

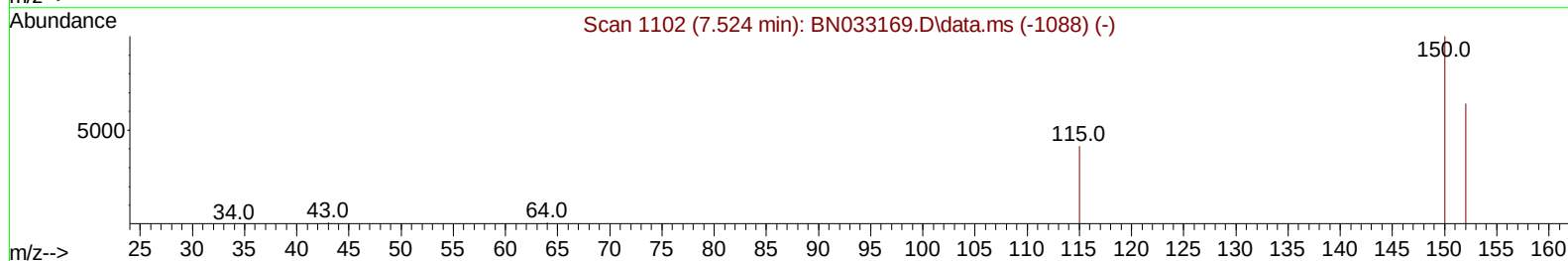
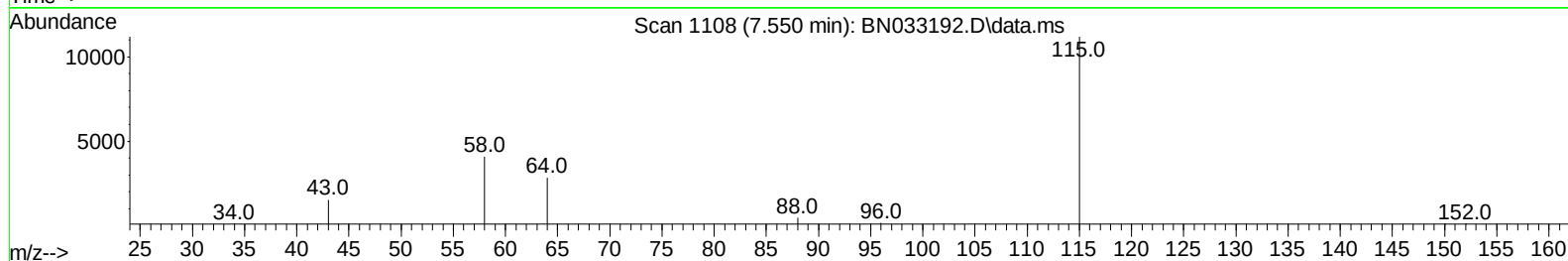
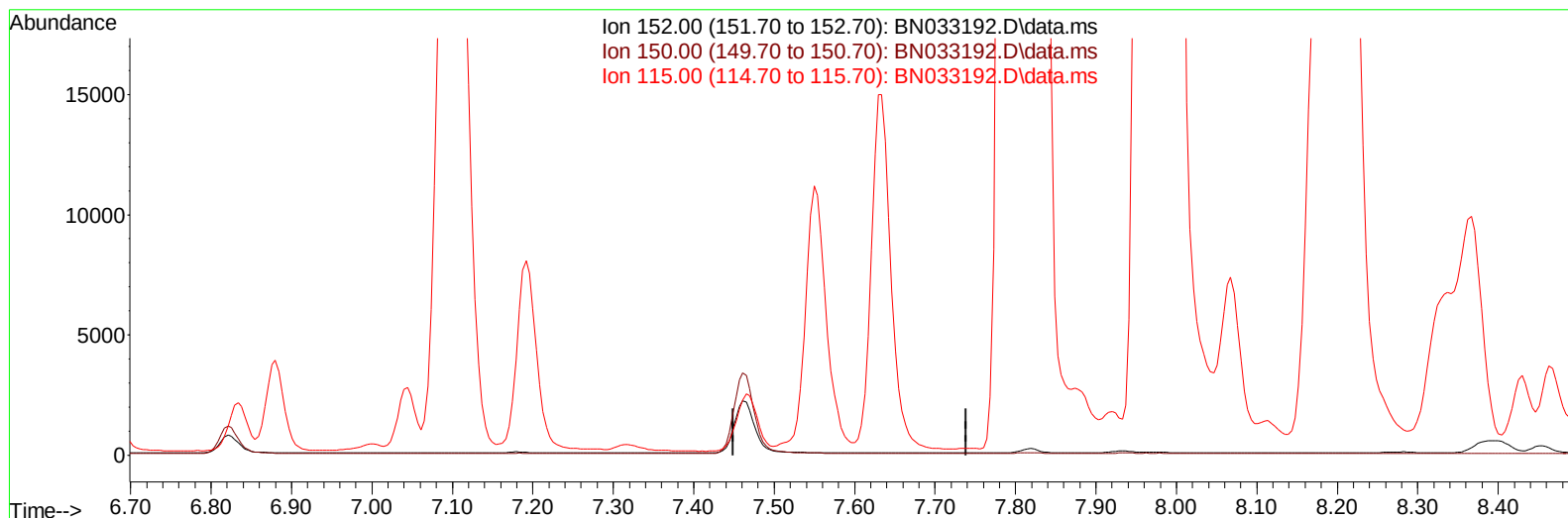
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033192.D
Acq On : 02 Aug 2024 06:57
Operator : MA/JU
Sample : P3378-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:25:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



TIC: BN033192.D\data.ms

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

7.549min (-7.549) 0.00 ng/ul

response 0

Ion	Exp%	Act%
152.00	100.00	0.00
150.00	143.10	0.00#
115.00	84.50	0.00#
0.00	0.00	0.00

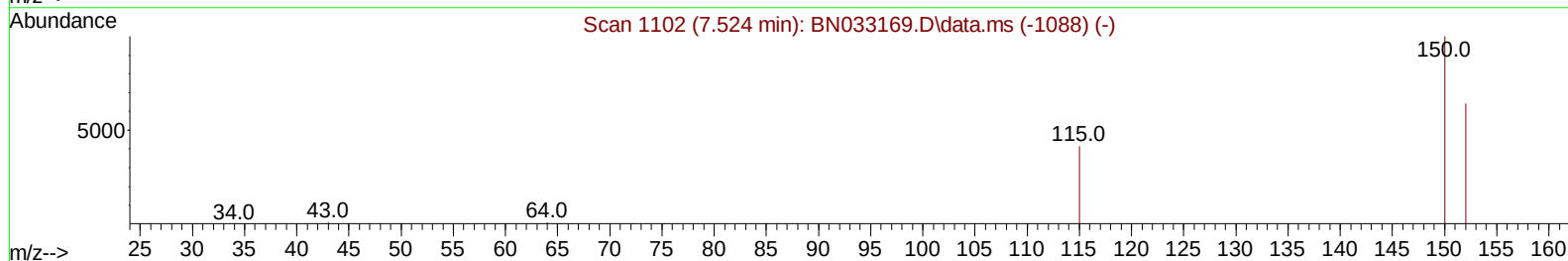
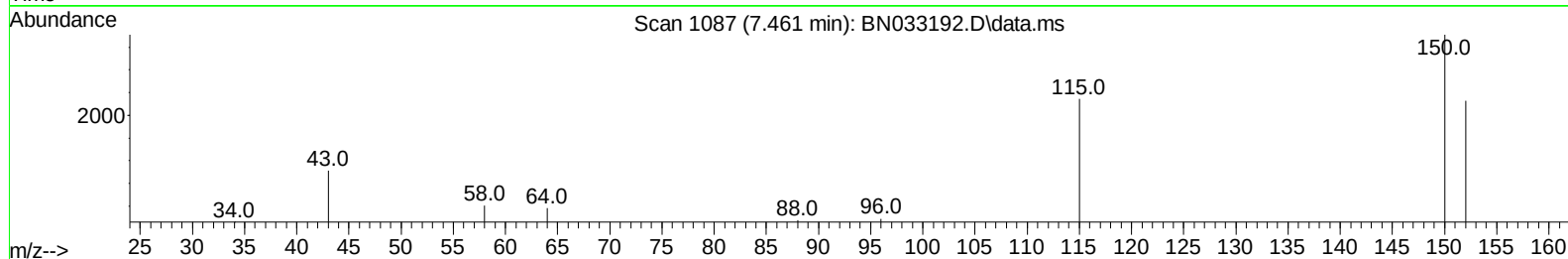
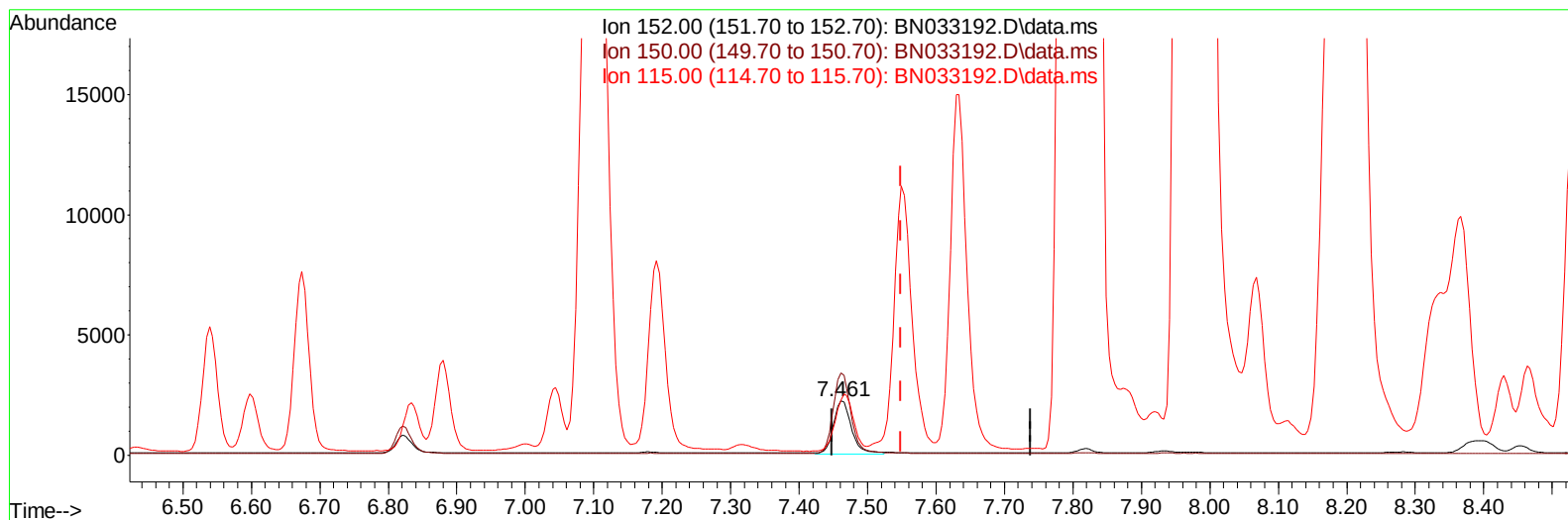
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033192.D
Acq On : 02 Aug 2024 06:57
Operator : MA/JU
Sample : P3378-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:25:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



TIC: BN033192.D\data.ms

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

7.461min (-0.088) 0.40 ng/ul m

response 4004

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	143.10	151.53
115.00	84.50	101.55#
0.00	0.00	0.00

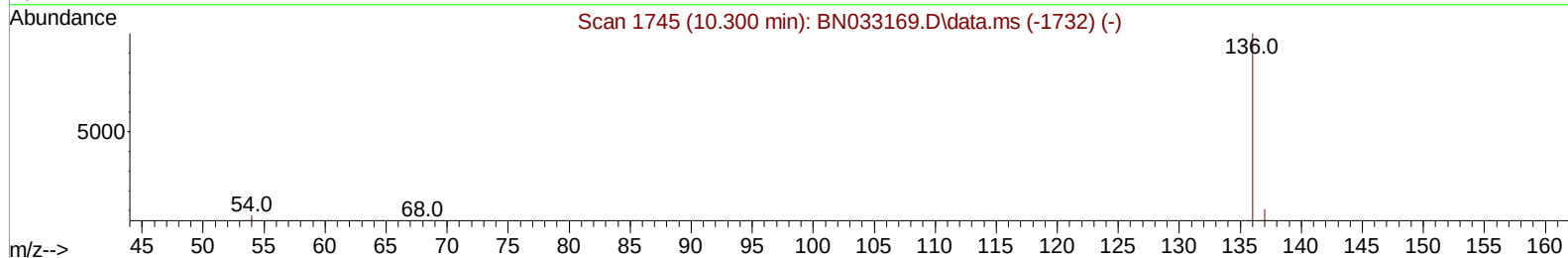
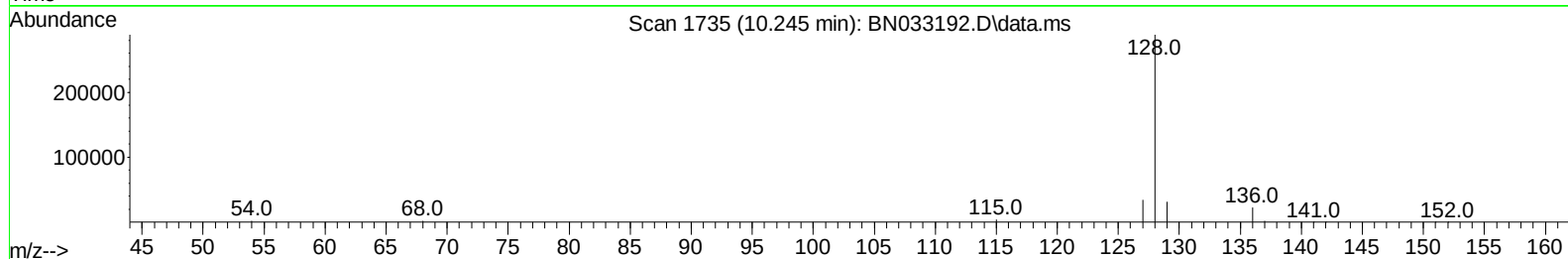
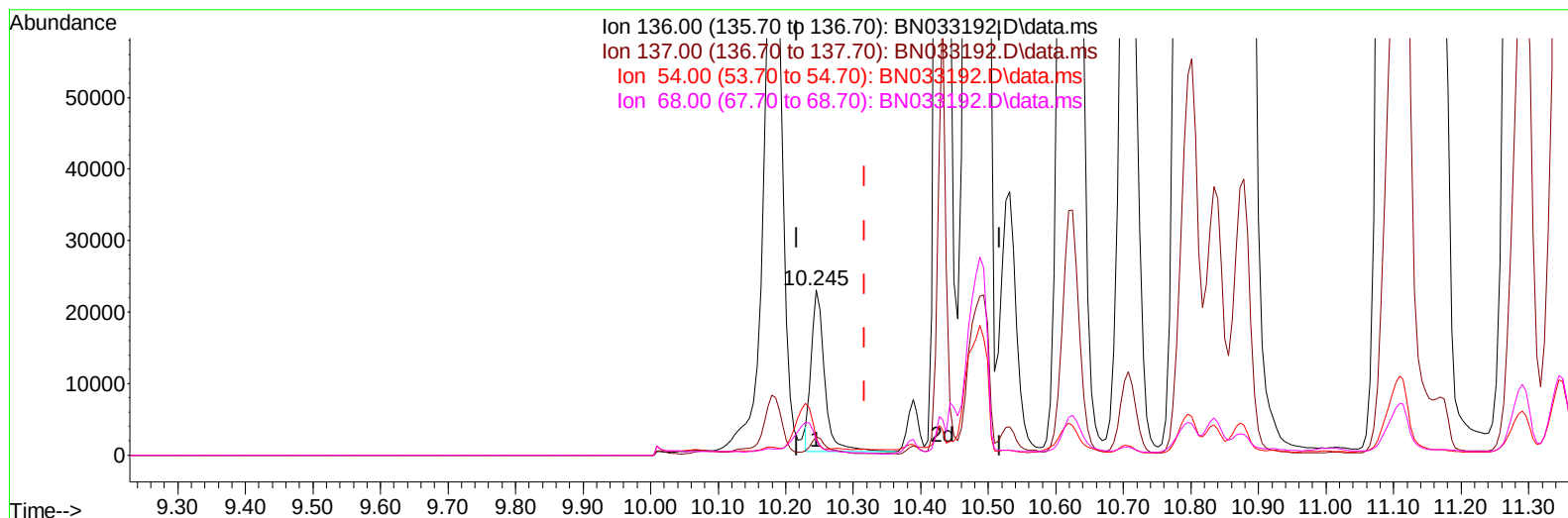
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033192.D
Acq On : 02 Aug 2024 06:57
Operator : MA/JU
Sample : P3378-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:25:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
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TIC: BN033192.D\data.ms

(4) Naphthalene-d8 (I)

10.245min (-0.071) 0.40 ng/u1

response 31616

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	13.50	11.13
54.00	11.40	10.37
68.00	10.40	9.20

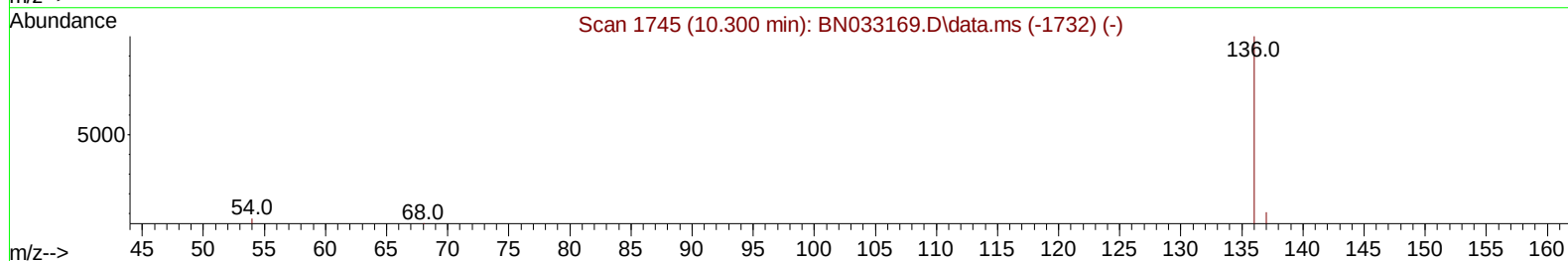
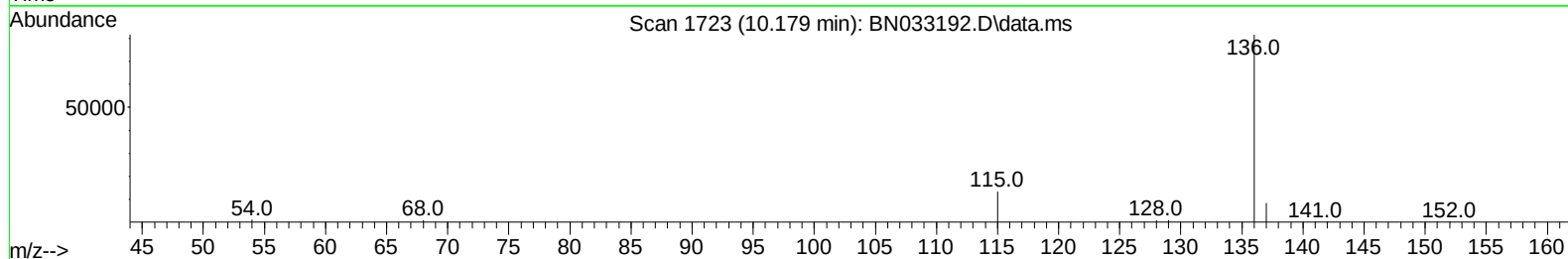
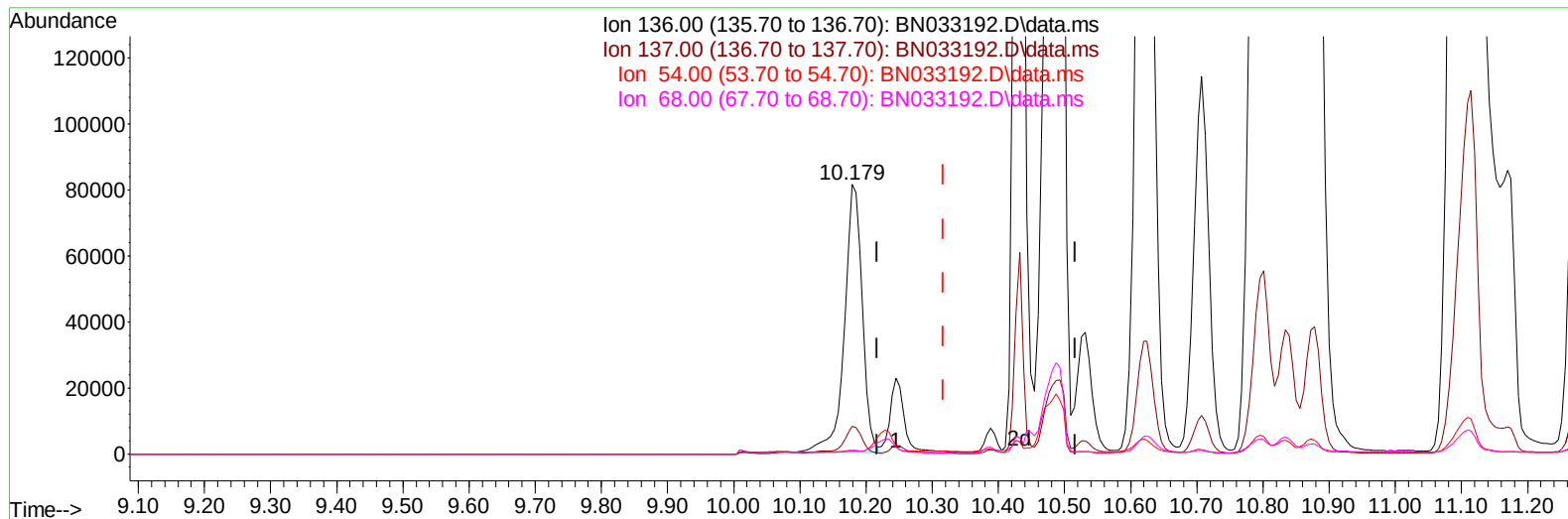
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033192.D
Acq On : 02 Aug 2024 06:57
Operator : MA/JU
Sample : P3378-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:25:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
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TIC: BN033192.D\data.ms

(4) Naphthalene-d8 (I)

10.179min (-0.137) 0.40 ng/ul m

response 150770

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	13.50	10.23#
54.00	11.40	1.39#
68.00	10.40	1.08#

