

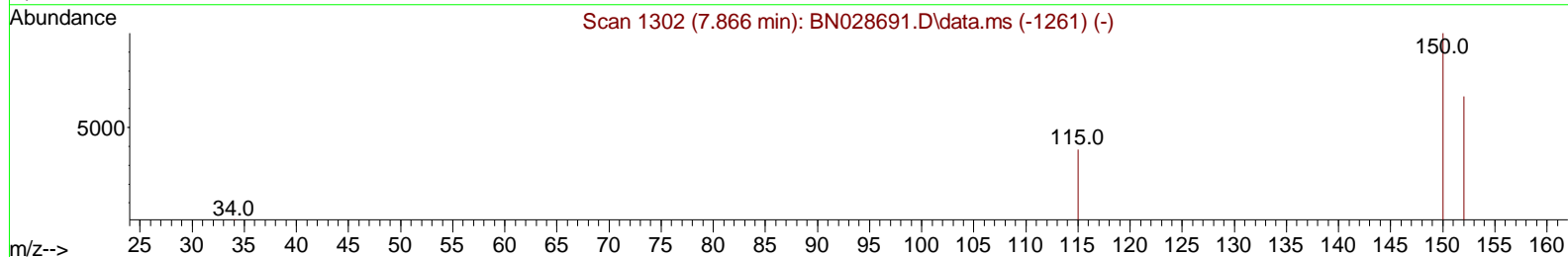
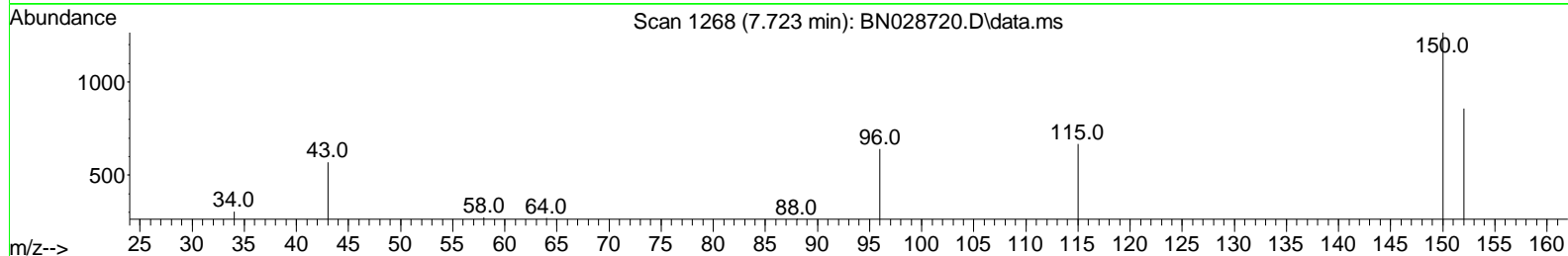
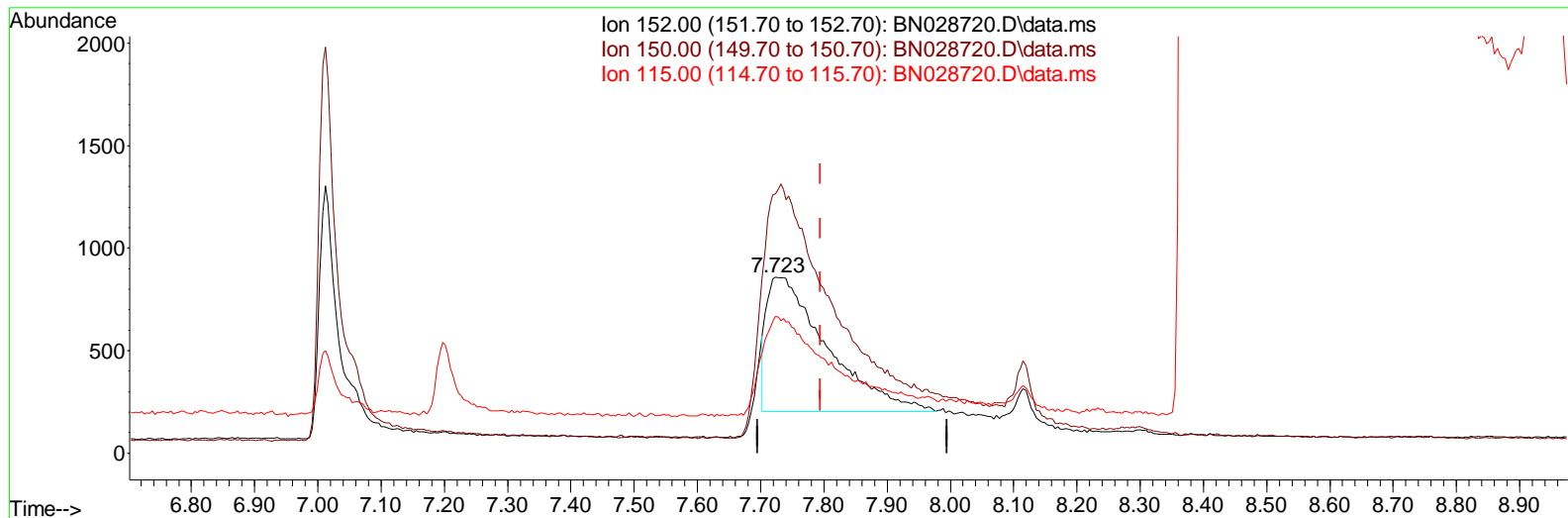
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028720.D
 Acq On : 18 Nov 2023 03:19
 Operator : MA/JU
 Sample : PB157214BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SBLK214

Manual Integrations APPROVED

Quant Time: Nov 18 03:50:33 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: BN028720.D\data.ms

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

7.723min (-0.072) 0.40 ng/ul

response 4327

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	147.26
115.00	62.20	77.76#
0.00	0.00	0.00

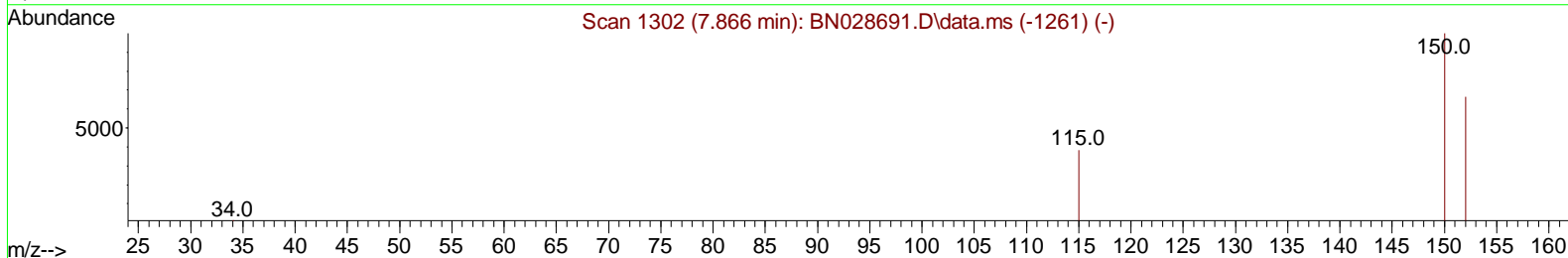
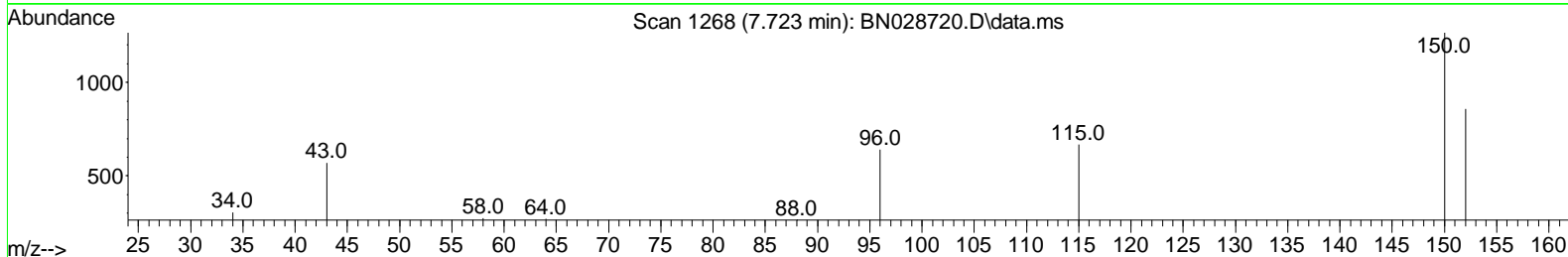
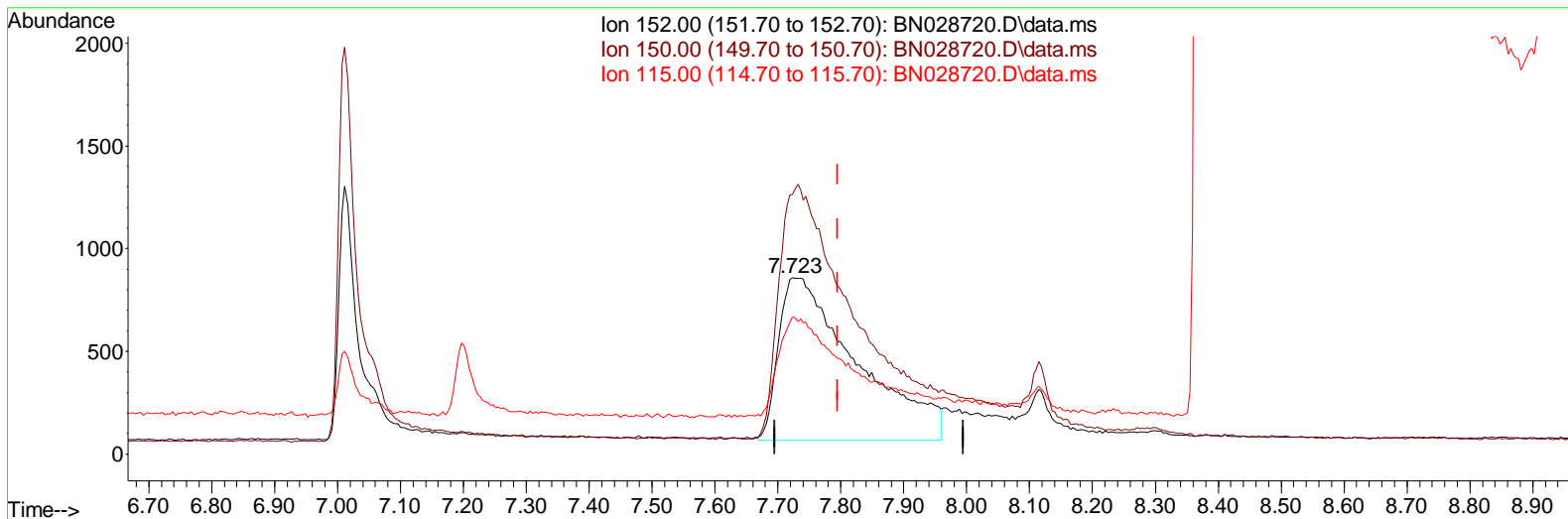
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028720.D
 Acq On : 18 Nov 2023 03:19
 Operator : MA/JU
 Sample : PB157214BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SBLK214

Manual Integrations APPROVED

Quant Time: Nov 18 03:50:33 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Reviewed By :Yogesh Patel 11/19/2023
 Supervised By :mohammad ahmed 11/20/2023



TIC: BN028720.D\data.ms

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

7.723min (-0.072) 0.40 ng/ul m

response	6876	
Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	147.26
115.00	62.20	77.76#
0.00	0.00	0.00

