Quantitation Report (Qedit)

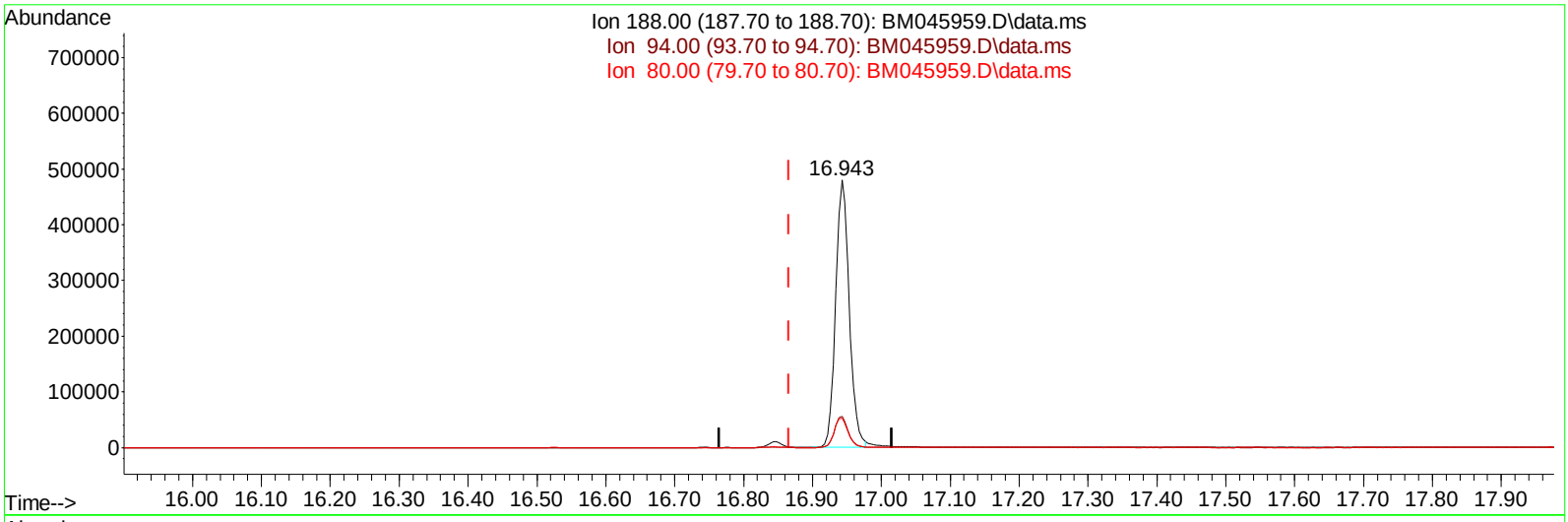
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045959.D
Acq On : 10 Jun 2024 20:11
Operator : MA/JU
Sample : P2642-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

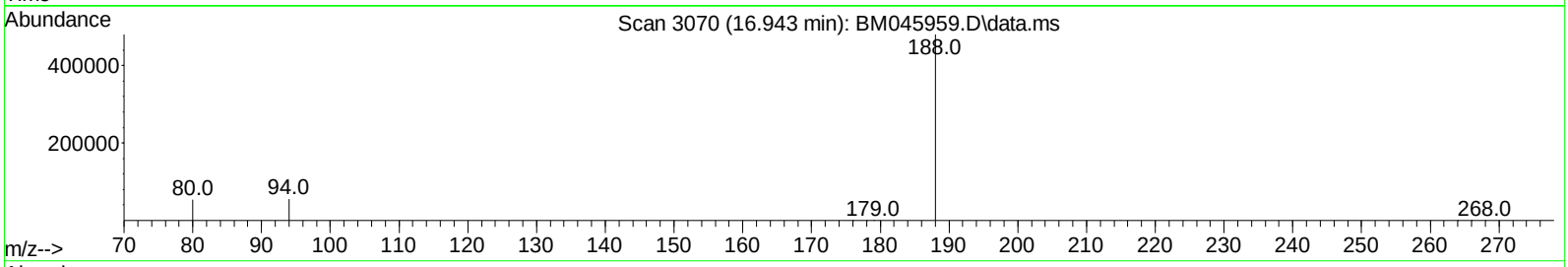
Quant Time: Jun 10 22:48:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 22:47:12 2024
Response via : Initial Calibration

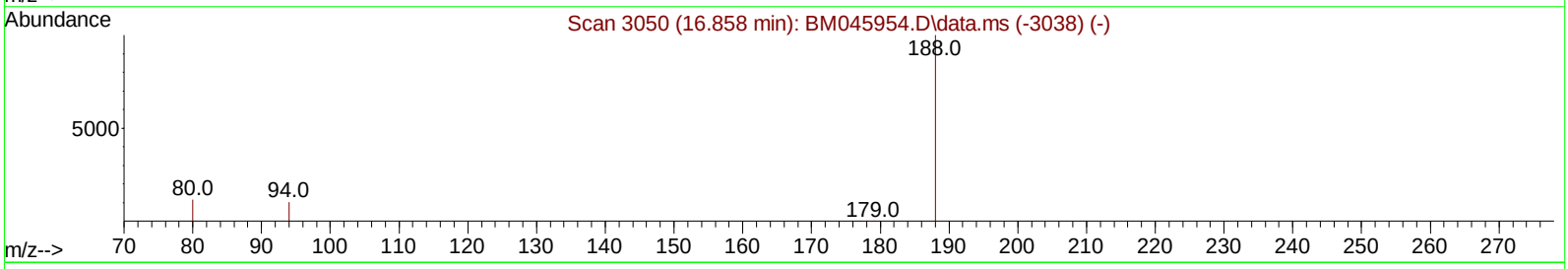
Instrument :
BNA_M
ClientSampleId :
A4B39

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024







TIC: BM045959.D\data.ms

(13) Phenanthrene-d10 (I)

16.943min (+ 0.077) 0.40 ng/ul

response 660323

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.50	11.59
80.00	11.70	11.05
0.00	0.00	0.00

Quantitation Report (Qedit)

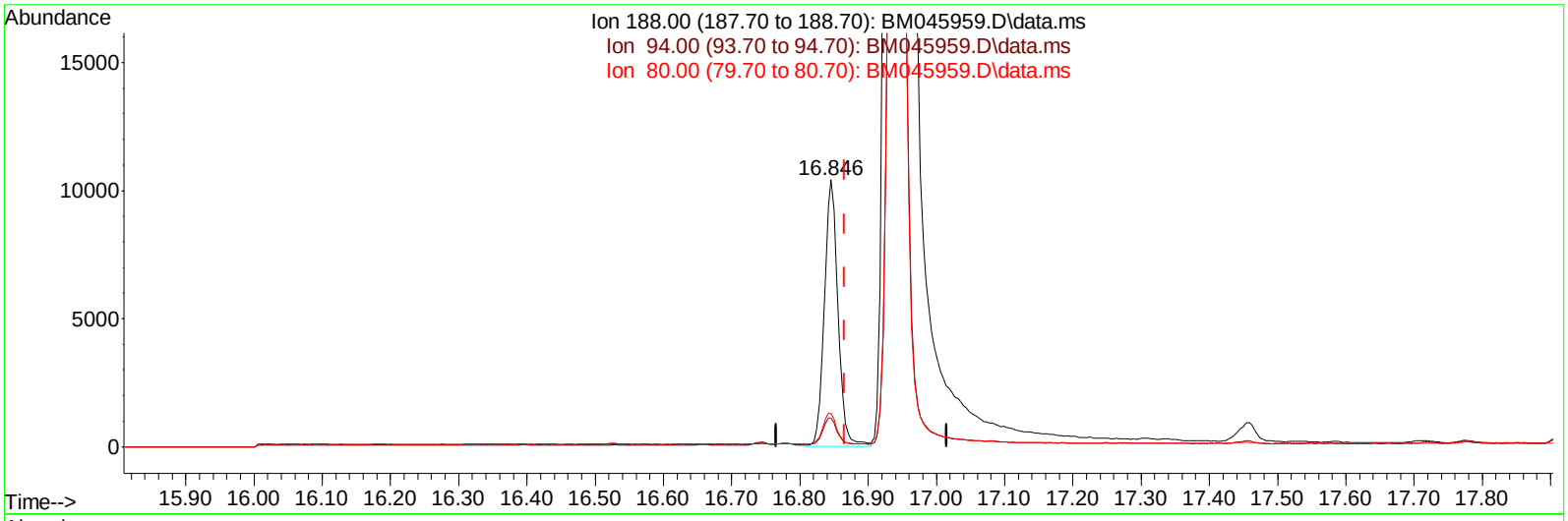
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045959.D
Acq On : 10 Jun 2024 20:11
Operator : MA/JU
Sample : P2642-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

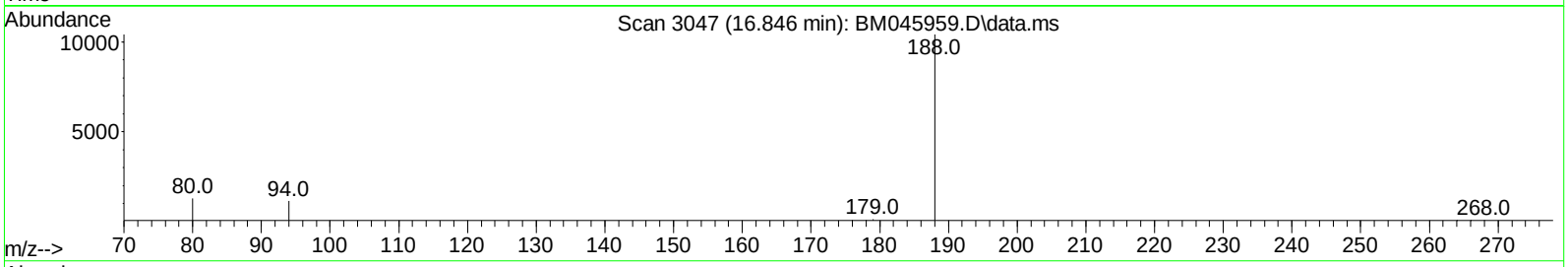
Quant Time: Jun 10 22:48:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 22:47:12 2024
Response via : Initial Calibration

