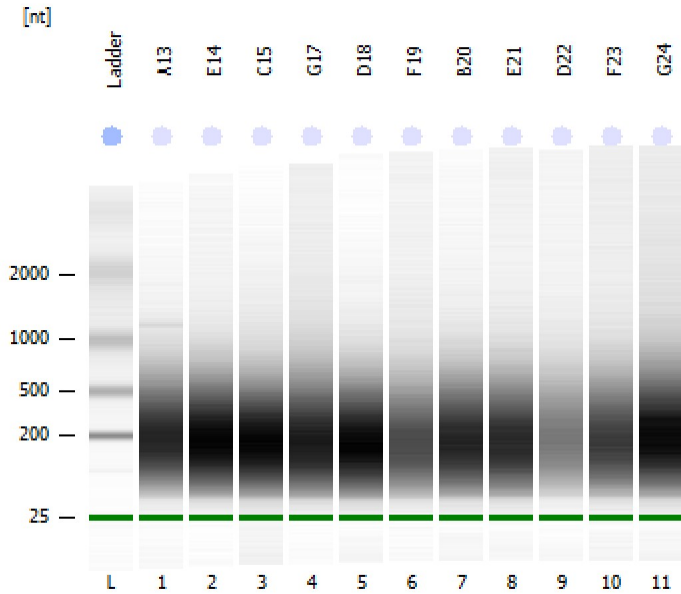


Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2024-11-21_001.xad

Created: 11/21/2024 3:18:47 PM
Modified: 11/21/2024 3:41:48 PM

Electrophoresis File Run Summary



Instrument Information:

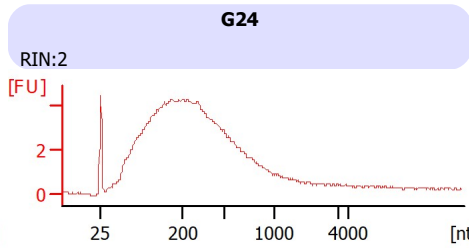
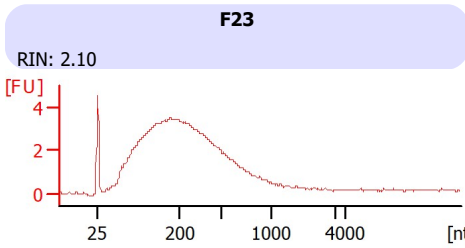
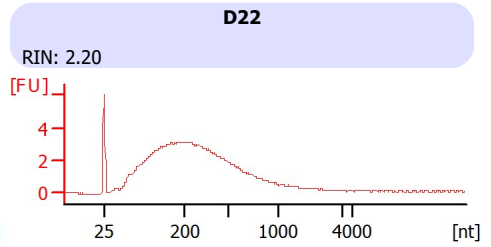
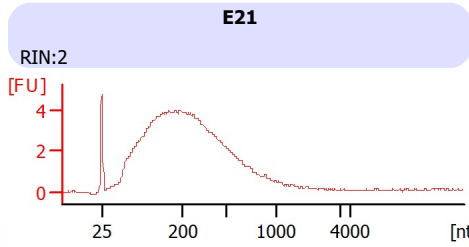
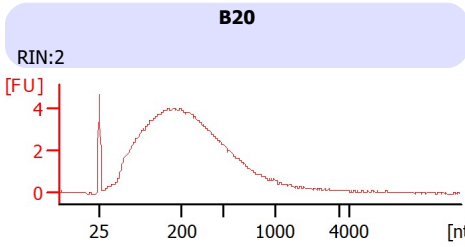
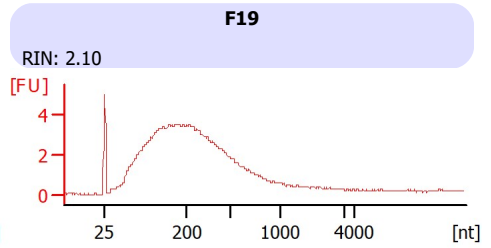
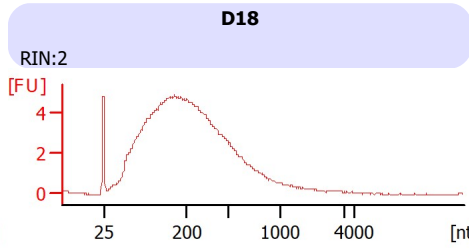
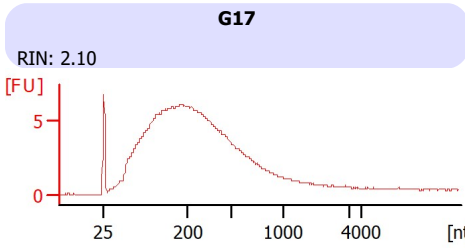
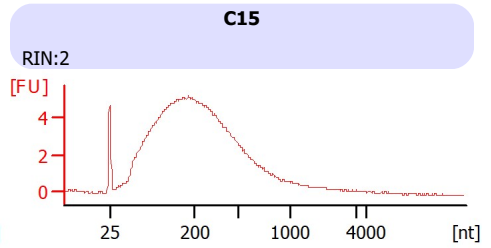
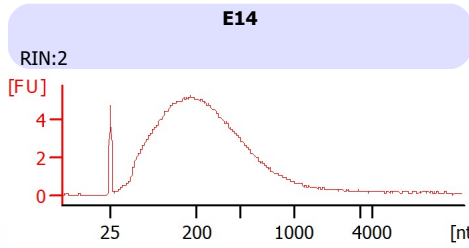
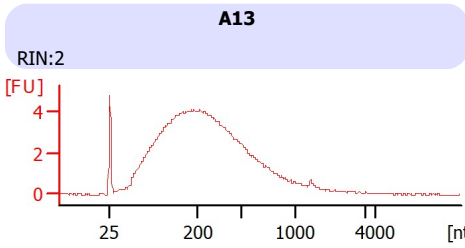
Instrument Name: DE34903152 Firmware: C.01.069
Serial#: DE34903152 Type: G2938C

