

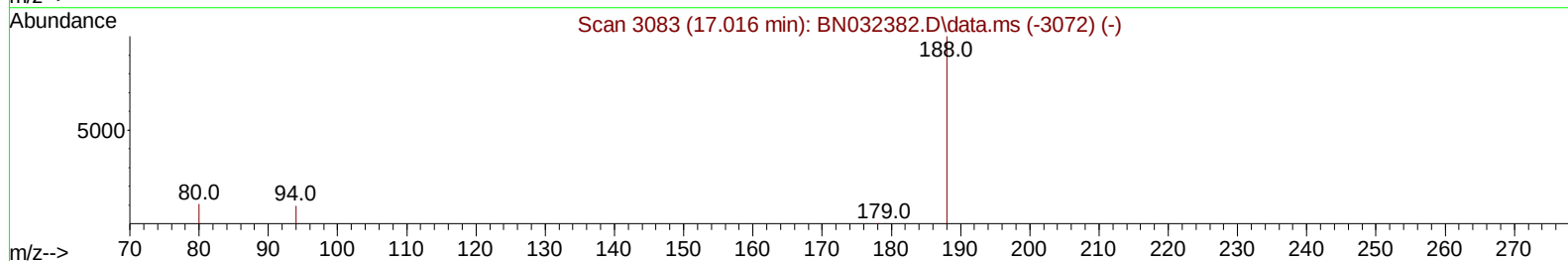
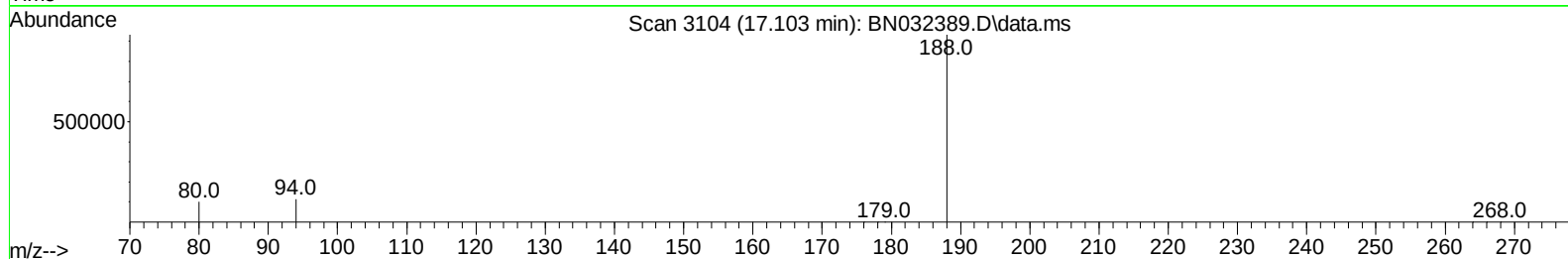
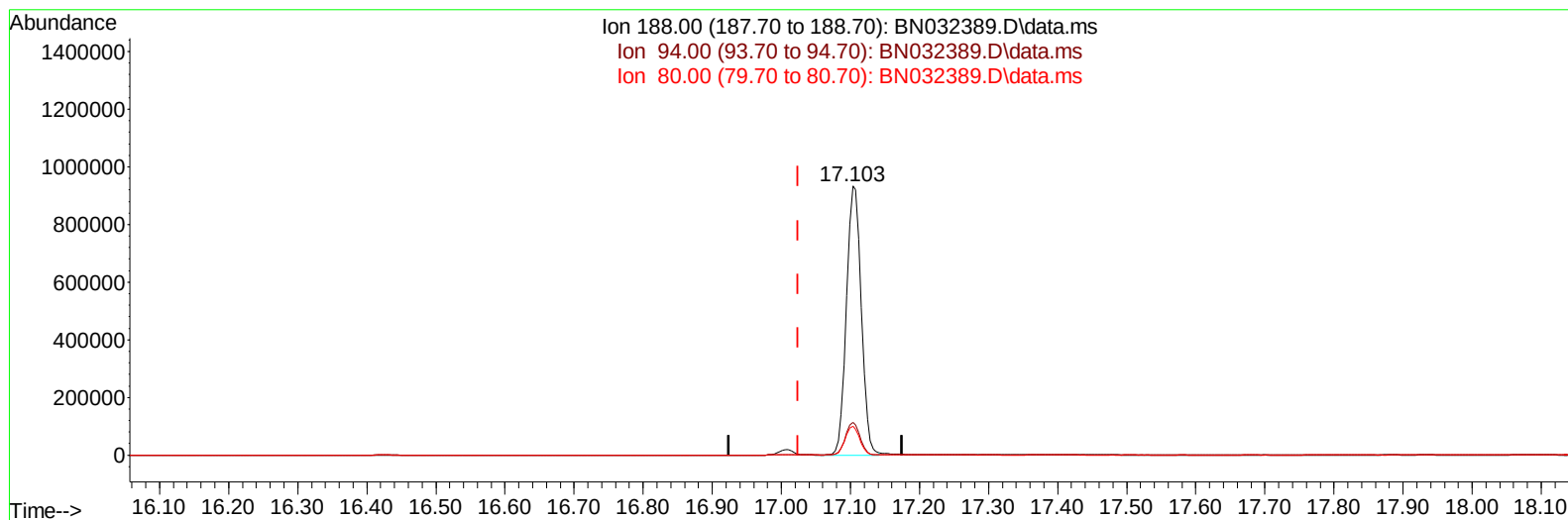
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032389.D
Acq On : 02 Jul 2024 08:09
Operator : MA/JU
Sample : P2871-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C53

Manual IntegrationsAPPROVED

Quant Time: Jul 02 08:35:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032389.D\data.ms

(13) Phenanthrene-d10 (I)

17.103min (+ 0.079) 0.40 ng/u1

response 1388568

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	12.10
80.00	10.50	10.70
0.00	0.00	0.00

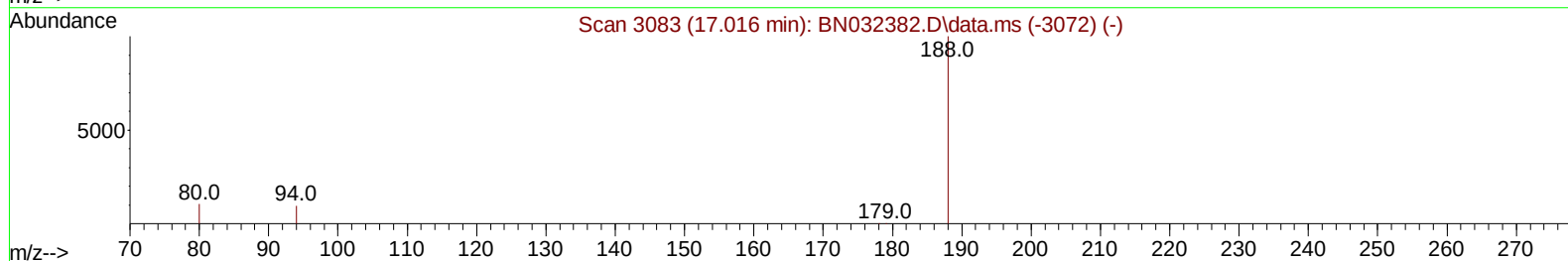
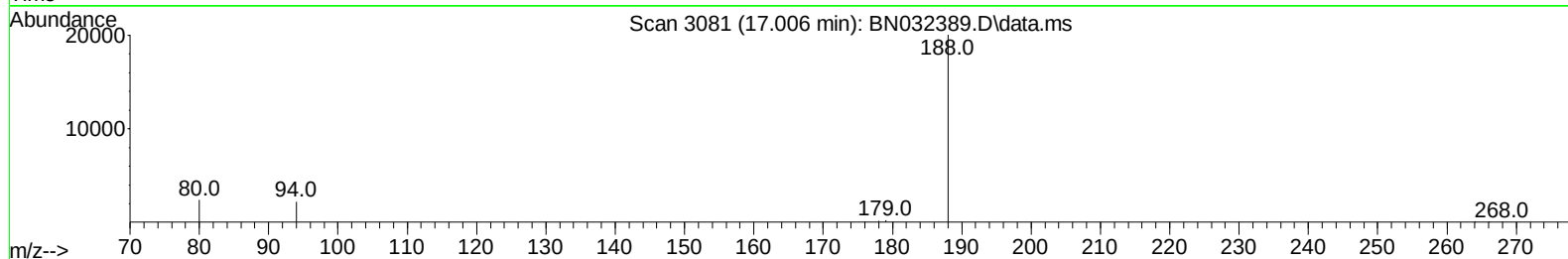
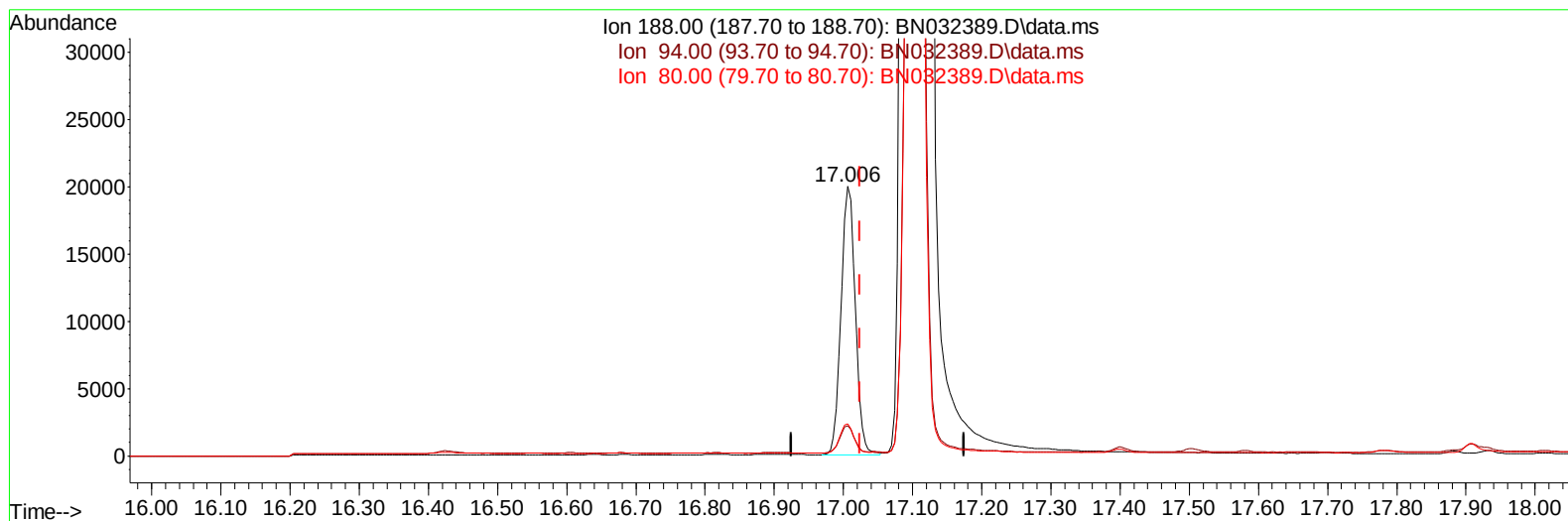
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032389.D
Acq On : 02 Jul 2024 08:09
Operator : MA/JU
Sample : P2871-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C53

Manual IntegrationsAPPROVED

Quant Time: Jul 02 08:35:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032389.D\data.ms

(13) Phenanthrene-d10 (I)

17.006min (-0.018) 0.40 ng/ul m

response 28849

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	11.27
80.00	10.50	12.04
0.00	0.00	0.00

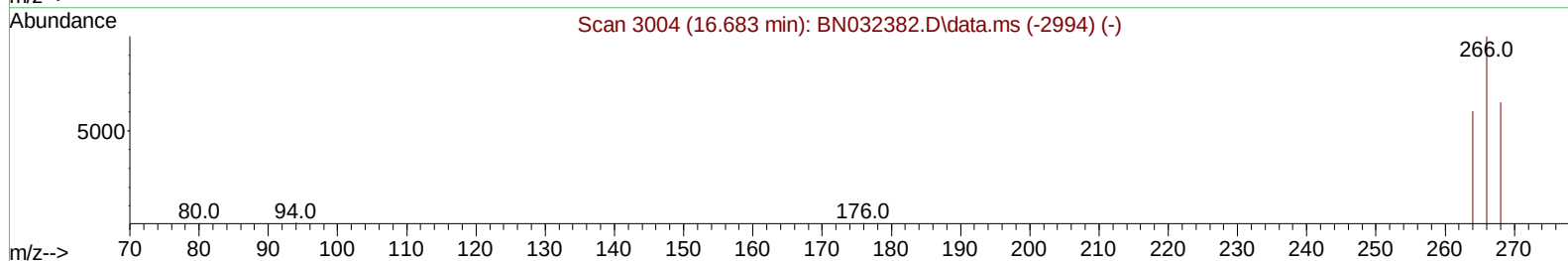
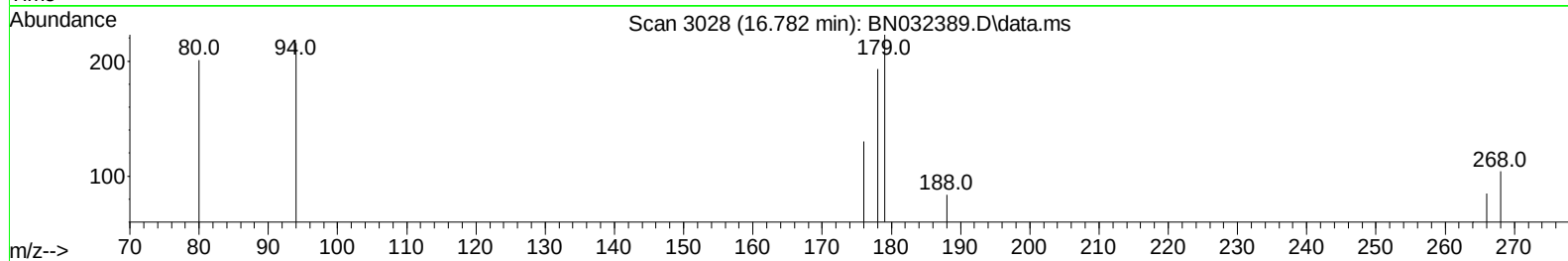
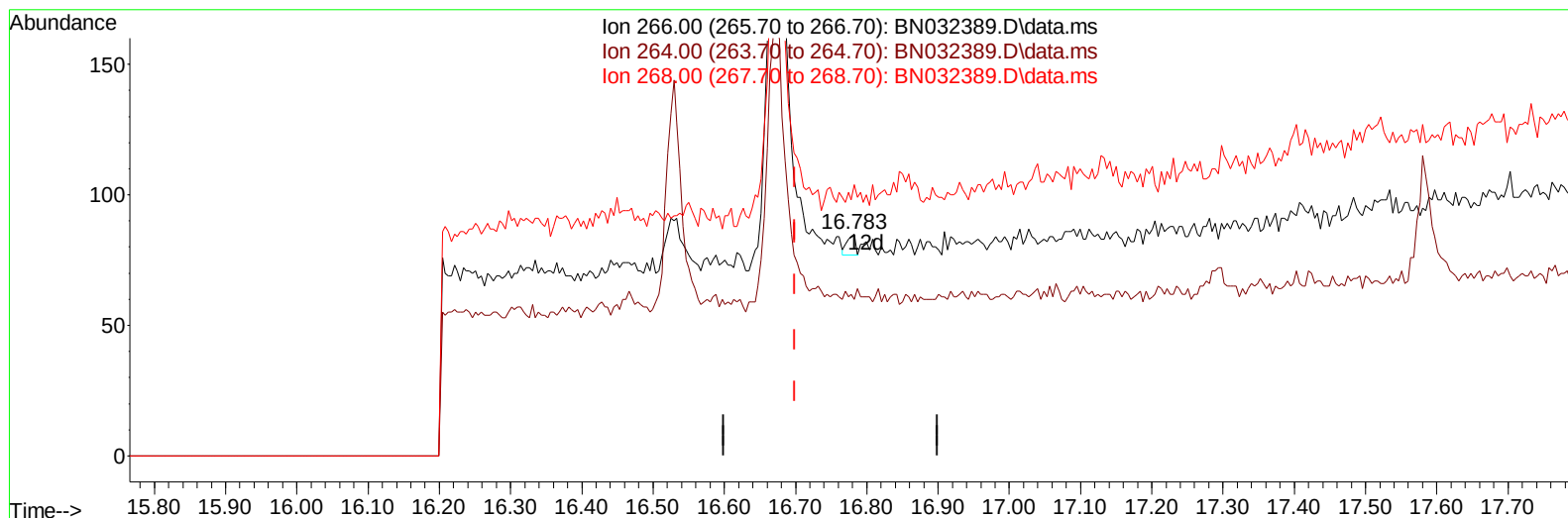
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032389.D
Acq On : 02 Jul 2024 08:09
Operator : MA/JU
Sample : P2871-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C53

Manual IntegrationsAPPROVED

Quant Time: Jul 02 08:35:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
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Reviewed By :Jagrut Upadhyay 07/02/2024
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TIC: BN032389.D\data.ms

(14) Pentachlorophenol

16.782min (+ 0.083) 0.00 ng/u1

response 6

Ion	Exp%	Act%
266.00	100.00	100.00
264.00	62.40	50.00
268.00	65.50	133.33#
0.00	0.00	0.00

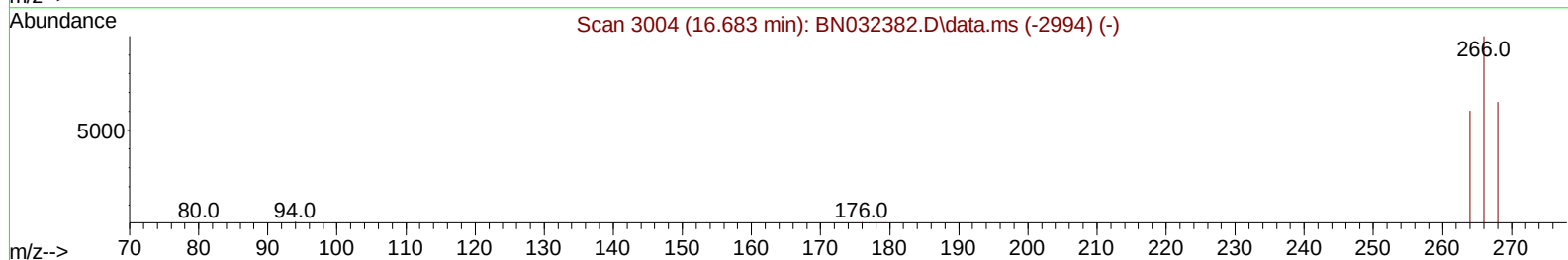
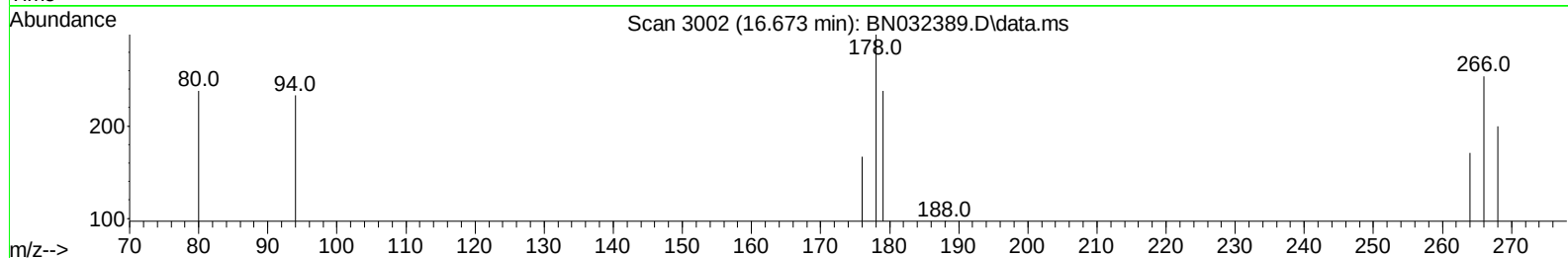
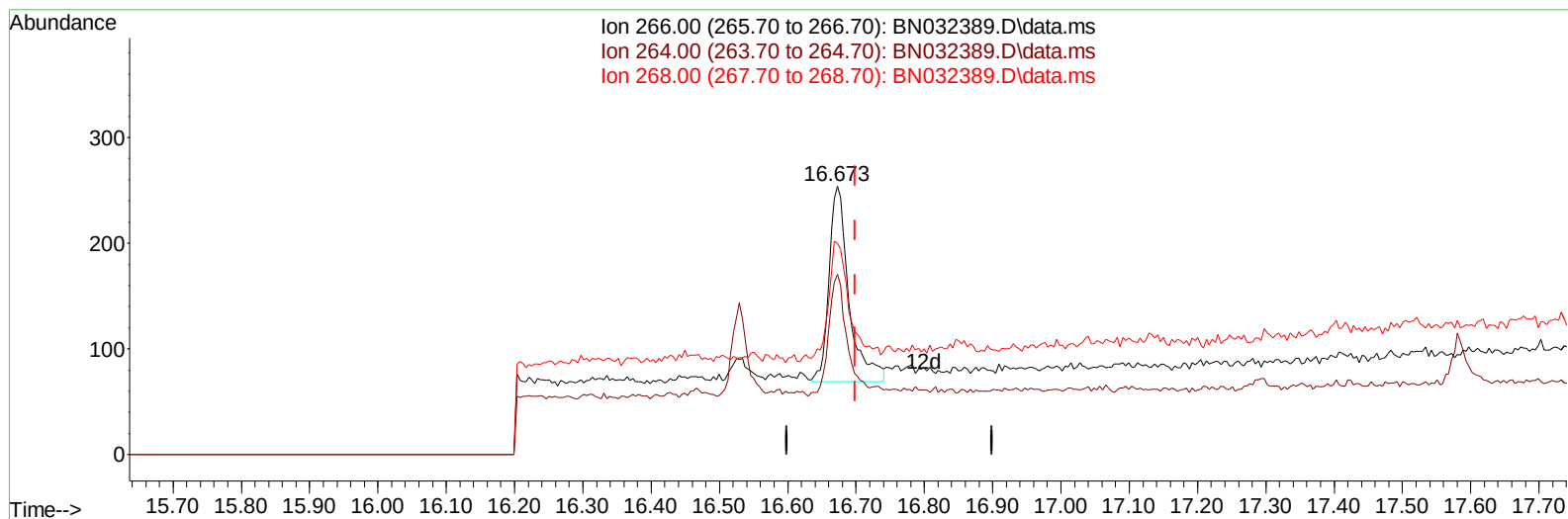
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032389.D
Acq On : 02 Jul 2024 08:09
Operator : MA/JU
Sample : P2871-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C53

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 08:35:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration



TIC: BN032389.D\data.ms

(14) Pentachlorophenol

16.673min (-0.027) 0.06 ng/ul m

response 374

Ion	Exp%	Act%
266.00	100.00	100.00
264.00	62.40	0.80#
268.00	65.50	2.14#
0.00	0.00	0.00

