

PeakView Software

Downloading link

<https://sciex.com/products/software/peakview-software>

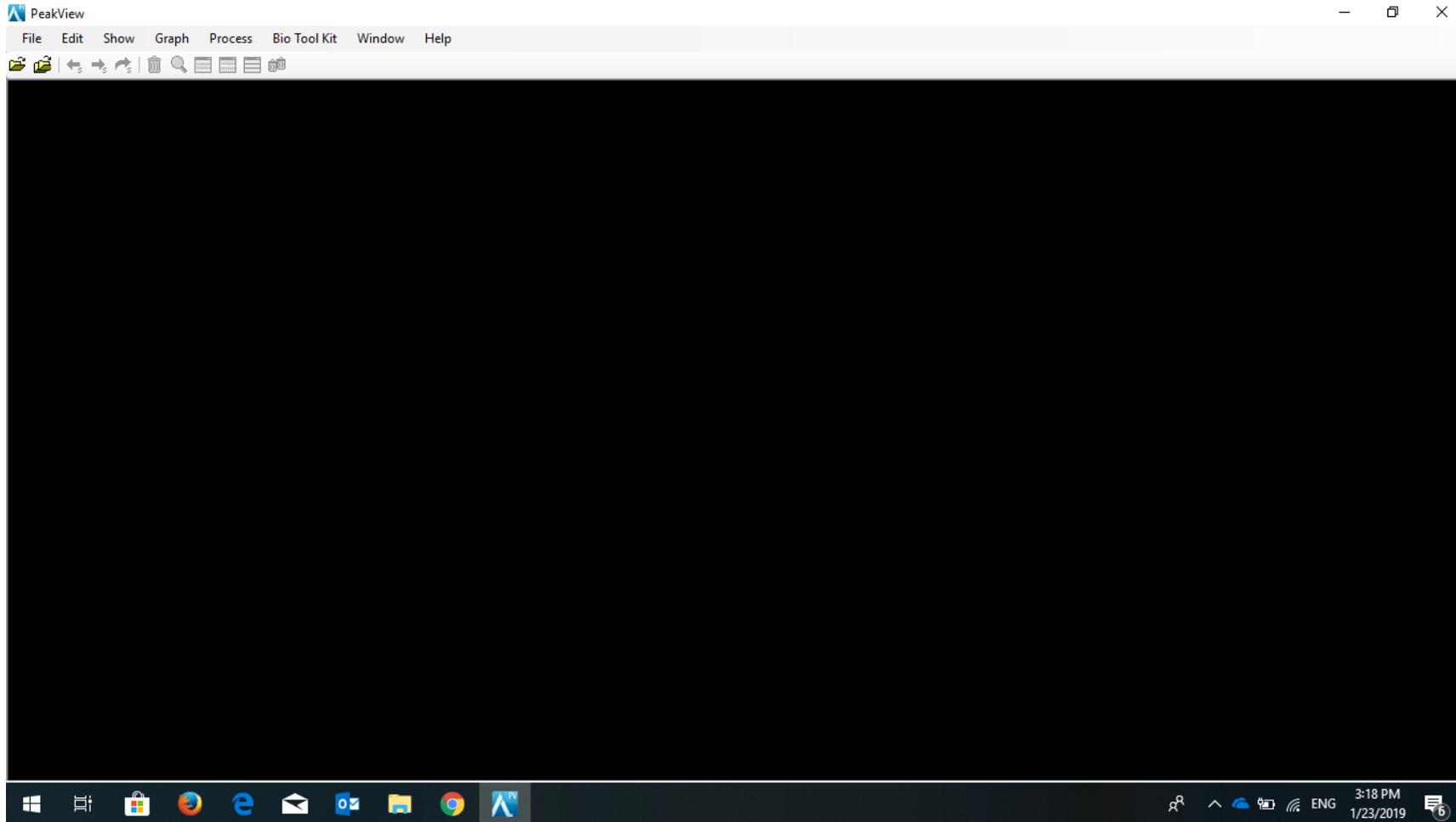
Go through the page to find this section

Downloads, Resources, and Support	
Software Downloads	+
Resources	+
Support	+

Download the Peakview software and follow the instructions and check you mail **twice** until finishing setup

After downloading the software

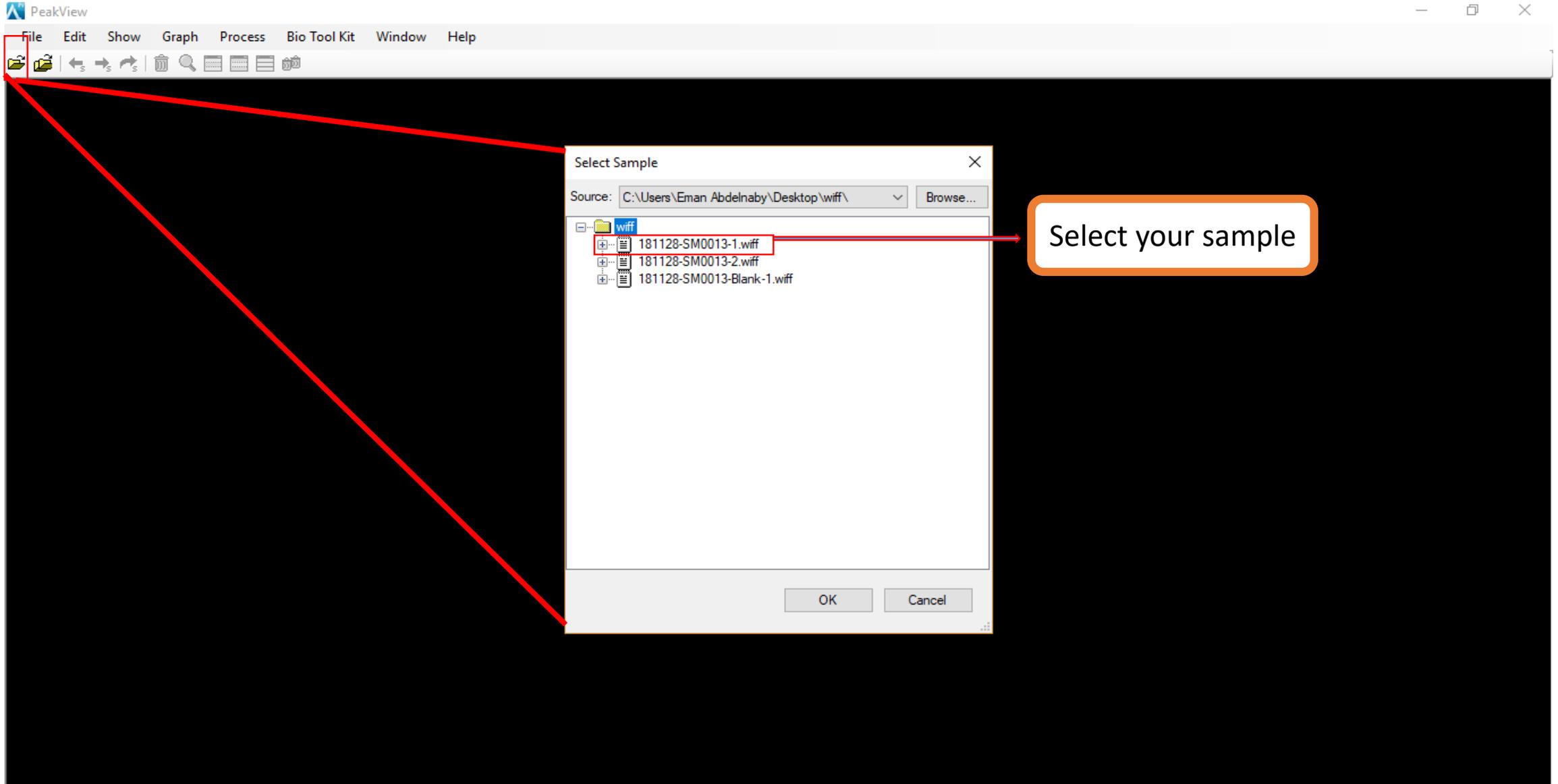
Lunching the software





1. To get fragmentation of desired m/z

Upload your sample to the software



Select your sample



Open IDA Sample

How do you want to open this IDA sample?

With the IDA Explorer

As a standard TIC

Only show this dialog again if the shift key is down

OK Cancel

The view will change for this

PeakView - [Spectrum from 181128-SM0013-1.wiff (sample 1) - 181128-SM0013-1, Experiment 2, +TOF MS² (50 - 1000) from 0.078 min]

File Edit Show Graph Process Bio Tool Kit Window Help

Ref YIC Filtering Controls

Graph **Table**

Time versus Precursor

Mass/Charge, Da

Time, min

9829 spectra visible

Microsoft Edge

Spectrum from 181128-SM0013-1.wiff (sample 1) - 181128-SM0013-1, Experiment 2, +TOF MS² (50 - 1000) from 0.078 min
Precursor: 85.0 Da, CE: 35.0

Intensity

Mass/Charge, Da

71.9523

84.9595/0.08

4.4868/14.01

731/14.16

898.6077/15.24

875.5132/15.32

923.7408/21.58

898.7888/21.99

826.2123/21.78

898.7866/21.88

902.8196/23.31

919.7133/22.02

814.6086/23.31

832.2443/21.60

Select table

After select table, the view will change for the following:

The screenshot displays the PeakView software interface. The left pane shows a table of peak data with columns for Index, Time, m/z, Mass Defect, TIC, Num Merged, and Quality. The right pane shows a mass spectrum plot with Intensity on the y-axis and Mass/Charge, Da on the x-axis. A prominent peak is labeled at m/z 71.9523. The software title bar indicates the file is '181128-SM0013-1.wiff (sample 1)'.

Index	Time	m/z	Mass Defect	TIC	Num Merged	Quality
1	0.08	84.9595	0.9595	1.1e2	1	0
2	0.08	93.0697	0.0697	1.0e3	1	27
3	0.08	107.0854	0.0854	3.9e2	1	0
4	0.08	116.9854	0.9854	3.0e3	1	54
5	0.08	149.1175	0.1175	2.6e3	1	40
6	0.08	199.1702	0.1702	3.4e3	1	29
7	0.08	419.3169	0.3169	1.6e3	1	33
8	0.08	429.2415	0.2415	1.8e3	1	7
9	0.08	610.1857	0.1857	5.5e3	1	55
10	0.08	685.2049	0.2049	4.5e3	1	35
11	0.09	53.0022	0.0022	7.7e2	1	0
12	0.09	74.0964	0.0964	1.0e3	1	0
13	0.09	324.2170	0.2170	1.2e3	1	11
14	0.09	351.9303	0.9303	4.6e3	1	49
15	0.09	366.2283	0.2283	2.4e3	1	44
16	0.10	371.3161	0.3161	8.3e3	1	60
17	0.10	538.1652	0.1652	4.9e3	1	48
18	0.11	163.1235	0.1235	5.2e3	1	62
19	0.11	388.2549	0.2549	1.0e4	1	78
20	0.12	181.0276	0.0276	1.0e4	1	80
21	0.12	279.0946	0.0946	4.1e4	1	91
22	0.13	53.0022	0.0022	7.5e2	1	0
23	0.13	59.0491	0.0491	8.8e2	1	0
24	0.13	73.0646	0.0646	5.3e1	1	0
25	0.13	118.0862	0.0862	2.6e3	1	65
26	0.13	125.9859	0.9859	1.6e3	1	75
27	0.13	135.1014	0.1014	2.9e3	1	51
28	0.13	149.0229	0.0229	9.5e3	1	62

9829 spectra visible

Spectrum from 181128-SM0013-1.wiff (sample 1) - 181128-SM0013-1, Experiment 2, +TOF MS² (50 - 1000) from 0.078 min
Precursor: 85.0 Da, CE: 35.0

Intensity

Mass/Charge, Da

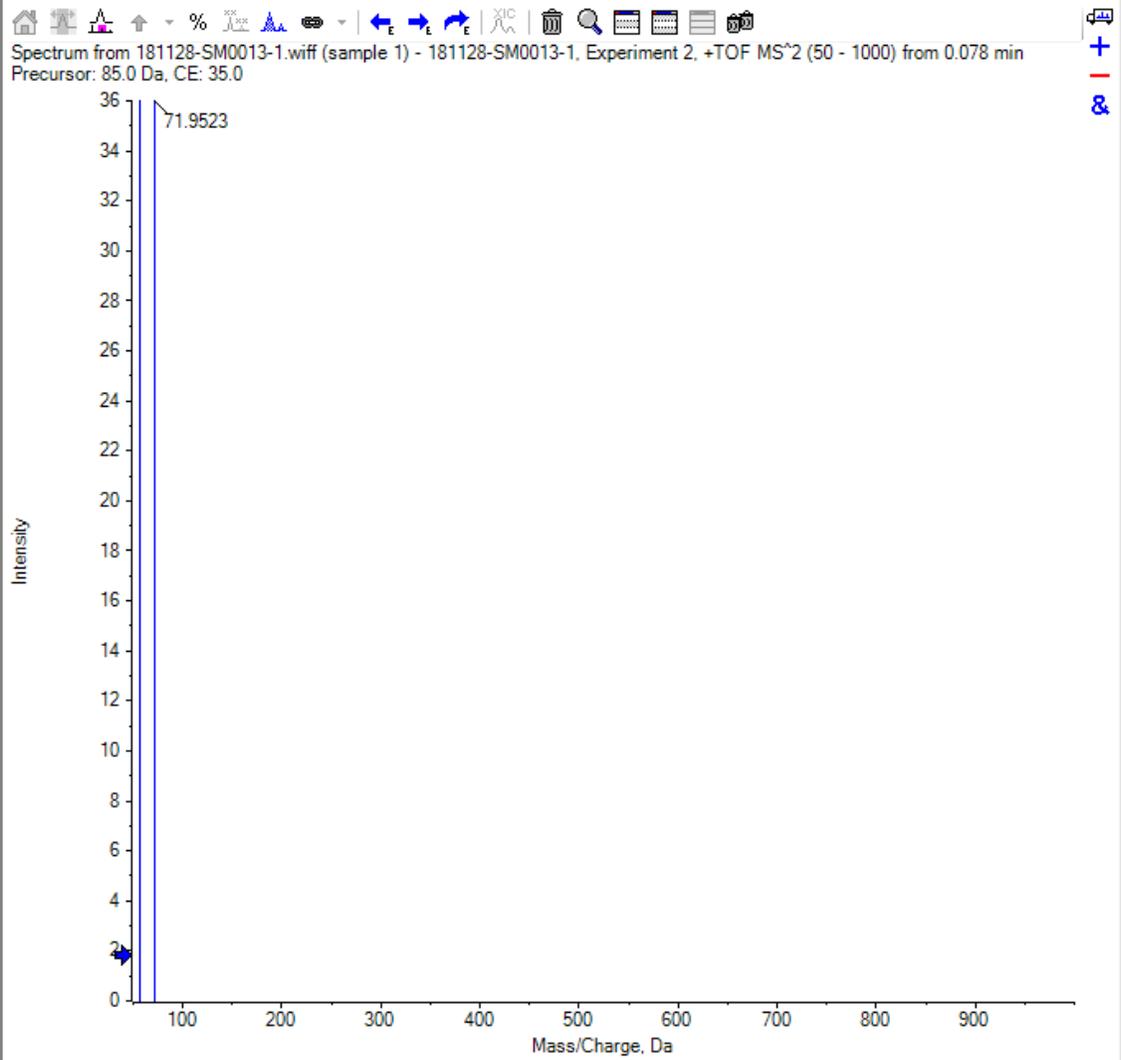
3:20 PM
1/23/2019

Filtering Controls

Graph Table

Index	Time	m/z	Merged	Quality		
2502	8.17	53.0015		0		
364	0.92	53.0015		0		
3428	10.01	53.0016		0		
3660	10.25	53.0016		0		
441	0.99	53.0016		0		
2584	8.25	53.0016	0.0016	4.3e2	1	0
9504	22.79	53.0017	0.0017	1.5e3	1	0
7730	17.61	53.0017	0.0017	7.9e2	1	0
7693	17.57	53.0018	0.0018	9.7e2	1	0
3486	10.06	53.0018	0.0018	2.1e2	1	0
4782	12.59	53.0019	0.0019	5.4e2	1	0
9263	21.81	53.0019	0.0019	1.2e3	1	0
5869	14.68	53.0019	0.0019	3.2e2	1	0
5022	12.90	53.0019	0.0019	3.9e2	1	0
775	1.34	53.0019	0.0019	4.7e2	1	0
2778	8.43	53.0019	0.0019	4.7e2	1	0
5178	13.36	53.0019	0.0019	5.4e2	1	0
8502	19.27	53.0019	0.0019	8.6e2	1	0
1579	6.00	53.0019	0.0019	6.8e2	1	0
6042	14.85	53.0019	0.0019	5.4e2	1	0
2217	7.57	53.0019	0.0019	9.3e2	1	0
7648	17.53	53.0020	0.0020	4.6e2	1	0
4106	11.01	53.0020	0.0020	5.0e2	1	0
4178	11.09	53.0020	0.0020	7.9e2	1	0
645	1.18	53.0020	0.0020	5.0e2	1	0
9137	21.70	53.0020	0.0020	7.5e2	1	0
2681	8.34	53.0020	0.0020	6.1e2	1	0
1504	5.80	53.0020	0.0020	4.7e2	1	0

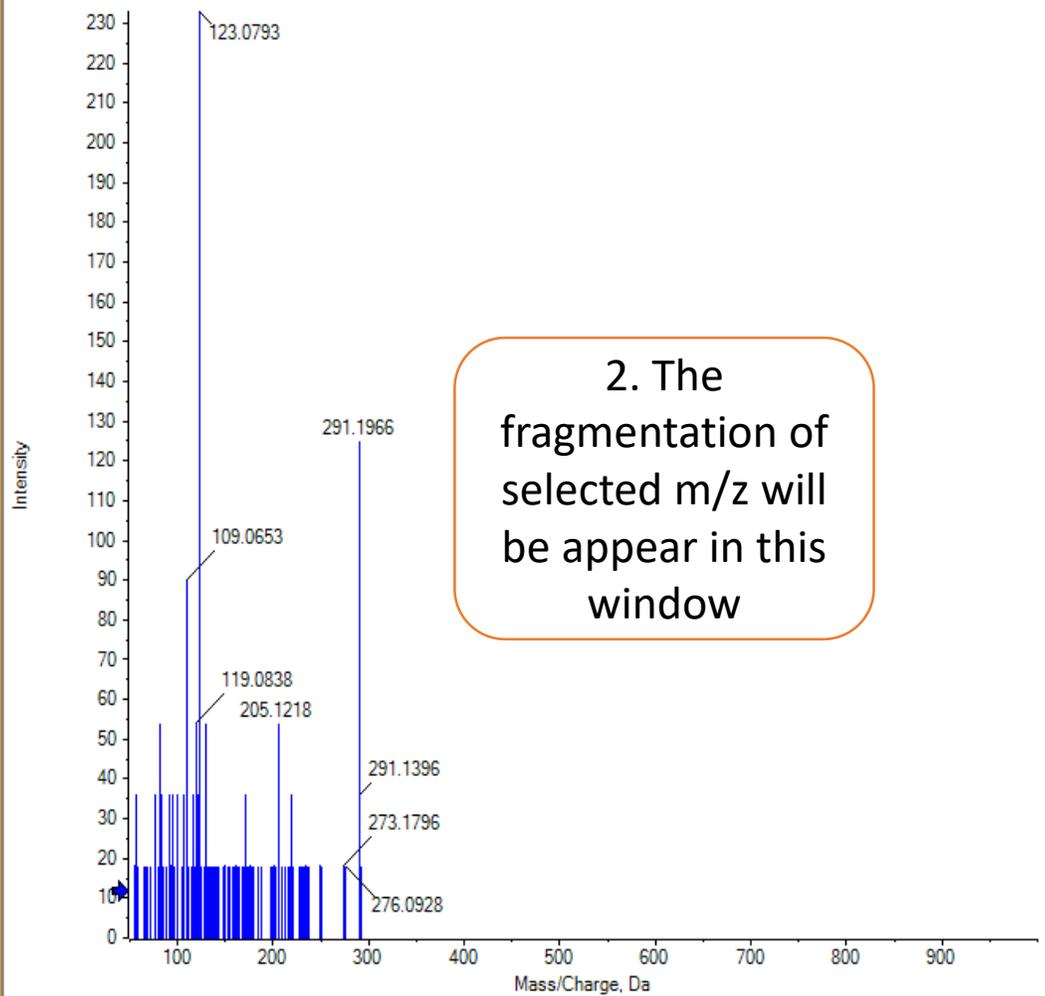
Double click on m/z to arrange it



9829 spectra visible

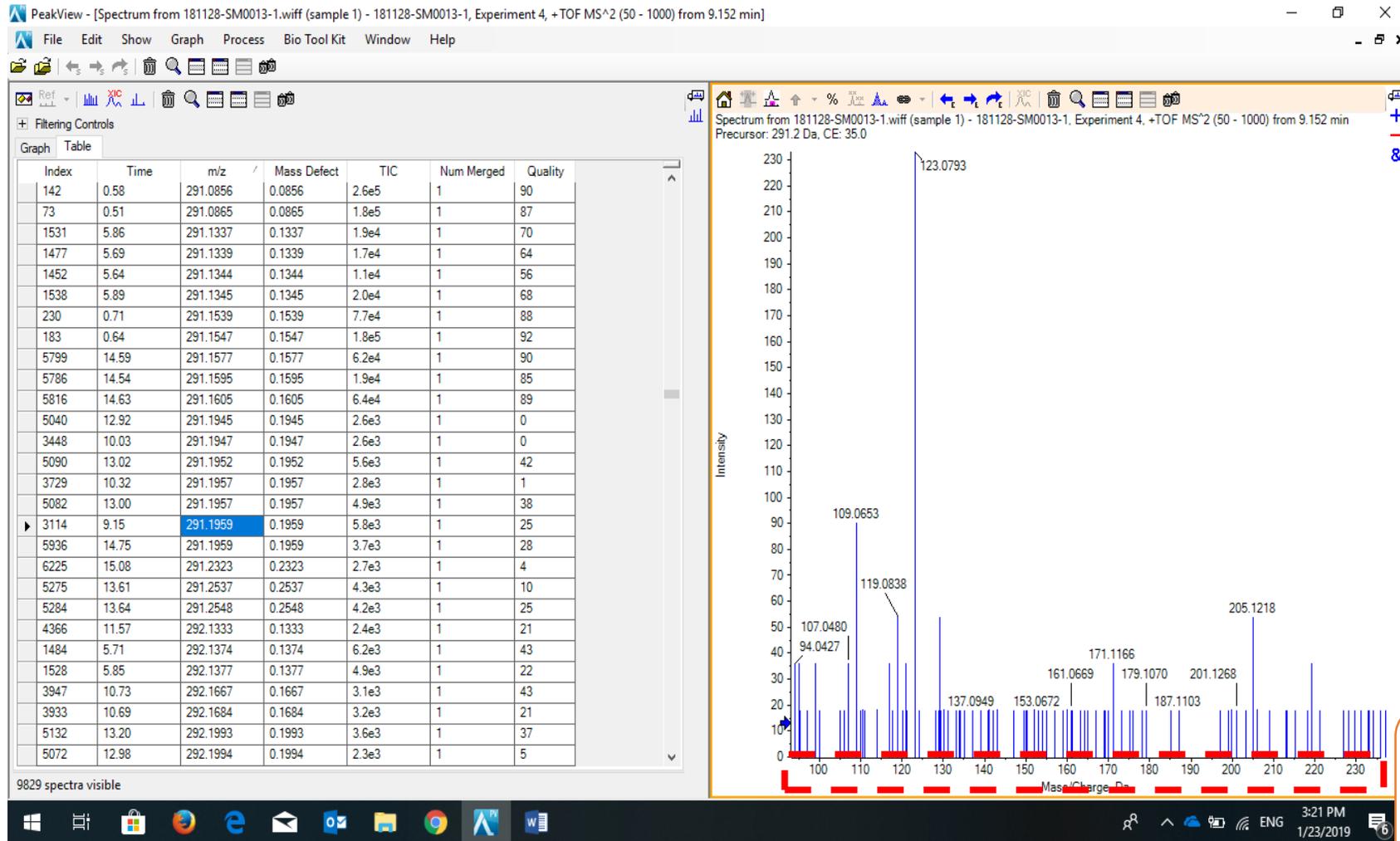
Index	Time	m/z	Mass Defect	TIC	Num Merged	Quality
142	0.58	291.0856	0.0856	2.6e5	1	90
73	0.51	291.0865	0.0865	1.8e5	1	87
1531	5.86	291.1337	0.1337	1.9e4	1	70
1477	5.69	291.1339	0.1339	1.7e4	1	64
1452	5.64	291.1344	0.1344	1.1e4	1	56
1538	5.89	291.1345	0.1345	2.0e4	1	68
230	0.71	291.1539	0.1539	7.7e4	1	88
183	0.64	291.1547	0.1547	1.8e5	1	92
5799	14.59	291.1577	0.1577	6.2e4	1	90
5786	14.54	291.1595	0.1595	1.9e4	1	85
5816	14.63	291.1605	0.1605	6.4e4	1	89
5040	12.92	291.1945	0.1945	2.6e3	1	0
3448	10.03	291.1947	0.1947	2.6e3	1	0
5090	13.02	291.1952	0.1952	5.6e3	1	42
3729	10.32	291.1957	0.1957	2.8e3	1	1
5082	13.00	291.1957	0.1957	4.9e3	1	38
▶ 3114	9.15	291.1959	0.1959	5.8e3	1	25
5936	14.75	291.1959	0.1959	5.8e3	1	25
6225	15.08	291.2323	0.2323	5.8e3	1	25
5275	13.61	291.2537	0.2537	5.8e3	1	25
5284	13.64	291.2548	0.2548	5.8e3	1	25
4366	11.57	292.1333	0.1333	5.8e3	1	25
1484	5.71	292.1374	0.1374	5.8e3	1	25
1528	5.85	292.1377	0.1377	5.8e3	1	25
3947	10.73	292.1667	0.1667	5.8e3	1	25
3933	10.69	292.1684	0.1684	5.8e3	1	25
5132	13.20	292.1993	0.1993	5.8e3	1	37
5072	12.98	292.1994	0.1994	2.3e3	1	5

1. Select your desired m/z and confirm from the time column (RT, green one)



2. The fragmentation of selected m/z will appear in this window

To justify the figure



Make extension of the bar by holding left arrow and make extension

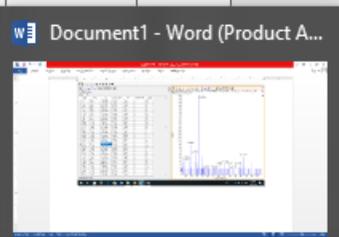


Filtering Controls

Graph Table

Index	Time	m/z	Mass Defect	TIC	Num Merged	Quality
3947	10.73	292.1667	0.1667	3.1e3	1	43
3933	10.69	292.1684	0.1684	3.2e3	1	21
5132	13.20	292.1993	0.1993	3.6e3	1	37
5072	12.98	292.1994	0.1994	2.3e3	1	5
1307	5.15	292.2110	0.2110	6.3e3	1	38
1321	5.20	292.2124	0.2124	6.6e3	1	30
3050	8.95	292.2639	0.2639	2.7e4	1	77
3057	8.98	292.2643	0.2643	4.1e4	1	85
3055	8.97	292.2643	0.2643	3.5e4	1	86
3081	9.06	292.2644	0.2644	3.3e4	1	80
3063	9.01	292.2644	0.2644	5.4e4	1	83
5268	13.60	292.2843	0.2843	2.4e3	1	15
6926	16.11	292.2843	0.2843	1.5e4	1	73
5255	13.57	292.2849	0.2849	2.5e3	1	10
2538	8.21	293.1102	0.1102	2.3e3	1	2
1986	7.05	293.1136	0.1136	4.0e3	1	12
3365	9.93	293.1148	0.1148	2.5e3	1	12
2087	7.36	293.1151	0.1151	1.6e3	1	0
2062	7.28	293.1155	0.1155	2.5e3	1	0
1548	5.91	293.1391	0.1391	2.7e3	1	9
1833	6.64	293.1500	0.1500	2.3e5	1	91
1820	6.60	293.1502	0.1502	2.1e5	1	88
2858	8.50	293.1505	0.1505	1.1e4	1	10
6401	15.38	293.1746	0.1746	1.0e5	1	10
6306	15.24	293.1750	0.1750	1.2e4	1	10
6326	15.26	293.1750	0.1750	2.1e4	1	10
6366	15.34	293.1754	0.1754	9.3e4	1	10
6432	15.45	293.1756	0.1756	2.1e5	1	10

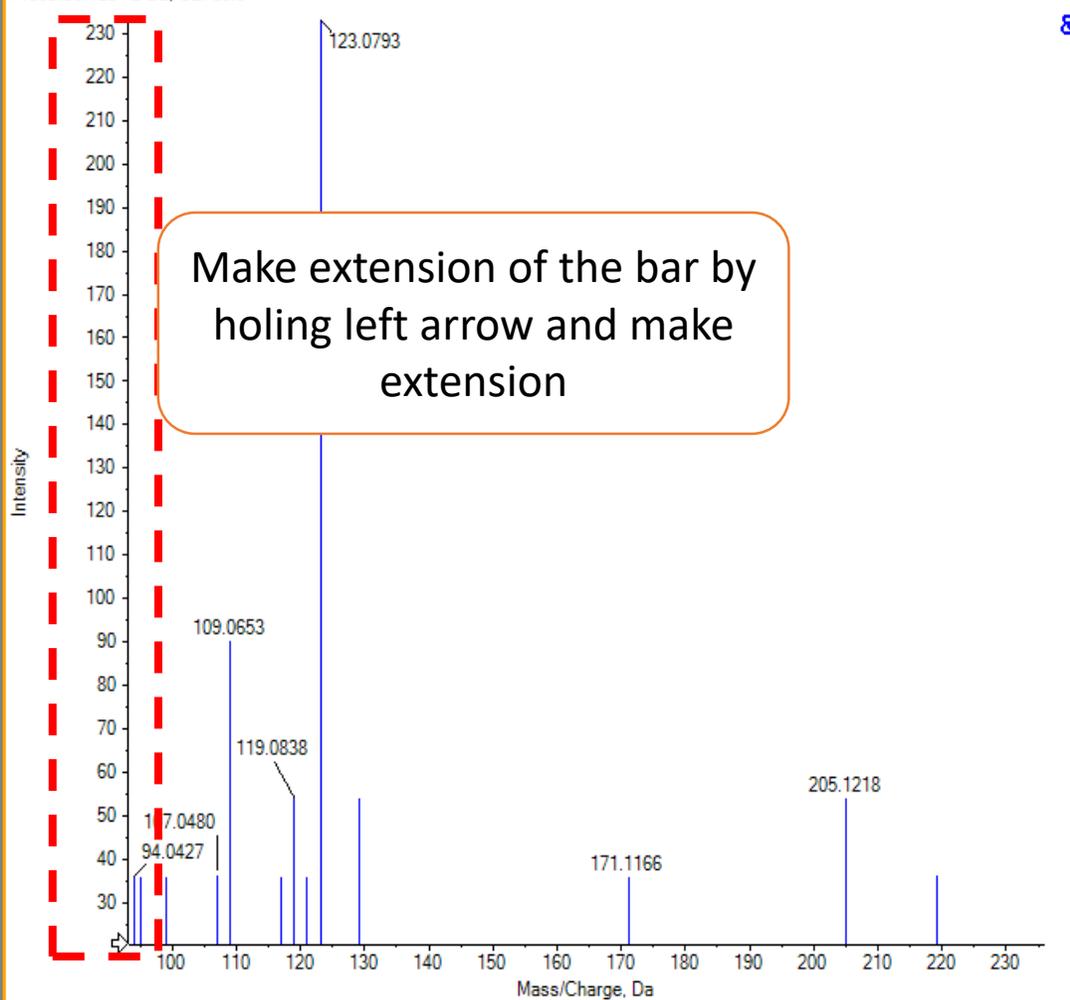
Document1 - Word (Product Activation Failed)



9829 spectra visible

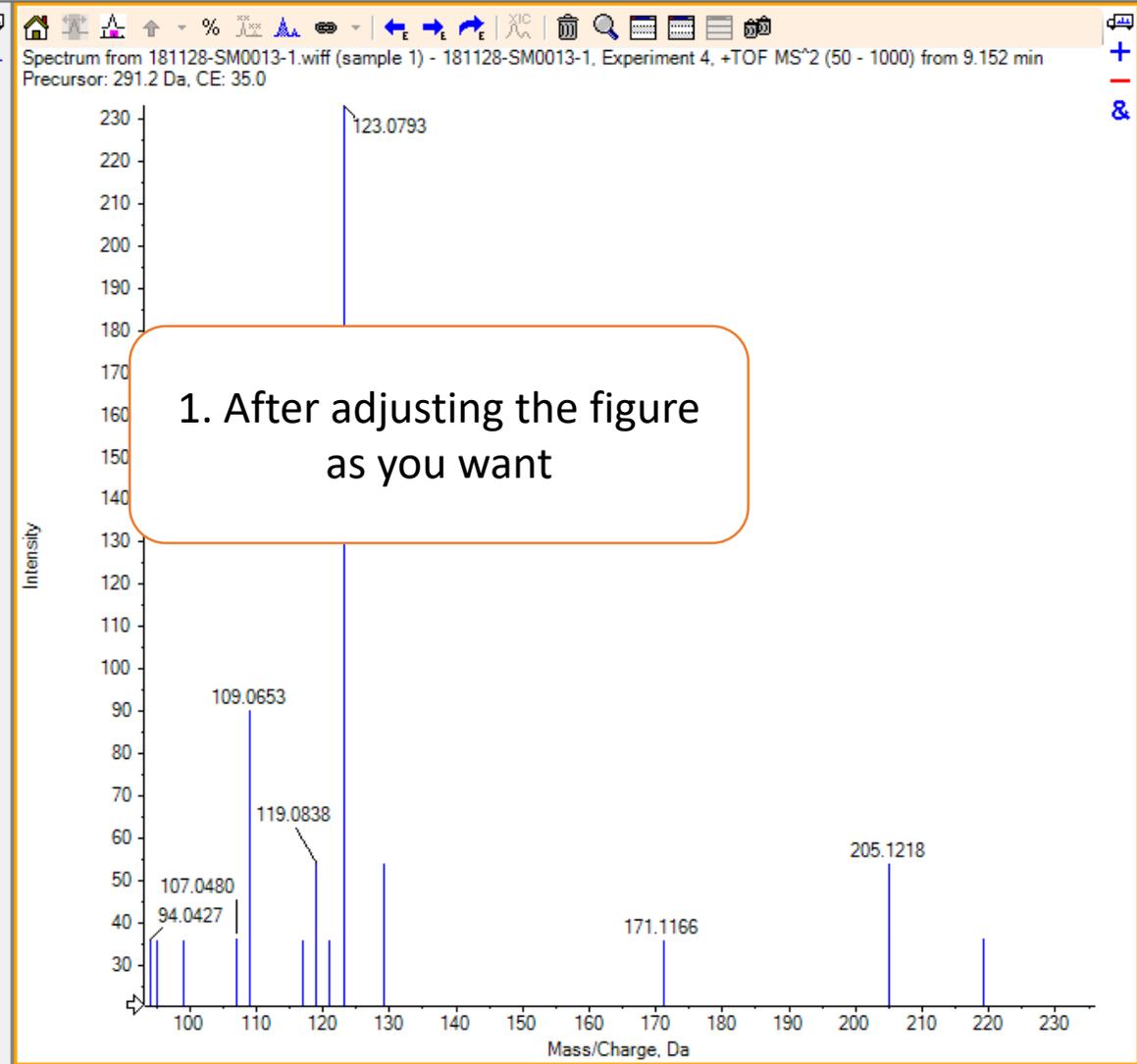


Spectrum from 181128-SM0013-1.wiff (sample 1) - 181128-SM0013-1, Experiment 4, +TOF MS² (50 - 1000) from 9.152 min
Precursor: 291.2 Da, CE: 35.0



Index	Retention Time	Mass Defect	TIC	Num Merged	Quality	
3947						
3933						
5132	13.20	292.2644	3.1e3	1	43	
5072	12.98	292.2644	3.2e3	1	21	
1307	5.15	0.1667	292.2843	1	43	
1321	5.20	0.1684	292.2843	1	21	
3050	8.95		292.2843	1		
3057	8.98		292.2843	1		
3055	8.97		292.2849	1		
3081	9.06	292.2644	0.2644	3.3e4	1	80
3063	9.01	292.2644	0.2644	5.4e4	1	83
5268	13.60	292.2843	0.2843	2.4e3	1	15
6926	16.11	292.2843	0.2843	1.5e4	1	73
5255	13.57	292.2849	0.2849	2.5e3	1	10
2538	8.21	293.1102	0.1102	2.3e3	1	2
1986	7.05	293.1136	0.1136	4.0e3	1	12
3365	9.93	293.1148	0.1148	2.5e3	1	12
2087	7.36	293.1151	0.1151	1.6e3	1	0
2062	7.28	293.1155	0.1155	2.5e3	1	0
1548	5.91	293.1391	0.1391	2.7e3	1	9
1833	6.64	293.1500	0.1500	2.3e5	1	91
1820	6.60	293.1502	0.1502	2.1e5	1	88
2858	8.50	293.1505	0.1505	1.1e4	1	49
6401	15.38	293.1746	0.1746	1.0e5	1	93
6306	15.24	293.1750	0.1750	1.2e4	1	72
6326	15.26	293.1750	0.1750	2.1e4	1	80
6366	15.34	293.1754	0.1754	9.3e4	1	91
6432	15.45	293.1756	0.1756	2.1e5	1	94

2. Click copy graph
3. Open word document and past the figure in it.

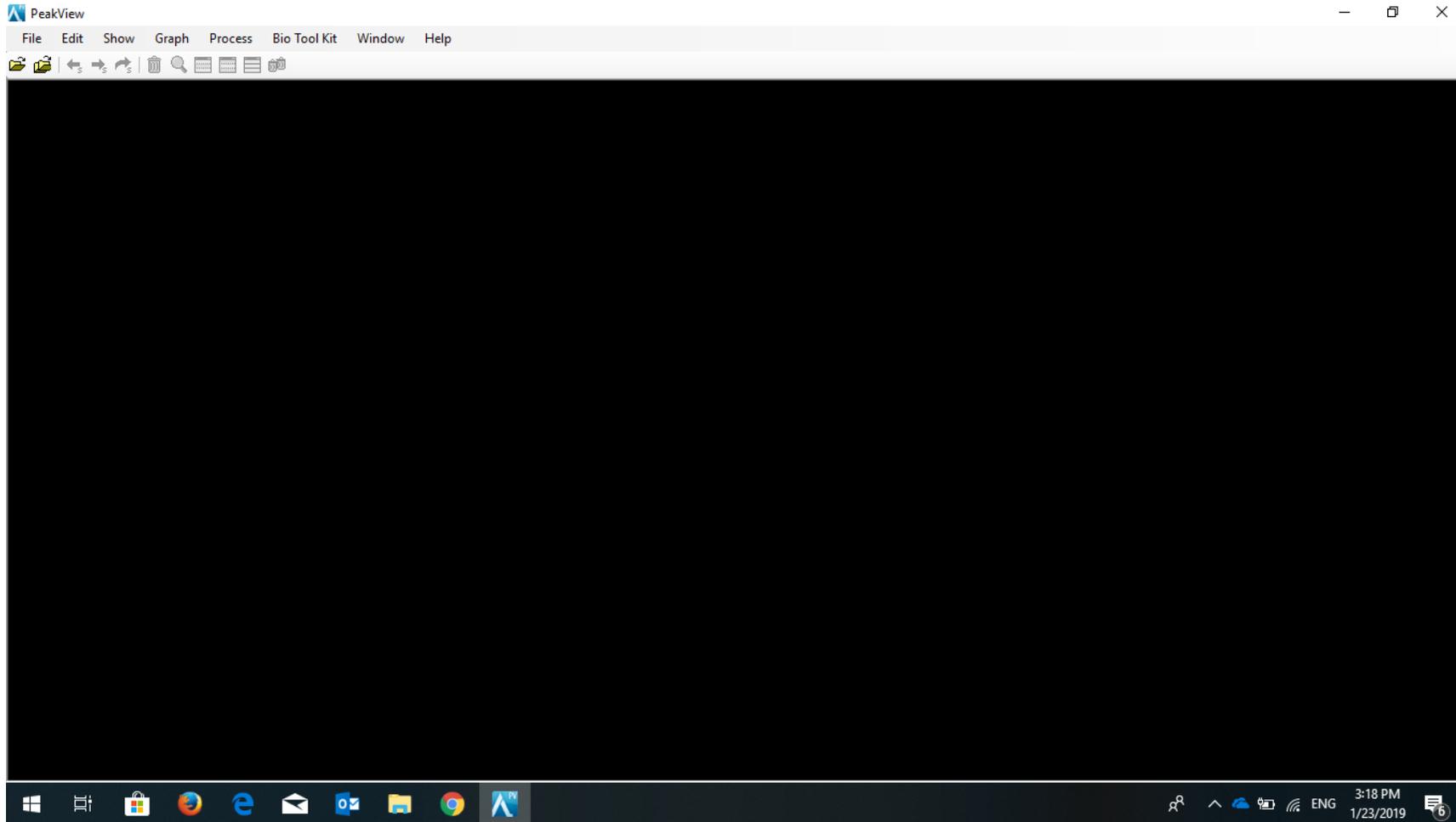


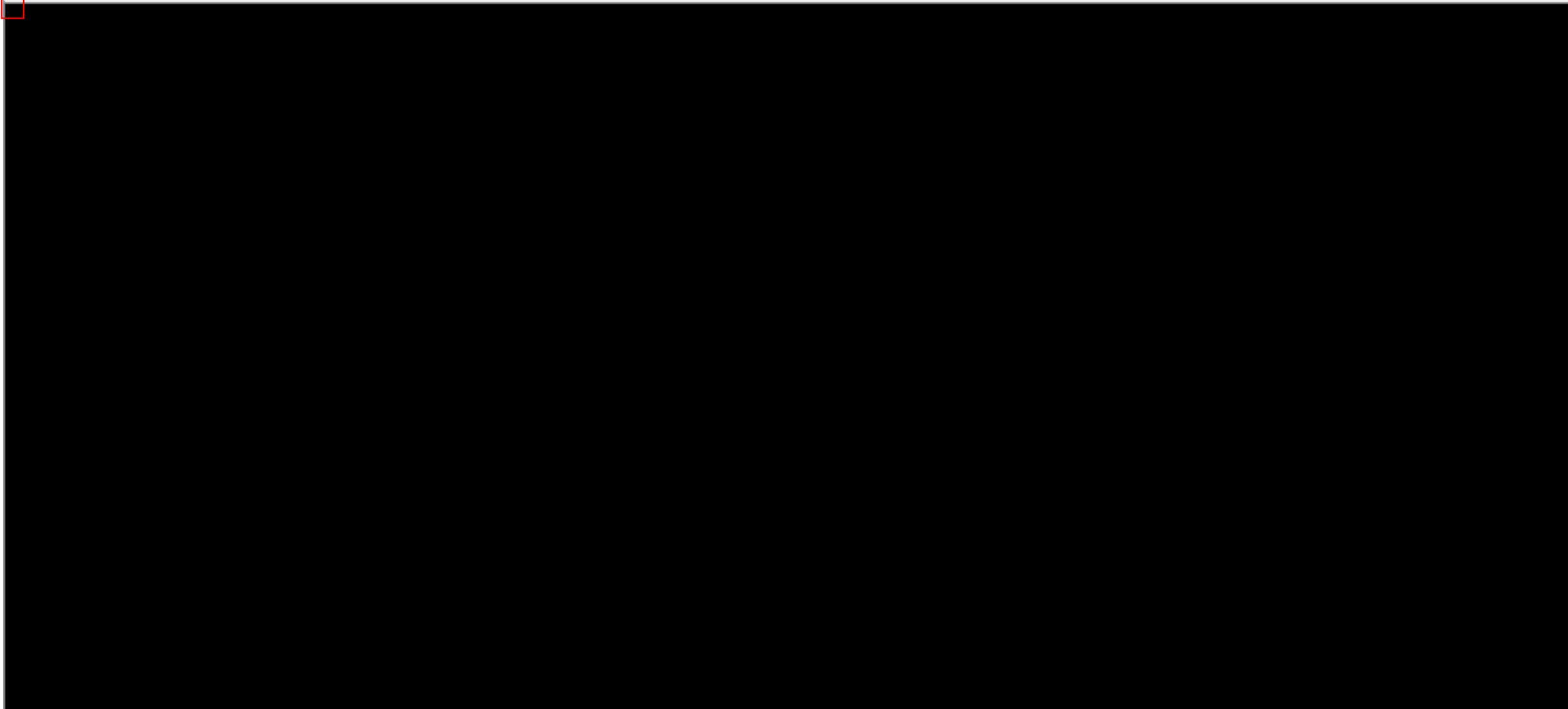
9829 spectra visible

2. To get information of certain peak

After downloading the software

Lunching the software





Upload your sample to the software

The image shows a screenshot of the PeakView software interface. The main window has a menu bar with 'File', 'Edit', 'Show', 'Graph', 'Process', 'Bio Tool Kit', 'Window', and 'Help'. Below the menu bar is a toolbar with various icons. A 'Select Sample' dialog box is open, showing a file list with three items: '181128-SM0013-1.wiff', '181128-SM0013-2.wiff', and '181128-SM0013-Blank-1.wiff'. The first item is highlighted with a red box, and a red arrow points from this box to an orange callout box containing the text 'Select your sample'. The dialog box also shows the source path 'C:\Users\Eman Abdelnaby\Desktop\wiff\' and 'OK' and 'Cancel' buttons at the bottom.

PeakView

File Edit Show Graph Process Bio Tool Kit Window Help

Source: C:\Users\Eman Abdelnaby\Desktop\wiff\ Browse...

wiff

- 181128-SM0013-1.wiff
- 181128-SM0013-2.wiff
- 181128-SM0013-Blank-1.wiff

OK Cancel

Select your sample

3:19 PM 1/23/2019



Open IDA Sample

How do you want to open this IDA sample?

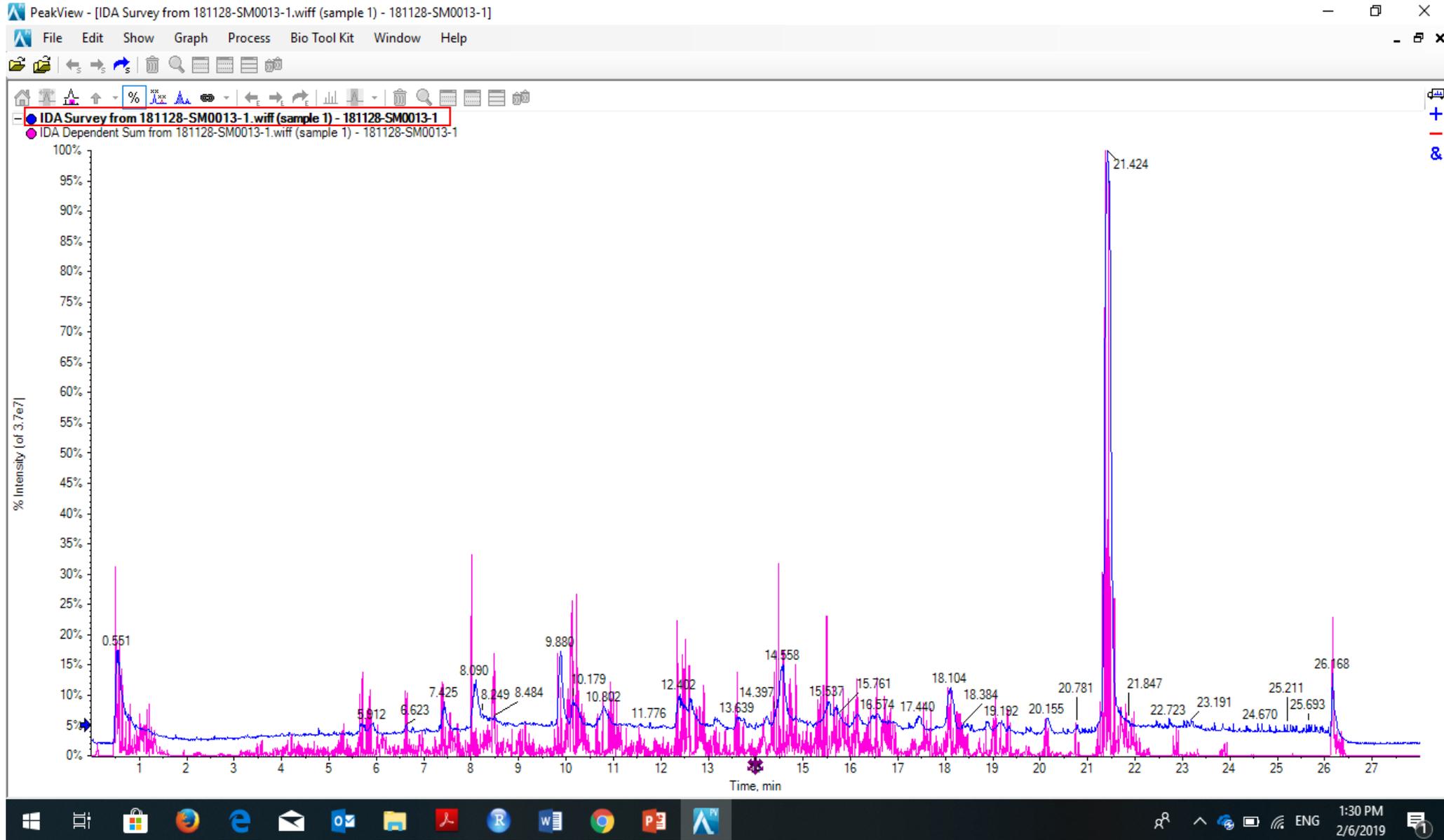
With the IDA Explorer

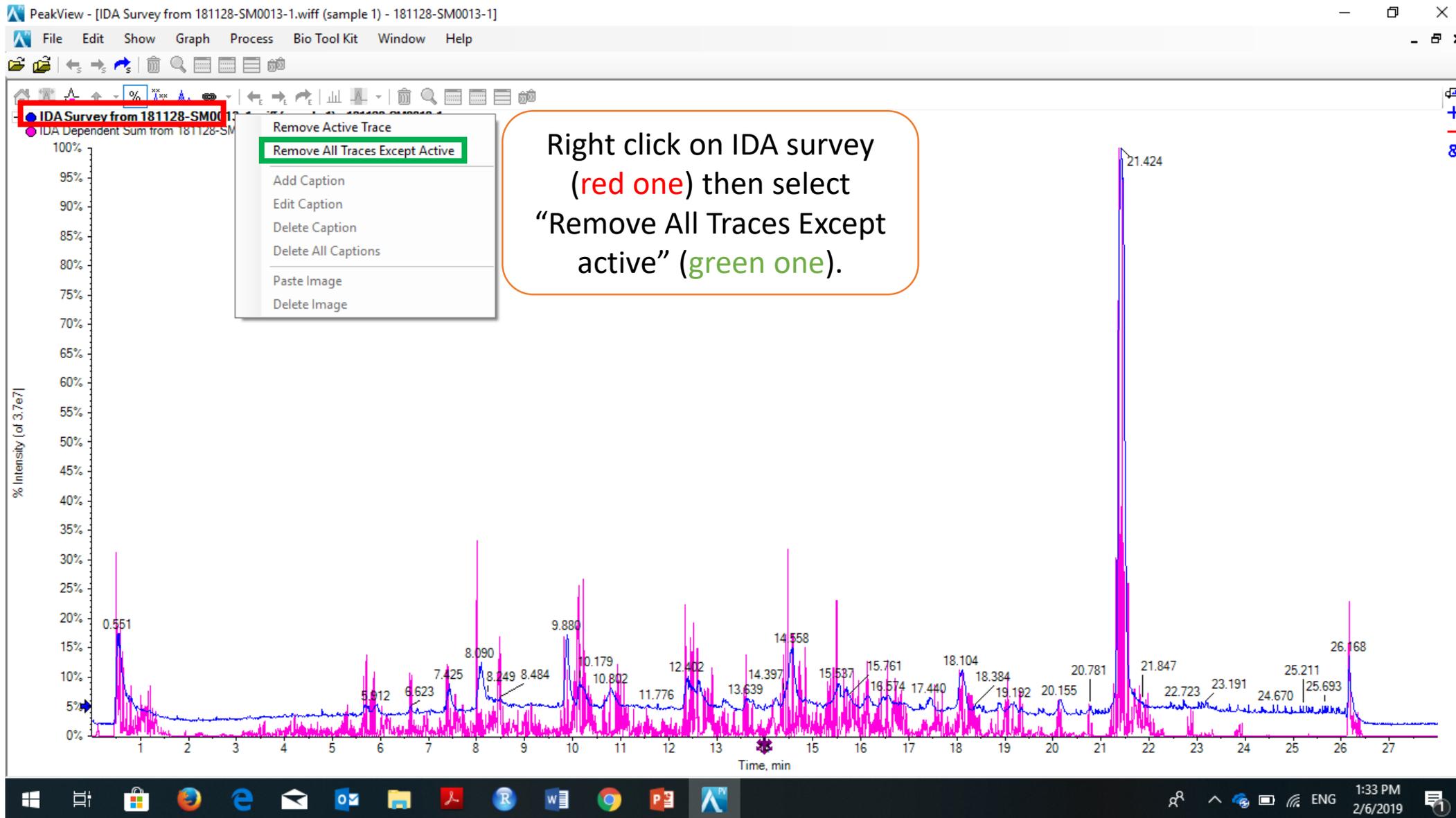
As a standard TIC

Only show this dialog again if the shift key is down

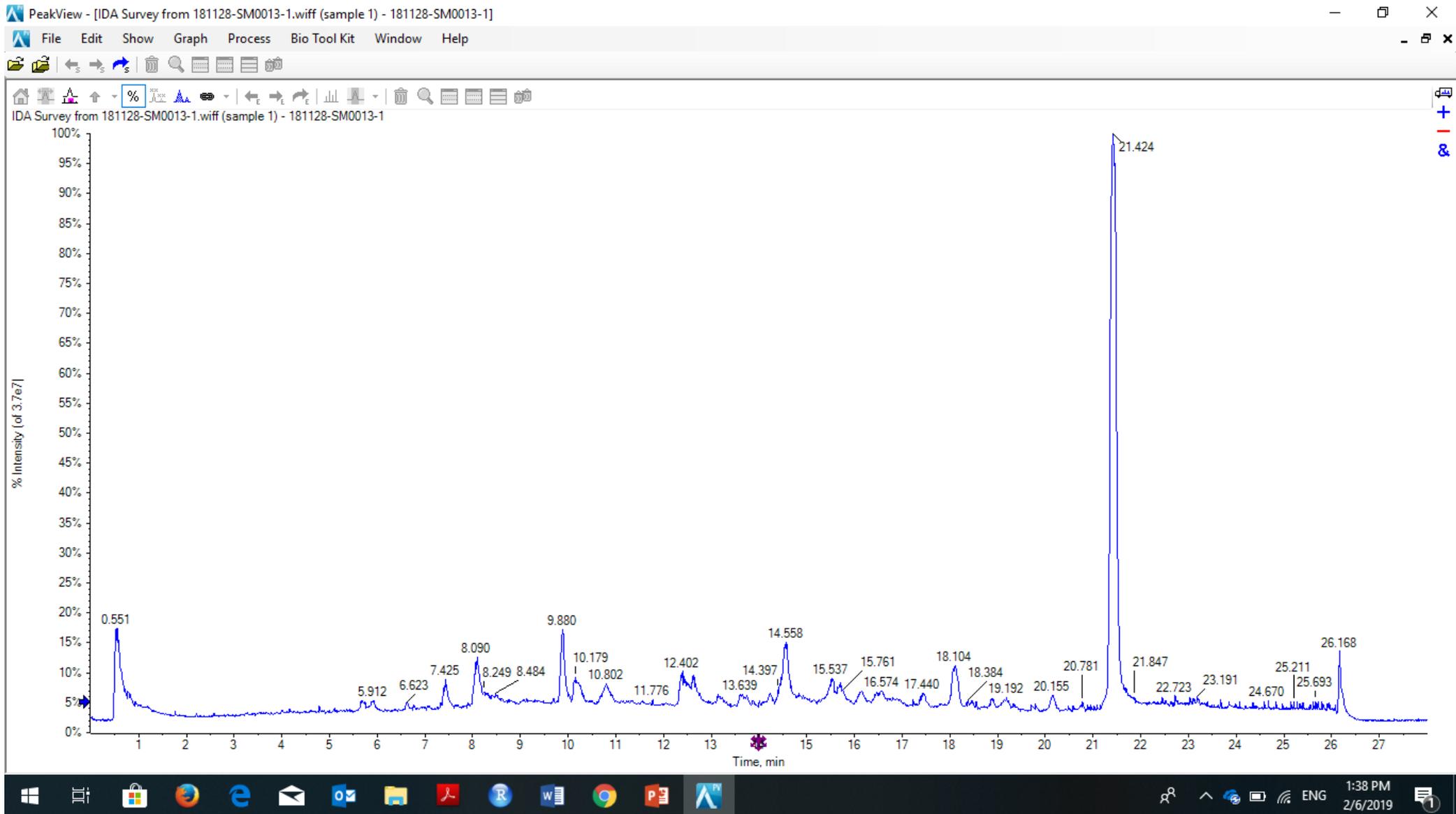
OK Cancel

This view will be lunched





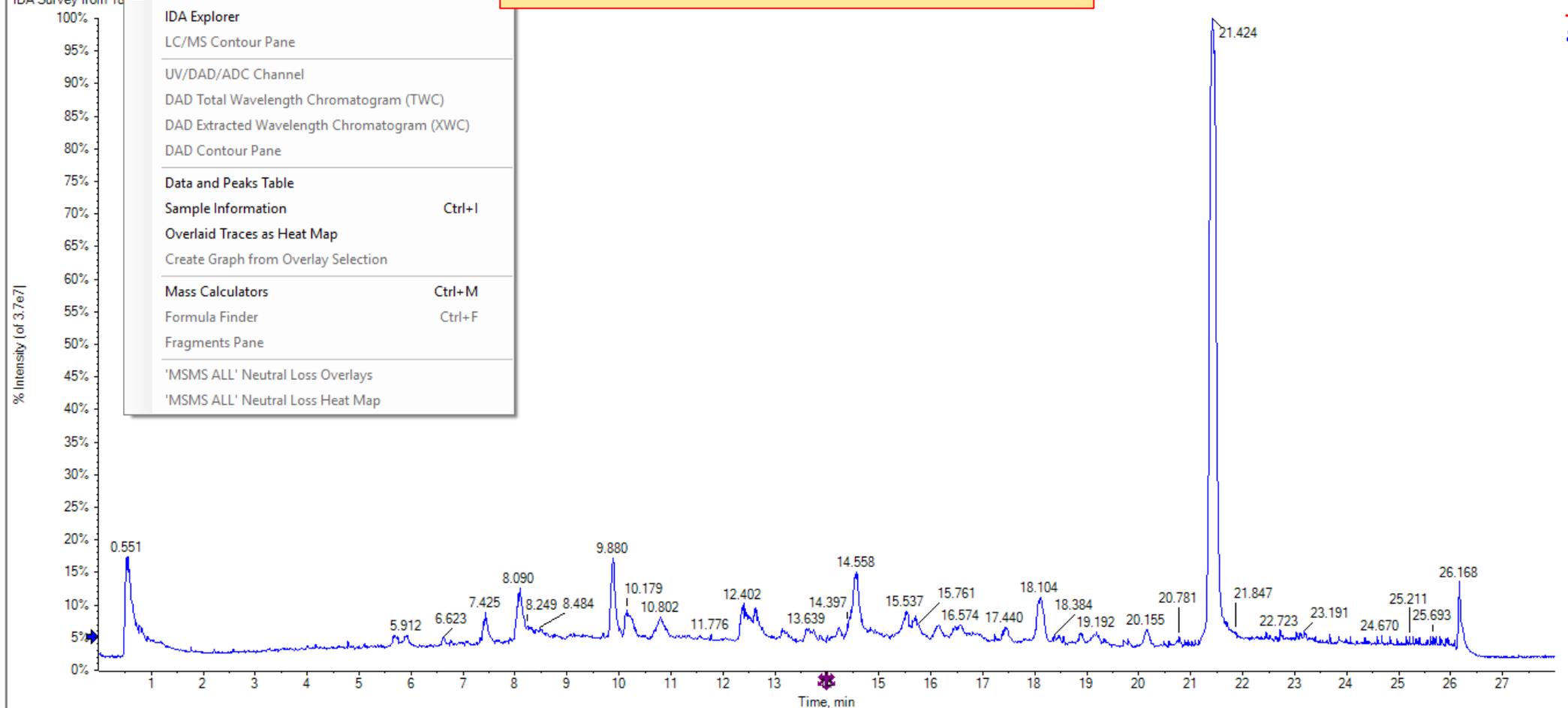
The screen will change to this view



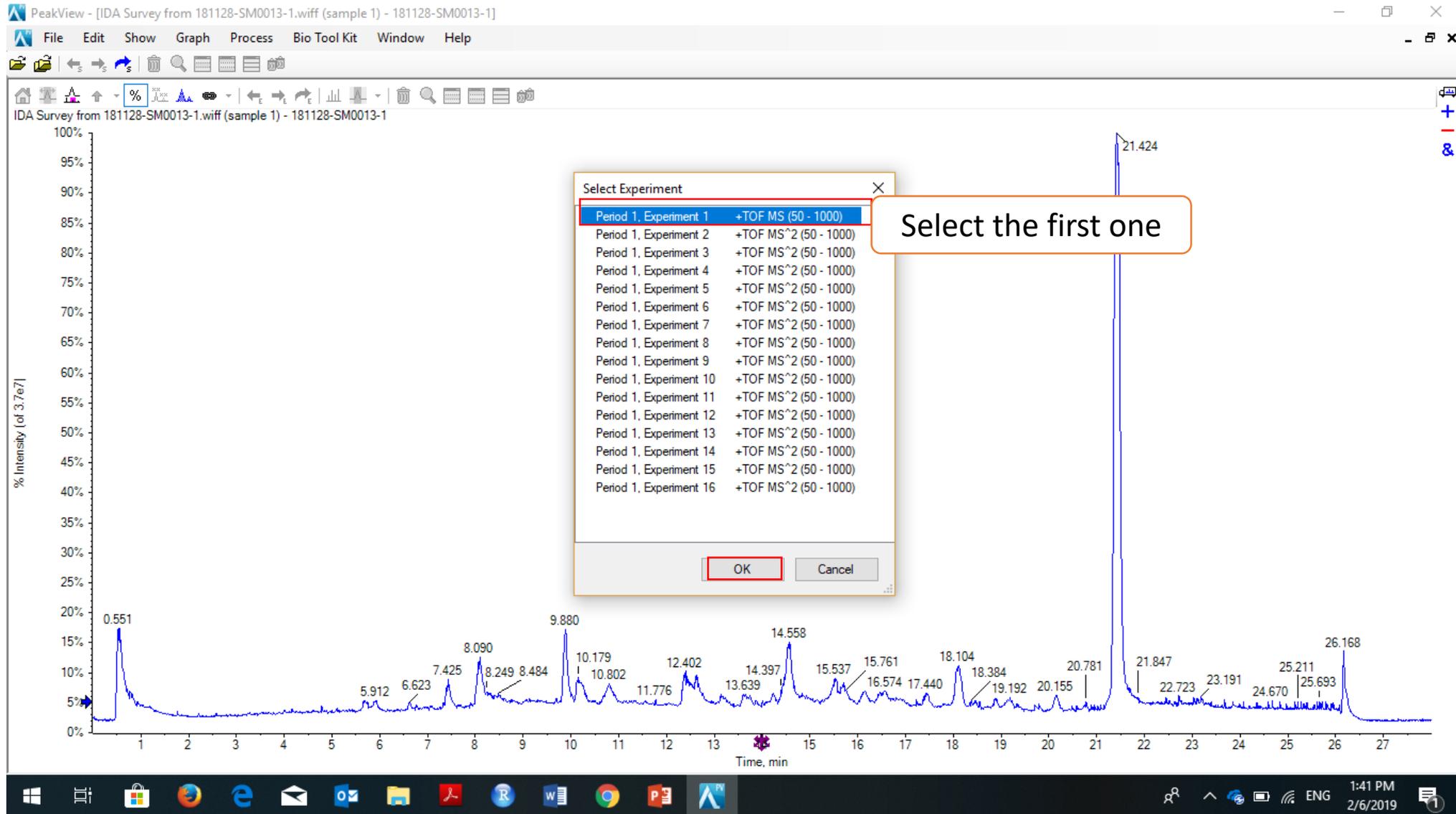
IDA Survey from 181128-SM0013-1

- Total Ion Chromatogram (TIC) Ctrl+T
- Extracted Ion Chromatogram (XIC) Ctrl+E**
- Base Peak Chromatogram (BPC) Ctrl+B
- IDA Explorer
 - LC/MS Contour Pane
 - UV/DAD/ADC Channel
 - DAD Total Wavelength Chromatogram (TWC)
 - DAD Extracted Wavelength Chromatogram (XWC)
 - DAD Contour Pane
- Data and Peaks Table
- Sample Information Ctrl+I
- Overlaid Traces as Heat Map
- Create Graph from Overlay Selection
- Mass Calculators Ctrl+M
- Formula Finder Ctrl+F
- Fragments Pane
- 'MSMS ALL' Neutral Loss Overlays
- 'MSMS ALL' Neutral Loss Heat Map

Click show then select Extracted Ion Chromatogram (XIC)

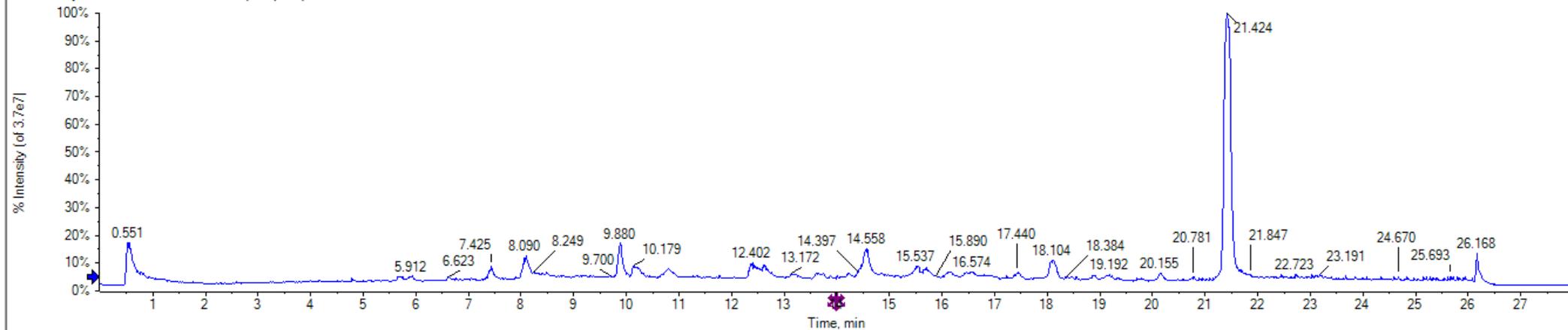


This screen will appear

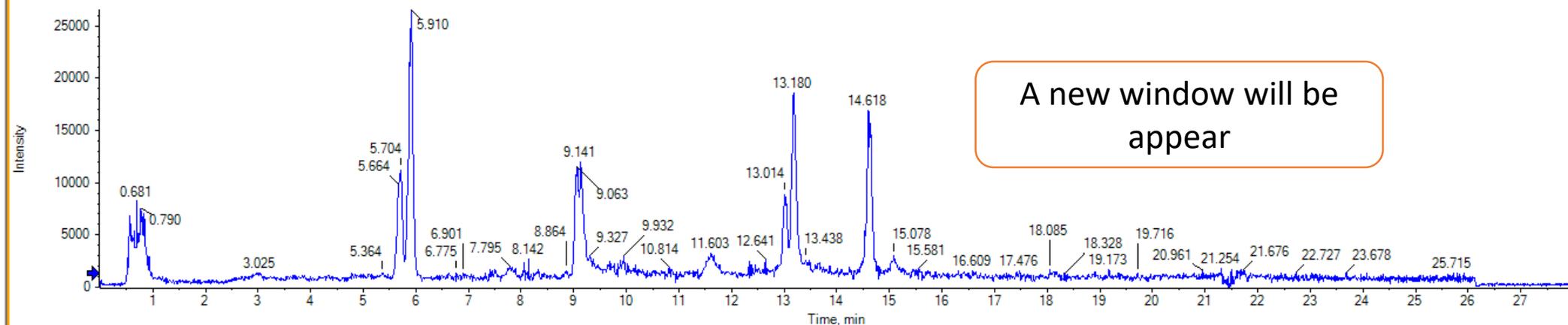




IDA Survey from 181128-SM0013-1.wiff (sample 1) - 181128-SM0013-1



XIC from 181128-SM0013-1.wiff (sample 1) - 181128-SM0013-1, Experiment 1, +TOF MS (50 - 1000): 291.19 +/- 0.05 Da

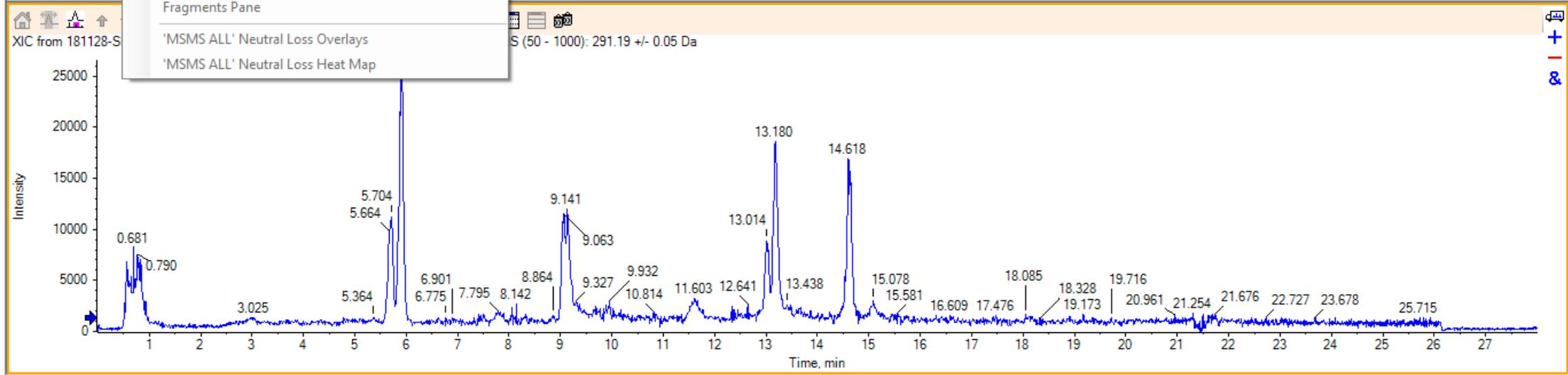
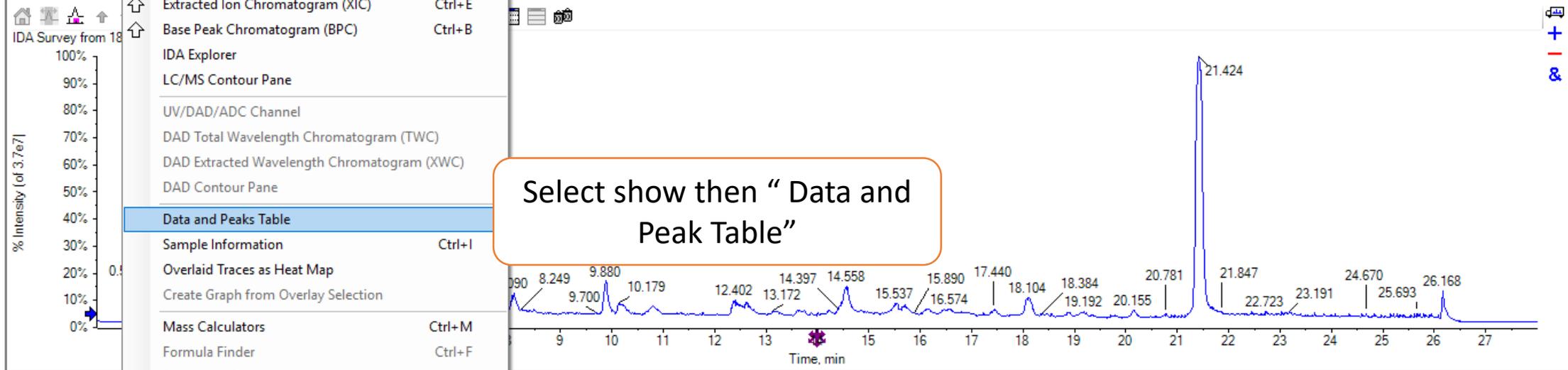


A new window will be appear

File Edit Show Graph Process Bio Tool Kit Window Help

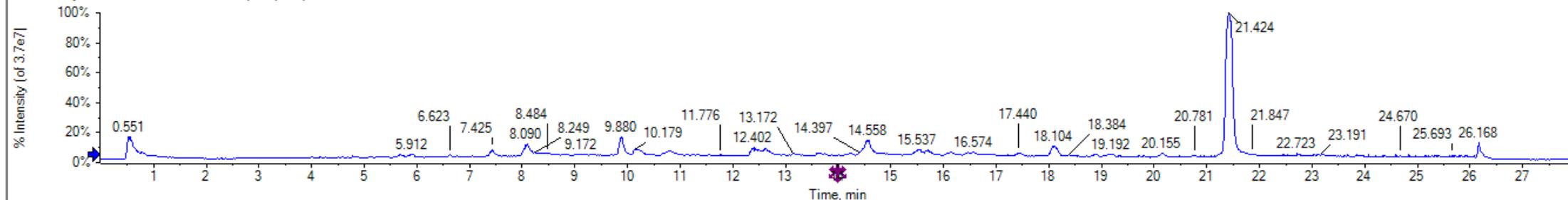
- Total Ion Chromatogram (TIC) Ctrl+T
- Extracted Ion Chromatogram (XIC) Ctrl+E
- Base Peak Chromatogram (BPC) Ctrl+B
- IDA Explorer
- LC/MS Contour Pane
- UV/DAD/ADC Channel
- DAD Total Wavelength Chromatogram (TWC)
- DAD Extracted Wavelength Chromatogram (XWC)
- DAD Contour Pane
- Data and Peaks Table**
- Sample Information Ctrl+I
- Overlaid Traces as Heat Map
- Create Graph from Overlay Selection
- Mass Calculators Ctrl+M
- Formula Finder Ctrl+F
- Fragments Pane
- 'MSMS ALL' Neutral Loss Overlays
- 'MSMS ALL' Neutral Loss Heat Map

Select show then "Data and Peak Table"

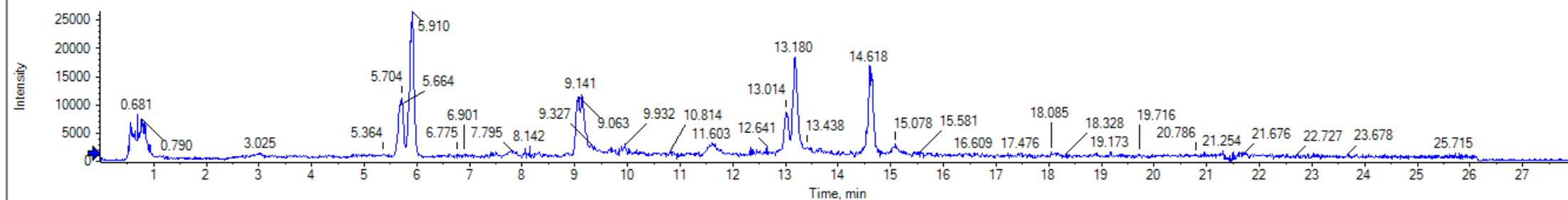




IDA Survey from 181128-SM0013-1.wiff (sample 1) - 181128-SM0013-1



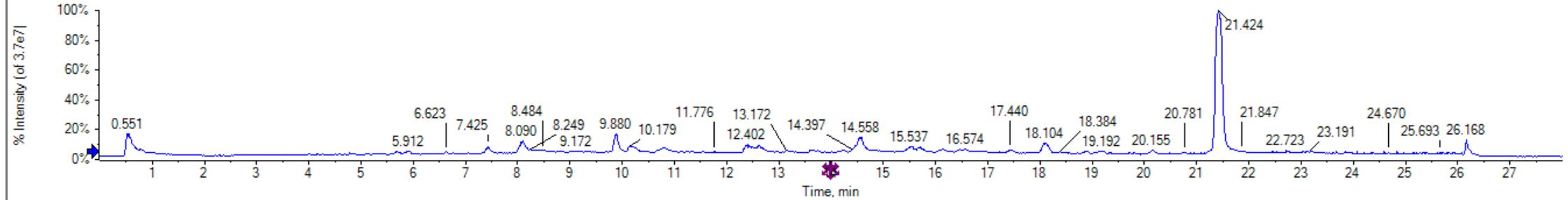
XIC from 181128-SM0013-1.wiff (sample 1) - 181128-SM0013-1, Experiment 1, +TOF MS (50 - 1000): 291.19 +/- 0.05 Da



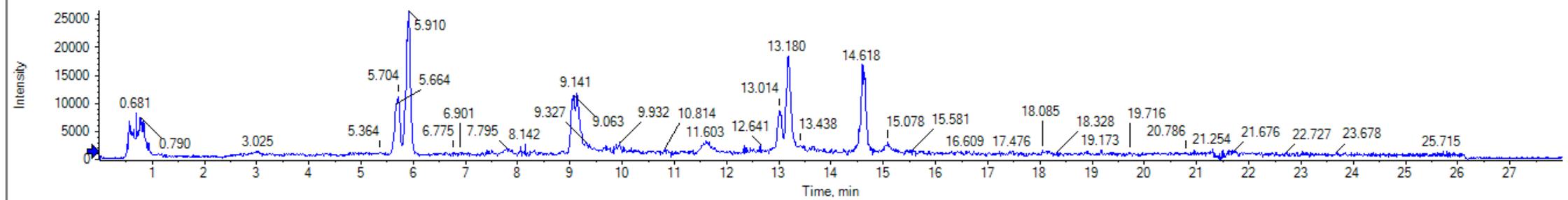
Data		
	Time (min)	Intensity
1	0.003	0.000e0
2	0.006	0.000e0
3	0.009	2.290e2
4	0.013	5.827e2
5	0.016	7.210e2
6	0.019	4.970e2
7	0.023	3.303e2



IDA Survey from 181128-SM0013-1.wiff (sample 1) - 181128-SM0013-1



XIC from 181128-SM0013-1.wiff (sample 1) - 181128-SM0013-1, Experiment 1, +TOF MS (50 - 1000): 291.19 +/- 0.05 Da

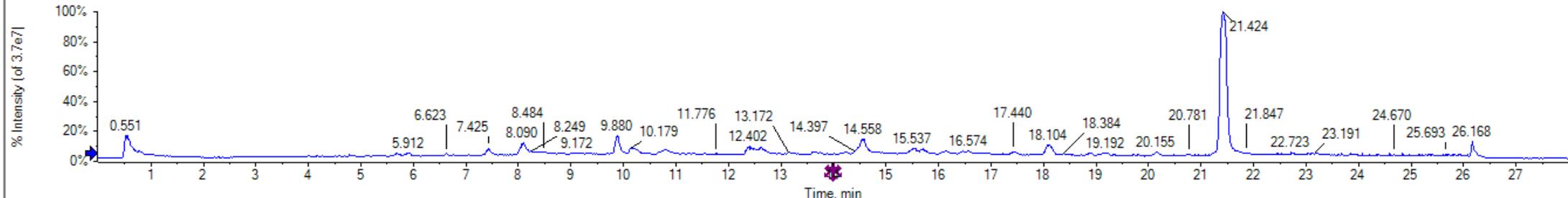


Data		
	Peaks	
1	0.003	0.000e0
2	0.006	0.000e0
3	0.009	2.290e2
4	0.013	5.827e2
5	0.016	7.210e2
6	0.019	4.970e2
7	0.023	3.303e2

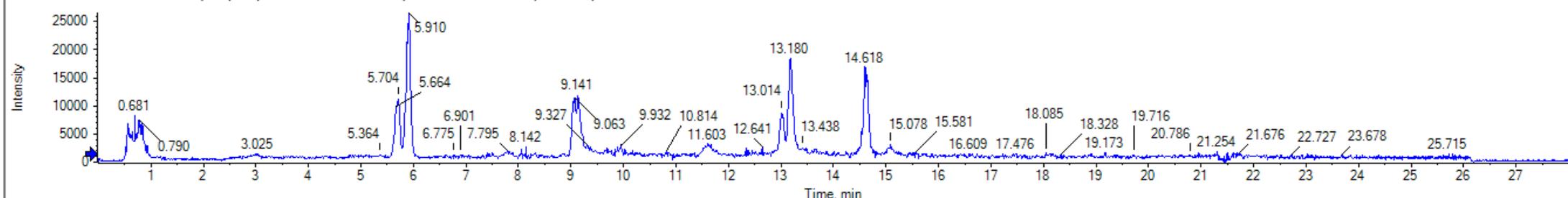
Press "Peaks"



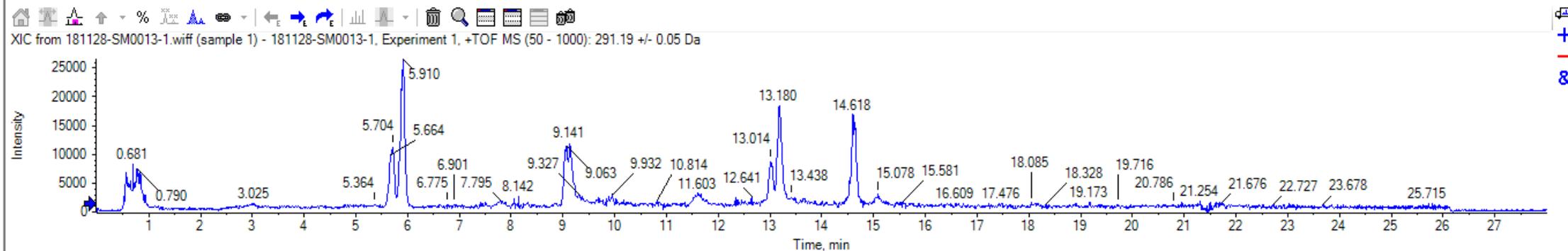
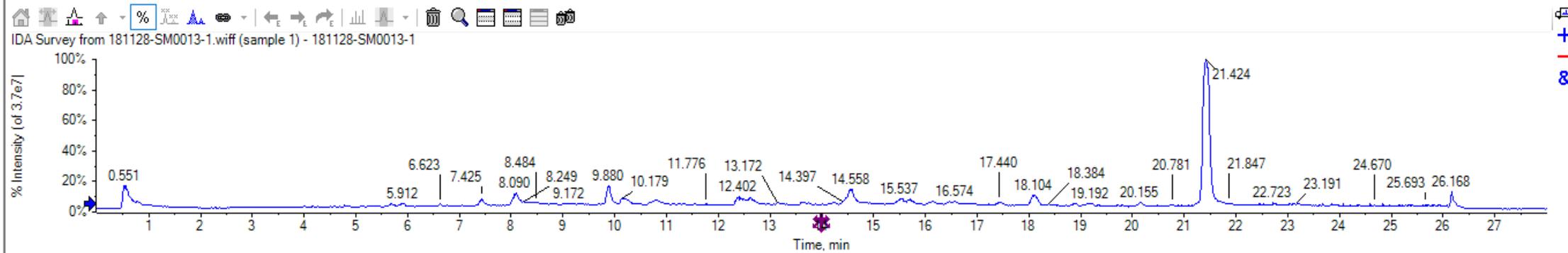
IDA Survey from 181128-SM0013-1.wiff (sample 1) - 181128-SM0013-1



XIC from 181128-SM0013-1.wiff (sample 1) - 181128-SM0013-1, Experiment 1, +TOF MS (50 - 1000): 291.19 +/- 0.05 Da



Data	Peaks								
	Index	Time (min)	Area	% Area	Height	Start (min)	End (min)	Width (min)	Width at 50% (min)
1	3	0.578	2.7839e4	2.360	6542.0904	0.460	0.622	0.162	0.079
2	4	0.681	2.3119e4	1.960	7903.1164	0.622	0.708	0.086	0.023
3	5	0.790	6.3770e4	5.406	7197.2776	0.708	1.028	0.320	0.151
4	25	2.961	1.3910e3	0.118	627.0038	2.934	2.979	0.045	0.045
5	26	2.993	9.3347e2	0.079	711.8148	2.979	3.007	0.028	0.028
6	27	3.025	1.1561e3	0.098	737.9243	3.007	3.040	0.033	0.033
7	61	5.364	1.1007e3	0.093	357.4525	5.300	5.406	0.107	0.048



	Index	Time (min)	Area	% Area	Height	Start (min)	End (min)	Width (min)	Width at 50% (min)
1	3	0.578	2.7839e4	2.360	6542.0904	0.460	0.622	0.162	0.079
2	4	0.681	2.3119e4	1.960	7903.1164	0.622	0.708	0.086	0.023
3	5	0.790	6.3770e4	5.406	7197.2776	0.708	1.028	0.320	0.151
4	25	2.961	1.3910e3	0.118	627.0038	2.934	2.979	0.045	0.045
5	26	2.993	9.3347e2	0.079	711.8148	2.979	3.007	0.028	0.028
6	27	3.025	1.1561e3	0.098	737.9243	3.007	3.040	0.033	0.033
7	61	5.364	1.1007e3	0.093	357.4525	5.300	5.406	0.107	0.048

This window has the desired m/z at different RT so please choose the "Time" Rt and check the information

Thank you