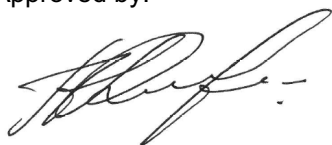


<b>Name:</b>	<b>Deflazacort-D3</b>
<b>Lot#:</b>	GR-12-139
<b>Test Date:</b>	12/07/2023 (re-test date: 12/07/2028)
<b>CAS No.:</b>	14484-47-0 (unlabeled)
<b>MF:</b>	C <sub>25</sub> H <sub>28</sub> D <sub>3</sub> NO <sub>6</sub>
<b>MW:</b>	444.54
<b>Appearance:</b>	White Solid
<b>Purity:</b>	98.7% by HPLC (average of two sample preparations); 99% atom D
<b><sup>1</sup>H-NMR:</b>	Conforms (shows a trace of EtOAc)
<b>MS-ESI (+)</b>	Conforms (shows peak at m/z = 445.29 [M+H] <sup>+</sup> )
<b>Storage</b>	Store at -18°C in a dry place away from direct sunlight

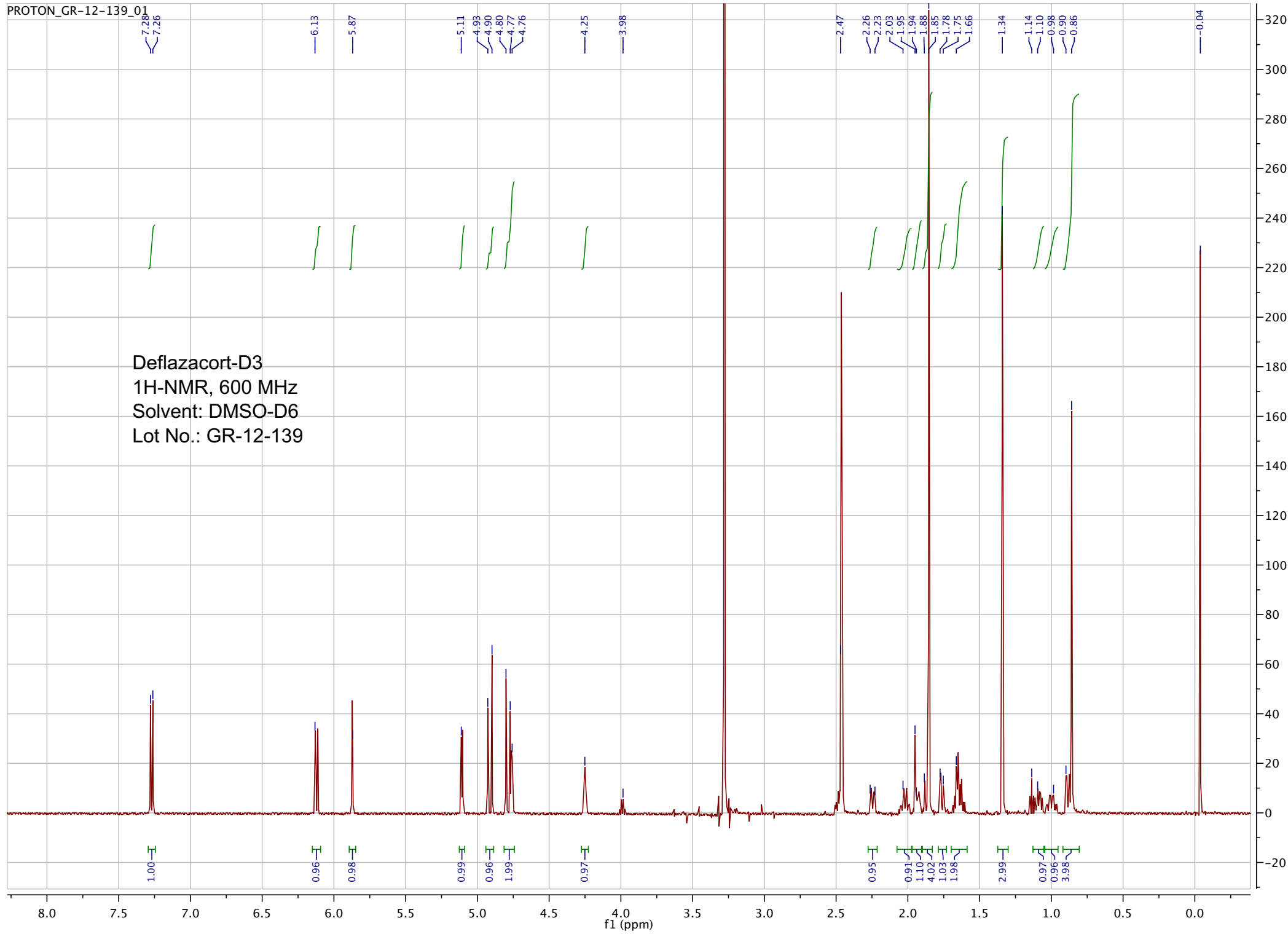
Approved by:

Date: 12/07/2023



Viorica Rusu, QC/QA Manager

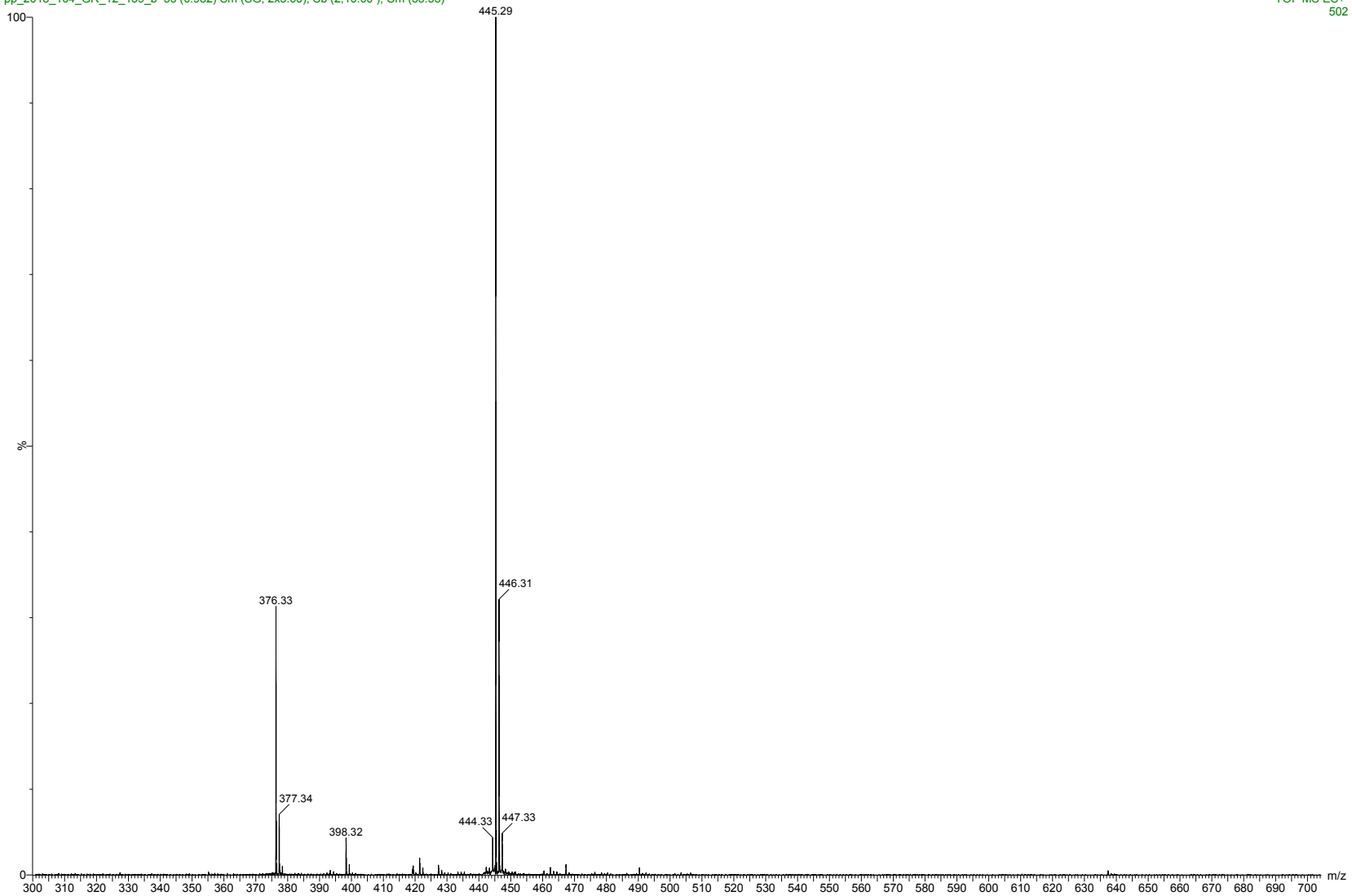
Deflazacort-D3  
1H-NMR, 600 MHz  
Solvent: DMSO-D6  
Lot No.: GR-12-139



