Quantitation Report (Qedit)

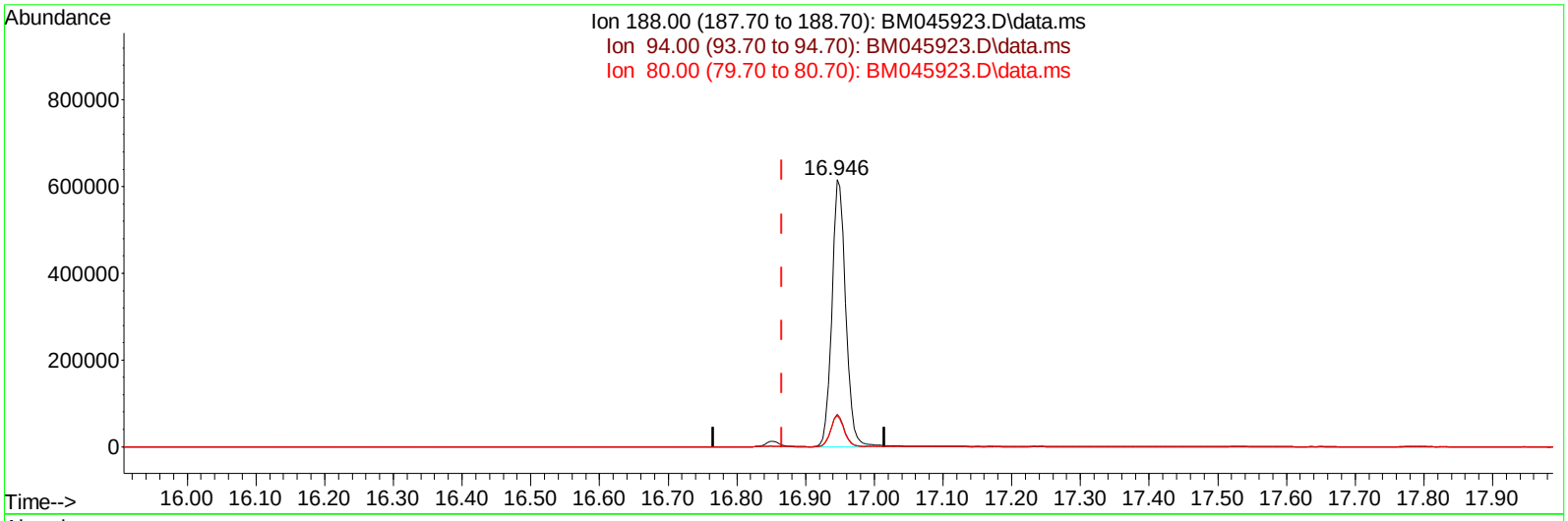
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045923.D
Acq On : 08 Jun 2024 19:17
Operator : MA/JU
Sample : P2640-09
Misc :
ALS Vial : 51 Sample Multiplier: 1

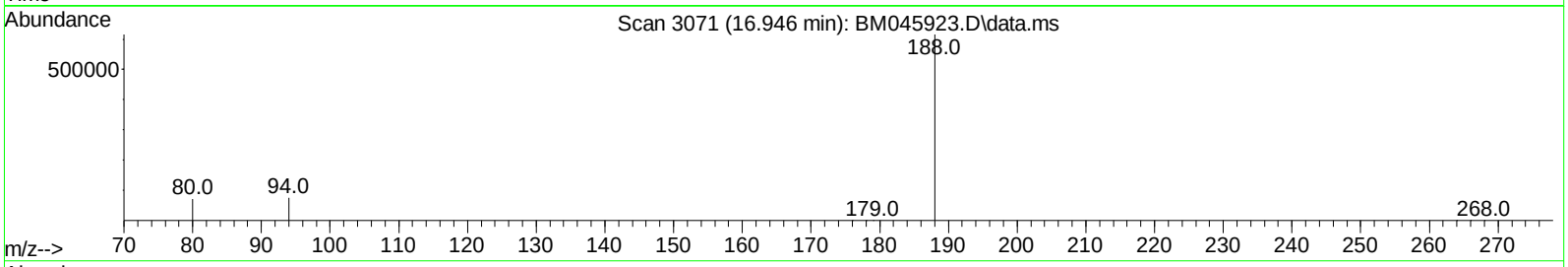
Quant Time: Jun 10 01:29:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

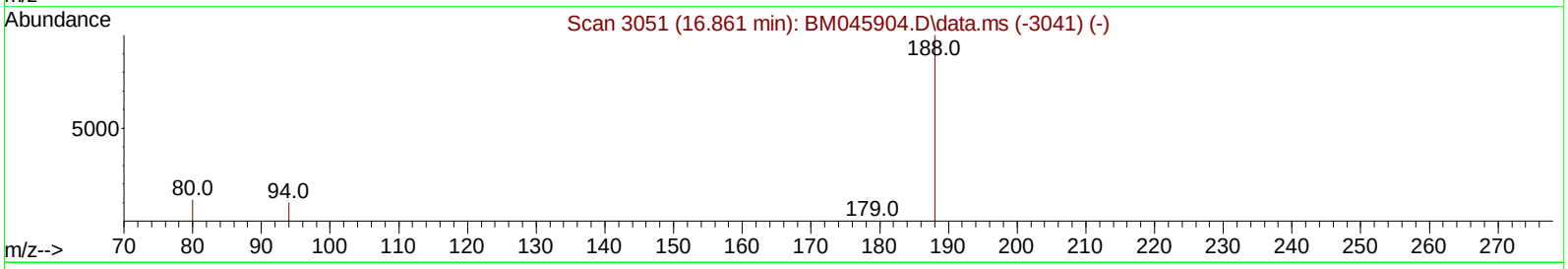
Instrument :
BNA_M
ClientSampleId :
A4C23

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024







TIC: BM045923.D\data.ms

(13) Phenanthrene-d10 (I)

16.946min (+ 0.080) 0.40 ng/ul

response 859845

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.50	12.16
80.00	11.70	11.65
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045923.D
Acq On : 08 Jun 2024 19:17
Operator : MA/JU
Sample : P2640-09
Misc :
ALS Vial : 51 Sample Multiplier: 1

Quant Time: Jun 10 01:29:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
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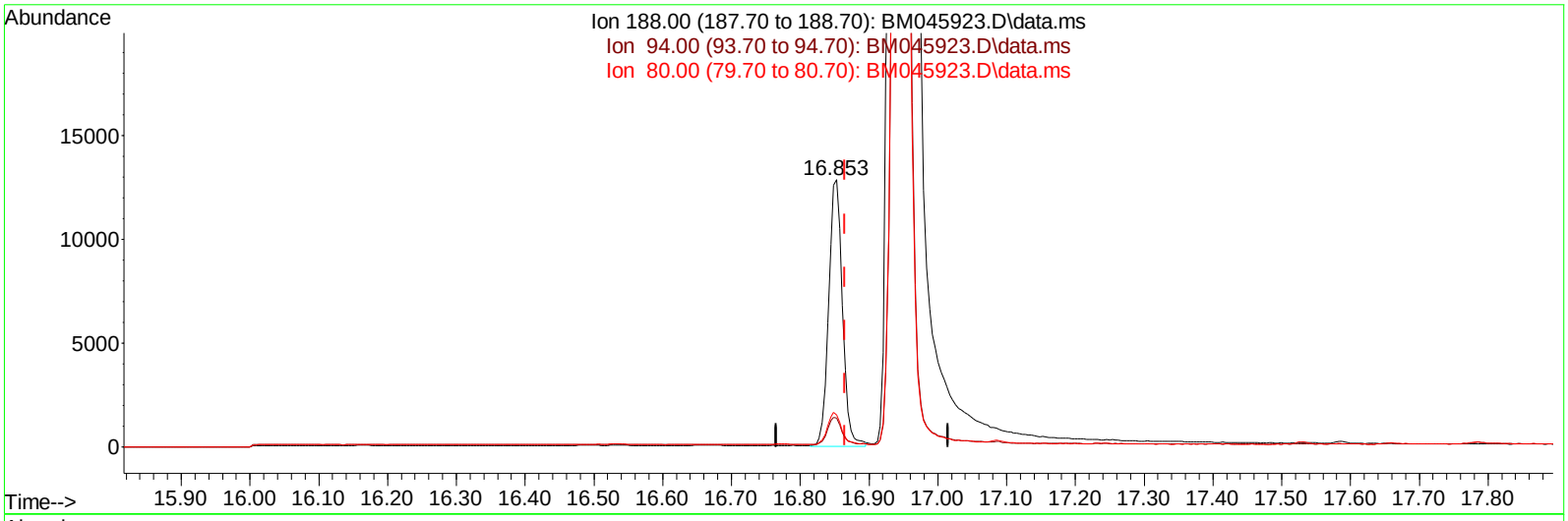
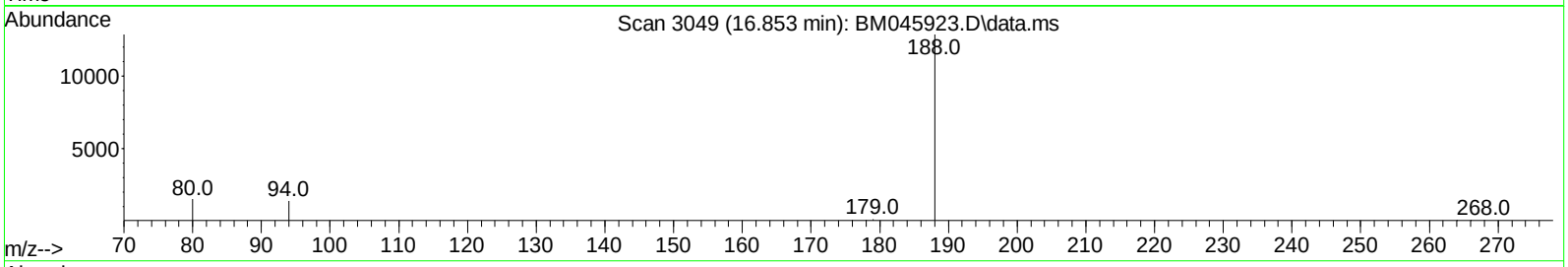
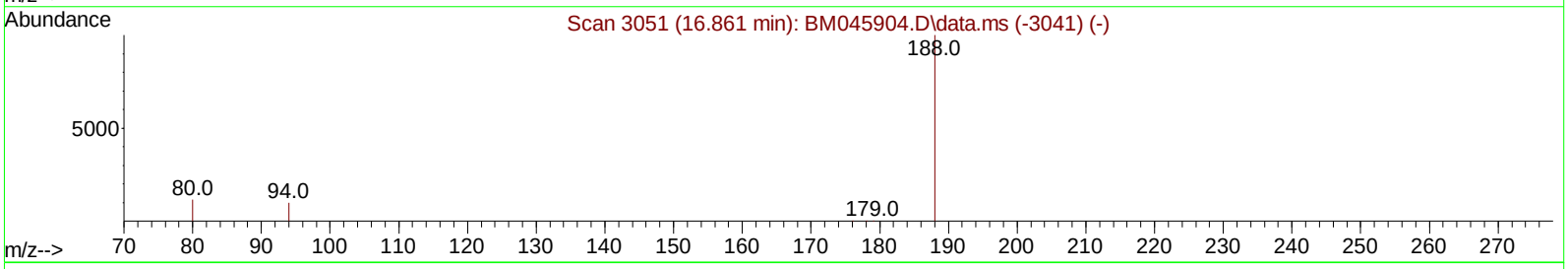
Instrument :
BNA_M
ClientSampleId :
A4C23

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024







TIC: BM045923.D\data.ms

(13) Phenanthrene-d10 (I)

16.853min (-0.013) 0.40 ng/ul m

response 17829

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.50	10.75
80.00	11.70	11.86
0.00	0.00	0.00

Quantitation Report (Qedit)

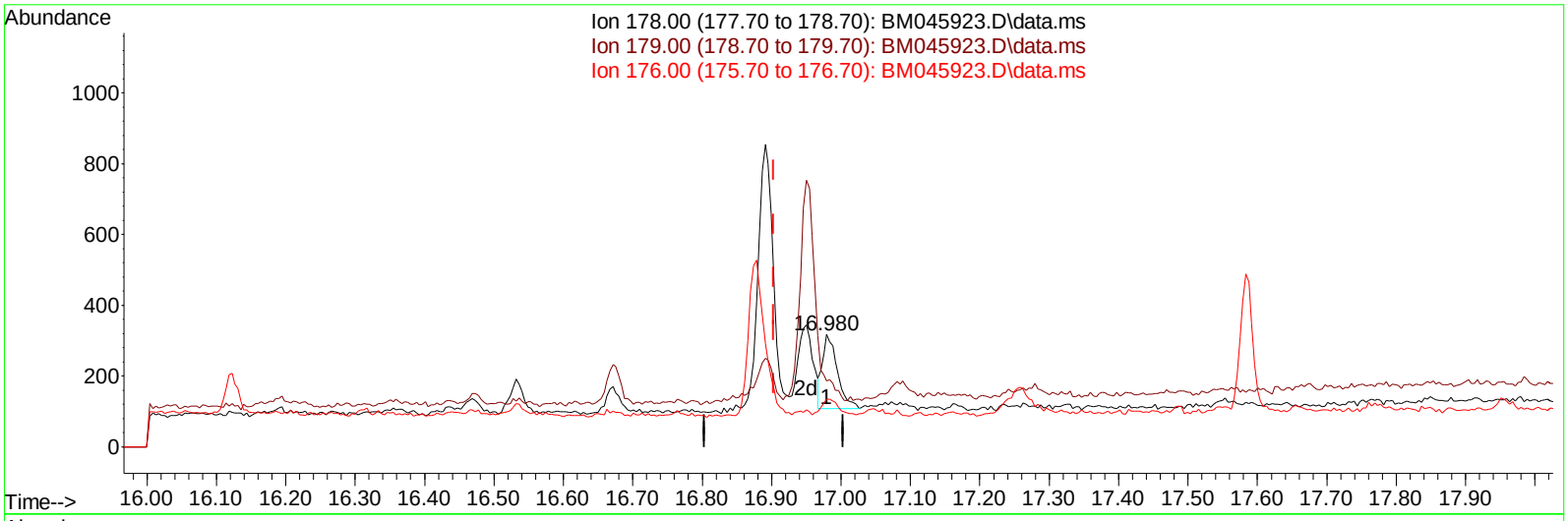
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045923.D
Acq On : 08 Jun 2024 19:17
Operator : MA/JU
Sample : P2640-09
Misc :
ALS Vial : 51 Sample Multiplier: 1

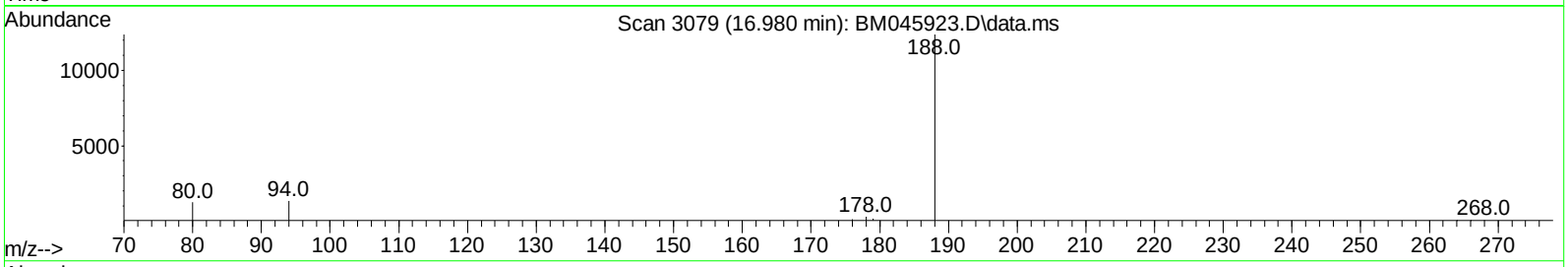
Quant Time: Jun 10 01:29:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

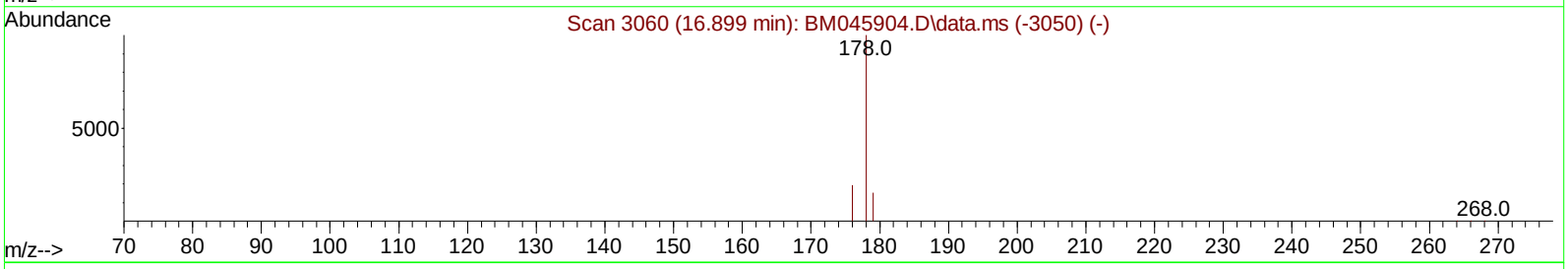
Instrument :
BNA_M
ClientSampleId :
A4C23

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024







TIC: BM045923.D\data.ms

(15) Phenanthrene

16.980min (+ 0.076) 0.01 ng/ul

response 313

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.90	58.68#
176.00	19.50	42.27#
0.00	0.00	0.00

Quantitation Report (Qedit)

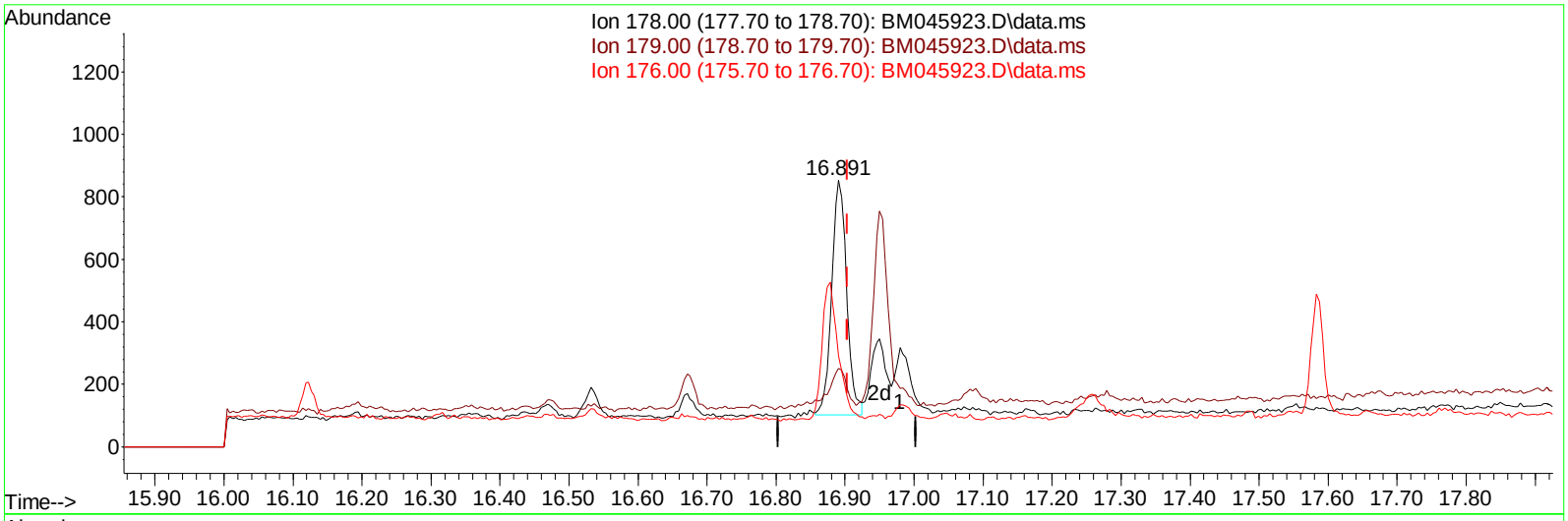
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045923.D
Acq On : 08 Jun 2024 19:17
Operator : MA/JU
Sample : P2640-09
Misc :
ALS Vial : 51 Sample Multiplier: 1

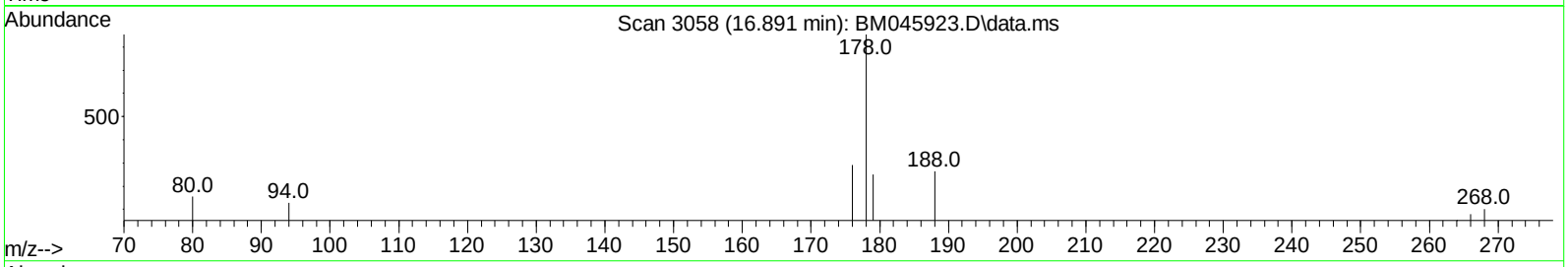
Quant Time: Jun 10 01:29:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

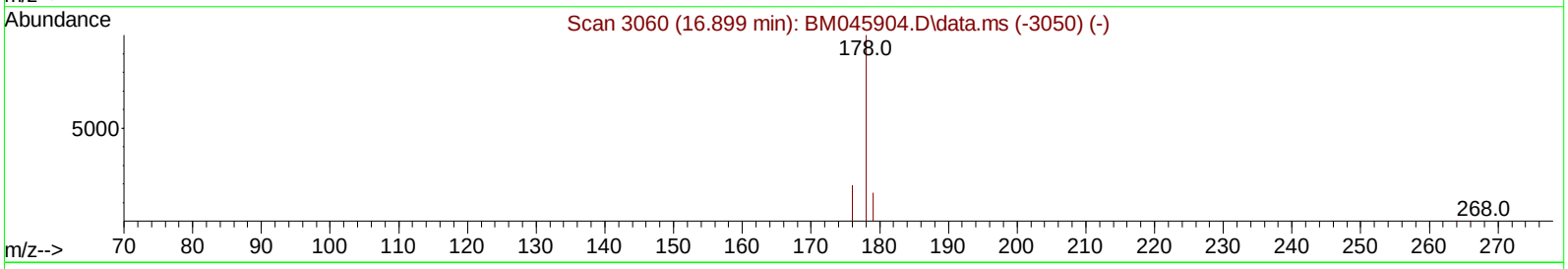
Instrument :
BNA_M
ClientSampleId :
A4C23

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024







TIC: BM045923.D\data.ms

(15) Phenanthrene

16.891min (-0.013) 0.02 ng/ul m

response 1135

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.90	29.39#
176.00	19.50	34.07#
0.00	0.00	0.00

Quantitation Report (Qedit)

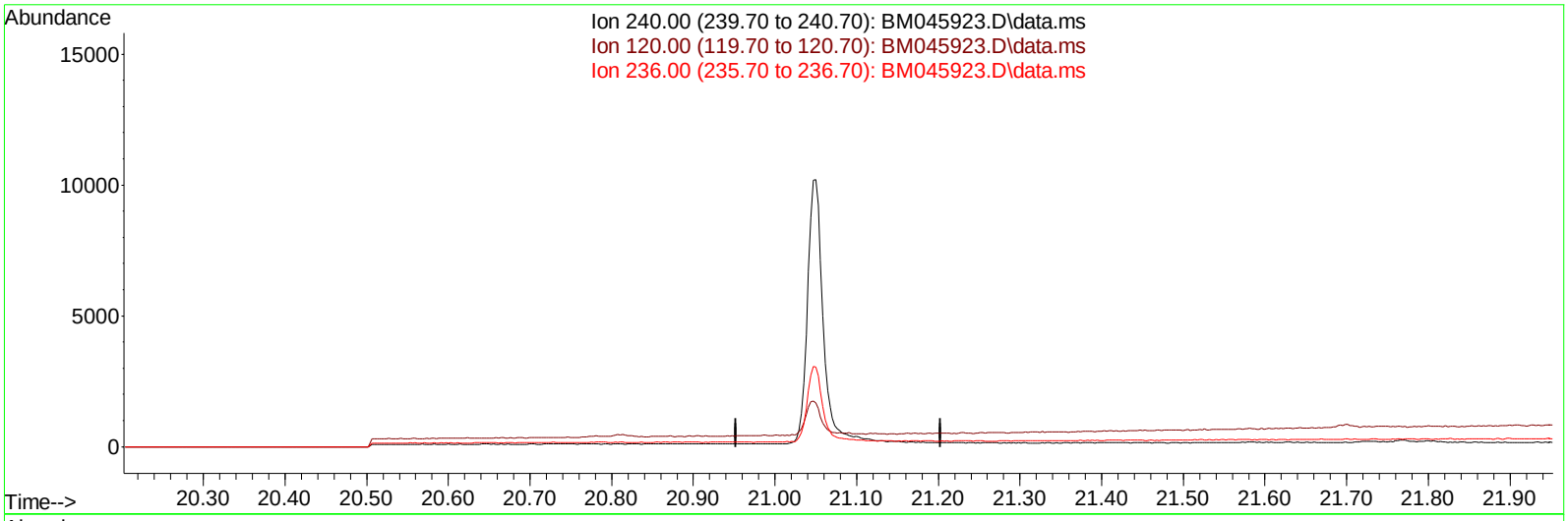
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045923.D
Acq On : 08 Jun 2024 19:17
Operator : MA/JU
Sample : P2640-09
Misc :
ALS Vial : 51 Sample Multiplier: 1

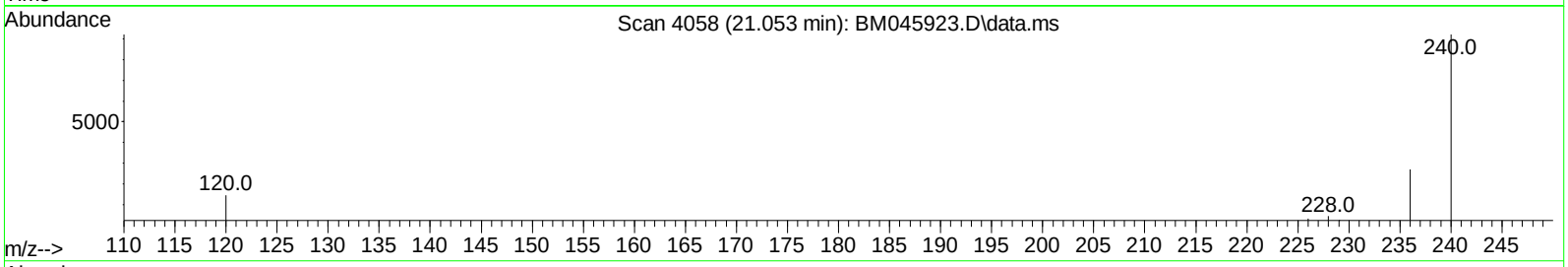
Quant Time: Jun 10 01:29:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

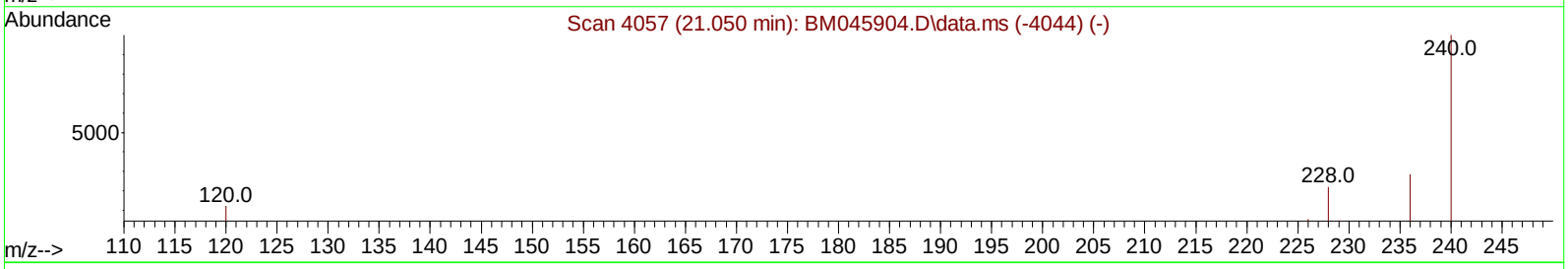
Instrument :
BNA_M
ClientSampleId :
A4C23

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024







TIC: BM045923.D\data.ms

(17) Chrysene-d12

21.053min (-21.053) 0.00 ng/ul

response 0

Ion	Exp%	Act%
240.00	100.00	0.00
120.00	16.10	0.00#
236.00	29.50	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

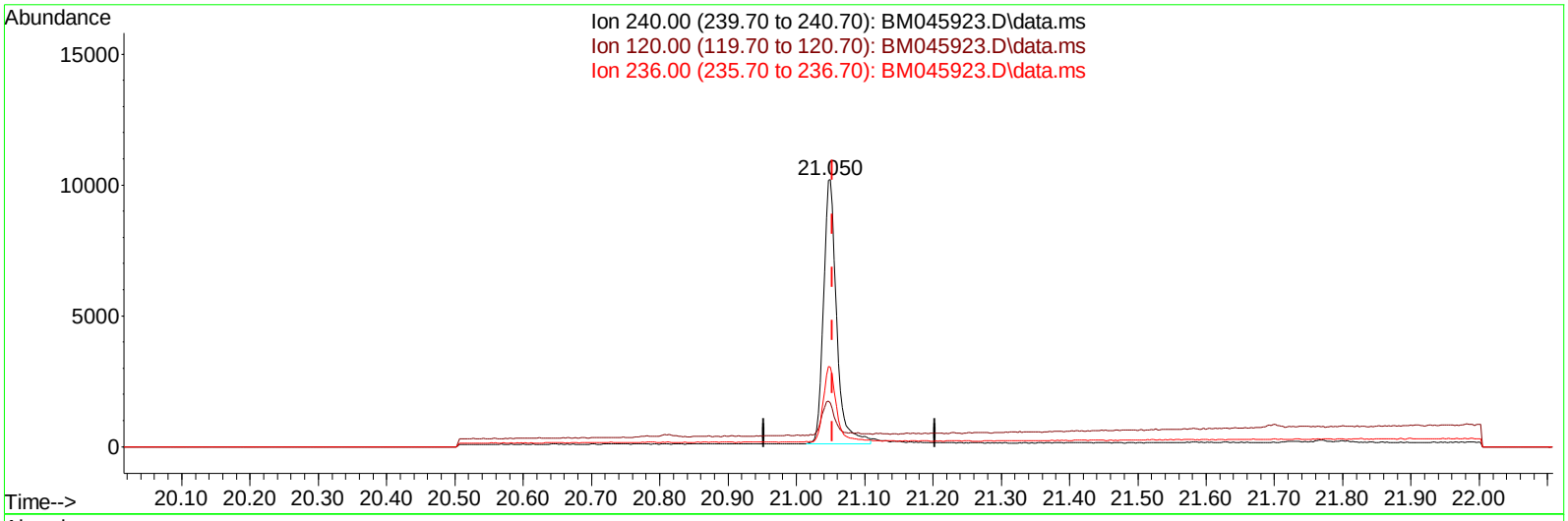
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045923.D
Acq On : 08 Jun 2024 19:17
Operator : MA/JU
Sample : P2640-09
Misc :
ALS Vial : 51 Sample Multiplier: 1

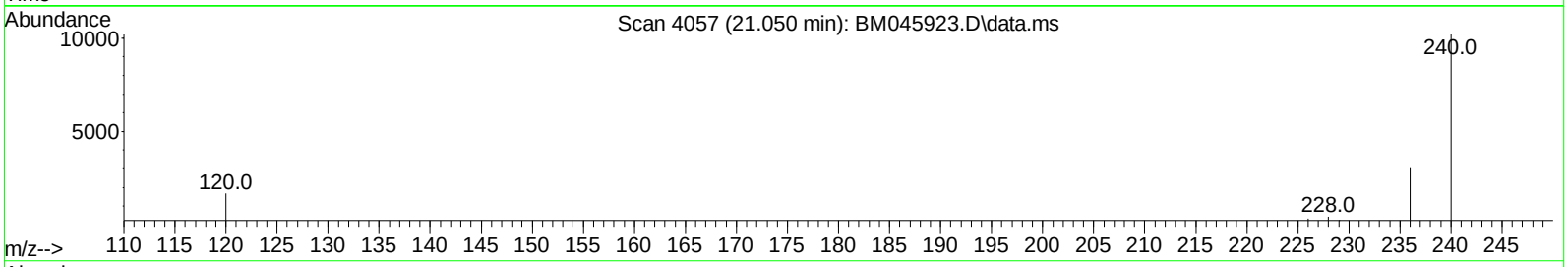
Quant Time: Jun 10 01:29:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

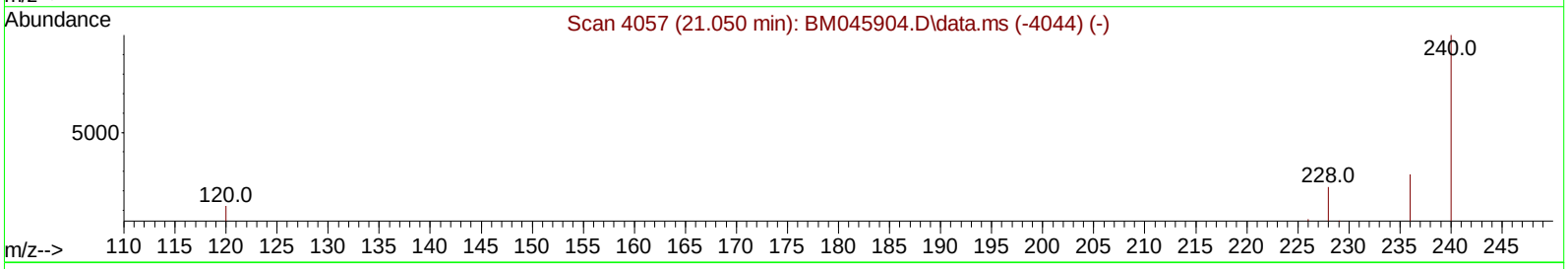
Instrument :
BNA_M
ClientSampleId :
A4C23

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024







TIC: BM045923.D\data.ms

(17) Chrysene-d12

21.050min (-0.003) 0.40 ng/ul m

response 13555

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.10	16.45
236.00	29.50	29.92
0.00	0.00	0.00

Quantitation Report (Qedit)

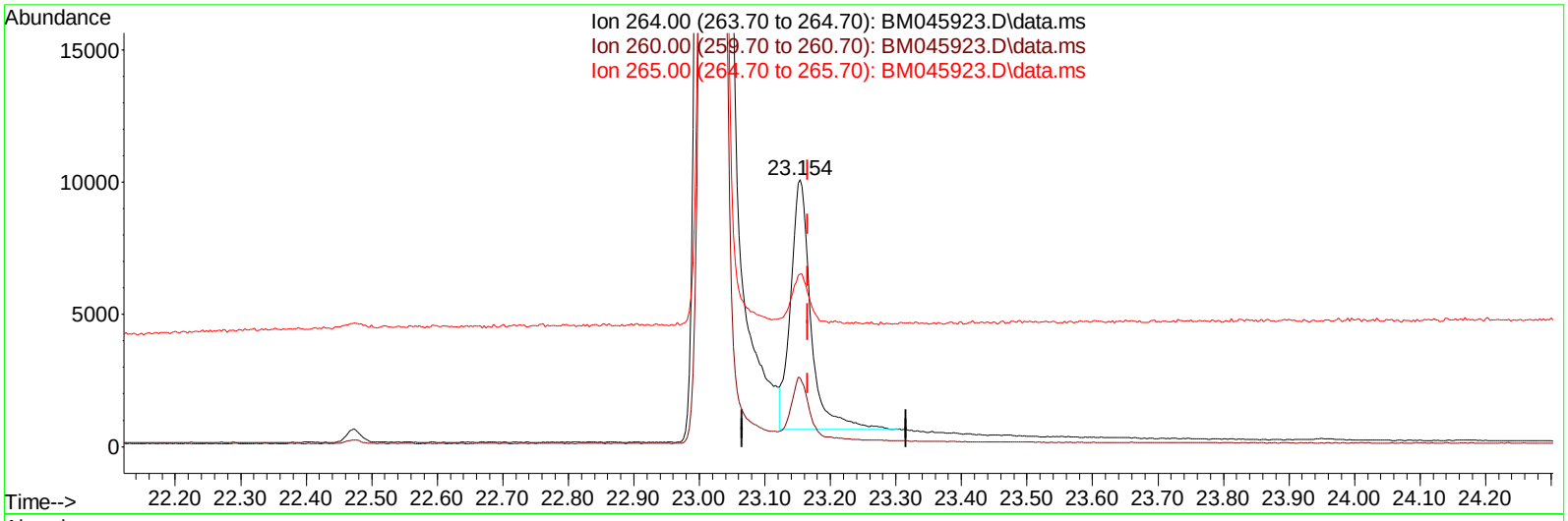
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045923.D
Acq On : 08 Jun 2024 19:17
Operator : MA/JU
Sample : P2640-09
Misc :
ALS Vial : 51 Sample Multiplier: 1

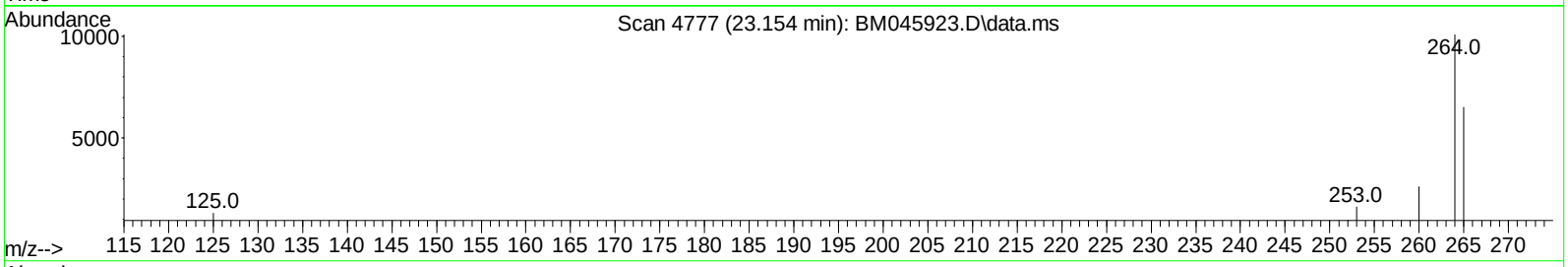
Quant Time: Jun 10 01:29:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

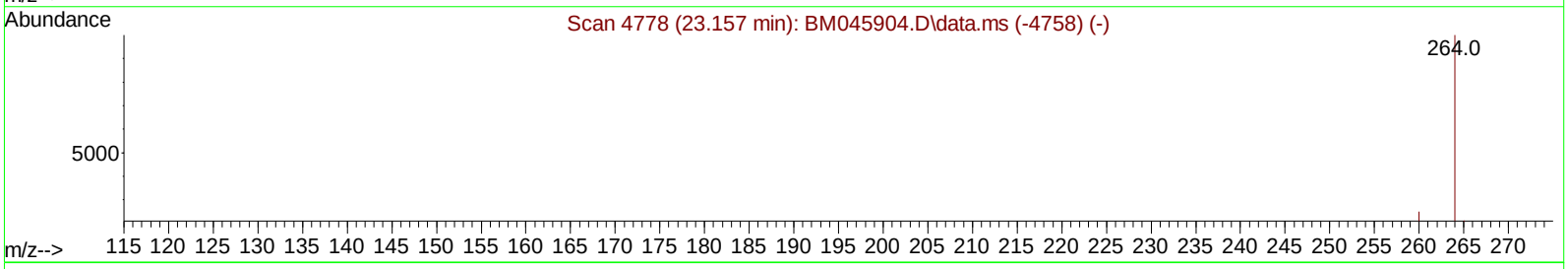
Instrument :
BNA_M
ClientSampleId :
A4C23

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024







TIC: BM045923.D\data.ms

(23) Perylene-d12 (I)

23.154min (-0.012) 0.40 ng/ul

response 20468

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.70	25.78
265.00	76.60	64.71
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045923.D
Acq On : 08 Jun 2024 19:17
Operator : MA/JU
Sample : P2640-09
Misc :
ALS Vial : 51 Sample Multiplier: 1

Quant Time: Jun 10 01:29:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Instrument :
BNA_M
ClientSampleId :
A4C23

Manual IntegrationsAPPROVED

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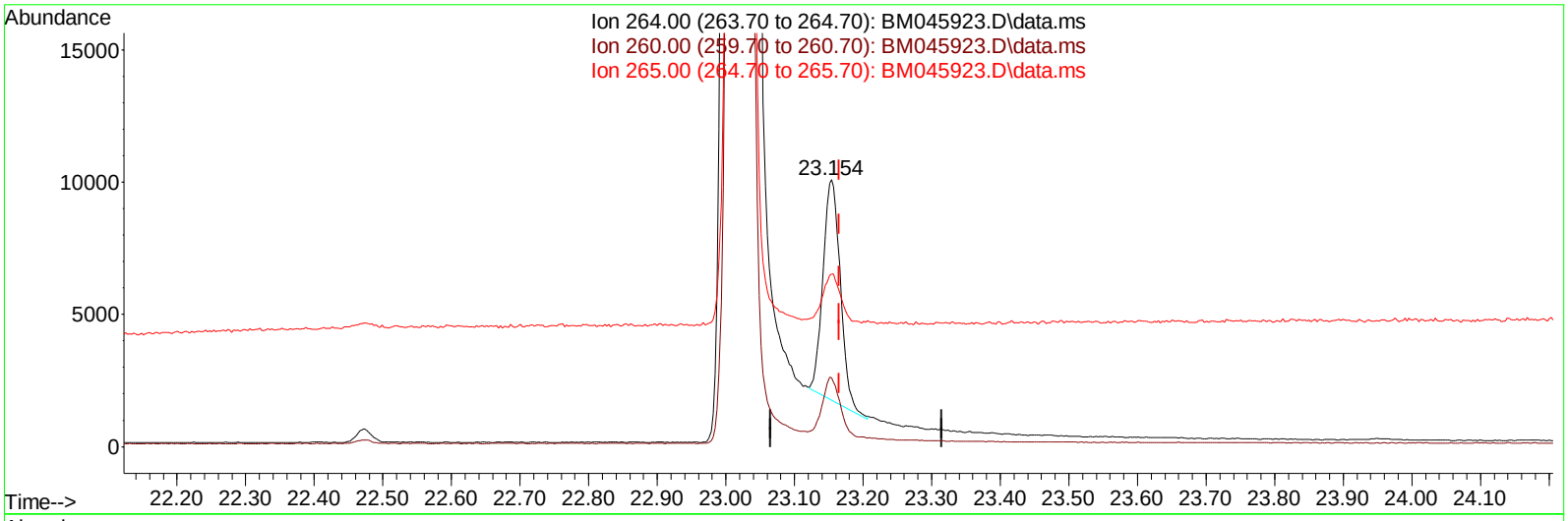
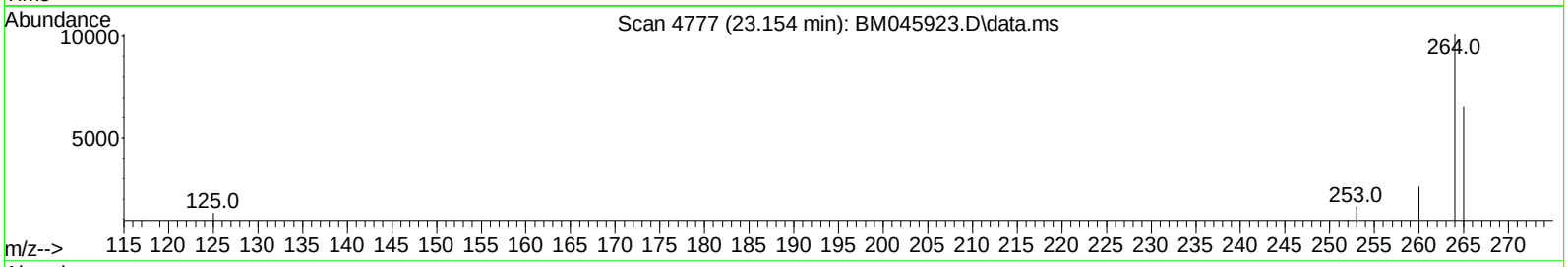
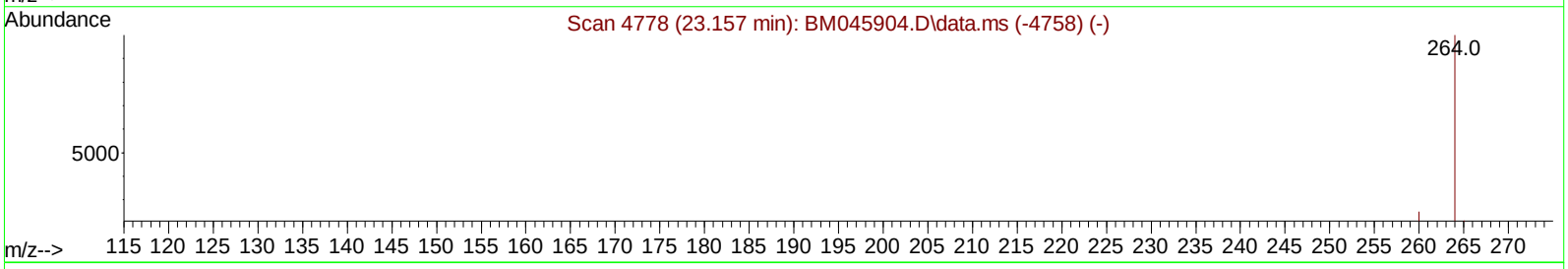
Supervised By :mohammad ahmed 06/13/2024







TIC: BM045923.D\data.ms

(23) Perylene-d12 (I)

23.154min (-0.012) 0.40 ng/ul m

response 14519

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.70	25.78
265.00	76.60	64.71
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045923.D
Acq On : 08 Jun 2024 19:17
Operator : MA/JU
Sample : P2640-09
Misc :
ALS Vial : 51 Sample Multiplier: 1

Quant Time: Jun 10 01:29:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Instrument :
BNA_M
ClientSampleId :
A4C23

Manual IntegrationsAPPROVED

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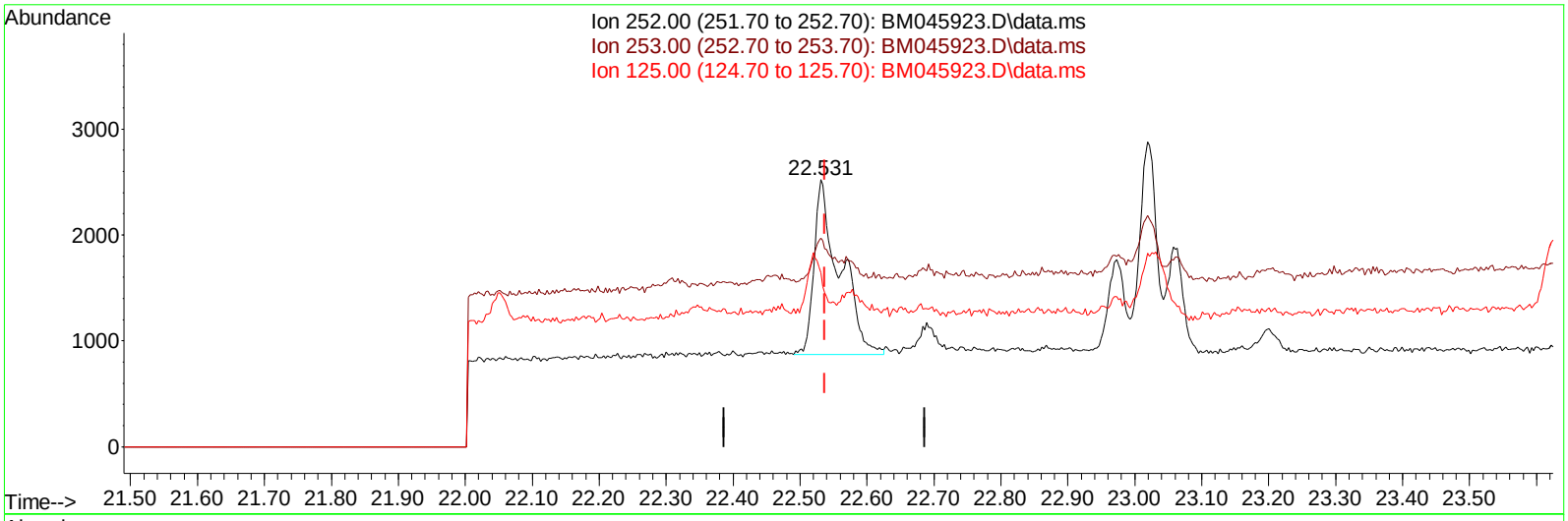

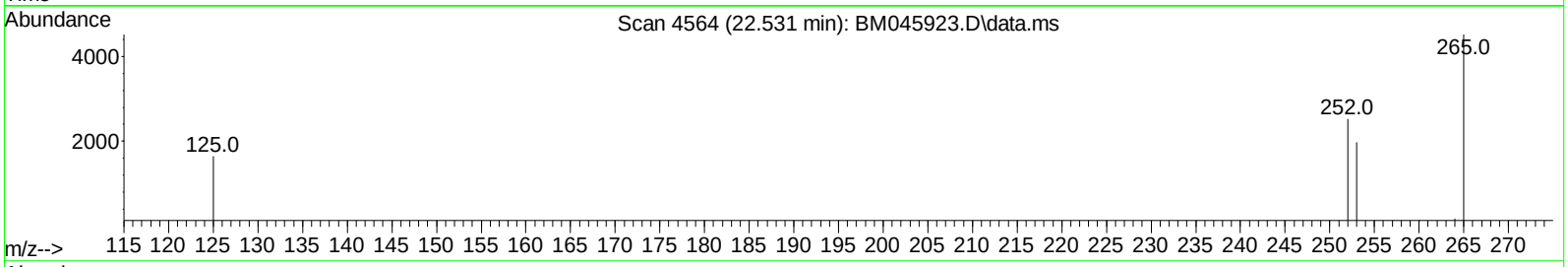

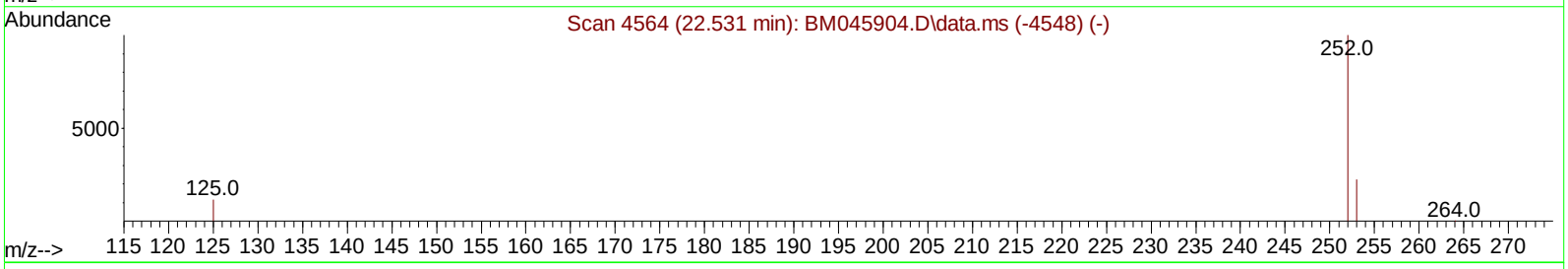

TIC: BM045923.D\data.ms

(24) Benzo(b)fluoranthene

22.531min (-0.006) 0.09 ng/ul

response 4428

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.80	78.18#
125.00	17.90	65.21#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045923.D
Acq On : 08 Jun 2024 19:17
Operator : MA/JU
Sample : P2640-09
Misc :
ALS Vial : 51 Sample Multiplier: 1

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
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Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4C23

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/10/2024
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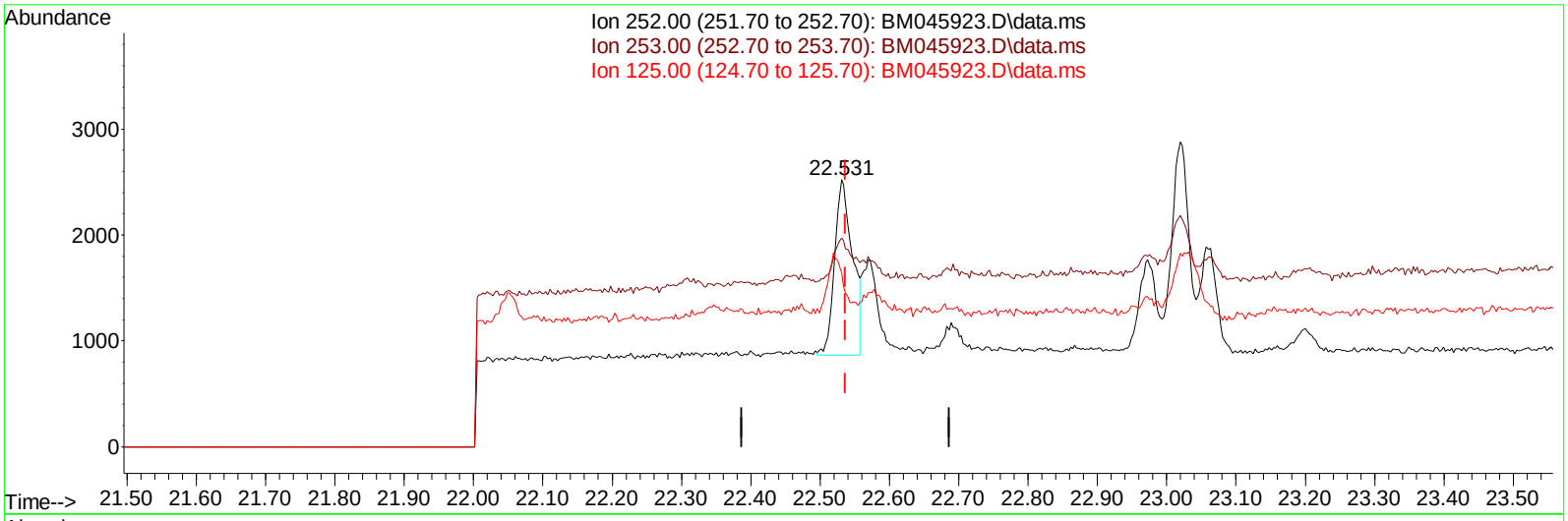

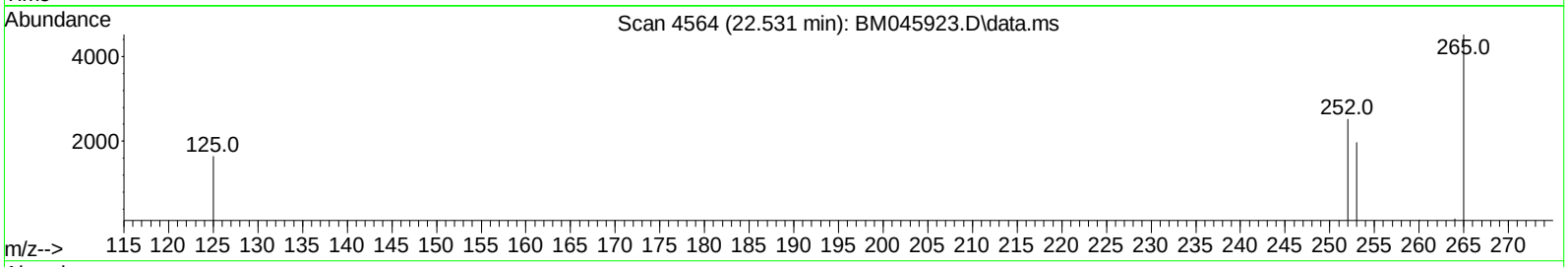

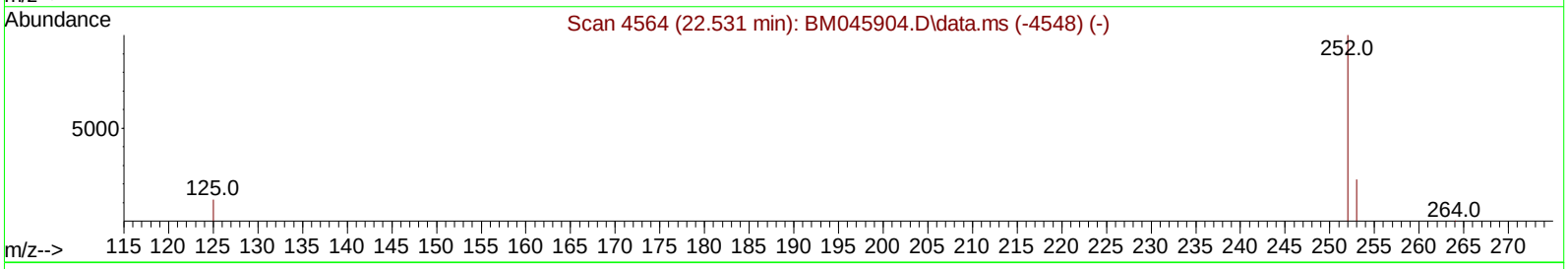

TIC: BM045923.D\data.ms

(24) Benzo(b)fluoranthene

22.531min (-0.006) 0.06 ng/ul m

response 3004

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.80	78.18#
125.00	17.90	65.21#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045923.D
Acq On : 08 Jun 2024 19:17
Operator : MA/JU
Sample : P2640-09
Misc :
ALS Vial : 51 Sample Multiplier: 1

Quant Time: Jun 10 01:29:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4C23

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.464	152	5887	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.231	136	18642	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.112	164	9135	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.853	188	17829m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.050	240	13555m	0.400	ng/ul	0.00
23) Perylene-d12	23.154	264	14519m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.059	96	23768	3.545	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.843	152	5465	0.204	ng/ul	0.00
18) Fluoranthene-d10	18.885	212	10132	0.250	ng/ul	0.00
Target Compounds						Qvalue
15) Phenanthrene	16.891	178	1135m	0.023	ng/ul	
19) Fluoranthene	18.913	202	3238	0.060	ng/ul#	91
20) Pyrene	19.275	202	2855	0.051	ng/ul#	83
21) Benzo(a)anthracene	21.032	228	1595	0.032	ng/ul#	80
22) Chrysene	21.082	228	2156	0.040	ng/ul#	84
24) Benzo(b)fluoranthene	22.531	252	3004m	0.062	ng/ul	
26) Benzo(a)pyrene	23.057	252	1578	0.033	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.223	276	1830	0.030	ng/ul#	50
29) Benzo(g,h,i)perylene	25.853	276	1880	0.035	ng/ul#	36

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045923.D
Acq On : 08 Jun 2024 19:17
Operator : MA/JU
Sample : P2640-09
Misc :
ALS Vial : 51 Sample Multiplier: 1

Quant Time: Jun 10 01:29:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4C23

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024