

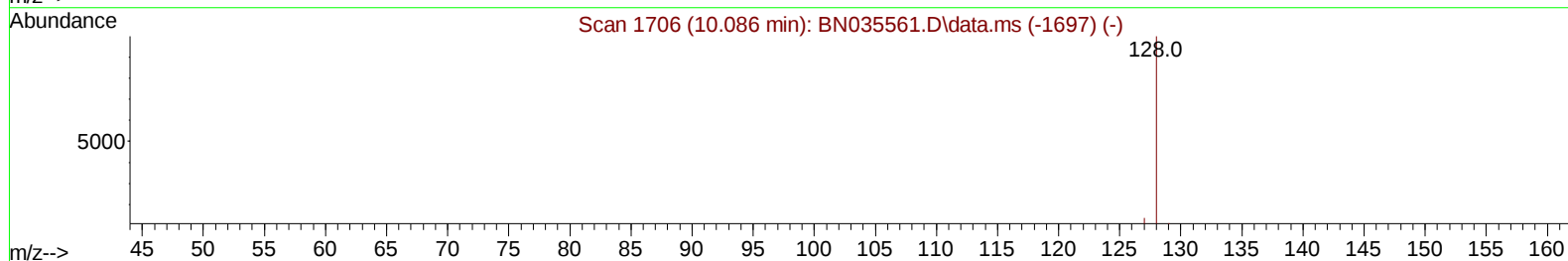
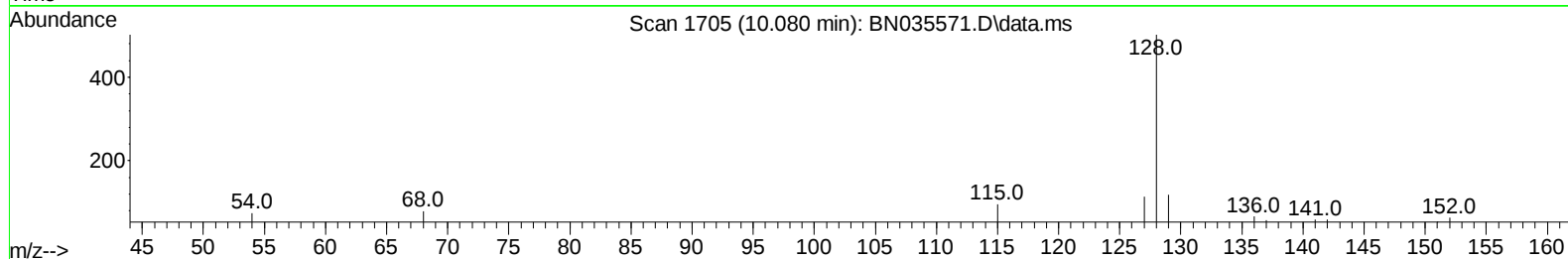
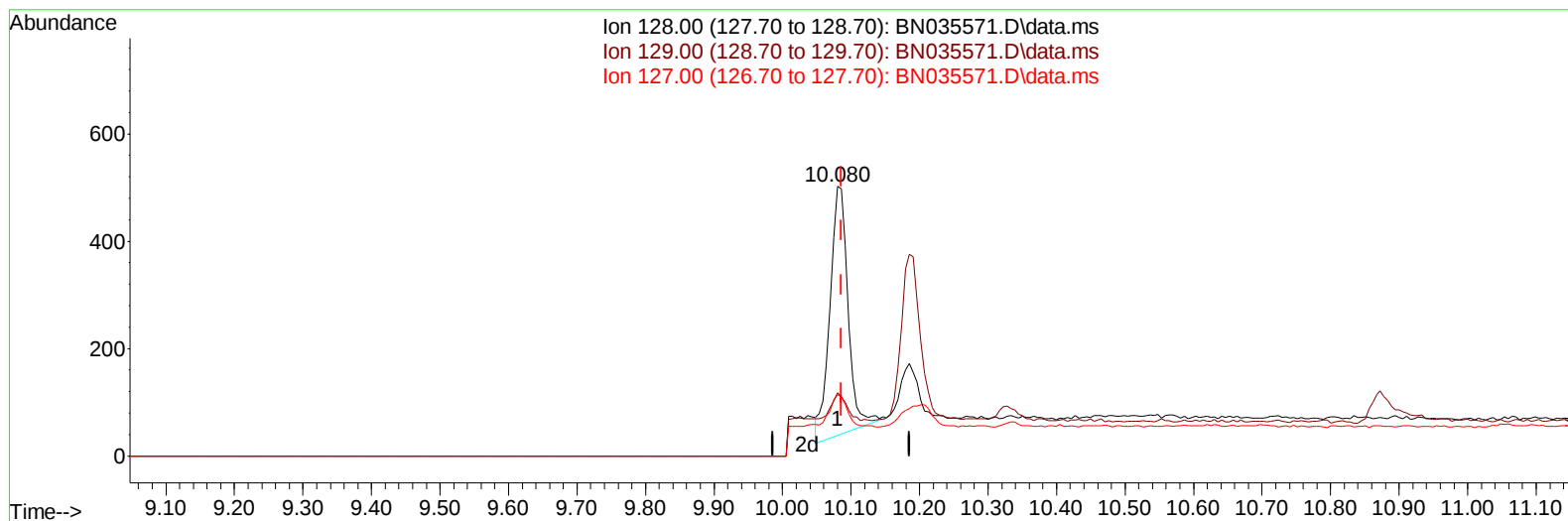
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035571.D
Acq On : 11 Dec 2024 17:53
Operator : RC/JU
Sample : P5153-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28P5

Manual IntegrationsAPPROVED

Quant Time: Dec 11 22:09:59 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: BN035571.D\data.ms

(5) Naphthalene

10.080min (-0.005) 0.04 ng/u1

response 854

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	12.40	23.51#
127.00	14.30	22.71#
0.00	0.00	0.00

