

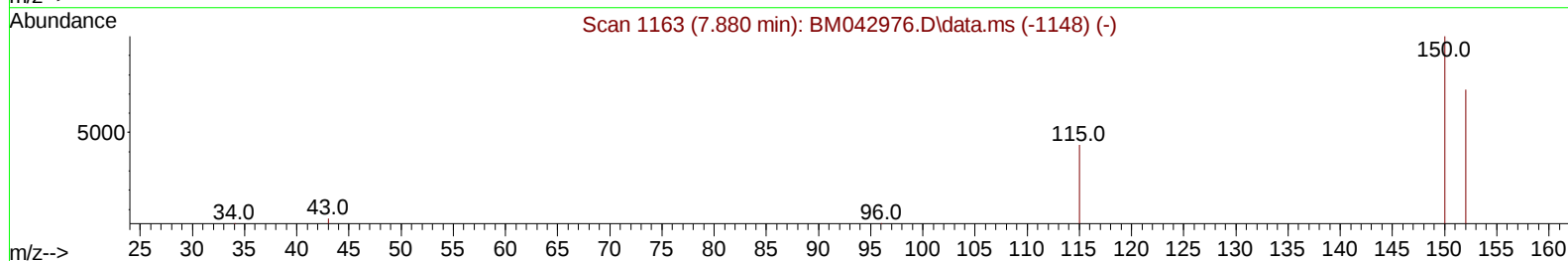
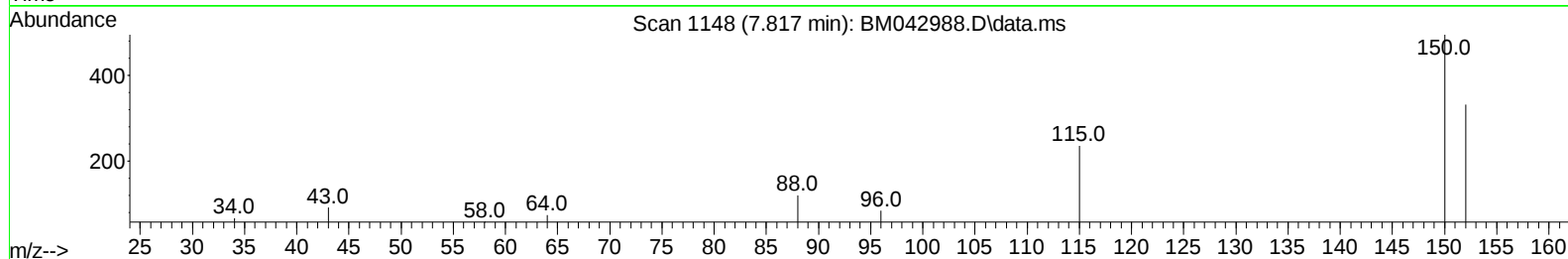
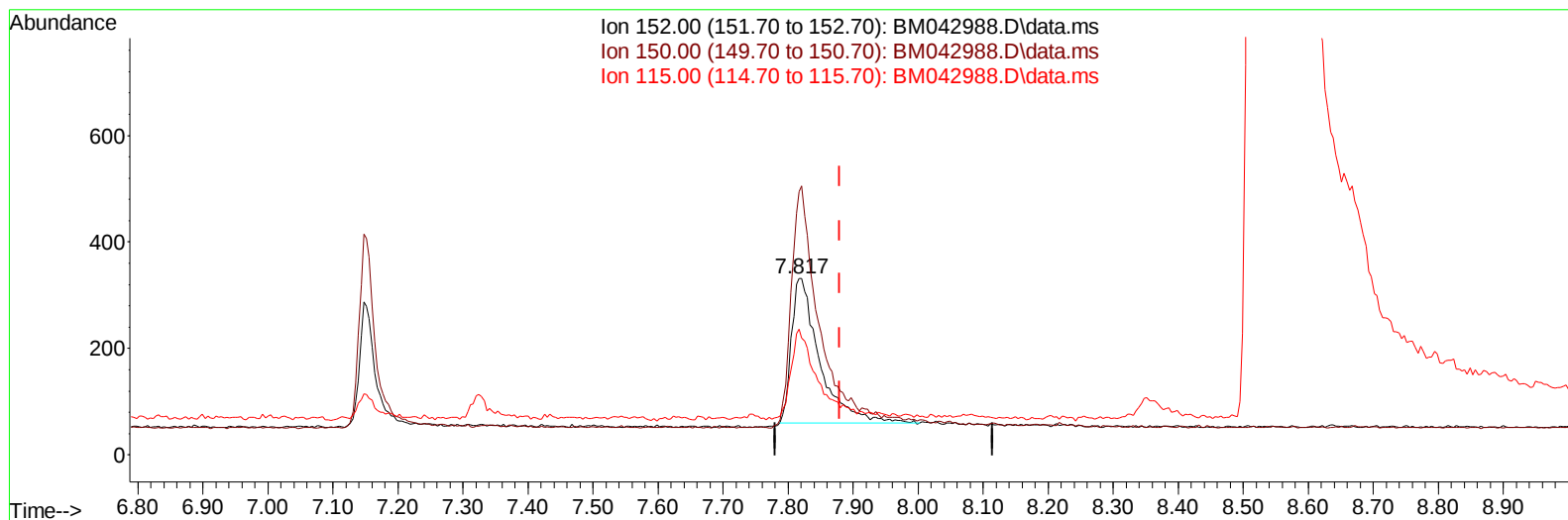
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM042988.D
Acq On : 24 Nov 2023 20:56
Operator : MA/JU
Sample : 05268-11RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCKD3RE

Manual IntegrationsAPPROVED

Quant Time: Nov 25 04:28:04 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 : Fri Nov 24 15:22:31 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



TIC: BM042988.D\data.ms

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

7.817min (-0.063) 0.40 ng/u1

response 820

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	149.10
115.00	89.60	71.08#
0.00	0.00	0.00

