

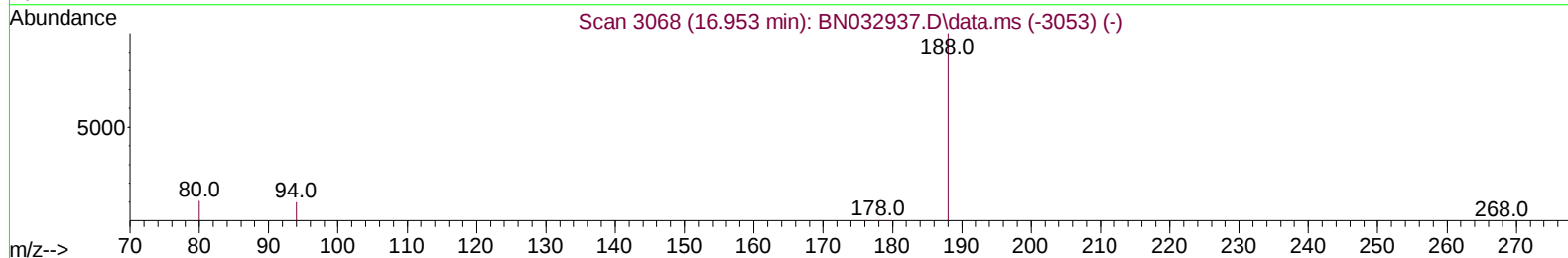
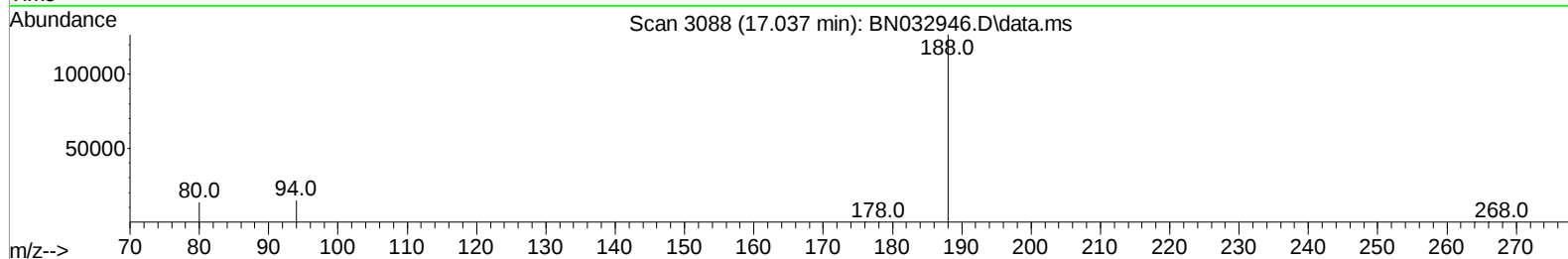
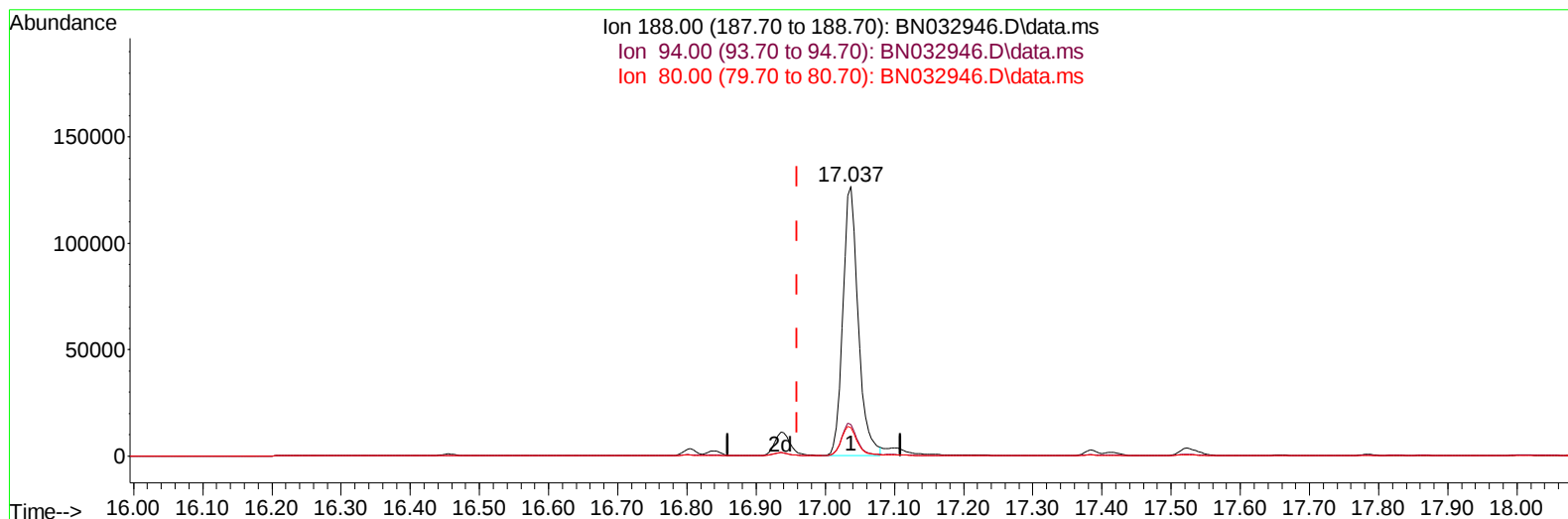
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032946.D
Acq On : 24 Jul 2024 13:35
Operator : MA/JU
Sample : P3215-22DL 5X
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ7DL

Manual IntegrationsAPPROVED

Quant Time: Jul 24 14:57:15 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 : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



TIC: BN032946.D\data.ms

(13) Phenanthrene-d10 (I)

17.037min (+ 0.077) 0.40 ng/u1

response 193979

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	11.70
80.00	12.00	10.42
0.00	0.00	0.00

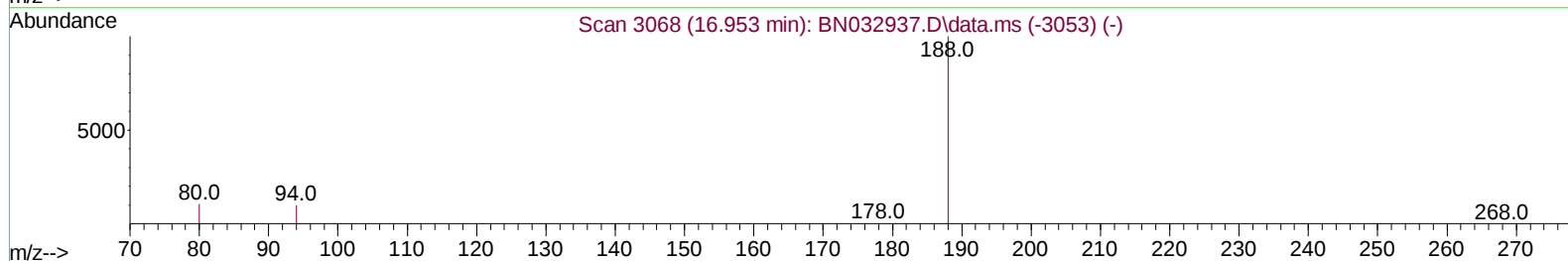
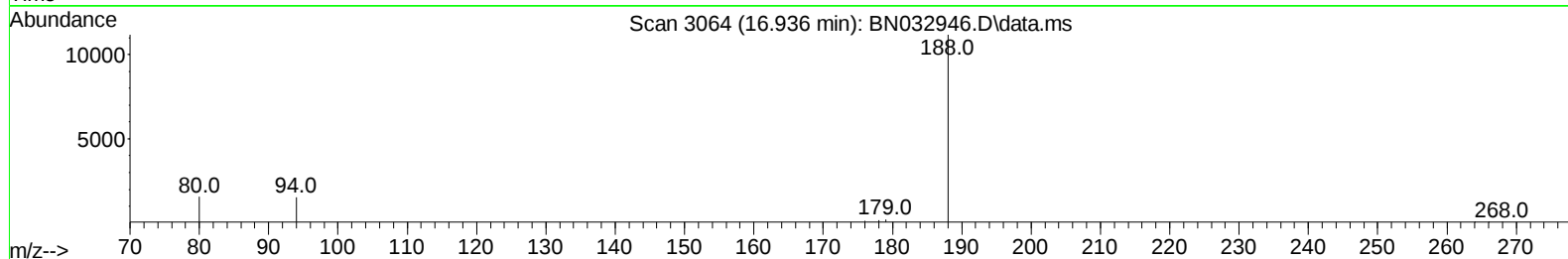
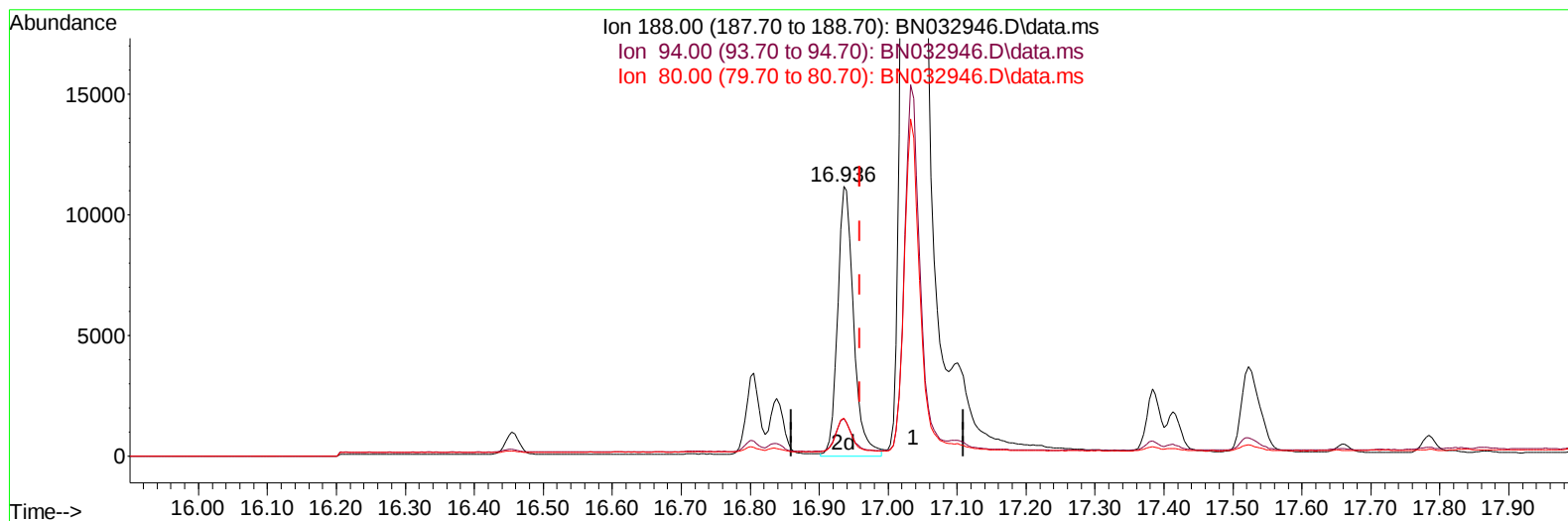
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032946.D
Acq On : 24 Jul 2024 13:35
Operator : MA/JU
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Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ7DL

