

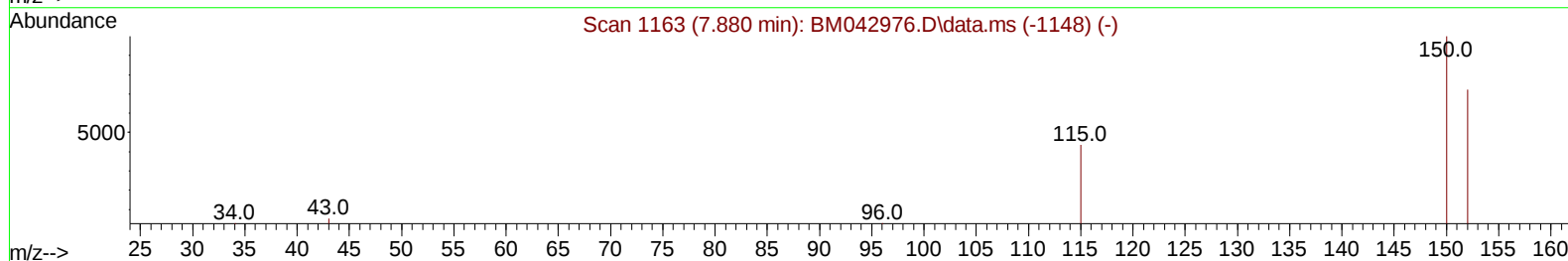
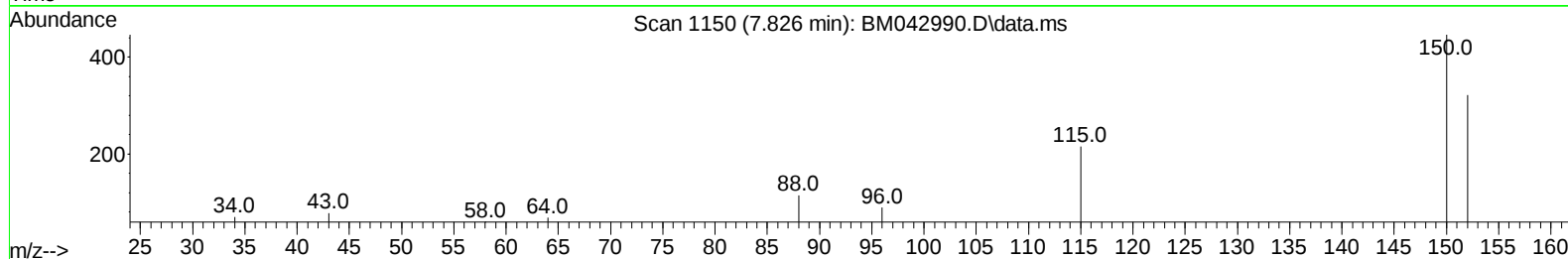
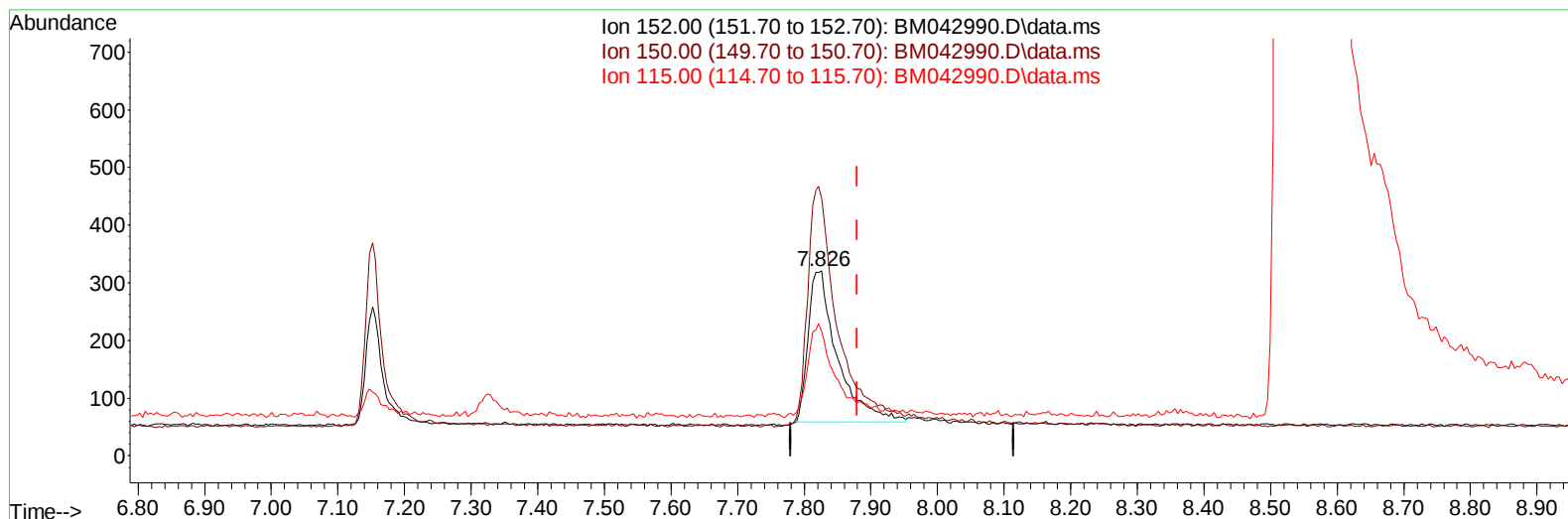
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM042990.D
Acq On : 24 Nov 2023 22:08
Operator : MA/JU
Sample : 05268-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCKD6

Manual IntegrationsAPPROVED

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

Quant Time: Nov 24 23:24:12 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



TIC: BM042990.D\data.ms

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

7.826min (-0.054) 0.40 ng/u1

response 795

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	138.94
115.00	89.60	66.98#
0.00	0.00	0.00

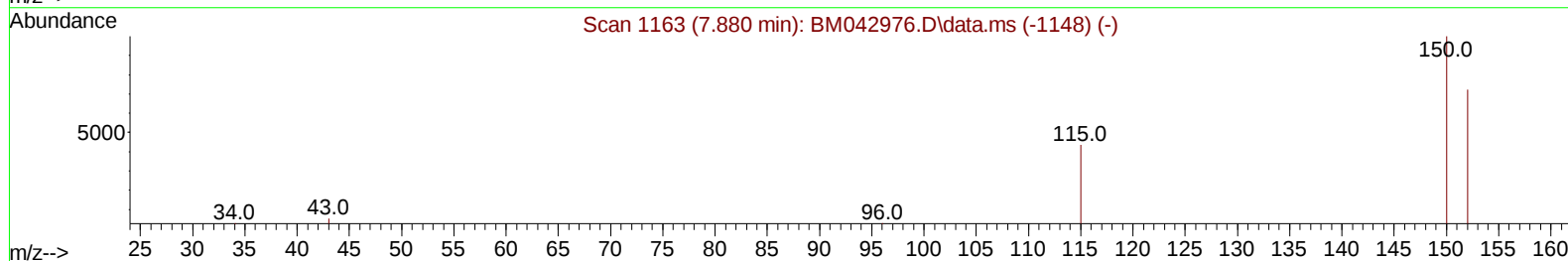
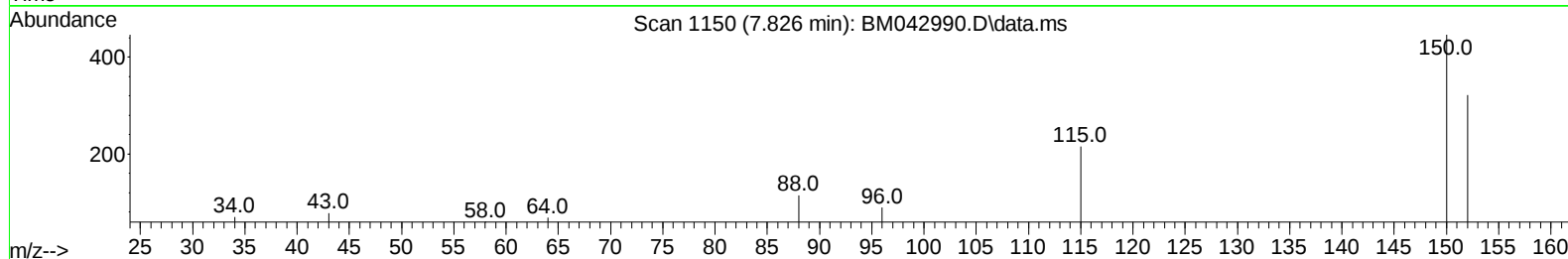
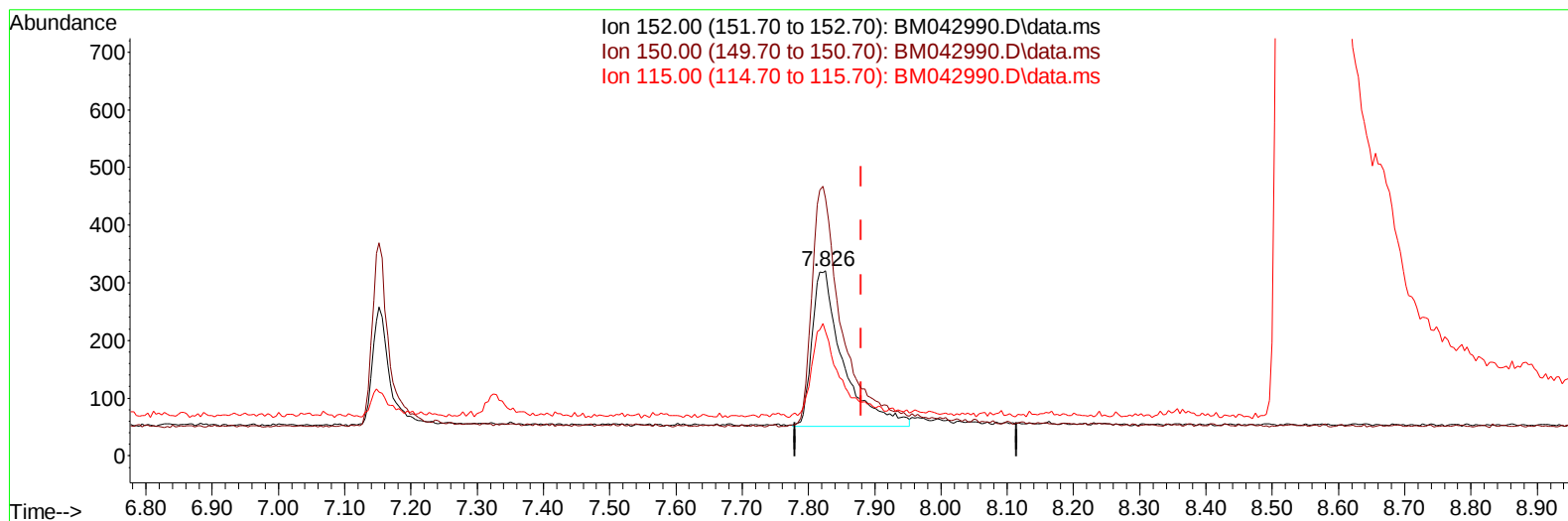
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM042990.D
Acq On : 24 Nov 2023 22:08
Operator : MA/JU
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Instrument :
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Manual IntegrationsAPPROVED

