

Name: Bilastine-D6

Lot#: GR-8-099

Test Date: 16/06/2016 (re-test date: 16/06/2021)

CAS No.: 1215358-58-9

MF: C₂₈H₃₁D₆N₃O₃

MW: 469.65

Appearance: Off-White solid

Purity: 98.2% by HPLC; >99.5 atom %D

¹H-NMR: Conforms (contains a trace of IPA)

MS-ESI (+) Conforms (shows peak at m/z = 470.32 [M+H]⁺)

Approved by:

Date: 05/07/2016

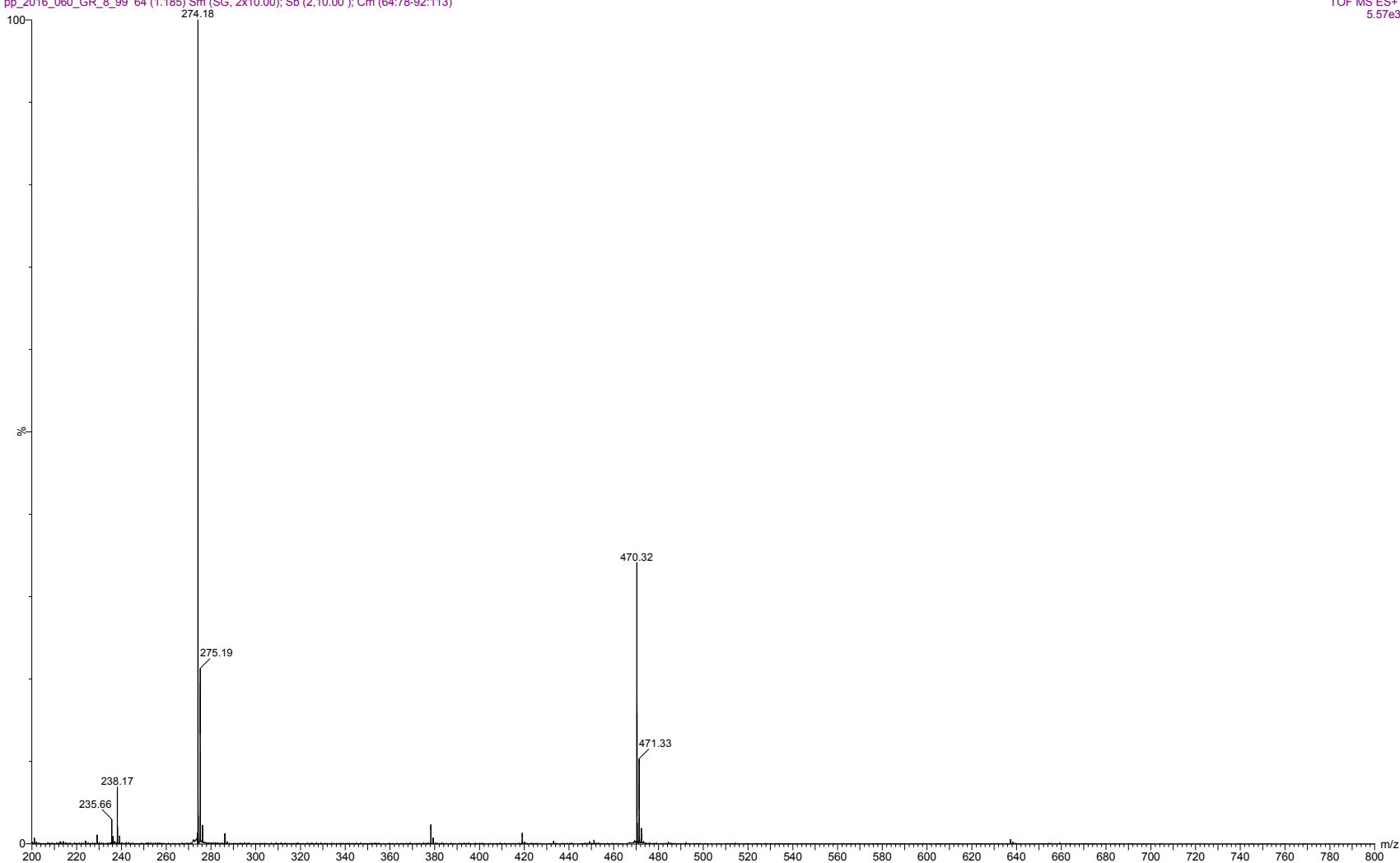


Viorica Rusu, QC/QA Manager

pp_2016_060_GR_8_99 64 (1.185) Sm (SG, 2x10.00); Sb (2,10.00); Cm (64:78-92:113)

