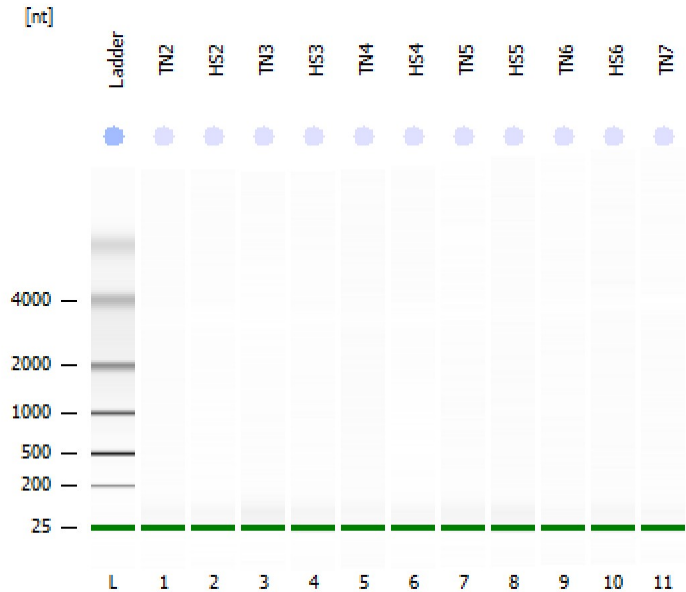


Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2024-12-27_001.xad

Created: 12/27/2024 11:58:12 AM
Modified: 12/27/2024 12:40:25 PM

Electrophoresis File Run Summary



Instrument Information:

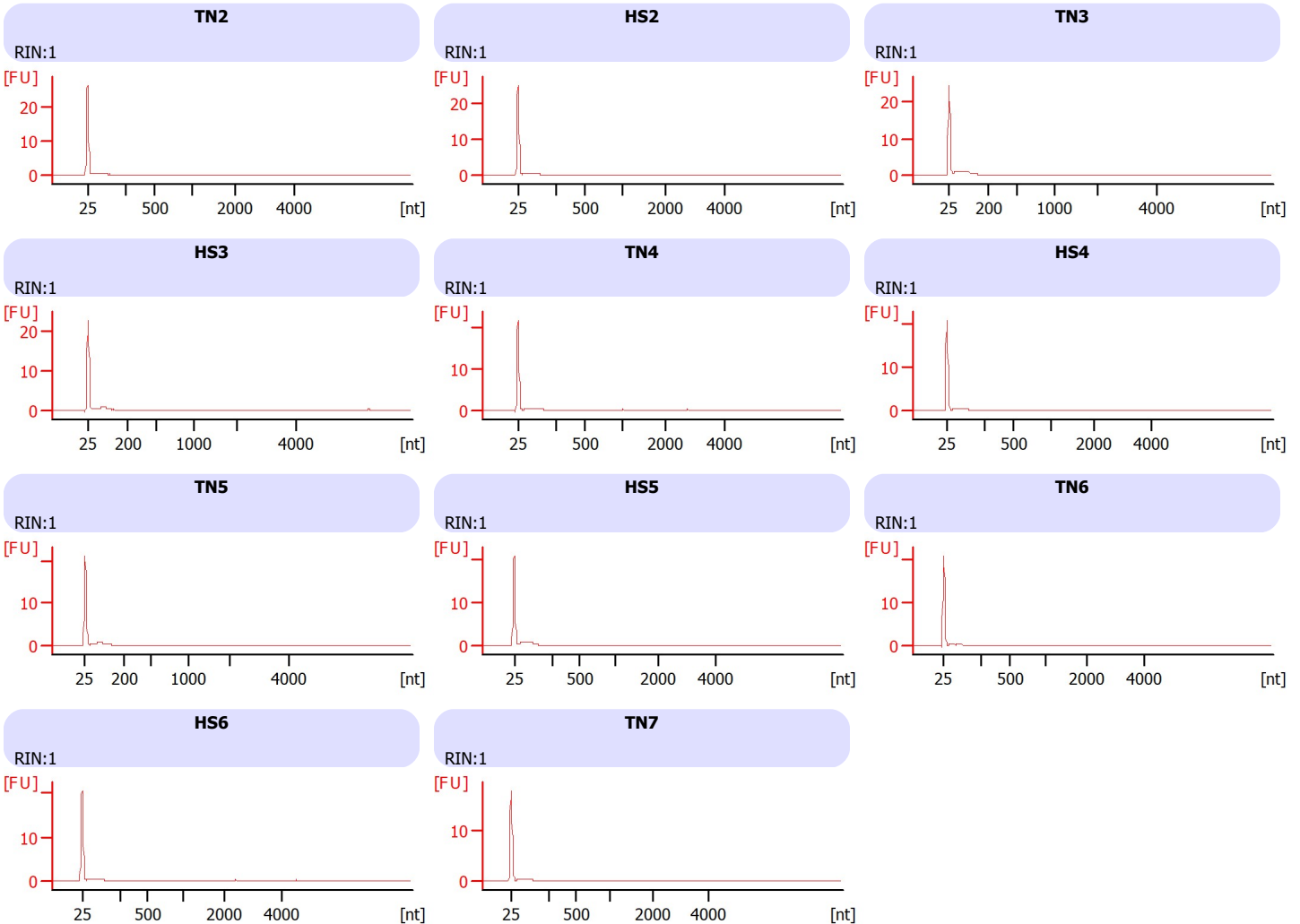
Instrument Name: DE34903152 Firmware: C.01.069
Serial#: DE34903152 Type: G2938C

Assay Information:

Assay Origin Path: C:\Program Files (x86)\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\Eukaryote Total RNA Pico Series II.xsy
Assay Class: Eukaryote Total RNA Pico
Version: 2.6
Assay Comments: Total RNA Analysis pg sensitivity (Eukaryote)
© Copyright 2003 - 2009 Agilent Technologies, Inc.

