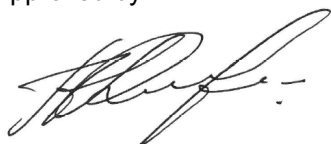


Name:	Dydrogesterone-D6 (major)
Lot#:	GR-12-297
Test Date:	02/29/2024 (re-test date: 02/29/2029)
CAS No.:	152-62-5 (unlabeled)
MF:	C ₂₁ H ₂₂ D ₆ O ₂
MW:	318.49
Appearance:	Yellow solid
Purity:	99.2% by HPLC (average of two sample preparations); >98% atom D
¹H-NMR:	Conforms (shows a trace of THF)
MS-ESI (+)	Conforms (shows peak at m/z = 319.25 [M+H] ⁺)

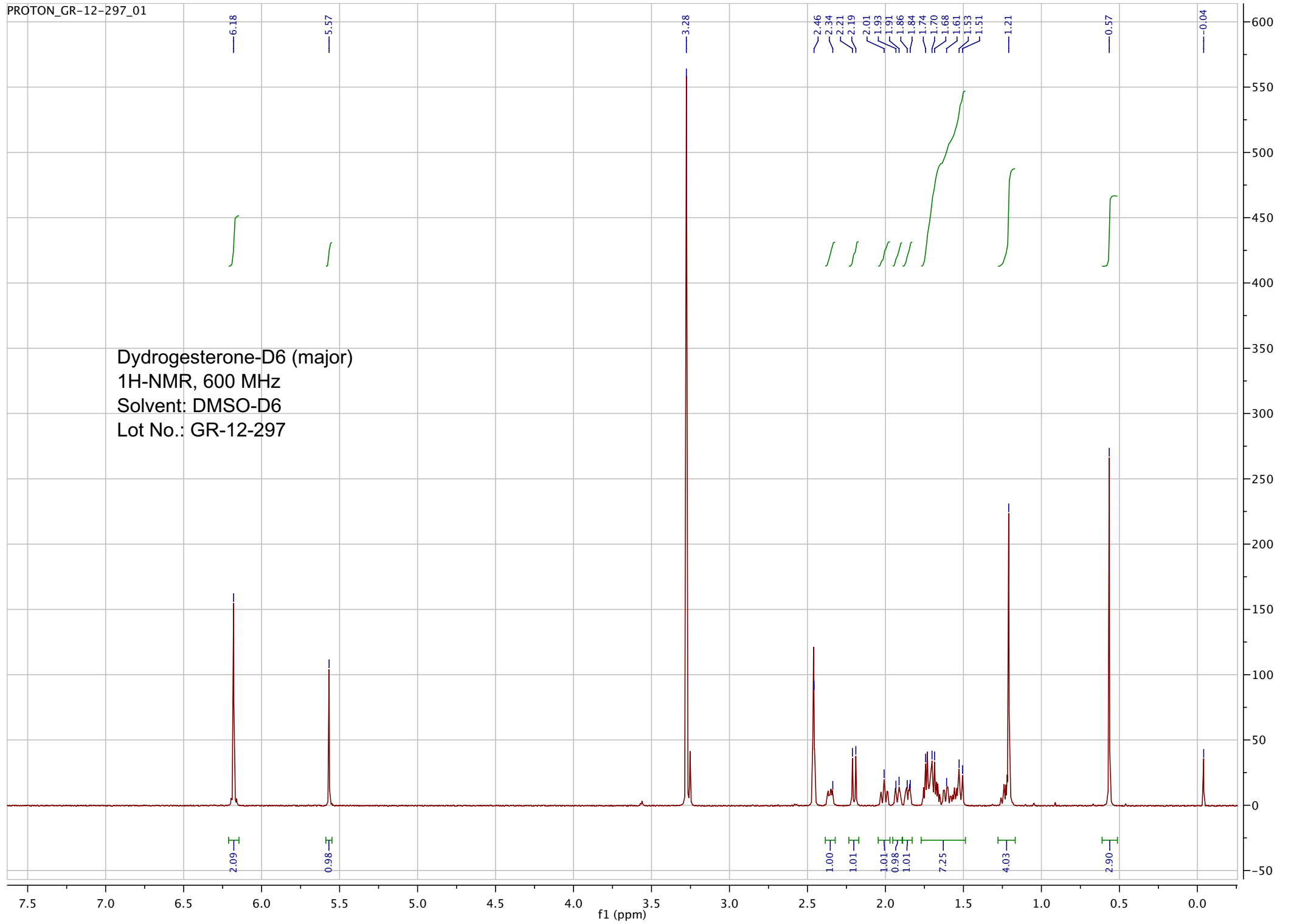
Approved by:

Date: 02/29/2024



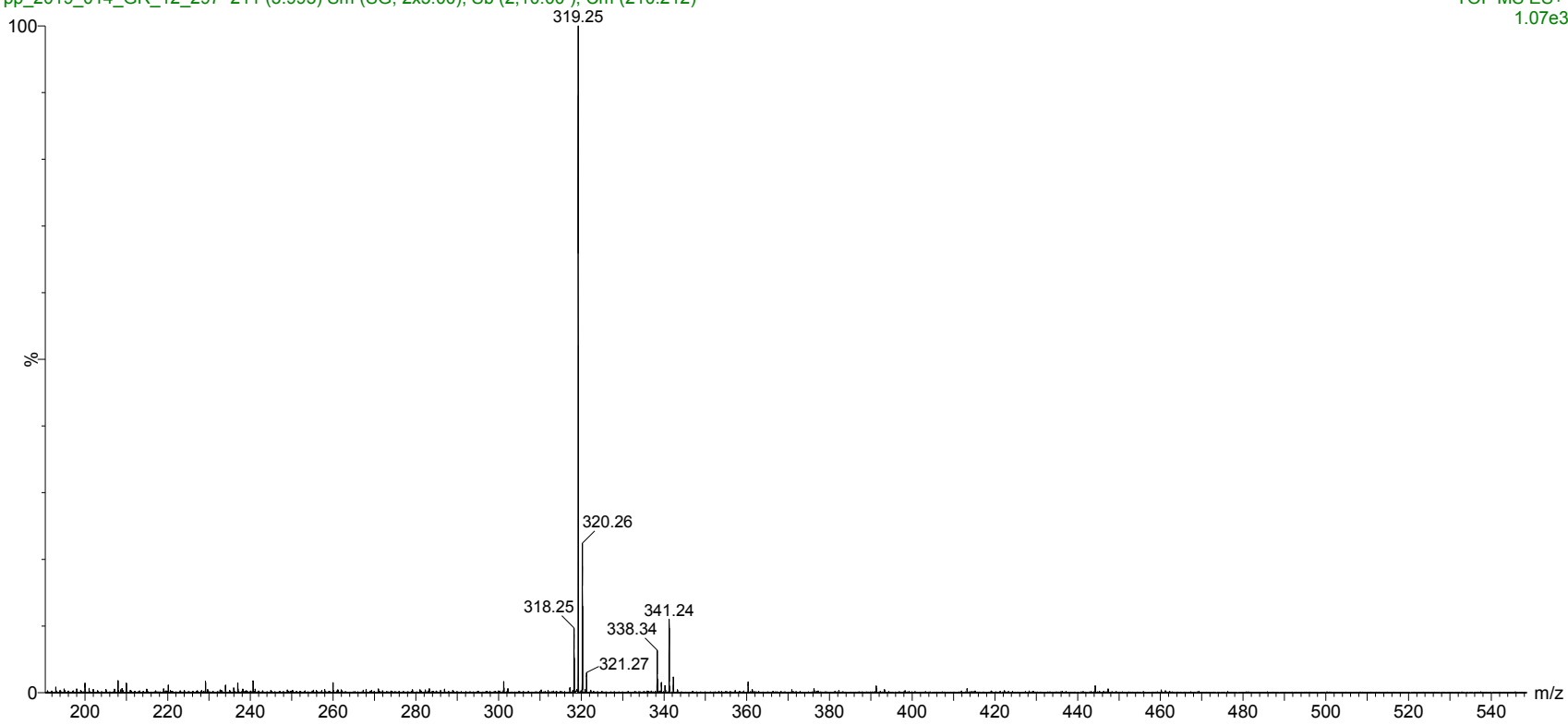
Viorica Rusu, QC/QA Manager

Dydrogesterone-D6 (major)
1H-NMR, 600 MHz
Solvent: DMSO-D6
Lot No.: GR-12-297



pp_2019_014_GR_12_297 211 (3.995) Sm (SG, 2x5.00); Sb (2,10.00); Cm (210:212)