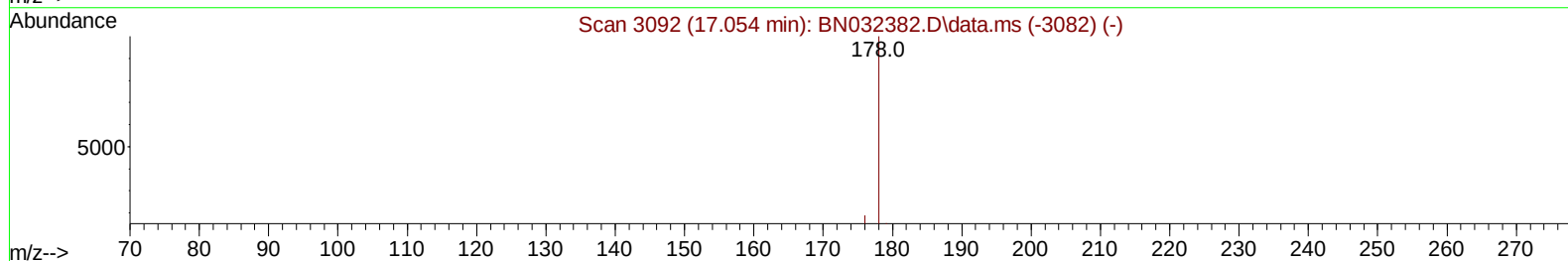
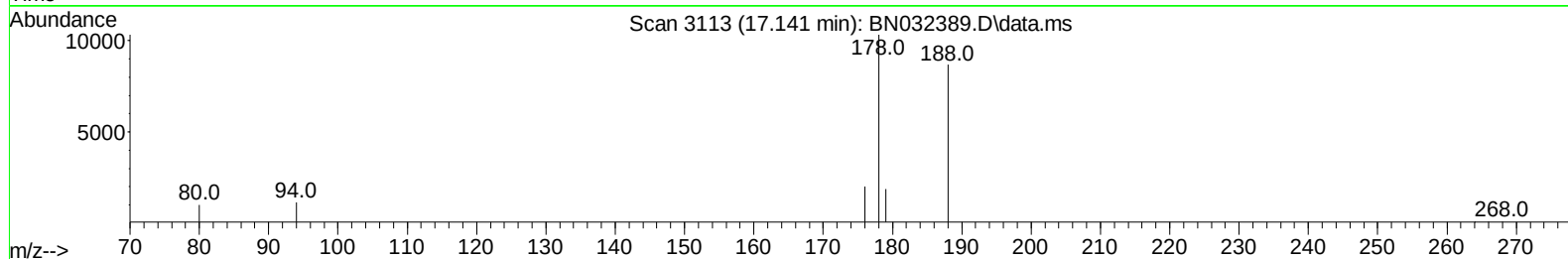
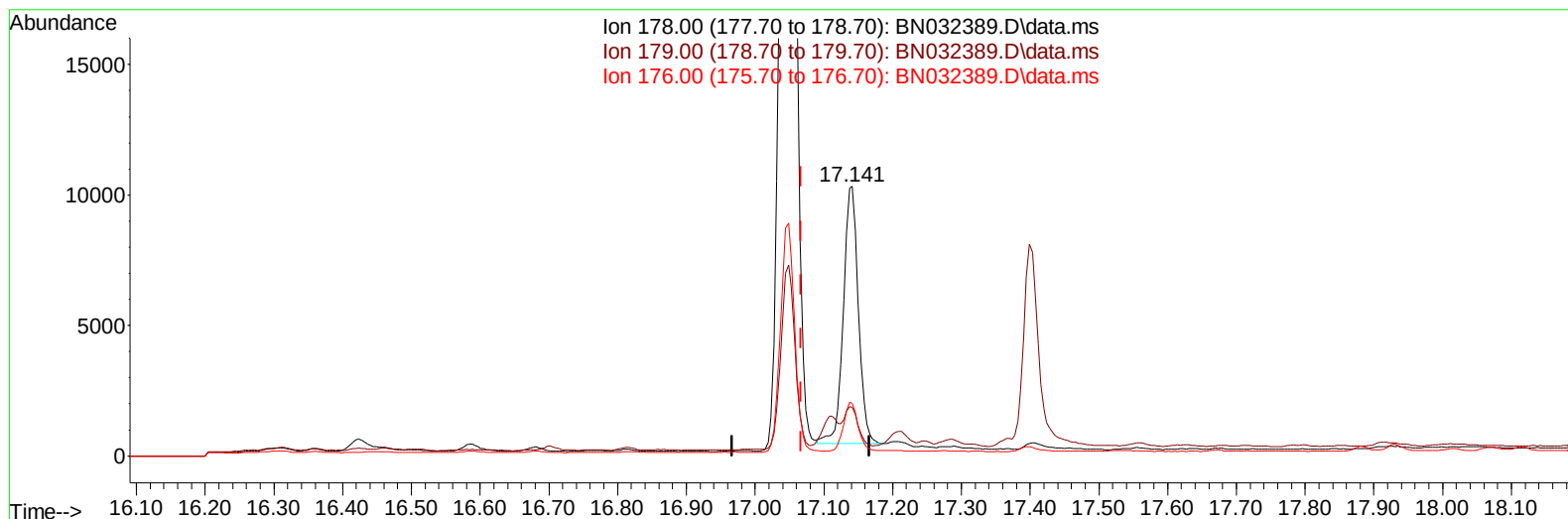
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032389.D
Acq On : 02 Jul 2024 08:09
Operator : MA/JU
Sample : P2871-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C53

Manual IntegrationsAPPROVED

Quant Time: Jul 02 08:35:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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QLast Update : Thu Jun 27 13:23:38 2024
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Reviewed By :Jagrut Upadhyay 07/02/2024
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TIC: BN032389.D\data.ms

(15) Phenanthrene

17.141min (+ 0.075) 0.19 ng/u1

response 14940

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	18.07
176.00	19.50	19.36
0.00	0.00	0.00

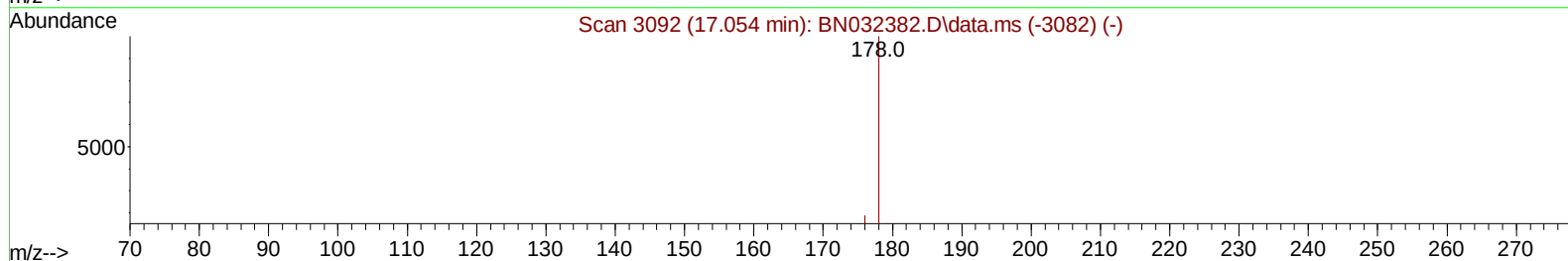
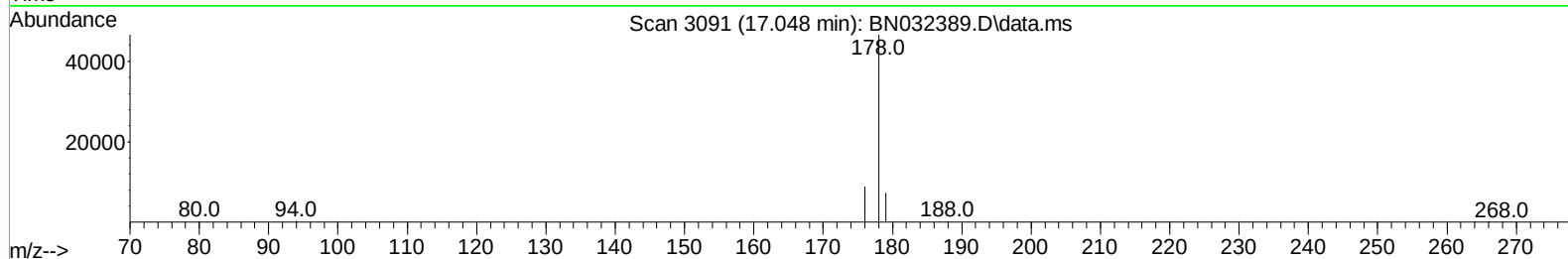
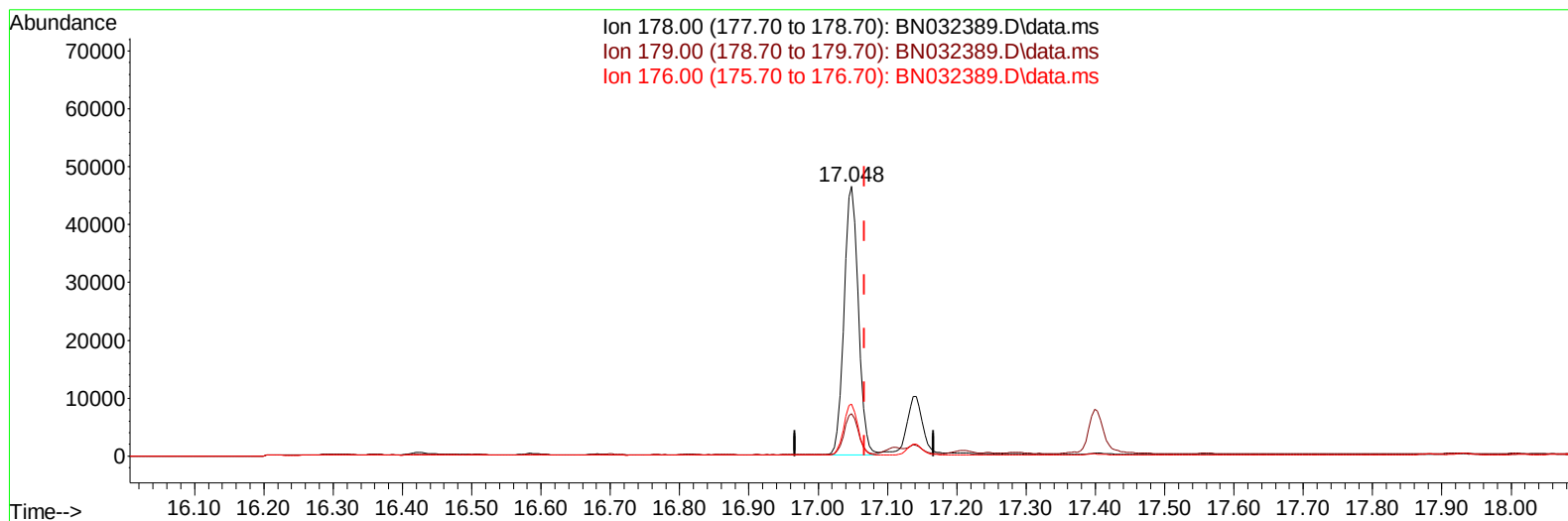
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032389.D
Acq On : 02 Jul 2024 08:09
Operator : MA/JU
Sample : P2871-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C53

Manual IntegrationsAPPROVED

Quant Time: Jul 02 08:35:40 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
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Supervised By :mohammad ahmed 07/04/2024



TIC: BN032389.D\data.ms

(15) Phenanthrene

17.048min (-0.018) 0.84 ng/ul m

response 66661

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	15.70
176.00	19.50	19.15
0.00	0.00	0.00

