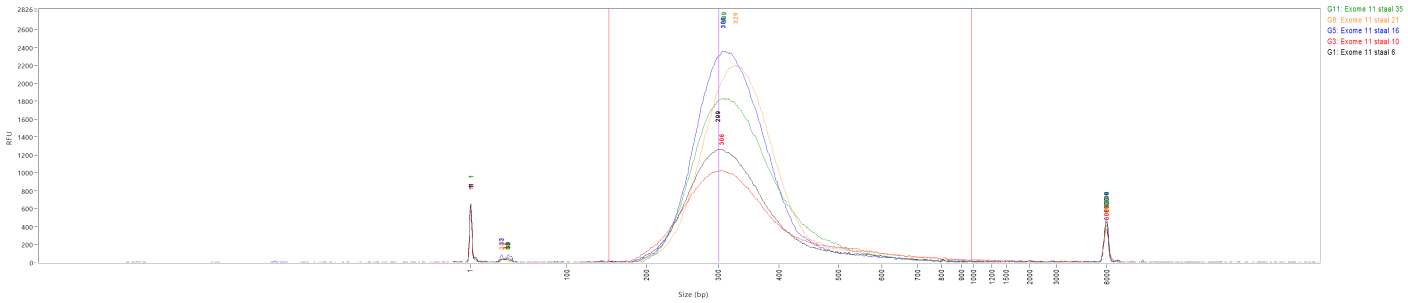
Fragment Analyzer Run Summary:

Filename and Data Path: K:\Fragment Analyzer\2022 07 28\16-25-35\2022 07 28 16H 25M.raw
Created: donderdag 28 juli 2022 16:42:00
# of Capillaries: 6
Array Serial #: 072621-04SFS
Effect Length: 33 cm
Array Usage Count: 96
FA Version #: 3.1.0.12
Device Serial #: 3569

METHOD INFORMATION
Method Name: DNF-474-33 - HS NGS Fragment 1-6000bp.mthds
Gel Prime: No
Full Conditioning: Yes
Gel Prime to Buffer: No
Gel Selection: Gel 1
Perform Prerun: 6,0 kV, 30 sec.
Rinse: No
Marker 1: No
Rinse: Tray: 3, Row: E, # Dips: 1
Sample Injection: 5,0 kV, 30 sec.
Separation: 6,0 kV, 50,0 min.
Tray Name: Tray-1

Analysis Mode: NGS

NOTES

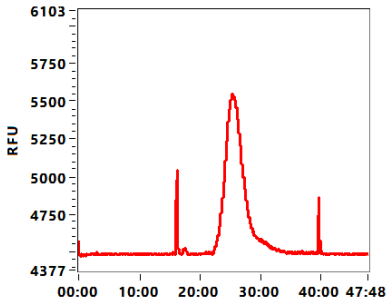


GQN Summary

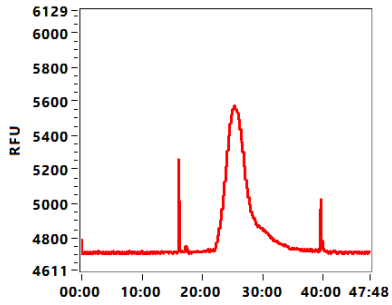
Well	Sample ID	DQN	Size Threshold (bp)	Total Conc. (ng/uL)
G1	Exome 11 staal 6	5,9	300	3,5130
G3	Exome 11 staal 10	6,0	300	3,8323
G5	Exome 11 staal 16	6,4	300	6,2858
G8	Exome 11 staal 21	7,2	300	5,3443
G11	Exome 11 staal 35	6,6	300	5,7033

Filename and Data Path: K:\Fragment Analyzer\2022 07 28\16-25-35\2022 07 28 16H 25M.raw

