

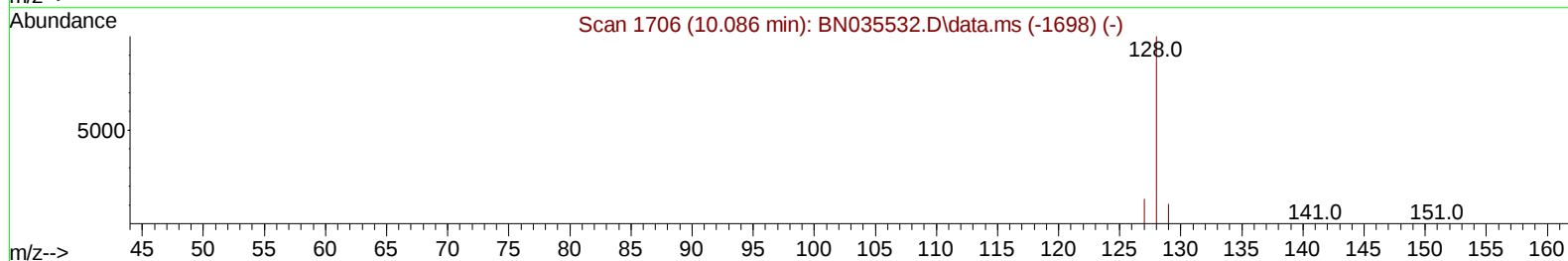
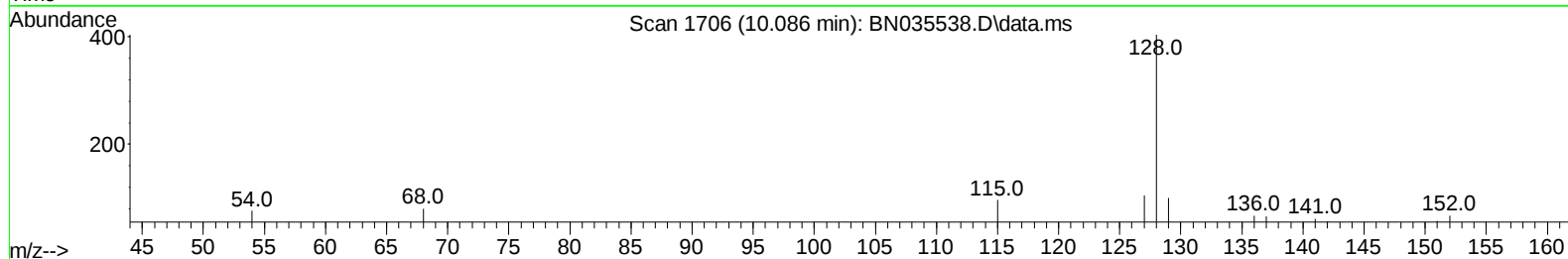
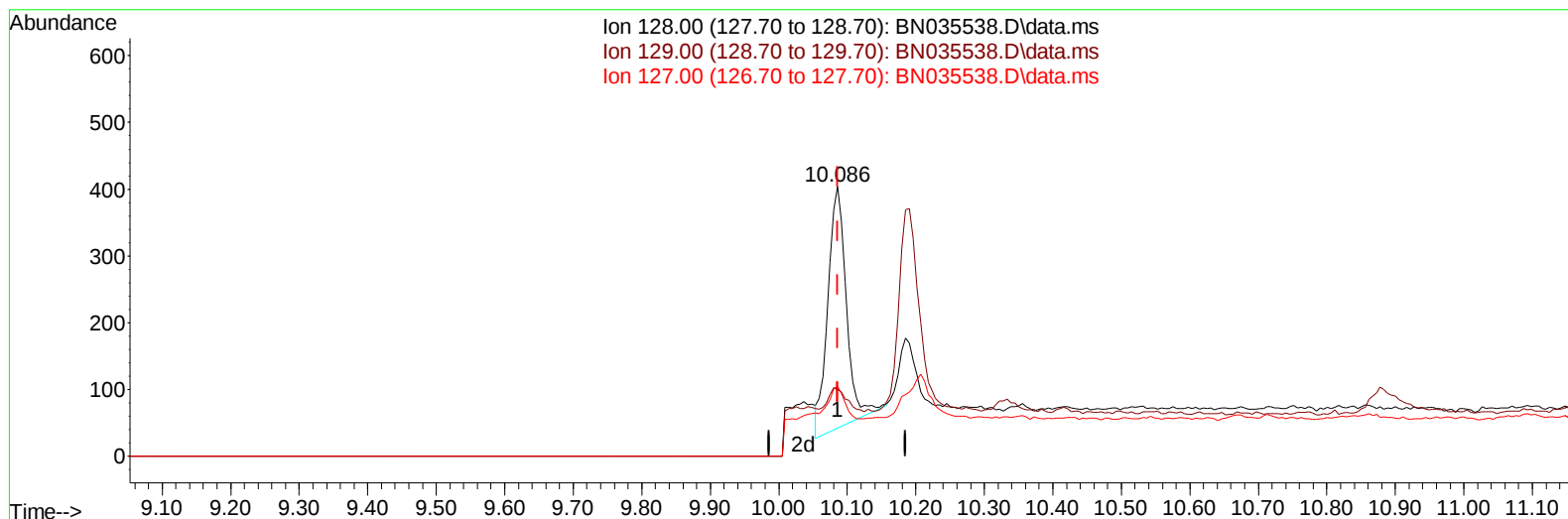
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035538.D
Acq On : 10 Dec 2024 19:06
Operator : RC/JU
Sample : P5066-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28M4

Manual IntegrationsAPPROVED

Quant Time: Dec 10 22:04:58 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 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



TIC: BN035538.D\data.ms

(5) Naphthalene

10.086min (+ 0.000) 0.03 ng/u1

response 678

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	12.40	24.75#
127.00	14.30	25.99#
0.00	0.00	0.00

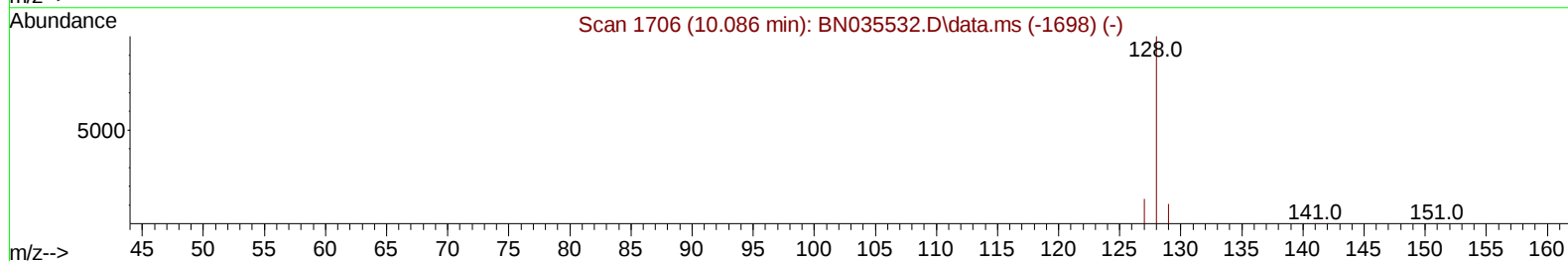
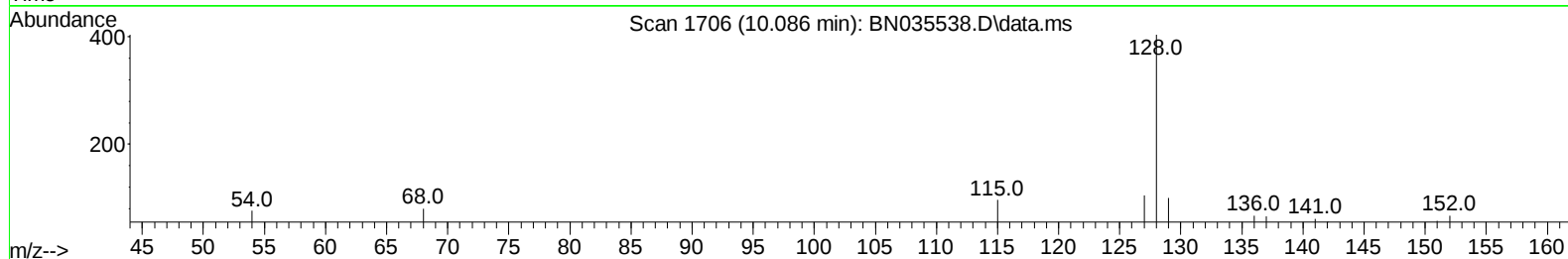
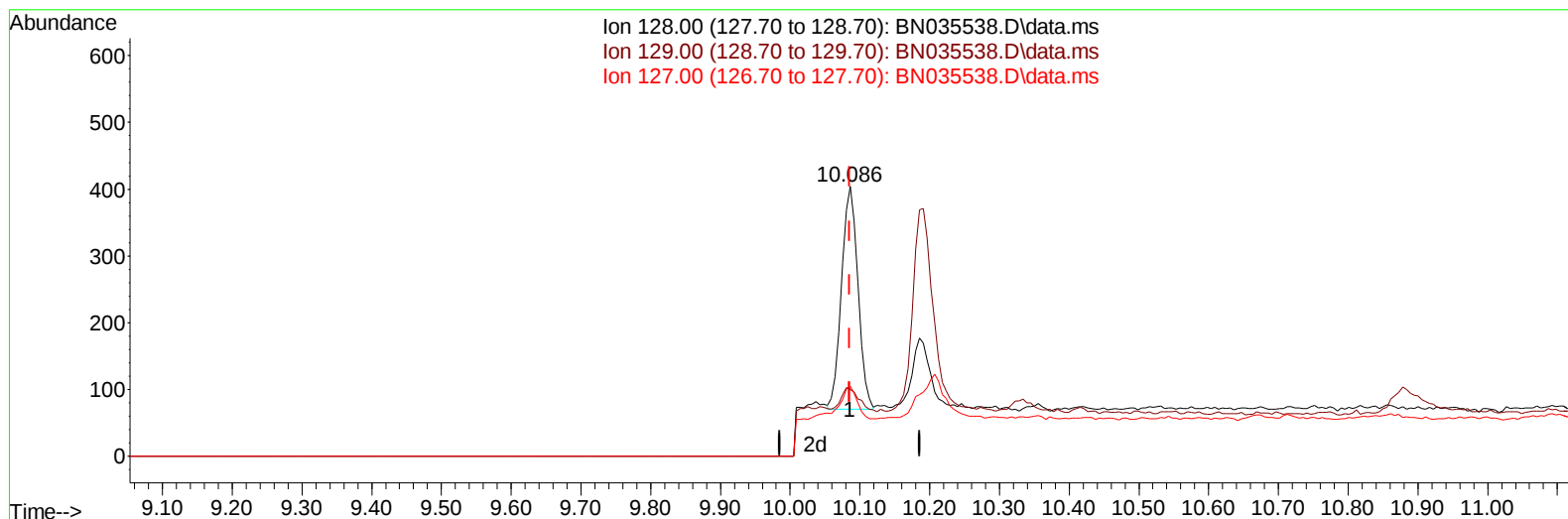
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035538.D
Acq On : 10 Dec 2024 19:06
Operator : RC/JU
Sample : P5066-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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