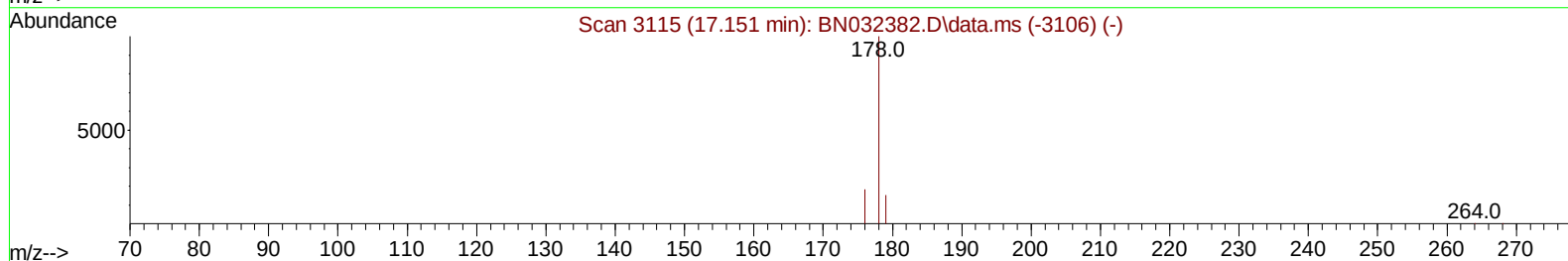
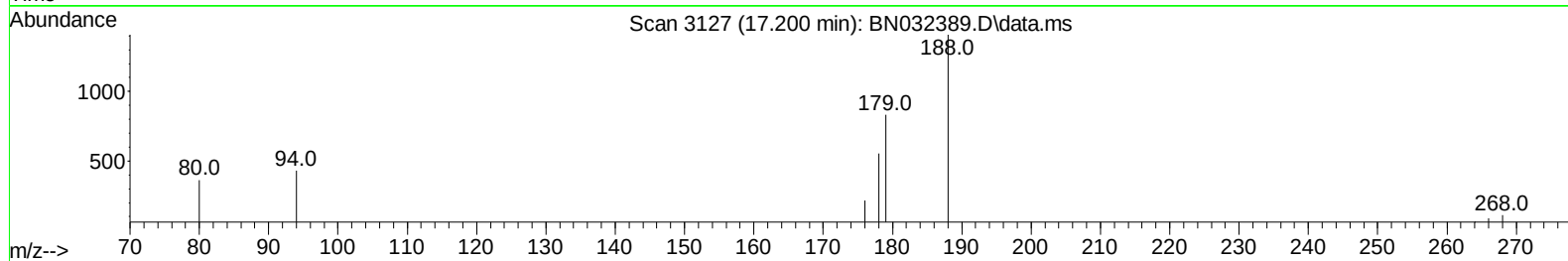
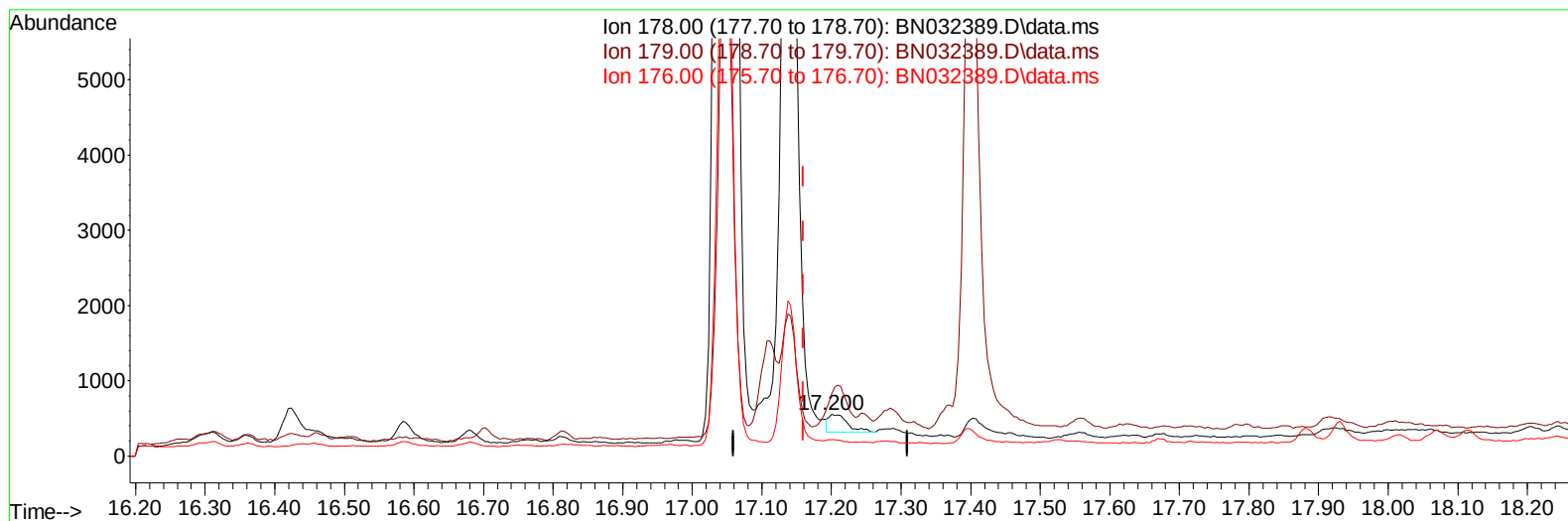
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032389.D
Acq On : 02 Jul 2024 08:09
Operator : MA/JU
Sample : P2871-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C53

Manual IntegrationsAPPROVED

Quant Time: Jul 02 08:35:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

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TIC: BN032389.D\data.ms

(16) Anthracene

17.200min (+ 0.041) 0.01 ng/u1

response 443

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	150.54#
176.00	18.80	39.13#
0.00	0.00	0.00

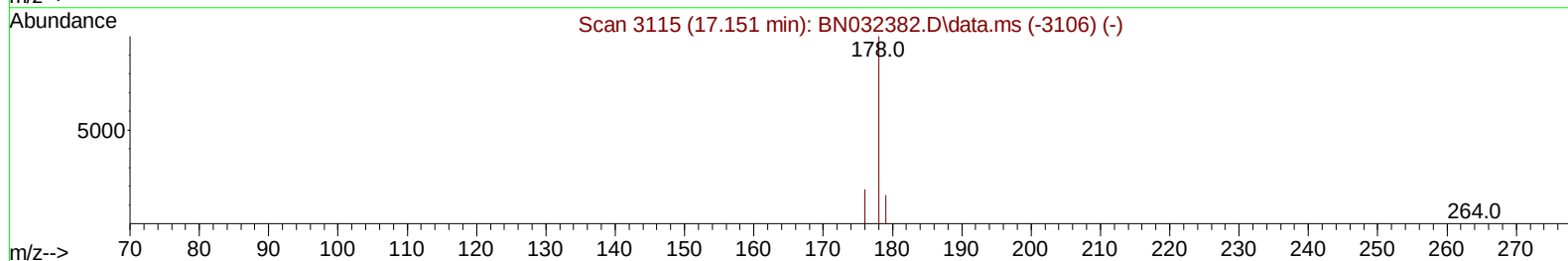
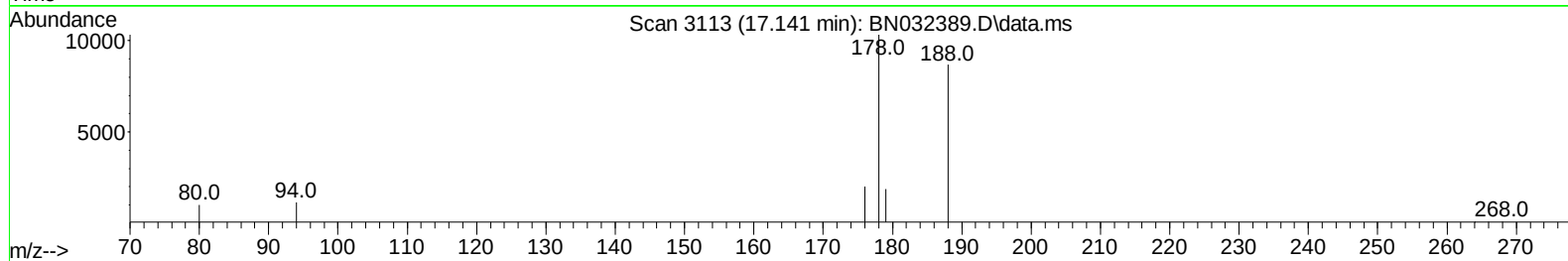
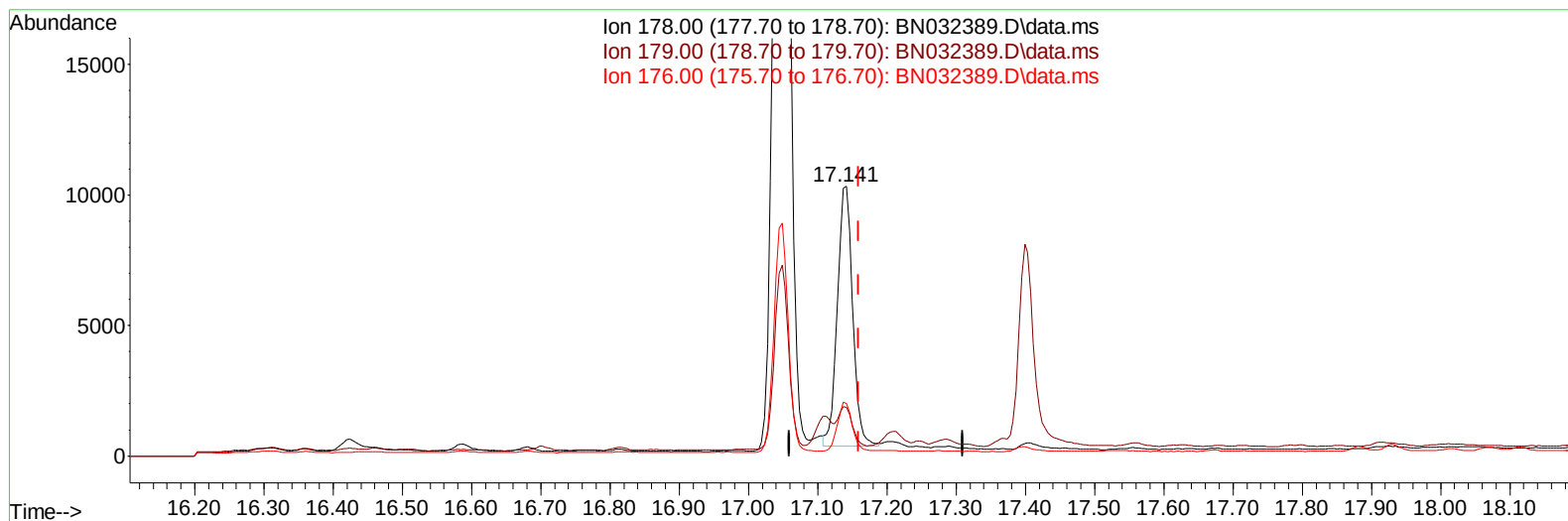
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032389.D
Acq On : 02 Jul 2024 08:09
Operator : MA/JU
Sample : P2871-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C53

Manual IntegrationsAPPROVED

Quant Time: Jul 02 08:35:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032389.D\data.ms

(16) Anthracene

17.141min (-0.018) 0.21 ng/ul m

response 15153

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	18.07
176.00	18.80	19.36
0.00	0.00	0.00

