

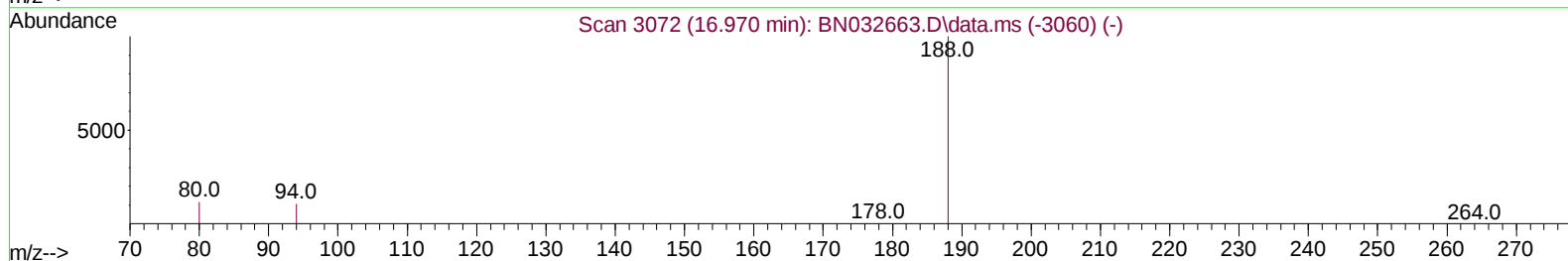
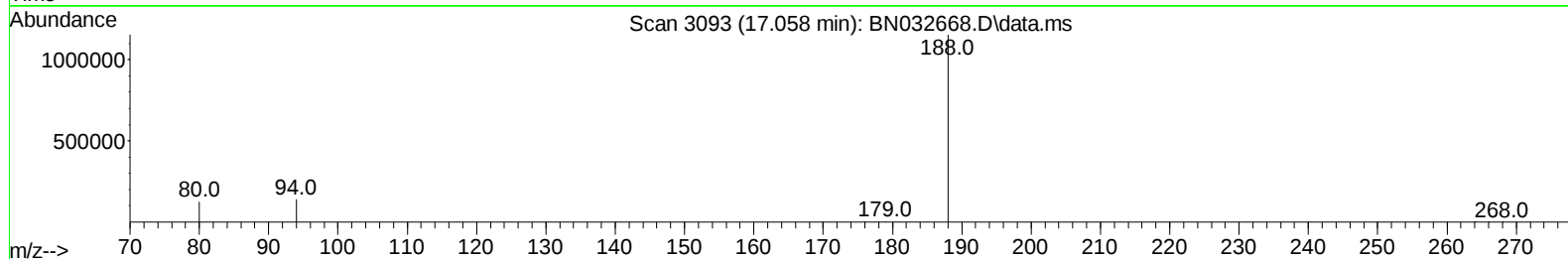
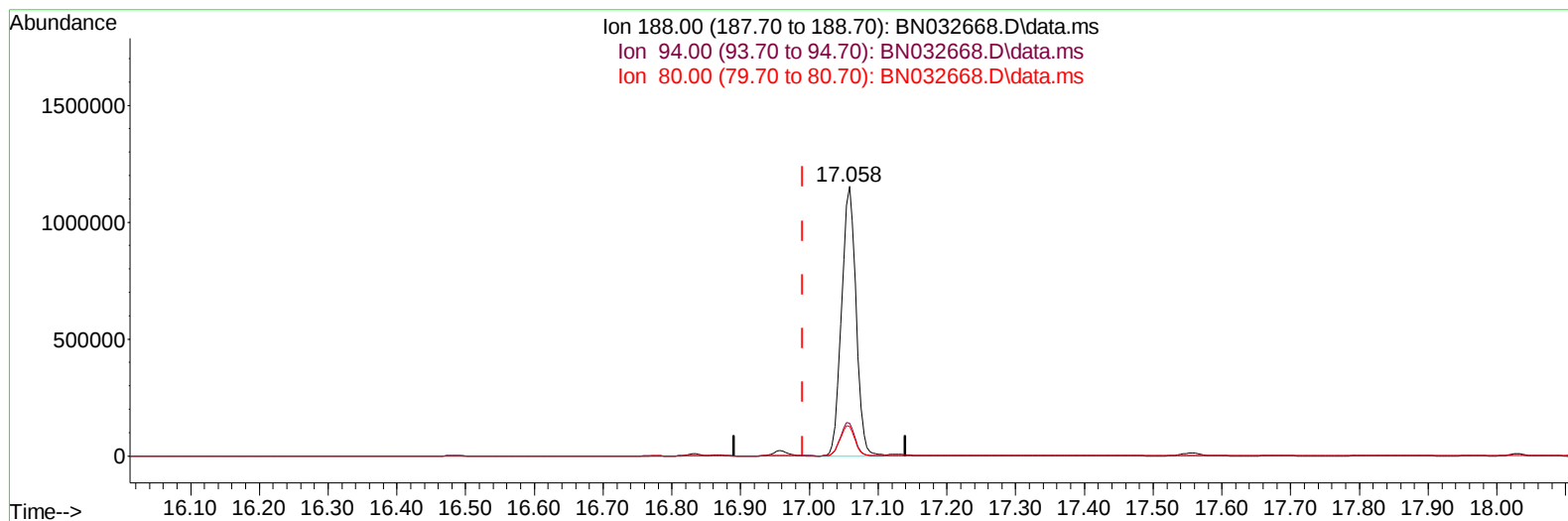
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032668.D
Acq On : 12 Jul 2024 11:58
Operator : MA/JU
Sample : P3087-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CC1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 12:56:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032668.D\data.ms

(13) Phenanthrene-d10 (I)

17.058min (+ 0.068) 0.40 ng/u1

response 1690715

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	12.27
80.00	12.00	10.97
0.00	0.00	0.00

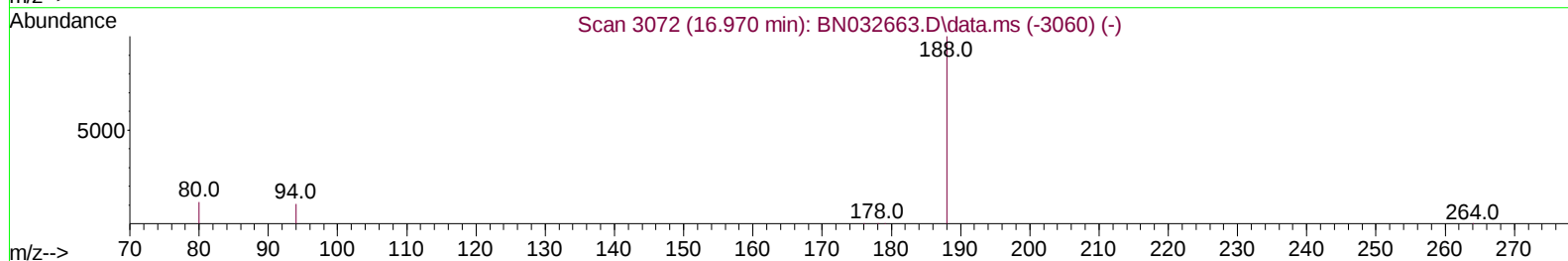
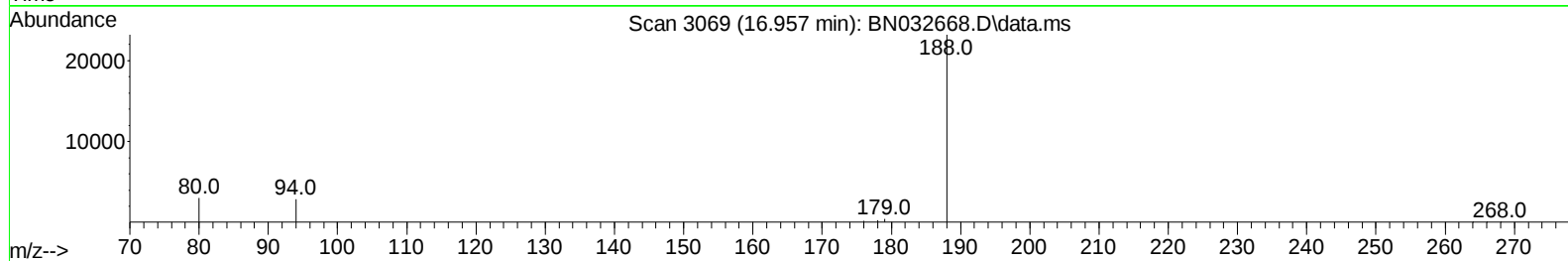
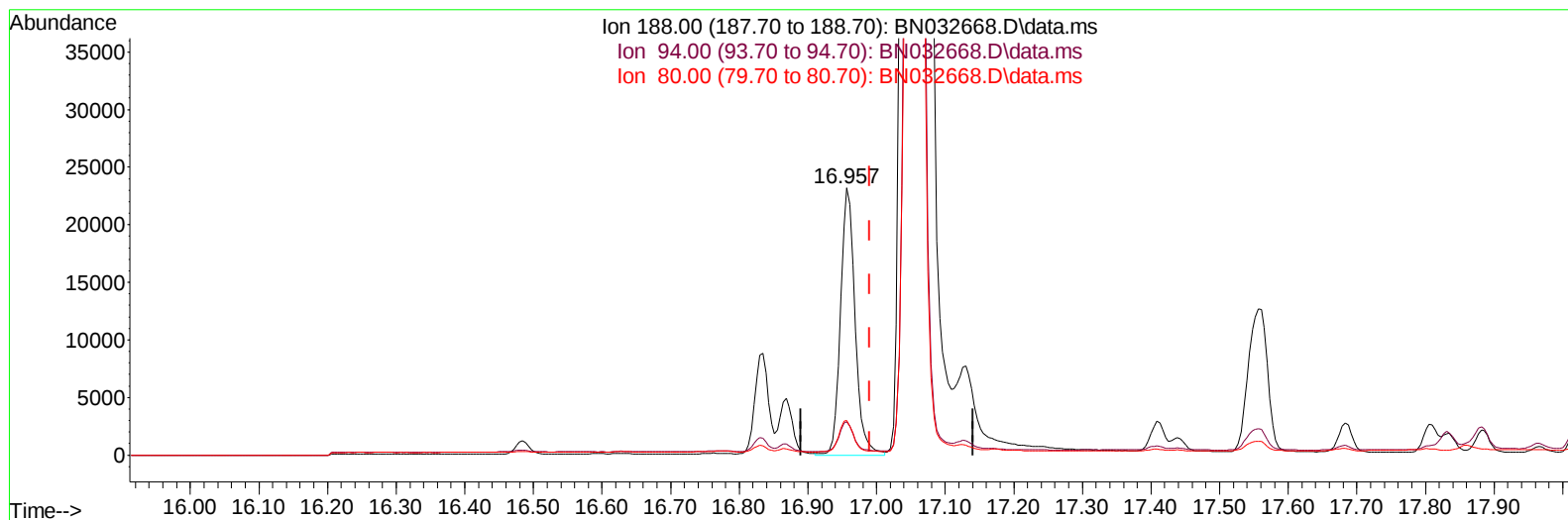
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032668.D
Acq On : 12 Jul 2024 11:58
Operator : MA/JU
Sample : P3087-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CC1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 12:56:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032668.D\data.ms