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_2024-11-21_001.xad

Created: 11/21/2024 3:18:47 PM
 Modified: 11/21/2024 3:41:48 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
A13		✓	RIN:2	
E14		✓	RIN:2	
C15		✓	RIN:2	
G17		✓	RIN: 2.10	
D18		✓	RIN:2	
F19		✓	RIN: 2.10	
B20		✓	RIN:2	
E21		✓	RIN:2	
D22		✓	RIN: 2.20	
F23		✓	RIN: 2.10	
G24		✓	RIN:2	
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_2024-11-21_001.xad

Created: 11/21/2024 3:18:47 PM
 Modified: 11/21/2024 3:41:48 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

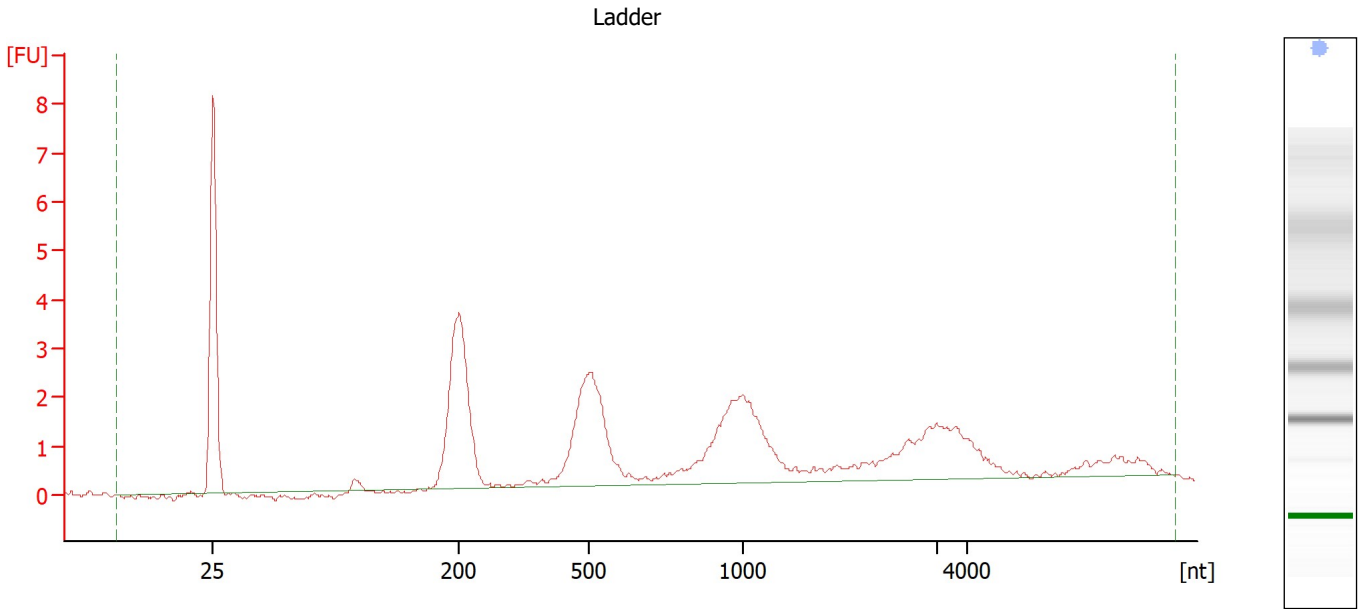
Ladder

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_2024-11-21_001.xad

Created: 11/21/2024 3:18:47 PM
Modified: 11/21/2024 3:41:48 PM

Electropherogram Summary



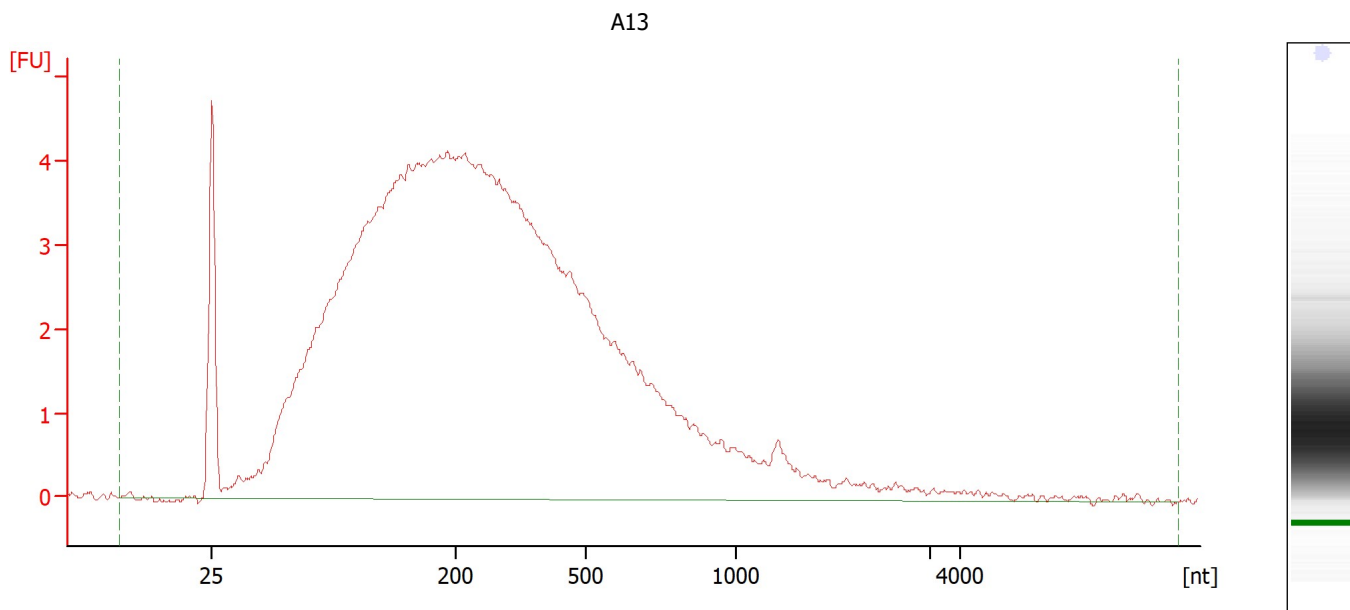
Overall Results for Ladder

RNA Area:	43.9	Result Flagging Color:	
RNA Concentration:	1,000 pg/ μ l	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2024-11-21_001.xad

Created: 11/21/2024 3:18:47 PM
Modified: 11/21/2024 3:41:48 PM

Electropherogram Summary Continued ...



