Quantitation Report (Qedit)

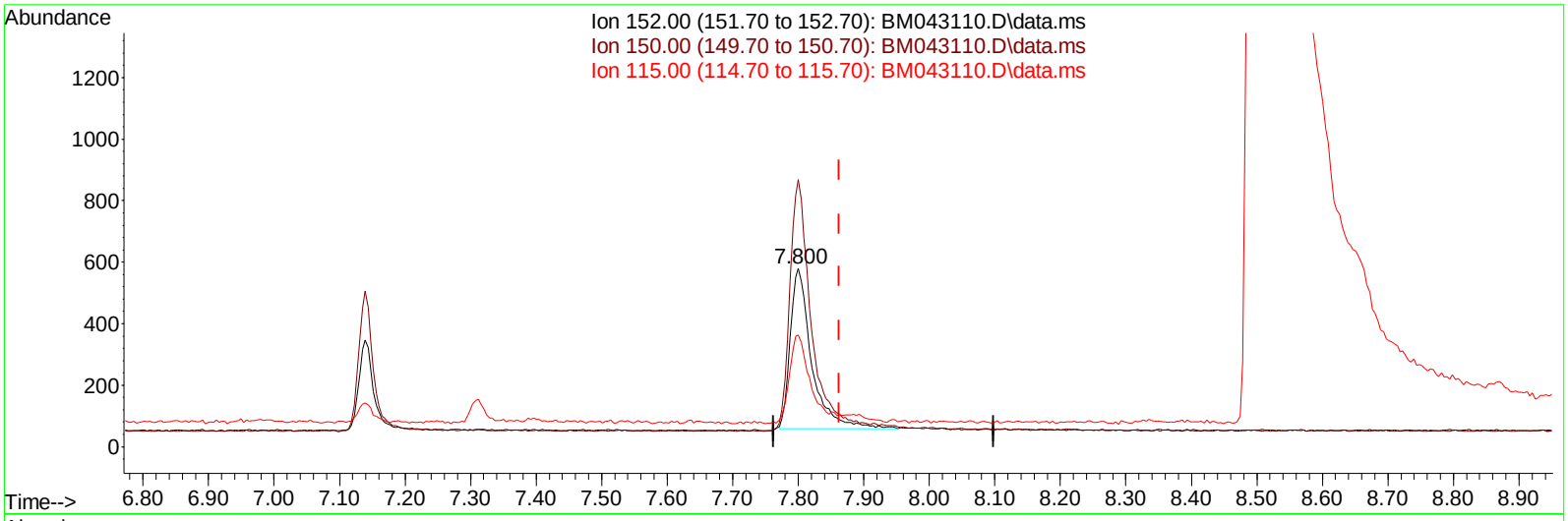
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043110.D
Acq On : 01 Dec 2023 06:57
Operator : MA/JU
Sample : 05459-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

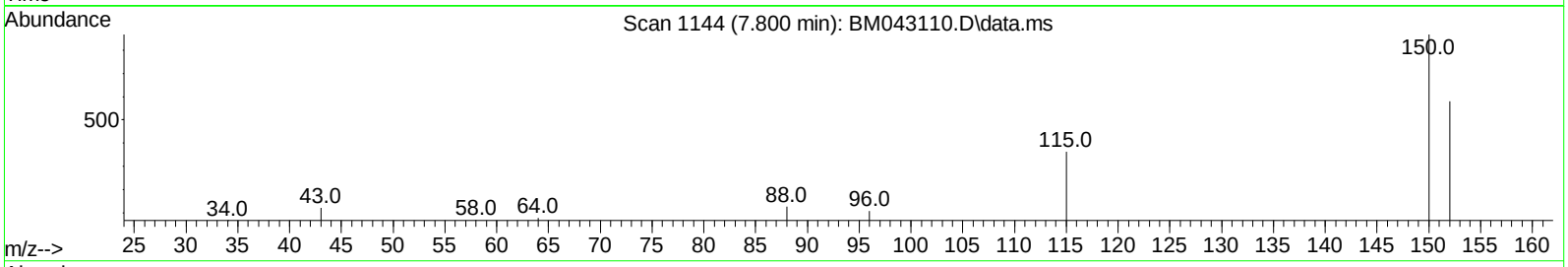
Quant Time: Dec 01 07:30:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 00:42:42 2023
Response via : Initial Calibration

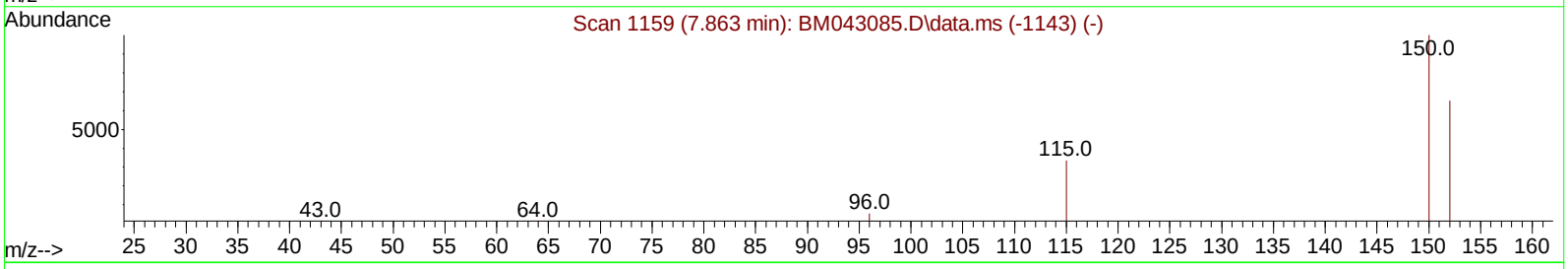
Instrument :
BNA_M
ClientSampleId :
C0AJ6

Manual IntegrationsAPPROVED

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







TIC: BM043110.D\data.ms

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

7.800min (-0.063) 0.40 ng/ul

response 1177

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	149.66#
115.00	89.60	62.59#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043110.D
Acq On : 01 Dec 2023 06:57
Operator : MA/JU
Sample : 05459-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Dec 01 07:30:43 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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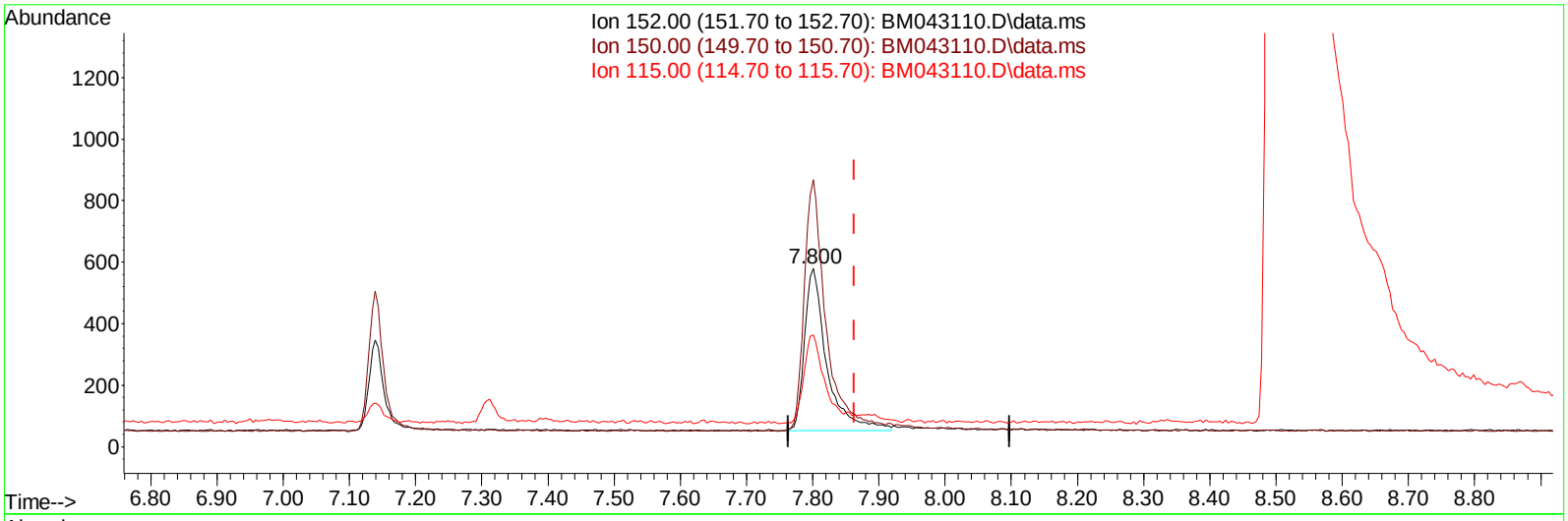
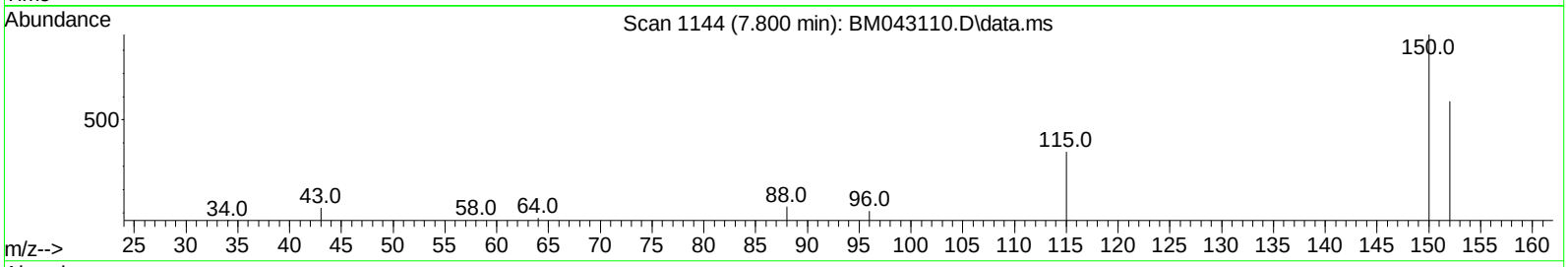
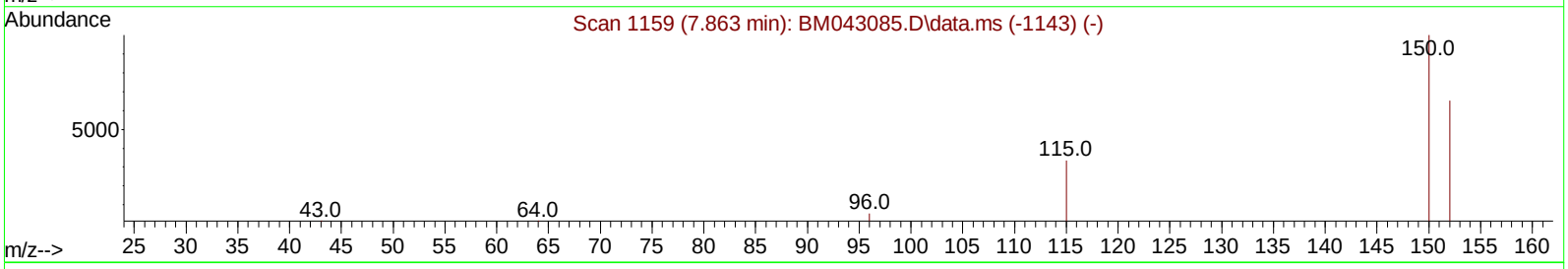
Instrument :
BNA_M
ClientSampleId :
C0AJ6

Manual IntegrationsAPPROVED

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







TIC: BM043110.D\data.ms

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

7.800min (-0.063) 0.40 ng/ul m

response 1235

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	149.66#
115.00	89.60	62.59#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043110.D
Acq On : 01 Dec 2023 06:57
Operator : MA/JU
Sample : 05459-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Dec 01 07:30:43 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
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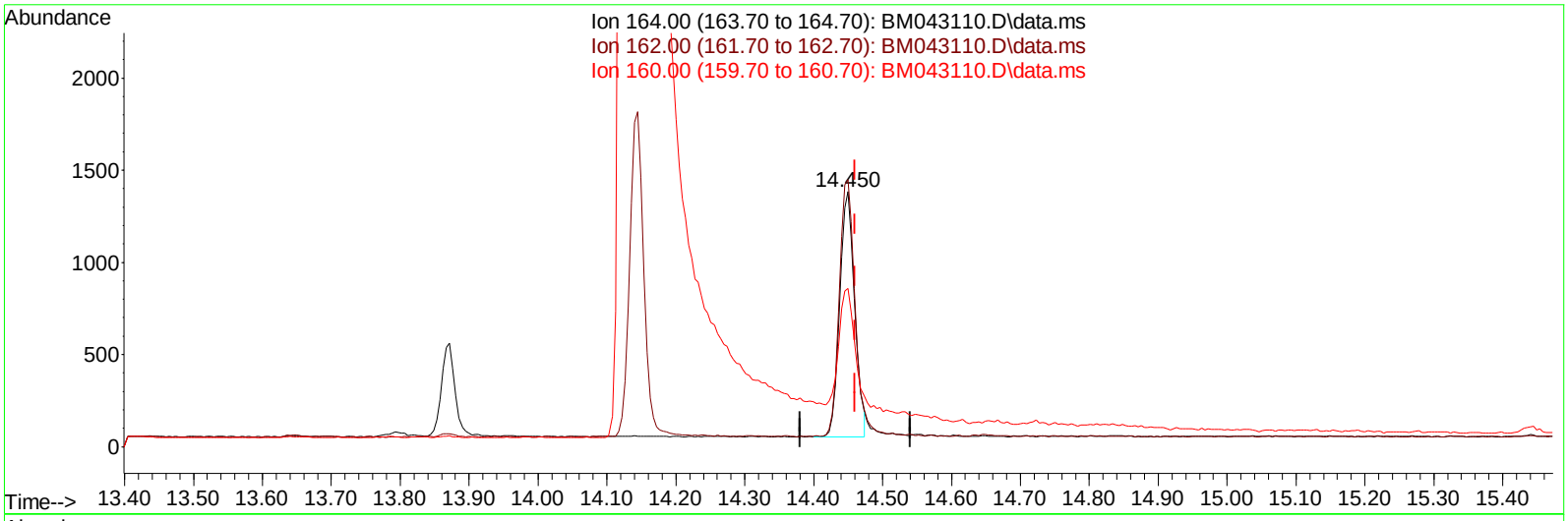
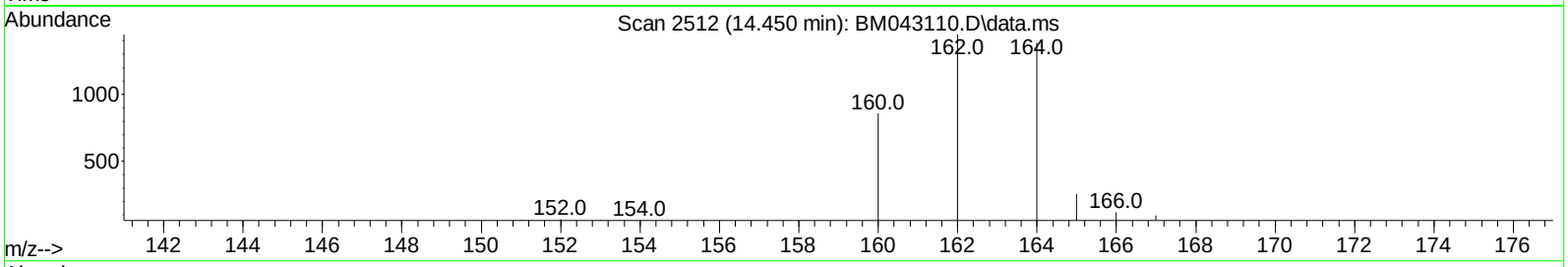
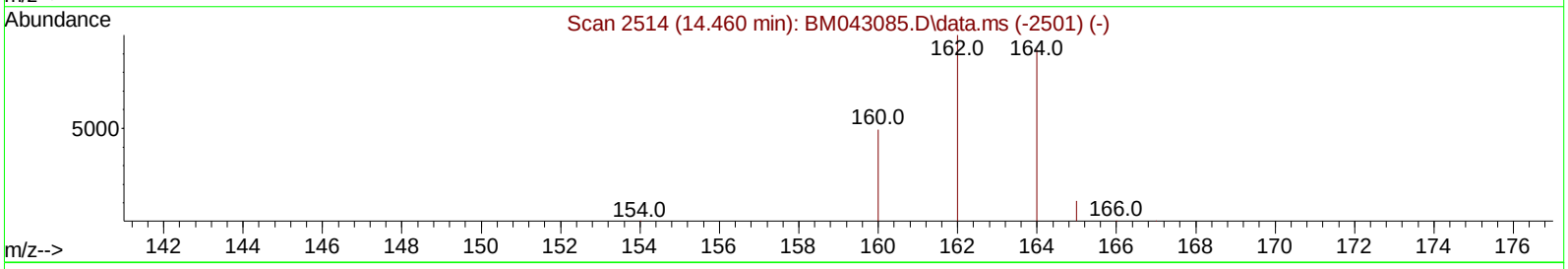
Instrument :
BNA_M
ClientSampleId :
C0AJ6

Manual IntegrationsAPPROVED

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







TIC: BM043110.D\data.ms

(9) Acenaphthene-d10 (I)

14.450min (-0.010) 0.40 ng/ul

response 2010

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	104.55
160.00	57.20	62.02
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043110.D
Acq On : 01 Dec 2023 06:57
Operator : MA/JU
Sample : 05459-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Dec 01 07:30:43 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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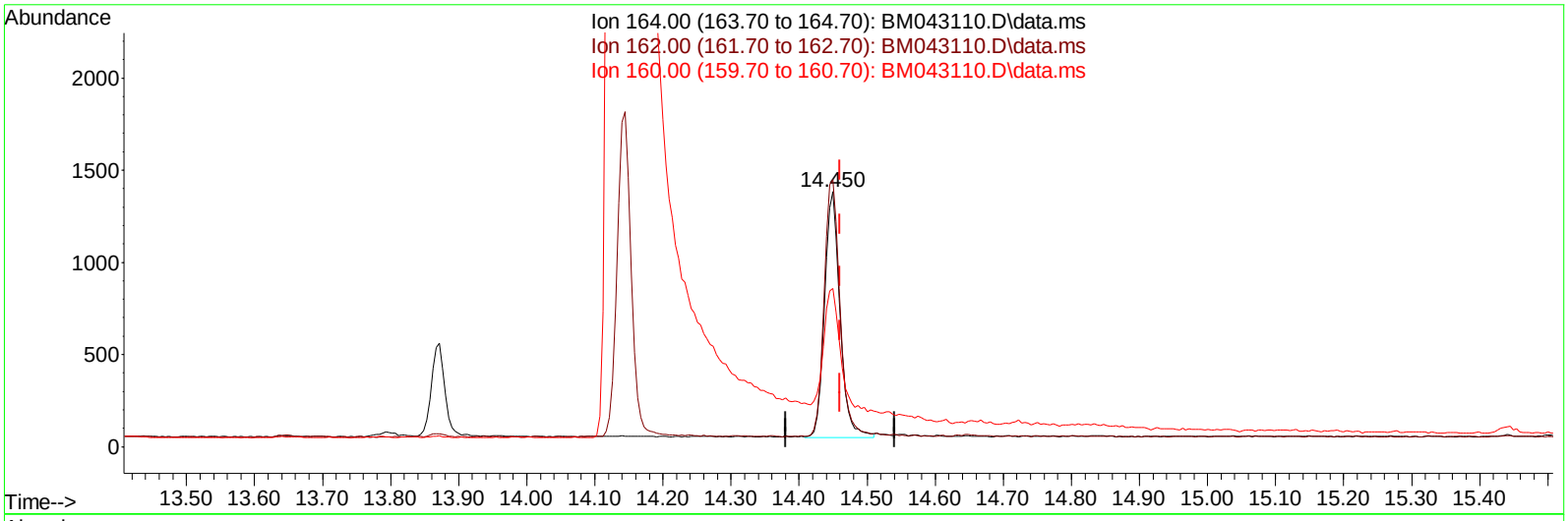
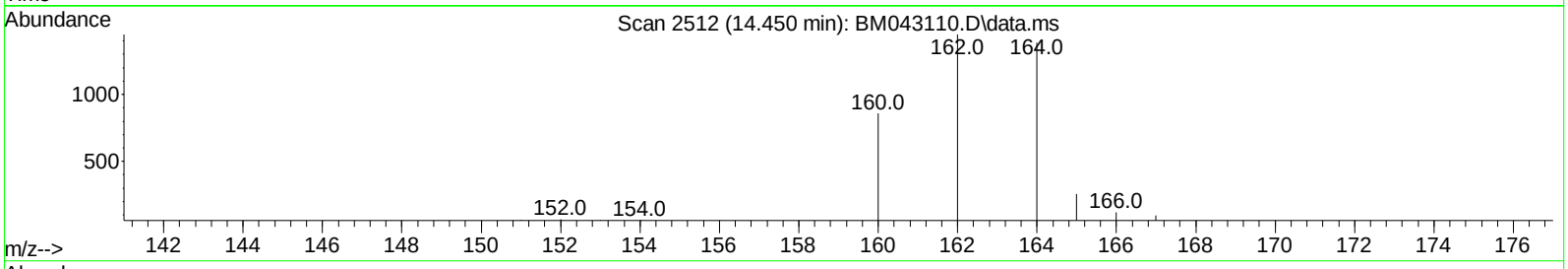
Response via : Initial Calibration

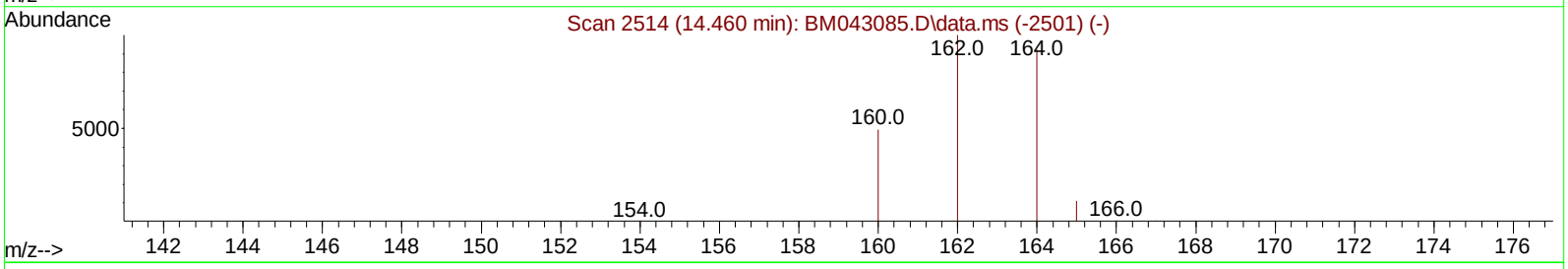
Instrument :
BNA_M
ClientSampleId :
C0AJ6

Manual IntegrationsAPPROVED

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







TIC: BM043110.D\data.ms

(9) Acenaphthene-d10 (I)

14.450min (-0.010) 0.40 ng/ul m

response 2117

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	104.55
160.00	57.20	62.02
0.00	0.00	0.00

Quantitation Report (Qedit)

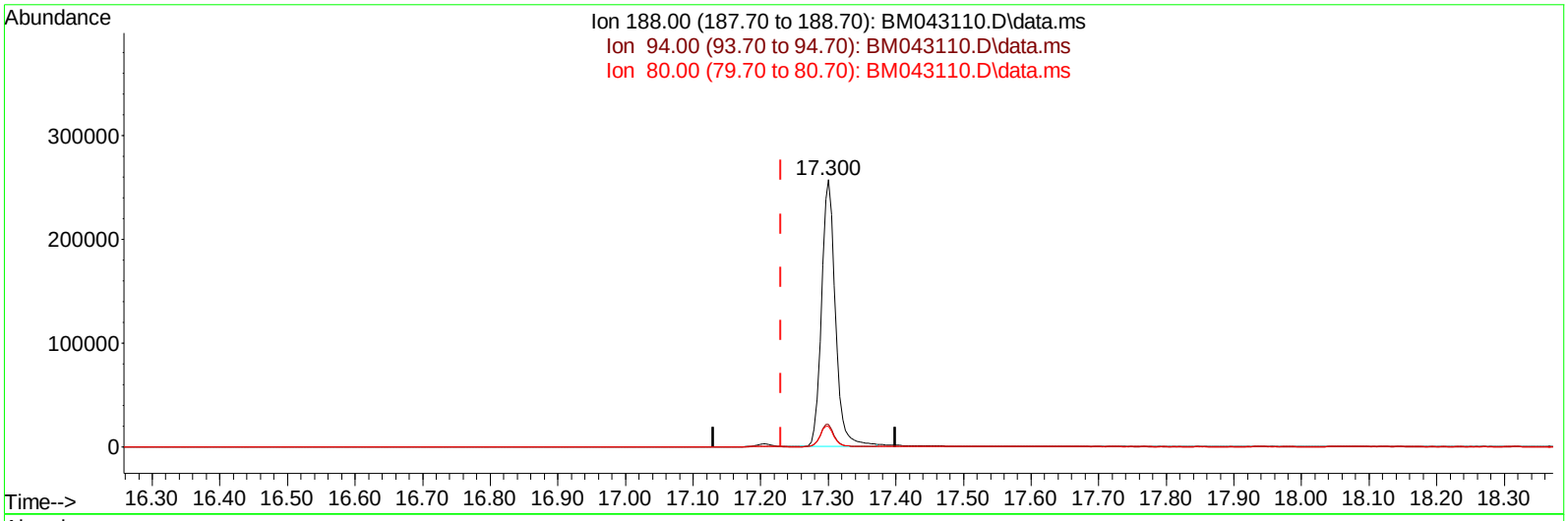
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043110.D
Acq On : 01 Dec 2023 06:57
Operator : MA/JU
Sample : 05459-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

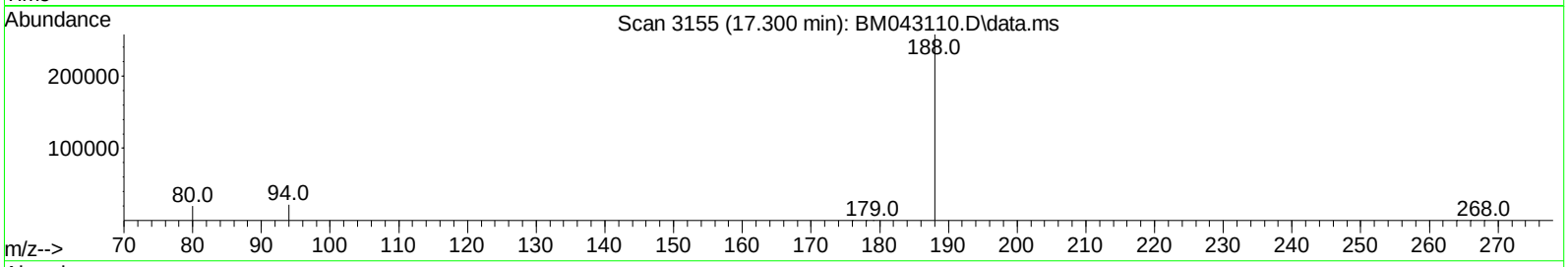
Quant Time: Dec 01 07:30:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 00:42:42 2023
Response via : Initial Calibration

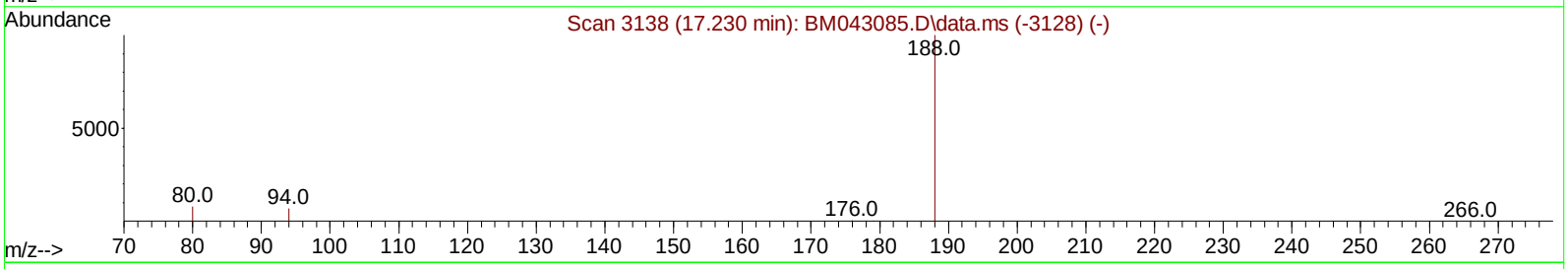
Instrument :
BNA_M
ClientSampleId :
C0AJ6

Manual IntegrationsAPPROVED

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







TIC: BM043110.D\data.ms

(13) Phenanthrene-d10 (I)

17.300min (+ 0.071) 0.40 ng/ul

response 368186

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.40	8.38#
80.00	12.70	7.69#
0.00	0.00	0.00

Quantitation Report (Qedit)

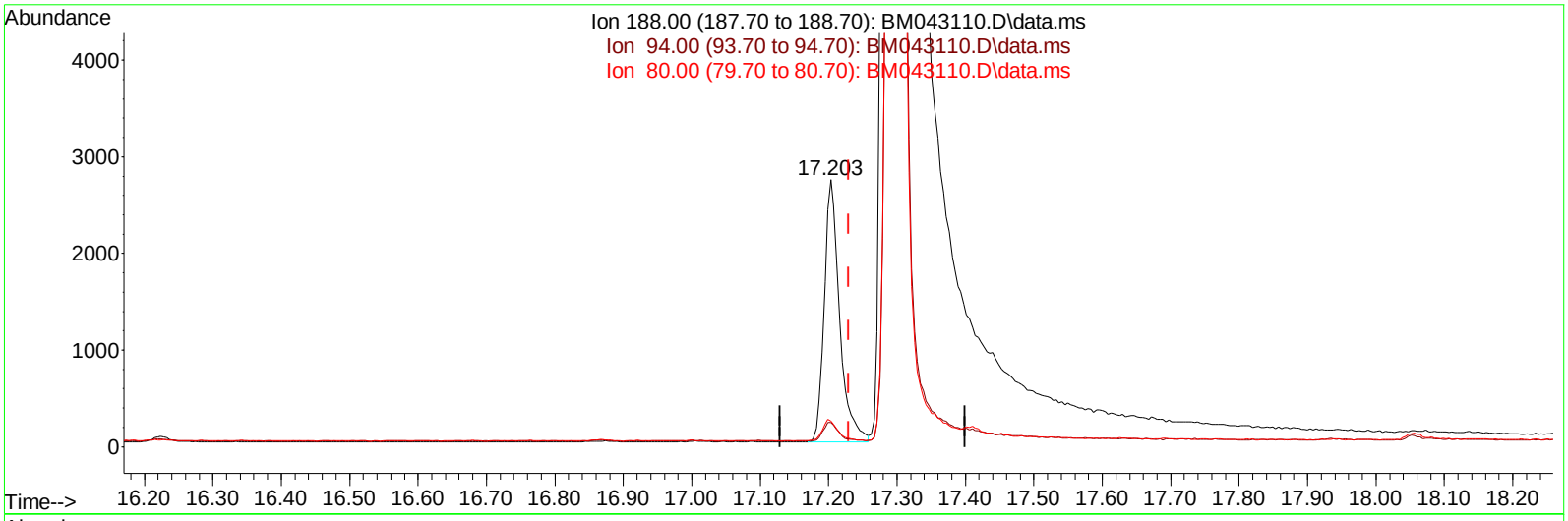
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043110.D
Acq On : 01 Dec 2023 06:57
Operator : MA/JU
Sample : 05459-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

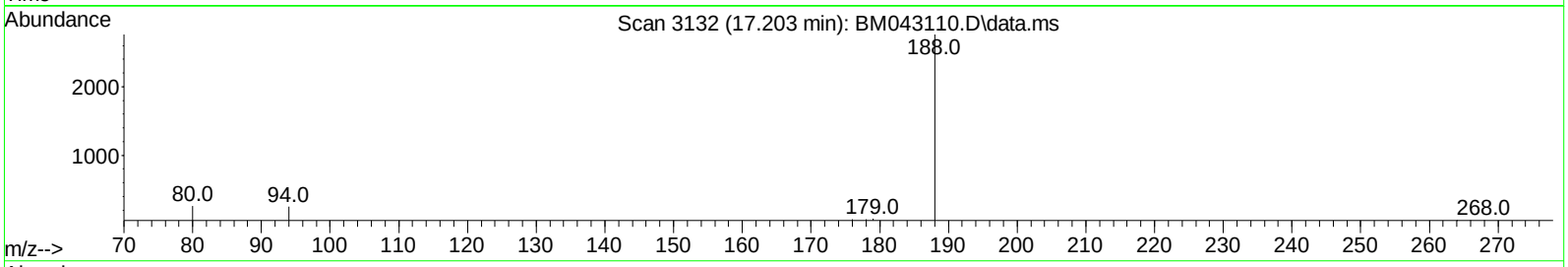
Quant Time: Dec 01 07:30:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 00:42:42 2023
Response via : Initial Calibration

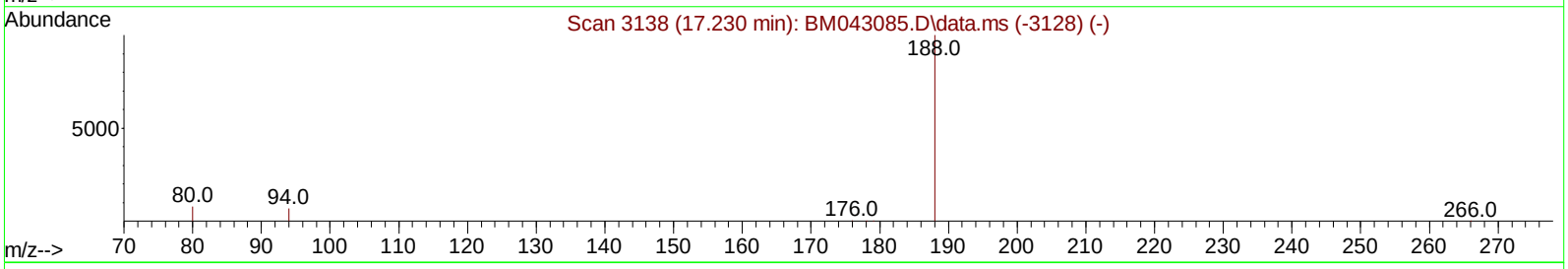
Instrument :
BNA_M
ClientSampleId :
C0AJ6

Manual IntegrationsAPPROVED

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







TIC: BM043110.D\data.ms

(13) Phenanthrene-d10 (I)

17.203min (-0.027) 0.40 ng/ul m

response 4236

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.40	9.02#
80.00	12.70	9.52#
0.00	0.00	0.00

Quantitation Report (Qedit)

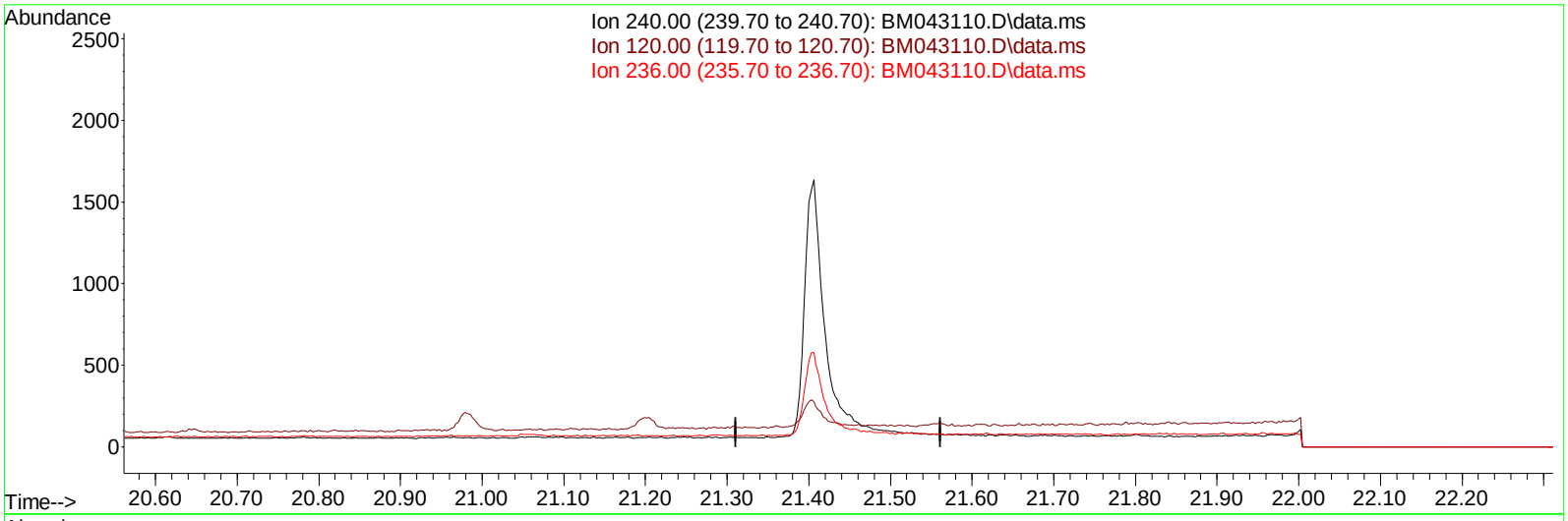
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043110.D
Acq On : 01 Dec 2023 06:57
Operator : MA/JU
Sample : 05459-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

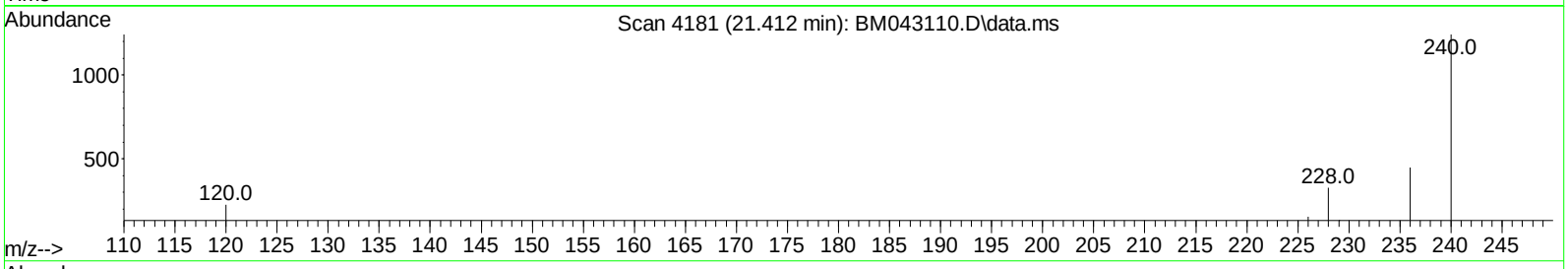
Quant Time: Dec 01 07:30:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 00:42:42 2023
Response via : Initial Calibration

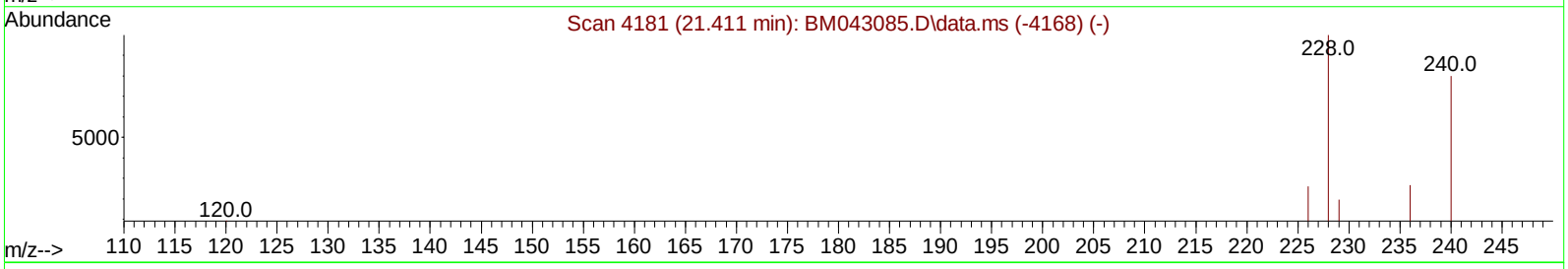
Instrument :
BNA_M
ClientSampleId :
C0AJ6

Manual IntegrationsAPPROVED

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







TIC: BM043110.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 : BM043110.D
Acq On : 01 Dec 2023 06:57
Operator : MA/JU
Sample : 05459-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Dec 01 07:30:43 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
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Instrument :
BNA_M
ClientSampleId :
C0AJ6

Manual IntegrationsAPPROVED

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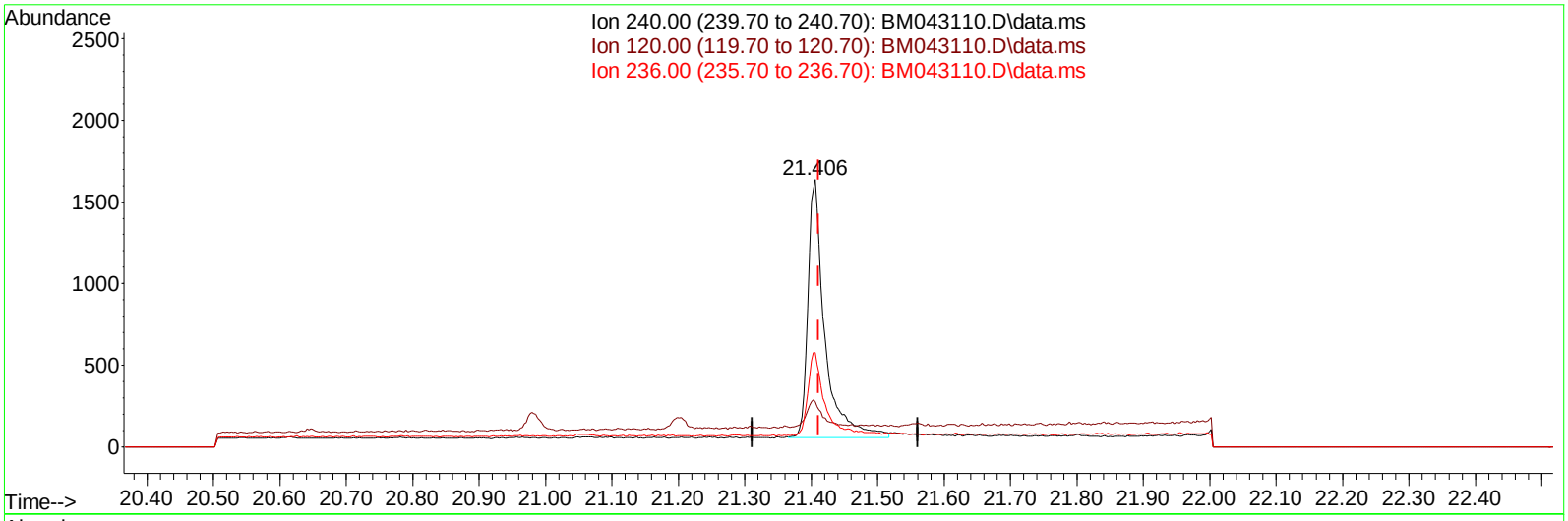

