

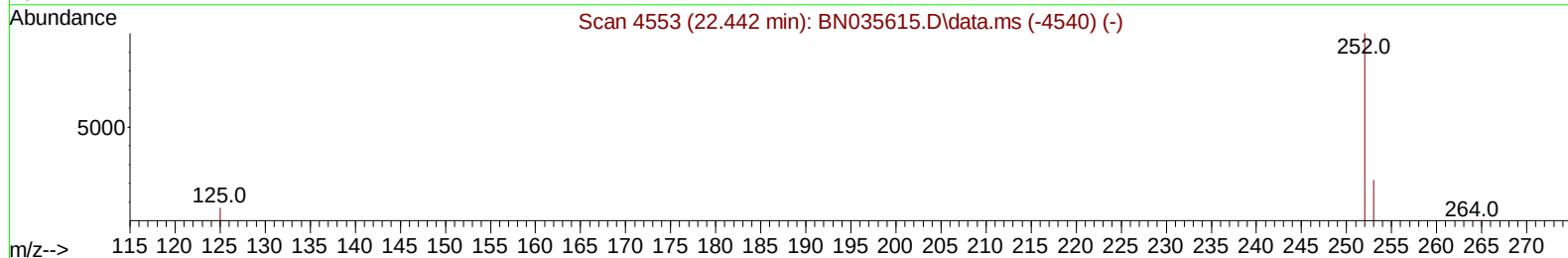
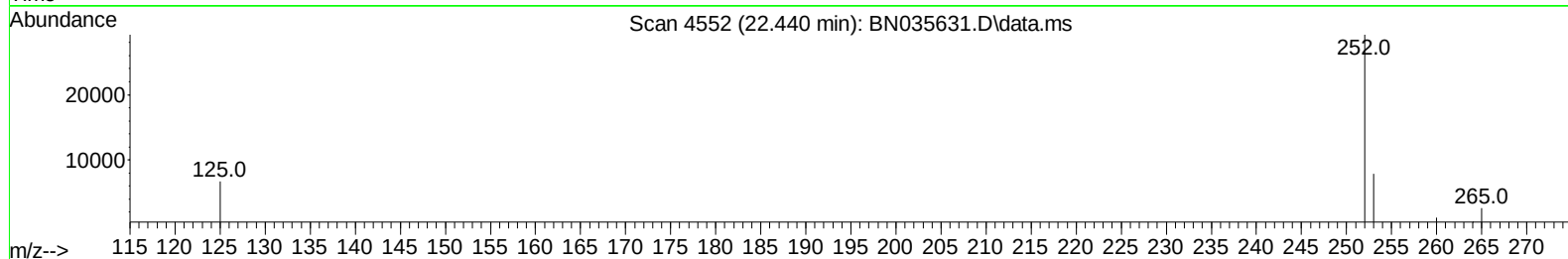
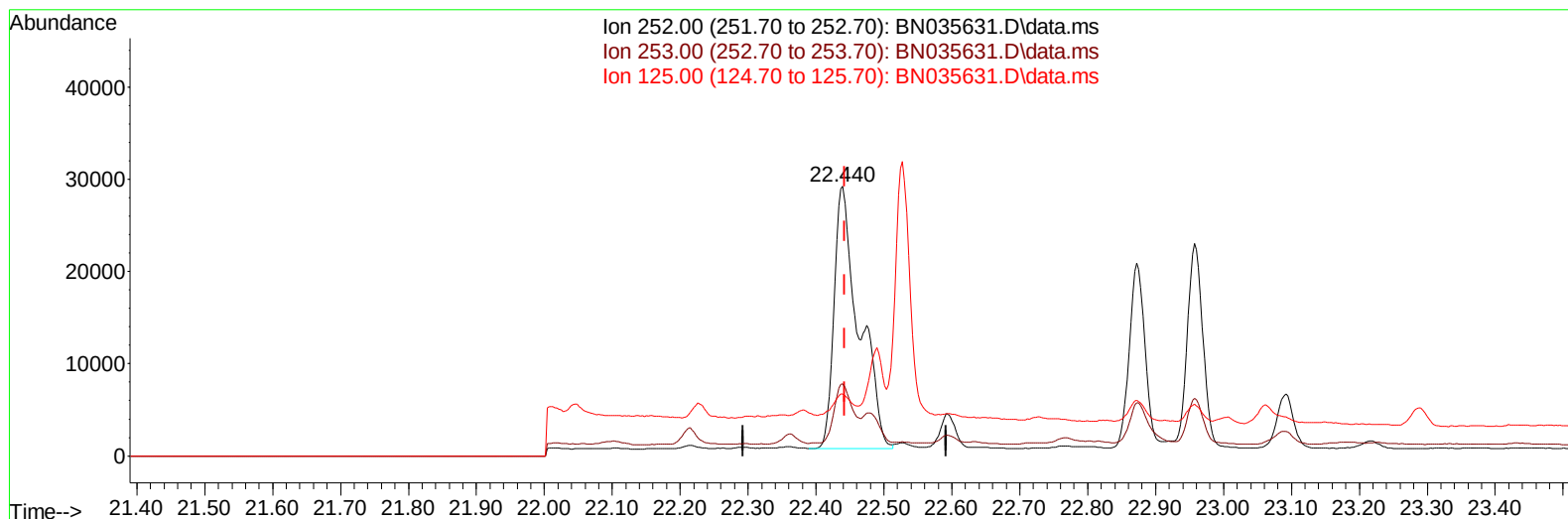
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035631.D
Acq On : 17 Dec 2024 00:12
Operator : RC/JU
Sample : P5232-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28S2

Manual IntegrationsAPPROVED

Quant Time: Dec 17 00:40:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



TIC: BN035631.D\data.ms

(24) Benzo(b)fluoranthene

22.440min (-0.003) 2.71 ng/u1

response 72304

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	26.88
125.00	18.80	23.02
0.00	0.00	0.00

