

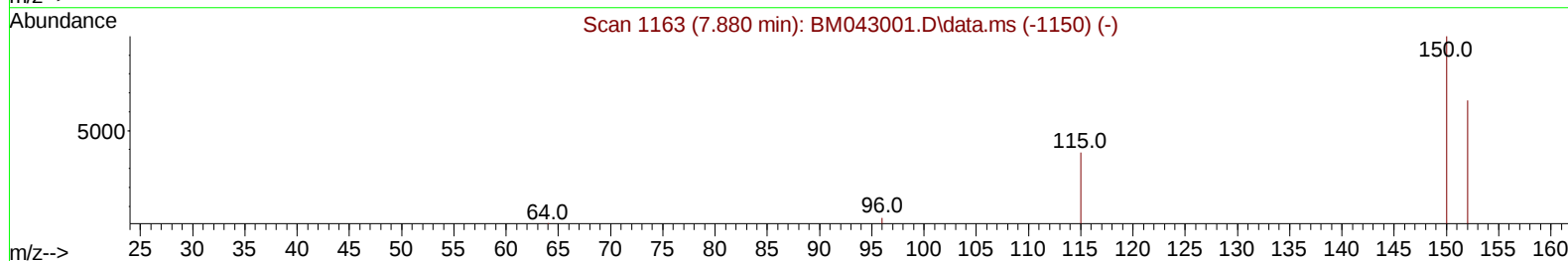
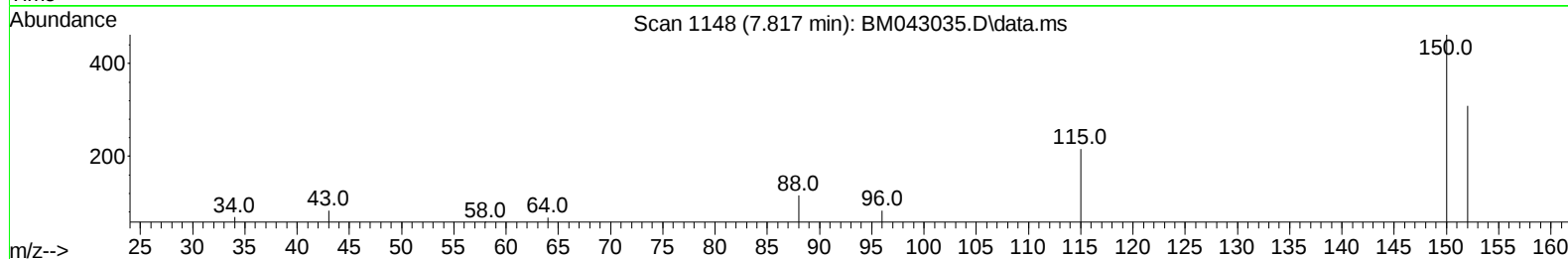
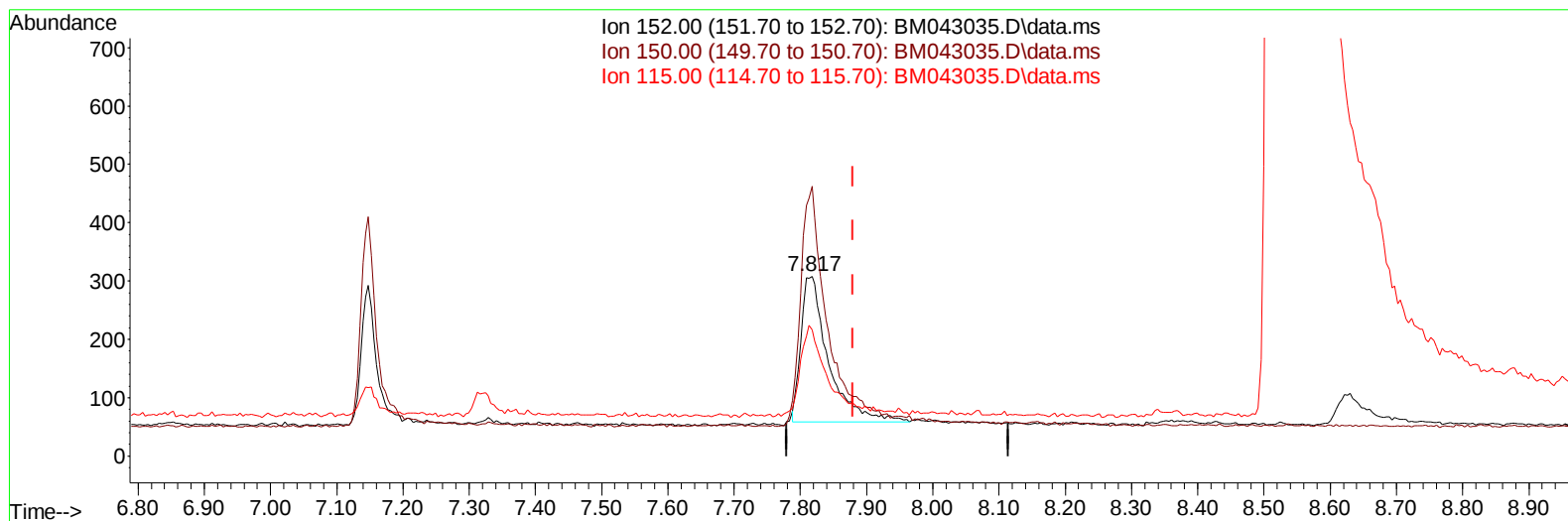
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043035.D
Acq On : 26 Nov 2023 03:43
Operator : MA/JU
Sample : 05336-08
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCKC6

Manual IntegrationsAPPROVED

Quant Time: Nov 27 02:45:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 02:36:19 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



TIC: BM043035.D\data.ms

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

7.817min (-0.063) 0.40 ng/u1

response 713

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	150.00#
115.00	89.60	70.13#
0.00	0.00	0.00

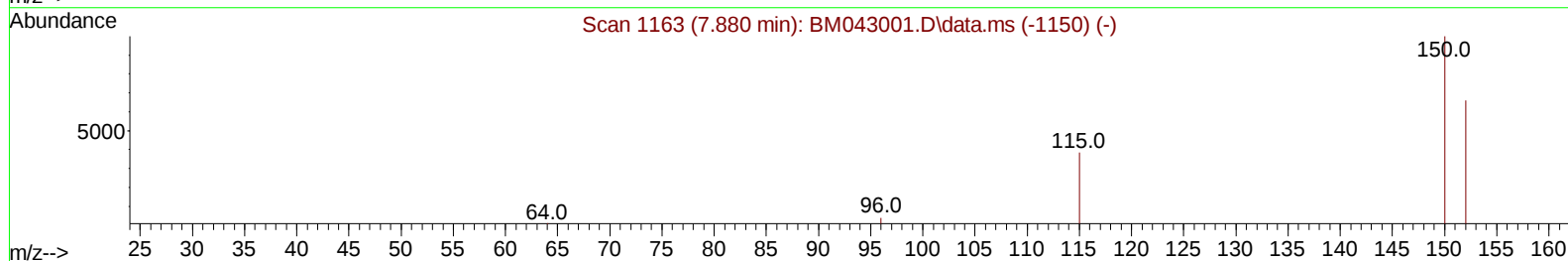
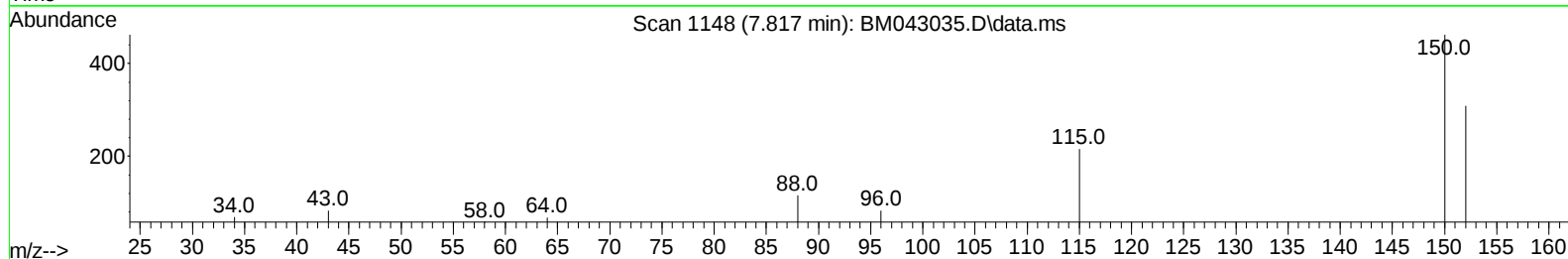
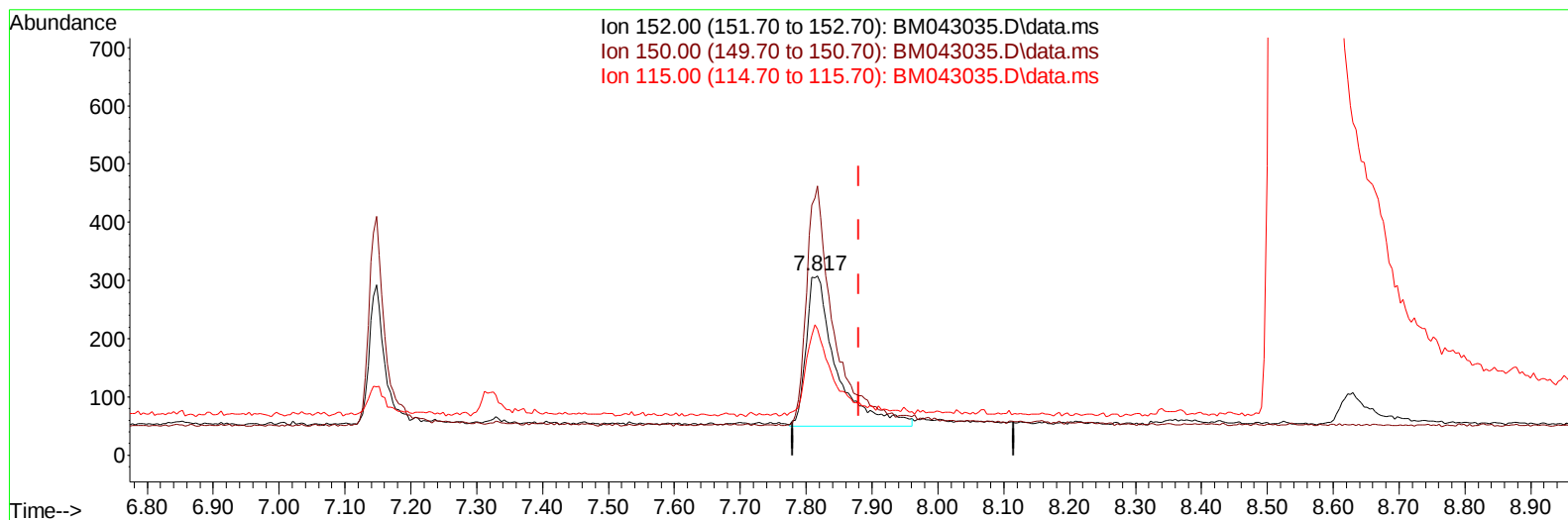
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043035.D
Acq On : 26 Nov 2023 03:43
Operator : MA/JU
Sample : 05336-08
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_M
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TIC: BM043035.D\data.ms