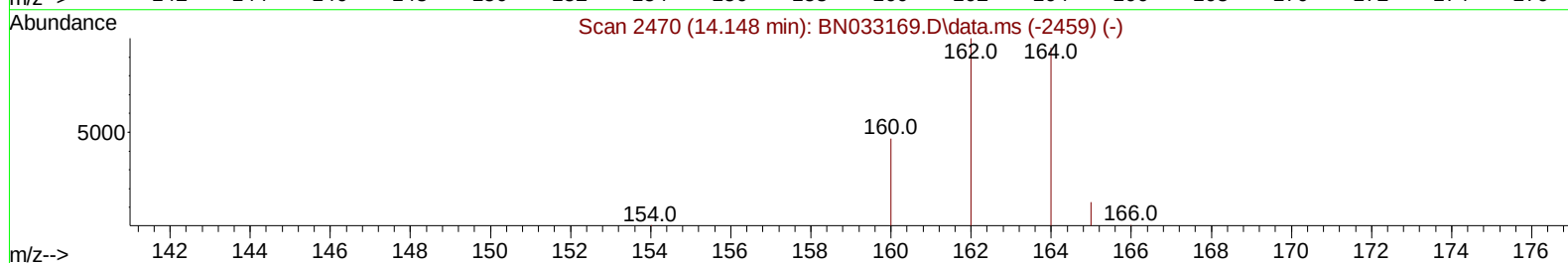
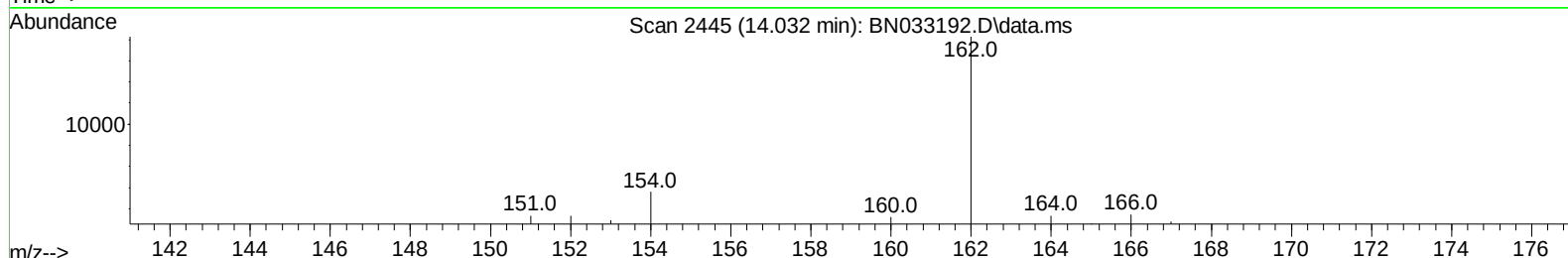
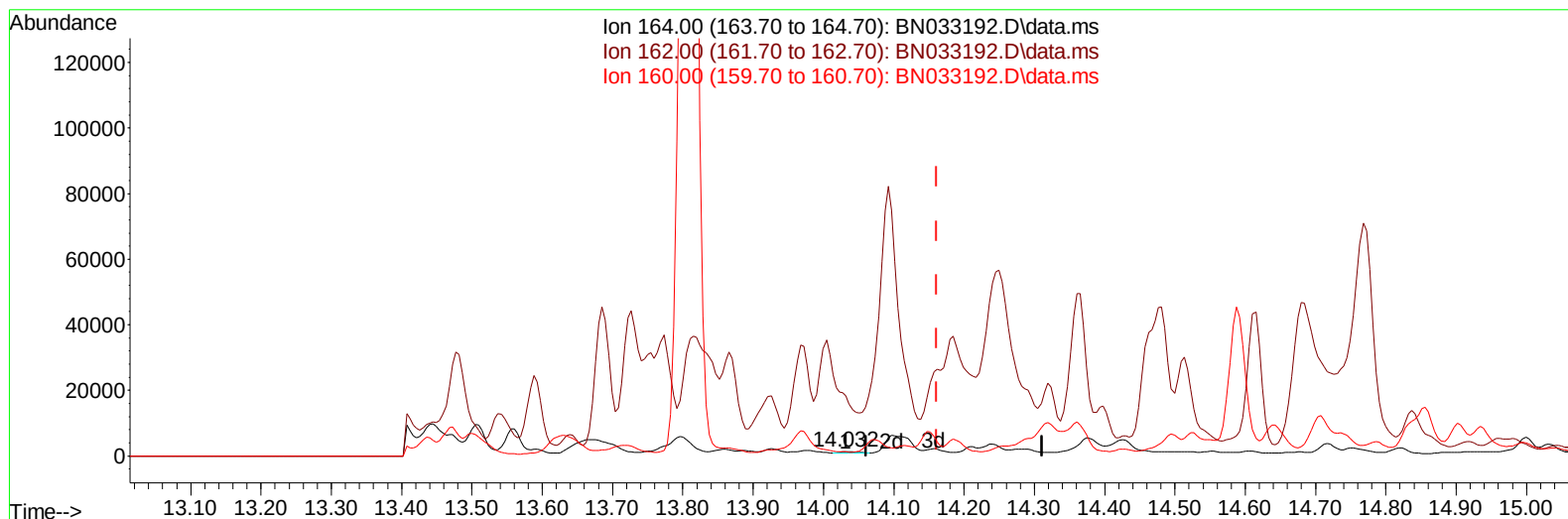
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033192.D
Acq On : 02 Aug 2024 06:57
Operator : MA/JU
Sample : P3378-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:25:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
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TIC: BN033192.D\data.ms

(9) Acenaphthene-d10 (I)

14.032min (-0.129) 0.40 ng/u1

response 669

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	103.40	1363.58#
160.00	46.80	91.57#
0.00	0.00	0.00

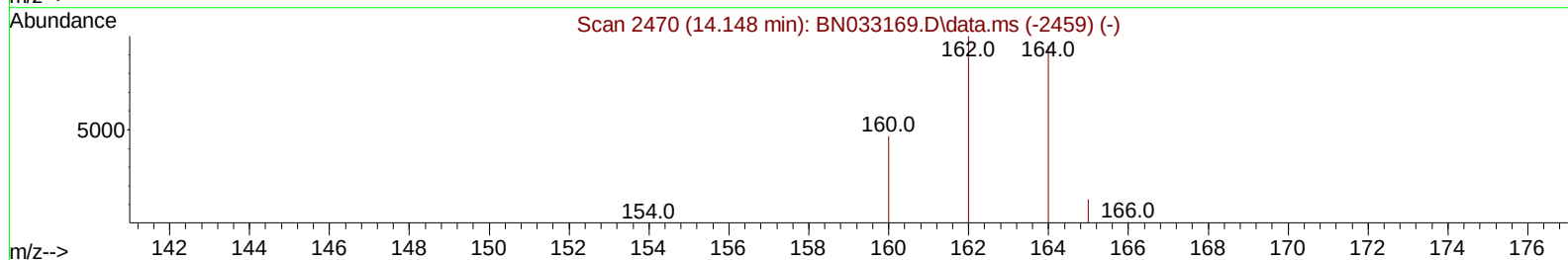
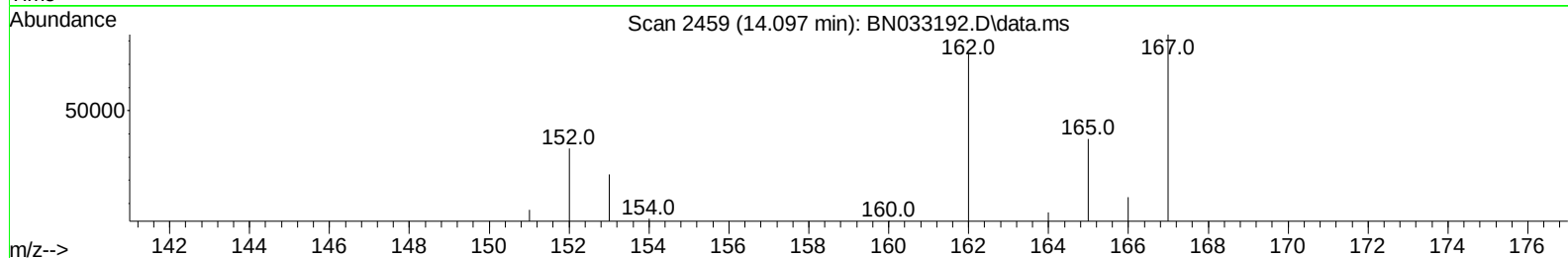
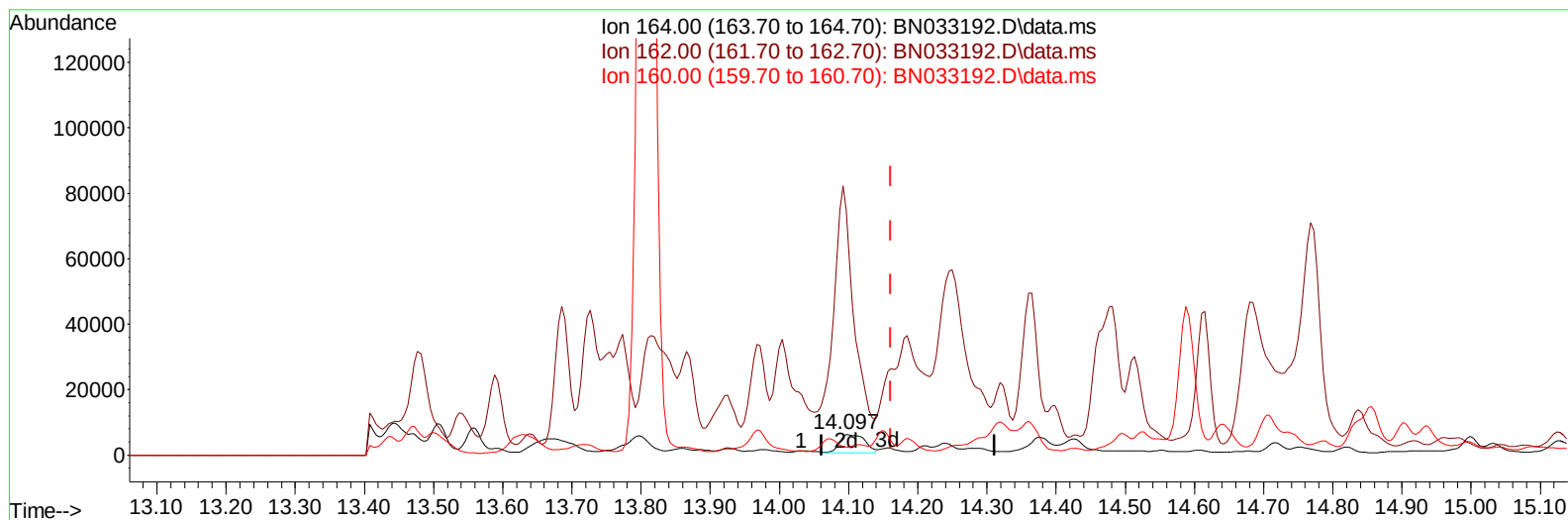
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033192.D
Acq On : 02 Aug 2024 06:57
Operator : MA/JU
Sample : P3378-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:25:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
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TIC: BN033192.D\data.ms

(9) Acenaphthene-d10 (I)

14.097min (-0.065) 0.40 ng/ul m

response 14257

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	103.40	1183.71#
160.00	46.80	37.84
0.00	0.00	0.00

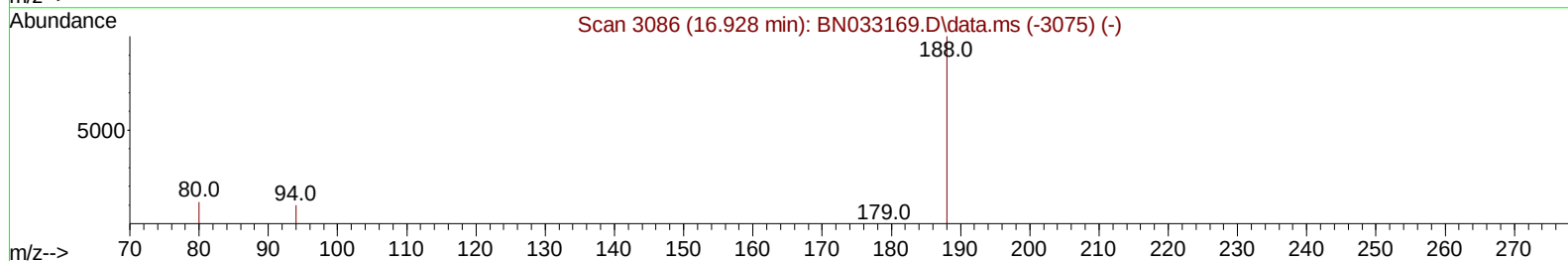
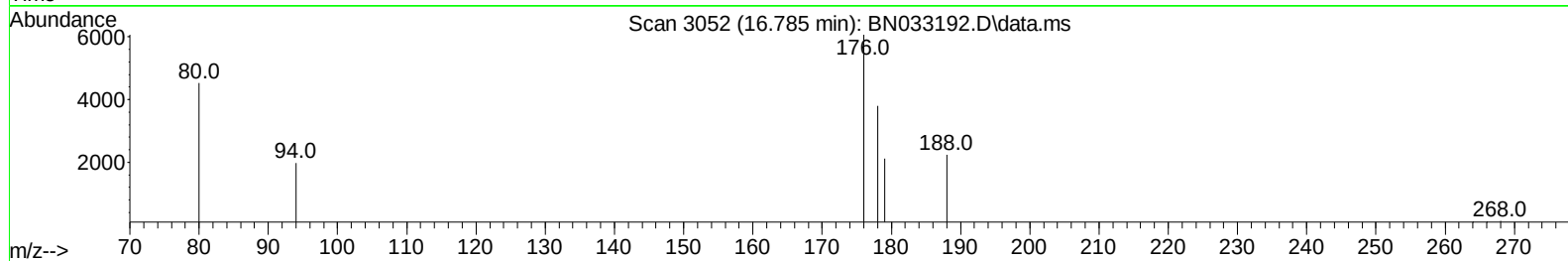
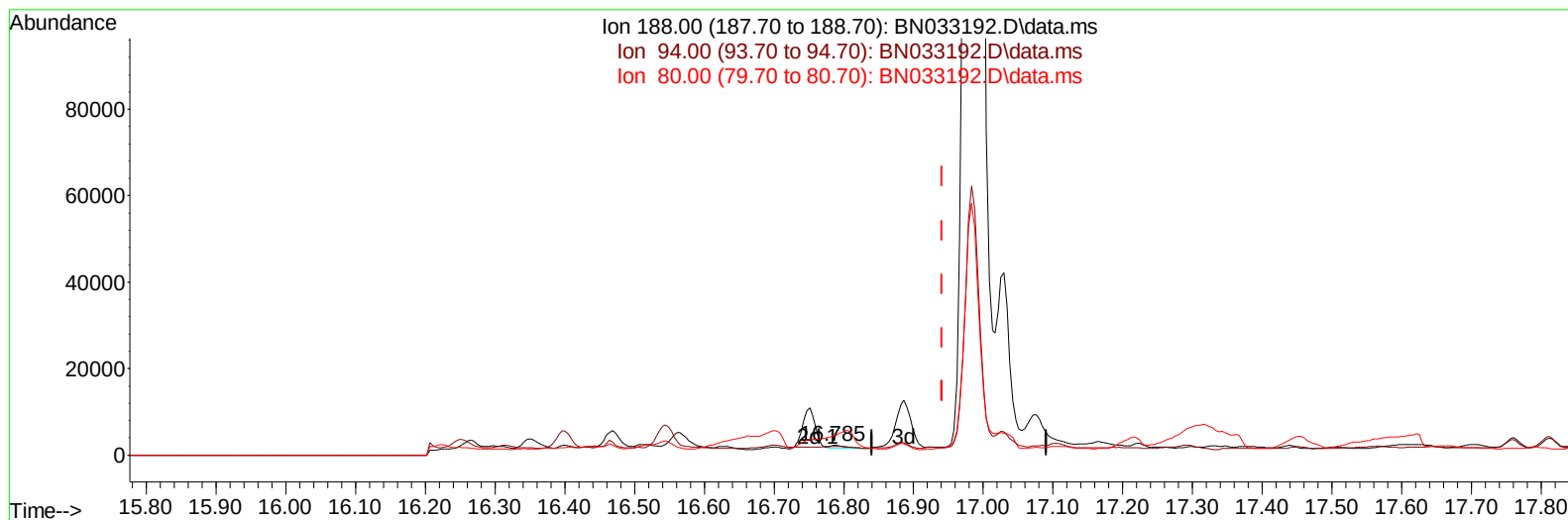
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033192.D
Acq On : 02 Aug 2024 06:57
Operator : MA/JU
Sample : P3378-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:25:17 2024
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TIC: BN033192.D\data.ms

(13) Phenanthrene-d10 (I)

16.785min (-0.156) 0.40 ng/u1

response 1038

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.40	88.68#
80.00	13.10	202.46#
0.00	0.00	0.00

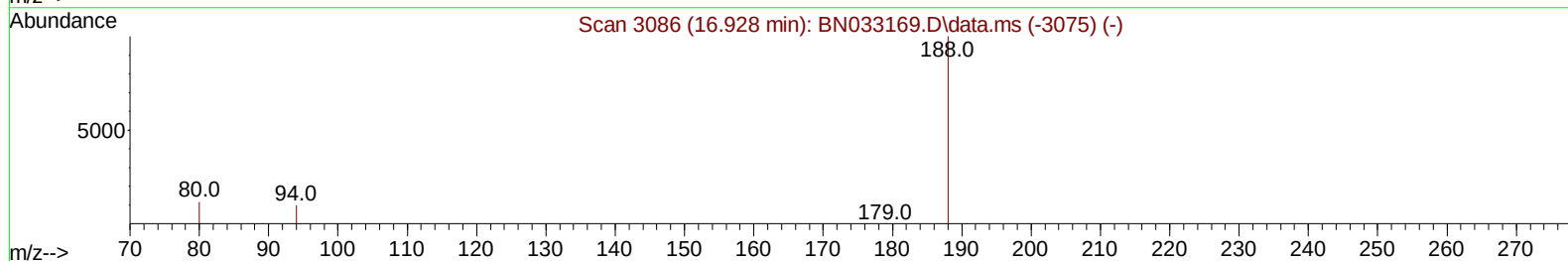
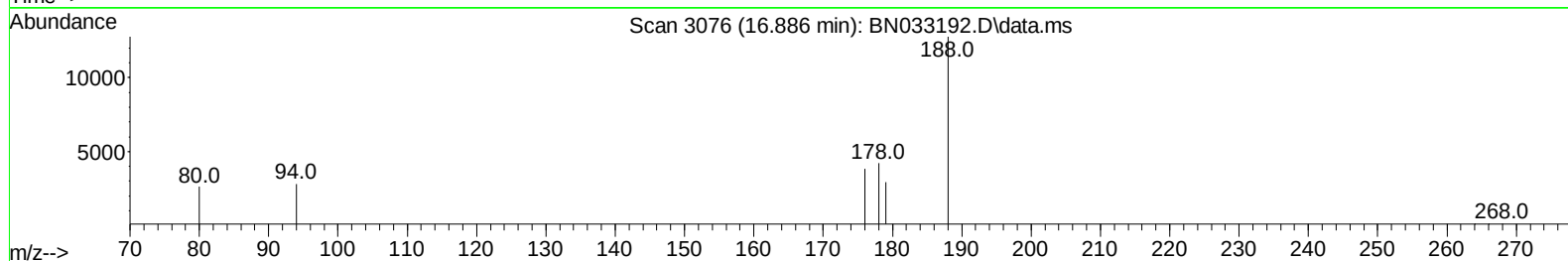
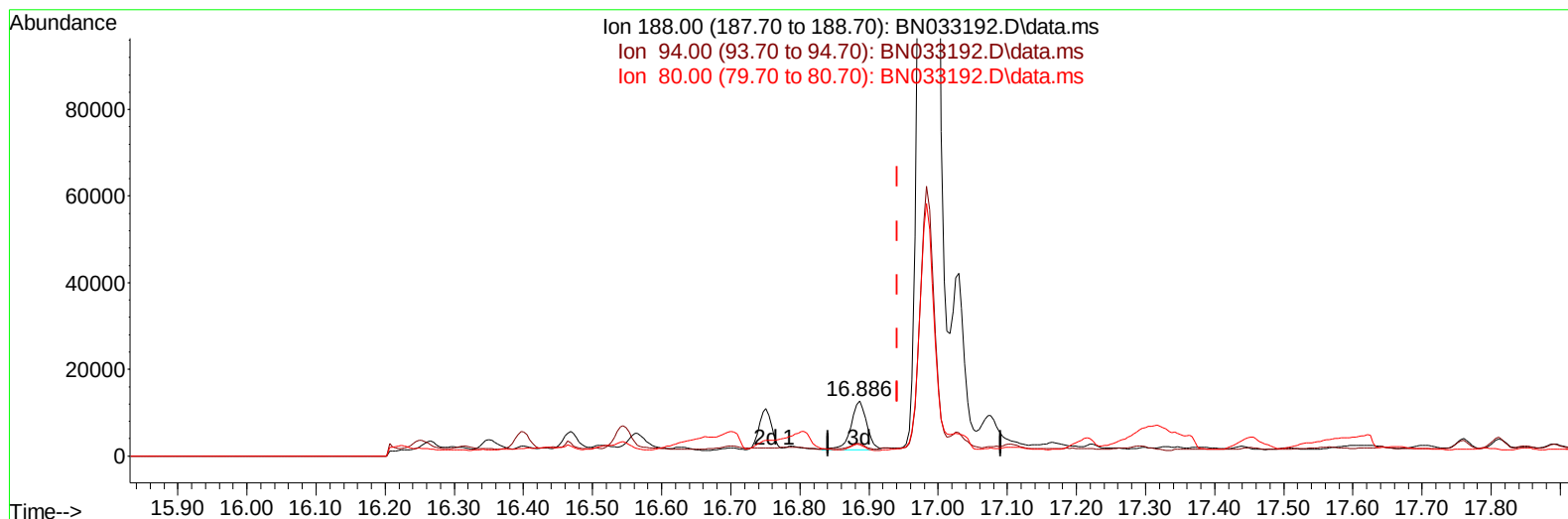
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033192.D
Acq On : 02 Aug 2024 06:57
Operator : MA/JU
Sample : P3378-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:25:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
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TIC: BN033192.D\data.ms

(13) Phenanthrene-d10 (I)

16.886min (-0.055) 0.40 ng/ul m

response 17973

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.40	22.10#
80.00	13.10	20.58#
0.00	0.00	0.00

