Quantitation Report (Qedit)

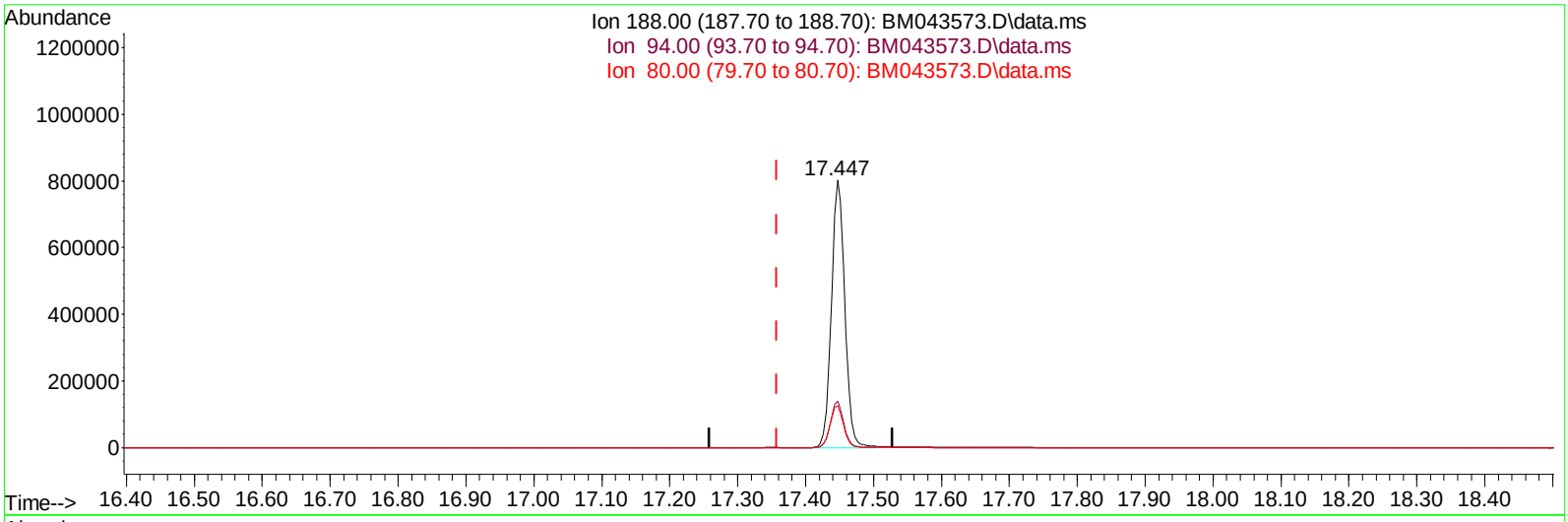
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122623\
Data File : BM043573.D
Acq On : 26 Dec 2023 15:06
Operator : MA/JU
Sample : 05976-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

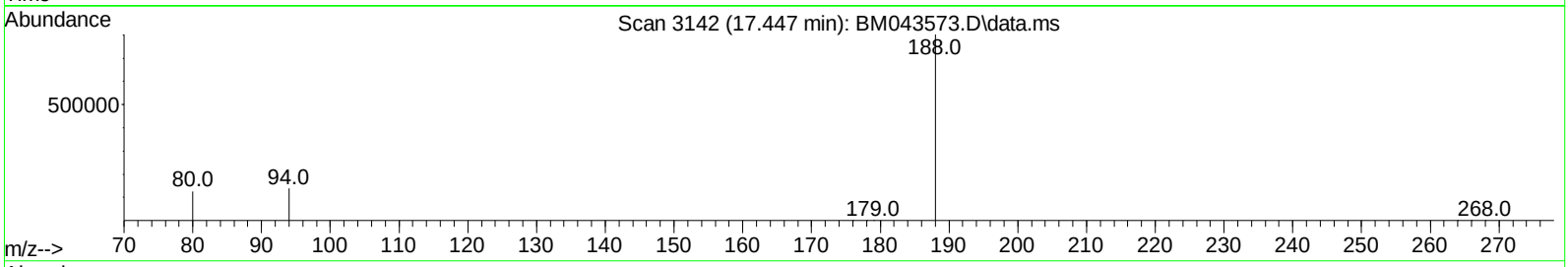
Quant Time: Dec 26 15:50:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 19 23:32:46 2023
Response via : Initial Calibration

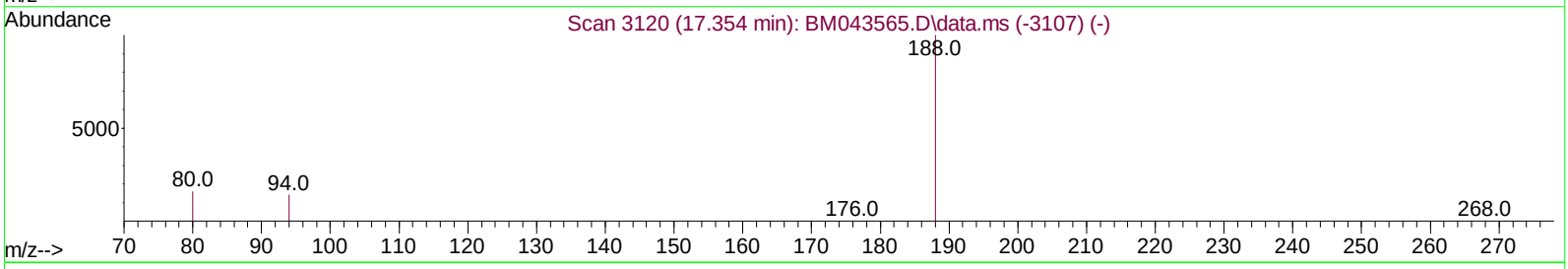
Instrument :
BNA_M
ClientSampleId :
BH7W0

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/29/2023







TIC: BM043573.D\data.ms

(13) Phenanthrene-d10 (I)

17.447min (+ 0.089) 0.40 ng/ul

response 1105881

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.30	17.27#
80.00	13.20	15.68
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122623\
Data File : BM043573.D
Acq On : 26 Dec 2023 15:06
Operator : MA/JU
Sample : 05976-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 26 15:50:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
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ClientSampleId :
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/28/2023
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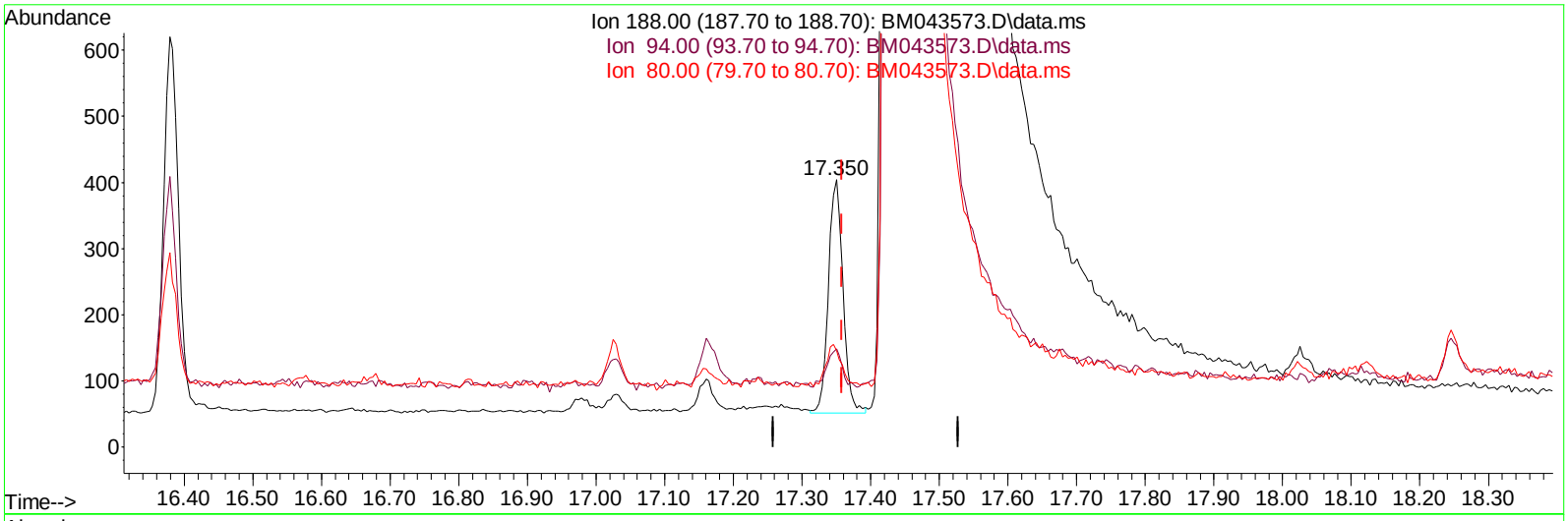