pp\_2018\_104\_GR\_12\_139\_b 53 (0.982) Sm (SG, 2x5.00); Sb (2,10.00); Cm (53:55)

7.00000000

04-Oct-2018, 13:12:56  
TOF MS ES+  
502

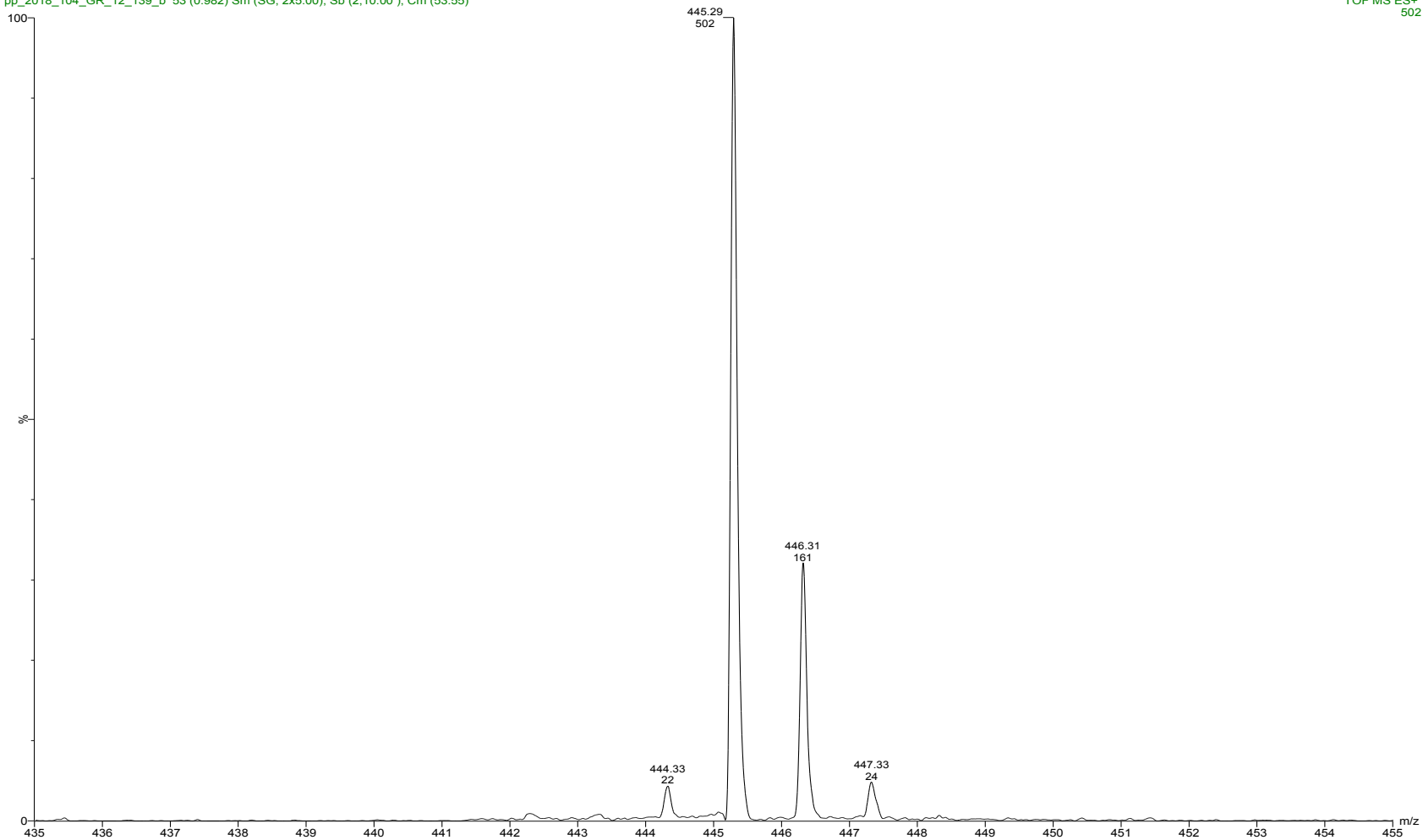


ESI-MS spectrum for sample GR-12-139. Shows