

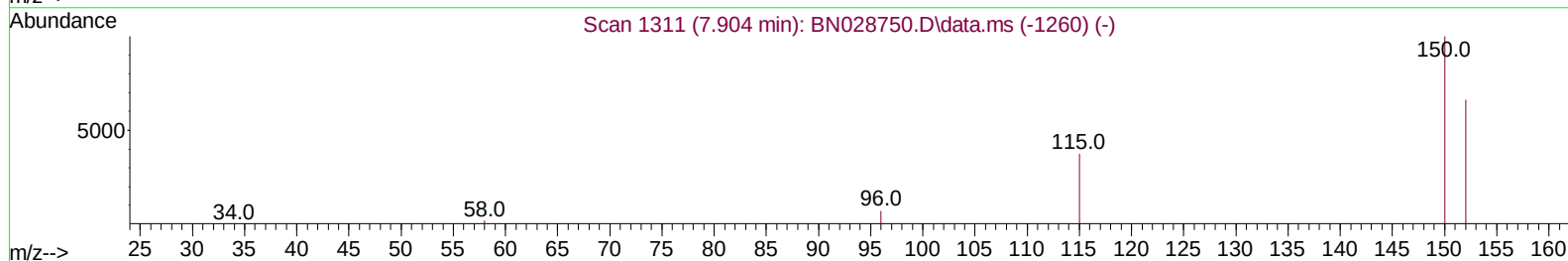
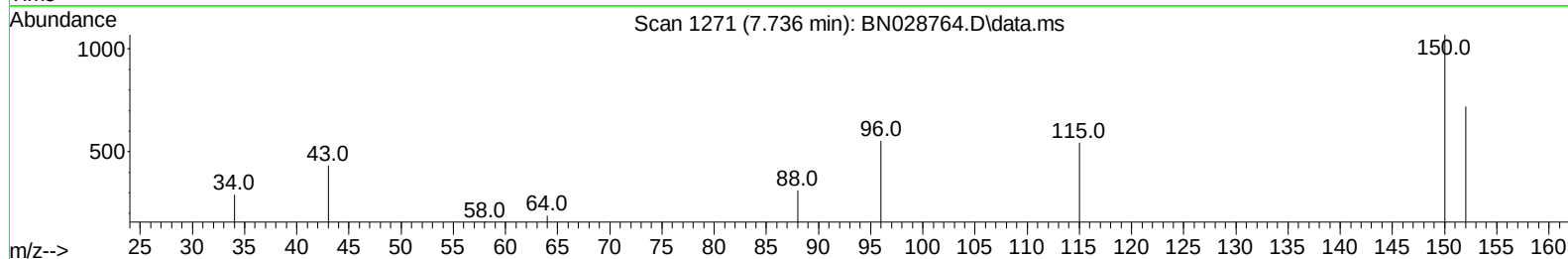
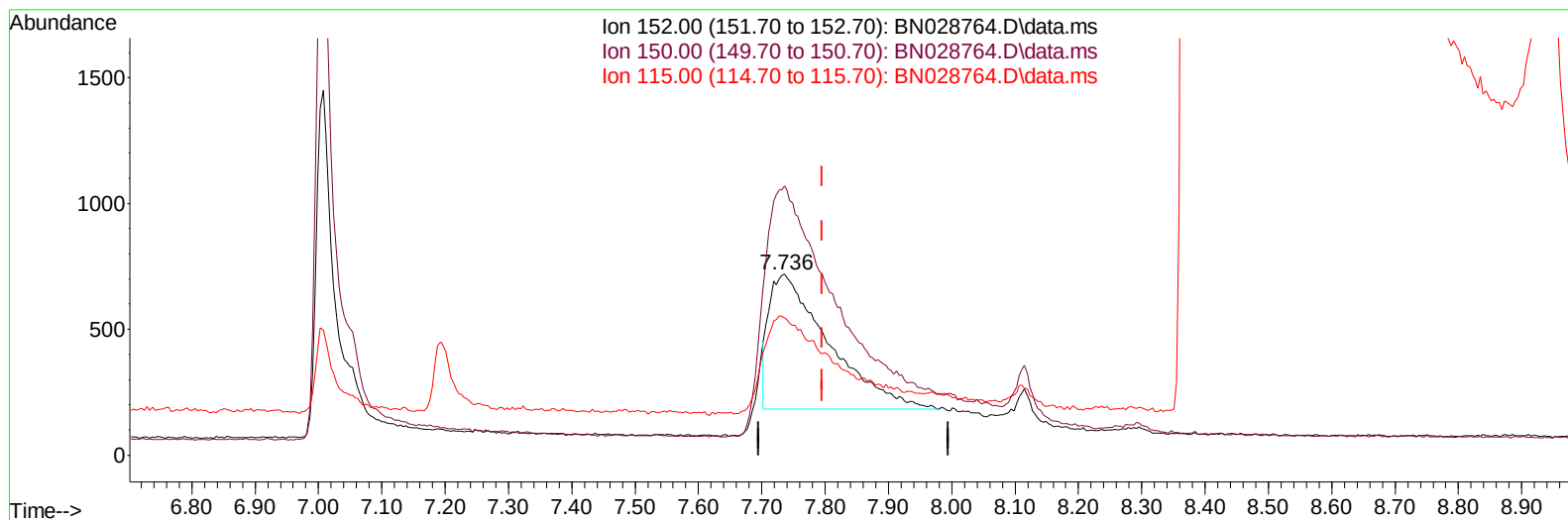
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028764.D
Acq On : 19 Nov 2023 06:53
Operator : MA/JU
Sample : 05370-09
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDQ5

Manual IntegrationsAPPROVED

Quant Time: Nov 20 01:04:00 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 11/20/2023
Supervised By :mohammad ahmed 11/20/2023



TIC: BN028764.D\data.ms

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

7.736min (-0.059) 0.40 ng/u1

response 3525

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	148.47
115.00	62.20	75.69#
0.00	0.00	0.00

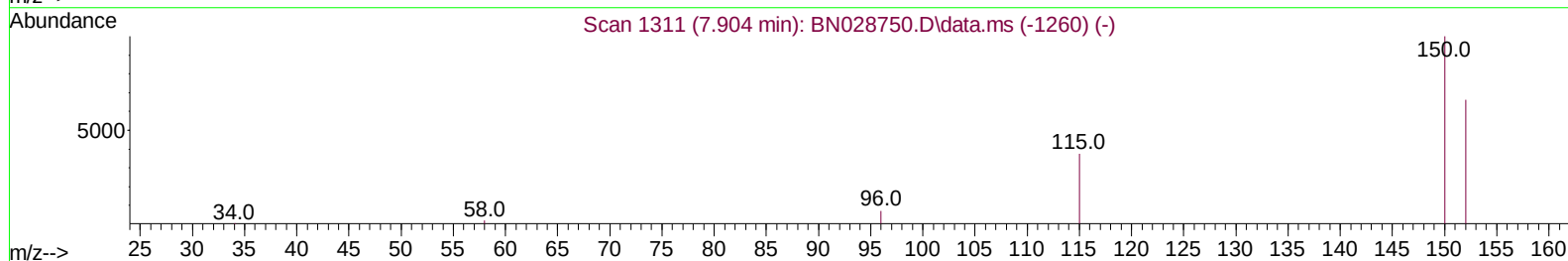
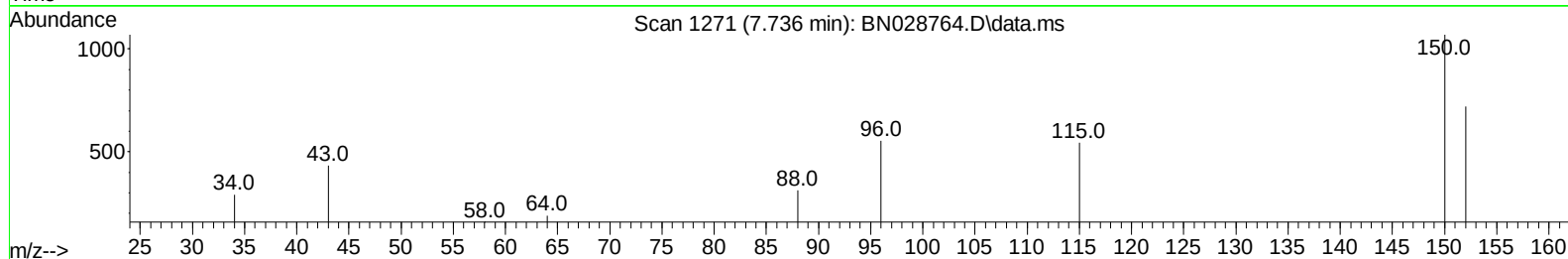
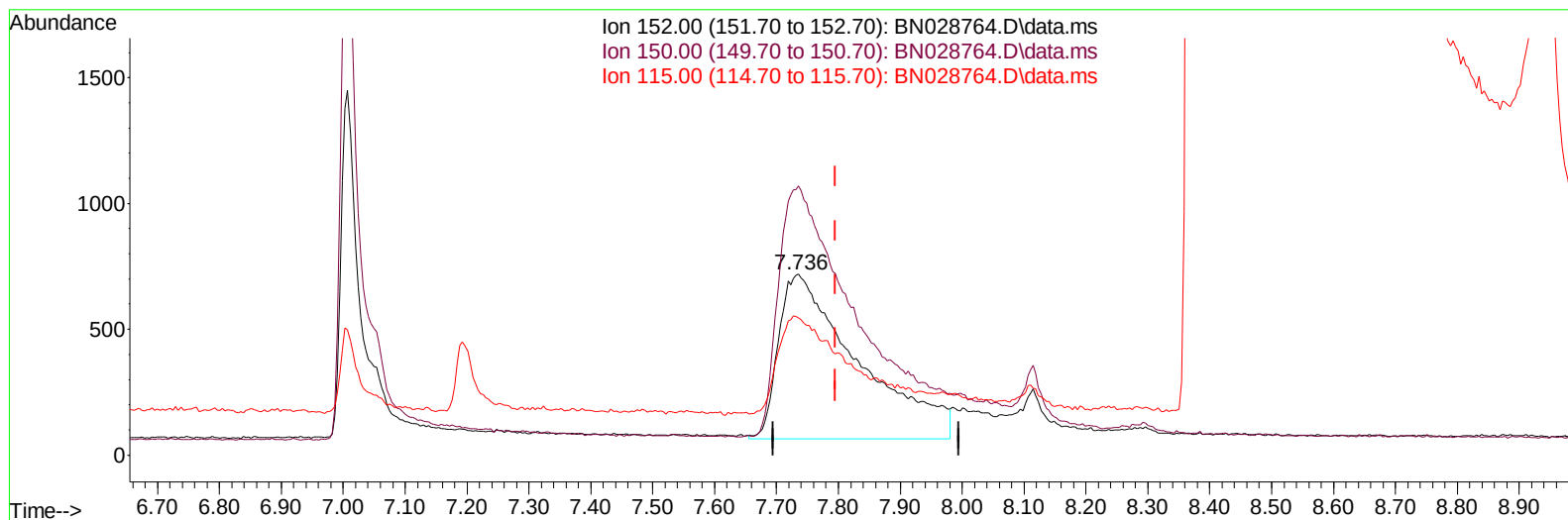
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028764.D
Acq On : 19 Nov 2023 06:53
Operator : MA/JU
Sample : 05370-09
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDQ5

Manual IntegrationsAPPROVED

Quant Time: Nov 20 01:04:00 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 11/20/2023
Supervised By :mohammad ahmed 11/20/2023



TIC: BN028764.D\data.ms

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

7.736min (-0.059) 0.40 ng/ul m

response 5816

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	148.47
115.00	62.20	75.69#
0.00	0.00	0.00

