

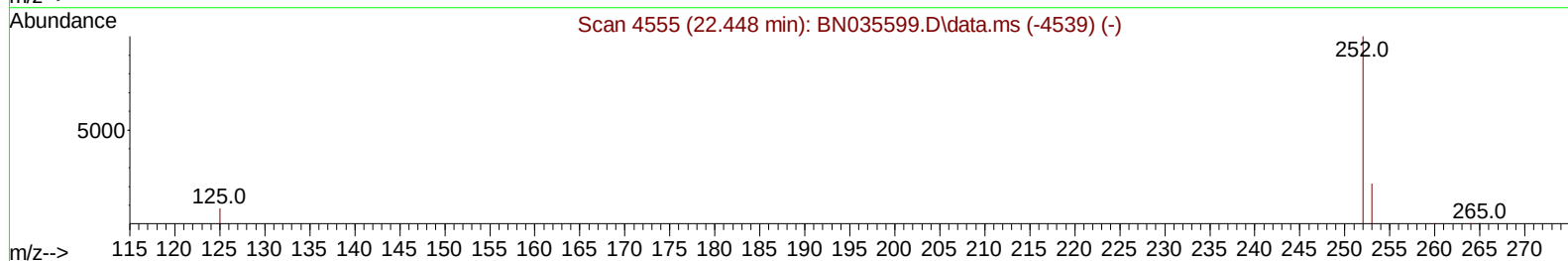
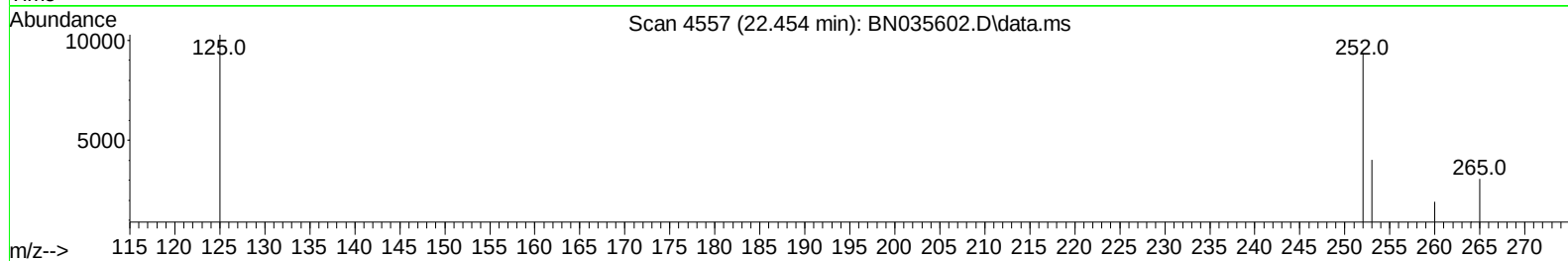
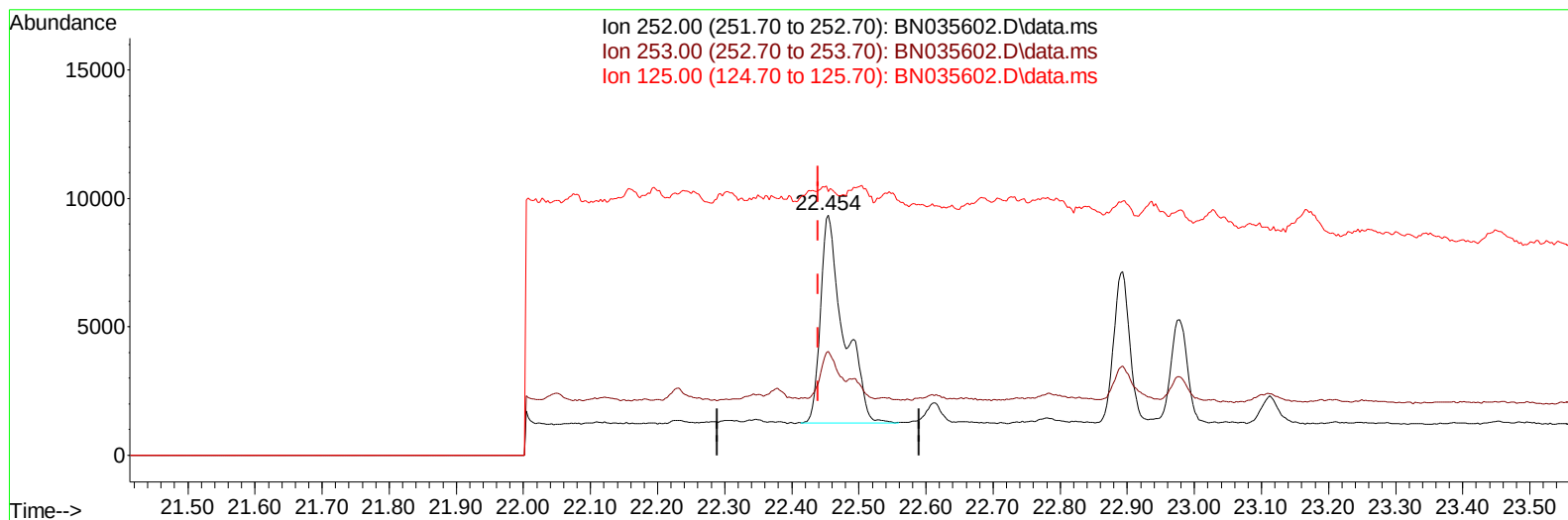
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
Data File : BN035602.D
Acq On : 13 Dec 2024 18:19
Operator : RC/JU
Sample : P5153-16DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28Q3DL

Manual IntegrationsAPPROVED

Quant Time: Dec 13 21:06:26 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: BN035602.D\data.ms

(24) Benzo(b)fluoranthene

22.454min (+ 0.015) 1.01 ng/u1

response 19642

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	43.06
125.00	9.70	109.79#
0.00	0.00	0.00

