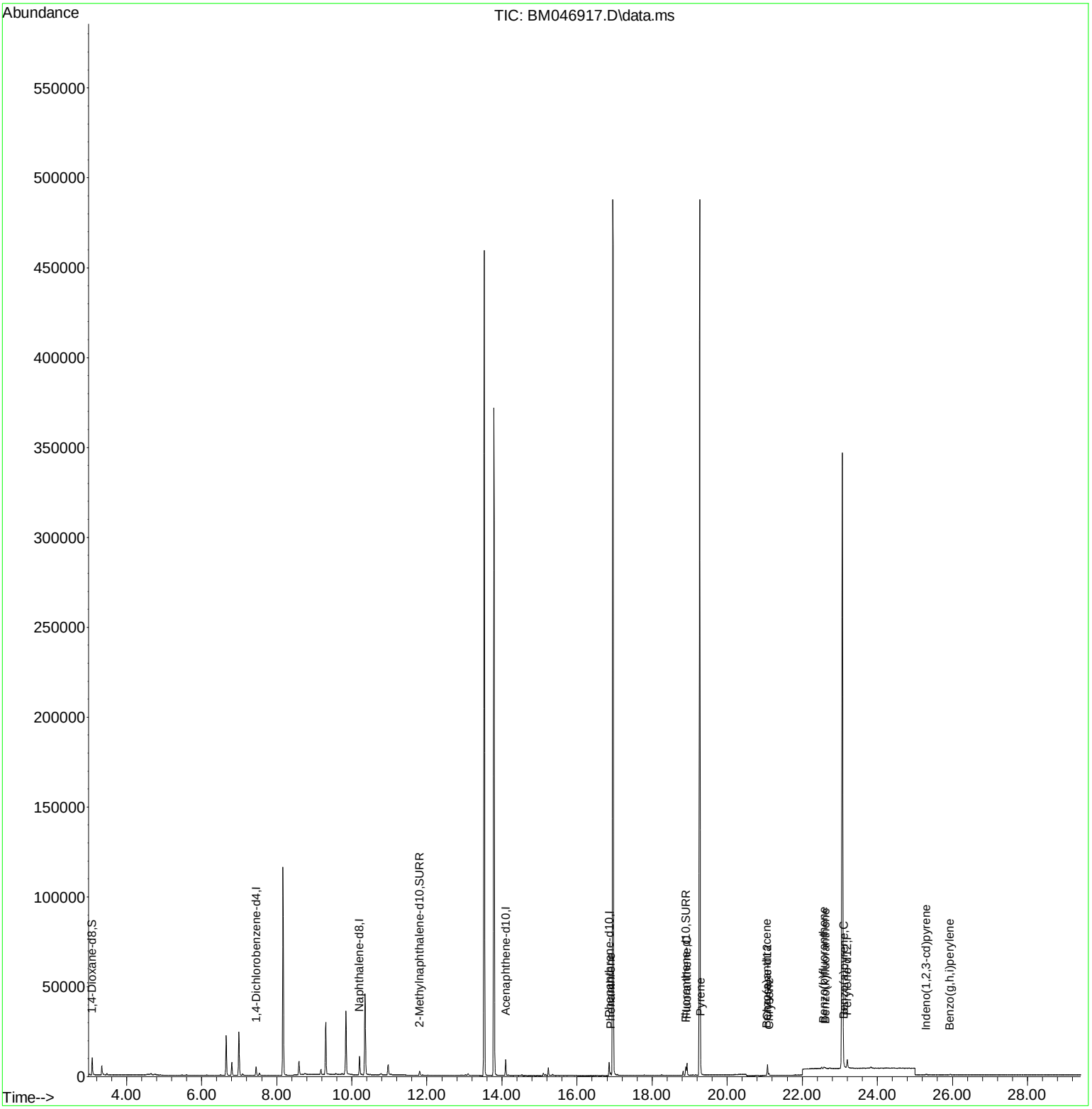
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
Data File : BM046917.D
Acq On : 30 Jul 2024 12:15
Operator : MA/JU
Sample : P3336-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Jul 30 13:33:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 04:18:24 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F7E30

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



Quantitation Report (Qedit)

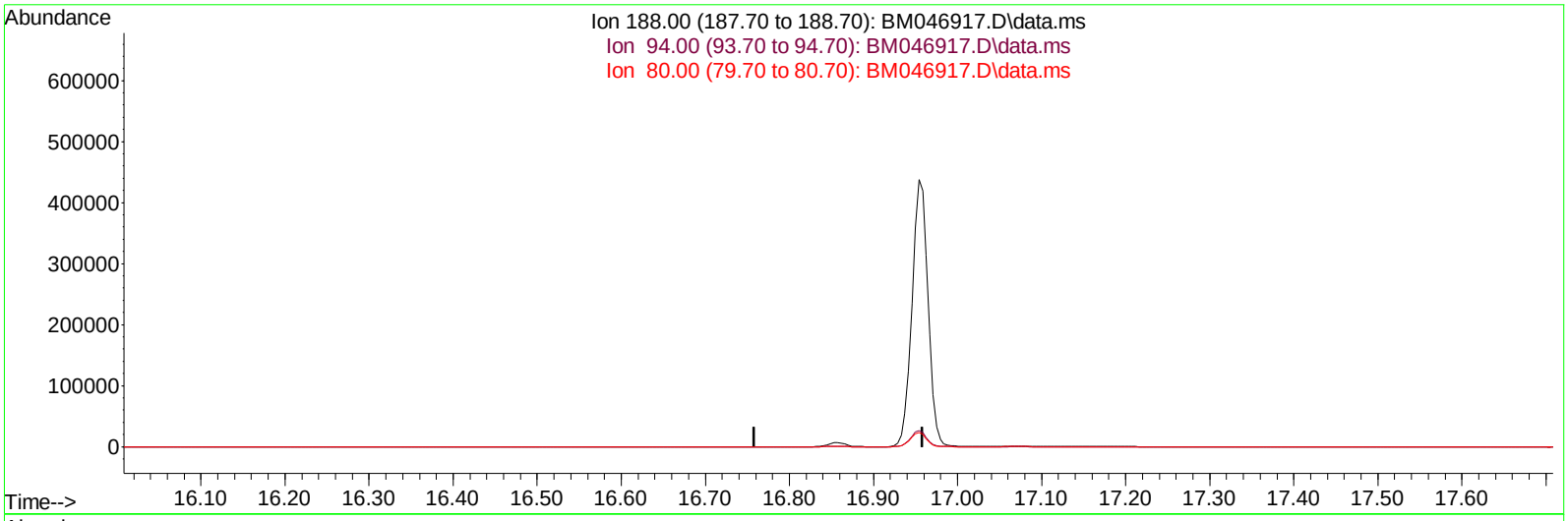
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
Data File : BM046917.D
Acq On : 30 Jul 2024 12:15
Operator : MA/JU
Sample : P3336-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

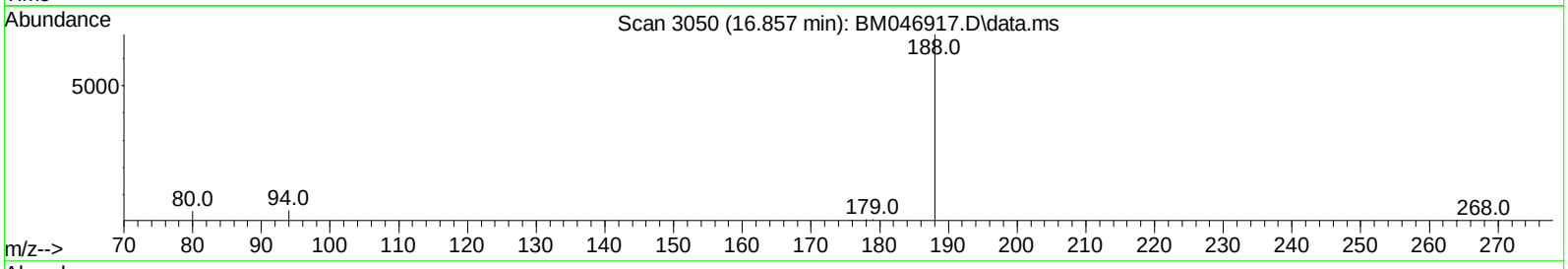
Quant Time: Aug 08 01:51:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 04:18:24 2024
Response via : Initial Calibration

