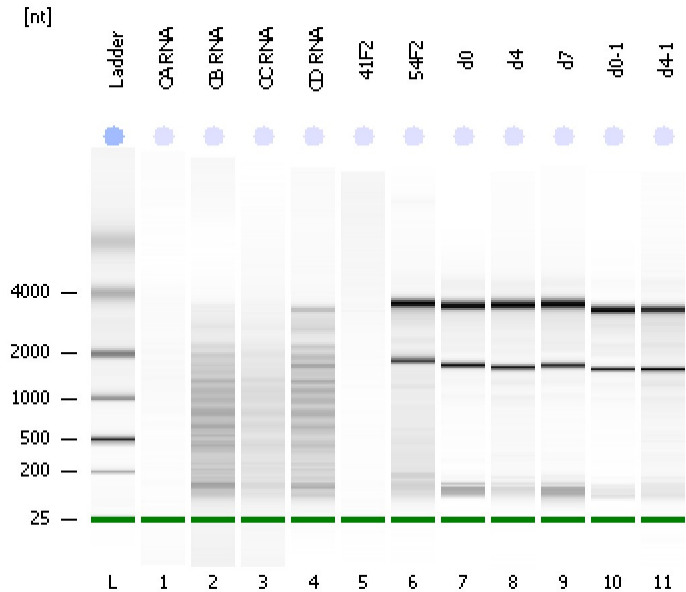


Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-02\2017-05-02_002.xad

Created: 5/2/2017 10:23:32 AM
Modified: 5/2/2017 10:46:25 AM

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: DE13701086 Firmware: C.01.069
Serial#: DE13701086 Type: G2938B

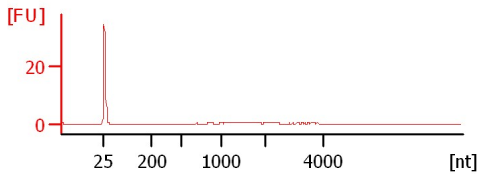
Assay Information:

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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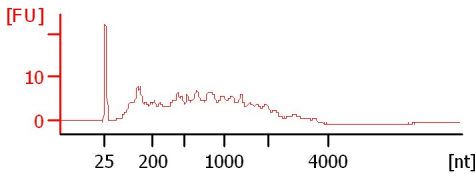
Chip Information:

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

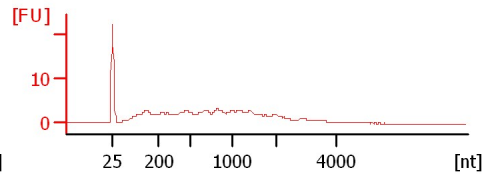
CA RNA
RIN: 2.20



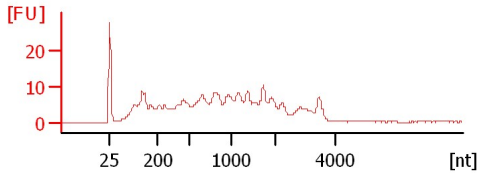
CB RNA
RIN: 2.80



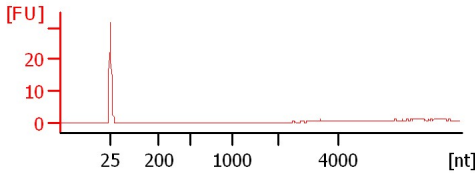
CC RNA
RIN: 1.90



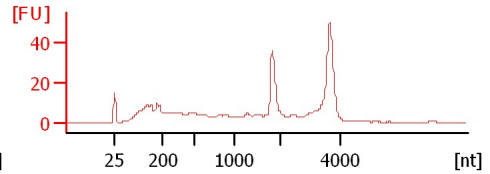
CD RNA
RIN: 3.70



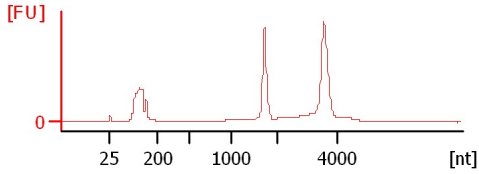
41F2
RIN: 1.10



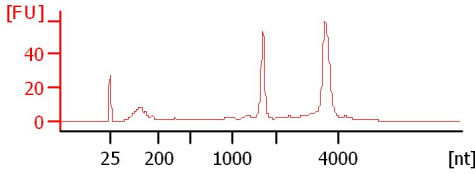
54F2
RIN: 7.80



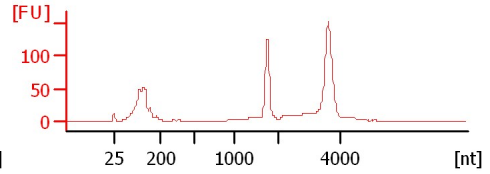
d0
RIN: 9.30



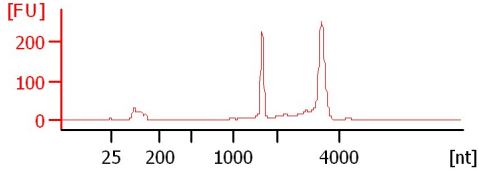
d4
RIN: 9.10



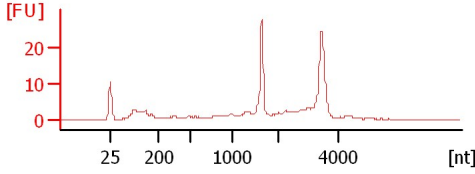
d7
RIN: 9.20



d0-1
RIN: 9.50



d4-1
RIN: 8.20



Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-02\2017-05-02_002.xad

Created: 5/2/2017 10:23:32 AM
 Modified: 5/2/2017 10:46:25 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
CA RNA		✓	RIN: 2.20	
CB RNA		✓	RIN: 2.80	
CC RNA		✓	RIN: 1.90	
CD RNA		✓	RIN: 3.70	
41F2		✓	RIN: 1.10	
54F2		✓	RIN: 7.80	
d0		✓	RIN: 9.30	
d4		✓	RIN: 9.10	
d7		✓	RIN: 9.20	
d0-1		✓	RIN: 9.50	
d4-1		✓	RIN: 8.20	
Ladder		✓	All Other Samples	