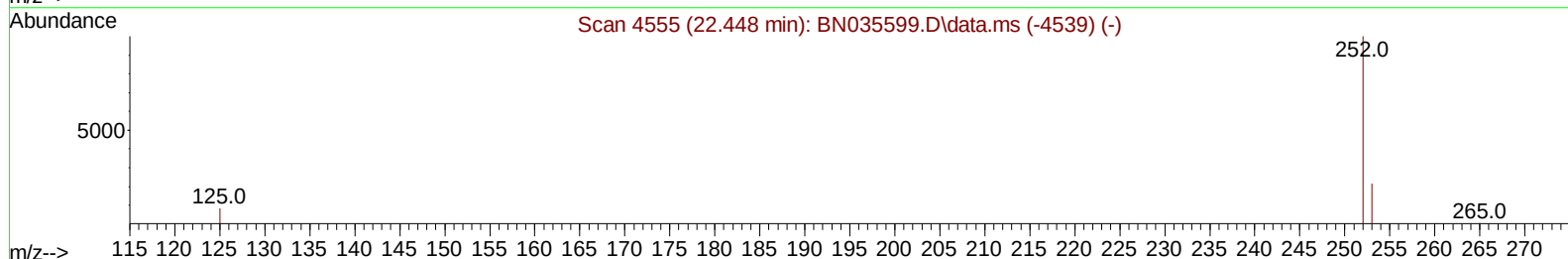
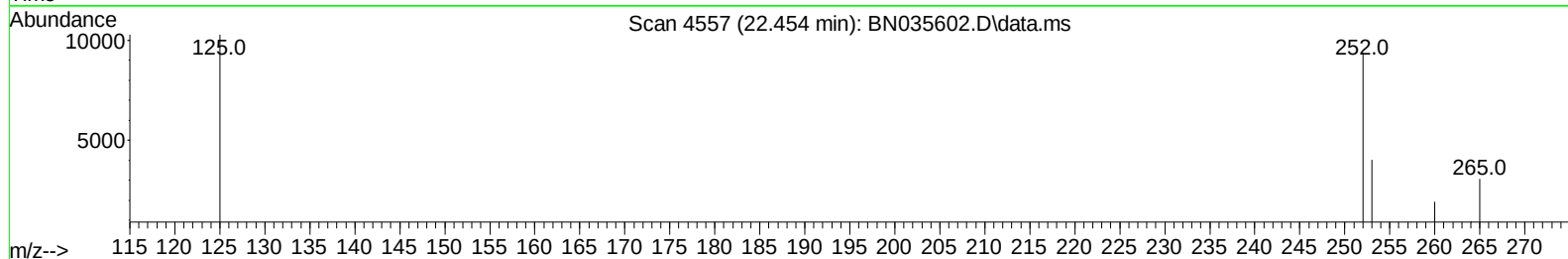
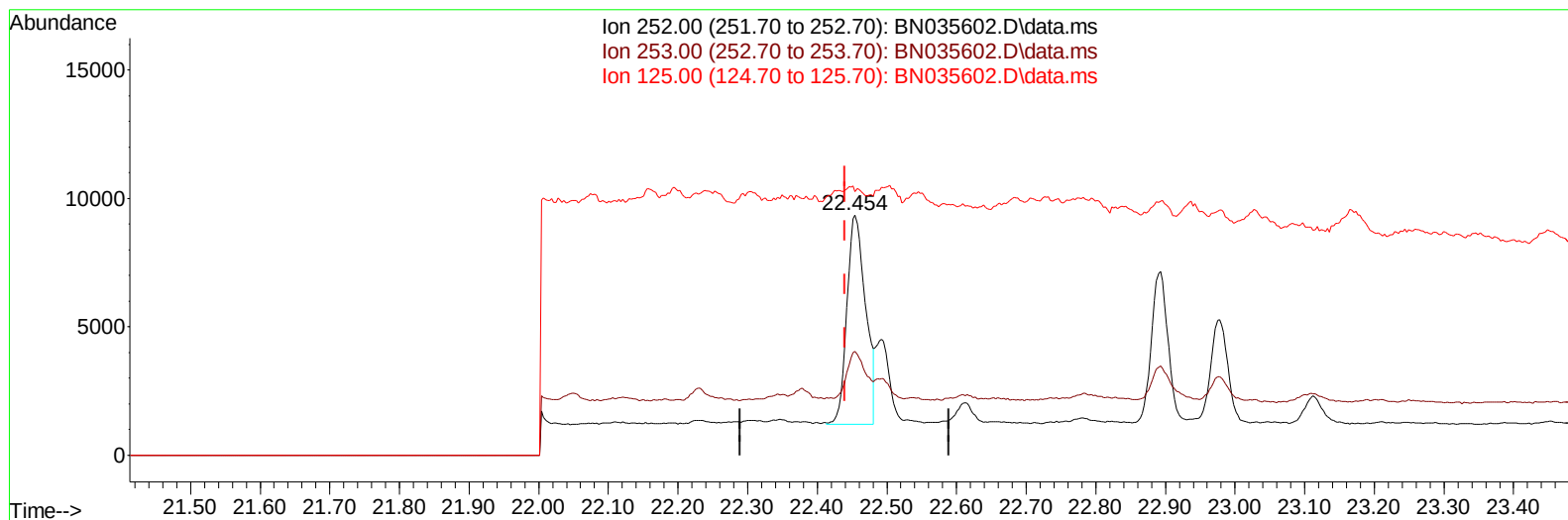
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
Data File : BN035602.D
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Operator : RC/JU
Sample : P5153-16DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28Q3DL

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TIC: BN035602.D\data.ms

(24) Benzo(b)fluoranthene

22.454min (+ 0.015) 0.78 ng/ul m

response 15226

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	43.06
125.00	9.70	109.79#
0.00	0.00	0.00