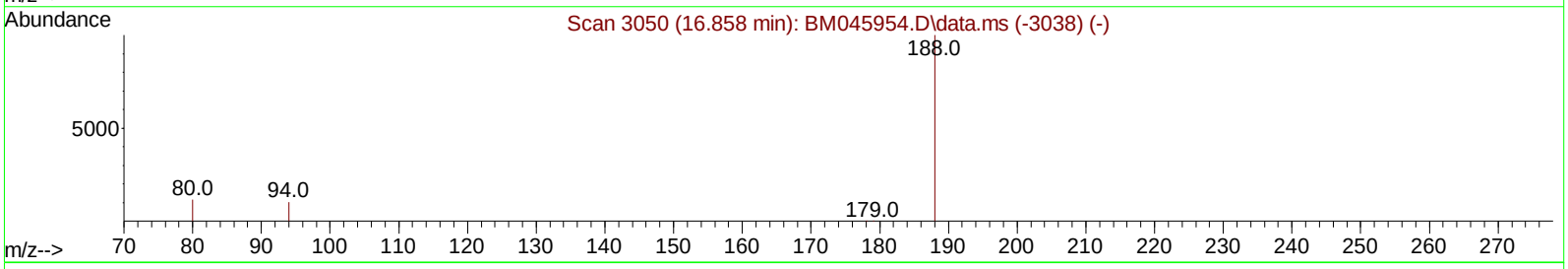
Instrument :
BNA_M
ClientSampleId :
A4B39

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024







TIC: BM045959.D\data.ms

(13) Phenanthrene-d10 (I)

16.846min (-0.020) 0.40 ng/ul m

response 14308

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.50	10.82
80.00	11.70	12.33
0.00	0.00	0.00

Quantitation Report (Qedit)

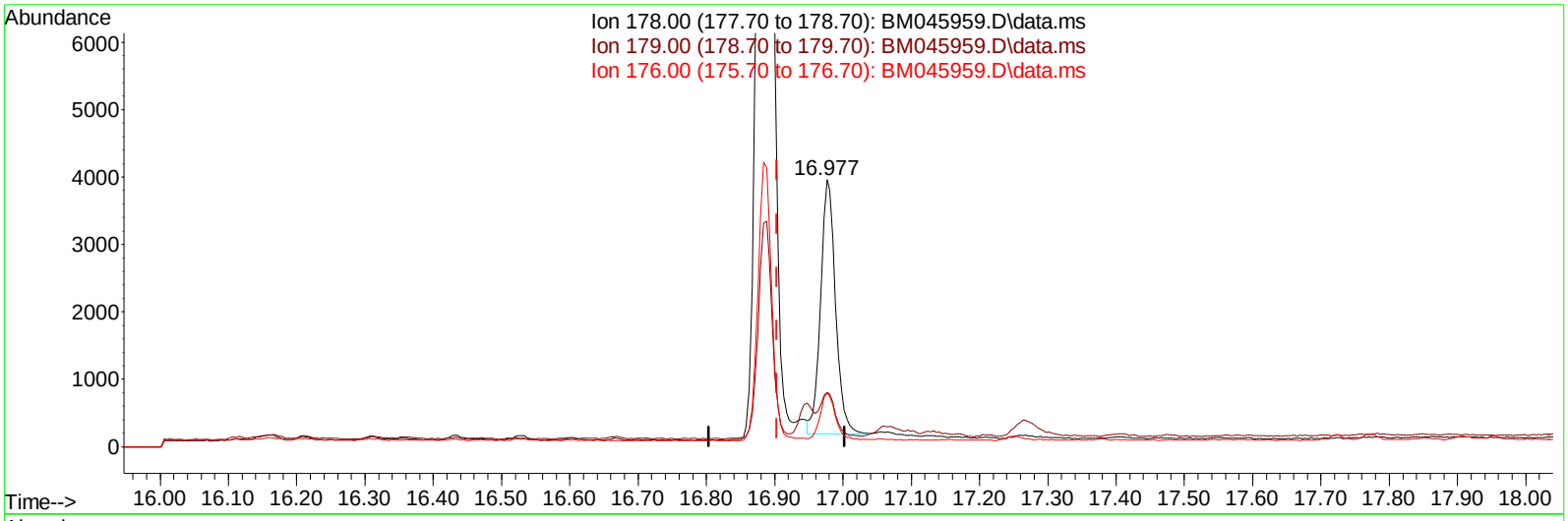
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045959.D
Acq On : 10 Jun 2024 20:11
Operator : MA/JU
Sample : P2642-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

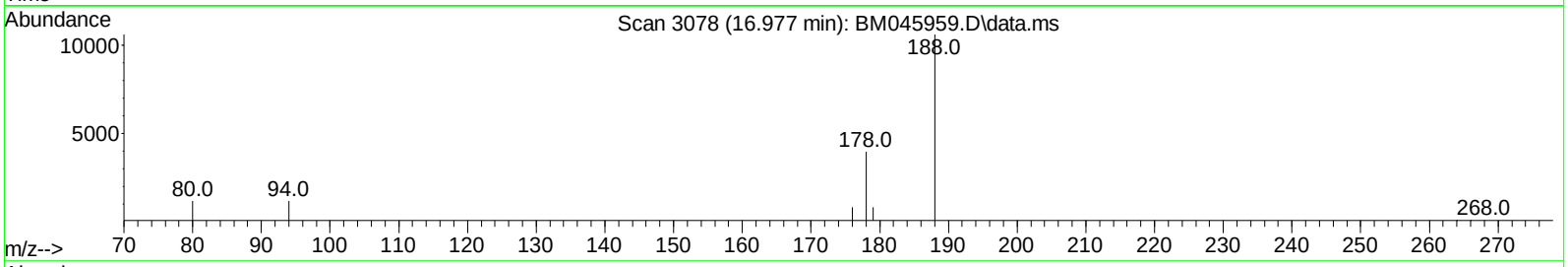
Quant Time: Jun 10 22:48:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 22:47:12 2024
Response via : Initial Calibration

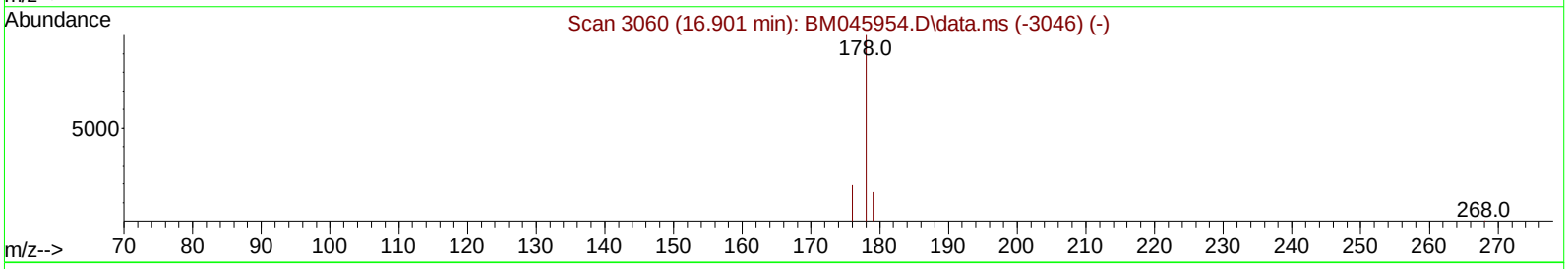
Instrument :
BNA_M
ClientSampleId :
A4B39

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024







TIC: BM045959.D\data.ms

(15) Phenanthrene

16.977min (+ 0.073) 0.14 ng/ul

response 5731

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.90	20.51#
176.00	19.50	20.26
0.00	0.00	0.00

Quantitation Report (Qedit)

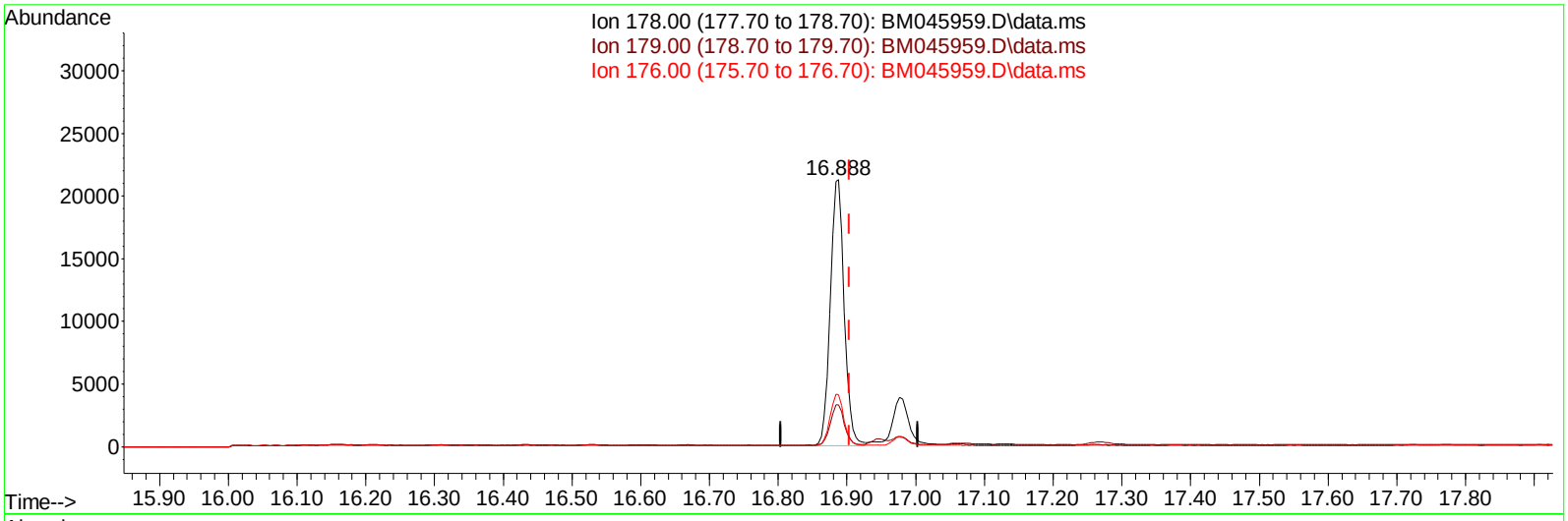
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045959.D
Acq On : 10 Jun 2024 20:11
Operator : MA/JU
Sample : P2642-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