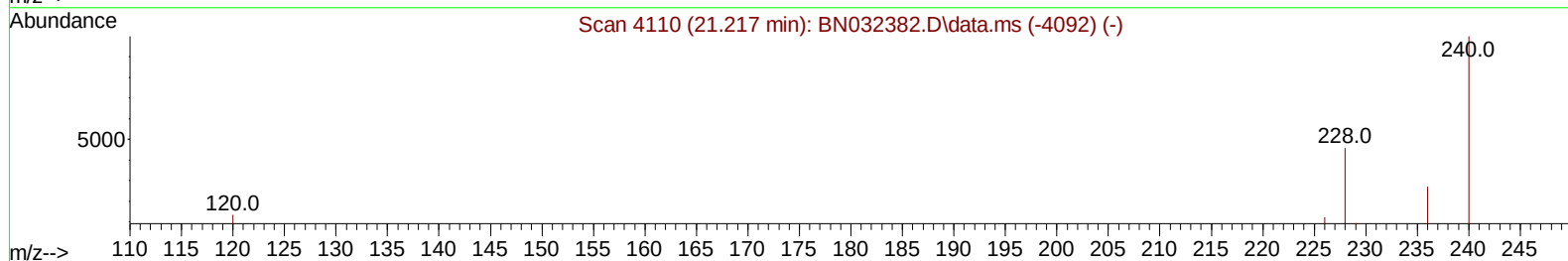
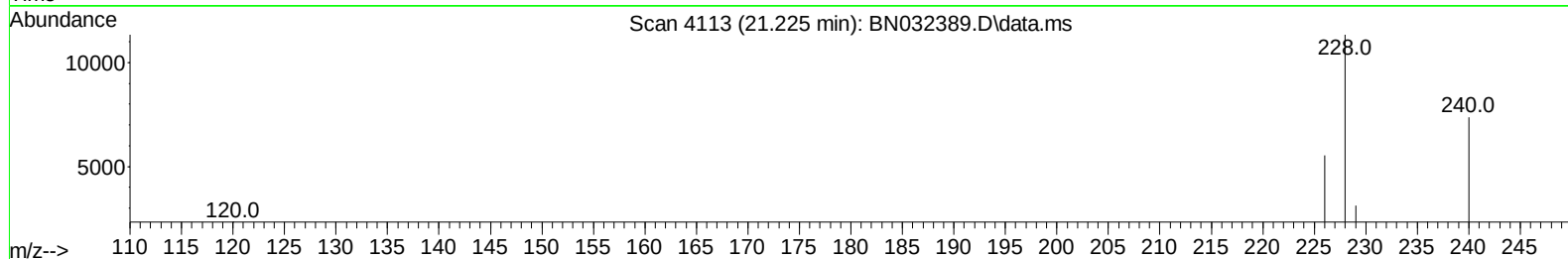
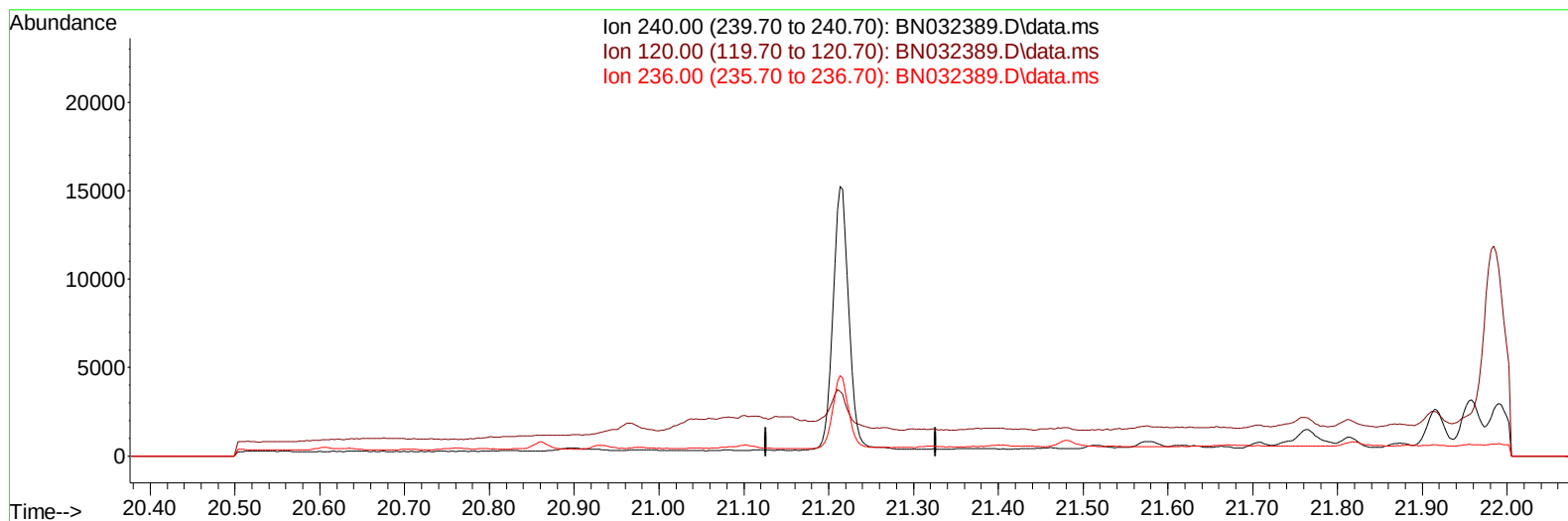
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032389.D
Acq On : 02 Jul 2024 08:09
Operator : MA/JU
Sample : P2871-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C53

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 08:35:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration



TIC: BN032389.D\data.ms

(17) Chrysene-d12

21.226min (-21.226) 0.00 ng/u1

response 0

Ion	Exp%	Act%
240.00	100.00	0.00
120.00	16.80	0.00#
236.00	28.40	0.00#
0.00	0.00	0.00

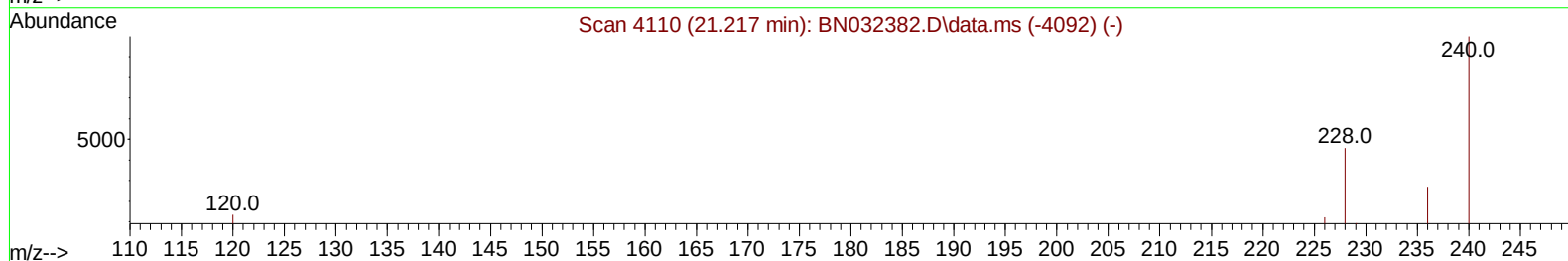
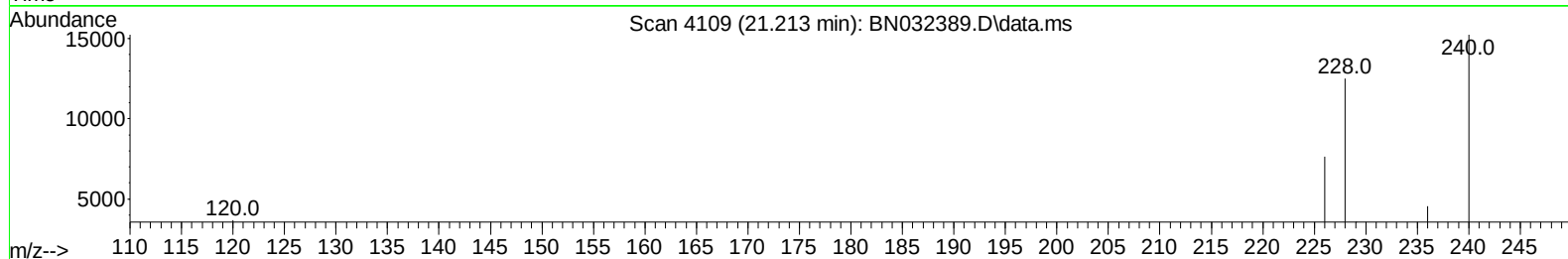
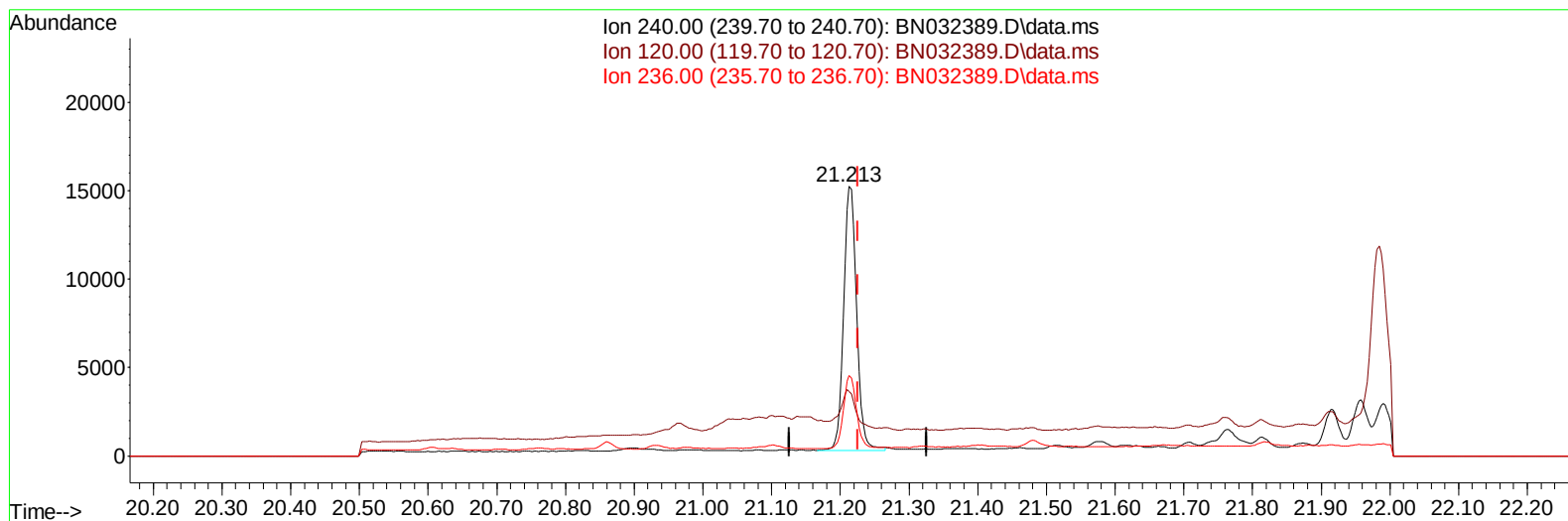
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032389.D
Acq On : 02 Jul 2024 08:09
Operator : MA/JU
Sample : P2871-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C53

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 08:35:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration



TIC: BN032389.D\data.ms

(17) Chrysene-d12

21.213min (-0.013) 0.40 ng/ul m

response 19614

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	24.06#
236.00	28.40	29.81
0.00	0.00	0.00