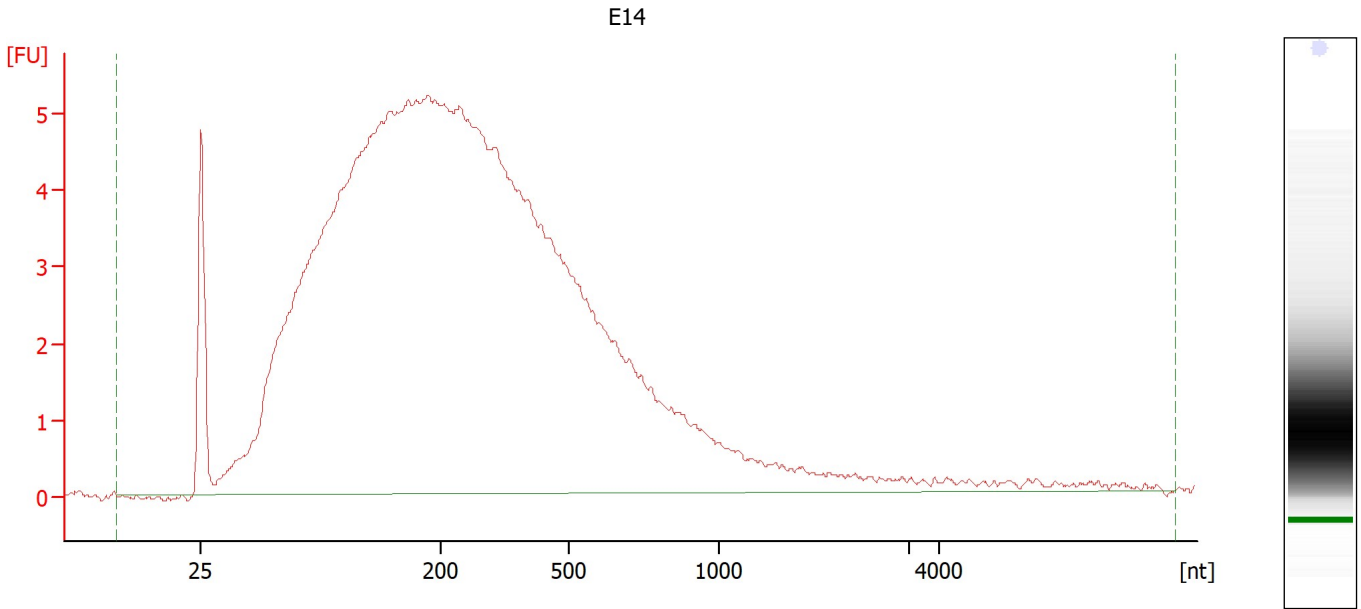
Overall Results for sample 1 : A13

RNA Area:	162.5	RNA Integrity Number (RIN):	2 (B.02.10)
RNA Concentration:	3,699 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:2

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2024-11-21_001.xad

Created: 11/21/2024 3:18:47 PM
Modified: 11/21/2024 3:41:48 PM

Electropherogram Summary Continued ...



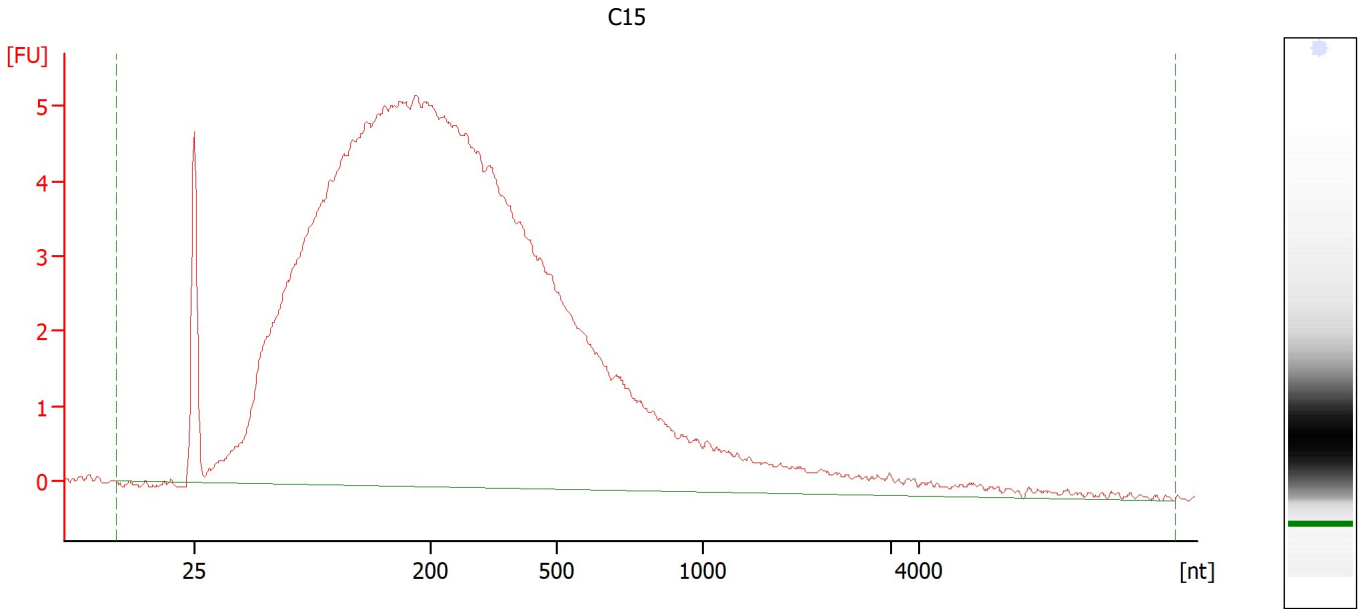
Overall Results for sample 2 : E14

RNA Area:	208.5	RNA Integrity Number (RIN):	2 (B.02.10)
RNA Concentration:	4,747 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:2

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2024-11-21_001.xad

Created: 11/21/2024 3:18:47 PM
Modified: 11/21/2024 3:41:48 PM

Electropherogram Summary Continued ...



