

Name: Methsuximide-D5
Lot#: GR-14-085
Test Date: 10/15/2019 (re-test date:10/15/2024)
CAS No.: 1189980-63-9
MF: C₁₂H₈D₅NO₂
MW: 208.27
Appearance: Yellow oil
Purity: 98.9% by HPLC; 99.7% atom D
¹H-NMR: Conforms
MS-ESI (+) Conforms (shows peak at m/z = 209.13 [M+H]⁺)

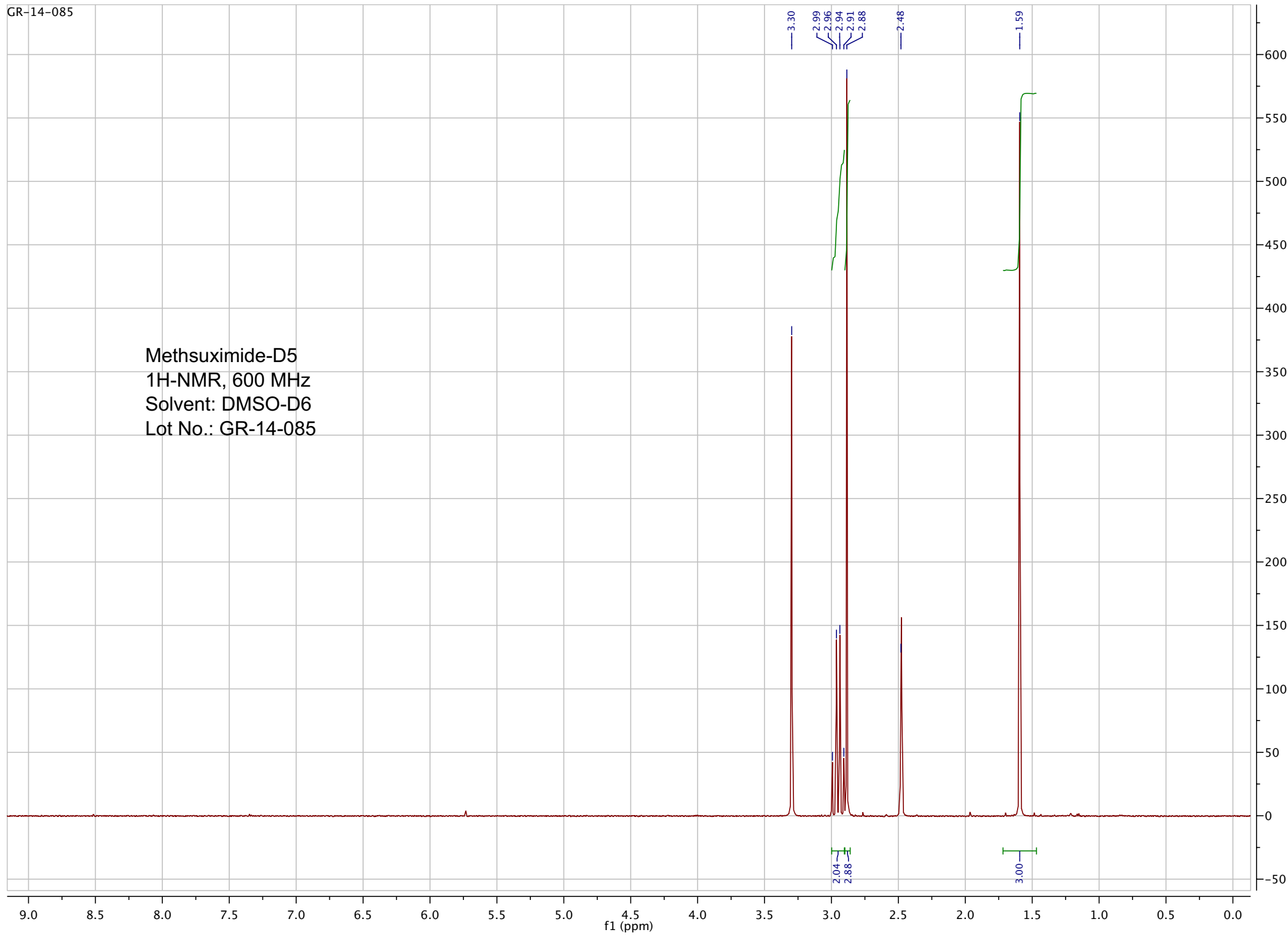
Approved by:

Date: 10/23/2019



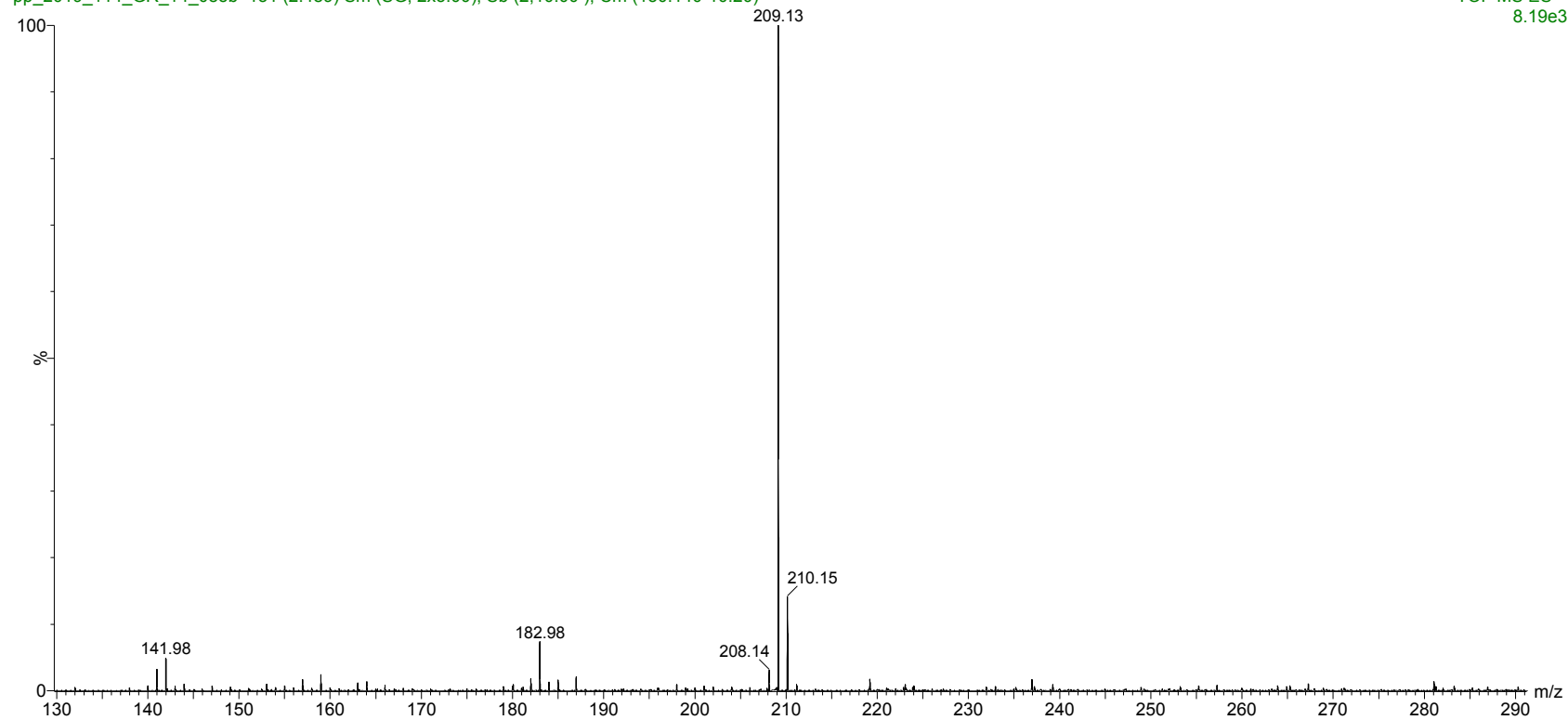
Viorica Rusu, QC/QA Manager

Methsuximide-D5
1H-NMR, 600 MHz
Solvent: DMSO-D6
Lot No.: GR-14-085



pp_2019_114_GR_14_085b 131 (2.489) Sm (SG, 2x5.00); Sb (2,10.00); Cm (130:140-10:20)

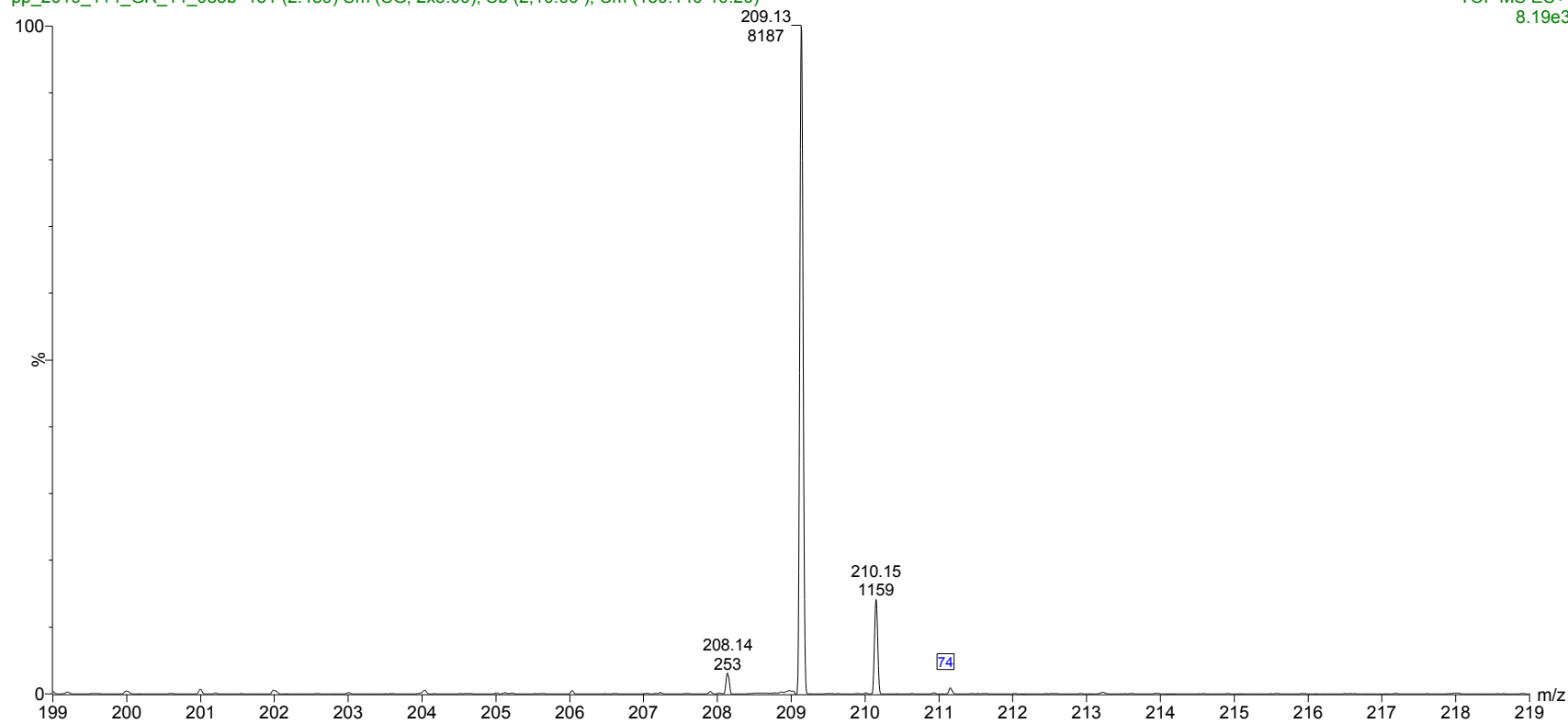
TOF MS ES+
8.19e3



ESI-MS spectrum for sample GR-14-085. Shows monoisotopic [M+H]⁺ mass.

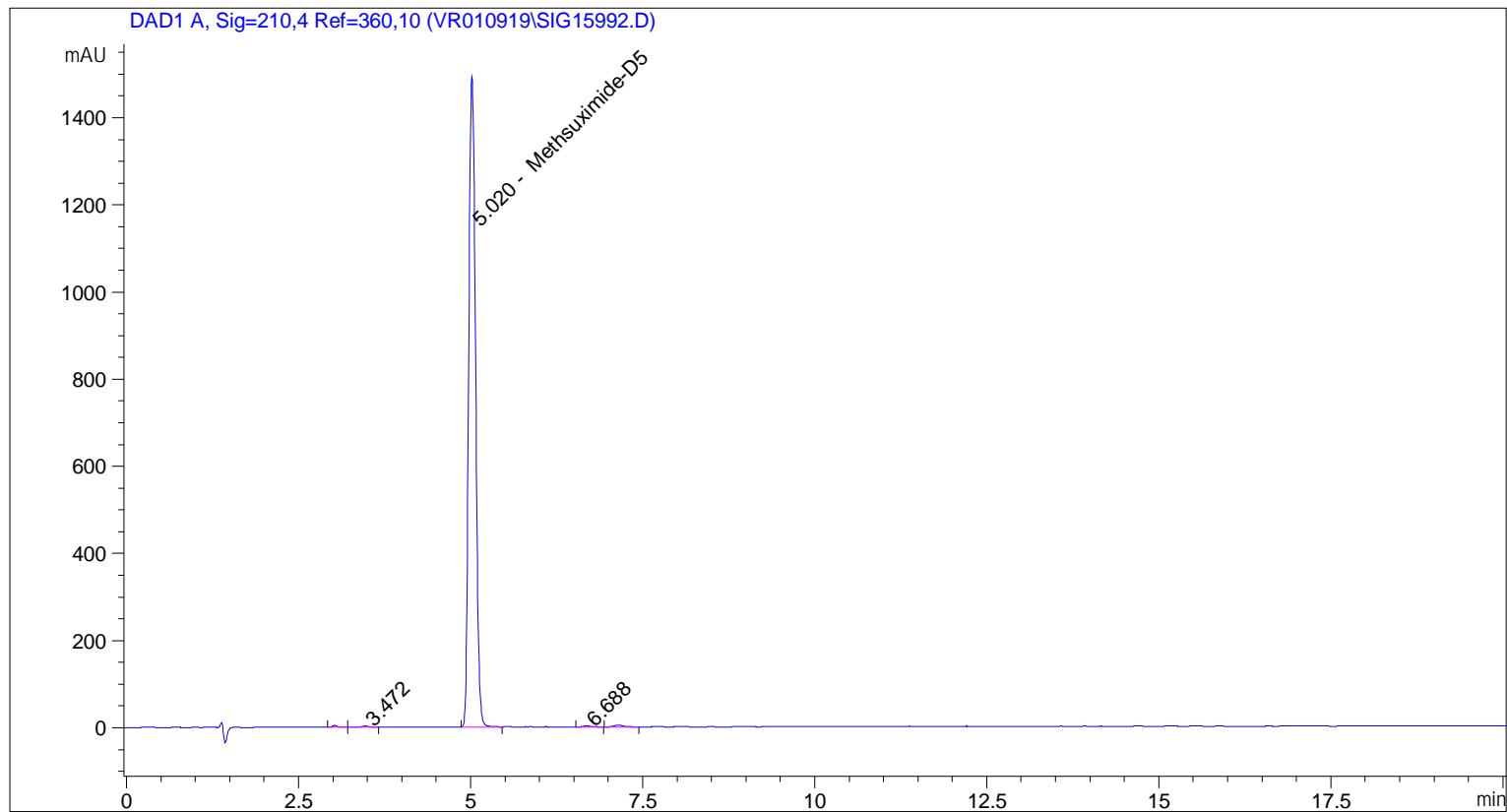
pp_2019_114_GR_14_085b 131 (2.489) Sm (SG, 2x5.00); Sb (2,10.00); Cm (130:140-10:20)

TOF MS ES+
8.19e3



Expansion of above showing intensity labels.

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Acq. Operator : vrusu
Acq. Instrument : Instrument 1 Location : Vial 36
Injection Date : 10/15/2019 7:57:28 AM Inj Volume : 3.0 µl
Acq. Method : C:\CHEM32\1\METHODS\VR101519_085.M
Last changed : 10/15/2019 7:56:23 AM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR101519_085PM.M
Last changed : 10/15/2019 11:09:48 AM by vrusu



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Area Percent Report
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Sorted By : Signal
Calib. Data Modified : 10/15/2019 11:09:29 AM
Multiplier: : 1.0000
Dilution: : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: DAD1 A, Sig=210,4 Ref=360,10

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	3.024	BB	0.0735	20.97597	0.2022	?
2	3.472	BB	0.1008	23.53084	0.2269	?
3	5.020	BB	0.1103	1.02619e4	98.9318	Methsuximide-D5
4	6.688	BB	0.1348	22.92500	0.2210	?
5	7.148	BB	0.1413	43.37370	0.4182	?

Totals : 1.03727e4

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*** End of Report ***