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



TIC: BM042990.D\data.ms

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

7.826min (-0.054) 0.40 ng/ul m

response 878

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	138.94
115.00	89.60	66.98#
0.00	0.00	0.00

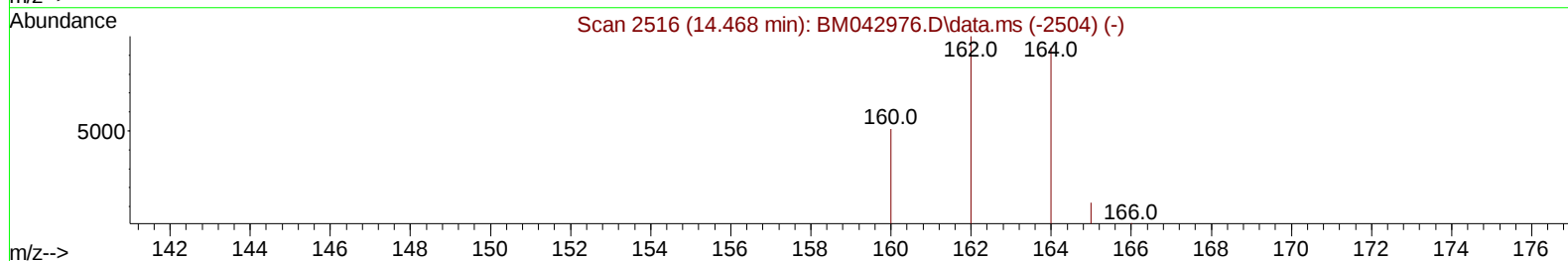
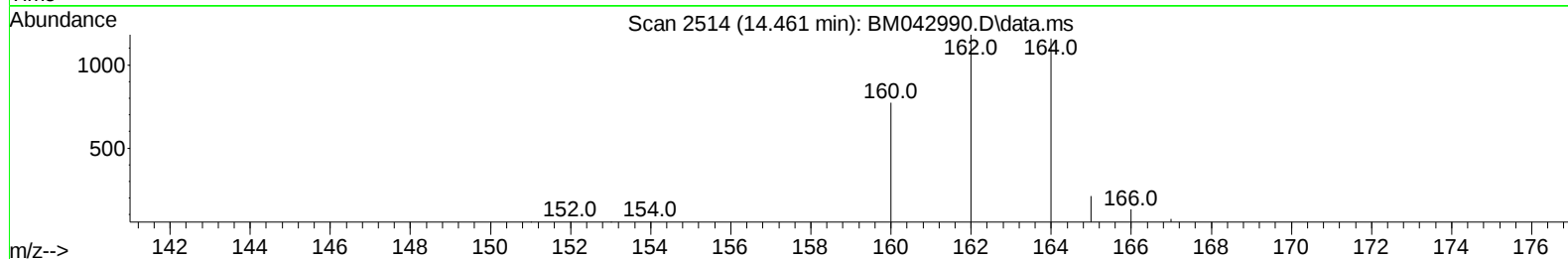
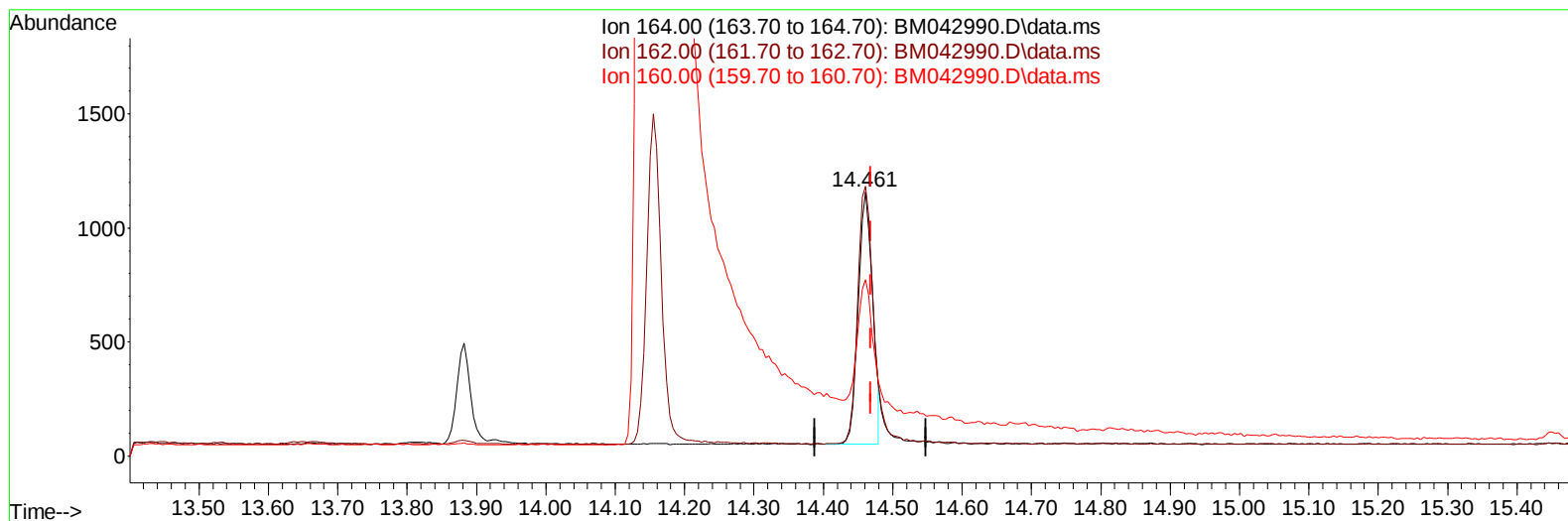
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM042990.D
Acq On : 24 Nov 2023 22:08
Operator : MA/JU
Sample : 05268-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DCKD6

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 11/28/2023



TIC: BM042990.D\data.ms

(9) Acenaphthene-d10 (I)

14.461min (-0.008) 0.40 ng/u1

response 1608

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	101.98
160.00	57.20	66.70
0.00	0.00	0.00