TIC: BN035538.D\data.ms

(5) Naphthalene

10.086min (+ 0.000) 0.02 ng/ul m

response 549

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	12.40	24.75#
127.00	14.30	25.99#
0.00	0.00	0.00

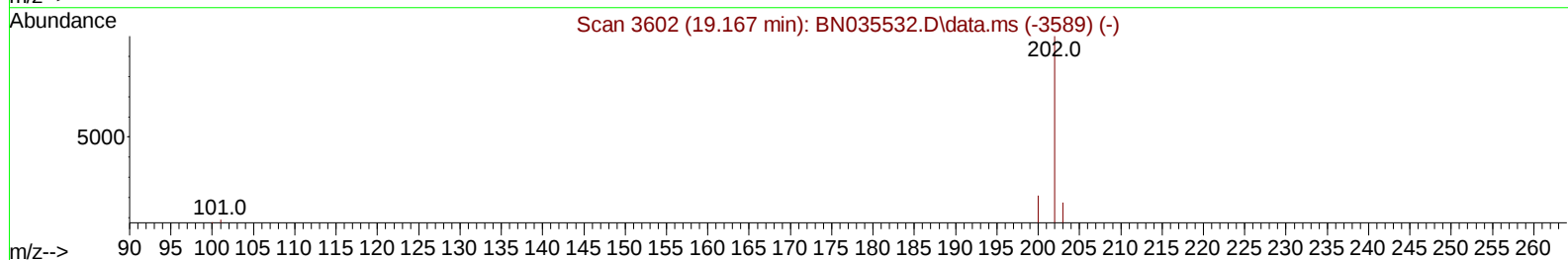
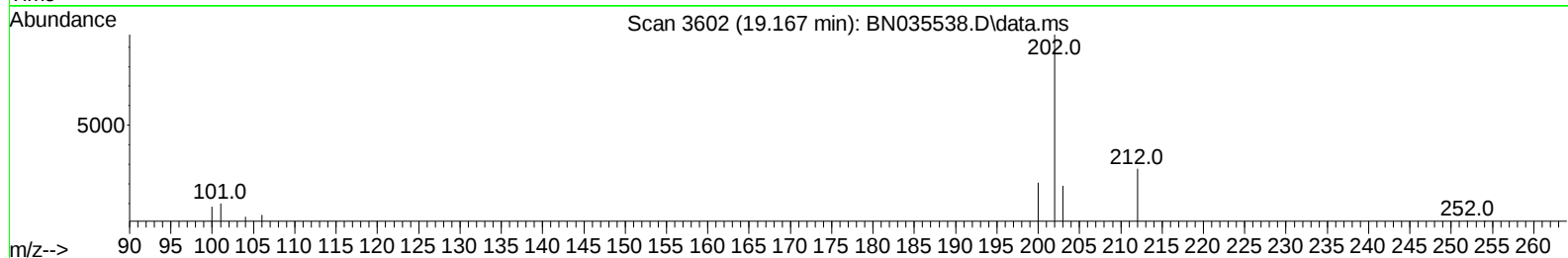
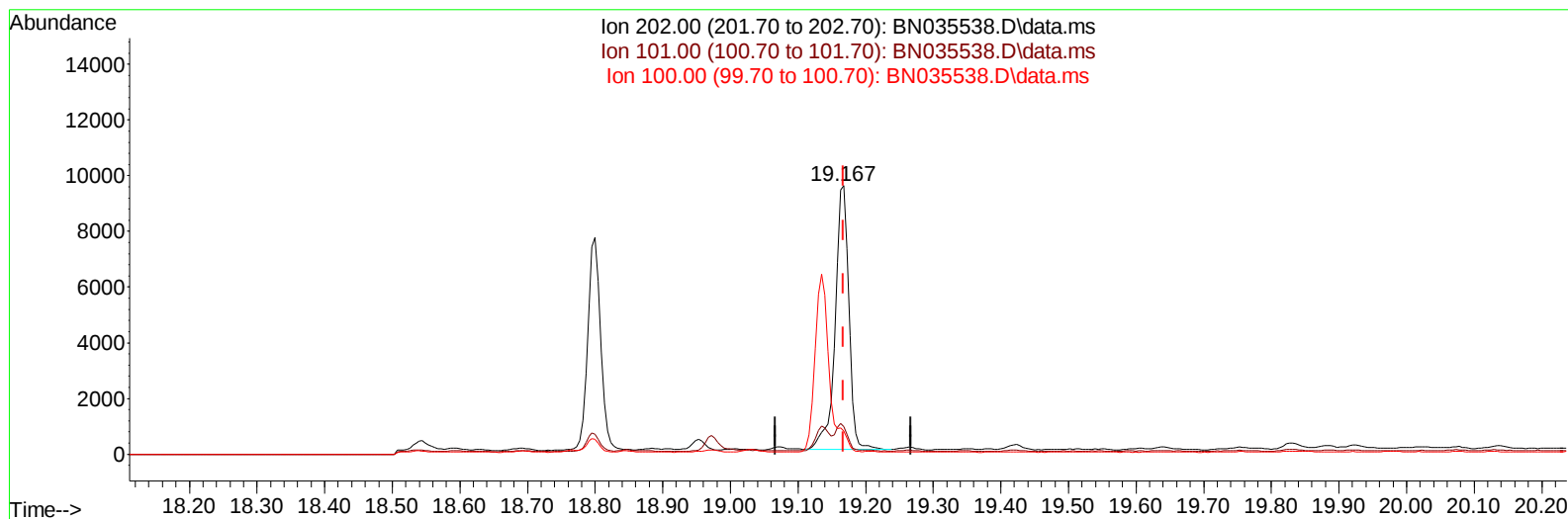
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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TIC: BN035538.D\data.ms

(20) Pyrene

19.167min (+ 0.000) 0.41 ng/u1

response 13469

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	7.80	10.26#
100.00	6.40	8.60#
0.00	0.00	0.00