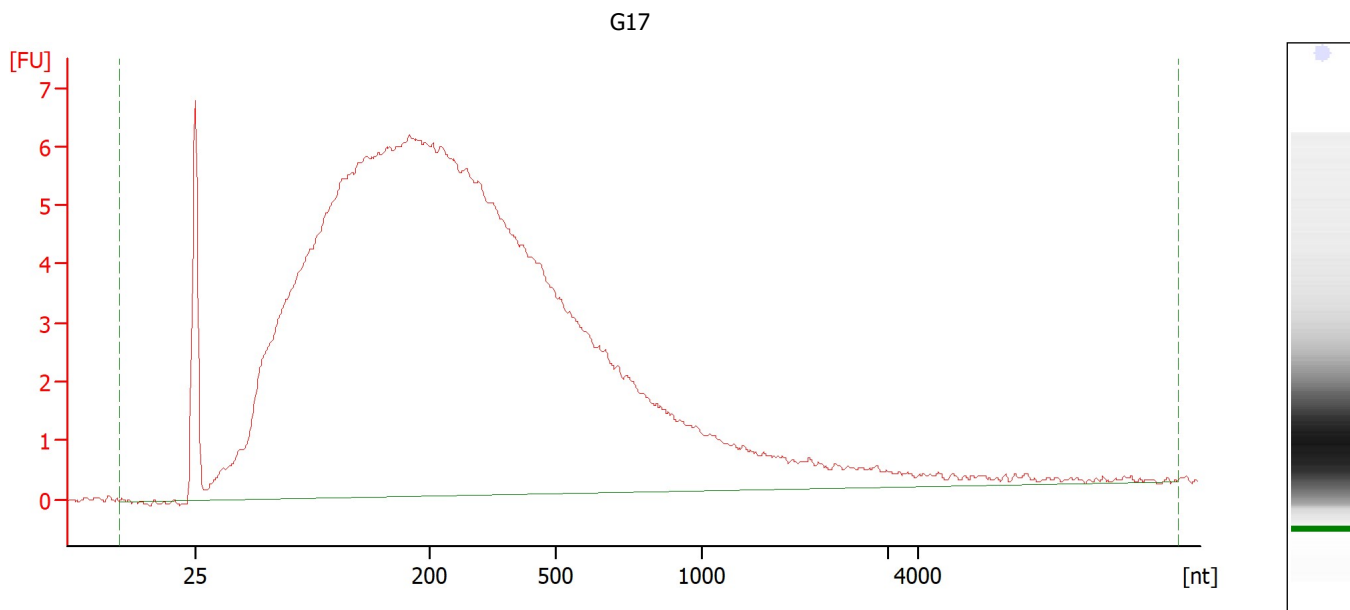
Overall Results for sample 3 : C15

RNA Area:	206.7	RNA Integrity Number (RIN):	2 (B.02.10)
RNA Concentration:	4,706 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:2

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2024-11-21_001.xad

Created: 11/21/2024 3:18:47 PM
Modified: 11/21/2024 3:41:48 PM

Electropherogram Summary Continued ...



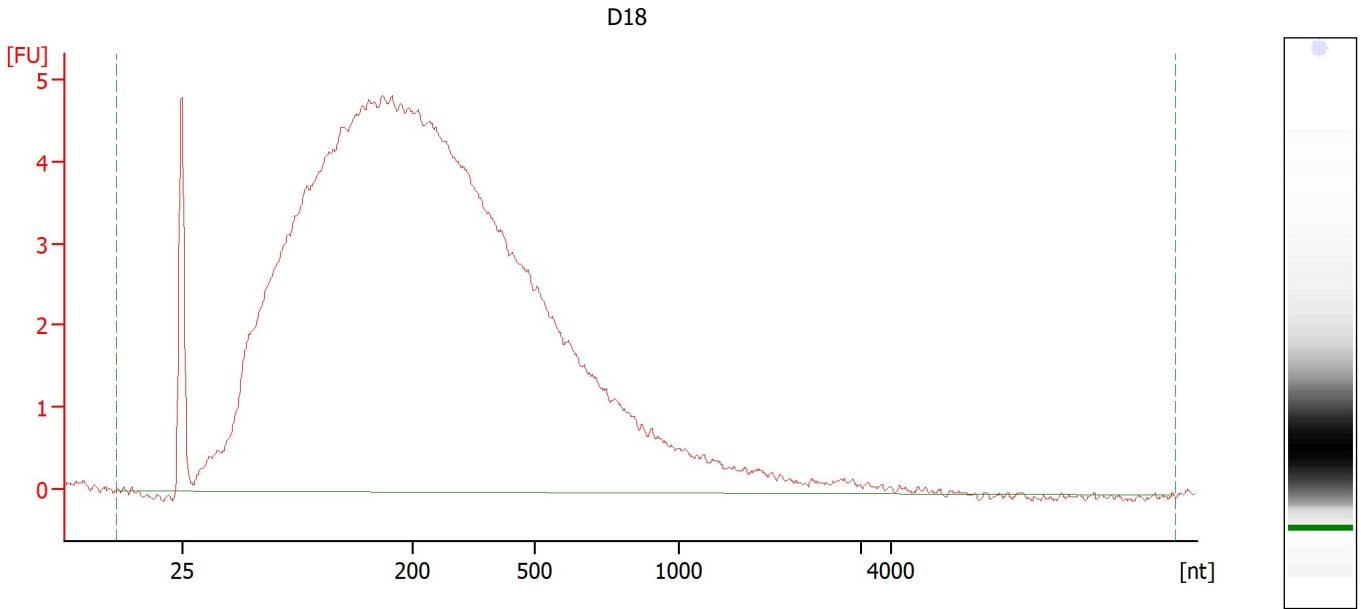
Overall Results for sample 4 : G17

RNA Area:	256.7	RNA Integrity Number (RIN):	2.1 (B.02.10)
RNA Concentration:	5,844 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.10

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2024-11-21_001.xad

Created: 11/21/2024 3:18:47 PM
Modified: 11/21/2024 3:41:48 PM

Electropherogram Summary Continued ...



