

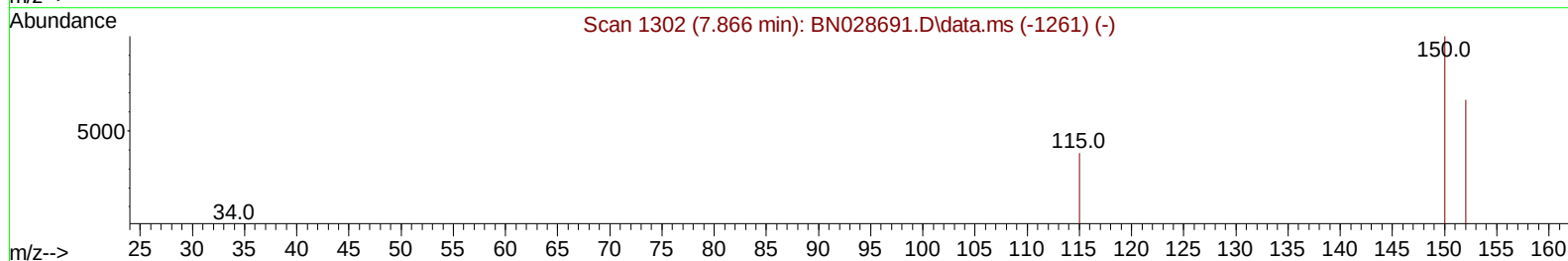
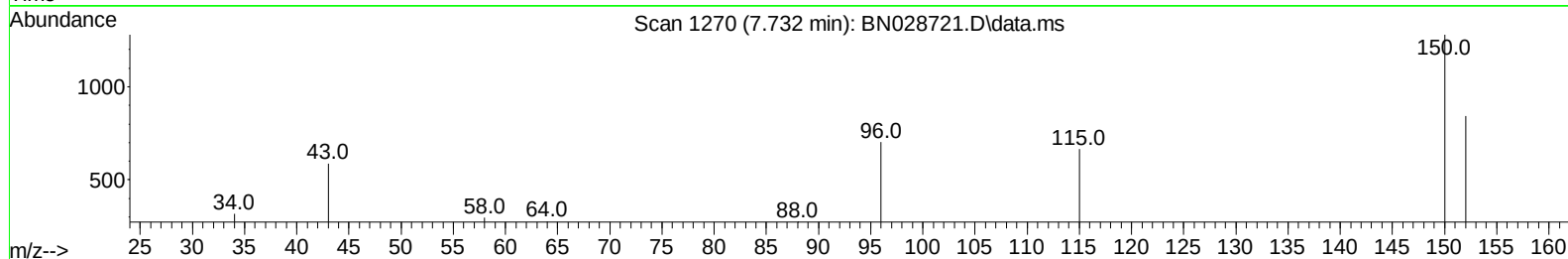
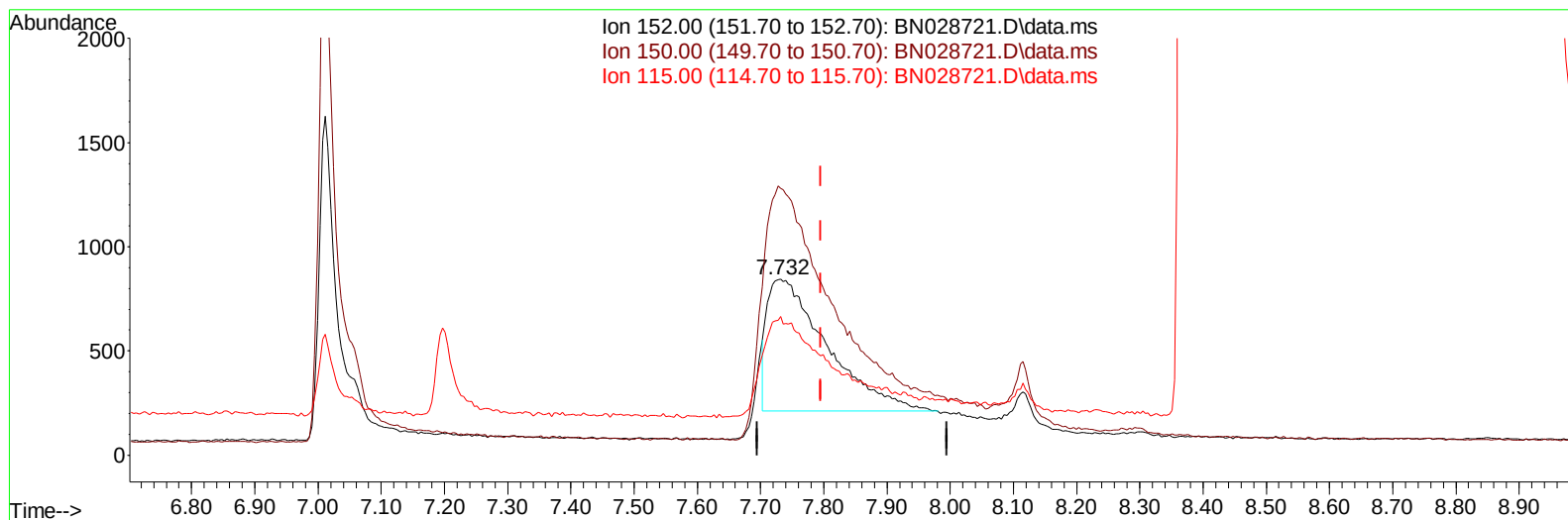
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028721.D
Acq On : 18 Nov 2023 03:55
Operator : MA/JU
Sample : PB157216BL
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SBLK216

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/20/2023

Quant Time: Nov 18 04:21:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 09:39:27 2023
Response via : Initial Calibration



TIC: BN028721.D\data.ms

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

7.732min (-0.063) 0.40 ng/u1

response 4171

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	151.66
115.00	62.20	78.67#
0.00	0.00	0.00

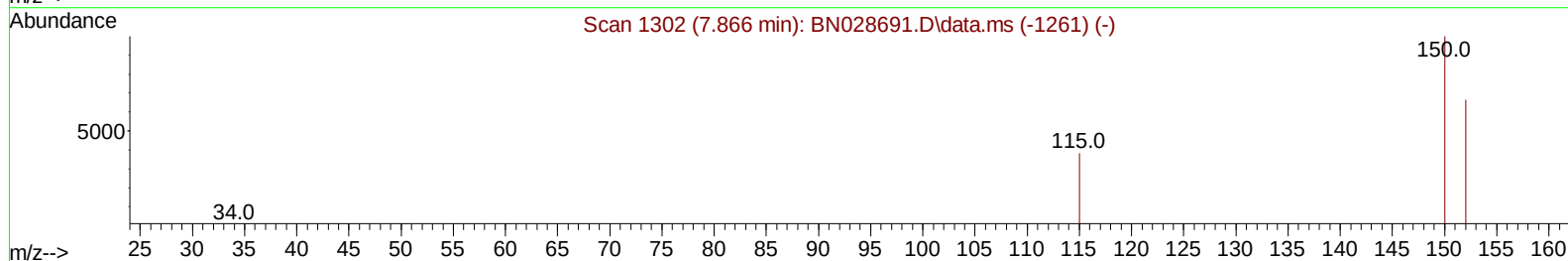
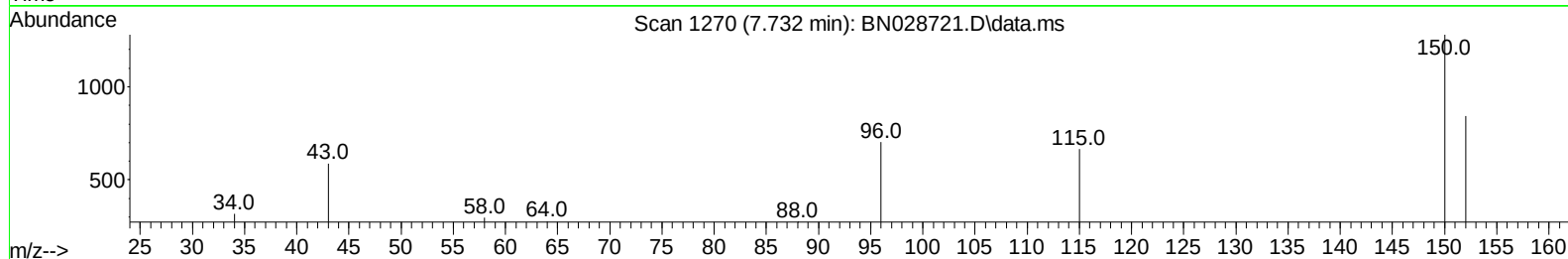
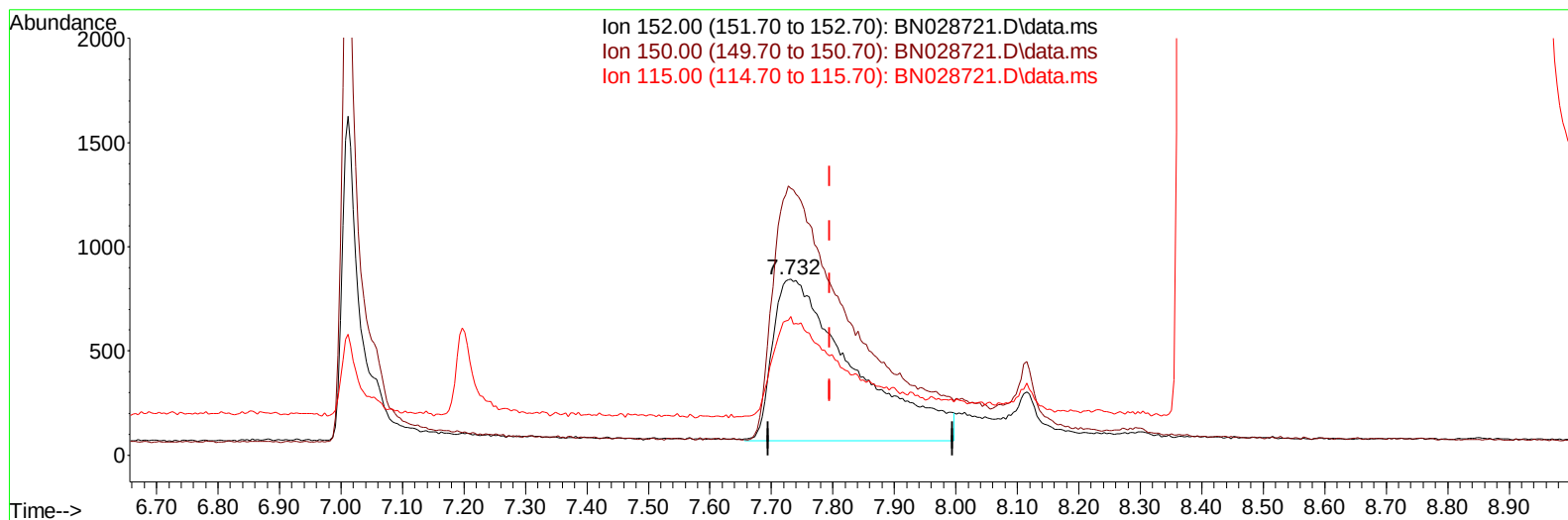
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028721.D
Acq On : 18 Nov 2023 03:55
Operator : MA/JU
Sample : PB157216BL
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SBLK216