(13) Phenanthrene-d10 (I)

16.957min (-0.034) 0.40 ng/u1 m

response 34078

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	12.41
80.00	12.00	12.99
0.00	0.00	0.00

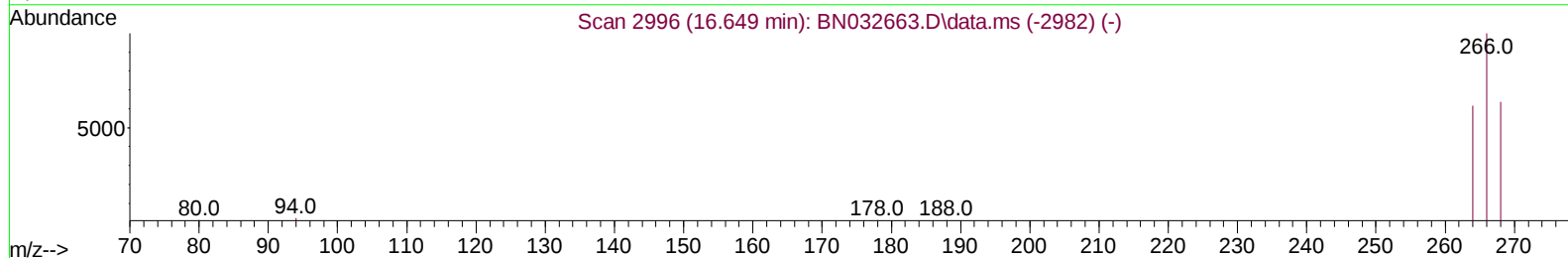
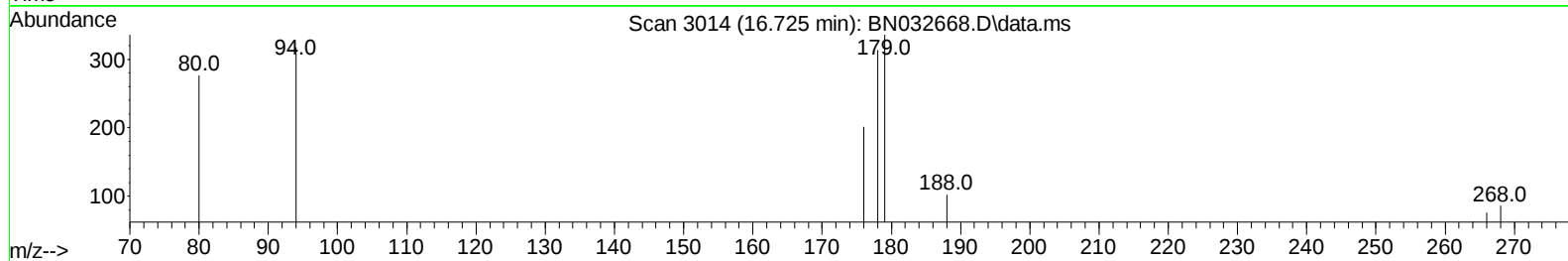
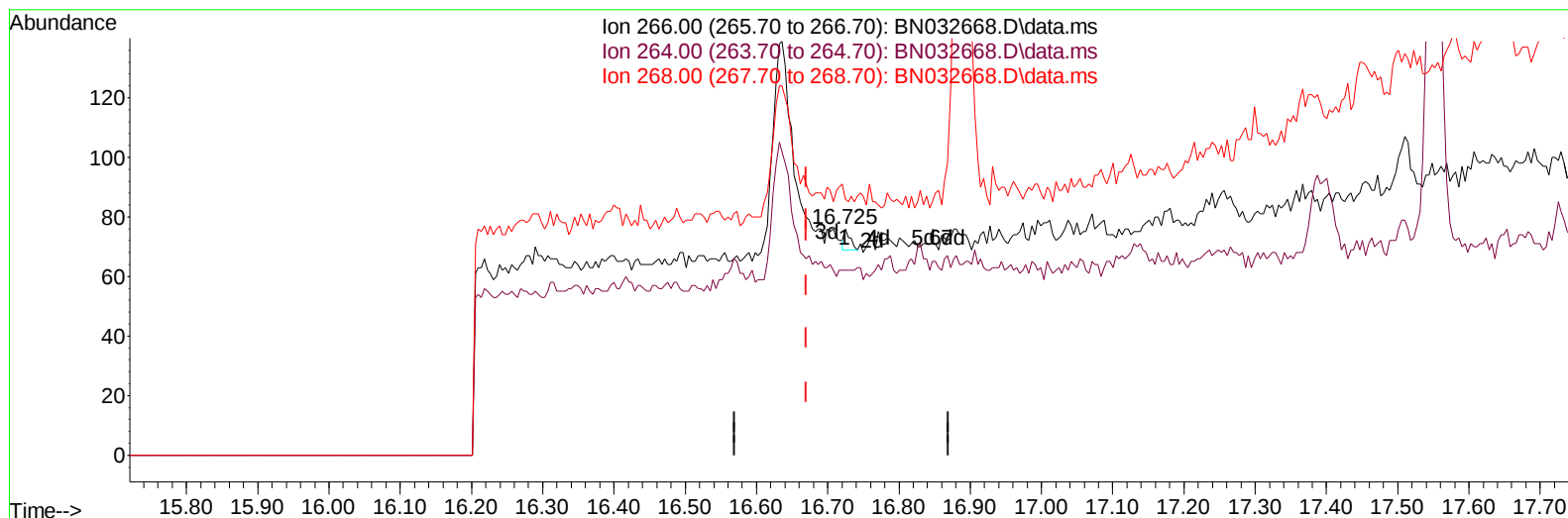
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032668.D
Acq On : 12 Jul 2024 11:58
Operator : MA/JU
Sample : P3087-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CC1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 12:56:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
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TIC: BN032668.D\data.ms

(14) Pentachlorophenol

16.725min (+ 0.055) 0.00 ng/u1

response 4

Ion	Exp%	Act%
266.00	100.00	100.00
264.00	61.80	25.00#
268.00	64.50	0.00#
0.00	0.00	0.00

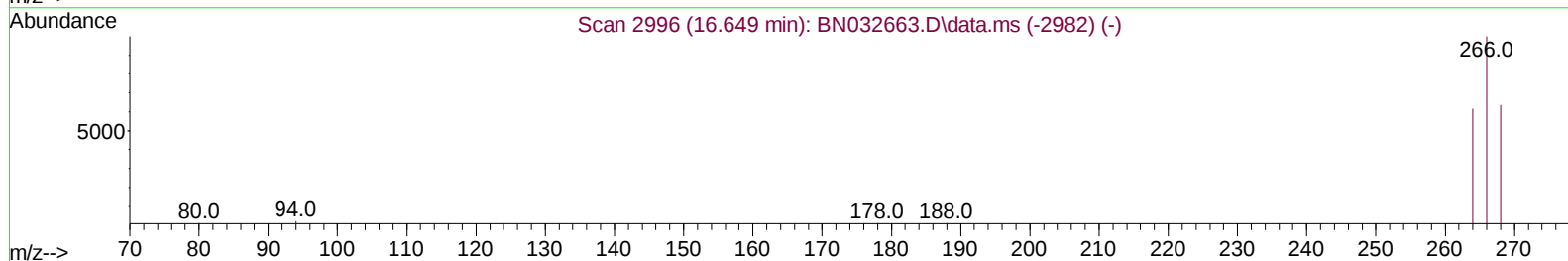
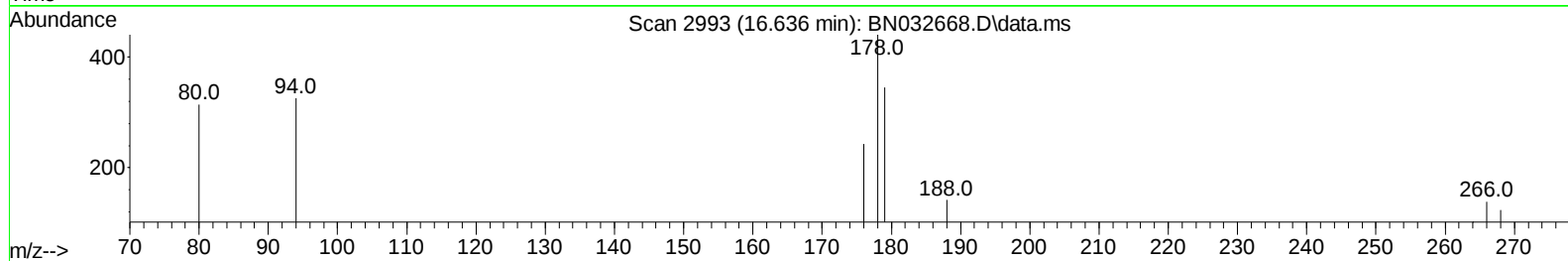
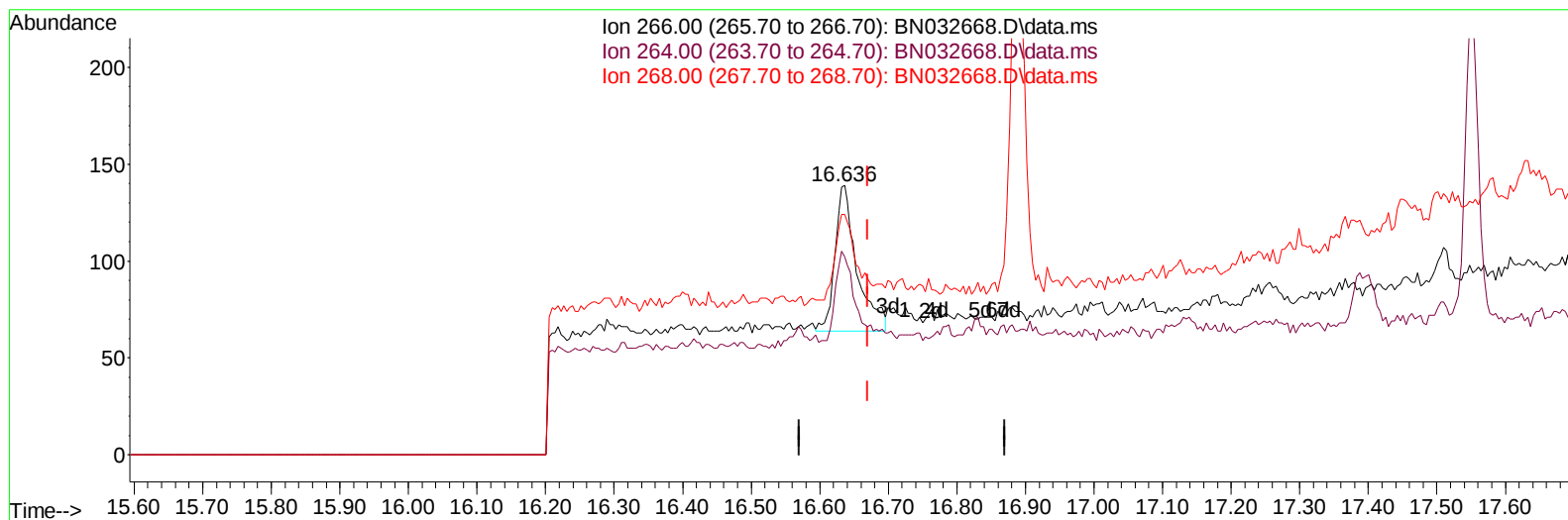
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032668.D
Acq On : 12 Jul 2024 11:58
Operator : MA/JU
Sample : P3087-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CC1