Manual IntegrationsAPPROVED

Quant Time: Jul 24 14:57:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/25/2024
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TIC: BN032946.D\data.ms

(13) Phenanthrene-d10 (I)

16.936min (-0.024) 0.40 ng/u1 m

response 18028

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	13.86#
80.00	12.00	13.96
0.00	0.00	0.00

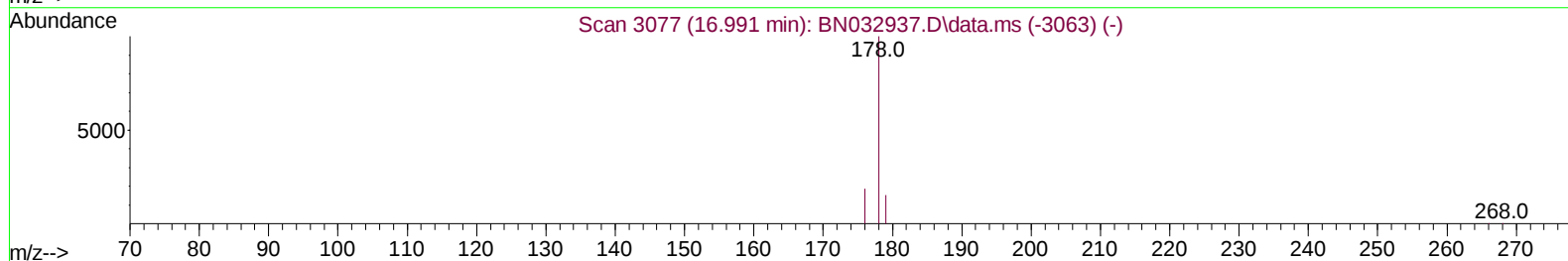
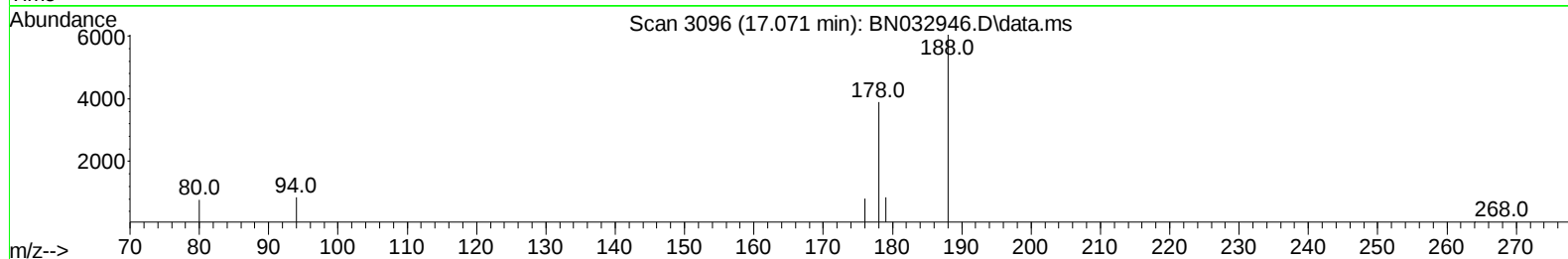
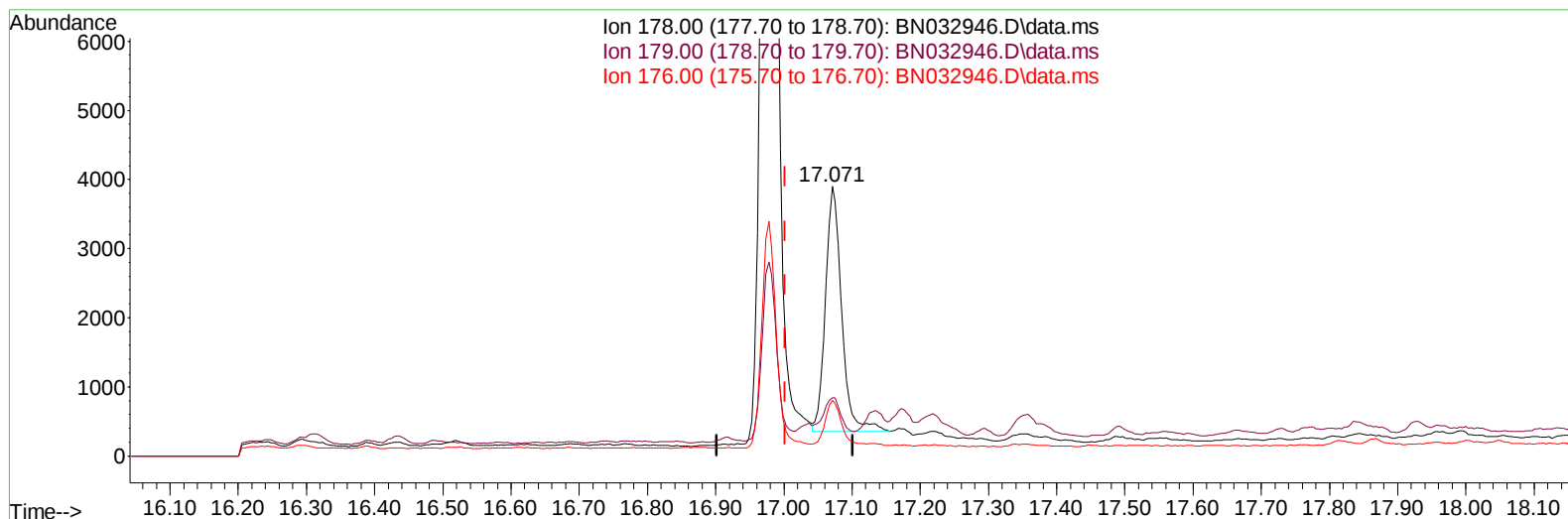
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032946.D
Acq On : 24 Jul 2024 13:35
Operator : MA/JU
Sample : P3215-22DL 5X
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ7DL

Manual IntegrationsAPPROVED

Quant Time: Jul 24 14:57:15 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
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TIC: BN032946.D\data.ms

(15) Phenanthrene

17.071min (+ 0.069) 0.12 ng/u1

response 5815

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	21.65#
176.00	19.50	20.75
0.00	0.00	0.00

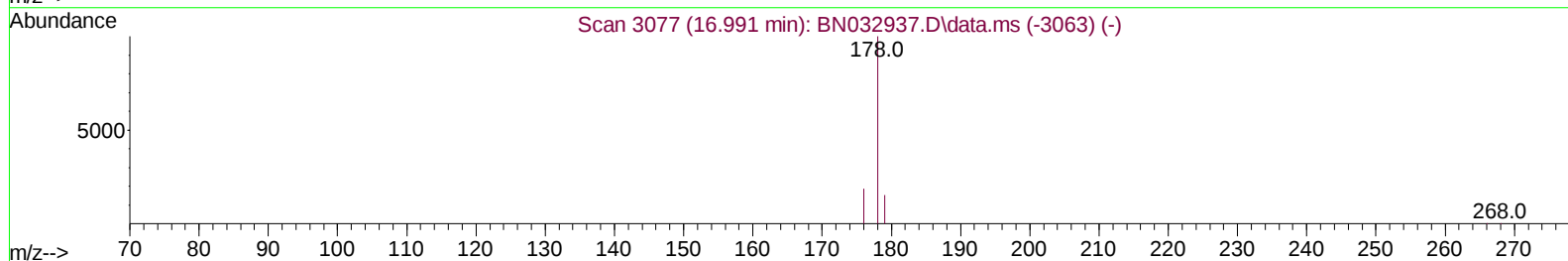
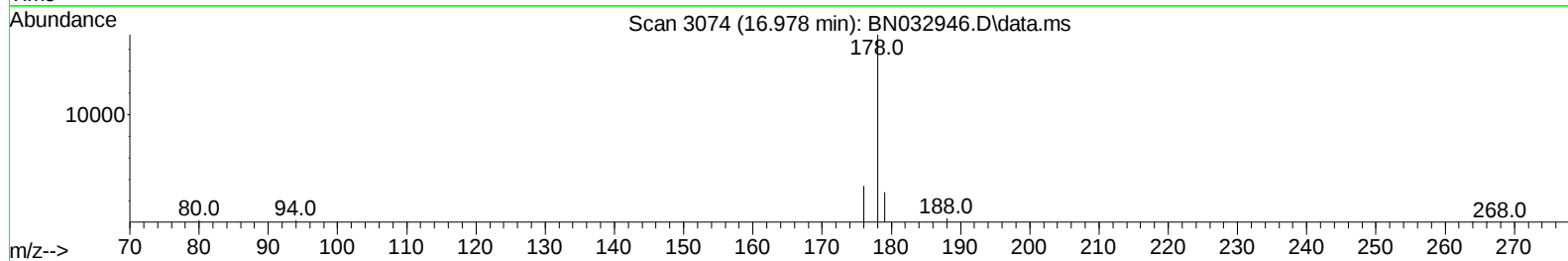
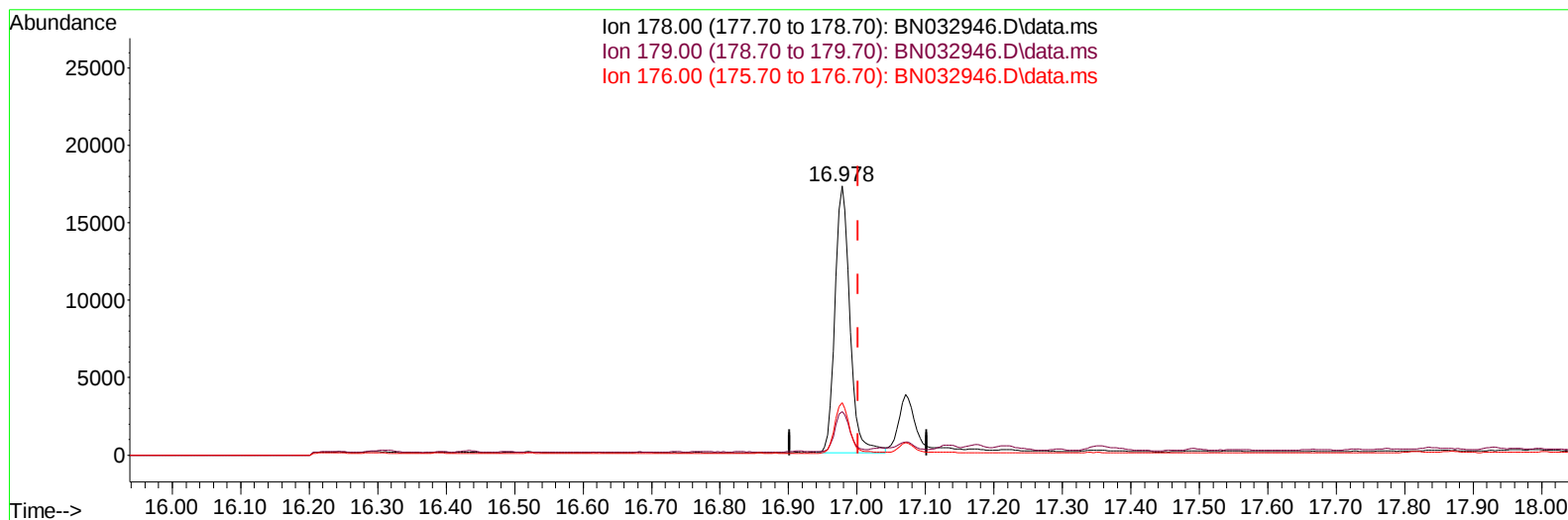
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032946.D
Acq On : 24 Jul 2024 13:35
Operator : MA/JU
Sample : P3215-22DL 5X
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ7DL