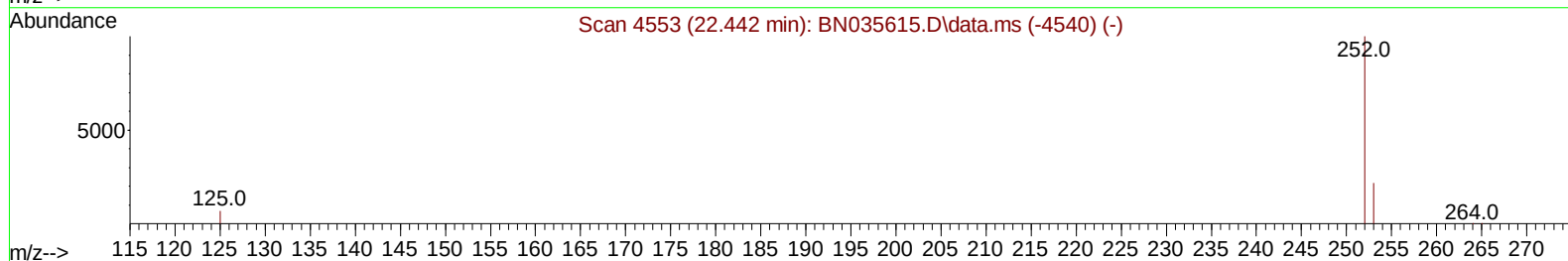
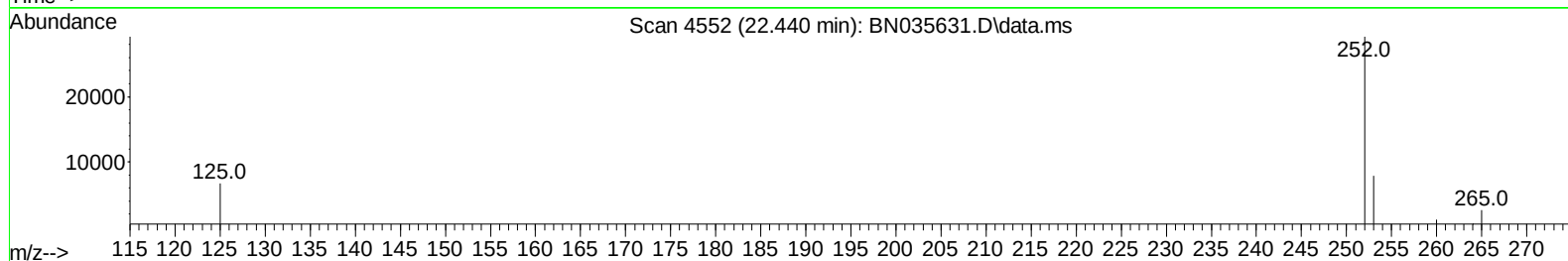
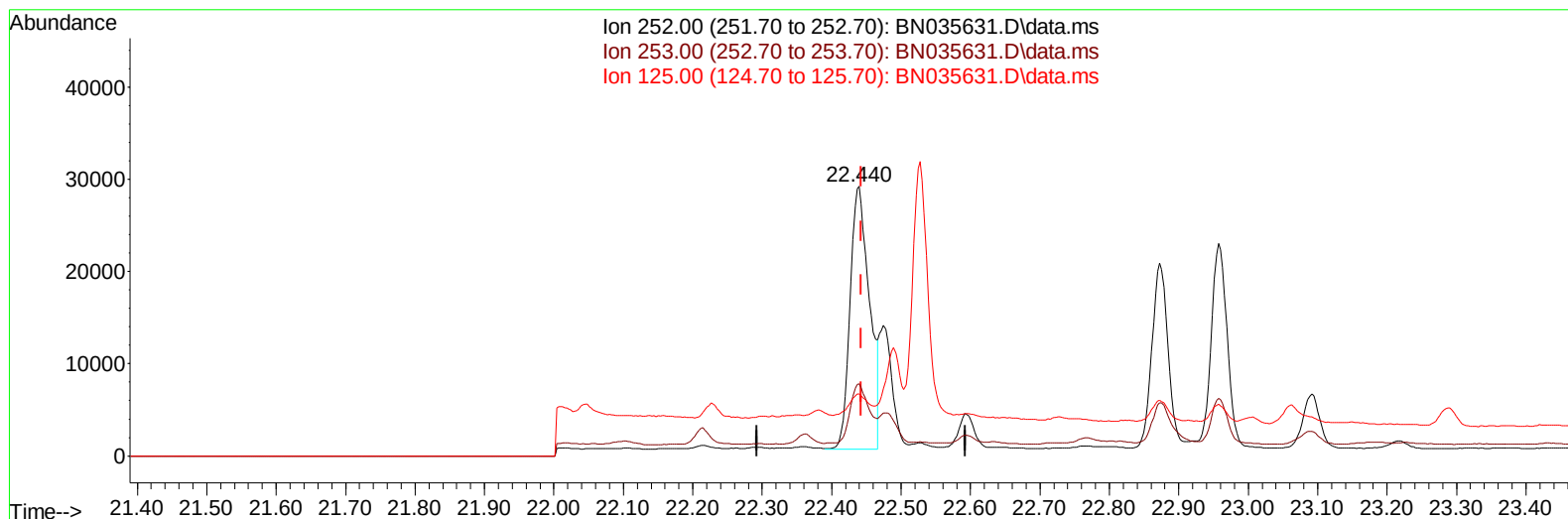
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035631.D
Acq On : 17 Dec 2024 00:12
Operator : RC/JU
Sample : P5232-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BN035631.D\data.ms

(24) Benzo(b)fluoranthene

22.440min (-0.003) 2.08 ng/ul m

response 55570

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	26.88
125.00	18.80	23.02
0.00	0.00	0.00