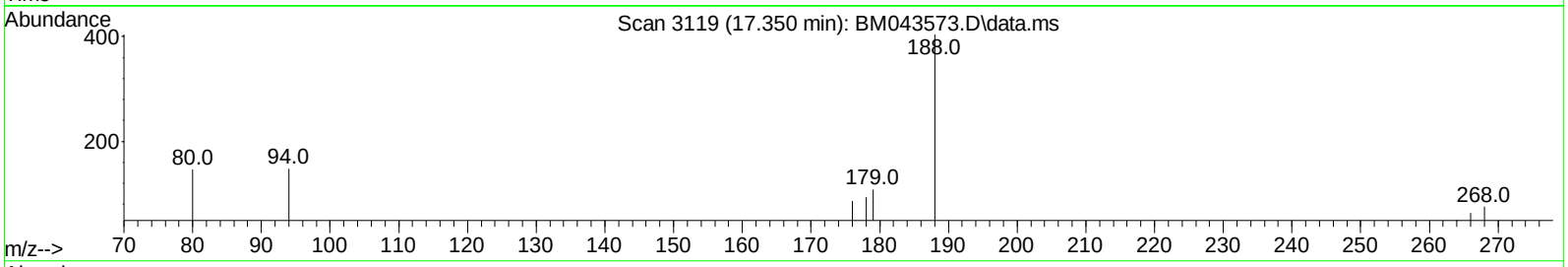

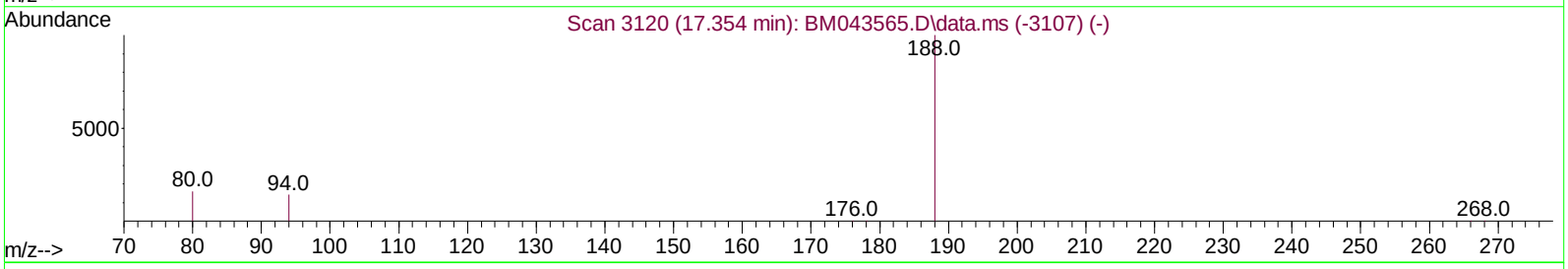

TIC: BM043573.D\data.ms

(13) Phenanthrene-d10 (I)

17.350min (-0.008) 0.40 ng/ul m

response 522

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.30	36.63#
80.00	13.20	36.14#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122623\
Data File : BM043573.D
Acq On : 26 Dec 2023 15:06
Operator : MA/JU
Sample : 05976-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 26 15:50:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 19 23:32:46 2023
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BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/28/2023
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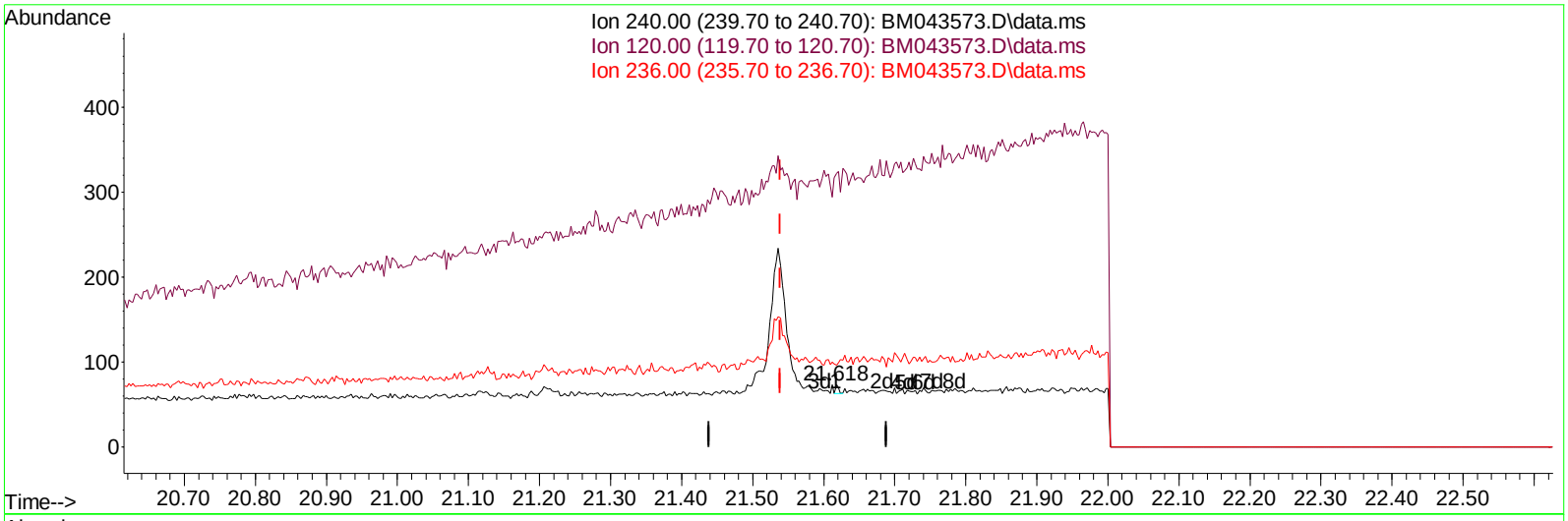

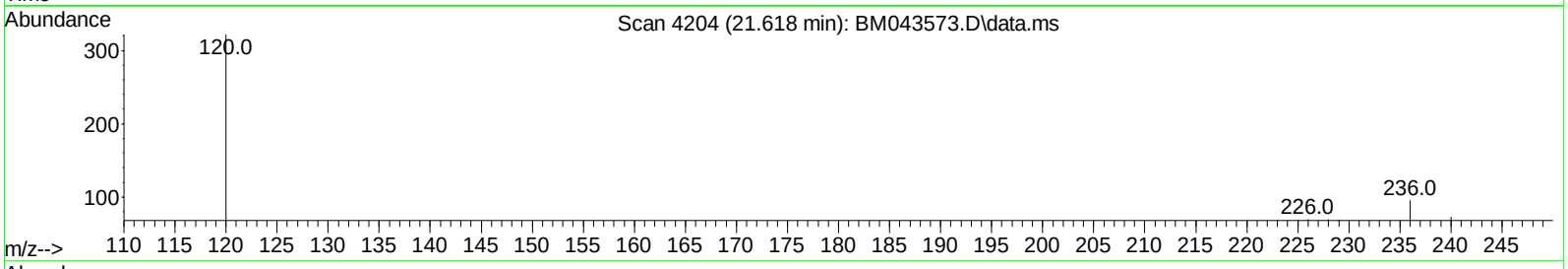

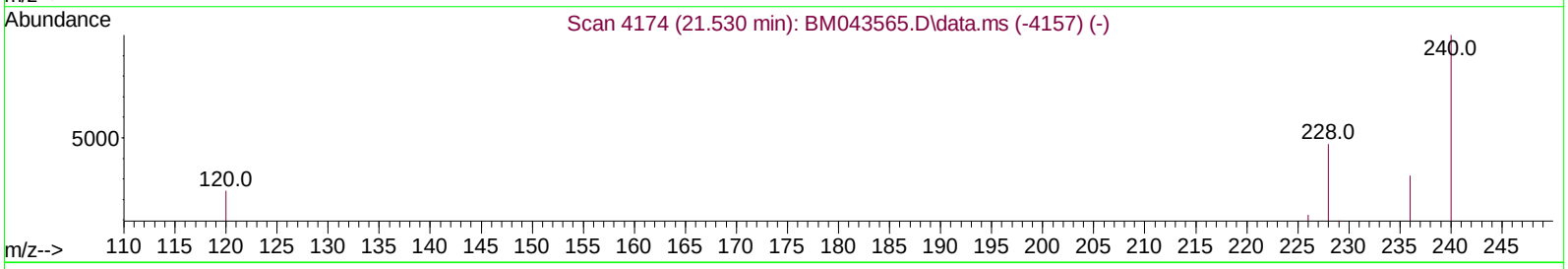

TIC: BM043573.D\data.ms

(17) Chrysene-d12

21.618min (+ 0.079) 0.40 ng/ul

response 3

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	20.60	441.10#
236.00	31.10	131.51#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122623\
Data File : BM043573.D
Acq On : 26 Dec 2023 15:06
Operator : MA/JU
Sample : 05976-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 26 15:50:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Instrument :
BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

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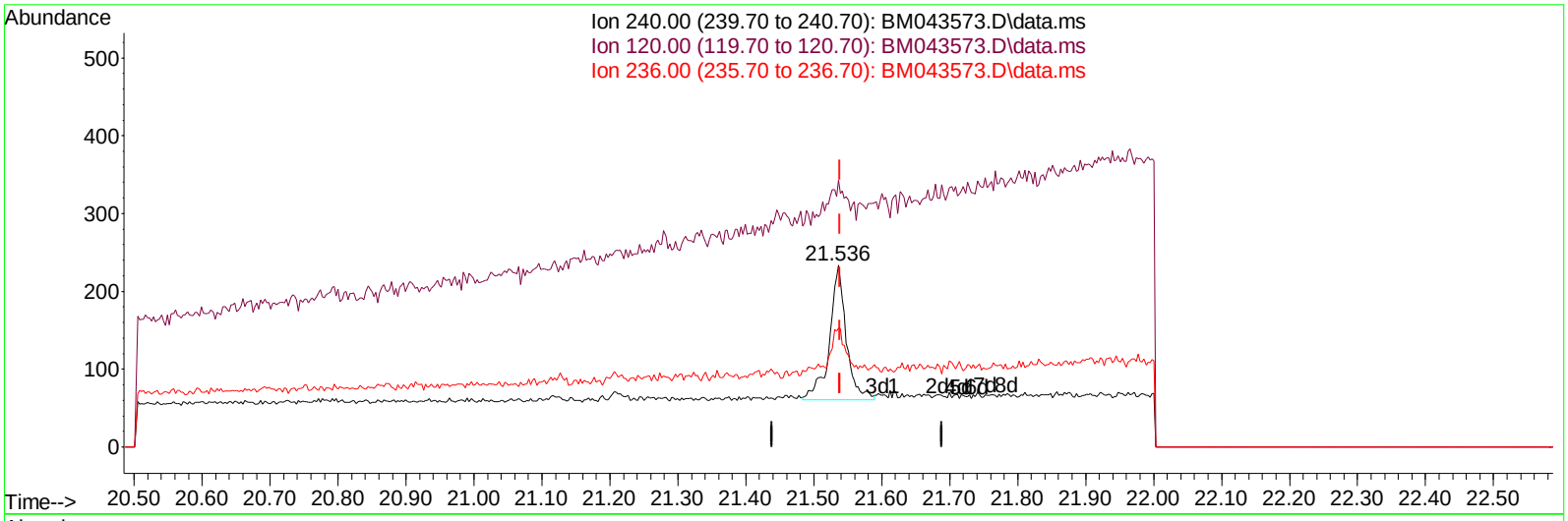

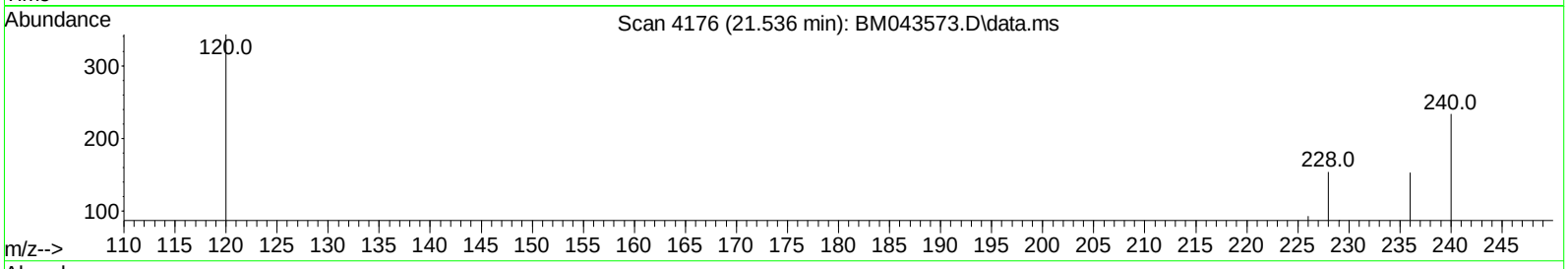

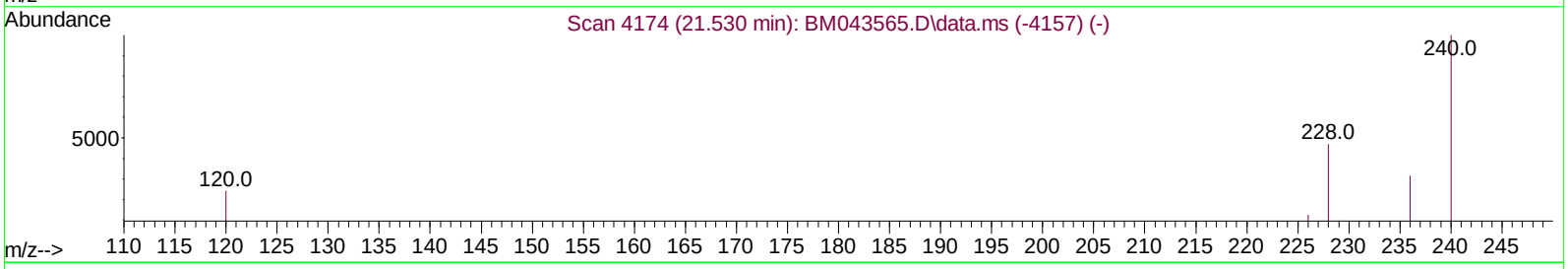

TIC: BM043573.D\data.ms

(17) Chrysene-d12

21.536min (-0.003) 0.40 ng/ul m

response 295

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	20.60	146.58#
236.00	31.10	65.38#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122623\
Data File : BM043573.D
Acq On : 26 Dec 2023 15:06
Operator : MA/JU
Sample : 05976-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 26 15:50:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
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BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

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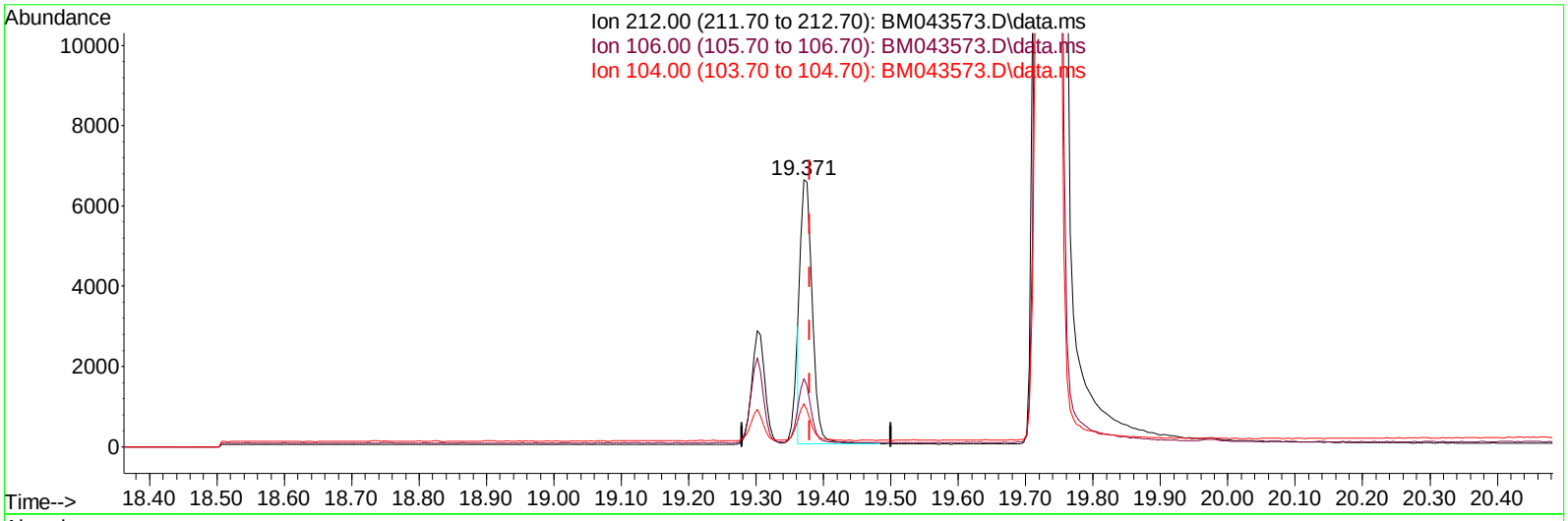
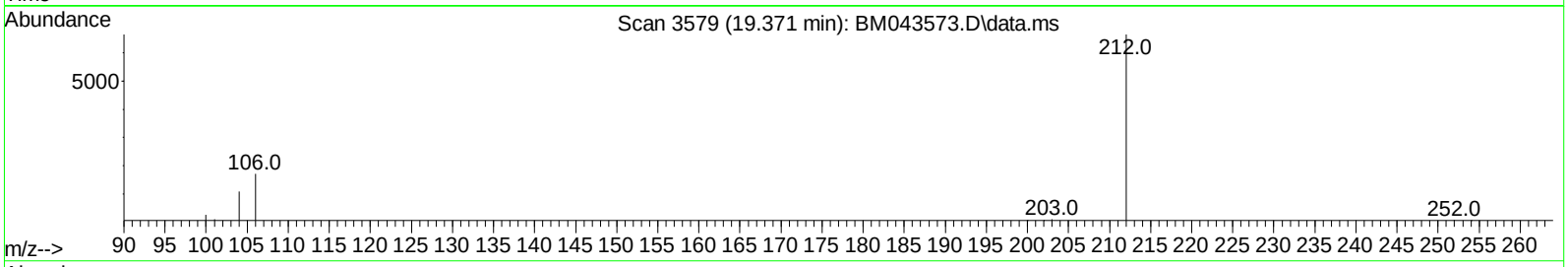
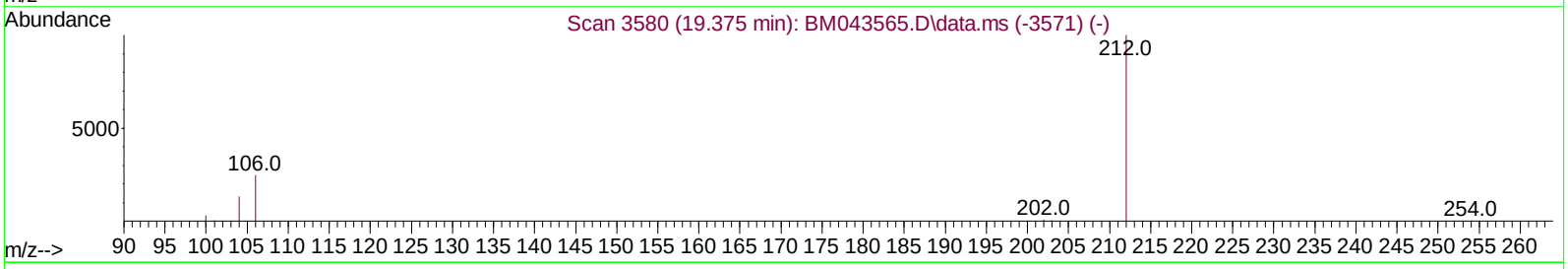






TIC: BM043573.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.371min (-0.009) 7.53 ng/ul

response 7939

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	19.40	22.62
104.00	11.00	12.44
0.00	0.00	0.00

Quantitation Report (Qedit)

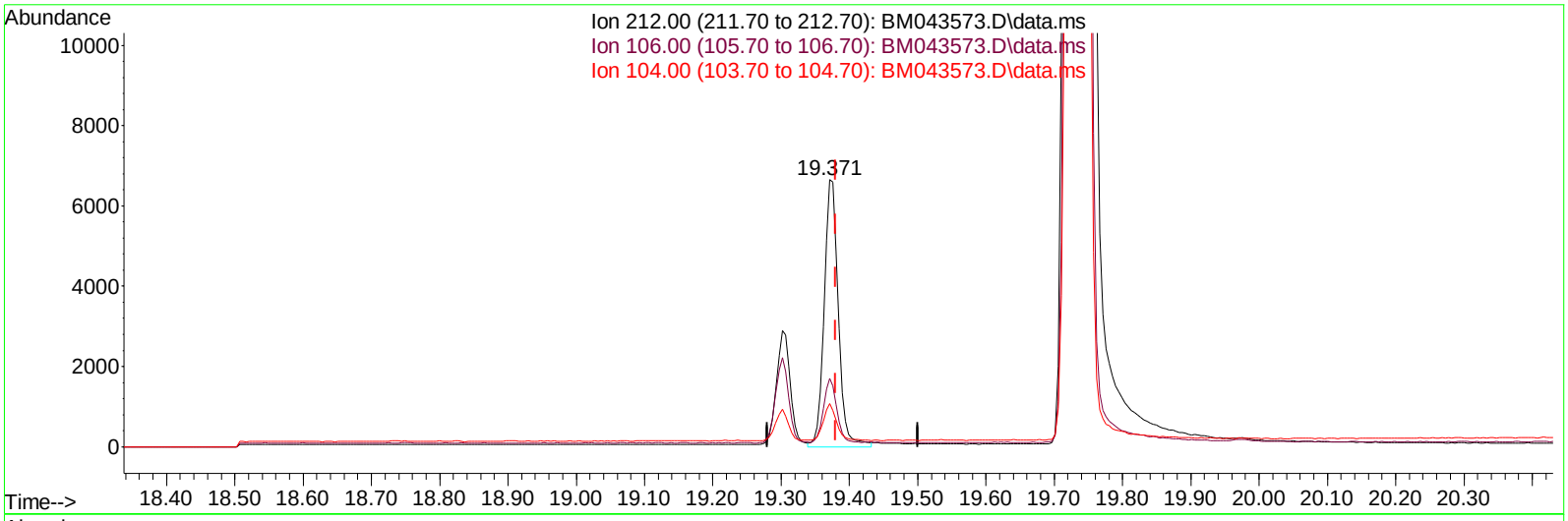
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122623\
Data File : BM043573.D
Acq On : 26 Dec 2023 15:06
Operator : MA/JU
Sample : 05976-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

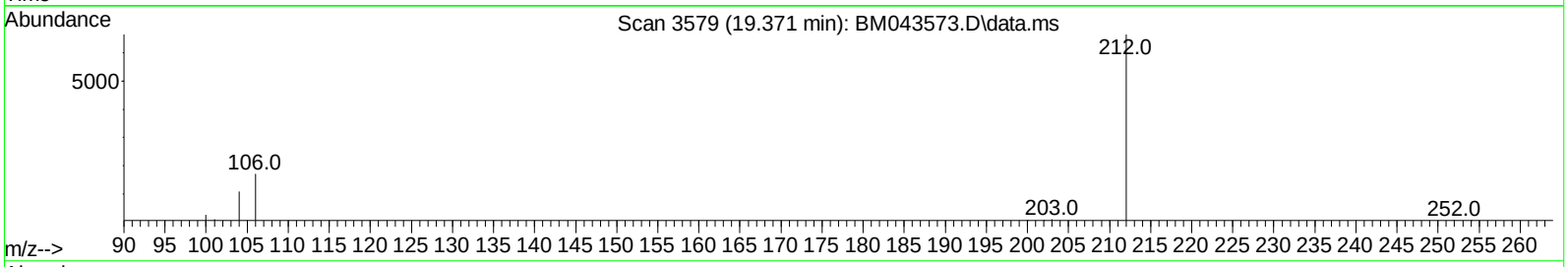
Quant Time: Dec 26 15:50:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 19 23:32:46 2023
Response via : Initial Calibration

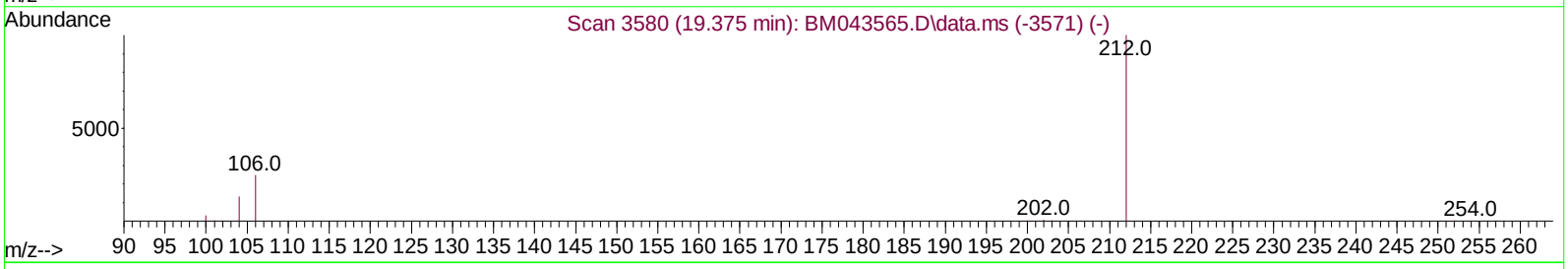
Instrument :
BNA_M
ClientSampleId :
BH7W0

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/29/2023







TIC: BM043573.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.371min (-0.009) 9.16 ng/ul m

response 9655

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	19.40	18.60
104.00	11.00	10.23
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122623\
Data File : BM043573.D
Acq On : 26 Dec 2023 15:06
Operator : MA/JU
Sample : 05976-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 26 15:50:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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BNA_M
ClientSampleId :
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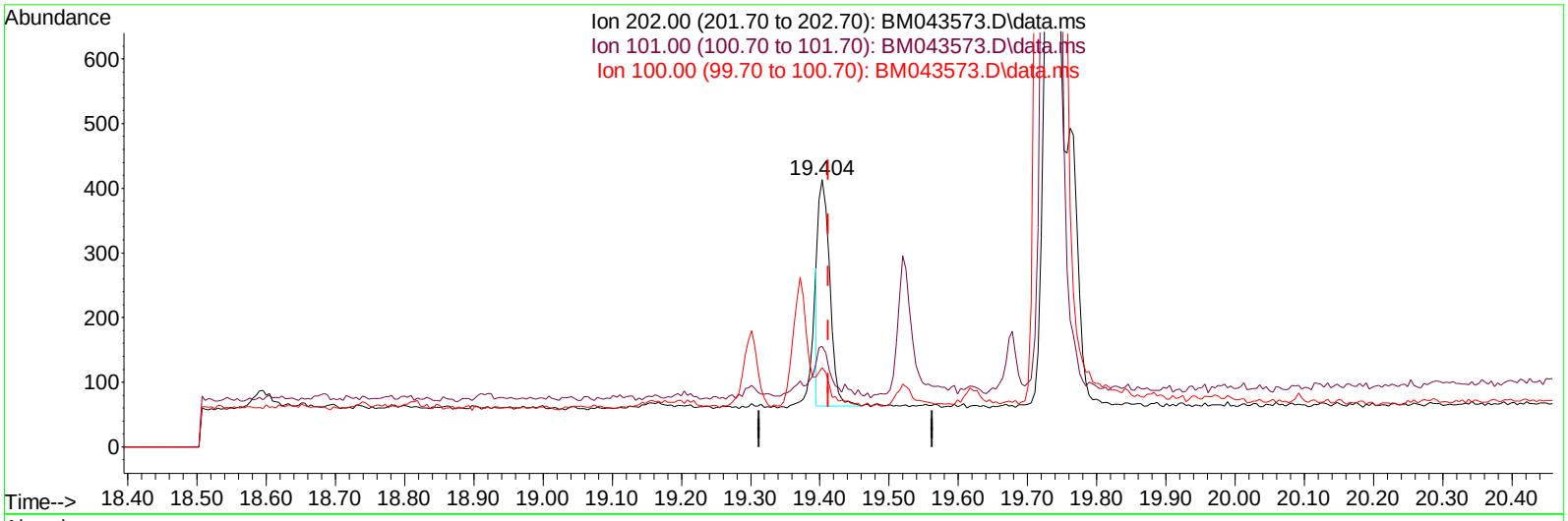
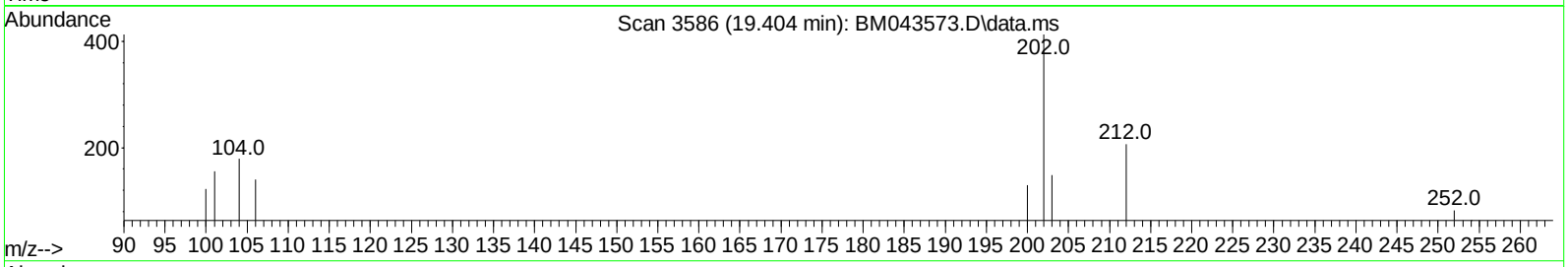
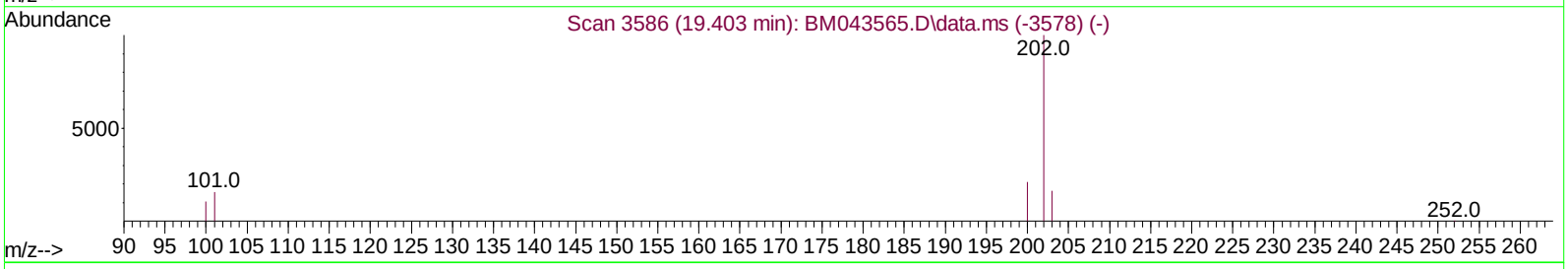
Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/29/2023







TIC: BM043573.D\data.ms

(19) Fluoranthene (C)

19.404min (-0.009) 0.24 ng/ul

response 399

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.60	37.77#
100.00	9.30	29.54#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122623\
Data File : BM043573.D
Acq On : 26 Dec 2023 15:06
Operator : MA/JU
Sample : 05976-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 26 15:50:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

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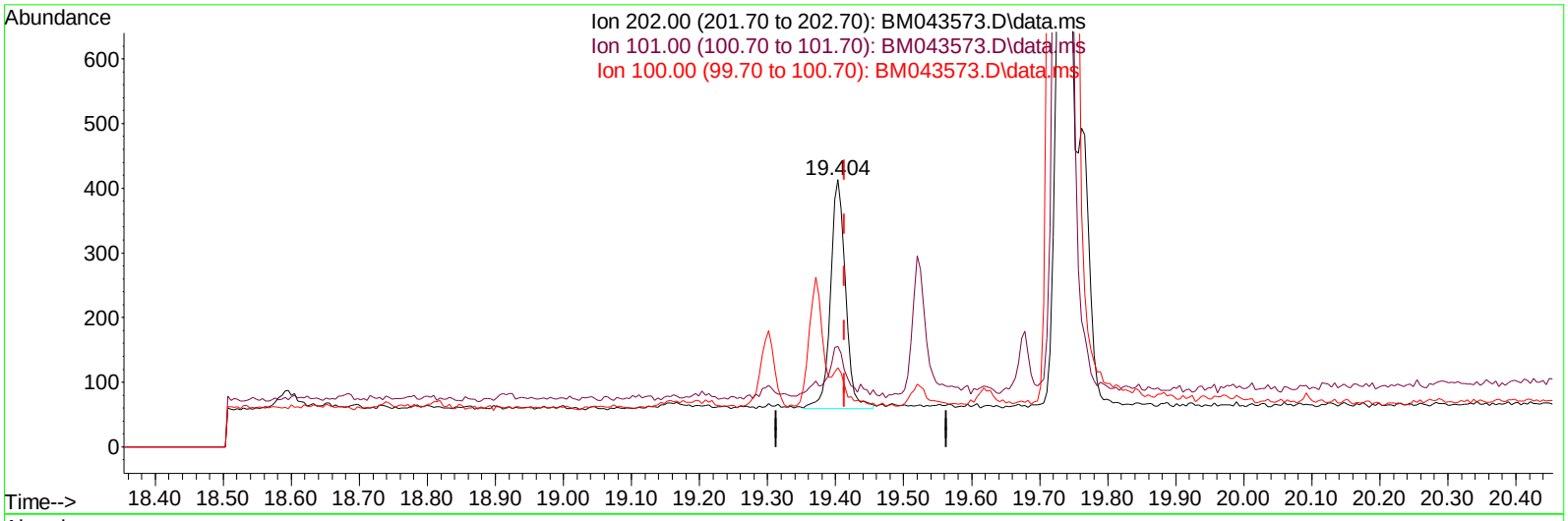

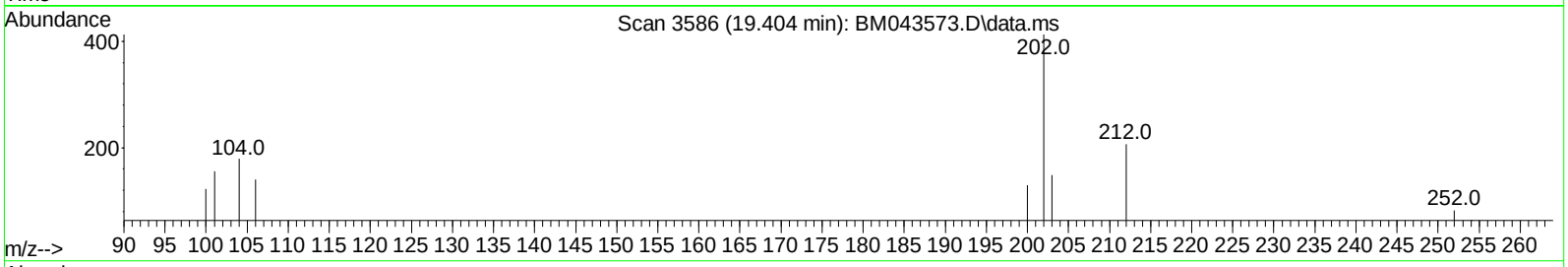

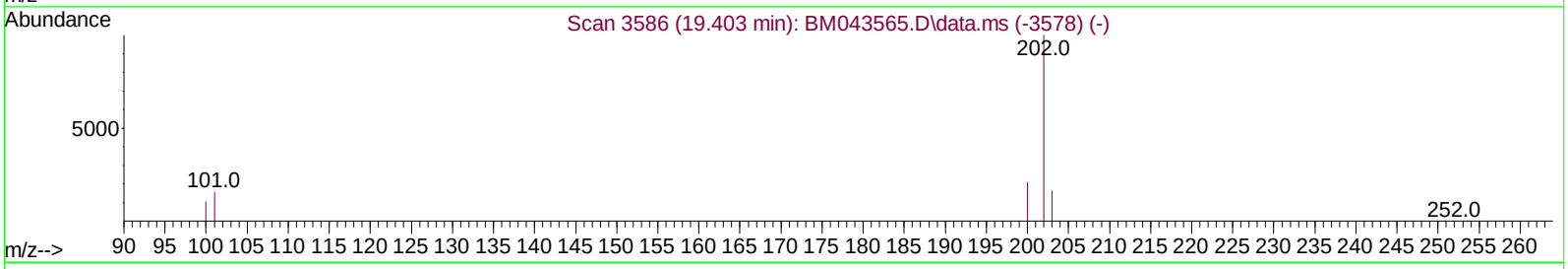

TIC: BM043573.D\data.ms

(19) Fluoranthene (C)

19.404min (-0.009) 0.32 ng/ul m

response 540

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.60	37.77#
100.00	9.30	29.54#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122623\
Data File : BM043573.D
Acq On : 26 Dec 2023 15:06
Operator : MA/JU
Sample : 05976-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 26 15:50:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
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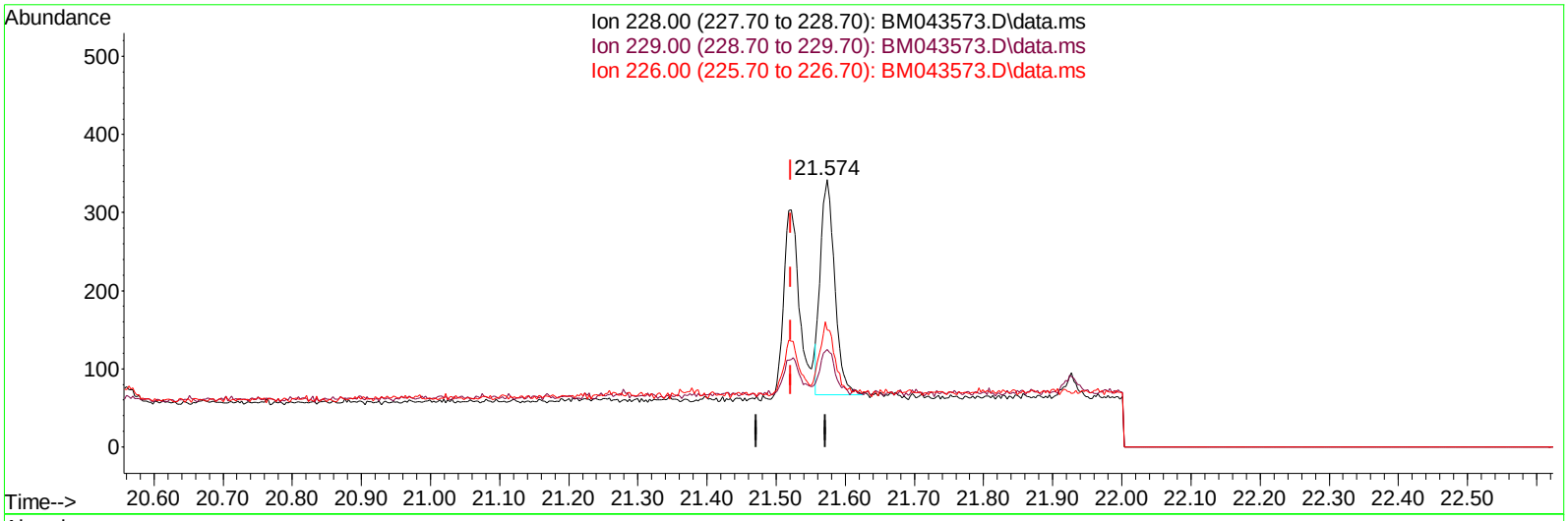