7.00000000

17-Jun-2016, 13:44:13
TOF MS ES+
5.57e3

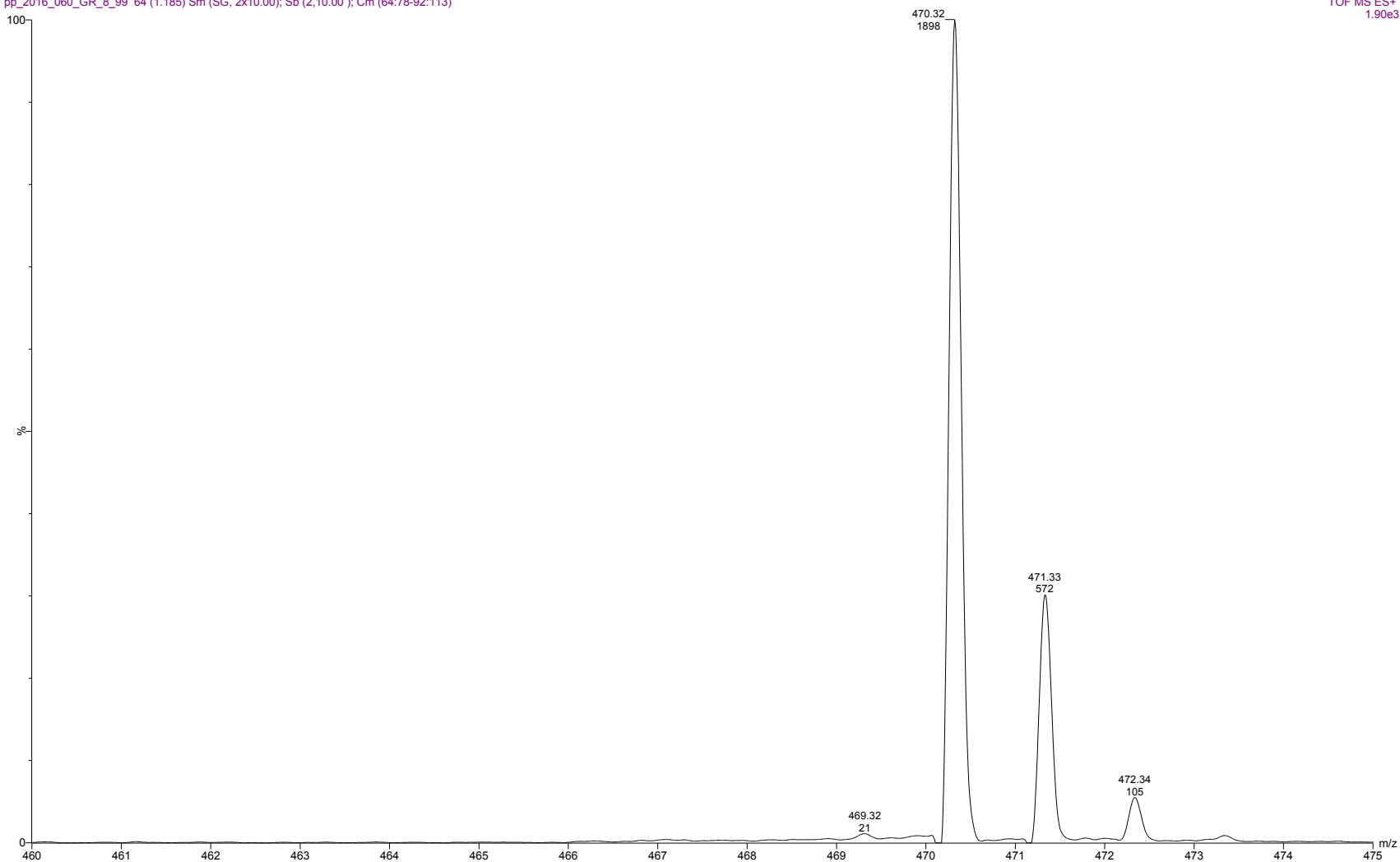


ESI-MS spectrum for sample GR-8-099. Shows monoisotopic $[M+H]^+$ mass.

pp_2016_060_GR_8_99 64 (1.185) Sm (SG, 2x10.00); Sb (2,10.00); Cm (64:78-92:113)

7.00000000

17-Jun-2016, 13:44:13
TOF MS ES+
1.90e3



Expansion of above with intensity labels.