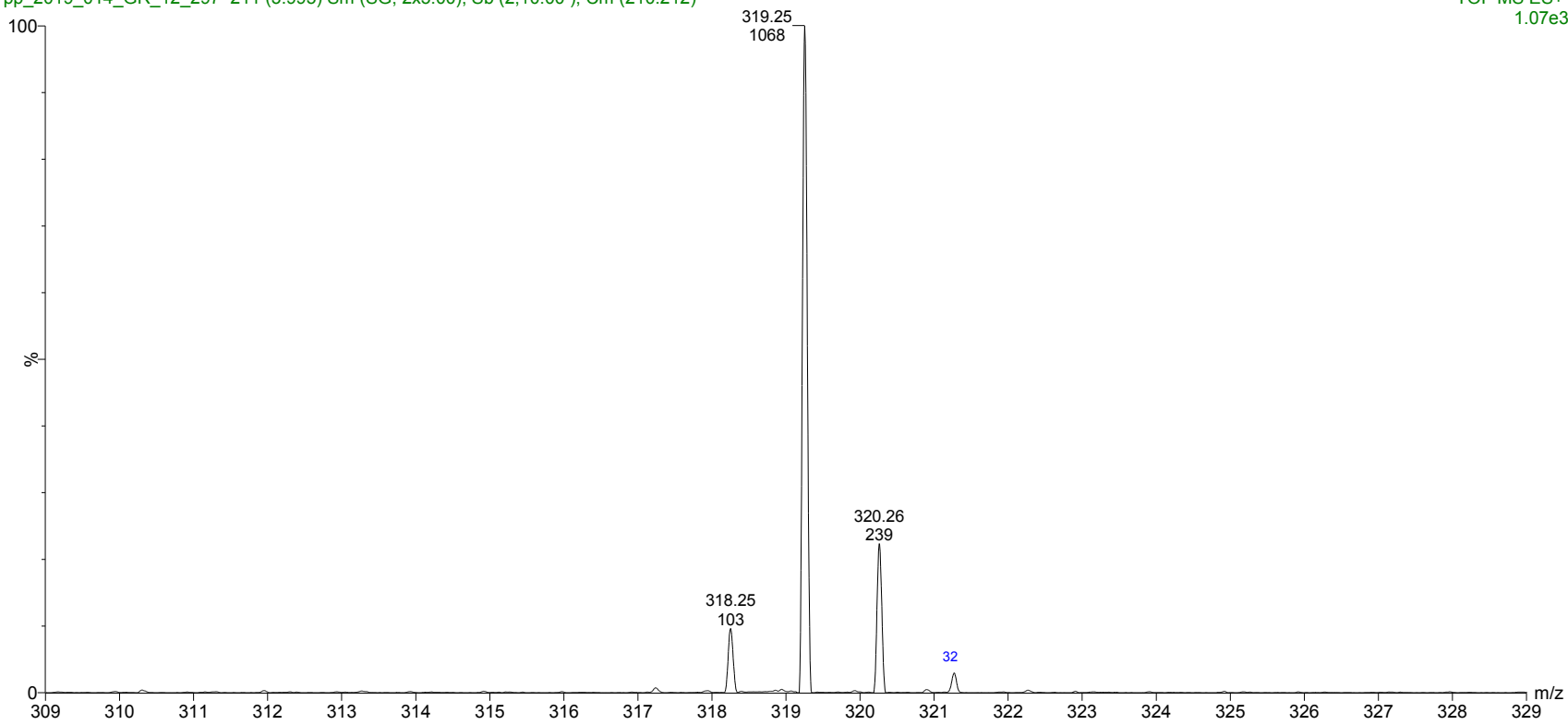
TOF MS ES+
1.07e3



ESI-MS spectrum for sample GR-12-297. Shows monoisotopic $[M+H]^+$ mass.

pp_2019_014_GR_12_297 211 (3.995) Sm (SG, 2x5.00); Sb (2,10.00); Cm (210:212)

TOF MS ES+
1.07e3



Expansion of above showing intensity values.