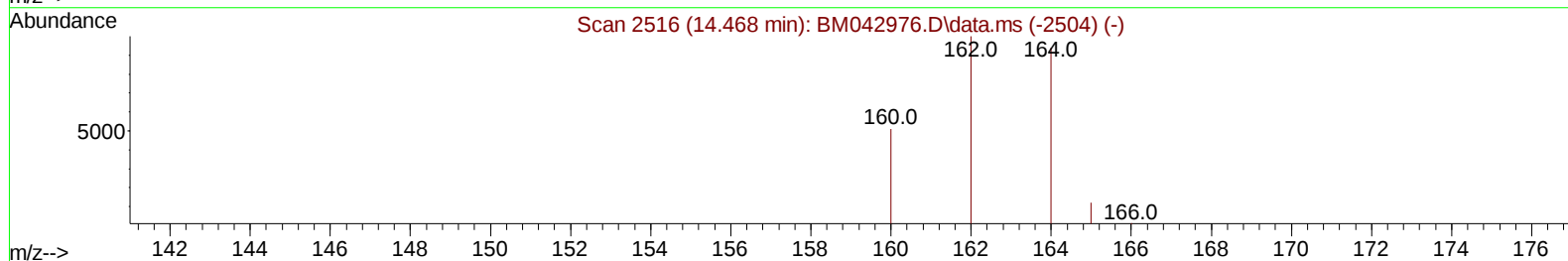
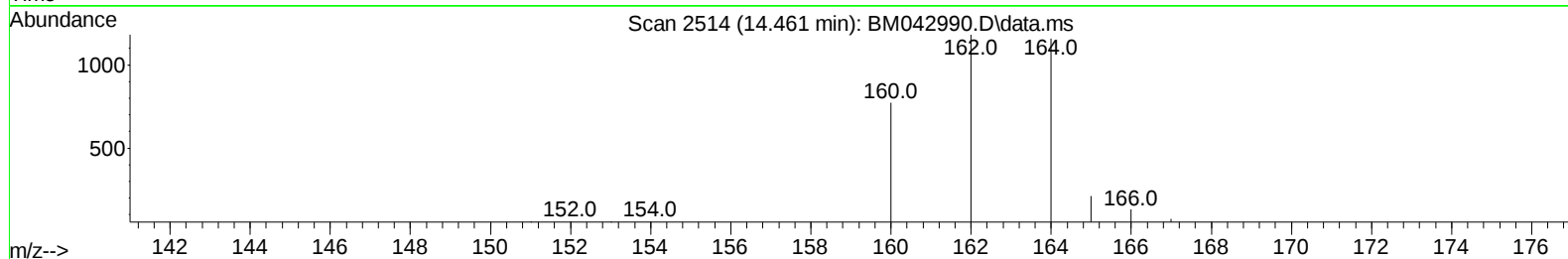
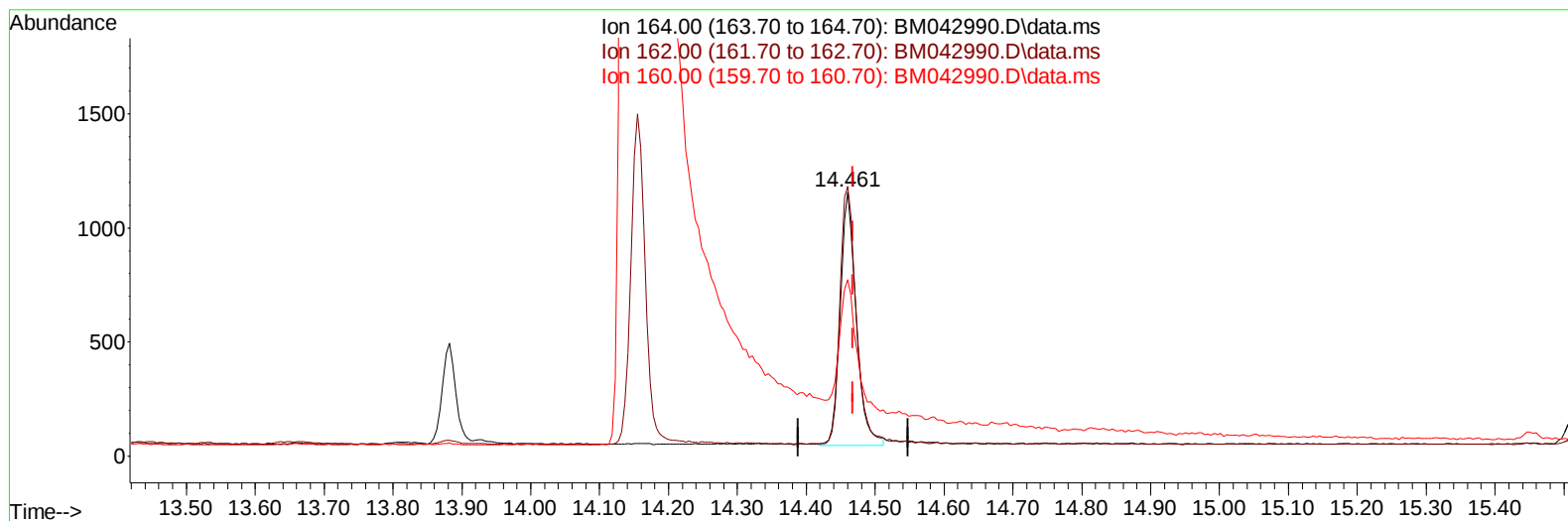
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
 Data File : BM042990.D
 Acq On : 24 Nov 2023 22:08
 Operator : MA/JU
 Sample : 05268-14
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Nov 24 23:24:12 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
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Reviewed By :Yogesh Patel 11/27/2023
 Supervised By :mohammad ahmed 11/28/2023



TIC: BM042990.D\data.ms

(9) Acenaphthene-d10 (I)

14.461min (-0.008) 0.40 ng/ul m

response 1757

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	101.98
160.00	57.20	66.70
0.00	0.00	0.00

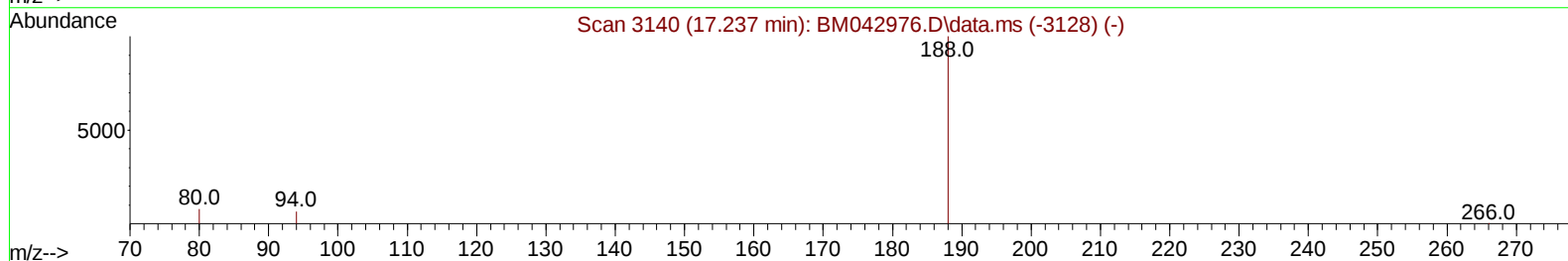
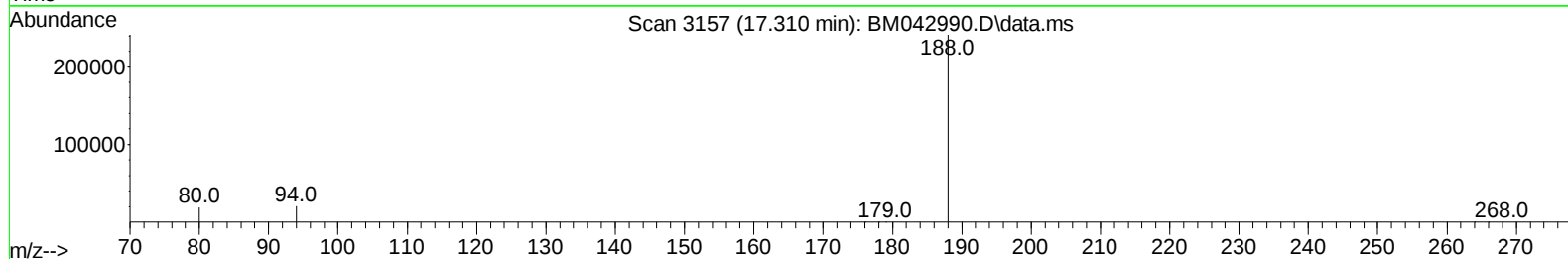
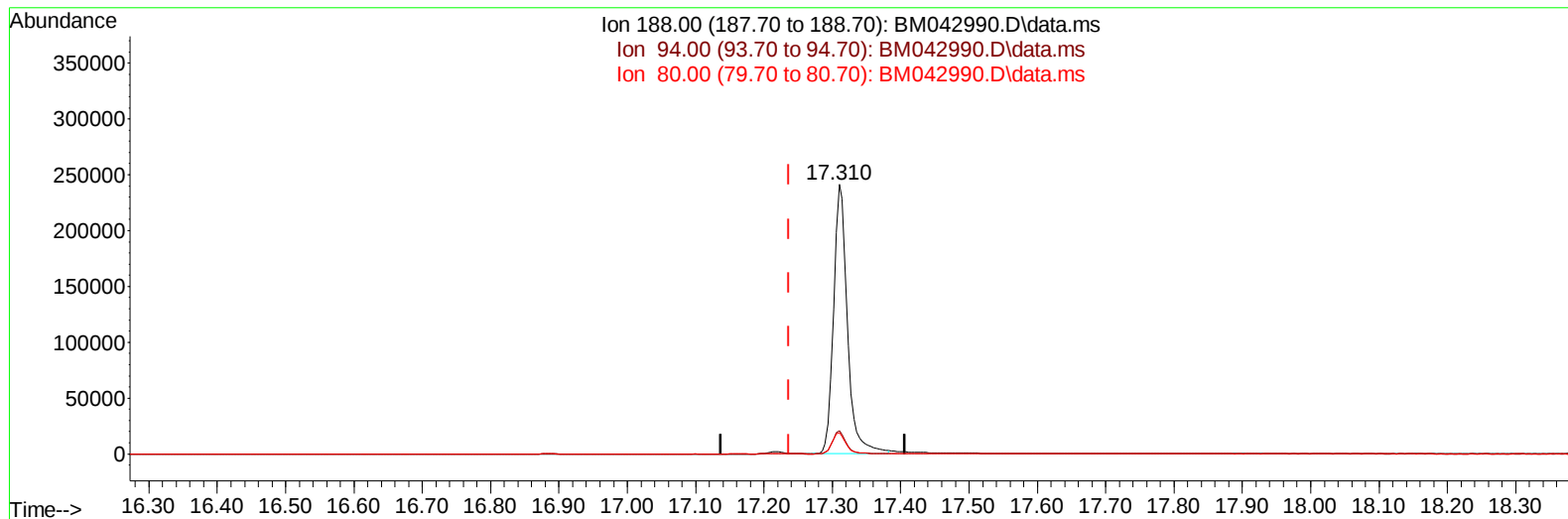
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM042990.D
Acq On : 24 Nov 2023 22:08
Operator : MA/JU
Sample : 05268-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCKD6