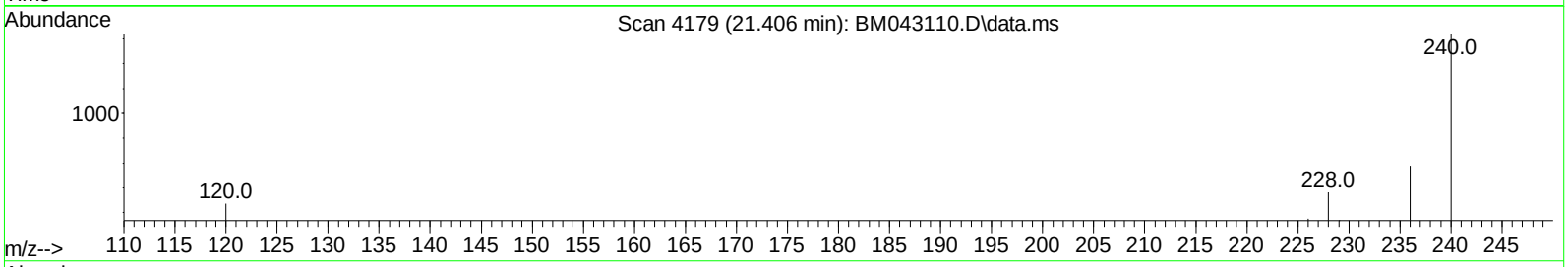

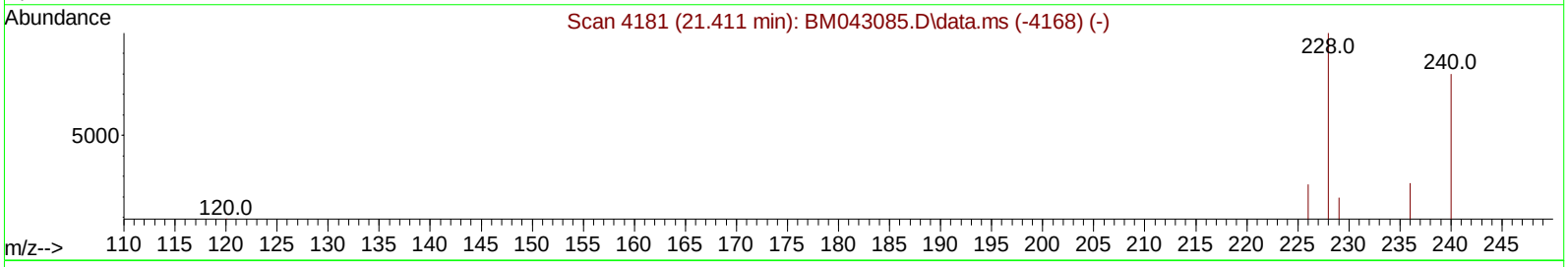

TIC: BM043110.D\data.ms

(17) Chrysene-d12

21.406min (-0.005) 0.40 ng/ul m

response 2811

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	22.80	16.75#
236.00	38.50	35.33
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043110.D
Acq On : 01 Dec 2023 06:57
Operator : MA/JU
Sample : 05459-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Dec 01 07:30:43 2023
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Manual IntegrationsAPPROVED

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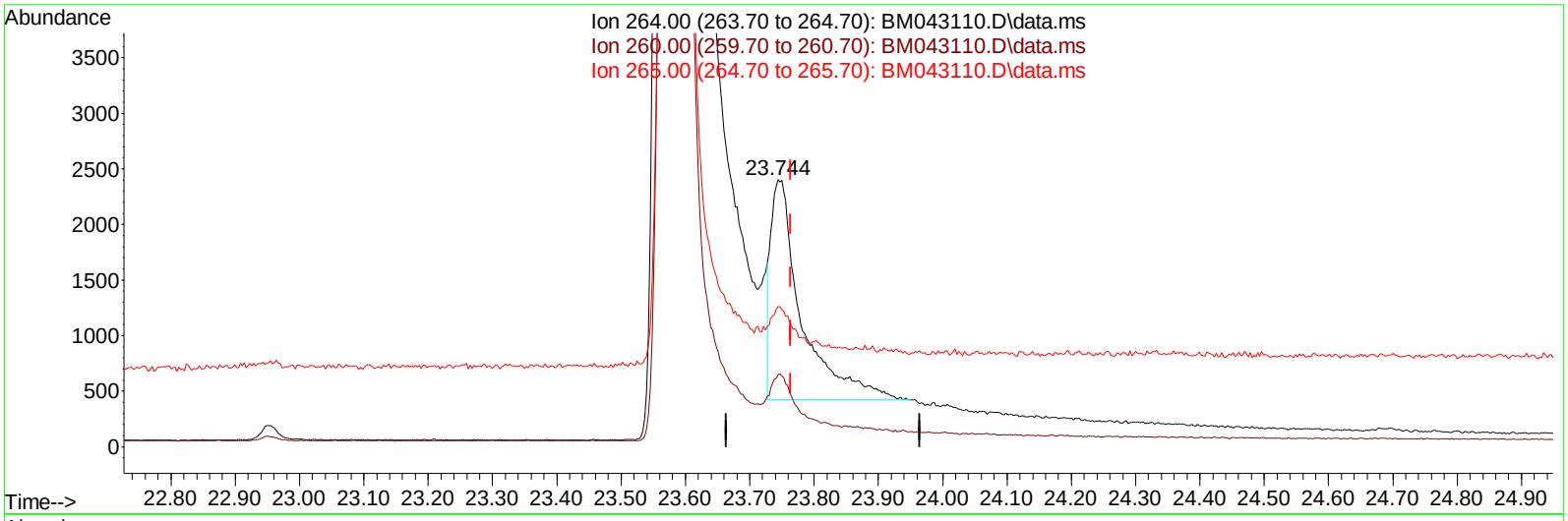

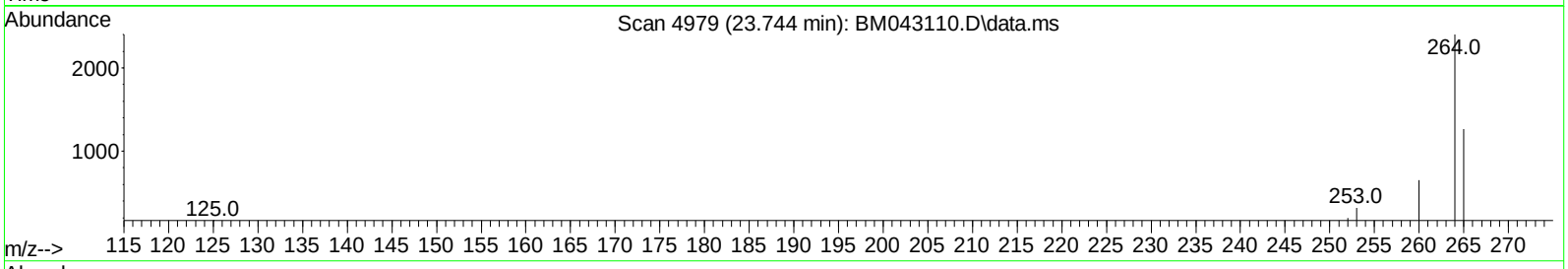

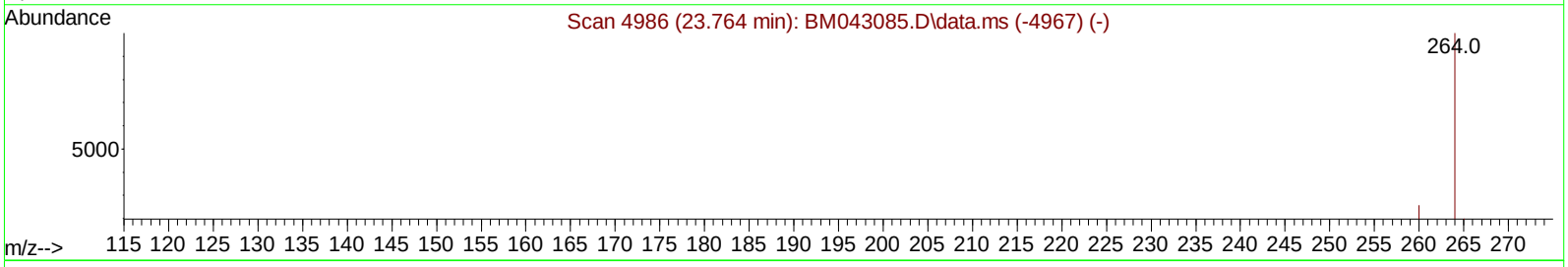

TIC: BM043110.D\data.ms

(23) Perylene-d12 (I)

23.744min (-0.020) 0.40 ng/ul

response 6665

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	27.02#
265.00	120.30	52.58#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043110.D
Acq On : 01 Dec 2023 06:57
Operator : MA/JU
Sample : 05459-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Dec 01 07:30:43 2023
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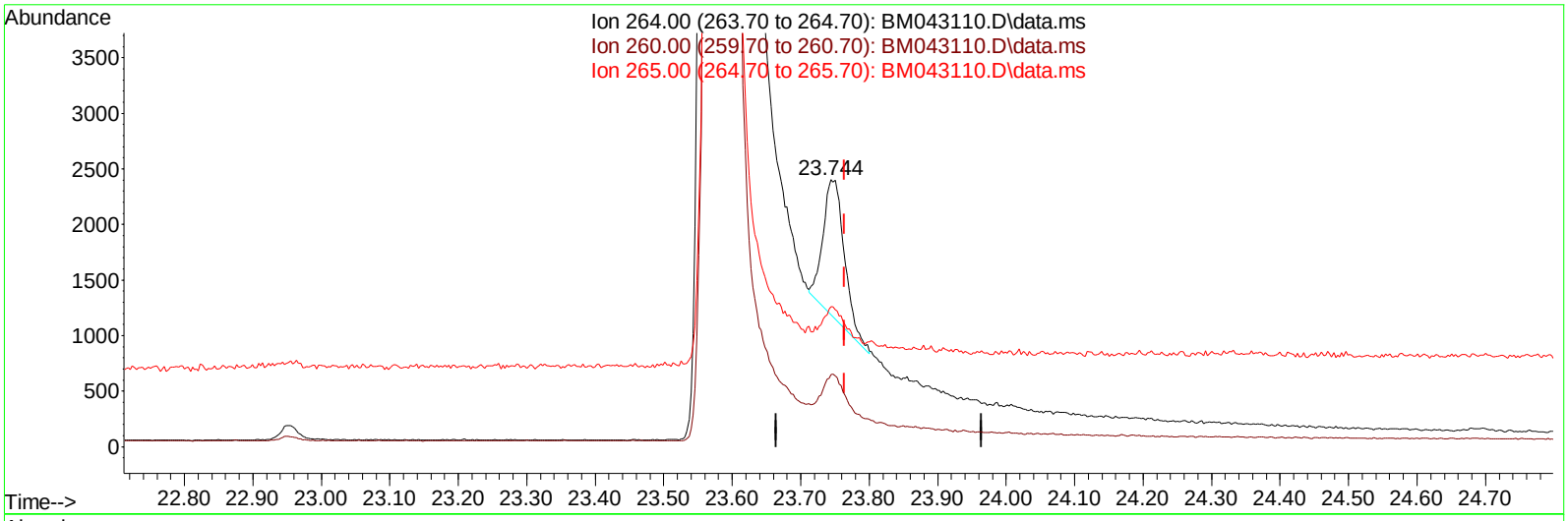

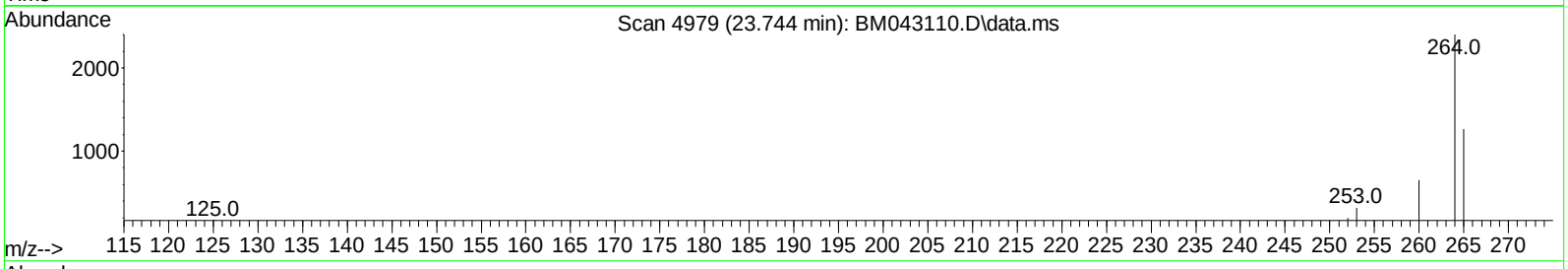

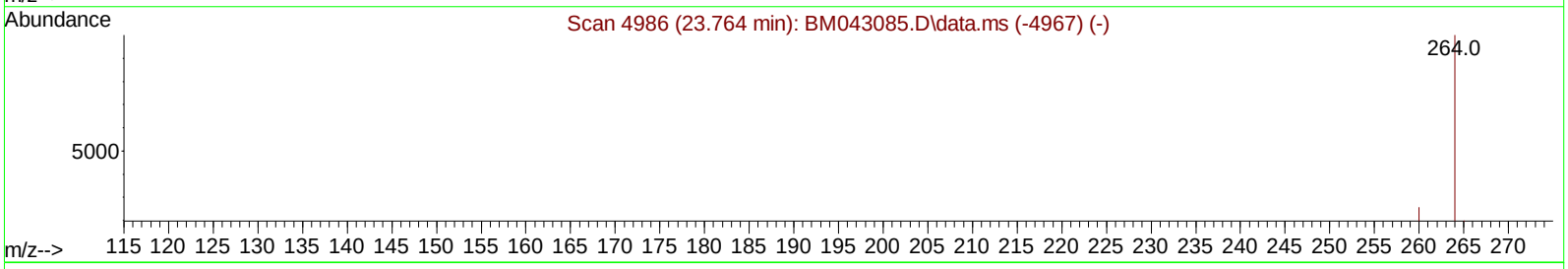

TIC: BM043110.D\data.ms

(23) Perylene-d12 (I)

23.744min (-0.020) 0.40 ng/ul m

response 2630

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	27.02#
265.00	120.30	52.58#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043110.D
Acq On : 01 Dec 2023 06:57
Operator : MA/JU
Sample : 05459-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Dec 01 07:30:43 2023
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ClientSampleId :
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Manual IntegrationsAPPROVED

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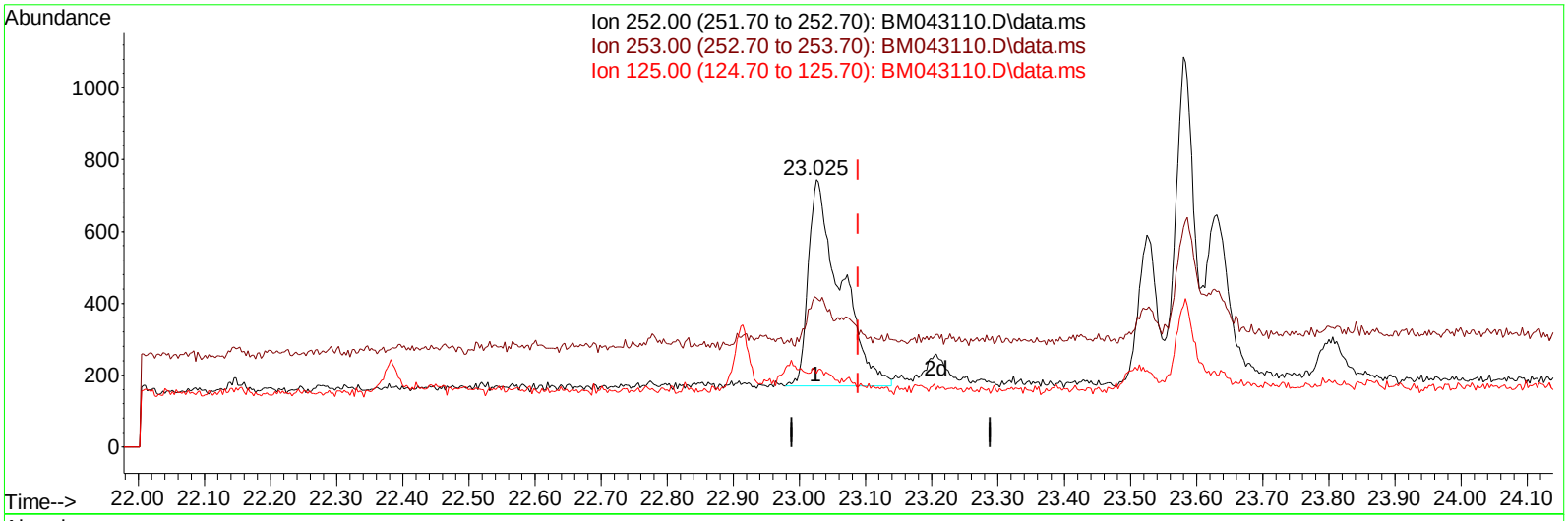
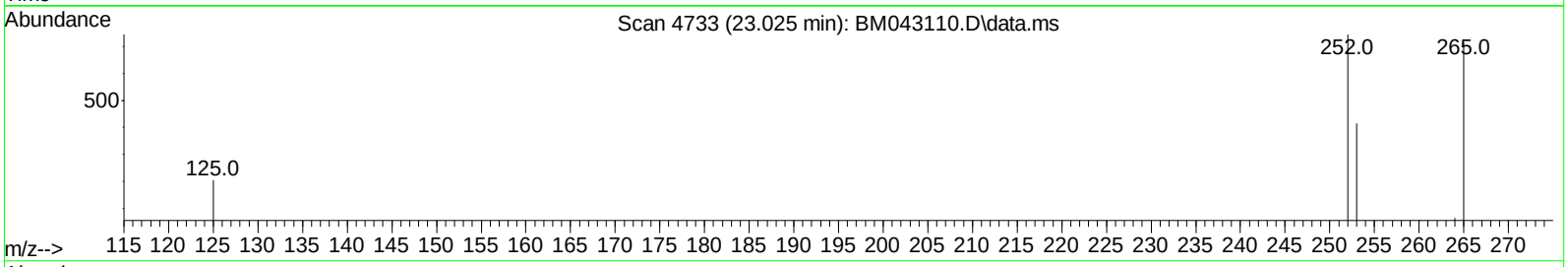
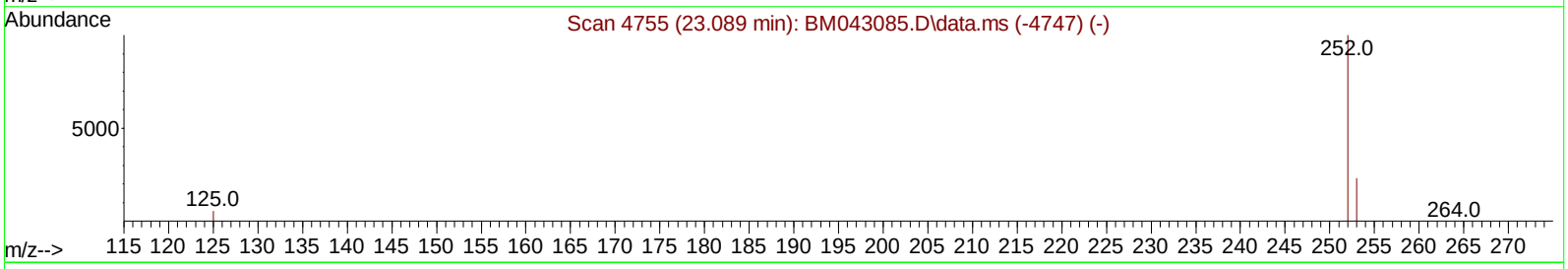






