

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

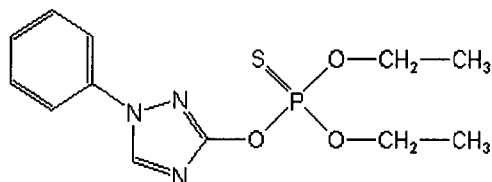
Analyte: Triazophos

CAS No.: 24017-47-8

Formula: C₁₂H₁₆N₃O₃PS

Molecular mass (lowest isotopes): 313,07 amu

Structure:



Ionisation: ESI +

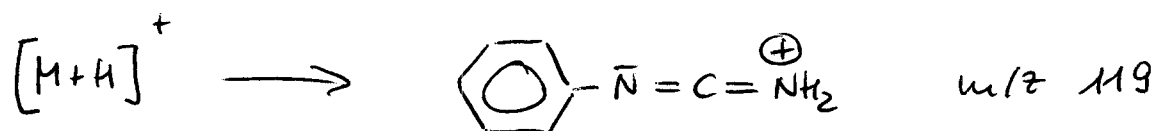
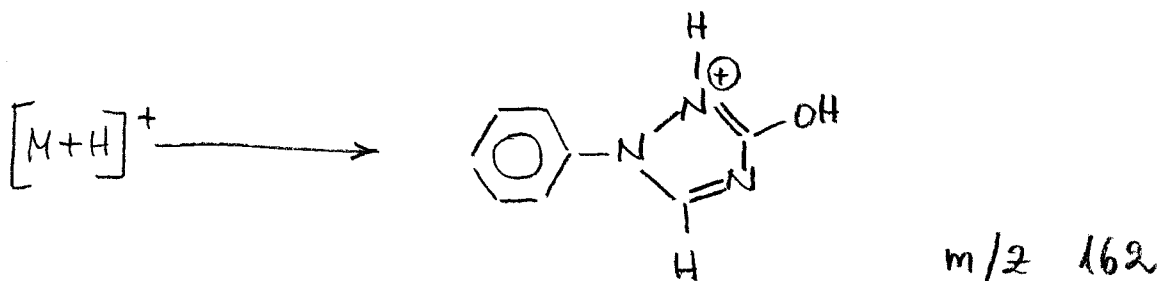
Quasimolecular ion: 314,0 amu = [M+H]⁺

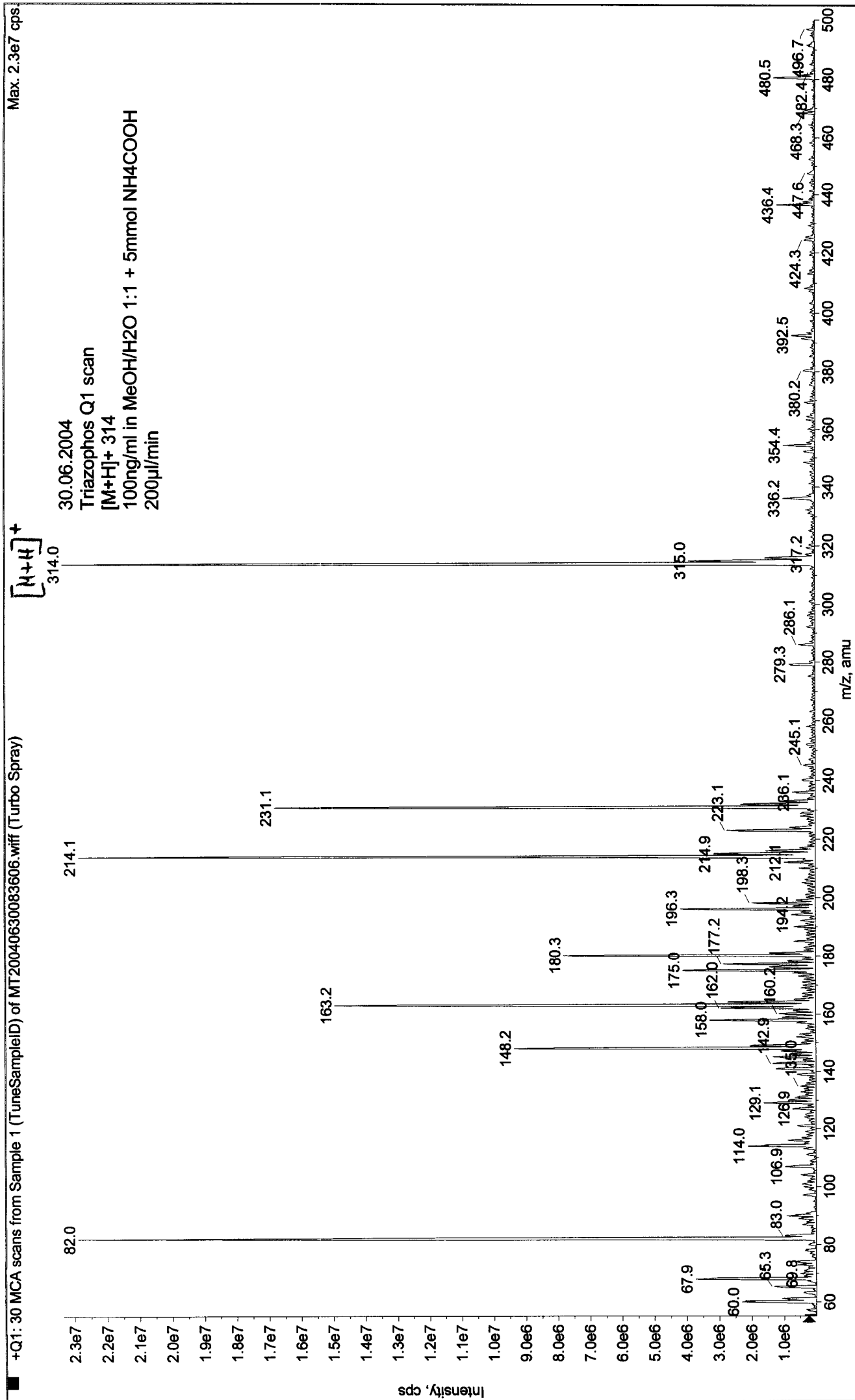
Analyte sensitive parameter set (API 2000)

