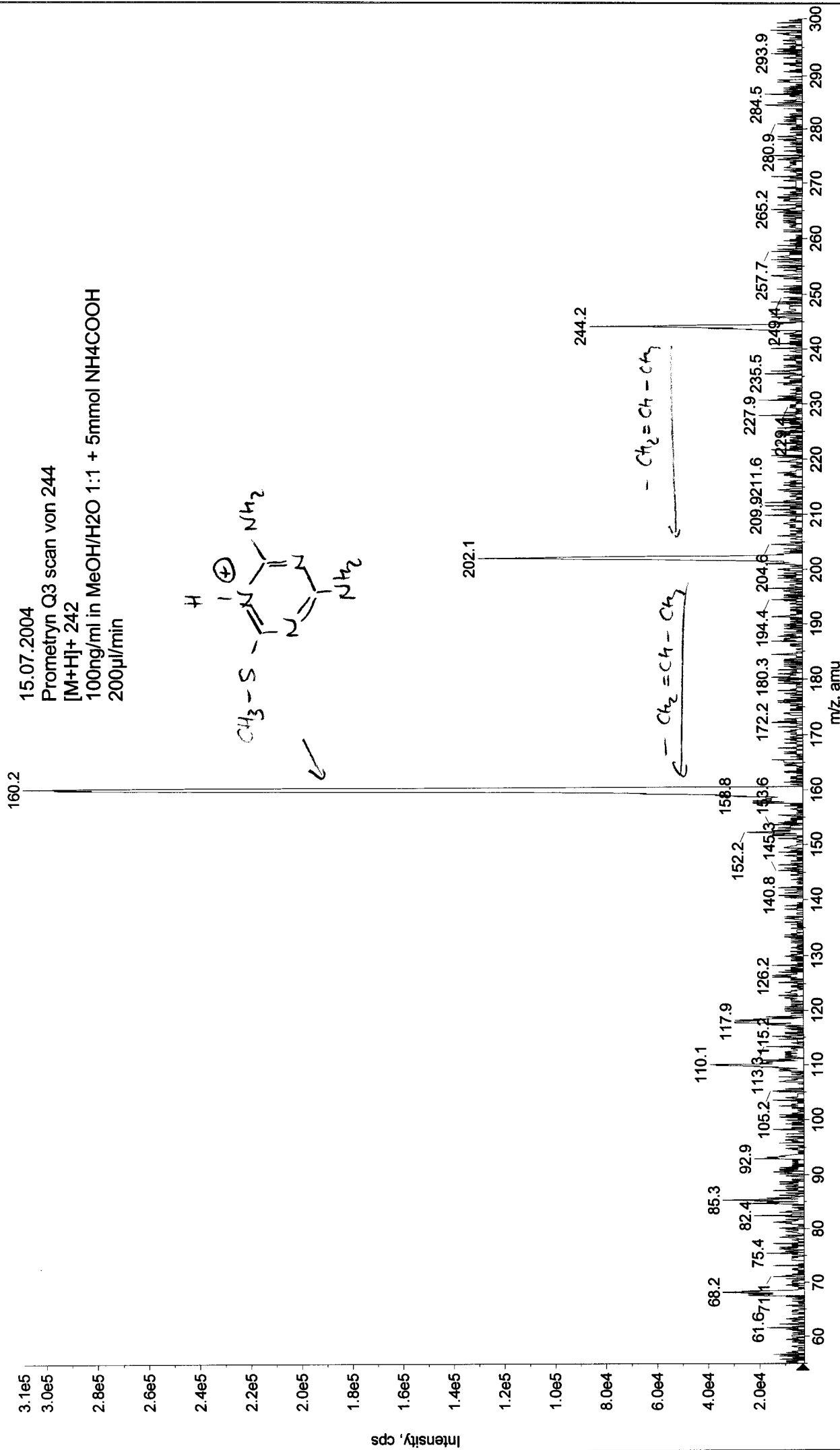






Max. 3.1e5 cps.

+MS2 (244.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040715114717.wiff (Turbo Spray)



<p> +MS2 (242.00): 30 MCA scans from Sample 1 ('TuneSampleID' of MT20040715115454.wiff (Turbo Spray) </p>	<p> Max. 4.1e6 cps. </p>
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15.07.2004
Prometryn_200 Q3 scan 242 -> 200
[M+H]⁺ 242
100ng/ml in MeOH/H₂O 1:1 + 5mmol NH₄COOH
200µl/min 158.0