monoisotopic  $[M+H]^+$  mass.

pp\_2018\_104\_GR\_12\_139\_b 53 (0.982) Sm (SG, 2x5.00); Sb (2,10.00 ); Cm (53:55)

7.0000000

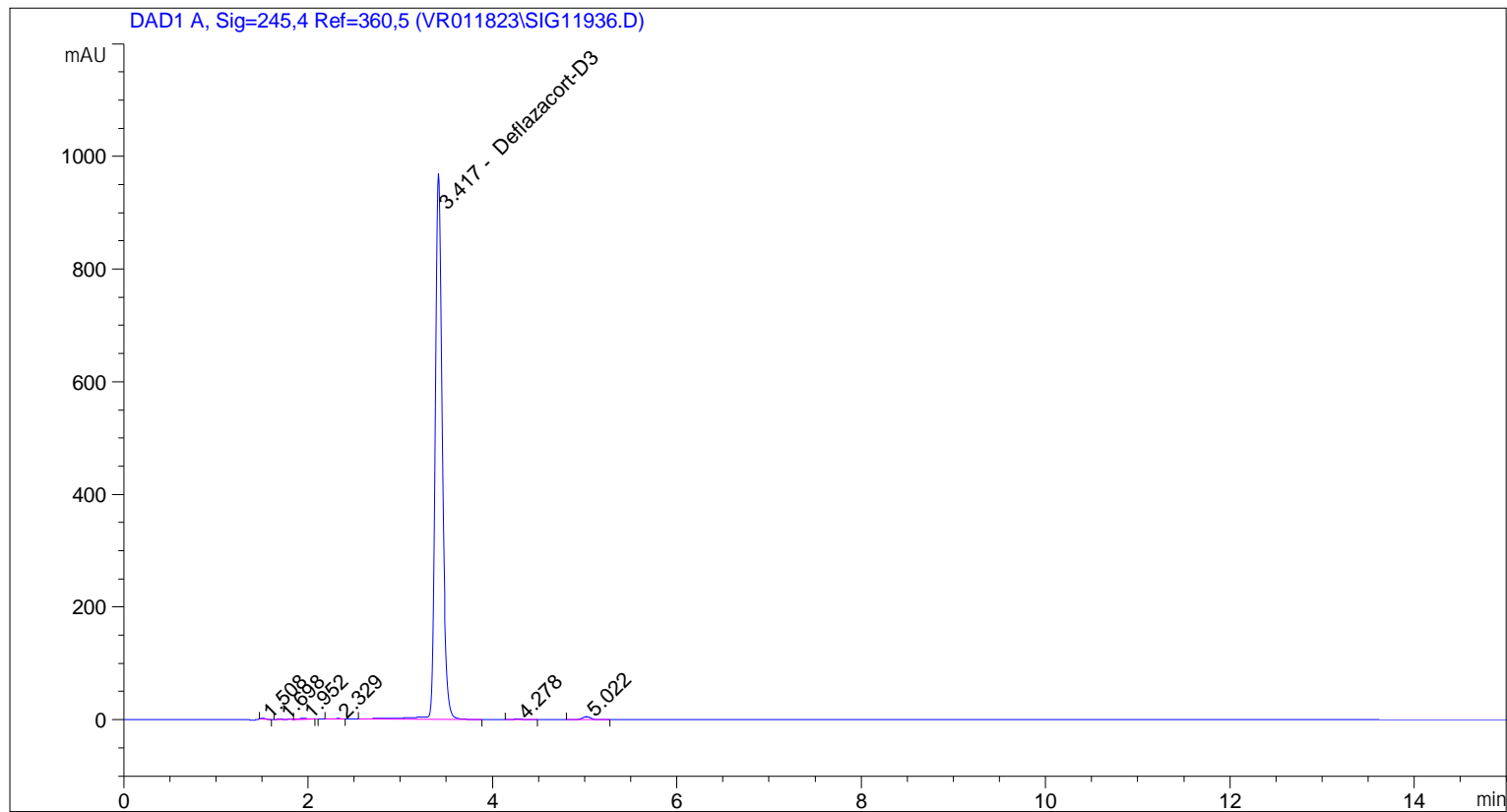
04-Oct-2018, 13:12:56  
TOF MS ES+  
502