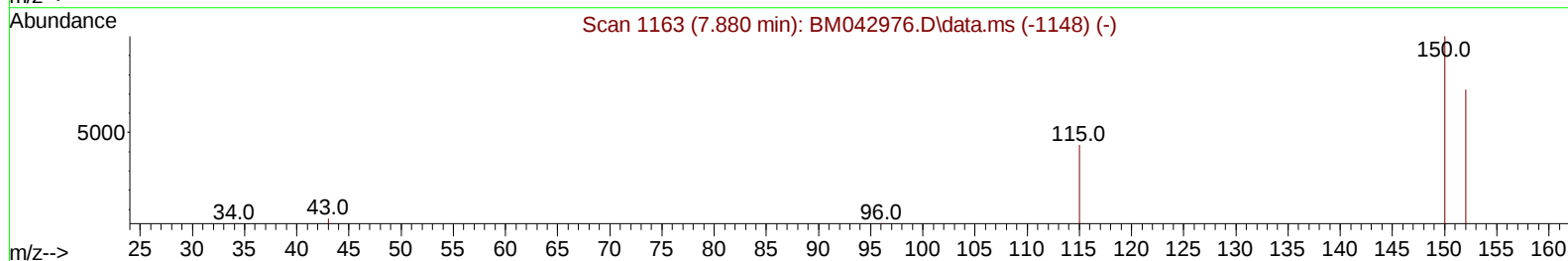
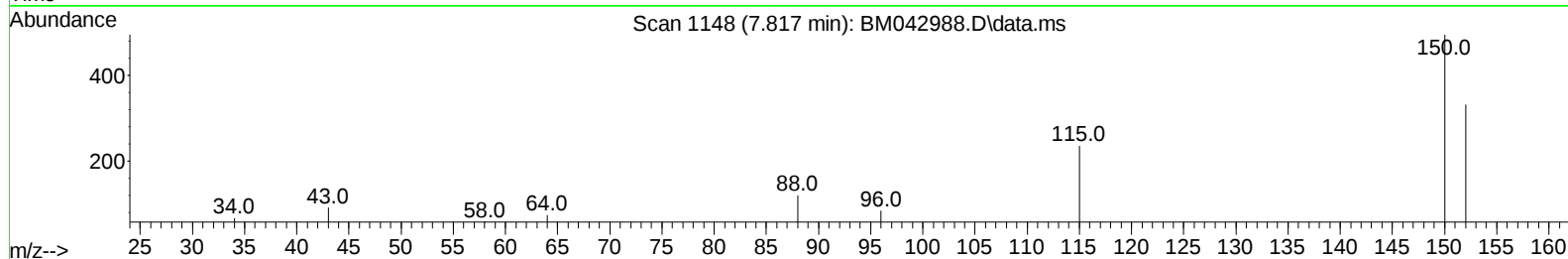
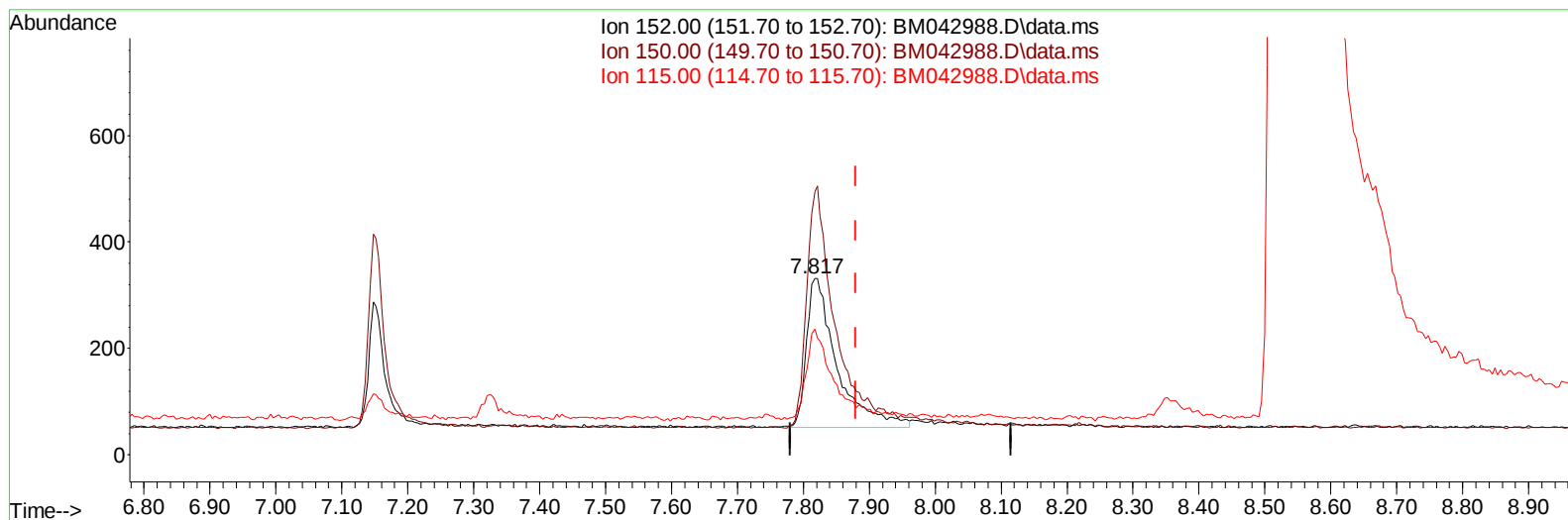
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 Misc :
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Instrument :
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 DCKD3RE

Manual IntegrationsAPPROVED

Quant Time: Nov 24 23:24:01 2023
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 Supervised By :mohammad ahmed 11/28/2023



TIC: BM042988.D\data.ms

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

7.817min (-0.063) 0.40 ng/ul m

response 910

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	149.10
115.00	89.60	71.08#
0.00	0.00	0.00

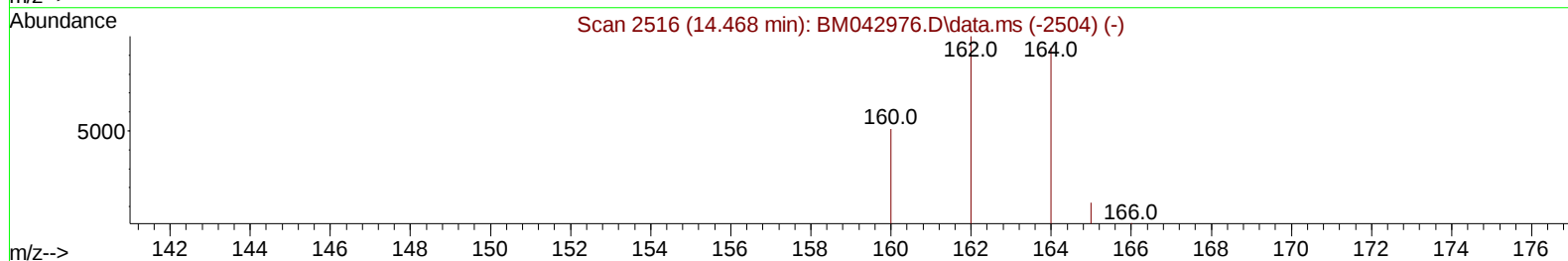
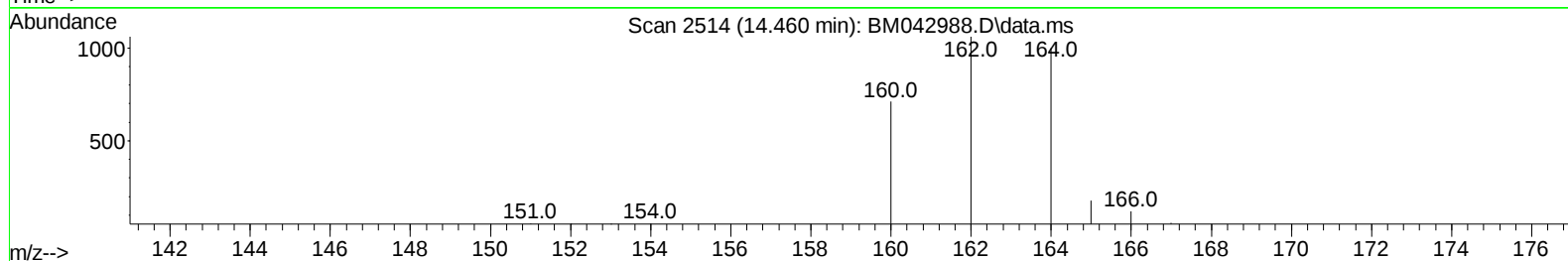
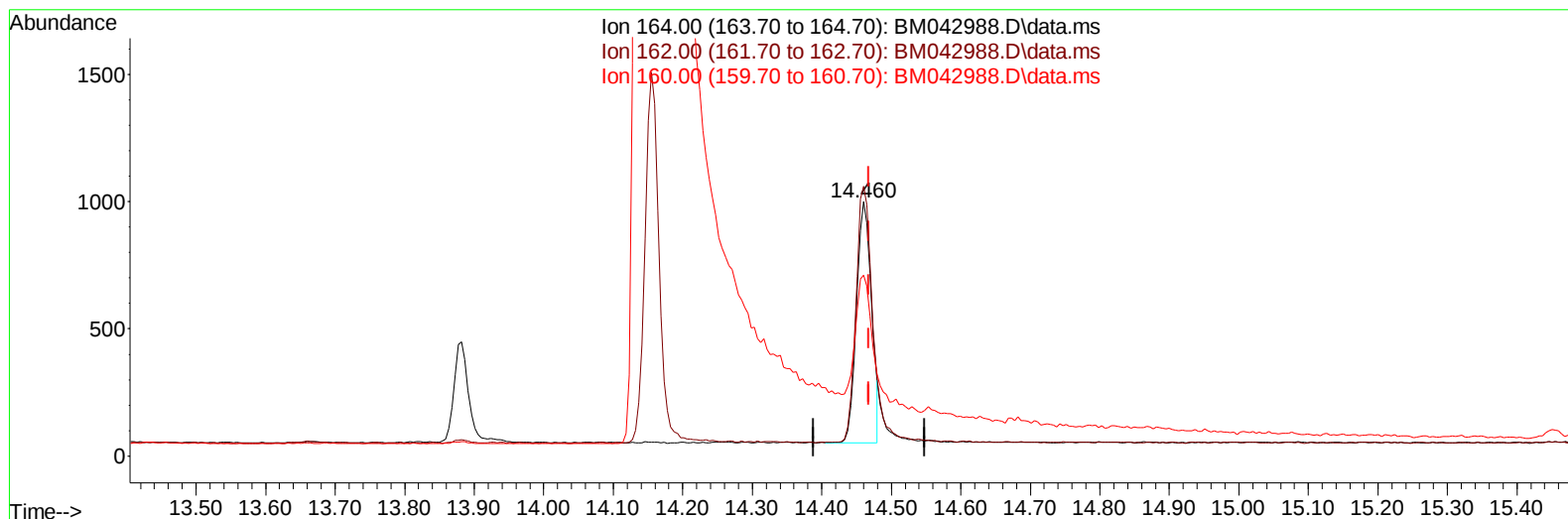
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
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 Operator : MA/JU
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TIC: BM042988.D\data.ms

