

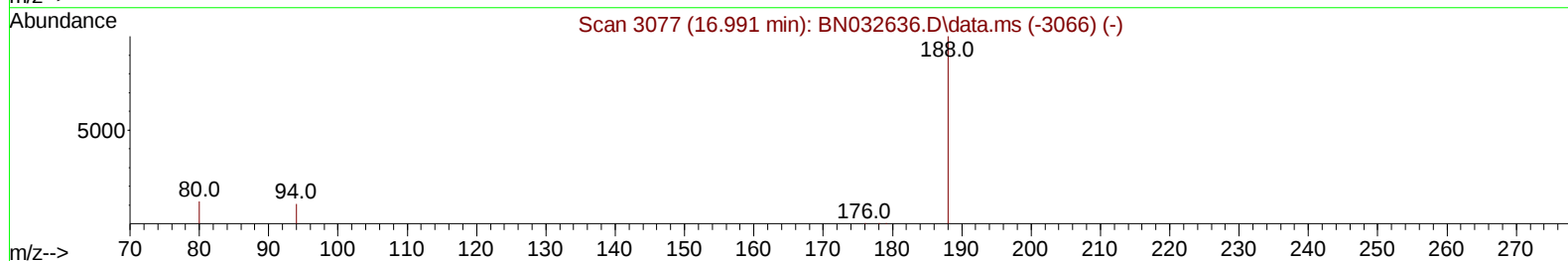
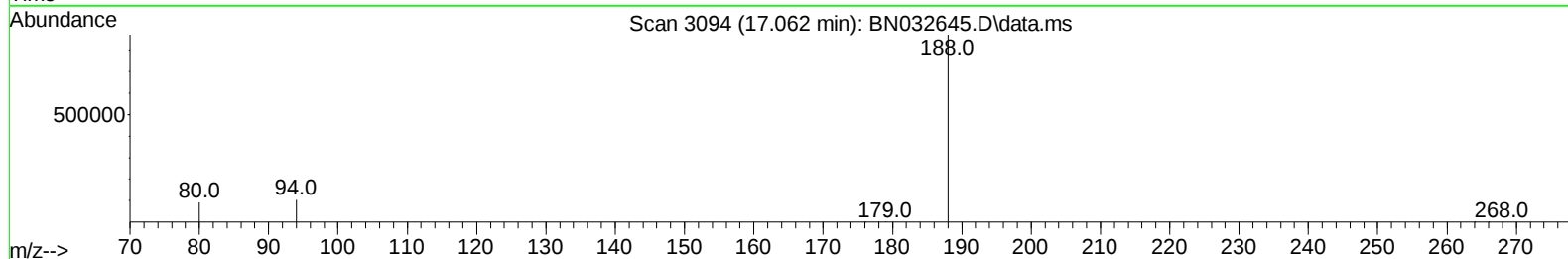
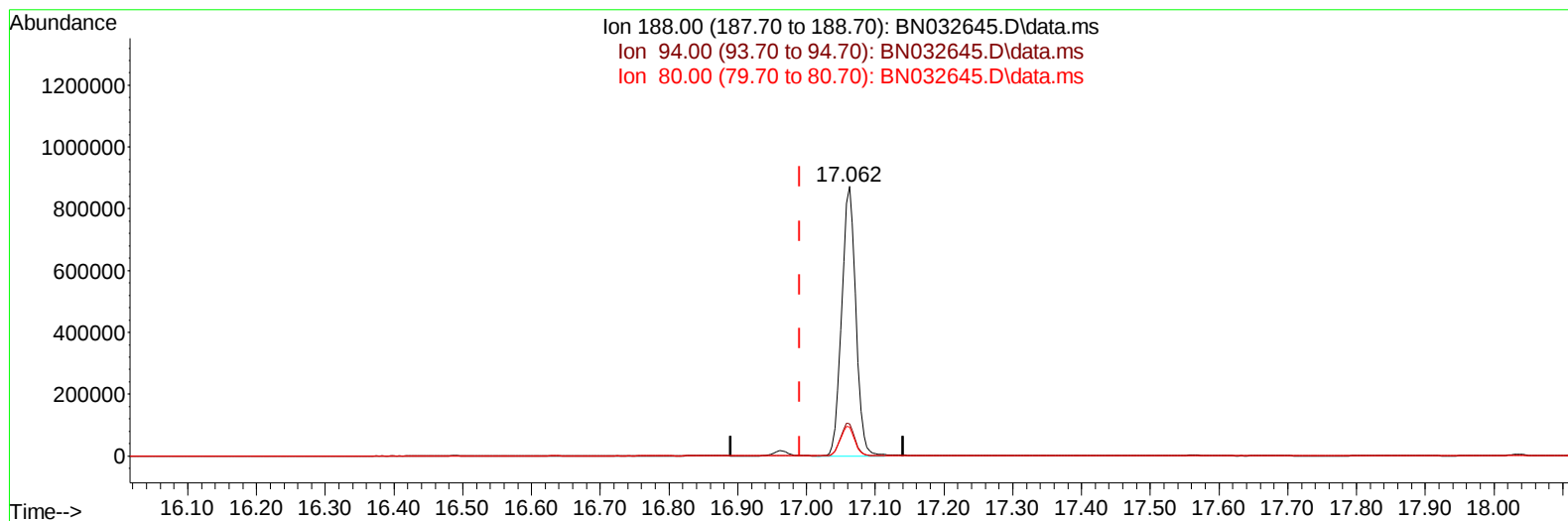
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032645.D
Acq On : 11 Jul 2024 20:45
Operator : MA/JU
Sample : P3035-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CY1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 02:39:14 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: BN032645.D\data.ms

(13) Phenanthrene-d10 (I)

17.062min (+ 0.072) 0.40 ng/u1

response 1248447

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	11.97
80.00	12.00	10.65
0.00	0.00	0.00

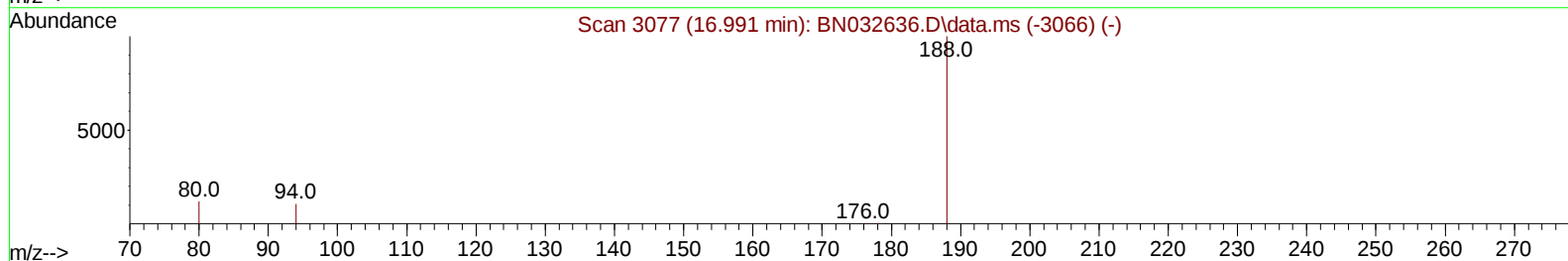
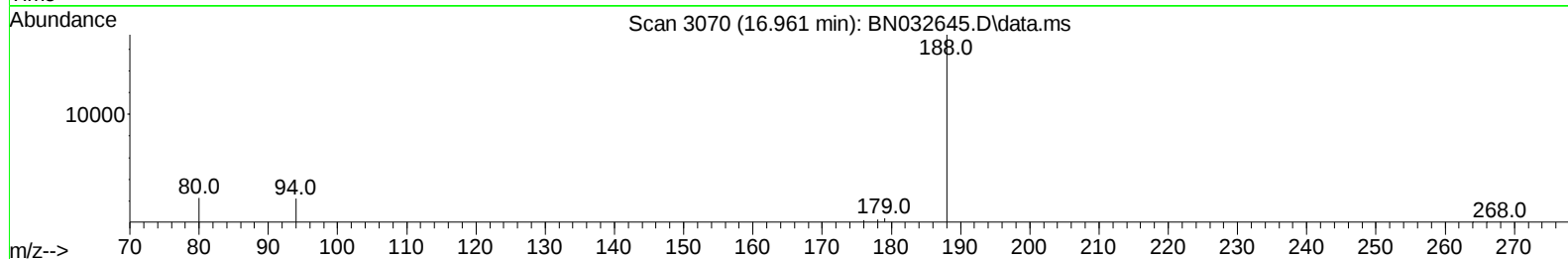
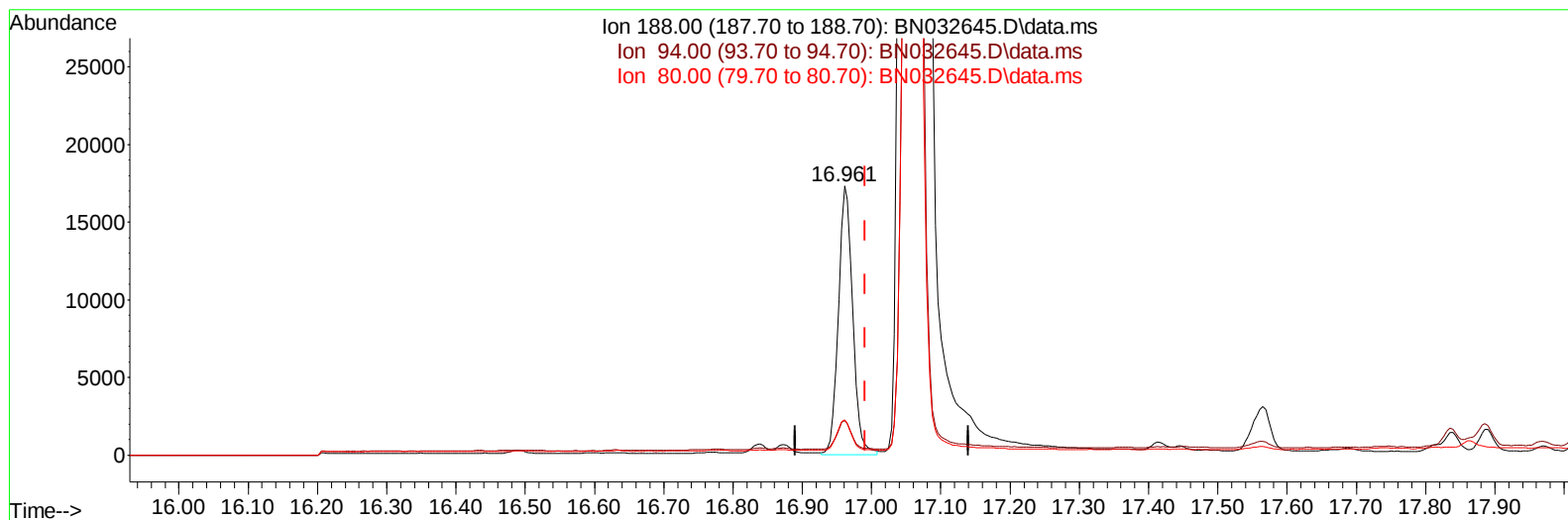
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032645.D
Acq On : 11 Jul 2024 20:45
Operator : MA/JU
Sample : P3035-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CY1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 02:39:14 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: BN032645.D\data.ms

(13) Phenanthrene-d10 (I)

16.961min (-0.030) 0.40 ng/ul m

response 24795

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	12.81
80.00	12.00	13.07
0.00	0.00	0.00

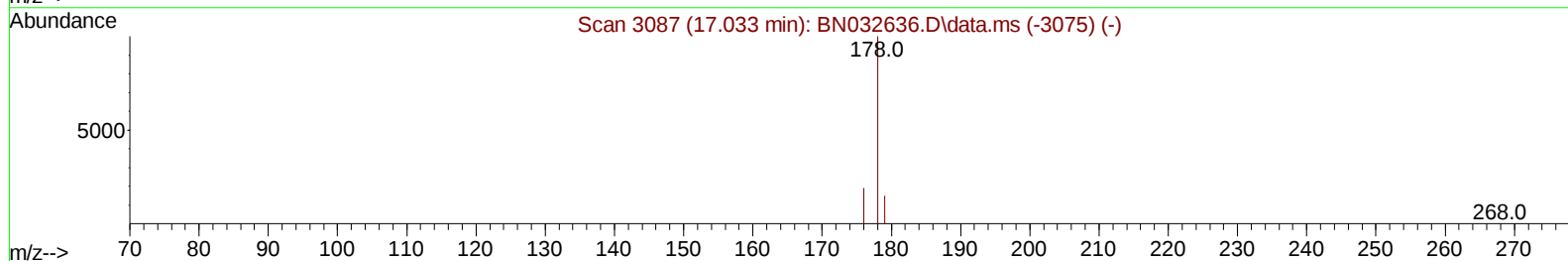
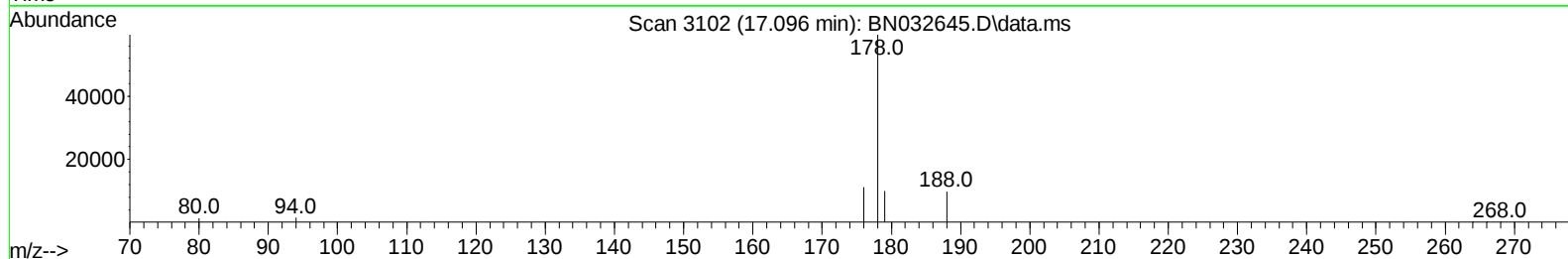
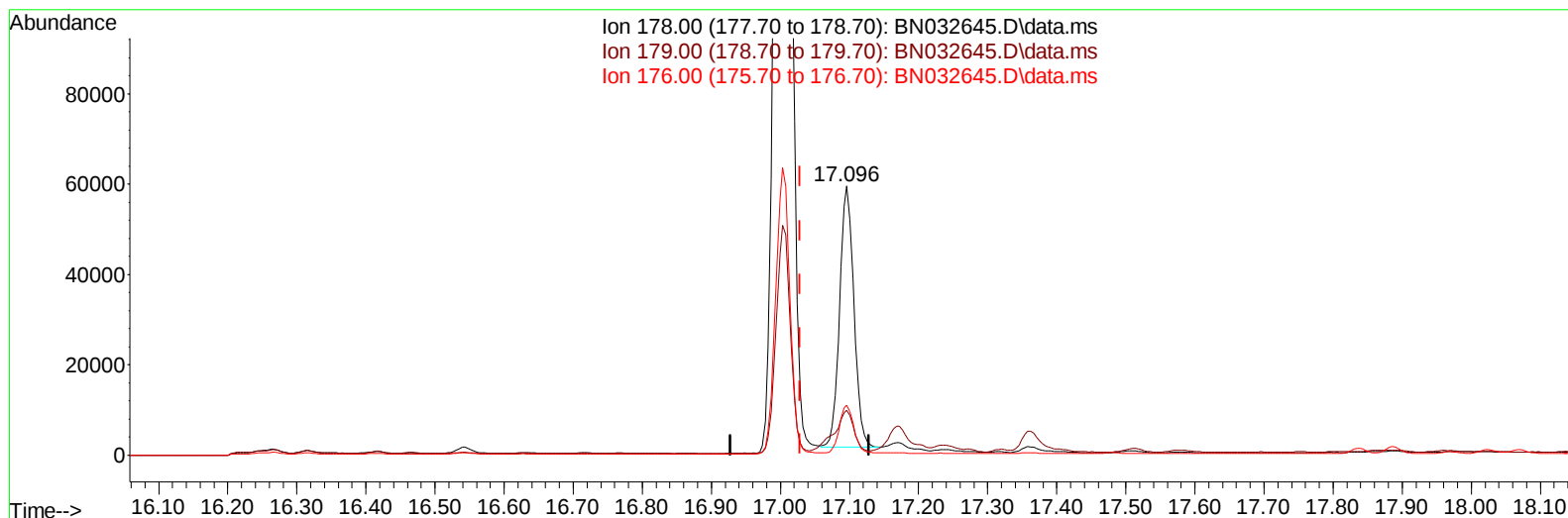
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032645.D
Acq On : 11 Jul 2024 20:45
Operator : MA/JU
Sample : P3035-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CY1

Manual IntegrationsAPPROVED

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

Quant Time: Jul 12 02:39:14 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: BN032645.D\data.ms

(15) Phenanthrene

17.096min (+ 0.068) 1.23 ng/u1

response 82827

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	16.60
176.00	19.50	18.60
0.00	0.00	0.00

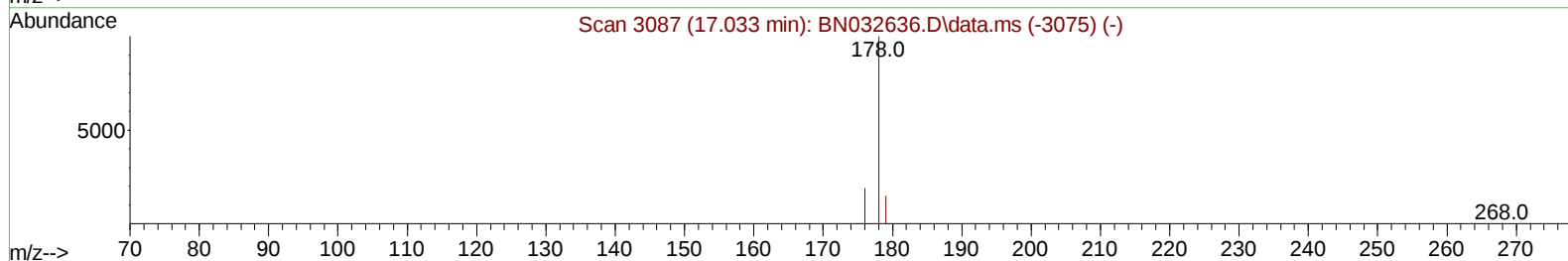
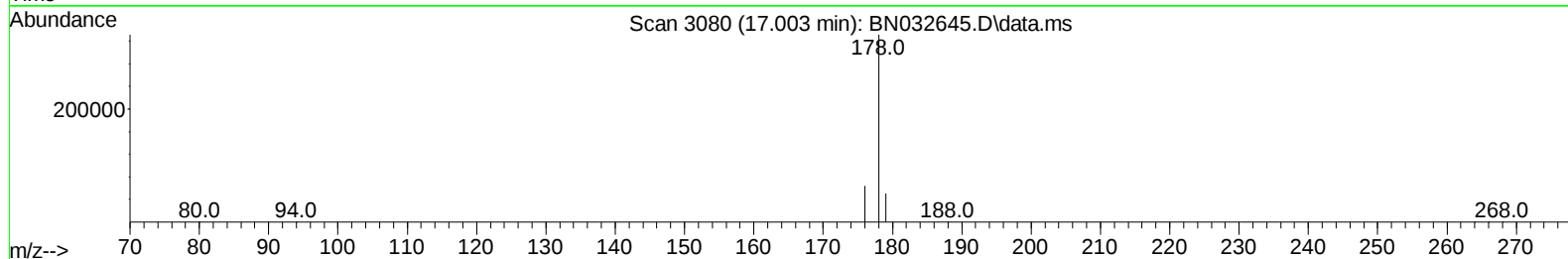
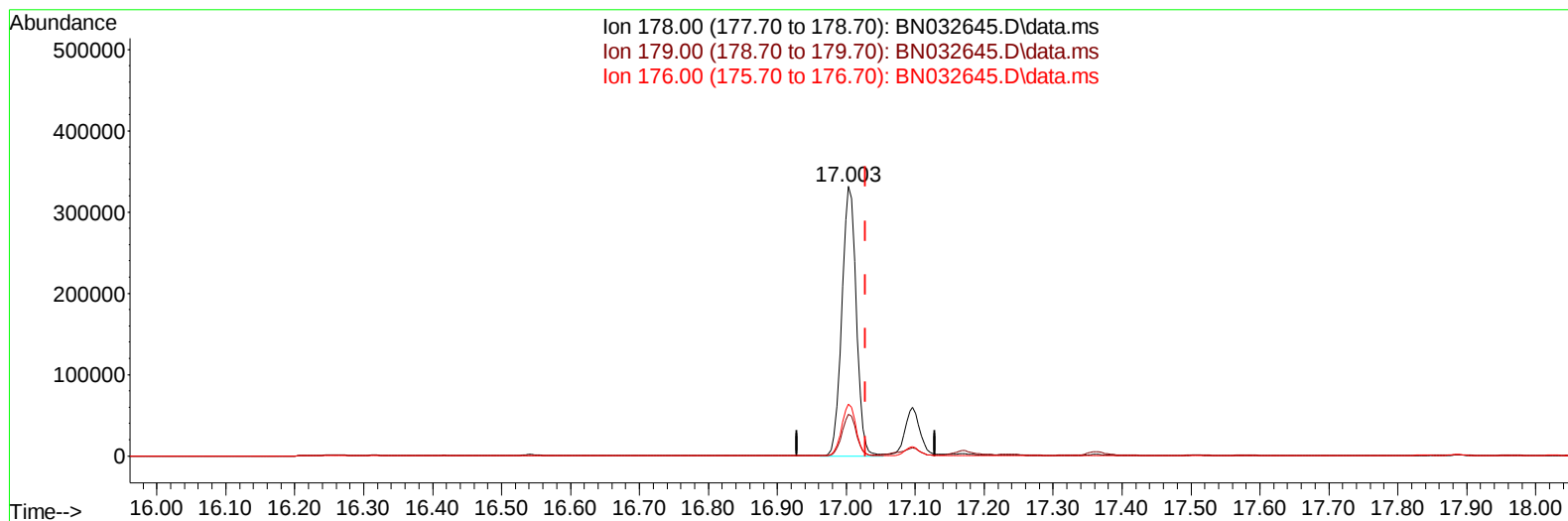
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032645.D
Acq On : 11 Jul 2024 20:45
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Sample : P3035-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CY1

Manual IntegrationsAPPROVED

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

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QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration



TIC: BN032645.D\data.ms

(15) Phenanthrene

17.003min (-0.025) 7.10 ng/u1 m

response 479713

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	15.37
176.00	19.50	19.21
0.00	0.00	0.00

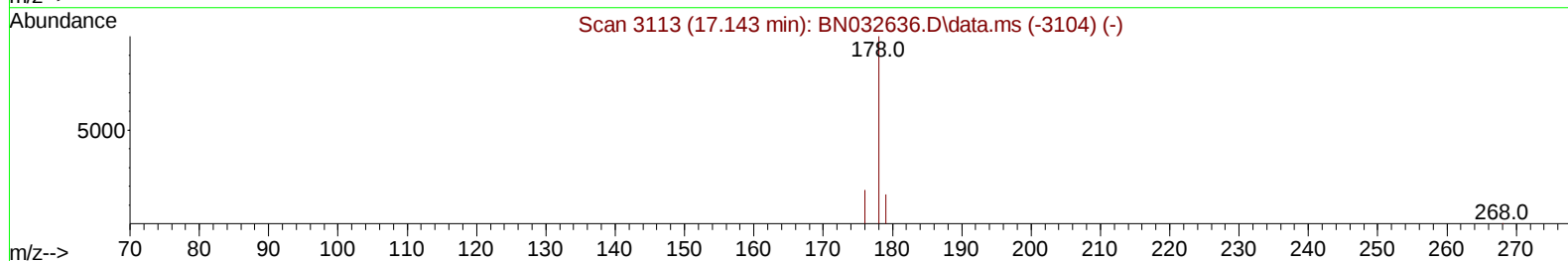
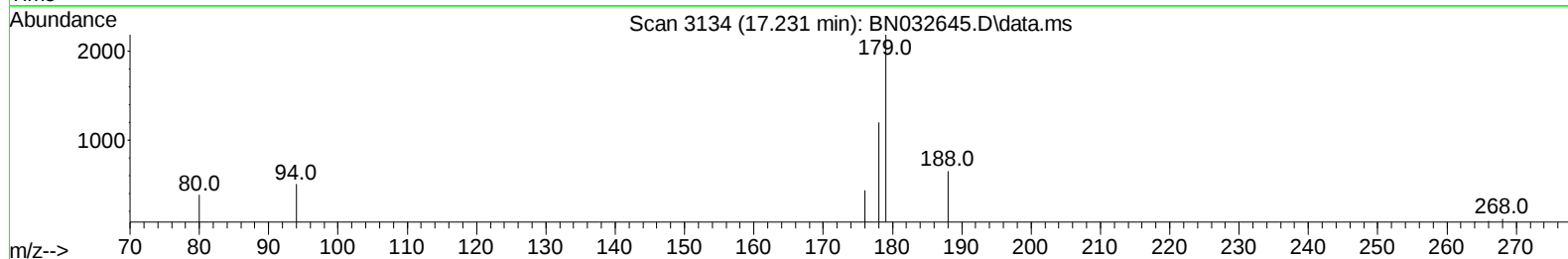
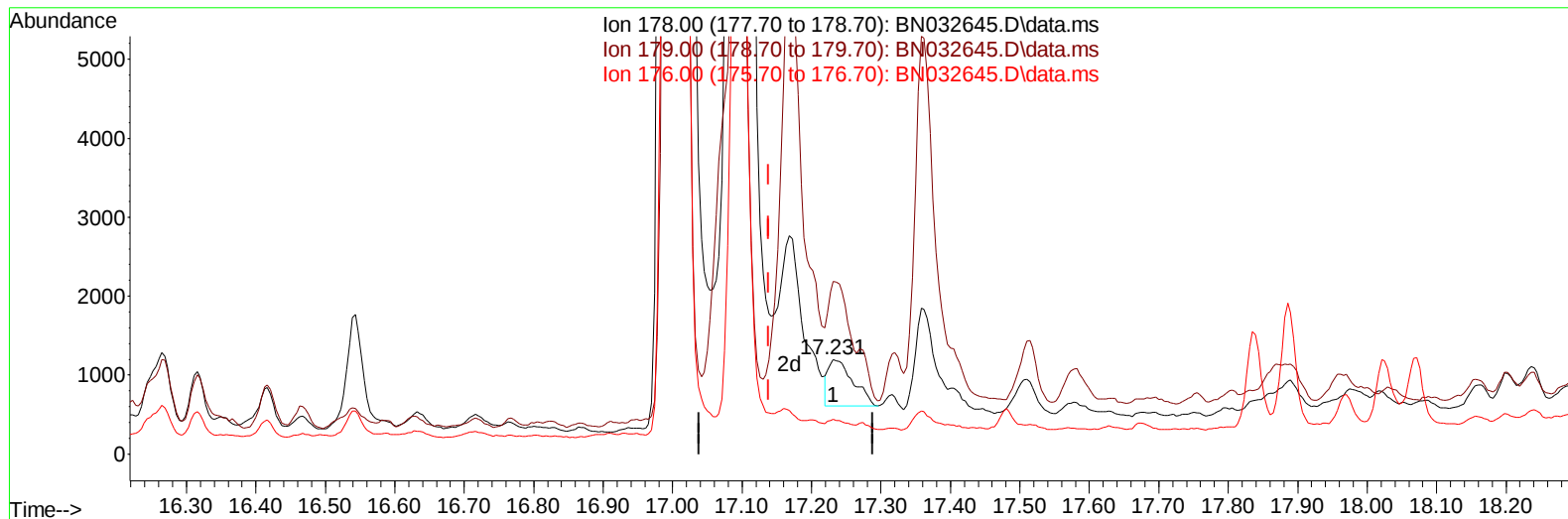
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032645.D
Acq On : 11 Jul 2024 20:45
Operator : MA/JU
Sample : P3035-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CY1

Manual IntegrationsAPPROVED

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TIC: BN032645.D\data.ms

(16) Anthracene

17.231min (+ 0.093) 0.03 ng/u1

response 1476

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	182.46#
176.00	19.20	36.59#
0.00	0.00	0.00

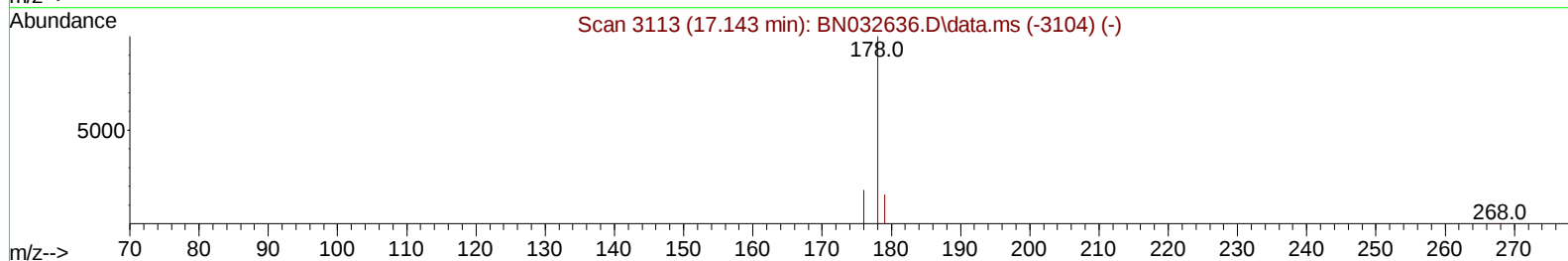
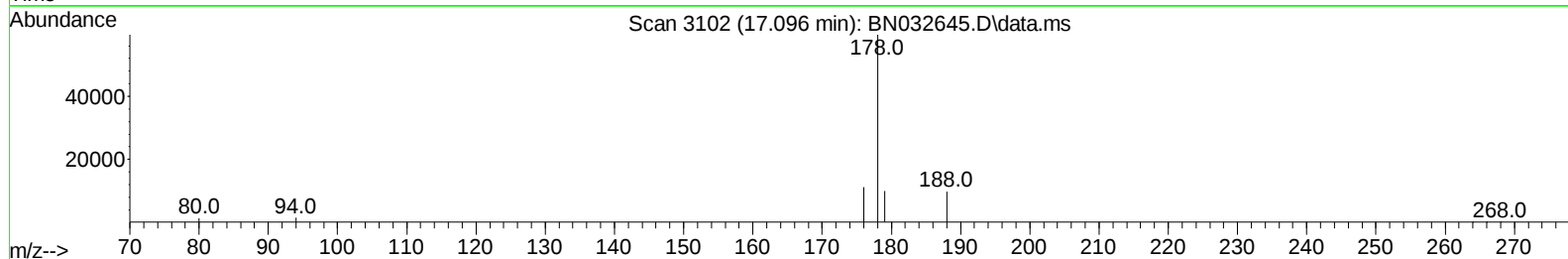
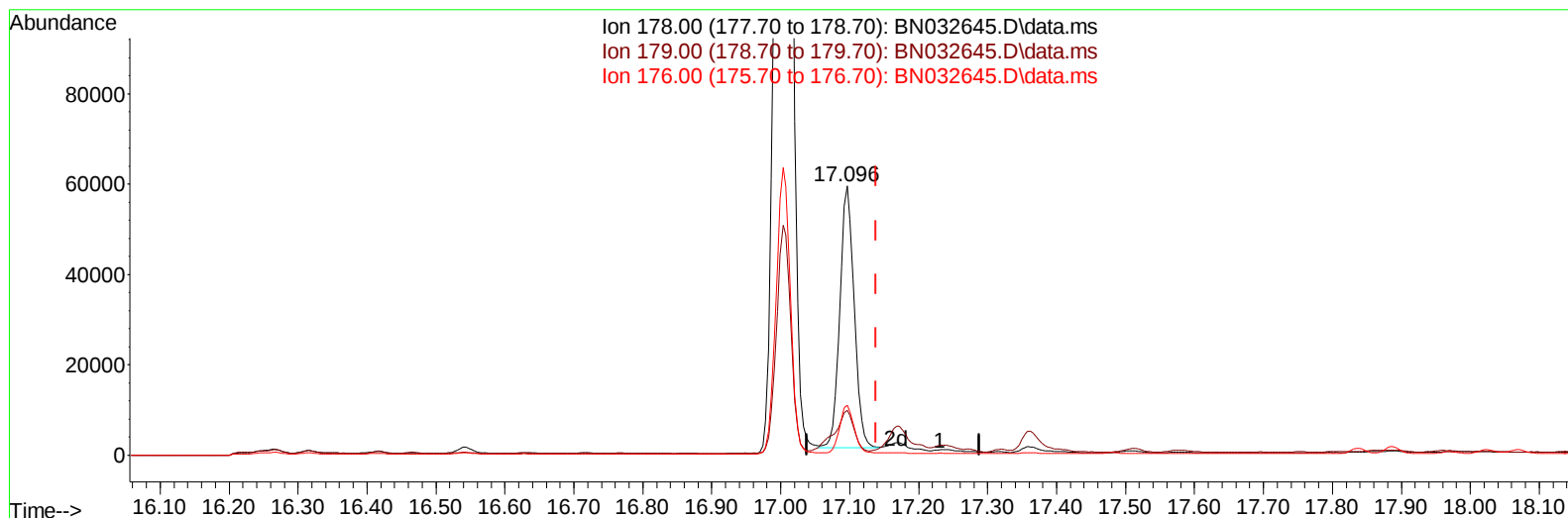
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032645.D
Acq On : 11 Jul 2024 20:45
Operator : MA/JU
Sample : P3035-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CY1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 02:39:14 2024
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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: BN032645.D\data.ms

(16) Anthracene

17.096min (-0.042) 1.51 ng/ul m

response 83174

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	16.60
176.00	19.20	18.60
0.00	0.00	0.00

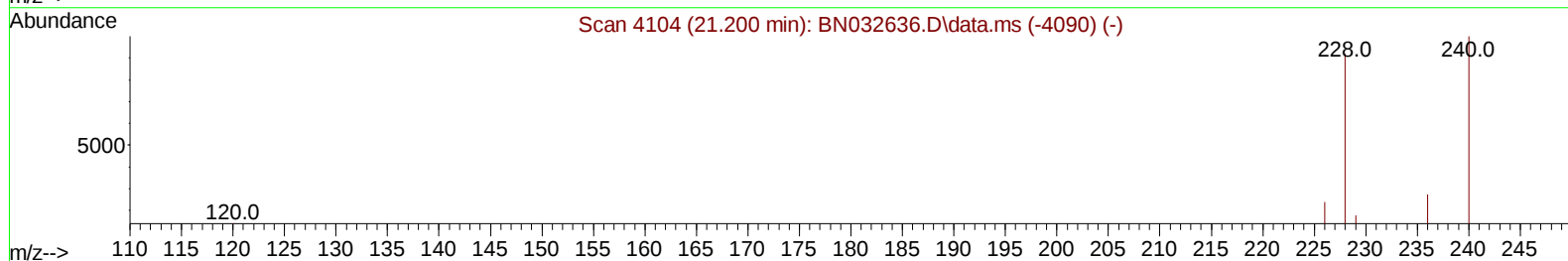
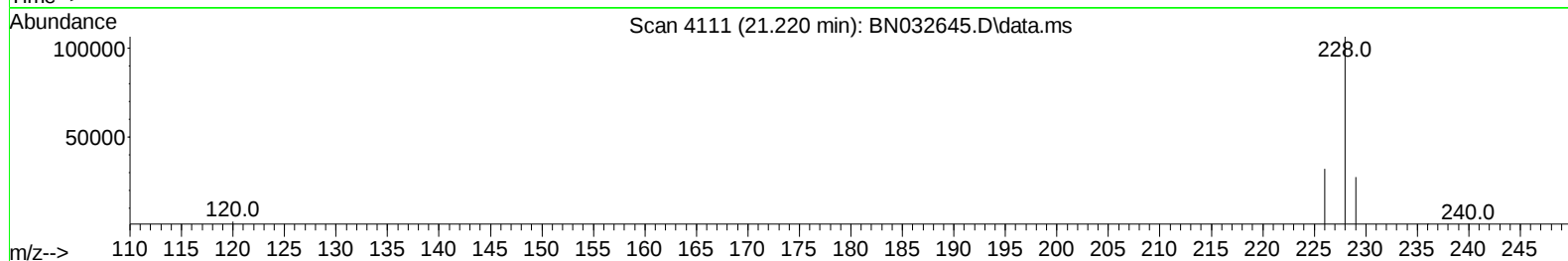
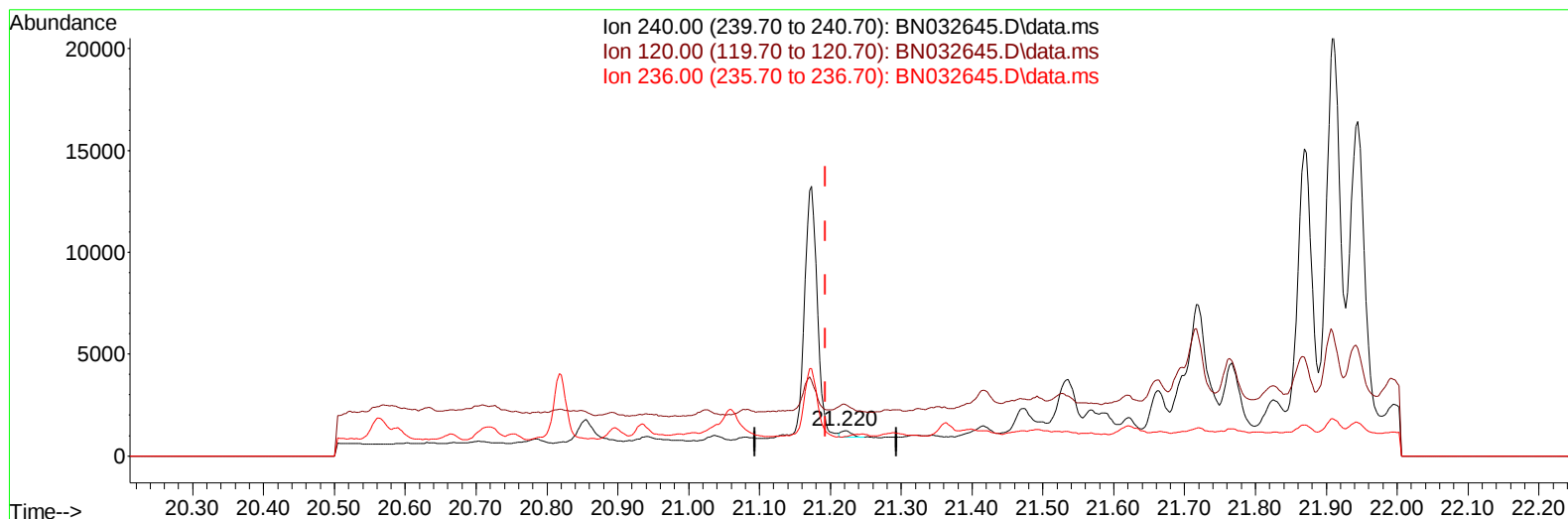
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032645.D
Acq On : 11 Jul 2024 20:45
Operator : MA/JU
Sample : P3035-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CY1

Manual IntegrationsAPPROVED

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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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Supervised By :mohammad ahmed 07/16/2024



TIC: BN032645.D\data.ms

(17) Chrysene-d12

21.220min (+ 0.026) 0.40 ng/u1

response 348

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	202.64#
236.00	28.40	77.26#
0.00	0.00	0.00

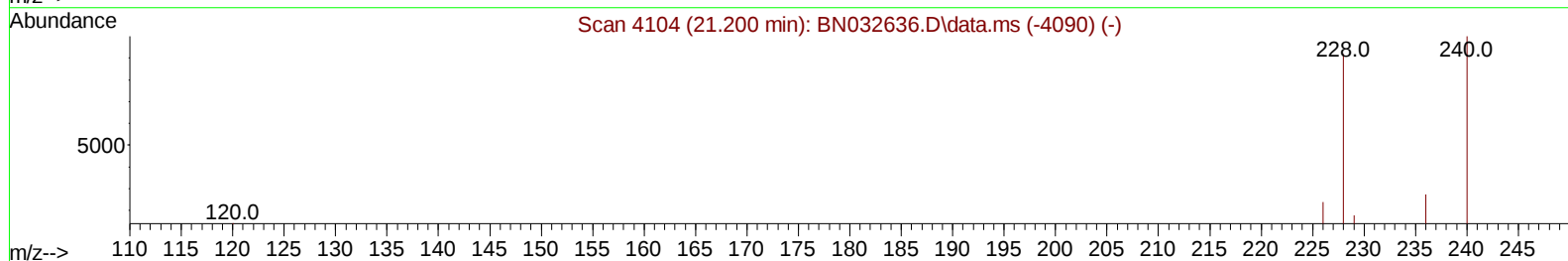
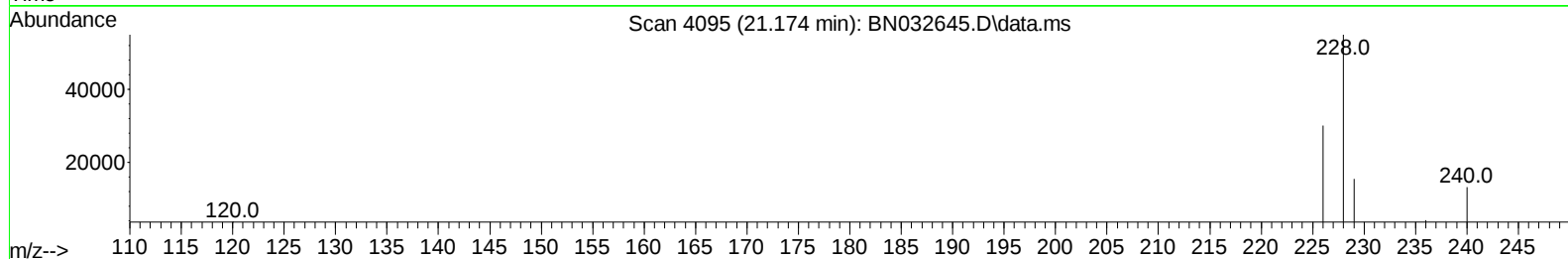
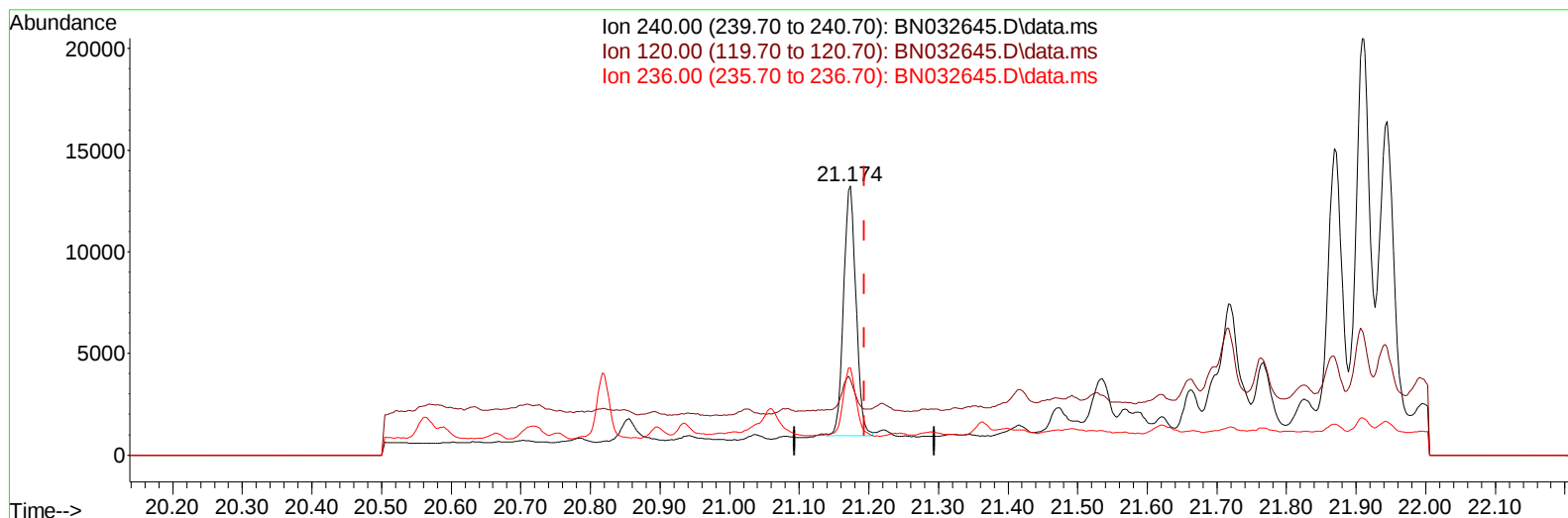
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032645.D
Acq On : 11 Jul 2024 20:45
Operator : MA/JU
Sample : P3035-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CY1

Manual IntegrationsAPPROVED

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

Quant Time: Jul 12 02:39:14 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: BN032645.D\data.ms

(17) Chrysene-d12

21.174min (-0.020) 0.40 ng/ul m

response 15227

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	27.94#
236.00	28.40	32.48
0.00	0.00	0.00

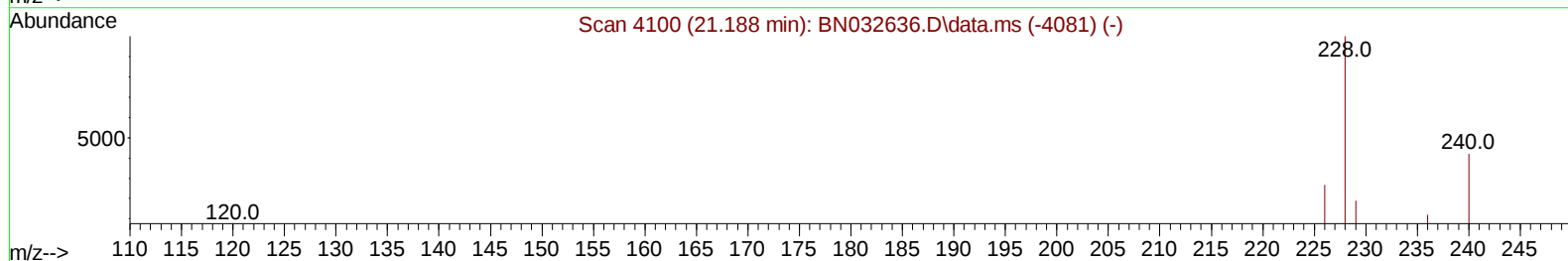
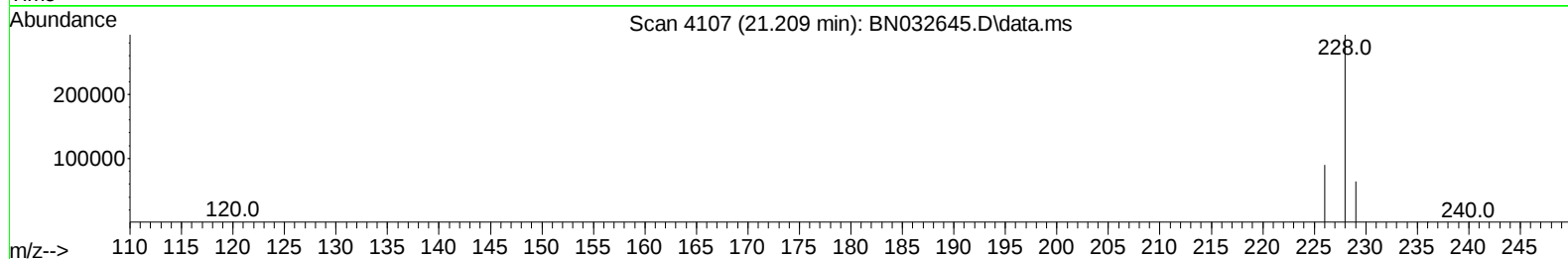
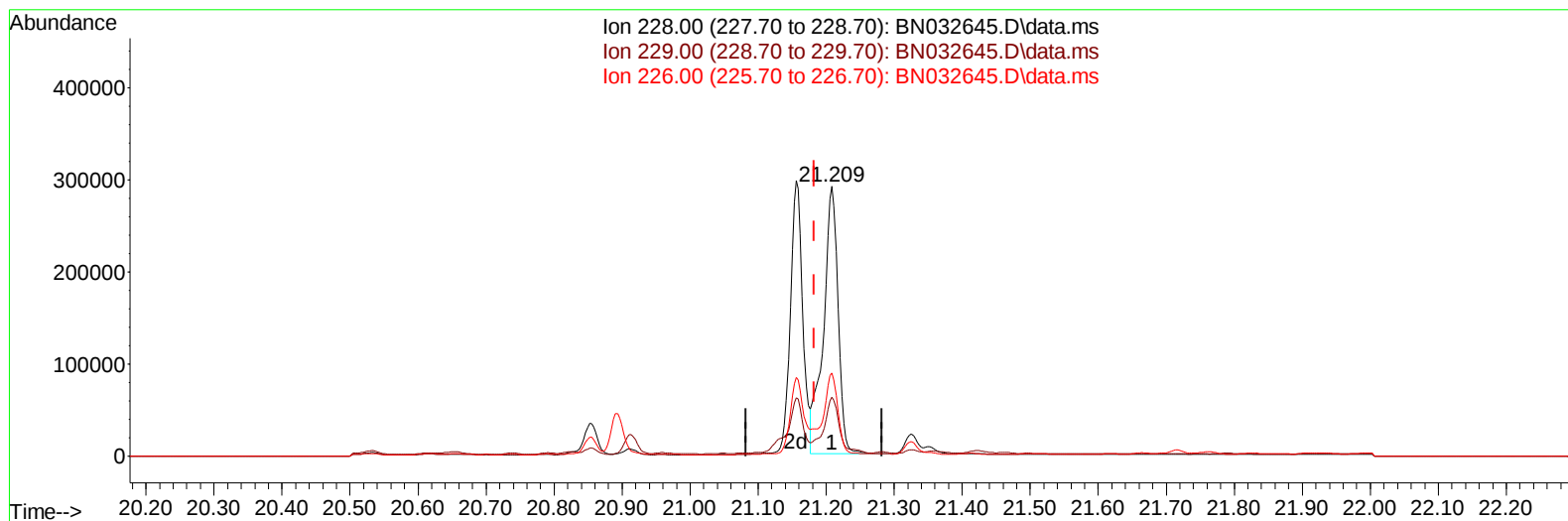
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032645.D
Acq On : 11 Jul 2024 20:45
Operator : MA/JU
Sample : P3035-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CY1

Manual IntegrationsAPPROVED

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

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TIC: BN032645.D\data.ms

(21) Benzo(a)anthracene

21.209min (+ 0.026) 9.03 ng/u1

response 437892

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	21.83
226.00	27.40	30.69
0.00	0.00	0.00

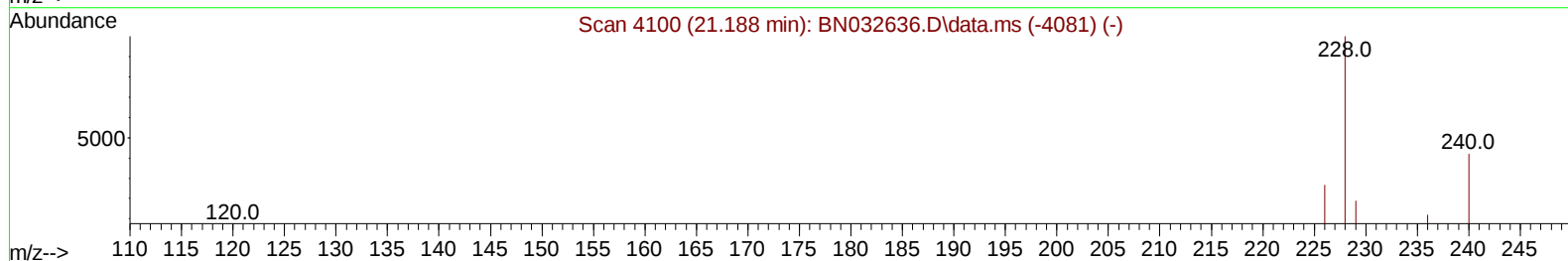
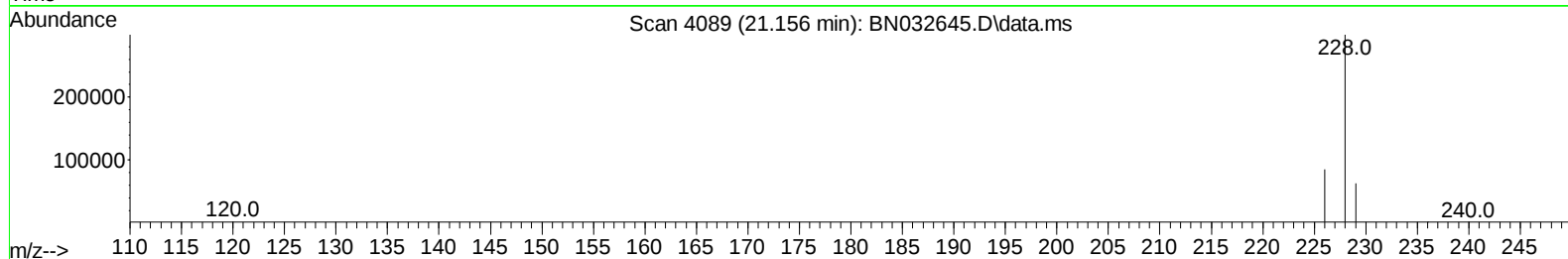
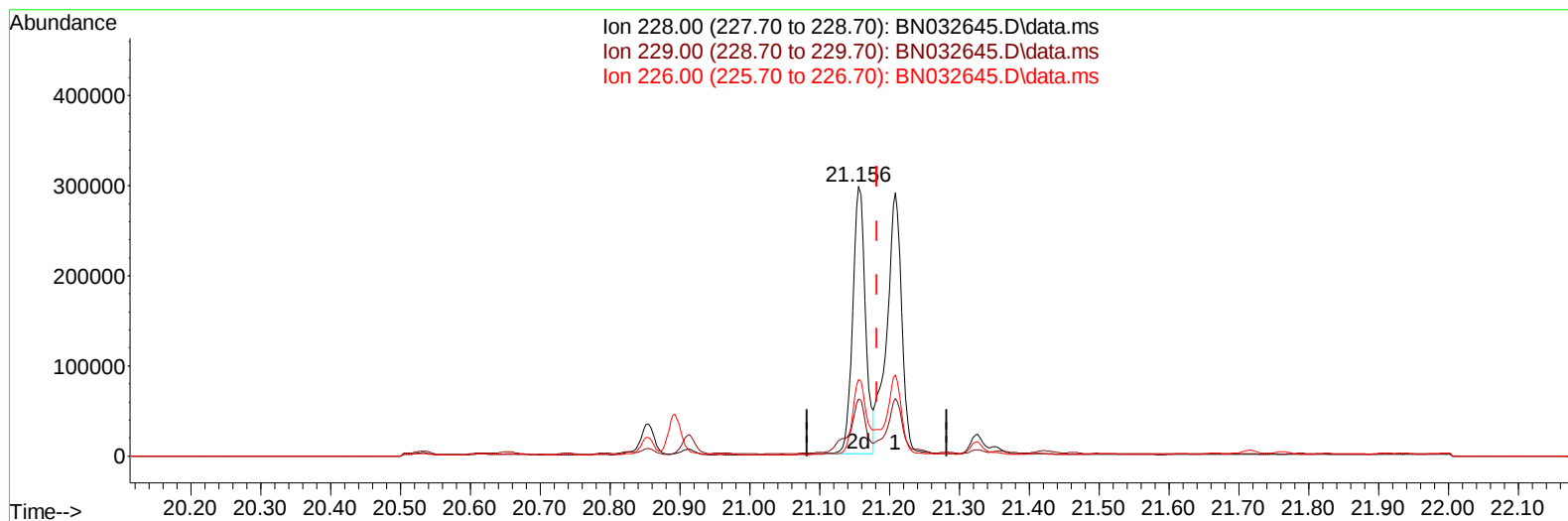
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032645.D
Acq On : 11 Jul 2024 20:45
Operator : MA/JU
Sample : P3035-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CY1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 02:39:14 2024
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TIC: BN032645.D\data.ms

(21) Benzo(a)anthracene

21.156min (-0.026) 7.81 ng/u1 m

response 378681

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	21.05
226.00	27.40	28.55
0.00	0.00	0.00

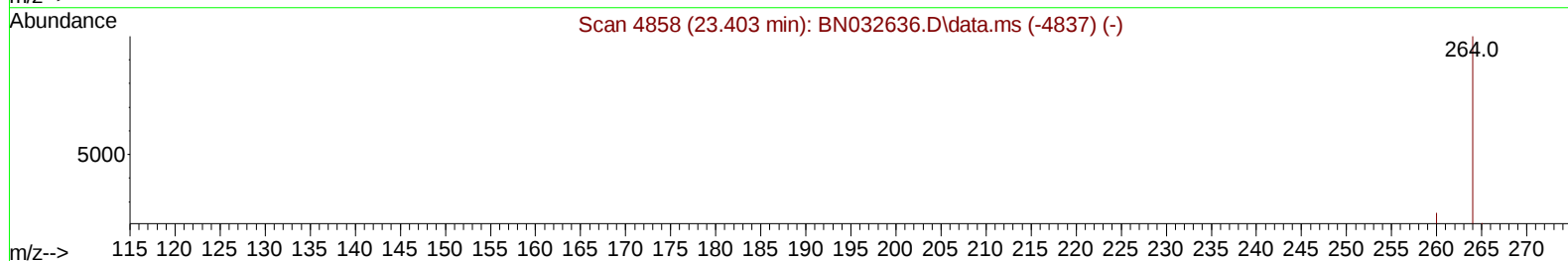
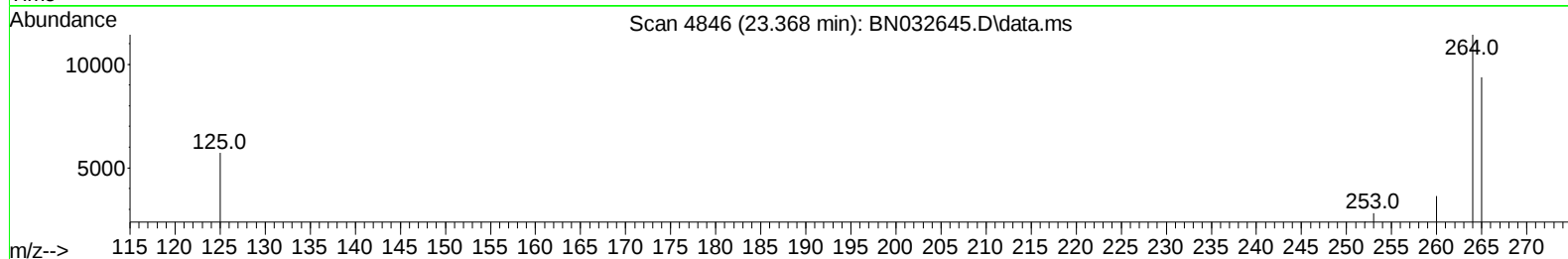
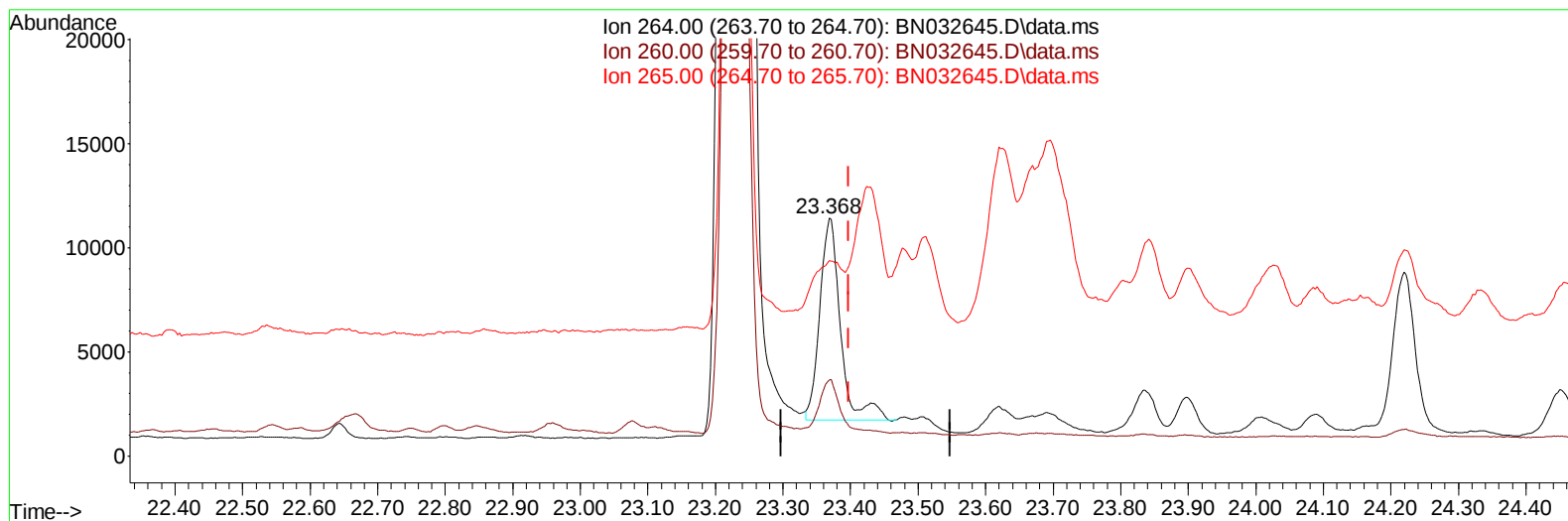
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032645.D
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Sample : P3035-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN032645.D\data.ms

(23) Perylene-d12 (I)

23.368min (-0.029) 0.40 ng/u1

response 20676

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	31.83#
265.00	95.50	82.05
0.00	0.00	0.00

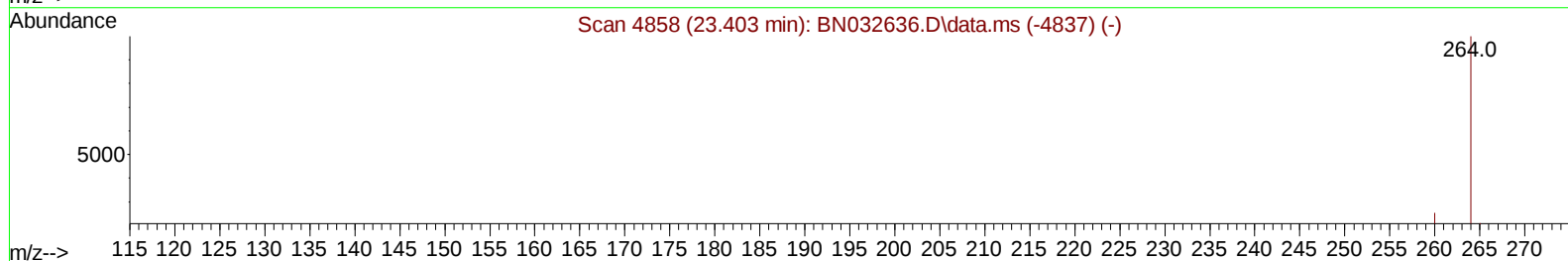
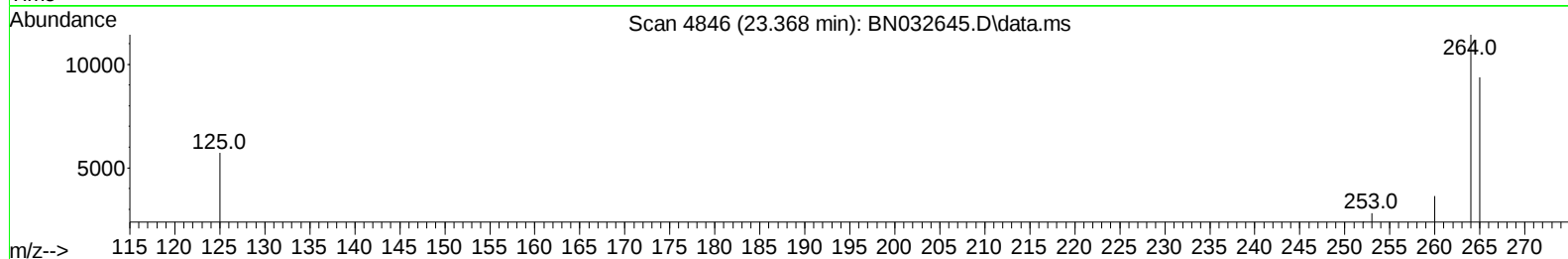
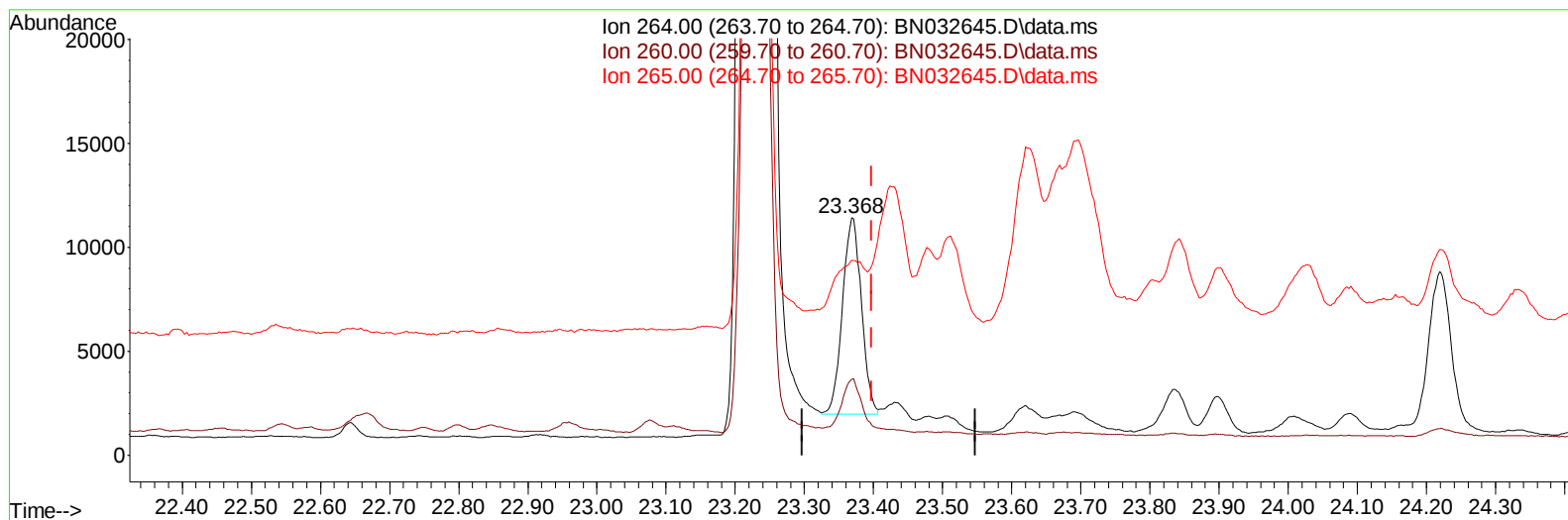
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
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Sample : P3035-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CY1

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 07/16/2024

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TIC: BN032645.D\data.ms

(23) Perylene-d12 (I)

23.368min (-0.029) 0.40 ng/ul m

response 18015

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	31.83#
265.00	95.50	82.05
0.00	0.00	0.00

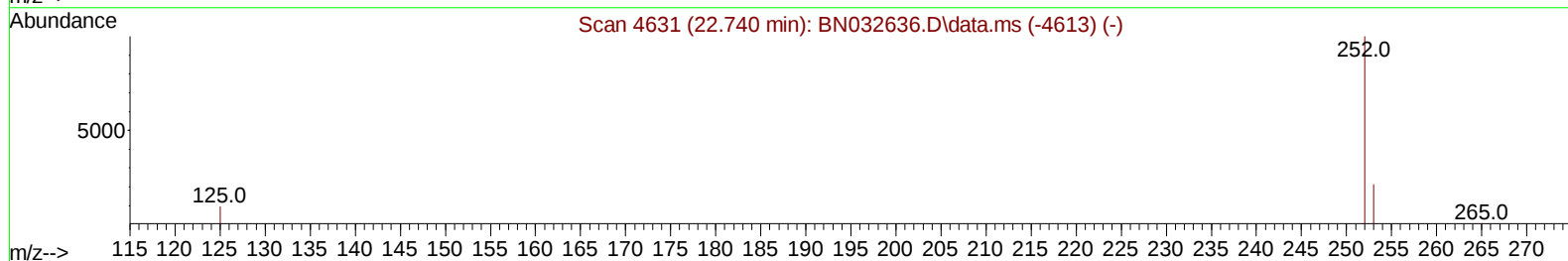
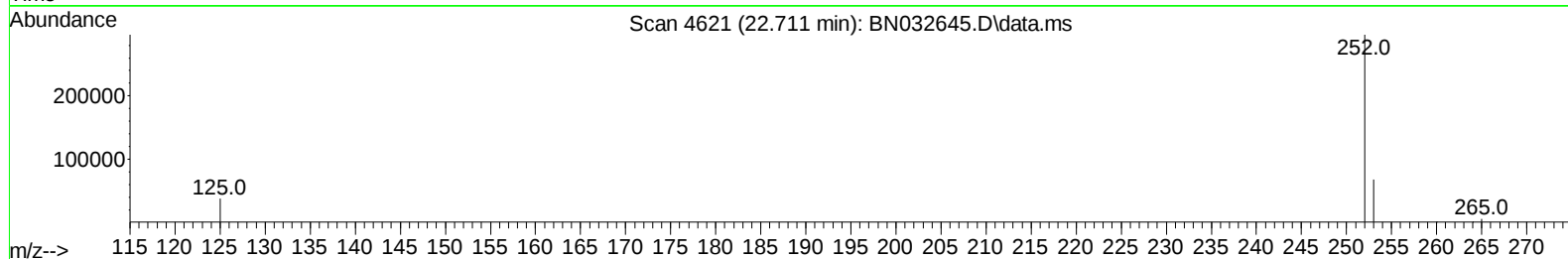
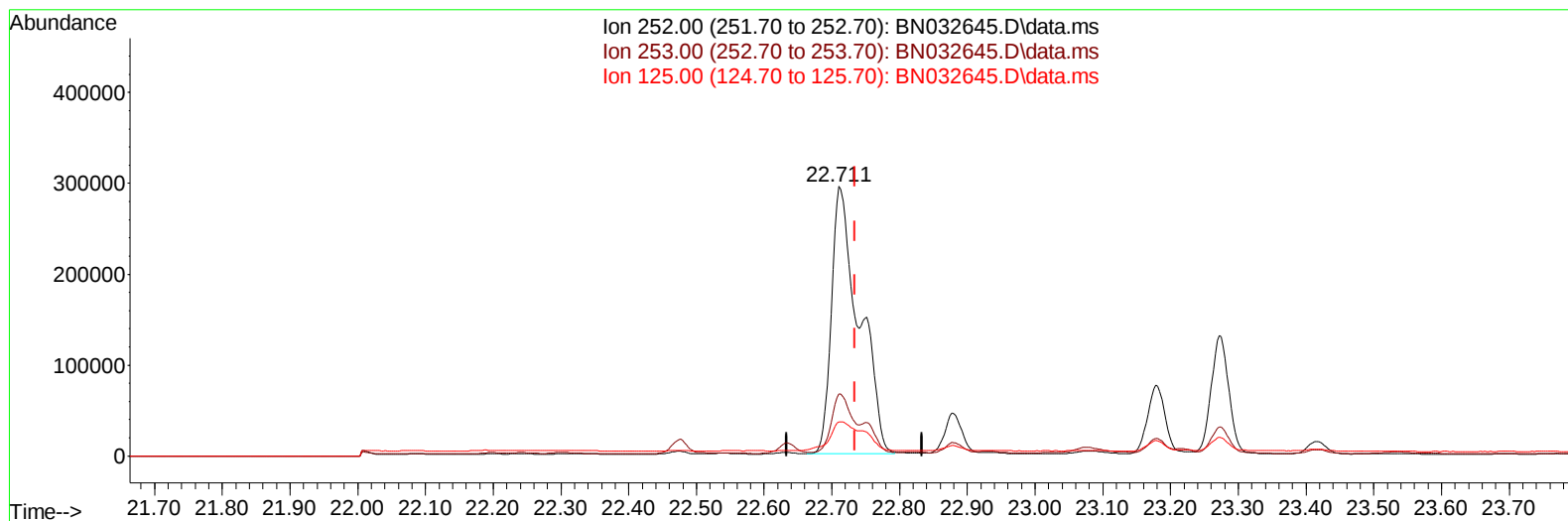
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032645.D
Acq On : 11 Jul 2024 20:45
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Sample : P3035-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CY1

Manual IntegrationsAPPROVED

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TIC: BN032645.D\data.ms

(24) Benzo(b)fluoranthene

22.711min (-0.023) 13.10 ng/u1

response 832660

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	22.97
125.00	18.00	12.70
0.00	0.00	0.00

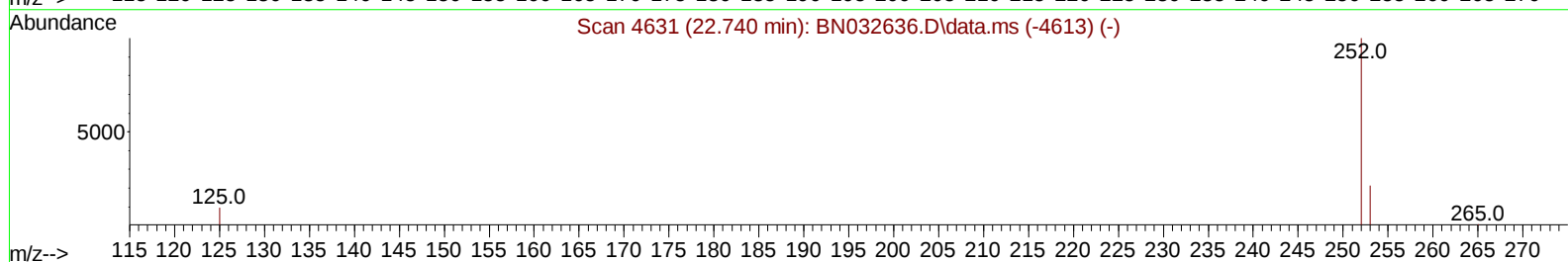
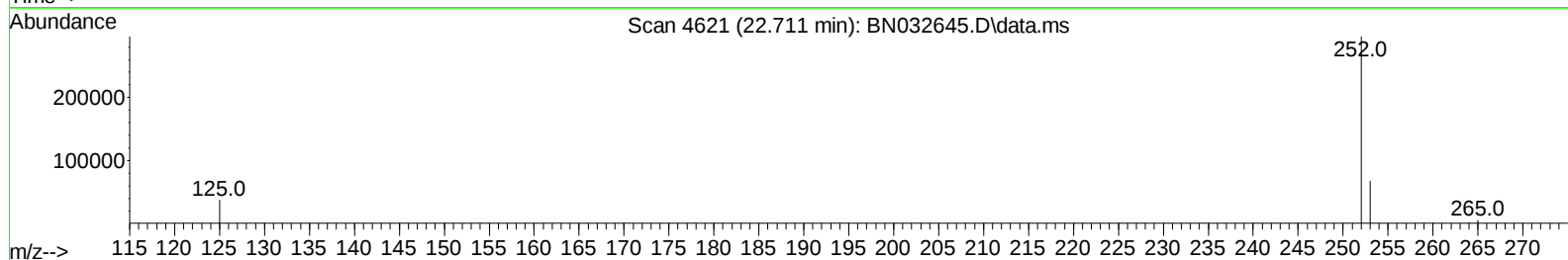
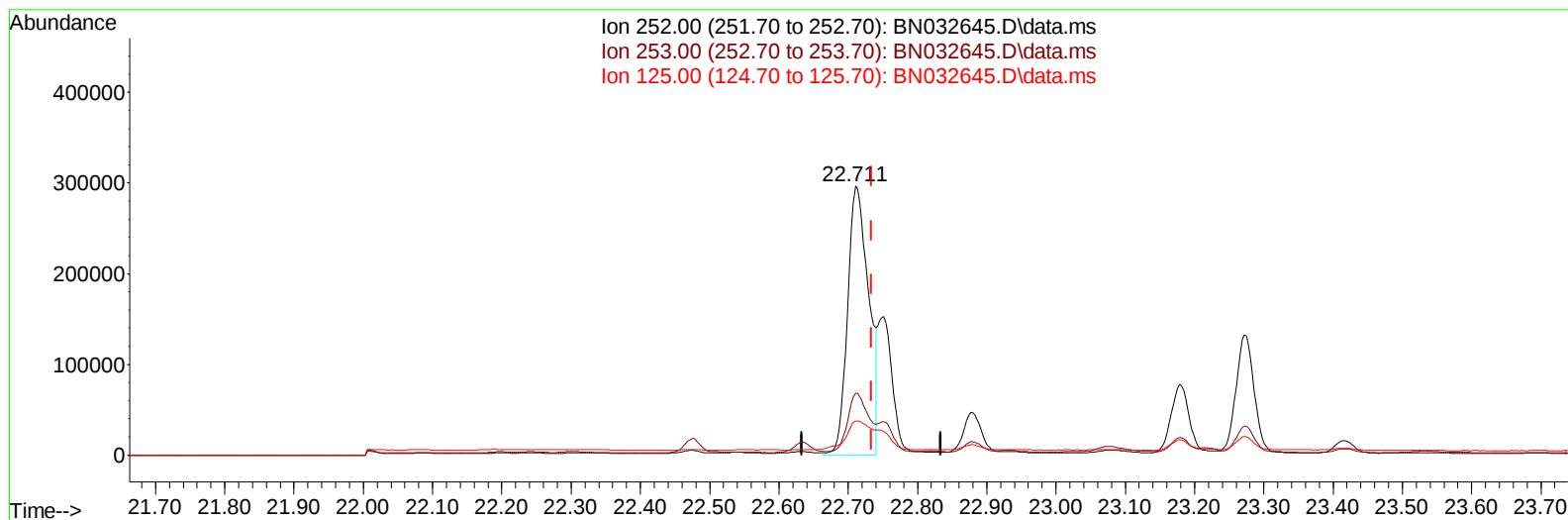
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032645.D
Acq On : 11 Jul 2024 20:45
Operator : MA/JU
Sample : P3035-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CY1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 02:39:14 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: BN032645.D\data.ms

(24) Benzo(b)fluoranthene

22.711min (-0.023) 9.86 ng/u1 m

response 626667

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	22.97
125.00	18.00	12.70
0.00	0.00	0.00

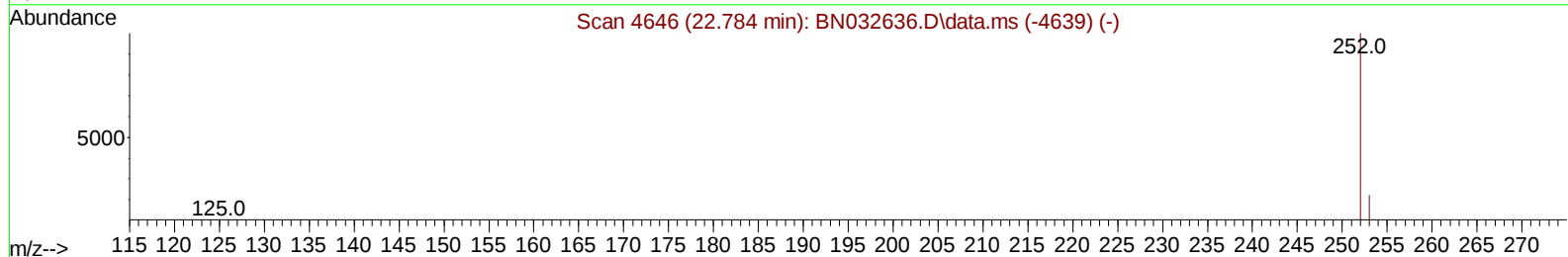
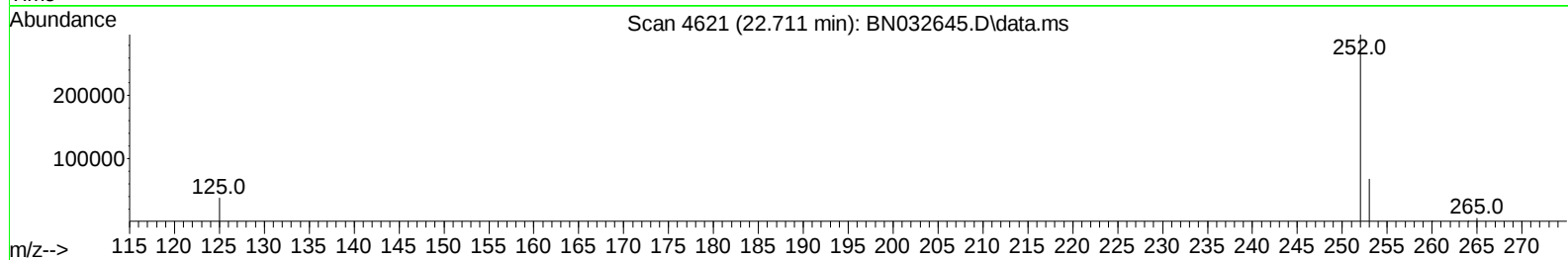
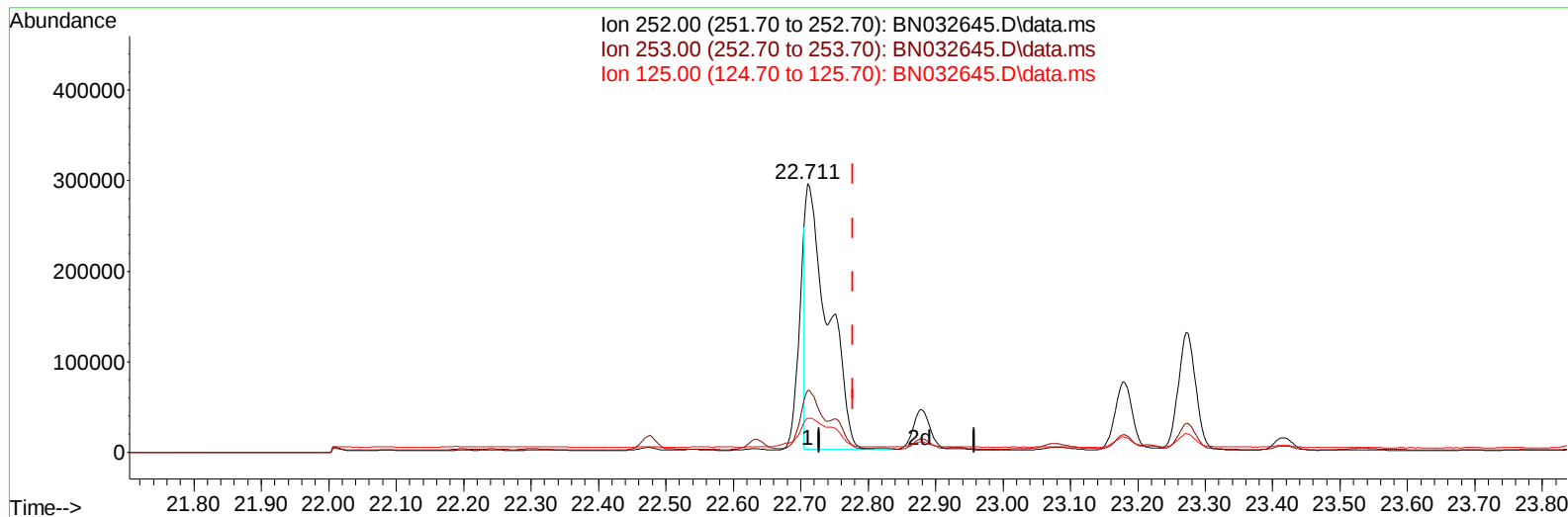
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032645.D
Acq On : 11 Jul 2024 20:45
Operator : MA/JU
Sample : P3035-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CY1

Manual IntegrationsAPPROVED

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TIC: BN032645.D\data.ms

(25) Benzo(k)fluoranthene

22.711min (-0.067) 8.70 ng/u1

response 673673

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	22.97
125.00	18.50	12.70#
0.00	0.00	0.00

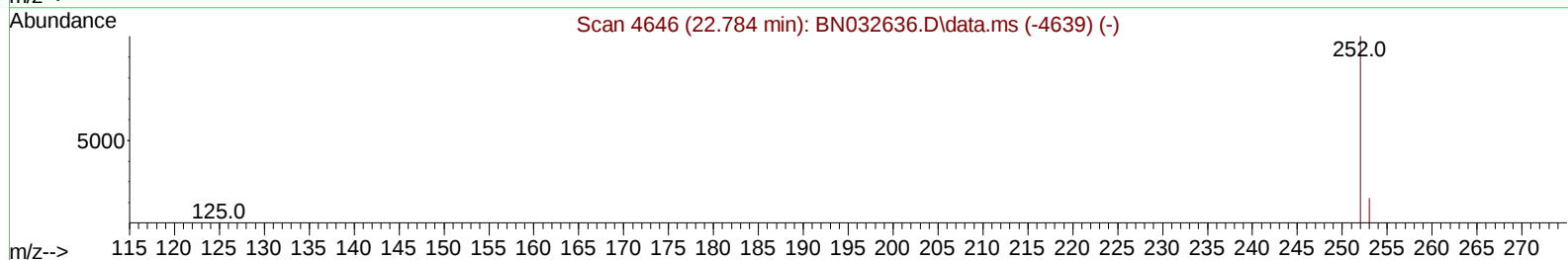
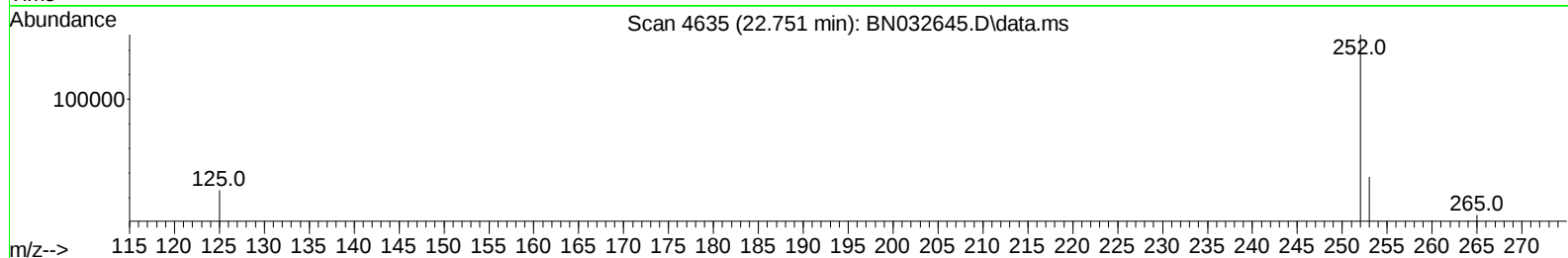
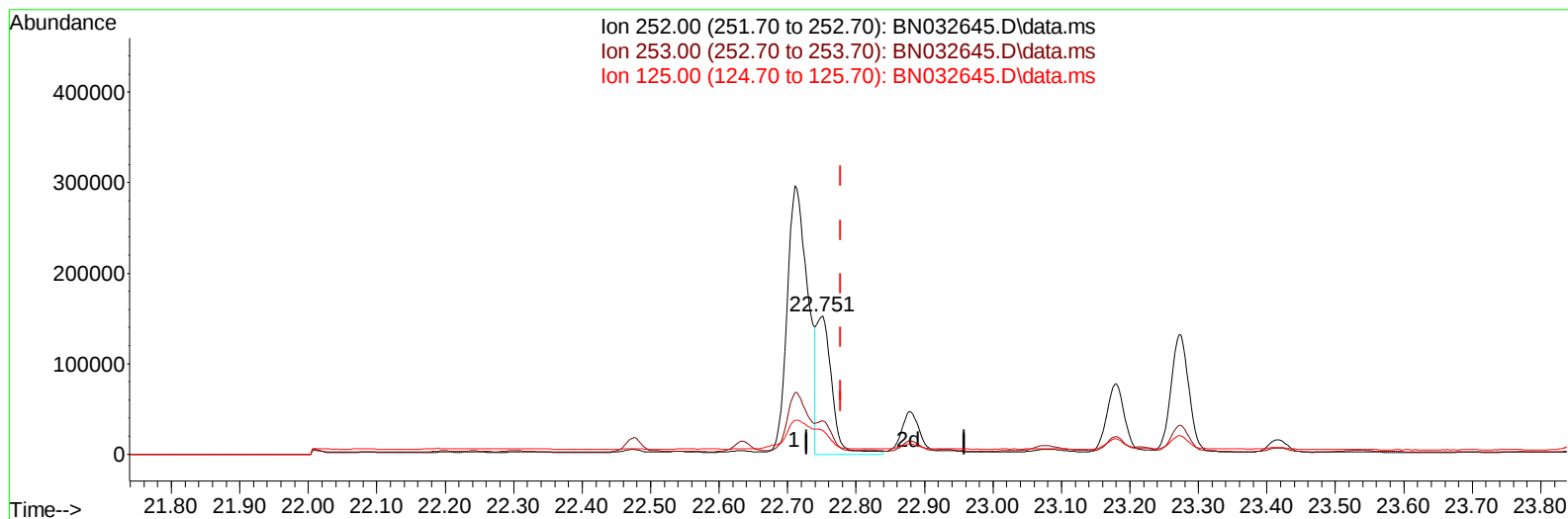
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032645.D
Acq On : 11 Jul 2024 20:45
Operator : MA/JU
Sample : P3035-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CY1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 02:39:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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TIC: BN032645.D\data.ms

(25) Benzo(k)fluoranthene

22.751min (-0.026) 3.03 ng/u1 m

response 235098

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	24.29
125.00	18.50	17.02
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032645.D
 Acq On : 11 Jul 2024 20:45
 Operator : MA/JU
 Sample : P3035-11
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CY1

Manual IntegrationsAPPROVED

Quant Time: Jul 12 02:39:14 2024
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 QLast Update : Fri Jul 12 01:40:24 2024
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.557	152		7676	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.327	136		24591	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.207	164		14147	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.961	188		24795m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.174	240		15227m	0.400	ng/ul	-0.02
23) Perylene-d12	23.368	264		18015m	0.400	ng/ul	-0.03
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.106	96		25717	2.790	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.927	152		8765	0.236	ng/ul	-0.04
18) Fluoranthene-d10	19.004	212		13398	0.270	ng/ul	-0.02
Target Compounds							Qvalue
5) Naphthalene	10.376	128		23377	0.354	ng/ul	98
7) 2-Methylnaphthalene	12.004	142		7745	0.188	ng/ul	97
8) 1-Methylnaphthalene	12.224	142		6035	0.142	ng/ul	99
10) Acenaphthylene	13.925	152		40511	0.709	ng/ul	100
11) Acenaphthene	14.267	153		19197	0.406	ng/ul	99
12) Fluorene	15.262	166		23660	0.438	ng/ul	98
15) Phenanthrene	17.003	178		479713m	7.104	ng/ul	
16) Anthracene	17.096	178		83174m	1.508	ng/ul	
19) Fluoranthene	19.031	202		903977	14.602	ng/ul	98
20) Pyrene	19.399	202		639417	9.978	ng/ul	97
21) Benzo(a)anthracene	21.156	228		378681m	7.813	ng/ul	
22) Chrysene	21.209	228		437892	6.245	ng/ul	97
24) Benzo(b)fluoranthene	22.711	252		626667m	9.859	ng/ul	
25) Benzo(k)fluoranthene	22.751	252		235098m	3.035	ng/ul	
26) Benzo(a)pyrene	23.272	252		236688	4.303	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	25.579	276		239394	3.214	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.579	278		81216	1.407	ng/ul#	91
29) Benzo(g,h,i)perylene	26.263	276		35868	0.576	ng/ul#	84

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

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Data File : BN032645.D
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Instrument :
BNA_N
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Manual IntegrationsAPPROVED

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