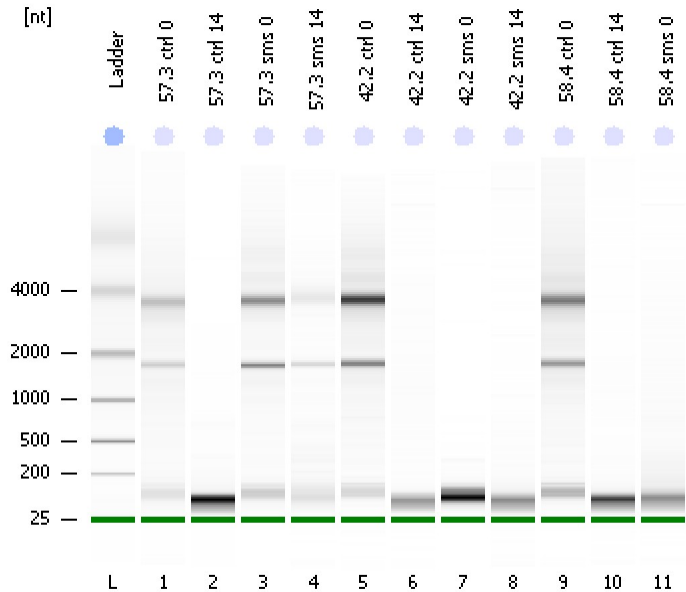


Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-06\2018-02-06_002.xad

Created: 2/6/2018 3:21:47 PM
Modified: 2/6/2018 3:44:42 PM

Electrophoresis File Run Summary



Instrument Information:

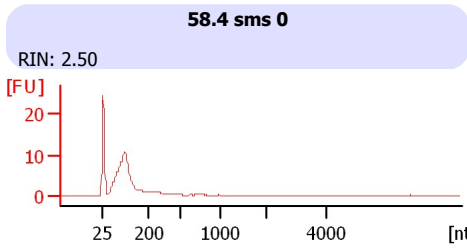
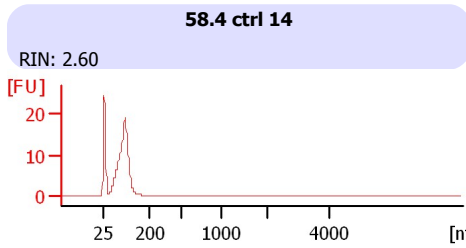
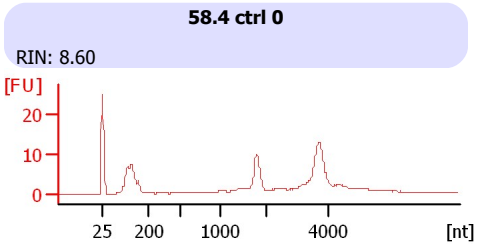
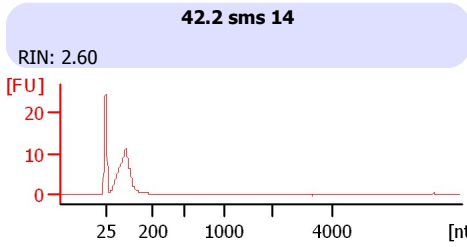
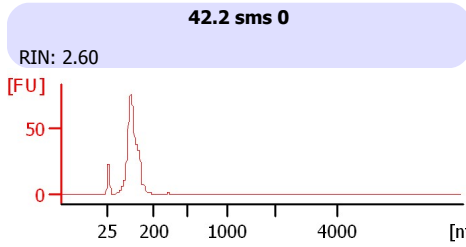
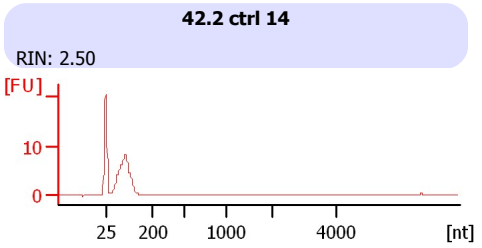
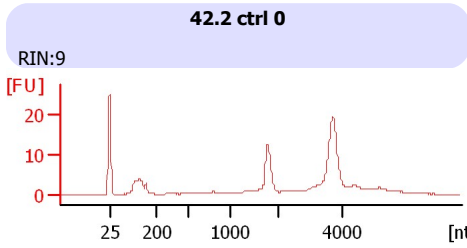
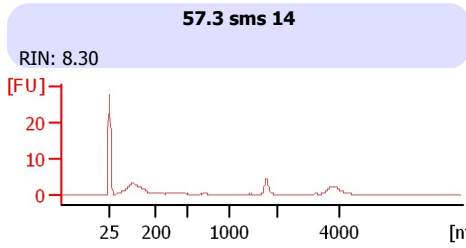
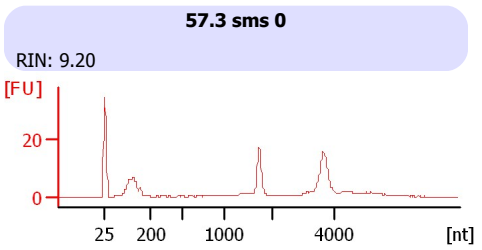
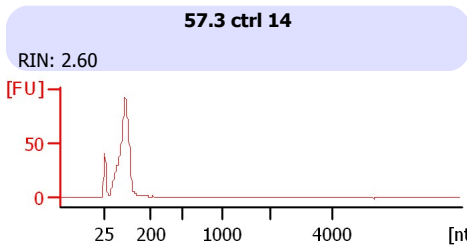
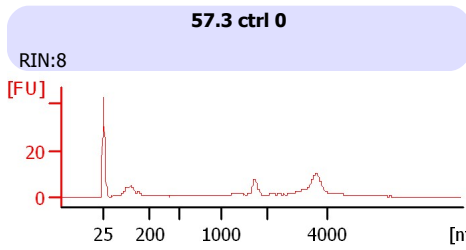
Instrument Name: DE34903152 Firmware: C.01.069
Serial#: DE34903152 Type: G2938C

Assay Information:

Assay Origin Path: C:\Program Files\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)
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Chip Information:

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



Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-06\2018-02-06_002.xad

Created: 2/6/2018 3:21:47 PM
 Modified: 2/6/2018 3:44:42 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
57.3 ctrl 0		✓	RIN:8	
57.3 ctrl 14		✓	RIN: 2.60	
57.3 sms 0		✓	RIN: 9.20	
57.3 sms 14		✓	RIN: 8.30	
42.2 ctrl 0		✓	RIN:9	
42.2 ctrl 14		✓	RIN: 2.50	
42.2 sms 0		✓	RIN: 2.60	
42.2 sms 14		✓	RIN: 2.60	
58.4 ctrl 0		✓	RIN: 8.60	
58.4 ctrl 14		✓	RIN: 2.60	
58.4 sms 0		✓	RIN: 2.50	
Ladder		✓	All Other Samples	

Chip Lot #

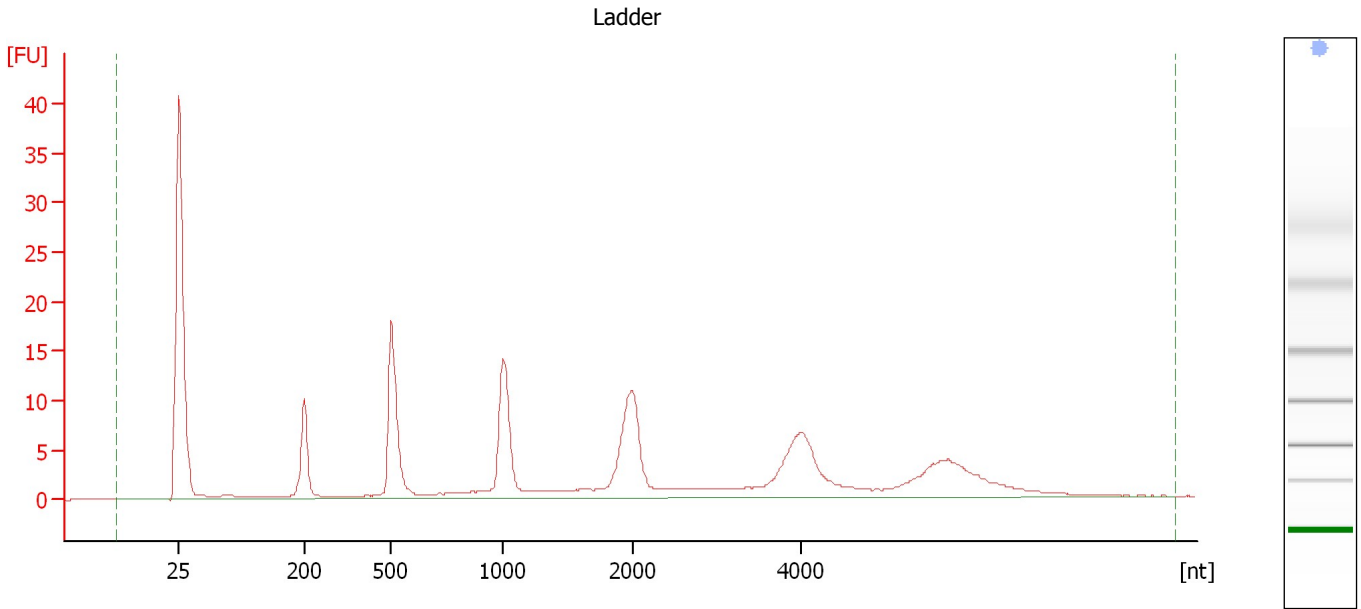
Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-06\2018-02-06_002.xad

Created: 2/6/2018 3:21:47 PM
Modified: 2/6/2018 3:44:42 PM

Electropherogram Summary



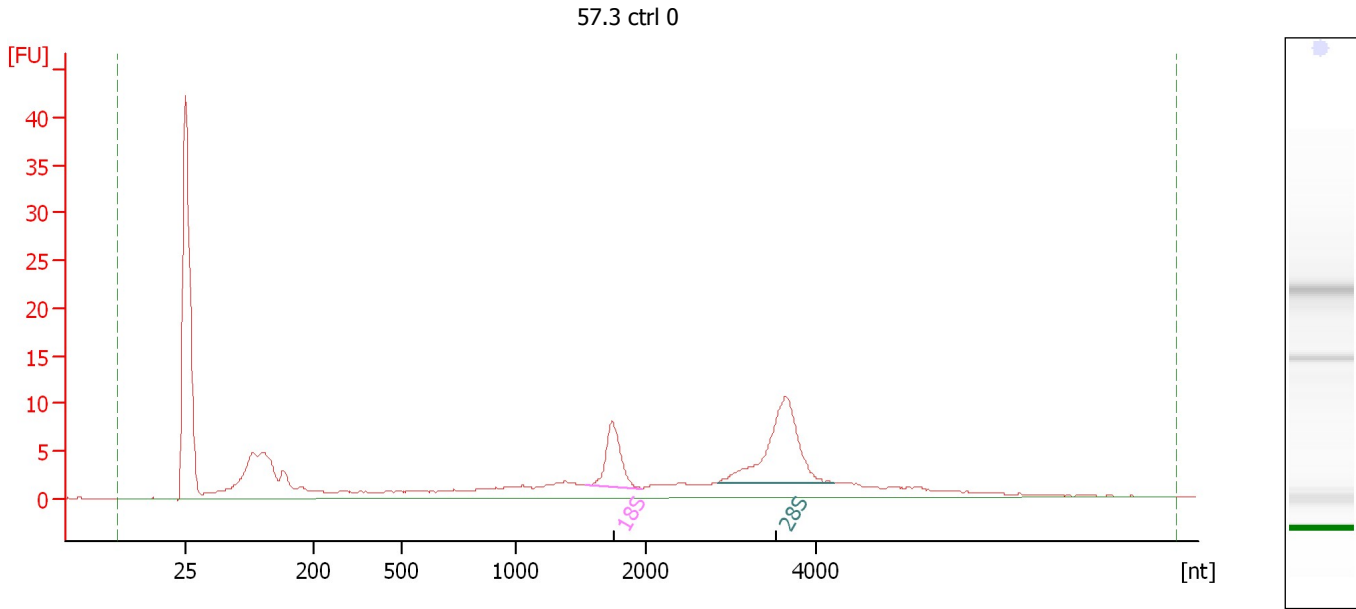
Overall Results for Ladder

RNA Area:	168.3	Result Flagging Color:	
RNA Concentration:	1,000 pg/μl	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-06\2018-02-06_002.xad

Created: 2/6/2018 3:21:47 PM
Modified: 2/6/2018 3:44:42 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : 57.3 ctrl 0

RNA Area: 161.2 RNA Integrity Number (RIN): 8 (B.02.08)
RNA Concentration: 958 µg/µl Result Flagging Color:
rRNA Ratio [28s / 18s]: 2.3 Result Flagging Label: RIN:8

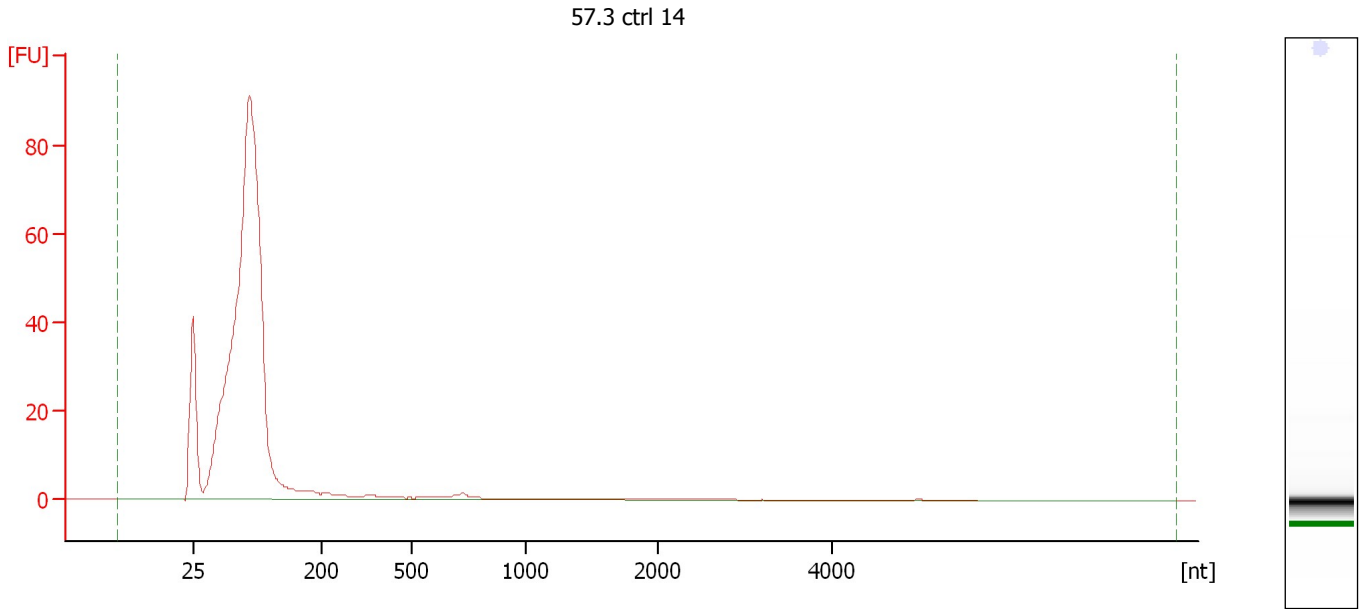
Fragment table for sample 1 : 57.3 ctrl 0

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,542	1,977	12.7	7.9
28S	2,840	4,214	29.6	18.3

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-06\2018-02-06_002.xad

Created: 2/6/2018 3:21:47 PM
Modified: 2/6/2018 3:44:42 PM

Electropherogram Summary Continued ...



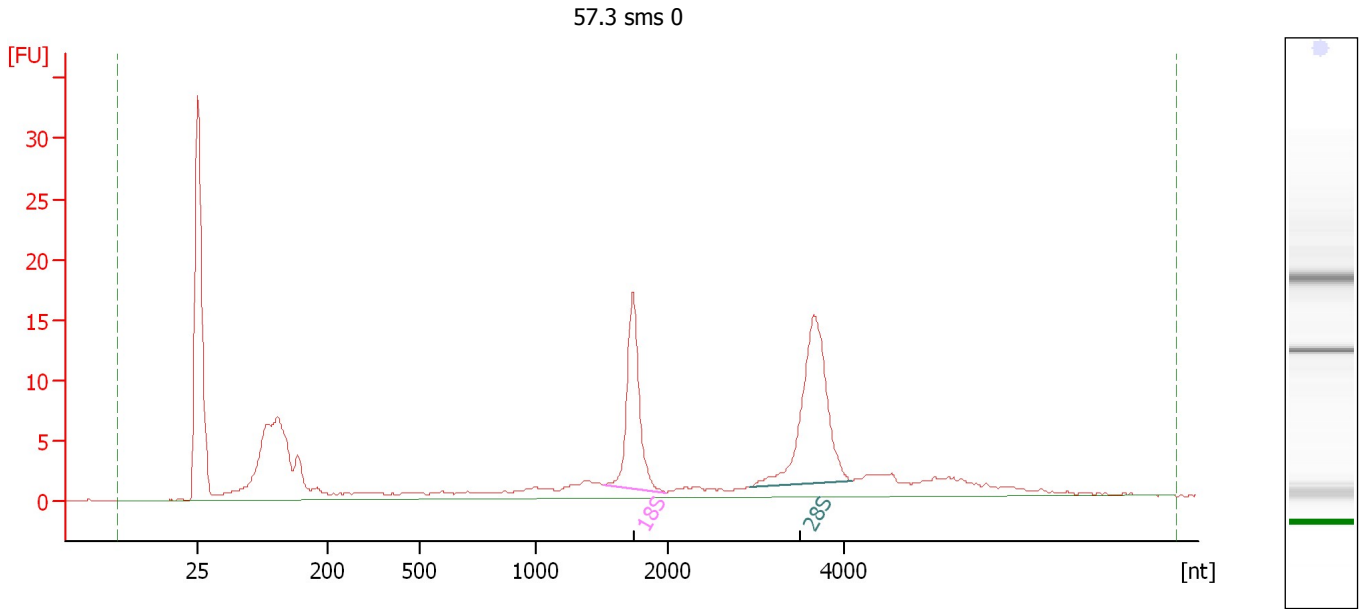
Overall Results for sample 2 : 57.3 ctrl 14

RNA Area:	540.4	RNA Integrity Number (RIN):	2.6 (B.02.08)
RNA Concentration:	3,210 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.60

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-06\2018-02-06_002.xad

Created: 2/6/2018 3:21:47 PM
Modified: 2/6/2018 3:44:42 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : 57.3 sms 0

RNA Area:	172.4	RNA Integrity Number (RIN):	9.2 (B.02.08)
RNA Concentration:	1,024 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.5	Result Flagging Label:	RIN: 9.20

Fragment table for sample 3 : 57.3 sms 0

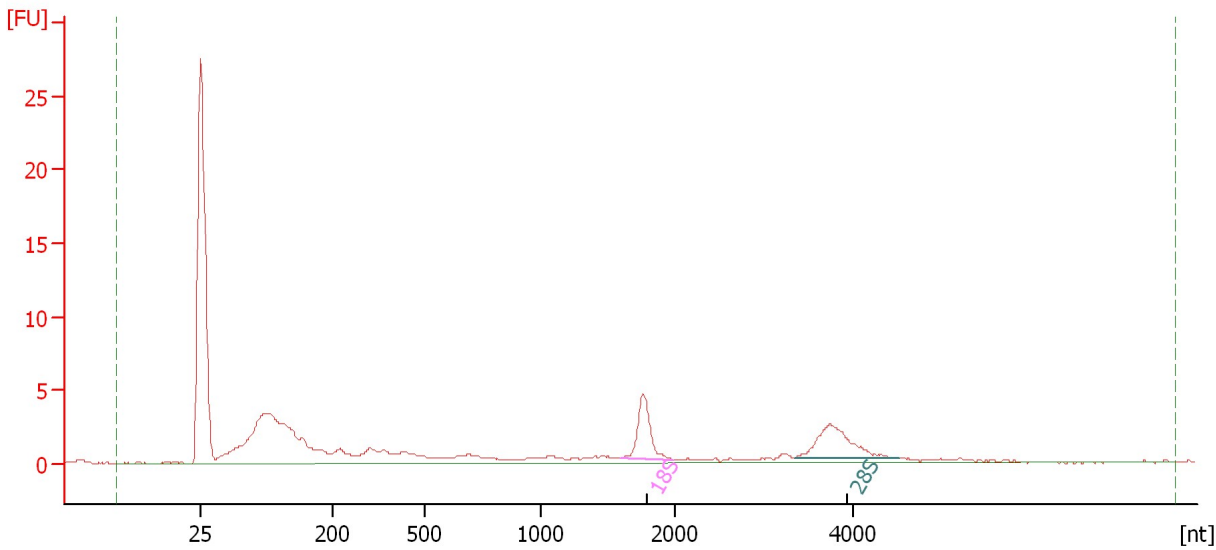
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,517	1,975	24.1	14.0
28S	2,937	4,096	36.4	21.1

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-06\2018-02-06_002.xad

Created: 2/6/2018 3:21:47 PM
Modified: 2/6/2018 3:44:42 PM

Electropherogram Summary Continued ...

57.3 sms 14



Overall Results for sample 4 : 57.3 sms 14

RNA Area: 74.0 RNA Integrity Number (RIN): 8.3 (B.02.08)
RNA Concentration: 440 pg/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 1.2 Result Flagging Label: RIN: 8.30

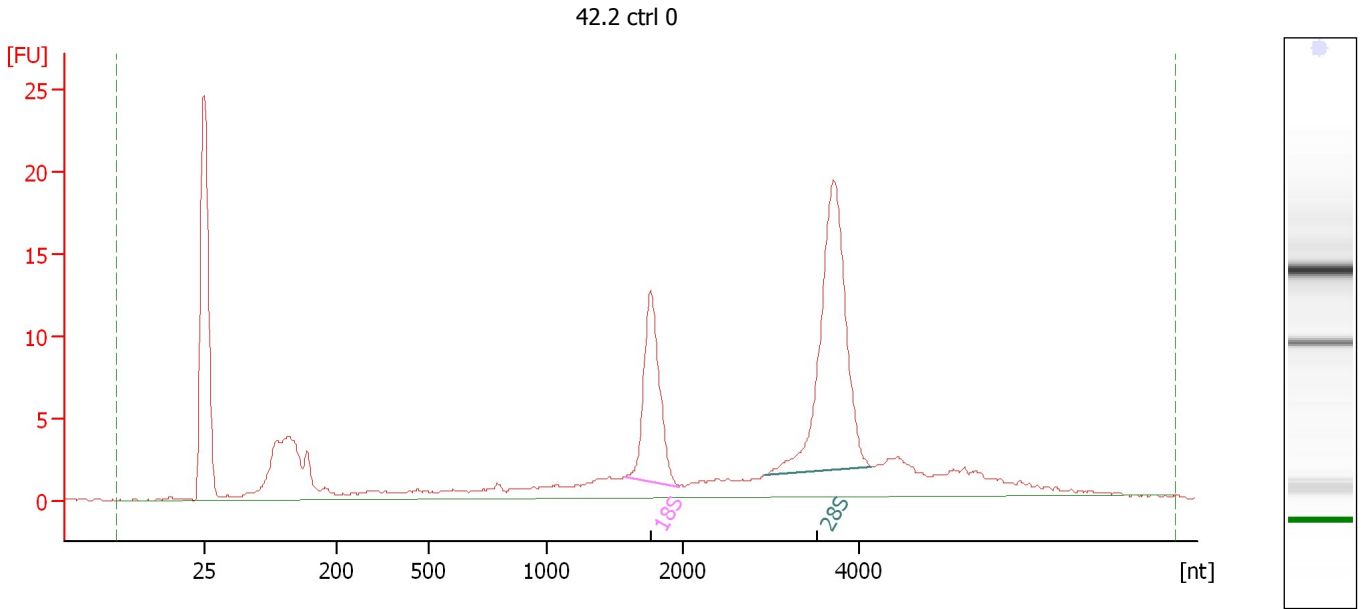
Fragment table for sample 4 : 57.3 sms 14

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,595	1,985	6.6	8.9
28S	3,343	4,528	7.8	10.5

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-06\2018-02-06_002.xad

Created: 2/6/2018 3:21:47 PM
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Electropherogram Summary Continued ...



Overall Results for sample 5 : 42.2 ctrl 0

RNA Area: 172.6 RNA Integrity Number (RIN): 9 (B.02.08)
RNA Concentration: 1,025 pg/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 2.1 Result Flagging Label: RIN:9

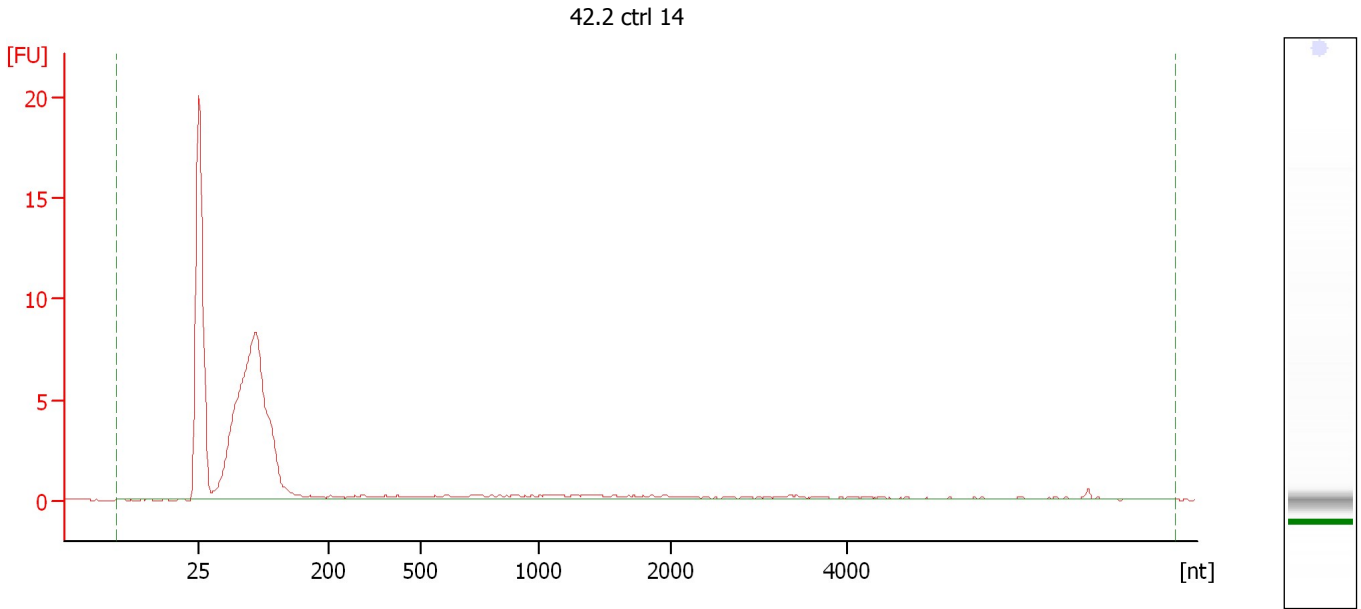
Fragment table for sample 5 : 42.2 ctrl 0

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,583	1,978	21.9	12.7
28S	2,940	4,130	46.3	26.8

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-06\2018-02-06_002.xad

Created: 2/6/2018 3:21:47 PM
Modified: 2/6/2018 3:44:42 PM

Electropherogram Summary Continued ...



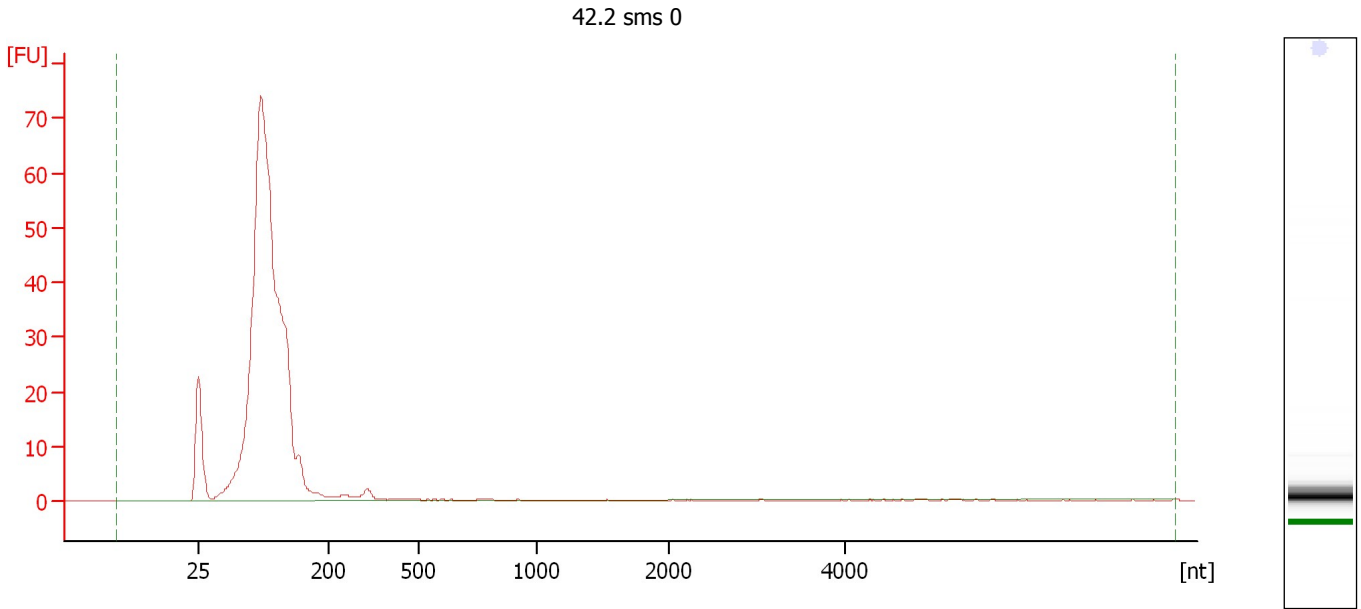
Overall Results for sample 6 : 42.2 ctrl 14

RNA Area:	62.2	RNA Integrity Number (RIN):	2.5 (B.02.08)
RNA Concentration:	369 µg/µl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.50

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-06\2018-02-06_002.xad

Created: 2/6/2018 3:21:47 PM
Modified: 2/6/2018 3:44:42 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : 42.2 sms 0

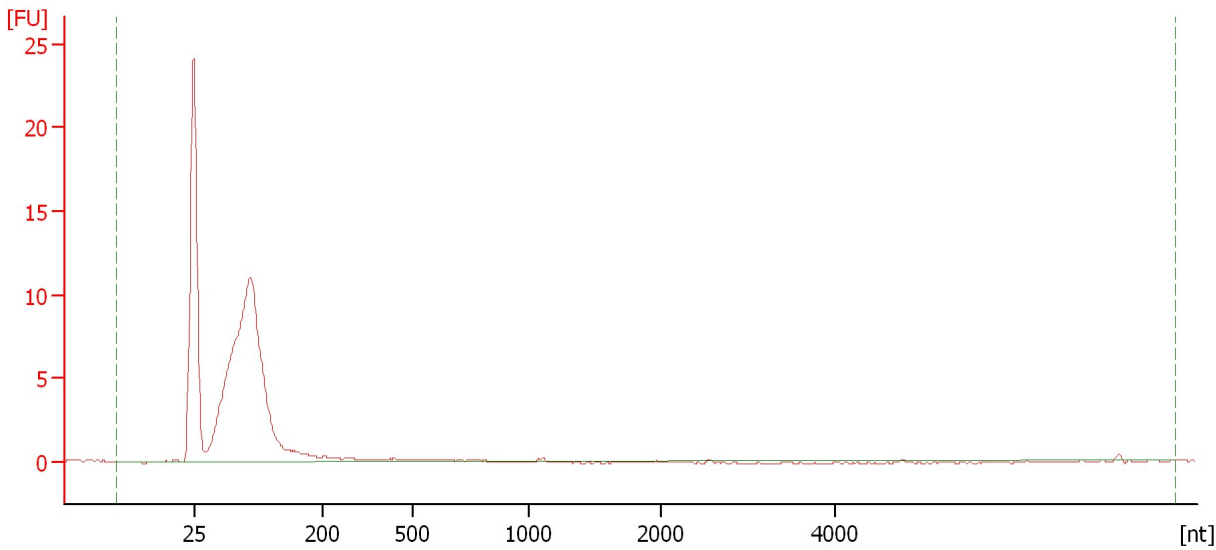
RNA Area:	415.5	RNA Integrity Number (RIN):	2.6 (B.02.08)
RNA Concentration:	2,468 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.60

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-06\2018-02-06_002.xad

Created: 2/6/2018 3:21:47 PM
Modified: 2/6/2018 3:44:42 PM

Electropherogram Summary Continued ...

42.2 sms 14



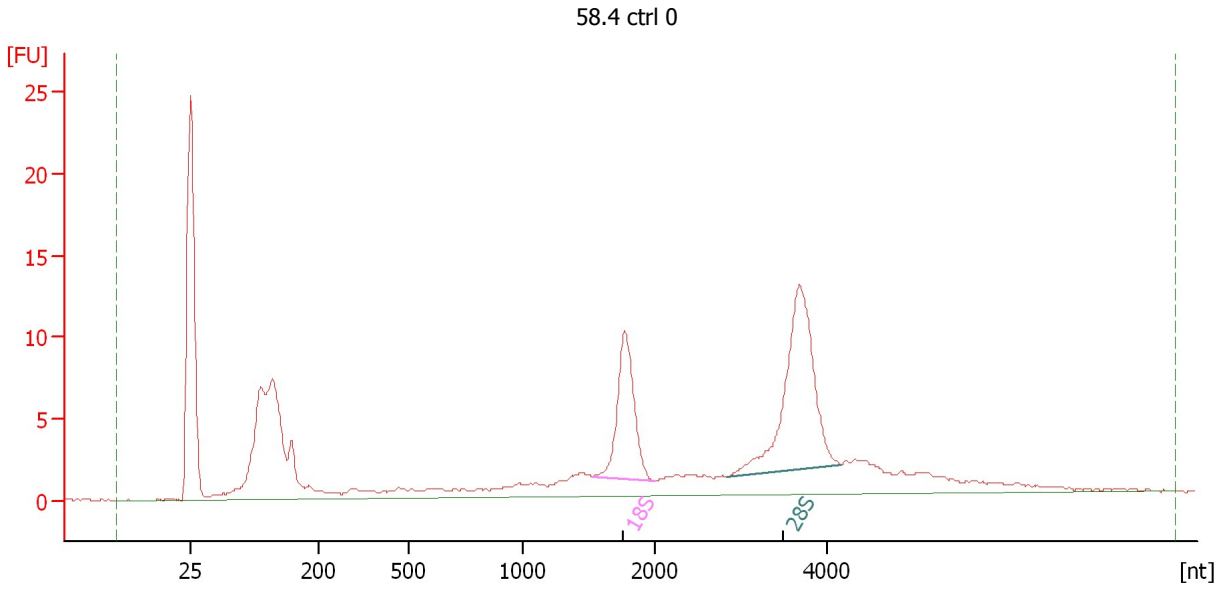
Overall Results for sample 8 : 42.2 sms 14

RNA Area:	81.2	RNA Integrity Number (RIN):	2.6 (B.02.08)
RNA Concentration:	483 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.60

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-06\2018-02-06_002.xad

Created: 2/6/2018 3:21:47 PM
Modified: 2/6/2018 3:44:42 PM

Electropherogram Summary Continued ...



Overall Results for sample 9 : 58.4 ctrl 0

RNA Area: 170.2 RNA Integrity Number (RIN): 8.6 (B.02.08)
RNA Concentration: 1,011 pg/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 1.8 Result Flagging Label: RIN: 8.60

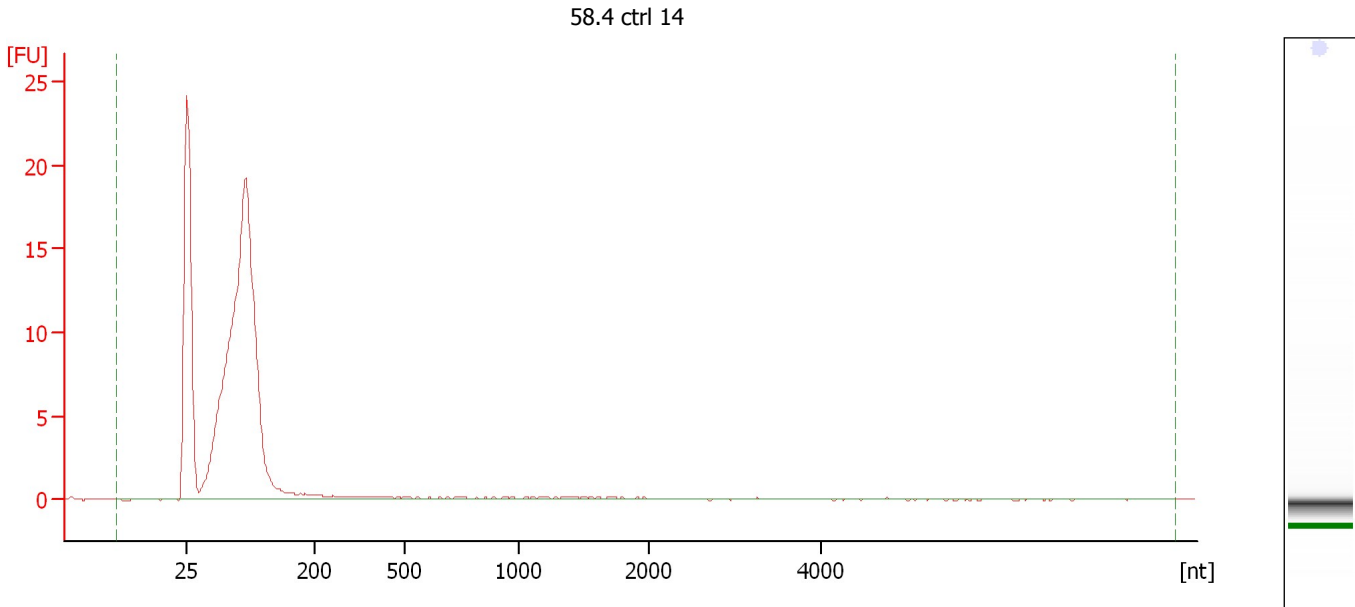
Fragment table for sample 9 : 58.4 ctrl 0

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,524	1,996	18.7	11.0
28S	2,835	4,157	34.3	20.2

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-06\2018-02-06_002.xad

Created: 2/6/2018 3:21:47 PM
Modified: 2/6/2018 3:44:42 PM

Electropherogram Summary Continued ...



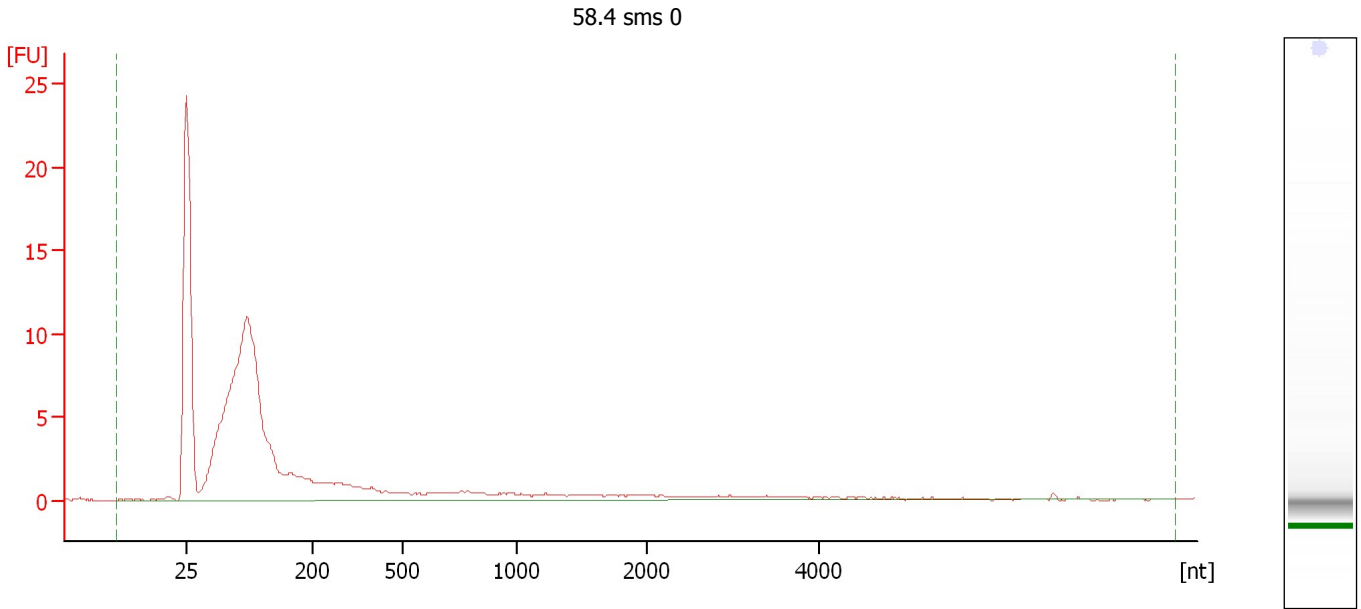
Overall Results for sample 10 : 58.4 ctrl 14

RNA Area:	111.9	RNA Integrity Number (RIN):	2.6 (B.02.08)
RNA Concentration:	665 µg/µl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.60

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-06\2018-02-06_002.xad

Created: 2/6/2018 3:21:47 PM
Modified: 2/6/2018 3:44:42 PM

Electropherogram Summary Continued ...



Overall Results for sample 11 : 58.4 sms 0

RNA Area:	113.8	RNA Integrity Number (RIN):	2.5 (B.02.08)
RNA Concentration:	676 µg/µl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.50

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-06\2018-02-06_002.xad

Created: 2/6/2018 3:21:47 PM
Modified: 2/6/2018 3:44:42 PM

Gel Image