Sample Name: GR-12-297 spl-2

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*** End of Report ***

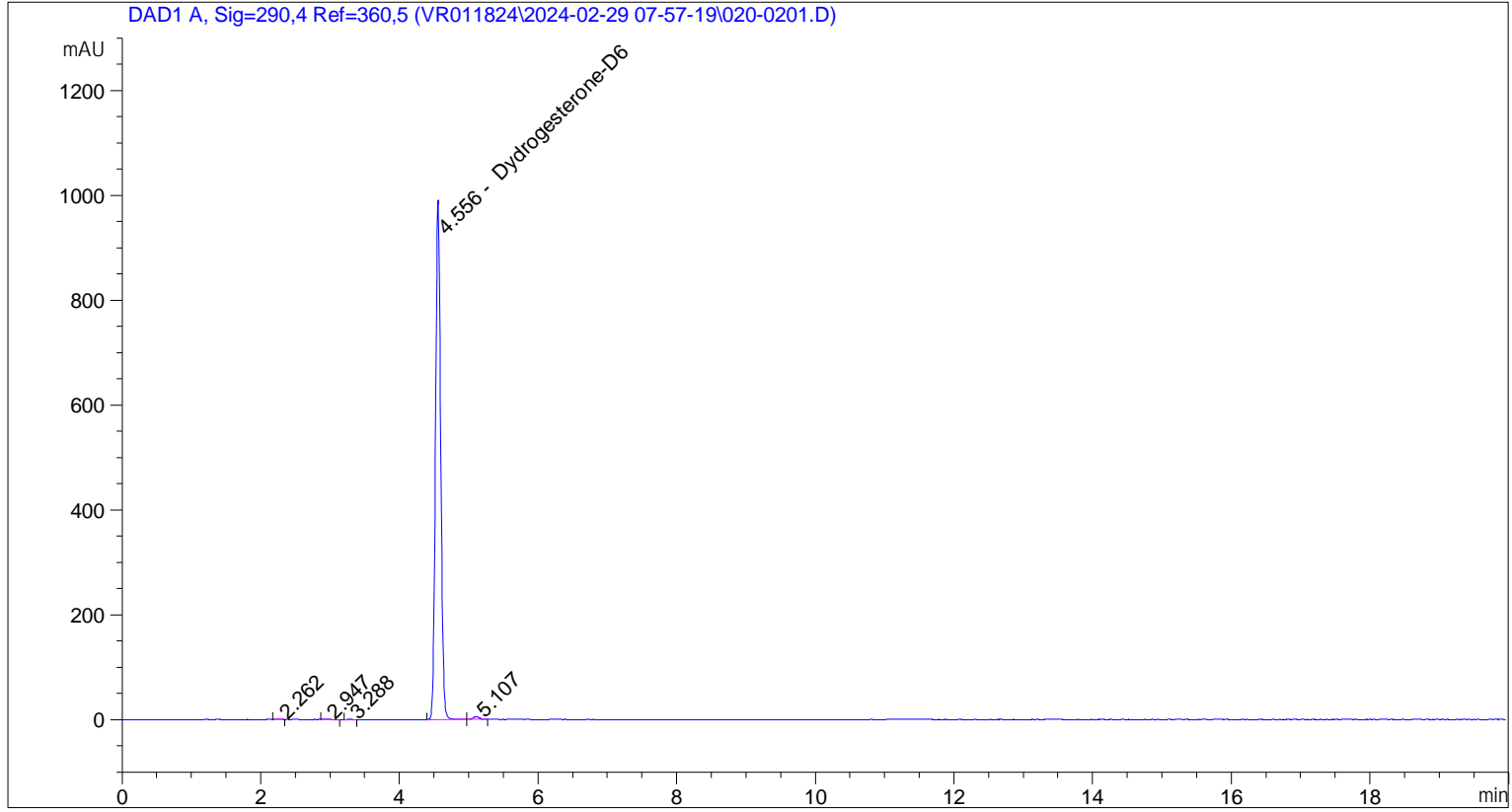
Sample Name: GR-12-297

```

=====
Acq. Operator   : vrusu                               Seq. Line :    2
Acq. Instrument : Instrument 1                         Location  : Vial 20
Injection Date  : 2/29/2024 8:19:46 AM                Inj       :    1
                                                    Inj Volume: 5.0 µl

Acq. Method     : C:\CHEM32\1\DATA\VR011824\2024-02-29 07-57-19\VR022924_297.M
Last changed    : 2/29/2024 7:56:46 AM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR022924_297PM.M
Last changed    : 2/29/2024 9:11:24 AM by vrusu
=====

```



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=====
                          Area Percent Report
=====

```

```

Sorted By           :      Signal
Calib. Data Modified :      2/29/2024 9:10:31 AM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs

```

Signal 1: DAD1 A, Sig=290,4 Ref=360,5

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	2.262	BB	0.0909	9.00650e-1	0.0173	?
2	2.947	BB	0.0663	1.82705	0.0350	?
3	3.288	BB	0.0601	7.38902e-1	0.0142	?
4	4.556	BV	0.0809	5177.10742	99.2592	Dydrogesterone-D6
5	5.107	VB	0.0972	35.17110	0.6743	?

Totals : 5215.74513

Sample Name: GR-12-297

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*** End of Report ***