

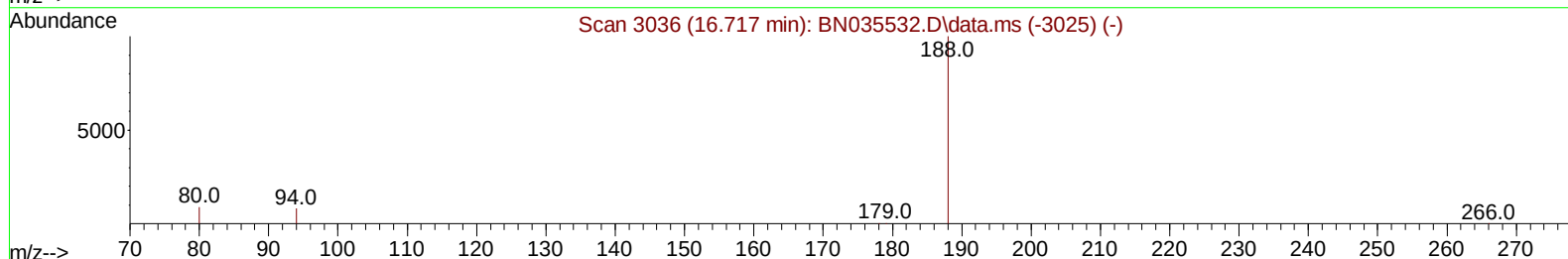
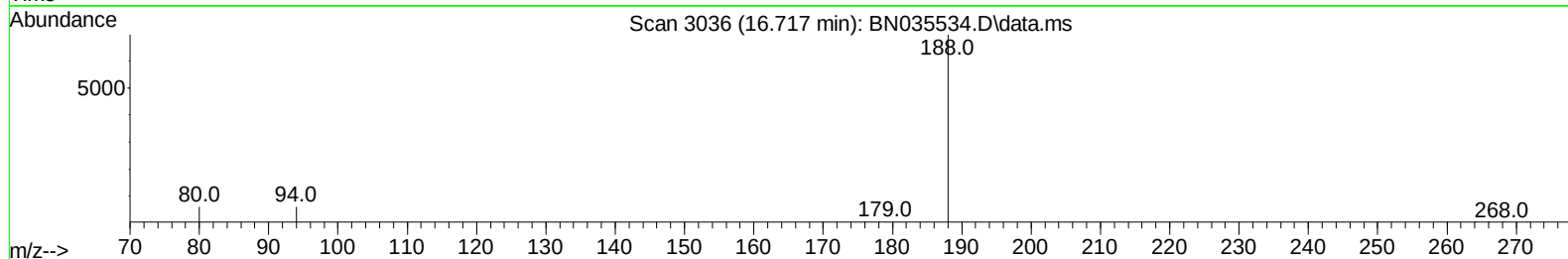
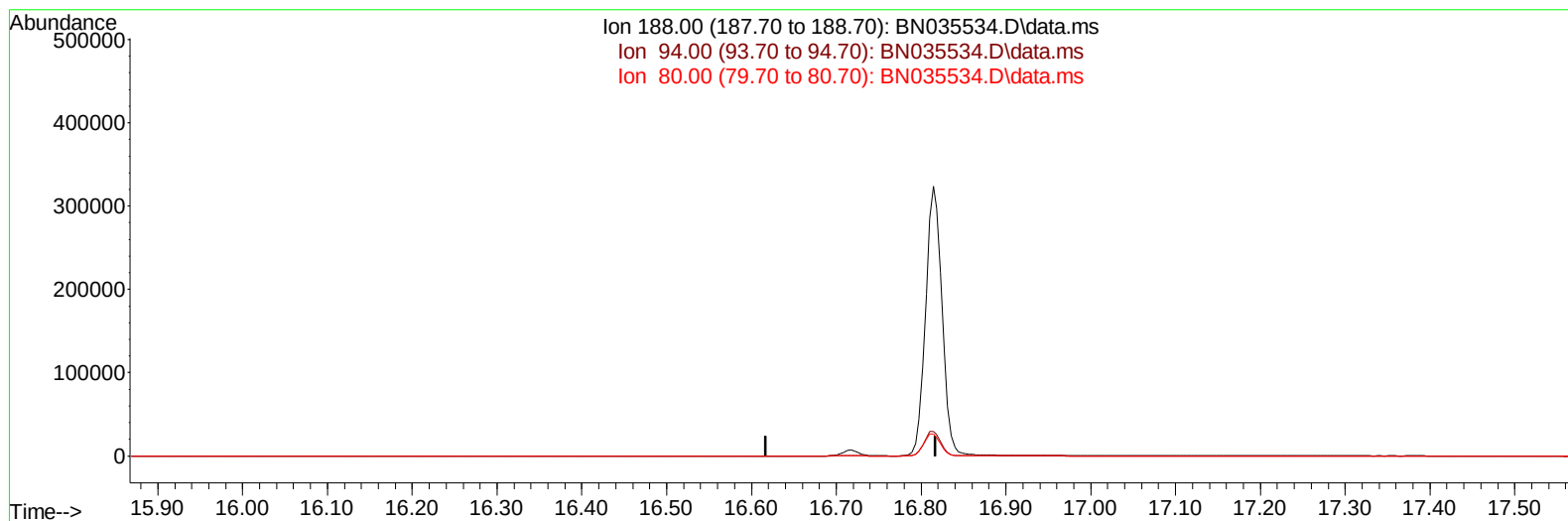
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035534.D
Acq On : 10 Dec 2024 16:42
Operator : RC/JU
Sample : P5066-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28M8

Manual IntegrationsAPPROVED

Quant Time: Dec 10 17:13:30 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: BN035534.D\data.ms

(13) Phenanthrene-d10 (I)

16.717min (-16.717) 0.00 ng/u1

response 0

Ion	Exp%	Act%
188.00	100.00	0.00
94.00	7.00	0.00#
80.00	7.60	0.00#
0.00	0.00	0.00

