Quantitation Report (Qedit)

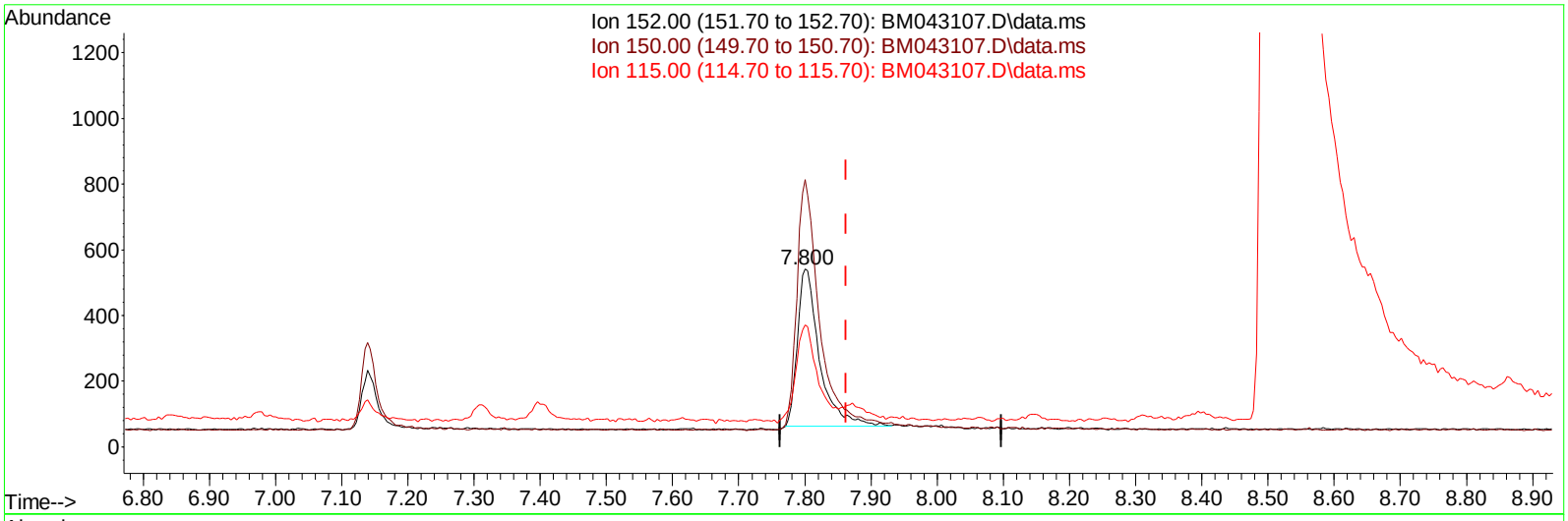
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043107.D
Acq On : 01 Dec 2023 05:08
Operator : MA/JU
Sample : 05459-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

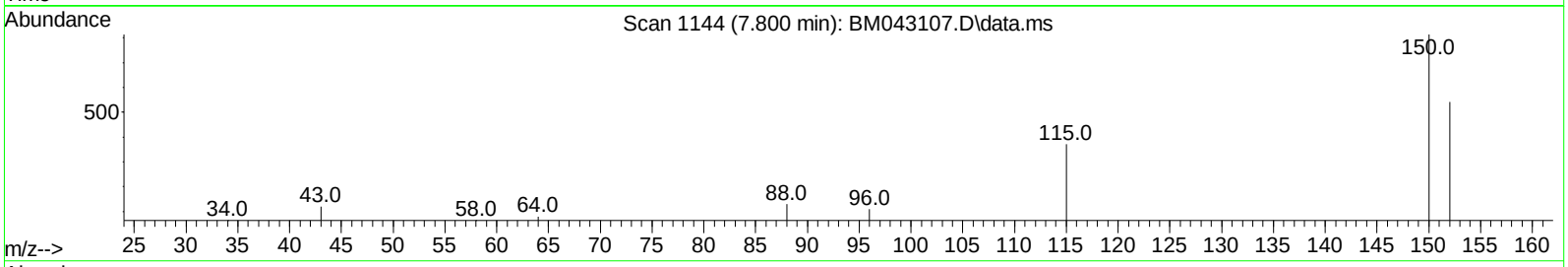
Quant Time: Dec 01 05:39:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 00:42:42 2023
Response via : Initial Calibration

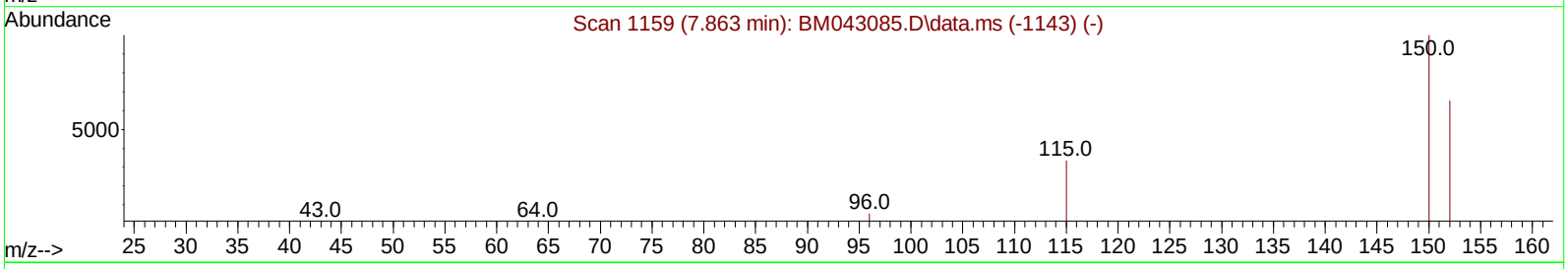
Instrument :
BNA_M
ClientSampleId :
C0AJ4

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/04/2023







TIC: BM043107.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

7.800min (-0.063) 0.40 ng/ul

response 1108

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	150.28#
115.00	89.60	68.58#
0.00	0.00	0.00

Quantitation Report (Qedit)

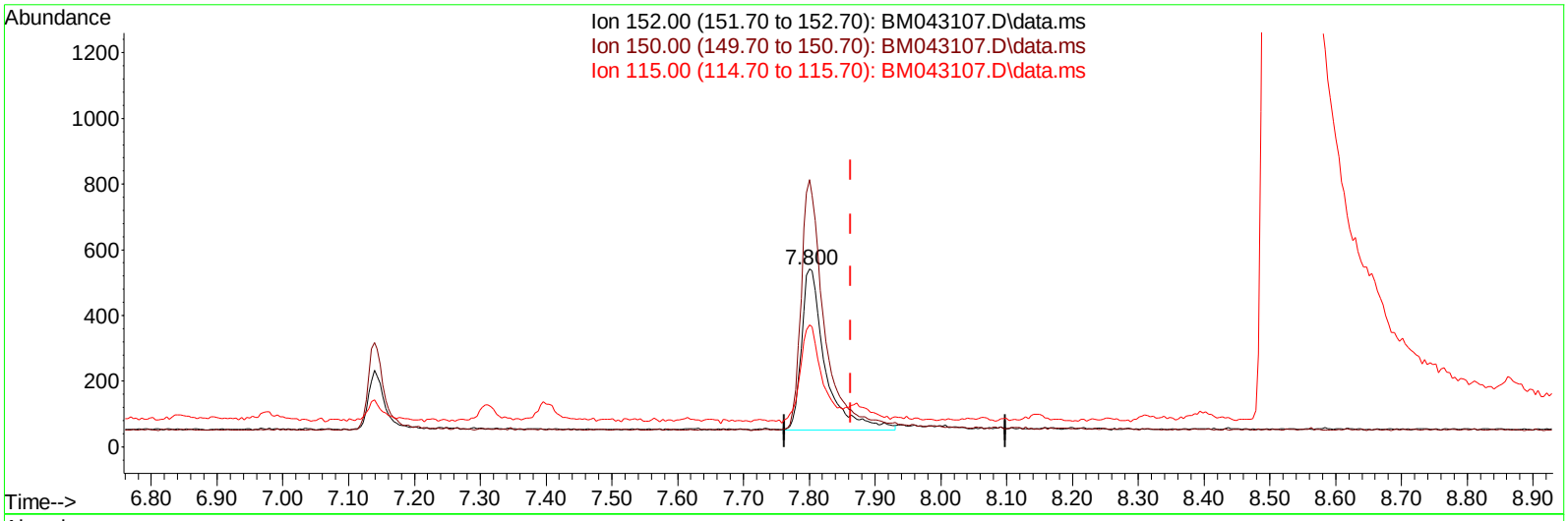
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043107.D
Acq On : 01 Dec 2023 05:08
Operator : MA/JU
Sample : 05459-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

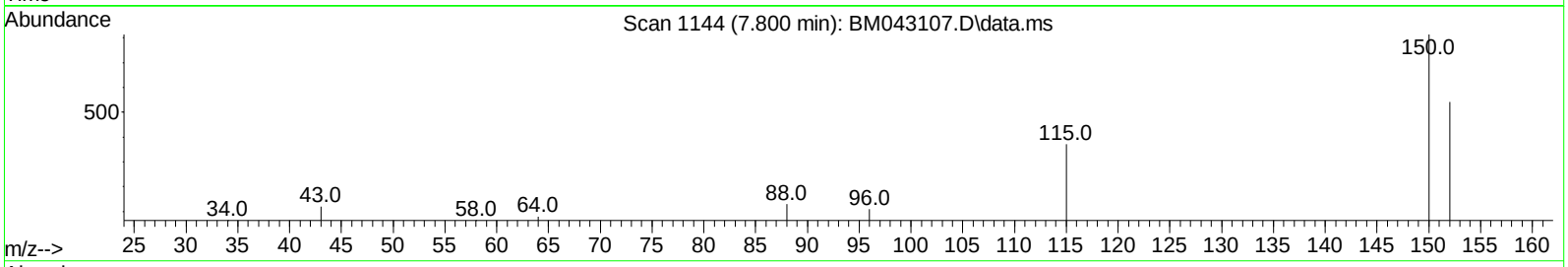
Quant Time: Dec 01 05:39:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 00:42:42 2023
Response via : Initial Calibration

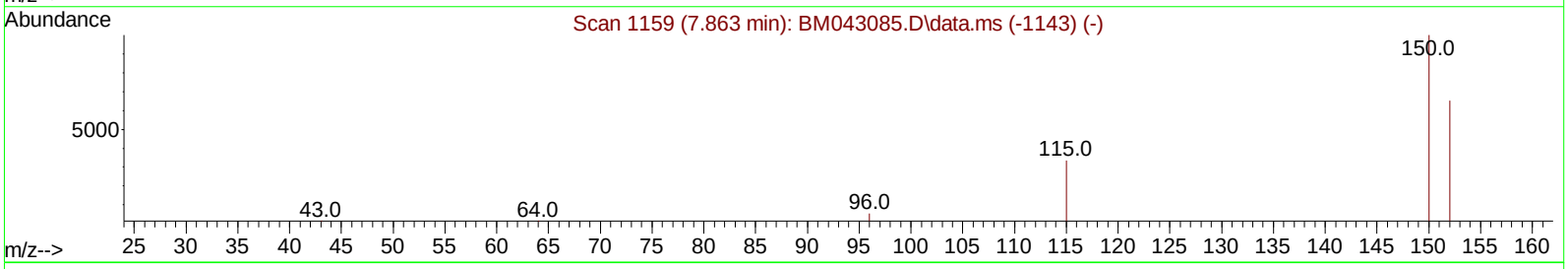
Instrument :
BNA_M
ClientSampleId :
C0AJ4

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/04/2023







TIC: BM043107.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

7.800min (-0.063) 0.40 ng/ul m

response 1229

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	150.28#
115.00	89.60	68.58#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043107.D
Acq On : 01 Dec 2023 05:08
Operator : MA/JU
Sample : 05459-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 01 05:39:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 00:42:42 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AJ4

