Quantitation Report (Qedit)

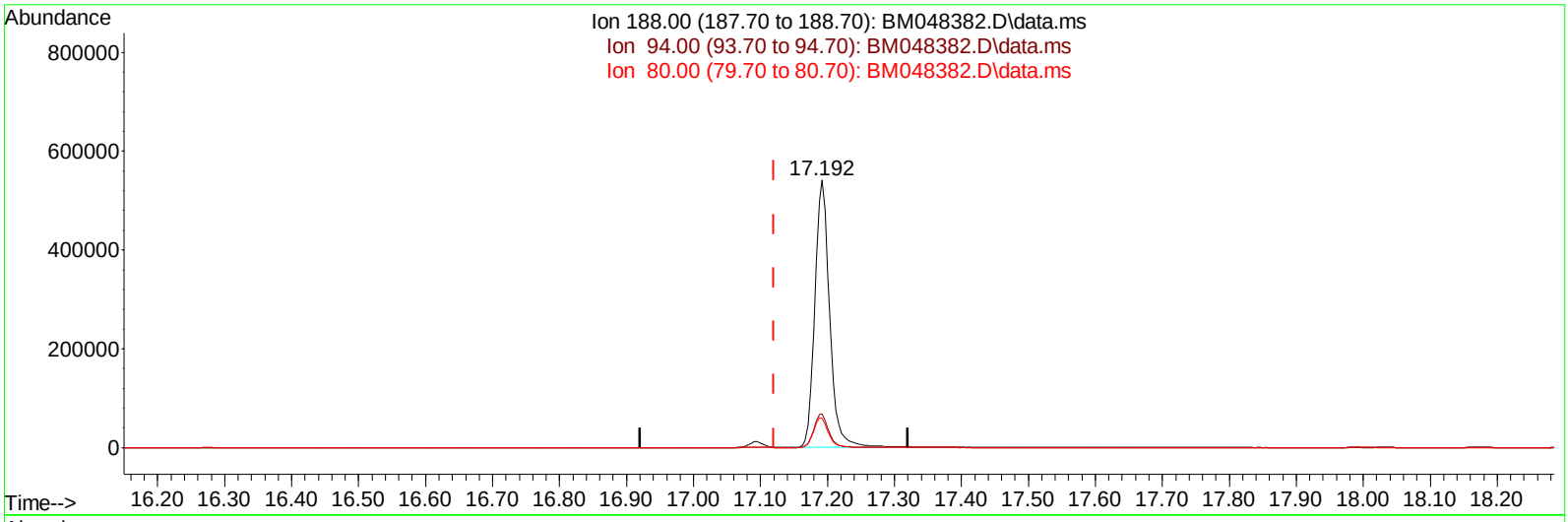
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048382.D
Acq On : 01 Nov 2024 06:30
Operator : RC/JU
Sample : P4592-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

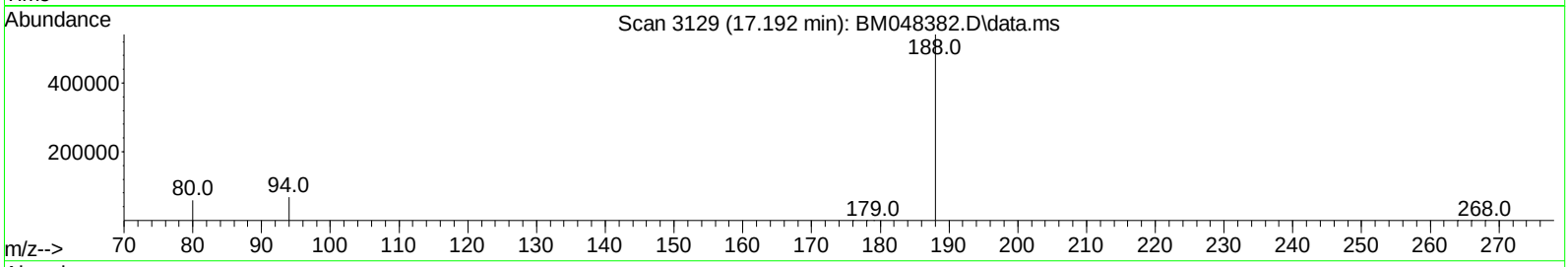
Quant Time: Nov 03 07:05:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration

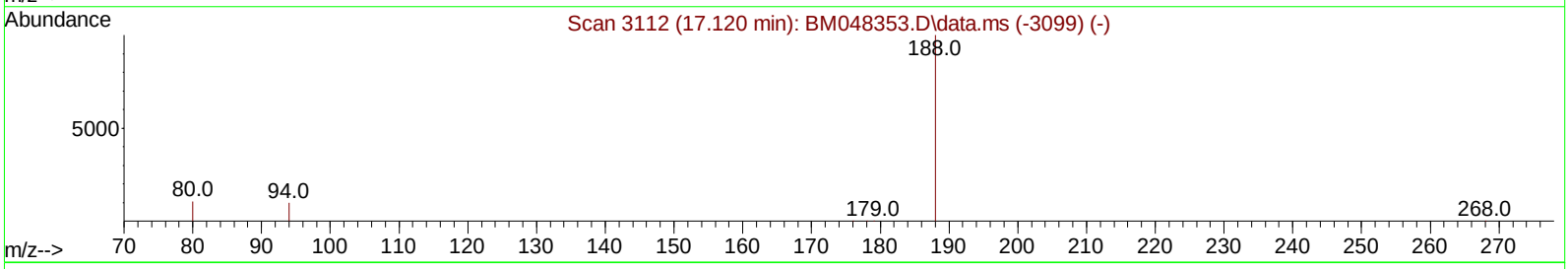
Instrument :
BNA_M
ClientSampleId :
F7H05

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024







TIC: BM048382.D\data.ms

(13) Phenanthrene-d10 (I)

17.192min (+ 0.072) 0.40 ng/ul

response 831155

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.50	12.66
80.00	12.10	10.96
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048382.D
Acq On : 01 Nov 2024 06:30
Operator : RC/JU
Sample : P4592-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Nov 03 07:05:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
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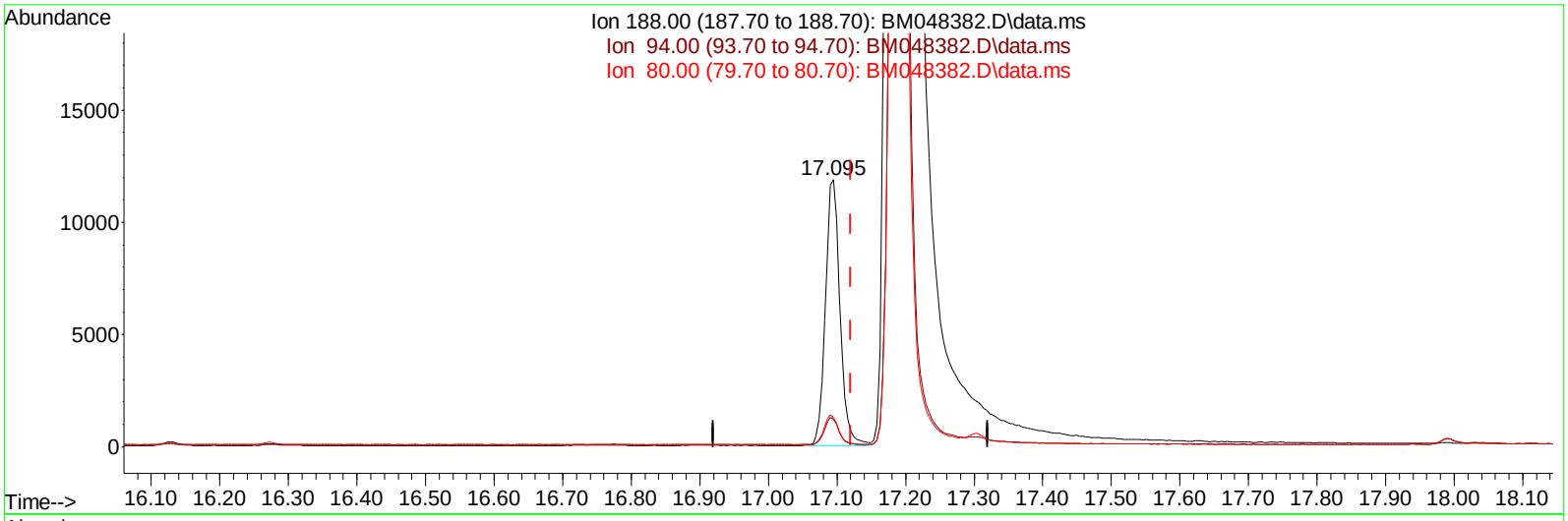
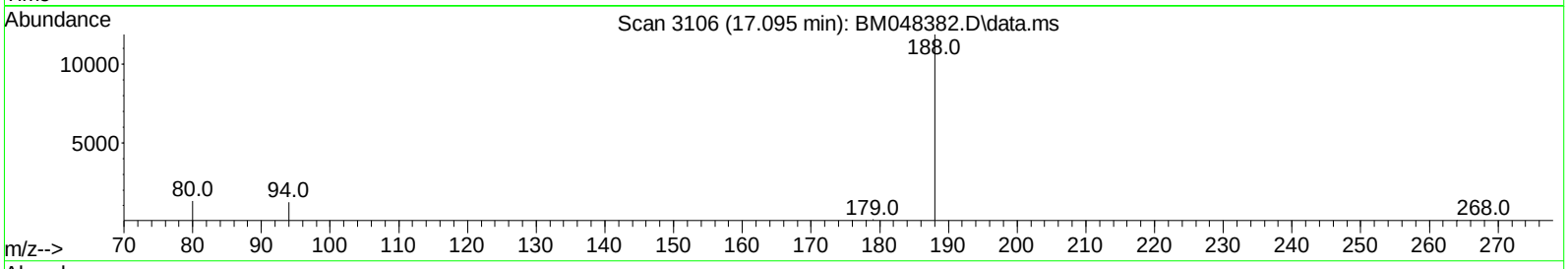
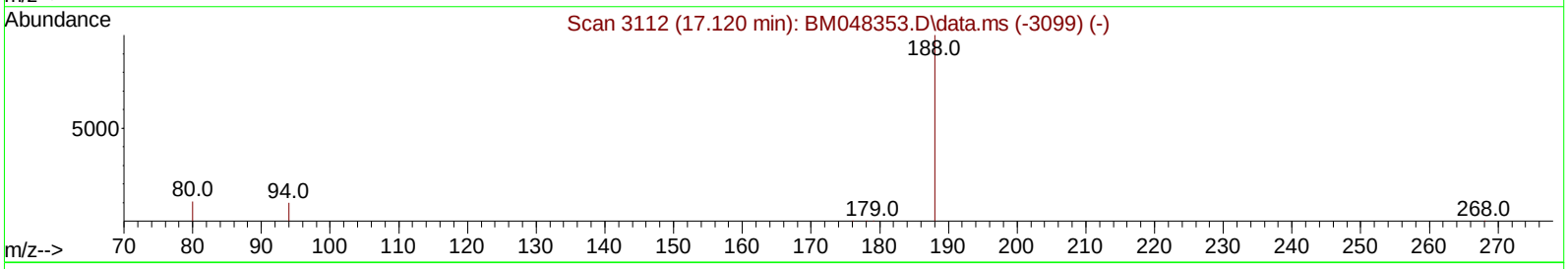
Instrument :
BNA_M
ClientSampleId :
F7H05

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024







TIC: BM048382.D\data.ms

(13) Phenanthrene-d10 (I)

17.095min (-0.025) 0.40 ng/ul m

response 17407

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.50	10.30
80.00	12.10	10.88
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048382.D
Acq On : 01 Nov 2024 06:30
Operator : RC/JU
Sample : P4592-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Nov 03 07:05:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
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Instrument :
BNA_M
ClientSampleId :
F7H05

