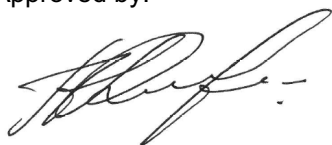


Name:	Deflazacort-D5 (major)
Lot#:	GR-12-159
Test Date:	02/10/2024 (re-test date: 02/10/2029)
CAS No.:	14484-47-0 (unlabeled)
MF:	C ₂₅ H ₂₆ D ₅ NO ₆
MW:	446.55
Appearance:	Off-White Solid
Purity:	97.7% by HPLC (average of two sample preparations); >98% atom D
¹H-NMR:	Conforms (shows a trace of MeOH)
MS-ESI (+)	Conforms (shows peak at m/z = 447.24 [M+H] ⁺)
Storage	Store at -18°C in a dry place away from direct sunlight

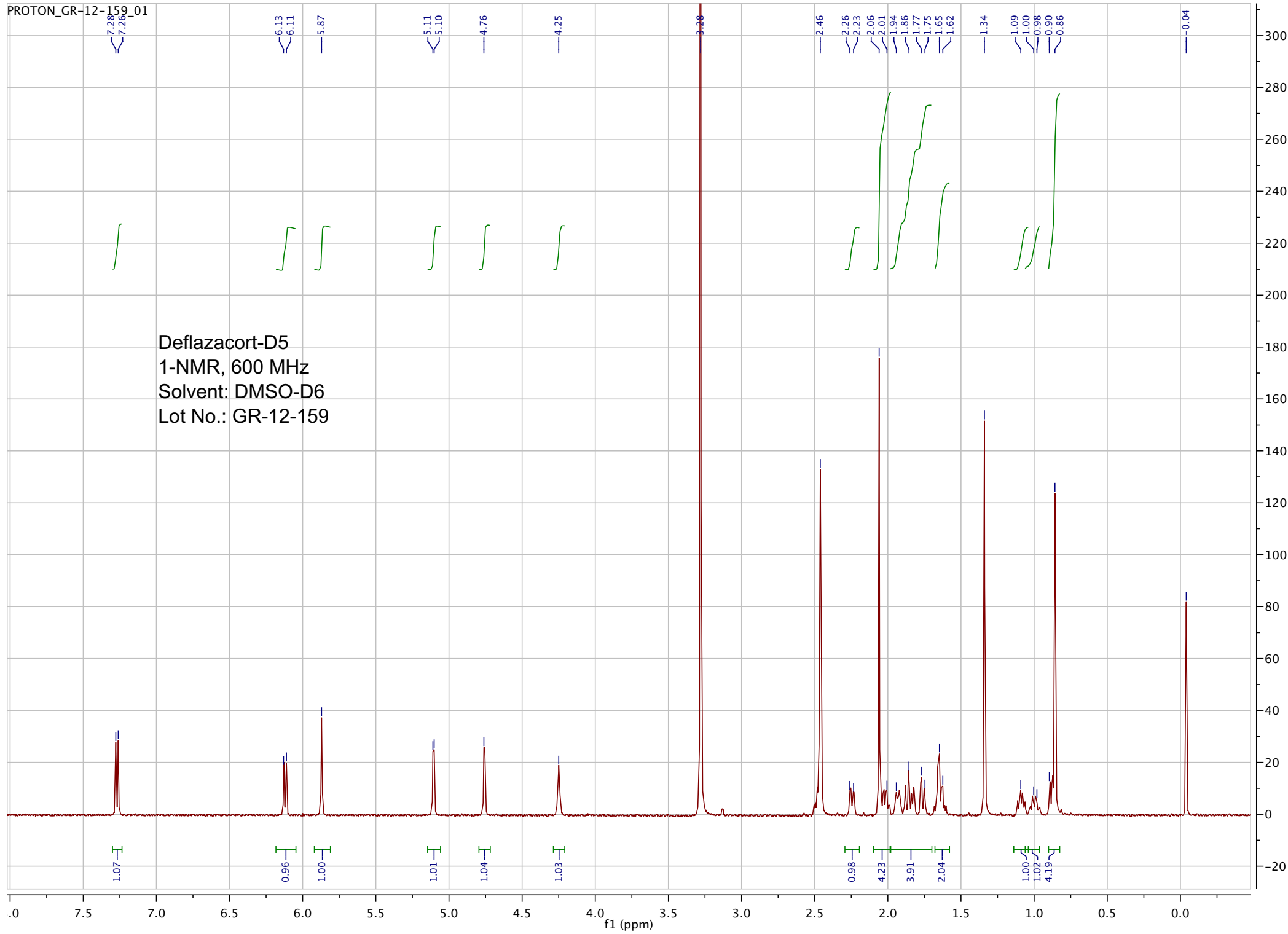
Approved by:

Date: 02/12/2024



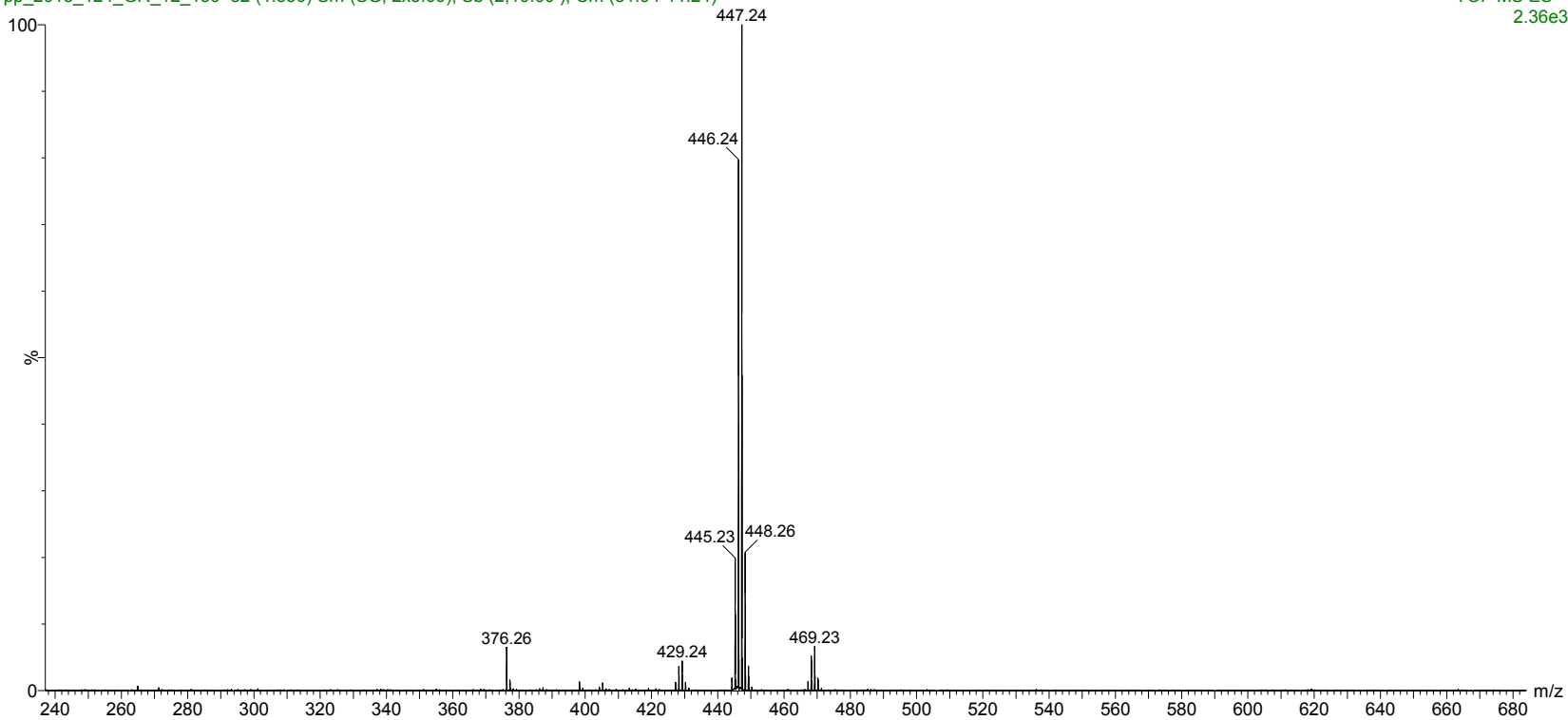
Viorica Rusu, QC/QA Manager

Deflazacort-D5
1-NMR, 600 MHz
Solvent: DMSO-D6
Lot No.: GR-12-159



pp_2018_124_GR_12_159 82 (1.530) Sm (SG, 2x5.00); Sb (2,10.00); Cm (81:94-11:24)

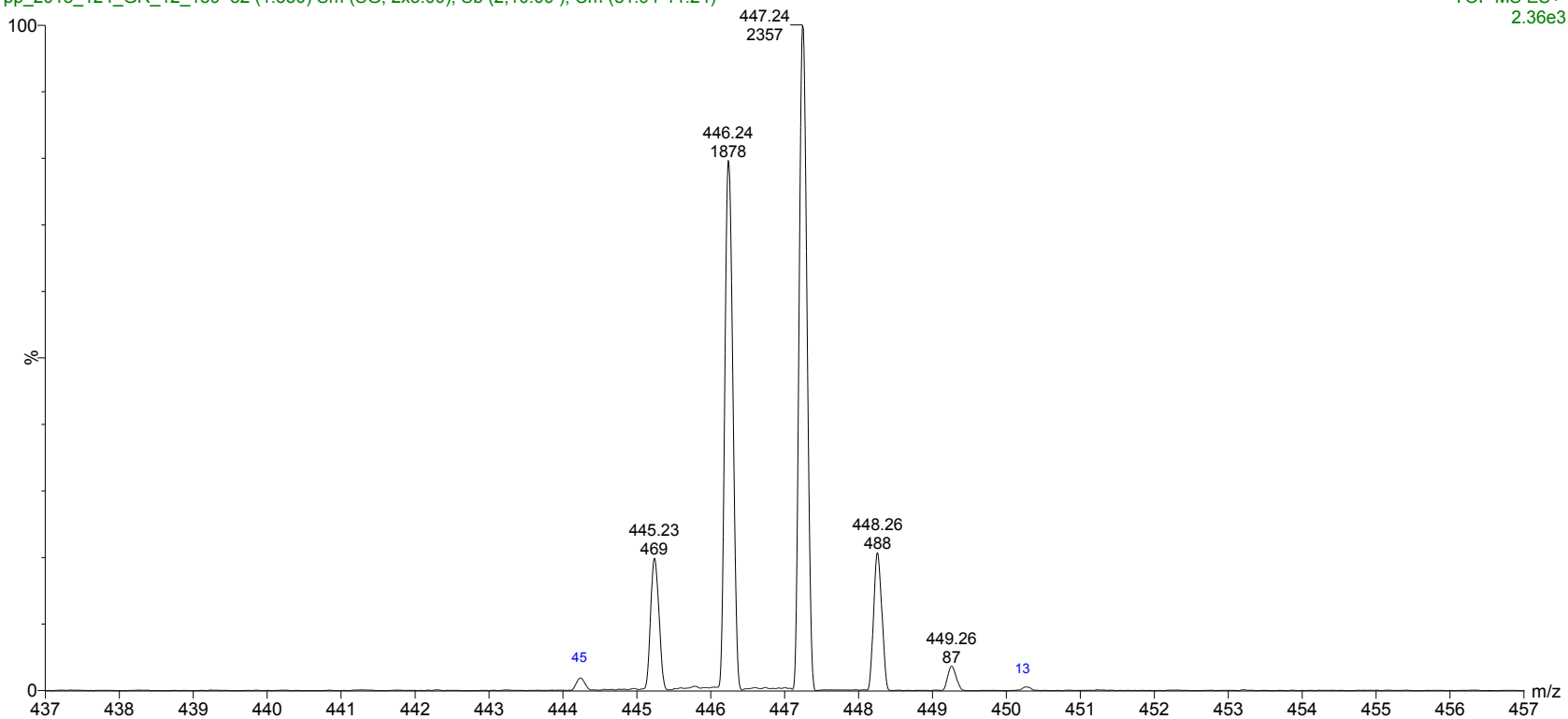
TOF MS ES+
2.36e3



ESI-MS spectrum for sample GR-12-159-149. Shows monoisotopic $[M+H]^+$ mass.