Manual IntegrationsAPPROVED

Quant Time: Nov 18 04:21:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 09:39:27 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/20/2023



TIC: BN028721.D\data.ms

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

7.732min (-0.063) 0.40 ng/ul m

response 7086

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	151.66
115.00	62.20	78.67#
0.00	0.00	0.00

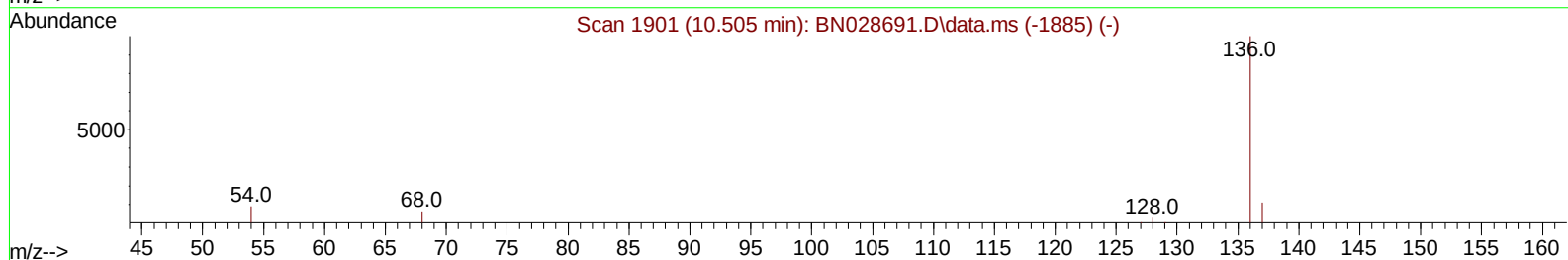
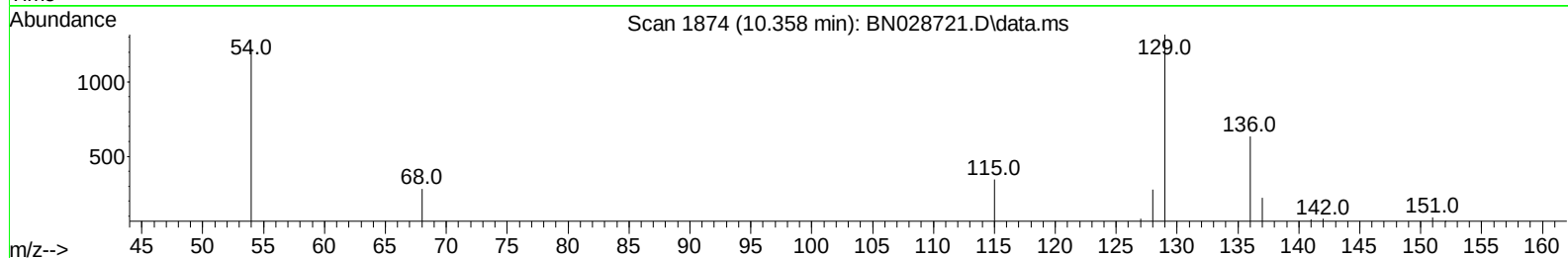
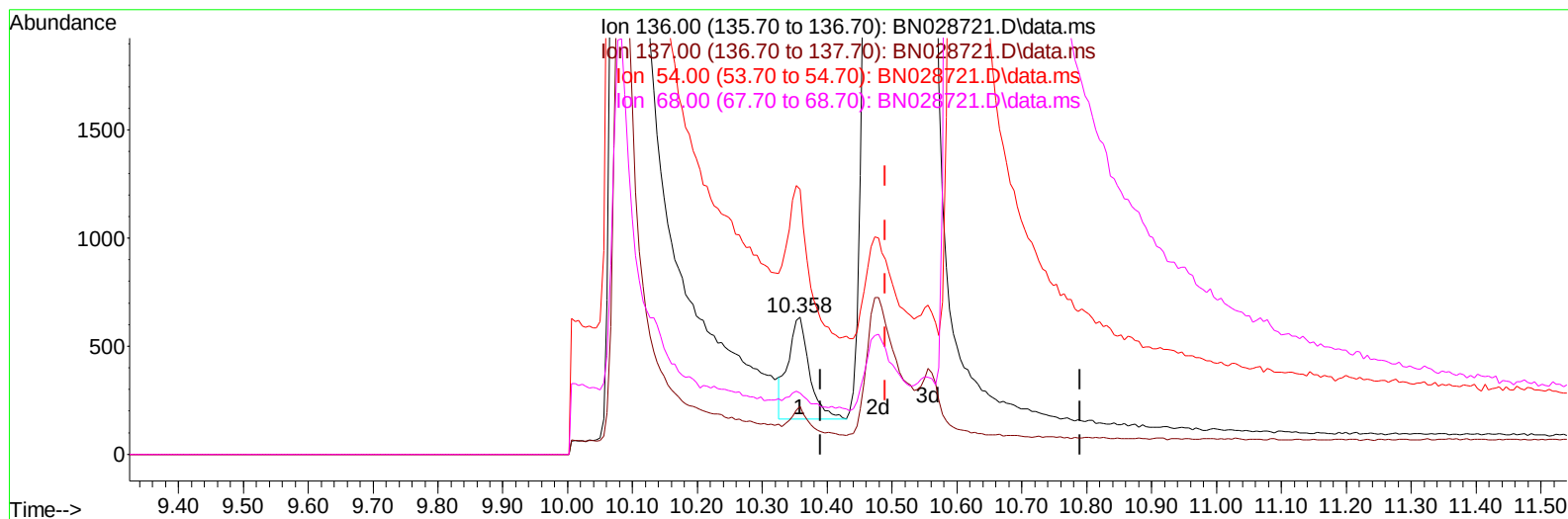
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028721.D
Acq On : 18 Nov 2023 03:55
Operator : MA/JU
Sample : PB157216BL
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SBLK216

Manual IntegrationsAPPROVED

Quant Time: Nov 18 04:21:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 09:39:27 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/20/2023



TIC: BN028721.D\data.ms

(4) Naphthalene-d8 (I)

10.358min (-0.132) 0.40 ng/u1

response 1076

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	34.86#
54.00	9.00	193.22#
68.00	7.10	44.48#

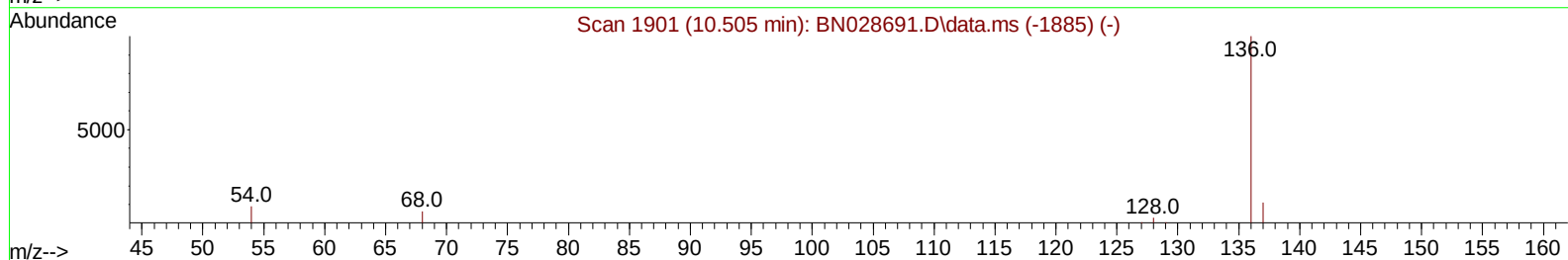
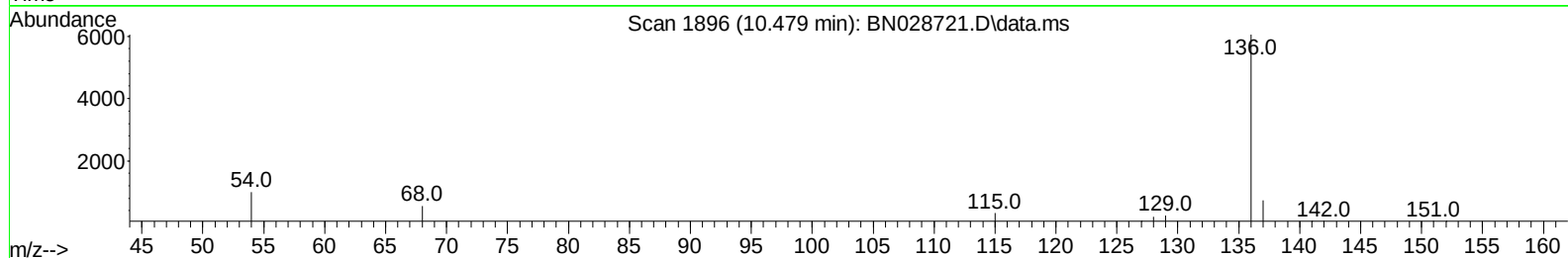
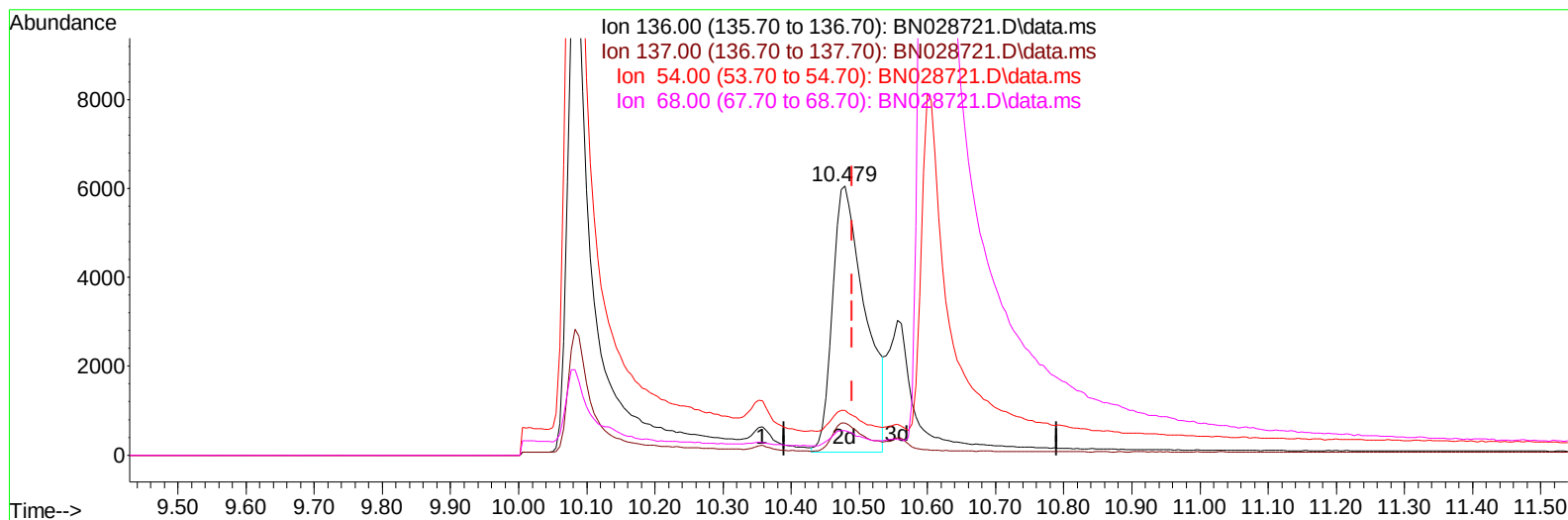
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028721.D
 Acq On : 18 Nov 2023 03:55
 Operator : MA/JU
 Sample : PB157216BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SBLK216

Manual IntegrationsAPPROVED

Quant Time: Nov 18 04:21:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 09:39:27 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/19/2023
 Supervised By :mohammad ahmed 11/20/2023



TIC: BN028721.D\data.ms

(4) Naphthalene-d8 (I)

10.479min (-0.011) 0.40 ng/ul m

response 19763

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	11.99
54.00	9.00	16.53#
68.00	7.10	9.17#

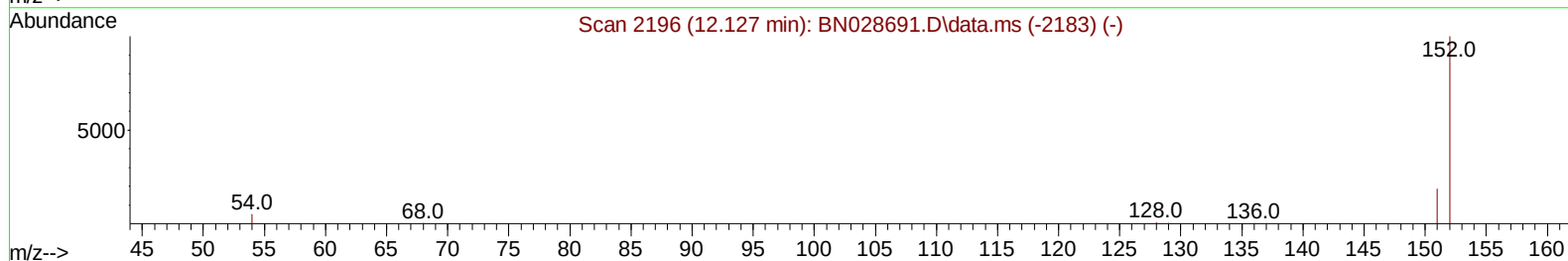
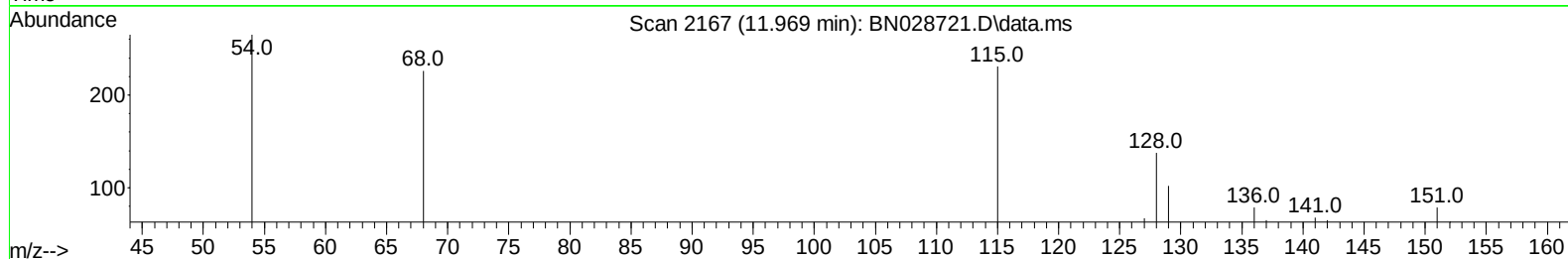
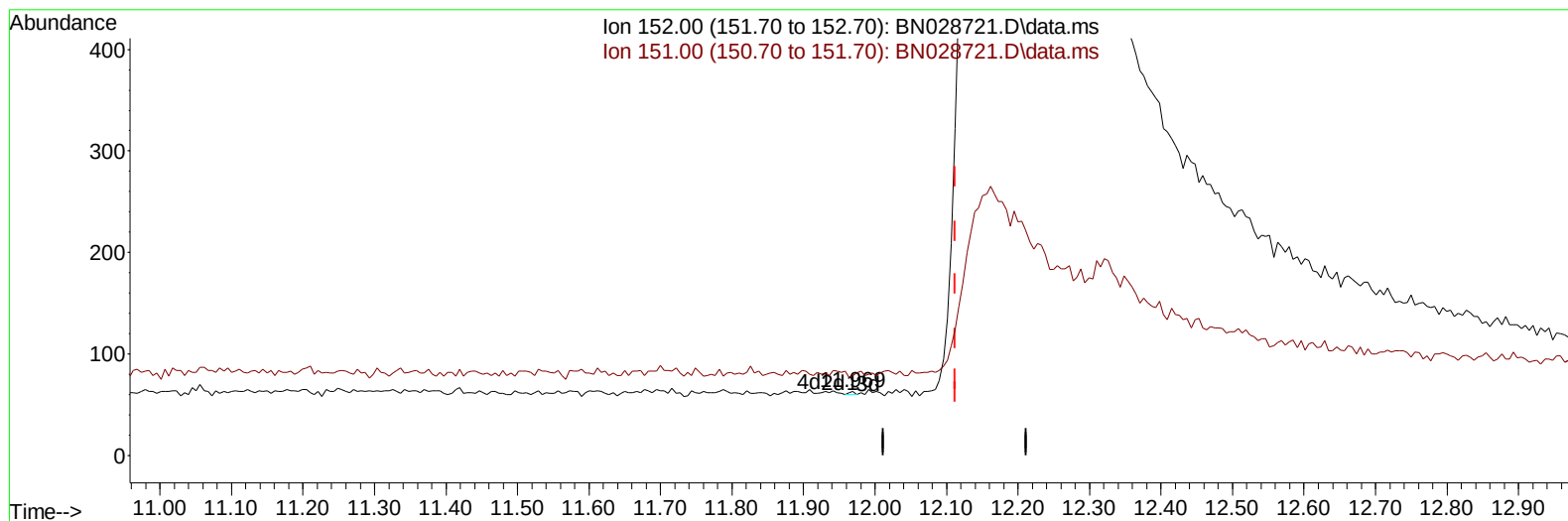
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028721.D
 Acq On : 18 Nov 2023 03:55
 Operator : MA/JU
 Sample : PB157216BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SBLK216

Manual IntegrationsAPPROVED

Quant Time: Nov 18 04:21:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 09:39:27 2023
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Reviewed By :Yogesh Patel 11/19/2023
 Supervised By :mohammad ahmed 11/20/2023



TIC: BN028721.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

11.969min (-0.143) 0.00 ng/u1

response 2

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.50	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

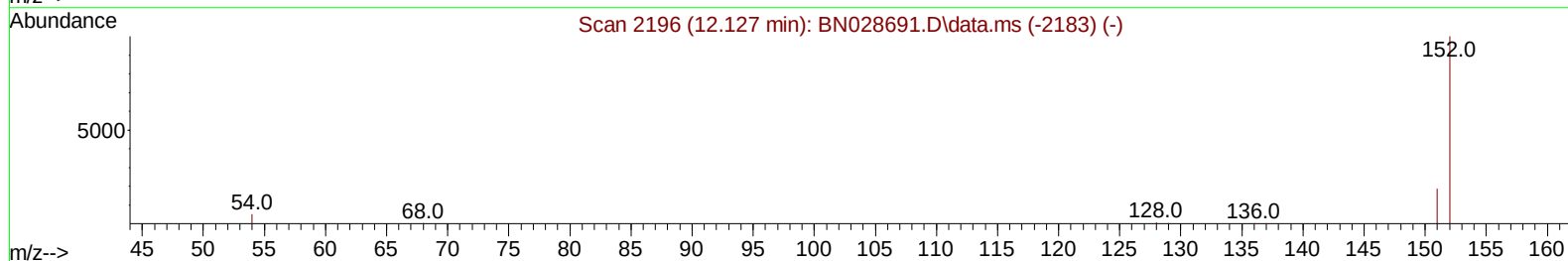
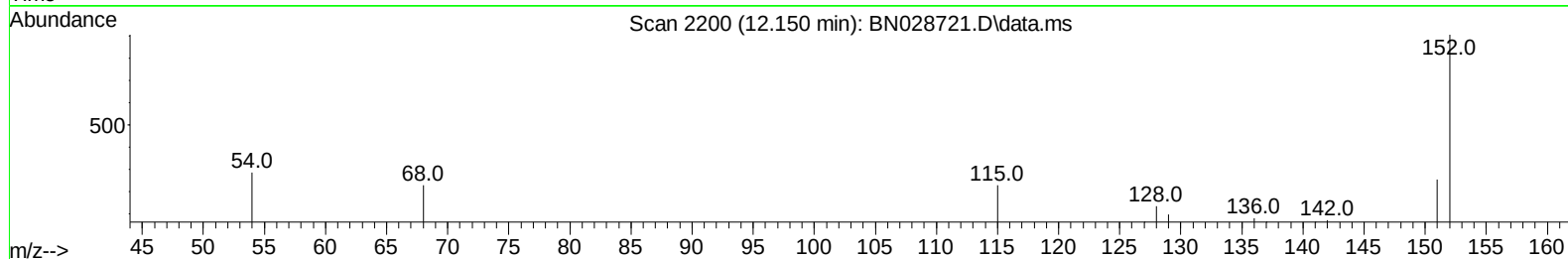
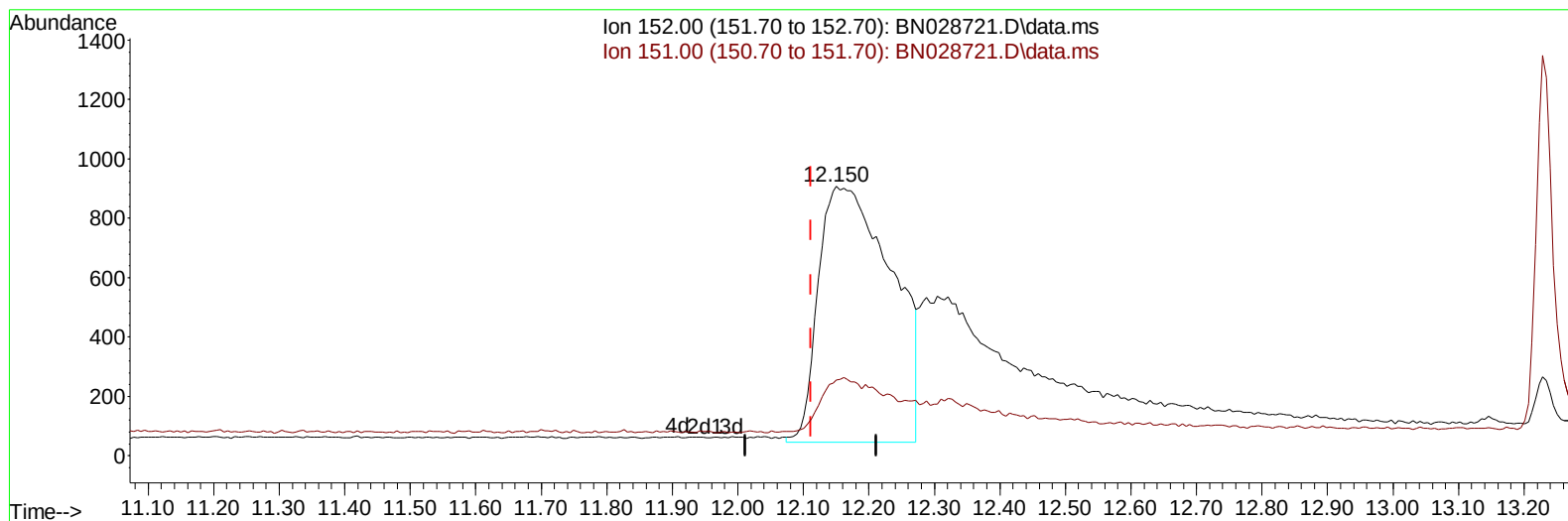
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028721.D
 Acq On : 18 Nov 2023 03:55
 Operator : MA/JU
 Sample : PB157216BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SBLK216

Manual IntegrationsAPPROVED

Quant Time: Nov 18 04:21:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 09:39:27 2023
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Reviewed By :Yogesh Patel 11/19/2023
 Supervised By :mohammad ahmed 11/20/2023



TIC: BN028721.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.150min (+ 0.038) 0.22 ng/ul m

response 6670

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.50	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

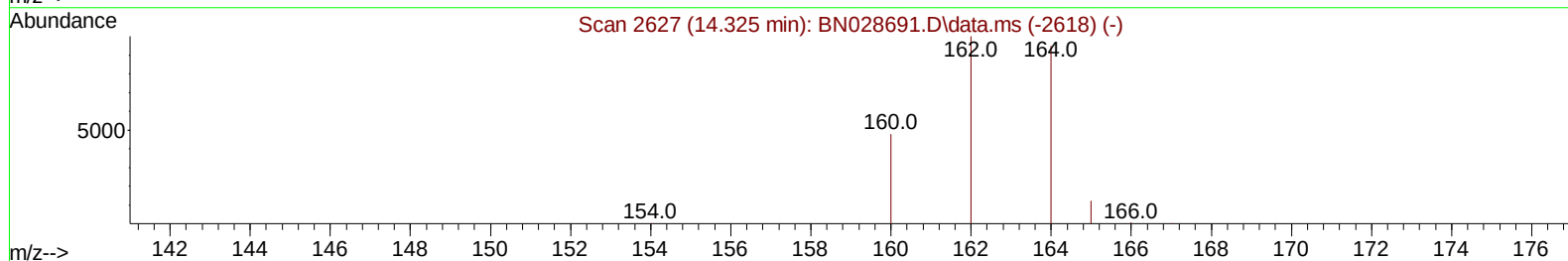
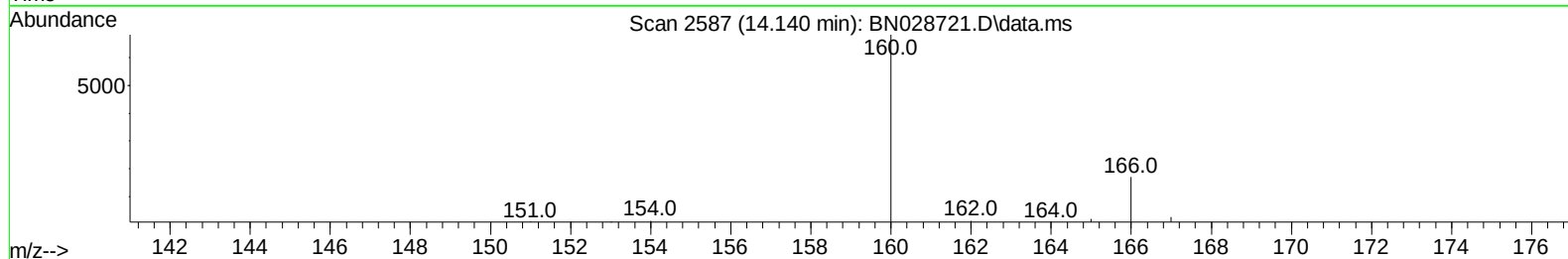
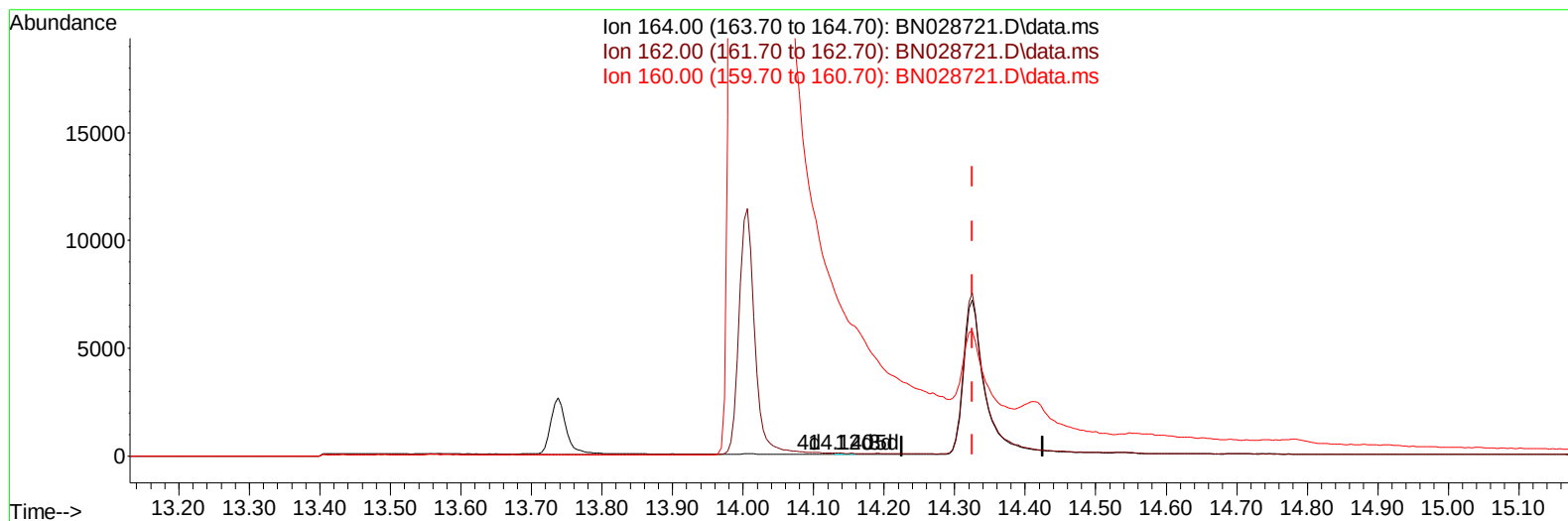
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028721.D
 Acq On : 18 Nov 2023 03:55
 Operator : MA/JU
 Sample : PB157216BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SBLK216

Manual IntegrationsAPPROVED

Quant Time: Nov 18 04:21:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 09:39:27 2023
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Reviewed By :Yogesh Patel 11/19/2023
 Supervised By :mohammad ahmed 11/20/2023



TIC: BN028721.D\data.ms

(9) Acenaphthene-d10 (I)

14.140min (-0.185) 0.40 ng/u1

response 7

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	103.90	147.62#
160.00	49.20	8138.10#
0.00	0.00	0.00

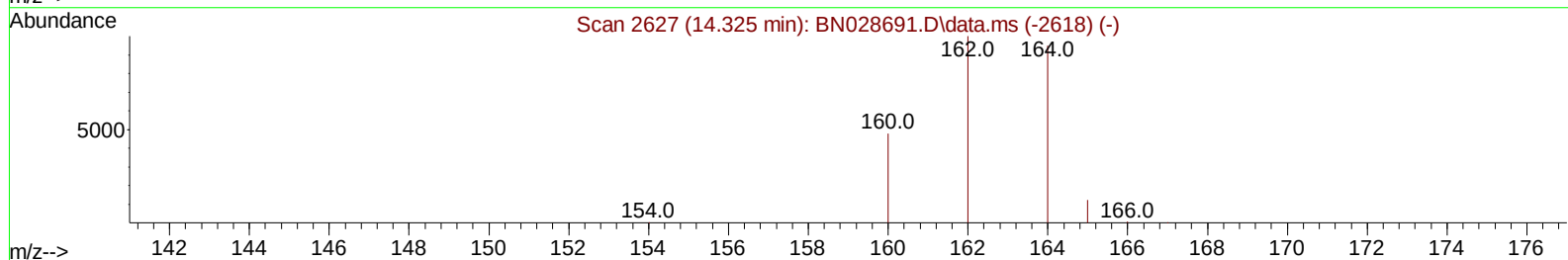
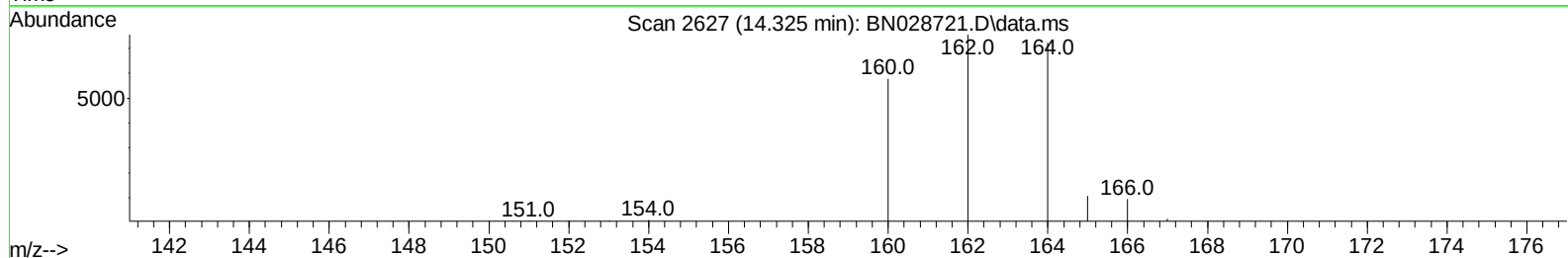
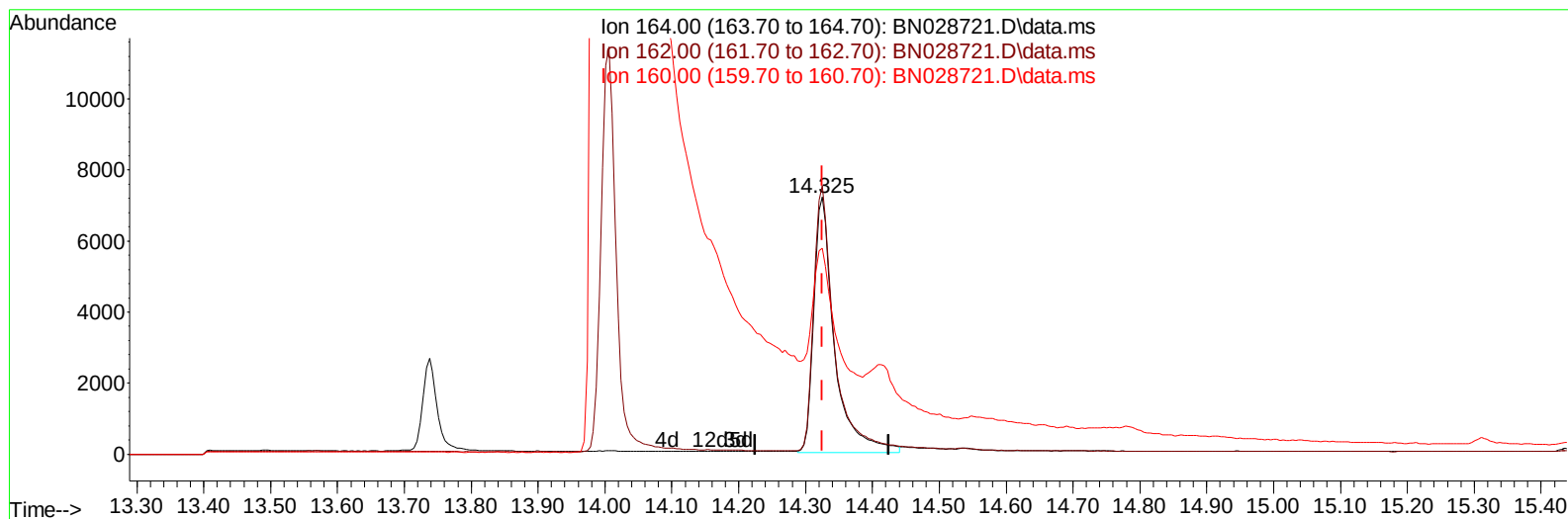
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028721.D
Acq On : 18 Nov 2023 03:55
Operator : MA/JU
Sample : PB157216BL
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SBLK216

Manual IntegrationsAPPROVED

Quant Time: Nov 18 04:21:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 09:39:27 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/20/2023



TIC: BN028721.D\data.ms

(9) Acenaphthene-d10 (I)

14.325min (-0.000) 0.40 ng/ul m

response 15426

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	103.90	104.39
160.00	49.20	80.01#
0.00	0.00	0.00

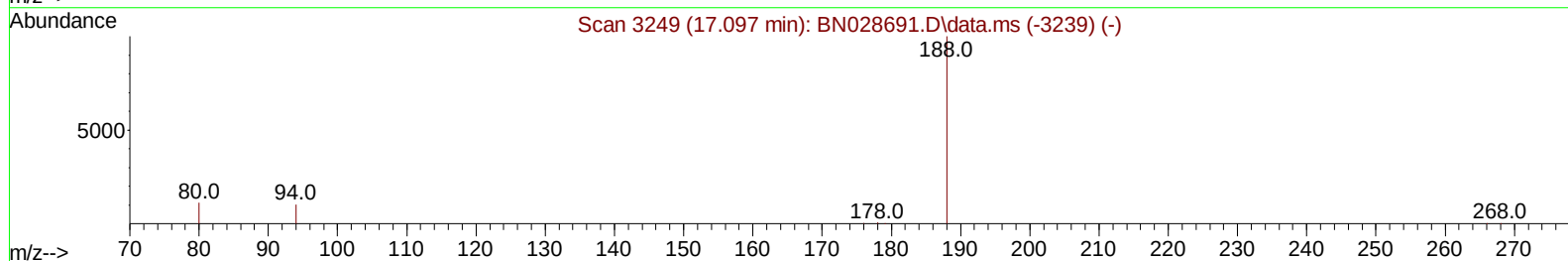
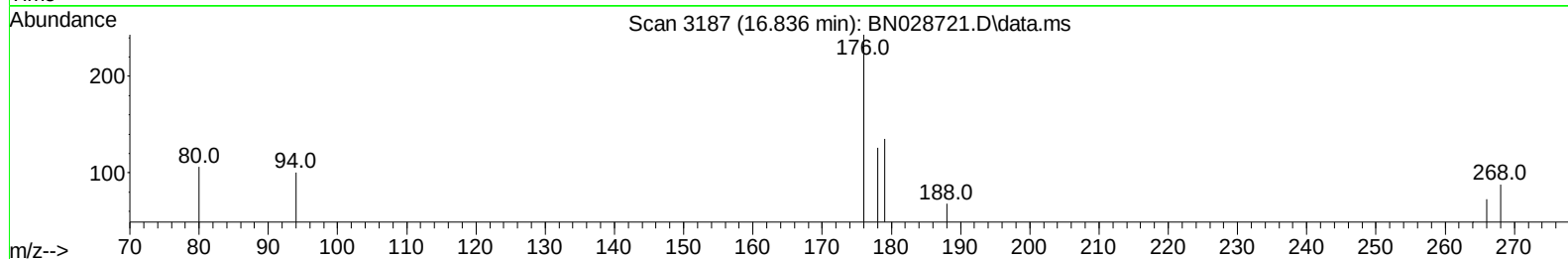
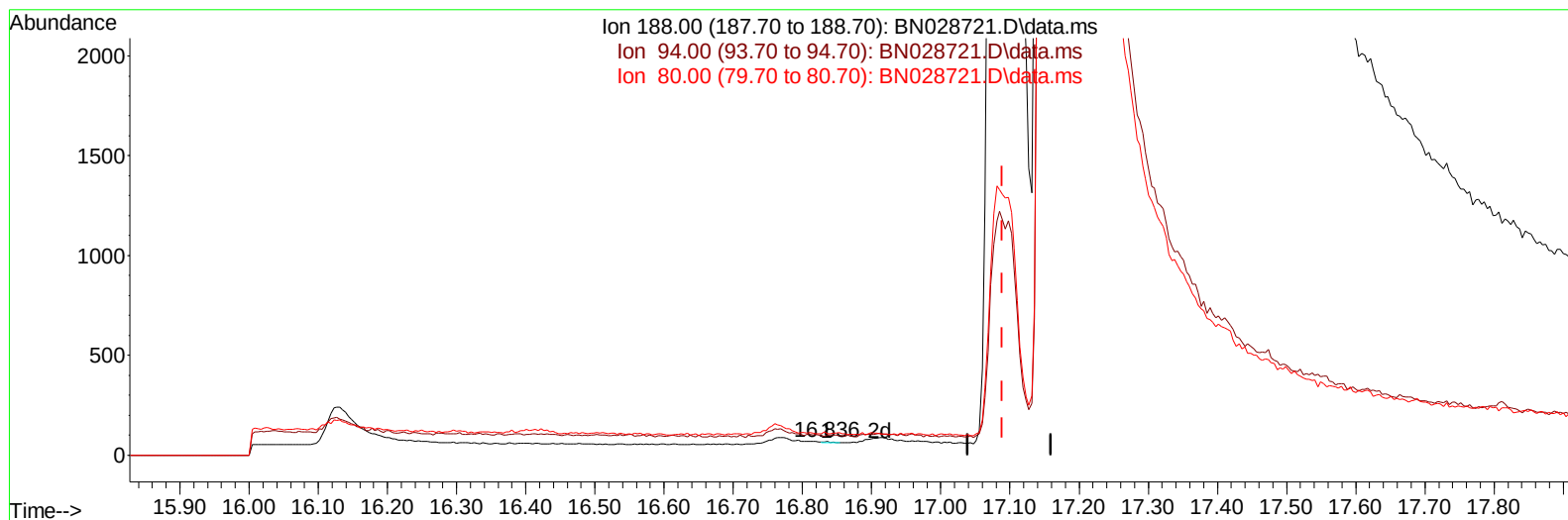
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028721.D
 Acq On : 18 Nov 2023 03:55
 Operator : MA/JU
 Sample : PB157216BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SBLK216

Manual IntegrationsAPPROVED

Quant Time: Nov 18 04:21:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Supervised By :mohammad ahmed 11/20/2023



TIC: BN028721.D\data.ms

(13) Phenanthrene-d10 (I)

16.836min (-0.253) 0.40 ng/u1

response 5

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.10	147.06#
80.00	10.90	155.88#
0.00	0.00	0.00

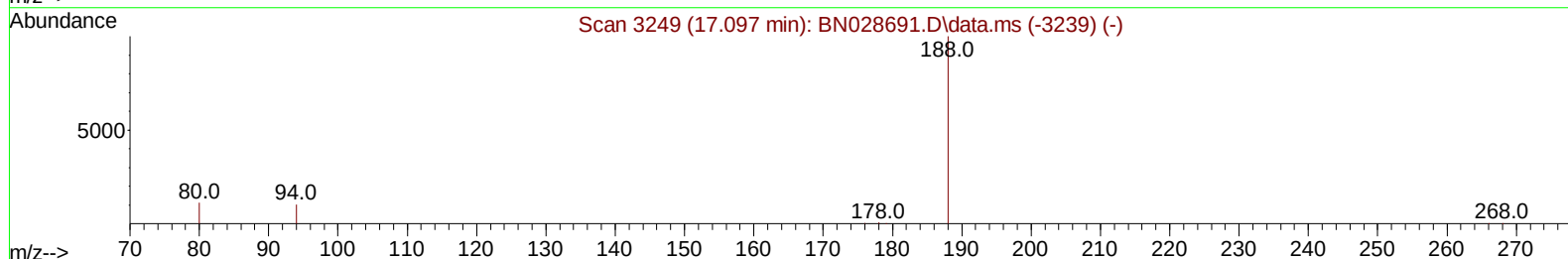
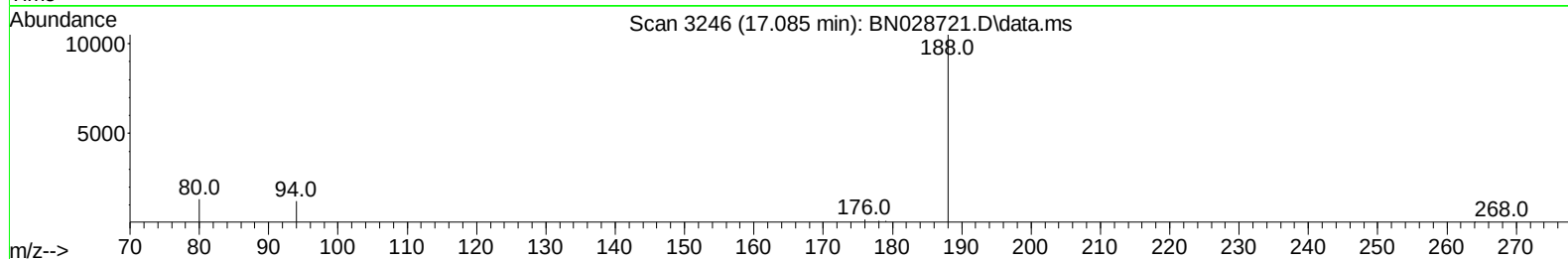
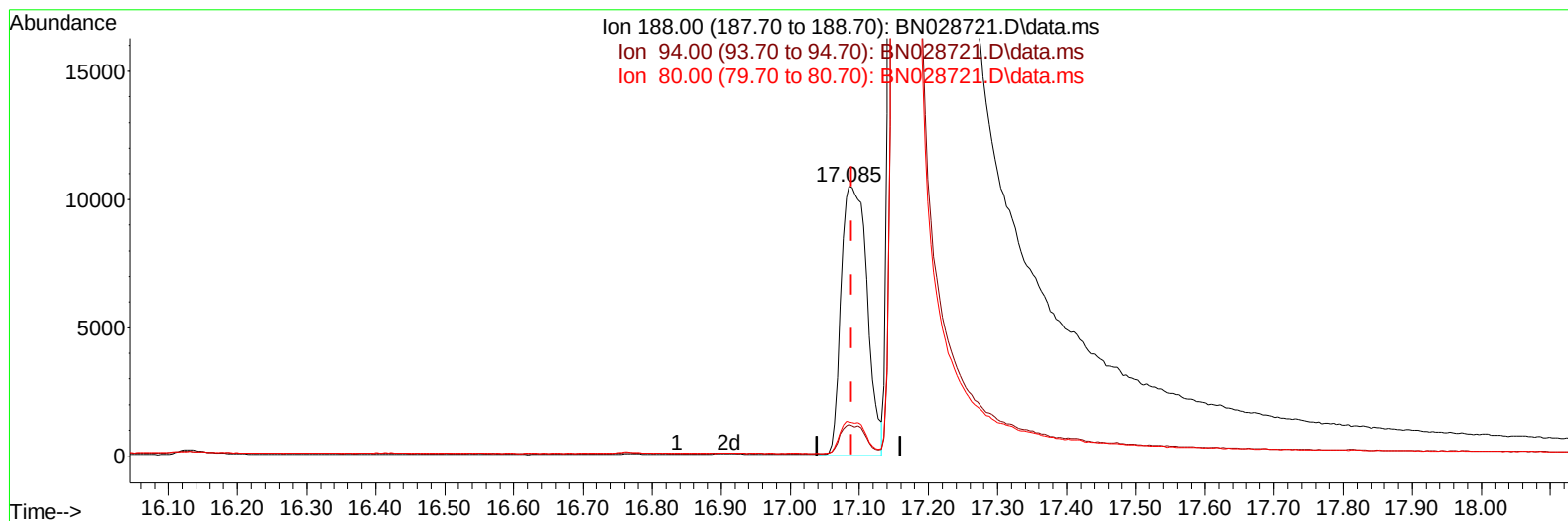
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 Data File : BN028721.D
 Acq On : 18 Nov 2023 03:55
 Operator : MA/JU
 Sample : PB157216BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SBLK216

Manual IntegrationsAPPROVED

Quant Time: Nov 18 04:21:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 09:39:27 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/19/2023
 Supervised By :mohammad ahmed 11/20/2023



TIC: BN028721.D\data.ms

(13) Phenanthrene-d10 (I)

17.085min (-0.004) 0.40 ng/ul m

response 27432

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.10	11.63
80.00	10.90	12.65
0.00	0.00	0.00

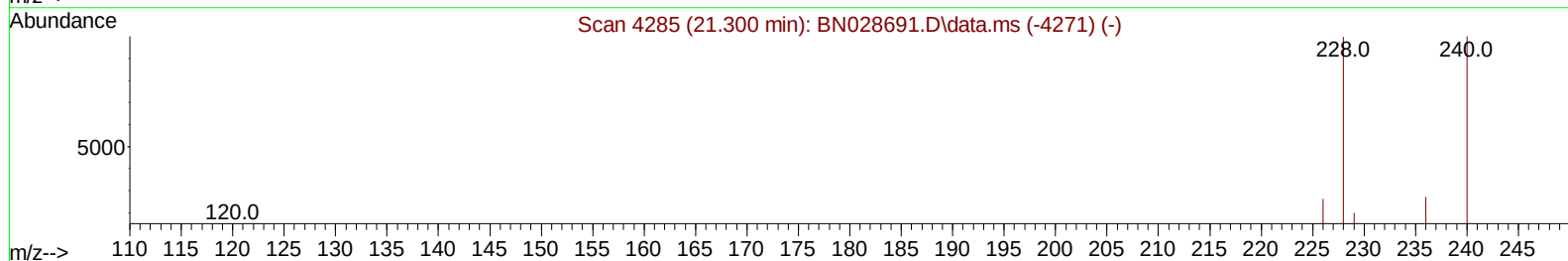
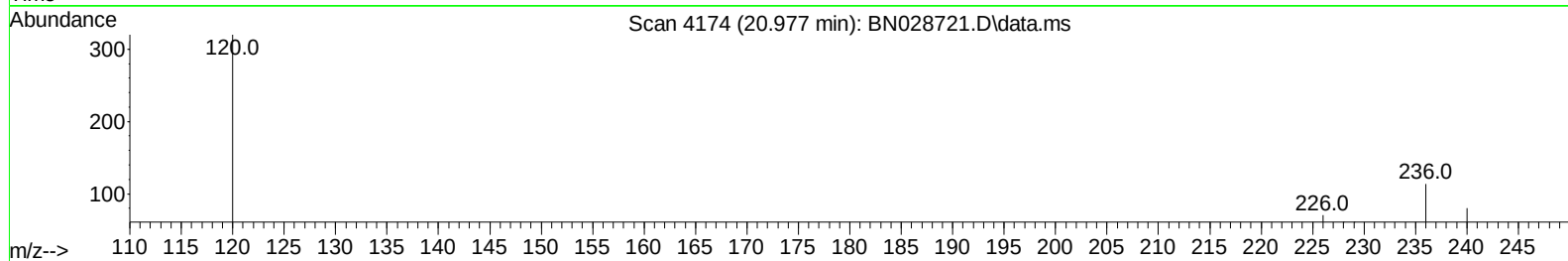
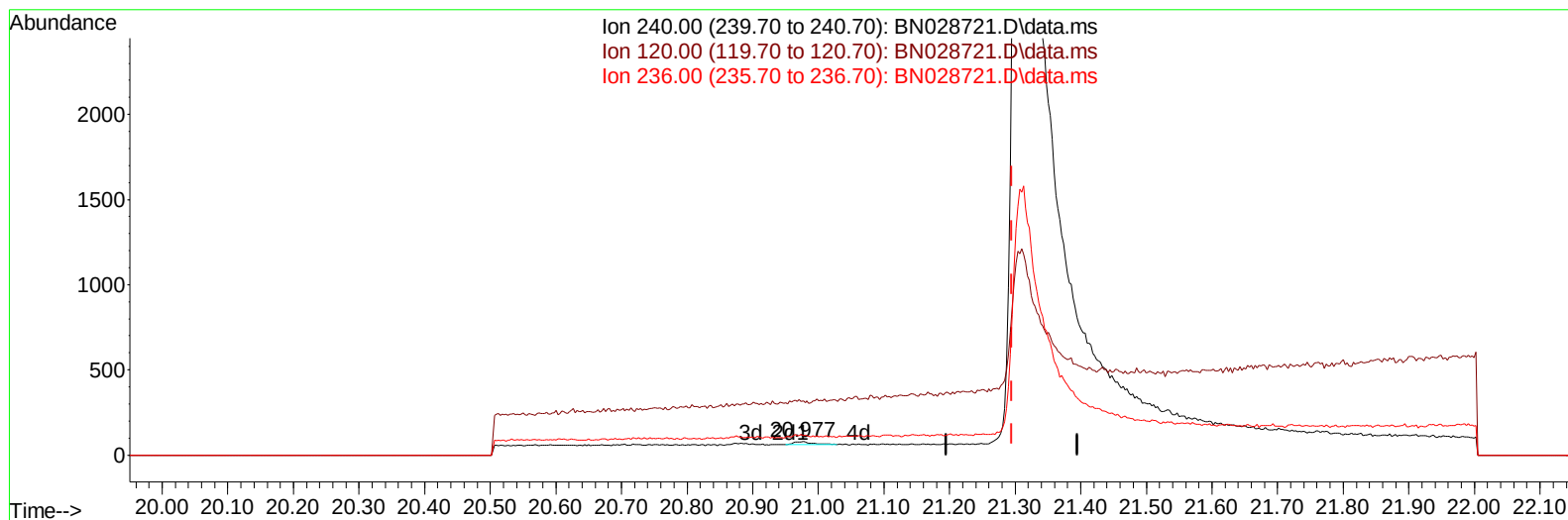
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028721.D
 Acq On : 18 Nov 2023 03:55
 Operator : MA/JU
 Sample : PB157216BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SBLK216

Manual IntegrationsAPPROVED

Quant Time: Nov 18 04:21:37 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 09:39:27 2023
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 Supervised By :mohammad ahmed 11/20/2023



TIC: BN028721.D\data.ms

(17) Chrysene-d12

20.977min (-0.318) 0.40 ng/u1

response 39

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.00	400.00#
236.00	28.00	142.50#
0.00	0.00	0.00