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/04/2024
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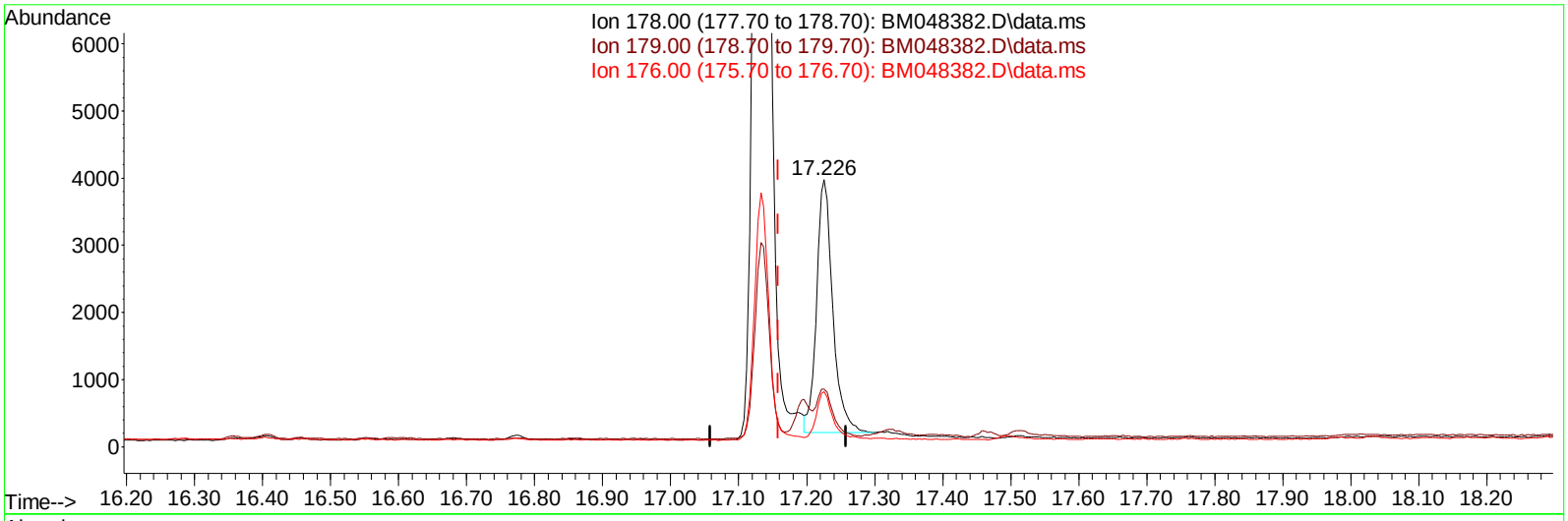
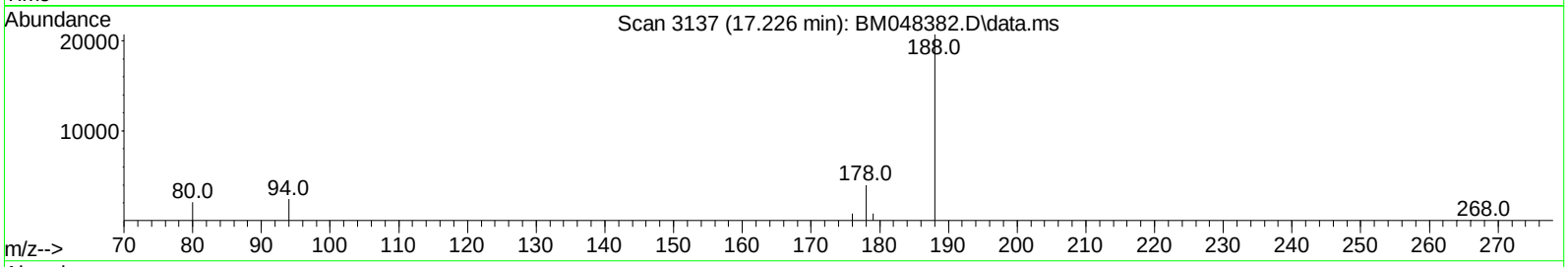
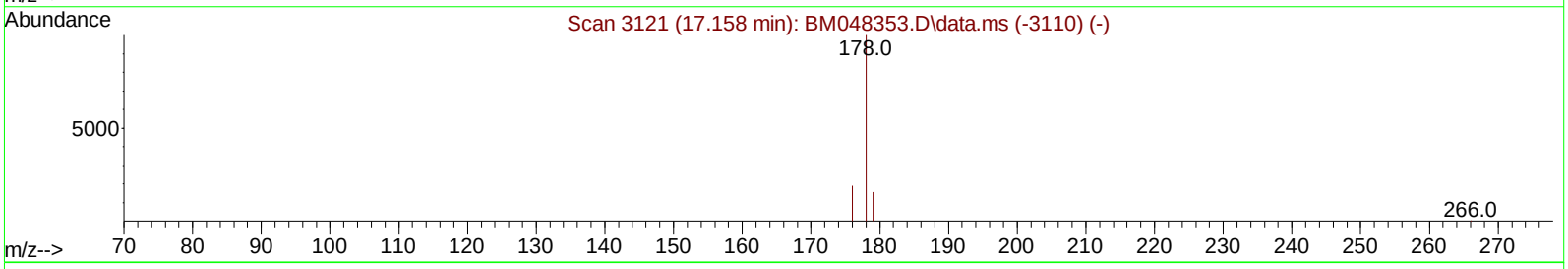






TIC: BM048382.D\data.ms

(15) Phenanthrene

17.226min (+ 0.068) 0.14 ng/ul

response 6233

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.40	21.55#
176.00	20.00	20.60
0.00	0.00	0.00

Quantitation Report (Qedit)

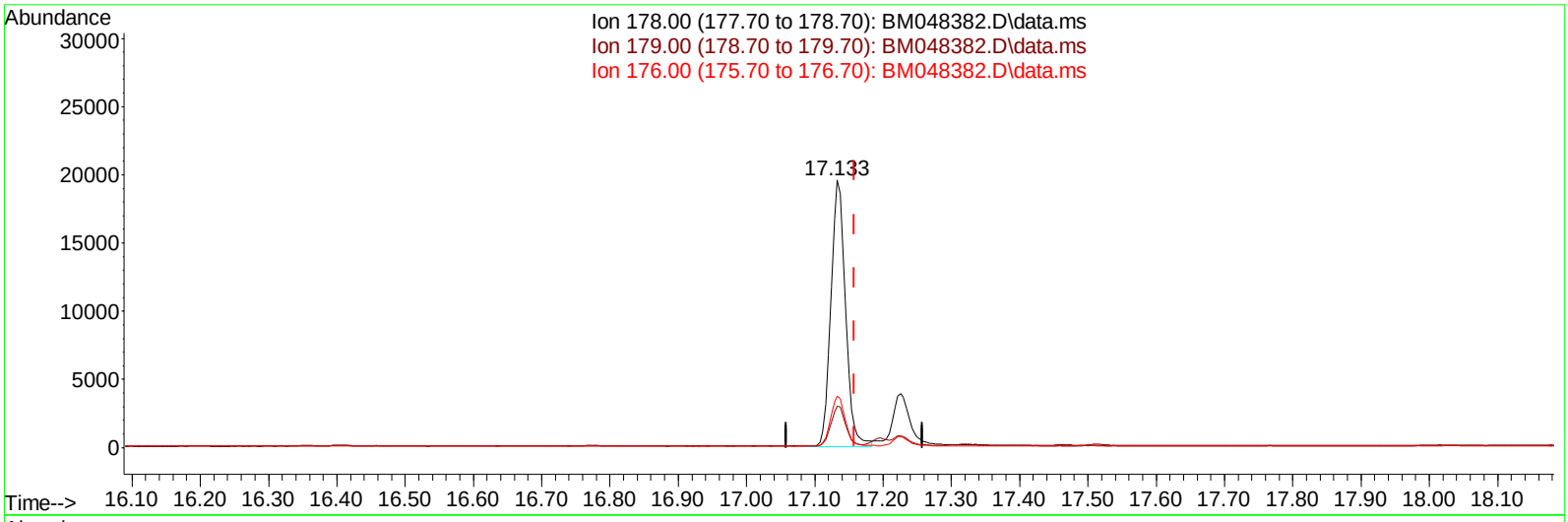
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048382.D
Acq On : 01 Nov 2024 06:30
Operator : RC/JU
Sample : P4592-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

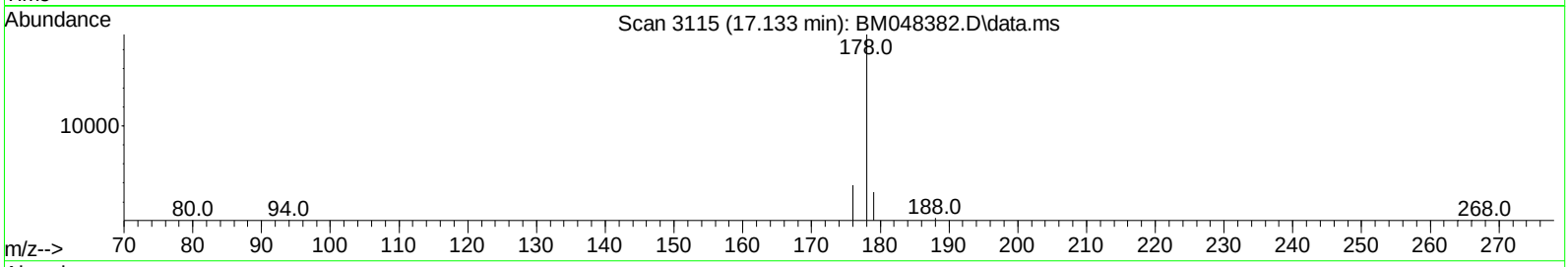
Quant Time: Nov 03 07:05:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration

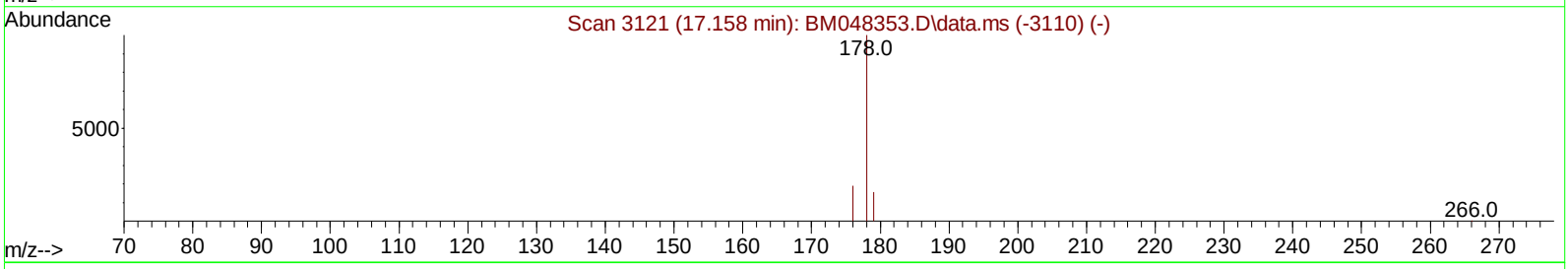
Instrument :
BNA_M
ClientSampleId :
F7H05

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024







TIC: BM048382.D\data.ms

(15) Phenanthrene

17.133min (-0.025) 0.67 ng/ul m

response 28930

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.40	15.49
176.00	20.00	19.31
0.00	0.00	0.00

Quantitation Report (Qedit)