Chip Lot #

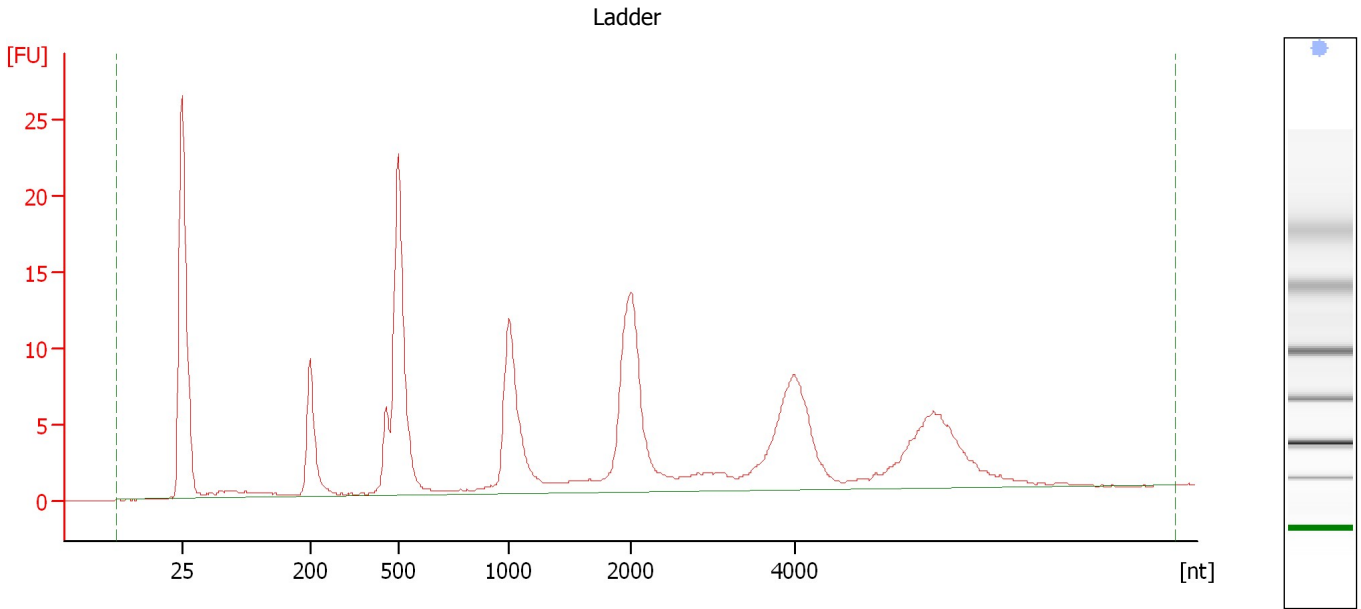
Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-02\2017-05-02_002.xad

Created: 5/2/2017 10:23:32 AM
Modified: 5/2/2017 10:46:25 AM

Electropherogram Summary



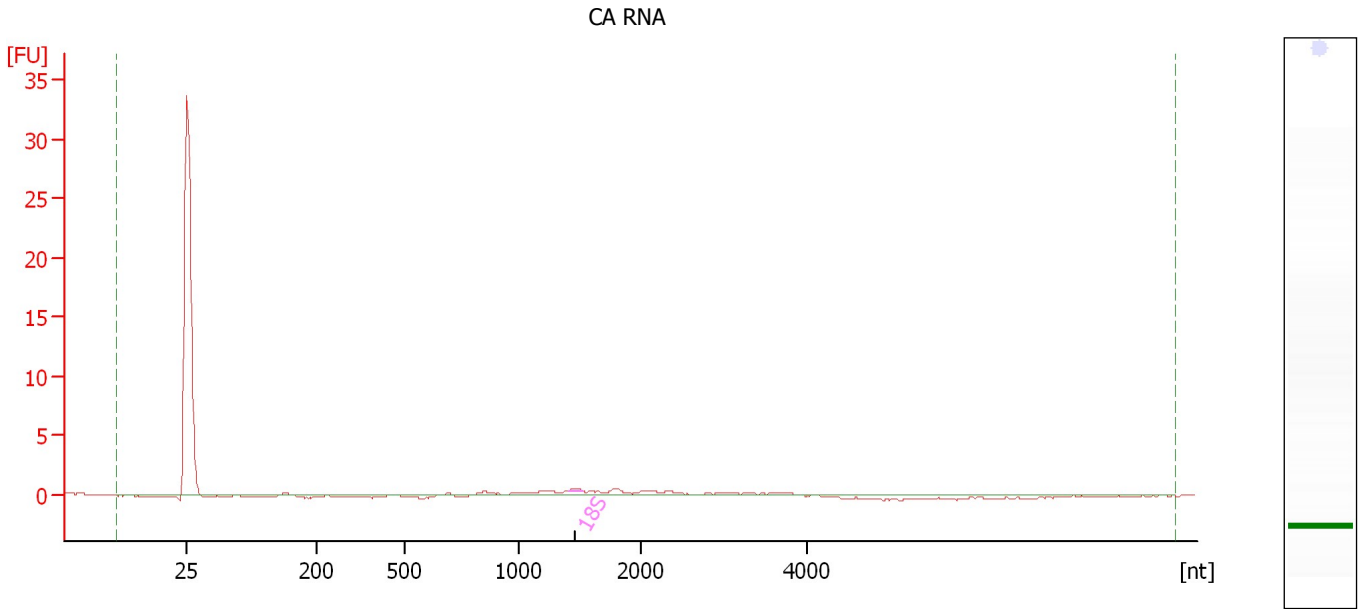
Overall Results for Ladder

RNA Area:	198.8	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\2017-05-02\2017-05-02_002.xad

