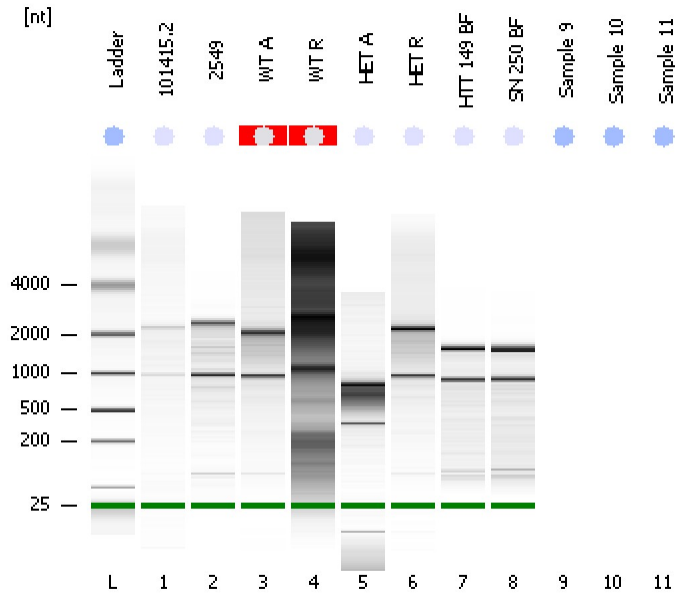


Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-10-22\2014-10-22_001.xad

Created: 10/22/2014 9:01:05 AM
 Modified: 10/22/2014 9:31:20 AM

Electrophoresis File Run Summary



Instrument Information:

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

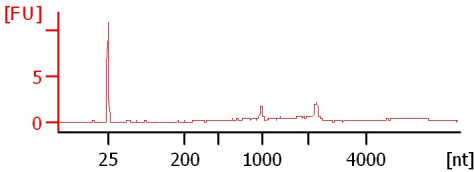
Assay Information:

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)
 © Copyright 2003 - 2009 Agilent Technologies, Inc.

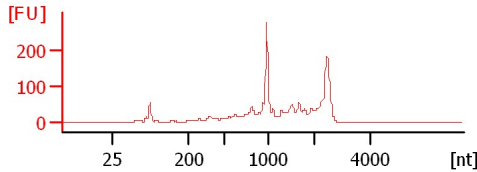
Chip Information:

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

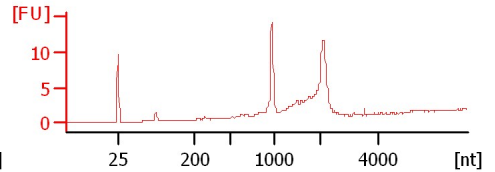
101415.2
 Workshop Total RNA
 RIN: 7.30



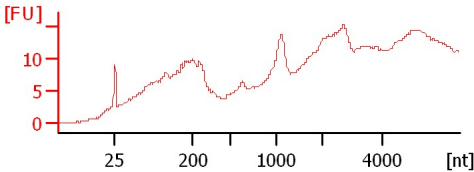
2549
 Workshop Total RNA
 RIN: 7.20



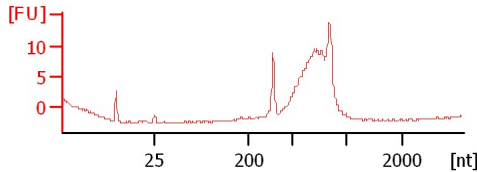
WT A
 Workshop Total RNA
 RIN N/A



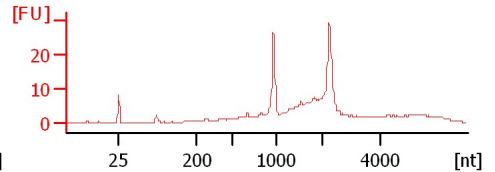
WT R
 Workshop Total RNA
 RIN N/A



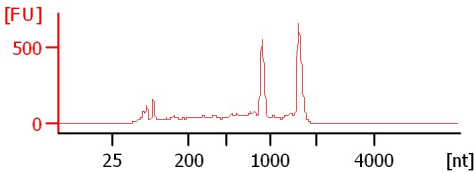
HET A
 Workshop Total RNA
 RIN: 4.10



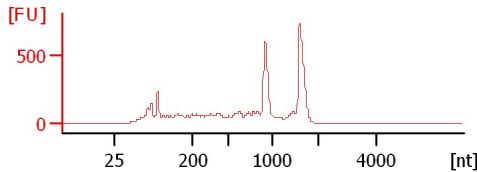
HET R
 Workshop Total RNA
 RIN: 7.80



HTT 149 BF
 Workshop Total RNA
 RIN: 1.50



SN 250 BF
 Workshop Total RNA
 RIN: 1.60



Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-10-22\2014-10-22_001.xad

Created: 10/22/2014 9:01:05 AM
 Modified: 10/22/2014 9:31:20 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
101415.2	Workshop Total RNA	✓	RIN: 7.30	
2549	Workshop Total RNA	✓	RIN: 7.20	
WT A	Workshop Total RNA	✓	RIN N/A	
WT R	Workshop Total RNA	✓	RIN N/A	
HET A	Workshop Total RNA	✓	RIN: 4.10	
HET R	Workshop Total RNA	✓	RIN: 7.80	
HTT 149 BF	Workshop Total RNA	✓	RIN: 1.50	
SN 250 BF	Workshop Total RNA	✓	RIN: 1.60	
Sample 9				
Sample 10				
Sample 11				
Ladder		✓	All Other Samples	