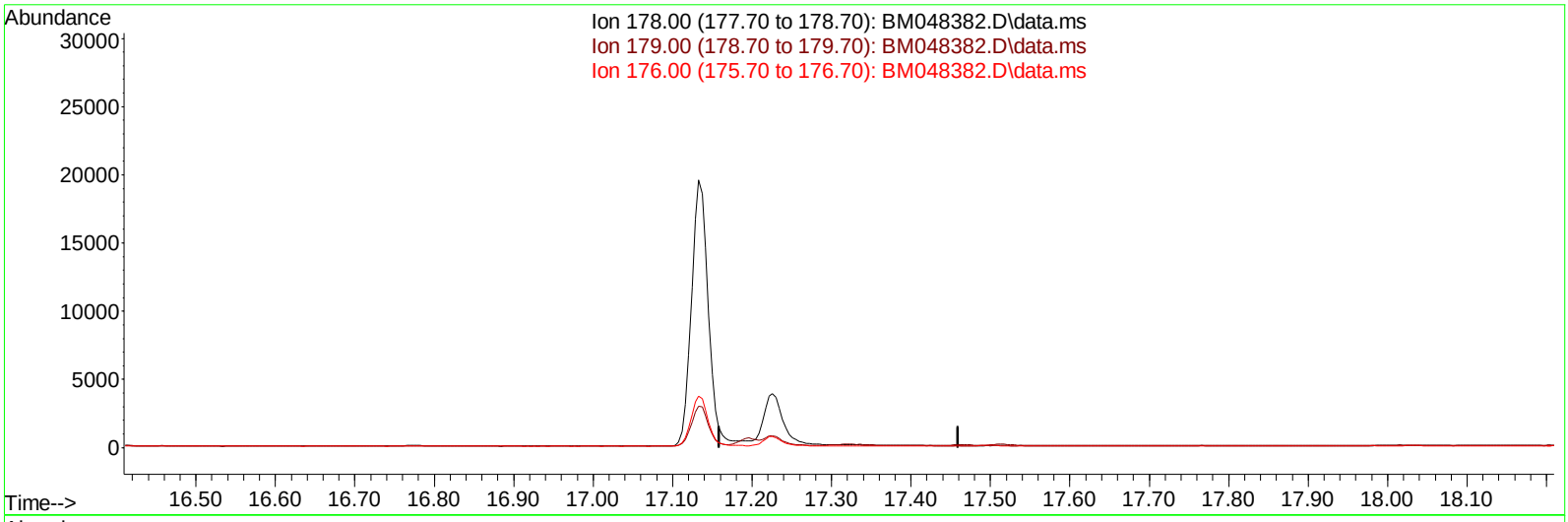
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048382.D
Acq On : 01 Nov 2024 06:30
Operator : RC/JU
Sample : P4592-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

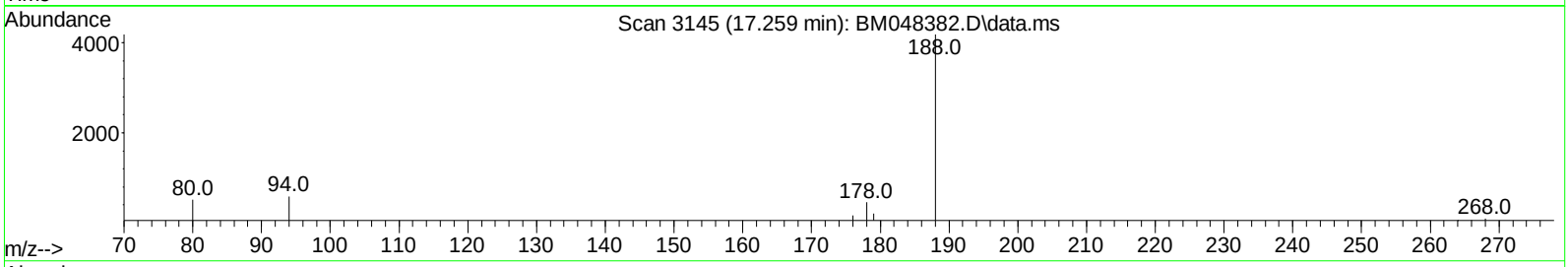
Quant Time: Nov 03 07:05:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration

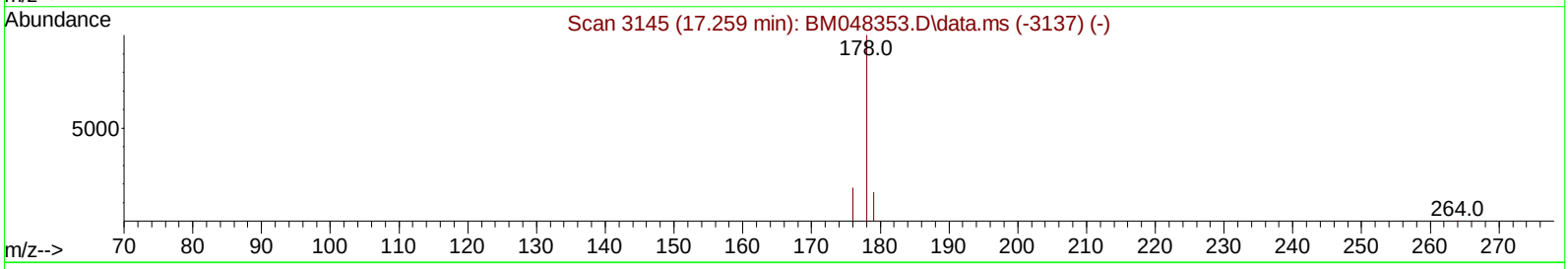
Instrument :
BNA_M
ClientSampleId :
F7H05

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024







TIC: BM048382.D\data.ms

(16) Anthracene

17.259min (-17.259) 0.00 ng/ul

response 0

Ion	Exp%	Act%
178.00	100.00	0.00
179.00	17.70	0.00#
176.00	19.70	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048382.D
Acq On : 01 Nov 2024 06:30
Operator : RC/JU
Sample : P4592-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Nov 03 07:05:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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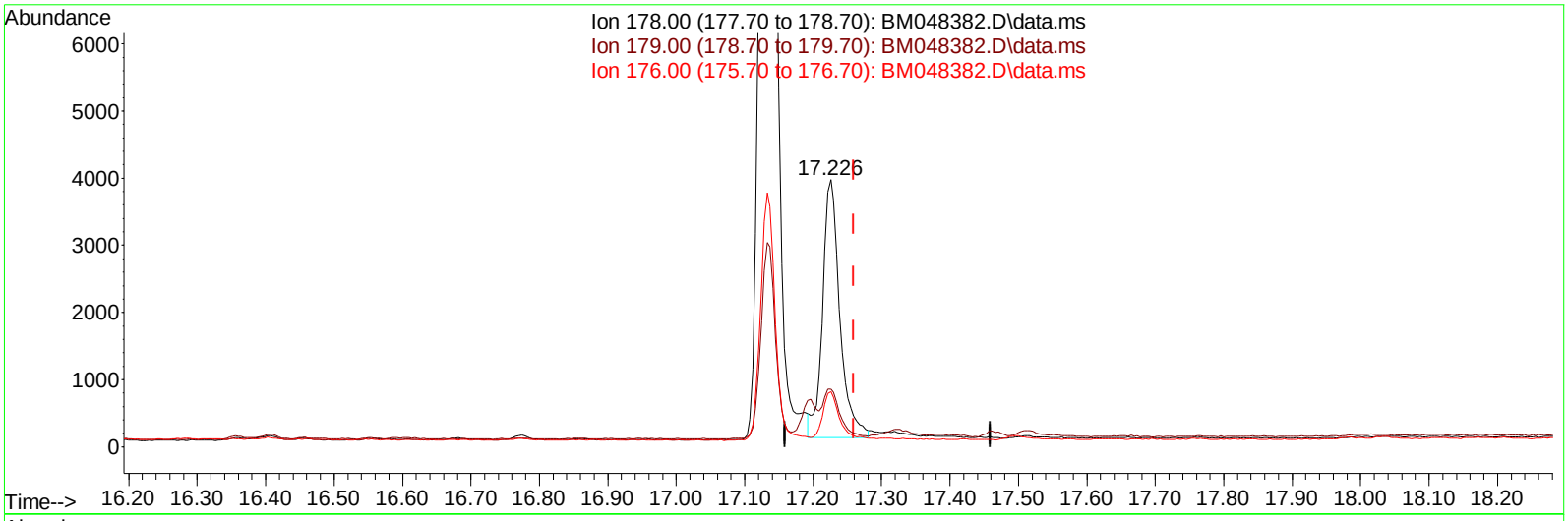
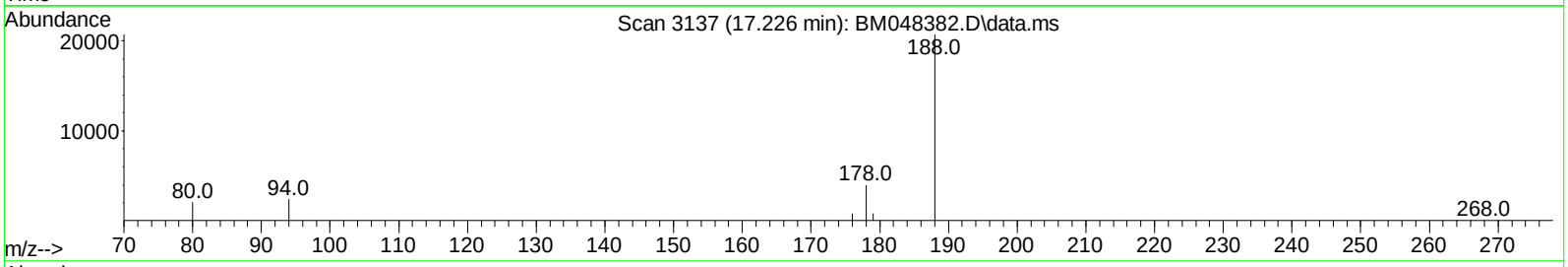
Response via : Initial Calibration

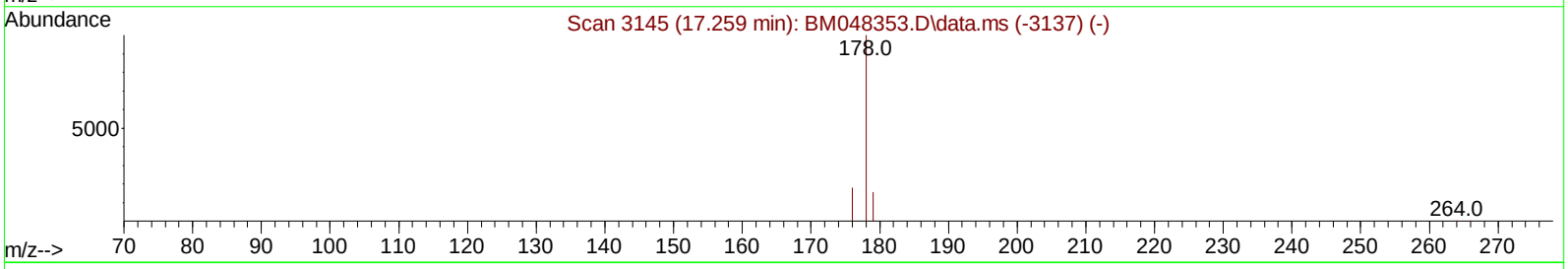
Instrument :
BNA_M
ClientSampleId :
F7H05