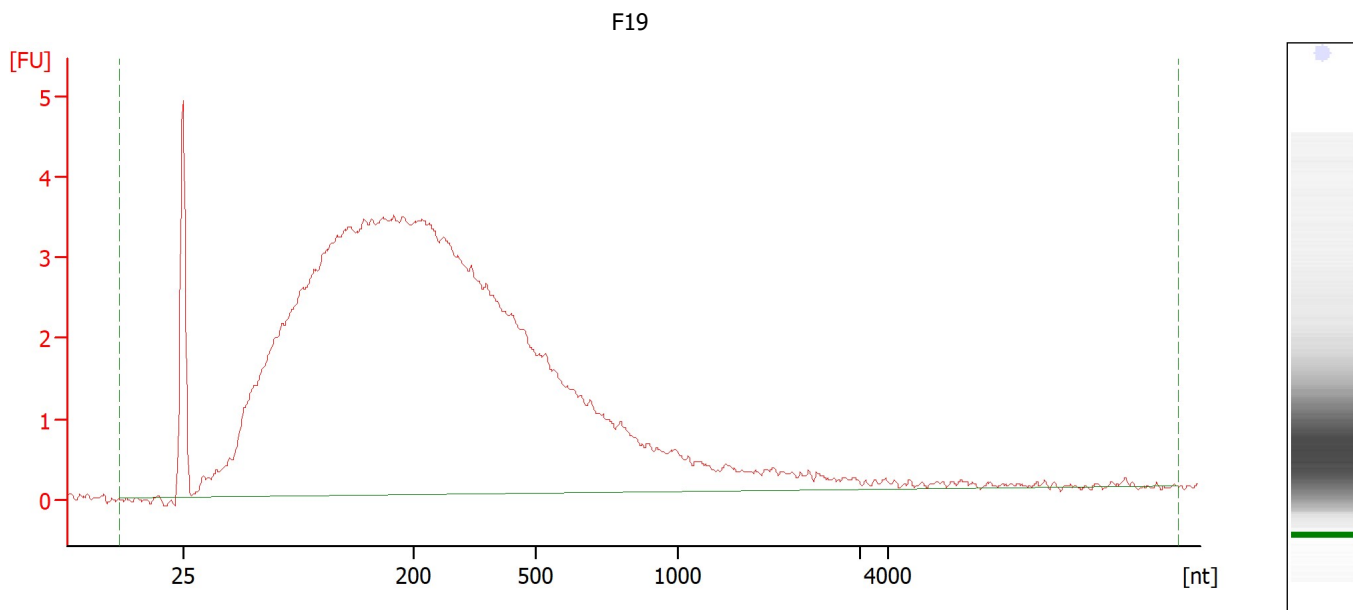
Overall Results for sample 5 : D18

RNA Area:	190.7	RNA Integrity Number (RIN):	2 (B.02.10)
RNA Concentration:	4,342 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:2

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2024-11-21_001.xad

Created: 11/21/2024 3:18:47 PM
 Modified: 11/21/2024 3:41:48 PM

Electropherogram Summary Continued ...



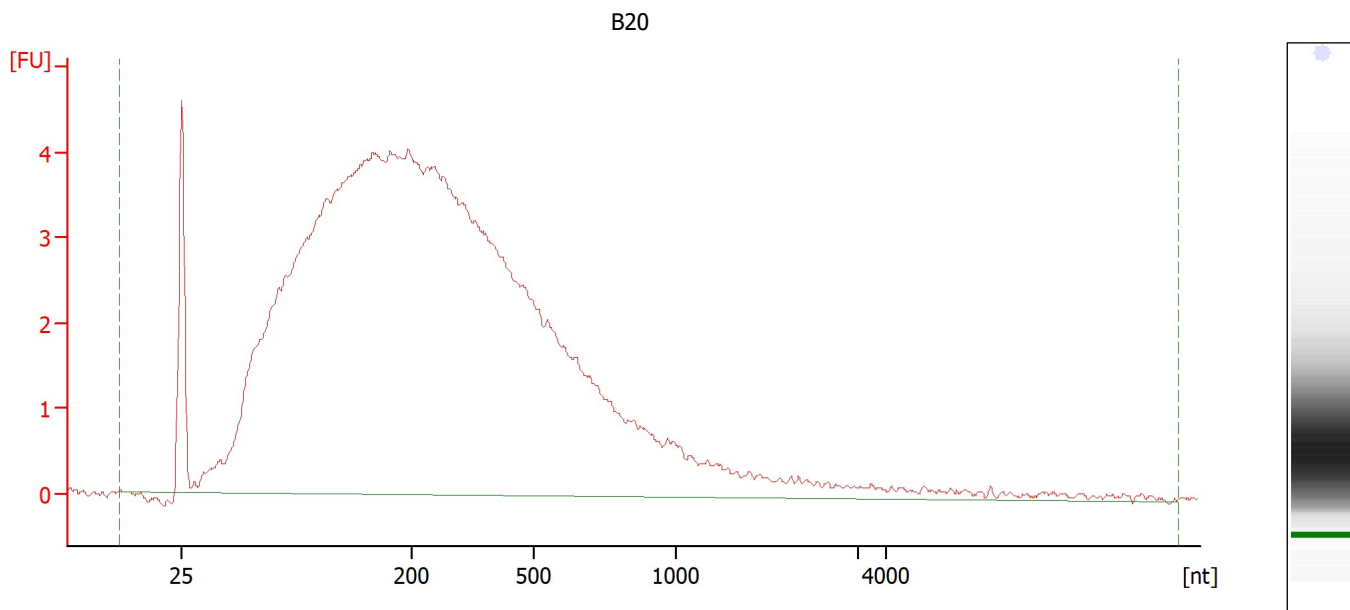
Overall Results for sample 6 : F19

RNA Area:	142.2	RNA Integrity Number (RIN):	2.1 (B.02.10)
RNA Concentration:	3,237 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.10

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2024-11-21_001.xad

Created: 11/21/2024 3:18:47 PM
 Modified: 11/21/2024 3:41:48 PM

Electropherogram Summary Continued ...