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/01/2023
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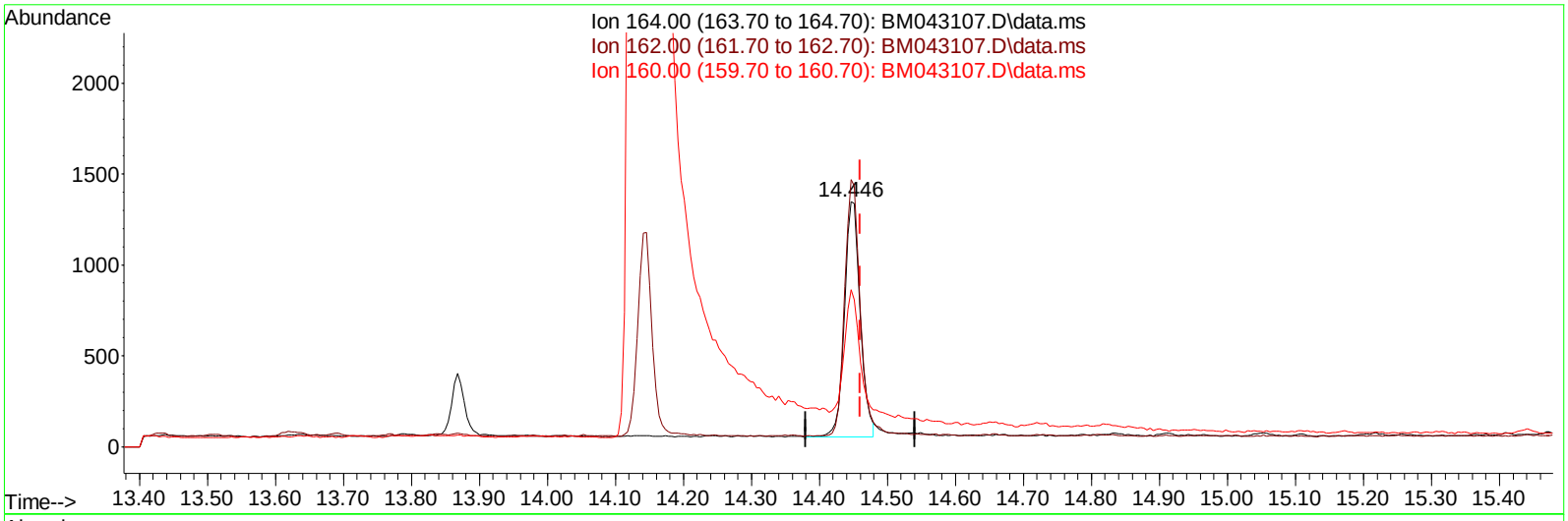
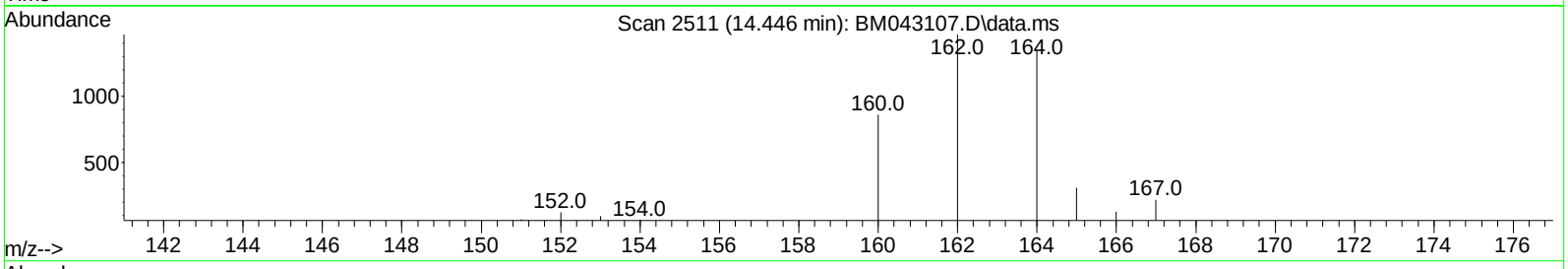
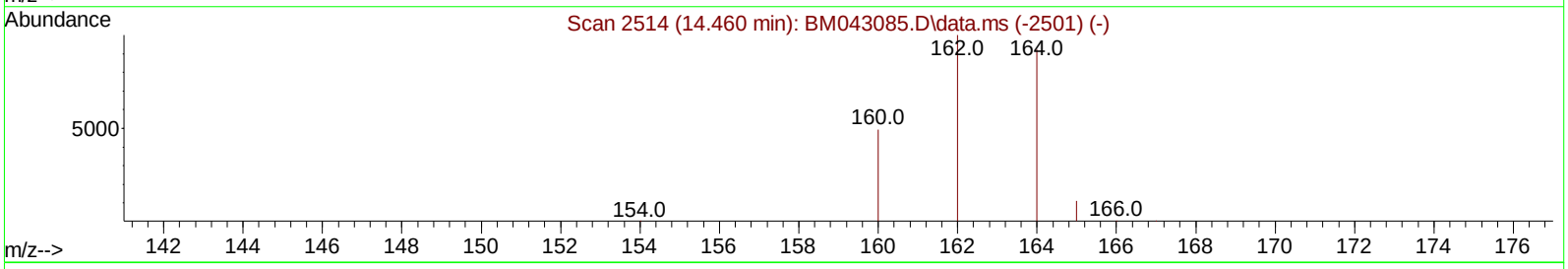






TIC: BM043107.D\data.ms

(9) Acenaphthene-d10 (I)

14.446min (-0.014) 0.40 ng/ul

response 2082

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	108.82
160.00	57.20	63.90
0.00	0.00	0.00

Quantitation Report (Qedit)

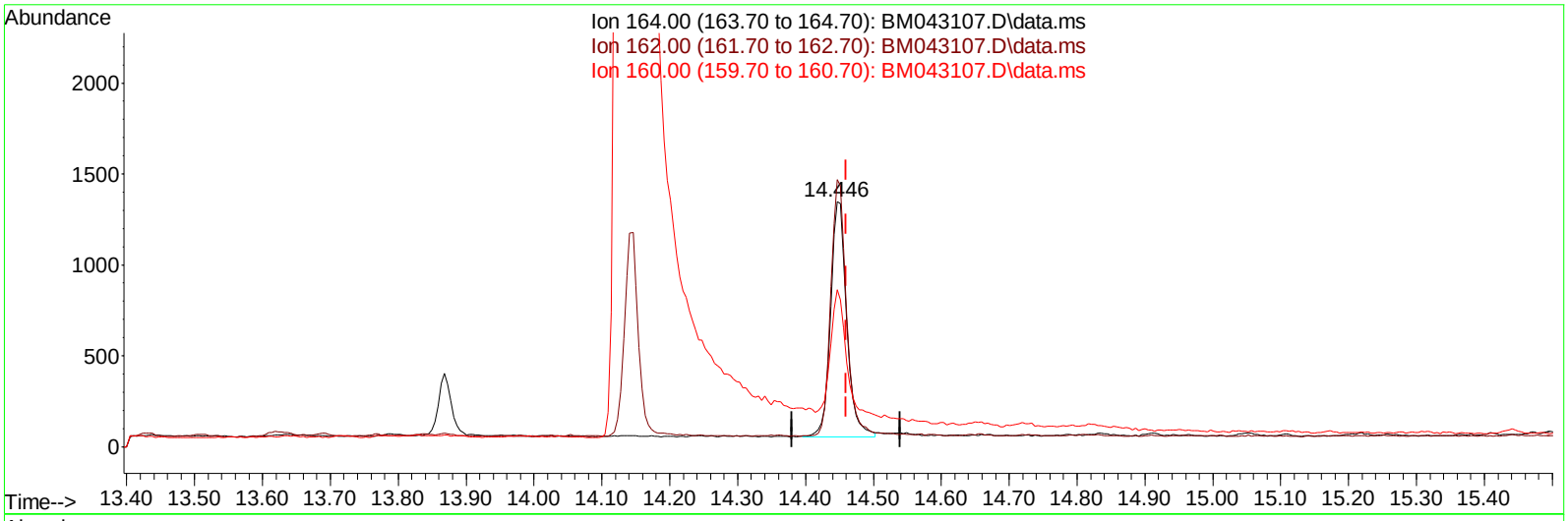
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043107.D
Acq On : 01 Dec 2023 05:08
Operator : MA/JU
Sample : 05459-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

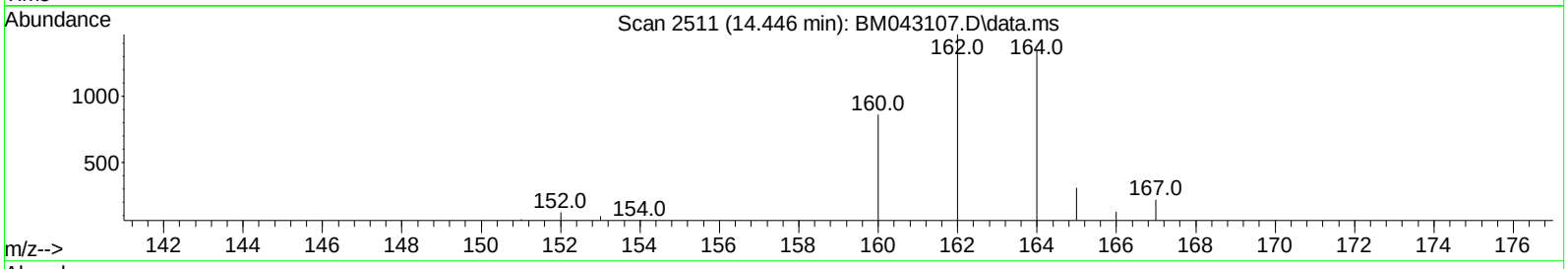
Quant Time: Dec 01 05:39:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 00:42:42 2023
Response via : Initial Calibration

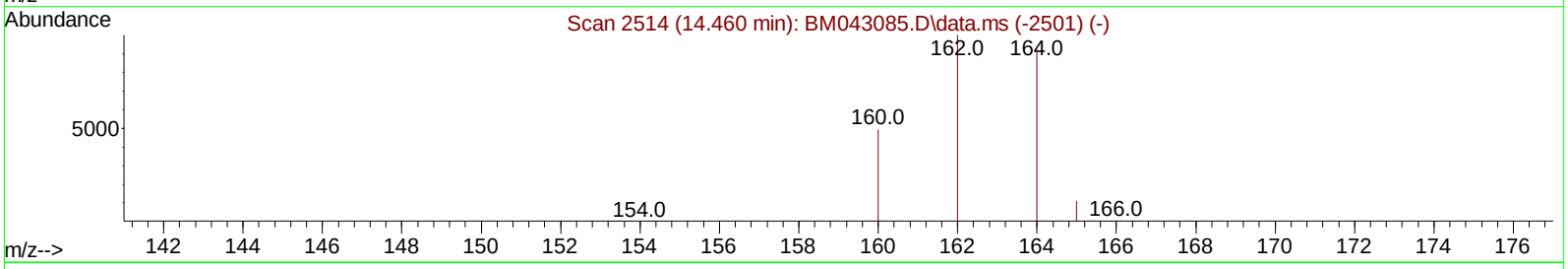
Instrument :
BNA_M
ClientSampleId :
C0AJ4

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/04/2023







TIC: BM043107.D\data.ms

(9) Acenaphthene-d10 (I)

14.446min (-0.014) 0.40 ng/ul m

response 2124

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	108.82
160.00	57.20	63.90
0.00	0.00	0.00

Quantitation Report (Qedit)