TIC: BM043110.D\data.ms

(25) Benzo(k)fluoranthene

23.025min (-0.064) 0.16 ng/ul

response 1957

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.20	55.78#
125.00	13.80	27.42#
0.00	0.00	0.00

Quantitation Report (Qedit)

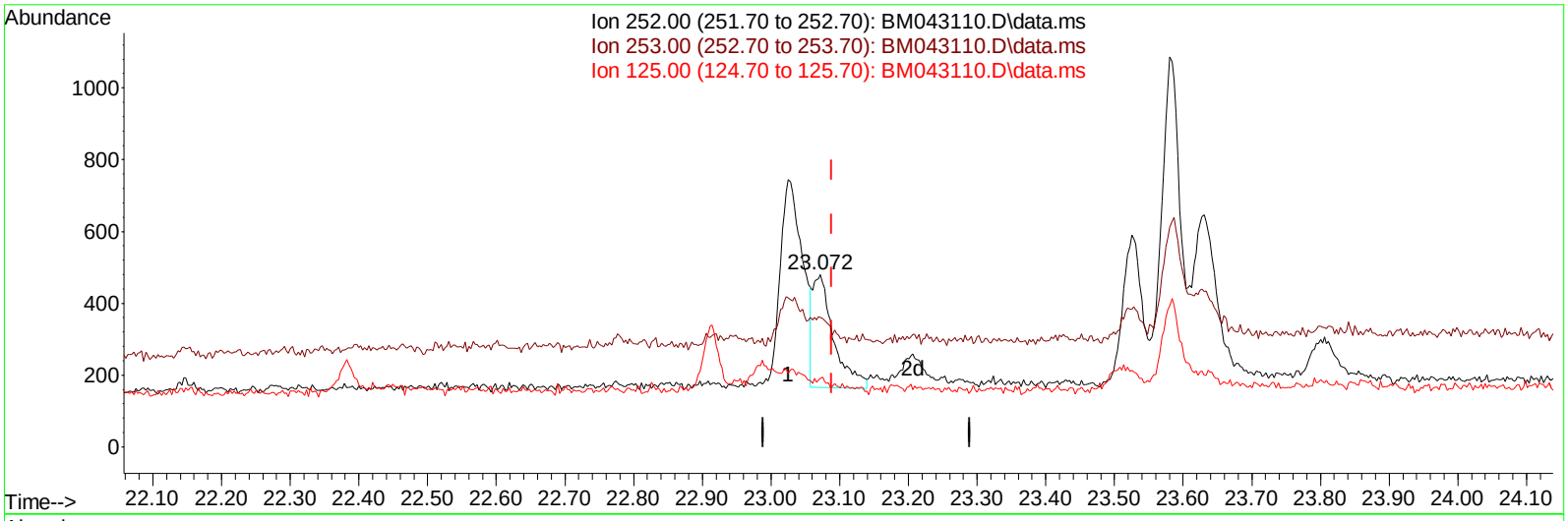
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043110.D
Acq On : 01 Dec 2023 06:57
Operator : MA/JU
Sample : 05459-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

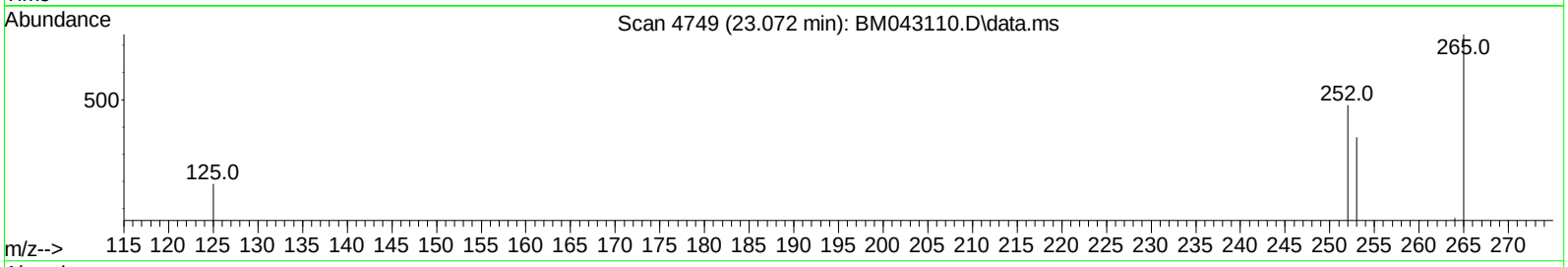
Quant Time: Dec 01 07:30:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 00:42:42 2023
Response via : Initial Calibration

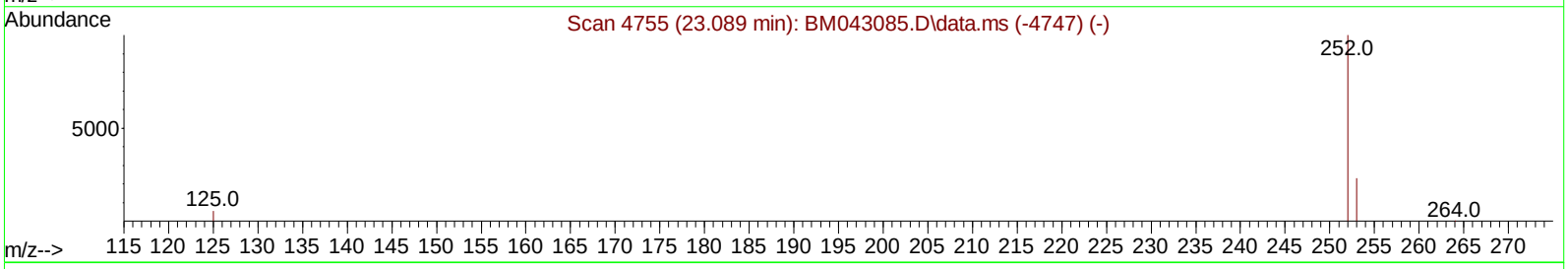
Instrument :
BNA_M
ClientSampleId :
C0AJ6

Manual IntegrationsAPPROVED

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







TIC: BM043110.D\data.ms

(25) Benzo(k)fluoranthene

23.072min (-0.017) 0.05 ng/ul m

response 658

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.20	75.21#
125.00	13.80	39.58#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043110.D
Acq On : 01 Dec 2023 06:57
Operator : MA/JU
Sample : 05459-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Dec 01 07:30:43 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
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Instrument :
BNA_M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	1235m	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.600	136	3532	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.450	164	2117m	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.203	188	4236m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.406	240	2811m	0.400	ng/ul	0.00
23) Perylene-d12	23.744	264	2630m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.155	96	6272	3.310	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.205	152	1934	0.409	ng/ul	-0.03
18) Fluoranthene-d10	19.233	212	4600	0.449	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.649	128	1134	0.118	ng/ul	98
7) 2-Methylnaphthalene	12.288	142	936	0.165	ng/ul	100
8) 1-Methylnaphthalene	12.497	142	826	0.131	ng/ul	95
15) Phenanthrene	17.245	178	1495	0.124	ng/ul	95
19) Fluoranthene	19.266	202	2570	0.161	ng/ul	97
20) Pyrene	19.628	202	2413	0.142	ng/ul#	87
21) Benzo(a)anthracene	21.391	228	1063	0.117	ng/ul#	85
22) Chrysene	21.444	228	930	0.055	ng/ul#	89
24) Benzo(b)fluoranthene	23.025	252	1270	0.143	ng/ul	67
25) Benzo(k)fluoranthene	23.072	252	658m	0.054	ng/ul	
27) Indeno(1,2,3-cd)pyrene	26.229	276	760	0.058	ng/ul#	99
29) Benzo(g,h,i)perylene	26.990	276	834	0.065	ng/ul#	72

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043110.D
Acq On : 01 Dec 2023 06:57
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