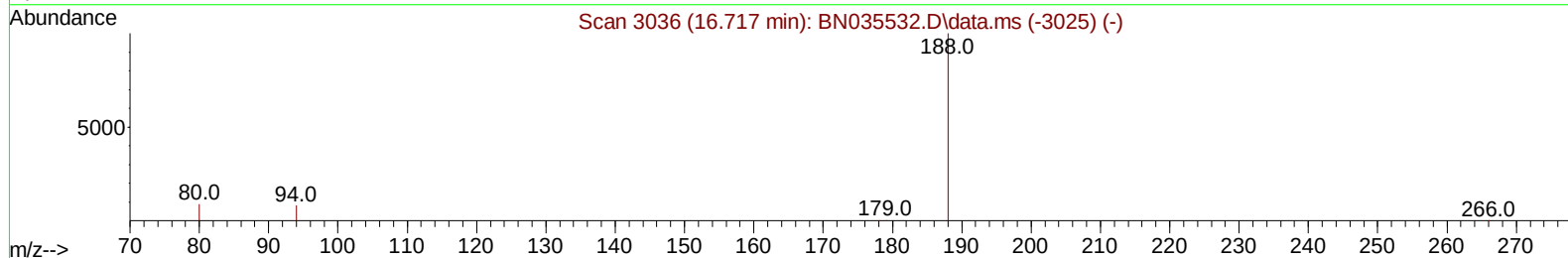
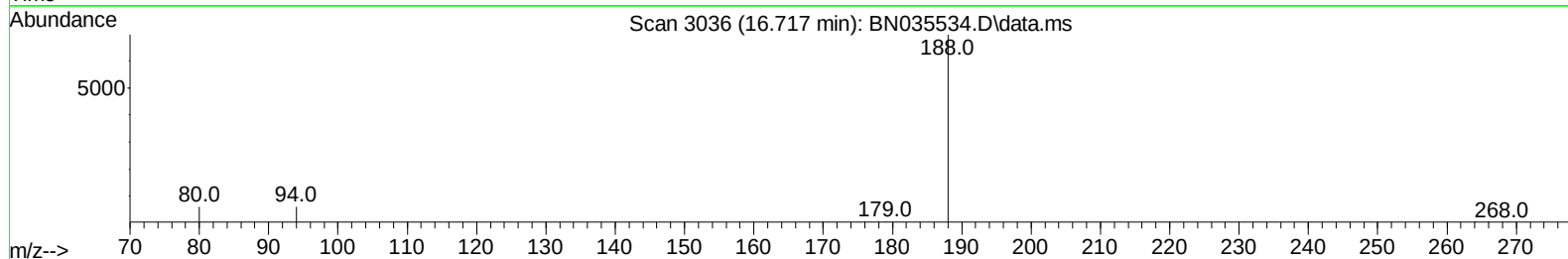
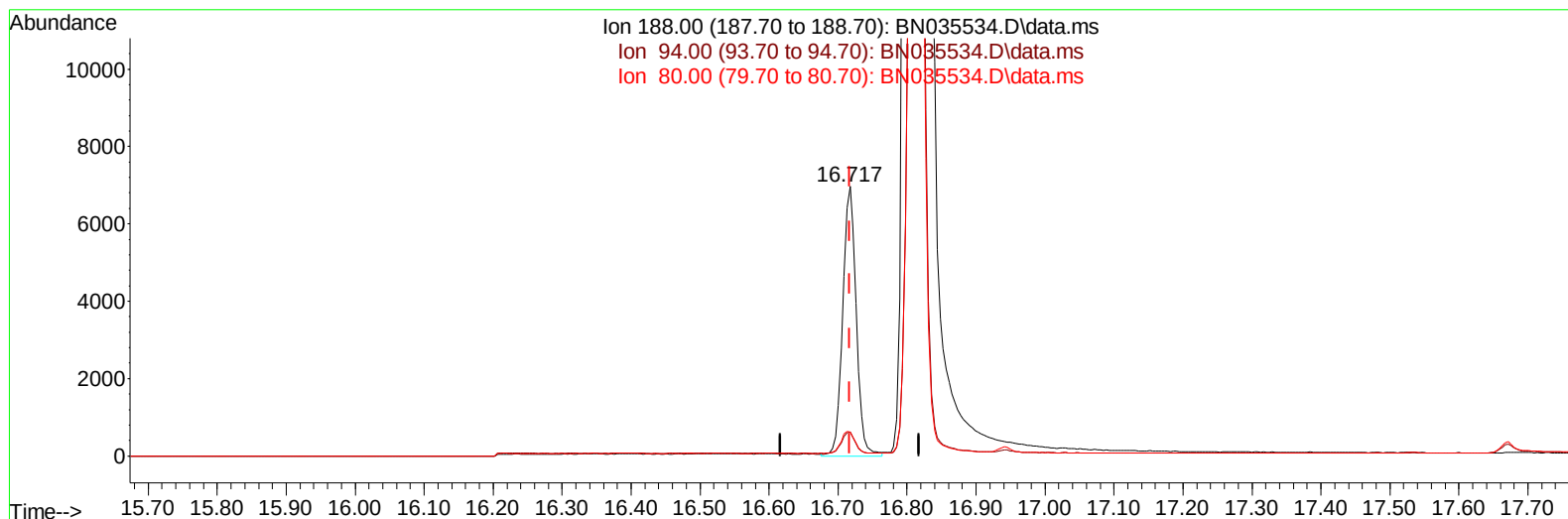
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035534.D
Acq On : 10 Dec 2024 16:42
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Instrument :
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TIC: BN035534.D\data.ms

(13) Phenanthrene-d10 (I)

16.717min (+ 0.000) 0.40 ng/ul m

response 9443

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	7.00	8.74#
80.00	7.60	8.89
0.00	0.00	0.00