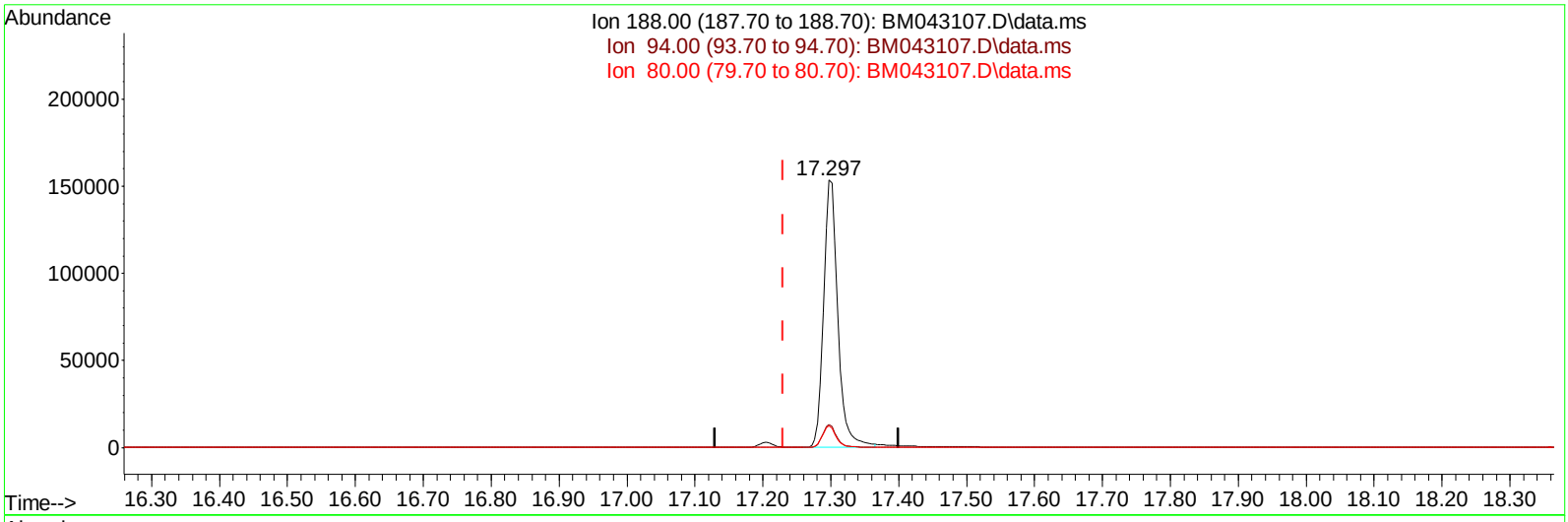
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043107.D
Acq On : 01 Dec 2023 05:08
Operator : MA/JU
Sample : 05459-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

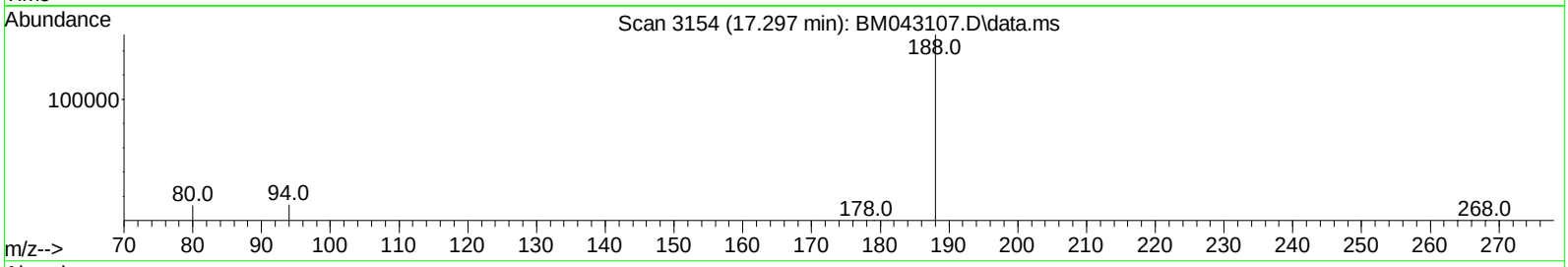
Quant Time: Dec 01 05:39:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 00:42:42 2023
Response via : Initial Calibration

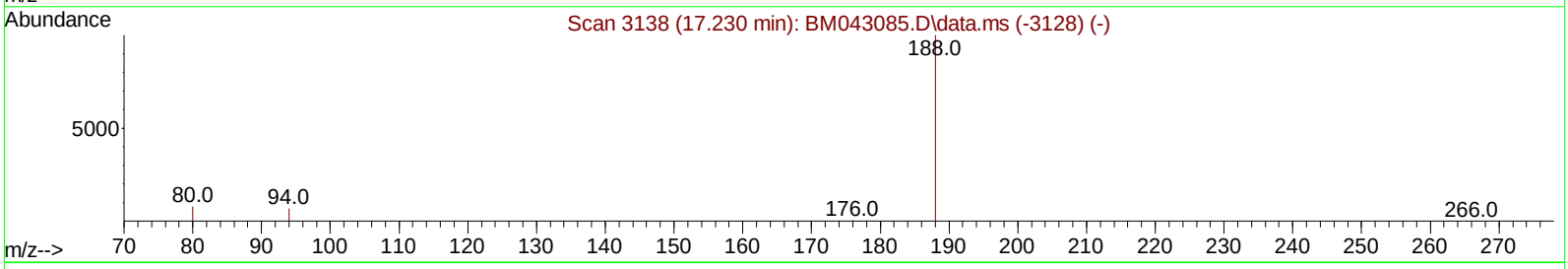
Instrument :
BNA_M
ClientSampleId :
C0AJ4

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/04/2023







TIC: BM043107.D\data.ms

(13) Phenanthrene-d10 (I)

17.297min (+ 0.068) 0.40 ng/ul

response 224144

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.40	8.64#
80.00	12.70	8.11#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043107.D
Acq On : 01 Dec 2023 05:08
Operator : MA/JU
Sample : 05459-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 01 05:39:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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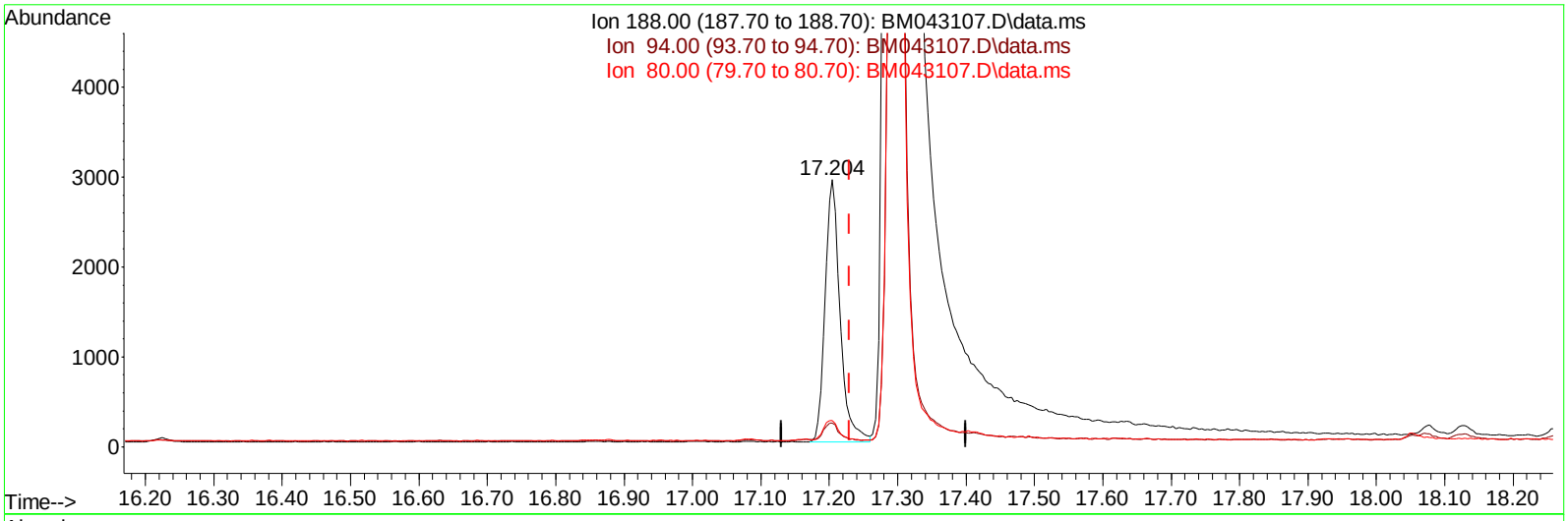
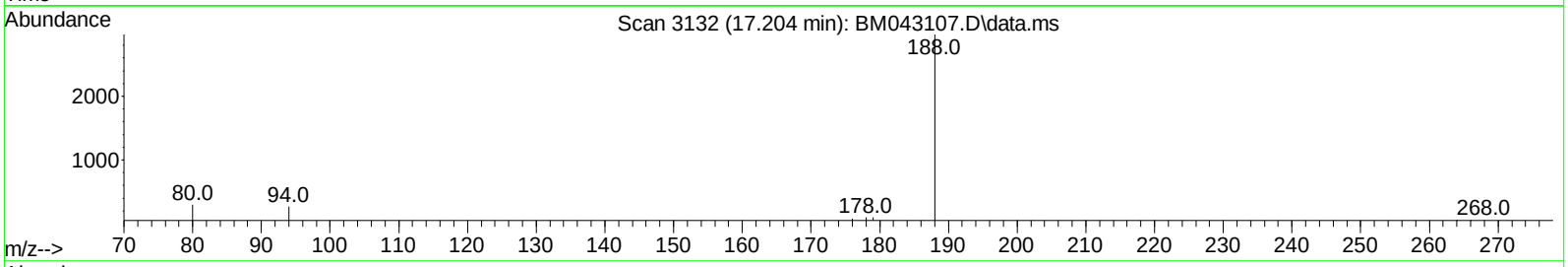
Response via : Initial Calibration

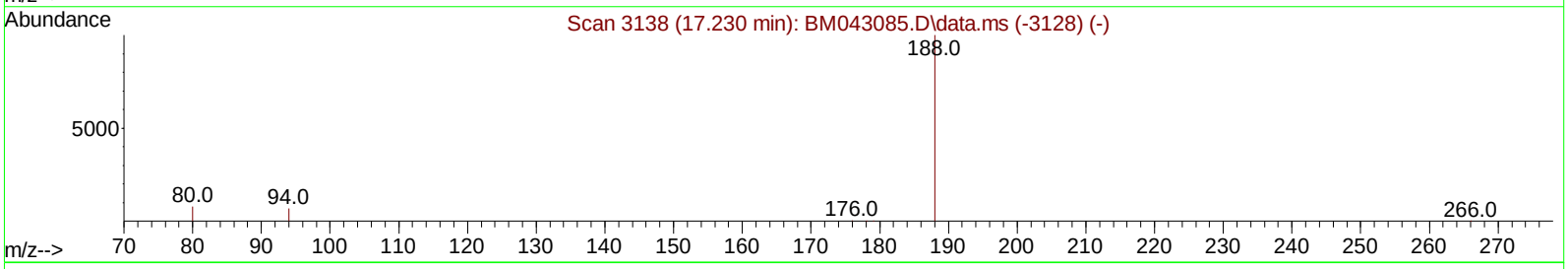
Instrument :
BNA_M
ClientSampleId :
C0AJ4

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/04/2023







TIC: BM043107.D\data.ms

(13) Phenanthrene-d10 (I)

17.204min (-0.025) 0.40 ng/ul m

response 4444

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.40	8.95#
80.00	12.70	9.86#
0.00	0.00	0.00

Quantitation Report (Qedit)

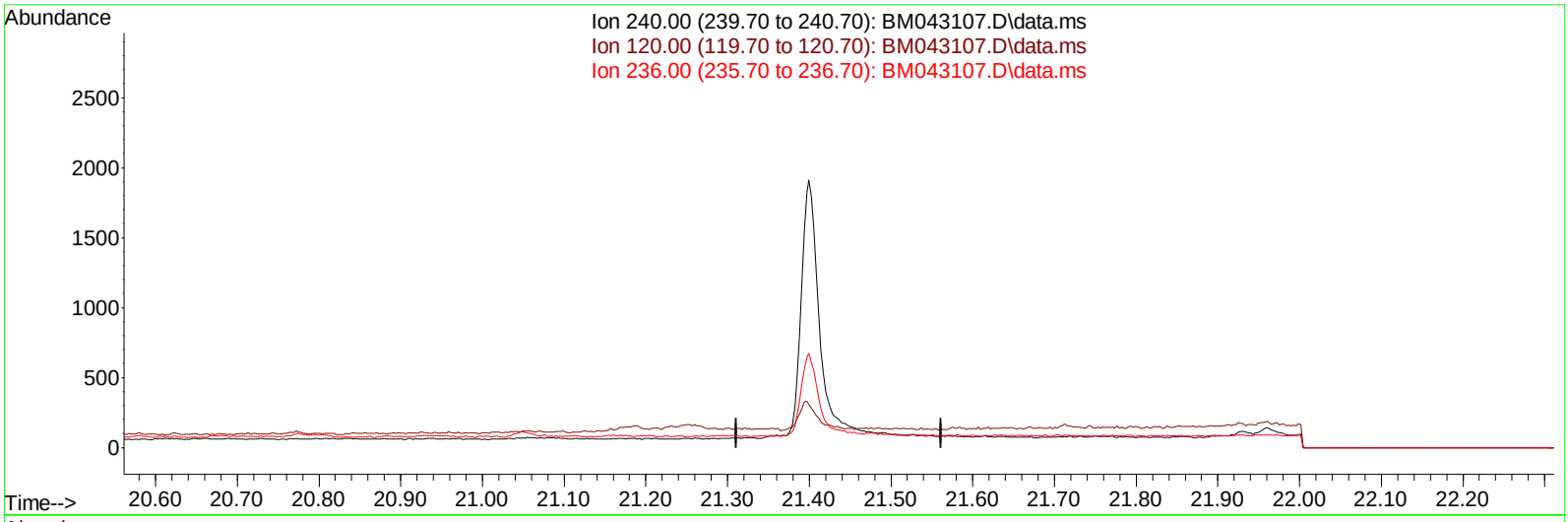
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043107.D
Acq On : 01 Dec 2023 05:08
Operator : MA/JU
Sample : 05459-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

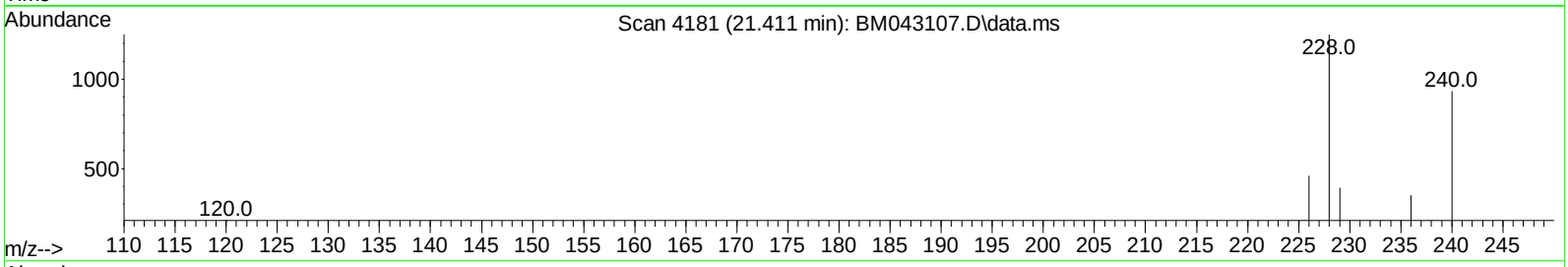
Quant Time: Dec 01 05:39:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 00:42:42 2023
Response via : Initial Calibration

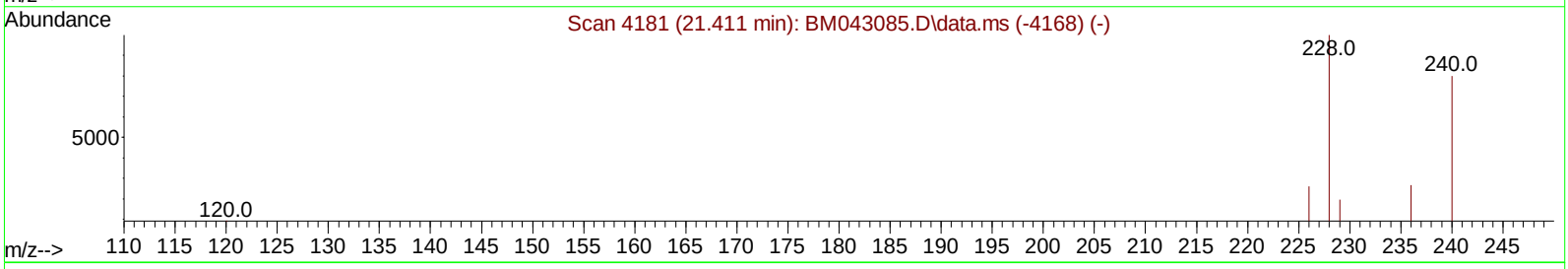
Instrument :
BNA_M
ClientSampleId :
C0AJ4

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/04/2023







TIC: BM043107.D\data.ms

(17) Chrysene-d12

21.411min (-21.411) 0.00 ng/ul

response 0

Ion	Exp%	Act%
240.00	100.00	0.00
120.00	22.80	0.00#
236.00	38.50	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043107.D
Acq On : 01 Dec 2023 05:08
Operator : MA/JU
Sample : 05459-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 01 05:39:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 00:42:42 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AJ4

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/01/2023
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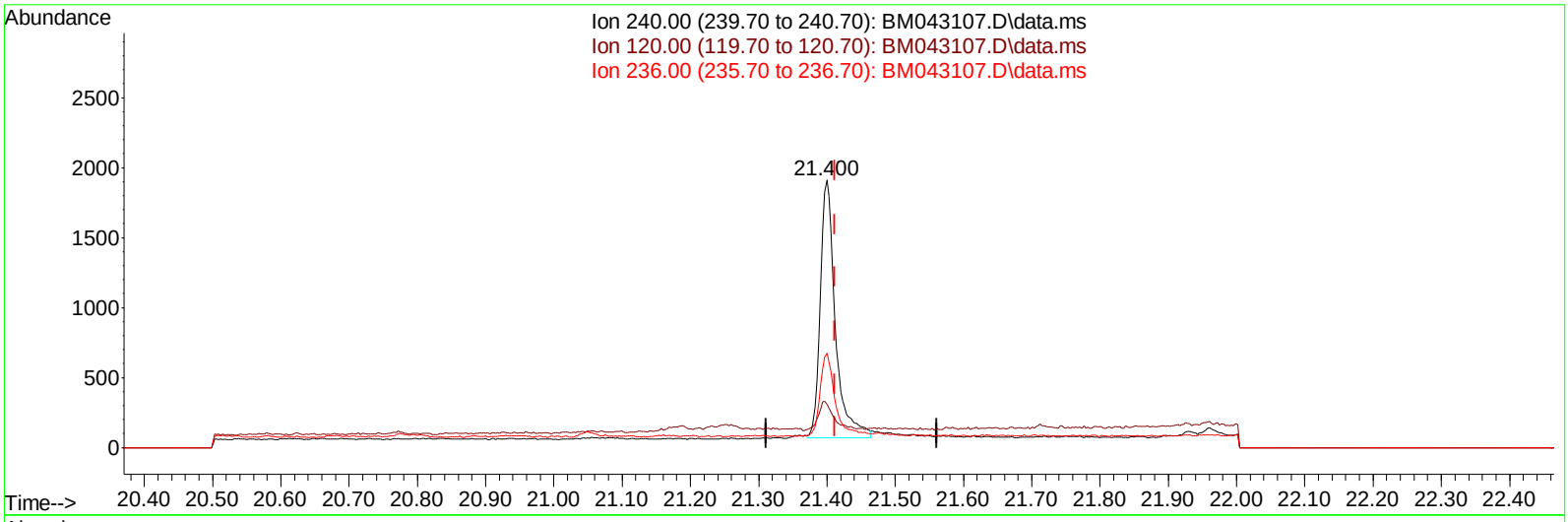

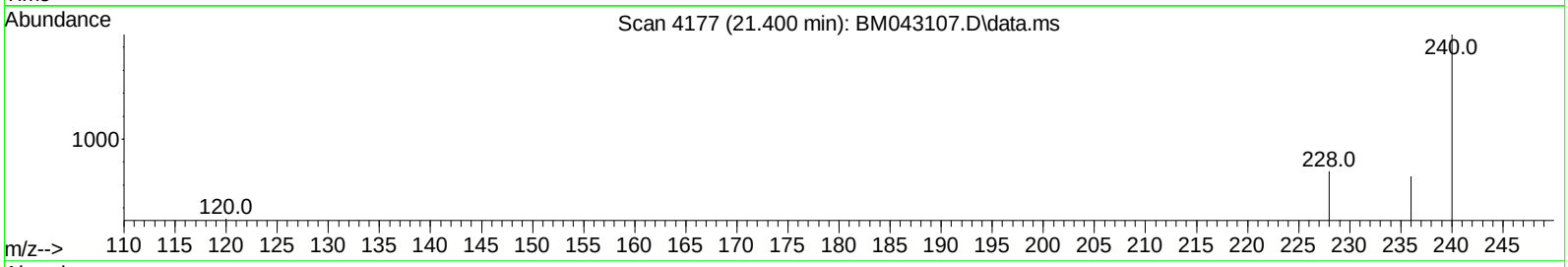

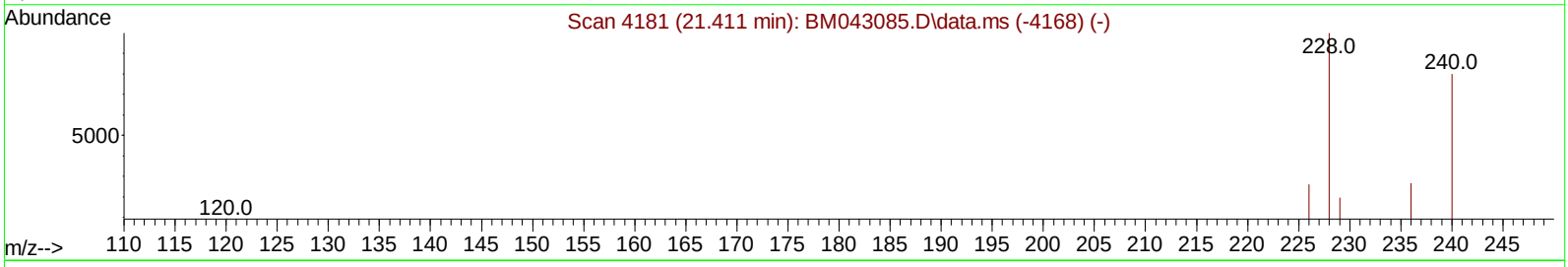

TIC: BM043107.D\data.ms

(17) Chrysene-d12

21.400min (-0.012) 0.40 ng/ul m

response 2822

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	22.80	16.22#
236.00	38.50	35.37
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043107.D
Acq On : 01 Dec 2023 05:08
Operator : MA/JU
Sample : 05459-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 01 05:39:28 2023
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Manual IntegrationsAPPROVED

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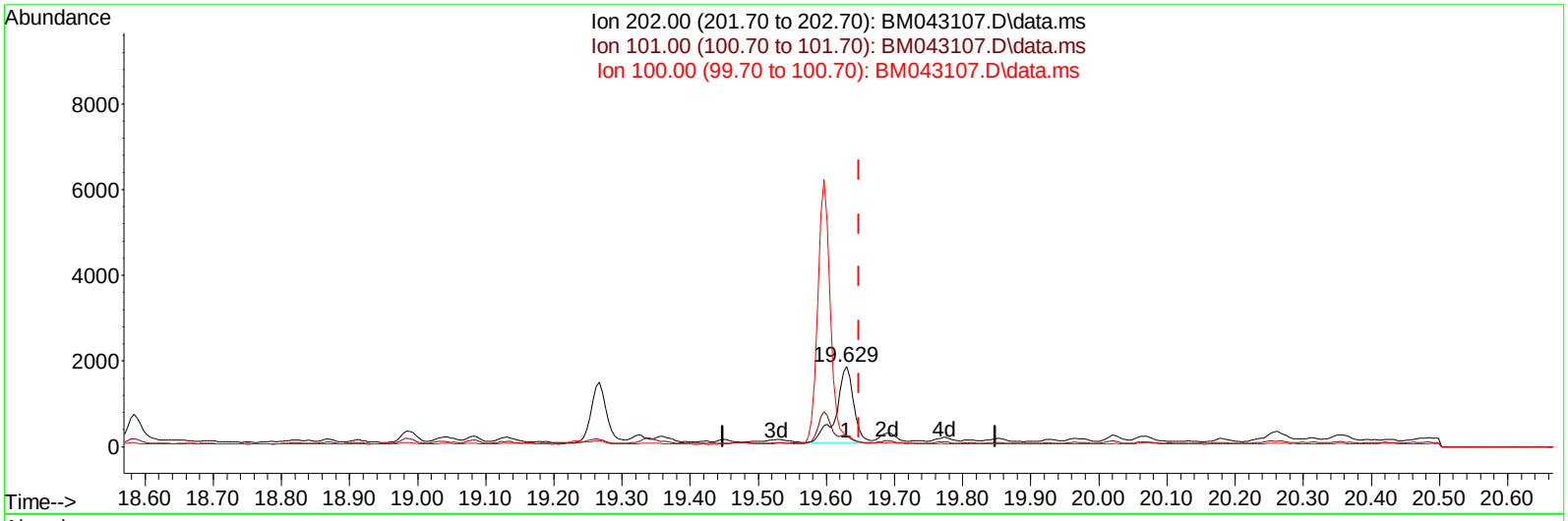

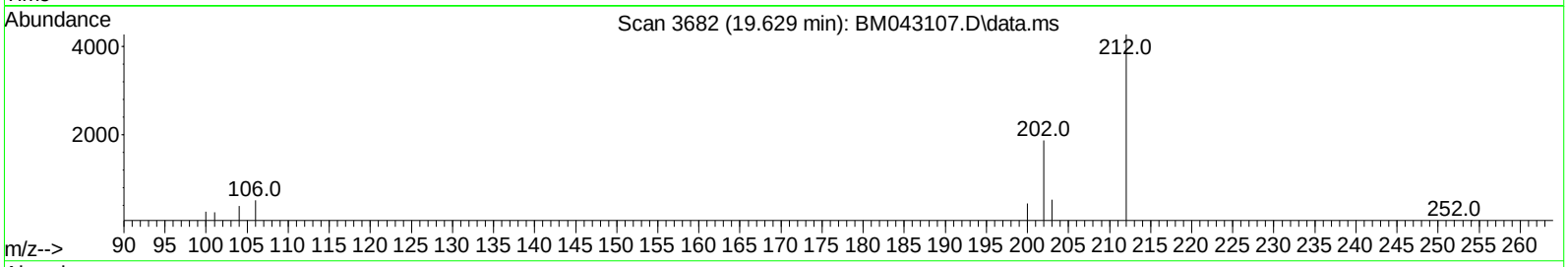

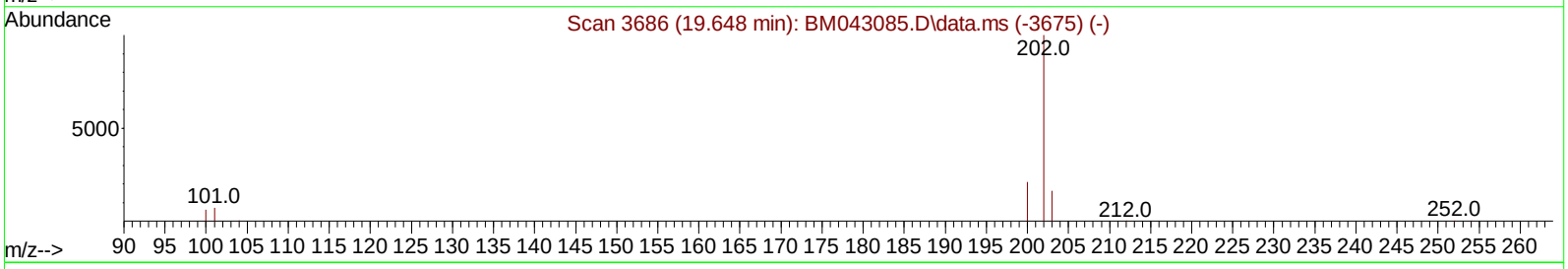

TIC: BM043107.D\data.ms

(20) Pyrene

19.629min (-0.019) 0.18 ng/ul

response 3091

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	10.90	13.55#
100.00	9.80	13.93#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043107.D
Acq On : 01 Dec 2023 05:08
Operator : MA/JU
Sample : 05459-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

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Instrument :
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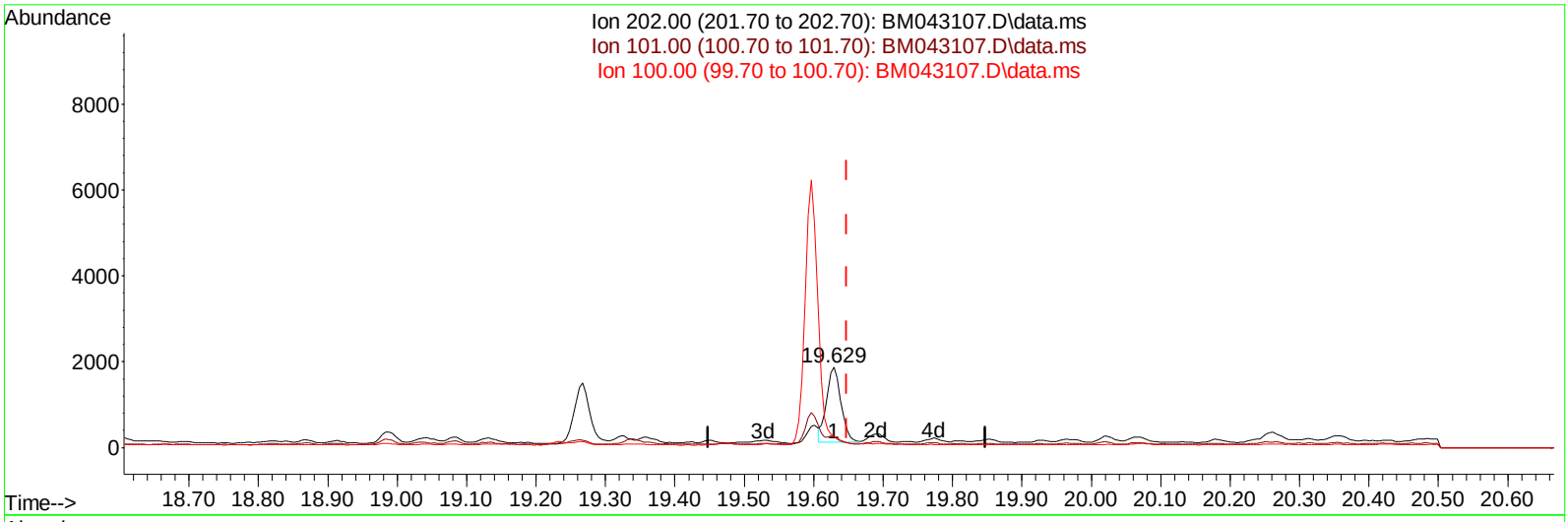

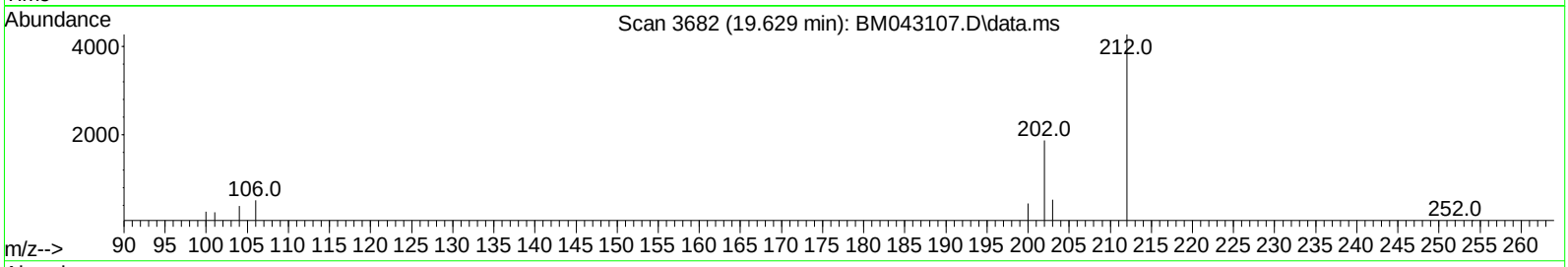

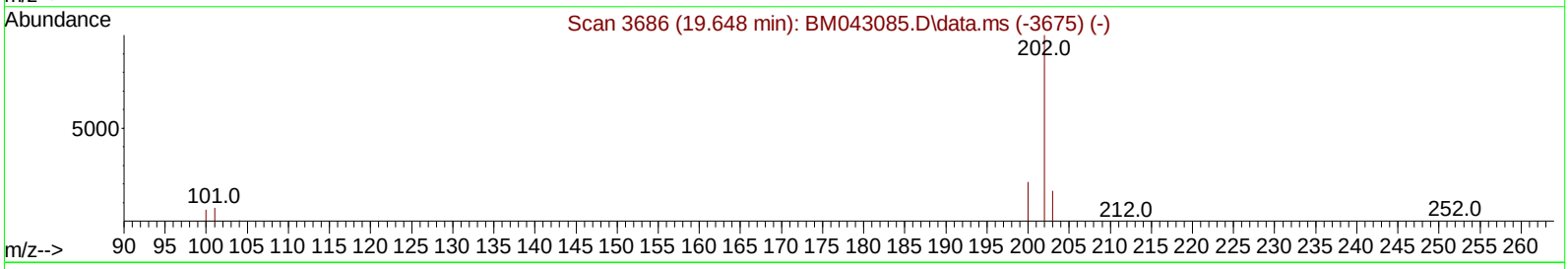

TIC: BM043107.D\data.ms

(20) Pyrene

19.629min (-0.019) 0.15 ng/ul m

response 2537

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	10.90	13.55#
100.00	9.80	13.93#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043107.D
Acq On : 01 Dec 2023 05:08
Operator : MA/JU
Sample : 05459-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 01 05:39:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
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Manual IntegrationsAPPROVED