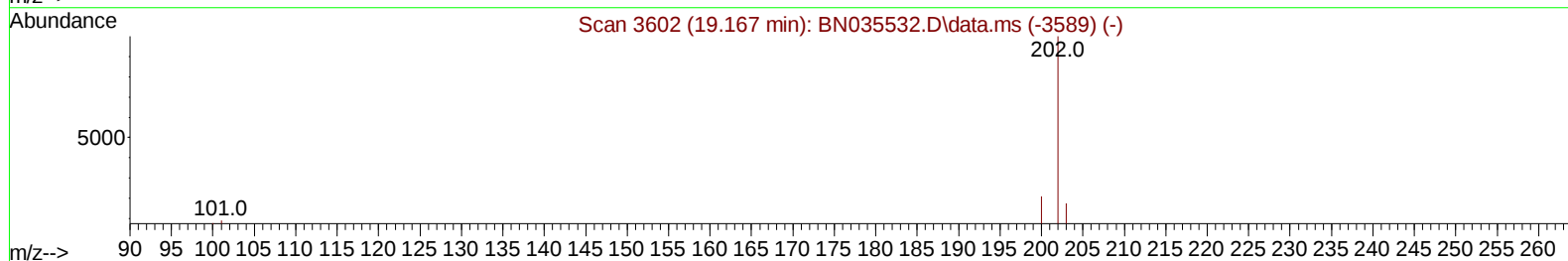
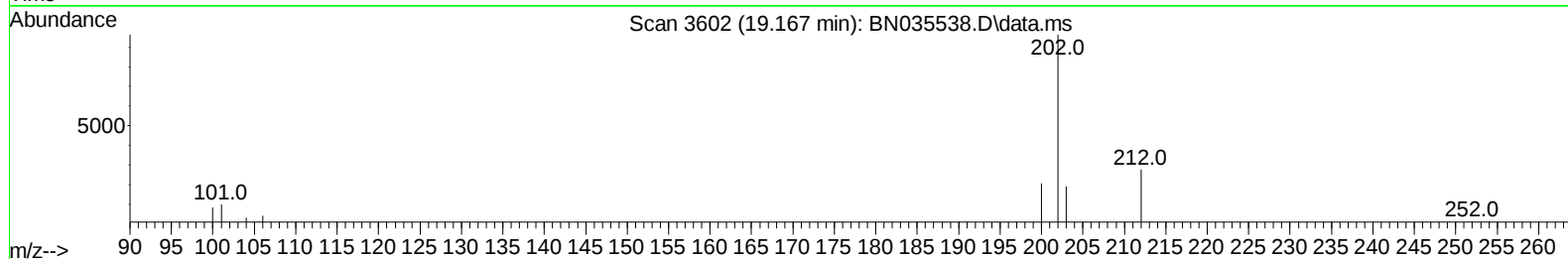
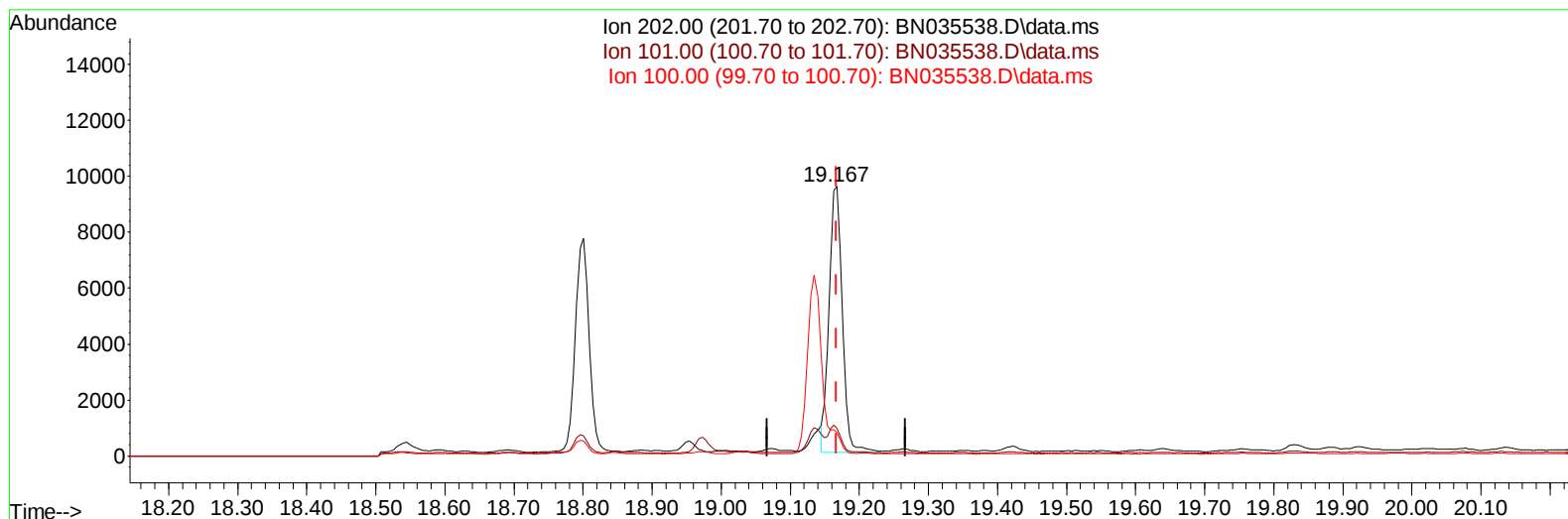
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035538.D
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Misc :
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Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN035538.D\data.ms

(20) Pyrene

19.167min (+ 0.000) 0.39 ng/ul m

response 12846

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	7.80	10.26#
100.00	6.40	8.60#
0.00	0.00	0.00

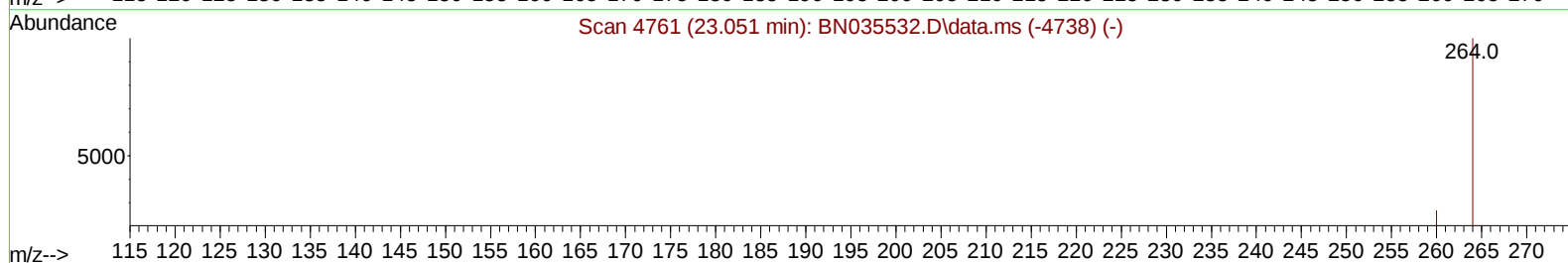
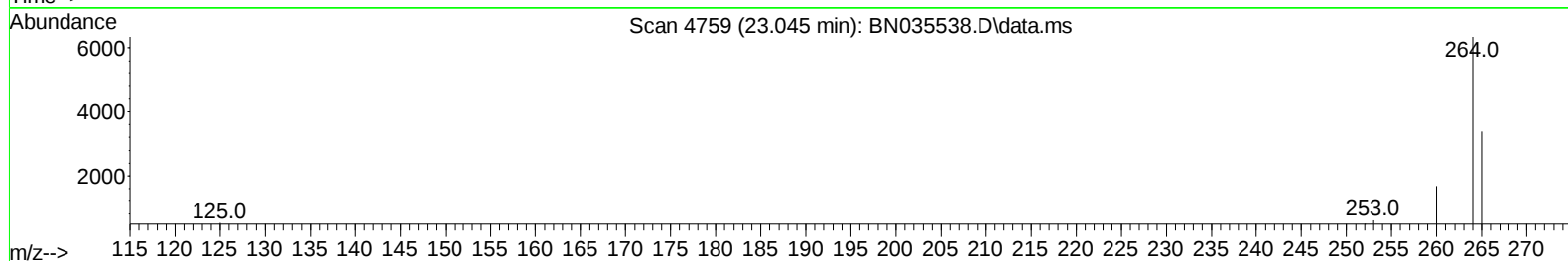
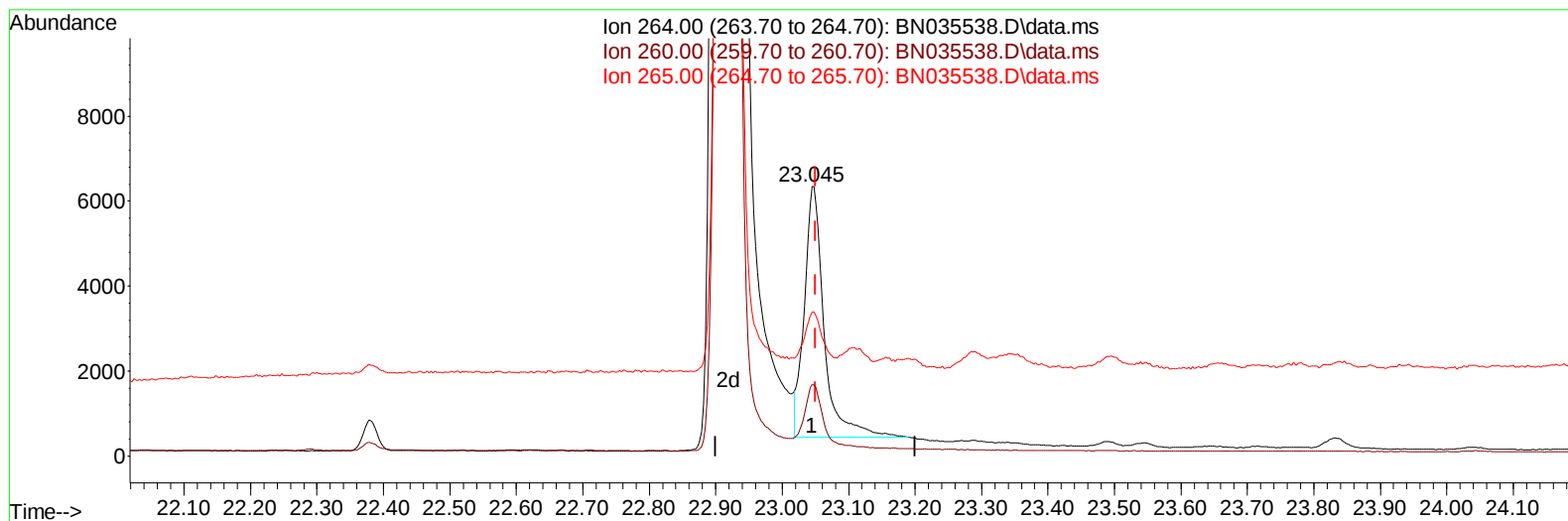
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Sample : P5066-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28M4

Manual IntegrationsAPPROVED

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TIC: BN035538.D\data.ms

(23) Perylene-d12 (I)

23.045min (-0.006) 0.40 ng/u1

response 12335

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.20	26.48
265.00	75.50	53.47#
0.00	0.00	0.00

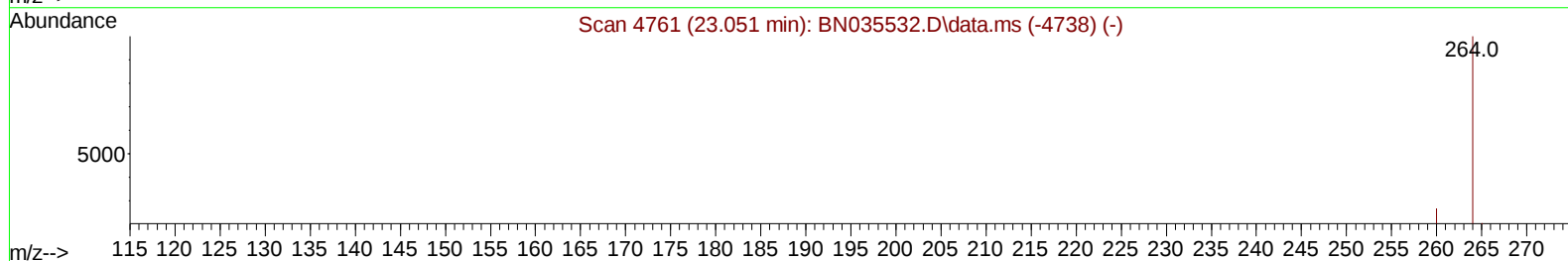
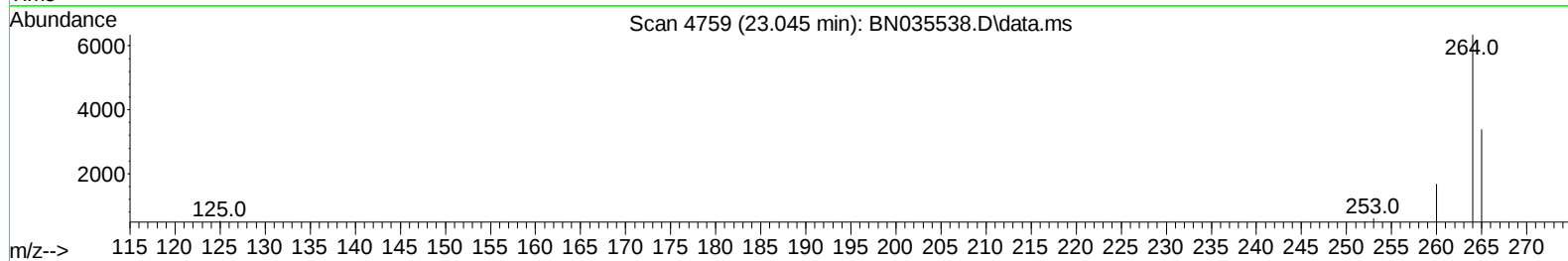
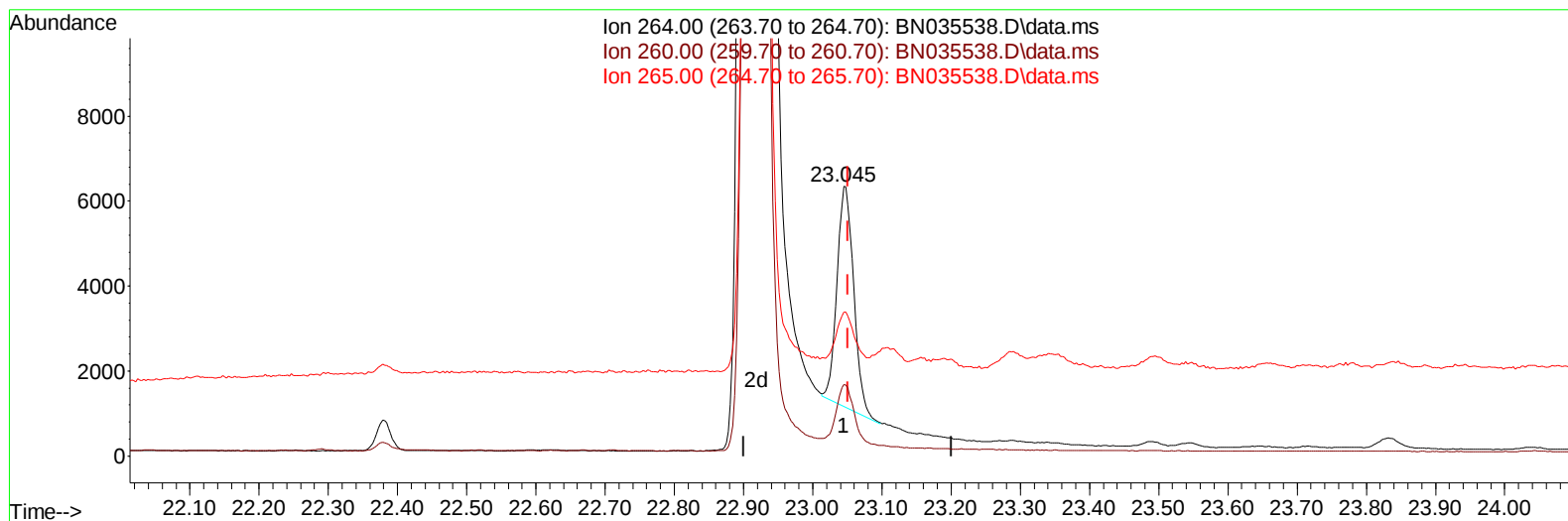
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035538.D
Acq On : 10 Dec 2024 19:06
Operator : RC/JU
Sample : P5066-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28M4

Manual IntegrationsAPPROVED

Quant Time: Dec 10 22:04:58 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 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



TIC: BN035538.D\data.ms

(23) Perylene-d12 (I)

23.045min (-0.006) 0.40 ng/ul m

response 8673

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.20	26.48
265.00	75.50	53.47#
0.00	0.00	0.00