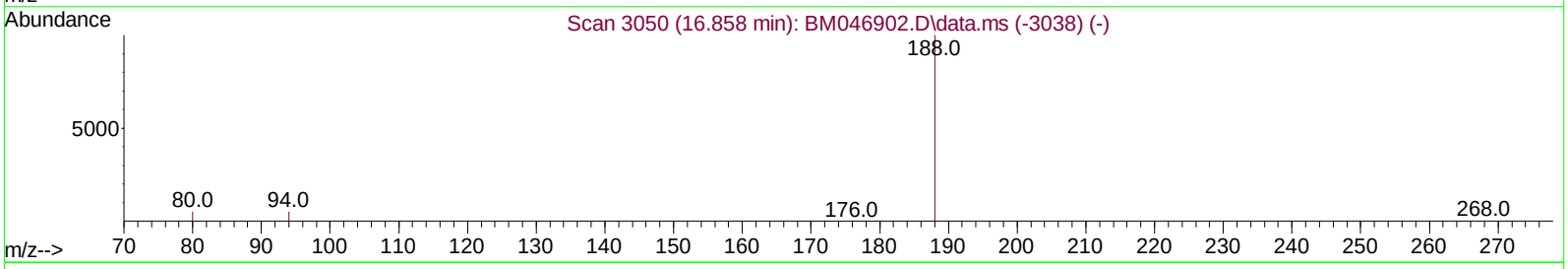
Instrument :
BNA_M
ClientSampleId :
F7E30

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 08/03/2024







TIC: BM046917.D\data.ms

(13) Phenanthrene-d10 (I)

16.858min (-16.858) 0.00 ng/ul

response 0

Ion	Exp%	Act%
188.00	100.00	0.00
94.00	6.60	0.00#
80.00	6.30	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
Data File : BM046917.D
Acq On : 30 Jul 2024 12:15
Operator : MA/JU
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Misc :
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Quant Time: Jul 30 13:33:52 2024
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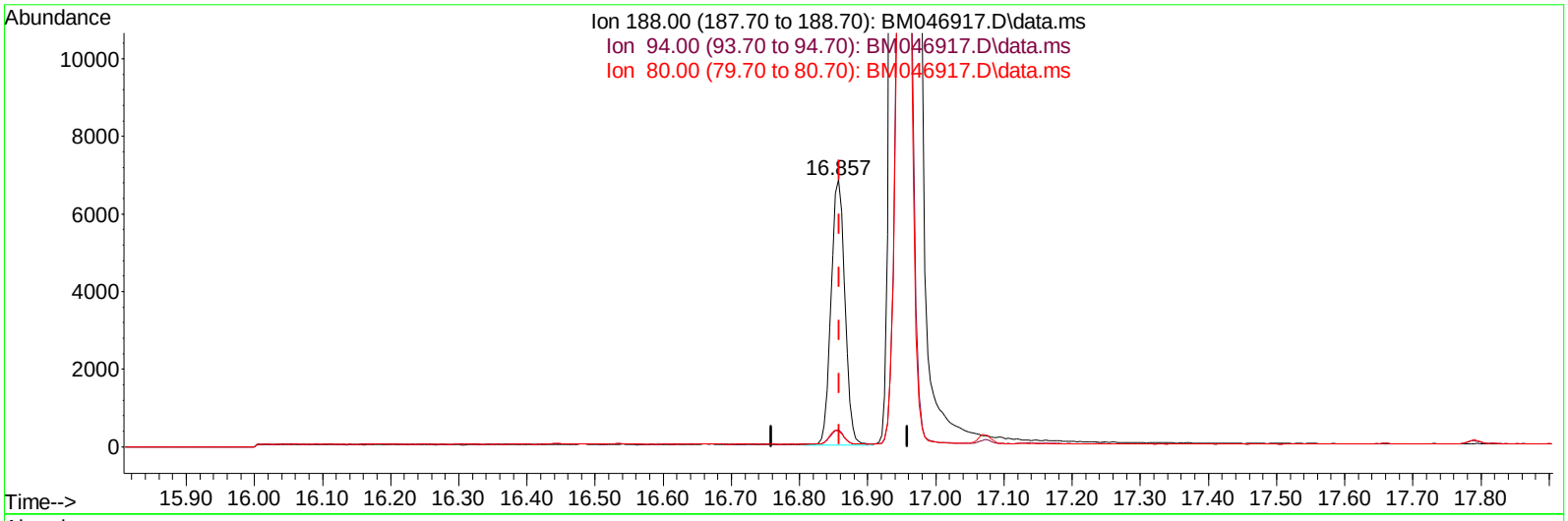
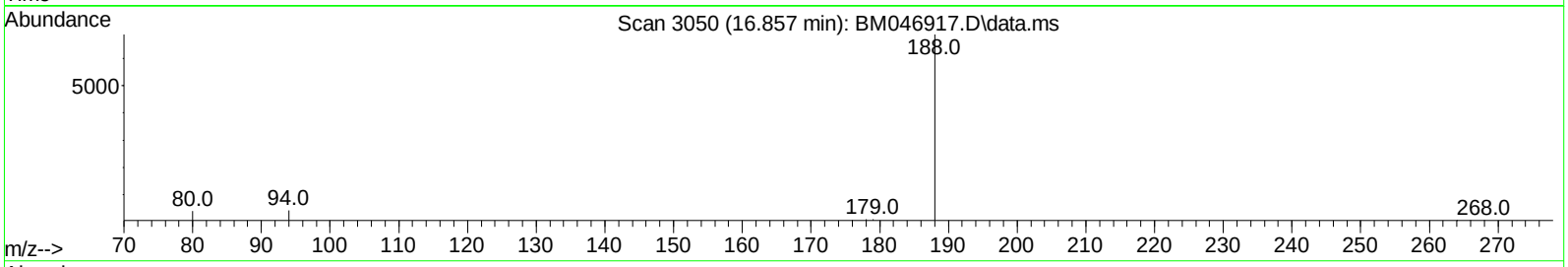
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 04:18:24 2024
Response via : Initial Calibration

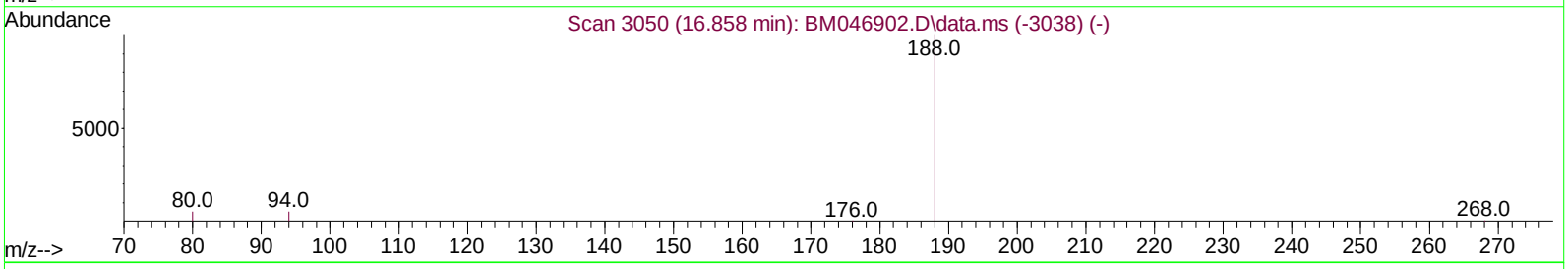
Instrument :
BNA_M
ClientSampleId :
F7E30

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 08/03/2024







TIC: BM046917.D\data.ms

(13) Phenanthrene-d10 (I)

16.857min (-0.001) 0.40 ng/ul m

response 9592

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	6.60	6.21
80.00	6.30	5.84
0.00	0.00	0.00

Quantitation Report (Qedit)

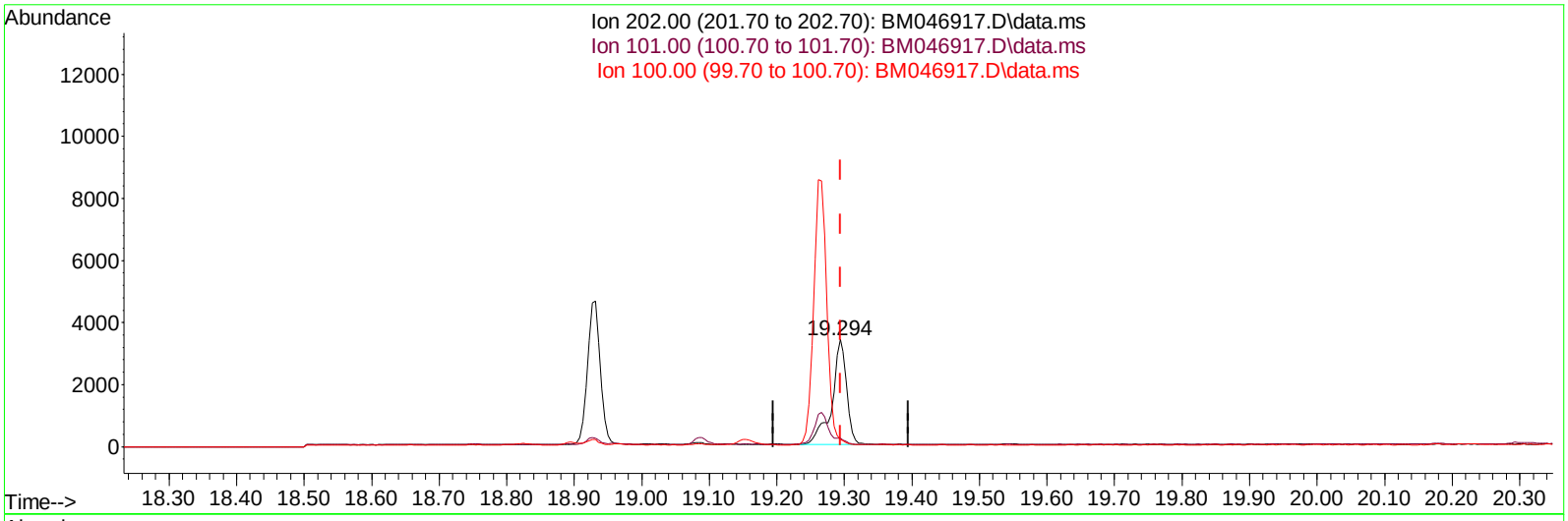
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
Data File : BM046917.D
Acq On : 30 Jul 2024 12:15
Operator : MA/JU
Sample : P3336-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

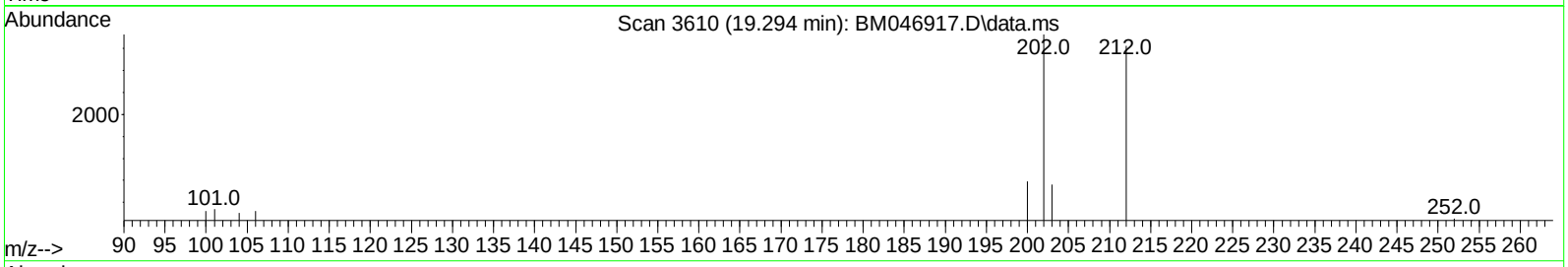
Quant Time: Aug 08 01:51:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 04:18:24 2024
Response via : Initial Calibration

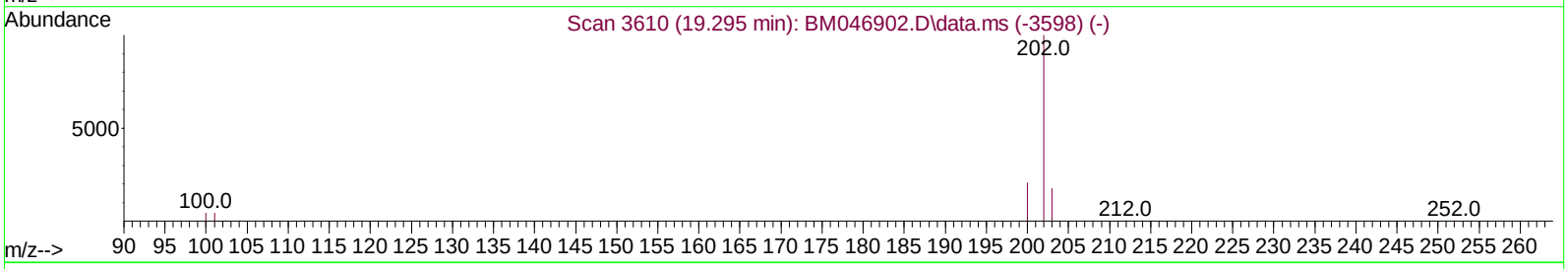
Instrument :
BNA_M
ClientSampleId :
F7E30

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 08/03/2024







TIC: BM046917.D\data.ms

(20) Pyrene

19.294min (-0.001) 0.20 ng/ul

response 5275

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	6.50	8.02#
100.00	5.40	6.95#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
Data File : BM046917.D
Acq On : 30 Jul 2024 12:15
Operator : MA/JU
Sample : P3336-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

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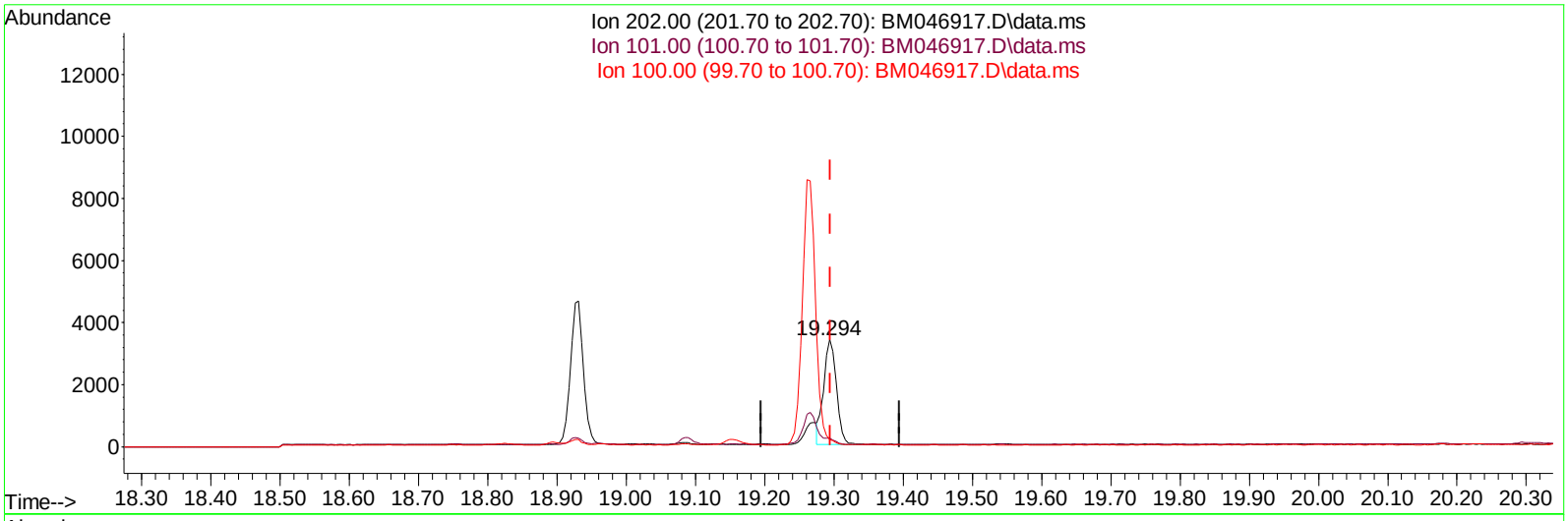
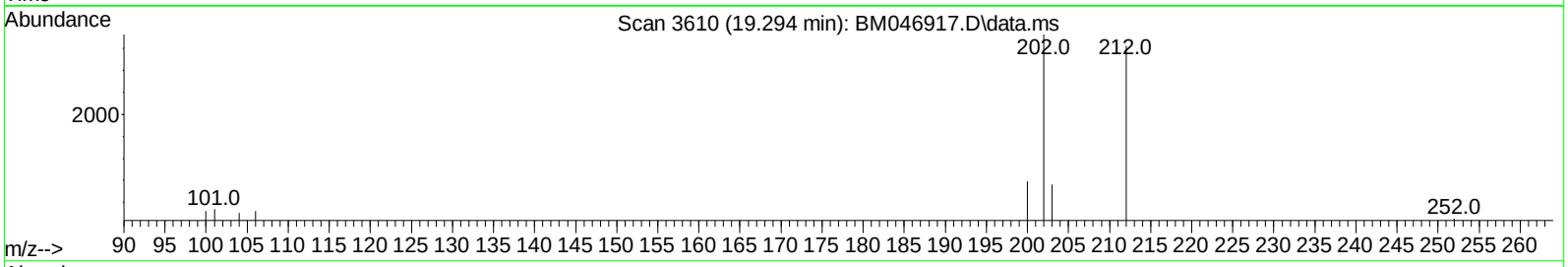
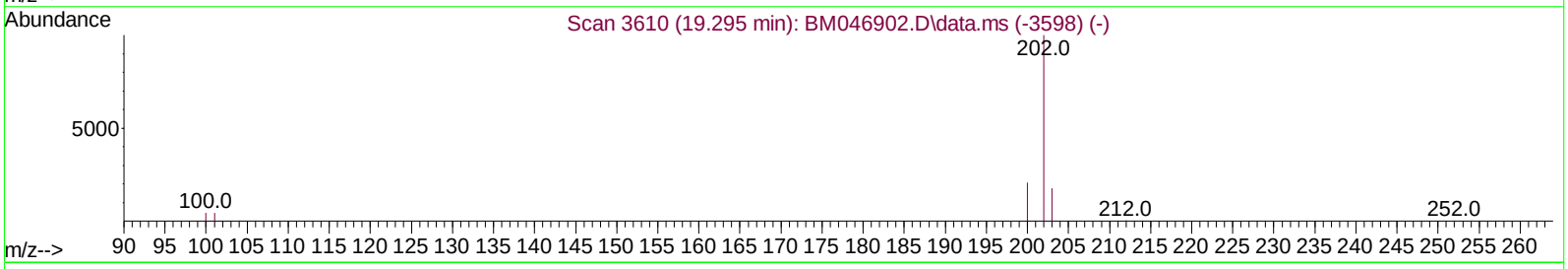
Instrument :
BNA_M
ClientSampleId :
F7E30

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 08/03/2024







TIC: BM046917.D\data.ms

(20) Pyrene

19.294min (-0.001) 0.17 ng/ul m

response 4383

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	6.50	8.02#
100.00	5.40	6.95#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
Data File : BM046917.D
Acq On : 30 Jul 2024 12:15
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BNA_M
ClientSampleId :
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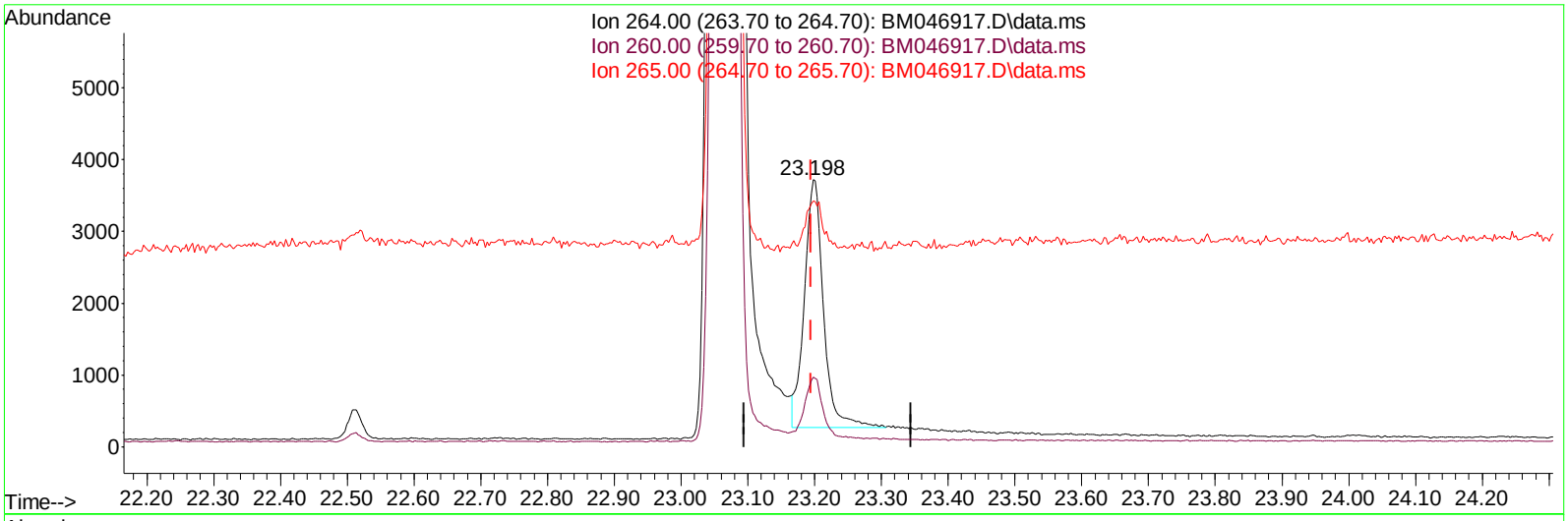
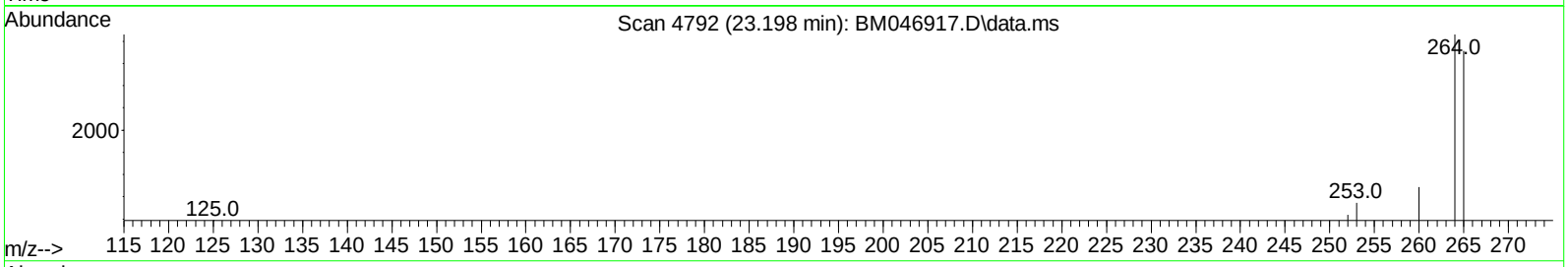
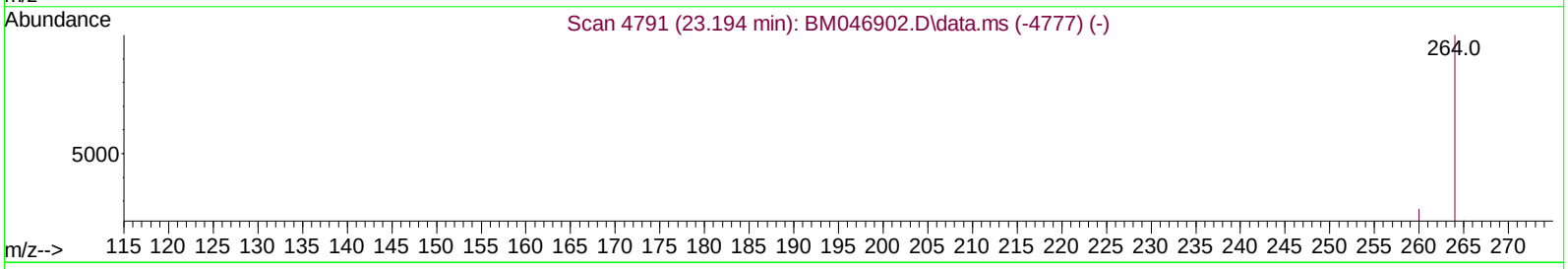
Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 08/03/2024







TIC: BM046917.D\data.ms

(23) Perylene-d12 (I)

23.198min (+ 0.003) 0.40 ng/ul

response 6885

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.10	26.13
265.00	89.90	92.18
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
Data File : BM046917.D
Acq On : 30 Jul 2024 12:15
Operator : MA/JU
Sample : P3336-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Jul 30 13:33:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
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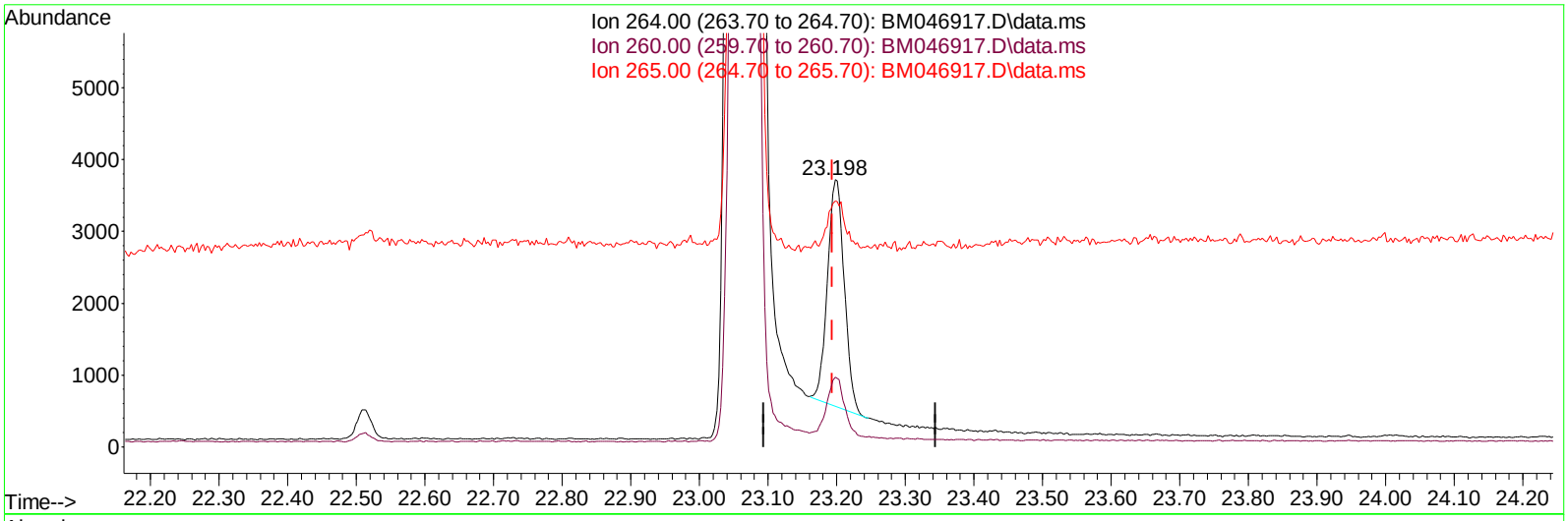
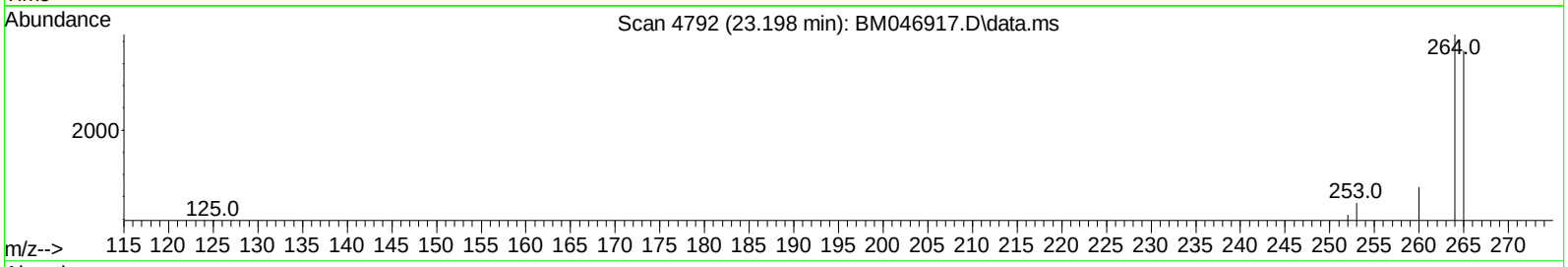
Response via : Initial Calibration

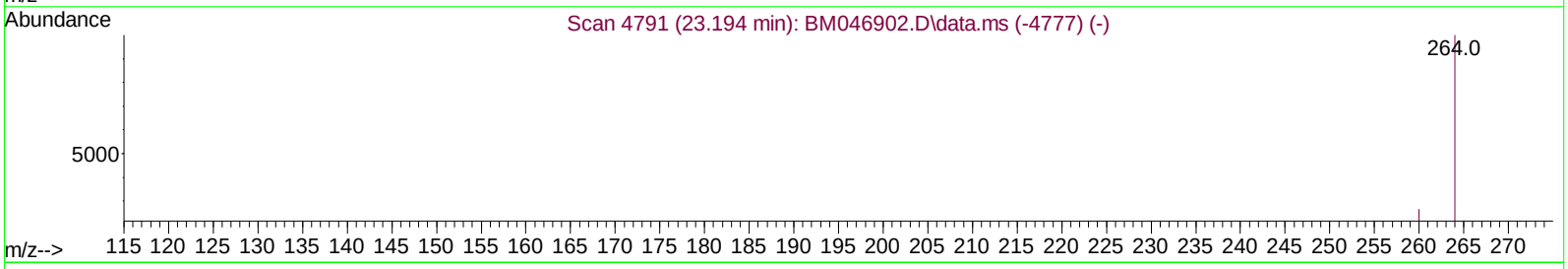
Instrument :
BNA_M
ClientSampleId :
F7E30

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 08/03/2024







TIC: BM046917.D\data.ms

(23) Perylene-d12 (I)

23.198min (+ 0.003) 0.40 ng/ul m

response 5361

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.10	26.13
265.00	89.90	92.18
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
Data File : BM046917.D
Acq On : 30 Jul 2024 12:15
Operator : MA/JU
Sample : P3336-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Jul 30 13:33:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 04:18:24 2024
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BNA_M
ClientSampleId :
F7E30