Manual IntegrationsAPPROVED

Quant Time: Jul 24 14:57:15 2024
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QLast Update : Sat Jul 20 01:52:15 2024
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TIC: BN032946.D\data.ms

(15) Phenanthrene

16.978min (-0.024) 0.53 ng/u1 m

response 26068

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	16.18
176.00	19.50	19.57
0.00	0.00	0.00

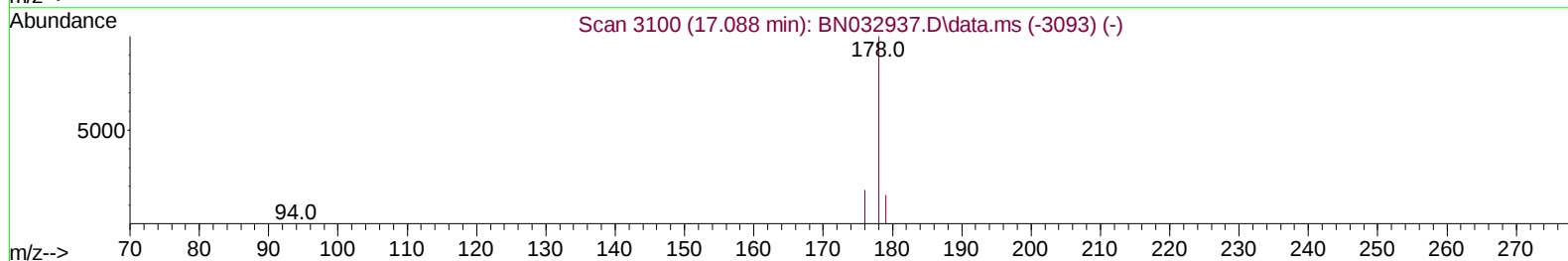
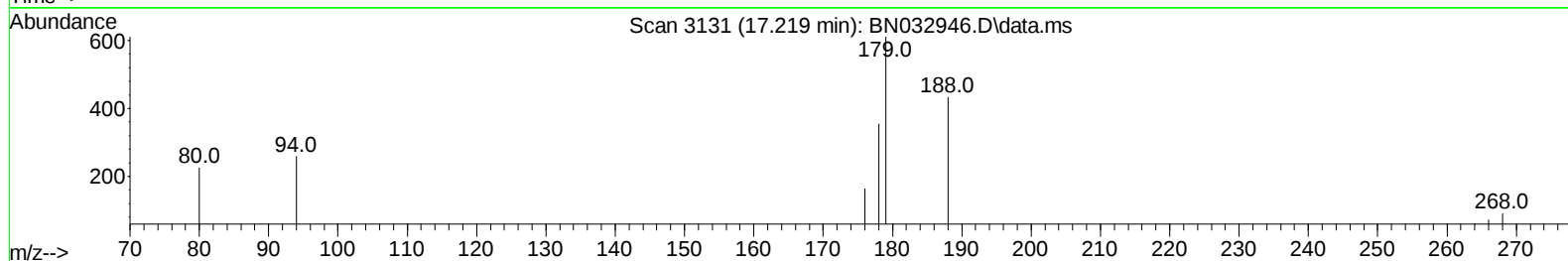
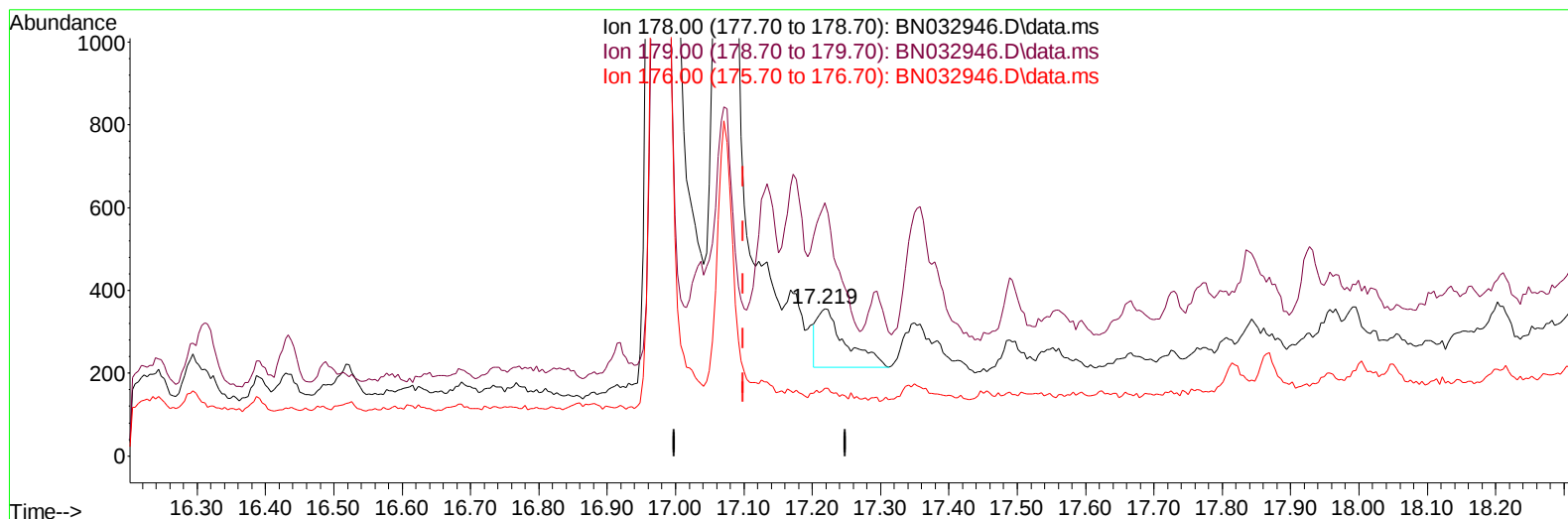
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032946.D
Acq On : 24 Jul 2024 13:35
Operator : MA/JU
Sample : P3215-22DL 5X
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ7DL

Manual IntegrationsAPPROVED

Quant Time: Jul 24 14:57:15 2024
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TIC: BN032946.D\data.ms

(16) Anthracene

17.219min (+ 0.120) 0.01 ng/u1

response 416

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	171.63#
176.00	19.20	46.07#
0.00	0.00	0.00