Chip Information:

Chip Lot #: Reagent Kit Lot #:
Chip Comments:



Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2024-12-27_001.xad

Created: 12/27/2024 11:58:12 AM
 Modified: 12/27/2024 12:40:25 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
TN2		✓	RIN:1	
HS2		✓	RIN:1	
TN3		✓	RIN:1	
HS3		✓	RIN:1	
TN4		✓	RIN:1	
HS4		✓	RIN:1	
TN5		✓	RIN:1	
HS5		✓	RIN:1	
TN6		✓	RIN:1	
HS6		✓	RIN:1	
TN7		✓	RIN:1	
Ladder		✓	All Other Samples	

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2024-12-27_001.xad

Created: 12/27/2024 11:58:12 AM
 Modified: 12/27/2024 12:40:25 PM

Electrophoresis Assay Details

General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 12
 Minimum Visible Range [s] : 17
 Maximum Visible Range [s] : 70
 Start Analysis Time Range [s] : 18
 End Analysis Time Range [s] : 69
 Ladder Concentration [pg/μl] : 1000
 Lower Marker Concentration [pg/μl] : 0
 Upper Marker Concentration [pg/μl] : 0
 Used Lower Marker for Quantitation
 Standard Curve Fit is Logarithmic
 Show Data Aligned to Lower Marker

Integrator Settings

Integration Start Time [s] : 18
 Integration End Time [s] : 69
 Slope Threshold : 0.6
 Height Threshold [FU] : 0.5
 Area Threshold : 0.2
 Width Threshold [s] : 0.3
 Baseline Plateau [s] : 6