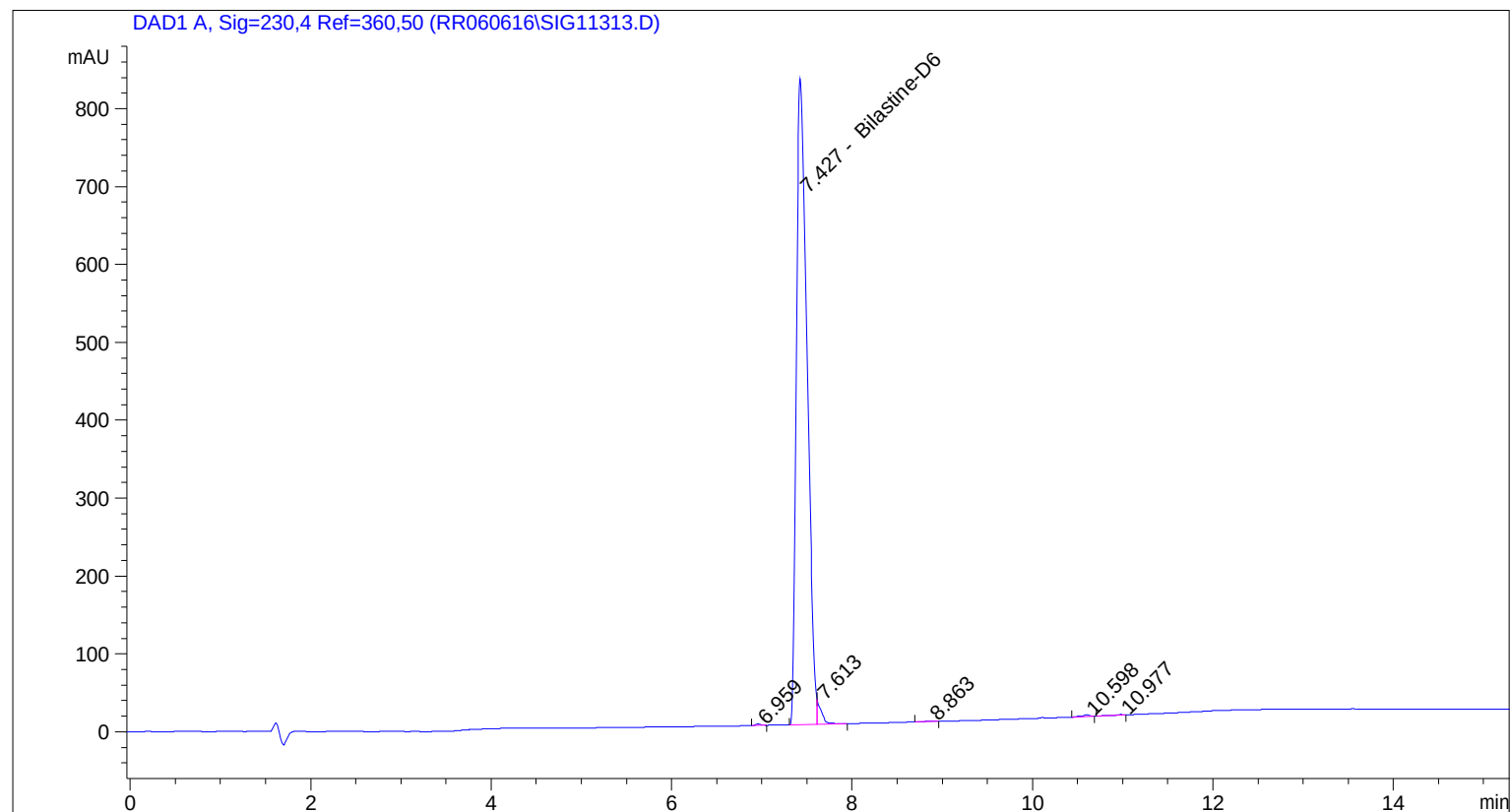
Sample Name: GR-8-099

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Acq. Operator   : rrusu
Acq. Instrument : Instrument 1                Location : Vial 58
Injection Date  : 6/16/2016 9:50:00 AM
                                           Inj Volume : 10.0 µl

Acq. Method     : C:\CHEM32\1\METHODS\RR090315_161.M
Last changed    : 6/16/2016 9:44:27 AM by rrusu
                  (modified after loading)

Analysis Method : C:\CHEM32\1\METHODS\RR061716_099PM.M
Last changed    : 6/17/2016 8:34:23 AM by rrusu
                  (modified after loading)

Sample Info     : Zorbax Eclipse XSB C18, 4.6x150mm, 3.5µ
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=====
                        Area Percent Report
=====
```

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Sorted By           :      Signal
Calib. Data Modified :      Friday, June 17, 2016 8:34:23 AM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs
```

Signal 1: DAD1 A, Sig=230,4 Ref=360,50

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	6.959	BB	0.0596	7.63436	0.1086	?
2	7.427	BF	0.1312	6903.37061	98.1586	Bilastine-D6
3	7.613	VB	0.0524	101.09006	1.4374	?

Sample Name: GR-8-099

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
4	8.863	BB	0.0805	4.11573	0.0585	?
5	10.598	BB	0.0784	12.78481	0.1818	?
6	10.977	BB	0.0733	3.87895	0.0552	?

Totals : 7032.87451

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*** End of Report ***

Bilastine-D6
1H-NMR, 600 MHz
Solvent: DMSO-D6
Lot No.: GR-8-099

7.50
7.477.21
7.17
7.11

4.35

3.61

3.31

3.03

2.71

2.45

2.07

1.84

0.97
0.96
0.95

8.5 8.0 7.5 7.0 6.5 6.0 5.5 5.0 4.5 4.0 3.5 3.0 2.5 2.0 1.5 1.0 0.5 0.0

f1 (ppm)

11000
10000
9000
8000
7000
6000
5000
4000
3000
2000
1000
0