

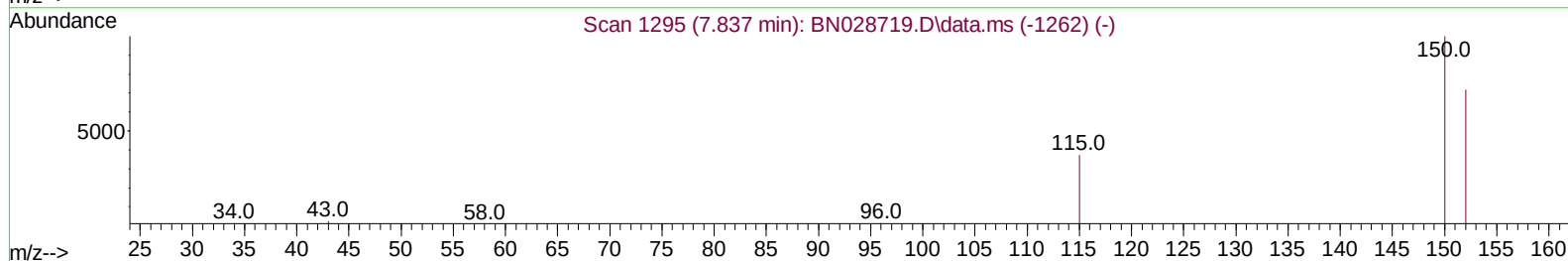
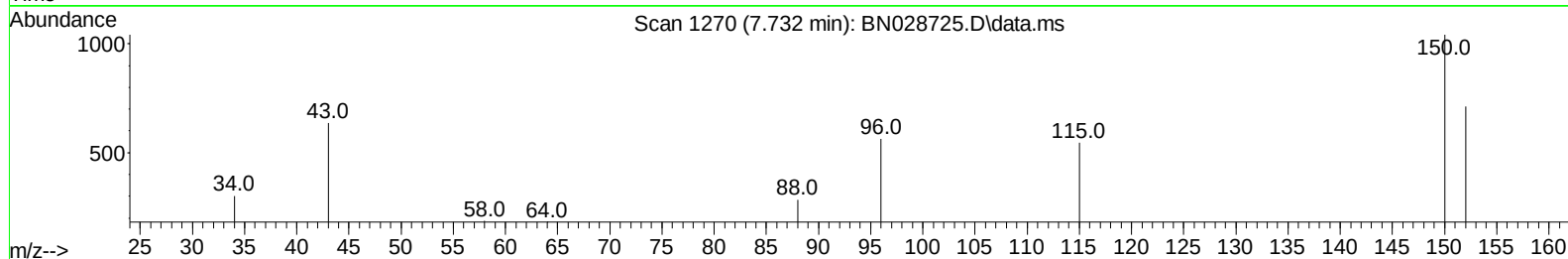
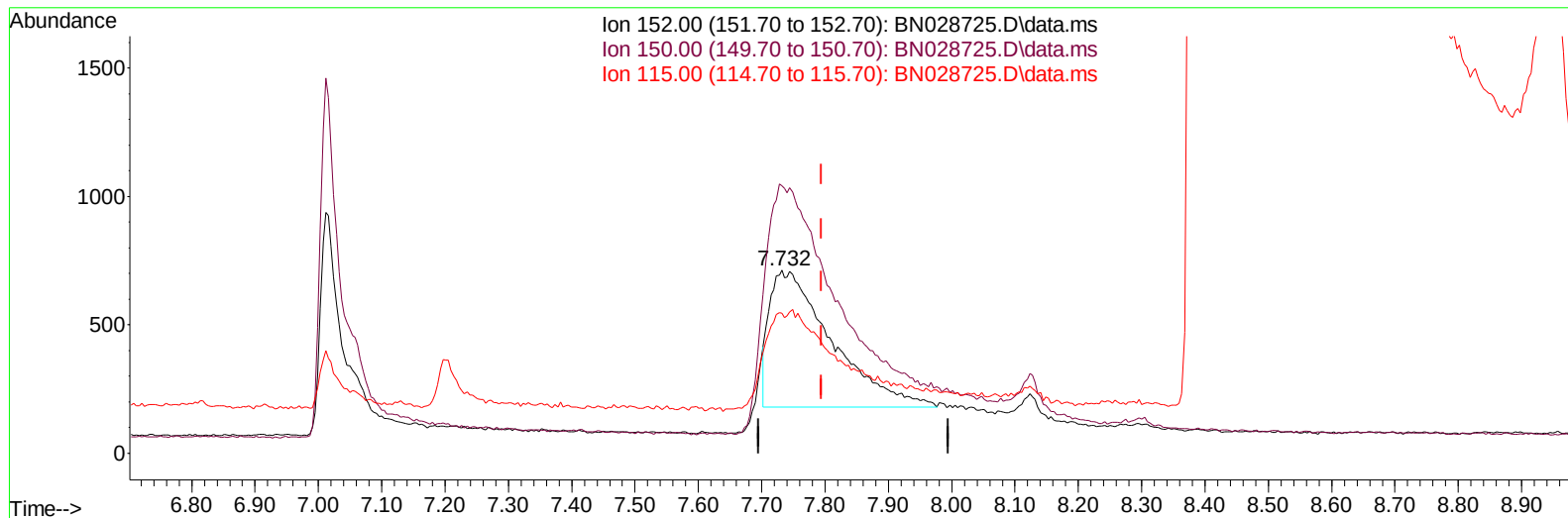
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028725.D
Acq On : 18 Nov 2023 06:19
Operator : MA/JU
Sample : 05369-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDN1

Manual IntegrationsAPPROVED

Quant Time: Nov 18 22:59:38 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: BN028725.D\data.ms

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

7.732min (-0.063) 0.40 ng/u1

response 3612

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	146.35
115.00	62.20	76.54#
0.00	0.00	0.00

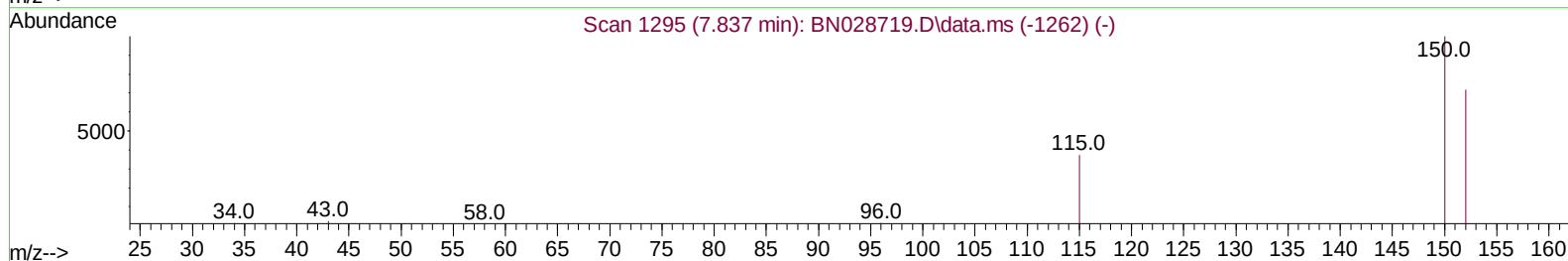
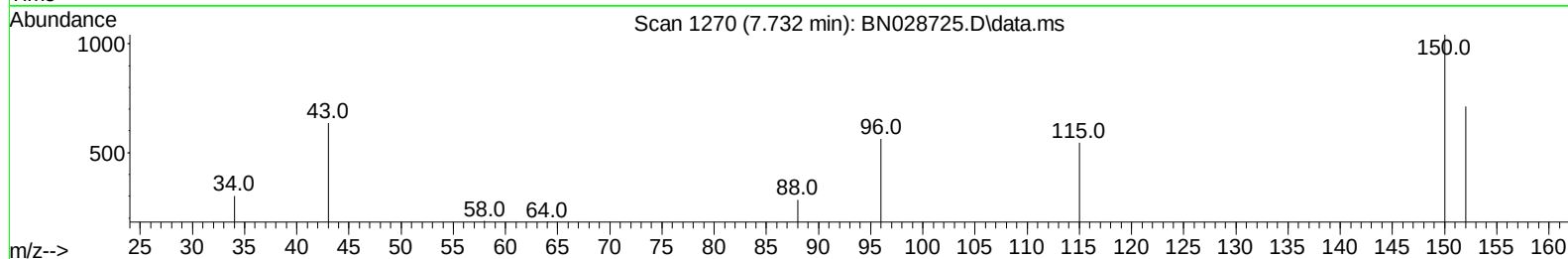
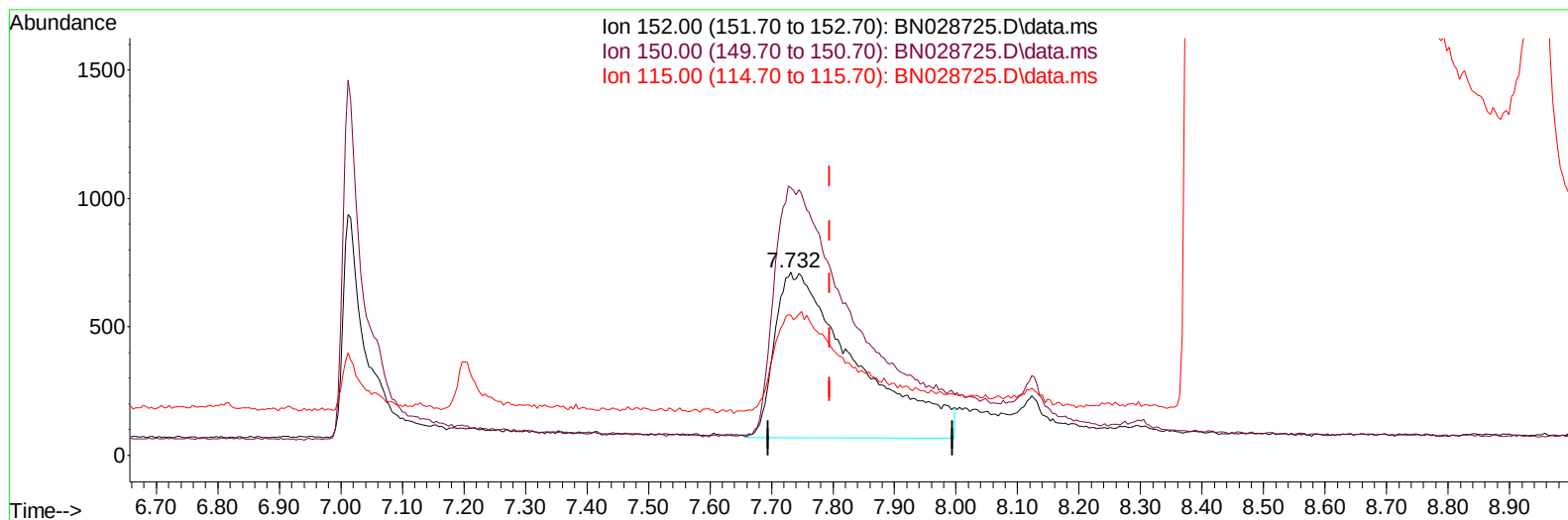
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Data File : BN028725.D
Acq On : 18 Nov 2023 06:19
Operator : MA/JU
Sample : 05369-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDN1

Manual IntegrationsAPPROVED

Quant Time: Nov 18 22:59:38 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: BN028725.D\data.ms

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

7.732min (-0.063) 0.40 ng/ul m

response 5936

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	146.35
115.00	62.20	76.54#
0.00	0.00	0.00

