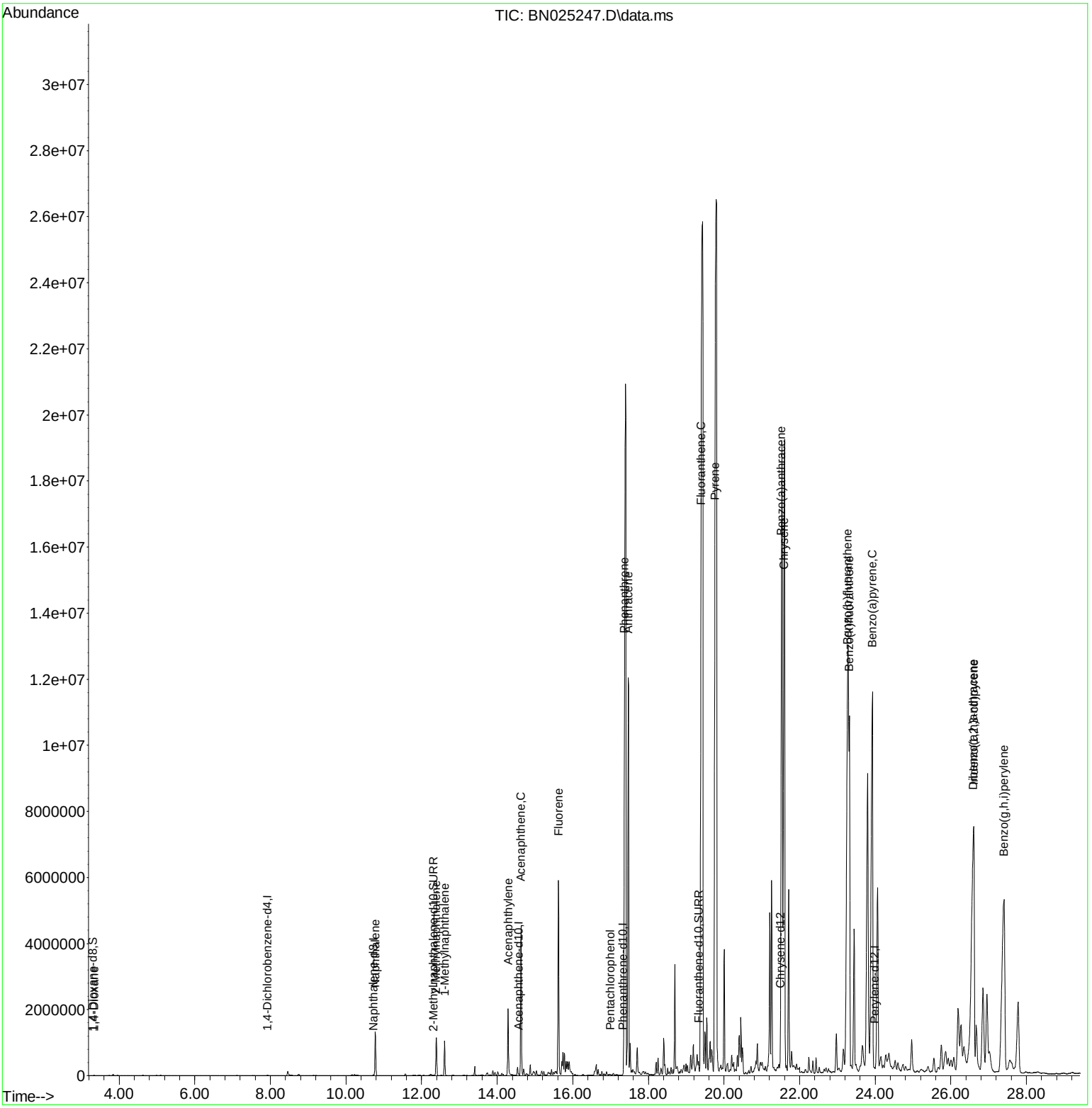
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
Data File : BN025247.D
Acq On : 03 May 2023 19:43
Operator : CG/JU
Sample : 02447-18MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 04 04:30:50 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 15:28:32 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
EW937MS

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
Data File : BN025247.D
Acq On : 03 May 2023 19:43
Operator : CG/JU
Sample : 02447-18MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 04 04:30:50 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
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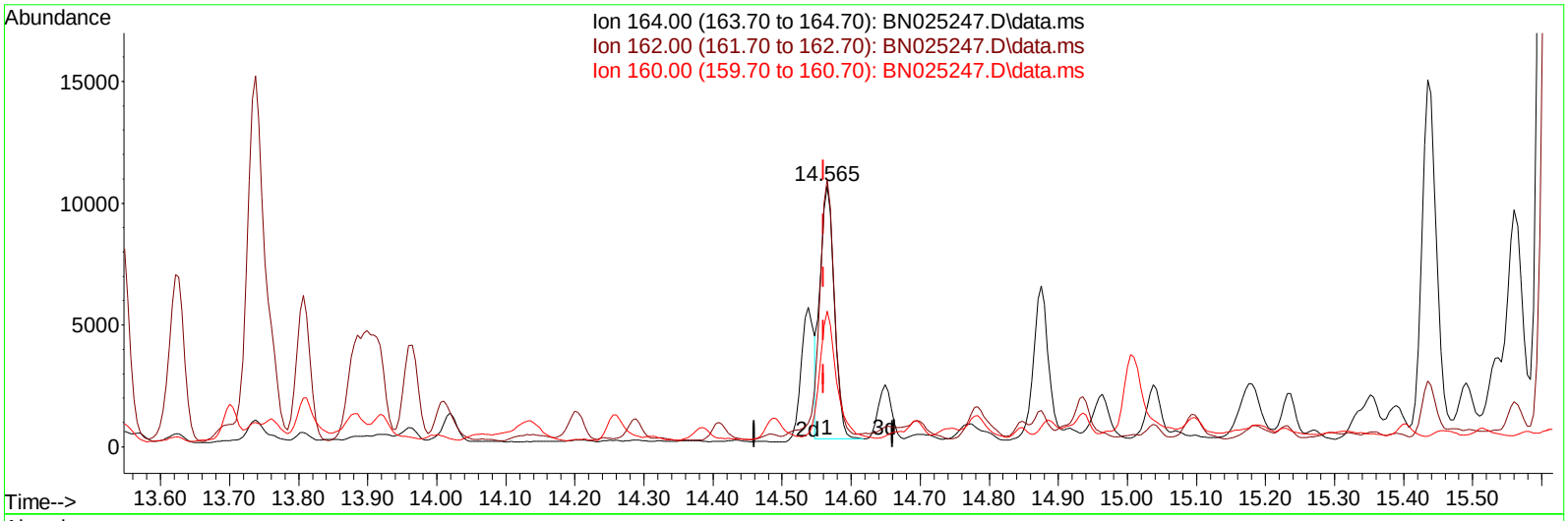

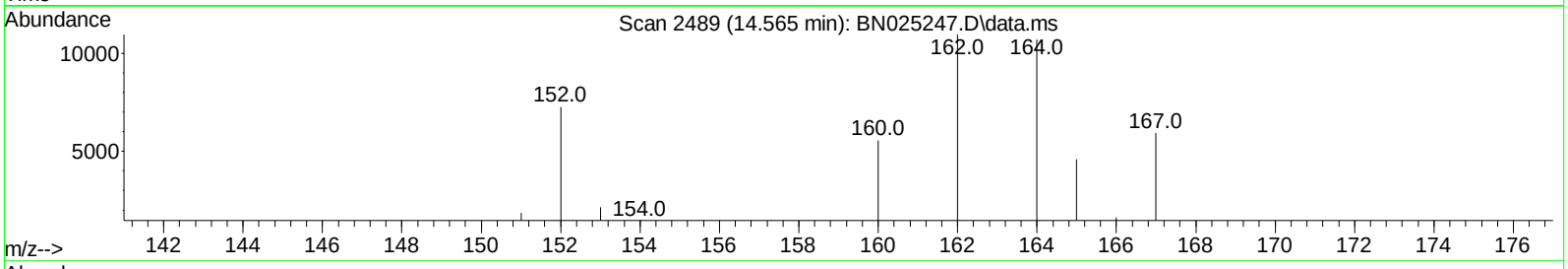

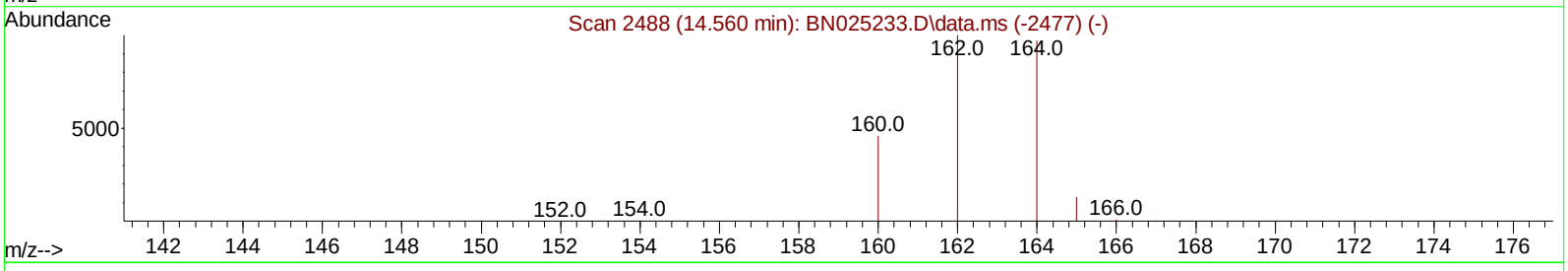

TIC: BN025247.D\data.ms

(9) Acenaphthene-d10 (I)

14.565min (+ 0.005) 0.40 ng/ul

response 14935

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	104.10	102.26
160.00	49.70	51.92
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
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Acq On : 03 May 2023 19:43
Operator : CG/JU
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Misc :
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BNA_N
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Manual IntegrationsAPPROVED

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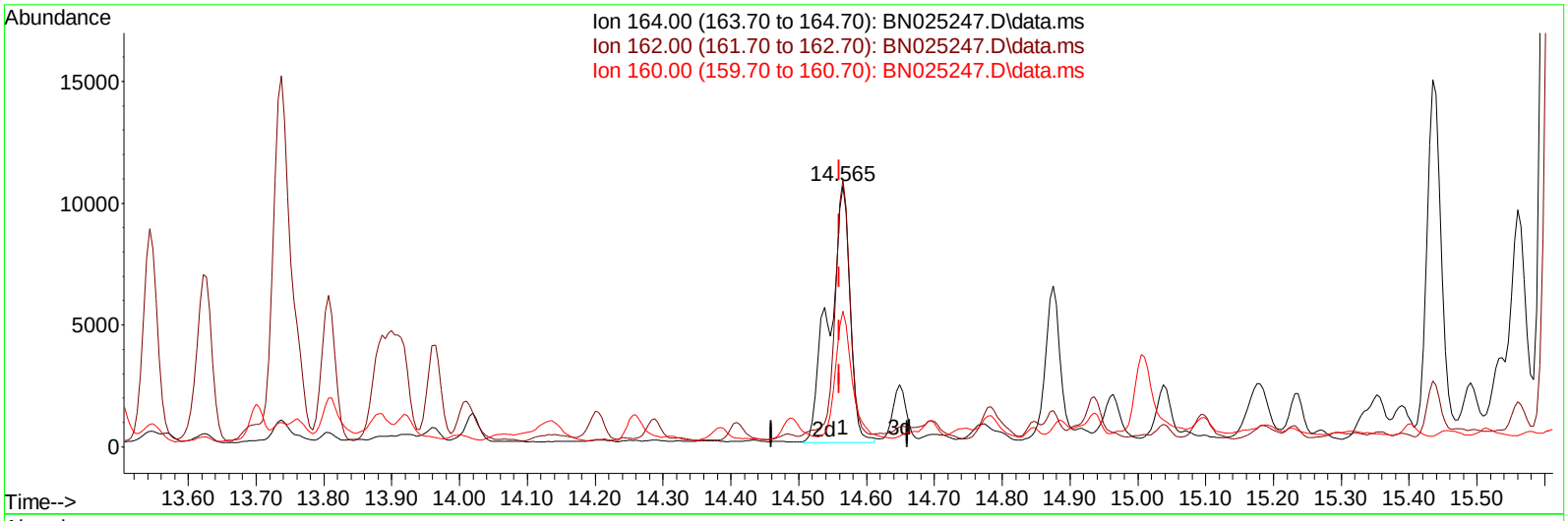

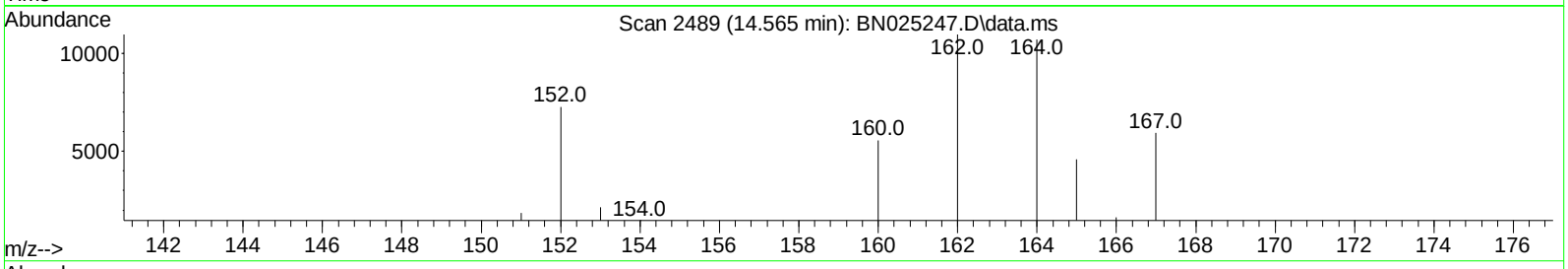

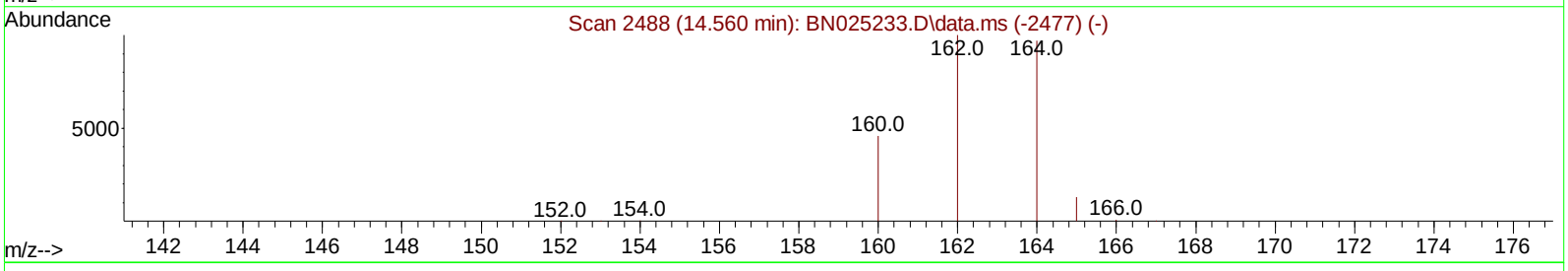

TIC: BN025247.D\data.ms

(9) Acenaphthene-d10 (I)

14.565min (+ 0.005) 0.40 ng/ul m

response 22970

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	104.10	102.26
160.00	49.70	51.92
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
Data File : BN025247.D
Acq On : 03 May 2023 19:43
Operator : CG/JU
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Misc :
ALS Vial : 15 Sample Multiplier: 1

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Manual IntegrationsAPPROVED

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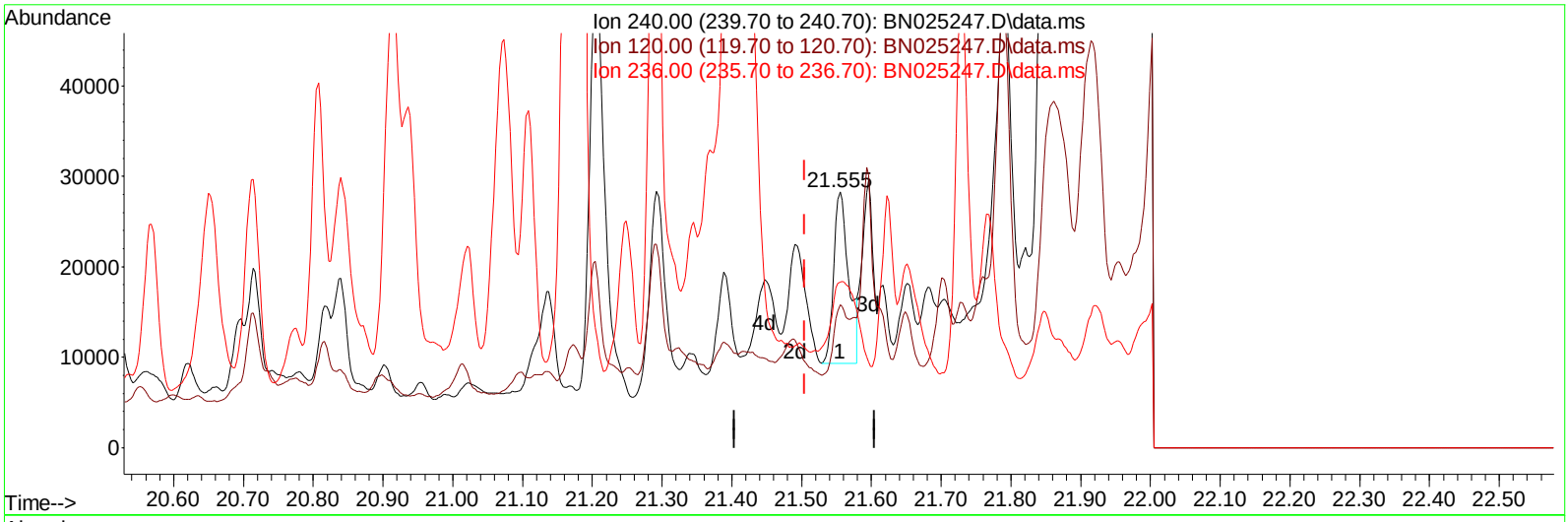

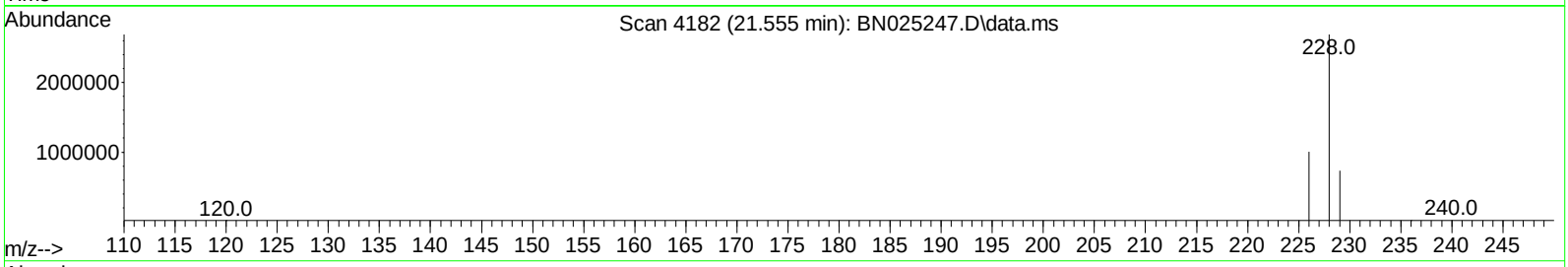

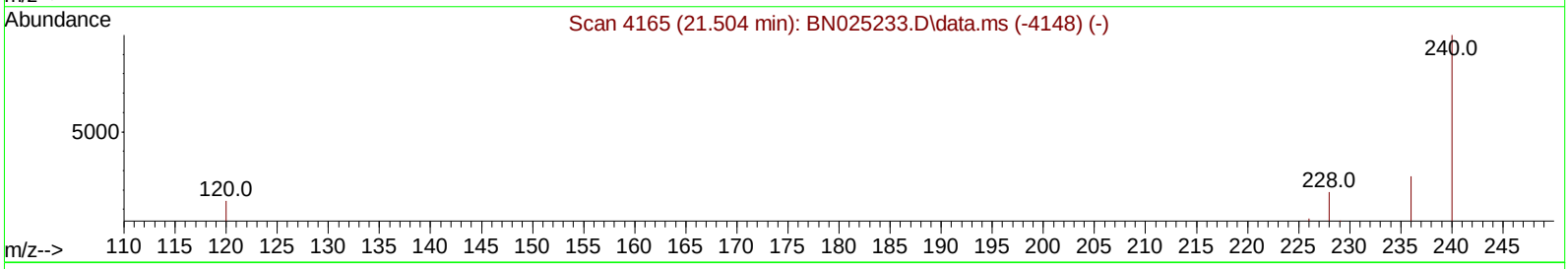

TIC: BN025247.D\data.ms

(17) Chrysene-d12

21.555min (+ 0.051) 0.40 ng/ul

response 28018

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.50	55.91#
236.00	28.20	64.57#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
Data File : BN025247.D
Acq On : 03 May 2023 19:43
Operator : CG/JU
Sample : 02447-18MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 04 04:30:50 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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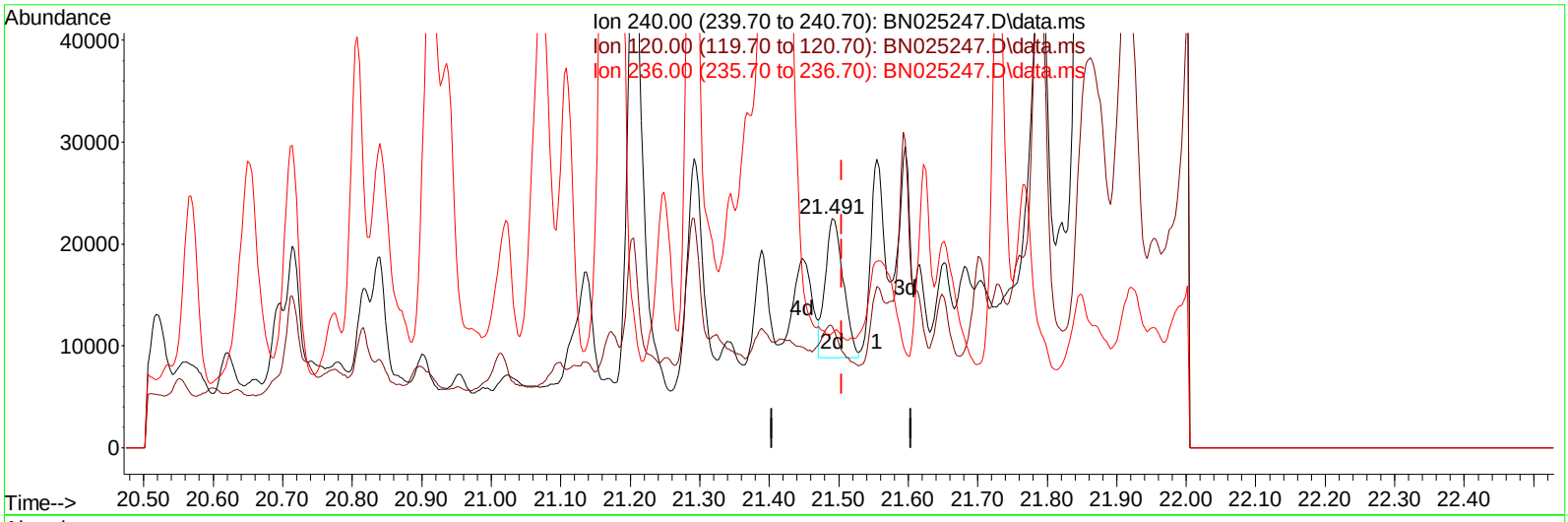
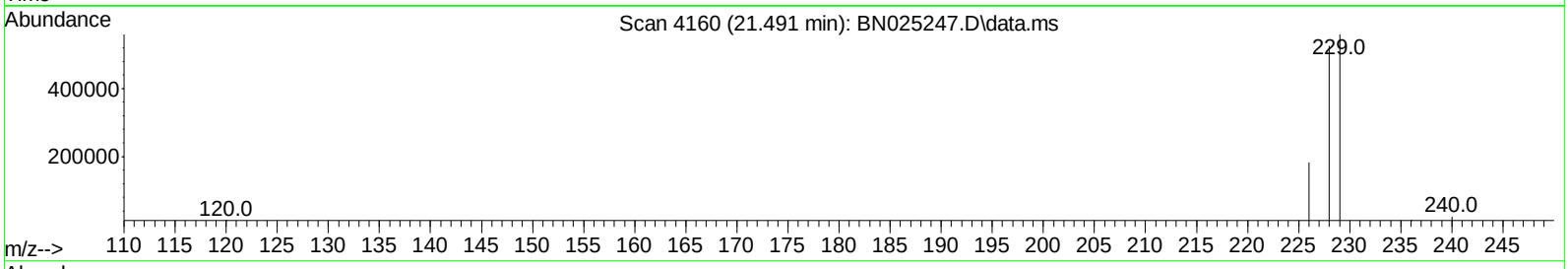
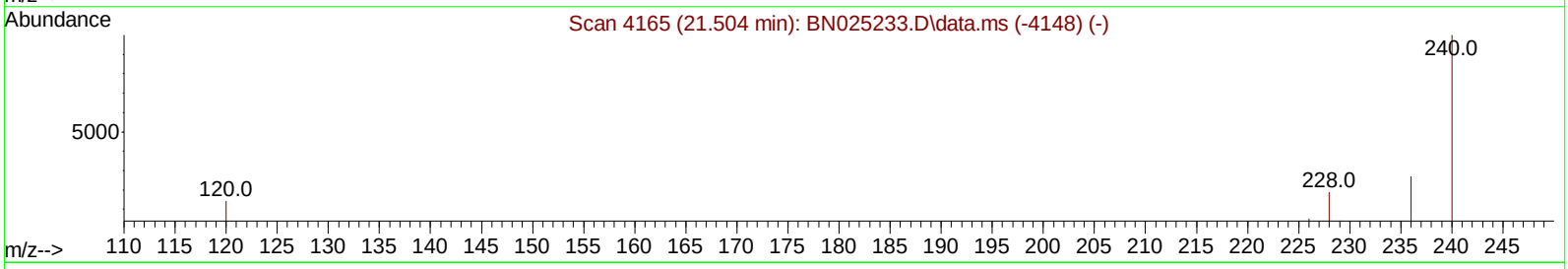
Instrument :
BNA_N
ClientSampleId :
EW937MS

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023







TIC: BN025247.D\data.ms

(17) Chrysene-d12

21.491min (-0.013) 0.40 ng/ul m

response 24583

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.50	52.93#
236.00	28.20	50.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
Data File : BN025247.D
Acq On : 03 May 2023 19:43
Operator : CG/JU
Sample : 02447-18MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 04 04:30:50 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
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BNA_N
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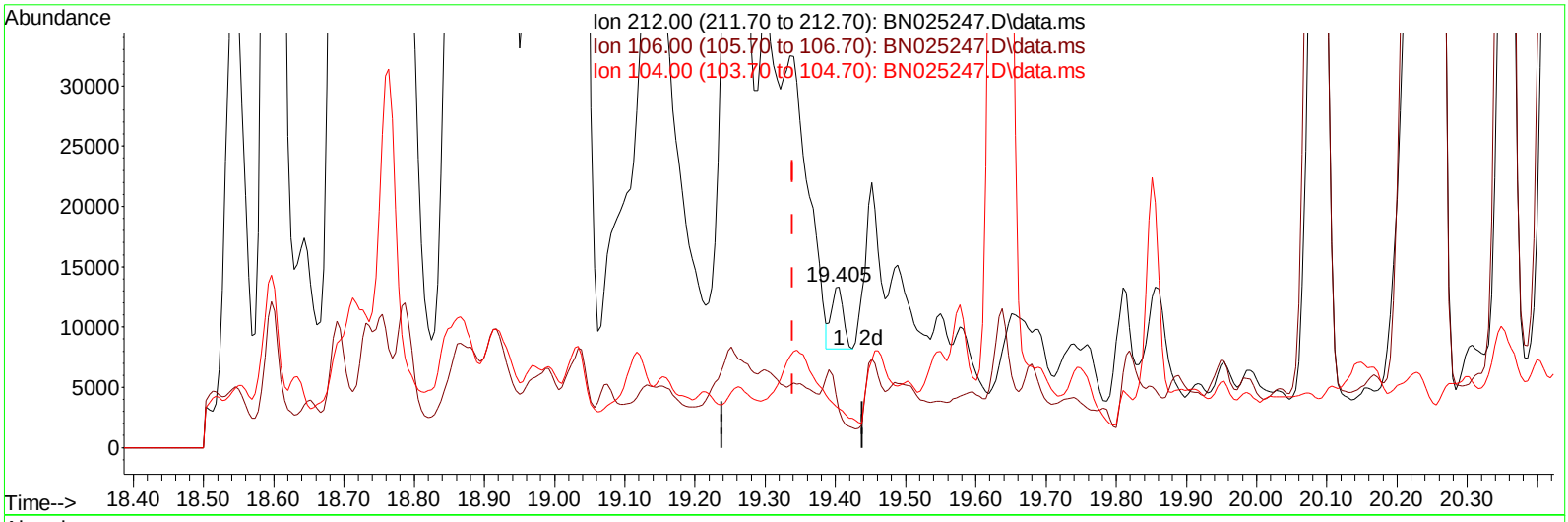

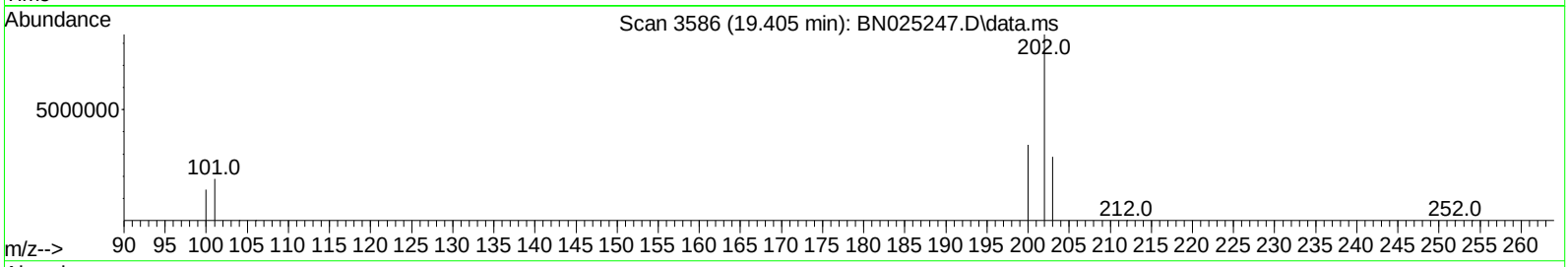

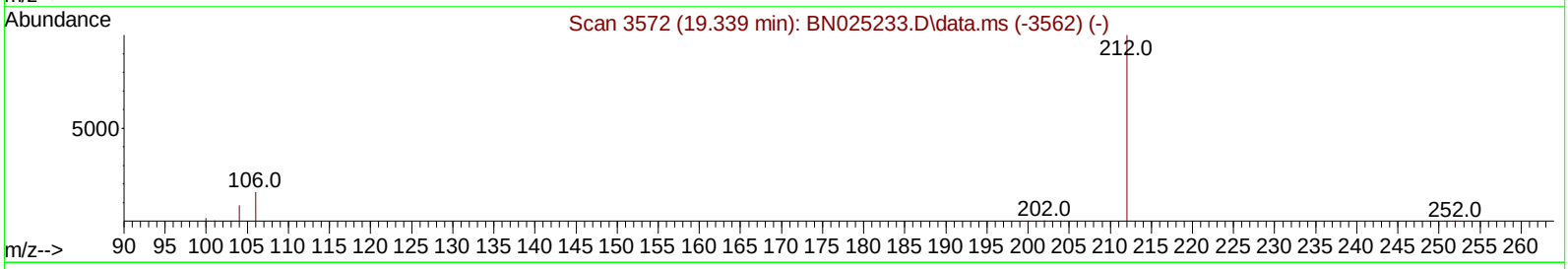

TIC: BN025247.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.405min (+ 0.066) 0.09 ng/ul

response 6064

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	16.10	105.61#
104.00	9.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
Data File : BN025247.D
Acq On : 03 May 2023 19:43
Operator : CG/JU
Sample : 02447-18MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 04 04:30:50 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
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BNA_N
ClientSampleId :
EW937MS

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/04/2023
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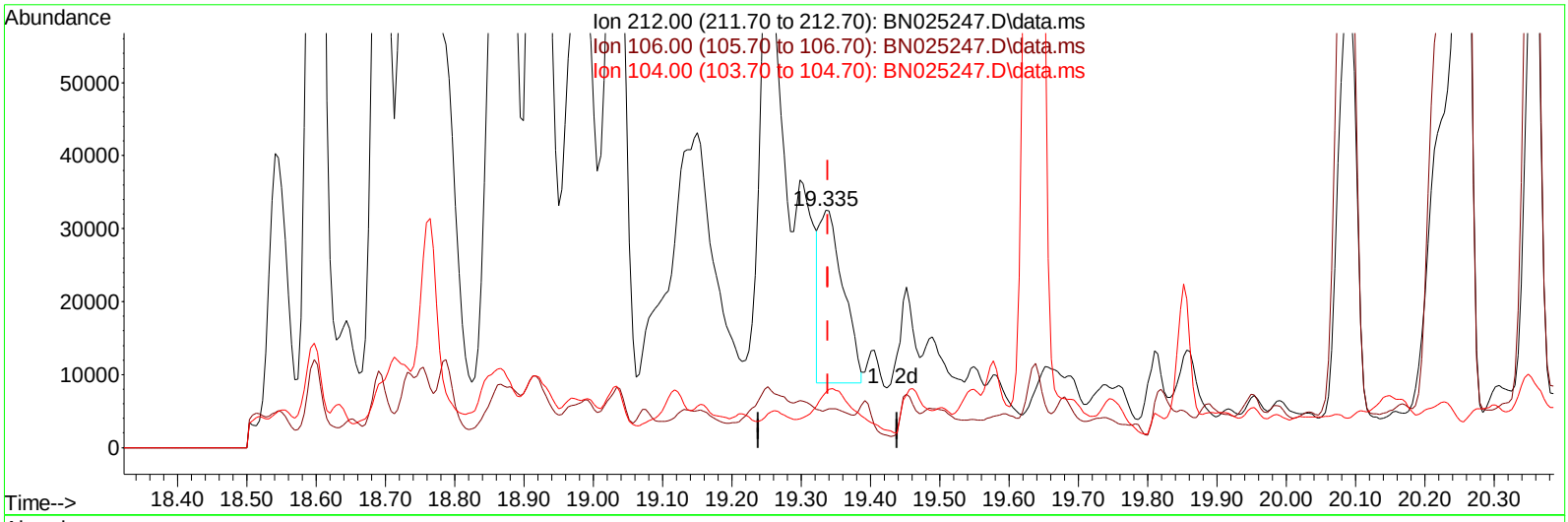

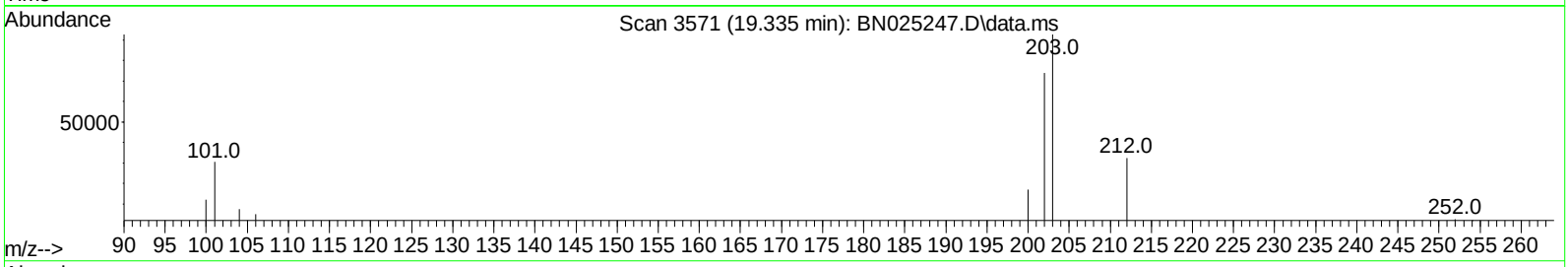

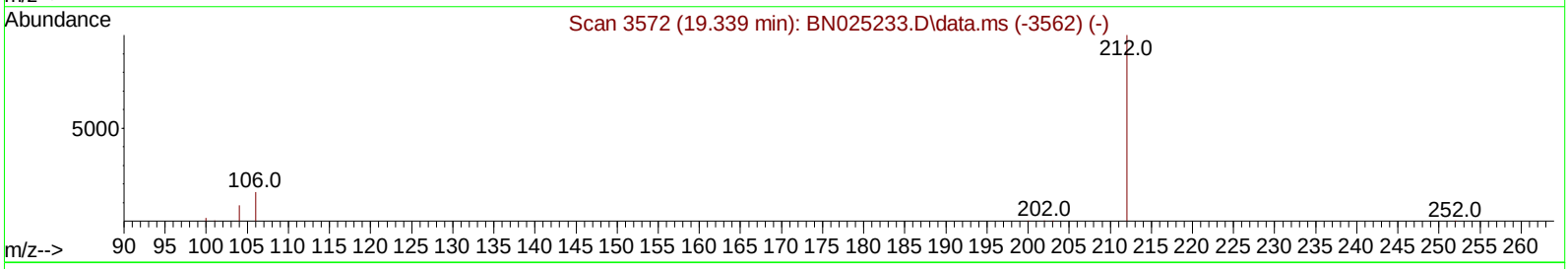

TIC: BN025247.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.335min (-0.003) 0.87 ng/ul m

response 56448

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	16.10	11.34#
104.00	9.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
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Acq On : 03 May 2023 19:43
Operator : CG/JU
Sample : 02447-18MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 04 04:30:50 2023
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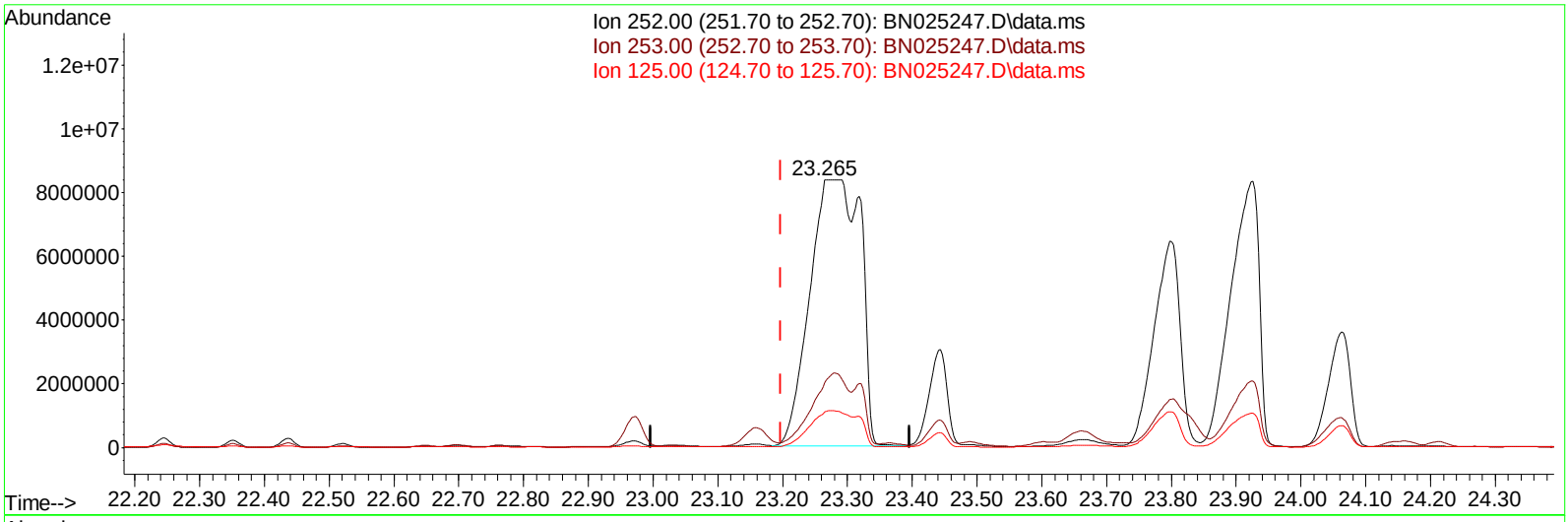

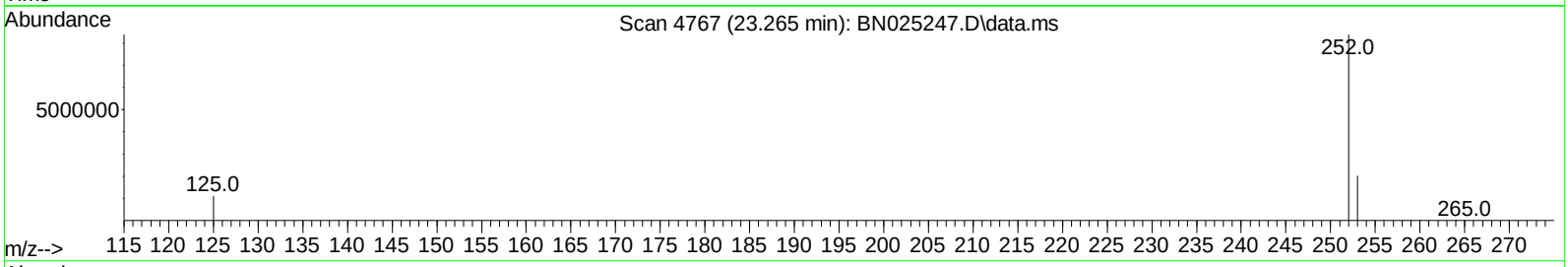

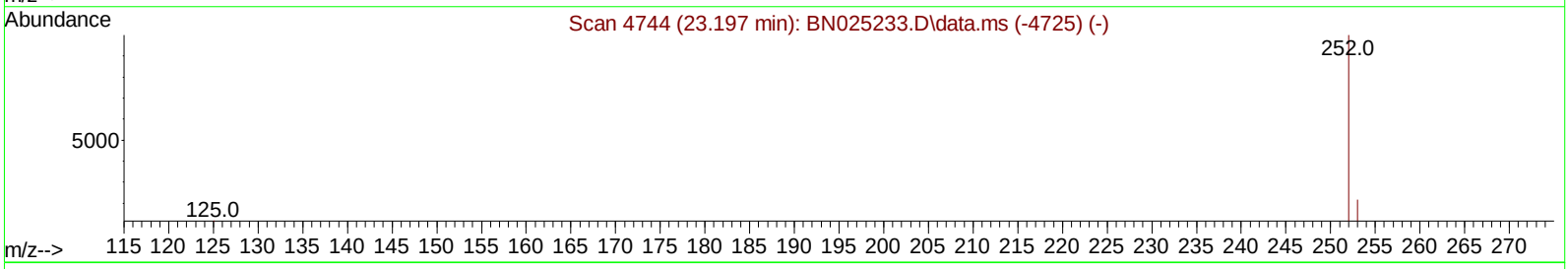

TIC: BN025247.D\data.ms

(24) Benzo(b)fluoranthene

23.265min (+ 0.068) 276.44 ng/ul

response 44785152

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	24.24
125.00	15.20	13.30
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
Data File : BN025247.D
Acq On : 03 May 2023 19:43
Operator : CG/JU
Sample : 02447-18MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 04 04:30:50 2023
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BNA_N
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Manual IntegrationsAPPROVED

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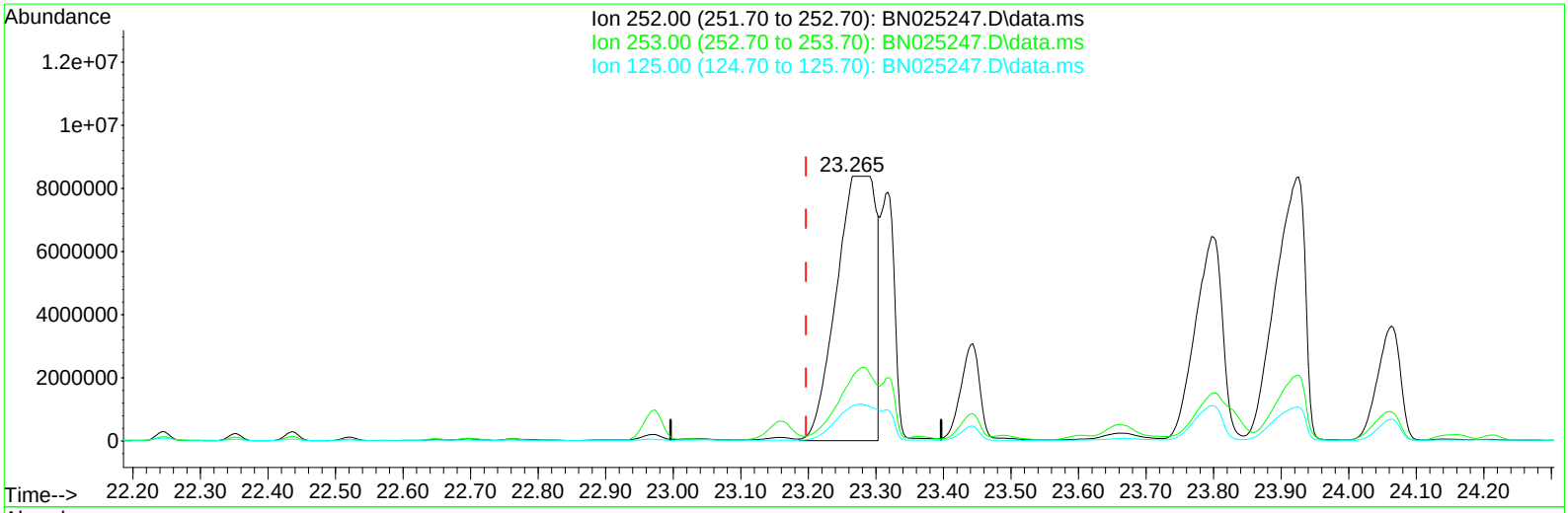

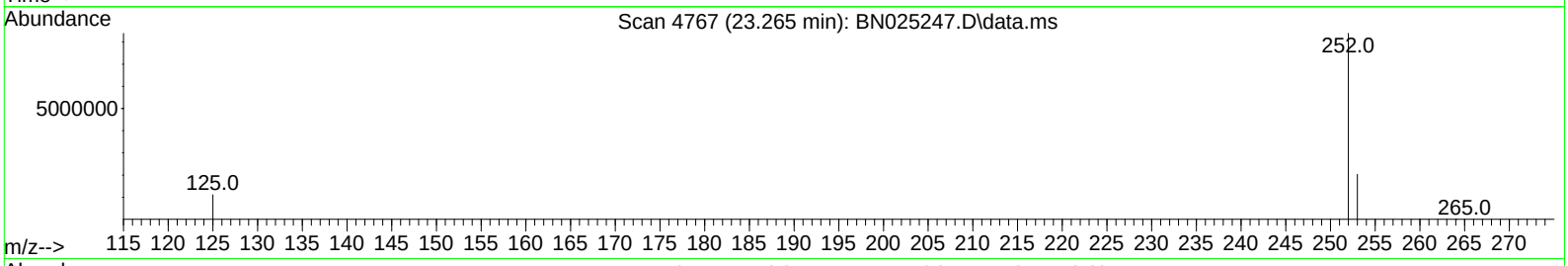

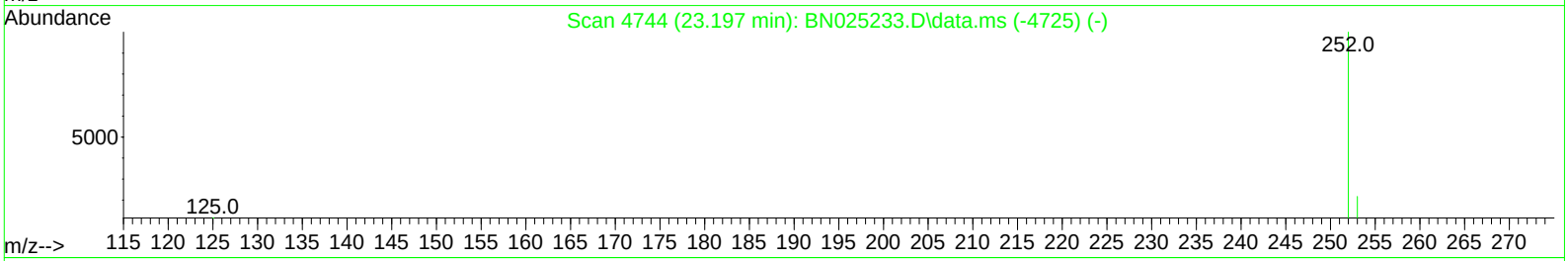

TIC: BN025247.D\data.ms

(24) Benzo(b)fluoranthene

23.265min (+ 0.068) 208.13 ng/ul m

response 33717778

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	24.24
125.00	15.20	13.30
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
Data File : BN025247.D
Acq On : 03 May 2023 19:43
Operator : CG/JU
Sample : 02447-18MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 04 04:30:50 2023
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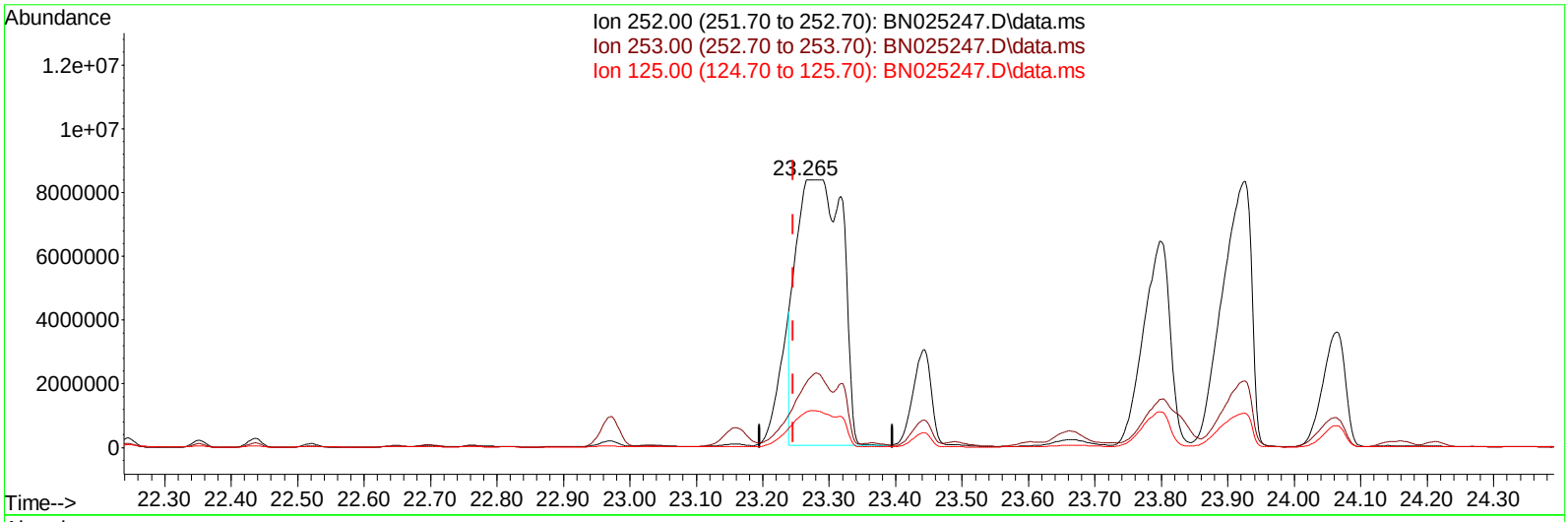

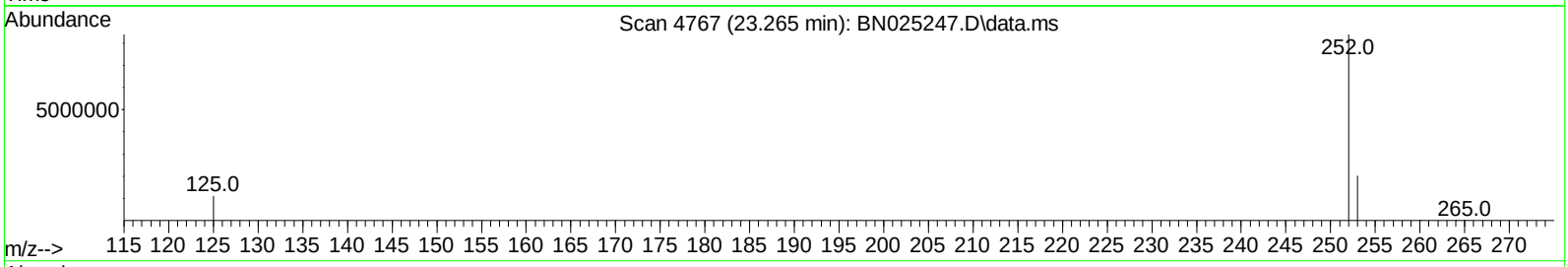

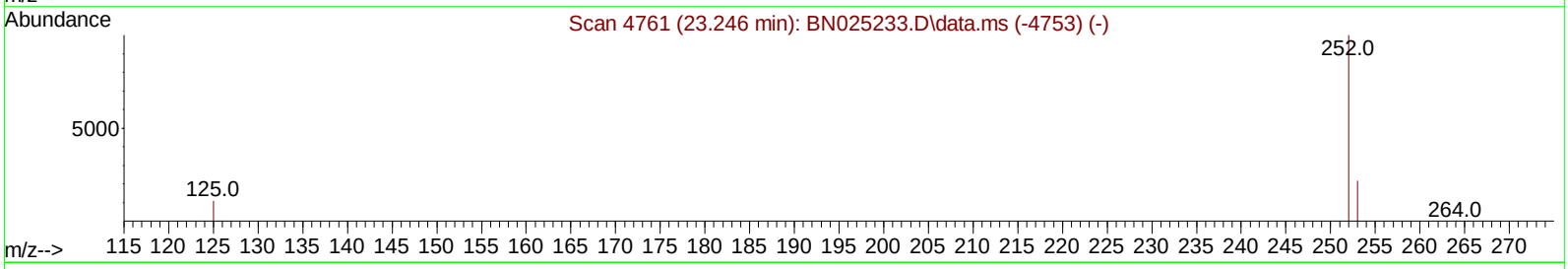

TIC: BN025247.D\data.ms

(25) Benzo(k)fluoranthene

23.265min (+ 0.019) 257.86 ng/ul

response 40181756

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.30	24.24
125.00	14.80	13.30
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
Data File : BN025247.D
Acq On : 03 May 2023 19:43
Operator : CG/JU
Sample : 02447-18MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 04 04:30:50 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
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QLast Update : Wed May 03 15:28:32 2023
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Instrument :
BNA_N
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EW937MS

