

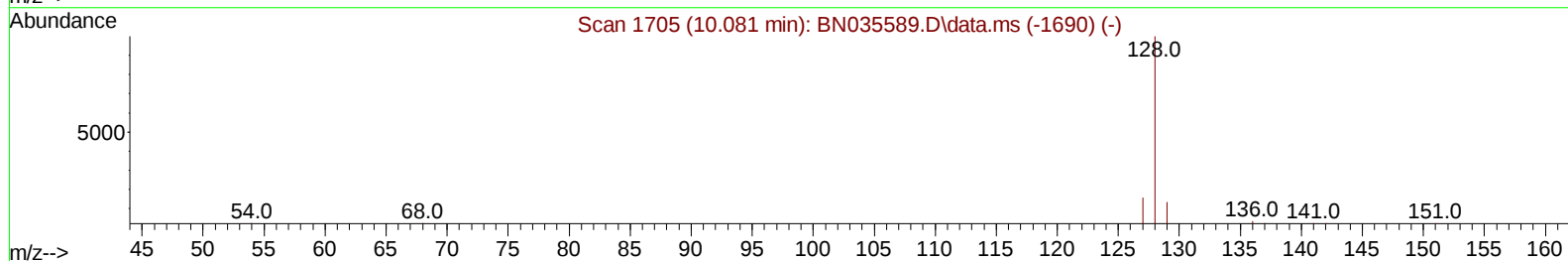
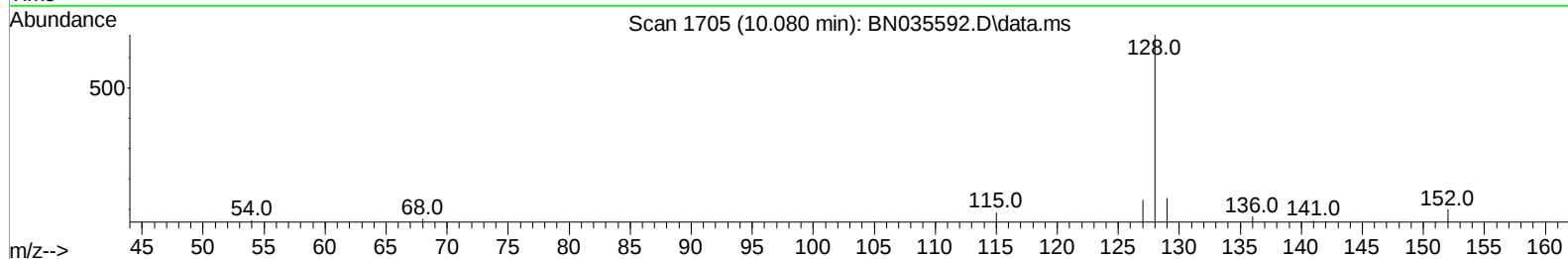
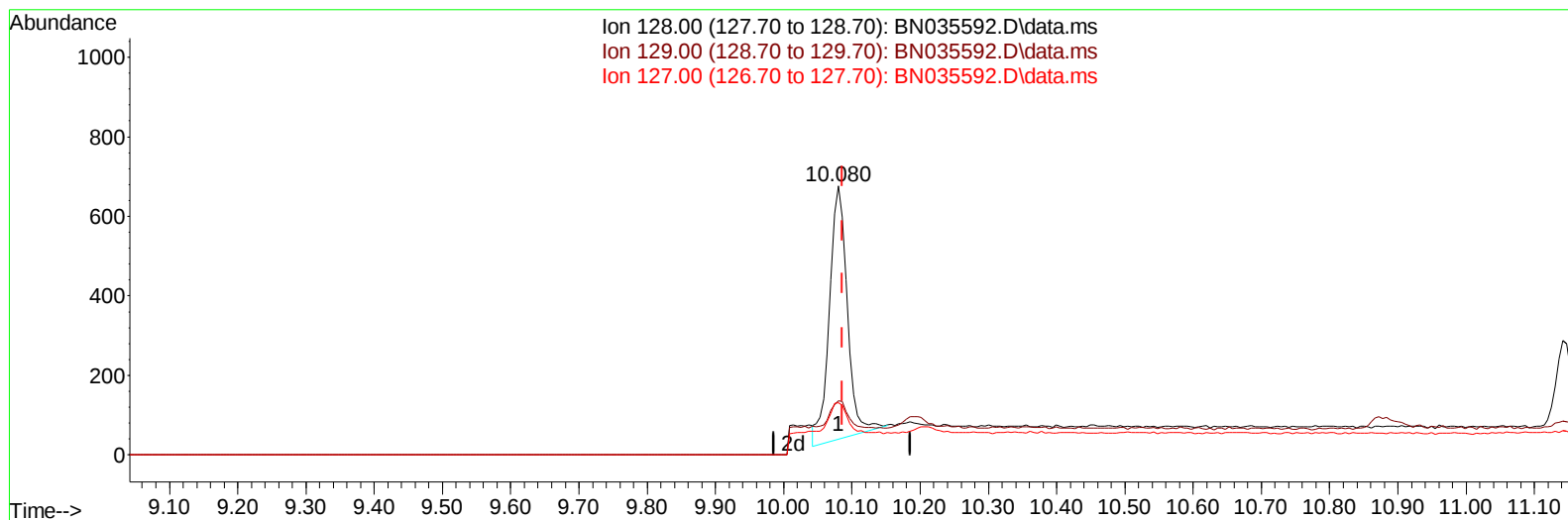
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
Data File : BN035592.D
Acq On : 13 Dec 2024 12:07
Operator : RC/JU
Sample : P5153-13DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28Q0DL

Manual IntegrationsAPPROVED

Quant Time: Dec 13 15:01:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 10 16:10:57 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



TIC: BN035592.D\data.ms

(5) Naphthalene

10.080min (-0.005) 0.08 ng/u1

response 1153

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	12.40	20.12#
127.00	14.30	19.38#
0.00	0.00	0.00

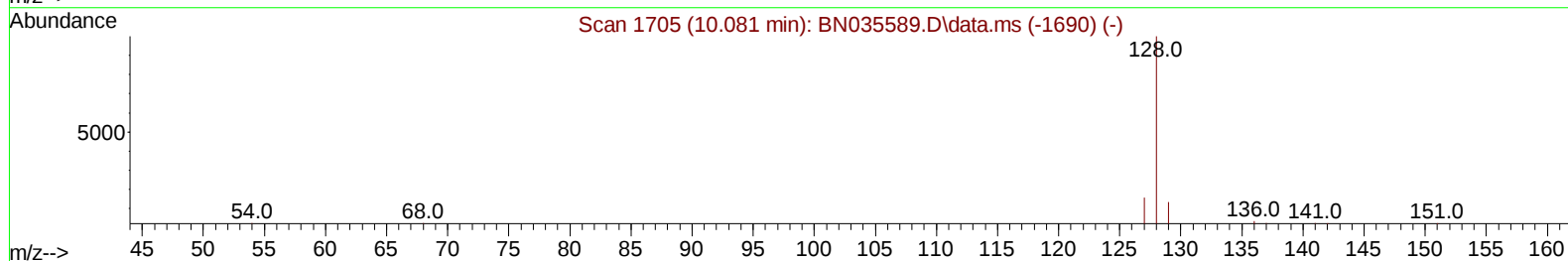
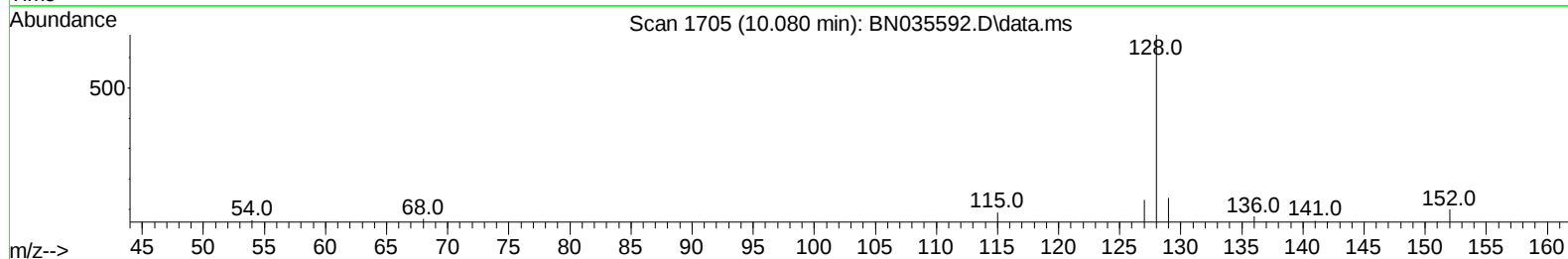
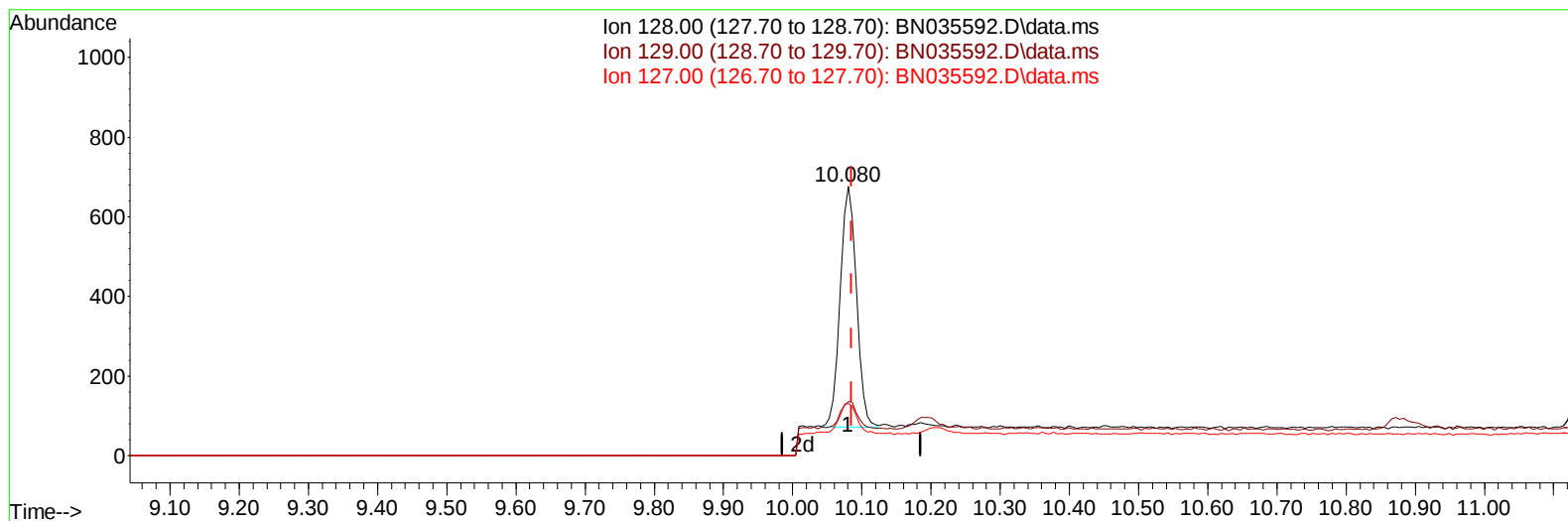
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
Data File : BN035592.D
Acq On : 13 Dec 2024 12:07
Operator : RC/JU
Sample : P5153-13DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28Q0DL