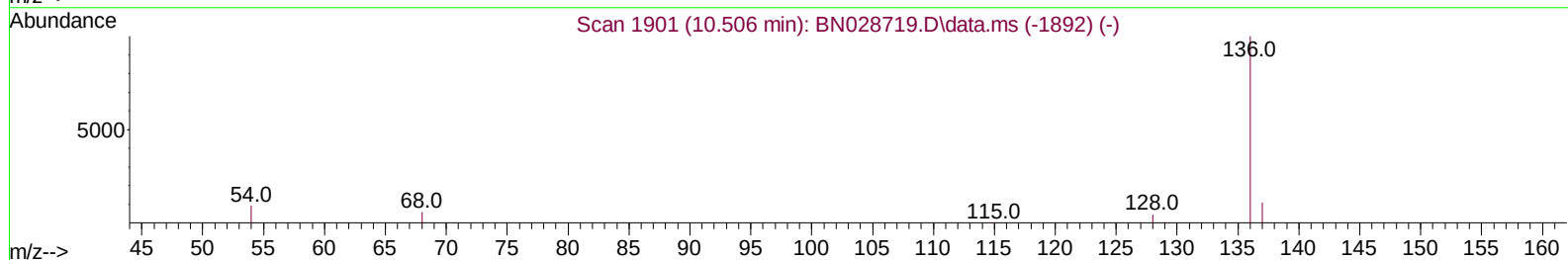
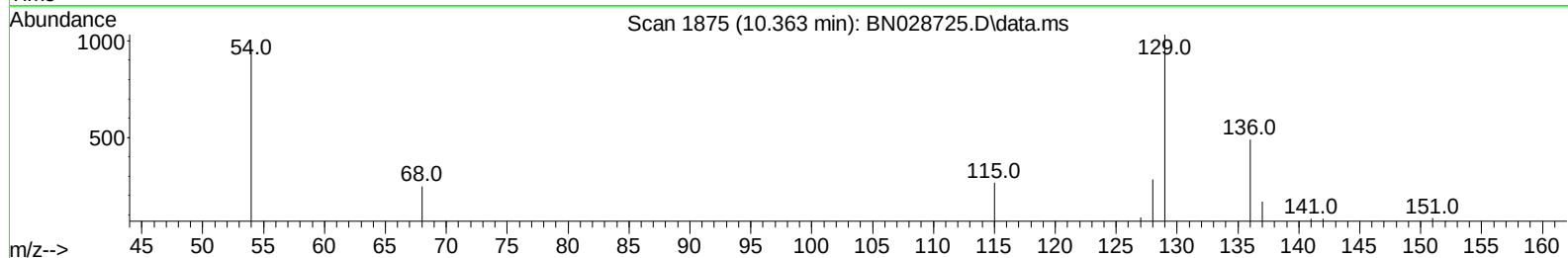
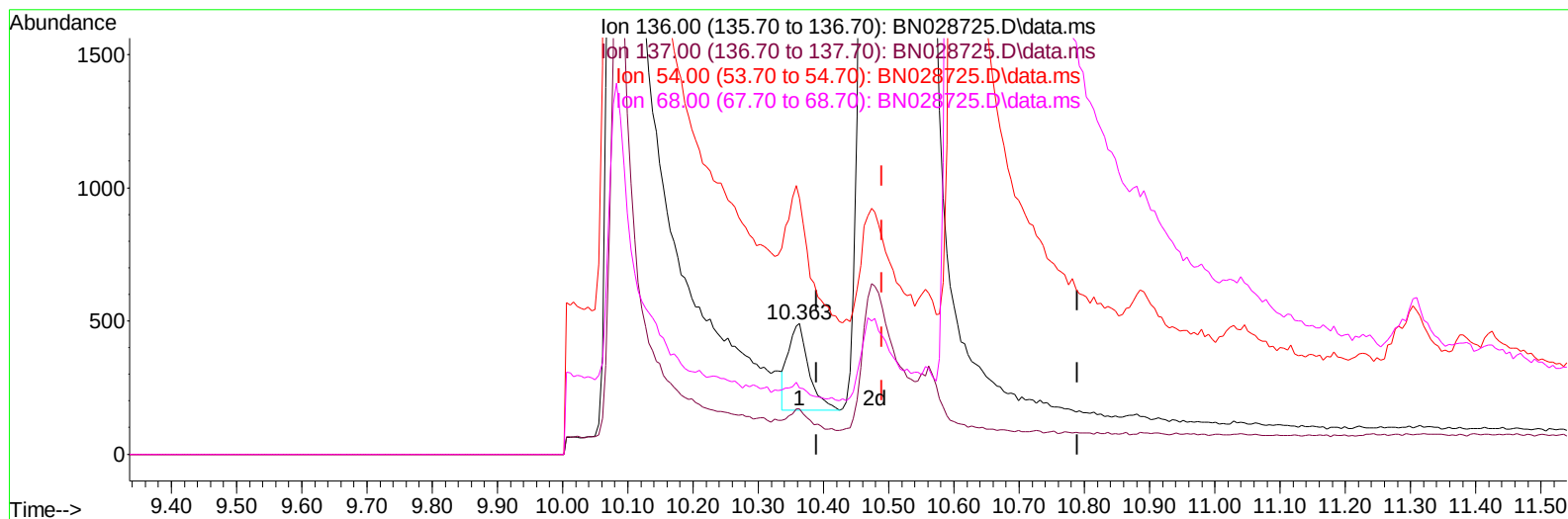
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028725.D
Acq On : 18 Nov 2023 06:19
Operator : MA/JU
Sample : 05369-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDN1

Manual IntegrationsAPPROVED

Quant Time: Nov 18 22:59:38 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: BN028725.D\data.ms

(4) Naphthalene-d8 (I)

10.363min (-0.126) 0.40 ng/u1

response 721

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	34.49#
54.00	9.00	195.92#
68.00	7.10	50.61#

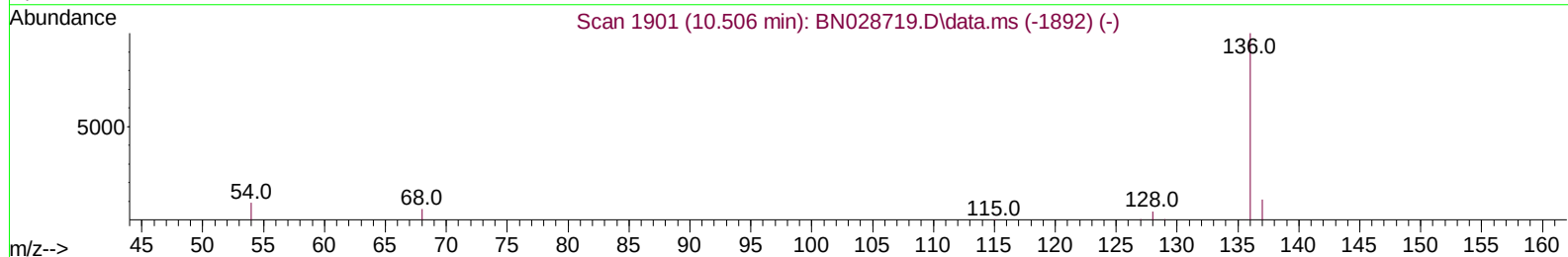
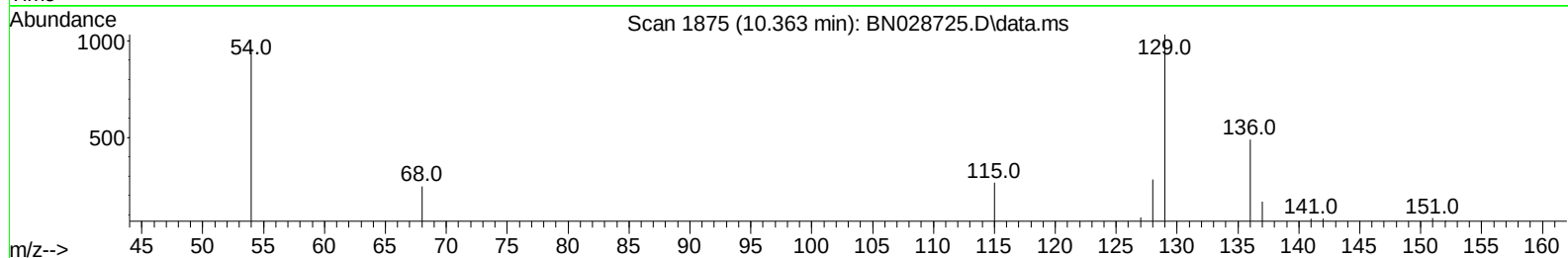
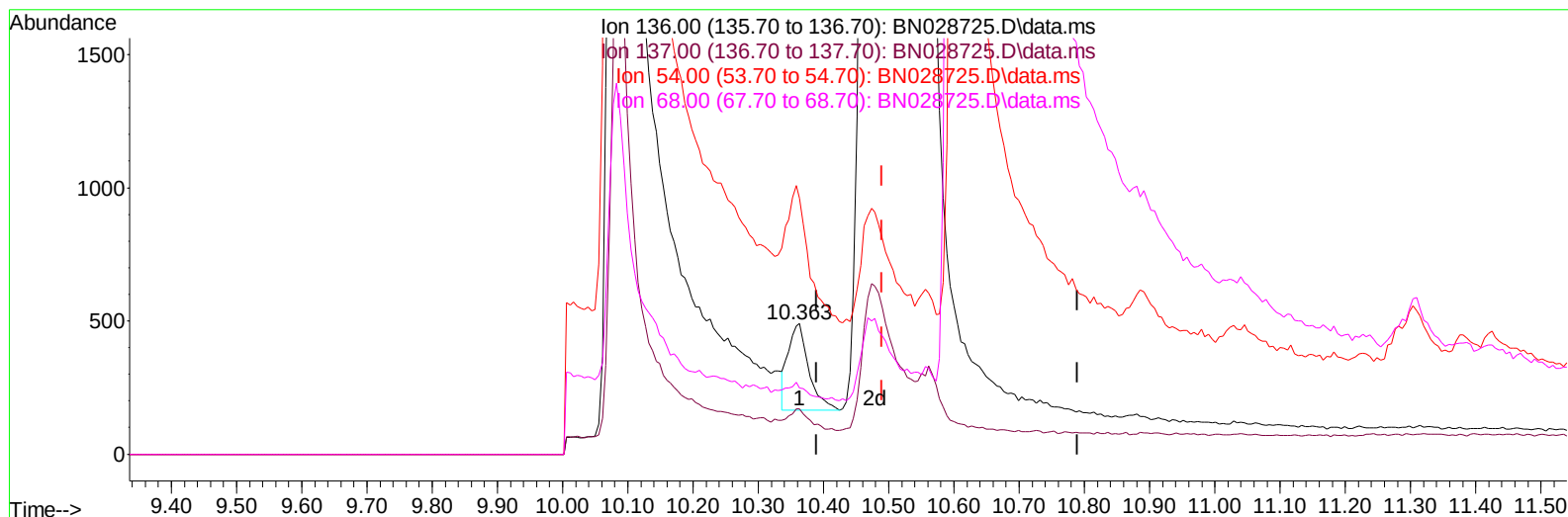
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028725.D
Acq On : 18 Nov 2023 06:19
Operator : MA/JU
Sample : 05369-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDN1

Manual IntegrationsAPPROVED

Quant Time: Nov 18 22:59:38 2023
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Supervised By :mohammad ahmed 11/20/2023



TIC: BN028725.D\data.ms

(4) Naphthalene-d8 (I)

10.363min (-0.126) 0.40 ng/u1

response 721

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	34.49#
54.00	9.00	195.92#
68.00	7.10	50.61#