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

7.817min (-0.063) 0.40 ng/ul m

response 818

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	150.00#
115.00	89.60	70.13#
0.00	0.00	0.00

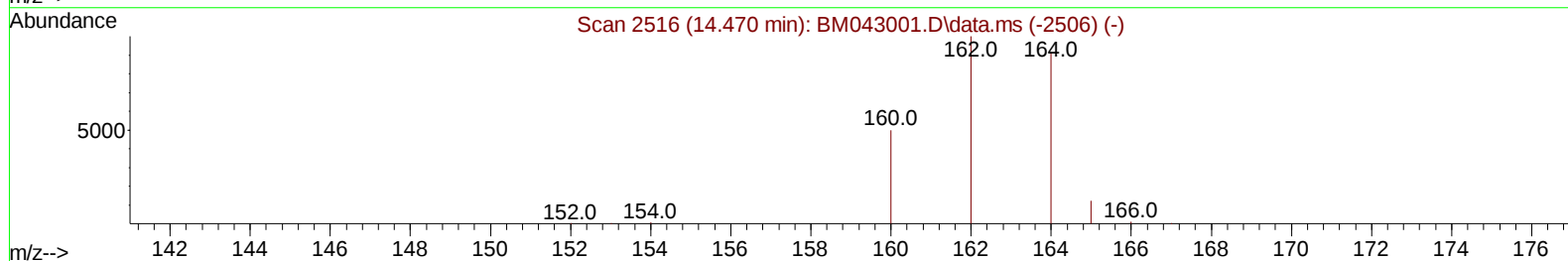
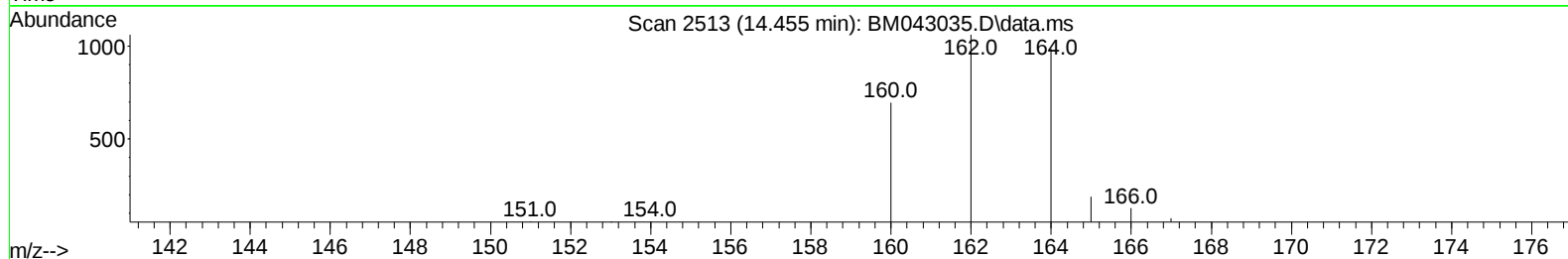
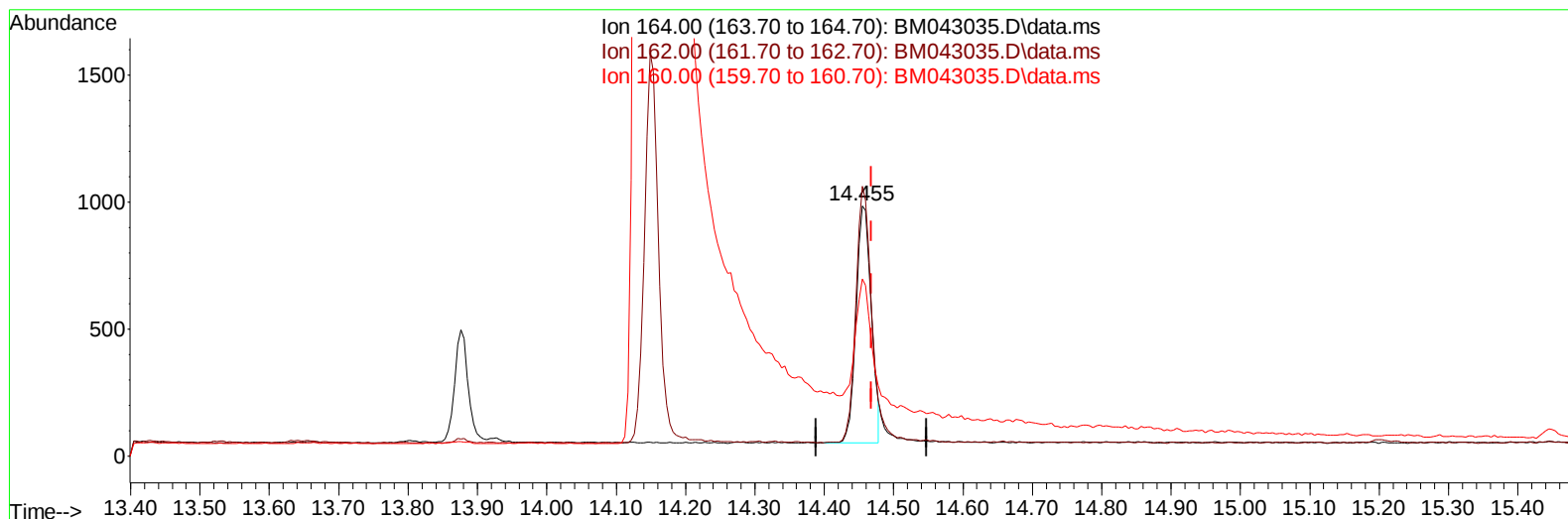
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043035.D
Acq On : 26 Nov 2023 03:43
Operator : MA/JU
Sample : 05336-08
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCKC6

Manual IntegrationsAPPROVED

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TIC: BM043035.D\data.ms

(9) Acenaphthene-d10 (I)

14.455min (-0.014) 0.40 ng/u1

response 1436

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	107.72
160.00	57.20	70.66#
0.00	0.00	0.00