Manual IntegrationsAPPROVED

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QLast Update : Tue Dec 10 16:10:57 2024
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Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



TIC: BN035592.D\data.ms

(5) Naphthalene

10.080min (-0.005) 0.07 ng/ul m

response 988

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	12.40	20.12#
127.00	14.30	19.38#
0.00	0.00	0.00

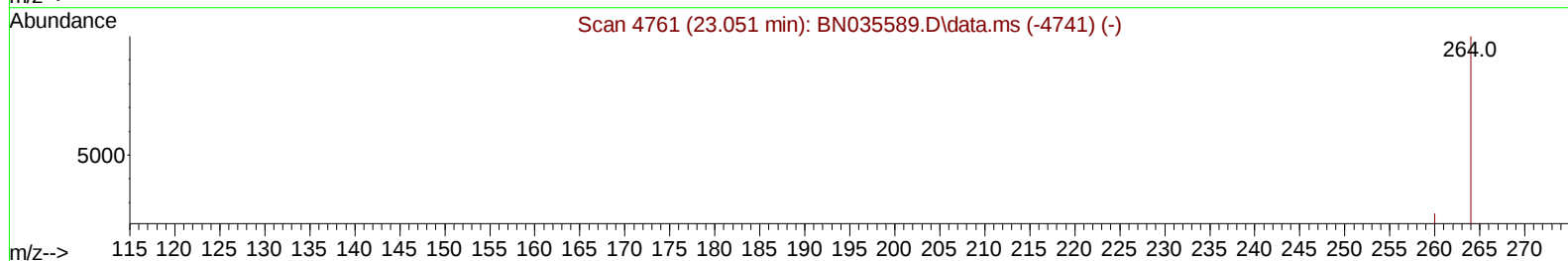
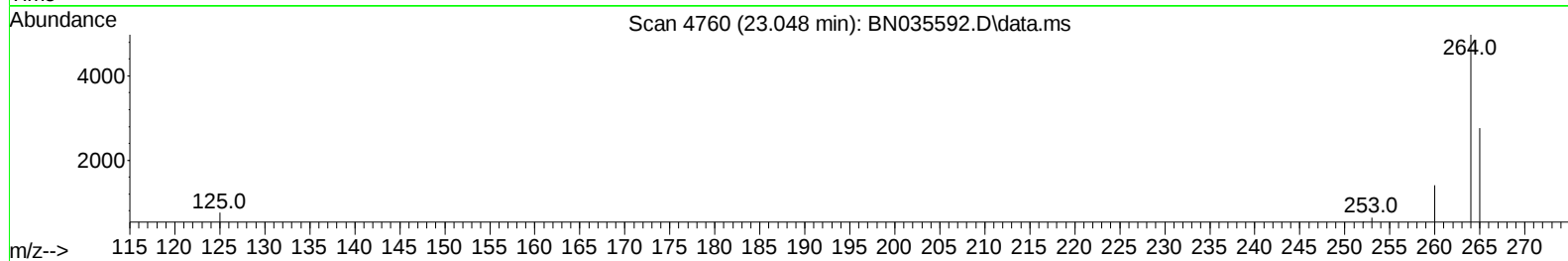
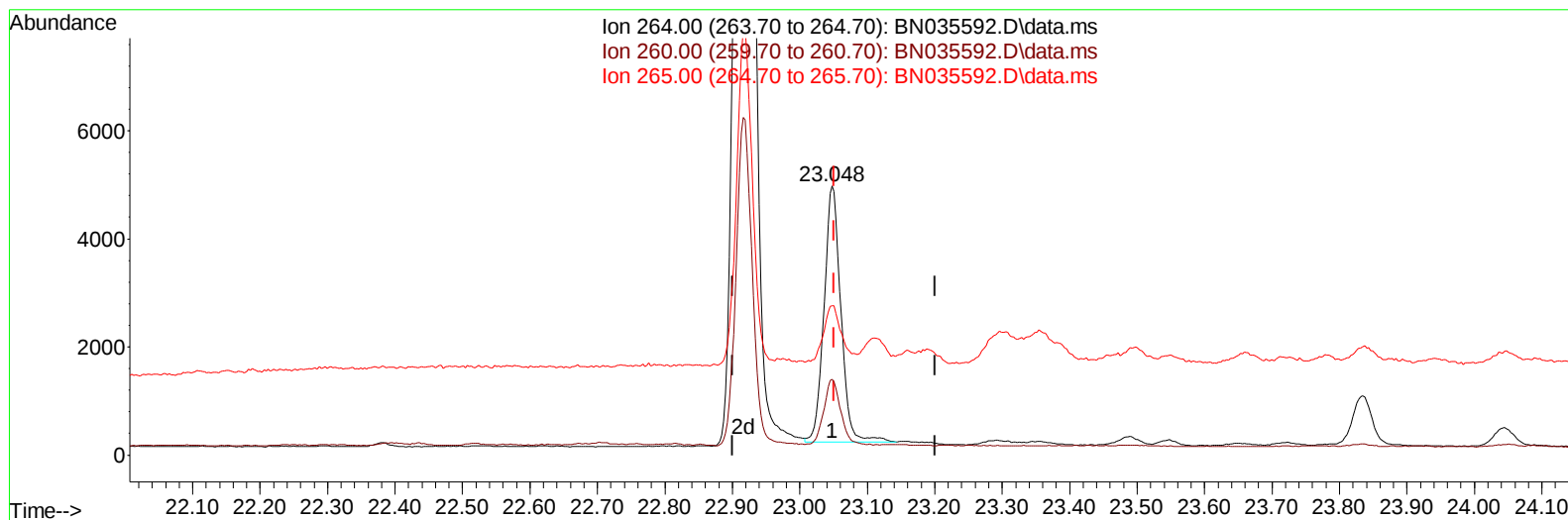
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
Data File : BN035592.D
Acq On : 13 Dec 2024 12:07
Operator : RC/JU
Sample : P5153-13DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28Q0DL

Manual IntegrationsAPPROVED

Quant Time: Dec 13 15:01:25 2024
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TIC: BN035592.D\data.ms

(23) Perylene-d12 (I)

23.048min (-0.003) 0.40 ng/u1

response 8262

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.20	28.28
265.00	75.50	55.47#
0.00	0.00	0.00