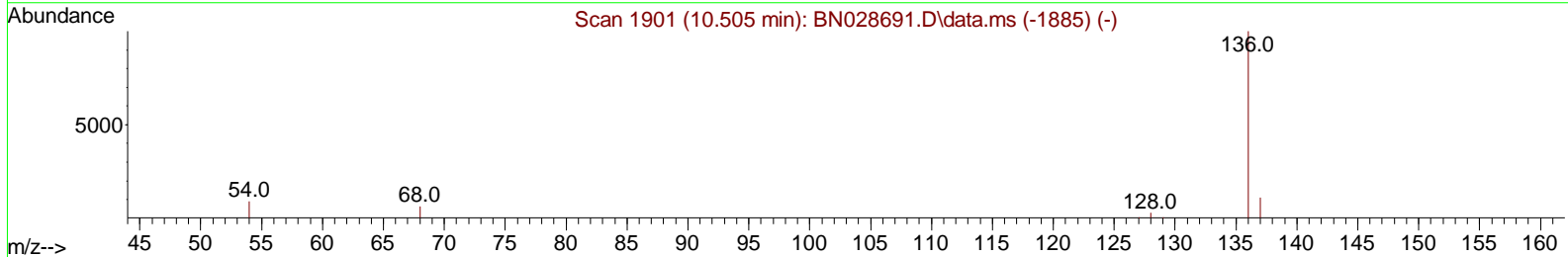
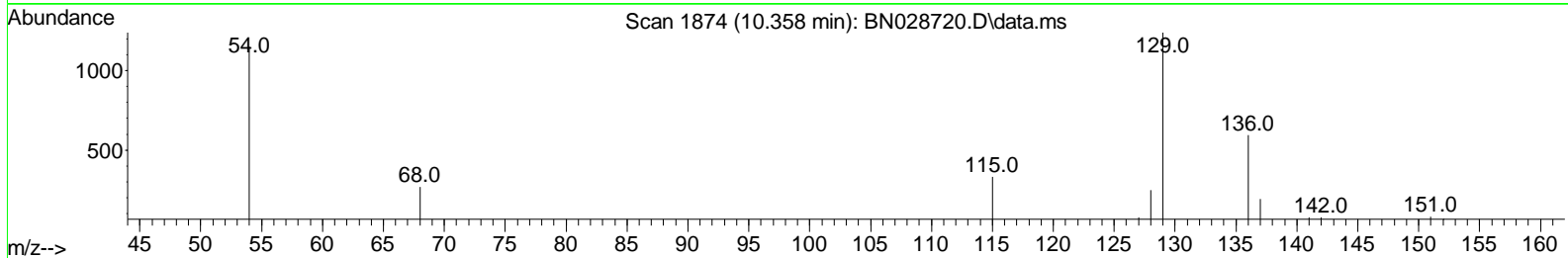
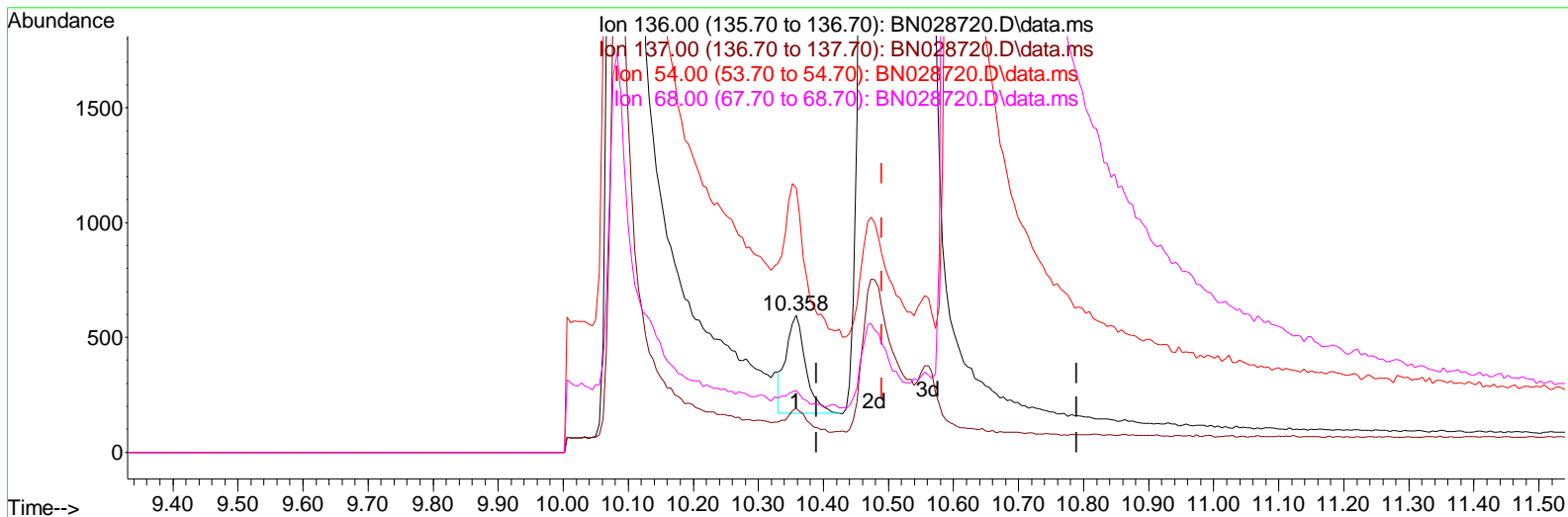
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028720.D
 Acq On : 18 Nov 2023 03:19
 Operator : MA/JU
 Sample : PB157214BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SBLK214

Manual Integrations APPROVED

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

Quant Time: Nov 18 03:50:33 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BN028720.D\data.ms

(4) Naphthalene-d8 (I)

10.358min (-0.132) 0.40 ng/ul

response 887

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	32.38#
54.00	9.00	193.29#
68.00	7.10	45.30#

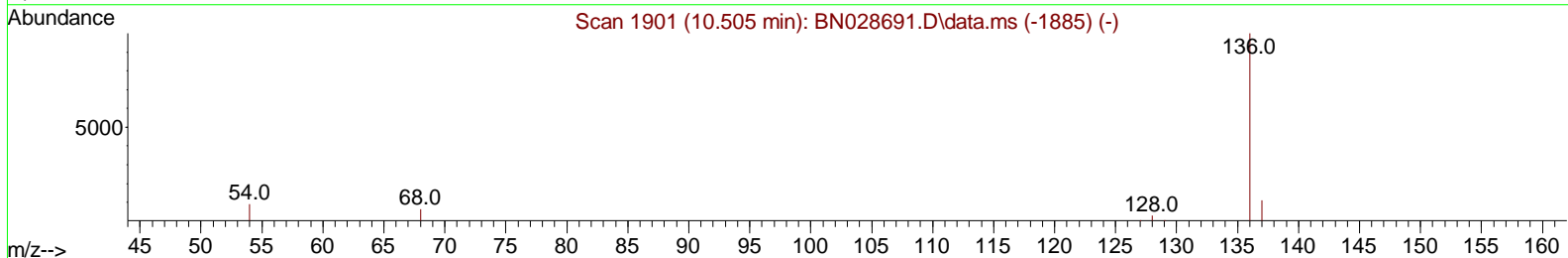
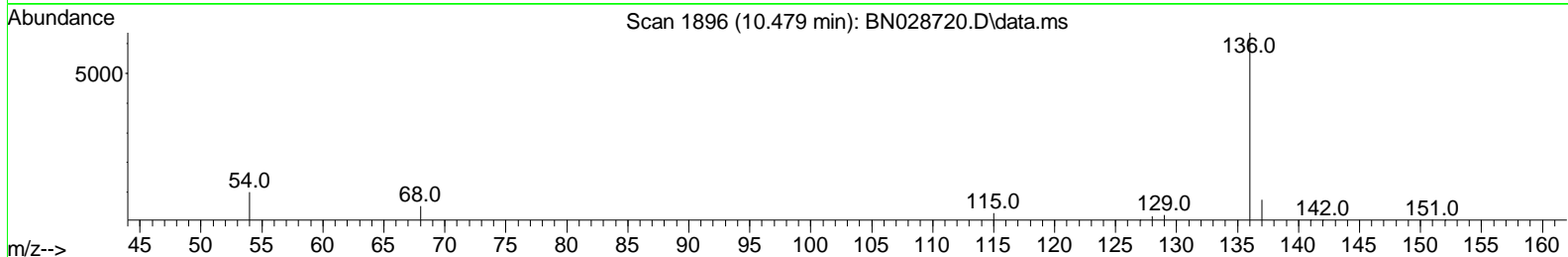
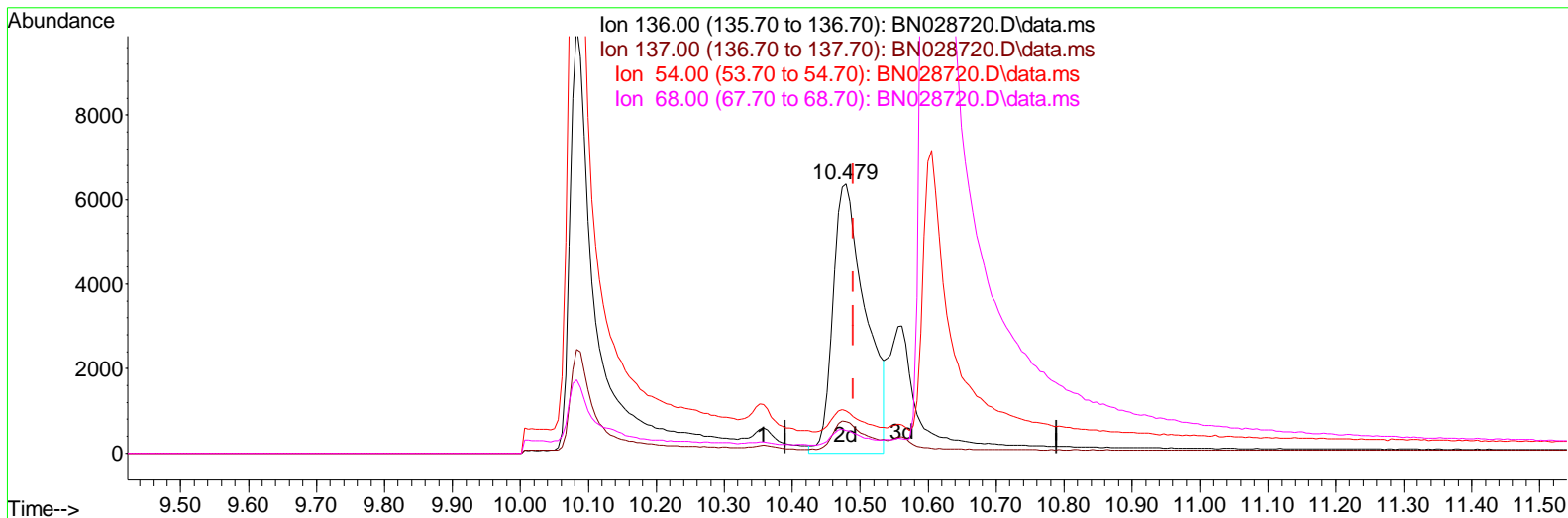
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028720.D
 Acq On : 18 Nov 2023 03:19
 Operator : MA/JU
 Sample : PB157214BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SBLK214

Manual Integrations APPROVED

Quant Time: Nov 18 03:50:33 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: BN028720.D\data.ms

(4) Naphthalene-d8 (I)

10.479min (-0.011) 0.40 ng/ul m

response 21148

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	11.80
54.00	9.00	15.70#
68.00	7.10	8.35

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028720.D
 Acq On : 18 Nov 2023 03:19
 Operator : MA/JU
 Sample : PB157214BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

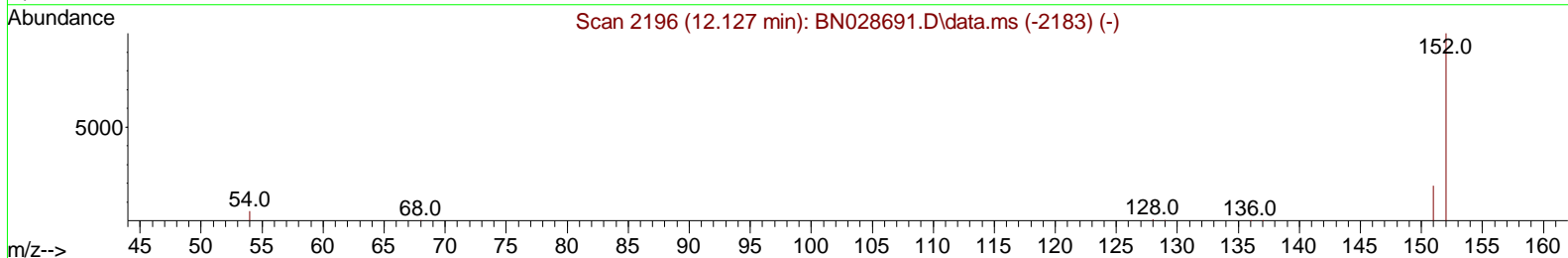
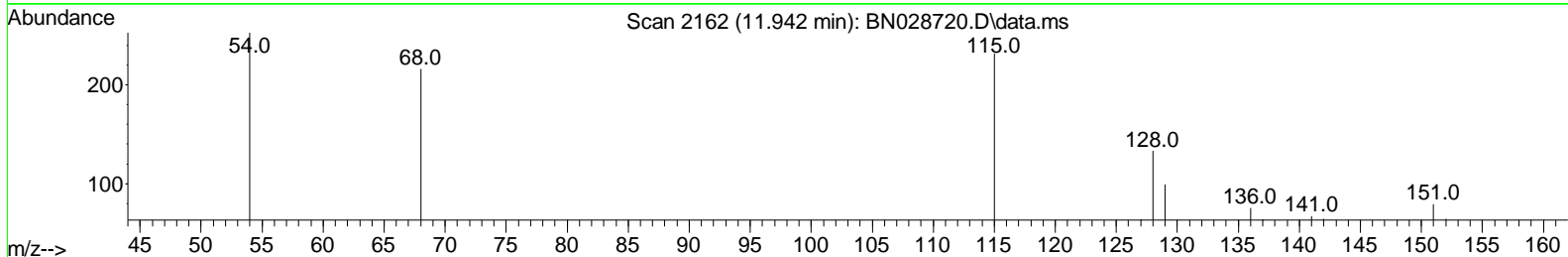
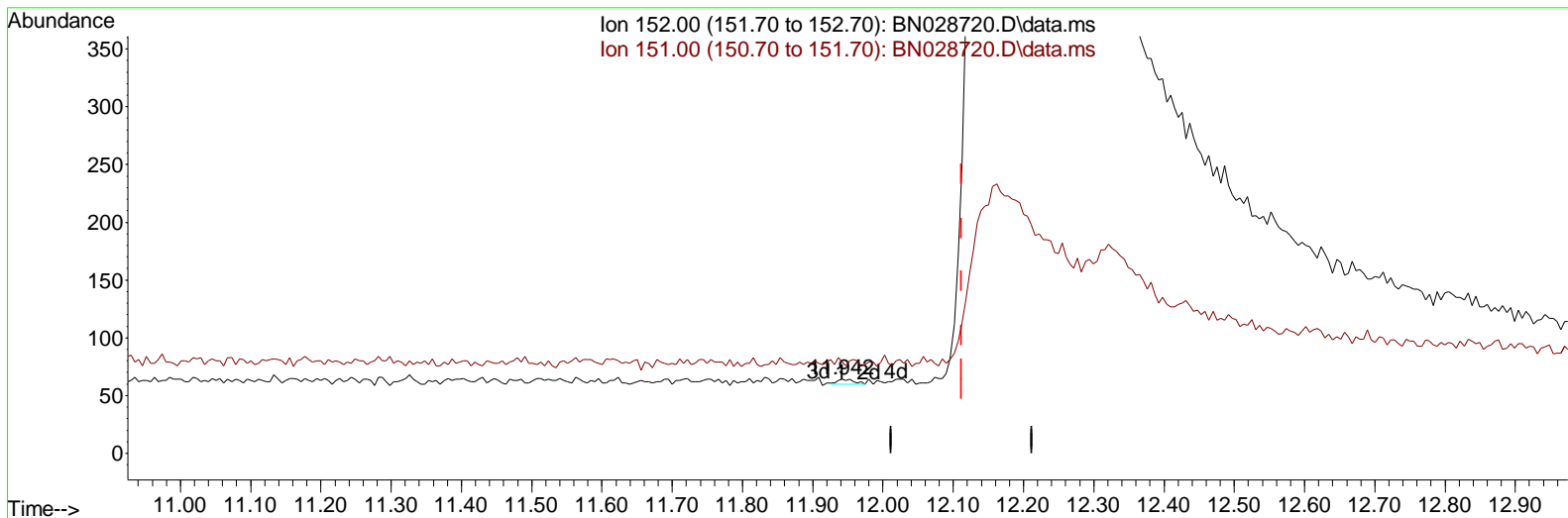
SBLK214

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/19/2023

Supervised By :mohammad ahmed 11/20/2023

Quant Time: Nov 18 03:50:33 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BN028720.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

11.942min (-0.170) 0.00 ng/ul

response 7

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.50	57.14#
0.00	0.00	0.00
0.00	0.00	0.00

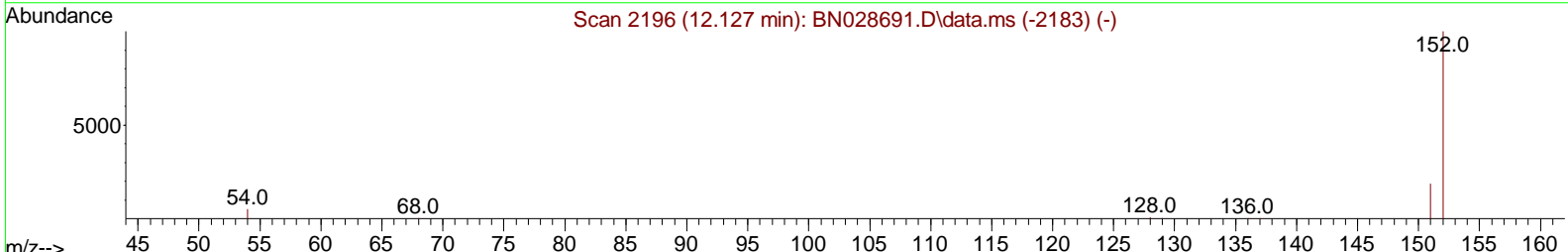
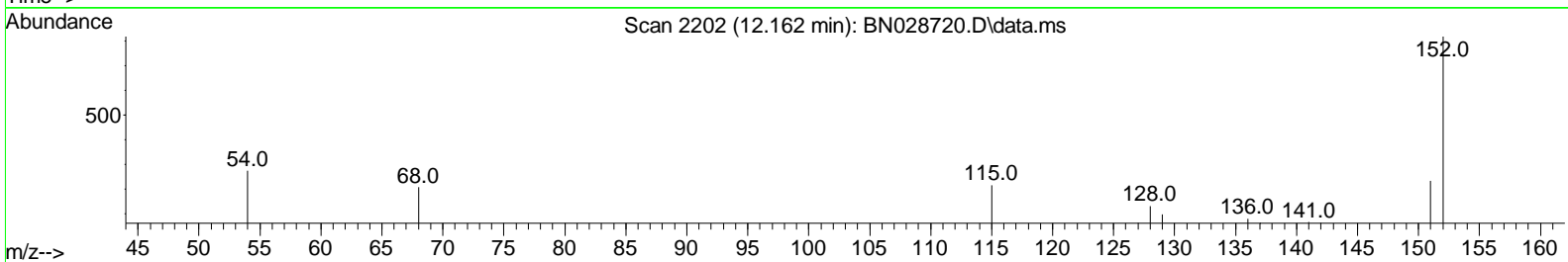
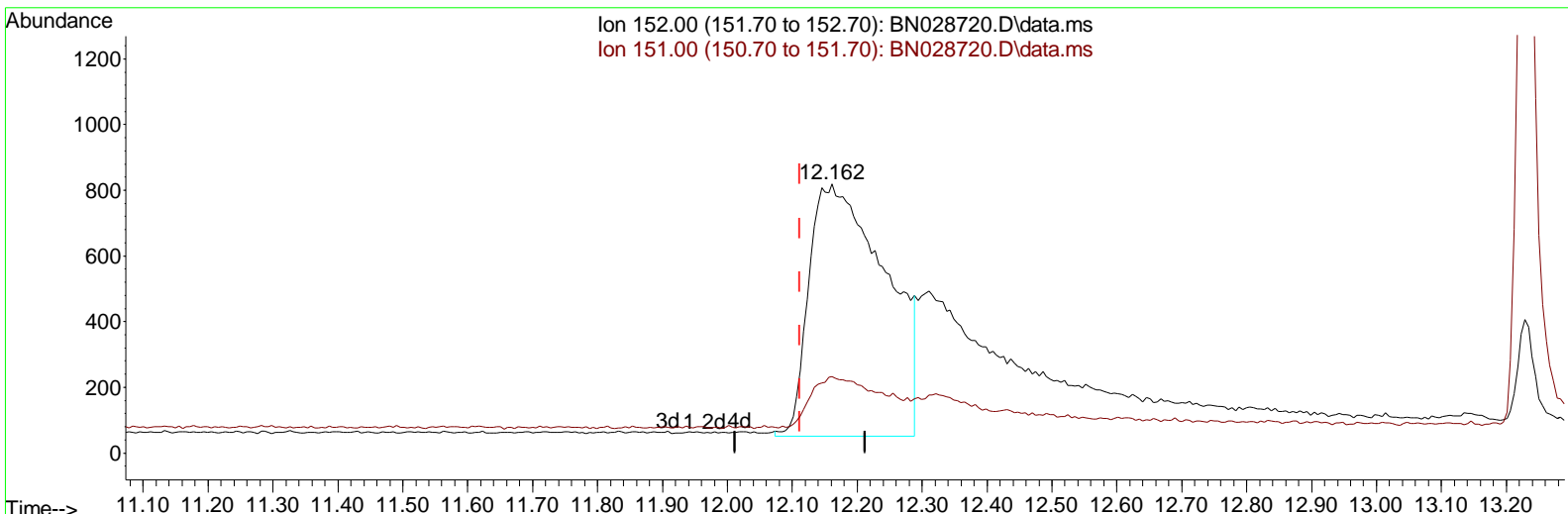
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028720.D
 Acq On : 18 Nov 2023 03:19
 Operator : MA/JU
 Sample : PB157214BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SBLK214

Manual Integrations APPROVED

Quant Time: Nov 18 03:50:33 2023
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TIC: BN028720.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.162min (+ 0.050) 0.20 ng/ul m

response 6273

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.50	0.06#
0.00	0.00	0.00
0.00	0.00	0.00

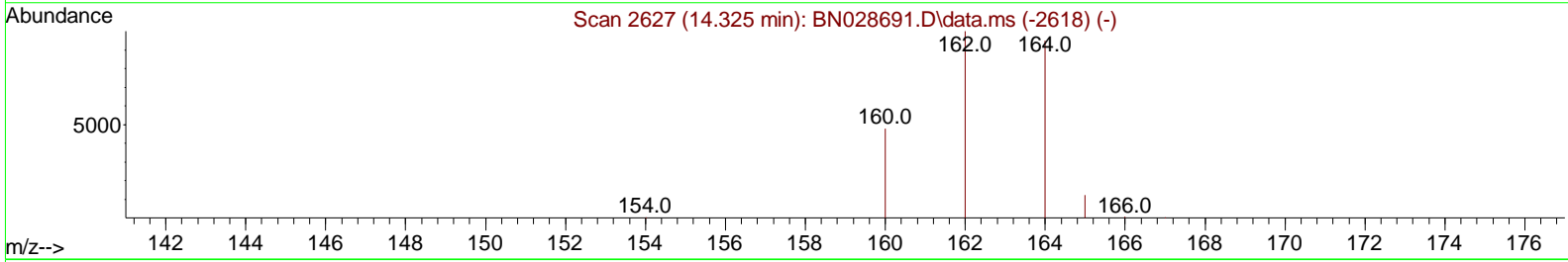
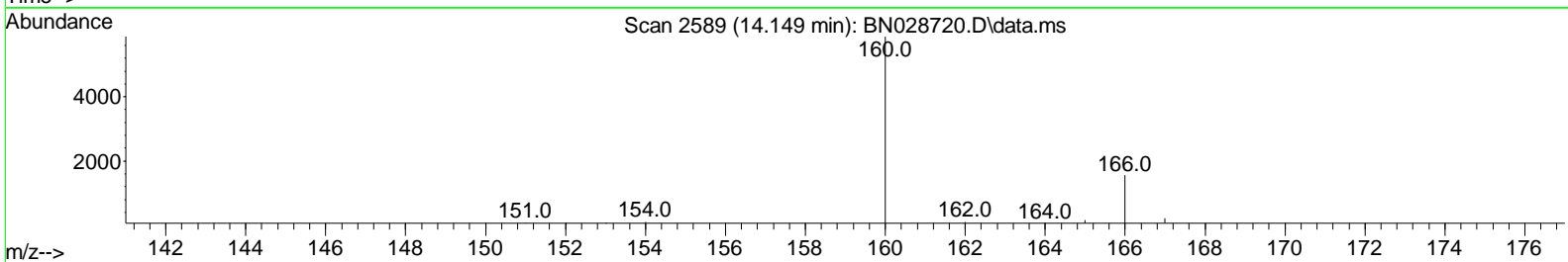
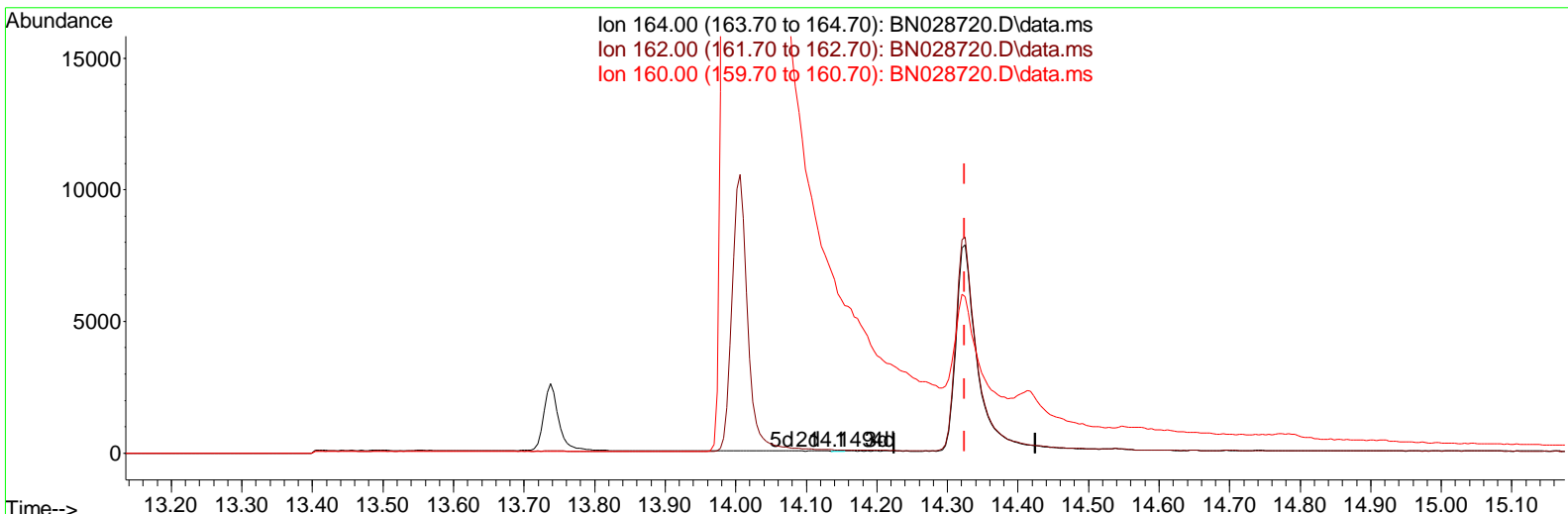
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028720.D
 Acq On : 18 Nov 2023 03:19
 Operator : MA/JU
 Sample : PB157214BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
ClientSampleId :
 SBLK214

Manual IntegrationsAPPROVED

Quant Time: Nov 18 03:50:33 2023
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TIC: BN028720.D\data.ms

(9) Acenaphthene-d10 (I)

14.149min (-0.176) 0.40 ng/ul

response 2

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	103.90	139.74#
160.00	49.20	7529.49#
0.00	0.00	0.00

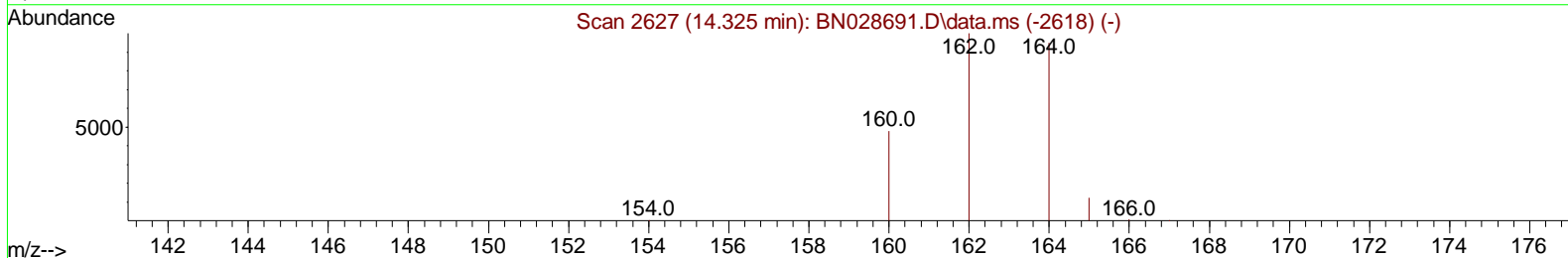
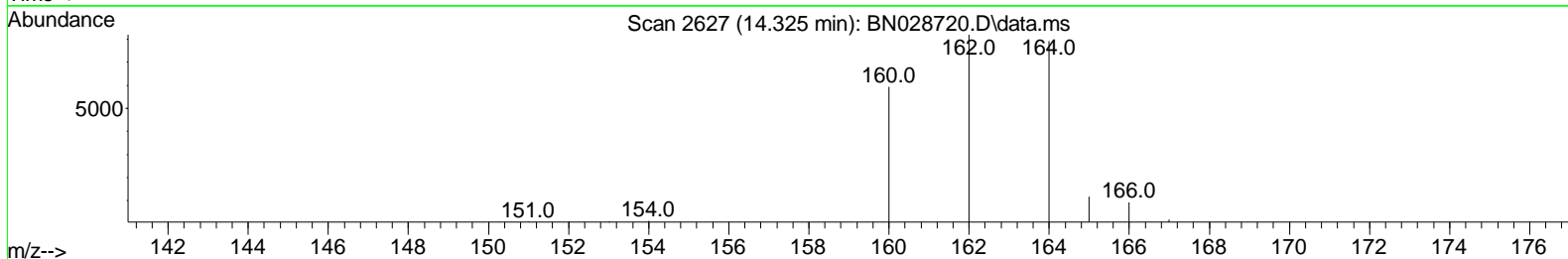
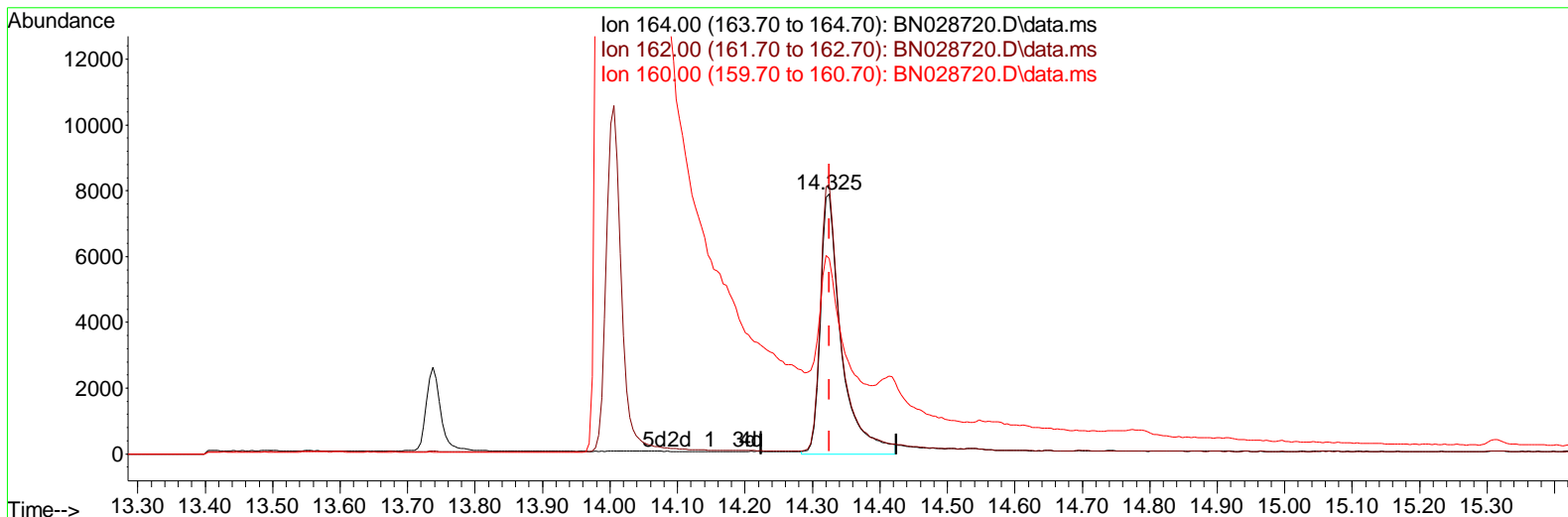
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028720.D
 Acq On : 18 Nov 2023 03:19
 Operator : MA/JU
 Sample : PB157214BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SBLK214

Manual Integrations APPROVED

Quant Time: Nov 18 03:50:33 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: BN028720.D\data.ms

(9) Acenaphthene-d10 (I)

14.325min (+ 0.000) 0.40 ng/ul m

response 16997

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	103.90	103.63
160.00	49.20	75.04#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028720.D
 Acq On : 18 Nov 2023 03:19
 Operator : MA/JU
 Sample : PB157214BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

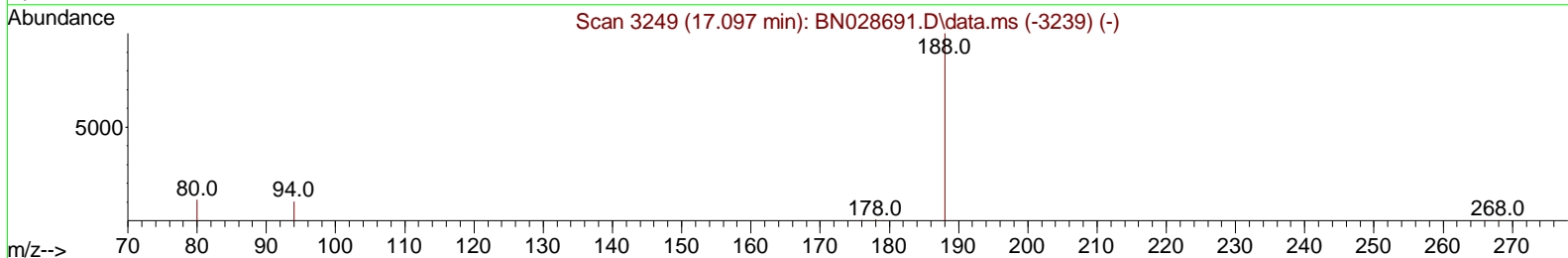
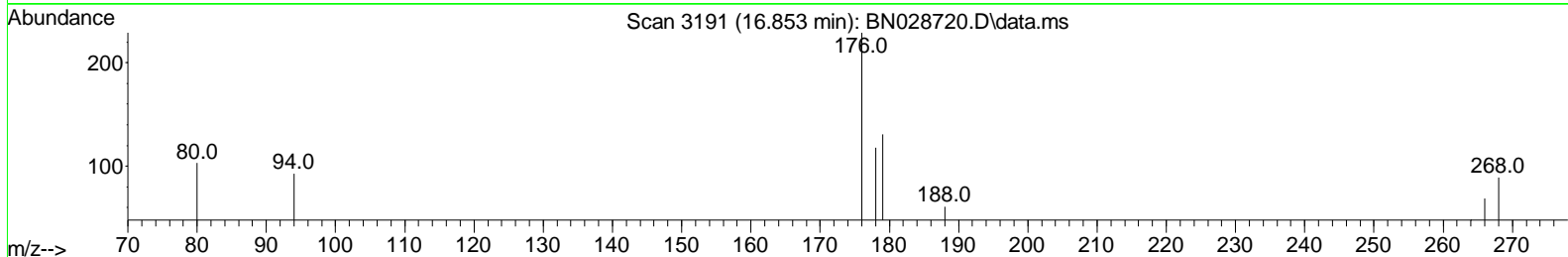
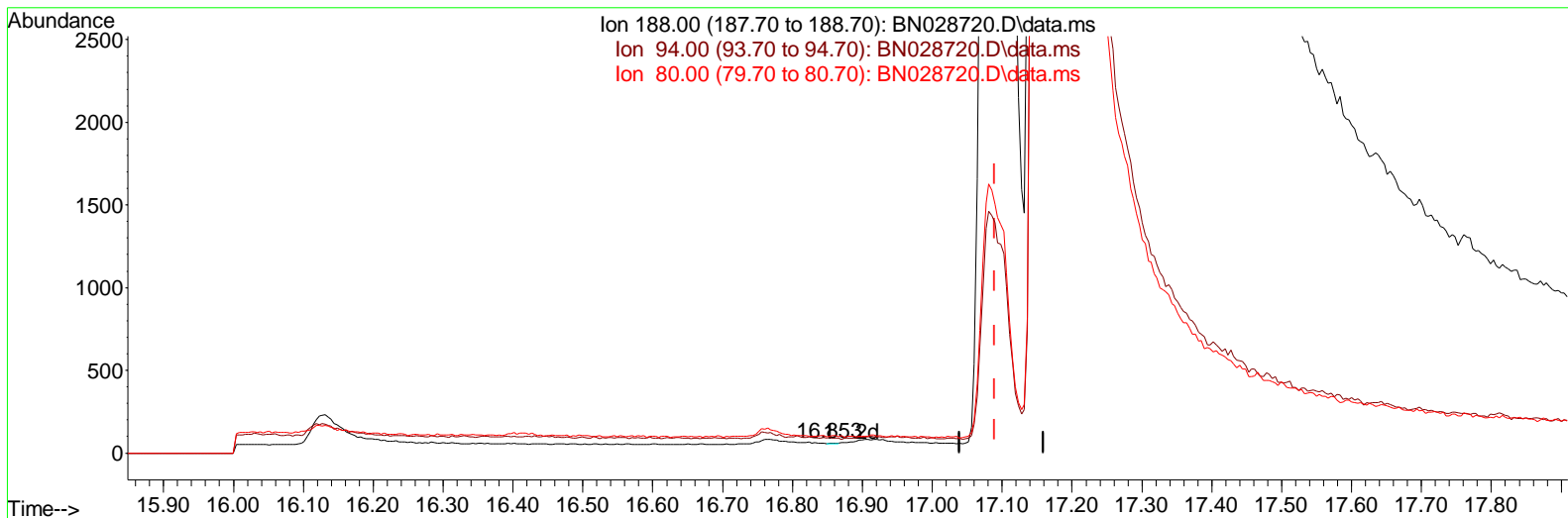
SBLK214

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/19/2023

Supervised By :mohammad ahmed 11/20/2023

Quant Time: Nov 18 03:50:33 2023
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TIC: BN028720.D\data.ms

(13) Phenanthrene-d10 (I)

16.853min (-0.236) 0.40 ng/ul

response	3	
Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.10	152.46#
80.00	10.90	168.85#
0.00	0.00	0.00

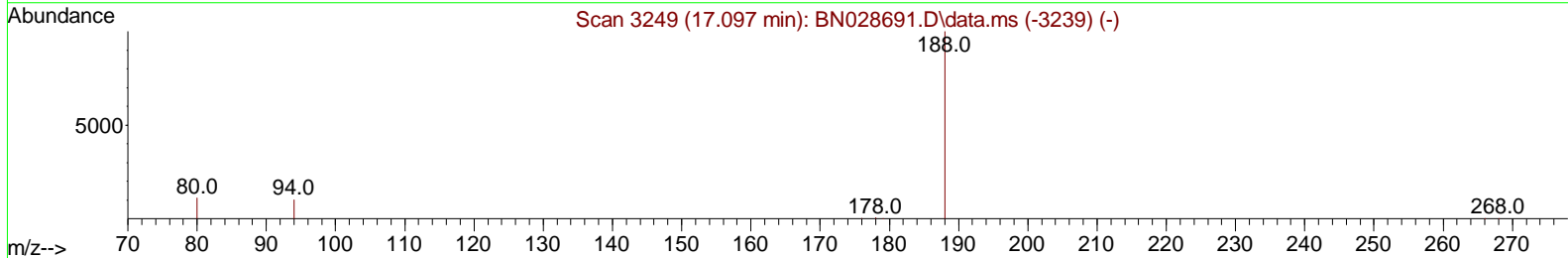
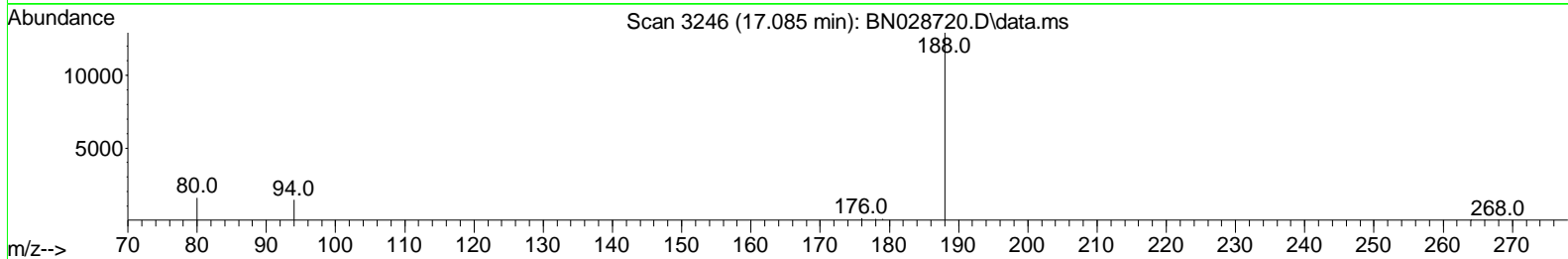
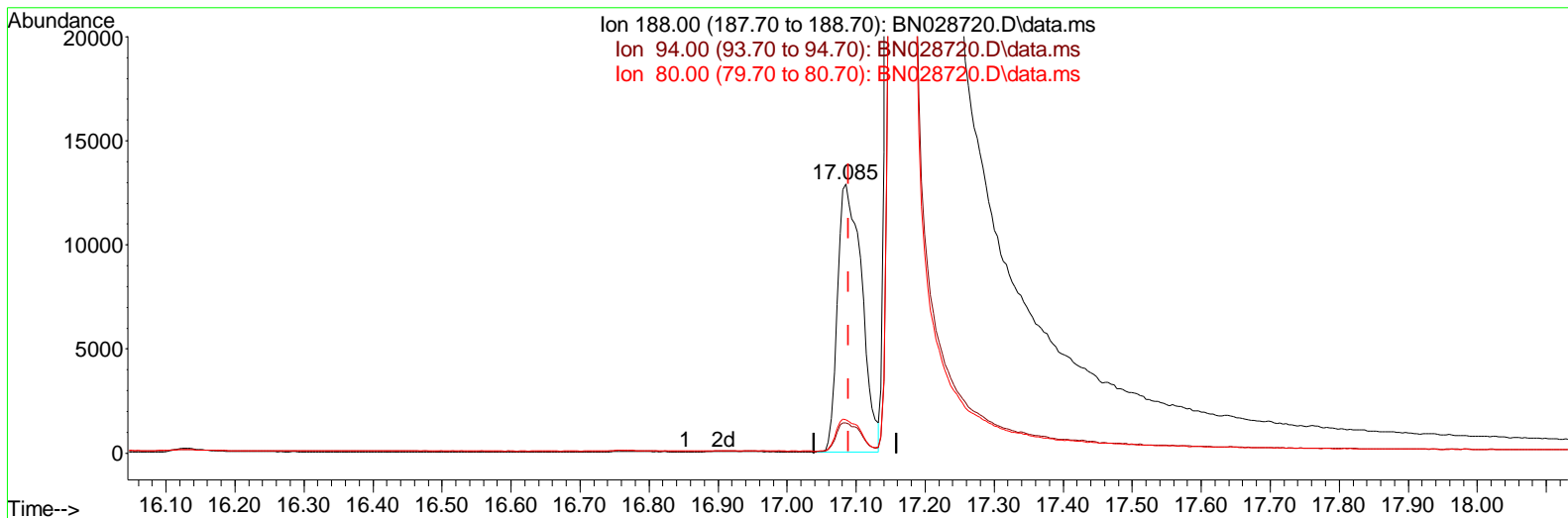
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028720.D
 Acq On : 18 Nov 2023 03:19
 Operator : MA/JU
 Sample : PB157214BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
ClientSampleId :
 SBLK214

Manual Integrations APPROVED

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

Quant Time: Nov 18 03:50:33 2023
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TIC: BN028720.D\data.ms

(13) Phenanthrene-d10 (I)

17.085min (-0.004) 0.40 ng/ul m

response 31214

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.10	11.11
80.00	10.90	12.29
0.00	0.00	0.00

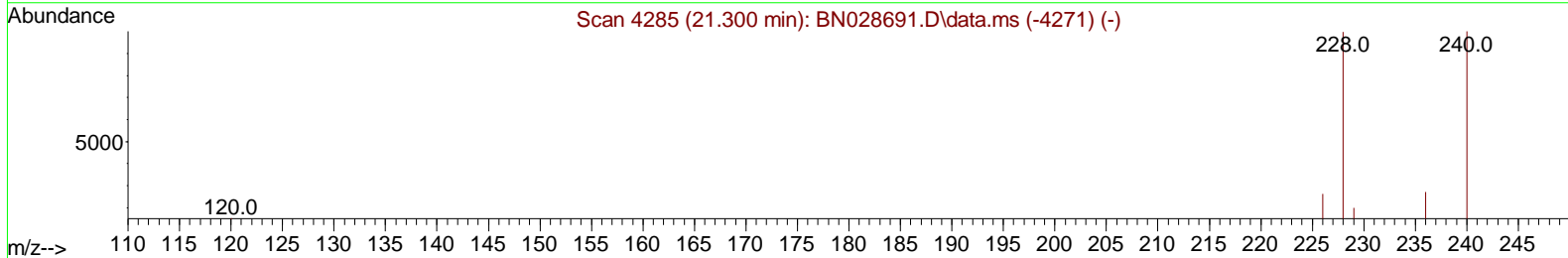
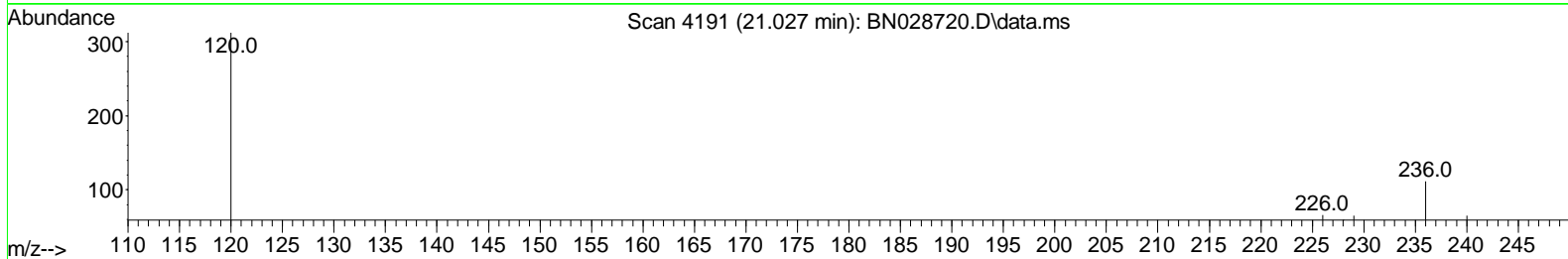
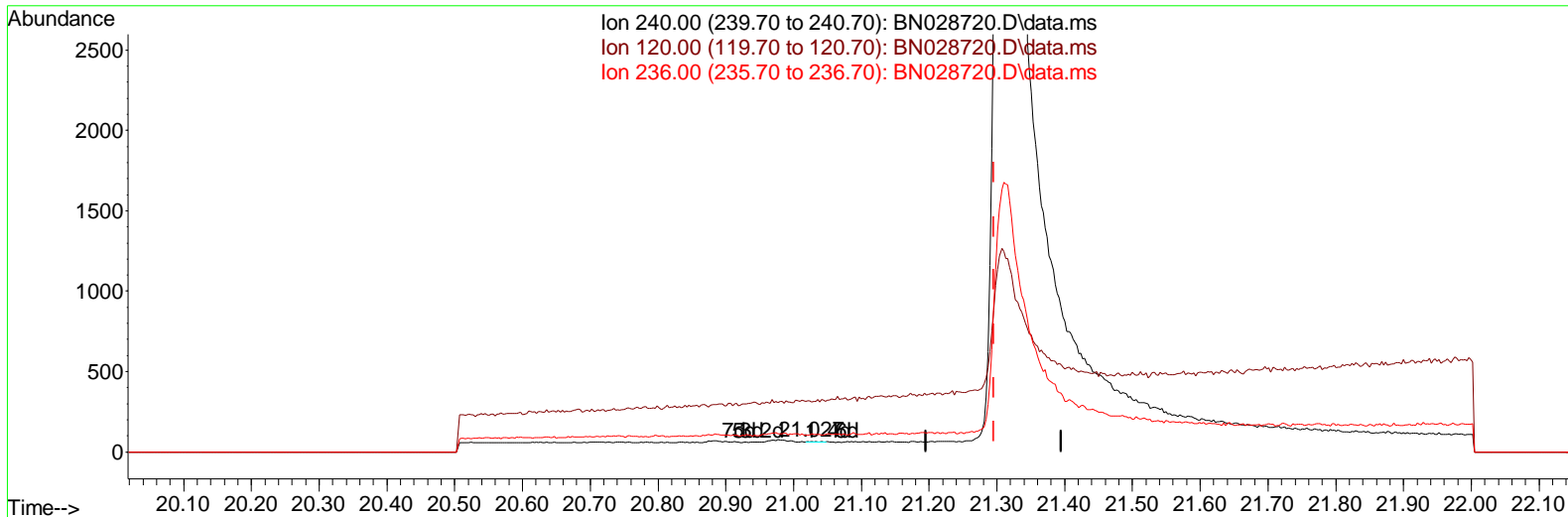
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028720.D
 Acq On : 18 Nov 2023 03:19
 Operator : MA/JU
 Sample : PB157214BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SBLK214

Manual Integrations APPROVED

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TIC: BN028720.D\data.ms

(17) Chrysene-d12

21.027min (-0.269) 0.40 ng/ul

response	4	
Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.00	480.00#
236.00	28.00	170.77#
0.00	0.00	0.00

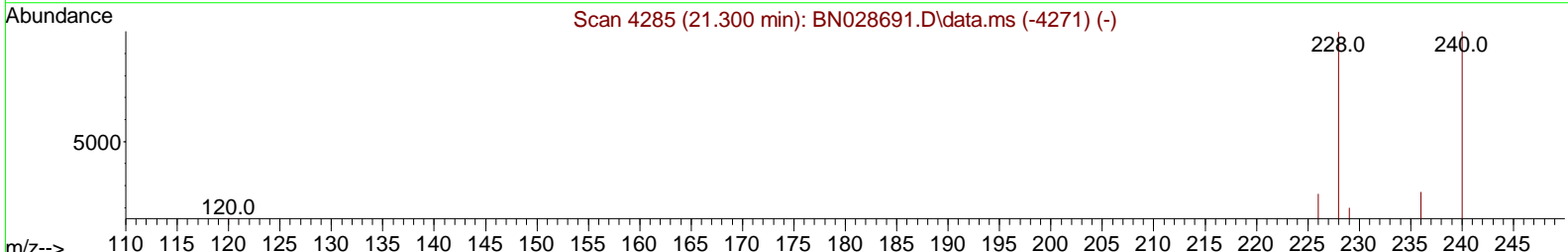
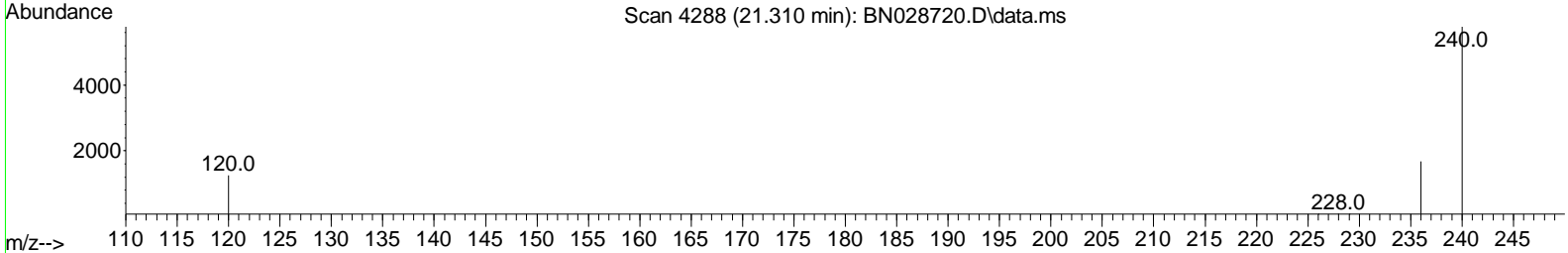
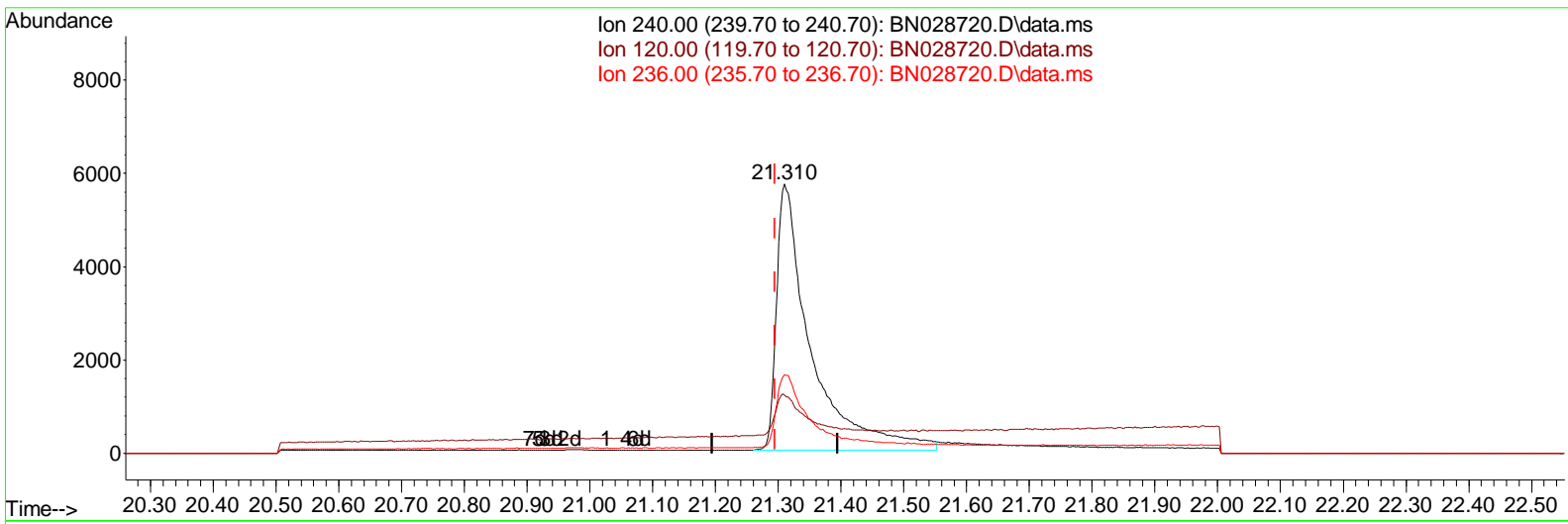
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028720.D
 Acq On : 18 Nov 2023 03:19
 Operator : MA/JU
 Sample : PB157214BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Manual Integrations APPROVED

Quant Time: Nov 18 03:50:33 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Reviewed By :Yogesh Patel 11/19/2023
 Supervised By :mohammad ahmed 11/20/2023



TIC: BN028720.D\data.ms

(17) Chrysene-d12

21.310min (+ 0.015) 0.40 ng/ul m

response 21723

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.00	21.61#
236.00	28.00	29.05
0.00	0.00	0.00

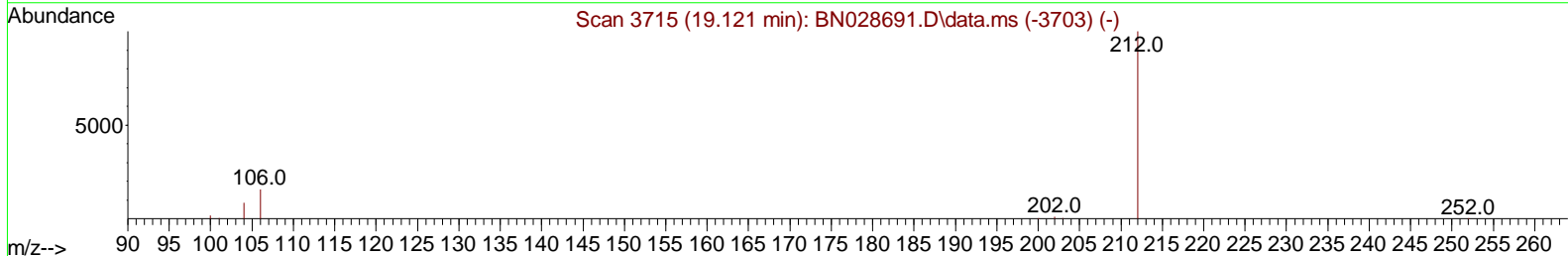
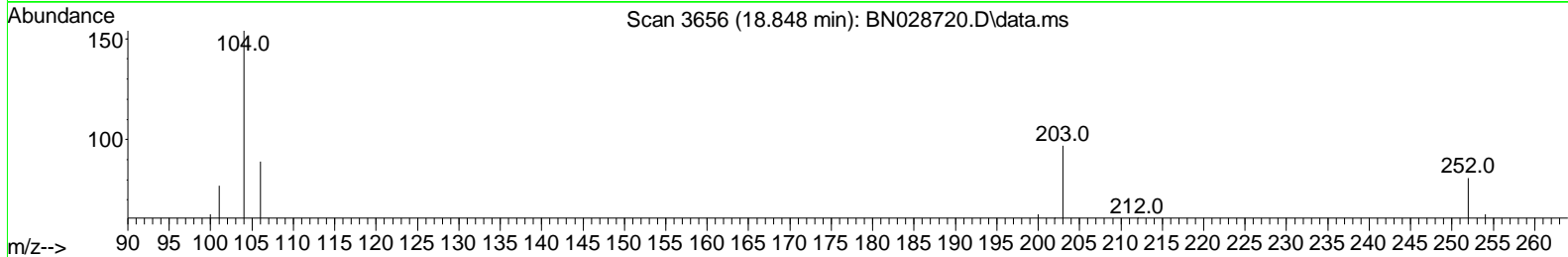
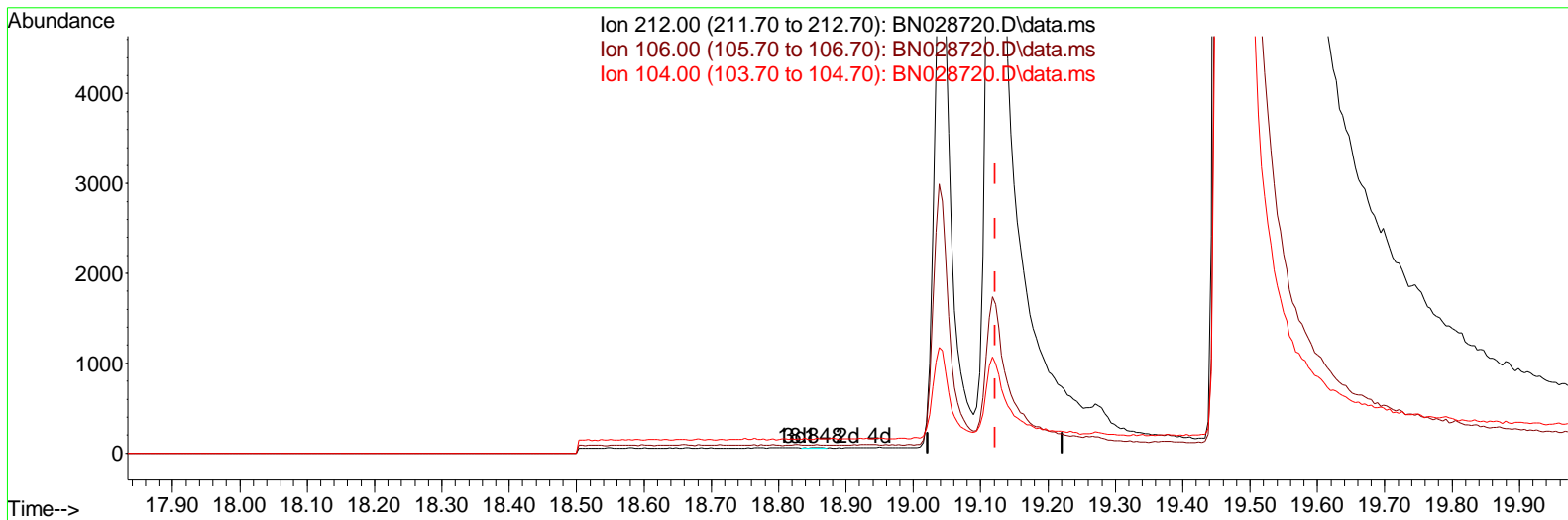
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028720.D
 Acq On : 18 Nov 2023 03:19
 Operator : MA/JU
 Sample : PB157214BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SBLK214

Manual Integrations APPROVED

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TIC: BN028720.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.848min (-0.274) 0.00 ng/ul

response 8

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.80	37.50#
104.00	8.30	112.50#
0.00	0.00	0.00

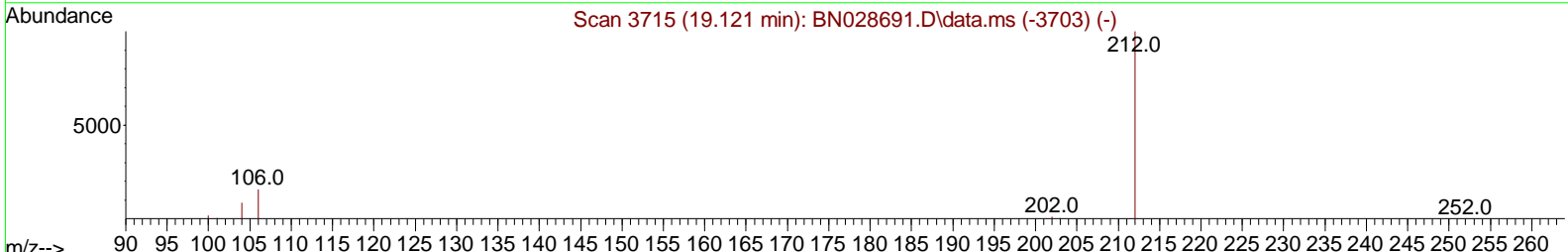
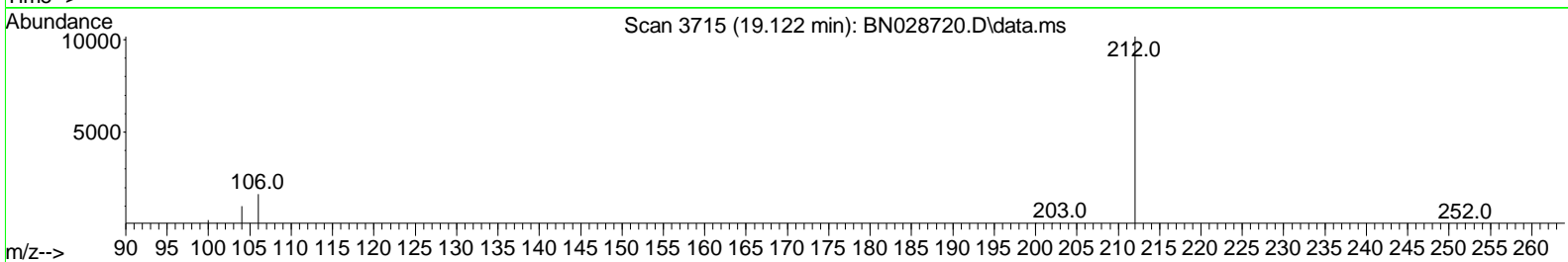
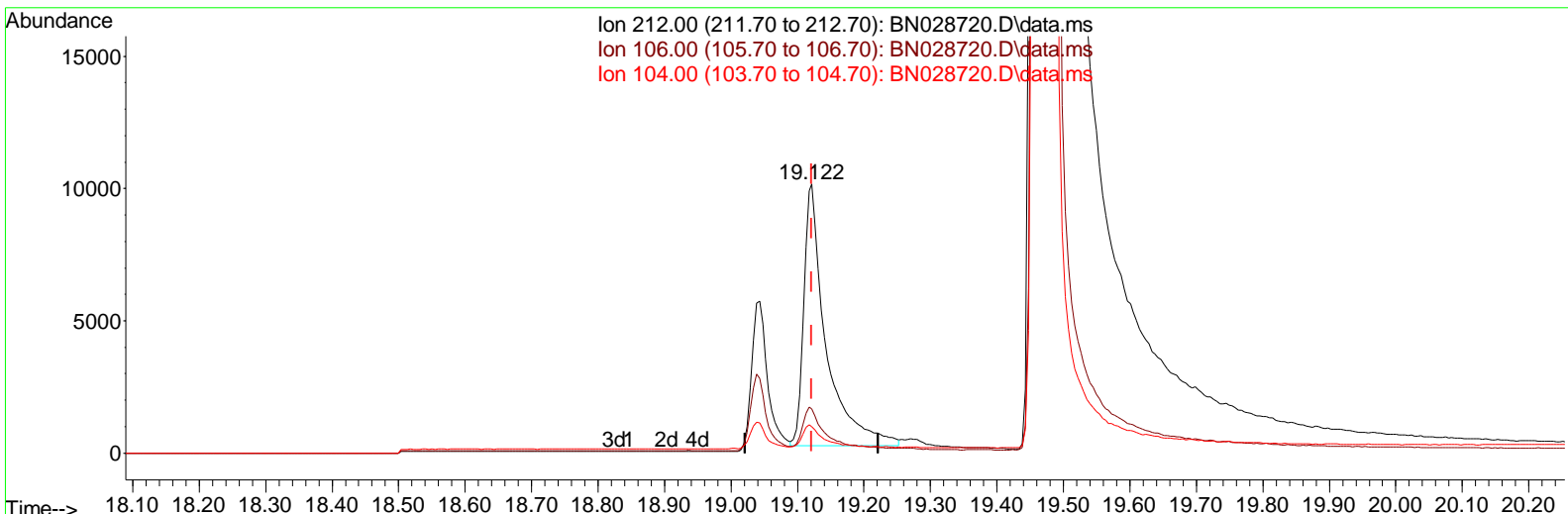
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028720.D
 Acq On : 18 Nov 2023 03:19
 Operator : MA/JU
 Sample : PB157214BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
ClientSampleId :
 SBLK214

Manual IntegrationsAPPROVED

Quant Time: Nov 18 03:50:33 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: BN028720.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.122min (+ 0.000) 0.33 ng/ul m

response	23105	
Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.80	0.01#
104.00	8.30	0.04#
0.00	0.00	0.00