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 12 12:56:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration



TIC: BN032668.D\data.ms

(14) Pentachloropheno1

16.636min (-0.034) 0.03 ng/u1 m

response 167

Ion	Exp%	Act%
266.00	100.00	100.00
264.00	61.80	0.60#
268.00	64.50	0.00#
0.00	0.00	0.00

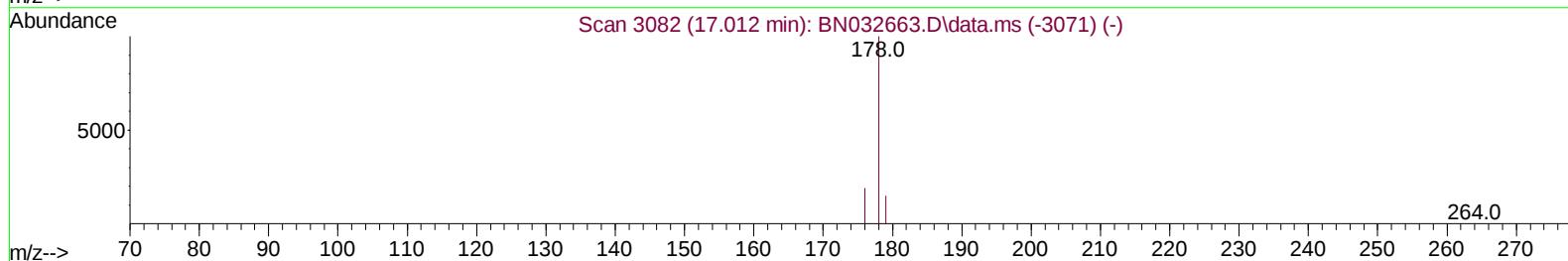
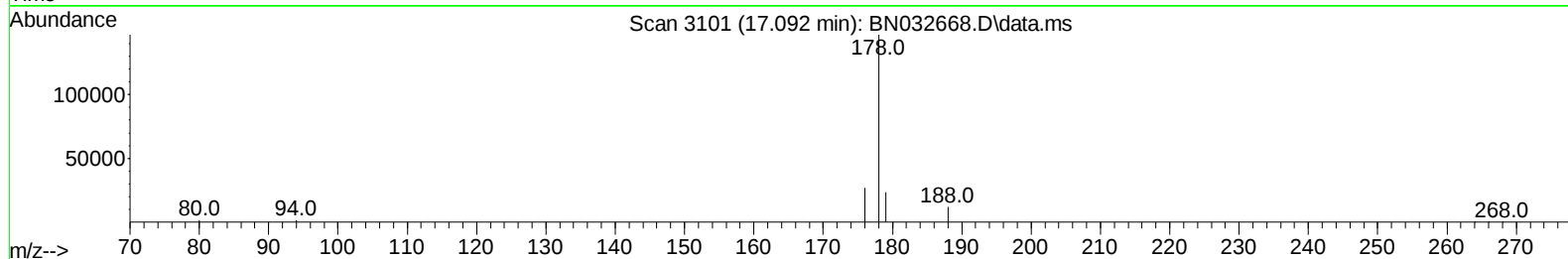
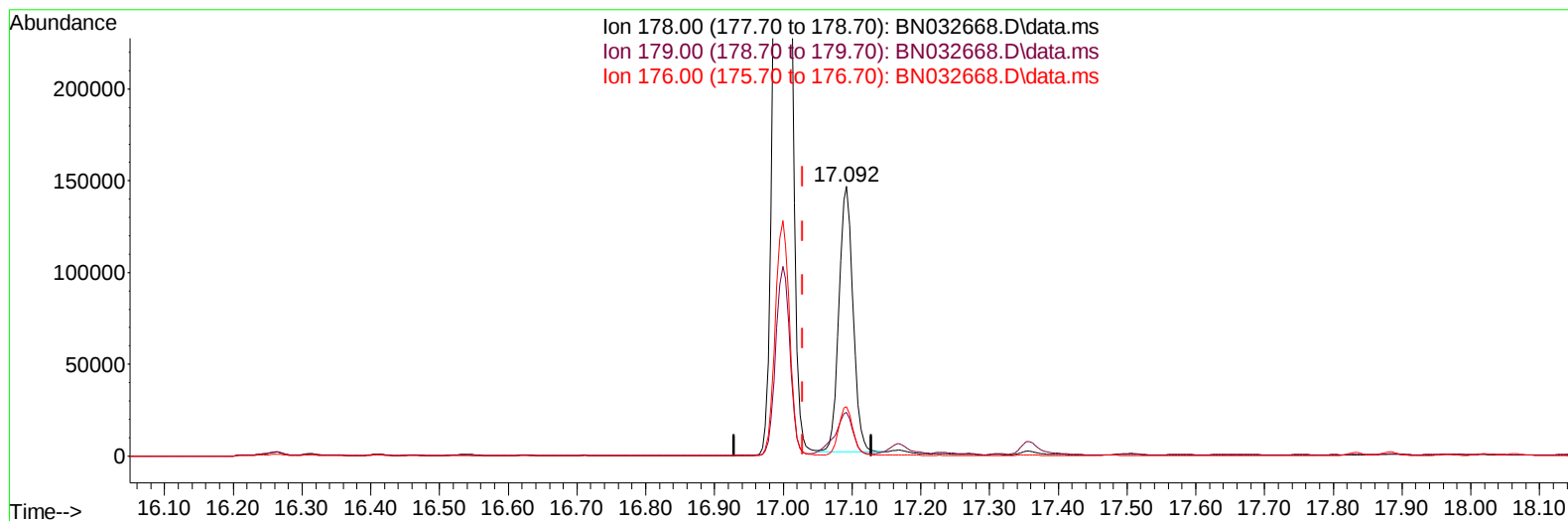
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032668.D
 Acq On : 12 Jul 2024 11:58
 Operator : MA/JU
 Sample : P3087-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CC1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 12:56:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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 QLast Update : Fri Jul 12 01:40:24 2024
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Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/16/2024



TIC: BN032668.D\data.ms

(15) Phenanthrene

17.092min (+ 0.063) 2.21 ng/u1

response 205348

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	16.07
176.00	19.50	18.31
0.00	0.00	0.00

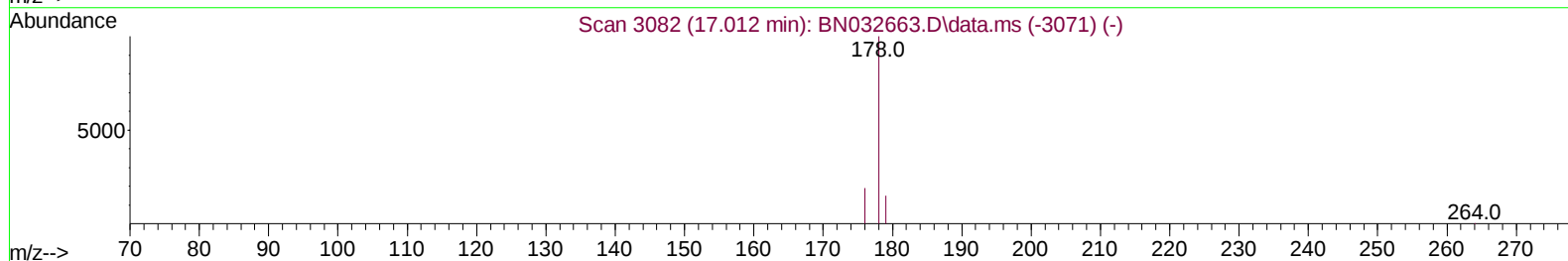
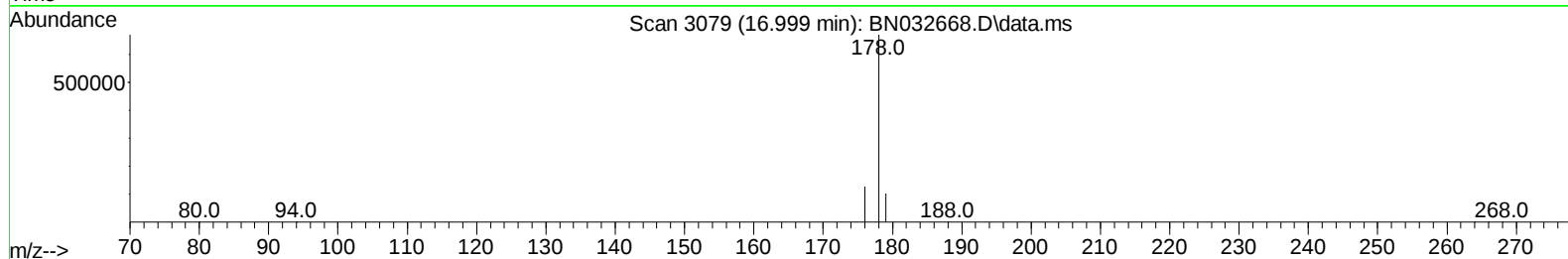
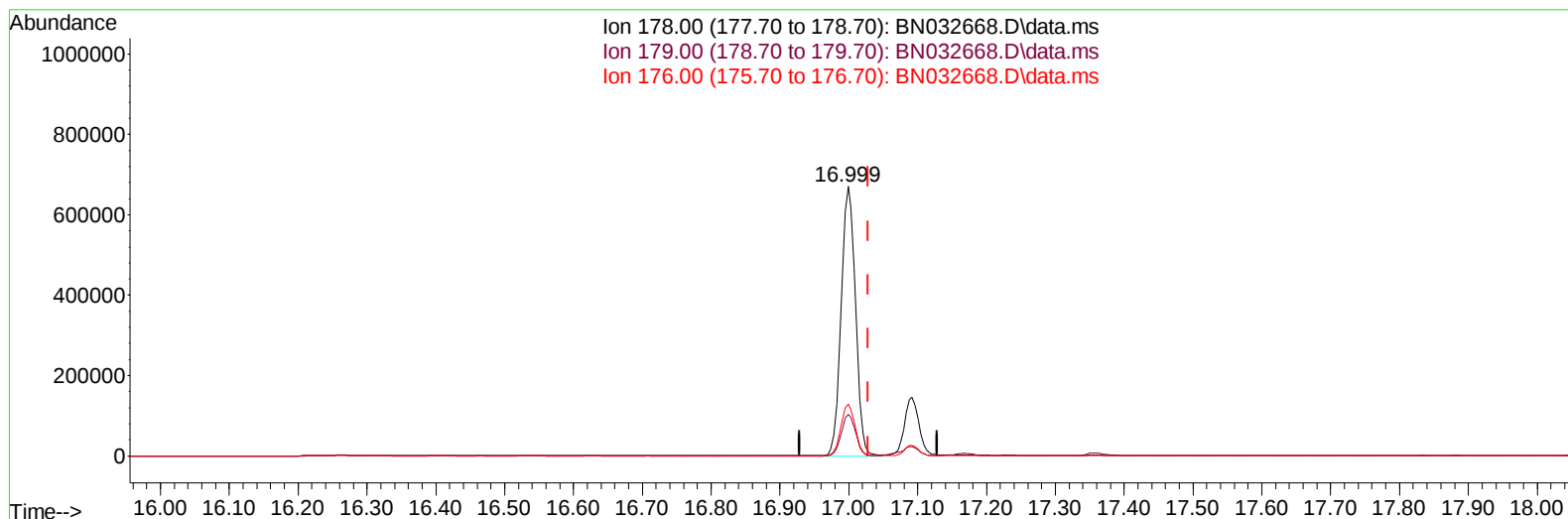
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032668.D
Acq On : 12 Jul 2024 11:58
Operator : MA/JU
Sample : P3087-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CC1