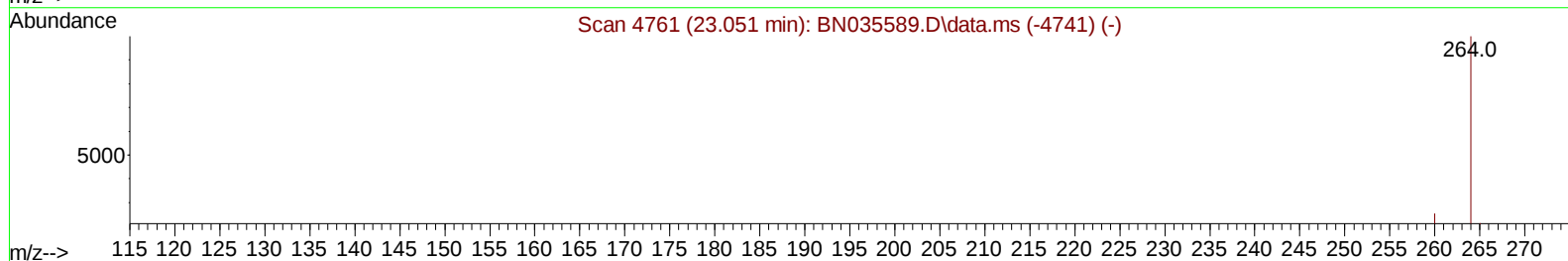
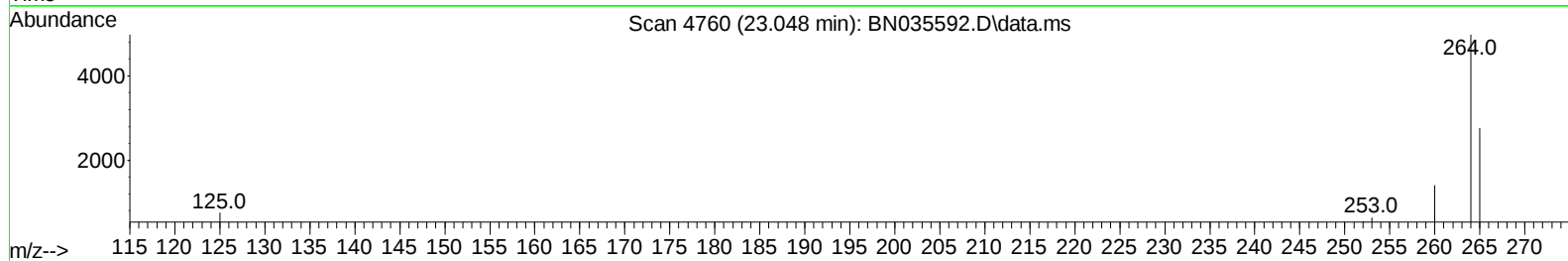
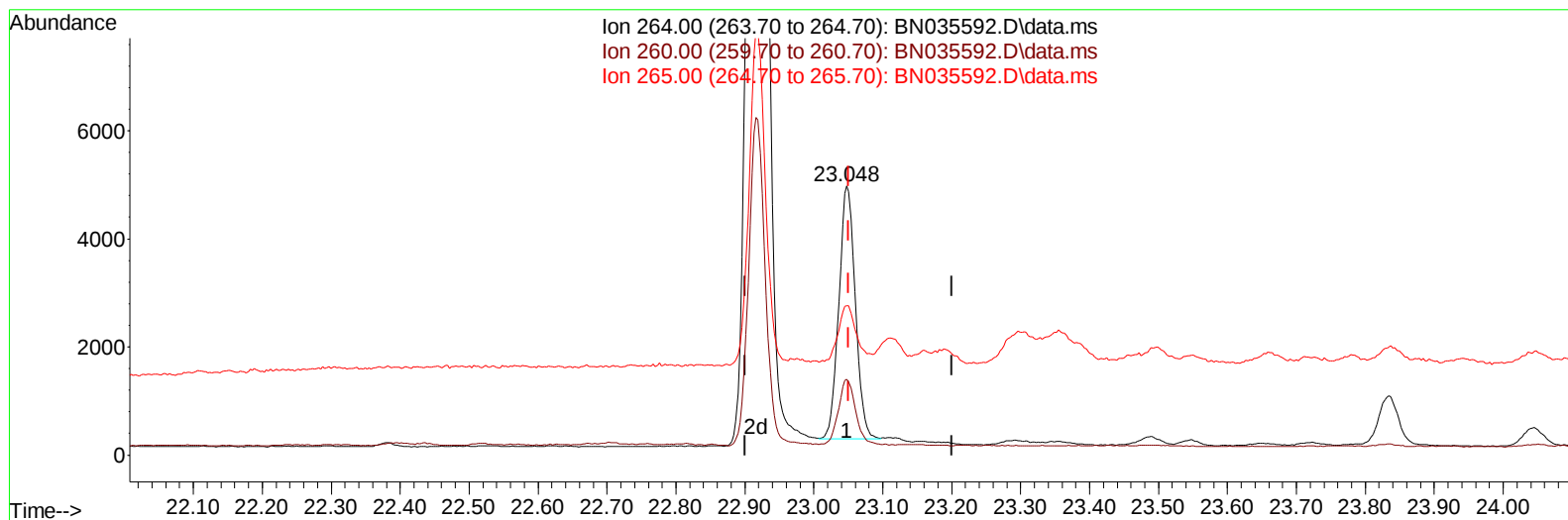
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
Data File : BN035592.D
Acq On : 13 Dec 2024 12:07
Operator : RC/JU
Sample : P5153-13DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28Q0DL

Manual IntegrationsAPPROVED

Quant Time: Dec 13 15:01:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 10 16:10:57 2024
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Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



TIC: BN035592.D\data.ms

(23) Perylene-d12 (I)

23.048min (-0.003) 0.40 ng/ul m

response 7773

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.20	28.28
265.00	75.50	55.47#
0.00	0.00	0.00

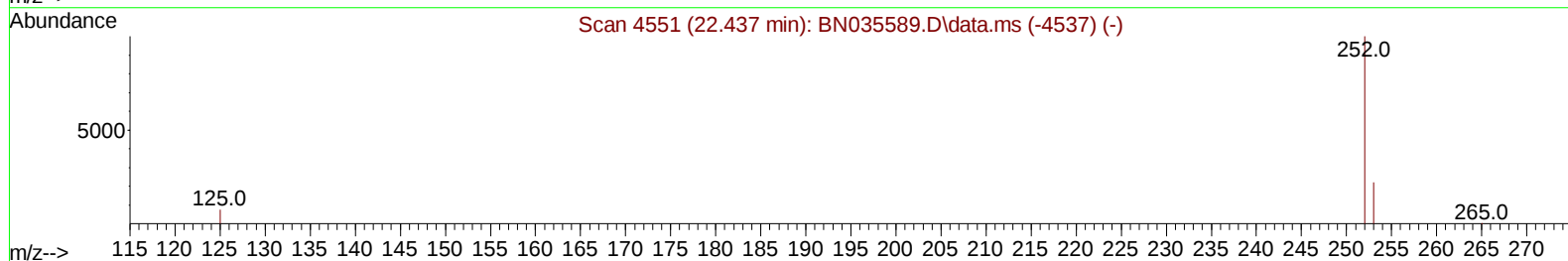
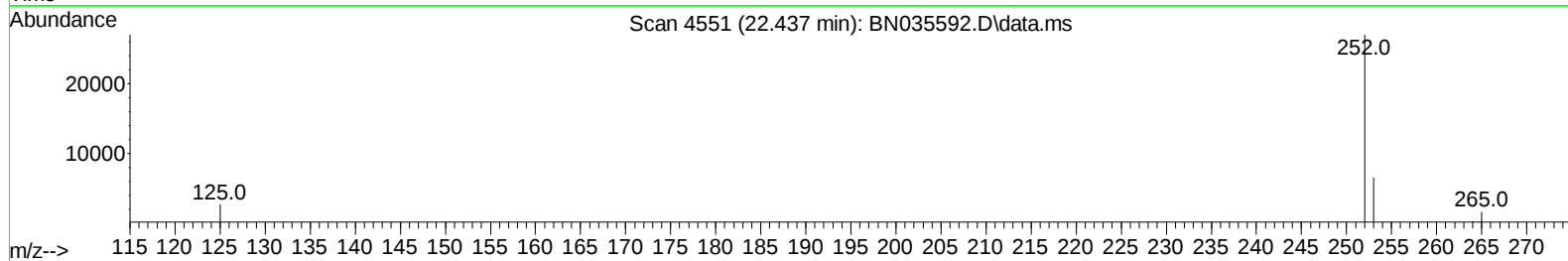
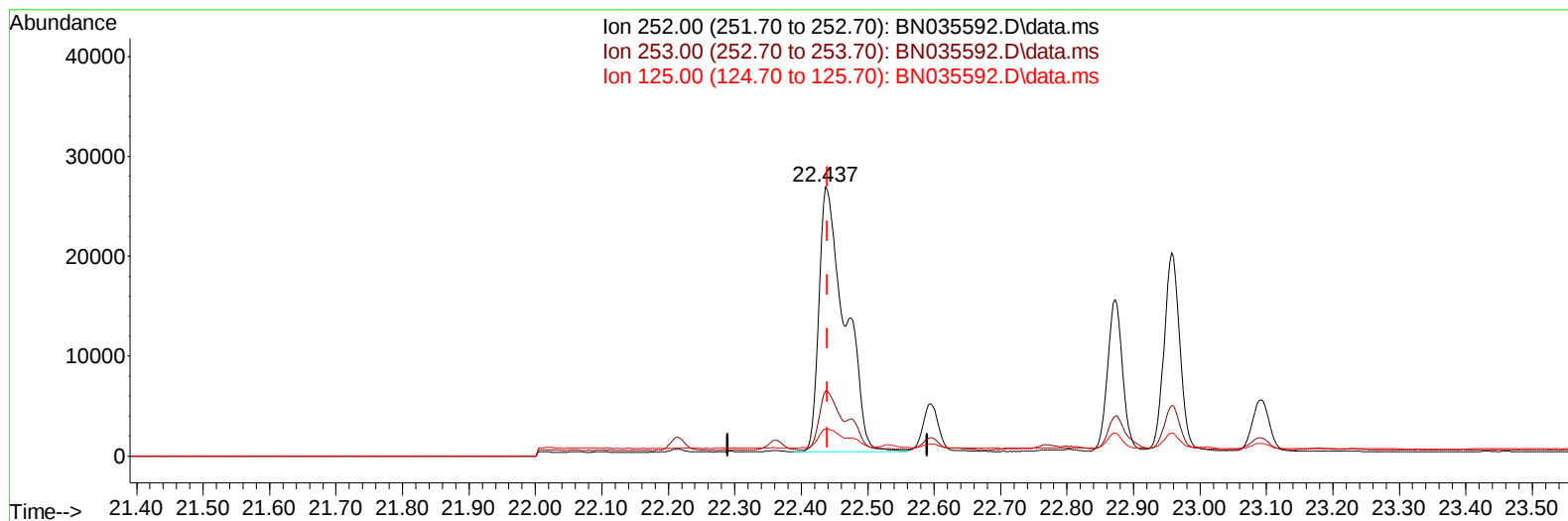
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
Data File : BN035592.D
Acq On : 13 Dec 2024 12:07
Operator : RC/JU
Sample : P5153-13DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28Q0DL

Manual IntegrationsAPPROVED

Quant Time: Dec 13 15:01:25 2024
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TIC: BN035592.D\data.ms

(24) Benzo(b)fluoranthene

22.437min (-0.003) 2.82 ng/u1

response 72411

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	24.24
125.00	9.70	10.08
0.00	0.00	0.00

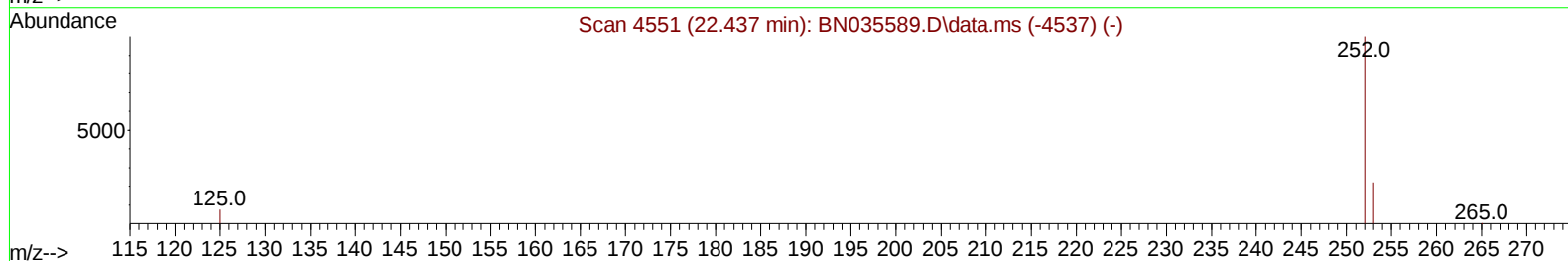
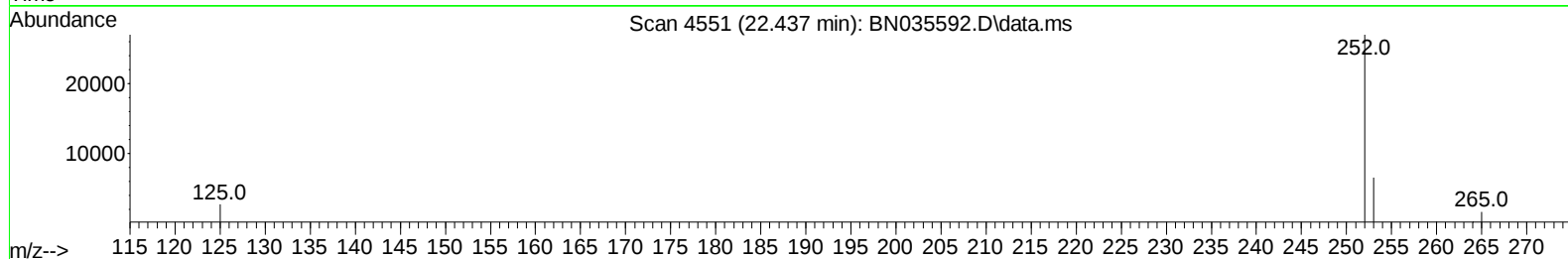
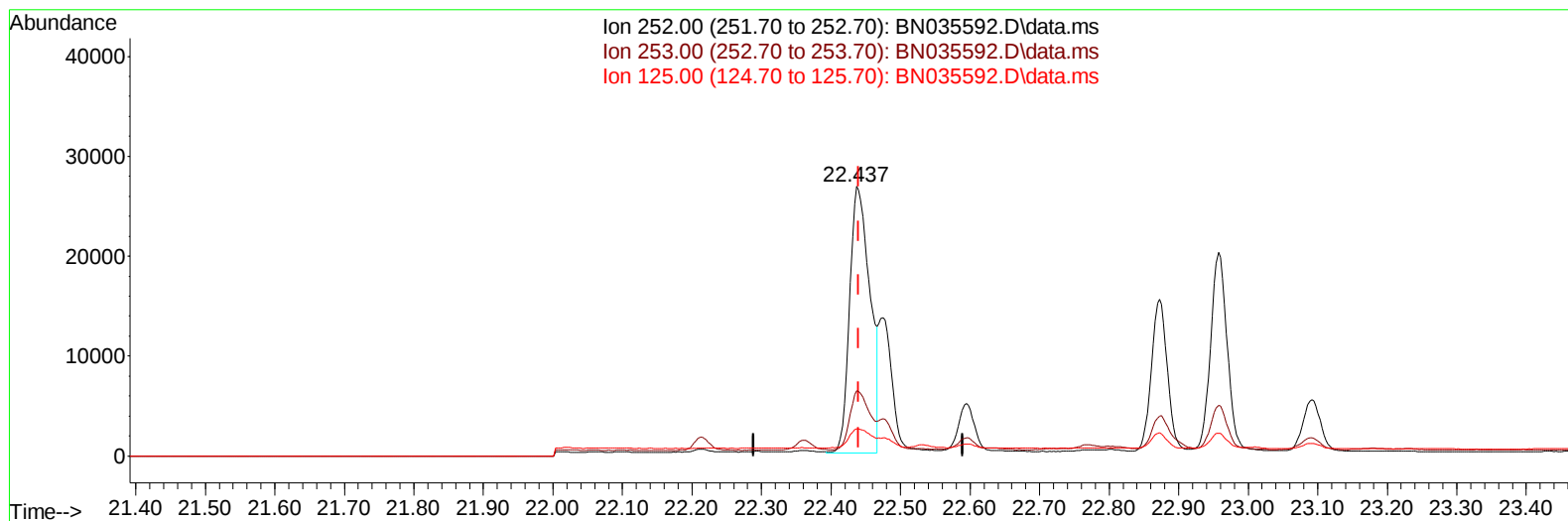
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
Data File : BN035592.D
Acq On : 13 Dec 2024 12:07
Operator : RC/JU
Sample : P5153-13DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28Q0DL

Manual IntegrationsAPPROVED

Quant Time: Dec 13 15:01:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 10 16:10:57 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



TIC: BN035592.D\data.ms

(24) Benzo(b)fluoranthene

22.437min (-0.003) 2.11 ng/u1 m

response 54256

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	24.24
125.00	9.70	10.08
0.00	0.00	0.00

