

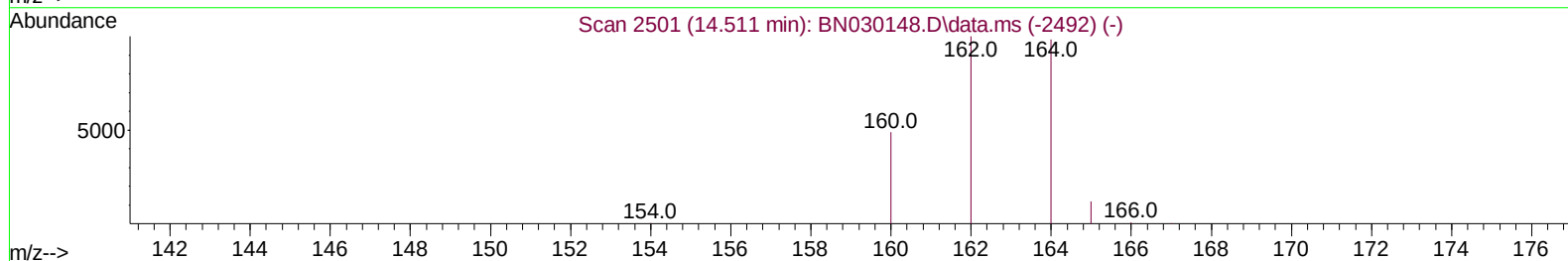
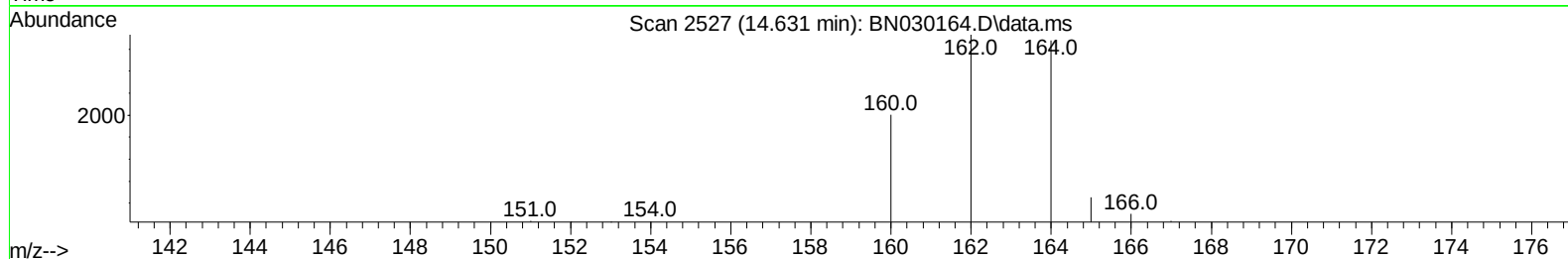
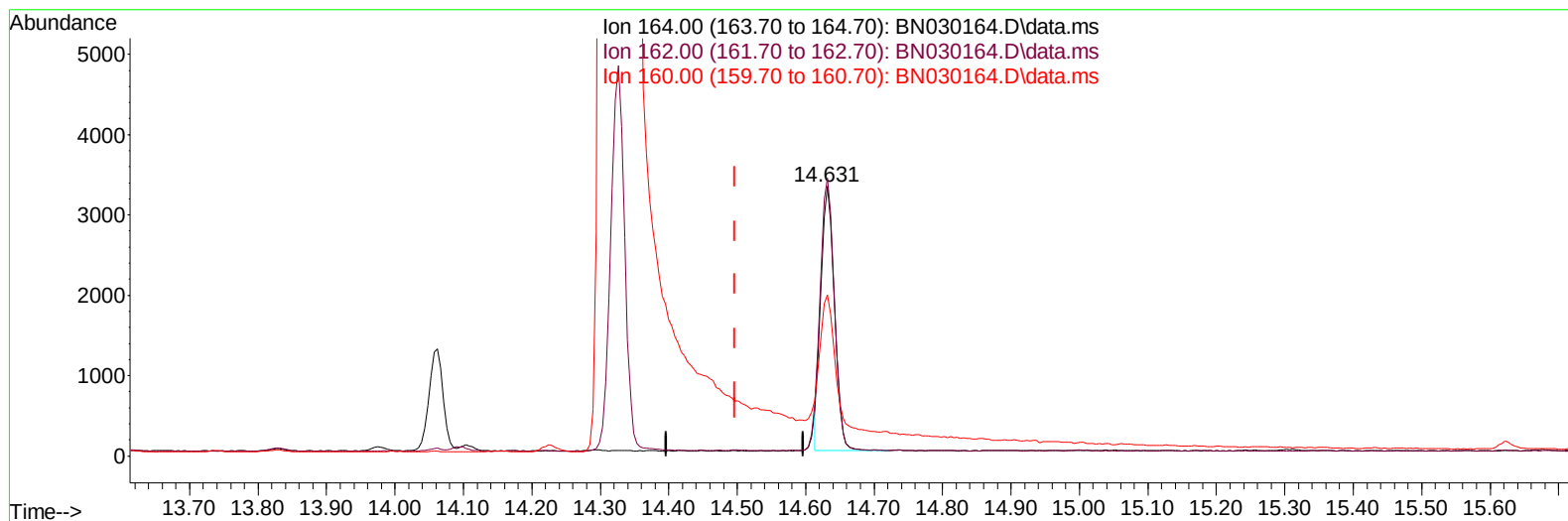
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022824\
Data File : BN030164.D
Acq On : 29 Feb 2024 12:26
Operator : MA/JU
Sample : P1501-23
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E10C2

Manual IntegrationsAPPROVED

Quant Time: Feb 29 13:25:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN020624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 23:49:29 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 03/01/2024
Supervised By :mohammad ahmed 03/01/2024



TIC: BN030164.D\data.ms

(9) Acenaphthene-d10 (I)

14.631min (+ 0.134) 0.40 ng/u1

response 4550

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	102.00	103.22
160.00	51.20	59.85
0.00	0.00	0.00

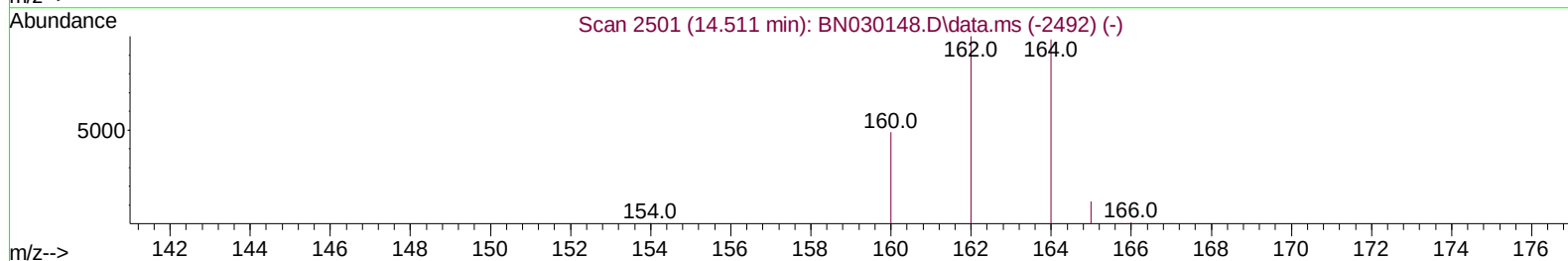
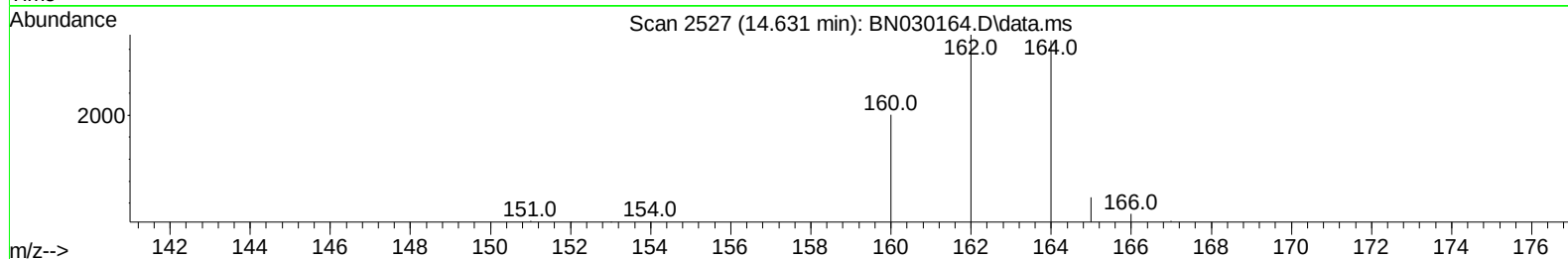
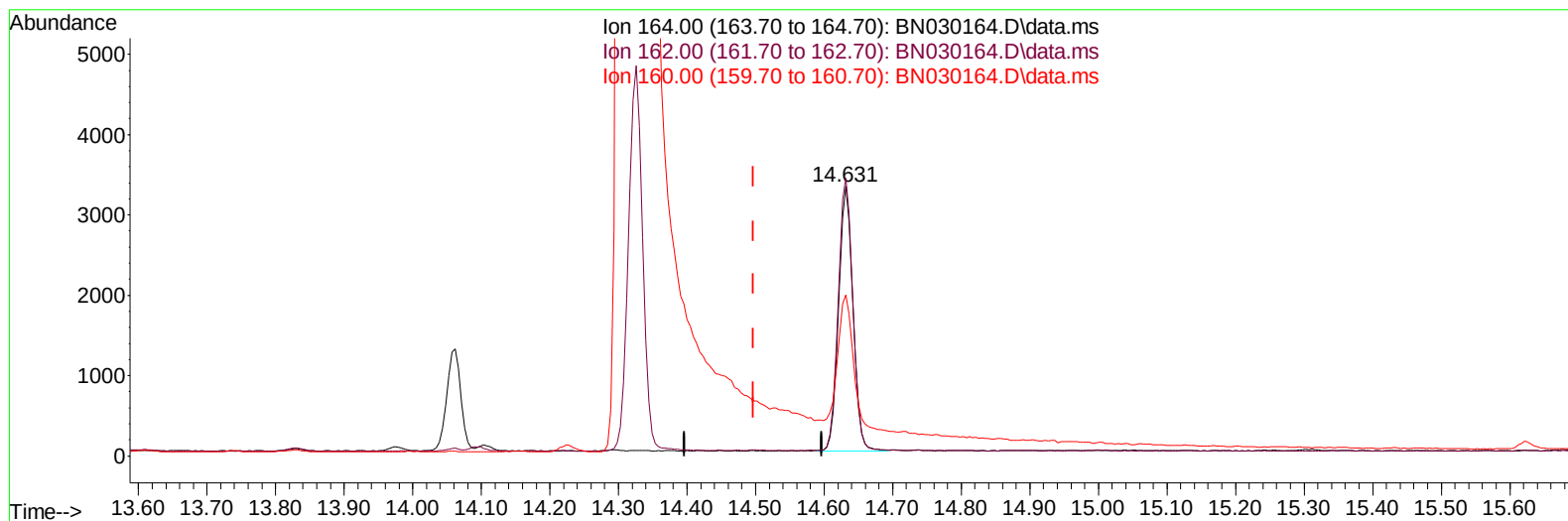
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022824\
Data File : BN030164.D
Acq On : 29 Feb 2024 12:26
Operator : MA/JU
Sample : P1501-23
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E10C2

Manual IntegrationsAPPROVED

Quant Time: Feb 29 13:25:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN020624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 23:49:29 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 03/01/2024
Supervised By :mohammad ahmed 03/01/2024



TIC: BN030164.D\data.ms

(9) Acenaphthene-d10 (I)

14.631min (+ 0.134) 0.40 ng/ul m

response 4797

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	102.00	103.22
160.00	51.20	59.85
0.00	0.00	0.00

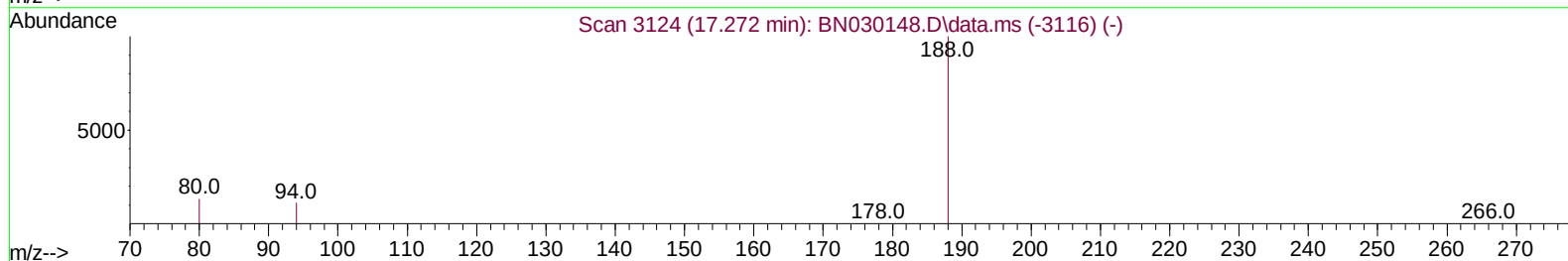
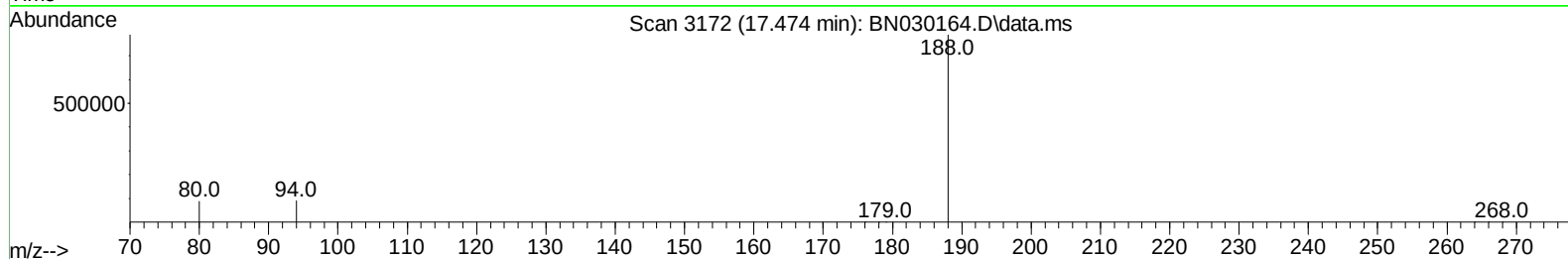
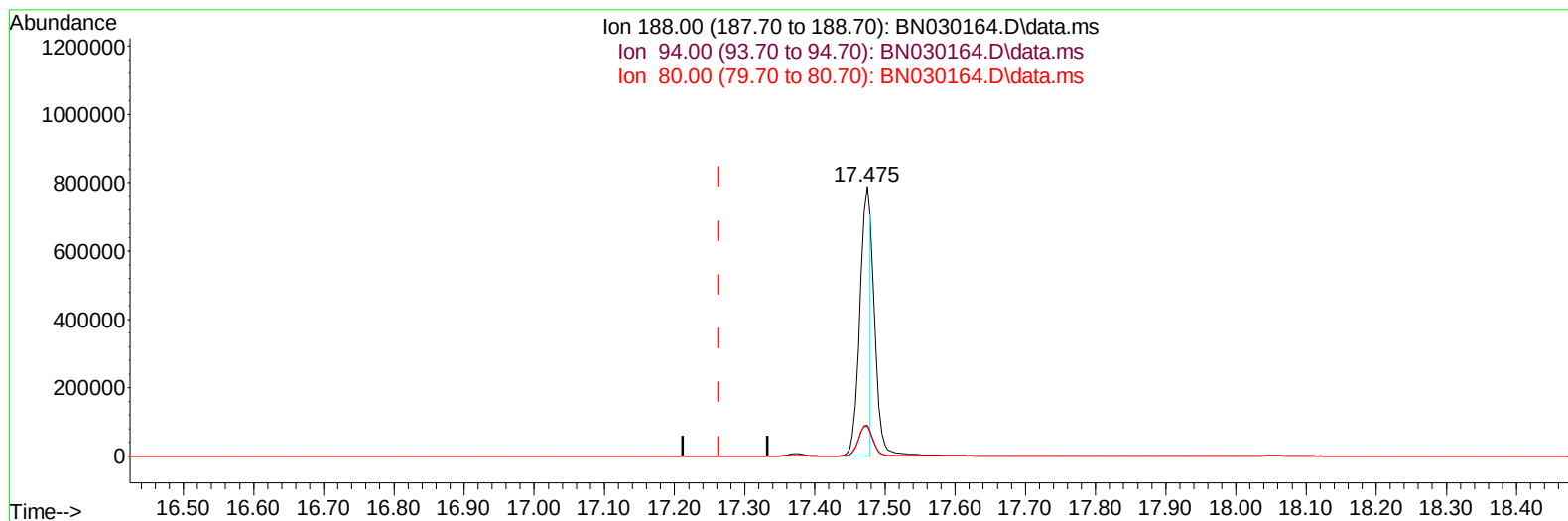
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022824\
Data File : BN030164.D
Acq On : 29 Feb 2024 12:26
Operator : MA/JU
Sample : P1501-23
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E10C2

Manual IntegrationsAPPROVED

Quant Time: Feb 29 13:25:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN020624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 23:49:29 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 03/01/2024
Supervised By :mohammad ahmed 03/01/2024



TIC: BN030164.D\data.ms

(13) Phenanthrene-d10 (I)

17.474min (+ 0.211) 0.40 ng/u1

response 834064

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.00	11.43
80.00	13.70	11.05
0.00	0.00	0.00

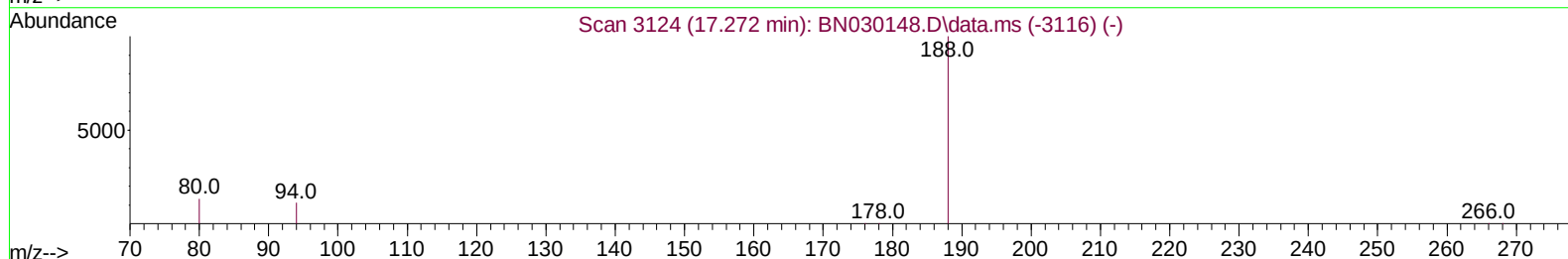
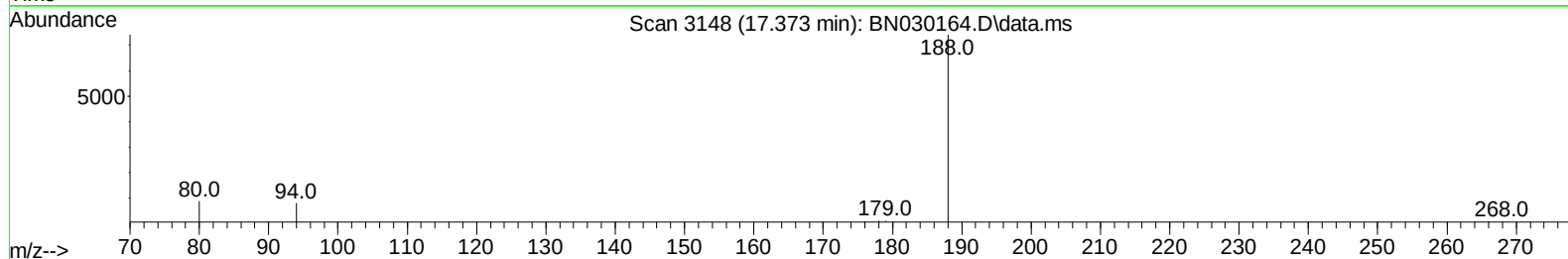
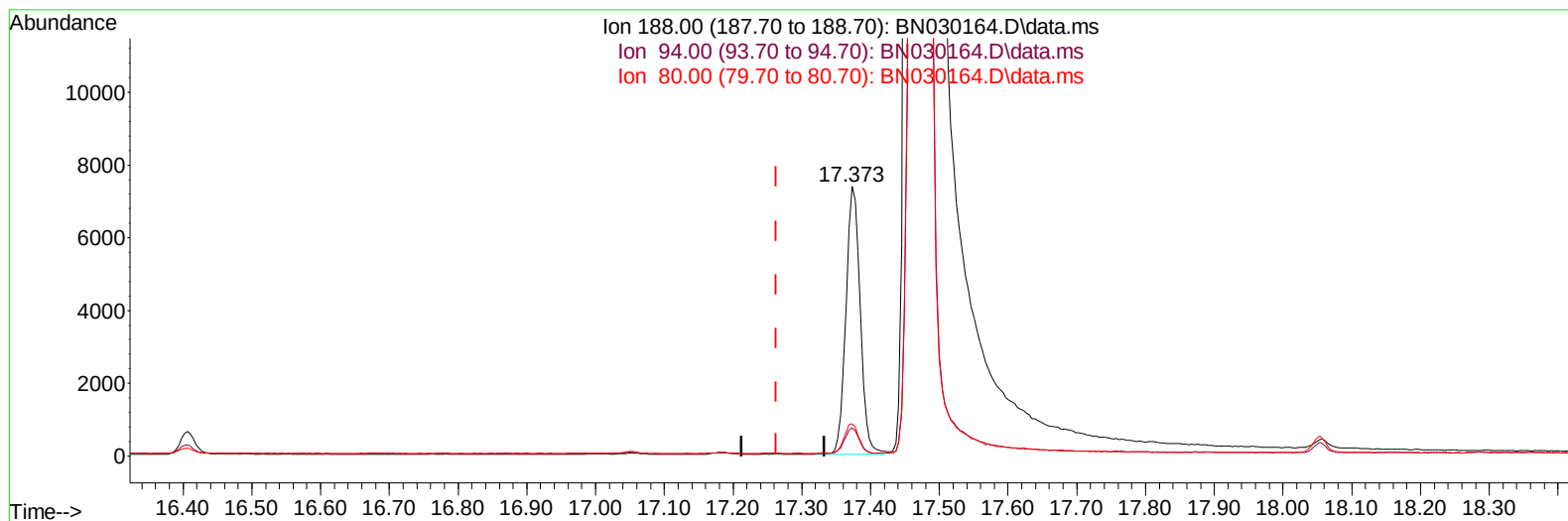
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022824\
Data File : BN030164.D
Acq On : 29 Feb 2024 12:26
Operator : MA/JU
Sample : P1501-23
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E10C2

Manual IntegrationsAPPROVED

Quant Time: Feb 29 13:25:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN020624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 23:49:29 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 03/01/2024
Supervised By :mohammad ahmed 03/01/2024



TIC: BN030164.D\data.ms

(13) Phenanthrene-d10 (I)

17.373min (+ 0.110) 0.40 ng/ul m

response 10591

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.00	10.62
80.00	13.70	11.92
0.00	0.00	0.00

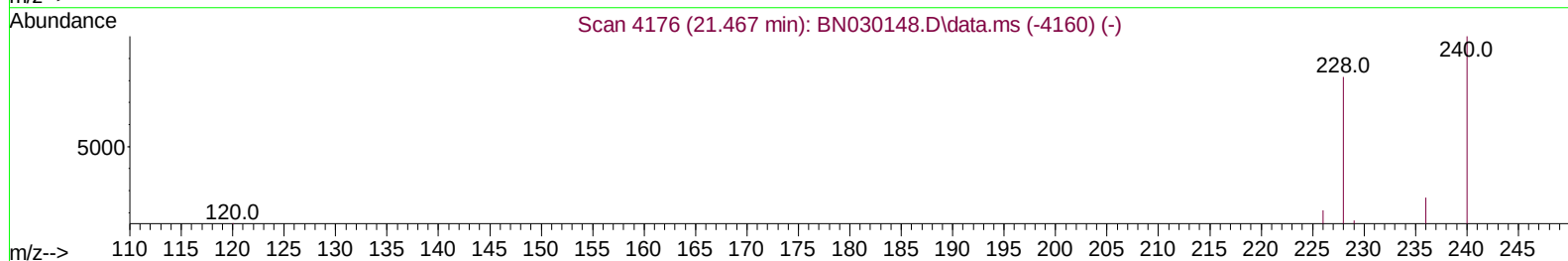
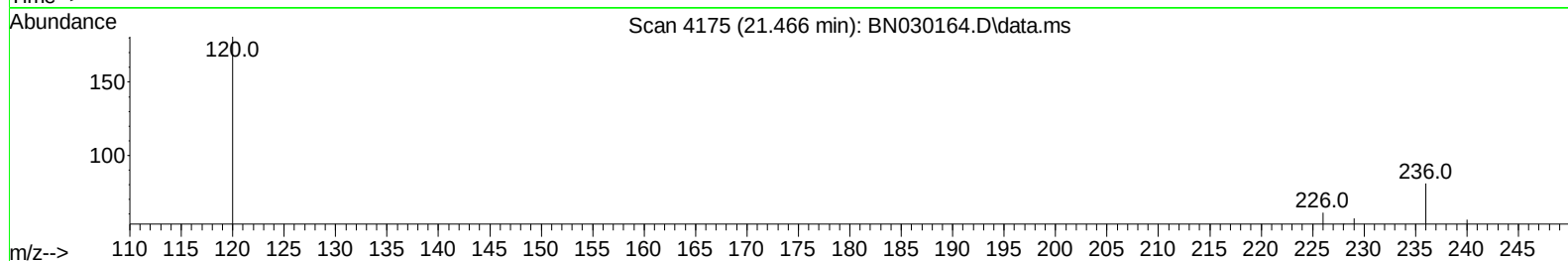
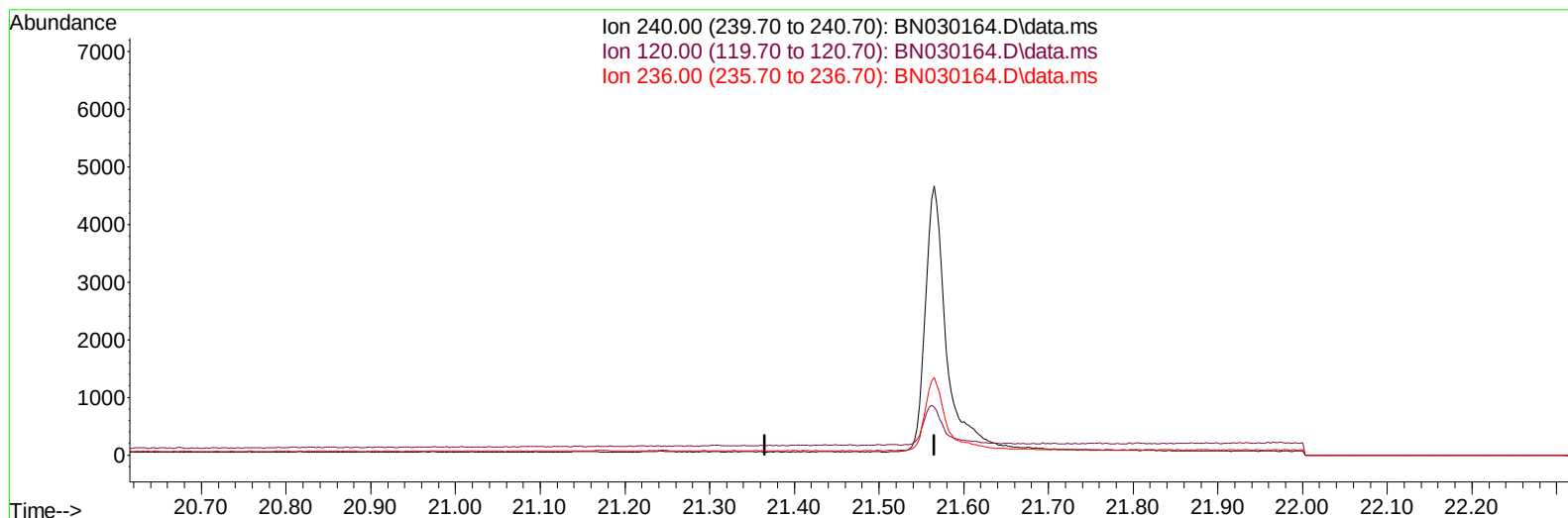
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022824\
Data File : BN030164.D
Acq On : 29 Feb 2024 12:26
Operator : MA/JU
Sample : P1501-23
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E10C2

Manual IntegrationsAPPROVED

Quant Time: Feb 29 13:25:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN020624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 23:49:29 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 03/01/2024
Supervised By :mohammad ahmed 03/01/2024



TIC: BN030164.D\data.ms

(17) Chrysene-d12

21.465min (-21.465) 0.00 ng/u1

response 0

Ion	Exp%	Act%
240.00	100.00	0.00
120.00	18.60	0.00#
236.00	29.00	0.00#
0.00	0.00	0.00

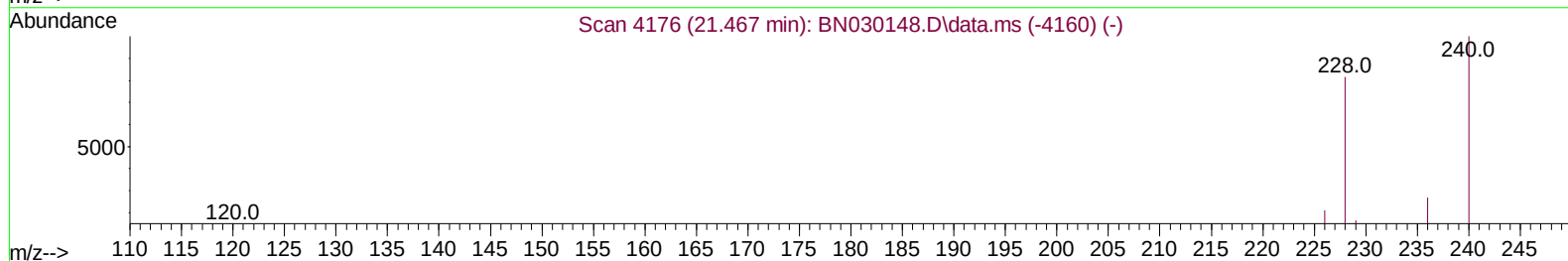
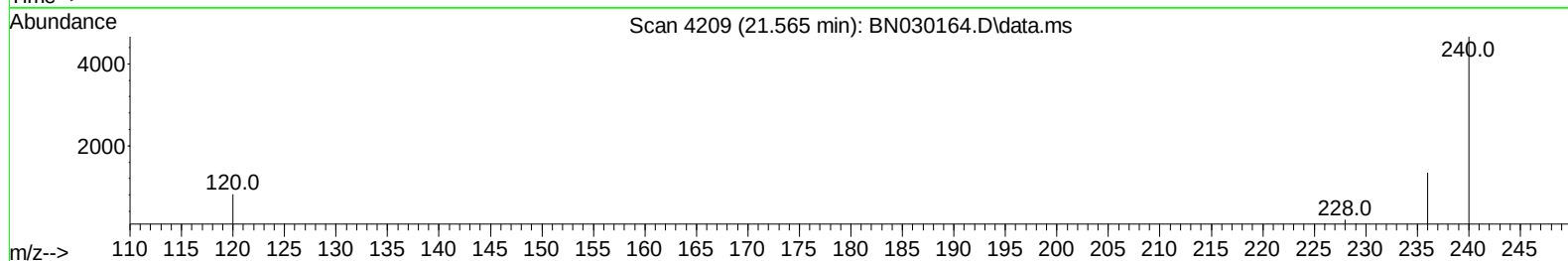
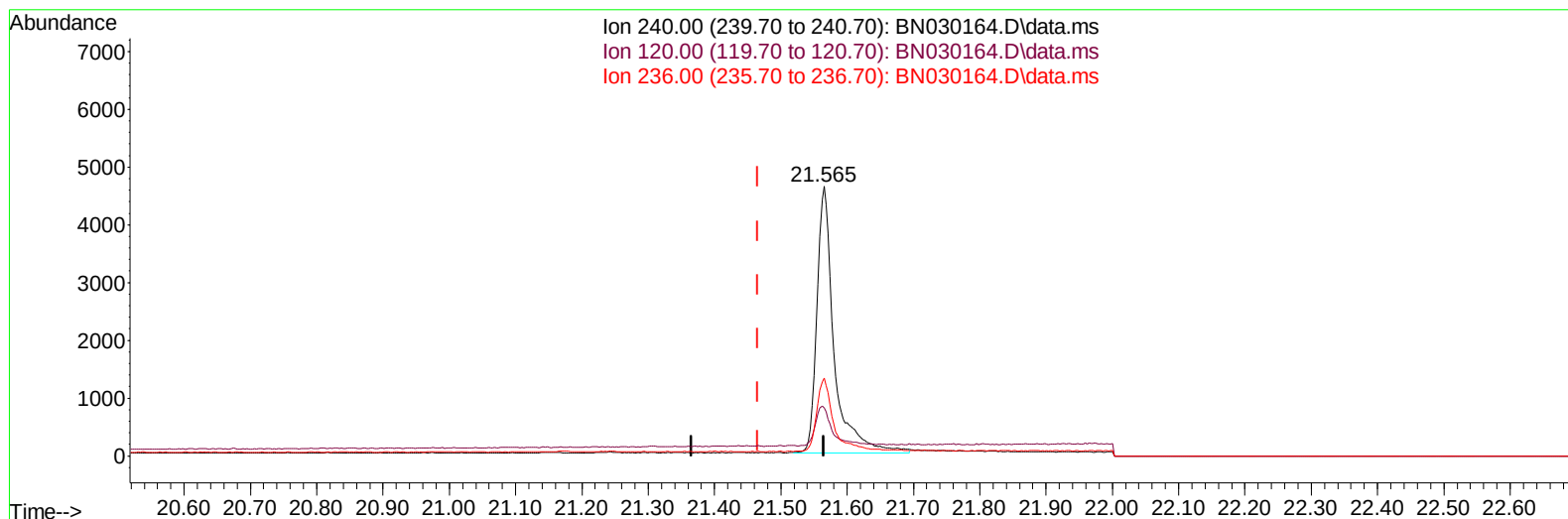
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022824\
Data File : BN030164.D
Acq On : 29 Feb 2024 12:26
Operator : MA/JU
Sample : P1501-23
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E10C2

Manual IntegrationsAPPROVED

Quant Time: Feb 29 13:25:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN020624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 23:49:29 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 03/01/2024
Supervised By :mohammad ahmed 03/01/2024



TIC: BN030164.D\data.ms

(17) Chrysene-d12

21.565min (+ 0.100) 0.40 ng/ul m

response 8258

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.60	17.74
236.00	29.00	29.02
0.00	0.00	0.00

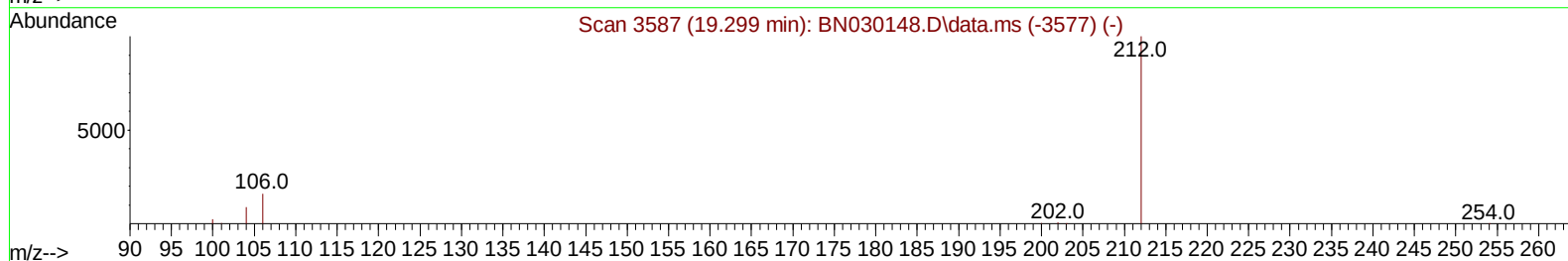
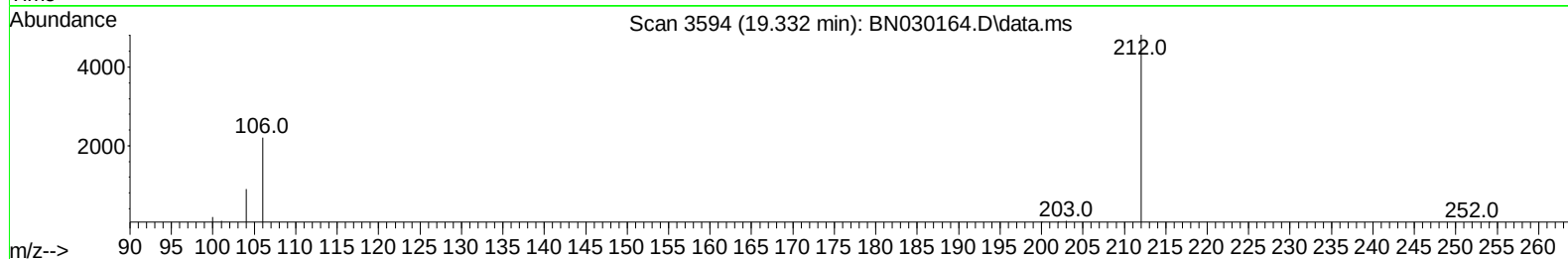
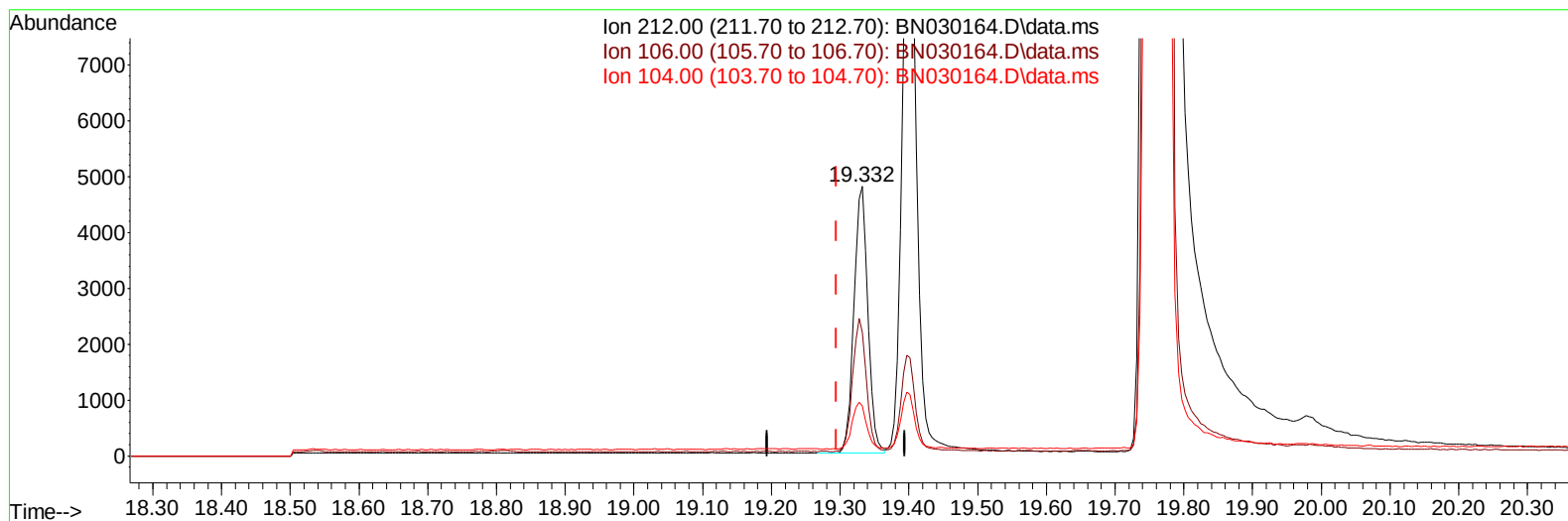
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022824\
Data File : BN030164.D
Acq On : 29 Feb 2024 12:26
Operator : MA/JU
Sample : P1501-23
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E10C2

Manual IntegrationsAPPROVED

Quant Time: Feb 29 13:25:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN020624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 23:49:29 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 03/01/2024
Supervised By :mohammad ahmed 03/01/2024



TIC: BN030164.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.332min (+ 0.037) 0.24 ng/u1

response 6637

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	0.00	49.09#
104.00	0.00	18.25#
0.00	0.00	0.00

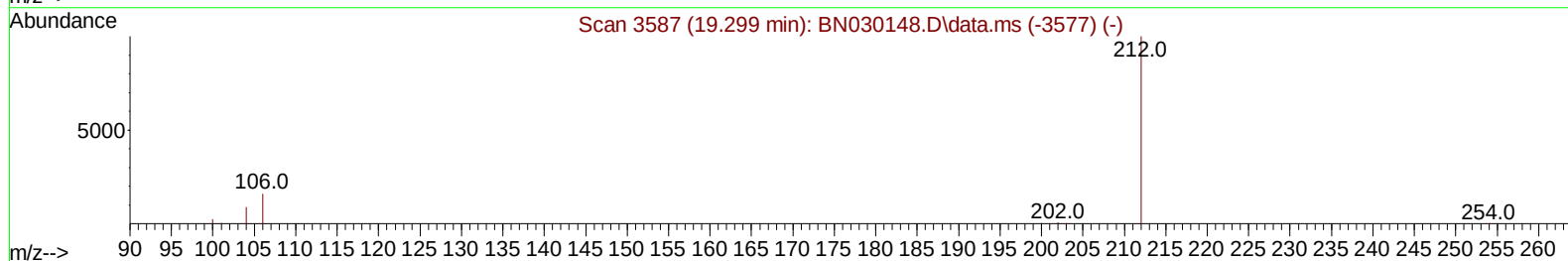
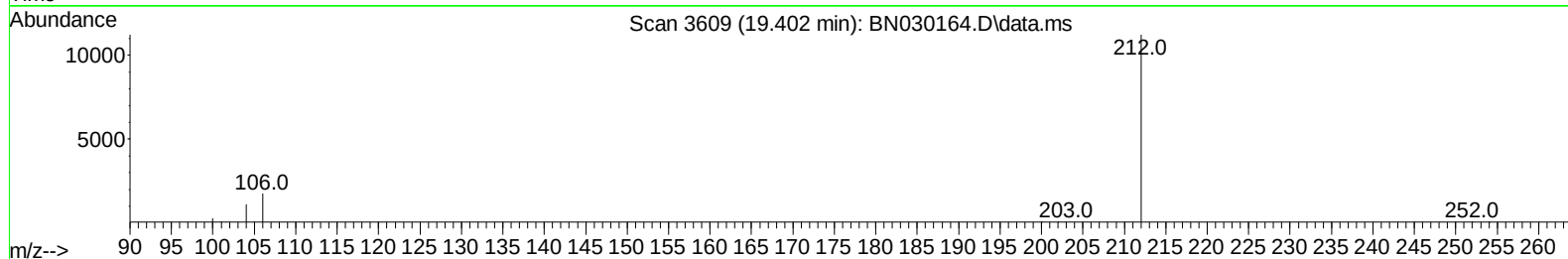
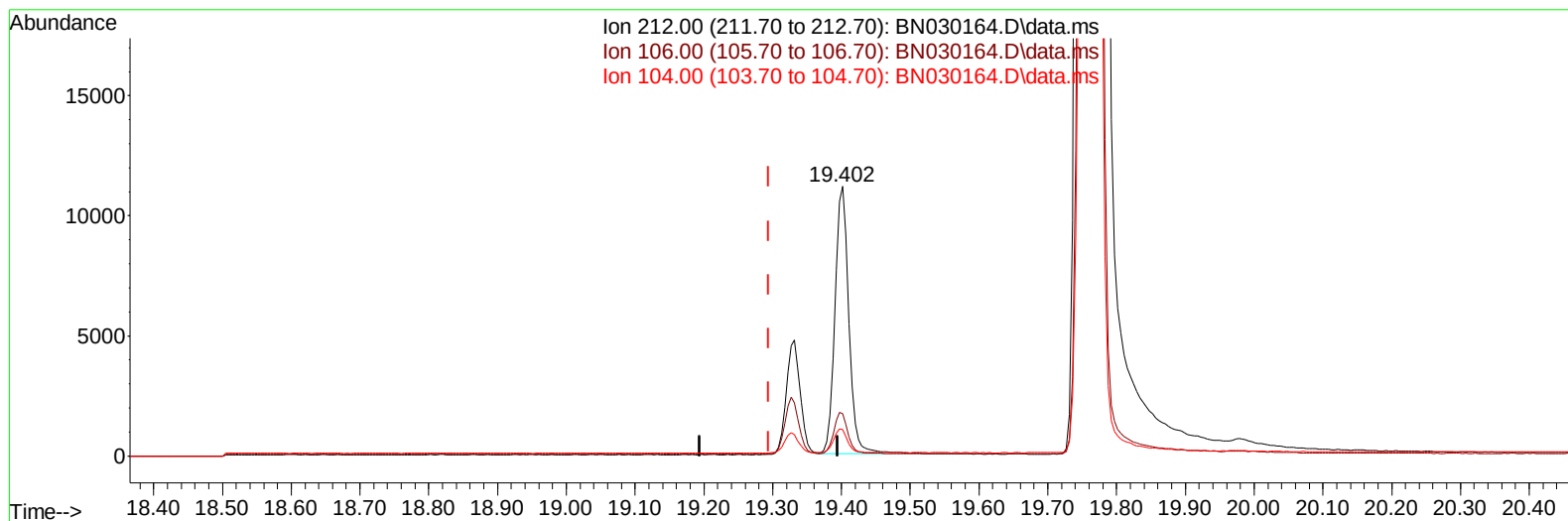
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022824\
Data File : BN030164.D
Acq On : 29 Feb 2024 12:26
Operator : MA/JU
Sample : P1501-23
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E10C2