Filter Settings

Filter Width [s] : 0.5
 Polynomial Order : 4

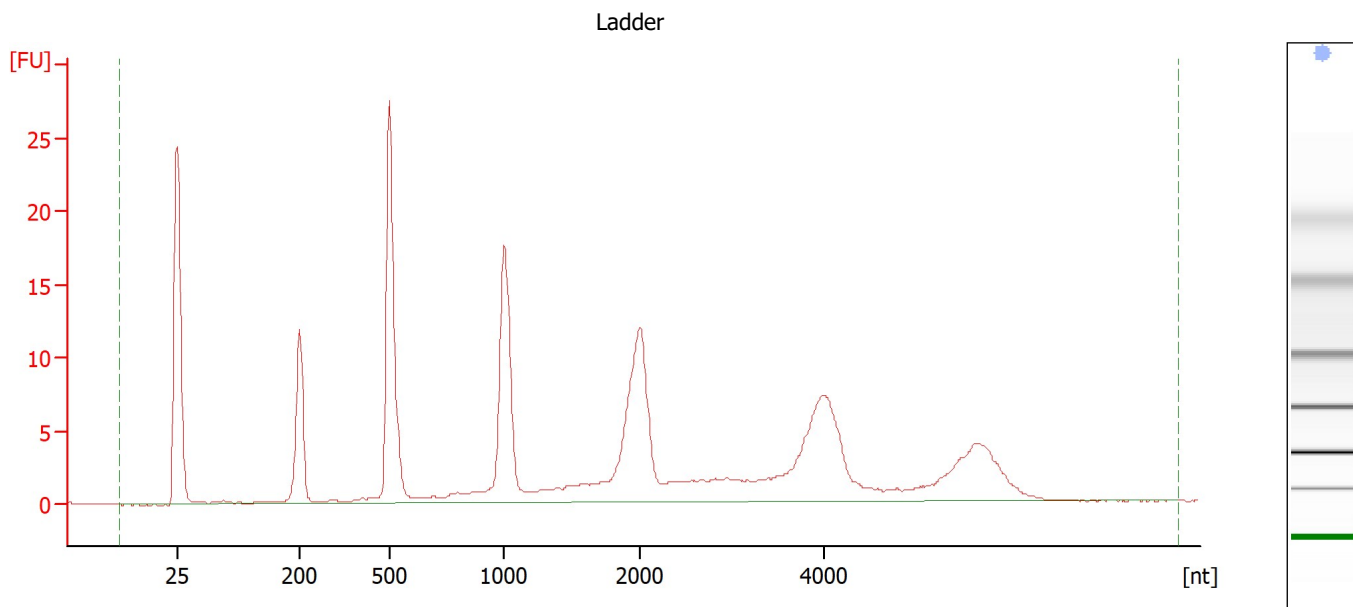
Ladder

Ladder Peak	Size
1	25
2	200
3	500
4	1000
5	2000
6	4000

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2024-12-27_001.xad

Created: 12/27/2024 11:58:12 AM
Modified: 12/27/2024 12:40:25 PM

Electropherogram Summary



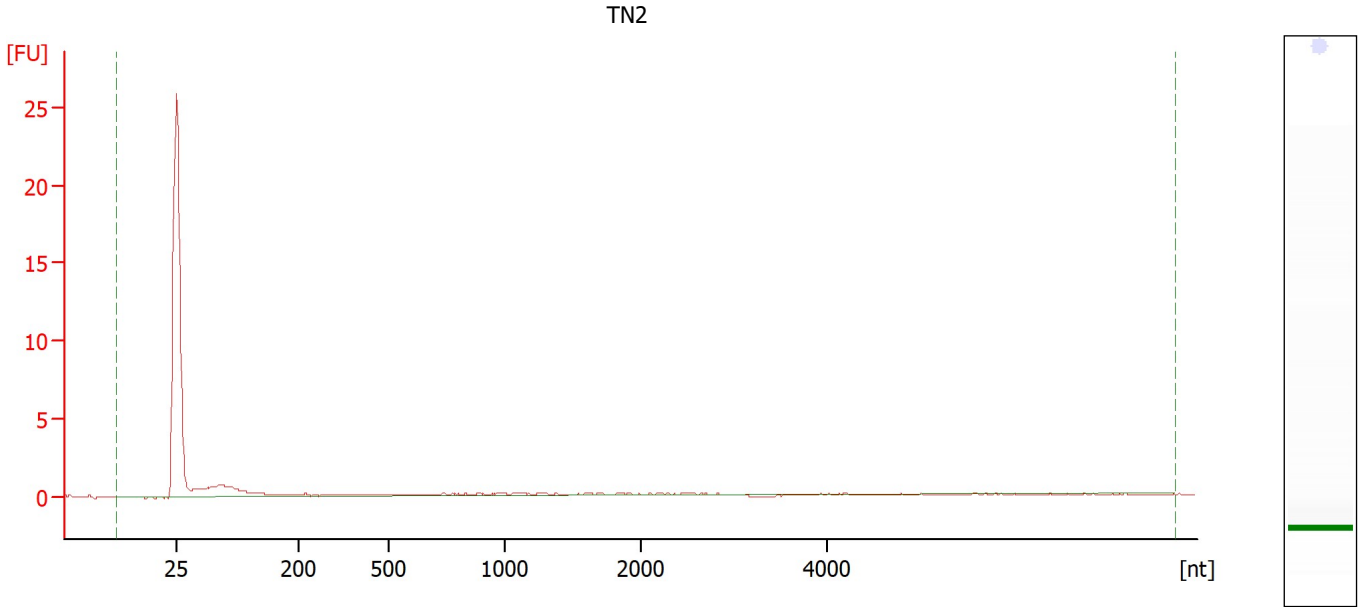
Overall Results for Ladder

RNA Area:	199.9	Result Flagging Color:	
RNA Concentration:	1,000 pg/μl	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2024-12-27_001.xad

Created: 12/27/2024 11:58:12 AM
Modified: 12/27/2024 12:40:25 PM

Electropherogram Summary Continued ...



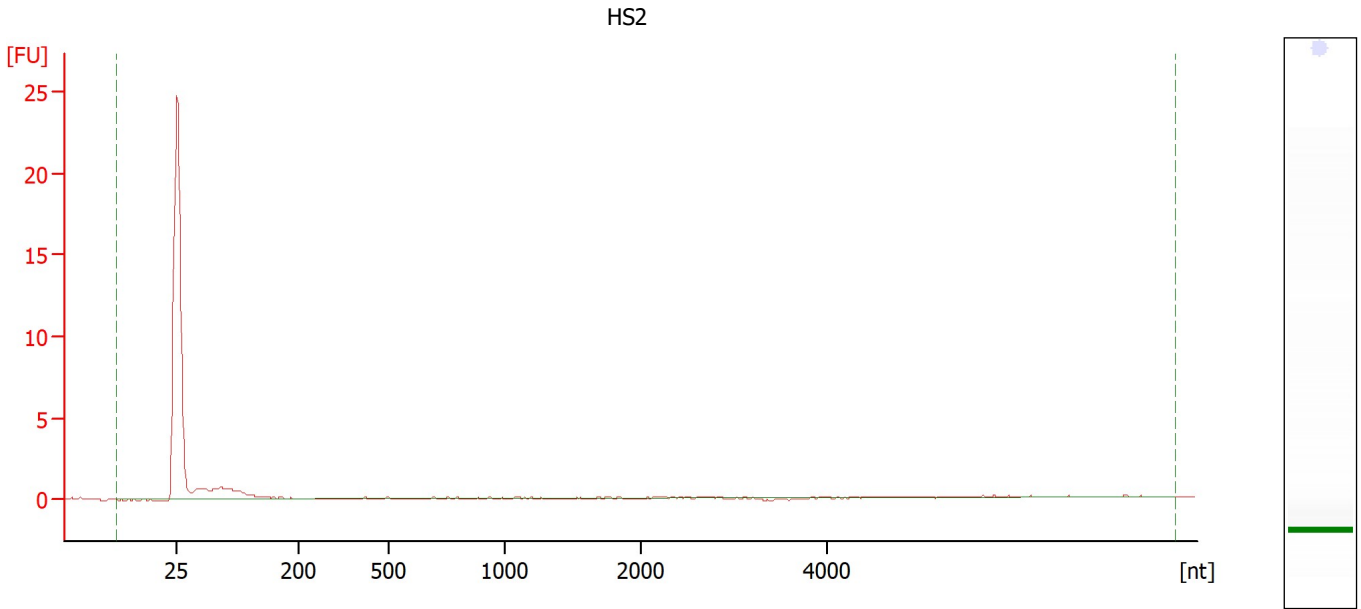
Overall Results for sample 1 : TN2

RNA Area:	14.3	RNA Integrity Number (RIN):	1 (B.02.10)
RNA Concentration:	72 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:1

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2024-12-27_001.xad

Created: 12/27/2024 11:58:12 AM
Modified: 12/27/2024 12:40:25 PM

Electropherogram Summary Continued ...