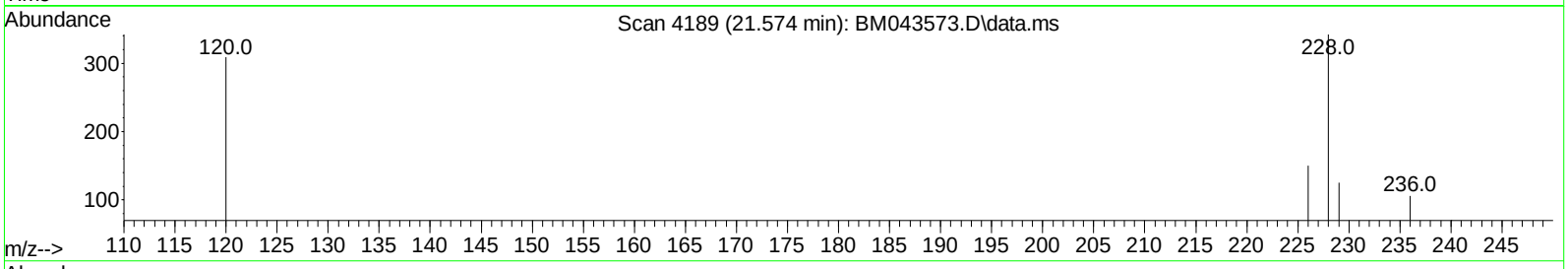

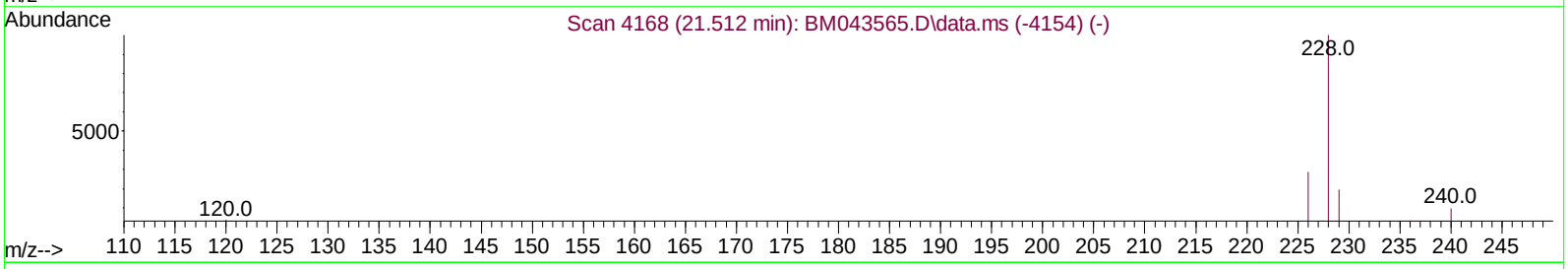

TIC: BM043573.D\data.ms

(21) Benzo(a)anthracene

21.574min (+ 0.053) 0.31 ng/ul

response 397

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.40	36.55#
226.00	28.30	43.86#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122623\
Data File : BM043573.D
Acq On : 26 Dec 2023 15:06
Operator : MA/JU
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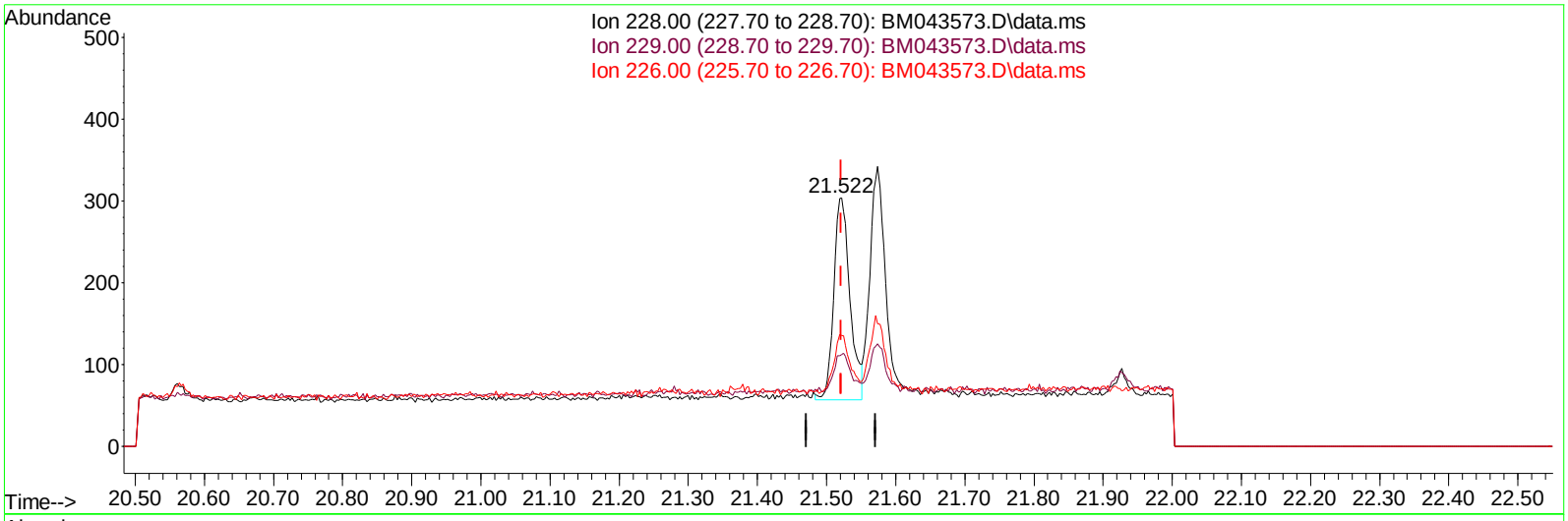

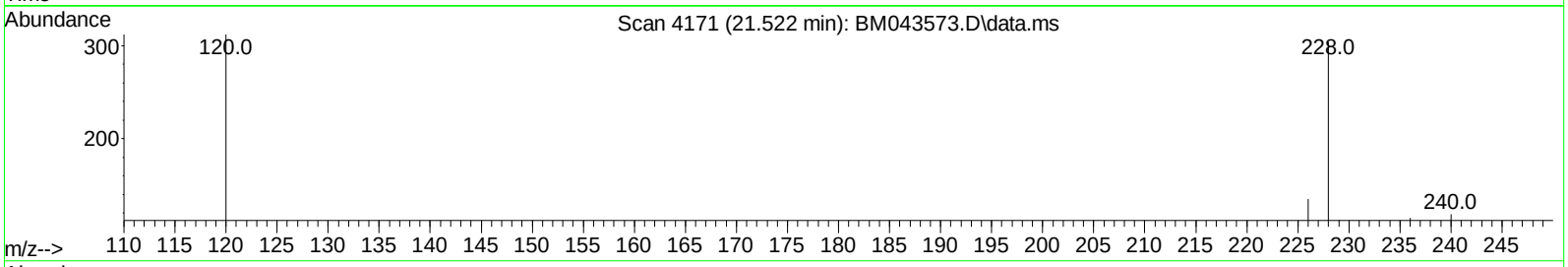

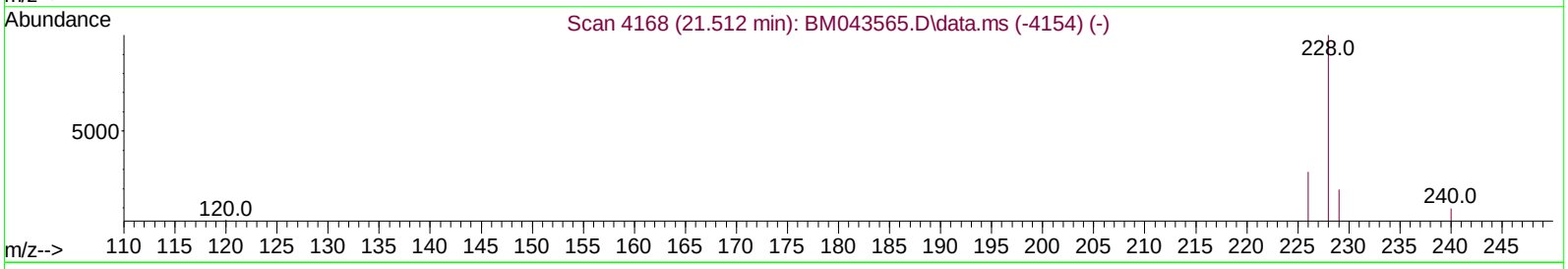

TIC: BM043573.D\data.ms

(21) Benzo(a)anthracene

21.522min (+ 0.000) 0.31 ng/ul m

response 401

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.40	36.84#
226.00	28.30	44.41#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122623\
Data File : BM043573.D
Acq On : 26 Dec 2023 15:06
Operator : MA/JU
Sample : 05976-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 12/29/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.971	152	2445	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.779	136	2268	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.606	164	317	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.350	188	522m	0.400	ng/ul	0.00
17) Chrysene-d12	21.536	240	295m	0.400	ng/ul	0.00
23) Perylene-d12	24.179	264	61	0.400	ng/ul	# 0.22
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	28222	9.135	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.368	152	5806	1.807	ng/ul	-0.01
18) Fluoranthene-d10	19.371	212	9655m	9.160	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.414	88	588	0.190	ng/ul#	63
5) Naphthalene	10.828	128	1034	0.152	ng/ul#	75
7) 2-Methylnaphthalene	12.445	142	663	0.151	ng/ul	98
8) 1-Methylnaphthalene	12.660	142	456	0.103	ng/ul	94
11) Acenaphthene	14.666	153	292	0.230	ng/ul#	91
12) Fluorene	15.651	166	447	0.311	ng/ul#	90
19) Fluoranthene	19.404	202	540m	0.324	ng/ul	
21) Benzo(a)anthracene	21.522	228	401m	0.310	ng/ul	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122623\
Data File : BM043573.D
Acq On : 26 Dec 2023 15:06
Operator : MA/JU
Sample : 05976-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 26 15:50:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 19 23:32:46 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BH7W0

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/29/2023