Manual IntegrationsAPPROVED

Quant Time: Feb 29 13:25:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN020624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 23:49:29 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 03/01/2024
Supervised By :mohammad ahmed 03/01/2024



TIC: BN030164.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.402min (+ 0.107) 0.57 ng/u1 m

response 15547

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	0.00	20.96#
104.00	0.00	7.79#
0.00	0.00	0.00

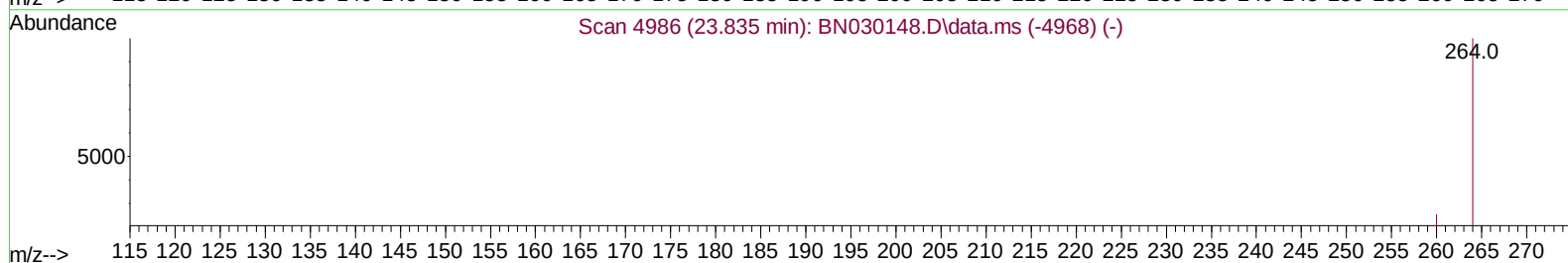
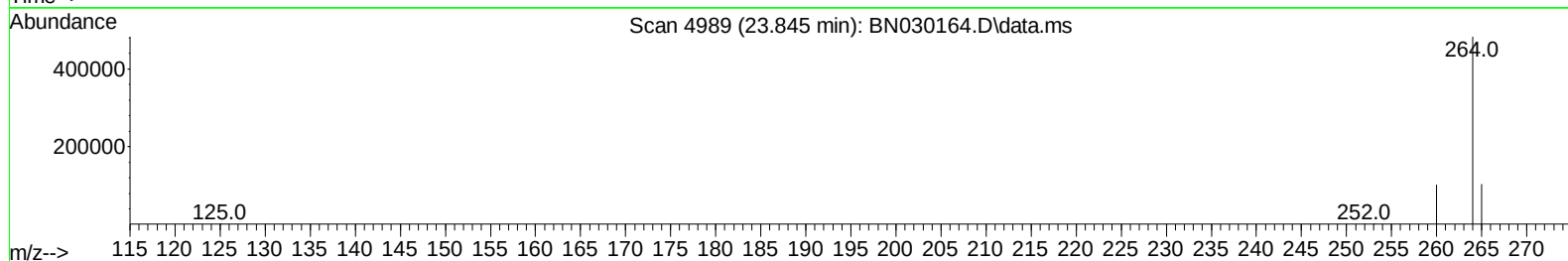
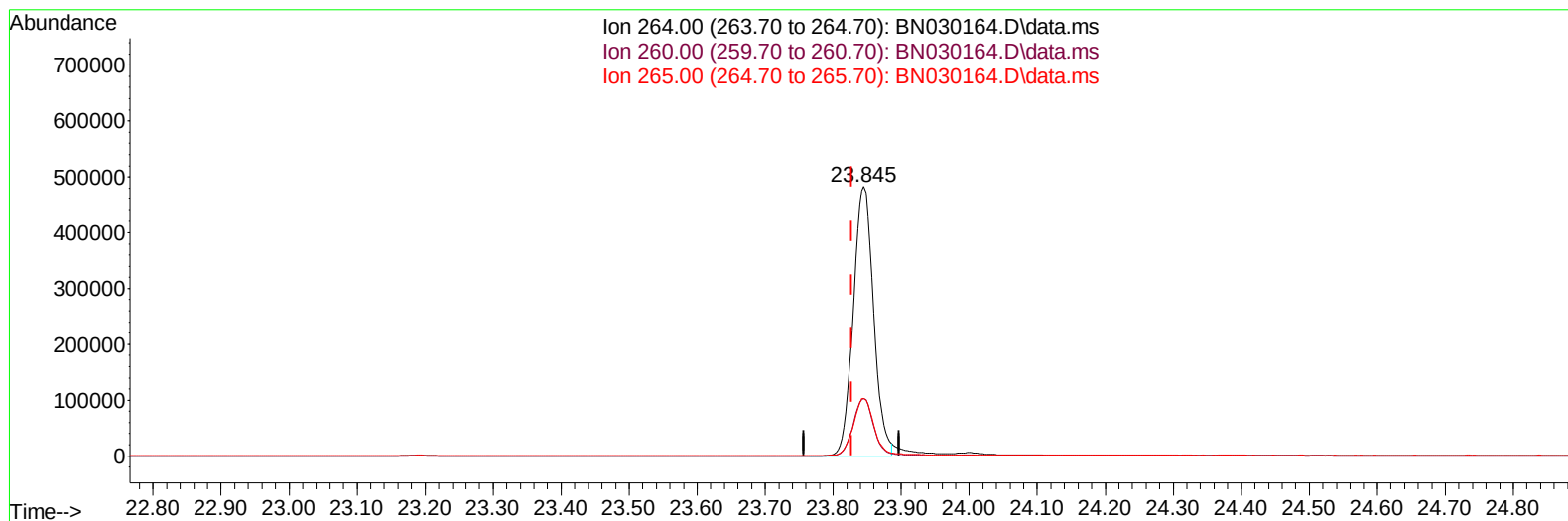
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022824\
Data File : BN030164.D
Acq On : 29 Feb 2024 12:26
Operator : MA/JU
Sample : P1501-23
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E10C2

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 03/01/2024
Supervised By :mohammad ahmed 03/01/2024

Quant Time: Feb 29 13:25:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN020624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 23:49:29 2024
Response via : Initial Calibration



TIC: BN030164.D\data.ms

(23) Perylene-d12 (I)

23.845min (+ 0.018) 0.40 ng/u1

response 1003323

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.70	21.25
265.00	43.50	21.43#
0.00	0.00	0.00

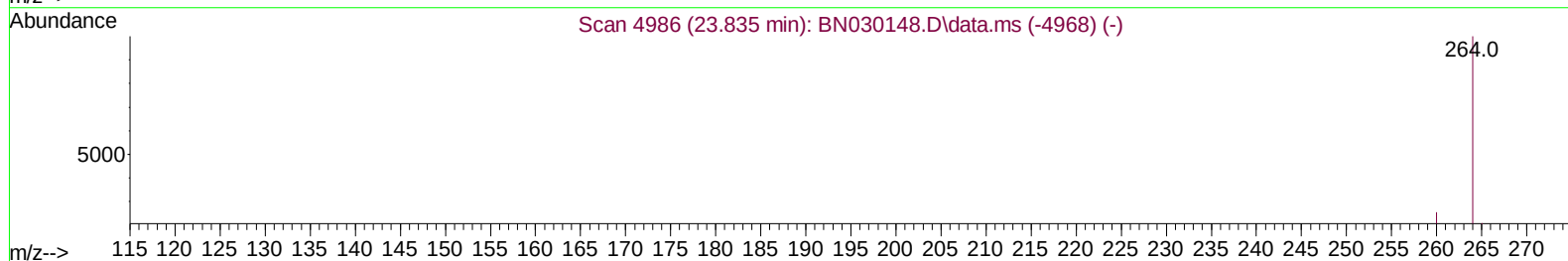
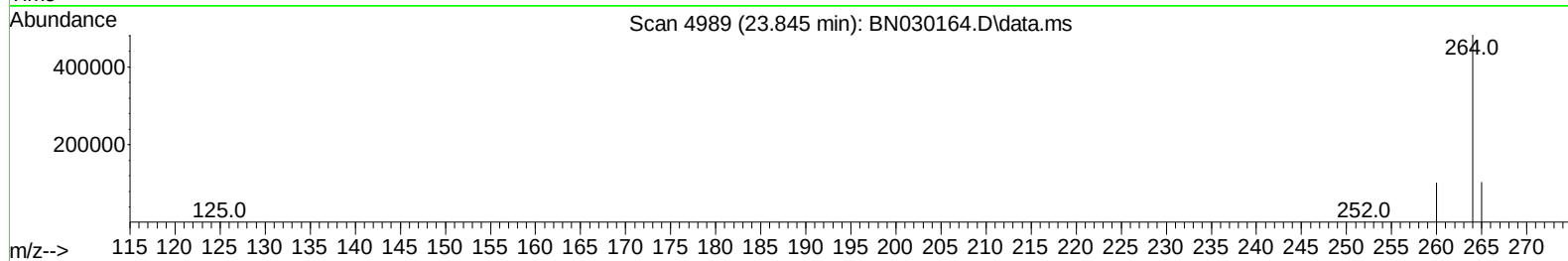
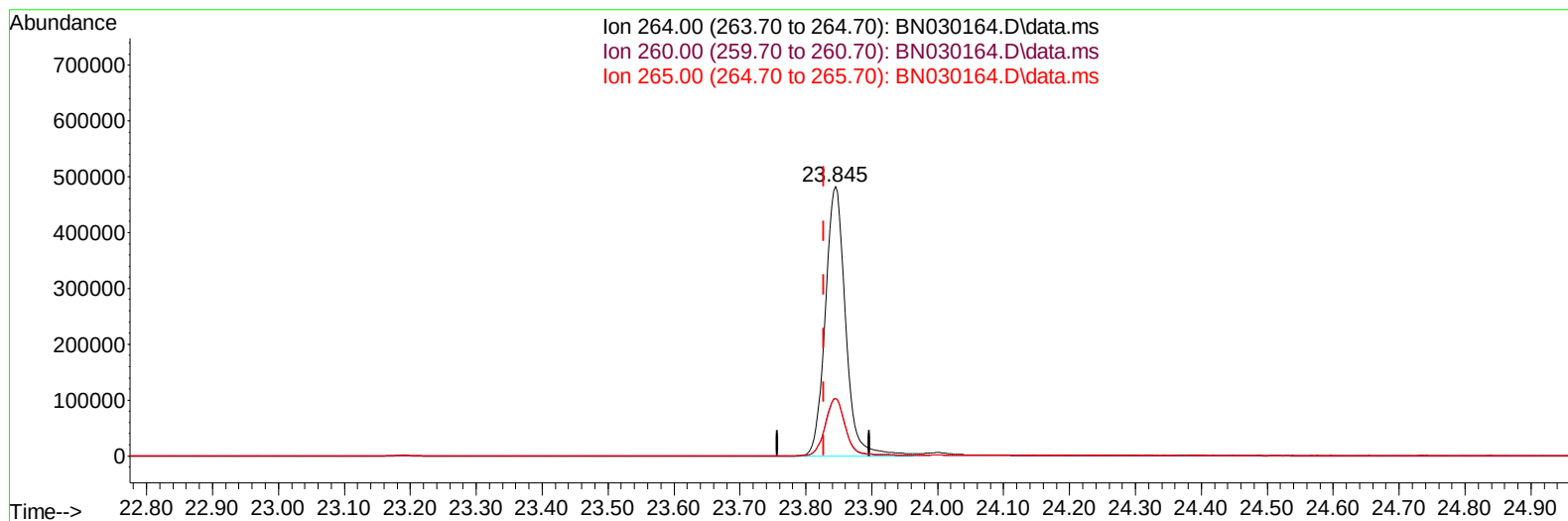
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022824\
Data File : BN030164.D
Acq On : 29 Feb 2024 12:26
Operator : MA/JU
Sample : P1501-23
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E10C2

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 03/01/2024
Supervised By :mohammad ahmed 03/01/2024

Quant Time: Feb 29 13:25:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN020624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 23:49:29 2024
Response via : Initial Calibration



TIC: BN030164.D\data.ms

(23) Perylene-d12 (I)

23.845min (+ 0.018) 0.40 ng/ul m

response 1040246

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.70	21.25
265.00	43.50	21.43#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022824\
 Data File : BN030164.D
 Acq On : 29 Feb 2024 12:26
 Operator : MA/JU
 Sample : P1501-23
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E10C2

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 03/01/2024
 Supervised By :mohammad ahmed 03/01/2024

Quant Time: Feb 29 13:25:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN020624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 23:49:29 2024
 Response via : Initial Calibration

Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.998	152		2572	0.400	ng/ul	0.14
4) Naphthalene-d8	10.804	136		7975	0.400	ng/ul	0.15
9) Acenaphthene-d10	14.631	164		4797m	0.400	ng/ul	0.13
13) Phenanthrene-d10	17.373	188		10591m	0.400	ng/ul	0.11
17) Chrysene-d12	21.565	240		8258m	0.400	ng/ul	0.10
23) Perylene-d12	24.000	264		5418m	0.400	ng/ul	0.17
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.374	96		15431	4.812	ng/ul	0.06
6) 2-Methylnaphthalene-d10	12.399	152		4998	0.493	ng/ul	0.15
18) Fluoranthene-d10	19.402	212		15547m	0.573	ng/ul	0.11
Target Compounds							Qvalue
5) Naphthalene	10.854	128		592	0.026	ng/ul#	67

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022824\
Data File : BN030164.D
Acq On : 29 Feb 2024 12:26
Operator : MA/JU
Sample : P1501-23
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E10C2

Manual IntegrationsAPPROVED

Quant Time: Feb 29 13:25:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN020624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 23:49:29 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 03/01/2024
Supervised By :mohammad ahmed 03/01/2024