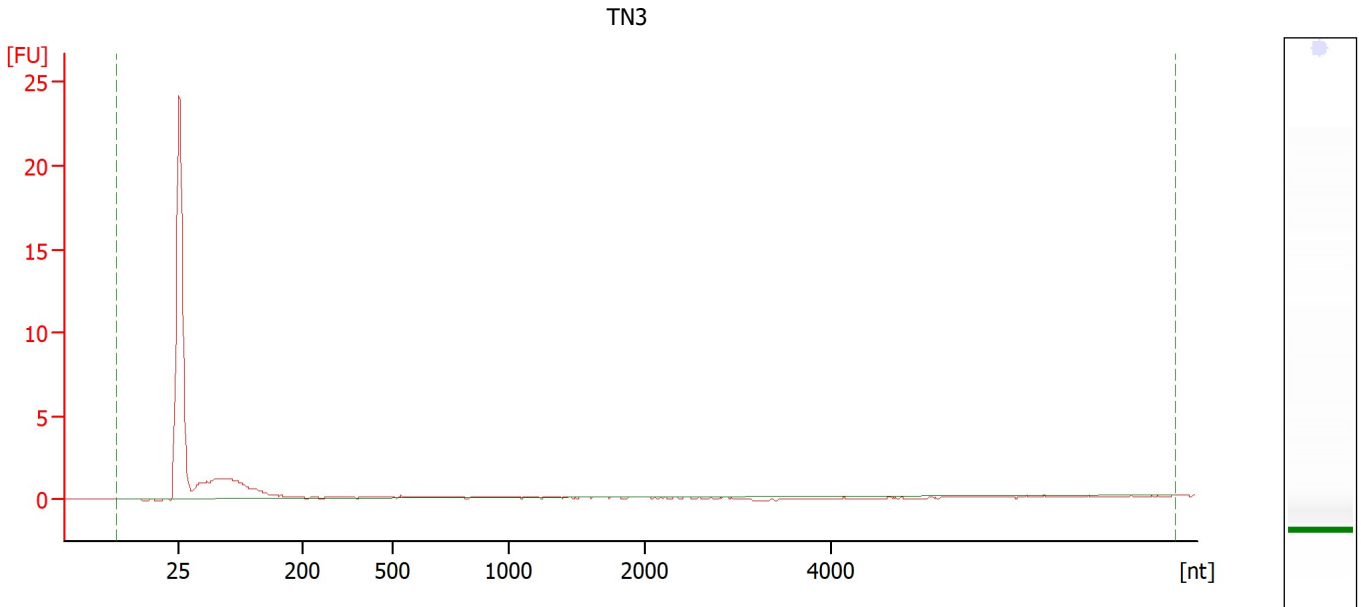
Overall Results for sample 2 : HS2

RNA Area:	10.0	RNA Integrity Number (RIN):	1 (B.02.10)
RNA Concentration:	50 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:1

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2024-12-27_001.xad

Created: 12/27/2024 11:58:12 AM
Modified: 12/27/2024 12:40:25 PM

Electropherogram Summary Continued ...



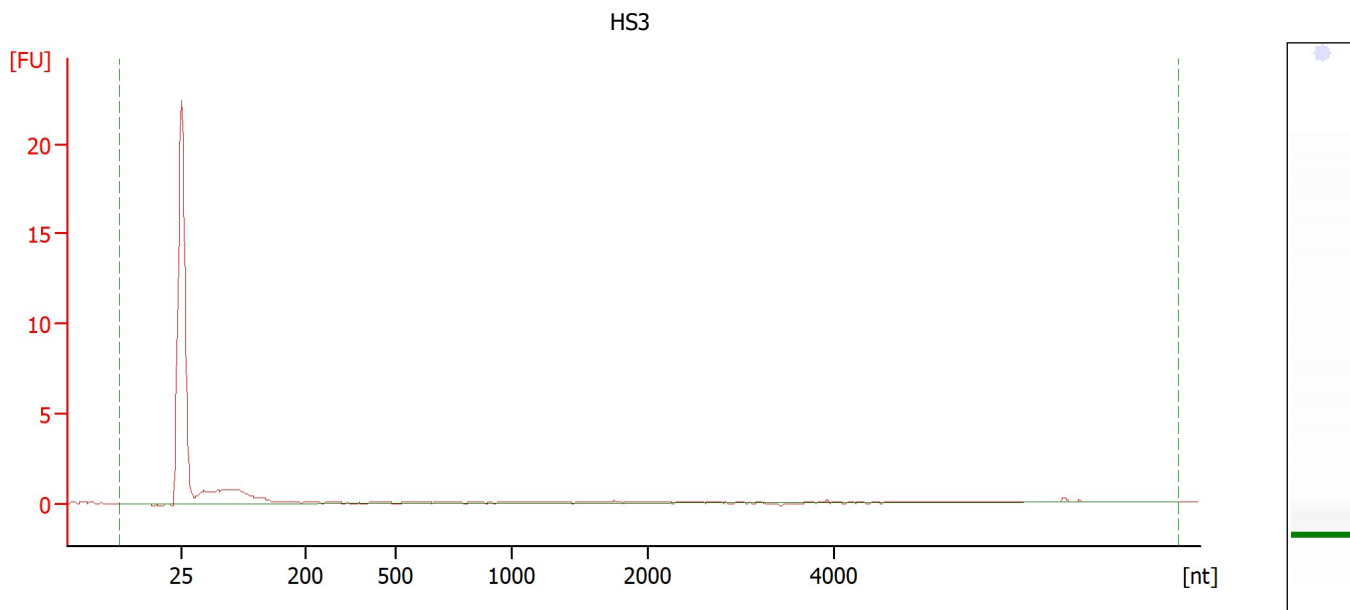
Overall Results for sample 3 : TN3

RNA Area:	17.9	RNA Integrity Number (RIN):	1 (B.02.10)
RNA Concentration:	90 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:1

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2024-12-27_001.xad

Created: 12/27/2024 11:58:12 AM
 Modified: 12/27/2024 12:40:25 PM

Electropherogram Summary Continued ...



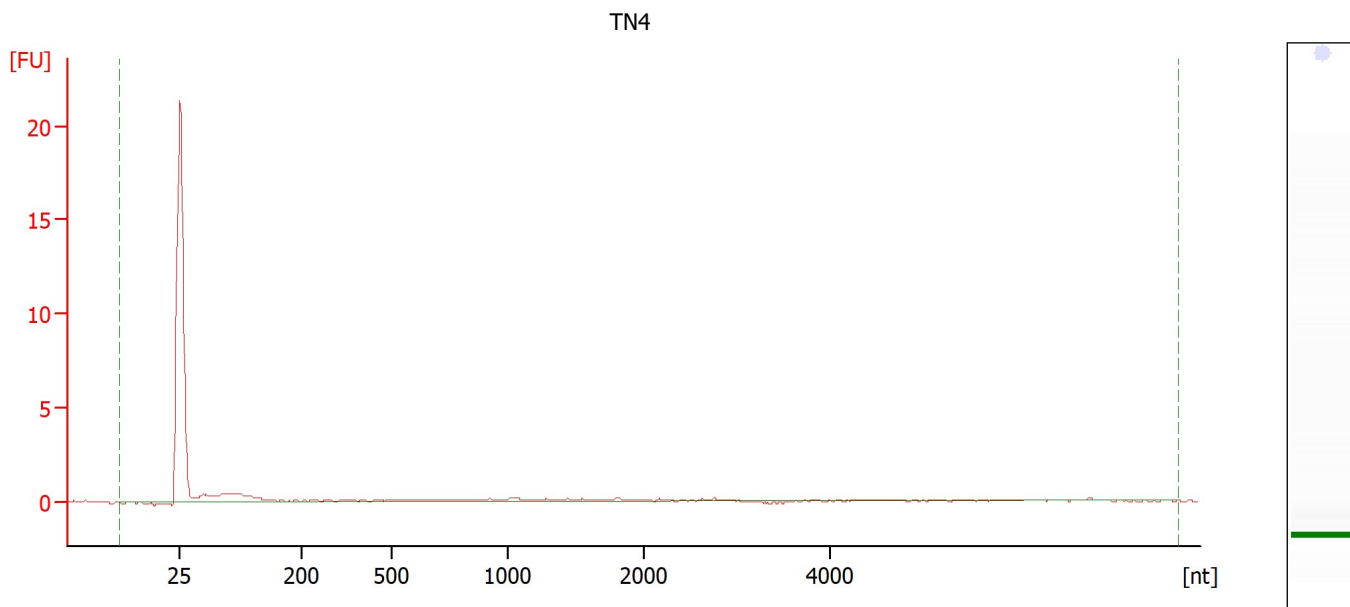
Overall Results for sample 4 : HS3

RNA Area:	14.3	RNA Integrity Number (RIN):	1 (B.02.10)
RNA Concentration:	72 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:1