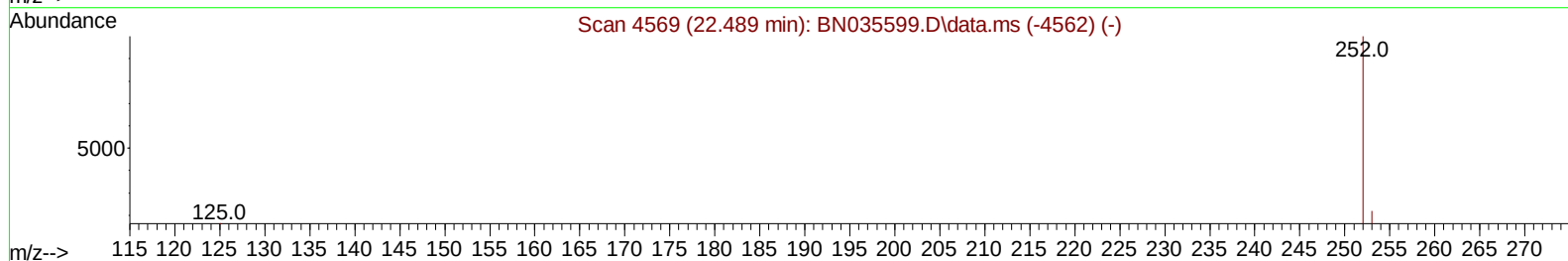
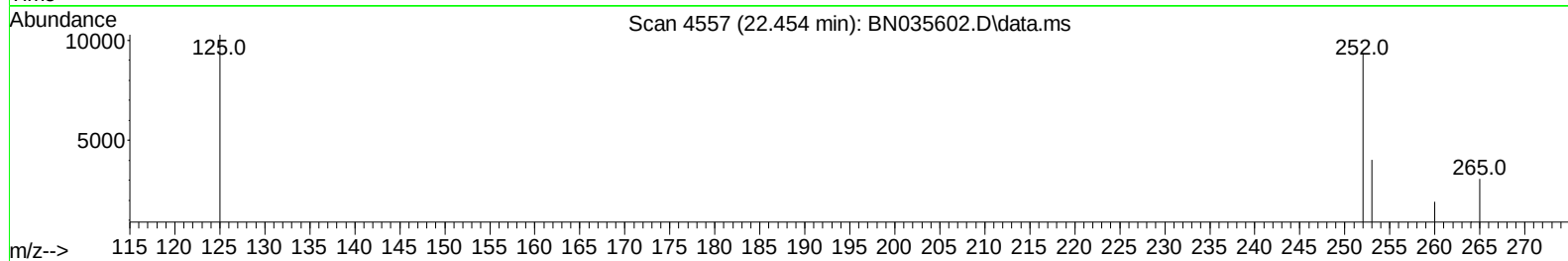
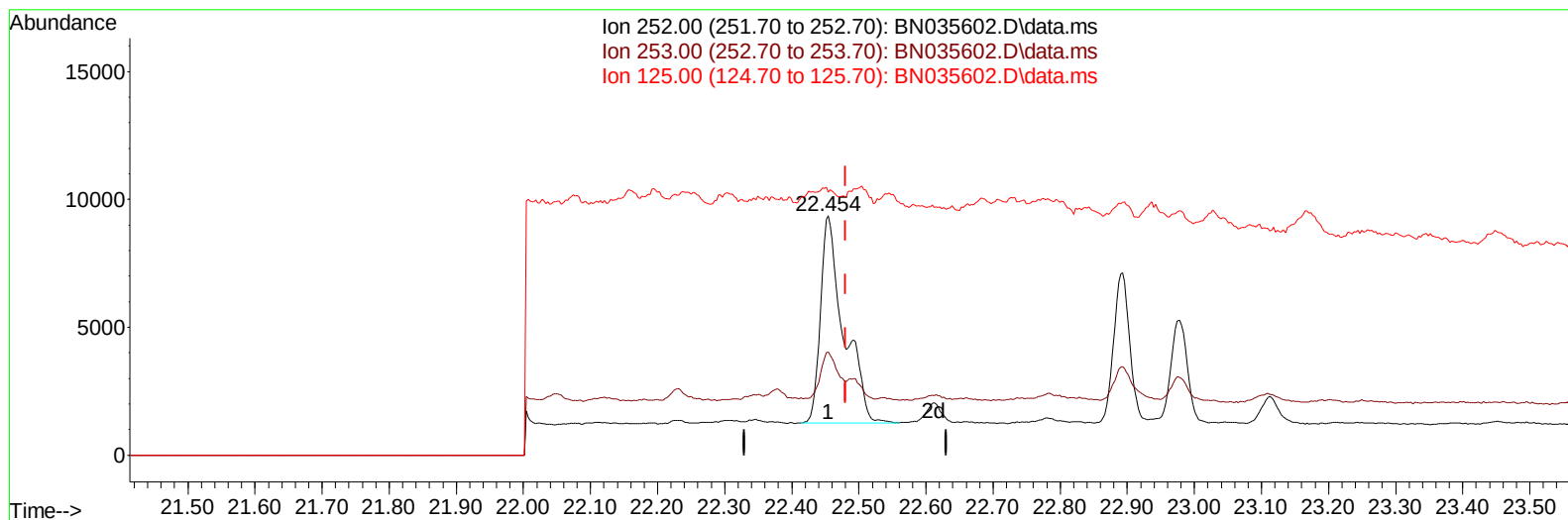
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Data File : BN035602.D
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Sample : P5153-16DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN035602.D\data.ms

(25) Benzo(k)fluoranthene

22.454min (-0.026) 0.98 ng/u1

response 19642

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	43.06#
125.00	10.70	109.79#
0.00	0.00	0.00