Manual IntegrationsAPPROVED

Quant Time: Nov 24 23:24:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
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QLast Update : Fri Nov 24 15:22:31 2023
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Supervised By :mohammad ahmed 11/28/2023



TIC: BM042990.D\data.ms

(13) Phenanthrene-d10 (I)

17.310min (+ 0.073) 0.40 ng/u1

response 339351

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.40	8.56#
80.00	12.70	7.99#
0.00	0.00	0.00

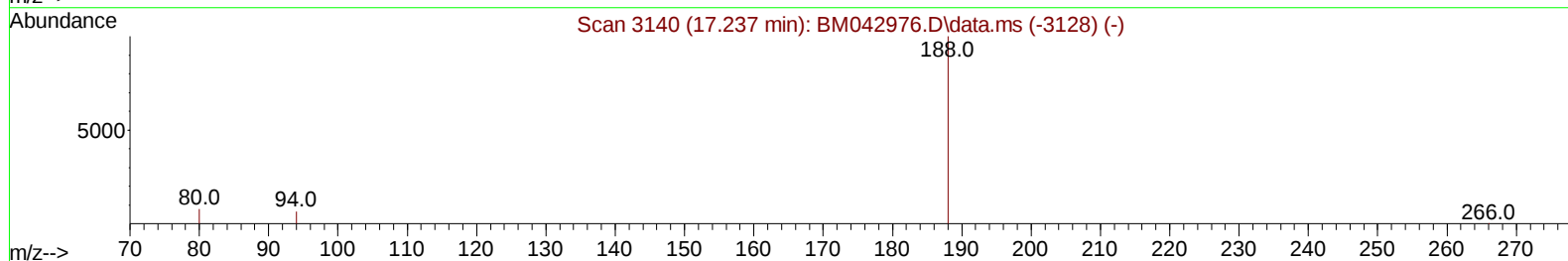
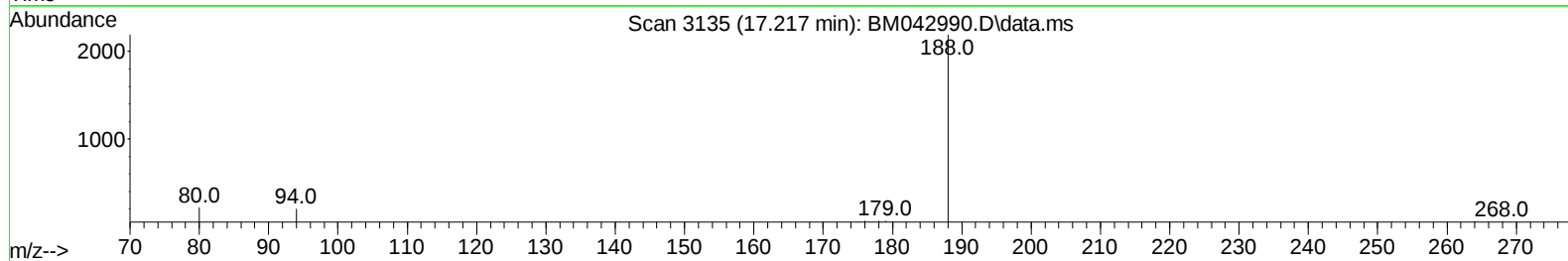
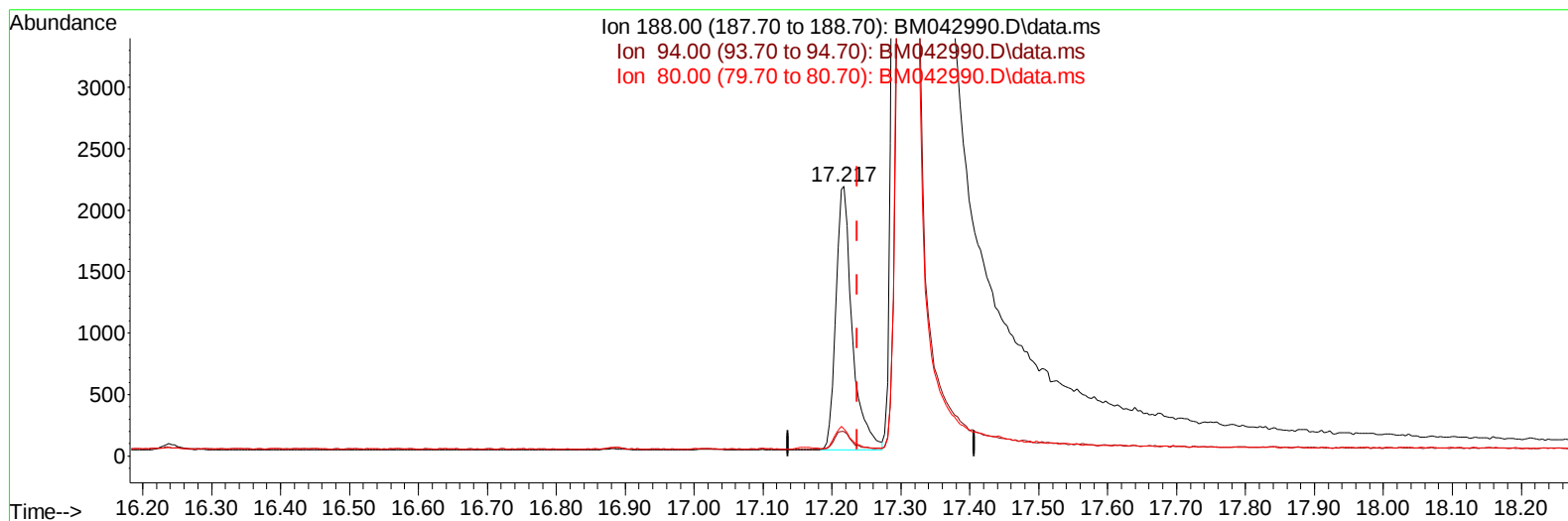
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
 Data File : BM042990.D
 Acq On : 24 Nov 2023 22:08
 Operator : MA/JU
 Sample : 05268-14
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKD6

Manual IntegrationsAPPROVED

Quant Time: Nov 24 23:24:12 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: BM042990.D\data.ms

(13) Phenanthrene-d10 (I)

17.217min (-0.020) 0.40 ng/ul m

response 3544

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.40	9.22
80.00	12.70	9.99#
0.00	0.00	0.00

