

Name: Z-Indirubin-D4 (major)
Lot#: GR-13-195
Test Date: 02/06/2025 (re-test date: 02/06/2030)
CAS No.: 906748-38-7, 479-41-4 (unlabelled)
MF: C₁₆H₆D₄N₂O₂
MW: 266.29
Appearance: Burgundy Solid
Purity: 99.7% by HPLC; >98% atom D
¹H-NMR: Conforms (shows a trace of THF)
MS-ESI (+) Conforms (shows peak at m/z = 267.11 [M+H]⁺)
Storage Store at -18°C in a dry place away from direct sunlight

Approved by:

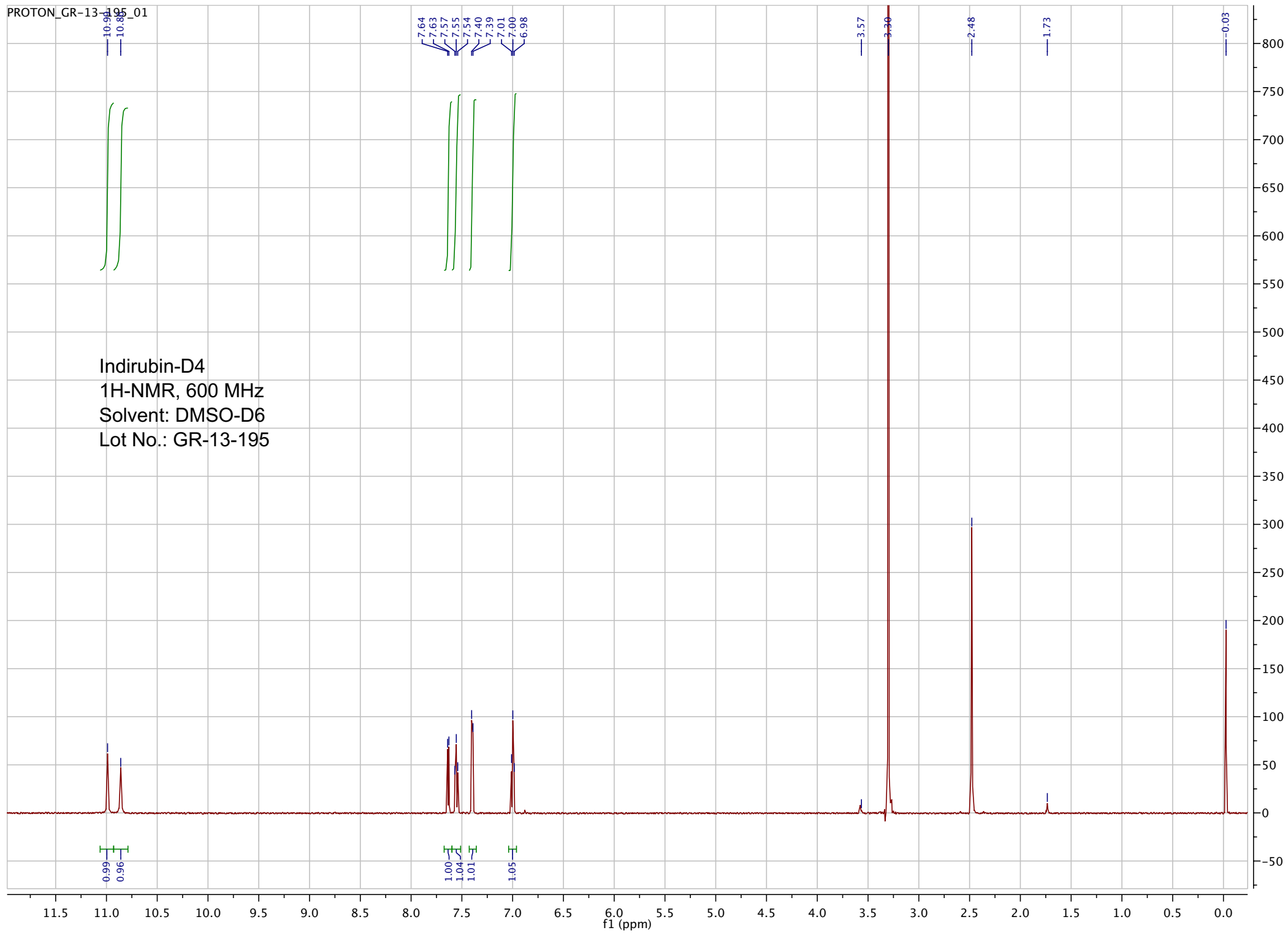
Date: 02/06/2025



