Quantitation Report (Qedit)

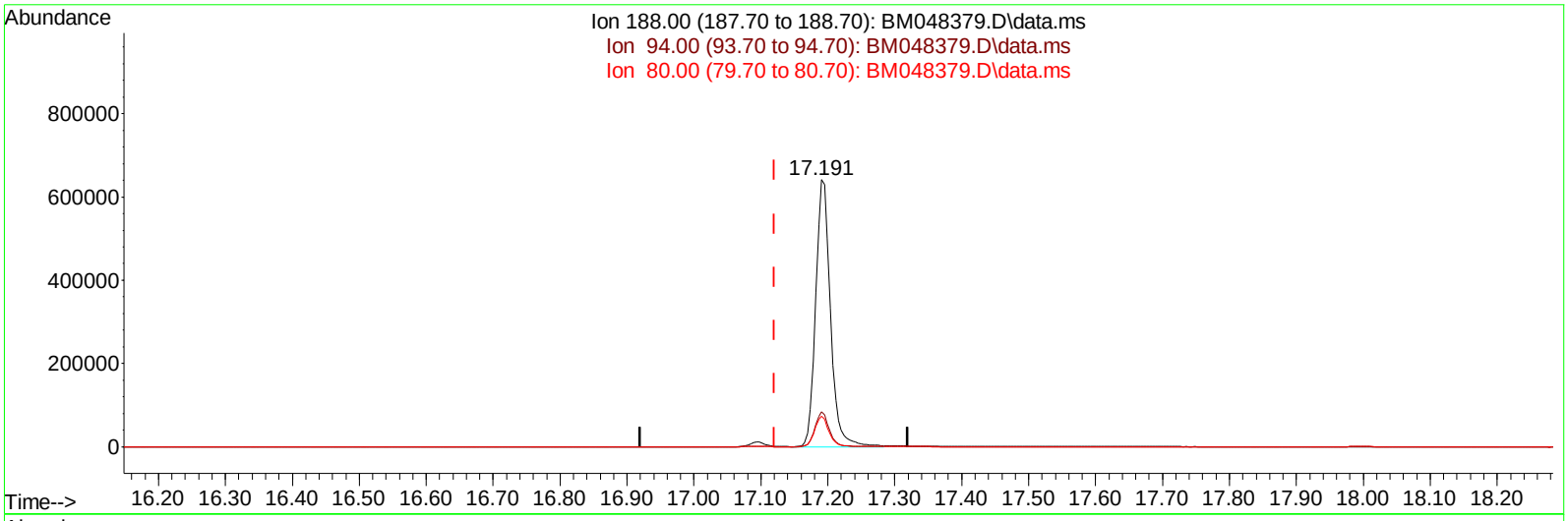
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048379.D
Acq On : 01 Nov 2024 04:41
Operator : RC/JU
Sample : P4592-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

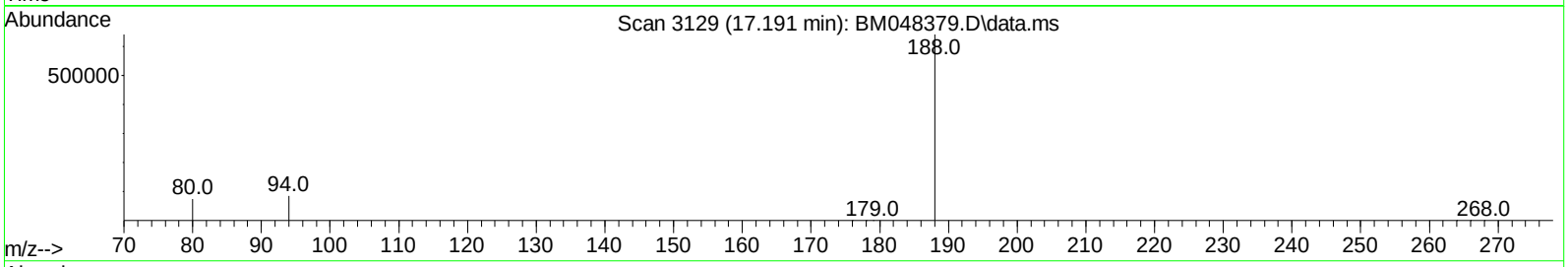
Quant Time: Nov 03 07:05:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration

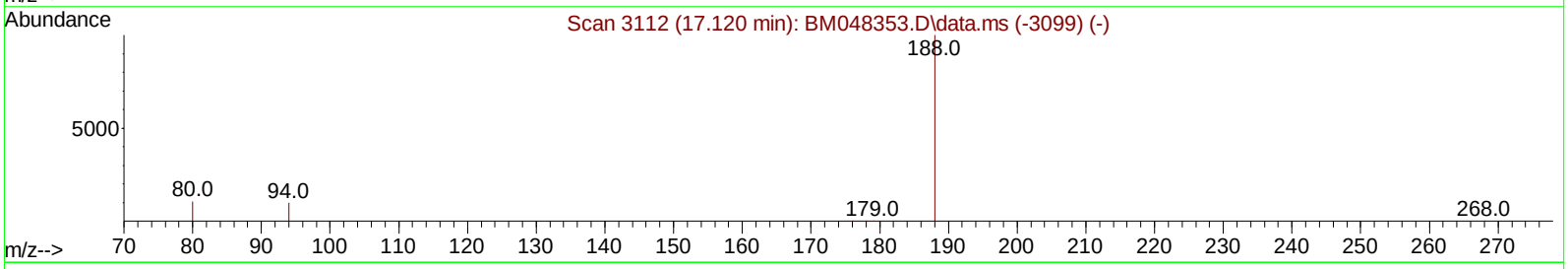
Instrument :
BNA_M
ClientSampleId :
F7H02

Manual IntegrationsAPPROVED

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







TIC: BM048379.D\data.ms

(13) Phenanthrene-d10 (I)

17.191min (+ 0.070) 0.40 ng/ul

response 985362

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.50	13.08
80.00	12.10	11.56
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048379.D
Acq On : 01 Nov 2024 04:41
Operator : RC/JU
Sample : P4592-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Nov 03 07:05:23 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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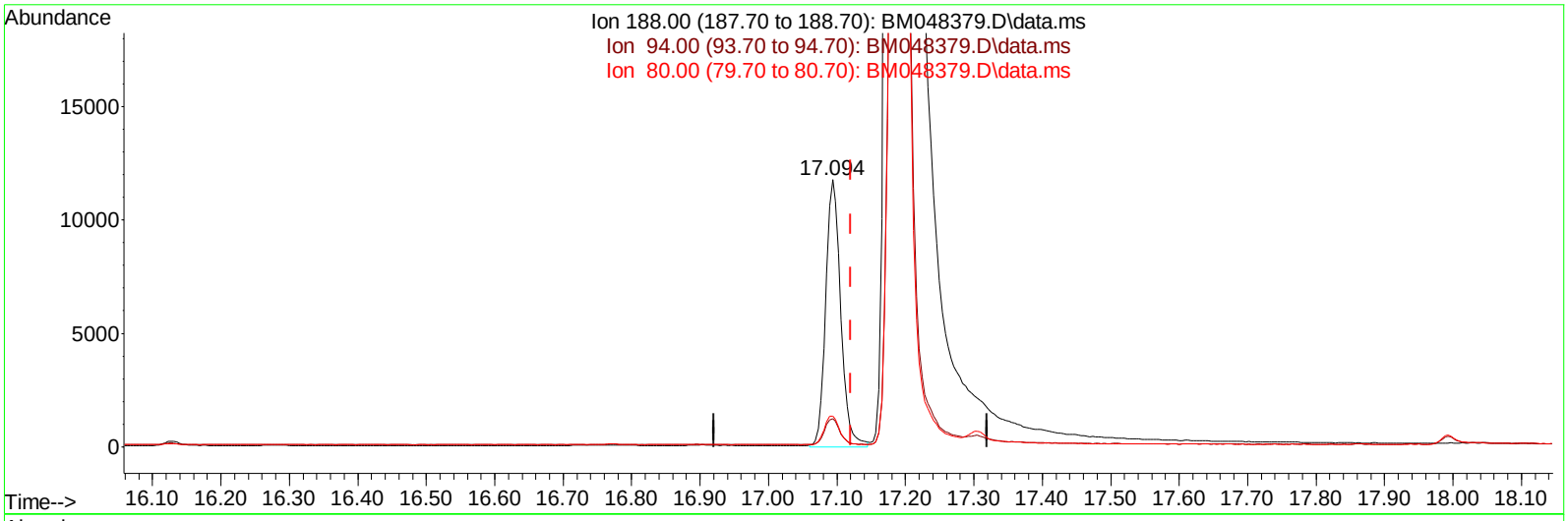
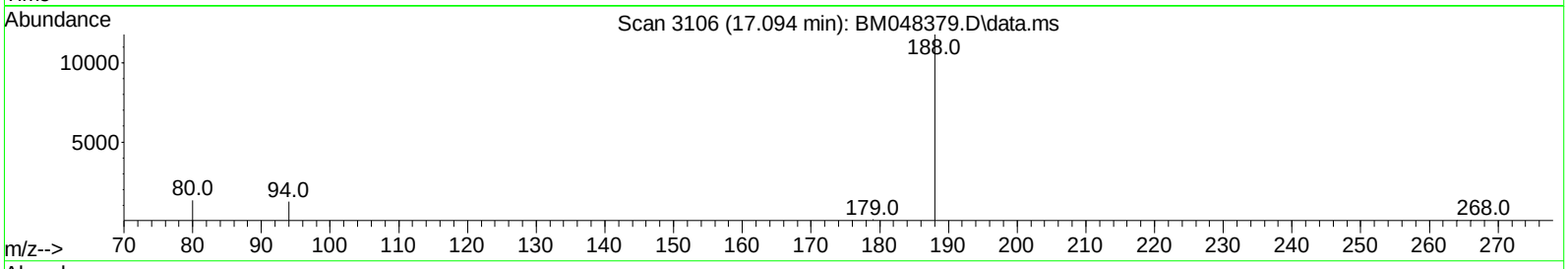
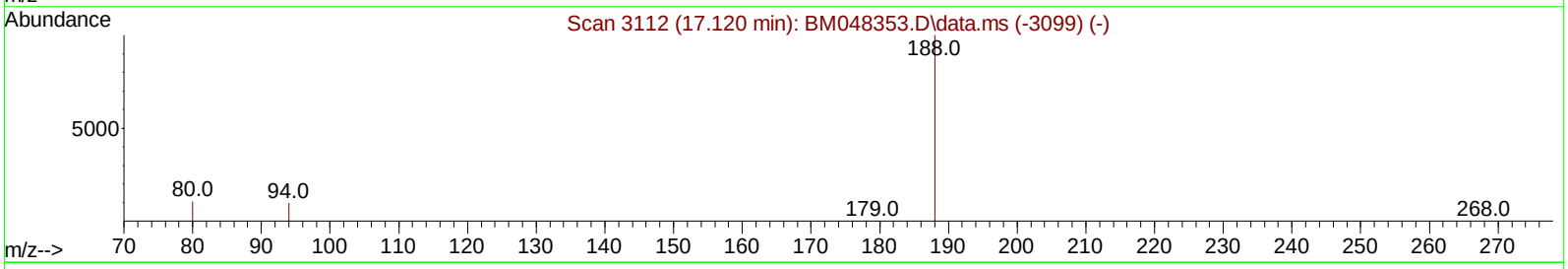
Instrument :
BNA_M
ClientSampleId :
F7H02

Manual IntegrationsAPPROVED

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







TIC: BM048379.D\data.ms

(13) Phenanthrene-d10 (I)

17.094min (-0.027) 0.40 ng/ul m

response 17875

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.50	10.47
80.00	12.10	11.37
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048379.D
Acq On : 01 Nov 2024 04:41
Operator : RC/JU
Sample : P4592-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Nov 03 07:05:23 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 :
F7H02