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 12 12:56:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration



TIC: BN032668.D\data.ms

(15) Phenanthrene

16.999min (-0.030) 10.45 ng/ul m

response 969691

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	15.40
176.00	19.50	19.13
0.00	0.00	0.00

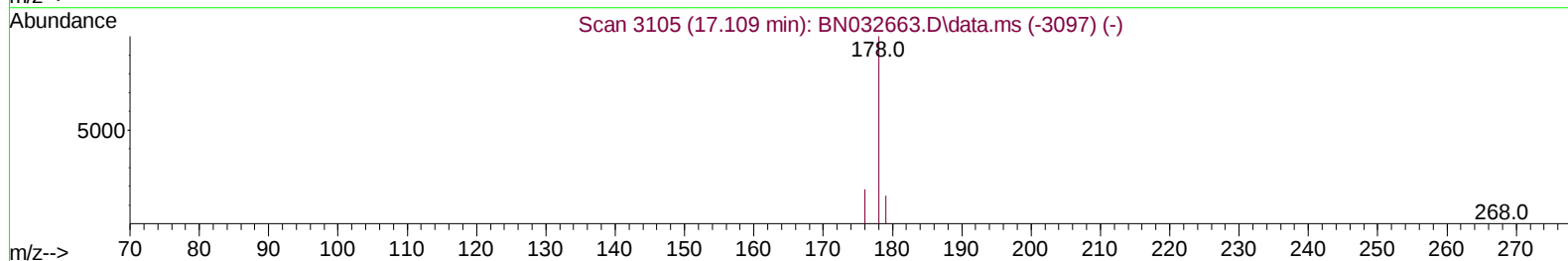
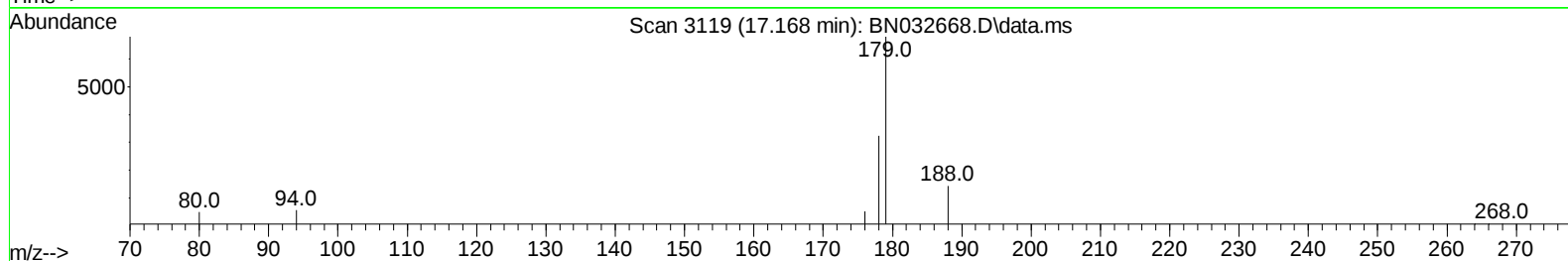
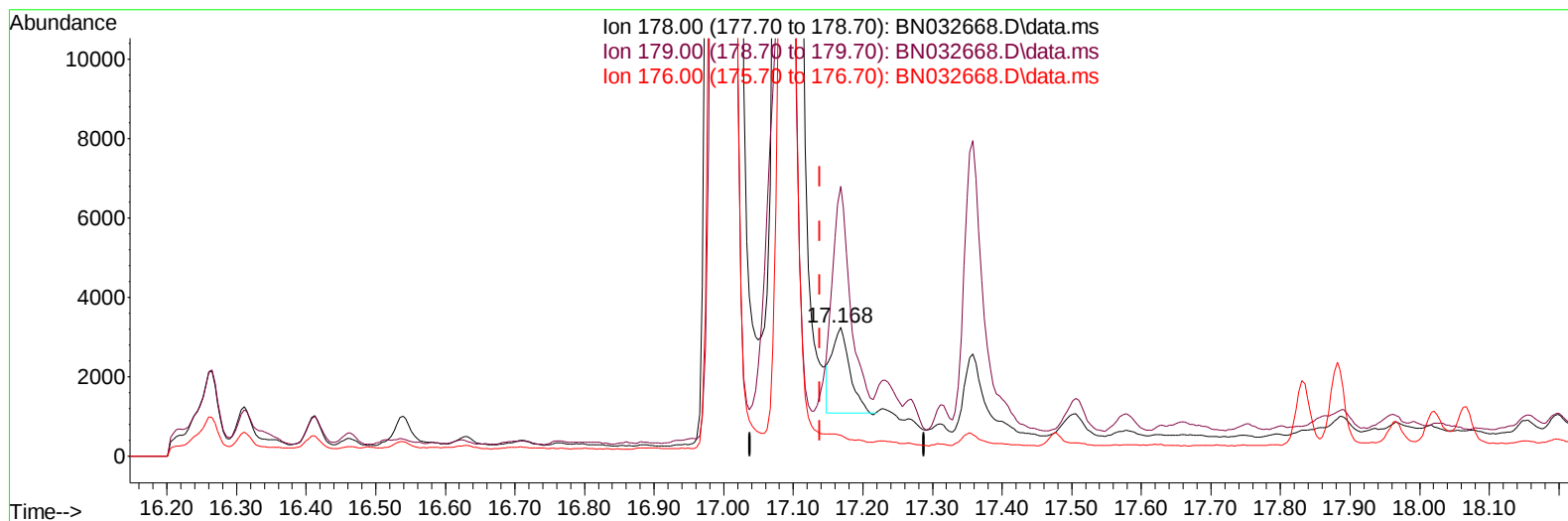
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032668.D
Acq On : 12 Jul 2024 11:58
Operator : MA/JU
Sample : P3087-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CC1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 12:56:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
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Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032668.D\data.ms

(16) Anthracene

17.168min (+ 0.030) 0.05 ng/u1

response 3966

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	209.33#
176.00	19.20	16.17
0.00	0.00	0.00

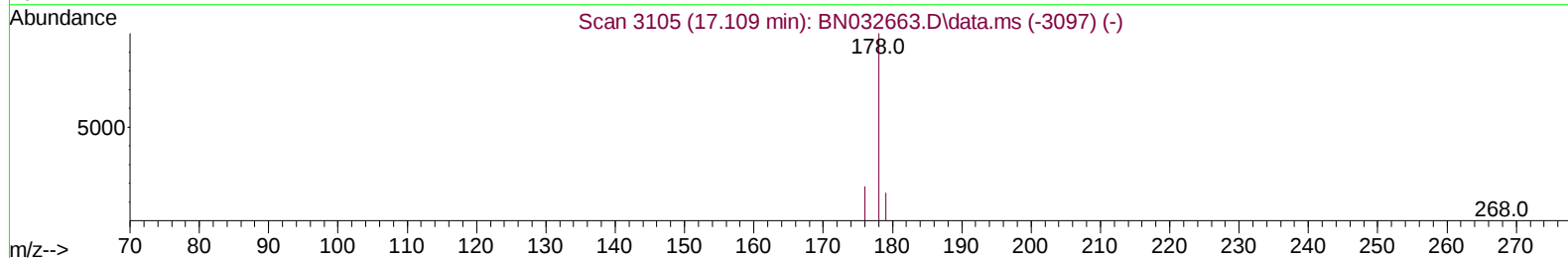
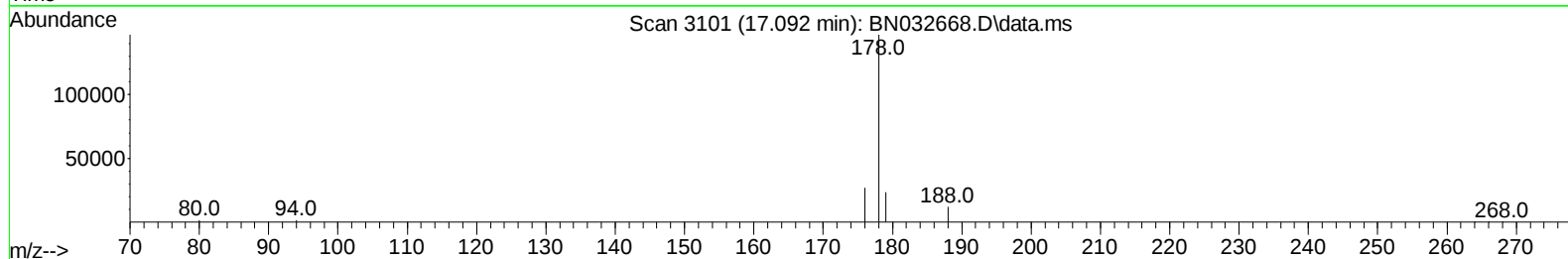
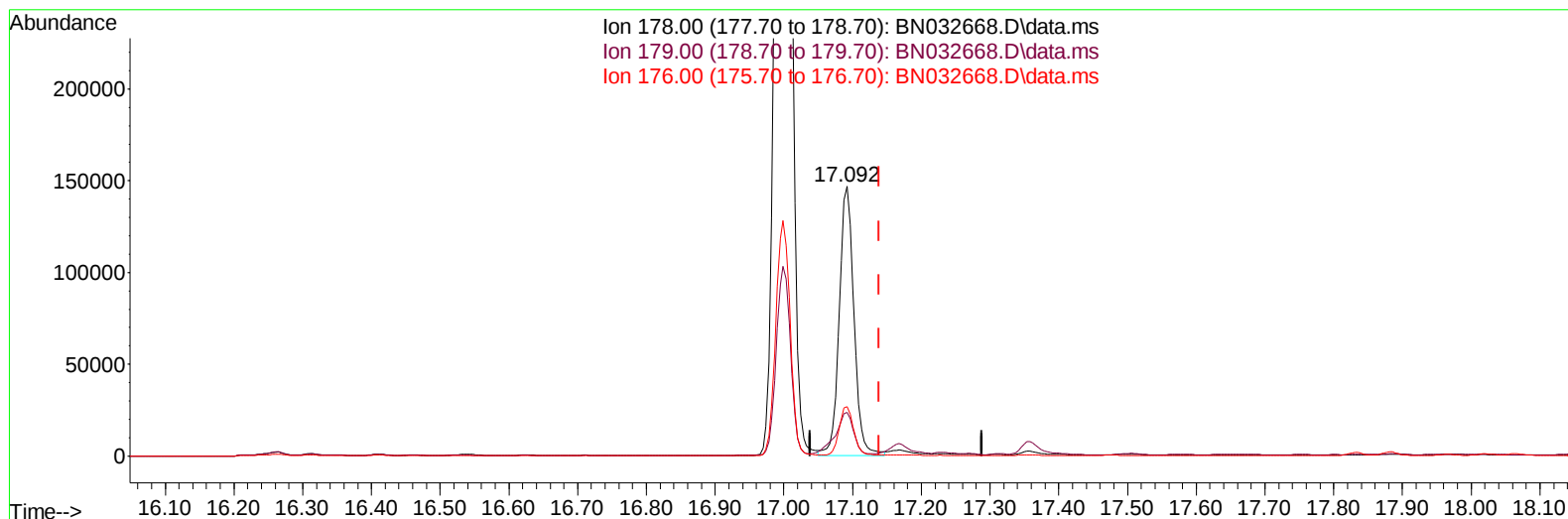
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032668.D
Acq On : 12 Jul 2024 11:58
Operator : MA/JU
Sample : P3087-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CC1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 12:56:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032668.D\data.ms