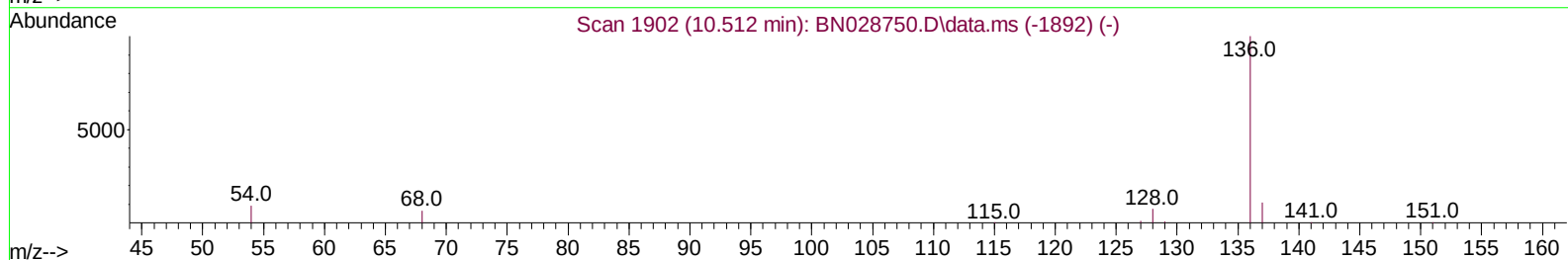
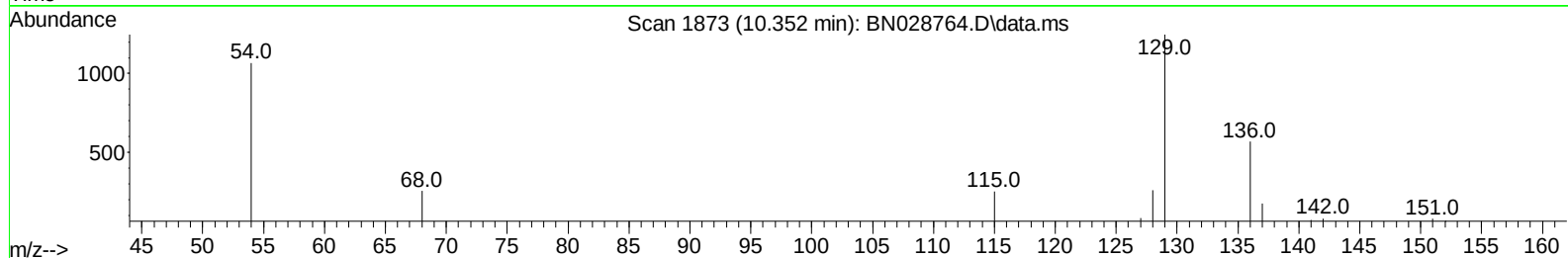
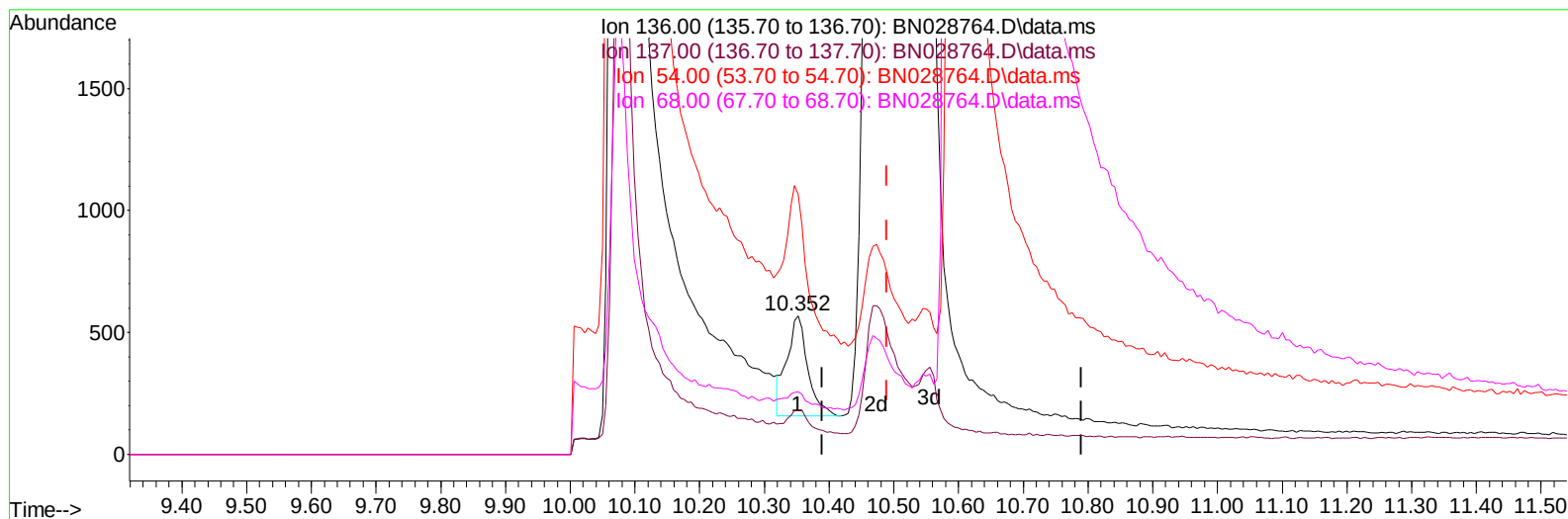
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028764.D
 Acq On : 19 Nov 2023 06:53
 Operator : MA/JU
 Sample : 05370-09
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDQ5

Manual IntegrationsAPPROVED

Quant Time: Nov 20 01:04:00 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 11/20/2023
 Supervised By :mohammad ahmed 11/20/2023



TIC: BN028764.D\data.ms

(4) Naphthalene-d8 (I)

10.352min (-0.138) 0.40 ng/u1

response 925

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	31.51#
54.00	9.00	187.68#
68.00	7.10	45.07#

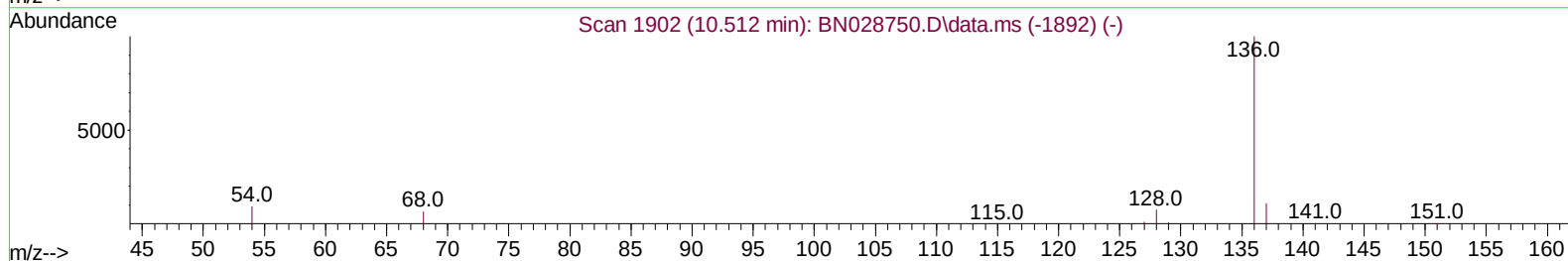
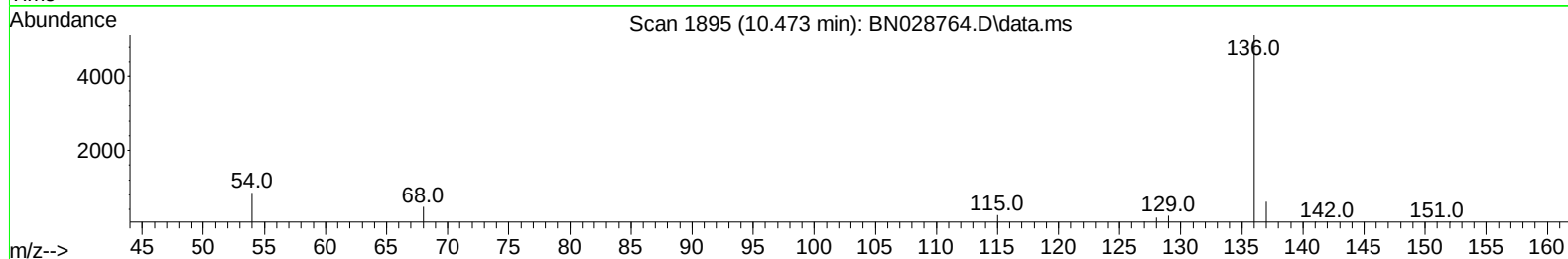
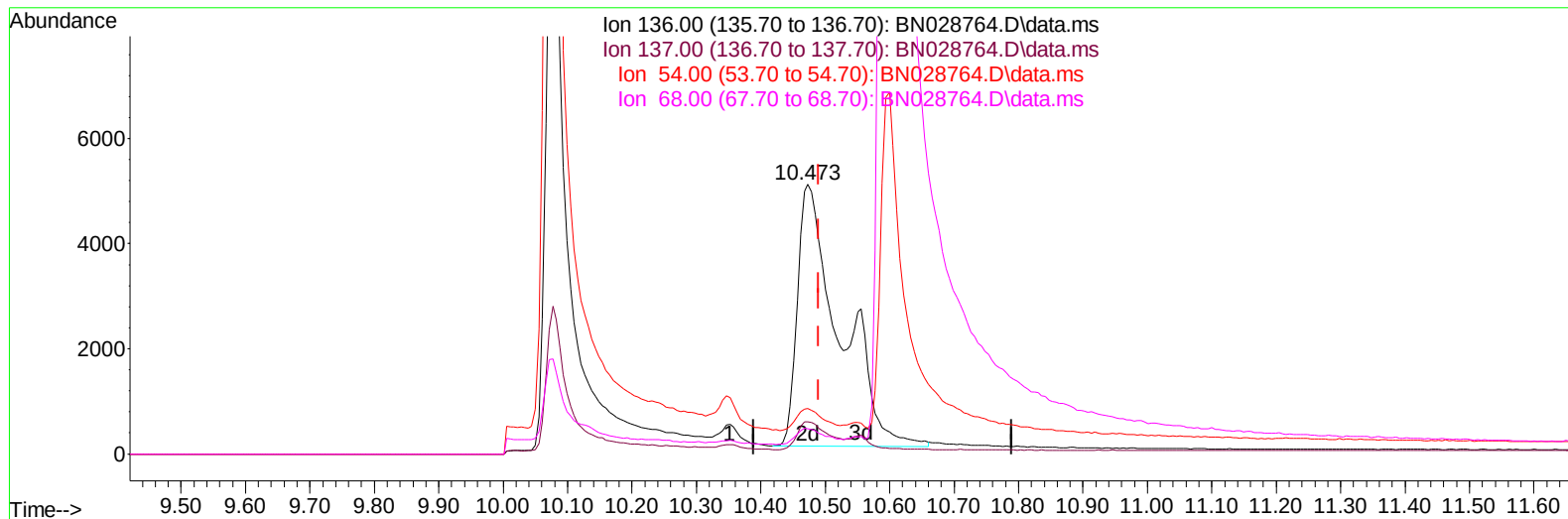
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028764.D
Acq On : 19 Nov 2023 06:53
Operator : MA/JU
Sample : 05370-09
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDQ5

Manual IntegrationsAPPROVED

Quant Time: Nov 20 01:04:00 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 11/20/2023
Supervised By :mohammad ahmed 11/20/2023



TIC: BN028764.D\data.ms

(4) Naphthalene-d8 (I)

10.473min (-0.017) 0.40 ng/ul m

response 22737

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	11.88
54.00	9.00	16.78#
68.00	7.10	9.27#

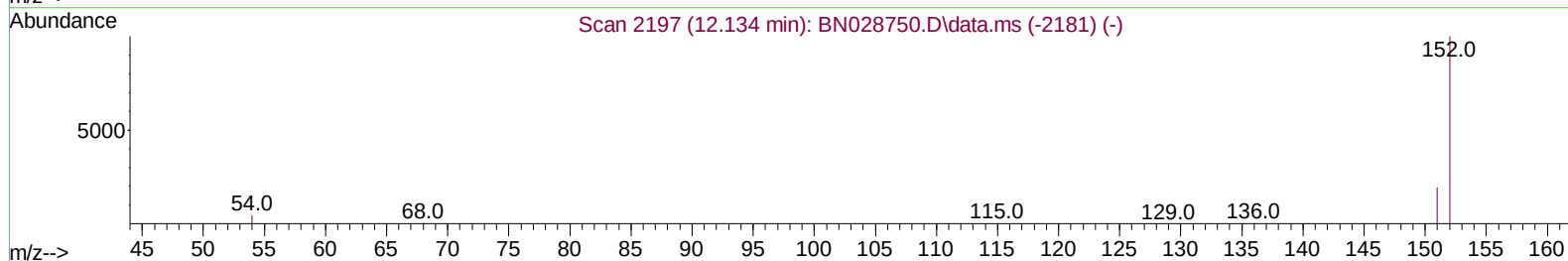
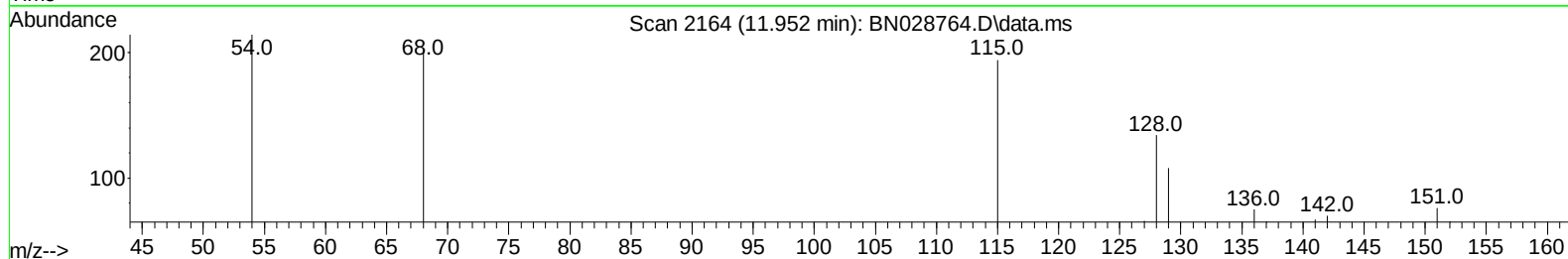
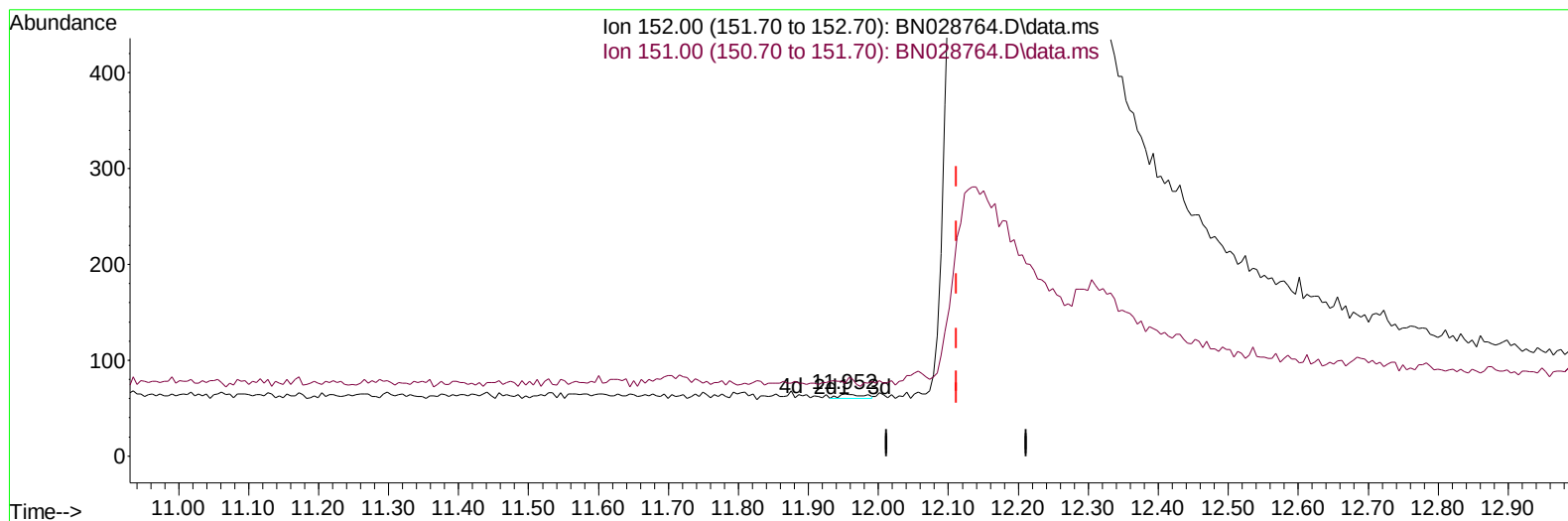
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028764.D
 Acq On : 19 Nov 2023 06:53
 Operator : MA/JU
 Sample : 05370-09
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDQ5

Manual IntegrationsAPPROVED

Quant Time: Nov 20 01:04:00 2023
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TIC: BN028764.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

11.952min (-0.160) 0.00 ng/u1

response 12

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.50	50.00#
0.00	0.00	0.00
0.00	0.00	0.00

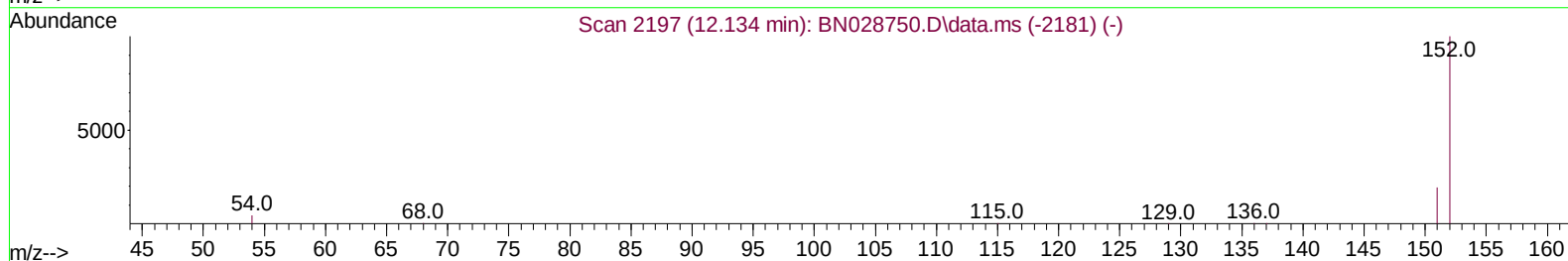
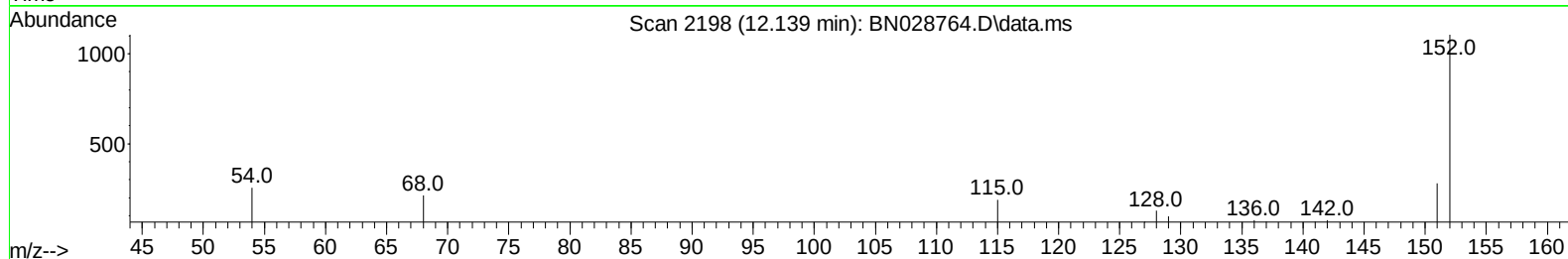
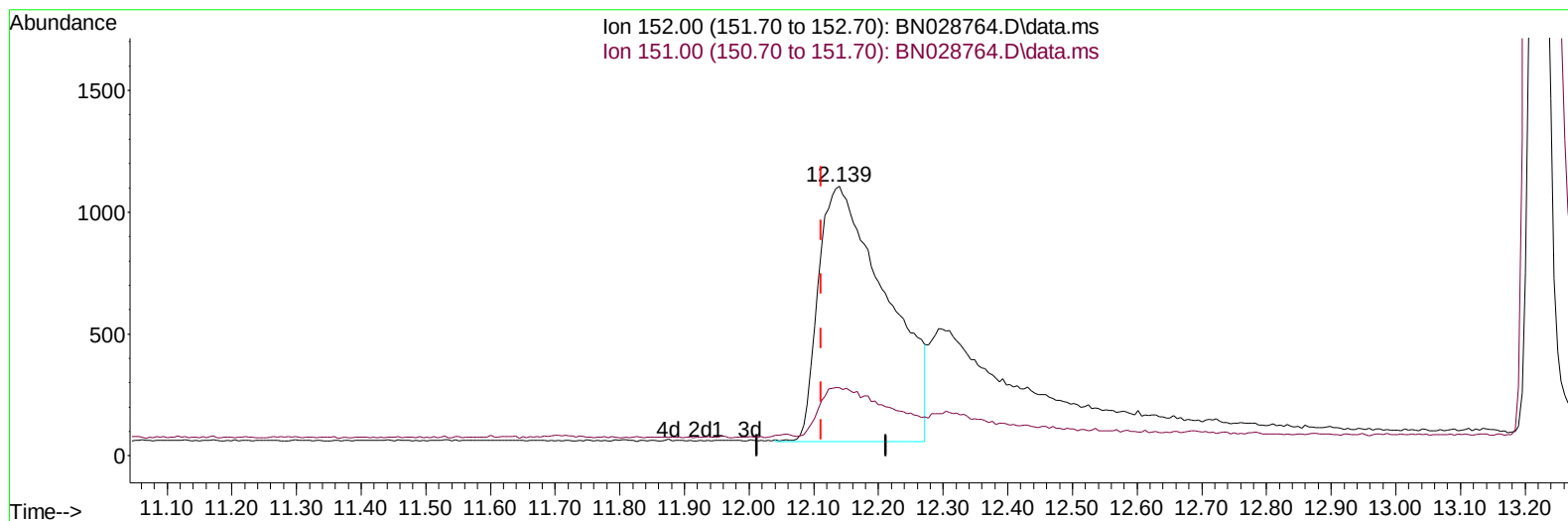
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028764.D
 Acq On : 19 Nov 2023 06:53
 Operator : MA/JU
 Sample : 05370-09
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDQ5

Manual IntegrationsAPPROVED

Quant Time: Nov 20 01:04:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
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TIC: BN028764.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.139min (+ 0.027) 0.22 ng/ul m

response 7654

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.50	0.08#
0.00	0.00	0.00
0.00	0.00	0.00