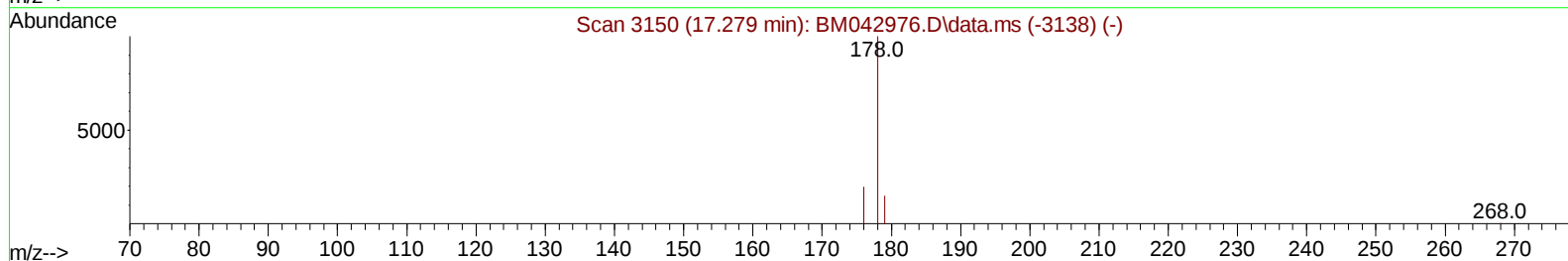
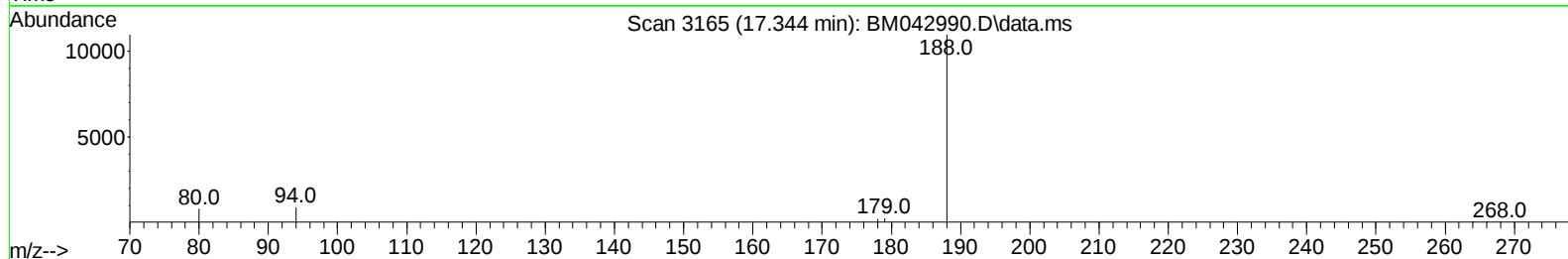
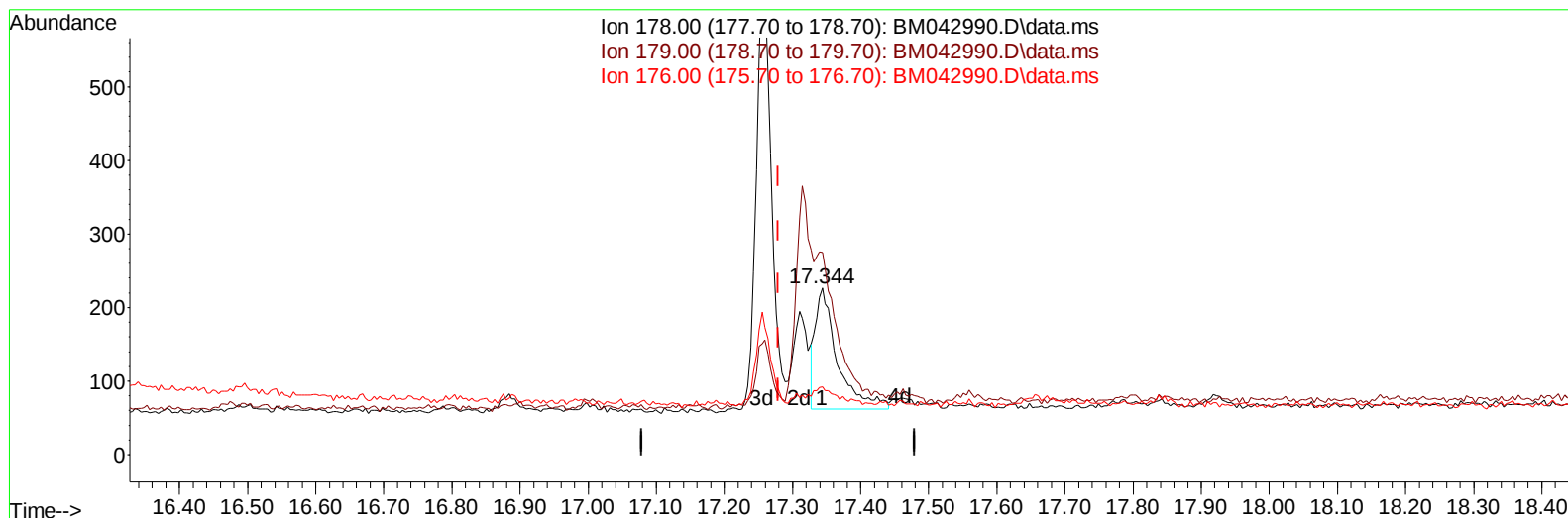
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
 Data File : BM042990.D
 Acq On : 24 Nov 2023 22:08
 Operator : MA/JU
 Sample : 05268-14
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKD6

Manual IntegrationsAPPROVED

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



TIC: BM042990.D\data.ms

(15) Phenanthrene

17.344min (+ 0.065) 0.04 ng/u1

response 371

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	19.60	121.15#
176.00	23.60	40.53#
0.00	0.00	0.00

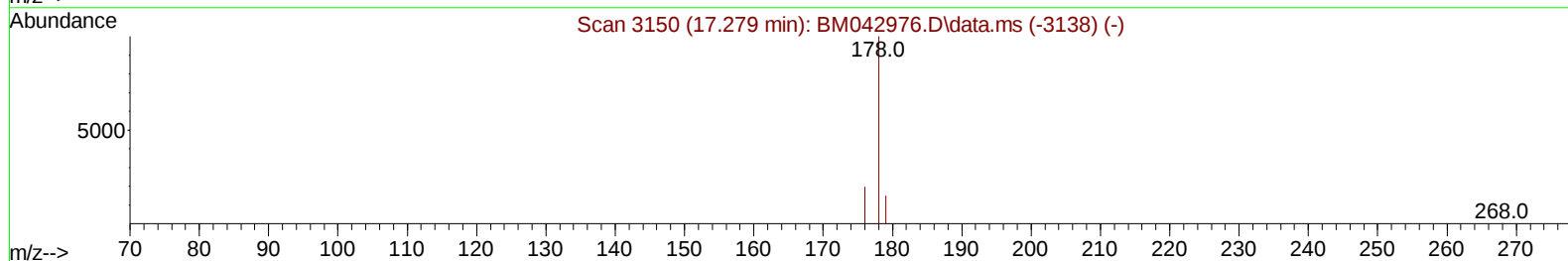
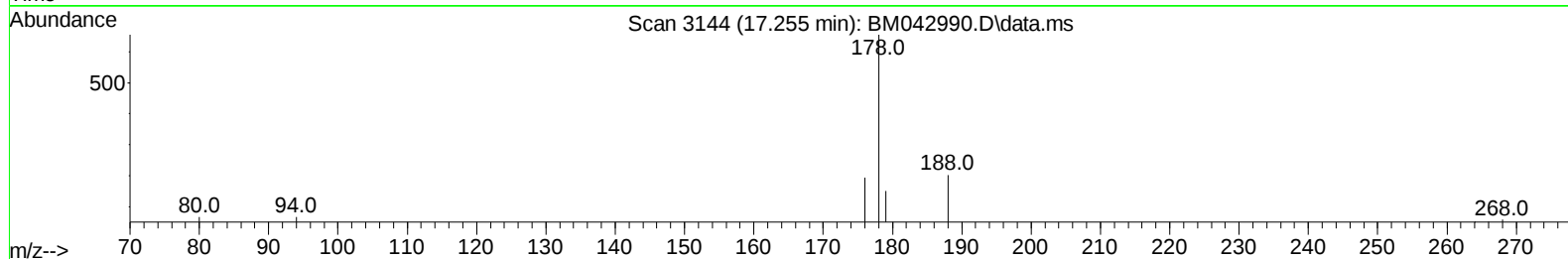
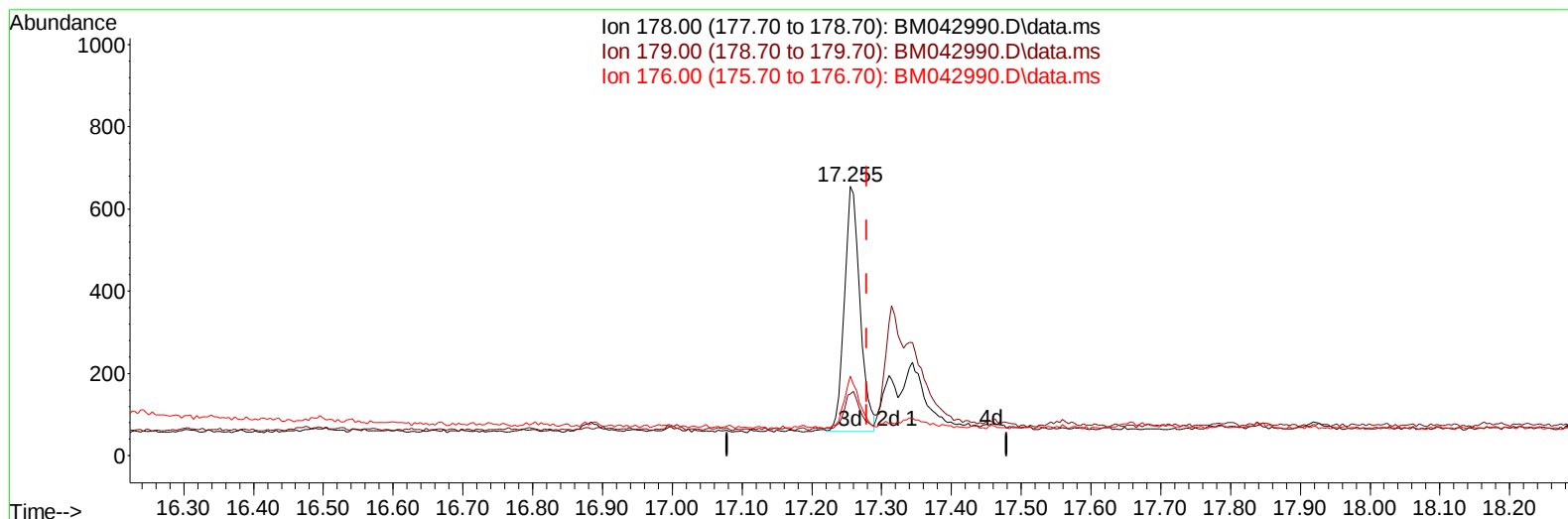
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 Data File : BM042990.D
 Acq On : 24 Nov 2023 22:08
 Operator : MA/JU
 Sample : 05268-14
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKD6

