

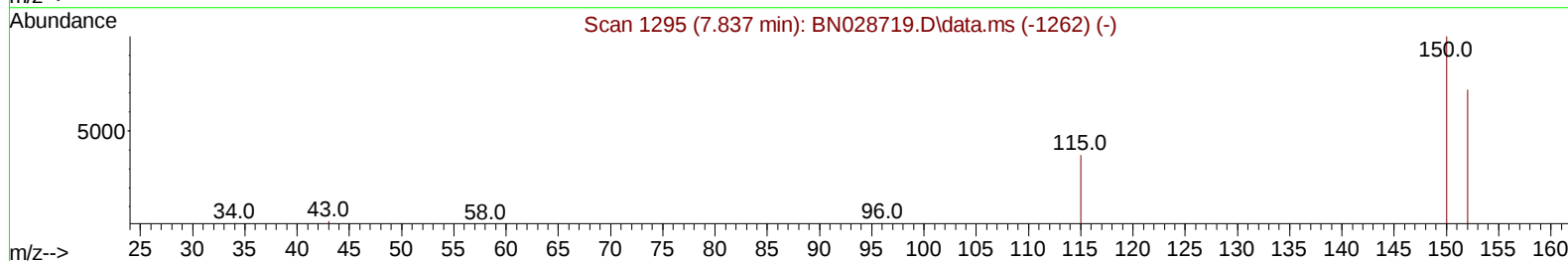
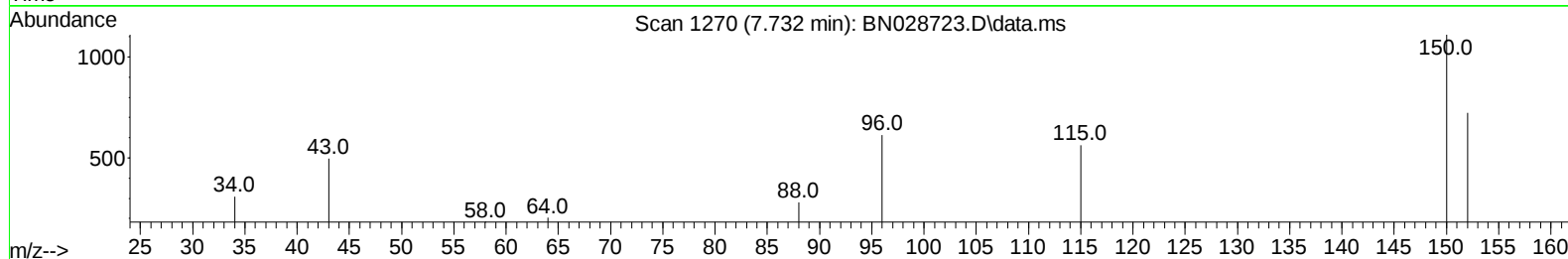
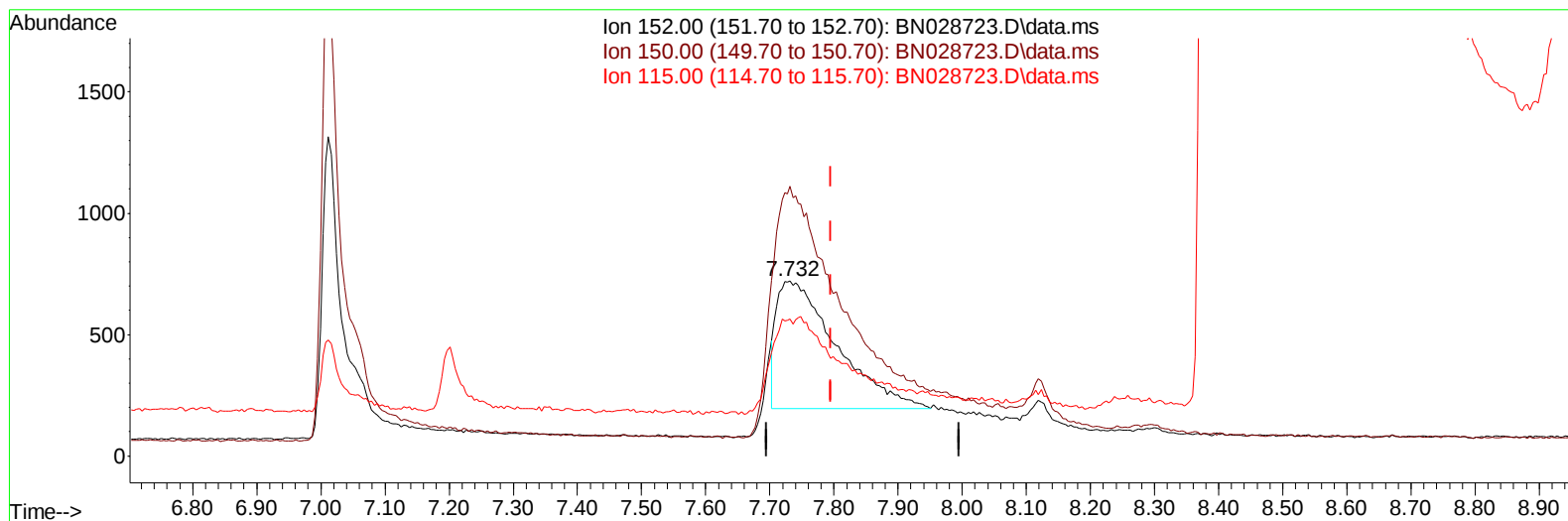
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028723.D
Acq On : 18 Nov 2023 05:07
Operator : MA/JU
Sample : 05369-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDM9

Manual IntegrationsAPPROVED

Quant Time: Nov 18 11:34:16 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: BN028723.D\data.ms

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

7.732min (-0.063) 0.40 ng/u1

response 3400

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	153.74
115.00	62.20	78.12#
0.00	0.00	0.00

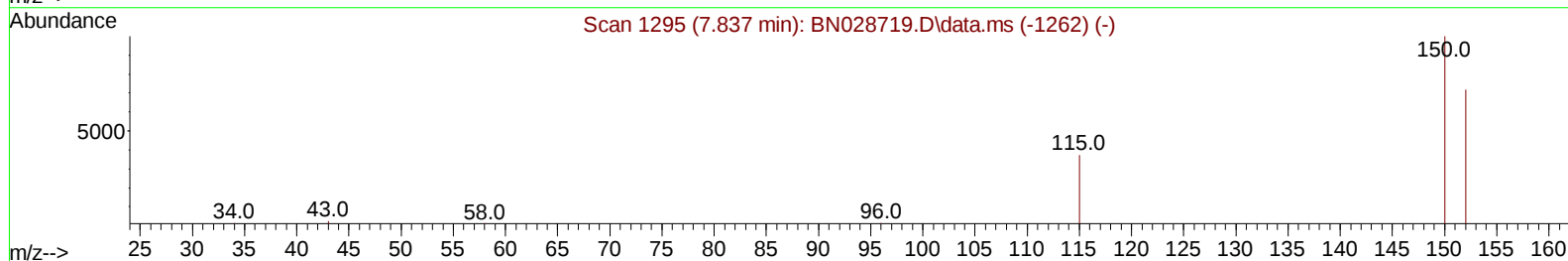
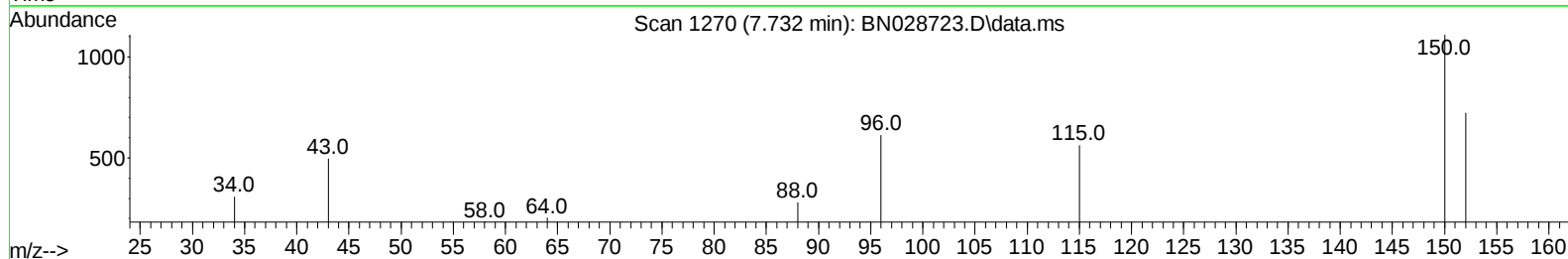
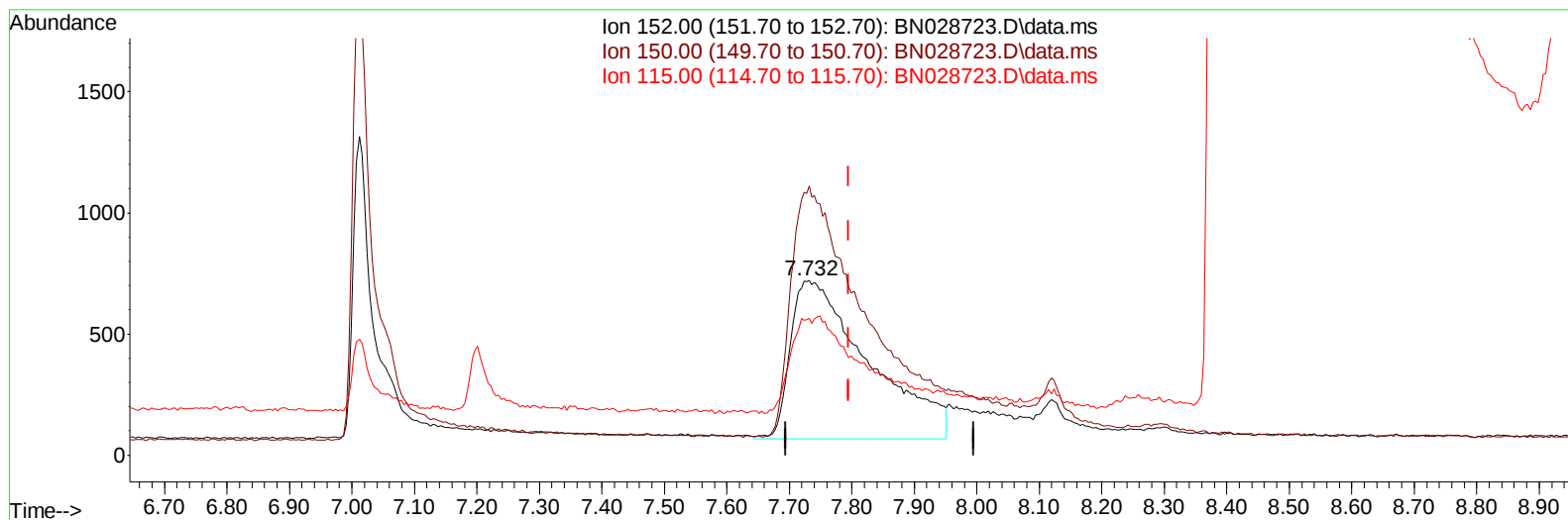
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Data File : BN028723.D
Acq On : 18 Nov 2023 05:07
Operator : MA/JU
Sample : 05369-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDM9

Manual IntegrationsAPPROVED

Quant Time: Nov 18 11:34:16 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: BN028723.D\data.ms

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

7.732min (-0.063) 0.40 ng/ul m

response 5709

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	153.74
115.00	62.20	78.12#
0.00	0.00	0.00

