Quantitation Report (Qedit)

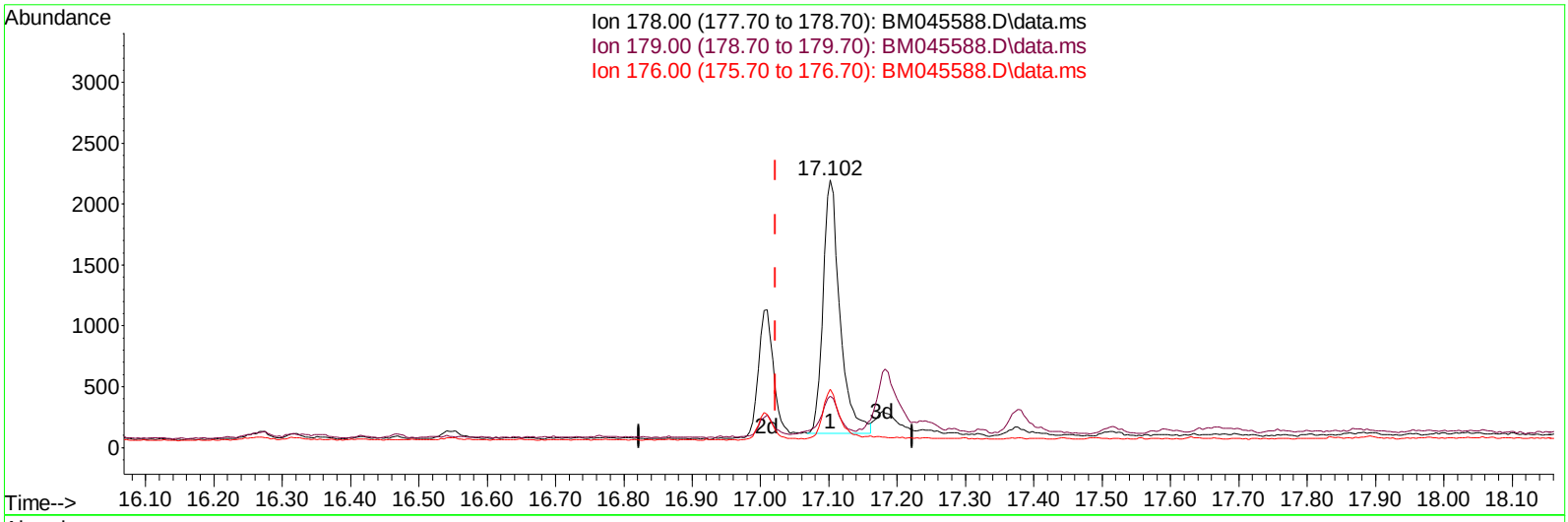
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045588.D
Acq On : 26 Apr 2024 13:16
Operator : MA/JU
Sample : P2104-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

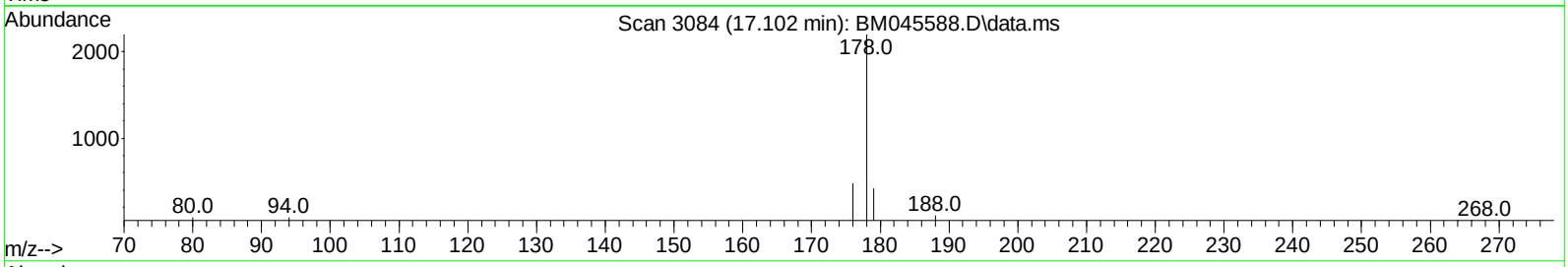
Quant Time: Apr 26 13:44:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
Response via : Initial Calibration

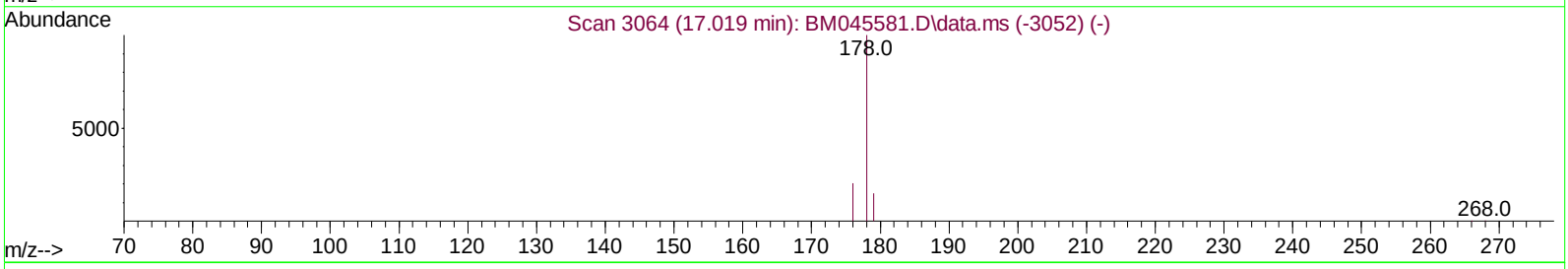
Instrument :
BNA_M
ClientSampleId :
C0AA7

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024







TIC: BM045588.D\data.ms

(15) Phenanthrene

17.102min (+ 0.080) 0.46 ng/ul

response 3580

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	19.30	19.25
176.00	23.70	21.85
0.00	0.00	0.00

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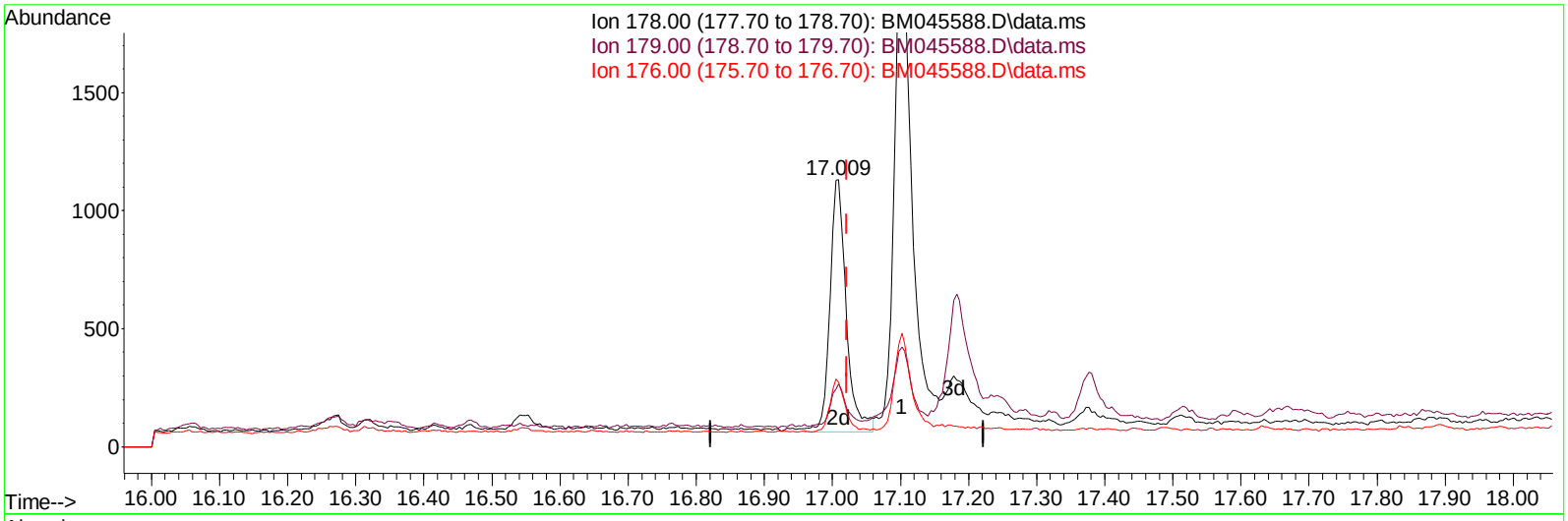

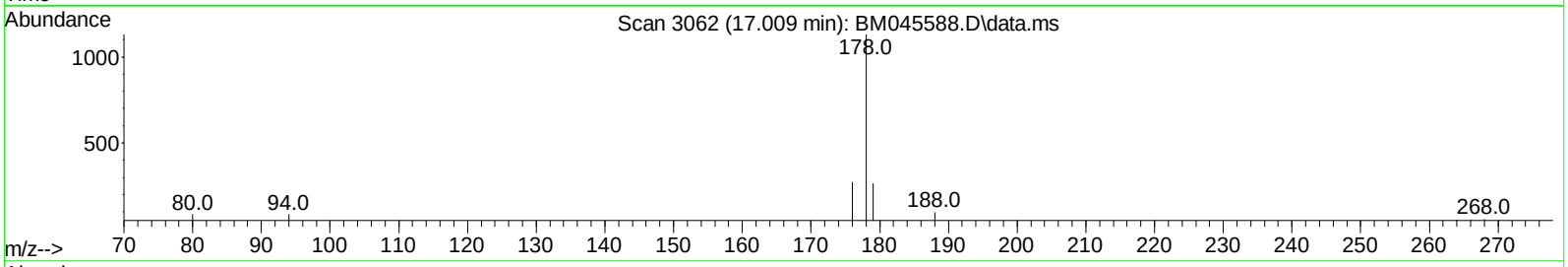

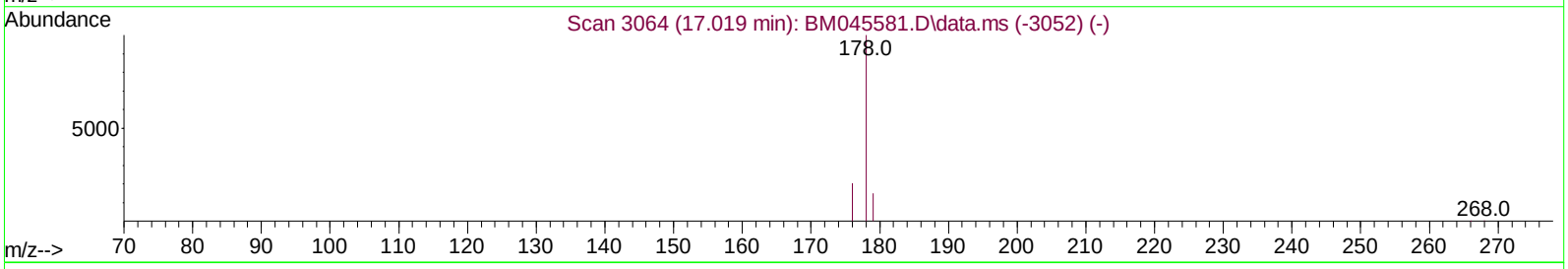

TIC: BM045588.D\data.ms

(15) Phenanthrene

17.009min (-0.013) 0.23 ng/ul m

response 1784

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	19.30	23.45#
176.00	23.70	24.16
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.547	152	1192	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.314	136	3328	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.196	164	1543	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.967	188	2697	0.400	ng/ul	-0.01
17) Chrysene-d12	21.181	240	2380	0.400	ng/ul	#-0.01
23) Perylene-d12	23.370	264	3439	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.159	96	4406	2.758	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.925	152	1646	0.375	ng/ul	0.00
18) Fluoranthene-d10	19.006	212	2525	0.337	ng/ul	-0.01
Target Compounds						Qvalue
10) Acenaphthylene	13.918	152	3181	0.418	ng/ul	99
11) Acenaphthene	14.260	153	230	0.041	ng/ul#	85
12) Fluorene	15.264	166	1217	0.201	ng/ul#	97
15) Phenanthrene	17.009	178	1784m	0.227	ng/ul	
16) Anthracene	17.102	178	3773	0.513	ng/ul	95
19) Fluoranthene	19.034	202	3304	0.301	ng/ul	96
20) Pyrene	19.405	202	833	0.074	ng/ul#	82
21) Benzo(a)anthracene	21.167	228	2038	0.268	ng/ul#	56
22) Chrysene	21.219	228	1143	0.098	ng/ul#	56
24) Benzo(b)fluoranthene	22.718	252	2096	0.181	ng/ul#	1
25) Benzo(k)fluoranthene	22.759	252	1166	0.080	ng/ul#	1
26) Benzo(a)pyrene	23.274	252	594	0.050	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.551	276	815	0.047	ng/ul#	89
29) Benzo(g,h,i)perylene	26.205	276	596	0.038	ng/ul#	1

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

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