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2024-12-27_001.xad

Created: 12/27/2024 11:58:12 AM
Modified: 12/27/2024 12:40:25 PM

Electropherogram Summary Continued ...



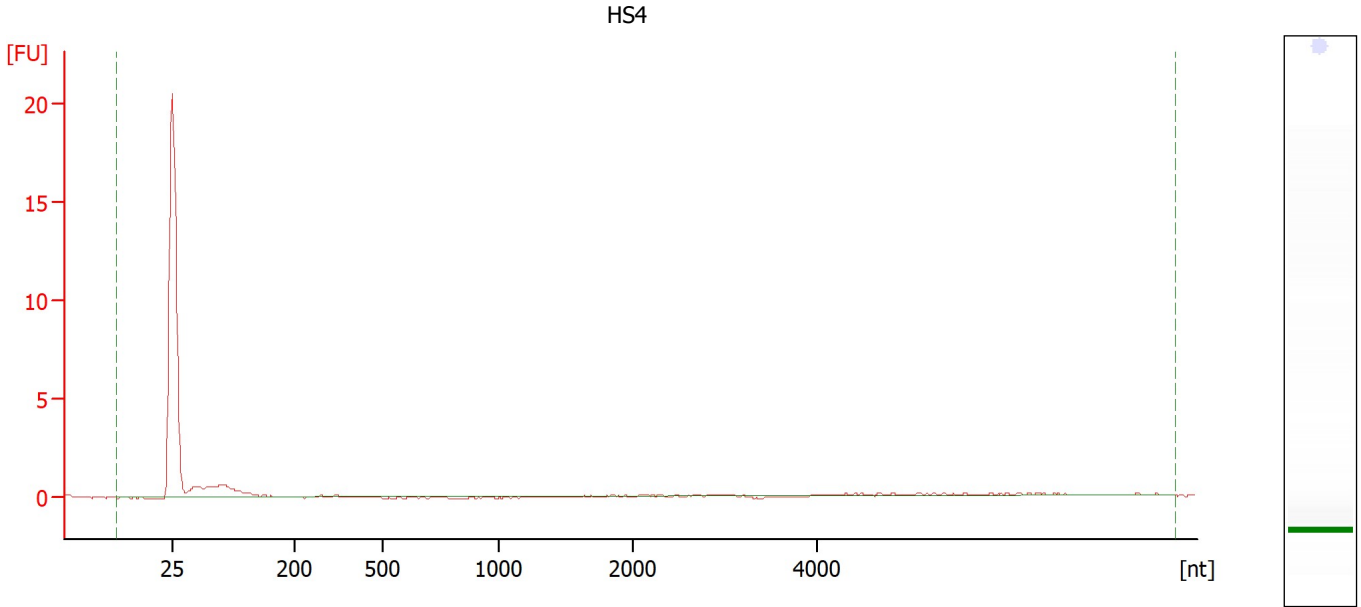
Overall Results for sample 5 : TN4

RNA Area:	11.3	RNA Integrity Number (RIN):	1 (B.02.10)
RNA Concentration:	56 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:1

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2024-12-27_001.xad

Created: 12/27/2024 11:58:12 AM
Modified: 12/27/2024 12:40:25 PM

Electropherogram Summary Continued ...



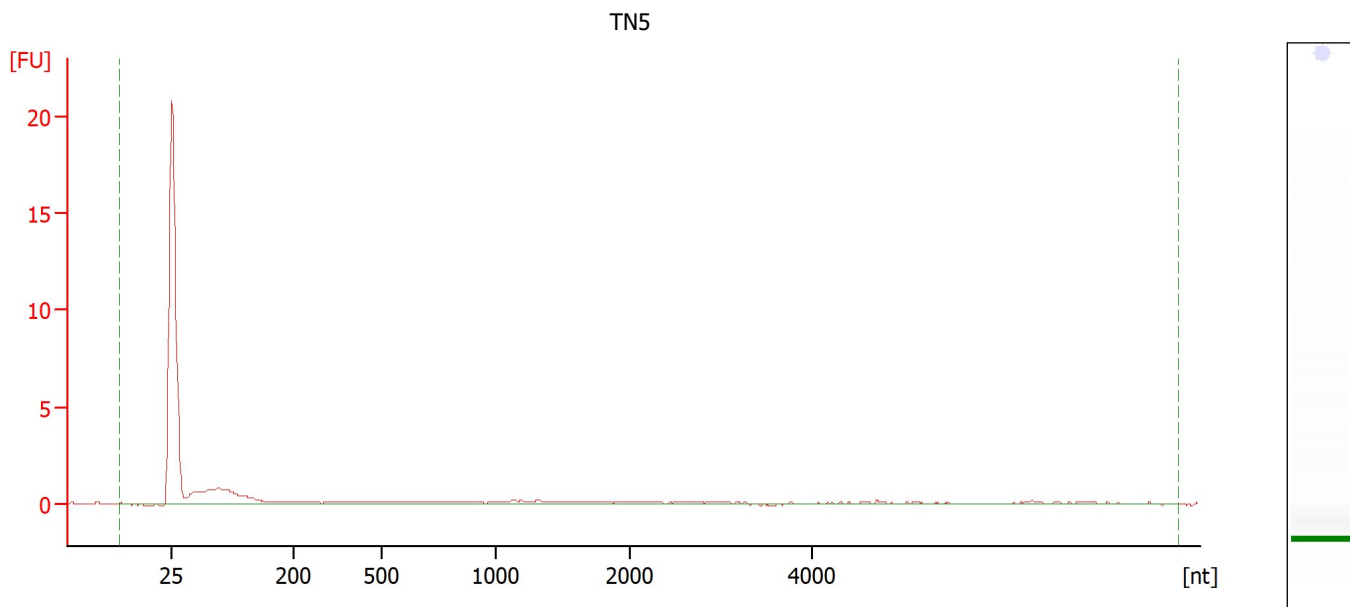
Overall Results for sample 6 : HS4

RNA Area:	7.5	RNA Integrity Number (RIN):	1 (B.02.10)
RNA Concentration:	38 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:1

