

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

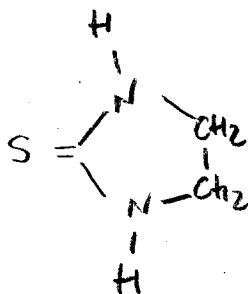
Analyte: Ethylenthioharnstoff (ETU)

CAS No.: 96-45-7

Formula: C₃H₆N₂S

Molecular mass (lowest isotopes): 102,03 amu

Structure:



Ionisation: ESI +

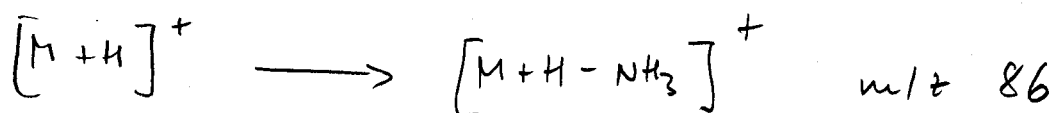
Quasimolecular ion: 103,0 amu = [M+H]⁺

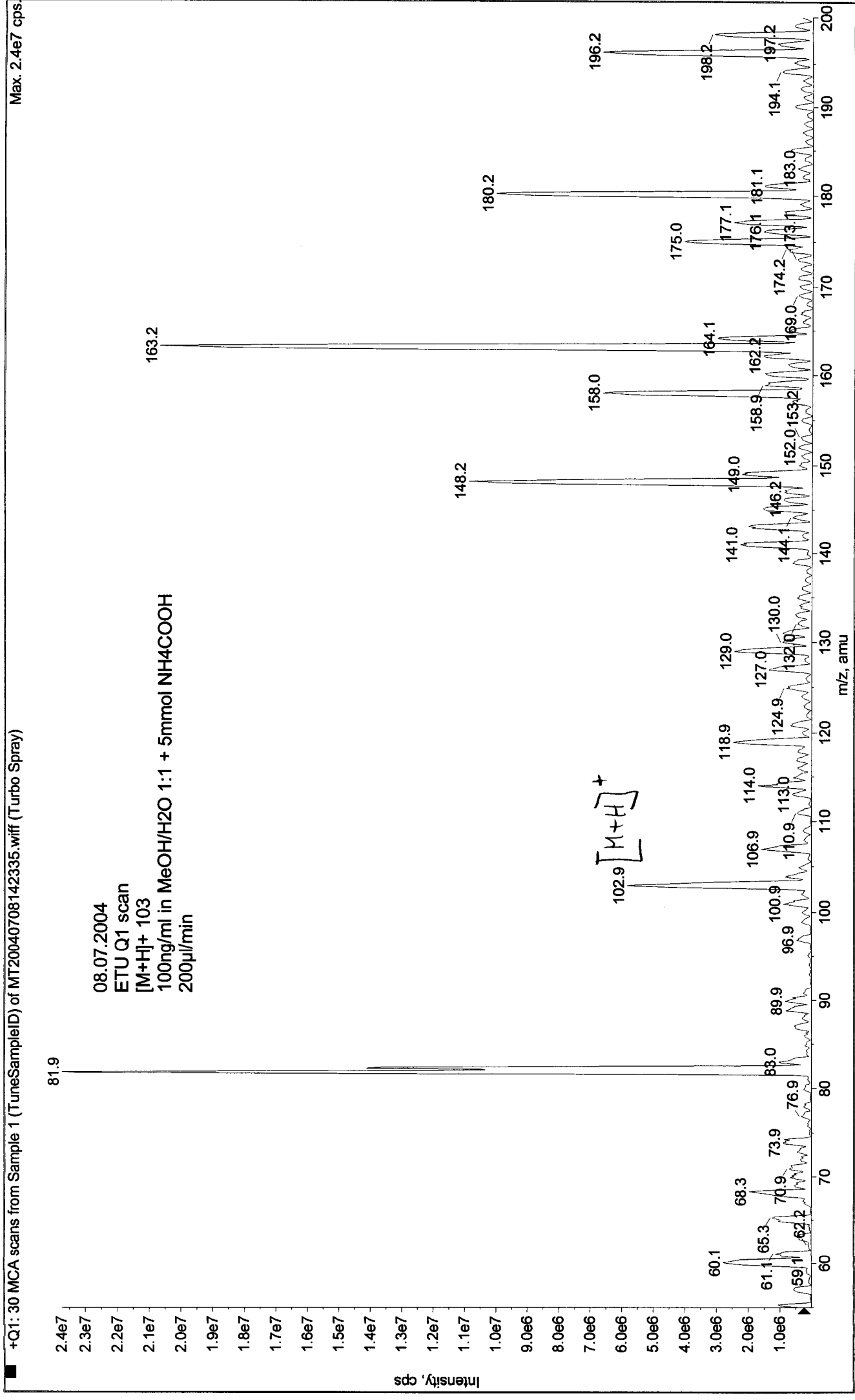
Analyte sensitive parameter set (API 2000)