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024







TIC: BM048382.D\data.ms

(16) Anthracene

17.226min (-0.034) 0.17 ng/ul m

response 6683

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	21.55#
176.00	19.70	20.60
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048382.D
Acq On : 01 Nov 2024 06:30
Operator : RC/JU
Sample : P4592-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Nov 03 07:05:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
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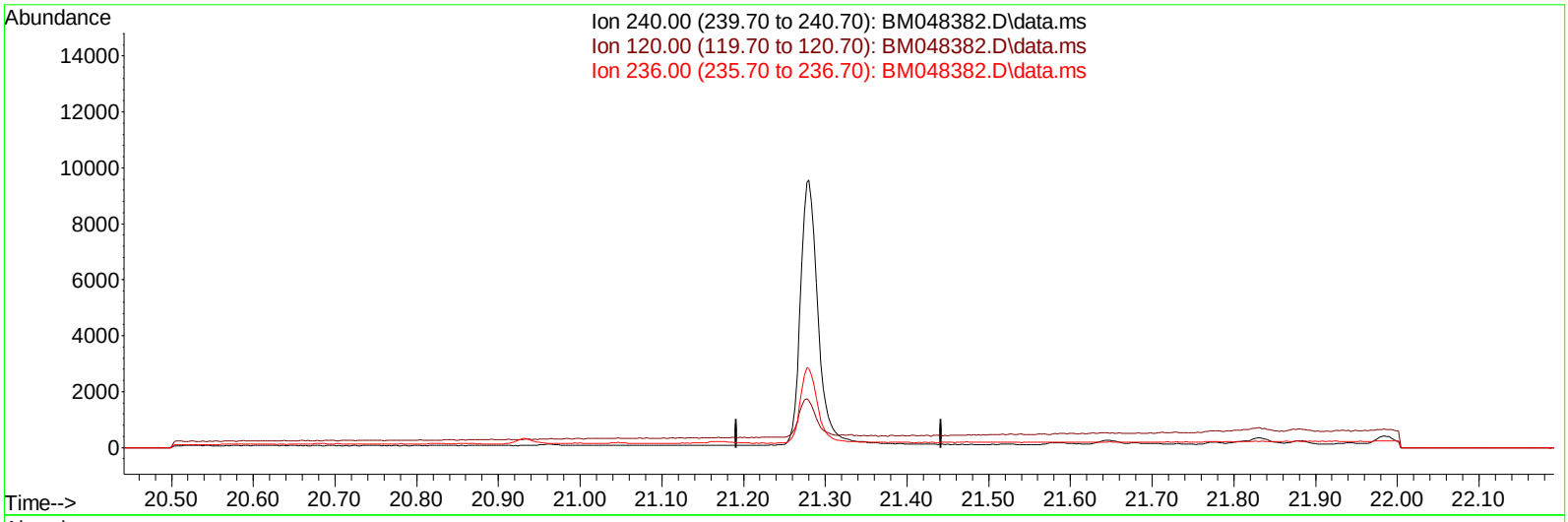
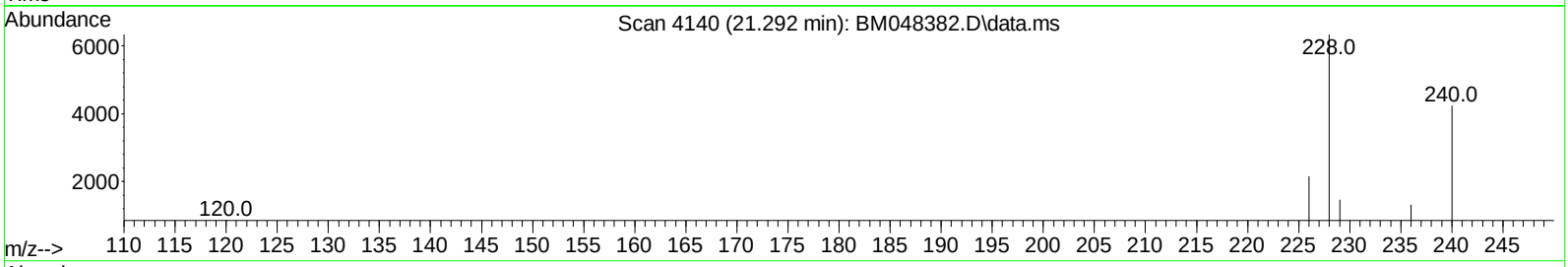
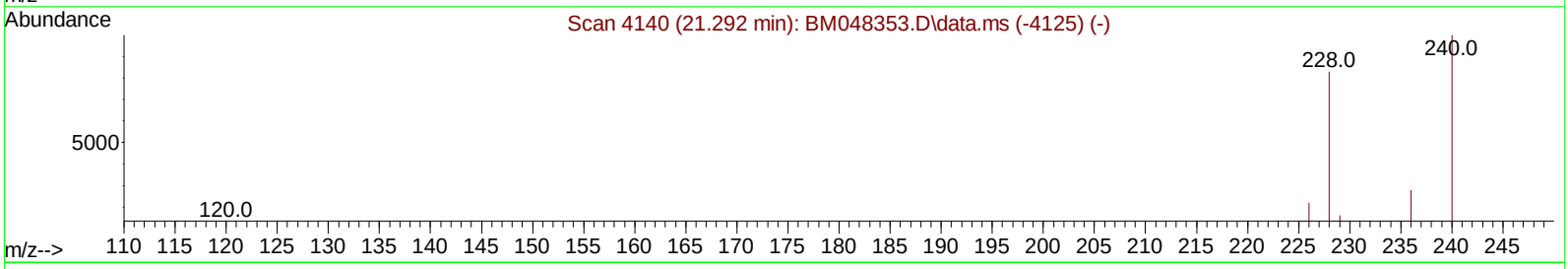
Instrument :
BNA_M
ClientSampleId :
F7H05

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024







TIC: BM048382.D\data.ms

(17) Chrysene-d12

21.292min (-21.292) 0.00 ng/ul

response 0

Ion	Exp%	Act%
240.00	100.00	0.00
120.00	19.00	0.00#
236.00	29.90	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048382.D
Acq On : 01 Nov 2024 06:30
Operator : RC/JU
Sample : P4592-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Nov 03 07:05:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F7H05

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/04/2024
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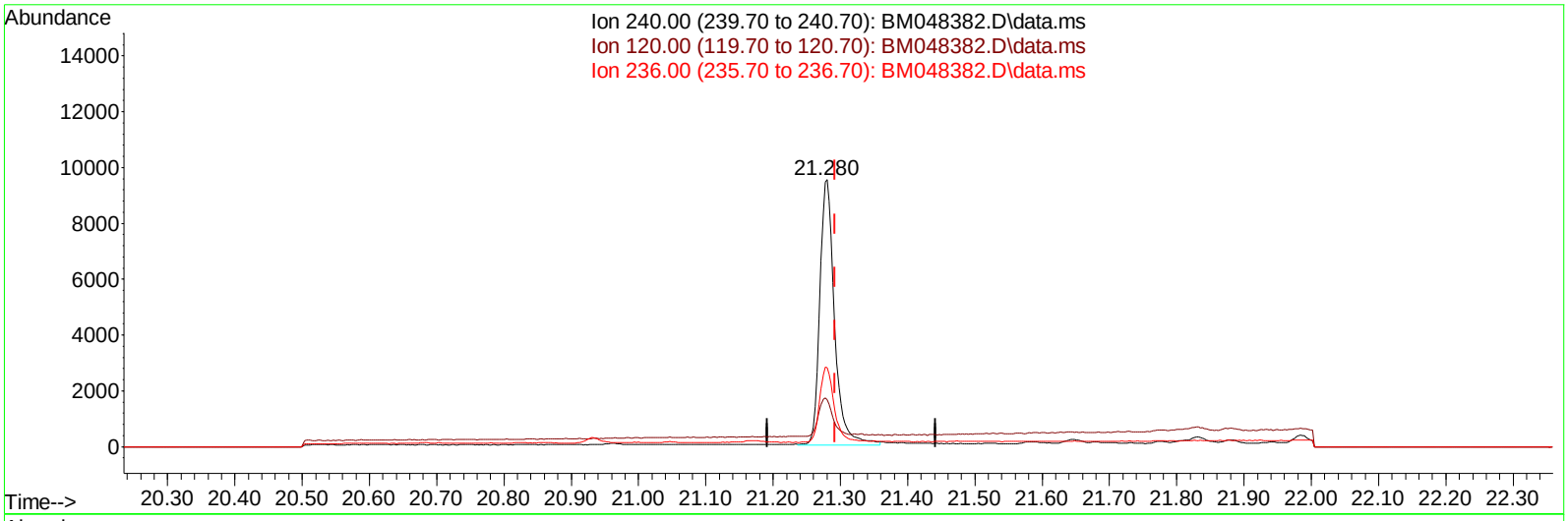

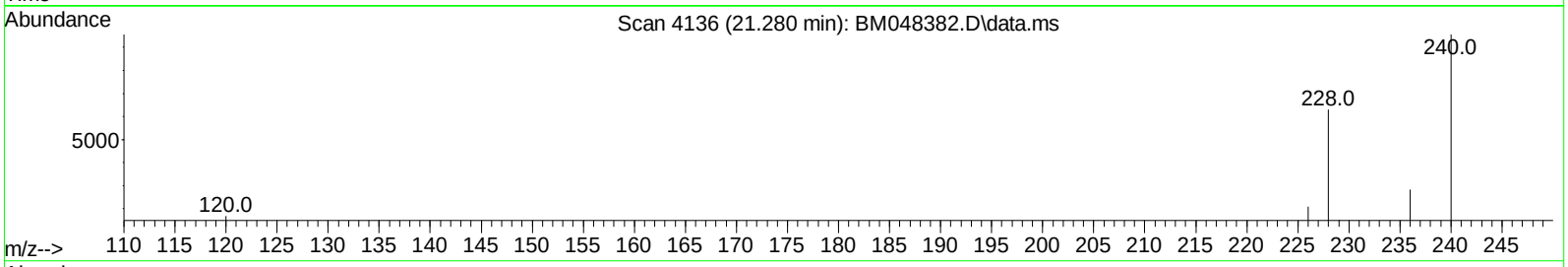

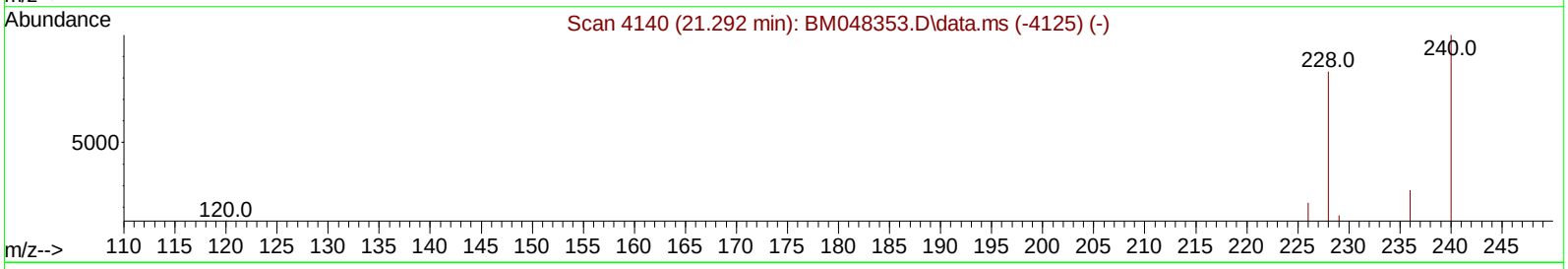

TIC: BM048382.D\data.ms

(17) Chrysene-d12

21.280min (-0.012) 0.40 ng/ul m

response 14547

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	19.00	17.54
236.00	29.90	29.68
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048382.D
Acq On : 01 Nov 2024 06:30
Operator : RC/JU
Sample : P4592-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Nov 03 07:05:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F7H05