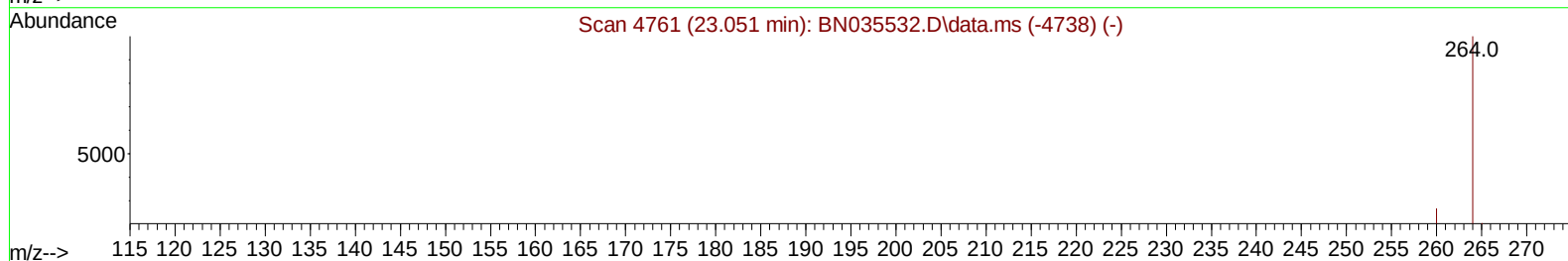
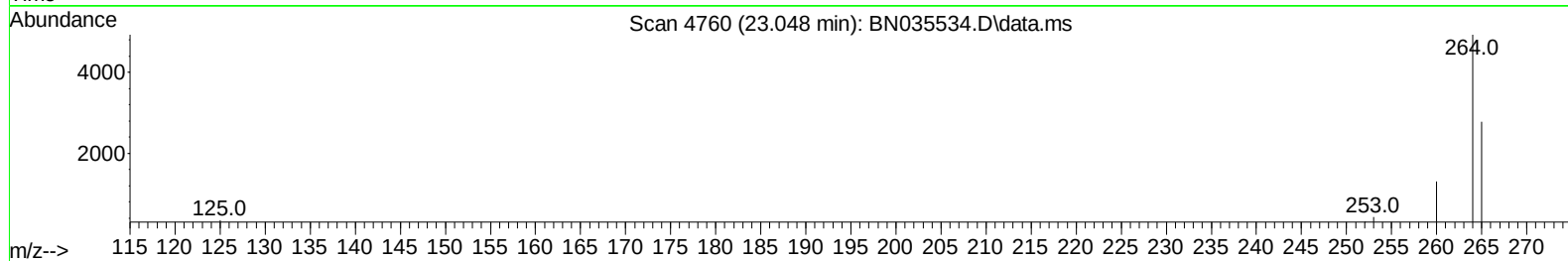
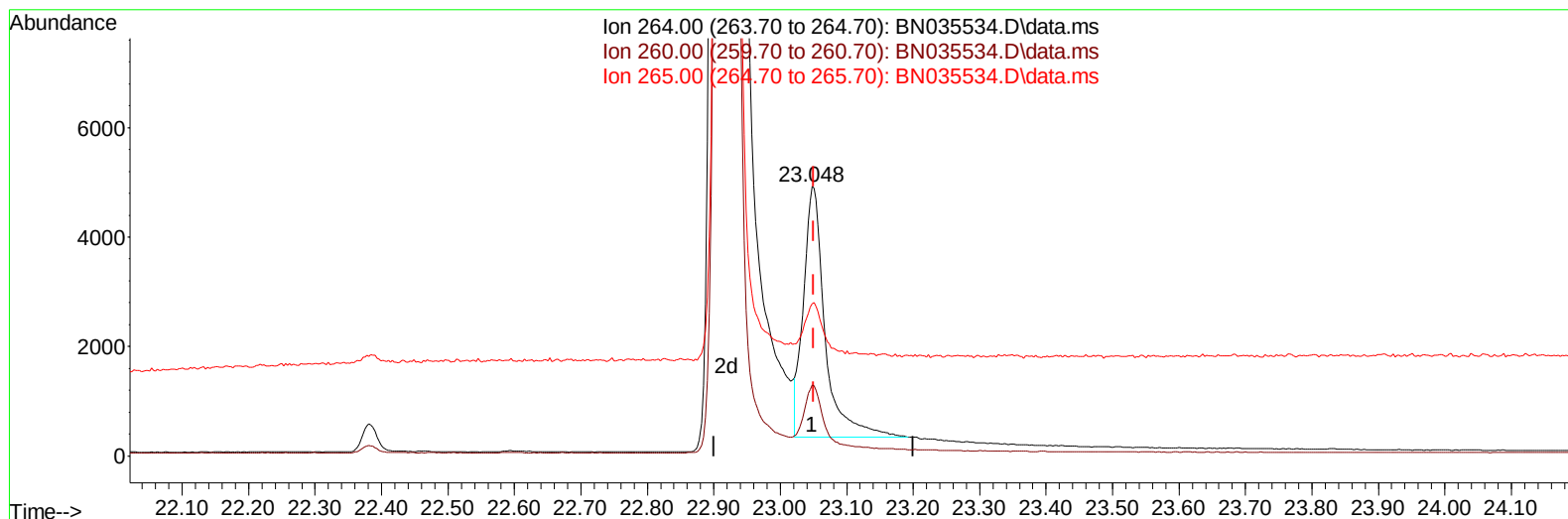
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035534.D
Acq On : 10 Dec 2024 16:42
Operator : RC/JU
Sample : P5066-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28M8

Manual IntegrationsAPPROVED

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TIC: BN035534.D\data.ms

(23) Perylene-d12 (I)

23.048min (-0.003) 0.40 ng/u1

response 10403

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.20	26.36
265.00	75.50	56.53#
0.00	0.00	0.00

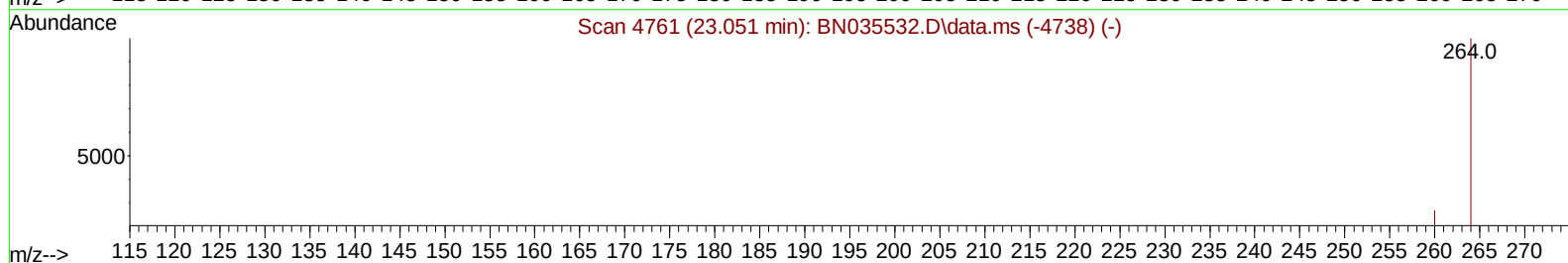
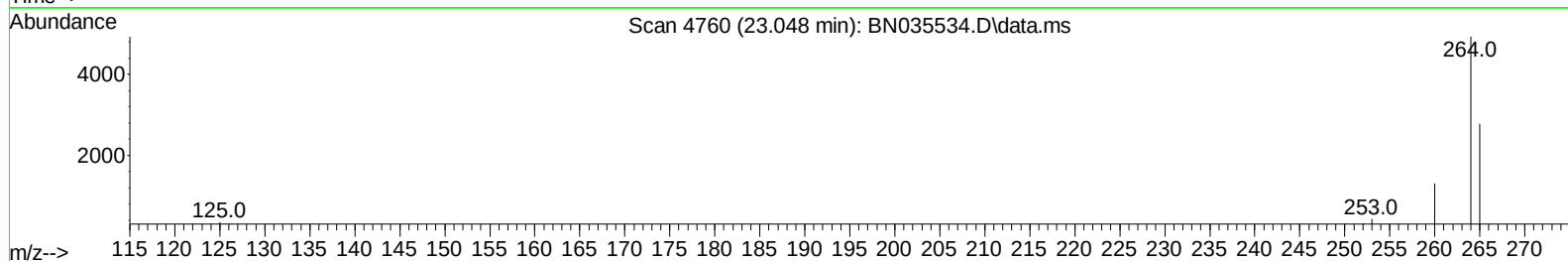
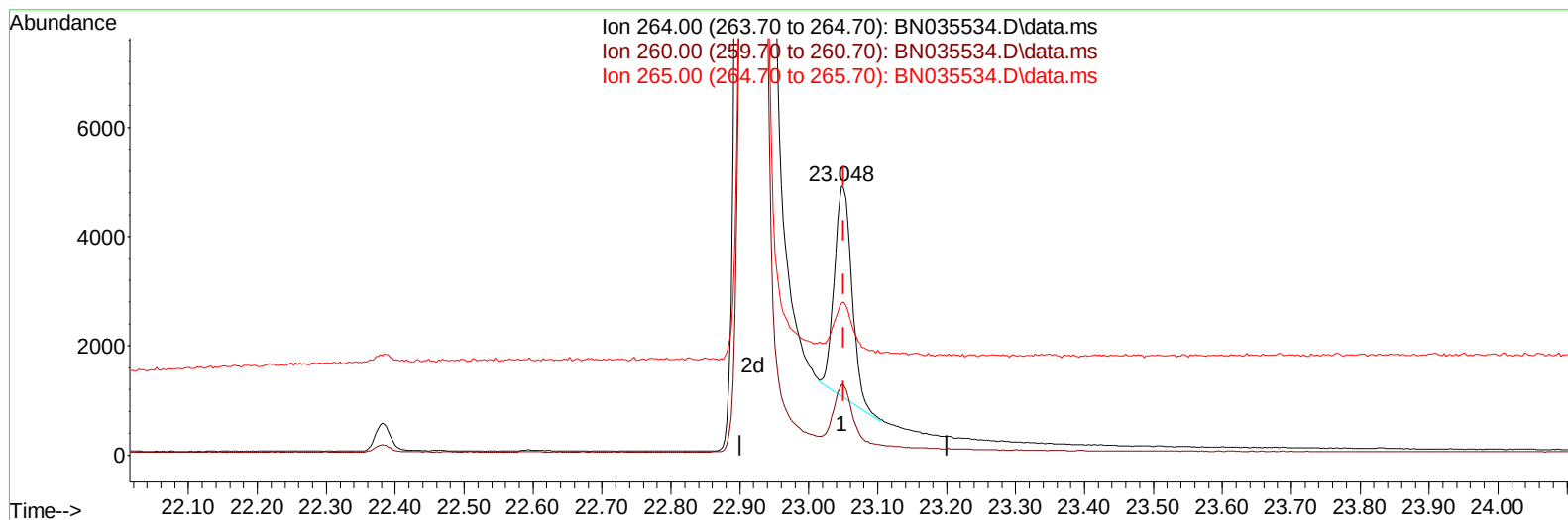
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035534.D
Acq On : 10 Dec 2024 16:42
Operator : RC/JU
Sample : P5066-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28M8

Manual IntegrationsAPPROVED

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

Quant Time: Dec 10 17:13:30 2024
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TIC: BN035534.D\data.ms

(23) Perylene-d12 (I)

23.048min (-0.003) 0.40 ng/ul m

response 6807

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.20	26.36
265.00	75.50	56.53#
0.00	0.00	0.00

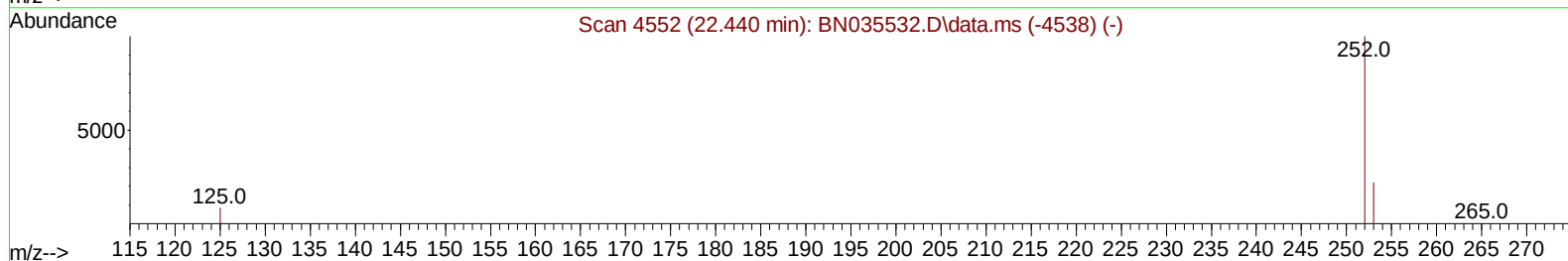
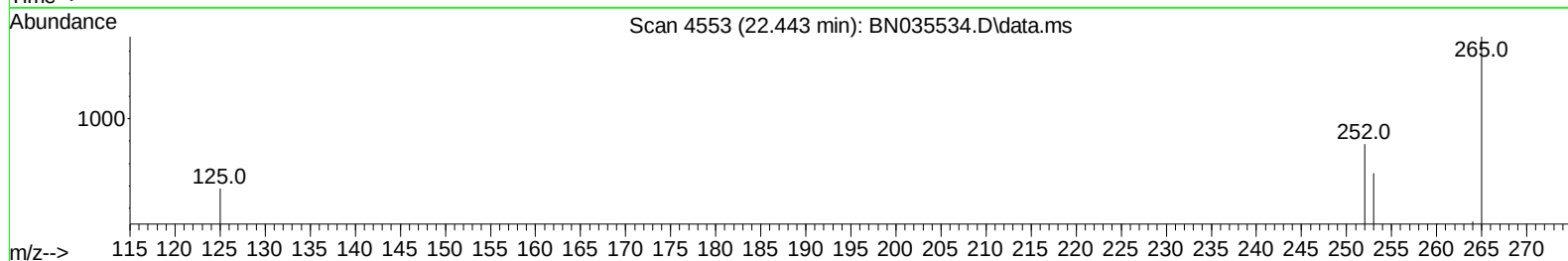
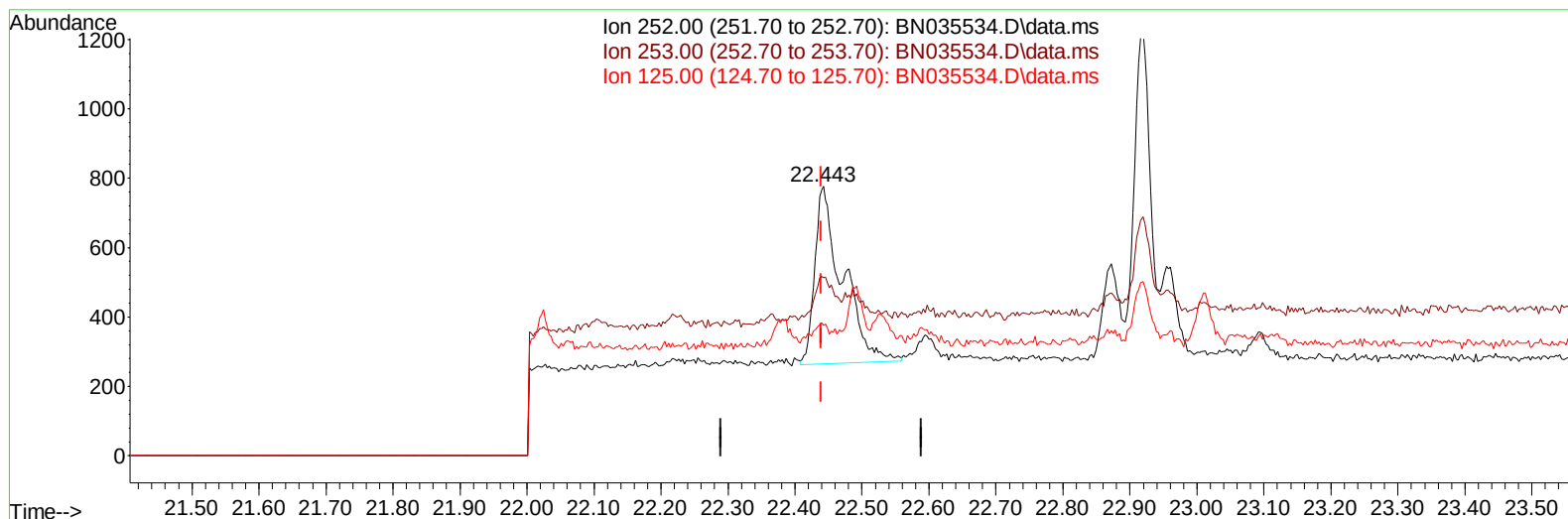
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035534.D
Acq On : 10 Dec 2024 16:42
Operator : RC/JU
Sample : P5066-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28M8

Manual IntegrationsAPPROVED

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TIC: BN035534.D\data.ms

(24) Benzo(b)fluoranthene

22.443min (+ 0.003) 0.07 ng/u1

response 1473

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	66.11#
125.00	9.70	48.45#
0.00	0.00	0.00

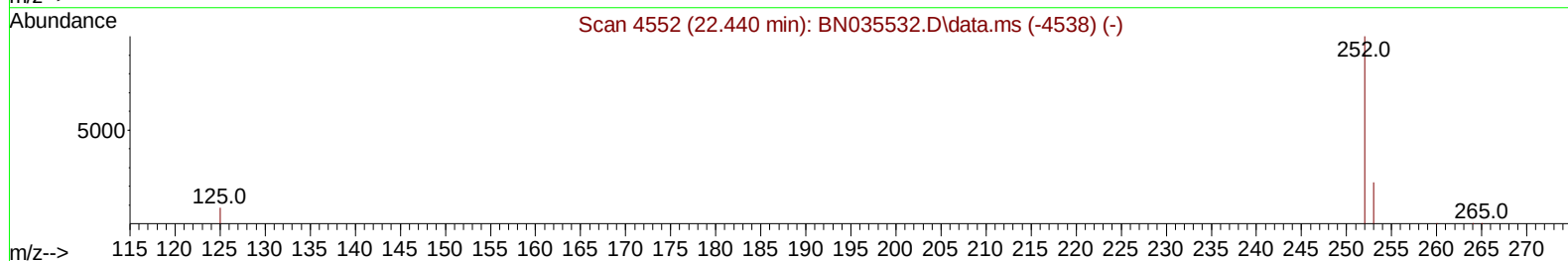
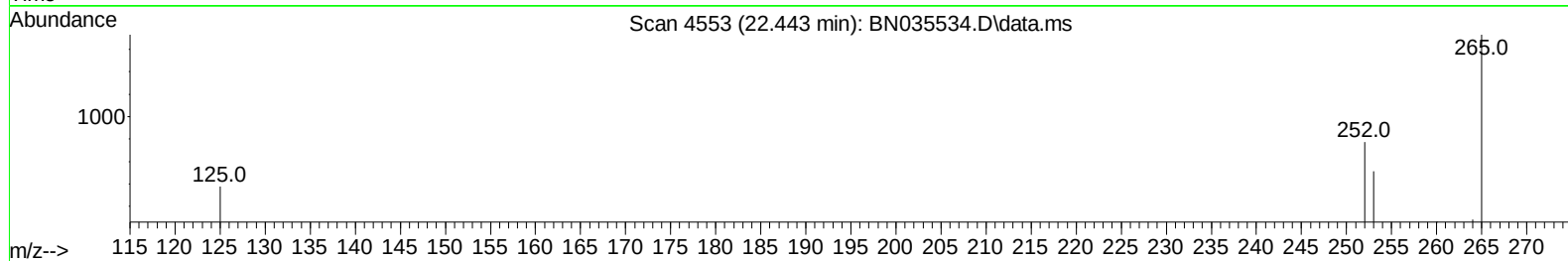
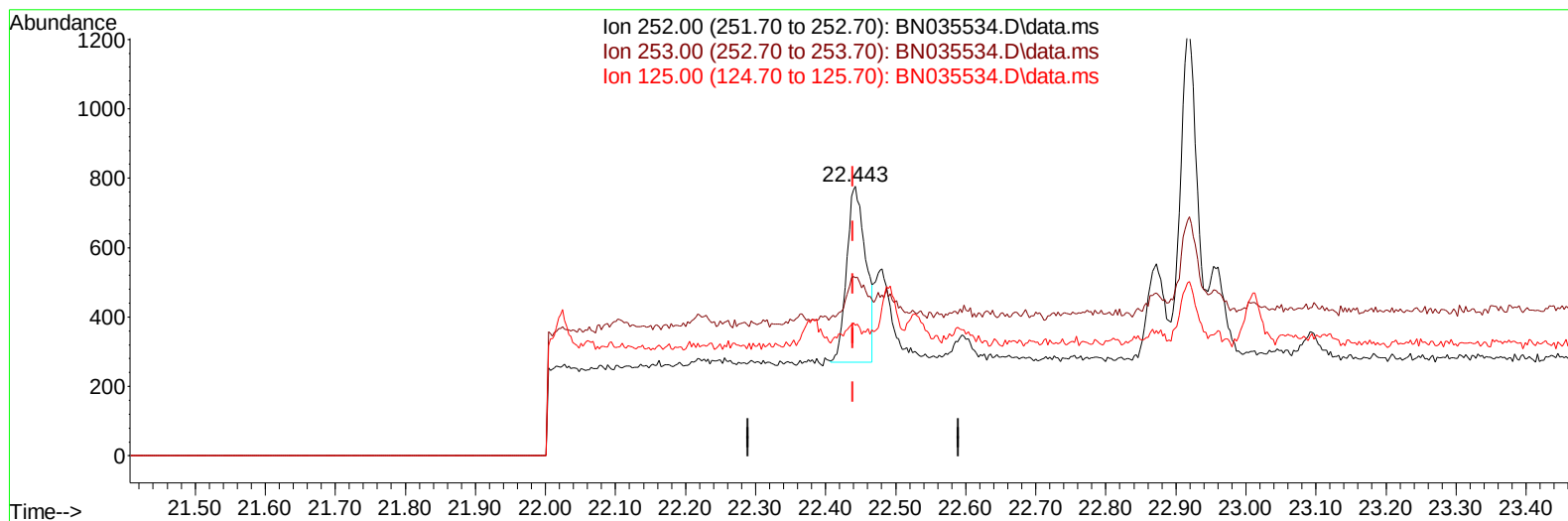
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035534.D
Acq On : 10 Dec 2024 16:42
Operator : RC/JU
Sample : P5066-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28M8

Manual IntegrationsAPPROVED

Quant Time: Dec 10 17:13:30 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 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



TIC: BN035534.D\data.ms

(24) Benzo(b)fluoranthene

22.443min (+ 0.003) 0.04 ng/u1 m

response 953

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	66.11#
125.00	9.70	48.45#
0.00	0.00	0.00