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2014-10-22\2014-10-22_001.xad

Created: 10/22/2014 9:01:05 AM
Modified: 10/22/2014 9:31:20 AM

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/ μ l] : 1000
Lower Marker Concentration [pg/ μ l] : 0
Upper Marker Concentration [pg/ μ l] : 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

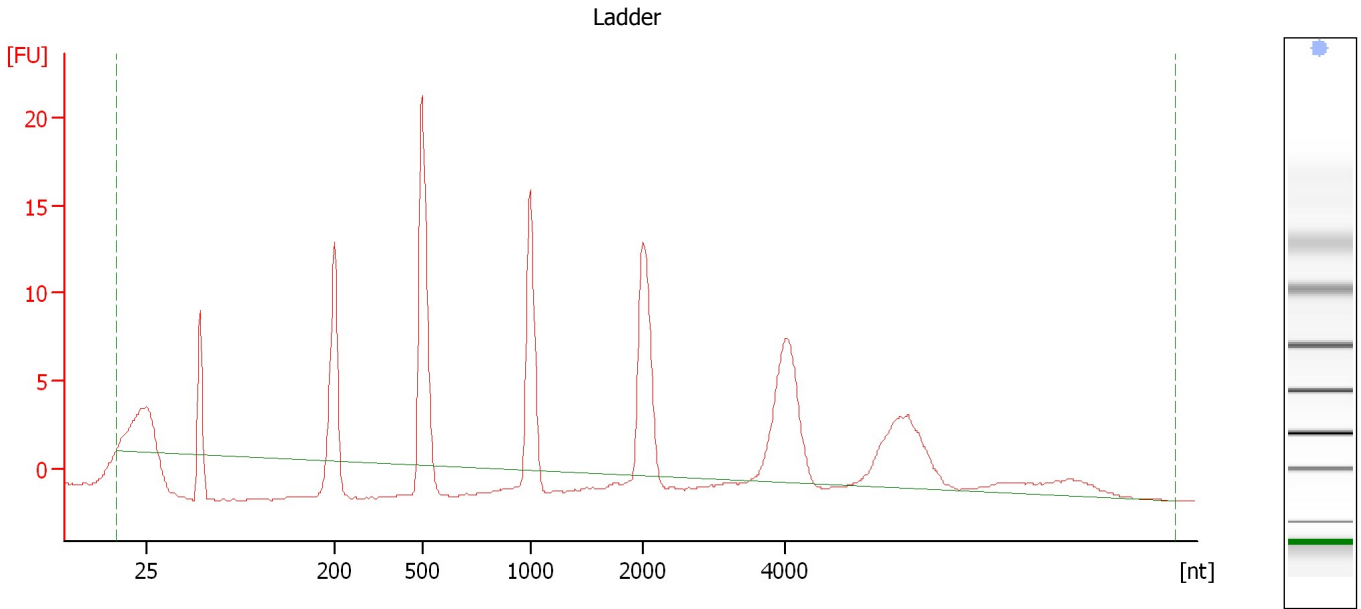
Ladder

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

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2014-10-22\2014-10-22_001.xad

Created: 10/22/2014 9:01:05 AM
Modified: 10/22/2014 9:31:20 AM

Electropherogram Summary



Overall Results for Ladder

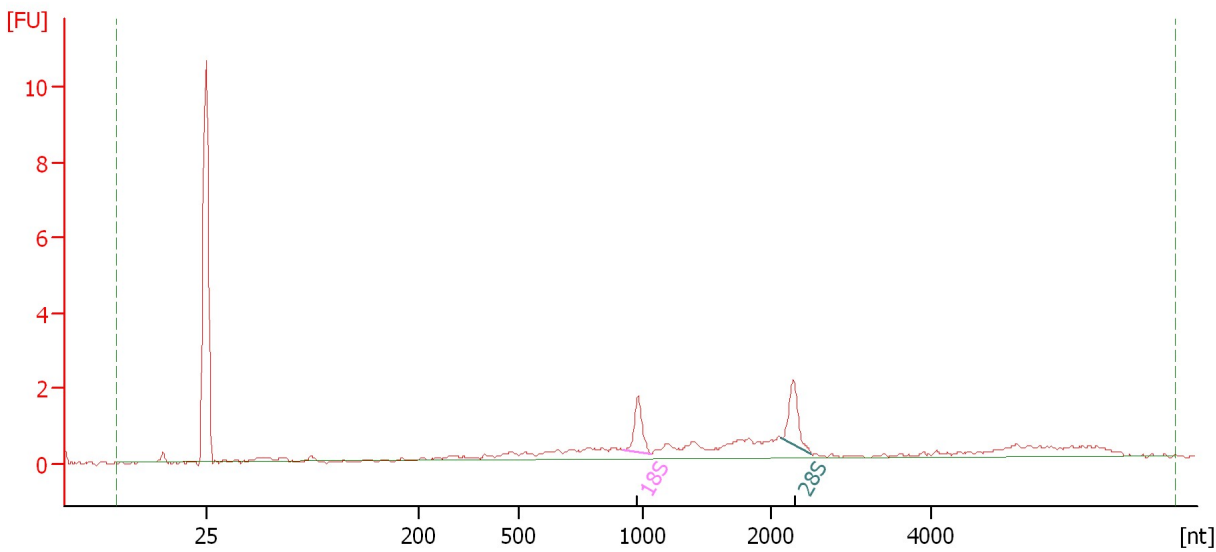
RNA Area:	123.6	Result Flagging Color:	
RNA Concentration:	1,000 pg/μl	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2014-10-22\2014-10-22_001.xad

Created: 10/22/2014 9:01:05 AM
Modified: 10/22/2014 9:31:20 AM

Electropherogram Summary Continued ...

101415.2 [Workshop Total RNA]



Overall Results for sample 1 : 101415.2

RNA Area: 17.0 RNA Integrity Number (RIN): 7.3 (B.02.08)
RNA Concentration: 138 µg/µl Result Flagging Color:
rRNA Ratio [28s / 18s]: 1.2 Result Flagging Label: RIN: 7.30

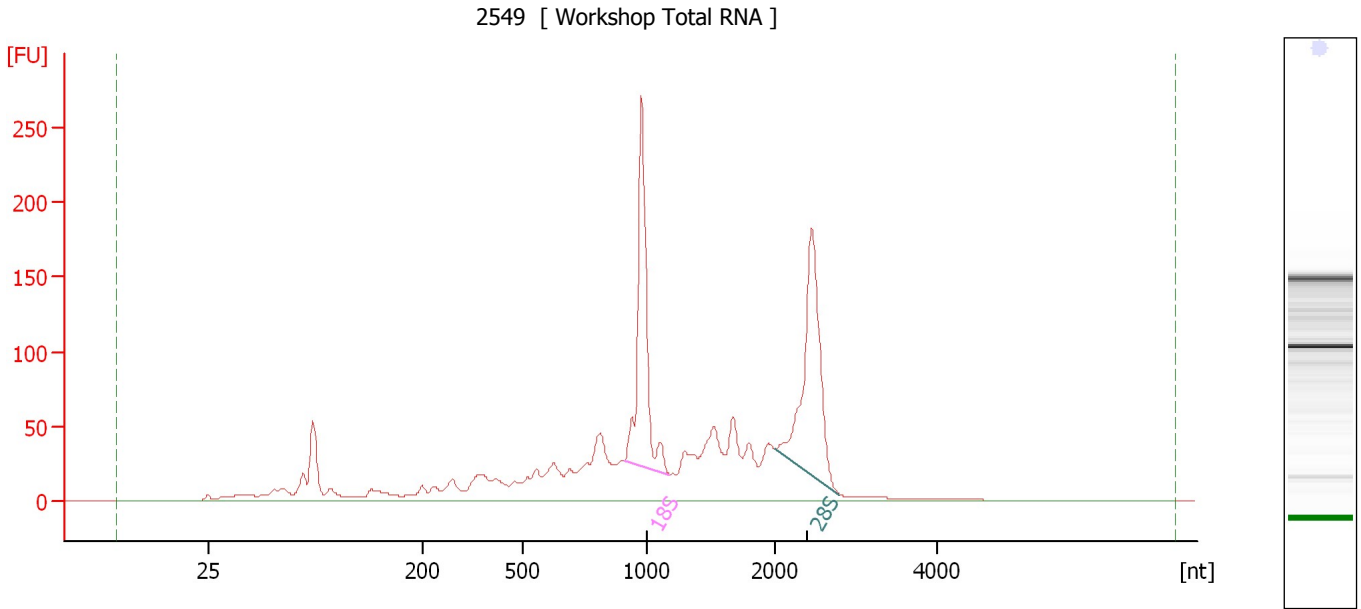
Fragment table for sample 1 : 101415.2

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	924	1,071	1.5	8.6
28S	2,138	2,509	1.7	10.1

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2014-10-22\2014-10-22_001.xad

Created: 10/22/2014 9:01:05 AM
Modified: 10/22/2014 9:31:20 AM

Electropherogram Summary Continued ...



Overall Results for sample 2 : 2549

RNA Area:	1,749.4	RNA Integrity Number (RIN):	7.2 (B.02.08)
RNA Concentration:	14,157 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.1	Result Flagging Label:	RIN: 7.20

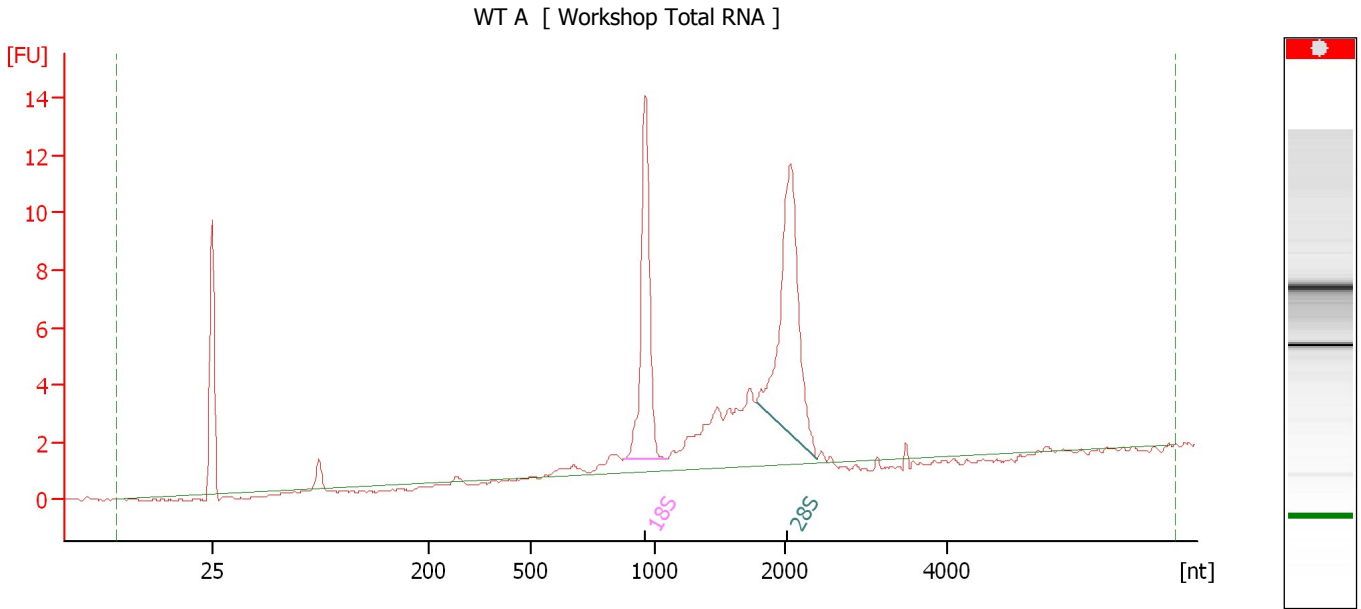
Fragment table for sample 2 : 2549

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	912	1,181	255.3	14.6
28S	2,002	2,794	275.5	15.8


Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2014-10-22\2014-10-22_001.xad

Created: 10/22/2014 9:01:05 AM
Modified: 10/22/2014 9:31:20 AM

Electropherogram Summary Continued ...



Overall Results for sample 3 : WT A

RNA Area:	57.5	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	465 µg/µl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.4	Result Flagging Label:	RIN N/A

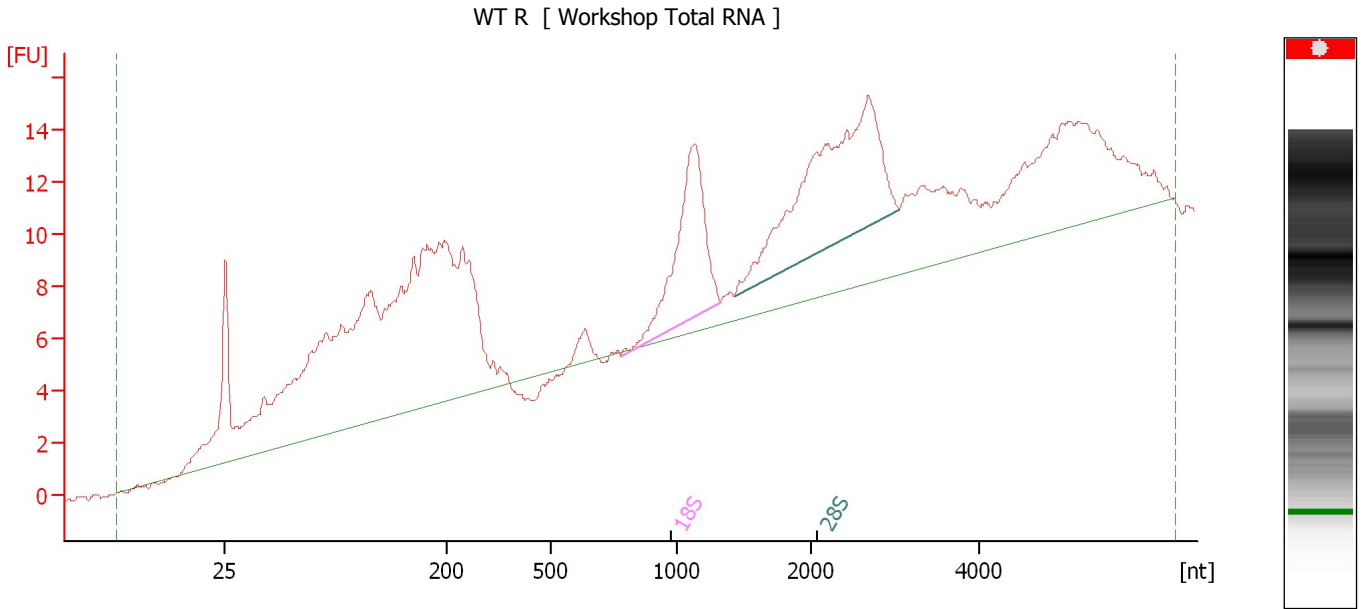
Fragment table for sample 3 : WT A

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	885	1,094	12.8	22.2
28S	1,784	2,402	18.0	31.3

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-10-22\2014-10-22_001.xad

Created: 10/22/2014 9:01:05 AM
 Modified: 10/22/2014 9:31:20 AM

Electropherogram Summary Continued ...



Overall Results for sample 4 : WT R

RNA Area:	288.9	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	2,338 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.7	Result Flagging Label:	RIN N/A

Fragment table for sample 4 : WT R

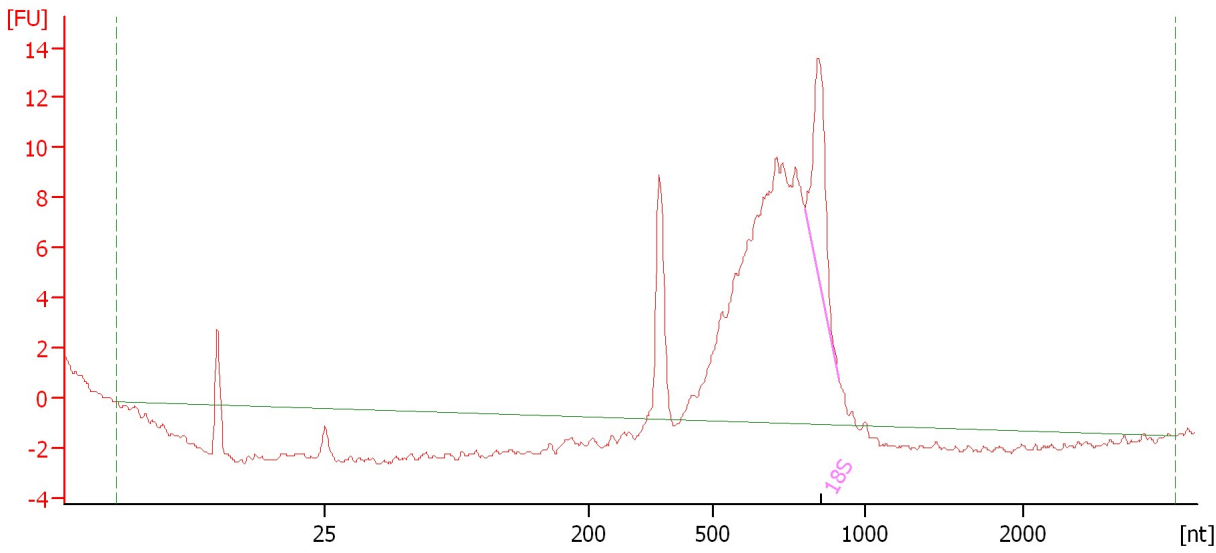
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	773	1,321	21.6	7.5
28S	1,425	3,038	37.0	12.8

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2014-10-22\2014-10-22_001.xad

Created: 10/22/2014 9:01:05 AM
Modified: 10/22/2014 9:31:20 AM

Electropherogram Summary Continued ...

HET A [Workshop Total RNA]



Overall Results for sample 5 : HET A

RNA Area:	108.8	RNA Integrity Number (RIN):	4.1 (B.02.08)
RNA Concentration:	880 µg/µl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 4.10

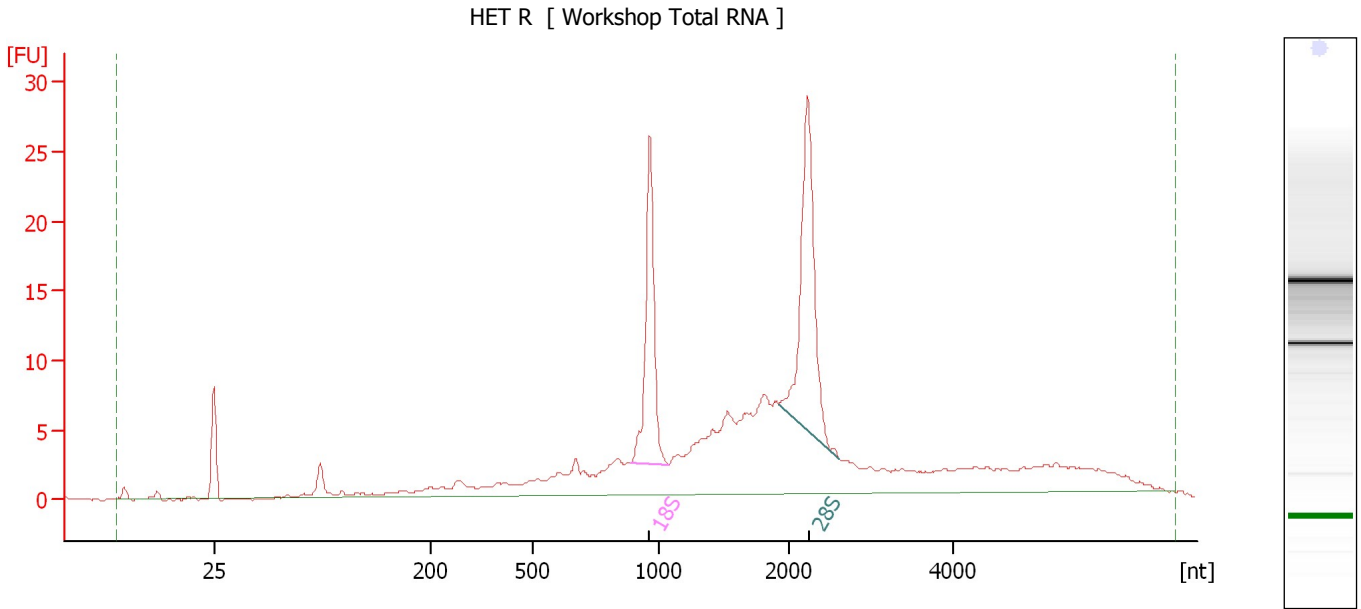
Fragment table for sample 5 : HET A

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	802	911	11.1	10.2

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2014-10-22\2014-10-22_001.xad

Created: 10/22/2014 9:01:05 AM
Modified: 10/22/2014 9:31:20 AM

Electropherogram Summary Continued ...



Overall Results for sample 6 : HET R

RNA Area: 224.5 RNA Integrity Number (RIN): 7.8 (B.02.08)
RNA Concentration: 1,817 pg/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 1.4 Result Flagging Label: RIN: 7.80

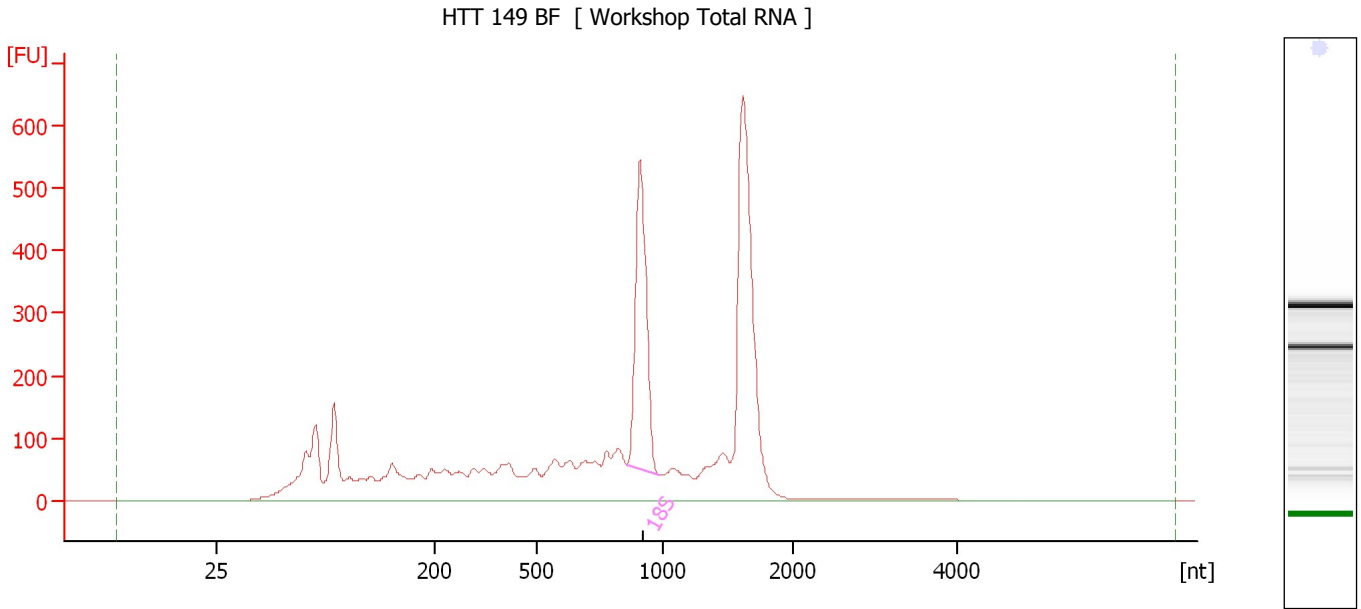
Fragment table for sample 6 : HET R

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	891	1,079	24.5	10.9
28S	1,922	2,605	33.3	14.8

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2014-10-22\2014-10-22_001.xad

Created: 10/22/2014 9:01:05 AM
Modified: 10/22/2014 9:31:20 AM

Electropherogram Summary Continued ...



Overall Results for sample 7 : HTT 149 BF

RNA Area:	4,690.8	RNA Integrity Number (RIN):	1.5 (B.02.08)
RNA Concentration:	37,960 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 1.50

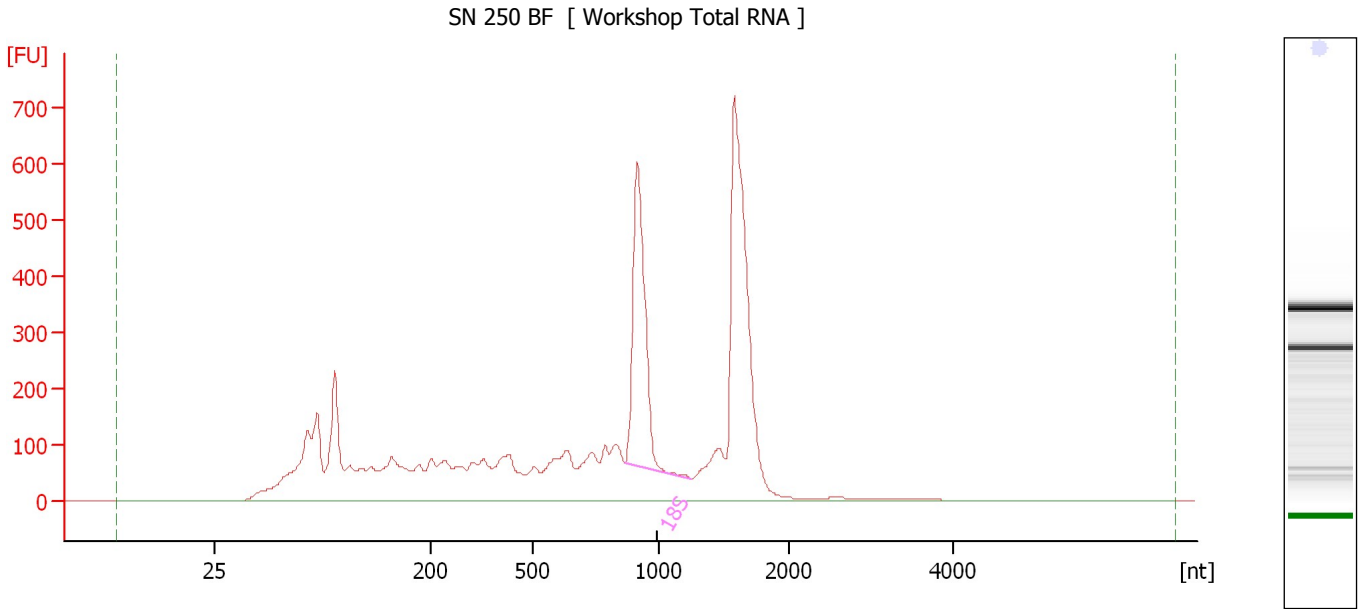
Fragment table for sample 7 : HTT 149 BF

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	859	987	657.7	14.0

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2014-10-22\2014-10-22_001.xad

Created: 10/22/2014 9:01:05 AM
Modified: 10/22/2014 9:31:20 AM

Electropherogram Summary Continued ...



Overall Results for sample 8 : SN 250 BF

RNA Area:	6,232.6	RNA Integrity Number (RIN):	1.6 (B.02.08)
RNA Concentration:	50,436 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 1.60

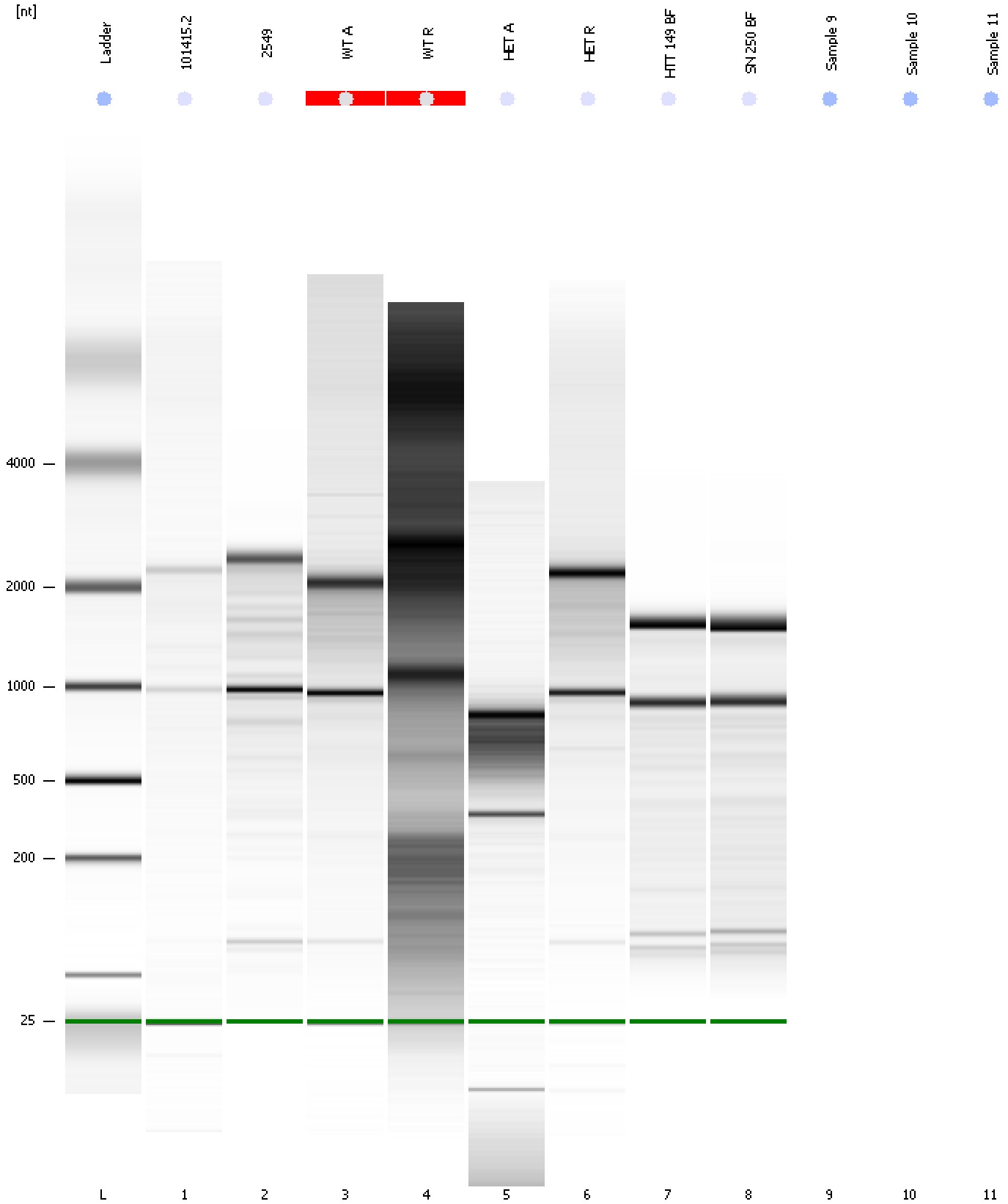
Fragment table for sample 8 : SN 250 BF

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	870	1,251	803.6	12.9

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2014-10-22\2014-10-22_001.xad

Created: 10/22/2014 9:01:05 AM
Modified: 10/22/2014 9:31:20 AM

Gel Image

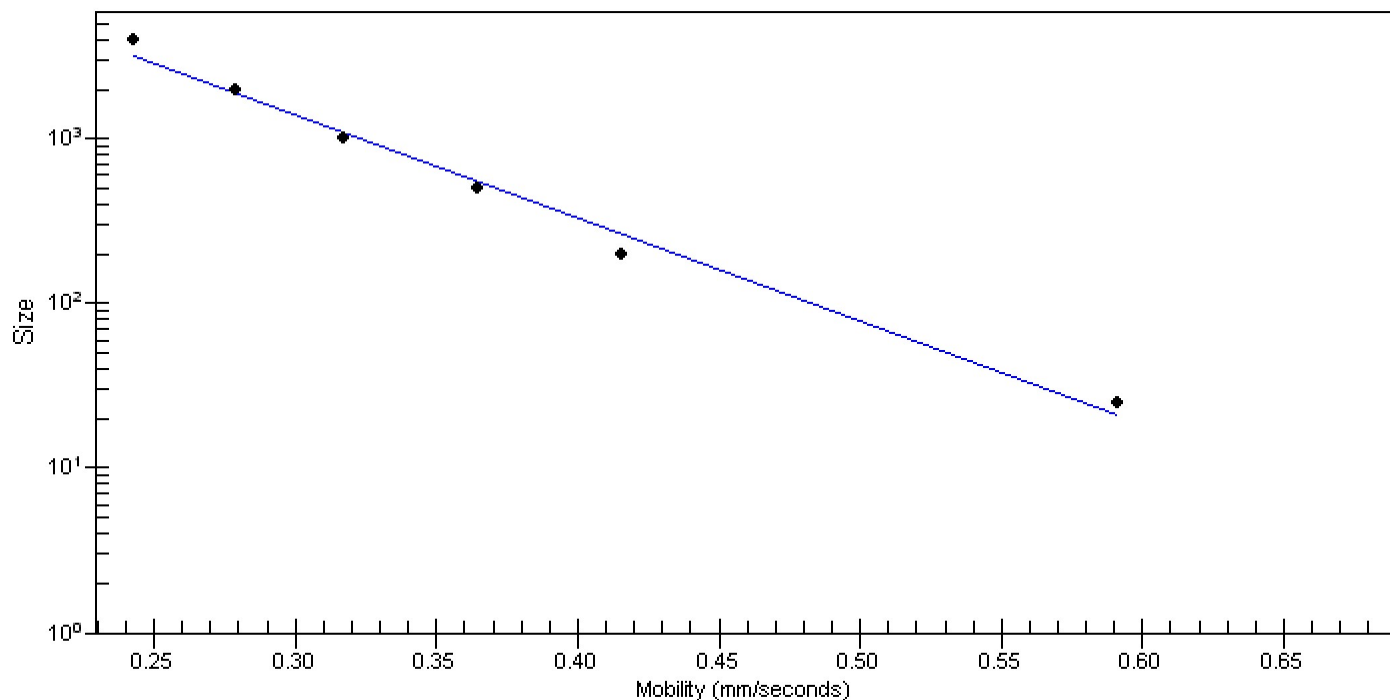


Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2014-10-22\2014-10-22_001.xad

Created: 10/22/2014 9:01:05 AM
Modified: 10/22/2014 9:31:20 AM

Curves

Standard Curve



Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2014-10-22\2014-10-22_001.xad

Created: 10/22/2014 9:01:05 AM
Modified: 10/22/2014 9:31:20 AM

Invalid Samples

Sample 9 has not been run, no results available.

Sample 10 has not been run, no results available.

Sample 11 has not been run, no results available.

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-10-22\2014-10-22_001.xad

Created: 10/22/2014 9:01:05 AM
 Modified: 10/22/2014 9:31:20 AM

Run Logbook

Description	Number	Source	Category	Sub Category	Time	Time Zone	User	Host
Run ended on port 1 (Number of wells acquired: 9)		Instrument	Run		10/22/2014 9:19:42 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Run started on port 1 (File: C:\Documents and Settings\Bioanalyzer\2014-10-22\2014-10-22_001.xad)		Instrument	Run		10/22/2014 9:01:11 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Product Number : G2938B		Instrument	Run		10/22/2014 9:01:11 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Name :		Instrument	Run		10/22/2014 9:01:11 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Vendor : Agilent Technologies		Instrument	Run		10/22/2014 9:01:11 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Serial# : DE13701086		Instrument	Run		10/22/2014 9:01:11 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Firmware : C.01.069		Instrument	Run		10/22/2014 9:01:11 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Cartridge : Electrode		Instrument	Run		10/22/2014 9:01:11 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1