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/04/2024
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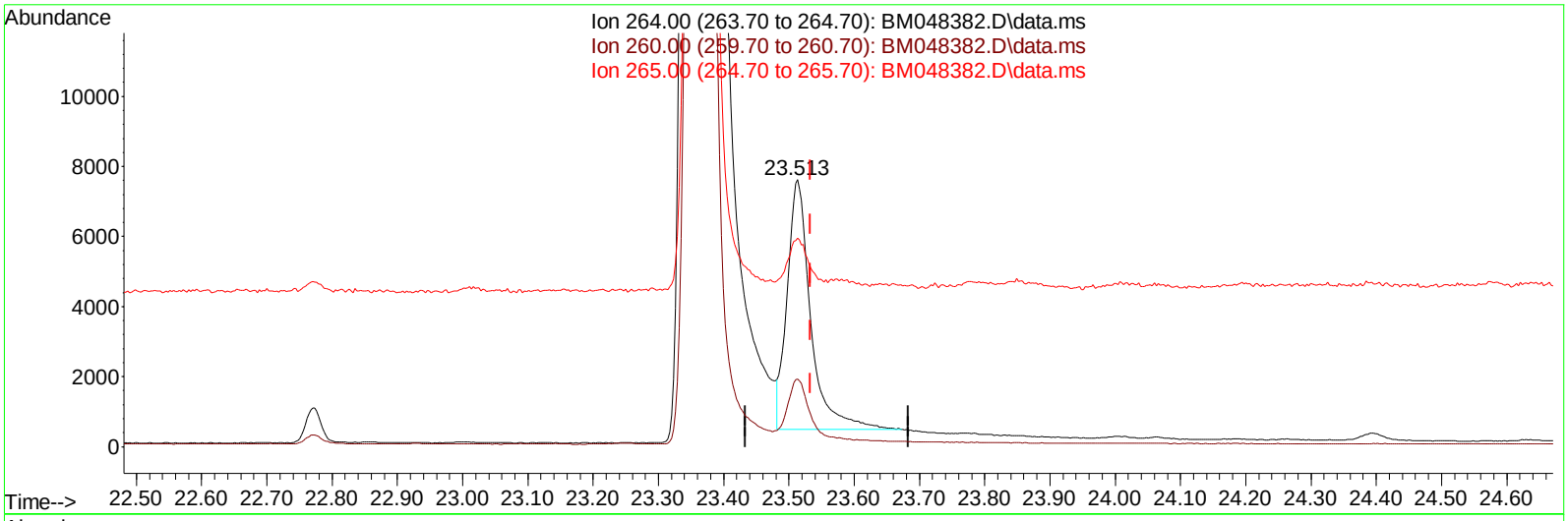

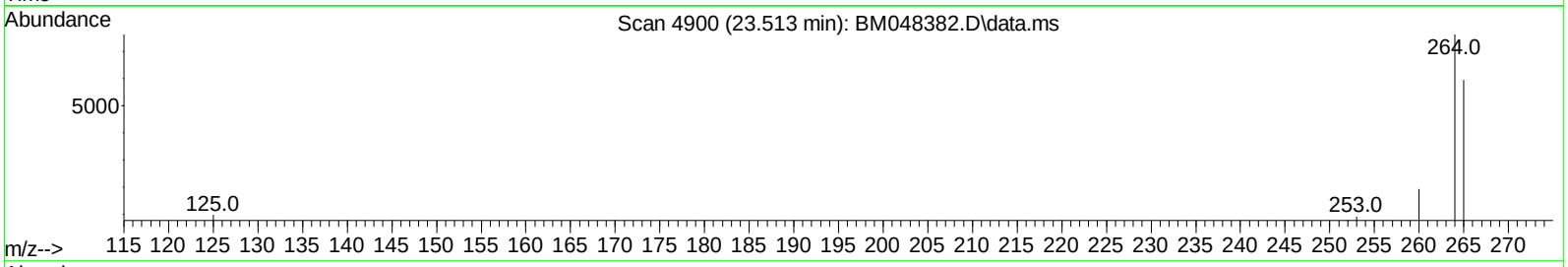

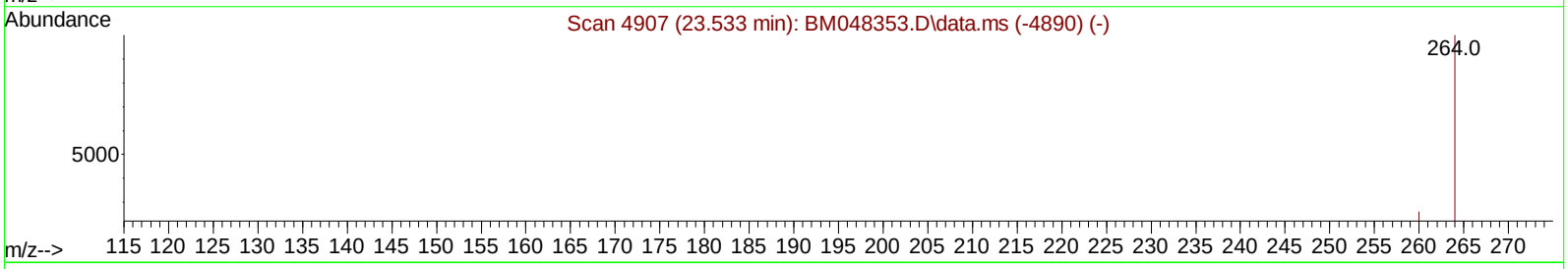

TIC: BM048382.D\data.ms

(23) Perylene-d12 (I)

23.513min (-0.020) 0.40 ng/ul

response 18140

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.80	25.35
265.00	120.80	78.16#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048382.D
Acq On : 01 Nov 2024 06:30
Operator : RC/JU
Sample : P4592-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Nov 03 07:05:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
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Instrument :
BNA_M
ClientSampleId :
F7H05

Manual IntegrationsAPPROVED

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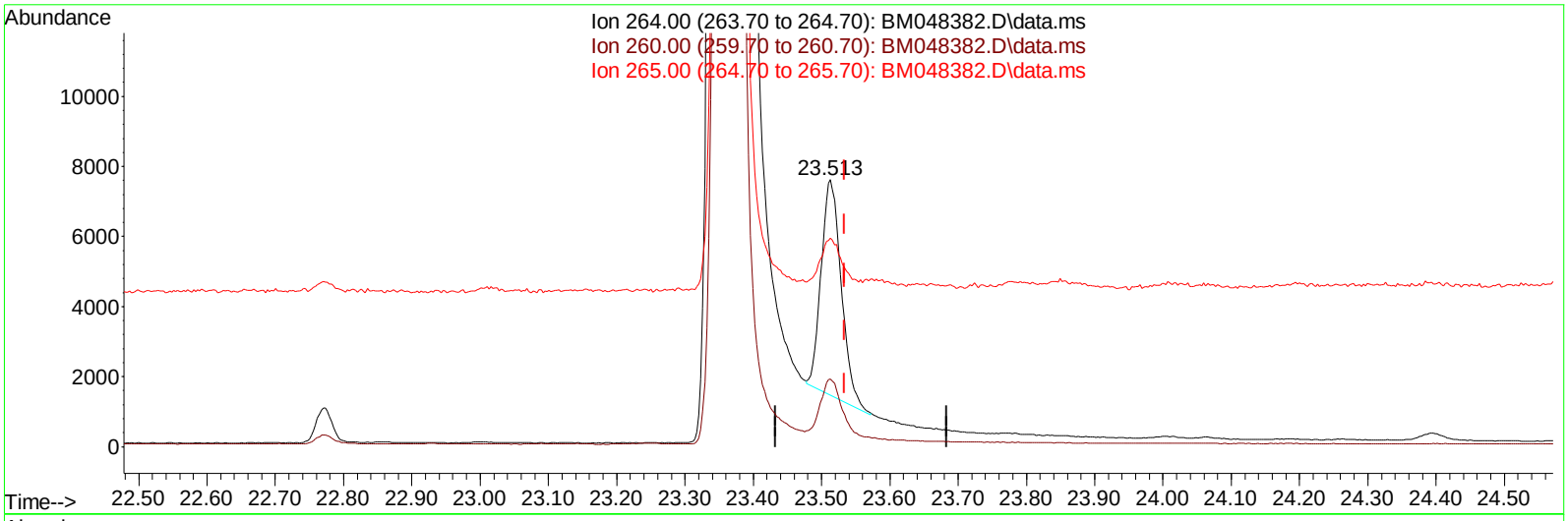

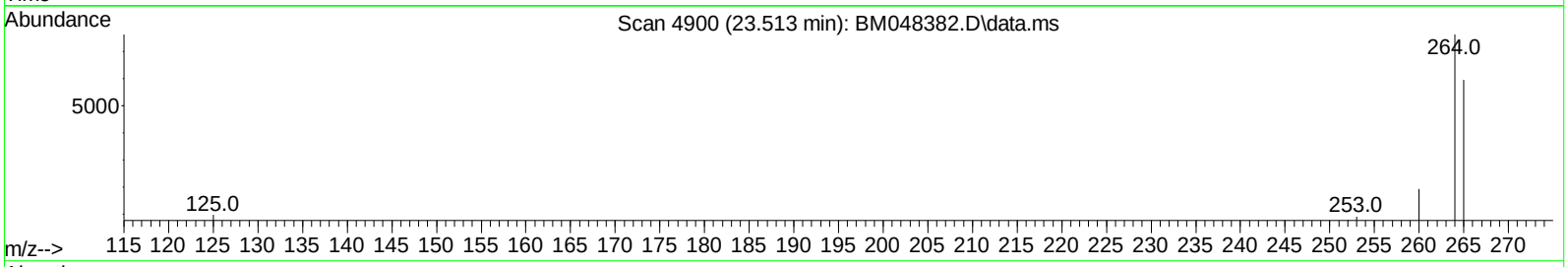

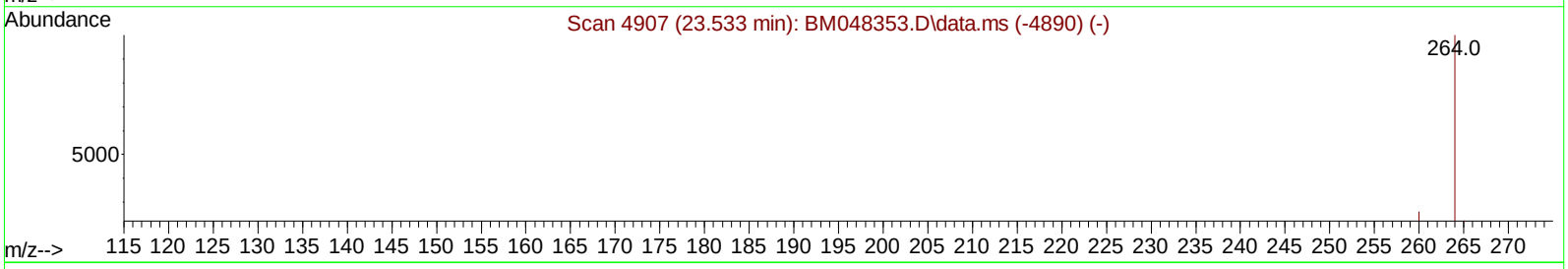

TIC: BM048382.D\data.ms

(23) Perylene-d12 (I)

23.513min (-0.020) 0.40 ng/ul m

response 12490

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.80	25.35
265.00	120.80	78.16#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048382.D
Acq On : 01 Nov 2024 06:30
Operator : RC/JU
Sample : P4592-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Nov 03 07:05:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Instrument :
BNA_M
ClientSampleId :
F7H05