(9) Acenaphthene-d10 (I)

14.460min (-0.008) 0.40 ng/u1

response 1425

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	106.00
160.00	57.20	71.10#
0.00	0.00	0.00

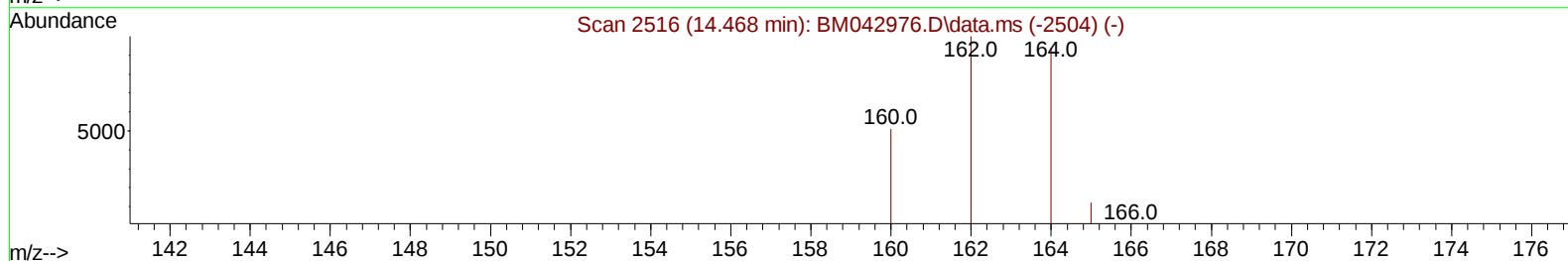
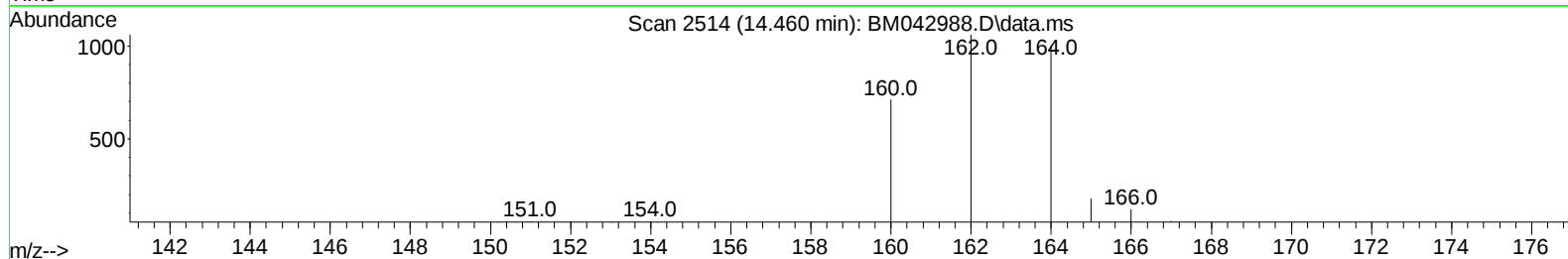
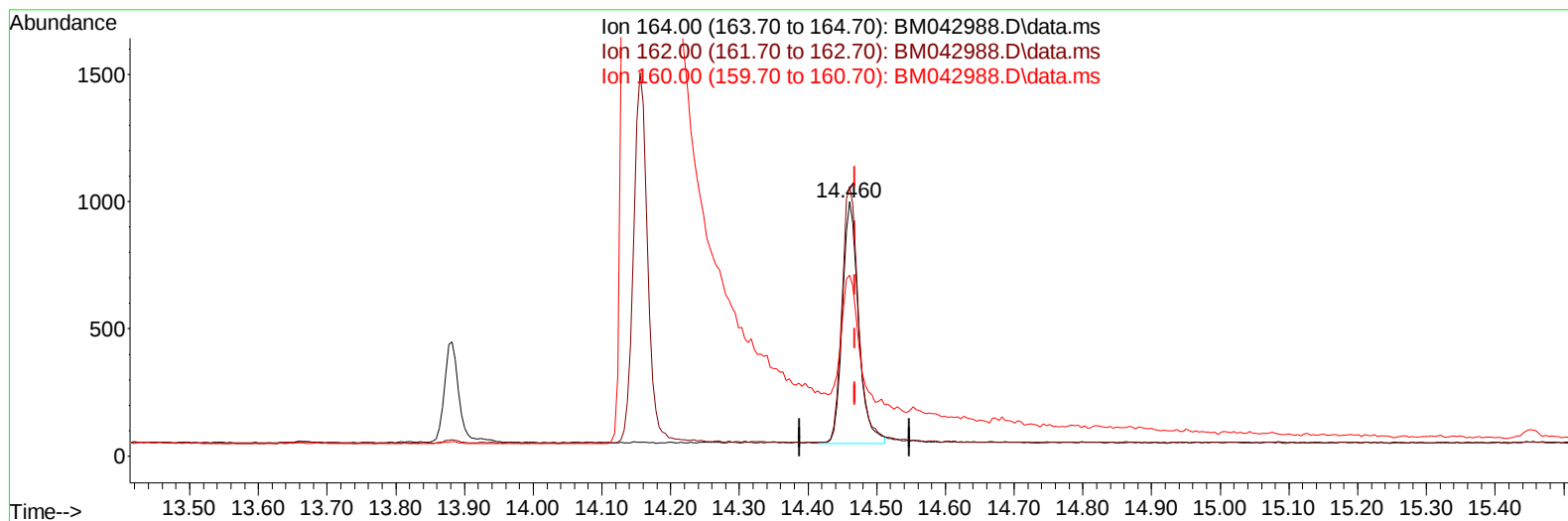
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
 Data File : BM042988.D
 Acq On : 24 Nov 2023 20:56
 Operator : MA/JU
 Sample : 05268-11RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKD3RE