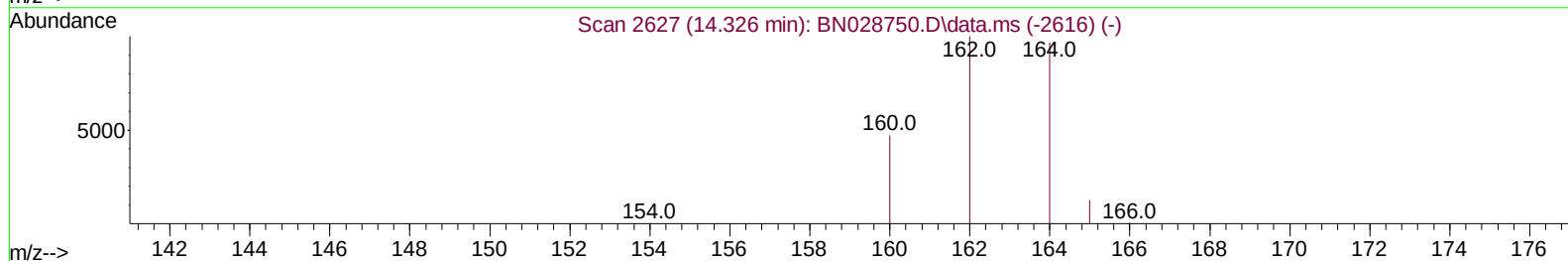
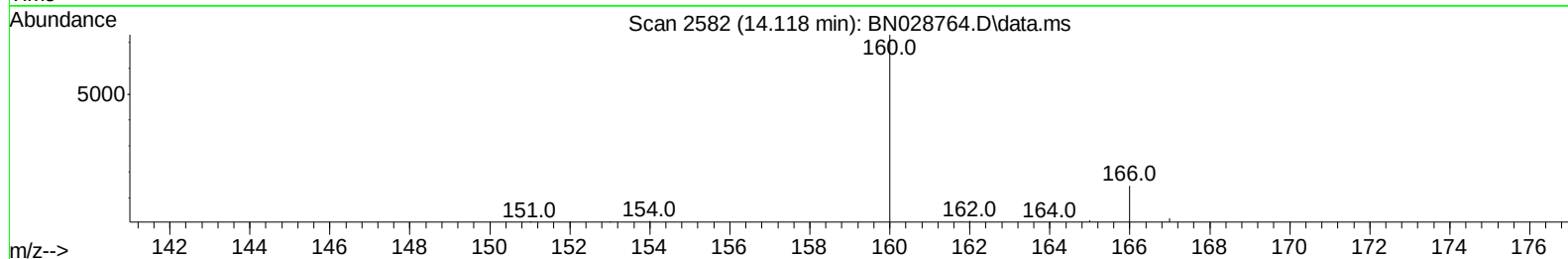
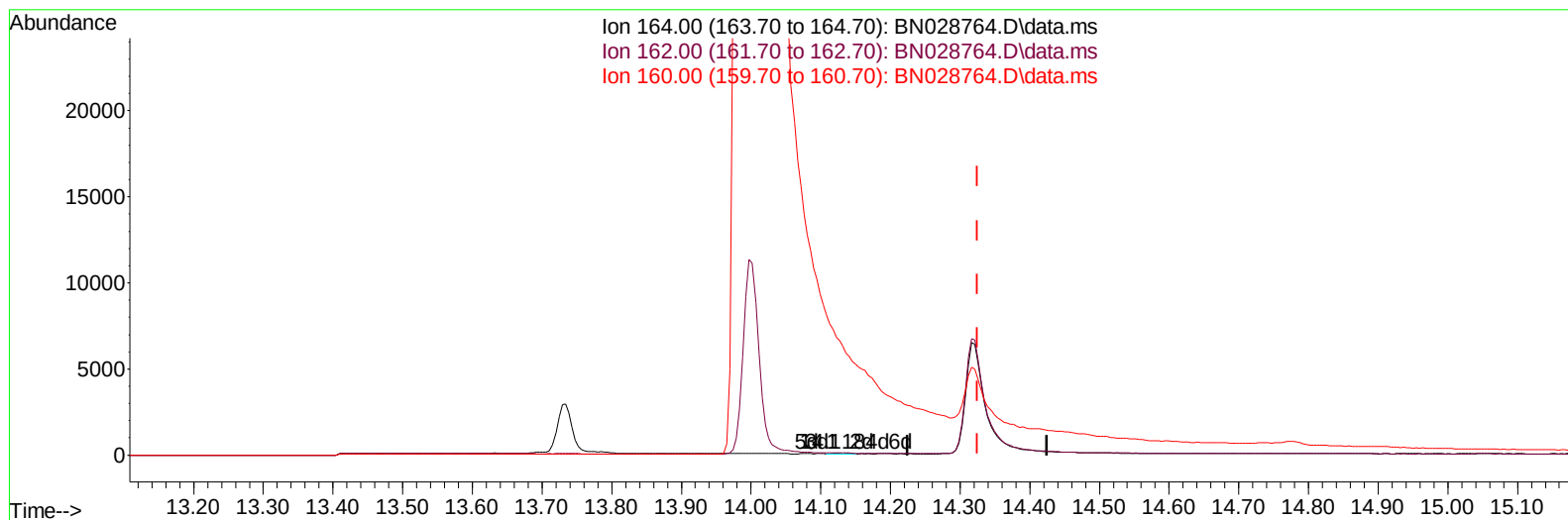
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028764.D
 Acq On : 19 Nov 2023 06:53
 Operator : MA/JU
 Sample : 05370-09
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDQ5

Manual IntegrationsAPPROVED

Quant Time: Nov 20 01:04:00 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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TIC: BN028764.D\data.ms

(9) Acenaphthene-d10 (I)

14.118min (-0.207) 0.40 ng/u1

response 9

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	103.90	150.00#
160.00	49.20	9103.75#
0.00	0.00	0.00

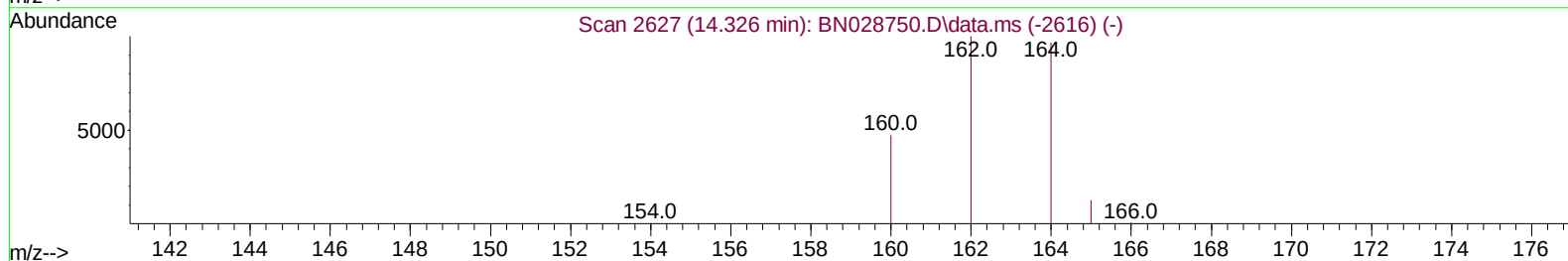
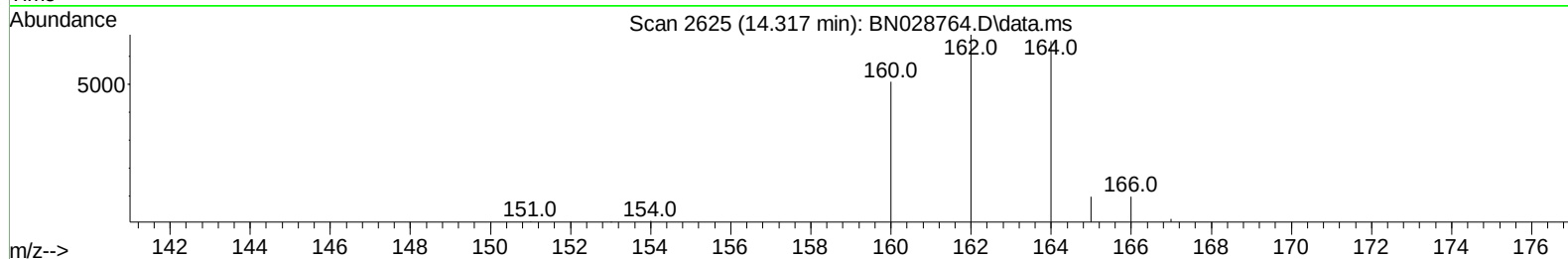
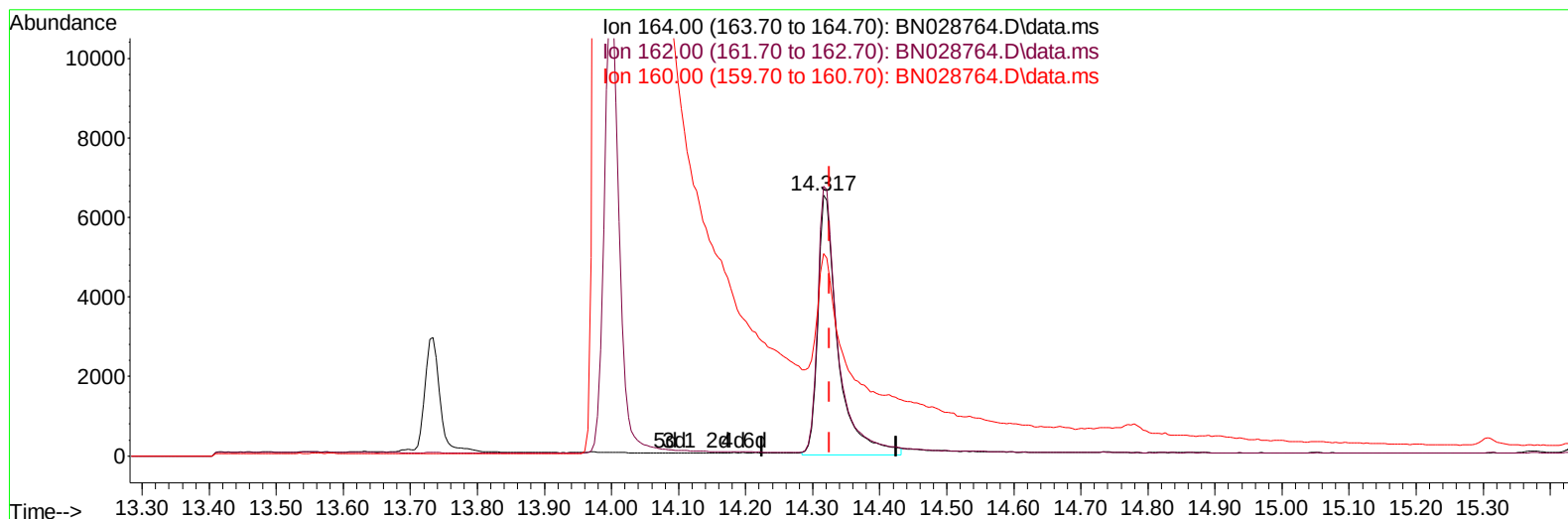
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028764.D
 Acq On : 19 Nov 2023 06:53
 Operator : MA/JU
 Sample : 05370-09
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDQ5

Manual IntegrationsAPPROVED

Quant Time: Nov 20 01:04:00 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 11/20/2023
 Supervised By :mohammad ahmed 11/20/2023



TIC: BN028764.D\data.ms

(9) Acenaphthene-d10 (I)

14.317min (-0.009) 0.40 ng/ul m

response 13506

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	103.90	103.32
160.00	49.20	77.66#
0.00	0.00	0.00

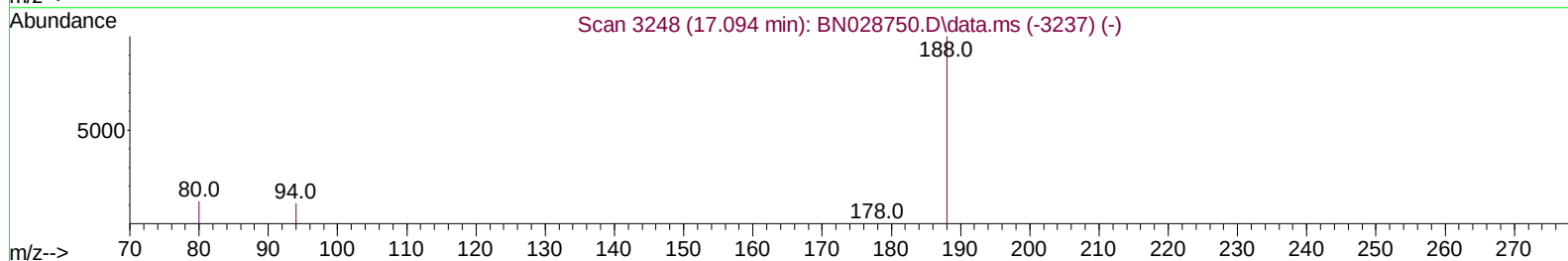
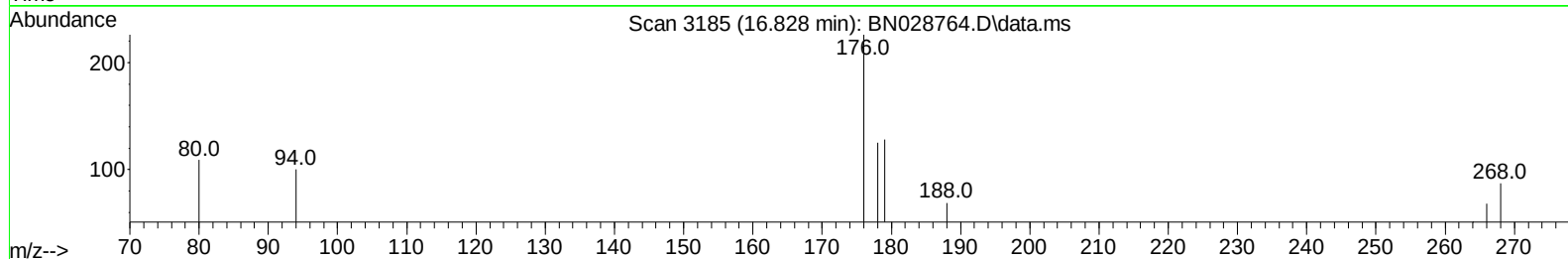
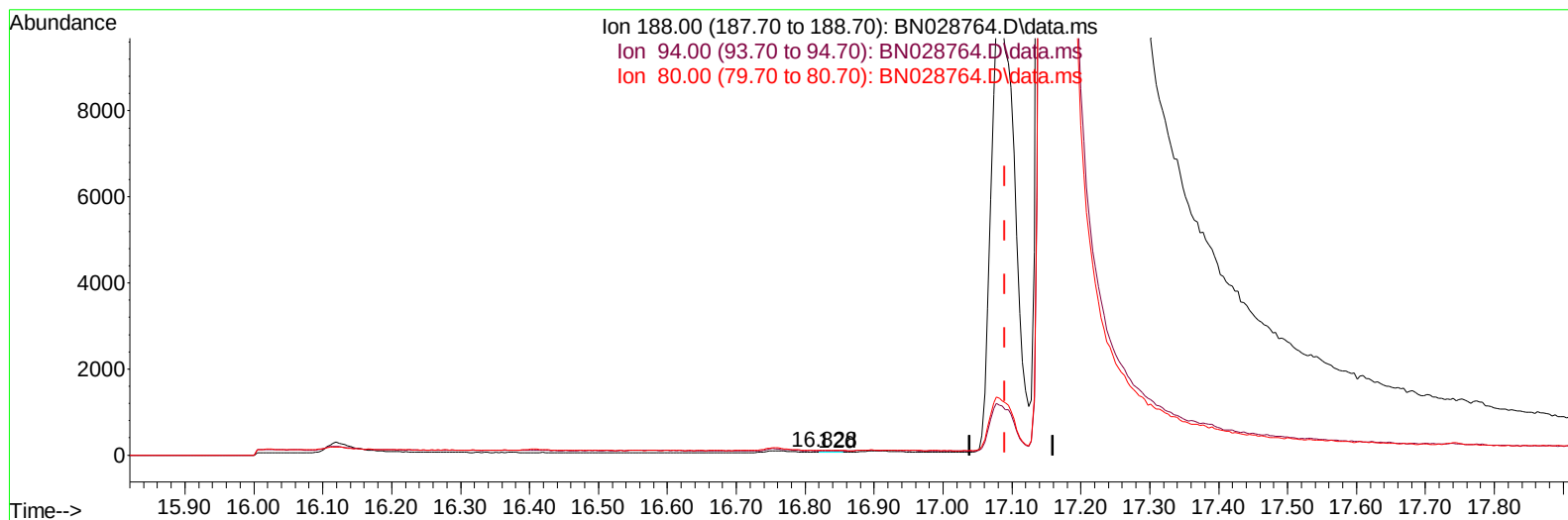
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028764.D
 Acq On : 19 Nov 2023 06:53
 Operator : MA/JU
 Sample : 05370-09
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDQ5

Manual IntegrationsAPPROVED

Quant Time: Nov 20 01:04:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
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TIC: BN028764.D\data.ms

(13) Phenanthrene-d10 (I)

16.828min (-0.261) 0.40 ng/u1

response 9

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.10	144.93#
80.00	10.90	157.97#
0.00	0.00	0.00

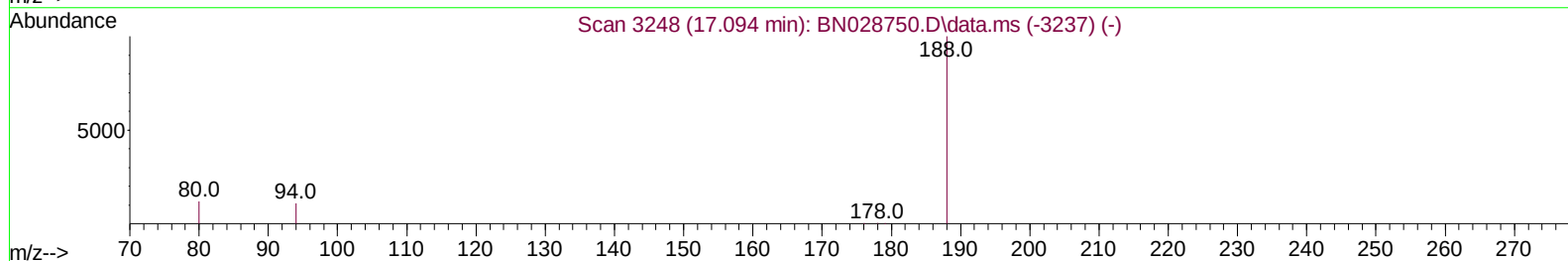
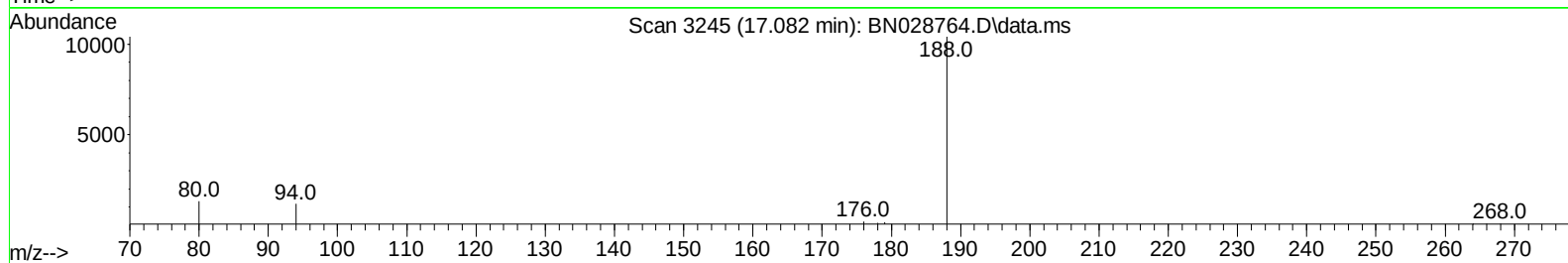
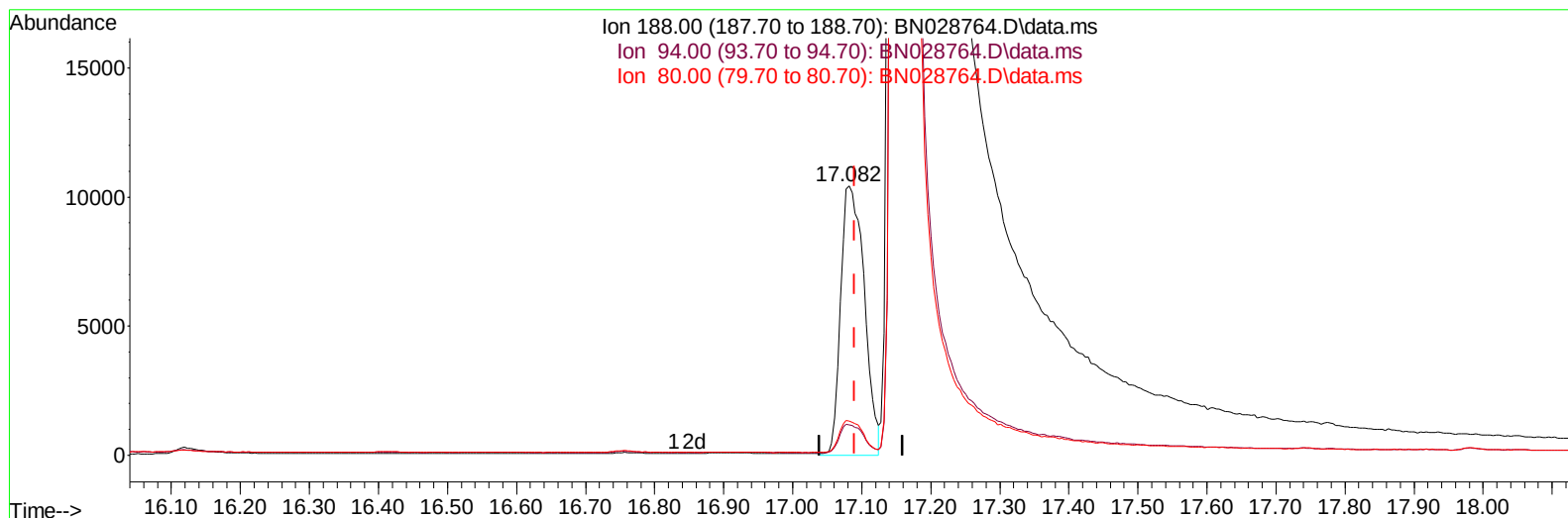
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 Data File : BN028764.D
 Acq On : 19 Nov 2023 06:53
 Operator : MA/JU
 Sample : 05370-09
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDQ5

Manual IntegrationsAPPROVED

Quant Time: Nov 20 01:04:00 2023
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TIC: BN028764.D\data.ms

(13) Phenanthrene-d10 (I)

17.082min (-0.008) 0.40 ng/ul m

response 24825

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.10	11.16
80.00	10.90	12.65
0.00	0.00	0.00

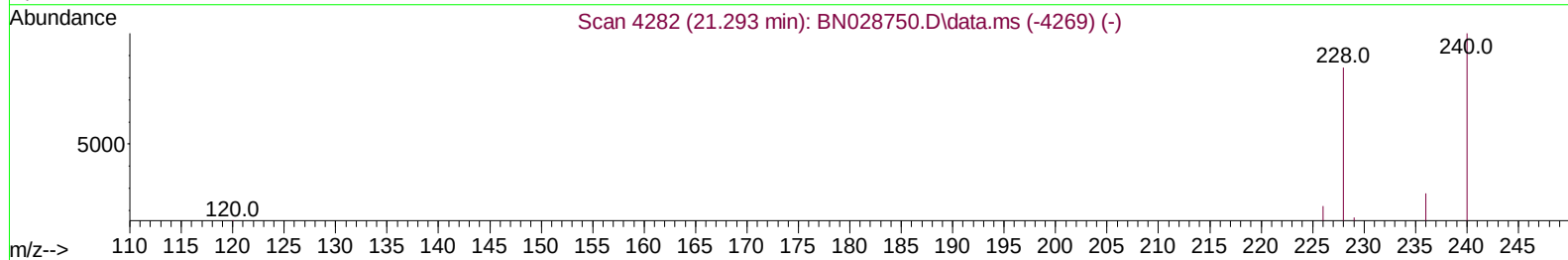
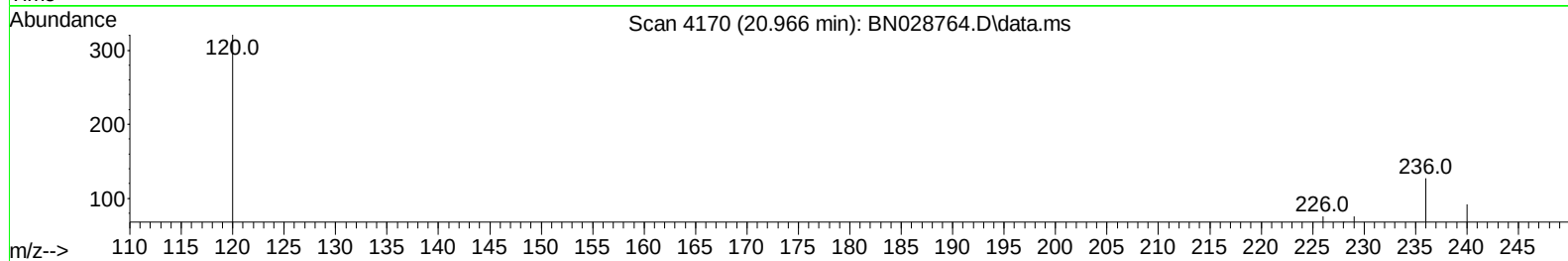
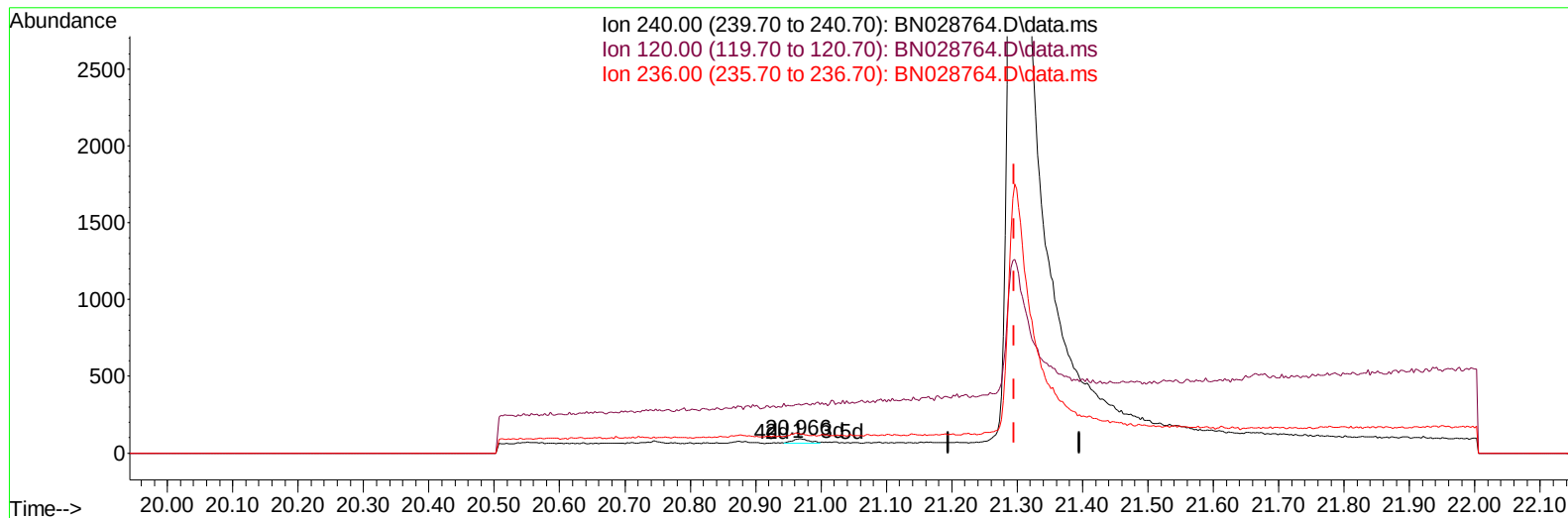
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028764.D
Acq On : 19 Nov 2023 06:53
Operator : MA/JU
Sample : 05370-09
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDQ5

Manual IntegrationsAPPROVED

Quant Time: Nov 20 01:04:00 2023
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TIC: BN028764.D\data.ms

(17) Chrysene-d12

20.966min (-0.329) 0.40 ng/u1

response 51

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.00	348.91#
236.00	28.00	138.04#
0.00	0.00	0.00

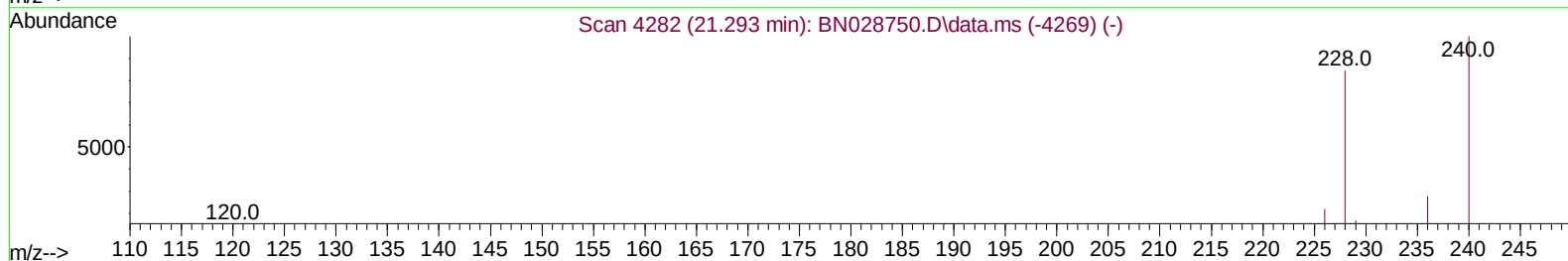
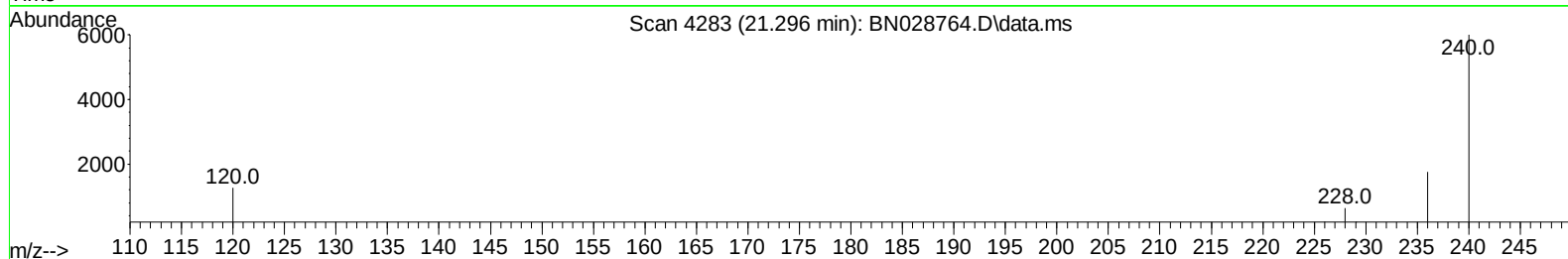
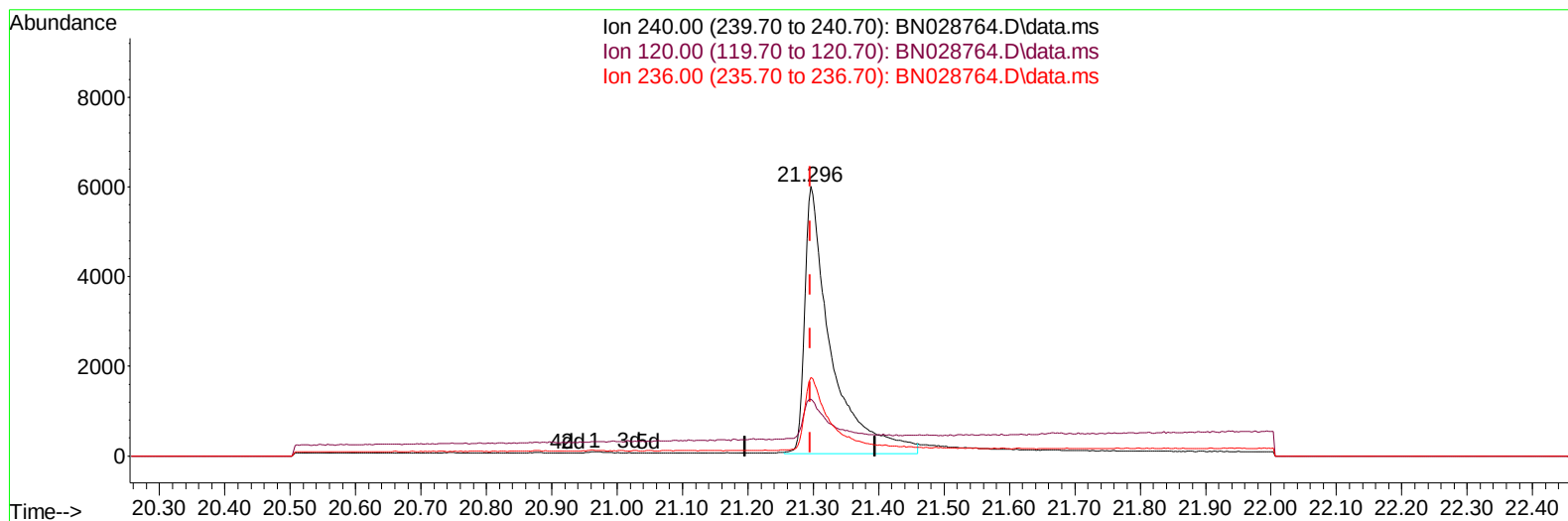
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028764.D
 Acq On : 19 Nov 2023 06:53
 Operator : MA/JU
 Sample : 05370-09
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDQ5

Manual IntegrationsAPPROVED

Quant Time: Nov 20 01:04:00 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 11/20/2023
 Supervised By :mohammad ahmed 11/20/2023



TIC: BN028764.D\data.ms

(17) Chrysene-d12

21.296min (+ 0.001) 0.40 ng/ul m

response 16698

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.00	21.02#
236.00	28.00	29.14
0.00	0.00	0.00

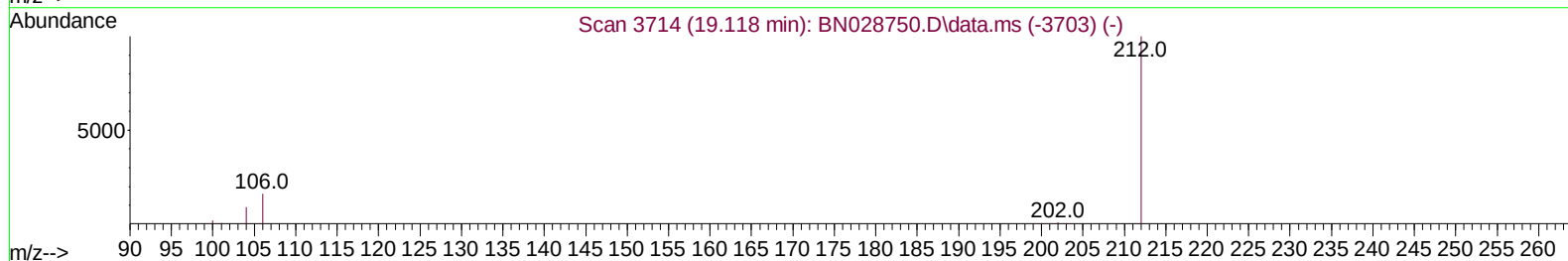
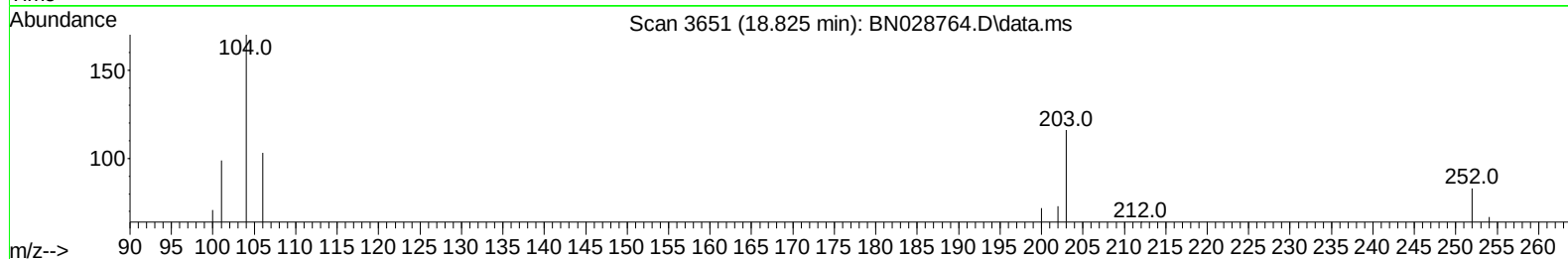
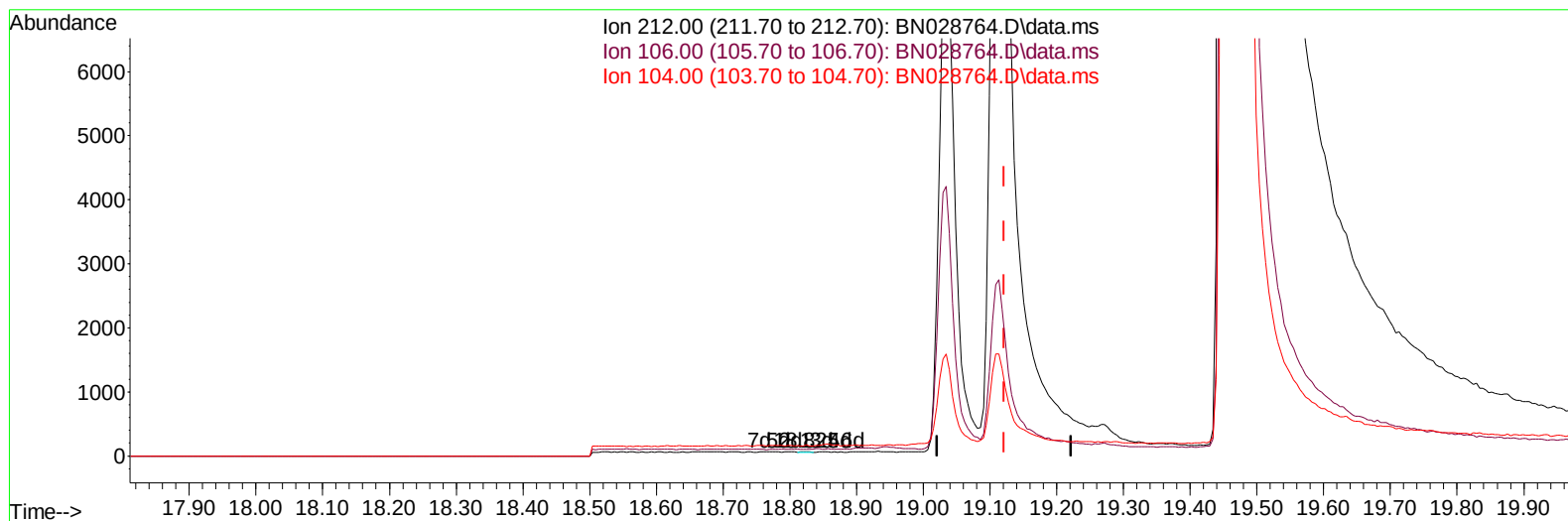
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028764.D
 Acq On : 19 Nov 2023 06:53
 Operator : MA/JU
 Sample : 05370-09
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDQ5

Manual IntegrationsAPPROVED

Quant Time: Nov 20 01:04:00 2023
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TIC: BN028764.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.825min (-0.297) 0.00 ng/u1

response 5

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.80	80.00#
104.00	8.30	80.00#
0.00	0.00	0.00

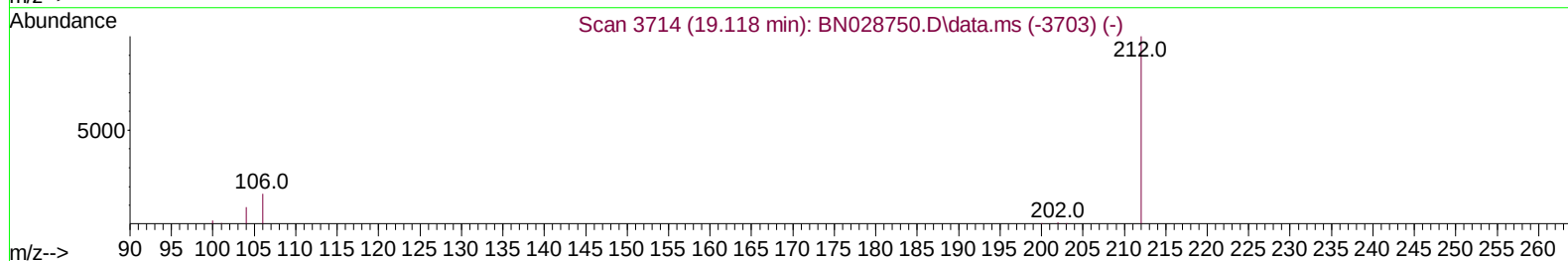
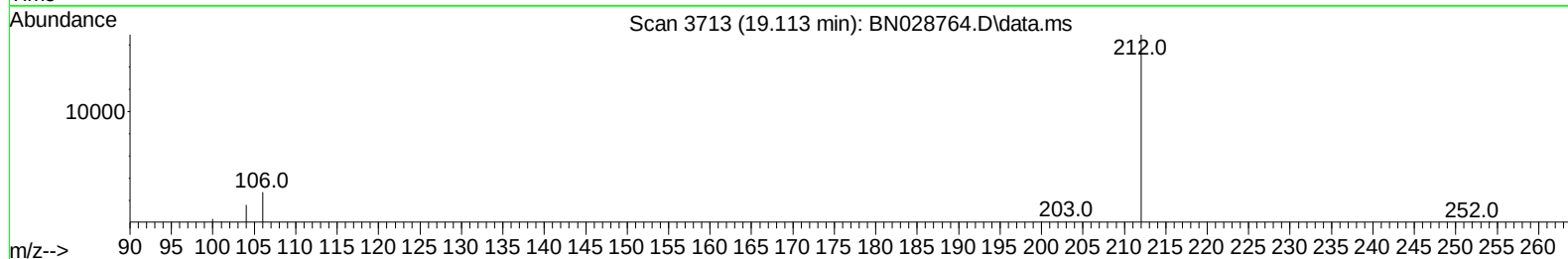
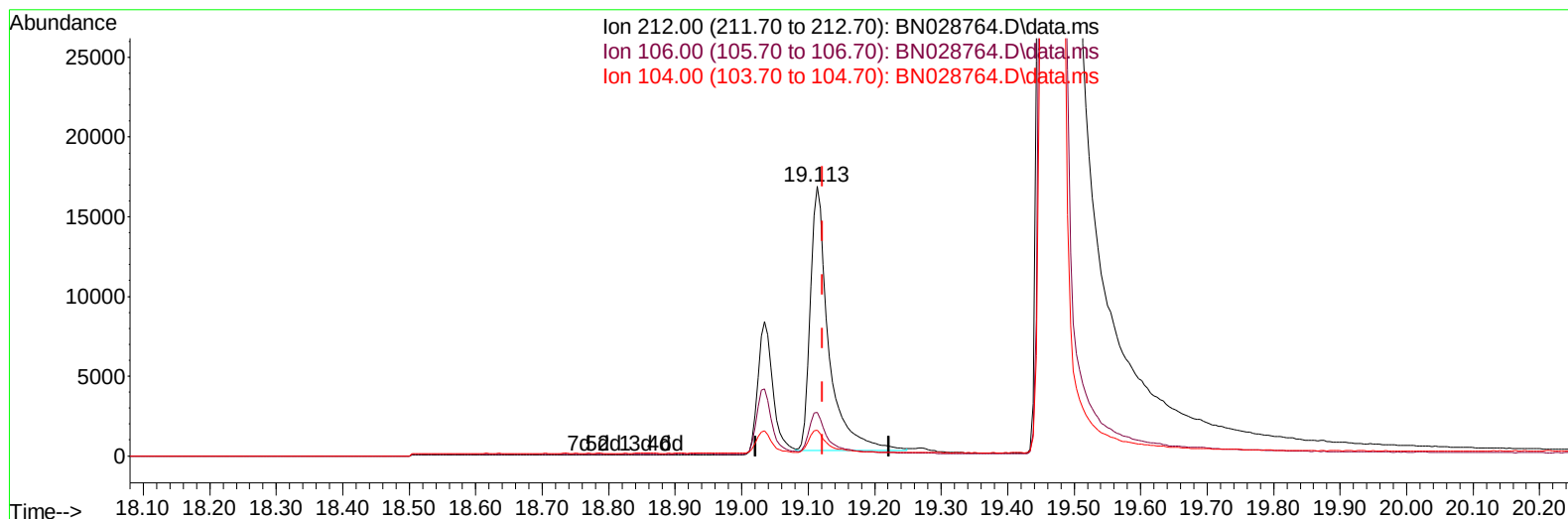
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028764.D
 Acq On : 19 Nov 2023 06:53
 Operator : MA/JU
 Sample : 05370-09
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDQ5

Manual IntegrationsAPPROVED

Quant Time: Nov 20 01:04:00 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 11/20/2023
 Supervised By :mohammad ahmed 11/20/2023



TIC: BN028764.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.113min (-0.009) 0.59 ng/ul m

response 31791

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

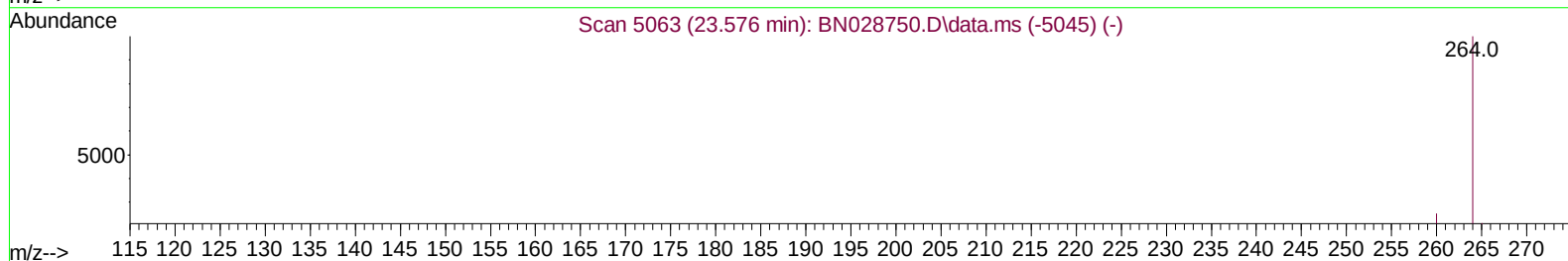
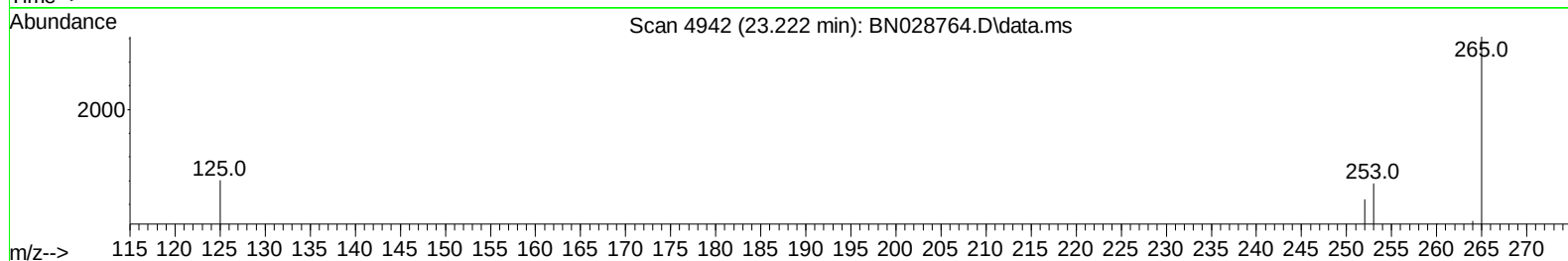
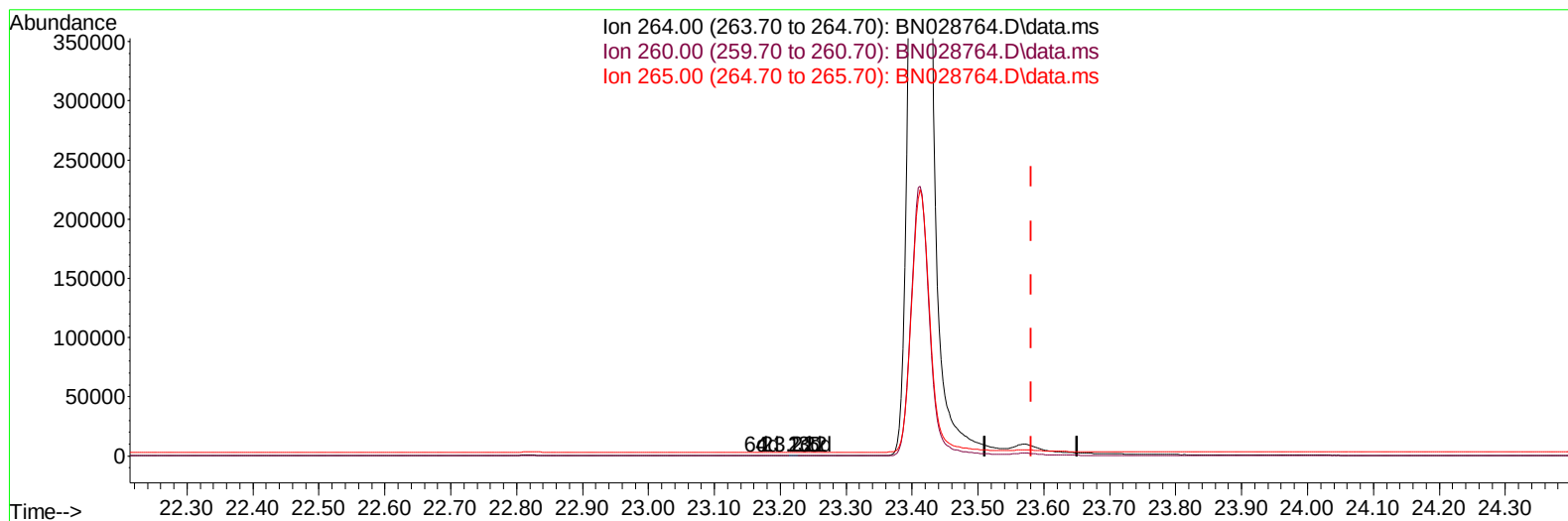
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028764.D
 Acq On : 19 Nov 2023 06:53
 Operator : MA/JU
 Sample : 05370-09
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDQ5

Manual IntegrationsAPPROVED

Quant Time: Nov 20 01:04:00 2023
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TIC: BN028764.D\data.ms

(23) Perylene-d12 (I)

23.222min (-0.359) 0.40 ng/u1

response 5

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.40	57.63#
265.00	38.80	2737.29#
0.00	0.00	0.00

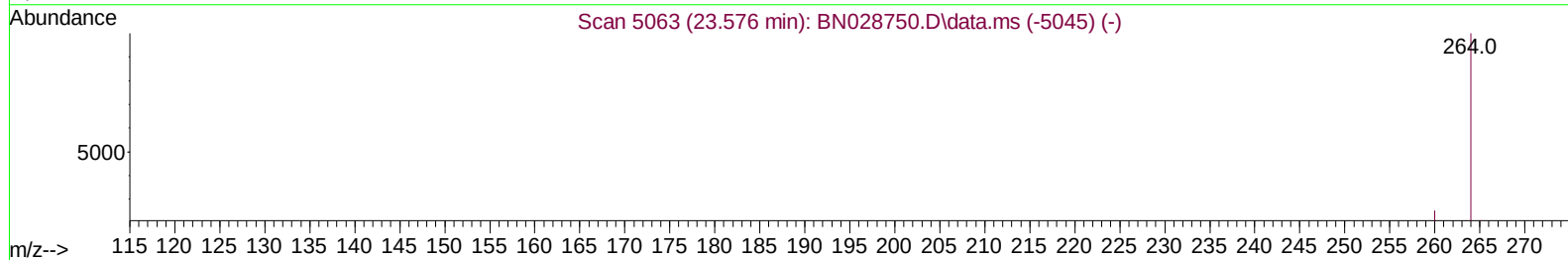
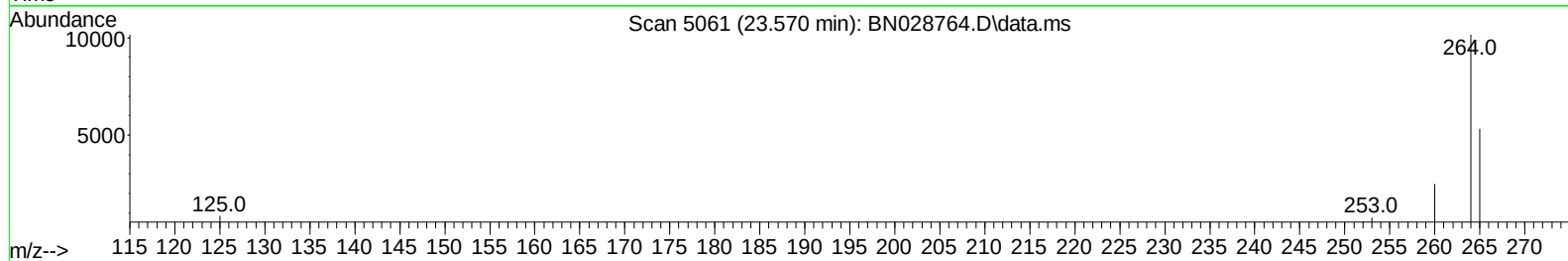
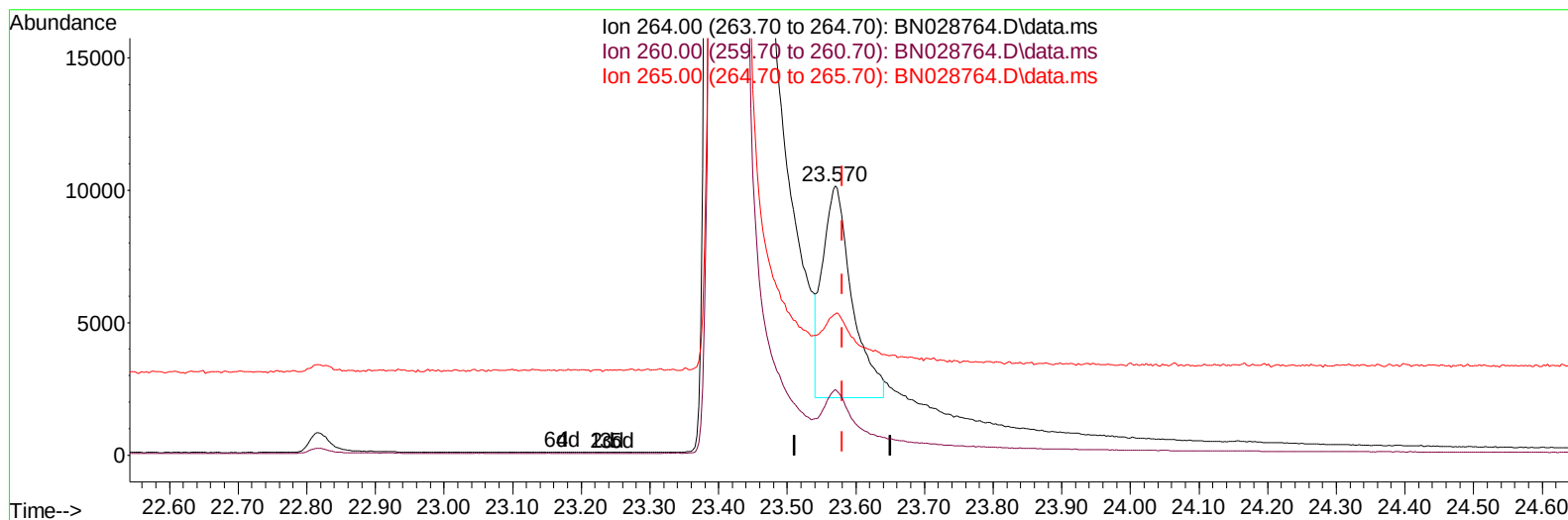
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028764.D
Acq On : 19 Nov 2023 06:53
Operator : MA/JU
Sample : 05370-09
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDQ5

Manual IntegrationsAPPROVED

Quant Time: Nov 20 01:04:00 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: BN028764.D\data.ms

(23) Perylene-d12 (I)

23.570min (-0.011) 0.40 ng/ul m

response 23604

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.40	24.50
265.00	38.80	52.49#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028764.D
 Acq On : 19 Nov 2023 06:53
 Operator : MA/JU
 Sample : 05370-09
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDQ5

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/20/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.736	152	5816m	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.473	136	22737m	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.317	164	13506m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.082	188	24825m	0.400	ng/ul	0.00
17) Chrysene-d12	21.296	240	16698m	0.400	ng/ul	0.00
23) Perylene-d12	23.570	264	23604m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.112	96	36747	5.717	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.139	152	7654m	0.224	ng/ul	0.03
18) Fluoranthene-d10	19.113	212	31791m	0.592	ng/ul	0.00

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

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