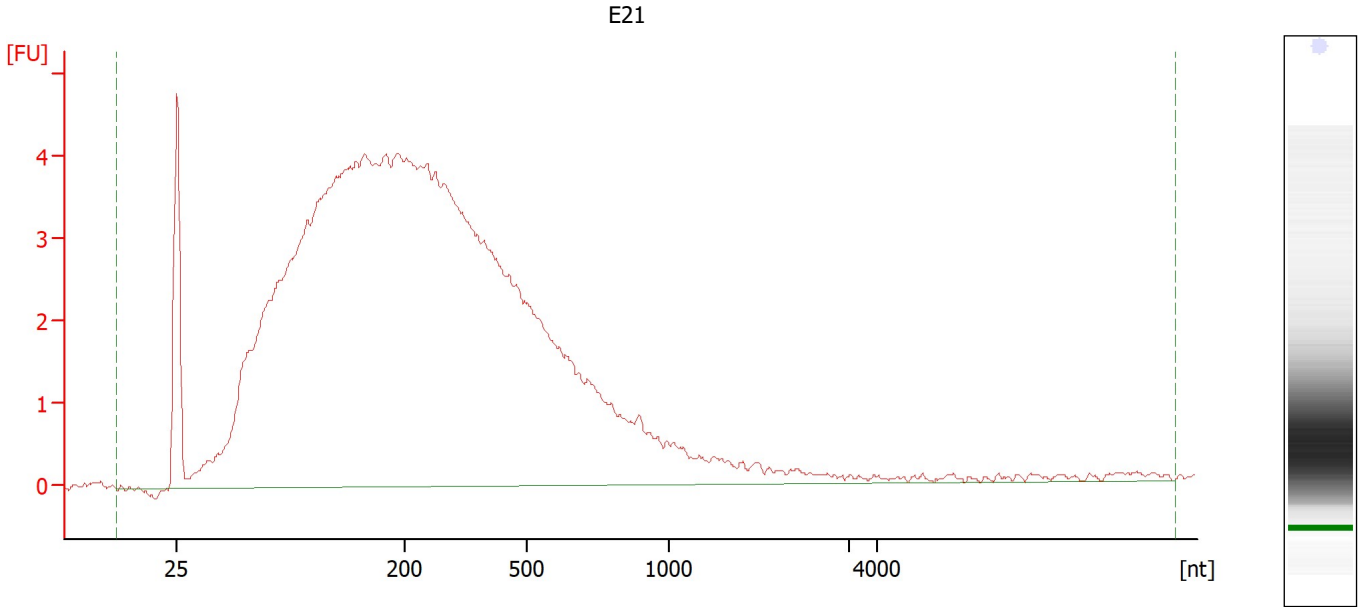
Overall Results for sample 7 : B20

RNA Area:	164.8	RNA Integrity Number (RIN):	2 (B.02.10)
RNA Concentration:	3,751 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:2

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2024-11-21_001.xad

Created: 11/21/2024 3:18:47 PM
Modified: 11/21/2024 3:41:48 PM

Electropherogram Summary Continued ...



Overall Results for sample 8 : E21

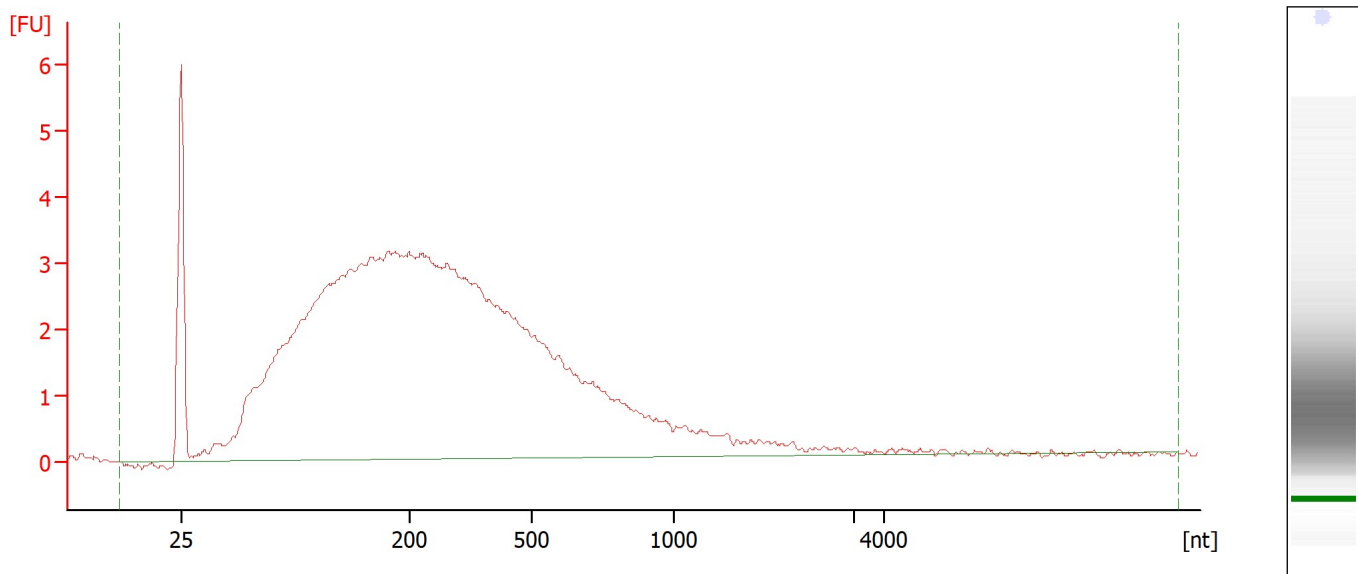
RNA Area:	165.2	RNA Integrity Number (RIN):	2 (B.02.10)
RNA Concentration:	3,761 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:2

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2024-11-21_001.xad

Created: 11/21/2024 3:18:47 PM
Modified: 11/21/2024 3:41:48 PM

Electropherogram Summary Continued ...