Expansion of above showing intensity.

```

=====
Acq. Operator   : vrusu
Acq. Instrument : Instrument 1                Location : Vial 13
Injection Date  : 12/7/2023 2:34:16 PM
                                           Inj Volume : 5.0 µl
Acq. Method     : C:\CHEM32\1\METHODS\VR120723_139.M
Last changed    : 12/7/2023 2:33:26 PM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR120723_139PM.M
Last changed    : 12/7/2023 3:03:46 PM by vrusu
  
```



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

```

Sorted By      :      Signal
Calib. Data Modified :      12/7/2023 3:03:05 PM
Multiplier:    :      1.0000
Dilution:      :      1.0000
Use Multiplier & Dilution Factor with ISTDs
  
```

Signal 1: DAD1 A, Sig=245,4 Ref=360,5

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	1.508	BB	0.0524	7.15246	0.1379	?
2	1.698	VB S	0.0765	4.28082	0.0826	?
3	1.952	PB T	0.0714	10.13987	0.1955	?
4	2.329	BB	0.0715	3.00522	0.0580	?
5	3.417	BB	0.0796	5121.13037	98.7544	Deflazacort-D3
6	4.278	BB	0.0867	8.58103	0.1655	?
7	5.022	BB	0.0953	31.43501	0.6062	?