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/30/2024
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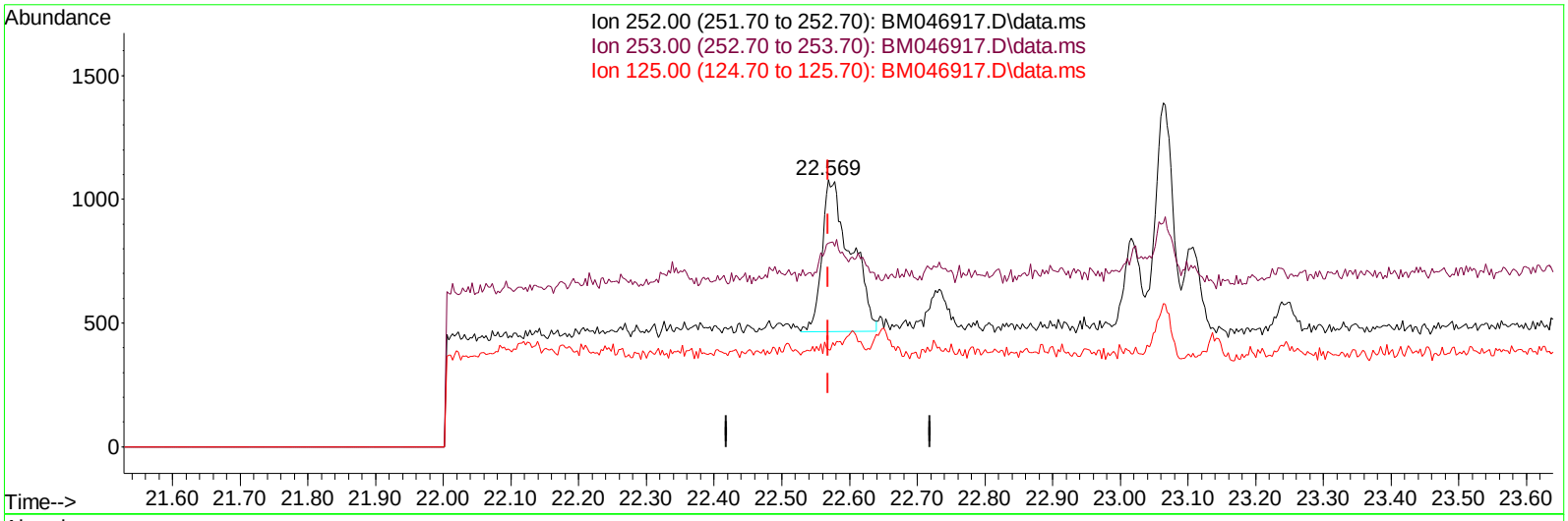

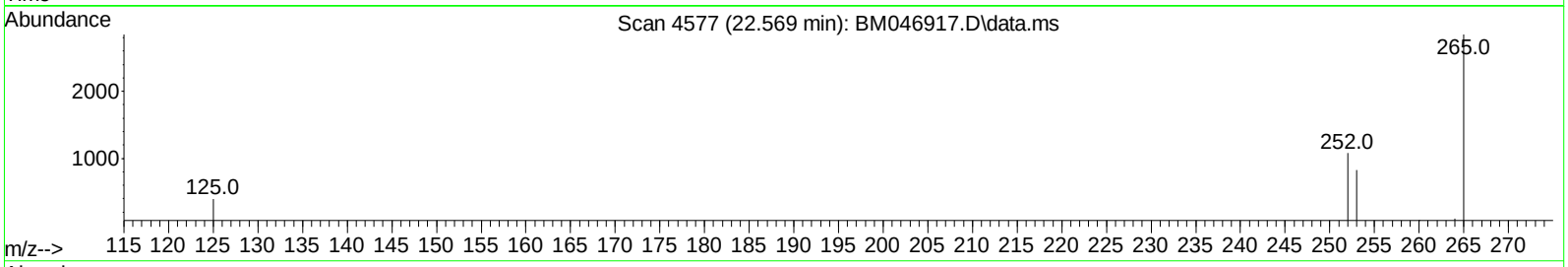

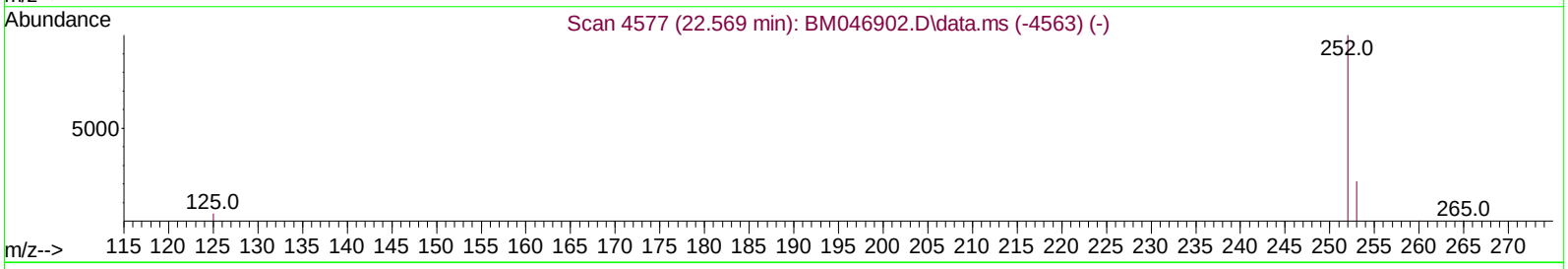

TIC: BM046917.D\data.ms

(24) Benzo(b)fluoranthene

22.569min (+ 0.000) 0.08 ng/ul

response 1810

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	76.27#
125.00	7.90	36.52#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
Data File : BM046917.D
Acq On : 30 Jul 2024 12:15
Operator : MA/JU
Sample : P3336-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Jul 30 13:33:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 04:18:24 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/30/2024
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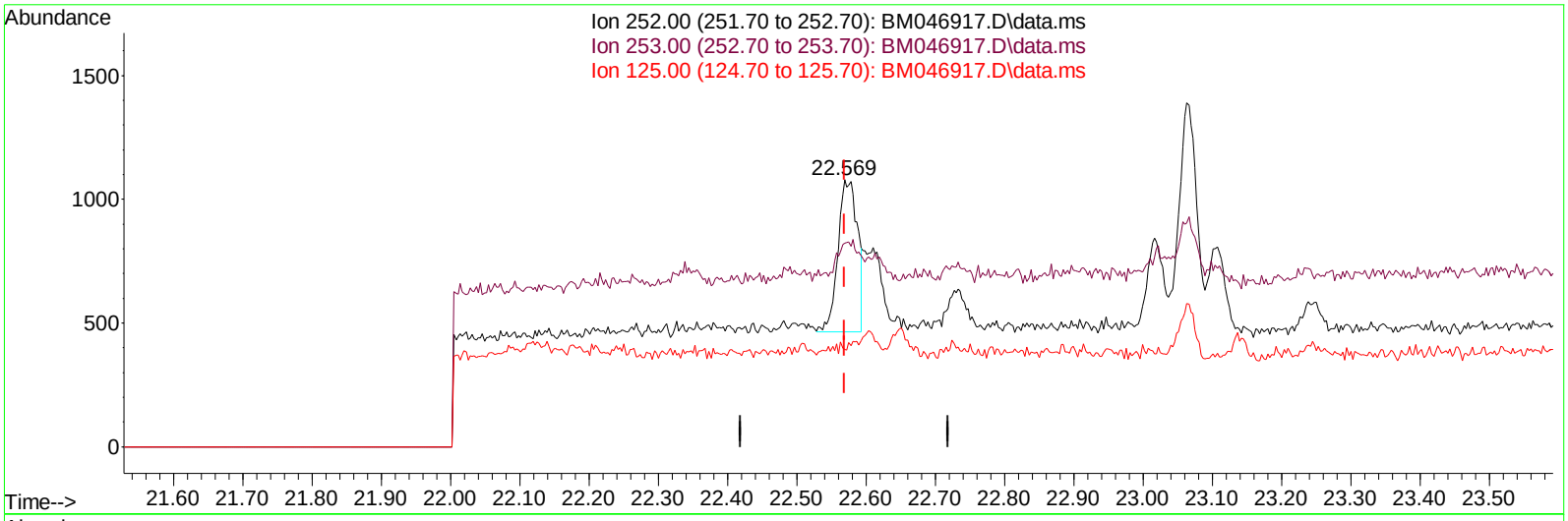
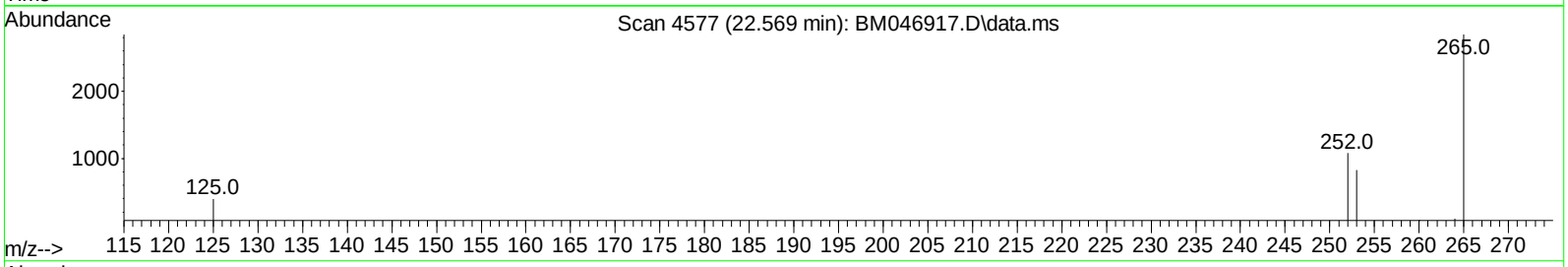
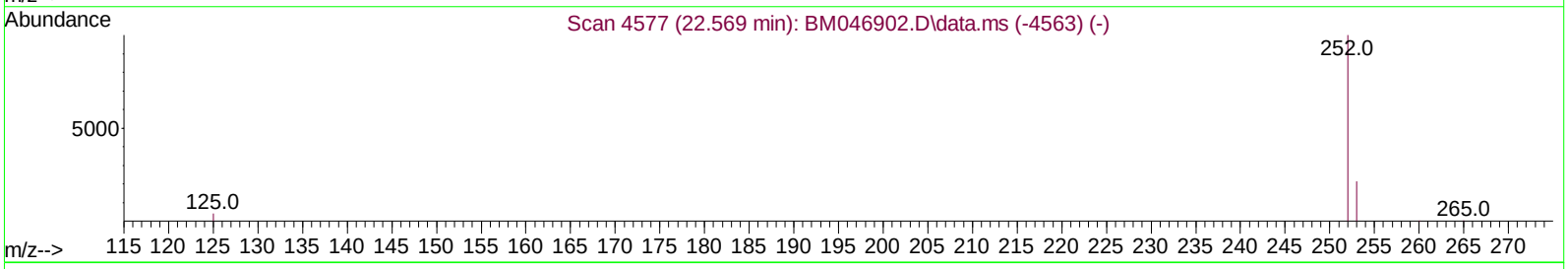