D22



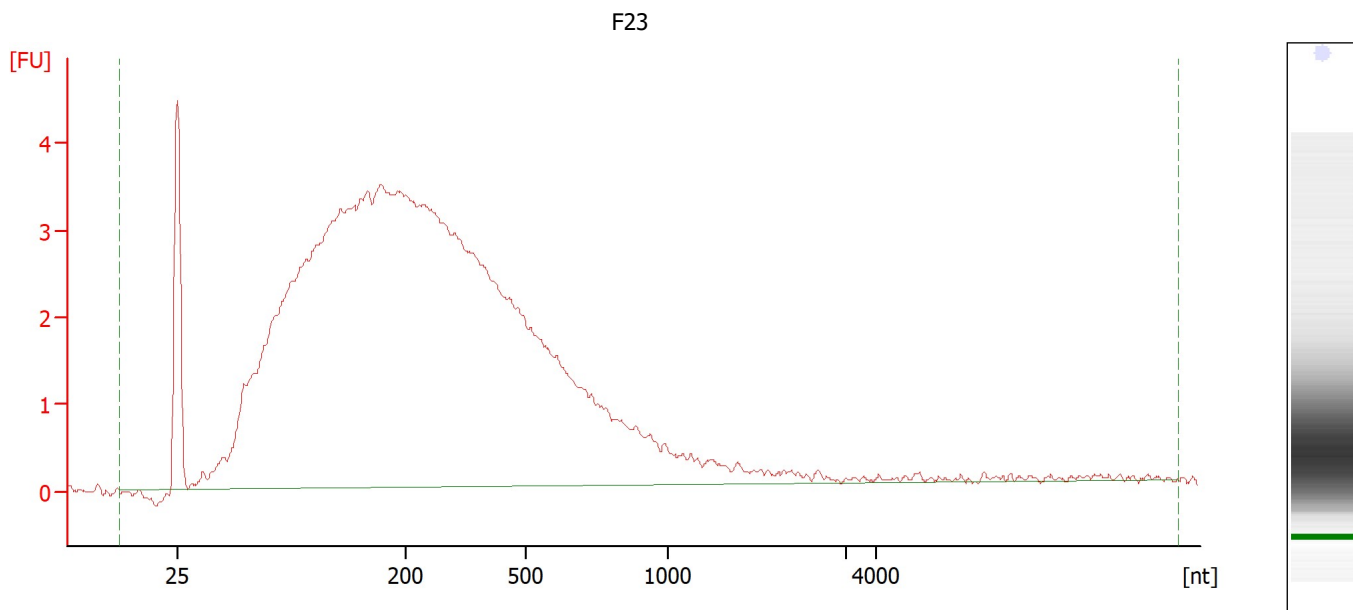
Overall Results for sample 9 : D22

RNA Area:	127.2	RNA Integrity Number (RIN):	2.2 (B.02.10)
RNA Concentration:	2,896 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.20

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2024-11-21_001.xad

Created: 11/21/2024 3:18:47 PM
 Modified: 11/21/2024 3:41:48 PM

Electropherogram Summary Continued ...



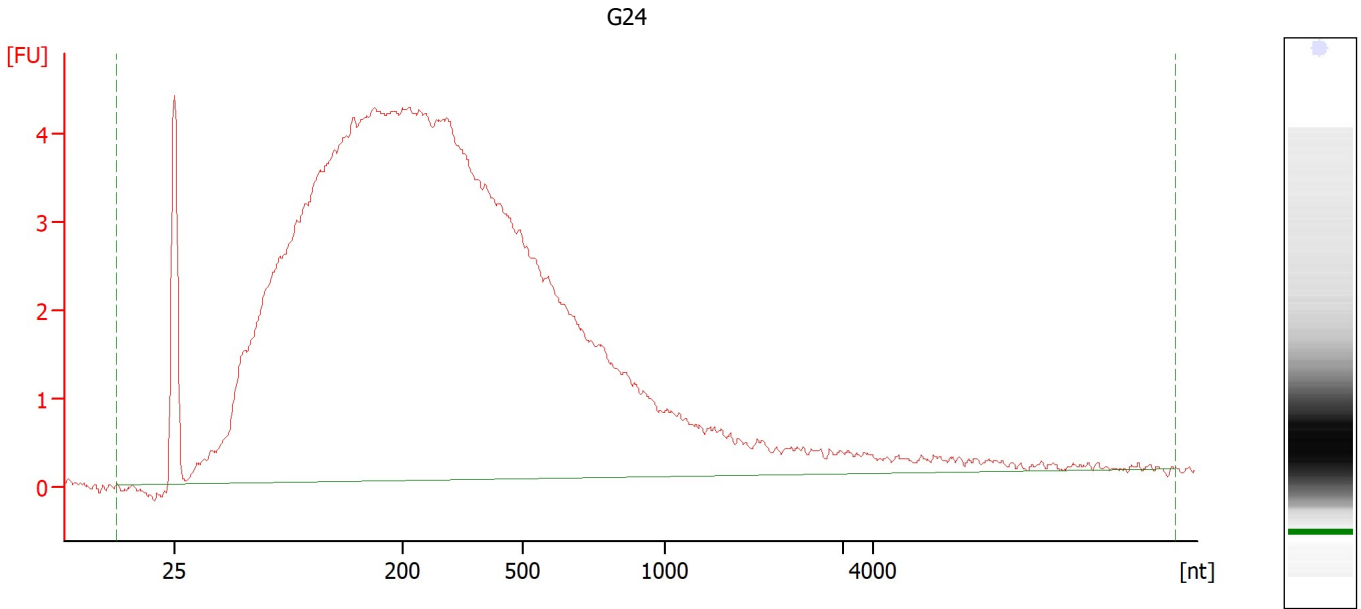
Overall Results for sample 10 : F23

RNA Area:	136.3	RNA Integrity Number (RIN):	2.1 (B.02.10)
RNA Concentration:	3,104 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.10