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/04/2024
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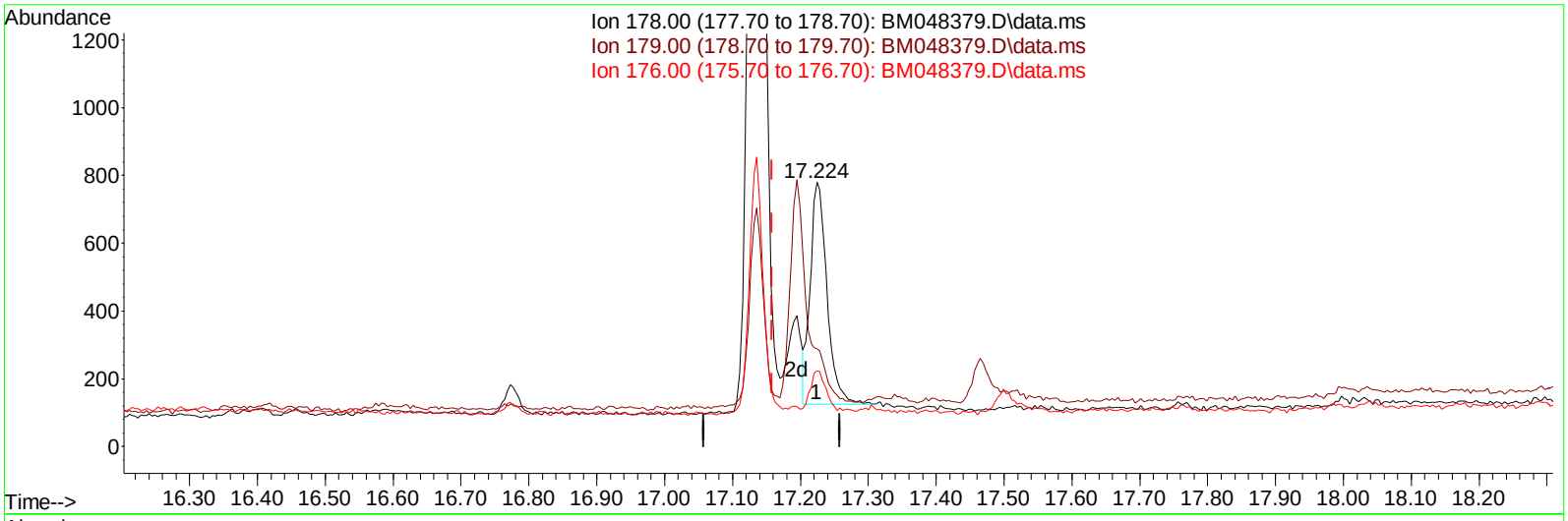

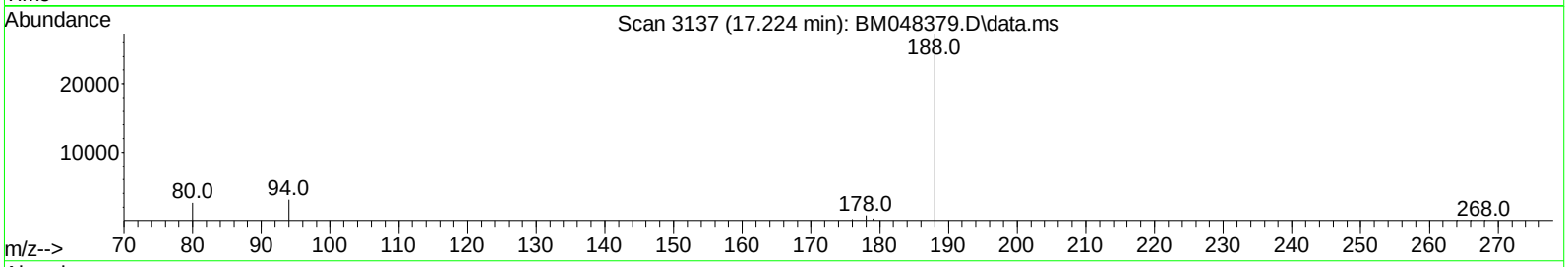

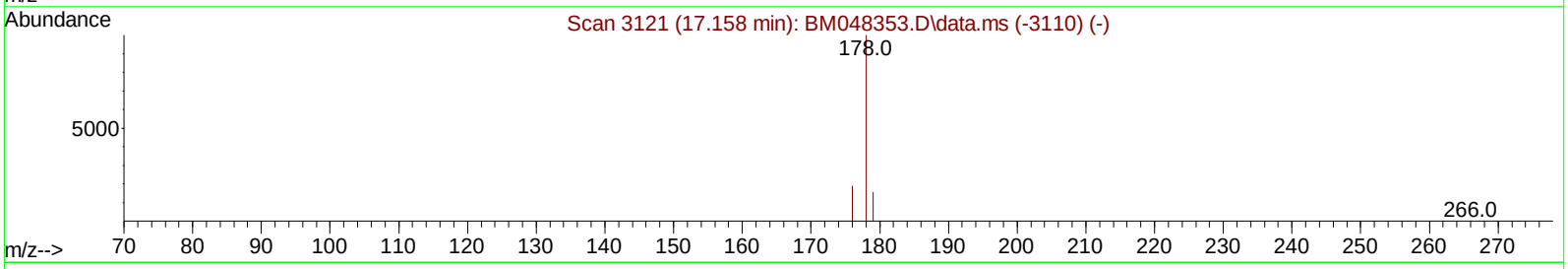

TIC: BM048379.D\data.ms

(15) Phenanthrene

17.224min (+ 0.066) 0.03 ng/ul

response 1115

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.40	36.92#
176.00	20.00	28.72#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048379.D
Acq On : 01 Nov 2024 04:41
Operator : RC/JU
Sample : P4592-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Nov 03 07:05:23 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 :
F7H02

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/04/2024
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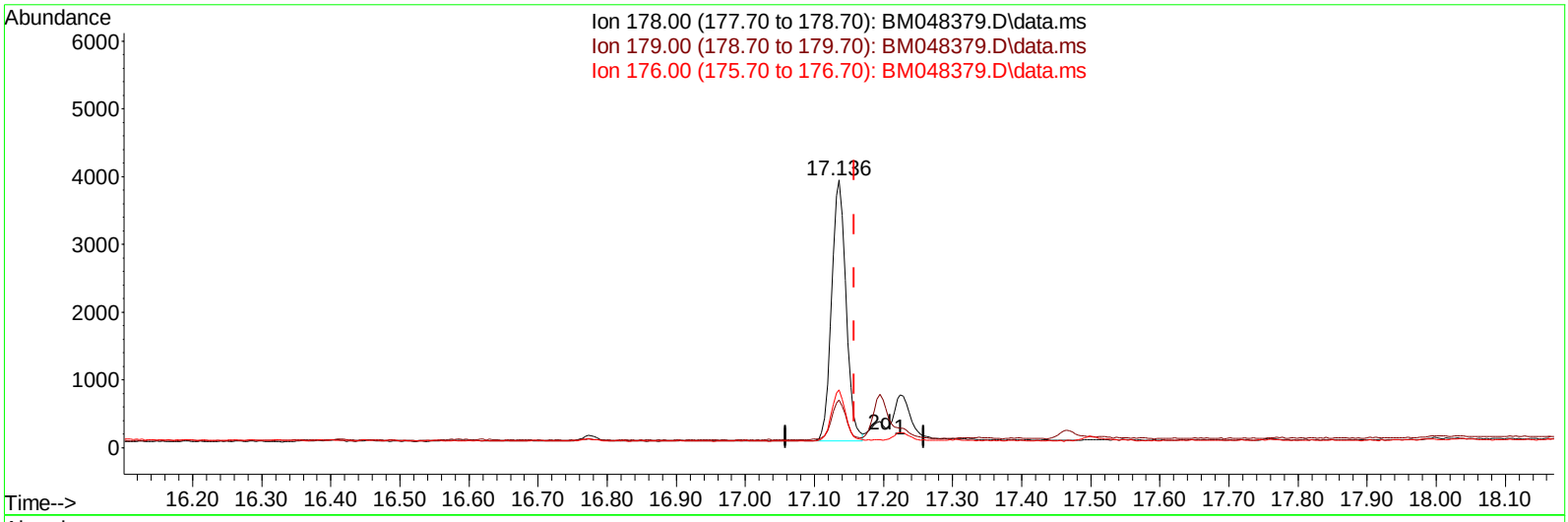
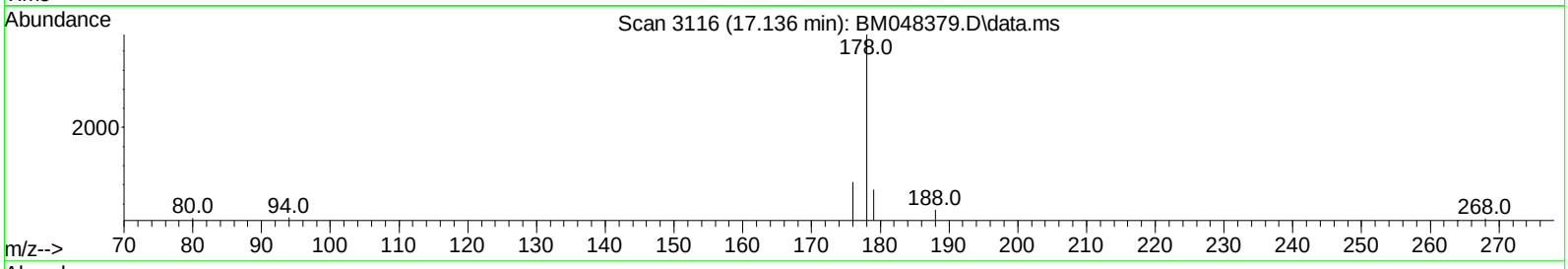
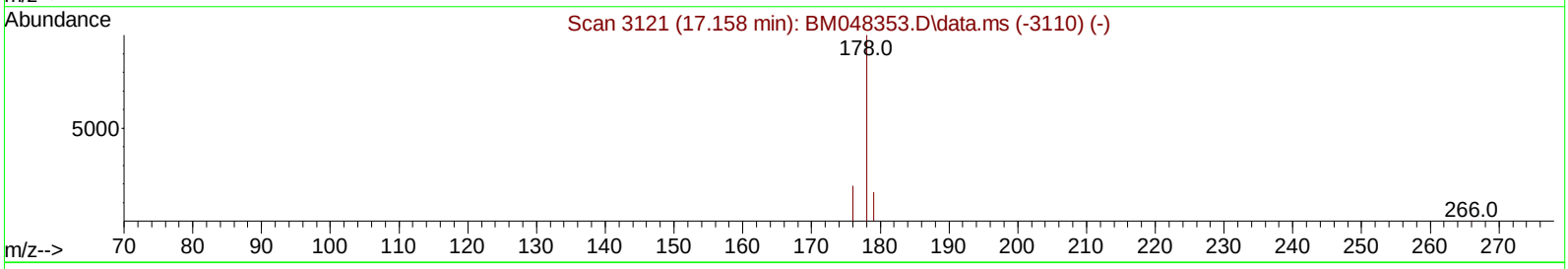






TIC: BM048379.D\data.ms

(15) Phenanthrene

17.136min (-0.022) 0.13 ng/ul m

response 5557

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.40	17.86
176.00	20.00	21.64
0.00	0.00	0.00

Quantitation Report (Qedit)