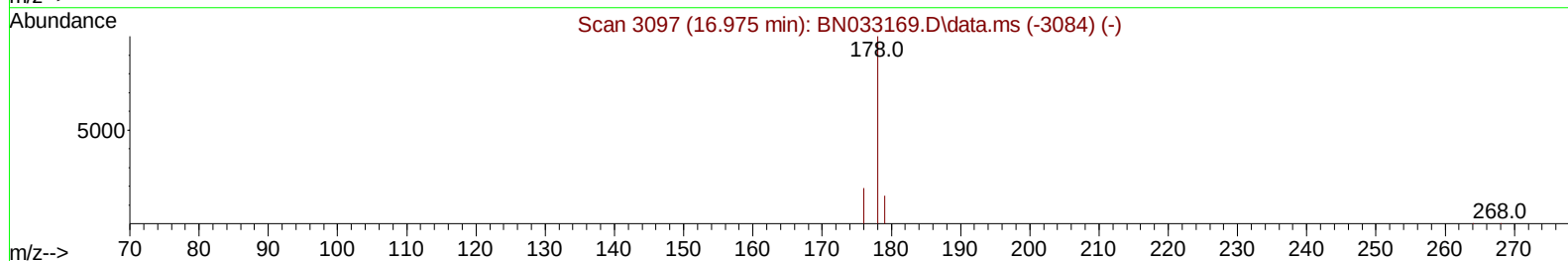
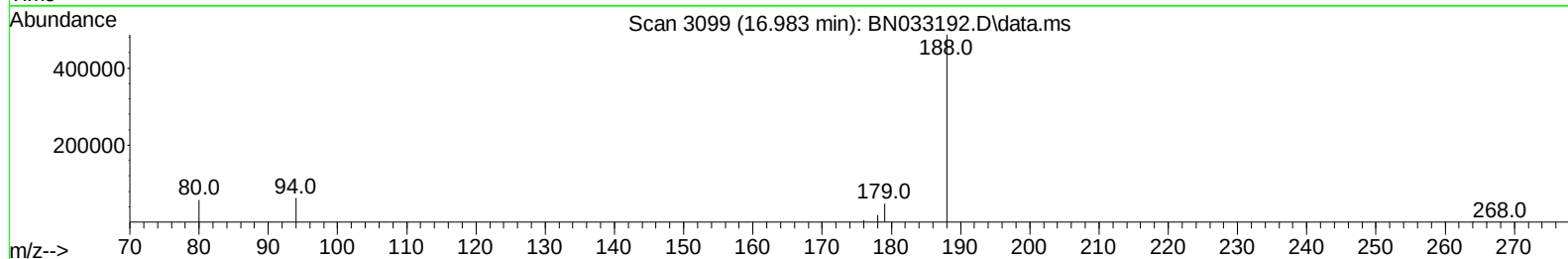
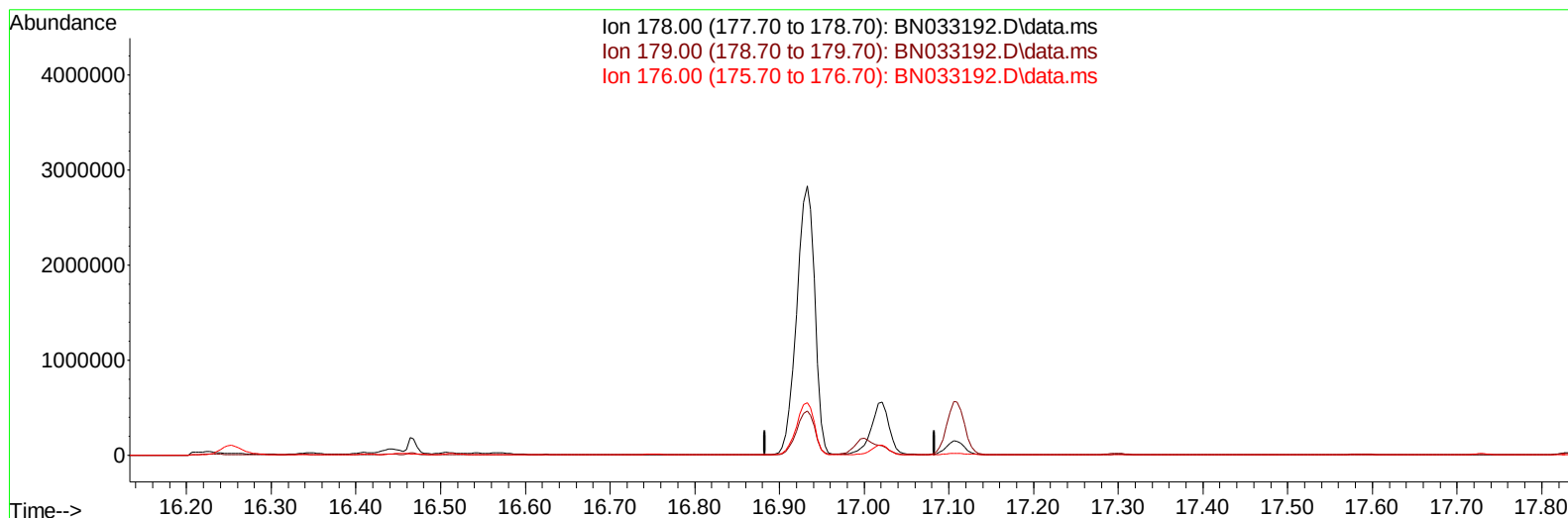
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
 Data File : BN033192.D
 Acq On : 02 Aug 2024 06:57
 Operator : MA/JU
 Sample : P3378-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AY7

Manual IntegrationsAPPROVED

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TIC: BN033192.D\data.ms

(15) Phenanthrene

16.983min (-16.983) 0.00 ng/u1

response 0

Ion	Exp%	Act%
178.00	100.00	0.00
179.00	17.10	0.00#
176.00	19.90	0.00#
0.00	0.00	0.00

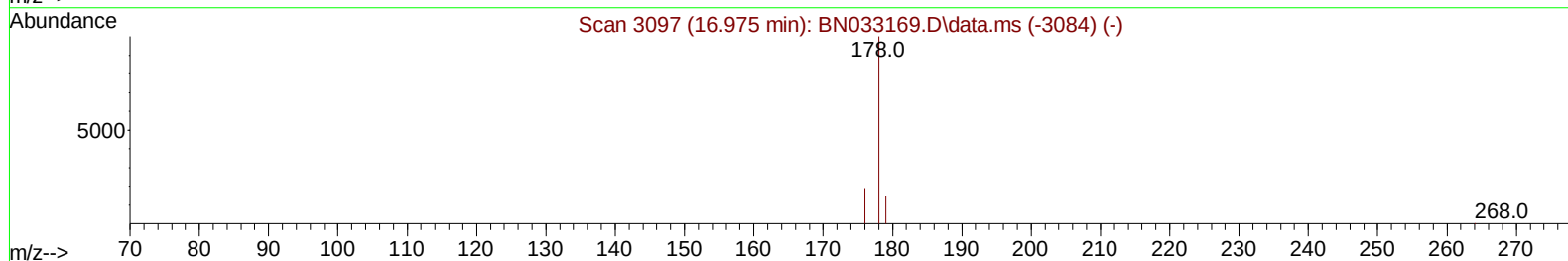
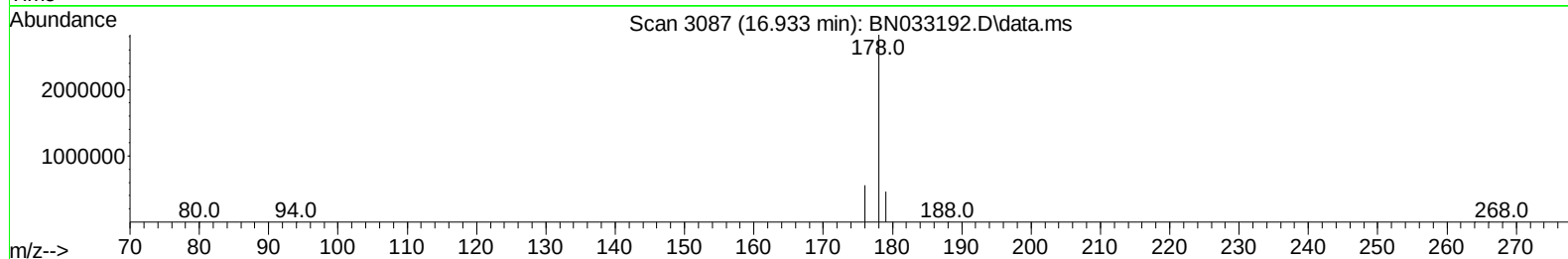
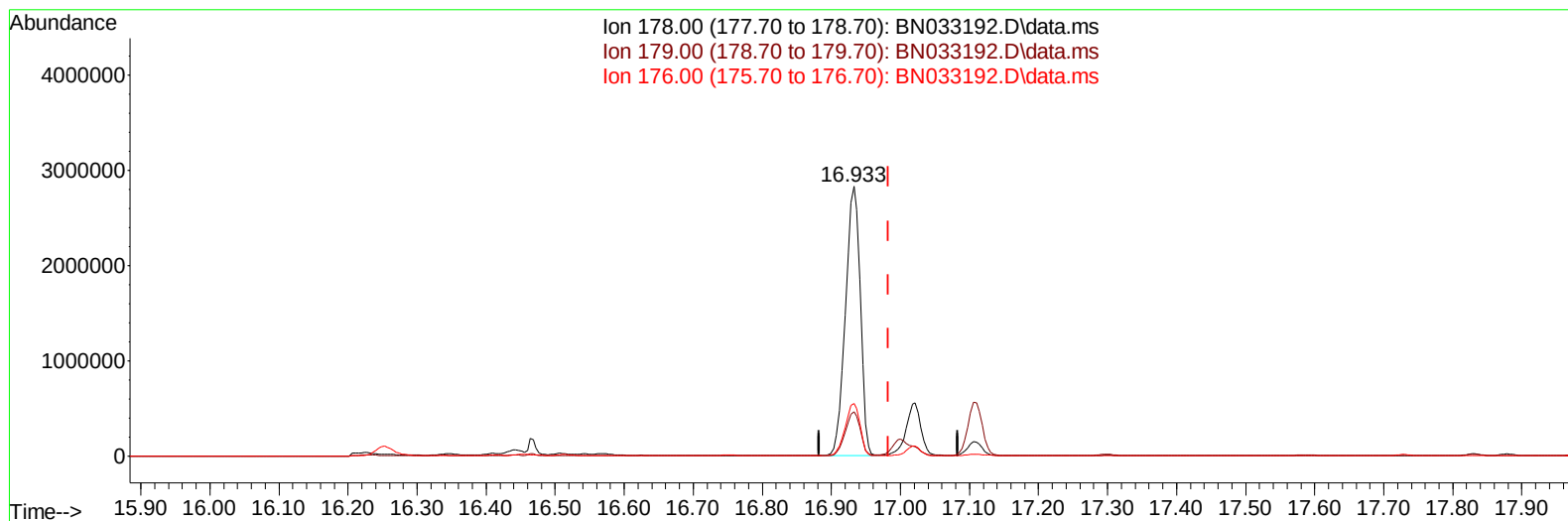
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
 Data File : BN033192.D
 Acq On : 02 Aug 2024 06:57
 Operator : MA/JU
 Sample : P3378-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AY7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:25:17 2024
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TIC: BN033192.D\data.ms

(15) Phenanthrene

16.933min (-0.050) 87.46 ng/ul m

response 4216482

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.10	16.35
176.00	19.90	19.56
0.00	0.00	0.00

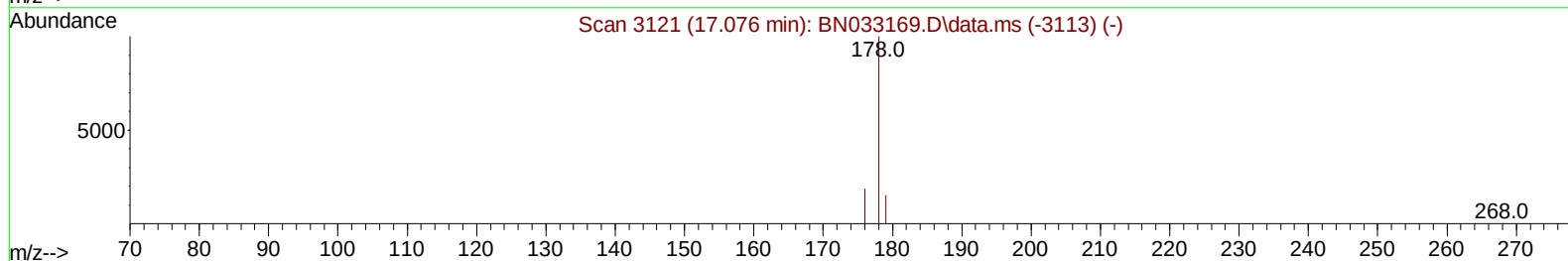
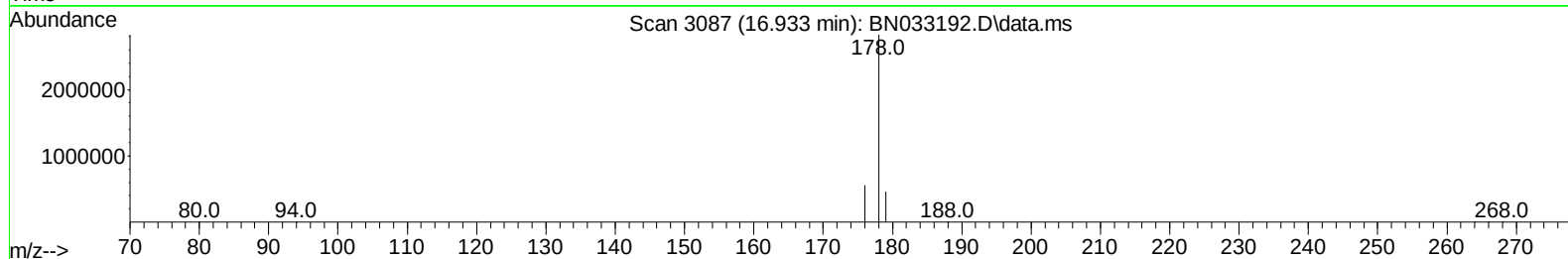
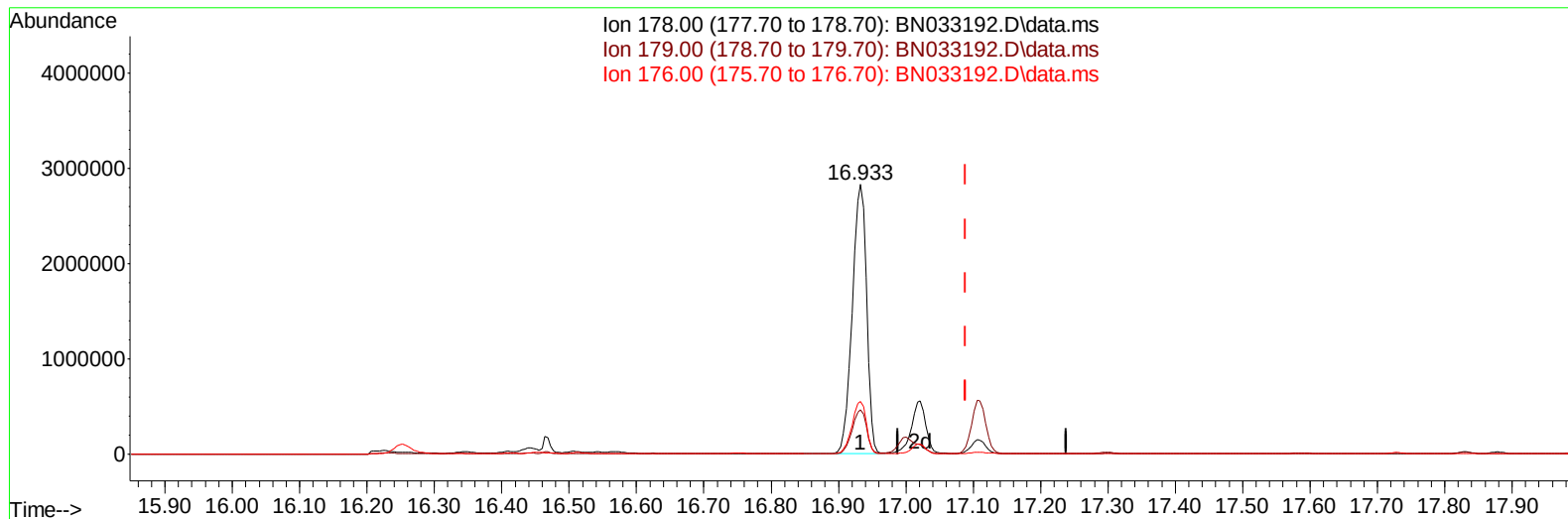
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033192.D
Acq On : 02 Aug 2024 06:57
Operator : MA/JU
Sample : P3378-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:25:17 2024
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TIC: BN033192.D\data.ms

(16) Anthracene

16.933min (-0.156) 97.34 ng/u1

response 4218930

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.90	16.35
176.00	19.80	19.56
0.00	0.00	0.00

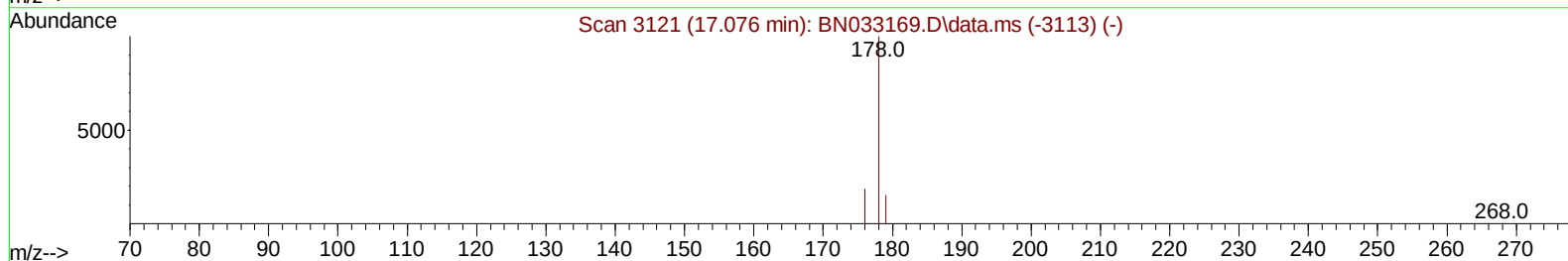
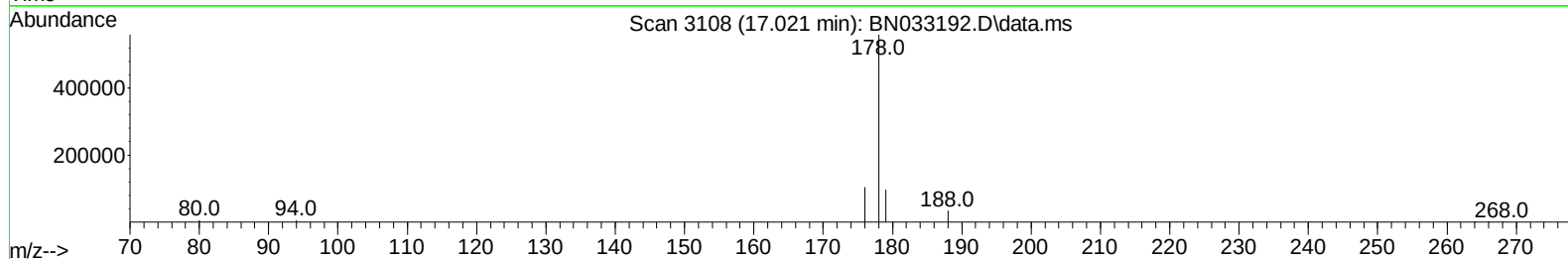
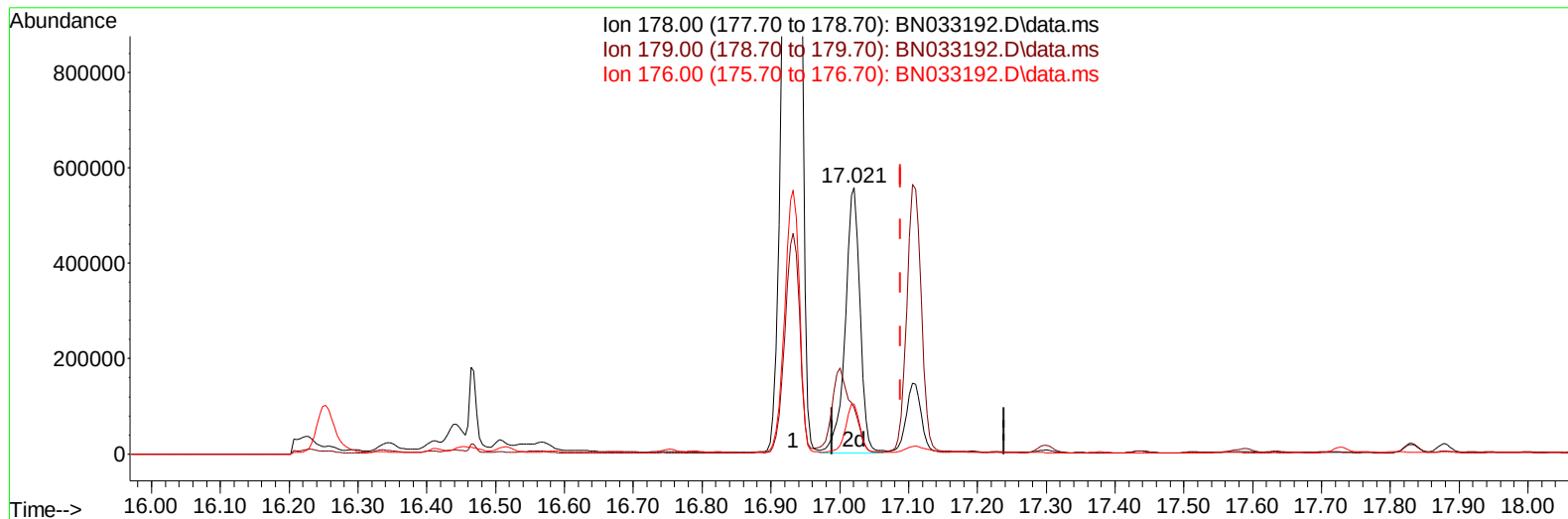
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033192.D
Acq On : 02 Aug 2024 06:57
Operator : MA/JU
Sample : P3378-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:25:17 2024
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TIC: BN033192.D\data.ms

(16) Anthracene

17.021min (-0.067) 19.15 ng/ul m

response 829813

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.90	17.37
176.00	19.80	18.68
0.00	0.00	0.00

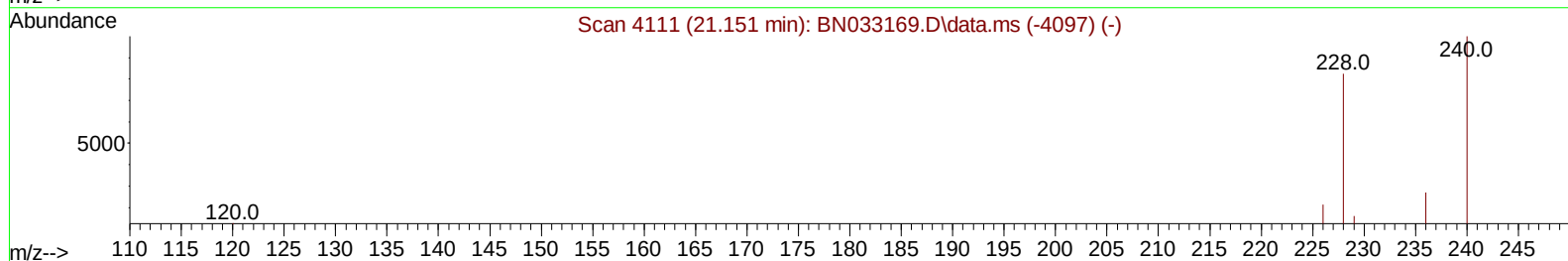
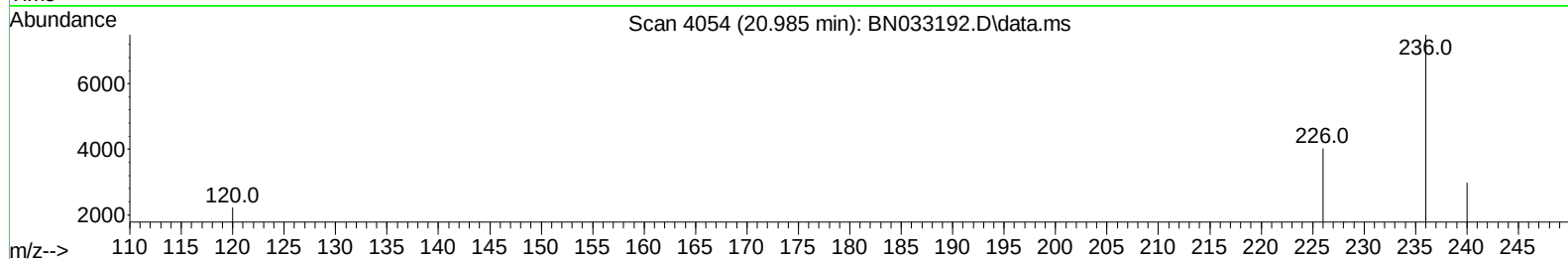
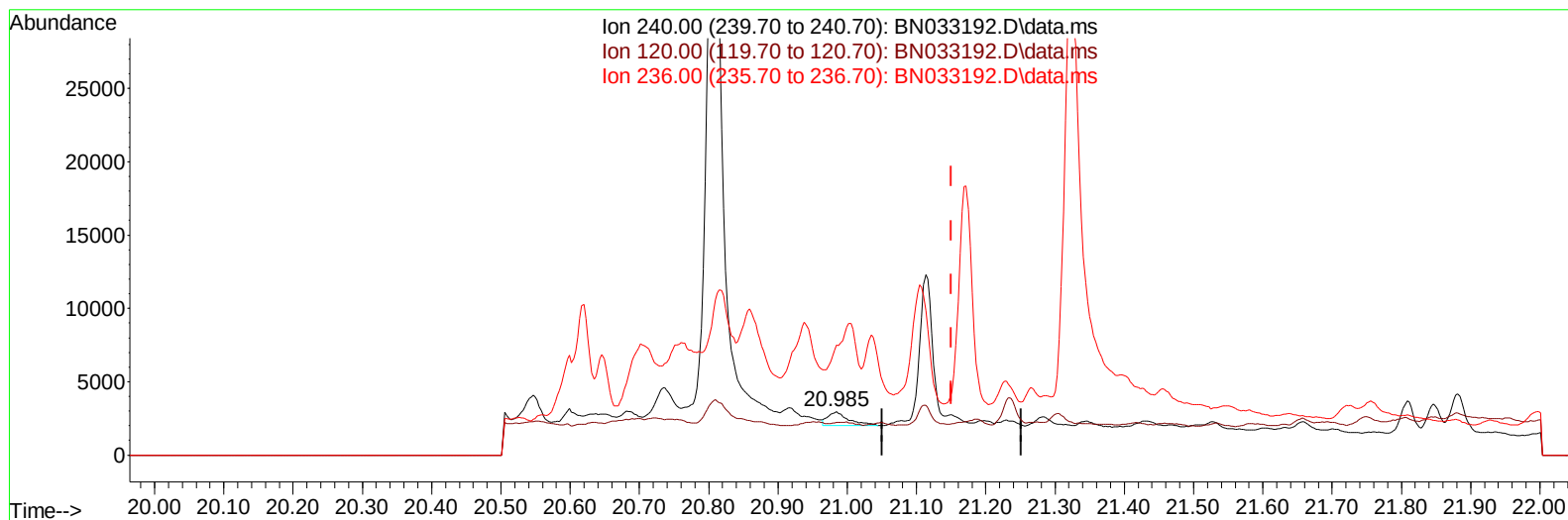
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033192.D
Acq On : 02 Aug 2024 06:57
Operator : MA/JU
Sample : P3378-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY7

Manual IntegrationsAPPROVED

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TIC: BN033192.D\data.ms

(17) Chrysene-d12

20.985min (-0.166) 0.40 ng/u1

response 1851

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	21.40	74.73#
236.00	29.50	251.17#
0.00	0.00	0.00

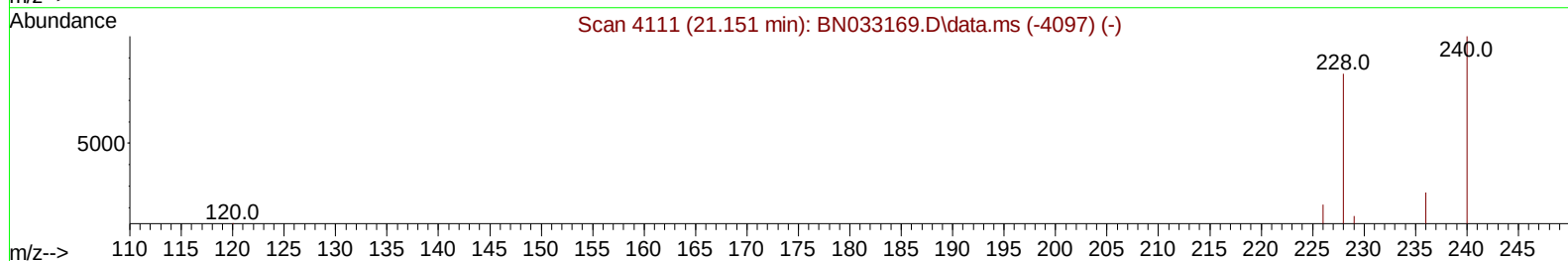
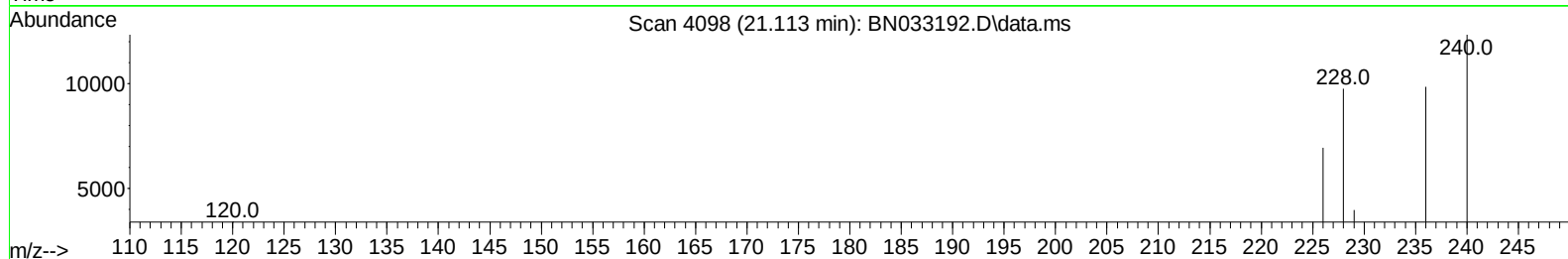
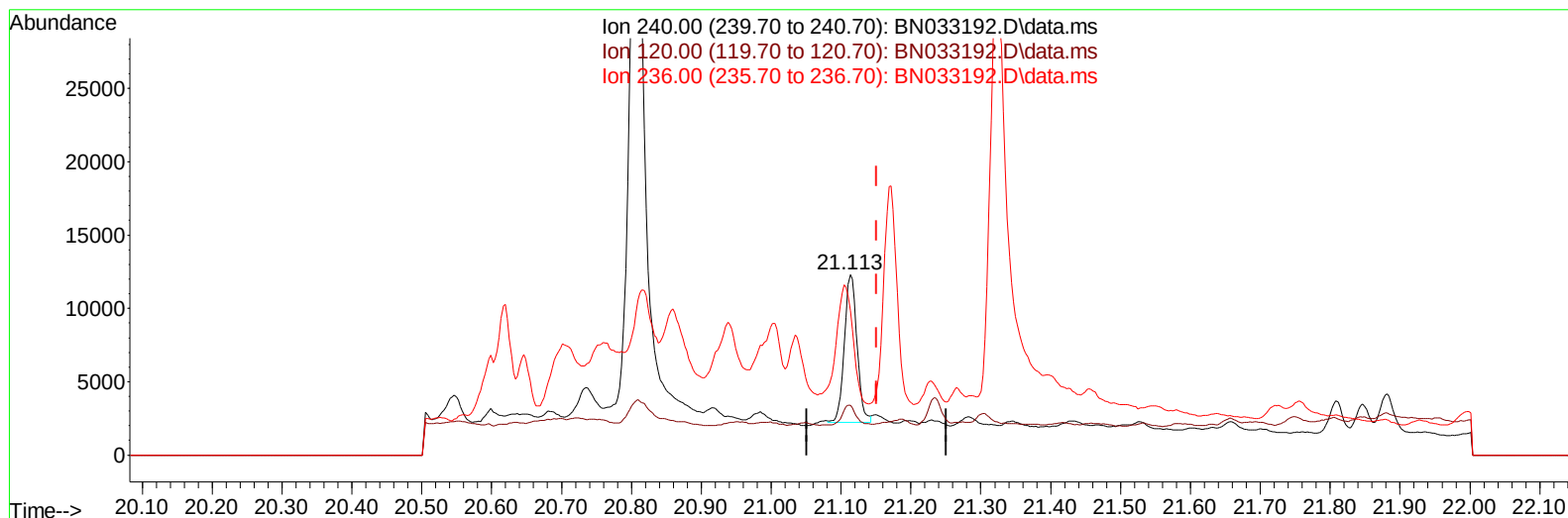
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033192.D
Acq On : 02 Aug 2024 06:57
Operator : MA/JU
Sample : P3378-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:25:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



TIC: BN033192.D\data.ms

(17) Chrysene-d12

21.113min (-0.038) 0.40 ng/ul m

response 12616

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	21.40	27.61#
236.00	29.50	79.77#
0.00	0.00	0.00

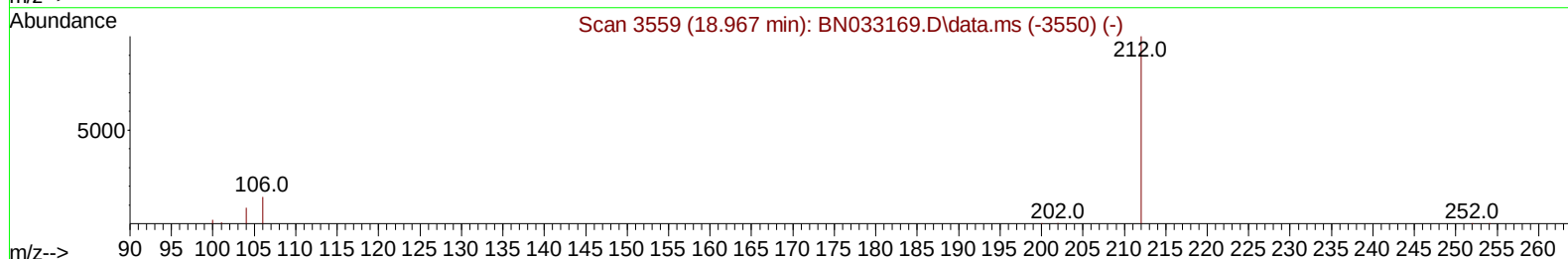
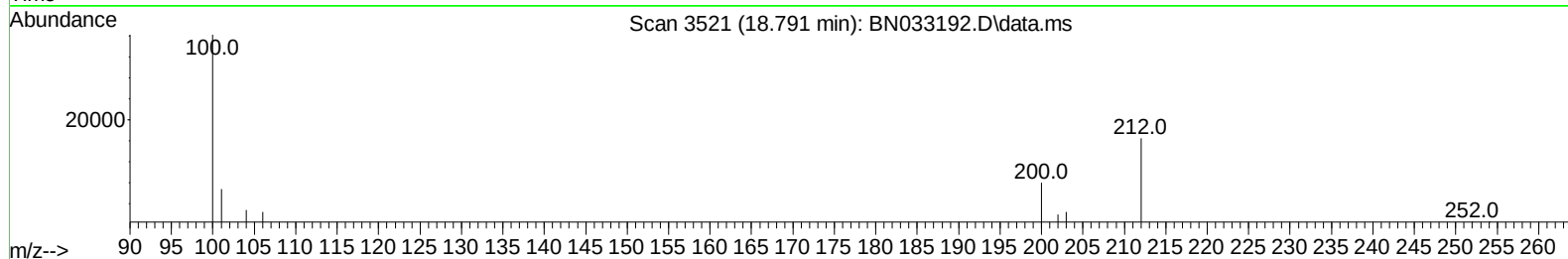
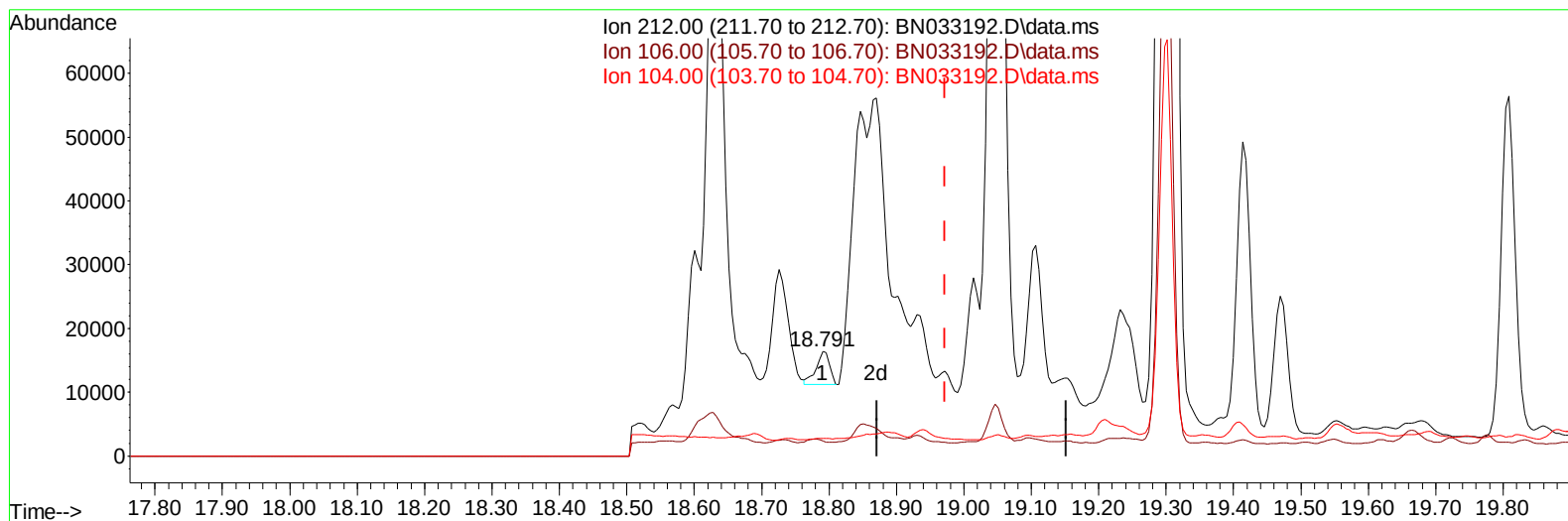
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033192.D
Acq On : 02 Aug 2024 06:57
Operator : MA/JU
Sample : P3378-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:25:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



TIC: BN033192.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.791min (-0.181) 0.20 ng/u1

response 7112

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.00	12.12
104.00	9.00	6.26#
0.00	0.00	0.00

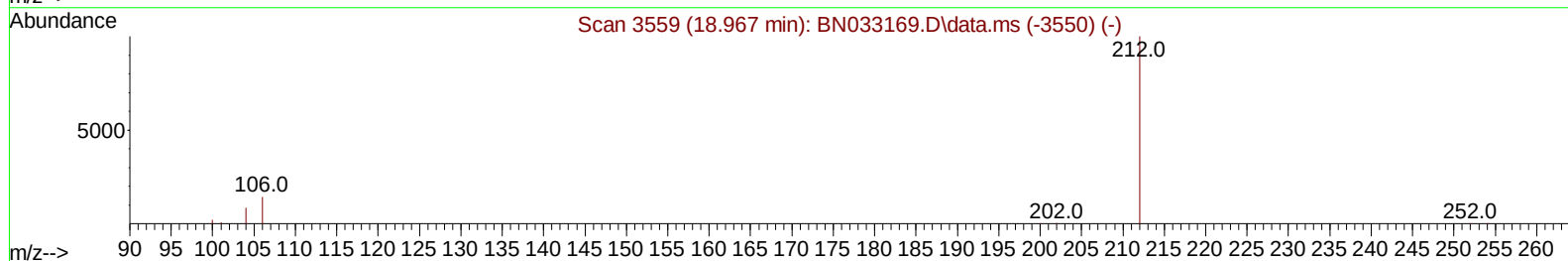
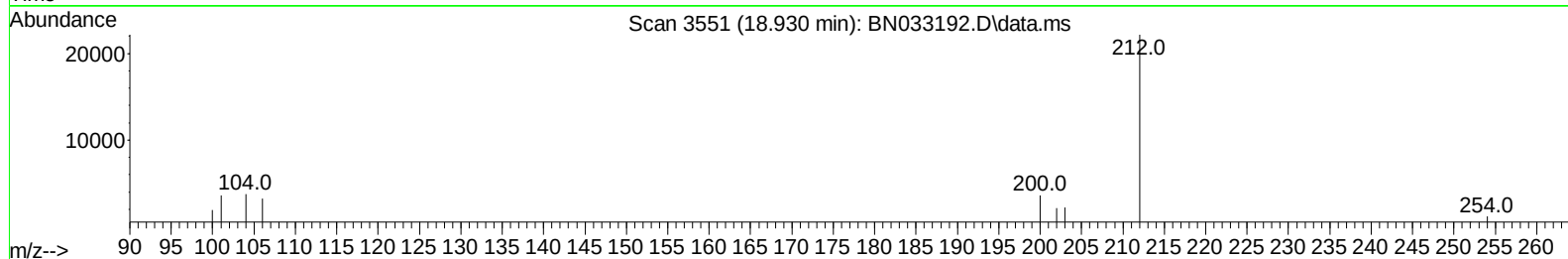
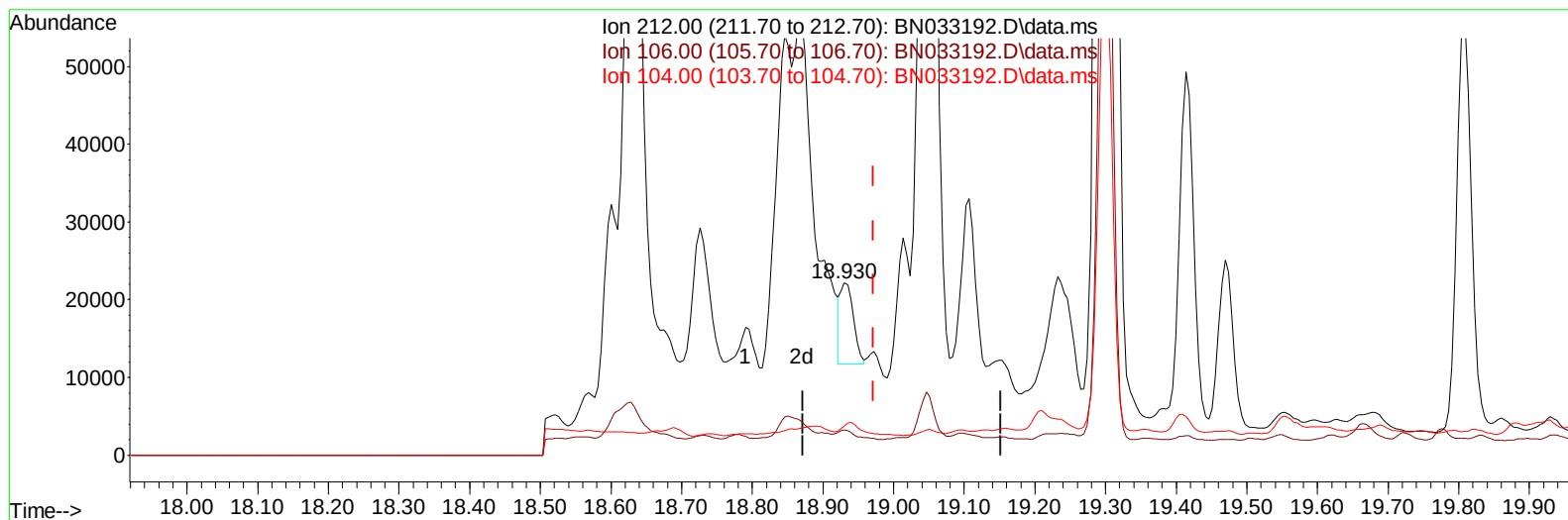
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033192.D
Acq On : 02 Aug 2024 06:57
Operator : MA/JU
Sample : P3378-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:25:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



TIC: BN033192.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.930min (-0.042) 0.37 ng/ul m

response 13368

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.00	6.45#
104.00	9.00	3.33#
0.00	0.00	0.00

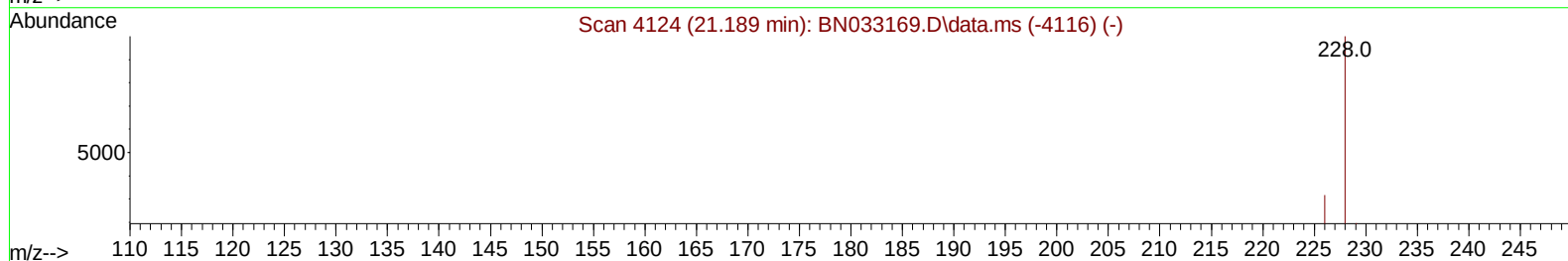
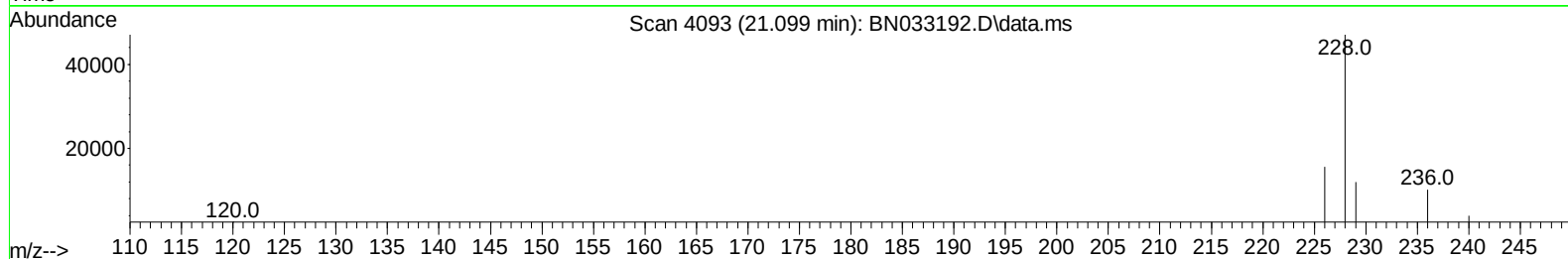
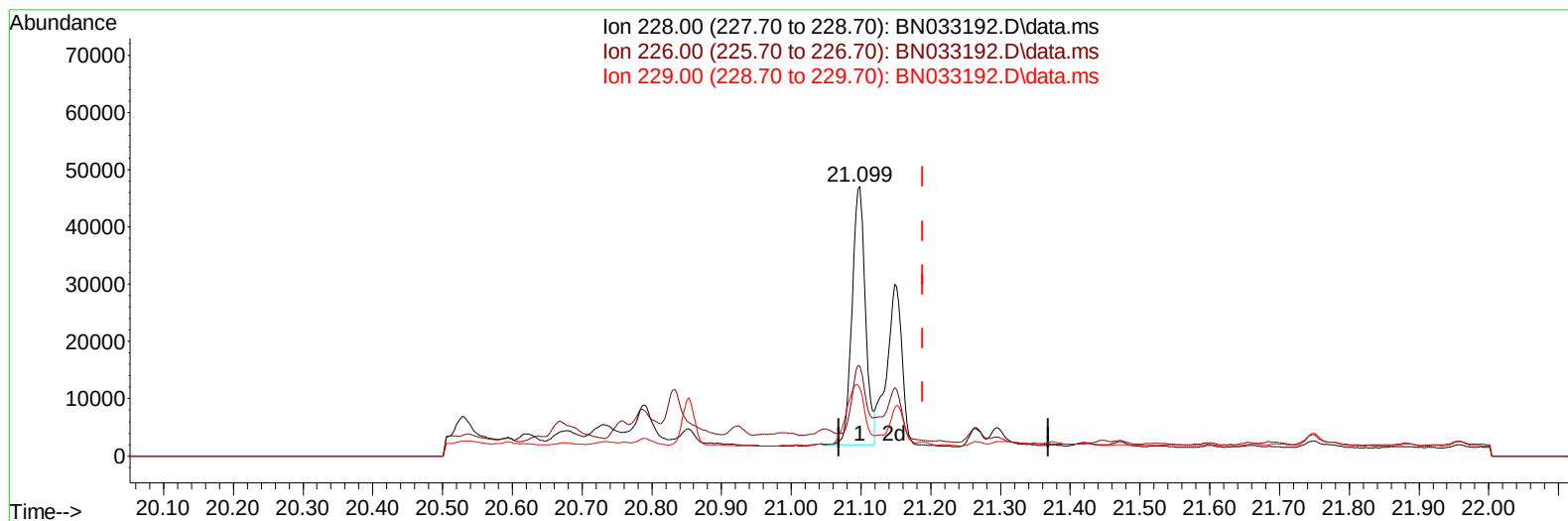
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033192.D
Acq On : 02 Aug 2024 06:57
Operator : MA/JU
Sample : P3378-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:25:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



TIC: BN033192.D\data.ms

(22) Chrysene

21.099min (-0.090) 1.19 ng/u1

response 59991

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.90	33.32
229.00	21.30	25.34
0.00	0.00	0.00

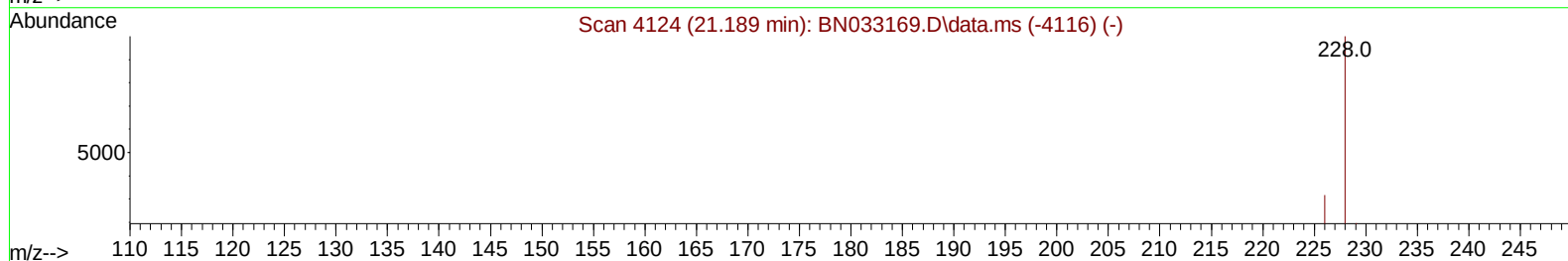
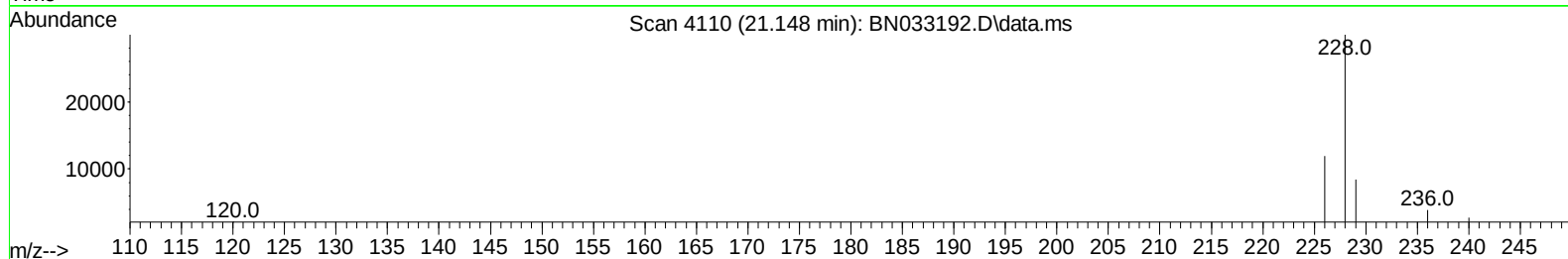
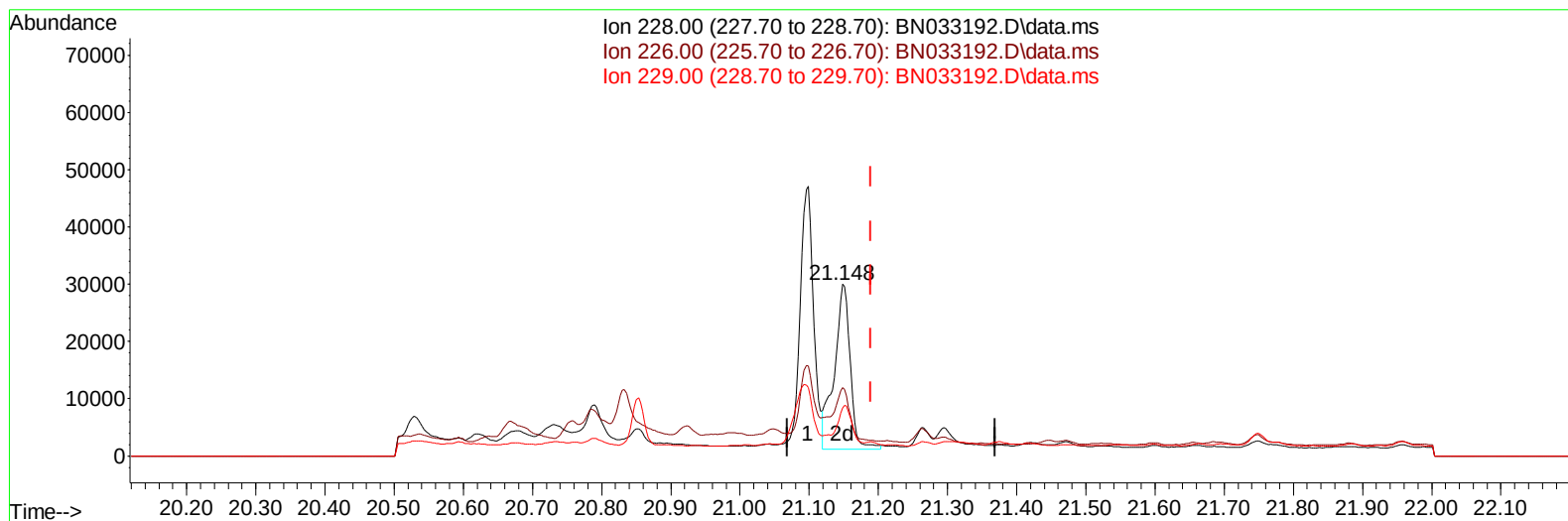
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
 Data File : BN033192.D
 Acq On : 02 Aug 2024 06:57
 Operator : MA/JU
 Sample : P3378-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AY7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:25:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 14:49:49 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/02/2024
 Supervised By :mohammad ahmed 08/03/2024



TIC: BN033192.D\data.ms

(22) Chrysene

21.148min (-0.041) 0.92 ng/ul m

response 46327

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.90	39.65#
229.00	21.30	28.14#
0.00	0.00	0.00

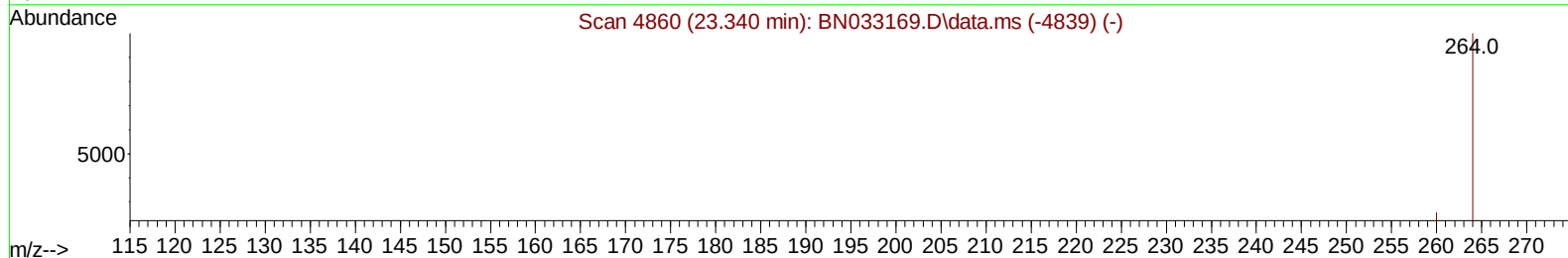
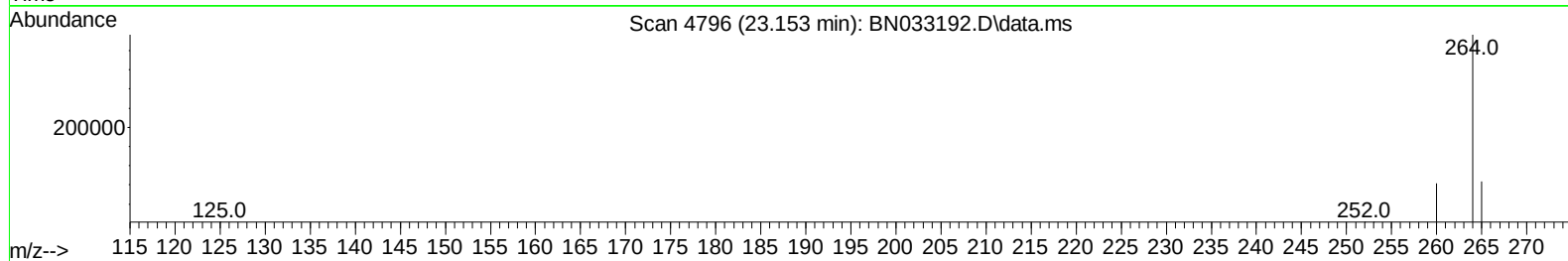
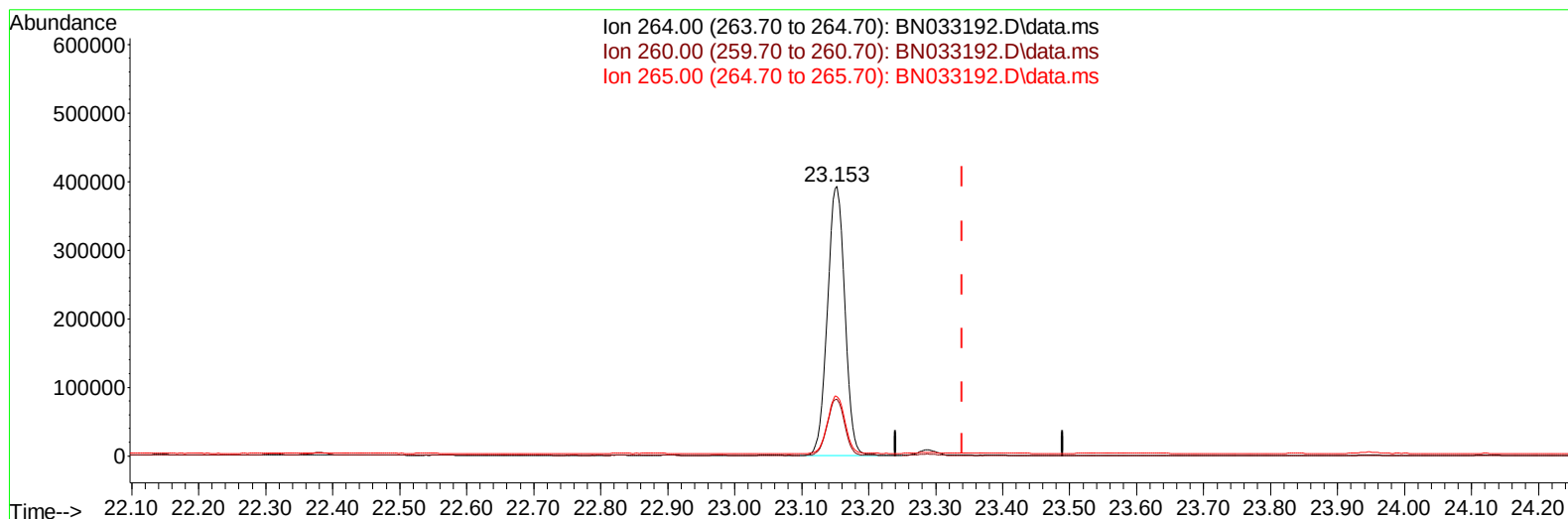
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033192.D
Acq On : 02 Aug 2024 06:57
Operator : MA/JU
Sample : P3378-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY7

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

Quant Time: Aug 02 07:25:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration



TIC: BN033192.D\data.ms

(23) Perylene-d12 (I)

23.153min (-0.187) 0.40 ng/u1

response 704638

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.50	21.12#
265.00	80.60	22.11#
0.00	0.00	0.00

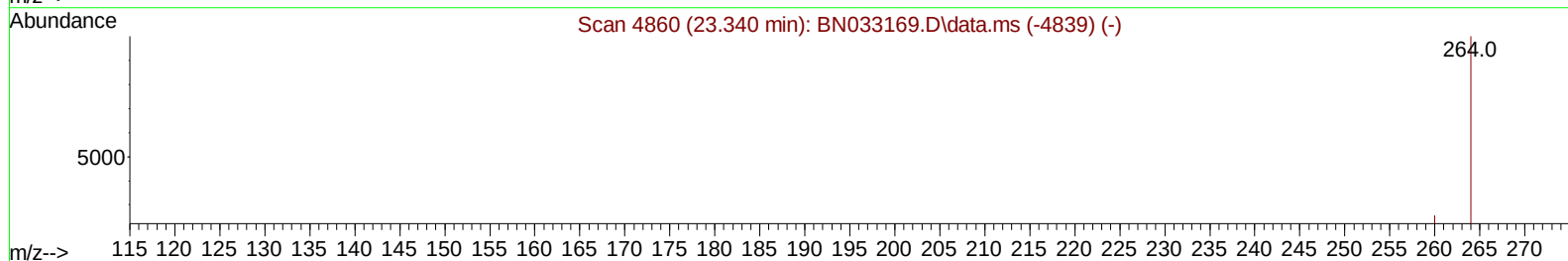
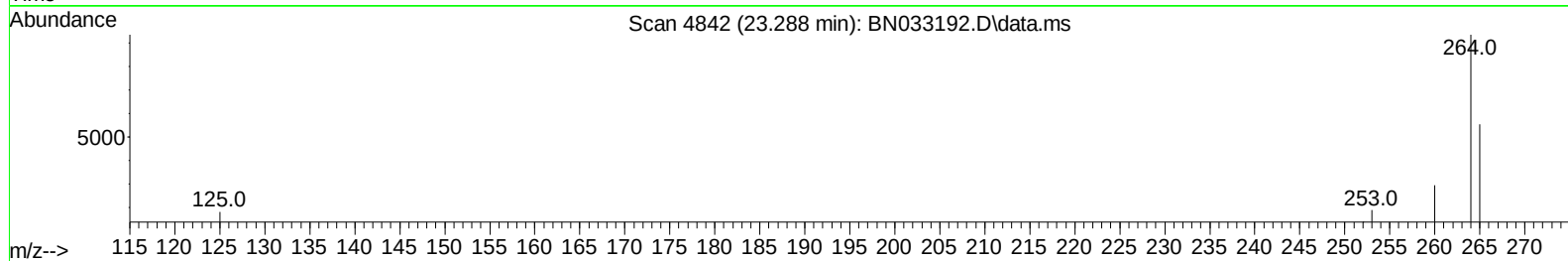
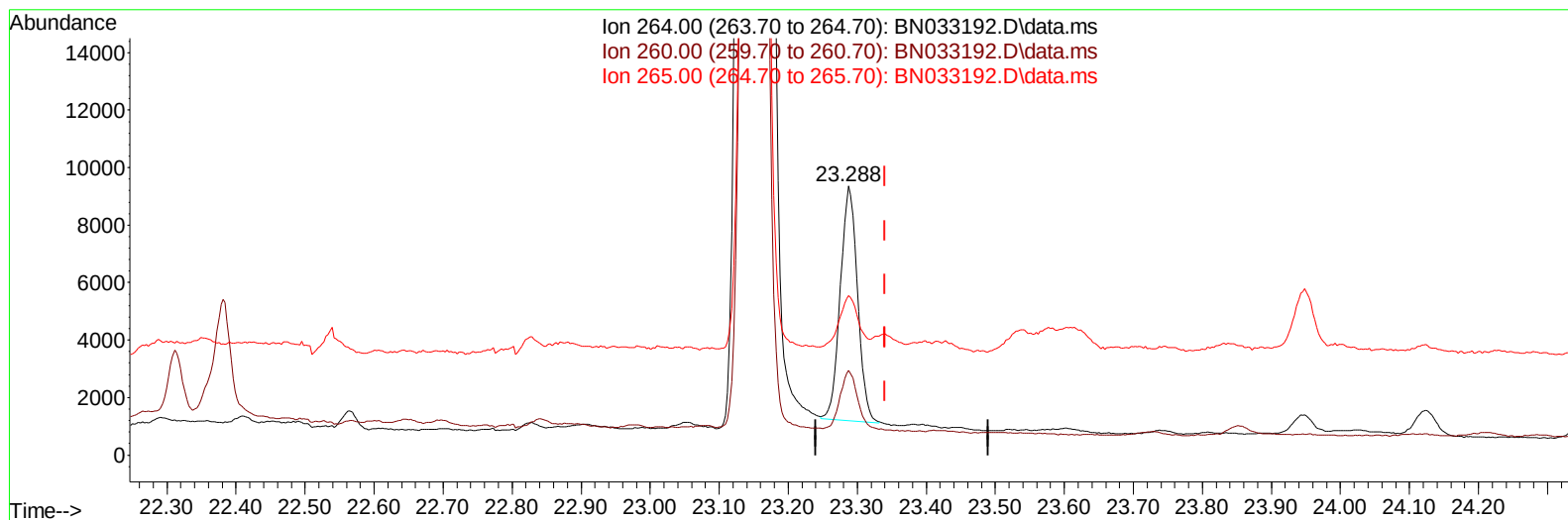
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033192.D
Acq On : 02 Aug 2024 06:57
Operator : MA/JU
Sample : P3378-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY7

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

Quant Time: Aug 02 07:25:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration



TIC: BN033192.D\data.ms

(23) Perylene-d12 (I)

23.288min (-0.052) 0.40 ng/ul m

response 14175

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.50	31.46
265.00	80.60	59.32#
0.00	0.00	0.00

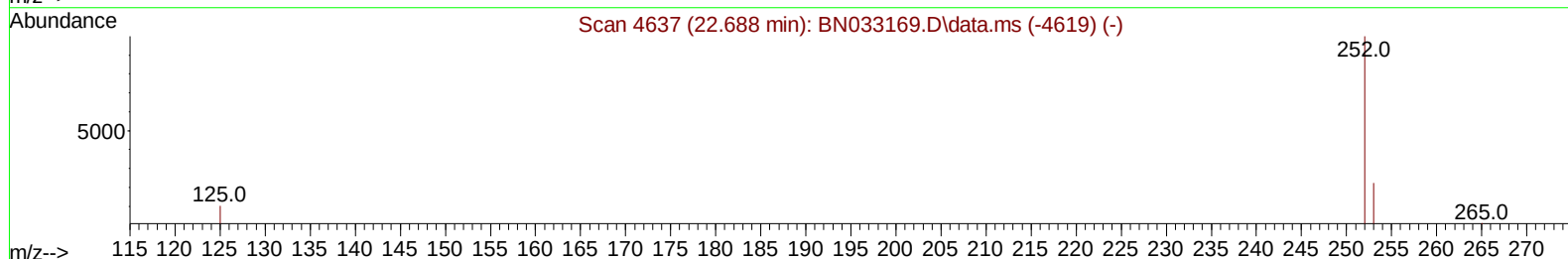
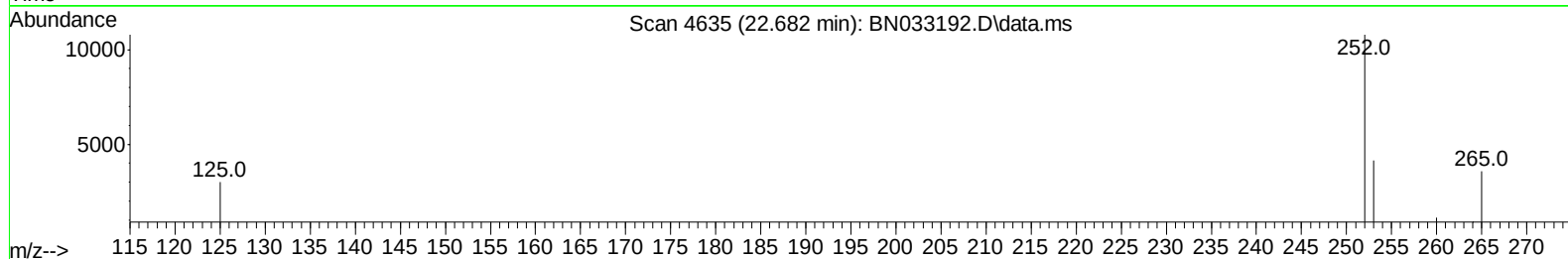
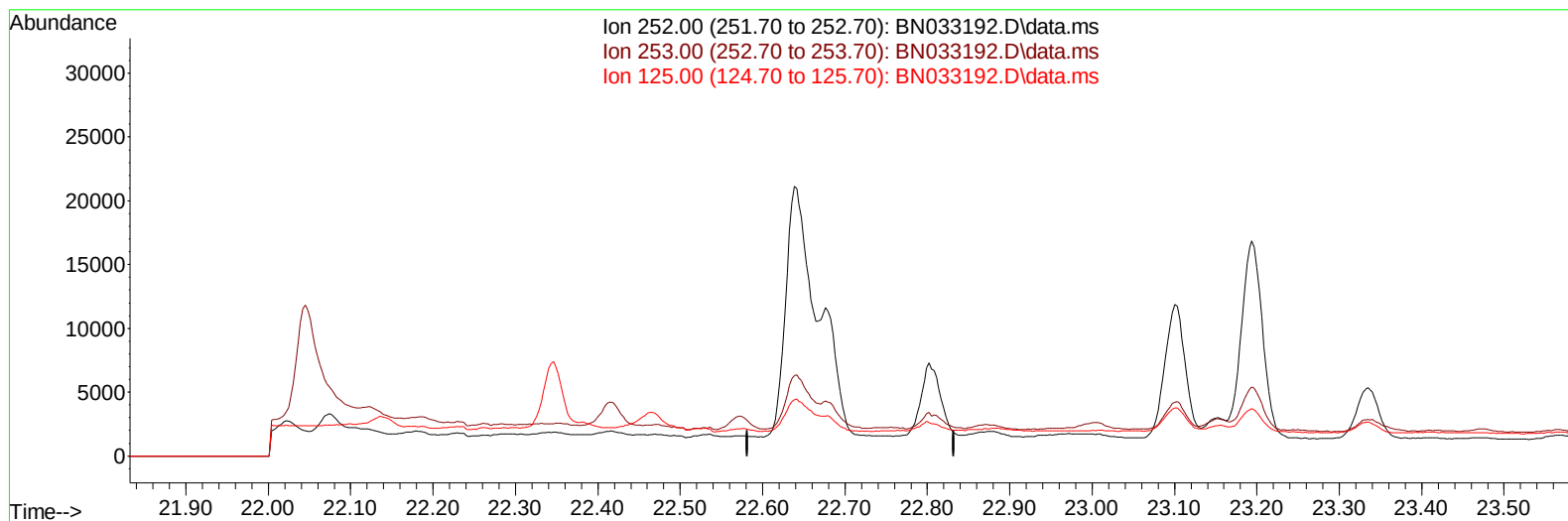
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033192.D
Acq On : 02 Aug 2024 06:57
Operator : MA/JU
Sample : P3378-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:25:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



TIC: BN033192.D\data.ms

(24) Benzo(b)fluoranthene

22.682min (-22.682) 0.00 ng/u1

response 0

Ion	Exp%	Act%
252.00	100.00	0.00
253.00	30.30	0.00
125.00	25.50	0.00
0.00	0.00	0.00

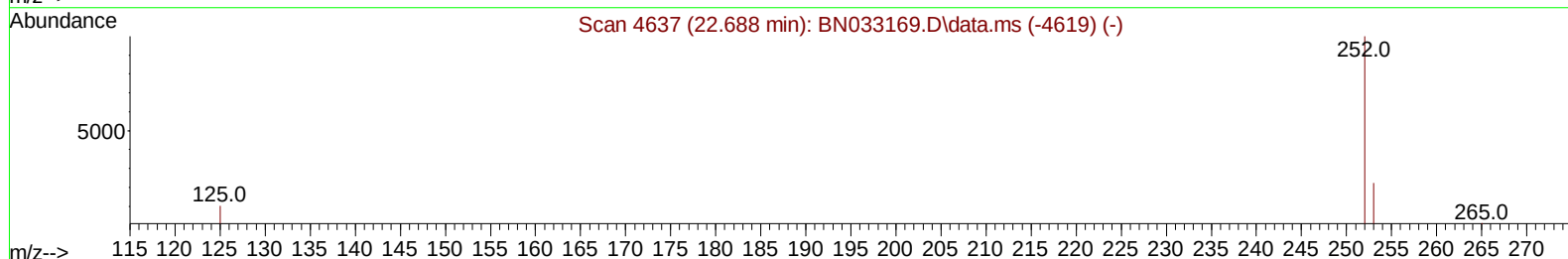
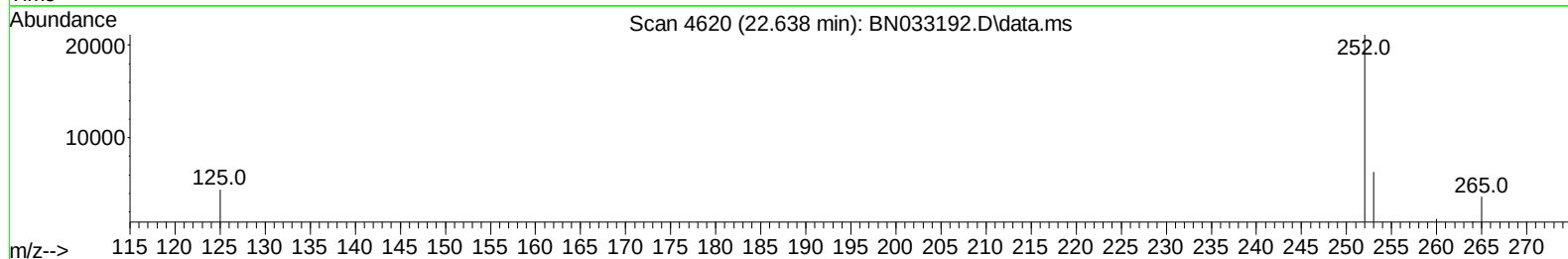
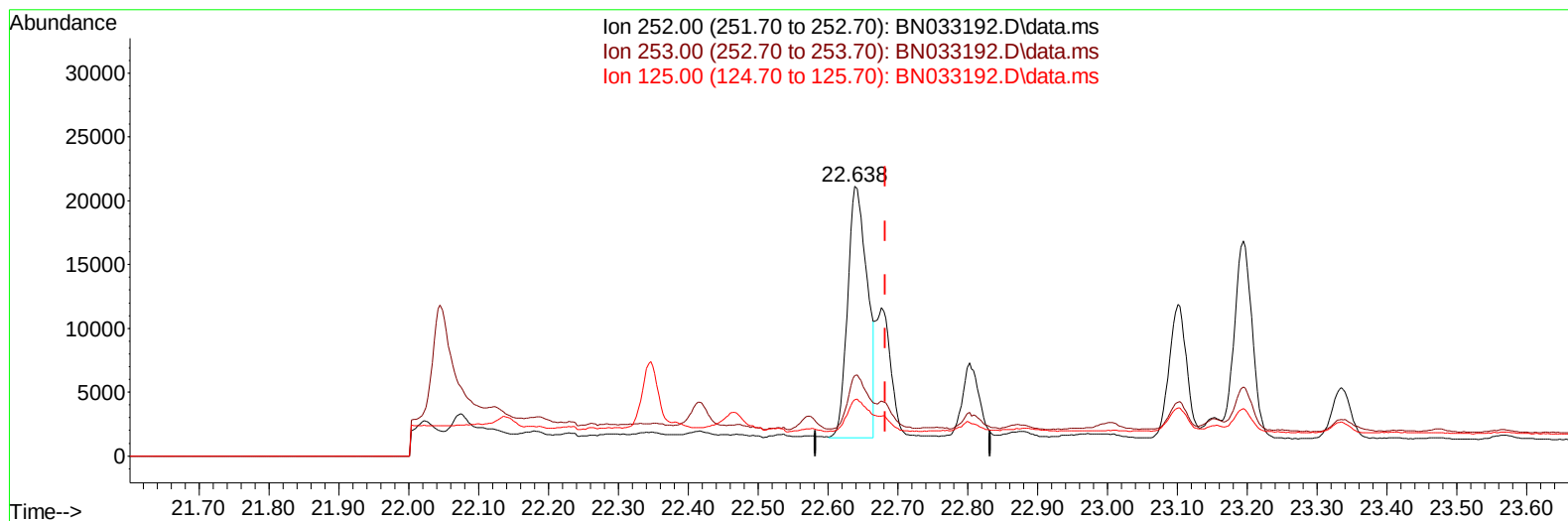
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033192.D
Acq On : 02 Aug 2024 06:57
Operator : MA/JU
Sample : P3378-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:25:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



TIC: BN033192.D\data.ms

(24) Benzo(b)fluoranthene

22.638min (-0.044) 0.93 ng/ul m

response 38532

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.30	29.90
125.00	25.50	20.91
0.00	0.00	0.00

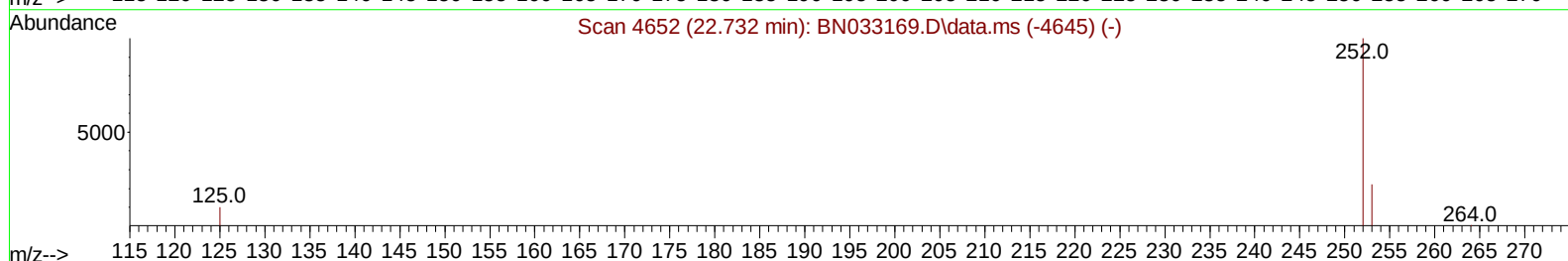
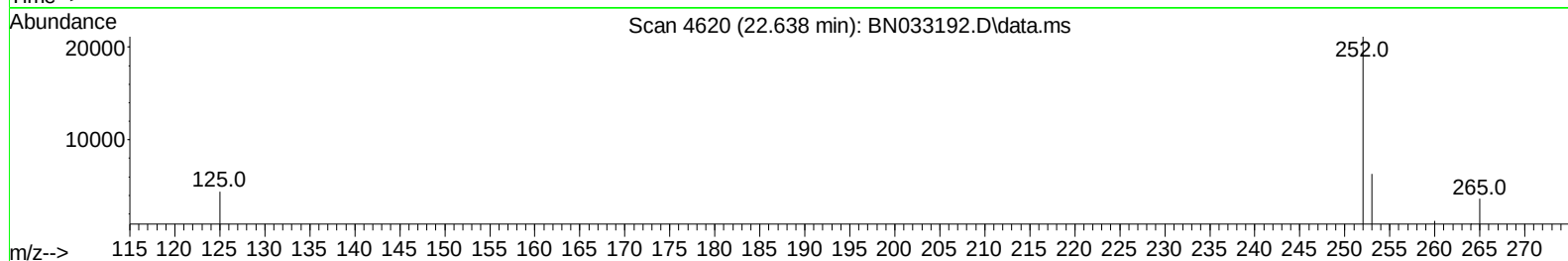
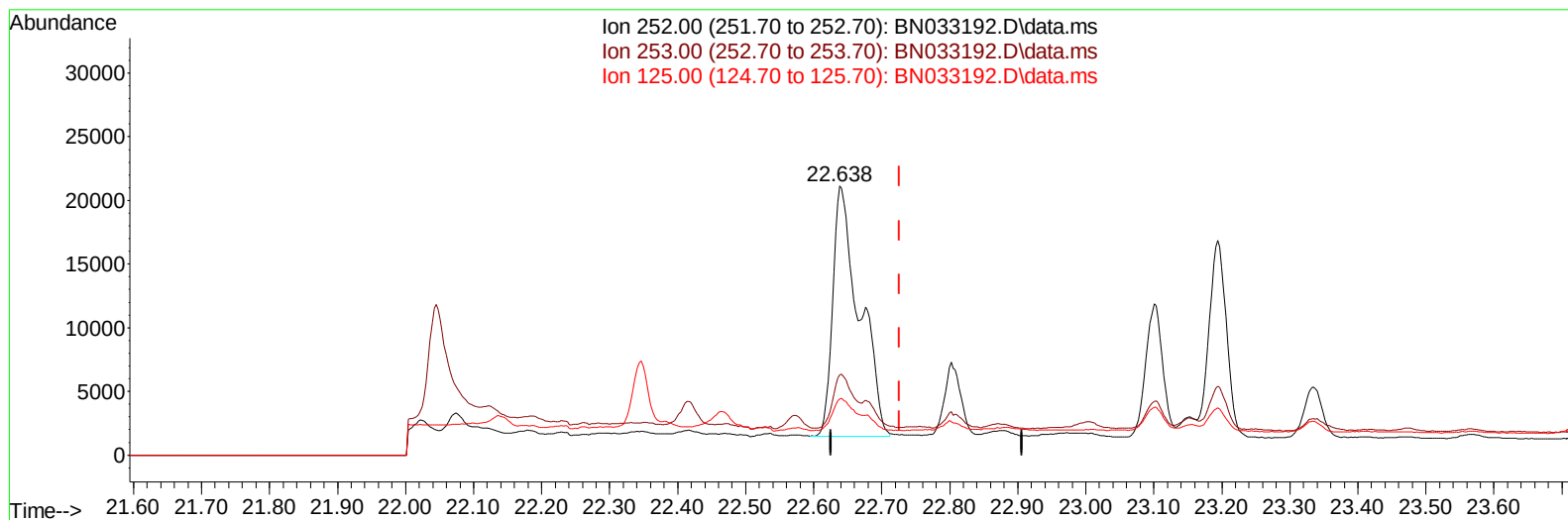
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033192.D
Acq On : 02 Aug 2024 06:57
Operator : MA/JU
Sample : P3378-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:25:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



TIC: BN033192.D\data.ms

(25) Benzo(k)fluoranthene

22.638min (-0.088) 1.08 ng/u1

response 53484

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.10	29.90
125.00	26.10	20.91
0.00	0.00	0.00

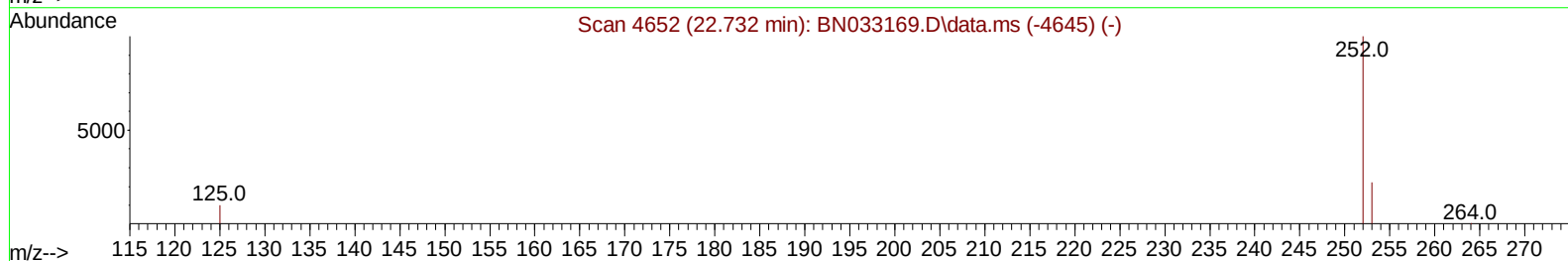
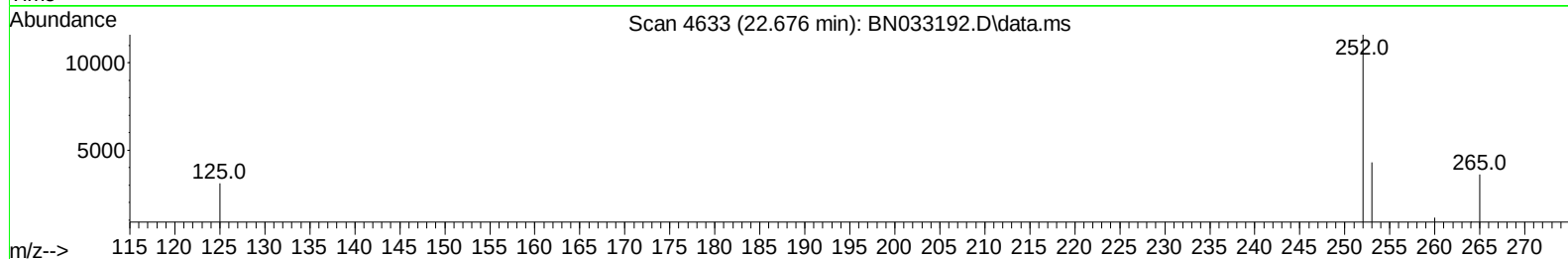
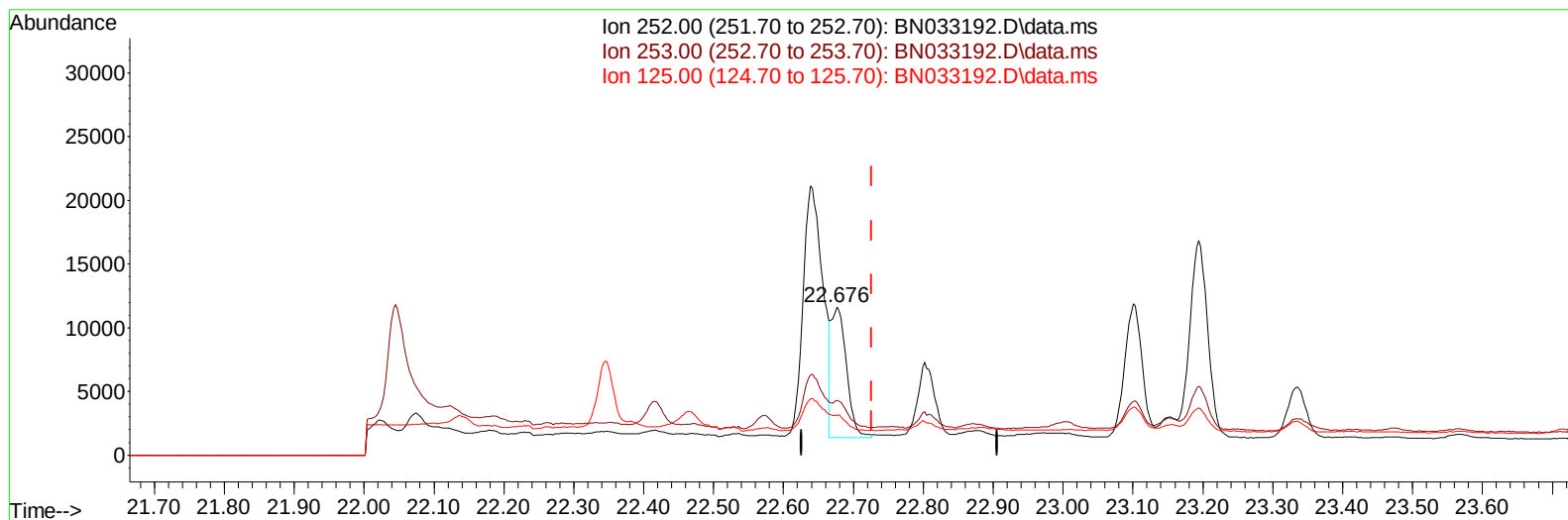
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033192.D
Acq On : 02 Aug 2024 06:57
Operator : MA/JU
Sample : P3378-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:25:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



TIC: BN033192.D\data.ms

(25) Benzo(k)fluoranthene

22.676min (-0.050) 0.31 ng/ul m

response 15611

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.10	36.98
125.00	26.10	26.88
0.00	0.00	0.00