Created: 5/2/2017 10:23:32 AM
Modified: 5/2/2017 10:46:25 AM

Electropherogram Summary Continued ...



Overall Results for sample 1 : CA RNA

RNA Area: 9.8 RNA Integrity Number (RIN): 2.2 (B.02.08)
RNA Concentration: 49 pg/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 0.0 Result Flagging Label: RIN: 2.20

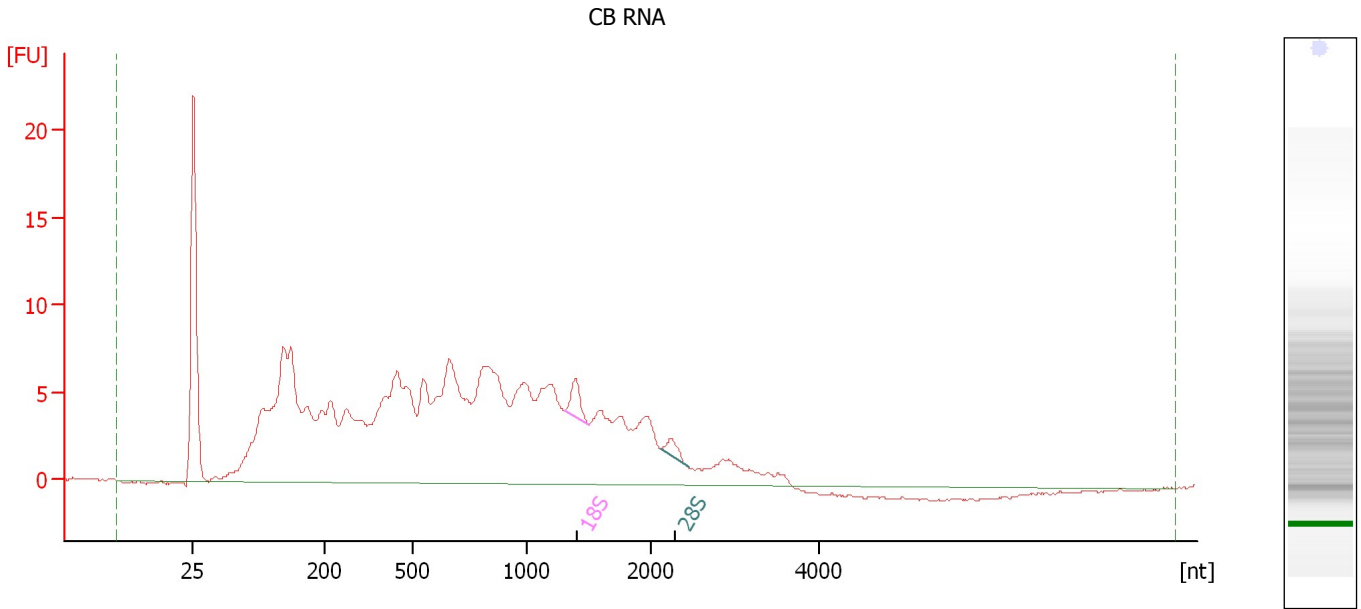
Fragment table for sample 1 : CA RNA

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,404	1,525	0.2	2.2

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-02\2017-05-02_002.xad

Created: 5/2/2017 10:23:32 AM
Modified: 5/2/2017 10:46:25 AM

Electropherogram Summary Continued ...



Overall Results for sample 2 : CB RNA

RNA Area: 277.2 RNA Integrity Number (RIN): 2.8 (B.02.08)
RNA Concentration: 1,394 pg/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 0.5 Result Flagging Label: RIN: 2.80