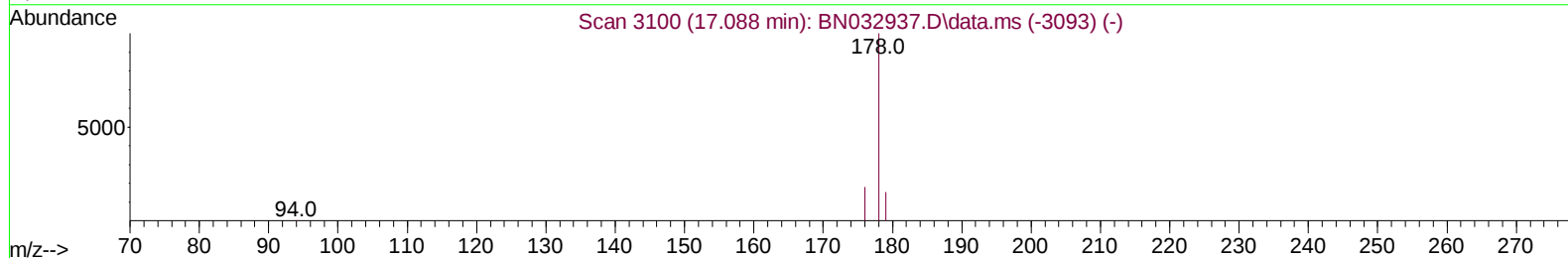
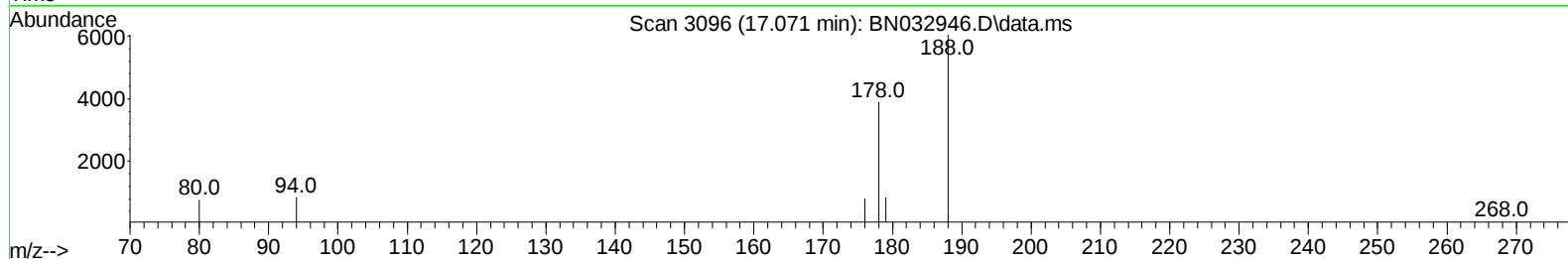
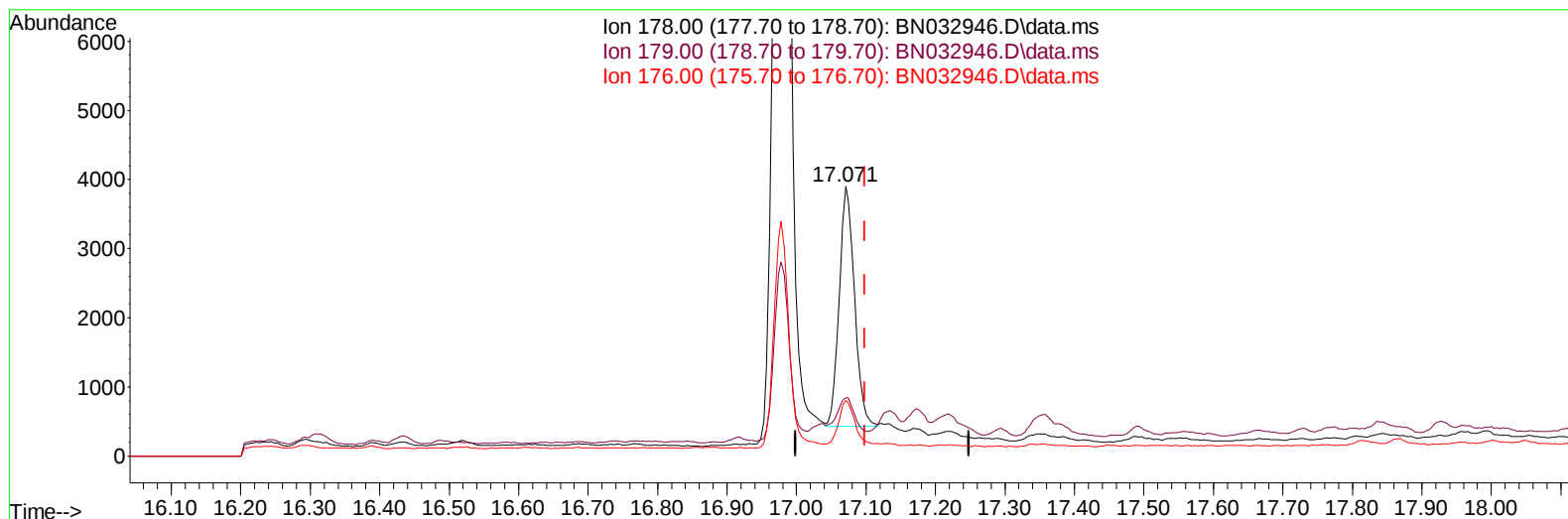
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032946.D
Acq On : 24 Jul 2024 13:35
Operator : MA/JU
Sample : P3215-22DL 5X
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ7DL

Manual IntegrationsAPPROVED

Quant Time: Jul 24 14:57:15 2024
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Supervised By :mohammad ahmed 07/26/2024



TIC: BN032946.D\data.ms

(16) Anthracene

17.071min (-0.028) 0.13 ng/ul m

response 5311

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	21.65#
176.00	19.20	20.75
0.00	0.00	0.00

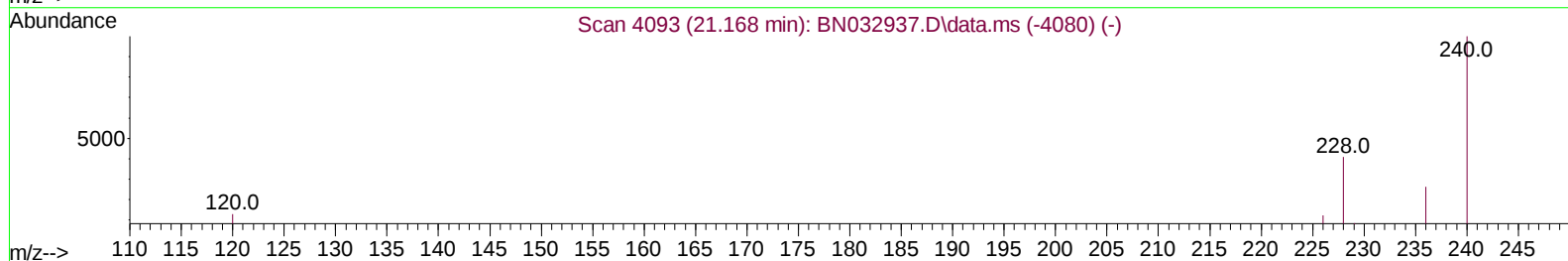
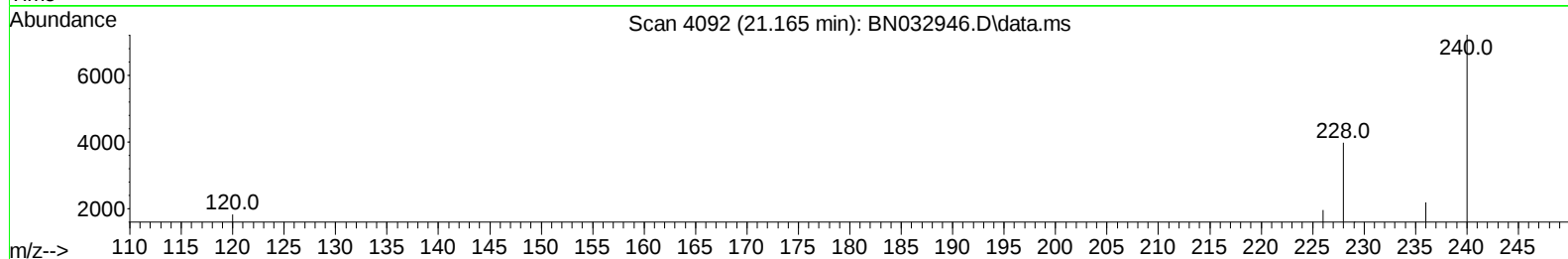
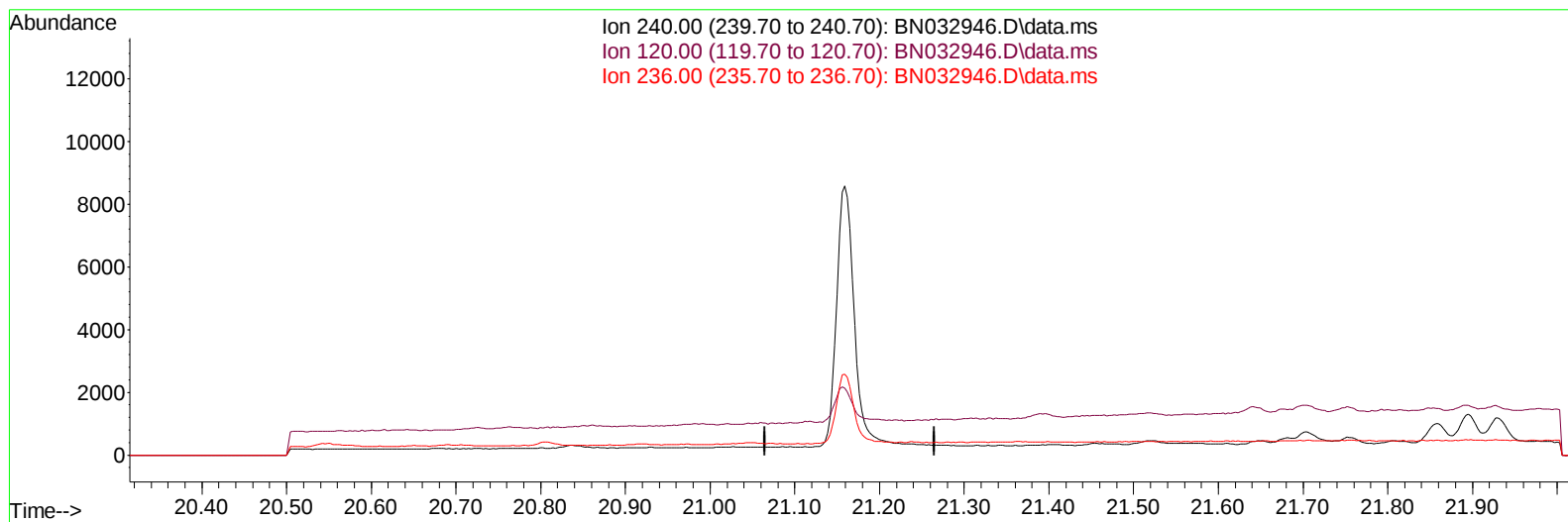
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032946.D
Acq On : 24 Jul 2024 13:35
Operator : MA/JU
Sample : P3215-22DL 5X
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ7DL