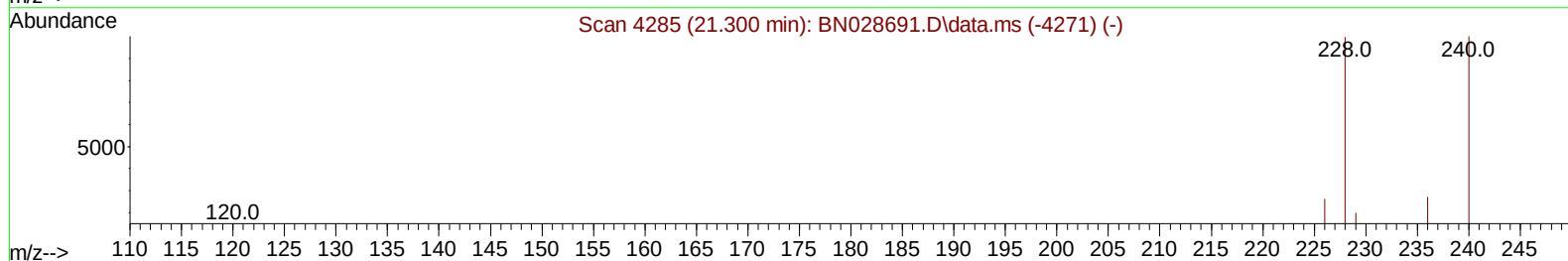
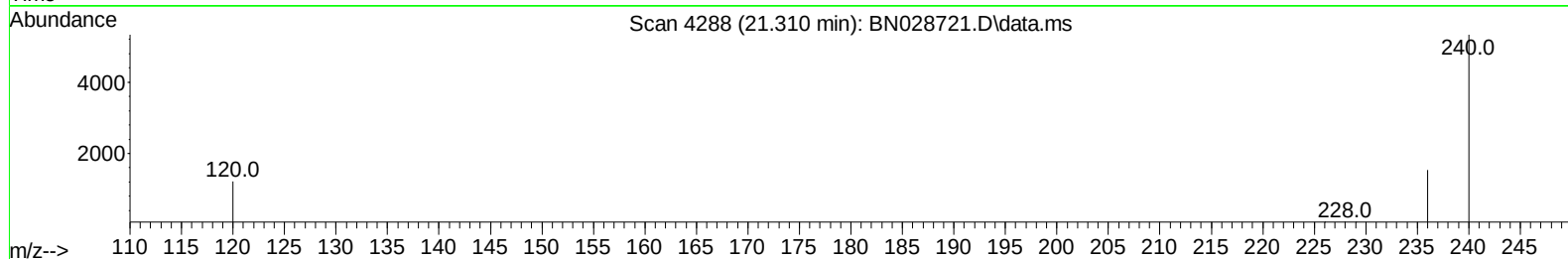
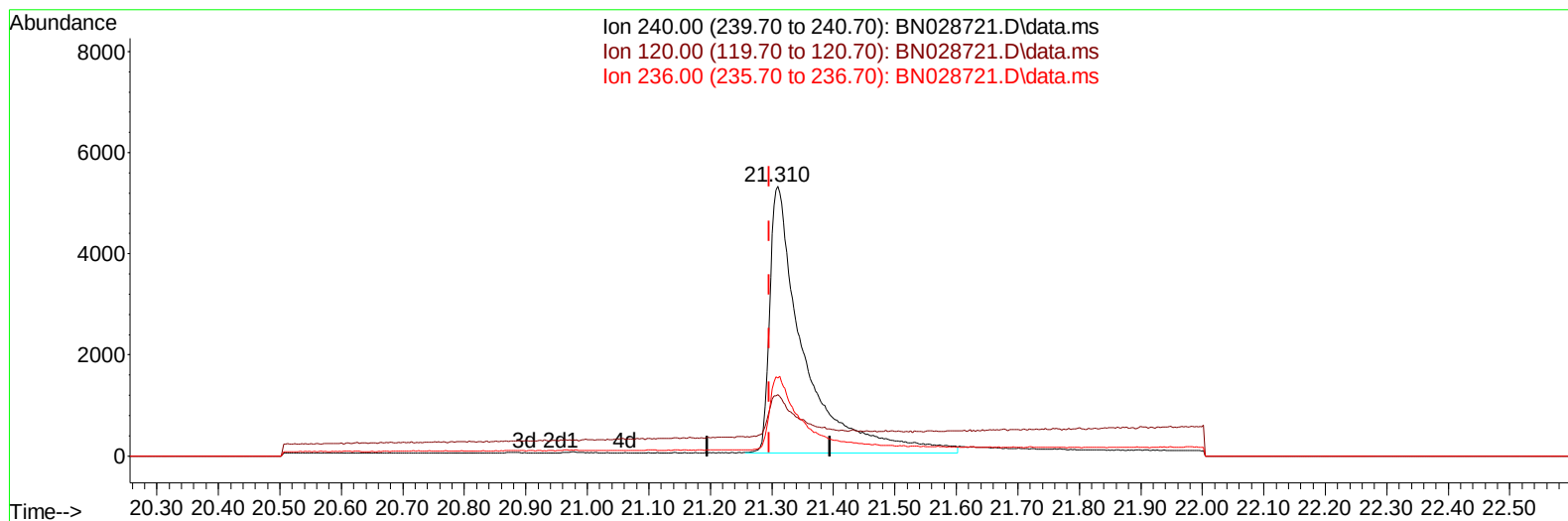
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028721.D
 Acq On : 18 Nov 2023 03:55
 Operator : MA/JU
 Sample : PB157216BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SBLK216

Manual IntegrationsAPPROVED

Quant Time: Nov 18 04:21:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 09:39:27 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/19/2023
 Supervised By :mohammad ahmed 11/20/2023



TIC: BN028721.D\data.ms

(17) Chrysene-d12

21.310min (+ 0.014) 0.40 ng/ul m

response 20288

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.00	22.72#
236.00	28.00	28.93
0.00	0.00	0.00

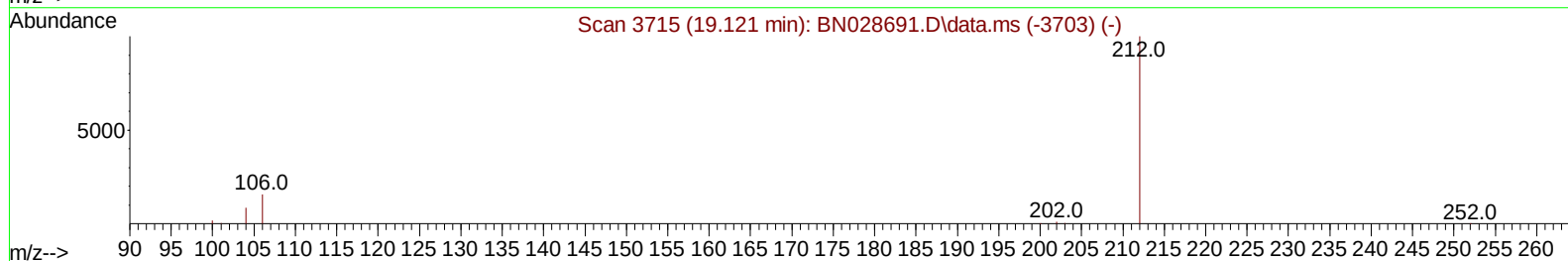
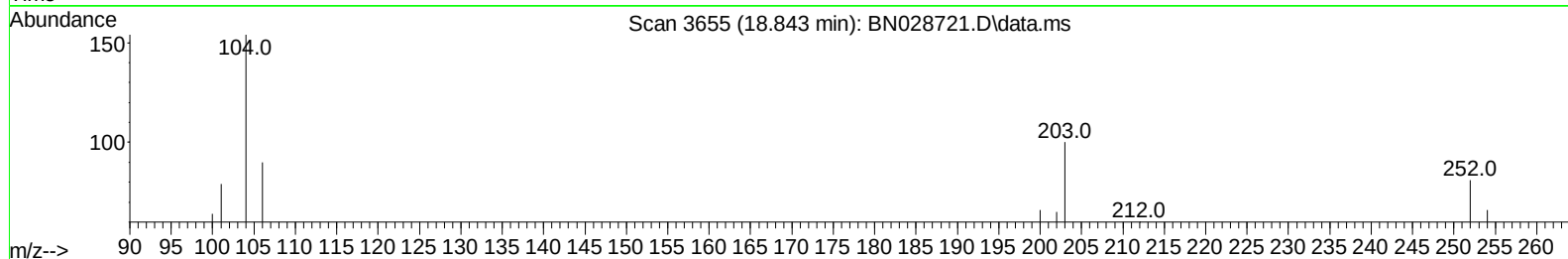
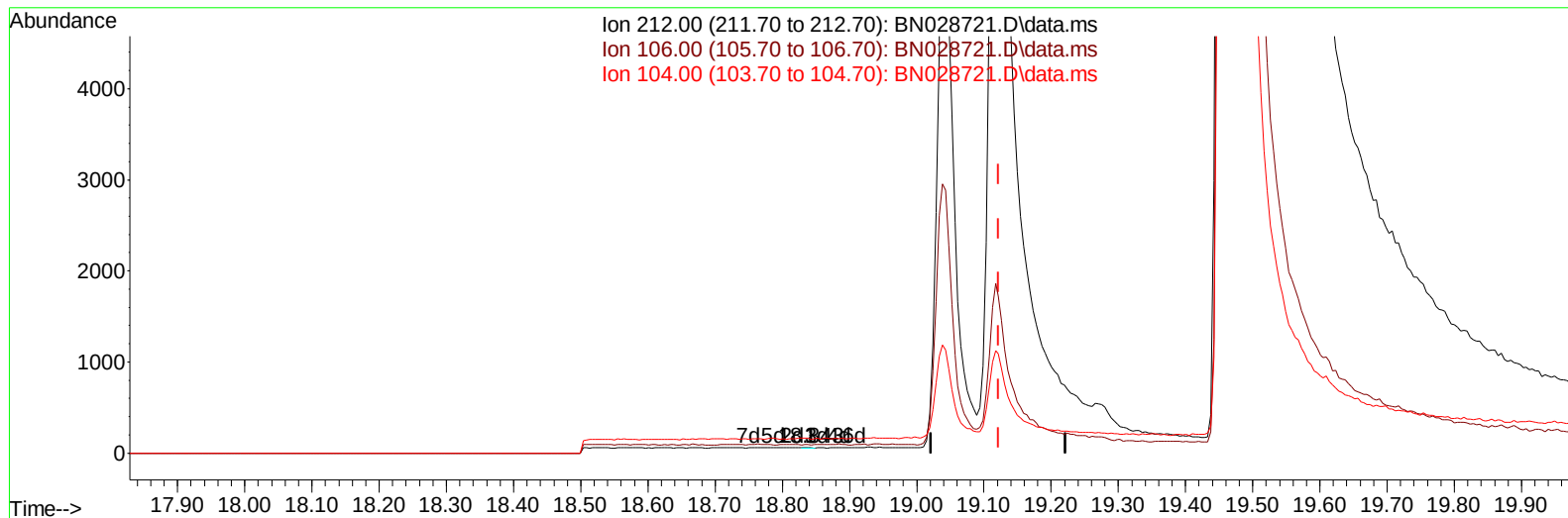
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028721.D
Acq On : 18 Nov 2023 03:55
Operator : MA/JU
Sample : PB157216BL
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SBLK216

Manual IntegrationsAPPROVED

Quant Time: Nov 18 04:21:37 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 09:39:27 2023
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Reviewed By :Yogesh Patel 11/19/2023
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TIC: BN028721.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.843min (-0.279) 0.00 ng/u1

response 3

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.80	133.33#
104.00	8.30	566.67#
0.00	0.00	0.00

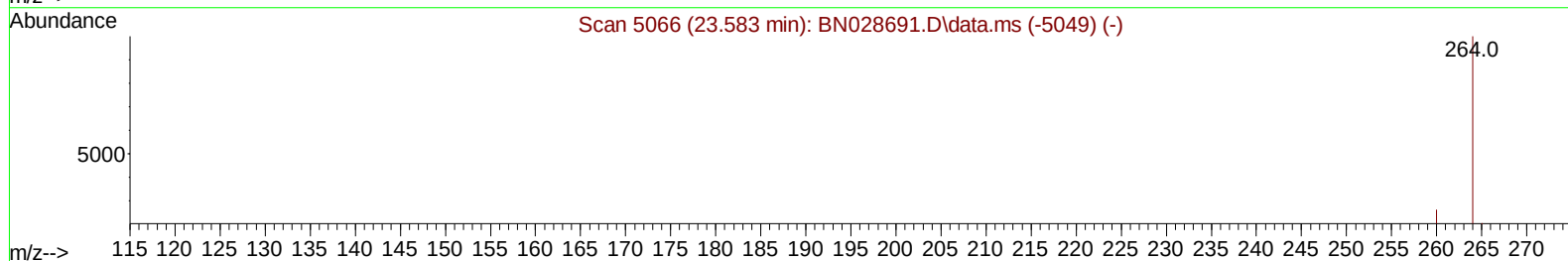
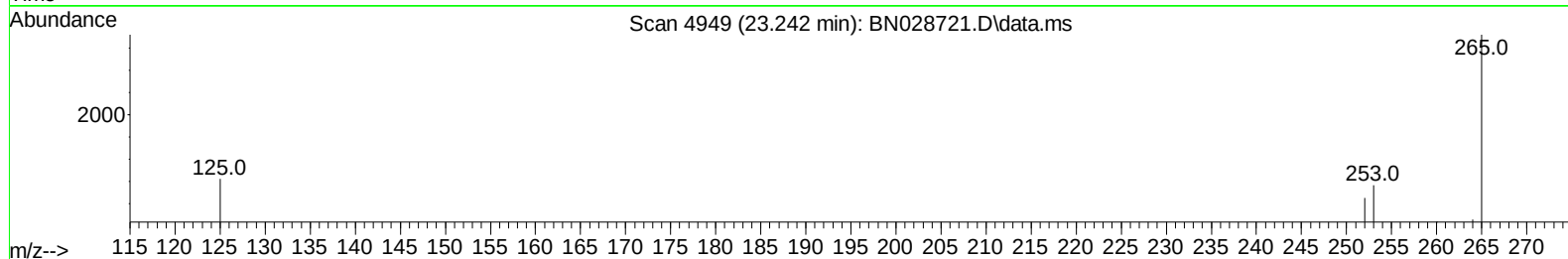
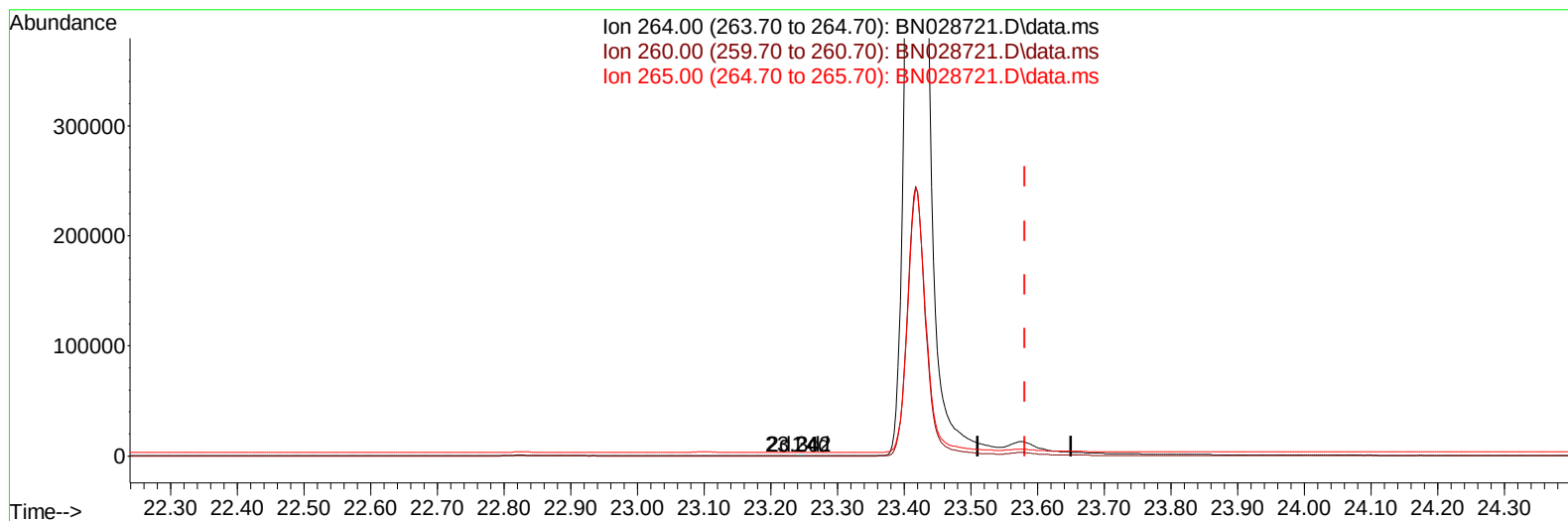
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028721.D
 Acq On : 18 Nov 2023 03:55
 Operator : MA/JU
 Sample : PB157216BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SBLK216

Manual IntegrationsAPPROVED

Quant Time: Nov 18 04:21:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 09:39:27 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/19/2023
 Supervised By :mohammad ahmed 11/20/2023



TIC: BN028721.D\data.ms

(23) Perylene-d12 (I)

23.242min (-0.339) 0.40 ng/u1

response 2

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.40	59.62#
265.00	38.80	3306.73#
0.00	0.00	0.00

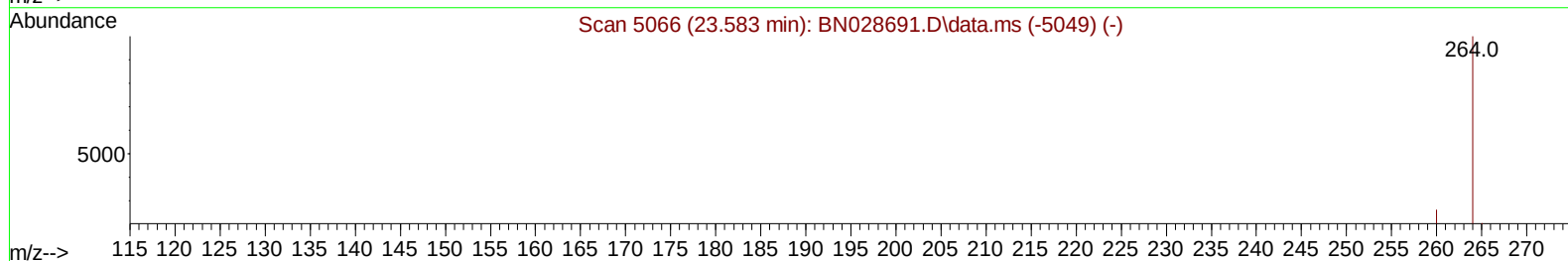
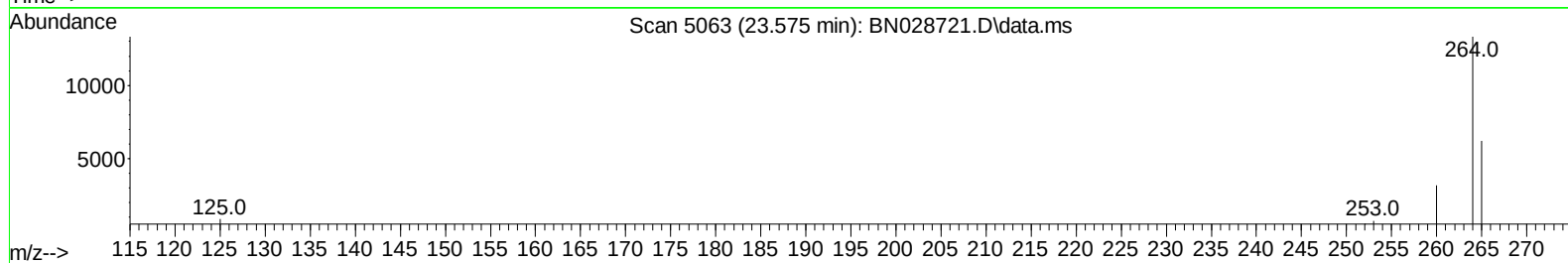
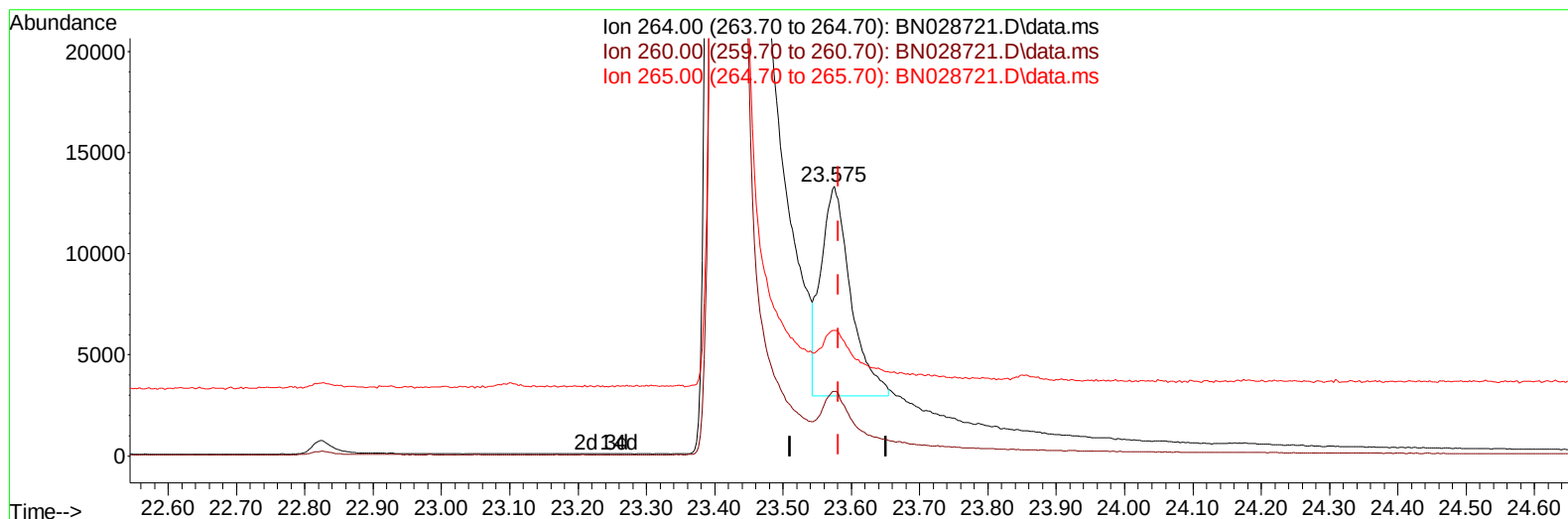
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028721.D
 Acq On : 18 Nov 2023 03:55
 Operator : MA/JU
 Sample : PB157216BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SBLK216

Manual IntegrationsAPPROVED

Quant Time: Nov 18 04:21:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 09:39:27 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/19/2023
 Supervised By :mohammad ahmed 11/20/2023



TIC: BN028721.D\data.ms

(23) Perylene-d12 (I)

23.575min (-0.006) 0.40 ng/ul m

response 31234

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.40	24.02
265.00	38.80	46.65#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028721.D
 Acq On : 18 Nov 2023 03:55
 Operator : MA/JU
 Sample : PB157216BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SBLK216

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/19/2023
 Supervised By :mohammad ahmed 11/20/2023

Quant Time: Nov 18 04:21:37 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.732	152	7086m	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.479	136	19763m	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.325	164	15426m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.085	188	27432m	0.400	ng/ul	0.00
17) Chrysene-d12	21.310	240	20288m	0.400	ng/ul	0.01
23) Perylene-d12	23.575	264	31234m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.116	96	60646	7.744	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.150	152	6670m	0.224	ng/ul	0.04
18) Fluoranthene-d10	19.122	212	24874m	0.381	ng/ul	0.00

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
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Operator : MA/JU
Sample : PB157216BL
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SBLK216

Manual IntegrationsAPPROVED

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