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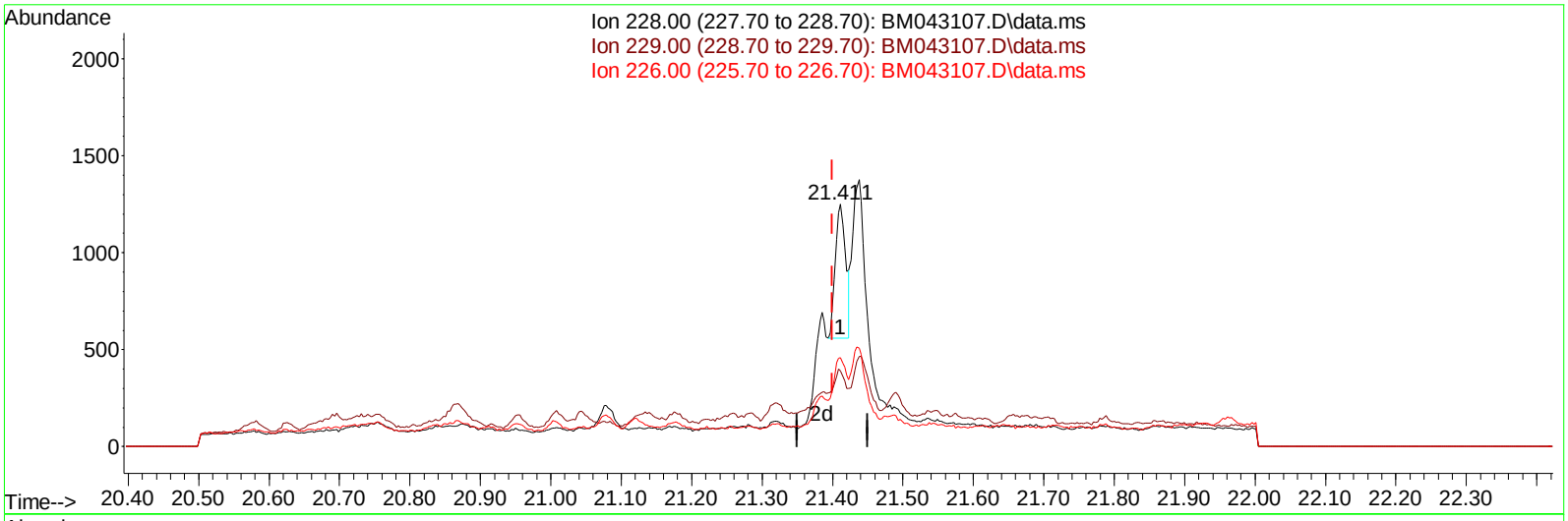
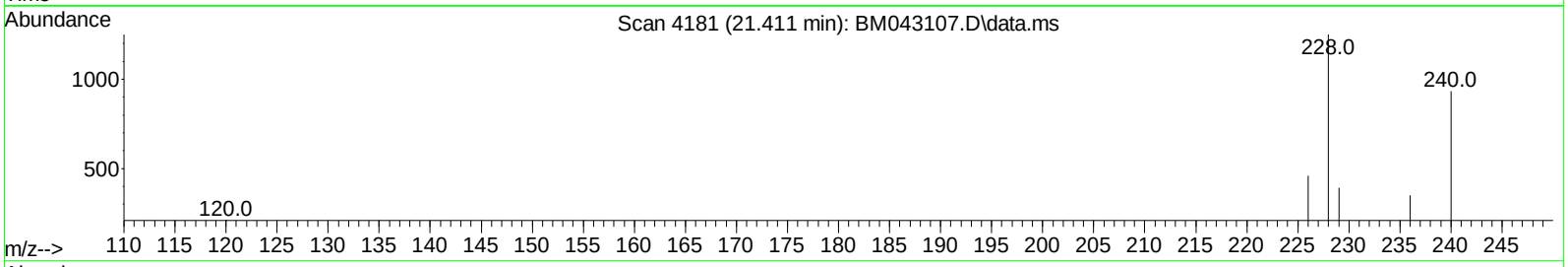
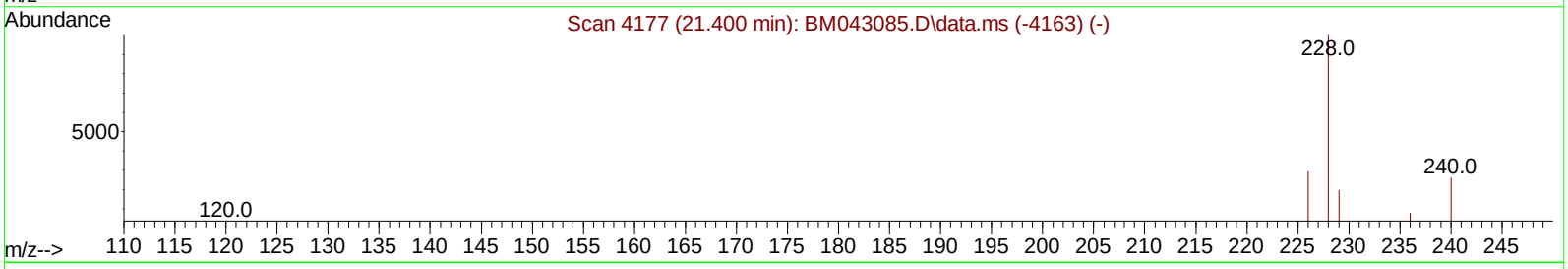






TIC: BM043107.D\data.ms

(21) Benzo(a)anthracene

21.411min (+ 0.012) 0.08 ng/ul

response 716

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	24.20	31.28#
226.00	31.10	36.80
0.00	0.00	0.00

Quantitation Report (Qedit)

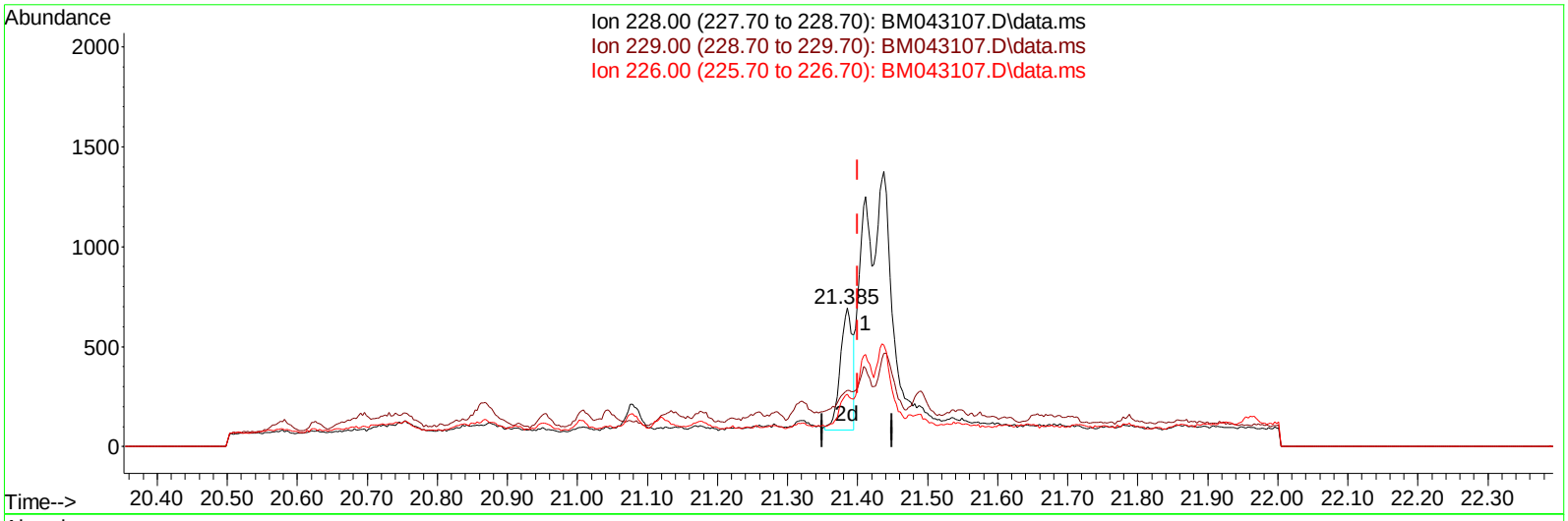
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043107.D
Acq On : 01 Dec 2023 05:08
Operator : MA/JU
Sample : 05459-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

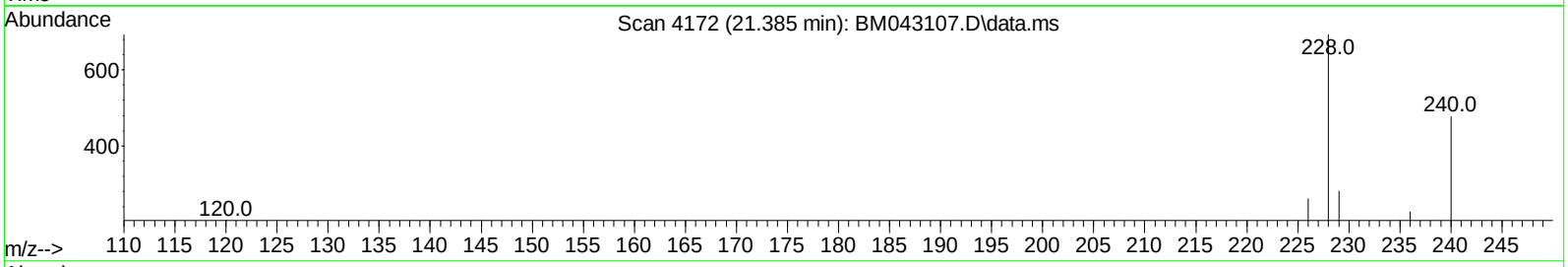
Quant Time: Dec 01 05:39:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 00:42:42 2023
Response via : Initial Calibration

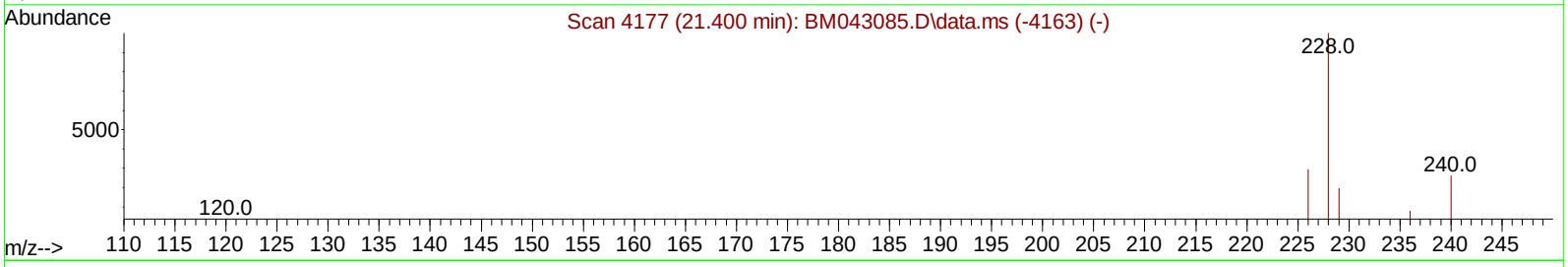
Instrument :
BNA_M
ClientSampleId :
C0AJ4

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/04/2023







TIC: BM043107.D\data.ms

(21) Benzo(a)anthracene

21.385min (-0.015) 0.08 ng/ul m

response 742

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	24.20	40.69#
226.00	31.10	37.81#
0.00	0.00	0.00

Quantitation Report (Qedit)

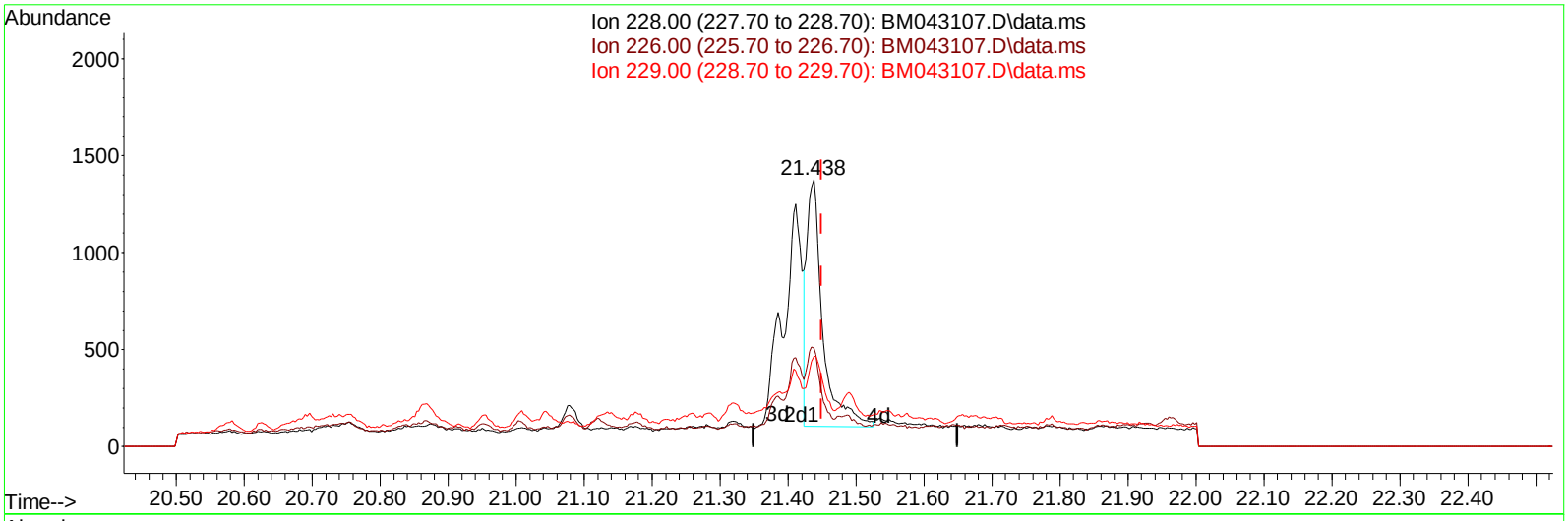
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043107.D
Acq On : 01 Dec 2023 05:08
Operator : MA/JU
Sample : 05459-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

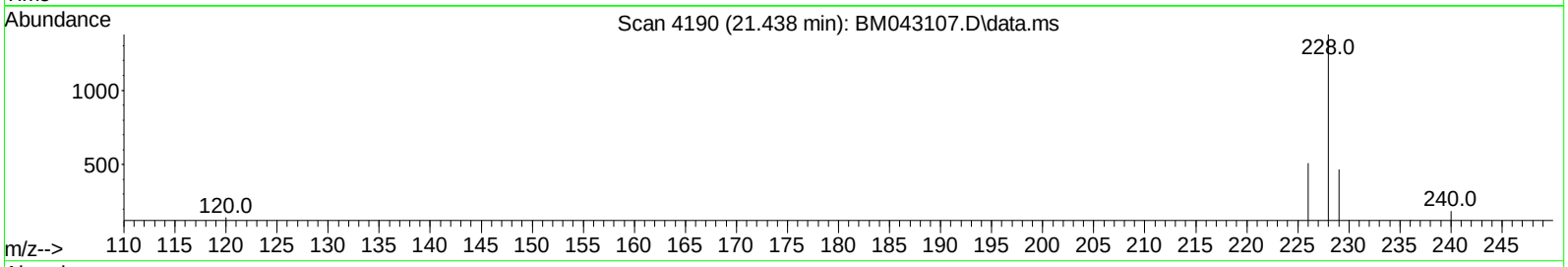
Quant Time: Dec 01 05:39:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 00:42:42 2023
Response via : Initial Calibration

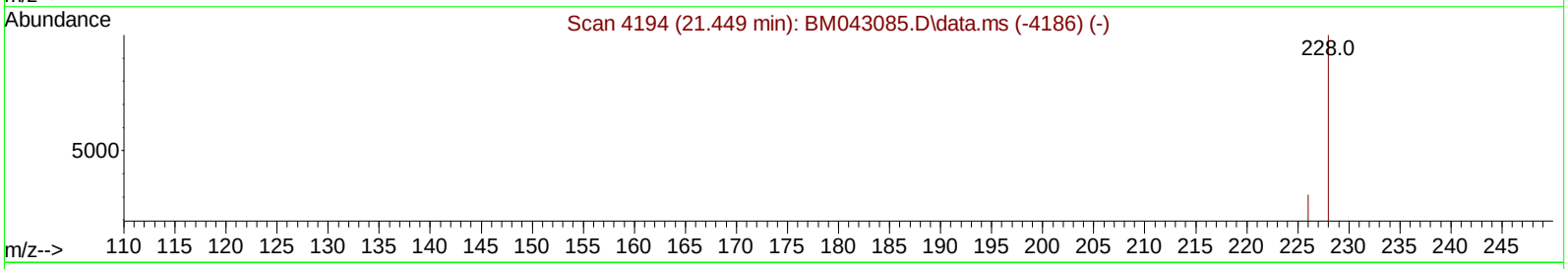
Instrument :
BNA_M
ClientSampleId :
C0AJ4

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/04/2023







TIC: BM043107.D\data.ms

(22) Chrysene

21.438min (-0.012) 0.12 ng/ul

response 2085

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	34.00	36.92
229.00	22.50	33.87#
0.00	0.00	0.00

Quantitation Report (Qedit)

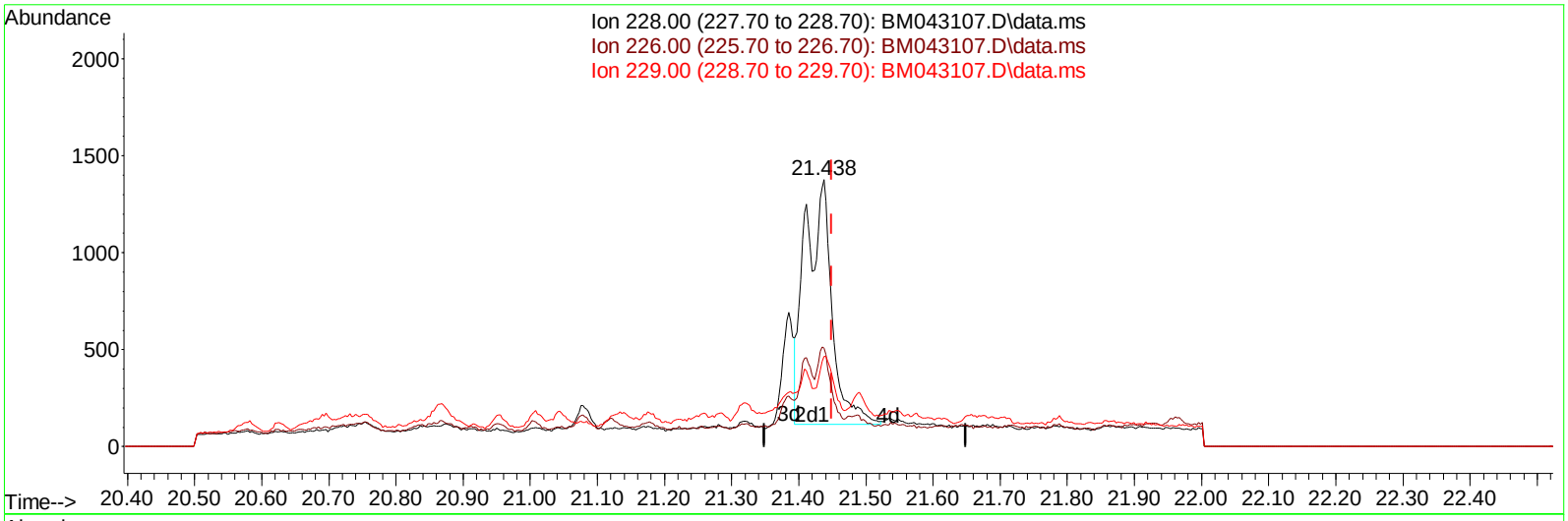
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043107.D
Acq On : 01 Dec 2023 05:08
Operator : MA/JU
Sample : 05459-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

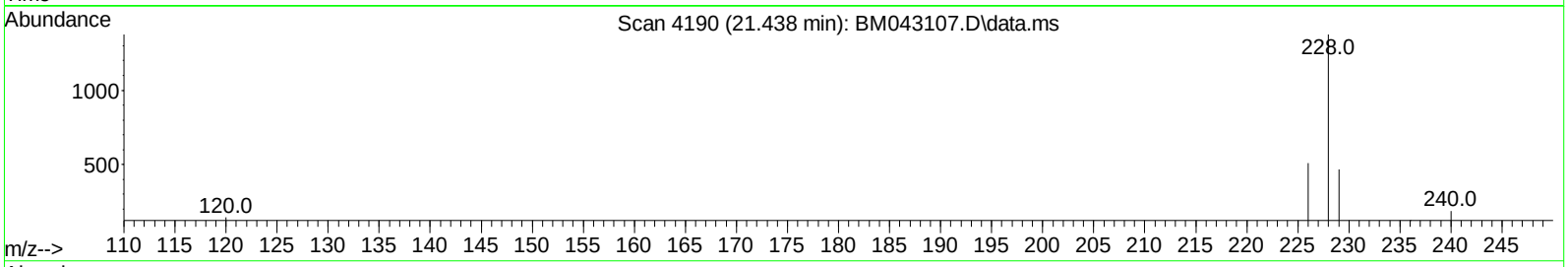
Quant Time: Dec 01 05:39:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 00:42:42 2023
Response via : Initial Calibration

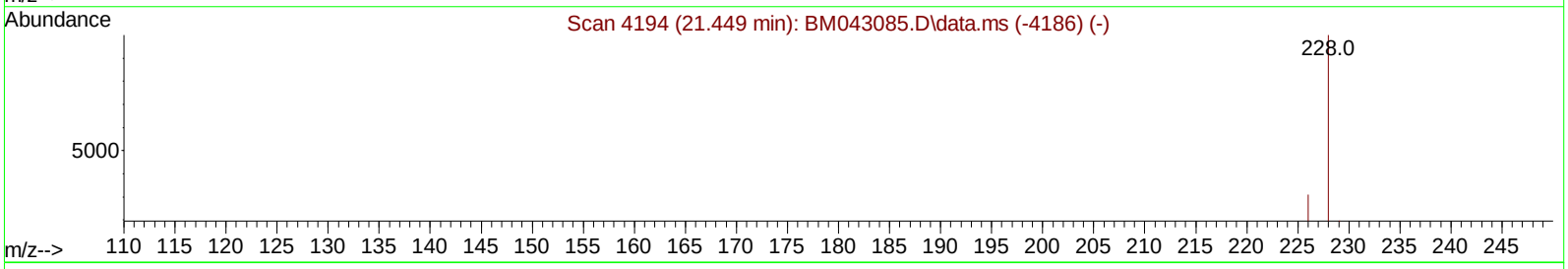
Instrument :
BNA_M
ClientSampleId :
C0AJ4

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/04/2023







TIC: BM043107.D\data.ms

(22) Chrysene

21.438min (-0.012) 0.21 ng/ul m

response 3510

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	34.00	36.92
229.00	22.50	33.87#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043107.D
Acq On : 01 Dec 2023 05:08
Operator : MA/JU
Sample : 05459-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 01 05:39:28 2023
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Instrument :
BNA_M
ClientSampleId :
C0AJ4