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2024-11-21_001.xad

Created: 11/21/2024 3:18:47 PM
Modified: 11/21/2024 3:41:48 PM

Electropherogram Summary Continued ...



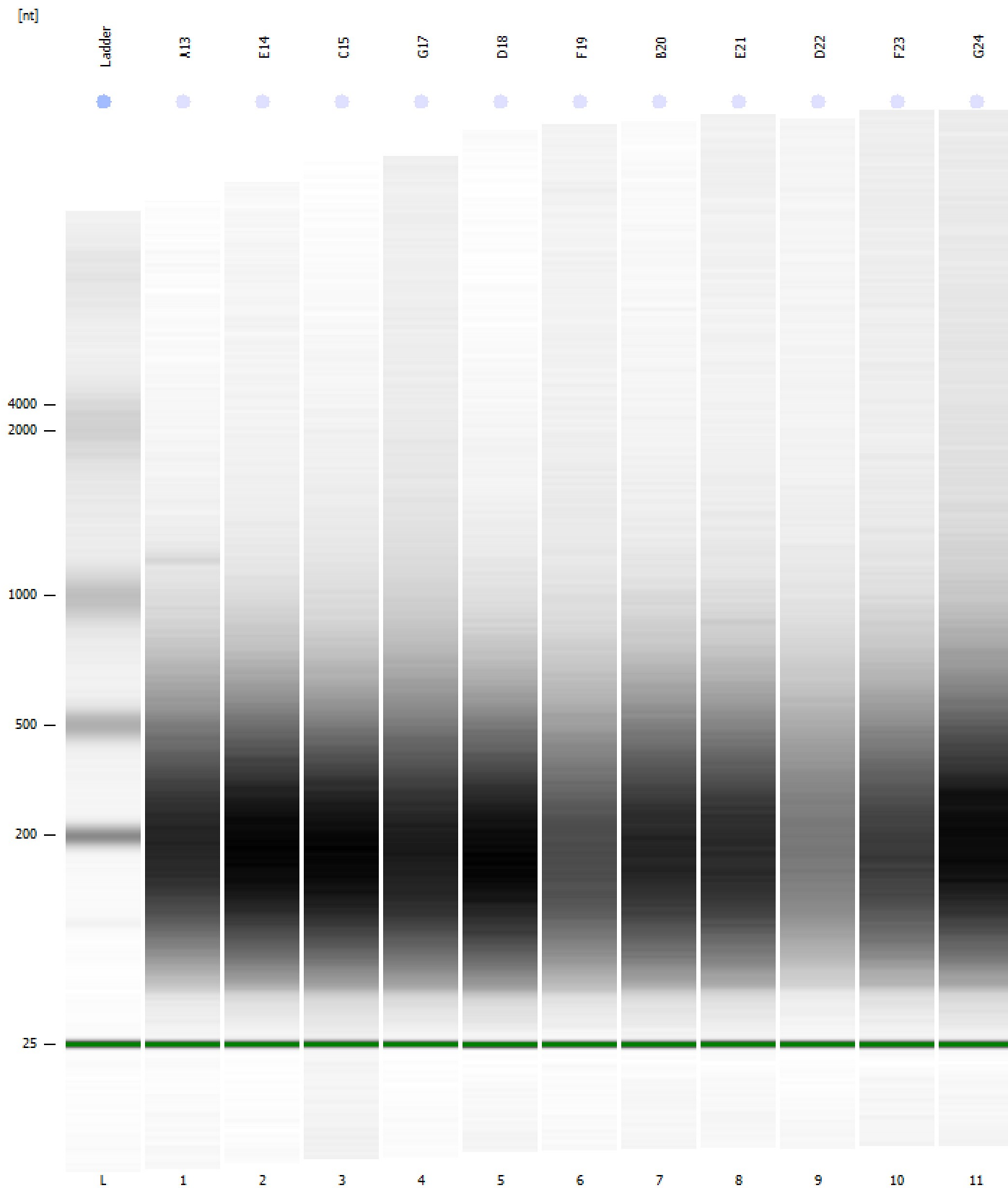
Overall Results for sample 11 : G24

RNA Area:	179.3	RNA Integrity Number (RIN):	2 (B.02.10)
RNA Concentration:	4,083 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:2

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2024-11-21_001.xad

Created: 11/21/2024 3:18:47 PM
Modified: 11/21/2024 3:41:48 PM

Gel Image



Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2024-11-21_001.xad

Created: 11/21/2024 3:18:47 PM
 Modified: 11/21/2024 3:41:48 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		11/21/2024 3:41:45 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\2024-11-21\Bioanalyzer1_Eukaryote Total RNA Pico_DE34903152_2024-11-21_001.xad)		Instrument	Run		11/21/2024 3:18:53 PM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Product Number : G2938C		Instrument	Run		11/21/2024 3:18:53 PM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Name :		Instrument	Run		11/21/2024 3:18:53 PM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Vendor : Agilent Technologies		Instrument	Run		11/21/2024 3:18:53 PM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Serial# : DE34903152		Instrument	Run		11/21/2024 3:18:53 PM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Firmware : C.01.069		Instrument	Run		11/21/2024 3:18:53 PM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Cartridge : Electrode		Instrument	Run		11/21/2024 3:18:53 PM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB