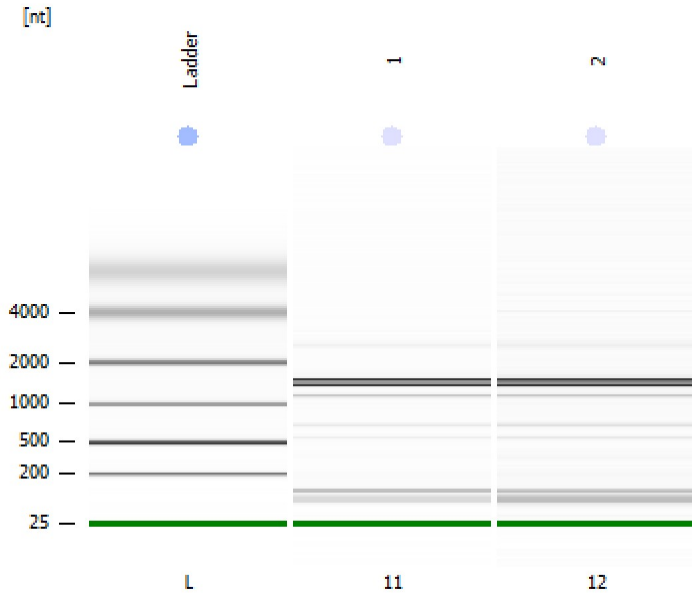


Assay Class: Eukaryote Total RNA Nano
Data Path: Z:\XADs\2020-08-27\QC0643.xad

Created: 8/27/2020 2:43:53 PM
Modified: 8/28/2020 10:02:39 AM

Electrophoresis File Run Summary



Instrument Information:

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

Assay Information:

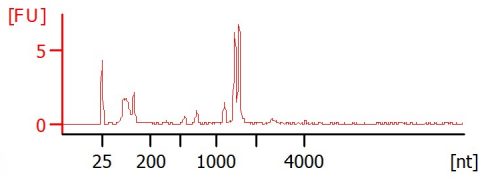
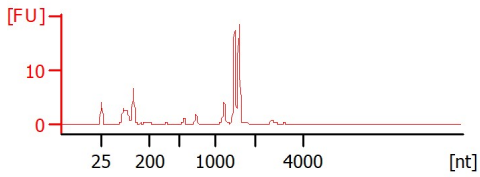
Assay Origin Path: C:\Program Files (x86)\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\Eukaryote Total RNA Nano Series II.xsy
Assay Class: Eukaryote Total RNA Nano
Version: 2.6
Assay Comments: Total RNA Analysis ng sensitivity (Eukaryote)
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Chip Information:

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

QC0643
RIN: 6

QC0643
RIN: 5.90



Assay Class: Eukaryote Total RNA Nano
Data Path: Z:\XADs\2020-08-27\QC0643.xad

Created: 8/27/2020 2:43:53 PM
Modified: 8/28/2020 10:02:39 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
1	QC0643	✓	RIN:6	
2	QC0643	✓	RIN: 5.90	
Ladder		✓	All Other Samples	

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Nano
Data Path: Z:\XADs\2020-08-27\QC0643.xad

Created: 8/27/2020 2:43:53 PM
Modified: 8/28/2020 10:02:39 AM

Electrophoresis Assay Details

General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 13
Minimum Visible Range [s] : 17
Maximum Visible Range [s] : 70
Start Analysis Time Range [s] : 19
End Analysis Time Range [s] : 69
Ladder Concentration [ng/μl] : 150
Lower Marker Concentration [ng/μl] : 0
Upper Marker Concentration [ng/μl] : 0
Used Lower Marker for Quantitation
Standard Curve Fit is Logarithmic
Show Data Aligned to Lower Marker

Integrator Settings

Integration Start Time [s] : 19
Integration End Time [s] : 69
Slope Threshold : 0.6
Height Threshold [FU] : 0.5
Area Threshold : 0.2
Width Threshold [s] : 0.5
Baseline Plateau [s] : 6

Filter Settings

Filter Width [s] : 0.5
Polynomial Order : 4

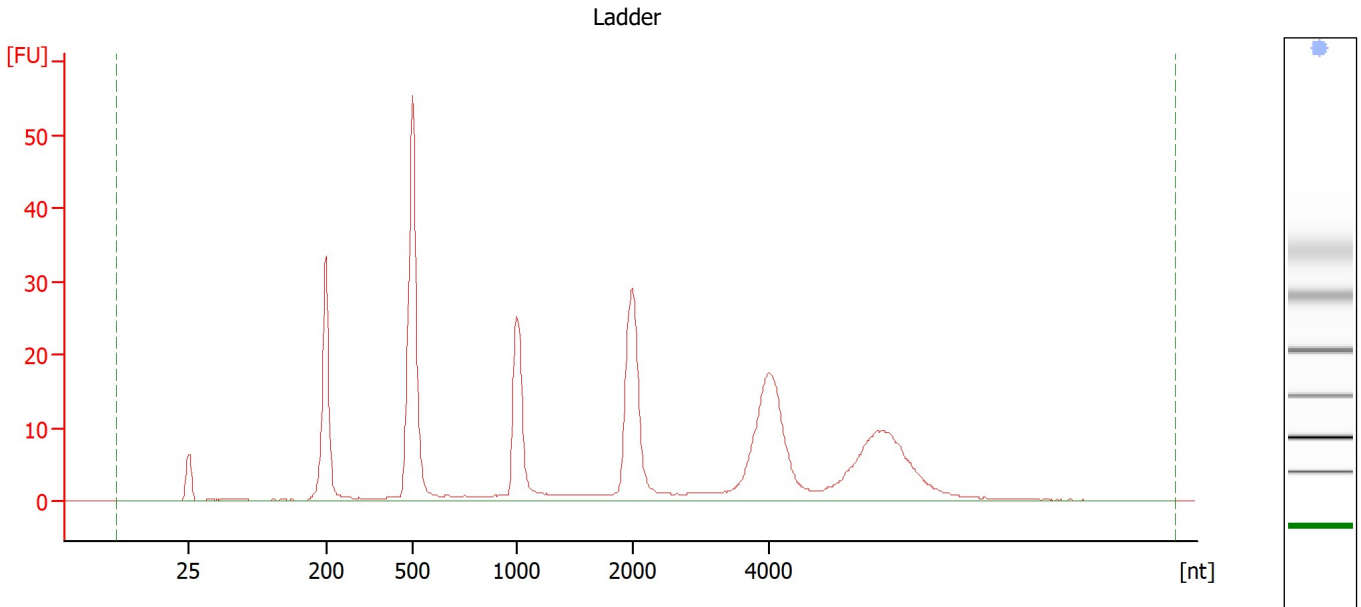
Ladder

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

Assay Class: Eukaryote Total RNA Nano
Data Path: Z:\XADs\2020-08-27\QC0643.xad

Created: 8/27/2020 2:43:53 PM
Modified: 8/28/2020 10:02:39 AM

Electropherogram Summary



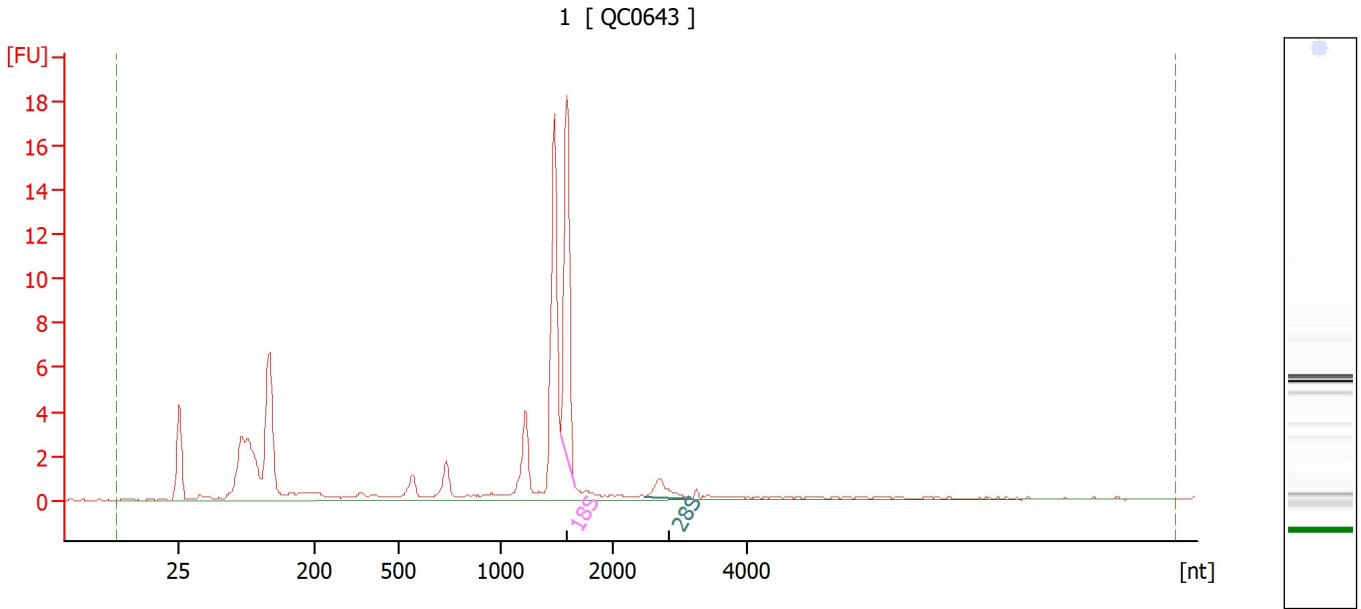
Overall Results for Ladder

RNA Area:	337.6	Result Flagging Color:	
RNA Concentration:	150 ng/ μ l	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Nano
Data Path: Z:\XADs\2020-08-27\QC0643.xad

Created: 8/27/2020 2:43:53 PM
Modified: 8/28/2020 10:02:39 AM

Electropherogram Summary Continued ...