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2024-12-27_001.xad

Created: 12/27/2024 11:58:12 AM
 Modified: 12/27/2024 12:40:25 PM

Electropherogram Summary Continued ...



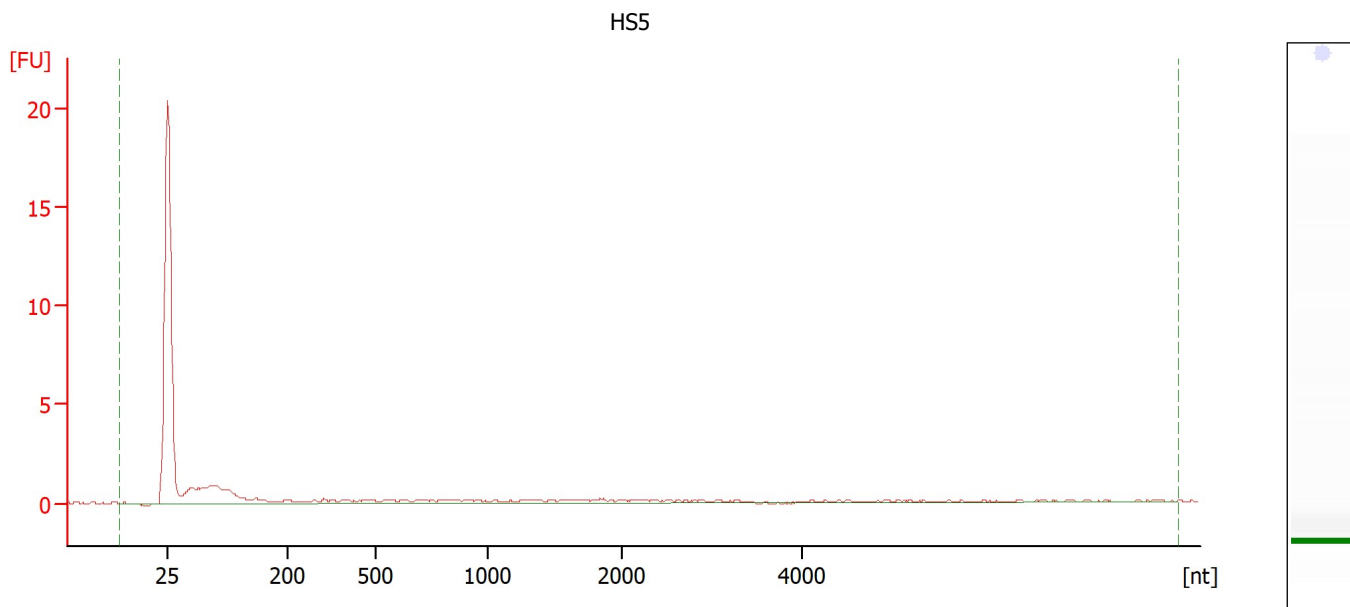
Overall Results for sample 7 : TN5

RNA Area:	14.8	RNA Integrity Number (RIN):	1 (B.02.10)
RNA Concentration:	74 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:1

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2024-12-27_001.xad

Created: 12/27/2024 11:58:12 AM
Modified: 12/27/2024 12:40:25 PM

Electropherogram Summary Continued ...



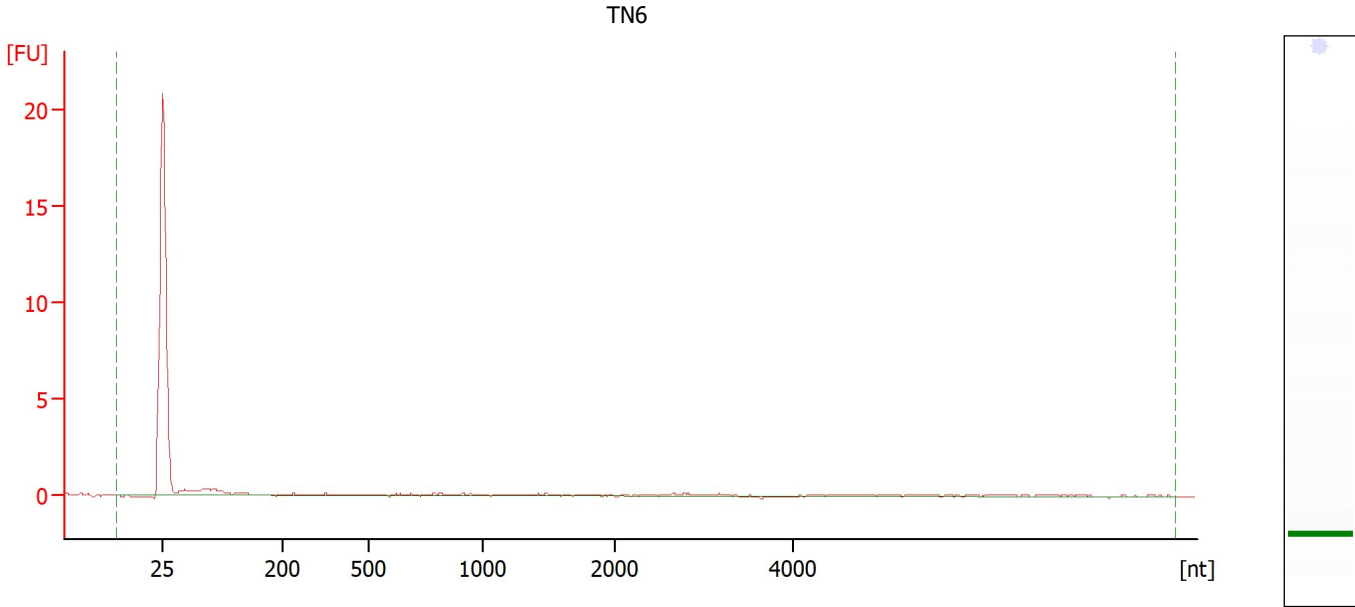
Overall Results for sample 8 : HS5

RNA Area:	15.1	RNA Integrity Number (RIN):	1 (B.02.10)
RNA Concentration:	75 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:1

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2024-12-27_001.xad

Created: 12/27/2024 11:58:12 AM
Modified: 12/27/2024 12:40:25 PM

Electropherogram Summary Continued ...