(16) Anthracene

17.092min (-0.046) 2.86 ng/ul m

response 216872

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	16.07
176.00	19.20	18.31
0.00	0.00	0.00

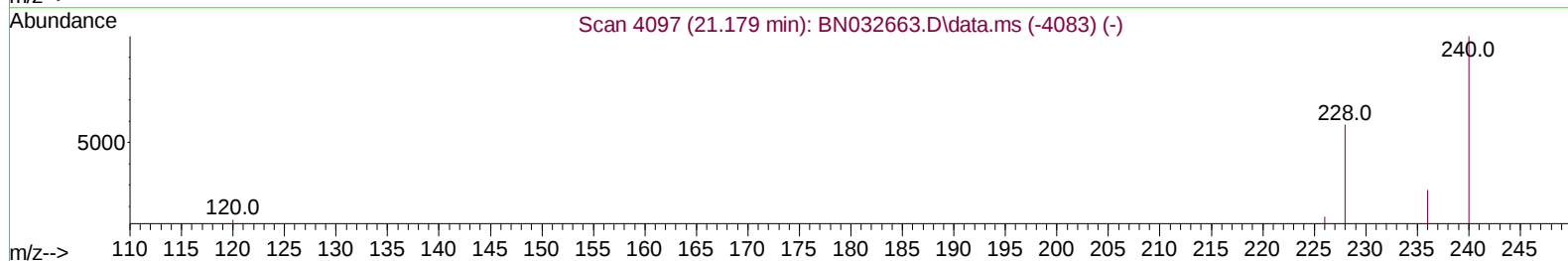
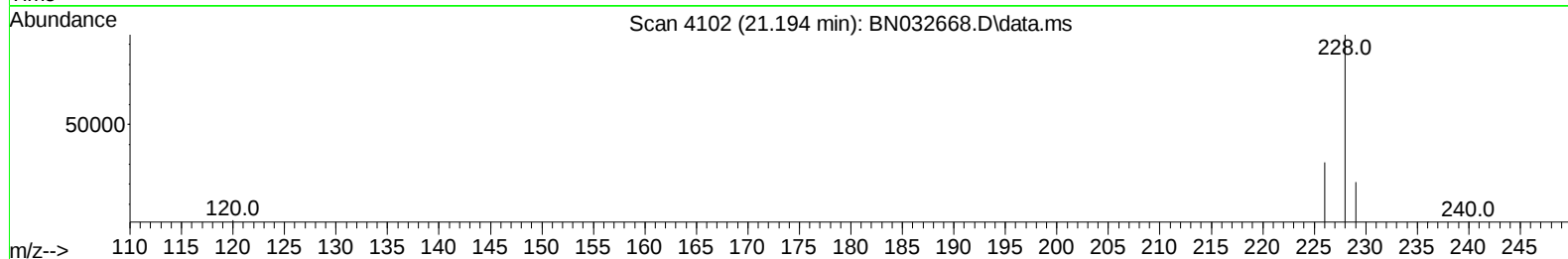
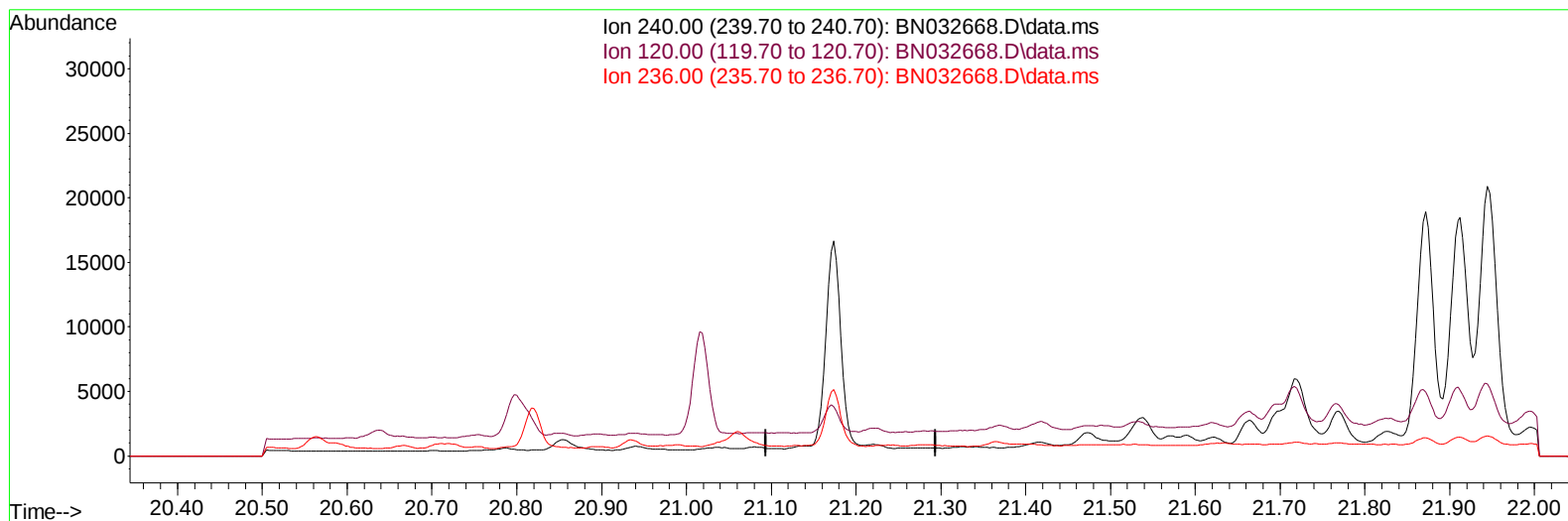
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032668.D
Acq On : 12 Jul 2024 11:58
Operator : MA/JU
Sample : P3087-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CC1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 12:56:55 2024
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TIC: BN032668.D\data.ms

(17) Chrysene-d12

21.194min (-21.194) 0.00 ng/u1

response 0

Ion	Exp%	Act%
240.00	100.00	0.00
120.00	18.00	0.00#
236.00	28.40	0.00#
0.00	0.00	0.00

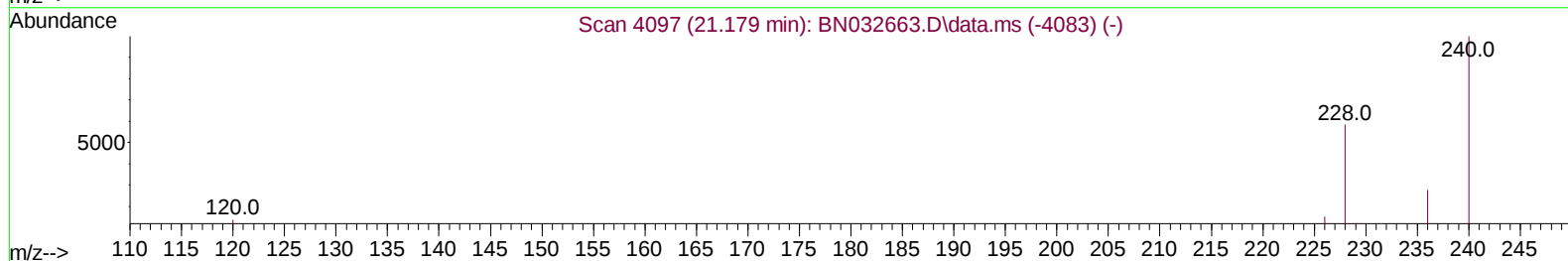
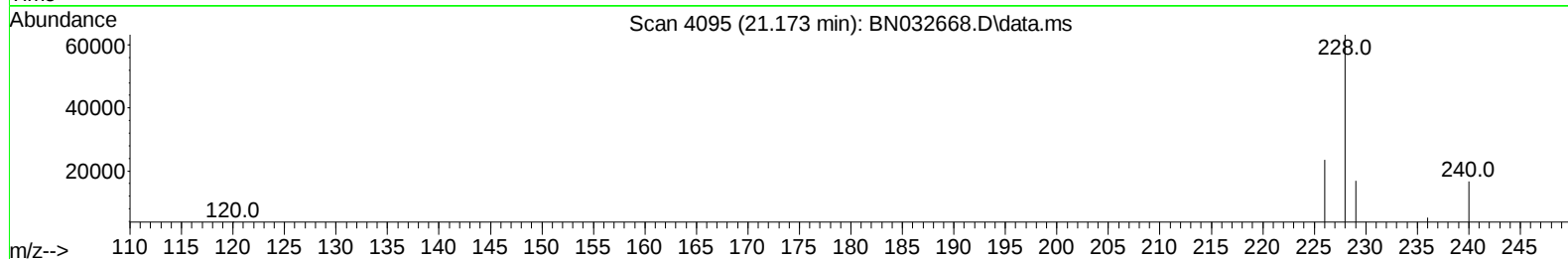
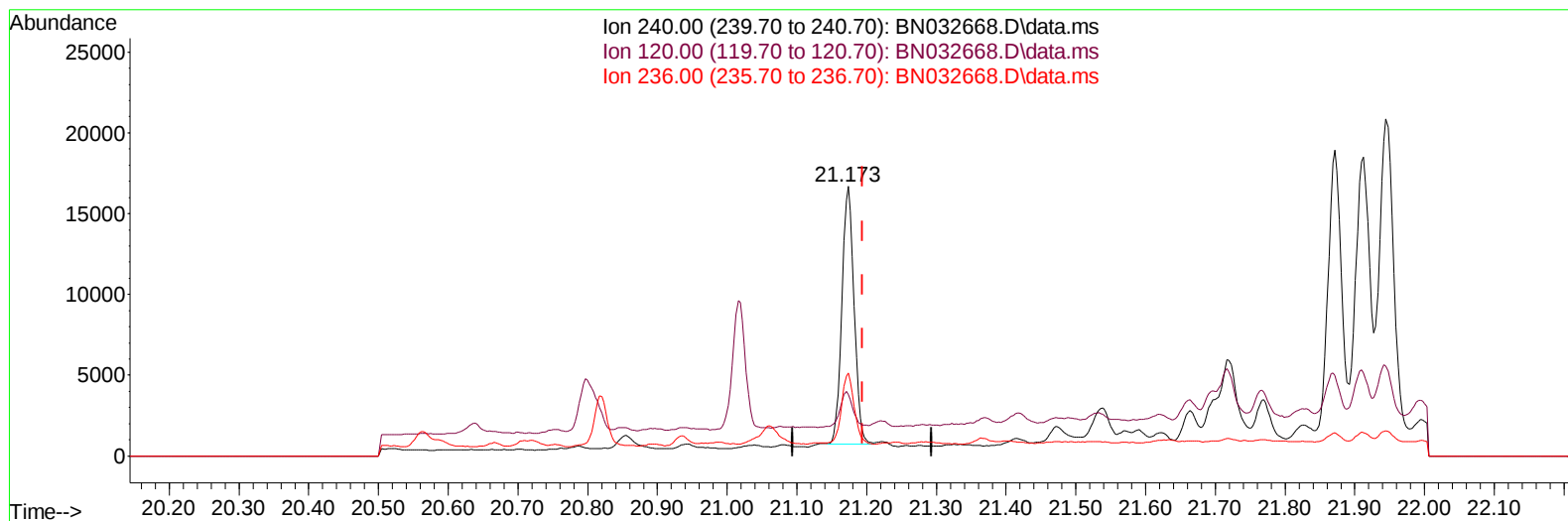
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032668.D
Acq On : 12 Jul 2024 11:58
Operator : MA/JU
Sample : P3087-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CC1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 12:56:55 2024
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TIC: BN032668.D\data.ms