Manual IntegrationsAPPROVED

Quant Time: Nov 24 23:24:01 2023
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Reviewed By :Yogesh Patel 11/27/2023
 Supervised By :mohammad ahmed 11/28/2023



TIC: BM042988.D\data.ms

(9) Acenaphthene-d10 (I)

14.460min (-0.008) 0.40 ng/ul m

response 1553

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	106.00
160.00	57.20	71.10#
0.00	0.00	0.00

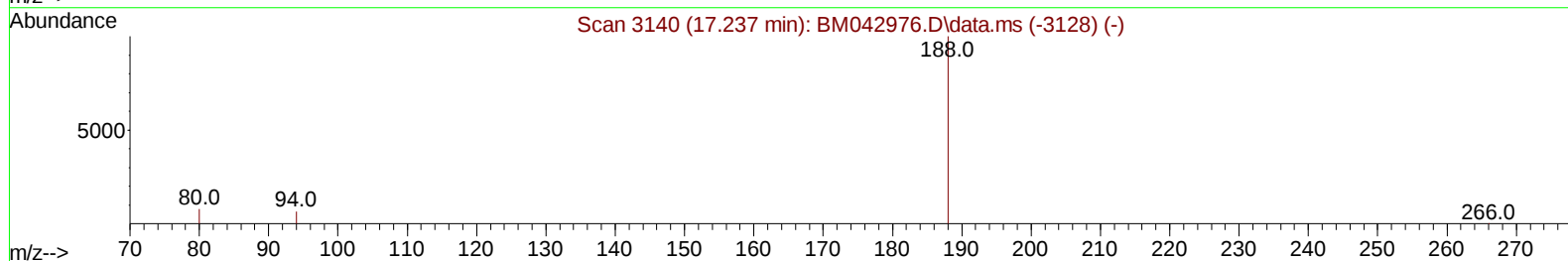
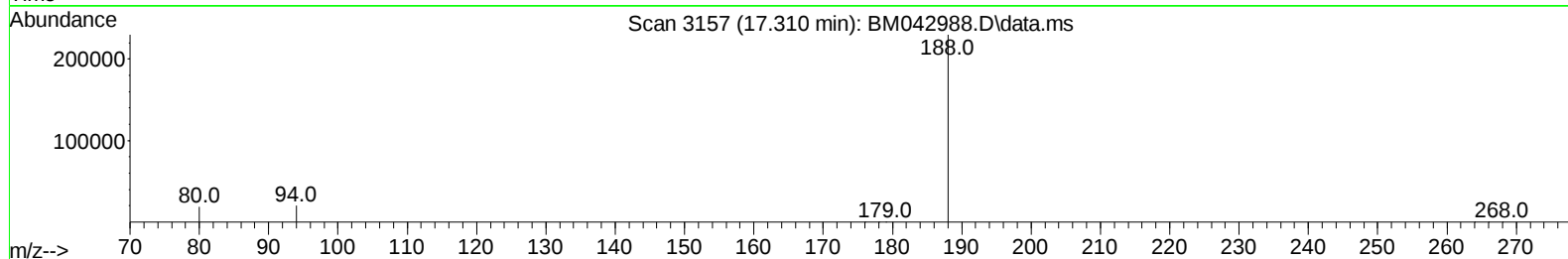
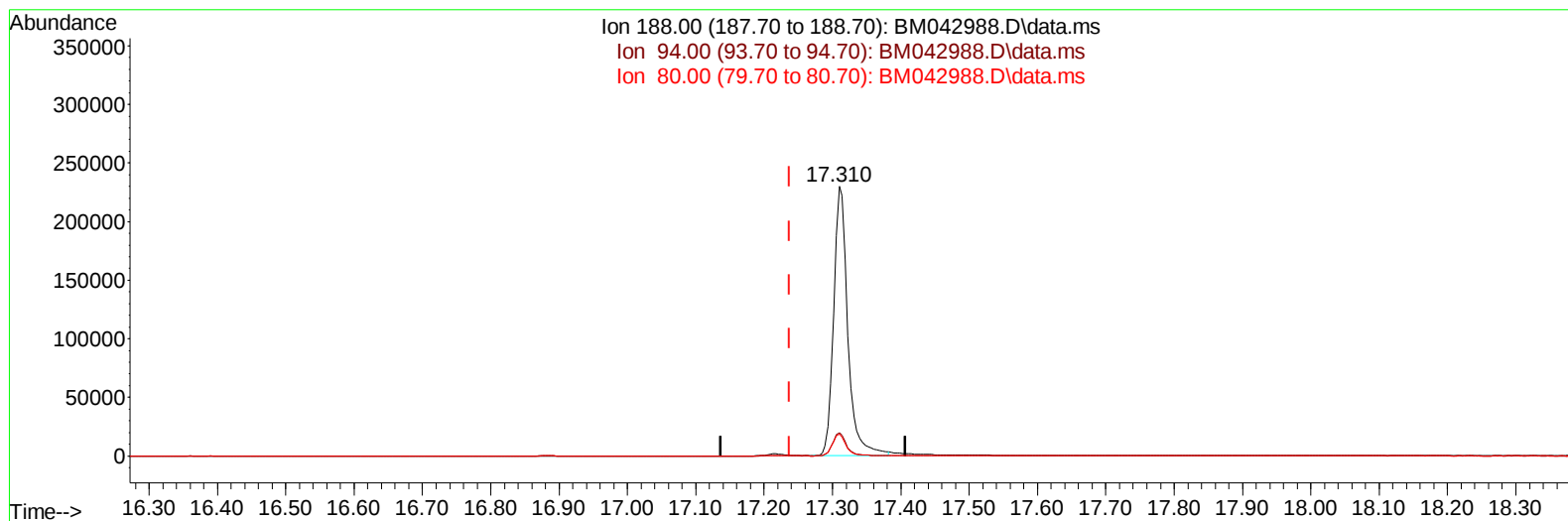
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
 Data File : BM042988.D
 Acq On : 24 Nov 2023 20:56
 Operator : MA/JU
 Sample : 05268-11RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKD3RE

Manual IntegrationsAPPROVED

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TIC: BM042988.D\data.ms

(13) Phenanthrene-d10 (I)

17.310min (+ 0.073) 0.40 ng/u1

response 333857

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.40	8.72#
80.00	12.70	8.15#
0.00	0.00	0.00