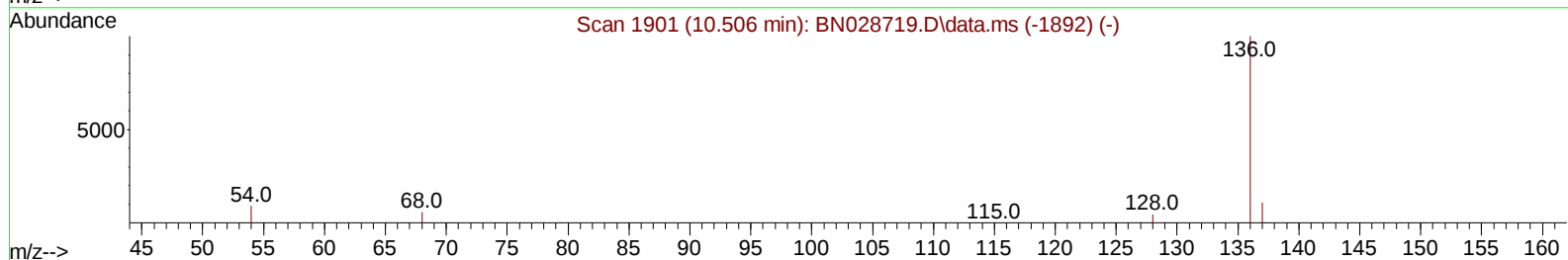
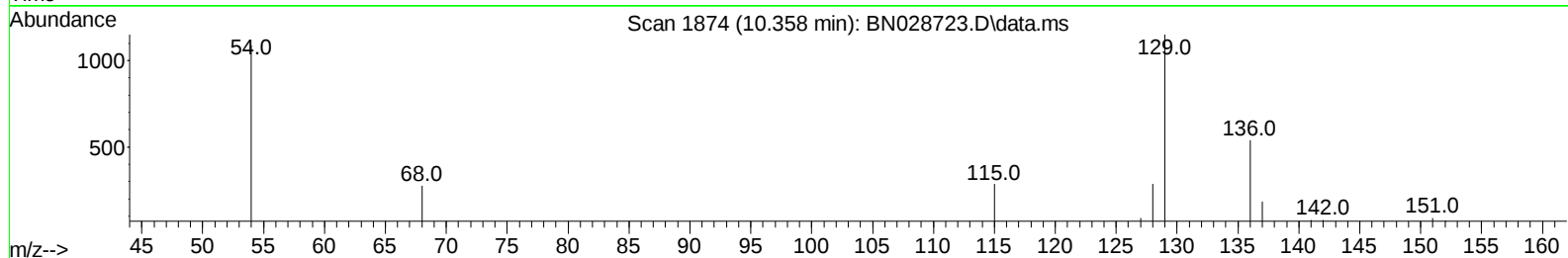
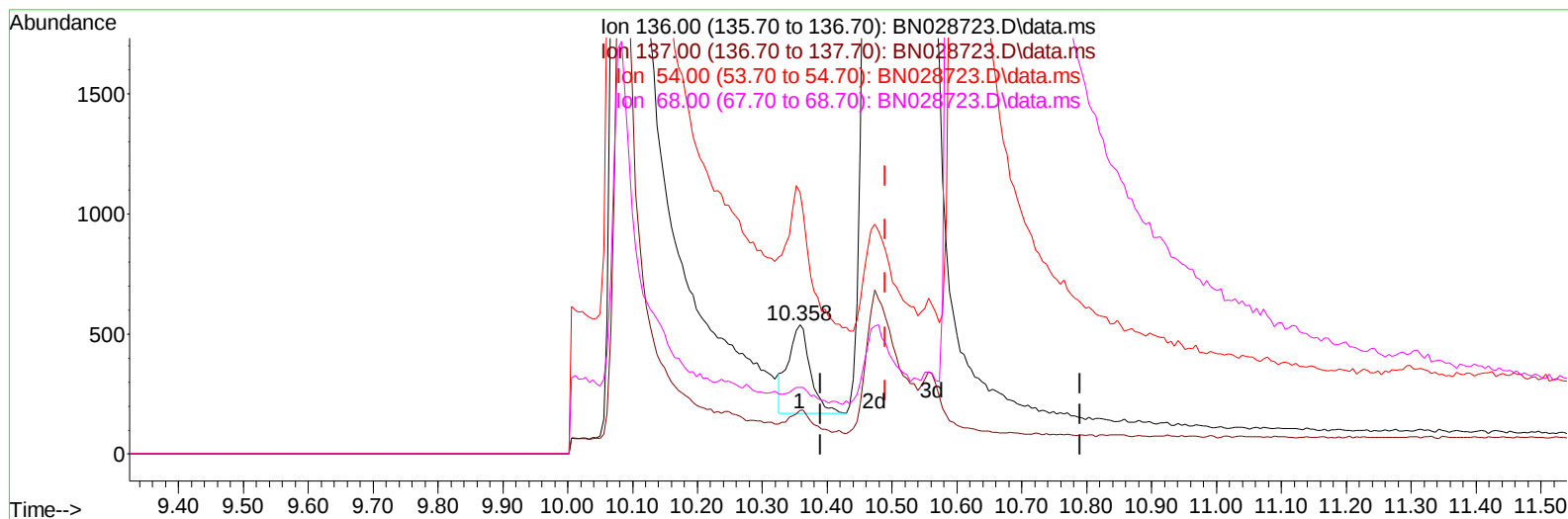
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Data File : BN028723.D
Acq On : 18 Nov 2023 05:07
Operator : MA/JU
Sample : 05369-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDM9

Manual IntegrationsAPPROVED

Quant Time: Nov 18 11:34:16 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: BN028723.D\data.ms

(4) Naphthalene-d8 (I)

10.358min (-0.132) 0.40 ng/u1

response 872

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	34.20#
54.00	9.00	202.42#
68.00	7.10	51.49#

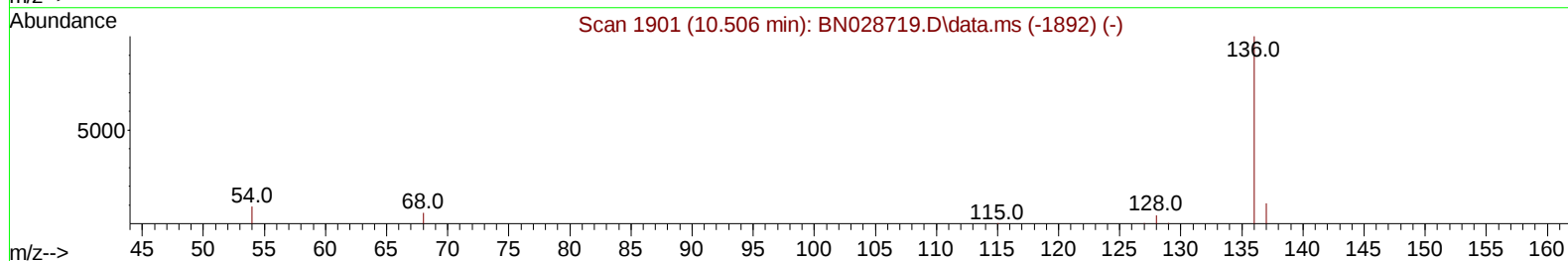
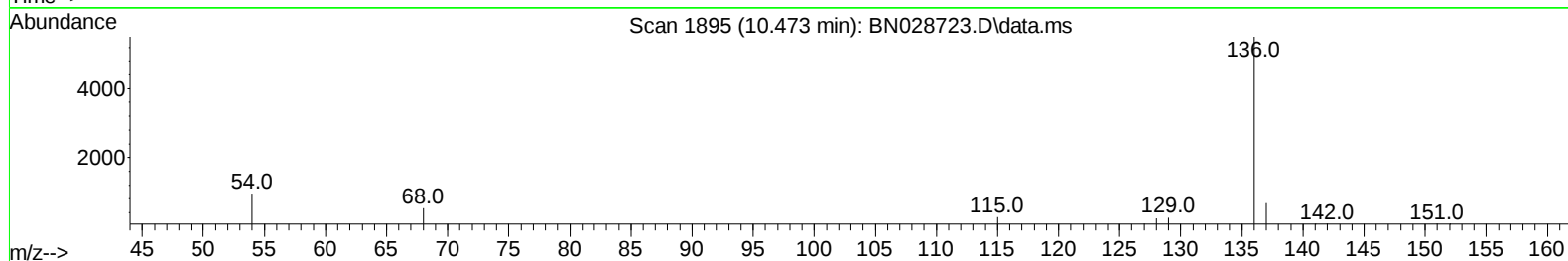
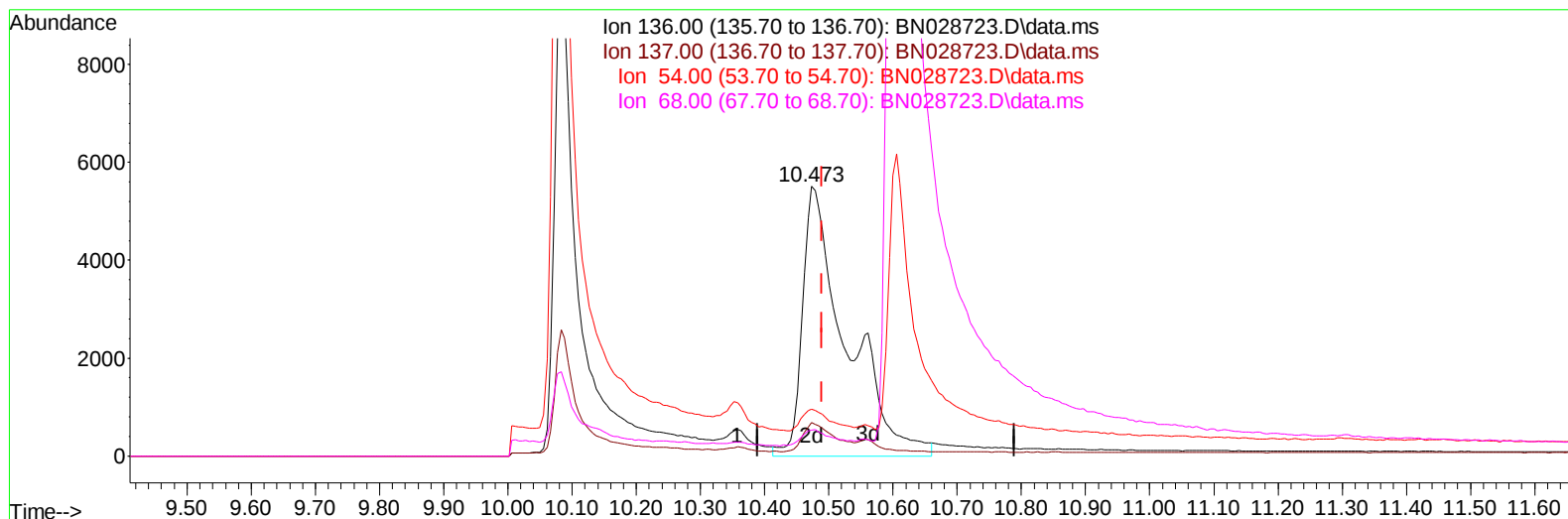
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028723.D
 Acq On : 18 Nov 2023 05:07
 Operator : MA/JU
 Sample : 05369-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDM9

Manual IntegrationsAPPROVED

Quant Time: Nov 18 11:34:16 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: BN028723.D\data.ms

(4) Naphthalene-d8 (I)

10.473min (-0.017) 0.40 ng/ul m

response 26073

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	12.38
54.00	9.00	17.37#
68.00	7.10	9.66#

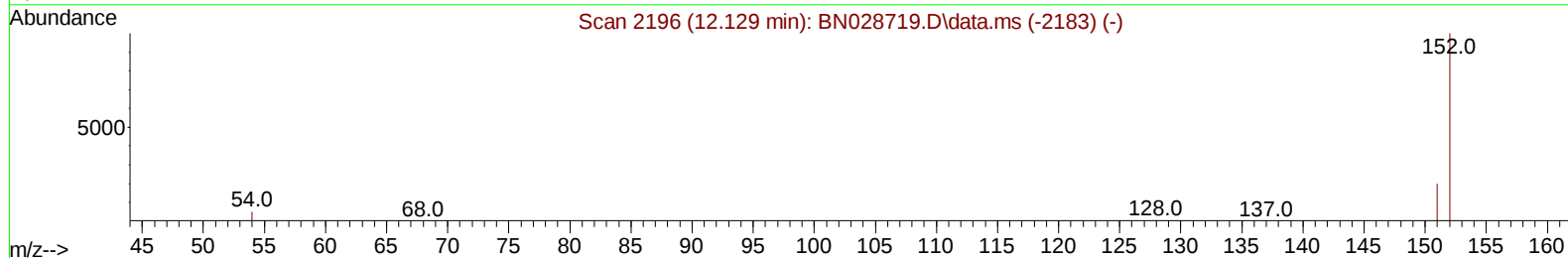
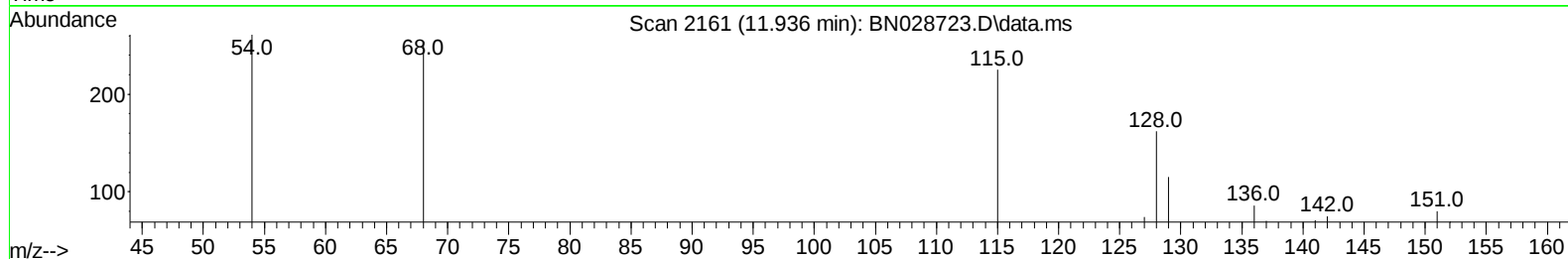
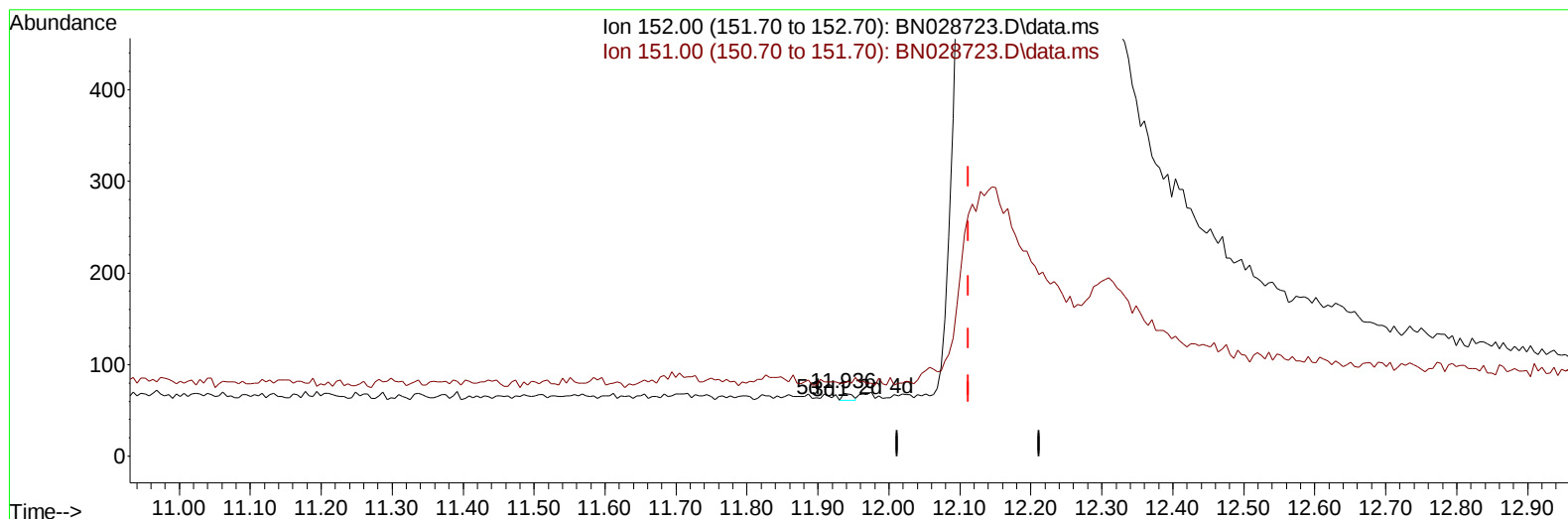
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028723.D
Acq On : 18 Nov 2023 05:07
Operator : MA/JU
Sample : 05369-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDM9

Manual IntegrationsAPPROVED

Quant Time: Nov 18 11:34:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
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TIC: BN028723.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

11.936min (-0.176) 0.00 ng/u1

response 8

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

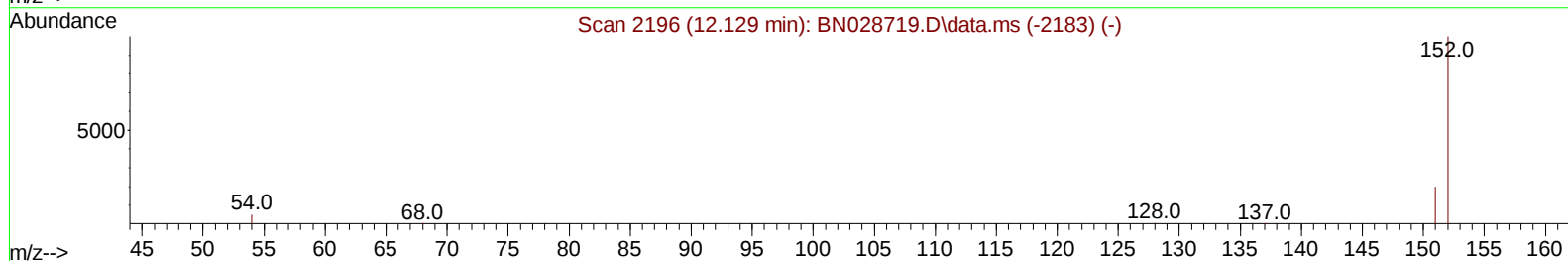
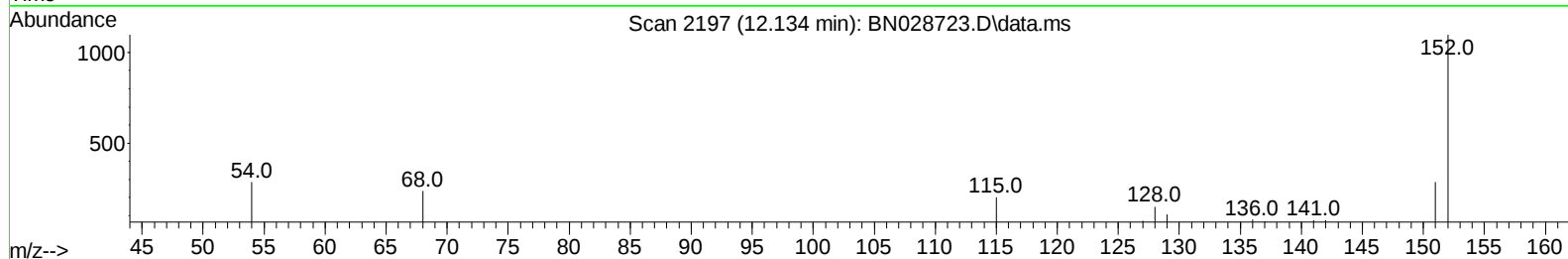
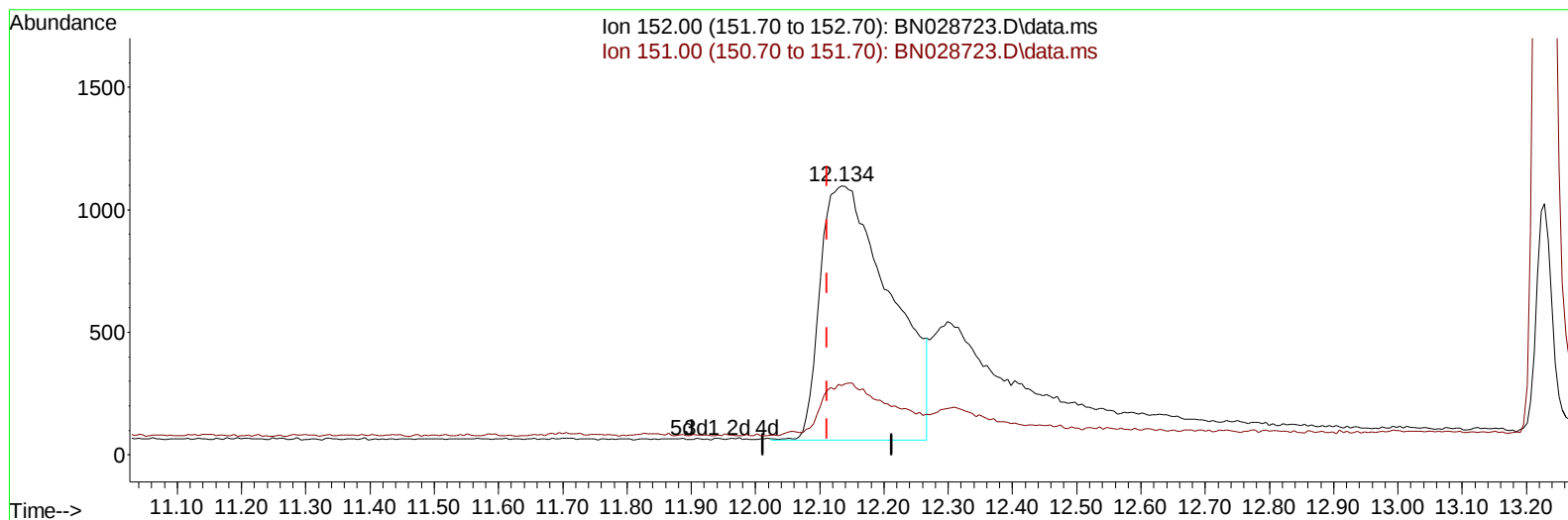
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 Data File : BN028723.D
 Acq On : 18 Nov 2023 05:07
 Operator : MA/JU
 Sample : 05369-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDM9

Manual IntegrationsAPPROVED

Quant Time: Nov 18 11:34:16 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: BN028723.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.134min (+ 0.022) 0.20 ng/ul m

response 7854

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.50	0.10#
0.00	0.00	0.00
0.00	0.00	0.00