Viorica Rusu, QC/QA Manager

PROTON_GR-13-195_01

Indirubin-D4
1H-NMR, 600 MHz
Solvent: DMSO-D6
Lot No.: GR-13-195

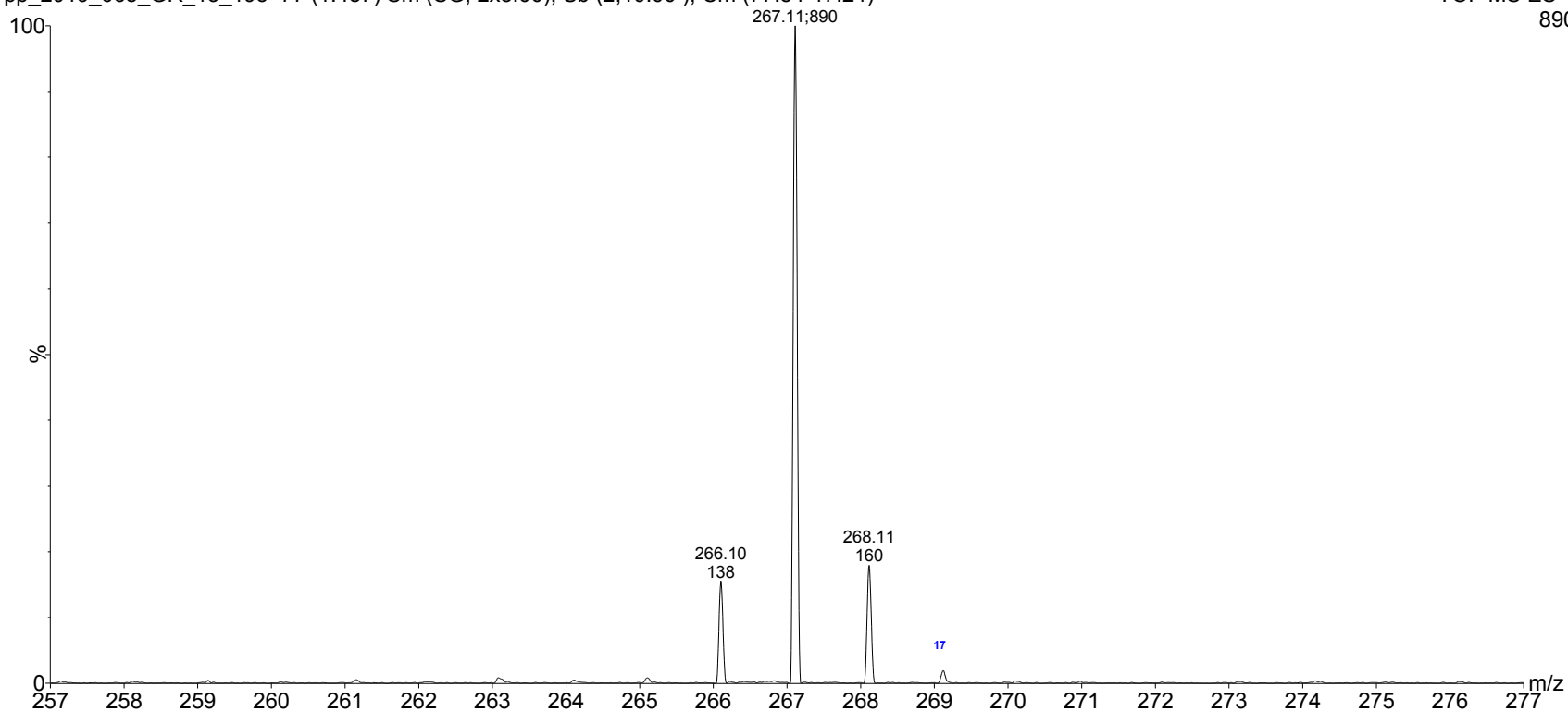


24-Jun-2019, 12:01:54

TOF MS ES+

890

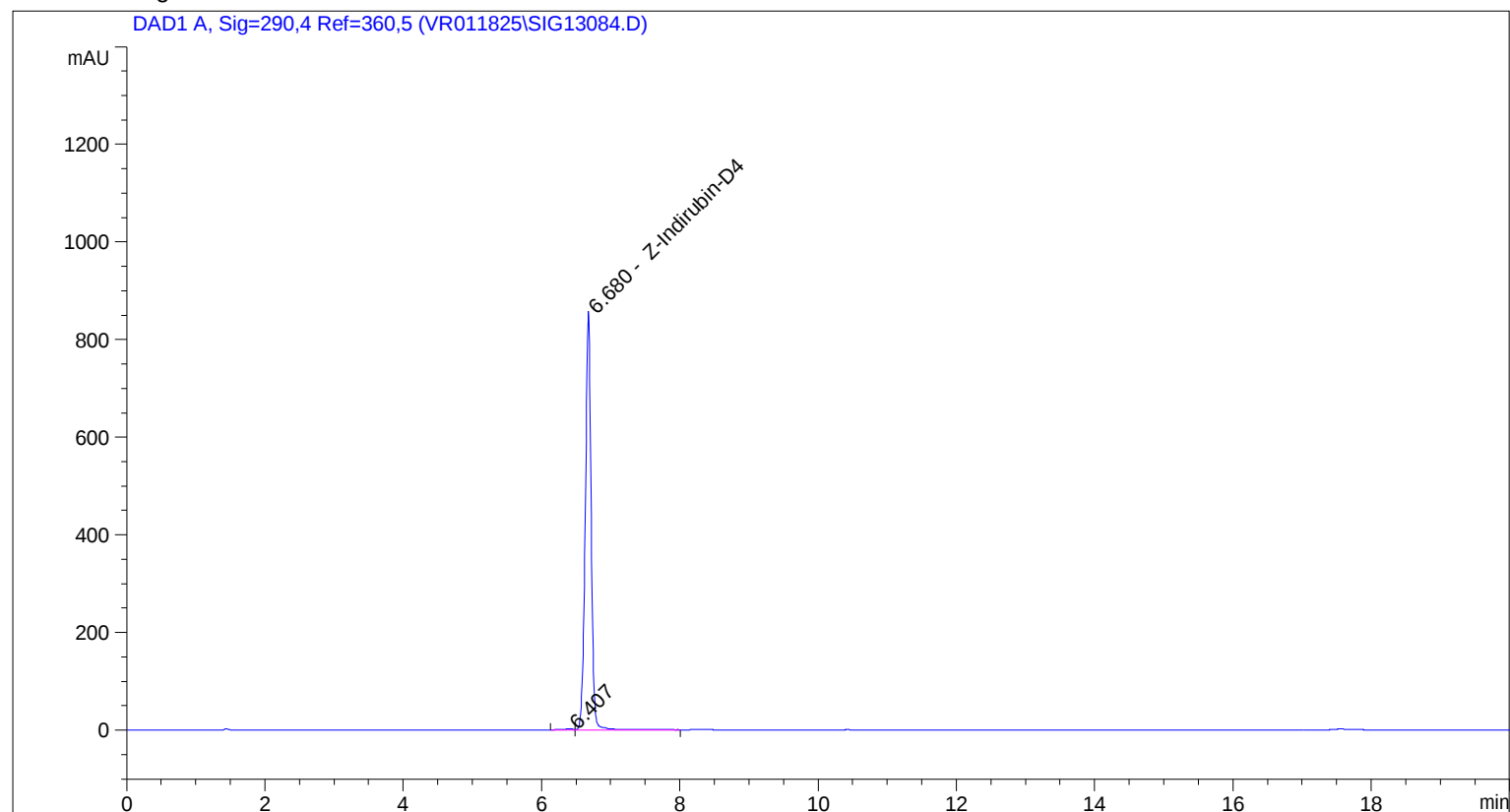
pp_2019_065_GR_13_195 77 (1.437) Sm (SG, 2x5.00); Sb (2,10.00); Cm (77:84-17:24)



Raw ESI-MS spectrum for sample GR-13-195. Shows monoisotopic $[M+H]^+$ mass.

Sample Name: GR-13-195 spl-2

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=====
Acq. Operator   : vrusu
Acq. Instrument : Instrument 1                Location : Vial 39
Injection Date  : 2/6/2025 12:25:00 PM
                                           Inj Volume : 20.0 µl
Acq. Method     : C:\CHEM32\1\METHODS\VR020625_195.M
Last changed    : 2/6/2025 12:23:49 PM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR020625_195PM.M
Last changed    : 2/6/2025 12:53:19 PM
=====
```



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