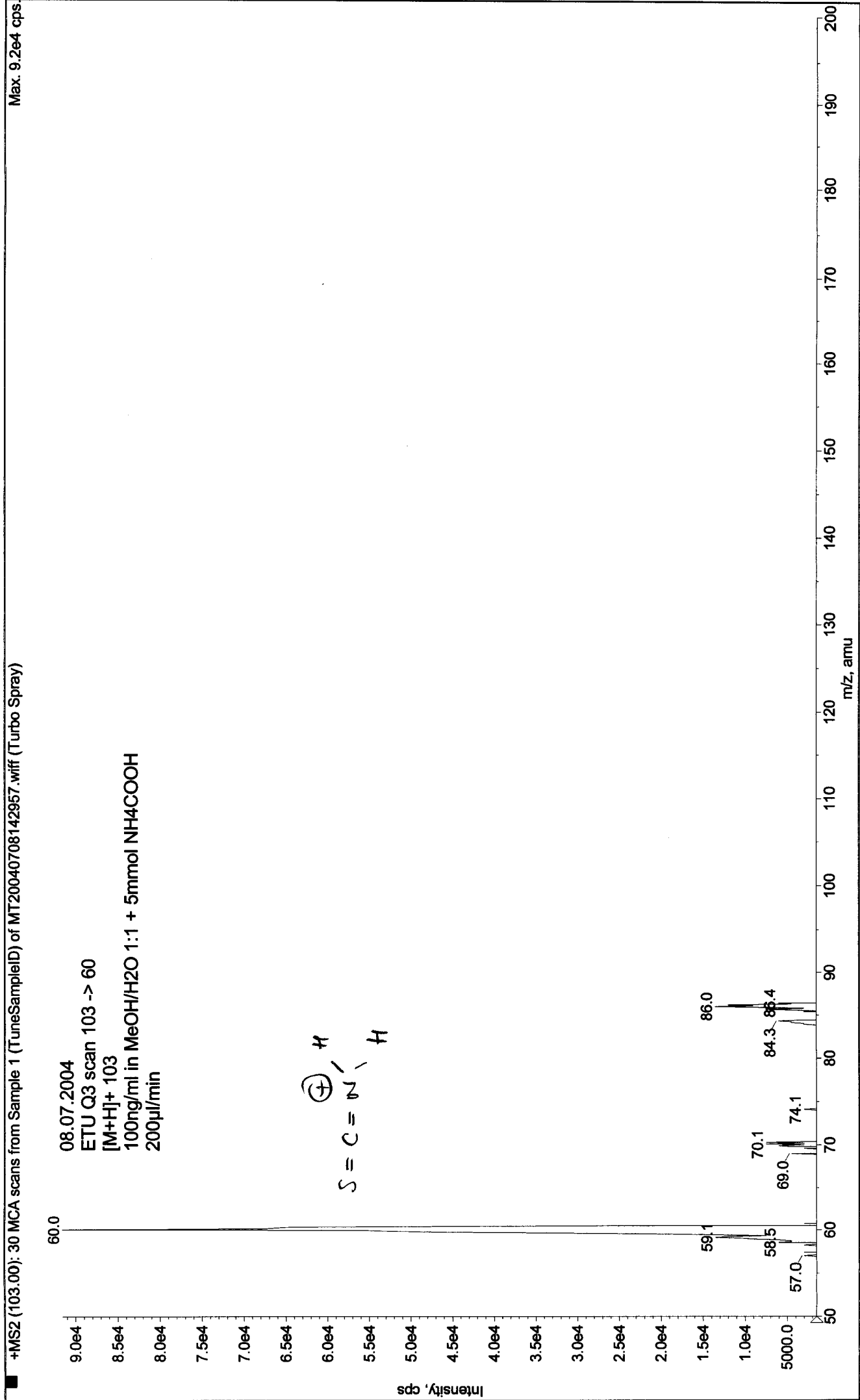
Transition	103,0 → 60,0	103,0 → 44,2
Declustering potential (DP) ^{*)}	29V	29 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	10,0 V	12,0 V
Collision cell entrance potential (CEP)	20 V	18 V
Collision energy (CE)	47 V	27 V
Collision cell exit potential (CXP)	8 V	6 V