Manual IntegrationsAPPROVED

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TIC: BN032946.D\data.ms

(17) Chrysene-d12

21.165min (-21.165) 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

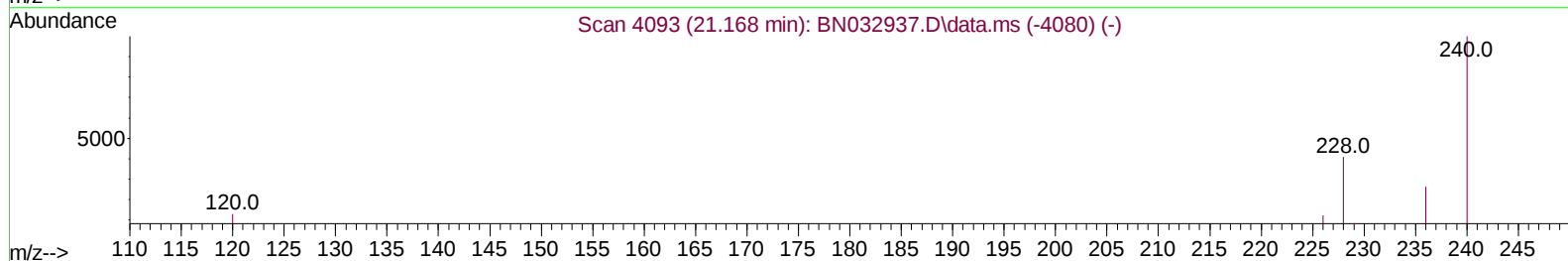
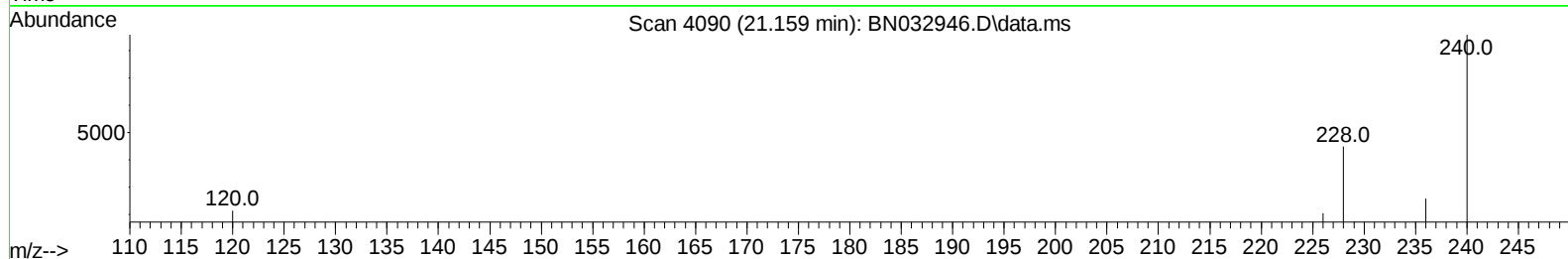
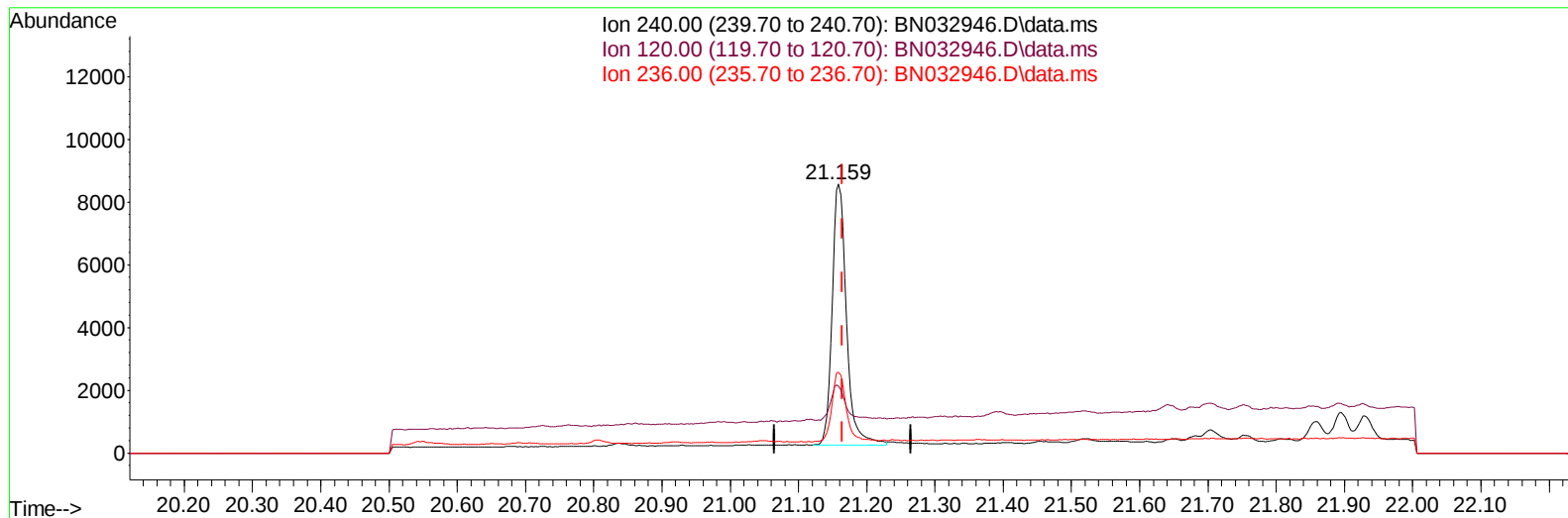
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032946.D
Acq On : 24 Jul 2024 13:35
Operator : MA/JU
Sample : P3215-22DL 5X
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ7DL

Manual IntegrationsAPPROVED

Quant Time: Jul 24 14:57:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BN032946.D\data.ms

(17) Chrysene-d12

21.159min (-0.006) 0.40 ng/ul m

response 12135

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	24.98#
236.00	28.40	30.03
0.00	0.00	0.00

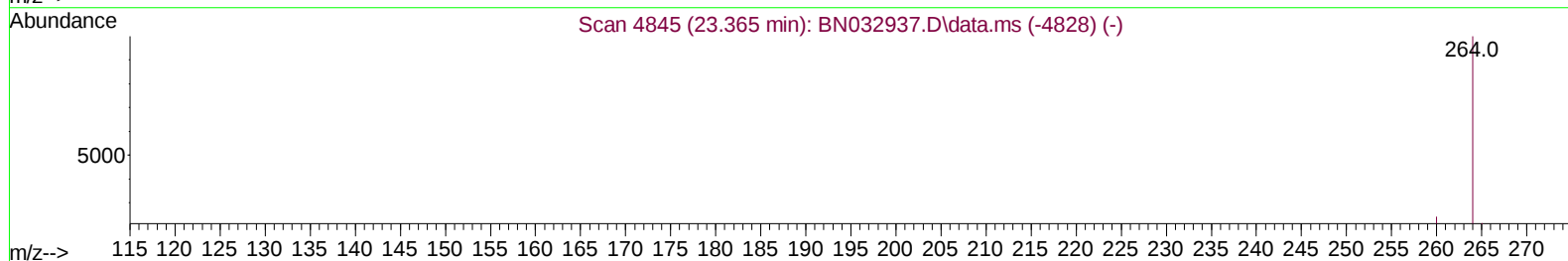
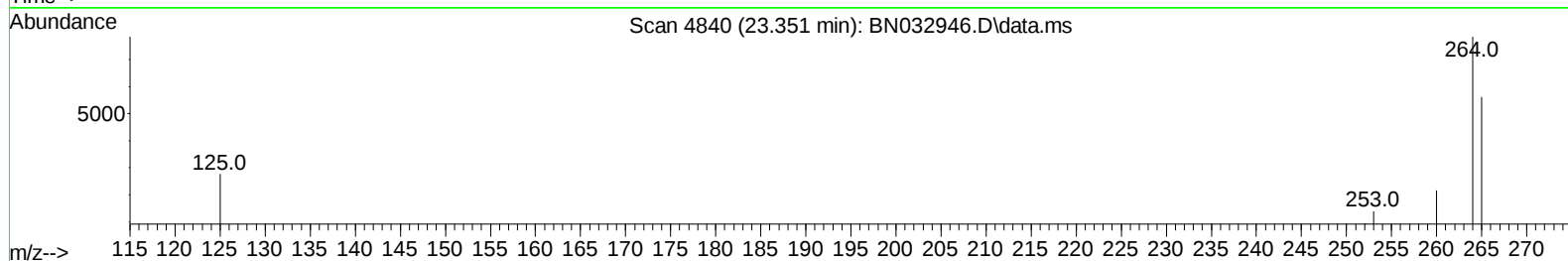
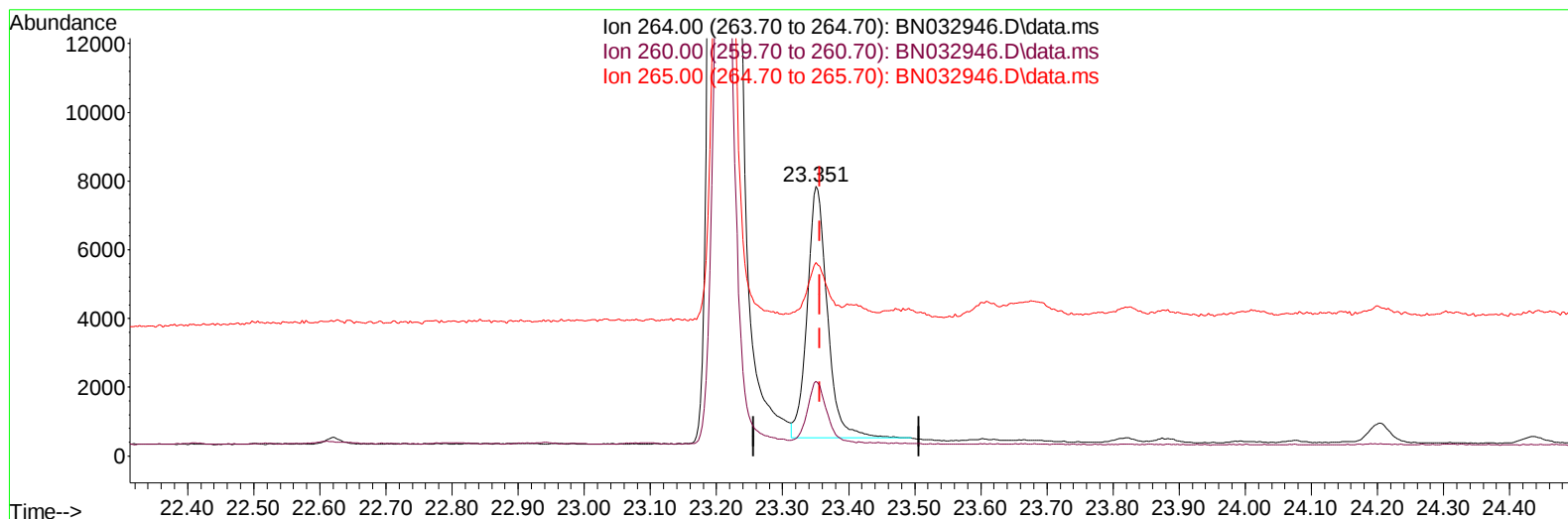
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032946.D
Acq On : 24 Jul 2024 13:35
Operator : MA/JU
Sample : P3215-22DL 5X
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ7DL

Manual IntegrationsAPPROVED

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TIC: BN032946.D\data.ms

(23) Perylene-d12 (I)

23.351min (-0.006) 0.40 ng/u1

response 15534

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	27.64
265.00	95.50	71.69#
0.00	0.00	0.00

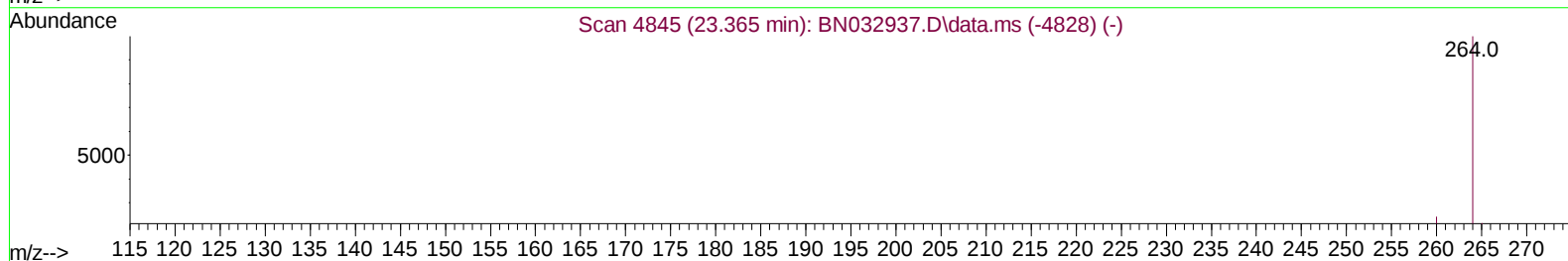
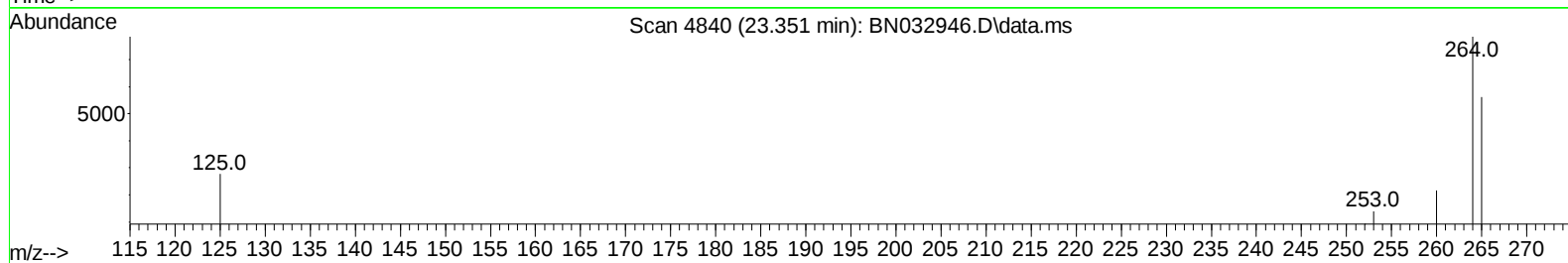
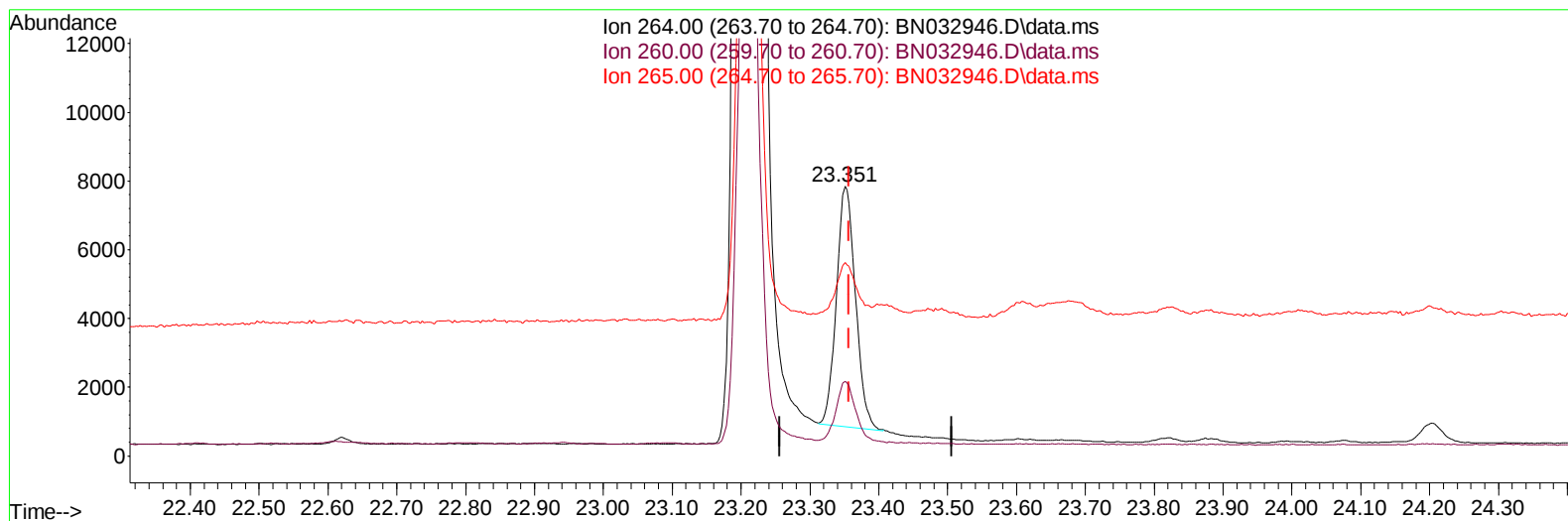
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032946.D
Acq On : 24 Jul 2024 13:35
Operator : MA/JU
Sample : P3215-22DL 5X
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ7DL

Manual IntegrationsAPPROVED

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TIC: BN032946.D\data.ms

(23) Perylene-d12 (I)

23.351min (-0.006) 0.40 ng/ul m

response 13480

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	27.64
265.00	95.50	71.69#
0.00	0.00	0.00

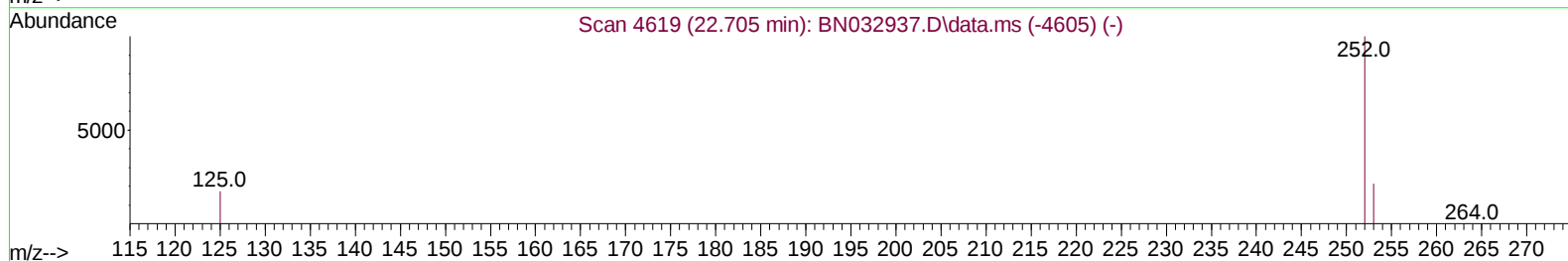
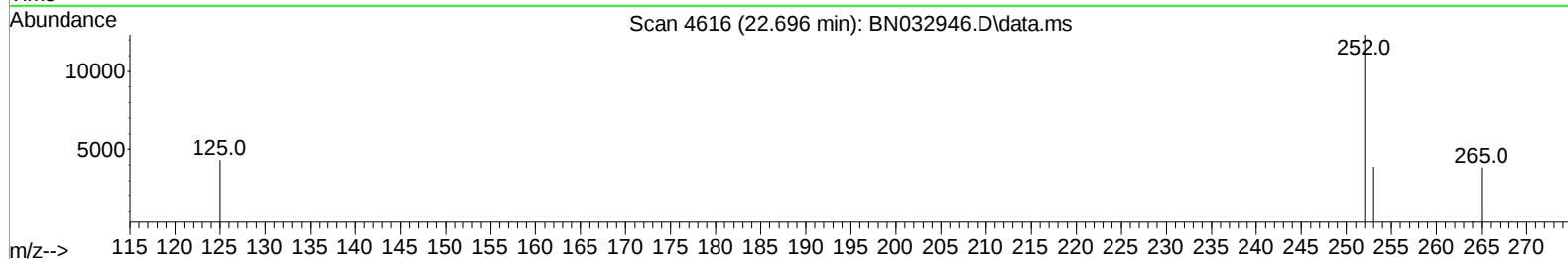
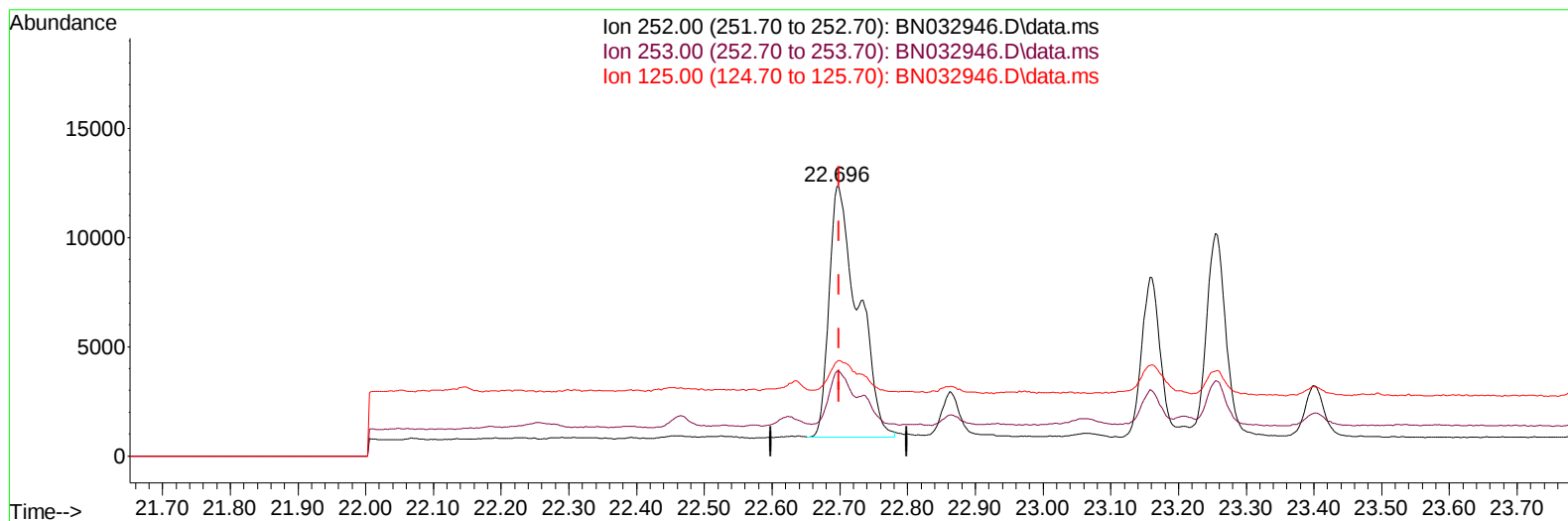
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032946.D
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Operator : MA/JU
Sample : P3215-22DL 5X
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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TIC: BN032946.D\data.ms