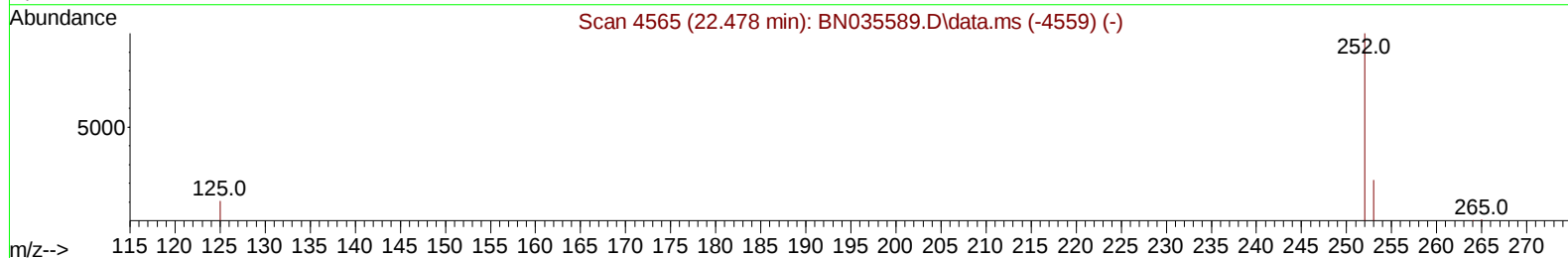
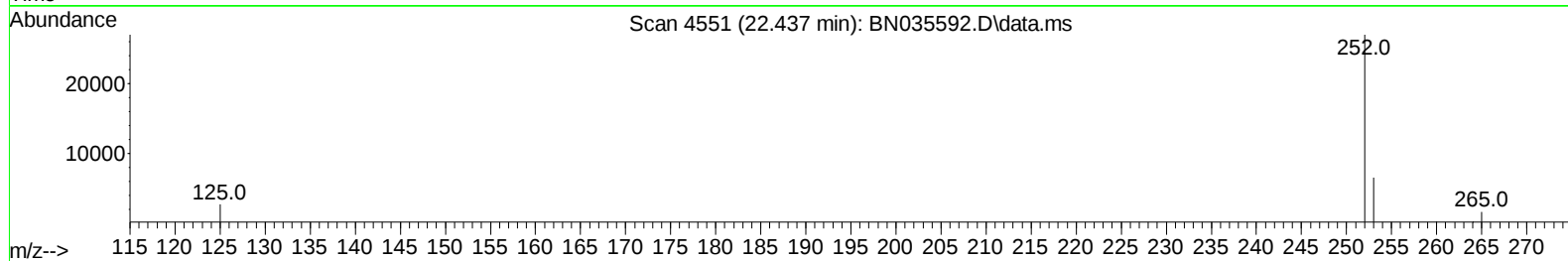
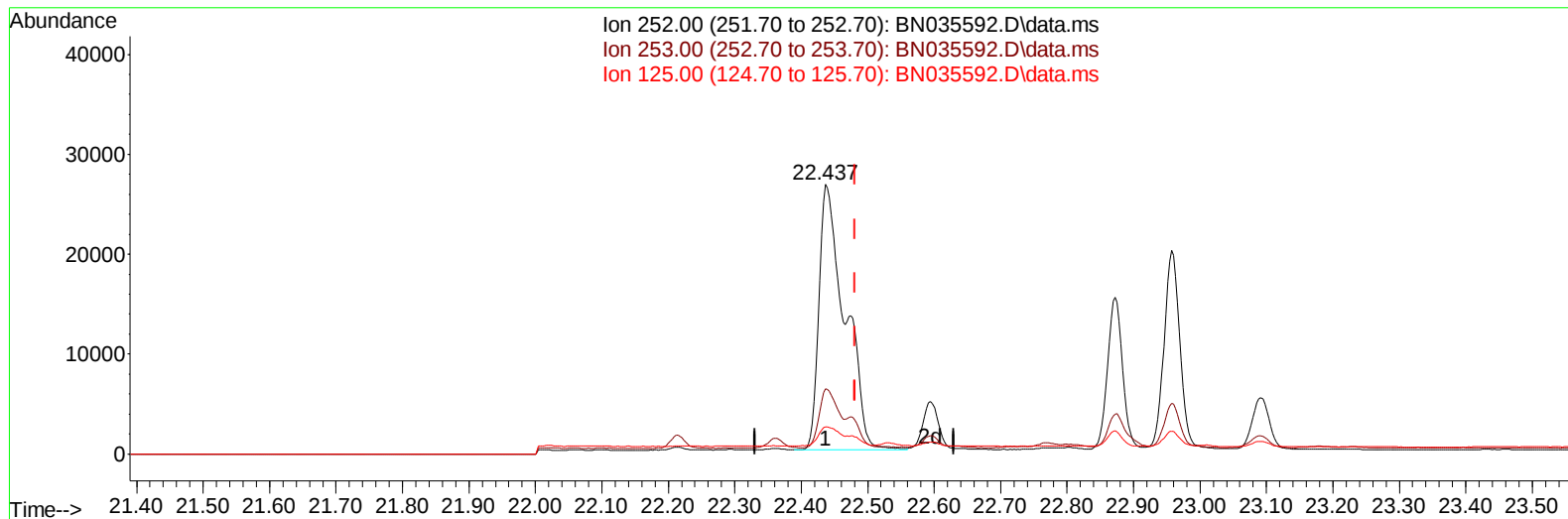
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
Data File : BN035592.D
Acq On : 13 Dec 2024 12:07
Operator : RC/JU
Sample : P5153-13DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28Q0DL

Manual IntegrationsAPPROVED

Quant Time: Dec 13 15:01:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 10 16:10:57 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



TIC: BN035592.D\data.ms

(25) Benzo(k)fluoranthene

22.437min (-0.044) 2.73 ng/u1

response 72411

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	24.24
125.00	10.70	10.08
0.00	0.00	0.00

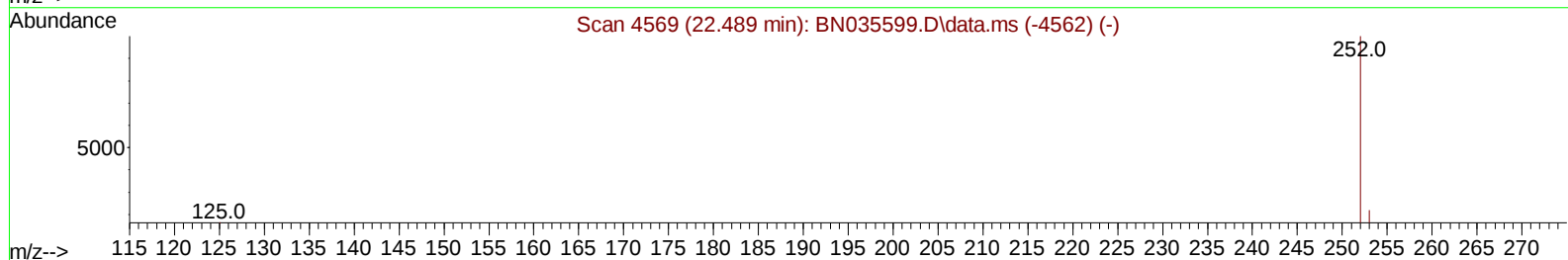
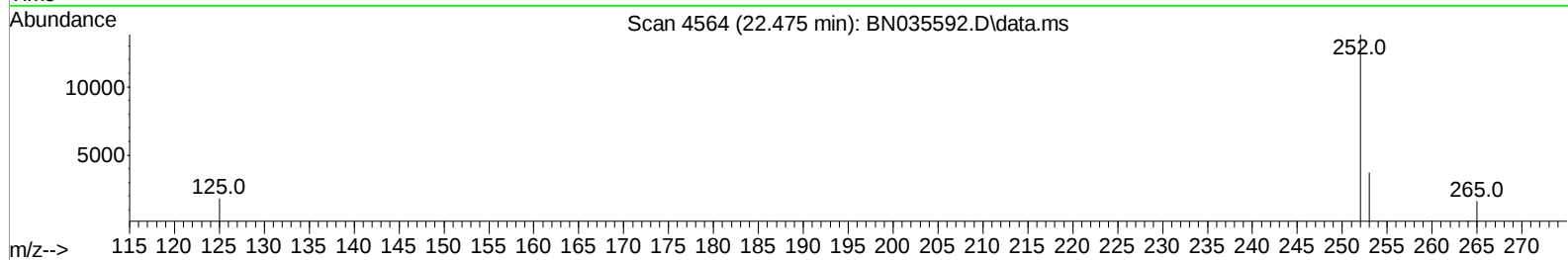
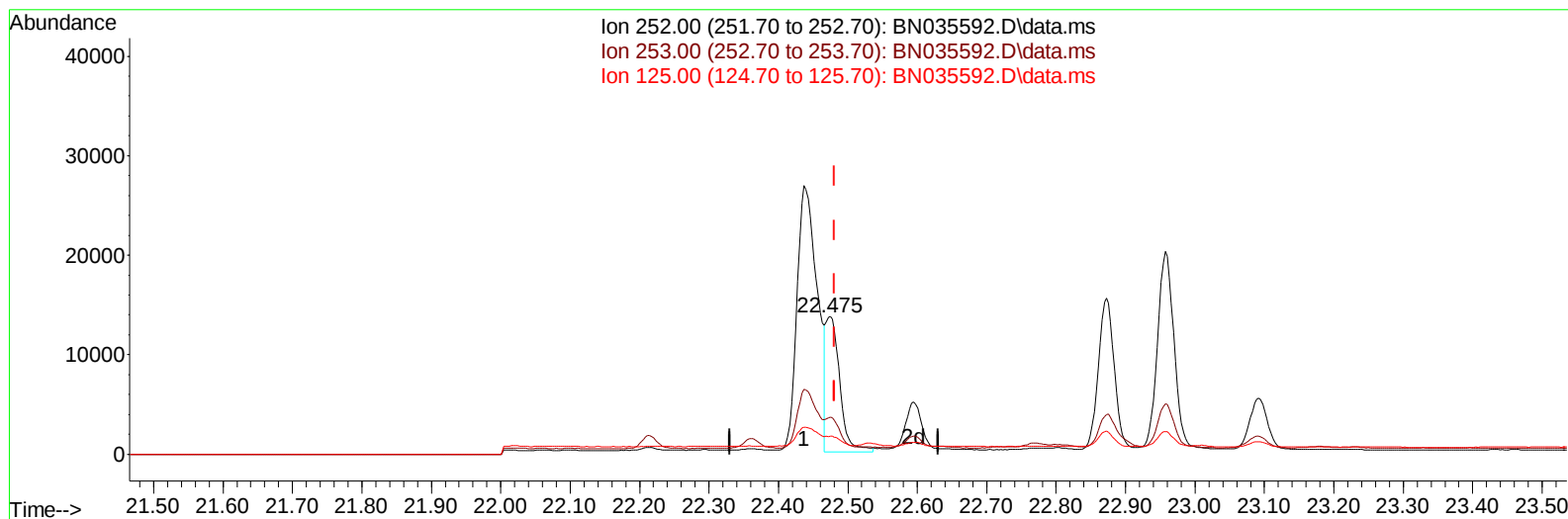
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
Data File : BN035592.D
Acq On : 13 Dec 2024 12:07
Operator : RC/JU
Sample : P5153-13DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28Q0DL

Manual IntegrationsAPPROVED

Quant Time: Dec 13 15:01:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 10 16:10:57 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



TIC: BN035592.D\data.ms

(25) Benzo(k)fluoranthene

22.475min (-0.006) 0.71 ng/u1 m

response 18892

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	26.88
125.00	10.70	13.23#
0.00	0.00	0.00

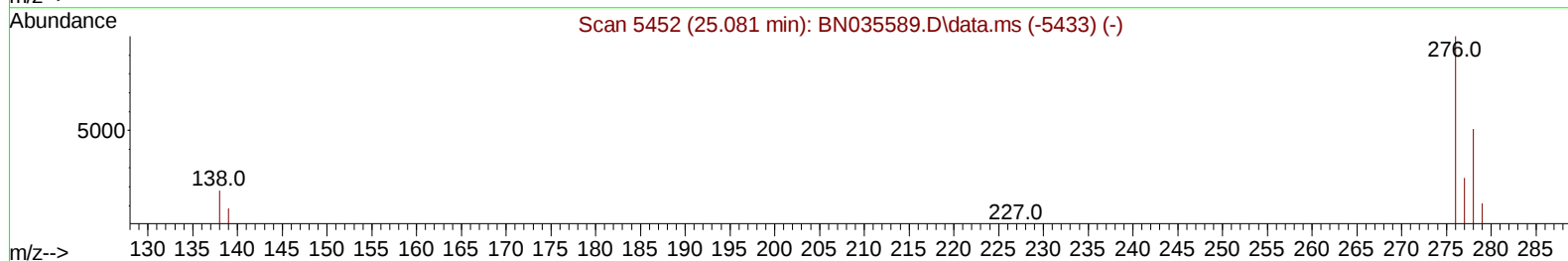
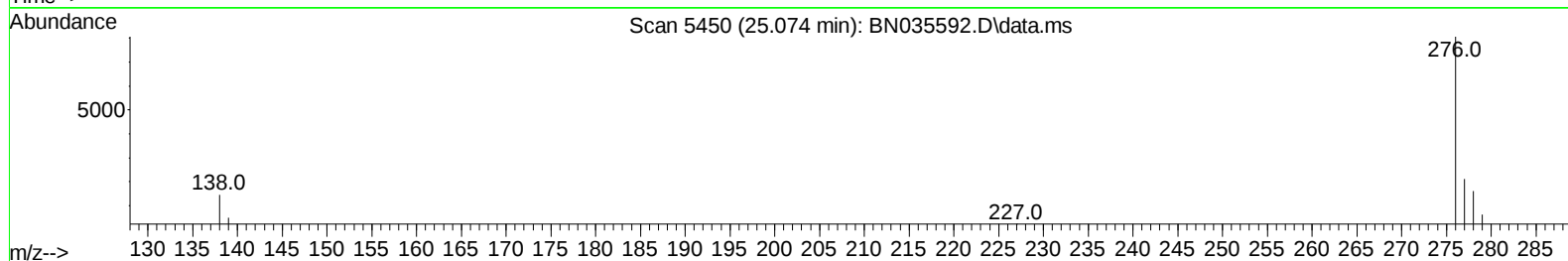
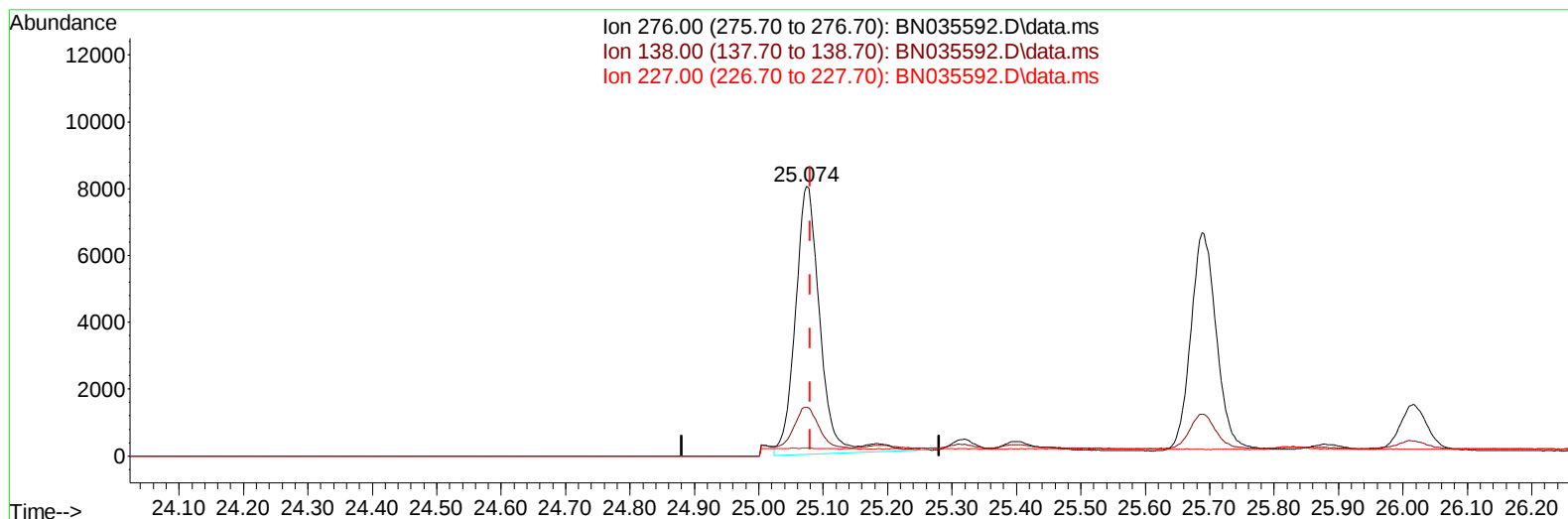
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
Data File : BN035592.D
Acq On : 13 Dec 2024 12:07
Operator : RC/JU
Sample : P5153-13DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28Q0DL

Manual IntegrationsAPPROVED

Quant Time: Dec 13 15:01:25 2024
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TIC: BN035592.D\data.ms

(27) Indeno(1,2,3-cd)pyrene

25.074min (-0.007) 0.68 ng/u1

response 21543

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.30	22.86#
227.00	0.30	15.93#
0.00	0.00	0.00

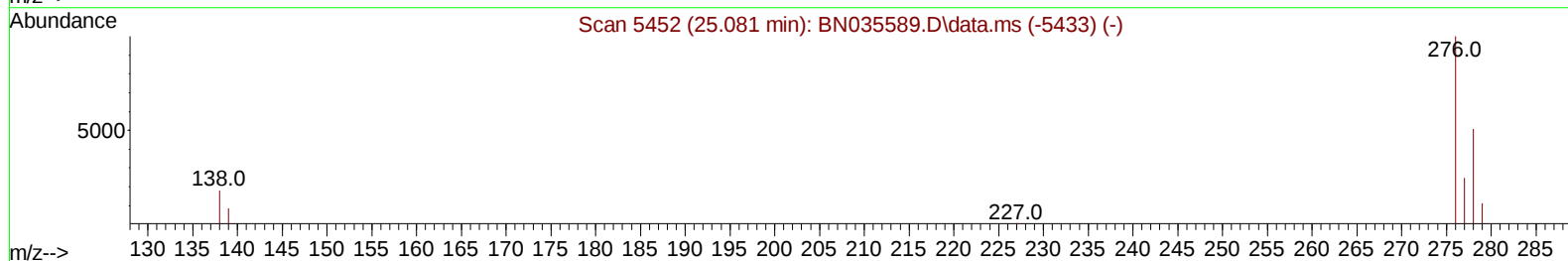
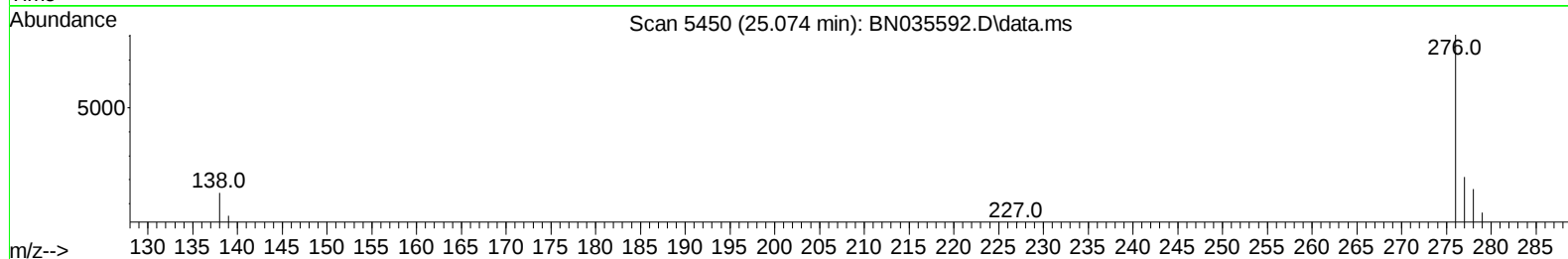
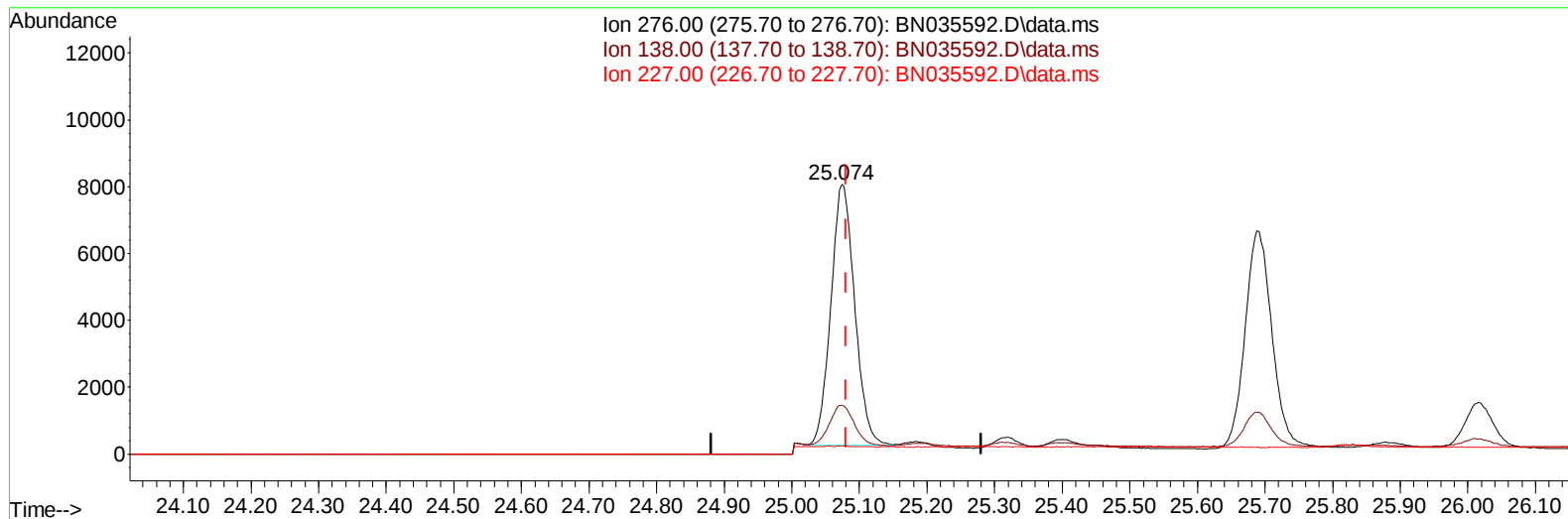
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
Data File : BN035592.D
Acq On : 13 Dec 2024 12:07
Operator : RC/JU
Sample : P5153-13DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28Q0DL

Manual IntegrationsAPPROVED

Quant Time: Dec 13 15:01:25 2024
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TIC: BN035592.D\data.ms

(27) Indeno(1,2,3-cd)pyrene

25.074min (-0.007) 0.60 ng/ul m

response 19131

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.30	25.74#
227.00	0.30	17.94#
0.00	0.00	0.00

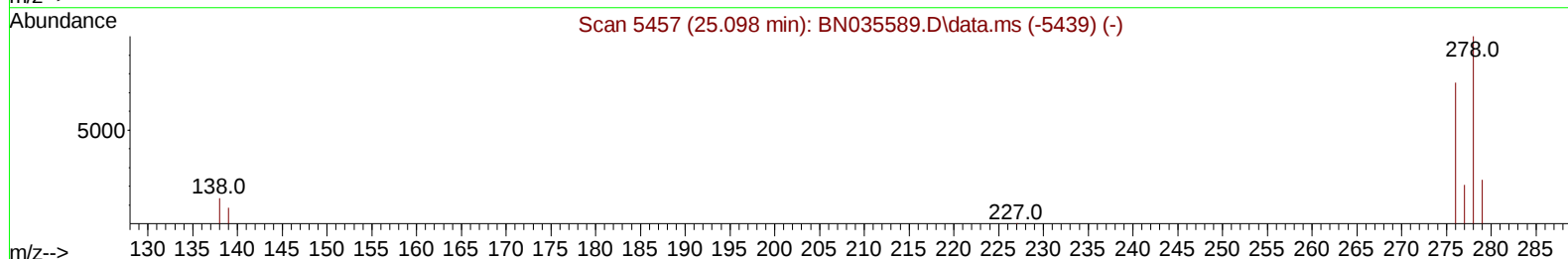
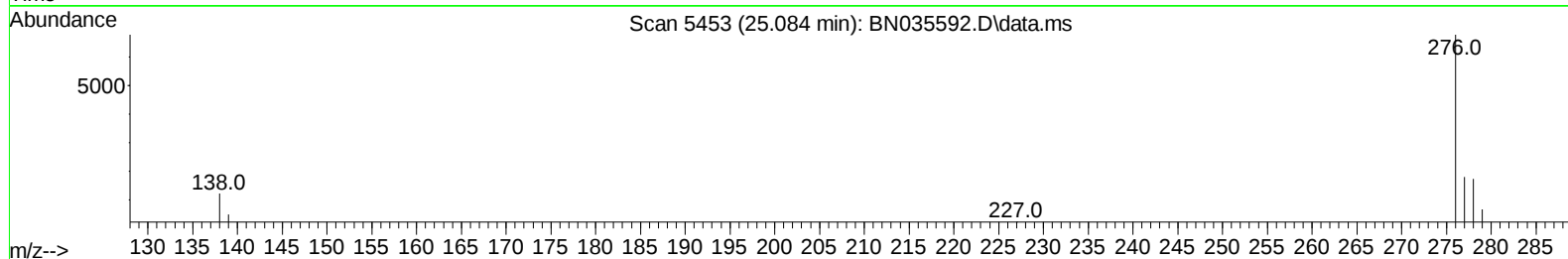
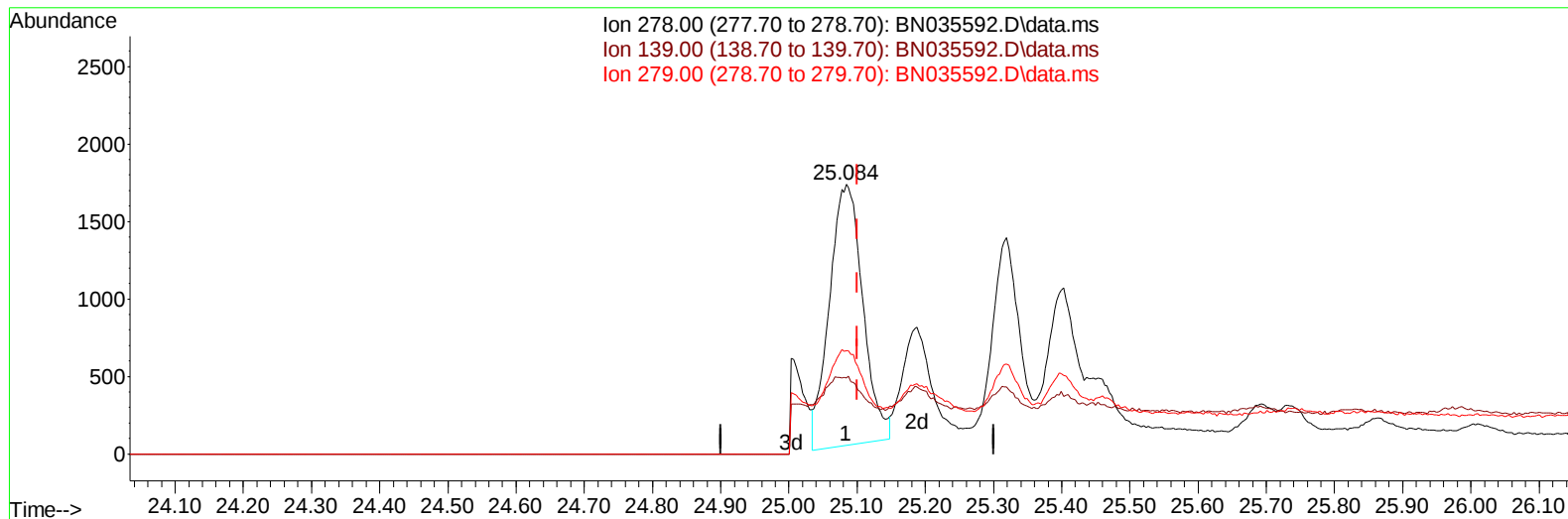
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
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ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 12/14/2024
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TIC: BN035592.D\data.ms

(28) Dibenzo(a,h)anthracene

25.084min (-0.017) 0.23 ng/u1

response 5752

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.40	28.12#
279.00	28.50	38.30#
0.00	0.00	0.00

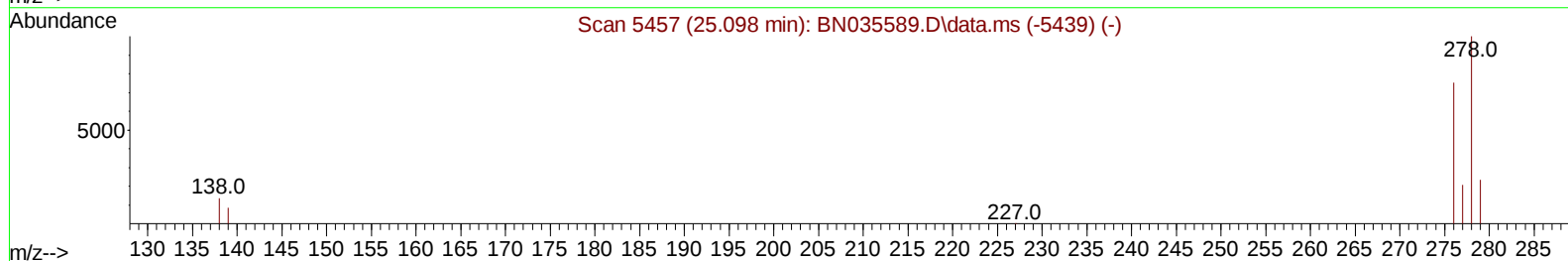
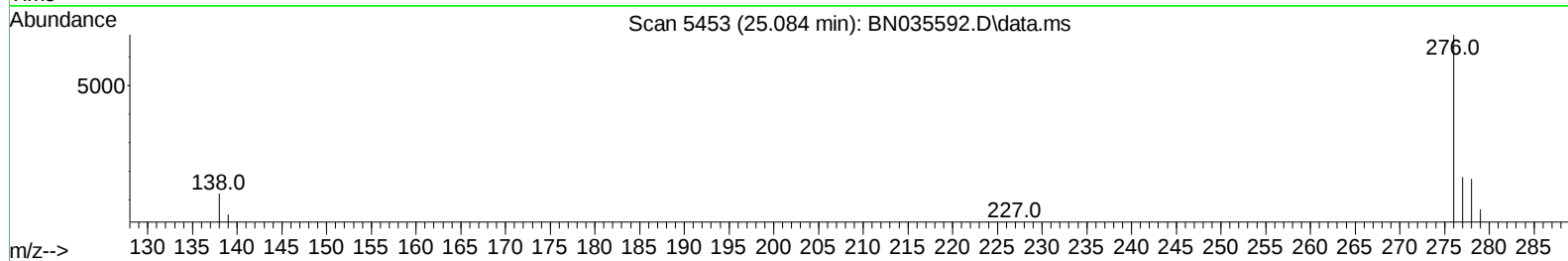
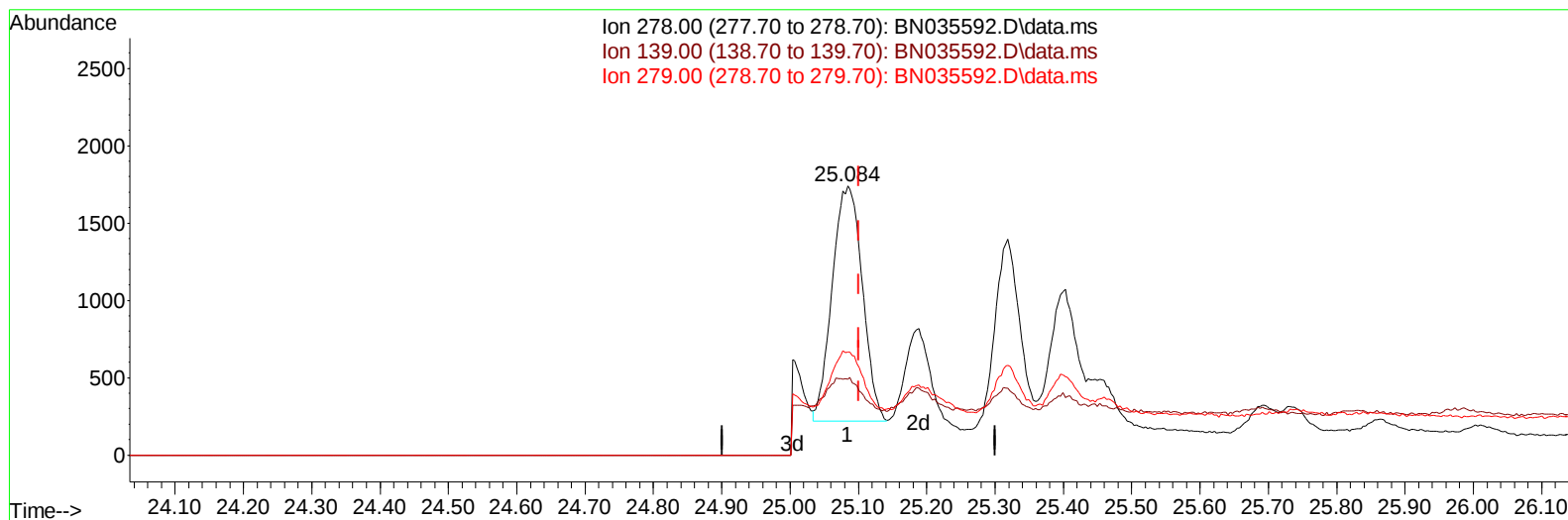
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
Data File : BN035592.D
Acq On : 13 Dec 2024 12:07
Operator : RC/JU
Sample : P5153-13DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28Q0DL

Manual IntegrationsAPPROVED

Quant Time: Dec 13 15:01:25 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



TIC: BN035592.D\data.ms

(28) Dibenzo(a,h)anthracene

25.084min (-0.017) 0.19 ng/ul m

response 4651

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.40	28.12#
279.00	28.50	38.30#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
 Data File : BN035592.D
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 Operator : RC/JU
 Sample : P5153-13DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28Q0DL

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 12/14/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.288	152	1799	0.400	ng/ul	0.00
4) Naphthalene-d8	10.031	136	5436	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	13.949	164	3654	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.713	188	8379	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.961	240	7998	0.400	ng/ul	# 0.00
23) Perylene-d12	23.048	264	7773m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.959	96	1370	0.833	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.637	152	324	0.041	ng/ul	0.00
18) Fluoranthene-d10	18.768	212	738	0.033	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.080	128	988m	0.072	ng/ul	
7) 2-Methylnaphthalene	11.714	142	802	0.084	ng/ul	98
8) 1-Methylnaphthalene	11.939	142	623	0.065	ng/ul	95
10) Acenaphthylene	13.662	152	771	0.053	ng/ul#	78
15) Phenanthrene	16.755	178	3294	0.149	ng/ul	94
16) Anthracene	16.848	178	1564	0.076	ng/ul#	88
19) Fluoranthene	18.795	202	43524	1.563	ng/ul	96
20) Pyrene	19.163	202	42665	1.472	ng/ul#	96
21) Benzo(a)anthracene	20.944	228	38666	1.393	ng/ul	98
22) Chrysene	20.996	228	32095	1.149	ng/ul	96
24) Benzo(b)fluoranthene	22.437	252	54256m	2.112	ng/ul	
25) Benzo(k)fluoranthene	22.475	252	18892m	0.713	ng/ul	
26) Benzo(a)pyrene	22.957	252	32866	1.400	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.074	276	19131m	0.603	ng/ul	
28) Dibenzo(a,h)anthracene	25.084	278	4651m	0.187	ng/ul	
29) Benzo(g,h,i)perylene	25.688	276	18333	0.733	ng/ul	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
Data File : BN035592.D
Acq On : 13 Dec 2024 12:07
Operator : RC/JU
Sample : P5153-13DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28Q0DL

Manual IntegrationsAPPROVED

Quant Time: Dec 13 15:01:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 10 16:10:57 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024