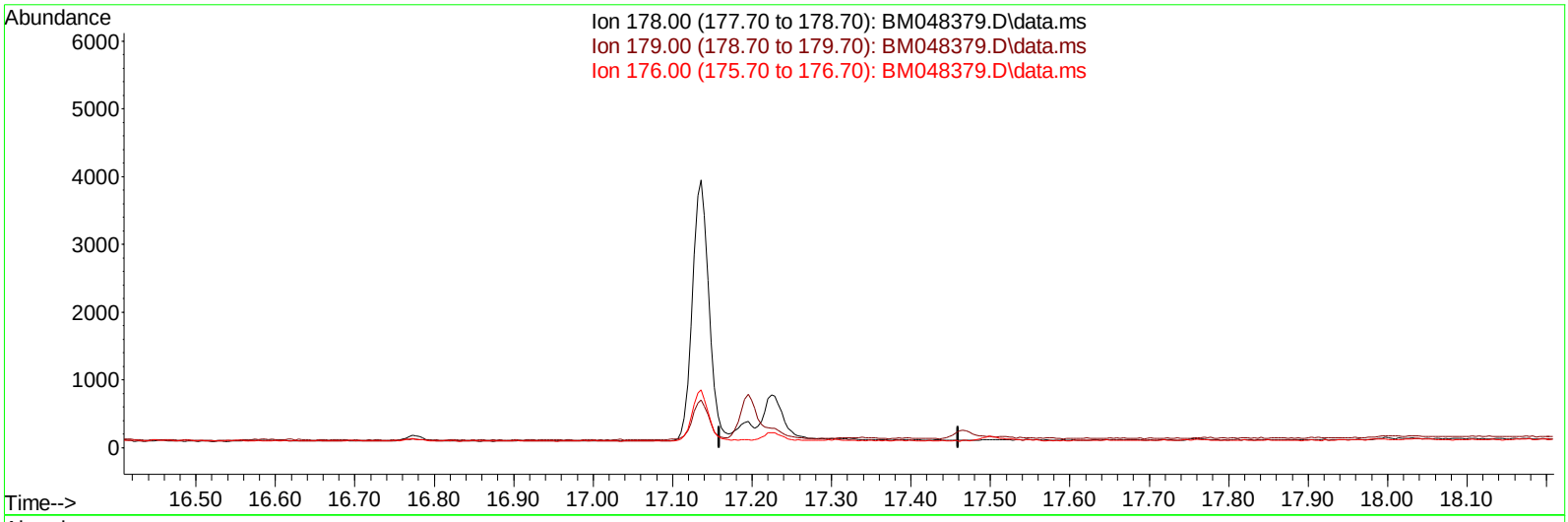
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048379.D
Acq On : 01 Nov 2024 04:41
Operator : RC/JU
Sample : P4592-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

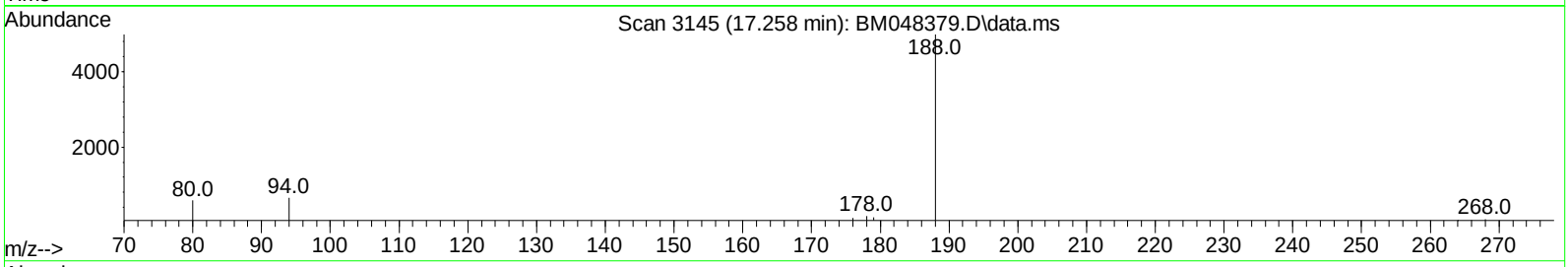
Quant Time: Nov 03 07:05:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration

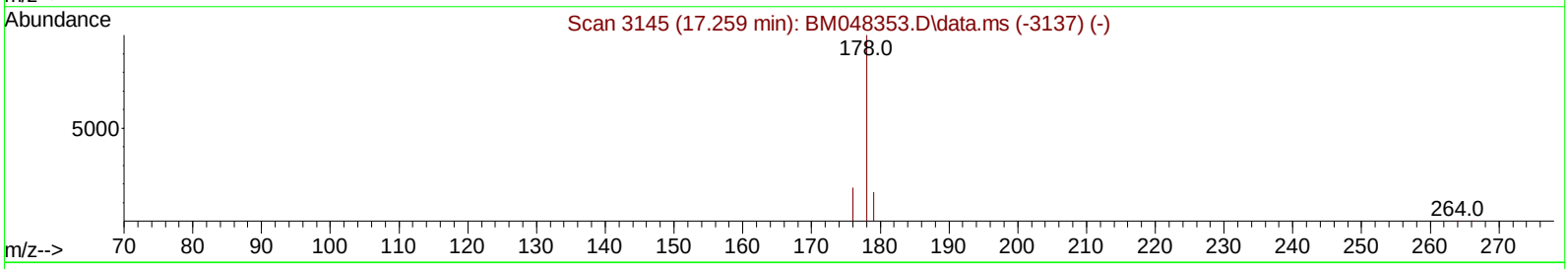
Instrument :
BNA_M
ClientSampleId :
F7H02

Manual IntegrationsAPPROVED

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







TIC: BM048379.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)

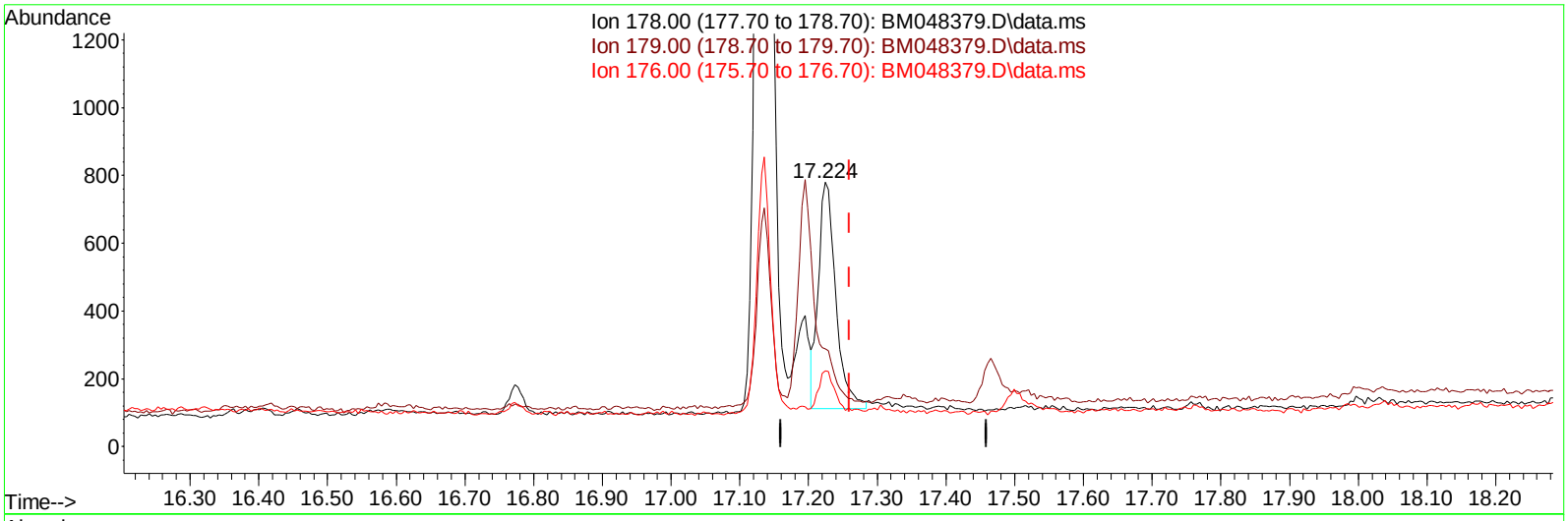
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048379.D
Acq On : 01 Nov 2024 04:41
Operator : RC/JU
Sample : P4592-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

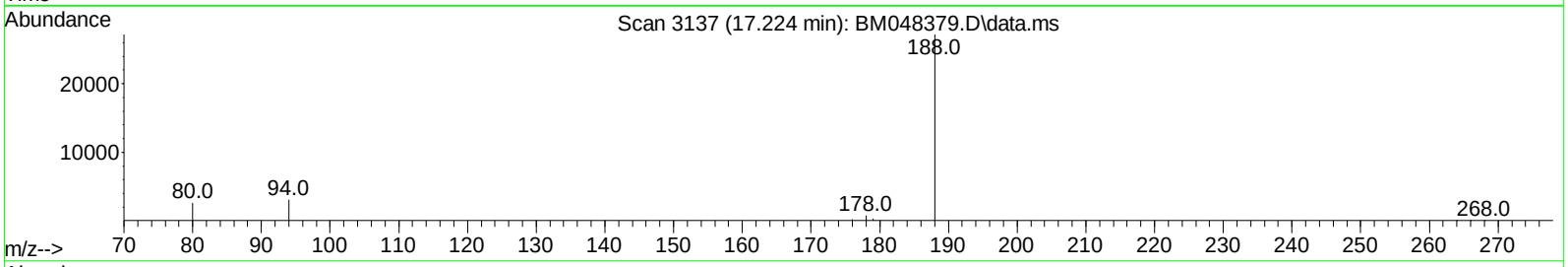
Quant Time: Nov 03 07:05:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration

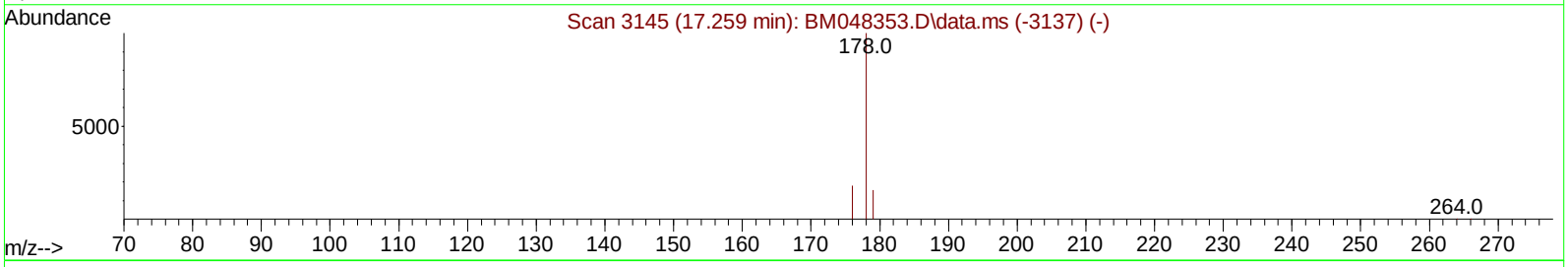
Instrument :
BNA_M
ClientSampleId :
F7H02

Manual IntegrationsAPPROVED

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







TIC: BM048379.D\data.ms

(16) Anthracene

17.224min (-0.035) 0.03 ng/ul m

response 1173

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	36.92#
176.00	19.70	28.72#
0.00	0.00	0.00

Quantitation Report (Qedit)