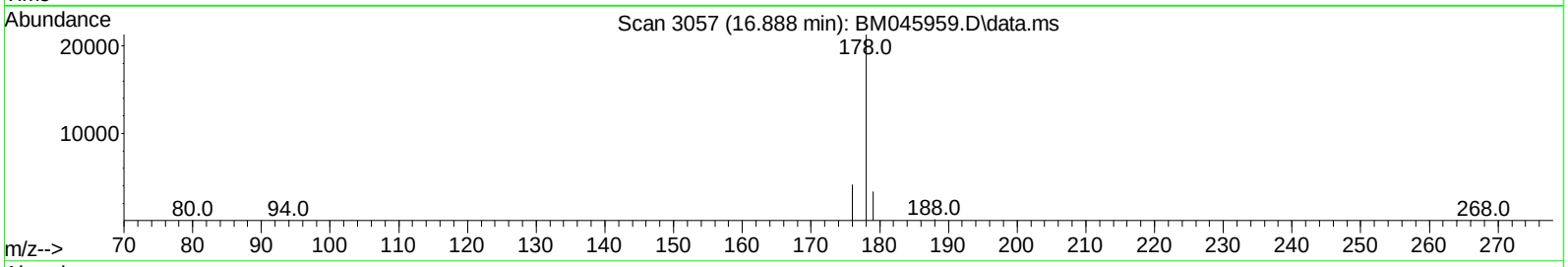
Quant Time: Jun 10 22:48:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 22:47:12 2024
Response via : Initial Calibration

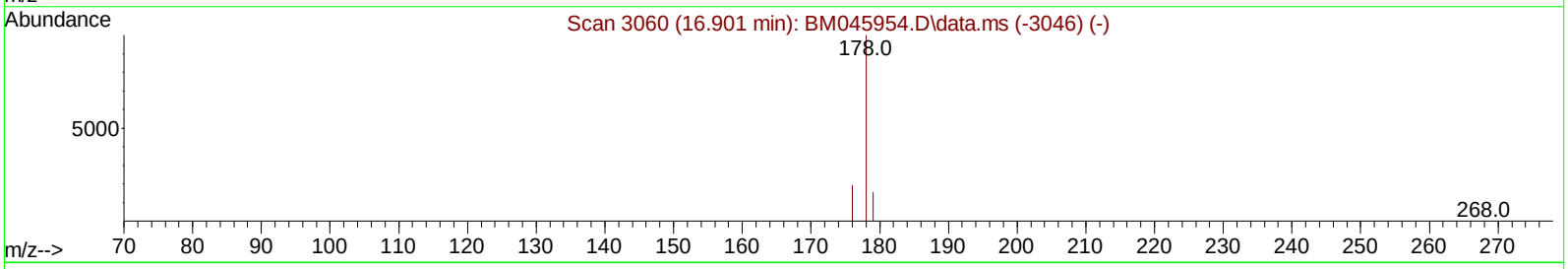
Instrument :
BNA_M
ClientSampleId :
A4B39

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024







TIC: BM045959.D\data.ms

(15) Phenanthrene

16.888min (-0.016) 0.74 ng/ul m

response 29844

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.90	15.73
176.00	19.50	19.43
0.00	0.00	0.00

Quantitation Report (Qedit)

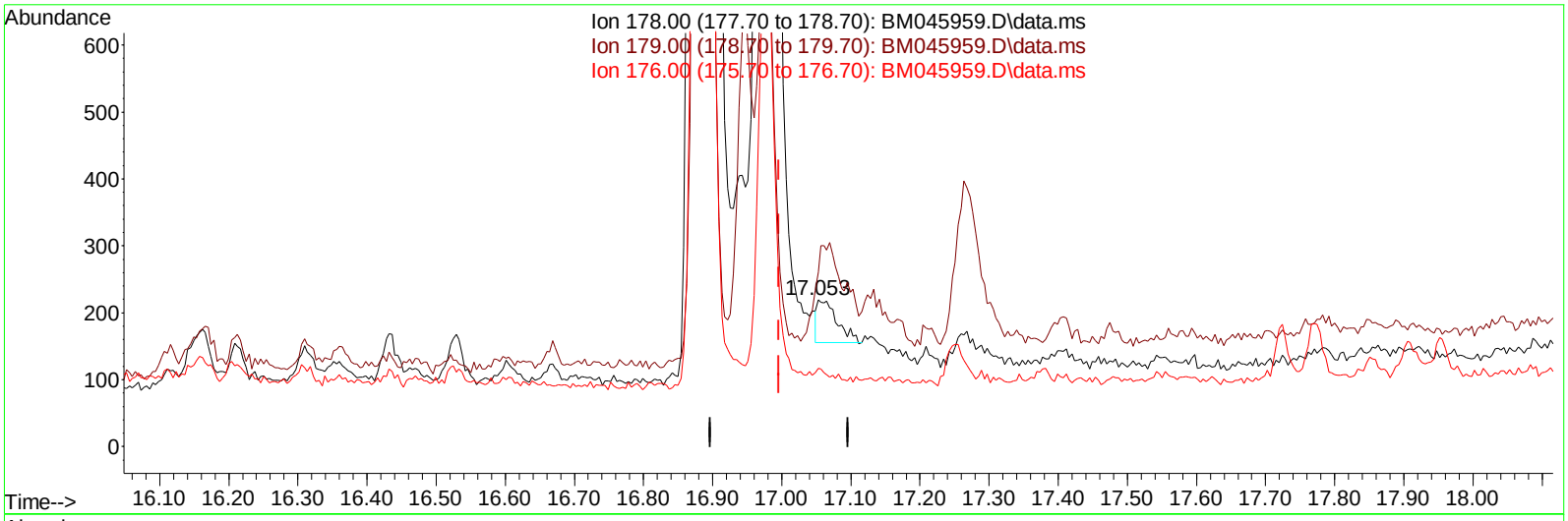
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045959.D
Acq On : 10 Jun 2024 20:11
Operator : MA/JU
Sample : P2642-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

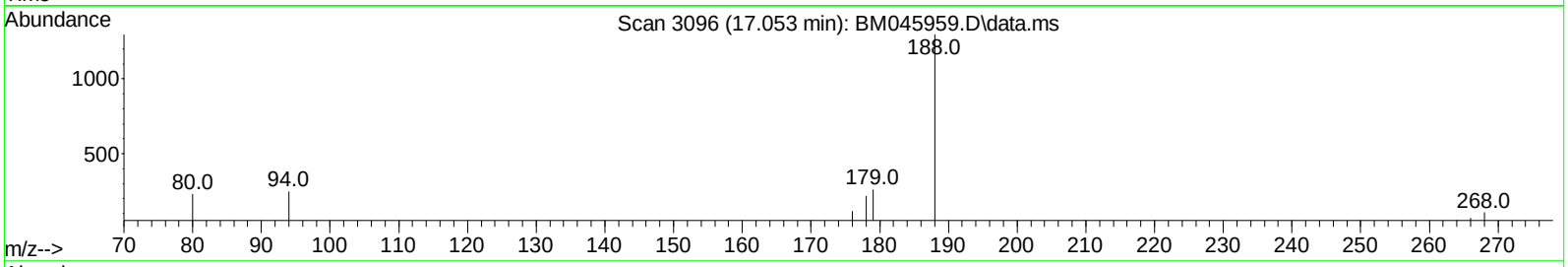
Quant Time: Jun 10 22:48:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 22:47:12 2024
Response via : Initial Calibration

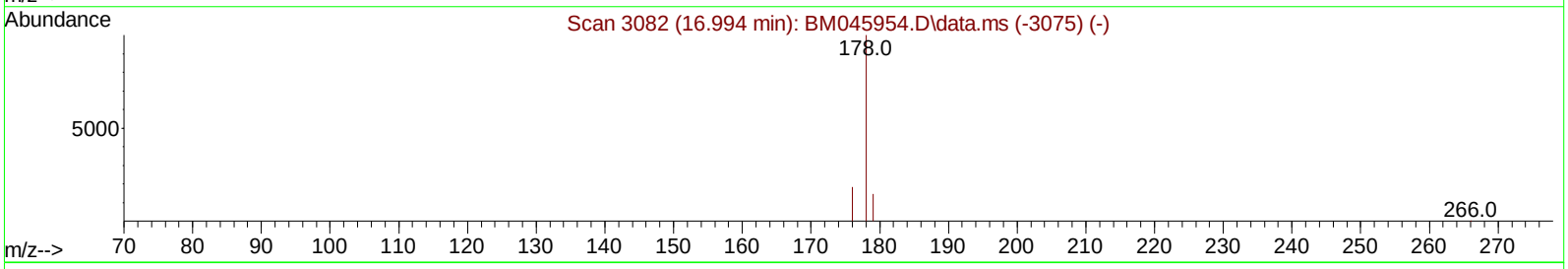
Instrument :
BNA_M
ClientSampleId :
A4B39

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024







TIC: BM045959.D\data.ms

(16) Anthracene

17.053min (+ 0.056) 0.00 ng/ul

response 124

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.40	119.18#
176.00	19.40	53.42#
0.00	0.00	0.00

Quantitation Report (Qedit)

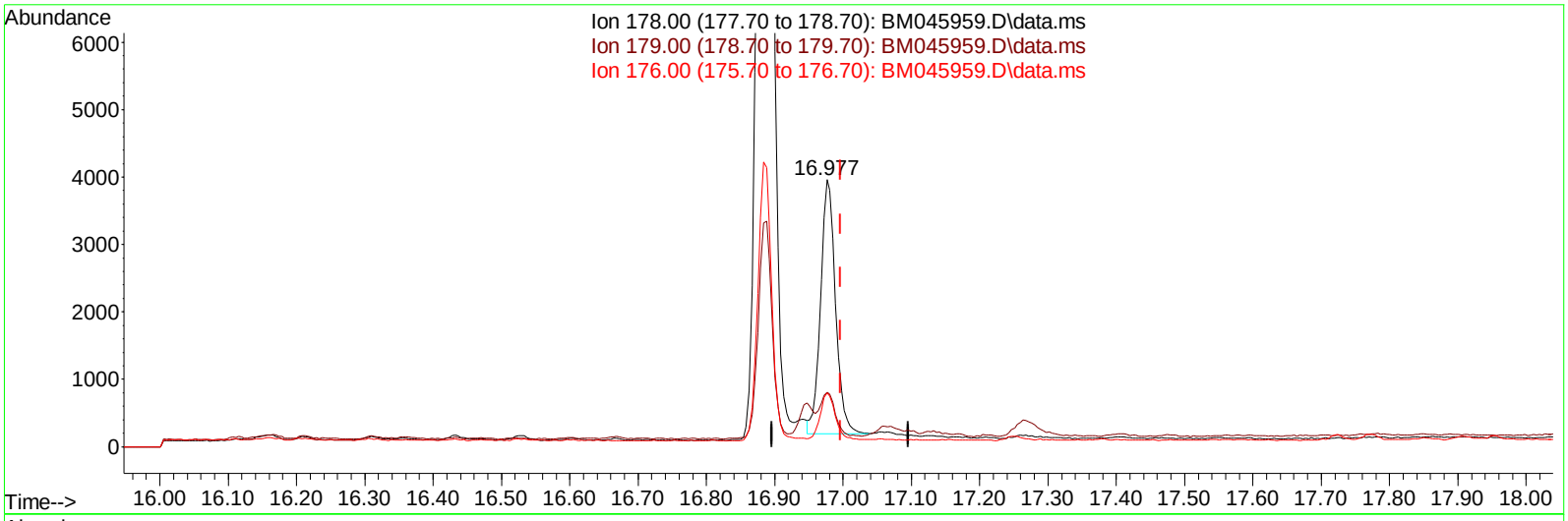
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045959.D
Acq On : 10 Jun 2024 20:11
Operator : MA/JU
Sample : P2642-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

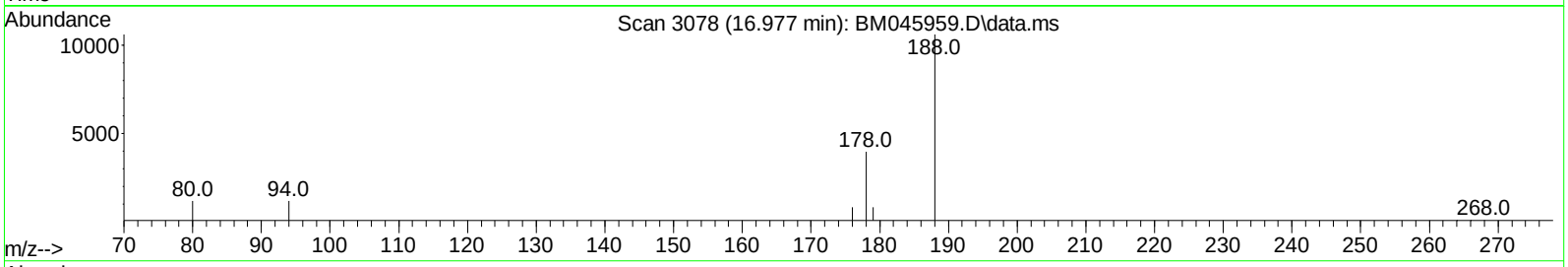
Quant Time: Jun 10 22:48:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 22:47:12 2024
Response via : Initial Calibration

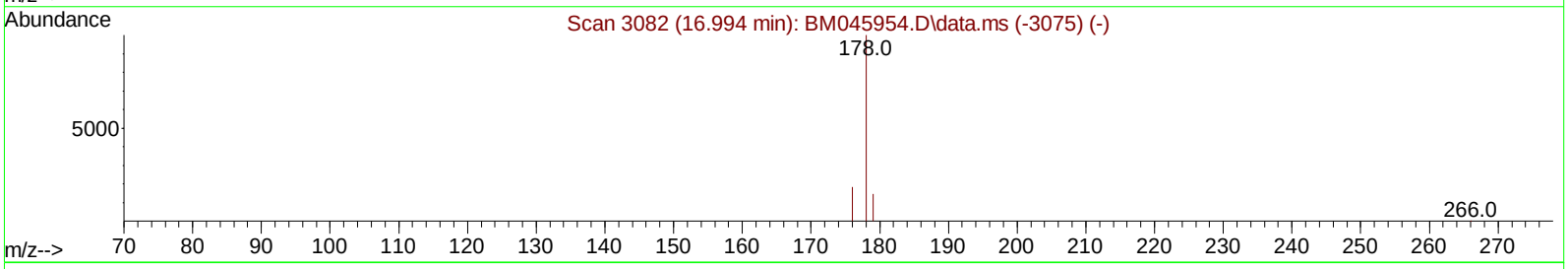
Instrument :
BNA_M
ClientSampleId :
A4B39

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024







TIC: BM045959.D\data.ms

(16) Anthracene

16.977min (-0.020) 0.17 ng/ul m

response 5770

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.40	20.51#
176.00	19.40	20.26
0.00	0.00	0.00

Quantitation Report (Qedit)

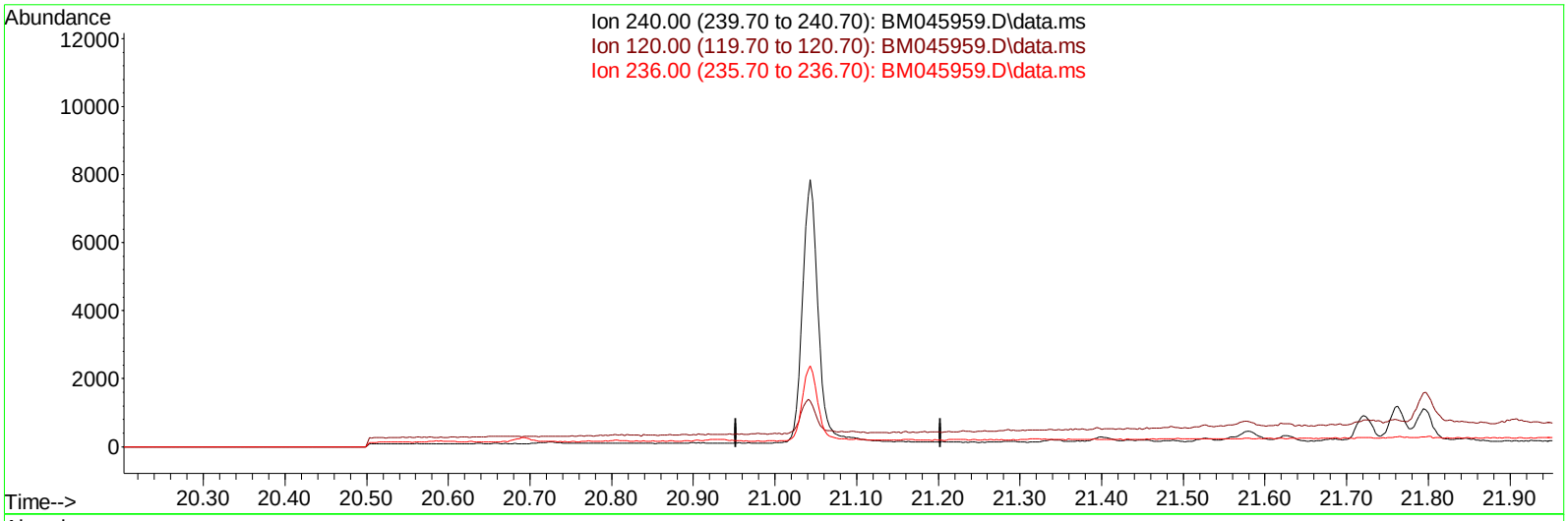
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045959.D
Acq On : 10 Jun 2024 20:11
Operator : MA/JU
Sample : P2642-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

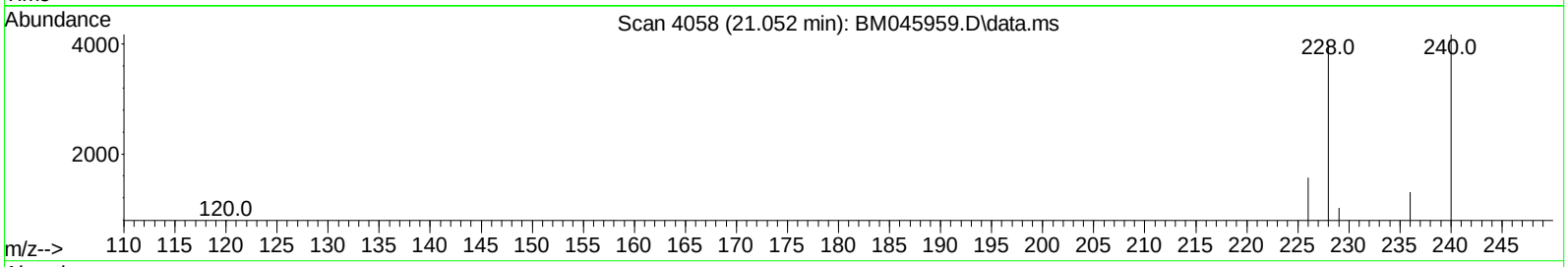
Quant Time: Jun 10 22:48:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 22:47:12 2024
Response via : Initial Calibration

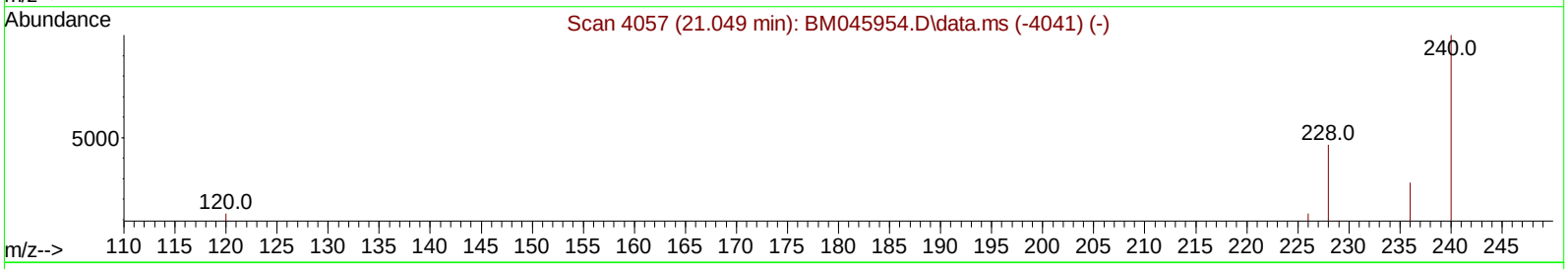
Instrument :
BNA_M
ClientSampleId :
A4B39

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024







TIC: BM045959.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)

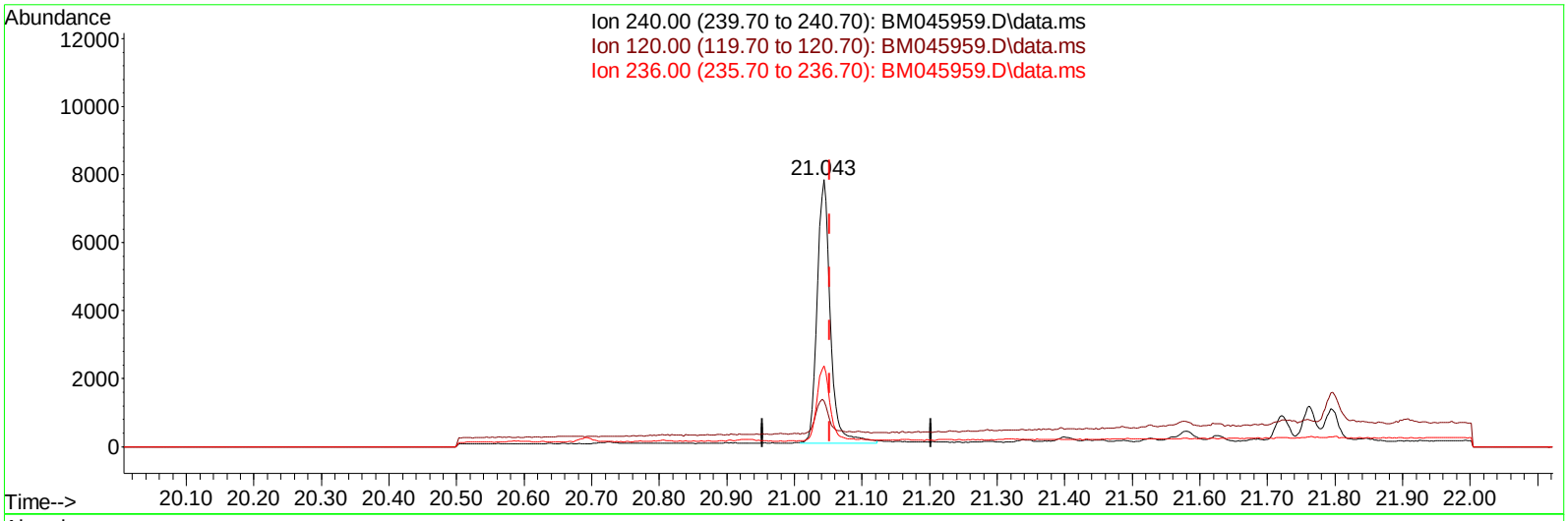
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045959.D
Acq On : 10 Jun 2024 20:11
Operator : MA/JU
Sample : P2642-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

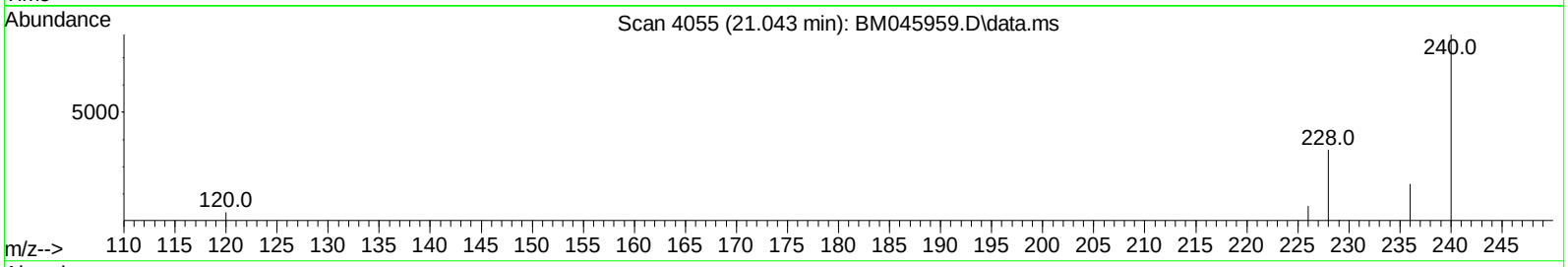
Quant Time: Jun 10 22:48:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 22:47:12 2024
Response via : Initial Calibration

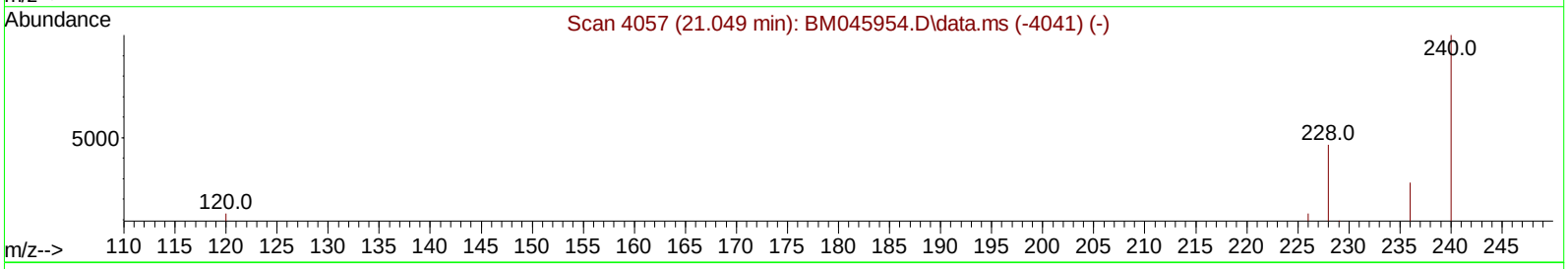
Instrument :
BNA_M
ClientSampleId :
A4B39

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024







TIC: BM045959.D\data.ms

(17) Chrysene-d12

21.043min (-0.009) 0.40 ng/ul m

response 10455

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.10	17.10
236.00	29.50	30.38
0.00	0.00	0.00

Quantitation Report (Qedit)

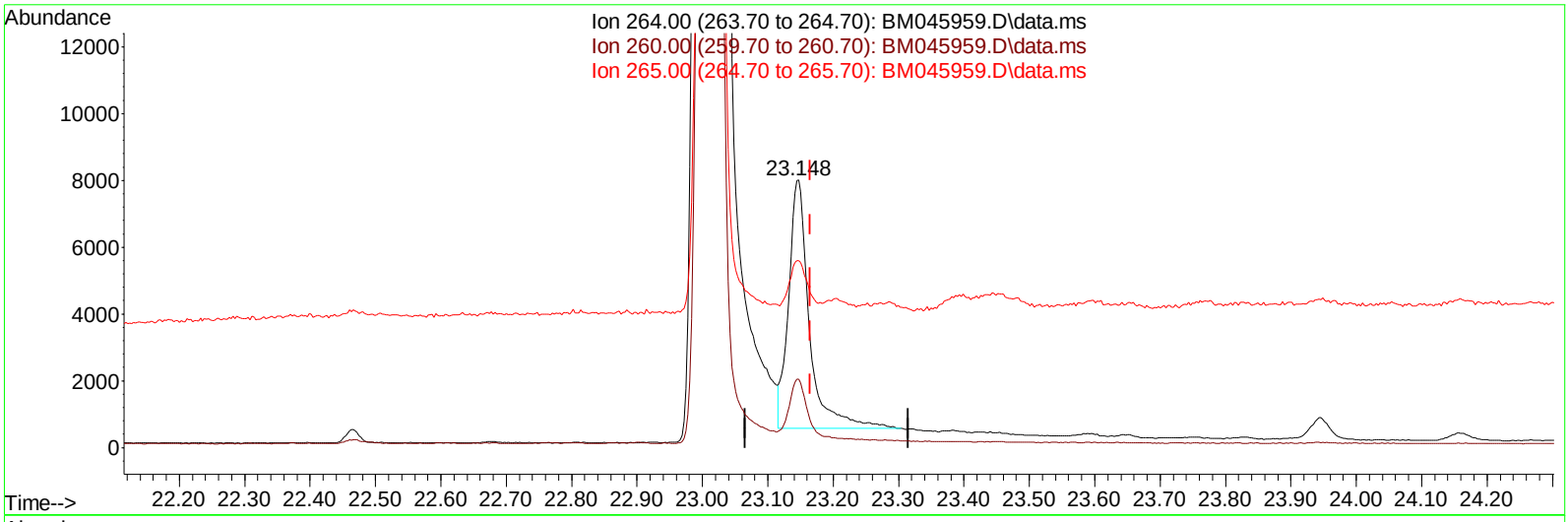
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045959.D
Acq On : 10 Jun 2024 20:11
Operator : MA/JU
Sample : P2642-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

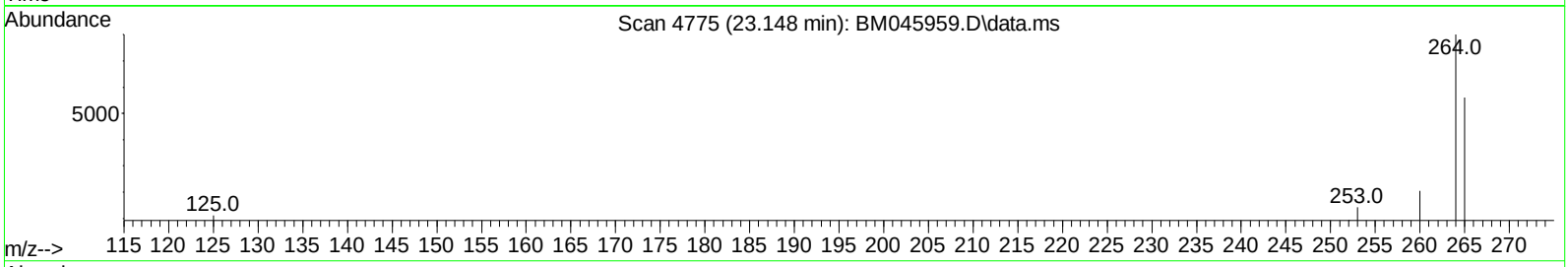
Quant Time: Jun 10 22:48:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 22:47:12 2024
Response via : Initial Calibration

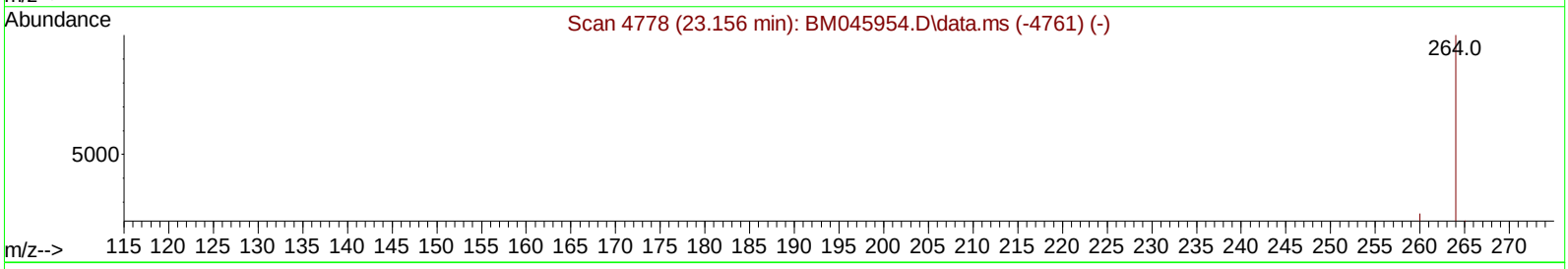
Instrument :
BNA_M
ClientSampleId :
A4B39

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024







TIC: BM045959.D\data.ms

(23) Perylene-d12 (I)

23.148min (-0.018) 0.40 ng/ul

response 16652

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.70	25.58
265.00	76.60	69.89
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045959.D
Acq On : 10 Jun 2024 20:11
Operator : MA/JU
Sample : P2642-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 10 22:48:46 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 : Mon Jun 10 22:47:12 2024
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Instrument :
BNA_M
ClientSampleId :
A4B39

Manual IntegrationsAPPROVED

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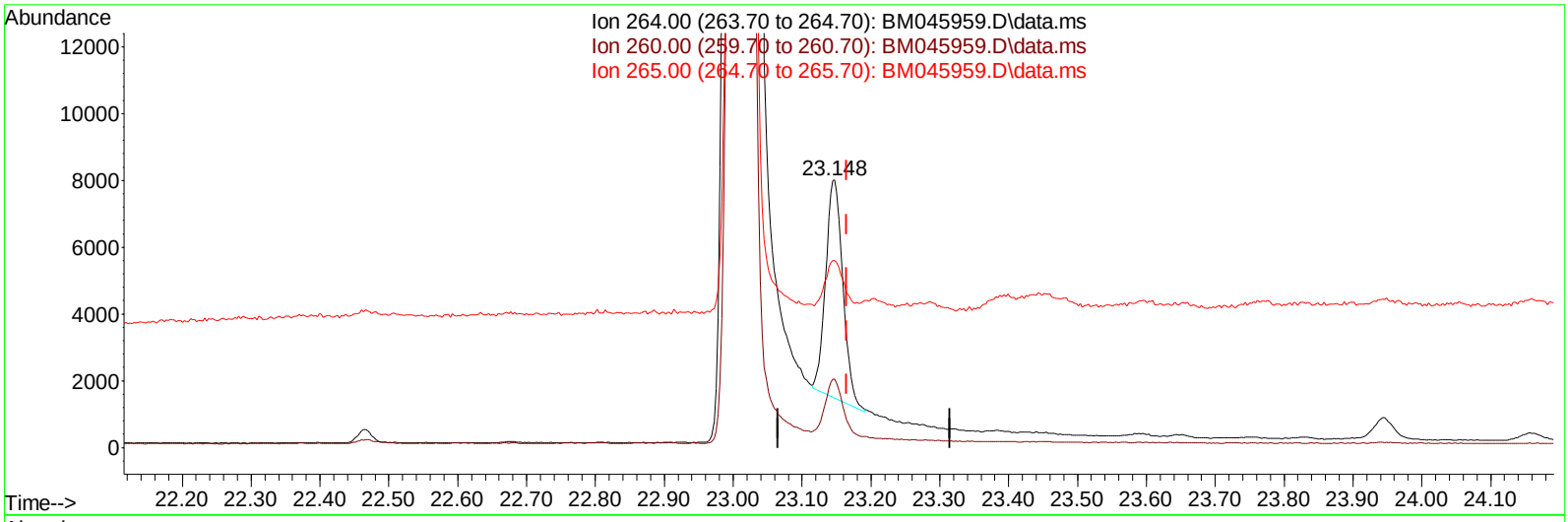
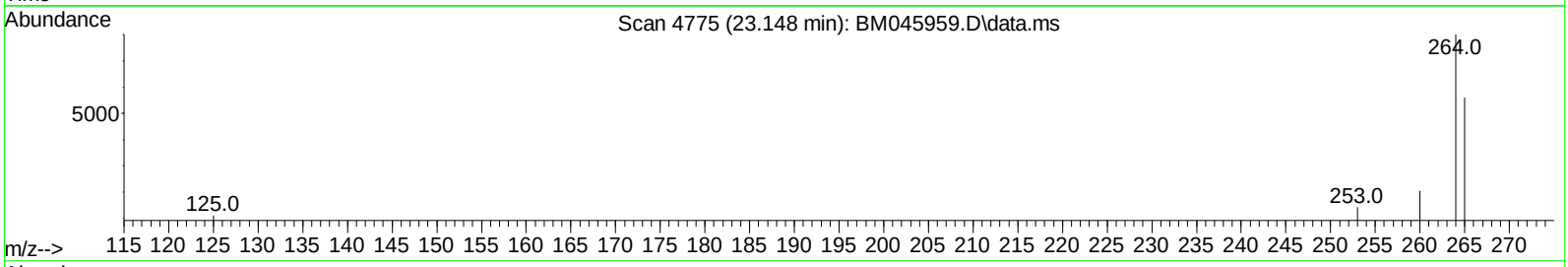
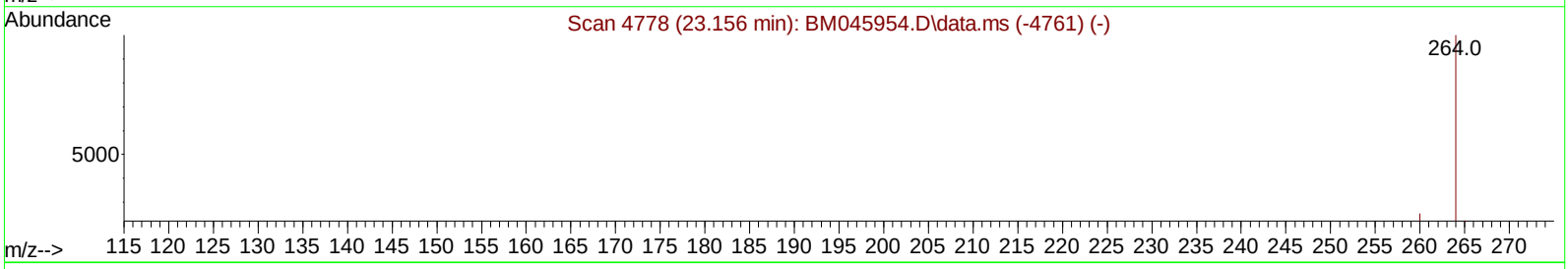
Supervised By :mohammad ahmed 06/13/2024







TIC: BM045959.D\data.ms

(23) Perylene-d12 (I)

23.148min (-0.018) 0.40 ng/ul m

response 11274

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.70	25.58
265.00	76.60	69.89
0.00	0.00	0.00

Quantitation Report (Qedit)

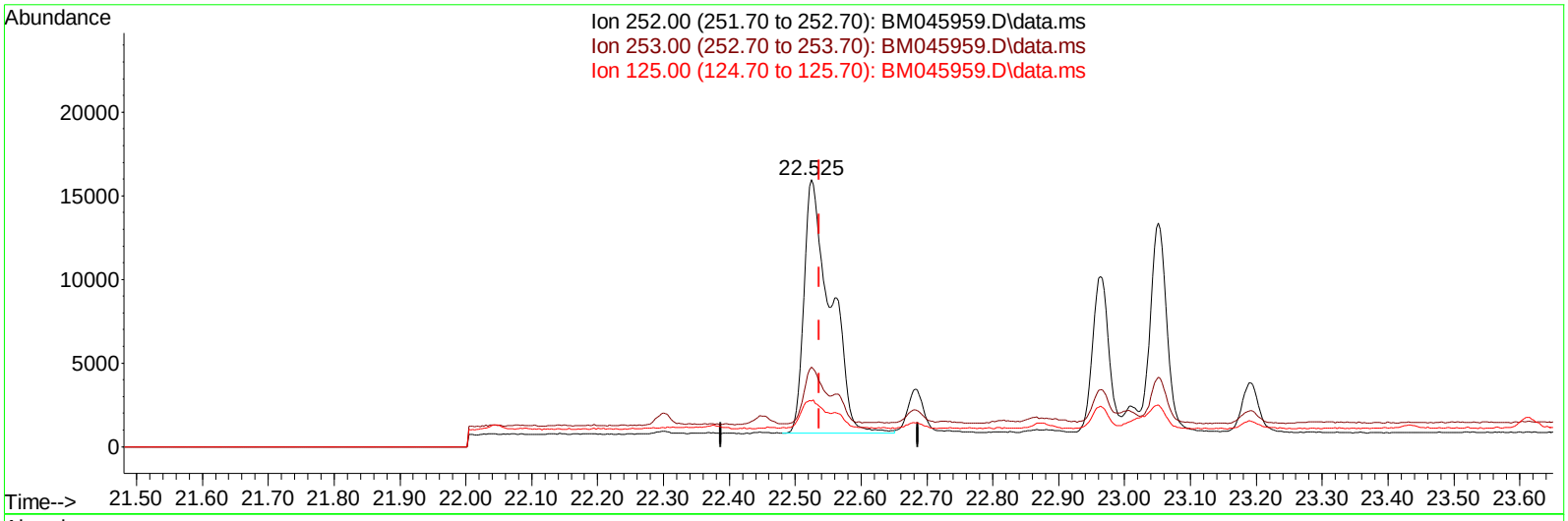
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045959.D
Acq On : 10 Jun 2024 20:11
Operator : MA/JU
Sample : P2642-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

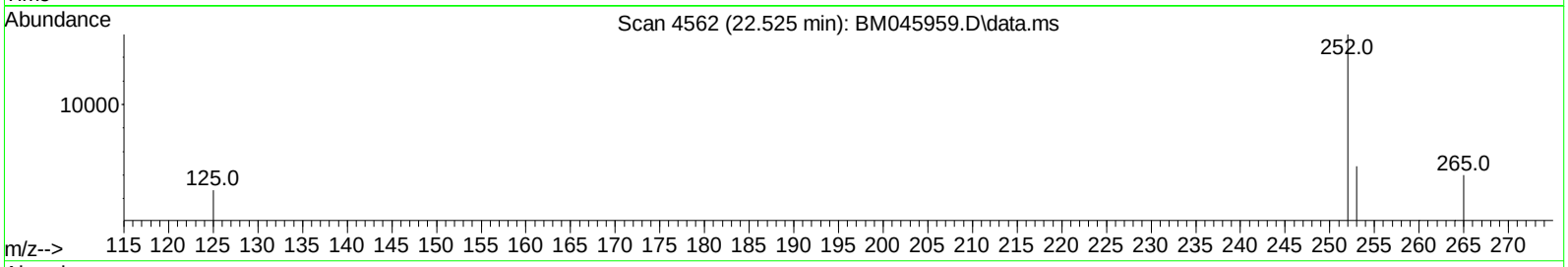
Quant Time: Jun 10 22:48:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 22:47:12 2024
Response via : Initial Calibration