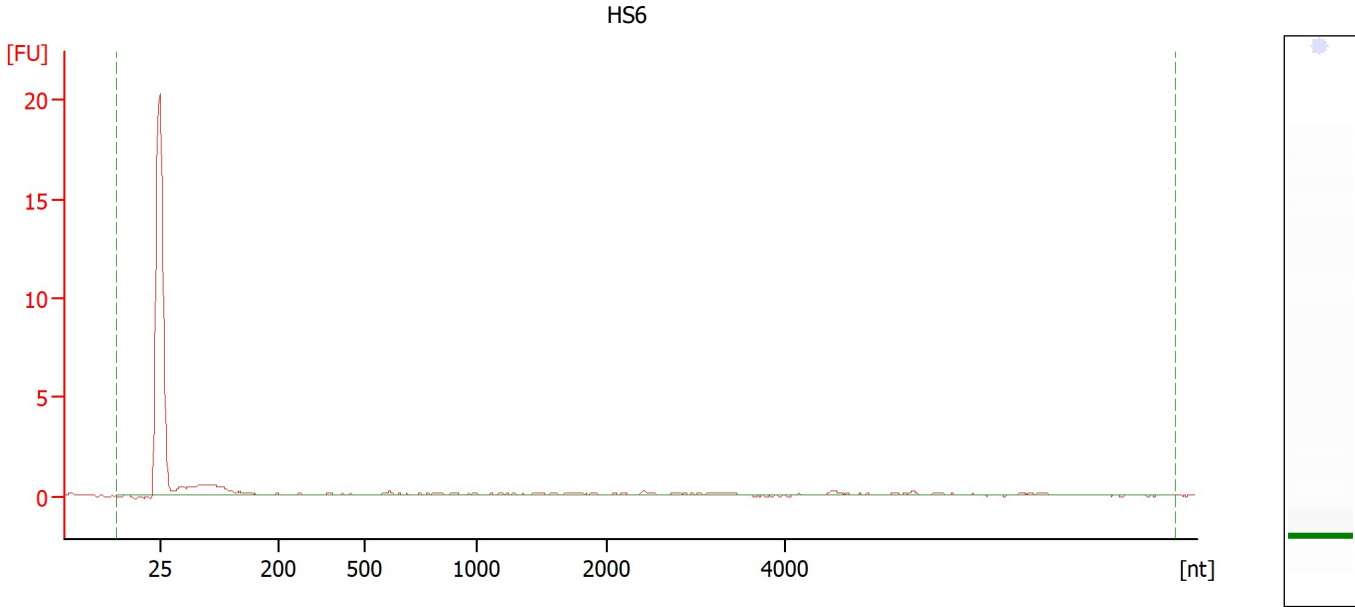
Overall Results for sample 9 : TN6

RNA Area:	6.0	RNA Integrity Number (RIN):	1 (B.02.10)
RNA Concentration:	30 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:1

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2024-12-27_001.xad

Created: 12/27/2024 11:58:12 AM
Modified: 12/27/2024 12:40:25 PM

Electropherogram Summary Continued ...



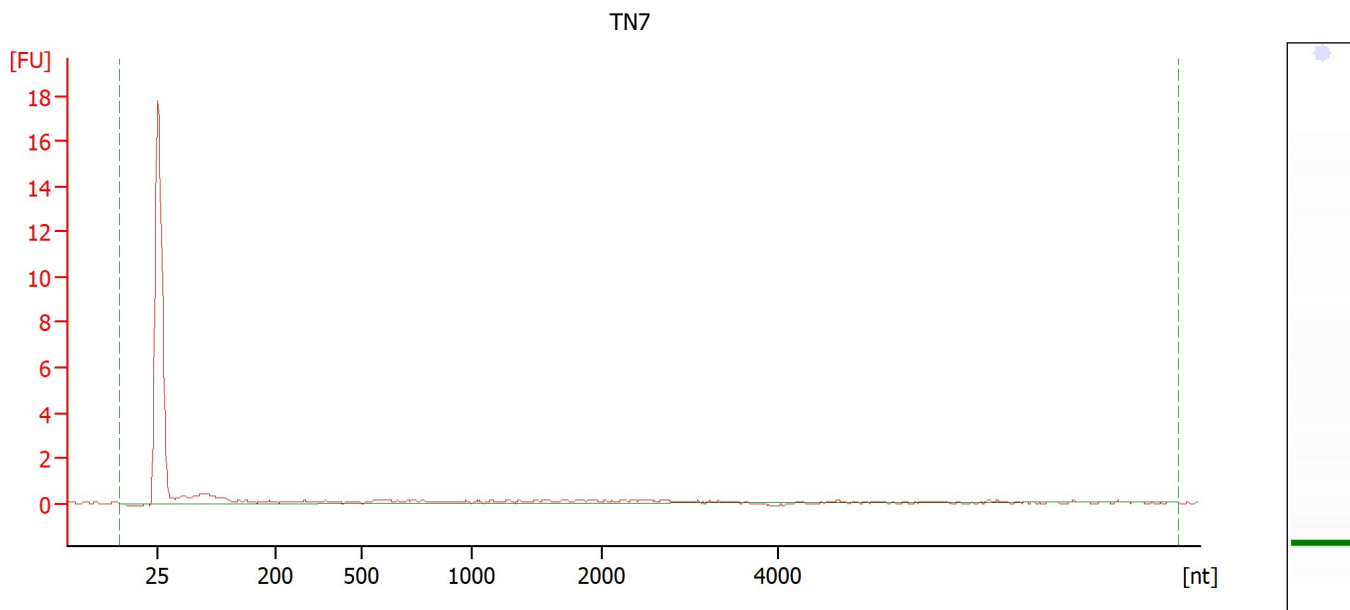
Overall Results for sample 10 : HS6

RNA Area:	12.8	RNA Integrity Number (RIN):	1 (B.02.10)
RNA Concentration:	64 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:1

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2024-12-27_001.xad

Created: 12/27/2024 11:58:12 AM
 Modified: 12/27/2024 12:40:25 PM

Electropherogram Summary Continued ...