TIC: BM046917.D\data.ms

(24) Benzo(b)fluoranthene

22.569min (+ 0.000) 0.05 ng/ul m

response 1196

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	76.27#
125.00	7.90	36.52#
0.00	0.00	0.00

Quantitation Report (Qedit)

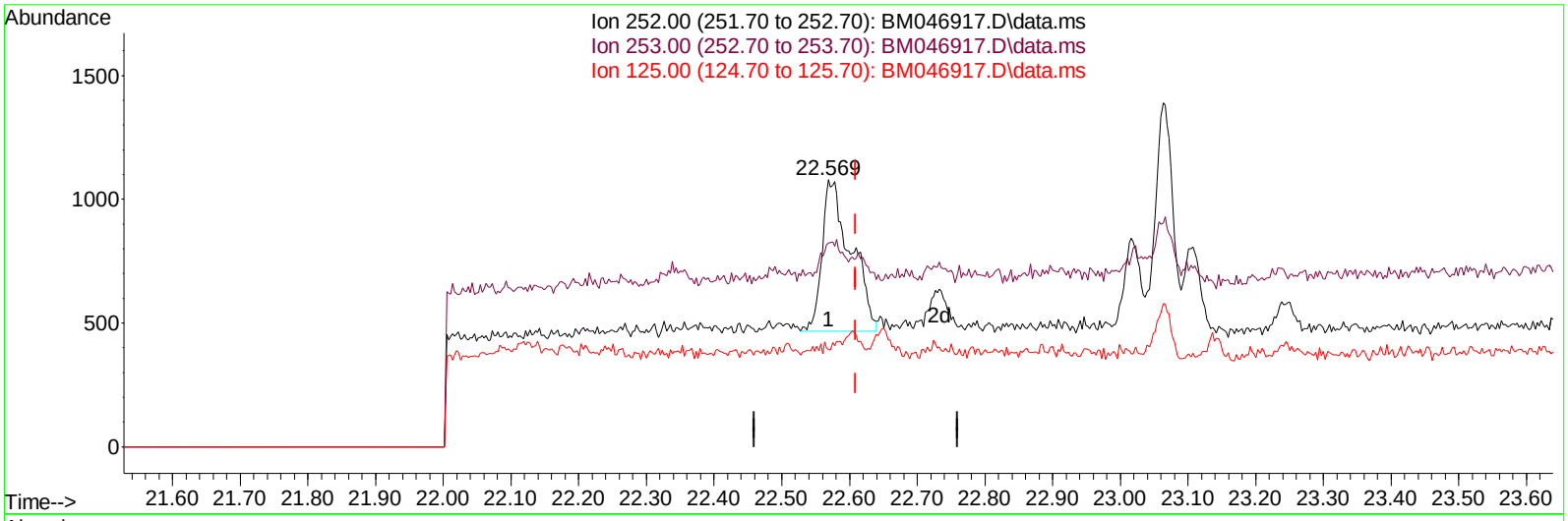
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
Data File : BM046917.D
Acq On : 30 Jul 2024 12:15
Operator : MA/JU
Sample : P3336-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

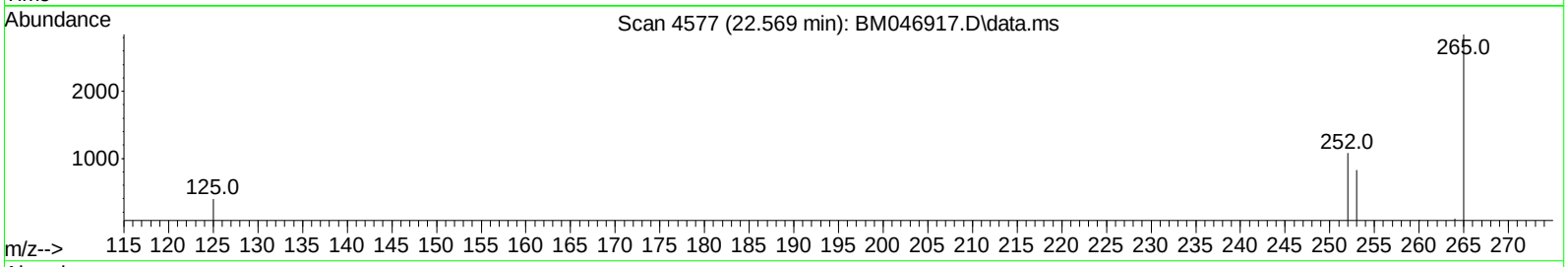
Quant Time: Jul 30 13:33:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 04:18:24 2024
Response via : Initial Calibration

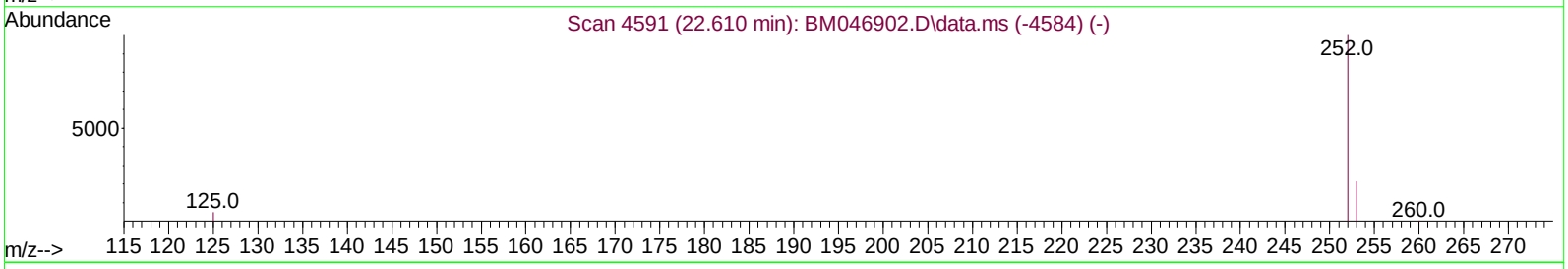
Instrument :
BNA_M
ClientSampleId :
F7E30