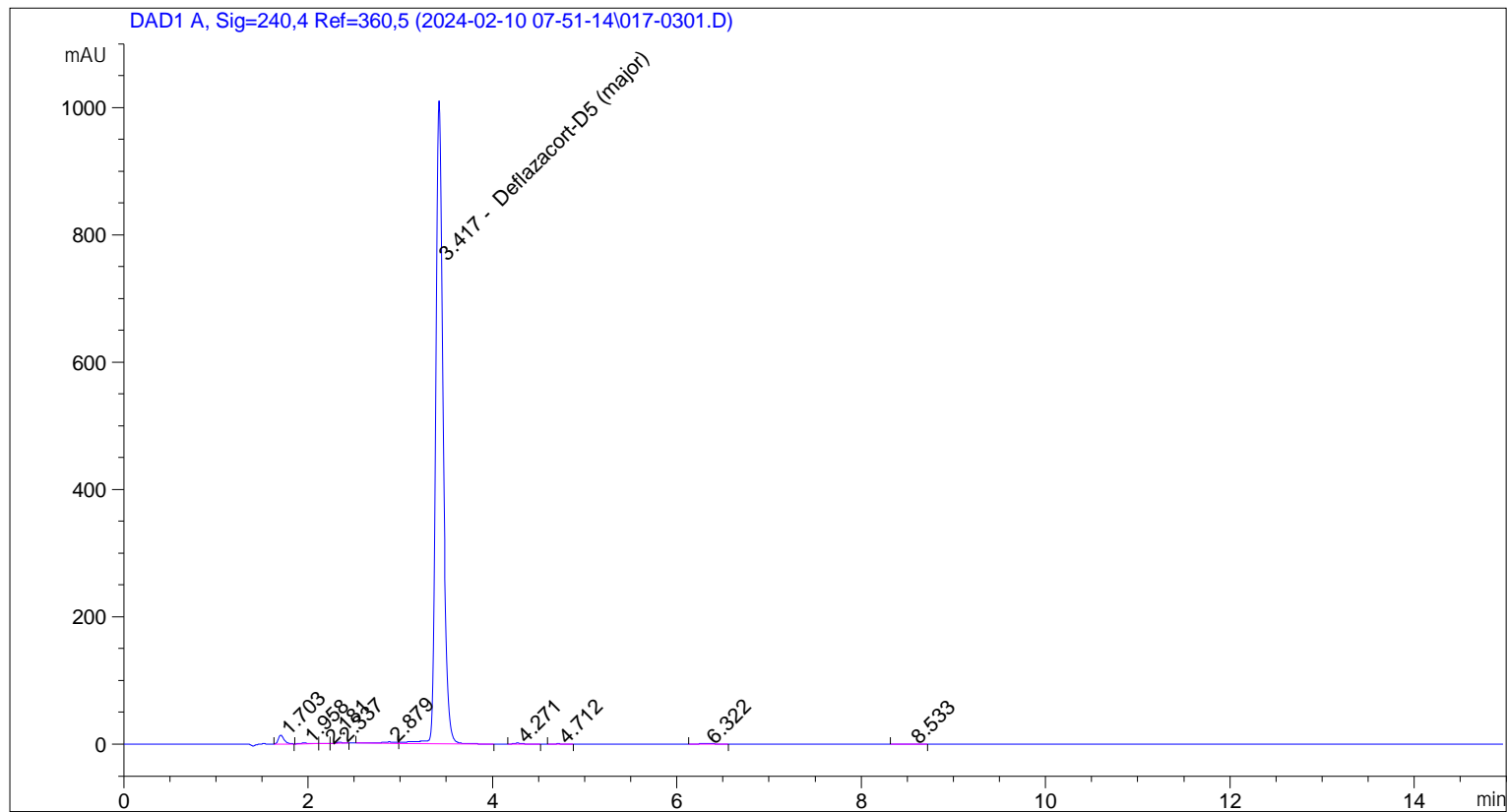
pp_2018_124_GR_12_159 82 (1.530) Sm (SG, 2x5.00); Sb (2,10.00); Cm (81:94-11:24)