(17) Chrysene-d12

21.173min (-0.020) 0.40 ng/ul m

response 19345

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	22.87#
236.00	28.40	30.78
0.00	0.00	0.00

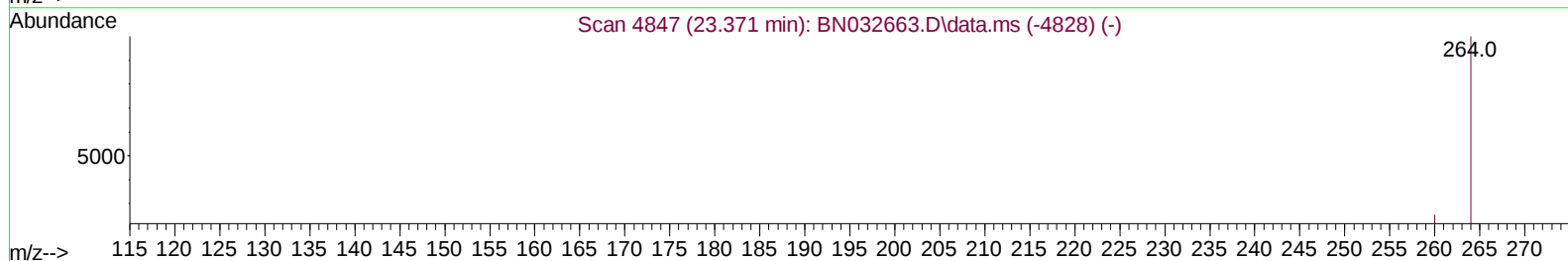
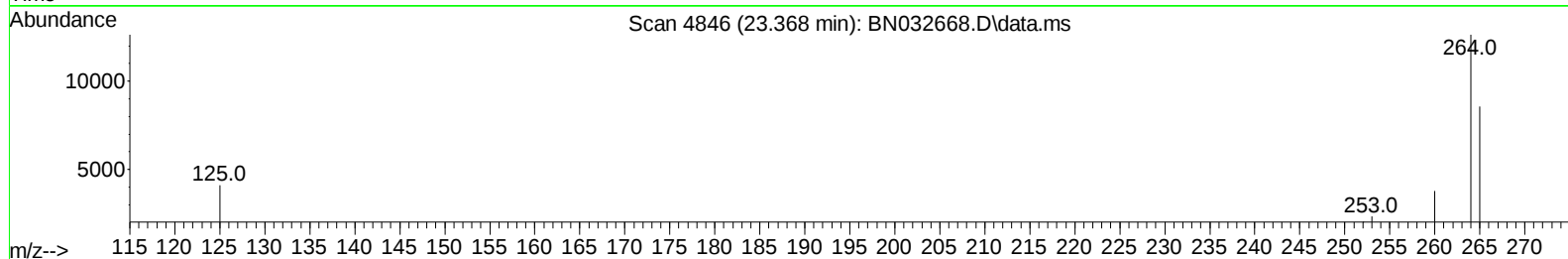
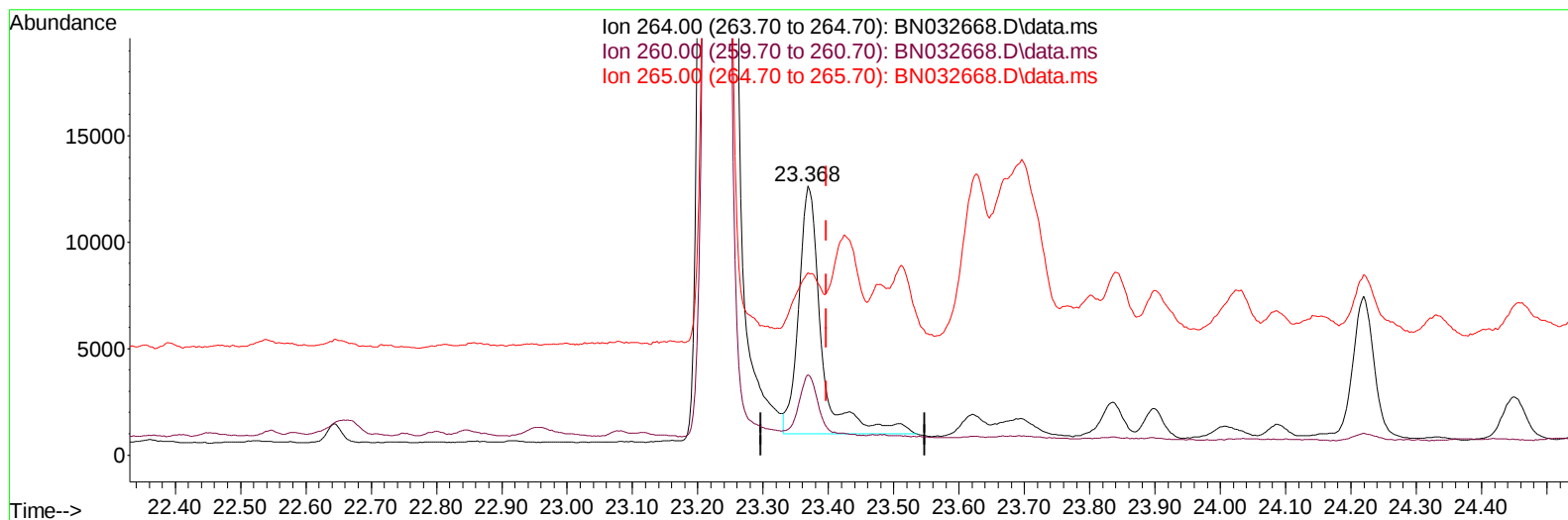
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032668.D
Acq On : 12 Jul 2024 11:58
Operator : MA/JU
Sample : P3087-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CC1

Manual IntegrationsAPPROVED

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TIC: BN032668.D\data.ms

(23) Perylene-d12 (I)

23.368min (-0.029) 0.40 ng/u1

response 28418

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	29.85
265.00	95.50	67.76#
0.00	0.00	0.00

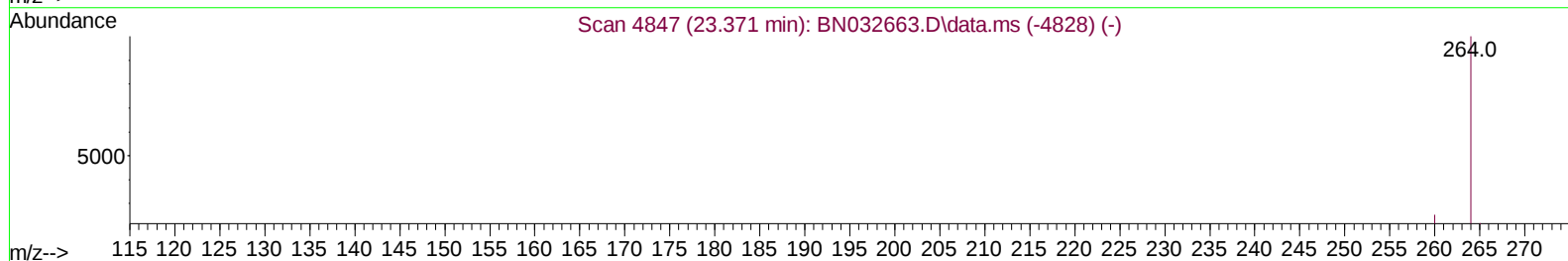
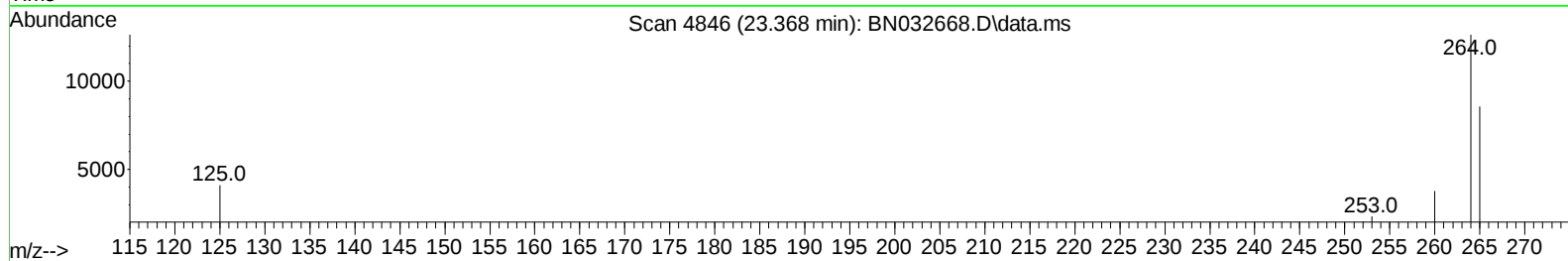
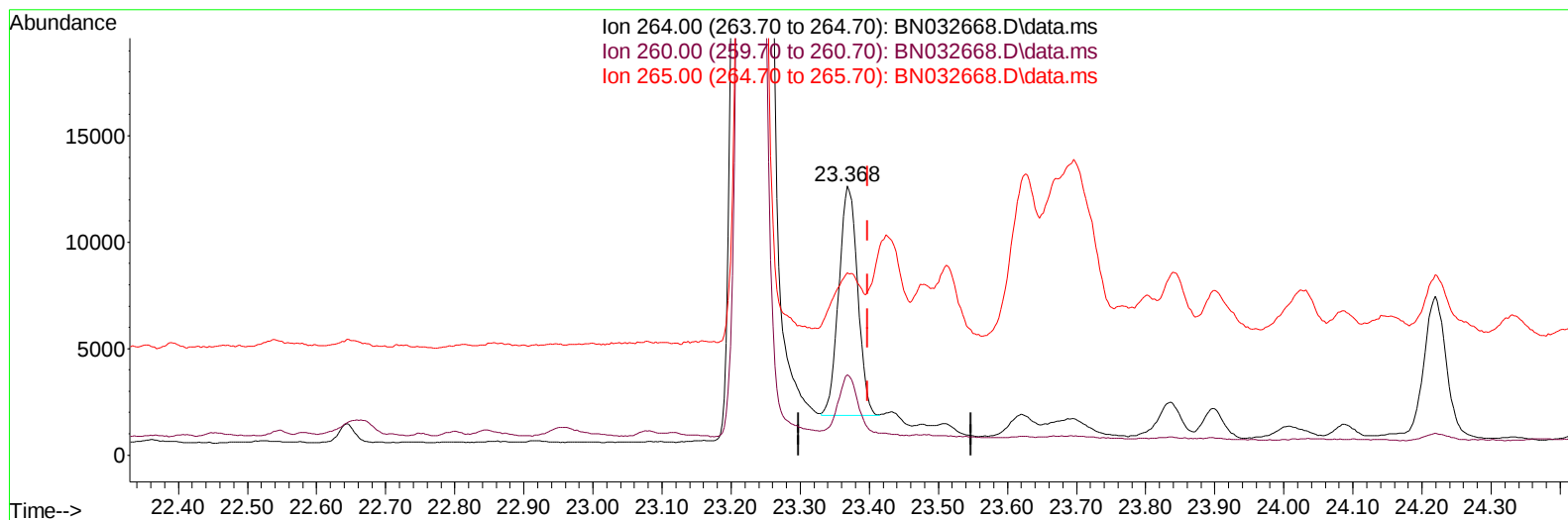
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032668.D
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Operator : MA/JU
Sample : P3087-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CC1