```
Sorted By           :      Signal
Calib. Data Modified :      2/6/2025 12:52:27 PM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs
```

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

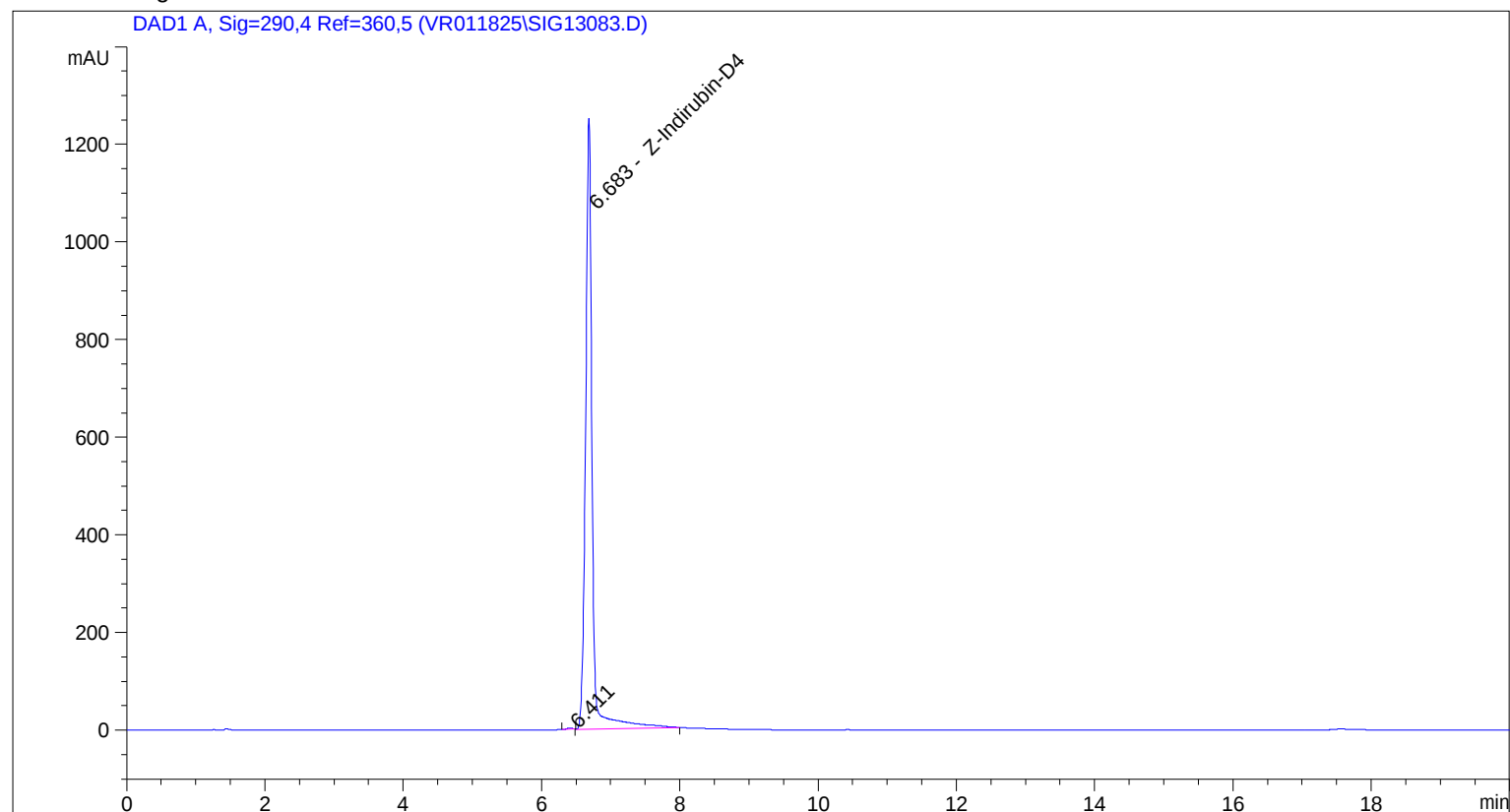
Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	6.407	BV	0.1208	20.80980	0.4081	?
2	6.680	VBA	0.0894	5078.53516	99.5919	Z-Indirubin-D4

Totals : 5099.34496

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

Sample Name: GR-13-195

```
=====
Acq. Operator   : vrusu
Acq. Instrument : Instrument 1                Location : Vial 38
Injection Date  : 2/6/2025 11:57:37 AM
                                           Inj Volume : 20.0 µl
Acq. Method     : C:\CHEM32\1\METHODS\VR020625_195.M
Last changed    : 2/6/2025 11:56:25 AM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR020625_195PM.M
Last changed    : 2/6/2025 12:53:19 PM
=====
```



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

```
Sorted By           :      Signal
Calib. Data Modified :      2/6/2025 12:52:27 PM
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	6.411	BB	0.0850	14.60717	0.1772	?
2	6.683	BBA	0.0971	8227.90820	99.8228	Z-Indirubin-D4

Totals : 8242.51538

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*** End of Report ***
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