Manual IntegrationsAPPROVED

Quant Time: Nov 24 23:24:12 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: BM042990.D\data.ms

(15) Phenanthrene

17.255min (-0.024) 0.09 ng/ul m

response 920

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	19.60	23.05
176.00	23.60	29.62#
0.00	0.00	0.00

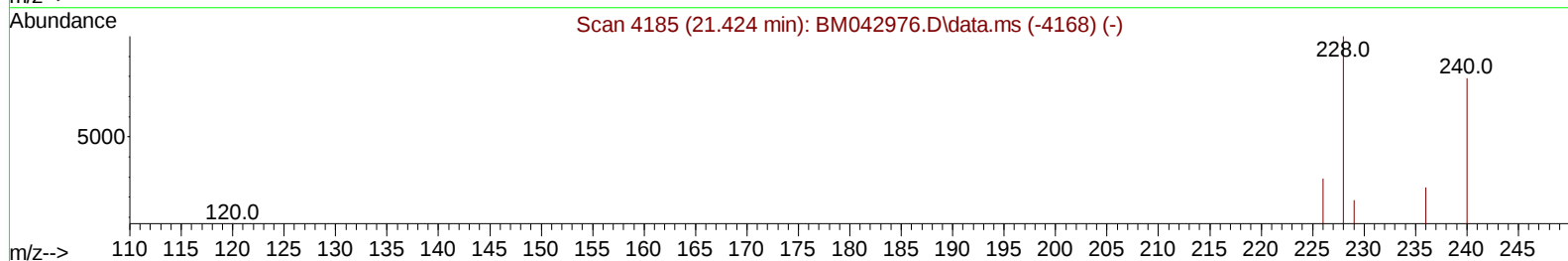
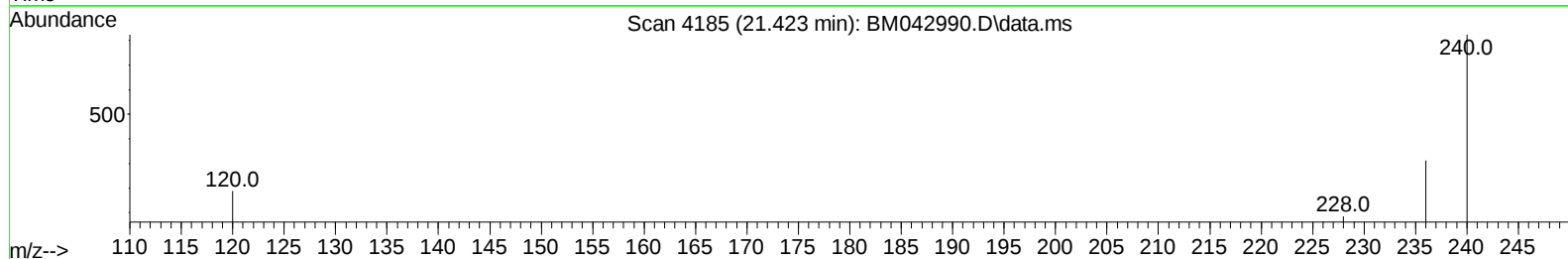
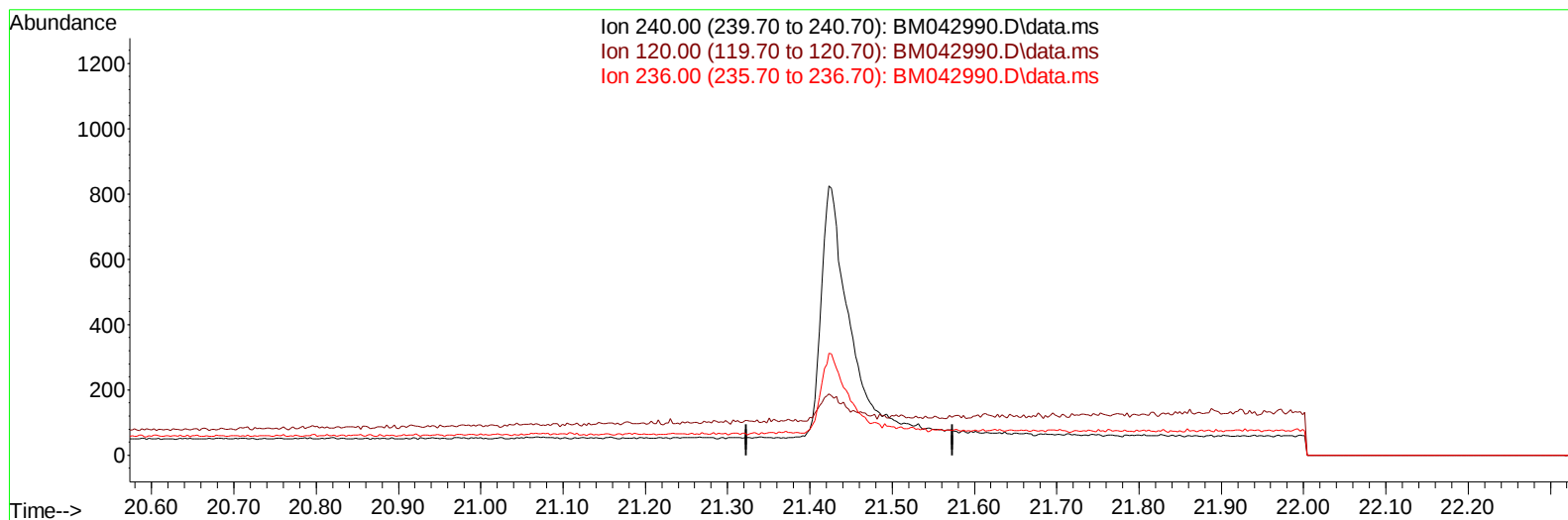
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM042990.D
Acq On : 24 Nov 2023 22:08
Operator : MA/JU
Sample : 05268-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCKD6

Manual IntegrationsAPPROVED

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TIC: BM042990.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