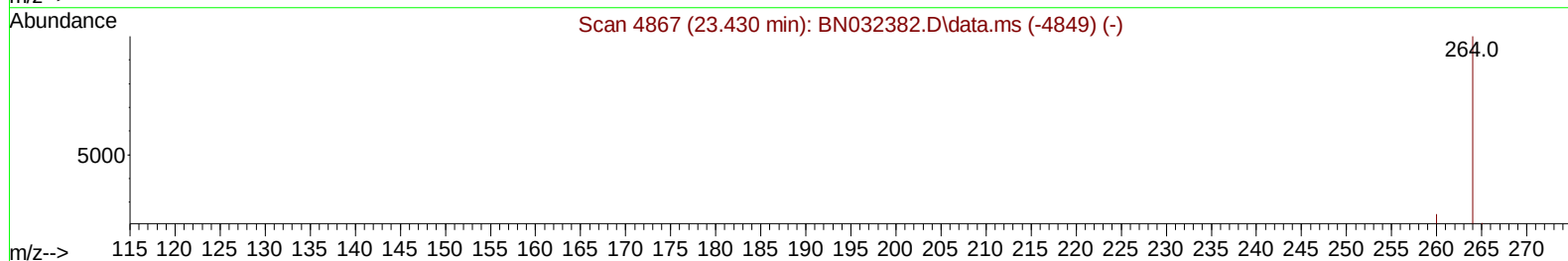
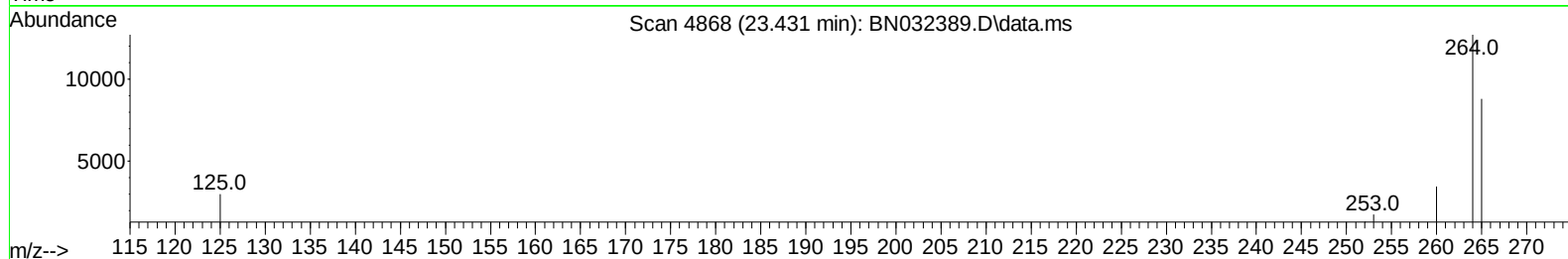
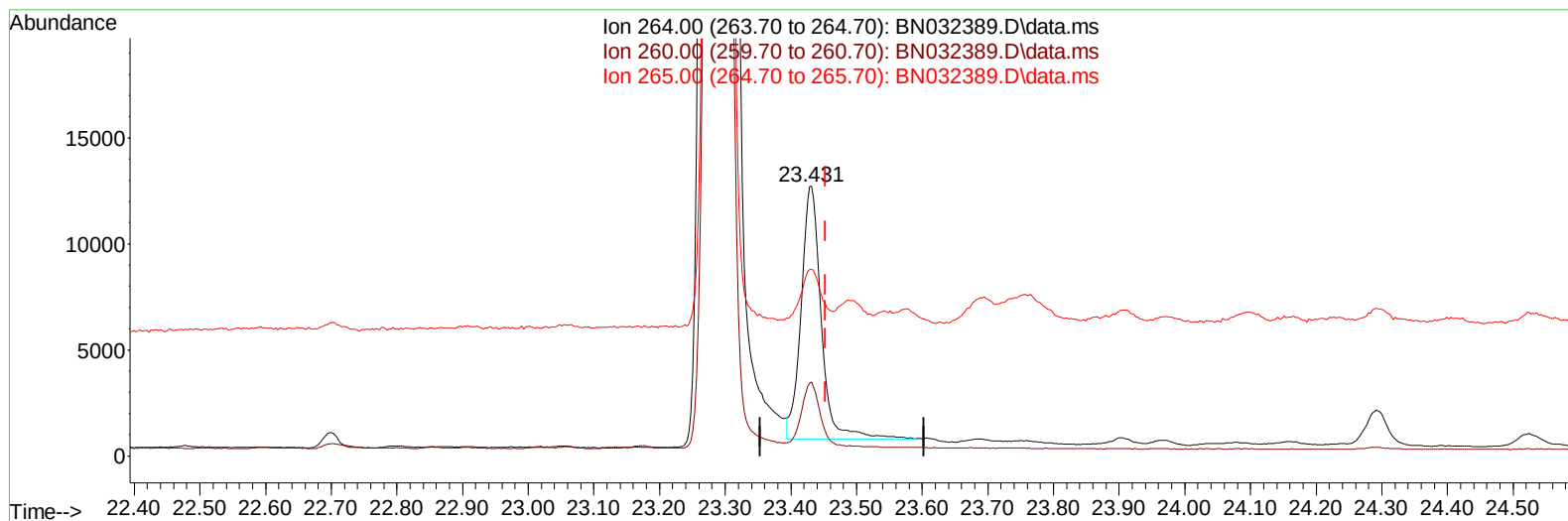
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032389.D
Acq On : 02 Jul 2024 08:09
Operator : MA/JU
Sample : P2871-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C53

Manual IntegrationsAPPROVED

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TIC: BN032389.D\data.ms

(23) Perylene-d12 (I)

23.431min (-0.022) 0.40 ng/u1

response 25467

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	27.39
265.00	67.20	69.30
0.00	0.00	0.00

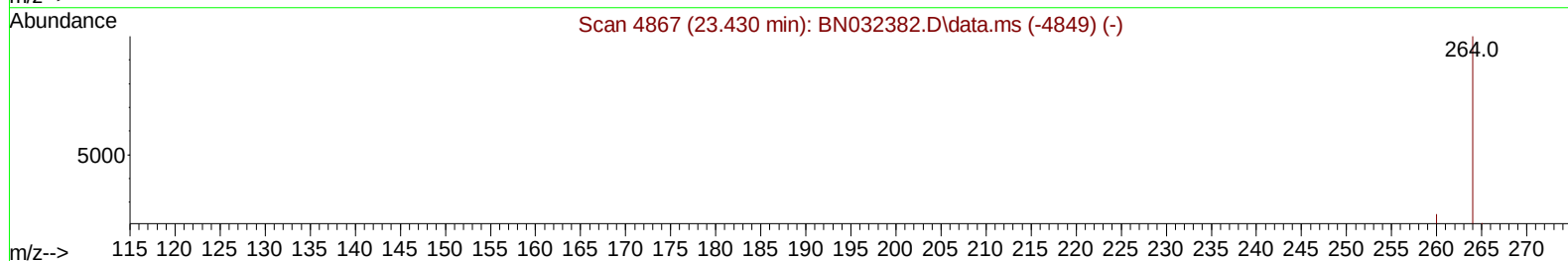
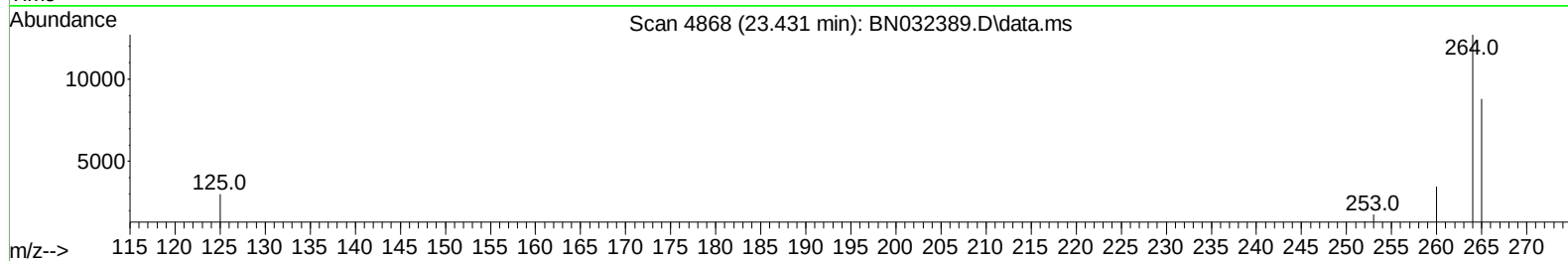
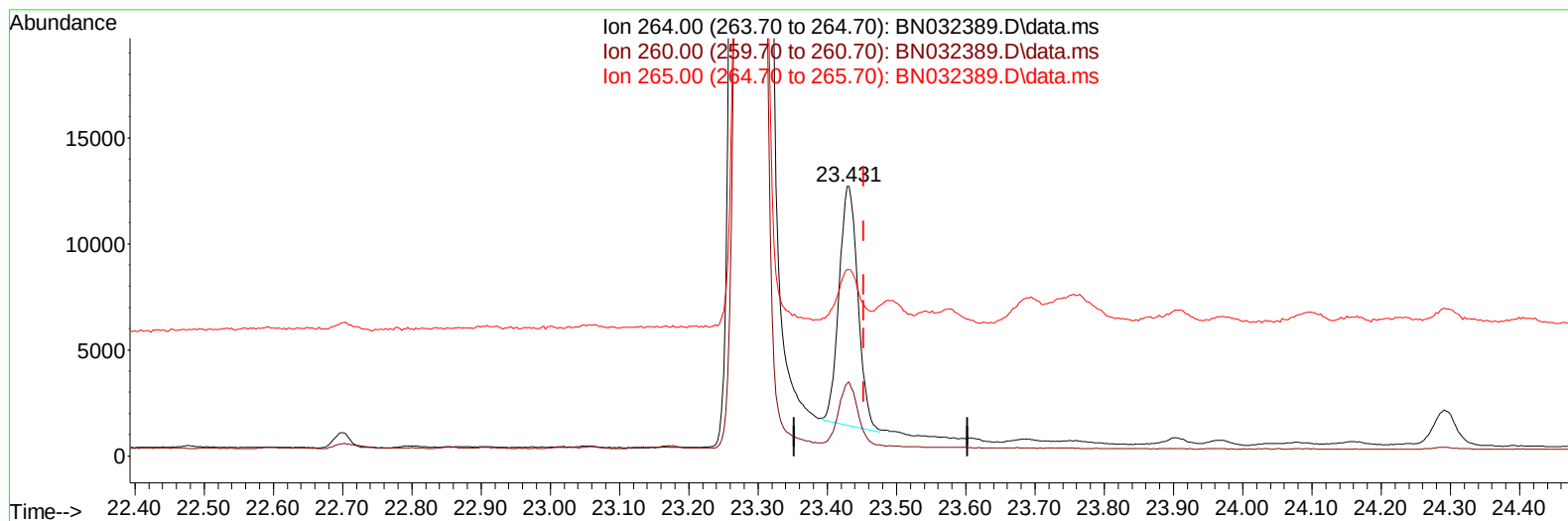
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032389.D
Acq On : 02 Jul 2024 08:09
Operator : MA/JU
Sample : P2871-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C53

Manual IntegrationsAPPROVED

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Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032389.D\data.ms

(23) Perylene-d12 (I)

23.431min (-0.022) 0.40 ng/ul m

response 21329

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	27.39
265.00	67.20	69.30
0.00	0.00	0.00