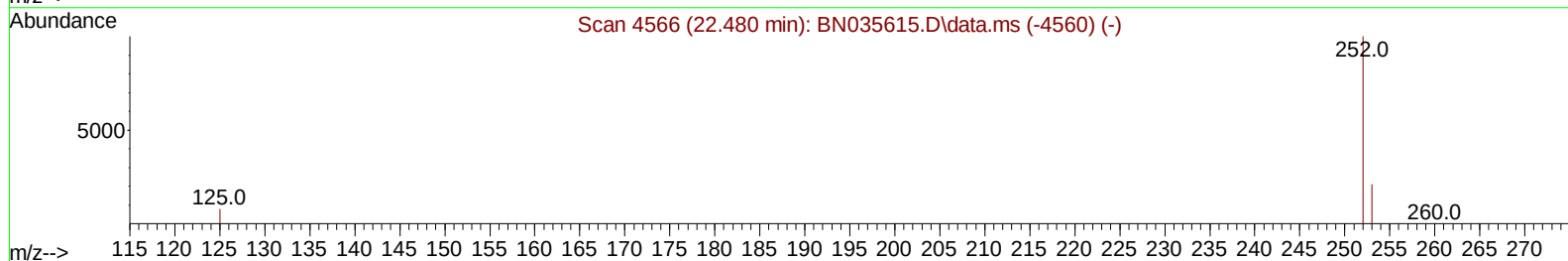
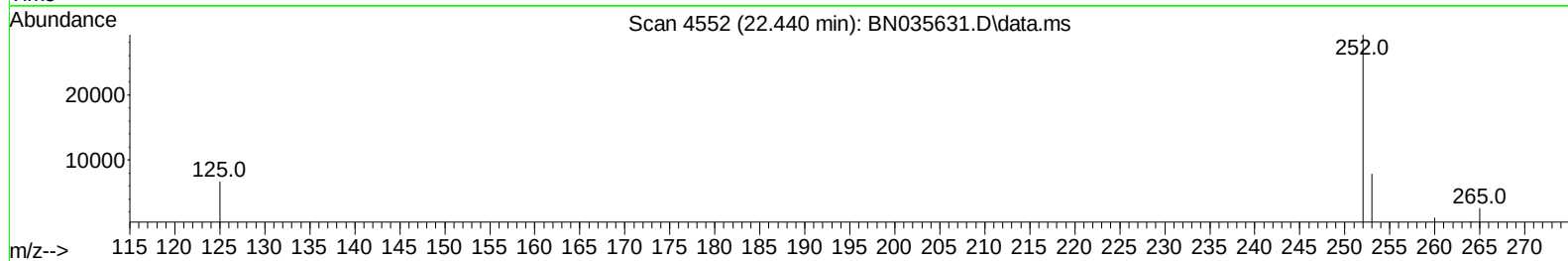
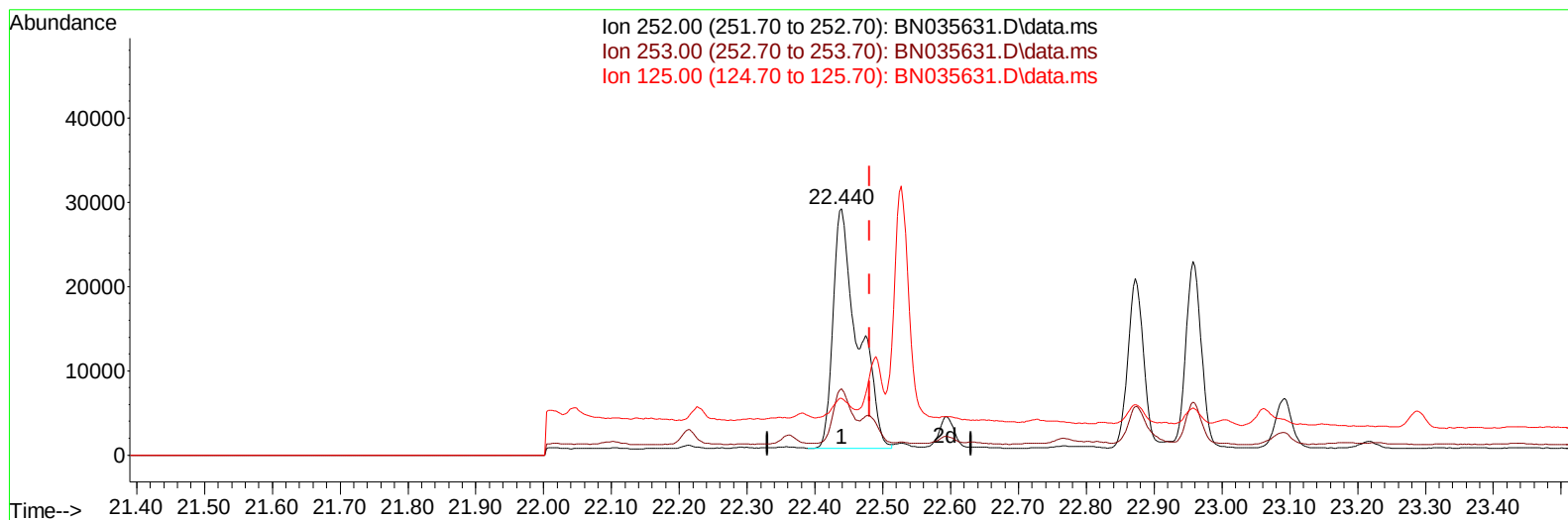
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
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Operator : RC/JU
Sample : P5232-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28S2

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TIC: BN035631.D\data.ms

(25) Benzo(k)fluoranthene

22.440min (-0.041) 2.45 ng/u1

response 72304

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.60	26.88
125.00	19.10	23.02#
0.00	0.00	0.00

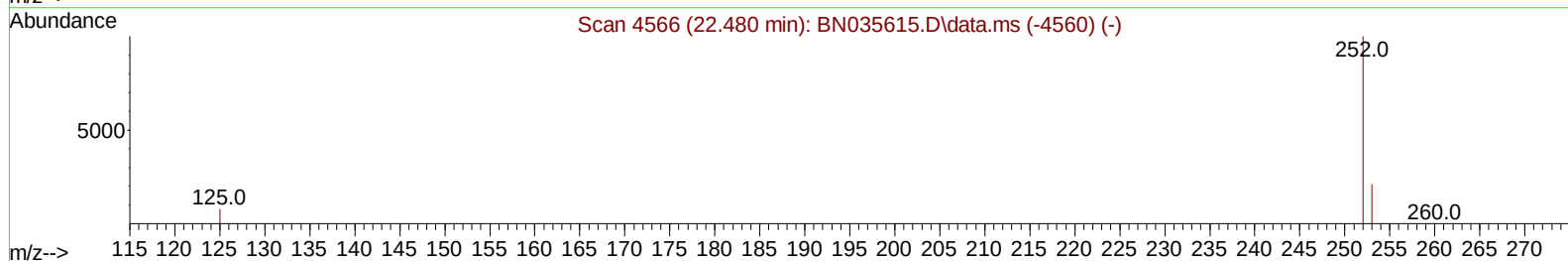
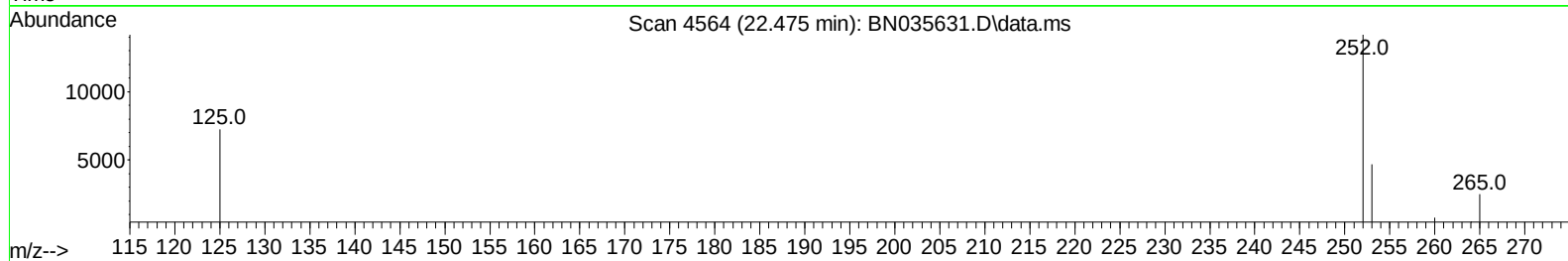
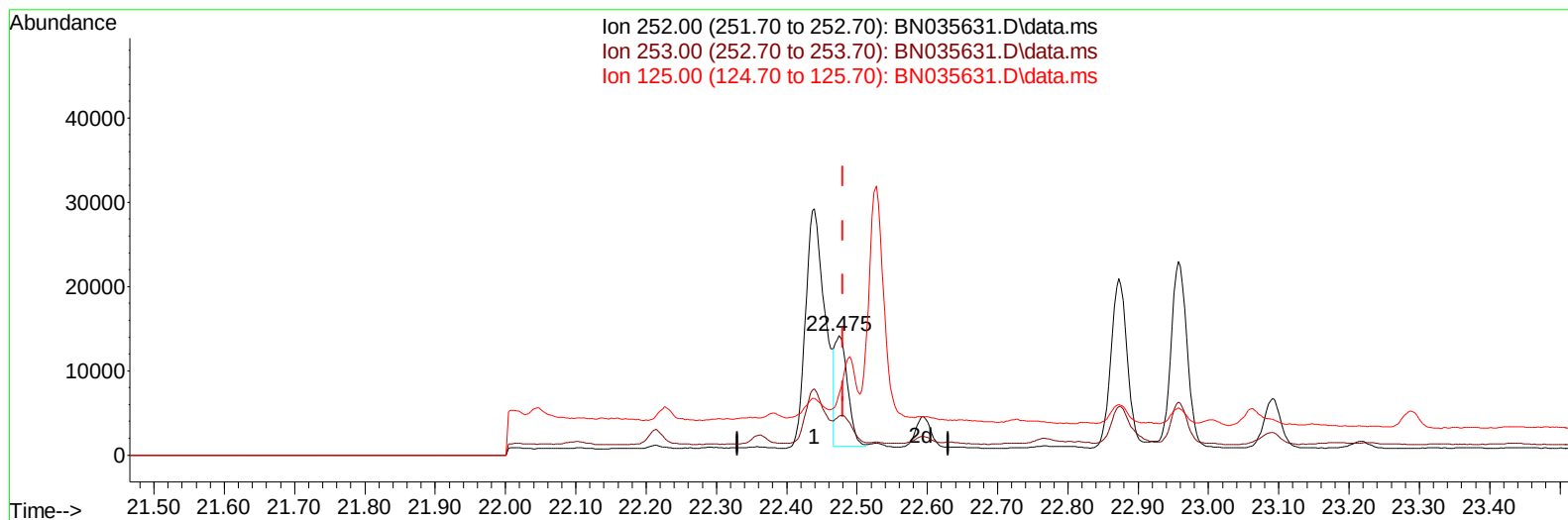
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035631.D
Acq On : 17 Dec 2024 00:12
Operator : RC/JU
Sample : P5232-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28S2

Manual IntegrationsAPPROVED

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TIC: BN035631.D\data.ms

(25) Benzo(k)fluoranthene

22.475min (-0.006) 0.56 ng/ul m

response 16462

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.60	32.92
125.00	19.10	51.20#
0.00	0.00	0.00

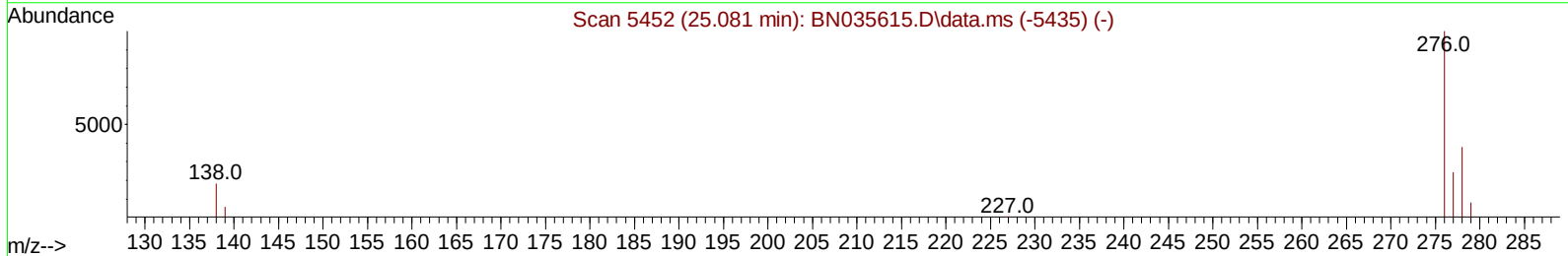
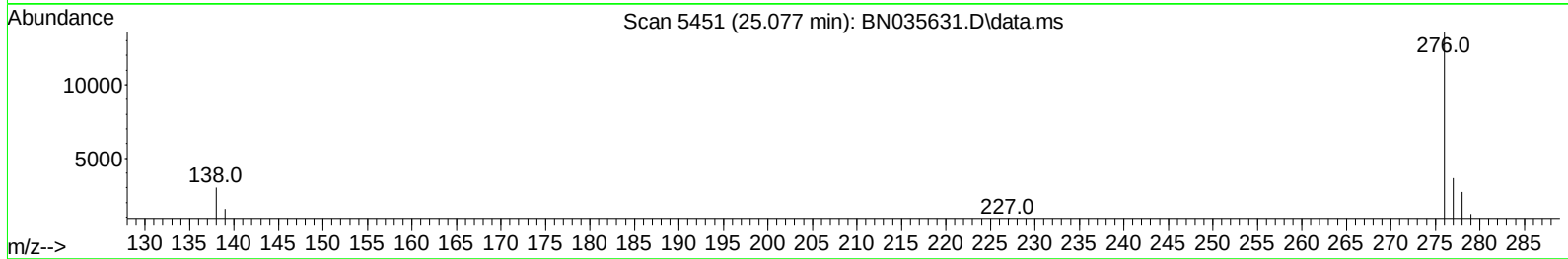
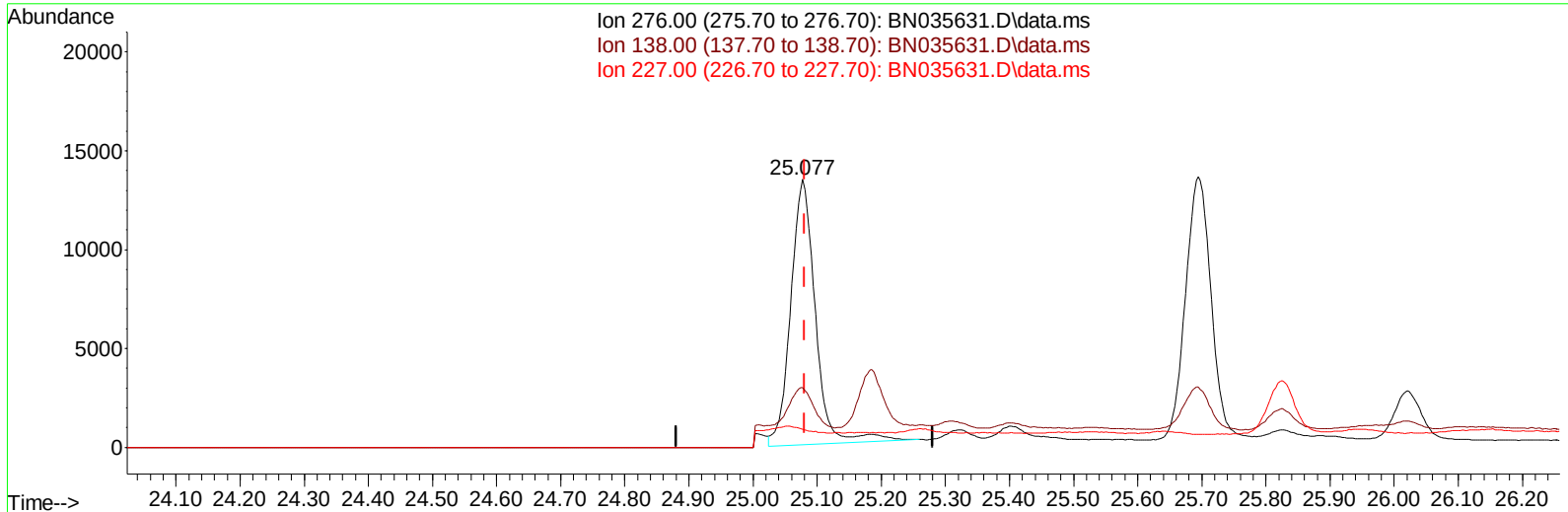
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035631.D
Acq On : 17 Dec 2024 00:12
Operator : RC/JU
Sample : P5232-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28S2

Manual IntegrationsAPPROVED

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TIC: BN035631.D\data.ms

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

25.077min (-0.003) 1.15 ng/u1

response 36037

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.40	13.14#
227.00	27.00	0.00#
0.00	0.00	0.00

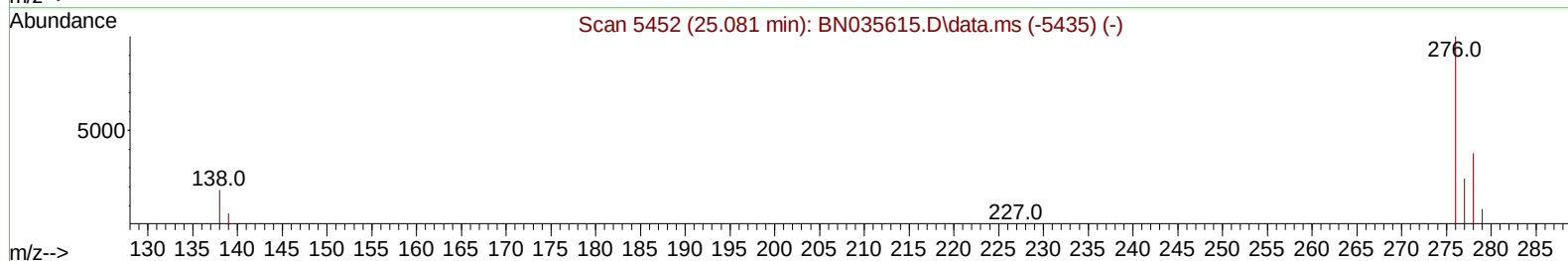
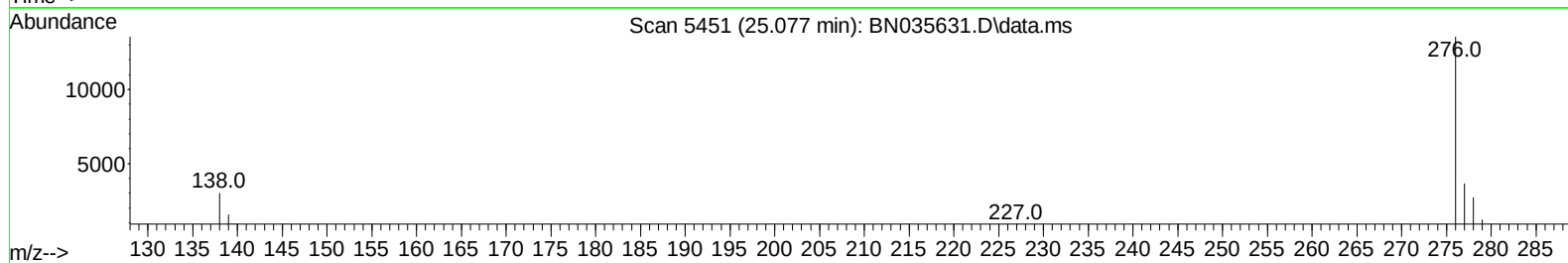
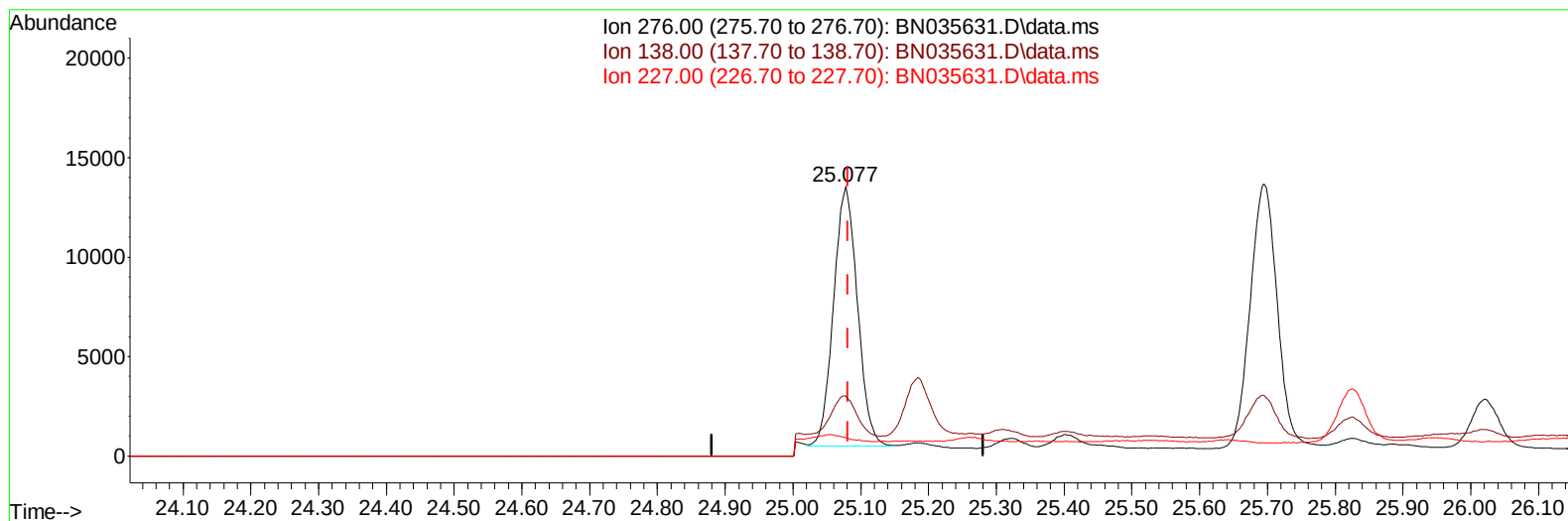
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035631.D
Acq On : 17 Dec 2024 00:12
Operator : RC/JU
Sample : P5232-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28S2

Manual IntegrationsAPPROVED

Quant Time: Dec 17 00:40:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
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TIC: BN035631.D\data.ms

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

25.077min (-0.003) 1.01 ng/ul m

response 31858

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.40	14.87
227.00	27.00	0.00#
0.00	0.00	0.00

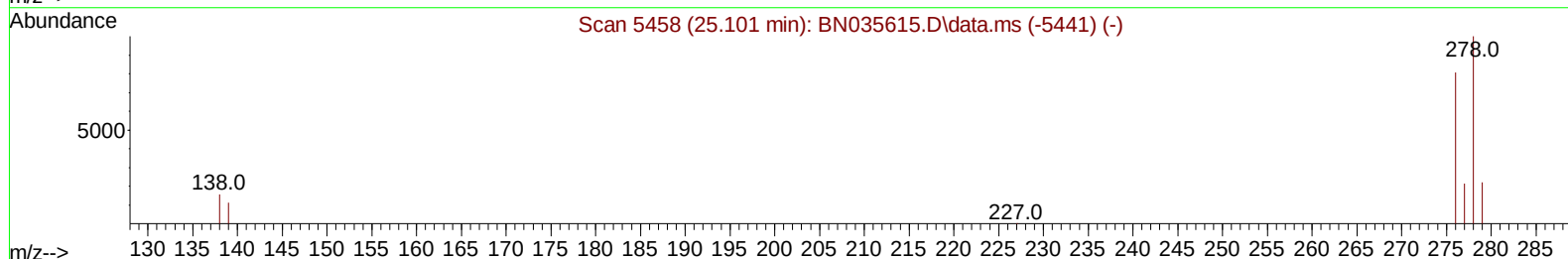
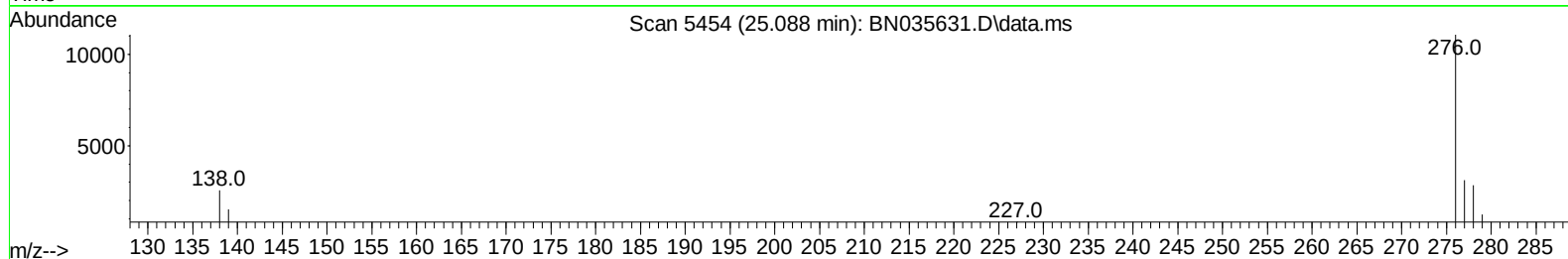
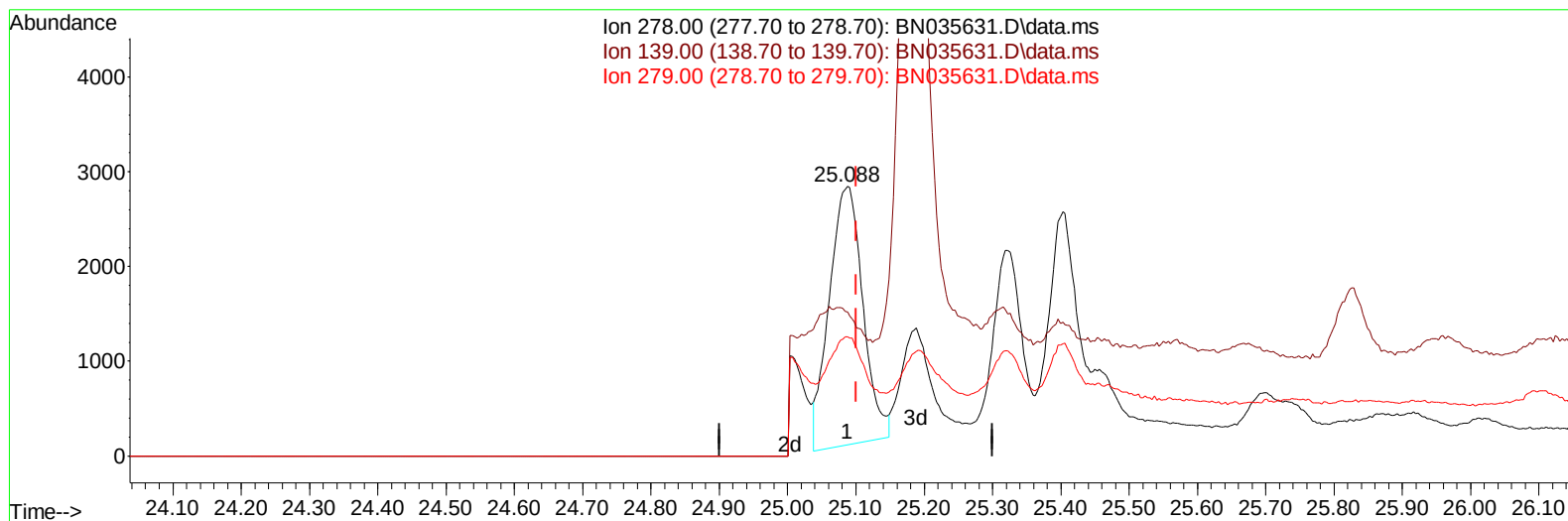
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Operator : RC/JU
Sample : P5232-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
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TIC: BN035631.D\data.ms

(28) Dibenzo(a,h)anthracene

25.088min (-0.013) 0.39 ng/u1

response 9372

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	24.80	53.39#
279.00	30.00	44.32#
0.00	0.00	0.00