Sample Name: GR-12-139

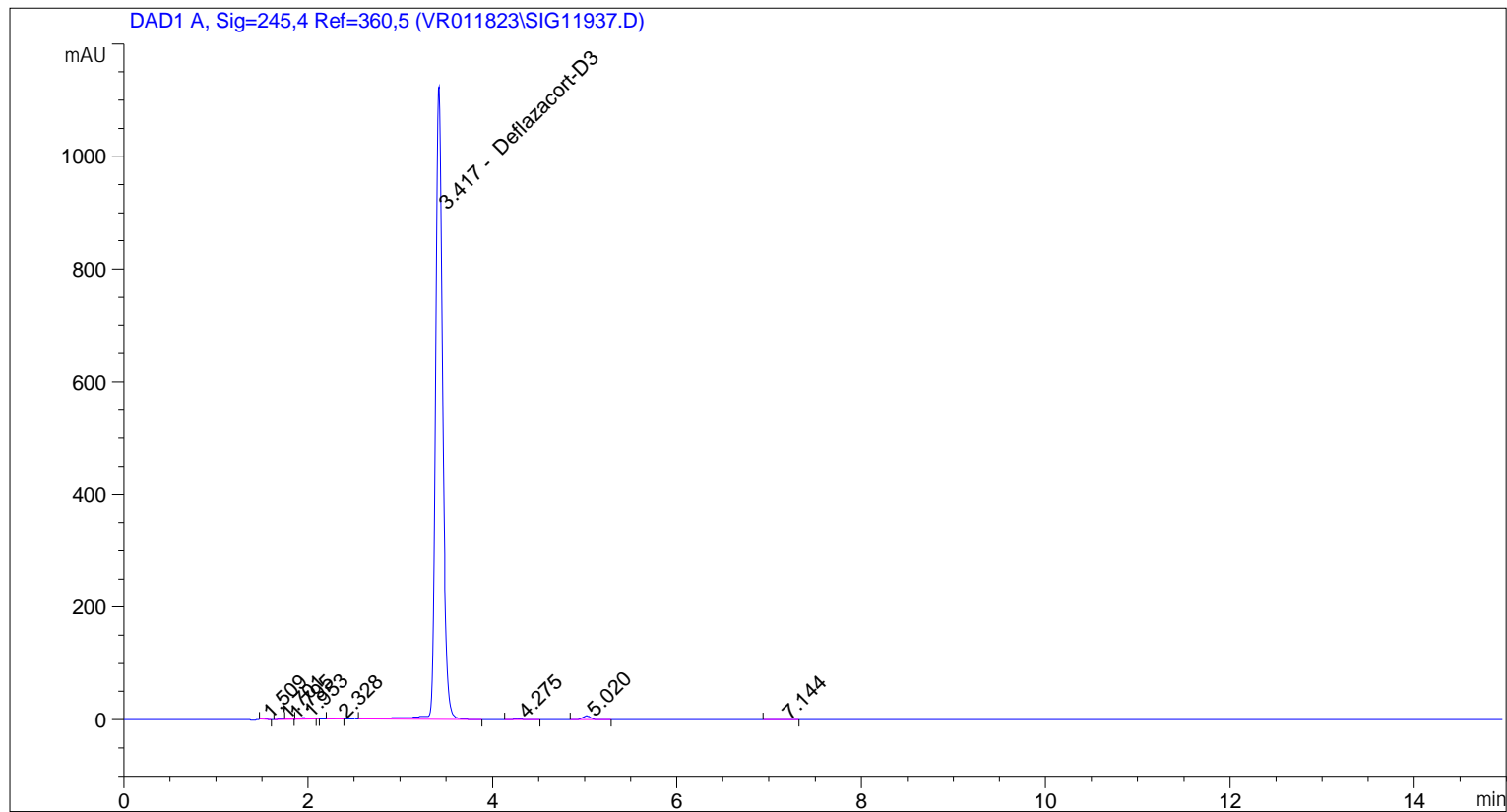
Totals : 5185.72479

=====

\*\*\* End of Report \*\*\*

```

=====
Acq. Operator   : vrusu
Acq. Instrument : Instrument 1                Location : Vial 14
Injection Date  : 12/7/2023 2:51:59 PM
                                           Inj Volume : 5.0 µl
Acq. Method    : C:\CHEM32\1\METHODS\VR120723_139.M
Last changed   : 12/7/2023 2:51:07 PM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR120723_139PM.M
Last changed   : 12/7/2023 3:03:46 PM by vrusu
  
```



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

```

Sorted By           :      Signal
Calib. Data Modified :      12/7/2023 3:03:05 PM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs
  
```

Signal 1: DAD1 A, Sig=245,4 Ref=360,5

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	1.509	BB	0.0523	5.64613	0.0937	?
2	1.701	VB S	0.0825	5.90377	0.0979	?
3	1.795	BV T	0.0496	1.48687	0.0247	?
4	1.953	PB T	0.0704	12.00085	0.1991	?
5	2.328	BB	0.0704	3.51020	0.0582	?
6	3.417	BB	0.0816	5945.39258	98.6340	Deflazacort-D3
7	4.275	BB	0.0895	9.93786	0.1649	?
8	5.020	BB	0.0938	39.30076	0.6520	?

Sample Name: GR-12-139 spl-2

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
9	7.144	BB	0.1308	4.54967	0.0755	?

Totals : 6027.72870

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