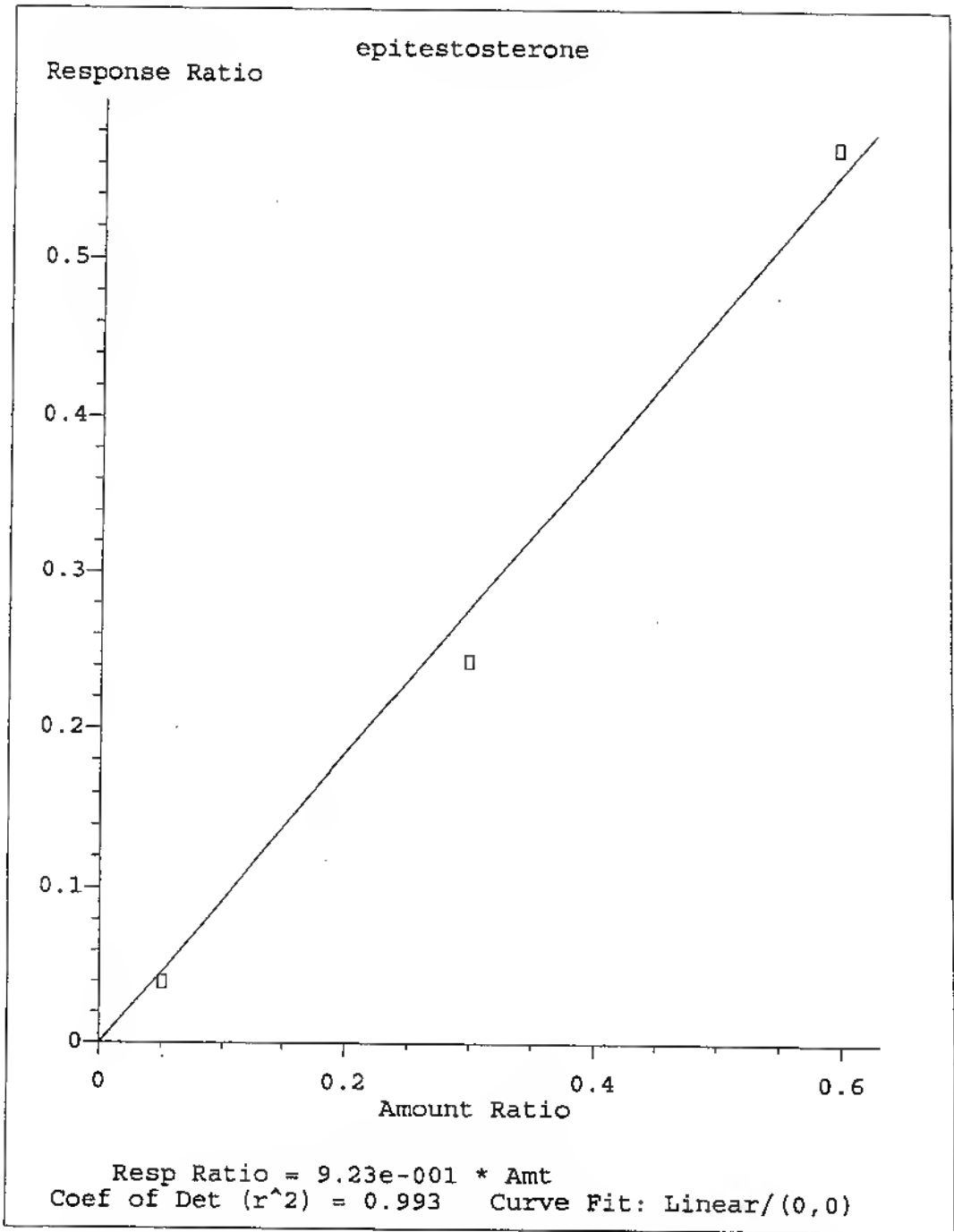


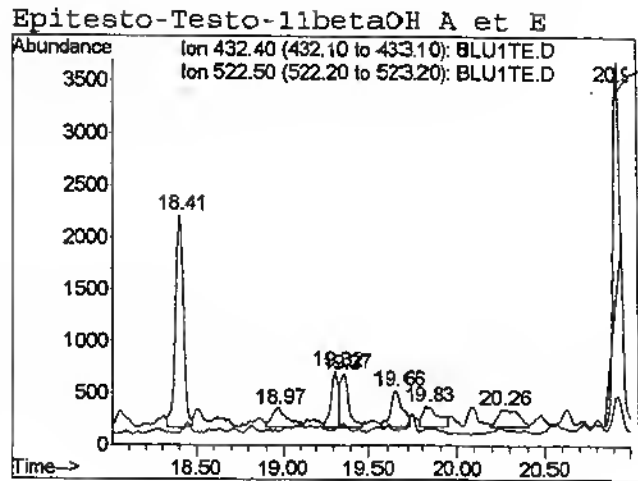
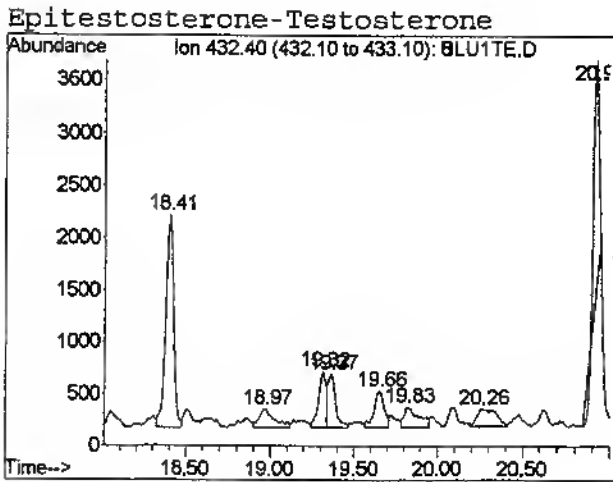
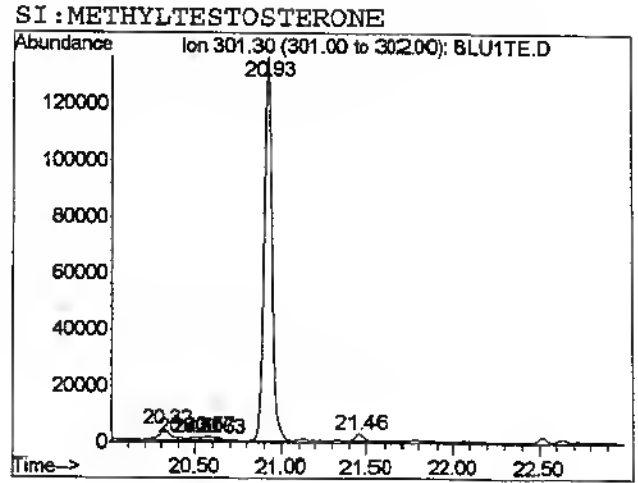
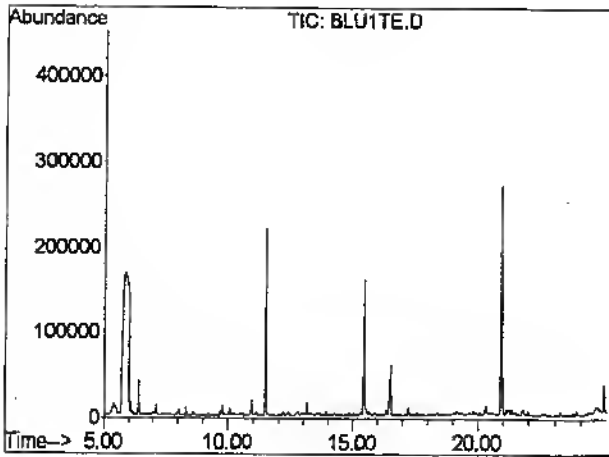
Method Name: D:\MSDCHEM\1\METHODS\MAN27.M  
Calibration Table Last Updated: Mon Jul 24 17:15:46 2006



Method Name: D:\MSDCHEM\1\METHODS\MAN27.M  
Calibration Table Last Updated: Mon Jul 24 17:15:46 2006

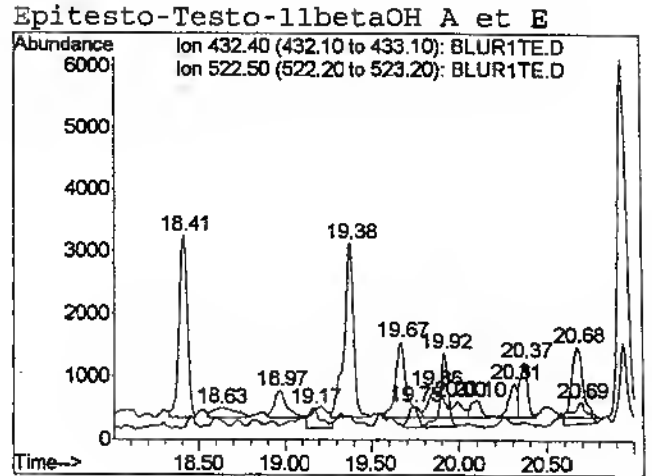
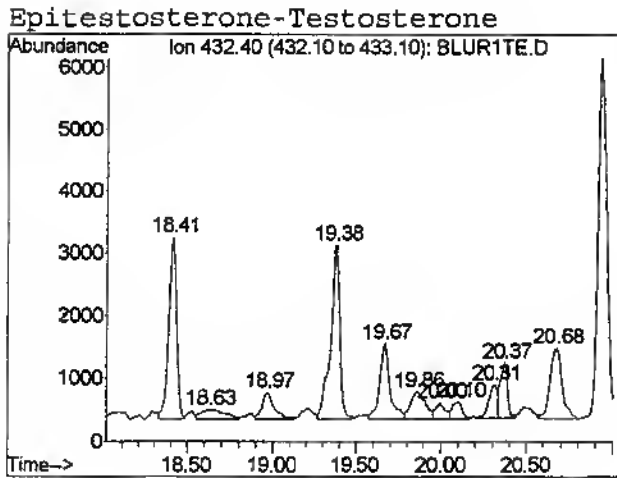
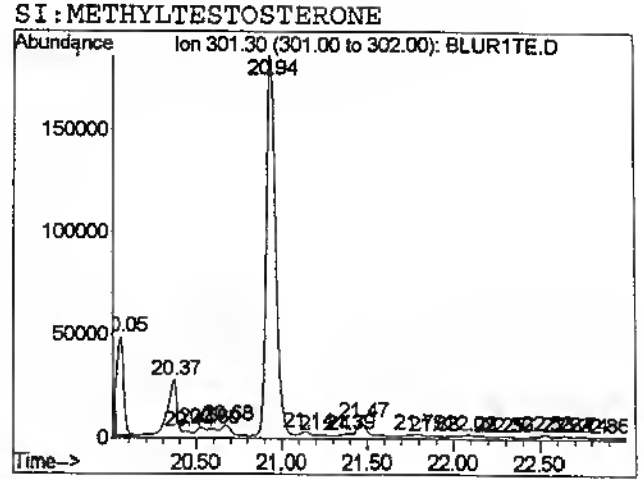
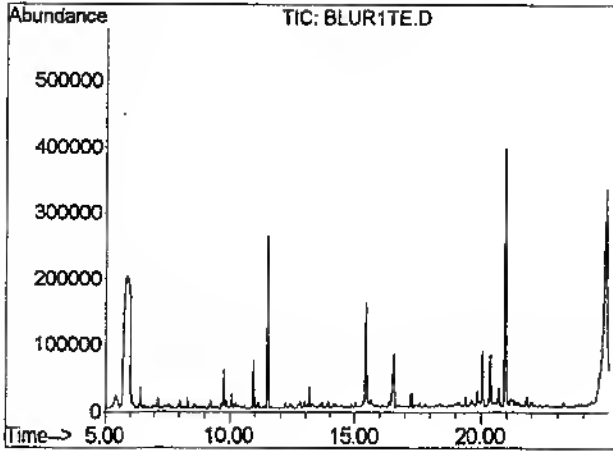
File: D:\Msd20\juil06\2407\BLU1TE.D  
Operator: 28  
Date Acquired: 24 Jul 2006 12:57  
Instrument: MSD 20  
Method File: MAN27  
Sample Name: blu te  
Misc Info:  
Vial Number : 3

Analyse quantitative: Testosterone/Epitestosterone



File: D:\Msd20\juil06\2407\BLUR1TE.D  
 Operator: 28  
 Date Acquired: 24 Jul 2006 14:30  
 Instrument: MSD 20  
 Method File: MAN27  
 Sample Name: blute  
 Misc Info:  
 Vial Number : 5

Analyse quantitative: Testosterone/Epitestosterone



Data File Path D:\MSD20\JUL06\2407\  
Data File Name 17807474.D  
Operator 28  
Date Acquired 7/24/2006 13:28  
Acq. Method File MAN27  
Sample Name 178/07 995474 1e  
Vial Number 4  
Calibration Title Quantification T/E (3 points)  
Last Calibration Update Mon Jul 24 17:15:46 2006

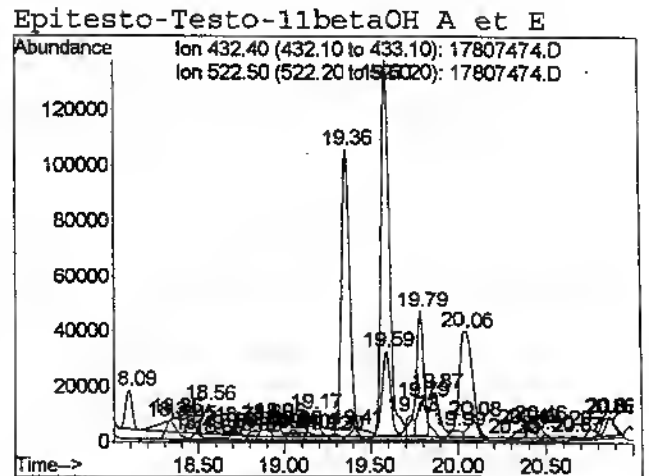
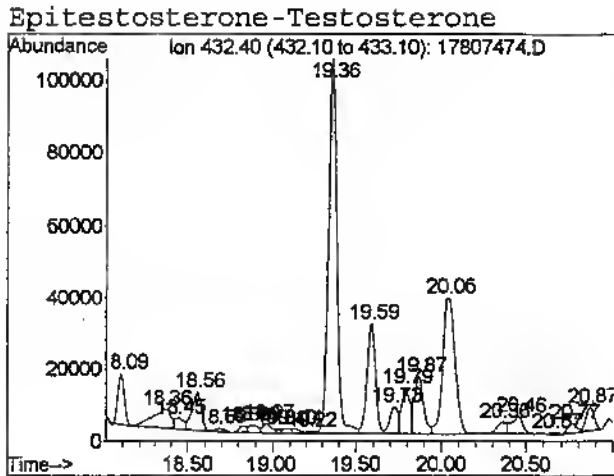
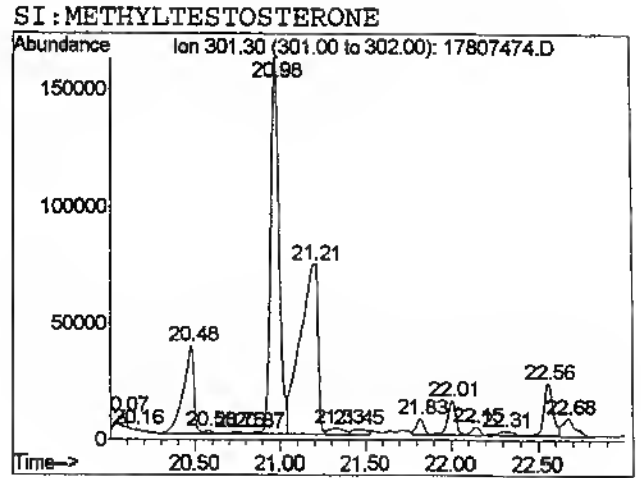
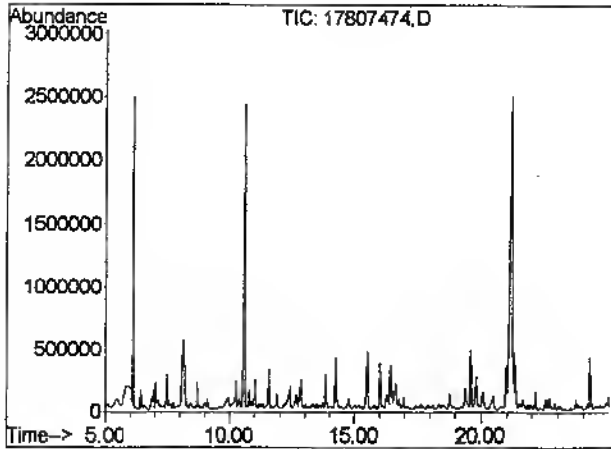
#	Peak Type	Ret Time	Signal	Name	Target Response	Amount	Units
1)	*ISTD	20.98	301.3	17méthyltestostérone	6399496	100.00	ng/ml
2)		18.56	432.4	epitestosterone	307234	5.20	ng/ml
3)		19.36	432.4	testosterone	3513238	81.37	ng/ml

## Calcul du rapport T/E

Surface	Concentration
11.4	11.8

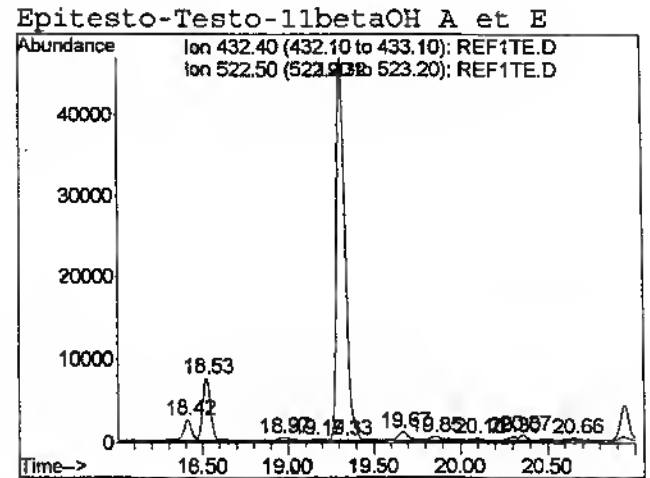
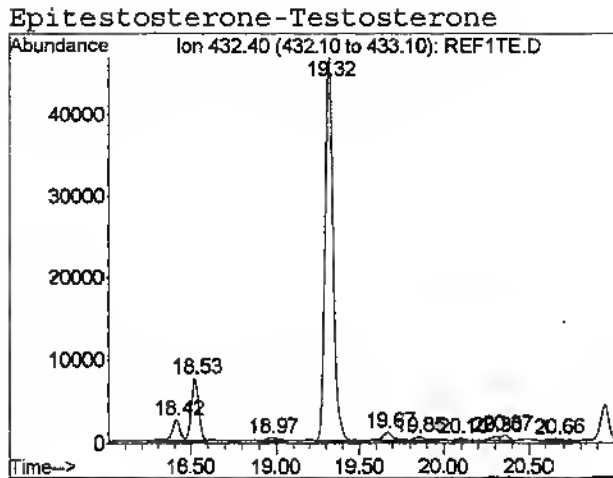
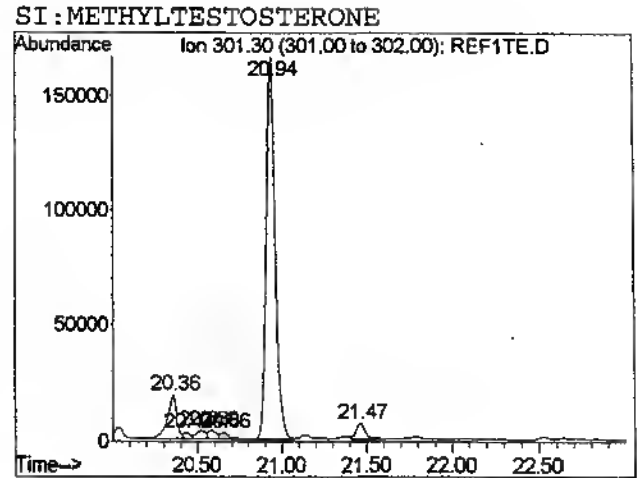
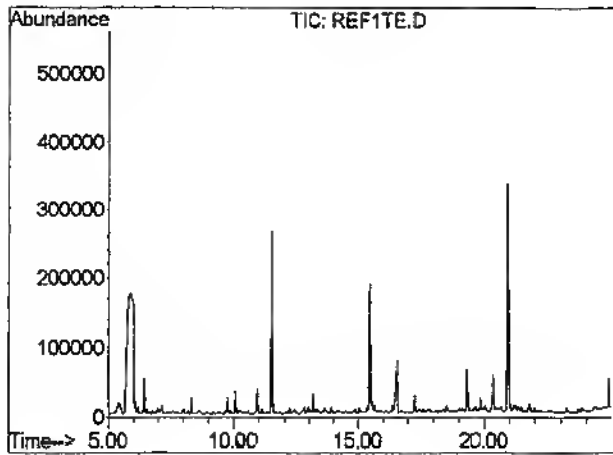
File: D:\Msd20\juil06\2407\17807474.D  
 Operator: 28  
 Date Acquired: 24 Jul 2006 13:28  
 Instrument: MSD 20  
 Method File: MAN27  
 Sample Name: 178/07 995474 te  
 Misc Info:  
 Vial Number : 4

Analyse quantitative: Testosterone/Epitestosterone



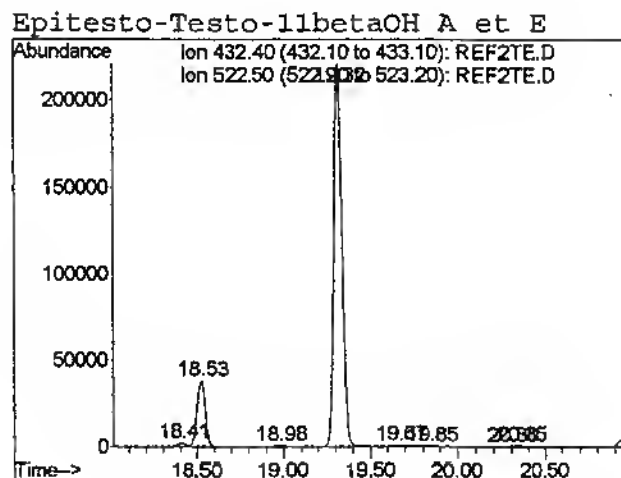
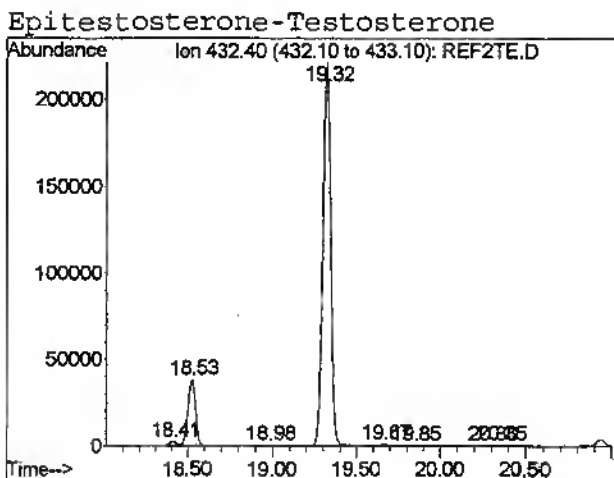
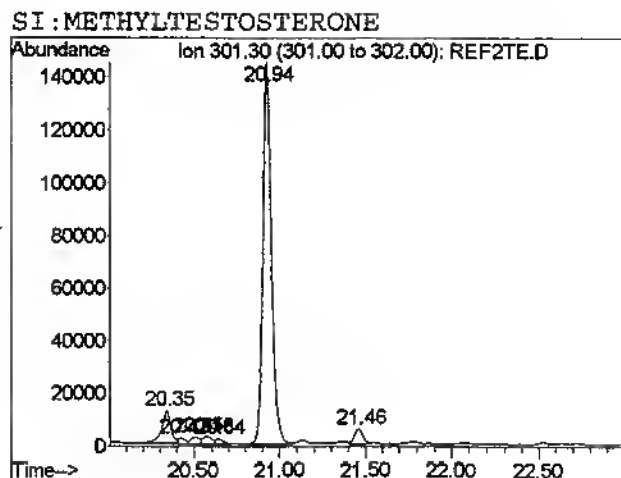
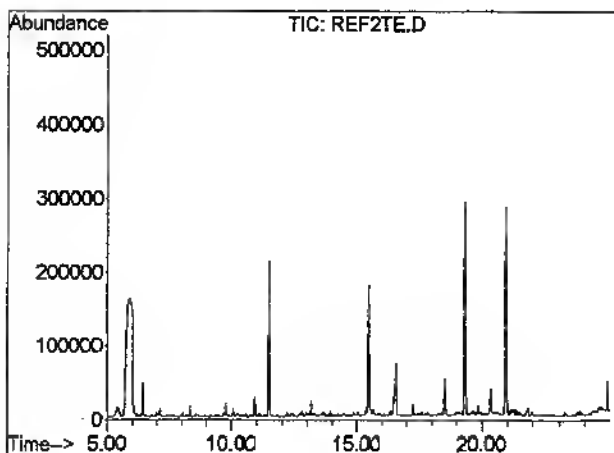
File: D:\msd20\juil06\2407\REF1TE.D  
 Operator: 28  
 Date Acquired: 24 Jul 2006 15:01  
 Instrument: MSD 20  
 Method File: MAN27  
 Sample Name: blu t30 e5  
 Misc Info:  
 Vial Number : 6

Analyse quantitative: Testosterone/Epitestosterone



File: D:\Ms20\juil06\2407\REF2TE.D  
 Operator: 28  
 Date Acquired: 24 Jul 2006 15:32  
 Instrument: MSD 20  
 Method File: MAN27  
 Sample Name: blu t180 e30  
 Misc Info:  
 Vial Number : 7

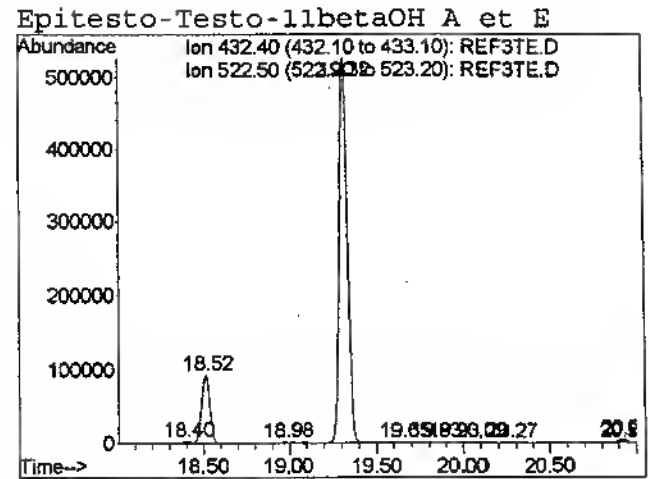
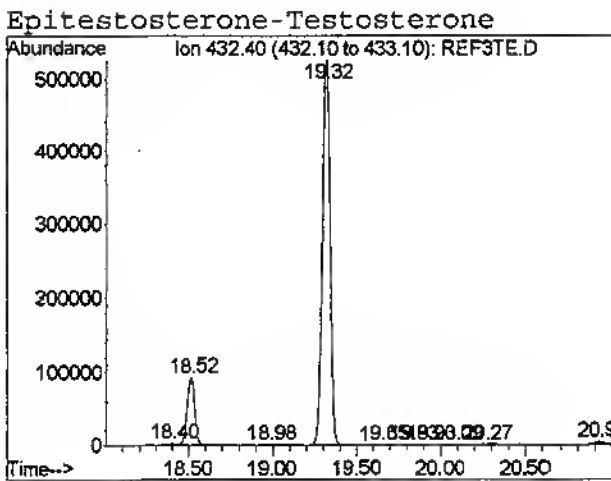
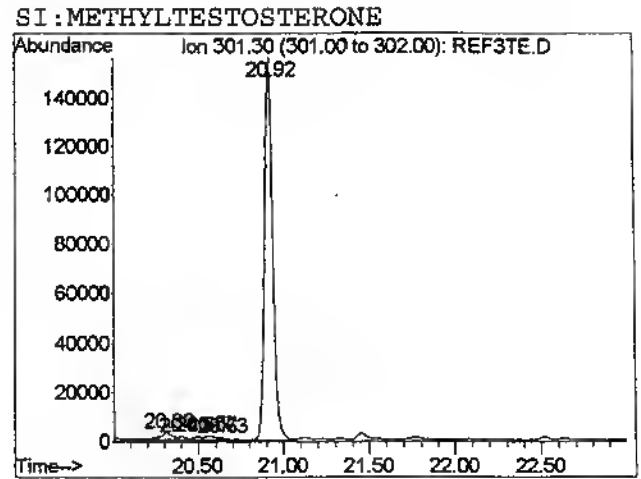
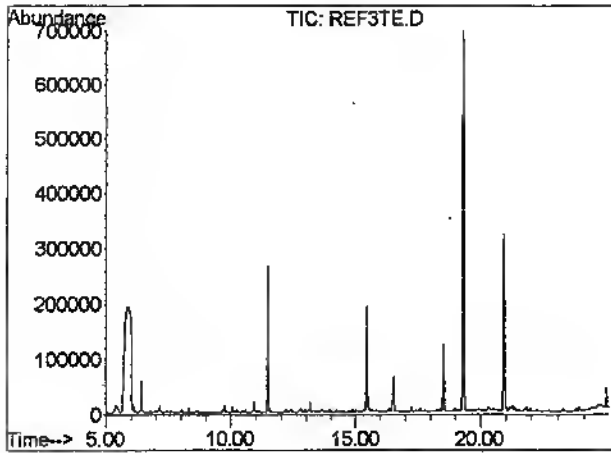
Analyse quantitative: Testosterone/Epitestosterone





File: D:\Msd20\juil06\2407\REF3TE.D  
Operator: 28  
Date Acquired: 24 Jul 2006 16:02  
Instrument: MSD 20  
Method File: MAN27  
Sample Name: blu t360 e60  
Misc Info:  
Vial Number : 8

Analyse quantitative: Testosterone/Epitestosterone



LNDD	ENREGISTREMENT	Codification : E-CC-11 Version : B Date : 08/03/2006 1/1
<b>VERIFICATION DES PERFORMANCES INSTRUMENTALES EN CG/SM</b> (screening et confirmation)		

Numéro d'identification de l'appareil : **MSD20**

Date : **26/04/06**

**1 - Source d'ionisation**

MSD Autotune : Ion 69 ou 219 majoritaire  
Autotune : Abondance de l'ion 502 > 3%  
Repeller < 35  
Polaris Ion time > 2 ms

Oui Non

<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

Observations :

**2 - Etanchéité du système**

MSD / 18/69 (H2O), 28/69 (N2), 32/69 (O2),  
44/69 (CO2) < 10%  
Polaris Air et eau : Intensité ion 19 < intensité ion 18

Oui Non

<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

Observations :

**3 - Sensibilité**

Screening Recal / Mix conforme  
Conf TP conforme - Fichier : **TP 4TE**  
TP conforme - Fichier :  
TP conforme - Fichier :  
TP conforme - Fichier :  
TP conforme - Fichier :

Oui Non

<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

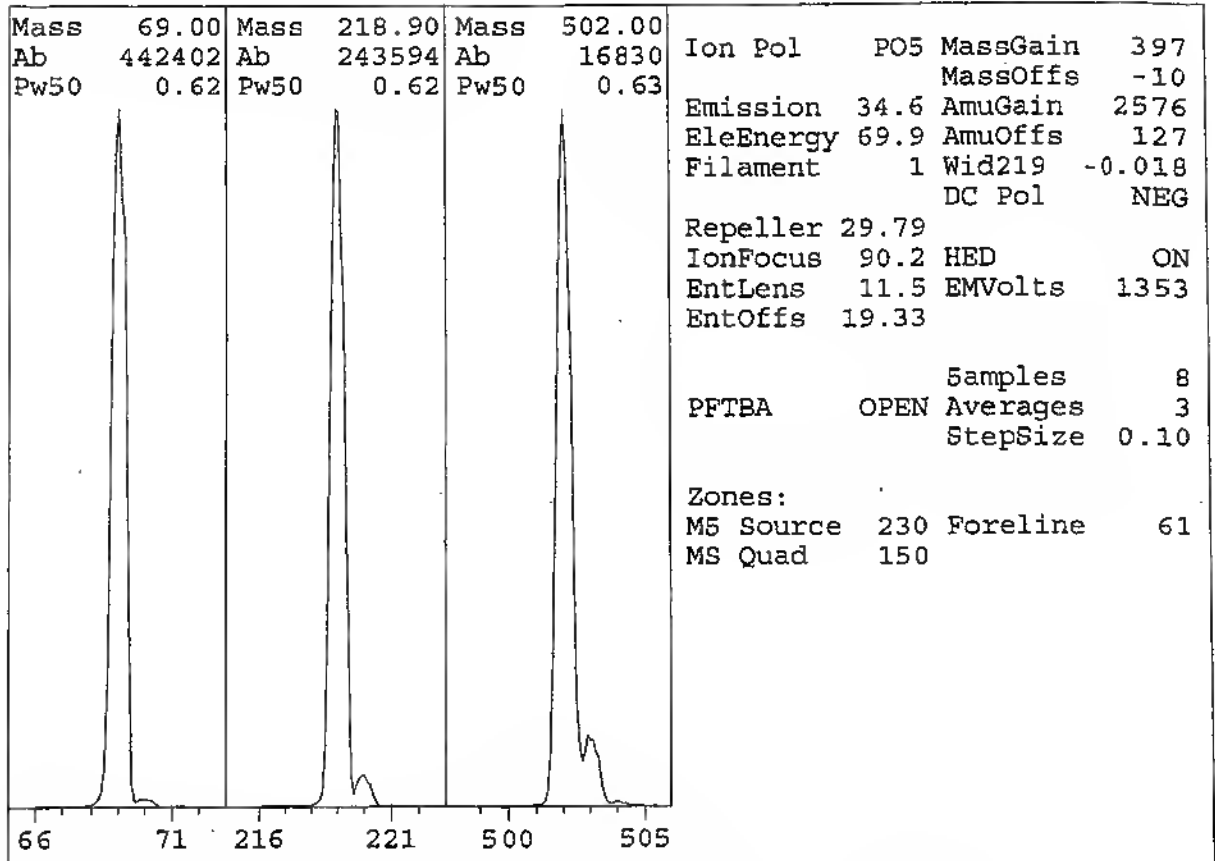
Observations :

Code opérateur et paraphe : **Brre E**

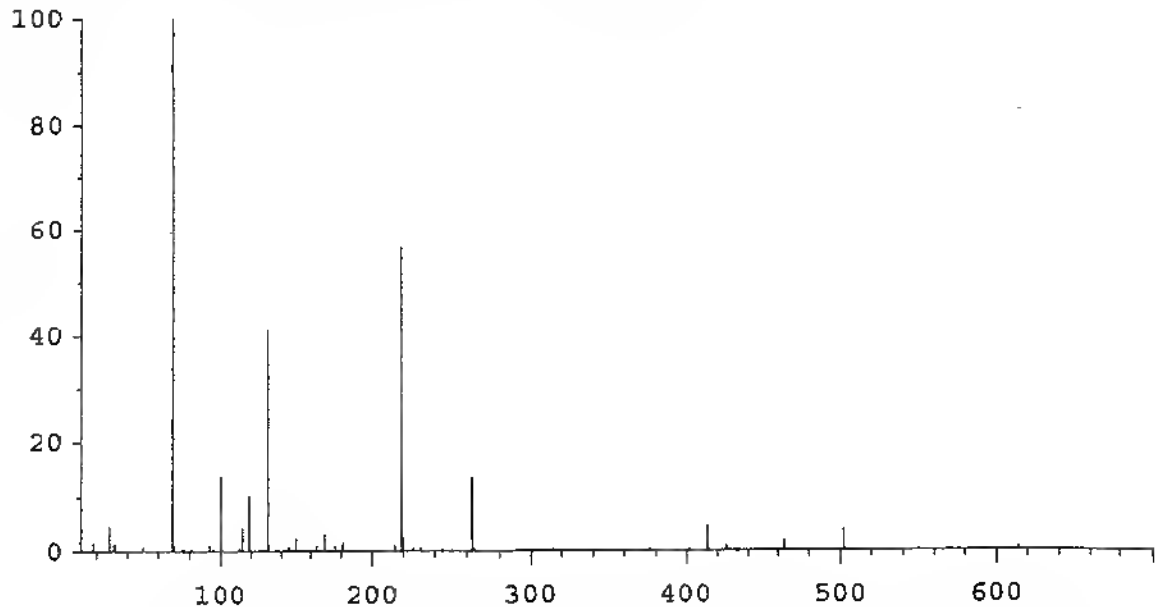
*Cet enregistrement est à archiver dans le classeur C-MA-Ech de l'appareil*

Instrument: MSD 20  
 Mon Jul 24 11:14:38 2006

D:\MSDCHEM\1\5973N\ATUNE.U



Scan: 10.00 - 700.00 Samples: 8 Thresh: 100 Step: 0.10  
 127 peaks Base: 69.00 Abundance: 397824



Mass	Abund	Rel Abund	Iso Mass	Iso Abund	Iso Ratio
69.00	397824	100.00	70.00	4362	1.10
219.00	225088	56.58	220.00	9995	4.44
502.00	15492	3.89	503.00	1554	10.03

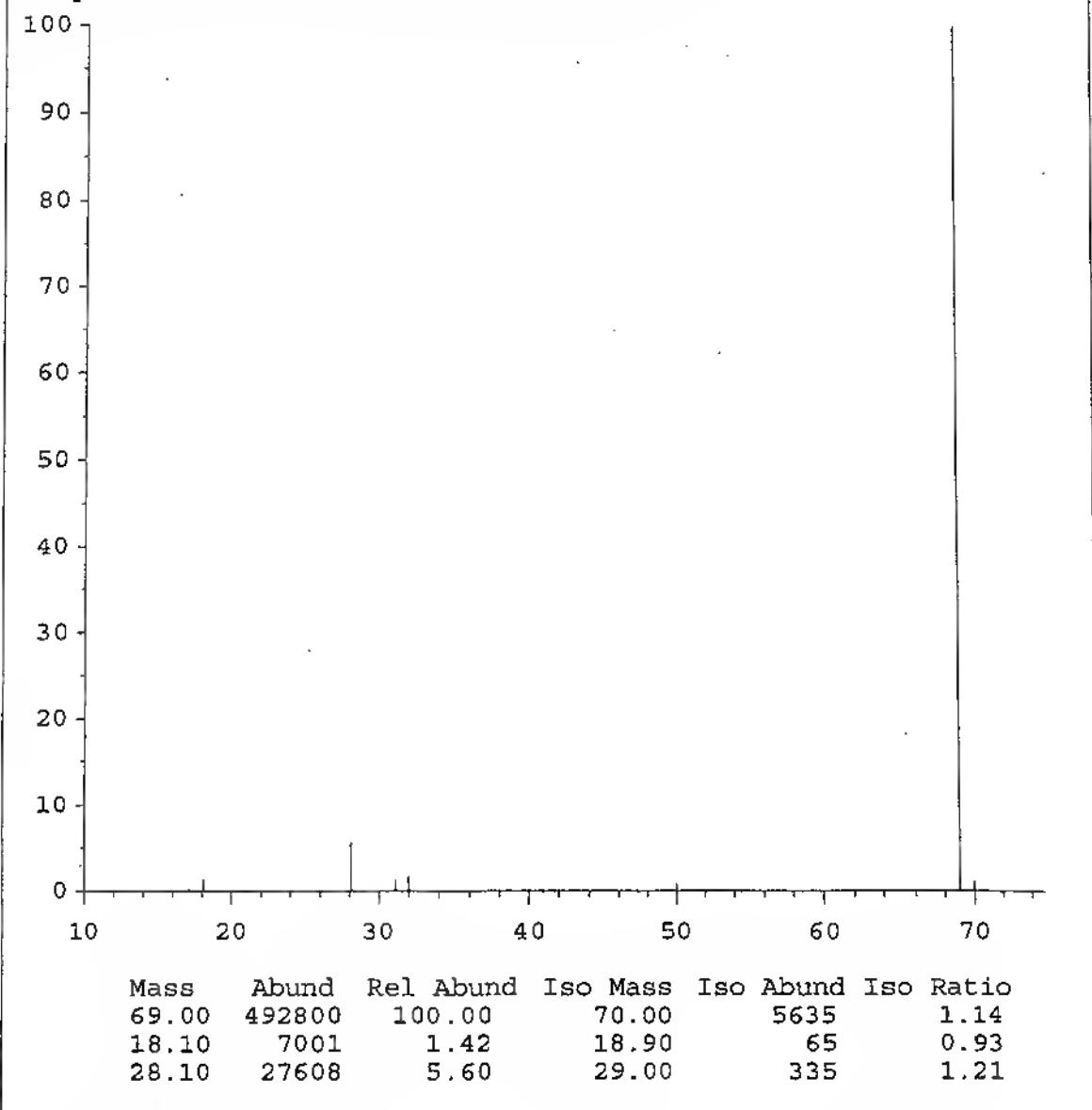
5973 Air and Water Check

Instrument: MSD 20

Mon Jul 24 11:16:34 2006

D:\MSDCHEM\1\5973N\ATUNE.U

Scan: 10.00 - 75.00 Samples: 8 Thresh: 0 Step: 0.10  
65 peaks Base: 69.00 Abundance: 492800



Current Params used:

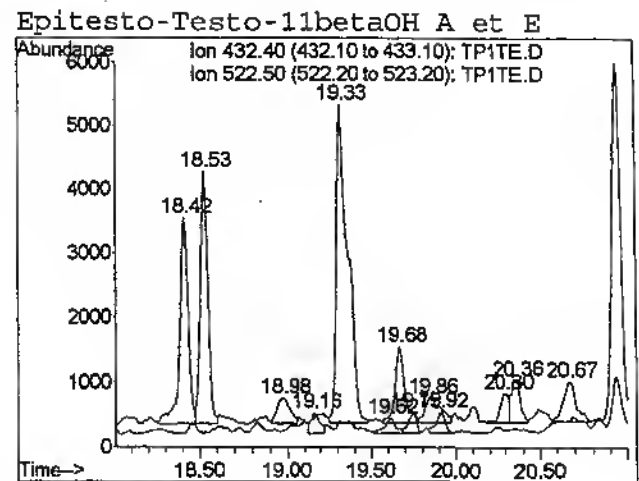
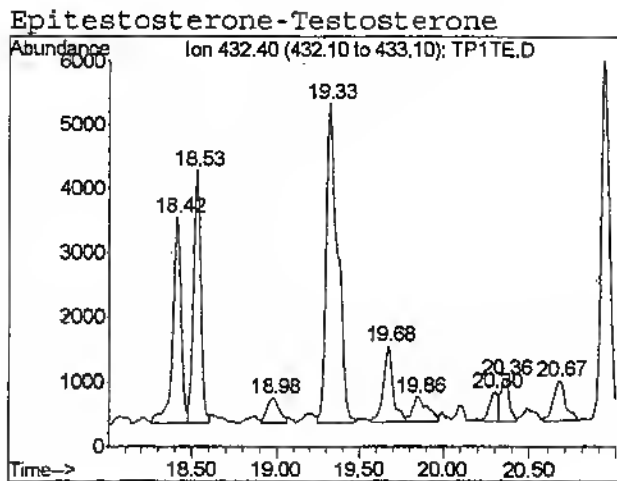
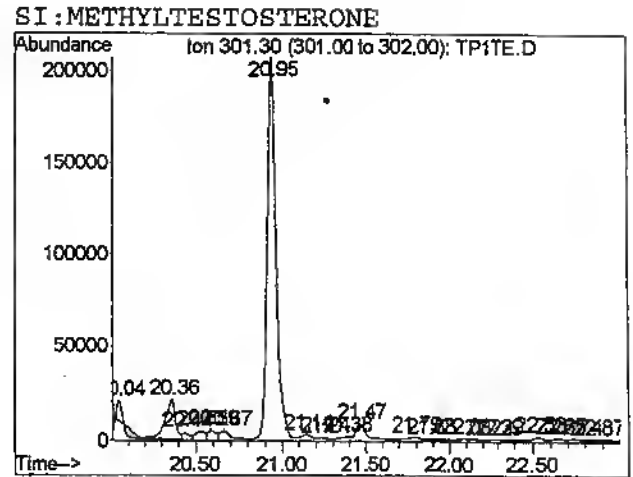
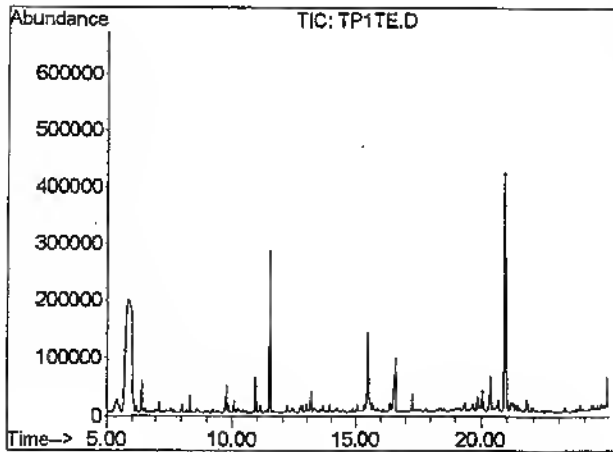
Rep = 29.8 Entl = 19.33 Entr = 12 FOCUS = 90 EMV = 1353

Relative abundances:

18/69 = 1.42	Water%
28/69 = 5.60	Nitrogen%
32/69 = 1.69	Oxygen%
44/69 = 0.13	Carbon Dioxide%
28/18 = 394.34	Nitrogen/Water%

File: D:\Msd20\juil06\2407\TP1TE.D  
 Operator: 28  
 Date Acquired: 24 Jul 2006 11:55  
 Instrument: MSD 20  
 Method File: MAN27  
 Sample Name: tp te2  
 Misc Info:  
 Vial Number : 2

Analyse quantitative: Testosterone/Epitestosterone



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LNDD	ENREGISTREMENT	Code :	E-FCR-04B
		Version :	E
		Date :	29/05/2006
		Page :	1/1
FICHE D'ANALYSE / RESULTAT - CONFIRMATION SEMI-QUANTITATIVE T/E			

Paraphe : *nc*

Echantillon : 178/07 995474 Dilution : 1 / 1

Ion de quantification Testo et Epitesto : 432 Ion de quantification SI : 301

Concentration de la référence 1 : Testosterone: 30 Epitestosterone : 5 T/E théorique : 6

Concentration de la référence 2 : Testosterone: 180 Epitestosterone : 30 T/E théorique : 6

Concentration de la référence 3 : Testosterone: 360 Epitestosterone : 60 T/E théorique : 6

Fichier	Surface du SI	Surface Testosterone	Surface Epitestosterone
REF1 REF1TE	5915926	1557516	234336
REF2 REF2TE	4981326	7052377	1211449
REF3 REF3TE	5130998	17023691	2929592
17807474	6399496	3513238	307234

**RESULTAT DE L'ECHANTILLON**

	Concentration Testosterone	Concentration Epitestosterone	Rapport T/E en surface
Valeur obtenue	61,4 ng/mL	5,2 ng/mL	
Valeur finale	61,4 ng/mL	5,2 ng/mL	11,4

**Partie à remplir par le responsable**

Seuil de déclaration du rapport T/E ( en surface ) : 4

Incertitude ( liée à la méthode ) pour le rapport T/E : 30% pour l'Epitestosterone : 30% pour la Testosterone : 20%

Valeur basse du rapport T/E : 8

Résultat : Anormal :

Valeur haute du rapport T/E : 14,8

Inclassable :

Négatif :

**Correction des concentrations en Testosterone et Epitestosterone par la densité (cf doc E-INC-03) :**

Densité affichée	1,025	PARAPHE <i>E</i>
Numéro du réfractomètre	2	
Densité corrigée :	1,025	
Facteur de correction	0,74	
Concentration corrigée de Testosterone	45,4	
Concentration corrigée d'Epitestosterone	3,9	

Ecart n° :

*Cet enregistrement est à archiver dans le dossier de confirmation*