Transition	314,0 → 119,1	314,0 → 162,1
Declustering potential (DP)*)	31 V	31 V
Focusing potential (FP)	350 V	370 V
Entrance potential (EP)	12,0 V	11,5 V
Collision cell entrance potential (CEP)	20 V	22 V
Collision energy (CE)	47 V	25 V
Collision cell exit potential (CXP)	6 V	8 V

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

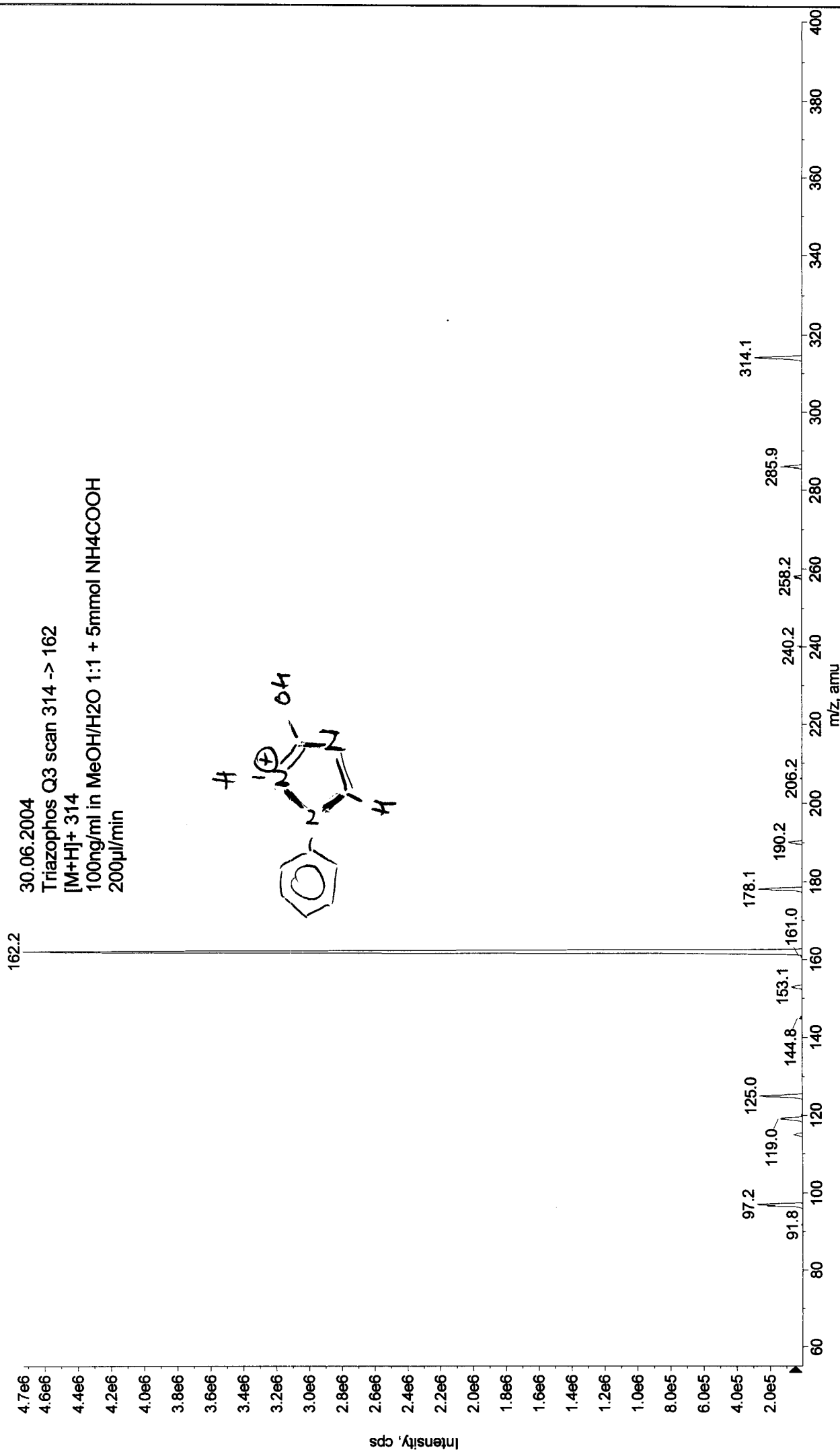
Fragmentation





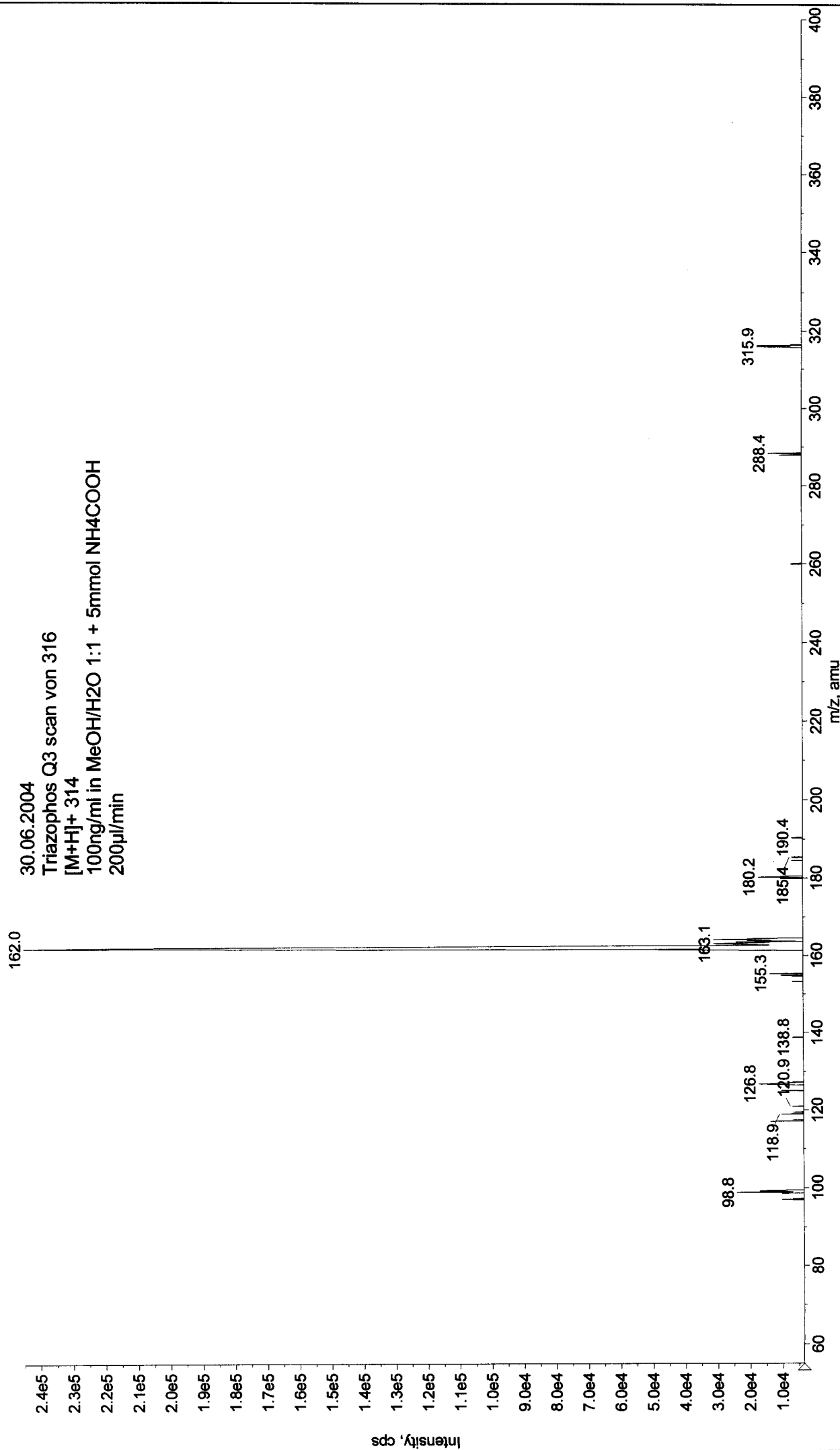
Max. 4.7e6 cps

+MS2 (314.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040630083832.wiff (Turbo Spray)



Max. 2.5e5 cps

■ +MS2 (316.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040630083954.wiff (Turbo Spray)



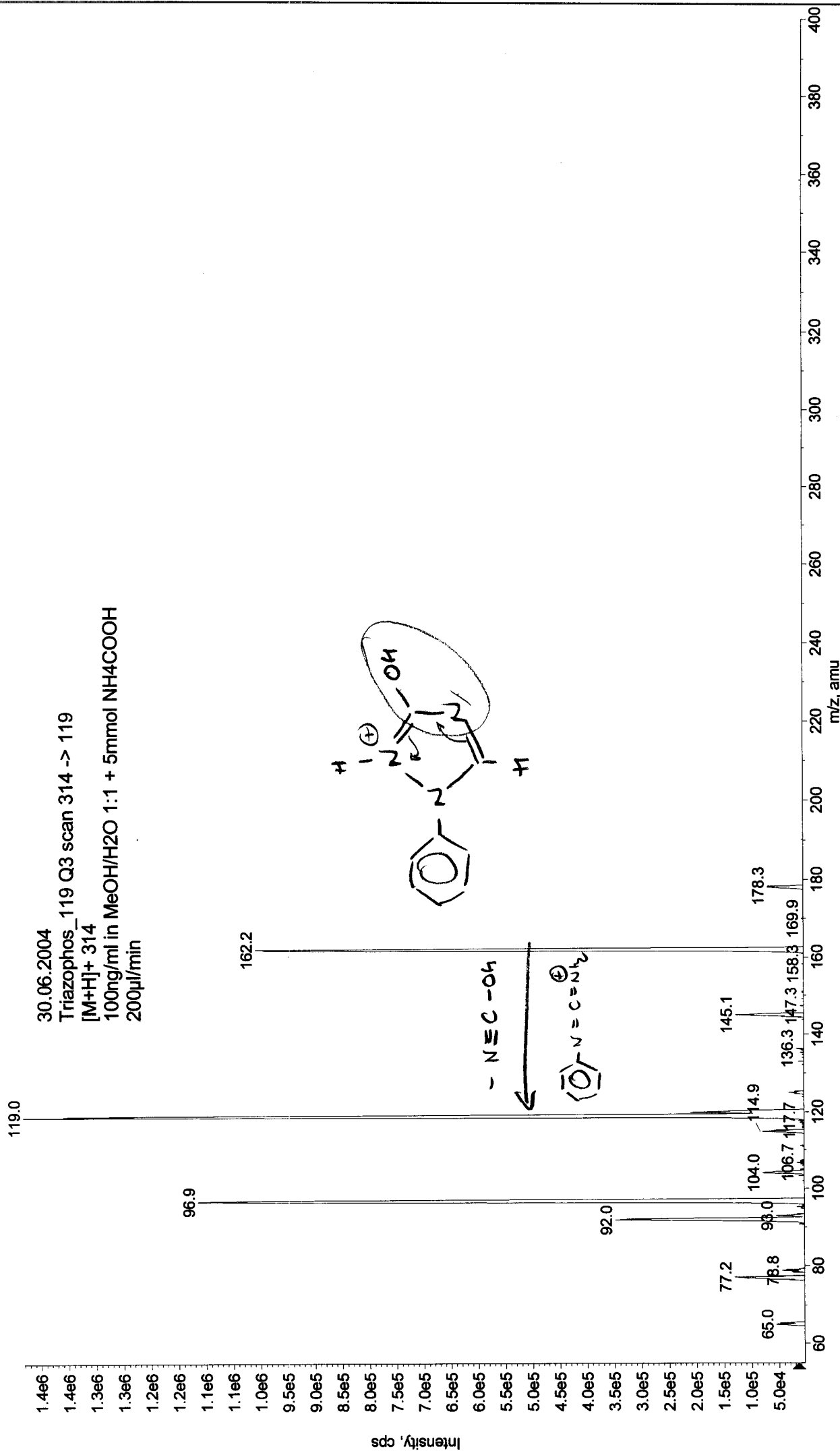
Printing Time: 8:51:26
Printing Date: Wednesday, June 30, 2004

Acq Time: 08:50
Acq Date: Wednesday, June 30, 2004
Acq File: MT20040630085015.wiff

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

Max. 1.4e6 cps

+MS2 (314.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040630085015.wiff (Turbo Spray)



Printing Time: 8:53:49
Printing Date: Wednesday, June 30, 2004

Acq Time: 08:52
Acq Date: Wednesday, June 30, 2004
Acq File: MT20040630085223.wiff

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

Max. 8.6e4 cps.

■ +MS2 (316.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040630085223.wiff (Turbo Spray)