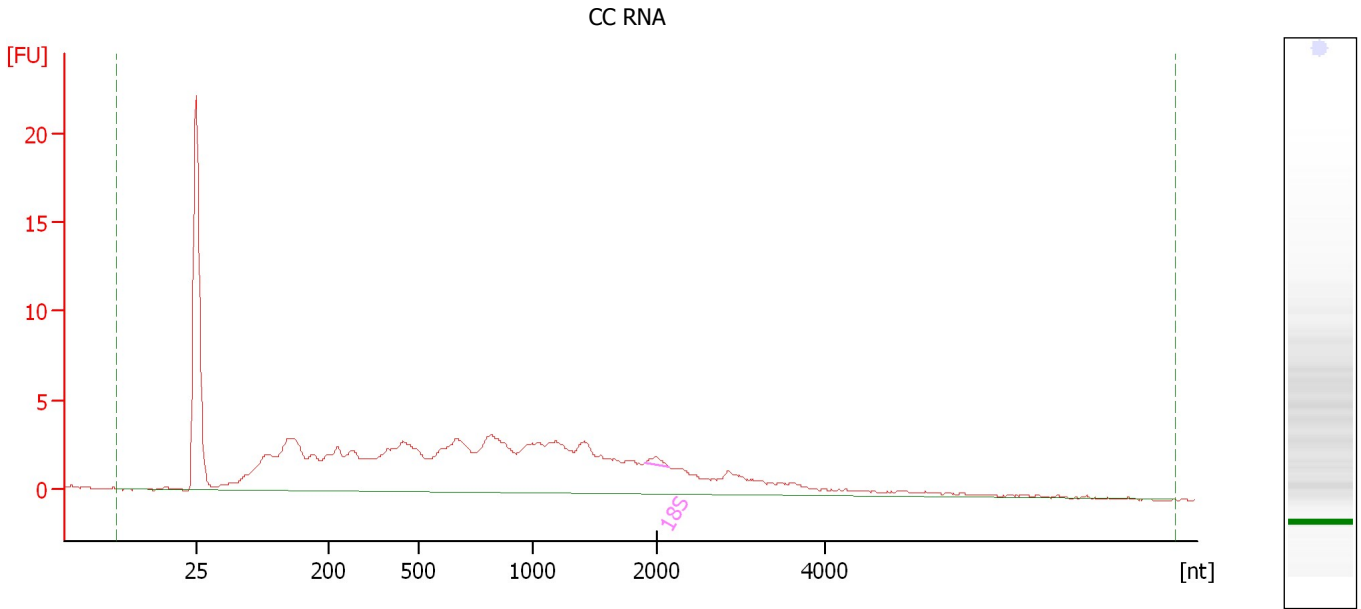
Fragment table for sample 2 : CB RNA

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,302	1,490	2.7	1.0
28S	2,111	2,443	1.4	0.5

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-02\2017-05-02_002.xad

Created: 5/2/2017 10:23:32 AM
Modified: 5/2/2017 10:46:25 AM

Electropherogram Summary Continued ...



Overall Results for sample 3 : CC RNA

RNA Area:	146.9	RNA Integrity Number (RIN):	1.9 (B.02.08)
RNA Concentration:	739 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 1.90

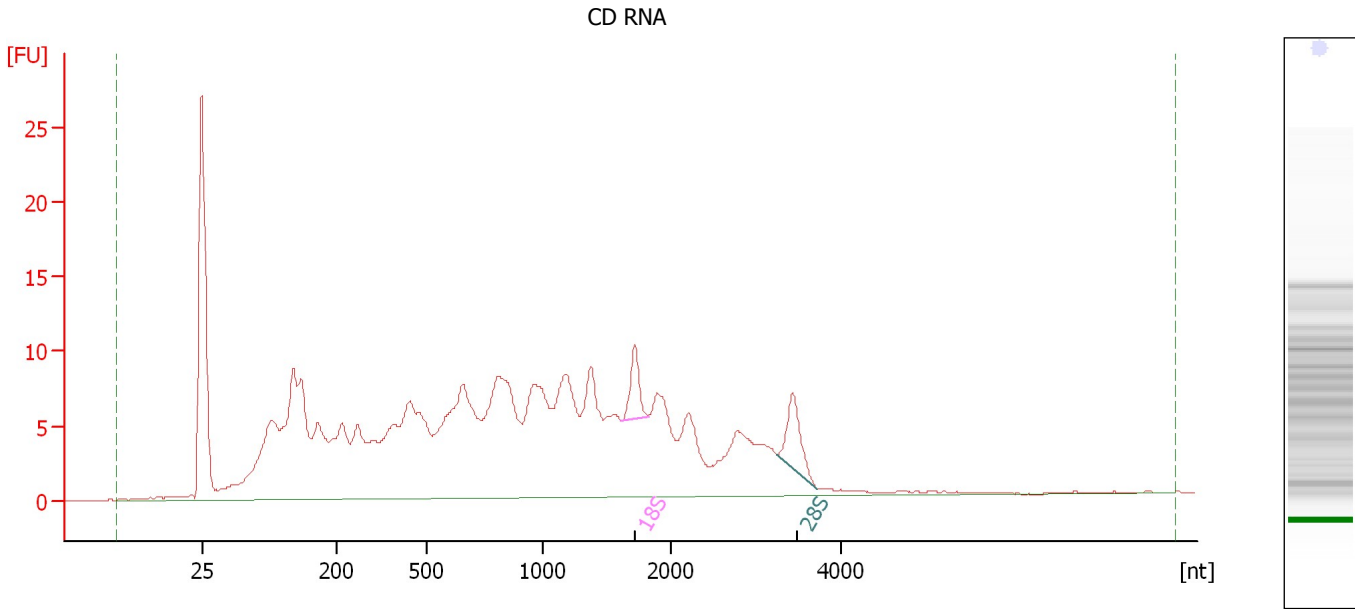
Fragment table for sample 3 : CC RNA

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,896	2,125	0.6	0.4

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-02\2017-05-02_002.xad

Created: 5/2/2017 10:23:32 AM
Modified: 5/2/2017 10:46:25 AM

Electropherogram Summary Continued ...



Overall Results for sample 4 : CD RNA

RNA Area: 379.1 RNA Integrity Number (RIN): 3.7 (B.02.08)
RNA Concentration: 1,906 pg/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 1.3 Result Flagging Label: RIN: 3.70

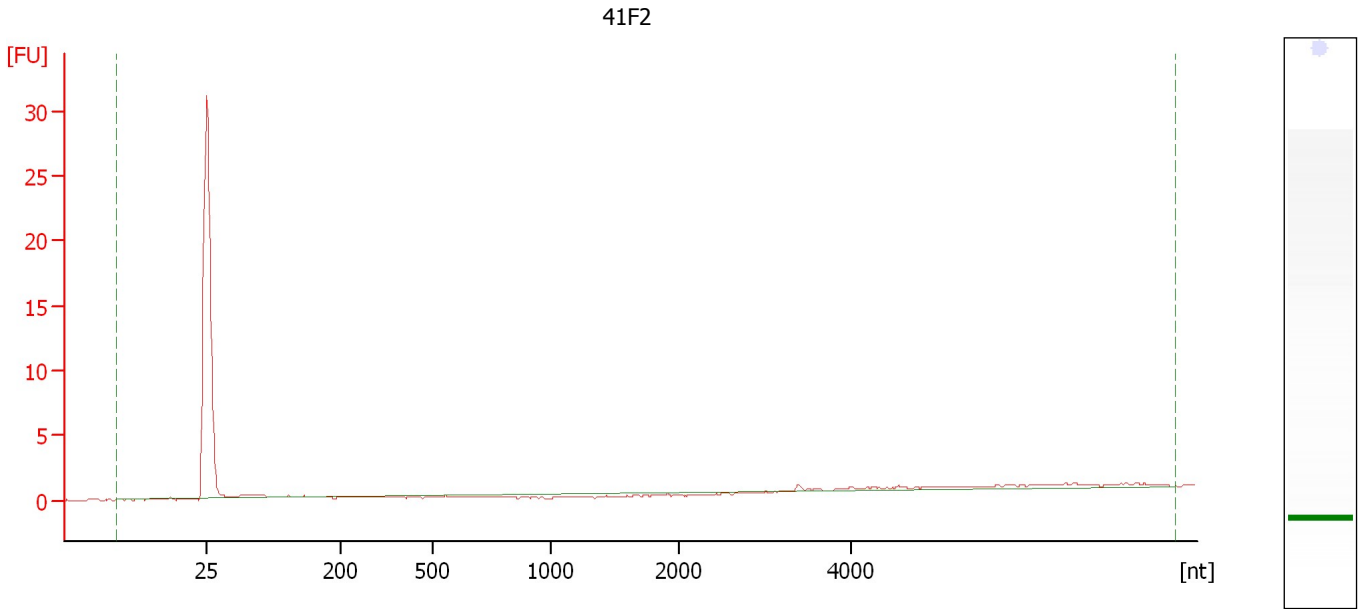
Fragment table for sample 4 : CD RNA

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,615	1,825	5.3	1.4
28S	3,258	3,722	7.0	1.8

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-02\2017-05-02_002.xad

Created: 5/2/2017 10:23:32 AM
Modified: 5/2/2017 10:46:25 AM

Electropherogram Summary Continued ...



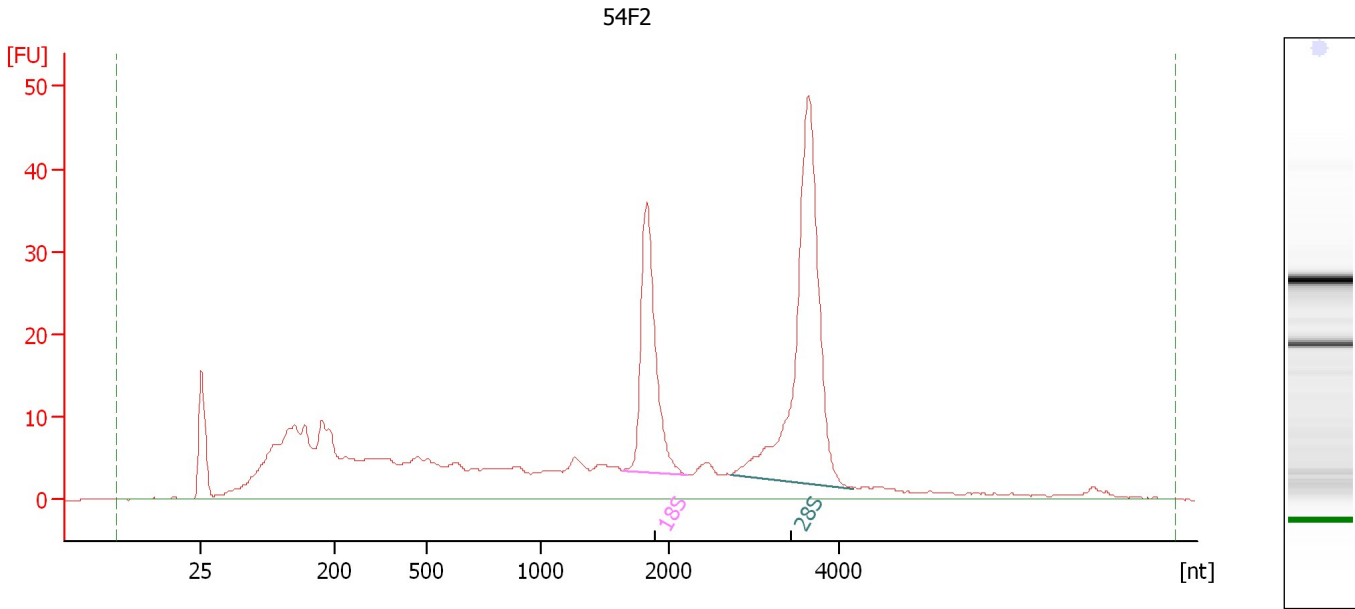
Overall Results for sample 5 : 41F2

RNA Area:	7.2	RNA Integrity Number (RIN):	1.1 (B.02.08)
RNA Concentration:	36 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 1.10

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-02\2017-05-02_002.xad

Created: 5/2/2017 10:23:32 AM
Modified: 5/2/2017 10:46:25 AM

Electropherogram Summary Continued ...