Manual IntegrationsAPPROVED

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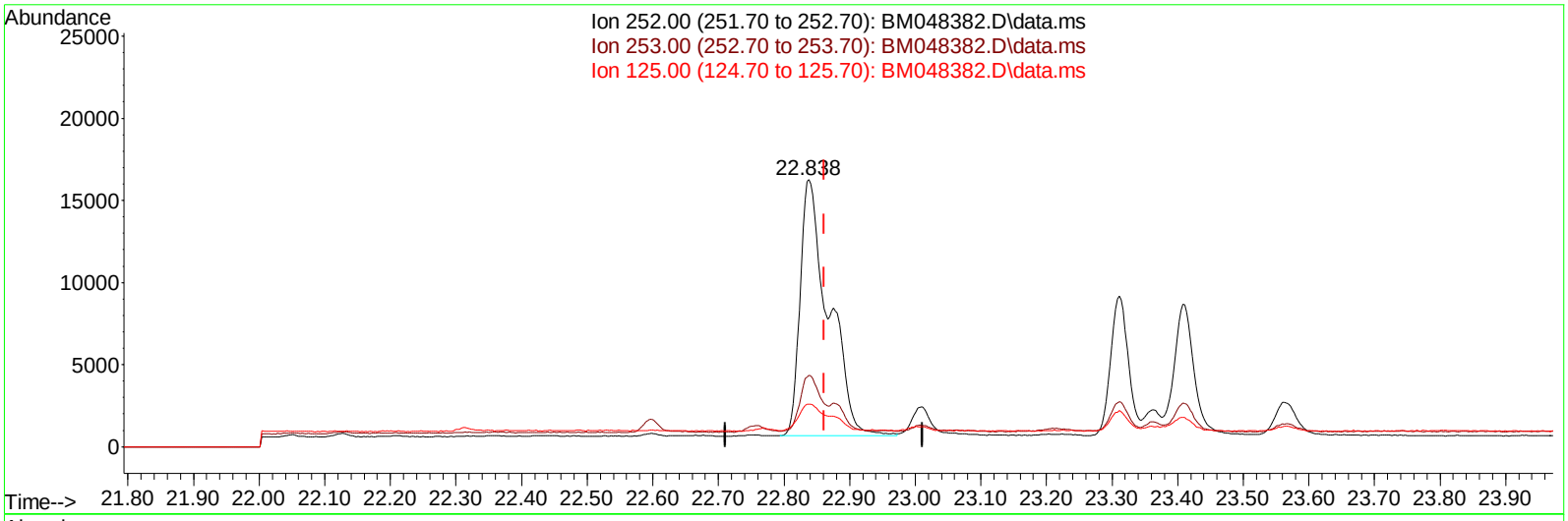
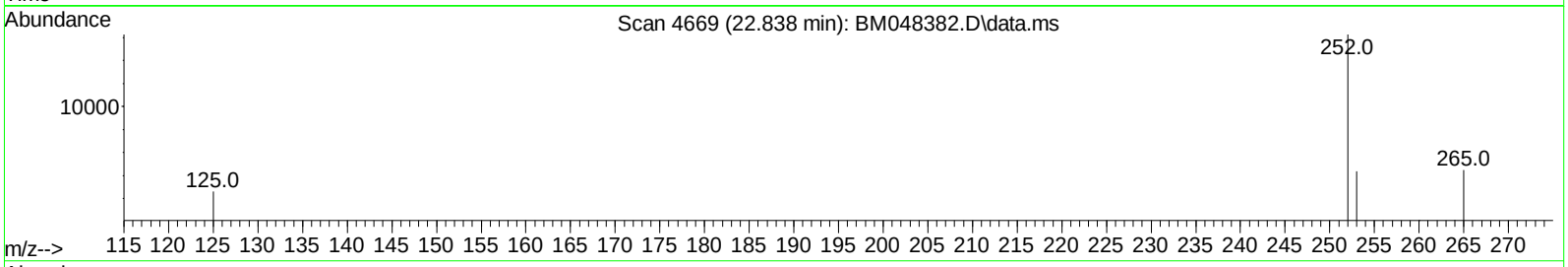
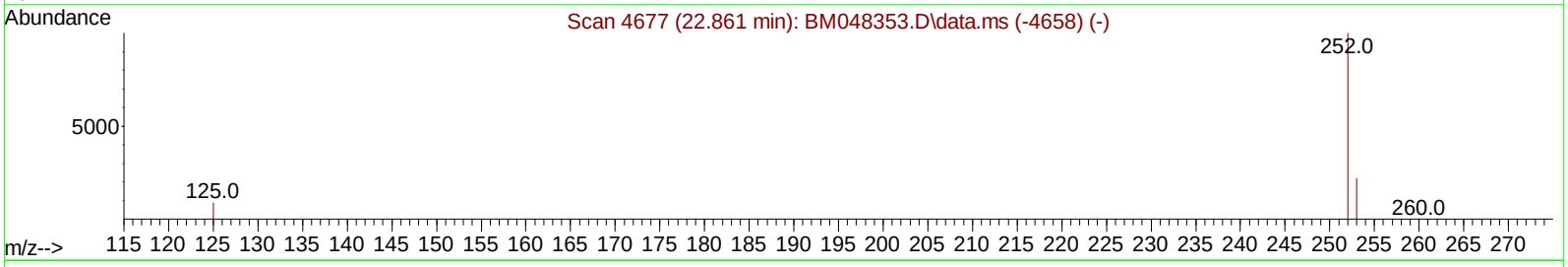
Supervised By :mohammad ahmed 11/04/2024







TIC: BM048382.D\data.ms

(24) Benzo(b)fluoranthene

22.838min (-0.023) 1.11 ng/ul

response 47175

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.70	26.83
125.00	19.00	15.99
0.00	0.00	0.00

Quantitation Report (Qedit)

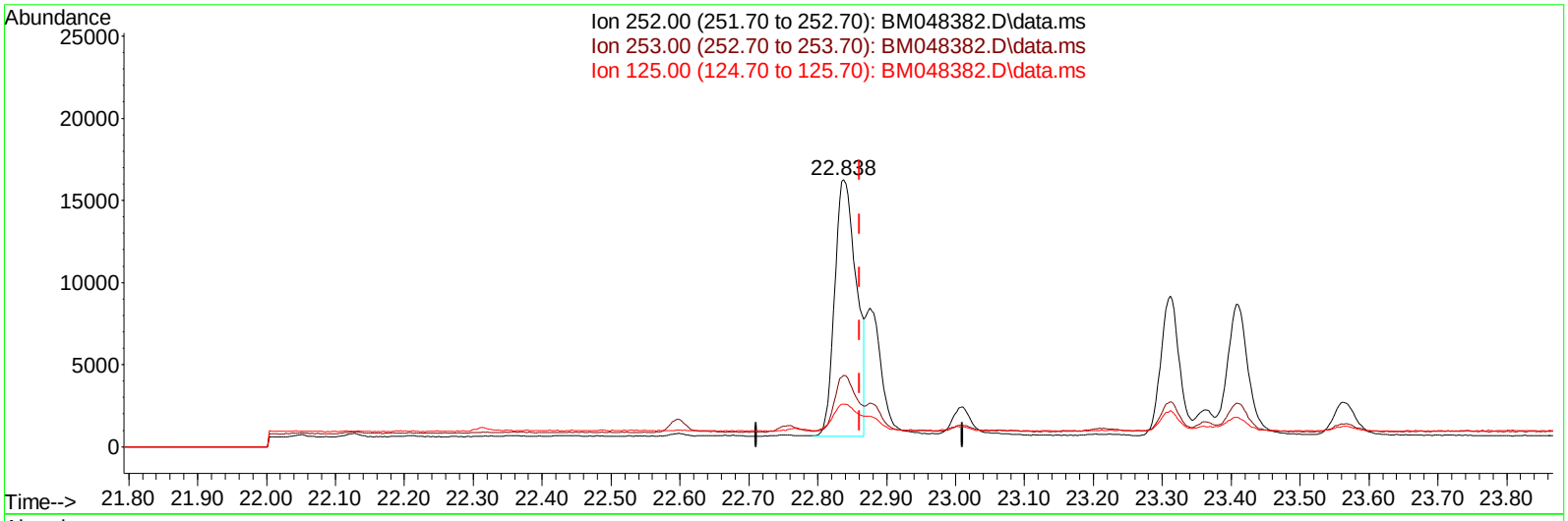
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048382.D
Acq On : 01 Nov 2024 06:30
Operator : RC/JU
Sample : P4592-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

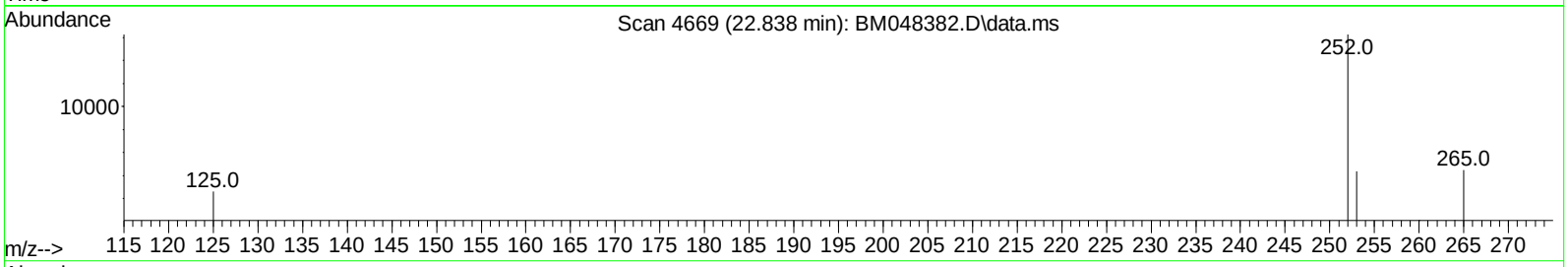
Quant Time: Nov 03 07:05:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration

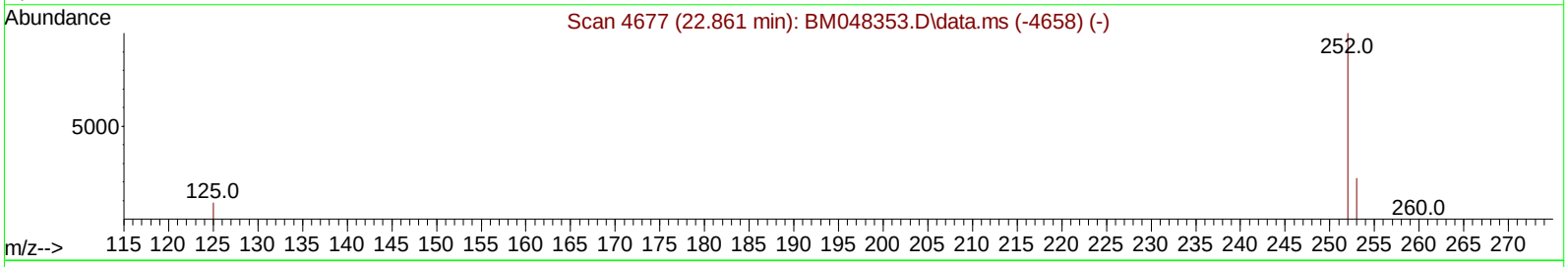
Instrument :
BNA_M
ClientSampleId :
F7H05

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024







TIC: BM048382.D\data.ms

(24) Benzo(b)fluoranthene

22.838min (-0.023) 0.81 ng/ul m

response 34473

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.70	26.83
125.00	19.00	15.99
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048382.D
Acq On : 01 Nov 2024 06:30
Operator : RC/JU
Sample : P4592-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Nov 03 07:05:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F7H05