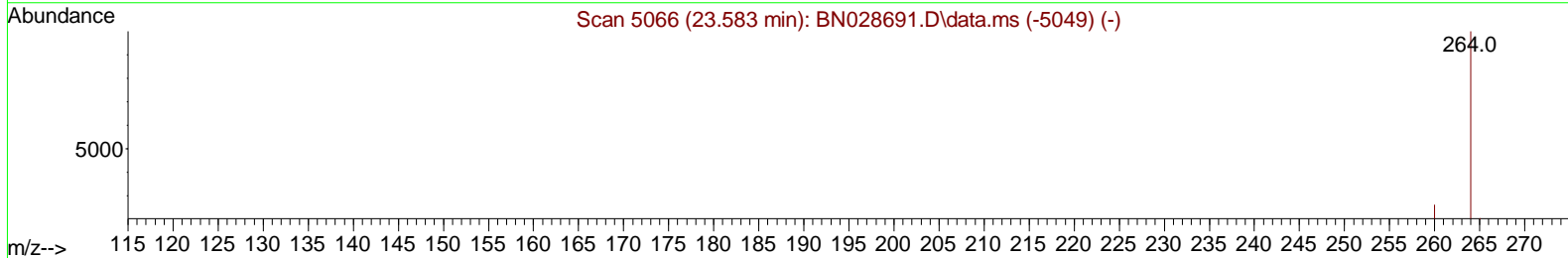
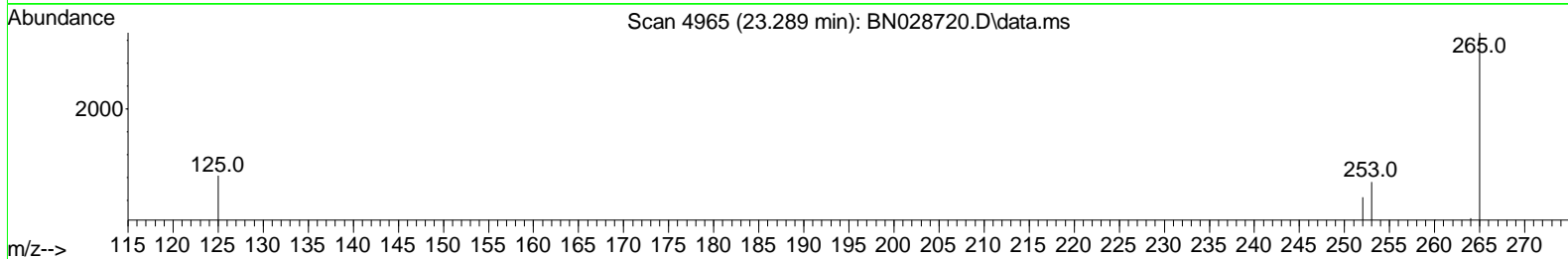
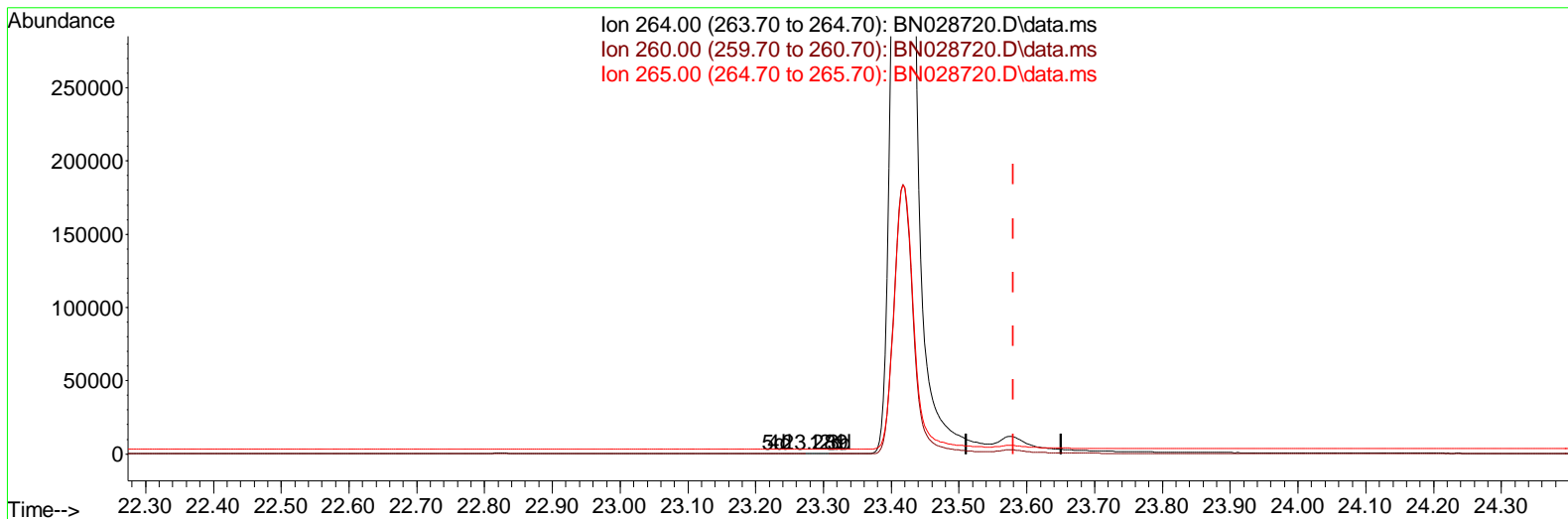
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028720.D
 Acq On : 18 Nov 2023 03:19
 Operator : MA/JU
 Sample : PB157214BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SBLK214

Manual Integrations APPROVED

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TIC: BN028720.D\data.ms

(23) Perylene-d12 (I)		
23.289min (-0.292)	0.40 ng/ul	
response	7	
Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.40	61.00#
265.00	38.80	3333.00#
0.00	0.00	0.00

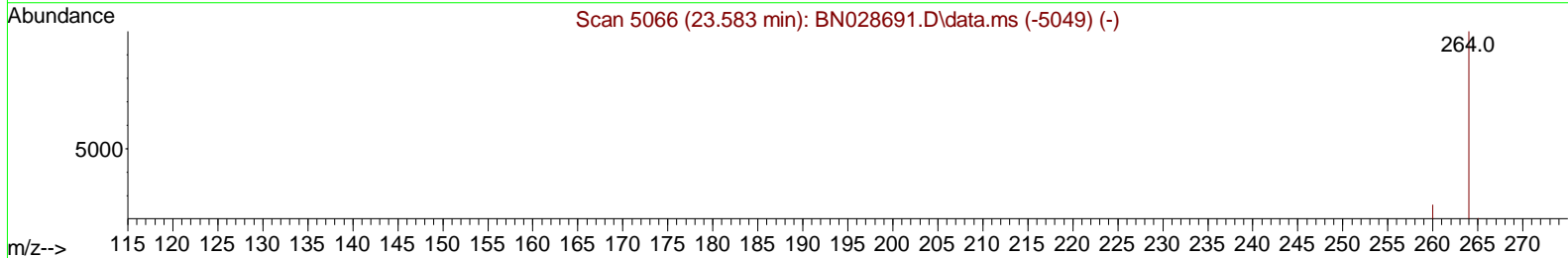
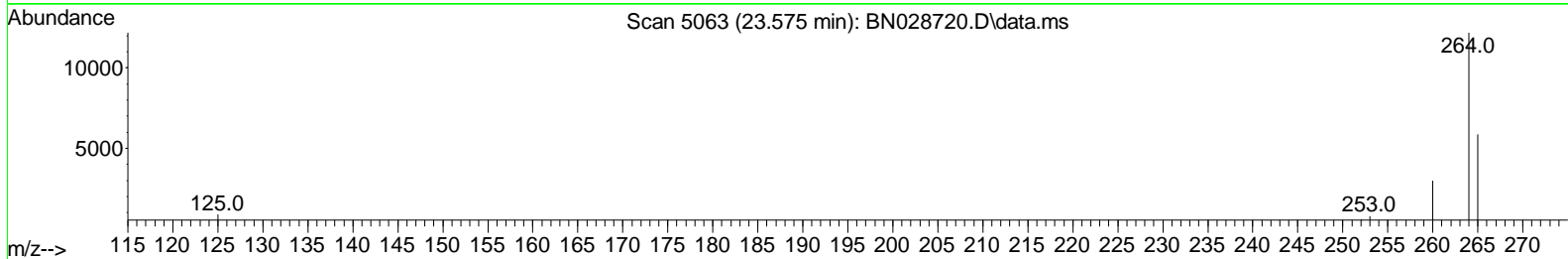
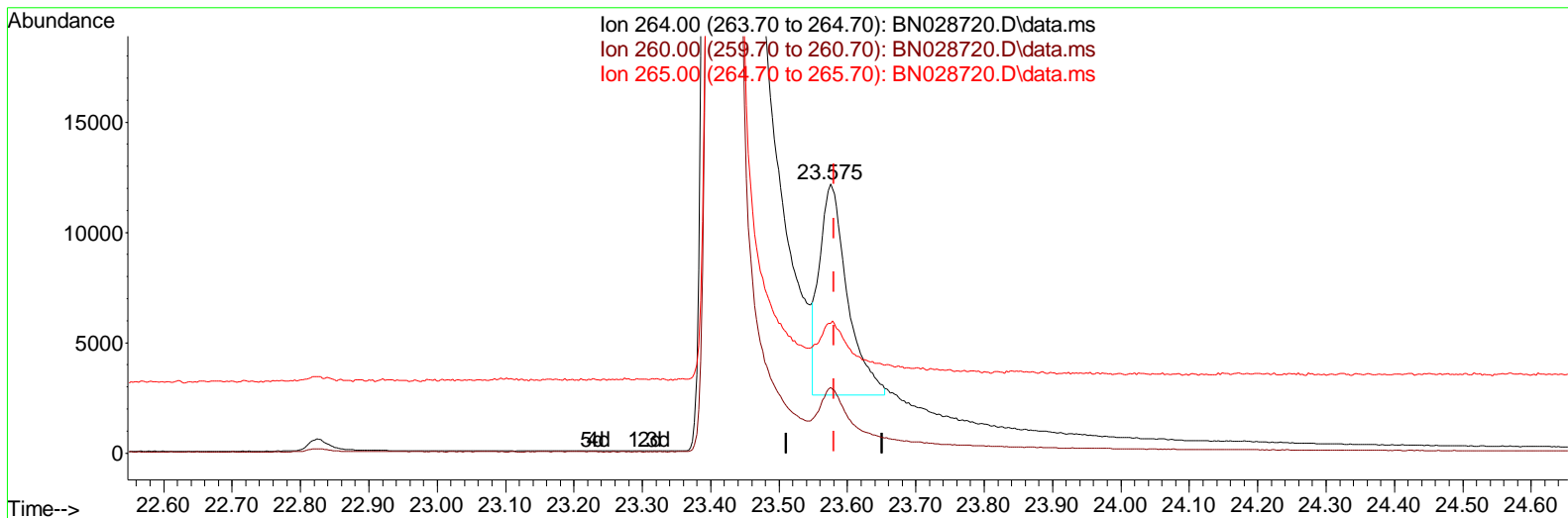
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028720.D
 Acq On : 18 Nov 2023 03:19
 Operator : MA/JU
 Sample : PB157214BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SBLK214

Manual Integrations APPROVED

Quant Time: Nov 18 03:50:33 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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TIC: BN028720.D\data.ms

(23) Perylene-d12 (I)

23.575min (-0.006) 0.40 ng/ul m

response	26902	
Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.40	24.35
265.00	38.80	48.14#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BNO28720.D
 Acq On : 18 Nov 2023 03:19
 Operator : MA/JU
 Sample : PB157214BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
ClientSampleId :
 SBLK214

Manual Integrations APPROVED

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

Quant Time: Nov 18 03:50:33 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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Compound	R. T.	QI on	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.723	152	6876m	0.400	ng/ul	-0.07
4) Naphthalene-d8	10.479	136	21148m	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.325	164	16997m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.085	188	31214m	0.400	ng/ul	0.00
17) Chrysene-d12	21.310	240	21723m	0.400	ng/ul	0.01
23) Perylene-d12	23.575	264	26902m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.112	96	51485	6.775	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.162	152	6273m	0.197	ng/ul	0.05
18) Fluoranthene-d10	19.122	212	23105m	0.331	ng/ul	0.00

Target Compounds Qvalue

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

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