

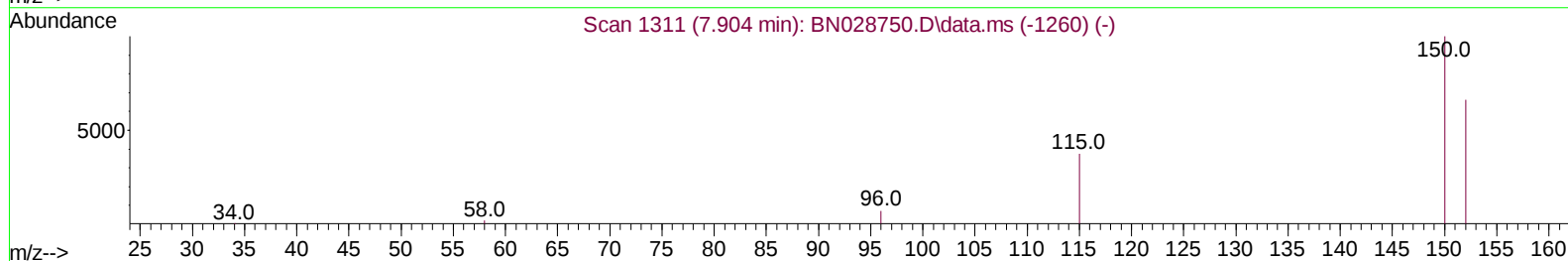
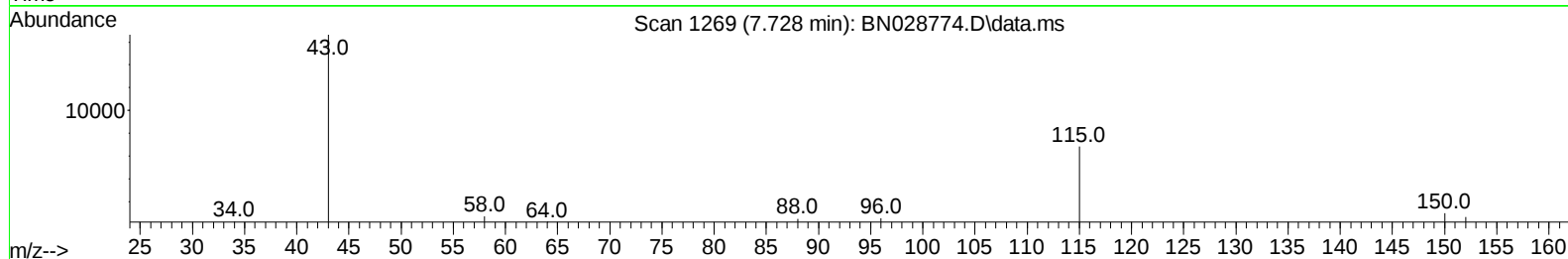
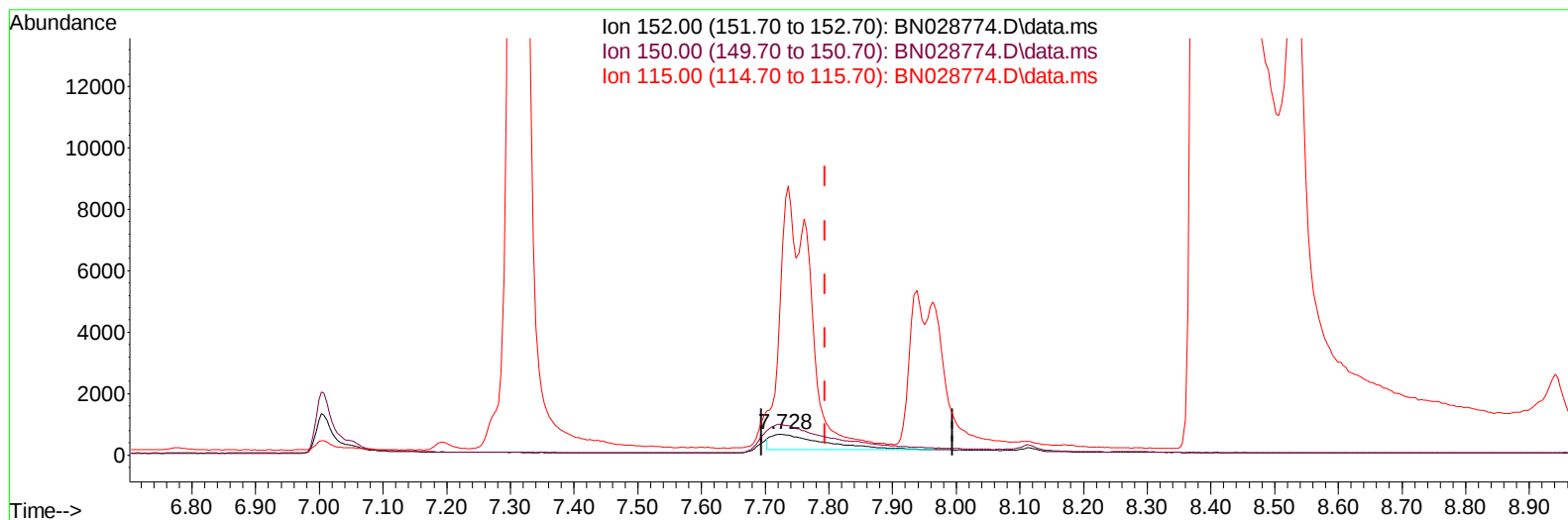
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028774.D
Acq On : 19 Nov 2023 13:26
Operator : MA/JU
Sample : 05370-18
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDR2

Manual IntegrationsAPPROVED

Quant Time: Nov 20 01:39:32 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 : Mon Nov 20 01:23:26 2023
Response via : Initial Calibration

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



TIC: BN028774.D\data.ms

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

7.728min (-0.067) 0.40 ng/u1

response 2984

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	145.70
115.00	62.20	1011.87#
0.00	0.00	0.00

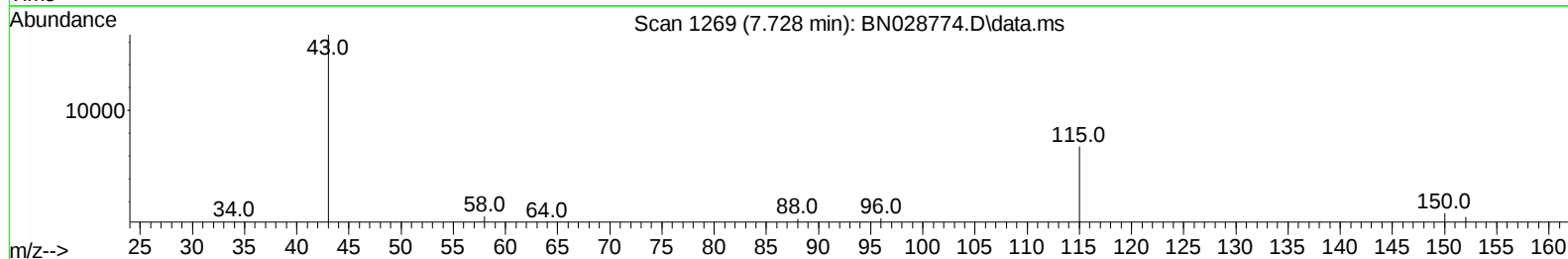
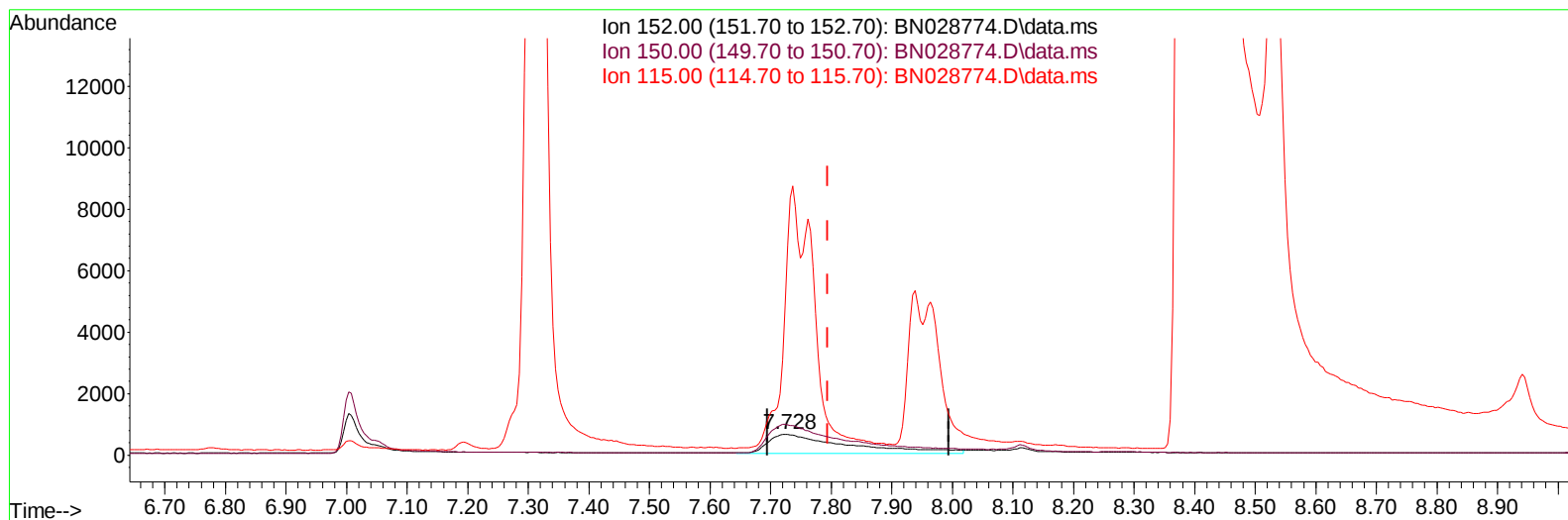
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028774.D
Acq On : 19 Nov 2023 13:26
Operator : MA/JU
Sample : 05370-18
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDR2

Manual IntegrationsAPPROVED

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 20 01:23:26 2023
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Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023



TIC: BN028774.D\data.ms

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

7.728min (-0.067) 0.40 ng/ul m

response 5609

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	145.70
115.00	62.20	1011.87#
0.00	0.00	0.00

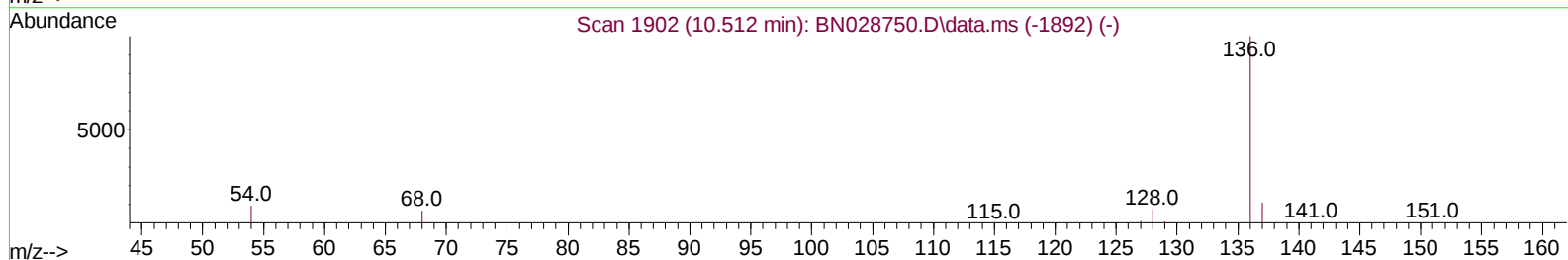
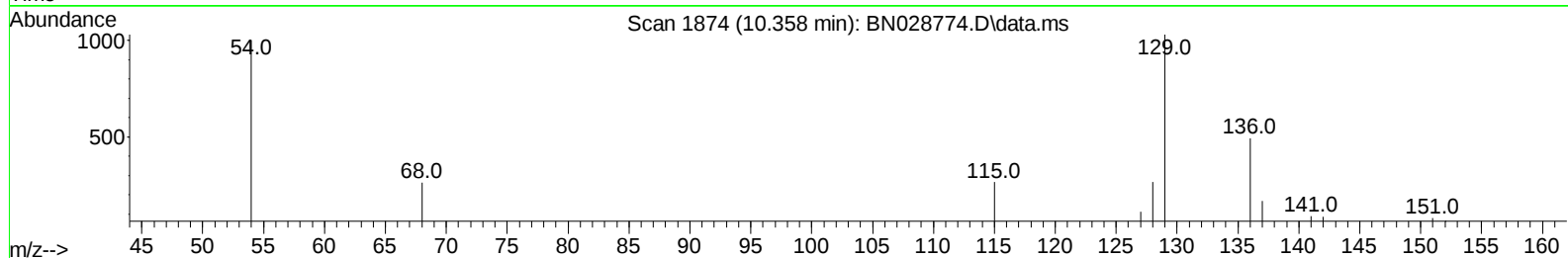
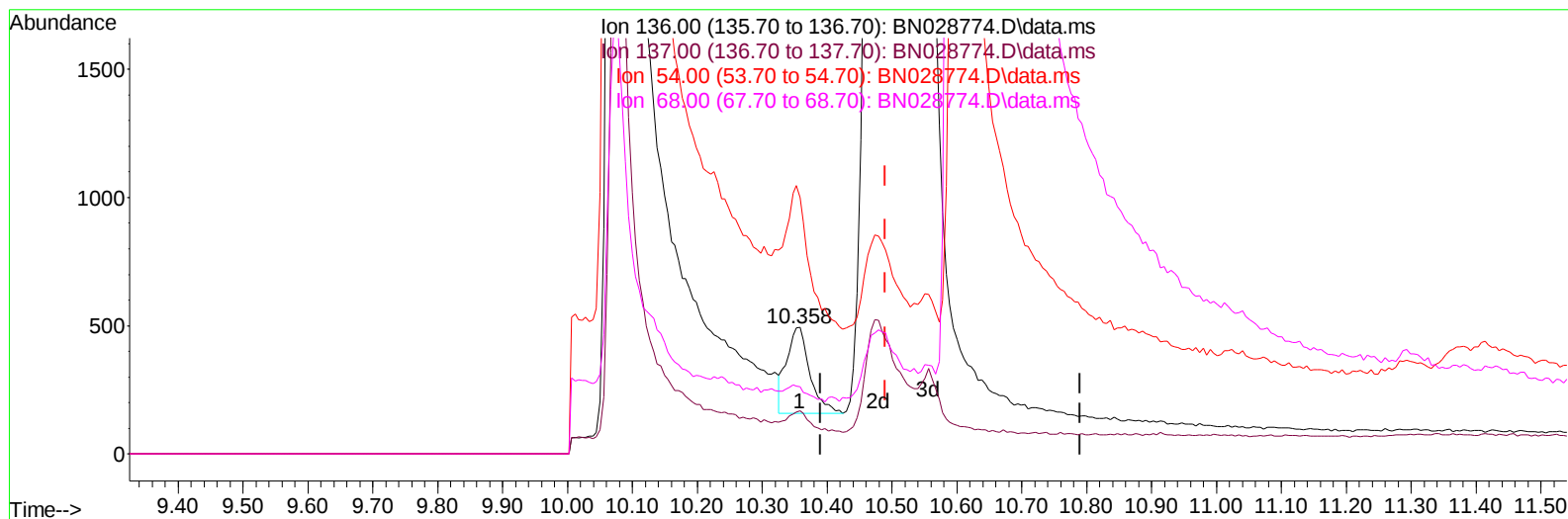
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028774.D
Acq On : 19 Nov 2023 13:26
Operator : MA/JU
Sample : 05370-18
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDR2

Manual IntegrationsAPPROVED

Quant Time: Nov 20 01:39:32 2023
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QLast Update : Mon Nov 20 01:23:26 2023
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TIC: BN028774.D\data.ms

(4) Naphthalene-d8 (I)

10.358min (-0.132) 0.40 ng/u1

response 834

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	34.21#
54.00	9.00	202.23#
68.00	7.10	53.24#

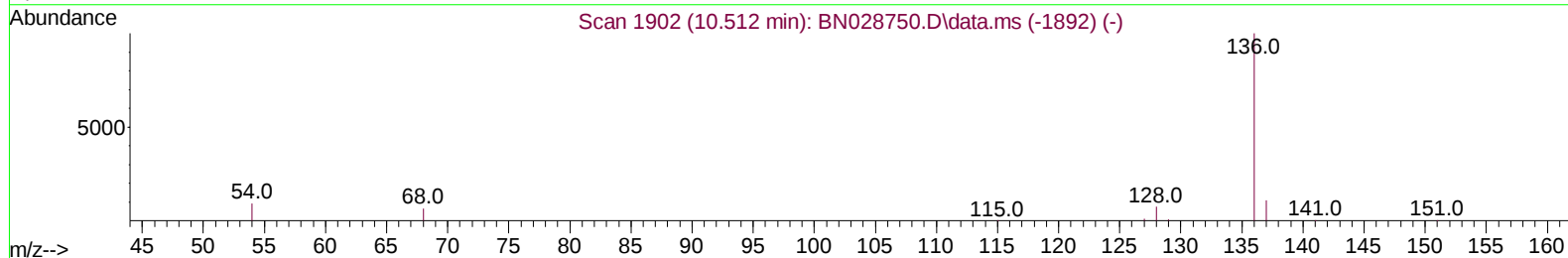
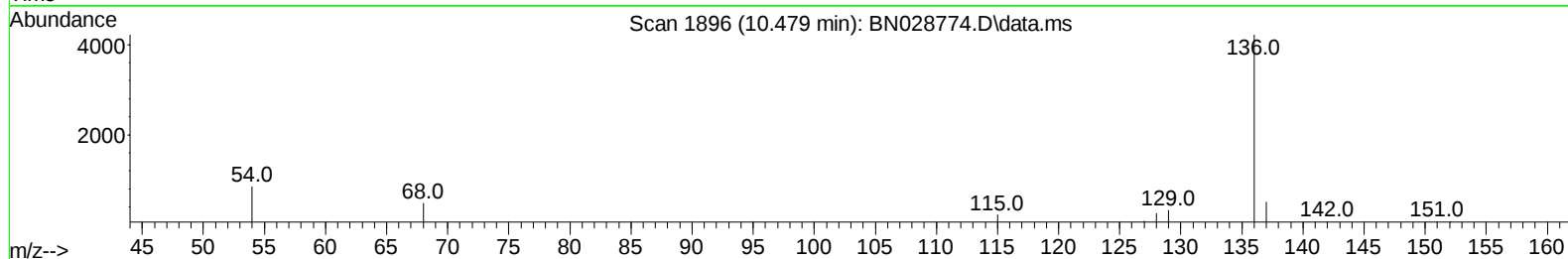
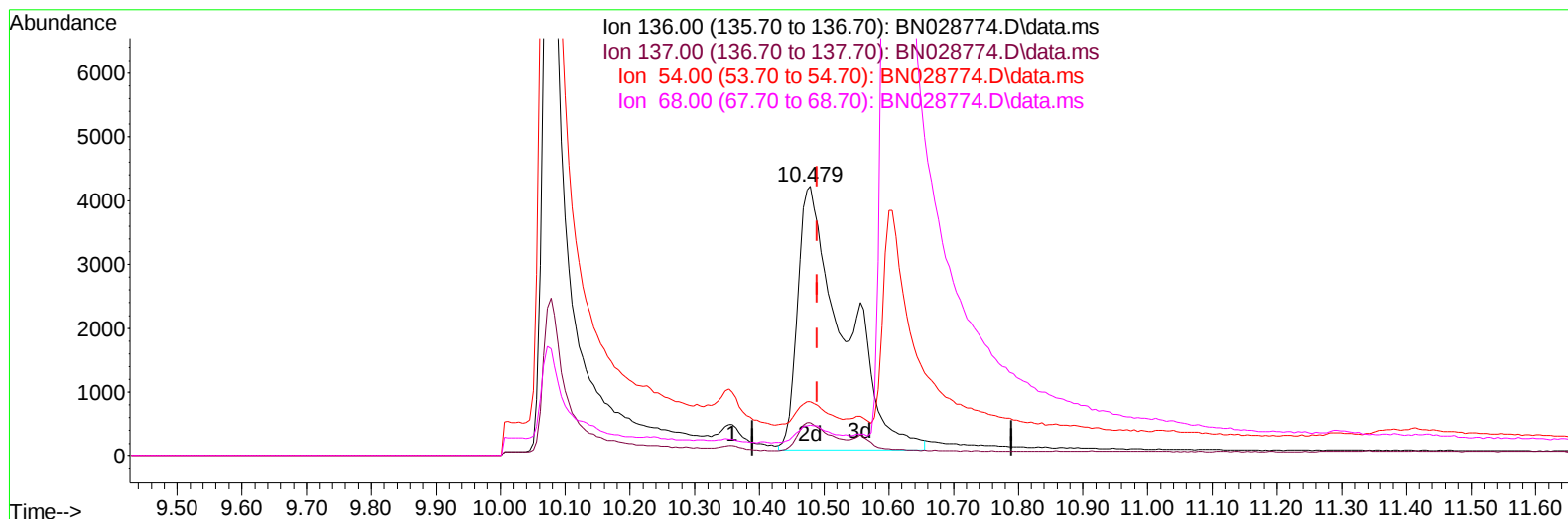
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028774.D
 Acq On : 19 Nov 2023 13:26
 Operator : MA/JU
 Sample : 05370-18
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDR2

Manual IntegrationsAPPROVED

Quant Time: Nov 20 01:39:32 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 : Mon Nov 20 01:23:26 2023
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Reviewed By :Yogesh Patel 11/20/2023
 Supervised By :mohammad ahmed 11/20/2023



TIC: BN028774.D\data.ms

(4) Naphthalene-d8 (I)

10.479min (-0.011) 0.40 ng/ul m

response 20423

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	12.34
54.00	9.00	20.11#
68.00	7.10	11.47#

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028774.D
 Acq On : 19 Nov 2023 13:26
 Operator : MA/JU
 Sample : 05370-18
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

GCDR2

Manual IntegrationsAPPROVED

Quant Time: Nov 20 01:39:32 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M

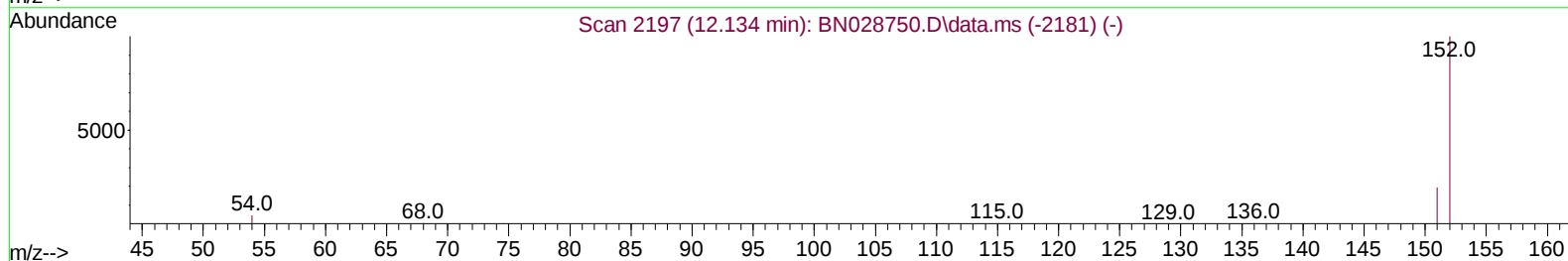
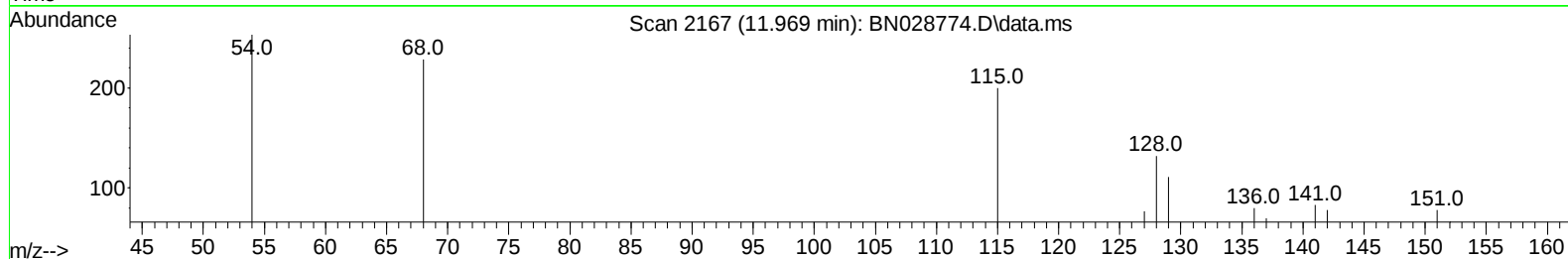
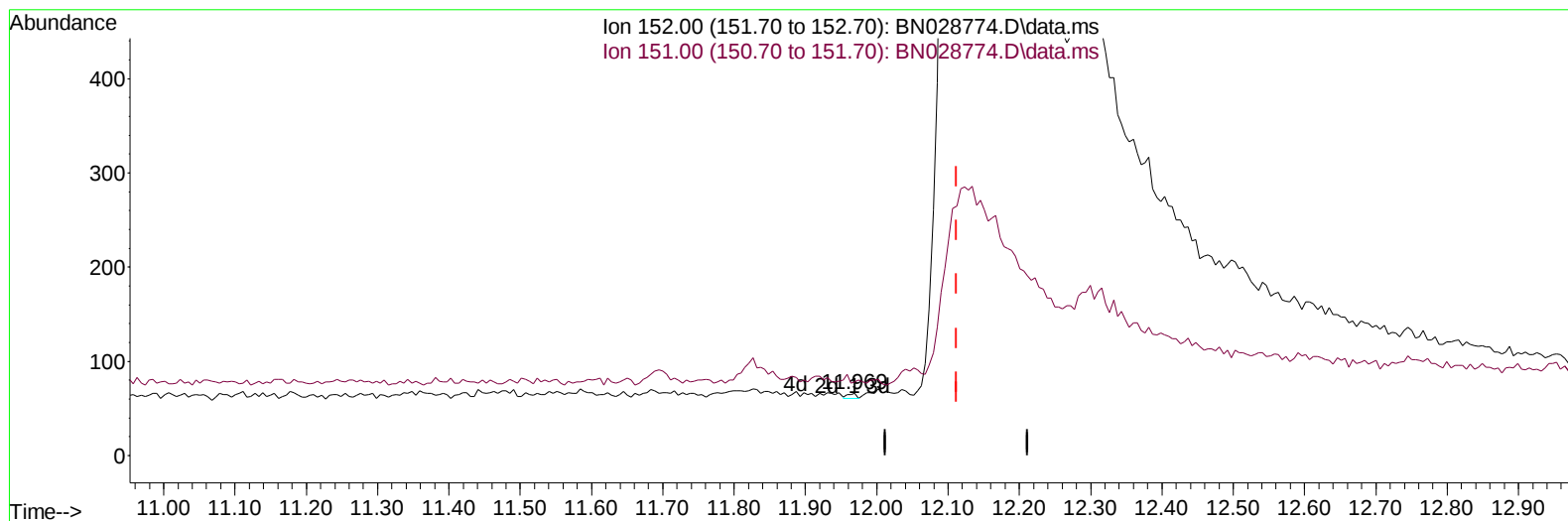
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Nov 20 01:23:26 2023

Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/20/2023

Supervised By :mohammad ahmed 11/20/2023



TIC: BN028774.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

11.969min (-0.143) 0.00 ng/u1

response 4

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

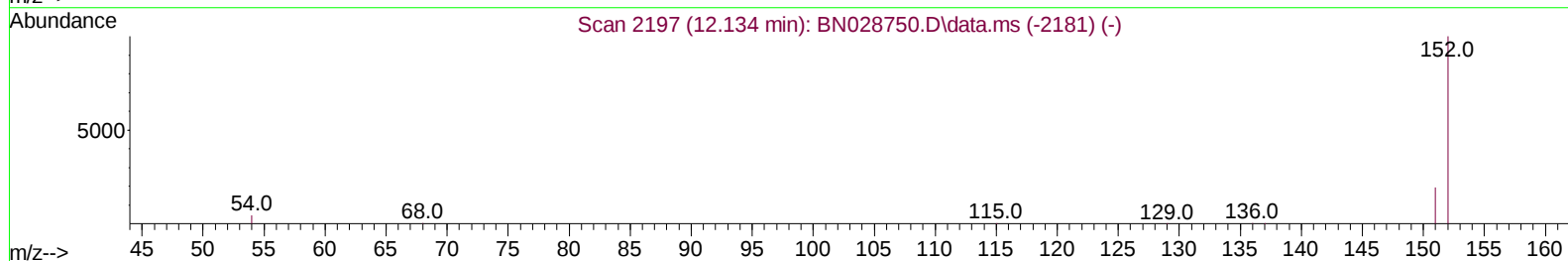
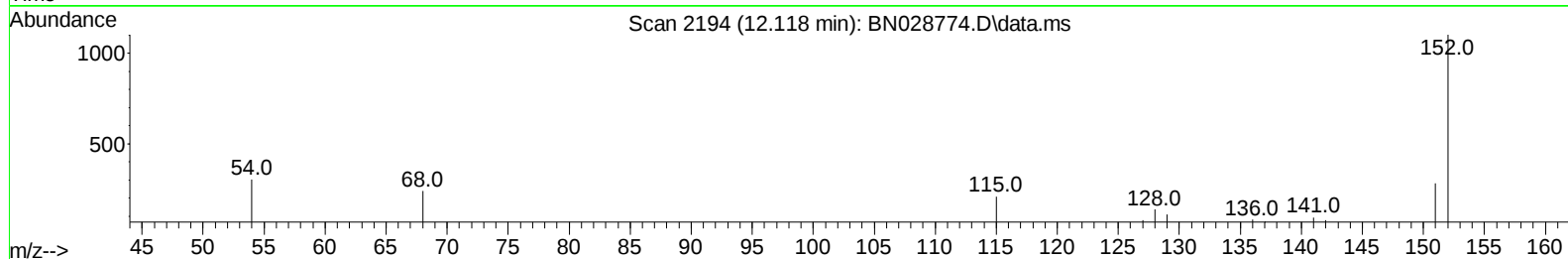
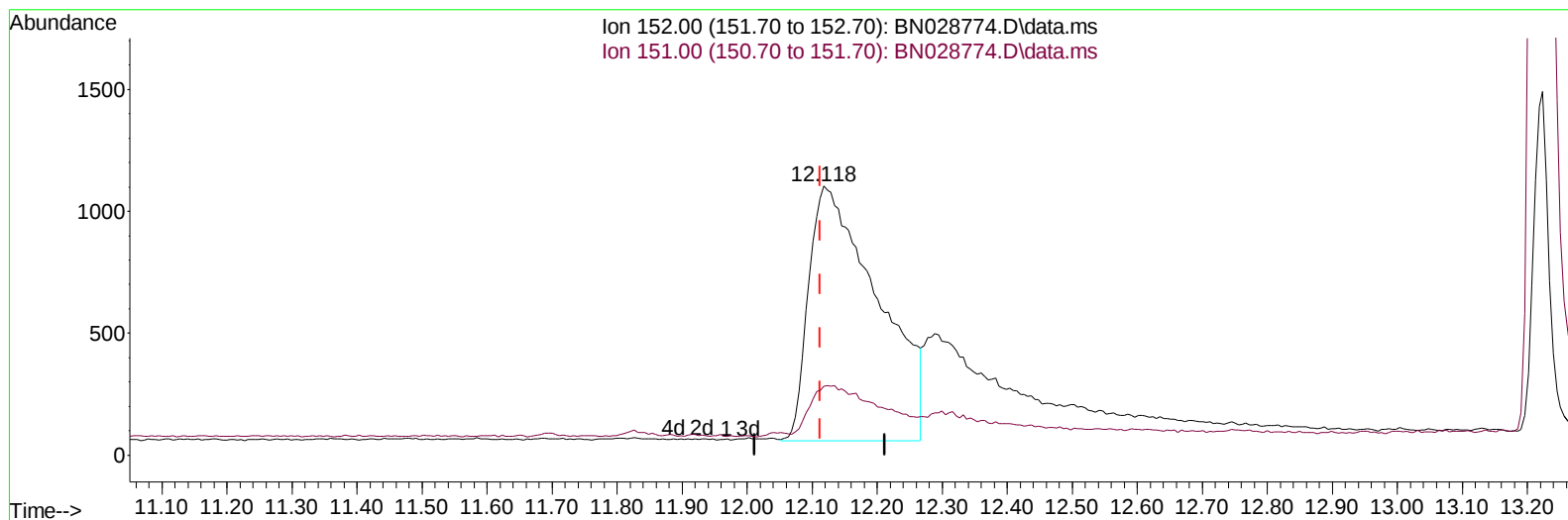
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Data File : BN028774.D
Acq On : 19 Nov 2023 13:26
Operator : MA/JU
Sample : 05370-18
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDR2

Manual IntegrationsAPPROVED

Quant Time: Nov 20 01:39:32 2023
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QLast Update : Mon Nov 20 01:23:26 2023
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TIC: BN028774.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.118min (+ 0.006) 0.25 ng/ul m

response 7705

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.50	0.03#
0.00	0.00	0.00
0.00	0.00	0.00

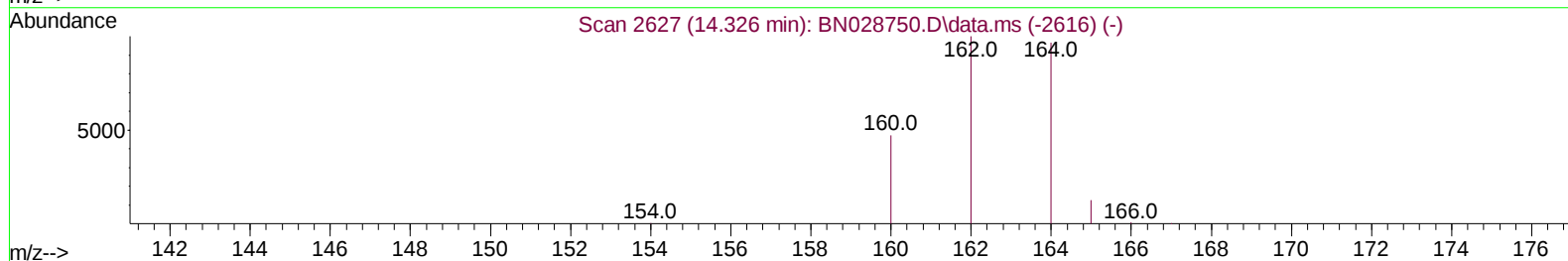
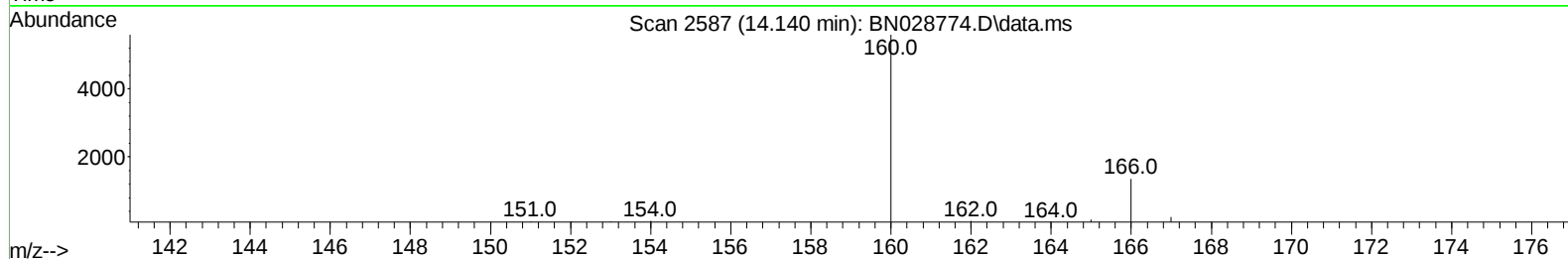
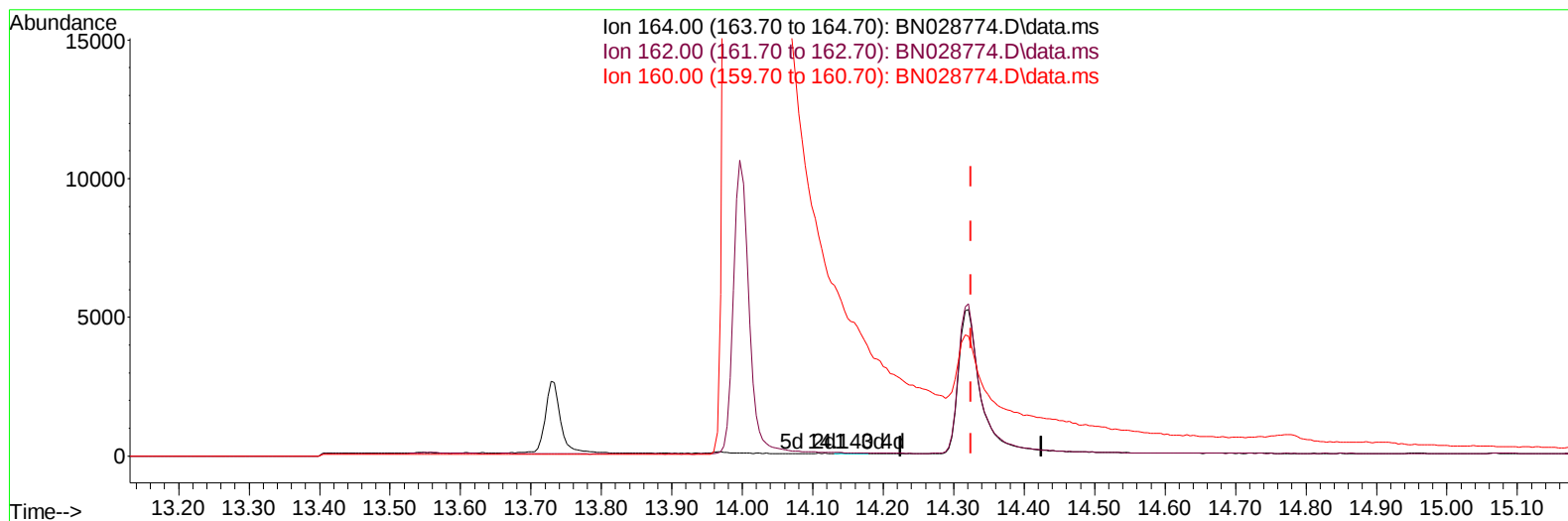
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028774.D
 Acq On : 19 Nov 2023 13:26
 Operator : MA/JU
 Sample : 05370-18
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDR2

Manual IntegrationsAPPROVED

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TIC: BN028774.D\data.ms

(9) Acenaphthene-d10 (I)

14.140min (-0.185) 0.40 ng/u1

response 19

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	103.90	125.77#
160.00	49.20	5758.76#
0.00	0.00	0.00

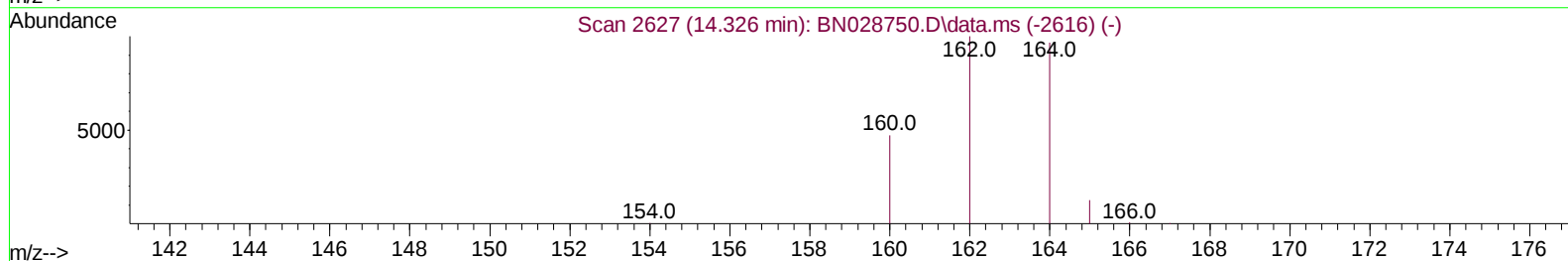
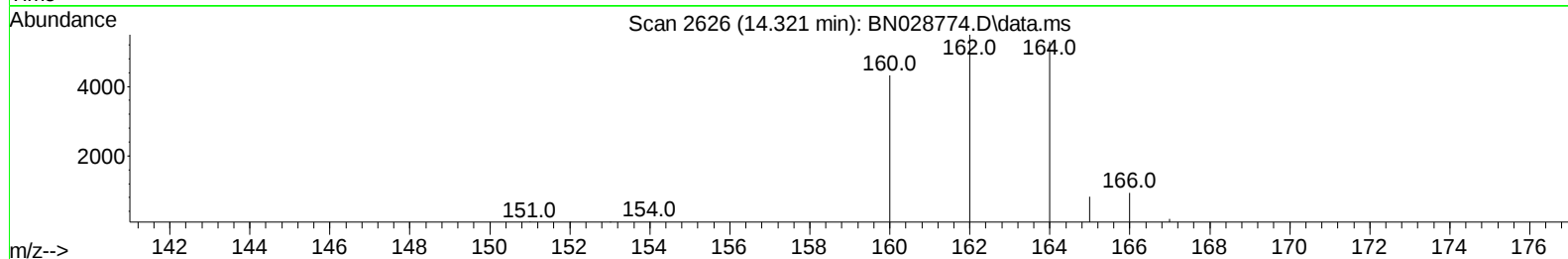
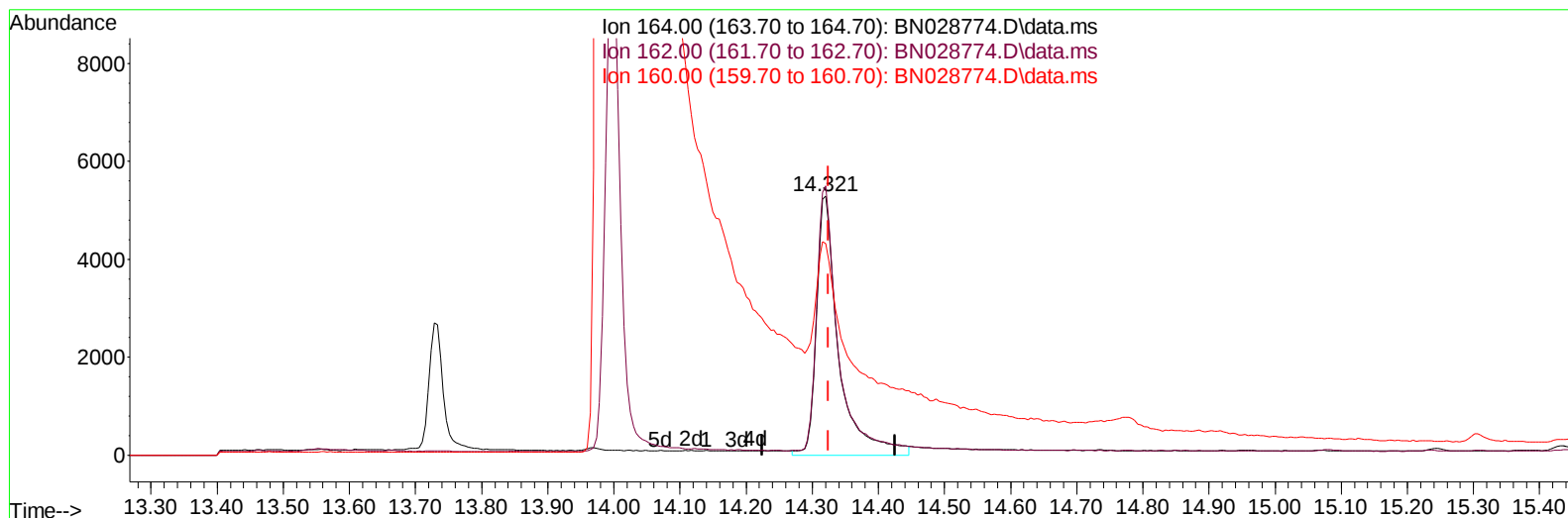
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 Data File : BN028774.D
 Acq On : 19 Nov 2023 13:26
 Operator : MA/JU
 Sample : 05370-18
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDR2

Manual IntegrationsAPPROVED

Quant Time: Nov 20 01:39:32 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 20 01:23:26 2023
 Response via : Initial Calibration

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



TIC: BN028774.D\data.ms

(9) Acenaphthene-d10 (I)

14.321min (-0.005) 0.40 ng/u1 m

response 12365

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	103.90	103.93
160.00	49.20	81.74#
0.00	0.00	0.00

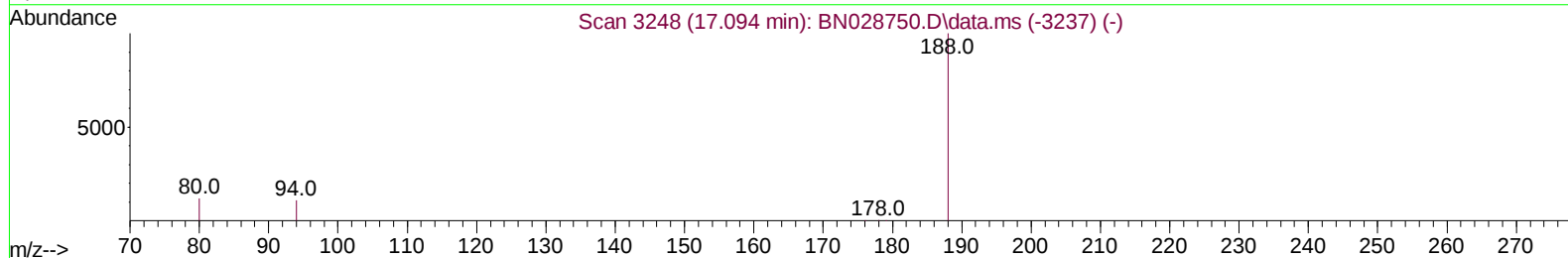
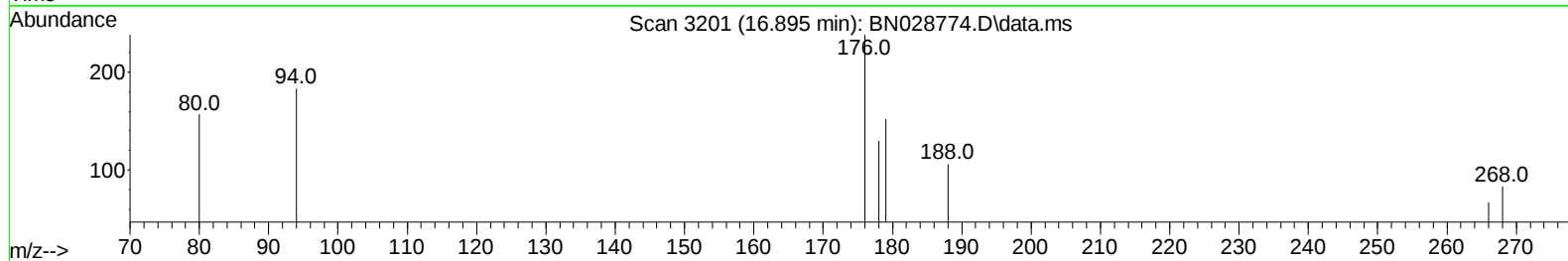
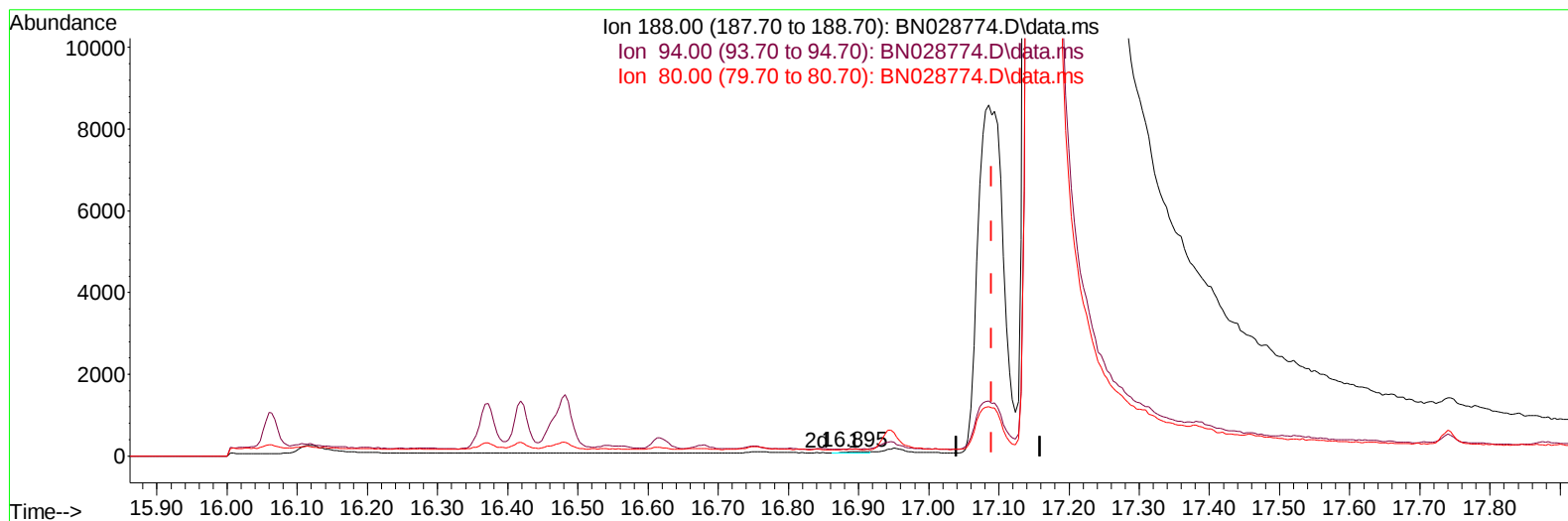
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028774.D
 Acq On : 19 Nov 2023 13:26
 Operator : MA/JU
 Sample : 05370-18
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDR2

Manual IntegrationsAPPROVED

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TIC: BN028774.D\data.ms

(13) Phenanthrene-d10 (I)

16.895min (-0.194) 0.40 ng/u1

response 71

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.10	172.64#
80.00	10.90	148.11#
0.00	0.00	0.00

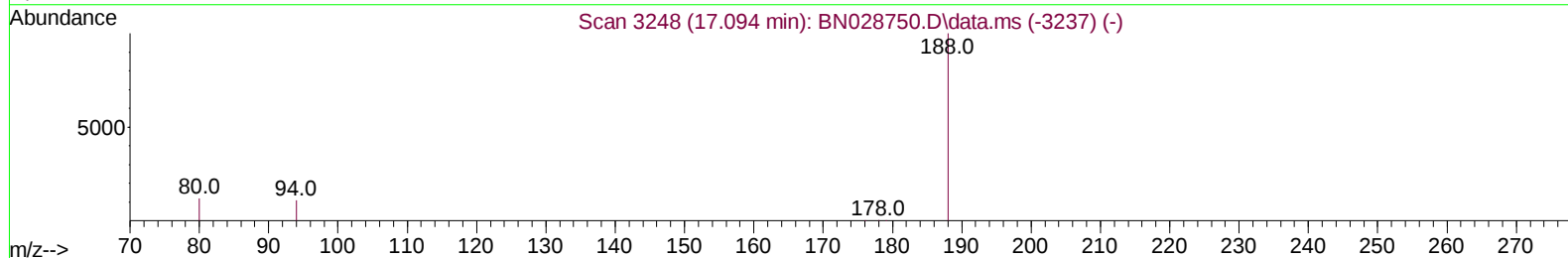
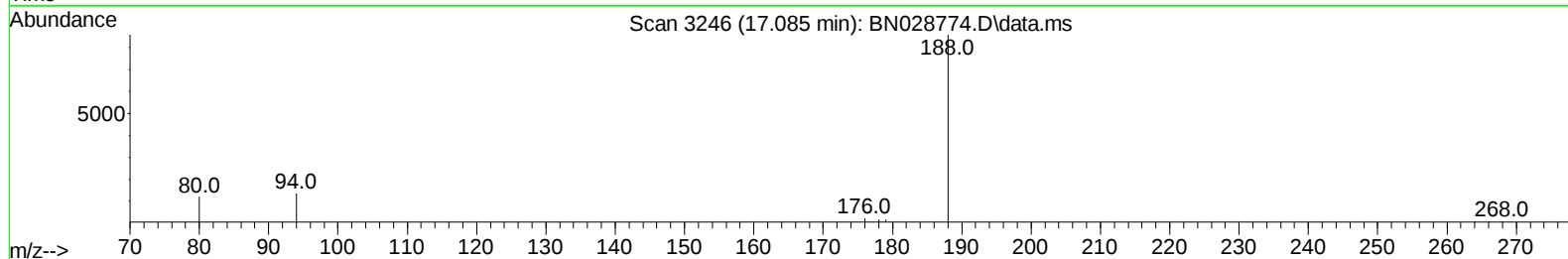
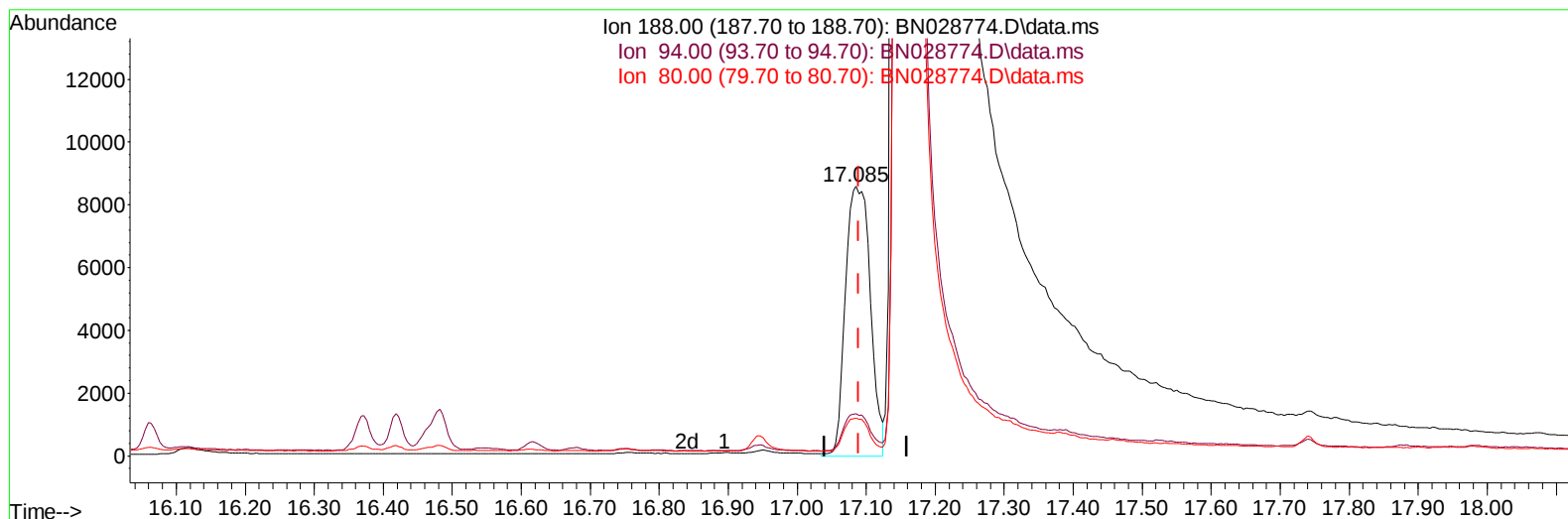
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 Data File : BN028774.D
 Acq On : 19 Nov 2023 13:26
 Operator : MA/JU
 Sample : 05370-18
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDR2

Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 11/20/2023



TIC: BN028774.D\data.ms

(13) Phenanthrene-d10 (I)

17.085min (-0.004) 0.40 ng/u1 m

response 21576

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.10	15.75#
80.00	10.90	14.00#
0.00	0.00	0.00

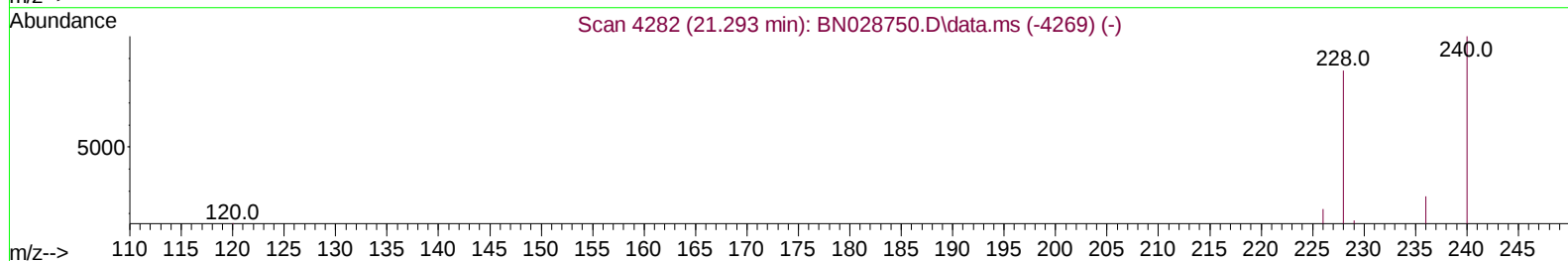
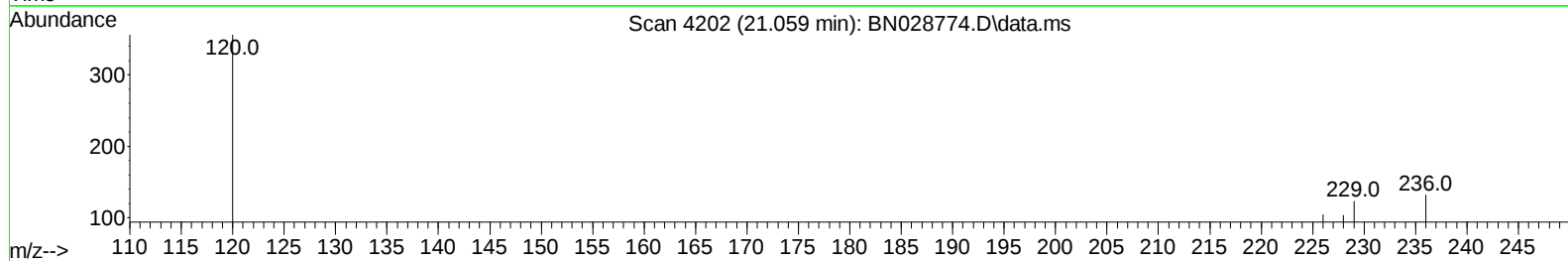
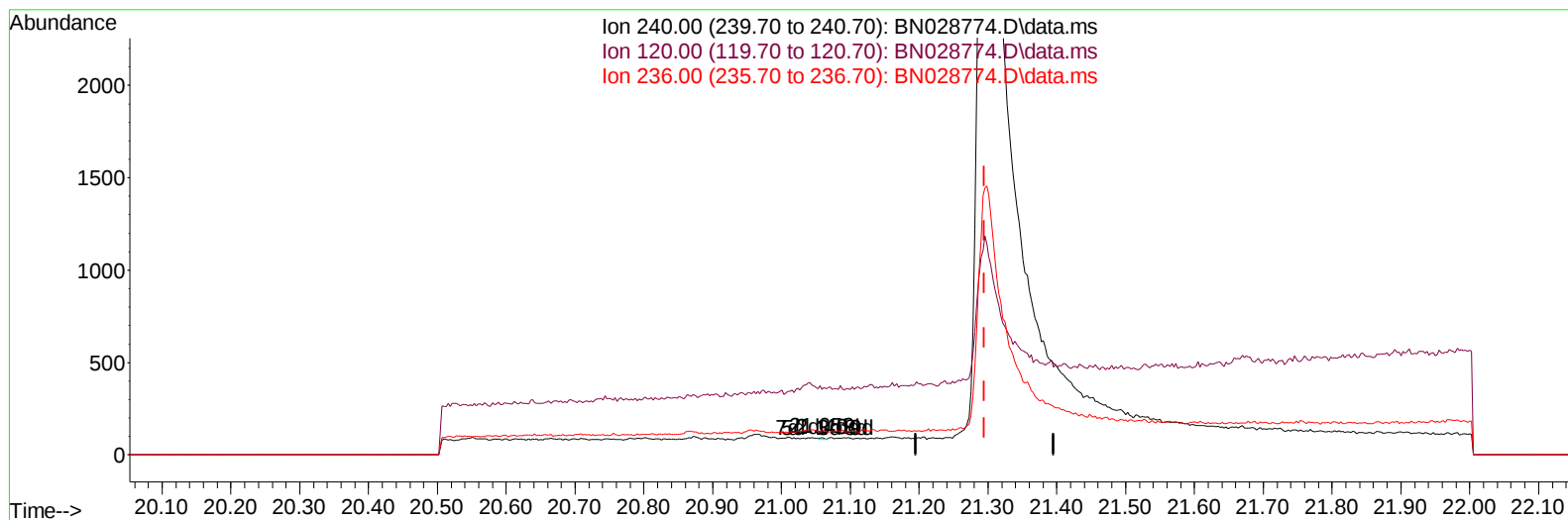
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028774.D
 Acq On : 19 Nov 2023 13:26
 Operator : MA/JU
 Sample : 05370-18
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN028774.D\data.ms

(17) Chrysene-d12

21.059min (-0.236) 0.40 ng/u1

response 4

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.00	378.72#
236.00	28.00	140.43#
0.00	0.00	0.00

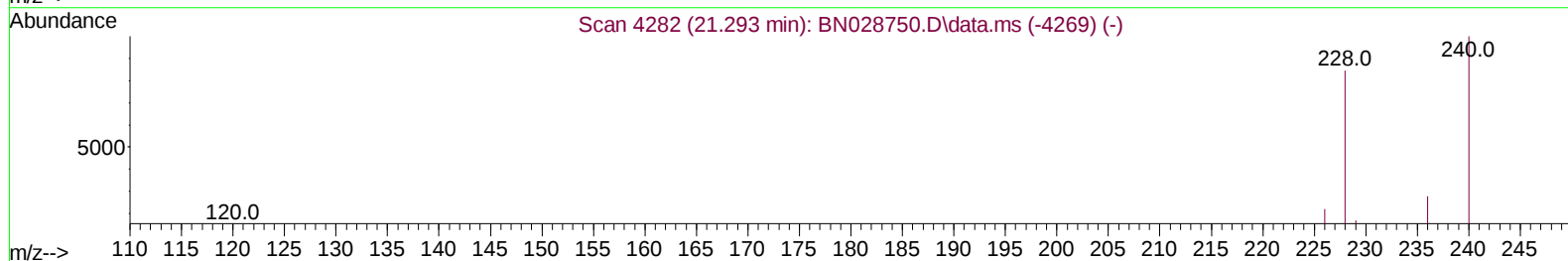
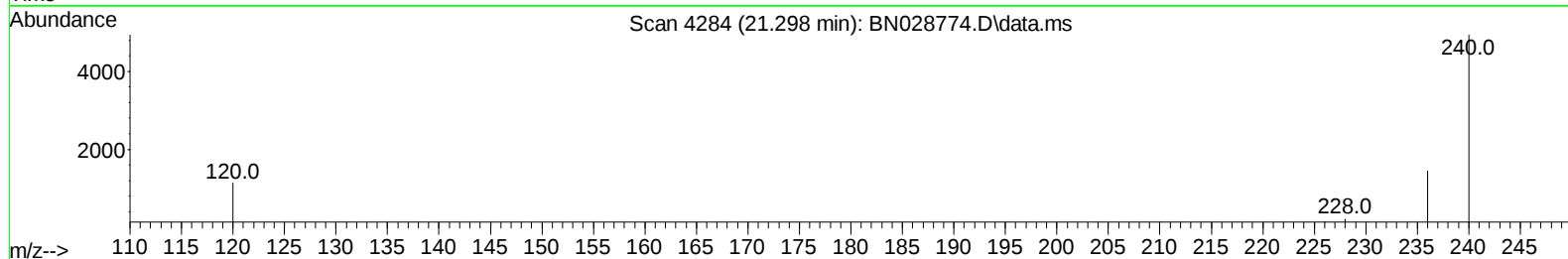
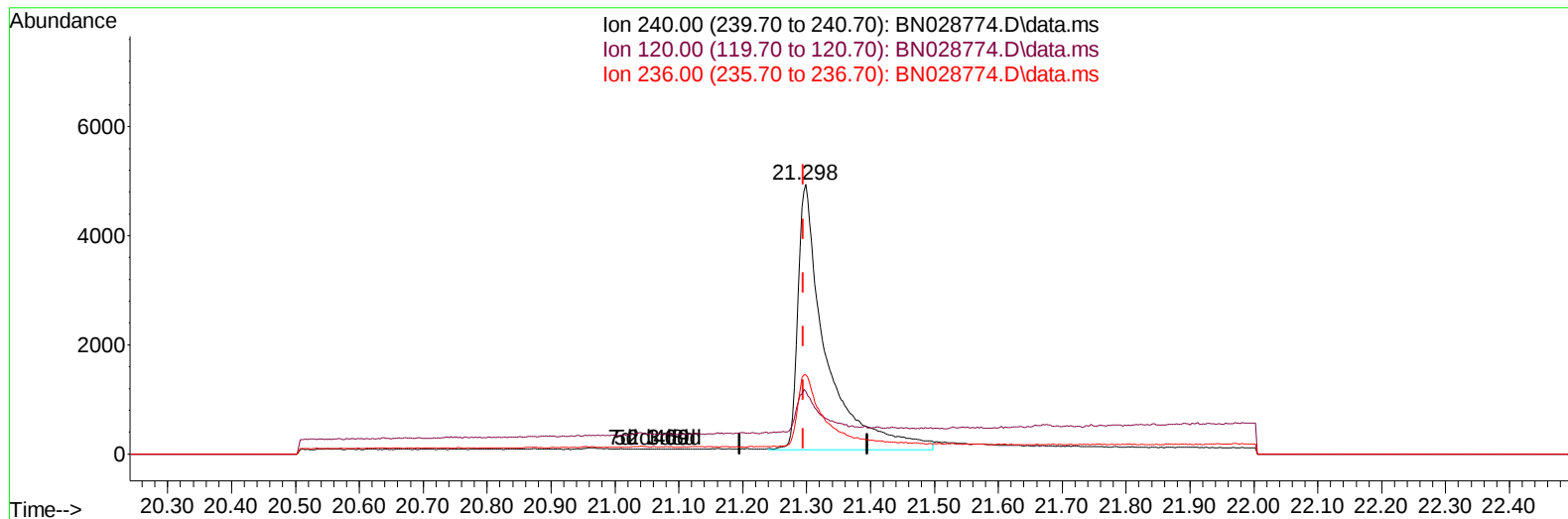
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028774.D
Acq On : 19 Nov 2023 13:26
Operator : MA/JU
Sample : 05370-18
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDR2

Manual IntegrationsAPPROVED

Quant Time: Nov 20 01:39:32 2023
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QLast Update : Mon Nov 20 01:23:26 2023
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Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023



TIC: BN028774.D\data.ms

(17) Chrysene-d12

21.298min (+ 0.003) 0.40 ng/ul m

response 14782

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.00	23.16#
236.00	28.00	29.46
0.00	0.00	0.00

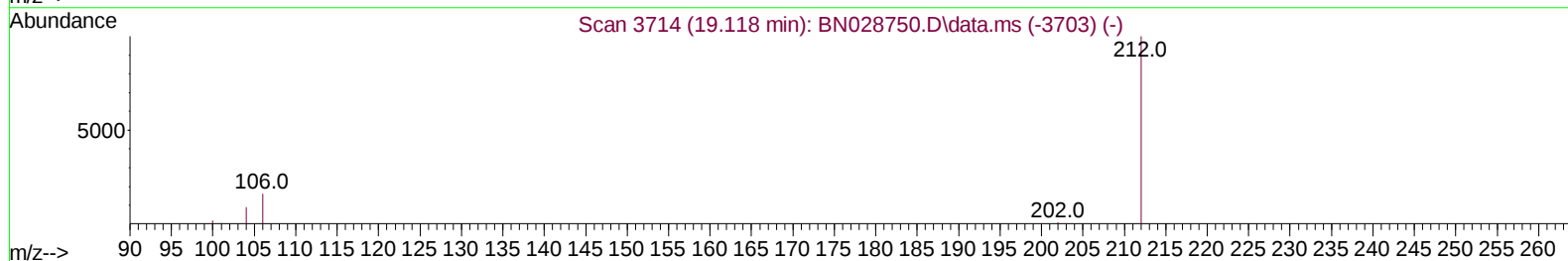
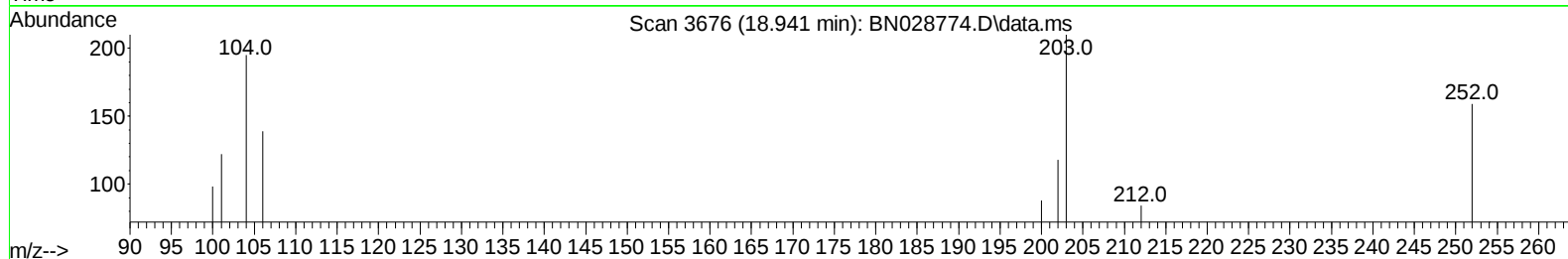
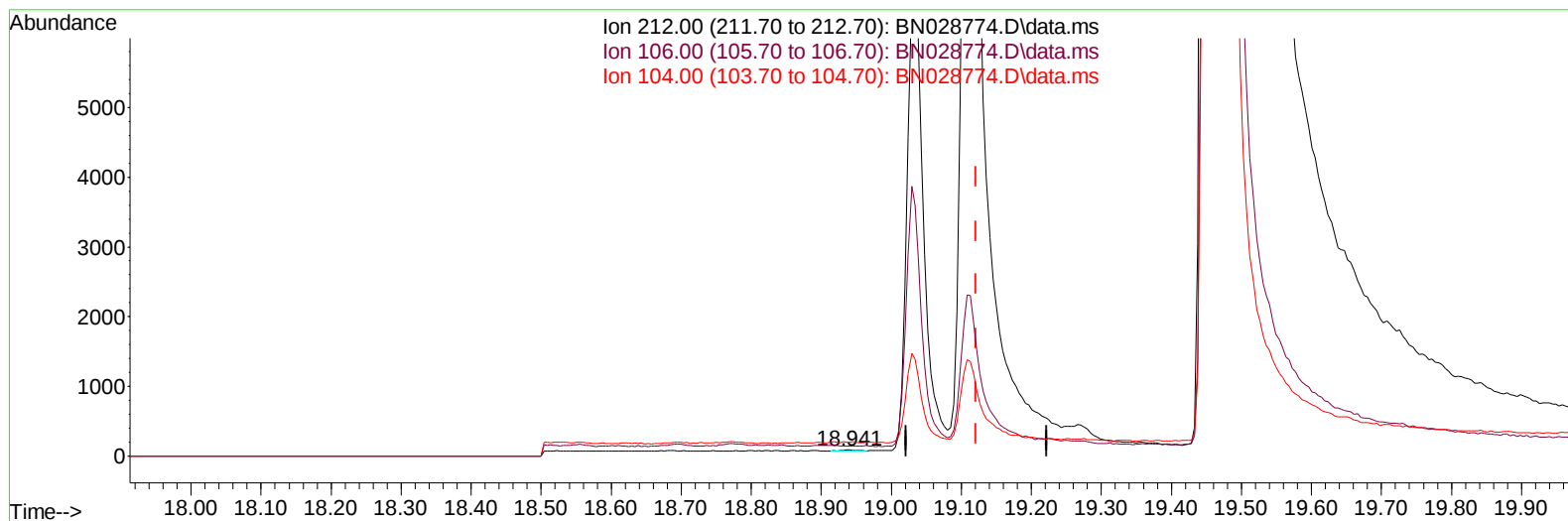
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
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Operator : MA/JU
Sample : 05370-18
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDR2

Manual IntegrationsAPPROVED

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TIC: BN028774.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.941min (-0.181) 0.00 ng/u1

response 21

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.80	0.00#
104.00	8.30	85.71#
0.00	0.00	0.00

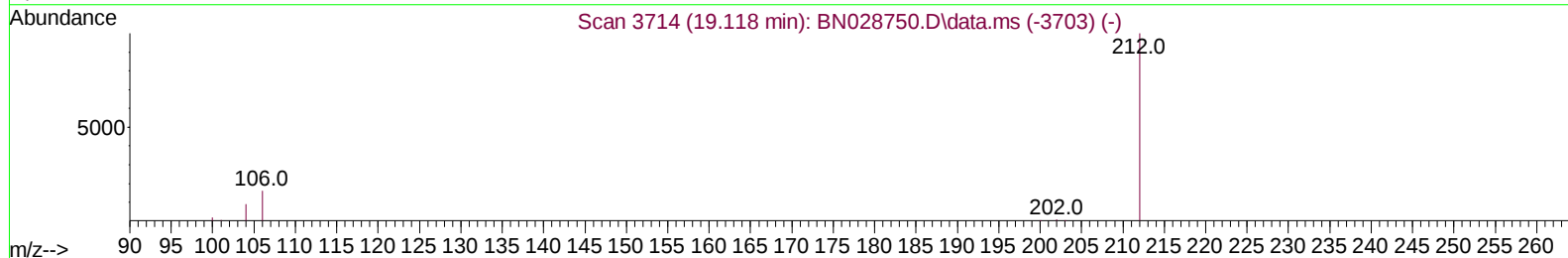
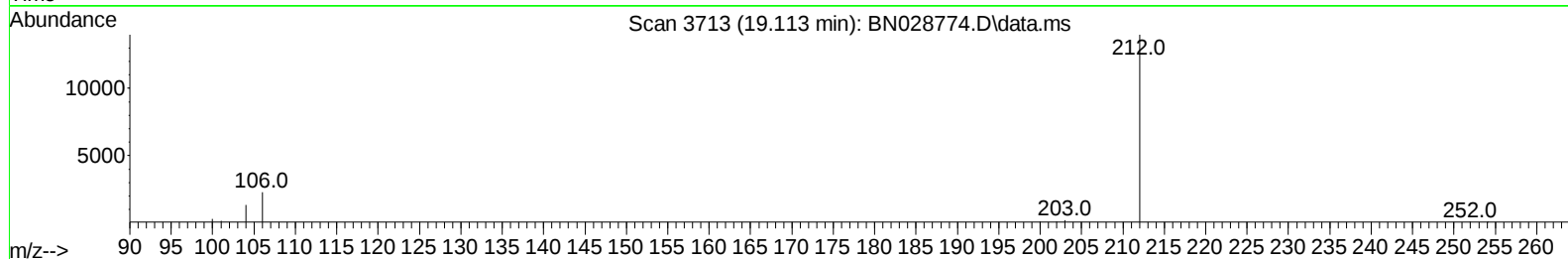
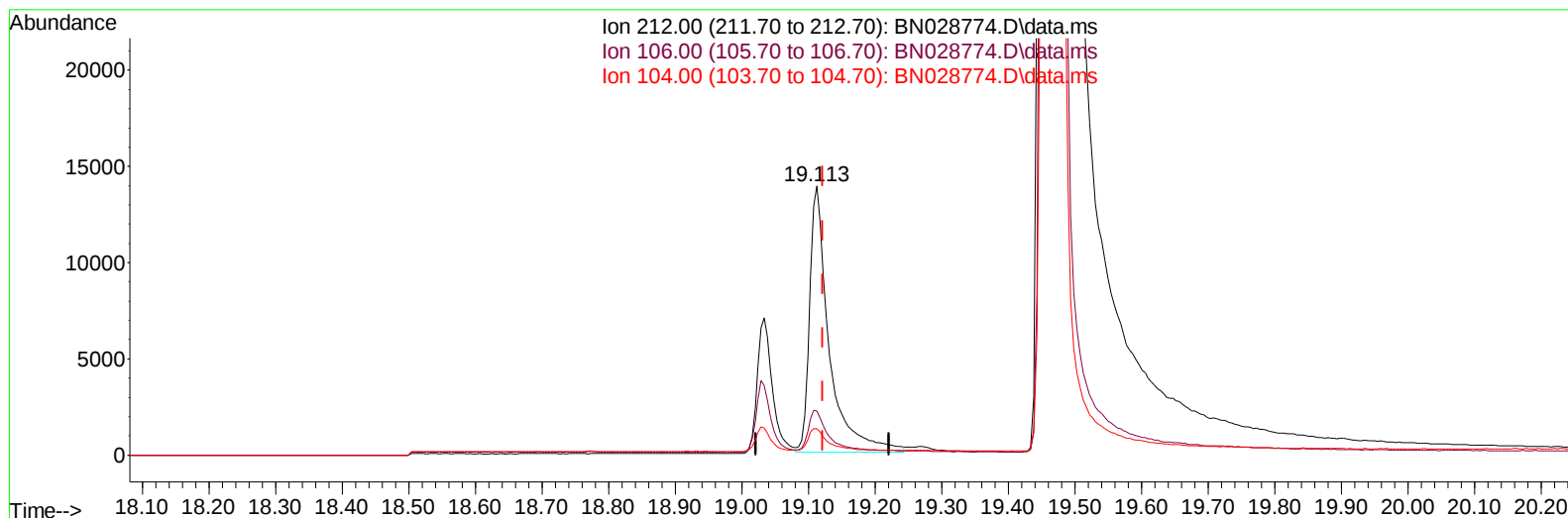
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028774.D
 Acq On : 19 Nov 2023 13:26
 Operator : MA/JU
 Sample : 05370-18
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDR2

Manual IntegrationsAPPROVED

Quant Time: Nov 20 01:39:32 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 : Mon Nov 20 01:23:26 2023
 Response via : Initial Calibration

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



TIC: BN028774.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.113min (-0.009) 0.59 ng/u1 m

response 28170

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.80	0.00#
104.00	8.30	0.06#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
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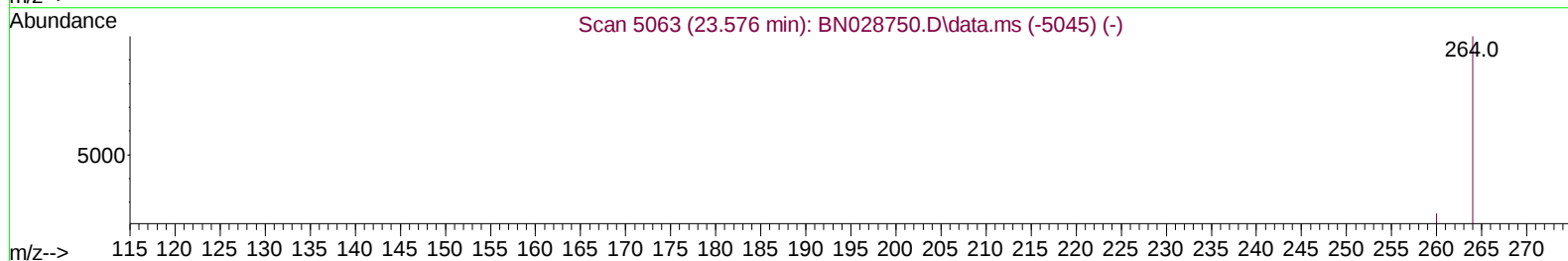
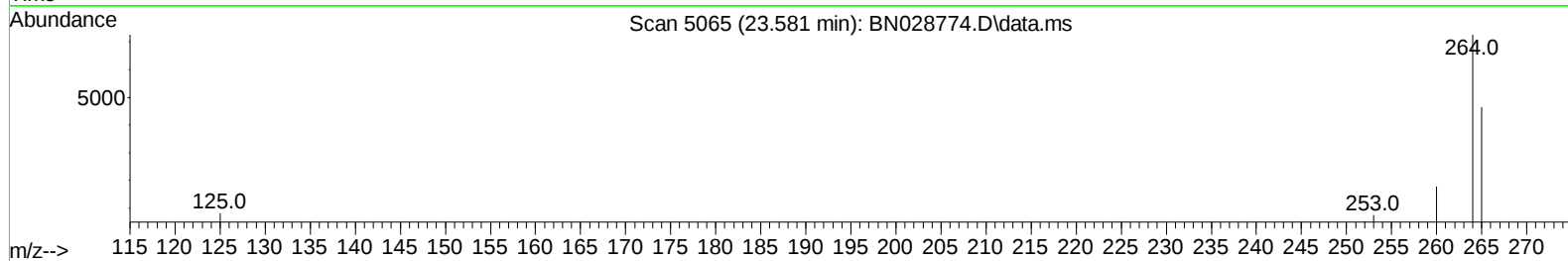
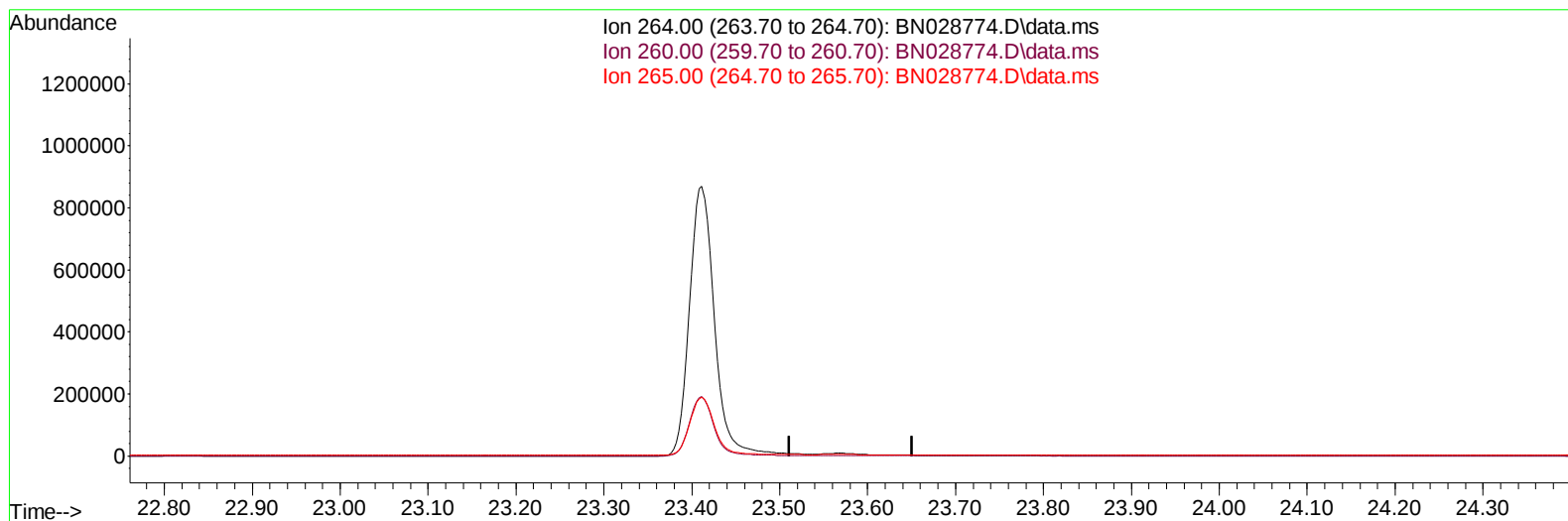
Quant Time: Nov 20 01:39:32 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M

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TIC: BN028774.D\data.ms

(23) Perylene-d12 (I)

23.581min (-23.581) 0.00 ng/ul

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

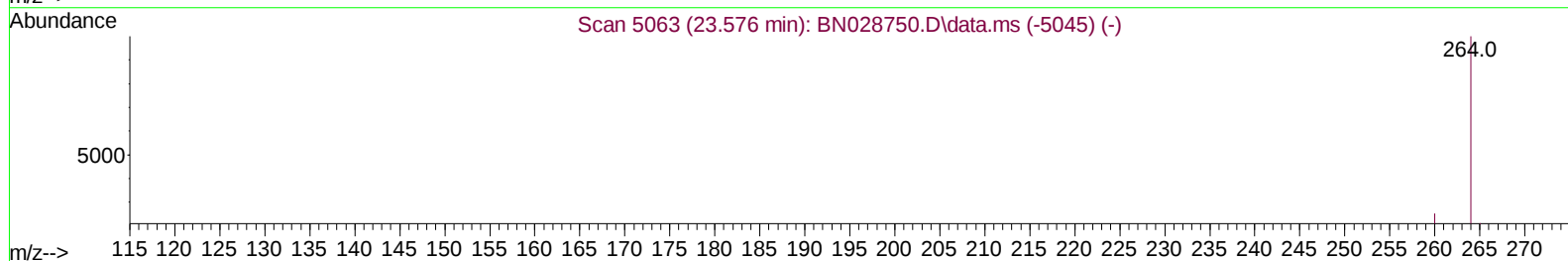
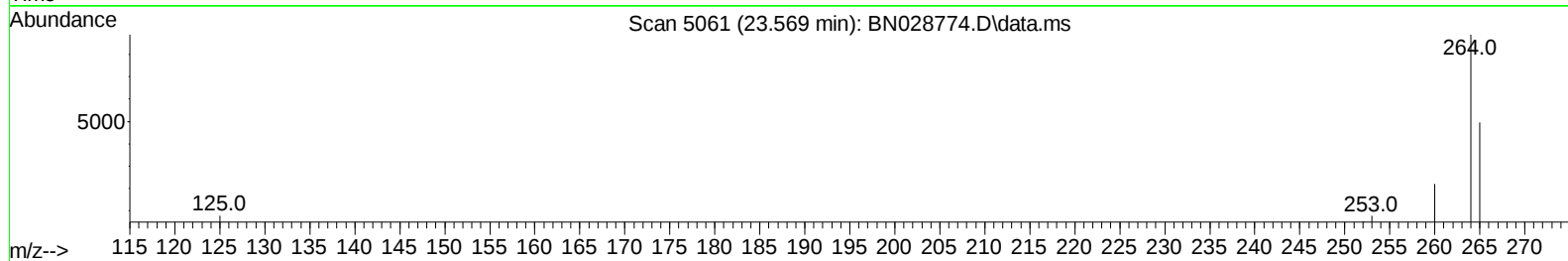
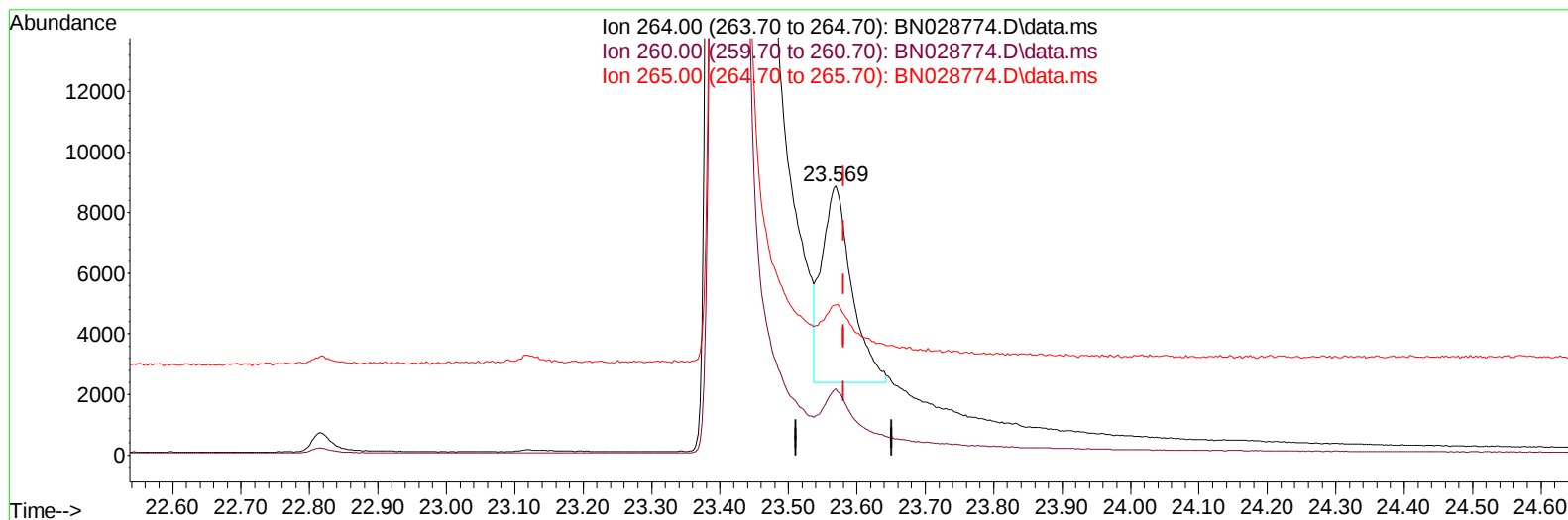
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028774.D
Acq On : 19 Nov 2023 13:26
Operator : MA/JU
Sample : 05370-18
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDR2

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TIC: BN028774.D\data.ms

(23) Perylene-d12 (I)

23.569min (-0.012) 0.40 ng/ul m

response 19485

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.40	24.64
265.00	38.80	55.86#
0.00	0.00	0.00

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 Operator : MA/JU
 Sample : 05370-18
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 GCDR2

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.728	152		5609m	0.400	ng/ul	-0.07
4) Naphthalene-d8	10.479	136		20423m	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.321	164		12365m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.085	188		21576m	0.400	ng/ul	0.00
17) Chrysene-d12	21.298	240		14782m	0.400	ng/ul	0.00
23) Perylene-d12	23.569	264		19485m	0.400	ng/ul	-0.01
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.112	96		34641	5.588	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.118	152		7705m	0.251	ng/ul	0.00
18) Fluoranthene-d10	19.113	212		28170m	0.592	ng/ul	0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.146	88		19637	2.866	ng/ul#	83

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

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