(24) Benzo(b)fluoranthene

22.696min (-0.003) 0.72 ng/u1

response 34033

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	31.49
125.00	18.00	35.13
0.00	0.00	0.00

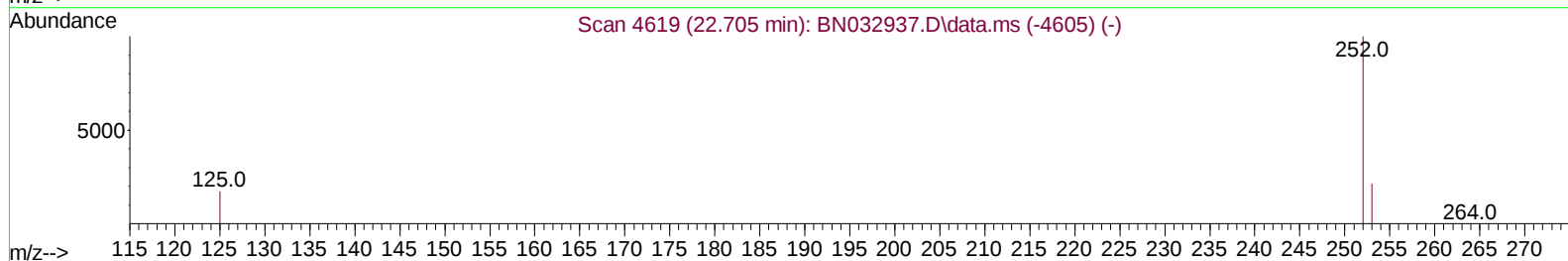
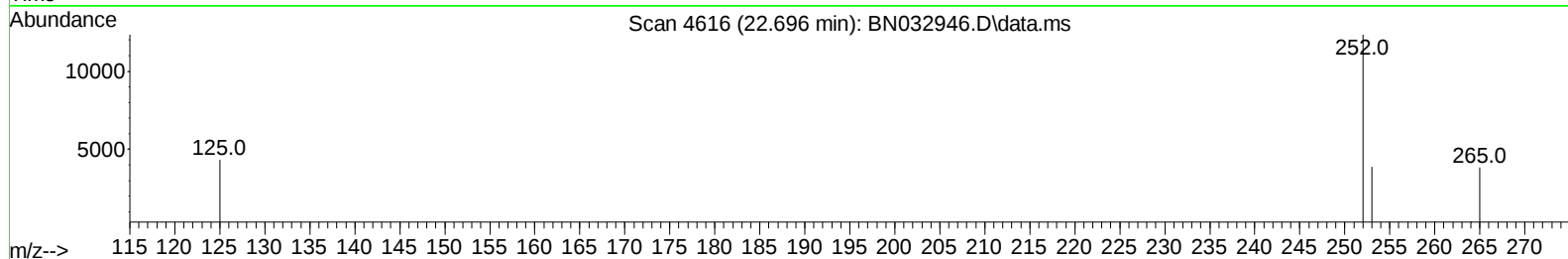
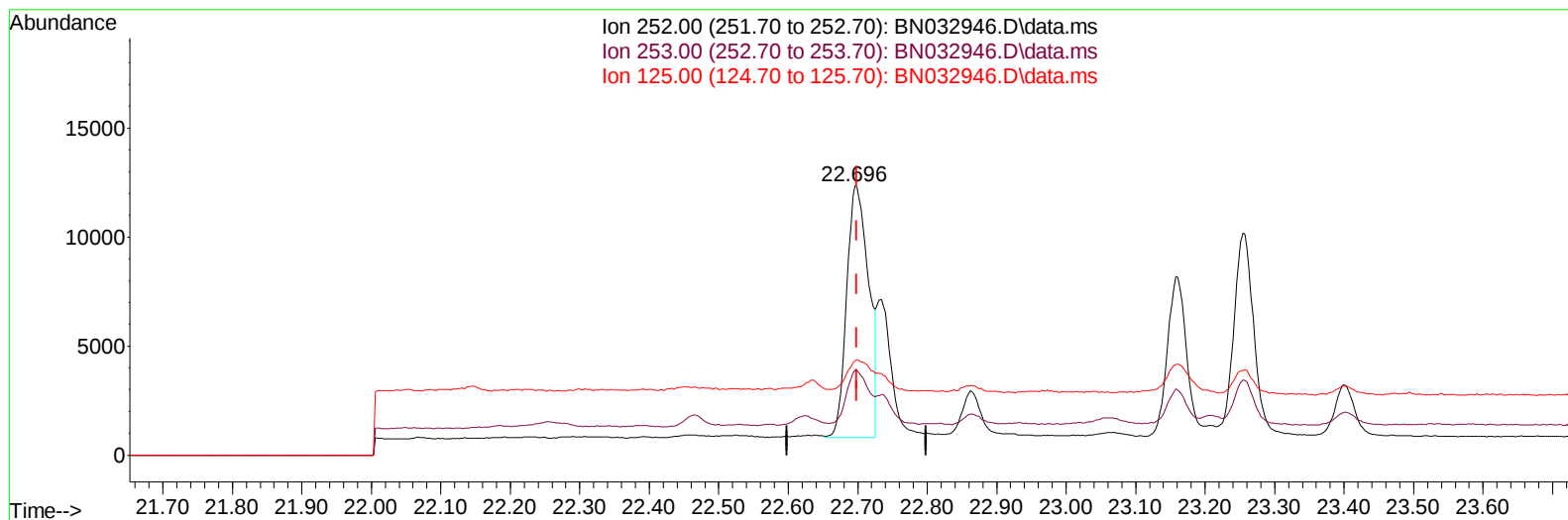
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032946.D
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Sample : P3215-22DL 5X
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ7DL

Manual IntegrationsAPPROVED

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TIC: BN032946.D\data.ms

(24) Benzo(b)fluoranthene

22.696min (-0.003) 0.54 ng/u1 m

response 25540

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	31.49
125.00	18.00	35.13
0.00	0.00	0.00

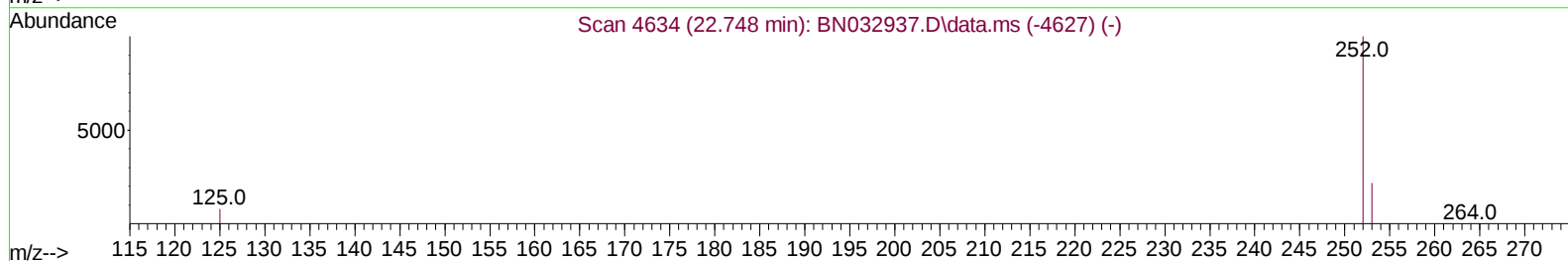
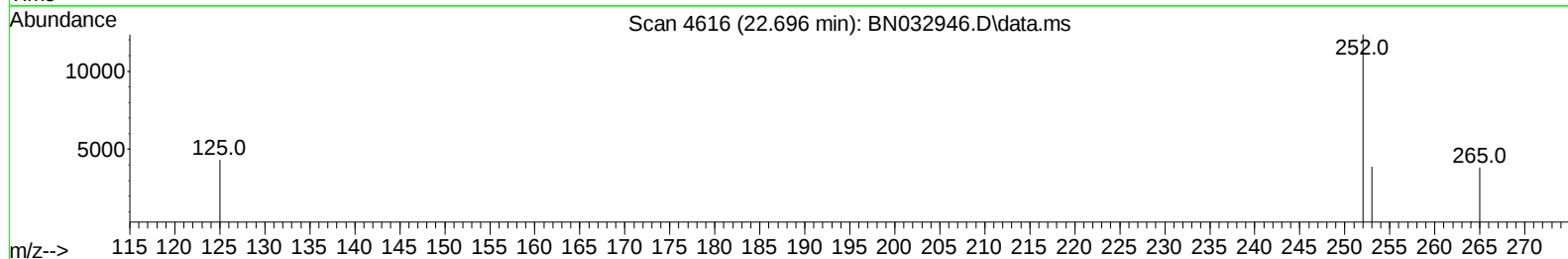
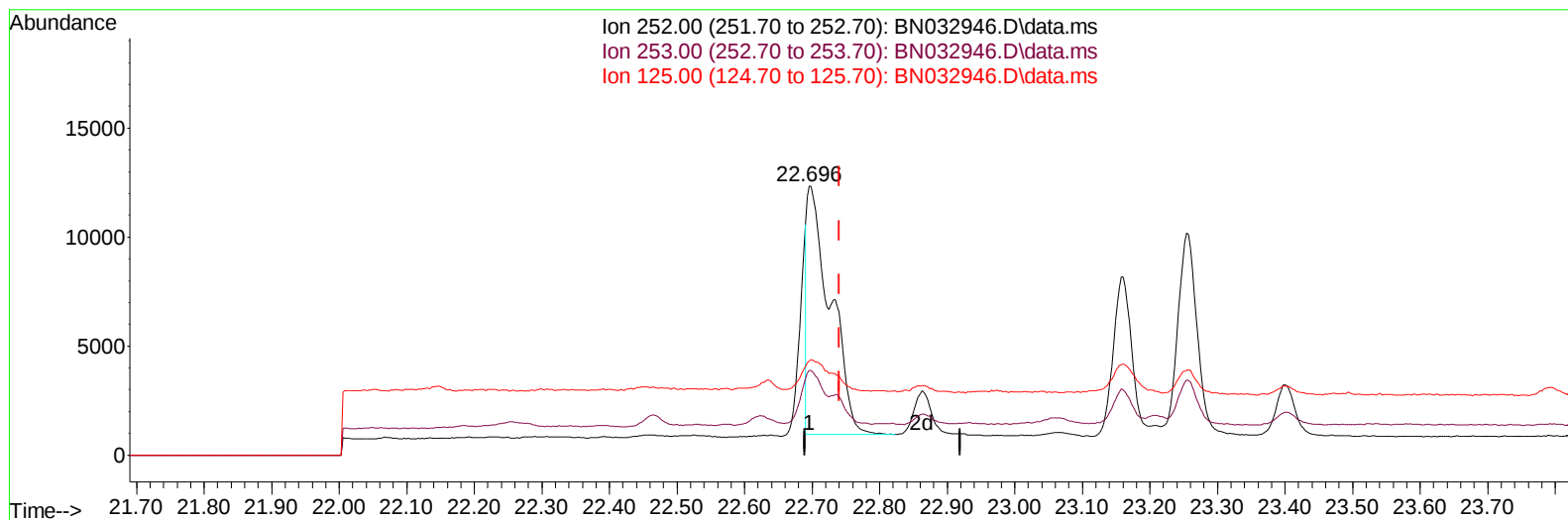
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032946.D
Acq On : 24 Jul 2024 13:35
Operator : MA/JU
Sample : P3215-22DL 5X
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ7DL