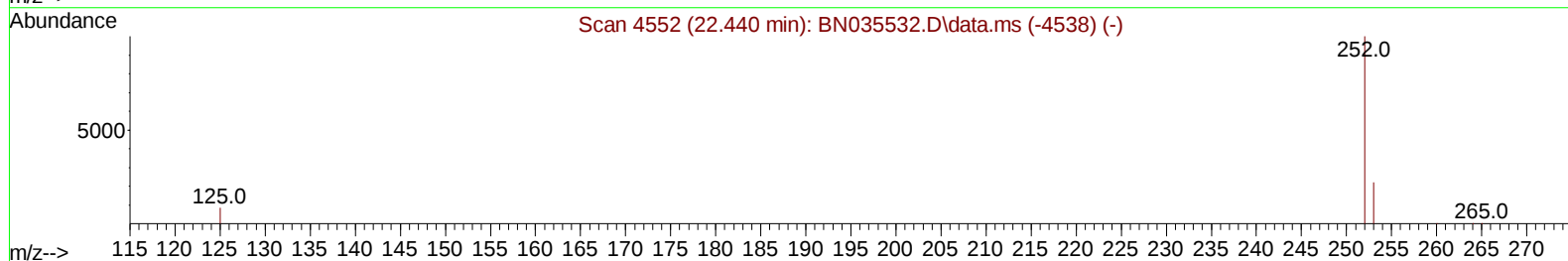
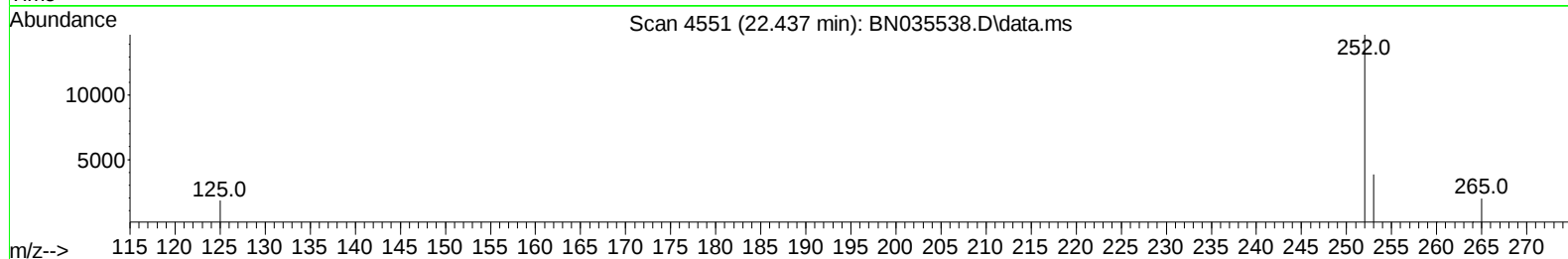
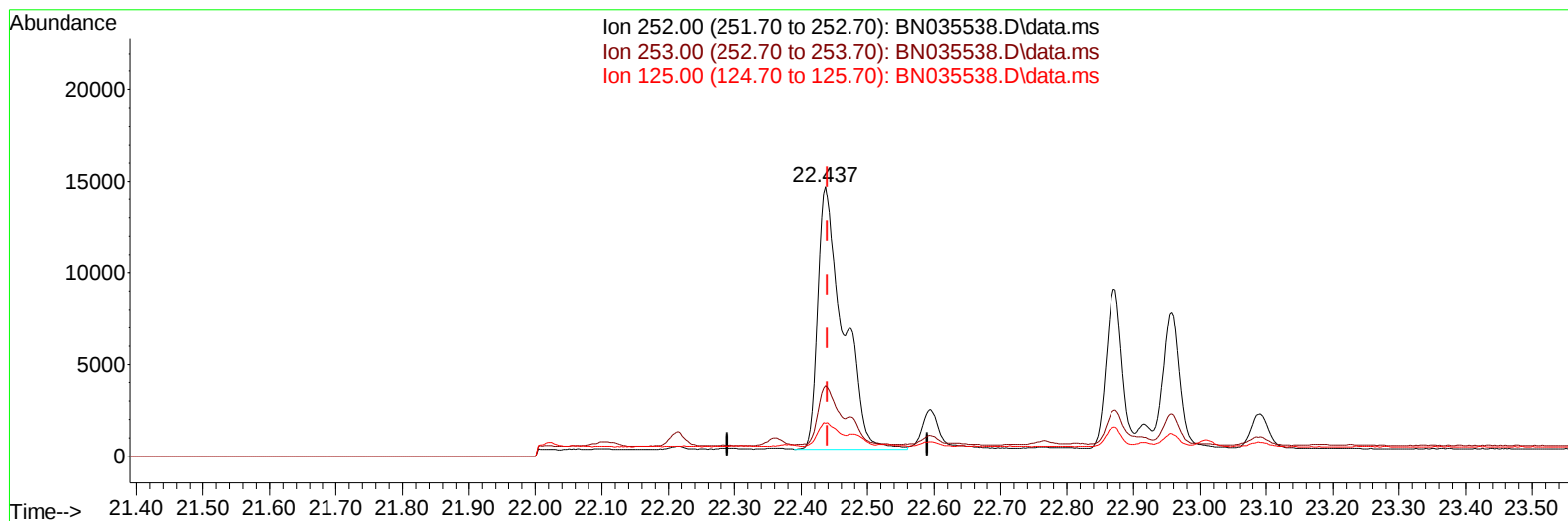
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035538.D
Acq On : 10 Dec 2024 19:06
Operator : RC/JU
Sample : P5066-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28M4

Manual IntegrationsAPPROVED

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TIC: BN035538.D\data.ms

(24) Benzo(b)fluoranthene

22.437min (-0.003) 1.33 ng/u1

response 38079

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	26.00
125.00	9.70	12.15
0.00	0.00	0.00

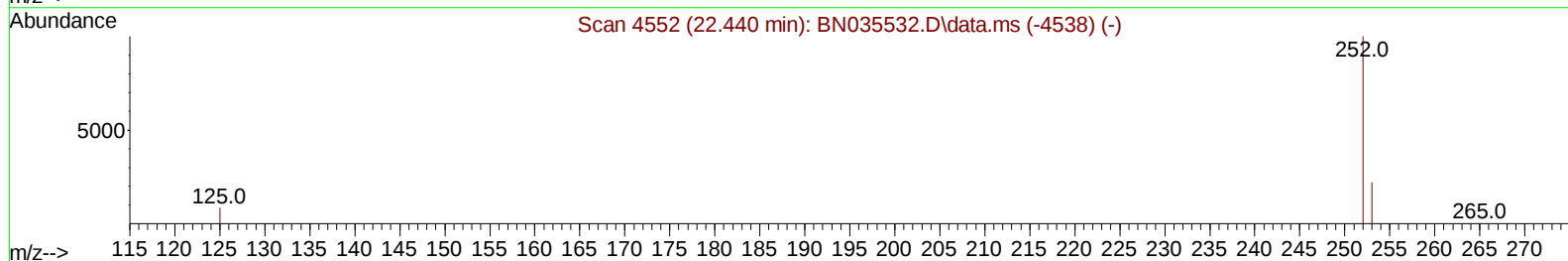
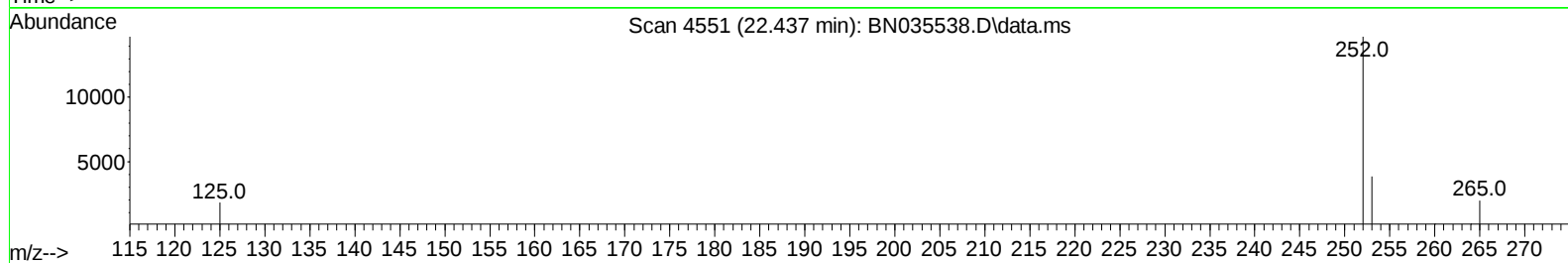
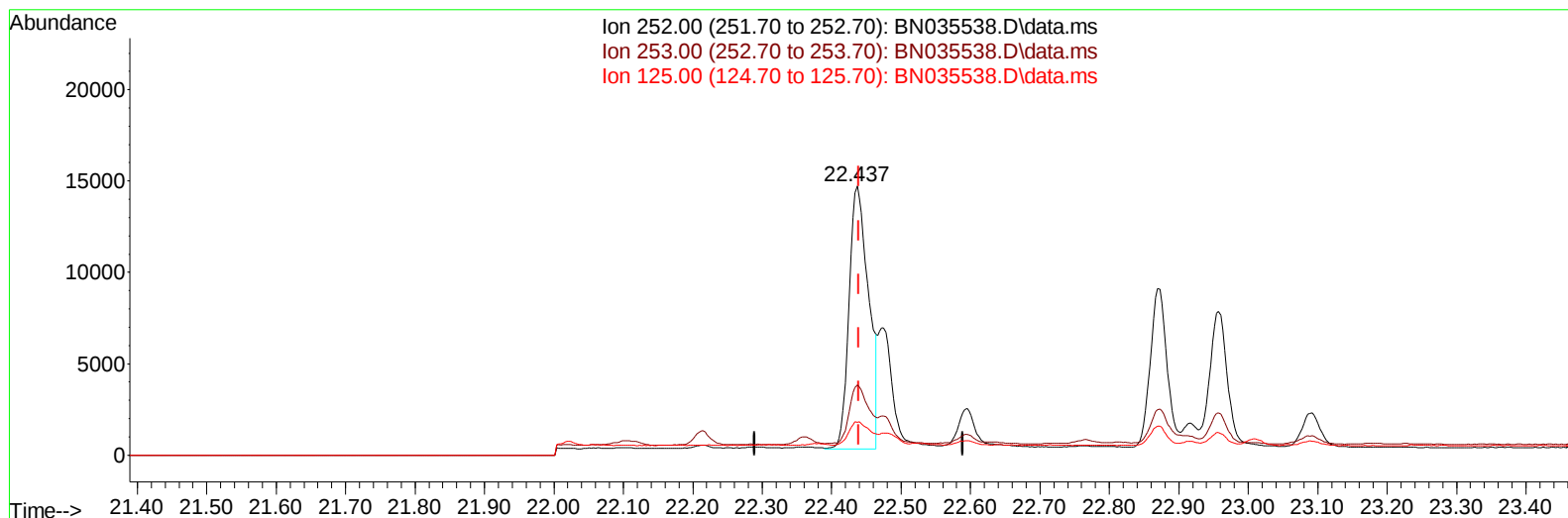
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035538.D
Acq On : 10 Dec 2024 19:06
Operator : RC/JU
Sample : P5066-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28M4

Manual IntegrationsAPPROVED

Quant Time: Dec 10 22:04:58 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 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



TIC: BN035538.D\data.ms

(24) Benzo(b)fluoranthene

22.437min (-0.003) 0.98 ng/u1 m

response 28046

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	26.00
125.00	9.70	12.15
0.00	0.00	0.00

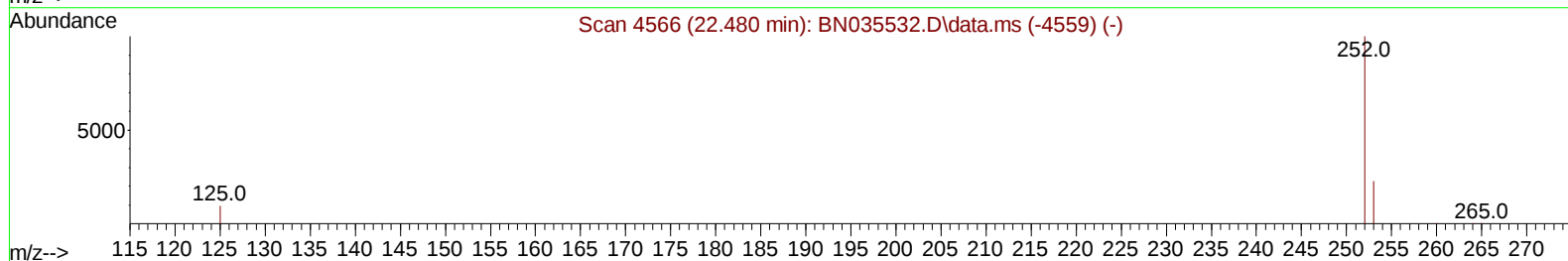
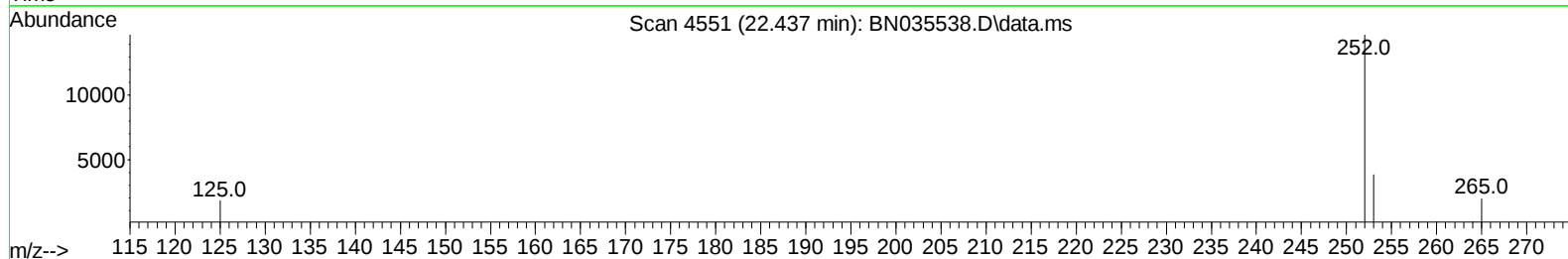
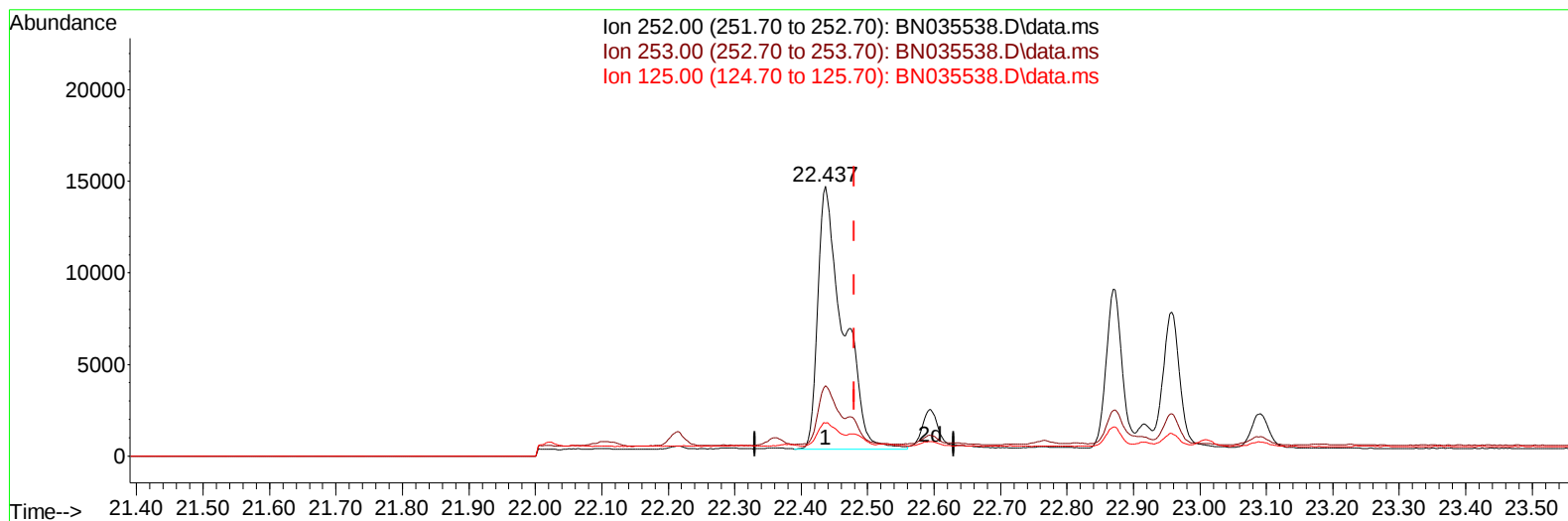
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035538.D
Acq On : 10 Dec 2024 19:06
Operator : RC/JU
Sample : P5066-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28M4

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 12/12/2024



TIC: BN035538.D\data.ms

(25) Benzo(k)fluoranthene

22.437min (-0.044) 1.29 ng/u1

response 38079

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	26.00
125.00	10.70	12.15
0.00	0.00	0.00

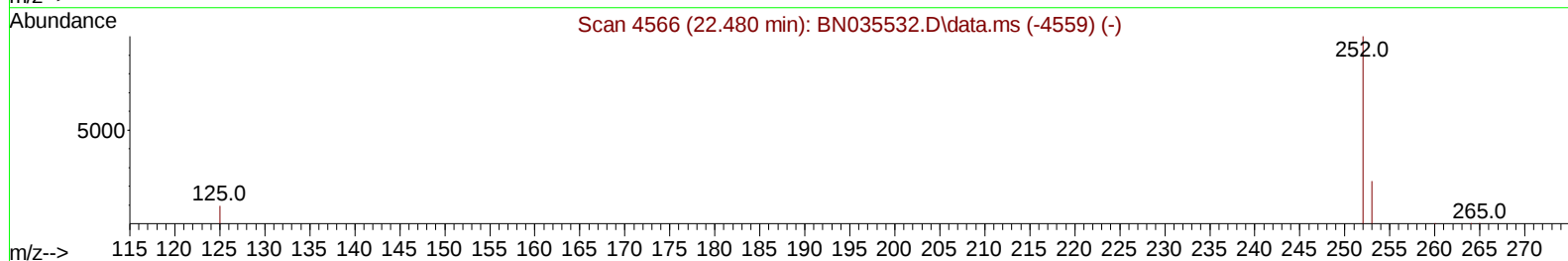
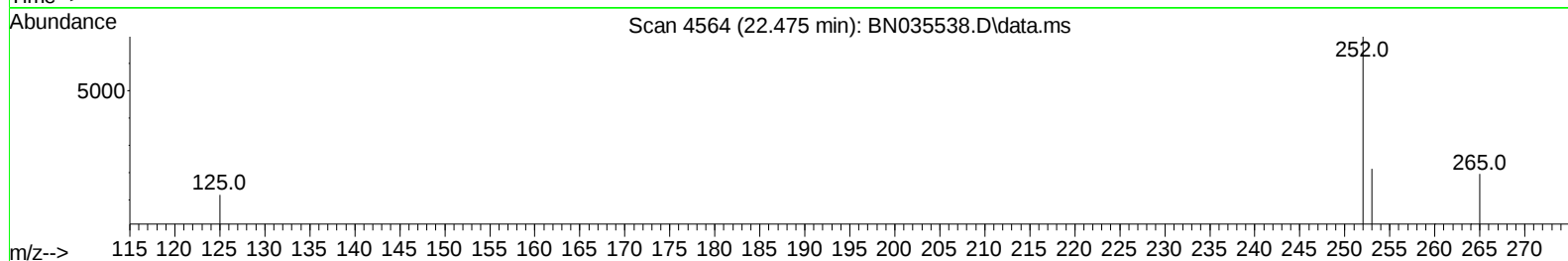
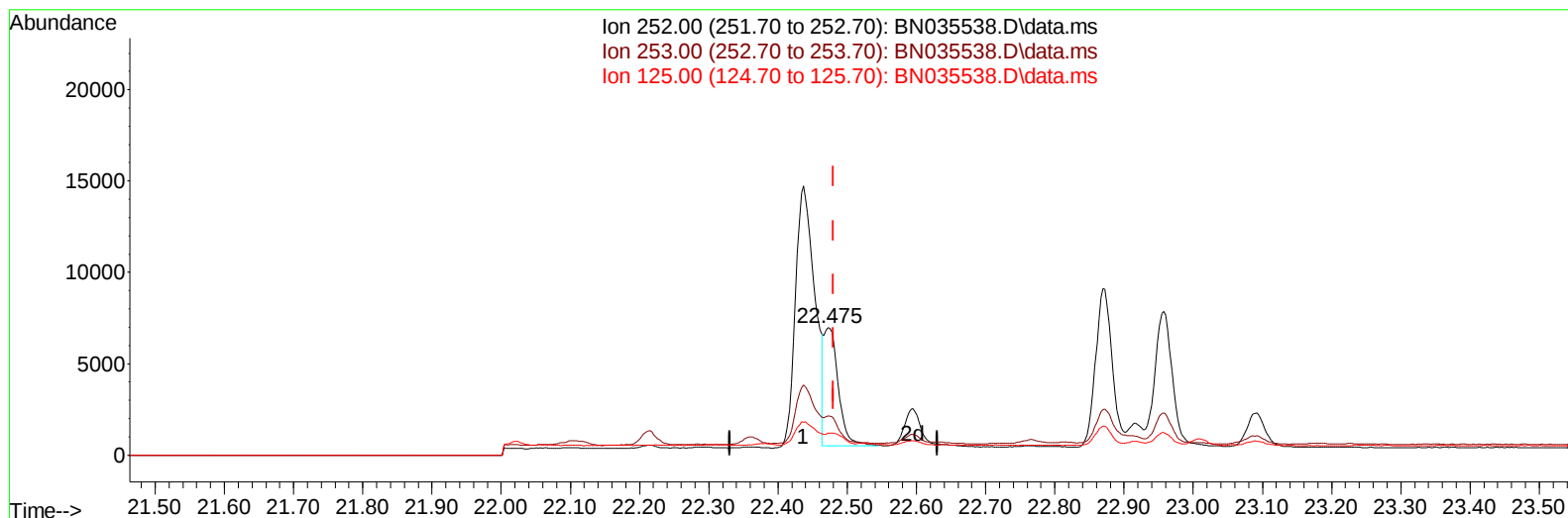
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Data File : BN035538.D
Acq On : 10 Dec 2024 19:06
Operator : RC/JU
Sample : P5066-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28M4

Manual IntegrationsAPPROVED

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TIC: BN035538.D\data.ms

(25) Benzo(k)fluoranthene

22.475min (-0.006) 0.32 ng/u1 m

response 9578

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	30.78
125.00	10.70	17.21#
0.00	0.00	0.00

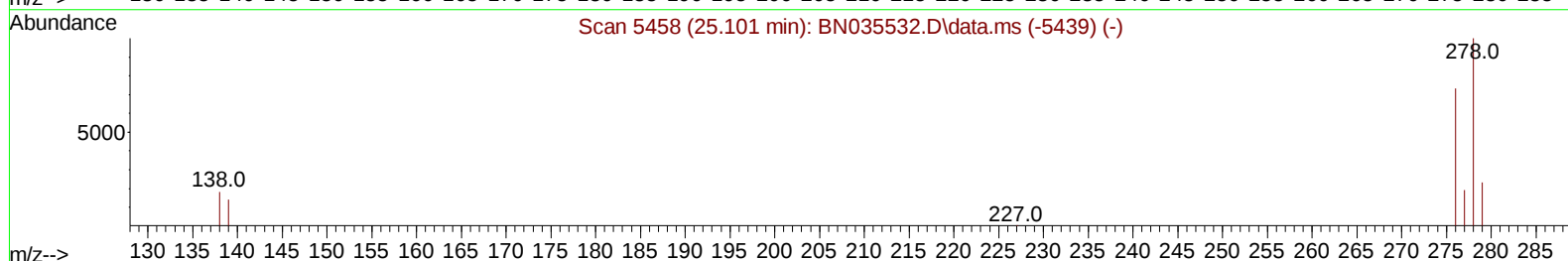
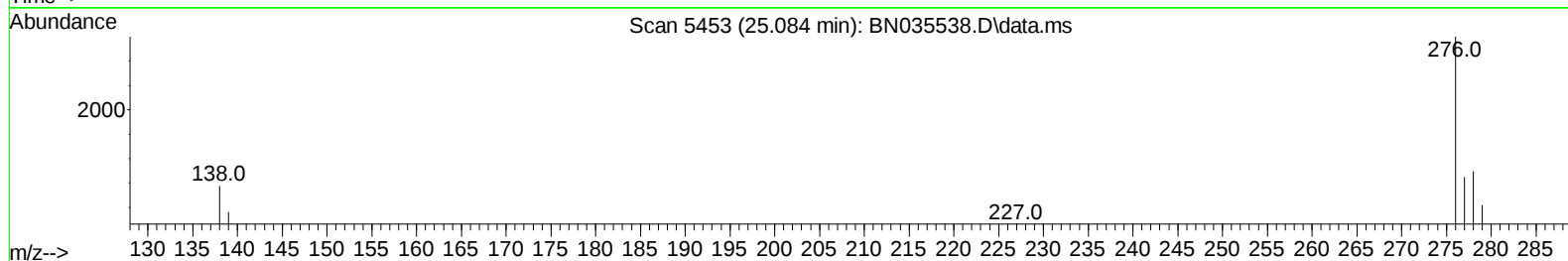
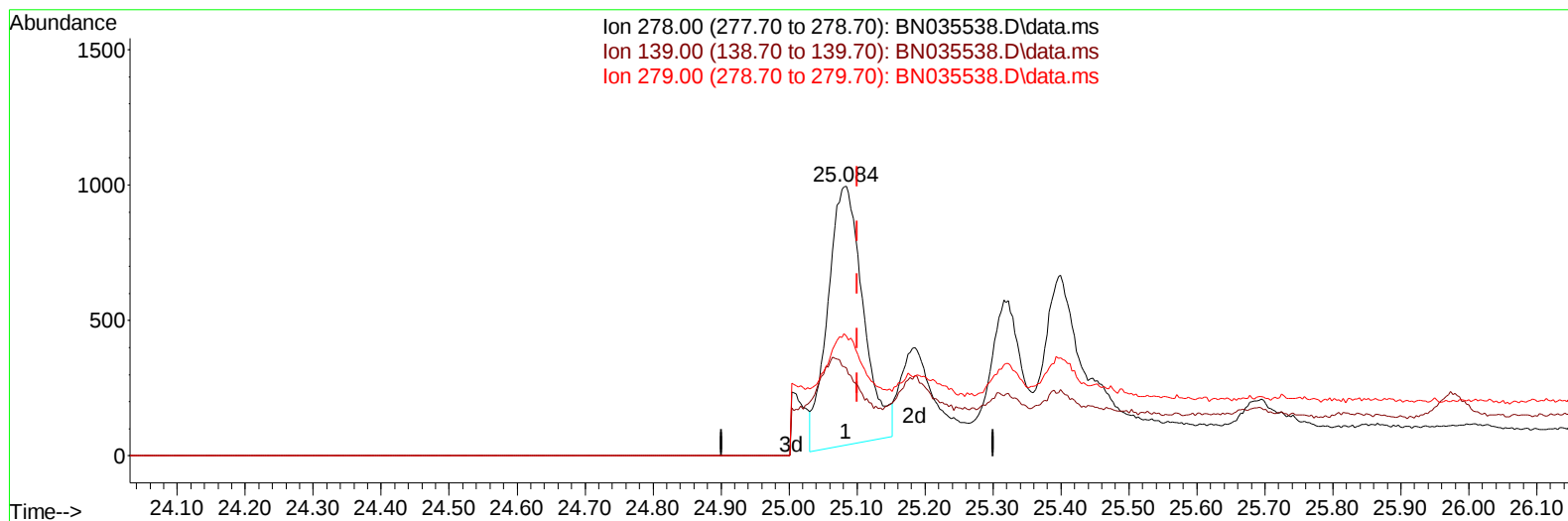
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TIC: BN035538.D\data.ms

