

Inventory Case Notes

Bode Technology, Inc.

Case Number: 2S07-101-04

Date: 01-18-08

Analyst: AMJ

OUTER PACKAGING: Plastic bag- previously opened by ALW on 12-3-07

CONTAINS: 6x items- see below for details

2S07-101-04A: 1x Plastic bag sealed with evidence tape/clear tape w/ stapled;
labeled in part "waist band from original item of evidence";

CONTAINS: 1x white envelope sealed with evidence tape labeled in part "panty waistband"

CONTAINS: 1x plastic bag previously opened by ALW on 12-3-07; labeled in part "waistband"
Item was stapled to inside of white envelope; removed from staples
(not processed at this time)

2S07-101-04B: 1x plastic bag sealed with evidence tape/clear tape/heat seal; no label

CONTAINS: 1x pair of underwear wrapper in tissue paper
(not processed at this time)

2S07-101-04C: 1x plastic bag sealed with evidence tape/yellow tape/heat seal; labeled in part "96-21871"

CONTAINS: 1x plastic bag sealed with evidence tape/ heat seal; labeled in part "D96-4153 #7"
CONTAINS: 1x brown bag previously opened by ALW on 12-3-07;
labeled in part "underwear white w/flower print"
Item empty- no further processing

1x brown box- empty/no labeling; not assigned Bode item #

1x brown paper- empty; not assigned Bode item #

NOTES:

Items were opened to examine packaging seals/ contents; no testing occurred at this time.

See photodocumentation for additional details on description of evidence

AMJ 0118 08

Inventory Case Notes

Bode Technology, Inc.

Case Number: 2S07-101

Date: 02-04-08

Analyst: AMJ

OUTER PACKAGING: Fed Ex Envelope sealed with evidence tape

CONTAINS: Manila envelope not sealed but clasp closed; labeled "P96-21871"

CONTAINS: Manila envelope sealed with evidence tape; labeled "crotch cutting from item#21TET"

CONTAINS: Heat seal bag sealed with heat seal/date/initials

CONTAINS: 1x piece of cloth with floral print; part of the cloth is double layers; some red/brown staining present

2S07-101-06

BODE ITEM NAME	QUANTITY SUBMITTED	ANALYST NOTES	QUANTITY CONSUMED
2S07-101-06A1	1	• Cut from top layer beginning at one edge; staining avoided	1cm ²
2S07-101-06A2	1	• Cut from top layer edge opposite -06A1; staining avoided	1cm ²
2S07-101-06A3	1	• Cut from bottom layer edge similar to -06A1; staining avoided	1cm ²

NOTES:

See photodocumentation for additional details on description of evidence

AMJ
02-04-08

DA11-0508

QIAGEN: Procedure C

Extraction Worksheet

Page 1 of 1

ITEM	SOURCE	LOT NUMBER
ATL	QIAGEN	127132140
Proteinase K (20mg/ml)	INVITROGEN	311315
AL	QIAGEN	127131937
Carrier RNA	BODE	011508LMC-1
100% Ethanol	SPECTRUM	WG 3018
QIAamp Spin Column	QIAGEN	127143413
AW1	BODE	010408Am3
AW2	BODE	020408RT
TE ⁻ Buffer	BODE	111907LMC

Tube #	Sample	Comments
1	2S07-101-06A1	
2	2S07-101-06A2	
3	2S07-101-06A3	
4	2S07-101-RB1	

Analyst: AMJ

Date: 02-05-08

Case Number: 2S07-101

Notes:

Pipettes Used:

Volumes <2 uL	10
Volumes 2-10 uL	
Volumes 11-100 uL	28
Volumes 101-1000 uL	217

Am 020508

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3odeQuant LCN Sample Sheet & Plate Set-up

Analyst AMJ Date: 2/6/2008

Protocol: BT 00241

CASE #: 2S08-002, 2S07-055, 2S07-101, 2S05-167, 2S08-015

TRAY ID: LCN_020608AMJ

	1	2	3	4	5	6	7	8	9	10	11	12
A	2S08-002-02X1	2S07-055-08A1-SF	2S05-167-13X1	BLANK	BLANK	BLANK	BLANK	BLANK	BLANK	BLANK	BLANK	STD #0
B	2S08-002-RB3	2S07-055-RB3-SF	2S05-167-RB7	BLANK	BLANK	BLANK	BLANK	BLANK	BLANK	BLANK	BLANK	STD #5
C	2S07-055-07A1	2S07-055-08A1-EF	2S08-015-01A1	BLANK	BLANK	BLANK	BLANK	BLANK	BLANK	BLANK	BLANK	STD #5
D	2S07-055-08A1	2S07-055-RB3-EF	2S08-015-RB1	BLANK	BLANK	BLANK	BLANK	BLANK	BLANK	BLANK	BLANK	STD #0.05
E	2S07-055-10X1	2S07-101-06A1	BLANK	BLANK	BLANK	BLANK	BLANK	BLANK	BLANK	BLANK	BLANK	STD #0.005
F	2S07-055-11X1	2S07-101-06A2	BLANK	BLANK	BLANK	BLANK	BLANK	BLANK	BLANK	BLANK	BLANK	STD #0.0005
G	2S07-055-12A1	2S07-101-06A3	BLANK	BLANK	BLANK	BLANK	BLANK	BLANK	BLANK	BLANK	BLANK	NTC
H	2S07-055-RB4	2S07-101-RB1	BLANK	BLANK	BLANK	BLANK	BLANK	BLANK	BLANK	BLANK	BLANK	BLANK

of Wells + 10% Extra: 31

	1	31
2X QPCR mix	10	310.0
Primer/Probe Blend	0.87	27.0
IPC Template (10 ⁻⁶)	2	62.0
Water	5.13	159.0
<i>DNA or TE</i>	2	
Total Volume	20	

QPCR Mix Lot # (AB Gene): 020114
 Primer/Probe Blend Lot # (BODE): 041207LMC-1
 IPC Template Lot # (BODE): 101907LMC-1
 dH2O Lot # (Fisher): 066045
 9947 Standards Lot # (Coriell): C3-102506
 TE⁴ Lot # (BODE): 082807LMC
 7000 Machine #: 7000-5

Pipettes Used:

For all volumes <2 uL	10
For all volumes between 2 and 10 uL	10
For all volumes between 11 and 100 uL	46
For all volumes between 101 and 1000 uL	112
For master mix	46

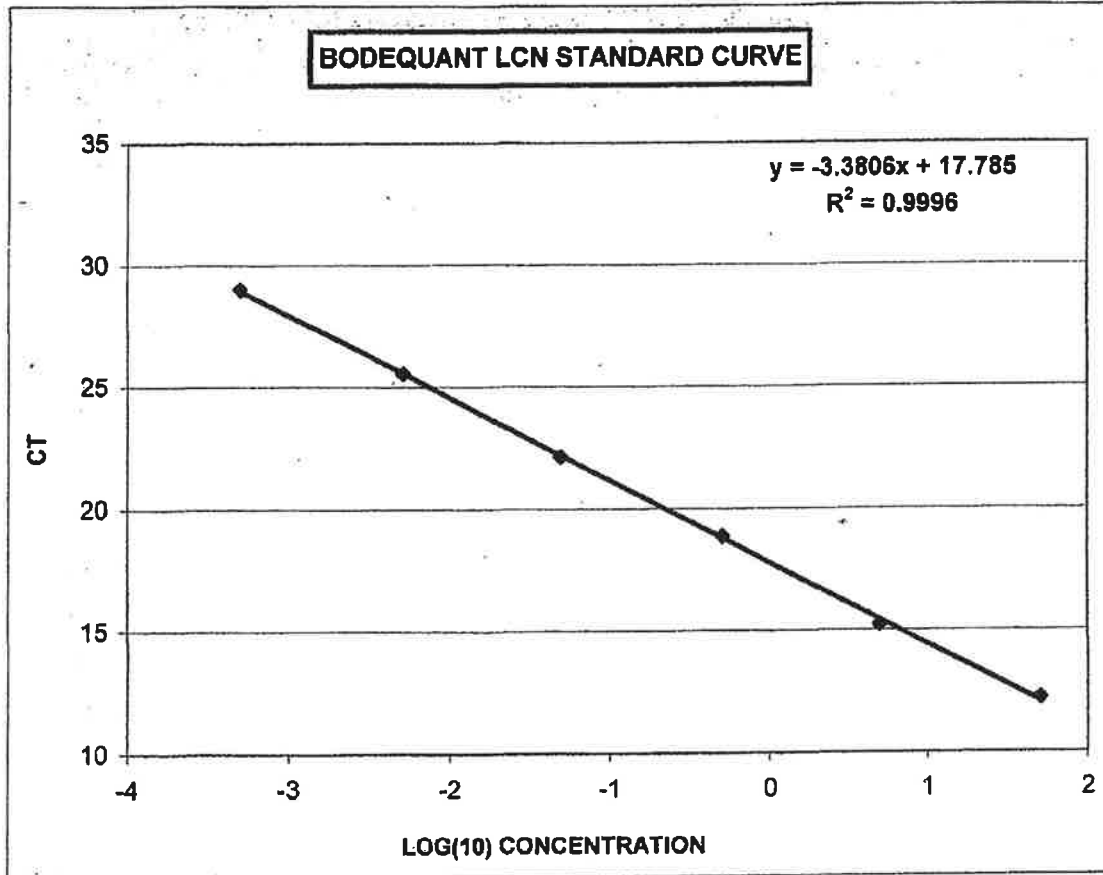
AMJ 020608

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BODEQUANT LCN QUANT

TRAY ID: LCN_020608AMJ
CASE #: 2S08-002, 2S07-055, 2S07-101, 2S05-167, 2S08-015

Analyst: AMJ
Date: 02/06/08



Document: BTF00241 - (3) BQLCN Results Analysis (WS)
Revision: 2
Effective: Wednesday, January 30, 2008 10:38:53 AM

AMJ 02-06-08
2/6/2008

BODEQUANT LCN QUANT

Tray: LCN_020608AMJ
 CASE#: 2S08-002, 2S07-055, 2S07-101, 2S05-167, 2S08-015
 Analyst: AMJ
 Date: 02/06/08

Yellow: Concentration = Zero; Below limit of detection of assay.

Blue: IPC is outside of the expected range - Inhibitors may be present
 OR DNA yield is greater than 5ng/ul OR both. Dilute prior to amplification.

Sample Name	Sample Type	CT	Quantity (ng/ul)	Quantity (pg/ul)	IPC Ct
STD 50	Standard	12.20	50	50000	19.82
STD 5	Standard	15.20	5	5000	19.18
STD 0.5	Standard	18.88	0.5	500	20.36
STD 0.05	Standard	22.13	0.05	50	21.19
STD 0.005	Standard	25.54	0.005	5	21.40
STD 0.0005	Standard	29.01	0.0005	0.5	21.34
NTC	NTC	32.55	<0.005	<5	21.43

Avg IPC Ct for Stds: 20.82

A1	2S08-002-02X1	Unknown	25.97	<0.005	<5	21.22
B1	2S08-002-RB3	Unknown	31.37	<0.005	<5	21.38
C1	2S07-055-07A1	Unknown	24.20	0.0126	12.6	21.65
D1	2S07-055-09A1	Unknown	24.96	0.00757	7.57	21.36
E1	2S07-055-10X1	Unknown	24.75	0.00874	8.74	21.52
F1	2S07-055-11X1	Unknown	20.13	0.202	202	20.97
G1	2S07-055-12A1	Unknown	21.85	0.0626	62.6	21.23
H1	2S07-055-RB4	Unknown	33.89	<0.005	<5	21.77
A2	2S07-055-08A1-SF	Unknown	28.03	<0.005	<5	21.21
B2	2S07-055-RB3-SF	Unknown	30.86	<0.005	<5	21.21
C2	2S07-055-08A1-EF	Unknown	20.76	0.132	132	20.82
D2	2S07-055-RB3-EF	Unknown	32.01	<0.005	<5	21.54
E2	2S07-101-06A1	Unknown	25.23	0.00628	6.28	21.38
F2	2S07-101-06A2	Unknown	25.03	0.00721	7.21	21.63
G2	2S07-101-06A3	Unknown	23.31	0.0232	23.2	21.61
H2	2S07-101-RB1	Unknown	32.66	<0.005	<5	21.56
A3	2S05-167-13X1	Unknown	13.22	22.4	22400	19.93
B3	2S05-167-RB7	Unknown	31.52	<0.005	<5	21.19
C3	2S08-015-01A1	Unknown	14.88	7.24	7240	19.49
D3	2S08-015-RB1	Unknown	32.84	<0.005	<5	21.44

Document: BTF00241 - (3) BQLCN Results Analysis (WS)
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Note: CT values of 0.00 should be interpreted as "greater than 40 cycles."
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AMJ 02.06.08

2/6/2008

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Microcon Purification of DNA Extracts

Item	Source	Lot #
Microcon-100	Amicon	R7MN99304
TE-4 Buffer	BODE	082807LMC

Tube #	Sample	Approximate Volume Recovered (ul)	Approximate Final Volume (ul)	Comments
1	2S07-101-06A1, 2S07-101-06A2, 2S07-101-06A3	5	20	Final combined sample name = 2S07-101-06X1
2	2S07-101-RB1	6	20	

Analyst: AMJ

Date: 02-07-08

Case Number: 2S07-101

Pipettes Used:

Volumes <2 uL	
Volumes 2-10 uL	7C
Volumes 11-100 uL	SJ
Volumes 101-1000 uL	

AMJ 020708 7

AmpF/STR Identifiler

Amplification Worksheet (25µl Volume Reaction)

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Protocol: BT 00429

AMPLIFICATION NOTES:

CASE# 2S05-167-AMP 17

Reagent	Source	Lot#	Sample Volume (µl)	Number of Reactions	Final Volume (µl)
Water	Fisher	072120			
PCR Reaction Mix	ABI	0710122	10.5	5	52.5
Identifiler Primer Set	ABI	0709051	5.5	5	27.5
AmpliTag Gold	ABI	H14342	0.5	5	2.5
POS 9947	BODE	020708AMJ			

CASE# 2S07-055-AMP 1

Reagent	Source	Lot#	Sample Volume (µl)	Number of Reactions	Final Volume (µl)
Water	Fisher	072120			
PCR Reaction Mix	ABI	0710122	10.5	7	73.5
Identifiler Primer Set	ABI	0709051	5.5	7	38.5
AmpliTag Gold	ABI	H14342	0.5	7	3.5
POS 9947	BODE	020708AMJ			

CASE# 2S07-101-AMP 1

Reagent	Source	Lot#	Sample Volume (µl)	Number of Reactions	Final Volume (µl)
Water	Fisher	072120			
PCR Reaction Mix	ABI	0710122	10.5	5	52.5
Identifiler Primer Set	ABI	0709051	5.5	5	27.5
AmpliTag Gold	ABI	H14342	0.5	5	2.5
POS 9947	BODE	020708AMJ			

Pipettes Used:

Analyst: AMJ
Date: 02-07-08

For all volumes <2 uL	1P
For all volumes between 2 and 10 uL	1P
For all volumes between 11 and 100 uL	50
For all volumes between 101 and 1000 uL	—
For master mix	50
For water	1P

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AmpF/STR Identifier

Amplification Worksheet (25µl Volume Reaction)

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See amplification notes for reagents, lot numbers, and pipettor numbers

Tray Coordinate (well)	Sample	Dilution	Master Mix (µl)	DNA/dH ₂ O (µl/µl)	Total (µl)
A1.17	2S05-167-13X1.1	1:14	15	1/9	25
B1.17	2S05-167-RB7.1	--	15	1/9	25
C1.17	2S05-167-POS17	--	15	1.5/8.5	25
D1.17	2S05-167-NEG17	--	15	0/10	25
A2.1	2S07-055-08A1-EF.1	--	15	10/0	25
B2.1	2S07-055-RB3-EF.1	--	15	10/0	25
C2.1	2S07-055-11X1.1	--	15	10/0	25
D2.1	2S07-055-RB4.1	--	15	10/0	25
E2.1	2S07-055-POS1	--	15	1.5/8.5	25
F2.1	2S07-055-NEG1	--	15	0/10	25
A3.1	2S07-101-06X1.1	--	15	10/0	25
B3.1	2S07-101-RB1.1	--	15	10/0	25
C3.1	2S07-101-POS1	--	15	1.5/8.5	25
D3.1	2S07-101-NEG1	--	15	0/10	25

TC#: 28
 Analyst: AMJ
 Tube Witness: BU

Program#: JD_28CYCL
 Date: 02-07-08
 Date: 2/7/08

CASE# 2S05-167-AMP 17
 CASE# 2S07-055-AMP 1
 CASE# 2S07-101-AMP 1

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Inventory Case Notes

Bode Technology, Inc.

Case Number: 2S07-101-05

Date: 02-26-08

Analyst: AMJ

OUTER PACKAGING: Plastic bag sealed with heat seal and date/initials

CONTAINS: 1x pair of long johns with some yellow/brown staining; inside tag labeled in part "S6-8 Boys Artex Long Johns"

BODE ITEM NAME	QUANTITY SUBMITTED	ANALYST NOTES	QUANTITY CONSUMED
2S07-101-05A1	1	<ul style="list-style-type: none">Area 05A is ~8cm x 15cm and encompasses the exterior, top right half of the long johns (front and back)The waistband and part of the long johns in this area appears previously removed and is not packaged with the evidence.The area was scraped avoiding staining and marker identification	~50% of surface area - see photodocumentation
2S07-101-05B1	1	<ul style="list-style-type: none">Area 05B is ~8cm x 22cm and encompasses the exterior top left half of the long johns (front and back)The area was scraped avoiding staining and marker identification	~50% of surface area - see photodocumentation
2S07-101-05C1	1	<ul style="list-style-type: none">Area 05C is ~8cm x 15cm and encompasses the interior, top right half of the long johns (front and back)The area was scraped avoiding staining and marker identification	~50% of surface area - see photodocumentation
2S07-101-05D1	1	<ul style="list-style-type: none">Area 05D is ~8cm x 25cm and encompasses the interior top left half of the long johns (front and back)The area was scraped avoiding staining and marker identification	~50% of surface area - see photodocumentation

NOTES:

See photodocumentation for additional details on description of evidence

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Document: BTF00245 - Inventory Notes w/out Serology (CCW WS)

Revision: 2

Effective: Wednesday, January 30, 2008 2:06:20 PM

AMJ 030308 10

QIAGEN: Procedure C

Extraction Worksheet

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ITEM	SOURCE	LOT NUMBER
ATL	QIAGEN	127132140
Proteinase K (20mg/ml)	Invitrogen	311315
AL	QIAGEN	127142410
Carrier RNA	BODE	011508LMC
100% Ethanol	SPECTRUM	WQ3018
QIAamp Spin Column	QIAGEN	127143413
AW1	BODE	021108EA2
AW2	BODE	022508-JDa 1
TE ⁻ Buffer	BODE	022508LMC

Tube #	Sample	Comments
1	2S07-101-05A1	
2	2S07-101-05B1	
3	2S07-101-05C1	
4	2S07-101-05D1	
5	2S07-101-RB2	

Analyst: AMJ

Date: 02-29-08

Case Number: 2S07-101

Notes:

-Final volume v 50ul.

Pipettes Used:

Volumes <2 uL	—
Volumes 2-10 uL	—
Volumes 11-100 uL	E24
Volumes 101-1000 uL	1F

AMJ 022908

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BodeQuant LCN Sample Sheet & Plate Set-up

Protocol: BT 00241

Analyst: AMJ

Date: 2/28/2008

CASE #: 2S04-114, 2S08-013, 2S07-101, Qiagen DIFFS Training

TRAY ID: LCN 022908AMJ

	1	2	3	4	5	6	7	8	9	10	11	12
A	2S04-114-10E2-SF	2S08-013-06A1-SF	2S07-101-05A1	+4A-SF	+1B-EF	+4D-EF	BLANK	BLANK	BLANK	BLANK	BLANK	STD 50
B	2S04-114-RB19-SF	2S08-013-RB1-SF	2S07-101-05B1	+4B-SF	RB1-EF	+1C-EF	BLANK	BLANK	BLANK	BLANK	BLANK	STD 5
C	2S04-114-10E2-EF	2S08-013-06A1-EF	2S07-101-05C1	+1A-SF	+4C-SF	+1D-EF	BLANK	BLANK	BLANK	BLANK	BLANK	STD 0.5
D	2S04-114-RB18-EF	2S08-013-RB1-EF	2S07-101-05D1	+1B-SF	+4D-SF	RB2-EF	BLANK	BLANK	BLANK	BLANK	BLANK	STD 0.05
E	BLANK	BLANK	2S07-101-RB2	RB1-SF	+1C-SF	BLANK	BLANK	BLANK	BLANK	BLANK	BLANK	STD 0.005
F	BLANK	BLANK	BLANK	+4A-EF	+1D-SF	BLANK	BLANK	BLANK	BLANK	BLANK	BLANK	STD 0.0005
G	BLANK	BLANK	BLANK	+4B-EF	RB2-SF	BLANK	BLANK	BLANK	BLANK	BLANK	BLANK	NTC
H	BLANK	BLANK	BLANK	+1A-EF	+4C-EF	BLANK	BLANK	BLANK	BLANK	BLANK	BLANK	BLANK

of Wells + 10% Extra: 45

	1	45
2X QPCR mix	10	450.0
Primer/Probe Blend	0.87	39.2
IPC Template (10 ³)	2	90.0
Water	5.13	230.9
DNA or TE	2	
Total Volume	20	

QPCR Mix Lot # (AB Gene): 1206/14
 Primer/Probe Blend Lot # (BODE): 103107LMC-1
 IPC Template Lot # (BODE): 101907LMC-1
 dH2O Lot # (Fisher): 072120
 9947 Standards Lot # (Coriell): C3-102506
 TE⁺ Lot # (BODE): 111907LMC
 7000 Machine #: 7000-5

Pipettes Used:

For all volumes <2 uL	
For all volumes between 2 and 10 uL	
For all volumes between 11 and 100 uL	
For all volumes between 101 and 1000 uL	
For master mix	

standards prepared by MDM on 022908.
 AMJ 022908

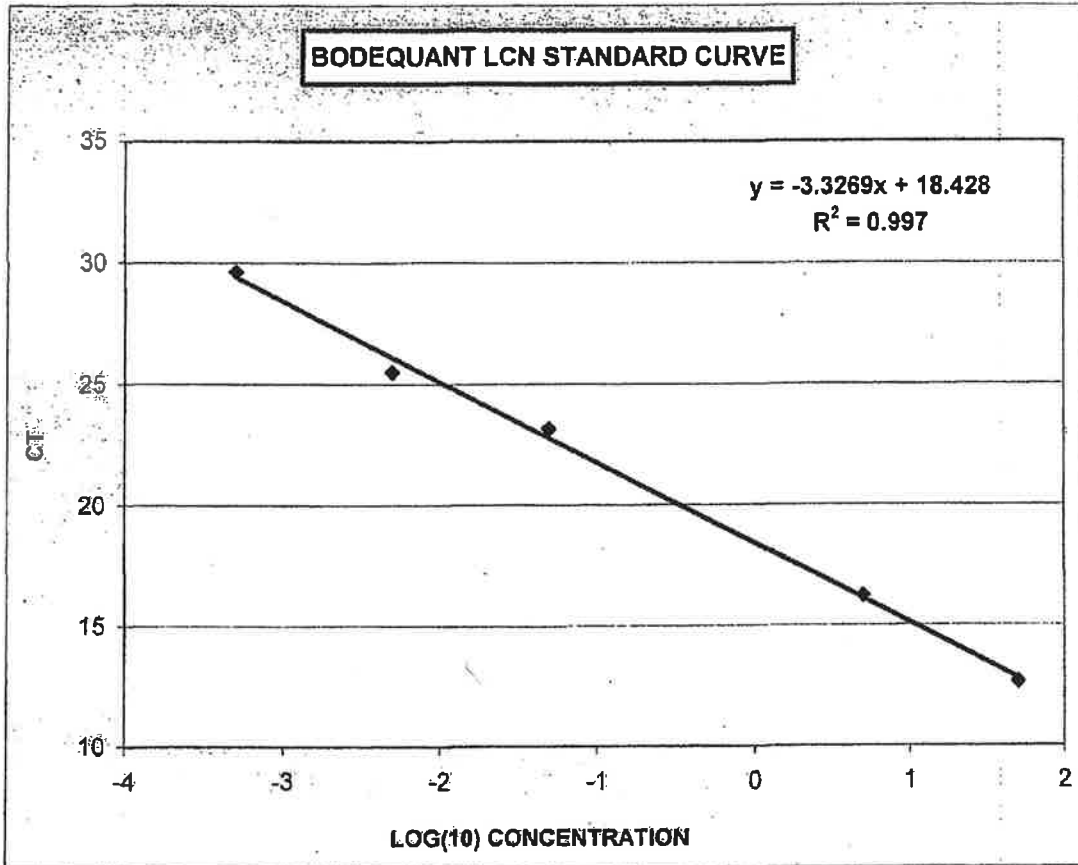
AMJ 022908 12

BODEQUANT LCN QUANT

TRAY ID: LCN_022908AMJ

Analyst: AMJ

Date: 2/29/2008



Case #: 2S04-114, 2S08-013, 2S07-101, Qiagen DIFFS Training

NOTE: STD Point 0.5 was substantially off the trend line; this point was removed and the trend line was recalculated.

2/29/2008

AMJ 022908

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BODEQUANT LCN QUANT

Tray ID: LCN_022908AMJ
 Analyst: AMJ
 Date: 2/29/08

Yellow: Concentration = Zero; Below limit of detection of assay.

Blue: IPC is outside of the expected range - Inhibitors may be present
 OR DNA yield is greater than 5ng/μl OR both. Dilute prior to amplification.

Sample Name	Sample Type	CT	Quantity (ng/ul)	Quantity (pg/ul)	IPC Ct
STD 50	Standard	12.64	50	50000	18.31
STD 5	Standard	16.23	5	5000	19.51
Omitted well					
STD 0.05	Standard	23.14	0.05	50	21.37
STD 0.005	Standard	25.49	0.005	5	21.01
STD 0.0005	Standard	29.63	0.0005	0.5	21.48
NTC	NTC	29.87	<0.005	<5	21.59

Avg IPC Ct for Stds: 20.99

A1	2S04-114-10E2-SF	Unknown	32.07	<0.005	<5	20.10
B1	2S04-114-RB19-SF	Unknown	31.75	<0.005	<5	21.16
C1	2S04-114-10E2-EF	Unknown	23.87	0.0232	23.2	21.56
D1	2S04-114-RB19-EF	Unknown	31.07	<0.005	<5	21.39
A2	2S08-013-06A1-SF	Unknown	24.57	0.0143	14.3	20.52
B2	2S08-013-RB1-SF	Unknown	32.14	<0.005	<5	21.07
C2	2S08-013-06A1-EF	Unknown	14.56	14.56	14560	19.02
D2	2S08-013-RB1-EF	Unknown	31.74	<0.005	<5	21.47
A3	2S07-101-05A1	Unknown	21.43	0.126	126	21.03
B3	2S07-101-05B1	Unknown	22.58	0.0567	56.7	21.08
C3	2S07-101-05C1	Unknown	22.20	0.0735	73.5	21.30
D3	2S07-101-05D1	Unknown	21.03	0.166	166	21.24
E3	2S07-101-RB2	Unknown	30.90	<0.005	<5	21.38
A4	+4A-SF	Unknown	22.03	0.0827	82.7	20.65
B4	+4B-SF	Unknown	22.01	0.0842	84.2	21.05
C4	+1A-SF	Unknown	23.71	0.0258	25.8	21.46
D4	+1B-SF	Unknown	24.18	0.0187	18.7	21.33
E4	RB1-SF	Unknown	29.03	<0.005	<5	21.44
F4	+4A-EF	Unknown	14.89	11.57	11570	19.39
G4	+4B-EF	Unknown	14.78	12.49	12490	19.07
H4	+1A-EF	Unknown	14.01	21.31	21310	20.17
A5	+1B-EF	Unknown	14.28	17.63	17630	18.90
B5	RB1-EF	Unknown	30.96	<0.005	<5	21.50
C5	+4C-SF	Unknown	18.83	0.758	758	20.45
D5	+4D-SF	Unknown	21.02	0.167	167	21.11
E5	+1C-SF	Unknown	23.16	0.0378	37.8	21.25
F5	+1D-SF	Unknown	24.36	0.0165	16.5	21.25
G5	RB2-SF	Unknown	30.02	<0.005	<5	21.83
H5	+4C-EF	Unknown	14.14	19.45	19450	19.97
A6	+4D-EF	Unknown	14.80	12.35	12350	18.88
B6	+1C-EF	Unknown	14.62	13.91	13910	19.06
C6	+1D-EF	Unknown	14.66	13.61	13610	18.94
D6	RB2-EF	Unknown	30.85	<0.005	<5	21.44

Case #: 2S04-114, 2S08-013, 2S07-101, Qiagen DIFFS Training

Note: CT values of 0.00 should be interpreted as "greater than 40 cycles."

LCN_022908 2/29/2008

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AmpF/STR Identifier

Amplification Worksheet (25µl Volume Reaction)

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See amplification notes for reagents, lot numbers, and pipettor numbers

Tray	Sample	Dilution	Master Mix (µl)	DNA/dH2O (µl/µl)	Total (µl)
A1.15	2S04-114-10E2-SF.1	---	15	10/0	25
B1.15	2S04-114-RB19-SF.1	---	15	10/0	25
C1.15	2S04-114-10E2-EF.1	---	15	10/0	25
D1.15	2S04-114-RB19-EF.1	---	15	10/0	25
E1.15	2S04-114-POS15	---	15	1.5/8.5	25
F1.15	2S04-114-NEG15	---	15	0/10	25

A5.2	2S07-101-05A1.1	---	15	10/0	25
B5.2	2S07-101-05B1.1	---	15	10/0	25
C5.2	2S07-101-05C1.1	---	15	10/0	25
D5.2	2S07-101-05D1.1	---	15	10/0	25
E5.2	2S07-101-RB2.1	---	15	10/0	25
F5.2	2S07-101-POS2	---	15	1.5/8.5	25
G5.2	2S07-101-NEG2	---	15	0/10	25

TC#: 33
 Analyst: AMJ
 Tube Witness: JDB

Program#: ID 28CYCL
 Date: 03-03-08
 Date: 3/3/08

CASE# 2S04-114-AMP 15
 CASE# 2S07-101-AMP 2

Protocol: BT 00429

AMPLIFICATION NOTES:

CASE# 2S04-114-AMP 15

Reagent	Source	Lot #	Sample Volume (µl)	Number of Reactions	Final Volume (µl)
Water	Fisher	072120			
PCR Reaction Mix	ABI	0710122	10.5	7	73.5
Identifier Primer Set	ABI	0709051	5.5	7	38.5
AmpliTag Gold	ABI	306623	0.5	7	3.5
POS 9947	BODE	030308AMJ			

CASE# 2S07-101-AMP 2

Reagent	Source	Lot #	Sample Volume (µl)	Number of Reactions	Final Volume (µl)
Water	Fisher	072120			
PCR Reaction Mix	ABI	0710122	10.5	8	84
Identifier Primer Set	ABI	0709051	5.5	8	44
AmpliTag Gold	ABI	306623	0.5	8	4
POS 9947	BODE	030308AMJ			

Pipettes Used:

For all volumes <2 uL	LP A005
For all volumes between 2 and 10 uL	LP A005
For all volumes between 11 and 100 uL	IW
For all volumes between 101 and 1000 uL	IW
For master mix	IW
For water	LP A005

AMJ 030308

15

Microcon Purification of DNA Extracts

Item	Source	Lot #
Microcon-100	Amicon	27PN22648
TE-4 Buffer	BODE	111907LAC

Tube #	Sample	Approximate Volume Recovered (ul)	Approximate Final Volume (ul)	Comments
1	2S07-101-05A1	6	20	
2	2S07-101-05B1	4	20	
3	2S07-101-05C1	4	20	
4	2S07-101-05D1	5	20	
5	2S07-101-RB2	5	20	

Analyst: AMJ

Date: 03-18-08

Case Number: 2S07-101

Pipettes Used:

Volumes <2 uL	—
Volumes 2-10 uL	3B
Volumes 11-100 uL	E8
Volumes 101-1000 uL	E4

Document: BTF00222 - Microcon (WS)

Revision: 2

Effective: Friday, March 07, 2008 1:18:19 PM

AMJ 03-18-08 16

AmpF/STR Identifier

Amplification Worksheet (25µl Volume Reaction)

Page 1 of 1

See amplification notes for reagents, lot numbers, and pipettor numbers

Tray	Sample	Dilution	Master Mix (µl)	DNA/dH2O (µl/µl)	Total (µl)
A1.3	2S07-101-05A1.2	---	15	10/0	25
B1.3	2S07-101-05B1.2	---	15	10/0	25
C1.3	2S07-101-05C1.2	---	15	10/0	25
D1.3	2S07-101-05D1.2	---	15	10/0	25
E1.3	2S07-101-RB2.2	---	15	10/0	25
F1.3	2S07-101-POS3	---	15	1.5/8.5	25
G1.3	2S07-101-NEG3	---	15	0/10	25

MM 031808

TC#: 122

Program#: ID 28CYCL

CASE# 2S07-101-AMP 3

Analyst: AMJ

Date: 03-18-08

Tube Witness: BSS

Date: 3/18/08

Protocol: BT 00429

AMPLIFICATION NOTES:

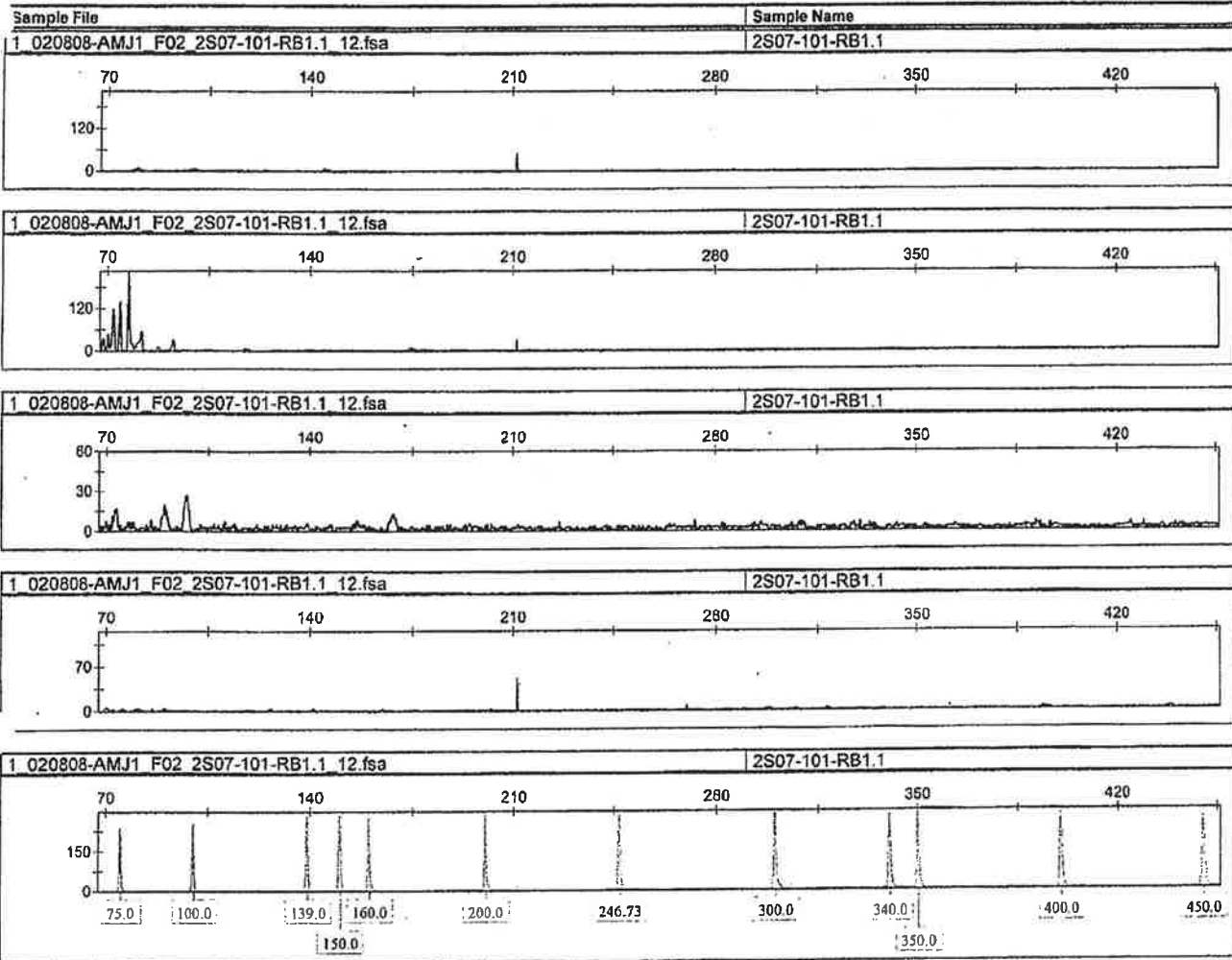
CASE# 2S07-101-AMP 3

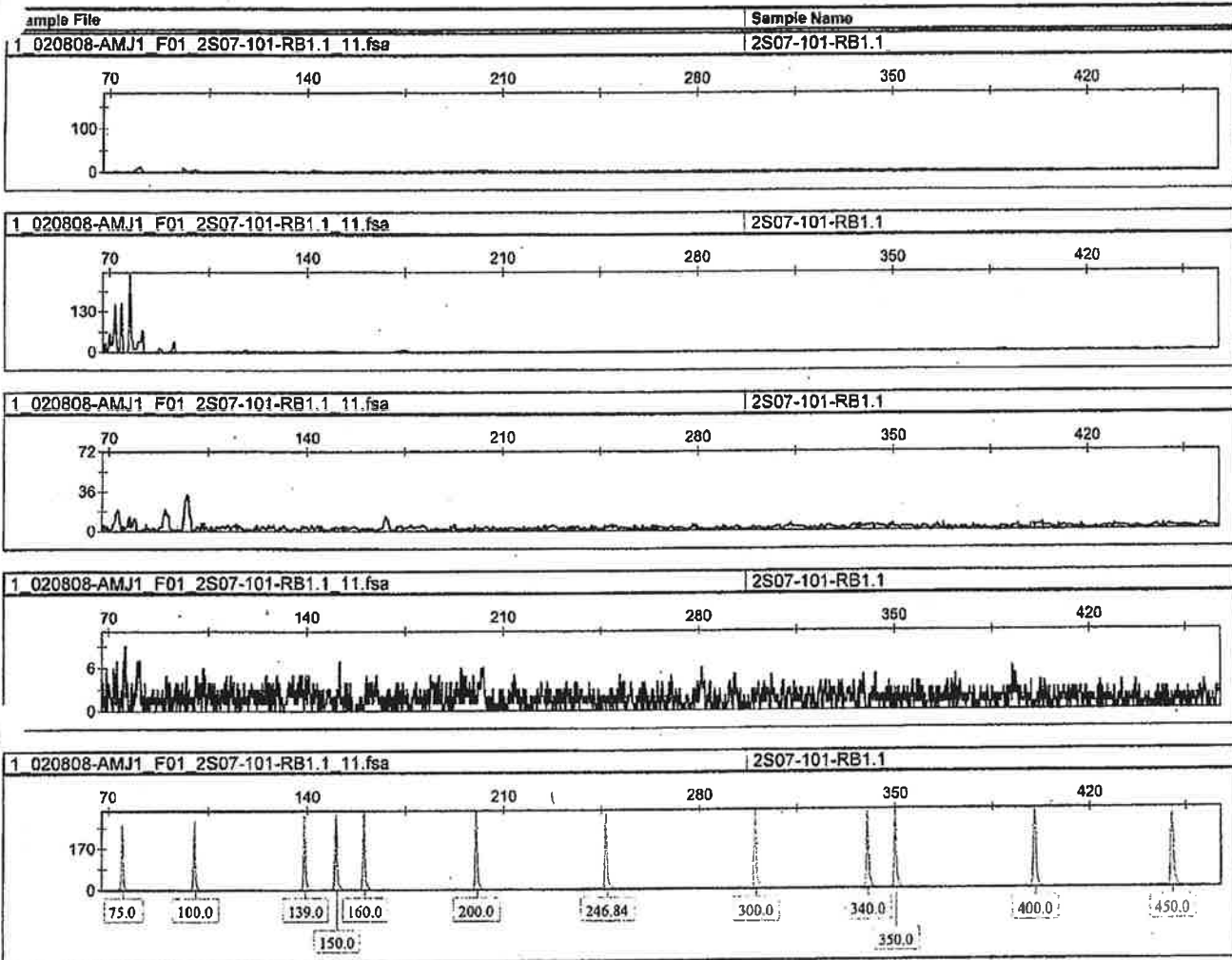
Reagent	Source	Lot #	Sample Volume (µl)	Number of Reactions	Final Volume (µl)
Water	Fisher	072120			
PCR Reaction Mix	ABI	0710122	10.5	8	84
Identifier Primer Set	ABI	0709051	5.5	8	44
Amplicon Gold	ABI	105604	0.5	8	4
POS 9947	BODE	031808 KMS			

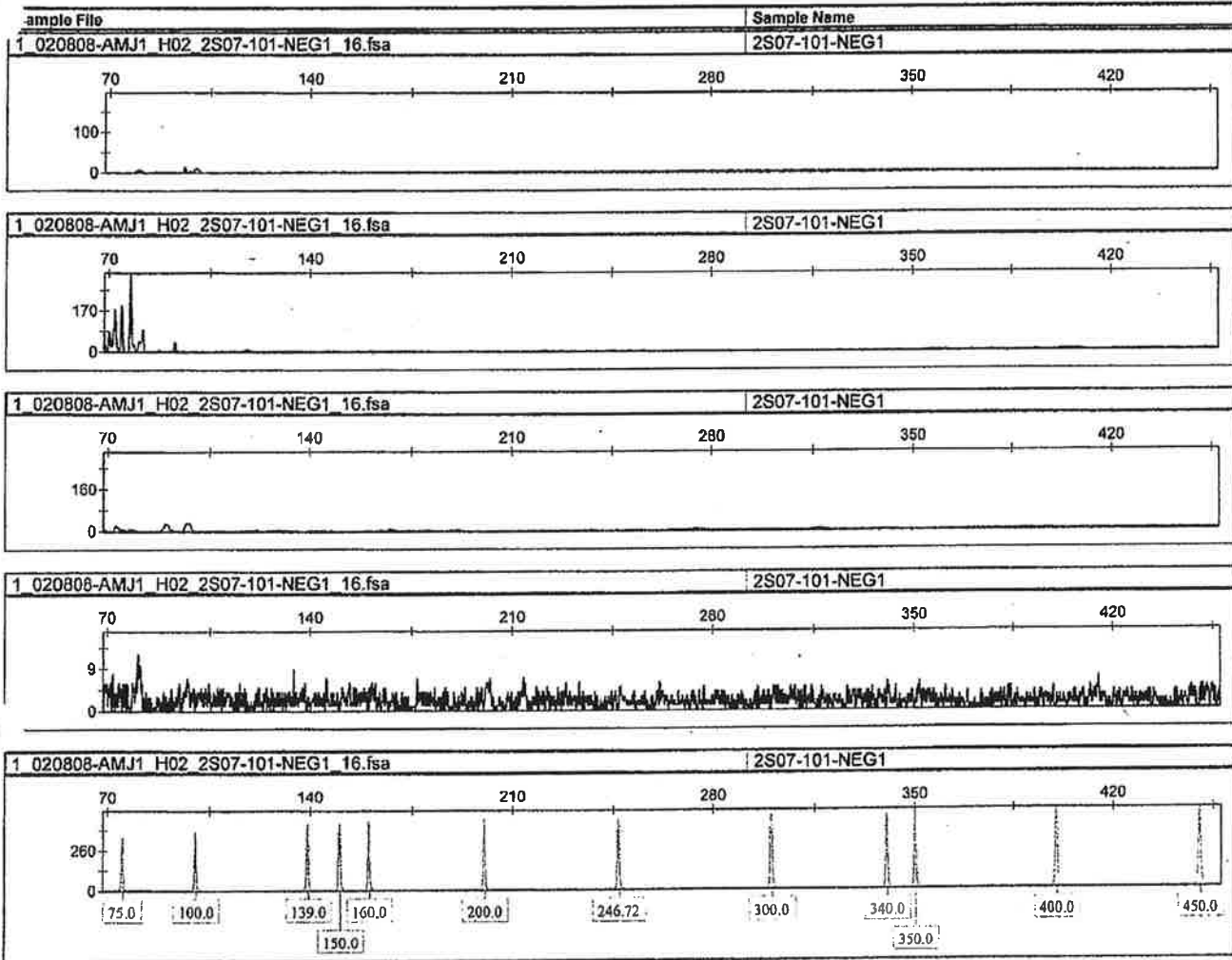
Pipettes Used:

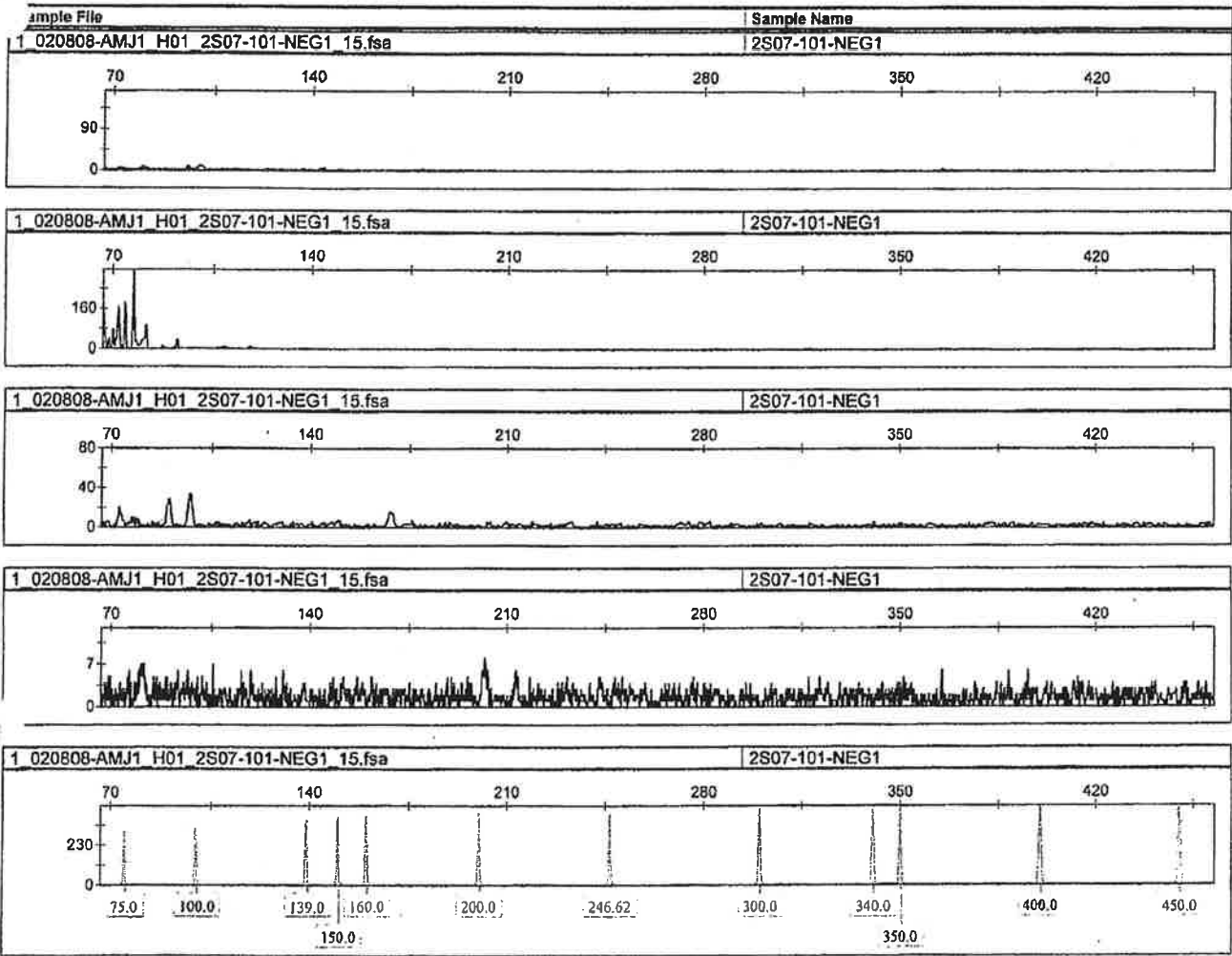
For all volumes <2 uL	15
For all volumes between 2 and 10 uL	15
For all volumes between 11 and 100 uL	E24
For all volumes between 101 and 1000 uL	E34 + MM 031808
For master mix	E34
For water	15

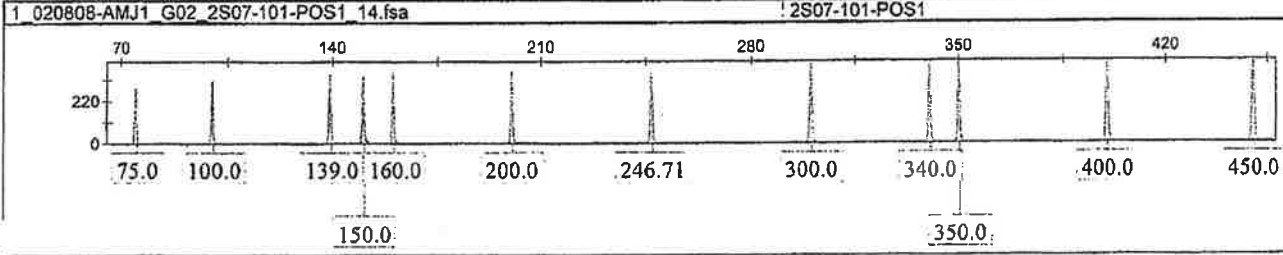
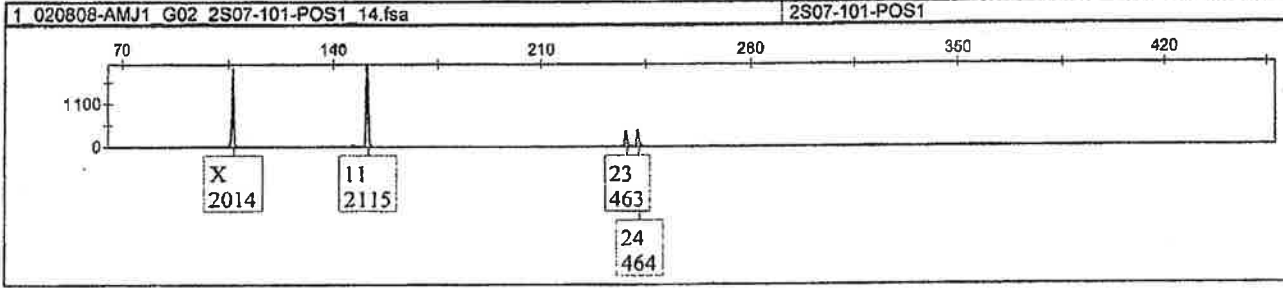
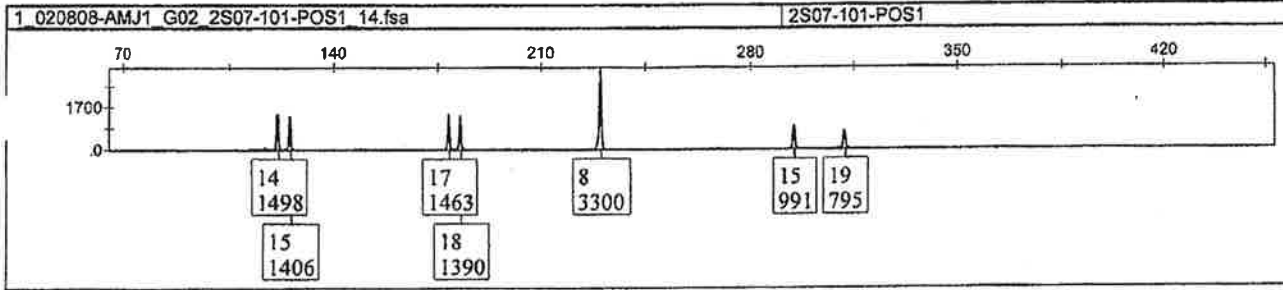
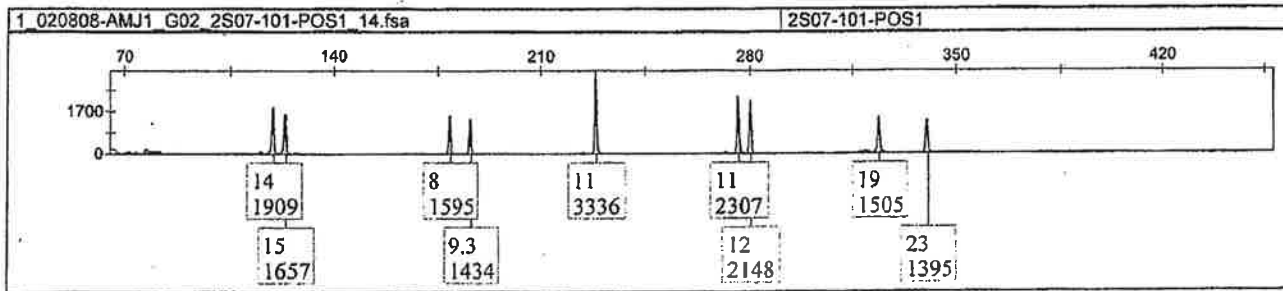
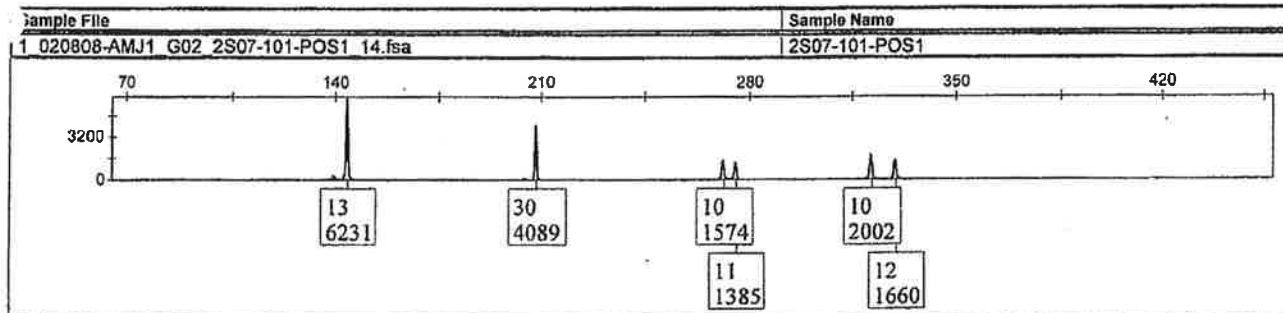
MM 031808 17

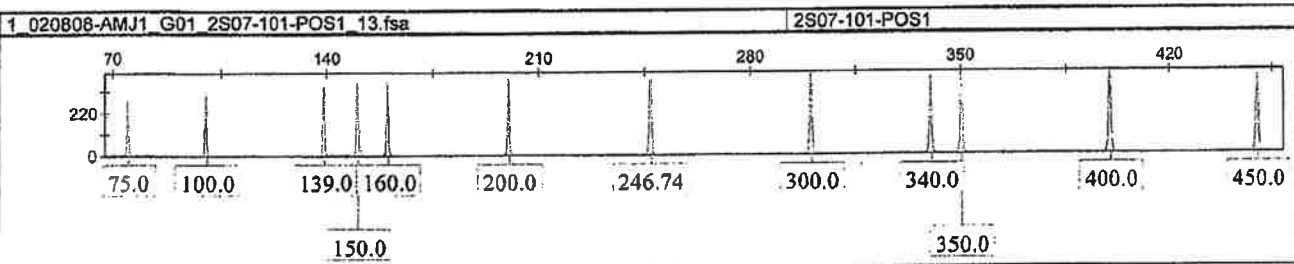
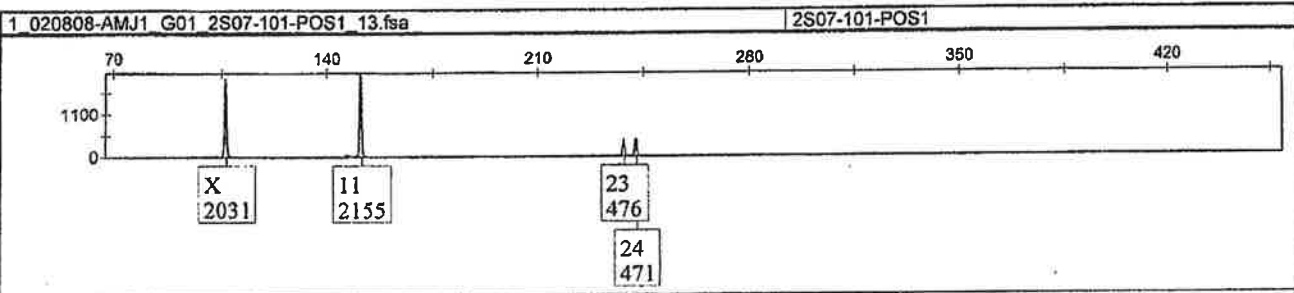
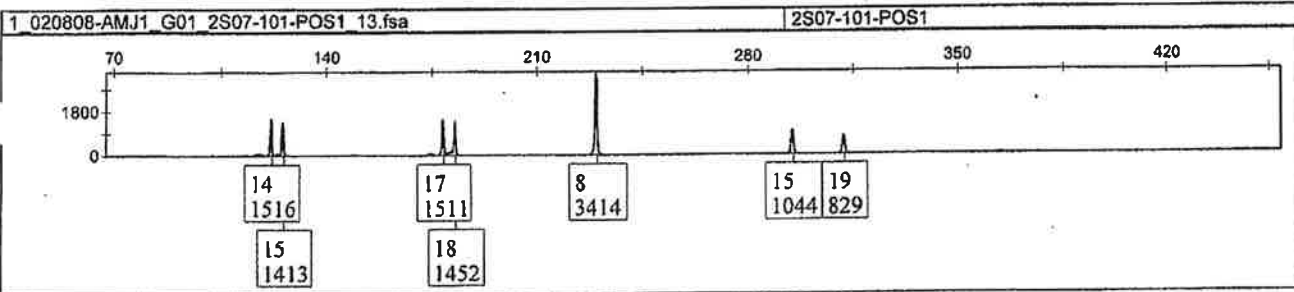
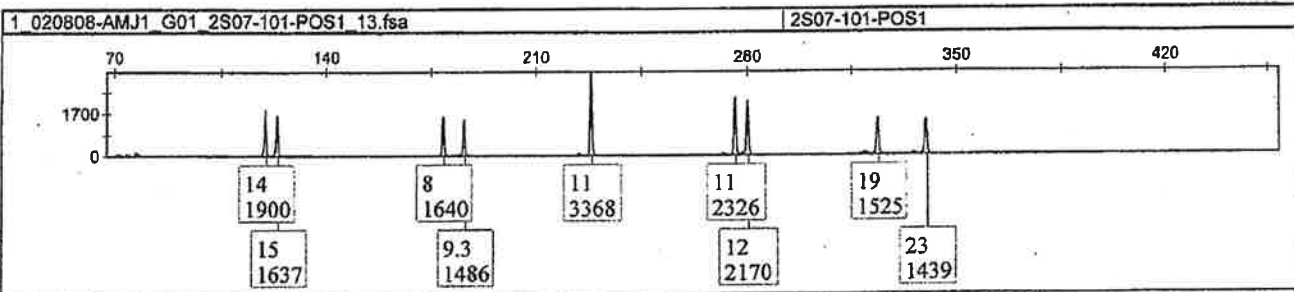
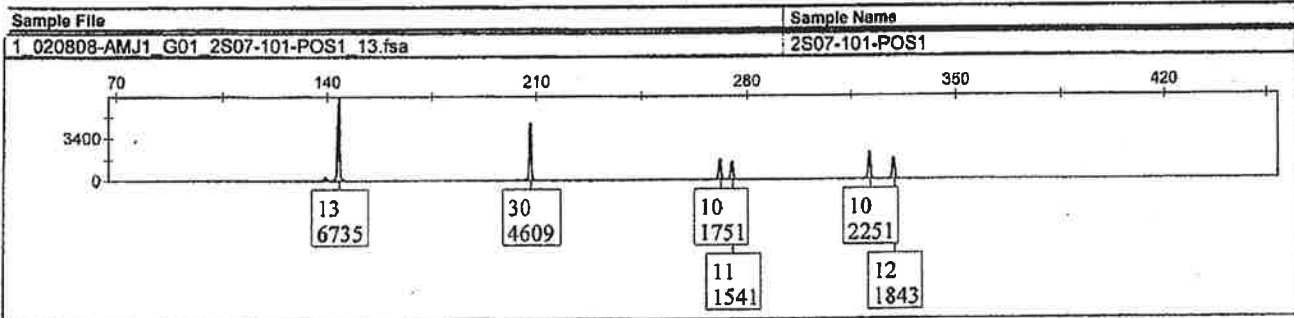




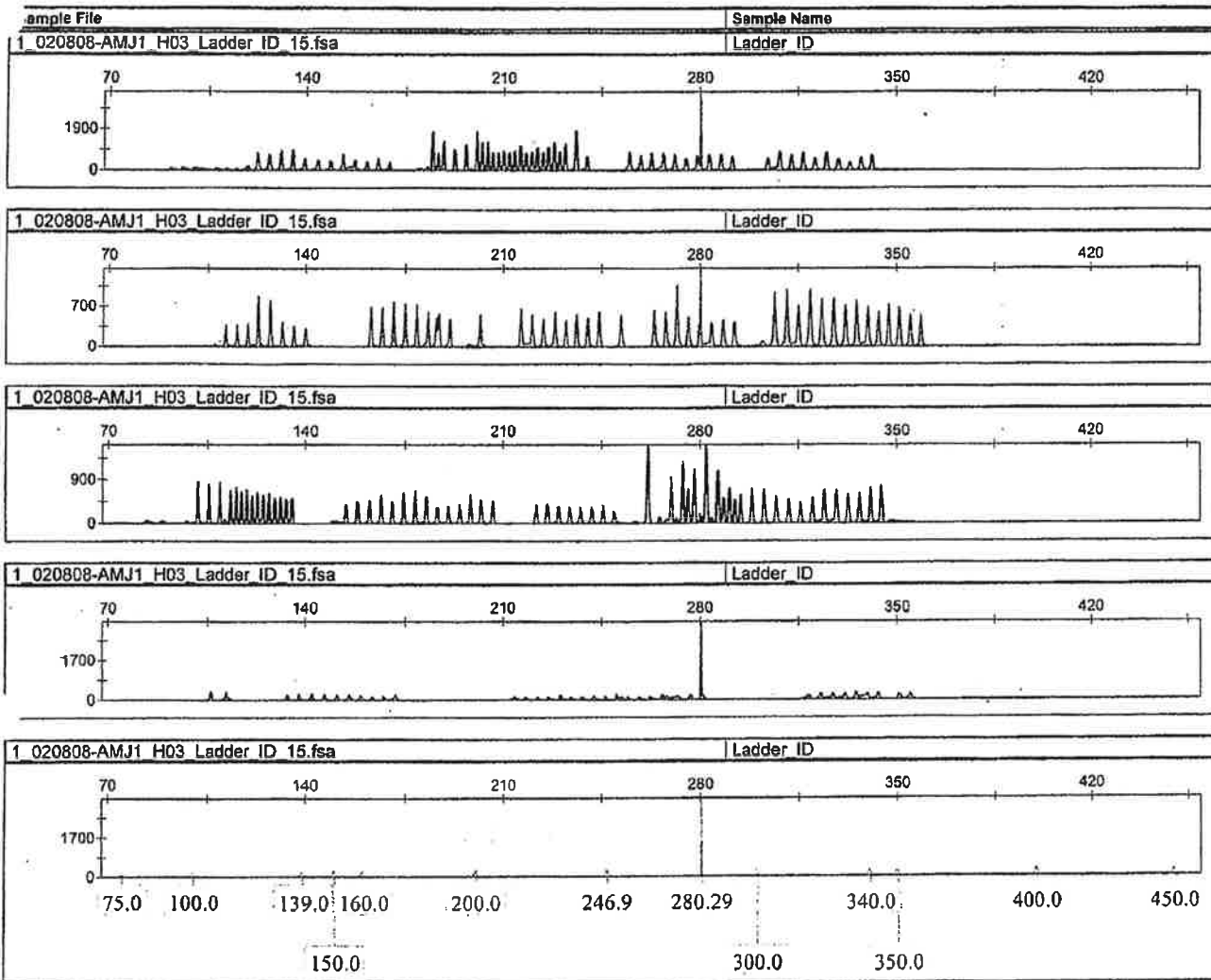


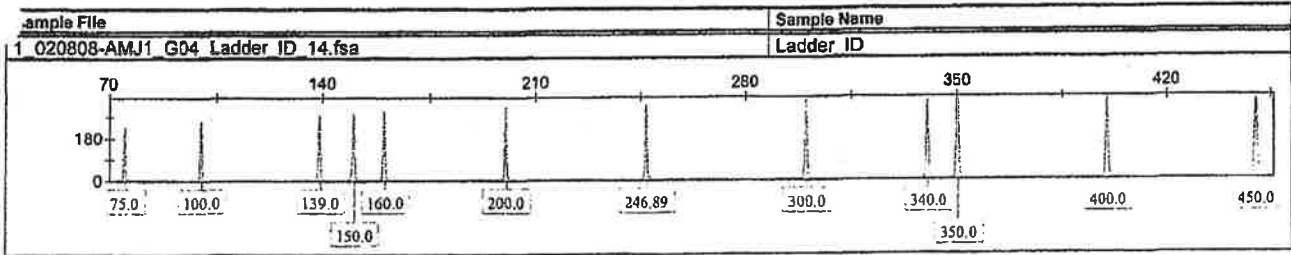


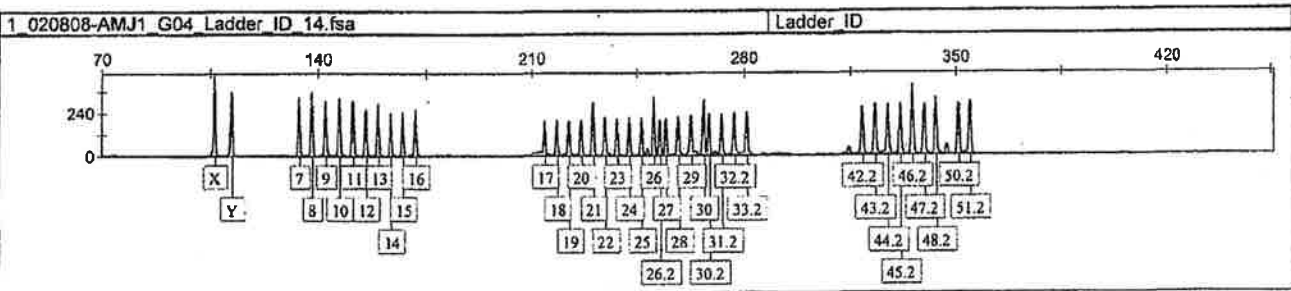
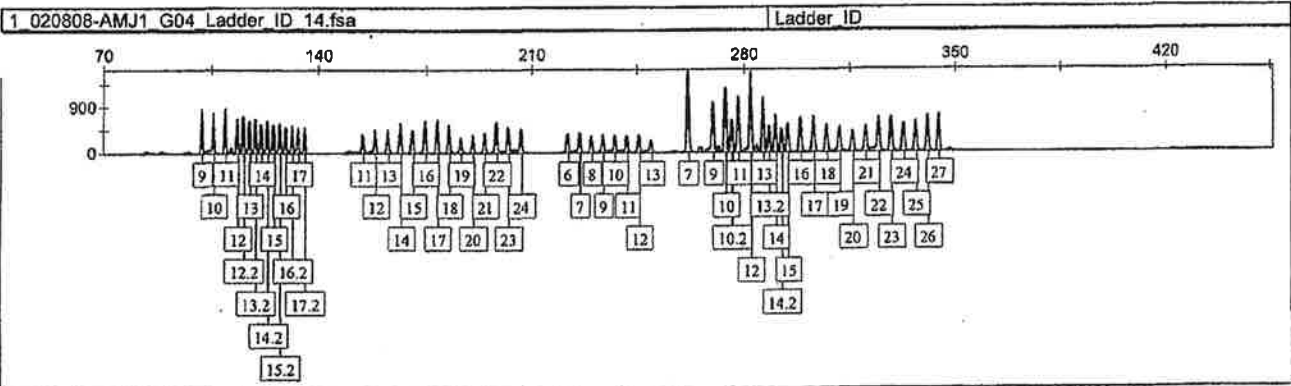
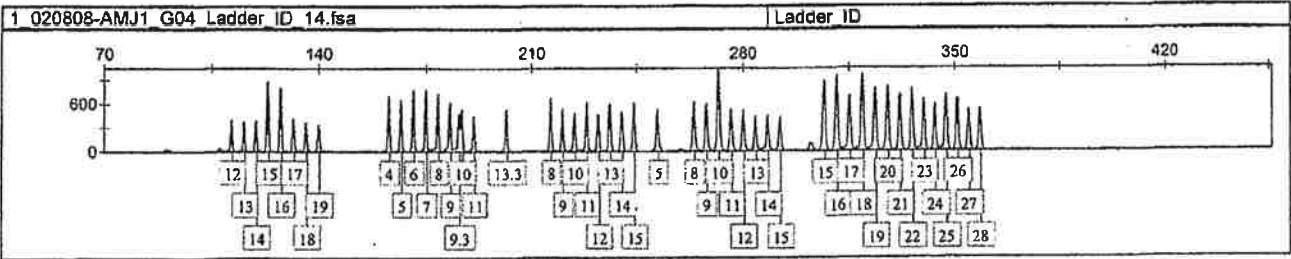
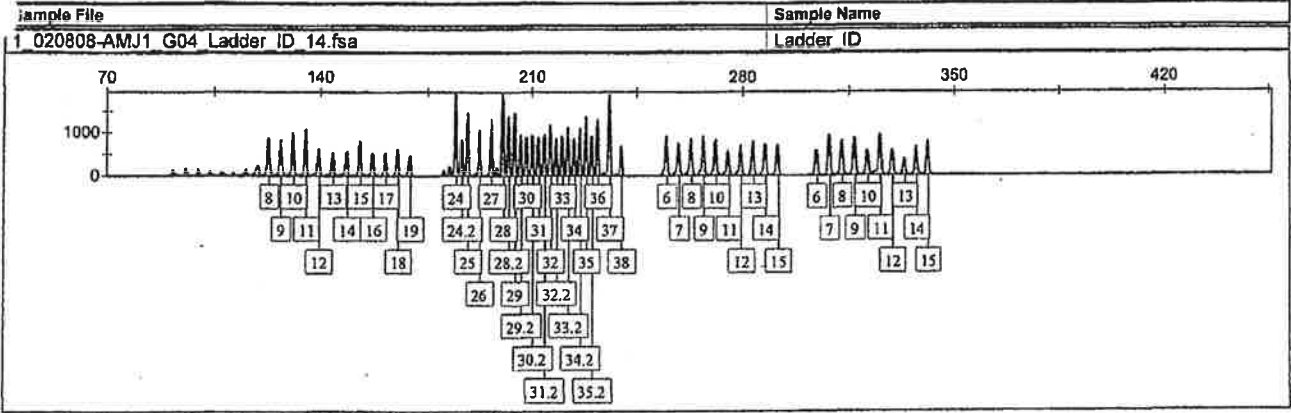


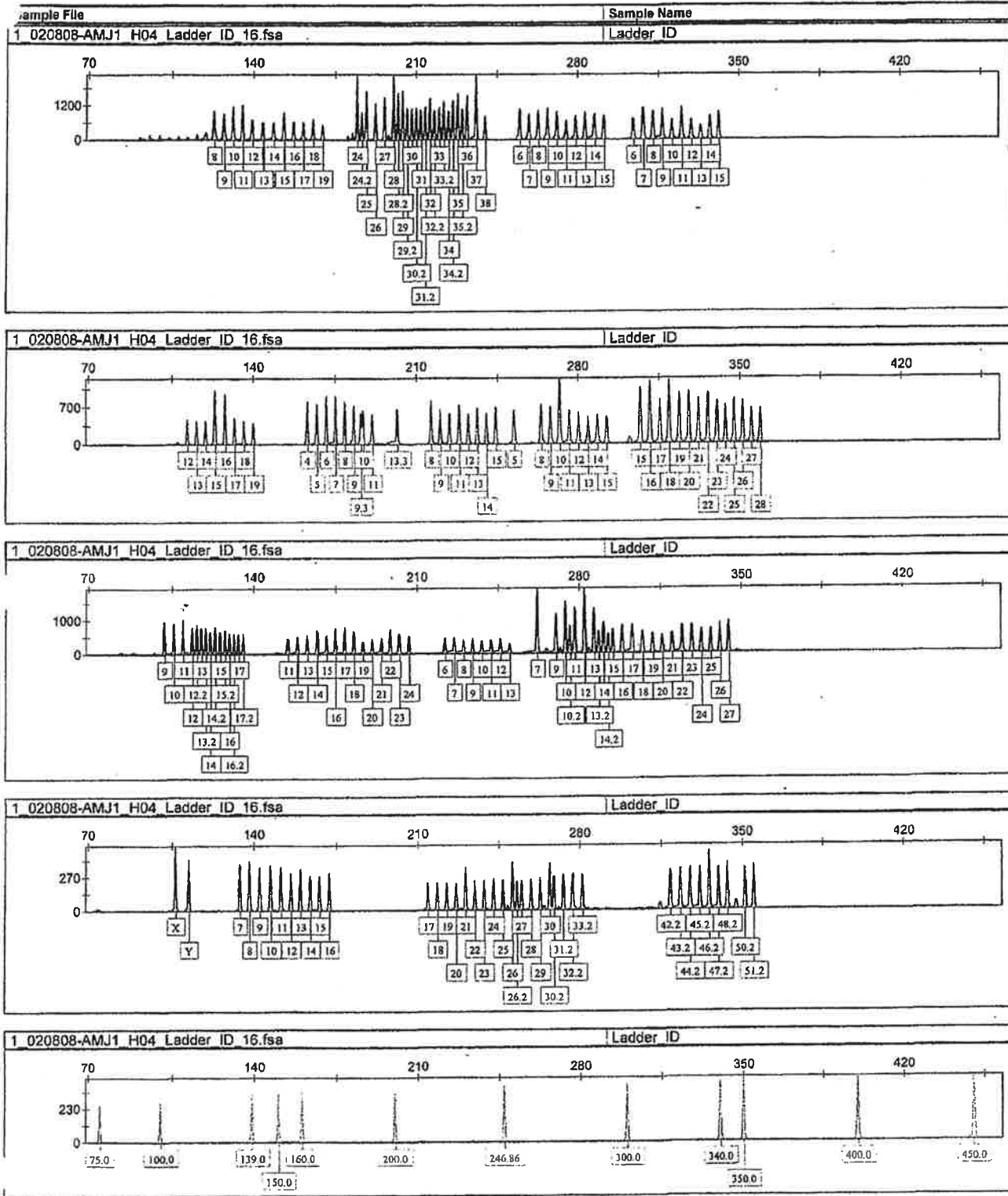


Sample File	Sample Name
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1_020808-AMJ1_G03_Ladder_ID_13.fsa	Ladder_ID
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No Sizing Data: 1_020808-AMJ1_G03_Ladder_ID_13.fsa	
1_020808-AMJ1_G03_Ladder_ID_13.fsa	Ladder_ID
No Sizing Data: 1_020808-AMJ1_G03_Ladder_ID_13.fsa	









CE Set-up Sheet

TRAY ID: 020808-AMJ1 Amp. Tray: 2S05-167 (AMP 17), 2S07-101 (AMP 1), 2S07-055 (AMP 1), 2008-003T (AMP 7 reloads) Analyst: AMJ Date: 02-08-08

	1	2	3	4	5	6	7	8	9	10	11	12
A	2S05-167-13X1.1	2S05-167-13X1.1	2S07-055-08A1-EF.1	2S07-055-08A1-EF.1	2008-003T-POST	2008-003T-POST	Blank	Blank	Blank	Blank	Blank	Blank
B	2S05-167-RB7.1	2S05-167-RB7.1	2S07-055-RB3-EF.1	2S07-055-RB3-EF.1	2008-003T-POST_1_10	2008-003T-POST_1_10	Blank	Blank	Blank	Blank	Blank	Blank
C	2S05-167-POST17	2S05-167-POST17	2S07-055-11X1.1	2S07-055-11X1.1	Blank	Blank	Blank	Blank	Blank	Blank	Blank	Blank
D	2S05-167-NEG17	2S05-167-NEG17	2S07-055-RB4.1	2S07-055-RB4.1	Blank	Blank	Blank	Blank	Blank	Blank	Blank	Blank
E	2S07-101-08X1.1	2S07-101-08X1.1	2S07-055-POST	2S07-055-POST	Blank	Blank	Blank	Blank	Blank	Blank	Blank	Blank
F	2S07-101-RB1.1	2S07-101-RB1.1	2S07-055-NEG1	2S07-055-NEG1	Blank	Blank	Blank	Blank	Blank	Blank	Blank	Blank
G	2S07-101-POST	2S07-101-POST	Ladder_ID	Ladder_ID	Blank	Blank	Blank	Blank	Blank	Blank	Blank	Blank
H	2S07-101-NEG1	2S07-101-NEG1	Ladder_ID	Ladder_ID	Ladder_MF	Ladder_MF	Blank	Blank	Blank	Blank	Blank	Blank

	Vol. (ul)/Well		No. of Rxns		Vol. Total (ul)
Formamide	10.0 ul	x	50	=	500
GS-500LIZ	0.12 ul	x	50	=	6
Master Mix	10.0 ul				
Amp. Product	0.7 ul				

PIPETTORS LOT #S:	
Formamide:	95
ILS:	97
Formamide & ILS Mix:	6AA
Ladders:	6D
Amp Product (3100 tray):	027
Amp Product (if diluted):	97 6D
Diluent (for dilutions):	6EY 97

TE buffer (600E) lot #: 082807LME

Machine:	11
Run #s:	81-83
System:	Identifier/Magnifier
Ladder Lot#:	0507003 / 0705004
Run Module:	Active Run Module
Analysis Module:	75minifu.gsp / 100min.cty.gsp

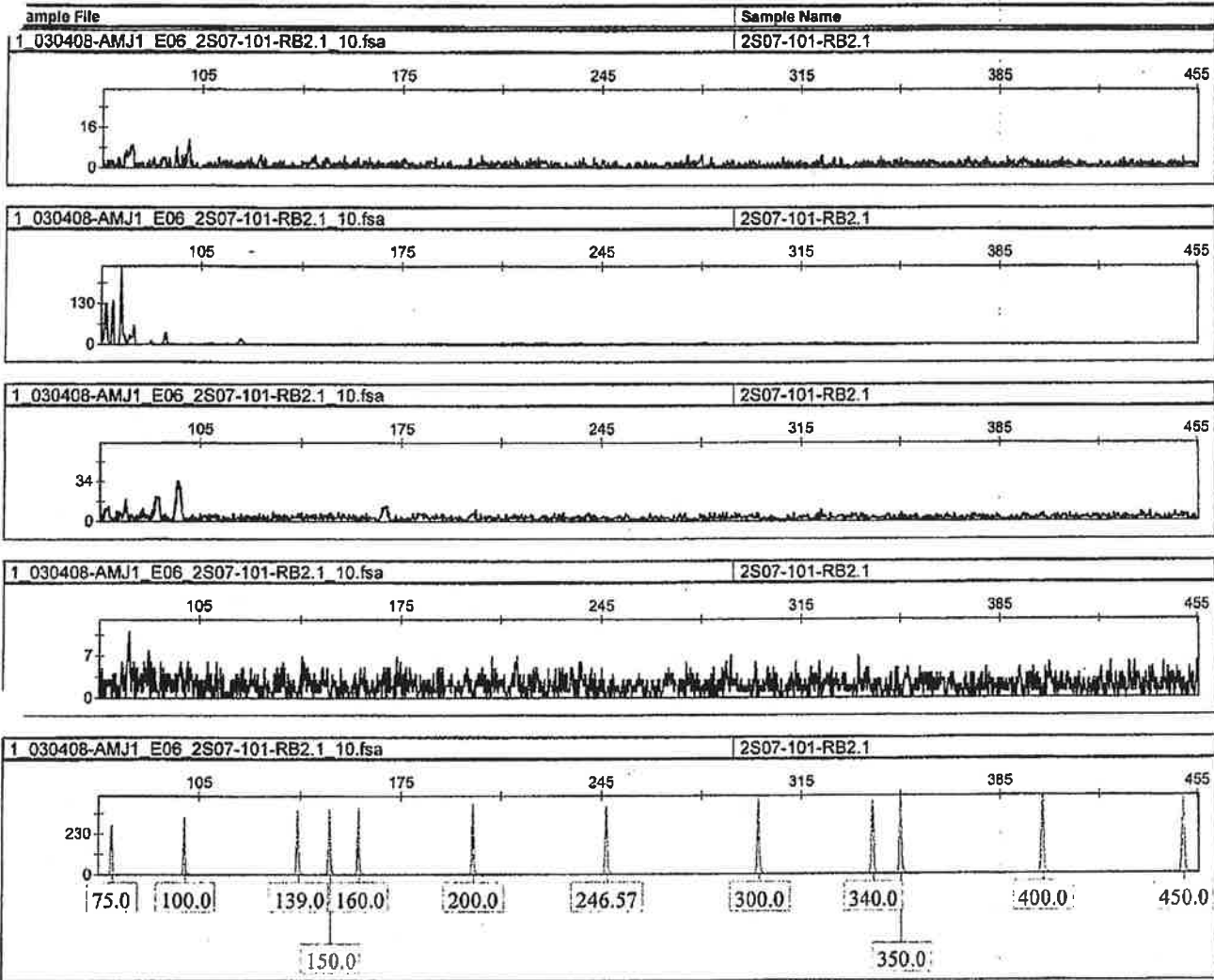
(injection # 83)
AMJ 020808

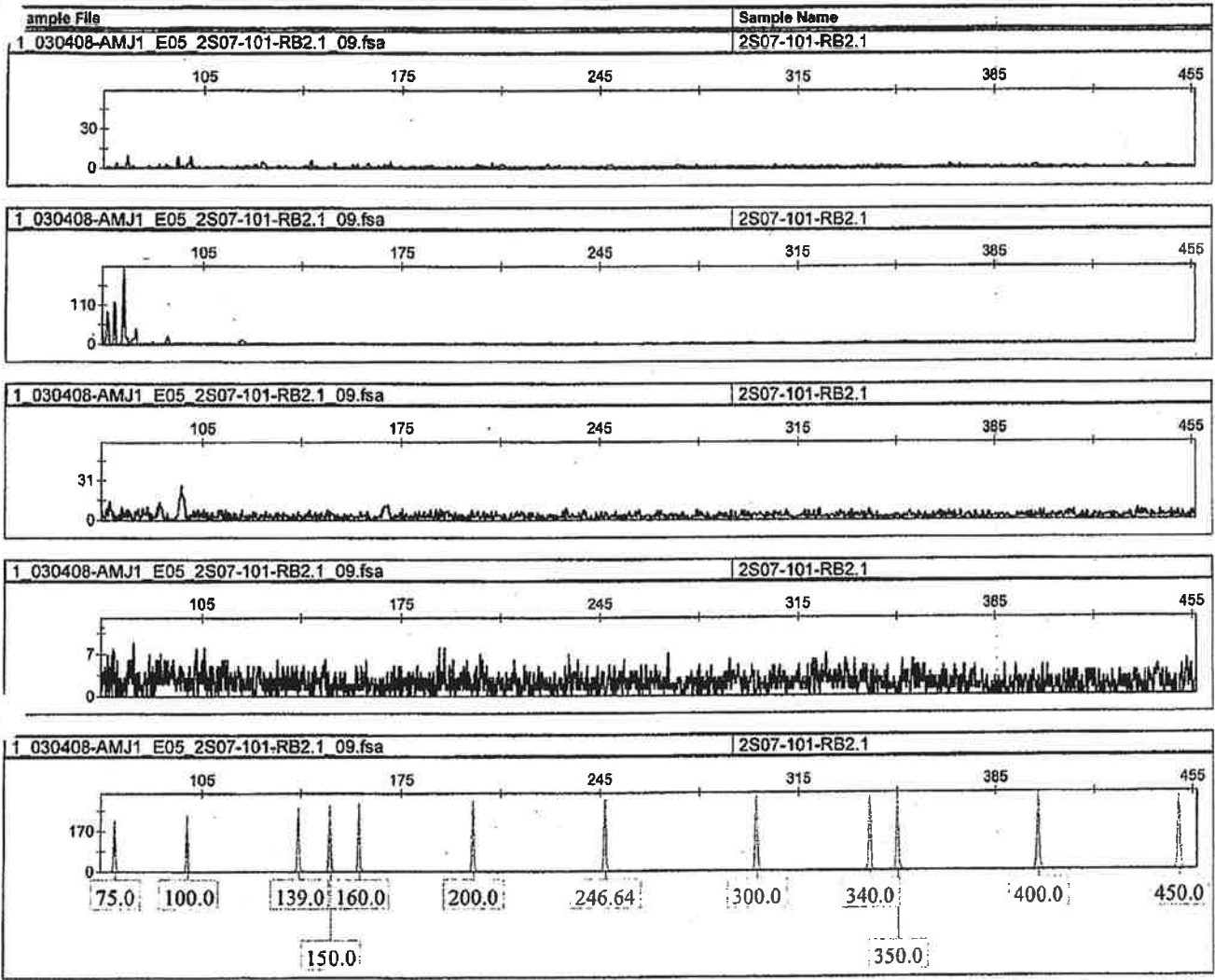
Injected by: CC
Date of Injection: 020808
AMJ 020808

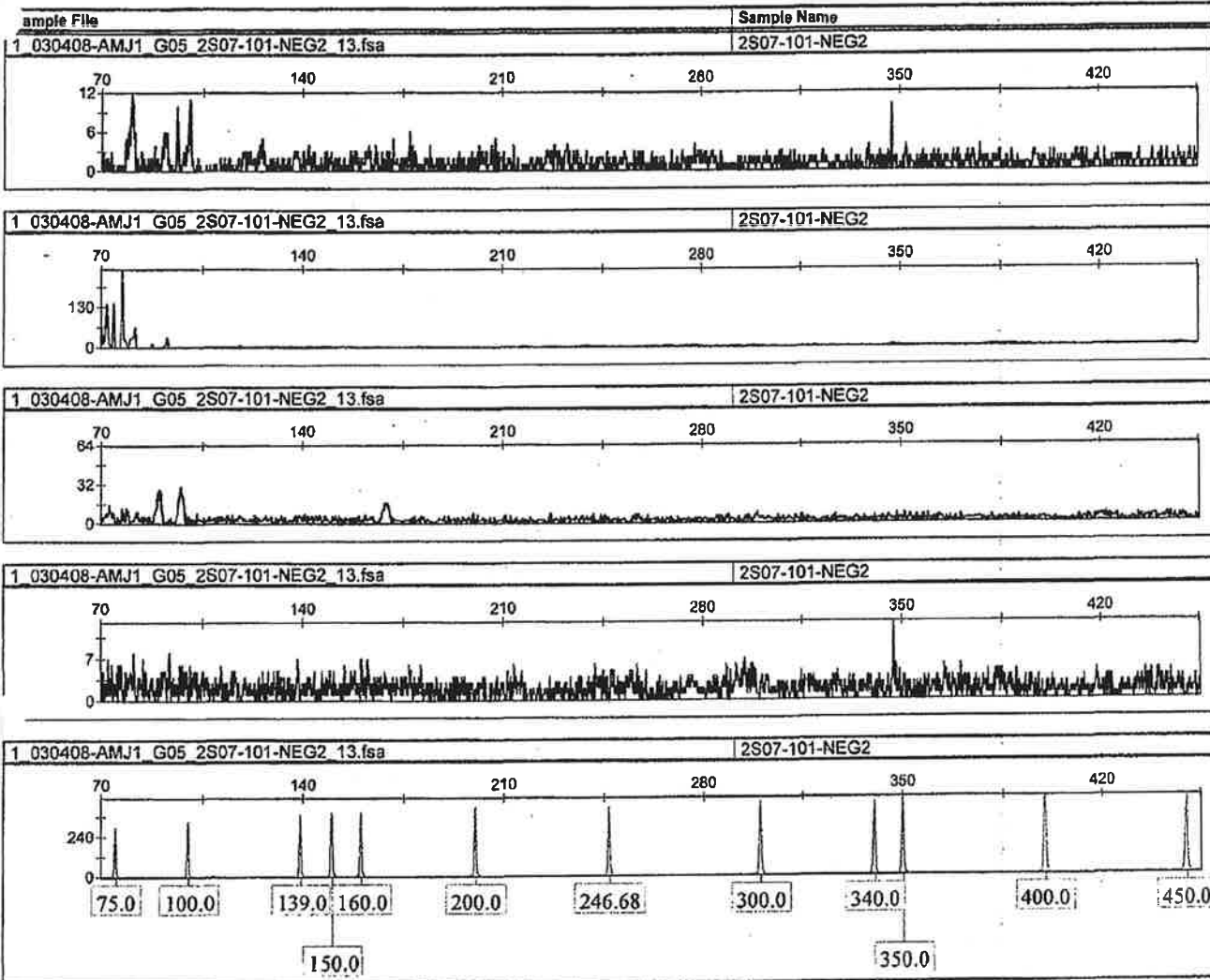
Integrity Report Evaluation	
Integrity Report Evaluation Date:	022808
Analyst:	AMJ

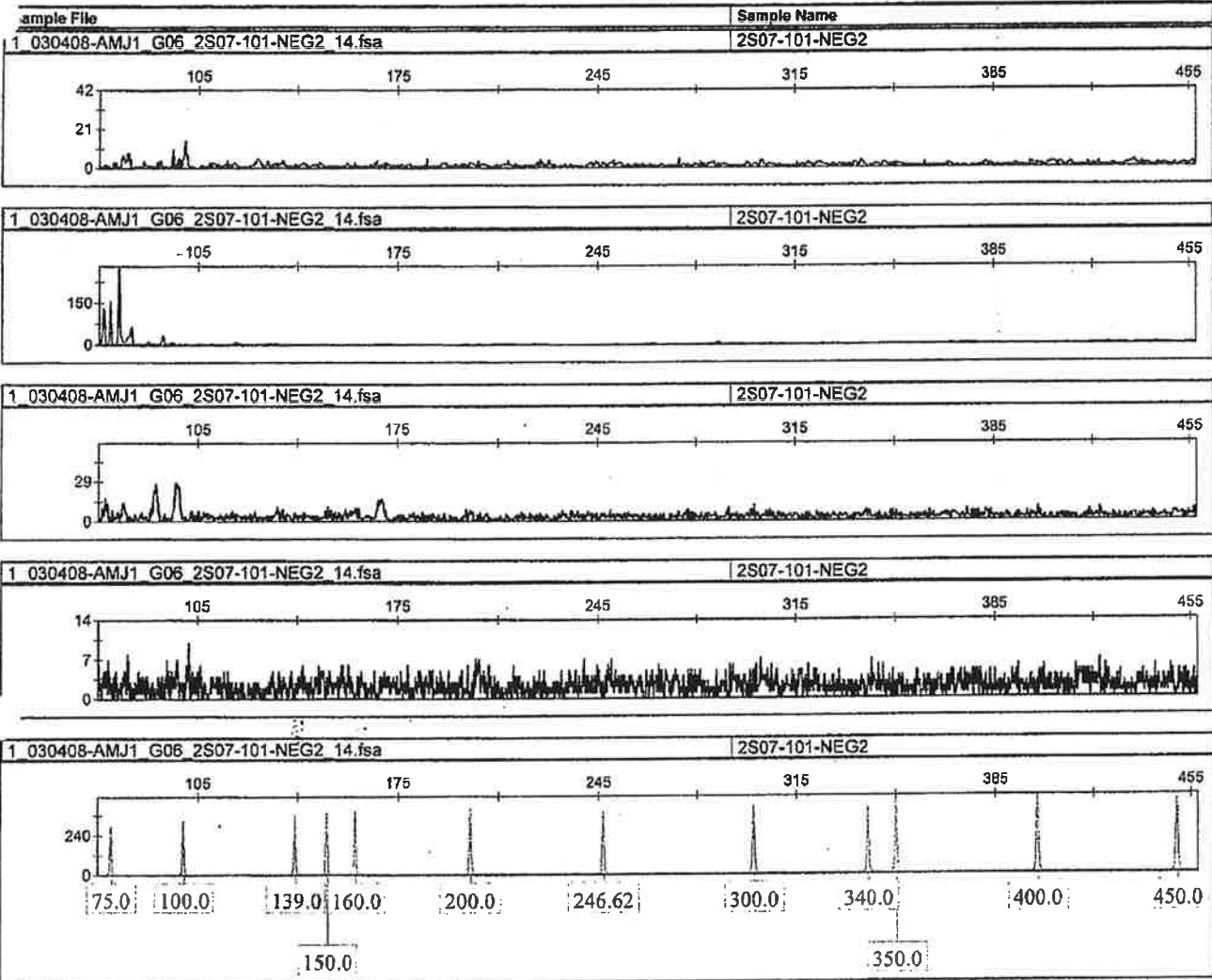
*If possible contamination is detected, provide case notes with details for affected cases.

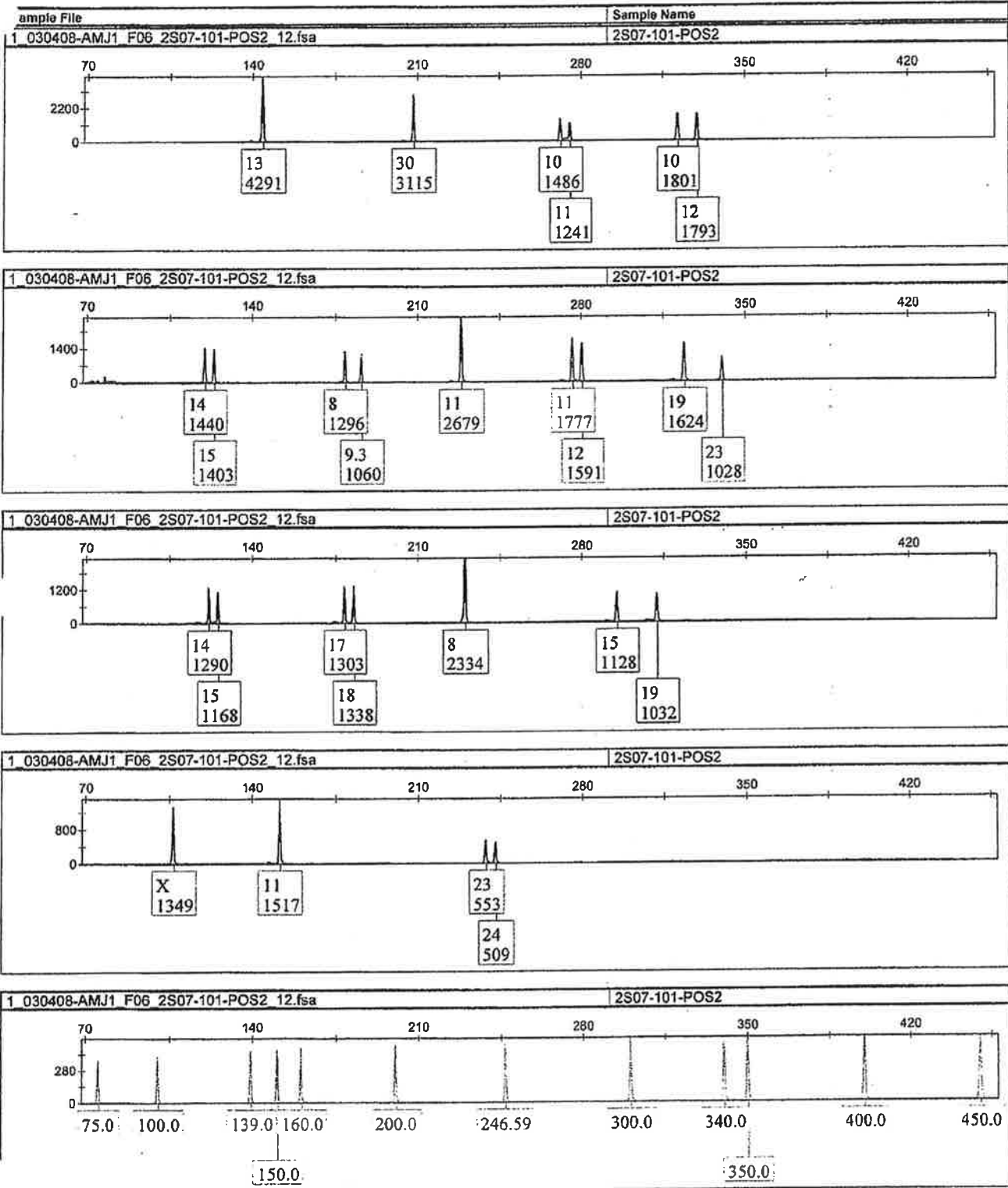
AMJ 032406 31

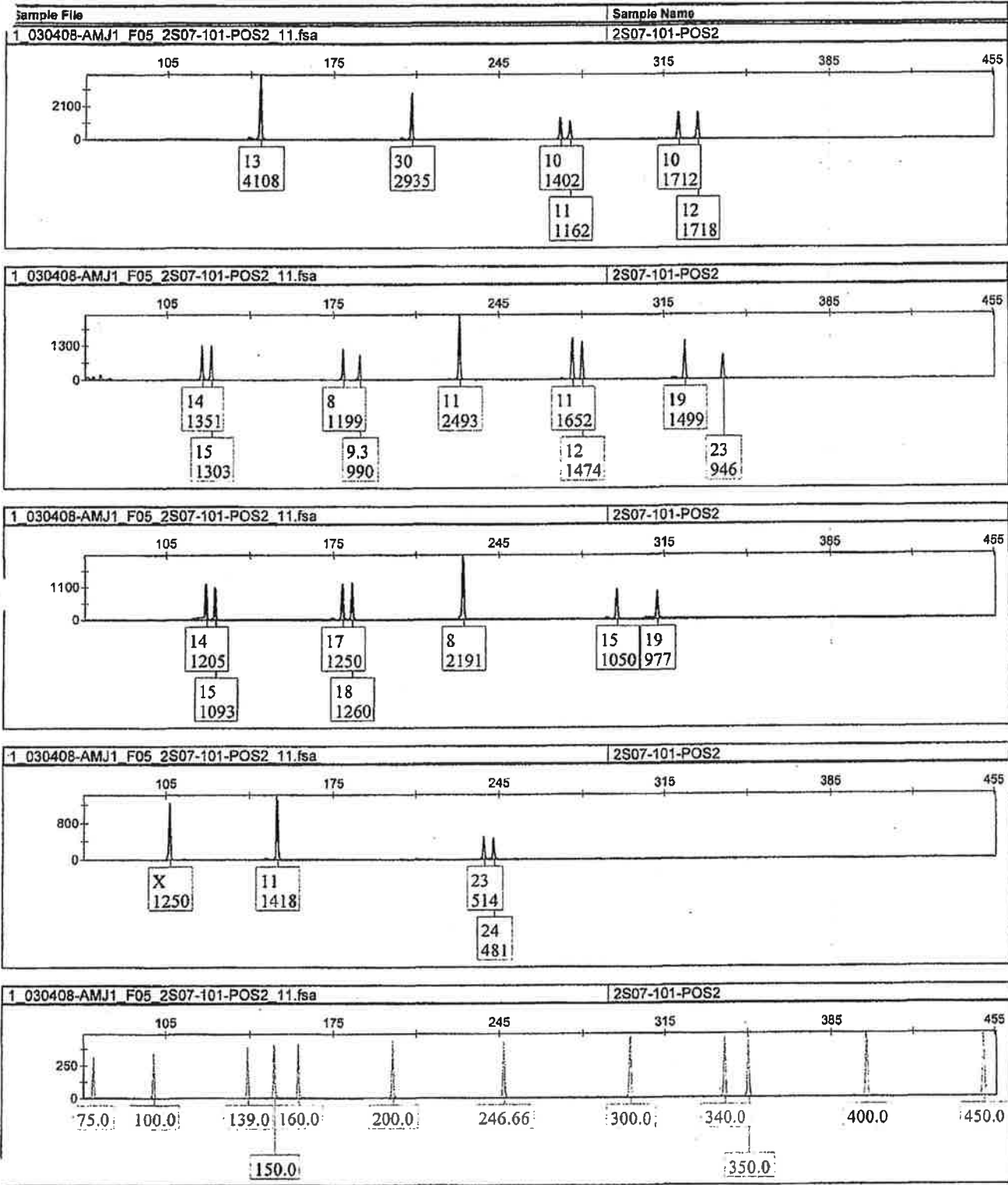


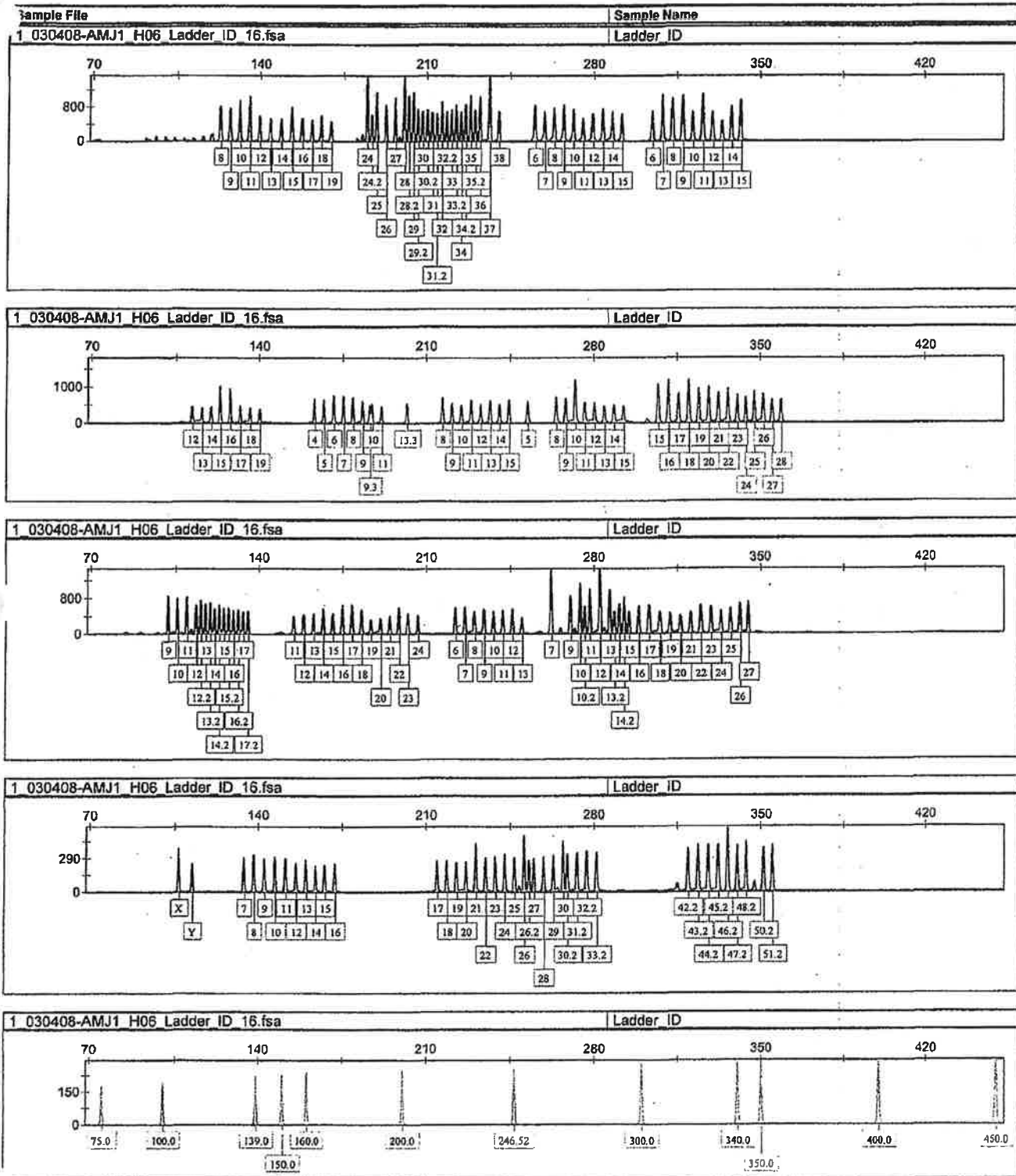


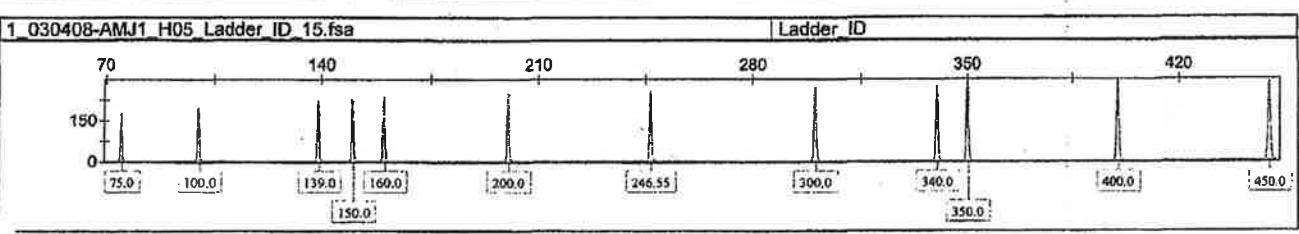
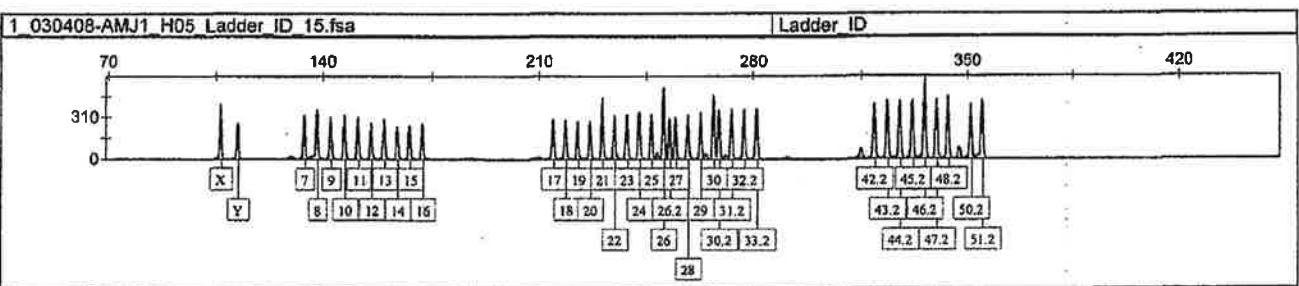
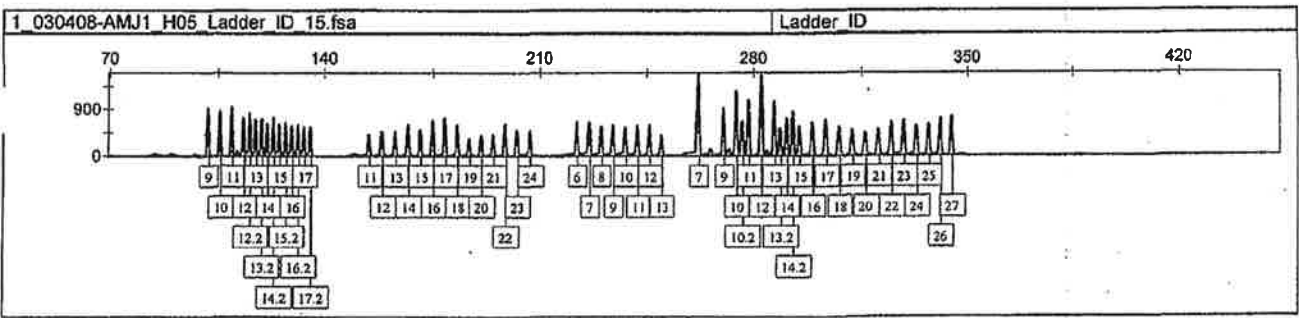
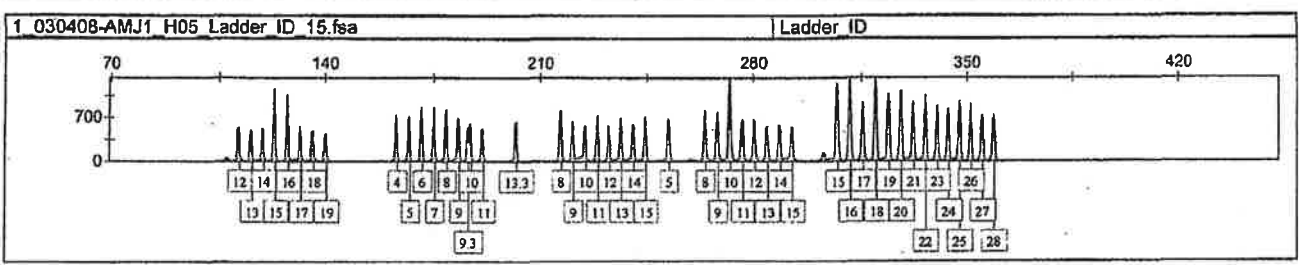
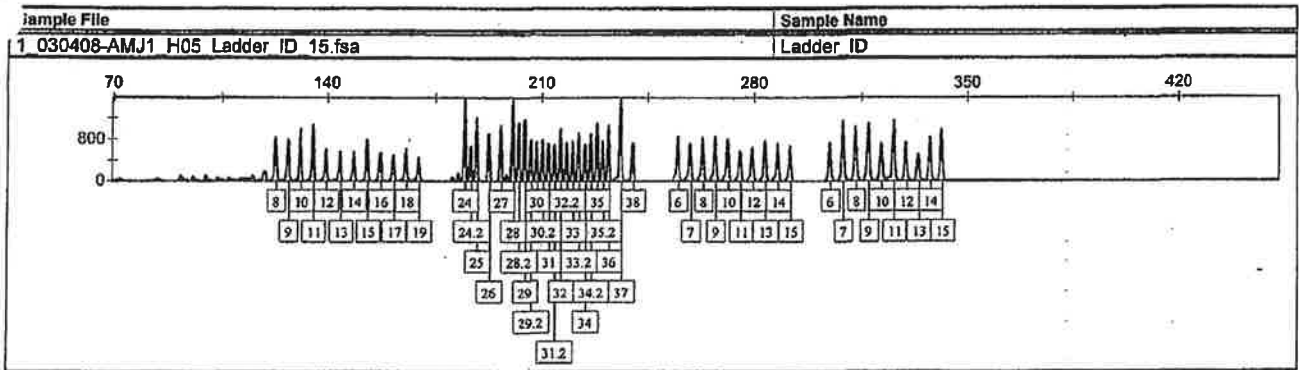












CE GMID Editing Sheet - ID

Tray ID: **030408-NM01**
 Analyst: **NM0**
 GMID Panel: Identifier_v1

Shipment or Case #: **2507-101**
 Date: **030408**

Well	Edit: Locus, Base pair size- reason
B05	FC
B06	FC

Editing Key
20%: 20% filter applied (after confirming no mixtures)
-A: -A/Split peaks
AUT: single allele below minimum threshold
Artifact (non-specific)
Dye artifact
Elevated BL: Labels placed on elevated baseline(s)
FC: Failed capillary
ILS<MIN: ILS below minimum rfu threshold
LOR: Loss of resolution
OL: Off ladder allele
Other: provide explanation in text box (currently using this for FDLE alleles btw. 75-99 rfu)
PU: Pullup
RL: Removed Labels (also record reason)
RFU<MIN: sample rfu below minimum threshold
RFU>MAX: sample rfu above maximum threshold
Shoulder: Shoulder peak
Sizing: incorrect sizing (eg: migration issue)
Spikes
Stutter (n-4 if other record)

9947-Positive Control				
Well Numbers Checked Against Known: F05, F06				
D8S1179: 13,13	D21S11: 30,30	D7S820: 10,11	CSF1PO: 10,12	
D3S1358: 14,15	TH01: 8,9.3	D13S317: 11,11	D16S539: 11,12	D2S1338: 19,23
D19S433: 14,15	vWA: 17,18	TPOX: 8,8	D18S51: 15,19	
AMEL: x, x	D5S818: 12,12	FGA: 23,27		

Document: BT00431 GMID_ID Edits (CW WS)
 Revision: 2
 Effective: Wednesday, January 30, 2008 1:33:47 PM

NM0 030408
 40

CE GMID Editing Sheet - ID

Tray ID: *070408 - AmJ1*
Analyst: *UM*
GMID Panel: Identifier_v1

Shipment or Case #: *2507-101*
Date: *3/5/08*

Well	Edit: Locus, Base pair size- reason
<i>B5</i>	<i>FC</i>
<i>B6</i>	<i>FC</i>

Editing Key
20%: 20% filter applied (after confirming no mixtures)
-A: -A/Split peaks
AUT: single allele below minimum threshold
Artifact (non-specific)
Dye artifact
Elevated BL: Labels placed on elevated baseline(s)
FC: Failed capillary
ILS<MIN: ILS below minimum rfu threshold
LOR: Loss of resolution
OL: Off ladder allele
Other: provide explanation in text box (currently using this for FDLE alleles btw. 75-99 rfu)
PU: Pullup
RL: Removed Labels (also record reason)
RFU<MIN: sample rfu below minimum threshold
RFU>MAX: sample rfu above maximum threshold
Shoulder: Shoulder peak
Sizing: incorrect sizing (eg: migration issue)
Spikes
Stutter (n-4 if other record)

9947-Positive Control				
Well Numbers Checked Against Known: <i>F5 FB</i>				
D8S1179: <i>13,13</i>	D21S11: <i>30,30</i>	D7S820: <i>10,11</i>	CSF1PO: <i>10,12</i>	
D3S1358: <i>14,15</i>	TH01: <i>9,9.3</i>	D13S317: <i>11,11</i>	D16S539: <i>11,12</i>	D2S1338: <i>19,23</i>
D19S433: <i>14,15</i>	vWA: <i>17,19</i>	TPOX: <i>9,9</i>	D18S51: <i>15,19</i>	
AMEL: <i>X,Y</i>	D5S818: <i>4,11</i>	FGA: <i>23,24</i>		

Document: BT00431 GMID_ID Edits (CW WS)
Revision: 2
Effective: Wednesday, January 30, 2008 1:33:47 PM

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UM 3/5/08

CE Set-up Sheet

TRAY ID: 030408-AMJ1 Amp. Tray: 2S04-114 (AMP 15 and 16), 2S07-101 (AMP 2) Analyst: AMJ Date: 03-04-08

	1	2	3	4	5	6	7	8	9	10	11	12
A	2S04-114-10E2-SF.1	2S04-114-10E2-SF.1	2S04-114-10E2-SF.2	2S04-114-10E2-SF.2	2S07-101-05A1.1	2S07-101-05A1.1	Blank	Blank	Blank	Blank	Blank	Blank
B	2S04-114-RB19-SF.1	2S04-114-RB19-SF.1	2S04-114-RB19-SF.2	2S04-114-RB19-SF.2	2S07-101-05B1.1	2S07-101-05B1.1	Blank	Blank	Blank	Blank	Blank	Blank
C	2S04-114-10E2-EF.1	2S04-114-10E2-EF.1	2S04-114-10E2-EF.2	2S04-114-10E2-EF.2	2S07-101-05C1.1	2S07-101-05C1.1	Blank	Blank	Blank	Blank	Blank	Blank
D	2S04-114-RB19-EF.1	2S04-114-RB19-EF.1	2S04-114-RB19-EF.2	2S04-114-RB19-EF.2	2S07-101-05D1.1	2S07-101-05D1.1	Blank	Blank	Blank	Blank	Blank	Blank
E	2S04-114-POS15	2S04-114-POS15	2S04-114-POS16	2S04-114-POS16	2S07-101-RB2.1	2S07-101-RB2.1	Blank	Blank	Blank	Blank	Blank	Blank
F	2S04-114-NEG16	2S04-114-NEG16	2S04-114-NEG16	2S04-114-NEG16	2S07-101-POS2	2S07-101-POS2	Blank	Blank	Blank	Blank	Blank	Blank
G	Blank	Blank	Blank	Blank	2S07-101-NEG2	2S07-101-NEG2	Blank	Blank	Blank	Blank	Blank	Blank
H	Ladder_ID	Ladder_ID	Ladder_MF	Ladder_MF	Ladder_ID	Ladder_ID	Blank	Blank	Blank	Blank	Blank	Blank

	Vol. (ul)/Well		No. of Rxns		Vol. Total (ul)
Formamide Lot# <u>0708626</u>	10.0 ul	x	50	=	500
GS-500LIZ Lot# <u>0708074</u>	0.12 ul	x	50	=	6
Master Mix	10.0 ul				
Amp. Product	0.7ul	+			

PIPETTORS LOT #S:	
Formamide:	<u>95</u>
ILS:	<u>77</u>
Formamide & ILS Mix:	<u>6AA</u>
Ladders:	<u>60</u>
Amp Product (3100 tray):	<u>027</u>
Amp Product (if diluted):	<u>-</u>
Diluent (for dilutions):	<u>-</u>

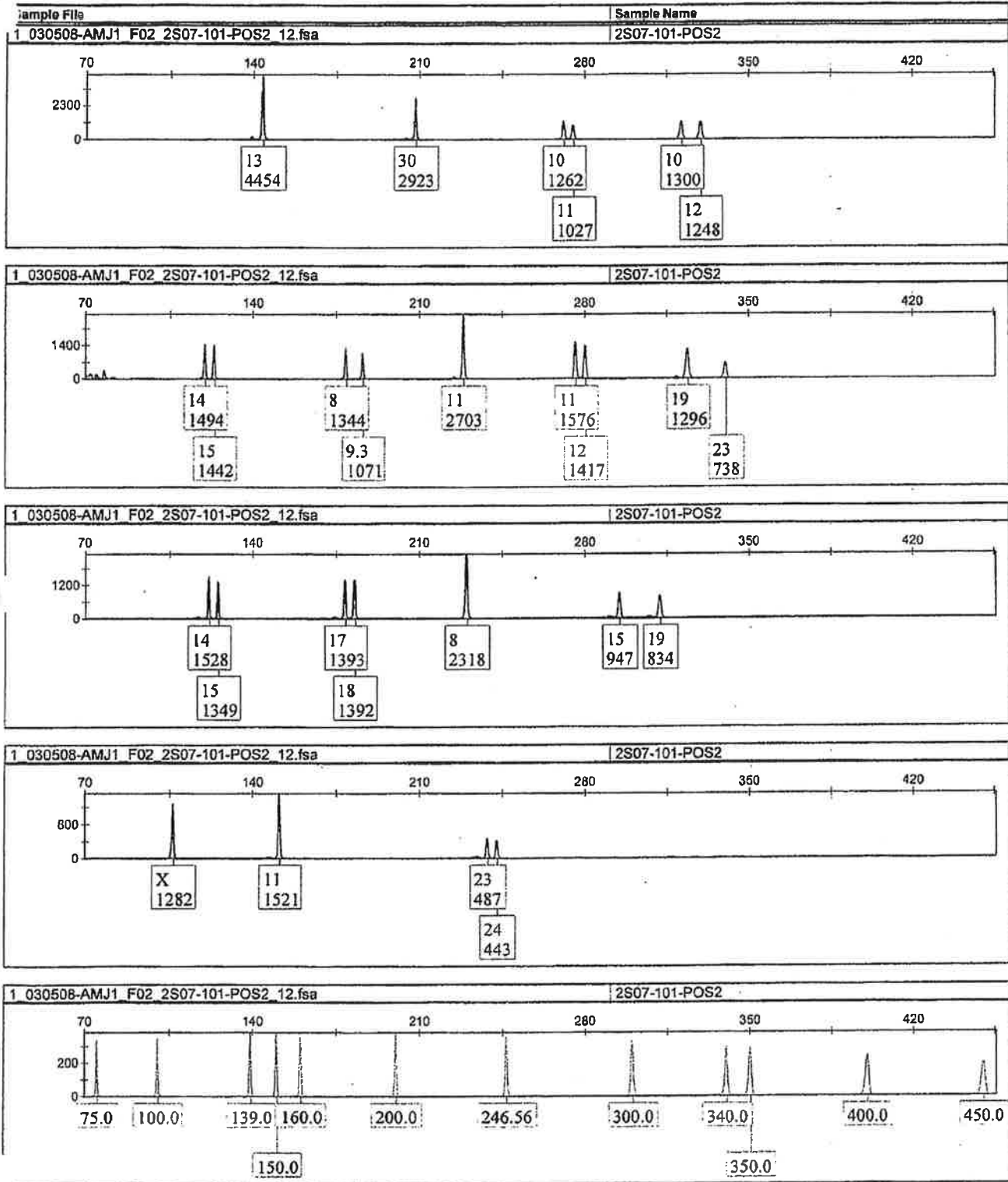
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Run #s:	<u>50-51 13-15</u>
System:	<u>Identifiler / Minifiler</u>
Ladder Lot#:	<u>0611008 / 0705004</u>
Run Module:	<u>Active Run Module</u>
Analysis Module:	<u>75minrfu.gsp</u>

Injected by: CC
Date of Injection: 030408

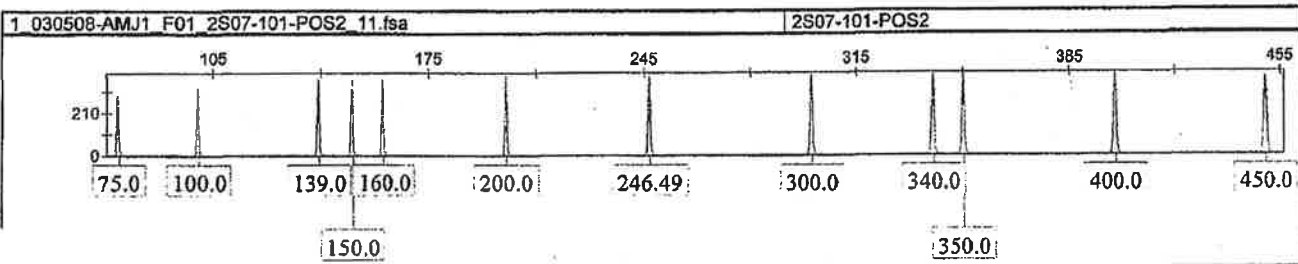
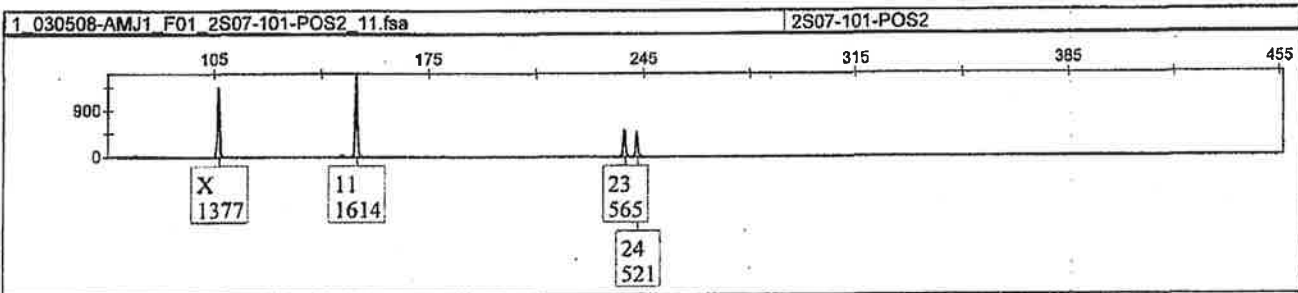
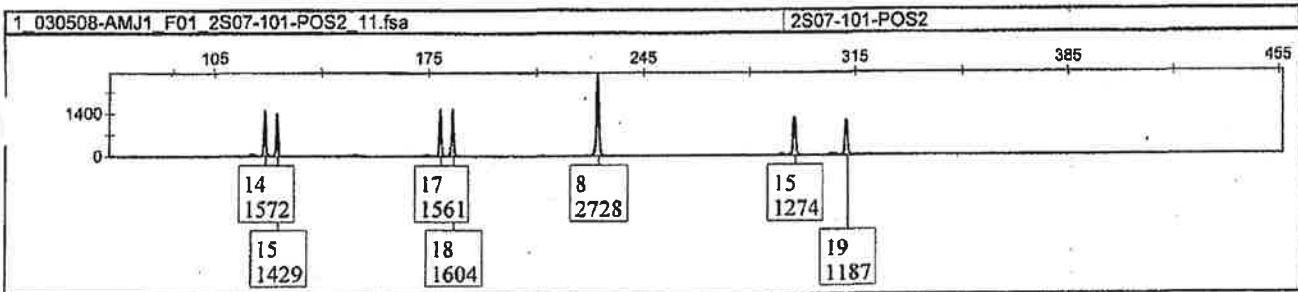
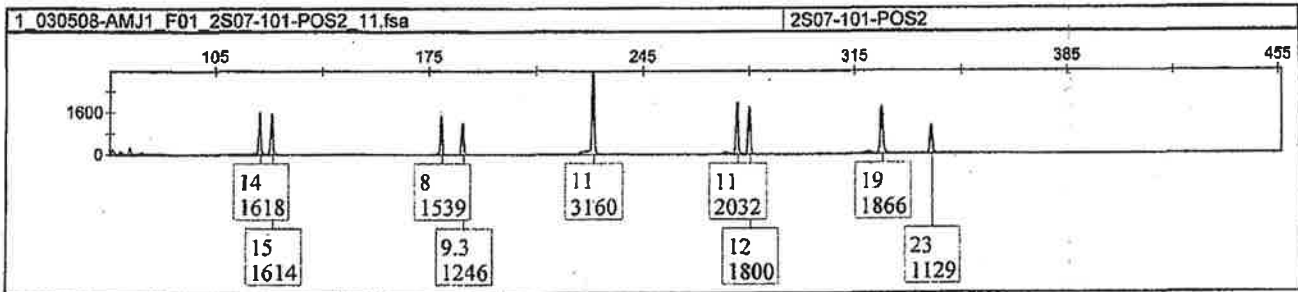
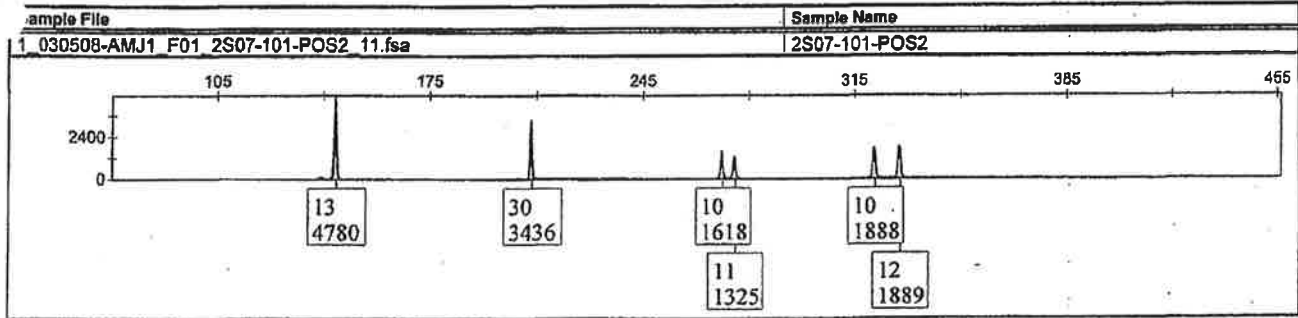
Integrity Report Evaluation	
Integrity Report Evaluation Date:	<u>032008</u>
Analyst:	<u>AMJ</u>

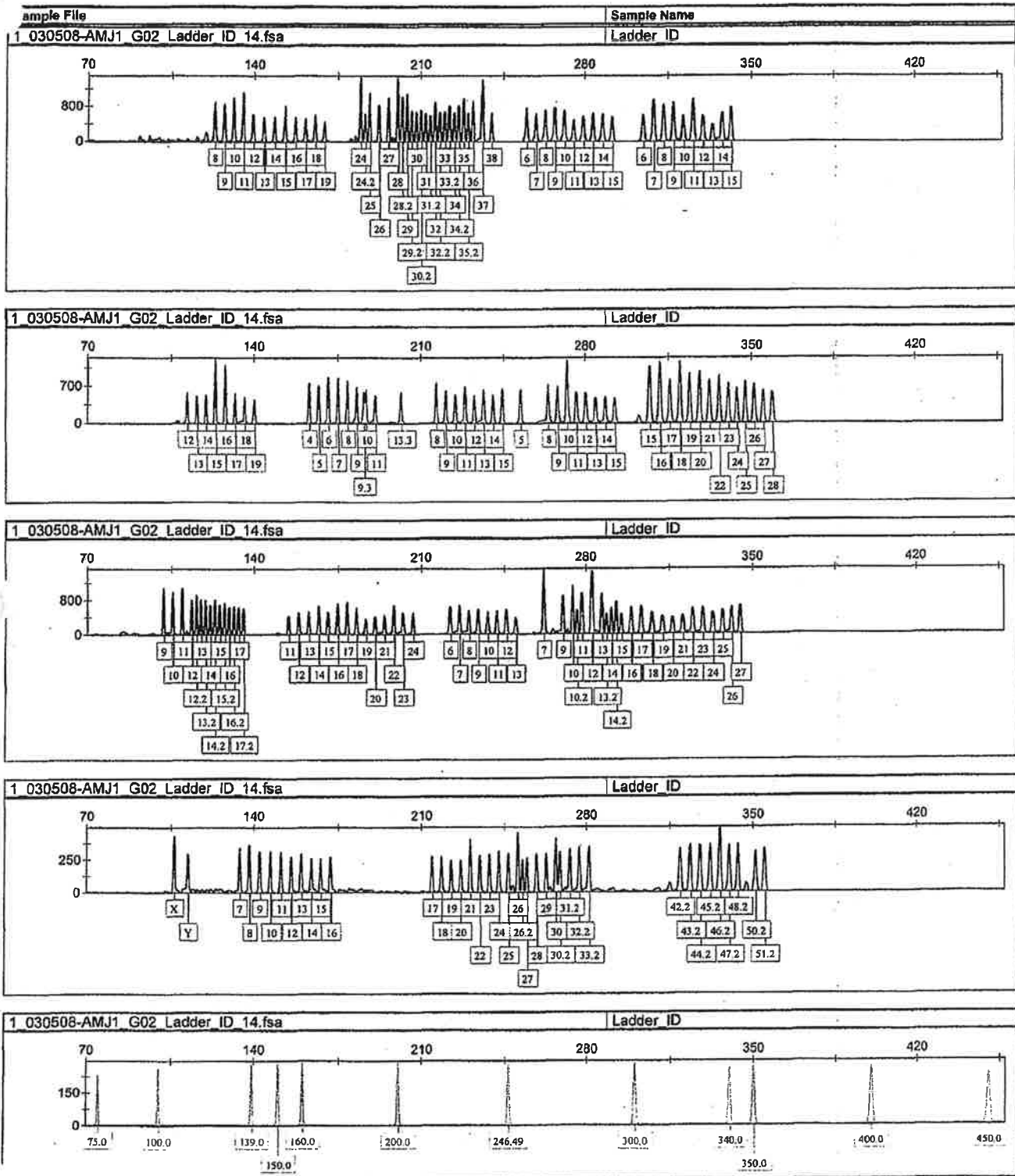
If possible contamination is detected, provide case notes with details for affected cases

804069 CWJ
42

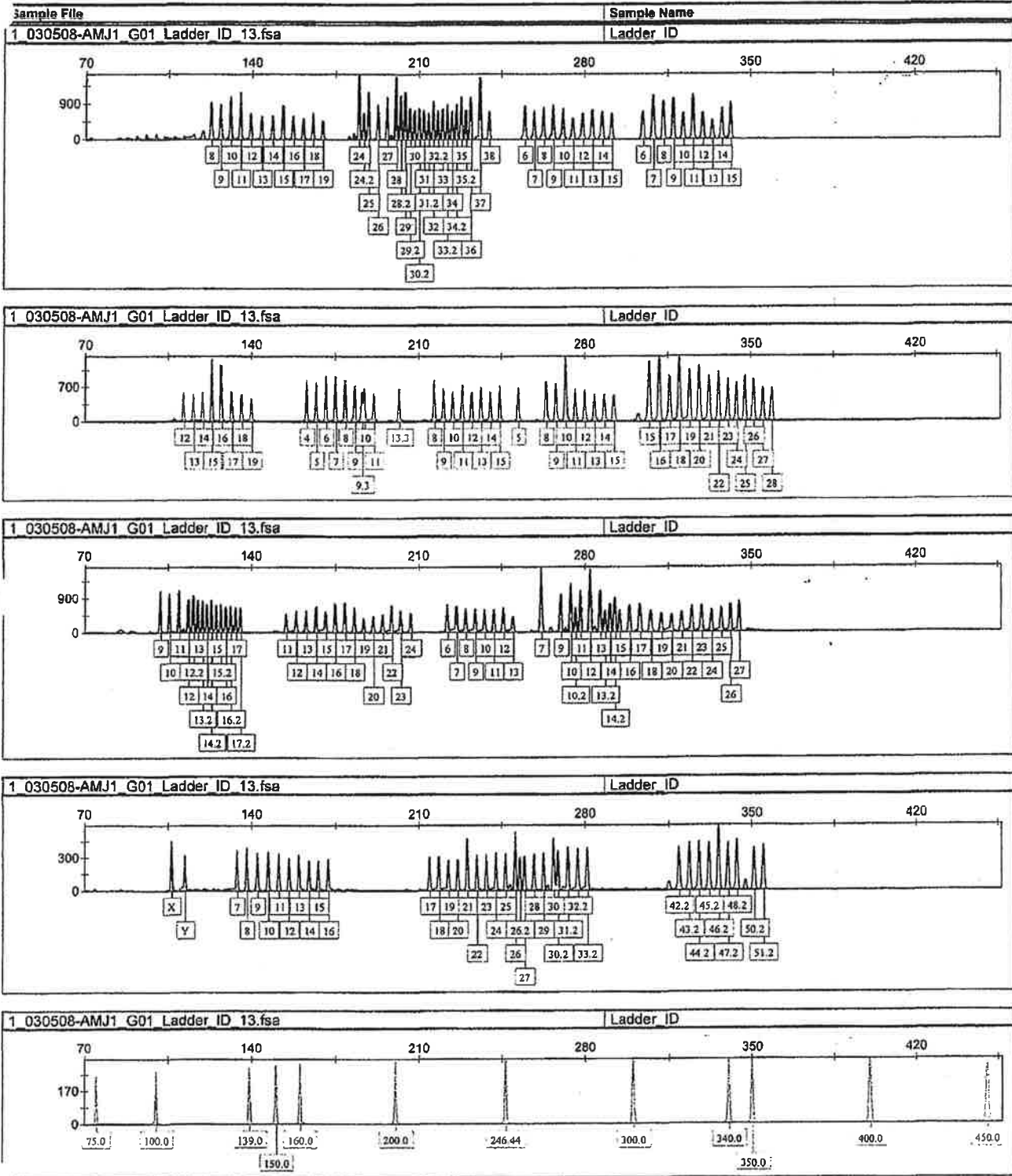


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CE GMID Editing Sheet - ID

Tray ID: 030576-AMJ1
 Analyst: UAC
 GMID Panel: Identifier_v1

Shipment or Case #: 2507-101
 Date: 3/5/08

Well	Edit: Locus, Base pair size- reason
	NO EDITS

Editing Key
20%: 20% filter applied (after confirming no mixtures)
-A: -A/Split peaks
AUT: single allele below minimum threshold
Artifact (non-specific)
Dye artifact
Elevated BL: Labels placed on elevated baseline(s)
FC: Failed capillary
ILS<MIN: ILS below minimum rfu threshold
LOR: Loss of resolution
OL: Off ladder allele
Other: provide explanation in text box (currently using this for FDLE alleles btw. 75-99 rfu)
PU: Pullup
RL: Removed Labels (also record reason)
RFU<MIN: sample rfu below minimum threshold
RFU>MAX: sample rfu above maximum threshold
Shoulder: Shoulder peak
Sizing: incorrect sizing (eg. migration issue)
Spikes
Stutter (n-4 if other record)

9947-Positive Control					
Well Numbers Checked Against Known: F1, F2					
D8S1179: 13,15	D21S11: 30,30	D7S820: 10,11	CSF1PO: 10,12		
D3S1358: 14,15	TH01: 9,9.3	D13S317: 11,11	D16S539: 11,12	D2S1338: 19,23	
D19S433: 14,15	vWA: 12,16	TPOX: 9,9	D18S51: 15,19		
AMEL: XX	D5S818: 11,11	FGA: 23,24			

Document: BT00431 GMID_ID Edits (CW WS)
 Revision: 2
 Effective: Wednesday, January 30, 2008 1:33:47 PM

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 UAC 3/5/08

CE Set-up Sheet

TRAY ID: 030508-AMJ1 Amp. Tray: 2S04-114 (AMP 15 and 16 reloads), 2S07-101 (AMP 2 reloads) Analyst: AMJ Date: 03-05-08

	1	2	3	4	5	6	7	8	9	10	11	12
A	2S04-114-RB19-SF.1	2S04-114-RB19-SF.1	Blank	Blank	Blank	Blank	Blank	Blank	Blank	Blank	Blank	Blank
B	2S04-114-POS15	2S04-114-POS15	Blank	Blank	Blank	Blank	Blank	Blank	Blank	Blank	Blank	Blank
C	2S04-114-RB19-SF.2	2S04-114-RB19-SF.2	Blank	Blank	Blank	Blank	Blank	Blank	Blank	Blank	Blank	Blank
D	2S04-114-POS16	2S04-114-POS16	Blank	Blank	Blank	Blank	Blank	Blank	Blank	Blank	Blank	Blank
E	2S07-101-Q5B1.1	2S07-101-Q5B1.1	Blank	Blank	Blank	Blank	Blank	Blank	Blank	Blank	Blank	Blank
F	2S07-101-POS2	2S07-101-POS2	Blank	Blank	Blank	Blank	Blank	Blank	Blank	Blank	Blank	Blank
G	Ladder_ID	Ladder_ID	Blank	Blank	Blank	Blank	Blank	Blank	Blank	Blank	Blank	Blank
H	Ladder_MF	Ladder_MF	Blank	Blank	Blank	Blank	Blank	Blank	Blank	Blank	Blank	Blank

	Vol.(ul)/Well		No. of Rxns	=	Vol. Total (ul)
Formamide Lot# <u>0709630</u>	10.0 ul	x	18	=	180
GS-500LZ Lot# <u>0708074</u>	0.12 ul	x	18	=	2.16
Master Mix	10.0 ul				
Amp. Product	0.7ul				

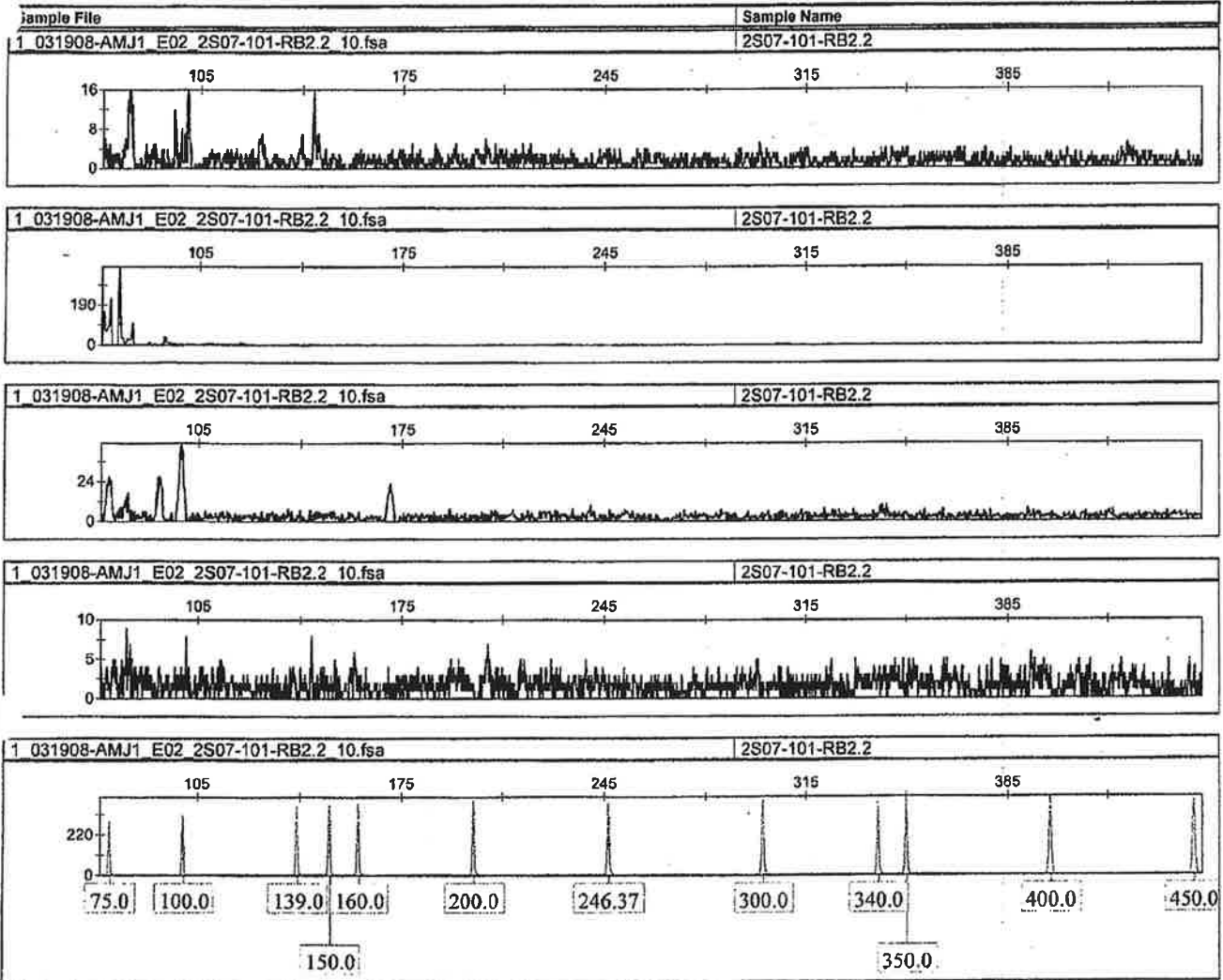
PIPETTORS LOT #S:	
Formamide:	<u>9S</u>
ILS:	<u>9T</u>
Formamide & ILS Mix:	<u>9T</u>
Ladders:	<u>9E</u>
Amp Product (3100 tray):	<u>9F</u>
Amp Product (if diluted):	<u>---</u>
Diluent (for dilutions):	<u>---</u>

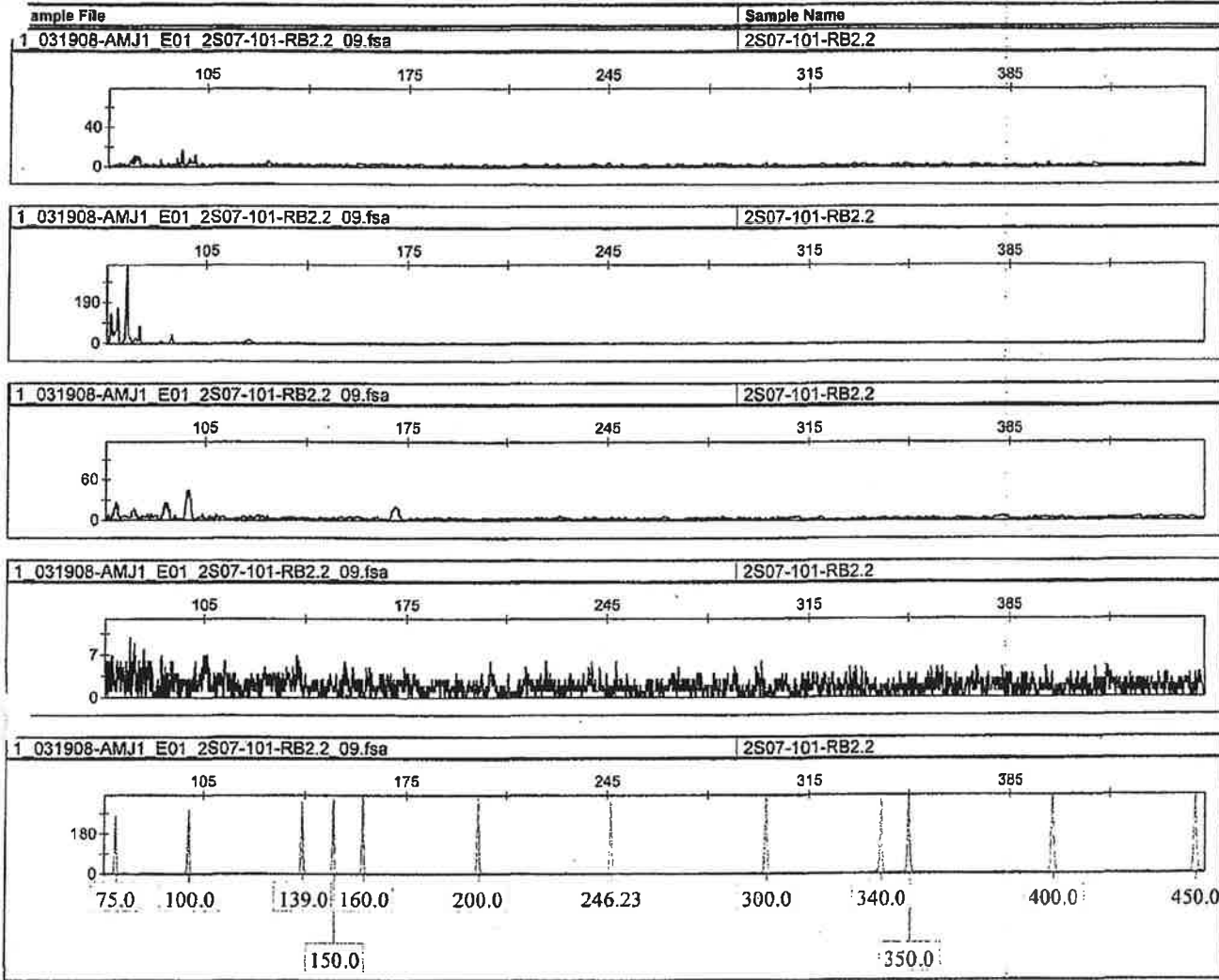
Machine:	<u>10</u>
Run #s:	<u>73</u>
System:	Identifiler / <u>Minifiler</u>
Ladder Lot#:	<u>0611008 / 0705004</u>
Run Module:	Active Run Module
Analysis Module:	75minrfu.gsp

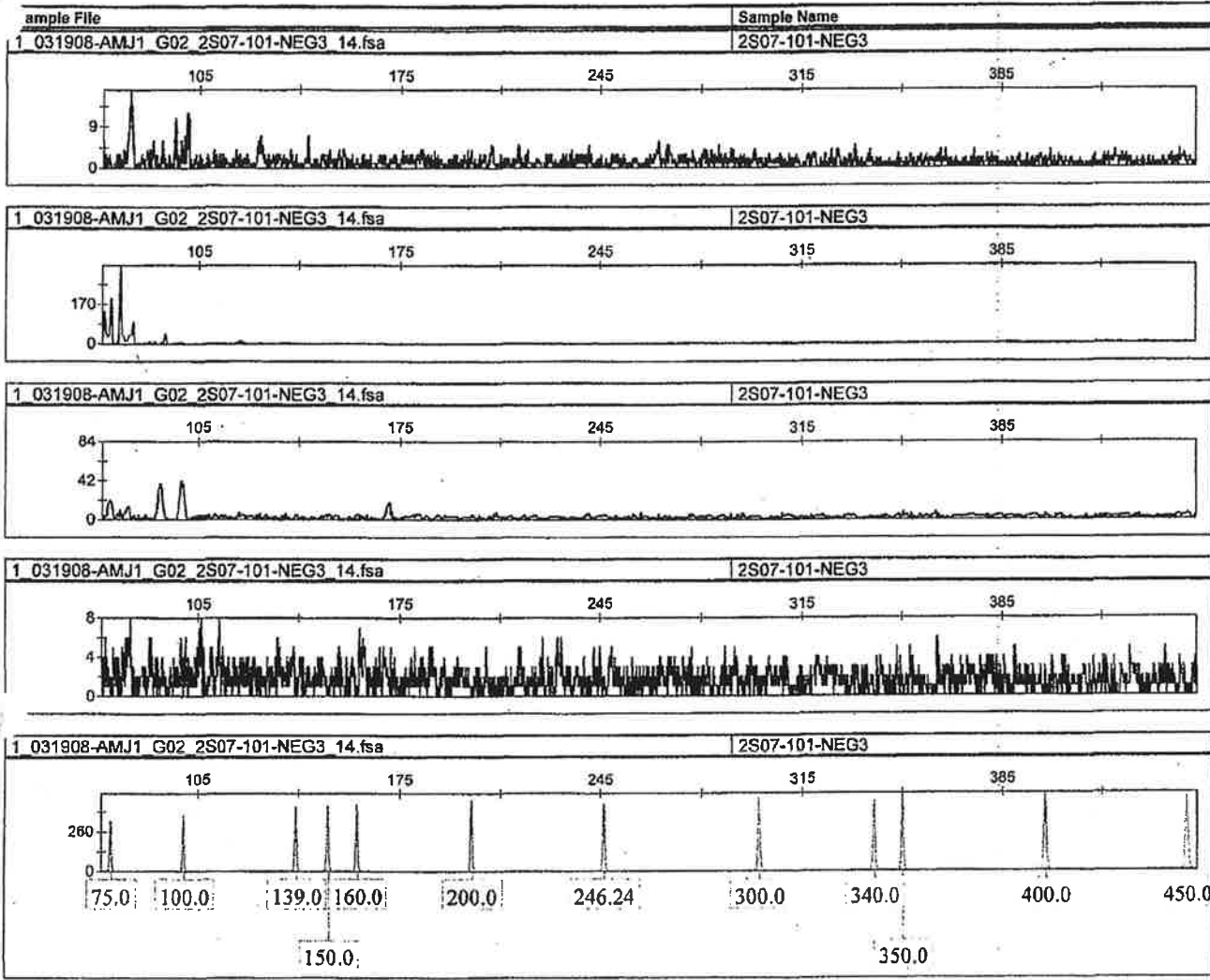
AMJ030508
 Injected by: AMJ CC
 Date of Injection: 030508

Integrity Report Evaluation	
Integrity Report Evaluation Date*:	<u>AMJ 030508</u>
Analyst:	

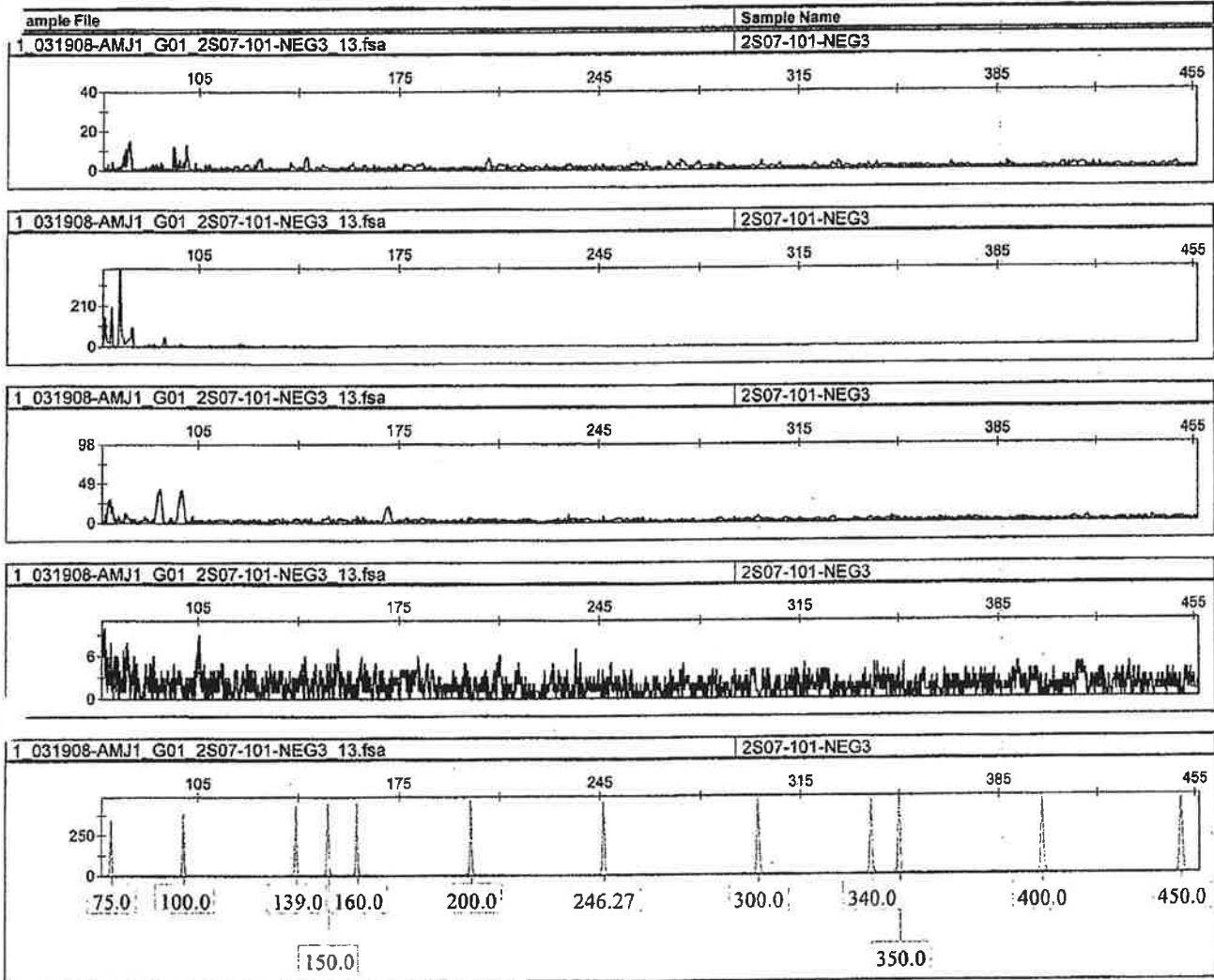
*If possible contamination is detected, provide case notes with details for affected cases

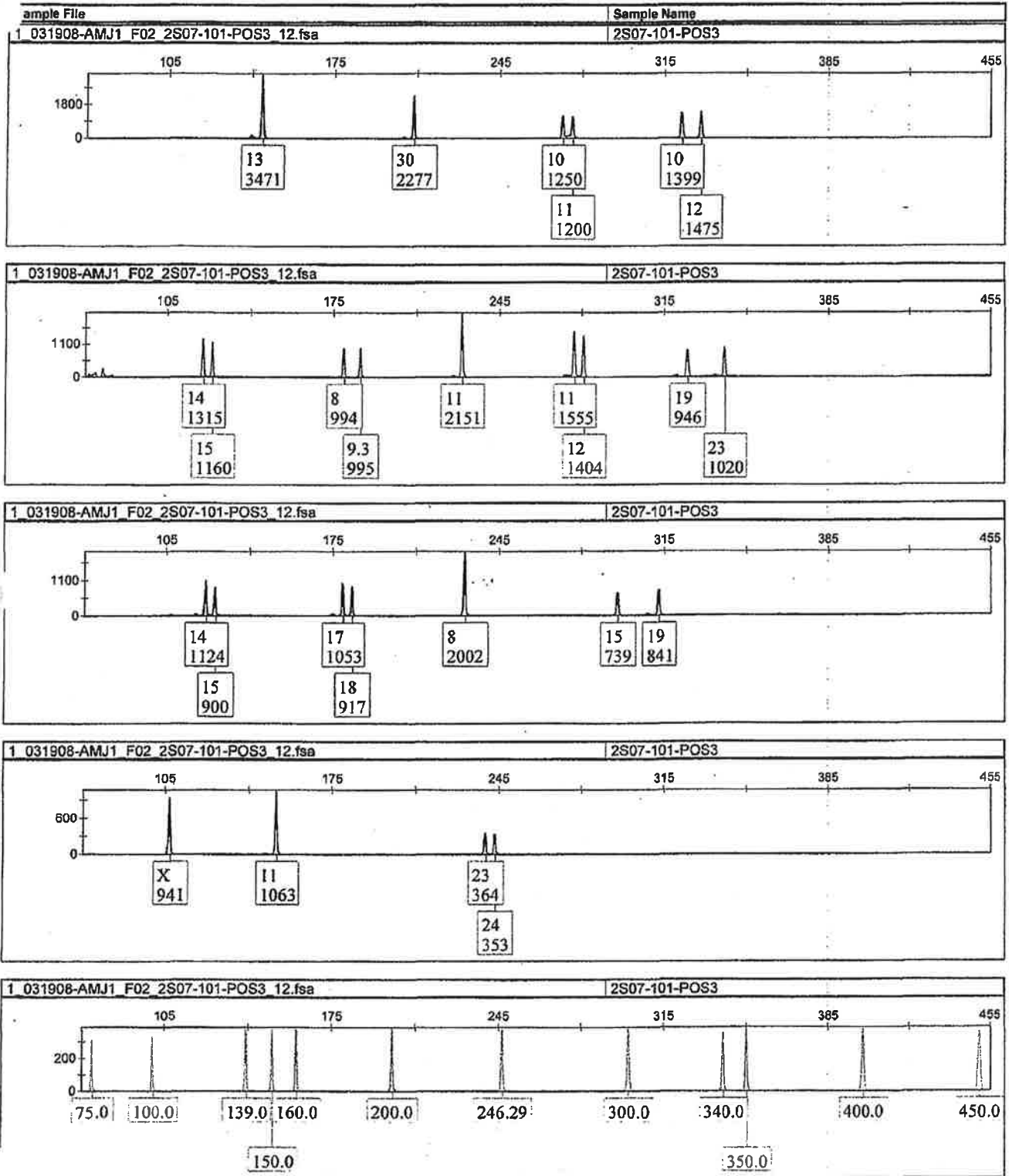




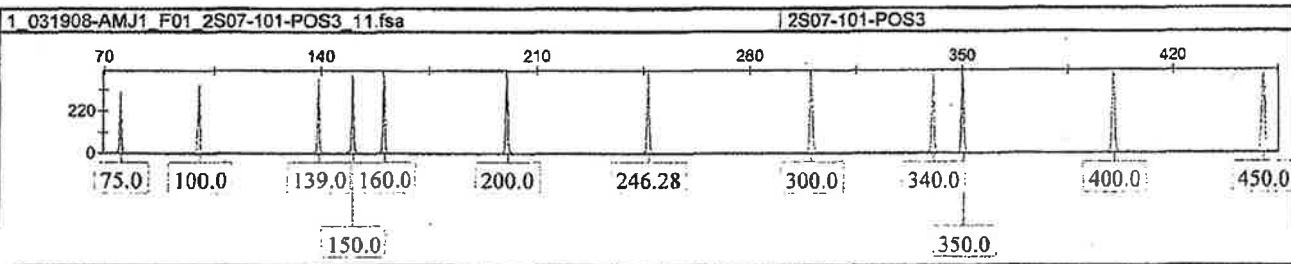
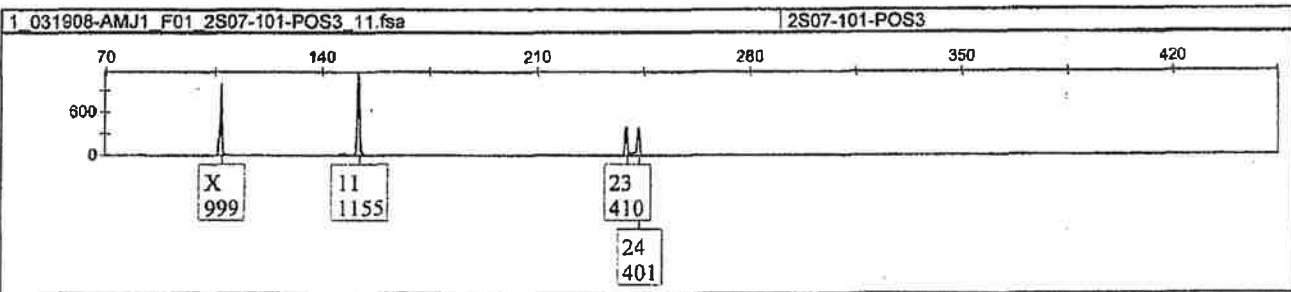
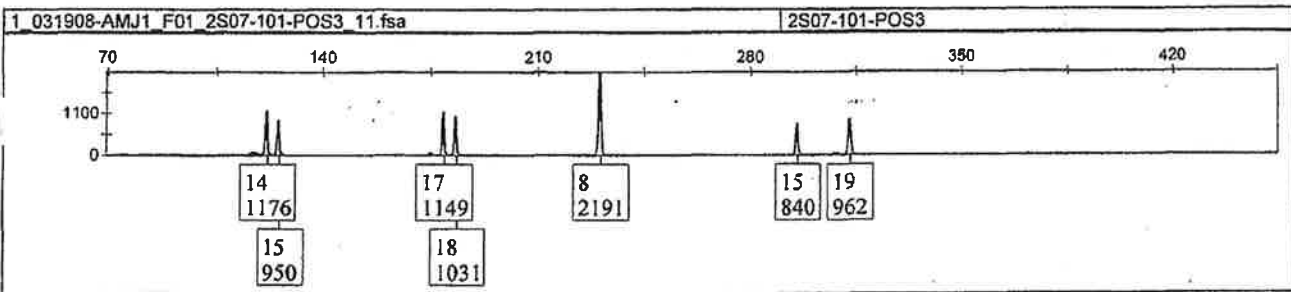
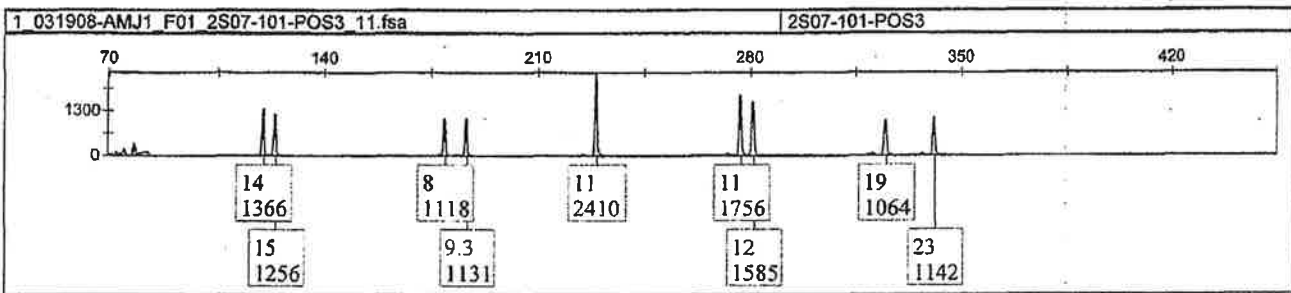
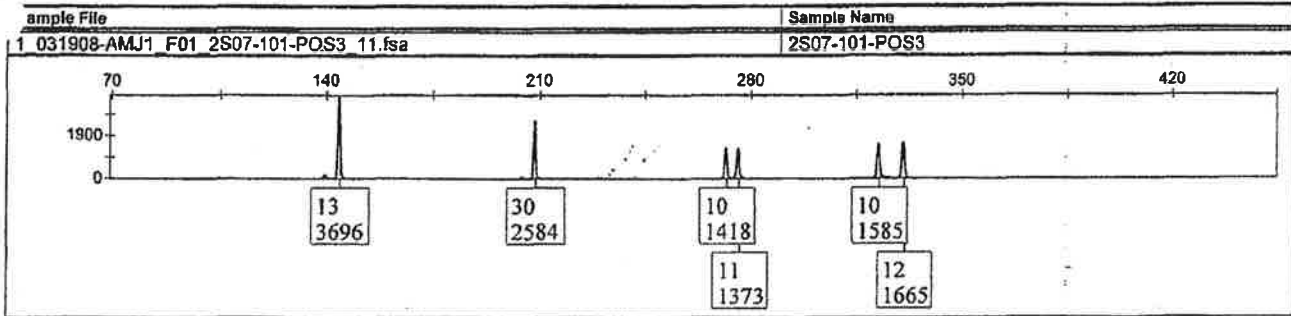


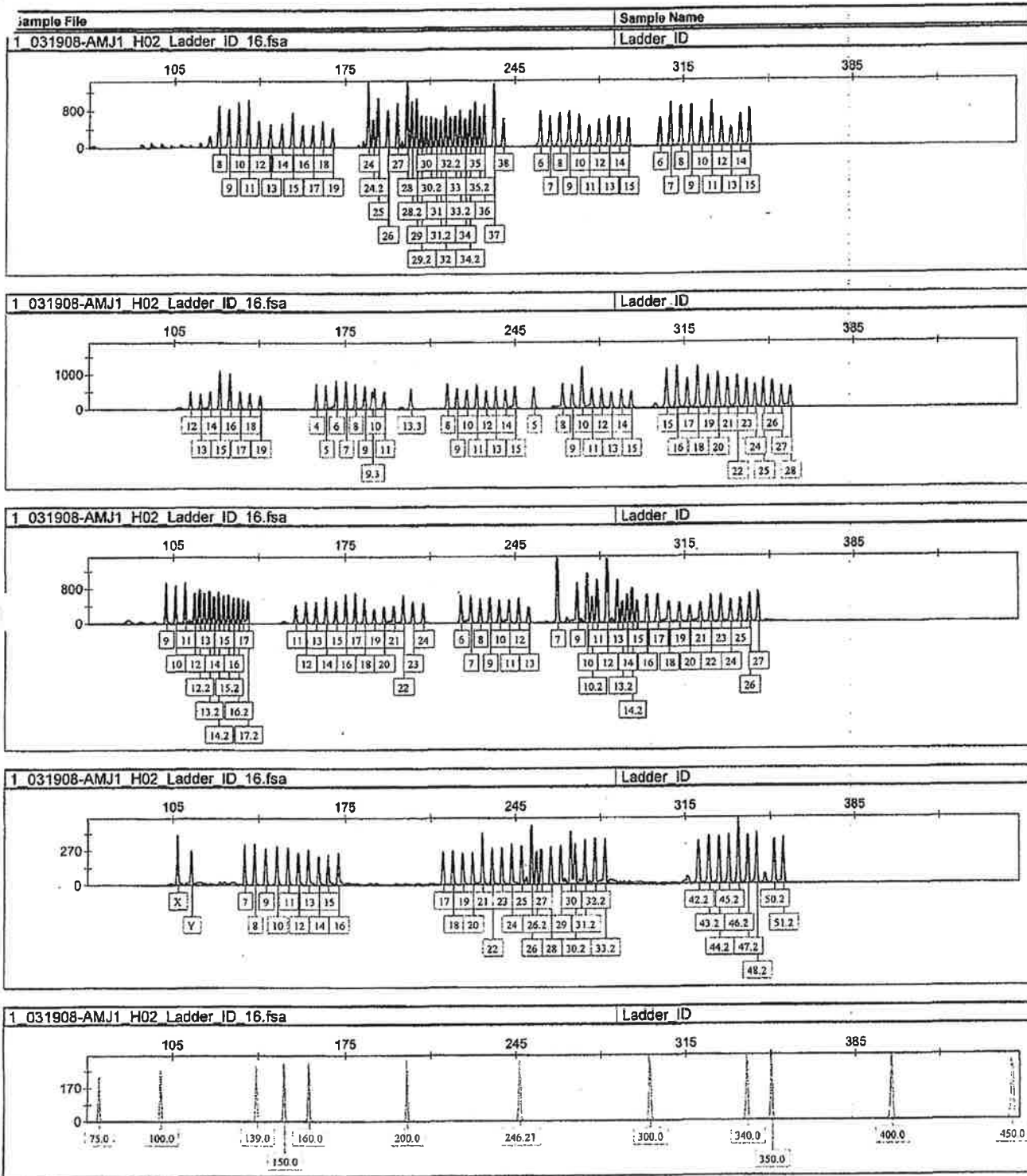
52



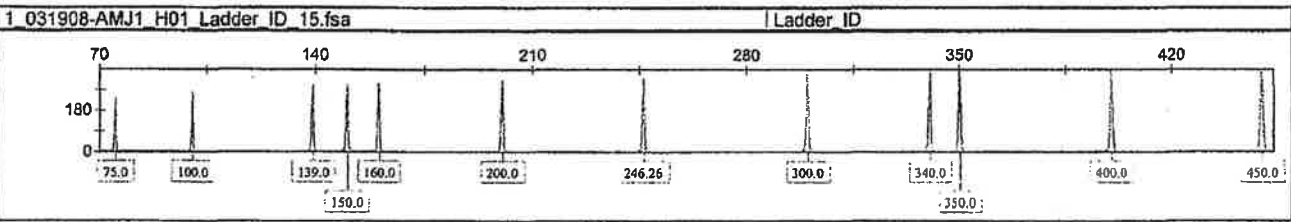
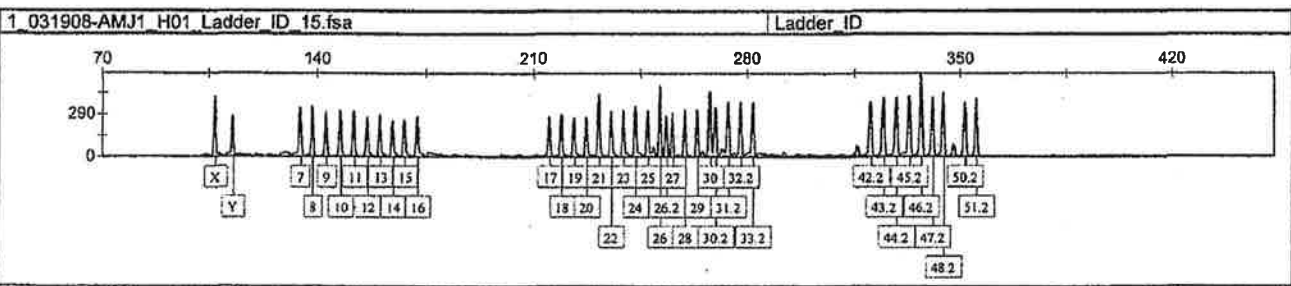
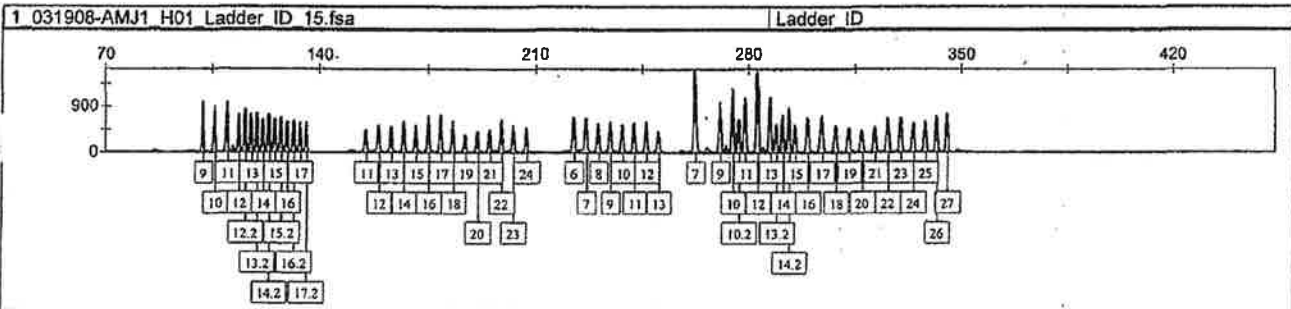
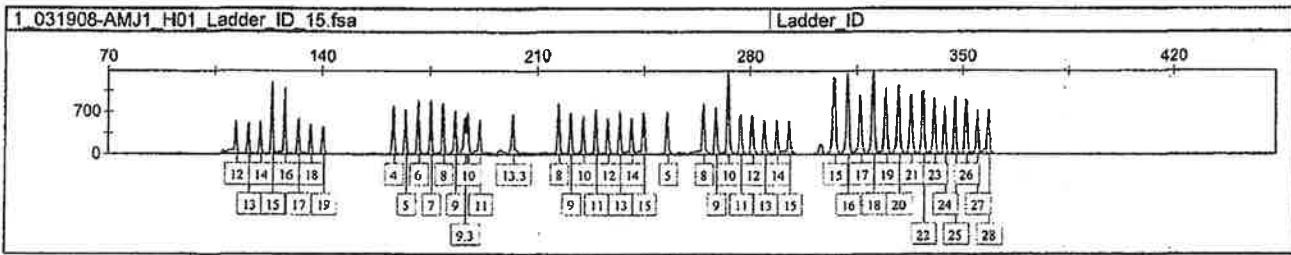
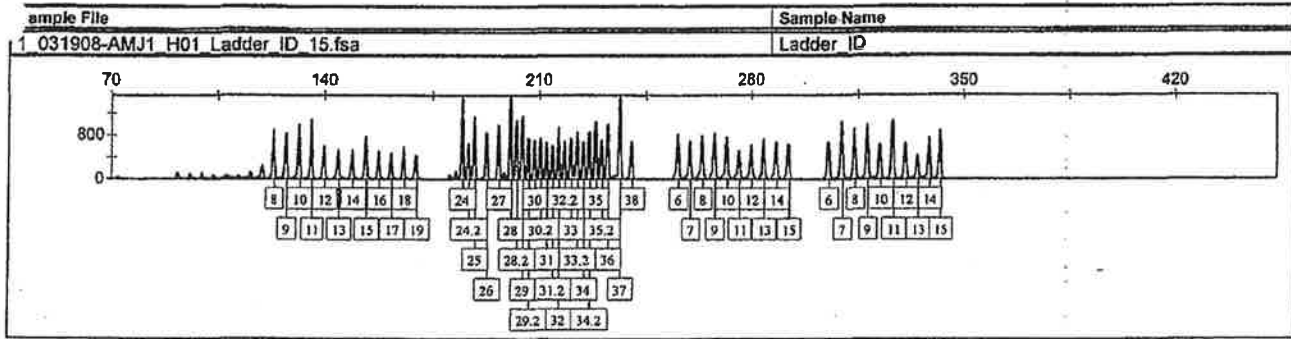


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CE GMID Editing Sheet - ID

Tray ID: 031908-AMJ
 Analyst: AMJ
 GMID Panel: Identifier_v1

Shipment or Case #: 2507-101
 Date: 03-19-08

Well	Edit: Locus, Base pair size- reason
	No edits

Editing Key
20%: 20% filter applied (after confirming no mixtures)
-A: -A/Split peaks
AUT: single allele below minimum threshold
Artifact (non-specific)
Dye artifact
Elevated BL: Labels placed on elevated baseline(s)
FC: Failed capillary
ILS<MIN: ILS below minimum rfu threshold
LOR: Loss of resolution
OL: Off ladder allele
Other: provide explanation in text box (currently using this for FDLE alleles btw. 75-99 rfu)
PU: Pullup
RL: Removed Labels (also record reason)
RFU<MIN: sample rfu below minimum threshold
RFU>MAX: sample rfu above maximum threshold
Shoulder: Shoulder peak
Sizing: incorrect sizing (eg: migration issue)
Spikes
Stutter (n-4 if other record)

9947-Positive Control				
Well Numbers Checked Against Known: F2, F1				
D8S1179: 13, 13	D21S11: 30, 30	D7S820: 10, 11	CSF1PO: 10, 12	
D3S1358: 14, 15	TH01: 8, 9.3	D13S317: 11, 11	D16S539: 11, 12	D2S1338: 19, 23
D19S433: 14, 15	vWA: 17, 18	TPOX: 8, 8	D18S51: 15, 19	
AMEL: X, Y	D5S818: 11, 11	FGA: 23, 29		

Document: BT00431 GMID_ID Edits (CW WS)
 Revision: 2
 Effective: Wednesday, January 30, 2008 1:33:47 PM

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AMJ 031908

CE Set-up Sheet

TRAY ID: 031908-AMJ1 Amp. Tray: 2S07-101 AMP 3 Analyst: AMJ Date: 03-19-08

	1	2	3	4	5	6	7	8	9	10	11	12
A	2S07-101-05A1.2	2S07-101-05A1.2	Blank	Blank	Blank	Blank	Blank	Blank	Blank	Blank	Blank	Blank
B	2S07-101-05B1.2	2S07-101-05B1.2	Blank	Blank	Blank	Blank	Blank	Blank	Blank	Blank	Blank	Blank
C	2S07-101-05C1.2	2S07-101-05C1.2	Blank	Blank	Blank	Blank	Blank	Blank	Blank	Blank	Blank	Blank
D	2S07-101-05D1.2	2S07-101-05D1.2	Blank	Blank	Blank	Blank	Blank	Blank	Blank	Blank	Blank	Blank
E	2S07-101-RB2.2	2S07-101-RB2.2	Blank	Blank	Blank	Blank	Blank	Blank	Blank	Blank	Blank	Blank
F	2S07-101-POS3	2S07-101-POS3	Blank	Blank	Blank	Blank	Blank	Blank	Blank	Blank	Blank	Blank
G	2S07-101-NEG3	2S07-101-NEG3	Blank	Blank	Blank	Blank	Blank	Blank	Blank	Blank	Blank	Blank
H	Ladder_ID	Ladder_ID	Blank	Blank	Blank	Blank	Blank	Blank	Blank	Blank	Blank	Blank

	Vol. (ul)/Well		No. of Rxns		Vol. Total (ul)
Formamide Lot# <u>0709636</u>	10.0 ul	x	18	=	180
GS-500LIZ Lot# <u>0708074</u>	0.12 ul	x	18	=	2.16
Master Mix	10.0 ul				
Amp. Product	0.7ul				

PIPETTORS LOT #S:	
Formamide:	<u>95</u>
ILS:	<u>97</u>
Formamide & ILS Mix:	<u>97</u>
Ladders:	<u>9F</u>
Amp Product (3100 tray):	<u>027</u>
Amp Product (if diluted):	<u>-</u>
Diluent (for dilutions):	<u>-</u>

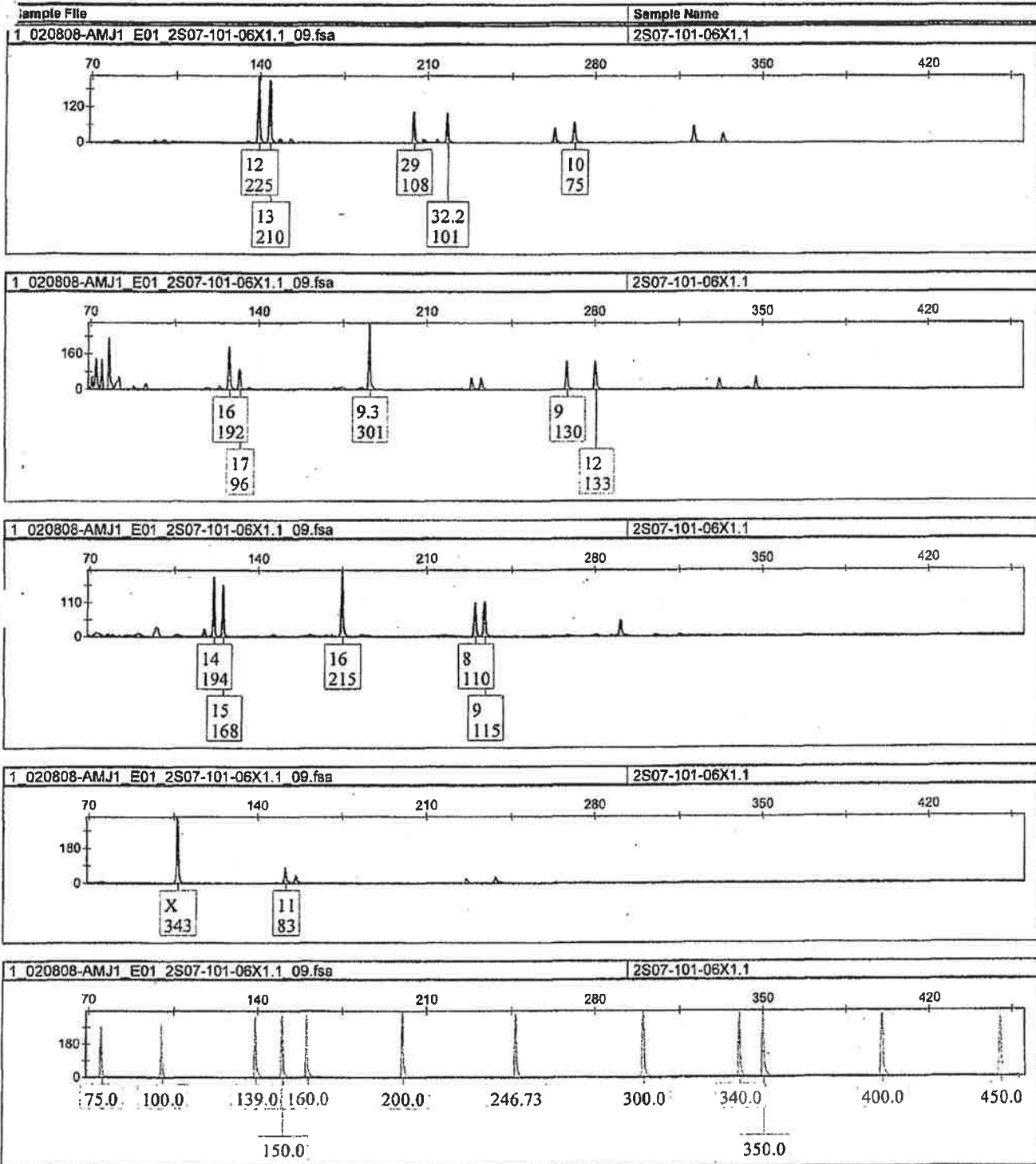
AMP 031908

Machine:	<u>11</u>
Run #s:	<u>24</u>
System:	Identifiler
Ladder Lot#:	<u>0611008</u>
Run Module:	Active Run Module
Analysis Module:	75minrfu.gsp

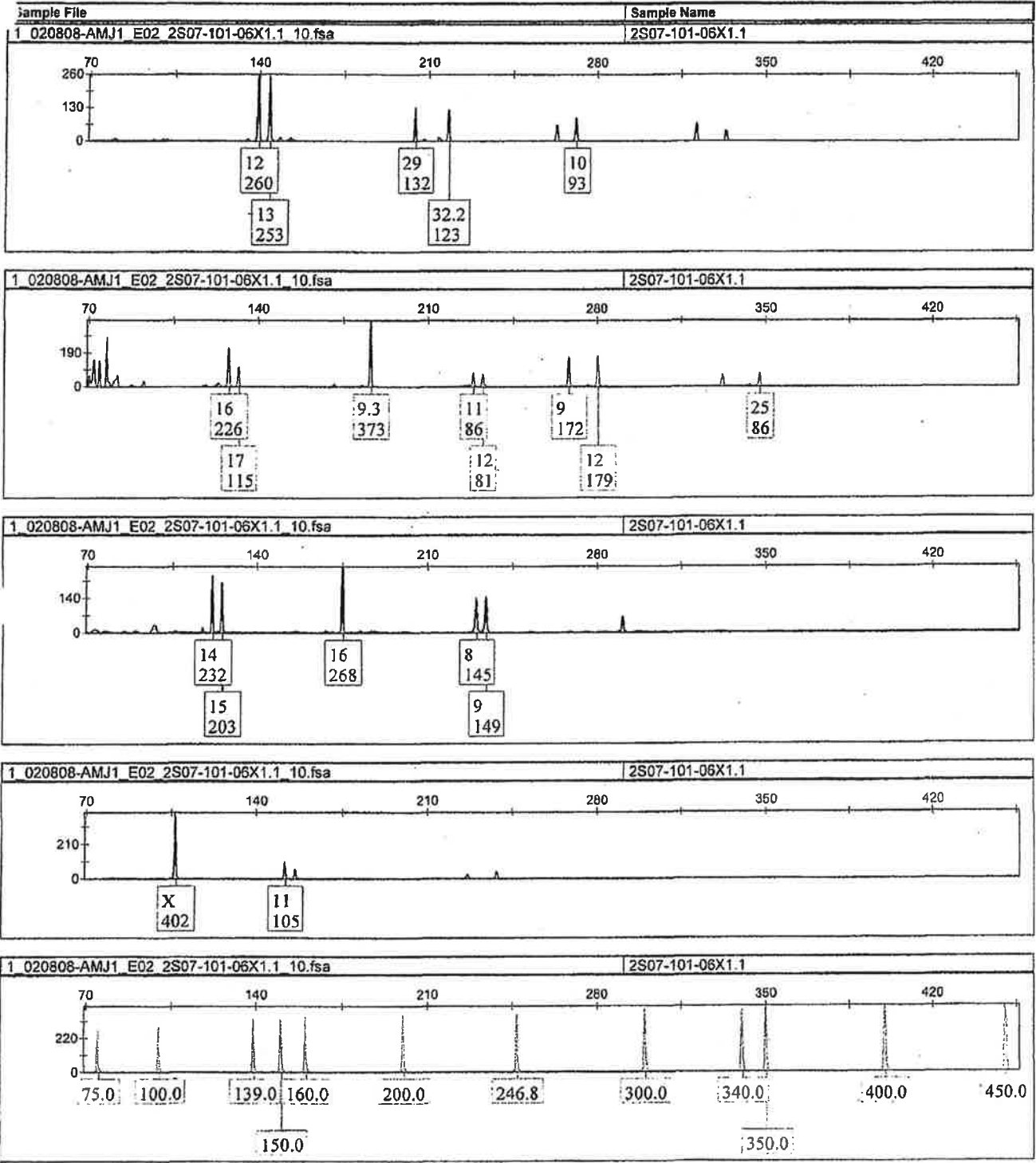
Injected by: CC
Date of Injection: 031908

Integrity Report Evaluation	
Integrity Report Evaluation Data:	
Analyst:	

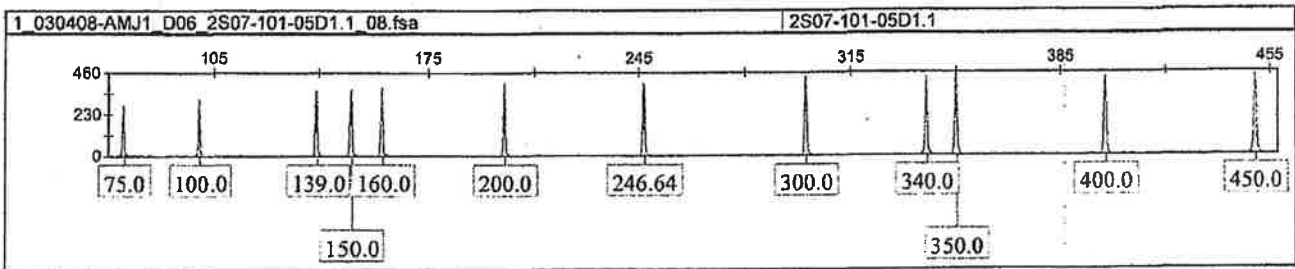
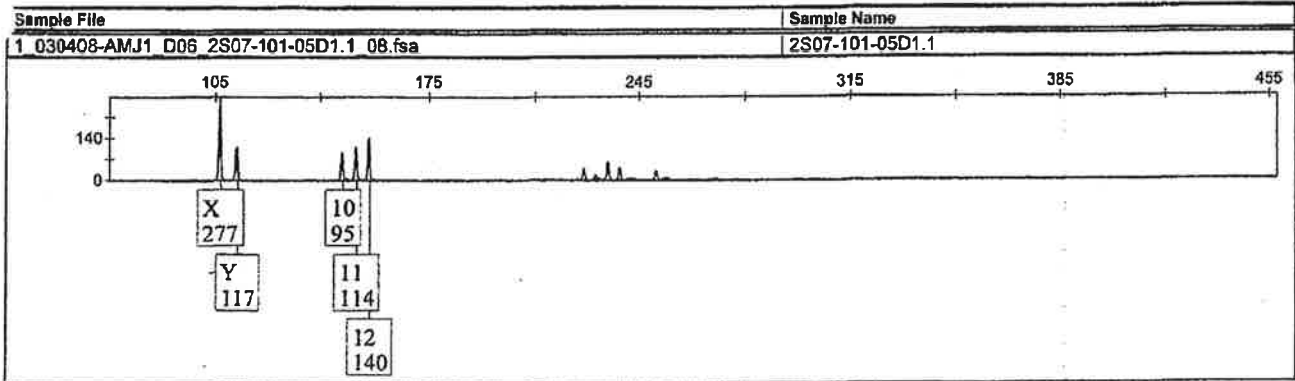
*If possible contamination is detected, provide case note with details for affected cases



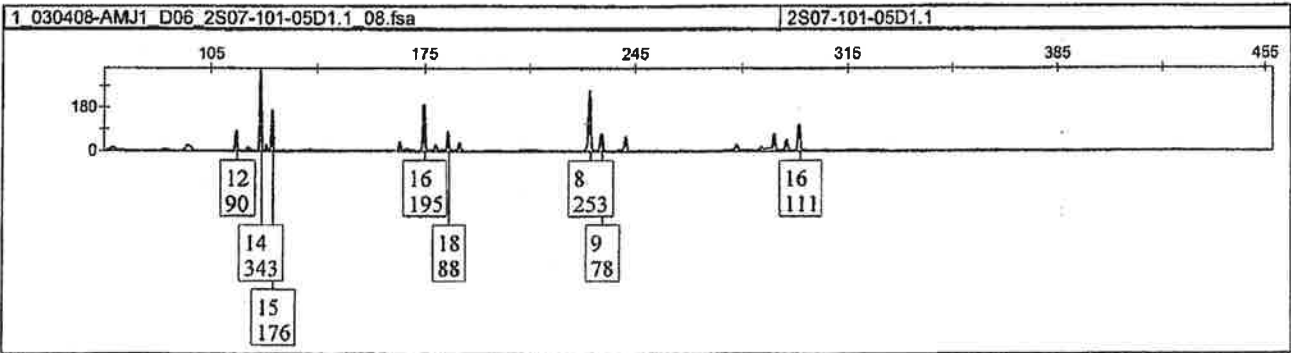
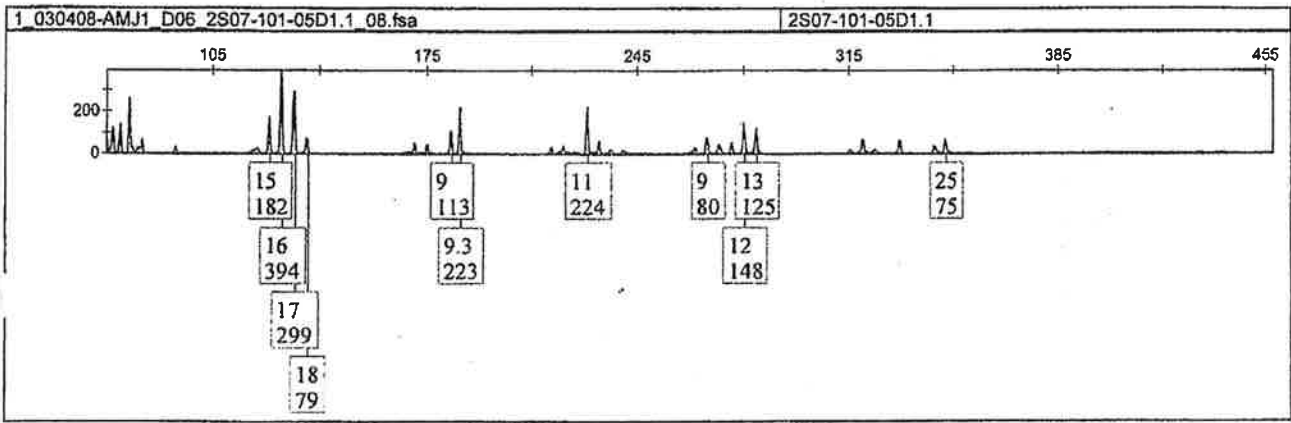
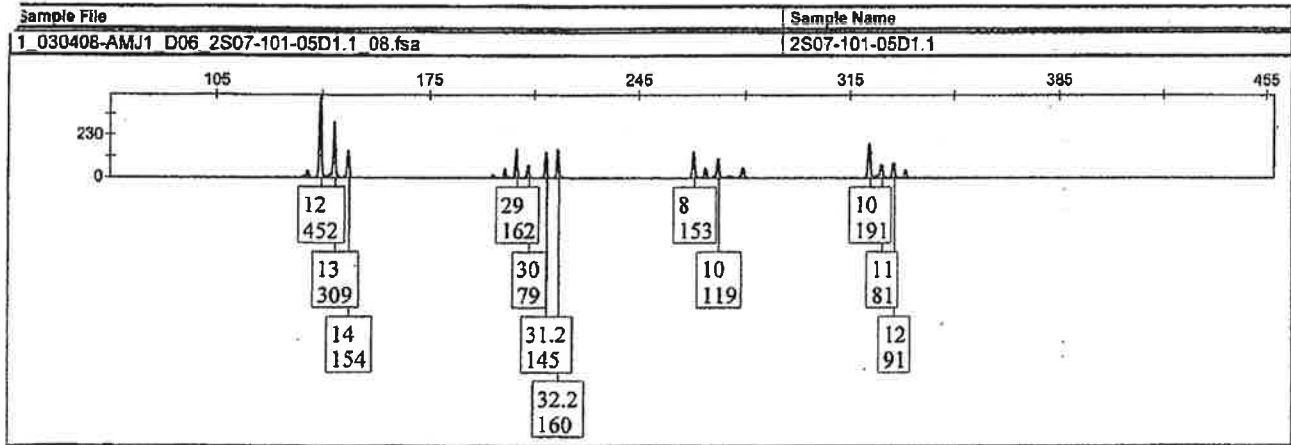
61

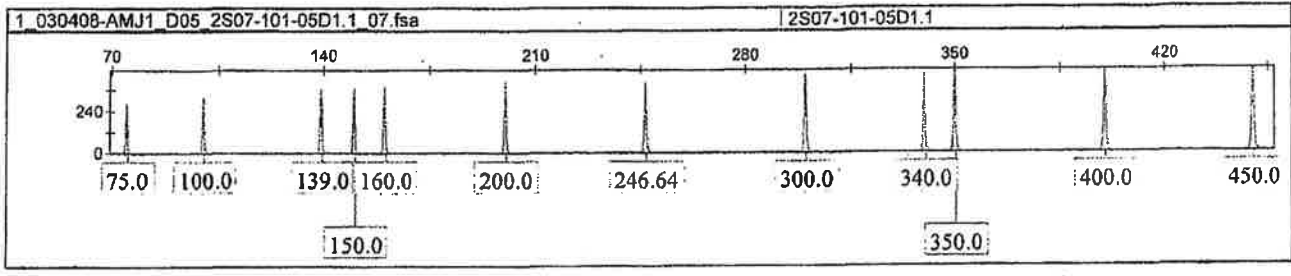
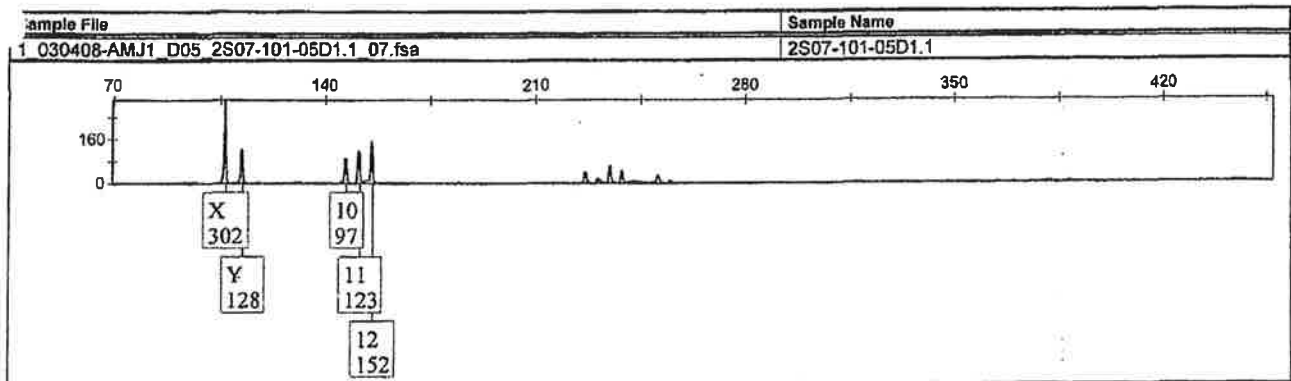


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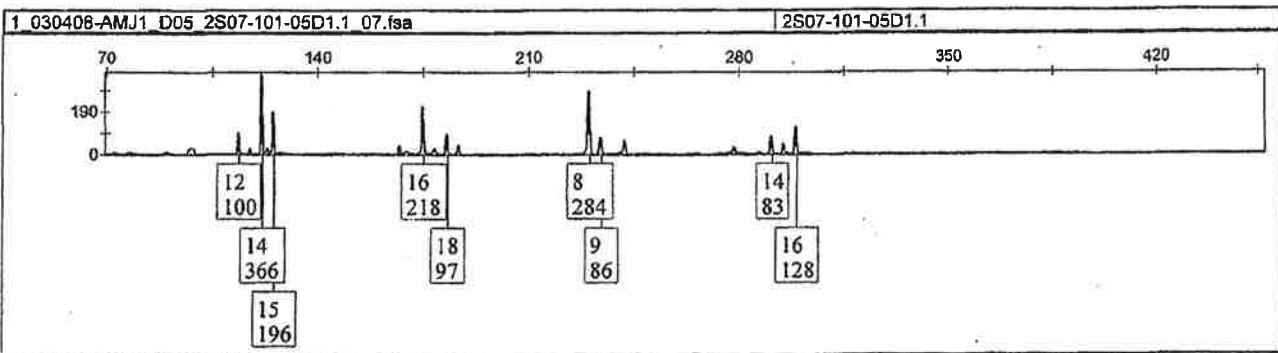
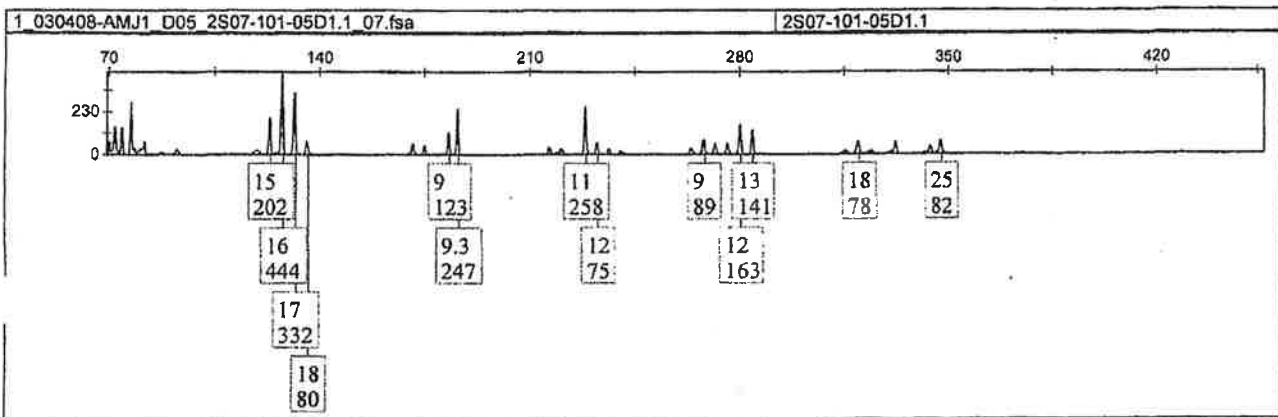
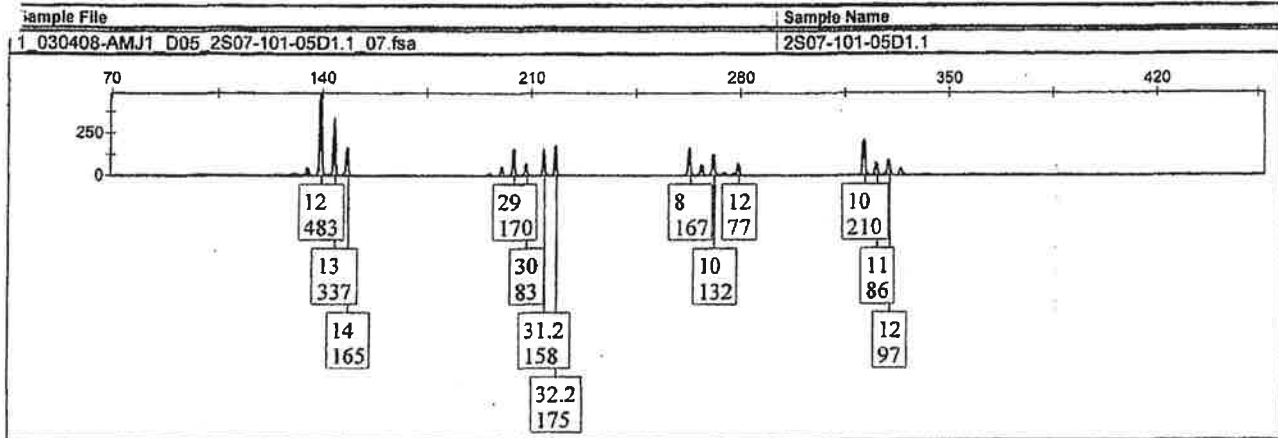


DM030508 63

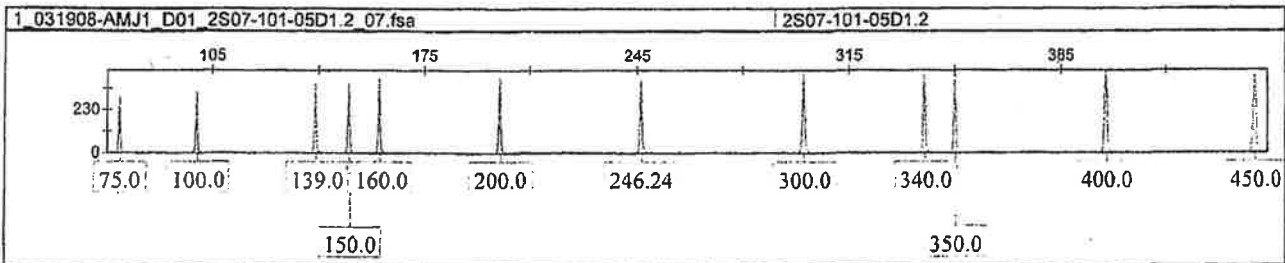
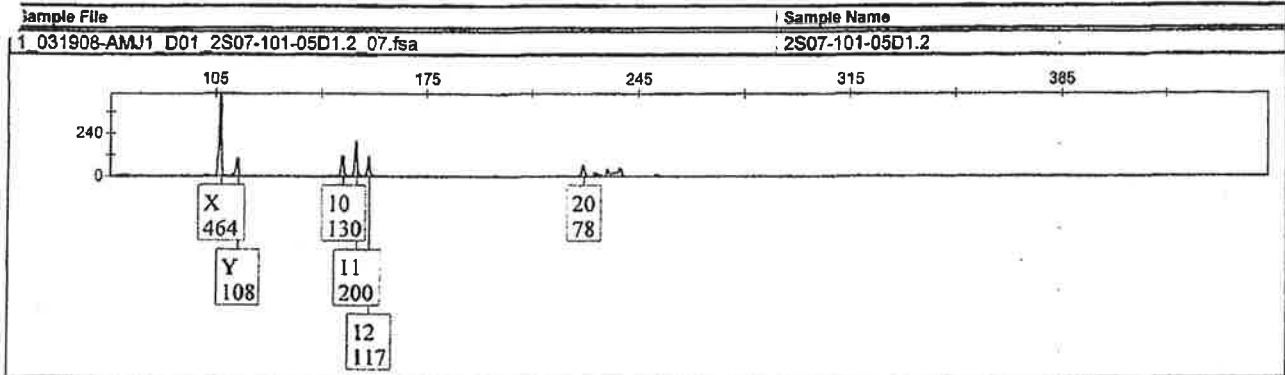


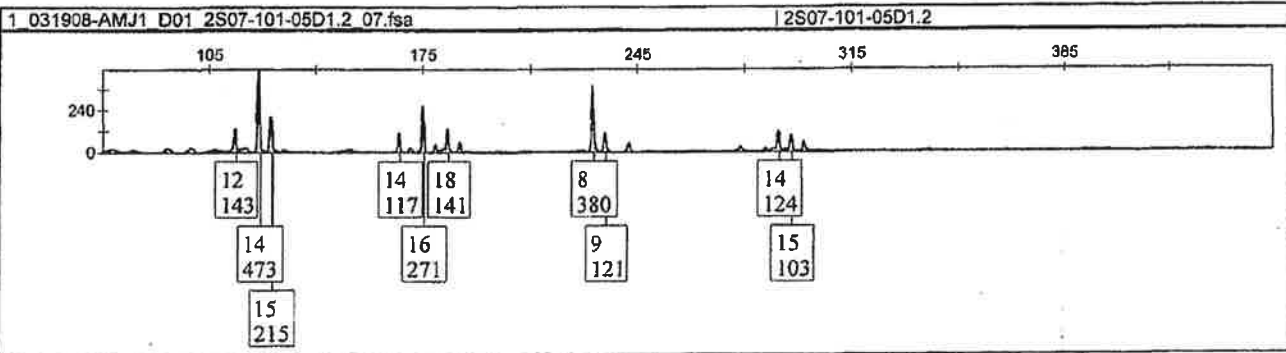
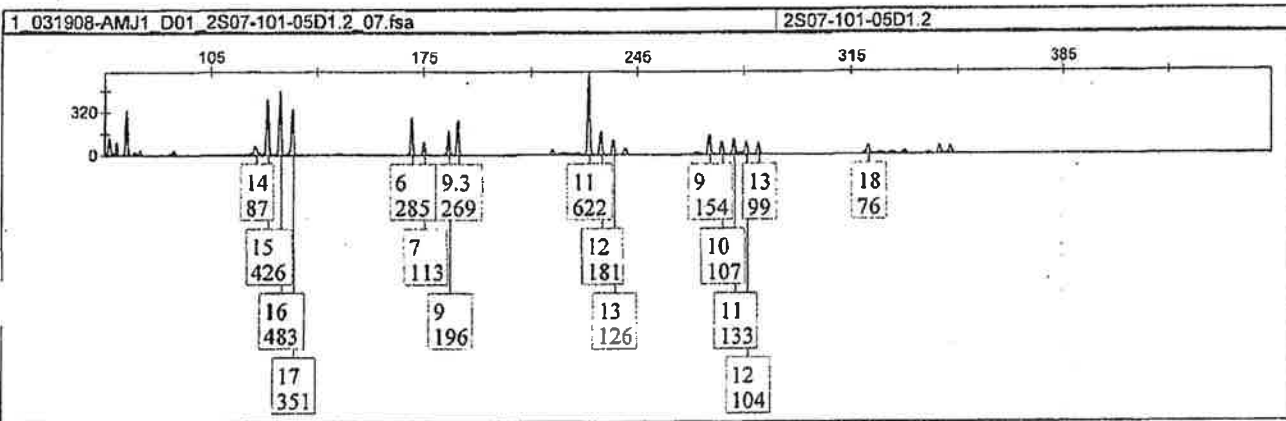
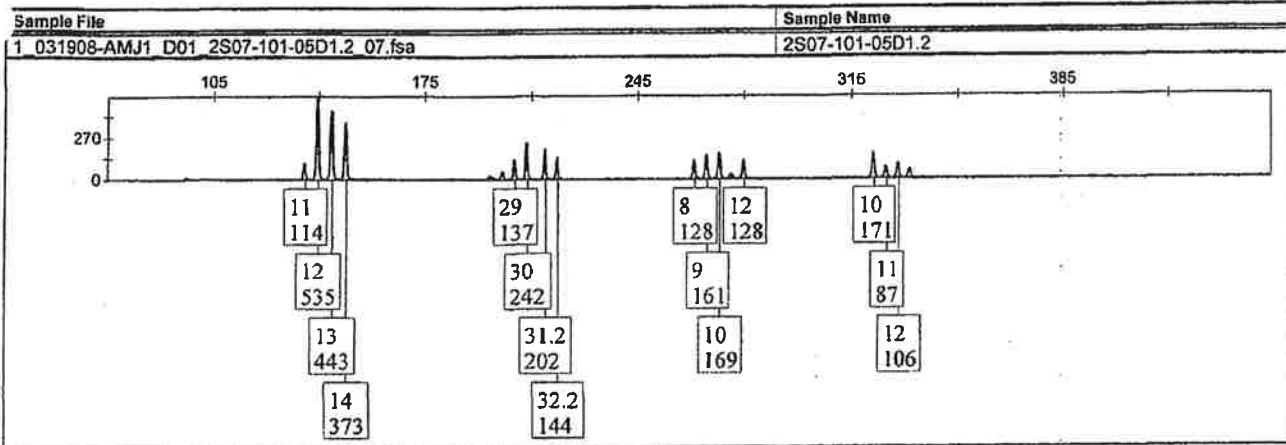


AMJ 030508 65

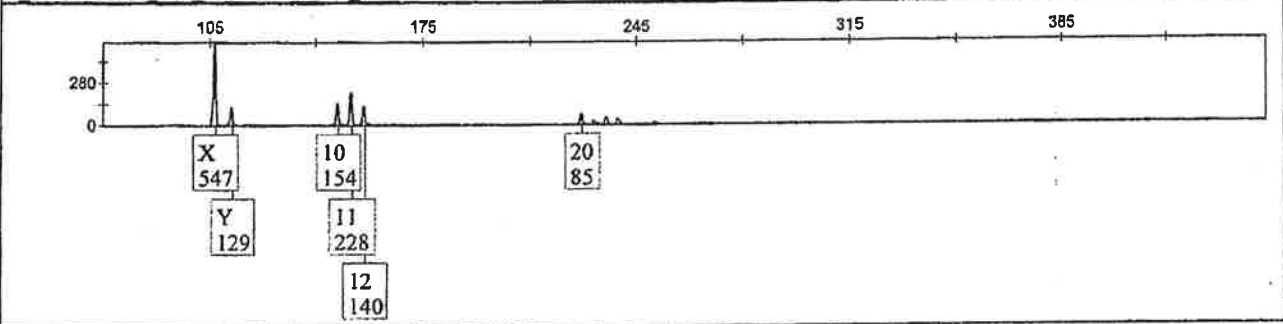


AMJ030408 66

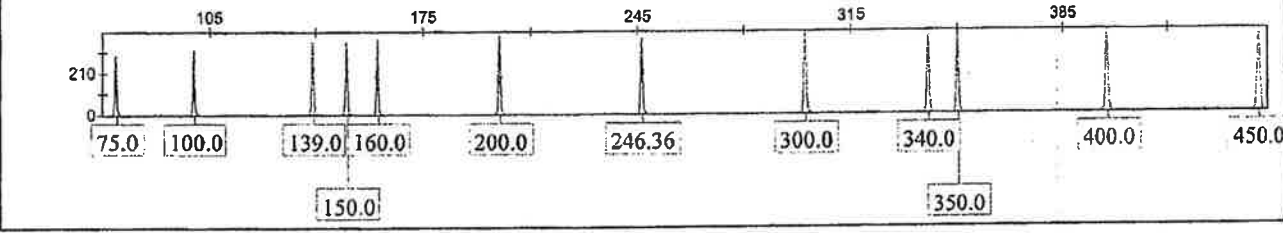


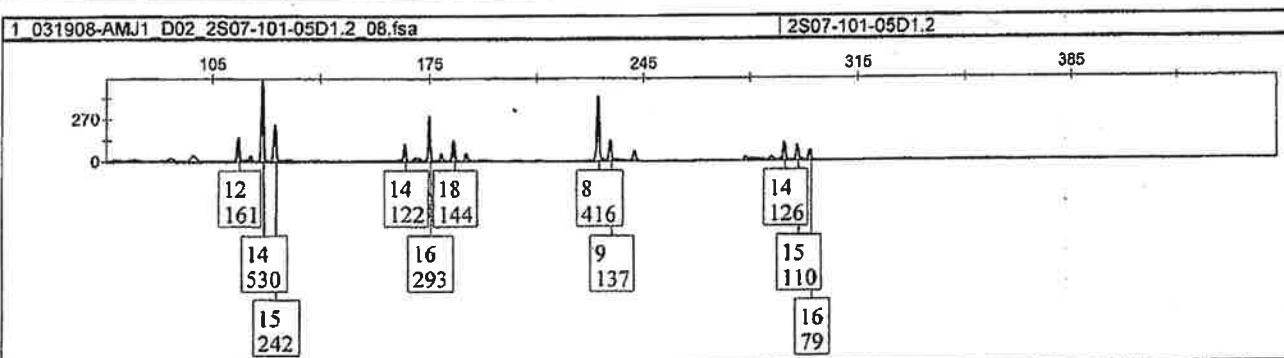
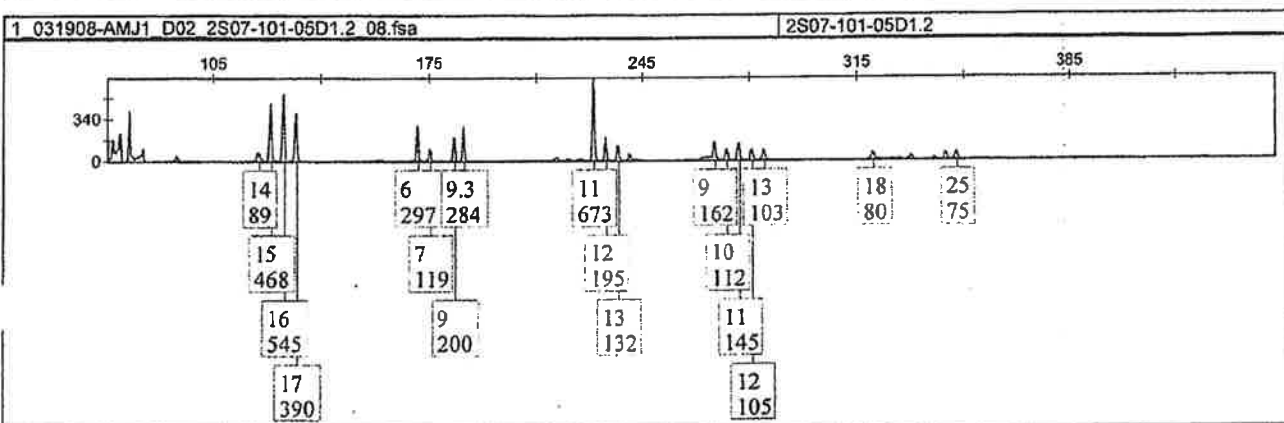
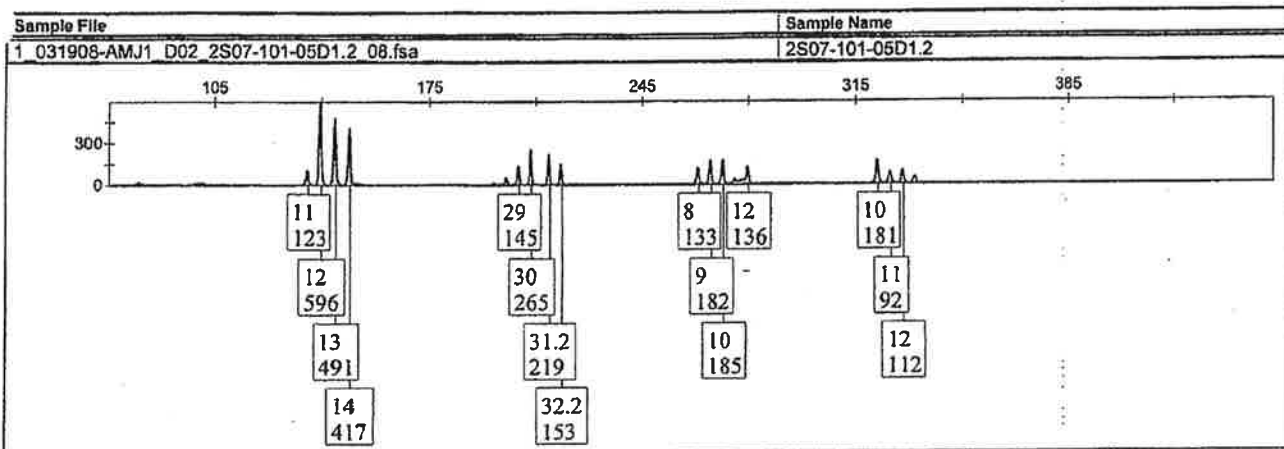


Sample File	Sample Name
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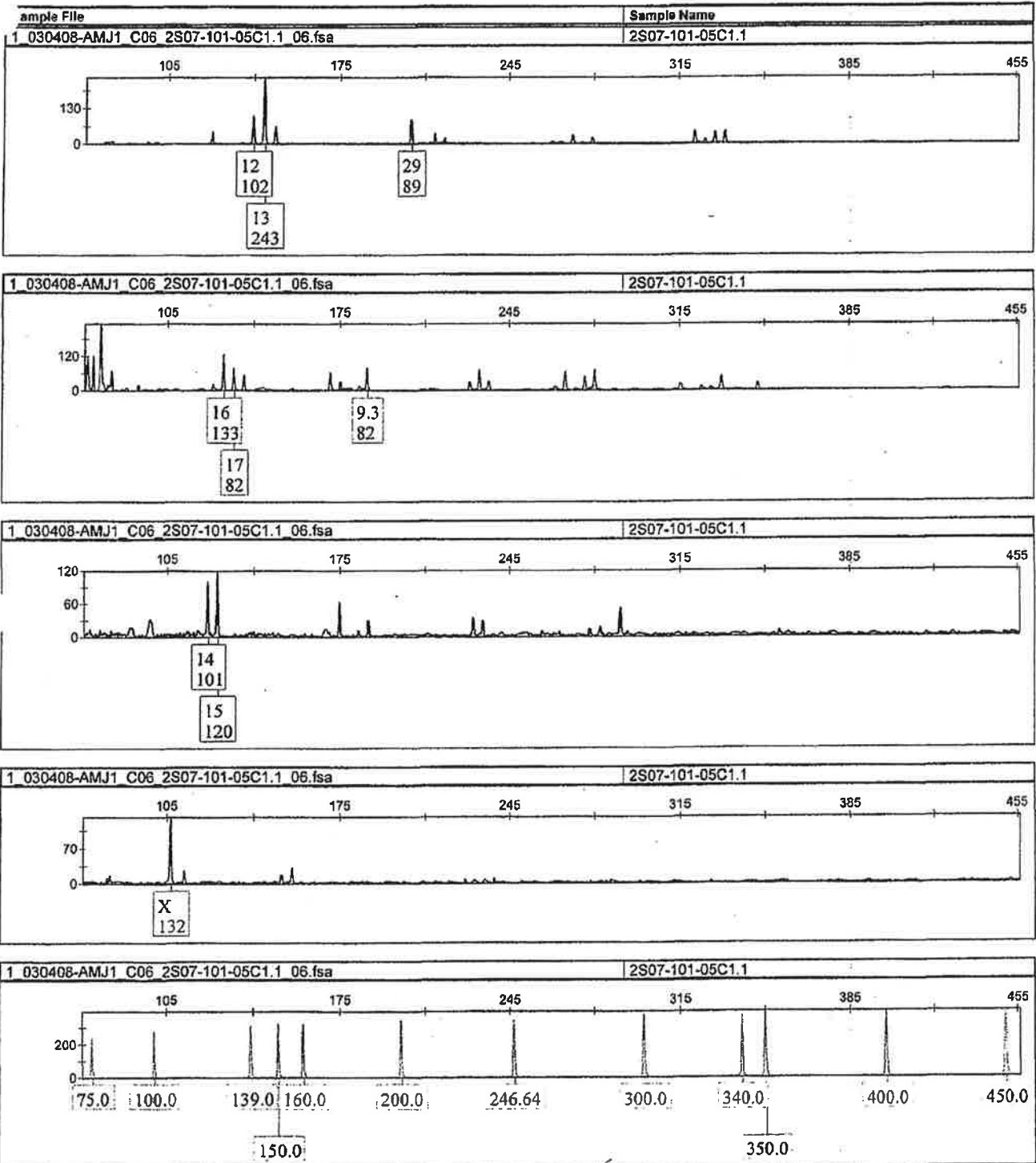


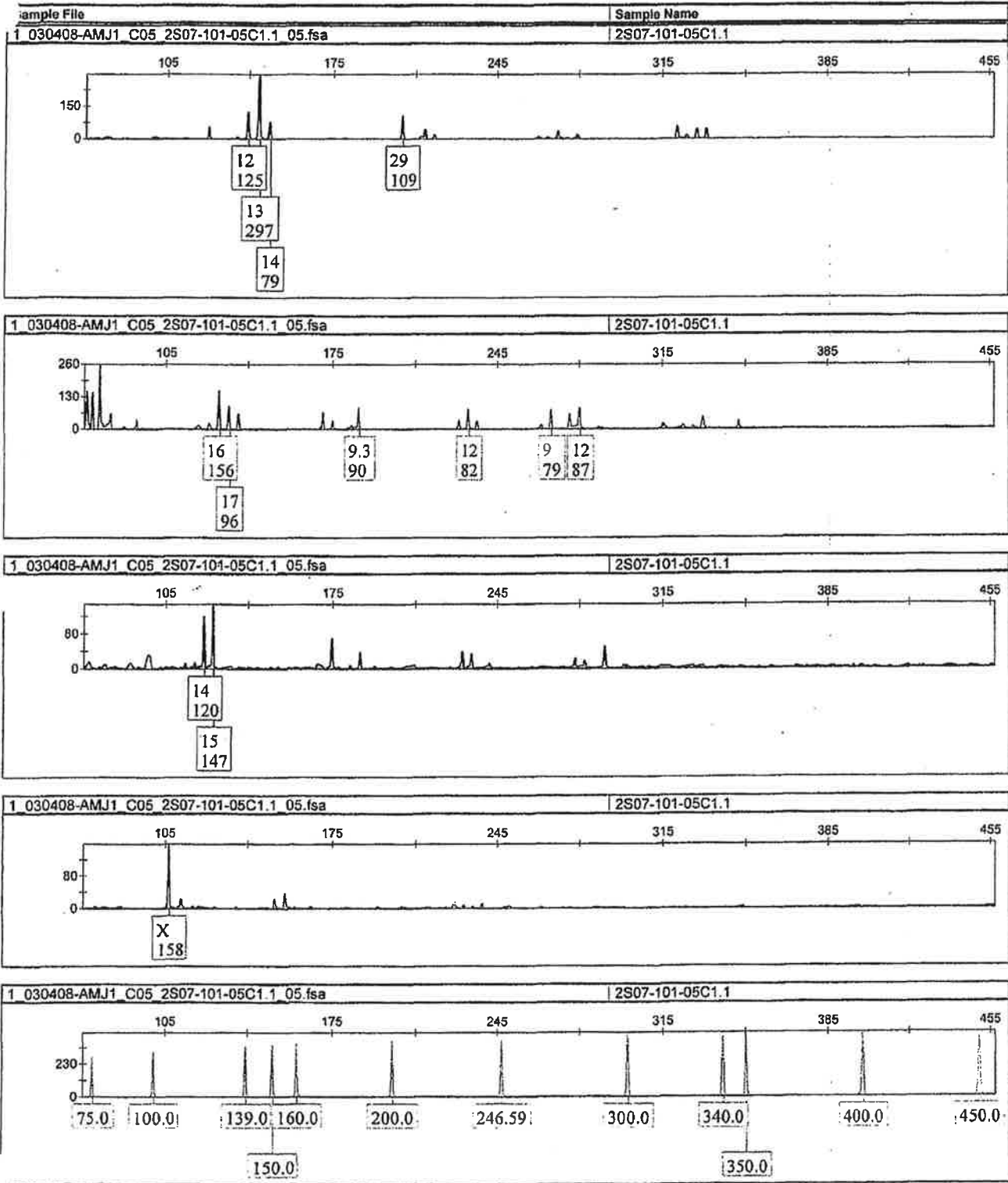
Sample File	Sample Name
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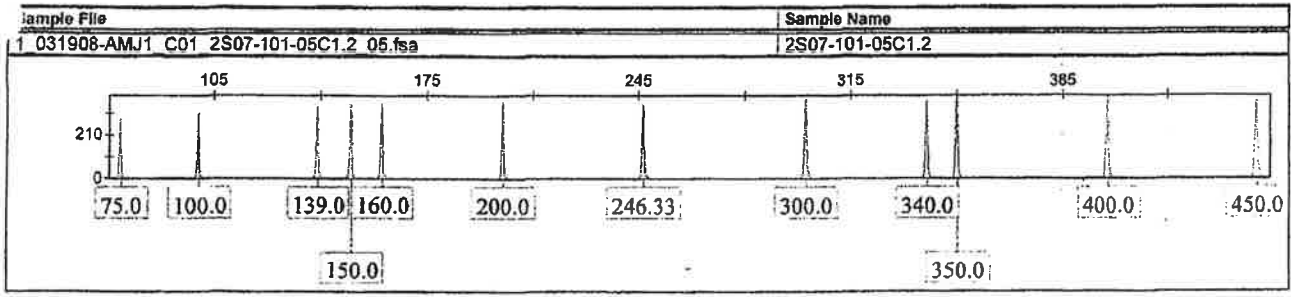


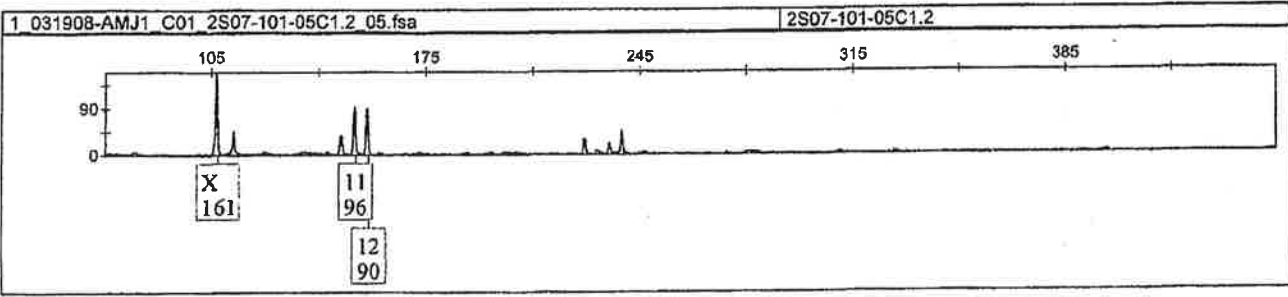
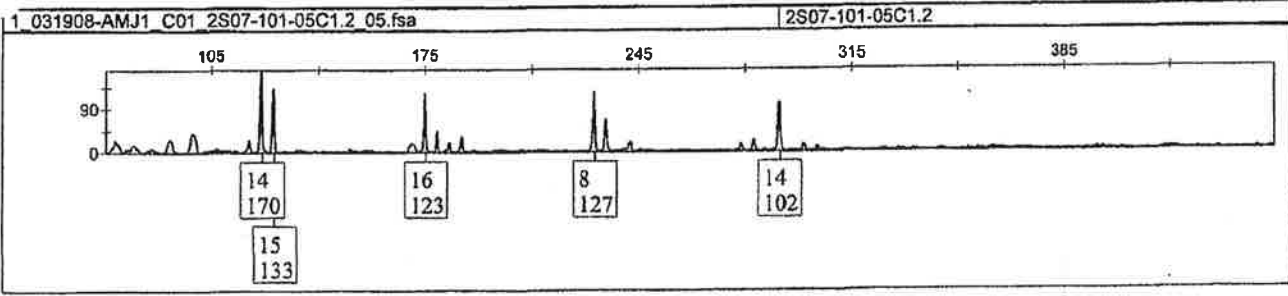
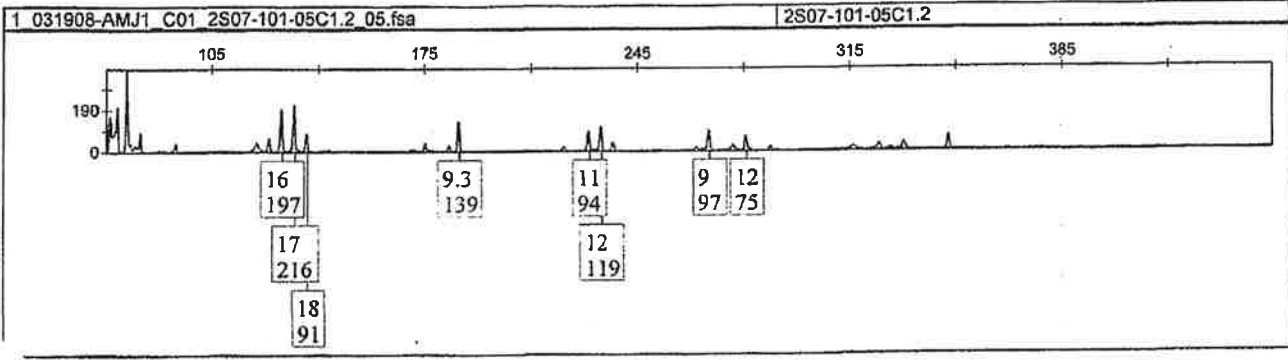
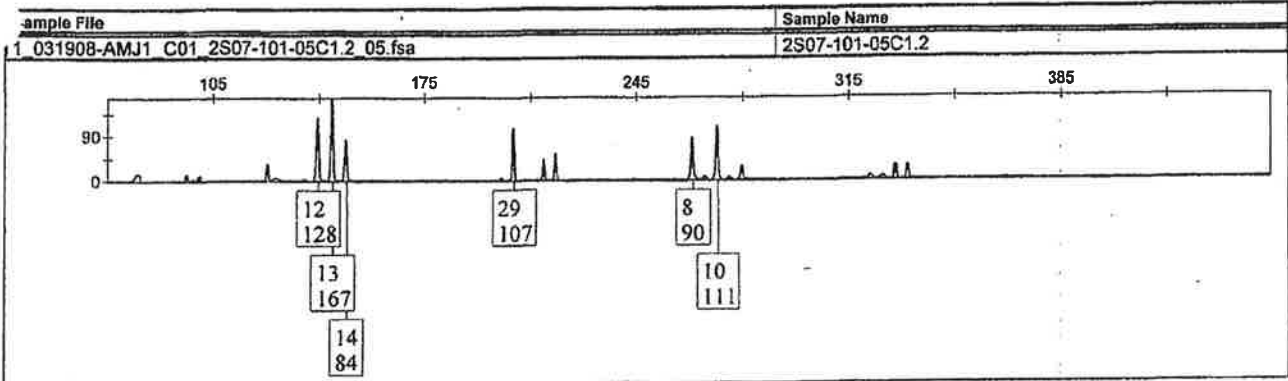


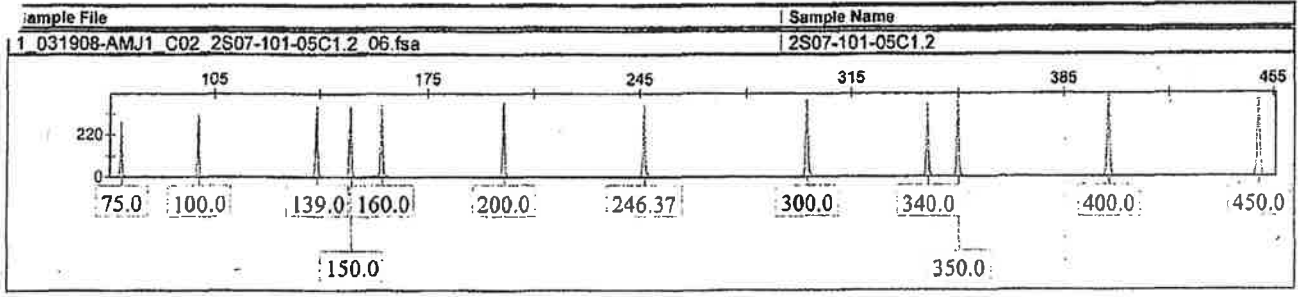
see tray 030408-AMJ1 well D05 for an additional allele at +03.
 AMJ 031908

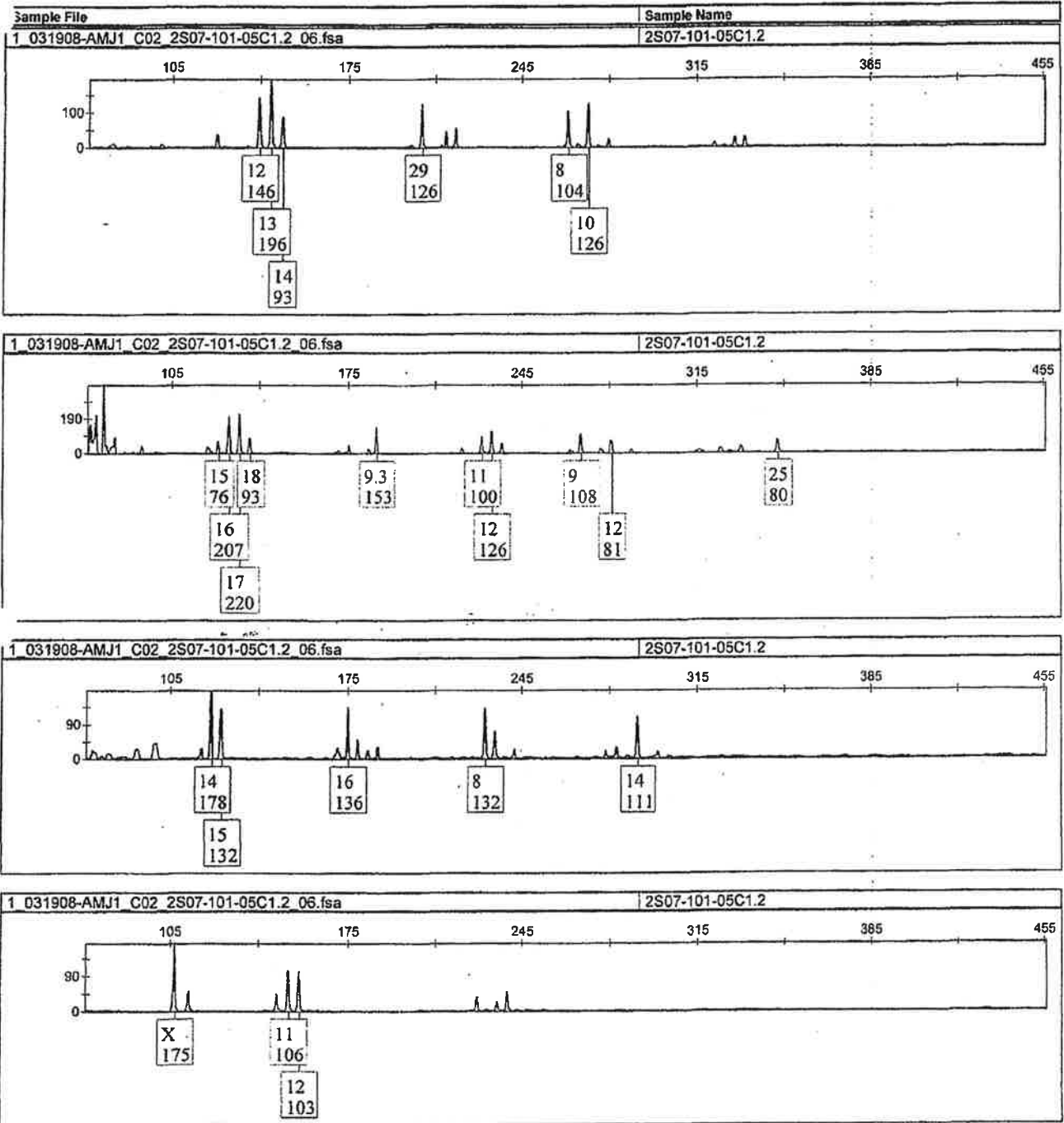










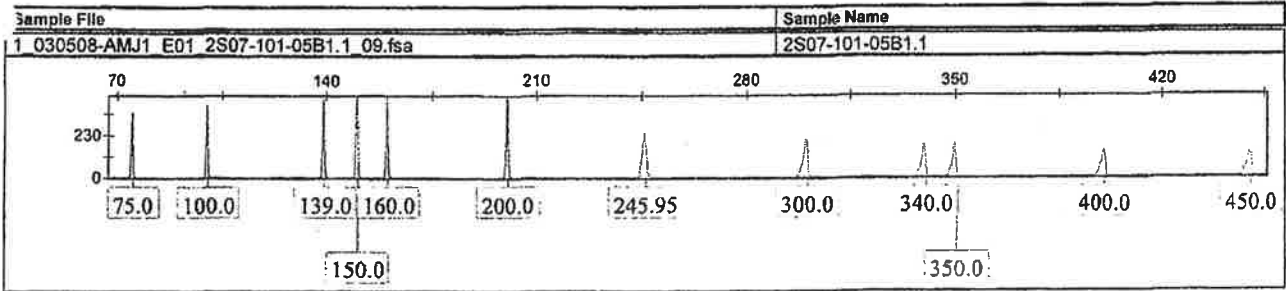


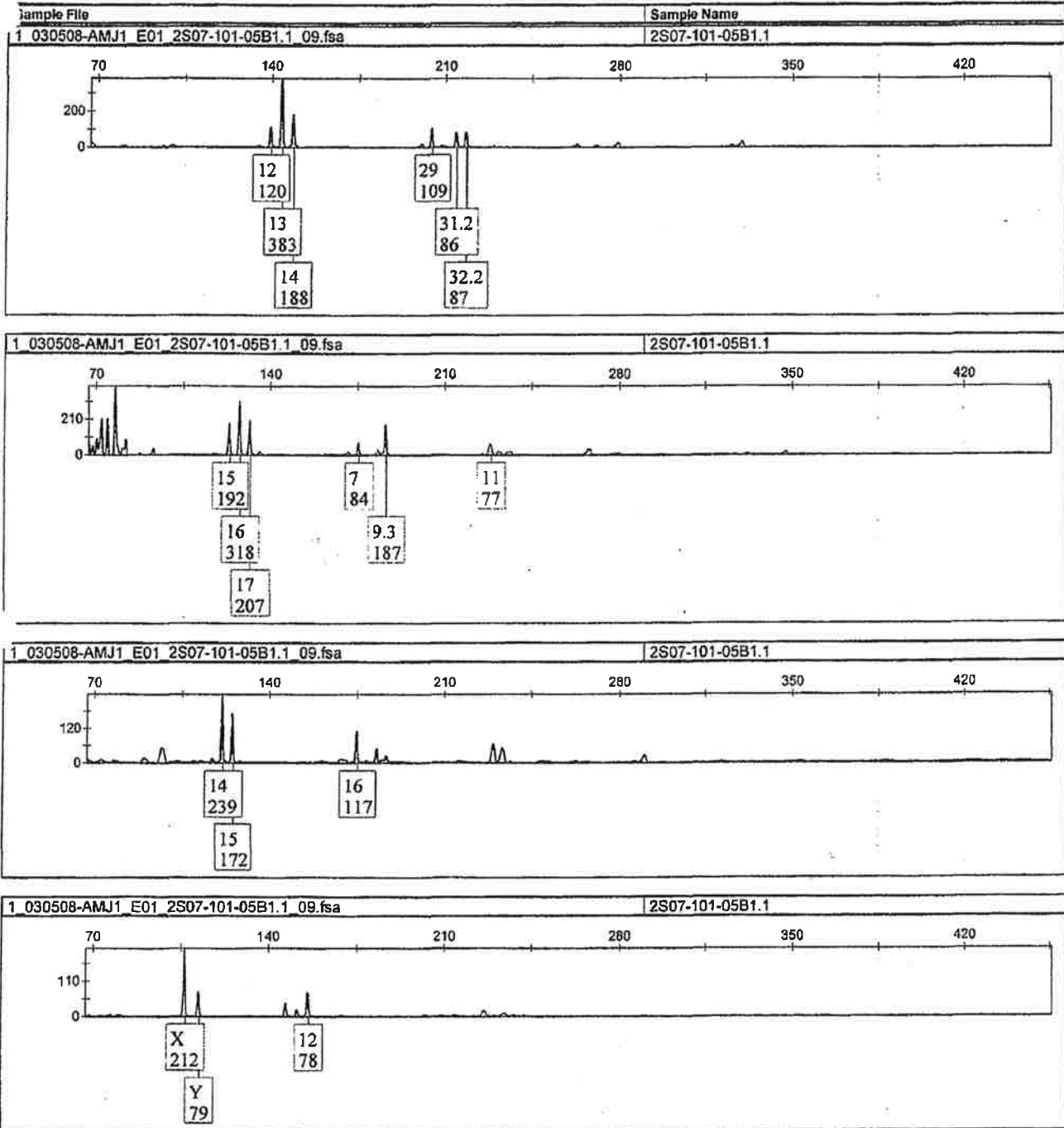
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No Sizing Data: 1_030408-AMJ1_B06_2S07-101-05B1.1_04.fsa	
1_030408-AMJ1_B06_2S07-101-05B1.1_04.fsa	2S07-101-05B1.1
No Sizing Data: 1_030408-AMJ1_B06_2S07-101-05B1.1_04.fsa	
1_030408-AMJ1_B06_2S07-101-05B1.1_04.fsa	2S07-101-05B1.1
No Sizing Data: 1_030408-AMJ1_B06_2S07-101-05B1.1_04.fsa	
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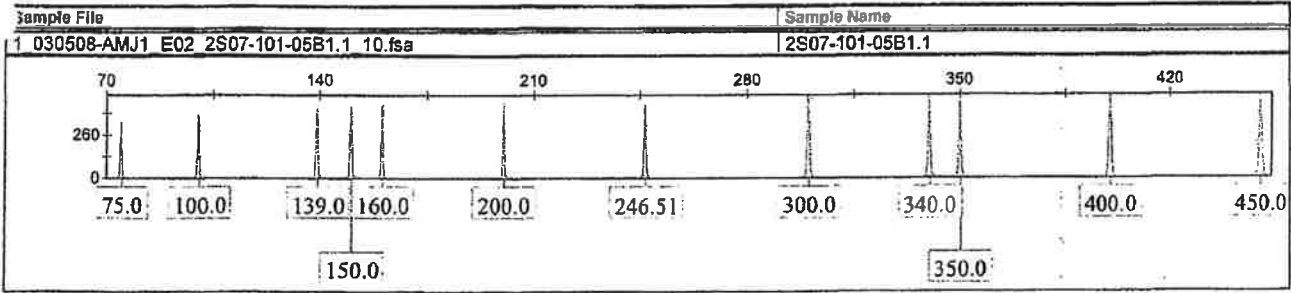
GMID 030508 77

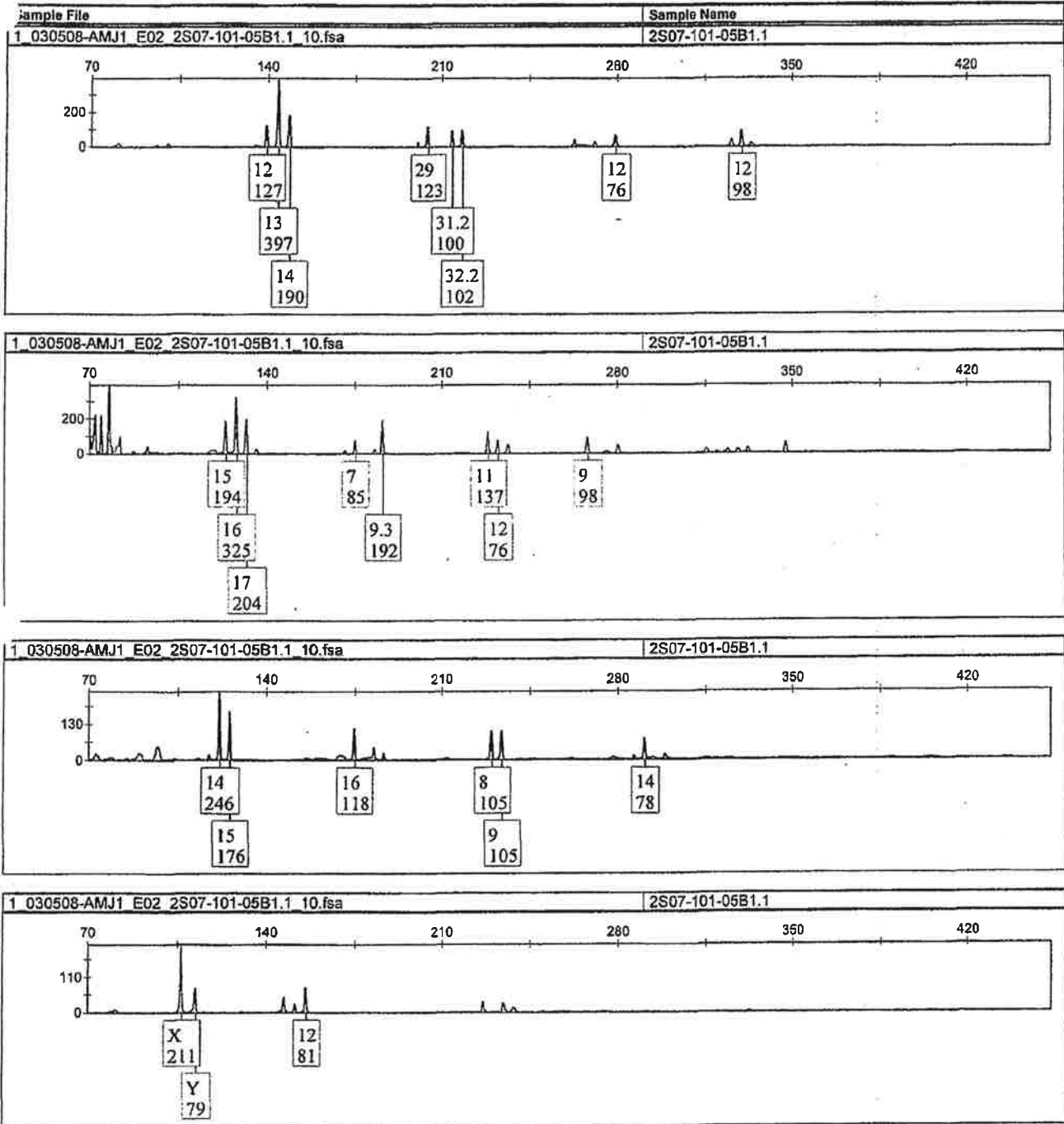
Sample File	Sample Name
1_030408-AMJ1_B05_2S07-101-05B1.1_03.fsa	2S07-101-05B1.1
No Sizing Data: 1_030408-AMJ1_B05_2S07-101-05B1.1_03.fsa	
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No Sizing Data: 1_030408-AMJ1_B05_2S07-101-05B1.1_03.fsa	
1_030408-AMJ1_B05_2S07-101-05B1.1_03.fsa	2S07-101-05B1.1
No Sizing Data: 1_030408-AMJ1_B05_2S07-101-05B1.1_03.fsa	
1_030408-AMJ1_B05_2S07-101-05B1.1_03.fsa	2S07-101-05B1.1
No Sizing Data: 1_030408-AMJ1_B05_2S07-101-05B1.1_03.fsa	
1_030408-AMJ1_B05_2S07-101-05B1.1_03.fsa	2S07-101-05B1.1
No Sizing Data: 1_030408-AMJ1_B05_2S07-101-05B1.1_03.fsa	

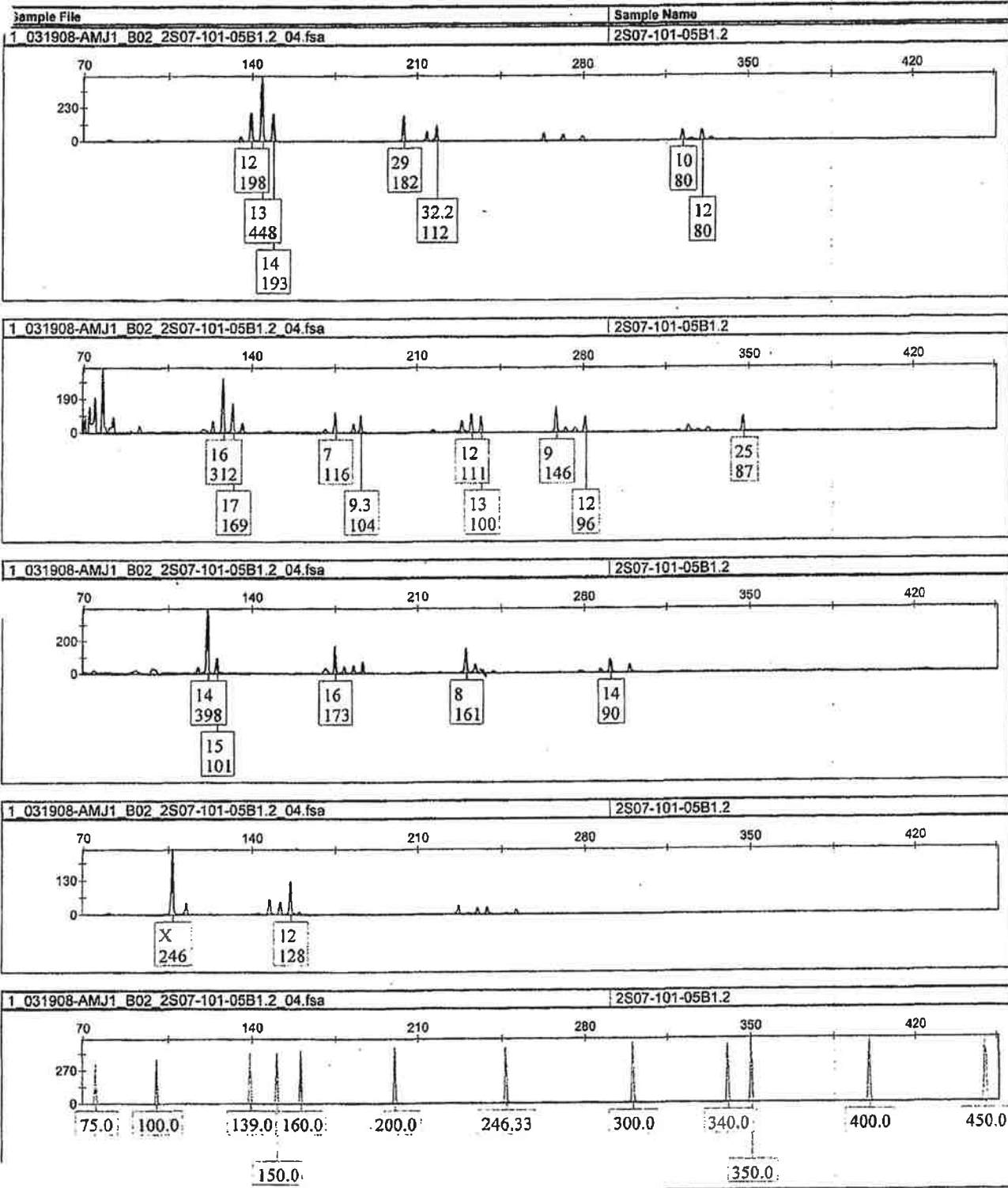
AMJ 030508 78

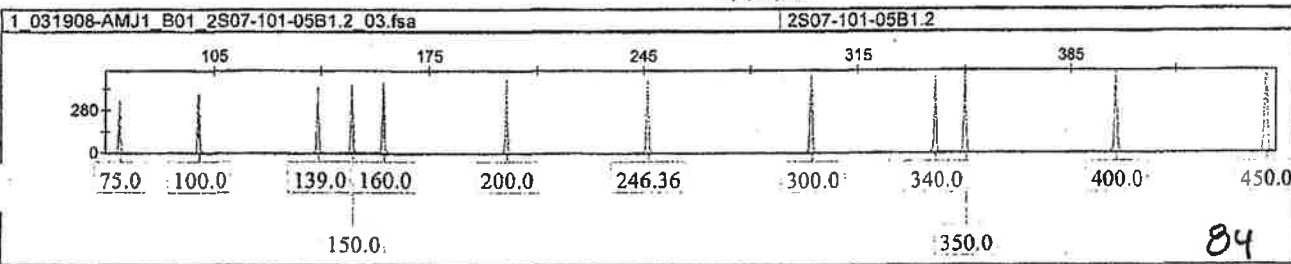
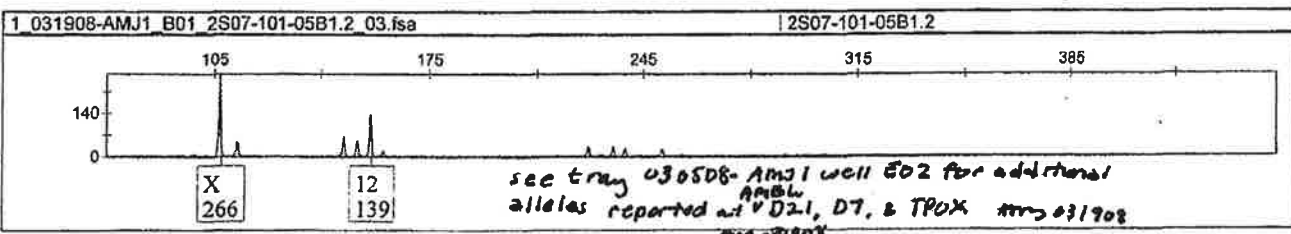
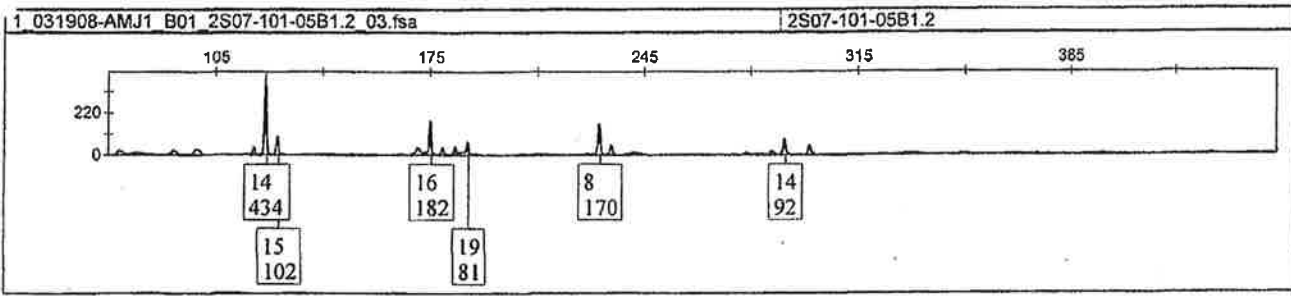
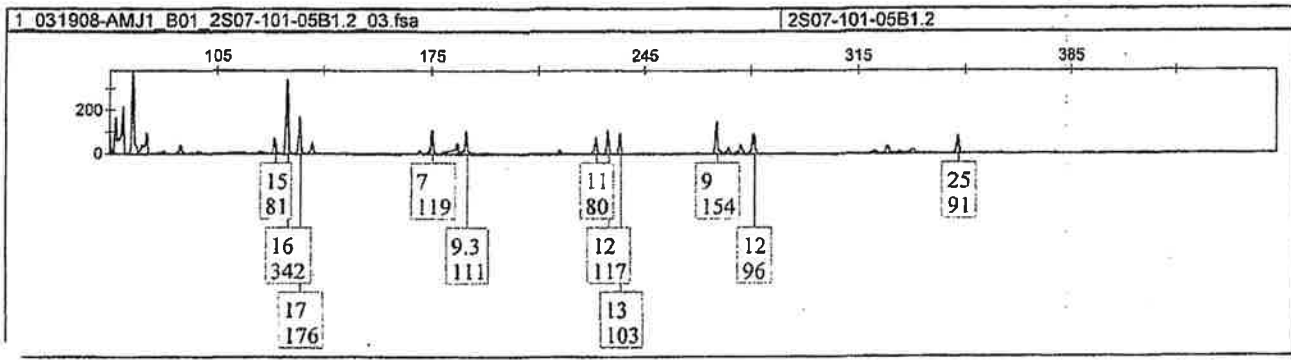
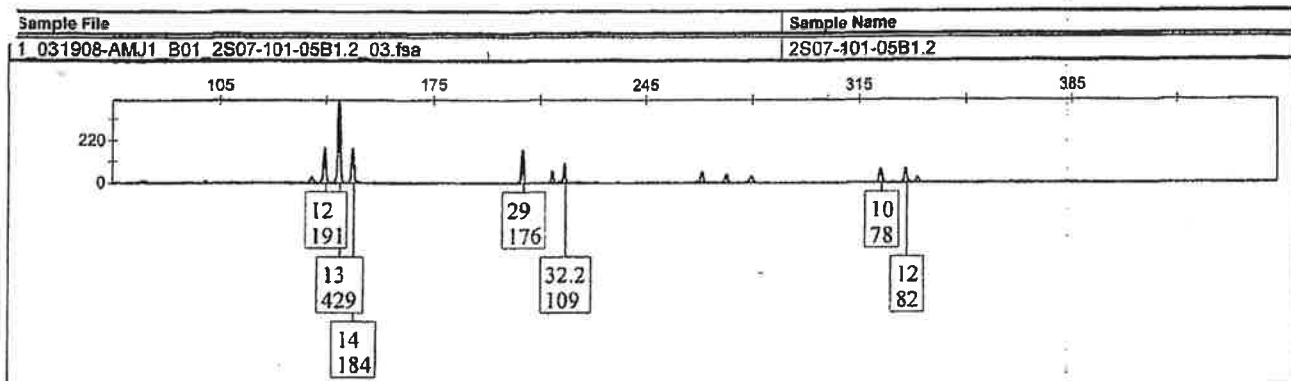




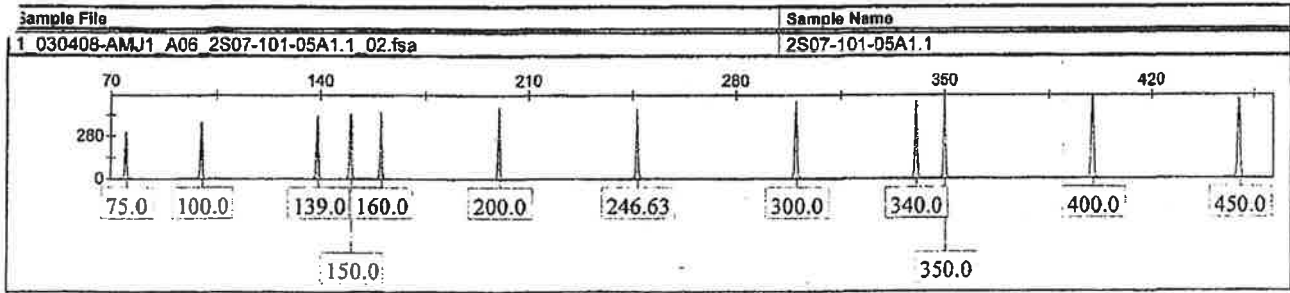






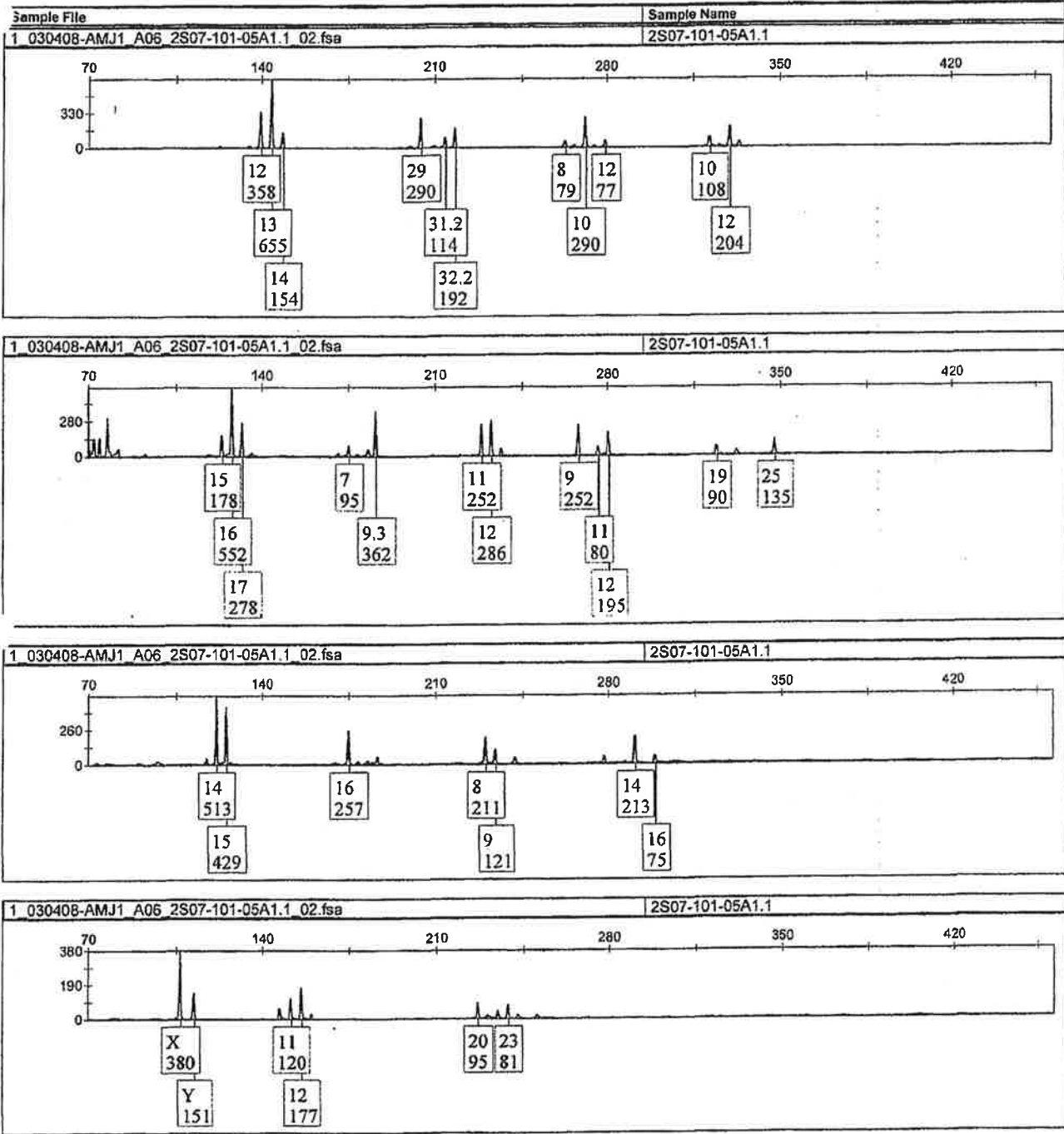


84



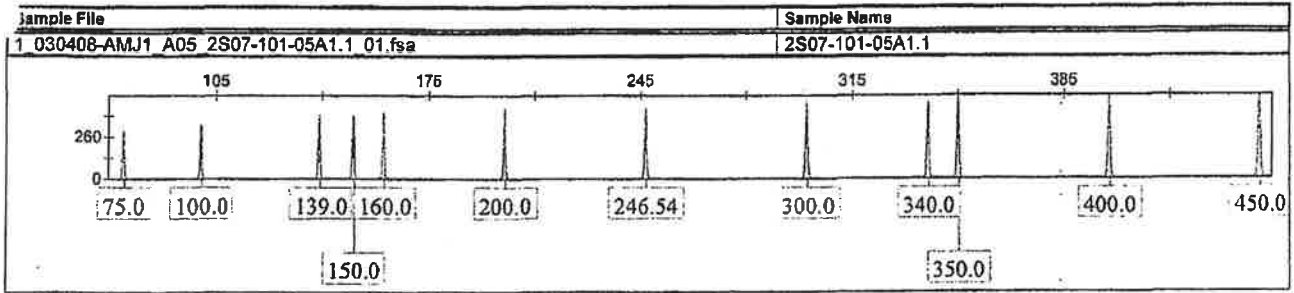
AMJ 030508

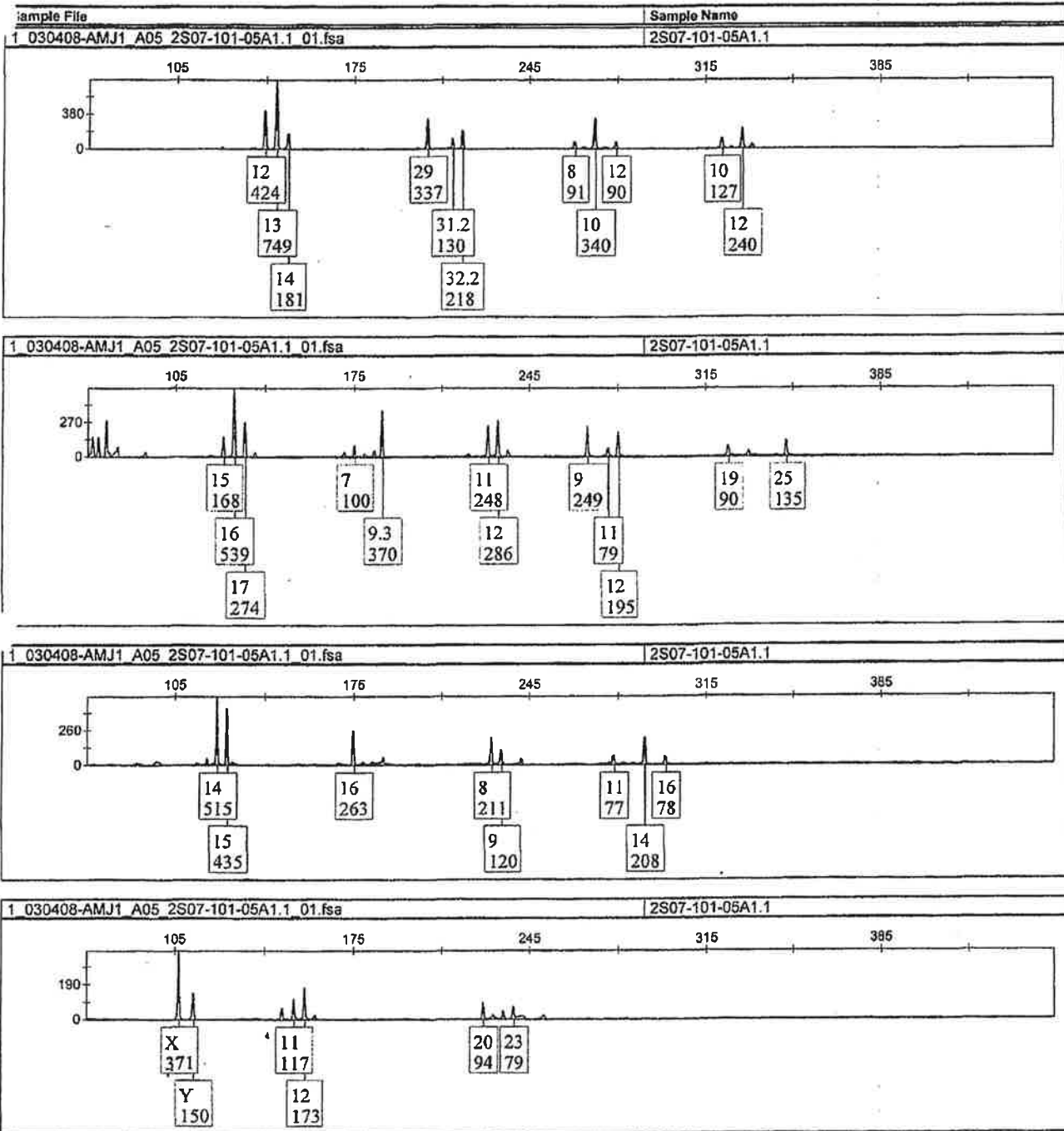
85

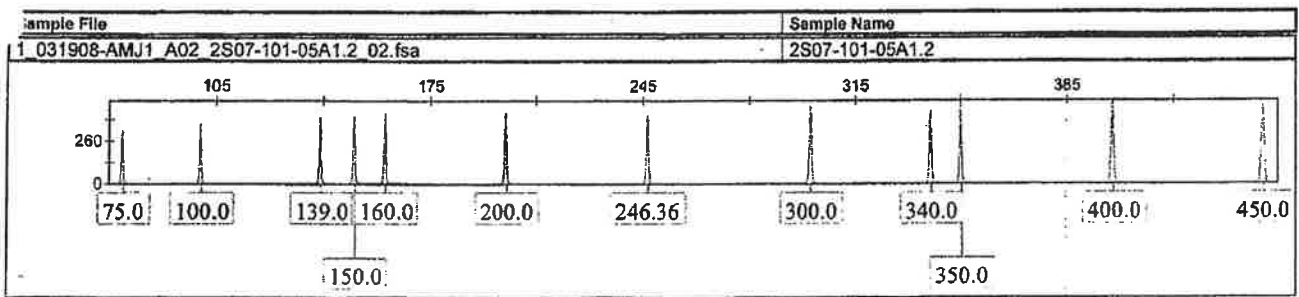


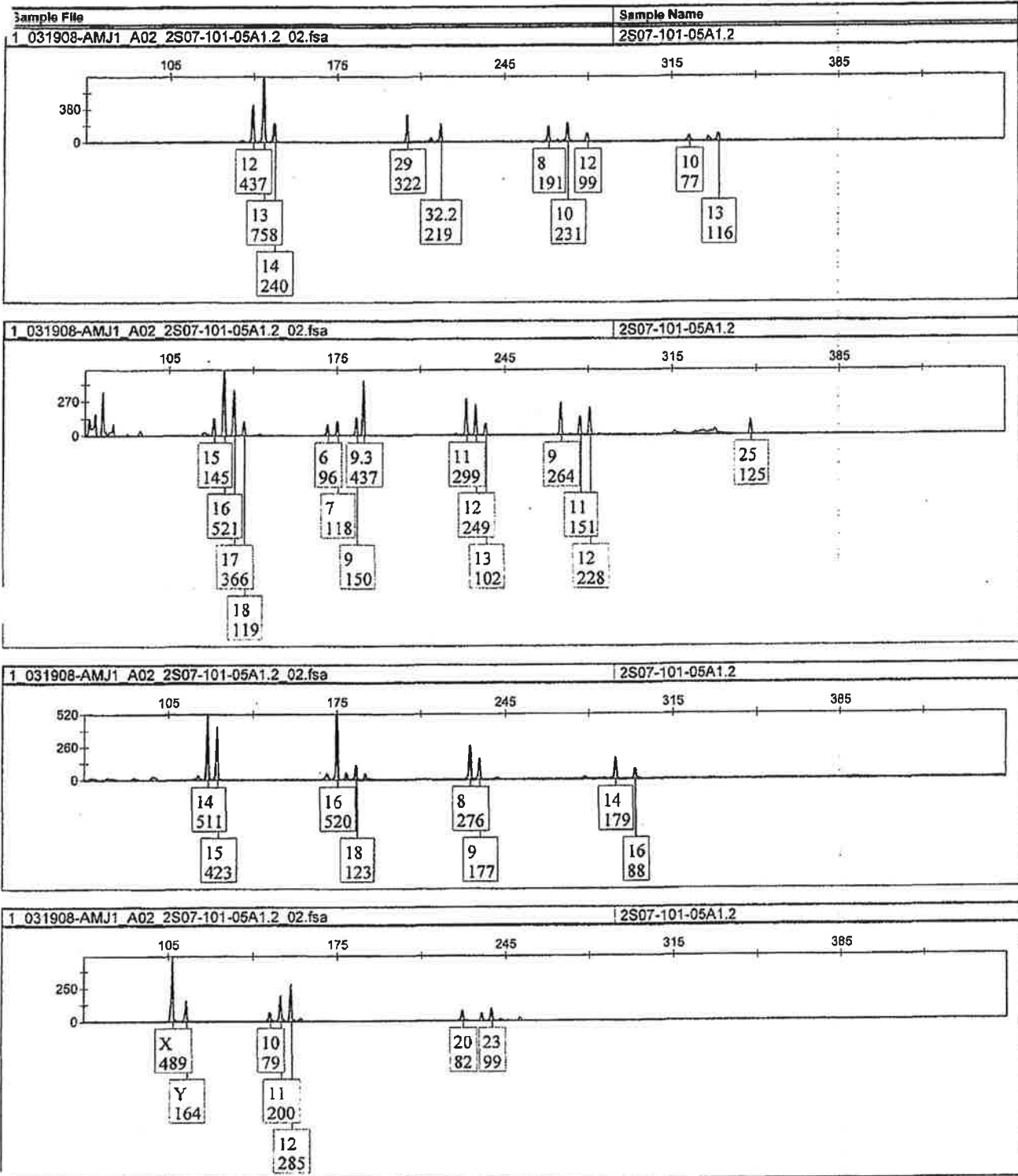
AMJ 030408

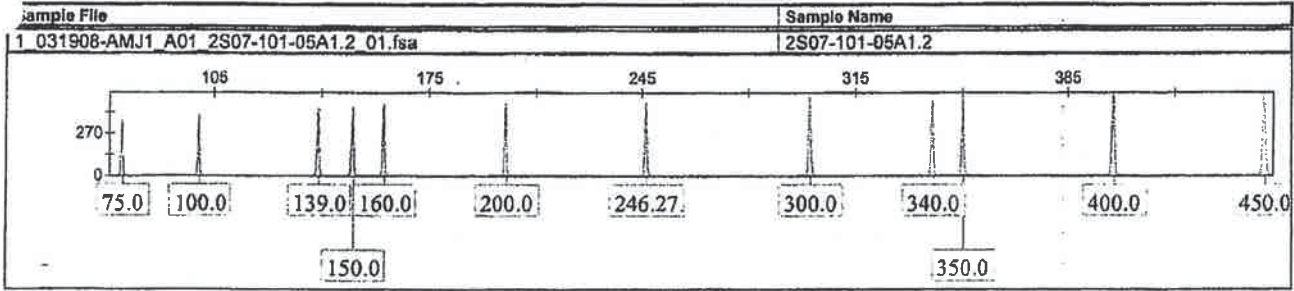
86

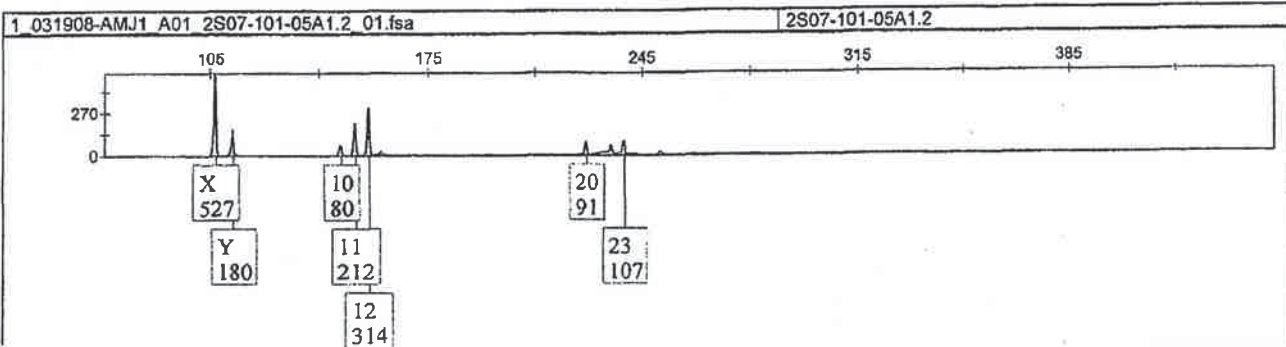
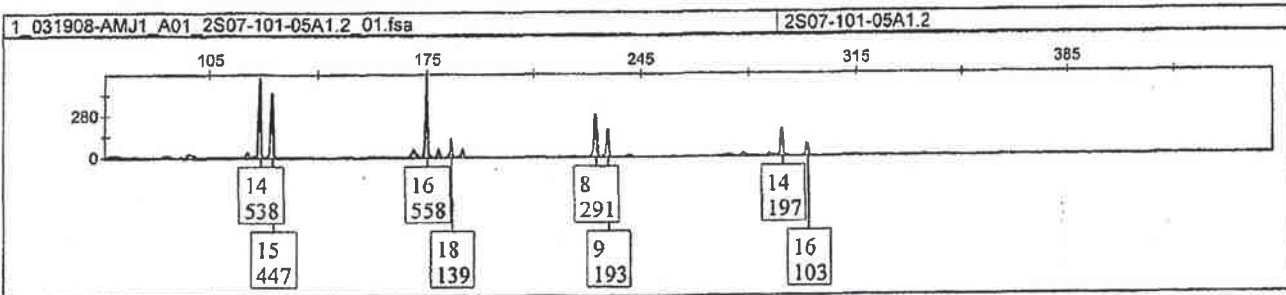
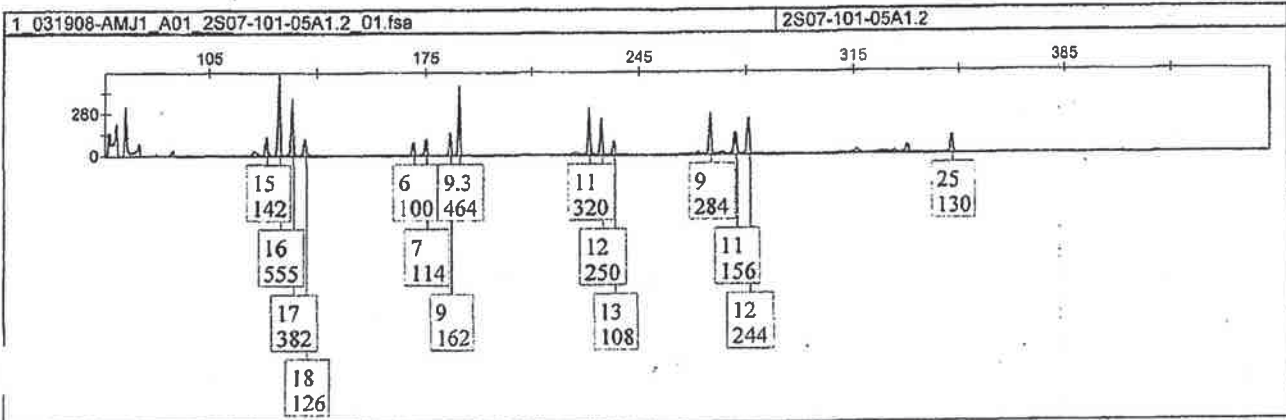
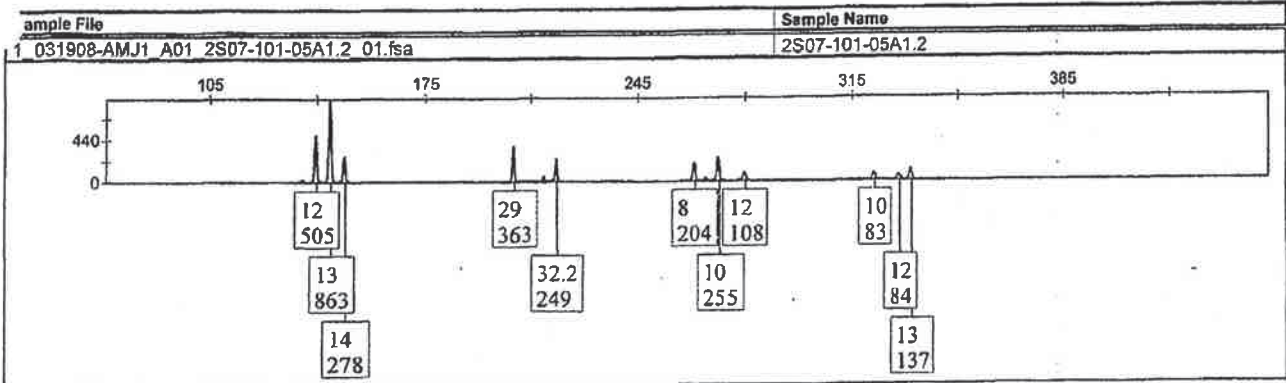












See tray 030408-AMJ1 well 105 for additional alleles reported at D21, D2, & D18.

AMJ031908

Case Submission Form



Bode Case No (To be filled out by Bode): 2S07-101

In order to process your DNA casework efficiently, these forms must be filled out and sent along with the evidence. Prior to submitting a case, please call Customer Services 1-866-BODE-4-ID (866-263-3443).

The Bode Technology Group
 10430 Furnace Rd. Suite 107
 Lorton, VA 22079
 Phone: 703-646-9740
 Fax: 703-646-9742
 www.bodetech.com

Submitting Agency Reference/Case No: 96DA21871

Case Background:
 The body of JonBenet Ramsey, a 6 year-old Caucasian female, was discovered by her father in a seldom-used basement-level room of their Boulder, Colorado home on December 26, 1996. Rigor mortis was set at the time of discovery of the body. The child was found with a garotte encircling her neck, causing a deep furrow. The opposite end of the garotte was tied around a broken paintbrush handle. JonBenet's right wrist was loosely bound with a rope of a type similar to that of the garotte. JonBenet also suffered a large fracture to the right side of her skull with subarachnoid and subdural hemorrhages. Foreign male DNA was found in the crotch and leg band areas of her underwear.

Please specify platform (AB/Hitachi), kit (Co/Pro+, ID, PP16, PP16BIO, PPY), and software (GS/GT, GMID) preference, if desired:

List Evidence Items:	DNA Testing Requested (STR, Y-STR, mtDNA, Blood Pre-Screen, Semen Pre-Screen, Saliva Pre-Screen, Hair Examination)	Permission to Consume (if necessary)
1. Ligature from neck. BPD# 022TET, CBI# 008	STR	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2. Broken paintbrush handle (attached to #1 above)	STR	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3. Ligature from right wrist. BPD# 018TET, CBI# 166	STR	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
4. "Wednesday" panties. BPD#021TET, CBI# 7	STR	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5. White long underwear bottoms. BPD020TET, CBI# 6	STR	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
		<input type="checkbox"/> Yes <input type="checkbox"/> No
		<input type="checkbox"/> Yes <input type="checkbox"/> No
		<input type="checkbox"/> Yes <input type="checkbox"/> No

Please specify any special evidence storage requirements:

I hereby certify that the information provided above on Pages 1 and 2 of the Case Submission Form is accurate to the best of my knowledge. I understand that I will be charged for services according to the fee schedule that I have received.

Print Name Andy Horita Signature [Handwritten Signature]

Please submit this completed form with the evidence. All evidence items must be shipped to the address below via overnight delivery using a traceable carrier (i.e. FedEx, UPS, DHL, Priority Mail). The evidence should be shipped to:

ATTN: EVIDENCE DEPARTMENT
 Bode Technology
 10430 Furnace Rd. Suite 107
 Lorton, VA 22079
 Toll Free: 866-Bode-4-ID, Local: 703-646-9740

2507-101
 Amy 032008 93

Case Submission Form



Bode Case No (To be filled out by Bode): 2807-101

In order to process your DNA casework efficiently, these forms must be filled out and sent along with the evidence. Prior to submitting a case, please call Customer Services 1-866-BODE-4-ID (866-263-3443).

The Bode Technology Group
10430 Furnace Rd. Suite 107
Lorton, VA 22079
Phone: 703-646-9740
Fax: 703-646-9742
www.bodetech.com

Submitting Agency: Boulder District Attorney's Office

Date: Dec 3, 2007

Name: Inv. Andy Horita

Phone Number: 303-441-4708

Select the type of Submission:

- Initial Evidence Submission Additional Evidence Submission (Please fill in Bode Case number at the top of the page)

Select the type of Service:

- Standard Service - Our standard service provides complete analysis of your samples when rush services are not required. Critical Investigation Service - This is the fastest service offered. Please contact Customer Service for turn-around-time (Additional charge per sample).

Authorized Point(s) of Contact:

Name: Andy Horita
Agency: Boulder District Attorney's Office
Title: Investigator
Phone Number: 303-441-4708
Fax Number: 303-441-4770
Cell Phone/Pager: _____
Email Address: ahorita@co.boulder.co.us

Name: Bill Nagel
Agency: Boulder District Attorney's Office
Title: Assistant District Attorney
Phone Number: 303-441-4772
Fax Number: 303-441-4703
Cell Phone/Pager: _____
Email Address: bnagel@co.boulder.co.us

Mailing Address (Where The Report Should be Sent):

Name: Inv. Andy Horita
Agency: Boulder District Attorney's Office
Address: 1777 6th Street
City/State/Zip: Boulder, CO 80302
Phone Number: 303-441-4708
Fax Number: 303-441-4770
Email Address: ahorita@co.boulder.co.us

Billing Address:

Name: Susan Ingraham
Agency: Boulder District Attorney's Office
Address: PO Box 471
City/State/Zip: Boulder, CO 80306
Phone Number: 303-441-3774
Fax Number: 303-441-4703
Email Address: singraham@co.boulder.co.us

Evidence Return Address:

Name: Inv. Andy Horita
Agency: Boulder District Attorney's Office
Address: 1777 6th Street
City/State/Zip: Boulder, CO 80302
Phone Number: 303-441-4708
Email Address: ahorita@co.boulder.co.us

Select type of Evidence Return:

- Evidence should be returned upon delivery of the case report.
 Evidence should be returned upon written request from the Authorized Point of Contact(s).

2807-101
Amy 032008 94

CHAIN OF CUSTODY

The Bode Technology Group, Inc.

Case Number: 2S07-101

Agency ID Number: 96DA21871

Submitting Agency Information

Name Boulder District Attorney's Office
 Address 1777 6th Street
Boulder, CO 80302

Victim _____
 Suspect _____

Contact/Attorney Inv. Andy Horita

Phone Number 303-441-4708

Additional Authorized Contacts

ADA Bill Nagel

Phone Number 303-441-4772

ahorita@co.boulder.co.us

bnagel@co.boulder.co.us

Custody Record

Method of Delivery to Bode Hand to Hand

Condition Good (Sealed)

Date Delivered 12/3/2007 Time: 115 pm

Delivered By Andy Horita

Signature [Signature]

Delivered To JOANN TORACIO, for EMS

Signature [Signature]

Date	Item No.	Released by (name)	Received by (name)	Purpose of change:
<u>12/3/07</u> <u>12:3 pm</u>	<u>01-05</u>	<u>JOANN TORACIO for EMS</u>	<u>Angela Williams</u>	<u>Examination Strategy/Analysis</u>
<u>1/18/08</u> <u>2:25 pm</u>	<u>01-05</u>	<u>Angela Williams</u>	<u>JOANN TORACIO for EMS</u>	<u>Storage</u>
<u>1/18/08</u> <u>2:25 pm</u>	<u>01-05</u>	<u>JOANN TORACIO for EMS</u>	<u>Amy Jeanguenat</u>	<u>analysis</u>
<u>1/18/08</u> <u>3:27 pm</u>	<u>01-05</u>	<u>Amy Jeanguenat</u>	<u>JOANN TORACIO for EMS</u>	<u>Storage</u>
				FINAL DISPOSITION

Evidence Inventory

Bode Case #	Agency Item ID	Agency Description
<u>2S07-101-01</u>		<u>Labeled as "Ligature from neck. BPD# 022TET, CB# 008"</u>
<u>2S07-101-02</u>		<u>Labeled as "Broken paintbrush handle (attached to #1 above)"</u>
<u>2S07-101-03</u>		<u>Labeled as "Ligature from right wrist. BPD# 018TET, CB# 166"</u>
<u>2S07-101-04</u>		<u>Labeled as "Wednesday" panties. BPD#021TET, CB# 7"</u>
<u>2S07-101-05</u>		<u>Labeled as "White long underwear bottoms. BPD#020TET, CB# 6"</u>

Storage of Evidence: Secure evidence room

The Bode Technology Group, Inc.

Form COC1 Rev 2.0 9/25/2006

amy 032/08
COPY

95

Track Shipments/FedEx Kinko's Orders
Detailed Results

Quick Help

Tracking number	829701123022	Delivered to	Shipping/Receiving
Signed for by	S.HALAS	Service type	Priority Pak
Ship date	Jan 22, 2008	Weight	1.0 lbs.
Delivery date	Jan 23, 2008 9:37 AM		
Status	Delivered		
Signature image available	Yes		

Date/Time	Activity	Location	Details
Jan 23, 2008	9:37 AM	Delivered	
	8:13 AM	On FedEx vehicle for delivery	WEST SPRINGFIELD, VA
	7:10 AM	At local FedEx facility	WEST SPRINGFIELD, VA
	6:14 AM	At dest sort facility	DULLES, VA
	3:50 AM	Departed FedEx location	MEMPHIS, TN
Jan 22, 2008	12:59 AM	Arrived at FedEx location	MEMPHIS, TN
	7:22 PM	Left origin	BOULDER, CO
	4:23 PM	Picked up	BOULDER, CO

[Signature proof](#) [E-mail results](#) [Track more shipments/orders](#)

Subscribe to tracking updates (optional)

Your name: Your e-mail address:

E-mail address	Language	Exception updates	Delivery updates
	English	<input type="checkbox"/>	<input type="checkbox"/>
	English	<input type="checkbox"/>	<input type="checkbox"/>
	English	<input type="checkbox"/>	<input type="checkbox"/>
	English	<input type="checkbox"/>	<input type="checkbox"/>

Select format: HTML Text Wireless

Add personal message:

Not available for Wireless or non-English characters.

By selecting this check box and the Submit button, I agree to these [Terms and Conditions](#)

2507-101
Amg 032008 96
http://www.fedex.com/Tracking/Detail?fc_start_url=&totalPieceNum=&backTo=&templ... 1/23/2008

Case Submission Form



Bode Case No (To be filled out by Bode): 2507-101

In order to process your DNA casework efficiently, these forms must be filled out and sent along with the evidence. Prior to submitting a case, please call Customer Services 1-866-BODE-4-ID (866-263-3443).

The Bode Technology Group
 10430 Furnace Rd. Suite 107
 Lorton, VA 22079
 Phone: 703-646-9740
 Fax: 703-646-9742
 www.bodetech.com

Submitting Agency Reference/Case No: 96DA21871

Case Background:
 See original case submission form.

Please specify platform (AB/Hitachi), kit (Co/Pro+, ID, PP16, PP16BIO, PPY), and software (GS/GT, GMID) preference, if desired:

List Evidence Items:	DNA Testing Requested (STR, Y-STR, mtDNA, Blood Pre-Screen, Semen Pre-Screen, Saliva Pre-Screen, Hair Examination)	Permission to Consume (if necessary)
1. Cutting from crotch of underwear. BPD# 110KKY	STR	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
		<input type="checkbox"/> Yes <input type="checkbox"/> No
		<input type="checkbox"/> Yes <input type="checkbox"/> No
		<input type="checkbox"/> Yes <input type="checkbox"/> No

Please specify any special evidence storage requirements:

I hereby certify that the information provided above on Pages 1 and 2 of the Case Submission Form is accurate to the best of my knowledge. I understand that I will be charged for services according to the fee schedule that I have received.

Print Name Andy Horita Signature [Handwritten Signature]

Please submit this completed form with the evidence. All evidence items must be shipped to the address below via overnight delivery using a traceable carrier (i.e. FedEx, UPS, DHL, Priority Mail). The evidence should be shipped to:

ATTN: EVIDENCE DEPARTMENT
 Bode Technology
 10430 Furnace Rd. Suite 107
 Lorton, VA 22079
 Toll Free: 866-Bode-4-ID, Local: 703-646-9740

2507-101
 AM 032008 97

Print Form

Case Submission Form



Bode Case No (To be filled out by Bode): 2507-101

In order to process your DNA casework efficiently, these forms must be filled out and sent along with the evidence. Prior to submitting a case, please call Customer Services 1-866-BODE-4-ID (866-263-3443).

The Bode Technology Group
10430 Furnace Rd. Suite 107
Lorton, VA 22079
Phone: 703-646-9740
Fax: 703-646-9742
www.bodetech.com

Submitting Agency: Boulder District Attorney's Office

Date: Dec 3, 2007

Name: Inv. Andy Horita

Phone Number: 303-441-4708

Select the type of Submission:

- Initial Evidence Submission
- Additional Evidence Submission (Please fill in Bode Case number at the top of the page)

Select the type of Service:

- Standard Service - Our standard service provides complete analysis of your samples when rush services are not required.
- Critical Investigation Service - This is the fastest service offered. Please contact Customer Service for turn-around-time (Additional charge per sample).

Authorized Point(s) of Contact:

Name: Andy Horita
 Agency: Boulder District Attorney's Office
 Title: Investigator
 Phone Number: 303-441-4708
 Fax Number: 303-441-4770
 Cell Phone/Pager: _____
 Email Address: ahorita@co.boulder.co.us

Name: Bill Nagel
 Agency: Boulder District Attorney's Office
 Title: Assistant District Attorney
 Phone Number: 303-441-4772
 Fax Number: 303-441-4703
 Cell Phone/Pager: _____
 Email Address: bnagel@co.boulder.co.us

Mailing Address (Where The Report Should be Sent):

Name: Inv. Andy Horita
 Agency: Boulder District Attorney's Office
 Address: 1777 6th Street
 City/State/Zip: Boulder, CO 80302
 Phone Number: 303-441-4708
 Fax Number: 303-441-4770
 Email Address: ahorita@co.boulder.co.us

Billing Address:

Name: Susan Ingraham
 Agency: Boulder District Attorney's Office
 Address: PO Box 471
 City/State/Zip: Boulder, CO 80306
 Phone Number: 303-441-3774
 Fax Number: 303-441-4703
 Email Address: singraham@co.boulder.co.us

Evidence Return Address:

Name: Inv. Andy Horita
 Agency: Boulder District Attorney's Office
 Address: 1777 6th Street
 City/State/Zip: Boulder, CO 80302
 Phone Number: 303-441-4708
 Email Address: ahorita@co.boulder.co.us

Select type of Evidence Return:

- Evidence should be returned upon delivery of the case report.
- Evidence should be returned upon written request from the Authorized Point of Contact(s).

2507-101
Amy 032008 98

CHAIN OF CUSTODY

The Bode Technology Group, Inc.

Case Number: 2S07-101

Agency ID Number: 96DA21871

Submitting Agency Information

Name Boulder District Attorney's Office
Address 1777 6th Street
Boulder, CO 80302

Victim _____
Suspect _____

Contact/Attorney Inv. Andy Horita

Phone Number 303-441-4708

Additional Authorized Contacts

ADA Bill Nagel

Phone Number 303-441-4772

ahorita@co.boulder.co.us

bnagel@co.boulder.co.us

Custody Record

Method of Delivery to Bode Fed Ex Condition Good (Sealed)
Date Delivered 1/23/2008 Time: 937 AM
Delivered By Fed Ex Signature TRK # 8297 0112 3022
Delivered To Shirley Salas Signature [Signature]

Date	Item No.	Released by (print)	Received by (print)	Purpose of change:
1/23/08 Time 9:00AM	06	Shirley Salas (sign) [Signature]	Joann Topacio, for EMS (sign) [Signature]	Accessioning/Storage
Date 01-31-08 Time 4:00PM	06	[Signature] (sign)	Amy Jeanavenat (sign) [Signature]	Purpose of change: analysis
Date 02-06-08 Time 4:00AM	06	Amy Jeanavenat (sign) [Signature]	Joann Topacio for EMS (sign) [Signature]	Purpose of change: storage
Date	Item No.	Released by (print)	Received by (print)	Purpose of change:
Time		(sign)	(sign)	
Date	Item No.	Released by (print)	Sent via:	Purpose of change:
Time		(sign)		FINAL DISPOSITION

Evidence Inventory

Bode Case #	Agency Item ID	Agency Description
2S07-101-06		Labeled as "Cutting from crotch of underwear. BPD# 110KKY"

Storage of Evidence: Secure evidence room freezer

try 032108
COPY 99