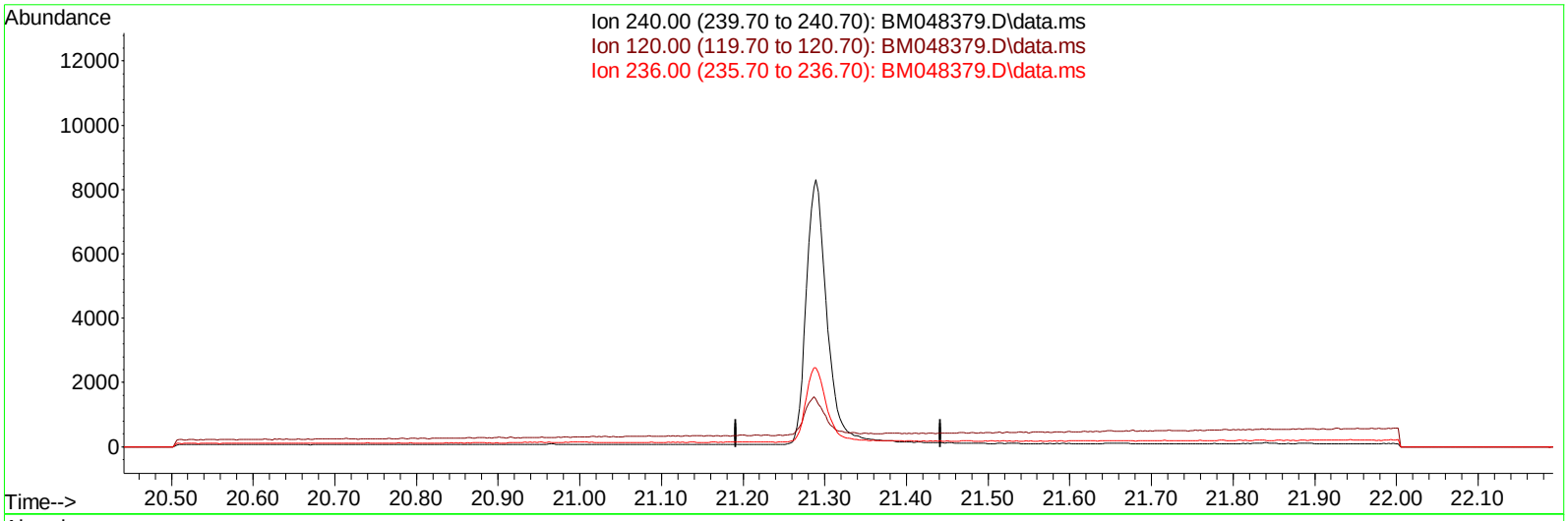
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048379.D
Acq On : 01 Nov 2024 04:41
Operator : RC/JU
Sample : P4592-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

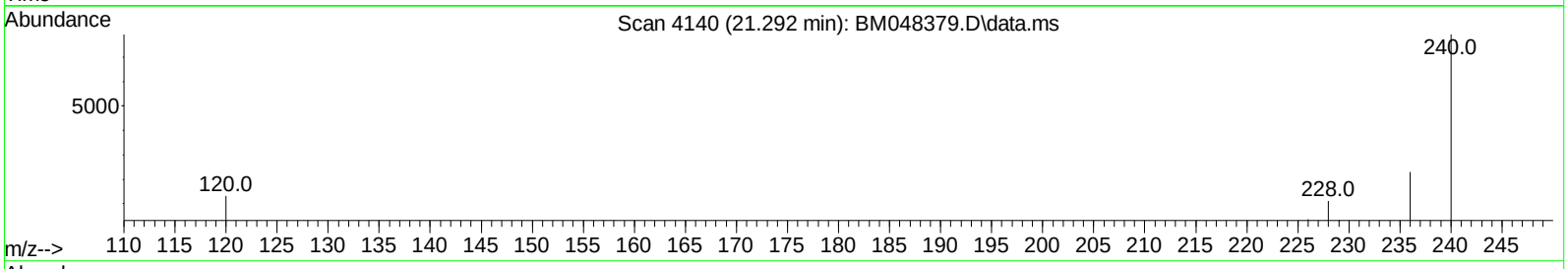
Quant Time: Nov 03 07:05:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration

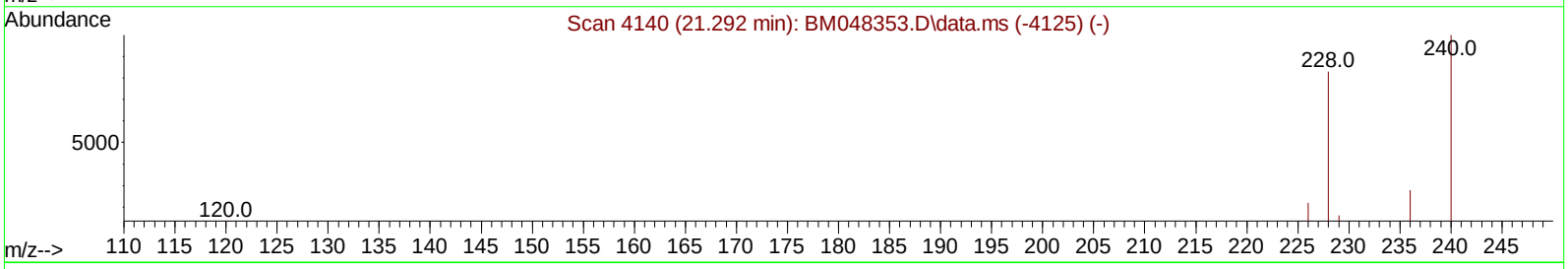
Instrument :
BNA_M
ClientSampleId :
F7H02

Manual IntegrationsAPPROVED

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







TIC: BM048379.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 : BM048379.D
Acq On : 01 Nov 2024 04:41
Operator : RC/JU
Sample : P4592-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Nov 03 07:05:23 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 :
F7H02

Manual IntegrationsAPPROVED

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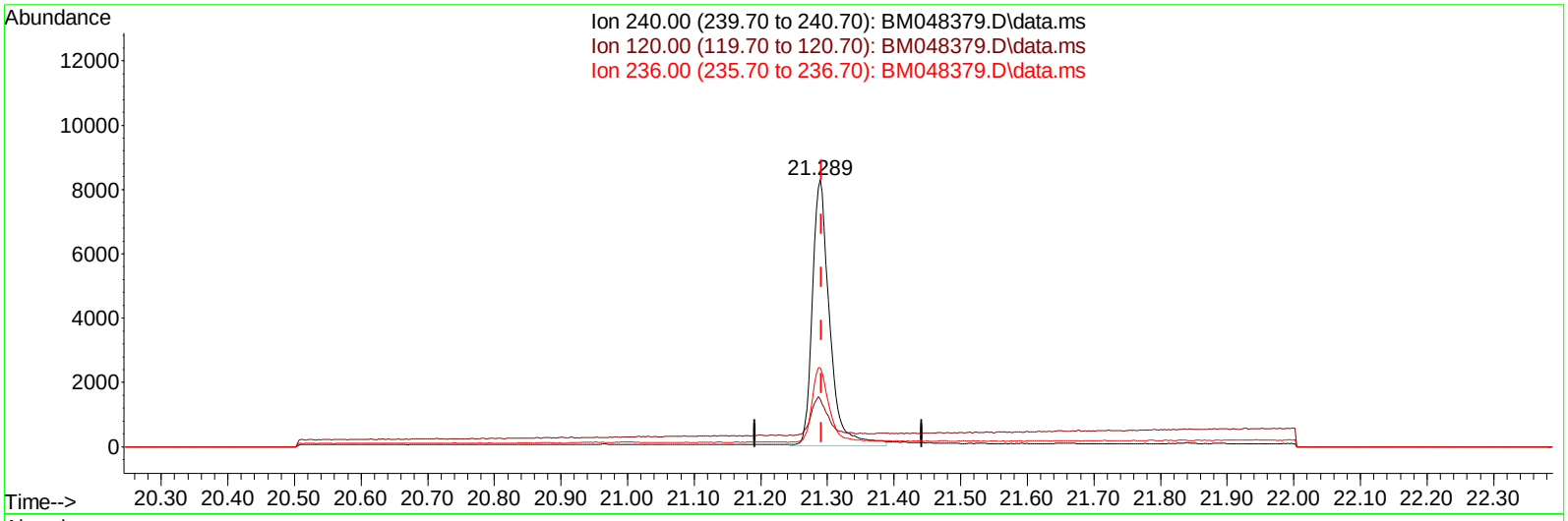
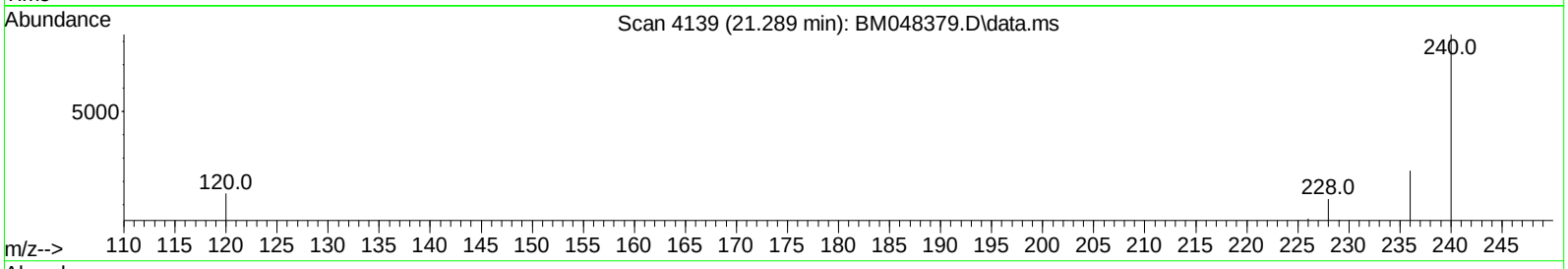
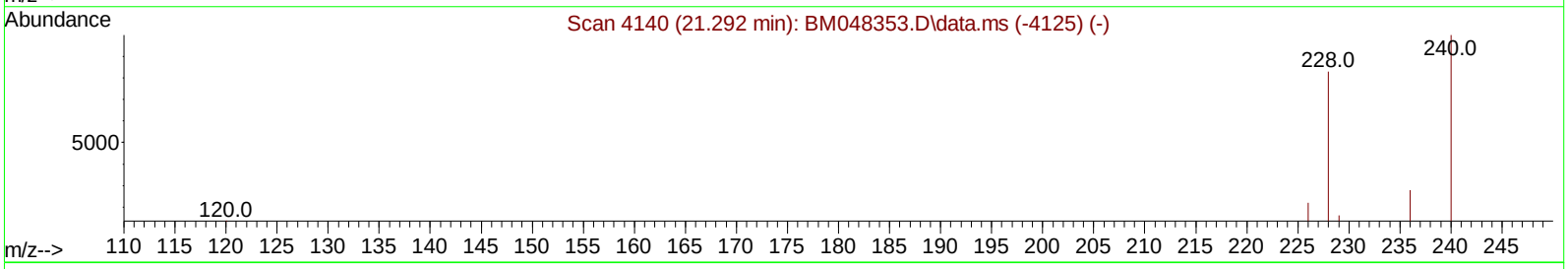
Supervised By :mohammad ahmed 11/04/2024







TIC: BM048379.D\data.ms

(17) Chrysene-d12

21.289min (-0.002) 0.40 ng/ul m

response 15050

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	19.00	17.80
236.00	29.90	29.63
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048379.D
Acq On : 01 Nov 2024 04:41
Operator : RC/JU
Sample : P4592-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Nov 03 07:05:23 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 :
F7H02

Manual IntegrationsAPPROVED

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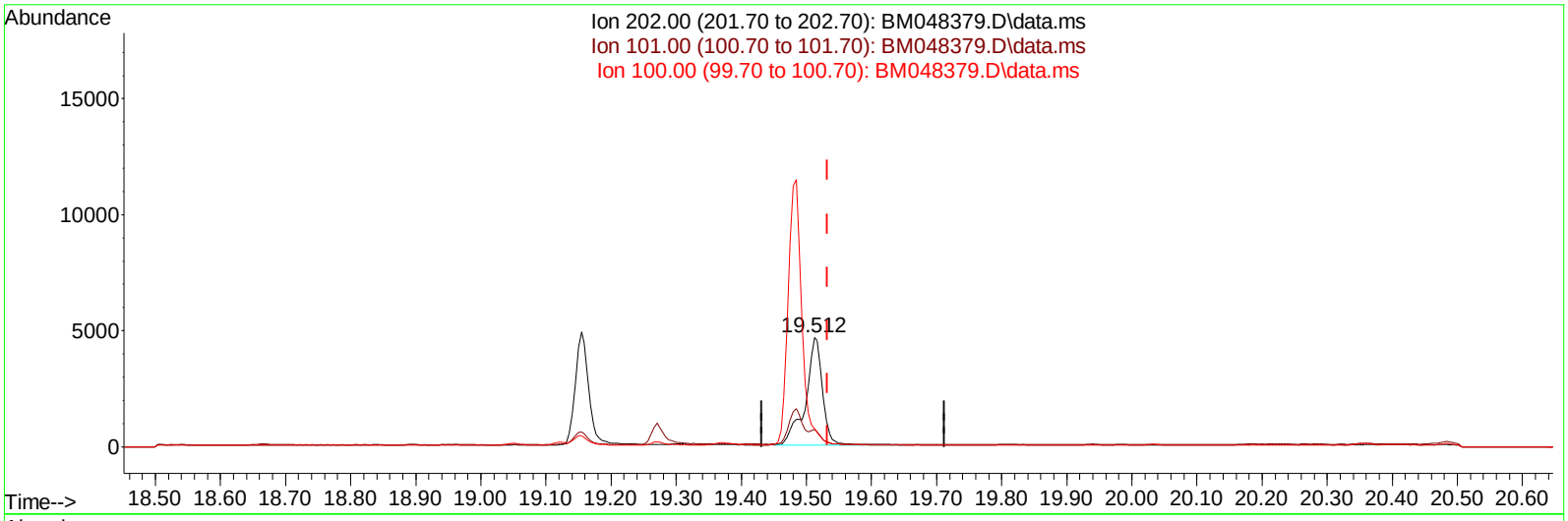

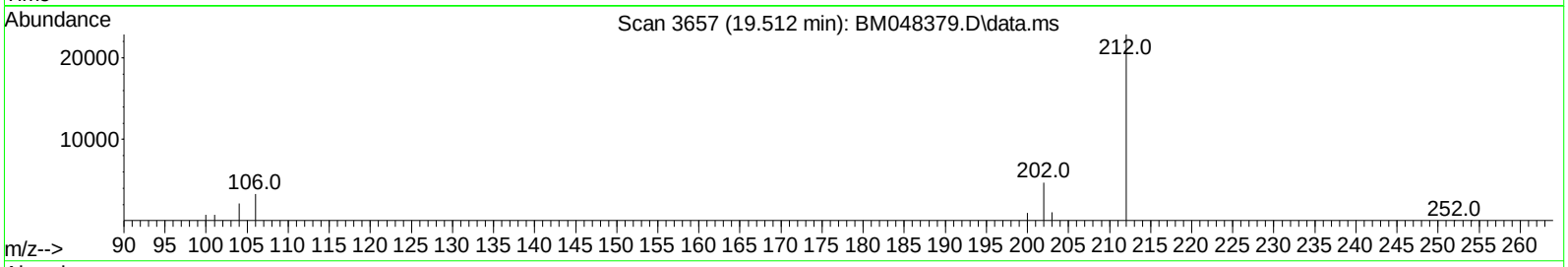

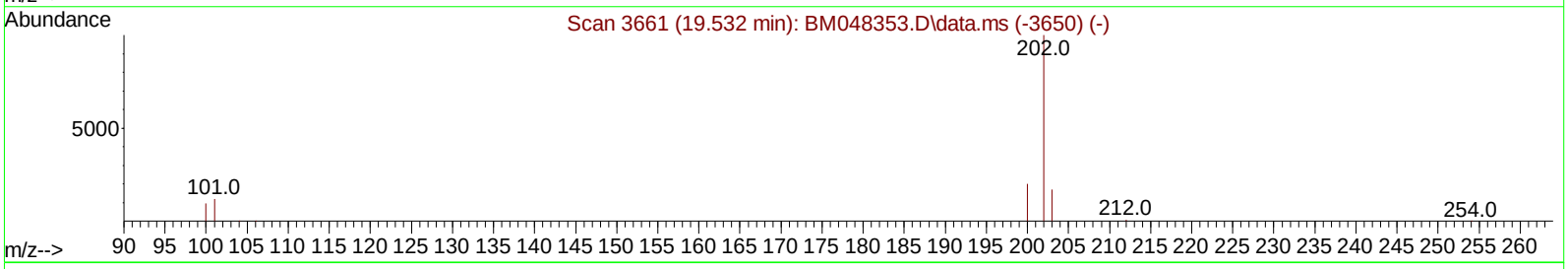

TIC: BM048379.D\data.ms

(20) Pyrene

19.512min (-0.020) 0.15 ng/ul

response 8362

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.50	15.98#
100.00	10.00	16.56#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048379.D
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ALS Vial : 31 Sample Multiplier: 1

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Instrument :
BNA_M
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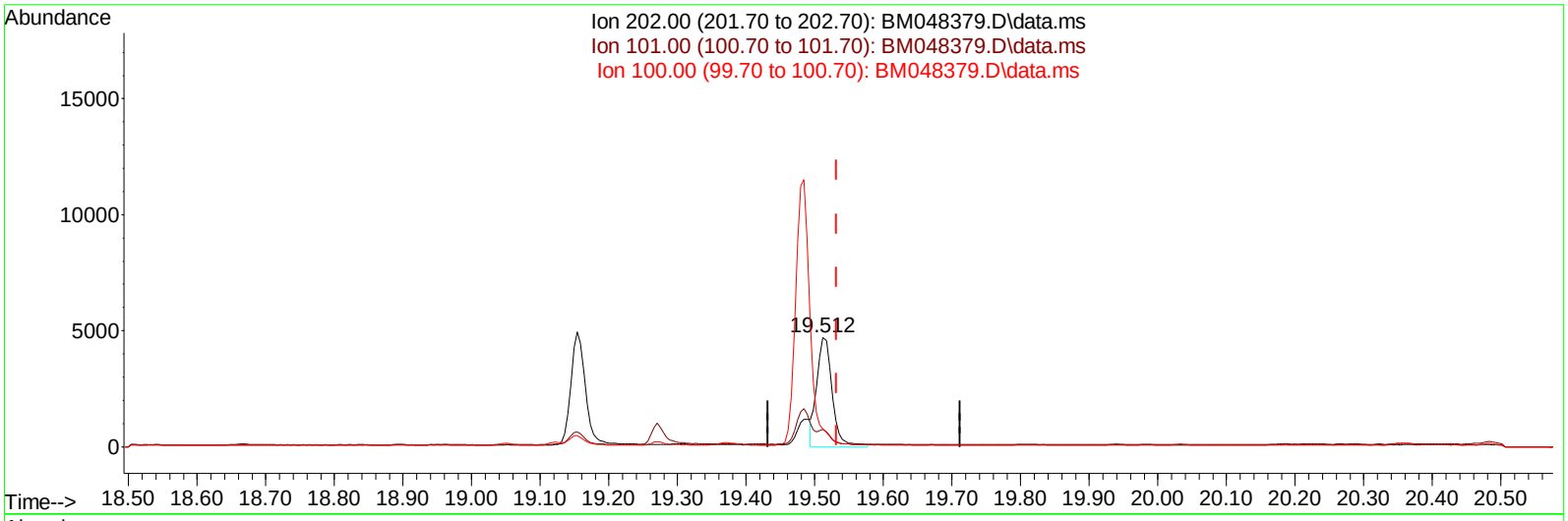

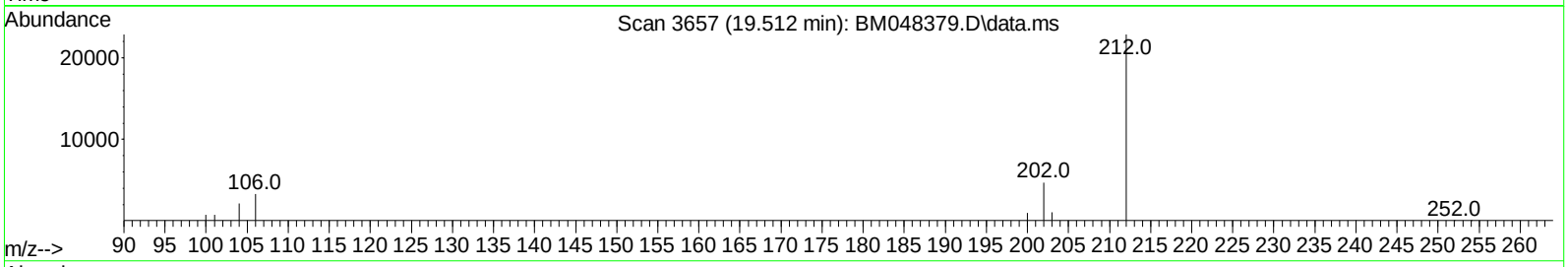

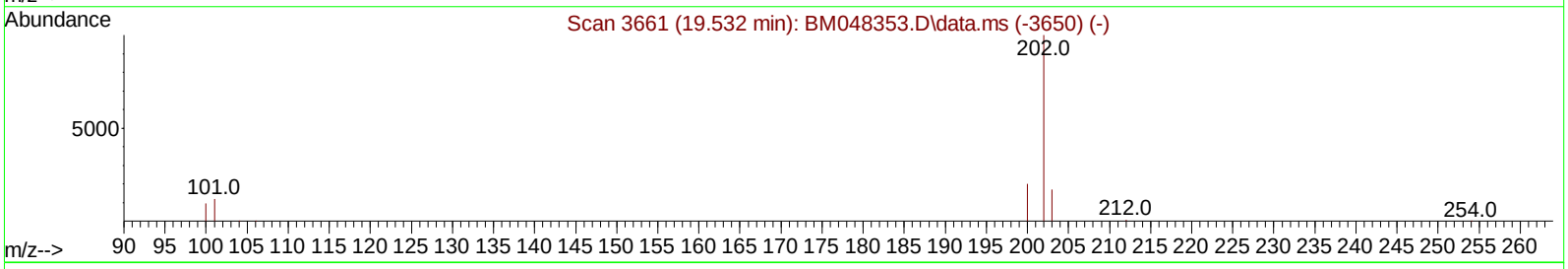

TIC: BM048379.D\data.ms

(20) Pyrene

19.512min (-0.020) 0.13 ng/ul m

response 7227

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.50	15.98#
100.00	10.00	16.56#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048379.D
Acq On : 01 Nov 2024 04:41
Operator : RC/JU
Sample : P4592-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Nov 03 07:05:23 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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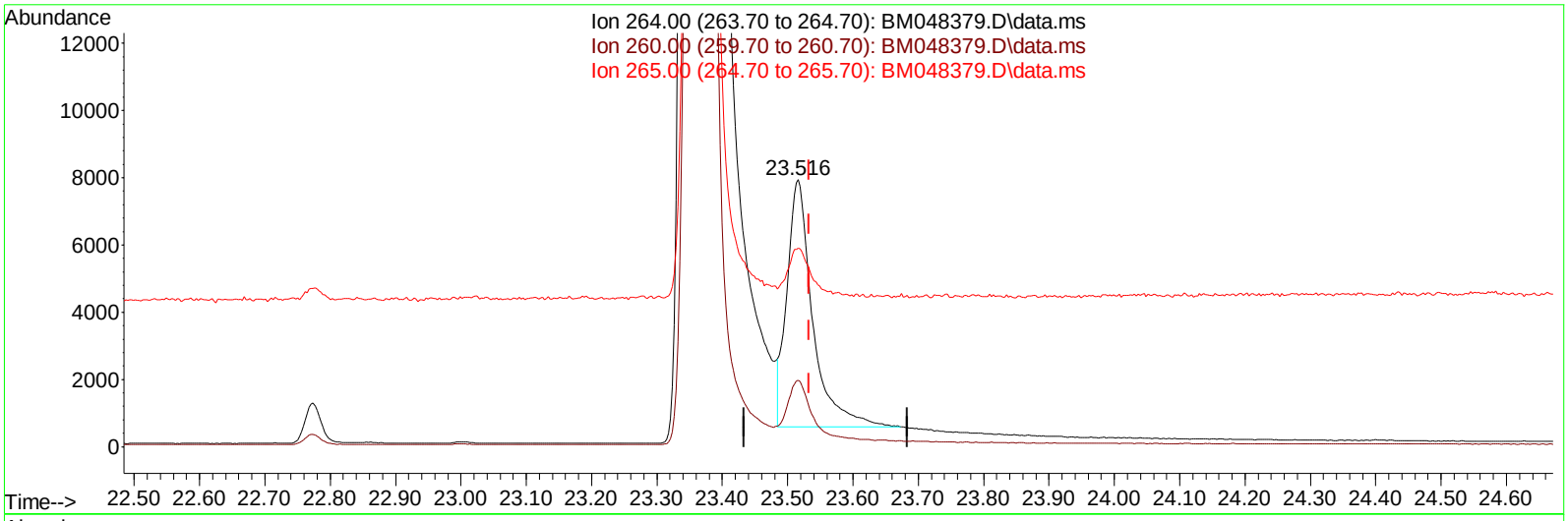
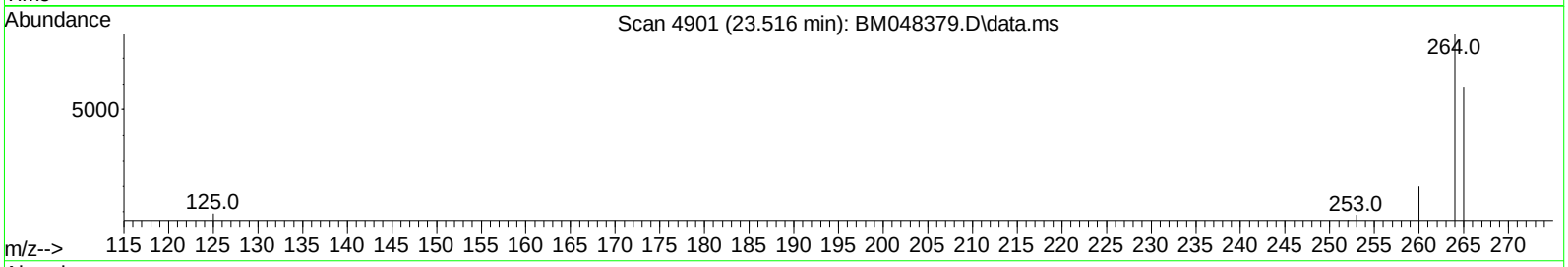
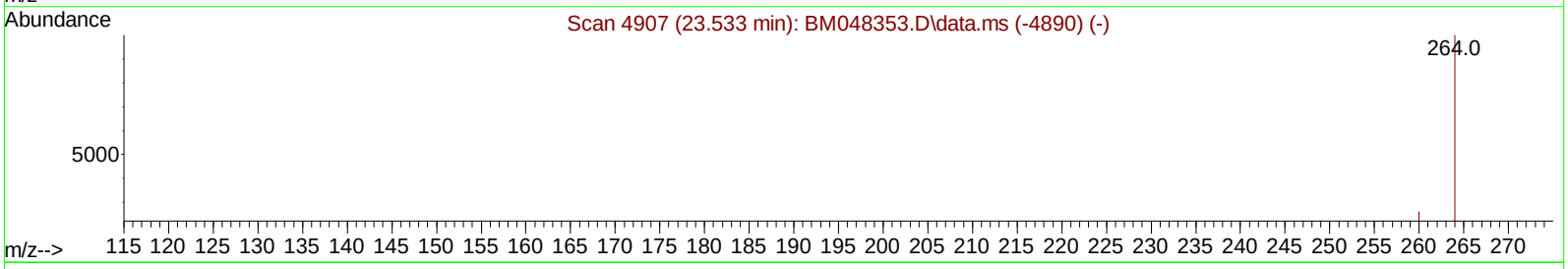






TIC: BM048379.D\data.ms

(23) Perylene-d12 (I)

23.516min (-0.017) 0.40 ng/ul

response 20111

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.80	24.97
265.00	120.80	74.28#
0.00	0.00	0.00

Quantitation Report (Qedit)

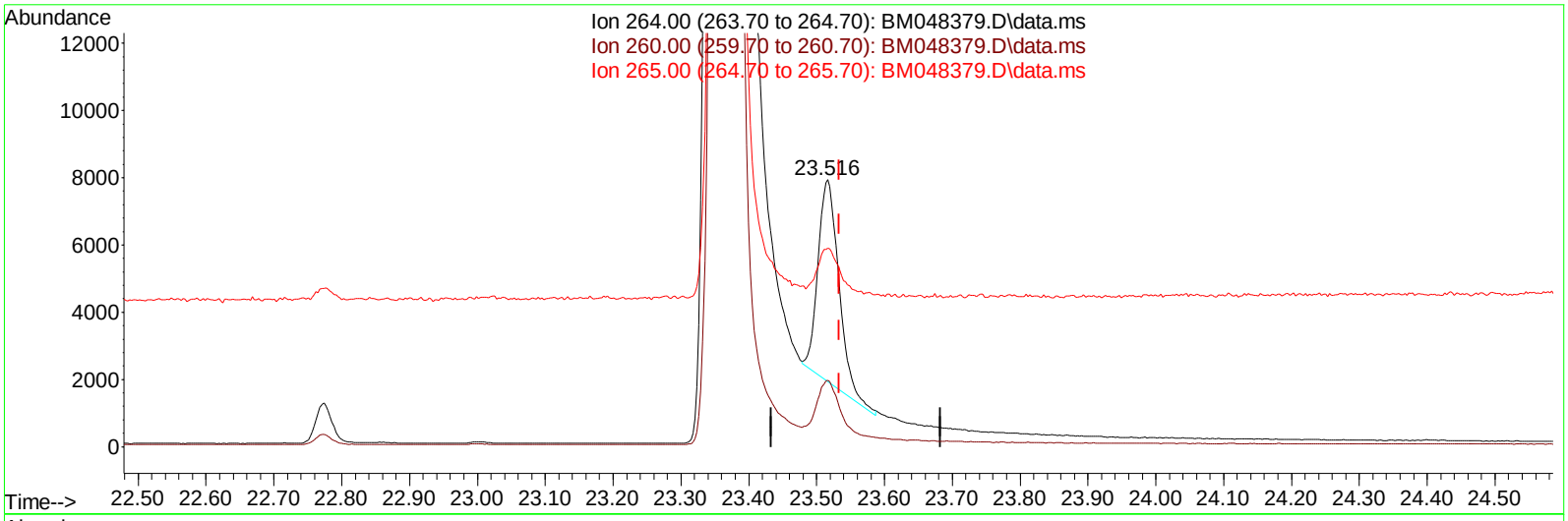
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048379.D
Acq On : 01 Nov 2024 04:41
Operator : RC/JU
Sample : P4592-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

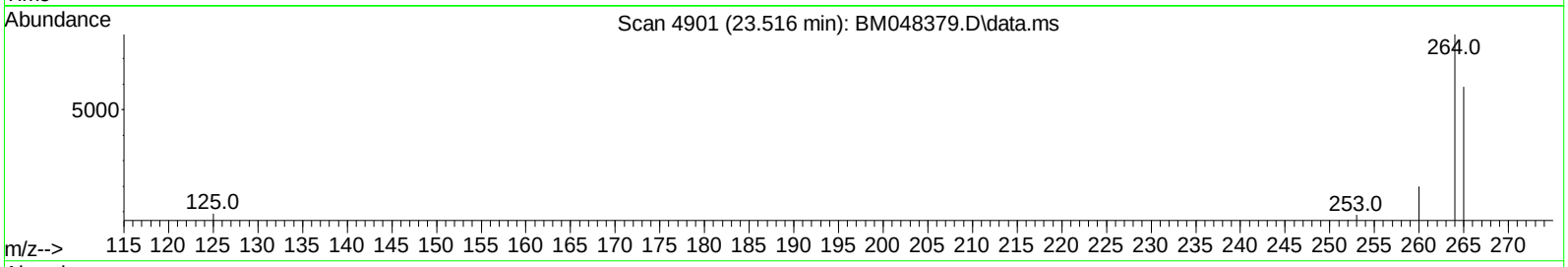
Quant Time: Nov 03 07:05:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration

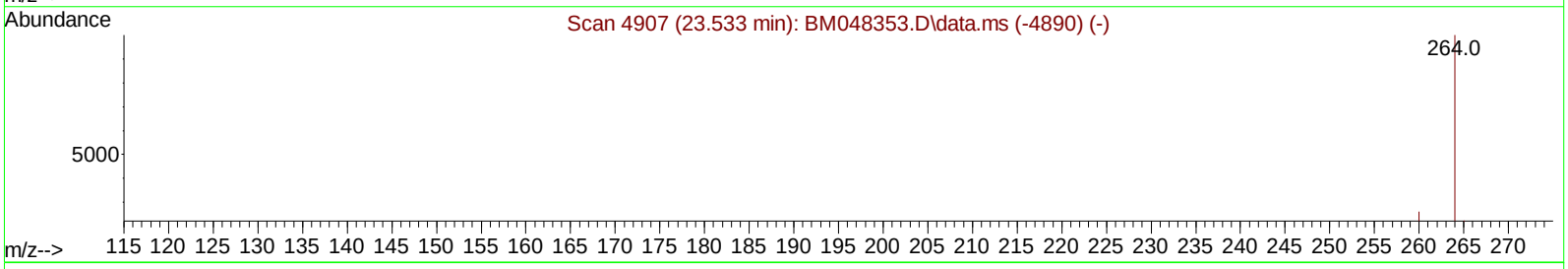
Instrument :
BNA_M
ClientSampleId :
F7H02

Manual IntegrationsAPPROVED

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







TIC: BM048379.D\data.ms

(23) Perylene-d12 (I)

23.516min (-0.017) 0.40 ng/ul m

response 12706

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.80	24.97
265.00	120.80	74.28#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048379.D
Acq On : 01 Nov 2024 04:41
Operator : RC/JU
Sample : P4592-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Nov 03 07:05:23 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 :
F7H02

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/04/2024
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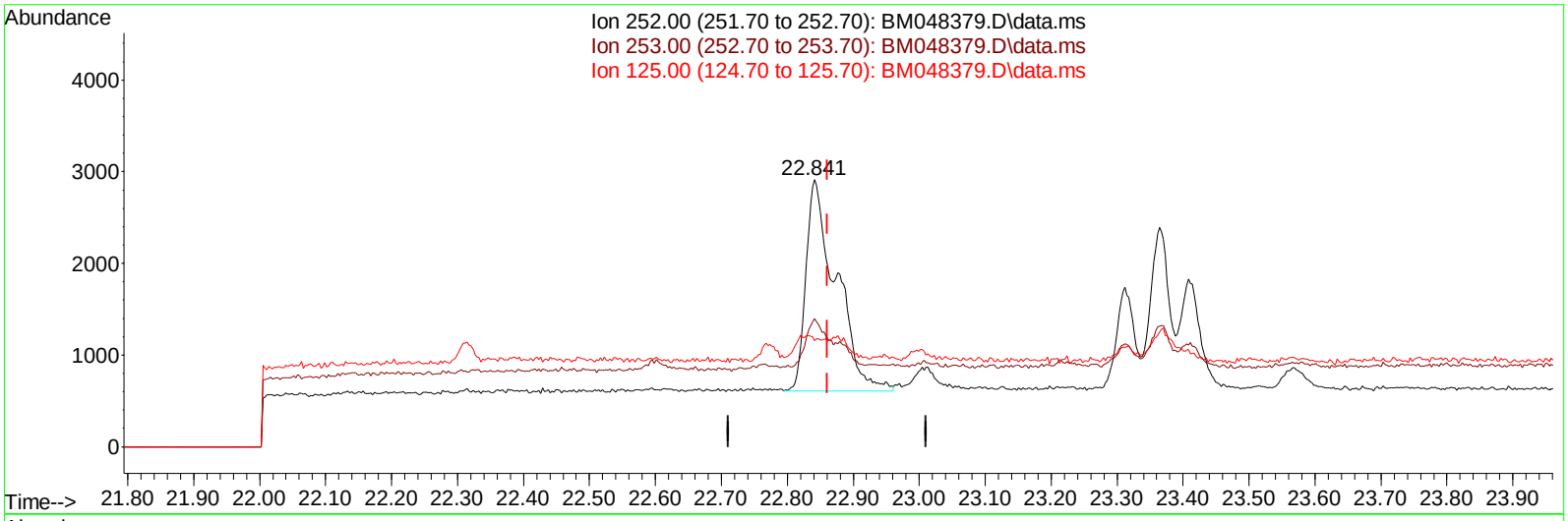
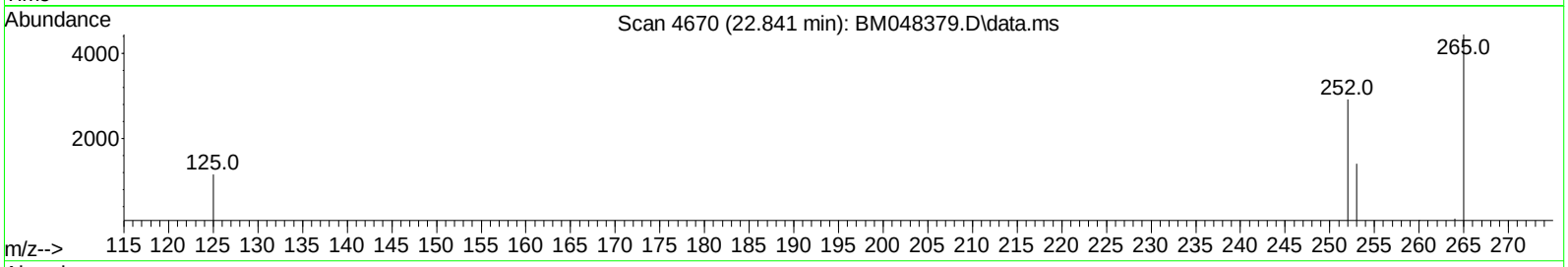
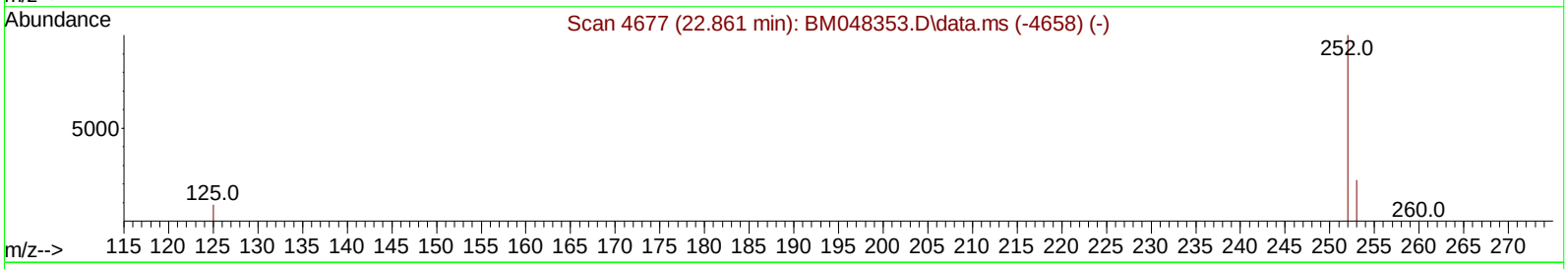






TIC: BM048379.D\data.ms

(24) Benzo(b)fluoranthene

22.841min (-0.020) 0.17 ng/ul

response 7314

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.70	48.02
125.00	19.00	39.75#
0.00	0.00	0.00

Quantitation Report (Qedit)

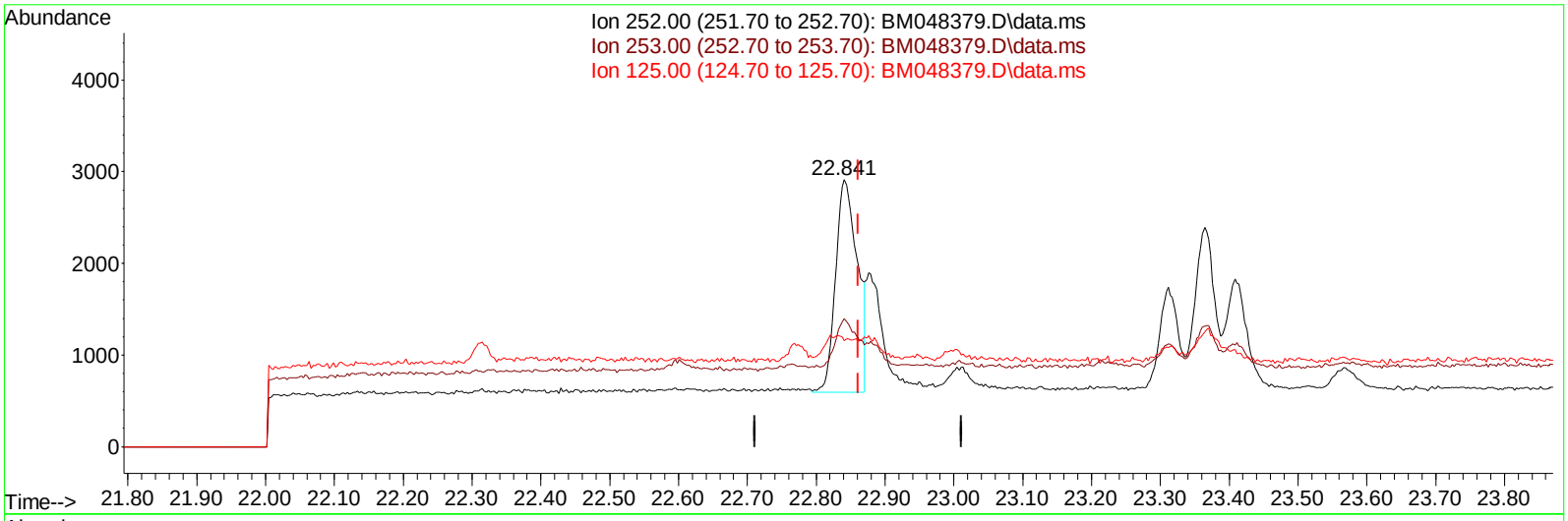
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048379.D
Acq On : 01 Nov 2024 04:41
Operator : RC/JU
Sample : P4592-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

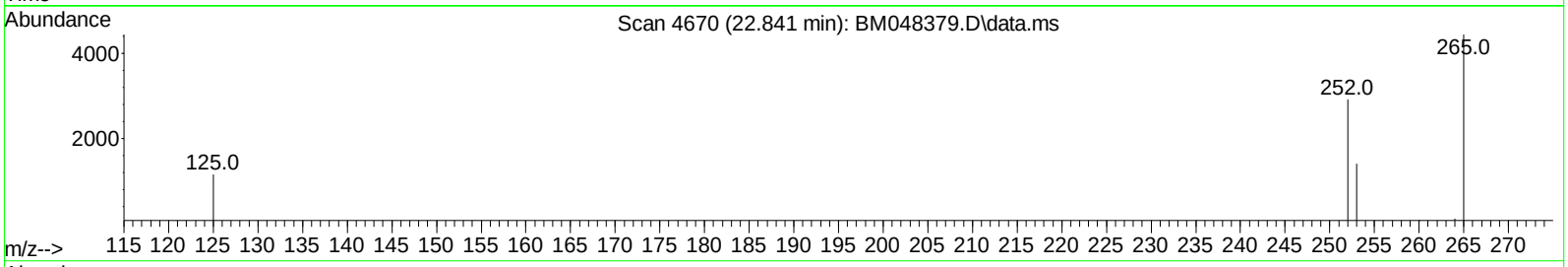
Quant Time: Nov 03 07:05:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration

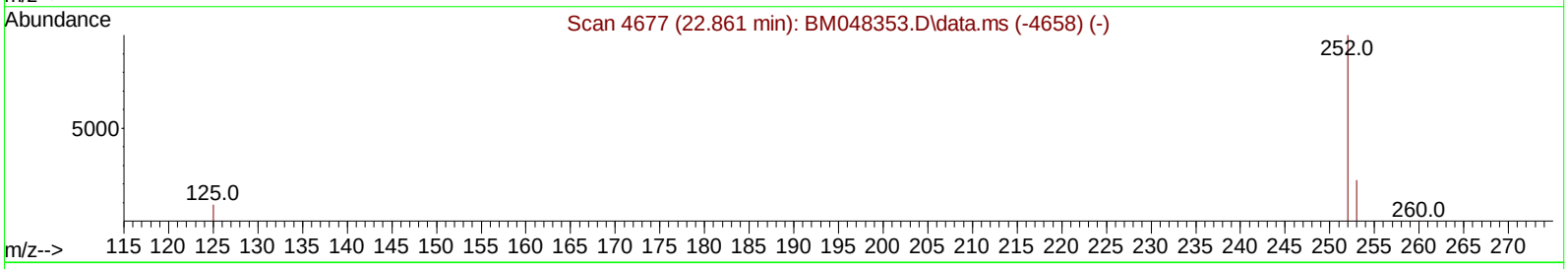
Instrument :
BNA_M
ClientSampleId :
F7H02

Manual IntegrationsAPPROVED

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







TIC: BM048379.D\data.ms

(24) Benzo(b)fluoranthene

22.841min (-0.020) 0.12 ng/ul m

response 5133

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.70	48.02
125.00	19.00	39.75#
0.00	0.00	0.00

Quantitation Report (Qedit)

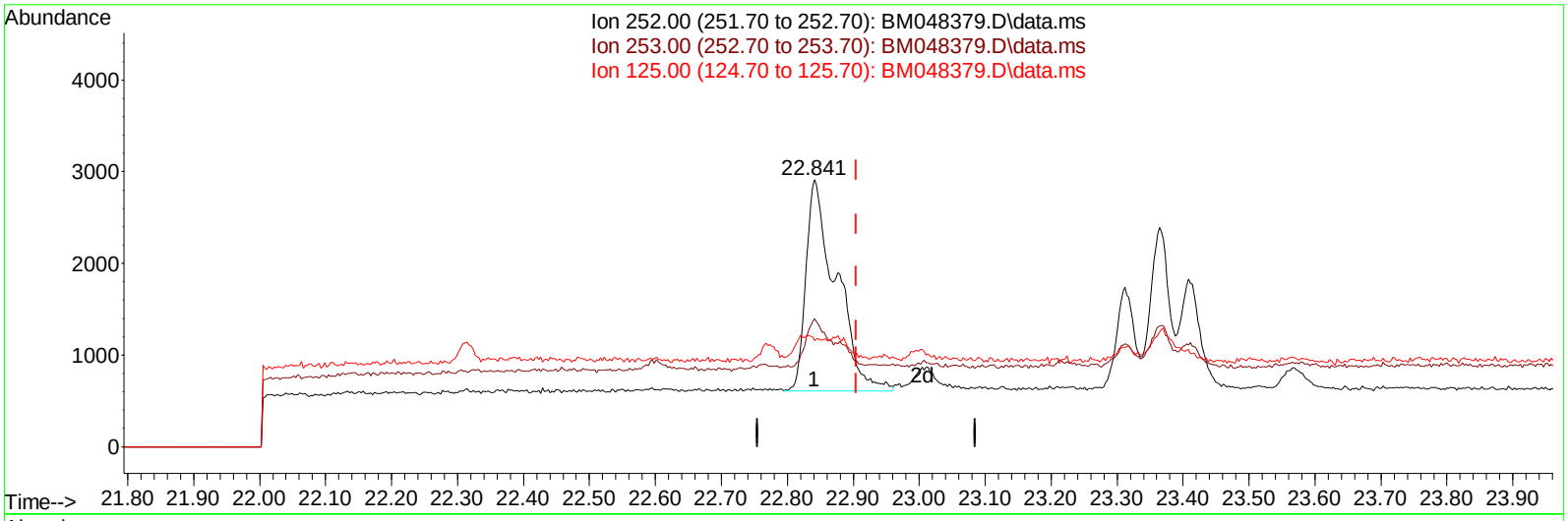
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048379.D
Acq On : 01 Nov 2024 04:41
Operator : RC/JU
Sample : P4592-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