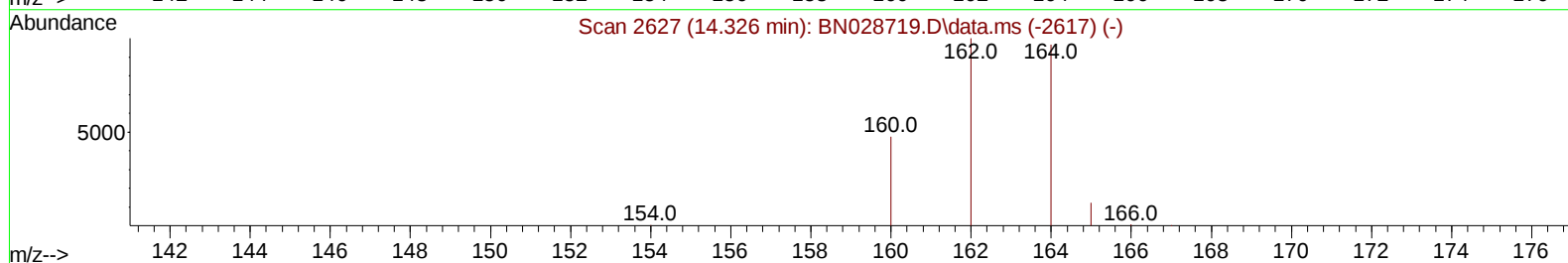
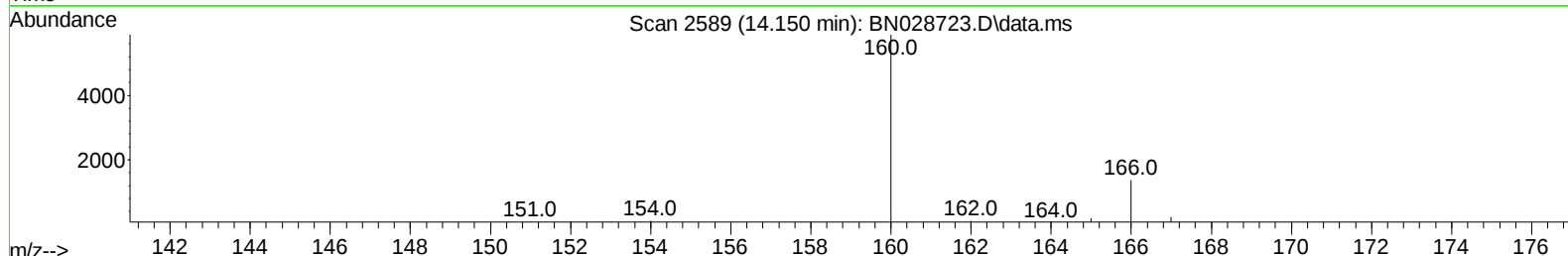
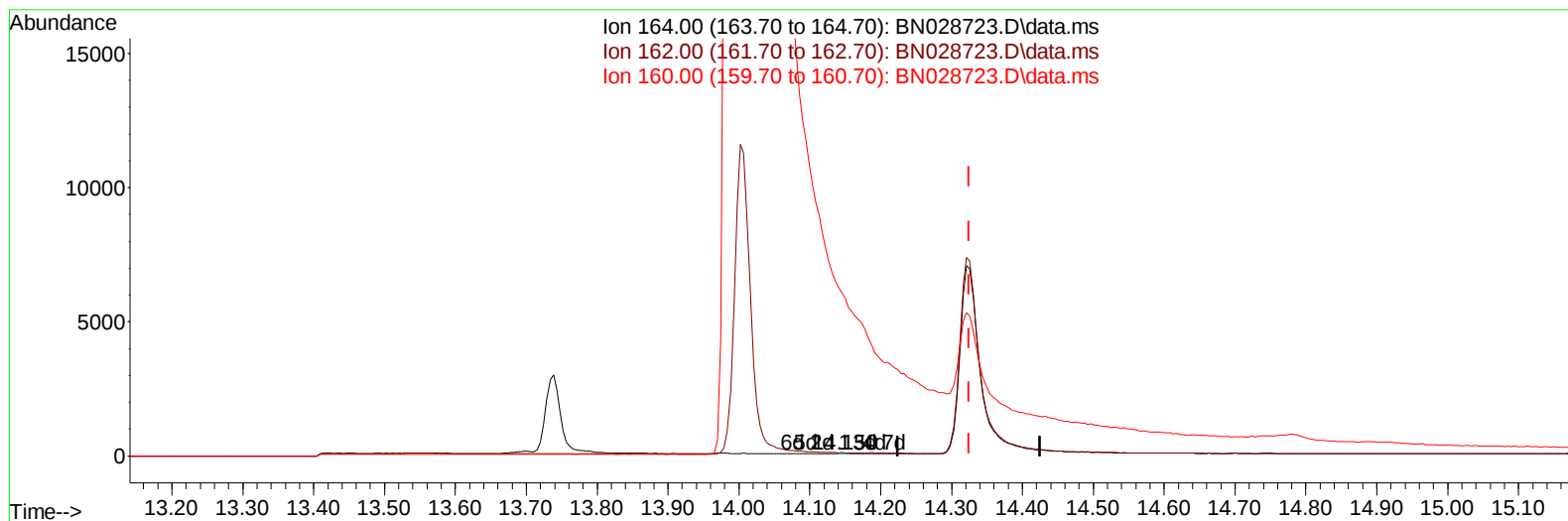
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028723.D
 Acq On : 18 Nov 2023 05:07
 Operator : MA/JU
 Sample : 05369-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDM9

Manual IntegrationsAPPROVED

Quant Time: Nov 18 11:34:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
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TIC: BN028723.D\data.ms

(9) Acenaphthene-d10 (I)

14.150min (-0.175) 0.40 ng/u1

response 3

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	103.90	140.48#
160.00	49.20	7002.38#
0.00	0.00	0.00

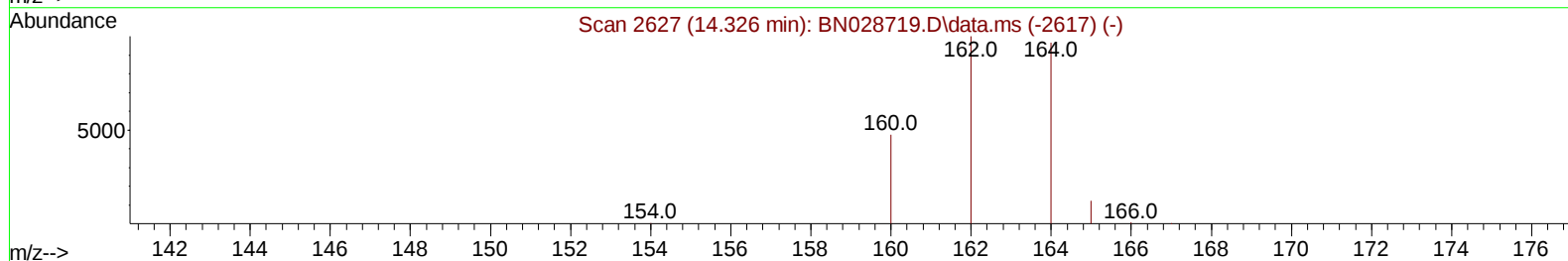
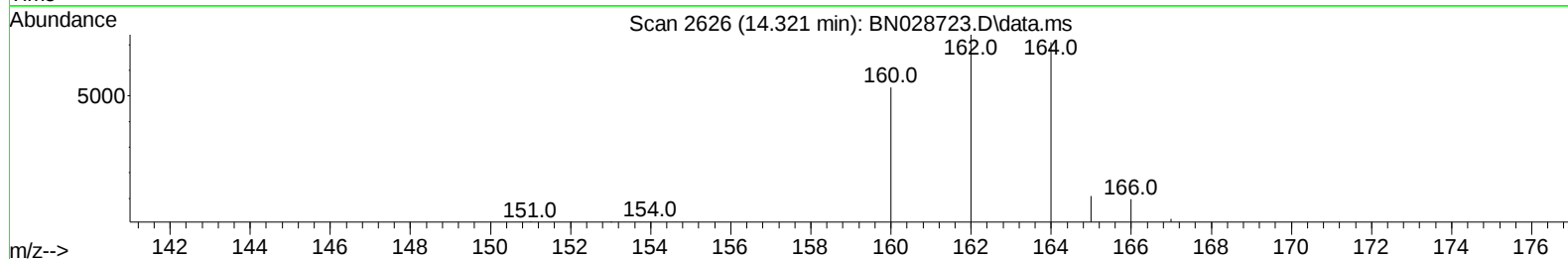
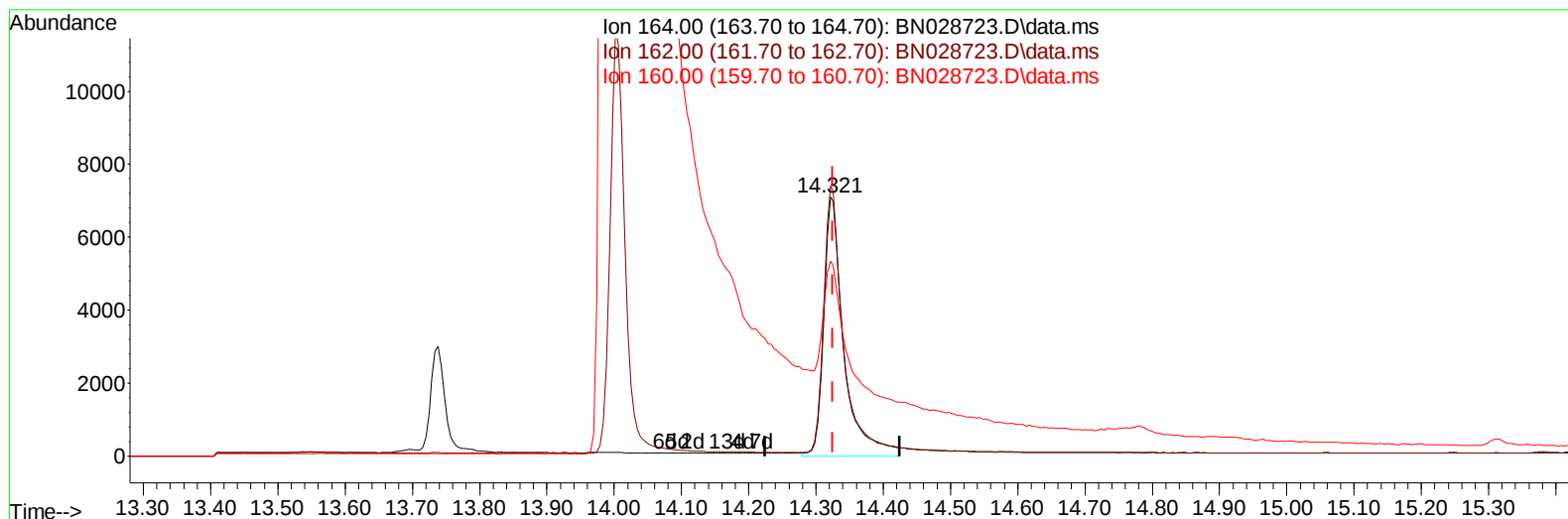
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028723.D
 Acq On : 18 Nov 2023 05:07
 Operator : MA/JU
 Sample : 05369-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDM9

Manual IntegrationsAPPROVED

Quant Time: Nov 18 11:34:16 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: BN028723.D\data.ms

(9) Acenaphthene-d10 (I)

14.321min (-0.004) 0.40 ng/u1 m

response 14773

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	103.90	104.20
160.00	49.20	75.20#
0.00	0.00	0.00

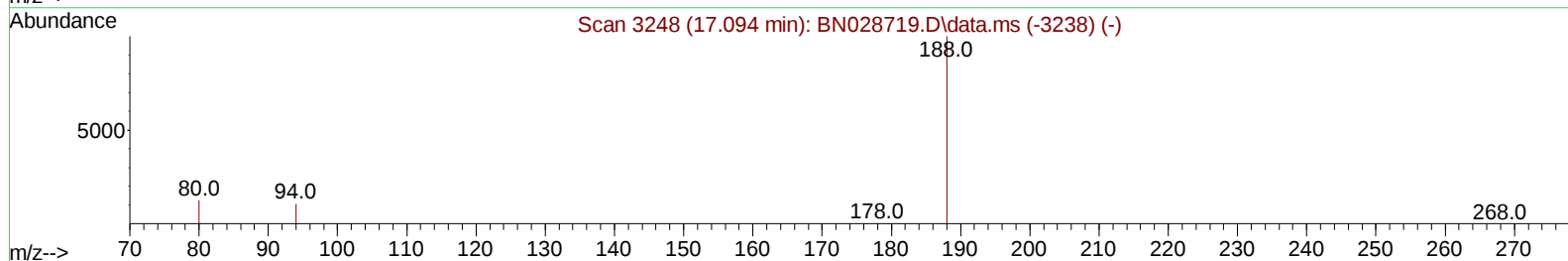
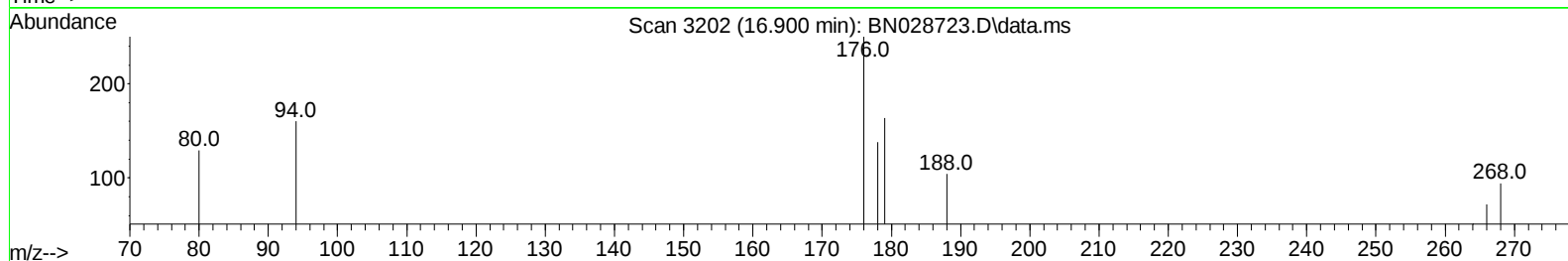
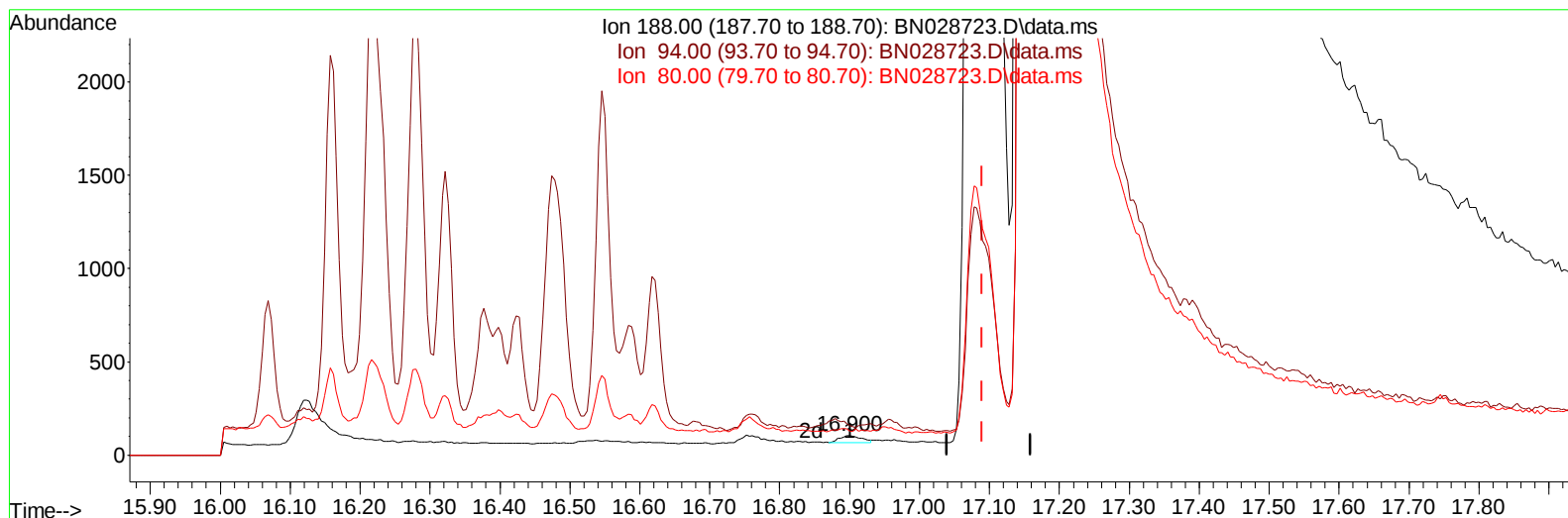
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 Data File : BN028723.D
 Acq On : 18 Nov 2023 05:07
 Operator : MA/JU
 Sample : 05369-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDM9

Manual IntegrationsAPPROVED

Quant Time: Nov 18 11:34:16 2023
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TIC: BN028723.D\data.ms

(13) Phenanthrene-d10 (I)

16.900min (-0.189) 0.40 ng/u1

response 82

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.10	153.85#
80.00	10.90	124.04#
0.00	0.00	0.00

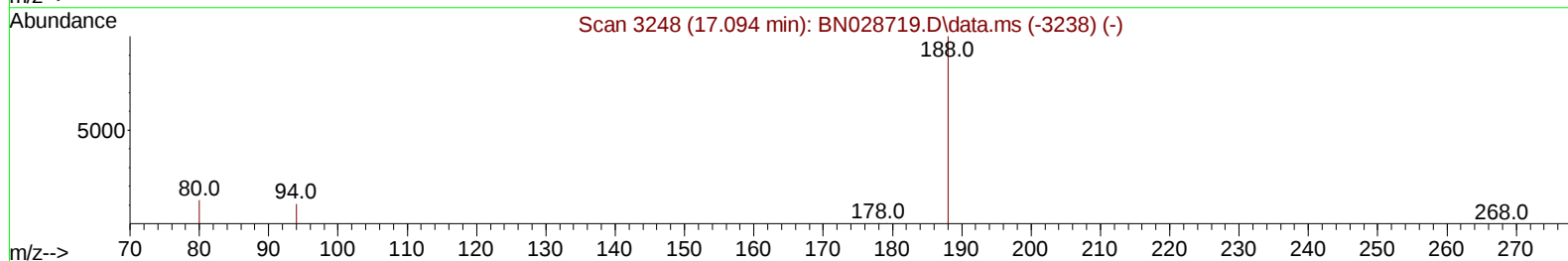
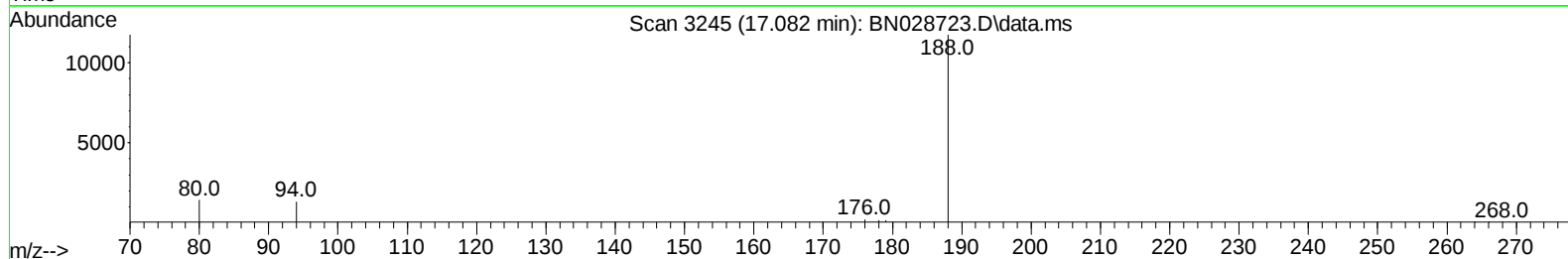
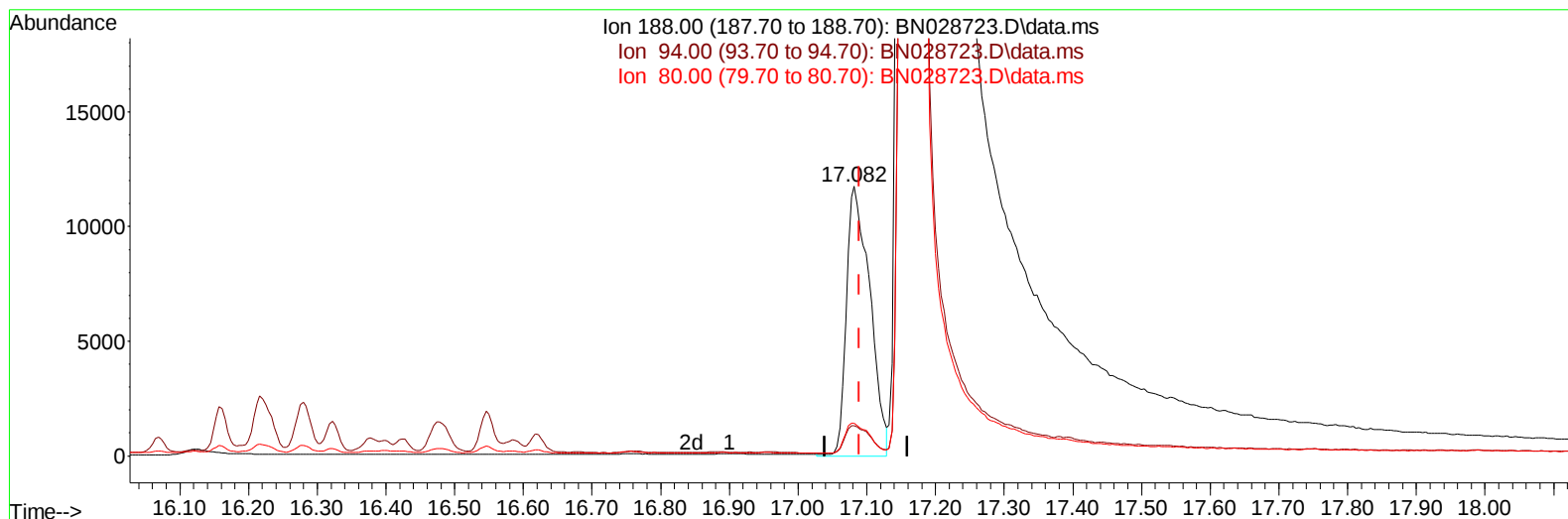
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 Data File : BN028723.D
 Acq On : 18 Nov 2023 05:07
 Operator : MA/JU
 Sample : 05369-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDM9

Manual IntegrationsAPPROVED

Quant Time: Nov 18 11:34:16 2023
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TIC: BN028723.D\data.ms

(13) Phenanthrene-d10 (I)

17.082min (-0.008) 0.40 ng/u1 m

response 27809

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.10	11.28
80.00	10.90	12.19
0.00	0.00	0.00

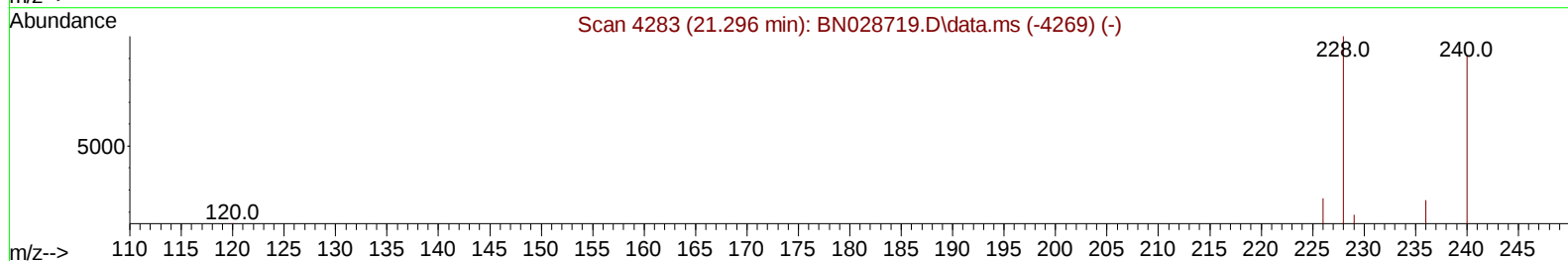
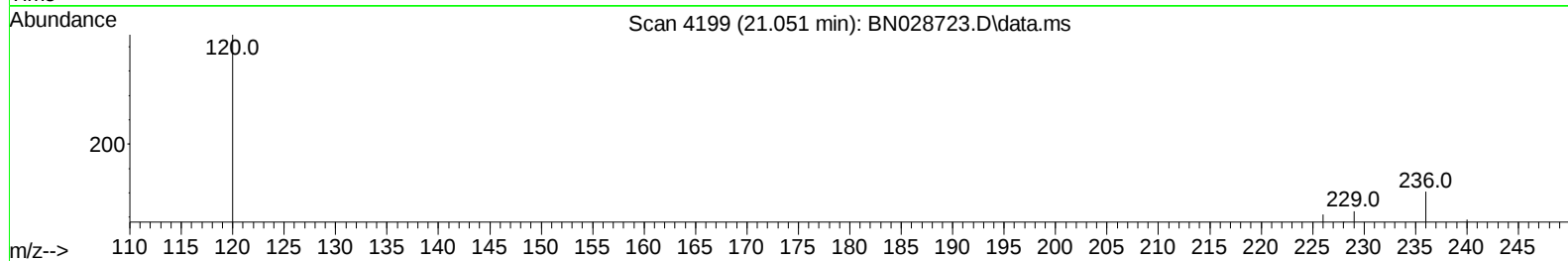
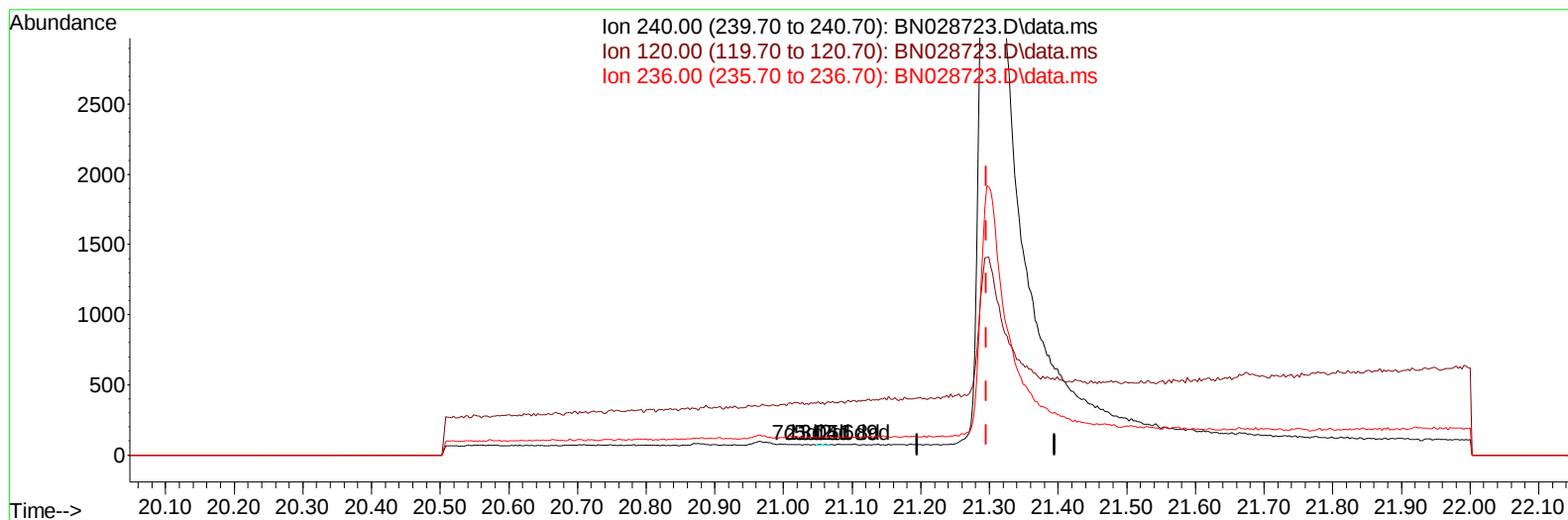
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 Data File : BN028723.D
 Acq On : 18 Nov 2023 05:07
 Operator : MA/JU
 Sample : 05369-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDM9

Manual IntegrationsAPPROVED

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TIC: BN028723.D\data.ms

(17) Chrysene-d12

21.051min (-0.245) 0.40 ng/u1

response 3

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.00	500.00#
236.00	28.00	160.53#
0.00	0.00	0.00

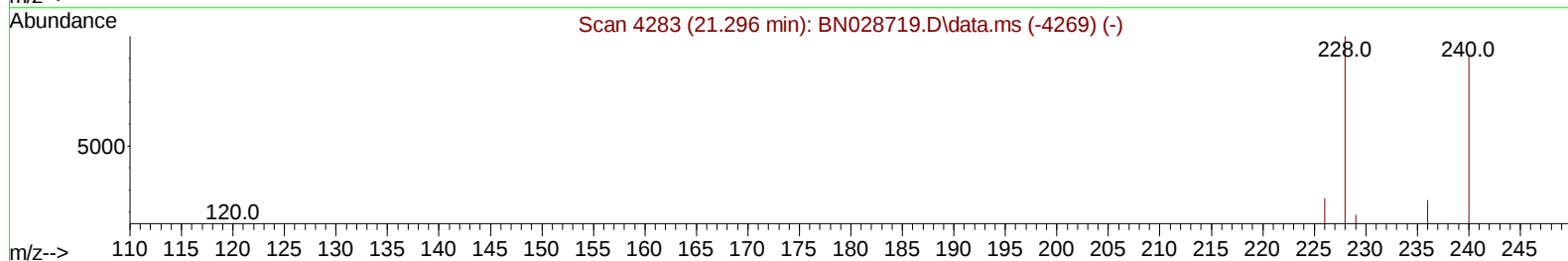
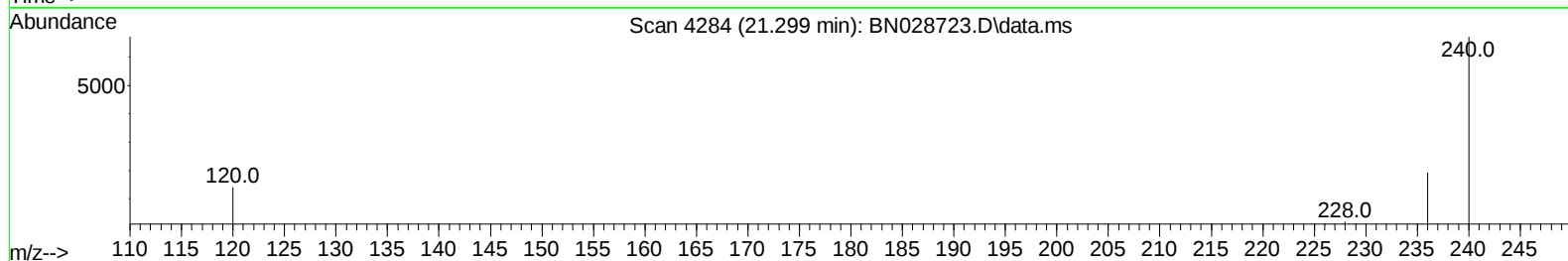
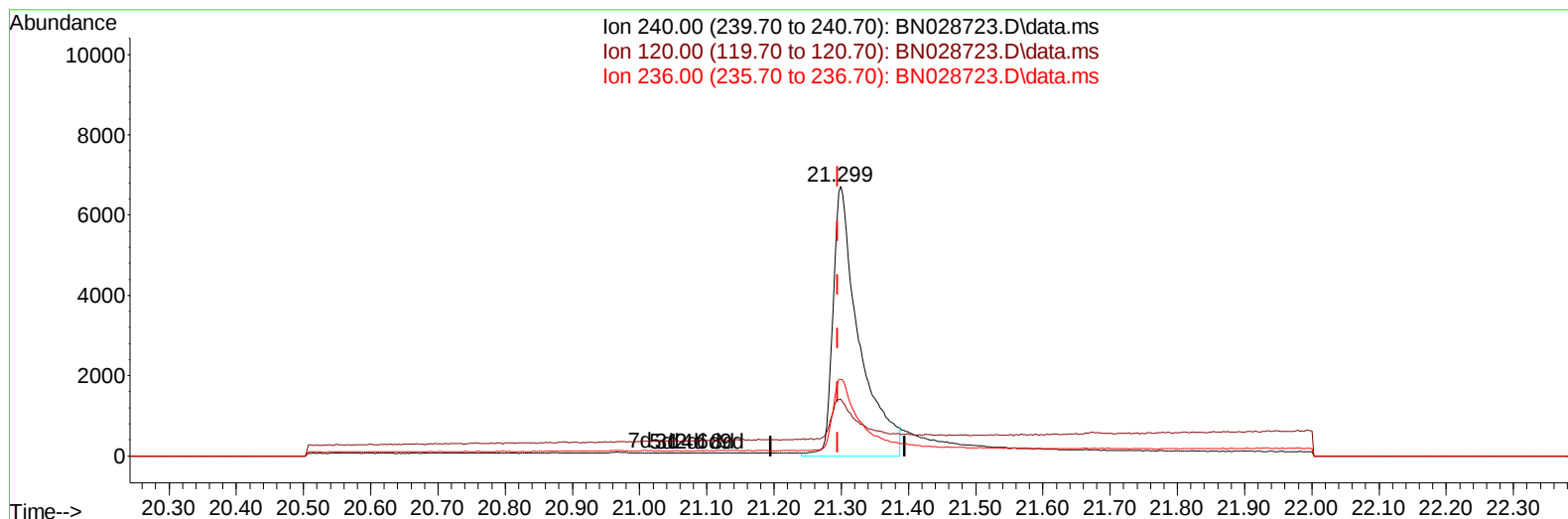
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028723.D
 Acq On : 18 Nov 2023 05:07
 Operator : MA/JU
 Sample : 05369-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDM9

Manual IntegrationsAPPROVED

Quant Time: Nov 18 11:34:16 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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TIC: BN028723.D\data.ms

(17) Chrysene-d12

21.299min (+ 0.004) 0.40 ng/ul m

response 18123

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.00	21.05#
236.00	28.00	28.53
0.00	0.00	0.00

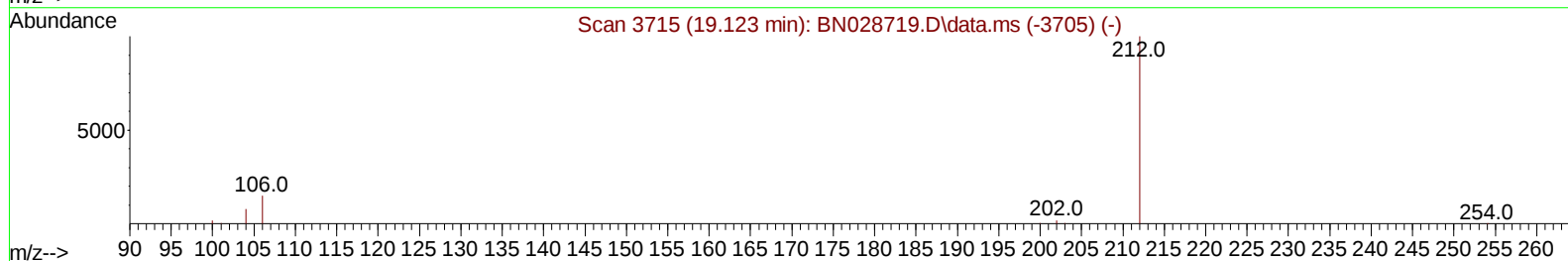
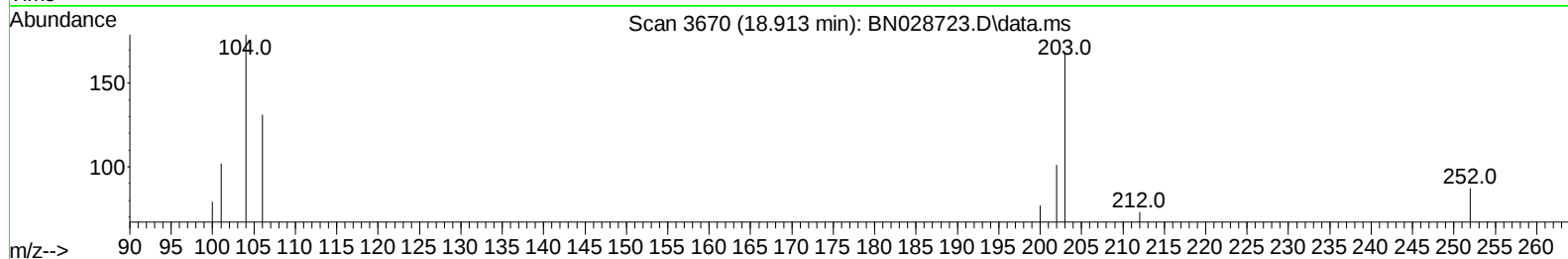
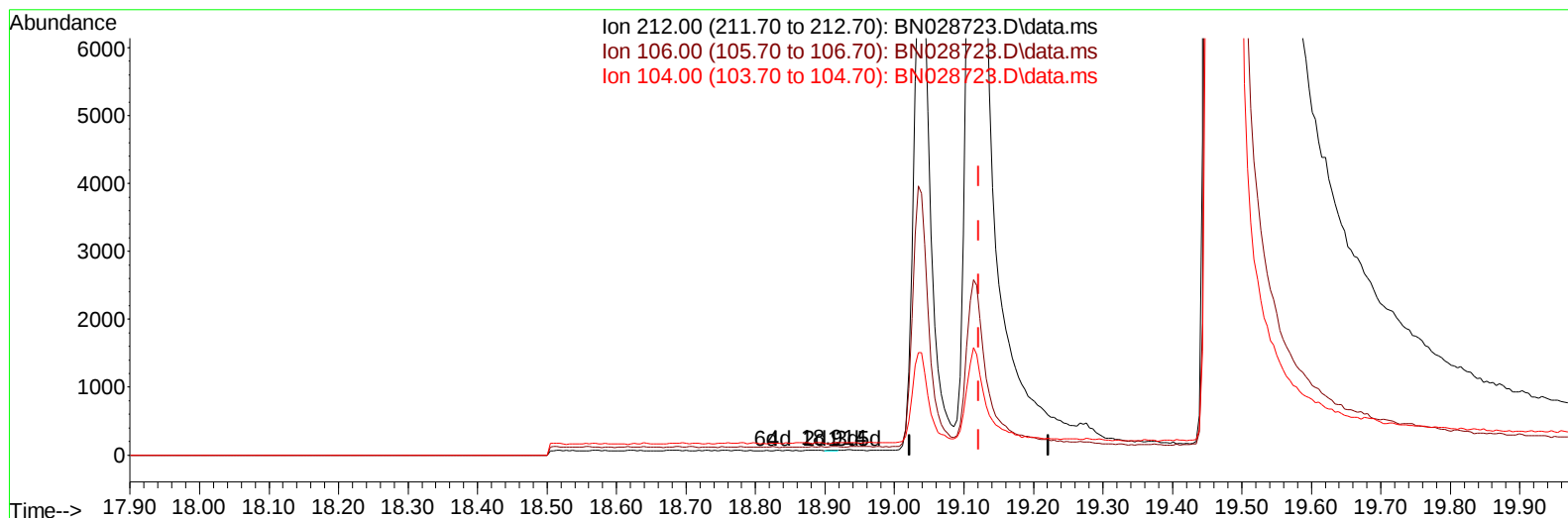
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028723.D
 Acq On : 18 Nov 2023 05:07
 Operator : MA/JU
 Sample : 05369-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDM9

Manual IntegrationsAPPROVED

Quant Time: Nov 18 11:34:16 2023
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TIC: BN028723.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.913min (-0.208) 0.00 ng/u1

response 5

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.80	320.00#
104.00	8.30	0.00#
0.00	0.00	0.00

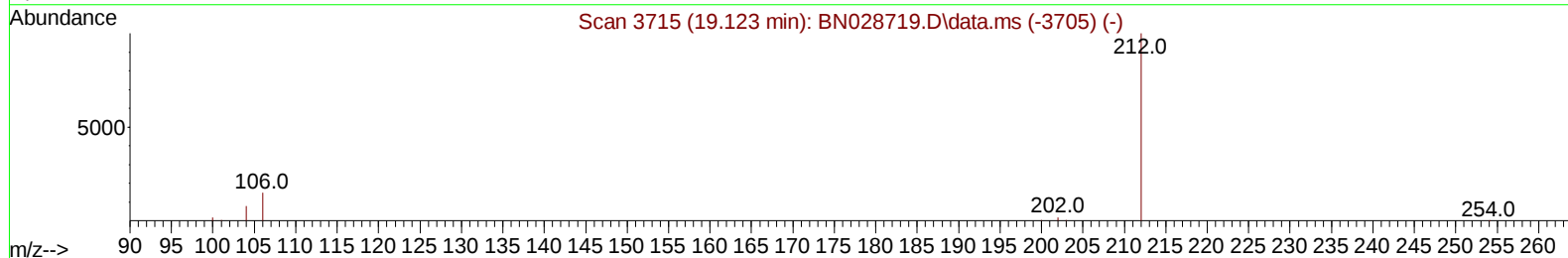
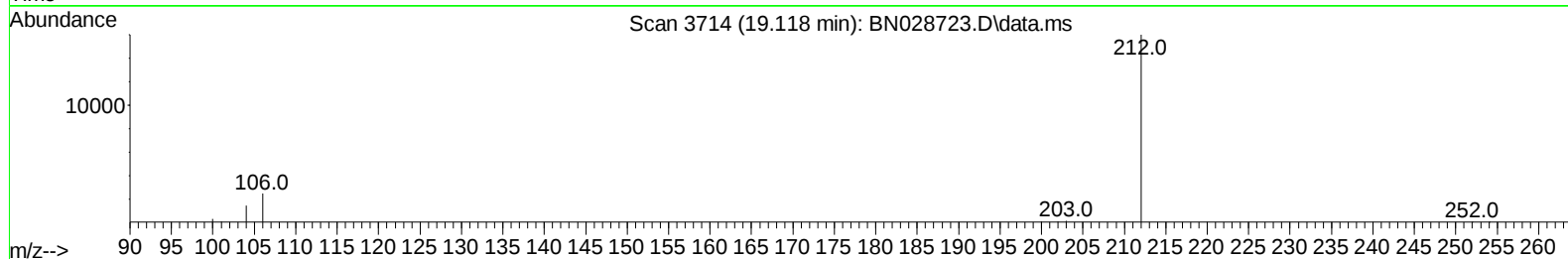
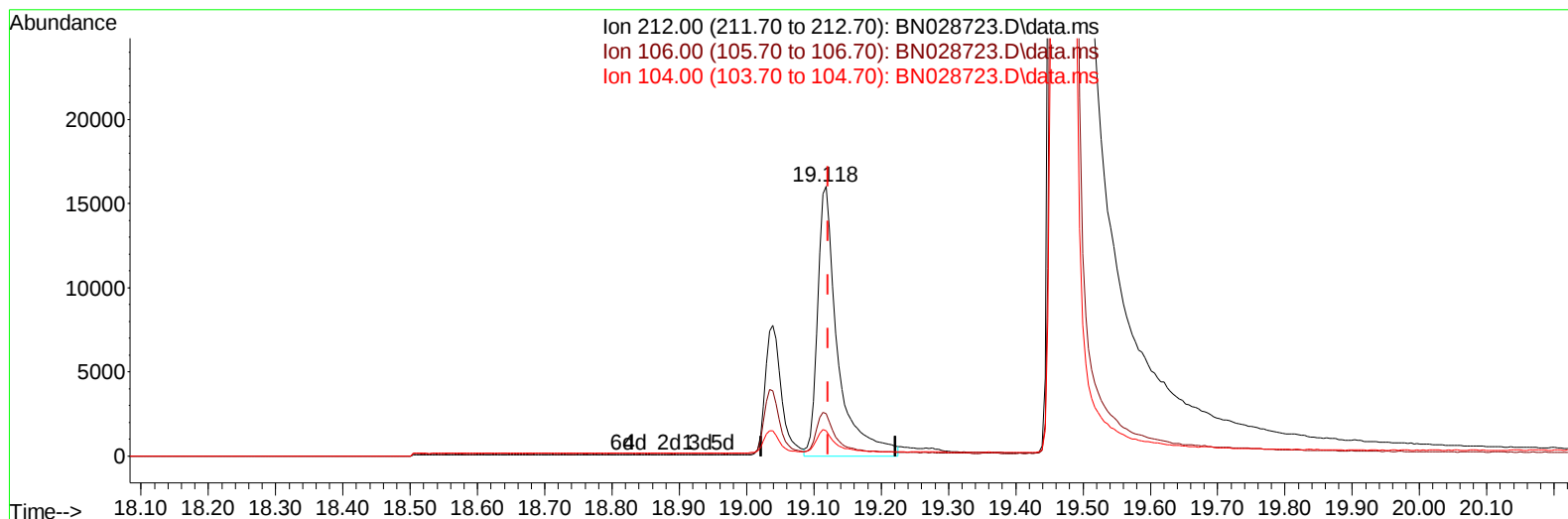
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028723.D
 Acq On : 18 Nov 2023 05:07
 Operator : MA/JU
 Sample : 05369-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDM9

Manual IntegrationsAPPROVED

Quant Time: Nov 18 11:34:16 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: BN028723.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.118min (-0.004) 0.57 ng/ul m

response 33101

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.80	0.05#
104.00	8.30	0.00#
0.00	0.00	0.00

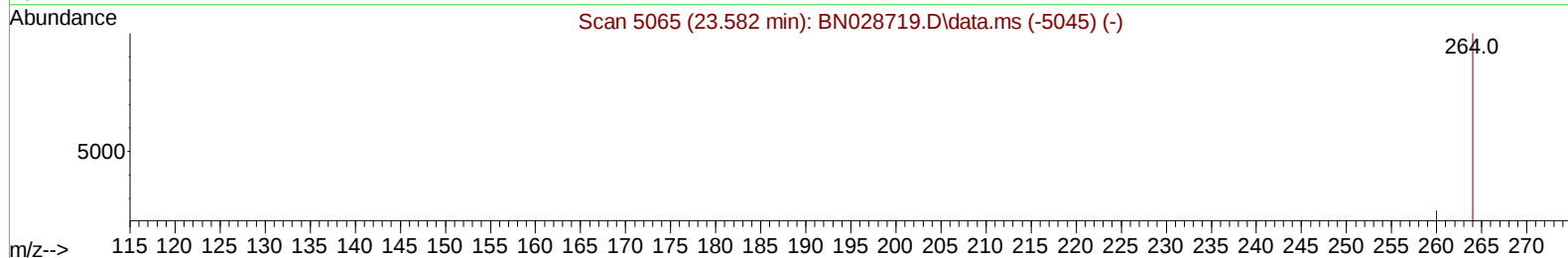
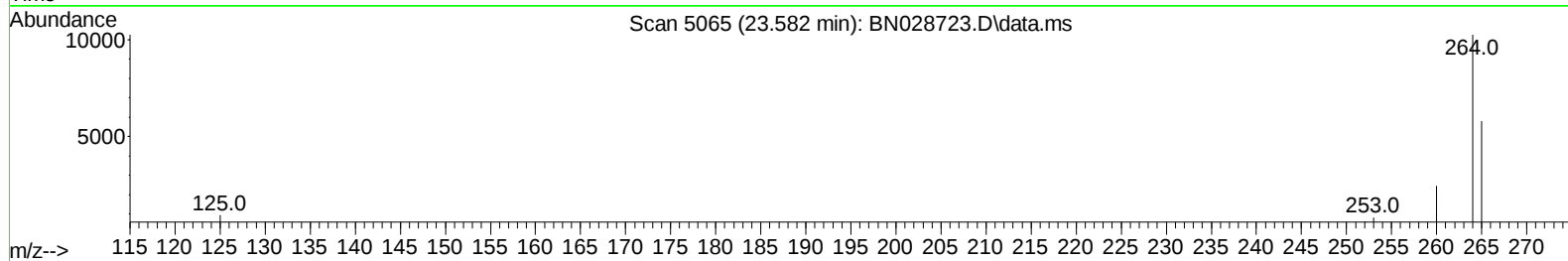
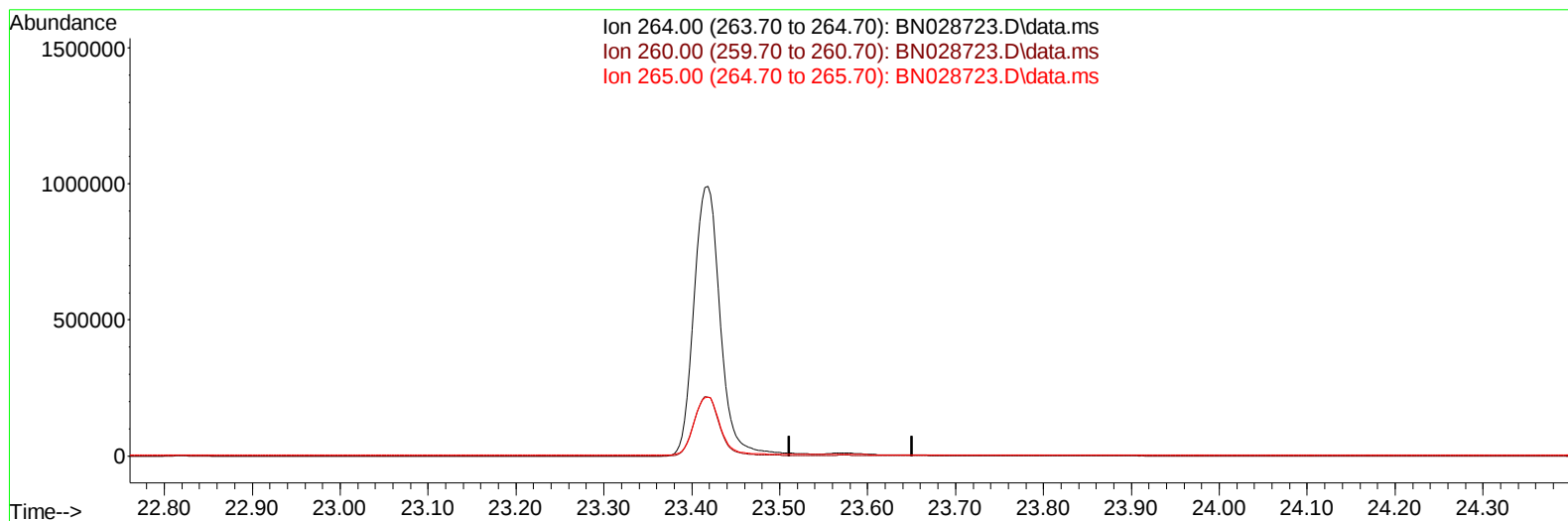
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028723.D
 Acq On : 18 Nov 2023 05:07
 Operator : MA/JU
 Sample : 05369-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDM9

Manual IntegrationsAPPROVED

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TIC: BN028723.D\data.ms

(23) Perylene-d12 (I)

23.581min (-23.581) 0.00 ng/u1

response 0

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

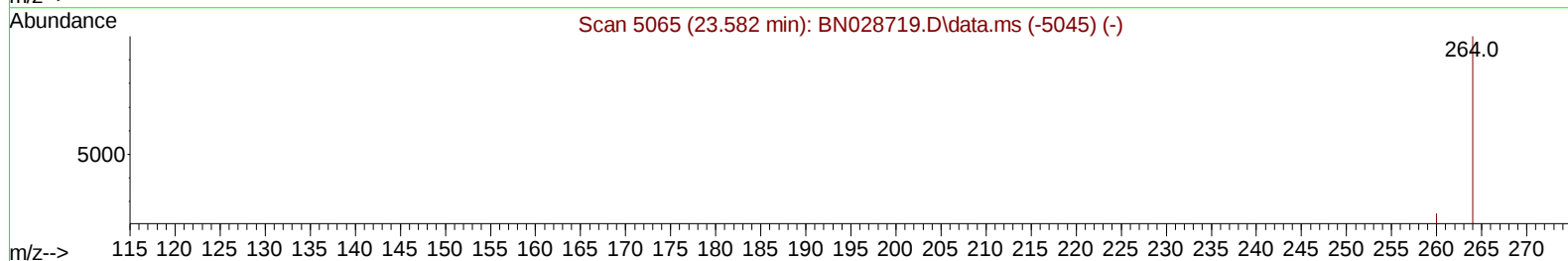
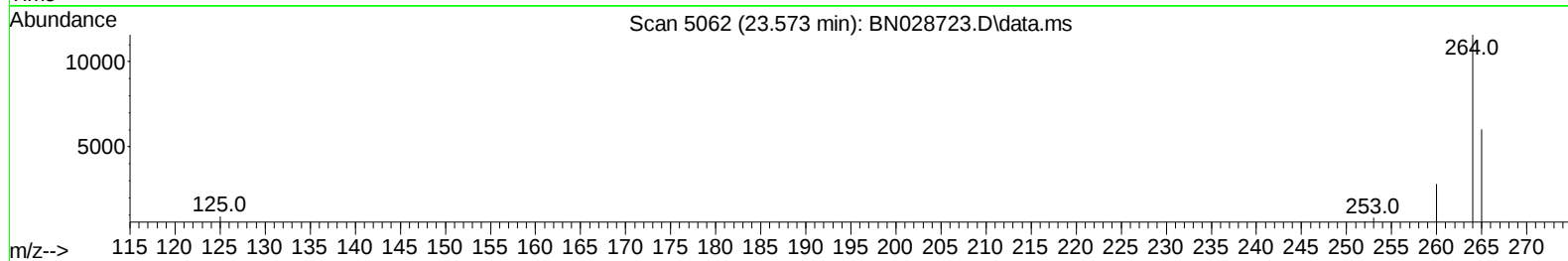
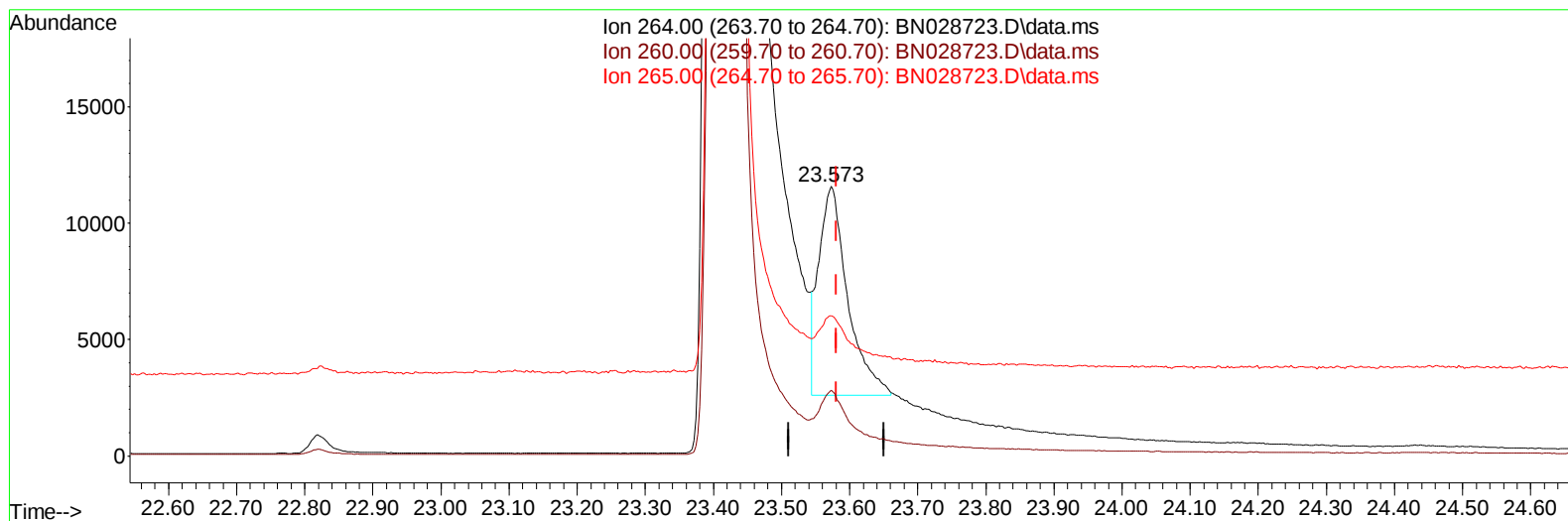
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028723.D
Acq On : 18 Nov 2023 05:07
Operator : MA/JU
Sample : 05369-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDM9

Manual IntegrationsAPPROVED

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

Quant Time: Nov 18 11:34:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
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QLast Update : Fri Nov 17 09:39:27 2023
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TIC: BN028723.D\data.ms

(23) Perylene-d12 (I)

23.573min (-0.008) 0.40 ng/ul m

response 26561

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.40	24.37
265.00	38.80	51.93#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028723.D
 Acq On : 18 Nov 2023 05:07
 Operator : MA/JU
 Sample : 05369-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDM9

Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.732	152	5709m	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.473	136	26073m	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.321	164	14773m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.082	188	27809m	0.400	ng/ul	0.00
17) Chrysene-d12	21.299	240	18123m	0.400	ng/ul	0.00
23) Perylene-d12	23.573	264	26561m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.112	96	43099	6.831	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.134	152	7854m	0.200	ng/ul	0.02
18) Fluoranthene-d10	19.118	212	33101m	0.568	ng/ul	0.00

Target Compounds Qvalue

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

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