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

Fragmentation



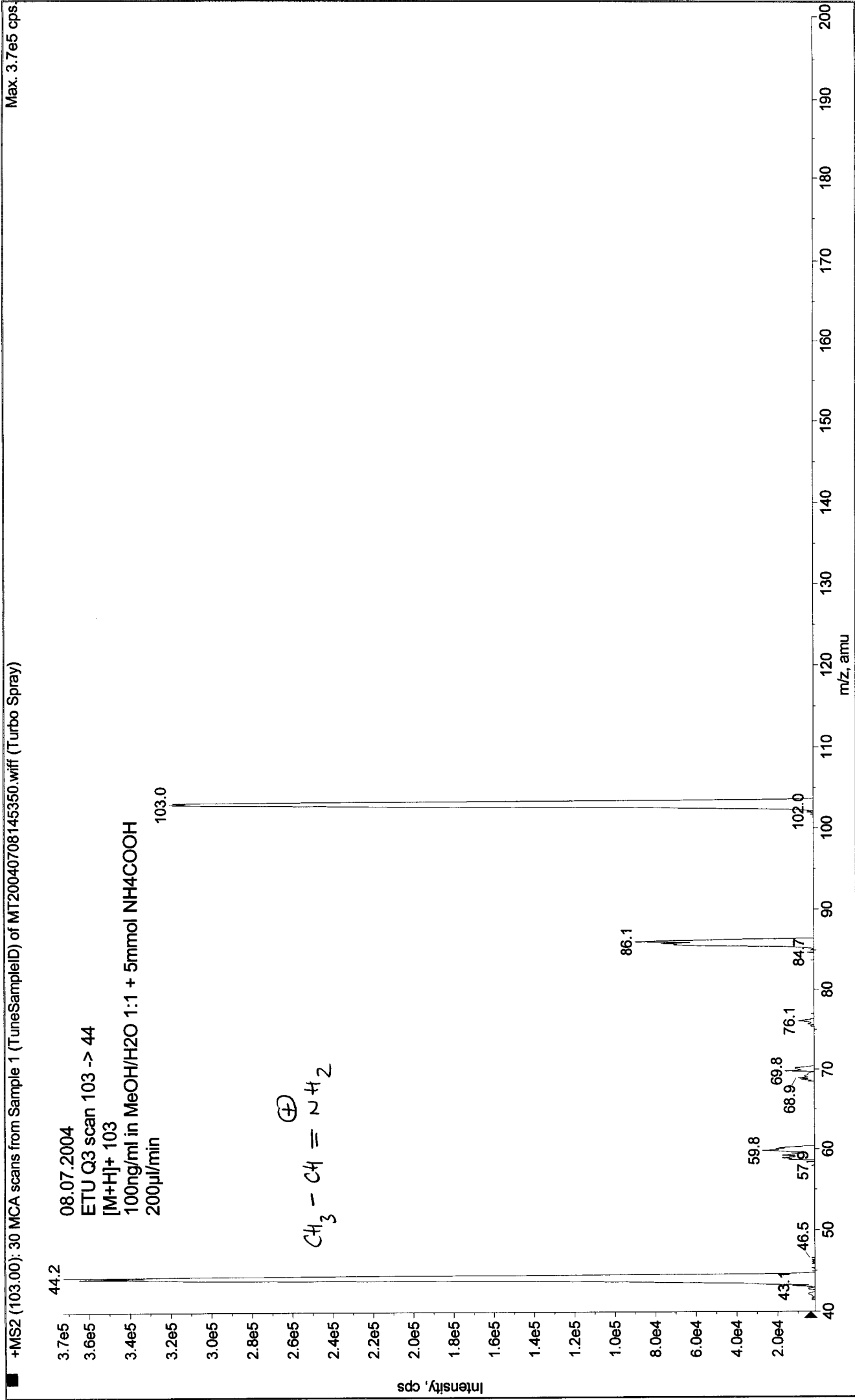




Printing Time: 14:55:31
Printing Date: Thursday, July 08, 2004

Acq. Time: 14:53
Acq. Date: Thursday, July 08, 2004
Acq. File: MT20040708145350.wiff

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



■ +MS2 (103.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040708143919.wiff (Turbo Spray)

Max. 5.1e5 cps