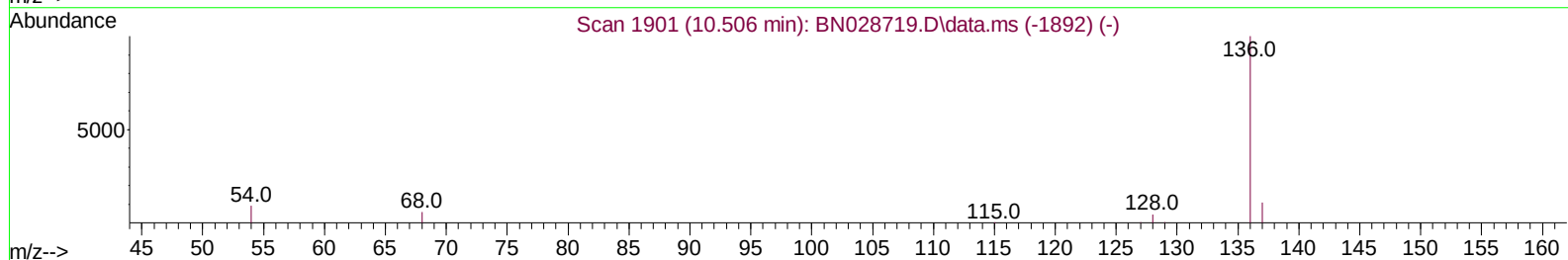
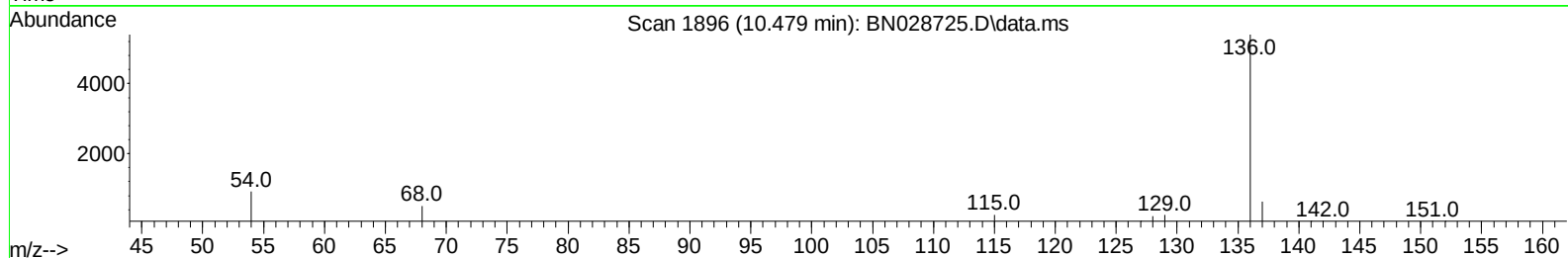
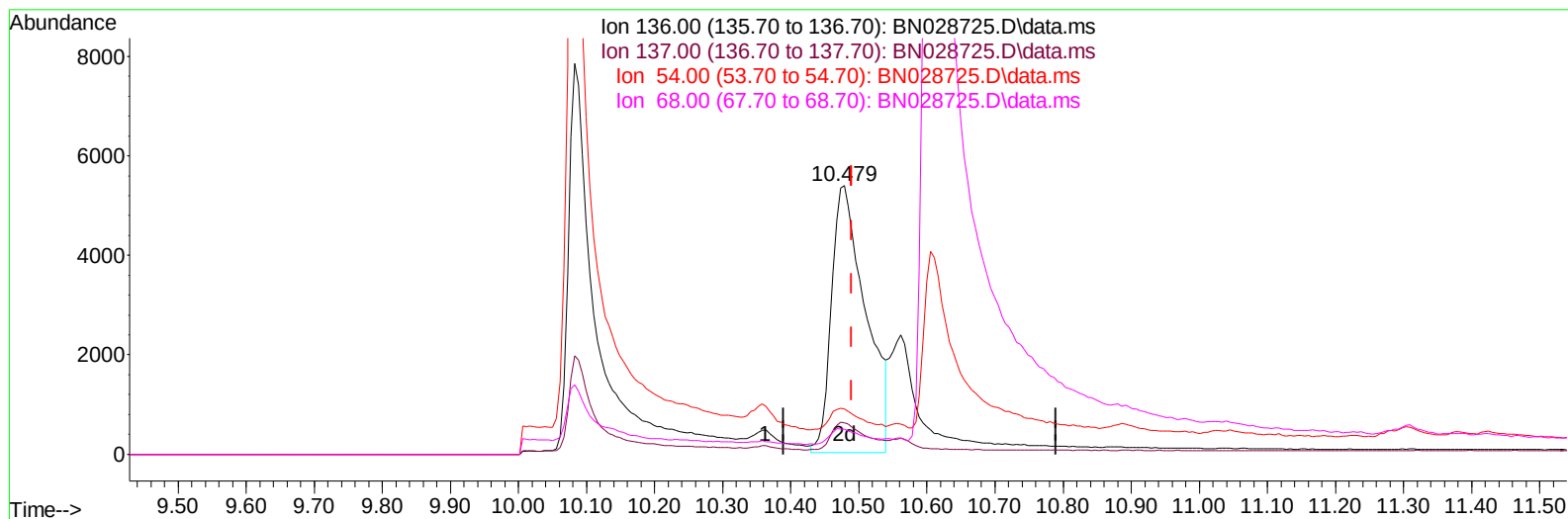
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028725.D
 Acq On : 18 Nov 2023 06:19
 Operator : MA/JU
 Sample : 05369-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDN1

Manual IntegrationsAPPROVED

Quant Time: Nov 18 22:59:38 2023
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 Supervised By :mohammad ahmed 11/20/2023



TIC: BN028725.D\data.ms

(4) Naphthalene-d8 (I)

10.479min (-0.011) 0.40 ng/ul m

response 18646

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	11.67
54.00	9.00	16.84#
68.00	7.10	9.43#

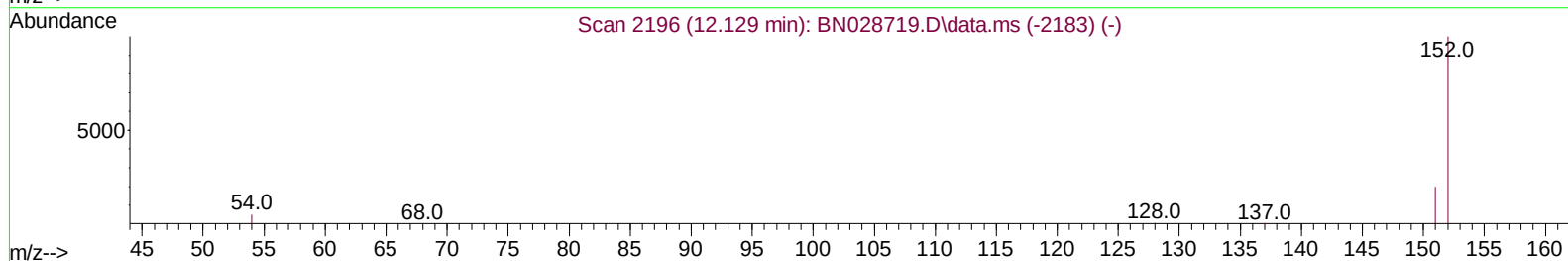
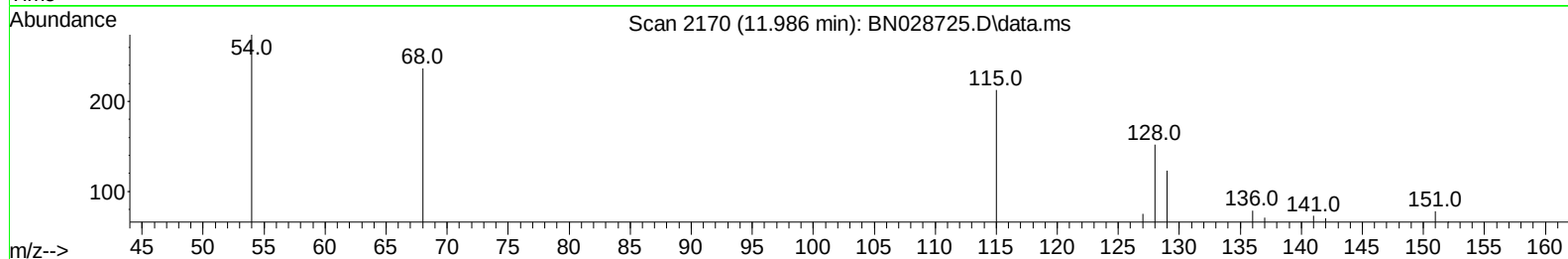
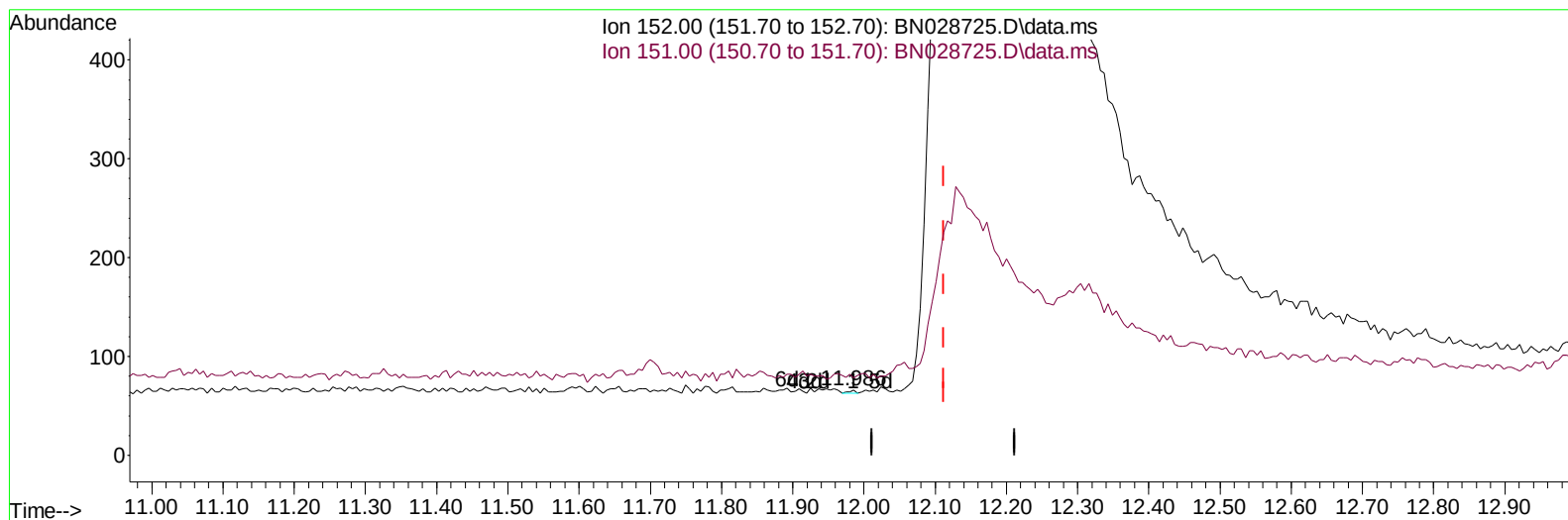
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028725.D
 Acq On : 18 Nov 2023 06:19
 Operator : MA/JU
 Sample : 05369-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDN1

Manual IntegrationsAPPROVED

Quant Time: Nov 18 22:59:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
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TIC: BN028725.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

11.986min (-0.126) 0.00 ng/u1

response 2

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.50	300.00#
0.00	0.00	0.00
0.00	0.00	0.00

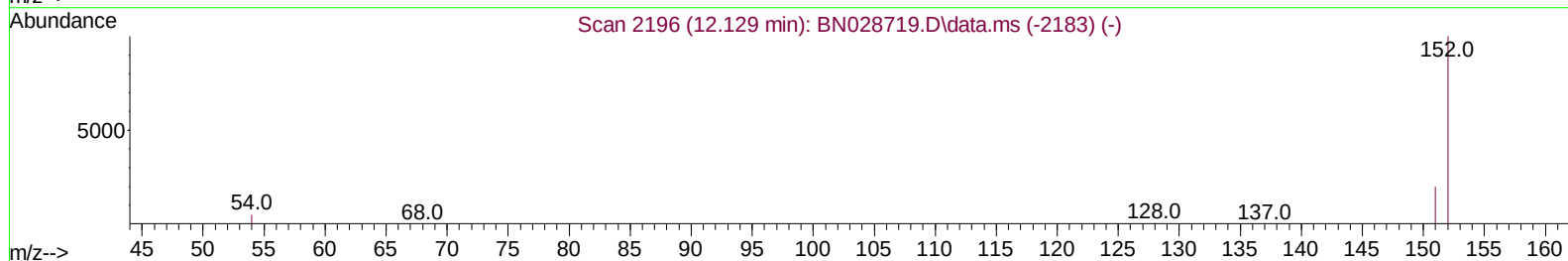
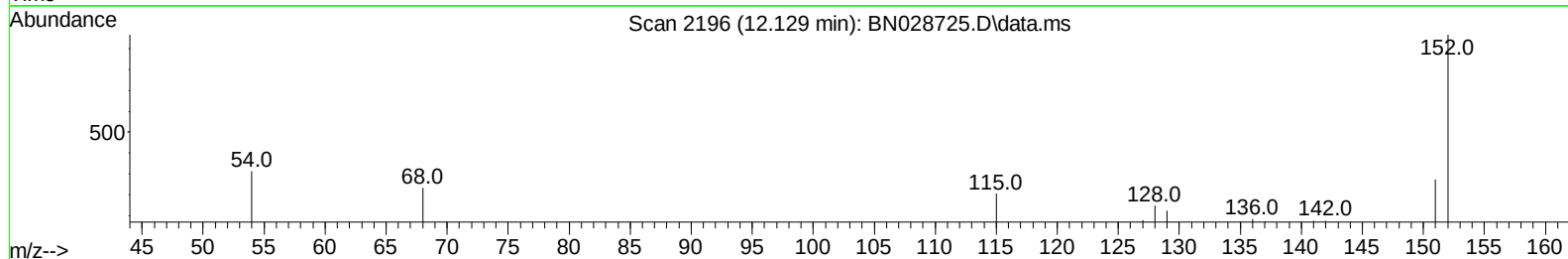
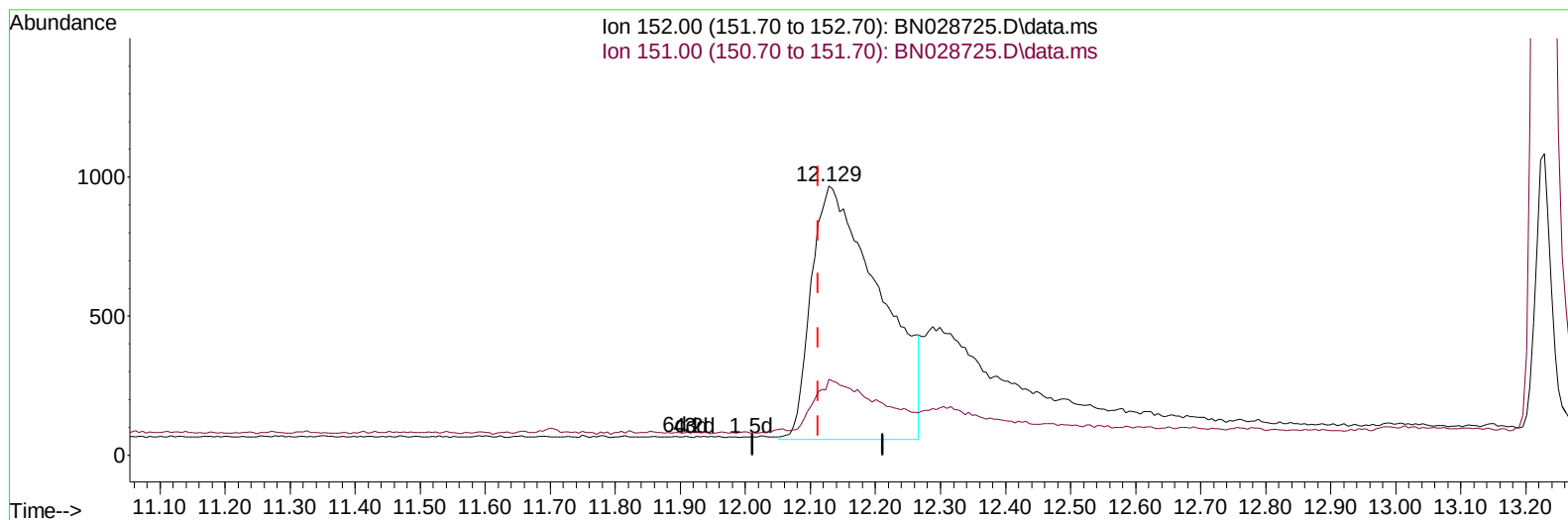
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028725.D
 Acq On : 18 Nov 2023 06:19
 Operator : MA/JU
 Sample : 05369-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDN1

Manual IntegrationsAPPROVED

Quant Time: Nov 18 22:59:38 2023
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TIC: BN028725.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.129min (+ 0.017) 0.24 ng/ul m

response 6706

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.50	0.09#
0.00	0.00	0.00
0.00	0.00	0.00

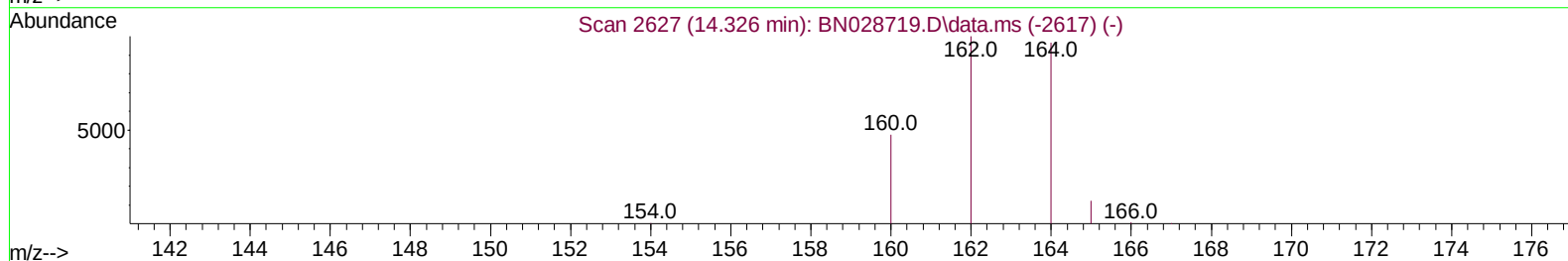
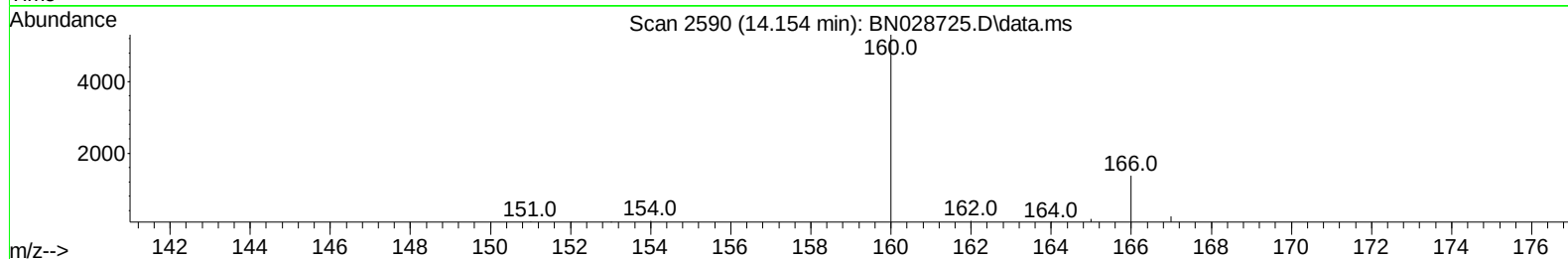
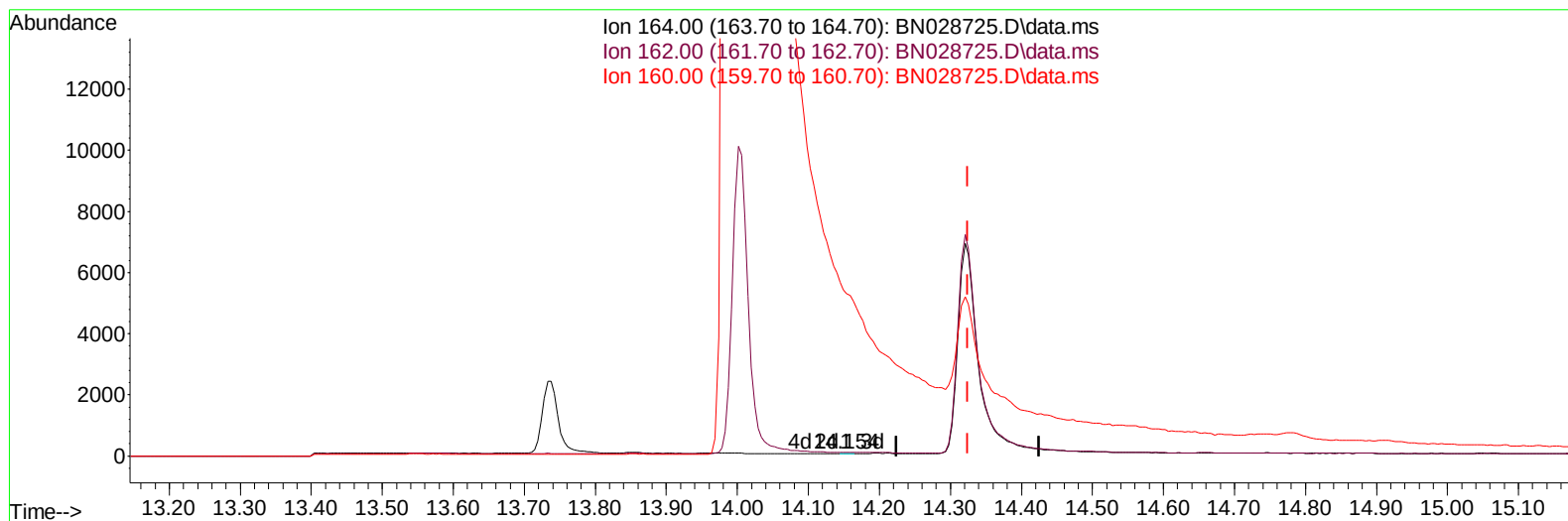
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028725.D
 Acq On : 18 Nov 2023 06:19
 Operator : MA/JU
 Sample : 05369-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDN1

Manual IntegrationsAPPROVED

Quant Time: Nov 18 22:59:38 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: BN028725.D\data.ms

(9) Acenaphthene-d10 (I)

14.154min (-0.171) 0.40 ng/u1

response 3

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	103.90	138.55#
160.00	49.20	6397.59#
0.00	0.00	0.00

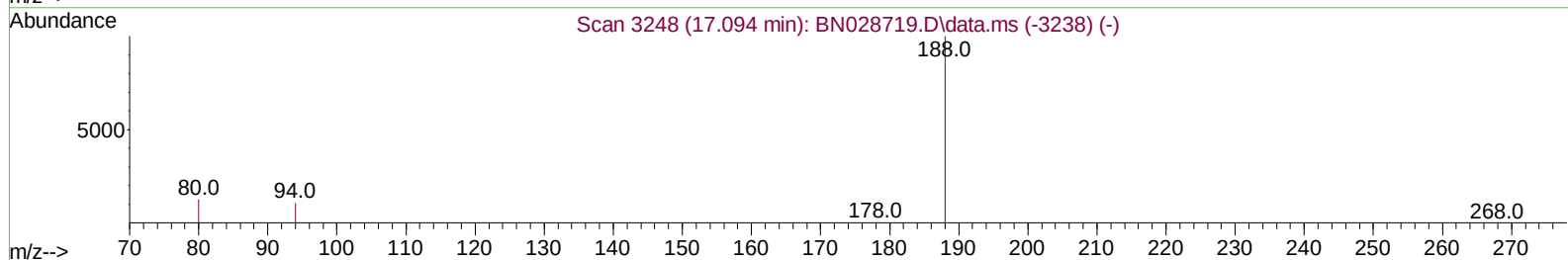
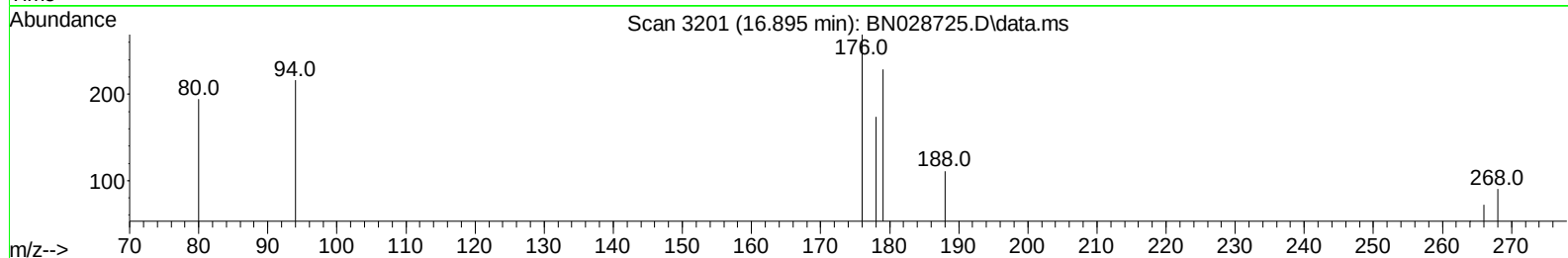
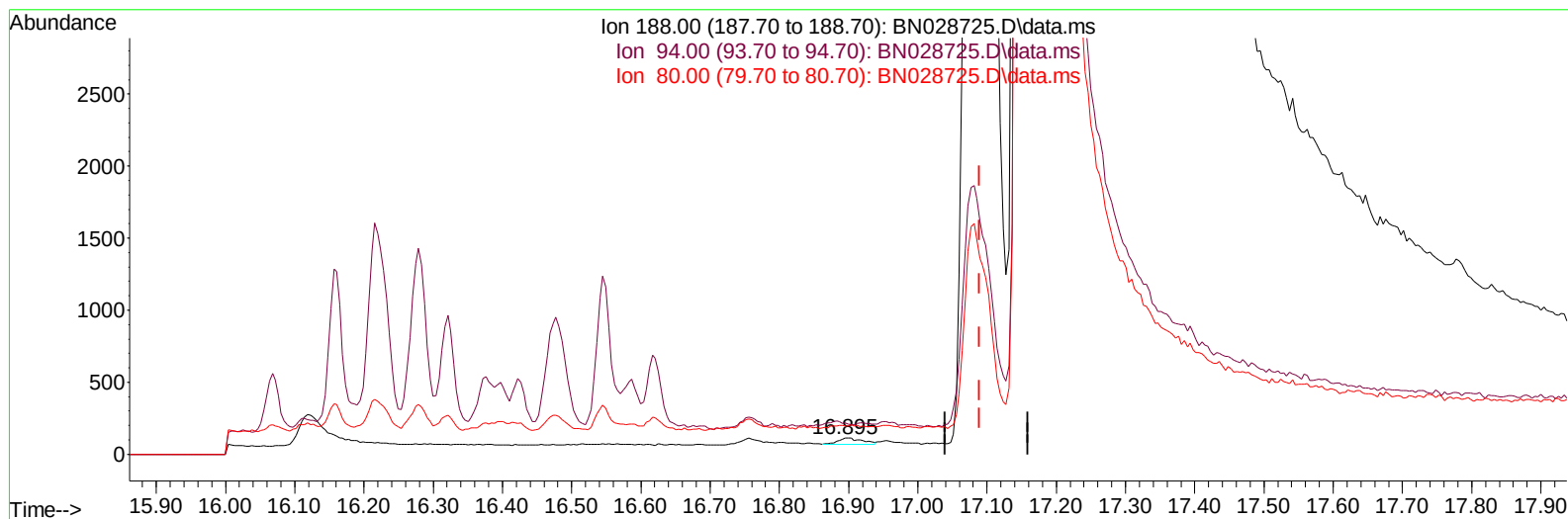
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028725.D
Acq On : 18 Nov 2023 06:19
Operator : MA/JU
Sample : 05369-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDN1

Manual IntegrationsAPPROVED

Quant Time: Nov 18 22:59:38 2023
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TIC: BN028725.D\data.ms

(13) Phenanthrene-d10 (I)

16.895min (-0.194) 0.40 ng/u1

response 101

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.10	194.59#
80.00	10.90	174.77#
0.00	0.00	0.00

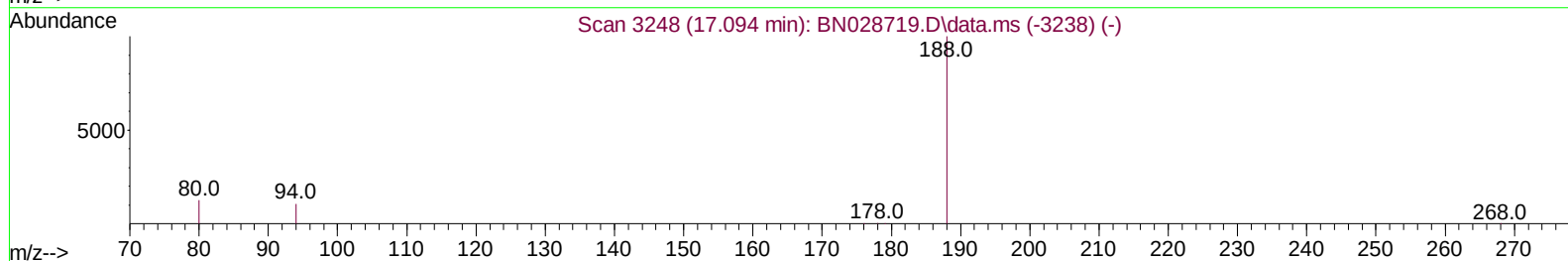
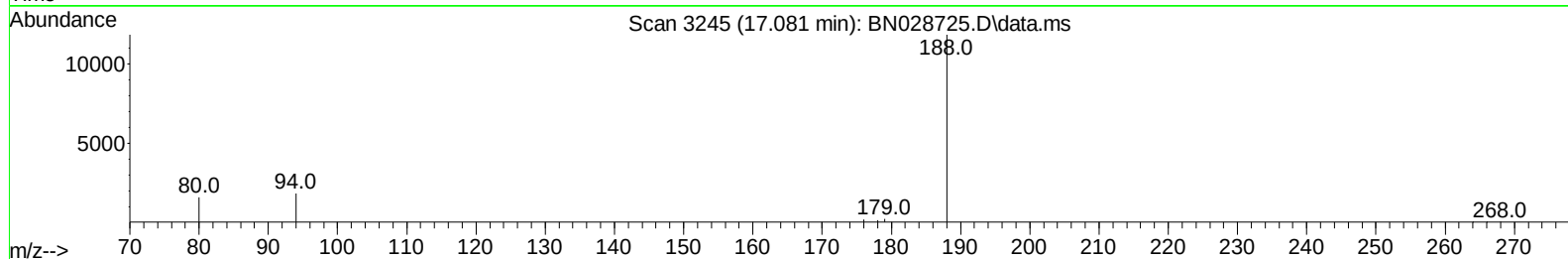
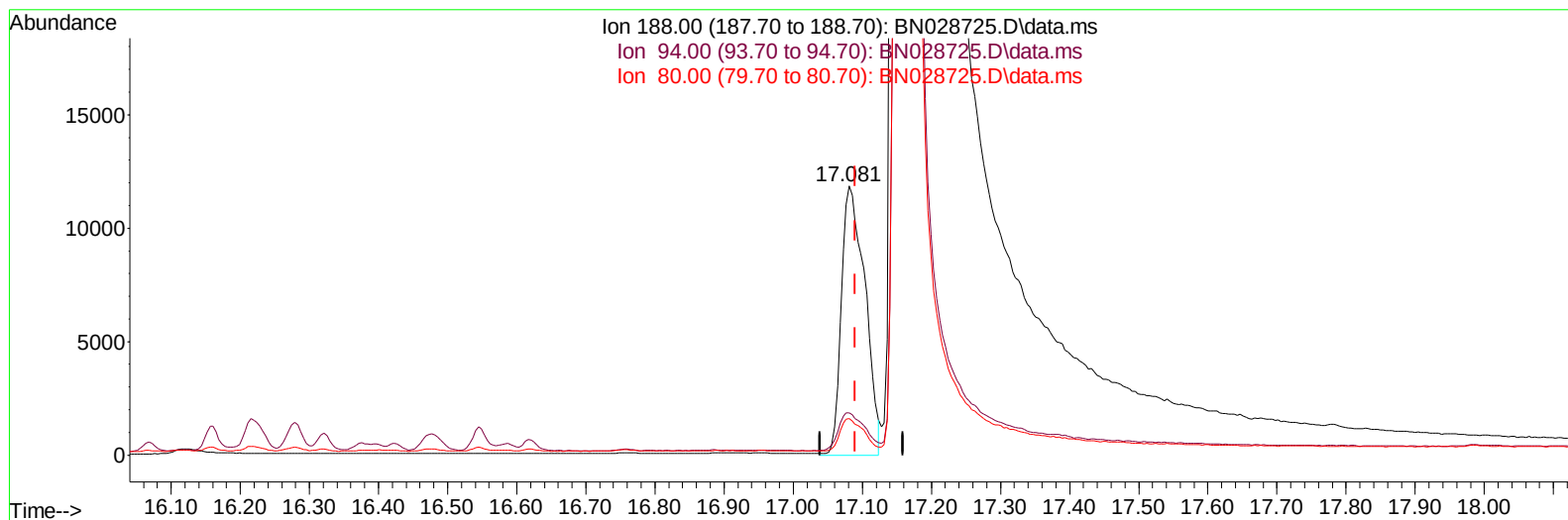
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 Data File : BN028725.D
 Acq On : 18 Nov 2023 06:19
 Operator : MA/JU
 Sample : 05369-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDN1

Manual IntegrationsAPPROVED

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TIC: BN028725.D\data.ms

(13) Phenanthrene-d10 (I)

17.081min (-0.008) 0.40 ng/ul m

response 28024

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.10	15.71#
80.00	10.90	13.52#
0.00	0.00	0.00

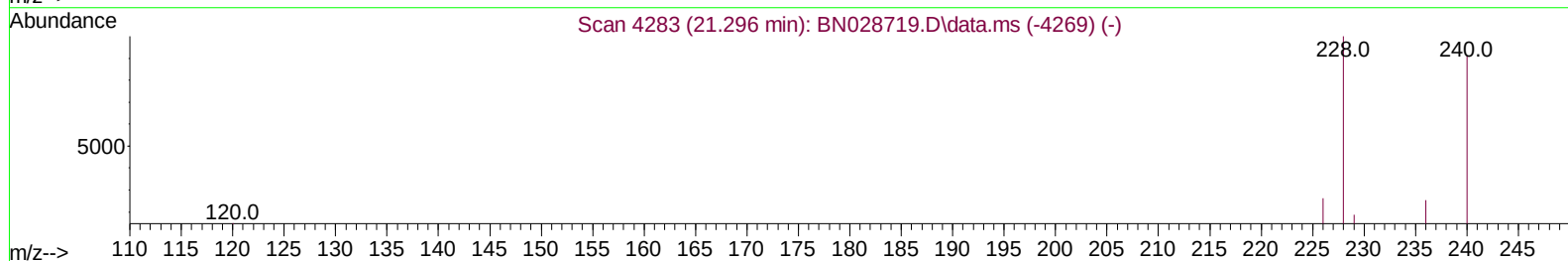
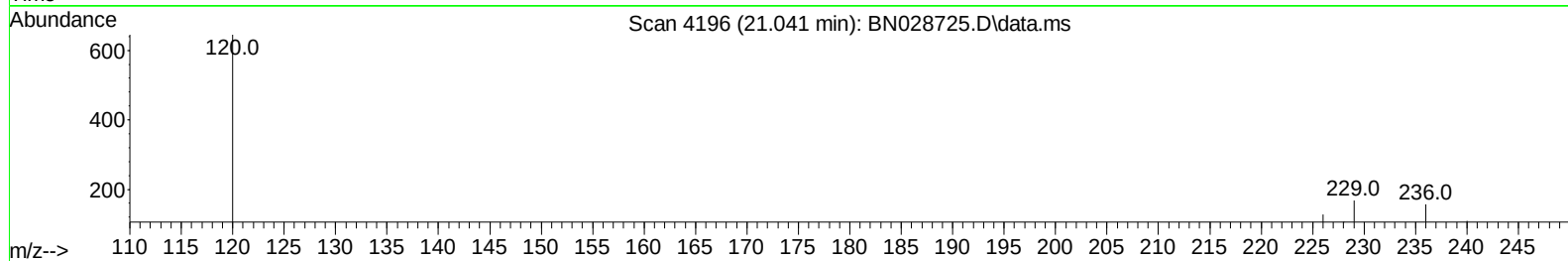
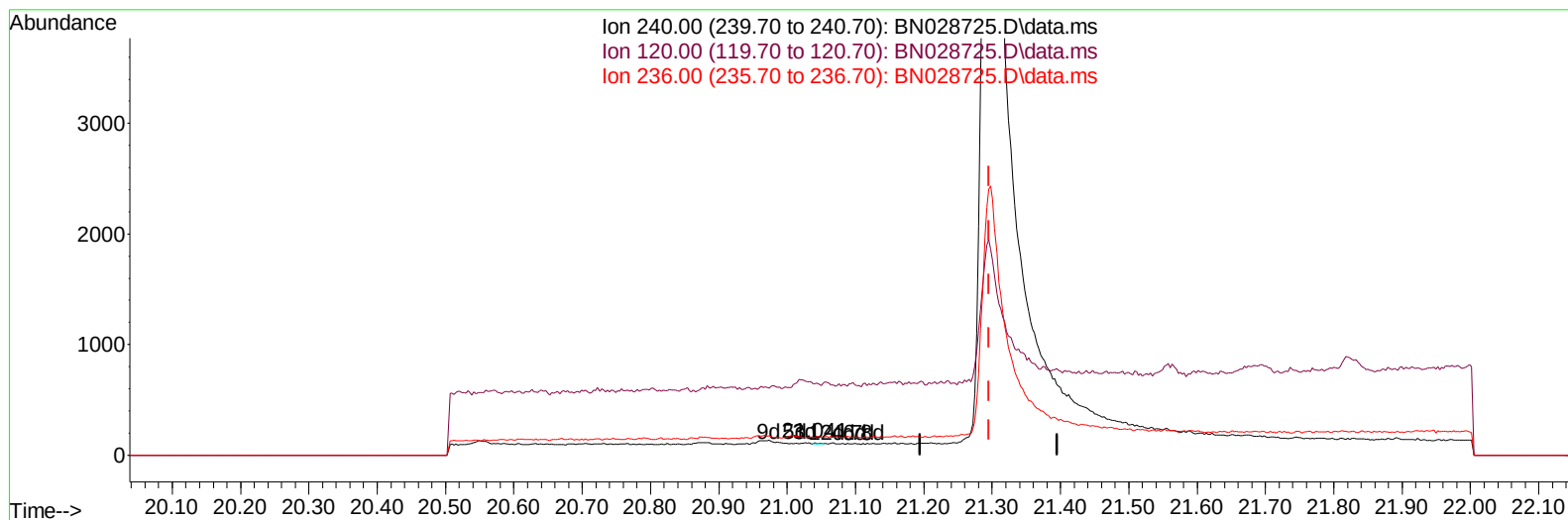
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028725.D
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 Operator : MA/JU
 Sample : 05369-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDN1

Manual IntegrationsAPPROVED

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TIC: BN028725.D\data.ms

(17) Chrysene-d12

21.041min (-0.255) 0.40 ng/u1

response 5

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.00	586.36#
236.00	28.00	143.64#
0.00	0.00	0.00

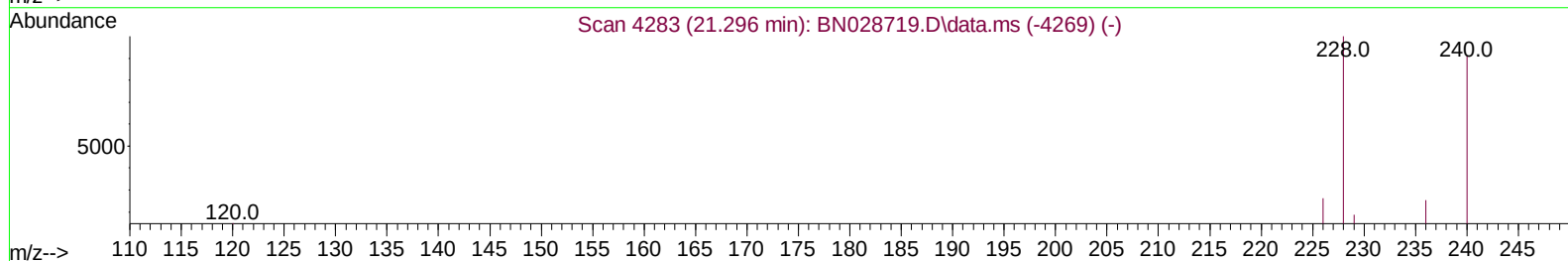
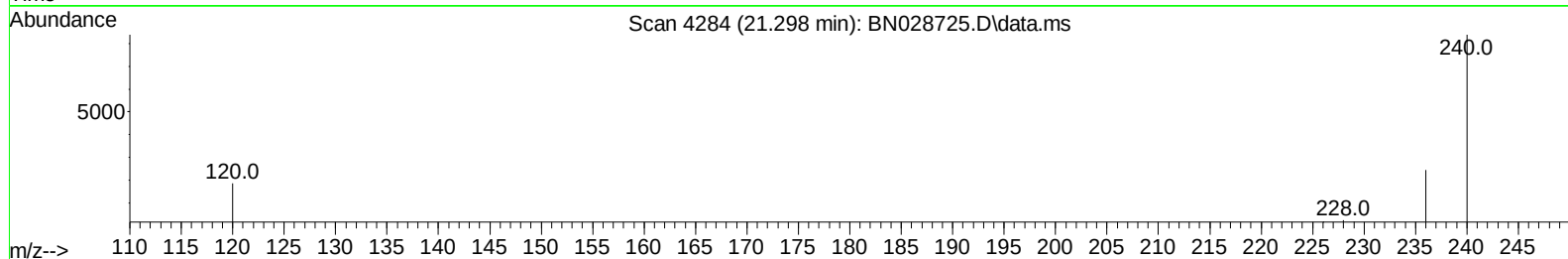
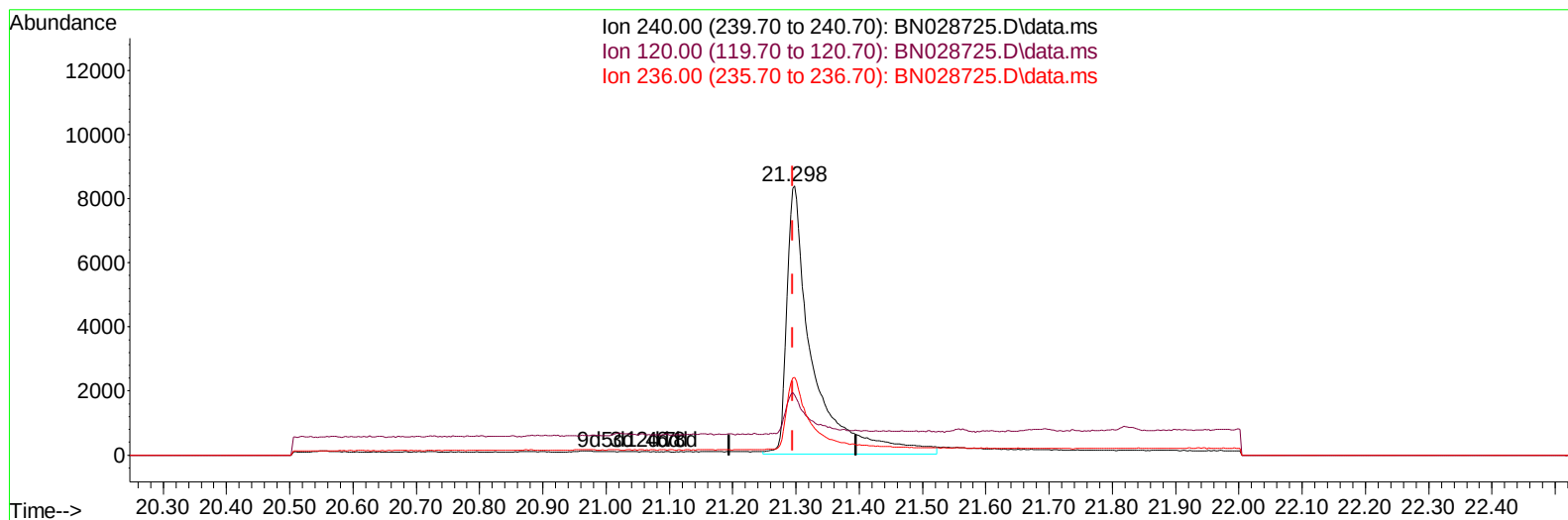
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028725.D
Acq On : 18 Nov 2023 06:19
Operator : MA/JU
Sample : 05369-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDN1

Manual IntegrationsAPPROVED

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 09:39:27 2023
Response via : Initial Calibration



TIC: BN028725.D\data.ms

(17) Chrysene-d12

21.298min (+ 0.003) 0.40 ng/ul m

response 23580

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.00	22.21#
236.00	28.00	28.98
0.00	0.00	0.00

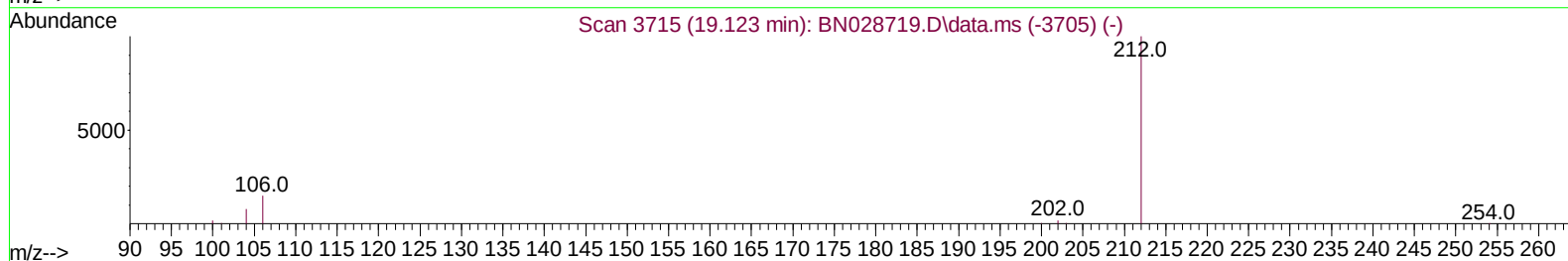
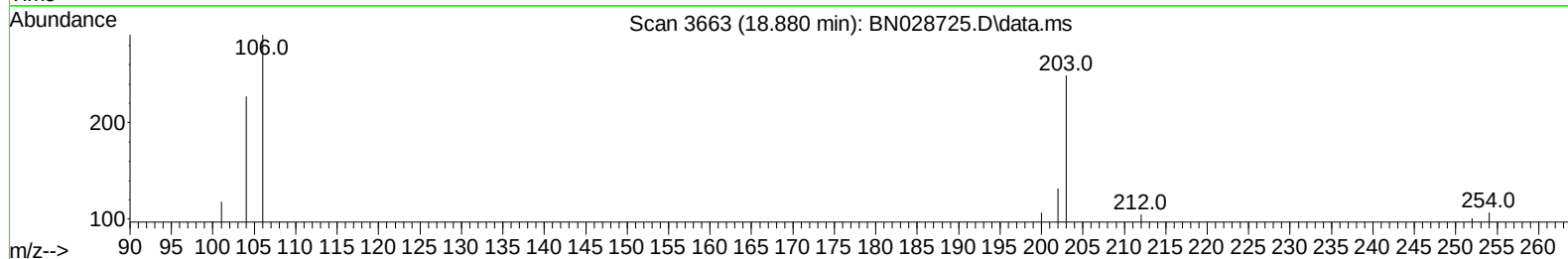
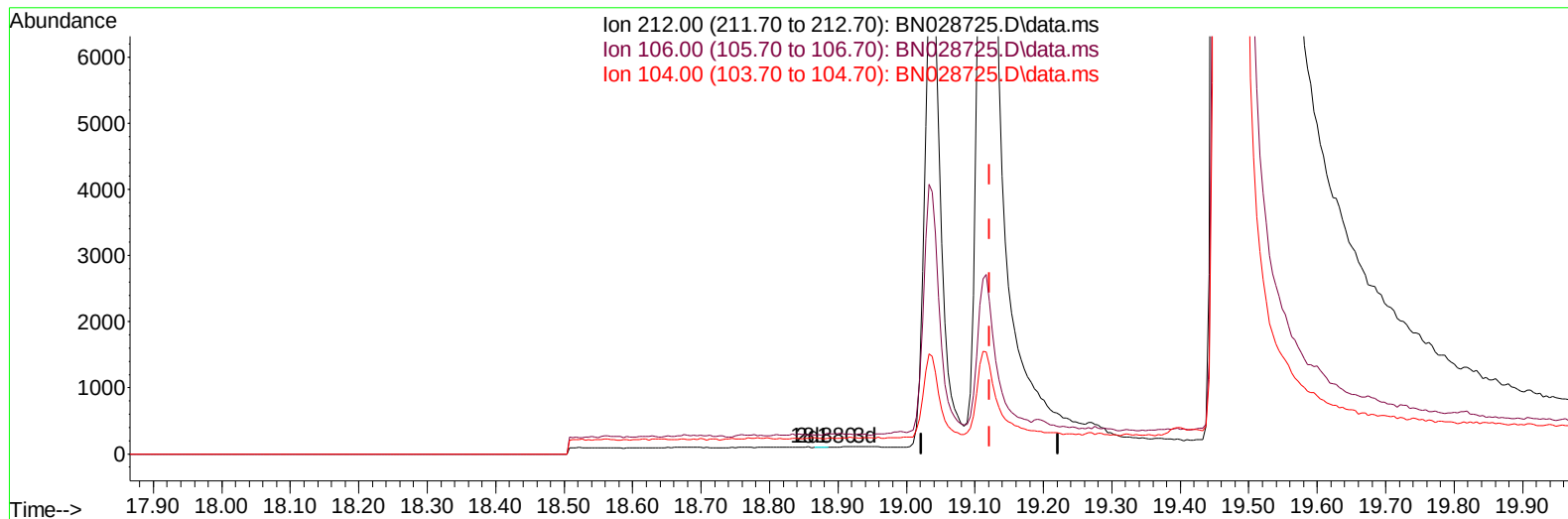
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028725.D
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Sample : 05369-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDN1

Manual IntegrationsAPPROVED

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TIC: BN028725.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.880min (-0.242) 0.00 ng/u1

response 4

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.80	650.00#
104.00	8.30	300.00#
0.00	0.00	0.00

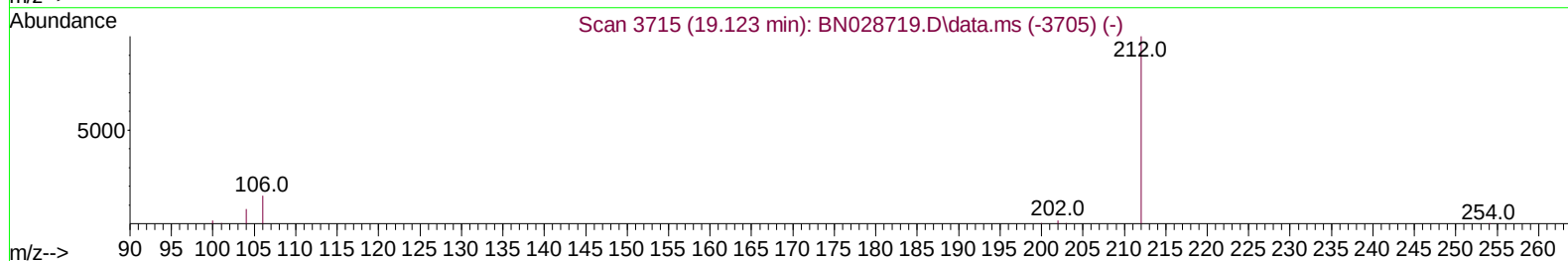
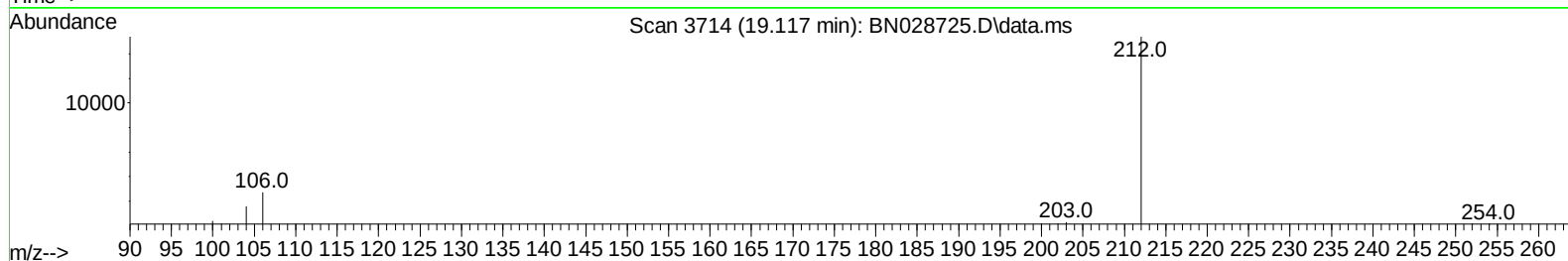
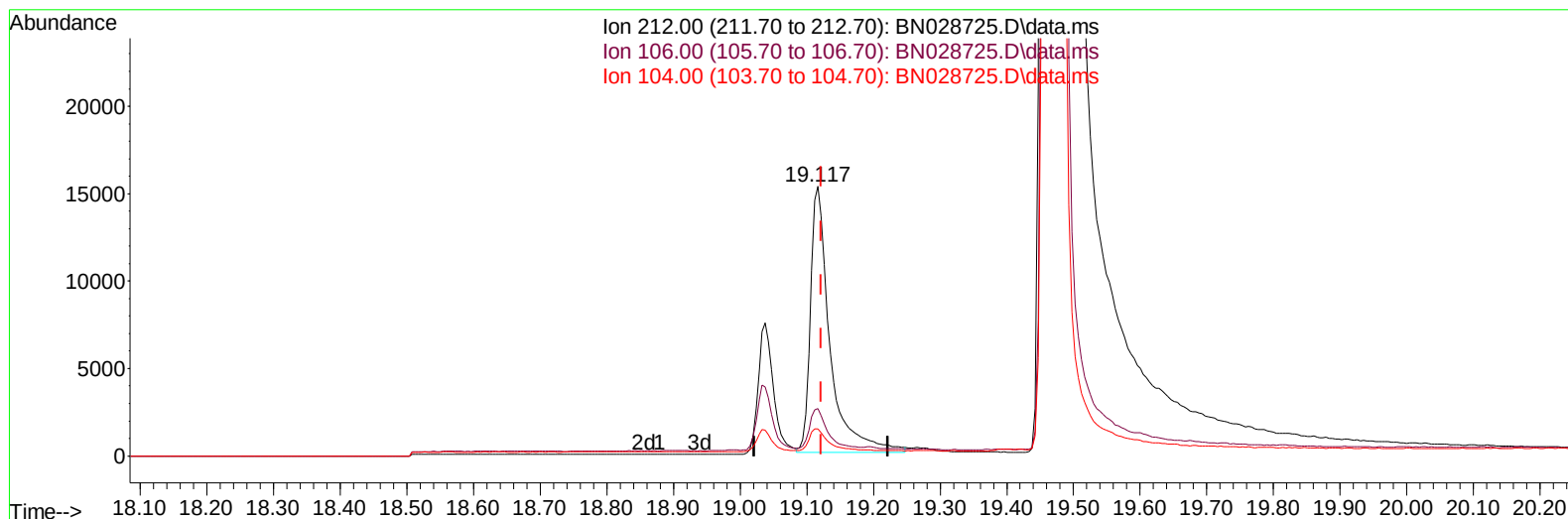
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028725.D
 Acq On : 18 Nov 2023 06:19
 Operator : MA/JU
 Sample : 05369-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDN1

Manual IntegrationsAPPROVED

Quant Time: Nov 18 22:59:38 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: BN028725.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.117min (-0.005) 0.41 ng/ul m

response 30930

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.80	0.08#
104.00	8.30	0.04#
0.00	0.00	0.00

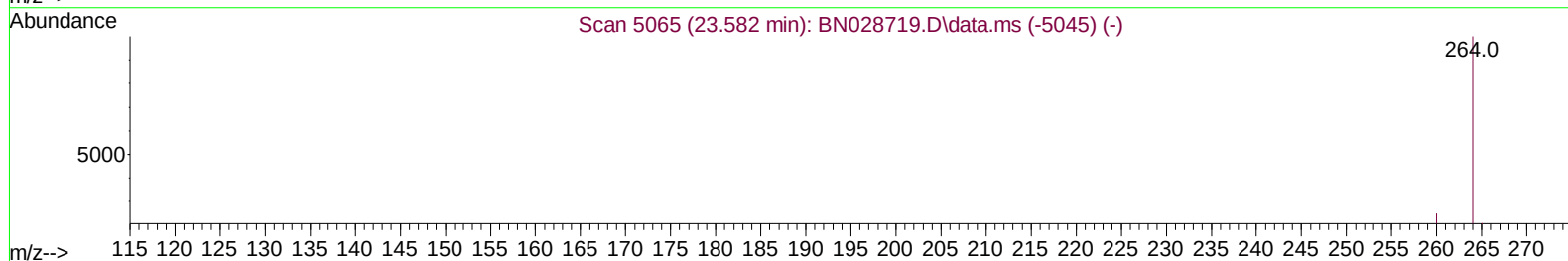
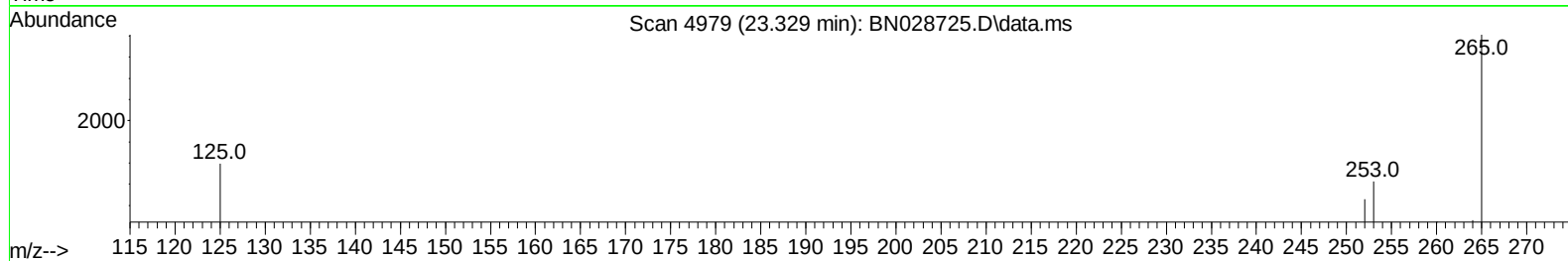
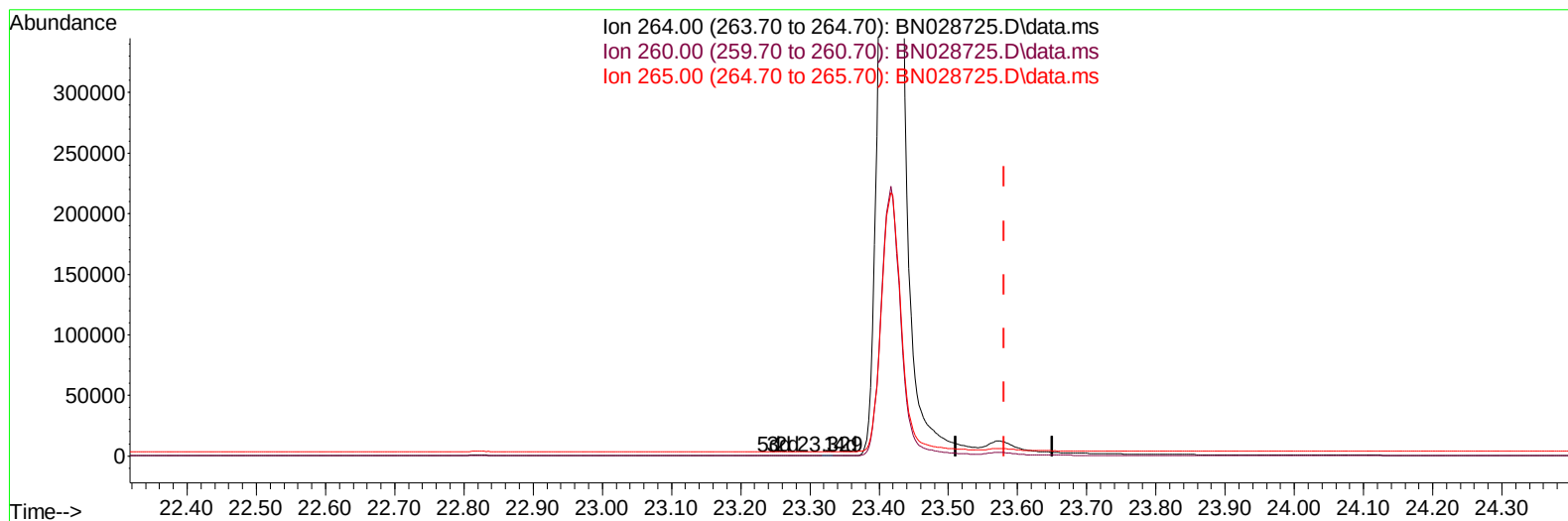
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
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 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
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TIC: BN028725.D\data.ms

(23) Perylene-d12 (I)

23.329min (-0.252) 0.40 ng/ul

response 7

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.40	66.67#
265.00	38.80	2876.98#
0.00	0.00	0.00

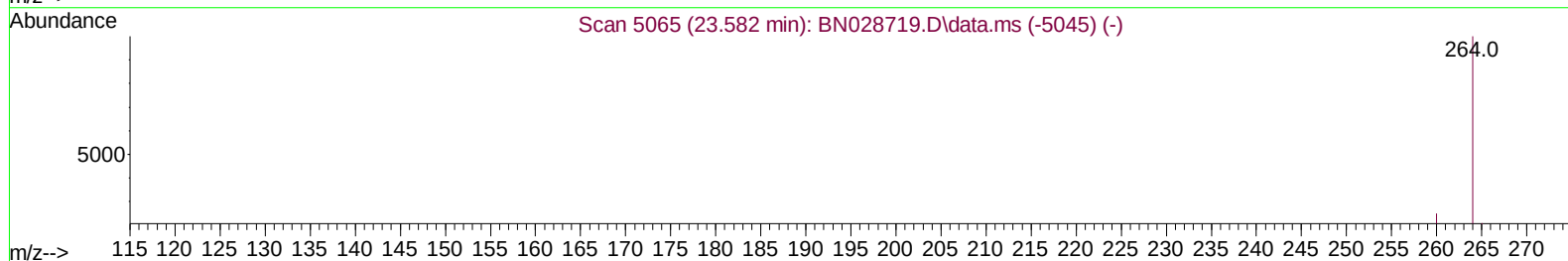
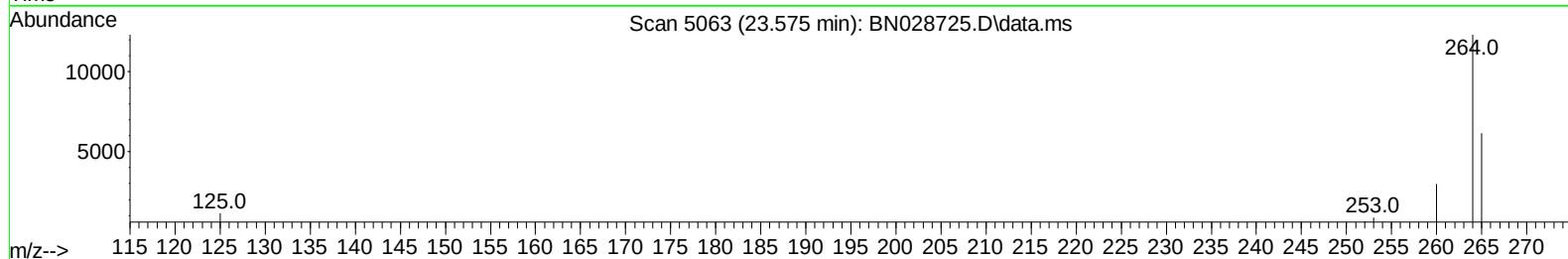
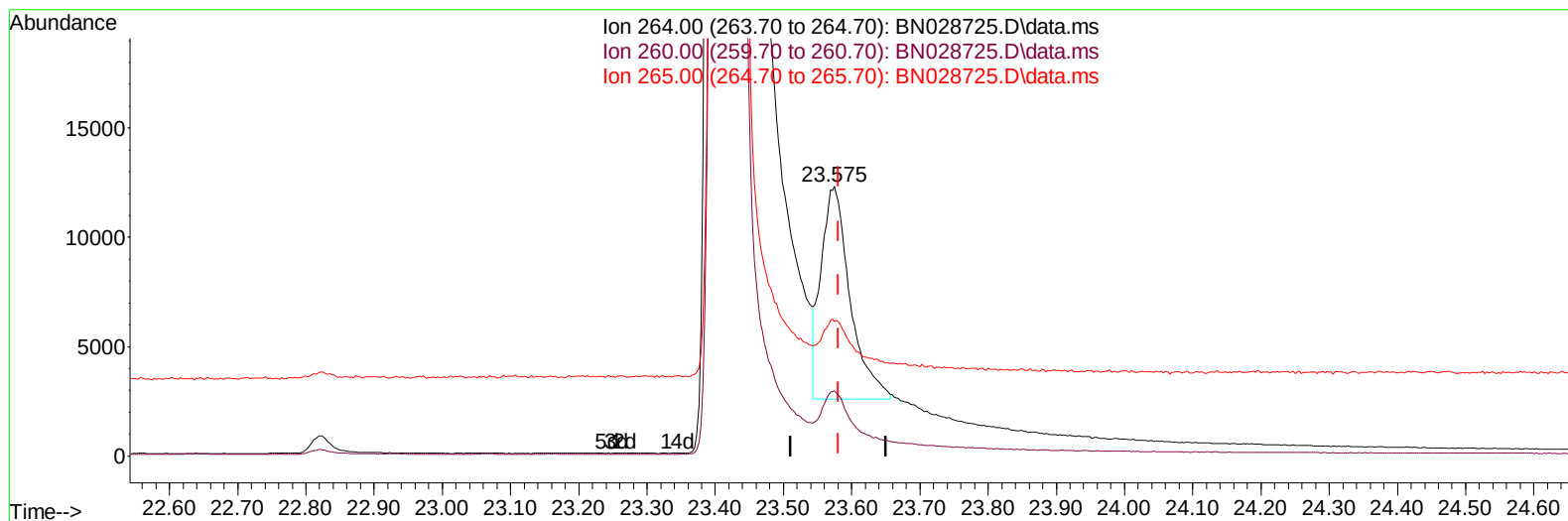
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
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 Operator : MA/JU
 Sample : 05369-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDN1

Manual IntegrationsAPPROVED

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TIC: BN028725.D\data.ms

(23) Perylene-d12 (I)

23.575min (-0.006) 0.40 ng/ul m

response 28753

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.40	24.19
265.00	38.80	49.85#
0.00	0.00	0.00

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 Operator : MA/JU
 Sample : 05369-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDN1

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	5936m	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.479	136	18646m	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.320	164	14507m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.081	188	28024m	0.400	ng/ul	0.00
17) Chrysene-d12	21.298	240	23580m	0.400	ng/ul	0.00
23) Perylene-d12	23.575	264	28753m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.116	96	32970	5.025	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.129	152	6706m	0.239	ng/ul	0.02
18) Fluoranthene-d10	19.117	212	30930m	0.408	ng/ul	0.00

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

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