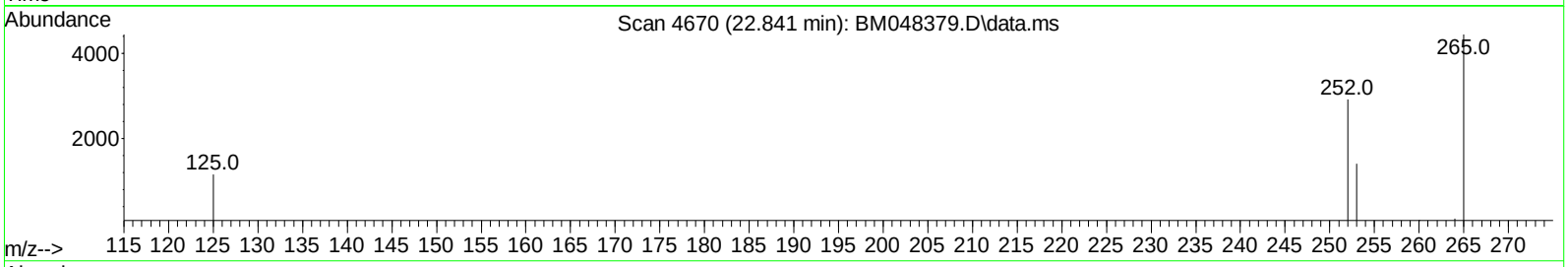
Quant Time: Nov 03 07:05:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration

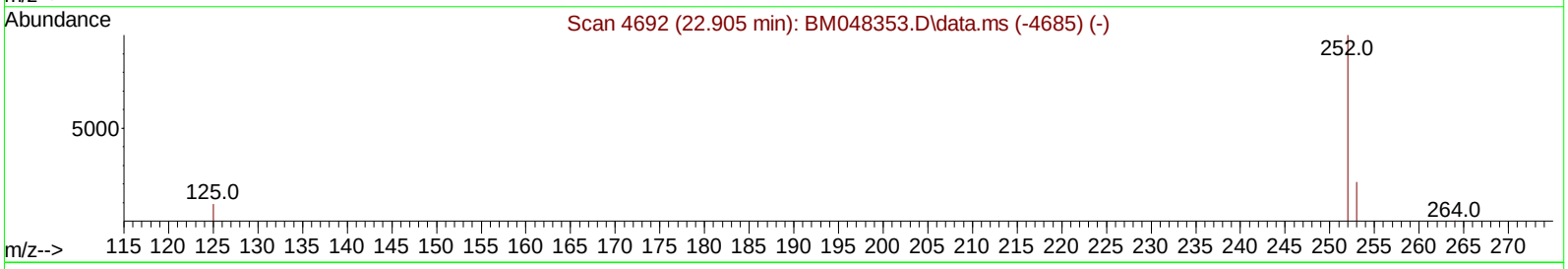
Instrument :
BNA_M
ClientSampleId :
F7H02

Manual IntegrationsAPPROVED

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







TIC: BM048379.D\data.ms

(25) Benzo(k)fluoranthene

22.841min (-0.064) 0.14 ng/ul

response 7314

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.20	48.02#
125.00	19.10	39.75#
0.00	0.00	0.00

Quantitation Report (Qedit)

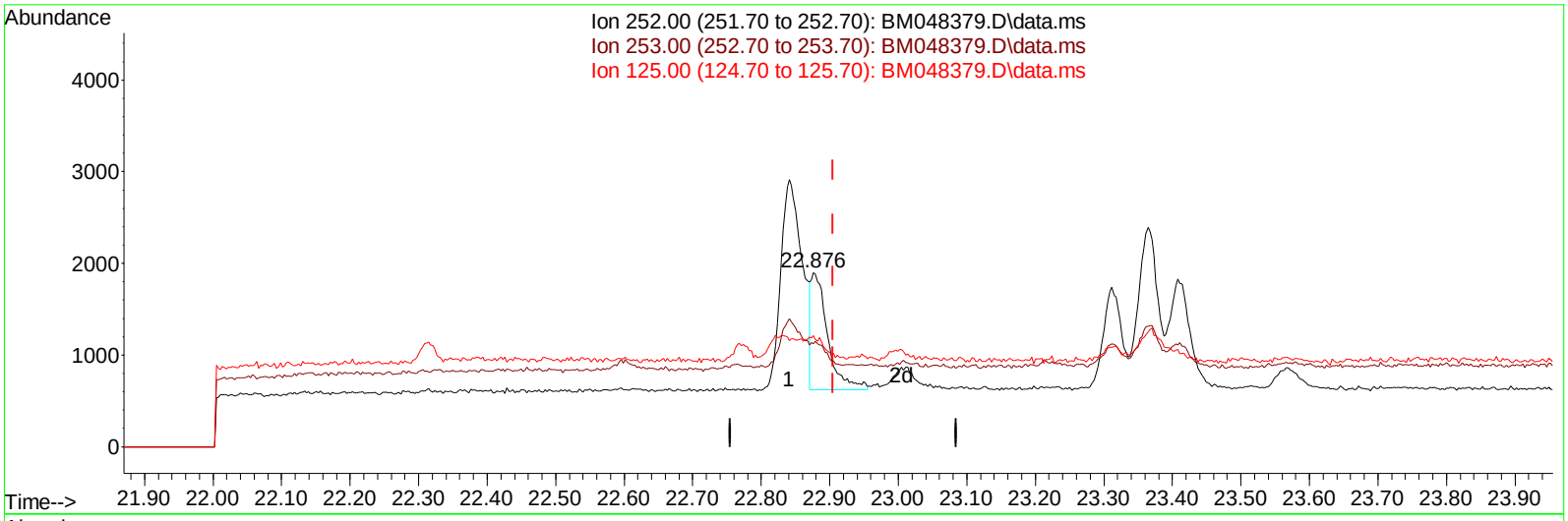
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048379.D
Acq On : 01 Nov 2024 04:41
Operator : RC/JU
Sample : P4592-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

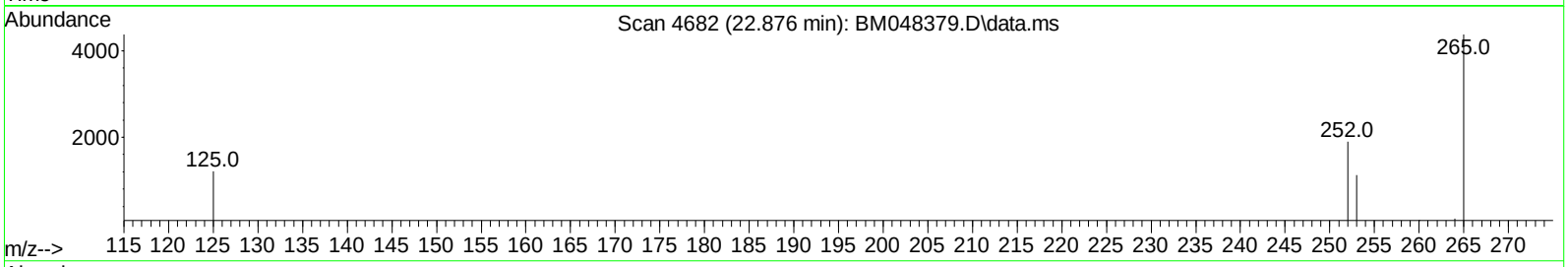
Quant Time: Nov 03 07:05:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration

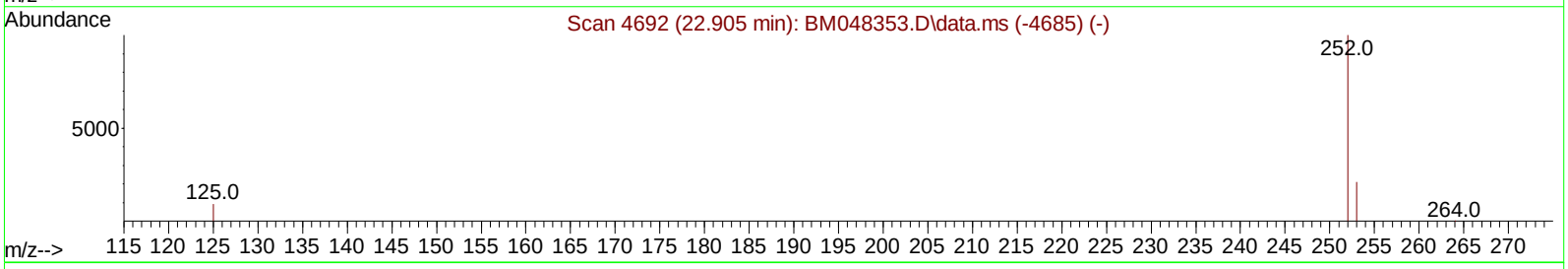
Instrument :
BNA_M
ClientSampleId :
F7H02

Manual IntegrationsAPPROVED

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







TIC: BM048379.D\data.ms

(25) Benzo(k)fluoranthene

22.876min (-0.029) 0.04 ng/ul m

response 2150

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.20	59.22#
125.00	19.10	64.01#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048379.D
Acq On : 01 Nov 2024 04:41
Operator : RC/JU
Sample : P4592-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Nov 03 07:05:23 2024
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Instrument :
BNA_M
ClientSampleId :
F7H02

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	4893	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.495	136	15750	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.348	164	8608	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.094	188	17875m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.289	240	15050m	0.400	ng/ul	0.00
23) Perylene-d12	23.516	264	12706m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	21184	3.525	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.118	152	5538	0.276	ng/ul	-0.02
18) Fluoranthene-d10	19.126	212	12892	0.337	ng/ul	-0.01
Target Compounds						Qvalue
11) Acenaphthene	14.413	153	1953	0.073	ng/ul	99
12) Fluorene	15.403	166	2529	0.085	ng/ul	98
15) Phenanthrene	17.136	178	5557m	0.125	ng/ul	
16) Anthracene	17.224	178	1173m	0.028	ng/ul	
19) Fluoranthene	19.154	202	7199	0.139	ng/ul	95
20) Pyrene	19.512	202	7227m	0.130	ng/ul	
21) Benzo(a)anthracene	21.278	228	3249	0.072	ng/ul#	89
22) Chrysene	21.321	228	3607	0.058	ng/ul#	91
24) Benzo(b)fluoranthene	22.841	252	5133m	0.118	ng/ul	
25) Benzo(k)fluoranthene	22.876	252	2150m	0.042	ng/ul	
26) Benzo(a)pyrene	23.408	252	2395	0.059	ng/ul#	48
27) Indeno(1,2,3-cd)pyrene	25.826	276	1908	0.033	ng/ul#	83
29) Benzo(g,h,i)perylene	26.520	276	1826	0.038	ng/ul#	64

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

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Misc :
ALS Vial : 31 Sample Multiplier: 1

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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 :
F7H02

Manual IntegrationsAPPROVED

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