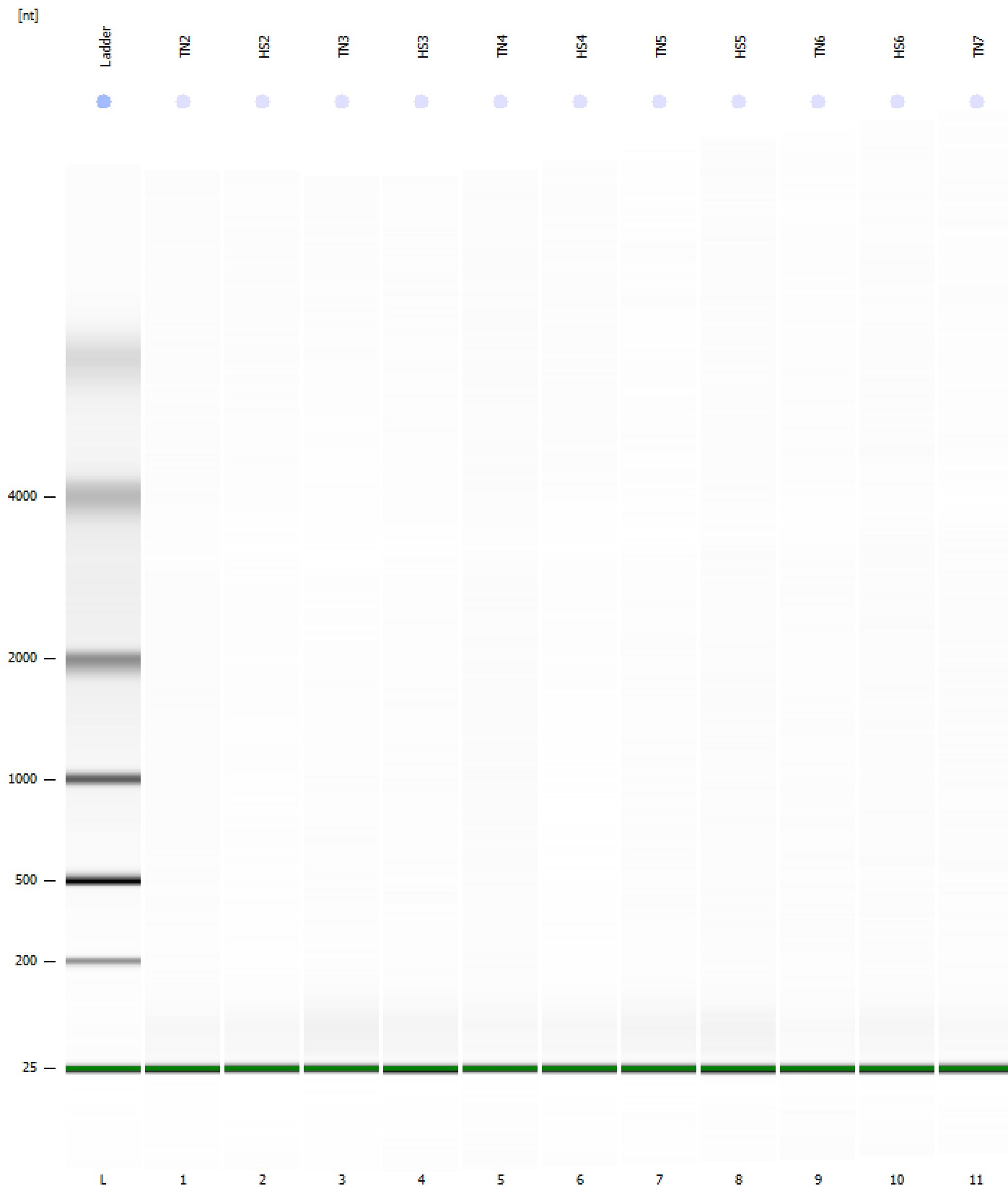
Overall Results for sample 11 : TN7

RNA Area:	8.7	RNA Integrity Number (RIN):	1 (B.02.10)
RNA Concentration:	44 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:1

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2024-12-27_001.xad

Created: 12/27/2024 11:58:12 AM
Modified: 12/27/2024 12:40:25 PM

Gel Image



Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2024-12-27_001.xad

Created: 12/27/2024 11:58:12 AM
 Modified: 12/27/2024 12:40:25 PM

Run Logbook

Description	Number	Source	Category	Sub Category	Time	Time Zone	User	Host
Run ended on port 1 (Number of wells acquired: 12)		Instrument	Run		12/27/2024 12:21:07 PM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Run started on port 1 (File: C:\Program Files (x86)\Agilent\2100 bioanalyzer\2100 expert\data\2024-12-27\Bioanalyzer1_Eukaryote Total RNA Pico_DE34903152_2024-12-27_001.xad)		Instrument	Run		12/27/2024 11:58:19 AM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Product Number : G2938C		Instrument	Run		12/27/2024 11:58:19 AM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Name :		Instrument	Run		12/27/2024 11:58:19 AM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Vendor : Agilent Technologies		Instrument	Run		12/27/2024 11:58:19 AM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Serial# : DE34903152		Instrument	Run		12/27/2024 11:58:19 AM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Firmware : C.01.069		Instrument	Run		12/27/2024 11:58:19 AM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Cartridge : Electrode		Instrument	Run		12/27/2024 11:58:19 AM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB