Quantitation Report (Qedit)

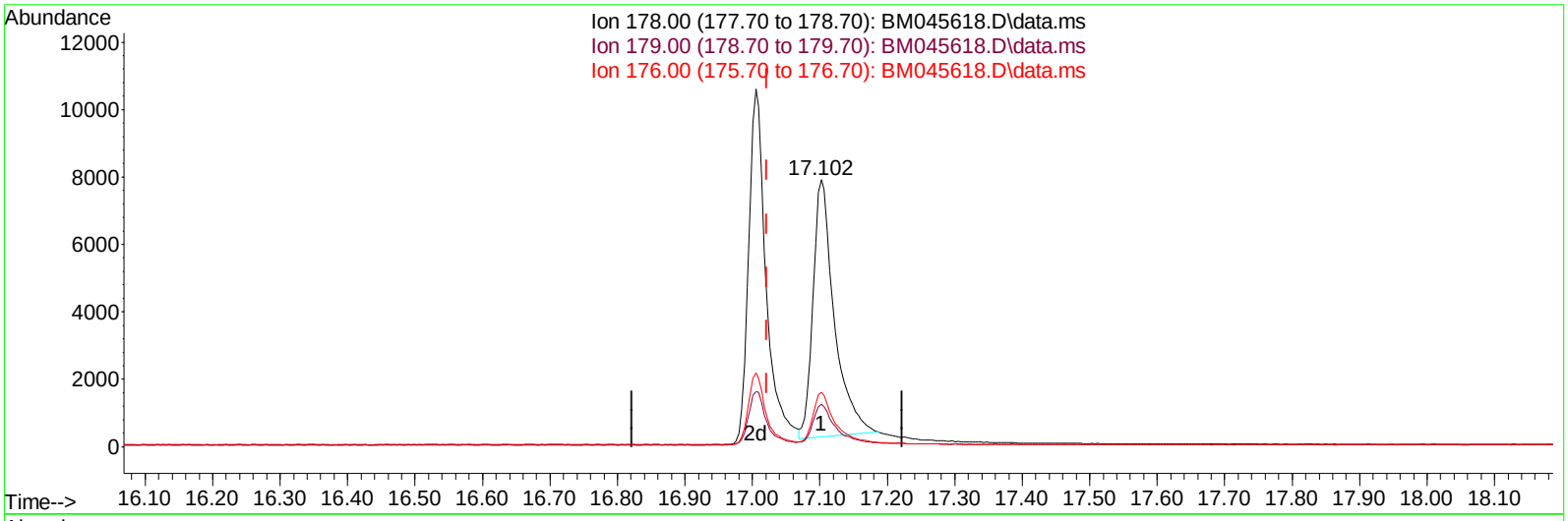
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042924\
Data File : BM045618.D
Acq On : 29 Apr 2024 12:41
Operator : MA/JU
Sample : P2154-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

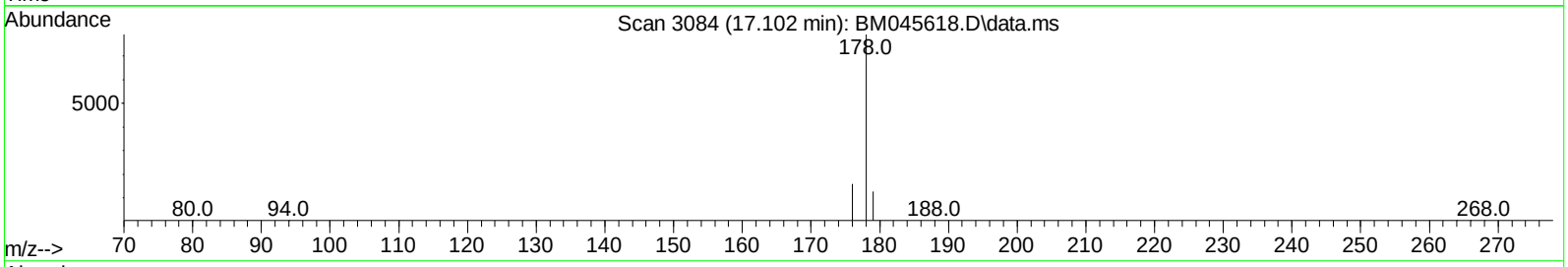
Quant Time: Apr 29 13:11:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 26 23:51:18 2024
Response via : Initial Calibration

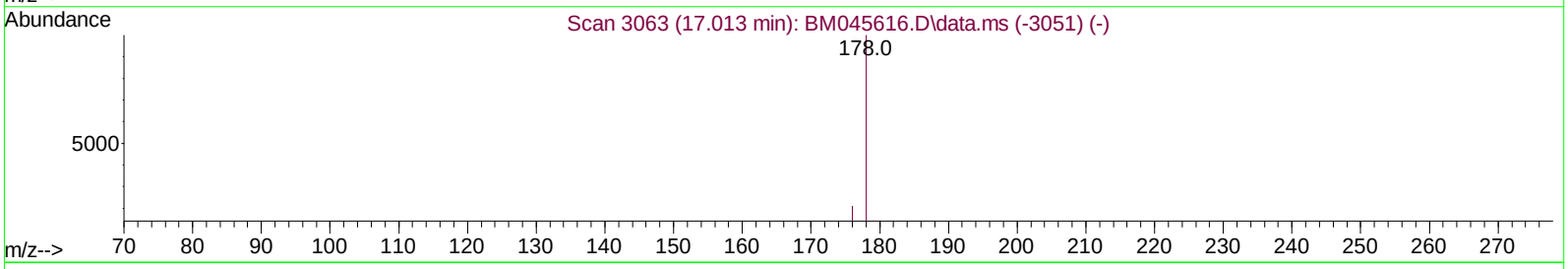
Instrument :
BNA_M
ClientSampleId :
XA397

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/02/2024
Supervised By :mohammad ahmed 05/02/2024







TIC: BM045618.D\data.ms

(15) Phenanthrene

17.102min (+ 0.080) 2.86 ng/ul

response 16758

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	19.30	16.02
176.00	23.70	20.33
0.00	0.00	0.00

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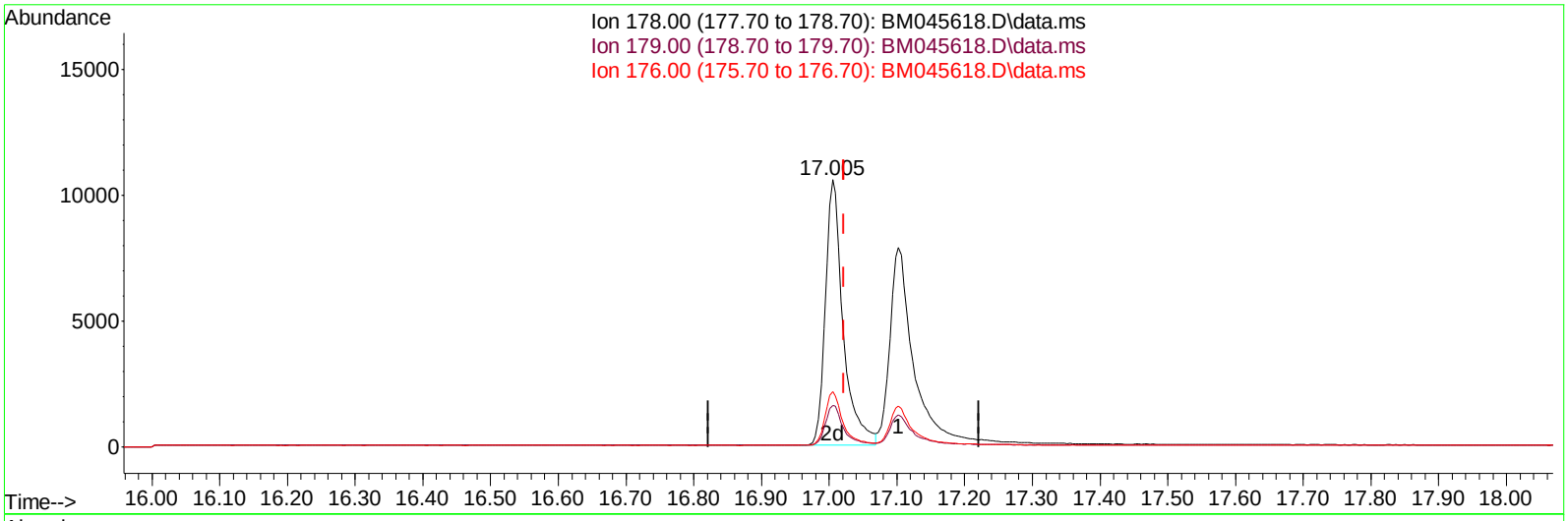

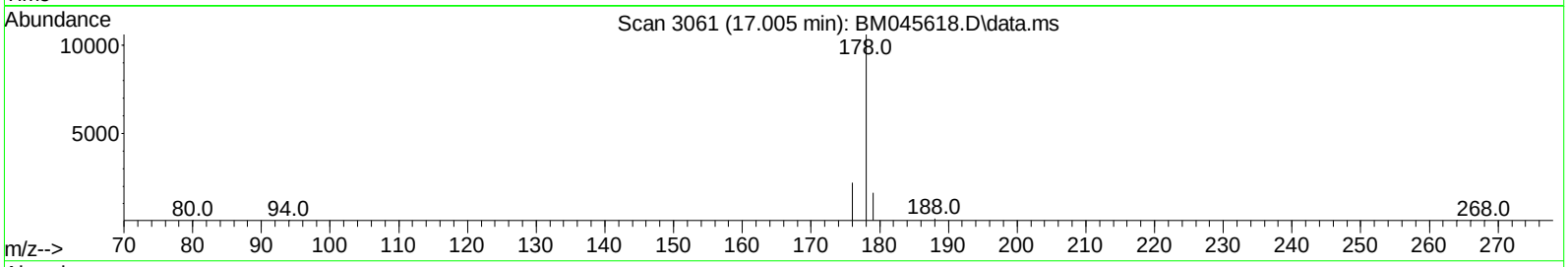

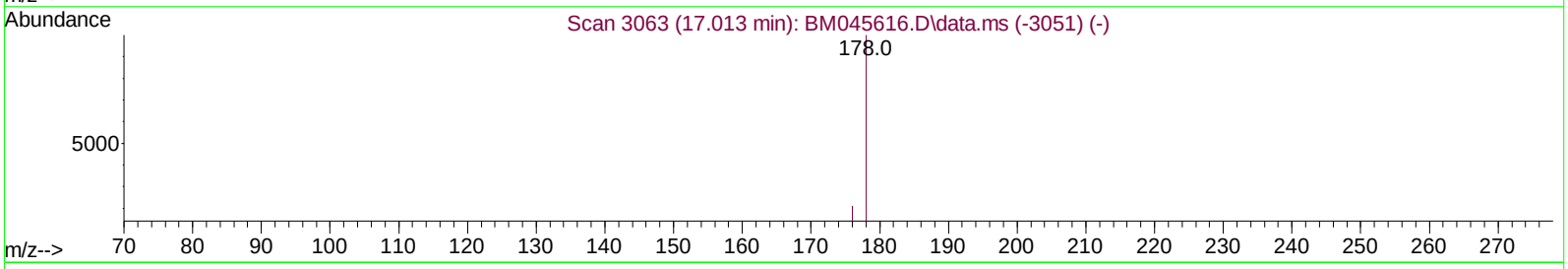

TIC: BM045618.D\data.ms

(15) Phenanthrene

17.005min (-0.017) 3.31 ng/ul m

response 19349

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	19.30	15.39#
176.00	23.70	20.71
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.555	152	736	0.400	ng/ul	0.00
4) Naphthalene-d8	10.320	136	2036	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.191	164	1076	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.963	188	2009	0.400	ng/ul	-0.02
17) Chrysene-d12	21.179	240	1743	0.400	ng/ul	-0.01
23) Perylene-d12	23.370	264	2502	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.167	96	752	0.762	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.947	152	907	0.338	ng/ul	0.02
18) Fluoranthene-d10	19.006	212	1750	0.319	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.369	128	10400	1.902	ng/ul#	91
10) Acenaphthylene	13.909	152	28832	5.433	ng/ul#	93
11) Acenaphthene	14.256	153	39439	10.008	ng/ul	96
12) Fluorene	15.260	166	28948	6.868	ng/ul#	96
15) Phenanthrene	17.005	178	19349m	3.307	ng/ul	
16) Anthracene	17.102	178	19312	3.528	ng/ul#	90
19) Fluoranthene	19.034	202	11751	1.461	ng/ul#	91
20) Pyrene	19.401	202	25169	3.044	ng/ul#	90
21) Benzo(a)anthracene	21.167	228	22010	3.951	ng/ul	92
22) Chrysene	21.217	228	5903	0.689	ng/ul	96
24) Benzo(b)fluoranthene	22.716	252	15049	1.788	ng/ul	85
25) Benzo(k)fluoranthene	22.756	252	16546	1.556	ng/ul#	84
26) Benzo(a)pyrene	23.277	252	13894	1.592	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	25.555	276	13436	1.059	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.568	278	20902	2.077	ng/ul#	81
29) Benzo(g,h,i)perylene	26.212	276	17508	1.536	ng/ul#	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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