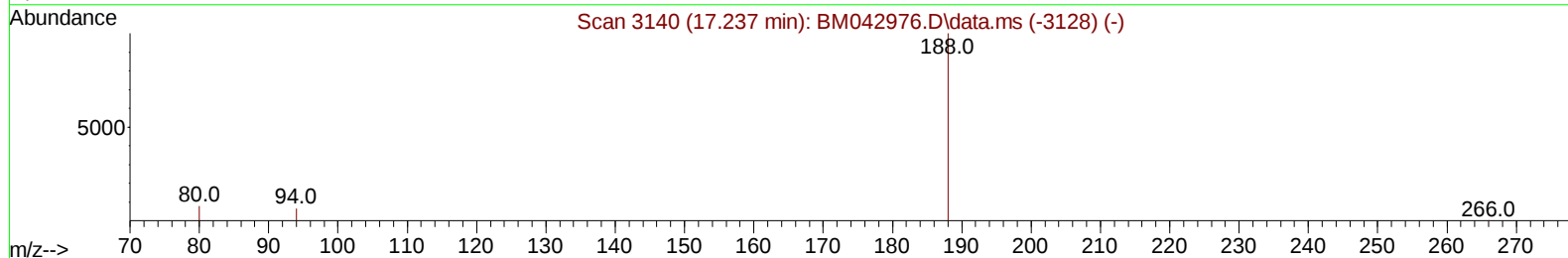
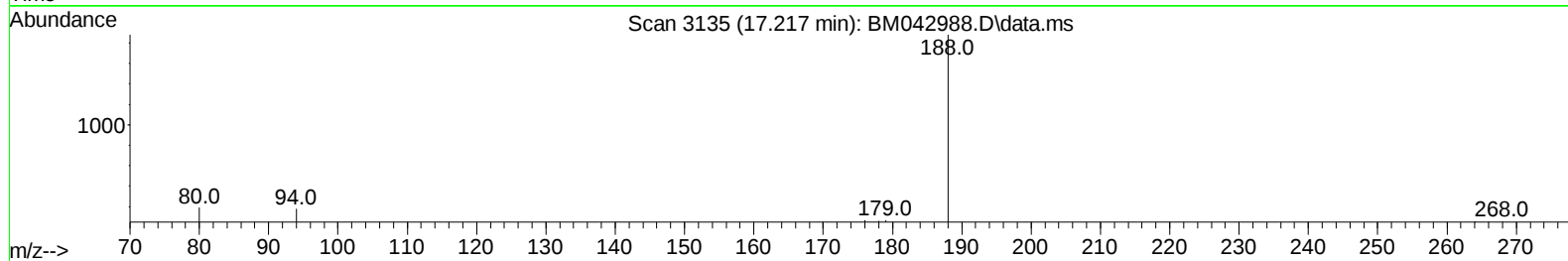
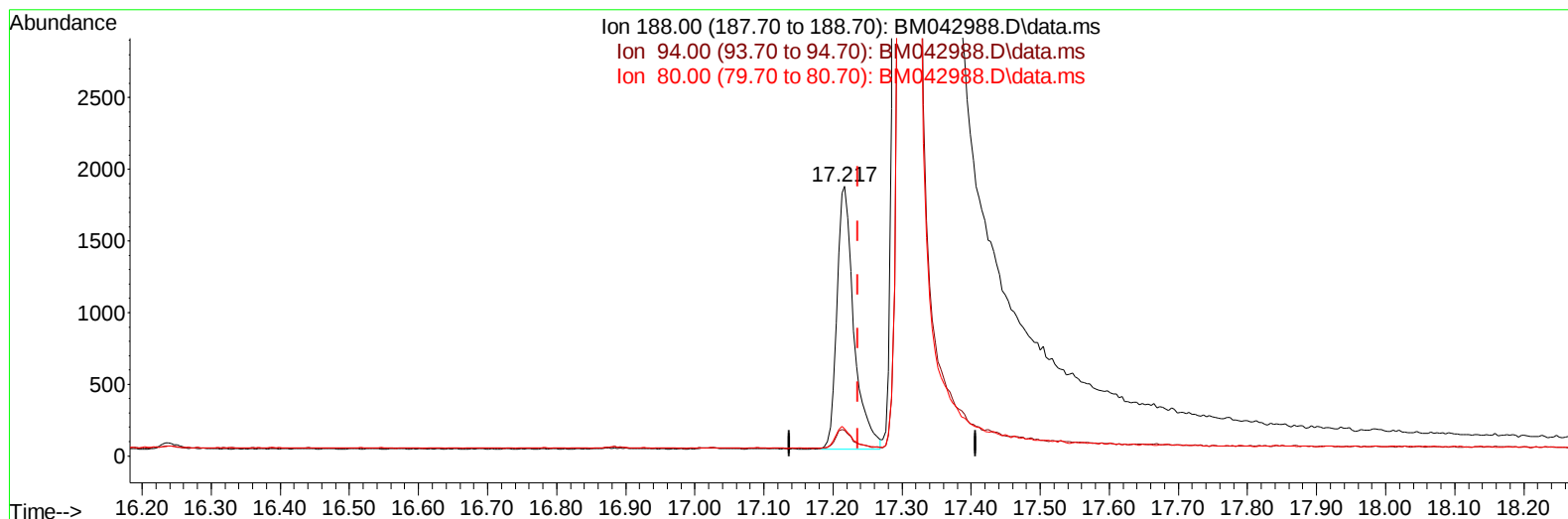
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
 Data File : BM042988.D
 Acq On : 24 Nov 2023 20:56
 Operator : MA/JU
 Sample : 05268-11RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKD3RE

Manual IntegrationsAPPROVED

Quant Time: Nov 24 23:24:01 2023
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 QLast Update : Fri Nov 24 15:22:31 2023
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Reviewed By :Yogesh Patel 11/27/2023
 Supervised By :mohammad ahmed 11/28/2023



TIC: BM042988.D\data.ms

(13) Phenanthrene-d10 (I)

17.217min (-0.020) 0.40 ng/u1 m

response 3126

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.40	9.47
80.00	12.70	10.16#
0.00	0.00	0.00