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024

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TIC: BN032668.D\data.ms

(23) Perylene-d12 (I)

23.368min (-0.029) 0.40 ng/ul m

response 20447

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	29.85
265.00	95.50	67.76#
0.00	0.00	0.00

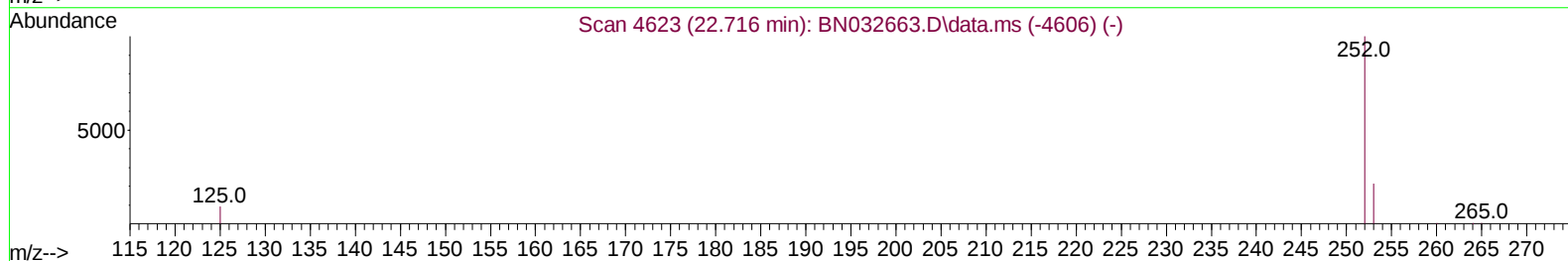
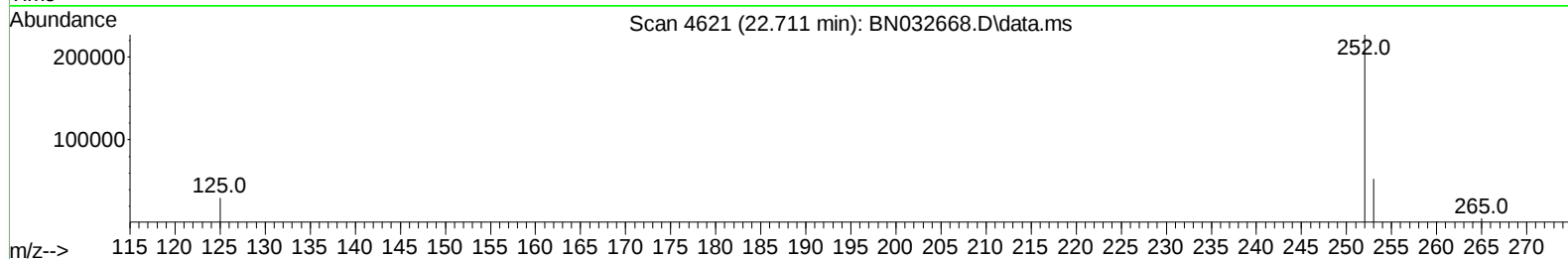
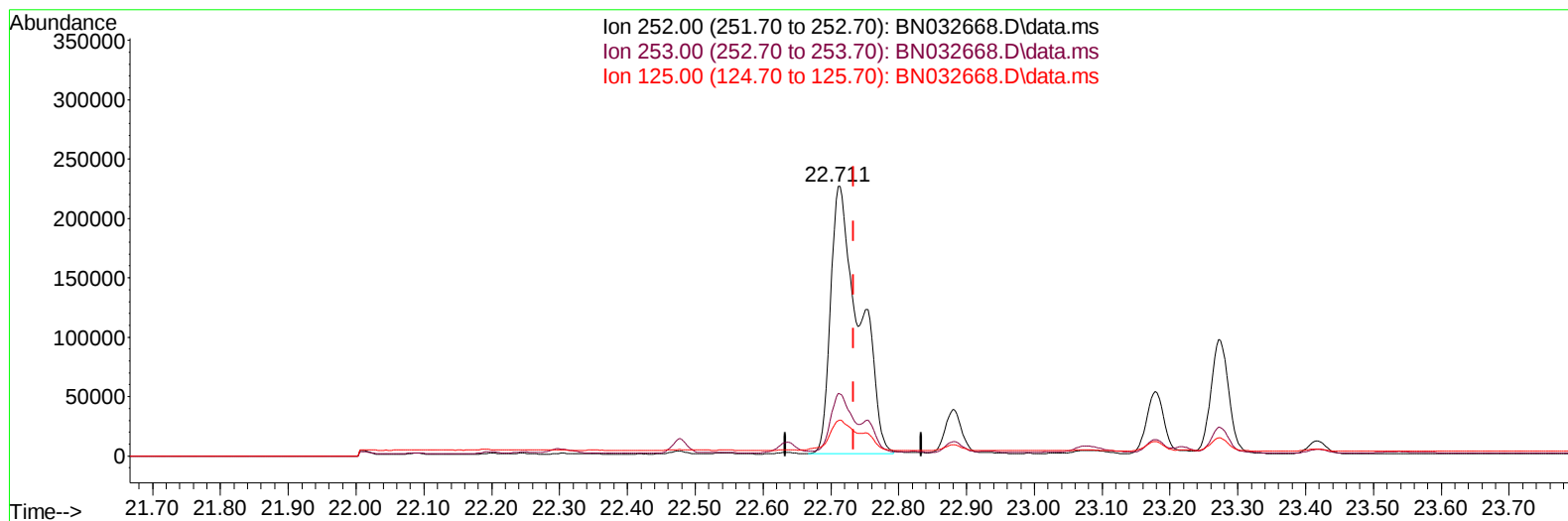
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032668.D
Acq On : 12 Jul 2024 11:58
Operator : MA/JU
Sample : P3087-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CC1

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 12 12:56:55 2024
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QLast Update : Fri Jul 12 01:40:24 2024
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TIC: BN032668.D\data.ms

(24) Benzo(b)fluoranthene

22.711min (-0.023) 9.16 ng/u1

response 660703

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	23.25
125.00	18.00	13.20
0.00	0.00	0.00