Manual IntegrationsAPPROVED

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TIC: BN032946.D\data.ms

(25) Benzo(k)fluoranthene

22.696min (-0.044) 0.47 ng/u1

response 27203

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	31.49
125.00	18.50	35.13#
0.00	0.00	0.00

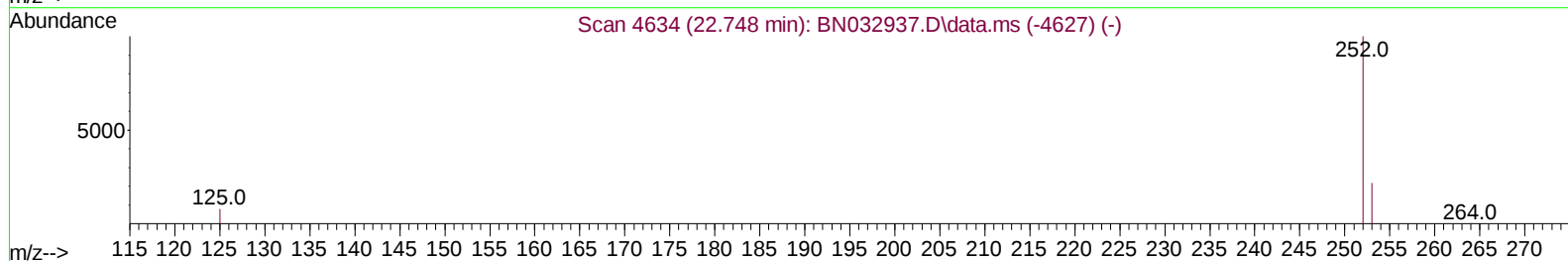
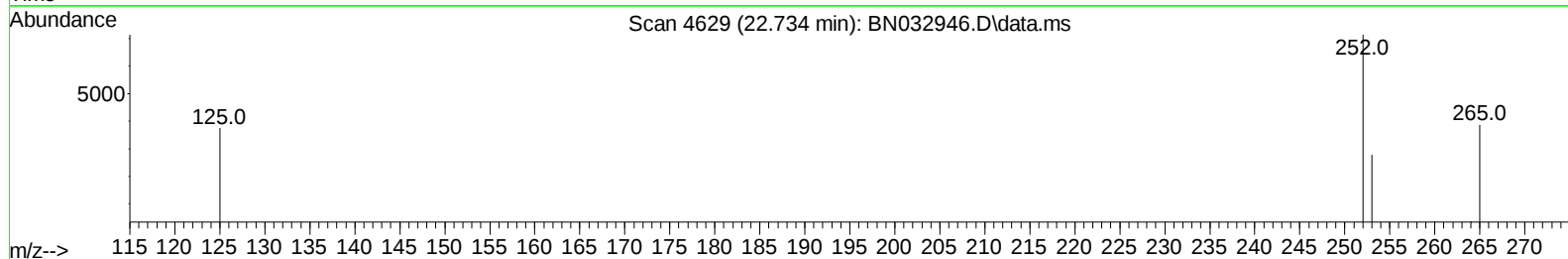
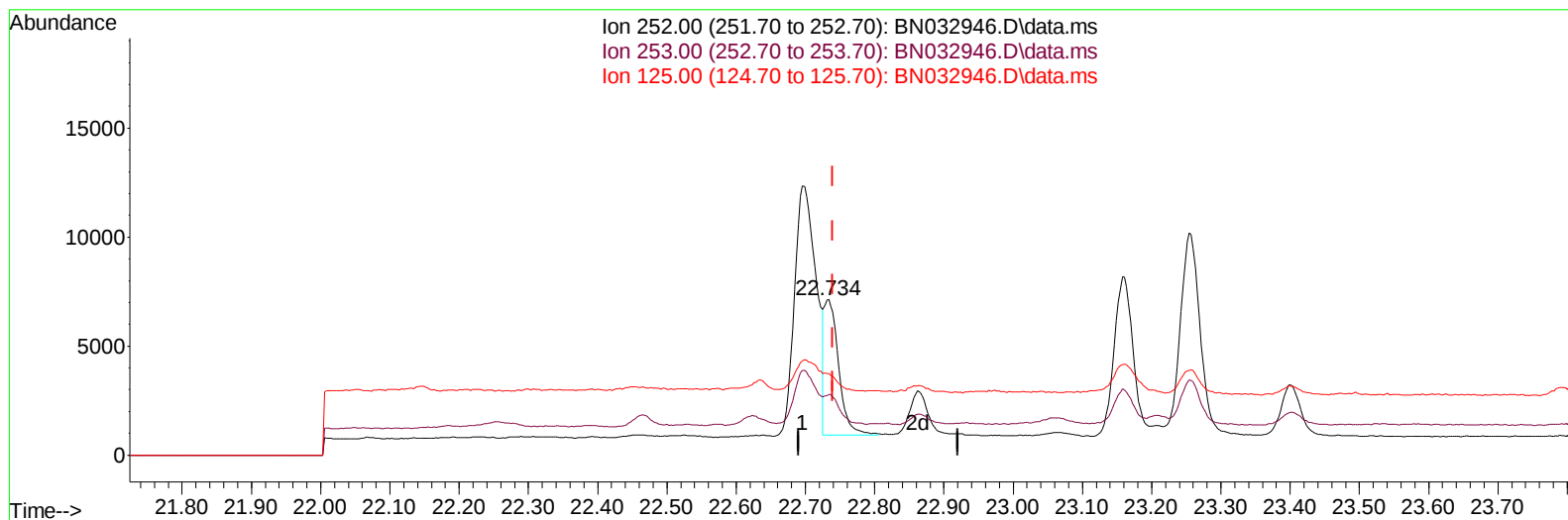
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032946.D
Acq On : 24 Jul 2024 13:35
Operator : MA/JU
Sample : P3215-22DL 5X
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ7DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024

Quant Time: Jul 24 14:57:15 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 : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration



TIC: BN032946.D\data.ms

(25) Benzo(k)fluoranthene

22.734min (-0.006) 0.15 ng/ul m

response 8768

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	39.11#
125.00	18.50	52.57#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032946.D
 Acq On : 24 Jul 2024 13:35
 Operator : MA/JU
 Sample : P3215-22DL 5X
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.519	152	4833	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.294	136	16633	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.174	164	9434	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.936	188	18028m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.159	240	12135m	0.400	ng/ul	0.00
23) Perylene-d12	23.351	264	13480m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	4255	0.733	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.905	152	1454	0.058	ng/ul	-0.02
18) Fluoranthene-d10	18.980	212	2267	0.057	ng/ul	-0.02
Target Compounds				Qvalue		
5) Naphthalene	10.343	128	1760	0.039	ng/ul#	85
7) 2-Methylnaphthalene	11.977	142	796	0.029	ng/ul	99
10) Acenaphthylene	13.892	152	2555	0.067	ng/ul#	86
11) Acenaphthene	14.235	153	1611	0.051	ng/ul	98
12) Fluorene	15.234	166	2057	0.057	ng/ul#	96
15) Phenanthrene	16.978	178	26068m	0.531	ng/ul	
16) Anthracene	17.071	178	5311m	0.132	ng/ul	
19) Fluoranthene	19.013	202	41461	0.840	ng/ul	99
20) Pyrene	19.380	202	40171	0.787	ng/ul	99
21) Benzo(a)anthracene	21.144	228	20736	0.537	ng/ul#	92
22) Chrysene	21.194	228	18219	0.326	ng/ul#	92
24) Benzo(b)fluoranthene	22.696	252	25540m	0.537	ng/ul	
25) Benzo(k)fluoranthene	22.734	252	8768m	0.151	ng/ul	
26) Benzo(a)pyrene	23.254	252	18405	0.447	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.566	276	12899	0.231	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.562	278	3312	0.077	ng/ul#	1
29) Benzo(g,h,i)perylene	26.250	276	13181	0.283	ng/ul#	80

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

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Manual IntegrationsAPPROVED

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