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 08/03/2024







TIC: BM046917.D\data.ms

(25) Benzo(k)fluoranthene

22.569min (-0.041) 0.08 ng/ul

response 1797

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.40	76.27#
125.00	10.80	36.52#
0.00	0.00	0.00

Quantitation Report (Qedit)

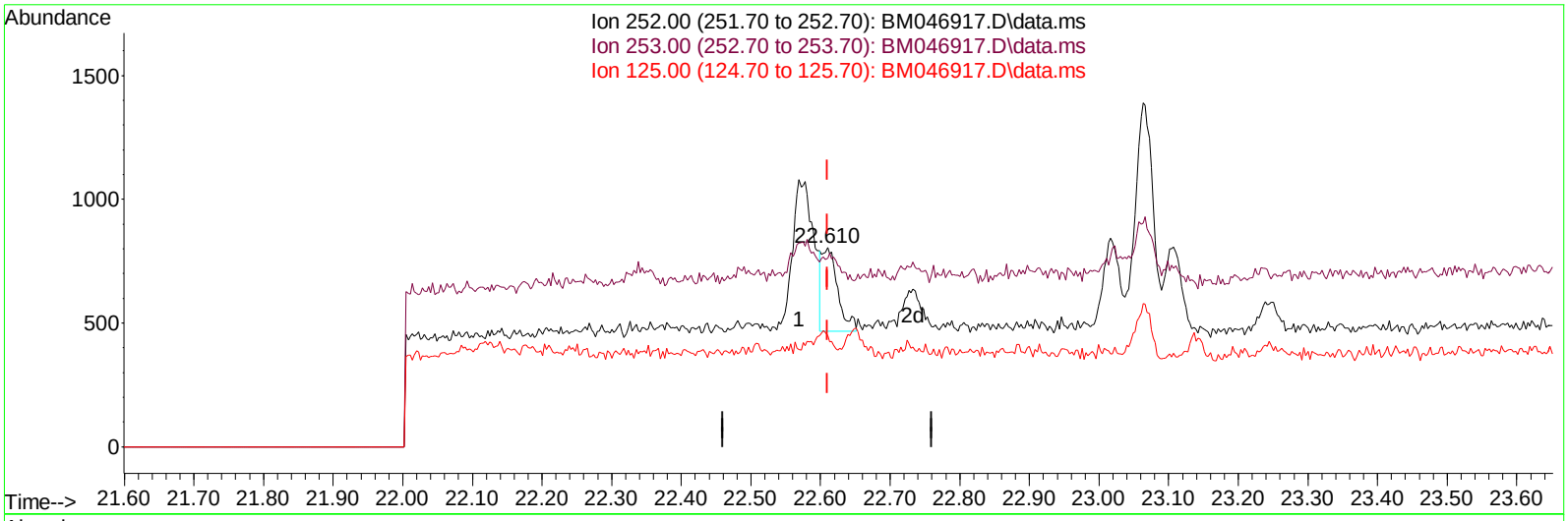
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
Data File : BM046917.D
Acq On : 30 Jul 2024 12:15
Operator : MA/JU
Sample : P3336-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

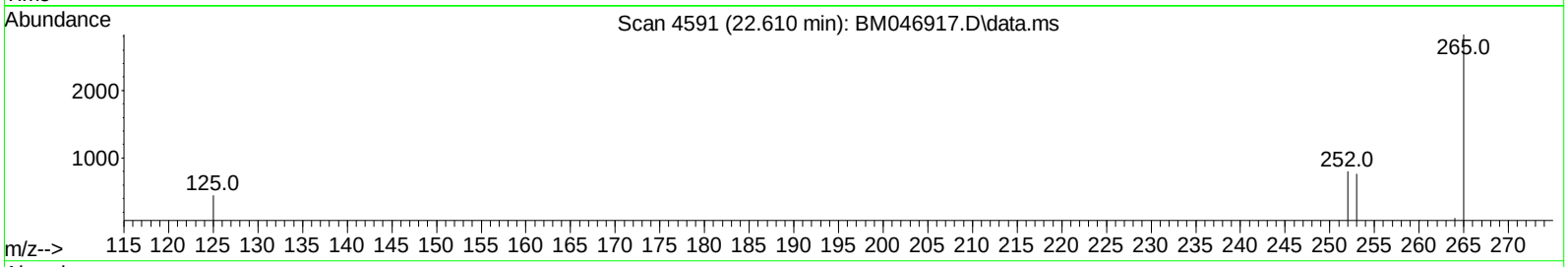
Quant Time: Jul 30 13:33:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 04:18:24 2024
Response via : Initial Calibration

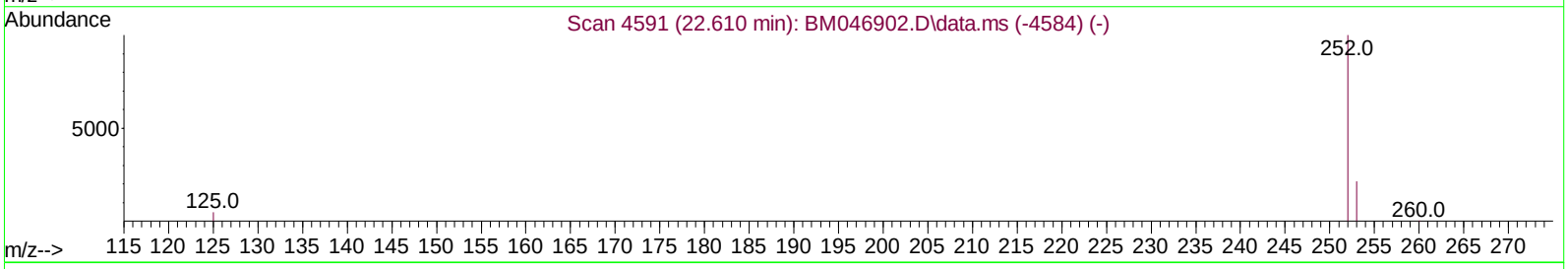
Instrument :
BNA_M
ClientSampleId :
F7E30

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 08/03/2024







TIC: BM046917.D\data.ms

(25) Benzo(k)fluoranthene

22.610min (+ 0.000) 0.02 ng/ul m

response 535

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.40	94.67#
125.00	10.80	55.71#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
Data File : BM046917.D
Acq On : 30 Jul 2024 12:15
Operator : MA/JU
Sample : P3336-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Jul 30 13:33:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 04:18:24 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F7E30

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 08/03/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.451	152	2357	0.400	ng/ul	0.00
4) Naphthalene-d8	10.204	136	14074	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.098	164	4716	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.857	188	9592m	0.400	ng/ul	0.00
17) Chrysene-d12	21.073	240	5702	0.400	ng/ul	0.00
23) Perylene-d12	23.198	264	5361m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	5622	3.407	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.810	152	3024	0.135	ng/ul	0.00
18) Fluoranthene-d10	18.899	212	5646	0.304	ng/ul	0.00
Target Compounds						Qvalue
15) Phenanthrene	16.895	178	1694	0.061	ng/ul#	91
19) Fluoranthene	18.931	202	6123	0.245	ng/ul	99
20) Pyrene	19.294	202	4383m	0.169	ng/ul	
21) Benzo(a)anthracene	21.059	228	843	0.035	ng/ul#	79
22) Chrysene	21.111	228	1004	0.042	ng/ul#	80
24) Benzo(b)fluoranthene	22.569	252	1196m	0.051	ng/ul	
25) Benzo(k)fluoranthene	22.610	252	535m	0.023	ng/ul	
26) Benzo(a)pyrene	23.107	252	587	0.035	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.296	276	612	0.024	ng/ul#	90
29) Benzo(g,h,i)perylene	25.930	276	585	0.026	ng/ul#	13

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