TOF MS ES+
2.36e3



Expansion of above showing intensity labels.

```
=====
Acq. Operator   : vrusu                               Seq. Line :    3
Acq. Instrument : Instrument 1                         Location  : Vial 17
Injection Date  : 2/10/2024 8:25:08 AM                Inj       :    1
                                                    Inj Volume: 5.0 µl
Acq. Method     : C:\CHEM32\1\DATA\2024-02-10 07-51-14\VR021024_159.M
Last changed    : 2/10/2024 7:51:08 AM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR021024_159_PM.M
Last changed    : 2/10/2024 8:50:59 AM by vrusu
=====
```



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

```
Sorted By           :      Signal
Calib. Data Modified :      2/10/2024 8:50:43 AM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Do not use Multiplier & Dilution Factor with ISTDs
```

Signal 1: DAD1 A, Sig=240,4 Ref=360,5

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	3.417	VB	0.0819	5531.92627	97.6450	Deflazacort-D5 (major)

Totals : 5531.92627 97.6450

Uncalibrated Peaks:

Sample Name: GR-12-159 spl-2

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	1.703	BB	0.0621	57.30019	1.0114	?
2	1.958	BV	0.0894	7.44300	0.1314	?
3	2.181	VV	0.0663	1.37633	0.0243	?
4	2.337	VB	0.0676	7.37848	0.1302	?
5	2.879	BV	0.1910	31.40499	0.5543	?
6	4.271	BB	0.0945	9.72633	0.1717	?
7	4.712	BB	0.1068	2.78254	0.0491	?
8	6.322	BB	0.1346	11.46791	0.2024	?
9	8.533	BB	0.1527	4.53777	0.0801	?