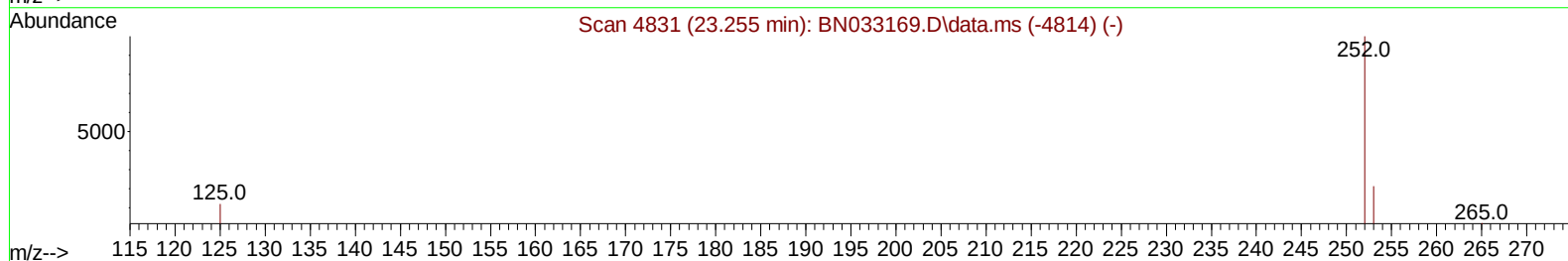
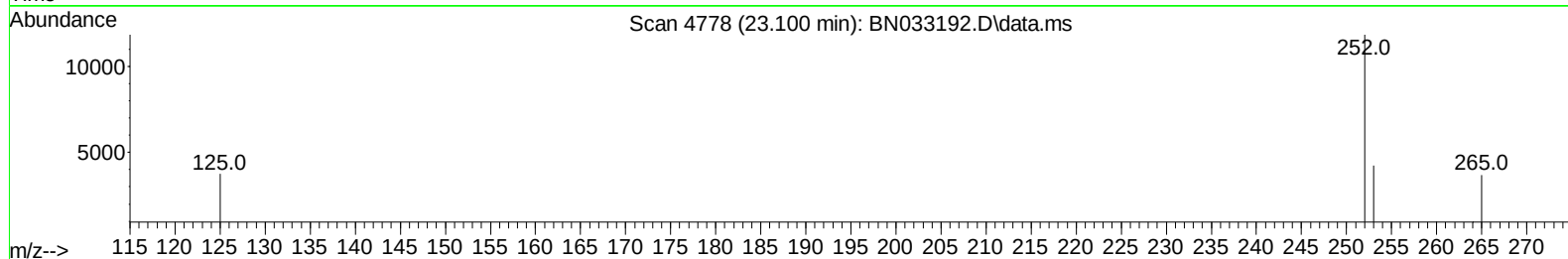
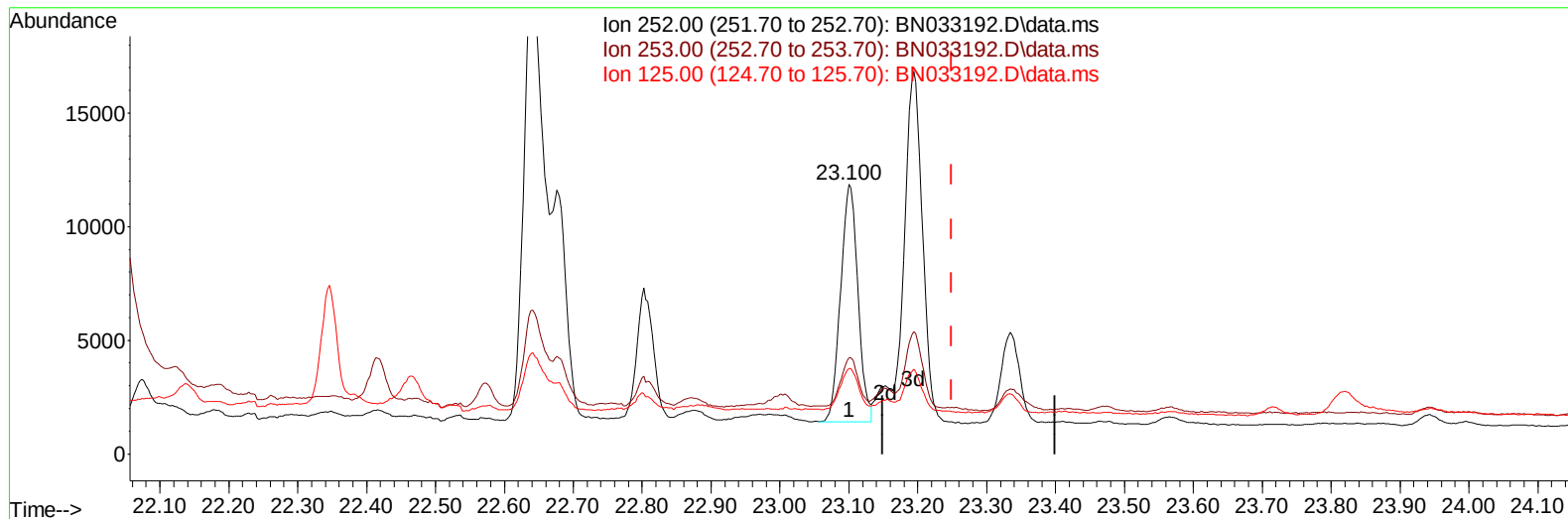
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033192.D
Acq On : 02 Aug 2024 06:57
Operator : MA/JU
Sample : P3378-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:25:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



TIC: BN033192.D\data.ms

(26) Benzo(a)pyrene (C)

23.100min (-0.149) 0.47 ng/u1

response 18303

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.40	35.72
125.00	33.80	31.63
0.00	0.00	0.00

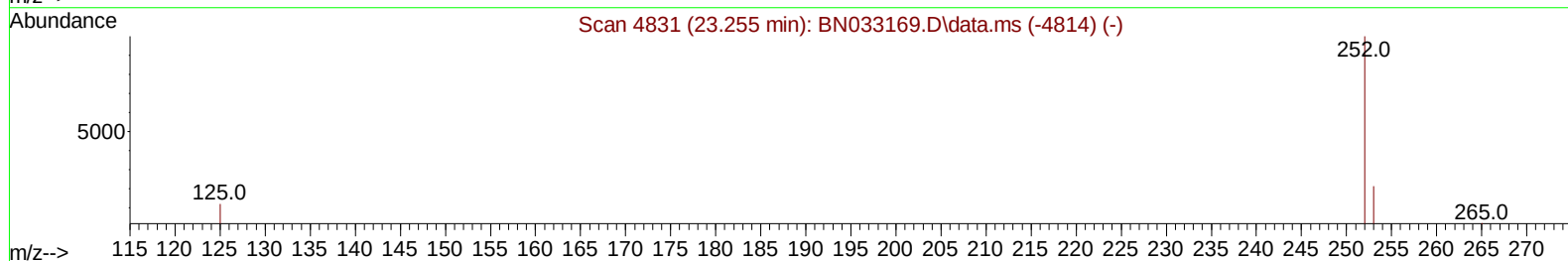
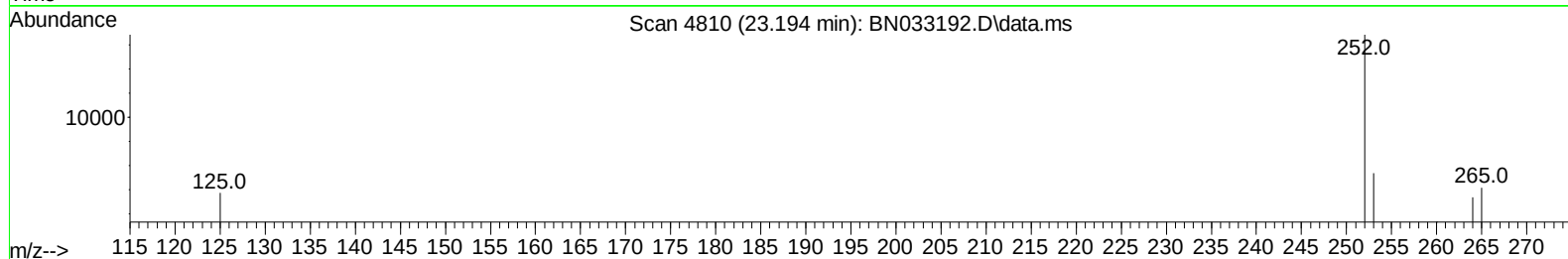
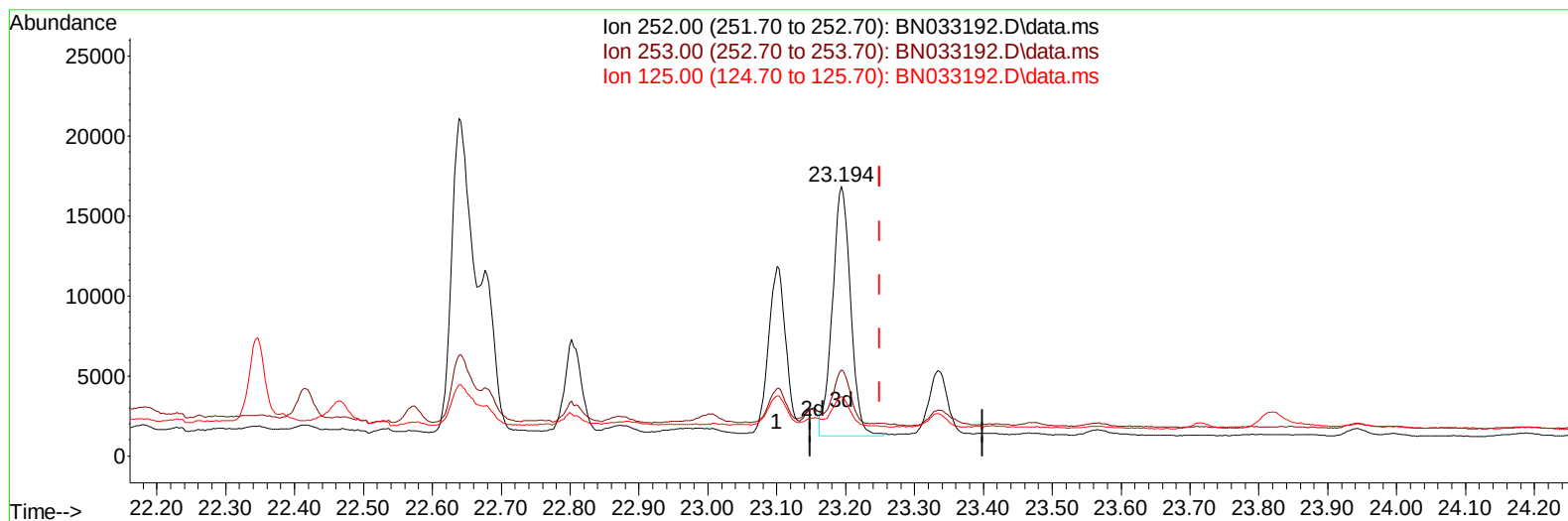
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033192.D
Acq On : 02 Aug 2024 06:57
Operator : MA/JU
Sample : P3378-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:25:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



TIC: BN033192.D\data.ms

(26) Benzo(a)pyrene (C)

23.194min (-0.055) 0.73 ng/ul m

response 28590

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.40	31.94
125.00	33.80	22.11#
0.00	0.00	0.00

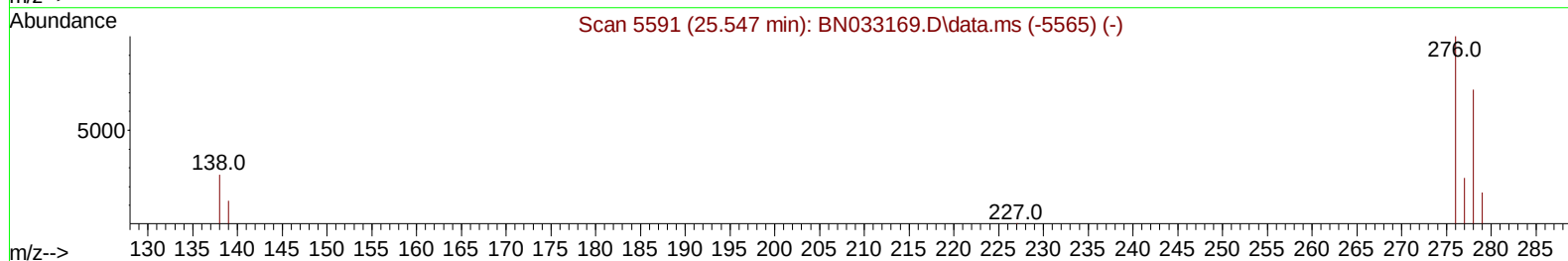
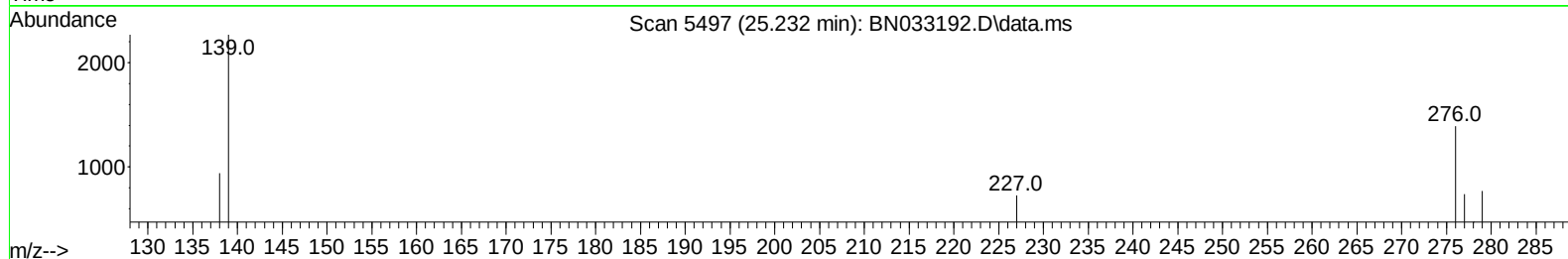
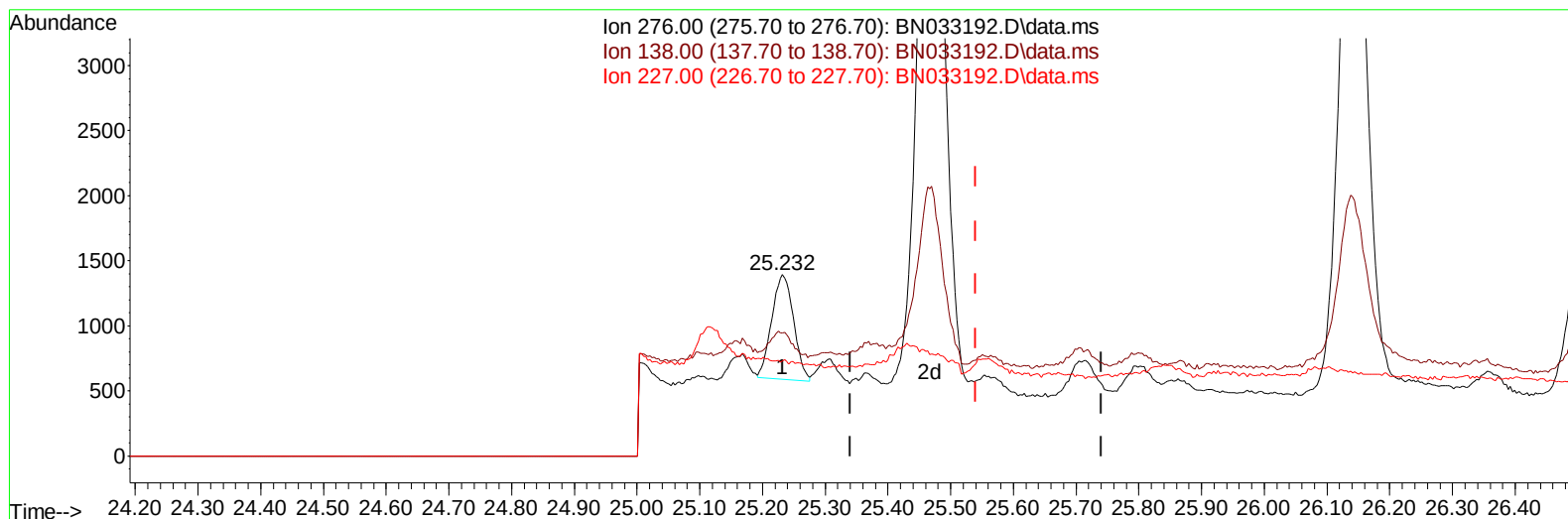
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033192.D
Acq On : 02 Aug 2024 06:57
Operator : MA/JU
Sample : P3378-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY7

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

Quant Time: Aug 02 07:25:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration



TIC: BN033192.D\data.ms

(27) Indeno(1,2,3-cd)pyrene

25.232min (-0.308) 0.03 ng/u1

response 1937

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.30	19.77#
227.00	0.20	0.00#
0.00	0.00	0.00

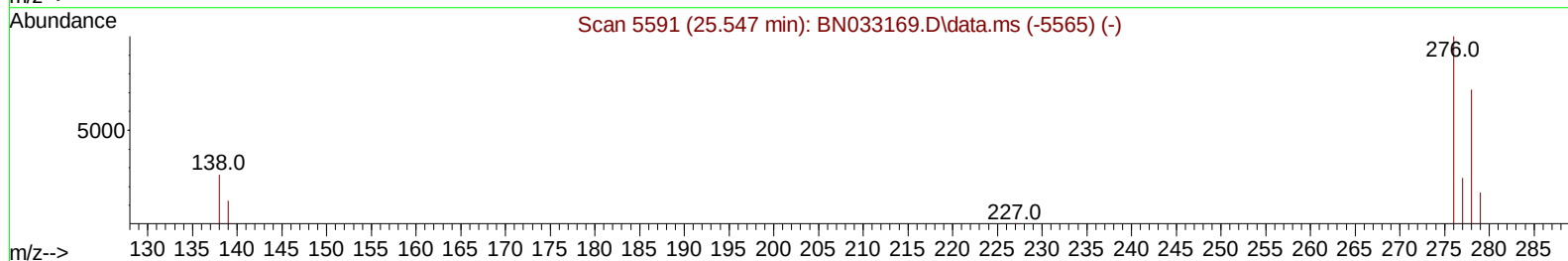
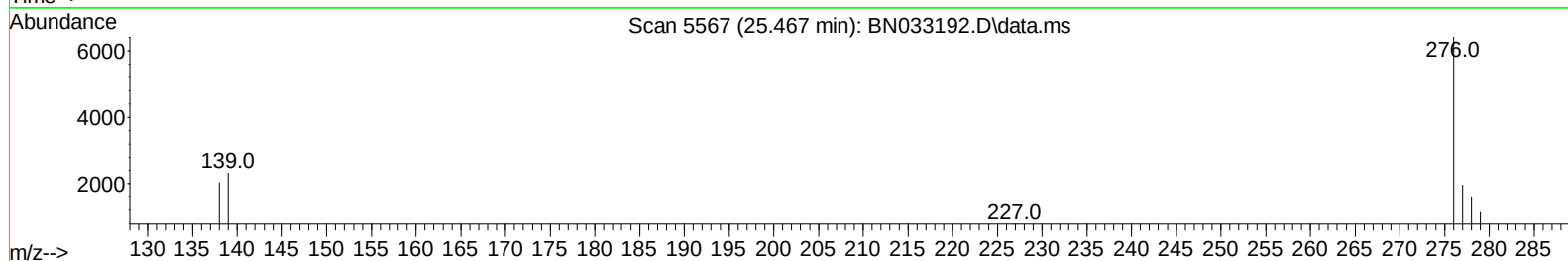
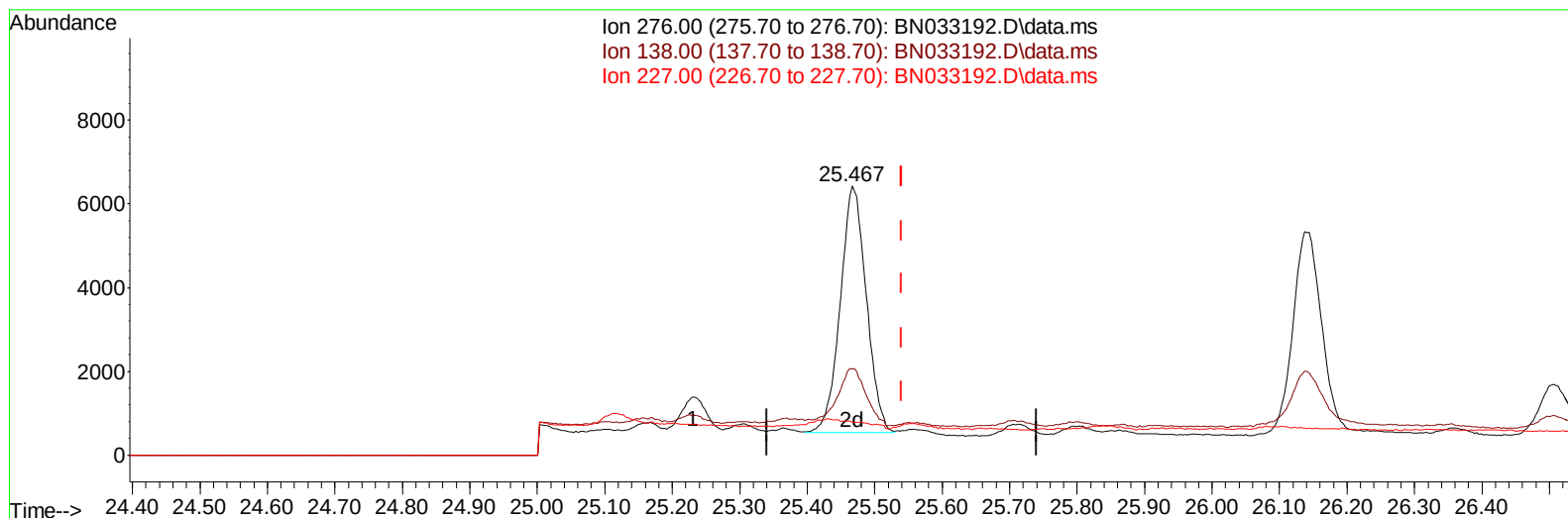
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
 Data File : BN033192.D
 Acq On : 02 Aug 2024 06:57
 Operator : MA/JU
 Sample : P3378-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AY7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:25:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
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 QLast Update : Tue Jul 30 14:49:49 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/02/2024
 Supervised By :mohammad ahmed 08/03/2024



TIC: BN033192.D\data.ms

(27) Indeno(1,2,3-cd)pyrene

25.467min (-0.074) 0.27 ng/ul m

response 15797

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.30	2.42#
227.00	0.20	0.00#
0.00	0.00	0.00

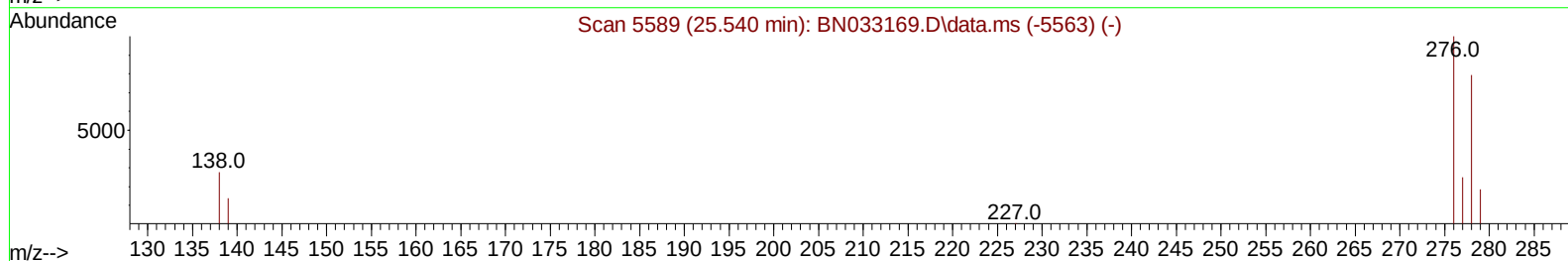
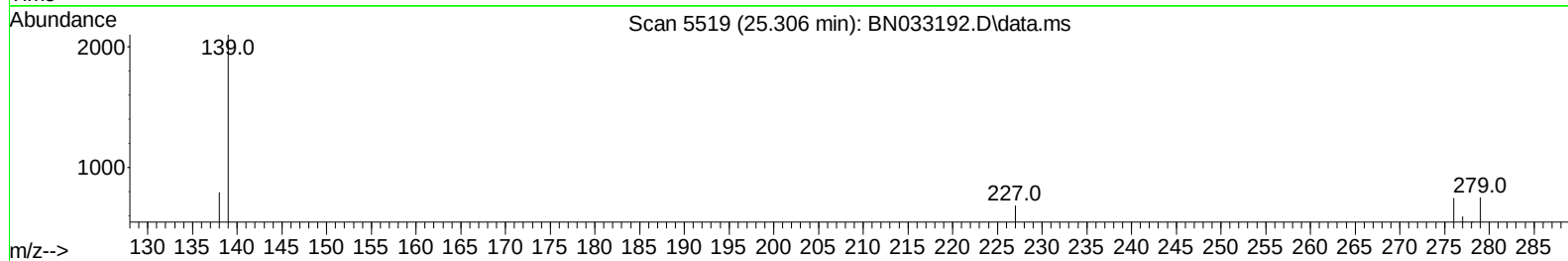
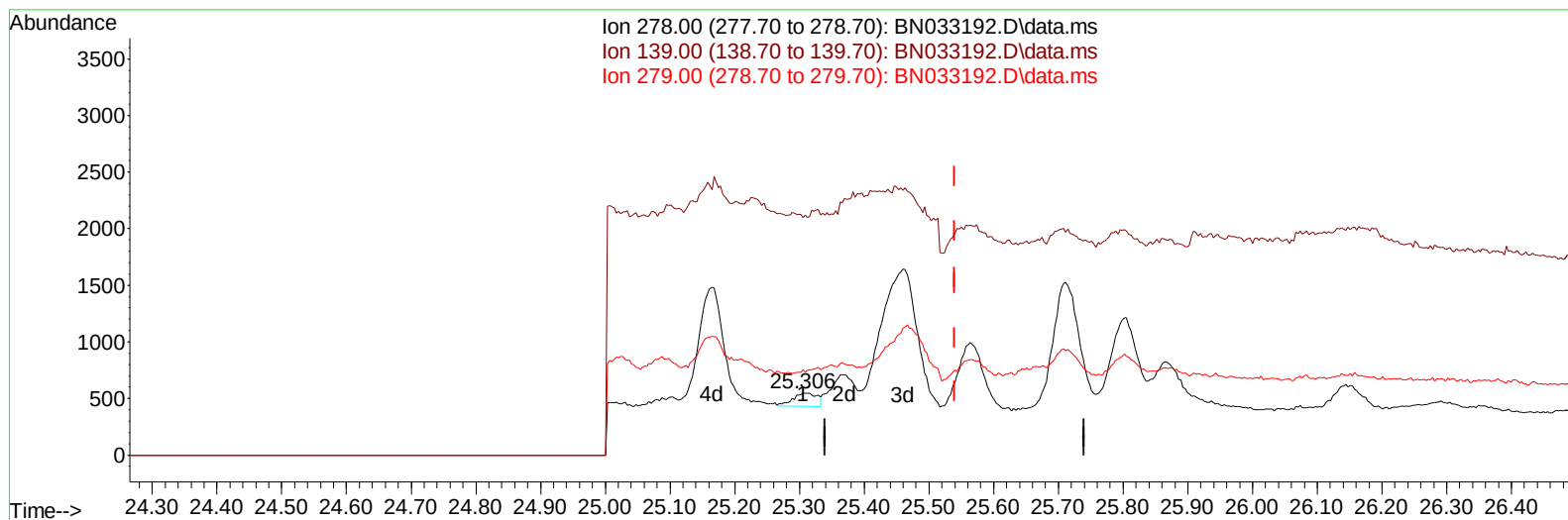
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033192.D
Acq On : 02 Aug 2024 06:57
Operator : MA/JU
Sample : P3378-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:25:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
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TIC: BN033192.D\data.ms

(28) Dibenzo(a,h)anthracene

25.306min (-0.235) 0.01 ng/u1

response 307

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	28.10	382.51#
279.00	31.90	137.52#
0.00	0.00	0.00

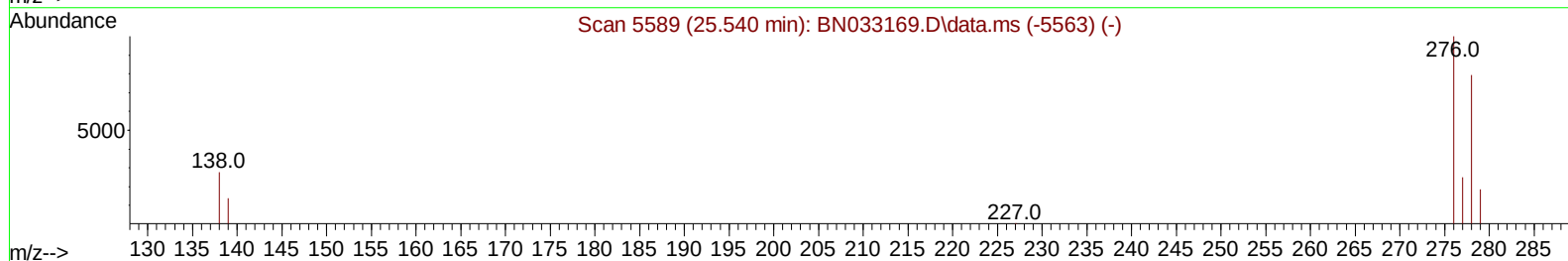
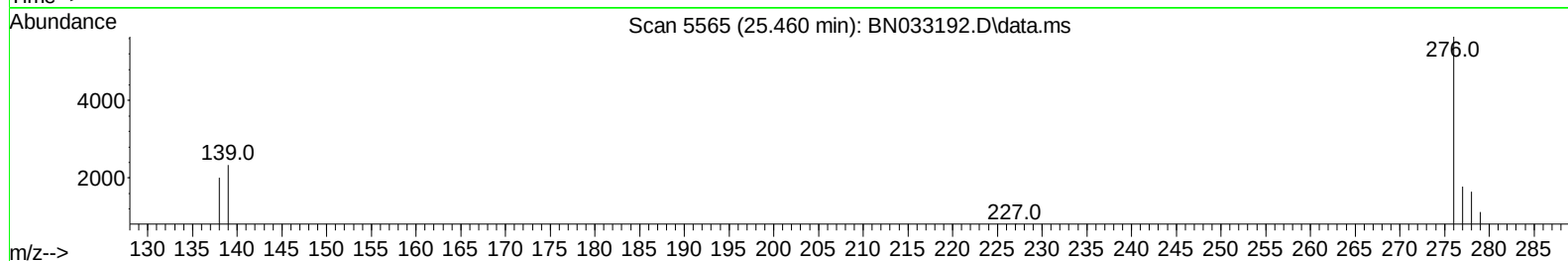
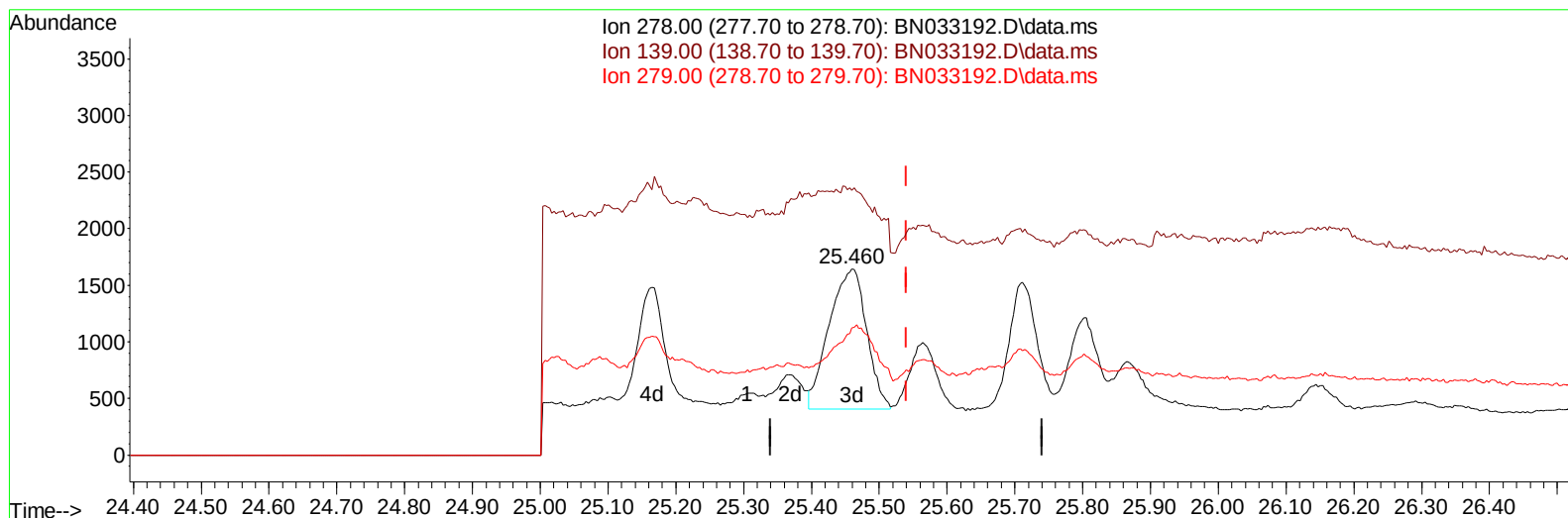
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033192.D
Acq On : 02 Aug 2024 06:57
Operator : MA/JU
Sample : P3378-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:25:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
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Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



TIC: BN033192.D\data.ms

(28) Dibenzo(a,h)anthracene

25.460min (-0.080) 0.10 ng/ul m

response 4715

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	28.10	142.07#
279.00	31.90	68.27#
0.00	0.00	0.00

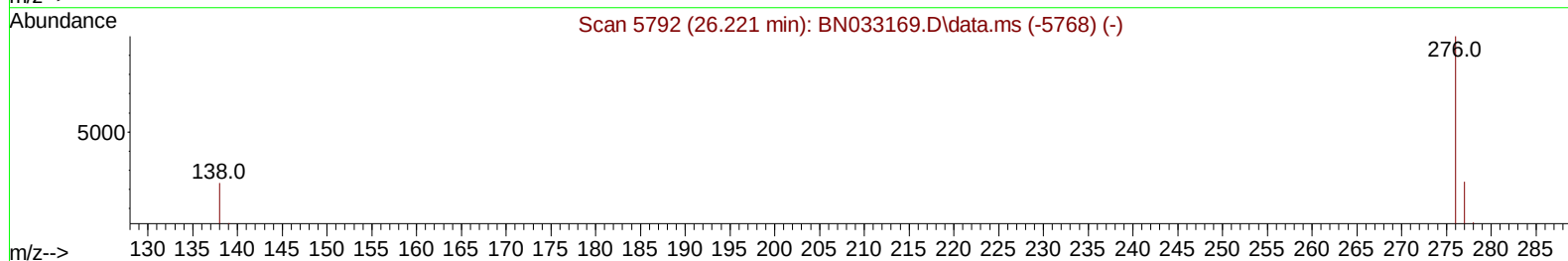
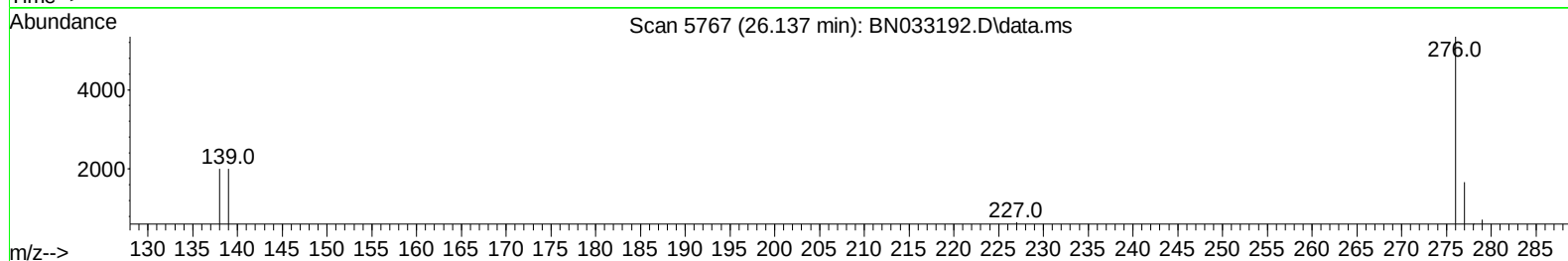
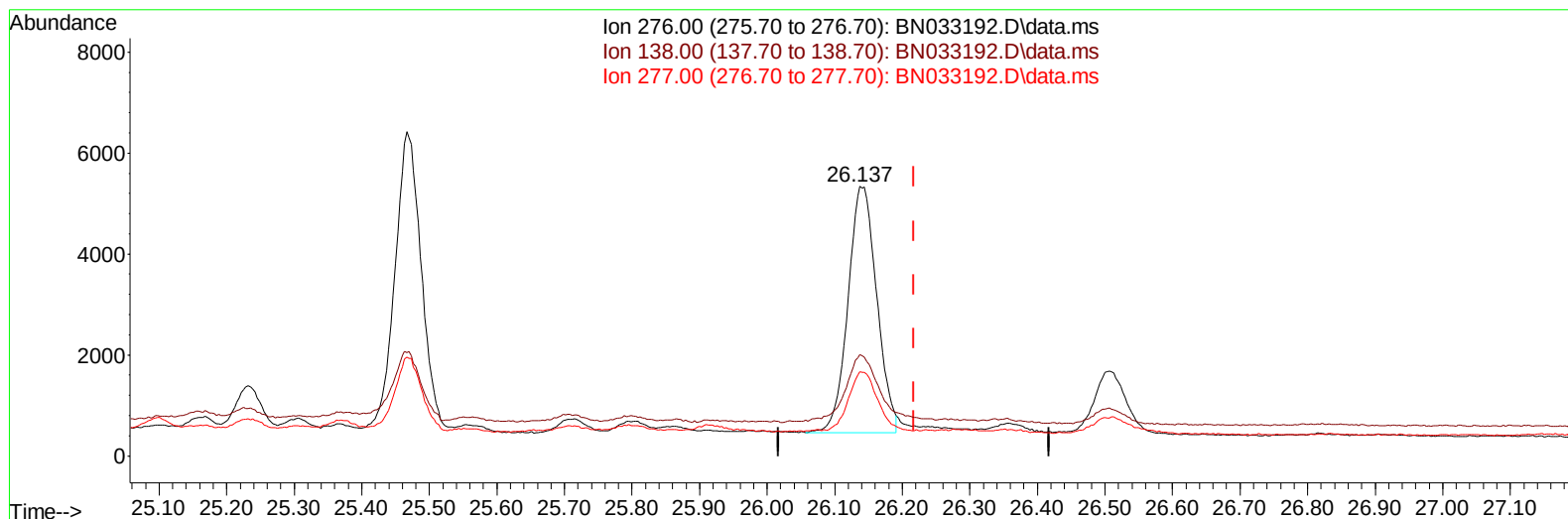
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033192.D
Acq On : 02 Aug 2024 06:57
Operator : MA/JU
Sample : P3378-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:25:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



TIC: BN033192.D\data.ms

(29) Benzo(g,h,i)perylene

26.137min (-0.080) 0.31 ng/u1

response 14410

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	30.80	37.50#
277.00	28.30	31.21
0.00	0.00	0.00

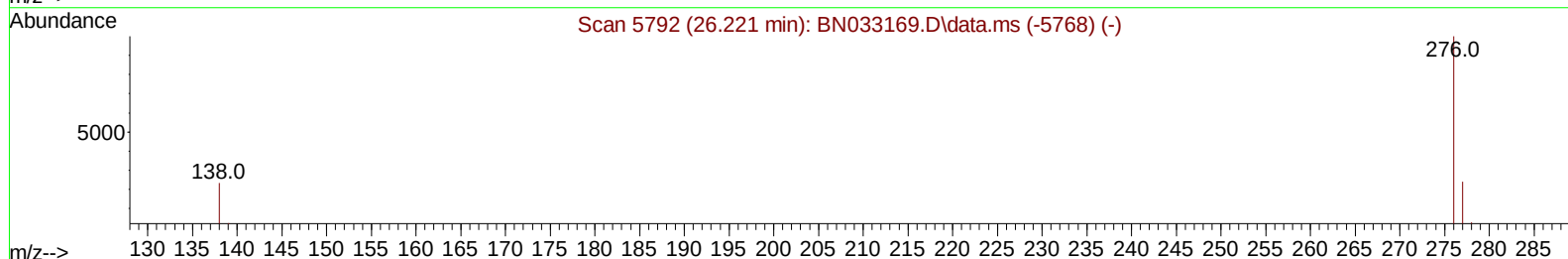
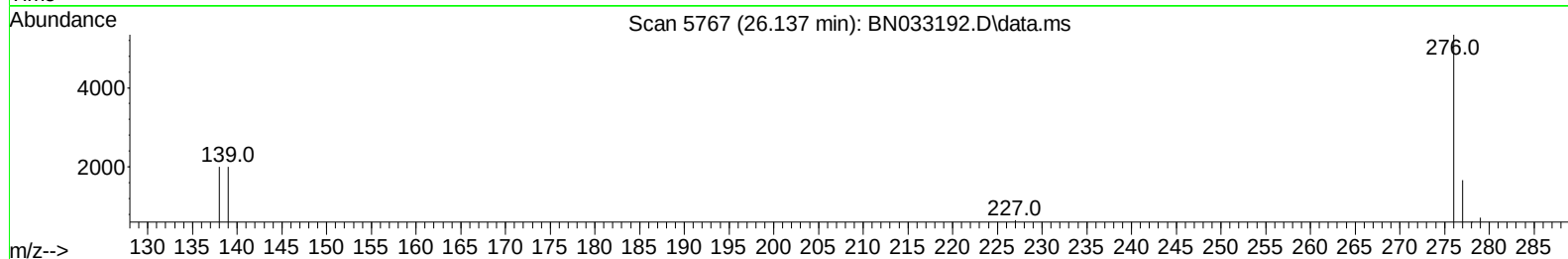
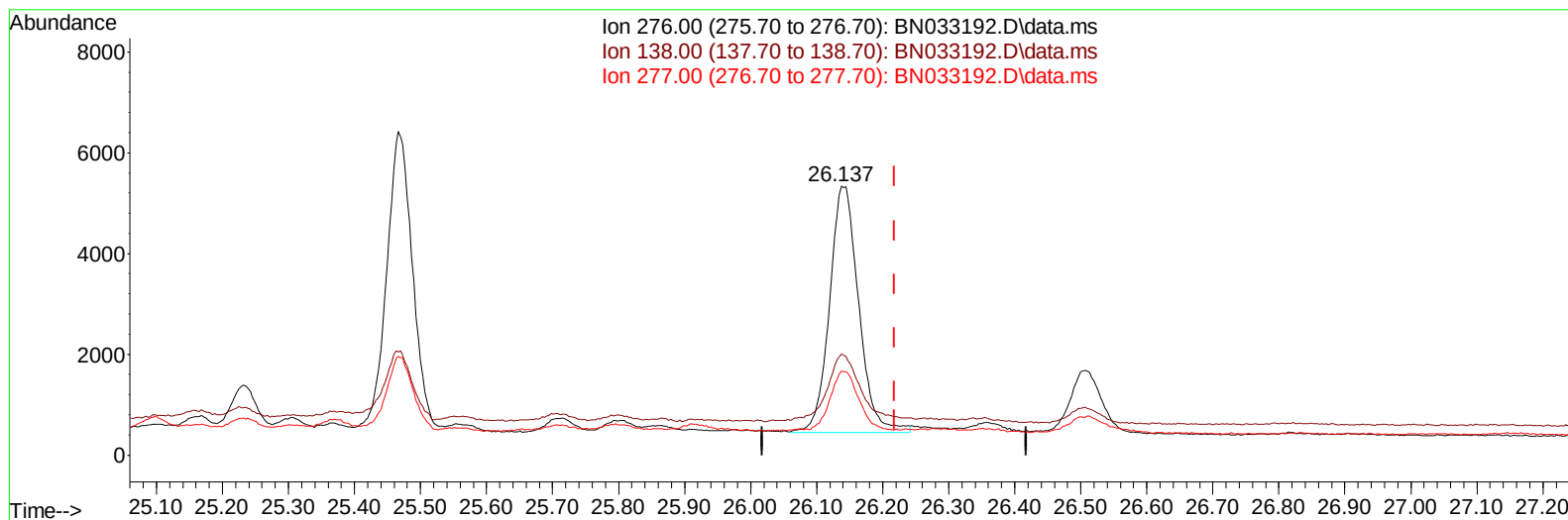
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033192.D
Acq On : 02 Aug 2024 06:57
Operator : MA/JU
Sample : P3378-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY7

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

Quant Time: Aug 02 07:25:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
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TIC: BN033192.D\data.ms

(29) Benzo(g,h,i)perylene

26.137min (-0.080) 0.32 ng/ul m

response 15091

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	30.80	37.50#
277.00	28.30	31.21
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
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 Operator : MA/JU
 Sample : P3378-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.461	152	4004m	0.400	ng/ul	-0.09
4) Naphthalene-d8	10.179	136	150770m	0.400	ng/ul	-0.14
9) Acenaphthene-d10	14.097	164	14257m	0.400	ng/ul	-0.06
13) Phenanthrene-d10	16.886	188	17973m	0.400	ng/ul	-0.05
17) Chrysene-d12	21.113	240	12616m	0.400	ng/ul	-0.04
23) Perylene-d12	23.288	264	14175m	0.400	ng/ul	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.048	96	19251	3.801	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.835	152	6283	0.026	ng/ul	-0.09
18) Fluoranthene-d10	18.930	212	13368m	0.374	ng/ul	-0.04
Target Compounds						
						Qvalue
5) Naphthalene	10.383	128	74056403	191.271	ng/ul	97
7) 2-Methylnaphthalene	11.934	142	11047444	42.120	ng/ul	93
8) 1-Methylnaphthalene	12.154	142	7314984	25.790	ng/ul	95
10) Acenaphthylene	13.838	152	196432	3.367	ng/ul#	92
11) Acenaphthene	14.189	153	4077214	92.899	ng/ul	98
12) Fluorene	15.184	166	3018251	59.004	ng/ul	98
15) Phenanthrene	16.933	178	4216482m	87.464	ng/ul	
16) Anthracene	17.021	178	829813m	19.145	ng/ul	
19) Fluoranthene	18.963	202	573025	13.795	ng/ul	96
20) Pyrene	19.330	202	330903	7.428	ng/ul	98
21) Benzo(a)anthracene	21.099	228	59991	1.394	ng/ul	91
22) Chrysene	21.148	228	46327m	0.922	ng/ul	
24) Benzo(b)fluoranthene	22.638	252	38532m	0.931	ng/ul	
25) Benzo(k)fluoranthene	22.676	252	15611m	0.315	ng/ul	
26) Benzo(a)pyrene	23.194	252	28590m	0.734	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.467	276	15797m	0.267	ng/ul	
28) Dibenzo(a,h)anthracene	25.460	278	4715m	0.100	ng/ul	
29) Benzo(g,h,i)perylene	26.137	276	15091m	0.321	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033192.D
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Operator : MA/JU
Sample : P3378-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY7

Manual IntegrationsAPPROVED

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