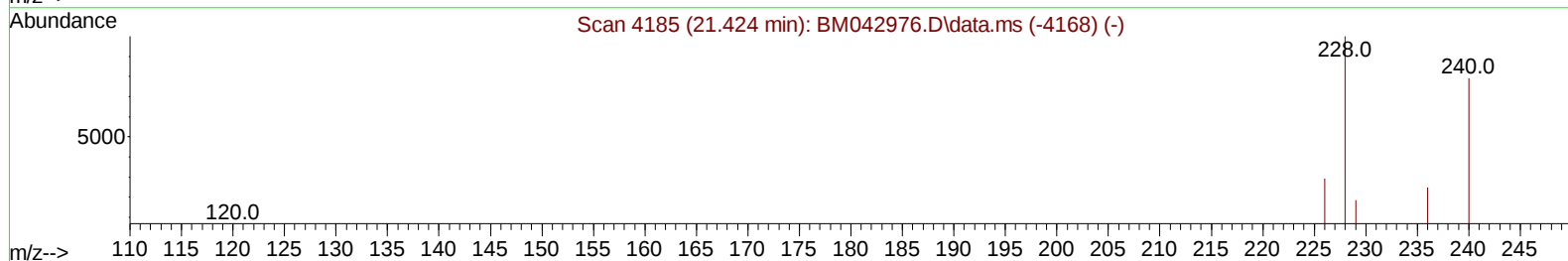
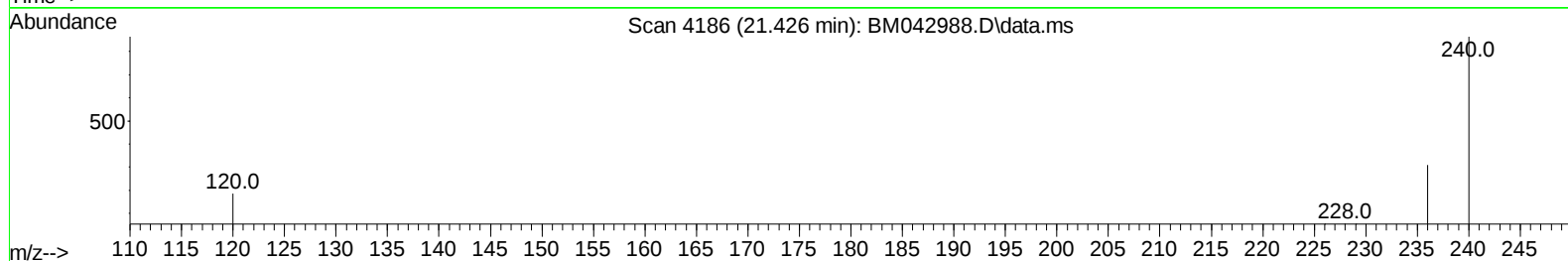
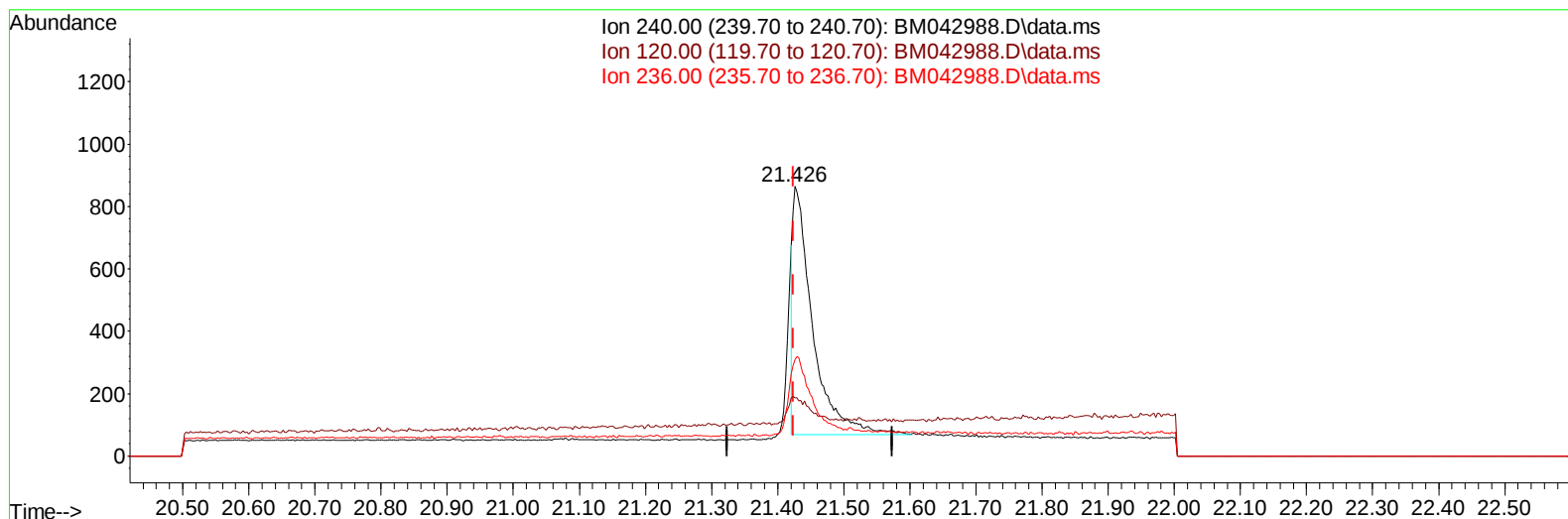
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
 Data File : BM042988.D
 Acq On : 24 Nov 2023 20:56
 Operator : MA/JU
 Sample : 05268-11RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKD3RE

Manual IntegrationsAPPROVED

Quant Time: Nov 25 04:28:04 2023
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TIC: BM042988.D\data.ms

(17) Chrysene-d12

21.426min (+ 0.003) 0.40 ng/u1

response 1664

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	22.80	21.64
236.00	38.50	35.88
0.00	0.00	0.00

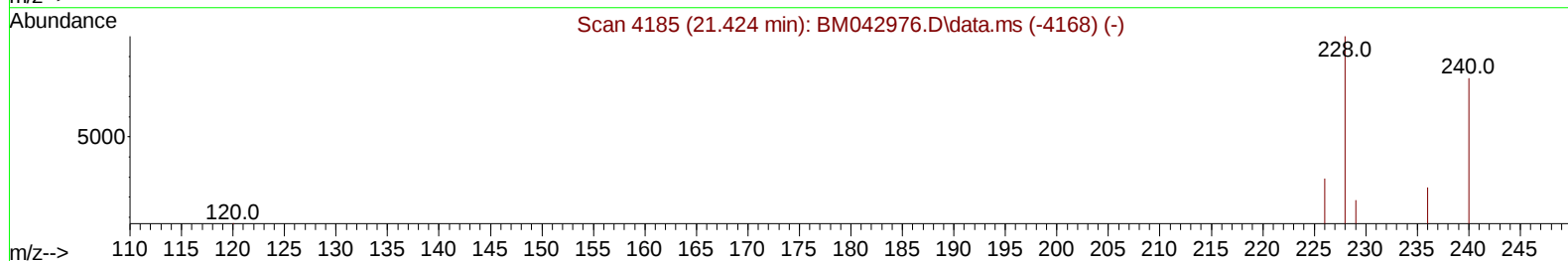
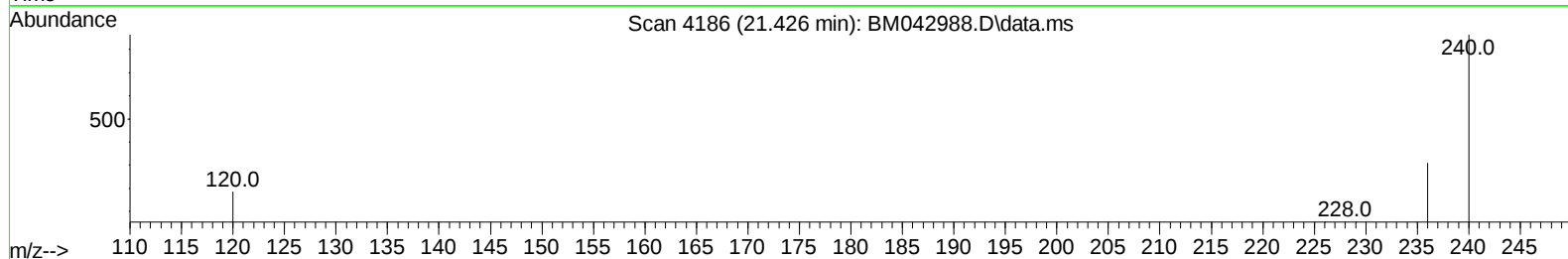
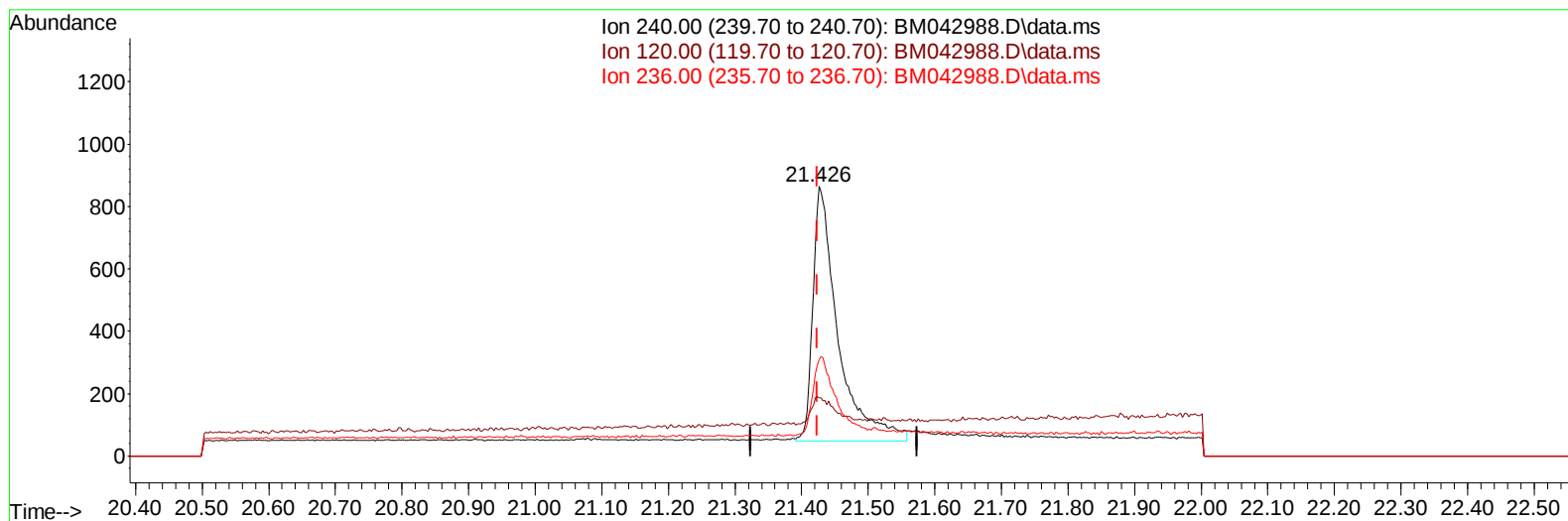
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
 Data File : BM042988.D
 Acq On : 24 Nov 2023 20:56
 Operator : MA/JU
 Sample : 05268-11RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKD3RE

Manual IntegrationsAPPROVED

Quant Time: Nov 24 23:24:01 2023
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TIC: BM042988.D\data.ms

(17) Chrysene-d12

21.426min (+ 0.003) 0.40 ng/ul m

response 2132

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	22.80	21.64
236.00	38.50	35.88
0.00	0.00	0.00

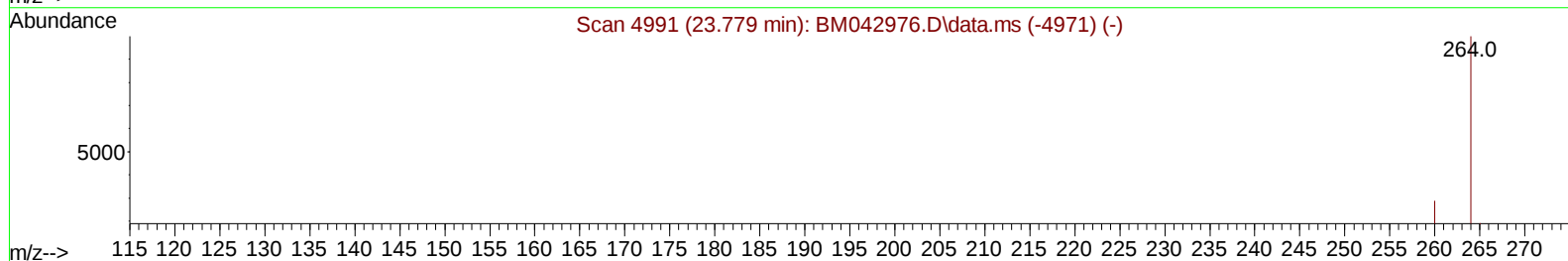
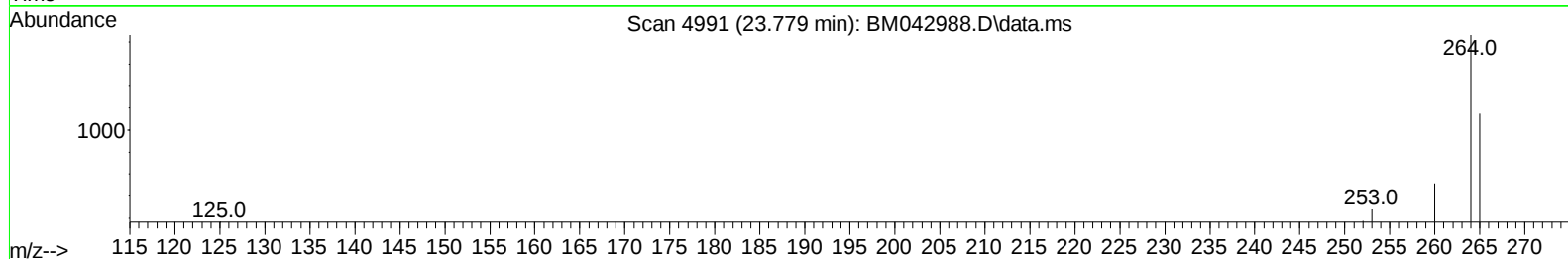
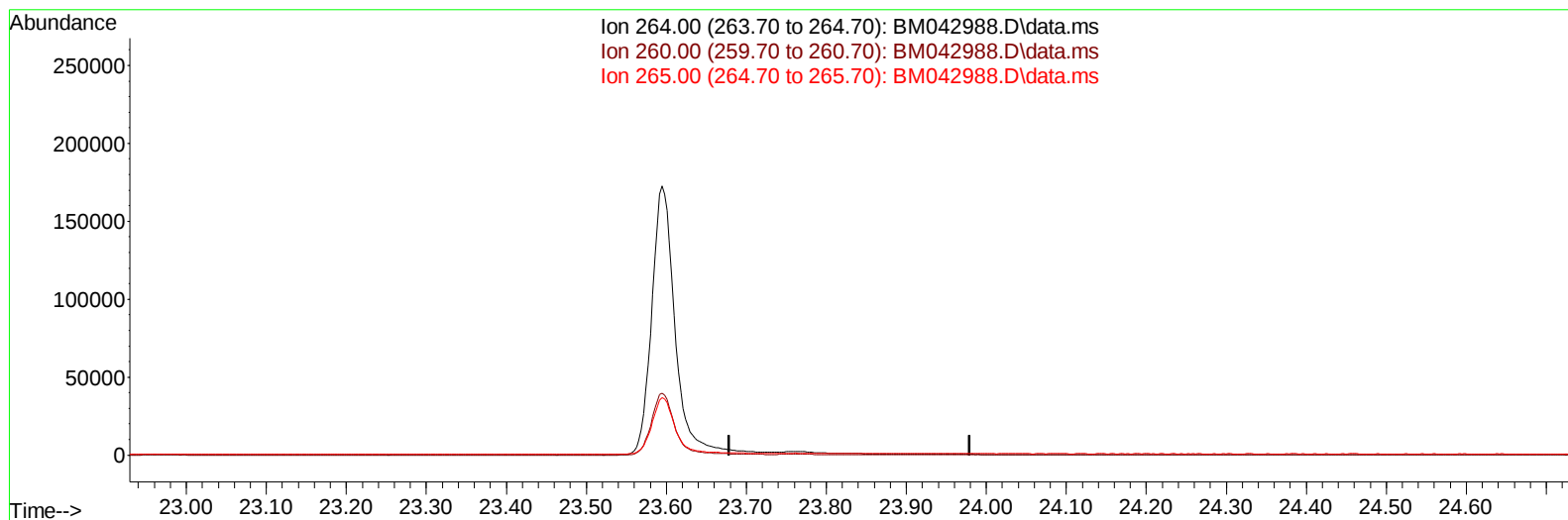
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 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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TIC: BM042988.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