Uncalib. totals : 133.41754 2.3550

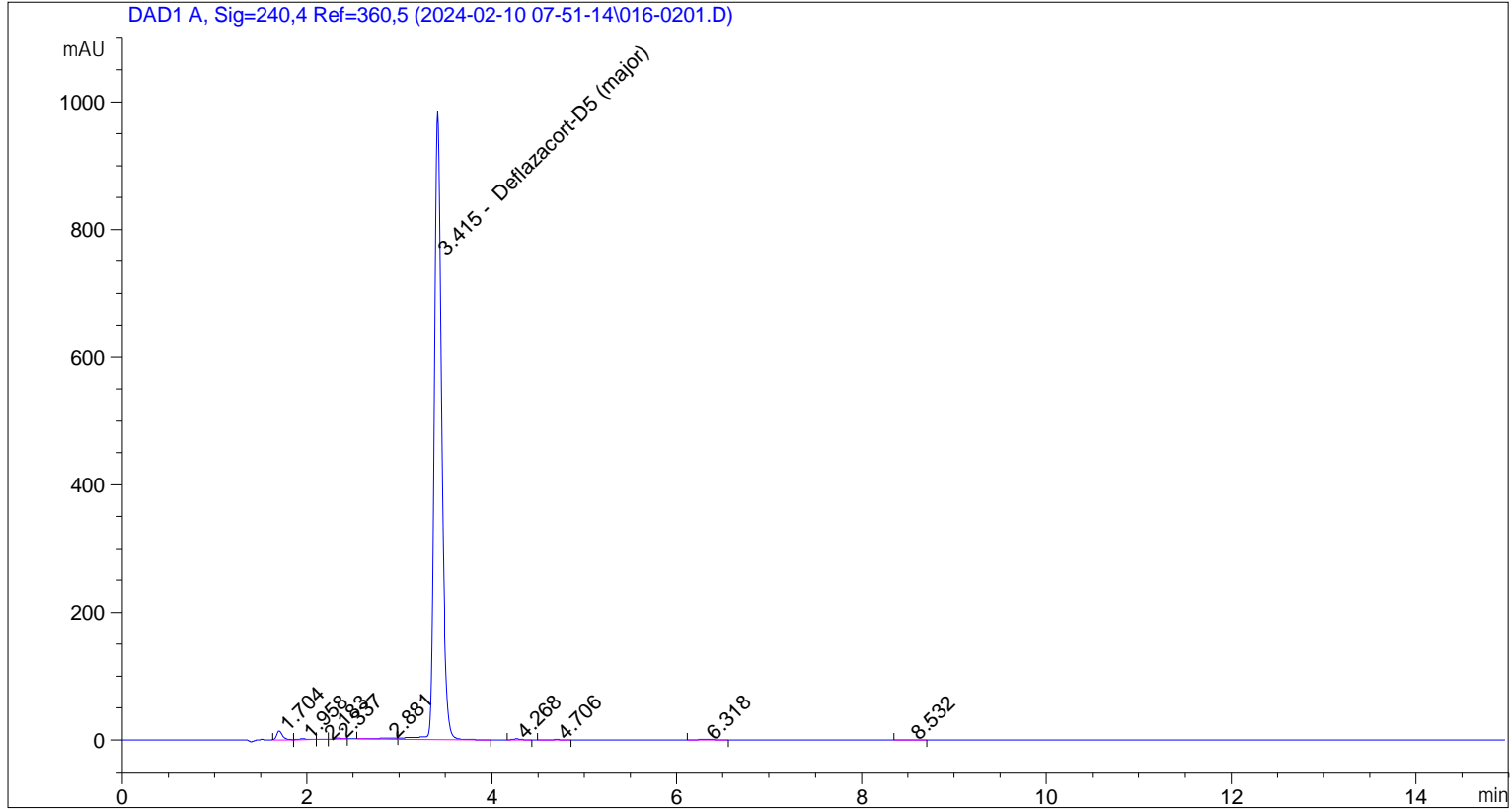
=====
*** End of Report ***

Sample Name: GR-12-159

```

=====
Acq. Operator   : vrusu                               Seq. Line :    2
Acq. Instrument : Instrument 1                         Location  : Vial 16
Injection Date  : 2/10/2024 8:08:47 AM                Inj       :    1
                                                    Inj Volume: 5.0 µl
Acq. Method    : C:\CHEM32\1\DATA\2024-02-10 07-51-14\VR021024_159.M
Last changed   : 2/10/2024 7:51:08 AM by vrusu
Analysis Method: C:\CHEM32\1\METHODS\VR021024_159_PM.M
Last changed   : 2/10/2024 8:50:59 AM by vrusu
=====

```



```

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

```

```

Sorted By           :      Signal
Calib. Data Modified :      2/10/2024 8:50:43 AM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Do not use Multiplier & Dilution Factor with ISTDs

```

Signal 1: DAD1 A, Sig=240,4 Ref=360,5

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	3.415	VB	0.0819	5389.35400	97.6504	Deflazacort-D5 (major)

```
Totals :                               5389.35400  97.6504
```

Uncalibrated Peaks:

Sample Name: GR-12-159

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	1.704	BB	0.0621	56.10036	1.0165	?
2	1.958	BV	0.0901	7.46736	0.1353	?
3	2.183	VV	0.0575	1.22061	0.0221	?
4	2.337	VB	0.0684	6.83288	0.1238	?
5	2.881	BV	0.1972	29.59074	0.5362	?
6	4.268	BB	0.0927	9.29661	0.1684	?
7	4.706	BB	0.1083	3.25751	0.0590	?
8	6.318	BB	0.1407	11.56587	0.2096	?
9	8.532	BB	0.1370	4.34341	0.0787	?

Uncalib. totals : 129.67536 2.3496

=====
*** End of Report ***