

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032666.D
Acq On : 12 Jul 2024 10:45
Operator : MA/JU
Sample : P3087-21
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR6

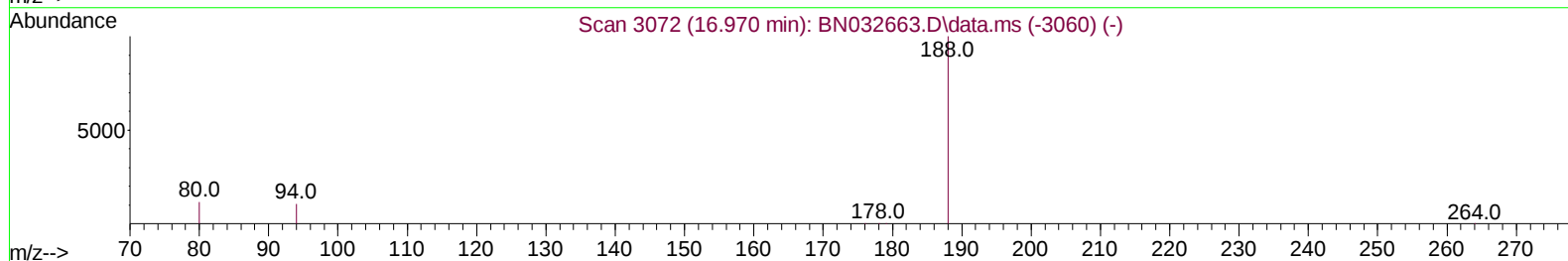
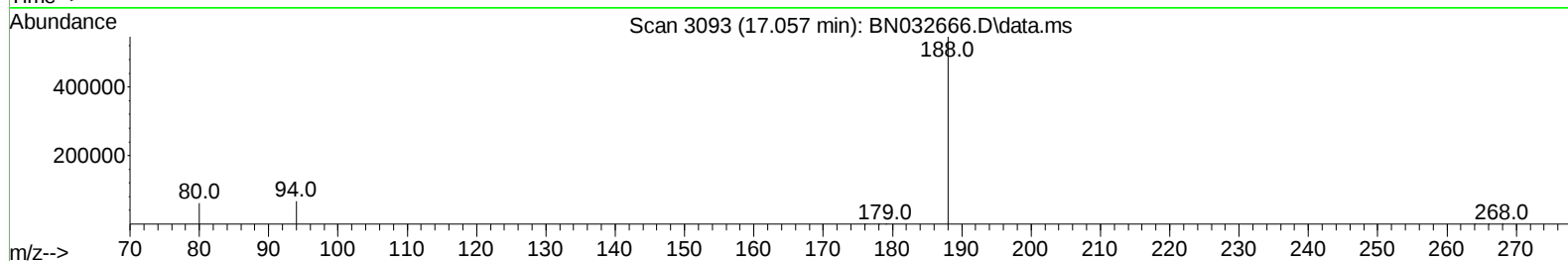
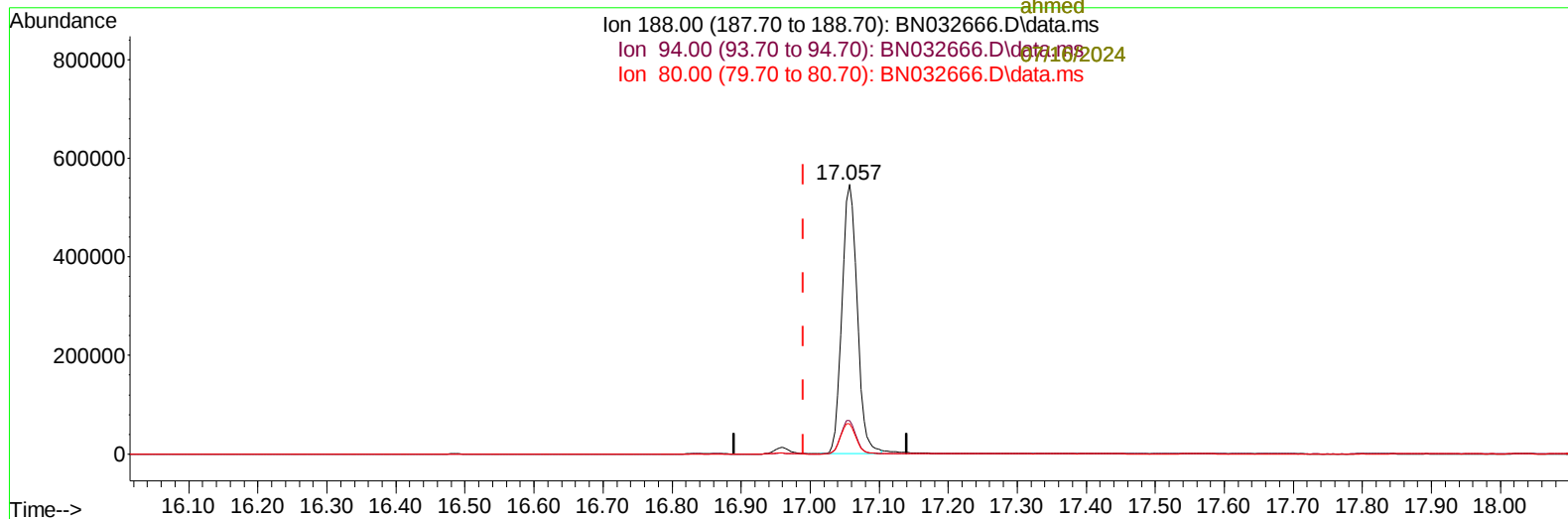
Manual IntegrationsAPPROVED

Quant Time: Jul 12 12:42:18 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

Ion 188.00 (187.70 to 188.70): BN032666.D\data.ms
Ion 94.00 (93.70 to 94.70): BN032666.D\data.ms
Ion 80.00 (79.70 to 80.70): BN032666.D\data.ms



TIC: BN032666.D\data.ms

(13) Phenanthrene-d10 (I)

17.057min (+ 0.066) 0.40 ng/u1

response 840073

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	12.38
80.00	12.00	11.13
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032666.D
Acq On : 12 Jul 2024 10:45
Operator : MA/JU
Sample : P3087-21
Misc :
ALS Vial : 5 Sample Multiplier: 1

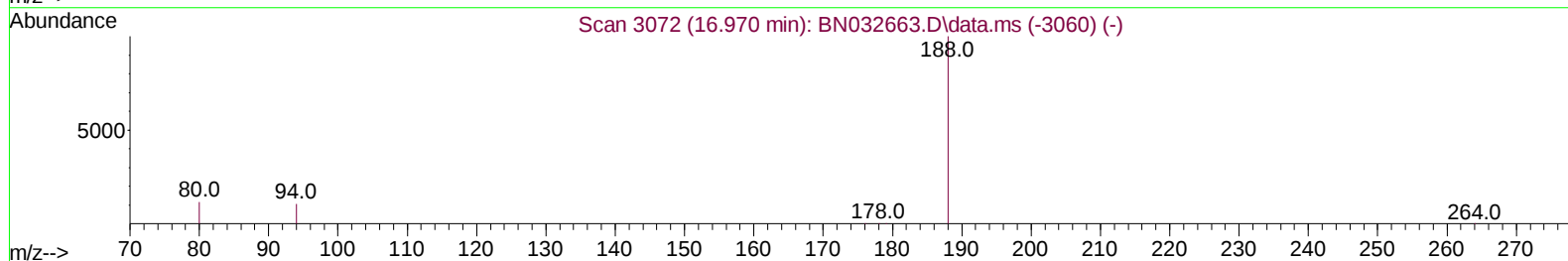
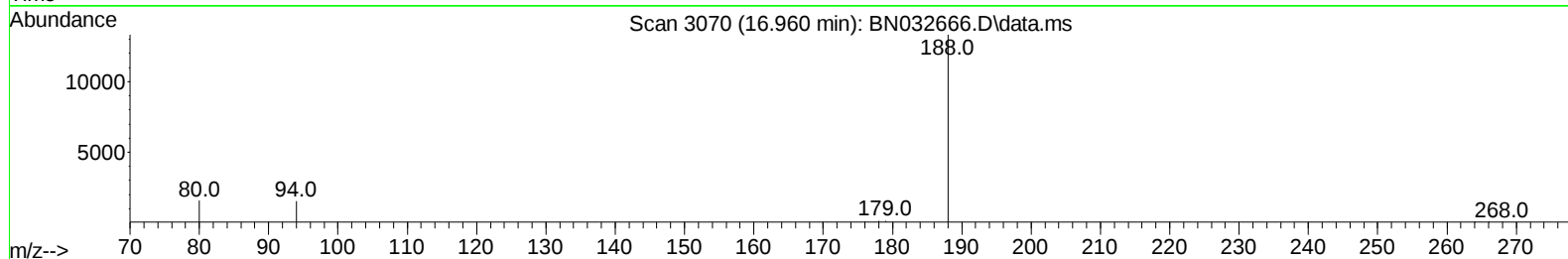
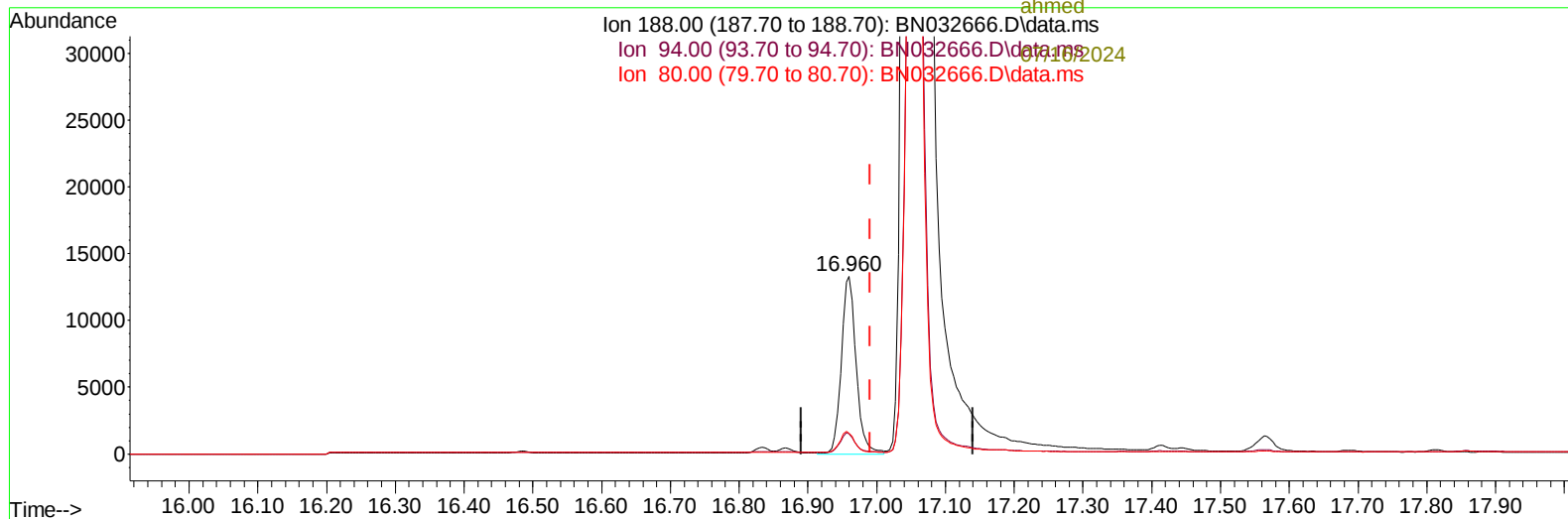
Instrument :
BNA_N
ClientSampleId :
A4BR6

Manual IntegrationsAPPROVED

Quant Time: Jul 12 12:42:18 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



TIC: BN032666.D\data.ms

(13) Phenanthrene-d10 (I)

16.960min (-0.031) 0.40 ng/ul m

response 19998

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	11.43
80.00	12.00	11.82
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032666.D
Acq On : 12 Jul 2024 10:45
Operator : MA/JU
Sample : P3087-21
Misc :
ALS Vial : 5 Sample Multiplier: 1

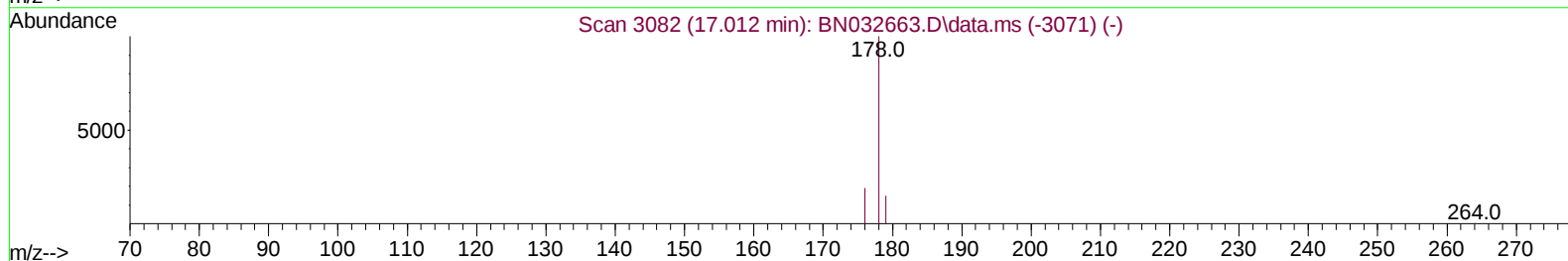
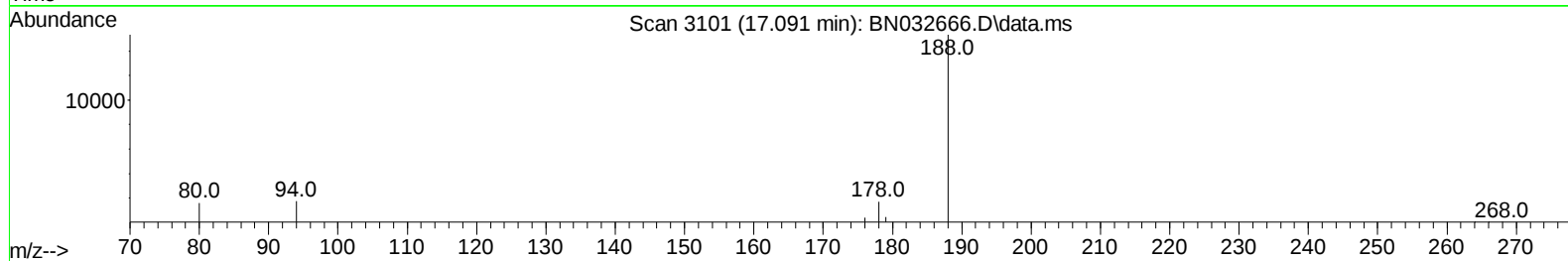
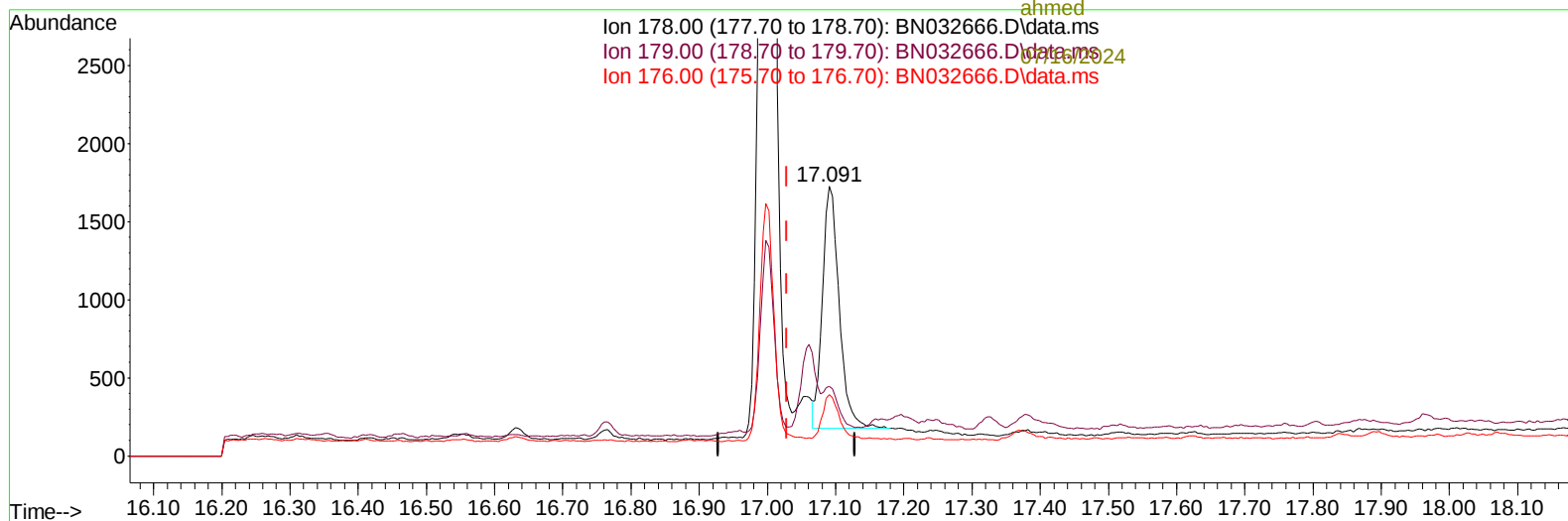
Instrument :
BNA_N
ClientSampleId :
A4BR6

Manual IntegrationsAPPROVED

Quant Time: Jul 12 12:42:18 2024
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QLast Update : Fri Jul 12 01:40:24 2024
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Upadhyay

07/12/2024
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ahmed



TIC: BN032666.D\data.ms

(15) Phenanthrene

17.091min (+ 0.062) 0.05 ng/u1

response 2636

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	25.78#
176.00	19.50	22.71
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032666.D
Acq On : 12 Jul 2024 10:45
Operator : MA/JU
Sample : P3087-21
Misc :
ALS Vial : 5 Sample Multiplier: 1

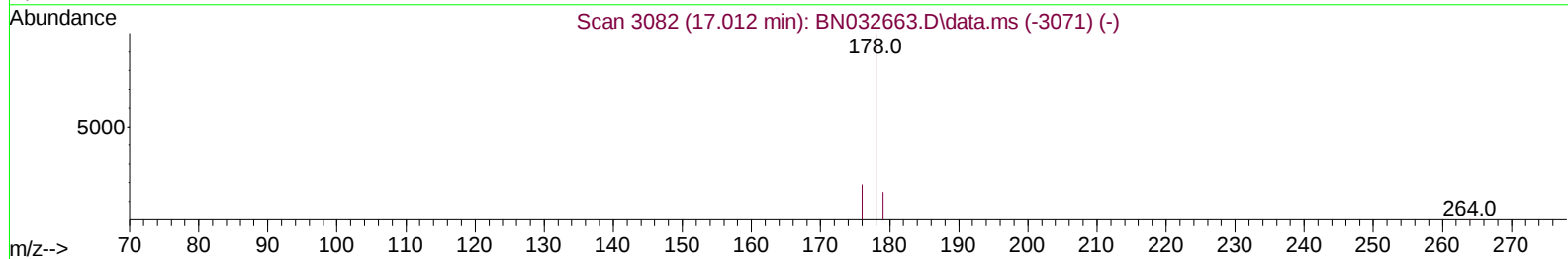
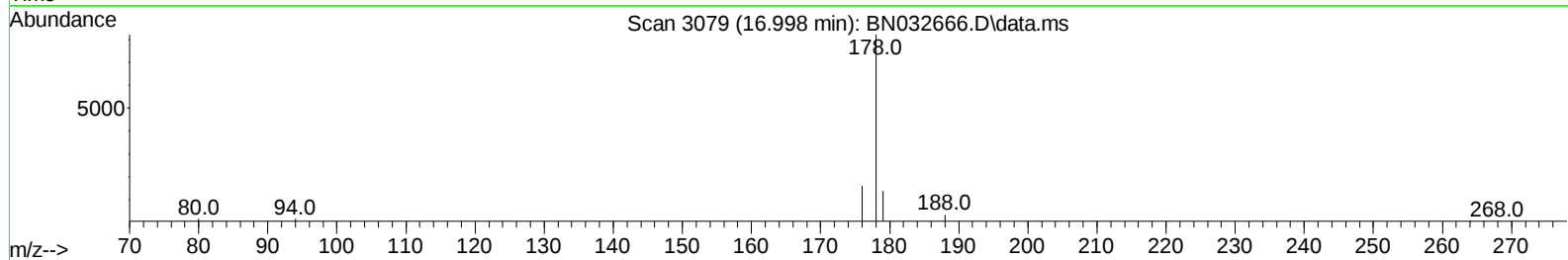
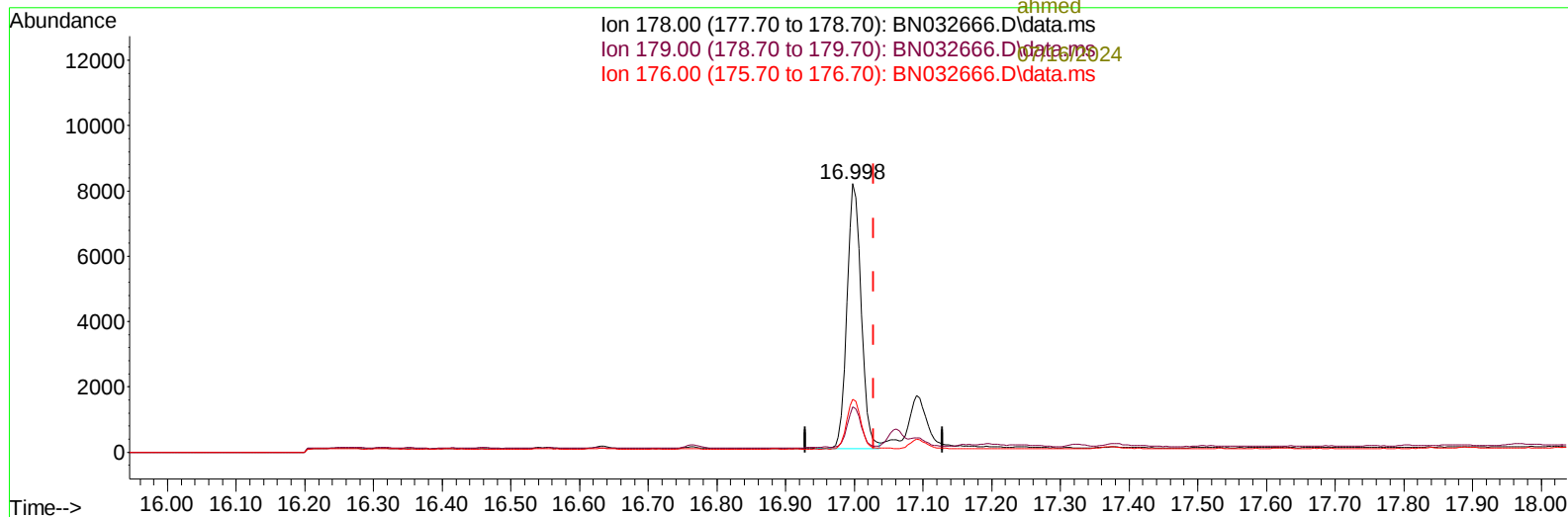
Instrument :
BNA_N
ClientSampleId :
A4BR6

Manual IntegrationsAPPROVED

Quant Time: Jul 12 12:42:18 2024
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Upadhyay

07/12/2024
Supervised By :mohammad
ahmed



TIC: BN032666.D\data.ms

(15) Phenanthrene

16.998min (-0.031) 0.21 ng/ul m

response 11656

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	16.79
176.00	19.50	19.67
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032666.D
Acq On : 12 Jul 2024 10:45
Operator : MA/JU
Sample : P3087-21
Misc :
ALS Vial : 5 Sample Multiplier: 1

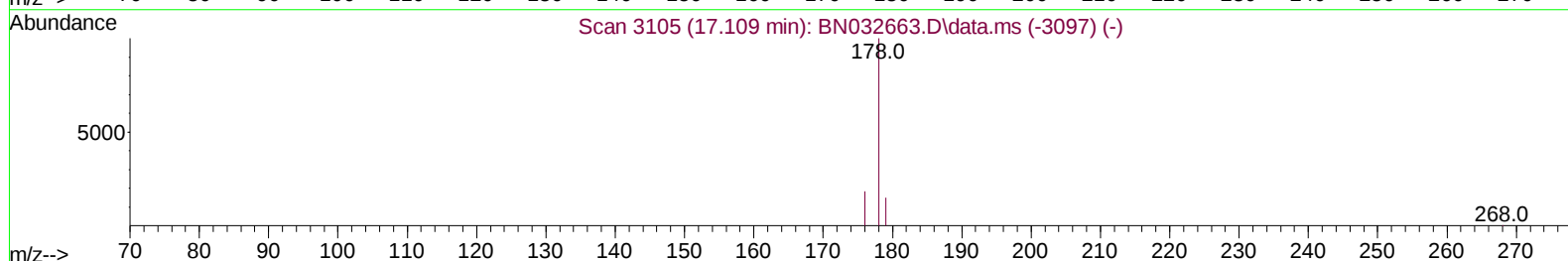
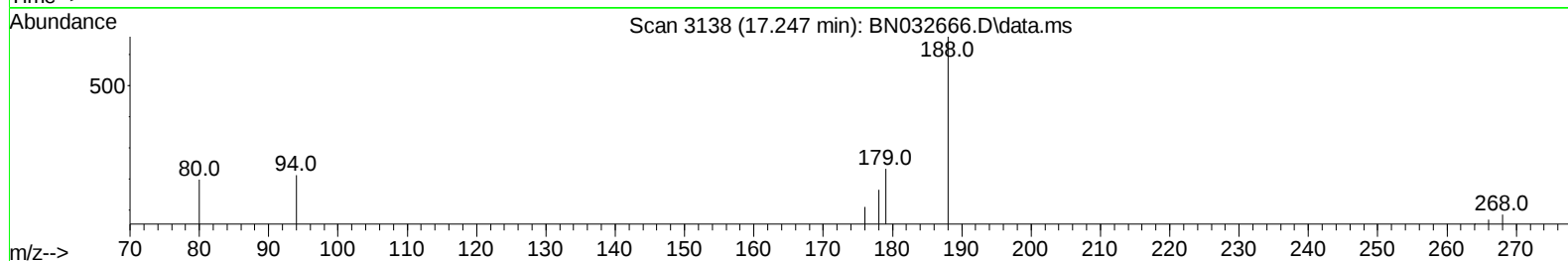
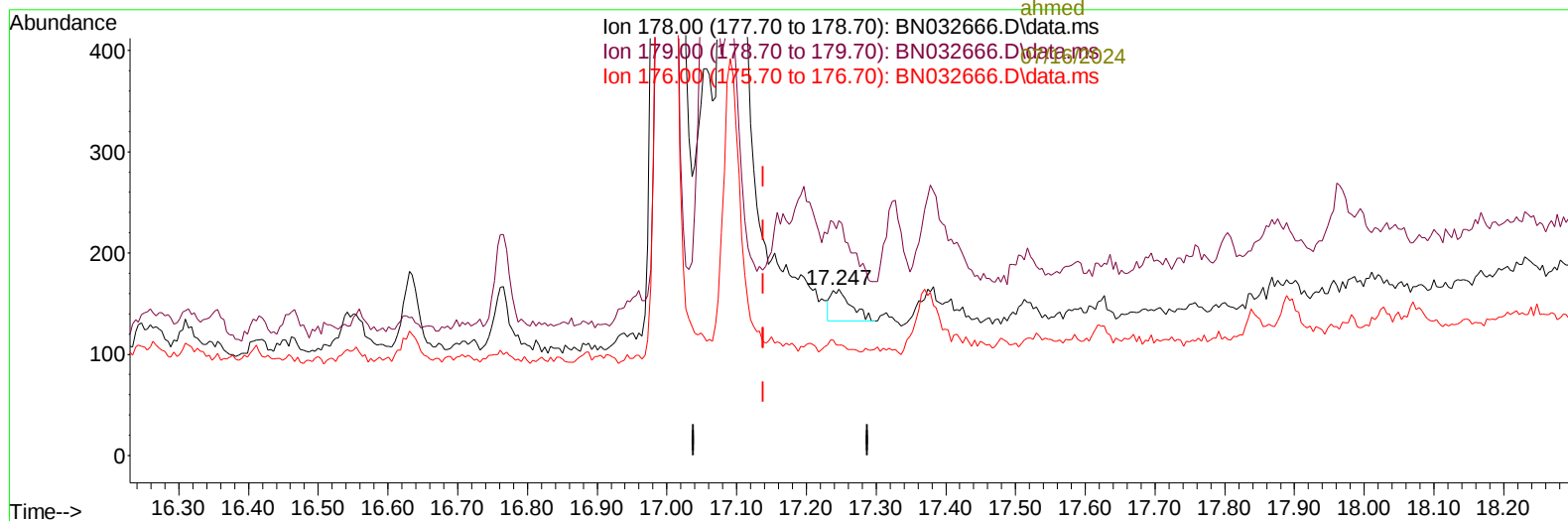
Instrument :
BNA_N
ClientSampleId :
A4BR6

Manual IntegrationsAPPROVED

Quant Time: Jul 12 12:42:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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Upadhyay

07/12/2024
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ahmed



TIC: BN032666.D\data.ms

(16) Anthracene

17.247min (+ 0.109) 0.00 ng/u1

response 62

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	141.46#
176.00	19.20	66.46#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032666.D
Acq On : 12 Jul 2024 10:45
Operator : MA/JU
Sample : P3087-21
Misc :
ALS Vial : 5 Sample Multiplier: 1

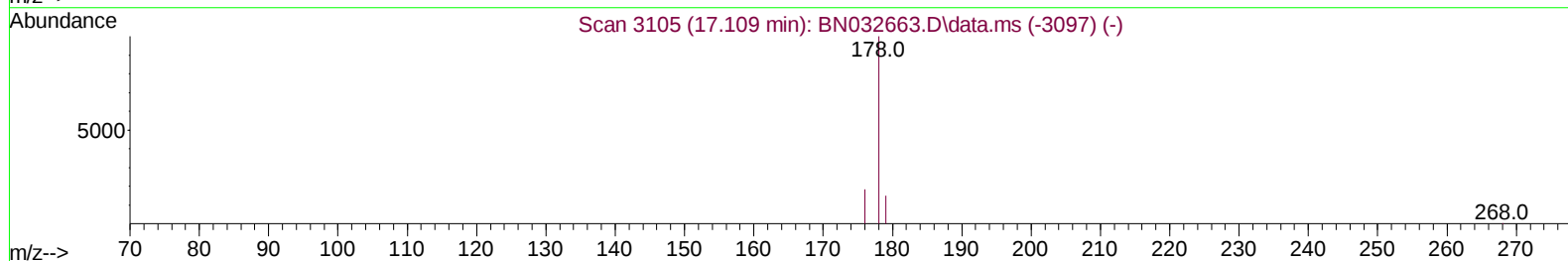
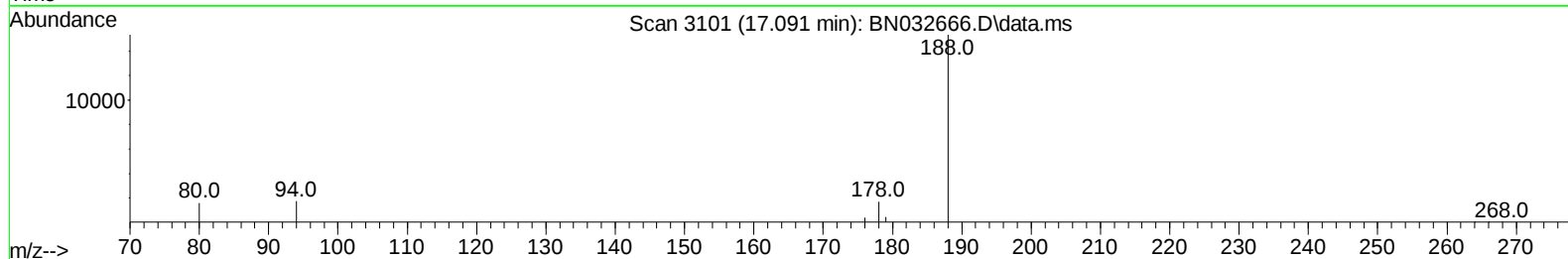
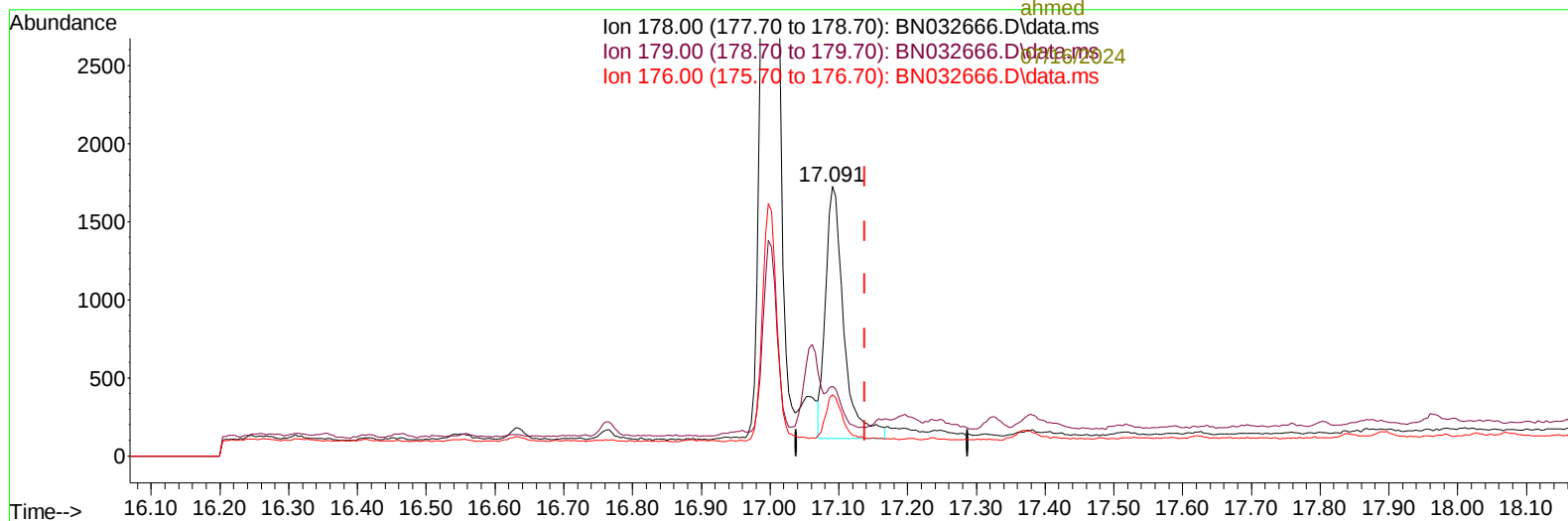
Instrument :
BNA_N
ClientSampleId :
A4BR6

Manual IntegrationsAPPROVED

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Upadhyay

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ahmed



TIC: BN032666.D\data.ms

(16) Anthracene

17.091min (-0.048) 0.07 ng/ul m

response 2966

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	25.78#
176.00	19.20	22.71
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032666.D
Acq On : 12 Jul 2024 10:45
Operator : MA/JU
Sample : P3087-21
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR6

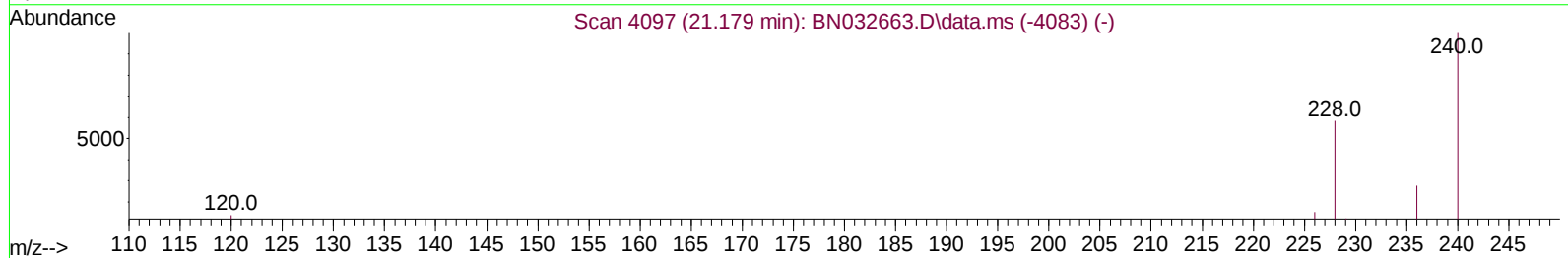
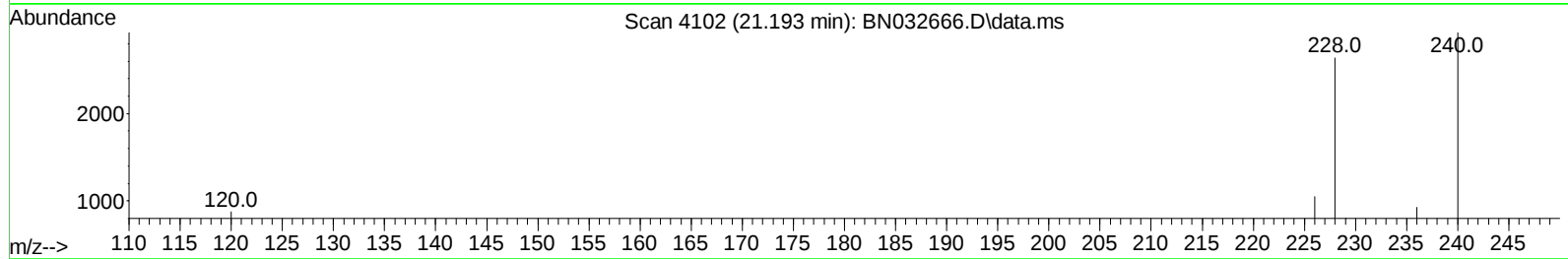
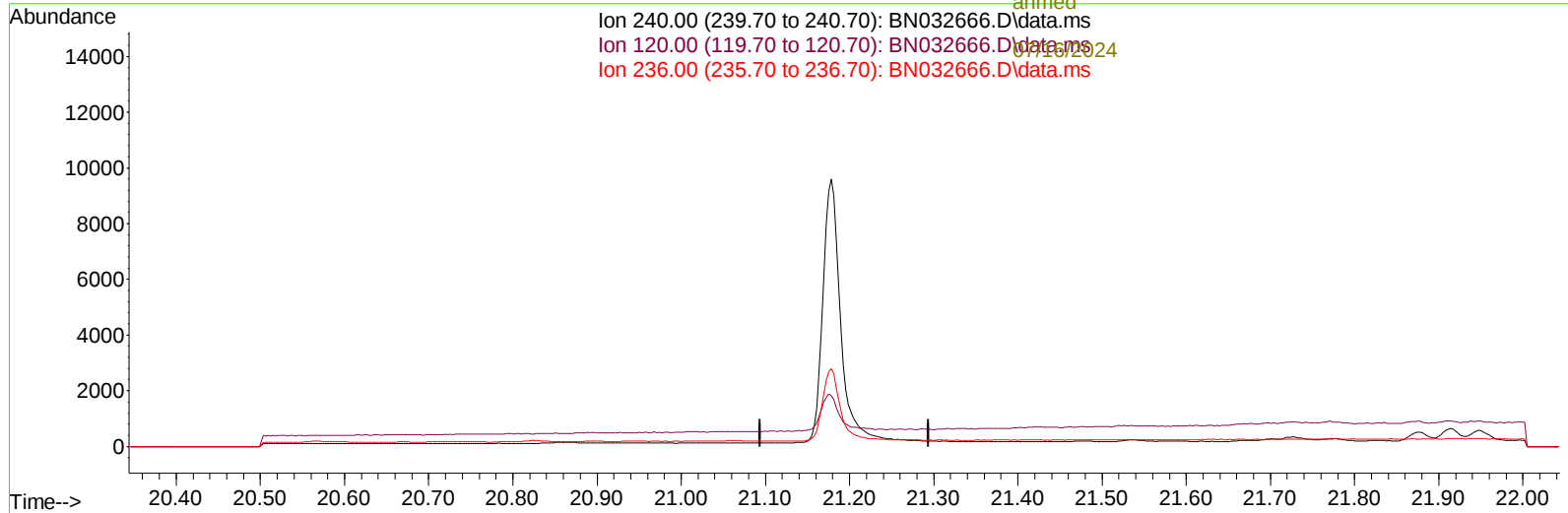
Manual IntegrationsAPPROVED

Quant Time: Jul 12 12:42:18 2024
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Upadhyay

07/12/2024
Supervised By :mohammad
ahmed

Ion 240.00 (239.70 to 240.70): BN032666.D\data.ms
Ion 120.00 (119.70 to 120.70): BN032666.D\data.ms
Ion 236.00 (235.70 to 236.70): BN032666.D\data.ms



TIC: BN032666.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 : BN032666.D
Acq On : 12 Jul 2024 10:45
Operator : MA/JU
Sample : P3087-21
Misc :
ALS Vial : 5 Sample Multiplier: 1

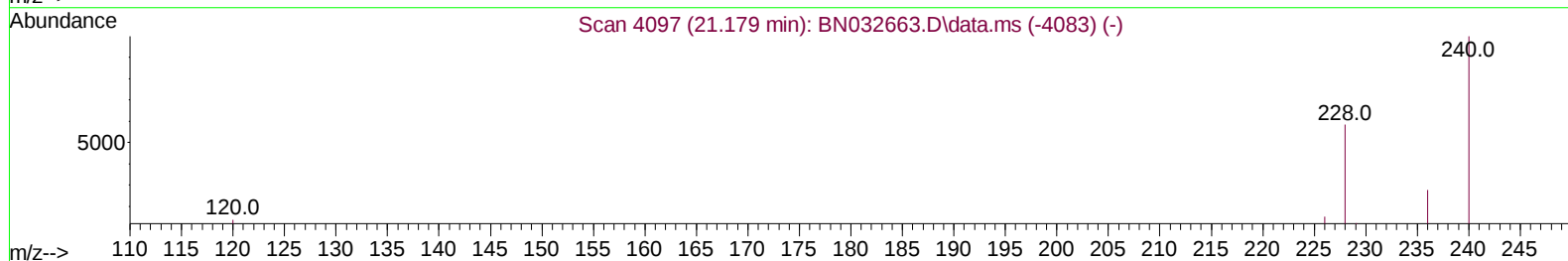
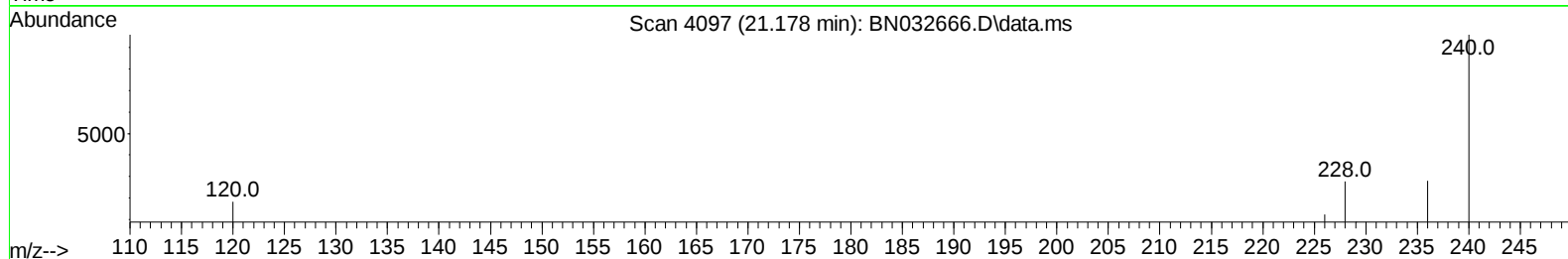
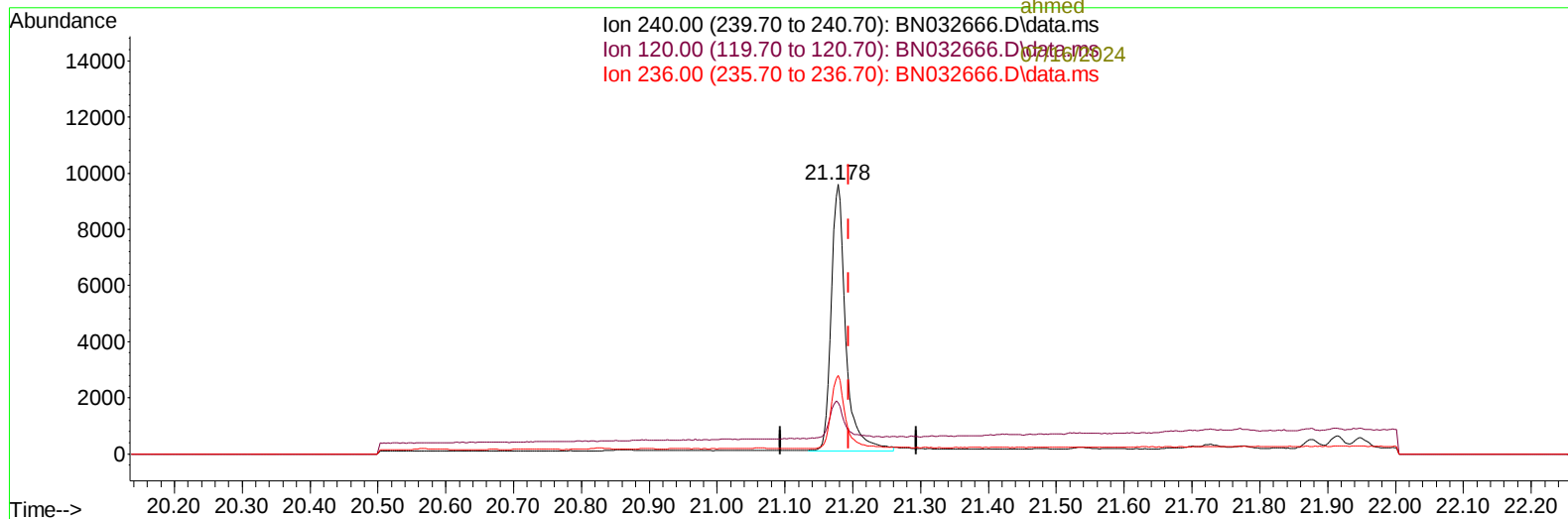
Instrument :
BNA_N
ClientSampleId :
A4BR6

Manual IntegrationsAPPROVED

Quant Time: Jul 12 12:42:18 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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Upadhyay

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ahmed



TIC: BN032666.D\data.ms

(17) Chrysene-d12

21.178min (-0.016) 0.40 ng/ul m

response 14137

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	19.06
236.00	28.40	29.11
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032666.D
Acq On : 12 Jul 2024 10:45
Operator : MA/JU
Sample : P3087-21
Misc :
ALS Vial : 5 Sample Multiplier: 1

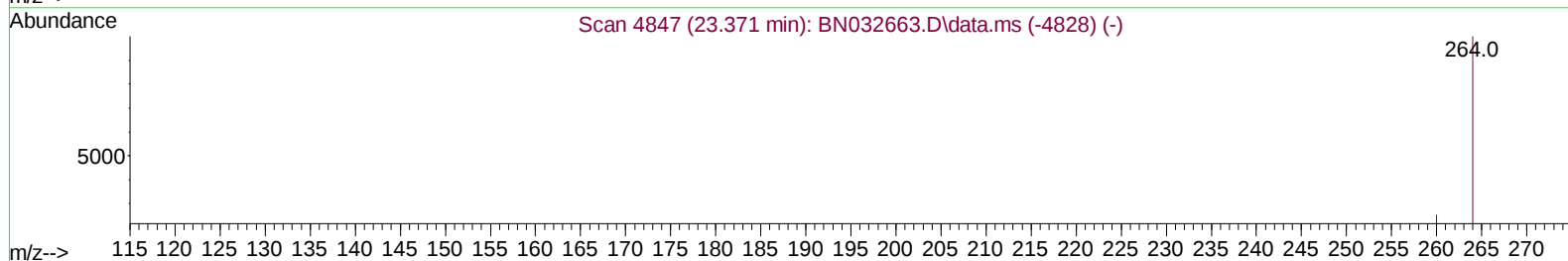
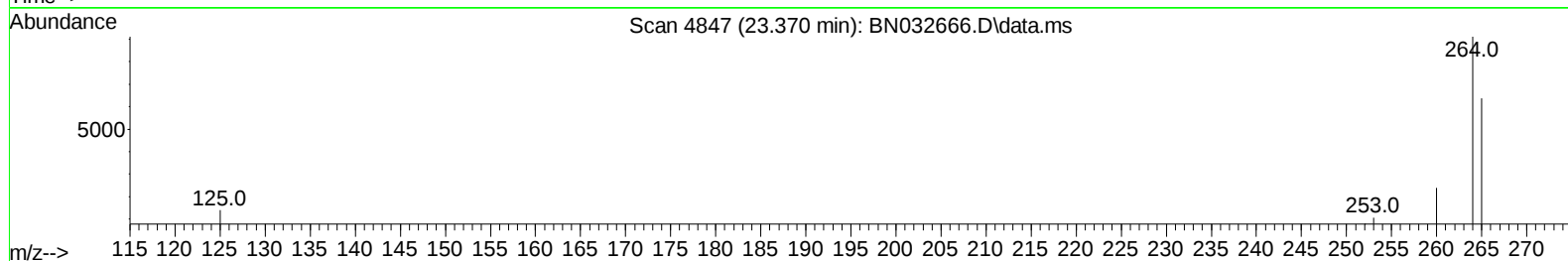
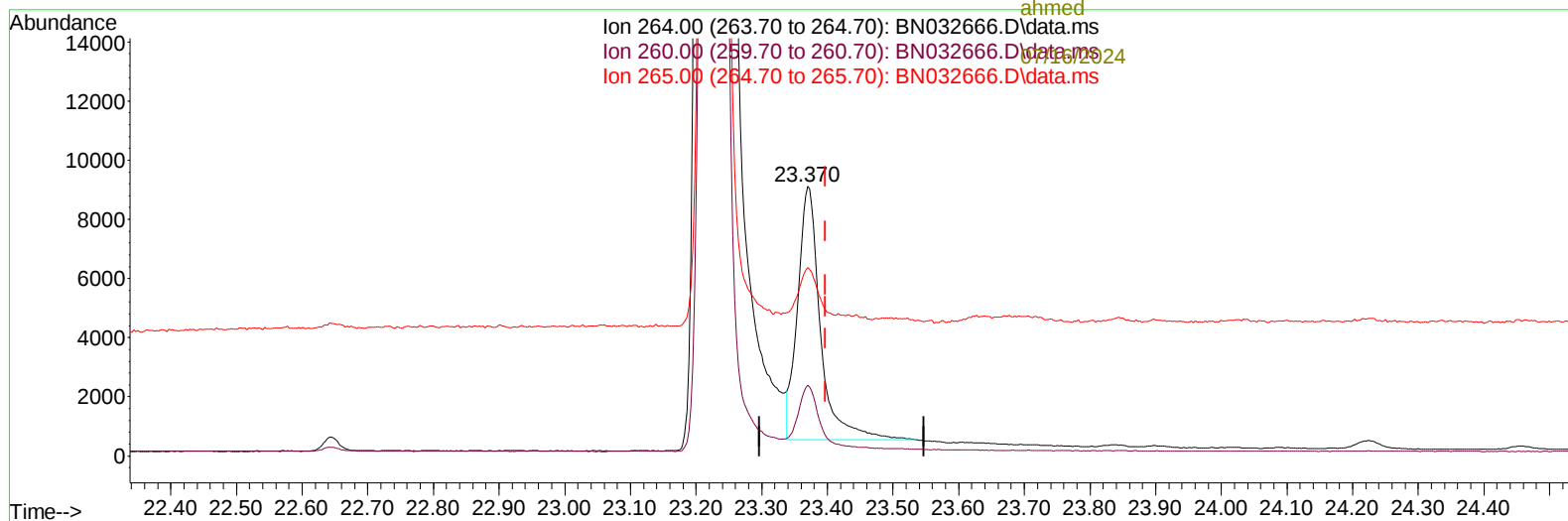
Instrument :
BNA_N
ClientSampleId :
A4BR6

Manual IntegrationsAPPROVED

Quant Time: Jul 12 12:42:18 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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Upadhyay

07/12/2024
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ahmed



TIC: BN032666.D\data.ms

(23) Perylene-d12 (I)

23.370min (-0.027) 0.40 ng/u1

response 20797

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	26.34
265.00	95.50	69.87#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032666.D
Acq On : 12 Jul 2024 10:45
Operator : MA/JU
Sample : P3087-21
Misc :
ALS Vial : 5 Sample Multiplier: 1

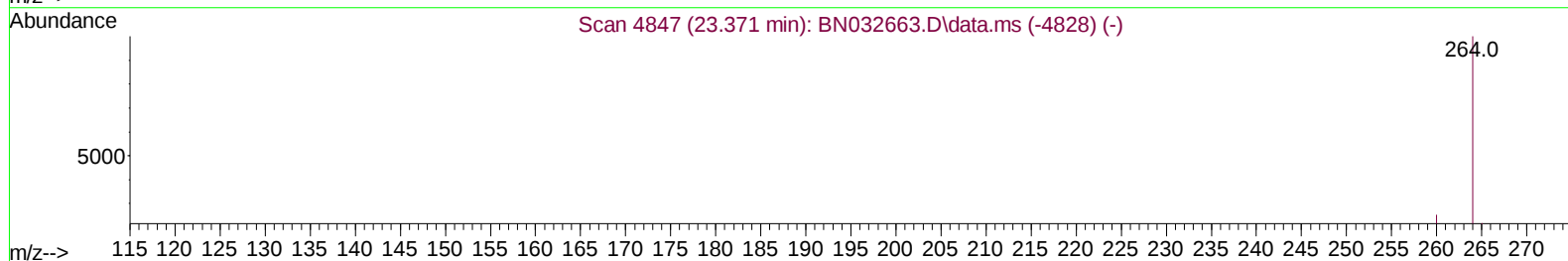
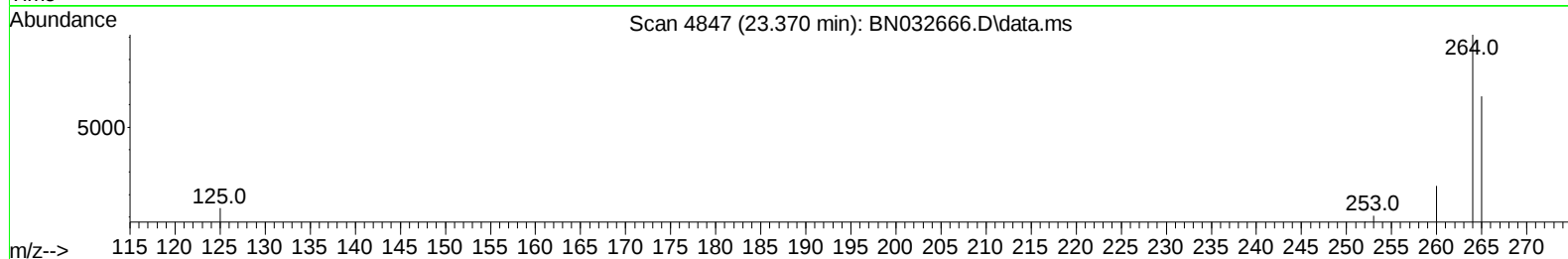
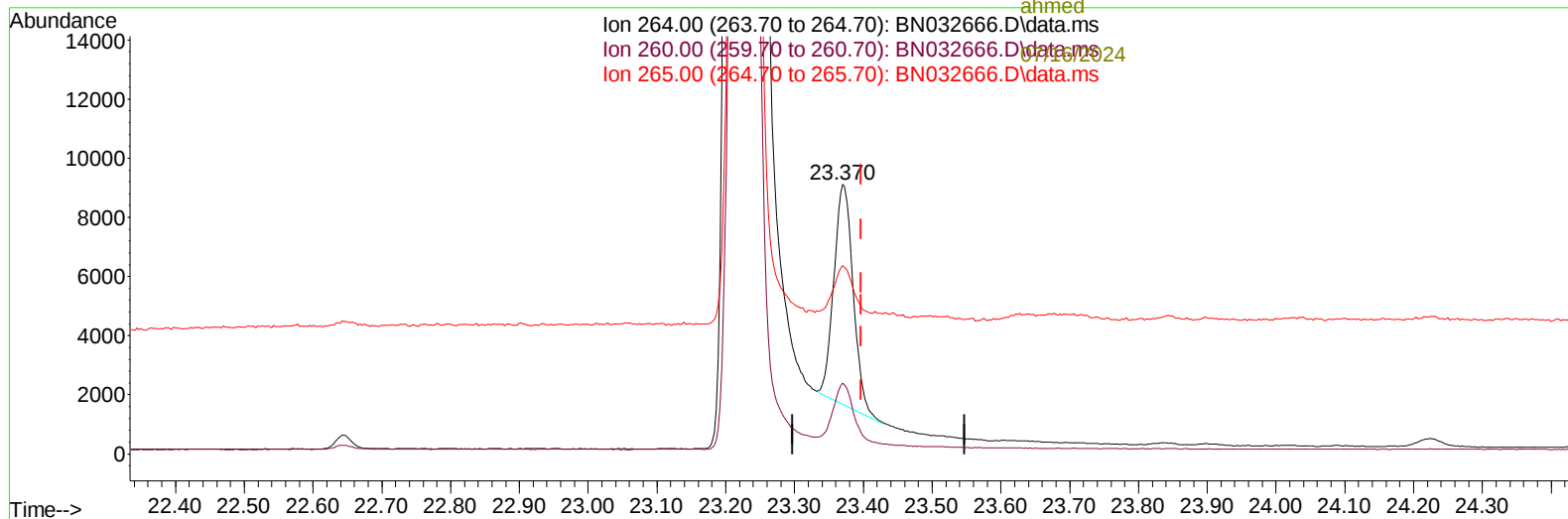
Instrument :
BNA_N
ClientSampleId :
A4BR6

Manual IntegrationsAPPROVED

Quant Time: Jul 12 12:42:18 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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Upadhyay

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TIC: BN032666.D\data.ms

(23) Perylene-d12 (I)

23.370min (-0.027) 0.40 ng/ul m

response 14404

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	26.34
265.00	95.50	69.87#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032666.D
Acq On : 12 Jul 2024 10:45
Operator : MA/JU
Sample : P3087-21
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR6

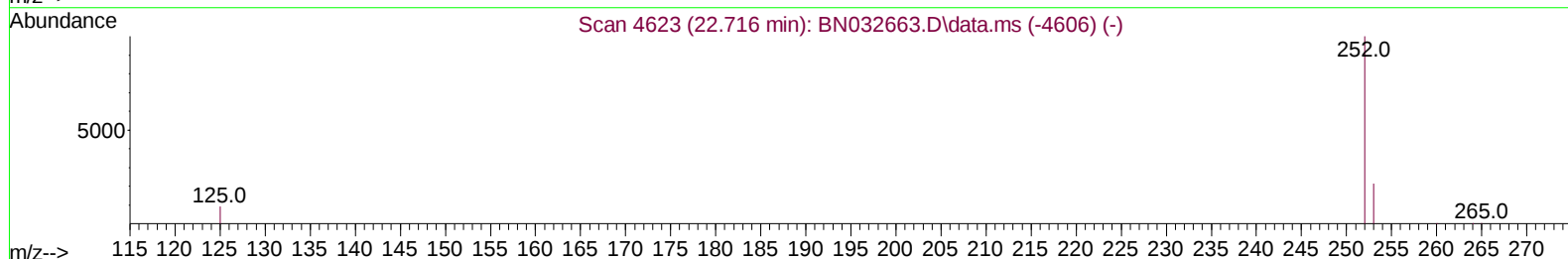
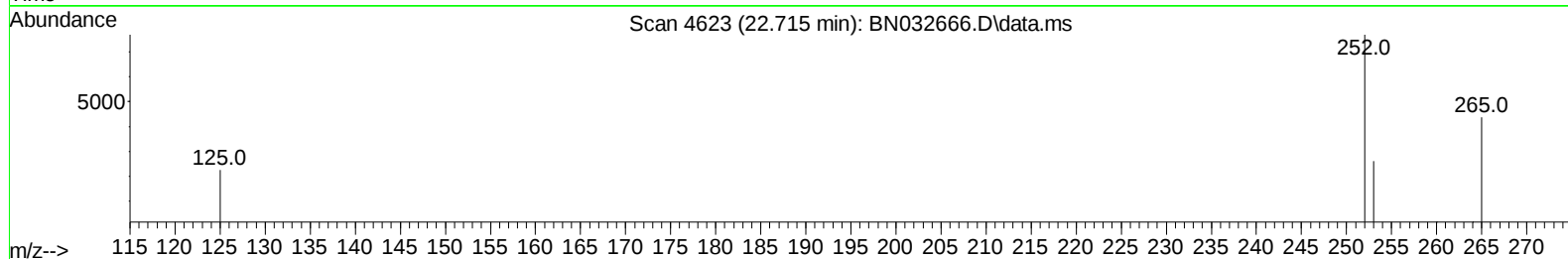
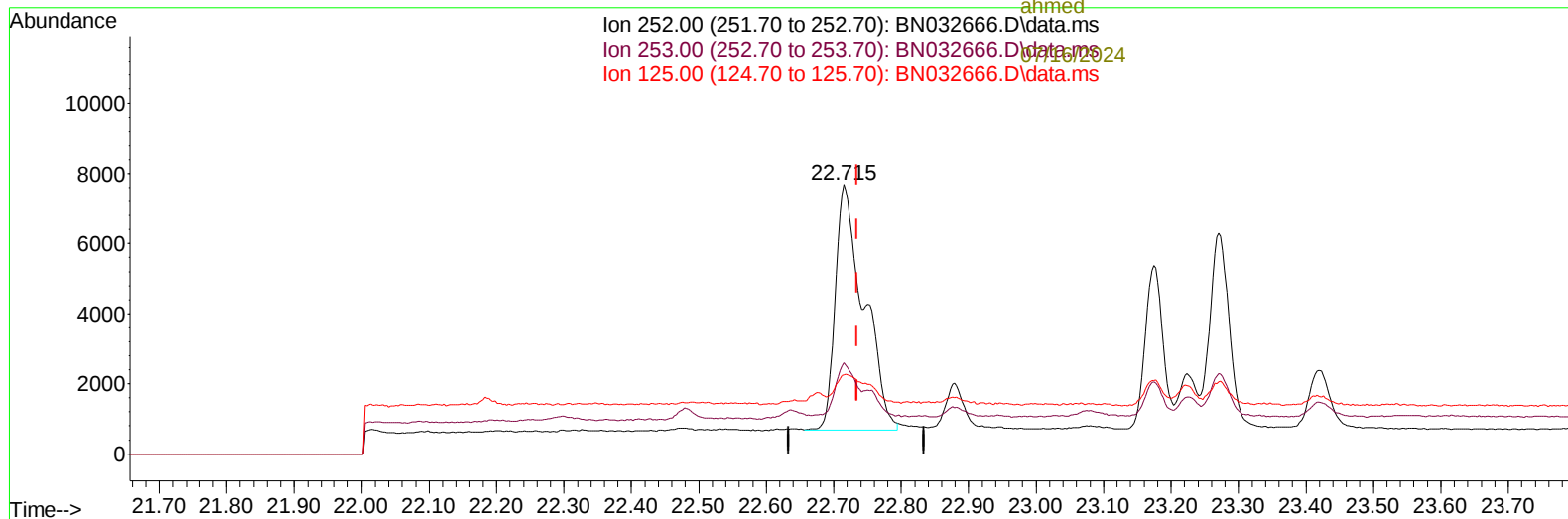
Manual IntegrationsAPPROVED

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Upadhyay

07/12/2024
Supervised By :mohammad
ahmed

Ion 252.00 (251.70 to 252.70): BN032666.D\data.ms
Ion 253.00 (252.70 to 253.70): BN032666.D\data.ms
Ion 125.00 (124.70 to 125.70): BN032666.D\data.ms



TIC: BN032666.D\data.ms

(24) Benzo(b)fluoranthene

22.715min (-0.019) 0.40 ng/u1

response 20458

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	33.91
125.00	18.00	29.47
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032666.D
Acq On : 12 Jul 2024 10:45
Operator : MA/JU
Sample : P3087-21
Misc :
ALS Vial : 5 Sample Multiplier: 1

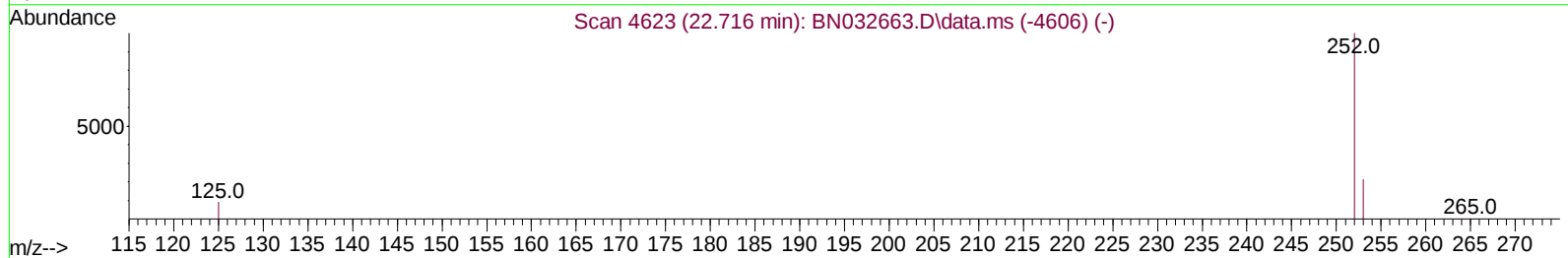
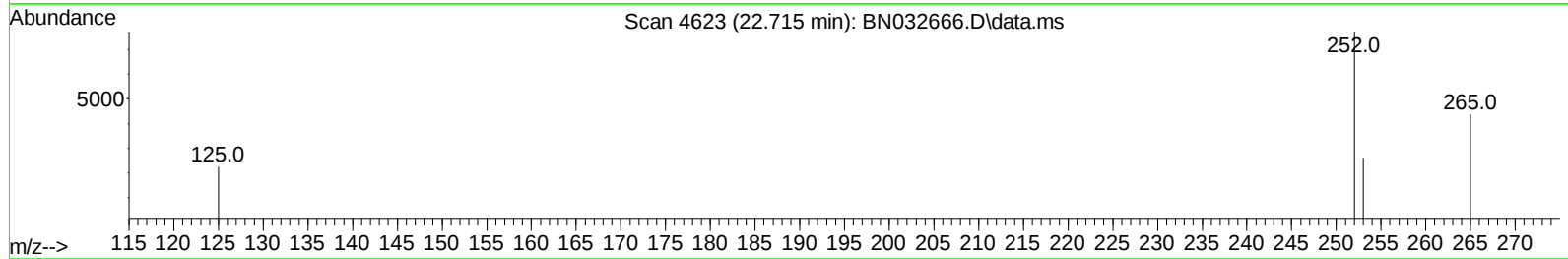
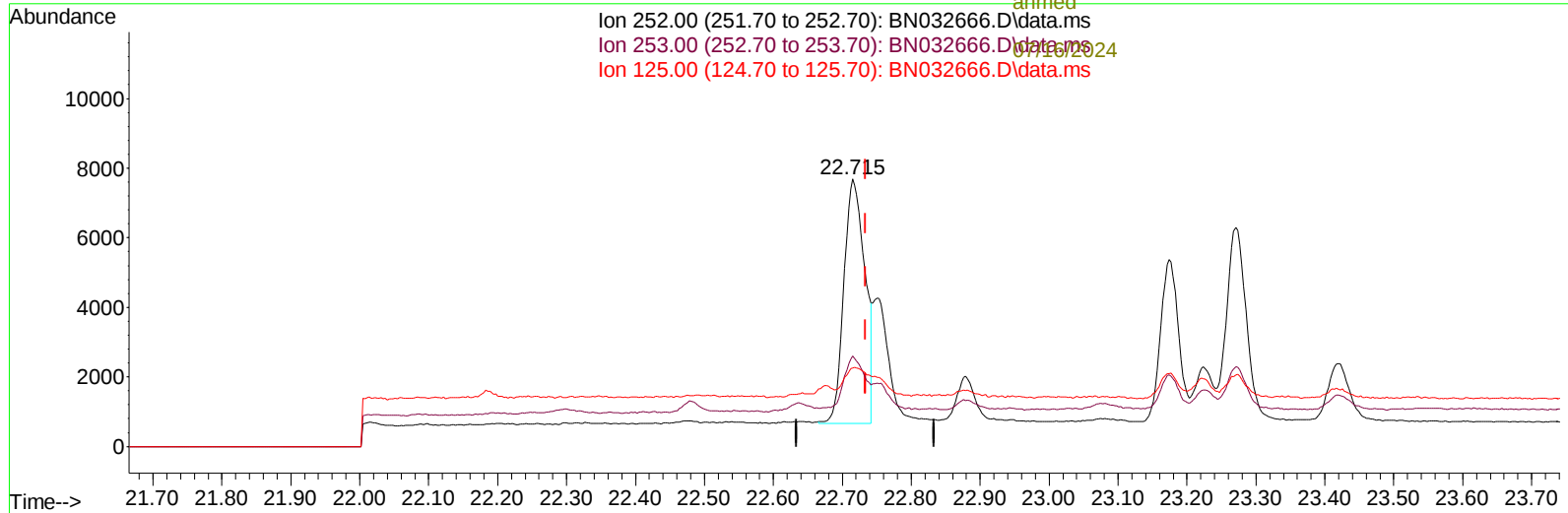
Instrument :
BNA_N
ClientSampleId :
A4BR6

Manual IntegrationsAPPROVED

Quant Time: Jul 12 12:42:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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Upadhyay

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ahmed



TIC: BN032666.D\data.ms

(24) Benzo(b)fluoranthene

22.715min (-0.019) 0.29 ng/u1 m

response 14947

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	33.91
125.00	18.00	29.47
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032666.D
Acq On : 12 Jul 2024 10:45
Operator : MA/JU
Sample : P3087-21
Misc :
ALS Vial : 5 Sample Multiplier: 1

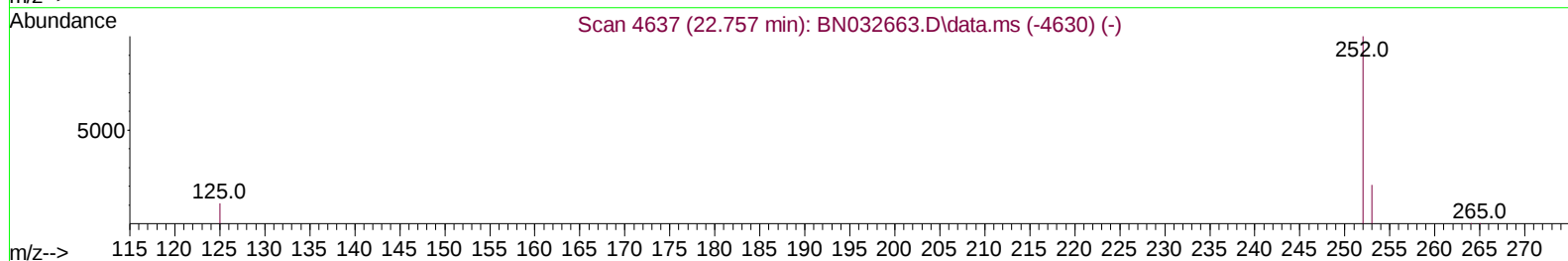
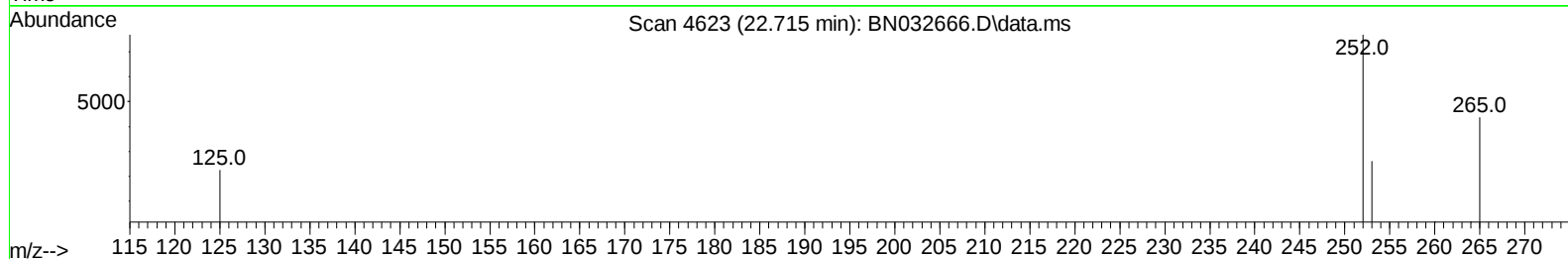
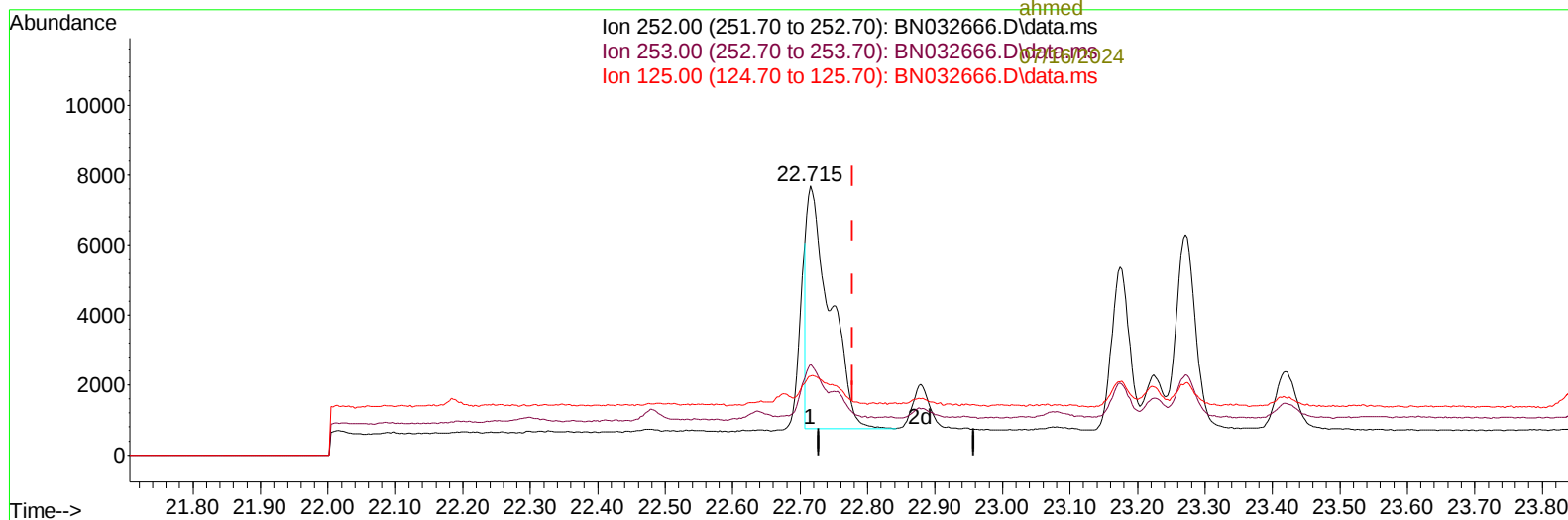
Instrument :
BNA_N
ClientSampleId :
A4BR6

Manual IntegrationsAPPROVED

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ahmed



TIC: BN032666.D\data.ms

(25) Benzo(k)fluoranthene

22.715min (-0.063) 0.27 ng/u1

response 16860

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	33.91#
125.00	18.50	29.47#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032666.D
Acq On : 12 Jul 2024 10:45
Operator : MA/JU
Sample : P3087-21
Misc :
ALS Vial : 5 Sample Multiplier: 1

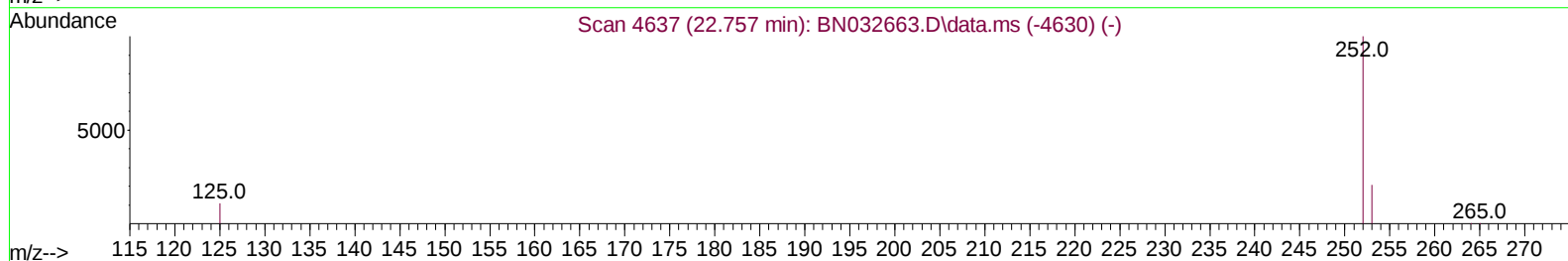
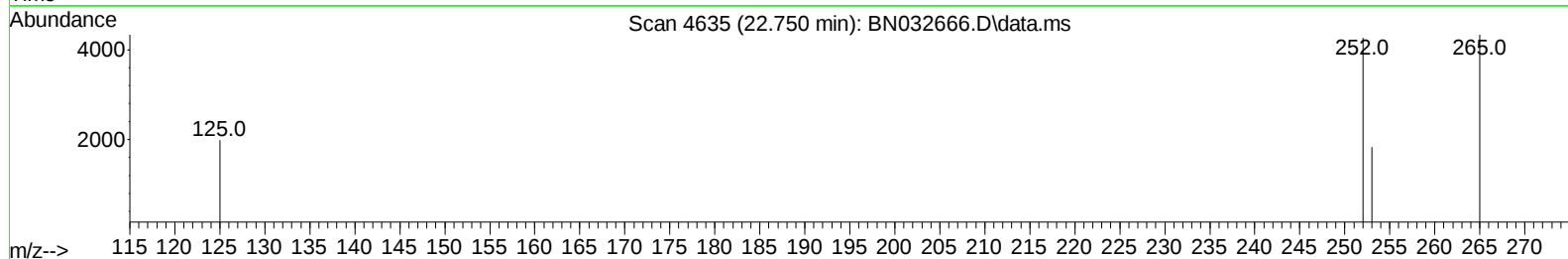
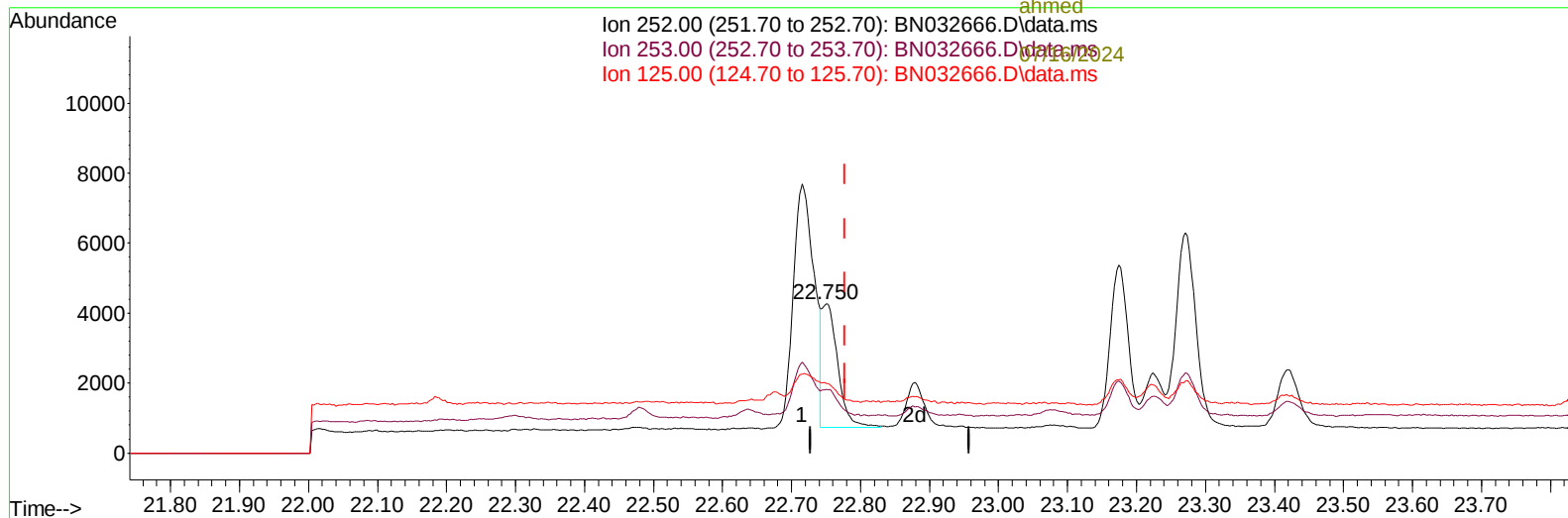
Instrument :
BNA_N
ClientSampleId :
A4BR6

Manual IntegrationsAPPROVED

Quant Time: Jul 12 12:42:18 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



TIC: BN032666.D\data.ms

(25) Benzo(k)fluoranthene

22.750min (-0.027) 0.09 ng/u1 m

response 5648

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	42.94#
125.00	18.50	46.62#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032666.D
 Acq On : 12 Jul 2024 10:45
 Operator : MA/JU
 Sample : P3087-21
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BR6

Manual IntegrationsAPPROVED

Quant Time: Jul 12 12:42:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)
-----07/16/2024							
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.553	152		6123	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.320	136		20012	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.201	164		11388	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.960	188		19998m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.178	240		14137m	0.400	ng/ul	-0.02
23) Perylene-d12	23.370	264		14404m	0.400	ng/ul	-0.03
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.101	96		21414	2.913	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.931	152		5612	0.186	ng/ul	-0.04
18) Fluoranthene-d10	19.002	212		8725	0.189	ng/ul	-0.02
Target Compounds							
							Qvalue
5) Naphthalene	10.370	128		1320	0.025	ng/ul#	80
10) Acenaphthylene	13.923	152		1613	0.035	ng/ul#	84
15) Phenanthrene	16.998	178		11656m	0.214	ng/ul	
16) Anthracene	17.091	178		2966m	0.067	ng/ul	
19) Fluoranthene	19.030	202		20843	0.363	ng/ul	100
20) Pyrene	19.397	202		22251	0.374	ng/ul	99
21) Benzo(a)anthracene	21.161	228		11149	0.248	ng/ul#	93
22) Chrysene	21.213	228		9589	0.147	ng/ul#	92
24) Benzo(b)fluoranthene	22.715	252		14947m	0.294	ng/ul	
25) Benzo(k)fluoranthene	22.750	252		5648m	0.091	ng/ul	
26) Benzo(a)pyrene	23.271	252		11082	0.252	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.581	276		7940	0.133	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.585	278		1771	0.038	ng/ul#	1
29) Benzo(g,h,i)perylene	26.262	276		8300	0.167	ng/ul#	89

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
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ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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