Manual IntegrationsAPPROVED

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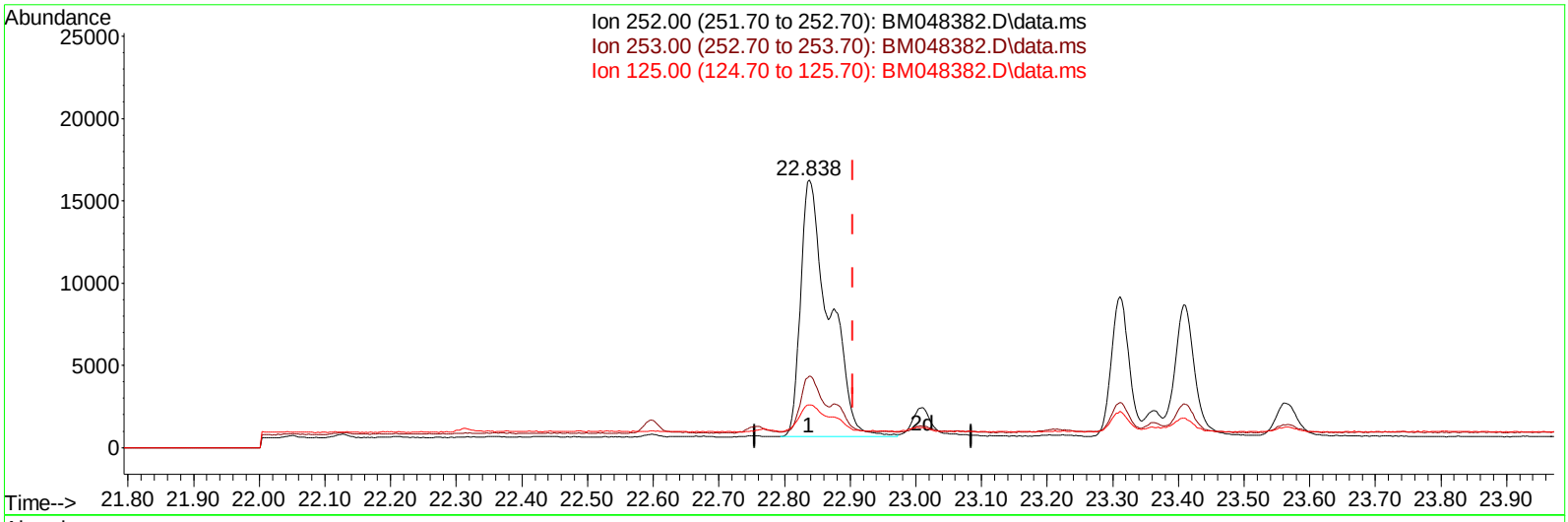
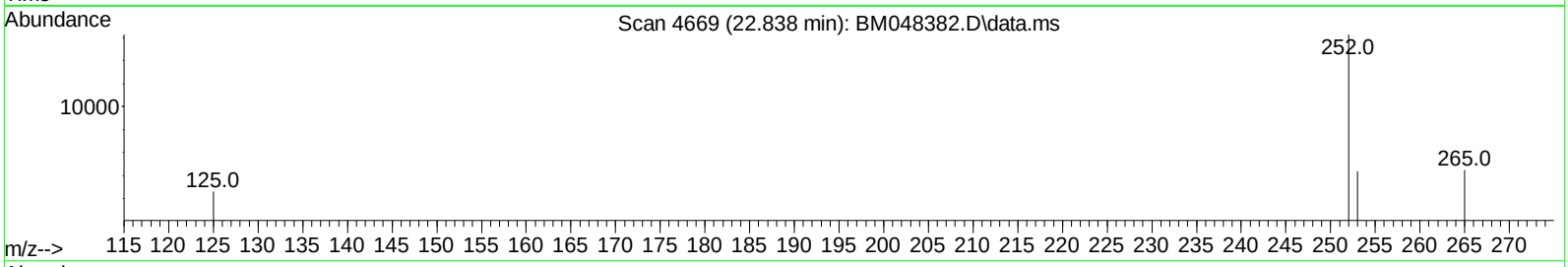
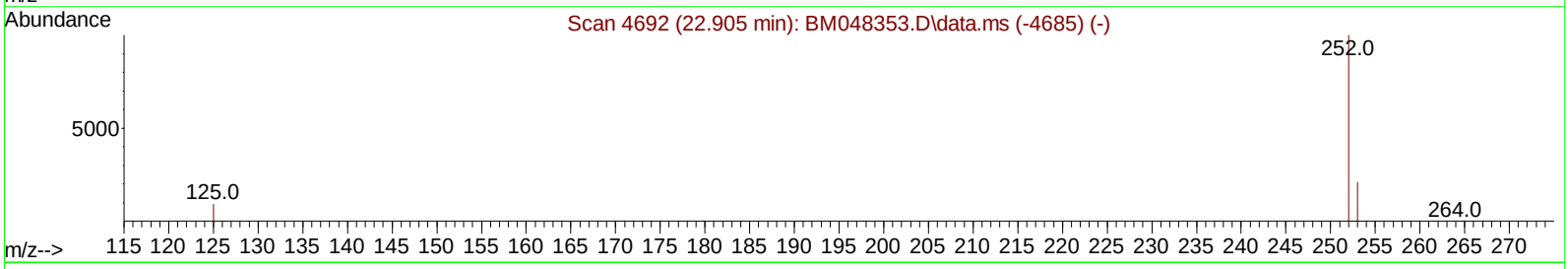






TIC: BM048382.D\data.ms

(25) Benzo(k)fluoranthene

22.838min (-0.067) 0.93 ng/ul

response 47175

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.20	26.83
125.00	19.10	15.99
0.00	0.00	0.00

Quantitation Report (Qedit)

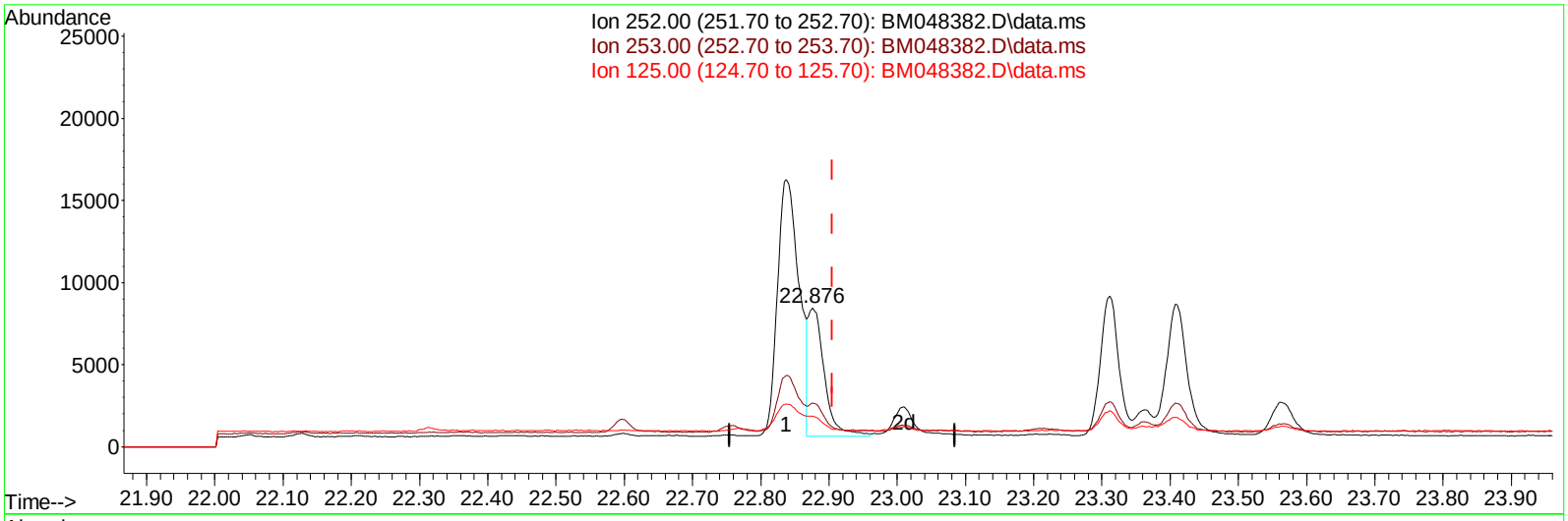
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048382.D
Acq On : 01 Nov 2024 06:30
Operator : RC/JU
Sample : P4592-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

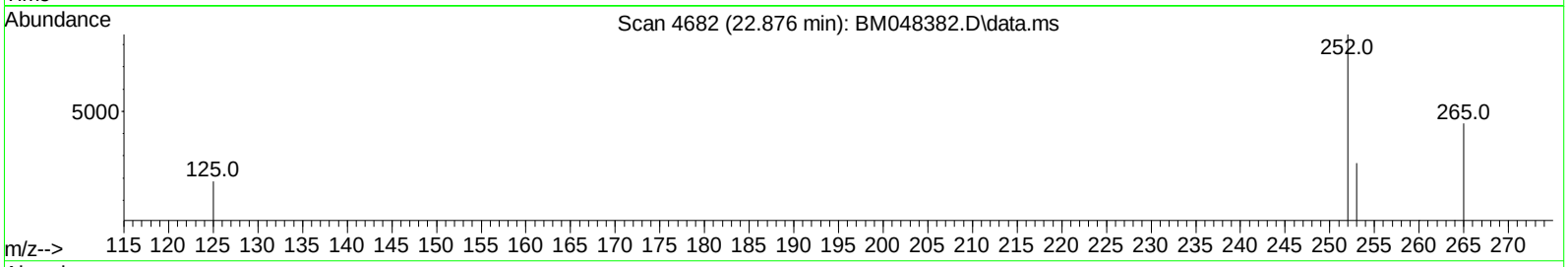
Quant Time: Nov 03 07:05:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration

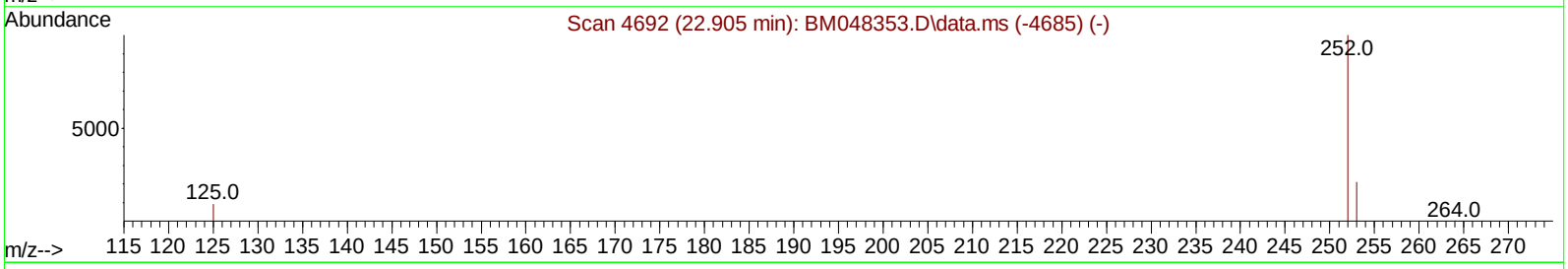
Instrument :
BNA_M
ClientSampleId :
F7H05

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024







TIC: BM048382.D\data.ms

(25) Benzo(k)fluoranthene

22.876min (-0.029) 0.26 ng/ul m

response 12938

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.20	31.58
125.00	19.10	21.96
0.00	0.00	0.00

Quantitation Report (Qedit)

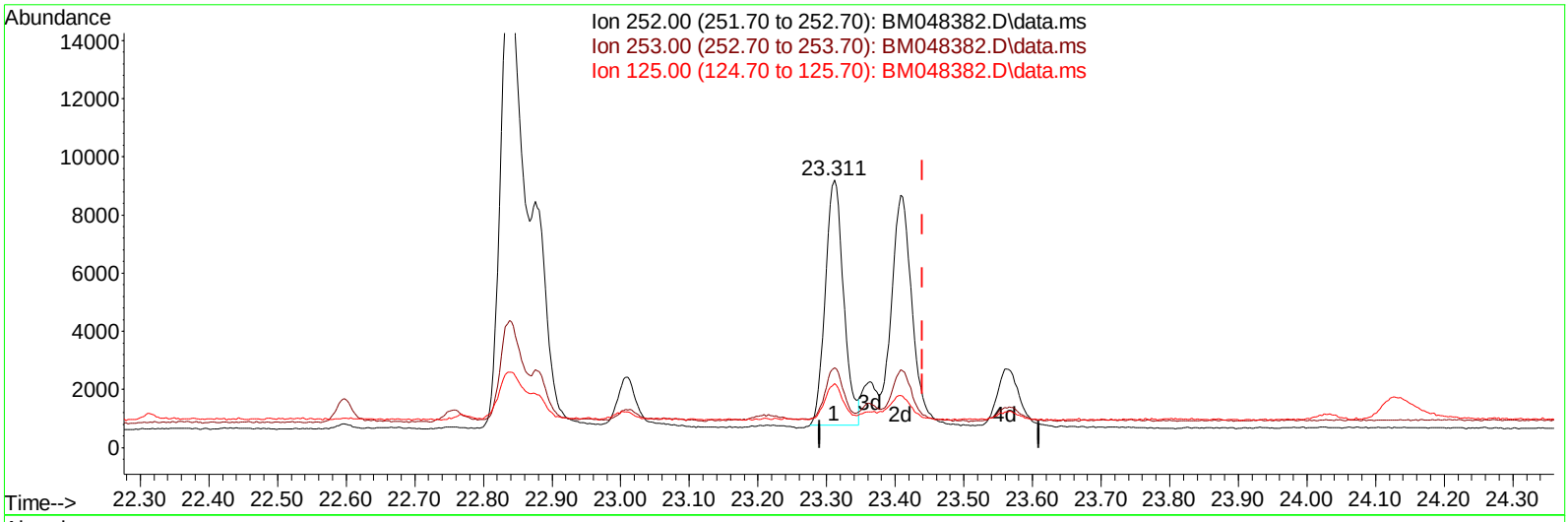
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048382.D
Acq On : 01 Nov 2024 06:30
Operator : RC/JU
Sample : P4592-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