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/04/2023
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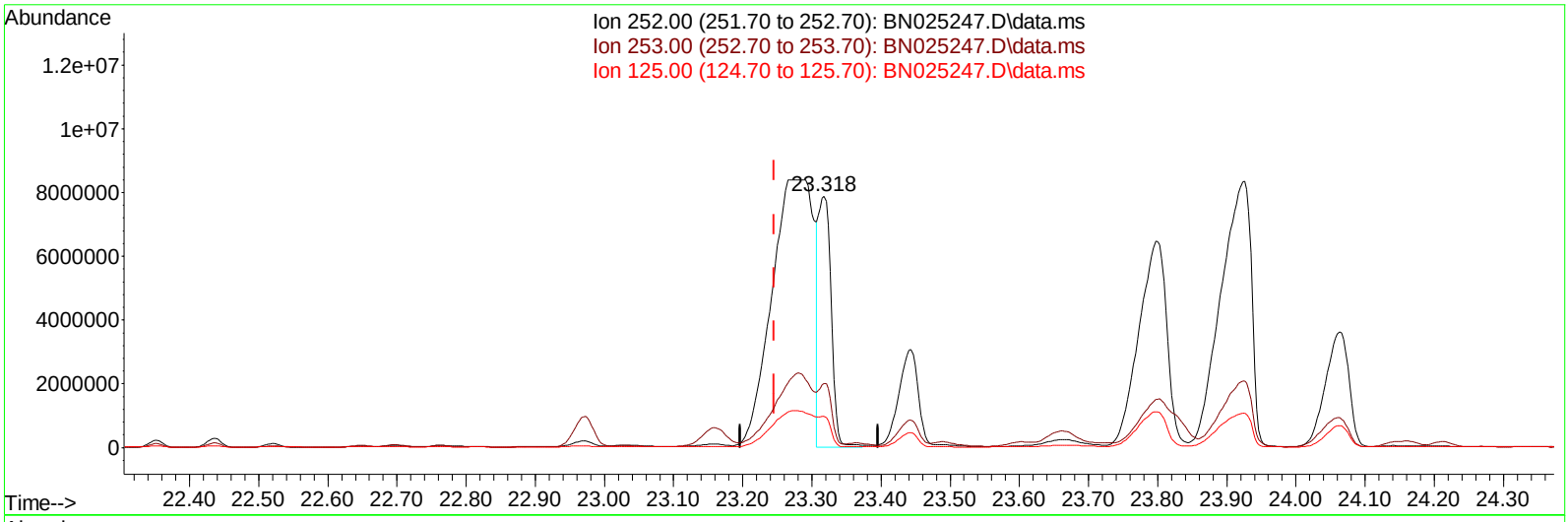

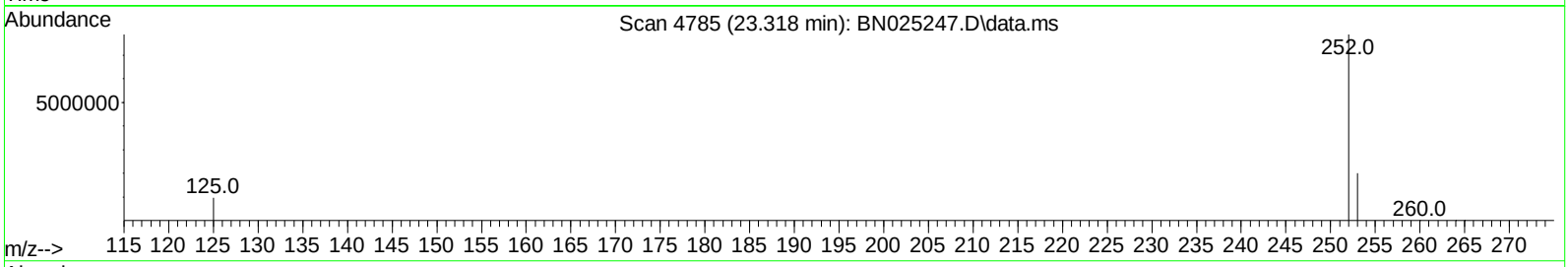

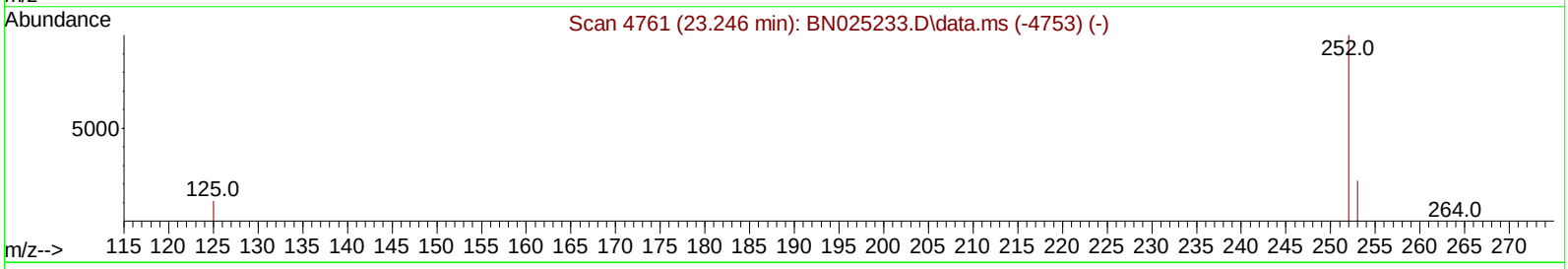

TIC: BN025247.D\data.ms

(25) Benzo(k)fluoranthene

23.318min (+ 0.071) 66.50 ng/ul m

response 10362531

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.30	25.45
125.00	14.80	12.43
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
Data File : BN025247.D
Acq On : 03 May 2023 19:43
Operator : CG/JU
Sample : 02447-18MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 04 04:30:50 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
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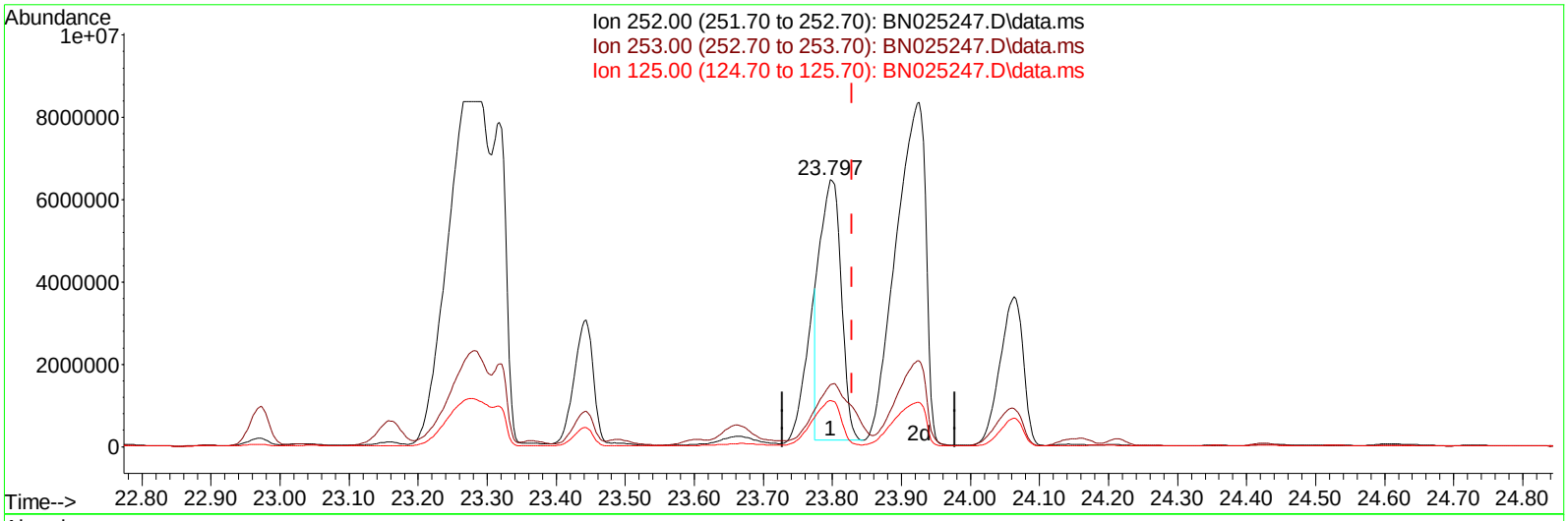
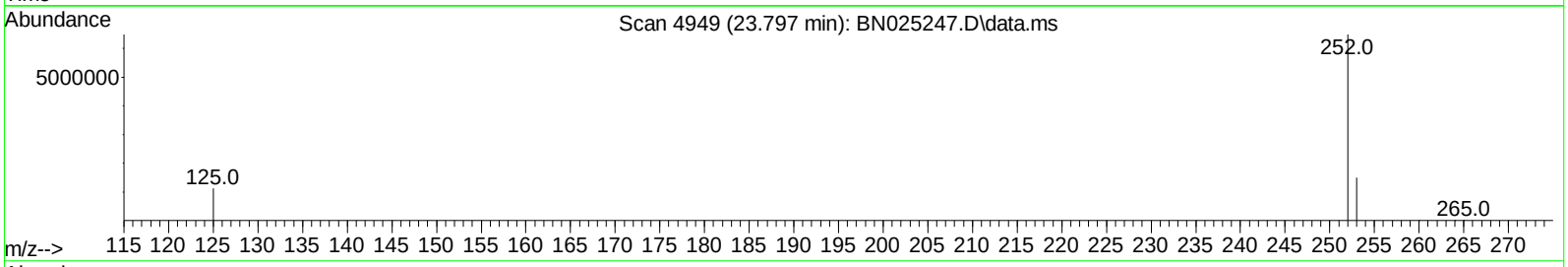
QLast Update : Wed May 03 15:28:32 2023
Response via : Initial Calibration

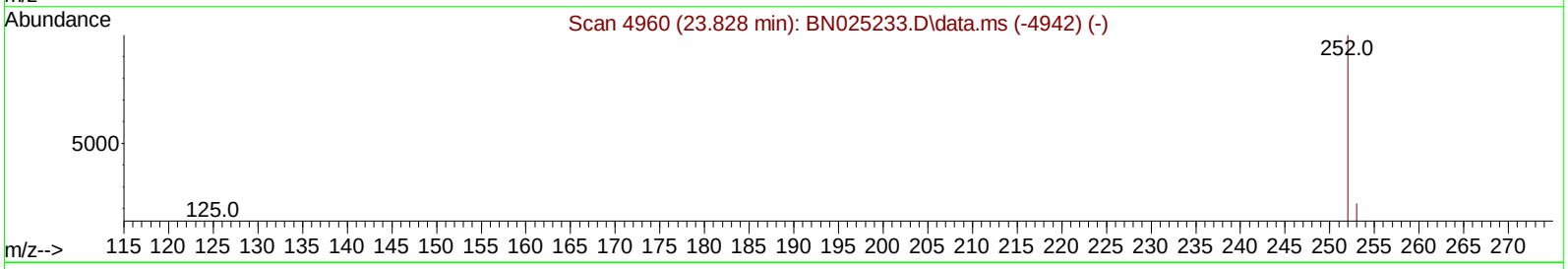
Instrument :
BNA_N
ClientSampleId :
EW937MS

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023







TIC: BN025247.D\data.ms

(26) Benzo(a)pyrene (C)

23.797min (-0.031) 103.13 ng/ul

response 13823136

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.80	23.31
125.00	18.30	17.32
0.00	0.00	0.00

Quantitation Report (Qedit)

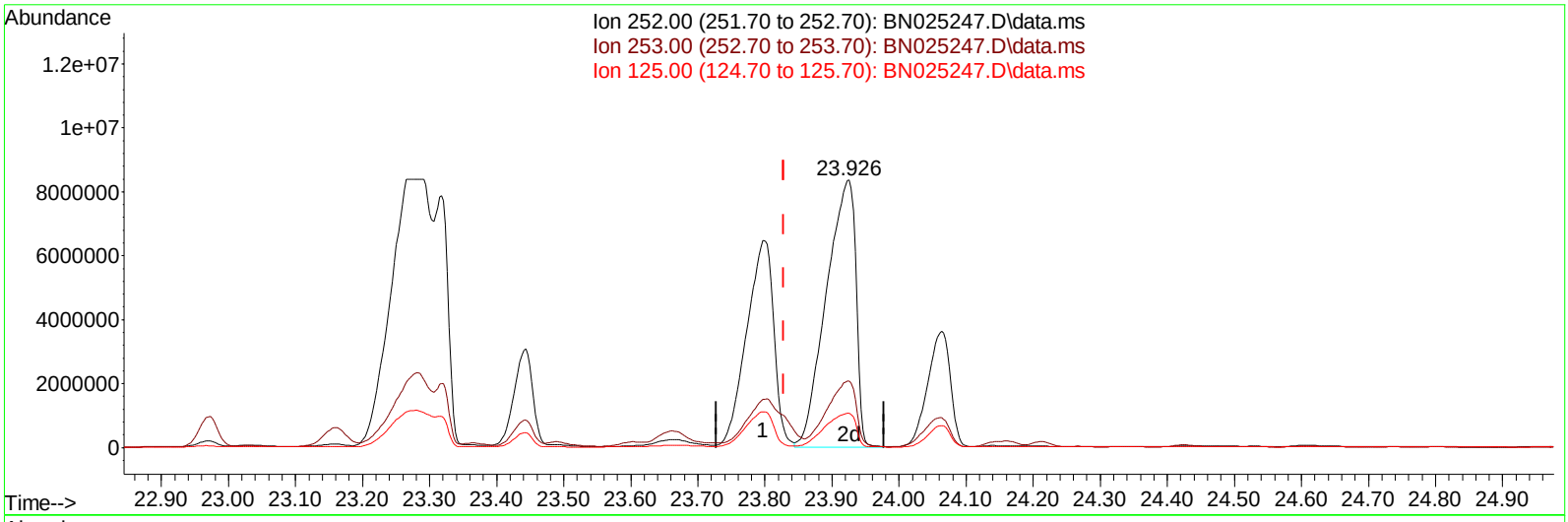
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
Data File : BN025247.D
Acq On : 03 May 2023 19:43
Operator : CG/JU
Sample : 02447-18MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

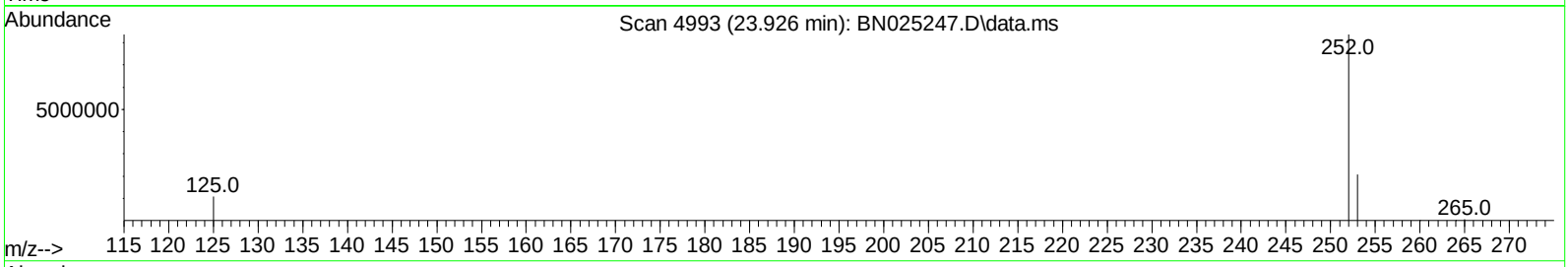
Quant Time: May 04 04:30:50 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 15:28:32 2023
Response via : Initial Calibration

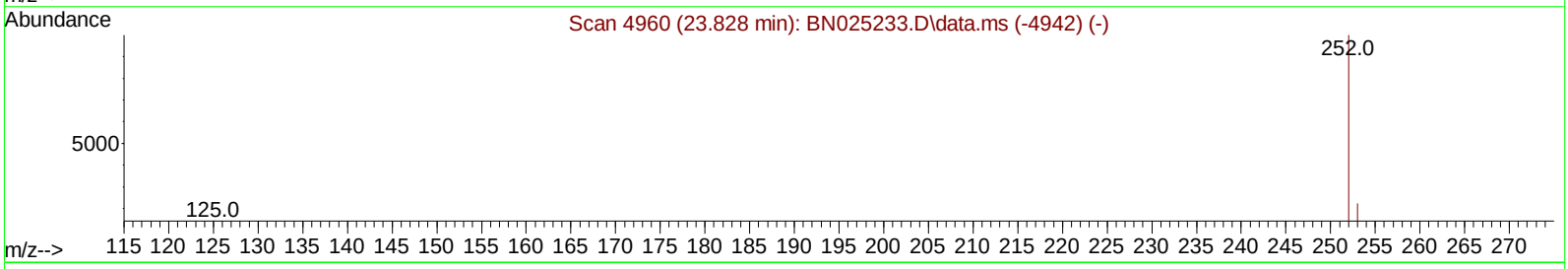
Instrument :
BNA_N
ClientSampleId :
EW937MS

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023







TIC: BN025247.D\data.ms

(26) Benzo(a)pyrene (C)

23.926min (+ 0.098) 190.66 ng/ul m

response 25556103

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.80	24.96
125.00	18.30	12.88#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
Data File : BN025247.D
Acq On : 03 May 2023 19:43
Operator : CG/JU
Sample : 02447-18MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 04 04:30:50 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 15:28:32 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
EW937MS

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	8543	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	27038	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.565	164	22970m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.326	188	31557	0.400	ng/ul	# 0.02
17) Chrysene-d12	21.491	240	24583m	0.400	ng/ul	-0.01
23) Perylene-d12	23.981	264	39931	0.400	ng/ul	# 0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	2206	0.249	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.315	152	8464	0.244	ng/ul	0.00
18) Fluoranthene-d10	19.335	212	56448m	0.871	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.335	88	5840	0.613	ng/ul#	77
5) Naphthalene	10.776	128	1771076	25.564	ng/ul	99
7) 2-Methylnaphthalene	12.387	142	795616	18.750	ng/ul	99
8) 1-Methylnaphthalene	12.607	142	711201	15.724	ng/ul	99
10) Acenaphthylene	14.288	152	2522859	29.483	ng/ul	99
11) Acenaphthene	14.630	153	2610461	36.191	ng/ul	97
12) Fluorene	15.620	166	3771767	46.775	ng/ul	99
14) Pentachlorophenol	16.988	266	3702	0.598	ng/ul	99
15) Phenanthrene	17.368	178	27860716	312.782	ng/ul	95
16) Anthracene	17.469	178	13364365	183.403	ng/ul	96
19) Fluoranthene	19.391	202	35143186	395.326	ng/ul#	87
20) Pyrene	19.758	202	32541665	356.283	ng/ul#	91
21) Benzo(a)anthracene	21.520	228	23043518	311.072	ng/ul#	79
22) Chrysene	21.581	228	22515572	278.626	ng/ul#	90
24) Benzo(b)fluoranthene	23.265	252	33717778m	208.128	ng/ul	
25) Benzo(k)fluoranthene	23.318	252	10362531m	66.499	ng/ul	
26) Benzo(a)pyrene	23.926	252	25556103m	190.660	ng/ul	
27) Indeno(1,2,3-cd)pyrene	26.608	276	19379772	125.485	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.594	278	5523262	45.785	ng/ul	99
29) Benzo(g,h,i)perylene	27.403	276	17304122	131.771	ng/ul	98

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