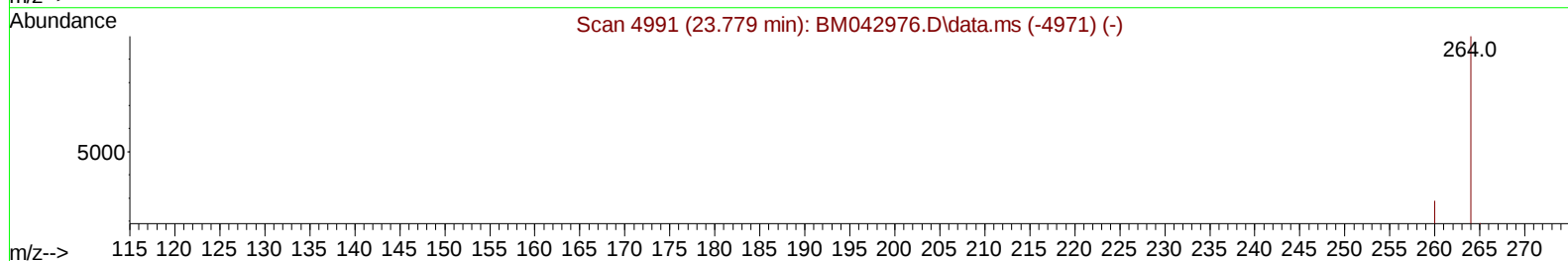
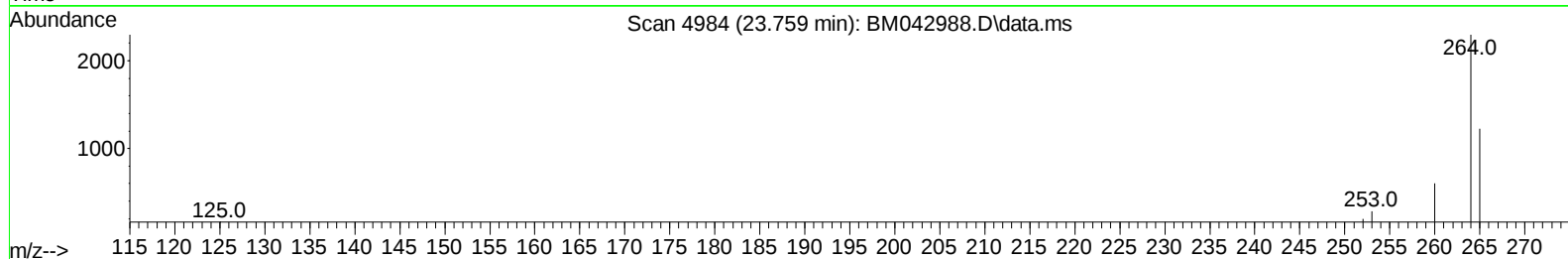
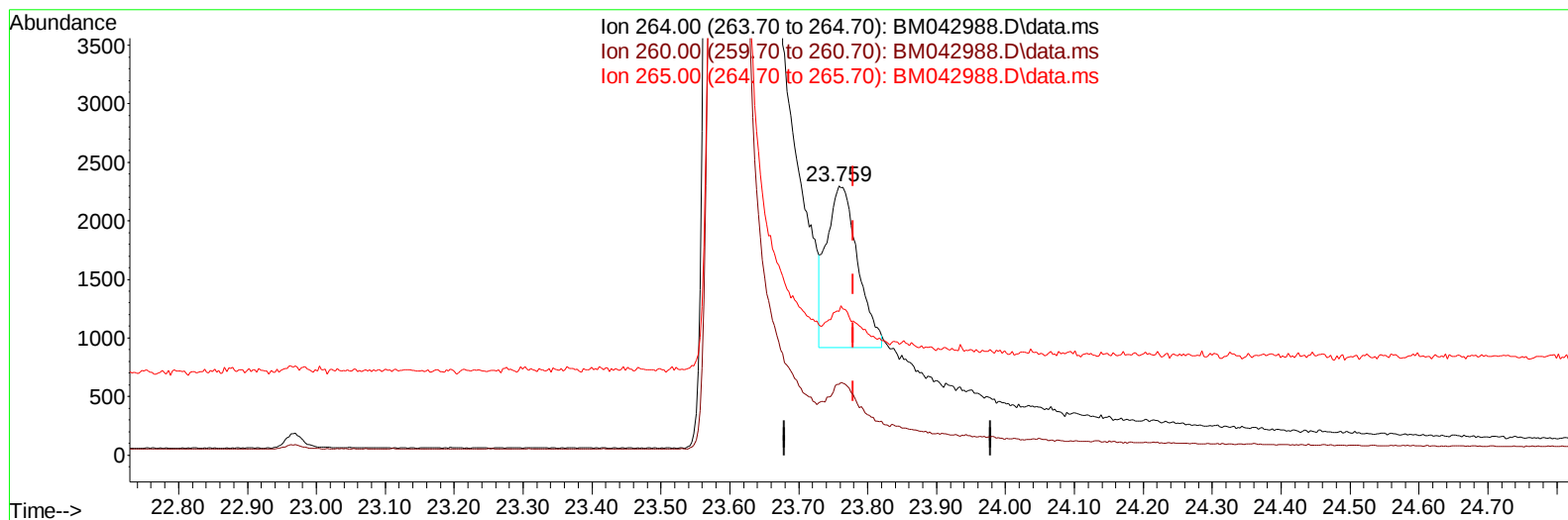
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TIC: BM042988.D\data.ms

(23) Perylene-d12 (I)

23.759min (-0.021) 0.40 ng/ul m

response 4314

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	26.38#
265.00	120.30	53.50#
0.00	0.00	0.00

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 Sample : 05268-11RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKD3RE

Manual IntegrationsAPPROVED

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.817	152		910m	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.612	136		2575	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.460	164		1553m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.217	188		3126m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.426	240		2132m	0.400	ng/ul	0.00
23) Perylene-d12	23.759	264		4314m	0.400	ng/ul	-0.02
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.164	96		4681	3.353	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.256	152		1036	0.301	ng/ul	0.00
18) Fluoranthene-d10	19.248	212		2941	0.379	ng/ul	-0.01
Target Compounds							Qvalue
14) Pentachlorophenol	16.896	266		157	0.186	ng/ul	93

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

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