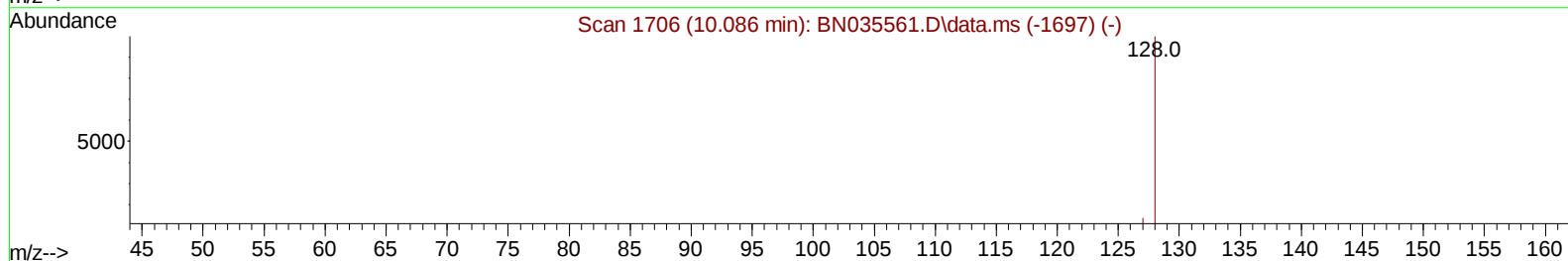
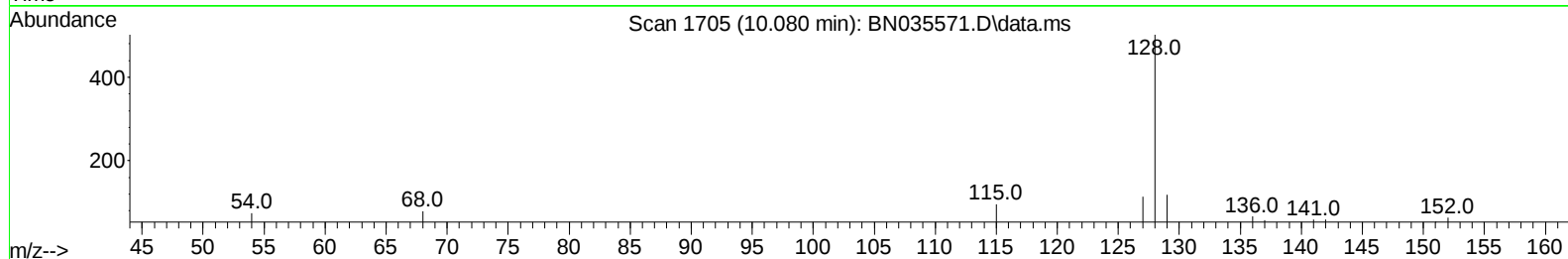
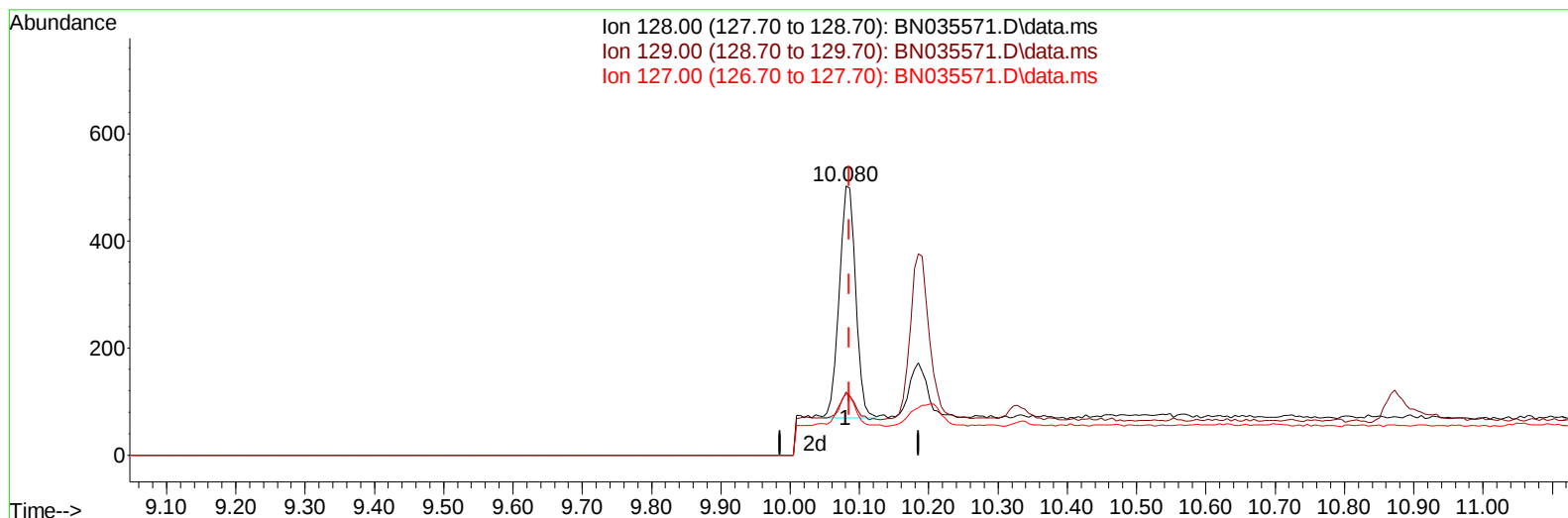
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Data File : BN035571.D
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Instrument :
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TIC: BN035571.D\data.ms

(5) Naphthalene

10.080min (-0.005) 0.03 ng/u1 m

response 713

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	12.40	23.51#
127.00	14.30	22.71#
0.00	0.00	0.00

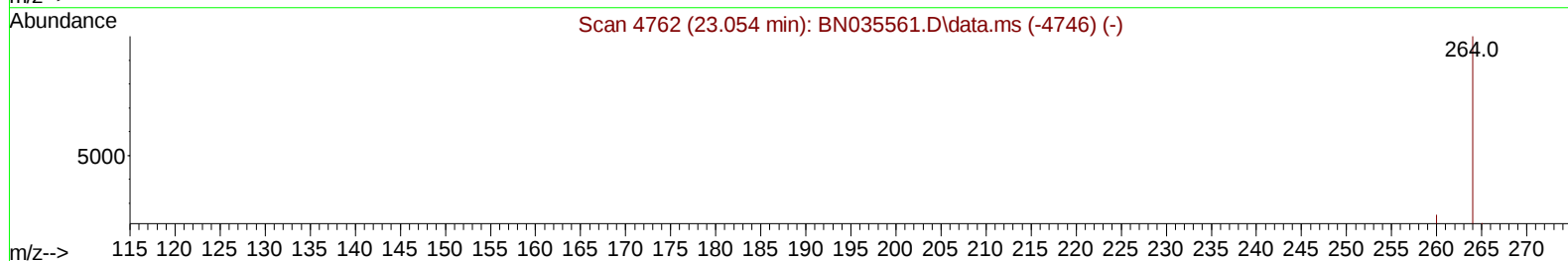
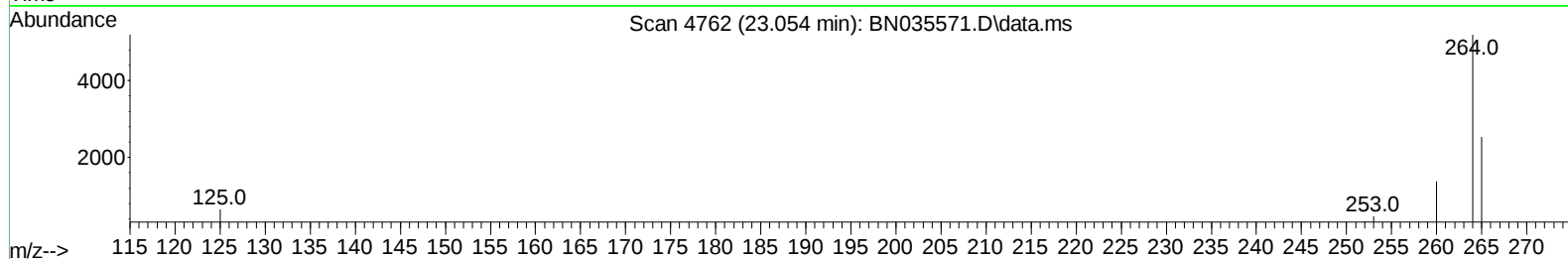
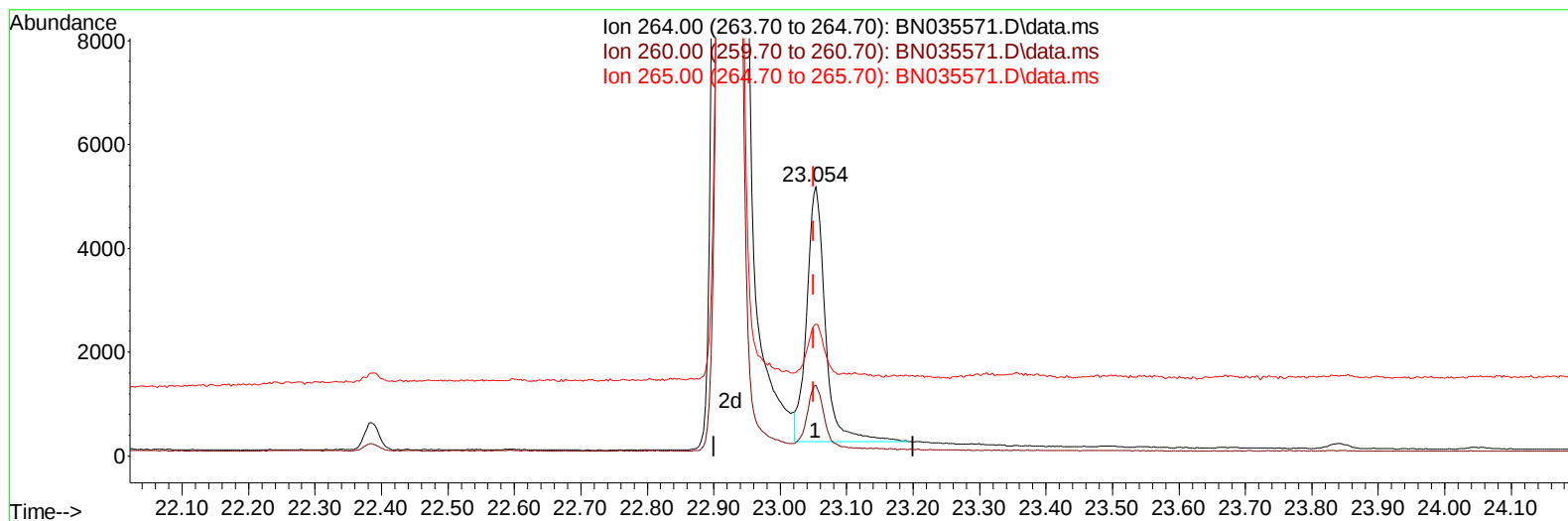
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Data File : BN035571.D
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Instrument :
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(23) Perylene-d12 (I)

23.054min (+ 0.003) 0.40 ng/u1

response 9618

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.20	26.40
265.00	75.50	48.90#
0.00	0.00	0.00

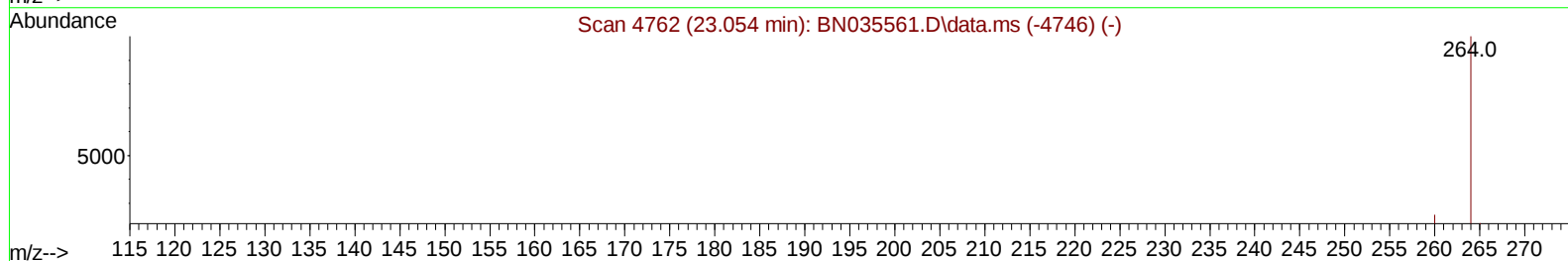
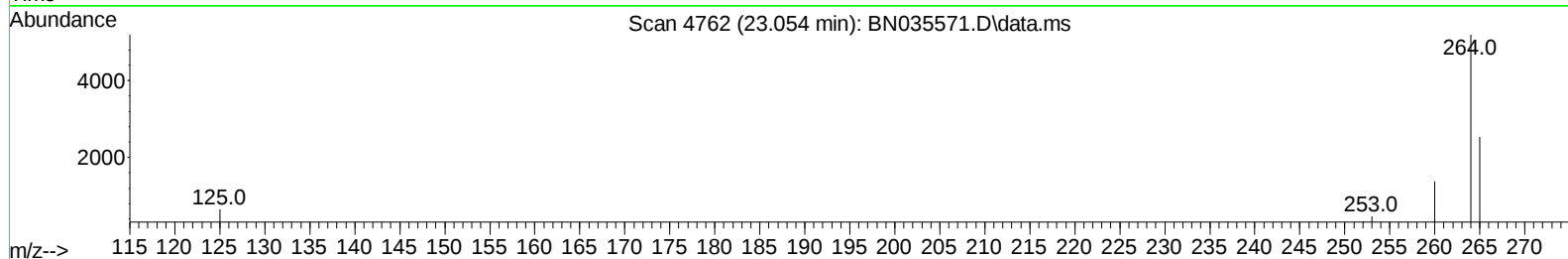
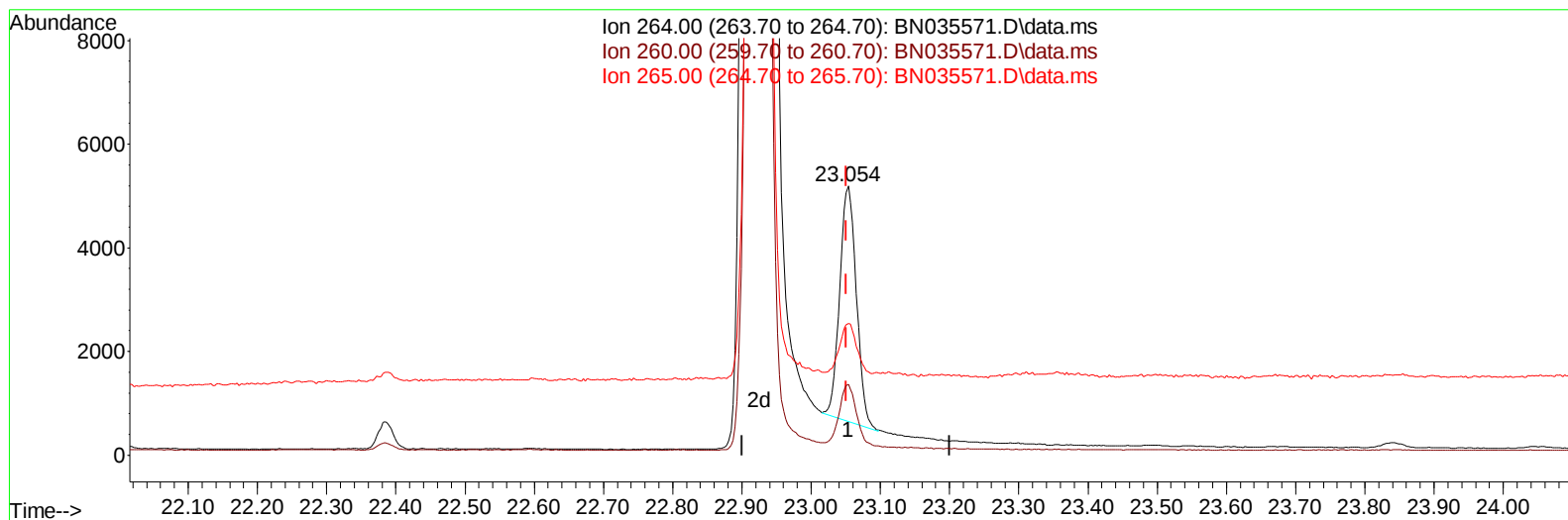
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ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28P5

Manual IntegrationsAPPROVED

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TIC: BN035571.D\data.ms

(23) Perylene-d12 (I)

23.054min (+ 0.003) 0.40 ng/ul m

response 7578

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.20	26.40
265.00	75.50	48.90#
0.00	0.00	0.00

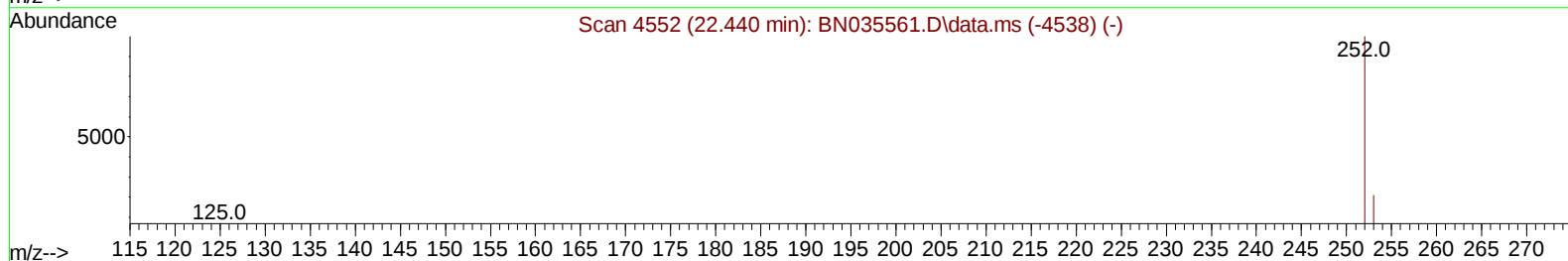
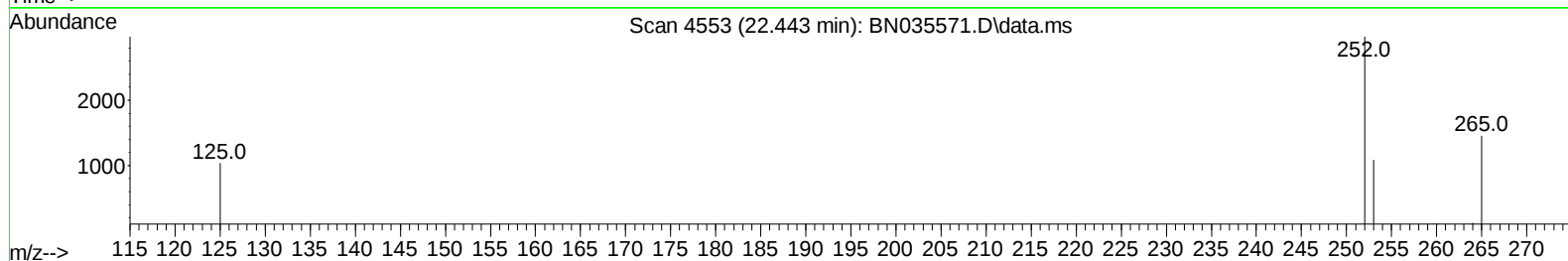
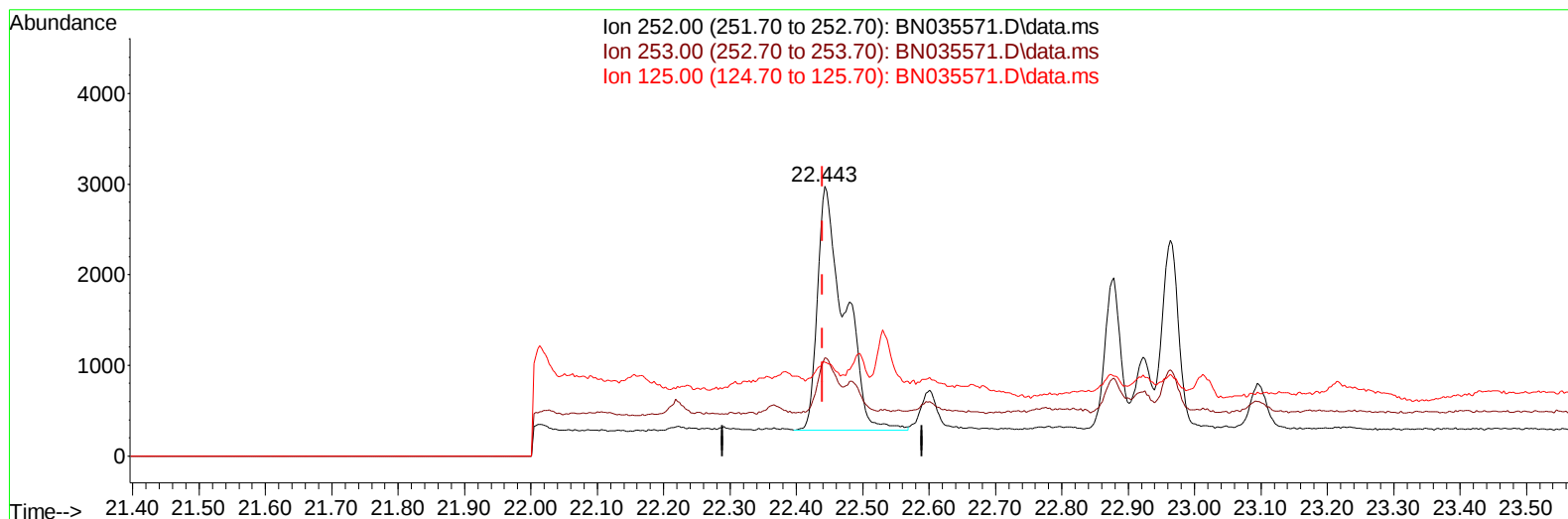
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Operator : RC/JU
Sample : P5153-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28P5

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TIC: BN035571.D\data.ms

(24) Benzo(b)fluoranthene

22.443min (+ 0.003) 0.30 ng/u1

response 7552

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	36.56
125.00	9.70	34.81#
0.00	0.00	0.00

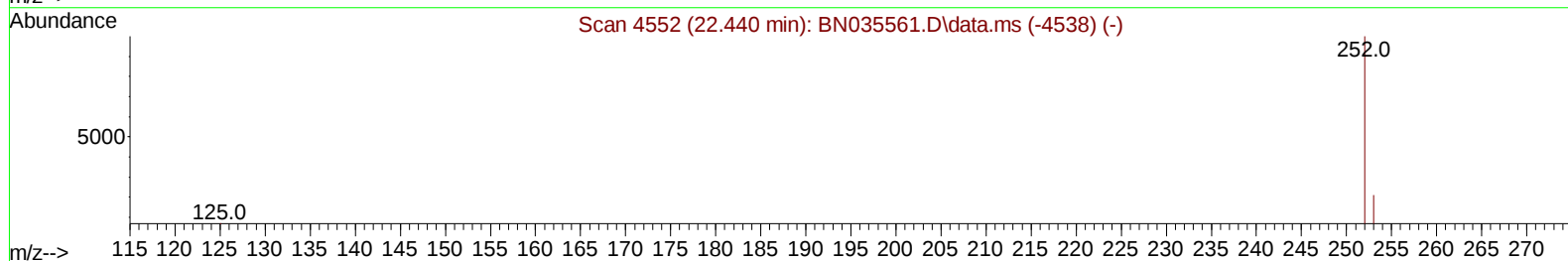
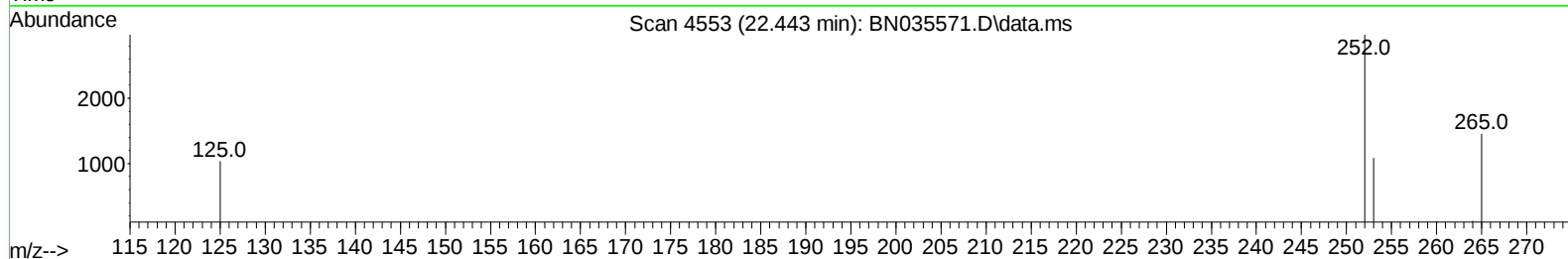
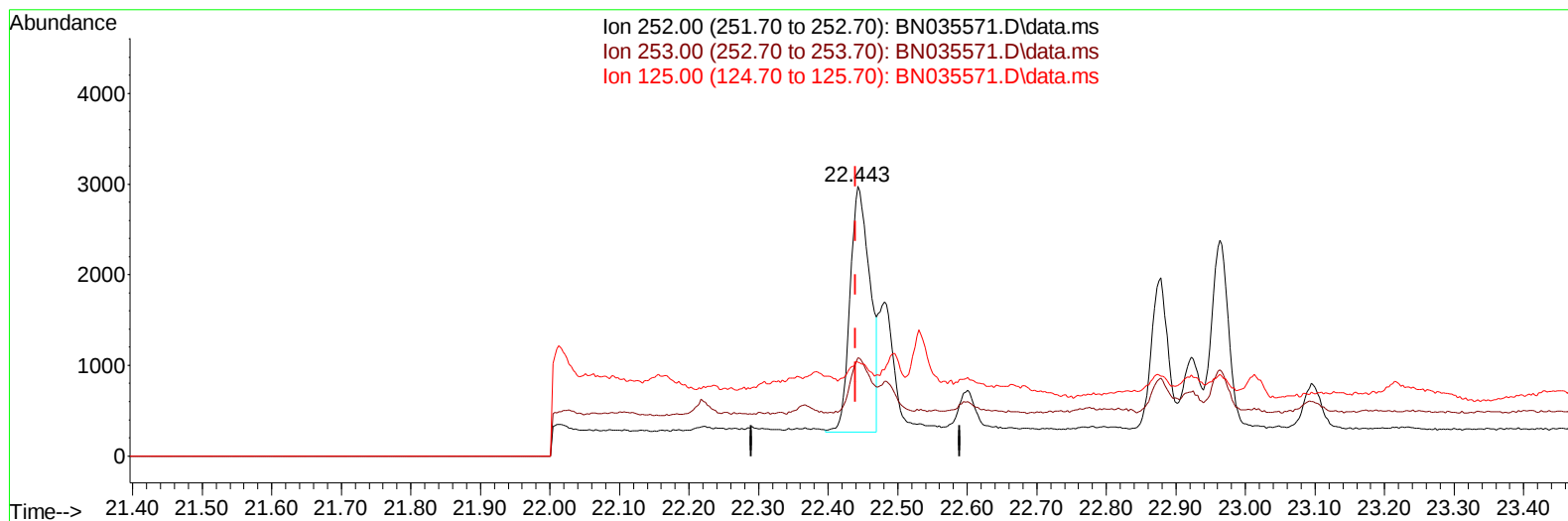
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035571.D
Acq On : 11 Dec 2024 17:53
Operator : RC/JU
Sample : P5153-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28P5

Manual IntegrationsAPPROVED

Quant Time: Dec 11 22:09:59 2024
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QLast Update : Tue Dec 10 16:10:57 2024
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Supervised By :mohammad ahmed 12/12/2024



TIC: BN035571.D\data.ms

(24) Benzo(b)fluoranthene

22.443min (+ 0.003) 0.21 ng/u1 m

response 5378

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	36.56
125.00	9.70	34.81#
0.00	0.00	0.00

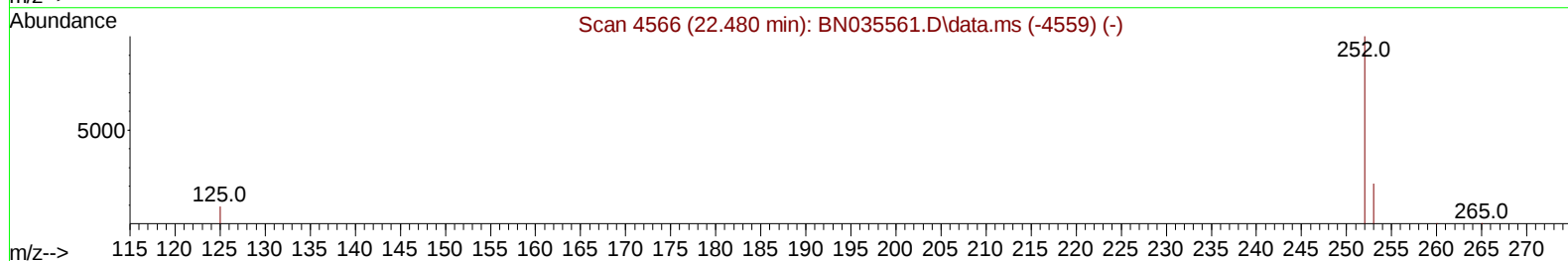
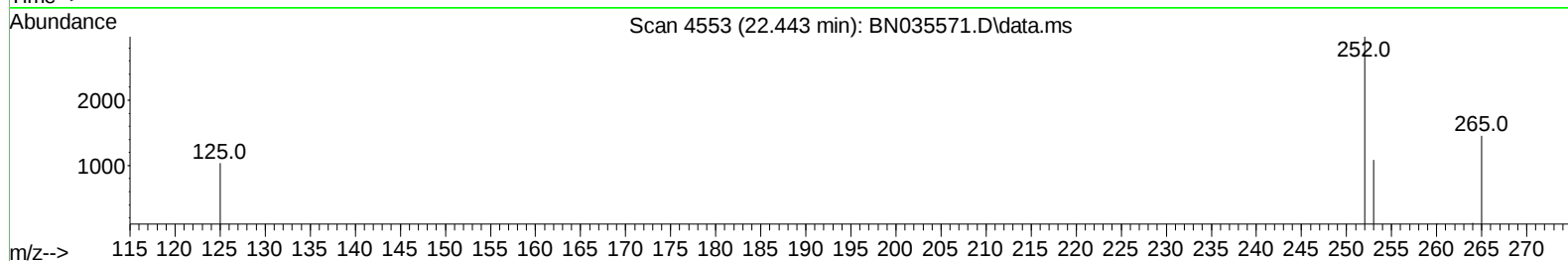
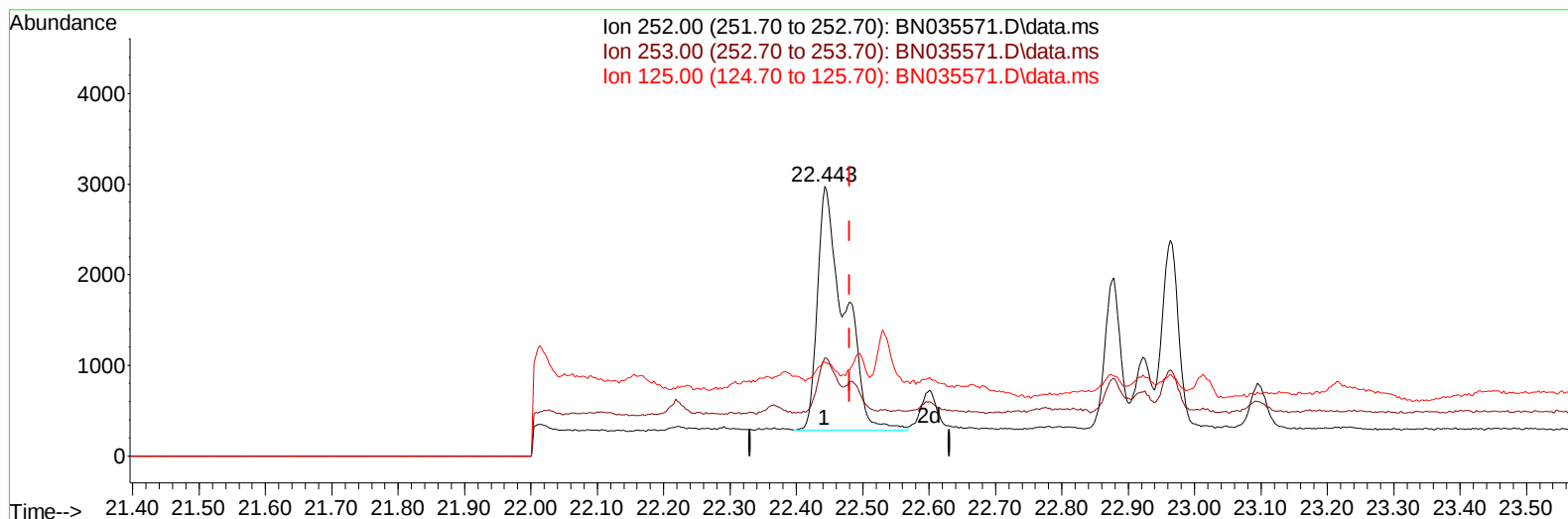
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Operator : RC/JU
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN035571.D\data.ms

(25) Benzo(k)fluoranthene

22.443min (-0.038) 0.29 ng/u1

response 7552

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	36.56#
125.00	10.70	34.81#
0.00	0.00	0.00