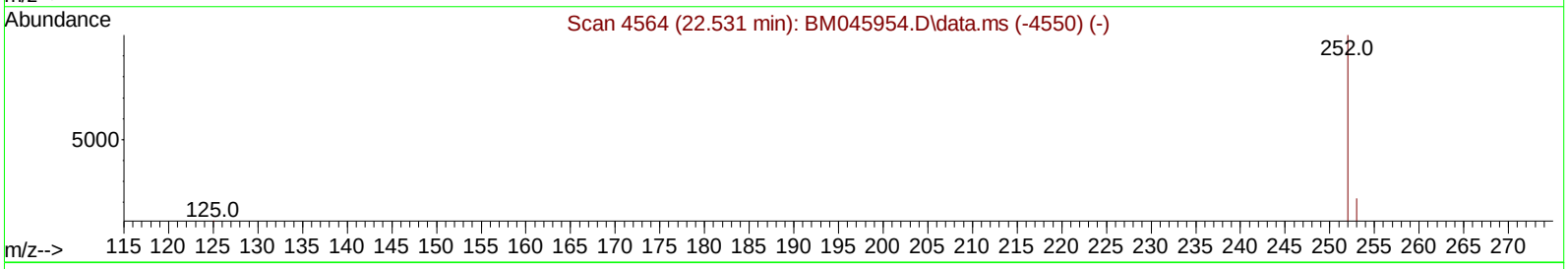
Instrument :
BNA_M
ClientSampleId :
A4B39

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024







TIC: BM045959.D\data.ms

(24) Benzo(b)fluoranthene

22.525min (-0.012) 1.14 ng/ul

response 42668

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.80	29.76
125.00	17.90	17.04
0.00	0.00	0.00

Quantitation Report (Qedit)

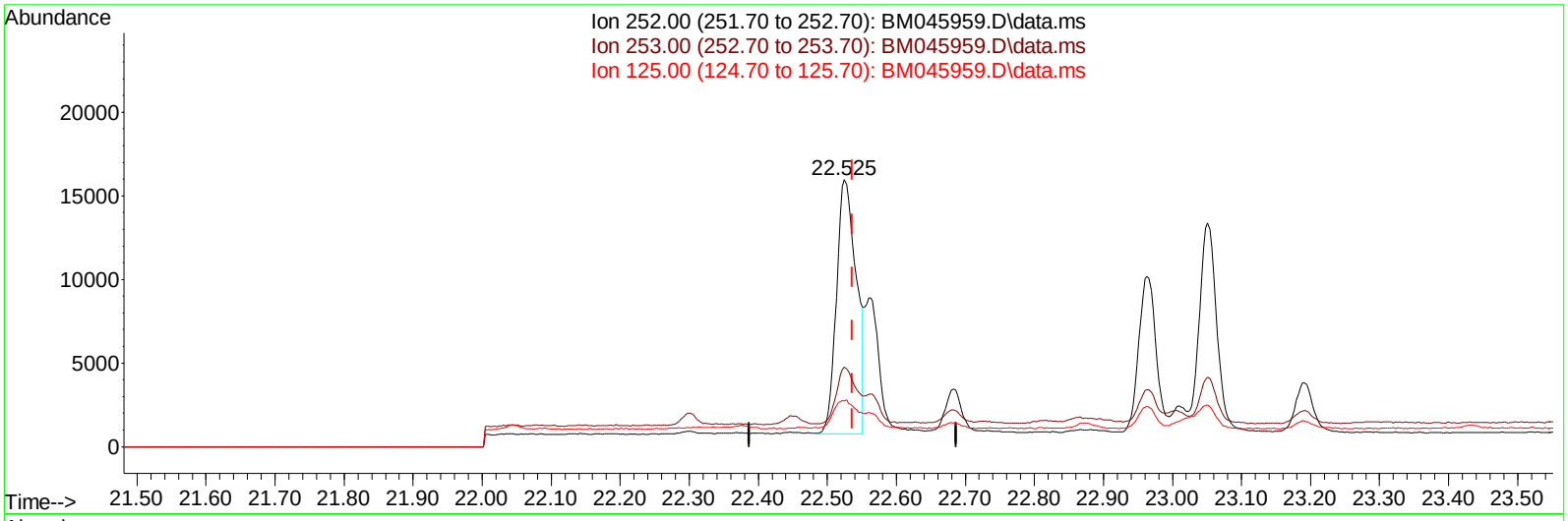
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045959.D
Acq On : 10 Jun 2024 20:11
Operator : MA/JU
Sample : P2642-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

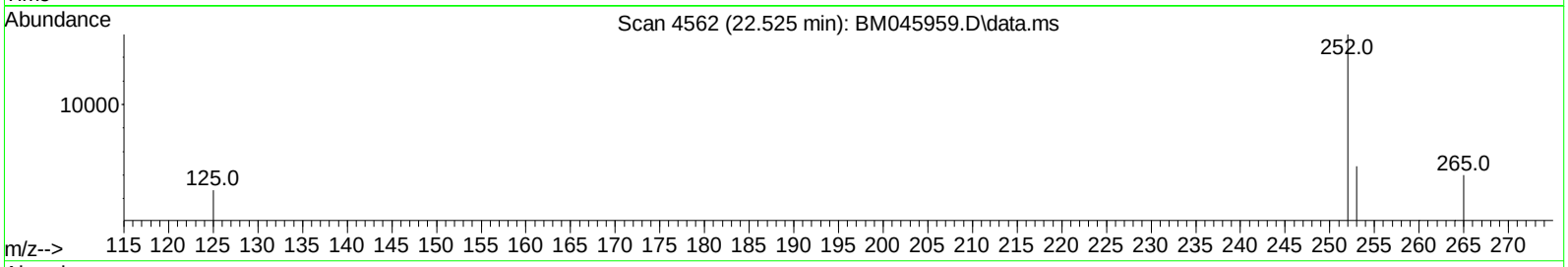
Quant Time: Jun 10 22:48:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 22:47:12 2024
Response via : Initial Calibration

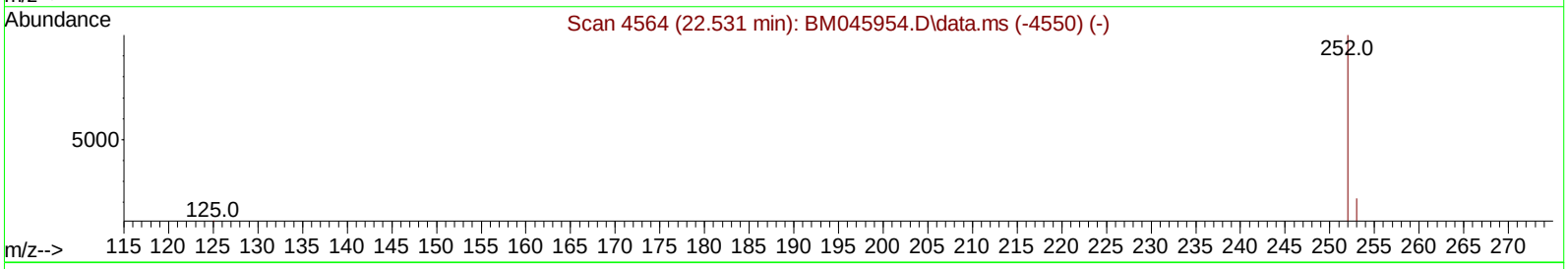
Instrument :
BNA_M
ClientSampleId :
A4B39

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024







TIC: BM045959.D\data.ms

(24) Benzo(b)fluoranthene

22.525min (-0.012) 0.82 ng/ul m

response 30513

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.80	29.76
125.00	17.90	17.04
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045959.D
Acq On : 10 Jun 2024 20:11
Operator : MA/JU
Sample : P2642-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 10 22:48:46 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 : Mon Jun 10 22:47:12 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

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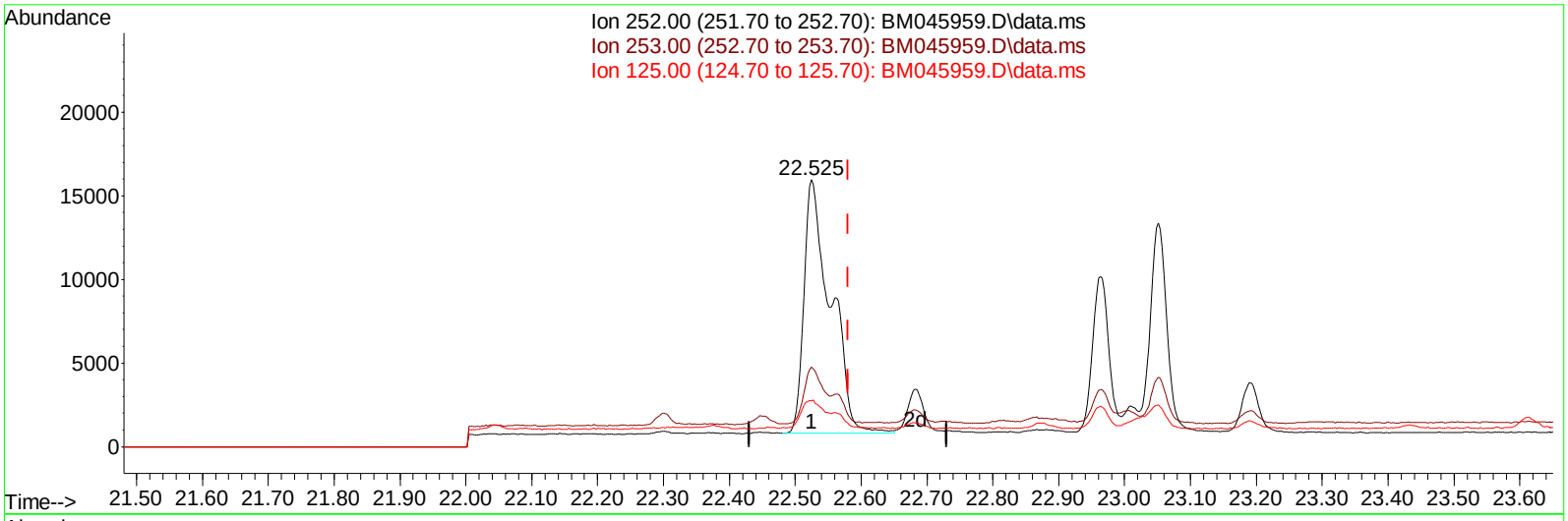