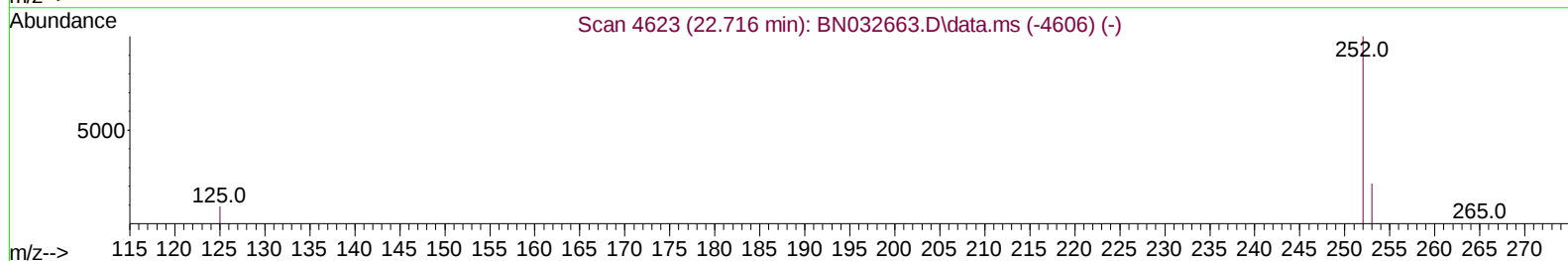
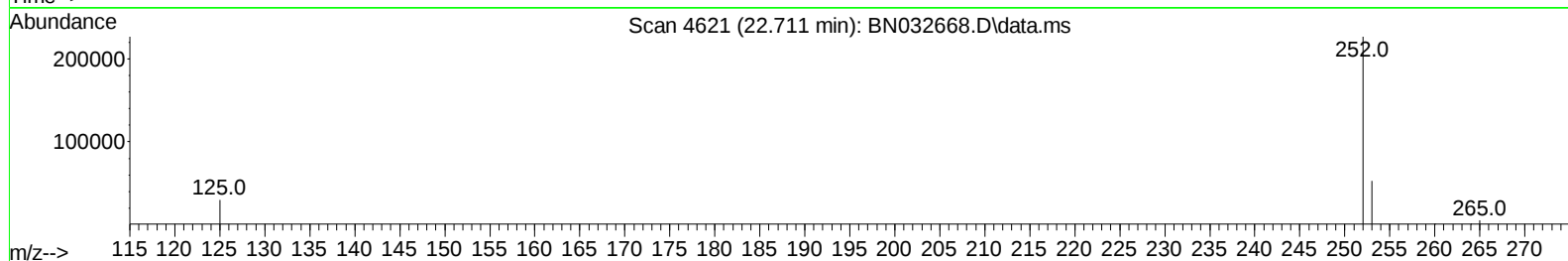
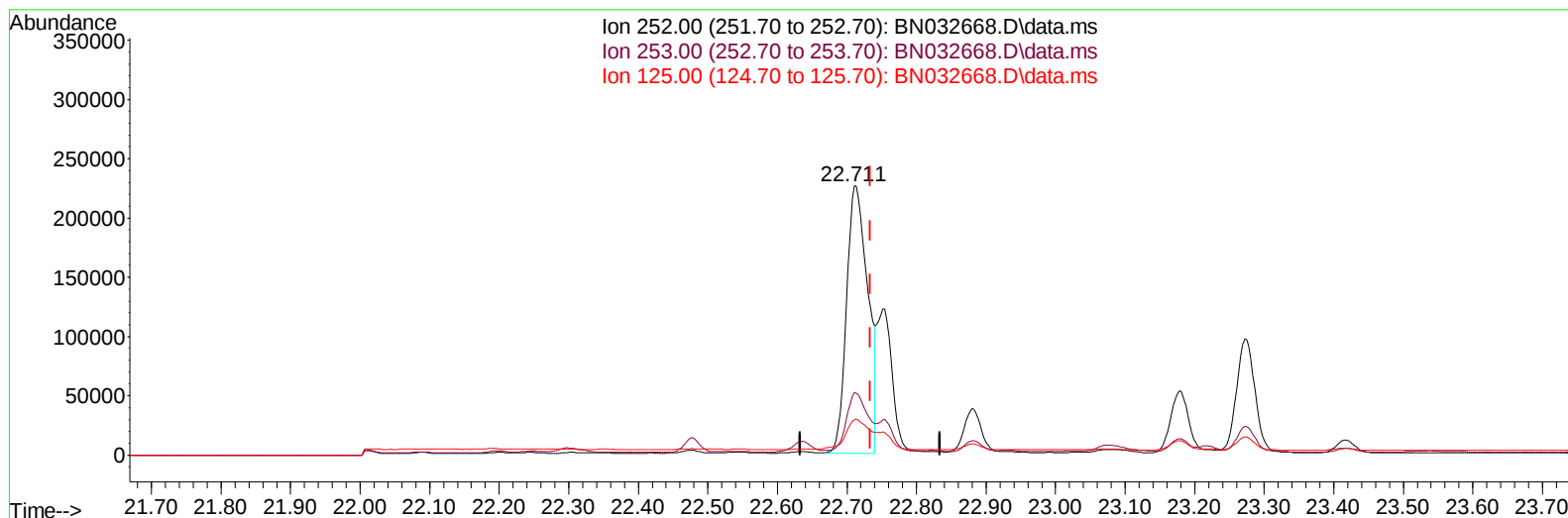
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032668.D
Acq On : 12 Jul 2024 11:58
Operator : MA/JU
Sample : P3087-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CC1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 12:56:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032668.D\data.ms

(24) Benzo(b)fluoranthene

22.711min (-0.023) 6.65 ng/u1 m

response 479689

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	23.25
125.00	18.00	13.20
0.00	0.00	0.00

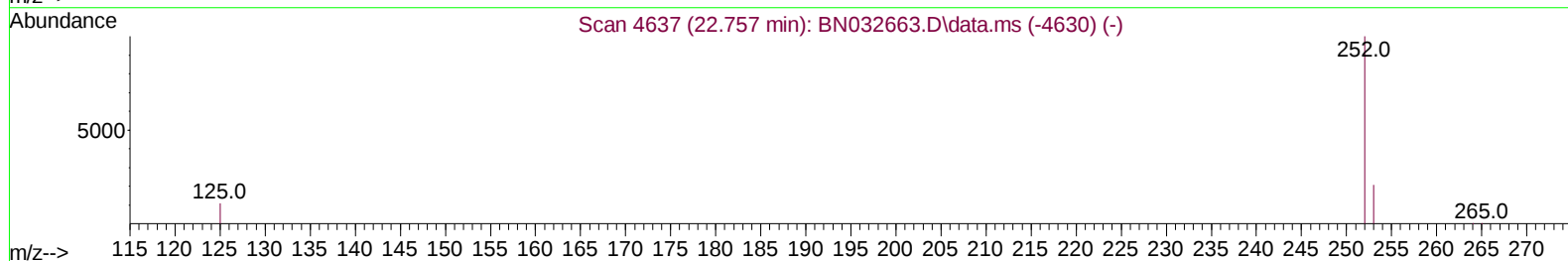
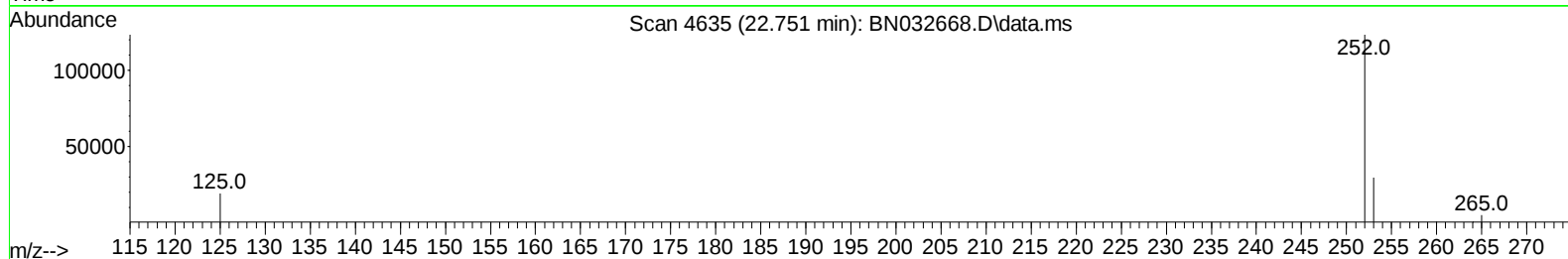
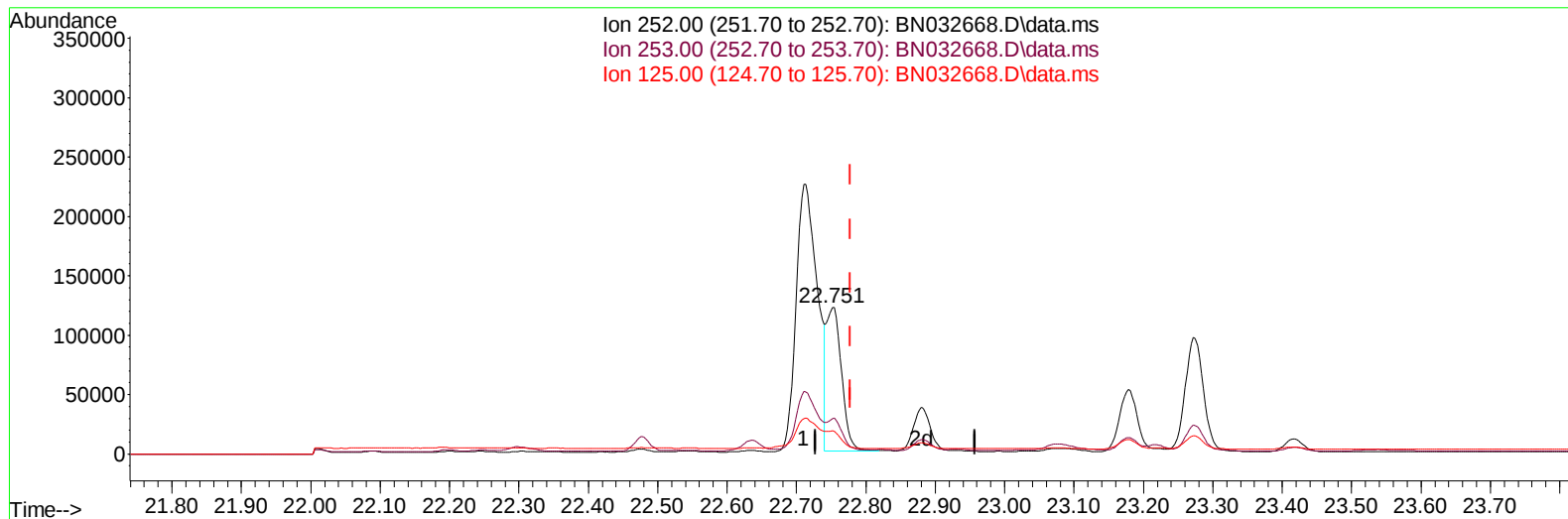
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032668.D
Acq On : 12 Jul 2024 11:58
Operator : MA/JU
Sample : P3087-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CC1

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
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Quant Time: Jul 12 12:56:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration



TIC: BN032668.D\data.ms

(25) Benzo(k)fluoranthene

22.751min (-0.026) 2.09 ng/u1 m

response 184004

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	24.03
125.00	18.50	15.80
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032668.D
 Acq On : 12 Jul 2024 11:58
 Operator : MA/JU
 Sample : P3087-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CC1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 12:56:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 01:40:24 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.553	152	7613	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.321	136	25843	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.202	164	16179	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.957	188	34078m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.173	240	19345m	0.400	ng/ul	-0.02
23) Perylene-d12	23.368	264	20447m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.106	96	28226	3.088	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.922	152	10033	0.257	ng/ul	-0.05
18) Fluoranthene-d10	18.999	212	20710	0.329	ng/ul	-0.03
Target Compounds						
						Qvalue
5) Naphthalene	10.371	128	30332	0.437	ng/ul	97
7) 2-Methylnaphthalene	11.999	142	11440	0.264	ng/ul	96
8) 1-Methylnaphthalene	12.219	142	8413	0.188	ng/ul	100
10) Acenaphthylene	13.920	152	22346	0.342	ng/ul	98
11) Acenaphthene	14.262	153	52543	0.972	ng/ul	99
12) Fluorene	15.257	166	85365	1.381	ng/ul	99
14) Pentachlorophenol	16.636	266	167m	0.028	ng/ul	
15) Phenanthrene	16.999	178	969691m	10.448	ng/ul	
16) Anthracene	17.092	178	216872m	2.860	ng/ul	
19) Fluoranthene	19.031	202	1284462	16.331	ng/ul	96
20) Pyrene	19.394	202	800767	9.836	ng/ul	100
21) Benzo(a)anthracene	21.156	228	436565	7.090	ng/ul	99
22) Chrysene	21.209	228	409948	4.602	ng/ul	98
24) Benzo(b)fluoranthene	22.711	252	479689m	6.649	ng/ul	
25) Benzo(k)fluoranthene	22.751	252	184004m	2.093	ng/ul	
26) Benzo(a)pyrene	23.272	252	177643	2.845	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	25.576	276	155580	1.840	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.576	278	56534	0.863	ng/ul#	92
29) Benzo(g,h,i)perylene	26.260	276	23601	0.334	ng/ul#	81

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

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Manual IntegrationsAPPROVED

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