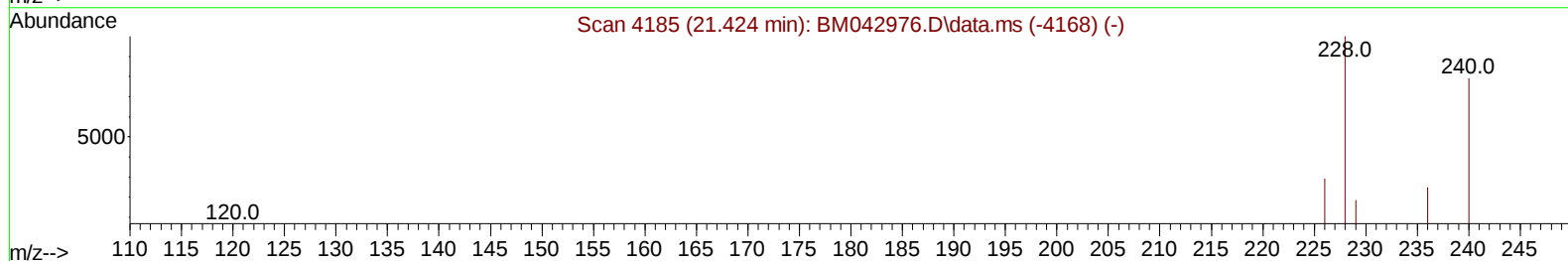
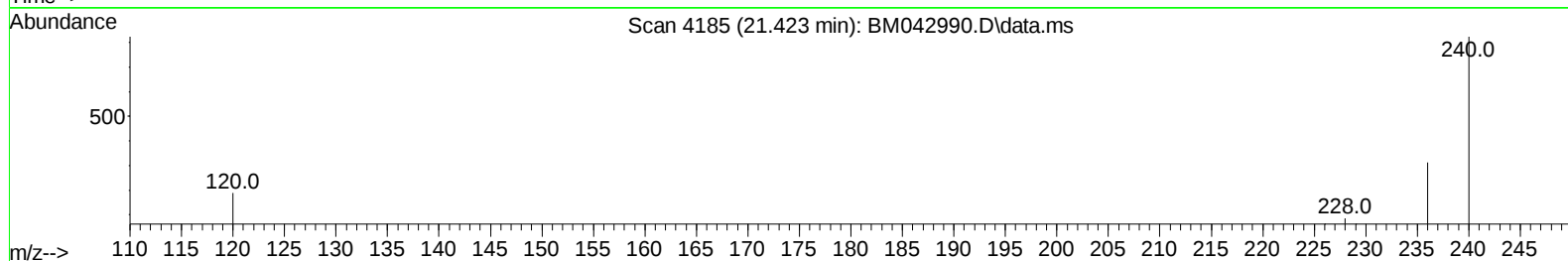
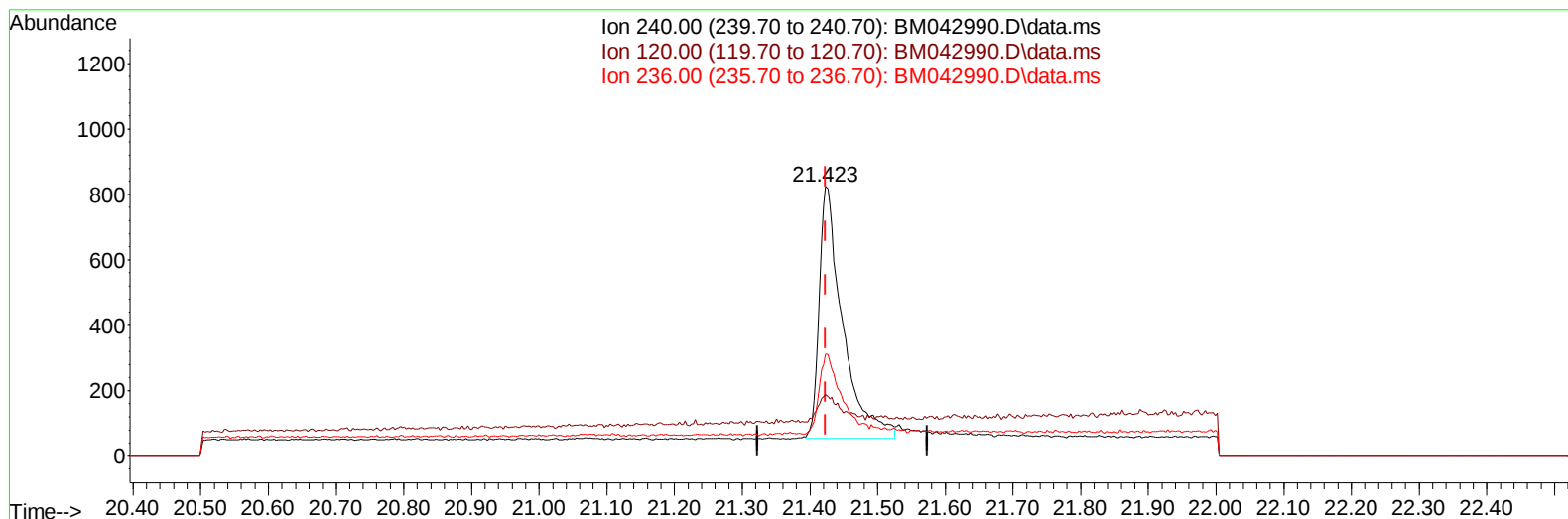
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM042990.D
Acq On : 24 Nov 2023 22:08
Operator : MA/JU
Sample : 05268-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCKD6

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 11/28/2023



TIC: BM042990.D\data.ms

(17) Chrysene-d12

21.423min (-0.000) 0.40 ng/ul m

response 1862

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	22.80	22.82
236.00	38.50	37.99
0.00	0.00	0.00

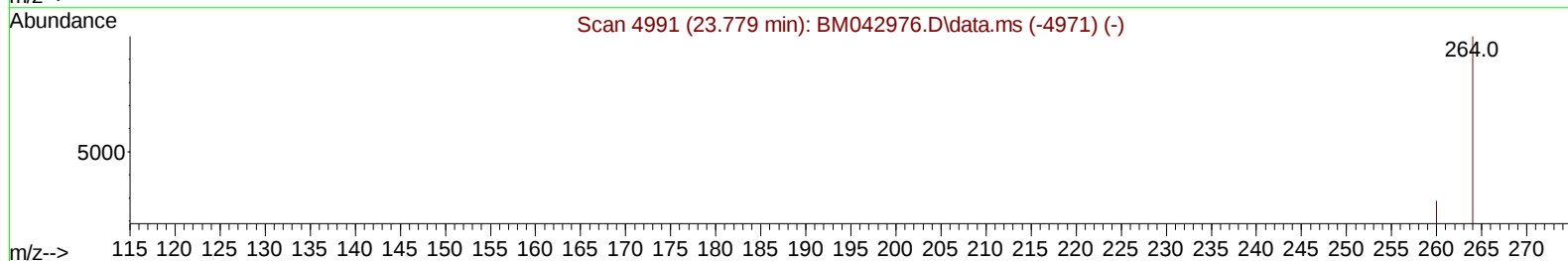
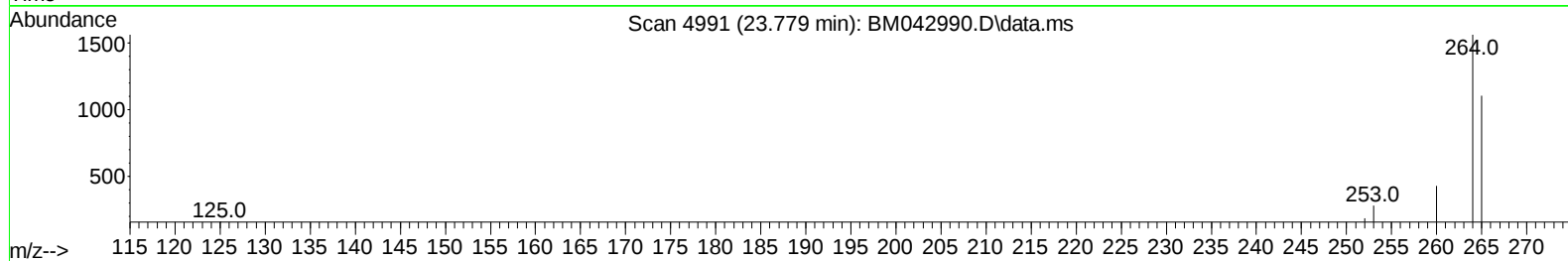
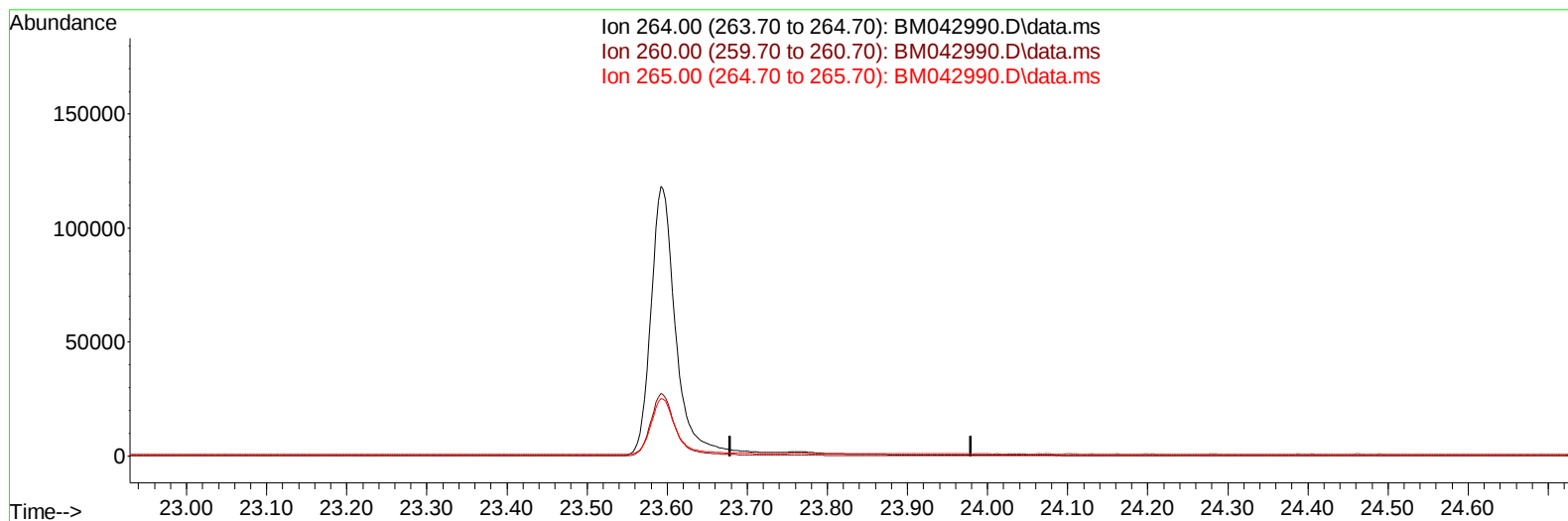
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
 Data File : BM042990.D
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 Supervised By :mohammad ahmed 11/28/2023



TIC: BM042990.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

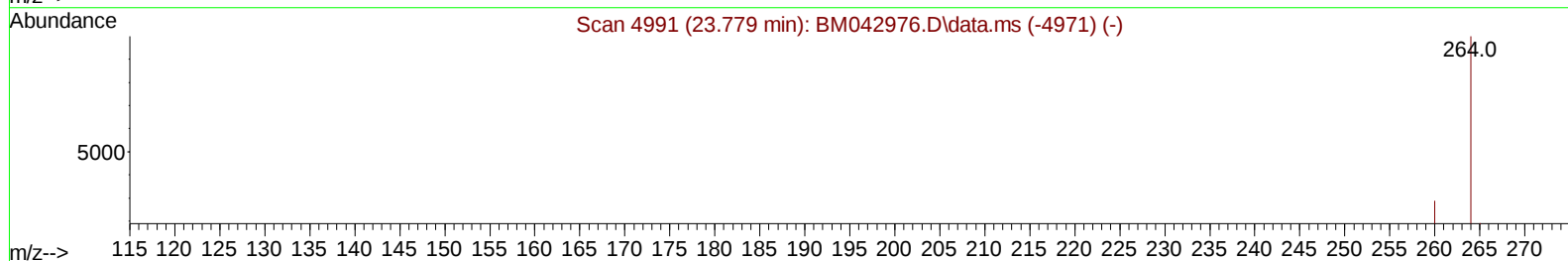
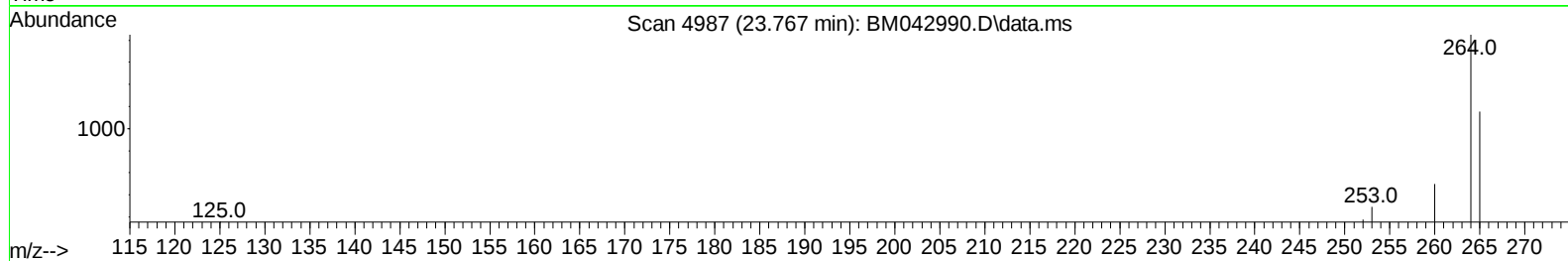
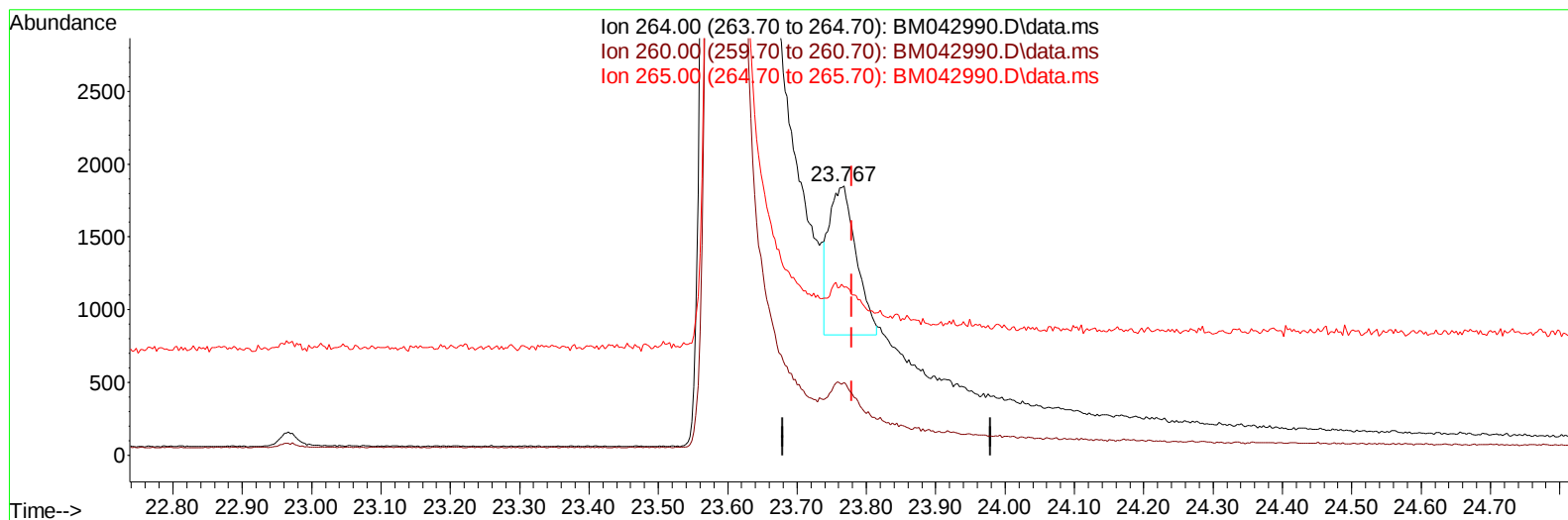
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
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 Supervised By :mohammad ahmed 11/28/2023



TIC: BM042990.D\data.ms

(23) Perylene-d12 (I)

23.767min (-0.012) 0.40 ng/ul m

response 2788

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	26.99#
265.00	120.30	62.30#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
 Data File : BM042990.D
 Acq On : 24 Nov 2023 22:08
 Operator : MA/JU
 Sample : 05268-14
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKD6

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/27/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.826	152	878m	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.612	136	2682	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.461	164	1757m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.217	188	3544m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.423	240	1862m	0.400	ng/ul	0.00
23) Perylene-d12	23.767	264	2788m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	4341	3.222	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.245	152	1050	0.293	ng/ul	0.00
18) Fluoranthene-d10	19.249	212	2935	0.433	ng/ul	-0.01
Target Compounds				Qvalue		
5) Naphthalene	10.662	128	9751	1.338	ng/ul#	84
7) 2-Methylnaphthalene	12.322	142	296	0.069	ng/ul	99
8) 1-Methylnaphthalene	12.520	142	1336	0.279	ng/ul	96
11) Acenaphthene	14.521	153	2557	0.376	ng/ul	97
12) Fluorene	15.515	166	1110	0.159	ng/ul	97
14) Pentachlorophenol	16.884	266	309	0.322	ng/ul	93
15) Phenanthrene	17.255	178	920m	0.091	ng/ul	
19) Fluoranthene	19.276	202	497	0.047	ng/ul#	65

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM042990.D
Acq On : 24 Nov 2023 22:08
Operator : MA/JU
Sample : 05268-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCKD6

Manual IntegrationsAPPROVED

Quant Time: Nov 24 23:24:12 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
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