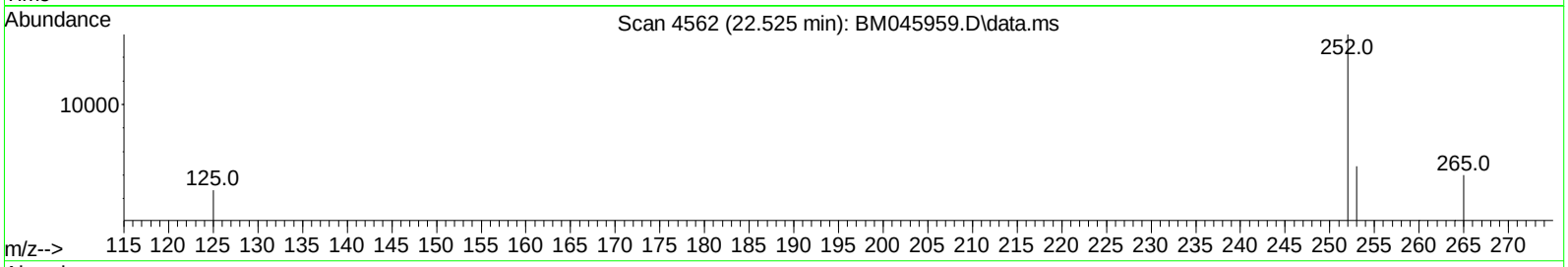

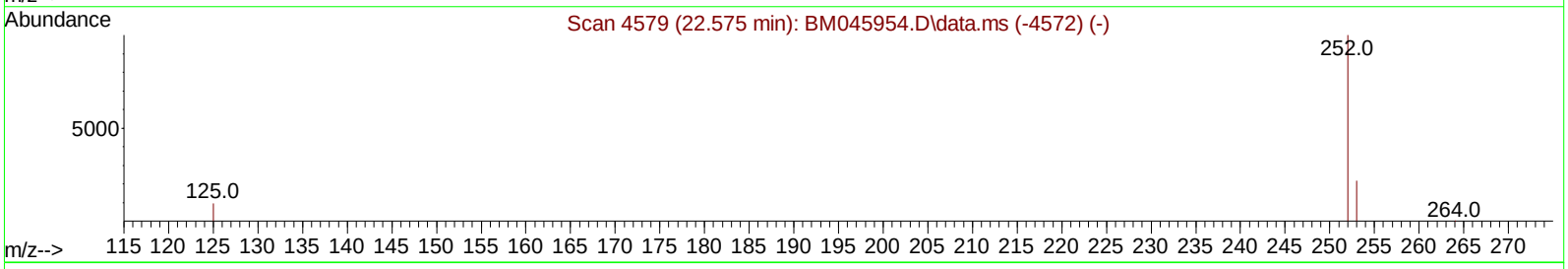

TIC: BM045959.D\data.ms

(25) Benzo(k)fluoranthene

22.525min (-0.056) 1.04 ng/ul

response 42668

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.30	29.76
125.00	17.70	17.04
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045959.D
Acq On : 10 Jun 2024 20:11
Operator : MA/JU
Sample : P2642-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 10 22:48:46 2024
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Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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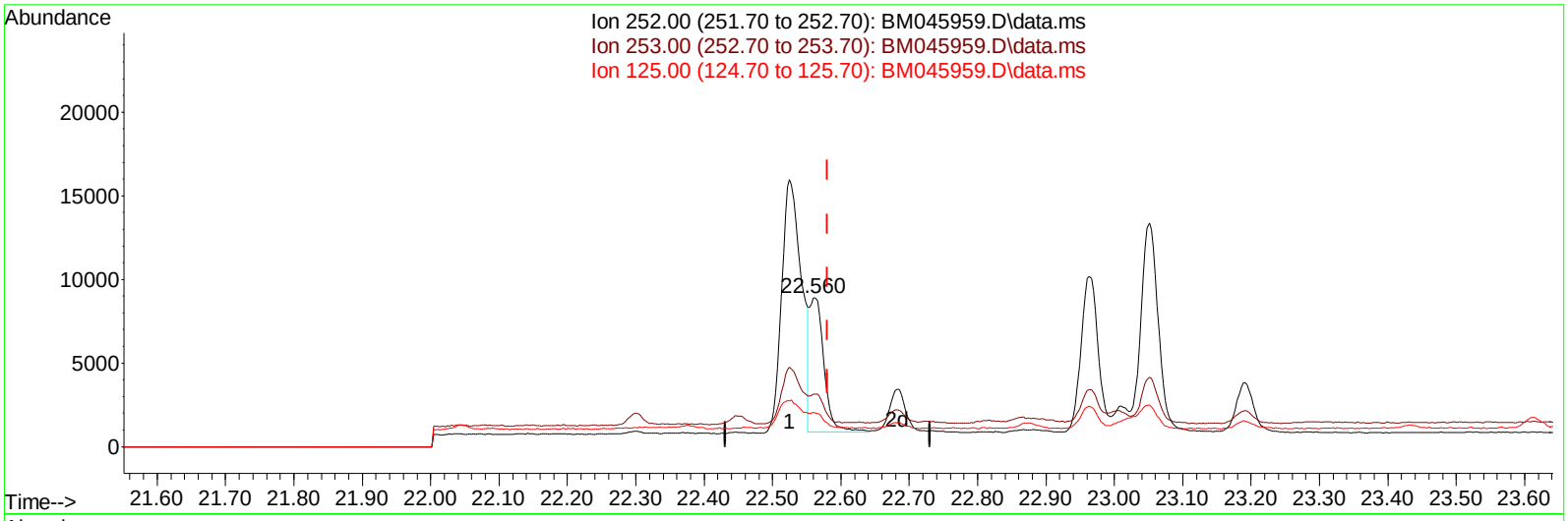

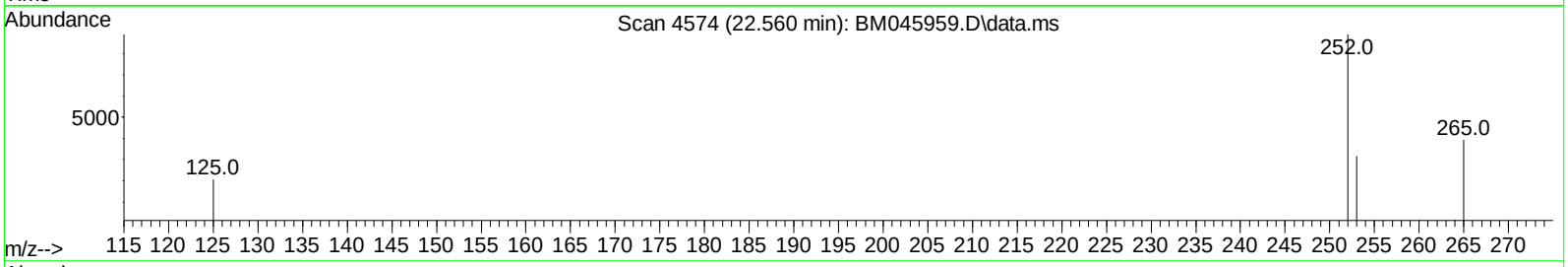

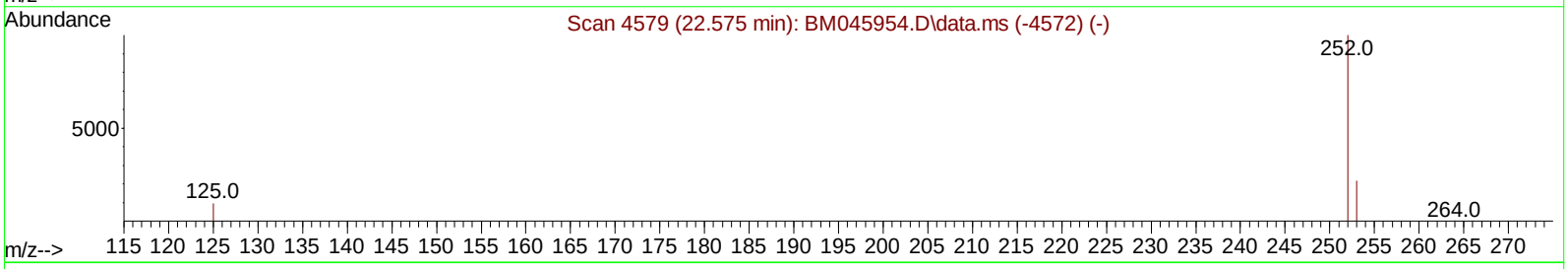

TIC: BM045959.D\data.ms

(25) Benzo(k)fluoranthene

22.560min (-0.021) 0.29 ng/ul m

response 11791

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.30	35.40
125.00	17.70	23.20#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.459	152	4680	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.227	136	15181	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.104	164	7468	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.846	188	14308m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.043	240	10455m	0.400	ng/ul	0.00
23) Perylene-d12	23.148	264	11274m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.054	96	19804	3.715	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.844	152	4564	0.209	ng/ul	0.00
18) Fluoranthene-d10	18.877	212	7641	0.244	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.277	128	1168	0.029	ng/ul#	77
10) Acenaphthylene	13.822	152	2186	0.064	ng/ul#	88
11) Acenaphthene	14.169	153	1594	0.064	ng/ul	97
12) Fluorene	15.154	166	1742	0.062	ng/ul#	97
15) Phenanthrene	16.888	178	29844m	0.743	ng/ul	
16) Anthracene	16.977	178	5770m	0.168	ng/ul	
19) Fluoranthene	18.909	202	50426	1.210	ng/ul	97
20) Pyrene	19.272	202	48547	1.116	ng/ul	97
21) Benzo(a)anthracene	21.026	228	21040	0.548	ng/ul	97
22) Chrysene	21.078	228	23776	0.569	ng/ul	98
24) Benzo(b)fluoranthene	22.525	252	30513m	0.816	ng/ul	
25) Benzo(k)fluoranthene	22.560	252	11791m	0.287	ng/ul	
26) Benzo(a)pyrene	23.051	252	21987	0.591	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	25.205	276	16083	0.334	ng/ul	91
28) Dibenzo(a,h)anthracene	25.209	278	3752	0.098	ng/ul#	61
29) Benzo(g,h,i)perylene	25.836	276	17372	0.419	ng/ul	100

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

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