Overall Results for sample 11 : 1

RNA Area:	70.9	RNA Integrity Number (RIN):	6 (B.02.10, Anomaly Threshold(s) manually adapted)
RNA Concentration:	32 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.1	Result Flagging Label:	RIN:6

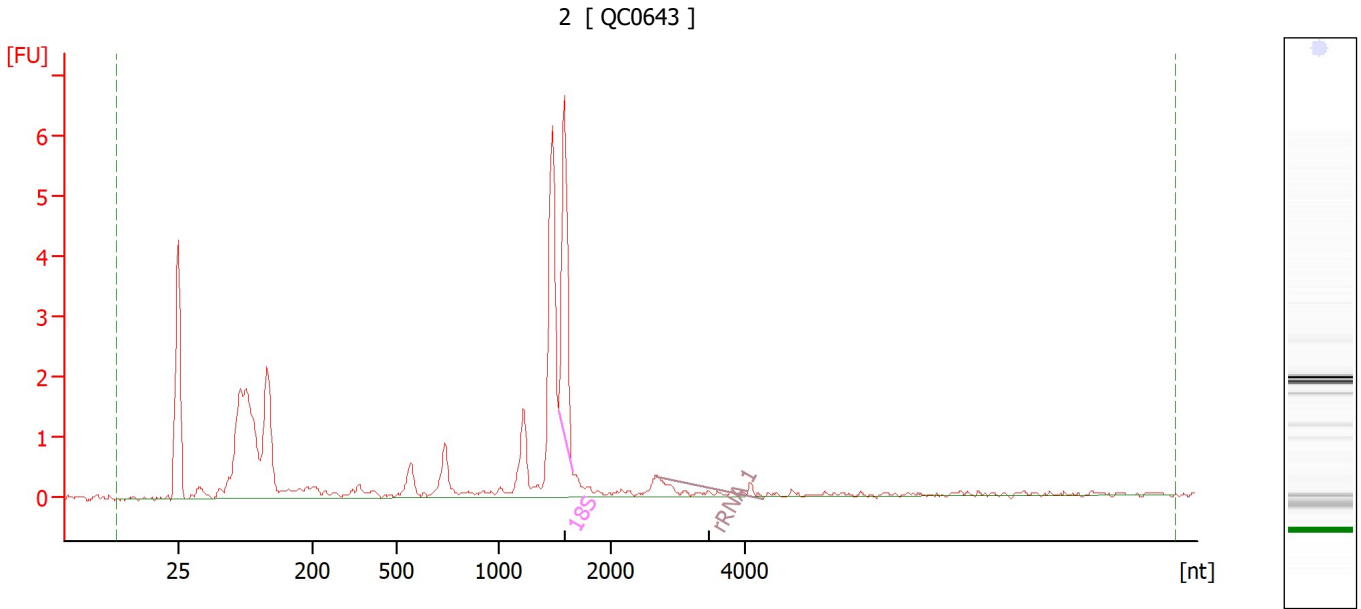
Fragment table for sample 11 : 1

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,524	1,648	11.1	15.6
28S	2,464	3,182	1.3	1.9

Assay Class: Eukaryote Total RNA Nano
Data Path: Z:\XADs\2020-08-27\QC0643.xad

Created: 8/27/2020 2:43:53 PM
Modified: 8/28/2020 10:02:39 AM

Electropherogram Summary Continued ...



Overall Results for sample 12 : 2

RNA Area:	31.3	RNA Integrity Number (RIN):	5.9 (B.02.10, Anomaly Threshold(s) manually adapted)
RNA Concentration:	14 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 5.90