(28) Dibenzo(a,h)anthracene

25.084min (-0.017) 0.12 ng/u1

response 3465

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.40	32.56#
279.00	28.50	44.52#
0.00	0.00	0.00

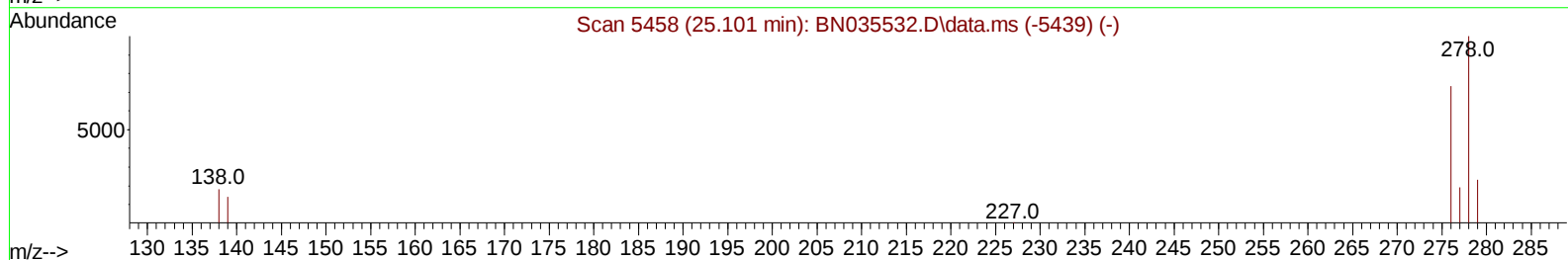
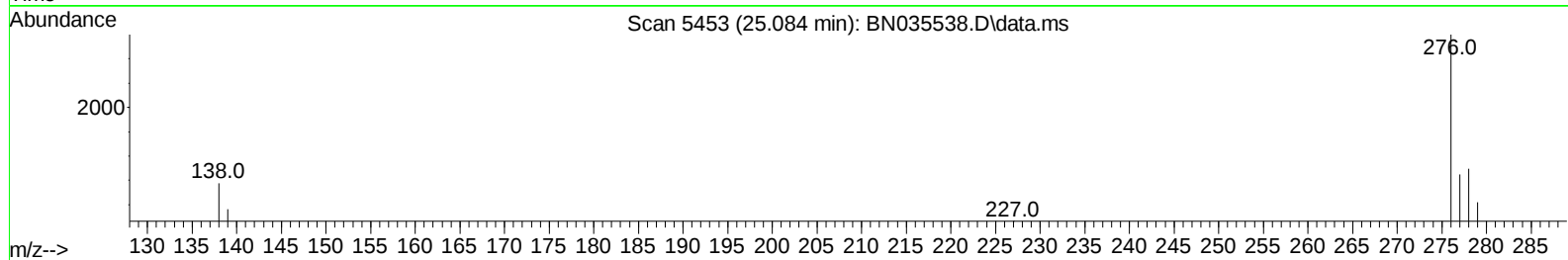
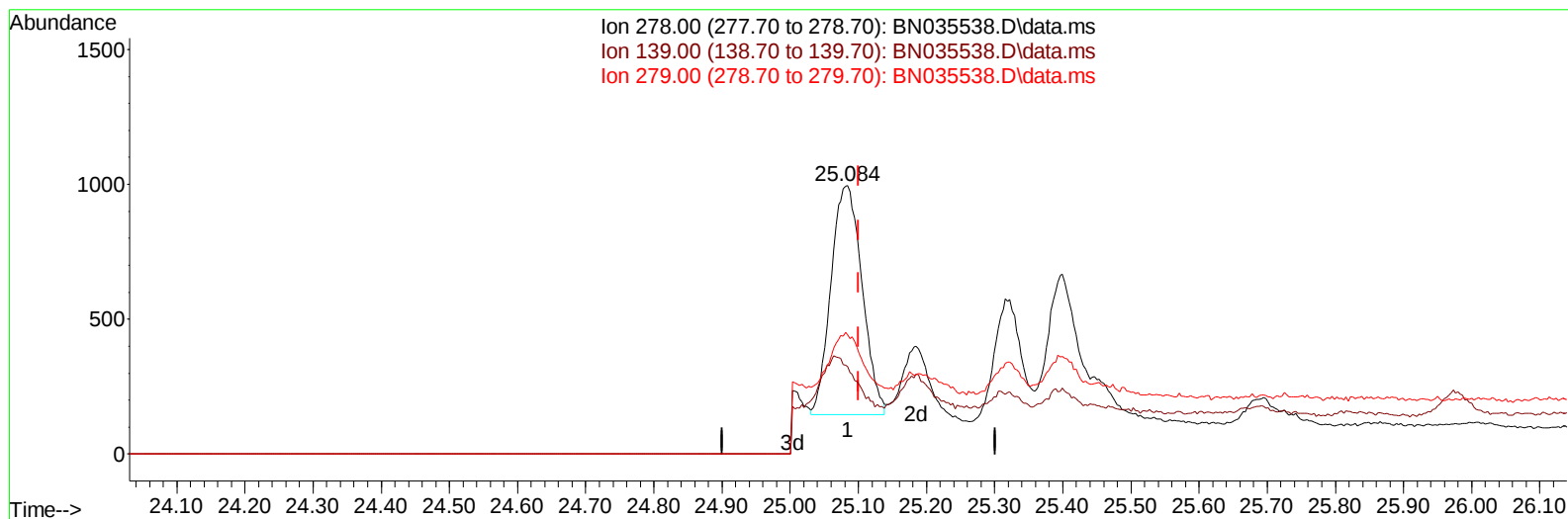
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28M4

Manual IntegrationsAPPROVED

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



TIC: BN035538.D\data.ms

(28) Dibenzo(a,h)anthracene

25.084min (-0.017) 0.10 ng/ul m

response 2685

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.40	32.56#
279.00	28.50	44.52#
0.00	0.00	0.00

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 ALS Vial : 8 Sample Multiplier: 1

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 E28M4

Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.293	152	3322	0.400	ng/ul	0.00
4) Naphthalene-d8	10.037	136	8988	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.949	164	5477	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.717	188	11233	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.961	240	9040	0.400	ng/ul	# 0.00
23) Perylene-d12	23.045	264	8673m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.963	96	11804	3.888	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.642	152	2707	0.206	ng/ul	0.00
18) Fluoranthene-d10	18.768	212	5865	0.235	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.086	128	549m	0.024	ng/ul	
7) 2-Methylnaphthalene	11.714	142	404	0.026	ng/ul	96
10) Acenaphthylene	13.662	152	1938	0.089	ng/ul#	90
15) Phenanthrene	16.755	178	1944	0.065	ng/ul#	89
16) Anthracene	16.848	178	2184	0.079	ng/ul#	90
19) Fluoranthene	18.800	202	10464	0.332	ng/ul#	95
20) Pyrene	19.167	202	12846m	0.392	ng/ul	
21) Benzo(a)anthracene	20.944	228	9785	0.312	ng/ul#	90
22) Chrysene	20.996	228	13790	0.437	ng/ul#	94
24) Benzo(b)fluoranthene	22.437	252	28046m	0.978	ng/ul	
25) Benzo(k)fluoranthene	22.475	252	9578m	0.324	ng/ul	
26) Benzo(a)pyrene	22.957	252	13160	0.502	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	25.071	276	11333	0.320	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.084	278	2685m	0.097	ng/ul	
29) Benzo(g,h,i)perylene	25.688	276	10847	0.389	ng/ul#	94

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035538.D
Acq On : 10 Dec 2024 19:06
Operator : RC/JU
Sample : P5066-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28M4

Manual IntegrationsAPPROVED

Quant Time: Dec 10 22:04:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN11624.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 12/12/2024
Supervised By :mohammad ahmed 12/12/2024