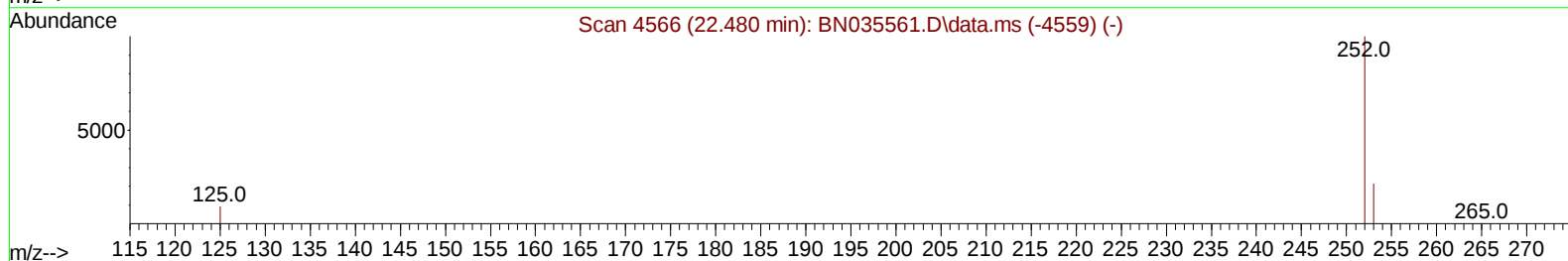
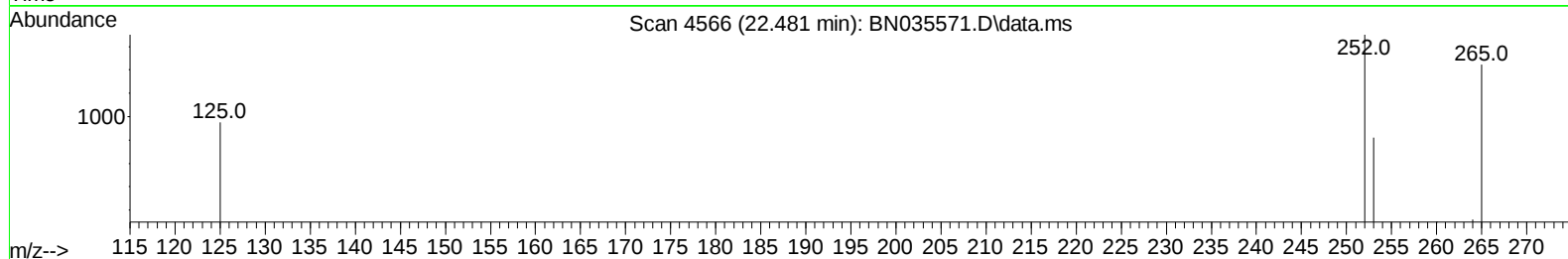
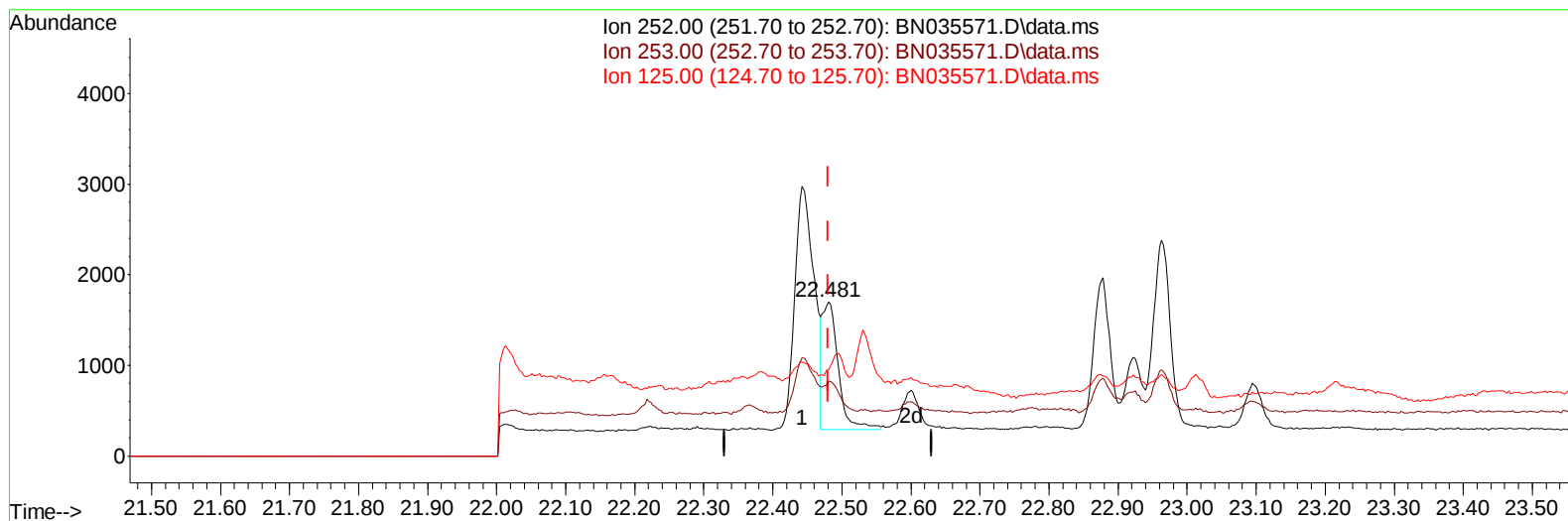
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035571.D
Acq On : 11 Dec 2024 17:53
Operator : RC/JU
Sample : P5153-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28P5

Manual IntegrationsAPPROVED

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Quant Time: Dec 11 22:09:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
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TIC: BN035571.D\data.ms

(25) Benzo(k)fluoranthene

22.481min (+ 0.000) 0.09 ng/u1 m

response 2234

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	48.32#
125.00	10.70	55.79#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
 Data File : BN035571.D
 Acq On : 11 Dec 2024 17:53
 Operator : RC/JU
 Sample : P5153-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28P5

Manual IntegrationsAPPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.288	152	2765	0.400	ng/ul	0.00
4) Naphthalene-d8	10.036	136	8289	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.949	164	5606	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.717	188	11795	0.400	ng/ul	0.00
17) Chrysene-d12	20.964	240	8568	0.400	ng/ul	# 0.00
23) Perylene-d12	23.054	264	7578m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.963	96	9389	3.715	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.637	152	2588	0.213	ng/ul	0.00
18) Fluoranthene-d10	18.768	212	5595	0.237	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.080	128	713m	0.034	ng/ul	
7) 2-Methylnaphthalene	11.714	142	645	0.045	ng/ul	96
8) 1-Methylnaphthalene	11.939	142	457	0.031	ng/ul	99
10) Acenaphthylene	13.662	152	455	0.020	ng/ul#	63
15) Phenanthrene	16.760	178	4700	0.151	ng/ul	97
16) Anthracene	16.848	178	701	0.024	ng/ul#	76
19) Fluoranthene	18.800	202	9948	0.333	ng/ul	98
20) Pyrene	19.167	202	9242	0.298	ng/ul#	94
21) Benzo(a)anthracene	20.947	228	3582	0.120	ng/ul#	91
22) Chrysene	20.999	228	4486	0.150	ng/ul#	94
24) Benzo(b)fluoranthene	22.443	252	5378m	0.215	ng/ul	
25) Benzo(k)fluoranthene	22.481	252	2234m	0.087	ng/ul	
26) Benzo(a)pyrene	22.963	252	3537	0.155	ng/ul#	66
27) Indeno(1,2,3-cd)pyrene	25.084	276	2560	0.083	ng/ul#	90
29) Benzo(g,h,i)perylene	25.698	276	2598	0.107	ng/ul#	78

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

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