## Importing Processing Methods from Analyst<sup>®</sup> or MultiQuant<sup>™</sup> Software to SCIEX OS-MQ Software

SCIEX OS Software is the latest innovation from SCIEX in data processing. Combining the powerful features of multiple software platforms into one, it's a single solution for your data processing needs. Many new features in SCIEX OS Software will speed up processing method development as well as data review. You can use the new features in SCIEX OS-MQ Software with your previously optimized processing methods from Analyst Software and MultiQuant Software. To do so, you must first export your processing method (.qmf from Analyst or .qmethod from MultiQuant) to a .txt file.

 In Analyst Software 1.7, a script is available to do so. First close the Analyst Software. Then, navigate to C:\Program Files (x86)\Analyst\Scripts\Create Text File From Quan Method. and execute the ScriptRunner.exe:



2. After executing the file, open Analyst and navigate to the Scripts menu and find the script to launch it:



3. A menu will appear asking how to export the columns in the processing method. If you are unsure about which columns to export, choose all columns:

🖏 Options	_		×					
Export all columns (otherwise only if field value is not the same for all peaks)								
Only show this dialog again if the control key is down								
	OK	Can	cel					

4. Then a window opens for you to choose which method to export:

🖏 Select Quantitation Metho	od			×
← → × ↑ 🔒 « Pro	jects > Example > Quantitation Methods	✓ ບ້ Search	Quantitation Methods	٩
Organize 🔻 New folder	r			?
OneDrive - Danah	Name	Date modified	Туре	Size
This DC	📙 eventlog	5/30/2019 11:33 AM	File folder	
This PC	AL MS3 test.qmf	5/30/2019 11:35 AM	Analyst Document	2!
3D Objects	AL PK Data_Mix no IS.qmf	8/30/2018 11:42 AM	Analyst Document	2!
E Desktop	AL PK Data_Mix.qmf	5/6/2019 11:19 AM	Analyst Document	1
🔮 Documents	AL surine.qmf	3/21/2018 2:43 PM	Analyst Document	2
🖶 Downloads	AL validation gad.qmf	7/19/2019 11:30 AM	Analyst Document	2!
b Music				
Pictures				
Videos				
Mindows (Cr)	<			>
File na	me: .qmf	~ Quant	itation Methods (*.qmf)	$\sim$
		C	pen Cancel	

5. Then a new window opens that looks very similar, asking you to give a name to the exported file and save it into the Quantitation Methods folder of the currently selected Project (or you can save it to a new location):

5. Specify Output Te	xt File					×
$\leftrightarrow \rightarrow \cdot \uparrow$	« E)	ample > Quantitation Methods	~	Ō	Search Quantitatio	on Methods 🔎
Organize 🔻 Ne	w fold	ler				::: - ?)
💻 This PC	^	Name			Date modified	Туре
3D Objects		eventlog			5/30/2019 11:33 AM	File folder
Desktop		ValGAD.txt			7/18/2019 3:02 PM	Text Document
Documents		ValGAD-all columns.txt			7/19/2019 11:30 AM	Text Document
Downloads		validation GAD export.txt			10/30/2018 11:23	Text Document
👌 Music						
Pictures	~	<				>
File name:	ValG	AD-all columns-export.txt				~
Save as type:	Text	Files (*.txt)				~
∧ Hide Folders					Save	Cancel

6. Finally, open SCIEX OS Software and start a new processing method:

	🧕 🖸 of	fline ? – 🕫 ×
Project: April Test Projects   Results	✓ Reporting ✓ Views	Process Method      ×
	Begin by creating a results table or	Edit embedded method Save embedded method as
		New
		Open

7. Select your workflow and sample(s) and then navigate to the Components page

[AutoPeak] Untitled Met	thod X
Workflow	Select the workflow and then select a reference sample, if applicable
Components	Quantitation
Integration	Quantitation and targeted identification Non-targeted screening
Library Search	Current Location: C:\SCIEX OS Data\April Test\Data\ Browse
Calculated Columns	Available Selected
Flagging Rules	✓ ValidationGAD     ✓ State Strength And Strength A
Advanced	V Solvent Blank 1 V Blank-Blank 1-Ovnt-fz Blank 5: Ovnt-fz
	50 % Cutoff-Ovnt-fz 75 % Cutoff-Ovnt-fz
Non-targeted Peaks	
	Save 🛛 🗸 Close Help

8. Before importing the .txt file, highlight all the rows and right click delete them.

[AutoPeak] Untitled Method										
Workflow Select or verify the analyte and internal standard names and masses.										
Components •										
Integration	Row	IS	Group	Name	•	Precursor (Q1) Mass (Da)	Fragment (Q3) Mass (Da)	XIC Width (Da)	Retention Time Mode	Retention Time (min)
Library Search	1		6-MAM	6-MAM 1		328.1	165.2	0.02	RT value	4.5
Calculated Columns	CI	ear		CtrilleC	alpra	328.1 325.1	211.2 297	0.02	RT value RT value	3.98 4.97
Flagging Rules	Paste			Ctrl+V Ctrl+D	alpra	325.1 309.1	216.1 281	0.02	RT value RT value	4.97 5.07
	Insert Row Above			1	309.1	205.1	0.02	RT value	5.07	
	De	elete Sele	Amphe	Amphetamine	2	136.1	119	0.02	RT value	3.21
Non-targeted Peaks	9 10		Benzoy Benzoy	Benzoylecgor Benzoylecgor	line 1 line 2	290.2	168.1	0.02	RT value	3.71
	- 11		Bupren	Buprenorphin	e 1	468.3	396.1	0.02	RT value	5.13
	12		Bupren	Buprenorphin	e 2	468.3	414.2	0.02	RT value	5.13
	▶ 13		Carisop	Carisoprodol	1	261.2	176.2	0.02	RT value	4.73

9. If you do not do this, the .txt file will be imported and appended to the existing components table, resulting in duplicate components, and errors on each duplicate row:

[AutoPeak] Untitled Method											
Workflow	Select or verify the analyte and internal standard names and masses.										
Components •											
Integration	Row	IS	Group	Name	Precursor (Q1) Mass (Da)	Fragment (Q3) Mass (Da)	XIC Width (Da)	Retention Time Mode	Retention Time (min)		
	<b>9</b> 1		6-MAM	6-MAM 1 🤑	328.1	165.2	0.02	RT value	4.5		
Calculated Columns	<ul><li>2</li><li>3</li></ul>		6-MAM Alpha	6-MAM 2 😝	328.1 325.1	211.2 297	0.02	RT value RT value	3.98 4.97		
Flagging Rules	<b>9</b> 4 <b>9</b> 5		Alpha Alprazo	Alpha-hydroxyal 🔒 Alprazolam 1 🔒	325.1 309.1	216.1 281	0.02	RT value RT value	4.97 5.07		
Adversed	9 6		Alprazo	Alprazolam 2 🤑	309.1	205.1	0.02	RT value	5.07		
	9 7		Amphe	Amphetamine 1	136.1	91	0.02	RT value	3.21		
	98		Amphe	Amphetamine 2	136.1	119	0.02	RT value	3.21		
					200.2	100.1	0.00	07.1	0.74		

10. Once you delete the entire table, click the Import button and select "Import components and integration parameters from a text file...."

Workflow	Sele	ect or	verify	the anal	yte and	d internal st	andard names	and masses.
					Im	port	• Export	Options •
Integration					-	Import com	ponents from a te	ext file
-	к	ow	IS	Group		Import com		gration parameters from a
	•	1		6-MAM	6-N	Import com	ponents from a li	brary database
		2		6-MAM	6-N	import com	ponento nonir u n	bidiy database
Calculated Columns		3		Alpha	Alpha-I	hydroxyalpra	325.1	297
The sector of Dealers		4		Alpha	Alpha-l	hydroxyalpra	325.1	216.1
Flagging Rules		5		Alprazo	Alprazo	lam 1	309.1	281
		6		Alprazo	Alprazo	lam 2	309.1	205.1
		7		Amphe	Amphe	tamine 1	136.1	91
		8		Amphe	Amphe	tamine 2	136.1	119
		9		Benzoy	Benzoy	lecgonine 1	290.2	168.1
Non-targeted Peaks		10		Benzoy	Benzoy	lecgonine 2	290.2	105
		11		Bupren	Bupren	orphine 1	468.3	396.1
		12		Bupren	Bupren	orphine 2	468.3	414.2
		13		Carisop	Carisop	rodol 1	261.2	176.2
	4		-					X

11. Navigate to the folder where you saved the .txt file and select it, click Open:

🛐 Open					×
← → × ↑ 📙 « Analy	yst Data > Projects > Example > Quantitation	n Methods 🛛 🗸	Ö Search Quantit	ation Methods	٩
Organize 👻 New folder					0
^ ^	Name	Date modified	Туре	Size	
Curck access	eventlog	5/30/2019 11:33 AM	File folder		
📥 OneDrive - Danah	ValGAD.txt	7/18/2019 3:02 PM	Text Document	12 KB	
This PC	ValGAD-all columns 2.txt	7/23/2019 1:15 PM	Text Document	19 KB	
3D Objects	ValGAD-all columns.txt	7/19/2019 11:30 AM	Text Document	19 KB	
<ul> <li>Desktop</li> <li>Documents</li> <li>Downloads</li> <li>Music</li> </ul>	li validation GAD export.txt	10/30/2018 11:23	Text Document	18 KB	
Pictures V					
File nam	ne: ValGAD-all columns 2.txt		<ul> <li>Text Files (*.txt</li> <li>Open</li> </ul>	) Cancel	-

12. You may get this message if you are not choosing the same integration algorithm that the method was created with:



- 13. This is ok. Click Ok.
- 14. Assign internal standards, and groups as necessary if you are monitoring Ion Ratios.
- 15. Next go to the Integration page, and you will see this if you are using the AutoPeak integration algorithm:



16. Click the button to calculate the method parameters:

[AutoPeak] Untitled Me	ethod	
Workflow Components	For each component, configure the parameters to optim Algorithm AutoPeak  GAMAN1  Retention Time (R1)	ize peak int Options
	Building AutoPeak method Sapple 1 of 1 (46)	
Non-targeted Peaks	Certispredal 2 Conseption 1 Clonazeam 2	n all of ▼ 0 4.5 Apply Time, mi
	Save 🛛 🗸	Close Help

17. Finally you will be able to see the components and their integration parameters.



- 18. Then you can use the new features in SCIEX OS Software such as the Calculated Columns and Flagging Rules in your newly converted method.
- 19. For MultiQuant Software method import, first open the quantitation method (.qmf) that you would like to import. Then, go to the File menu and select Export > Quantitation Method as Text... and choose a location to export to.

NI File	e Edit Process Window Hel	2			
*	New Results Table	Ctrl+N			
Con	New Quantitation Method				
_	Open Results Table	Ctrl+0	atura 8 Promotion   Octore Suttorne		
	Open Quantitation Method		aun a regression   couler deurigs		
	Save	Ctrl+S	(113 transitions)		
	Save As		Name		
	Recent Results Tables	>	6-MAM 1	6-MAM	
	Recent Quantitation Methods	>	6-MAM 2	6-MAM	
	Import	>	Alpha-hydroxyalprazolam 1	Alpha-hydroxyalpraz	
	Export	>	Results Table	lpraz	
	Transfer to LIMS	Ctrl+L	Results Table - Metric Results Table - Metric for mTRAO8 Response		
	Create Report	Ctrl+R			
	Exit		Results Table's Quantitation Method as Text	thod	
		10	Quantitation Method as Text		
		11	Active Chromatogram as Text		
		12 0	Cariacerodol 1	Cariscondol	

20. Then follow the directions from Step 7 above to import.