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- 导入数据
- 创建分析方法
- 创建分析
- 处理数据
- 浏览结果
- 打印报告



导入masslynx数据





导入masslynx数据

Waters UNIFI - Import File Data	
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* Group name: Met ID Training	
*Group description: 20131231 ← 2 输入 Group description	
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Home Launch	Vou have no work in pro	Create Analysis Method Please Enter the Analysis Method Details Name: Met ID Application Solution Example MS*E Analysis Method Dec 31, 2013 03:02:13 China Standard Time * 方法名称 Description: Generic method to process Met ID data with Standards, Reference (0) and Unknowns (11.11) Folder: Company/HR7E Met Carcettee Met Carcettee 人 広击Next	法的路径	
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	Search results (1 items found)	
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Category Navigation	Default Target by Mass		
Tyrgeted Screen Settings	Target identification		
Home	Mass units: PPM •		
Target by Retention Time	Target match tolerance: 20.0		
Target by Mass	Fragment identification		
Components	Generate predicted fragments from structure		
	Fragment match tolerance: 2.0 mDa		
Component defaults	Maximum allowed score: 8		
	Detected components		
	V Extract mass chromatograms		
	Tolerance		
	Automatic		
	Manual: 20.0 mDa		
	Extract a mass chromatogram containing all identified ions		
	Undetected components		
	Extract mass chromatograms		
	Extract separate mass chromatograms for each adduct		
	Extract summed mass chromatograms for all adducts		
	Alternative assignments		
	If more than one compound is assigned to a detected component display:		
	Only the best matching compound		
	C All matching compounds		
	Maximum candidates per sample to use during screening and discovery : 50000		
	Maximum candidates per sample to keep after screening and discovery: 25000		
	Define targeted screen component processing		
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设置质量亏损 (MDF)参数







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Sumple Comparison Settings Home Binary compare 点击返回	Mass tolerance: Retention time tolerance: Reference sample intensity threshold: Unknown sample intensity threshold: Relative intensity threshold:	0 mDa 05 minutes 0 counts 0.0 %		
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Purpose Processing Reporting Histo	ory			
Home Analysis Specific Setti	ngs			
Category Navigation	Adducts			
Analysis Specific Settings Home	Select adducts to identify targeted components in positive and negative polarity mass data. Available positive adducts		Selected positive adducts	
Adducts	Name : Delta Mass (Da): Formula Charge		Name : Delta Mass (Dal: Formula Charge	
Transformations Lock mass	+H 1.0073 +H 1		+H+ 1.0073 +H 1	
	+K 38.9632 +K 1		+Na 22.9892 +Na 1	
	+Li 7.0155 +Li 1		+NH4 18.0338 +NH4 1	
	Available negative adducts		Selected negative adducts	
	Name 1 A Delta Mass (Da): Formula Charge	*	Name 1 A Delta Mass (Da): Formula Charge	
	+CH3COO 59.0139 +CH3COO -1		-H+ -1.0073 -H -1	
	+CI 34.9694 +CI -1			
	+e 0.0005 +e -1			
	+HCOO 44.9982 +HCOO -1			
	-H -1.0073 -H -1			
	Maximum allowed absolute charge for adduct combinations Allow cross adduct combinations Specify adducts for component identification			
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Purpose Processing Reporting Hi	istory	
Home + Analysis Specific Se	ttings	
Category Navigation	Transformations	
Analysis Specific Settings	Select the transformations that you want to account for when identifying the target components within your samples.	
Home	Available transformations Selected transformations	
Adducts	🖌 : Name Delta Mass (Da): Formula Classifier 📥 🖌 : Name Delta Mass (Da): Formula	Classifier
Transformations Lock mass	1 2 x Debromination -157.8367 -Br2 Phase I 1 Hydroxylation 15.9949 +0	Phase I
	2 2 x Dechlorination -69.9377 -CI2 Phase I	
	3 2 x Deflucrination -37.9968 -F2 Phase I	
点击返回	4 2 x Glucuronide conjugation 352.0642 +C12H16O12 Phase II	
	5 2 x O-sulfate conjugation 191.9035 + S208 Phase I	
	6 2 x Oxidation 31.9898 +O2 Phase I	
	7 2 x Reductive debromination +155.021 +0r21112 Phase I	
	8 2 x Reductive dechlorination -67.922 -CI2+H2 Phase I	
	9 2 x Reductive defluorination -35.9811 -F2+H2 Phase I	
	10 2 x Sulfate conjugation 159,9136 +S206 Phase II	
	11 2-ethoxyl to acid -0.0364 -CH4+O Phase I	
	12 3 x Oxidation 47.9847 +O3 Phase I *	
	Maximum number of transformations:	
	Phase I: 1	
	Phase II: 0	
	Filter transformation list based on functional groups that are present	
	☑ Run the dealkylation tool	
	Cocalize transformations	
	Maximum number of fragment peaks to consider: 10 Cyano *	
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Home	14.2	Mass (g/mol) Formula	Description 1	Classifiers	ń
Digest reagents	1	194.08440 +C13H10N2	2AAc	Ruorescent Labelling Reagent	
Amino acid modifiers	2	120.06875 +C7H8N2	2AB	Fluorescent Labelling Reagent	=
Modifications	3	-0.03640 -CH4+O	2-sthooyl to acid	Phase I	
Synonym types	4	119.08473 +C7H9N3-O	4AB	Fluorescent Labelling Reagent	
Structure index creation	5	128.07383 +C9H8N2-O	6AQ	Rubrescent Labelling Reagent	
Result properties	6	121.05276 +C7H7NO	AA	Ruorescent Labelling Reagent	
	7	42.01060 +C2H2O	Acetylation	Phase II	
	8	-2.01570 -H2	Alcohol to ketone	Phase I	
	9	-18.01060 -H2O	Alcohols dehydration	Phase I	
	10	34.00550 +H2O2	Alkenes to dihydrodiol	Phase I	
	11	159.06841 +C10H9NO	AMC	Fluorescent Labelling Reagent	
	12	47.98470 +03	Aromatic thiols to sulfonic acids	Phase I	
	13	-6.04700 -H5	Aromatization of saturated ring	Phase I	
	14	70.04190 +C4H6O	Butyryl conjugation	Phase II	
	15	144.10250 +C7H14O2N	Camitine conjugation	Phase II	
	16	24.99520 +CN-H	Cyano	Metabolite Trapping Agent	
	17	103.00920 +C3H5NOS	Cysteine conjugation	Phase II	
	18	93.06908 +C5H7N3-O	DAP	Ruorescent Labelling Reagent	
	19	295.11816 +C14H13N7O	DAPMAB	Ruorescent Labelling Reagent	
	20	-90.04700 -C7H5	Debenzylation	Phase I	
	21	-78.91830 -Br	Debromination	Phase I	
	22	-157.83670 -Br2	2 x Debromination	Phase I	
	23	-27.99490 -CO	Decarbonylation	Phase I	
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 Batch Overview 	1 Nefazodone	C25H32CIN5O2 47	0.2317 3.27	0.73	1.55			
Review	2 Nefazodone+O	C25H32CIN5O3 48	6.2247 3.07	4.72	14.47	10		
Metabolite Review	3 Nefazodone-C11H12N2O(dealkylation)	C14H20CIN3O 29	9.1608 4.40	9.06	5 20.64	- E		
Binary Companison Metabolite Man								
Biotransformation Localization Trendplot Summarize Across Samples	• Chromatograms •	The wor	v kflow file contains views that	t match existing views.				,
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	1 20000 -			Description: N	efazodone T0, 10 x diluted with water		3,	
	10000-			100000- 5	246.12372			1.07e5
				Intensity	83.06031 140.08167 180.11303	275.15820 276.16020	470.23060	
	0.5 1 1.5	2 2.5 3 Retention time [min]	3.5 4 4.5	5	100 200	300 400 Observed mass [m/z]	500	600
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ctions and Components	Component Summary *						
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	2 Nefazodone+O	C25H32CIN5O3 486.2263	3.07	1.00	1.01		1
letabolite Review	3 Nefazodone-C6H3Cl(dealkylation)	C19H29N5O2 360.2386	2.13	2.09	5.30		1
inary Comparison	4 Nefazodone-C15H19N3O2(dealkylati	C10H13CIN2 197.0835	2.11	2.41	13.24		V
letabolite Map	5 Nefazodone+O	C25H52CIN5O5 486.2248	2.95	5.76	4.69		
Intransformation Localization	6 Nefazodone-C6H3Cl(dealkylation)+O	C19H29N5O3 376.2325	1.77	5.52	13.30		
renapiot	7 Nefazodone-C2H2(dealkylation)	C23H30CIN5O2 444.2140	3.27	5.34	15.62		1
ummanze Across Samples	8 Nefazodone-C10H11CIN2(dealkylatio	C15H21N3O3 292.1637	2:37	7.34	21.10		
candard Curve	9 Nefazodone-C11H12N2O(dealkylation)	C14H20CIN3O 299.1623	4.41	4.96	20.30		V
Metabolite Review Annotated	No. of the second se						
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Processor Component Summary * Name Decretion Torr Registromary * Statustown T3: D9: divide with water Component Summary * Economic Summary * Statustown T3: D9: divide with water Component Summary * Resolve CH3/Dilas. 2010<	Injections and Co	mponents •	Refer	rence	.86	Tray: 1:24		310	811_038	[1] (+) +	Nefazodone+0		🝸 Filters 🔻
Name Description Ture Acquisition at all 10.06 Ture Acquis at all 10.06 <thture acquisition="" at<br="">all 10.06<td>M Injections</td><td></td><td></td><td><u>-</u> ~ * -</td><td>6</td><td>menont Summan</td><td>. •</td><td></td><td></td><td></td><td></td><td>-</td><td></td></thture>	M Injections			<u>-</u> ~ * -	6	menont Summan	. •					-	
314811,036 Nutacodone TD, L0 x divides with water Complete 310811,037 Nutacodone TD, L0 x divides with water Complete 310811,037 Nutacodone TD, L0 x divides with water Complete 310811,037 Nutacodone TD, L0 x divides with water Complete 310811,037 Nutacodone TD, L0 x divides with water Complete 310811,037 Nutacodone TD, L0 x divides with water Complete 310811,042 Nutacodone TAS - total divide with water Complete 310811,042 Nutacodone TAS - total divide with water Complete 310811,043 Nutacodone TAS - total divide with water Complete 310811,043 Nutacodone TAS - total divide with water Complete 310811,043 Nutacodone TAS - total divide with water Complete 310811,043 Nutacodone TAS - total divide with water Complete 310811,043 Nutacodone TAS - total divide with water Complete 310811,043 Nutacodone TAS - total divide with water Complete 310811,043 Nutacodone C10H110NL C13H20H0H20 442240 317 310811,043 Nutacodone C10H110NL C13H20H0H20 442240 317 <td>A Name</td> <td>Description</td> <td>Type</td> <td>Acquisition star</td> <td></td> <td>Component Summary</td> <td>Label</td> <td>Formula</td> <td>en/7</td> <td>Observed BT (min)</td> <td>Isotone Match Mr RMS PPM</td> <td>Tentone Match Intensity RMS</td> <td>Percent Passed</td>	A Name	Description	Type	Acquisition star		Component Summary	Label	Formula	en/7	Observed BT (min)	Isotone Match Mr RMS PPM	Tentone Match Intensity RMS	Percent Passed
1511_157 Netazolove 15 15 4 diuted with vatar 12 Competer 13081_157 Netazolove 15 15 4 diuted with vatar 12 Competer 13081_157 Netazolove 15 15 4 diuted with vatar 12 Competer 13081_157 Netazolove 15 15 4 diuted with vatar 12 Competer 13081_157 Netazolove 15 15 4 diuted with vatar 12 Competer 13081_154 Left Status Competer Competer 13081_154 Netazolove 15 15 4 diuted with vatar 12 Competer 13081_154 Netazolove 15 15 10 diuted with vatar 12 Competer 13081_154 Netazolove 15 15 10 diuted with vatar 12 Competer 13081_154 Netazolove 15 10 diuted with vatar 12 Competer 13081_154 Netazolove 15 10 diuted with vatar 12 Competer 13081_104 Netazolove 15 10 diuted with vatar 12 Competer 13 13.30 13081_104 Netazolove 15 10 diuted with vatar 12 Competer 12 12 12 13.30 13081_104 Netazolove 15 10 diuted with vatar 12 13.30 14<	1 310811_036	Nefazodone T0, 10 x diluted with wate	u 🖏	Complete	1	Nefazodone	Laber	C25H32CIN5O2	470.2315	3.27	0.8	8	0.95
310811_038 Netractore TLS Dx effected with water Complete 310811_039 Netractore TLS Dx effected with water Complete 310811_040 Netractore TLS Dx effected with water Complete 310811_041 Netractore TLS Dx effected with water Complete 310811_042 Netractore TLS Dx effected with water Complete 310811_043 Netractore TLS Dx effected with water Complete 310811_043 Netractore TLS Dx effected with water Complete 31081_044 Netractore TLS Dx effected with water Complete 31081_045 Netractore TLS Dx effected with water Complete 31081_045 Netractore TLS Compl	2 310811_037	Nefazodone T5, 10 x diluted with wate	er 🔢	Complete	2	Nefazodone+O		C25H32CIN5O3	486.2263	3.07	1.0	0	1.01
310011_099 Nefacodone T30.19 - dikted with water If Complete If Nefacodone-C15H13N3	3 310811_038	Nefazodone T15, 10 x diluted with wat	tar 👘	Complete	3	Nefazodone-C6H3Cl(dea		C19H29N5O2	360.2386	2.13	2.0	9	5.30
310811_040 Netazotone T45, 10 x dikted with water If Complete 310811_042 Netazotone T45, 10 x dikted with water If Complete 310811_042 Netazotone T45, 10 x dikted with water If Complete 310811_042 Netazotone T45, 10 x dikted with water If Complete 310811_043 Netazotone T45, 10 x dikted with water If Complete 310811_044 Netazotone T120, 10 x dikted with water If Complete 310811_044 Netazotone T120, 10 x dikted with water If Complete 310811_044 Netazotone T120, 10 x dikted with water If Complete If Natazotone T120, 10 x dikted with water If Complete If Netazotone C10H1CNL, C15H2N30, 292,1623 141 If Natazotone T20, 10 x dikted with water If Complete If Netazotone C10H1CNL, C15H2N30, 292,1623 141 4.66 If Natazotone C10H1CNL, 01 x dikted with water If Complete If Natazotone C10H1CNL, C15H2N30, 292,1623 141 4.66 0.030 If Natazotone C10H1CNL If Natazotone C10H1CNL, 01 x dikted with water If Natazotone C10H1CNL, 01 x dikted with water </td <td>4 310811_039</td> <td>Nefazodone T30. 10 x diluted with wat</td> <td>ter 🔐</td> <td>Complete</td> <td>4</td> <td>Nefazodone-C15H19N3</td> <td></td> <td>C10H13CIN2</td> <td>197.0835</td> <td>2.11</td> <td>24</td> <td>1</td> <td>13,24</td>	4 310811_039	Nefazodone T30. 10 x diluted with wat	ter 🔐	Complete	4	Nefazodone-C15H19N3		C10H13CIN2	197.0835	2.11	24	1	13,24
310811_041 Nefacodone T45 - cofactor. 10 x diluted with water If Complete 310811_042 Nefacodone T45 - microsomes. 10 x diluted with water If Complete 310811_042 Nefacodone T45 - microsomes. 10 x diluted with water If Complete 310811_043 Nefacodone T45 - microsomes. 10 x diluted with water If Complete 310811_044 Nefacodone T45 - microsomes. 10 x diluted with water If Complete 310811_044 Nefacodone T45 - microsomes. 10 x diluted with water If Complete 310811_044 Nefacodone T45 - microsomes. 10 x diluted with water If Complete 310811_044 Nefacodone T45 - microsomes. 10 x diluted with water If Complete 310811_044 Nefacodone T45 - microsomes. 10 x diluted with water If Complete 044 Nefacodone C194.1048. Count 20) If Mefacodone C194.1048. Count 20) If Nefacodone-C194.1048. Count 20) 05 Nefacodone - 0 207 If Mefacodone - 0 207 05 Nefacodone - 0 207 If Mefacodone - 0 207 06 Nefacodone - 0 207 If Mefacodone - 0 207 06 Nefacodone - 0 207 If Mefacodone - 0 307 07 Ne	5 310811_040	Nefazodone T45, 10 x diluted with wat	tar 🔐	Complete	<	Nefazodonie+0 Ur	nko	WHADINSO3	486.2248	2.93	3.7	16	4.69
316811_042 Nefacodone T45 - microsomes 10 x dikuted with water If Complete 316811_043 Nefacodone T60 10 x dikuted with water If Complete 316811_044 Nefacodone T120.10 x dikuted with water If Complete 316811_044 Nefacodone T120.10 x dikuted with water If Complete 316811_044 Nefacodone T120.10 x dikuted with water If Complete 0 Nefacodone T120.10 x dikuted with water If Complete 0 Nefacodone C10H10N	6 310811_041	Nefazodone T45 - cofactor, 10 x dilute	sd with water 🛛 👔	Complete	6	Nefazodone-C6H3Cl(dea		C19H29N5O3	376.2325	1.77	5.5	z	13.30
310211_043 Netracodone T00, 10 x diluted with water IP Complete 310811_044 Netracodone T120, 10 x diluted with water IP Complete 247 7.54 21.09 Image: Status Labal Name ObsavedRT (min) Image: Status 10 kefazodone-C11H12N2 C14H2D01B0 293.163 4.41 4.96 20.30 Status Labal Name ObsavedRT (min) Image: Status Spectra * Spectra * Spectra * V Nefazodone-C10H12N2(dealkylation) 211 Image: Status Spectra * Image: Status Spectra * V Nefazodone-C10H12N2(dealkylation) 211 Image: Status Spectra * Image: Status Spectra * V Nefazodone-C10H12N2(dealkylation) 211 Image: Status Spectra * Image: Status Spectra * V Nefazodone-C10H12N2(dealkylation) 211 Image: Status Spectra * Image: Status Spectra * V Nefazodone-C2H012N2(dealkylation) 213 Image: Status Spectra * Image: Status Spectra * V Nefazodone-C2H012N2(dealkylation) + 0 1.7 S	7 310811_042	Nefazodone T45 - microsomes 10 x d	iluted with water 🛛 👔	Complete	7	Nefazodone-C2H2(dealk		C23H30CIN502	444.2140	3.27	5.3	4	15.62
310811_044 Nefacodone T129.10 x diluted with water Image: Complete Mefacodone-C11H12N2 C14H2OCINBO 299.1623 4.41 4.96 20.30 Components (S10811_038. Count: 9) Image: Complete Size (S10811_038. Count: 9) Image: Complete Size (S10811_038. Count: 9) Image: Complete Mefacodone-C11H12N2 C14H2OCINBO 299.1623 4.41 4.96 20.30 Size (S10811_038. Count: 9) Image: Complete Size (Si0811_038. Count: 9) Image: Co	8 310811_043	Nefazodone T60, 10 x diluted with wat	ter 👔	Complete	8	Nefazodone C10H11CIN		C15H21N3O3	292.1637	2.97	7.3	и	21.10
Components (310811_038, Count: 9) Image: Characterization of the status of	9 310811_044	Nefazodone T120. 10 x diluted with wa	ater 🔐	Complete	9	Nefazodone-C11H12N2		C14H20CIN3O	299.1623	4.41	4.9	6	20.30
Components (310811_038. Count: 9) Image: Count (310811_038. Count: 9) Image: Count (310811_038. Count: 9) Image: Count (310811_038. Count) (31081_038.	4 [18		۲	1								
Status Label Name ObservedRT (min) Ø Nefazodone+O 3.27 Ø Nefazodone+O 3.07 Ø Nefazodone+O 2.93 Ø Nefazodone+C15H15N3O2(dealkylation) 2.11 Ø Nefazodone-C10H11C1N2(dealkylation) 4.41 Ø Nefazodone-C6H3Cl(dealkylation) 4.41 Ø Nefazodone-C6H3Cl(dealkylation) 1.77 Ø Nefazodone-C2H2(dealkylation) 3.27	Components	s (310811-038. Count: 9)		R	1					_			
∅ Nefazodone 3.27 Chromatograms * Spectra * ∅ Nefazodone+0 3.07 Item name: 310811_038 Channel name: Nefazodone+0 [+H+]: (0.0200 Da) 486.2263 Item name: 310811_038 Channel name: Low energy: Tim * × Item name: 310811_038 Item name: 310811_038 <td>Status Labo</td> <td>el Name Obsi</td> <td>ervedRT (min)</td> <td></td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>,</td>	Status Labo	el Name Obsi	ervedRT (min)		1								,
Image: Construction of the standard on the stan	1	Nefazodone	3.27		Ch	romatograms *				Spe	ectra *		
Image: Channel name: Nefazodone+O 2.93 Image: Channel name: Nefazodone+O [+H+]: (0.0200 Da) 486.2263 Description: Nefazodone+T15, 1 Image: Channel name: Nefazodone+O [+H+]: (0.0200 Da) 486.2263 Image: Channel name: Nefazodone+O [+H+]: (0.0200 Da) 486.2263 Image: Channel name: Nefazodone+O [+H+]: (0.0200 Da) 486.2263 Image: Channel name: Nefazodone+O [+H+]: (0.0200 Da) 486.2263 Image: Channel name: Nefazodone-C19H10(N2(dealkylation)) 2.11 Image: Channel name: Nefazodone+O [+H+]: (0.0200 Da) 486.2263 Image: Channel name: Nefazodone+O [+H+]: (0.0200 Da) 486.2263 Image: Channel name: Nefazodone-C19H10(N2(dealkylation)) 2.13 Image: Channel name: Nefazodone-C8H3Cl(dealkylation)+O 2.13 Image: Channel name: Nefazodone-C8H3Cl(dealkylation)+O 1.77 Image: Channel name: Nefazodone-C2H2(dealkylation) 3.27 Image: Channel name: Nefazodone-C2H2(dealkylation) 3.27	2	Nefazodone+O	3.07		lten	n name: 310811_038	2003772		19.051	🖉 🗶 🛛 Item	name: 310811_038	Channel name: Low energy	: Tim 🖈 🗶 📩
Image: Constraint of the second one-C13H15N302(dealkylation) 2.11 3.07 486.22632- Image: C13H15N302(dealkylation)+O 2.97 10000- 10000- 10000- Image: C13H12N2C0(dealkylation)+O 2.97 10000- 10000- 10000- Image: C13H12N2C0(dealkylation)+O 2.97 10000- 10000- 10000- Image: C13H12N2C0(dealkylation)+O 2.13 10000- 10000- 10000- 10000- Image: C13H12N2C0(dealkylation)+O 1.77 10000- 100	3	Nefazodone+O	2.93		Cha	nnel name: Nefazodone+	O [+H+]	: (0.0200 Da) 486.3	2263 efazodone+O	Desc	ription: Nefazodone T15, 1		1.29e5
Image: Constraint of the standard constraint	4 🥥	Nefazodone-C15H19N3O2(dealkylation)	2.11						3.07			48	6.22632-
Image: Constraint of the constraint	5 🕑	Nefazodone-C10H11CIN2(dealkylation)+O	2.97		tunts	10000 -				1	00000 -		
Image: Constraint of the second one-C6H3Cl(dealkylation) 2.13 Image: C6H3Cl(dealkylation) 2.13 Image: C6H3Cl(dealkylation) 1.77 Image: C6H3Cl(dealkylation) 3.27 Image: C6H3Cl(dealkylation) 3.27 Image: C6H3Cl(dealkylation) Image: C6H3Cl(deal	6 🕜	Nefazodone-C11H12N2O(dealkylation)	4.41		y Eco					00			
Image: Weiszodone-C8H3Cl(dealkylation)+0 1.77 Image: Weiszodone-C2H2(dealkylation) 3.27 Image: Weiszodone-C2H2(d	7 🕑	Nefazodone-C6H3CI(dealkylation)	2.13		ensit	5000 -				nsity	50000 -		
O Nefazodone-C2H2(dealls/lation) 3.27 0 1 2 3 4 5 Retention time (min) 200 300 400 +	8	Nefazodone-C6H3Cl(dealkylation)+O	1.77		In					Inter			
Retention time [min]	9 🕗	Nefazodone-C2H2(dealkylation)	3.27			0		· · · · · · · · · · · · · · · · · · ·		<u> </u>	, L		
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Intections and Components • Workflow	<	- 选	译Wo	ork	flow	310811_0	38 [1] •	Nefazodone+	0 • •			Tilters 🔻
Injections and Components	🖬 😻 🖛 🛋	Com	nponent Sum	mary *								
	Description		Component name	Label	Formula	m/z	Observed RT (min)	: Isotope Match Mz RMS PPM	Isotope Match Intensity RMS Percent	Passed Neutral Loss Filter	Passed Mass Defect Filter	Passed Halogen Mate
	Nefazedone T0,	1 1	Nefazodone+O		C25H32CIN5O3	486.2265	3.07	0.90	4.63			
2	Nefazodone T5.	2 1	Nefazodone+O		C25H32CIN5O3	486.2267	3.07	0.41	3 2.86		V	V
3 310811_038	Nefazodone T15	3	Nefazodone+0		C25H32CIN5O3	486.2265	3.07	0.38	3 1.07		4	\checkmark
4 310811_039	Nefazodone T30	4 1	Nefazodone+O		C25H32CIN5O3	486.2263	3.07	0.83	2.88			\checkmark
5 310811_040	Nefazodone T45	5 1	Nefazodone+0		C25H32CIN5O3	486.2263	3.07	1.00	1.01		Z	
310811_041	Netazodone 145	6 1	Nefazodone+O		C25H32CIN5O3	486.2251	3.07	3.10	4.10			
310811_042	Nefazodone 145	7 1	Nefazodone+0		C25H32CIN5O3	486.2247	3.07	4.72	2 14.47			
8 310811_043	Nefazodone T60	8										
9 310811_044	Nefazodone 112	9										
·												
Components (310911 (6	RR (Taur 🚯 💼											
		٠										
1 A Name		Chro	omatograms	•					Spectra *			
2 D Nefazod	ione IO	Item r	name: 310811_038	в				\$ ×	Item name: 310811_038	Channel nan	ne: Low energy : Time 3.0713	1 +/- 0.0 🕫 × 🔄
3 () Nerazod	ione+0	Chann	nel name: Nefazoo	done+O [+	-H+] : (0.0200 Da)	486.2263	Vefazodone+0		Description: Nefazodone T15, 10 x d	iluted with		1.00.5
A () Nefazod	tone+0		1				5.07		1			486.22632
5 O Nefazoo	Ione-CISHISN3O2(dx	월 100	000 -						夏 100000-			
6 (A) Netazod	tone-Cluniicina2(de	Cou						1	Coun			
7 (2) Netazoo	Jone-CITHI2N2O(dea	Aig 50	- 000						2 50000-			
8 (2) Netazod	ione-Conscipeantyla	Inter							inter i			
9 (7) Netazoo	tone-C8HSCI(dealkyla	22423	0						-			
iverazoo	torne-czmz(dearkyłatk		0.5	i	1.5 2	2.5	3 3.5	4 4.5	150 200	250 300	350 400	450
	•				R	etention time	e (rmm)]					
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Workflow •		ay: 1:23		22	310811_037	[1] + +	Nefazodone+0	(+			V Filters V
0	9-			08		\	· · · · · · · · · · · · · · · · · · ·	一 选择-	ー个Unkn	ow的样品	
Workflow	Com	ponent Summary *	- 1	Injec	tions	9/9	₩ No filte	~			-
Summary	A 0	omponent name Label	Formula	1	Item name	Description		Aatch Intensity RMS Percent	Passed Neutral Loss Filter	Passed Mass Defect Filter	Passed Halogen Mat
 Batch Overview 	1 N	lefazodone+0	C25H32CI	1	310811_036	Nefazodone	T0, 10 x diluted with water	4.6	3 📃		1
Review	2 N	lefazodone+O	C25H32CI	2	310611_037 🍃	Nefazodone	T5, 10 x diluted with water	2.8	6		1
Metabolite Review	3 N	lefazodone+0	C25H32CI	3	310811_038	Nefazodone	T15. 10 x diluted with water	1.0	7 📃	1	1
 Binary Comparison 	4 N	lefazodone+O	C25H32CI	4	310811_039	Nefazodone	T30, 10 x diluted with water	2.8	8		7
Metabolite Map	5 N	iefazodione+O	C25H32CI	5	310811_040	Nefazodone	T45. 10 x diluted with water	1.0	a 📰		
Biotransformation Localization Transfolat	6 N	lefazodone+O	C25H32CI	δ	310811_041	Nefazodone	T45 - cofactor, 10 x diluted with	4.1	o 🗖	M	
Irrenapiot Summarize Access Complex	7 N	lefazodone+O	C25H32CI	7	310811_042	Nefazodone	T45 - microsomes, 10 x diluted	M 14.4	7		
Summarize Across samples Standard Curve	8		_	8	310811_043	Nefazodone	T60, 10 x diluted with water	-			
Drug Related Properties	9		_	9	310811_044	Nefazodone	T120. 10 x diluted with water				
Metabolite Review Annotated	N.										
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	Itamo	ame: 210811 027					spec	ame: 210811 027	Channel nam	or Low energy : Time 2 071	4400 ex .
	Chann	el name: Nefazodone+O [+	H+] : (0.02	00 Da)	486.2251 Nefazodone	+0	Descrip	ption: Nefazodone T5, 10 x d	iluted with	e. cow energy . Time 5.0715	1+/-0.0 × A
		1			3.07			1			486.22506
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		0.5 1	1.5	2	2.5 3	3.5 4	4.5	04	250 200		
				Re	etention time [min]			150 200	250 300	350 400	450 *
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kflow • •	Tray: 1:23	310811_037	[1] • •	View	Mettool	ite Summary	•	Tilters
mman/	Component Summary				0	20 0.00 10000 1000		
Batch Overview	Component name	Label Formula	m/z Observed	RT (min) Mass error	🖞 🎲 Dru	g Related Properties	ucts	dentification status
view Metabolite Review	² NetaodineW 法	择Metaboli	ite ²² Sur	nmary	🐪 Me	tabolite Summary	, +rva	Identified
Binary Comparison	4 Nefazodone+O	C25H32CIN503	486.2264	3.13	🔒 Ou	antitation		Identified
Metabolite Map	5 Nefazodone-C17H22CIN50(d	ealkylati C8H10O2	161.0596	4.87				Identified
Biotransformation Localization	6 Nefazodone-C15H19N3O2(de	salkylati C10H13CIN2	197.0842	2.12	Sar Sar	nple Summary		Identified
Trendplot	7 Nefazodone-C11H12N2O(dea	Ikylation) C14H20CIN30	299.1602	4.40	-		14	Identified
Summarize Across Samples	8 Nefazodone-C6H3CI(dealkyla	tion) C10H20N5O2	360.2388	213				Identified
Drug Related Droportion	9 Nefazodone-C2H2(dealkylatio	on) C23H30CIN5O2	444.2163	3.26	Cu	rrent view	•	Identified
	Chromatograms Chromatograms Channel name: Nefazodone [+H-	+] : (0.0200 Da) 470.2318	Nefazodone	* ×	Spectra * Item name: 310811 Description: Nefazo	_037 Channel nar done T5, 10 x diluted with	me: Low energy : Time 3.269) +/- 0.0 ≉ ×
	50000 - [Strong) 25000 - 1 25000 - 0.5 1	1.5 2 2.5	3 3.5 4	4.5	SeS- Isturo 2.5e5- 2.5e5-	470.23178 472.225 274.15434 467.20788 =473.2	956 3178 596.36808	953.10538

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💷 🔹 🛃 My Work	🔿 Welcome to UNIFI 🔔 Met ID Training: Anal	rsis X	Search folders	۹ 🖬 🔍
Review Investigate Report				
😭 💠 Review Results 👘			🕗 Limits 🔻 📑 Process 🛭 🕼 Edit 👻 🌞 Tools	🕶 📴 🛛 🚰 File 💌
Workflow • C	A Tray: 1:23	037 [1] • • 🕢 Nef	fazodone	🝸 Filters 🝷
Workflow	Component Summary *			
Summary	Component name Label Formula	m/z Observed RT (min)	Mass error (mDa) Mass error (ppm) Response Percentage of Parent Response (%) Adducts	Identification status
 Batch Overview 	1 Nefazodone C25H320	Ishel companents	0.0 0.10 26032 100.000 +H+, +Na	Identified
Review	2 Nefazodone+O C25H320	li		Identified
Metabolite Review Bipage Comparison	3 Nefazodone+O C25H320	Add component comment	·····································	ale
Metabolite Man	4 Nefazodone+O C25H320	II Remove assignment	• -0.3 -0.57 46 0.175 +H+	Identified
Biotransformation Localization	5 Nefazodone-C17H22CIN5O(dealkylati C8H100	Elucidate	2.3 14.56 24 0.091 +Na	Identified
 Trendplot 	6 Nefazodone-C15H19N3O2(dealkylati C10H130 2	II Send To	• 0.2 1.08 81 0.312 +H+	Identified
 Summarize Across Samples 	/ Nefazodone-C11H12N2O(dealkylation) C14H200	II View component details	-3.1 -10.52 26 0.099 +NH4	Identified
 Standard Curve 	8 Nefazodone-C6H3CI(dealkylation) C19H29	5	-0.6 -1.59 362 1.390 +H+	Identified
 Drug Related Properties 	 ⁹ Nefazodone-C2H2(dealkylation) C23H300 	П Сору	• 0.2 0.44 49 0.187 +H+	Identified
 Metabolite Review Annotated 	5	Print		
	Chromatograms *	Properties	Spectra *	
	Item name: 310811_037		Item name: 310811_037 Channel name: Low energy : Time 3.	2690 +/- 0.00 📌 ×
	Channel name: Nefazodone [+H+] : (0.0200 Da) 470.2318	Nefazodone 3.27	Description: Nefazodone T5, 10 x diluted with w	5.745
	1		원 565-1 관 472,22956	
	- 40000 -		467.20788 474.23469 596.36808	052 10528
	1			800 900
	- <u>5</u>		Item name: 310811_037 Channel name: High energy : Time :	3.2690 +/- 0.0 * ×
	20000-		Description: Nefazodone T5, 10 x diluted with w	104-5
	A .		월 100000 274,15540 470,23318	L04e3
			<u>246.12377</u>	
	0.5 1 1.5 2 2.5 Retention t	3 3.5 4 4.5 me[min]	100 200 300 400 500 600 700 Observed mass [m/z]	obe obs
🛃 Administrator, UNIFI [Administrator]				ø 🔕 😂



分析母离子(原药)的碎片信息





分析母离子的碎片信息



Waters THE SCIENCE OF WHAT'S POSSIBLE.

中性丢失扫描,寻找具有相同中性丢失的化合物



中性丢失扫描,寻找具有相同中性丢失的化合物





子离子扫描,寻找具有相同子离子的化合物





子离子扫描,寻找具有相同子离子的化合物

可以将得到的母离子碎片信息添加到方法中

Waters UNIFI - Met ID Application Solution I	Example MS^E Analysis Method Dec 31, 20	013 19:05:44 China Standard Time: Analy	ysis Method		
🔲 💌 🔡 👻 🚮 My Work	IVelcome to UNIFI	🛓 Met ID Training: Analysis	🕰 Explorer	🥂 Met ID Application Soluti 🗙	Search folders 🔎 🗔 🕡
Purpose Processing Reporting Histo	ory				
(中 🗢 ▼ Home + Discovery Settings					
Category Navigation	Common Fragment Fragment search for the former of the fo	· 注意选中	寻到确证的	的,强度比较大的子离子	理论质量输入方法中
Administrator, UNIFI (Administrator)	12.00				N 🖂

Waters UNIFI - Met ID Application Solution	Example MS^E Analysis Method Dec 31,	2013 19:05:44 China Standard Time: Analy	sis Method		
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Purpose Processing Reporting His	tory				
🗢 🗢 👻 Home + Discovery Settings					1- 3
Category Navigation	Neutral Loss				
Discover	Enable neutral loss filter	- 注音选中			
Home	Tolerance: 0.01	Da			
Neutral Loss Search Settings	Add Remove				
Mass Defect Search Settings Common Fragment Search Settings	Mass Formula				
	1 79,95681 SO3			(早)	存后可以重新处理数据
	3 176.032 C6H8O6				门加马权主动处理效加
	Specify characteristic ions for com	yponent discovery 以把常见的中性	生丢失分	子式输入处理方法	
Administrator, UNIFI (Administrator)	1000				🔊 🙆

Metabolite map

💷 🗄 👻 🚮 My Work	3	Welcome to U	NIFI	S, Eq	olorer	4	Met ID Application Soluti >			Search folde	ars 👂 🖪
eview Investigate Report											
e Review Results									🕗 Limits 💌 🛐	Process 👔 Edit 💌 🏟	Tools 🔻 陆 🏼 💆 File 🕚
orkflow 👻 📢	Tray	y: 1:23		87	310811_03	7 [1] 4	Nefazodone+				Tilters
Workflow	Compo	onent Sumi	mary •								
ummary	. Com	nponent name	Label	Formula	m/z	Observed RT (min)	Isotope Match Mz RMS PPM	Isotope Match Intensity RMS Percent	Passed Neutral Loss Filter	Passed Mass Defect Filter	Passed Halogen Match Fi
Batch Overview	1 Net	lazodone+O	m	C25H32CIN5O3	486.2263	3.07	0.82	28	8	V	2
view	2 Net	fazodone+0	m	C25H32CIN5O3	486.2265	3.07	0.38	1.0	7 📃	1	1
Metabolite Review	3 Net	fazodone+O	m	C25H32CIN5O3	486.2267	3.07	0.48	2.8	6 🔳	V	
Binary Comparison	4 Net	fazodone+0	m	C25H32CIN5O3	486.2247	3.07	4.72	14.4	7 🗐	V	
Metabolite Map	5 Net	fazodone+O	m	C25H32CIN5O3	486.2251	3.07	3.10	41	o 🗖		$\overline{\mathbf{v}}$
Biotransformation Localization	6 Net	fazodone+0	m	C25H32CIN5O3	486.2263	3.07	1.00	10	1		
Summarize Accord Sampler	7 Nefa	fazodone+0	m	C25H32CIN5O3	486.2265	3.07	0.90	4.6	3 🔟	\checkmark	V
Standard Curve	8										
Drug Related Properties	9										
Metabolite Review Appotated	*					m					•
	Summary Plot *										Line 🕶 💠 👘
	Compone	ent: Nefazodon	e+O								
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	0	,	1:2	2		1:23		1:24	1:25		1:26
							Sa	nple Injection			
	Metabo	olite Flerarchy									

考察某一代谢物在所有样品中的情况

Waters UNIFI - Met ID Application Solution	Example	e MS^E Analy	sis Method Dec 31, 2	013 19:05:44 China	Standard Time D	ec 31, 2013 22:49:3	6 China Standard Time: Analysis Center				
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Review Investigate Report											
😭 💠 Review Results 👘									🙆 Li	mits 🔻 🛐 Process 🍿 Edit 🝷 🌼 Tools	🕶 陆 🛛 🔊 File 💌
Workflow •	.86			310	811_037	[1] + +	Nefazodone+O	4 ()			Tilters
Workflow 😎	Co	mponent	Summary -					*			
Summary	4	Item name	Replicate number	Sample position	Nefazodone	Nefazodone+0	Nefazodone-C11H12N2O(dealkylation)	Nefazodone+O	Nefazodone+O	Nefazodone-C17H22CIN5O(dealkylation)+O	Nefazodone-C15H19N30
o batch overview	1	310811_036		1 1:22	26192	59	3	0			
Metabolite Review	2	310811_037		1 1:23	26032	1852	21	6 141	46	2	1
 Binary Comparison 	3	310611_038		1 1:24	21988	6575	3.	1 409)		
 Metabolite Map 	4	310811_039		1 1:25	15884	7358		357		3)
 Biotransformation Localization 	6	310811_040		1 1:26	12100	P533		148	5	3	
 Trendplot 	7	310817.040		1 1-28	. 33447					2	5
Summarize Across Samples	8	左键	点击S	umma	rize.	Acros	s Samples 4	2			
 Standard Curve 	9	310811 044		1 1:30	17588	8543					
 Drug Related Properties 	-										
 Metabolite Review Annotated 											
					111						*
	м	etabolite Hi	erarchy Su	mmary Plot							
Administrator UNIEL Administrator											
		d. 1									· · ·

代谢产物与原药的相关性

Haters UNIFI - Met ID Application Solution	n Example	e MS^E Analysis Method Dec 31, 2013 19	05:44 China Standard Time I	Dec 31, 2013 22:49	36 China Standard Time:	Analysis Center	And in case of the local division in the loc			- 8 ×			
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Review Investigate Report													
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Workflow •	•		310811_037	[1] • •	Candidate Ma	iss 274 + +]			V Filters 🔹			
Workflow 📿 🗸	Co	mponent Summary *											
Summary	4	Component name	Label Formula	m/z Obse	rved RT (min) Passed	Neutral Loss Filter	Passed Mass Defect Filter	Passed Halogen Match Filter	Passed Fragment Sea ch	F., i = Identi *			
 Batch Overview 	154	Candidate Mass 204,0872		204.0872	4.84								
Review	155	Candidate Mass 116.0527		116.0527	4.84				10 A				
Metabolite Keview	156	Candidate Mass 415.0422		415.0422	4.84				10 A				
Binary Comparison Metabolito Man	157	Candidate Mass 88.0219		88.0219	4.84								
Riotransformation Localization	158	Candidate Mass 471.1042		471.1042	4.84				1				
 Trandulot 	159	Candidate Mass 144.9824		144.9824	4.87			. E					
 Summarize Across Samples 	160	Candidate Mass 432.9946		432.9946	4.96								
 Standard Curve 	161	Candidate Mass 172.1160		172.1160	1.98								
Drug Related Properties	162		a Delete	423.1543	4.98								
 Metabolite Review Annotated 	163	/亚键 展 函 D I U	g Relate		berues								
	164	Candidate Mass 57.0698		57.0698	4.98								
	165	Candidate Mass 133,0868		133.0868	4.98								
	166	Candidate Mass 371.1599		371.1599	4.99				1				
	167	Nefazodone	C25H32CIN5O2	470.2318	3.27 2								
	168	Nefazodone-C2H2(dealkylation)	C23H30CIN5O2	444.2163	3.26 /	11							
	169	Candidate Mass 596.3681		596.3681	3.27								
	170	Candidate Mass 470,3609		470.3609	3.27				V				
	171	Candidate Mass 467.2079		467.2079	3.27	1		1					
	172	Candidate Mass 274.1543		274.1543	3.27				V	E			
	173	Candidate Mass 953.1054		953.1054	3.27	11	1						
		·											
	L面任何一项通过的都可能是代谢产物;												
🔠 Administrator, UNIFI (Administrator					除此え	之外,还	需要考虑	Binary Co	mpareÉ	的结果			

储存报告为PDF格式

