

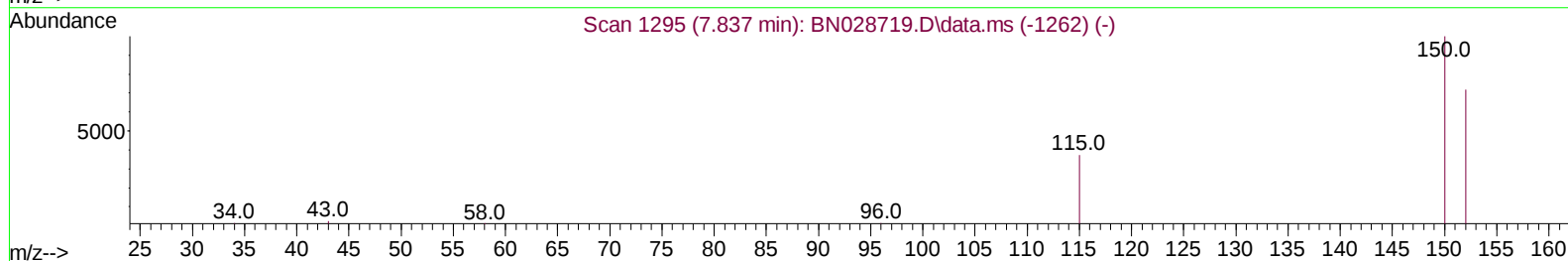
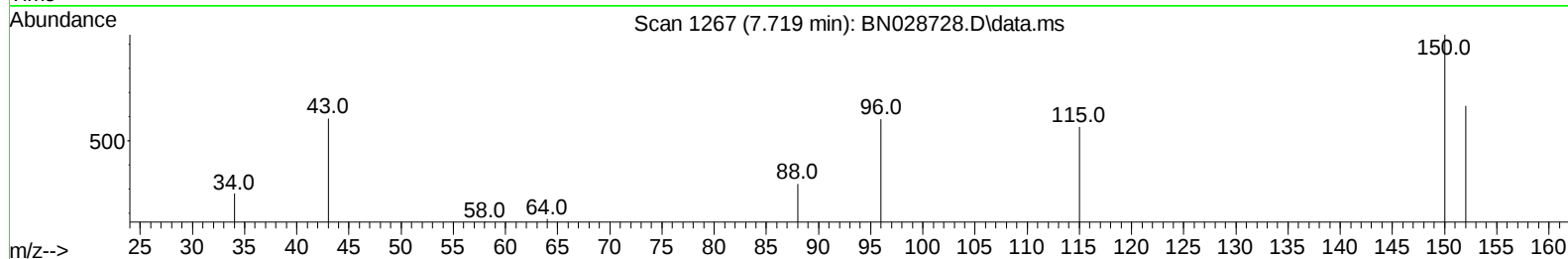
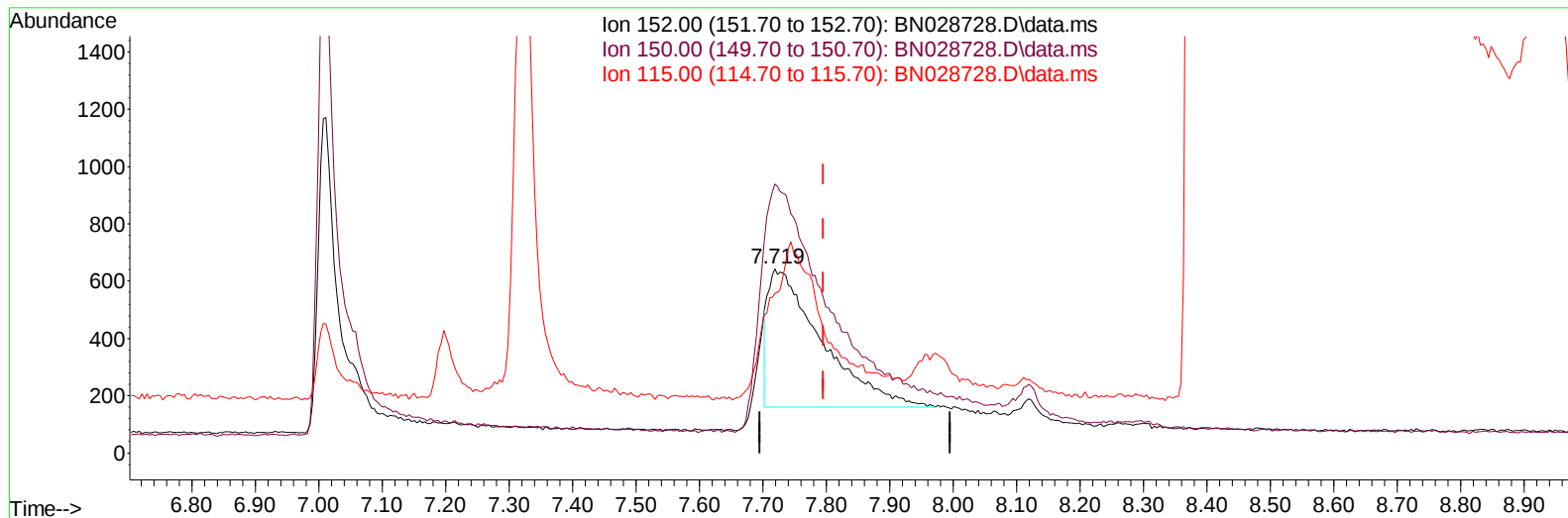
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028728.D
Acq On : 18 Nov 2023 08:07
Operator : MA/JU
Sample : 05369-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDN4

Manual IntegrationsAPPROVED

Quant Time: Nov 18 23:00:22 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: BN028728.D\data.ms

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

7.719min (-0.076) 0.40 ng/u1

response 2816

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	145.81
115.00	62.20	86.65#
0.00	0.00	0.00

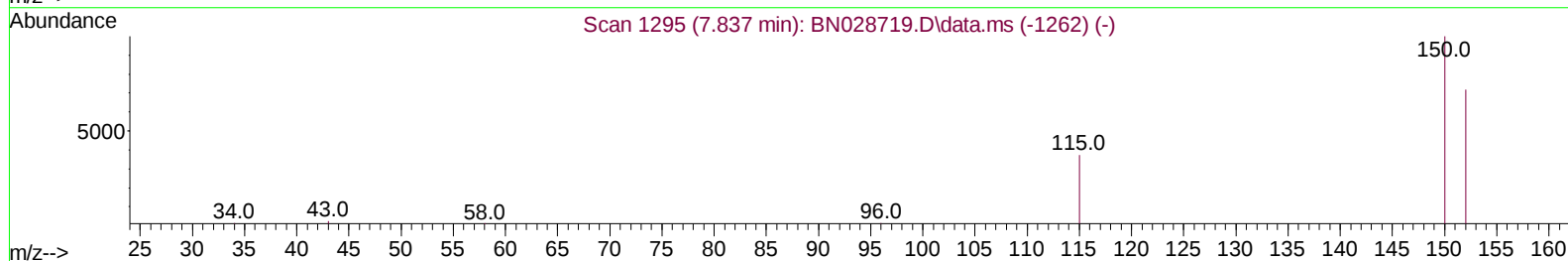
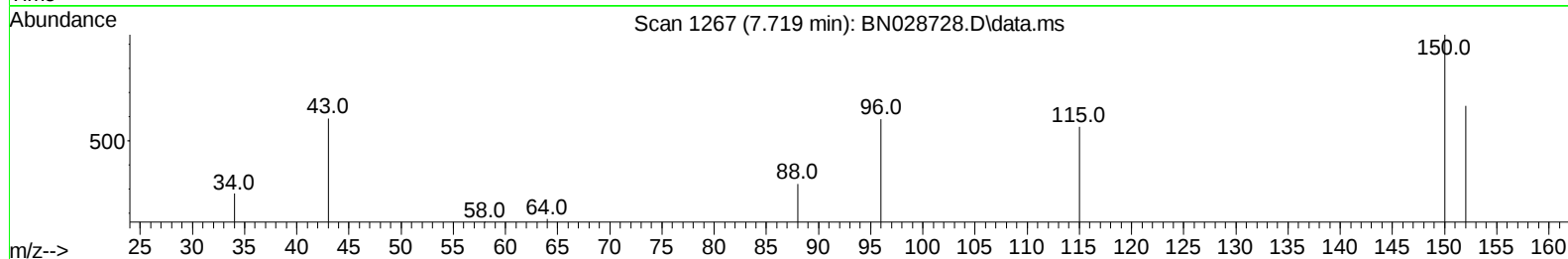
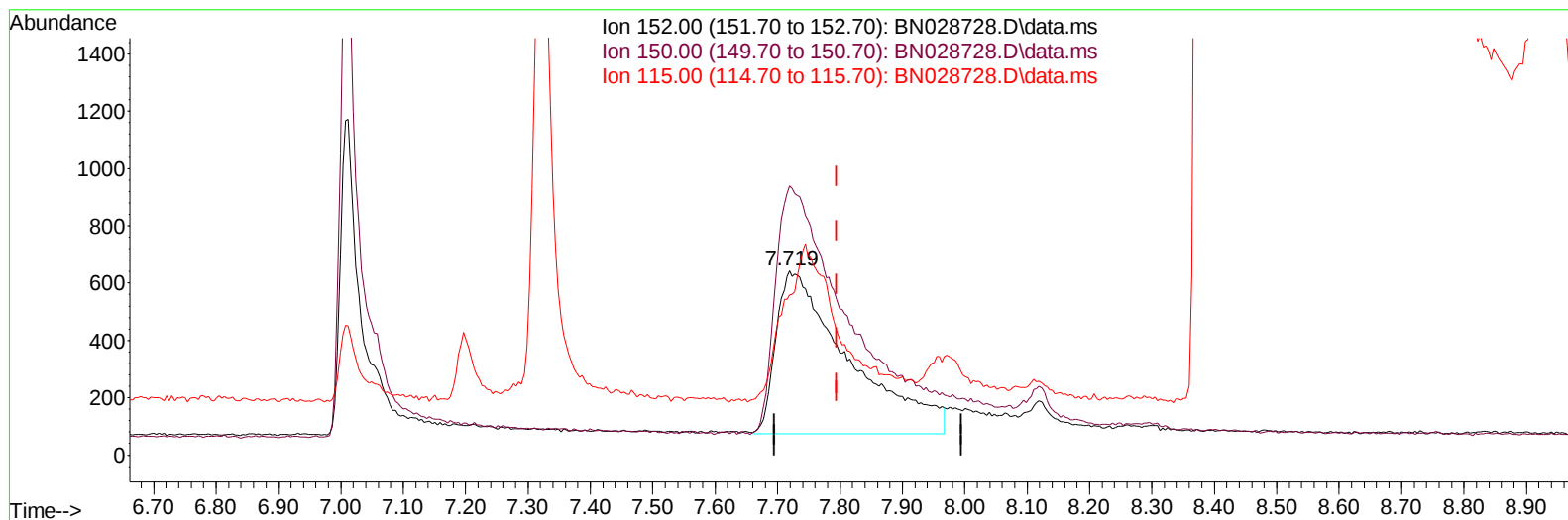
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028728.D
Acq On : 18 Nov 2023 08:07
Operator : MA/JU
Sample : 05369-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDN4

Manual IntegrationsAPPROVED

Quant Time: Nov 18 23:00:22 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: BN028728.D\data.ms

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

7.719min (-0.076) 0.40 ng/ul m

response 4592

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	145.81
115.00	62.20	86.65#
0.00	0.00	0.00

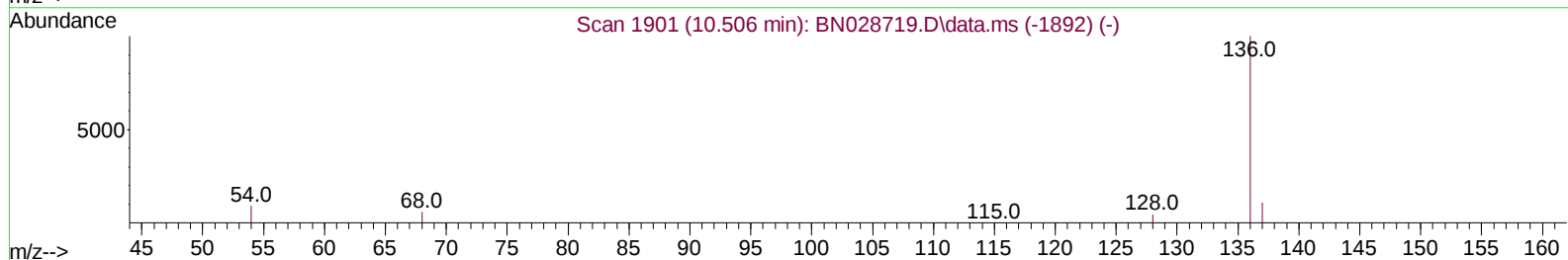
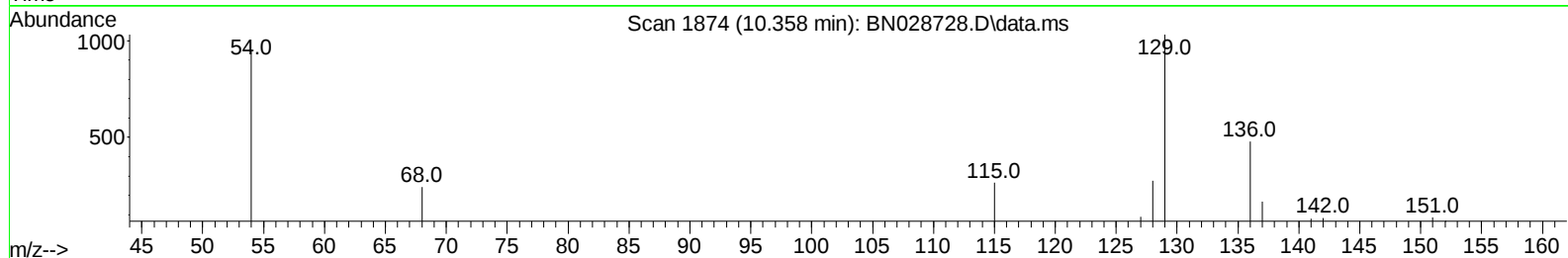
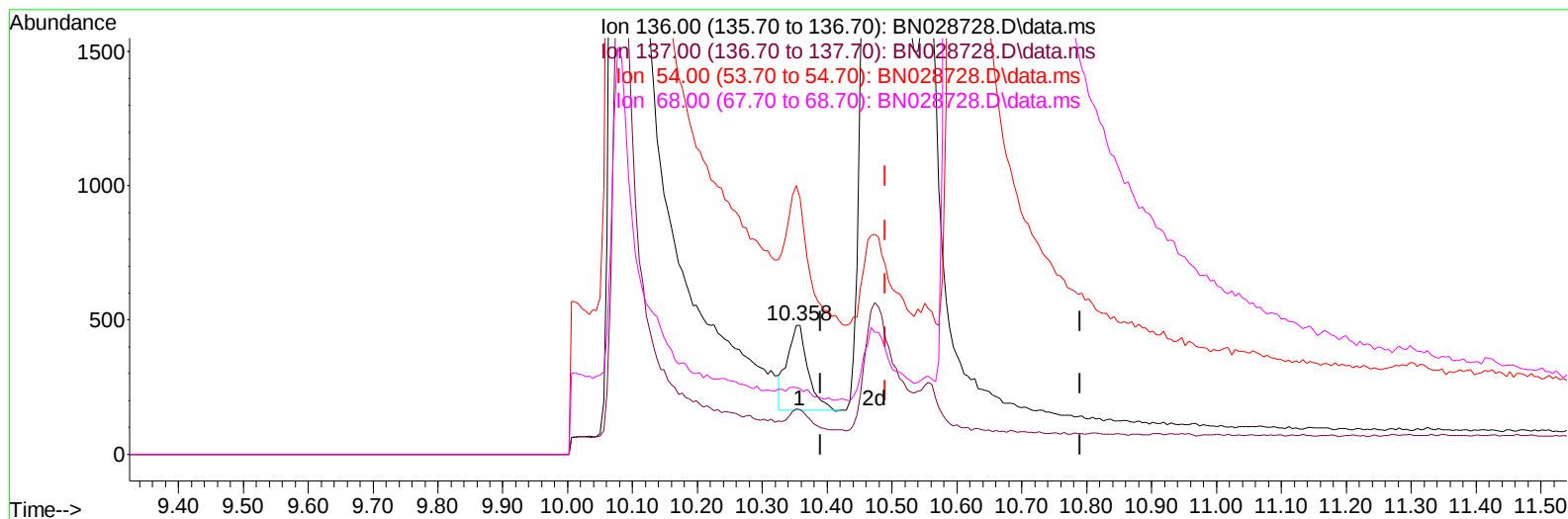
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028728.D
Acq On : 18 Nov 2023 08:07
Operator : MA/JU
Sample : 05369-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDN4

Manual IntegrationsAPPROVED

Quant Time: Nov 18 23:00:22 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
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TIC: BN028728.D\data.ms

(4) Naphthalene-d8 (I)

10.358min (-0.132) 0.40 ng/u1

response 711

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	34.58#
54.00	9.00	198.54#
68.00	7.10	50.83#

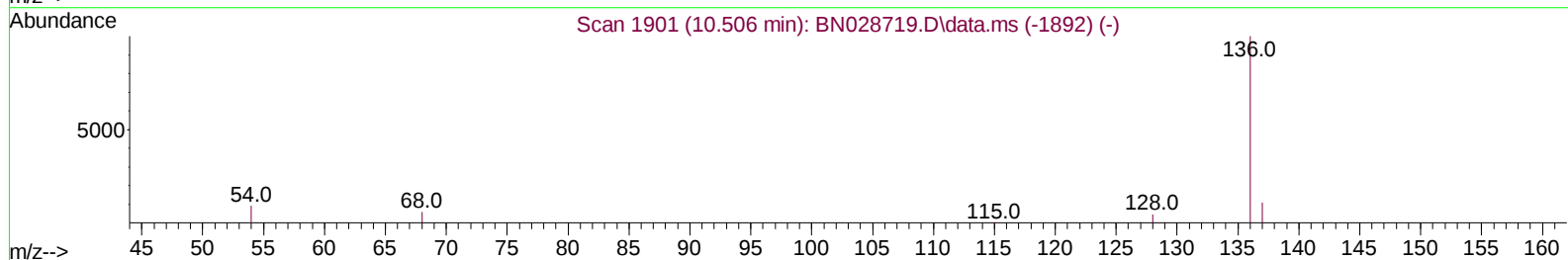
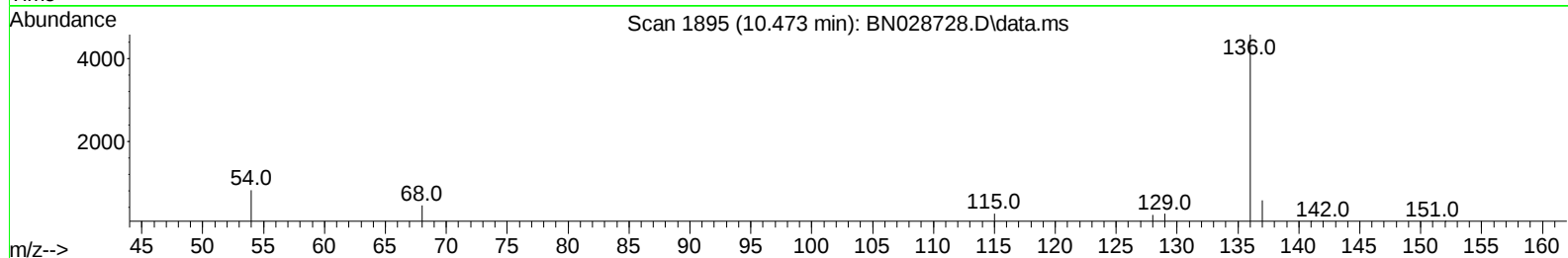
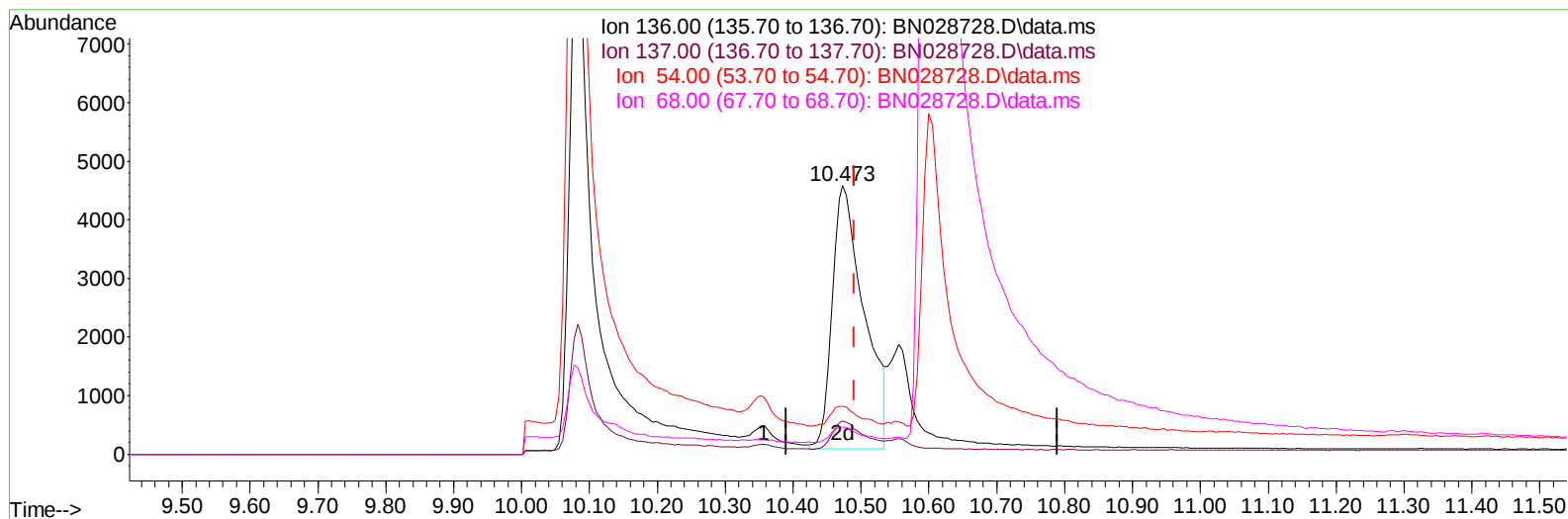
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028728.D
Acq On : 18 Nov 2023 08:07
Operator : MA/JU
Sample : 05369-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDN4

Manual IntegrationsAPPROVED

Quant Time: Nov 18 23:00:22 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: BN028728.D\data.ms

(4) Naphthalene-d8 (I)

10.473min (-0.017) 0.40 ng/ul m

response 14687

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	12.31
54.00	9.00	17.88#
68.00	7.10	9.93#

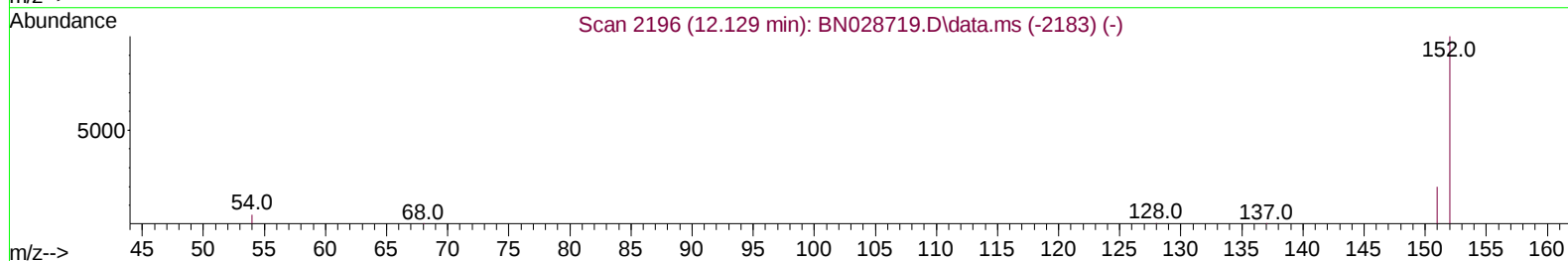
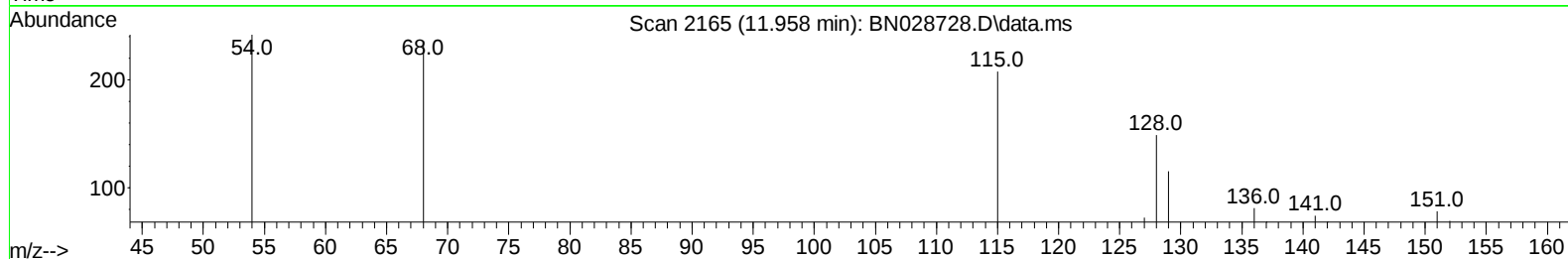
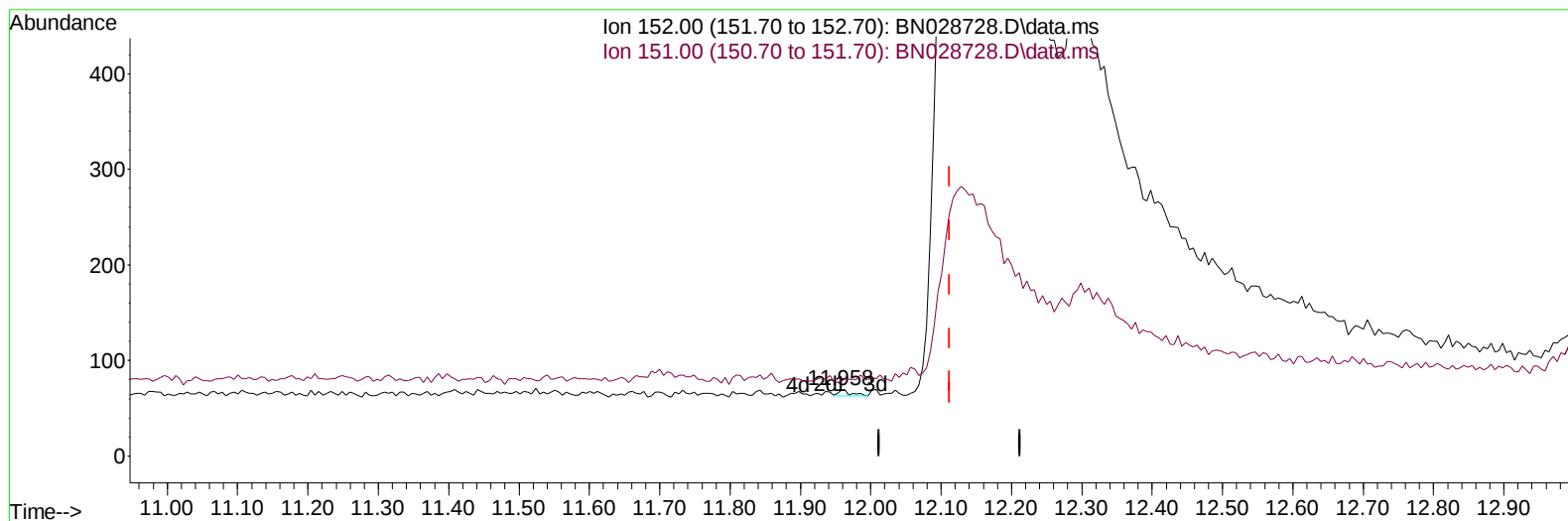
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028728.D
 Acq On : 18 Nov 2023 08:07
 Operator : MA/JU
 Sample : 05369-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDN4

Manual IntegrationsAPPROVED

Quant Time: Nov 18 23:00:22 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
 Supervised By :mohammad ahmed 11/20/2023



TIC: BN028728.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

11.958min (-0.154) 0.00 ng/u1

response 8

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

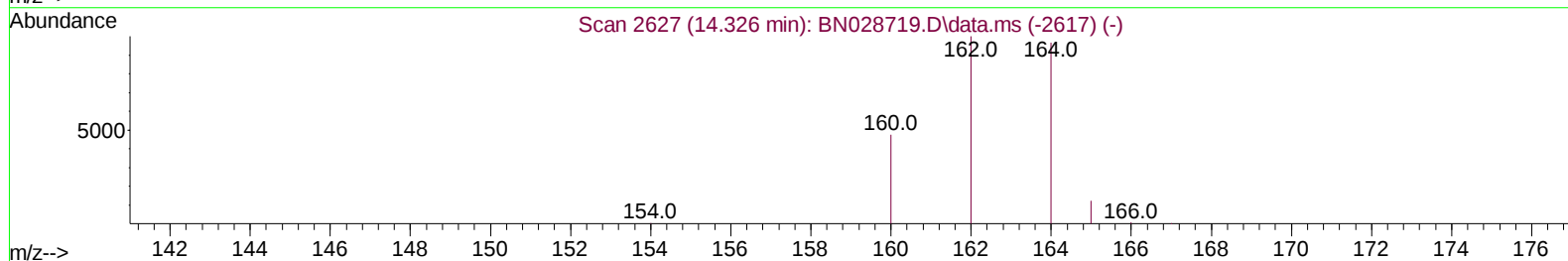
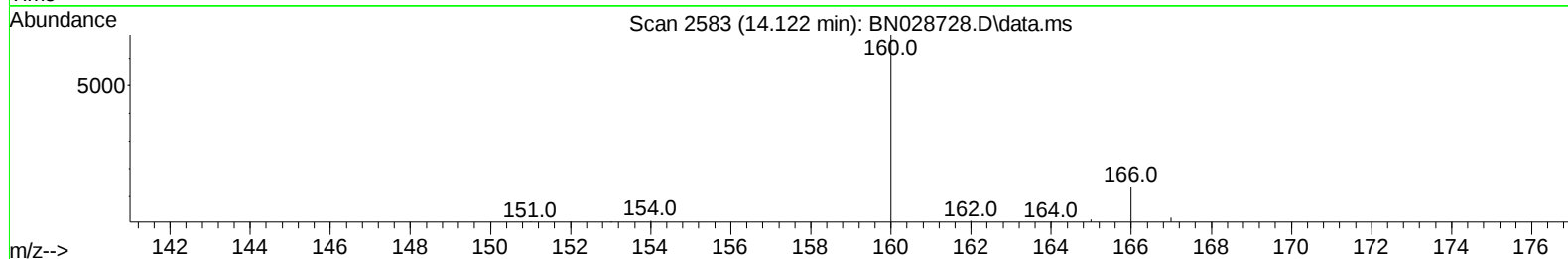
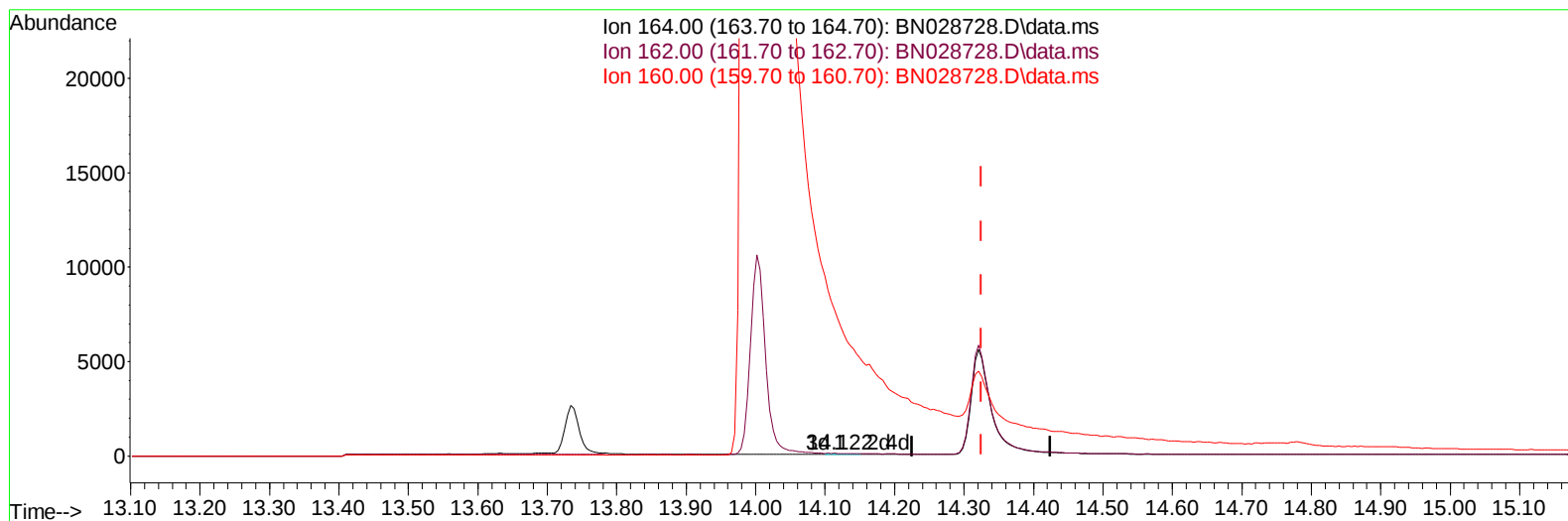
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028728.D
 Acq On : 18 Nov 2023 08:07
 Operator : MA/JU
 Sample : 05369-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDN4

Manual IntegrationsAPPROVED

Quant Time: Nov 18 23:00:22 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: BN028728.D\data.ms

(9) Acenaphthene-d10 (I)

14.122min (-0.203) 0.40 ng/u1

response 12

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	103.90	140.96#
160.00	49.20	8245.78#
0.00	0.00	0.00

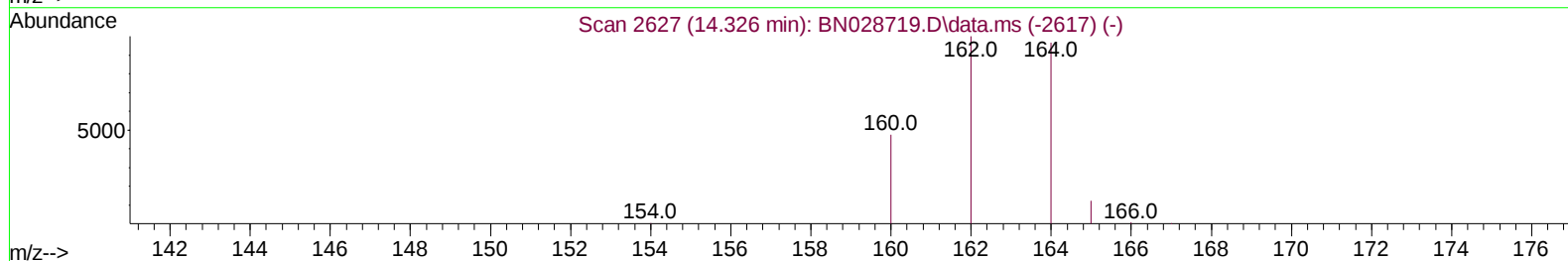
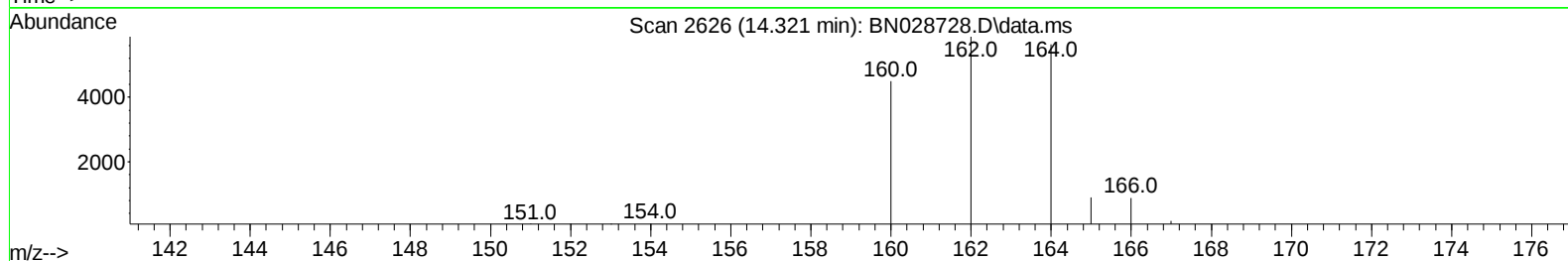
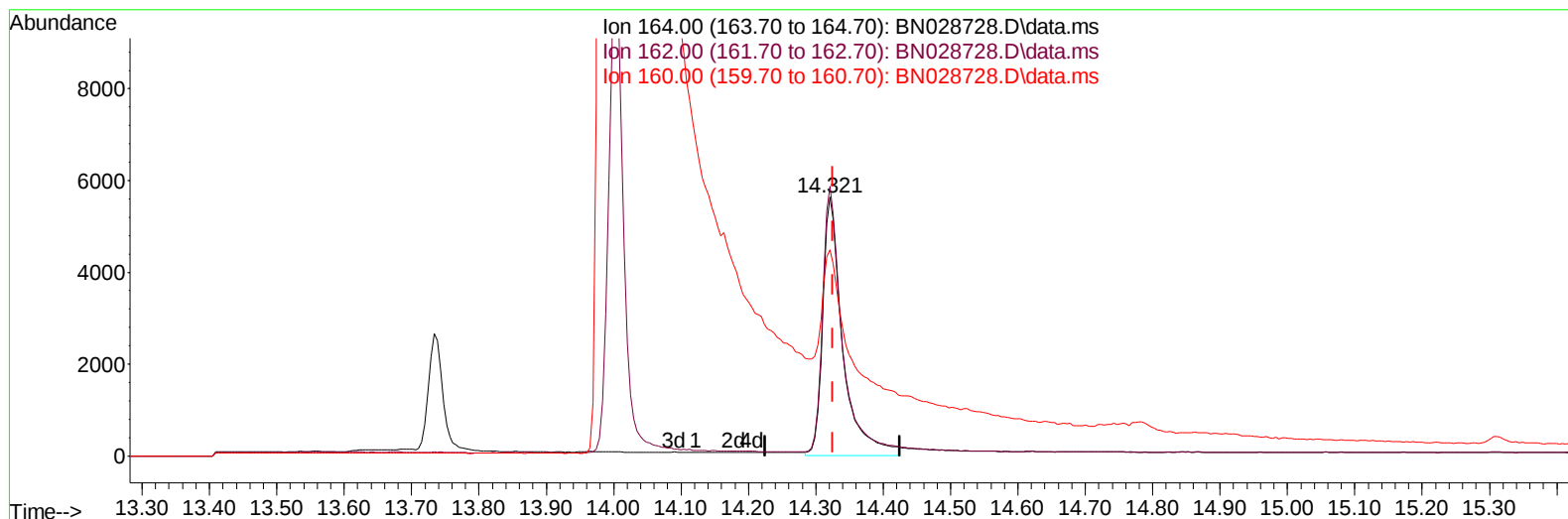
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028728.D
 Acq On : 18 Nov 2023 08:07
 Operator : MA/JU
 Sample : 05369-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDN4

Manual IntegrationsAPPROVED

Quant Time: Nov 18 23:00:22 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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Reviewed By :Yogesh Patel 11/19/2023
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TIC: BN028728.D\data.ms

(9) Acenaphthene-d10 (I)

14.321min (-0.004) 0.40 ng/u1 m

response 11631

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	103.90	104.13
160.00	49.20	79.78#
0.00	0.00	0.00

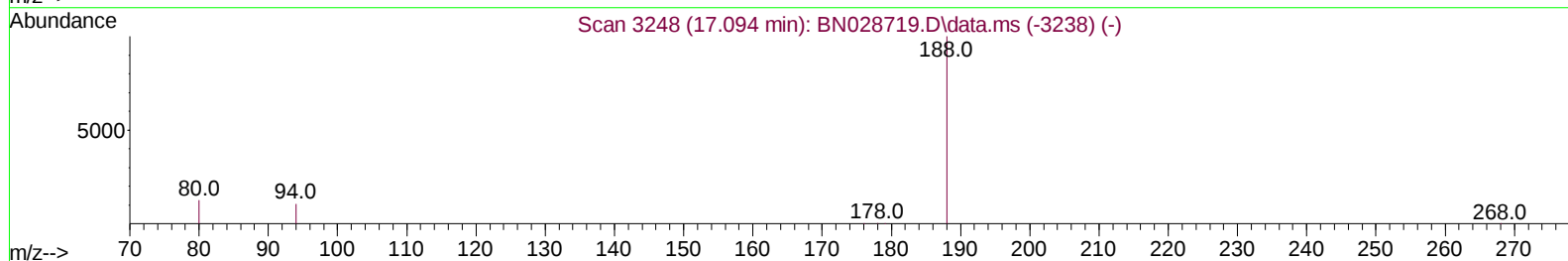
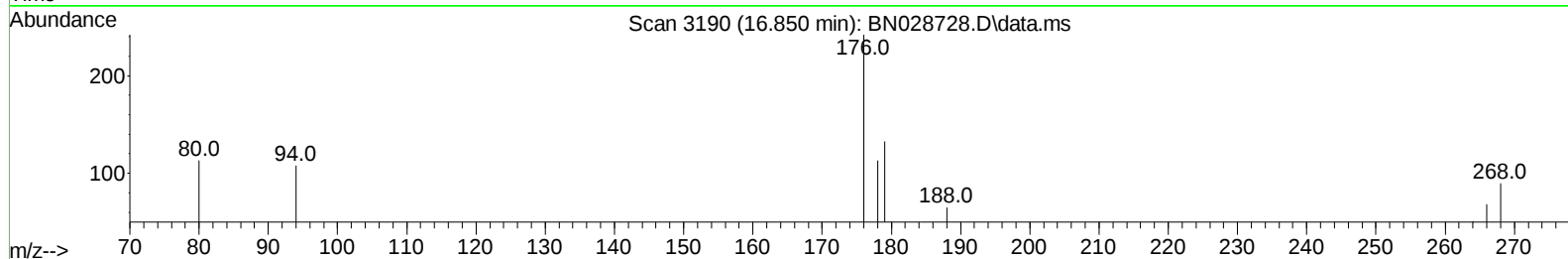
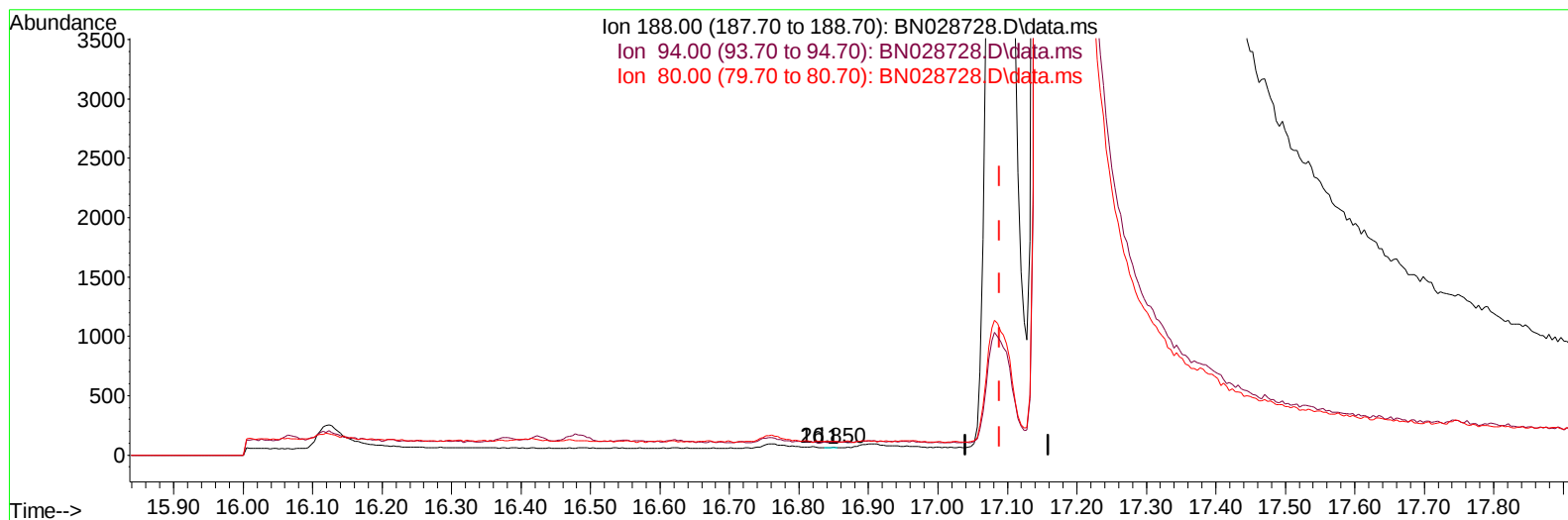
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028728.D
 Acq On : 18 Nov 2023 08:07
 Operator : MA/JU
 Sample : 05369-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDN4

Manual IntegrationsAPPROVED

Quant Time: Nov 18 23:00:22 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: BN028728.D\data.ms

(13) Phenanthrene-d10 (I)

16.850min (-0.240) 0.40 ng/u1

response 2

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.10	166.15#
80.00	10.90	173.85#
0.00	0.00	0.00

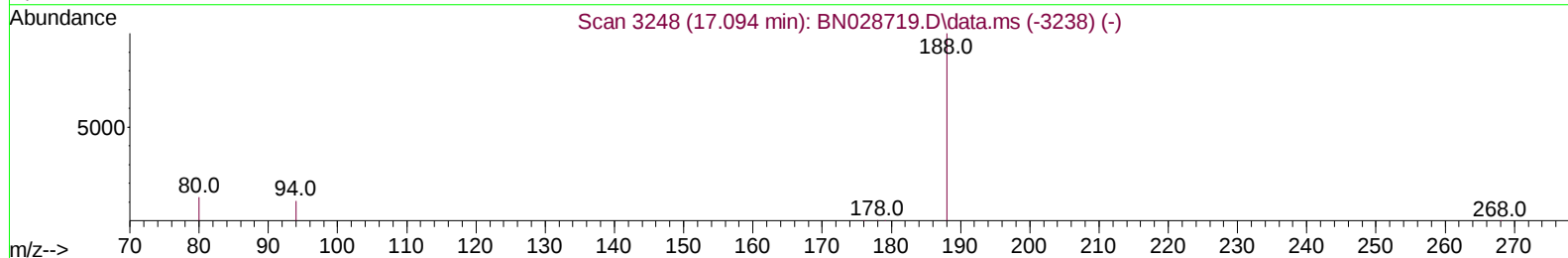
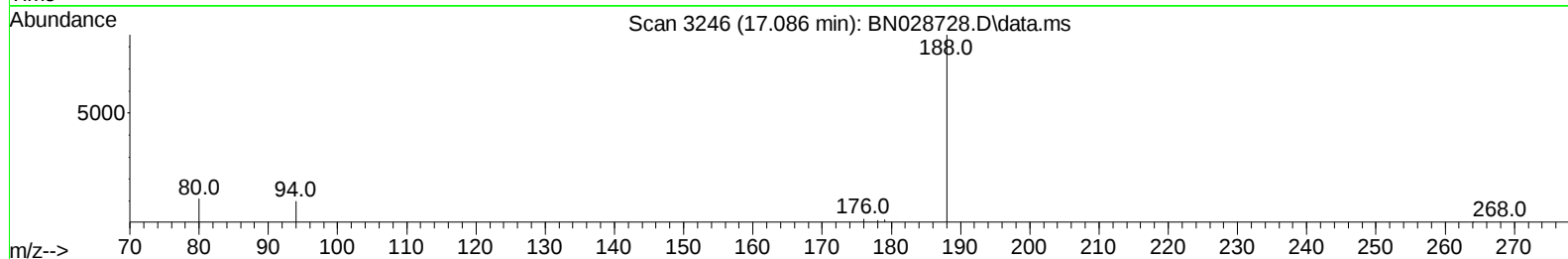
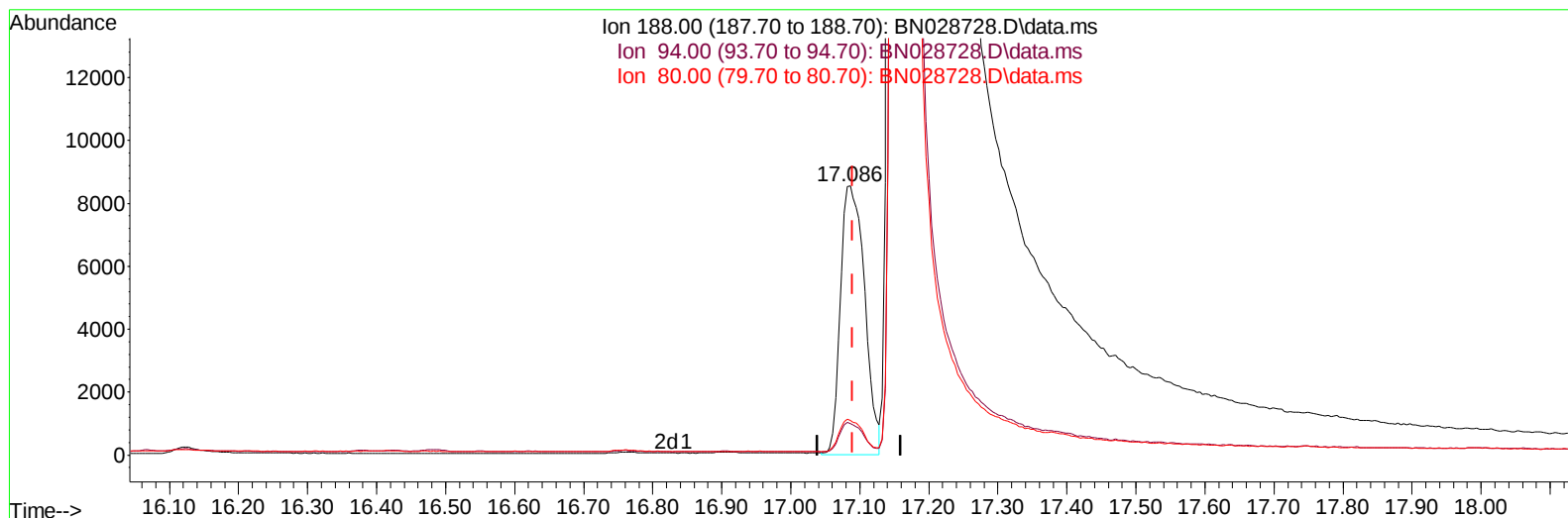
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028728.D
Acq On : 18 Nov 2023 08:07
Operator : MA/JU
Sample : 05369-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDN4

Manual IntegrationsAPPROVED

Quant Time: Nov 18 23:00:22 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: BN028728.D\data.ms

(13) Phenanthrene-d10 (I)

17.086min (-0.003) 0.40 ng/ul m

response 20731

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.10	11.64
80.00	10.90	12.94
0.00	0.00	0.00

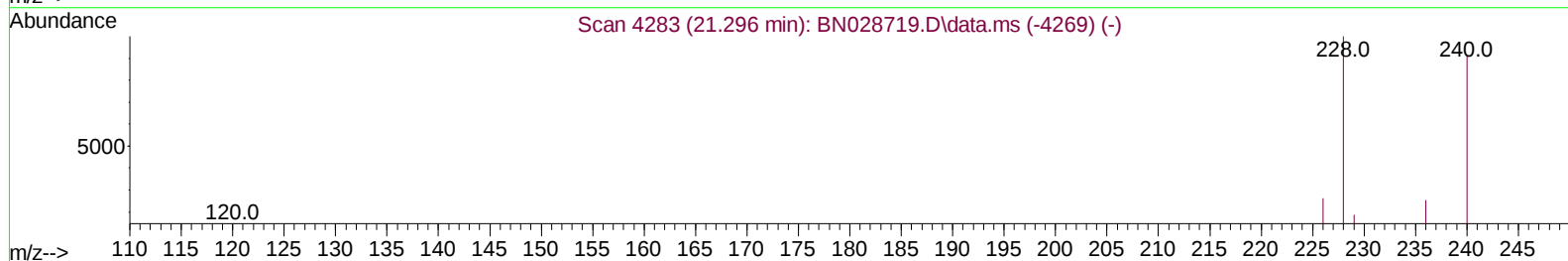
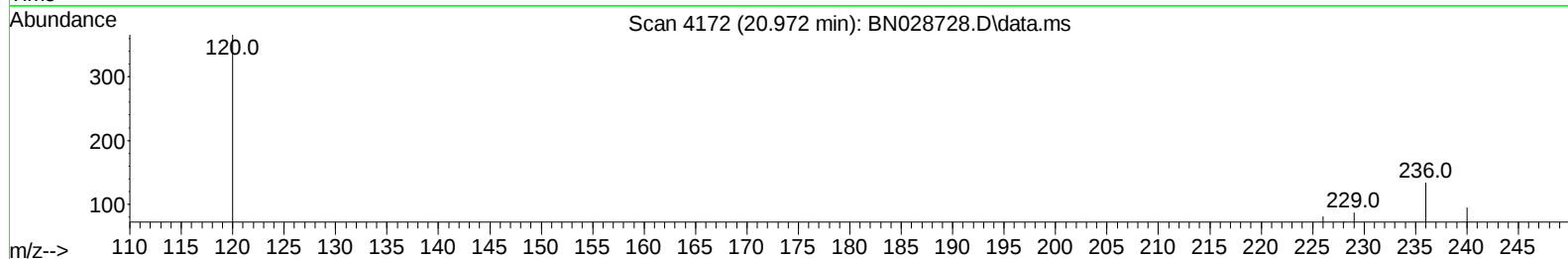
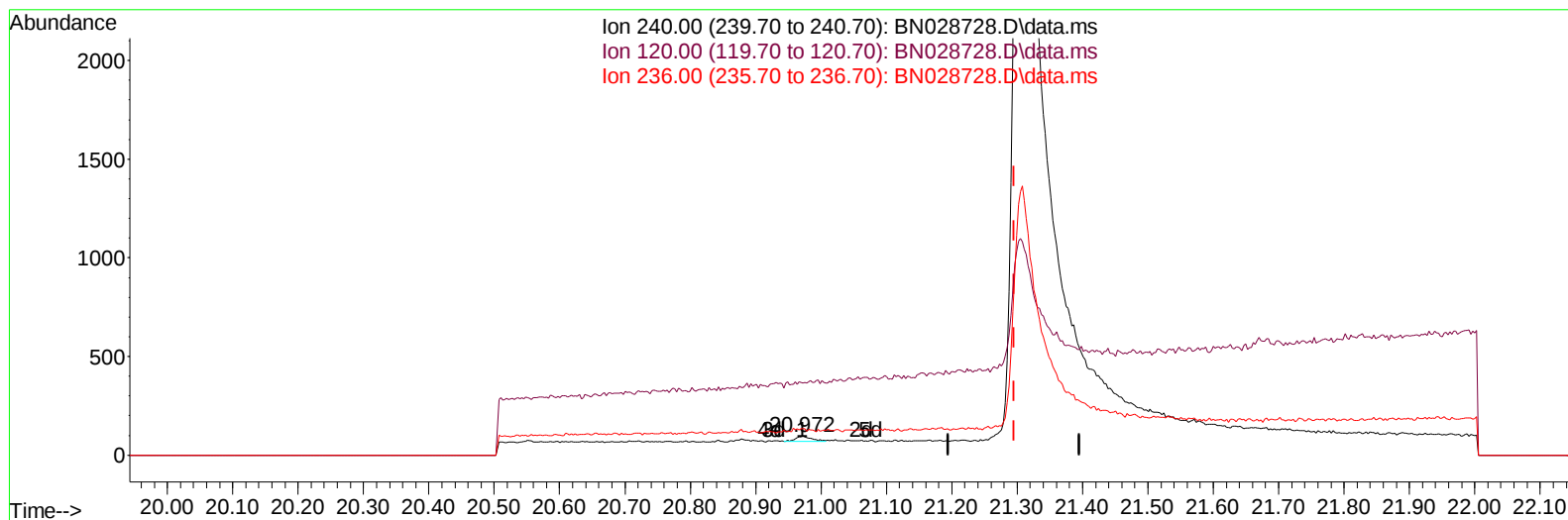
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028728.D
Acq On : 18 Nov 2023 08:07
Operator : MA/JU
Sample : 05369-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDN4

Manual IntegrationsAPPROVED

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Quant Time: Nov 18 23:00:22 2023
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TIC: BN028728.D\data.ms

(17) Chrysene-d12

20.972min (-0.323) 0.40 ng/u1

response 48

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.00	385.26#
236.00	28.00	141.05#
0.00	0.00	0.00

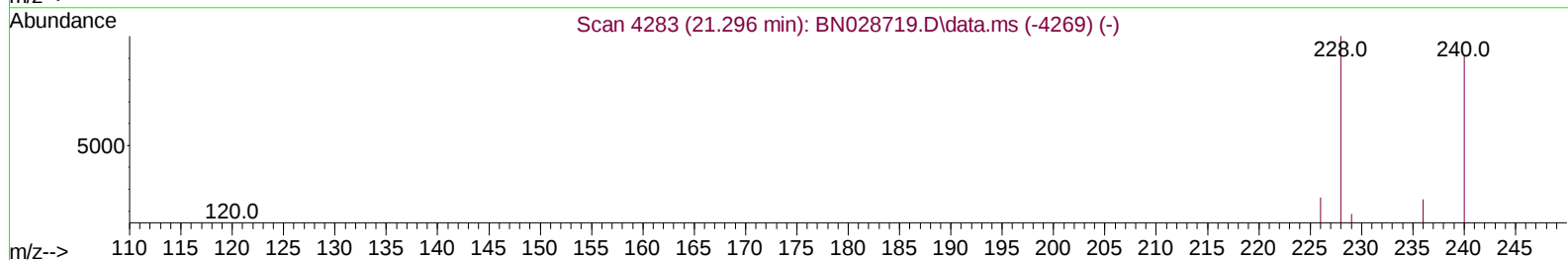
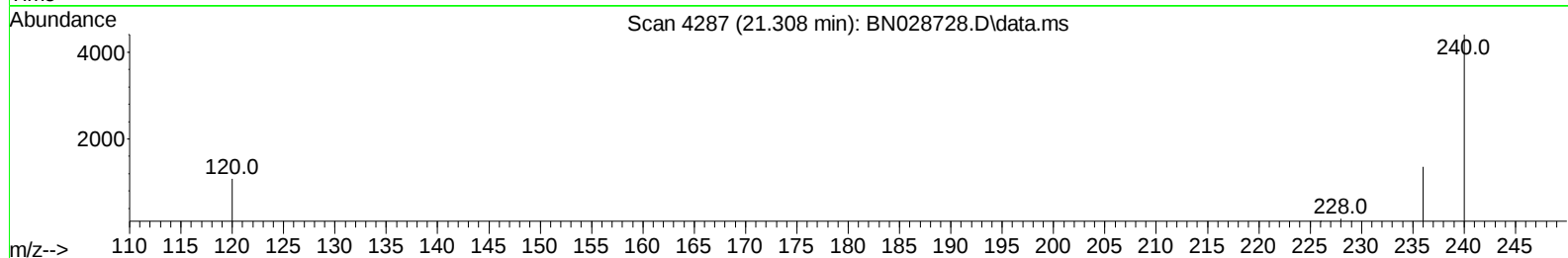
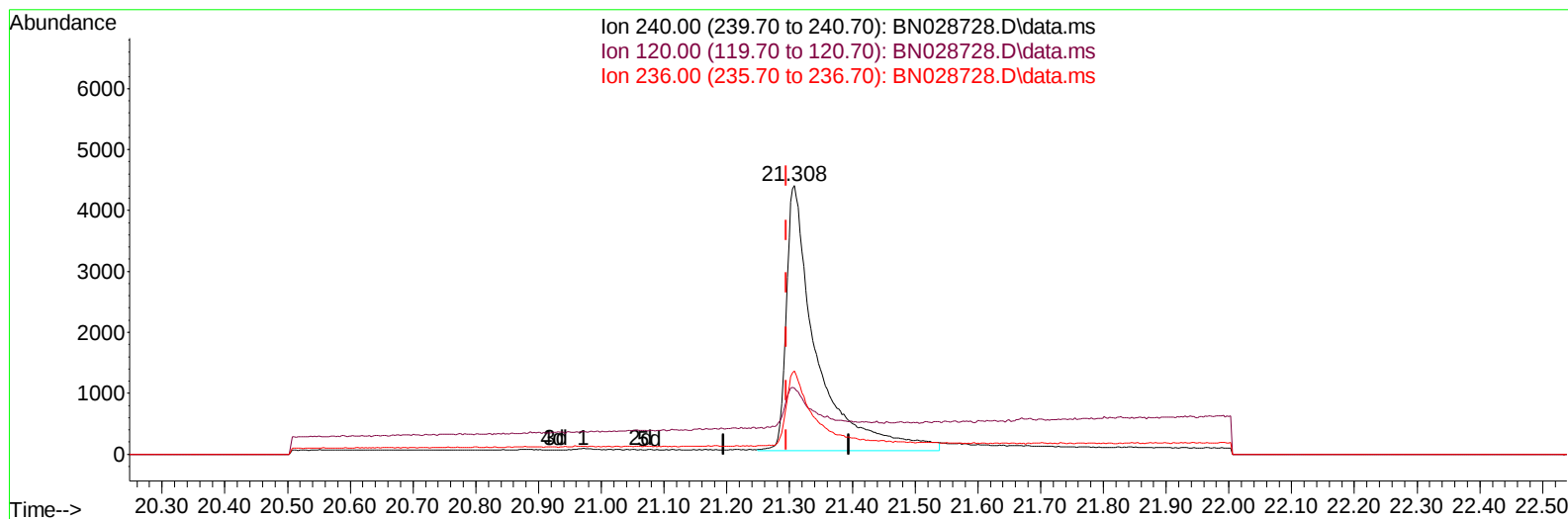
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028728.D
 Acq On : 18 Nov 2023 08:07
 Operator : MA/JU
 Sample : 05369-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDN4

Manual IntegrationsAPPROVED

Quant Time: Nov 18 23:00:22 2023
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 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: BN028728.D\data.ms

(17) Chrysene-d12

21.308min (+ 0.012) 0.40 ng/ul m

response 14659

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.00	24.56#
236.00	28.00	30.94
0.00	0.00	0.00

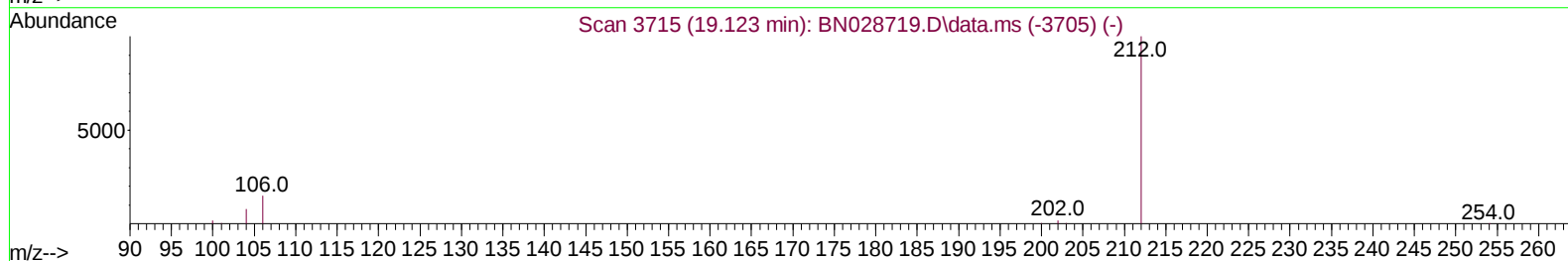
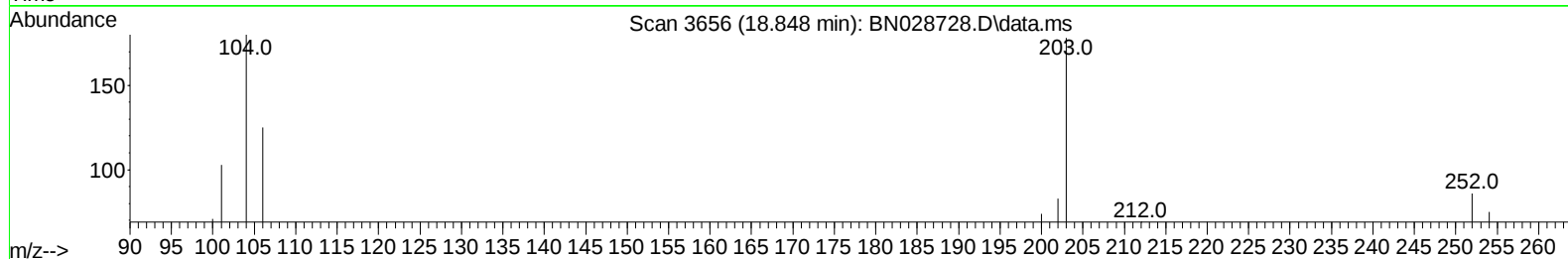
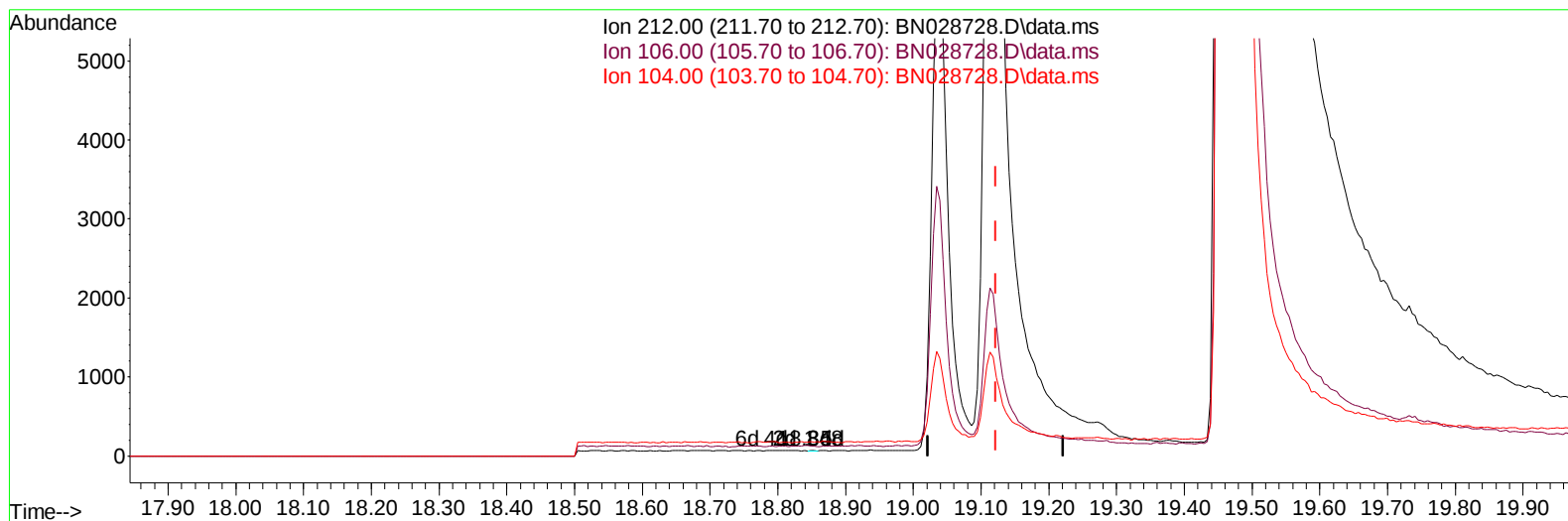
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028728.D
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 Operator : MA/JU
 Sample : 05369-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 11/20/2023



TIC: BN028728.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.848min (-0.273) 0.00 ng/u1

response 2

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.80	0.00#
104.00	8.30	150.00#
0.00	0.00	0.00

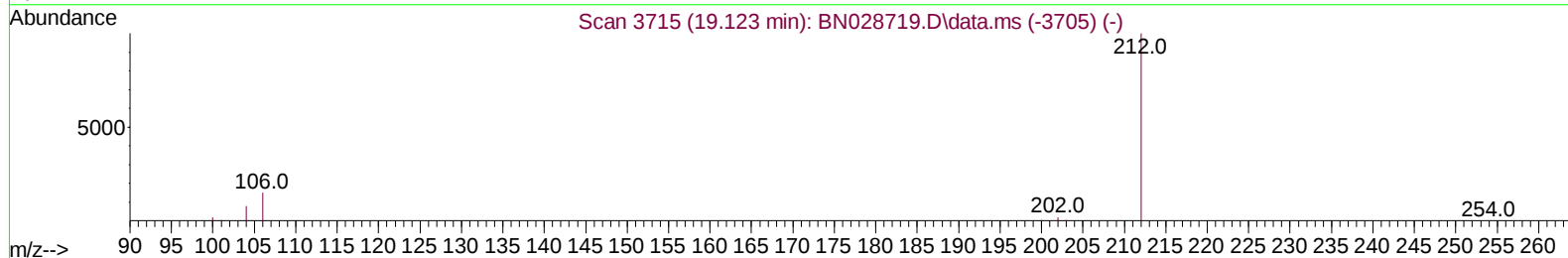
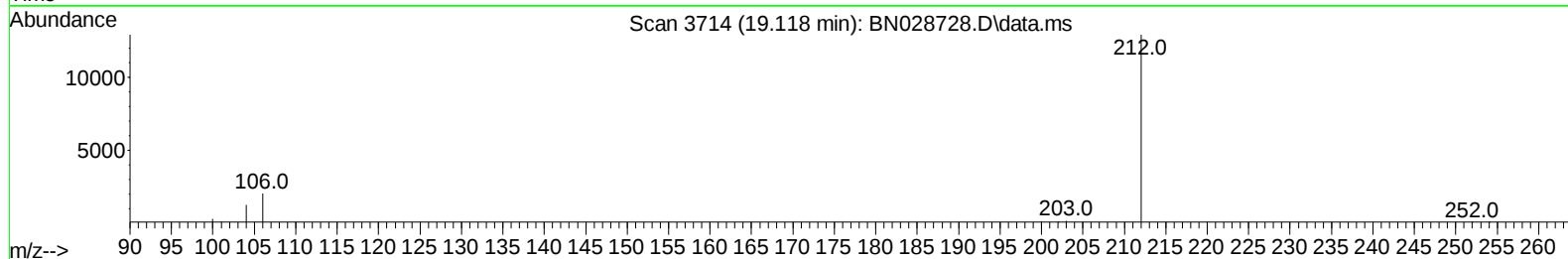
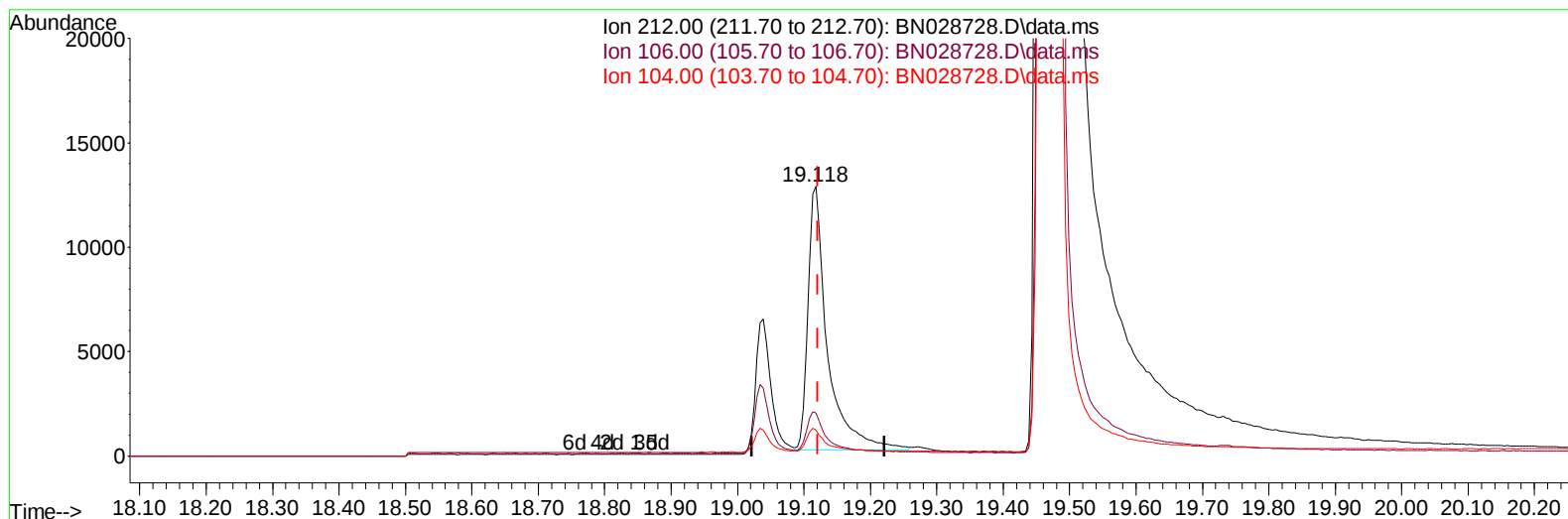
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028728.D
 Acq On : 18 Nov 2023 08:07
 Operator : MA/JU
 Sample : 05369-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDN4

Manual IntegrationsAPPROVED

Quant Time: Nov 18 23:00:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
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 Supervised By :mohammad ahmed 11/20/2023



TIC: BN028728.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.118min (-0.004) 0.54 ng/ul m

response 25644

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

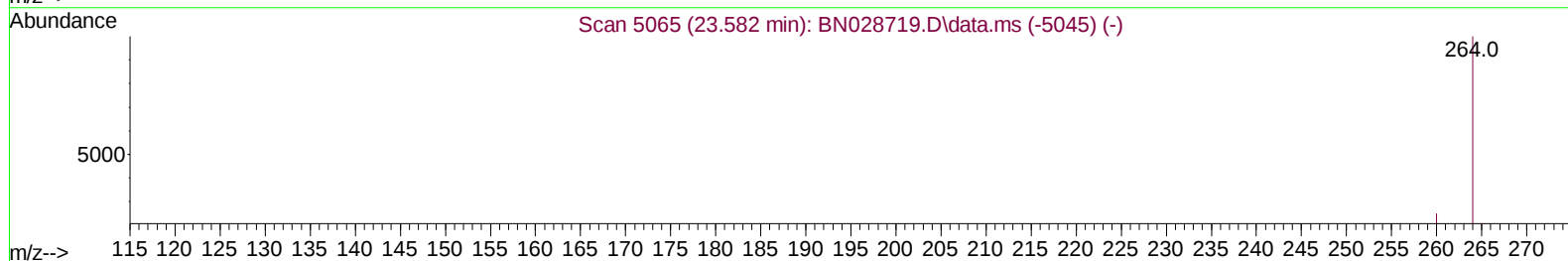
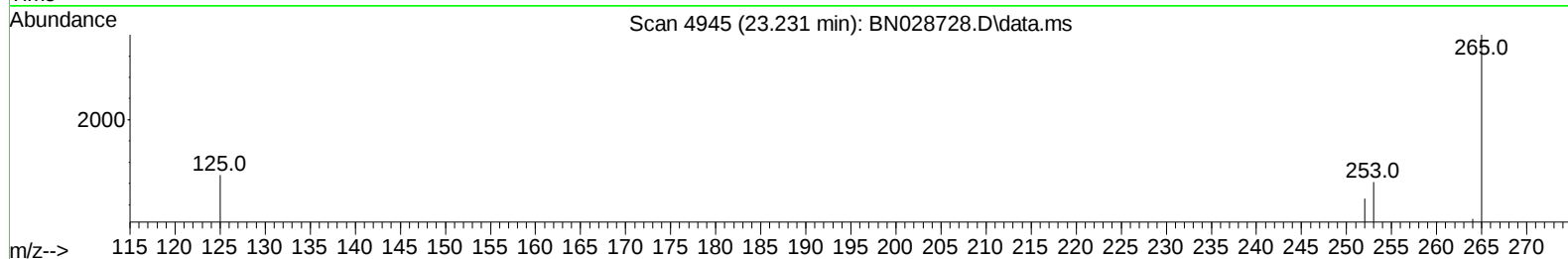
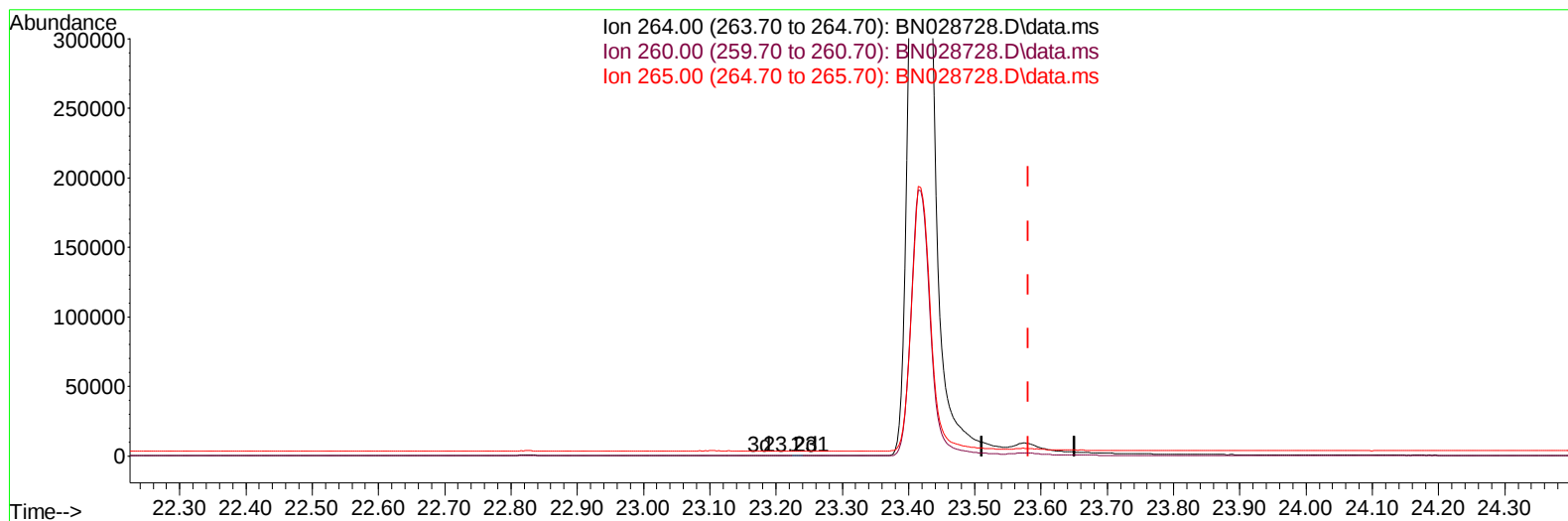
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028728.D
 Acq On : 18 Nov 2023 08:07
 Operator : MA/JU
 Sample : 05369-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDN4

Manual IntegrationsAPPROVED

Quant Time: Nov 18 23:00:22 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: BN028728.D\data.ms

(23) Perylene-d12 (I)

23.231min (-0.350) 0.40 ng/u1

response 4

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.40	56.82#
265.00	38.80	2727.27#
0.00	0.00	0.00

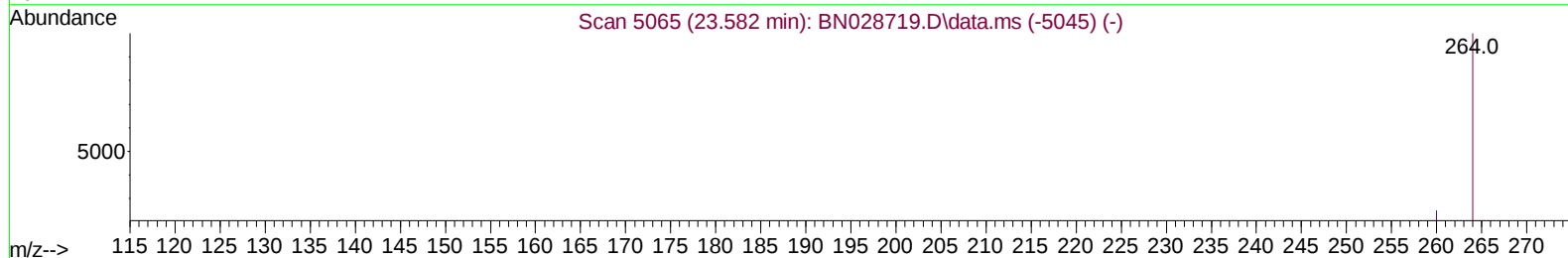
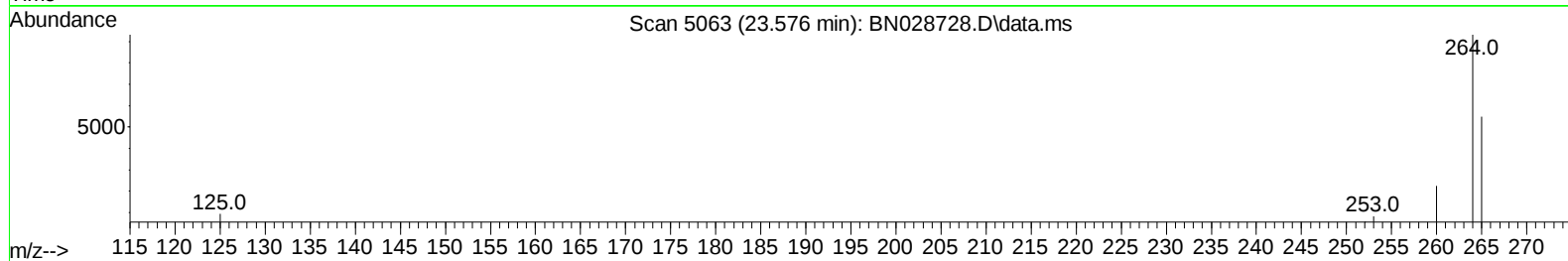
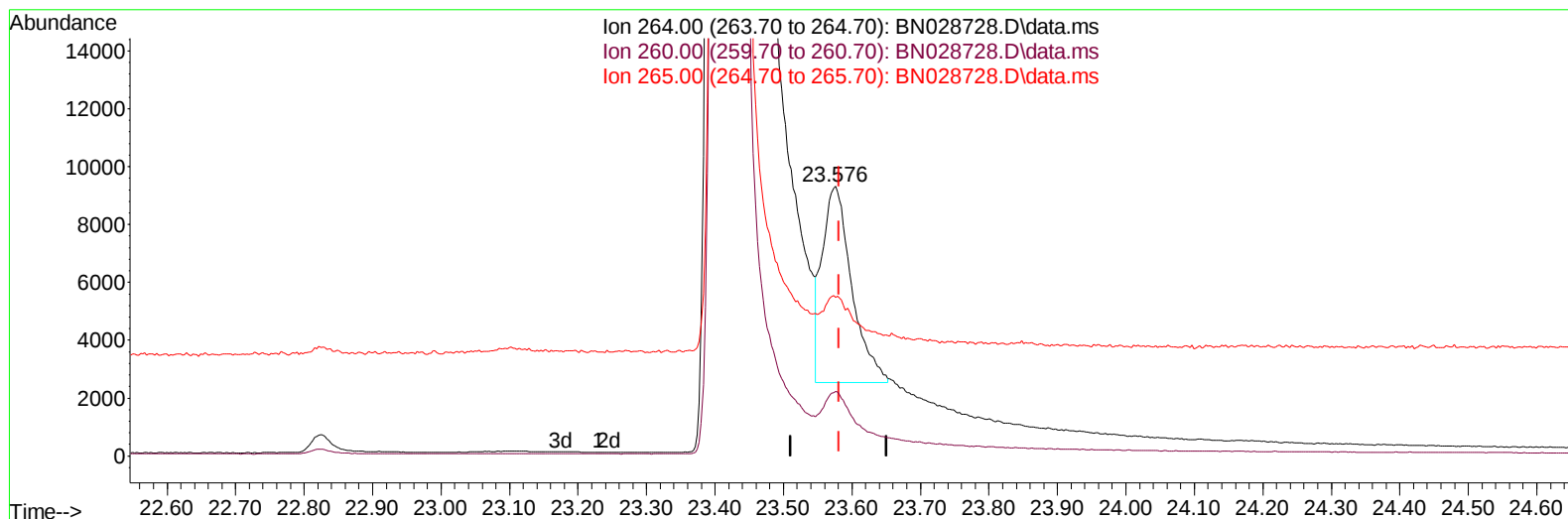
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028728.D
Acq On : 18 Nov 2023 08:07
Operator : MA/JU
Sample : 05369-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDN4

Manual IntegrationsAPPROVED

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

Quant Time: Nov 18 23:00:22 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: BN028728.D\data.ms

(23) Perylene-d12 (I)

23.576min (-0.005) 0.40 ng/ul m

response 20226

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.40	24.05
265.00	38.80	58.77#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028728.D
 Acq On : 18 Nov 2023 08:07
 Operator : MA/JU
 Sample : 05369-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDN4

Manual IntegrationsAPPROVED

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

Quant Time: Nov 18 23:00:22 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.719	152	4592m	0.400	ng/ul	-0.08
4) Naphthalene-d8	10.473	136	14687m	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.321	164	11631m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.086	188	20731m	0.400	ng/ul	0.00
17) Chrysene-d12	21.308	240	14659m	0.400	ng/ul	0.01
23) Perylene-d12	23.576	264	20226m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.112	96	37103	7.311	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.123	152	7383m	0.334	ng/ul	0.01
18) Fluoranthene-d10	19.118	212	25644m	0.544	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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Instrument :
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Manual IntegrationsAPPROVED

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