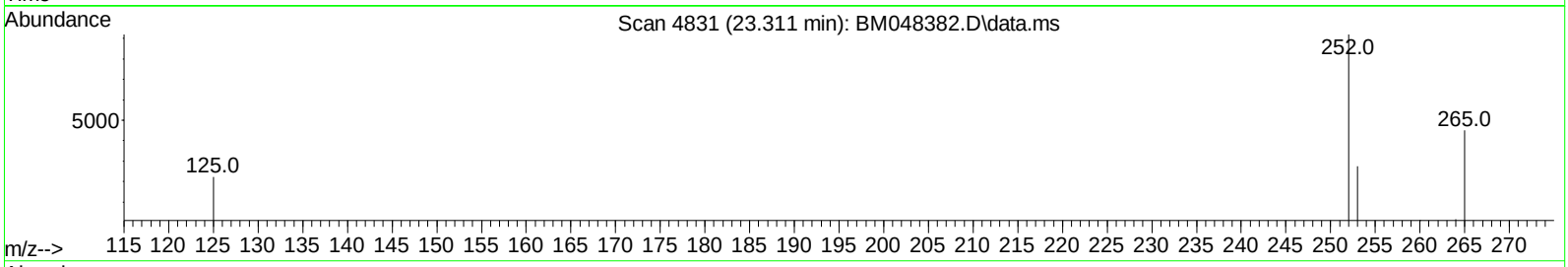
Quant Time: Nov 03 07:05:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration

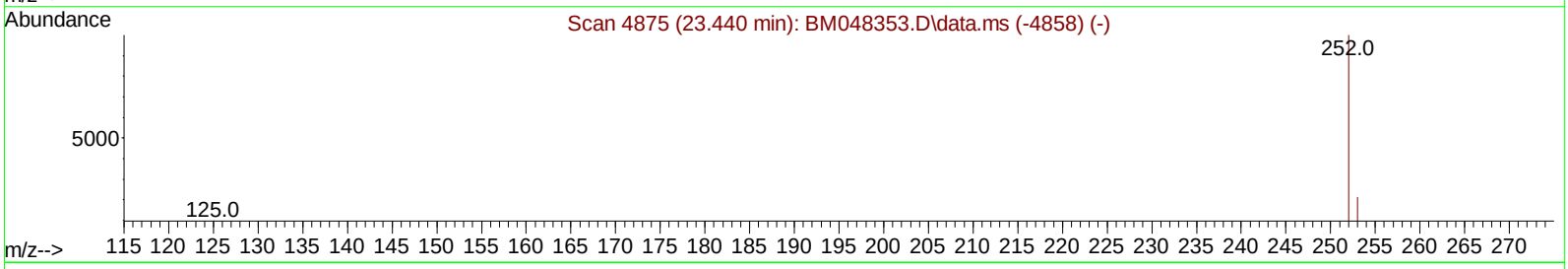
Instrument :
BNA_M
ClientSampleId :
F7H05

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024







TIC: BM048382.D\data.ms

(26) Benzo(a)pyrene (C)

23.311min (-0.129) 0.39 ng/ul

response 15628

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.60	29.96
125.00	26.40	24.03
0.00	0.00	0.00

Quantitation Report (Qedit)

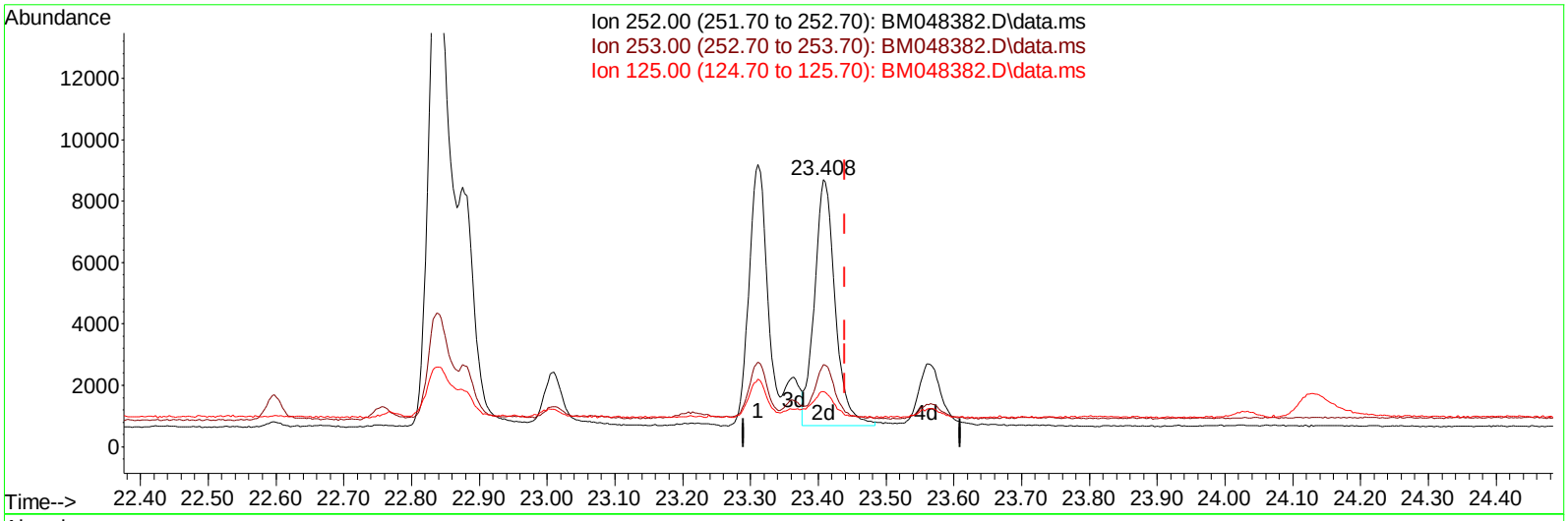
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048382.D
Acq On : 01 Nov 2024 06:30
Operator : RC/JU
Sample : P4592-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

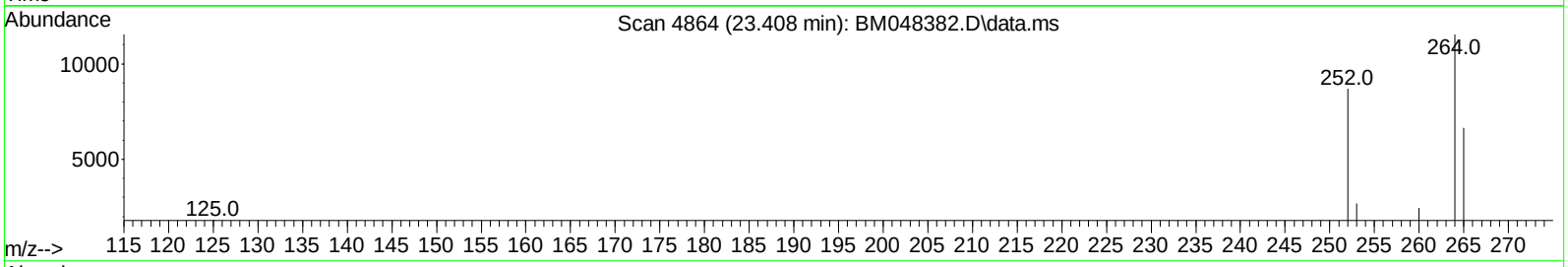
Quant Time: Nov 03 07:05:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration

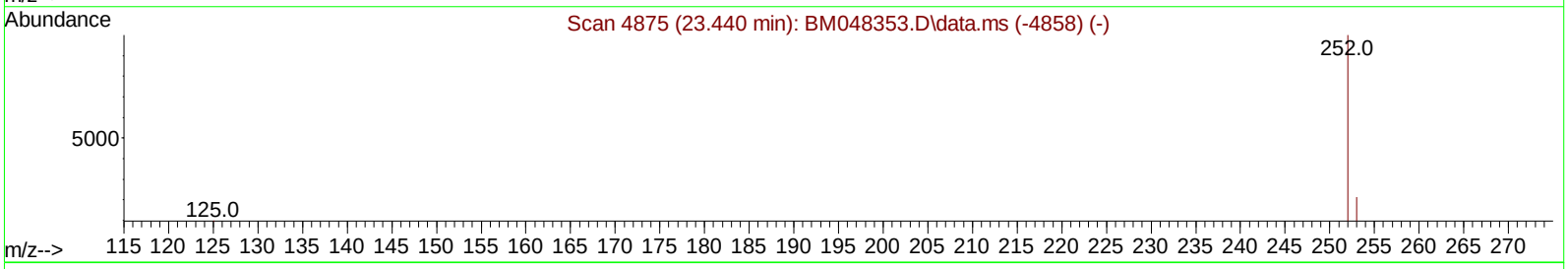
Instrument :
BNA_M
ClientSampleId :
F7H05

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024







TIC: BM048382.D\data.ms

(26) Benzo(a)pyrene (C)

23.408min (-0.032) 0.43 ng/ul m

response 17094

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.60	30.77
125.00	26.40	20.61#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048382.D
Acq On : 01 Nov 2024 06:30
Operator : RC/JU
Sample : P4592-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Nov 03 07:05:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
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Instrument :
BNA_M
ClientSampleId :
F7H05

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.708	152	5058	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.491	136	16096	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.349	164	8656	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.095	188	17407m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.280	240	14547m	0.400	ng/ul	-0.01
23) Perylene-d12	23.513	264	12490m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	18763	3.020	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.113	152	4698	0.229	ng/ul	-0.03
18) Fluoranthene-d10	19.123	212	11023	0.298	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.541	128	7902	0.188	ng/ul	99
7) 2-Methylnaphthalene	12.190	142	1909	0.076	ng/ul	100
8) 1-Methylnaphthalene	12.405	142	1046	0.039	ng/ul	95
10) Acenaphthylene	14.072	152	2027	0.061	ng/ul#	87
11) Acenaphthene	14.414	153	4511	0.168	ng/ul	98
12) Fluorene	15.400	166	4440	0.149	ng/ul	99
15) Phenanthrene	17.133	178	28930m	0.669	ng/ul	
16) Anthracene	17.226	178	6683m	0.165	ng/ul	
19) Fluoranthene	19.155	202	47790	0.953	ng/ul	97
20) Pyrene	19.513	202	47112	0.875	ng/ul	100
21) Benzo(a)anthracene	21.266	228	23893	0.548	ng/ul	98
22) Chrysene	21.315	228	25800	0.430	ng/ul	98
24) Benzo(b)fluoranthene	22.838	252	34473m	0.808	ng/ul	
25) Benzo(k)fluoranthene	22.876	252	12938m	0.256	ng/ul	
26) Benzo(a)pyrene	23.408	252	17094m	0.426	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.796	276	11432	0.204	ng/ul	94
28) Dibenzo(a,h)anthracene	25.796	278	2835	0.065	ng/ul#	55
29) Benzo(g,h,i)perylene	26.483	276	10723	0.227	ng/ul	97

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

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Acq On : 01 Nov 2024 06:30
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