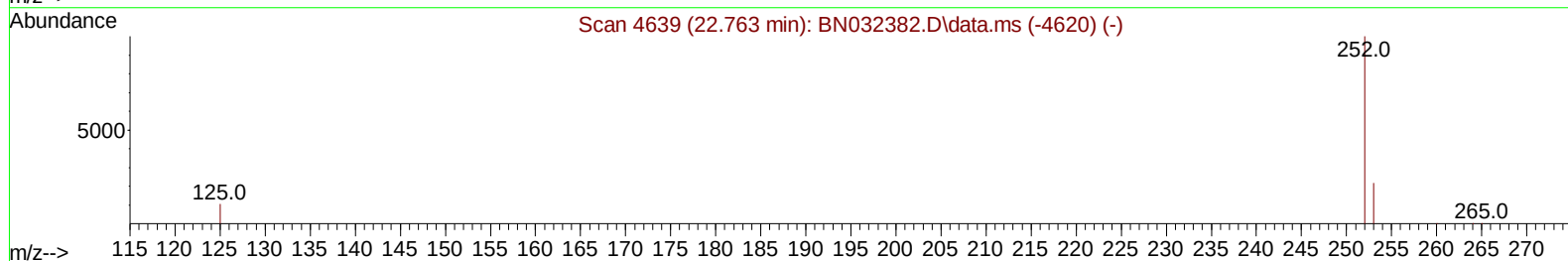
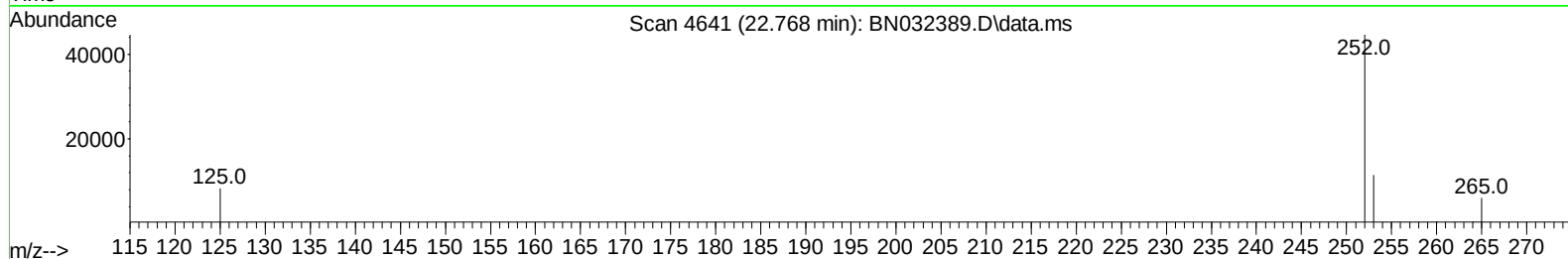
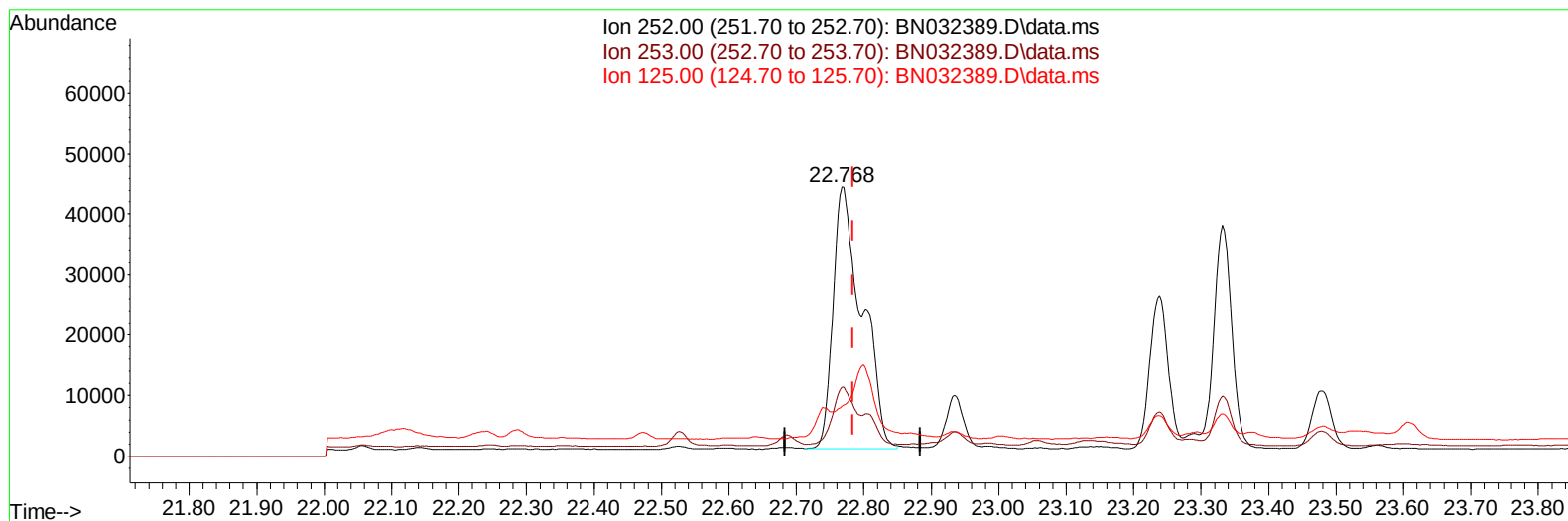
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032389.D
Acq On : 02 Jul 2024 08:09
Operator : MA/JU
Sample : P2871-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C53

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 07/04/2024



TIC: BN032389.D\data.ms

(24) Benzo(b)fluoranthene

22.768min (-0.016) 1.39 ng/u1

response 128863

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	25.60
125.00	16.00	18.53
0.00	0.00	0.00

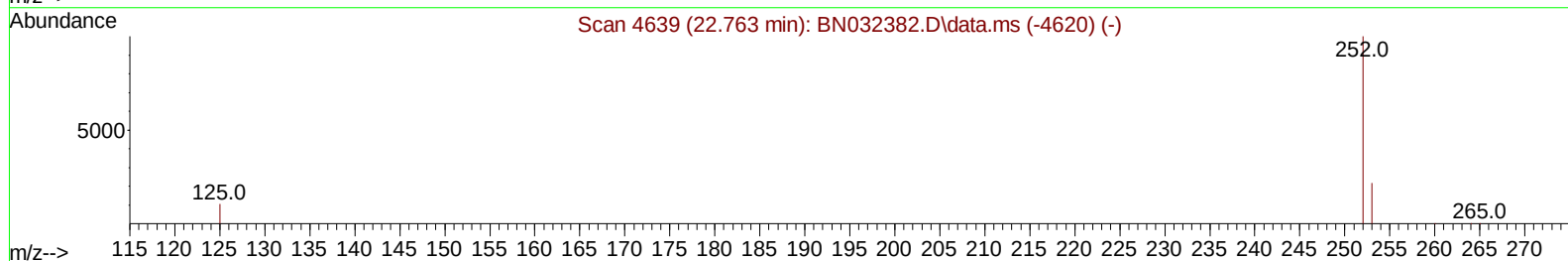
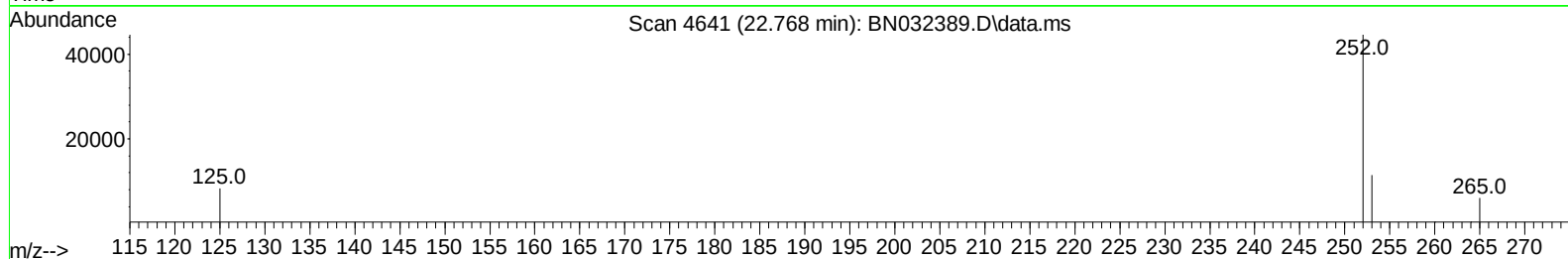
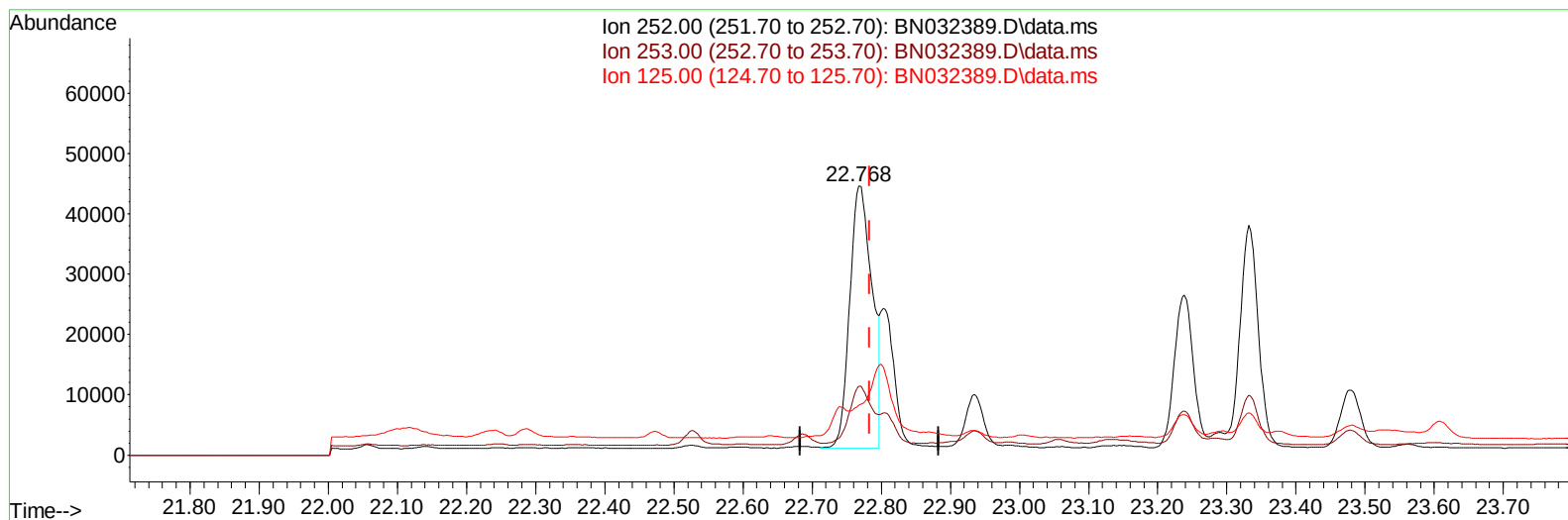
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032389.D
Acq On : 02 Jul 2024 08:09
Operator : MA/JU
Sample : P2871-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C53

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 08:35:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration



TIC: BN032389.D\data.ms

(24) Benzo(b)fluoranthene

22.768min (-0.016) 1.06 ng/ul m

response 98598

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	25.60
125.00	16.00	18.53
0.00	0.00	0.00