Overall Results for sample 6 : 54F2

RNA Area:	507.0	RNA Integrity Number (RIN):	7.8 (B.02.08)
RNA Concentration:	2,550 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.9	Result Flagging Label:	RIN: 7.80

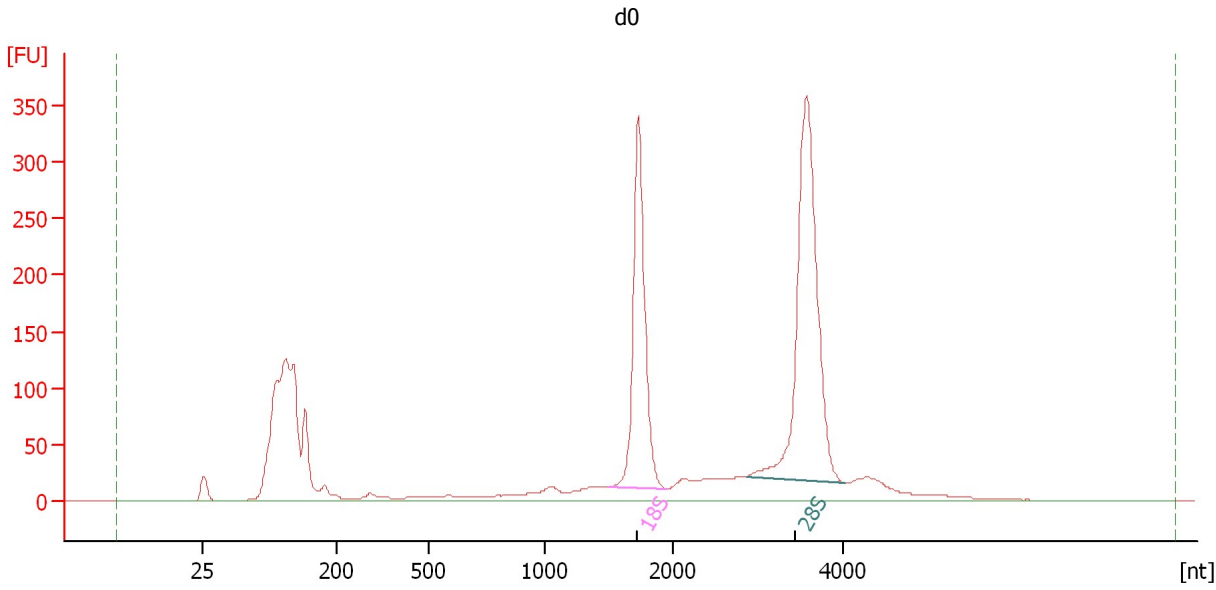
Fragment table for sample 6 : 54F2

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,647	2,229	57.0	11.2
28S	2,732	4,177	110.9	21.9

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-02\2017-05-02_002.xad

Created: 5/2/2017 10:23:32 AM
Modified: 5/2/2017 10:46:25 AM

Electropherogram Summary Continued ...



Overall Results for sample 7 : d0

RNA Area:	2,607.4	RNA Integrity Number (RIN):	9.3 (B.02.08)
RNA Concentration:	13,113 pg/ μ l	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.5	Result Flagging Label:	RIN: 9.30

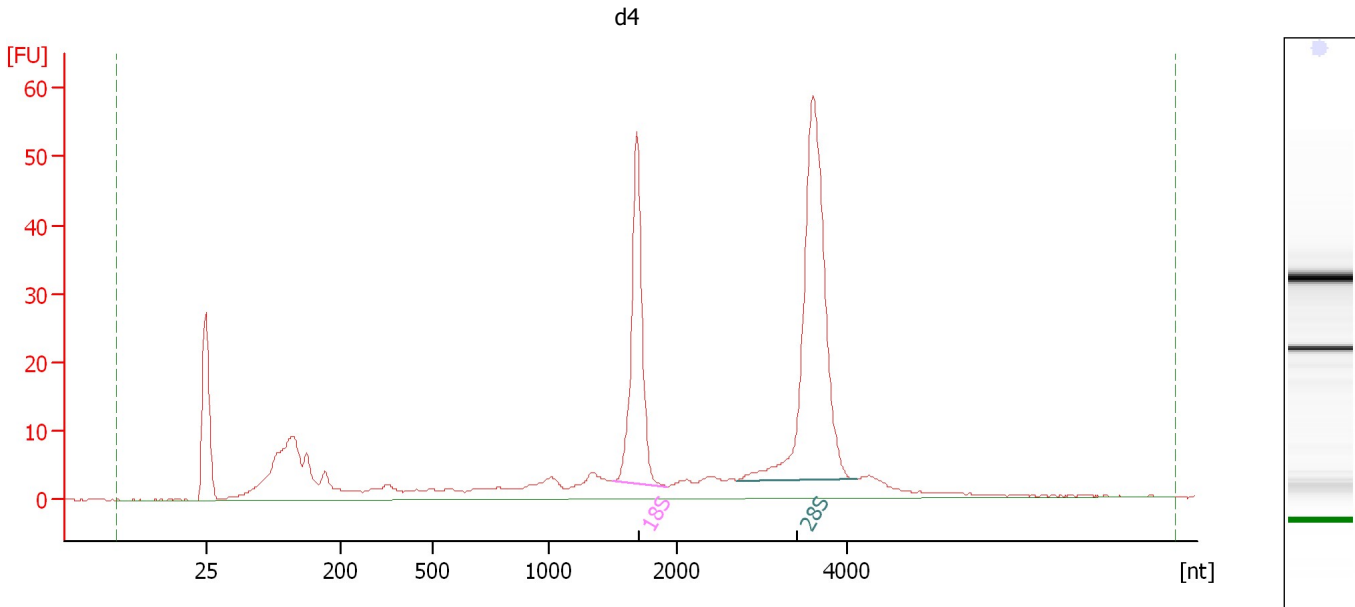
Fragment table for sample 7 : d0

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,499	1,961	469.3	18.0
28S	2,868	4,019	700.6	26.9

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-02\2017-05-02_002.xad

Created: 5/2/2017 10:23:32 AM
Modified: 5/2/2017 10:46:25 AM

Electropherogram Summary Continued ...



Overall Results for sample 8 : d4

RNA Area:	399.0	RNA Integrity Number (RIN):	9.1 (B.02.08)
RNA Concentration:	2,007 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.8	Result Flagging Label:	RIN: 9.10

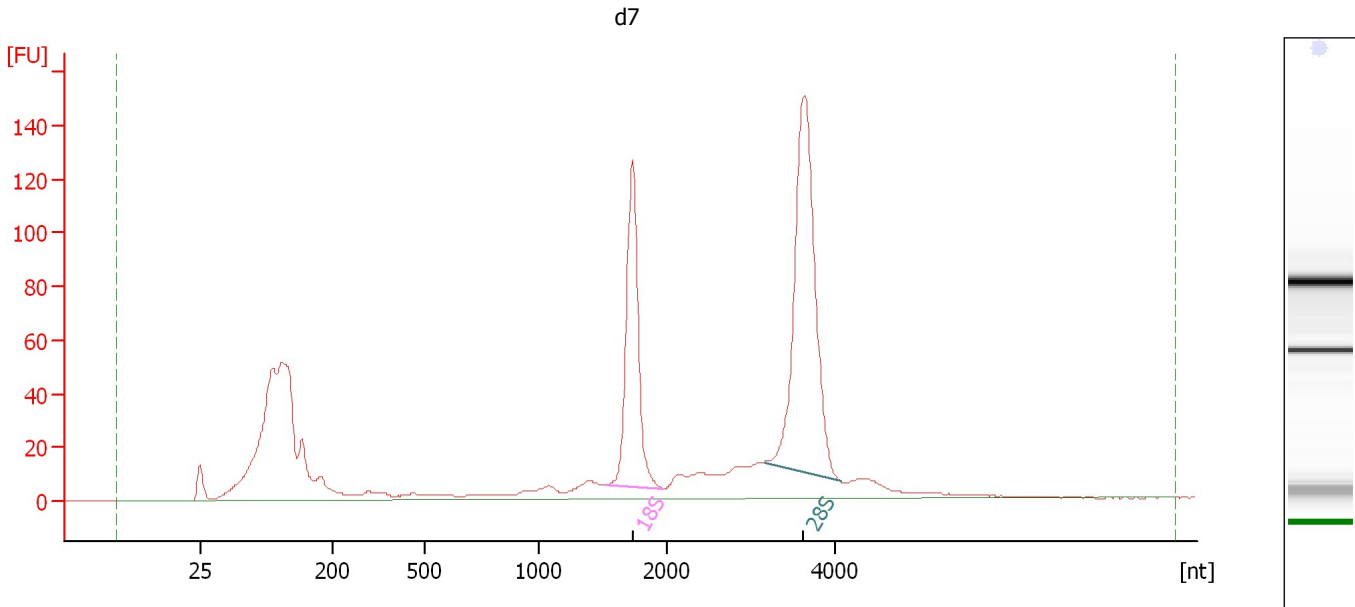
Fragment table for sample 8 : d4

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,502	1,929	66.9	16.8
28S	2,704	4,112	123.6	31.0

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-02\2017-05-02_002.xad

Created: 5/2/2017 10:23:32 AM
Modified: 5/2/2017 10:46:25 AM

Electropherogram Summary Continued ...



Overall Results for sample 9 : d7

RNA Area:	1,201.9	RNA Integrity Number (RIN):	9.2 (B.02.08)
RNA Concentration:	6,044 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.7	Result Flagging Label:	RIN: 9.20

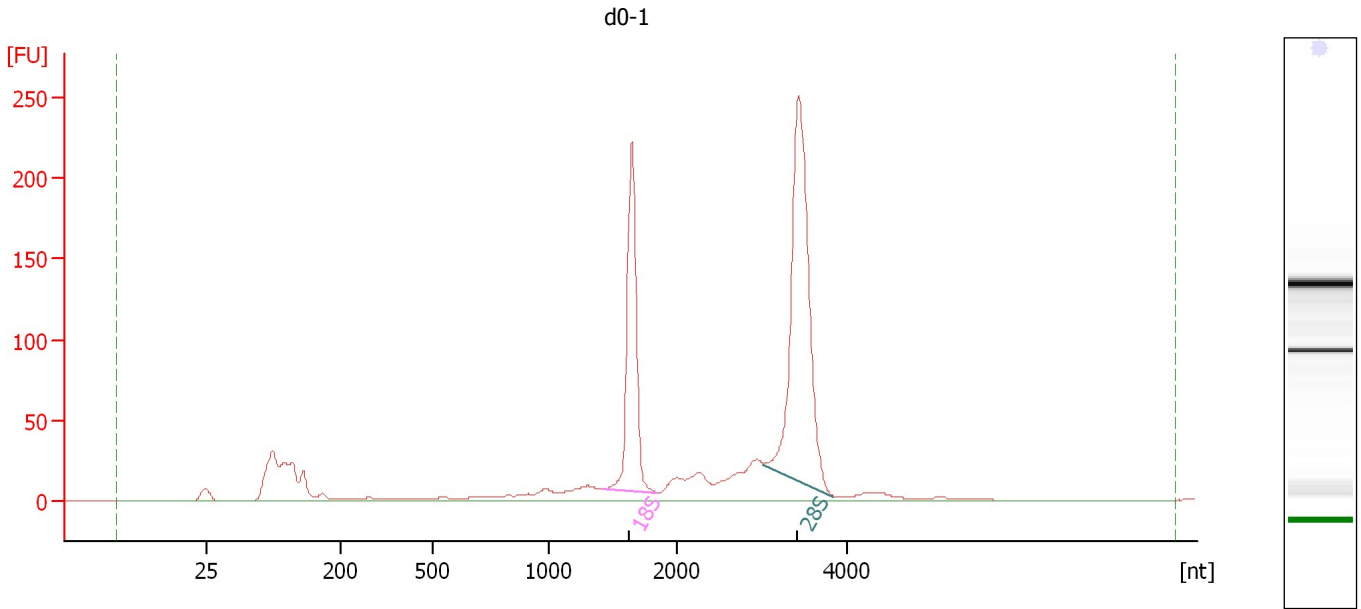
Fragment table for sample 9 : d7

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,511	1,976	178.3	14.8
28S	3,161	4,055	301.7	25.1

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-02\2017-05-02_002.xad

Created: 5/2/2017 10:23:32 AM
Modified: 5/2/2017 10:46:25 AM

Electropherogram Summary Continued ...



Overall Results for sample 10 : d0-1

RNA Area:	1,260.1	RNA Integrity Number (RIN):	9.5 (B.02.08)
RNA Concentration:	6,337 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.8	Result Flagging Label:	RIN: 9.50

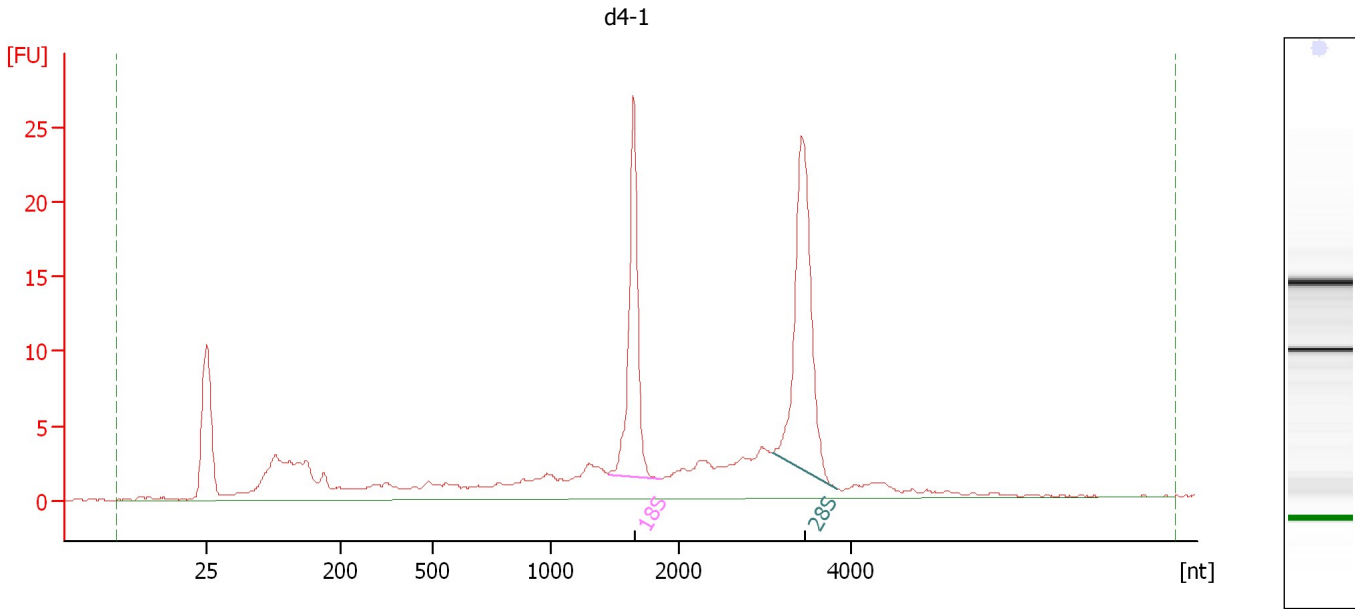
Fragment table for sample 10 : d0-1

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,418	1,853	242.8	19.3
28S	3,015	3,838	437.4	34.7

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-02\2017-05-02_002.xad

Created: 5/2/2017 10:23:32 AM
Modified: 5/2/2017 10:46:25 AM

Electropherogram Summary Continued ...



Overall Results for sample 11 : d4-1

RNA Area: 183.3 RNA Integrity Number (RIN): 8.2 (B.02.08)
RNA Concentration: 922 pg/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 1.4 Result Flagging Label: RIN: 8.20

Fragment table for sample 11 : d4-1

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,453	1,862	27.9	15.2
28S	3,089	3,835	38.0	20.8

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-02\2017-05-02_002.xad

Created: 5/2/2017 10:23:32 AM
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Gel Image