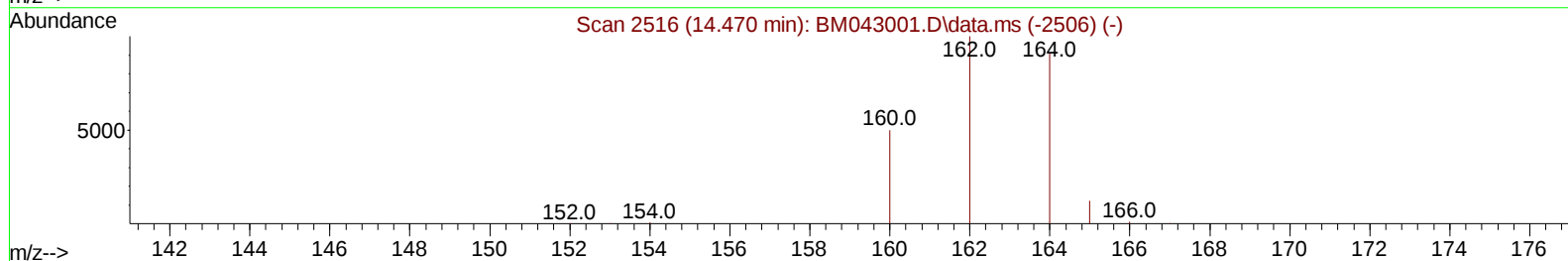
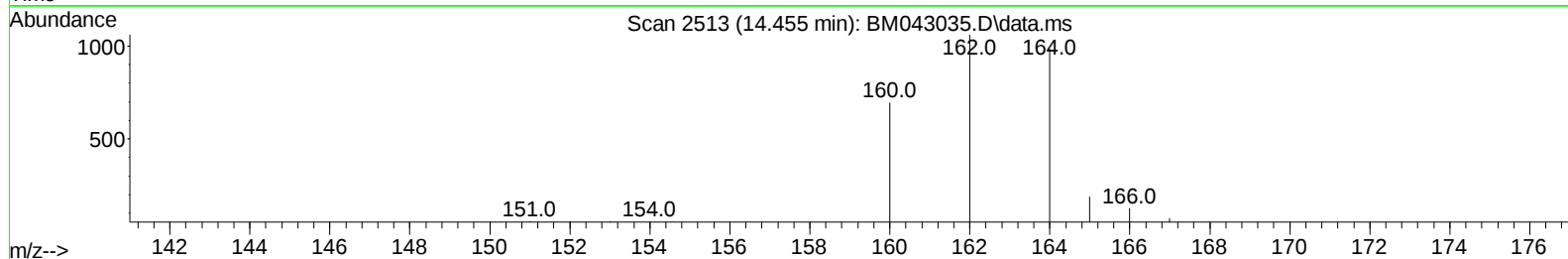
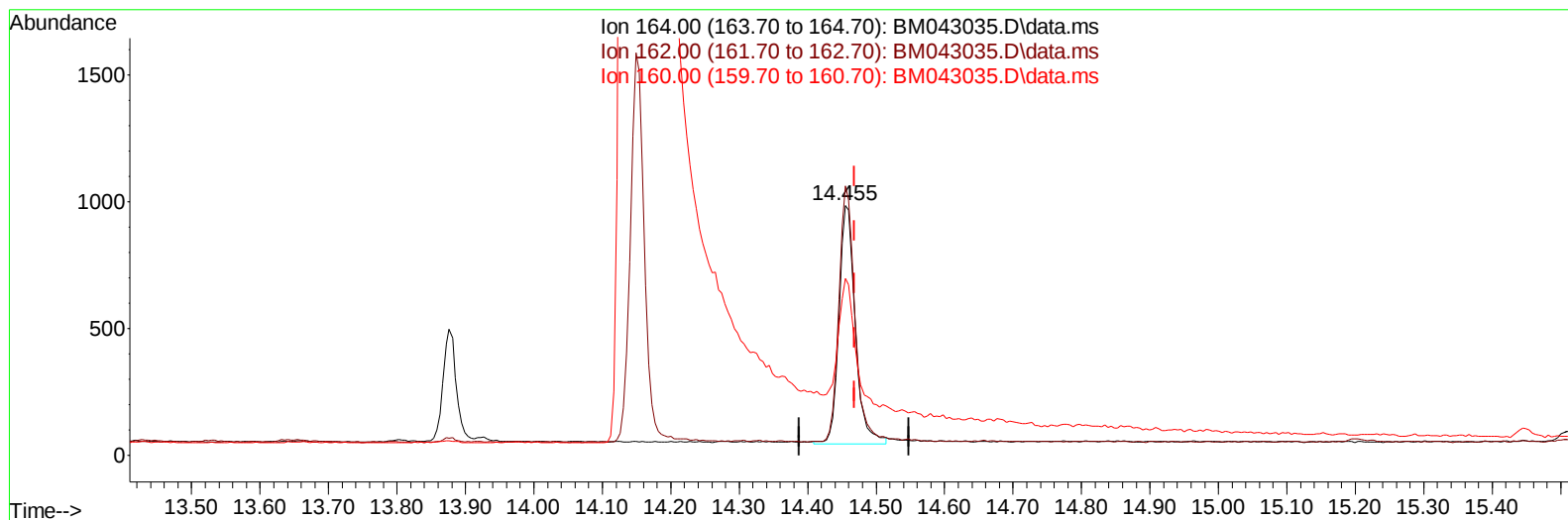
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043035.D
Acq On : 26 Nov 2023 03:43
Operator : MA/JU
Sample : 05336-08
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCKC6

Manual IntegrationsAPPROVED

Quant Time: Nov 27 02:45:57 2023
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QLast Update : Mon Nov 27 02:36:19 2023
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Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



TIC: BM043035.D\data.ms

(9) Acenaphthene-d10 (I)

14.455min (-0.014) 0.40 ng/ul m

response 1566

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	107.72
160.00	57.20	70.66#
0.00	0.00	0.00

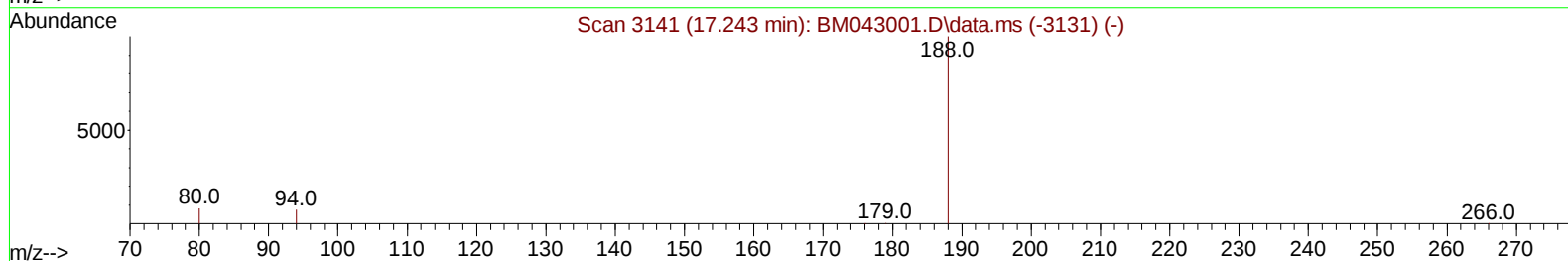
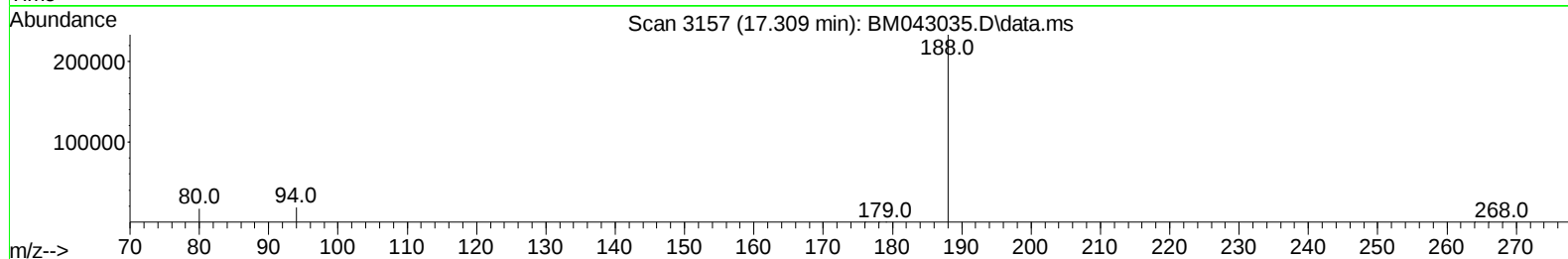
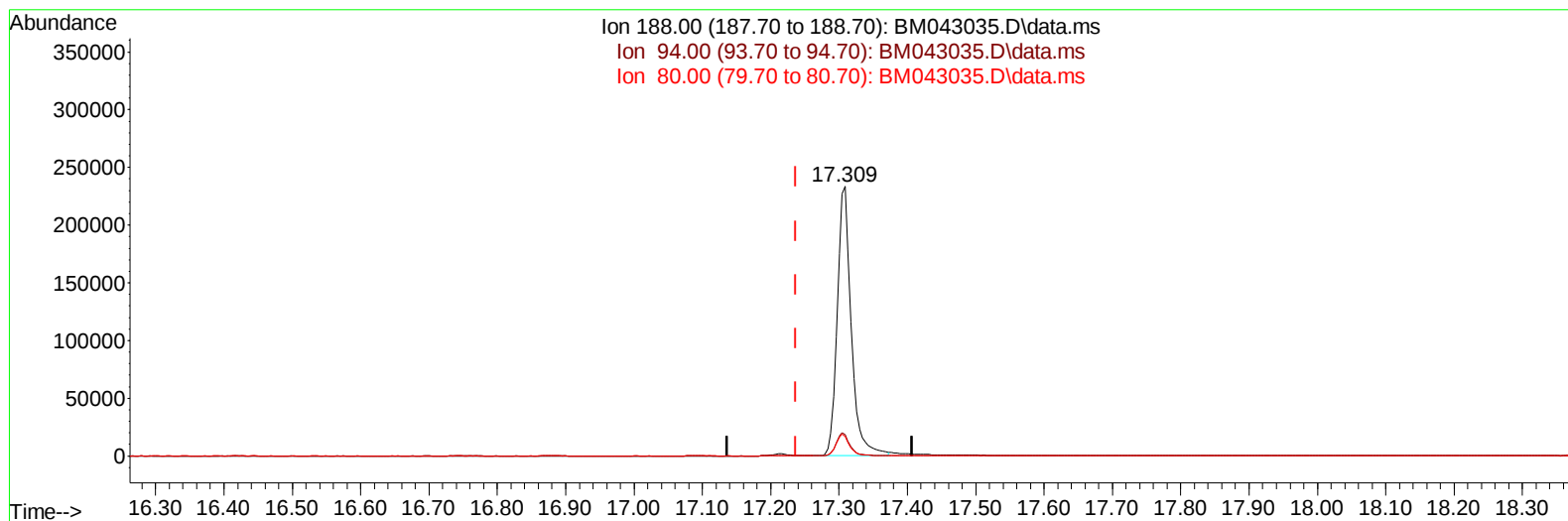
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043035.D
Acq On : 26 Nov 2023 03:43
Operator : MA/JU
Sample : 05336-08
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCKC6

Manual IntegrationsAPPROVED

Quant Time: Nov 27 02:45:57 2023
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TIC: BM043035.D\data.ms

(13) Phenanthrene-d10 (I)

17.309min (+ 0.072) 0.40 ng/u1

response 332006

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.40	7.92#
80.00	12.70	7.25#
0.00	0.00	0.00

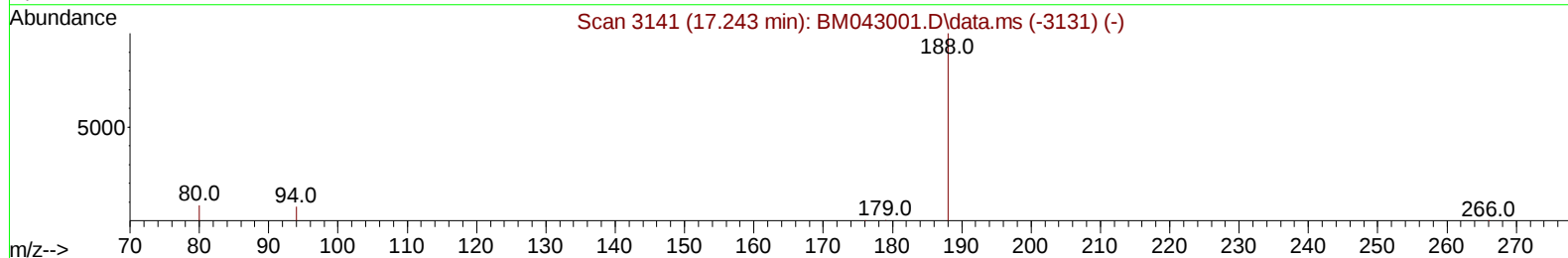
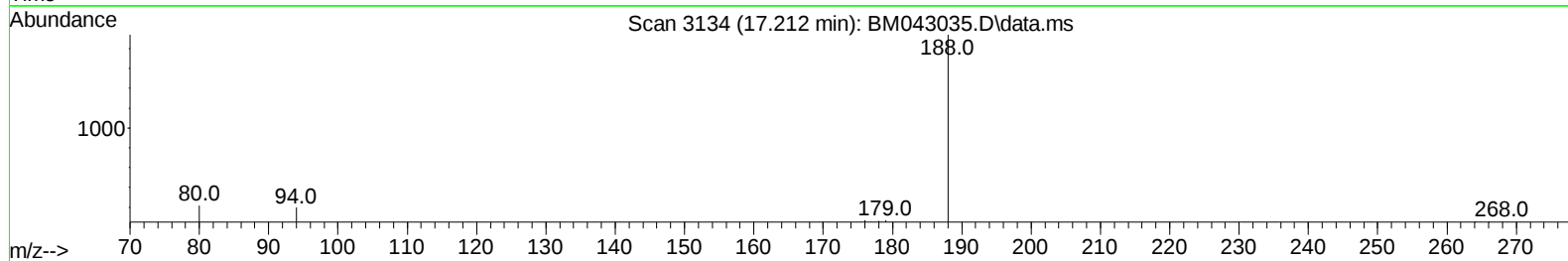
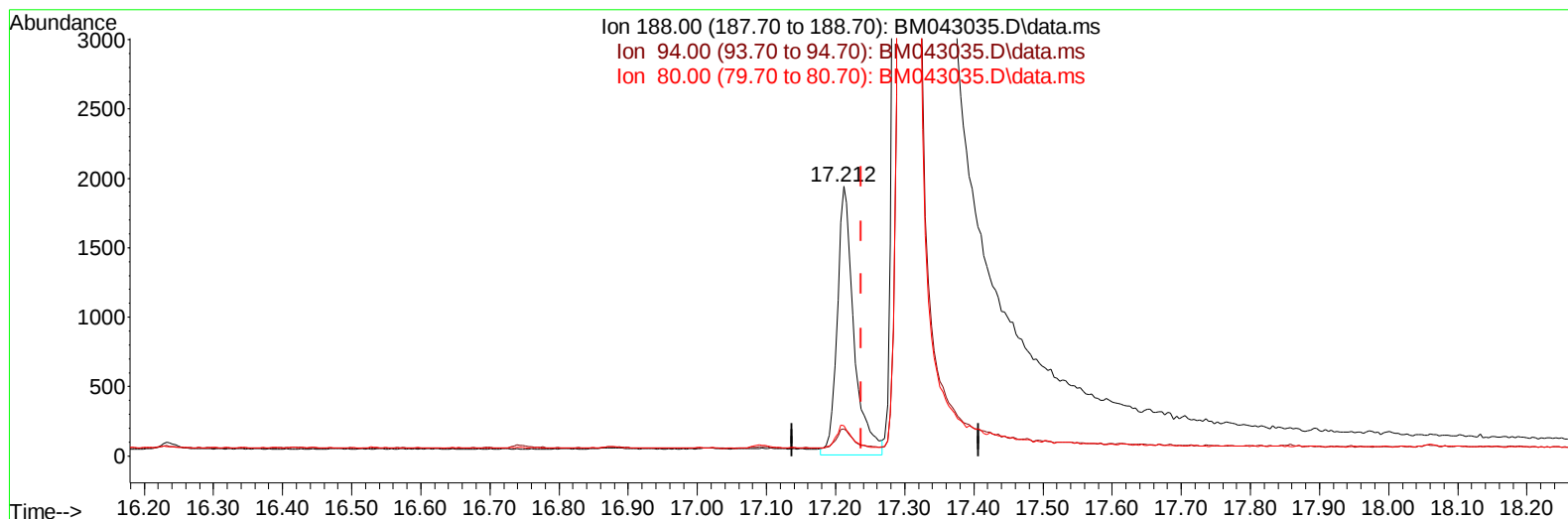
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043035.D
Acq On : 26 Nov 2023 03:43
Operator : MA/JU
Sample : 05336-08
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCKC6

Manual IntegrationsAPPROVED

Quant Time: Nov 27 02:45:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 02:36:19 2023
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Supervised By :mohammad ahmed 11/28/2023



TIC: BM043035.D\data.ms

(13) Phenanthrene-d10 (I)

17.212min (-0.025) 0.40 ng/ul m

response 3232

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.40	10.05
80.00	12.70	11.18
0.00	0.00	0.00