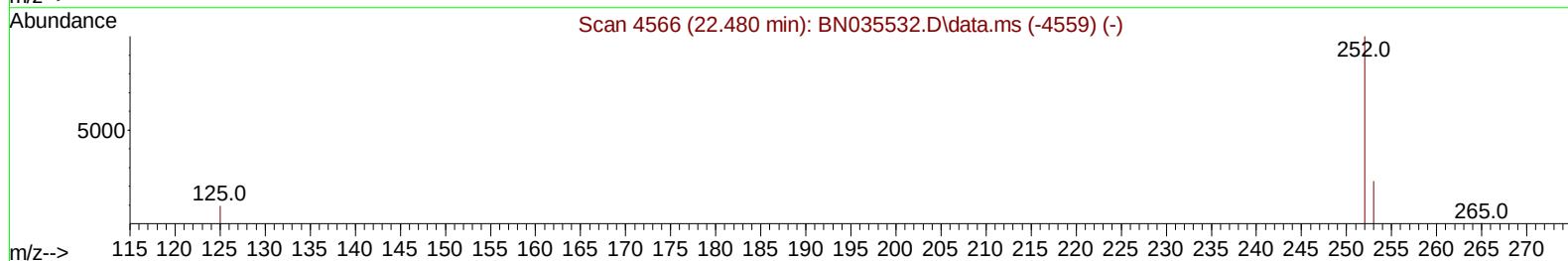
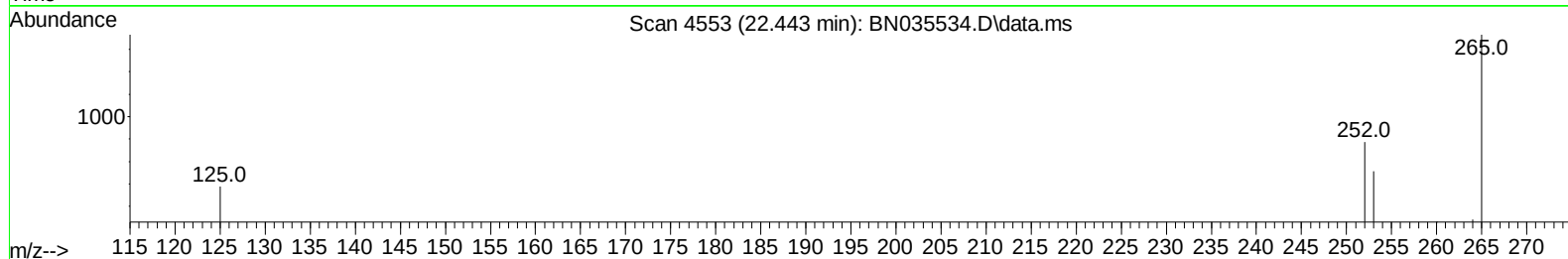
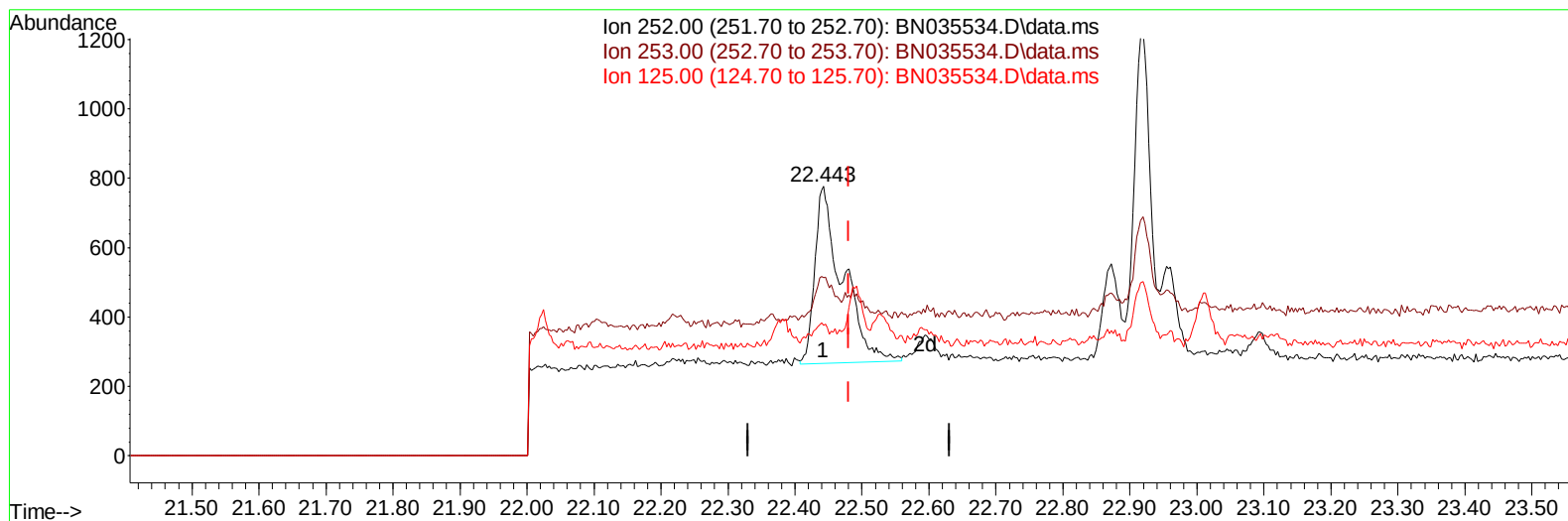
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035534.D
Acq On : 10 Dec 2024 16:42
Operator : RC/JU
Sample : P5066-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28M8

Manual IntegrationsAPPROVED

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TIC: BN035534.D\data.ms

(25) Benzo(k)fluoranthene

22.443min (-0.038) 0.06 ng/u1

response 1464

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	66.11#
125.00	10.70	48.45#
0.00	0.00	0.00

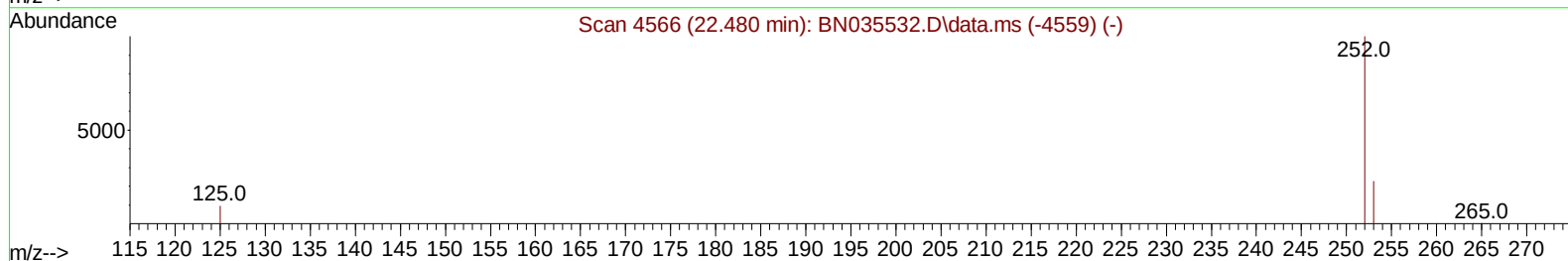
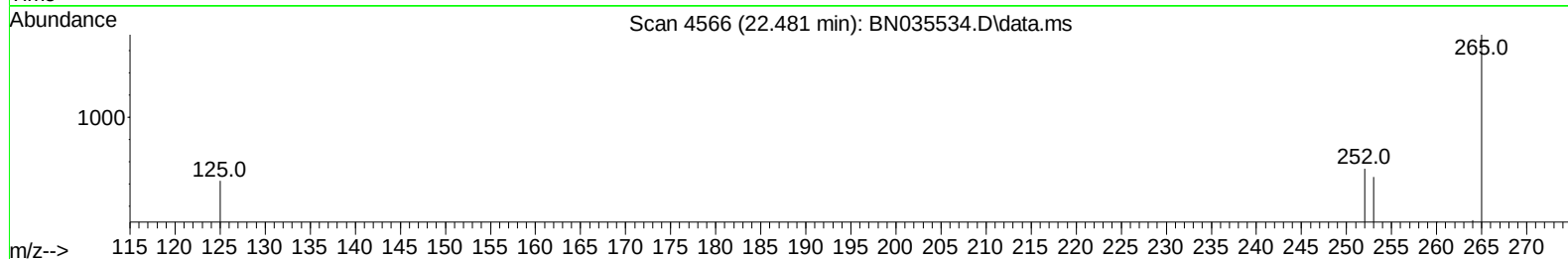
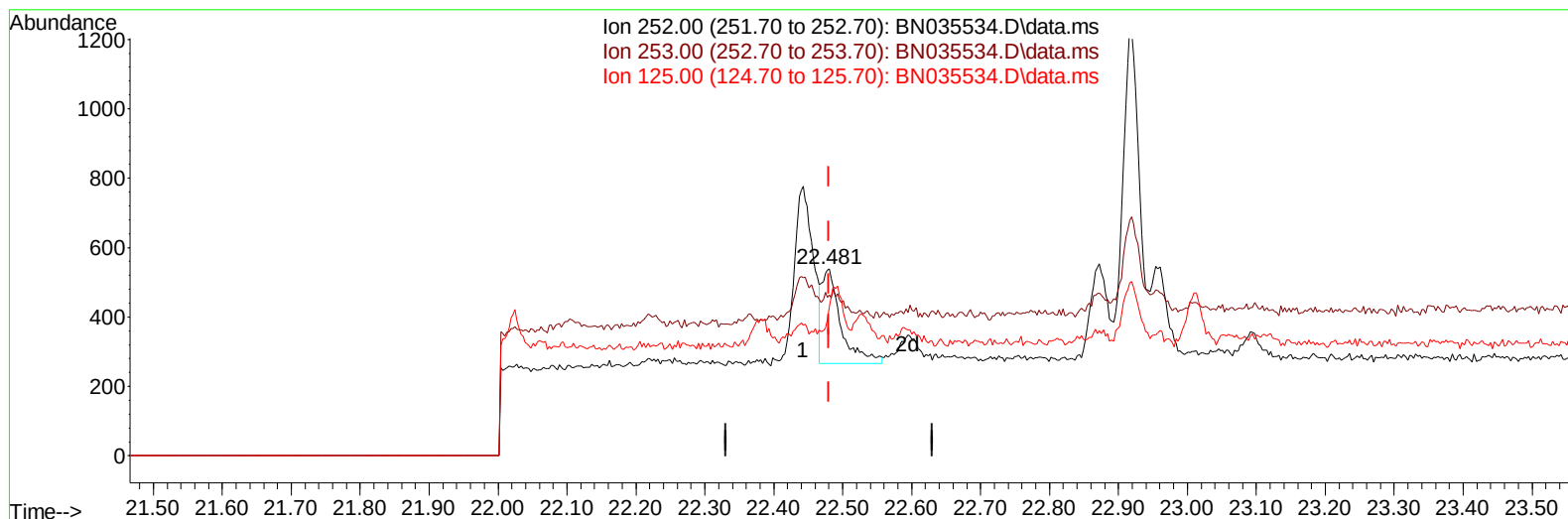
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035534.D
Acq On : 10 Dec 2024 16:42
Operator : RC/JU
Sample : P5066-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28M8

Manual IntegrationsAPPROVED

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

Quant Time: Dec 10 17:13:30 2024
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TIC: BN035534.D\data.ms

(25) Benzo(k)fluoranthene

22.481min (+ 0.000) 0.02 ng/ul m

response 526

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	86.09#
125.00	10.70	79.59#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
 Data File : BN035534.D
 Acq On : 10 Dec 2024 16:42
 Operator : RC/JU
 Sample : P5066-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28M8

Manual IntegrationsAPPROVED

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

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.293	152		2772	0.400	ng/ul	0.00
4) Naphthalene-d8	10.036	136		7301	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.949	164		4443	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.717	188		9443m	0.400	ng/ul	0.00
17) Chrysene-d12	20.964	240		7252	0.400	ng/ul	# 0.00
23) Perylene-d12	23.048	264		6807m	0.400	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	2.963	96		9973	3.936	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.642	152		2025	0.189	ng/ul	0.00
18) Fluoranthene-d10	18.768	212		4553	0.228	ng/ul	0.00
Target Compounds							
							Qvalue
19) Fluoranthene	18.800	202		993	0.039	ng/ul#	74
20) Pyrene	19.163	202		1183	0.045	ng/ul#	65
22) Chrysene	20.999	228		722	0.029	ng/ul#	79
24) Benzo(b)fluoranthene	22.443	252		953m	0.042	ng/ul	
25) Benzo(k)fluoranthene	22.481	252		526m	0.023	ng/ul	
29) Benzo(g,h,i)perylene	25.698	276		447	0.020	ng/ul#	31

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

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