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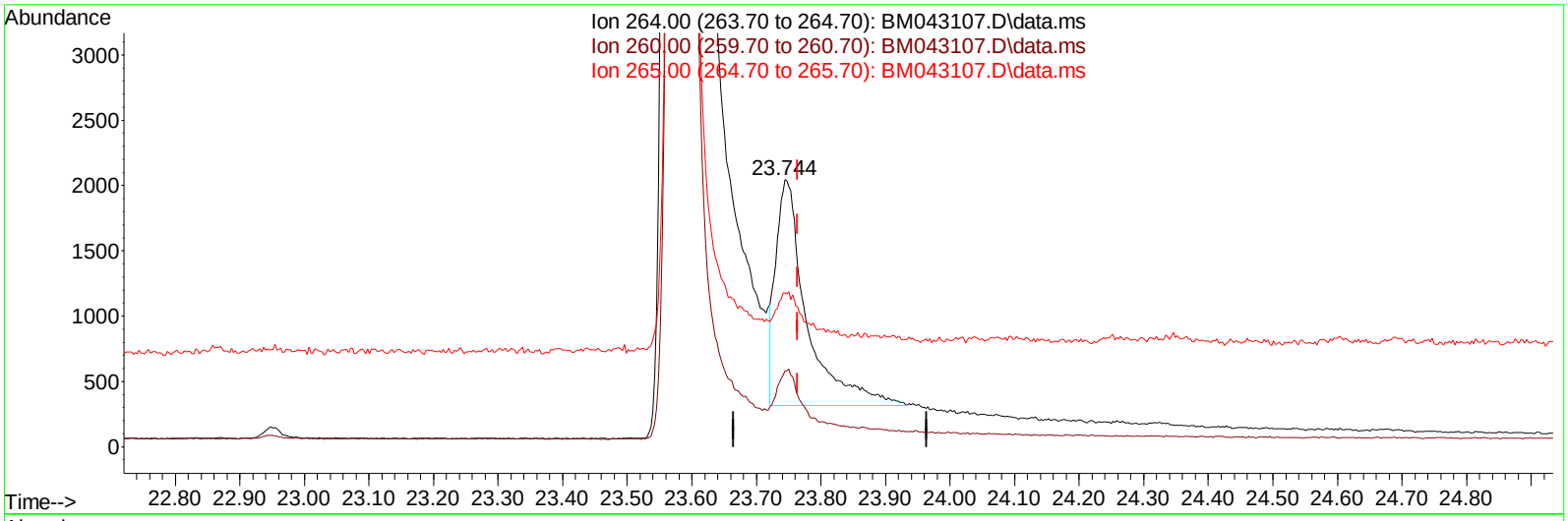
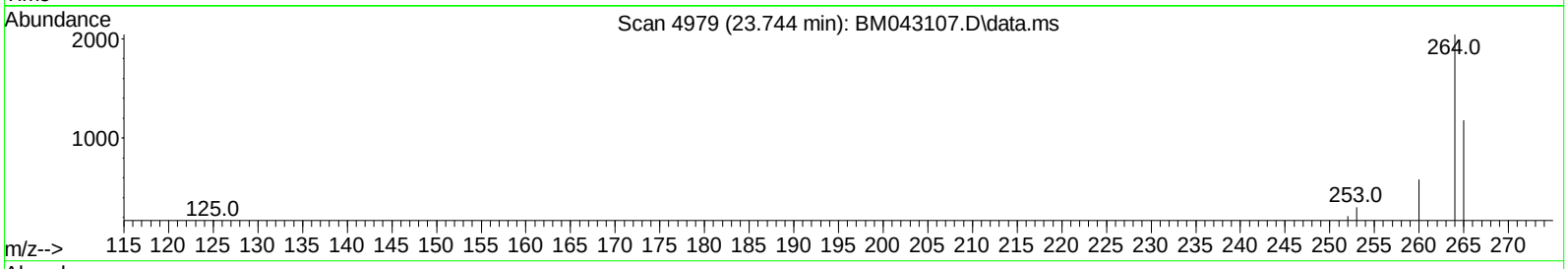
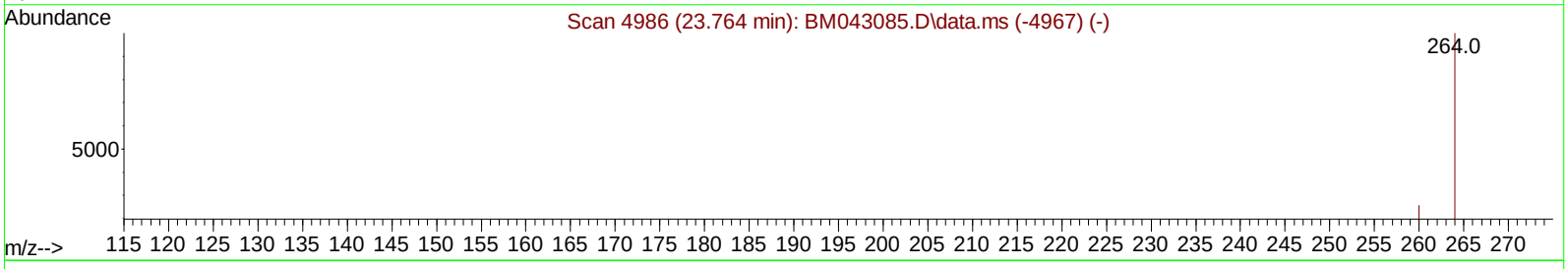
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/04/2023







TIC: BM043107.D\data.ms

(23) Perylene-d12 (I)

23.744min (-0.020) 0.40 ng/ul

response 5795

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	28.42
265.00	120.30	57.63#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043107.D
Acq On : 01 Dec 2023 05:08
Operator : MA/JU
Sample : 05459-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 01 05:39:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
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QLast Update : Fri Dec 01 00:42:42 2023
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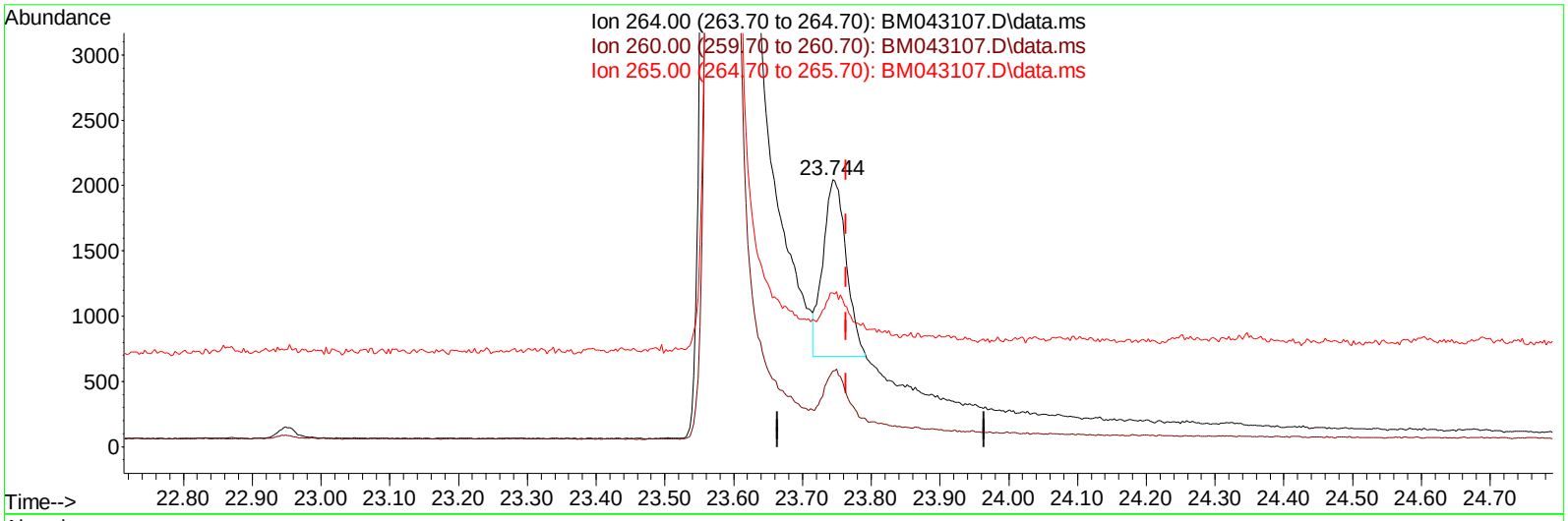
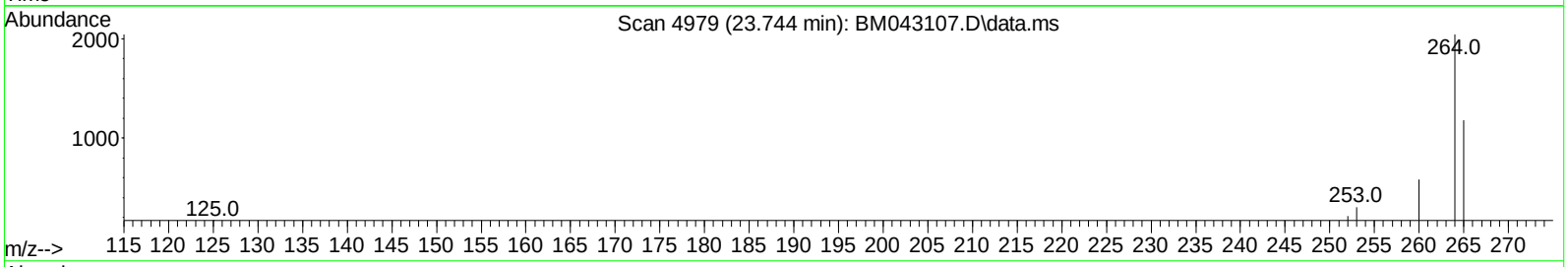
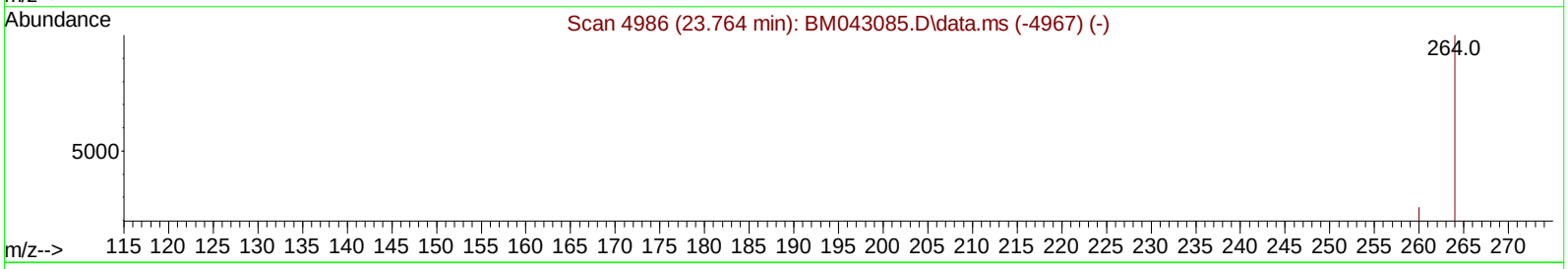
Instrument :
BNA_M
ClientSampleId :
C0AJ4

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/04/2023







TIC: BM043107.D\data.ms

(23) Perylene-d12 (I)

23.744min (-0.020) 0.40 ng/ul m

response 3195

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	28.42
265.00	120.30	57.63#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043107.D
Acq On : 01 Dec 2023 05:08
Operator : MA/JU
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BNA_M
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C0AJ4

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/04/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	1229m	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.601	136	3486	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.446	164	2124m	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.204	188	4444m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.400	240	2822m	0.400	ng/ul	-0.01
23) Perylene-d12	23.744	264	3195m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.159	96	4232	2.244	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.201	152	1479	0.317	ng/ul	-0.03
18) Fluoranthene-d10	19.234	212	3634	0.353	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.650	128	8243	0.870	ng/ul#	85
7) 2-Methylnaphthalene	12.273	142	9410	1.684	ng/ul	96
8) 1-Methylnaphthalene	12.487	142	6888	1.105	ng/ul	98
12) Fluorene	15.501	166	320	0.038	ng/ul#	82
15) Phenanthrene	17.242	178	16935	1.335	ng/ul	93
19) Fluoranthene	19.267	202	2206	0.138	ng/ul#	97
20) Pyrene	19.629	202	2537m	0.149	ng/ul	
21) Benzo(a)anthracene	21.385	228	742m	0.081	ng/ul	
22) Chrysene	21.438	228	3510m	0.206	ng/ul	
24) Benzo(b)fluoranthene	23.025	252	997	0.092	ng/ul#	54
29) Benzo(g,h,i)perylene	26.983	276	659	0.043	ng/ul#	62

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043107.D
Acq On : 01 Dec 2023 05:08
Operator : MA/JU
Sample : 05459-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

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