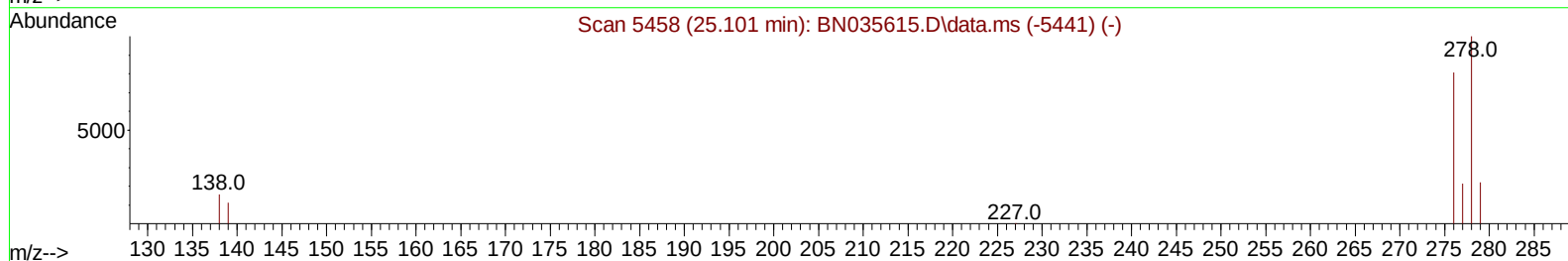
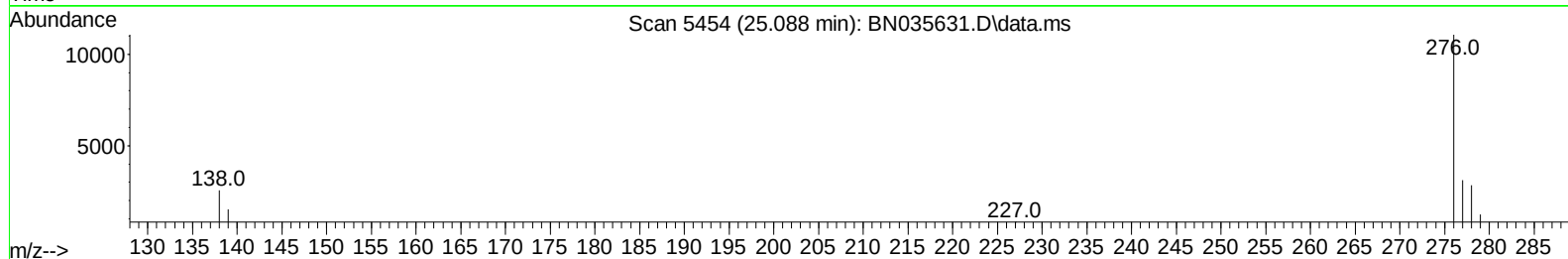
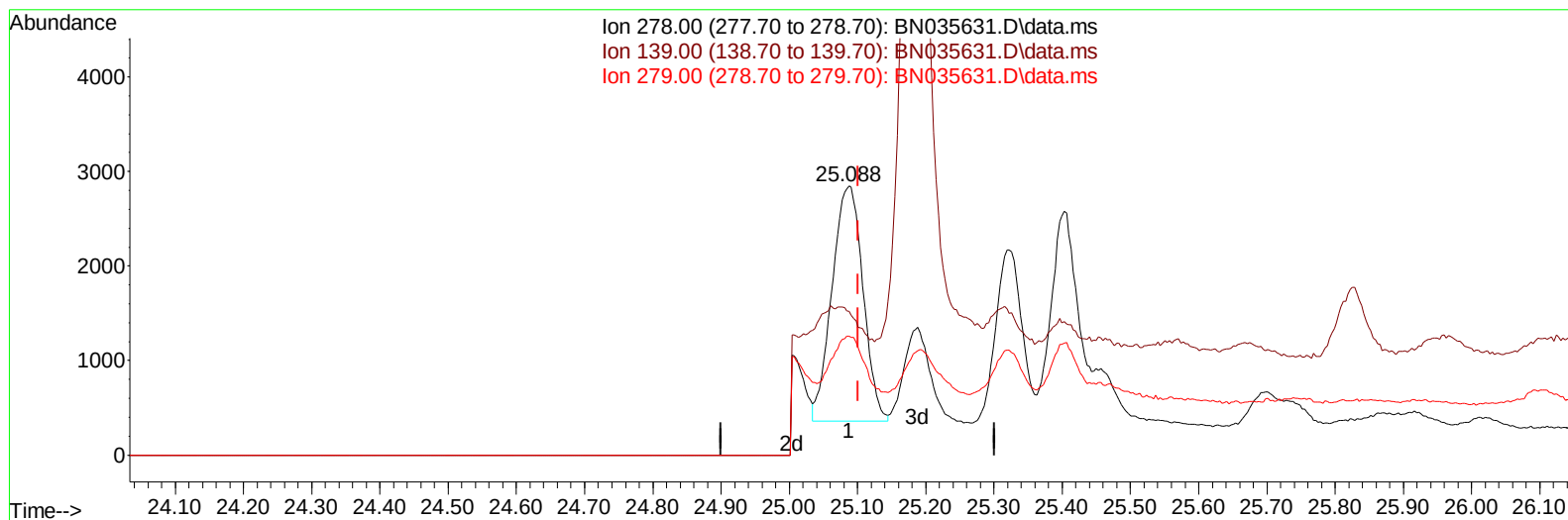
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035631.D
Acq On : 17 Dec 2024 00:12
Operator : RC/JU
Sample : P5232-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28S2

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024

Quant Time: Dec 17 00:40:08 2024
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TIC: BN035631.D\data.ms

(28) Dibenzo(a,h)anthracene

25.088min (-0.013) 0.33 ng/ul m

response 7844

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	24.80	53.39#
279.00	30.00	44.32#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
 Data File : BN035631.D
 Acq On : 17 Dec 2024 00:12
 Operator : RC/JU
 Sample : P5232-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28S2

Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.284	152	2424	0.400	ng/ul	0.00
4) Naphthalene-d8	10.031	136	7361	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.944	164	5006	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.713	188	10508	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.961	240	8810	0.400	ng/ul	# 0.00
23) Perylene-d12	23.048	264	9058	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	6553	3.049	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.631	152	2118	0.202	ng/ul	0.00
18) Fluoranthene-d10	18.768	212	5093	0.198	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.075	128	13419	0.743	ng/ul	97
7) 2-Methylnaphthalene	11.708	142	6153	0.506	ng/ul	98
8) 1-Methylnaphthalene	11.934	142	3032	0.241	ng/ul	98
10) Acenaphthylene	13.657	152	2783	0.143	ng/ul#	88
11) Acenaphthene	14.009	153	794	0.054	ng/ul#	93
12) Fluorene	15.013	166	2172	0.127	ng/ul#	92
14) Pentachlorophenol	16.380	266	101	0.037	ng/ul#	81
15) Phenanthrene	16.755	178	36241	1.378	ng/ul	99
16) Anthracene	16.848	178	7828	0.318	ng/ul#	93
19) Fluoranthene	18.795	202	44198	1.403	ng/ul	99
20) Pyrene	19.167	202	42244	1.217	ng/ul	98
21) Benzo(a)anthracene	20.944	228	26054	0.892	ng/ul#	91
22) Chrysene	20.996	228	36270	1.196	ng/ul#	95
24) Benzo(b)fluoranthene	22.440	252	55570m	2.082	ng/ul	
25) Benzo(k)fluoranthene	22.475	252	16462m	0.558	ng/ul	
26) Benzo(a)pyrene	22.957	252	35349	1.367	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.077	276	31858m	1.012	ng/ul	
28) Dibenzo(a,h)anthracene	25.088	278	7844m	0.326	ng/ul	
29) Benzo(g,h,i)perylene	25.695	276	37420	1.482	ng/ul	97

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

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