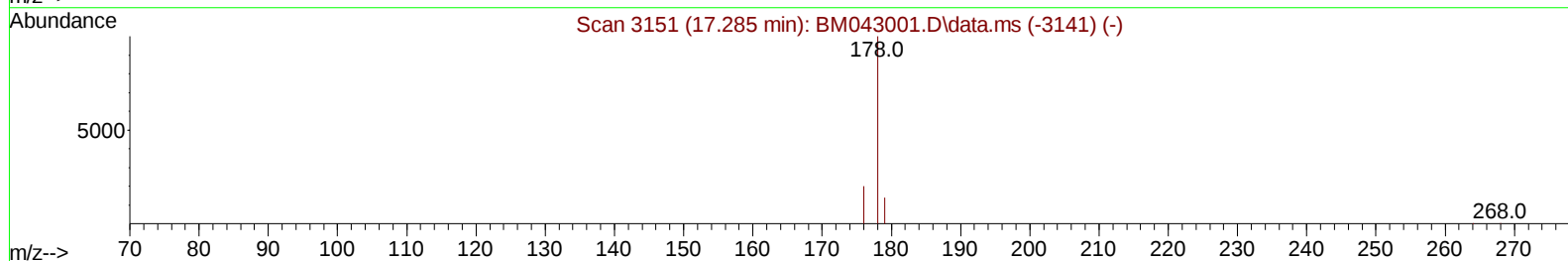
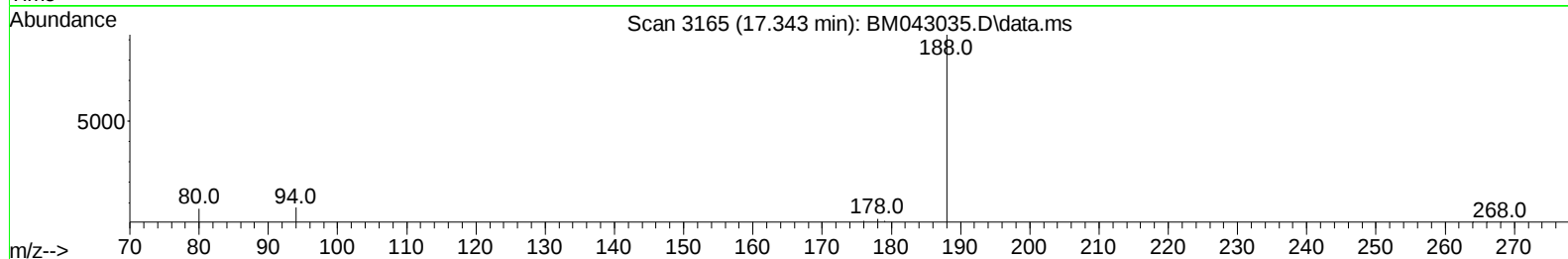
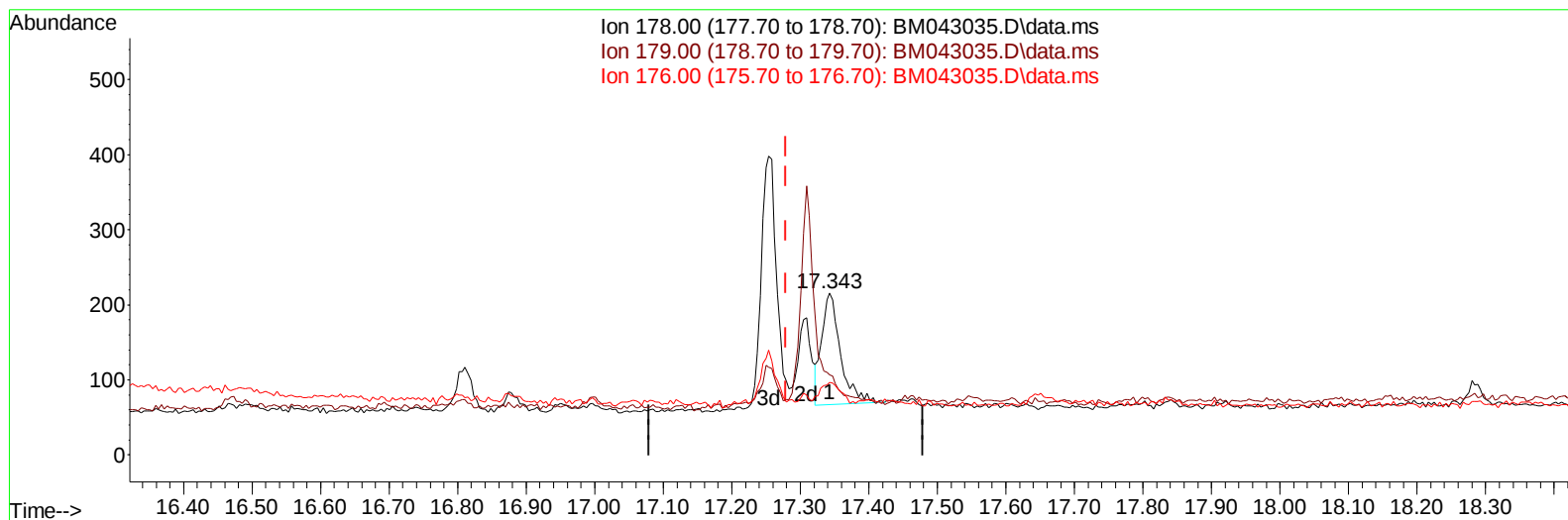
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
 Data File : BM043035.D
 Acq On : 26 Nov 2023 03:43
 Operator : MA/JU
 Sample : 05336-08
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKC6

Manual IntegrationsAPPROVED

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TIC: BM043035.D\data.ms

(15) Phenanthrene

17.343min (+ 0.064) 0.03 ng/u1

response 284

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	19.60	49.54#
176.00	23.60	44.91#
0.00	0.00	0.00

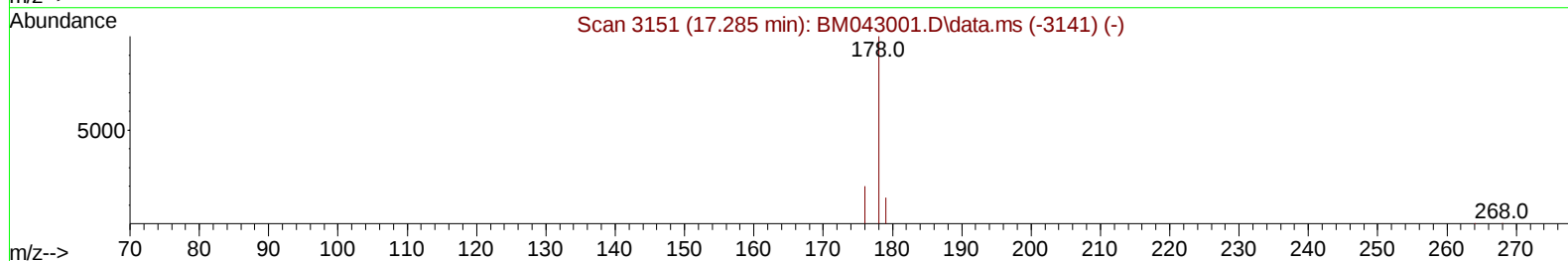
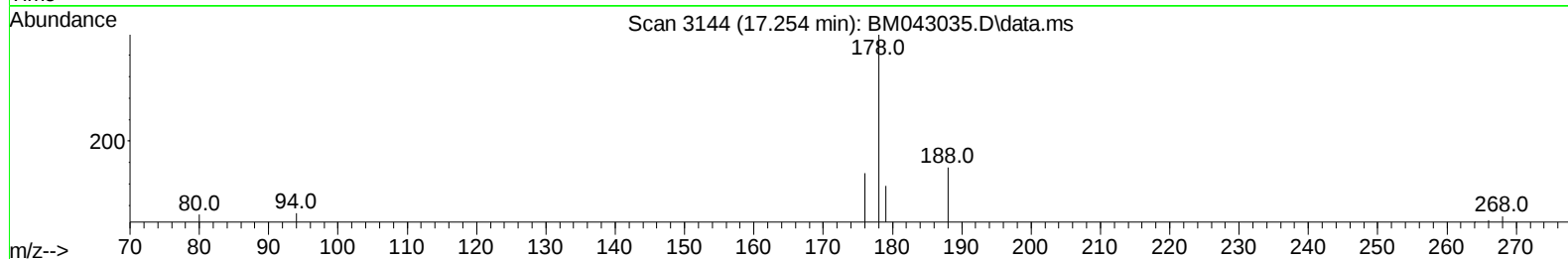
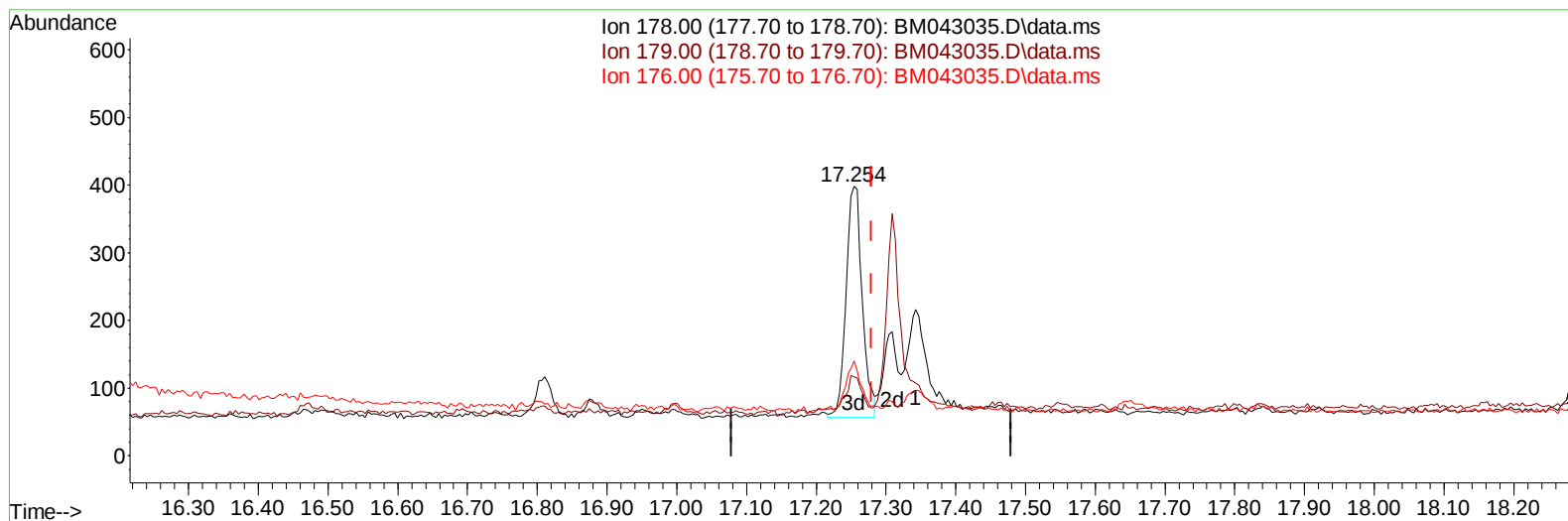
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
 Data File : BM043035.D
 Acq On : 26 Nov 2023 03:43
 Operator : MA/JU
 Sample : 05336-08
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKC6

Manual IntegrationsAPPROVED

Quant Time: Nov 27 02:45:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
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Reviewed By :Yogesh Patel 11/28/2023
 Supervised By :mohammad ahmed 11/28/2023



TIC: BM043035.D\data.ms

(15) Phenanthrene

17.254min (-0.025) 0.06 ng/ul m

response 549

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	19.60	29.40#
176.00	23.60	35.18#
0.00	0.00	0.00

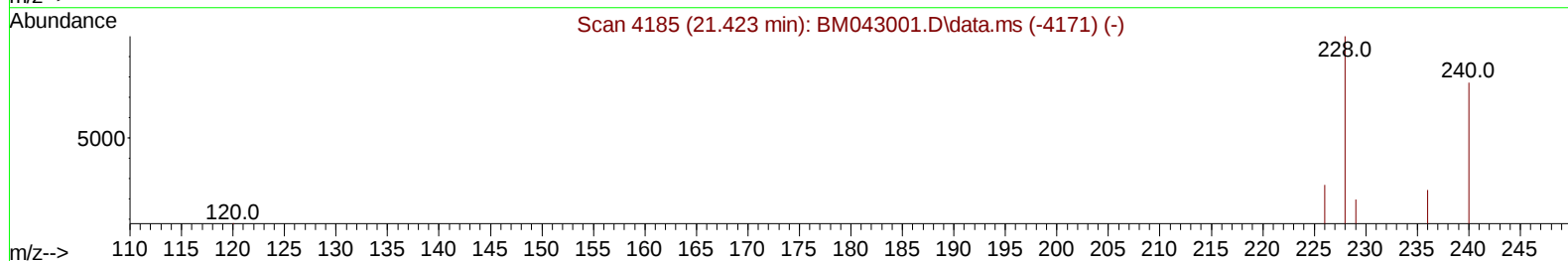
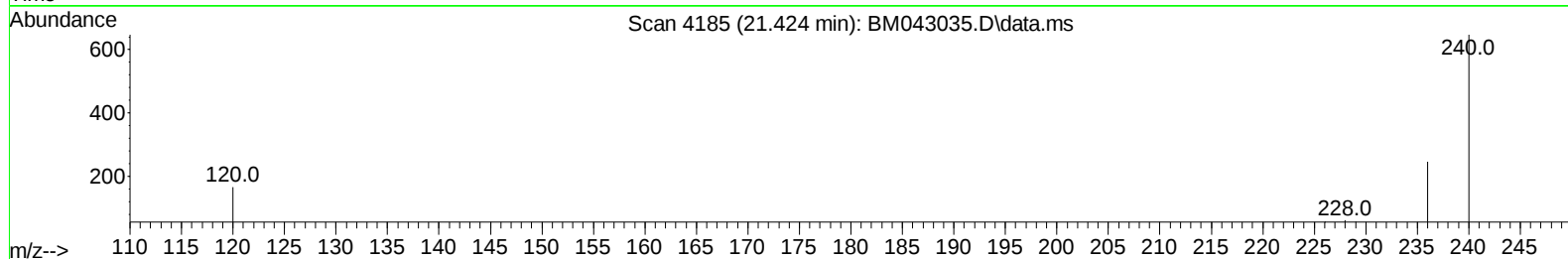
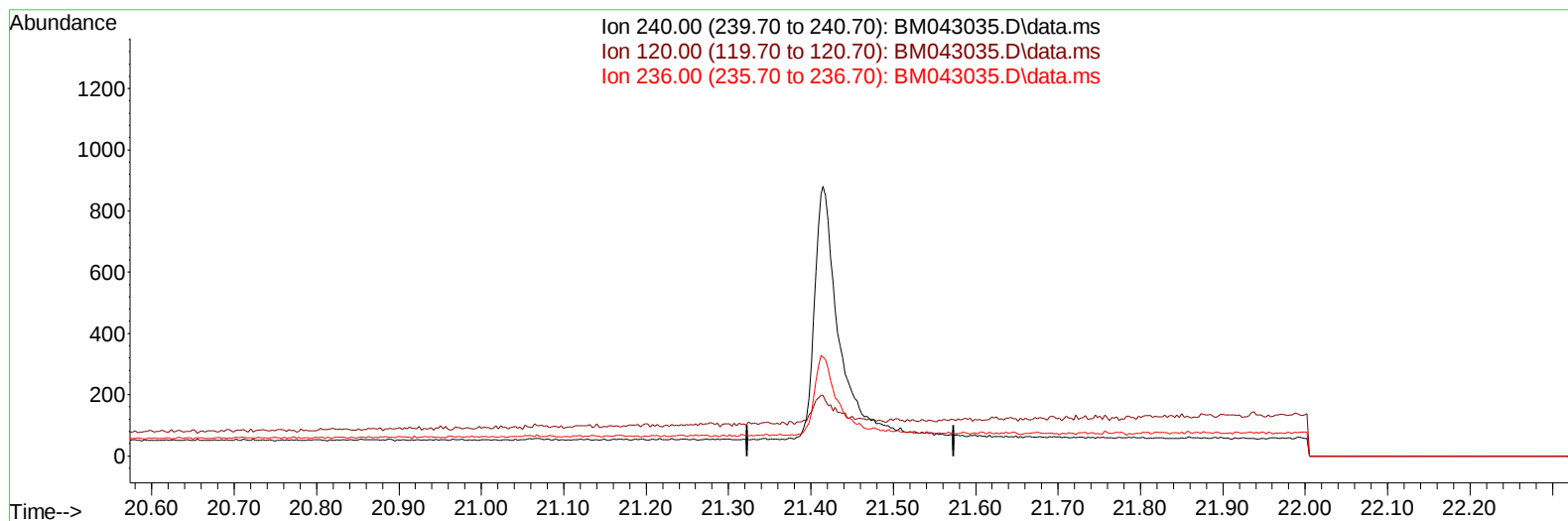
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
 Data File : BM043035.D
 Acq On : 26 Nov 2023 03:43
 Operator : MA/JU
 Sample : 05336-08
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKC6

Manual IntegrationsAPPROVED

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TIC: BM043035.D\data.ms

(17) Chrysene-d12

21.424min (-21.424) 0.00 ng/u1

response 0

Ion	Exp%	Act%
240.00	100.00	0.00
120.00	22.80	0.00#
236.00	38.50	0.00#
0.00	0.00	0.00

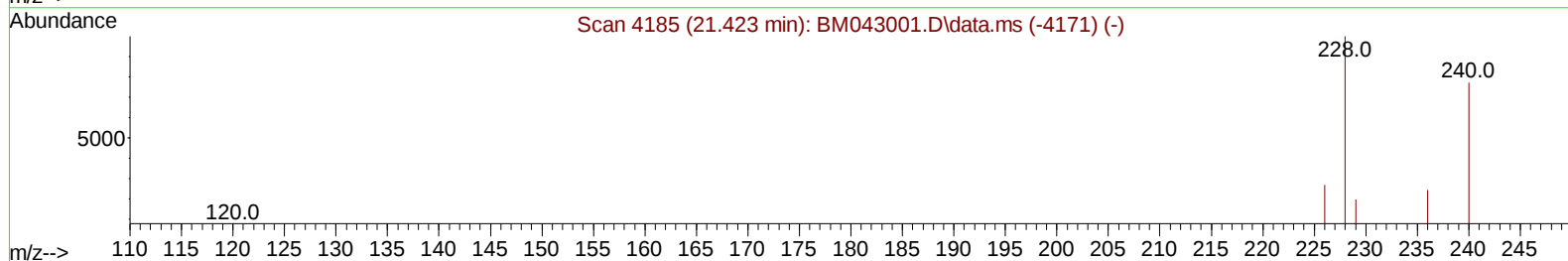
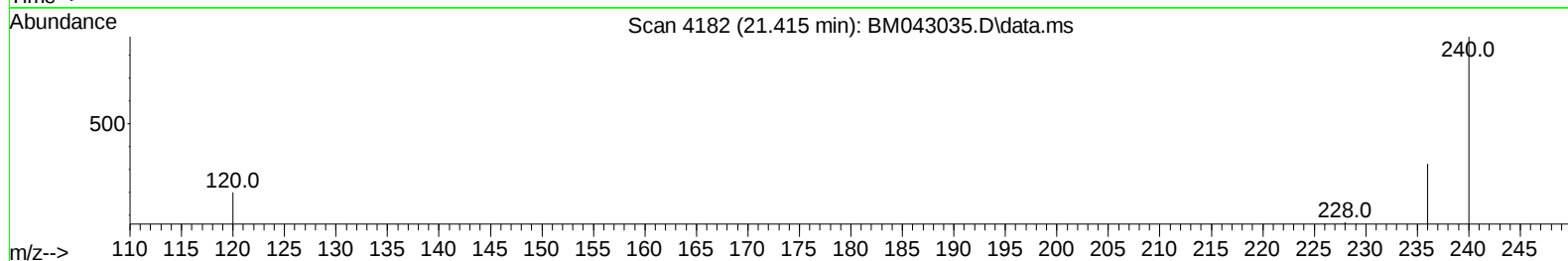
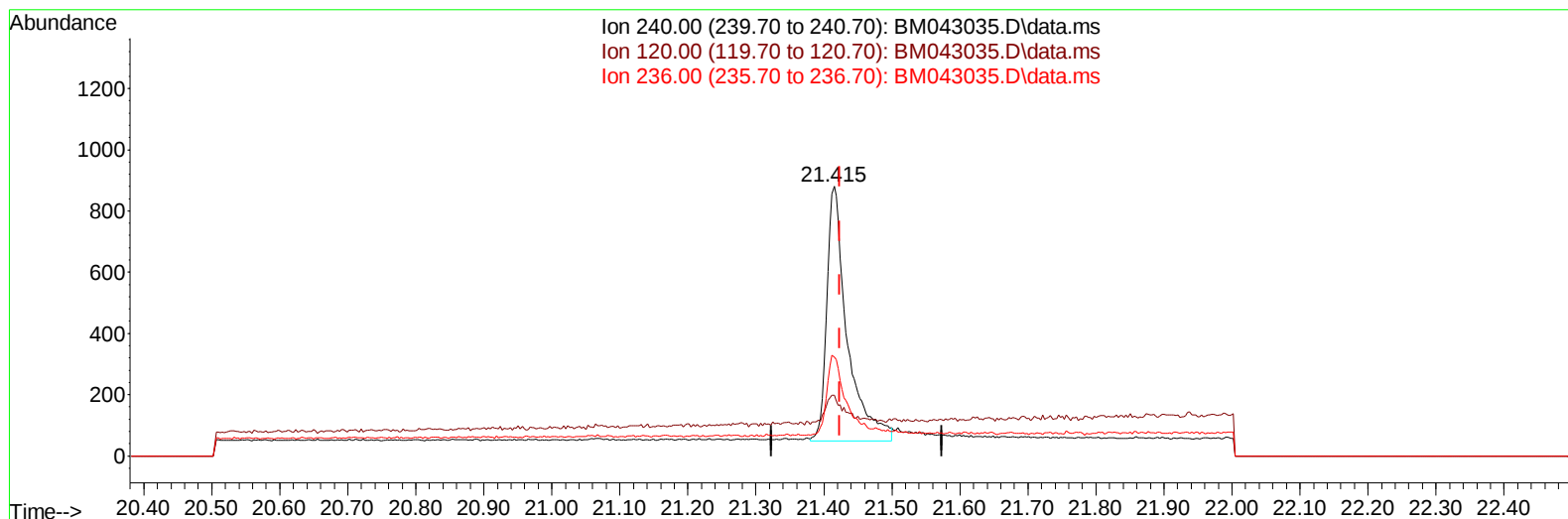
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
 Data File : BM043035.D
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 Sample : 05336-08
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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TIC: BM043035.D\data.ms

(17) Chrysene-d12

21.415min (-0.009) 0.40 ng/ul m

response 1727

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	22.80	22.61
236.00	38.50	36.70
0.00	0.00	0.00

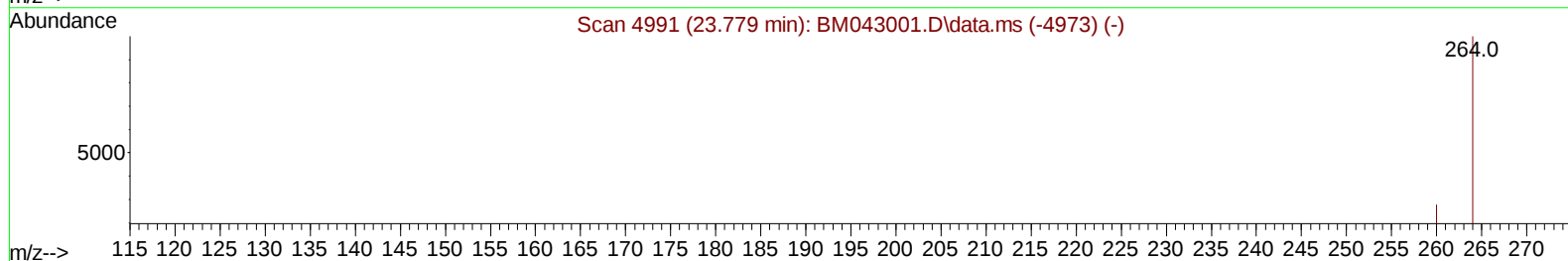
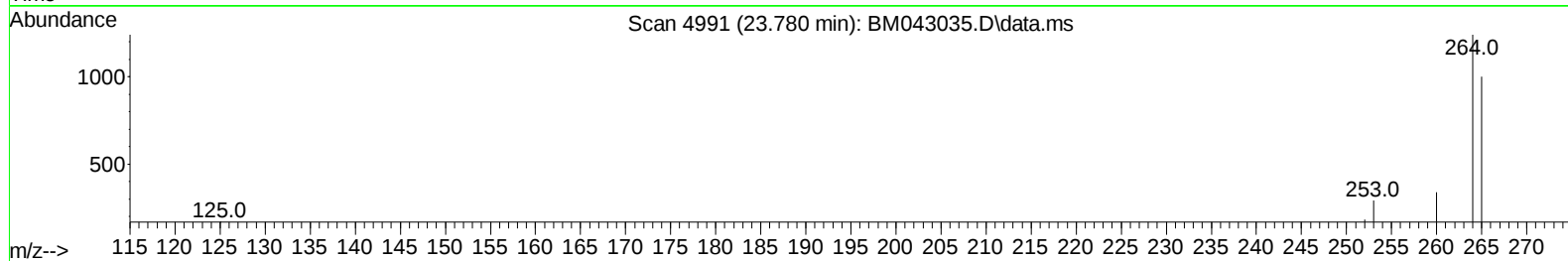
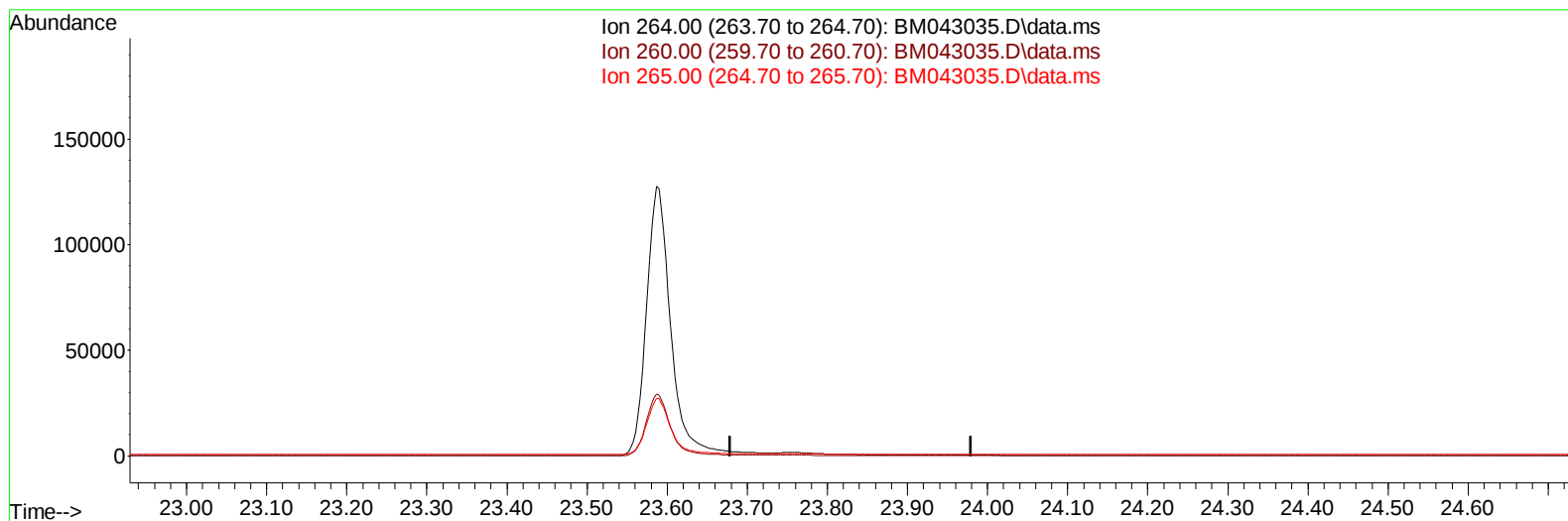
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
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TIC: BM043035.D\data.ms

(23) Perylene-d12 (I)

23.779min (-23.779) 0.00 ng/u1

response 0

Ion	Exp%	Act%
264.00	100.00	0.00
260.00	33.90	0.00#
265.00	120.30	0.00#
0.00	0.00	0.00

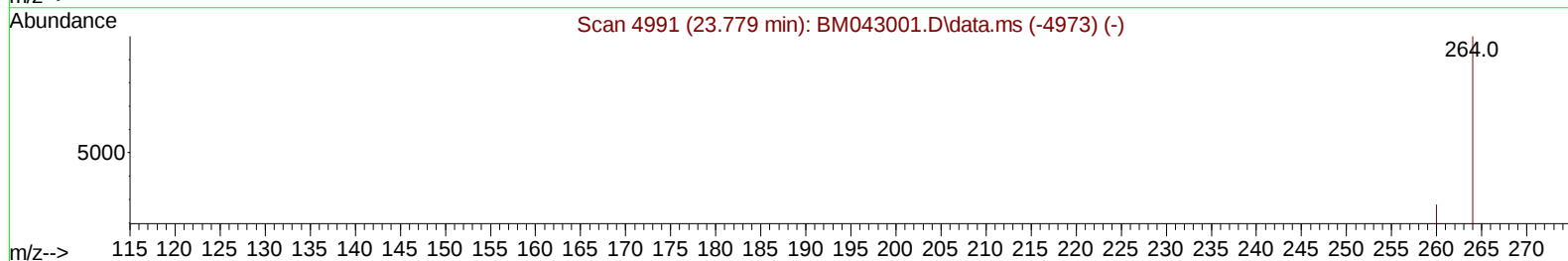
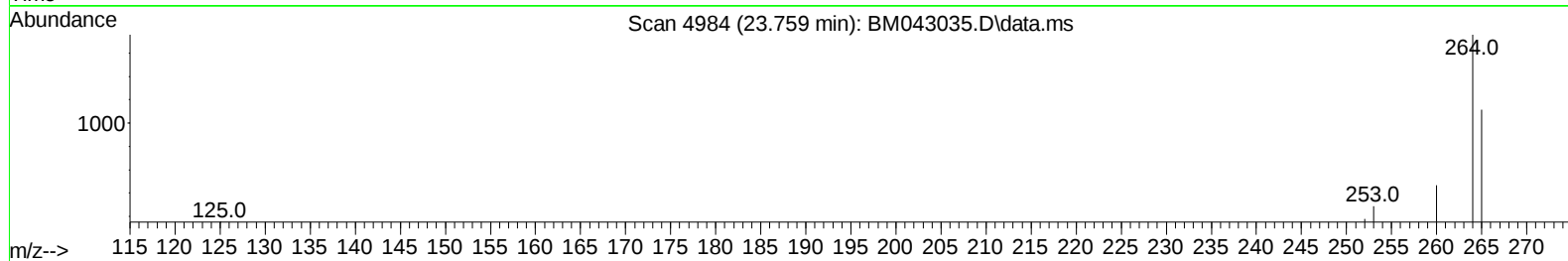
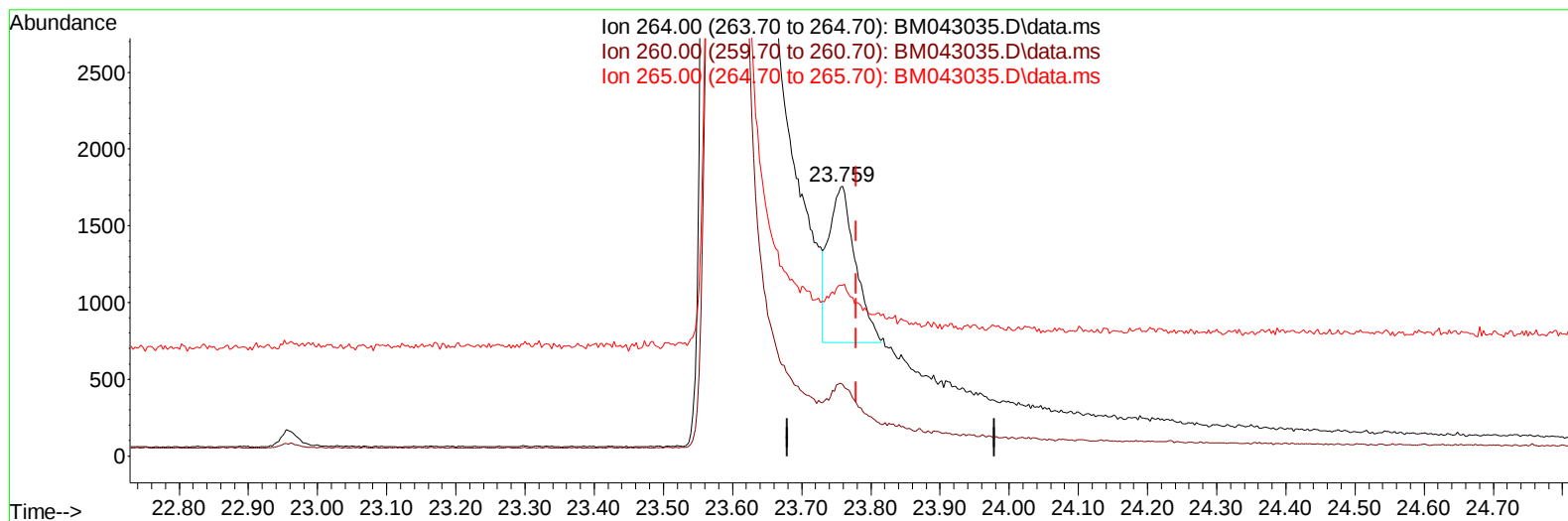
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043035.D
Acq On : 26 Nov 2023 03:43
Operator : MA/JU
Sample : 05336-08
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCKC6

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Supervised By :mohammad ahmed 11/28/2023



TIC: BM043035.D\data.ms

(23) Perylene-d12 (I)

23.759min (-0.020) 0.40 ng/ul m

response 2731

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	26.54#
265.00	120.30	63.33#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
 Data File : BM043035.D
 Acq On : 26 Nov 2023 03:43
 Operator : MA/JU
 Sample : 05336-08
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.817	152	818m	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.611	136	2404	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.455	164	1566m	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.212	188	3232m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.415	240	1727m	0.400	ng/ul	0.00
23) Perylene-d12	23.759	264	2731m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	4743	3.779	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.239	152	1089	0.339	ng/ul	-0.01
18) Fluoranthene-d10	19.243	212	2887	0.459	ng/ul	-0.02
Target Compounds						Qvalue
11) Acenaphthene	14.519	153	1105	0.182	ng/ul	98
12) Fluorene	15.509	166	541	0.087	ng/ul#	96
14) Pentachlorophenol	16.883	266	253	0.289	ng/ul	93
15) Phenanthrene	17.254	178	549m	0.060	ng/ul	
19) Fluoranthene	19.275	202	466	0.048	ng/ul#	66

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043035.D
Acq On : 26 Nov 2023 03:43
Operator : MA/JU
Sample : 05336-08
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCKC6

Manual IntegrationsAPPROVED

Quant Time: Nov 27 02:45:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 02:36:19 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