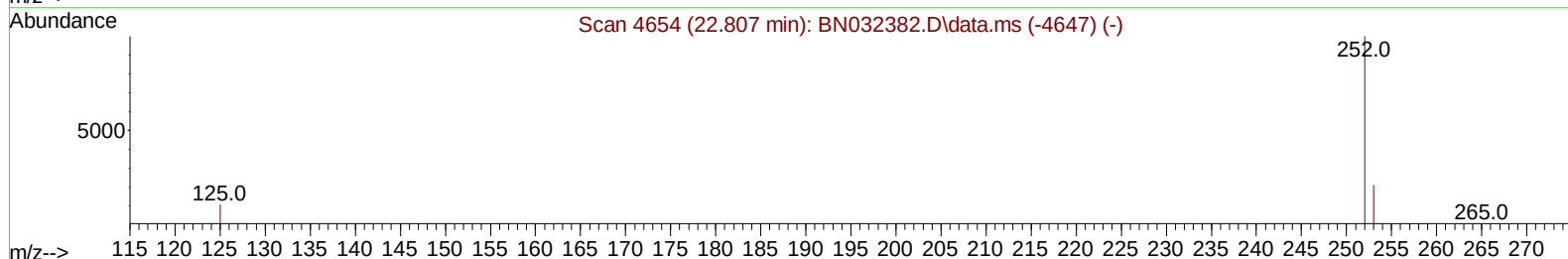
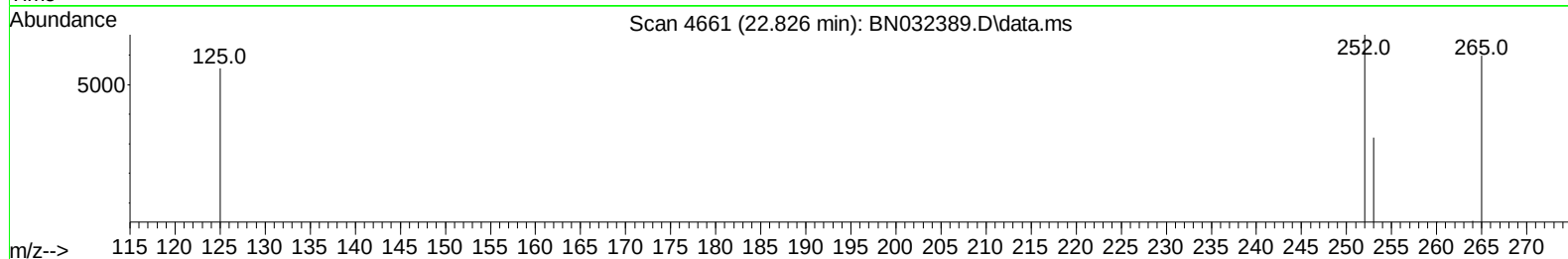
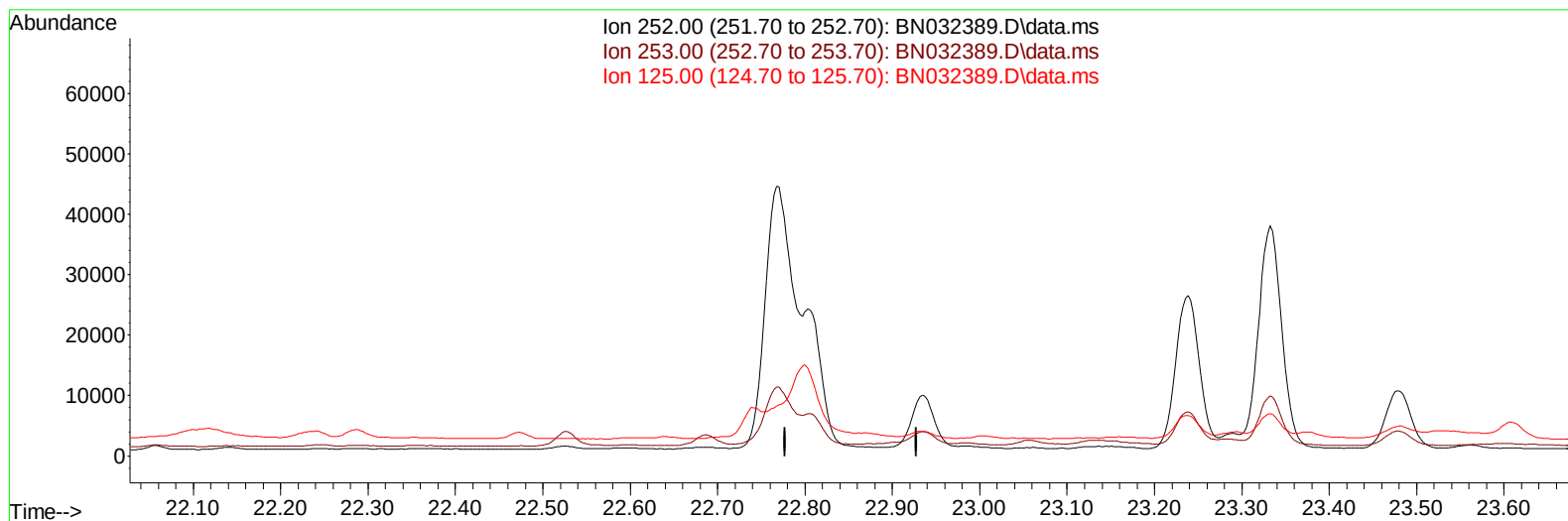
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032389.D
Acq On : 02 Jul 2024 08:09
Operator : MA/JU
Sample : P2871-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jul 02 08:35:40 2024
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TIC: BN032389.D\data.ms

(25) Benzo(k)fluoranthene

22.828min (-22.828) 0.00 ng/u1

response 0

Ion	Exp%	Act%
252.00	100.00	0.00
253.00	25.40	0.00#
125.00	16.00	0.00#
0.00	0.00	0.00

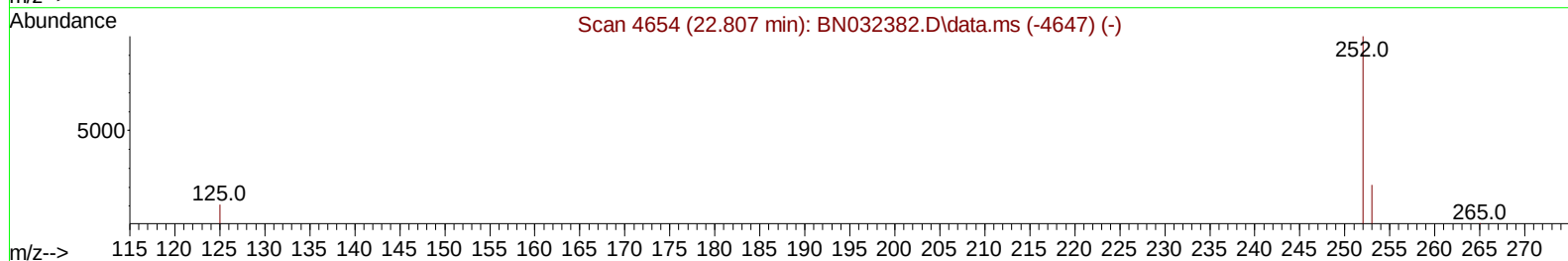
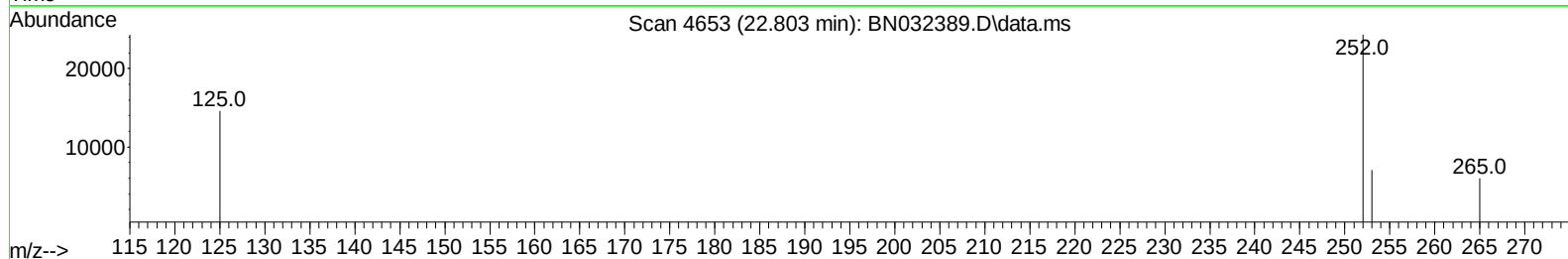
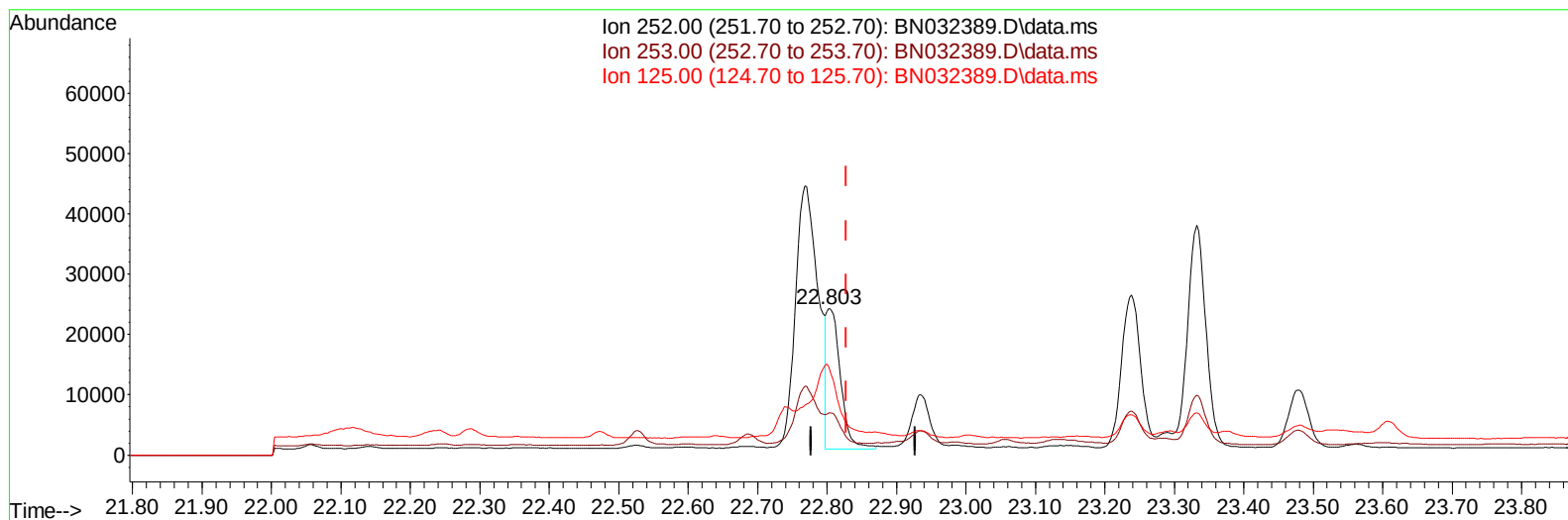
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032389.D
Acq On : 02 Jul 2024 08:09
Operator : MA/JU
Sample : P2871-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C53

Manual IntegrationsAPPROVED

Quant Time: Jul 02 08:35:40 2024
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Supervised By :mohammad ahmed 07/04/2024



TIC: BN032389.D\data.ms

(25) Benzo(k)fluoranthene

22.803min (-0.025) 0.36 ng/ul m

response 32526

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	28.83
125.00	16.00	59.85#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032389.D
 Acq On : 02 Jul 2024 08:09
 Operator : MA/JU
 Sample : P2871-05
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4C53

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 08:35:40 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	8981	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.381	136	28709	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.252	164	16538	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.006	188	28849m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.213	240	19614m	0.400	ng/ul	-0.01
23) Perylene-d12	23.431	264	21329m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	29619	2.967	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.981	152	10231	0.238	ng/ul	-0.02
18) Fluoranthene-d10	19.044	212	17339	0.294	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.430	128	4219	0.056	ng/ul#	92
7) 2-Methylnaphthalene	12.052	142	1727	0.034	ng/ul	99
8) 1-Methylnaphthalene	12.278	142	1188	0.023	ng/ul	98
10) Acenaphthylene	13.970	152	10592	0.154	ng/ul	96
11) Acenaphthene	14.317	153	2472	0.046	ng/ul	98
12) Fluorene	15.307	166	3251	0.051	ng/ul#	96
14) Pentachlorophenol	16.673	266	374m	0.057	ng/ul	
15) Phenanthrene	17.048	178	66661m	0.843	ng/ul	
16) Anthracene	17.141	178	15153m	0.215	ng/ul	
19) Fluoranthene	19.077	202	139664	1.870	ng/ul	99
20) Pyrene	19.439	202	125299	1.605	ng/ul	99
21) Benzo(a)anthracene	21.198	228	64178	0.907	ng/ul	95
22) Chrysene	21.248	228	67848	0.873	ng/ul	96
24) Benzo(b)fluoranthene	22.768	252	98598m	1.064	ng/ul	
25) Benzo(k)fluoranthene	22.803	252	32526m	0.361	ng/ul	
26) Benzo(a)pyrene	23.332	252	67533	1.047	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.662	276	50902	0.504	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.665	278	12498	0.167	ng/ul#	44
29) Benzo(g,h,i)perylene	26.349	276	51357	0.639	ng/ul	96

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

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Manual IntegrationsAPPROVED

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