

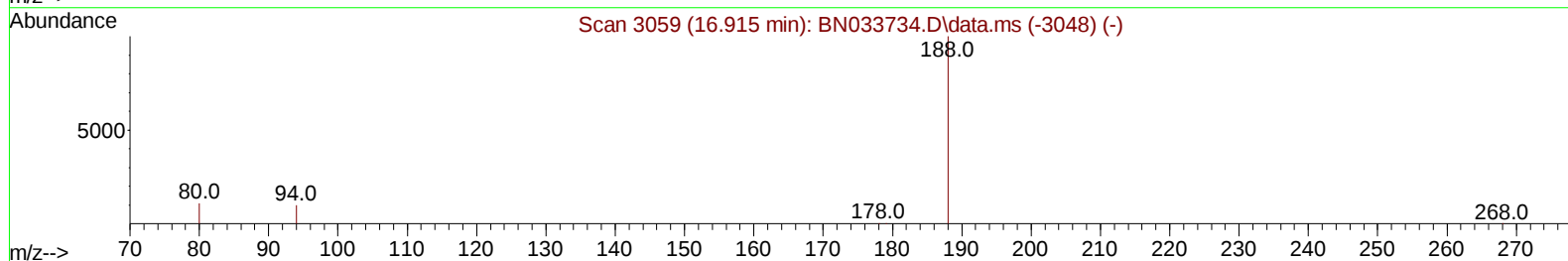
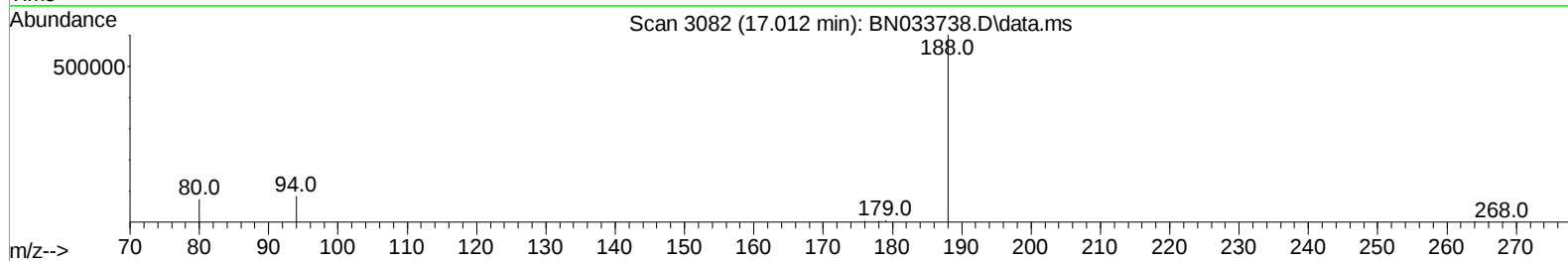
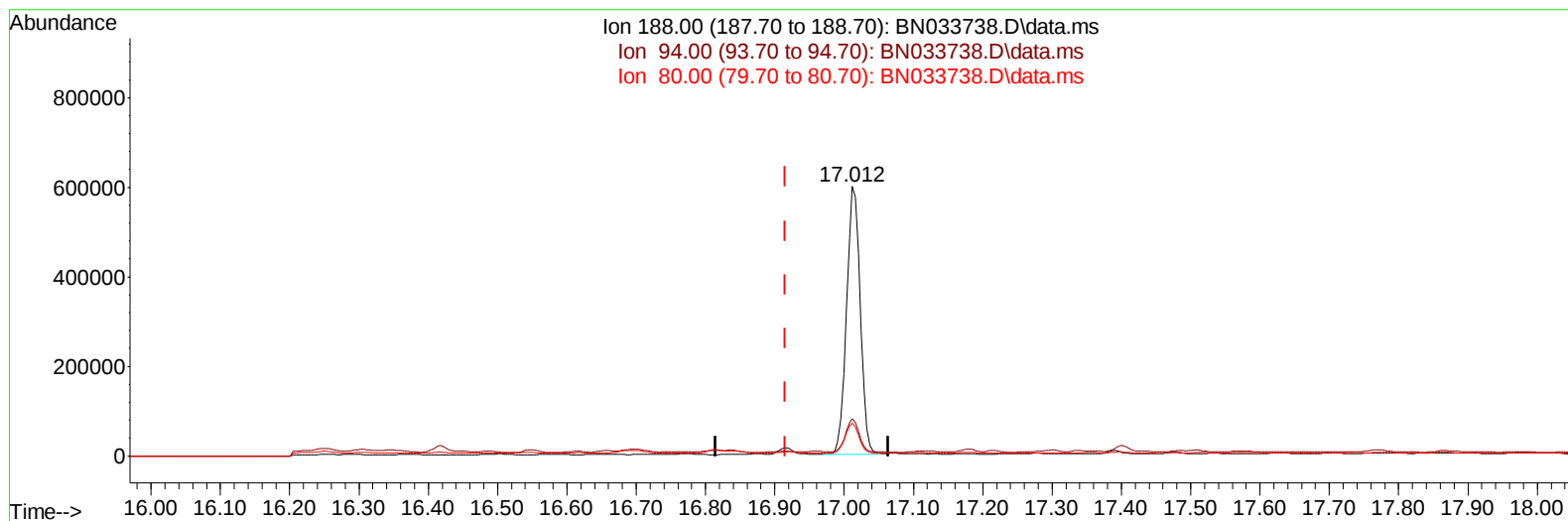
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090324\
Data File : BN033738.D
Acq On : 03 Sep 2024 13:20
Operator : MA/JU
Sample : P3809-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
YE3E4

Manual IntegrationsAPPROVED

Quant Time: Sep 04 01:40:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN082724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 01:39:37 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



TIC: BN033738.D\data.ms

(13) Phenanthrene-d10 (I)

17.012min (+ 0.097) 0.40 ng/u1

response 816743

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.30	13.79#
80.00	11.50	12.14
0.00	0.00	0.00

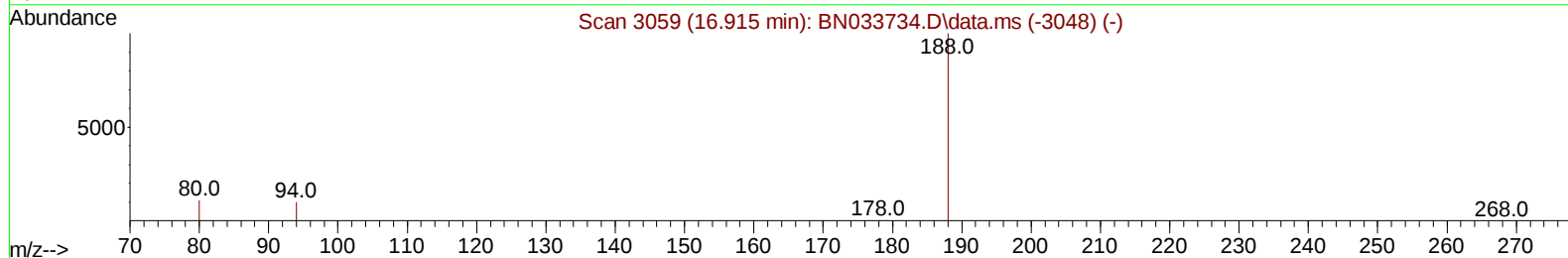
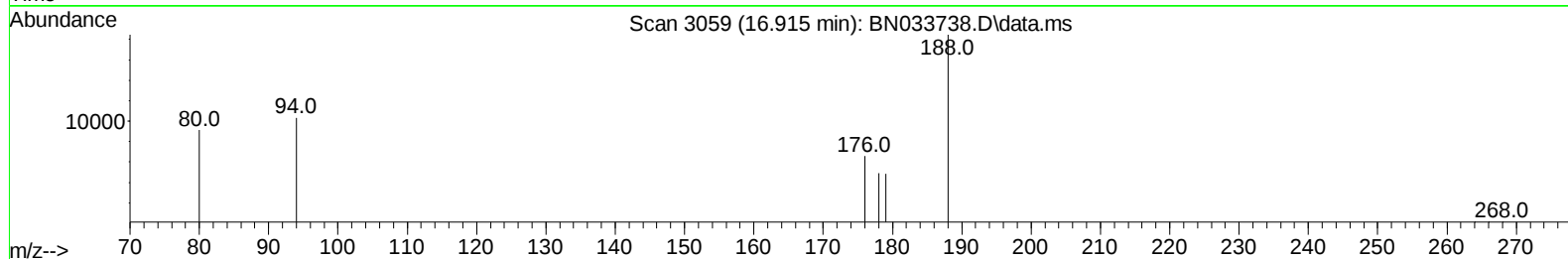
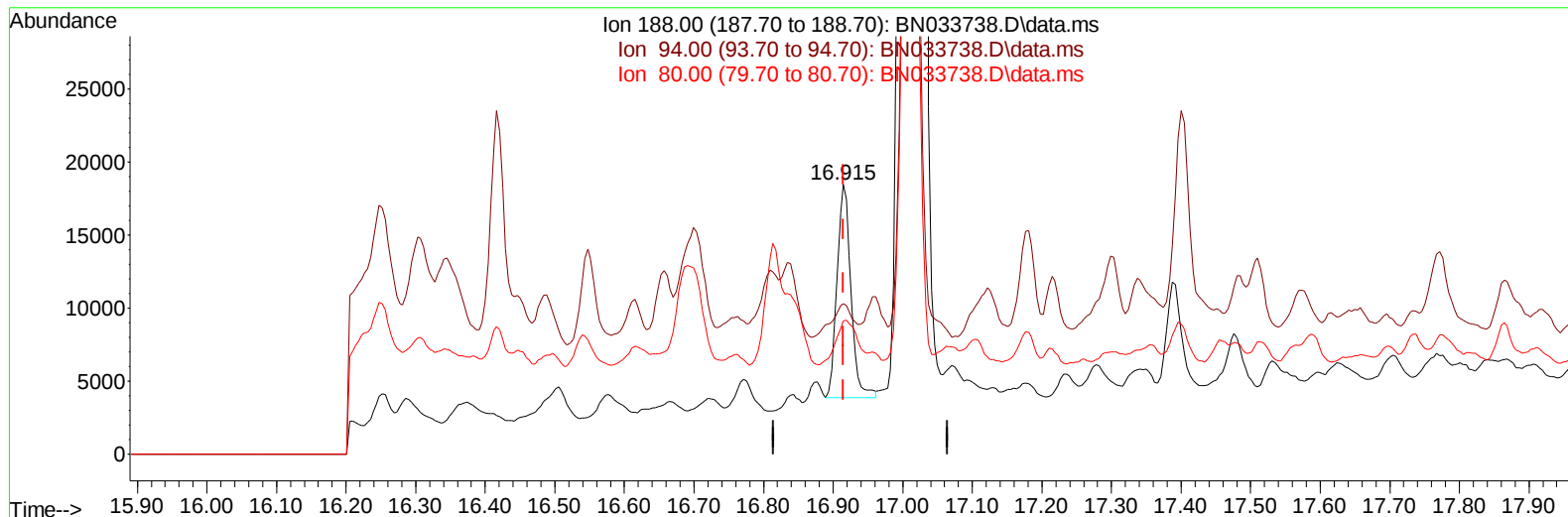
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090324\
Data File : BN033738.D
Acq On : 03 Sep 2024 13:20
Operator : MA/JU
Sample : P3809-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
YE3E4

Manual IntegrationsAPPROVED

Quant Time: Sep 04 01:40:49 2024
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Supervised By :mohammad ahmed 09/06/2024



TIC: BN033738.D\data.ms

(13) Phenanthrene-d10 (I)

16.915min (+ 0.000) 0.40 ng/u1 m

response 20383

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.30	55.85#
80.00	11.50	49.33#
0.00	0.00	0.00

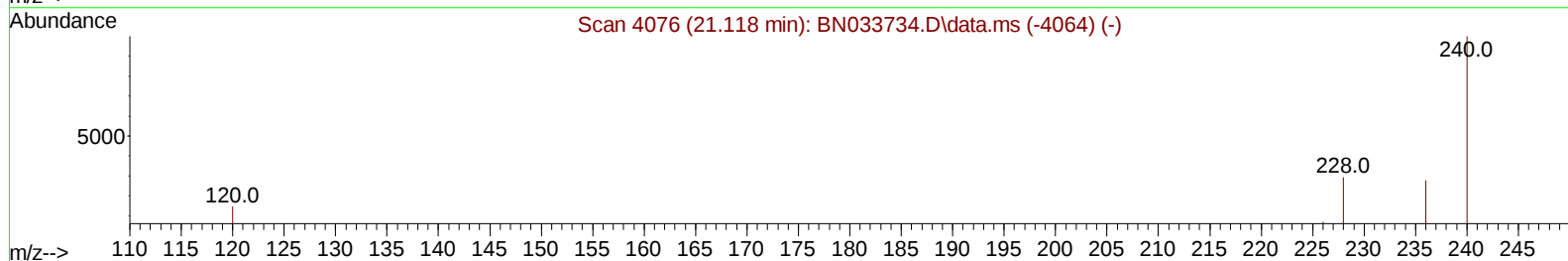
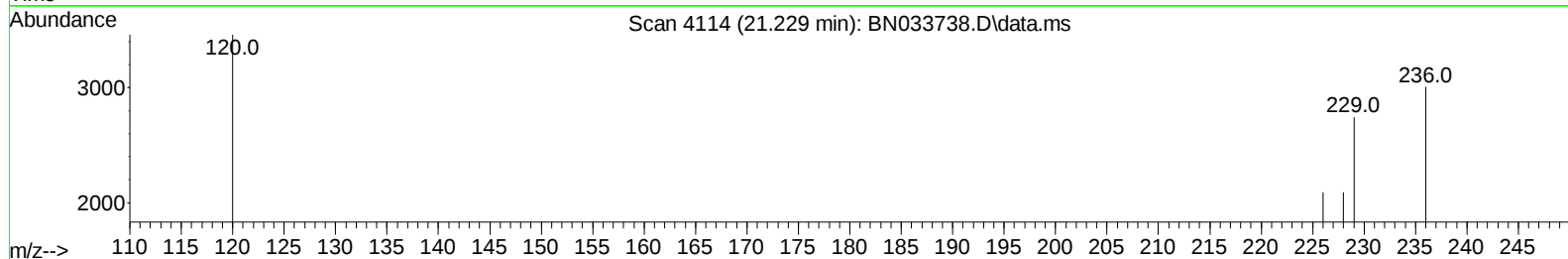
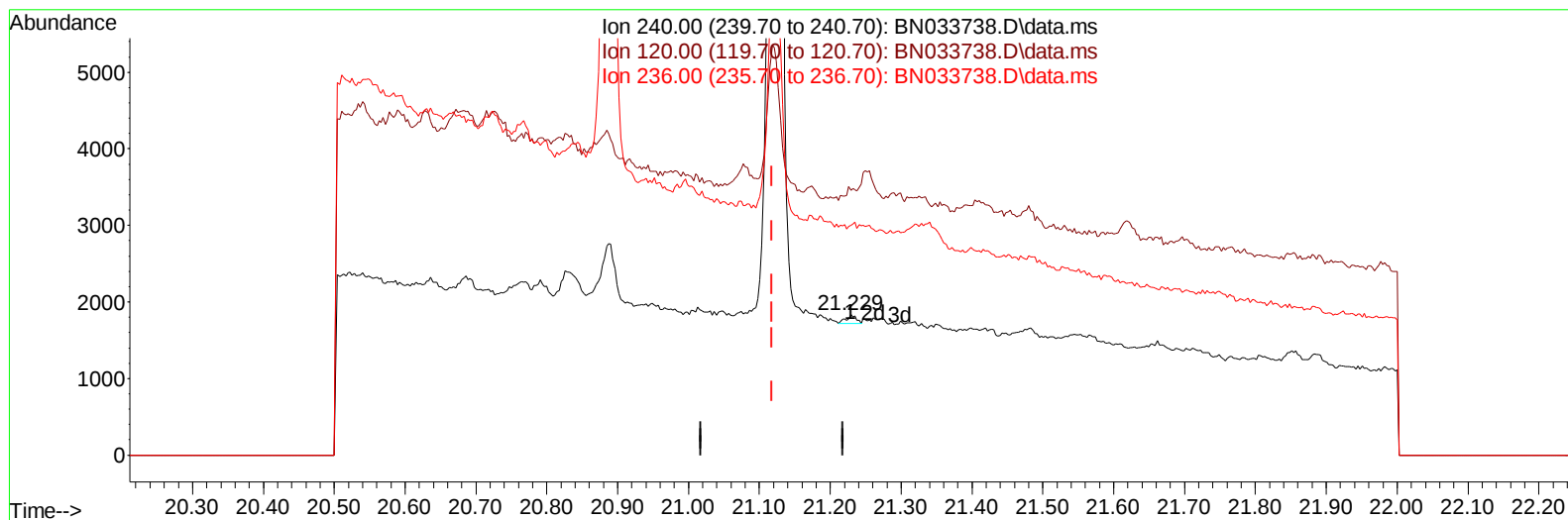
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090324\
Data File : BN033738.D
Acq On : 03 Sep 2024 13:20
Operator : MA/JU
Sample : P3809-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN033738.D\data.ms

(17) Chrysene-d12

21.229min (+ 0.111) 0.40 ng/u1

response 116

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.40	188.86#
236.00	28.30	164.03#
0.00	0.00	0.00

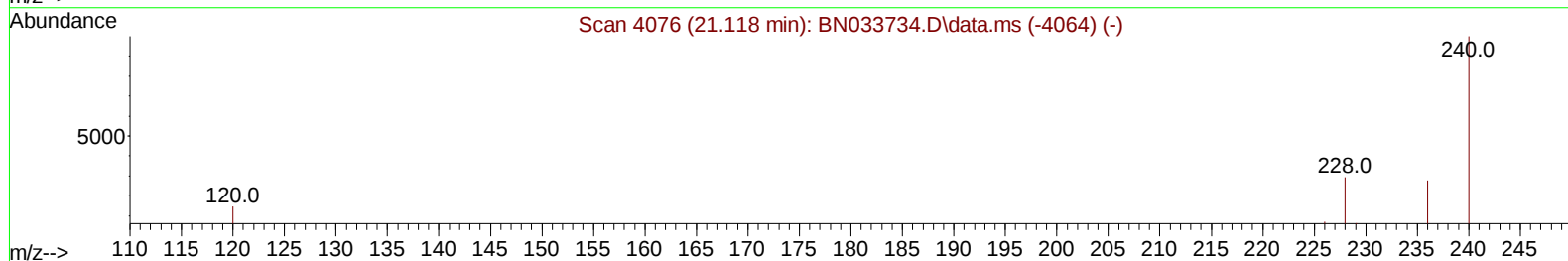
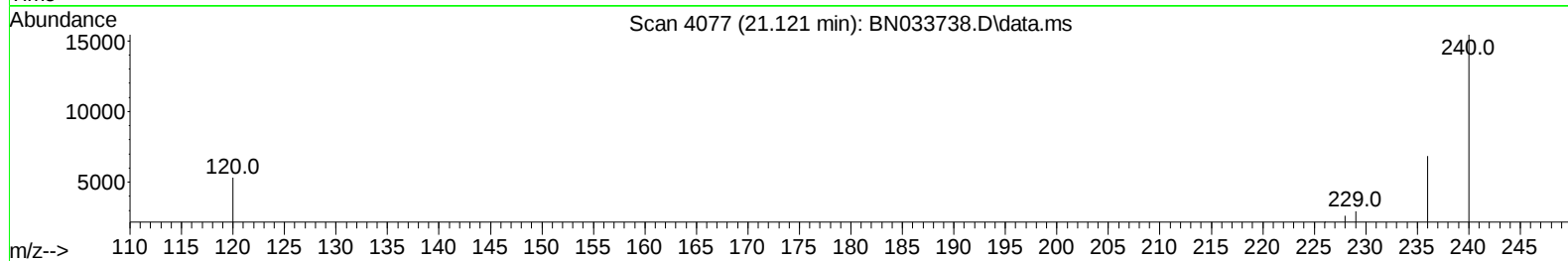
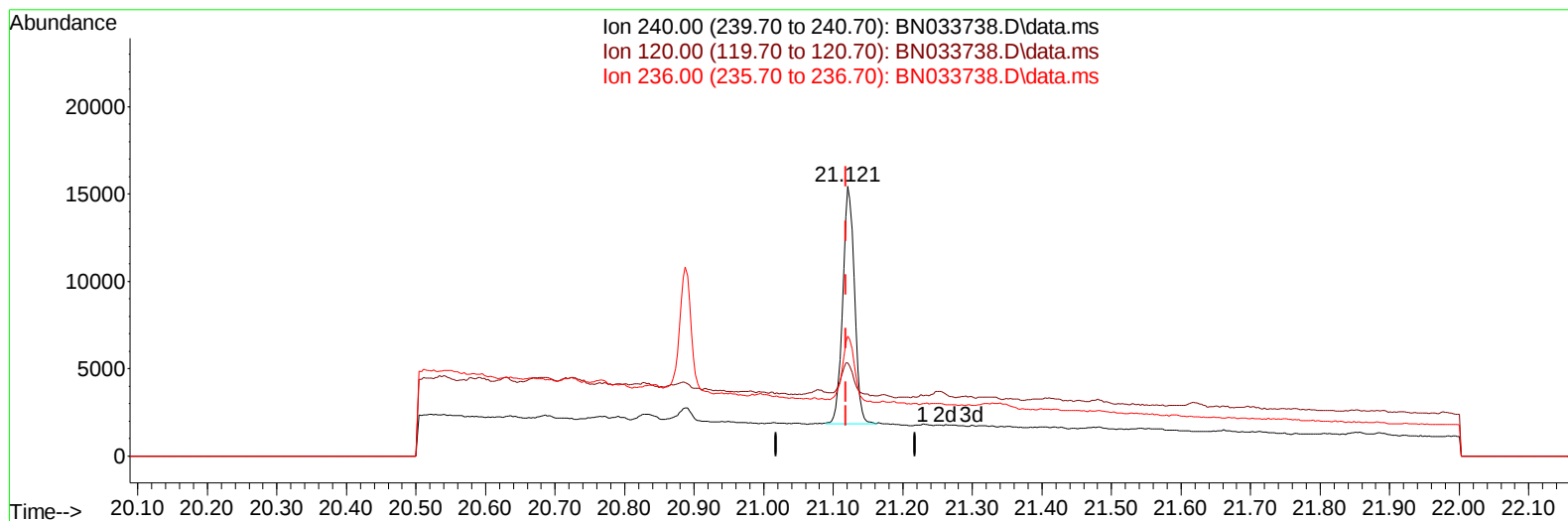
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090324\
Data File : BN033738.D
Acq On : 03 Sep 2024 13:20
Operator : MA/JU
Sample : P3809-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
YE3E4

Manual IntegrationsAPPROVED

Quant Time: Sep 04 01:40:49 2024
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TIC: BN033738.D\data.ms

(17) Chrysene-d12

21.121min (+ 0.003) 0.40 ng/ul m

response 16040

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.40	34.44#
236.00	28.30	44.40#
0.00	0.00	0.00

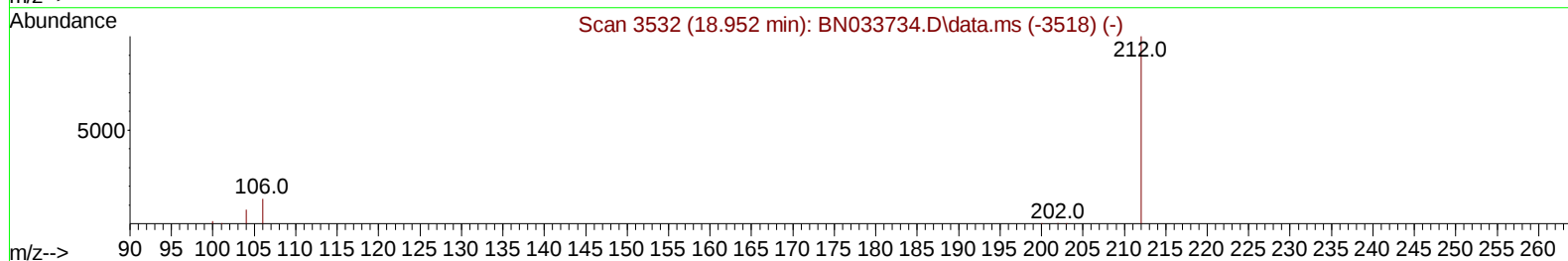
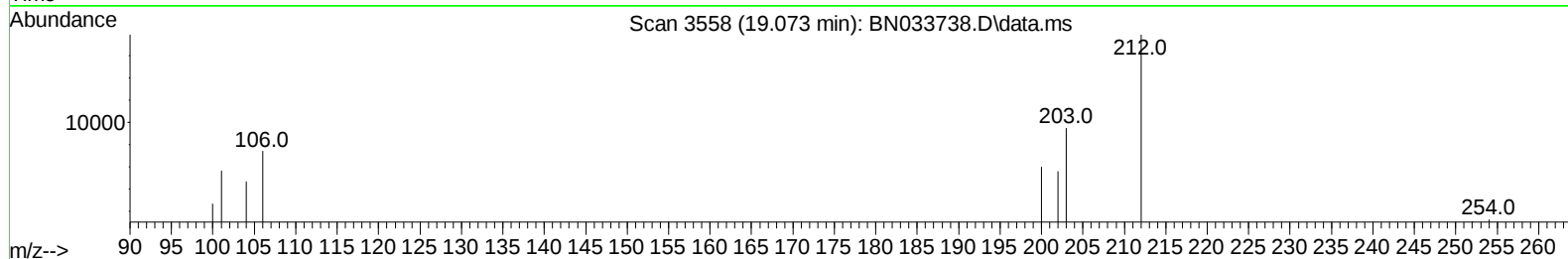
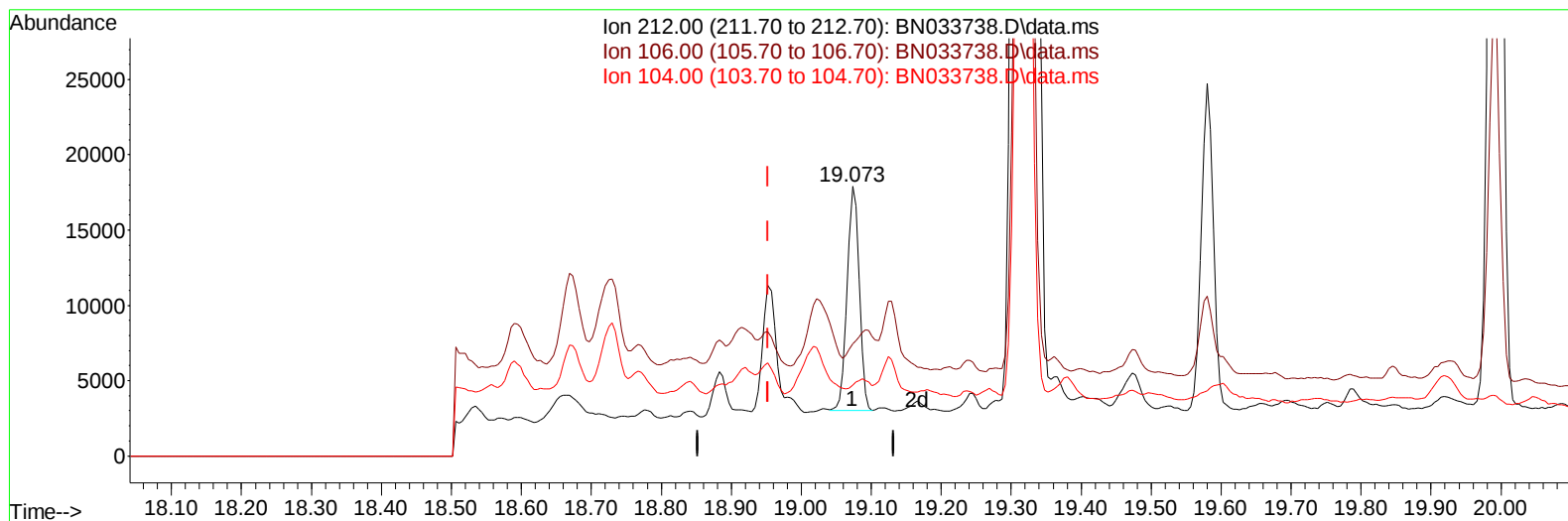
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090324\
Data File : BN033738.D
Acq On : 03 Sep 2024 13:20
Operator : MA/JU
Sample : P3809-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
YE3E4

Manual IntegrationsAPPROVED

Quant Time: Sep 04 01:40:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN082724.M
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TIC: BN033738.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.073min (+ 0.121) 0.37 ng/u1

response 17683

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.40	32.86#
104.00	8.30	9.59
0.00	0.00	0.00

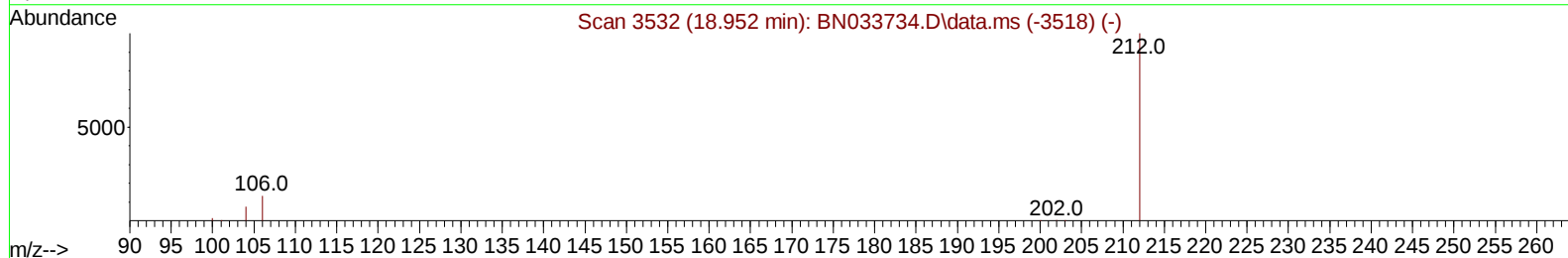
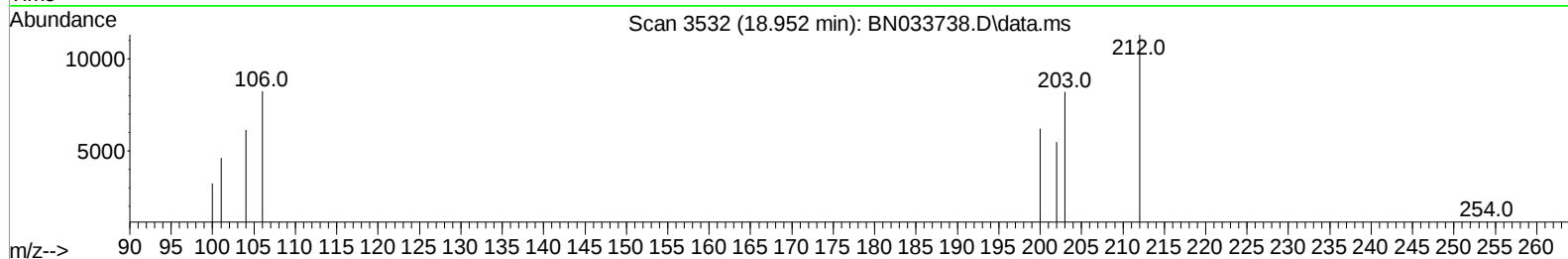
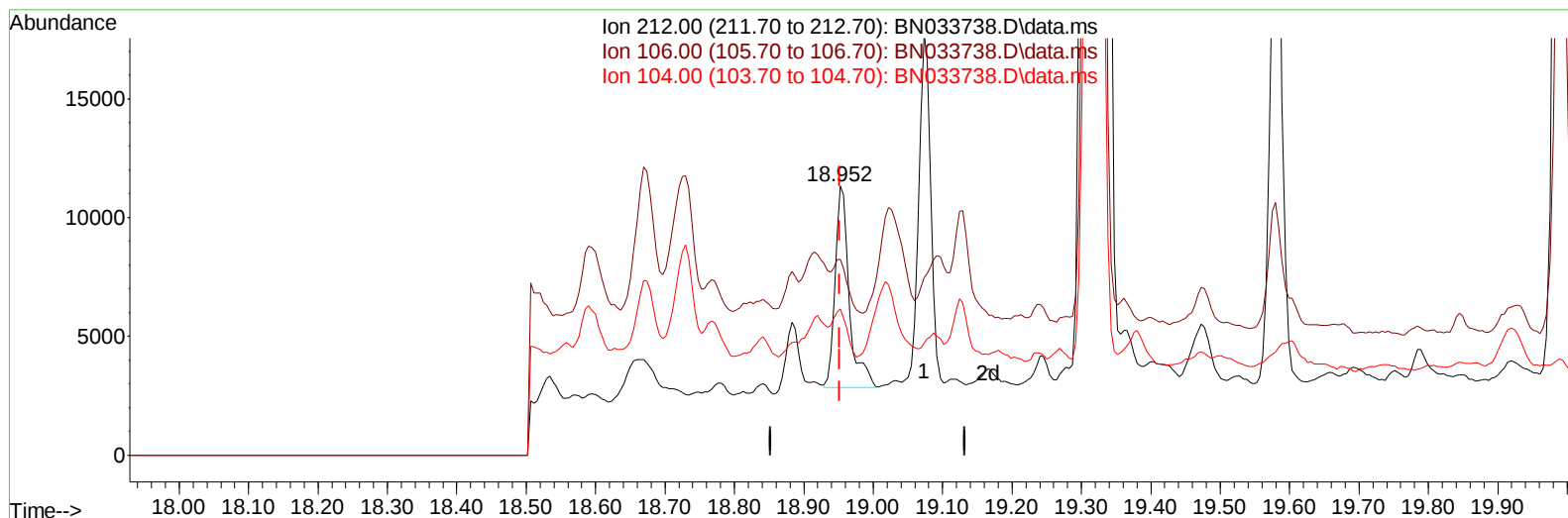
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090324\
Data File : BN033738.D
Acq On : 03 Sep 2024 13:20
Operator : MA/JU
Sample : P3809-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
YE3E4

Manual IntegrationsAPPROVED

Quant Time: Sep 04 01:40:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN082724.M
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QLast Update : Wed Sep 04 01:39:37 2024
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Supervised By :mohammad ahmed 09/06/2024



TIC: BN033738.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.952min (+ 0.000) 0.25 ng/u1 m

response 12095

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.40	48.04#
104.00	8.30	14.02#
0.00	0.00	0.00

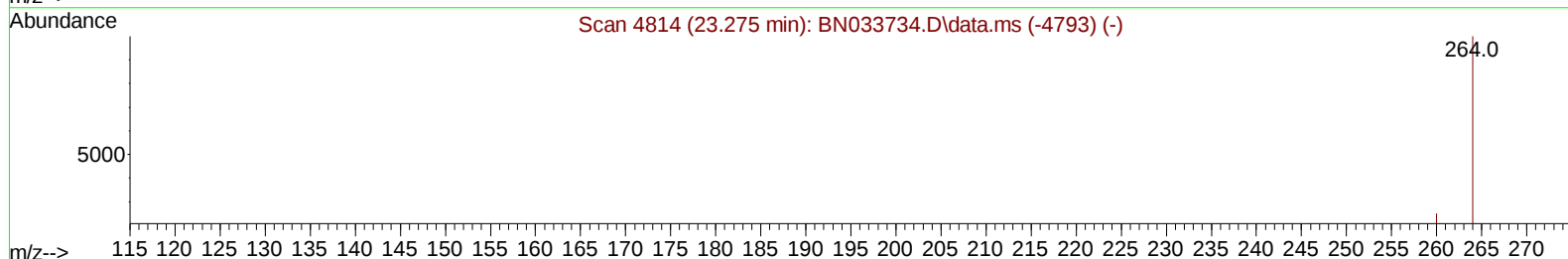
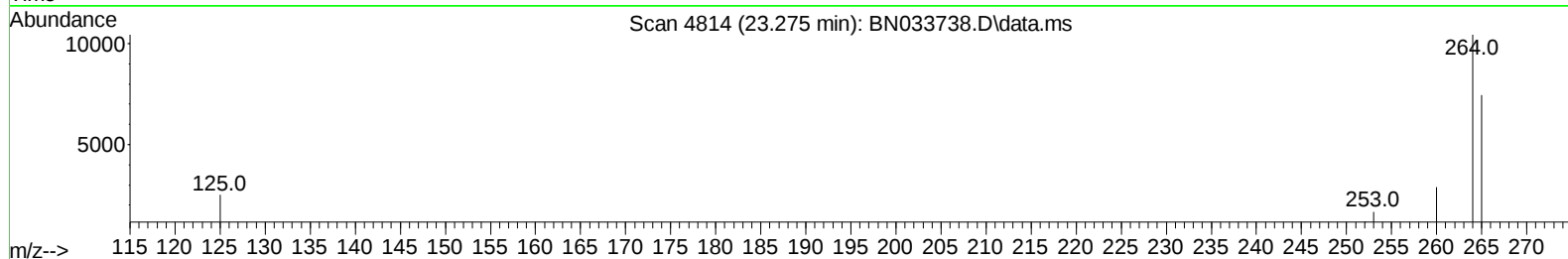
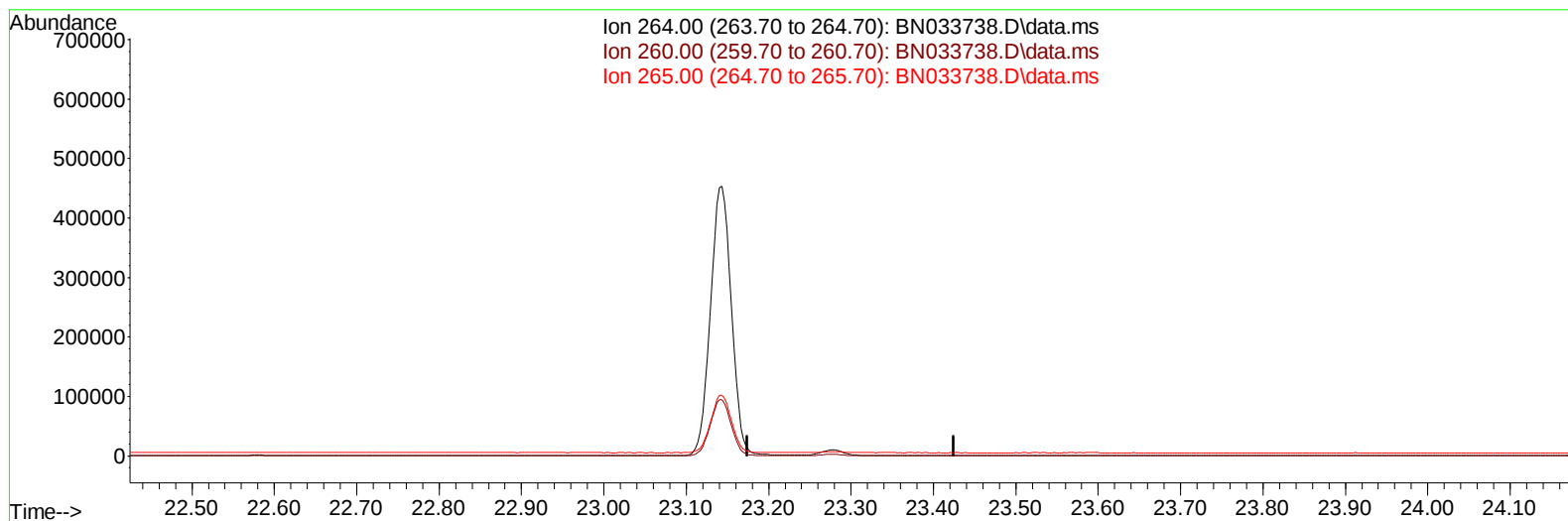
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090324\
Data File : BN033738.D
Acq On : 03 Sep 2024 13:20
Operator : MA/JU
Sample : P3809-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
YE3E4

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024

Quant Time: Sep 04 01:40:49 2024
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TIC: BN033738.D\data.ms

(23) Perylene-d12 (I)

23.275min (-23.275) 0.00 ng/u1

response 0

Ion	Exp%	Act%
264.00	100.00	0.00
260.00	26.60	0.00#
265.00	73.30	0.00#
0.00	0.00	0.00

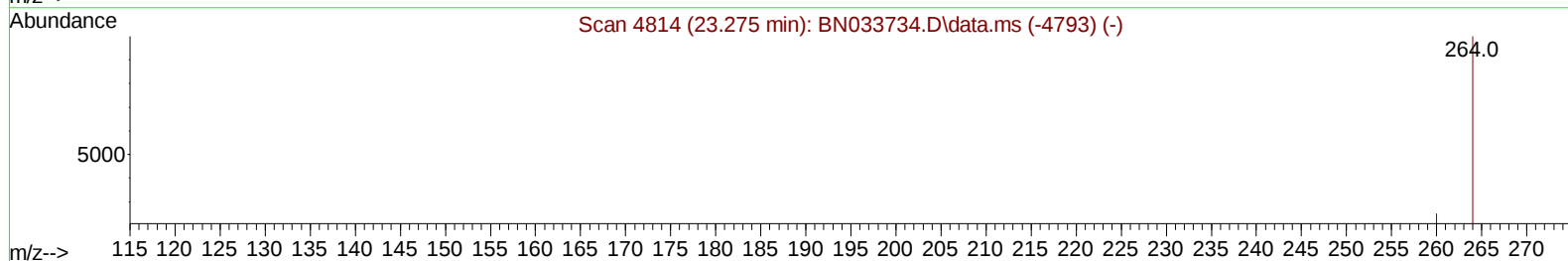
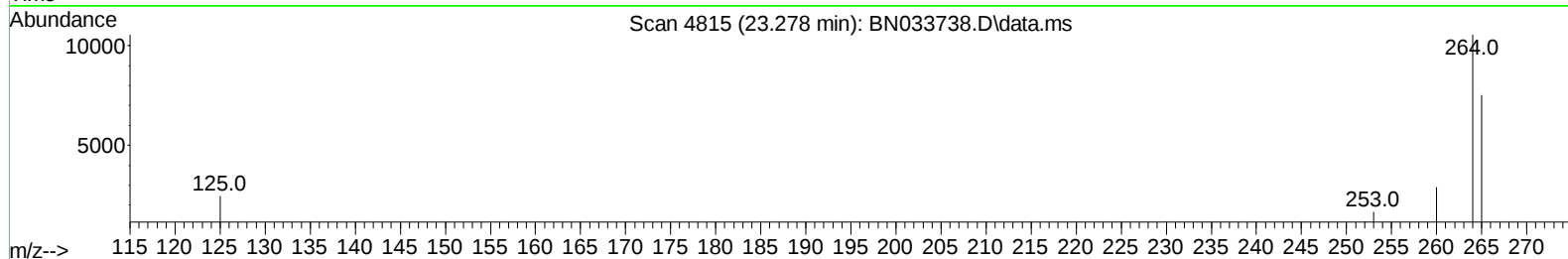
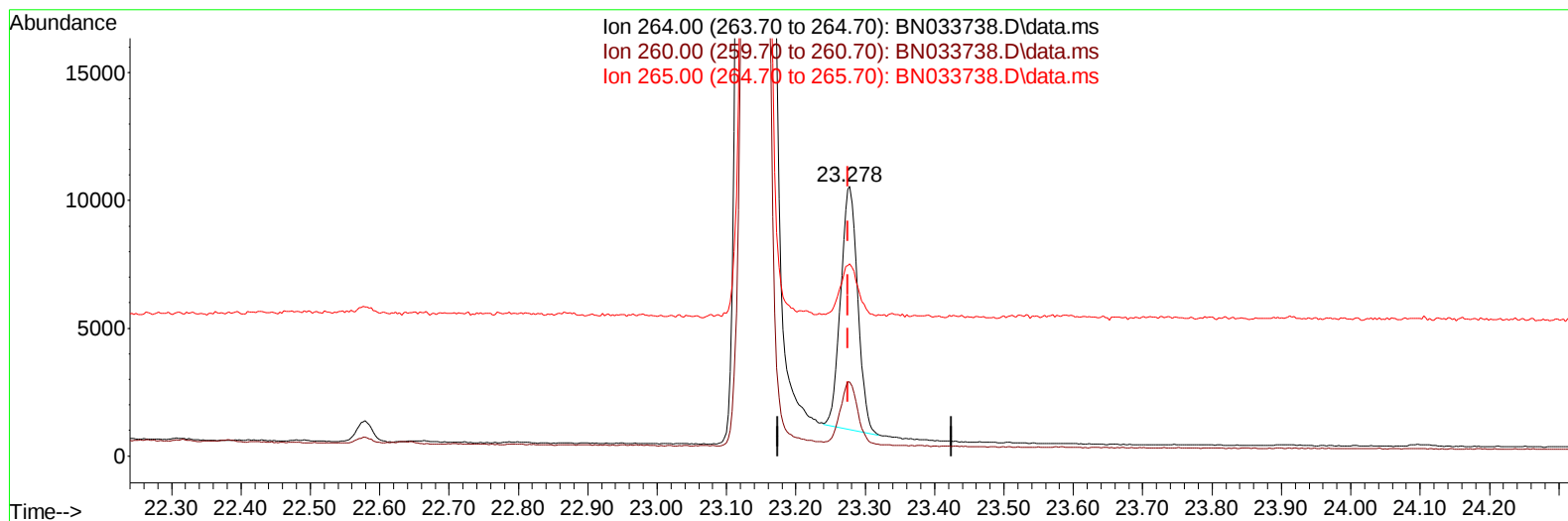
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090324\
Data File : BN033738.D
Acq On : 03 Sep 2024 13:20
Operator : MA/JU
Sample : P3809-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
YE3E4

Manual IntegrationsAPPROVED

Quant Time: Sep 04 01:40:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN082724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BN033738.D\data.ms

(23) Perylene-d12 (I)

23.278min (+ 0.003) 0.40 ng/ul m

response 16268

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.60	27.46
265.00	73.30	71.34
0.00	0.00	0.00

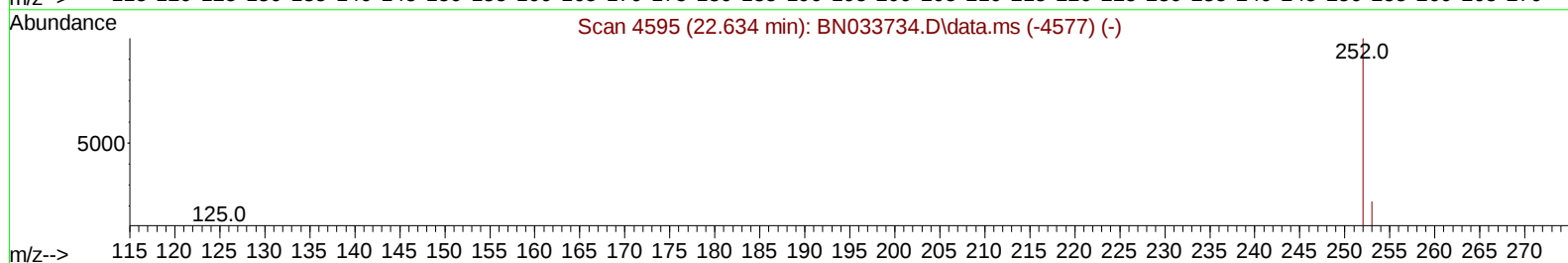
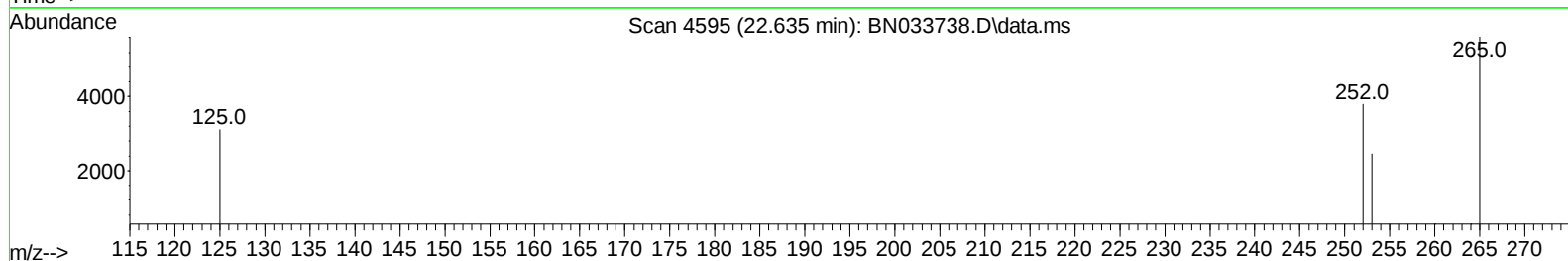
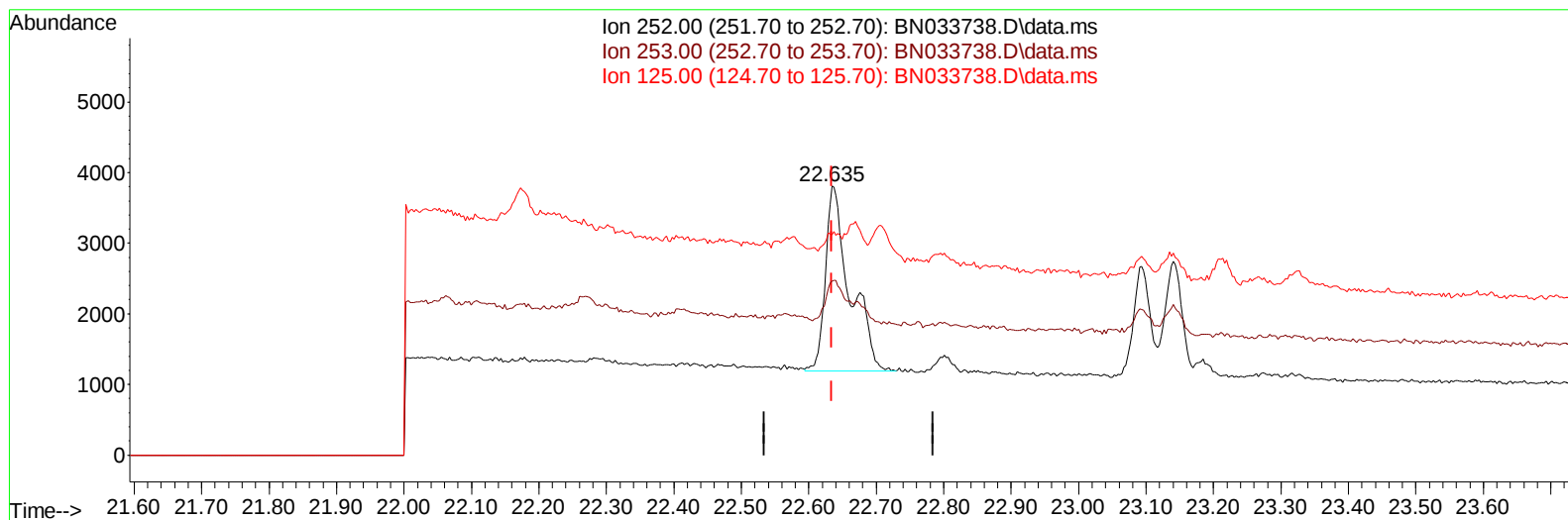
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090324\
Data File : BN033738.D
Acq On : 03 Sep 2024 13:20
Operator : MA/JU
Sample : P3809-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
YE3E4

Manual IntegrationsAPPROVED

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TIC: BN033738.D\data.ms

(24) Benzo(b)fluoranthene

22.635min (+ 0.000) 0.11 ng/u1

response 6646

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.40	64.65#
125.00	18.20	81.91#
0.00	0.00	0.00

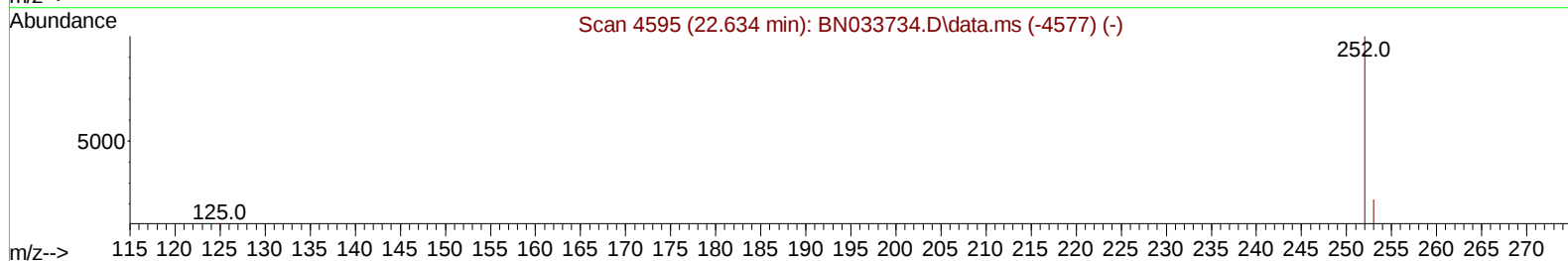
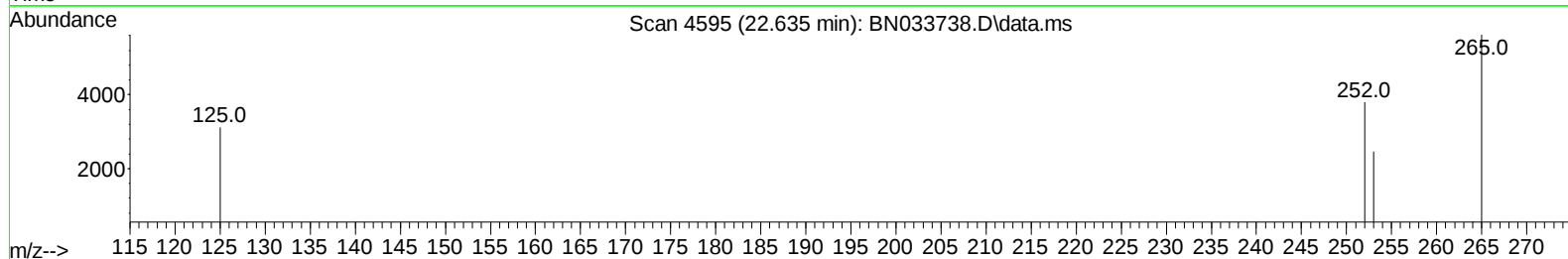
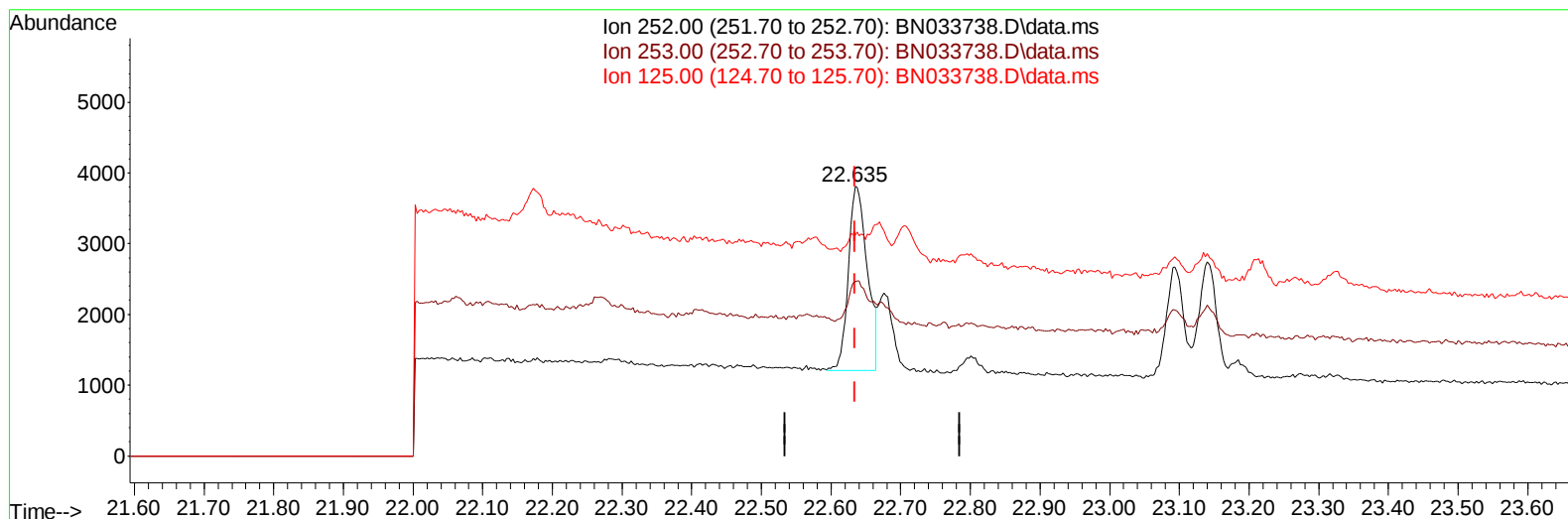
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090324\
Data File : BN033738.D
Acq On : 03 Sep 2024 13:20
Operator : MA/JU
Sample : P3809-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
YE3E4

Manual IntegrationsAPPROVED

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TIC: BN033738.D\data.ms

(24) Benzo(b)fluoranthene

22.635min (+ 0.000) 0.08 ng/u1 m

response 4880

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.40	64.65#
125.00	18.20	81.91#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090324\
 Data File : BN033738.D
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 Operator : MA/JU
 Sample : P3809-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 YE3E4

Manual IntegrationsAPPROVED

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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.523	152		6013	0.400	ng/ul	0.00
4) Naphthalene-d8	10.283	136		17028	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.161	164		11133	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	16.915	188		20383m	0.400	ng/ul	0.00
17) Chrysene-d12	21.121	240		16040m	0.400	ng/ul	0.00
23) Perylene-d12	23.278	264		16268m	0.400	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.135	96		29013	4.693	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.878	152		6282	0.257	ng/ul	0.00
18) Fluoranthene-d10	18.952	212		12095m	0.253	ng/ul	0.00
Target Compounds				Qvalue			
2) 1,4-Dioxane	3.169	88		20229	2.949	ng/ul#	85
5) Naphthalene	10.332	128		18663	0.410	ng/ul#	73
7) 2-Methylnaphthalene	11.955	142		41240	1.429	ng/ul	92
8) 1-Methylnaphthalene	12.175	142		360562	12.150	ng/ul	98
11) Acenaphthene	14.225	153		10137	0.278	ng/ul	91
12) Fluorene	15.220	166		4136	0.101	ng/ul#	42
24) Benzo(b)fluoranthene	22.635	252		4880m	0.077	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.411	276		1834	0.024	ng/ul#	99
29) Benzo(g,h,i)perylene	26.059	276		2466	0.041	ng/ul#	40

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

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