Quantitation Report (Qedit)

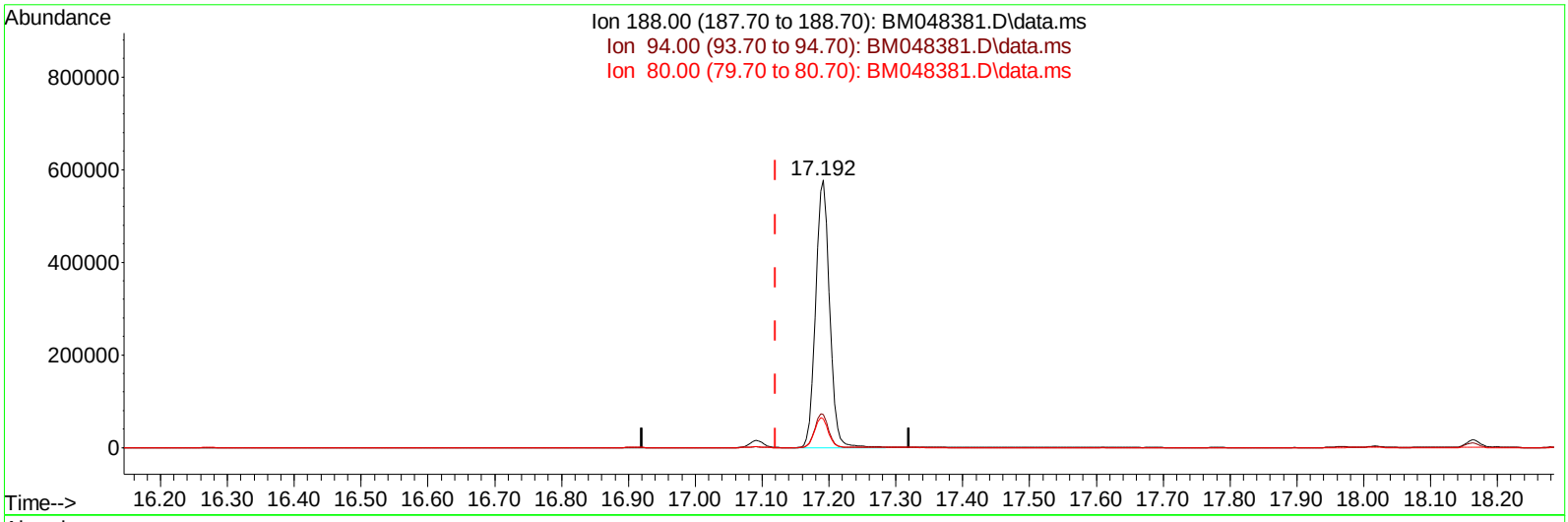
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048381.D
Acq On : 01 Nov 2024 05:54
Operator : RC/JU
Sample : P4592-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

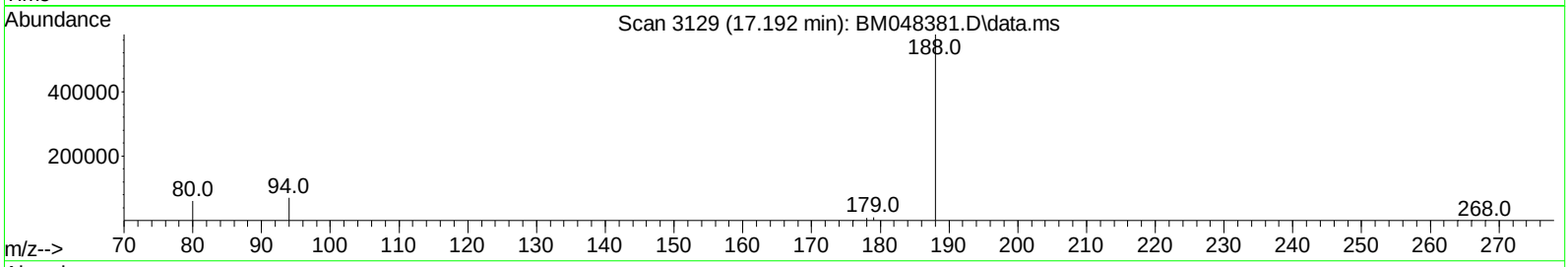
Quant Time: Nov 03 07:05:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration

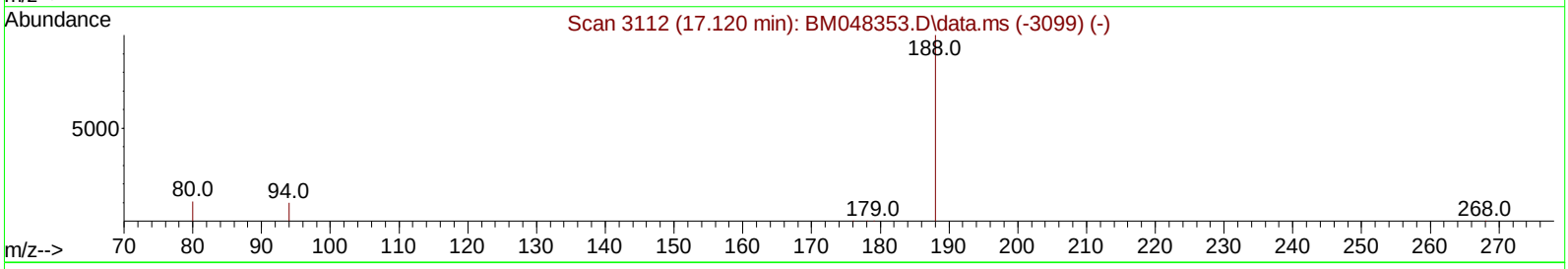
Instrument :
BNA_M
ClientSampleId :
F7H04

Manual IntegrationsAPPROVED

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







TIC: BM048381.D\data.ms

(13) Phenanthrene-d10 (I)

17.192min (+ 0.072) 0.40 ng/ul

response 832373

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.50	12.39
80.00	12.10	10.69
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048381.D
Acq On : 01 Nov 2024 05:54
Operator : RC/JU
Sample : P4592-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Nov 03 07:05:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
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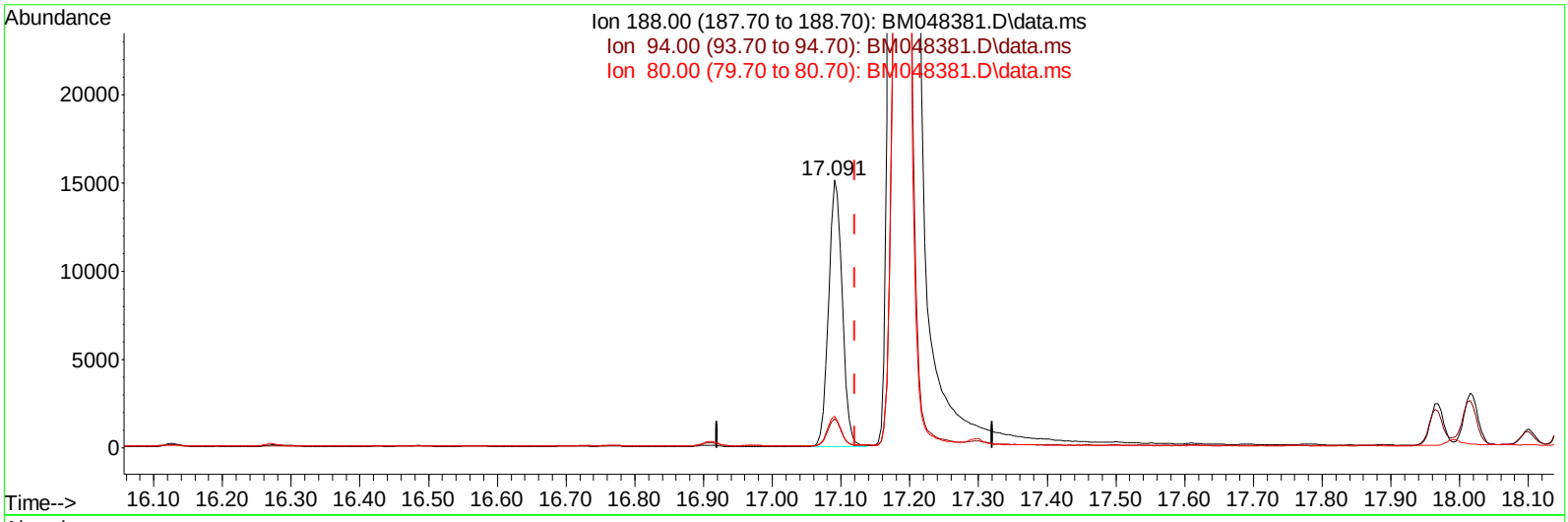
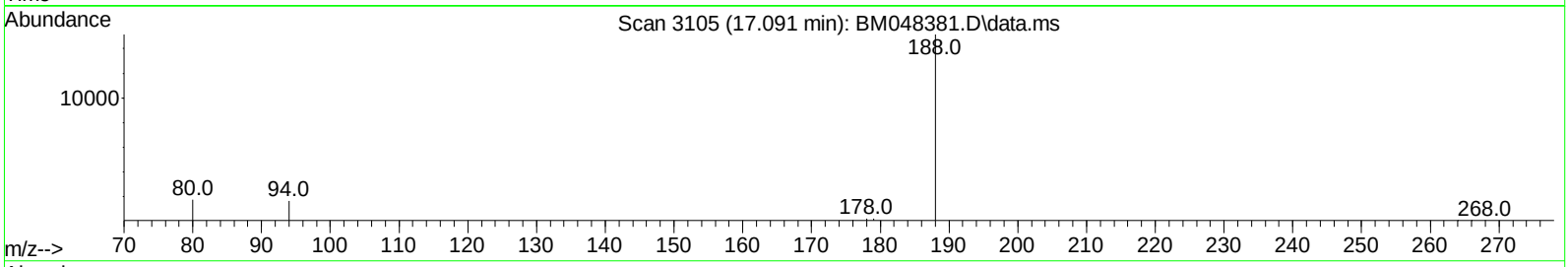
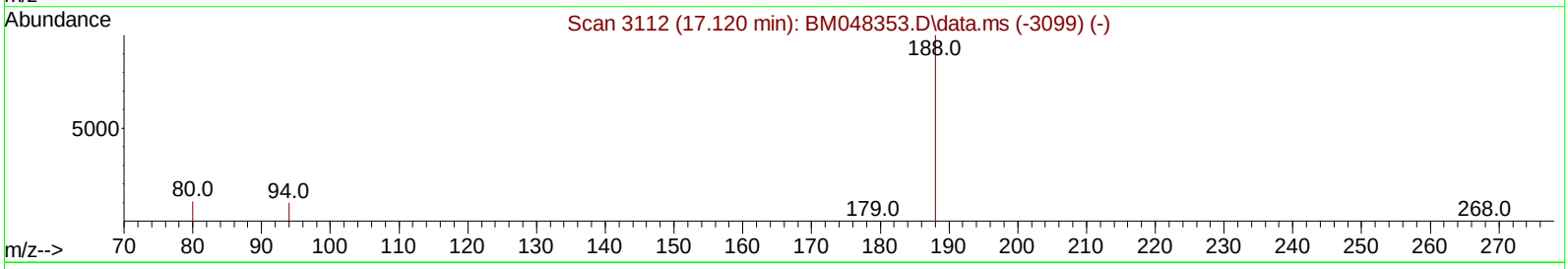
Instrument :
BNA_M
ClientSampleId :
F7H04

Manual IntegrationsAPPROVED

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







TIC: BM048381.D\data.ms

(13) Phenanthrene-d10 (I)

17.091min (-0.030) 0.40 ng/ul m

response 20919

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.50	10.85
80.00	12.10	11.65
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048381.D
Acq On : 01 Nov 2024 05:54
Operator : RC/JU
Sample : P4592-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Nov 03 07:05:36 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 :
F7H04

Manual IntegrationsAPPROVED

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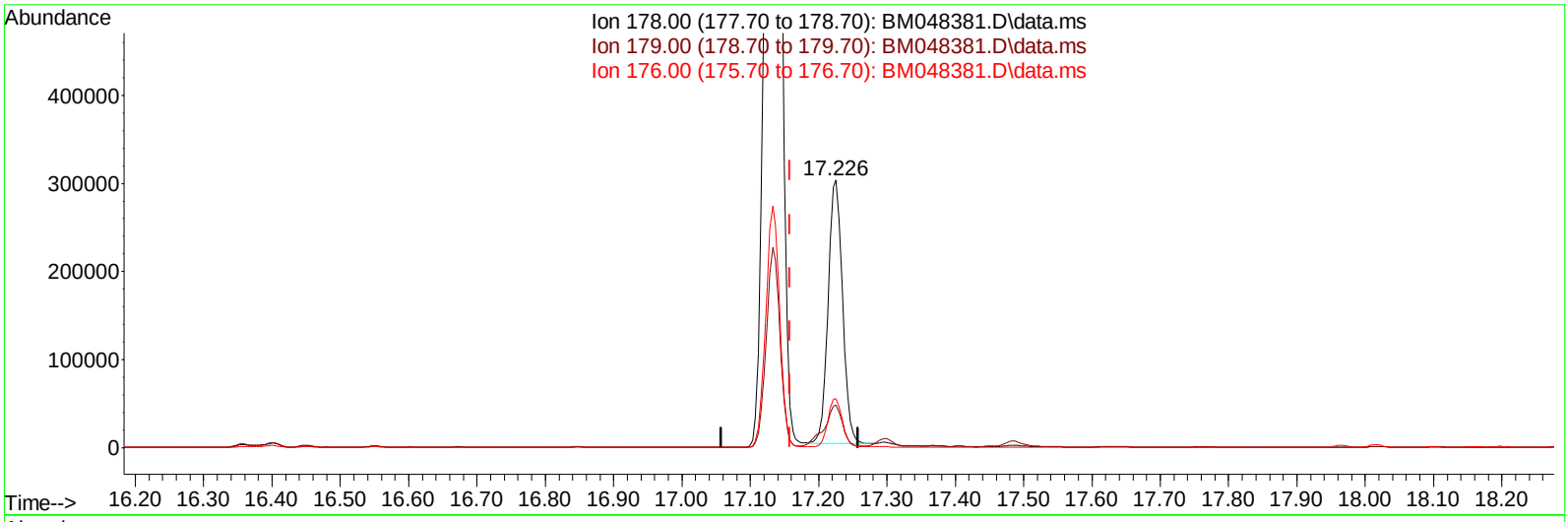
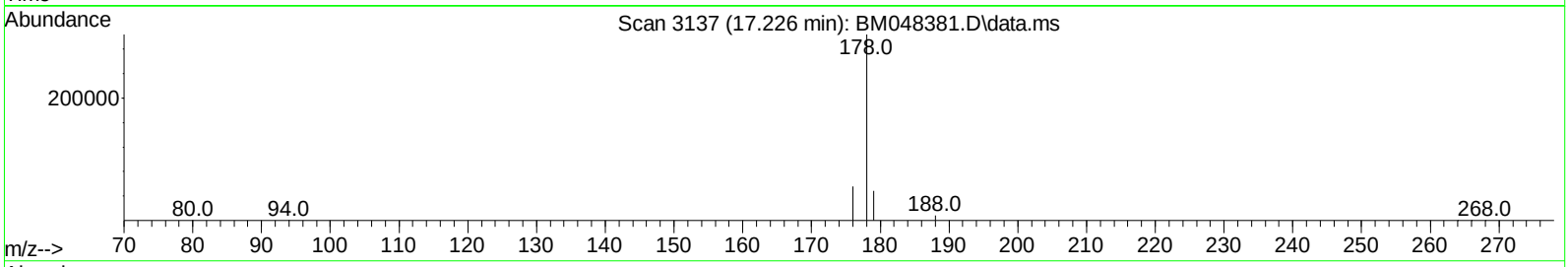
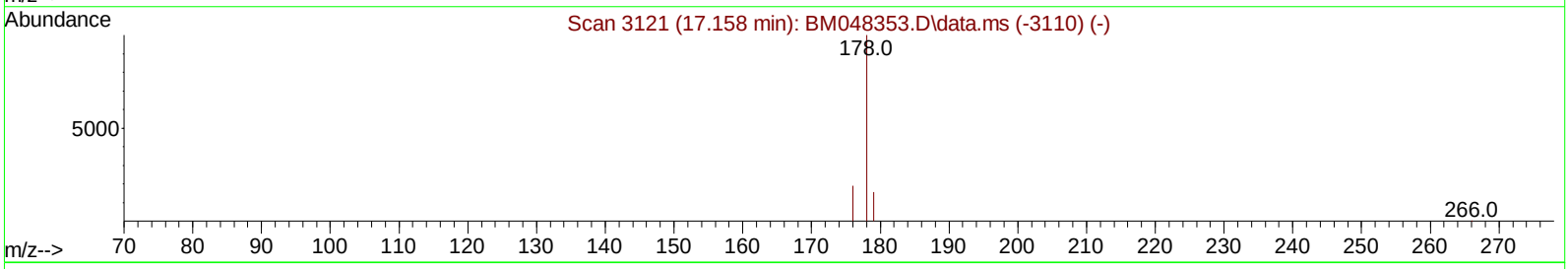






TIC: BM048381.D\data.ms

(15) Phenanthrene

17.226min (+ 0.067) 8.43 ng/ul

response 438562

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.40	15.93
176.00	20.00	18.23
0.00	0.00	0.00

Quantitation Report (Qedit)

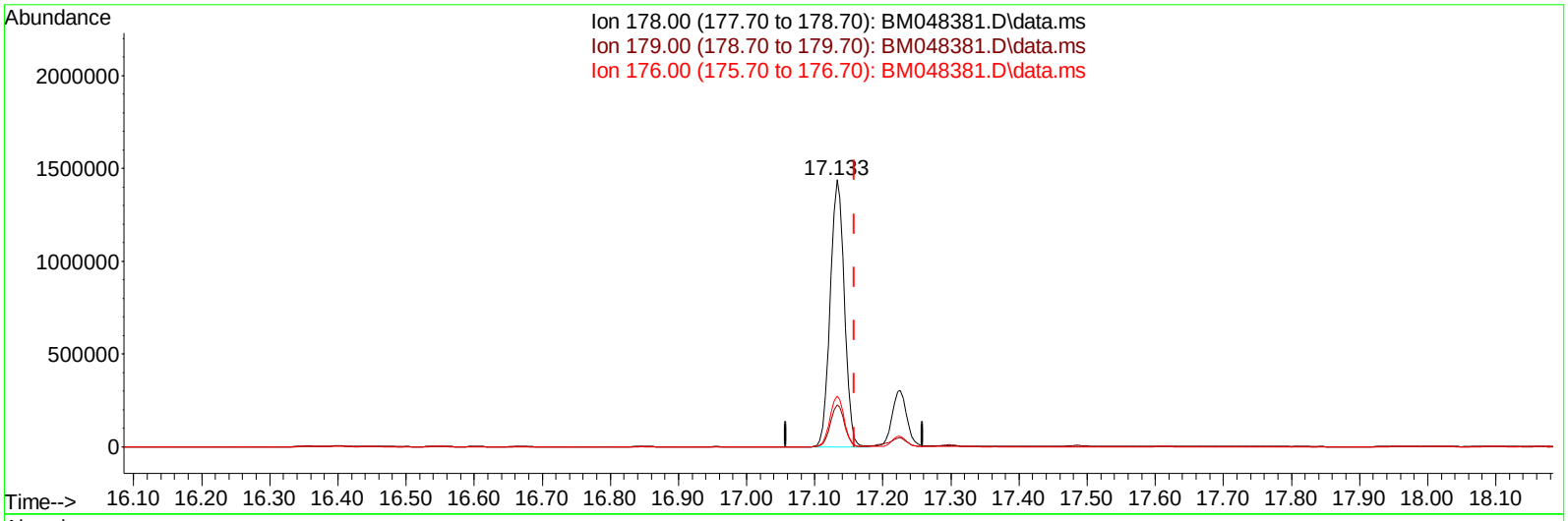
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048381.D
Acq On : 01 Nov 2024 05:54
Operator : RC/JU
Sample : P4592-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

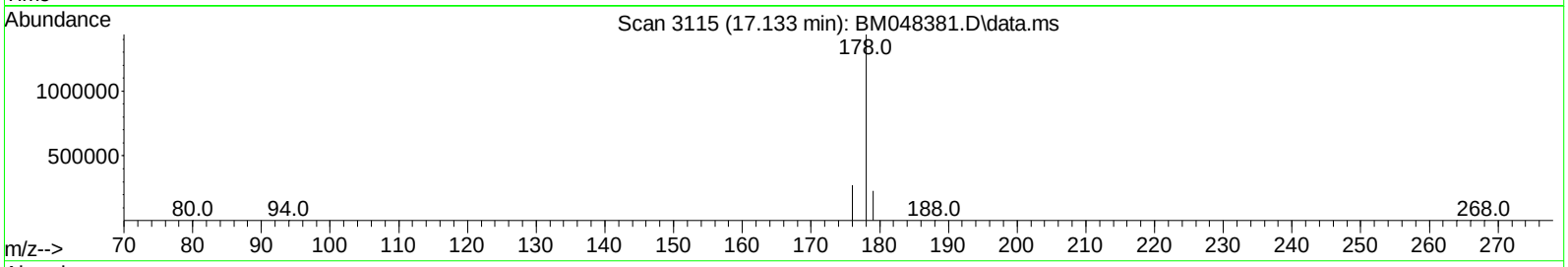
Quant Time: Nov 03 07:05:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration

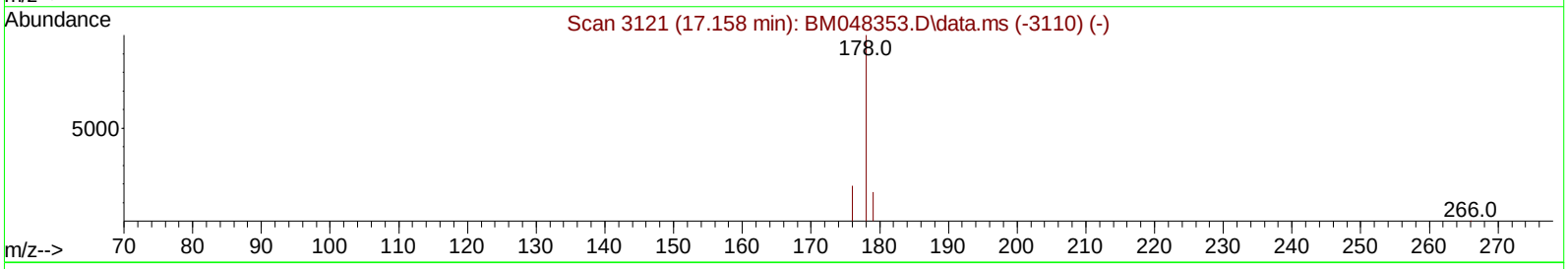
Instrument :
BNA_M
ClientSampleId :
F7H04

Manual IntegrationsAPPROVED

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







TIC: BM048381.D\data.ms

(15) Phenanthrene

17.133min (-0.025) 39.67 ng/ul m

response 2062822

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.40	15.81
176.00	20.00	19.10
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048381.D
Acq On : 01 Nov 2024 05:54
Operator : RC/JU
Sample : P4592-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Nov 03 07:05:36 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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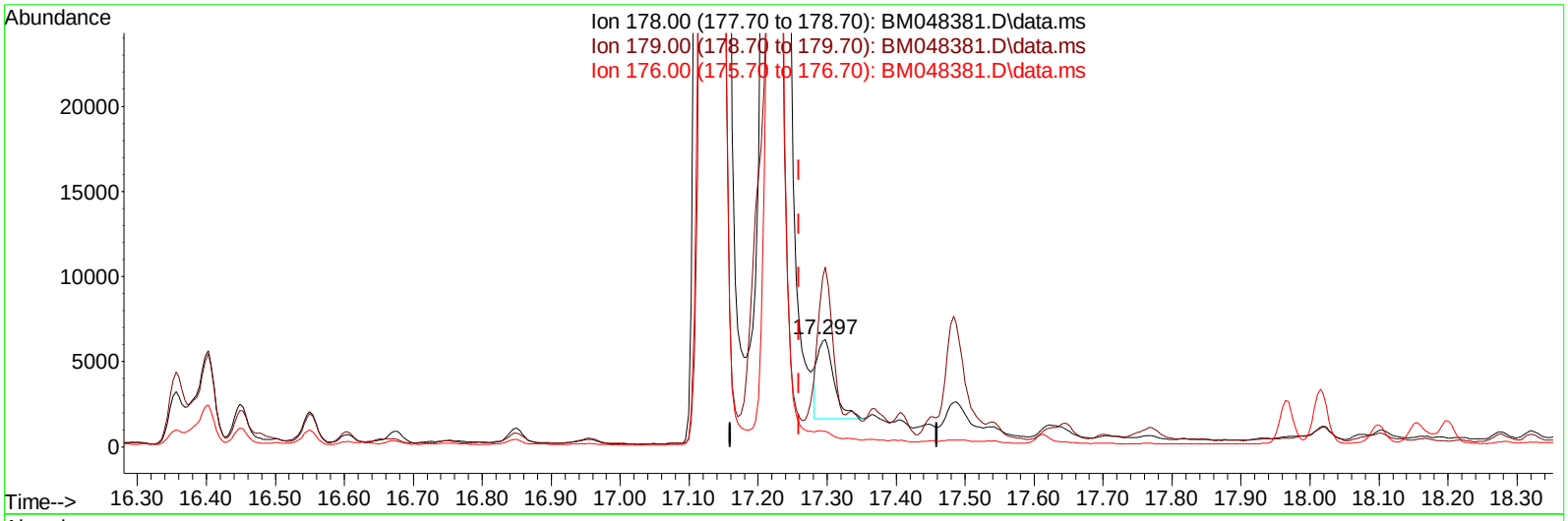
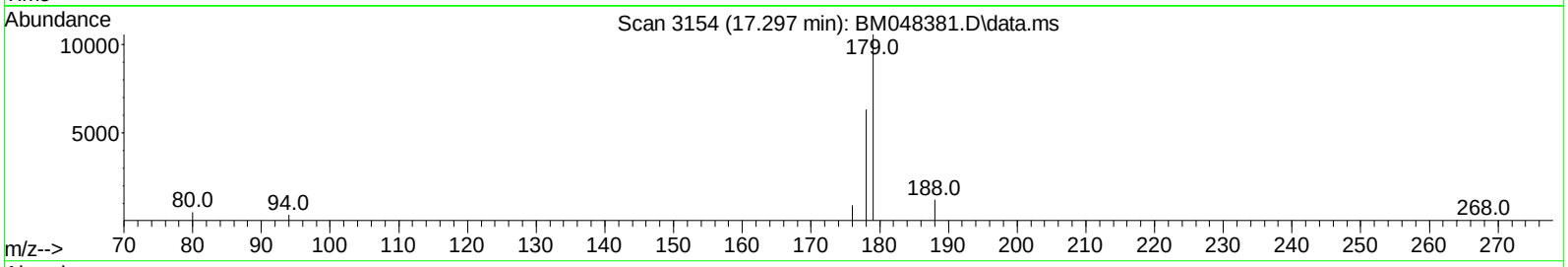
Response via : Initial Calibration

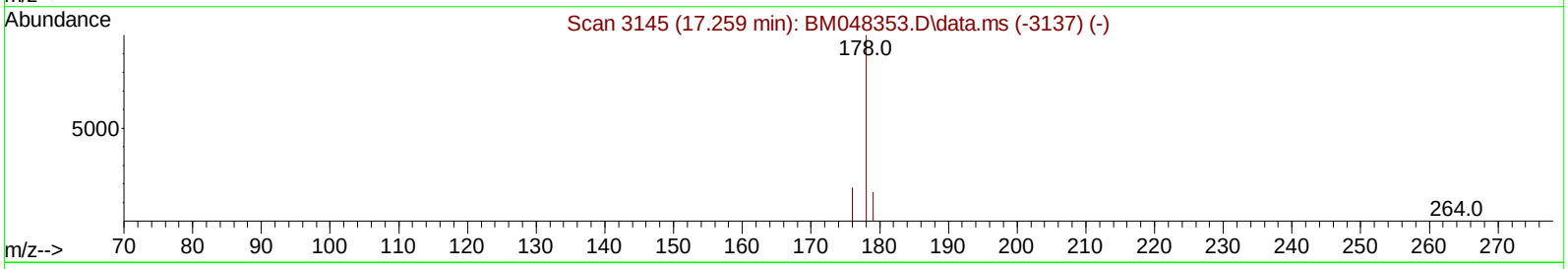
Instrument :
BNA_M
ClientSampleId :
F7H04

Manual IntegrationsAPPROVED

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







TIC: BM048381.D\data.ms

(16) Anthracene

17.297min (+ 0.038) 0.16 ng/ul

response 7879

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	167.03#
176.00	19.70	14.36#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048381.D
Acq On : 01 Nov 2024 05:54
Operator : RC/JU
Sample : P4592-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Nov 03 07:05:36 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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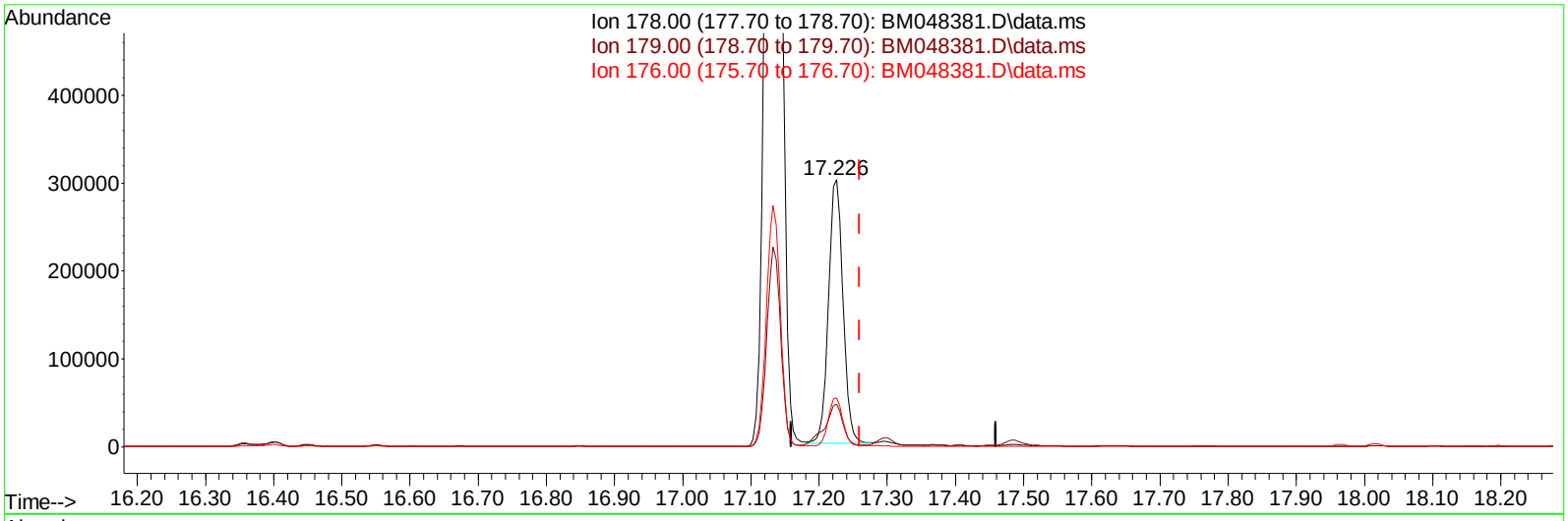
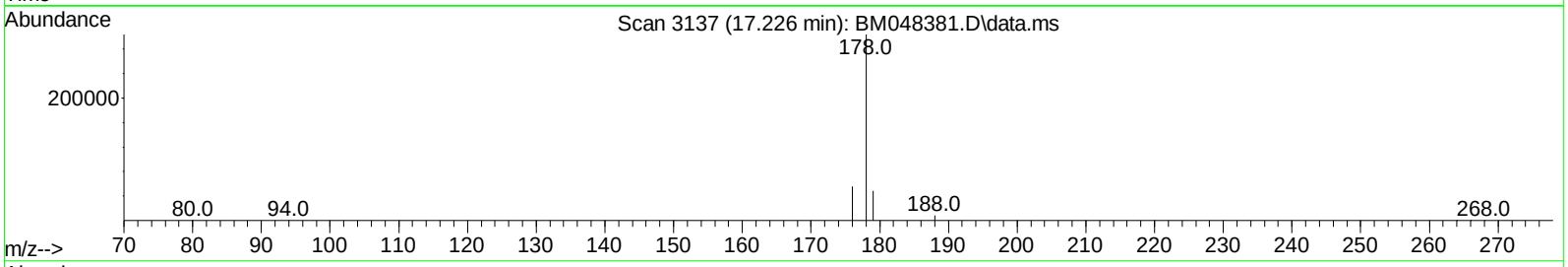
Response via : Initial Calibration

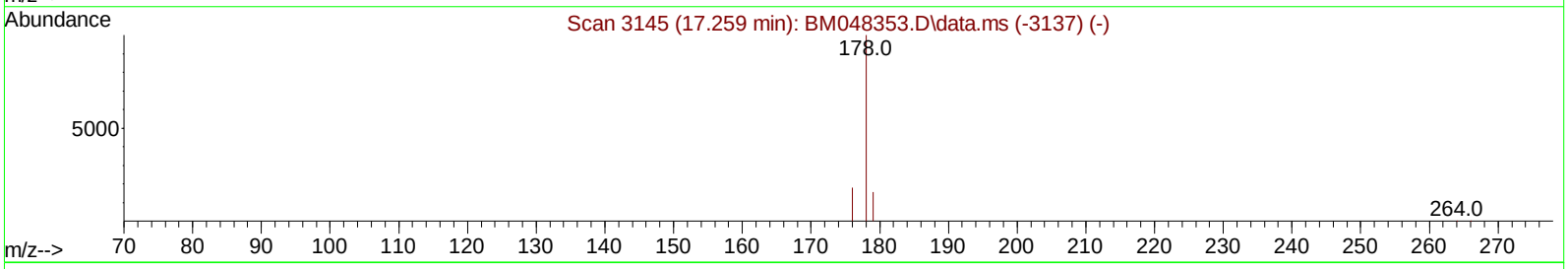
Instrument :
BNA_M
ClientSampleId :
F7H04

Manual IntegrationsAPPROVED

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







TIC: BM048381.D\data.ms

(16) Anthracene

17.226min (-0.034) 9.05 ng/ul m

response 440630

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	15.93
176.00	19.70	18.23
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048381.D
Acq On : 01 Nov 2024 05:54
Operator : RC/JU
Sample : P4592-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Nov 03 07:05:36 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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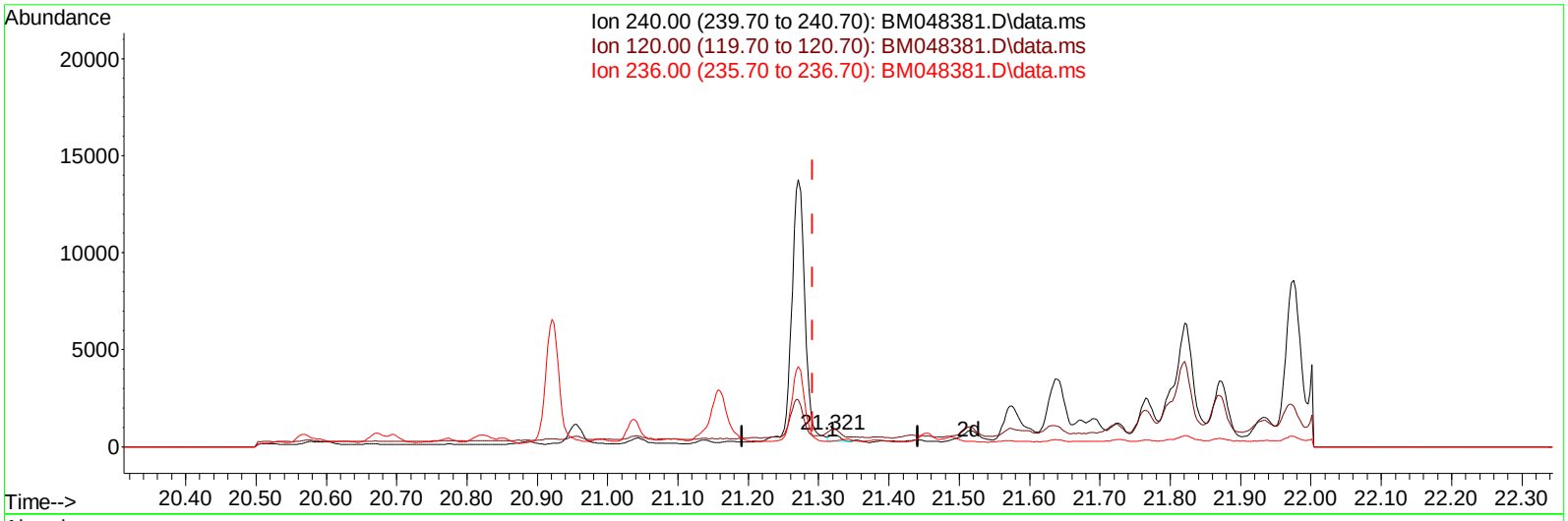
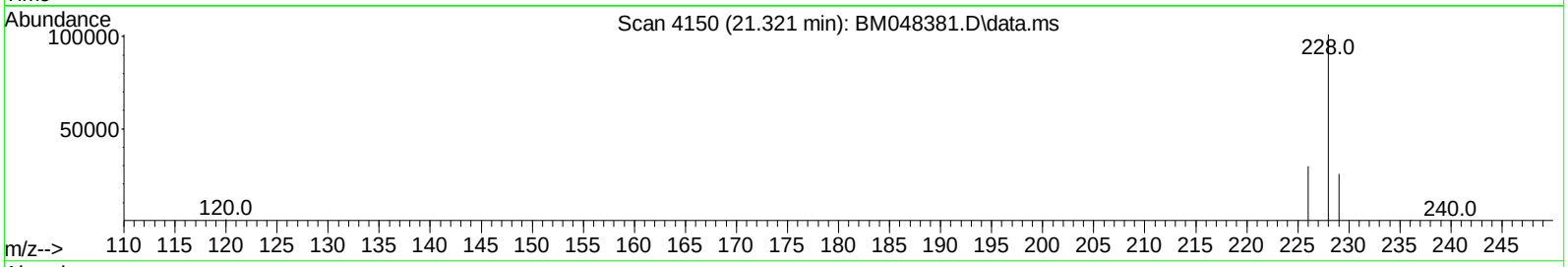
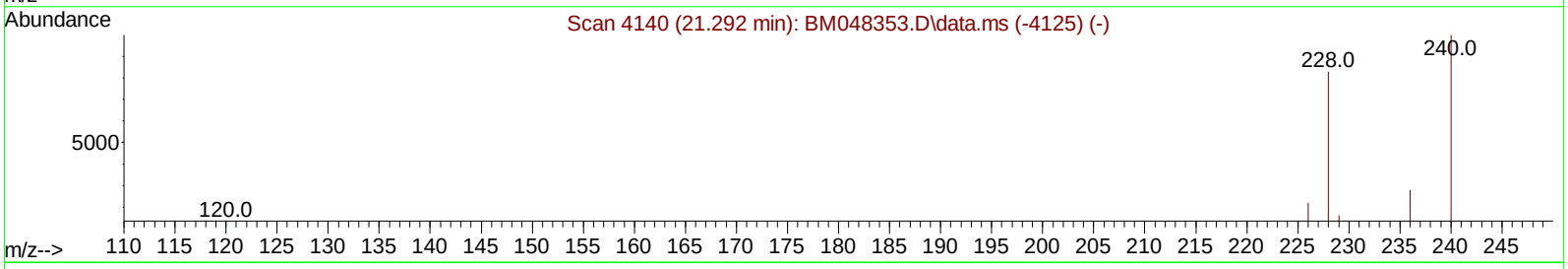
Instrument :
BNA_M
ClientSampleId :
F7H04

Manual IntegrationsAPPROVED

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







TIC: BM048381.D\data.ms

(17) Chrysene-d12

21.321min (+ 0.029) 0.40 ng/ul

response 340

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	19.00	148.37#
236.00	29.90	50.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048381.D
Acq On : 01 Nov 2024 05:54
Operator : RC/JU
Sample : P4592-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Nov 03 07:05:36 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 :
F7H04

Manual IntegrationsAPPROVED

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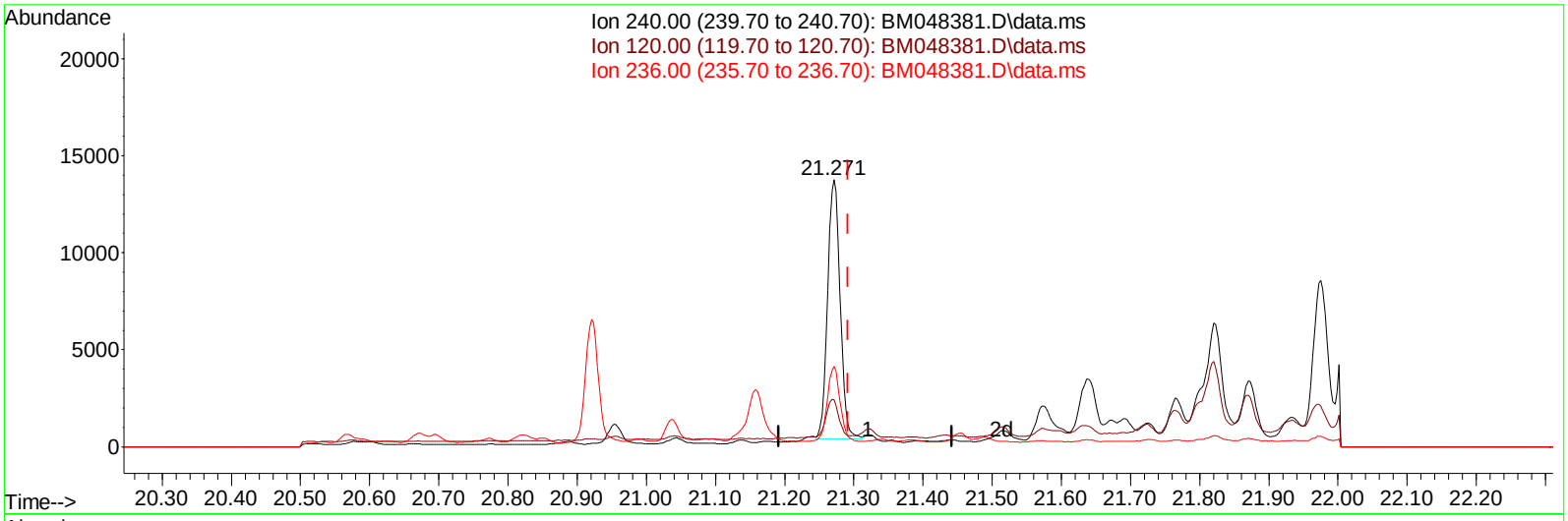

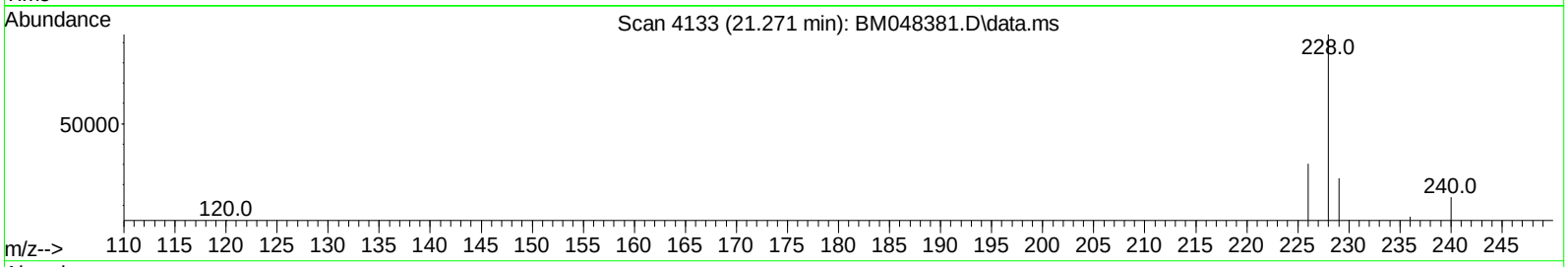

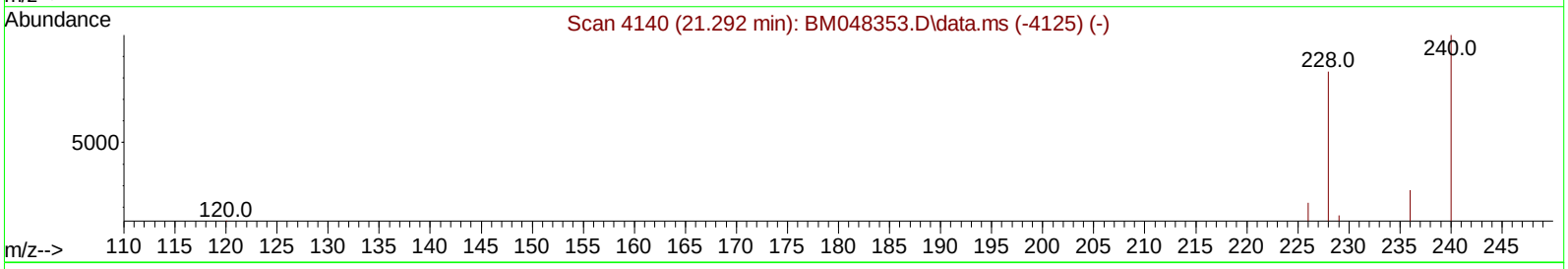

TIC: BM048381.D\data.ms

(17) Chrysene-d12

21.271min (-0.021) 0.40 ng/ul m

response 16878

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	19.00	17.47
236.00	29.90	30.04
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048381.D
Acq On : 01 Nov 2024 05:54
Operator : RC/JU
Sample : P4592-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Nov 03 07:05:36 2024
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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 :
F7H04

Manual IntegrationsAPPROVED

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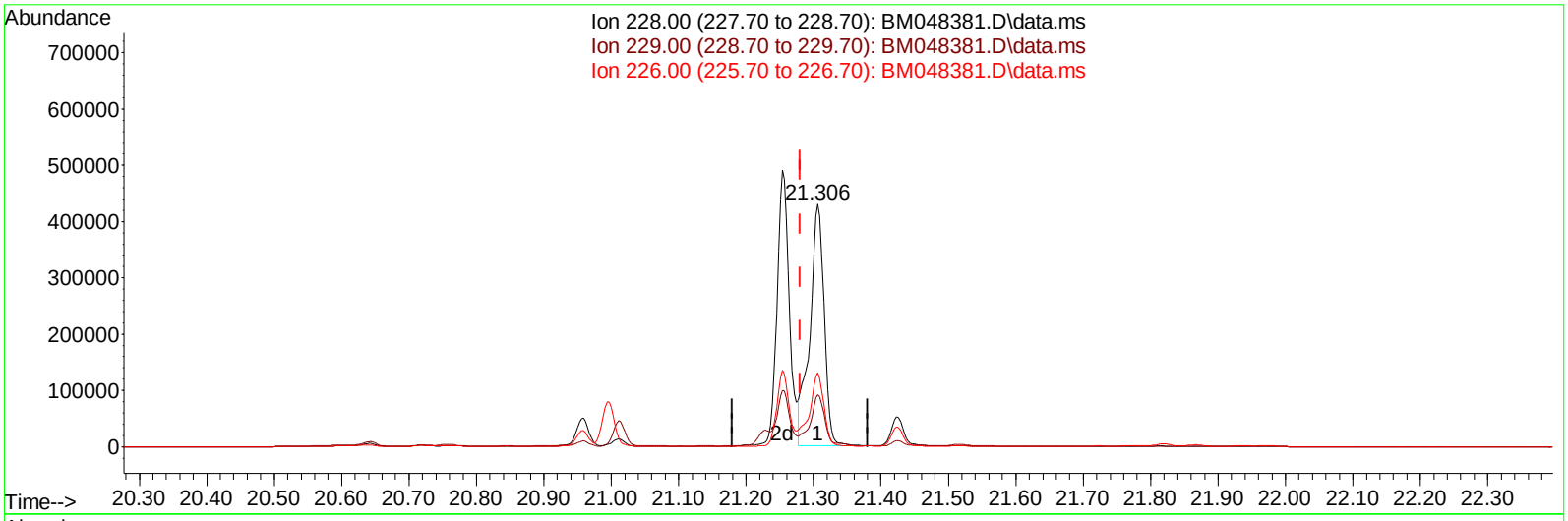

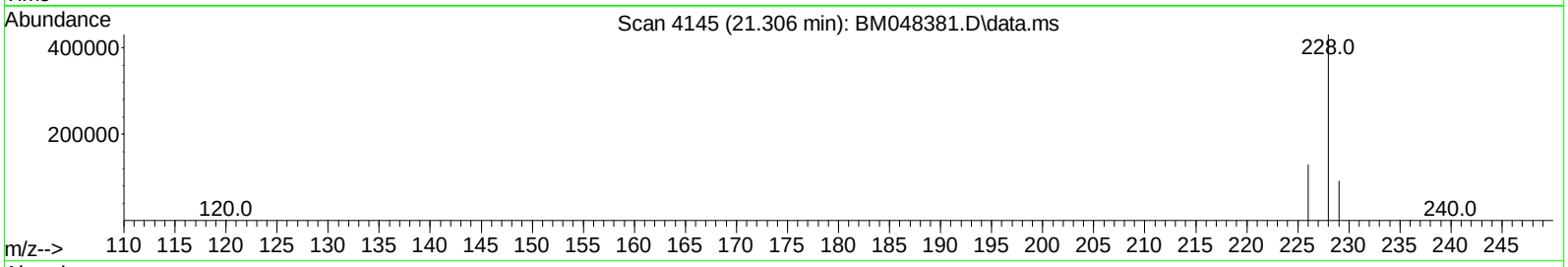

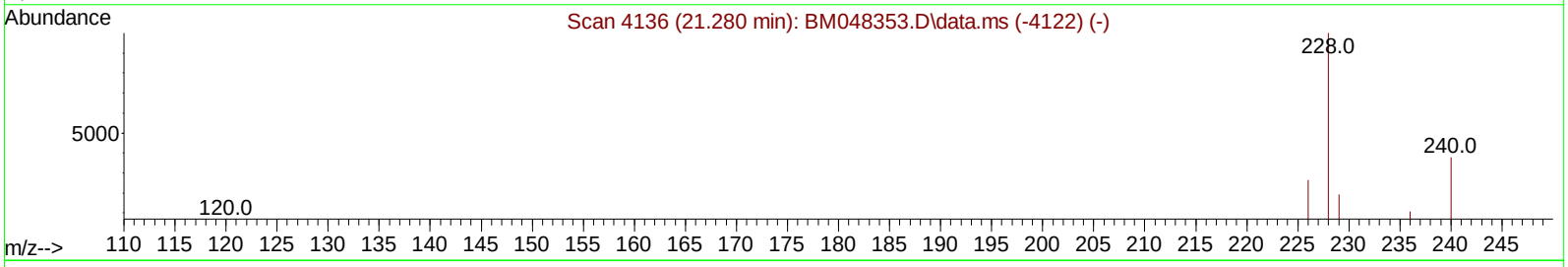

TIC: BM048381.D\data.ms

(21) Benzo(a)anthracene

21.306min (+ 0.026) 12.69 ng/ul

response 641552

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.90	21.45
226.00	27.60	30.39
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048381.D
Acq On : 01 Nov 2024 05:54
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Sample : P4592-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Nov 03 07:05:36 2024
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Instrument :
BNA_M
ClientSampleId :
F7H04

Manual IntegrationsAPPROVED

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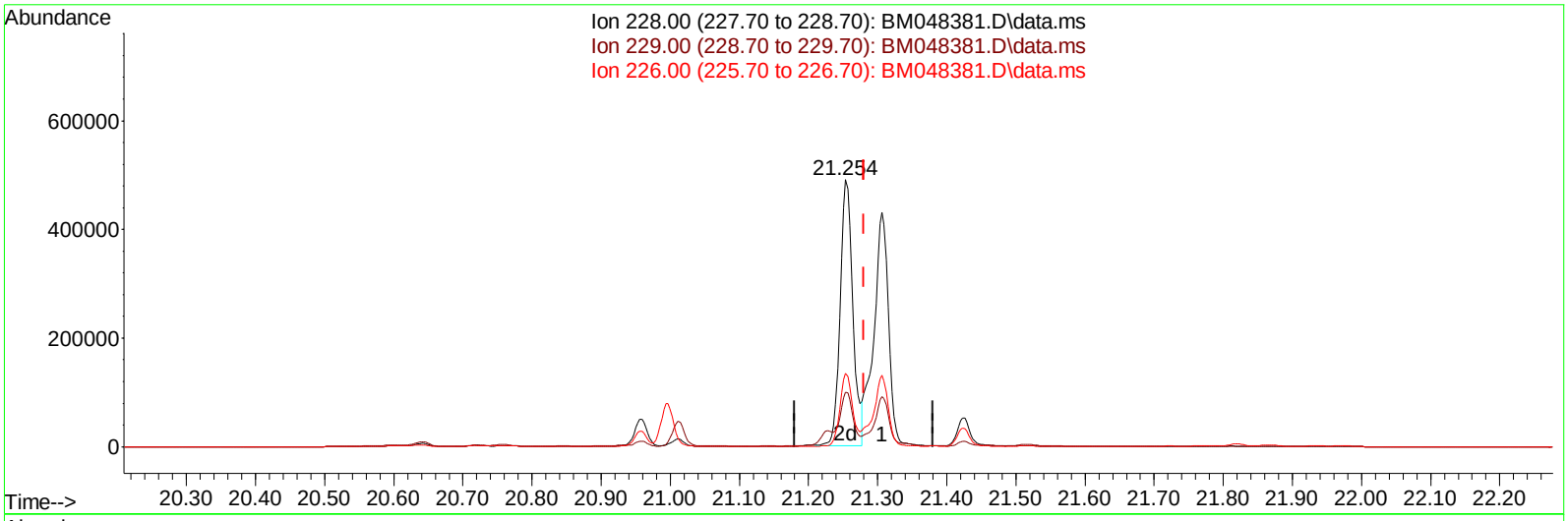

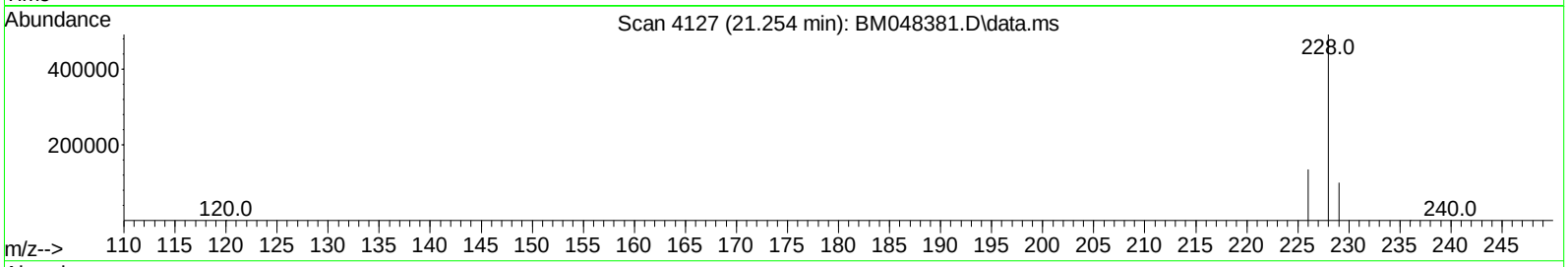

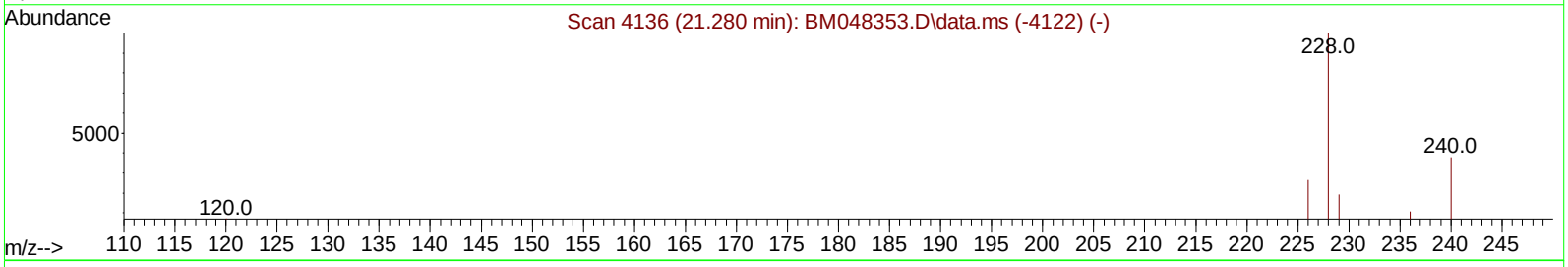

TIC: BM048381.D\data.ms

(21) Benzo(a)anthracene

21.254min (-0.026) 12.46 ng/ul m

response 630095

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.90	20.39
226.00	27.60	27.59
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048381.D
Acq On : 01 Nov 2024 05:54
Operator : RC/JU
Sample : P4592-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Nov 03 07:05:36 2024
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BNA_M
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F7H04

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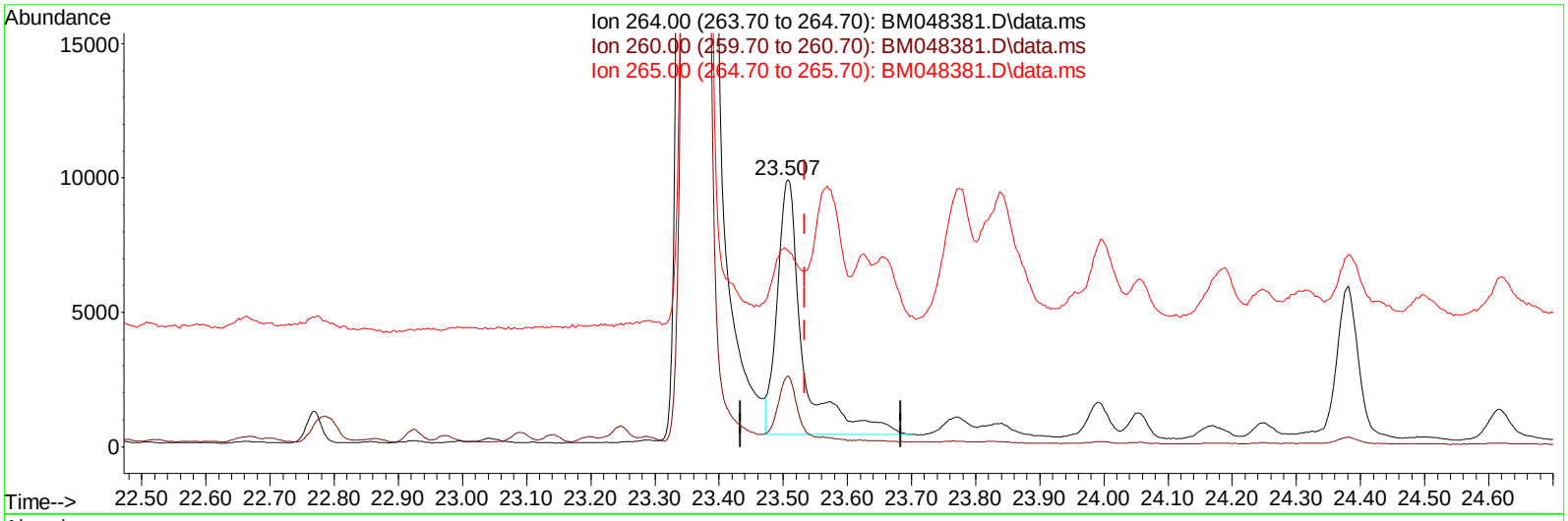
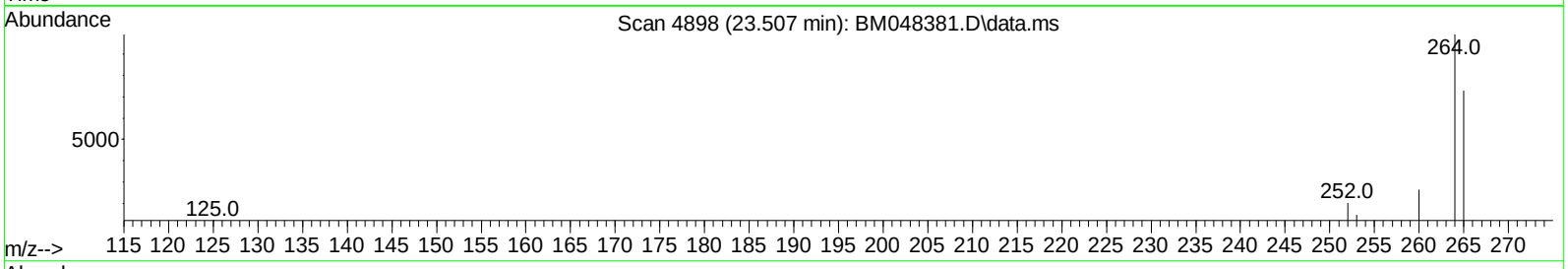
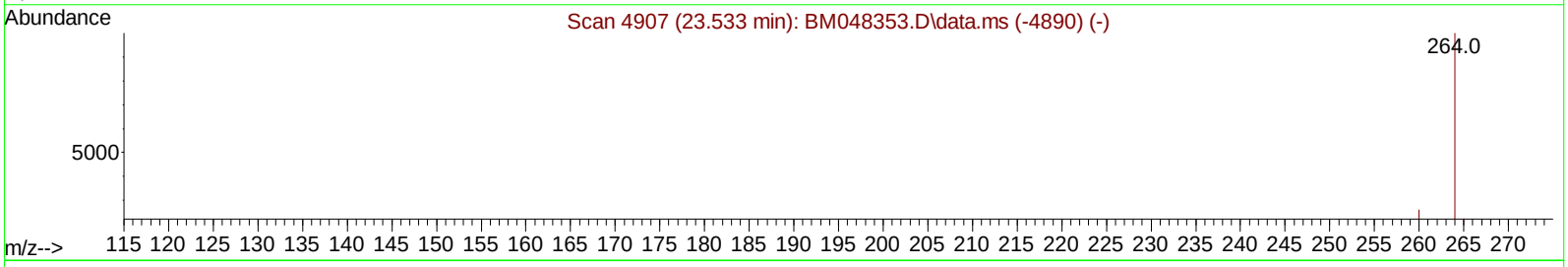






TIC: BM048381.D\data.ms

(23) Perylene-d12 (I)

23.507min (-0.026) 0.40 ng/ul

response 26839

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.80	26.50
265.00	120.80	73.39#
0.00	0.00	0.00

Quantitation Report (Qedit)

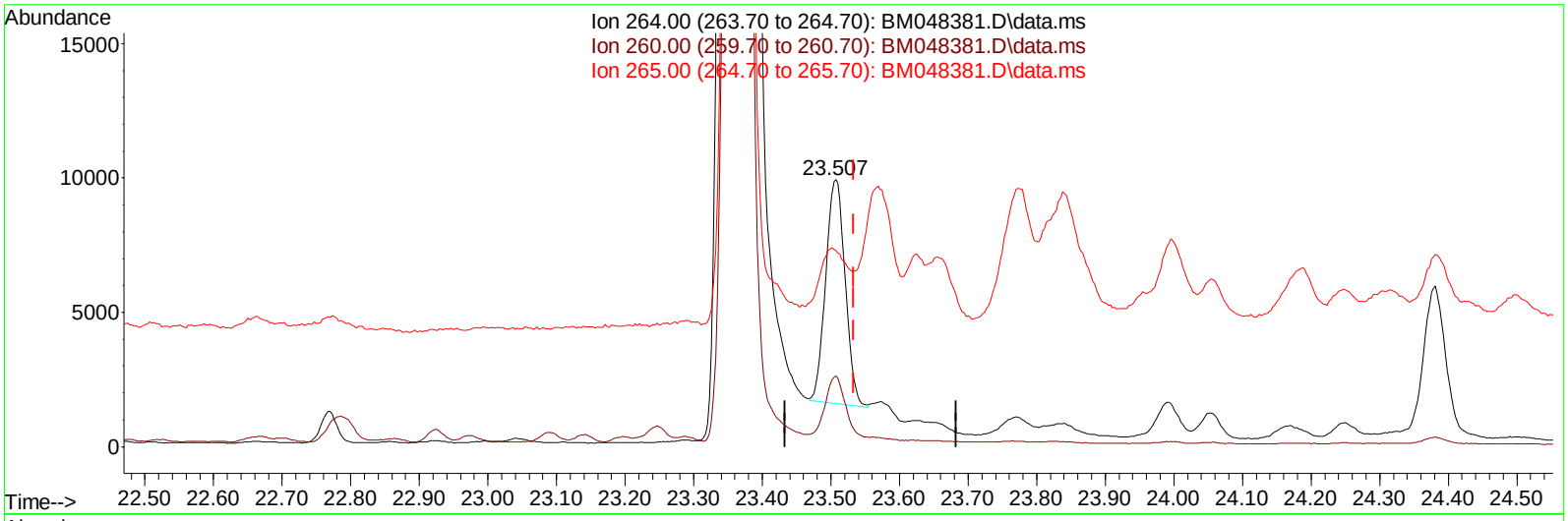
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048381.D
Acq On : 01 Nov 2024 05:54
Operator : RC/JU
Sample : P4592-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

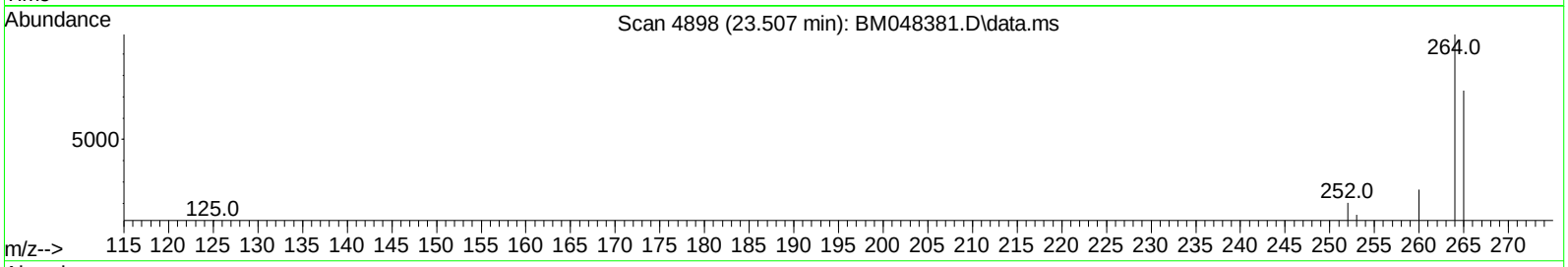
Quant Time: Nov 03 07:05:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration

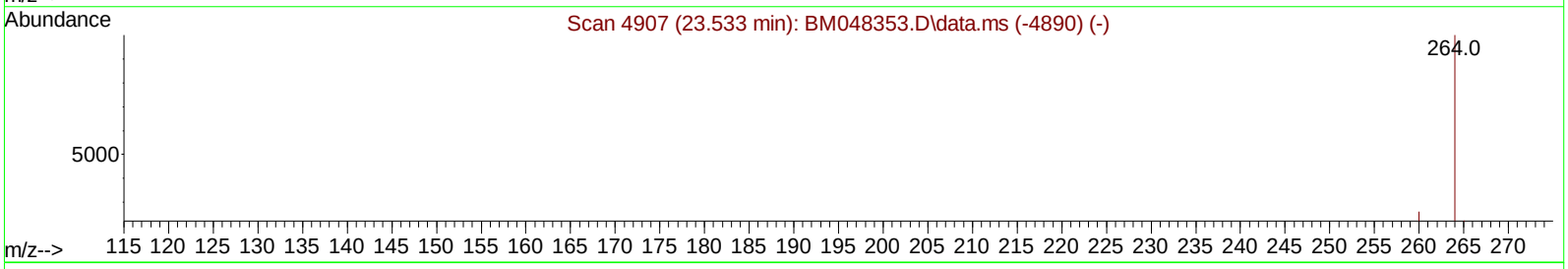
Instrument :
BNA_M
ClientSampleId :
F7H04

Manual IntegrationsAPPROVED

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







TIC: BM048381.D\data.ms

(23) Perylene-d12 (I)

23.507min (-0.026) 0.40 ng/ul m

response 16392

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.80	26.50
265.00	120.80	73.39#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048381.D
Acq On : 01 Nov 2024 05:54
Operator : RC/JU
Sample : P4592-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Nov 03 07:05:36 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 :
F7H04

Manual IntegrationsAPPROVED

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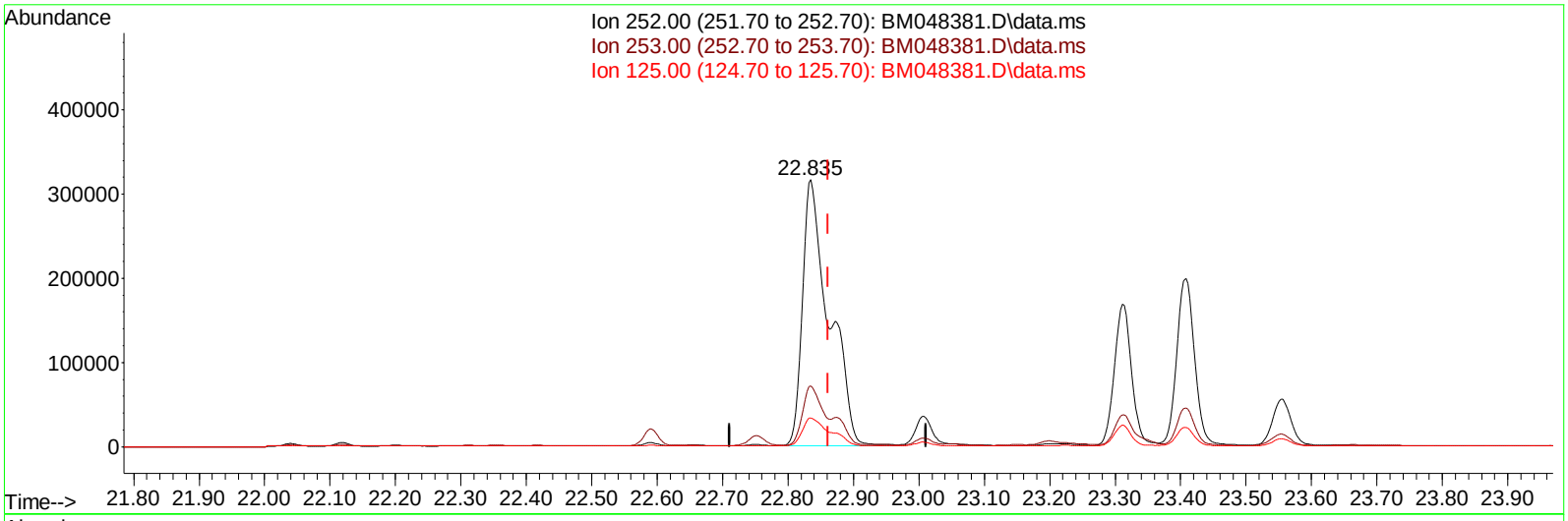
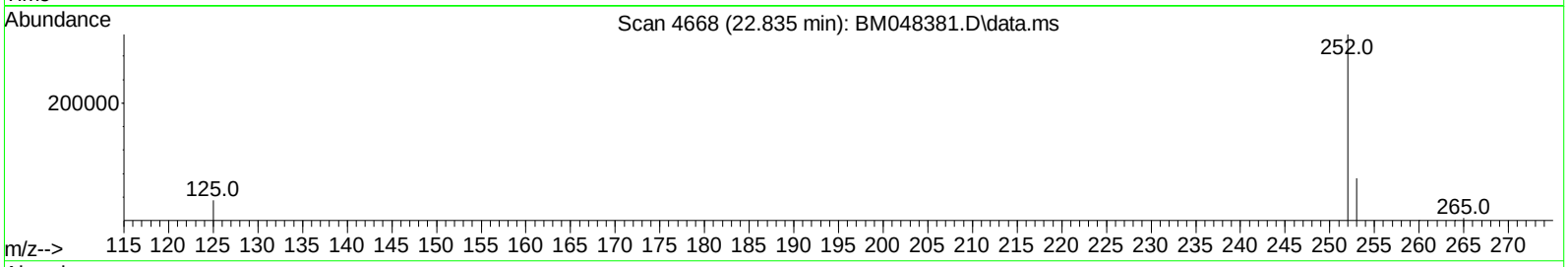
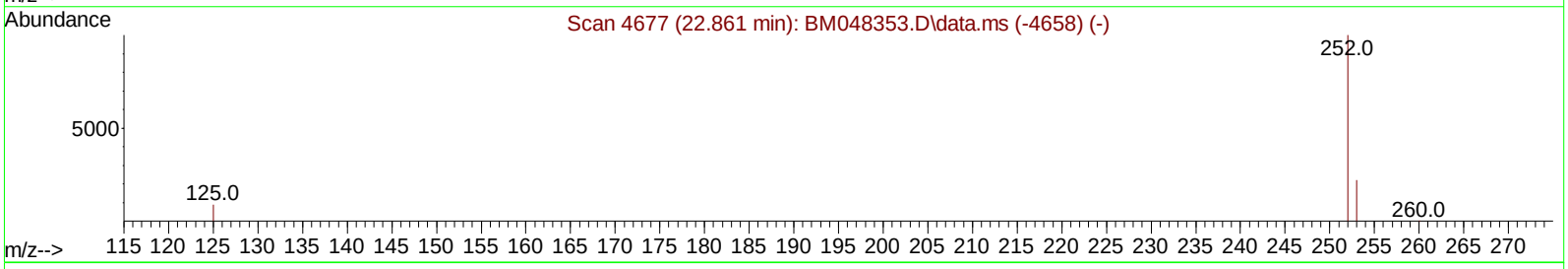






TIC: BM048381.D\data.ms

(24) Benzo(b)fluoranthene

22.835min (-0.026) 16.04 ng/ul

response 898411

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.70	22.68
125.00	19.00	10.86
0.00	0.00	0.00

Quantitation Report (Qedit)

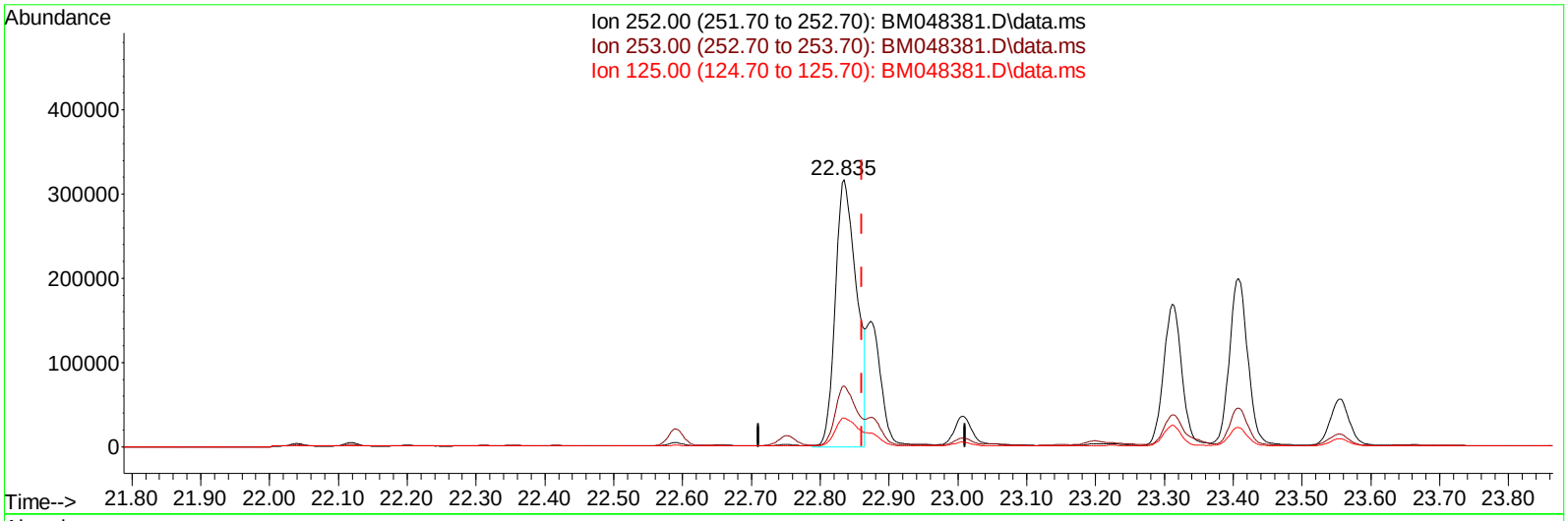
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048381.D
Acq On : 01 Nov 2024 05:54
Operator : RC/JU
Sample : P4592-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

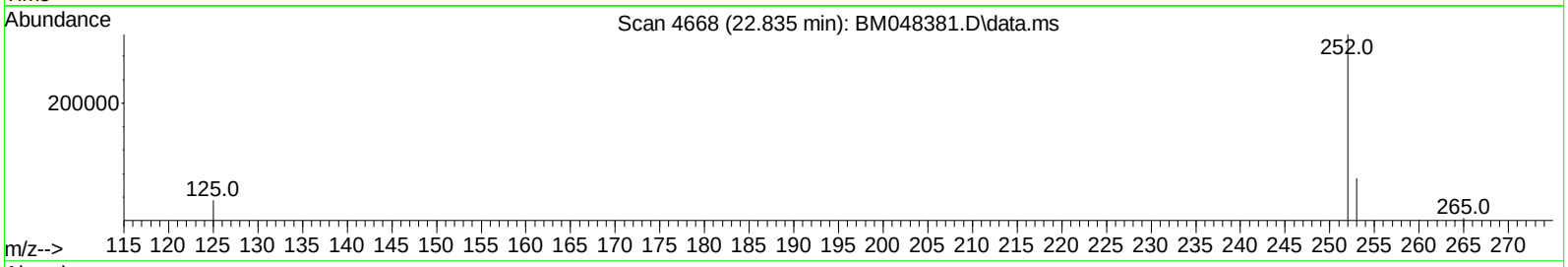
Quant Time: Nov 03 07:05:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration

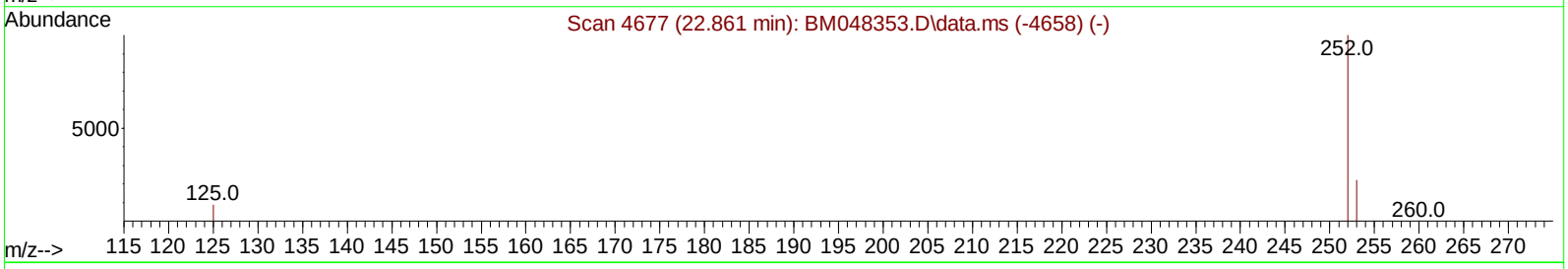
Instrument :
BNA_M
ClientSampleId :
F7H04

Manual IntegrationsAPPROVED

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







TIC: BM048381.D\data.ms

(24) Benzo(b)fluoranthene

22.835min (-0.026) 12.14 ng/ul m

response 679851

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.70	22.68
125.00	19.00	10.86
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048381.D
Acq On : 01 Nov 2024 05:54
Operator : RC/JU
Sample : P4592-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Nov 03 07:05:36 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 :
F7H04

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/04/2024
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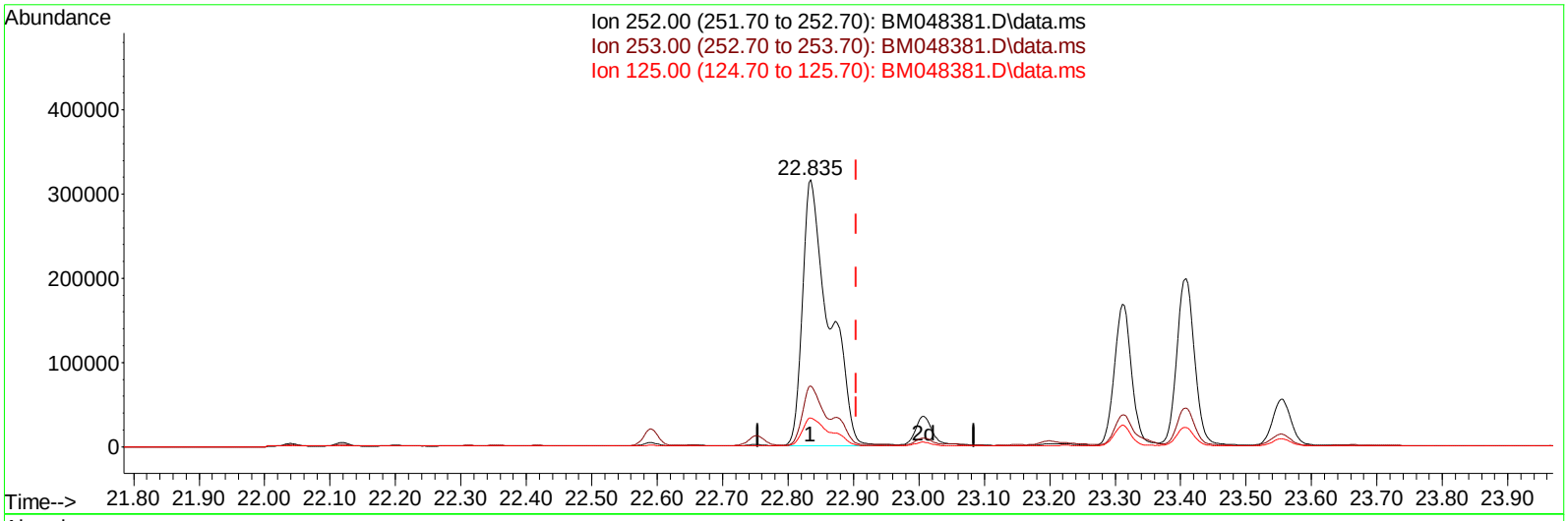
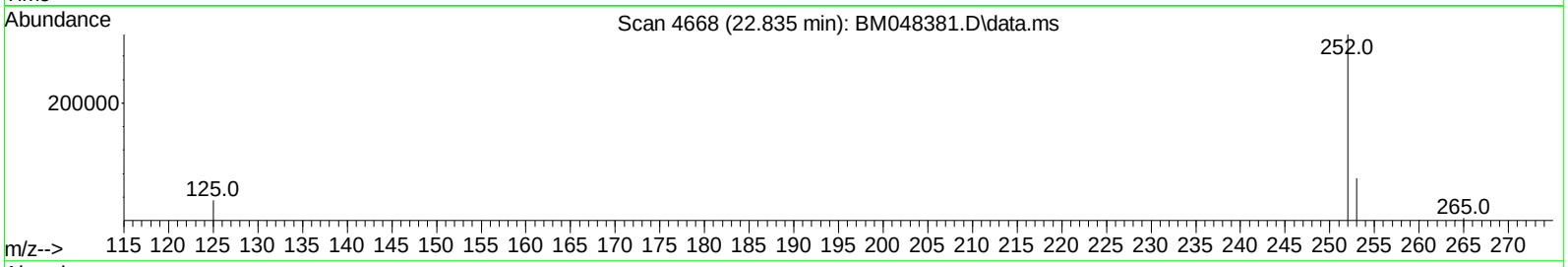
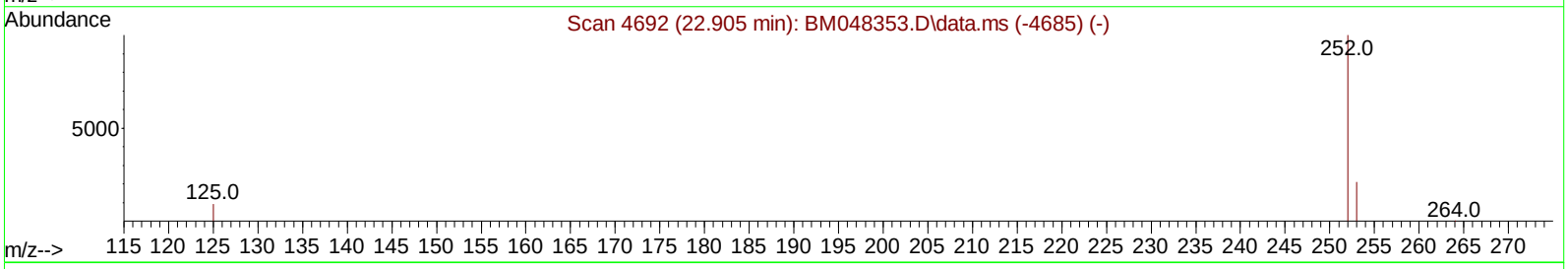






TIC: BM048381.D\data.ms

(25) Benzo(k)fluoranthene

22.835min (-0.070) 13.55 ng/ul

response 898411

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.20	22.68#
125.00	19.10	10.86#
0.00	0.00	0.00

Quantitation Report (Qedit)

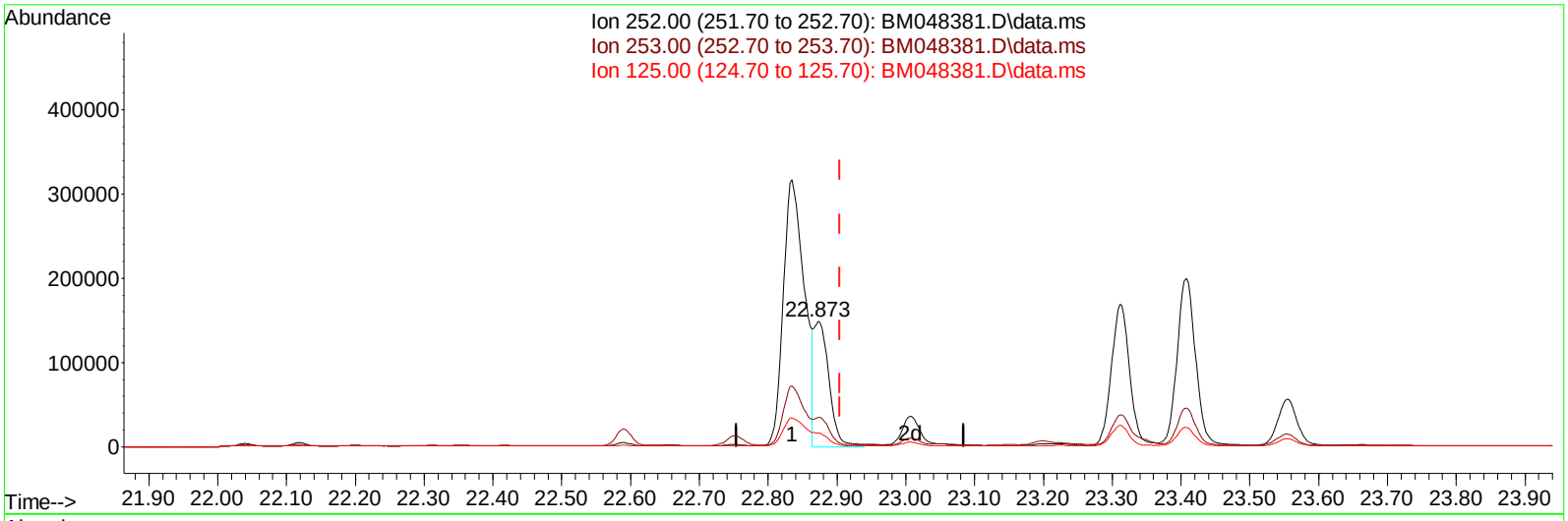
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048381.D
Acq On : 01 Nov 2024 05:54
Operator : RC/JU
Sample : P4592-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

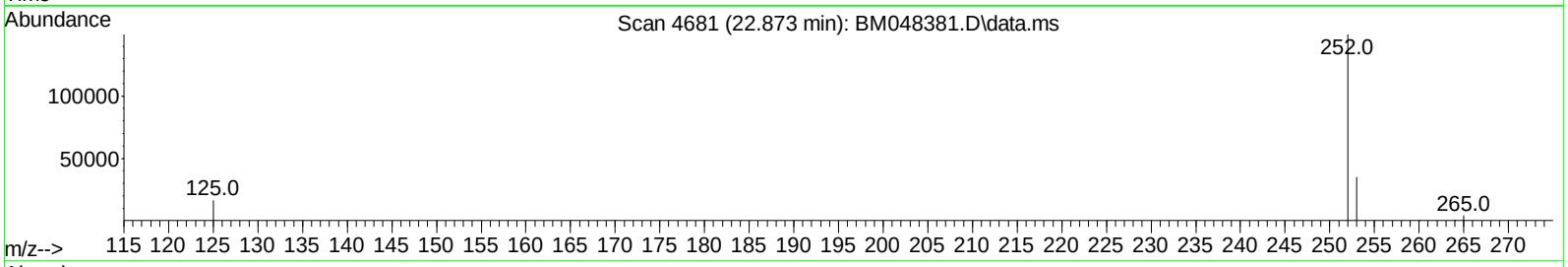
Quant Time: Nov 03 07:05:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration

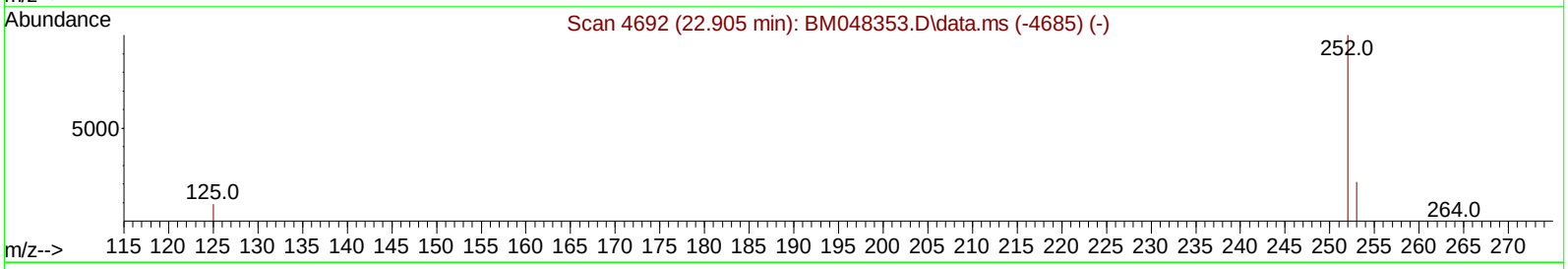
Instrument :
BNA_M
ClientSampleId :
F7H04

Manual IntegrationsAPPROVED

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







TIC: BM048381.D\data.ms

(25) Benzo(k)fluoranthene

22.873min (-0.032) 3.42 ng/ul m

response 226882

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.20	23.51
125.00	19.10	11.01#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048381.D
Acq On : 01 Nov 2024 05:54
Operator : RC/JU
Sample : P4592-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Nov 03 07:05:36 2024
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BNA_M
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F7H04

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	5188	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.491	136	17064	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.349	164	10065	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.091	188	20919m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.271	240	16878m	0.400	ng/ul	-0.02
23) Perylene-d12	23.507	264	16392m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	17943	2.816	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.091	152	5123	0.236	ng/ul	-0.05
18) Fluoranthene-d10	19.118	212	12346	0.288	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.541	128	227921	5.111	ng/ul	95
7) 2-Methylnaphthalene	12.168	142	95549	3.601	ng/ul	98
8) 1-Methylnaphthalene	12.388	142	53046	1.876	ng/ul	96
10) Acenaphthylene	14.067	152	33870	0.871	ng/ul	99
11) Acenaphthene	14.409	153	280371	8.991	ng/ul	98
12) Fluorene	15.400	166	297173	8.570	ng/ul	99
15) Phenanthrene	17.133	178	2062822m	39.670	ng/ul	
16) Anthracene	17.226	178	440630m	9.053	ng/ul	
19) Fluoranthene	19.151	202	2213800	38.040	ng/ul	100
20) Pyrene	19.513	202	1752701	28.067	ng/ul	99
21) Benzo(a)anthracene	21.254	228	630095m	12.463	ng/ul	
22) Chrysene	21.306	228	641552	9.220	ng/ul	98
24) Benzo(b)fluoranthene	22.835	252	679851m	12.135	ng/ul	
25) Benzo(k)fluoranthene	22.873	252	226882m	3.421	ng/ul	
26) Benzo(a)pyrene	23.408	252	367962	6.995	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	25.765	276	217986	2.963	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.769	278	51684	0.901	ng/ul	95
29) Benzo(g,h,i)perylene	26.460	276	198161	3.196	ng/ul	96

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

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