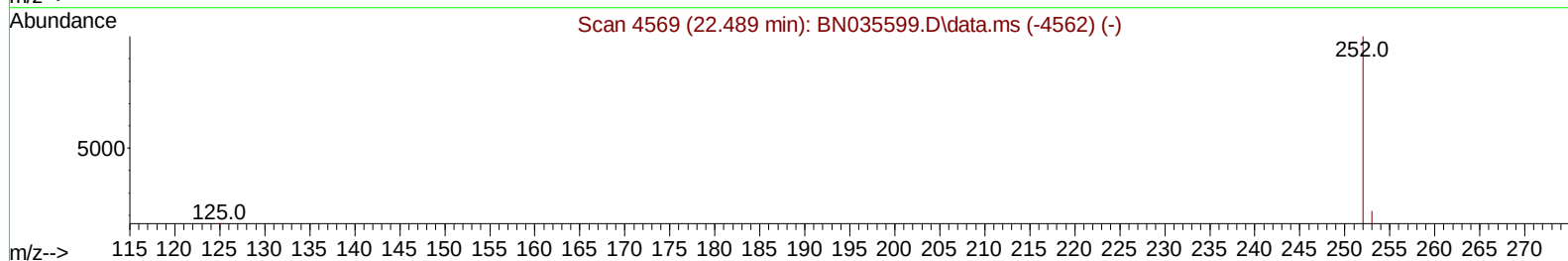
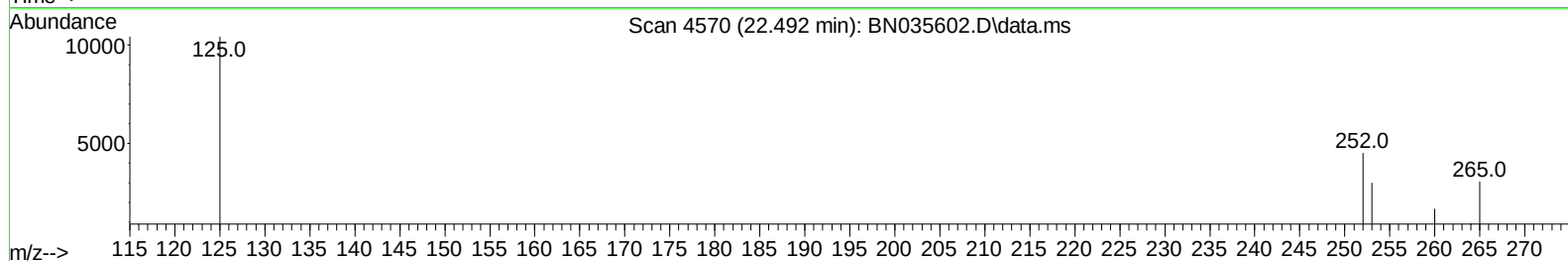
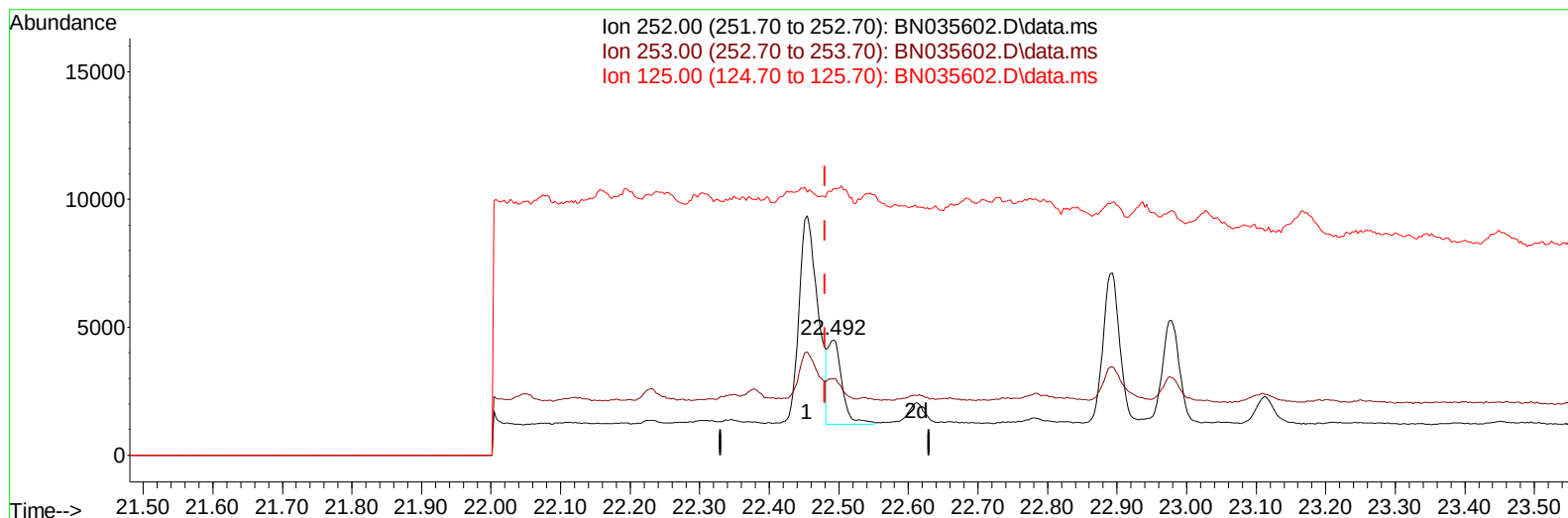
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
Data File : BN035602.D
Acq On : 13 Dec 2024 18:19
Operator : RC/JU
Sample : P5153-16DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28Q3DL

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 12/14/2024



TIC: BN035602.D\data.ms

(25) Benzo(k)fluoranthene

22.492min (+ 0.012) 0.24 ng/ul m

response 4745

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	66.05#
125.00	10.70	231.05#
0.00	0.00	0.00

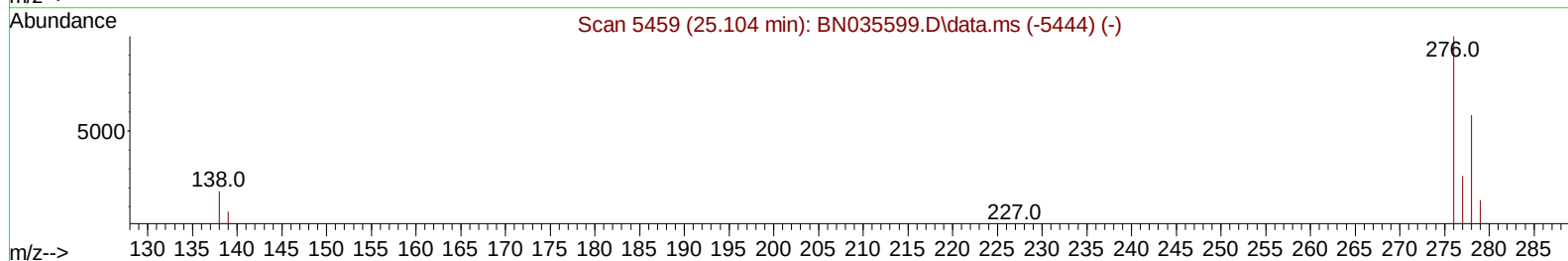
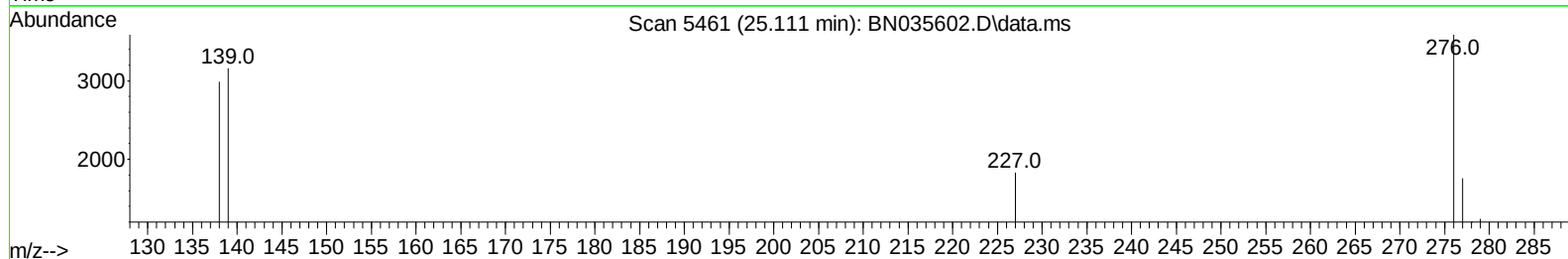
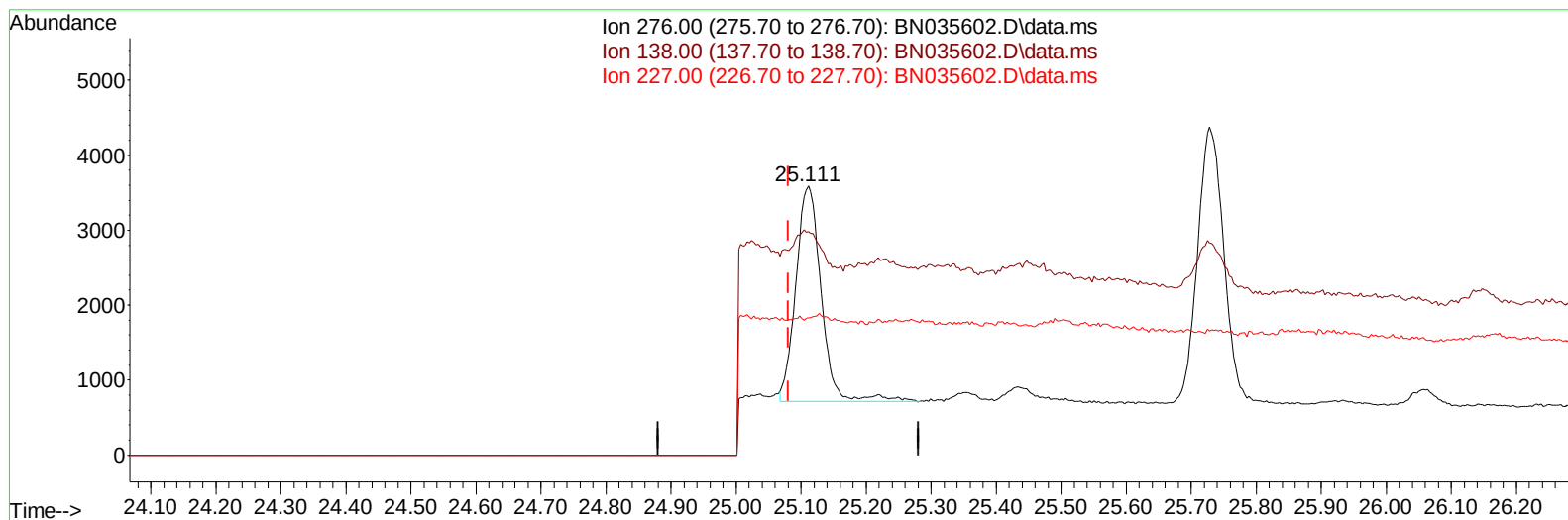
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
 Data File : BN035602.D
 Acq On : 13 Dec 2024 18:19
 Operator : RC/JU
 Sample : P5153-16DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28Q3DL

Manual IntegrationsAPPROVED

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TIC: BN035602.D\data.ms

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

25.111min (+ 0.030) 0.32 ng/u1

response 7758

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.30	580.18#
227.00	0.30	0.00#
0.00	0.00	0.00

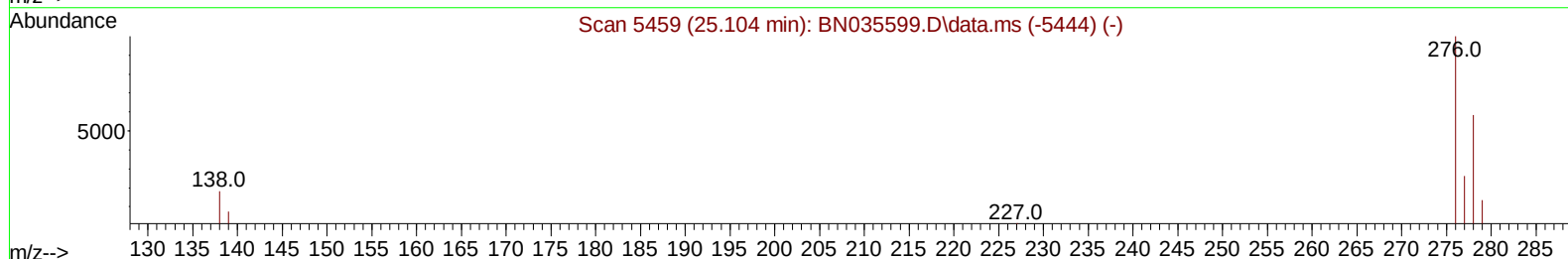
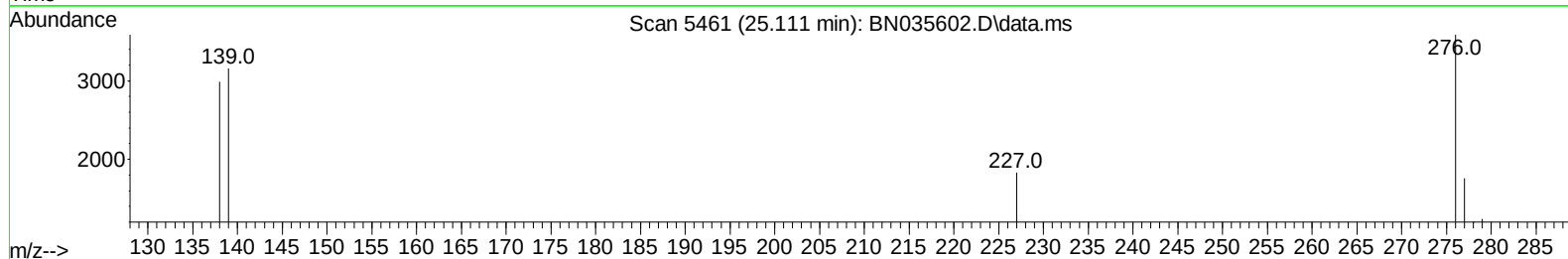
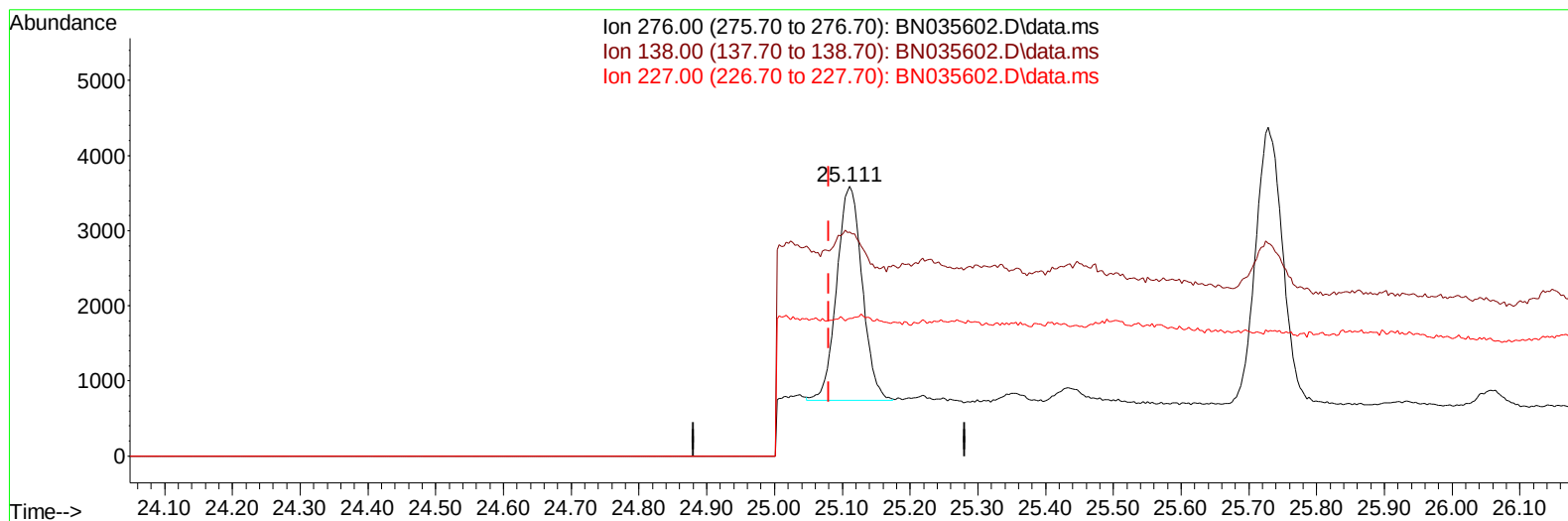
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
Data File : BN035602.D
Acq On : 13 Dec 2024 18:19
Operator : RC/JU
Sample : P5153-16DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28Q3DL

Manual IntegrationsAPPROVED

Quant Time: Dec 13 21:06:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BN035602.D\data.ms

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

25.111min (+ 0.030) 0.31 ng/ul m

response 7418

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.30	606.77#
227.00	0.30	0.00#
0.00	0.00	0.00

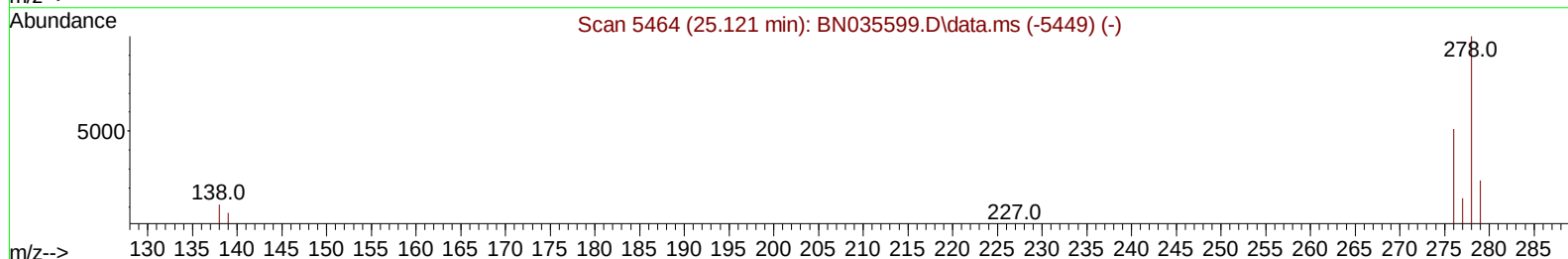
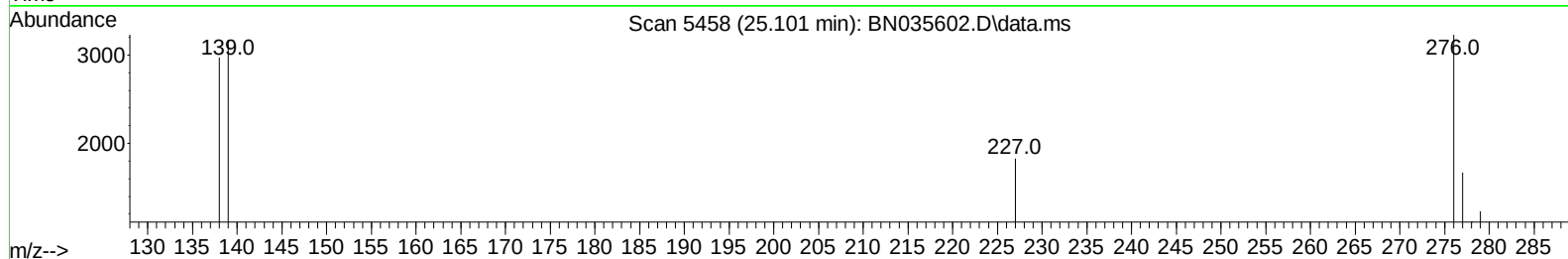
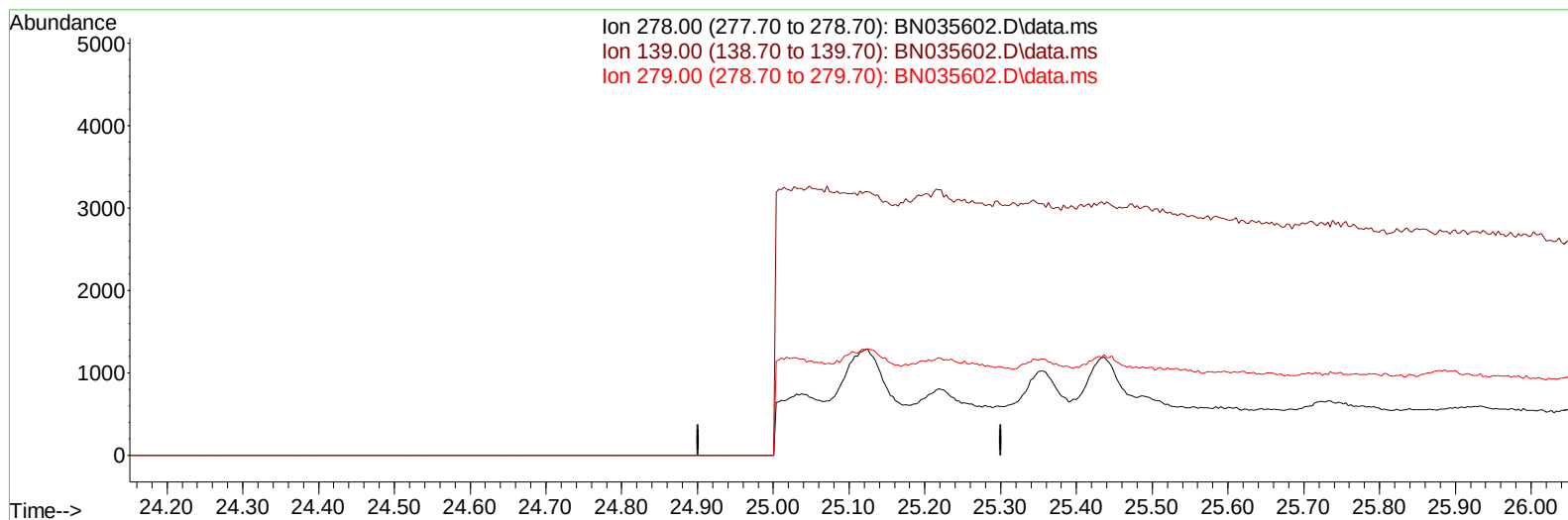
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Operator : RC/JU
Sample : P5153-16DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
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TIC: BN035602.D\data.ms

(28) Dibenzo(a,h)anthracene

25.101min (-25.101) 0.00 ng/u1

response 0

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

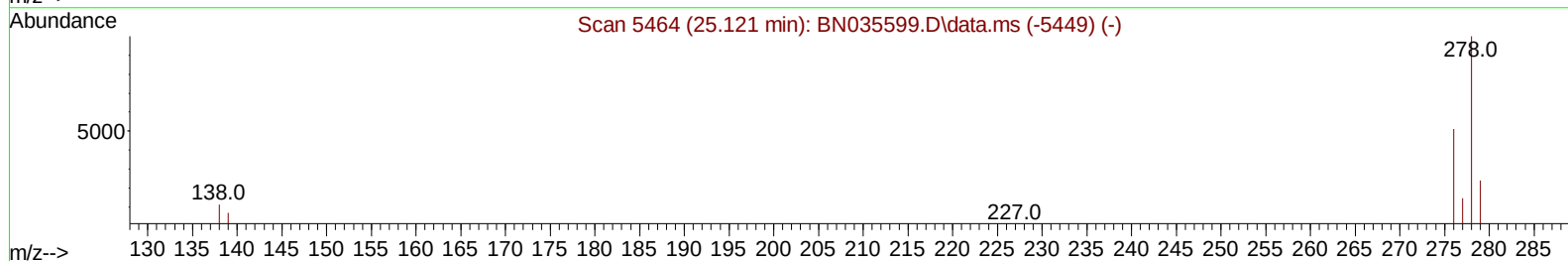
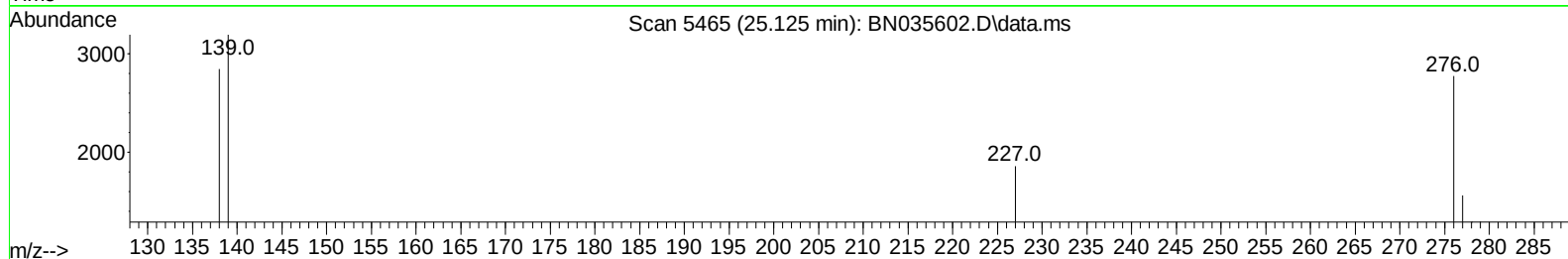
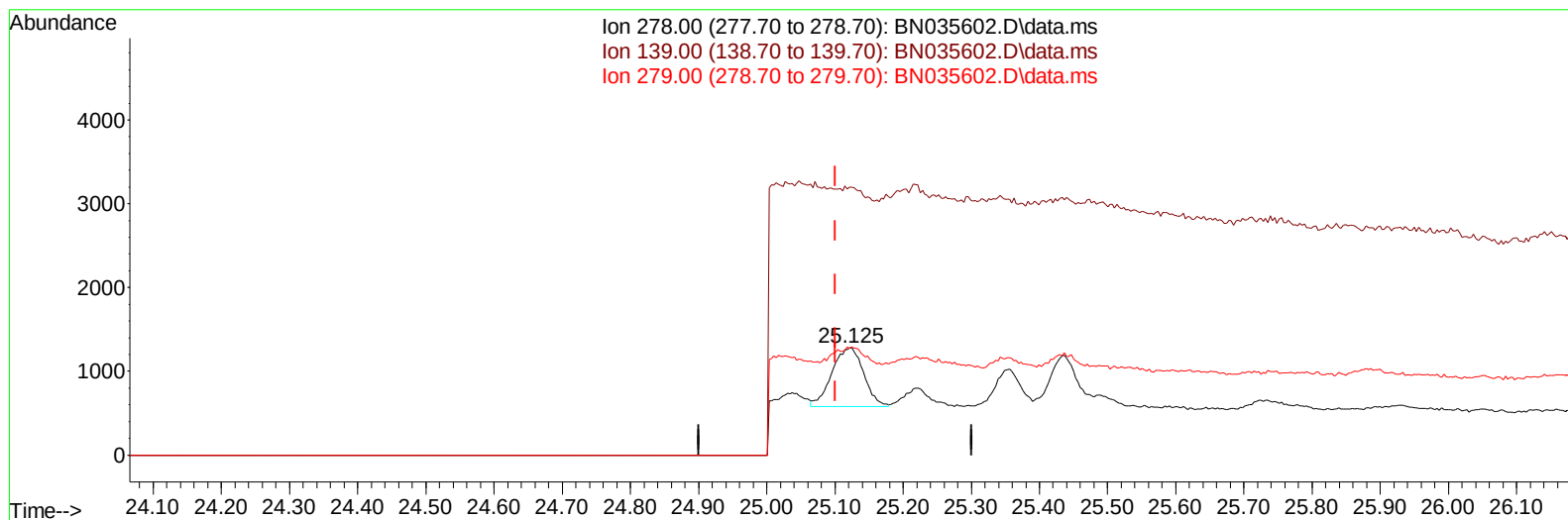
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
Data File : BN035602.D
Acq On : 13 Dec 2024 18:19
Operator : RC/JU
Sample : P5153-16DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28Q3DL

Manual IntegrationsAPPROVED

Quant Time: Dec 13 21:06:26 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: BN035602.D\data.ms

(28) Dibenzo(a,h)anthracene

25.125min (+ 0.024) 0.12 ng/u1 m

response 2251

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.40	248.33#
279.00	28.50	100.47#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
 Data File : BN035602.D
 Acq On : 13 Dec 2024 18:19
 Operator : RC/JU
 Sample : P5153-16DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28Q3DL

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	1684	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.037	136	6054	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	13.953	164	3891	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.722	188	7611	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.970	240	6575	0.400	ng/ul	# 0.00
23) Perylene-d12	23.068	264	5891	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.959	96	1186	0.771	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.642	152	380	0.043	ng/ul	0.00
18) Fluoranthene-d10	18.772	212	965	0.053	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.086	128	4701	0.308	ng/ul	95
7) 2-Methylnaphthalene	11.714	142	7203	0.681	ng/ul	97
8) 1-Methylnaphthalene	11.945	142	2209	0.207	ng/ul	96
10) Acenaphthylene	13.667	152	1410	0.091	ng/ul#	50
12) Fluorene	15.018	166	1188	0.086	ng/ul#	86
14) Pentachlorophenol	16.384	266	242	0.137	ng/ul#	79
15) Phenanthrene	16.764	178	15327	0.762	ng/ul#	89
16) Anthracene	16.852	178	7996	0.428	ng/ul#	76
19) Fluoranthene	18.805	202	12418	0.542	ng/ul#	88
20) Pyrene	19.172	202	14323	0.601	ng/ul#	87
21) Benzo(a)anthracene	20.956	228	7830	0.343	ng/ul#	51
22) Chrysene	21.005	228	13805	0.601	ng/ul#	63
24) Benzo(b)fluoranthene	22.454	252	15226m	0.782	ng/ul	
25) Benzo(k)fluoranthene	22.492	252	4745m	0.236	ng/ul	
26) Benzo(a)pyrene	22.978	252	6883	0.387	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.111	276	7418m	0.309	ng/ul	
28) Dibenzo(a,h)anthracene	25.125	278	2251m	0.119	ng/ul	
29) Benzo(g,h,i)perylene	25.728	276	10358	0.547	ng/ul#	35

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

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