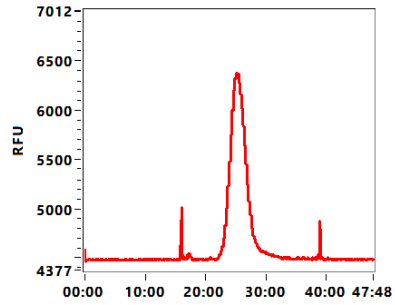
G1: Exome 11 staal 6
DQN: 5,9



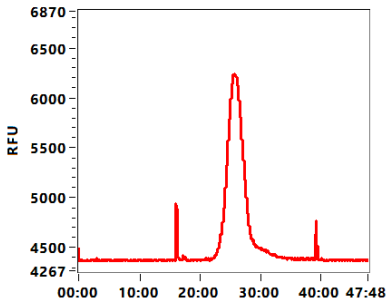
G3: Exome 11 staal 10
DQN: 6,0



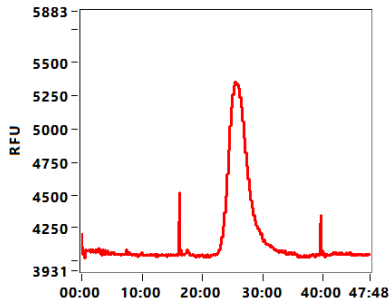
G5: Exome 11 staal 16
DQN: 6,4



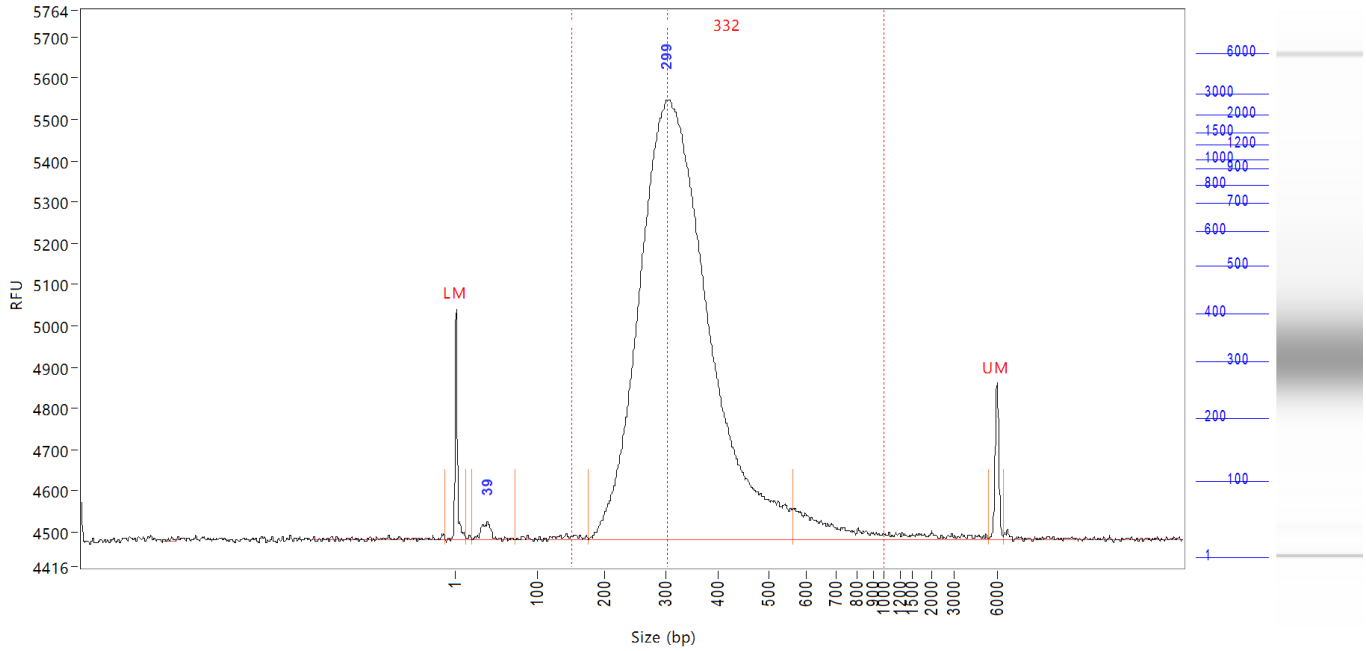
G8: Exome 11 staal 21
DQN: 7,2



G11: Exome 11 staal 35
DQN: 6,6



Sample: Exome 11 staal 6
Well Location: G1
Created: donderdag 28 juli 2022 16:42:00



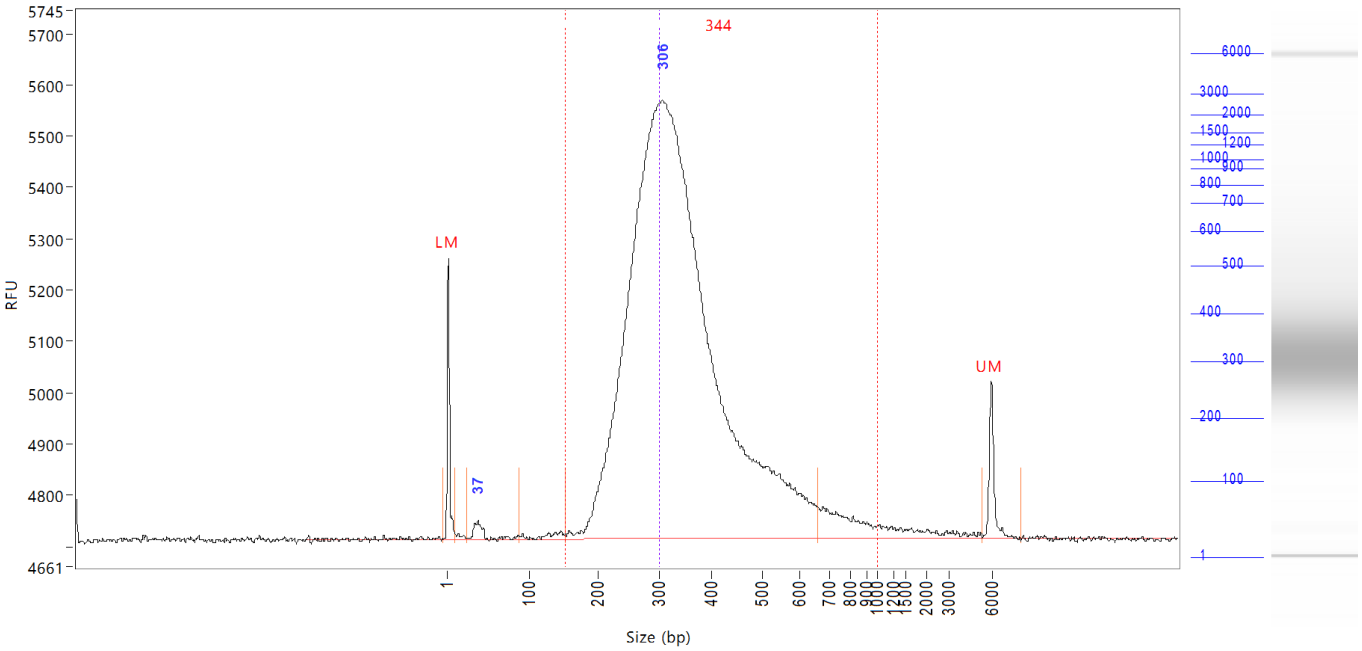
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	1 (LM)	0,0080	0	14	1	195,70	556	4,112
2	39	0,0277	21	74	38	21,24	43	1,191
3	299	3,3439	174	565	323	20,45	1067	143,581
4	6000 (UM)	0,0037	5443	6422	5958	2,32	380	1,906

TIC:	3,3716	ng/uL
TIM:	18,2240	nmole/L
Total Conc.:	3,5130	ng/uL
DQN:	5,9	
Threshold:	300	

Smear Analysis	150 bp to 1000 bp	3,4447 ng/ul	98,1 %Total	17,0598 nmole/L	332 Avg. Size (b.p.)	26,61 %CV

```
Sample Peak Width (sec): 50   Sample Min Peak Height: 25    Sample Baseline V to V?: Y    Sample Baseline V to V pts: 3
Sample Filter: Binomial       # of Pts for Filter: 3       Sample Start Region (min): 0  Sample End Region (min): 48
Manual Baseline Start (min): 10     Manual Baseline End (min): 48
Marker Peak Width (sec): 5    Marker Min Peak Height: 200   Marker Baseline V to V?: Y    Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 200 RFU                Upper Marker Selection: Last Peak > 200 RFU
Ladder Size (bp): 1, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1200, 1500, 2000, 3000, 6000
Quantification Using: Ladder          Final Concentration (ng/uL): 0,0830          Dilution Factor: 12,0
Size Threshold (b.p.): 300
```

Sample: Exome 11 staal 10
Well Location: G3
Created: donderdag 28 juli 2022 16:42:00



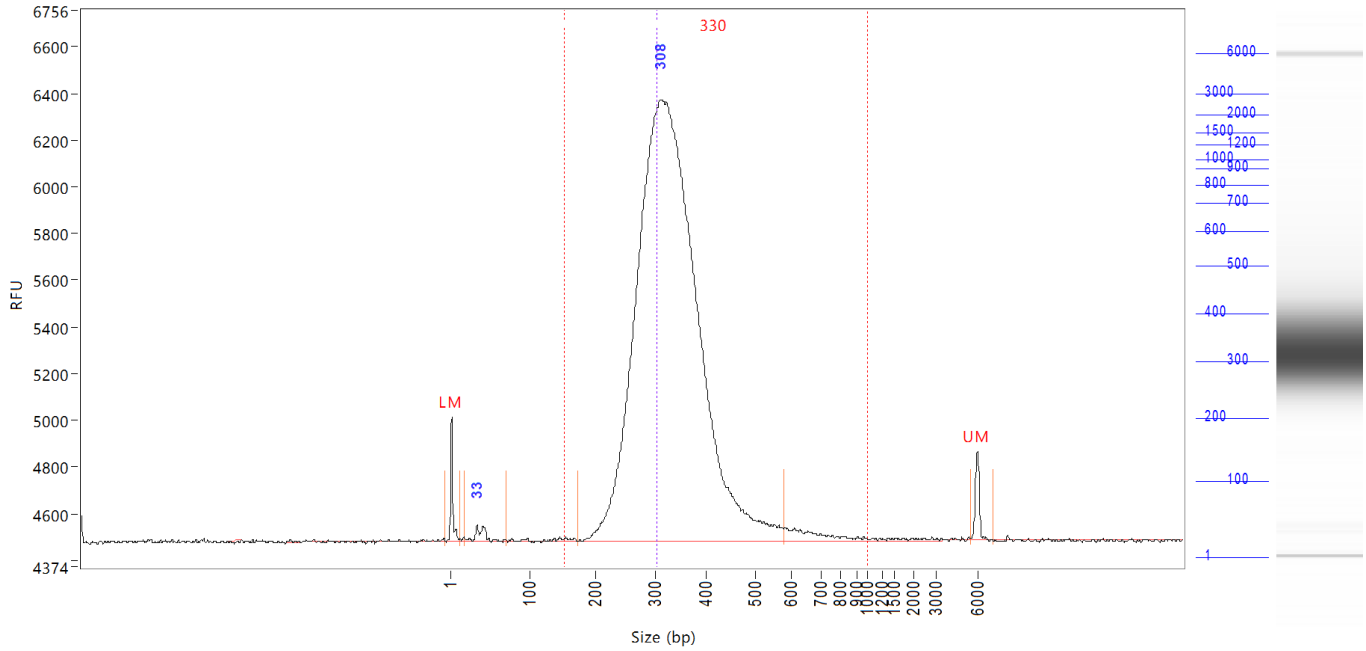
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	1 (LM)	0,0080	0	11	1	164,28	548	3,542
2	37	0,0261	24	87	43	34,44	36	0,964
3	306	3,6550	152	659	334	26,07	857	135,172
4	6000 (UM)	0,0043	5390	8031	6055	5,04	307	1,900

TIC:	3,6810	ng/uL
TIM:	18,9937	nmole/L
Total Conc.:	3,8323	ng/uL
DQN:	6,0	
Threshold:	300	

Smear Analysis	150 bp to 1000 bp	3,7414 ng/ul	97,6 %Total	17,9064 nmole/L	344 Avg. Size (b.p.)	31,65 %CV

```
Sample Peak Width (sec): 50   Sample Min Peak Height: 25    Sample Baseline V to V?: Y    Sample Baseline V to V pts: 3
Sample Filter: Binomial       # of Pts for Filter: 3       Sample Start Region (min): 0  Sample End Region (min): 48
Manual Baseline Start (min): 10     Manual Baseline End (min): 48
Marker Peak Width (sec): 5    Marker Min Peak Height: 200   Marker Baseline V to V?: Y    Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 200 RFU                Upper Marker Selection: Last Peak > 200 RFU
Ladder Size (bp): 1, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1200, 1500, 2000, 3000, 6000
Quantification Using: Ladder          Final Concentration (ng/uL): 0,0830          Dilution Factor: 12,0
Size Threshold (b.p.): 300
```

Sample: Exome 11 staal 16
Well Location: G5
Created: donderdag 28 juli 2022 16:42:00



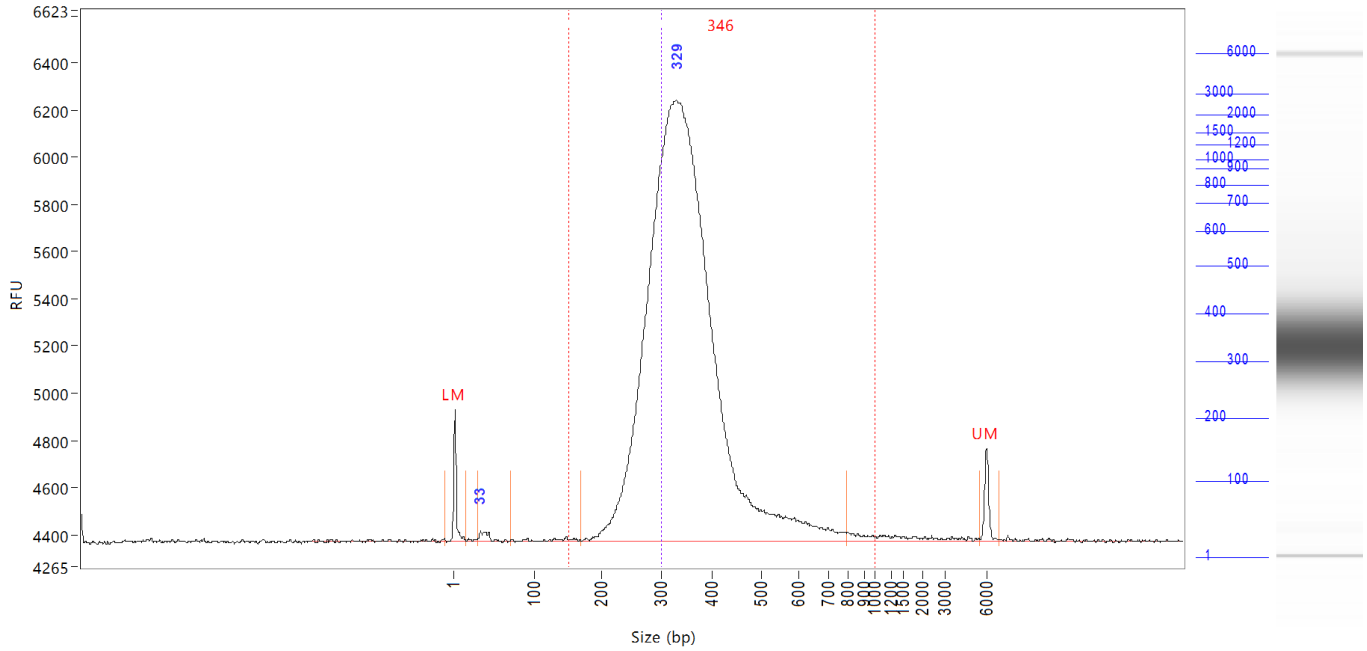
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	1 (LM)	0,0080	0	13	1	188,09	527	3,546
2	33	0,0450	17	70	37	20,88	69	1,667
3	308	6,1286	171	581	326	17,87	1890	226,912
4	6000 (UM)	0,0045	5496	7160	5993	2,87	380	1,984

TIC:	6,1736	ng/uL
TIM:	32,9154	nmole/L
Total Conc.:	6,2858	ng/uL
DQN:	6,4	
Threshold:	300	

Smear Analysis	150 bp to 1000 bp	6,2102 ng/ul	98,8 %Total	30,9354 nmole/L	330 Avg. Size (b.p.)	21,43 %CV

```
Sample Peak Width (sec): 50   Sample Min Peak Height: 25    Sample Baseline V to V?: Y    Sample Baseline V to V pts: 3
Sample Filter: Binomial       # of Pts for Filter: 3       Sample Start Region (min): 0  Sample End Region (min): 48
Manual Baseline Start (min): 10     Manual Baseline End (min): 48
Marker Peak Width (sec): 5    Marker Min Peak Height: 200   Marker Baseline V to V?: Y    Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 200 RFU                Upper Marker Selection: Last Peak > 200 RFU
Ladder Size (bp): 1, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1200, 1500, 2000, 3000, 6000
Quantification Using: Ladder          Final Concentration (ng/uL): 0,0830          Dilution Factor: 12,0
Size Threshold (b.p.): 300
```


Sample: Exome 11 staal 21
Well Location: G8
Created: donderdag 28 juli 2022 16:42:00



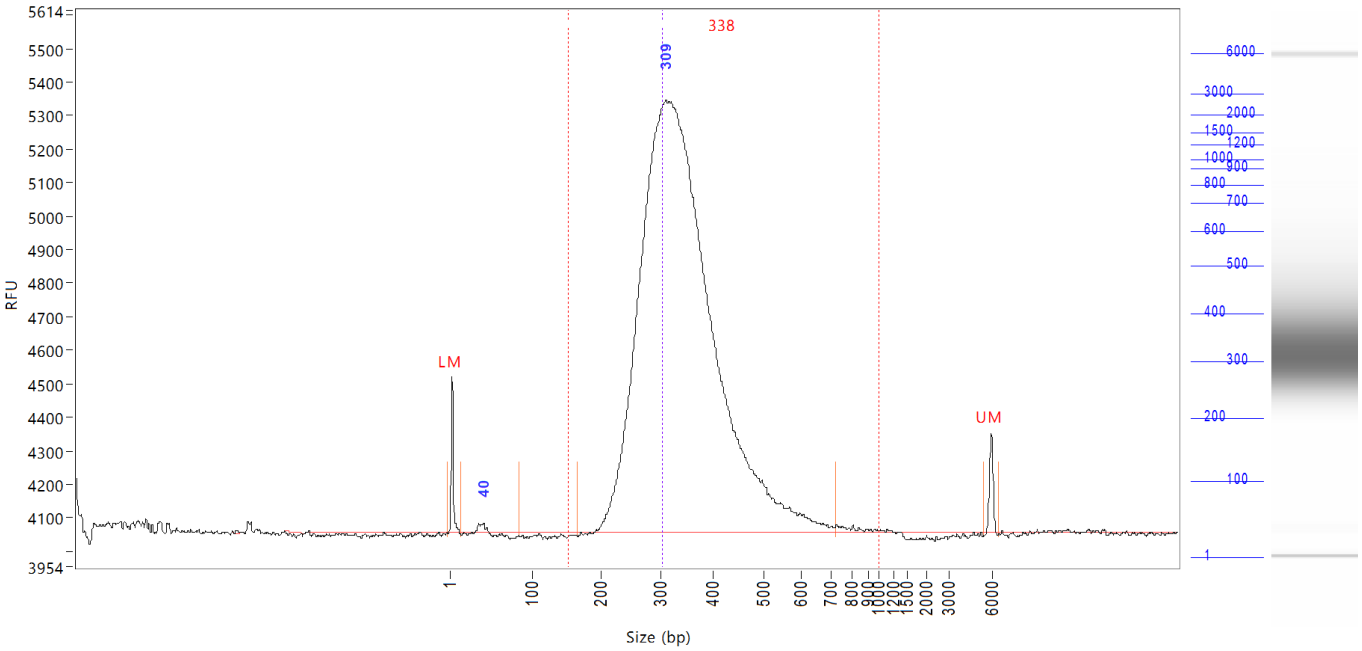
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	1 (LM)	0,0080	0	16	2	183,31	560	4,231
2	33	0,0244	30	70	40	19,23	42	1,079
3	329	5,2436	169	796	344	21,95	1873	231,640
4	6000 (UM)	0,0041	5549	6897	6004	2,89	391	2,150

TIC:	5,2681	ng/uL
TIM:	26,0759	nmole/L
Total Conc.:	5,3443	ng/uL
DQN:	7,2	
Threshold:	300	

Smear Analysis	150 bp to 1000 bp	5,2672 ng/ul	98,6 %Total	25,0737 nmole/L	346 Avg. Size (b.p.)	23,75 %CV

```
Sample Peak Width (sec): 50   Sample Min Peak Height: 25    Sample Baseline V to V?: Y    Sample Baseline V to V pts: 3
Sample Filter: Binomial       # of Pts for Filter: 3       Sample Start Region (min): 0  Sample End Region (min): 48
Manual Baseline Start (min): 10     Manual Baseline End (min): 48
Marker Peak Width (sec): 5    Marker Min Peak Height: 200   Marker Baseline V to V?: Y    Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 200 RFU                Upper Marker Selection: Last Peak > 200 RFU
Ladder Size (bp): 1, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1200, 1500, 2000, 3000, 6000
Quantification Using: Ladder          Final Concentration (ng/uL): 0,0830          Dilution Factor: 12,0
Size Threshold (b.p.): 300
```


Sample: Exome 11 staal 35
Well Location: G11
Created: donderdag 28 juli 2022 16:42:00



Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	1 (LM)	0,0080	0	12	1	194,96	464	3,002
2	40	0,0181	12	82	37	11,20	29	0,567
3	309	5,6650	165	722	337	21,56	1292	177,559
4	6000 (UM)	0,0037	5496	6448	5958	1,94	293	1,386

TIC:	5,6831	ng/uL
TIM:	28,4538	nmole/L
Total Conc.:	5,7033	ng/uL
DQN:	6,6	
Threshold:	300	

Smear Analysis	150 bp to 1000 bp	5,6826 ng/ul	99,6 %Total	27,6202 nmole/L	338 Avg. Size (b.p.)	22,81 %CV

```
Sample Peak Width (sec): 50   Sample Min Peak Height: 25    Sample Baseline V to V?: Y    Sample Baseline V to V pts: 3
Sample Filter: Binomial       # of Pts for Filter: 3       Sample Start Region (min): 0  Sample End Region (min): 48
Manual Baseline Start (min): 10     Manual Baseline End (min): 48
Marker Peak Width (sec): 5    Marker Min Peak Height: 200   Marker Baseline V to V?: Y    Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 200 RFU                Upper Marker Selection: Last Peak > 200 RFU
Ladder Size (bp): 1, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1200, 1500, 2000, 3000, 6000
Quantification Using: Ladder          Final Concentration (ng/uL): 0,0830          Dilution Factor: 12,0
Size Threshold (b.p.): 300
```


Sample: ladder
Well Location: G12
Created: donderdag 28 juli 2022 16:42:00
Fit Type: Point to Point