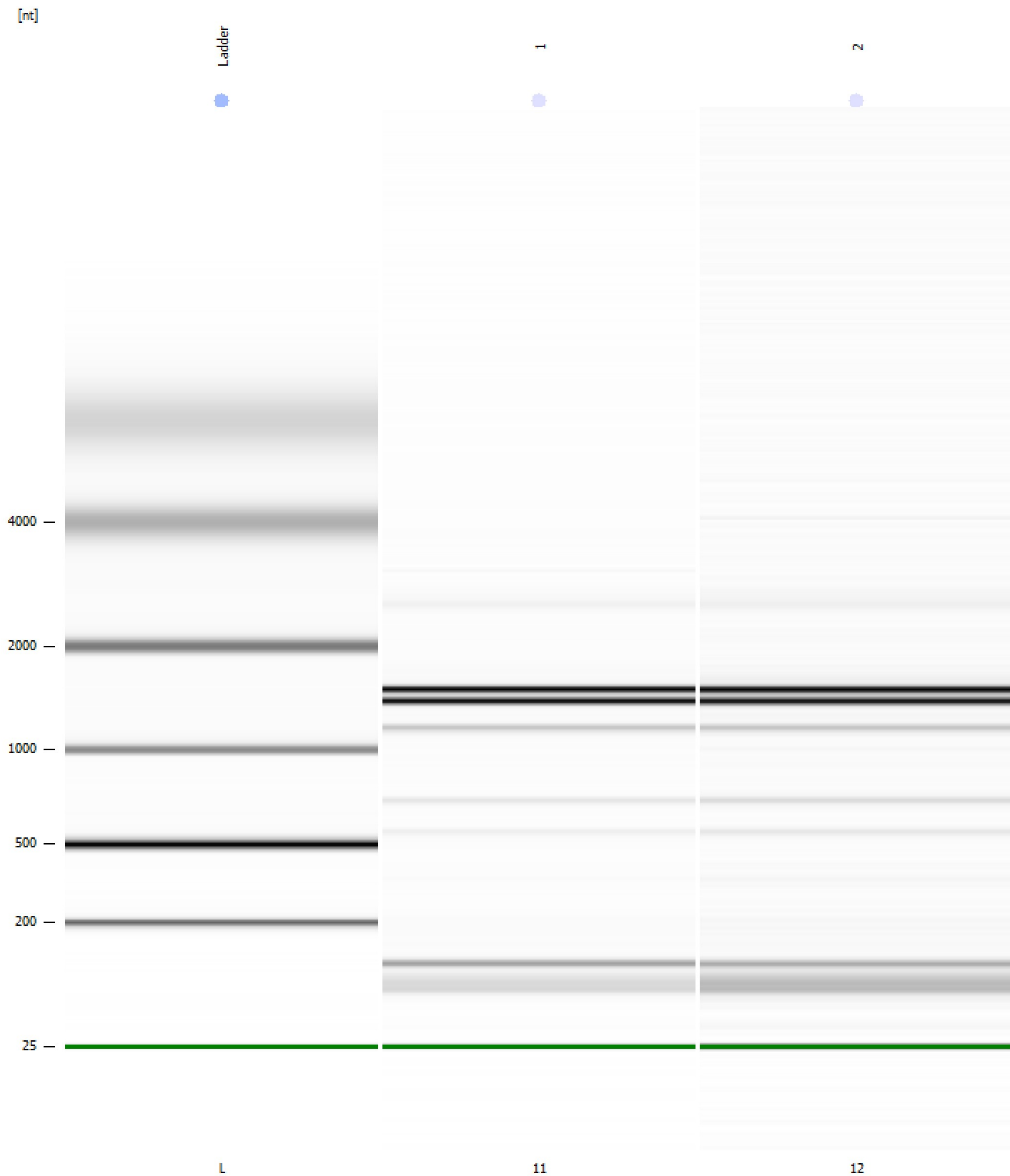
Fragment table for sample 12 : 2

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,523	1,647	4.0	12.8
rRNA 1	2,677	4,275	0.2	0.6

Assay Class: Eukaryote Total RNA Nano
Data Path: Z:\XADs\2020-08-27\QC0643.xad

Created: 8/27/2020 2:43:53 PM
Modified: 8/28/2020 10:02:39 AM

Gel Image



Assay Class: Eukaryote Total RNA Nano
 Data Path: Z:\XADs\2020-08-27\QC0643.xad

Created: 8/27/2020 2:43:53 PM
 Modified: 8/28/2020 10:02:39 AM

Run Logbook

Description	Number	Source	Category	Sub Category	Time	Time Zone	User	Host
Run ended on port 1 (Number of wells acquired: 13)		Instrument	Run		8/27/2020 3:06:55 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Run started on port 1 (File: Z:\XADs\2020-08-27\Bioanalyze_r1_Eukaryote Total RNA Nano_2020-08-27_001.xad)		Instrument	Run		8/27/2020 2:43:58 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Product Number : G2938C		Instrument	Run		8/27/2020 2:43:58 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Name :		Instrument	Run		8/27/2020 2:43:58 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Vendor : Agilent Technologies		Instrument	Run		8/27/2020 2:43:58 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Serial# : DE34903152		Instrument	Run		8/27/2020 2:43:58 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Firmware : C.01.069		Instrument	Run		8/27/2020 2:43:58 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Cartridge : Electrode		Instrument	Run		8/27/2020 2:43:58 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB