

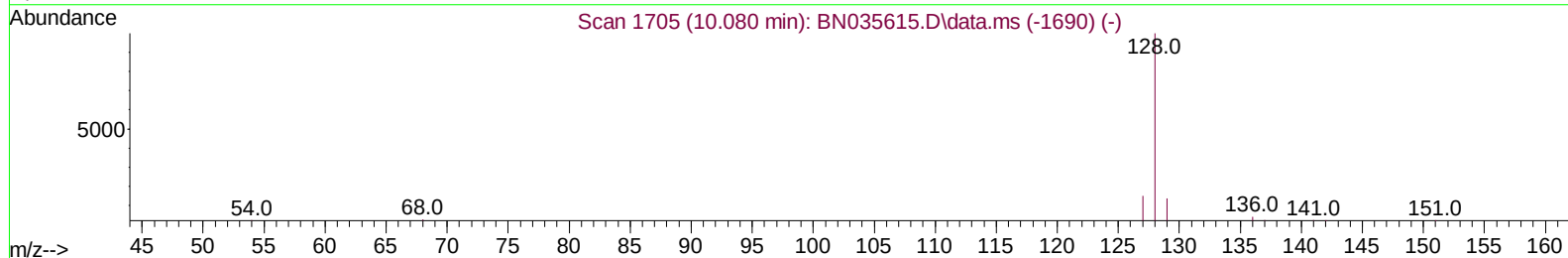
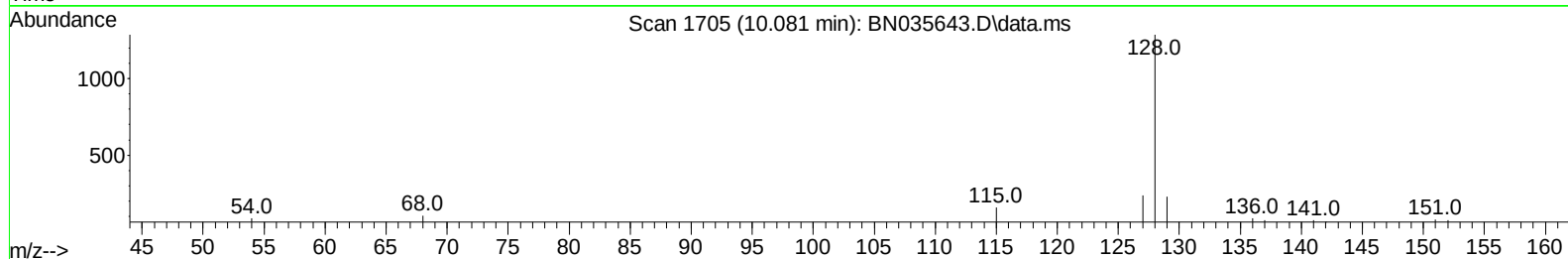
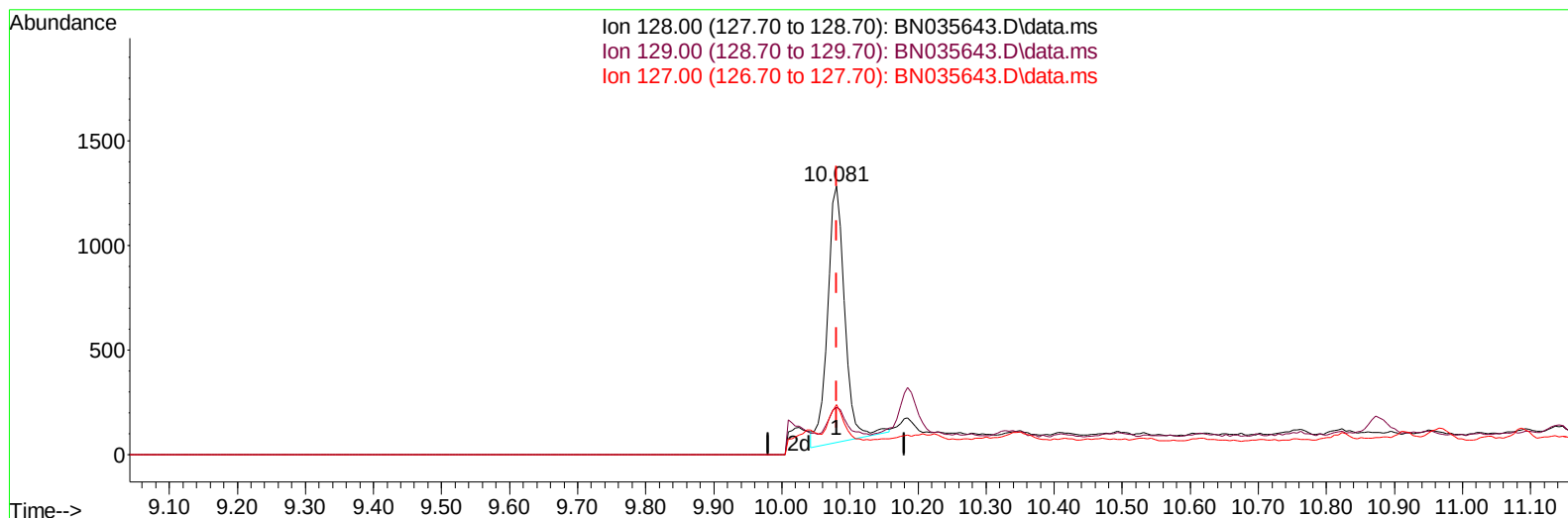
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035643.D
Acq On : 17 Dec 2024 07:24
Operator : RC/JU
Sample : P5232-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28S0

Manual IntegrationsAPPROVED

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

Quant Time: Dec 17 08:01:08 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



TIC: BN035643.D\data.ms

(5) Naphthalene

10.081min (+ 0.000) 0.11 ng/u1

response 2166

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	13.50	17.90#
127.00	15.00	18.68#
0.00	0.00	0.00

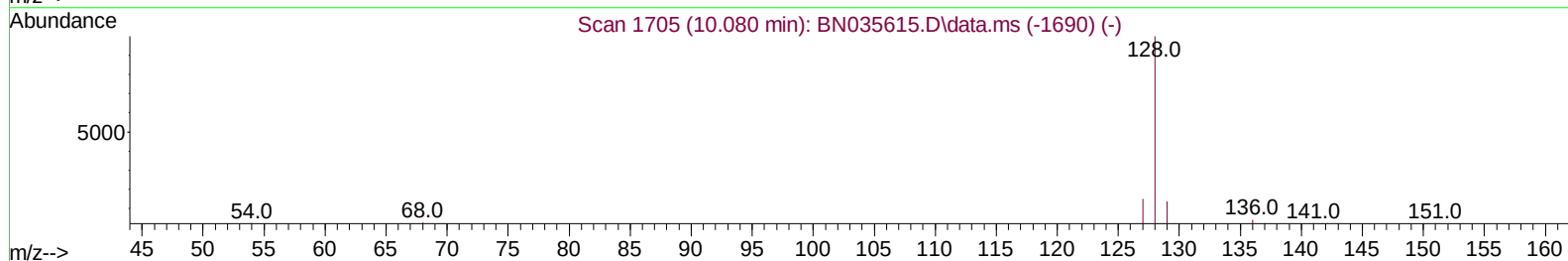
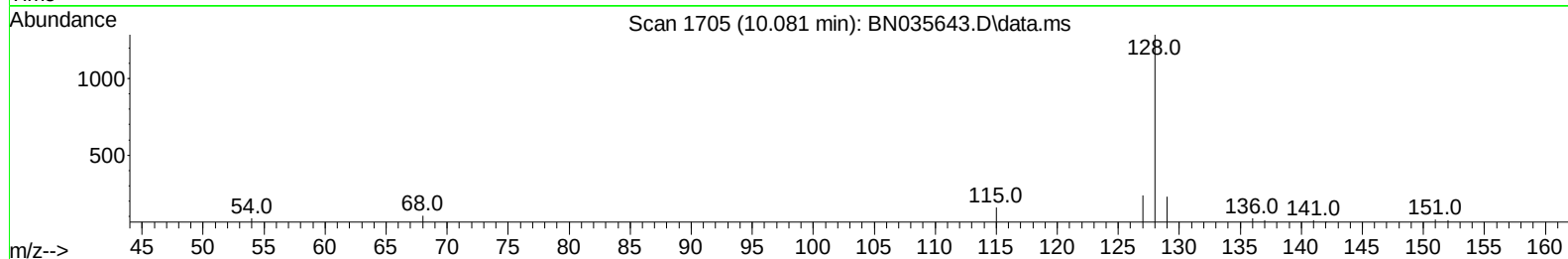
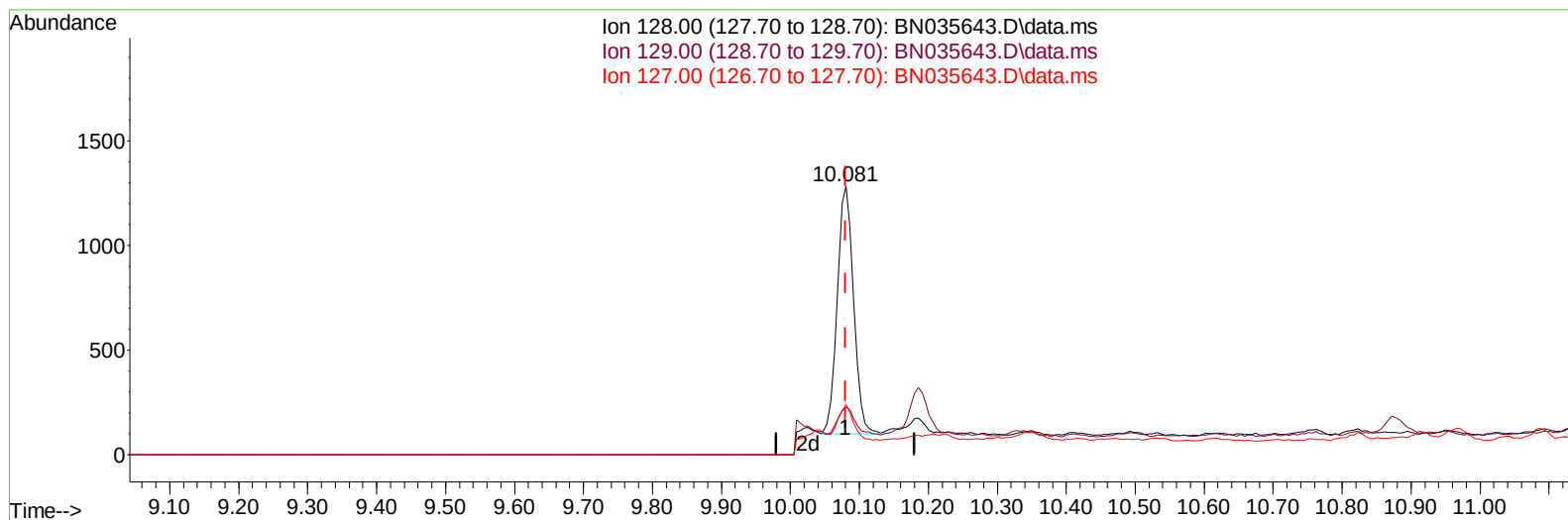
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Operator : RC/JU
Sample : P5232-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

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



TIC: BN035643.D\data.ms

(5) Naphthalene

10.081min (+ 0.000) 0.10 ng/ul m

response 1941

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	13.50	17.90#
127.00	15.00	18.68#
0.00	0.00	0.00

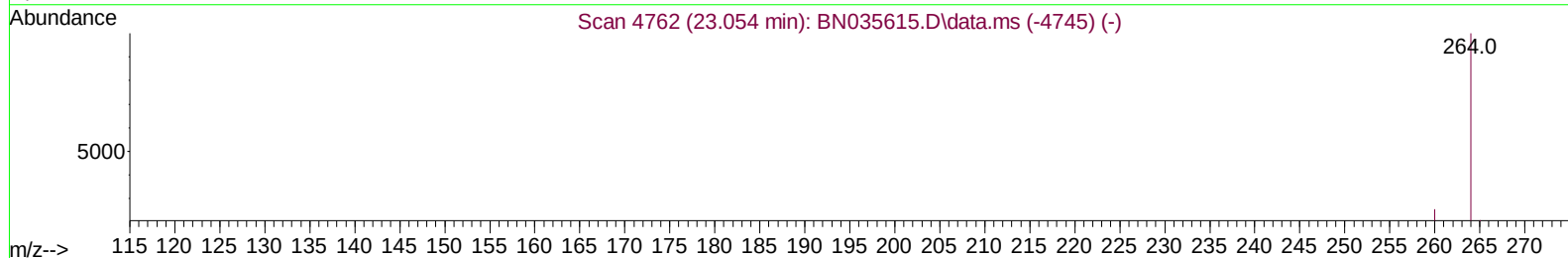
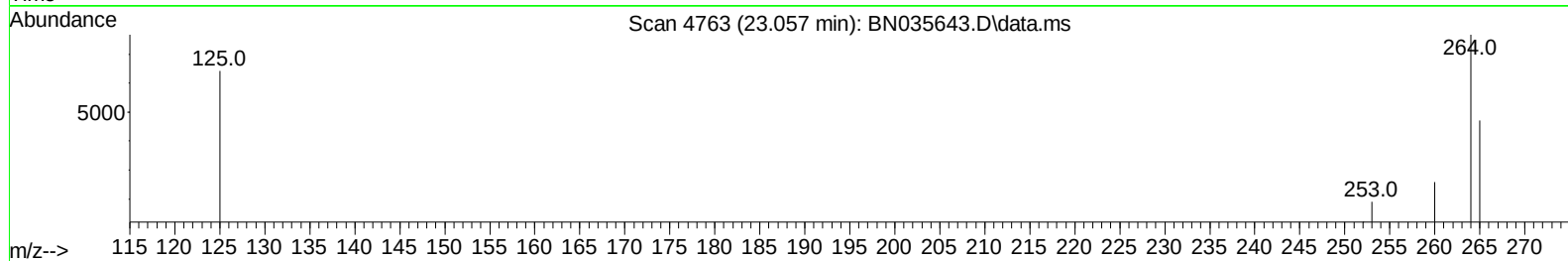
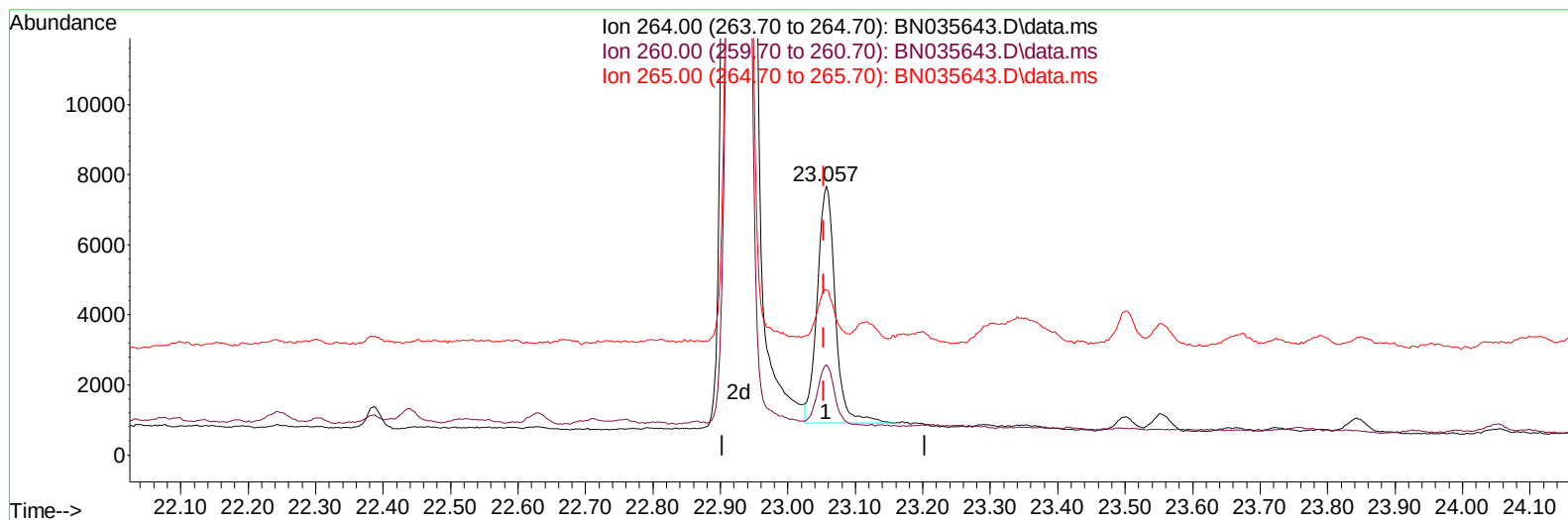
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035643.D
Acq On : 17 Dec 2024 07:24
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ALS Vial : 33 Sample Multiplier: 1

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TIC: BN035643.D\data.ms

(23) Perylene-d12 (I)

23.057min (+ 0.003) 0.40 ng/u1

response 12587

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.40	33.70#
265.00	62.10	61.47
0.00	0.00	0.00

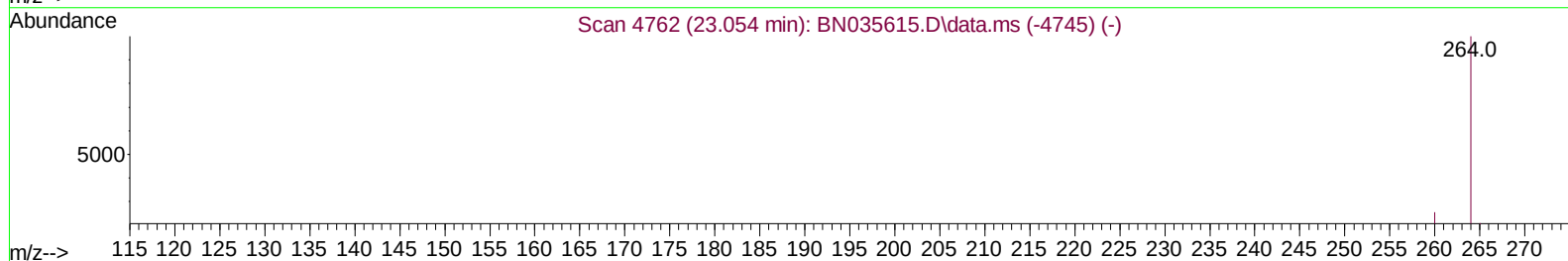
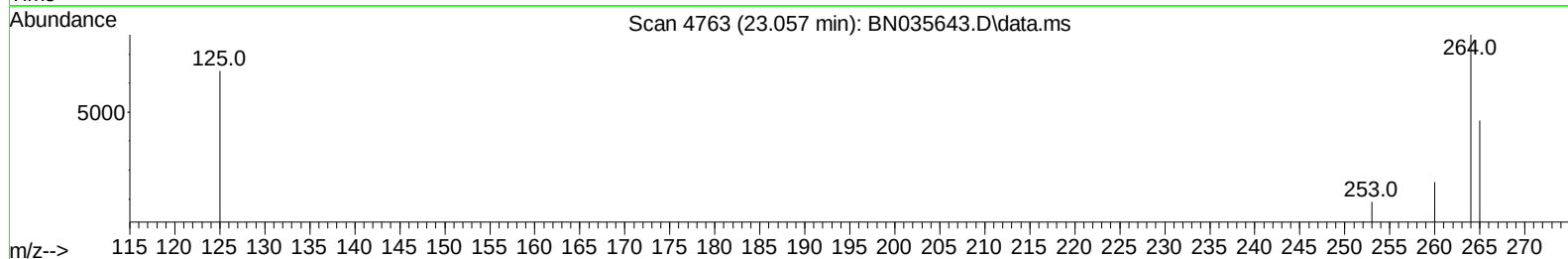
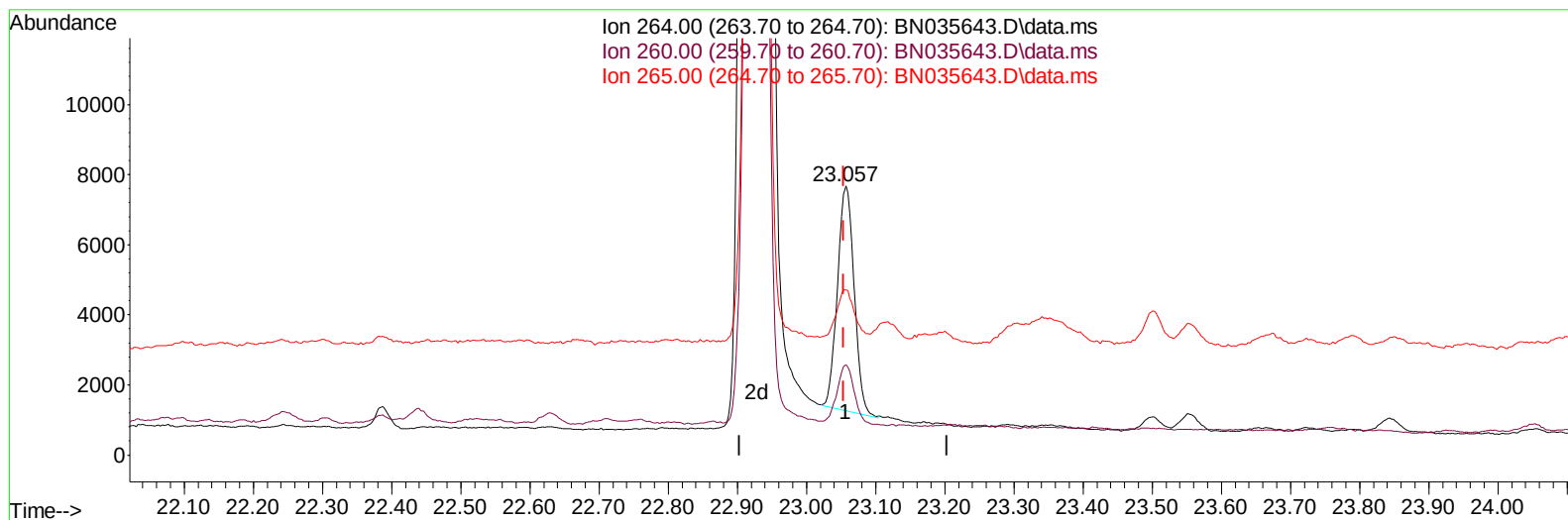
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035643.D
Acq On : 17 Dec 2024 07:24
Operator : RC/JU
Sample : P5232-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28S0

Manual IntegrationsAPPROVED

Quant Time: Dec 17 08:01:08 2024
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Reviewed By :Yogesh Patel 12/18/2024
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TIC: BN035643.D\data.ms

(23) Perylene-d12 (I)

23.057min (+ 0.003) 0.40 ng/ul m

response 10720

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.40	33.70#
265.00	62.10	61.47
0.00	0.00	0.00

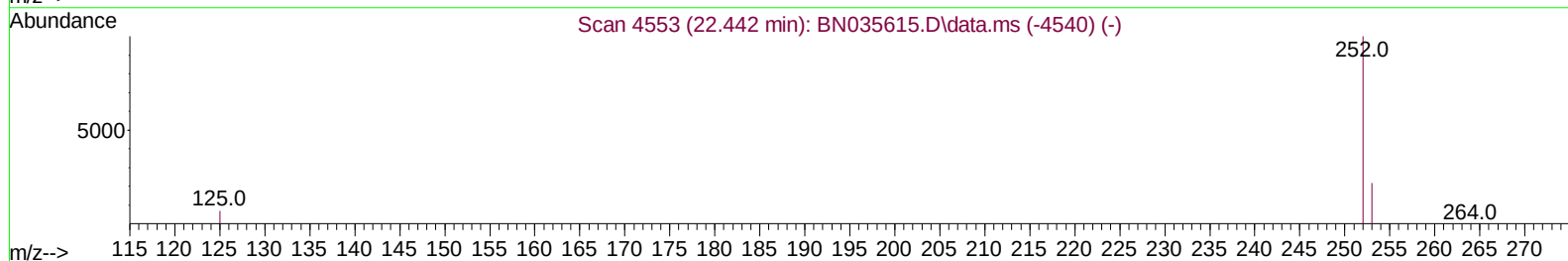
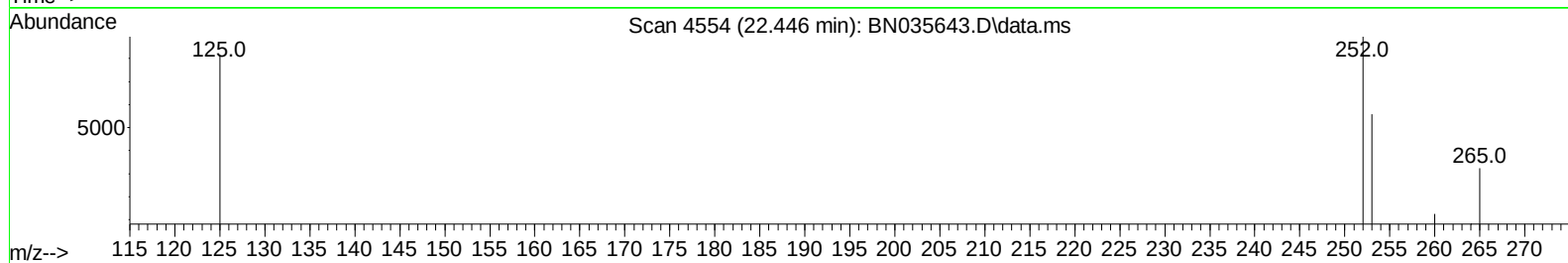
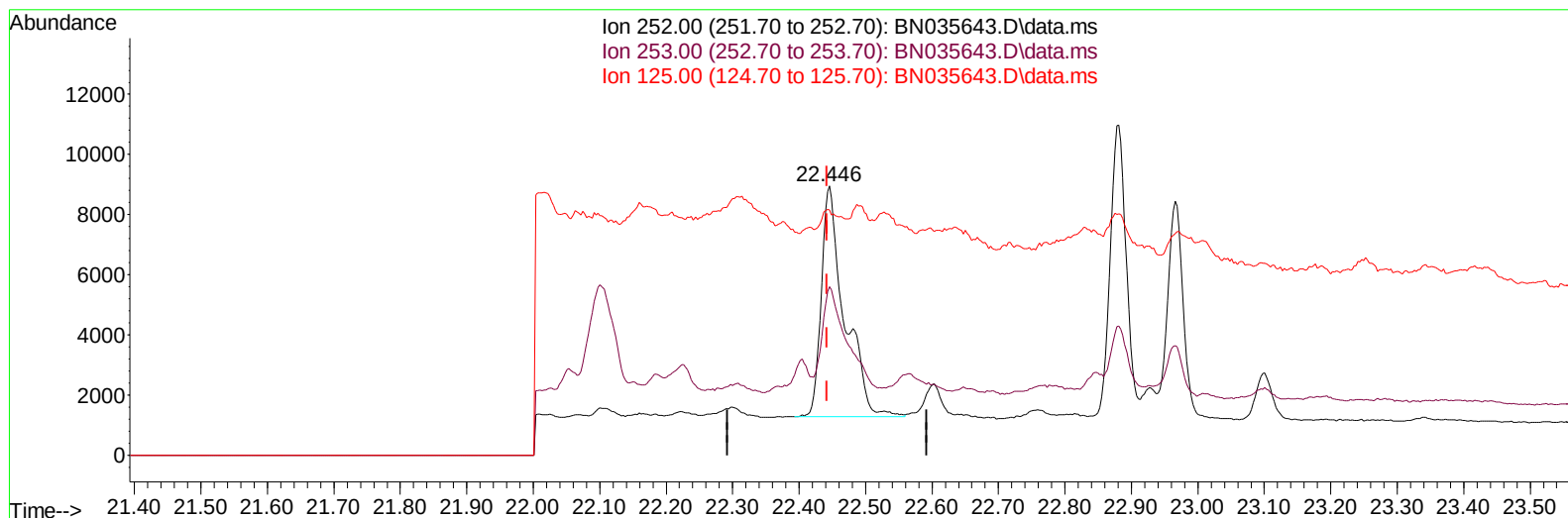
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
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Operator : RC/JU
Sample : P5232-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN035643.D\data.ms

(24) Benzo(b)fluoranthene

22.446min (+ 0.003) 0.59 ng/u1

response 18753

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	62.52#
125.00	18.80	91.15#
0.00	0.00	0.00

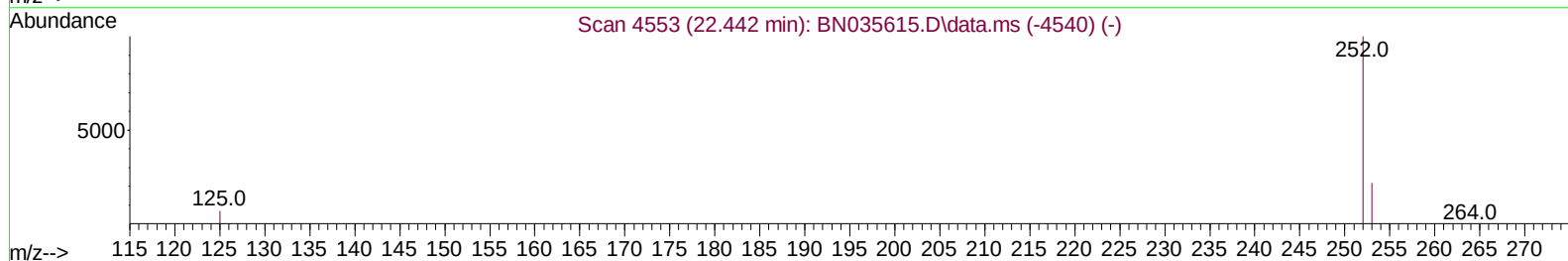
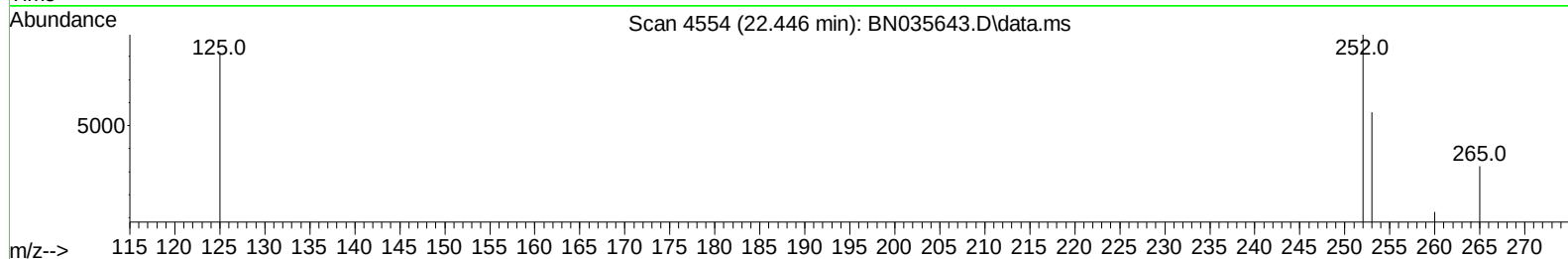
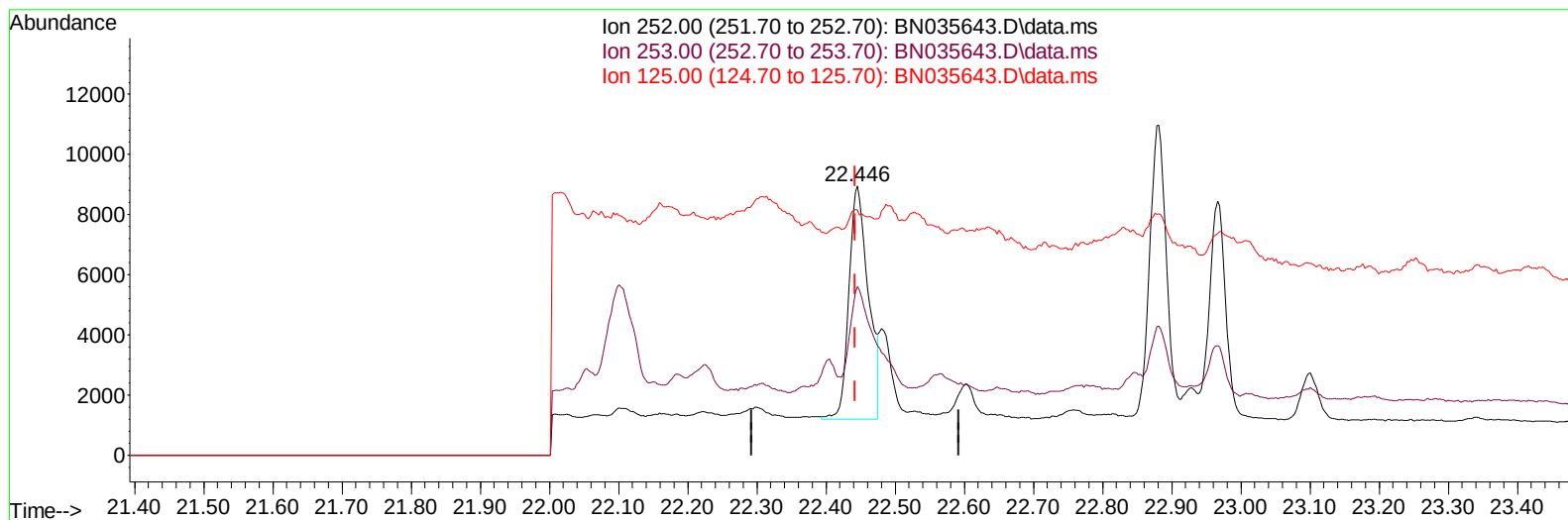
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035643.D
Acq On : 17 Dec 2024 07:24
Operator : RC/JU
Sample : P5232-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28S0

Manual IntegrationsAPPROVED

Quant Time: Dec 17 08:01:08 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: BN035643.D\data.ms

(24) Benzo(b)fluoranthene

22.446min (+ 0.003) 0.48 ng/ul m

response 15196

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	62.52#
125.00	18.80	91.15#
0.00	0.00	0.00

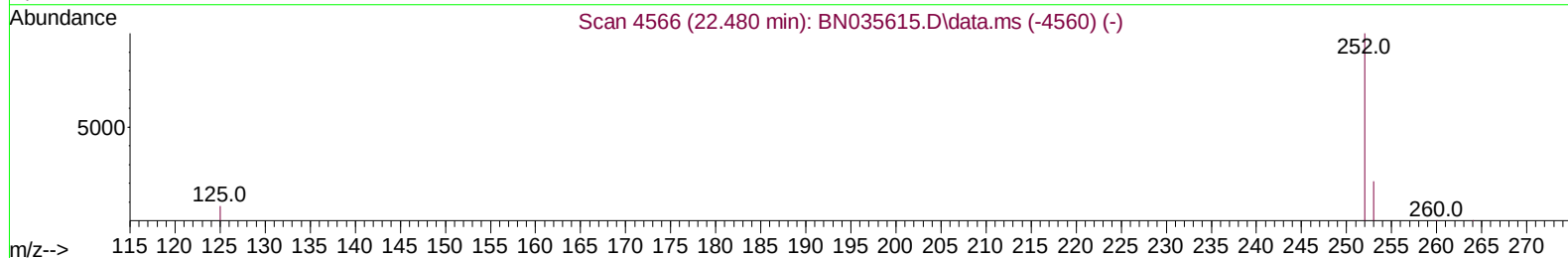
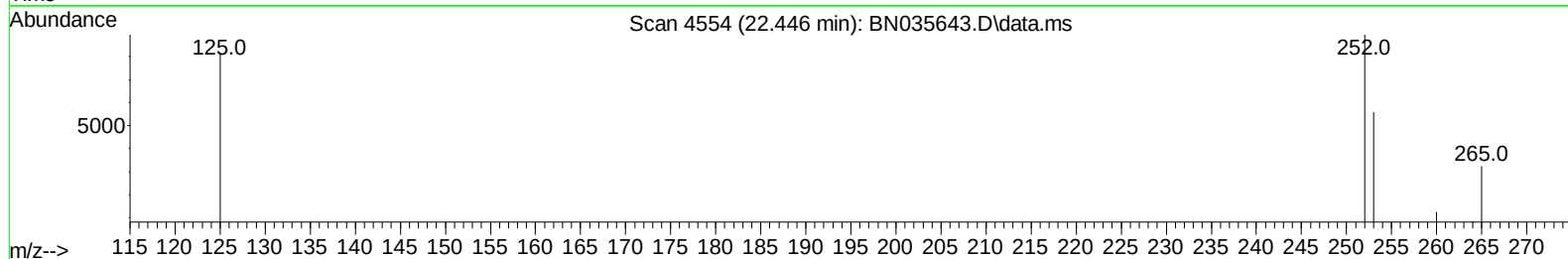
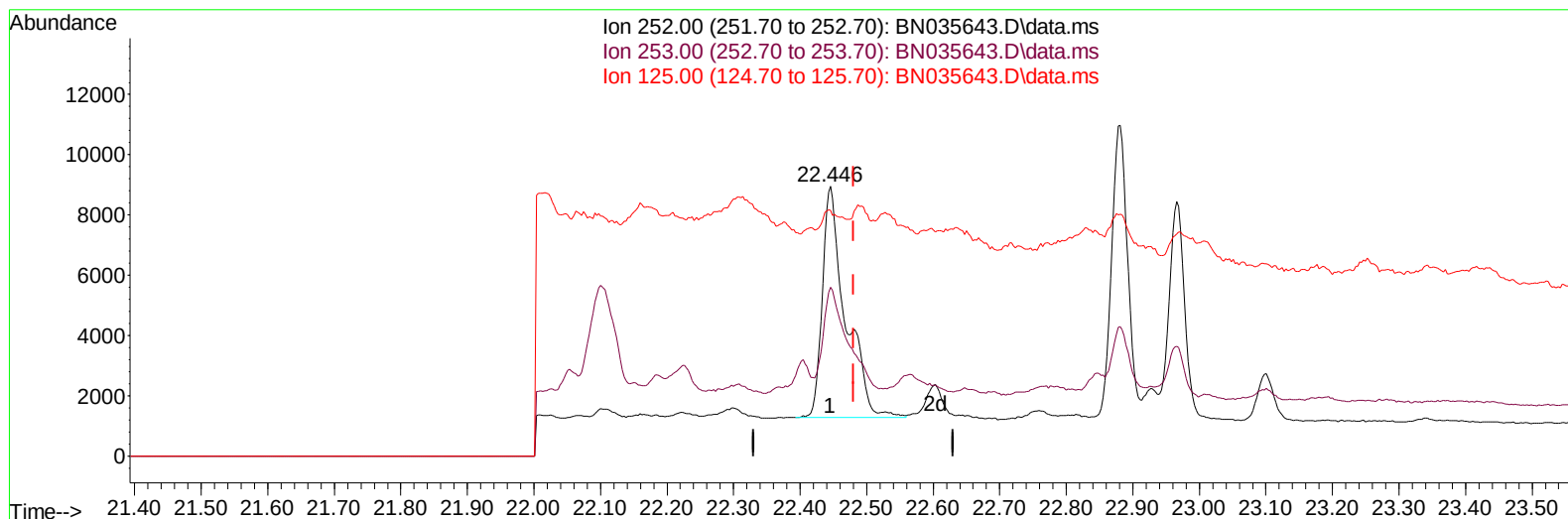
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035643.D
Acq On : 17 Dec 2024 07:24
Operator : RC/JU
Sample : P5232-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28S0

Manual IntegrationsAPPROVED

Quant Time: Dec 17 08:01:08 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: BN035643.D\data.ms

(25) Benzo(k)fluoranthene

22.446min (-0.035) 0.54 ng/u1

response 18753

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.60	62.52#
125.00	19.10	91.15#
0.00	0.00	0.00

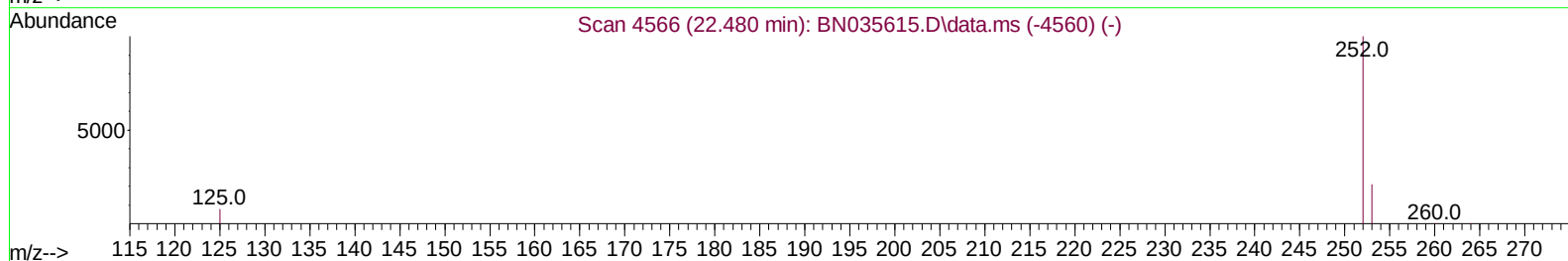
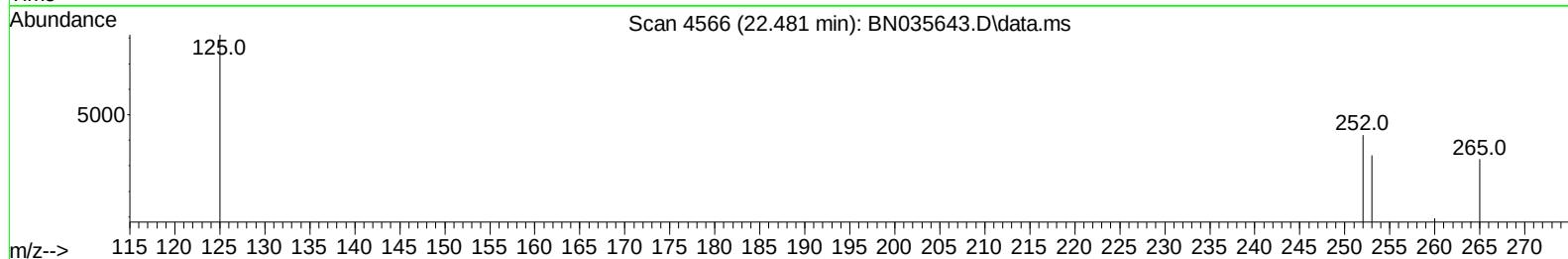
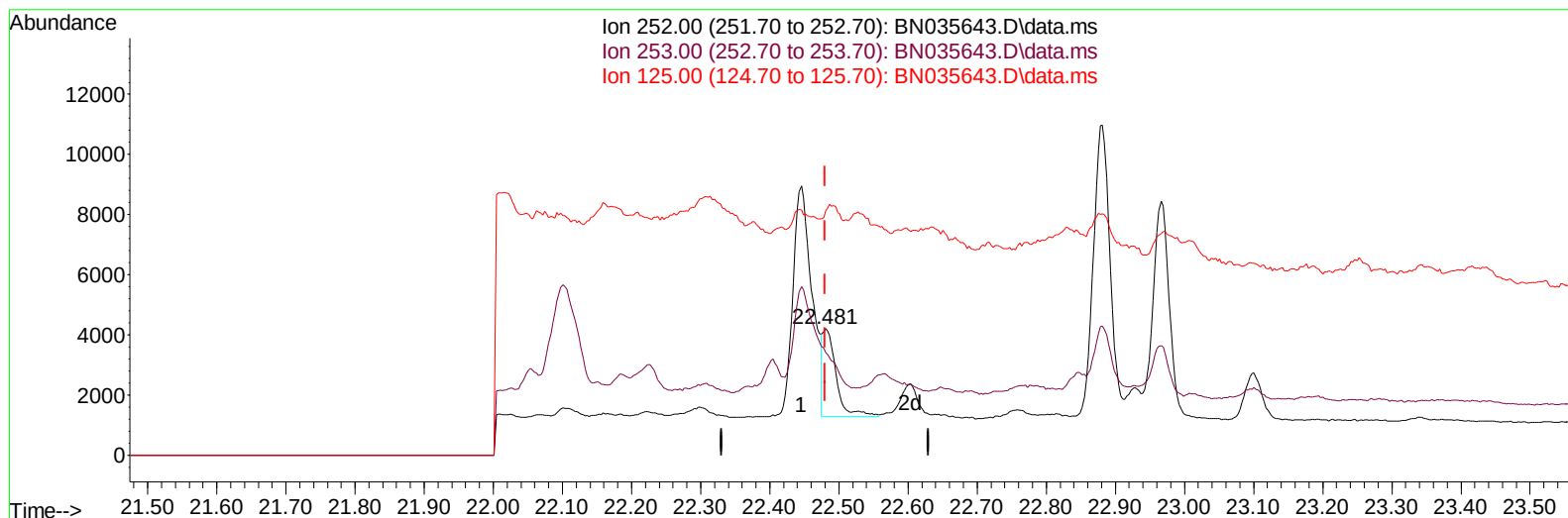
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035643.D
Acq On : 17 Dec 2024 07:24
Operator : RC/JU
Sample : P5232-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28S0

Manual IntegrationsAPPROVED

Quant Time: Dec 17 08:01:08 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: BN035643.D\data.ms

(25) Benzo(k)fluoranthene

22.481min (+ 0.000) 0.11 ng/u1 m

response 3849

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.60	80.84#
125.00	19.10	193.14#
0.00	0.00	0.00

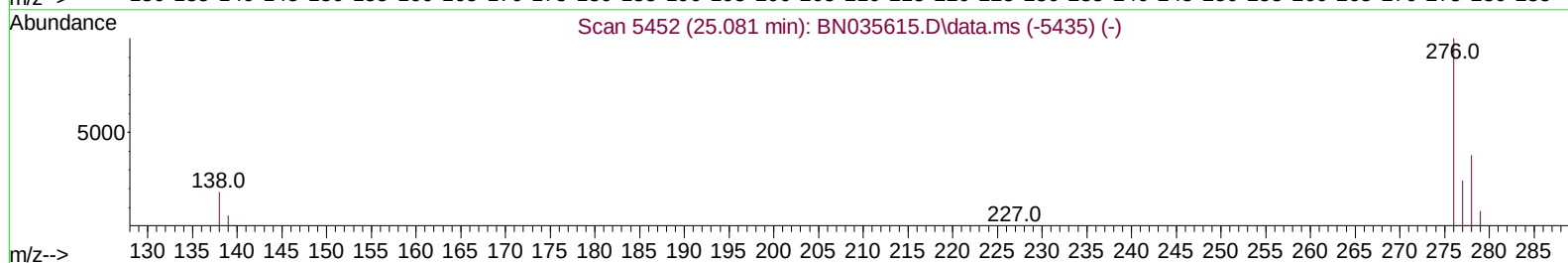
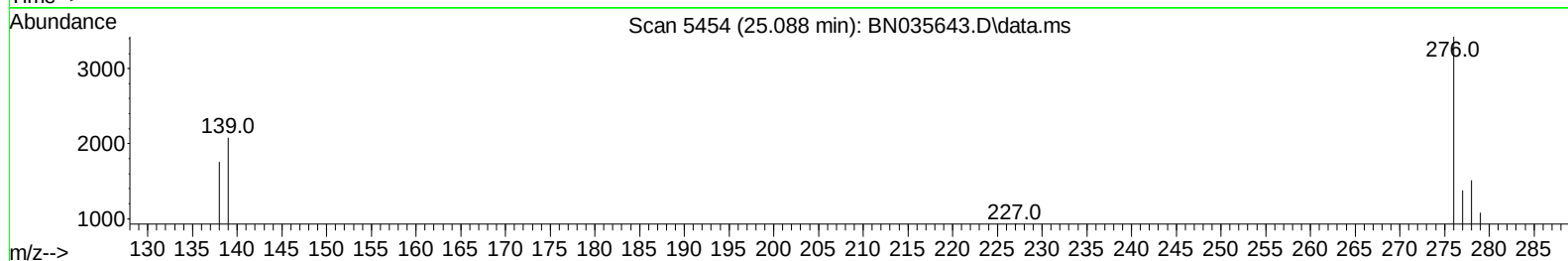
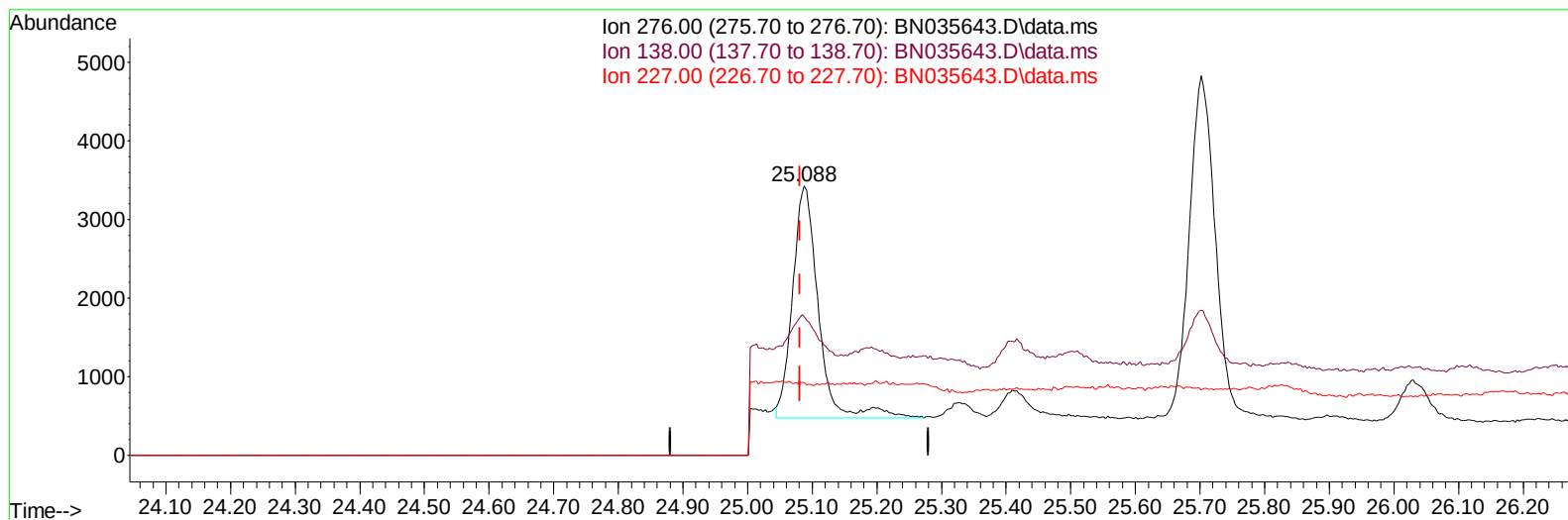
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035643.D
Acq On : 17 Dec 2024 07:24
Operator : RC/JU
Sample : P5232-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28S0

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/18/2024
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TIC: BN035643.D\data.ms

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

25.088min (+ 0.007) 0.22 ng/u1

response 8149

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.40	272.41#
227.00	27.00	0.00#
0.00	0.00	0.00

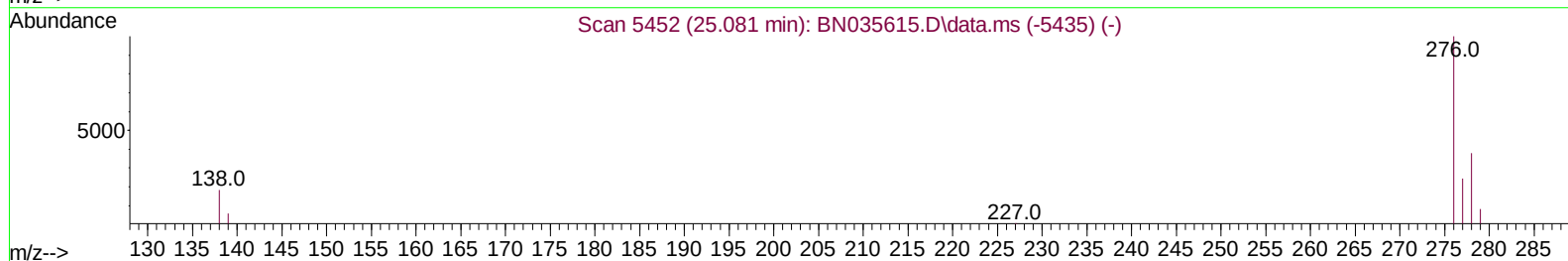
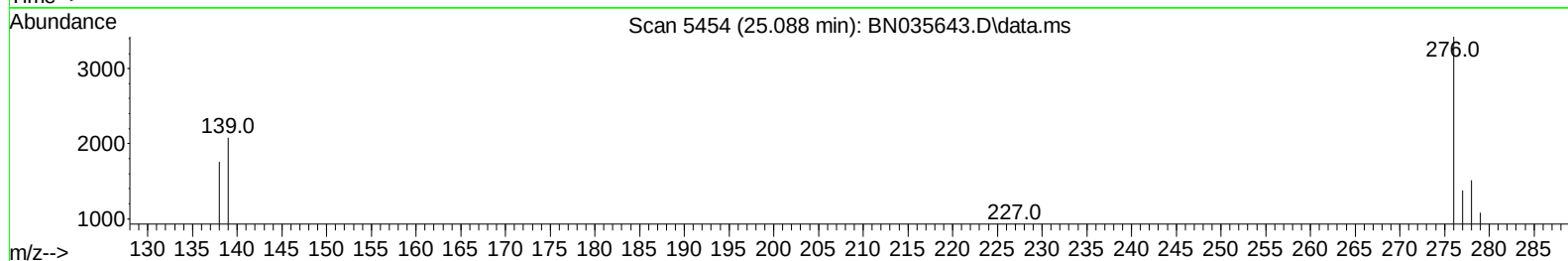
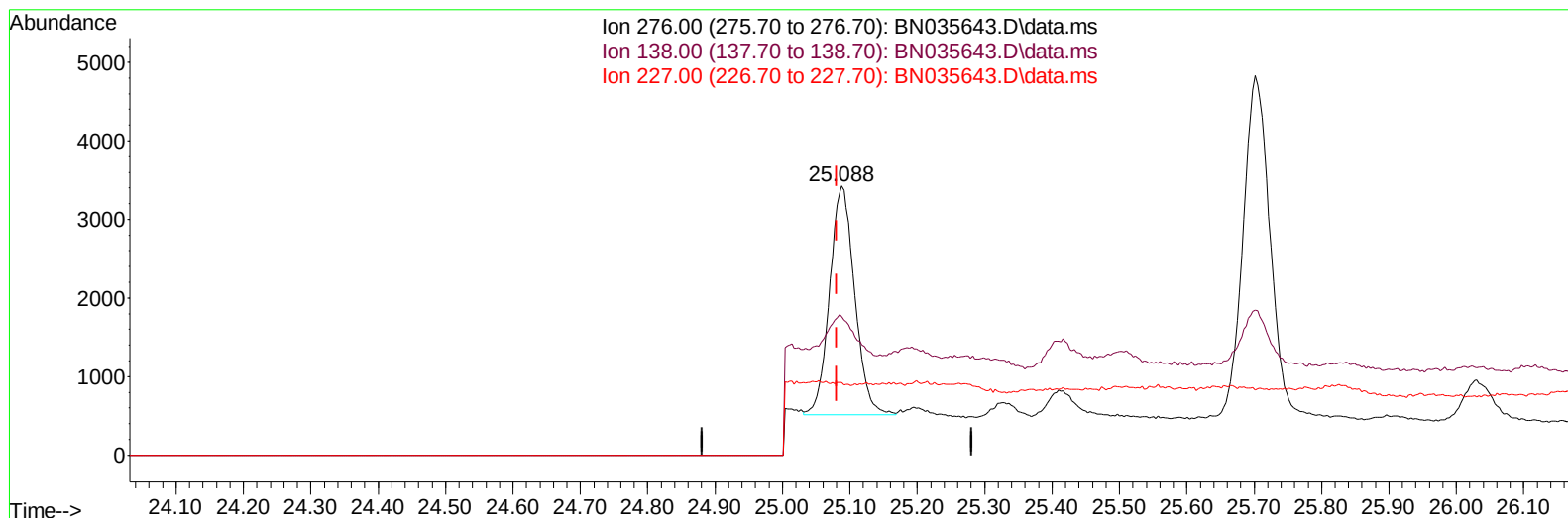
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035643.D
Acq On : 17 Dec 2024 07:24
Operator : RC/JU
Sample : P5232-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28S0

Manual IntegrationsAPPROVED

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TIC: BN035643.D\data.ms

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

25.088min (+ 0.007) 0.20 ng/ul m

response 7499

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.40	296.03#
227.00	27.00	0.00#
0.00	0.00	0.00

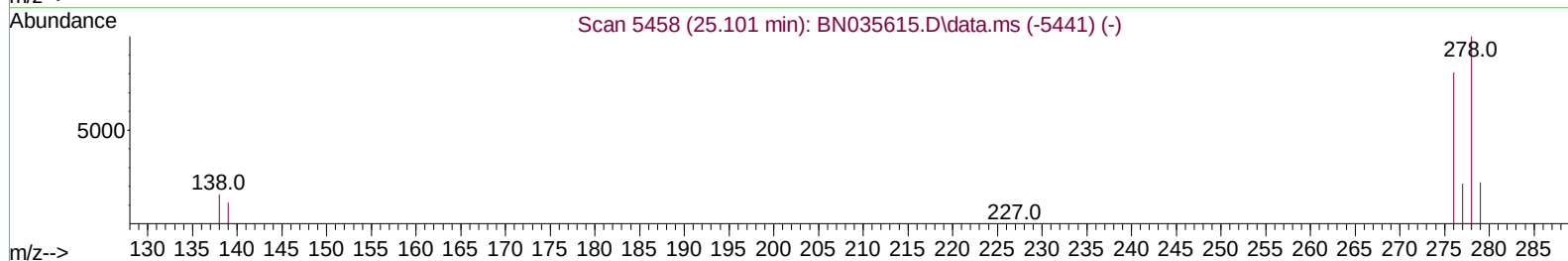
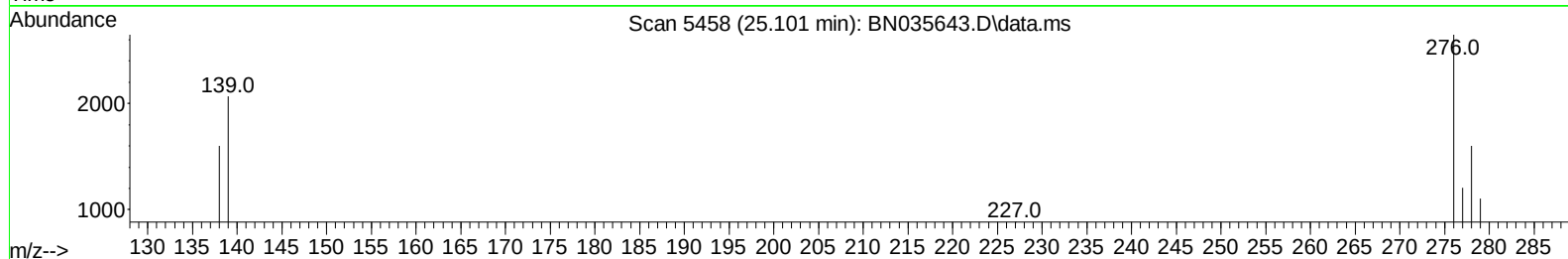
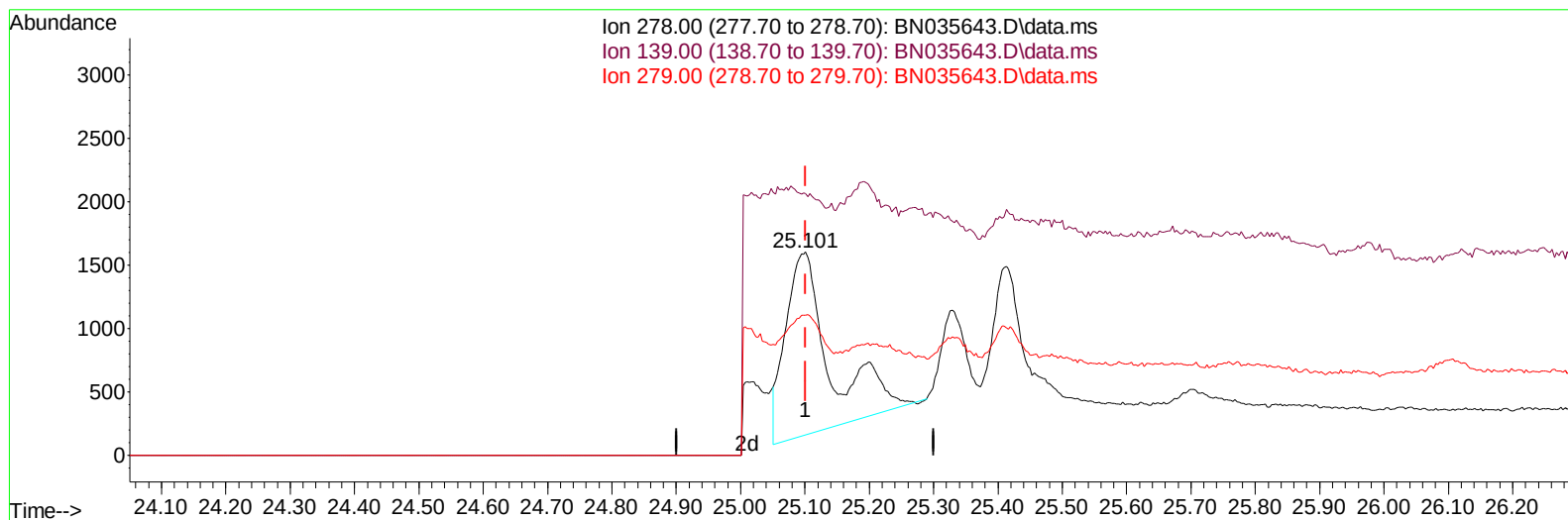
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ALS Vial : 33 Sample Multiplier: 1

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TIC: BN035643.D\data.ms

(28) Dibenzo(a,h)anthracene

25.101min (+ 0.000) 0.24 ng/u1

response 6925

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	24.80	128.88#
279.00	30.00	69.00#
0.00	0.00	0.00

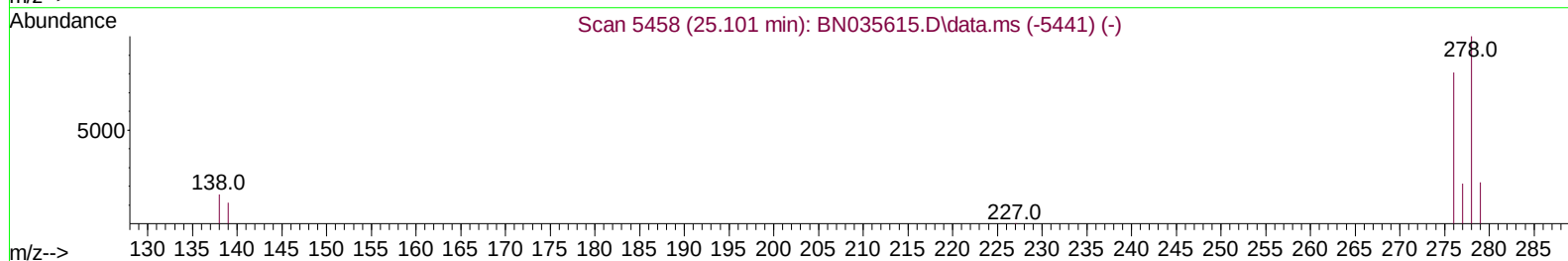
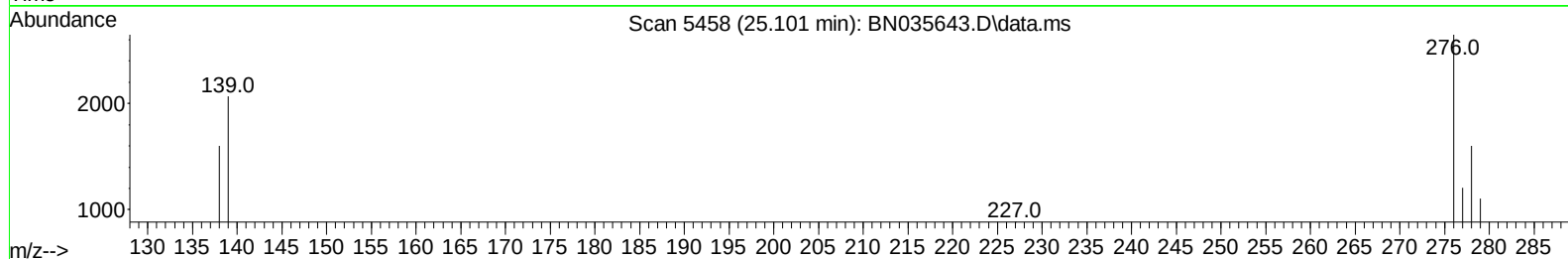
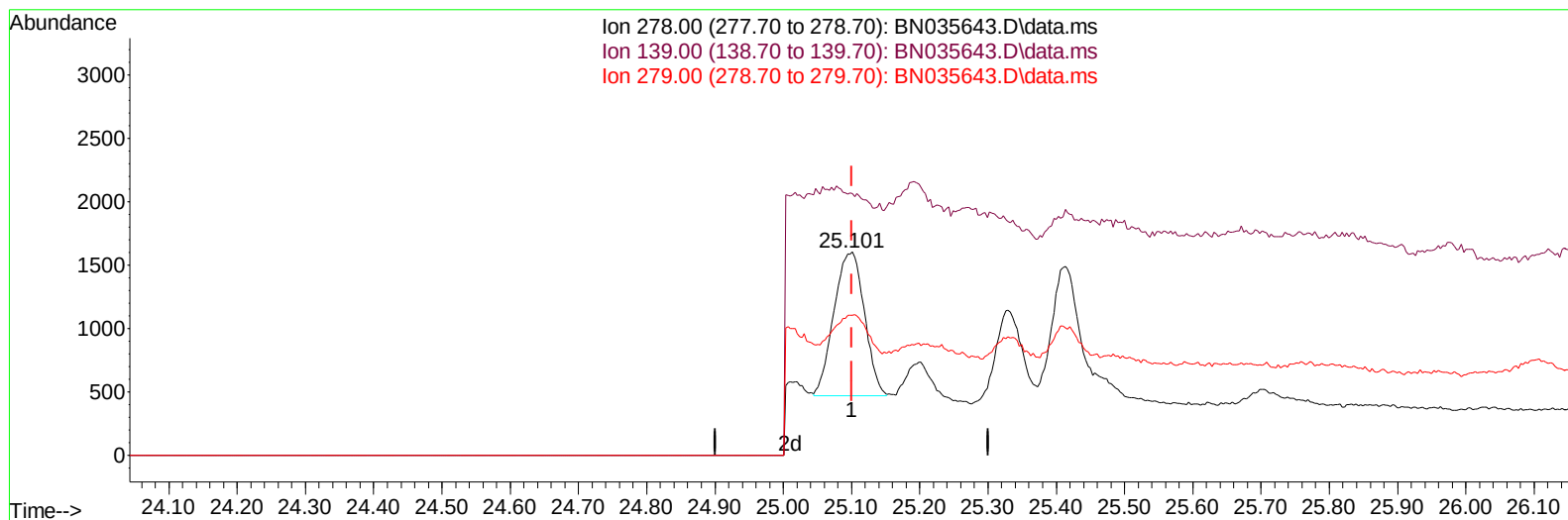
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035643.D
Acq On : 17 Dec 2024 07:24
Operator : RC/JU
Sample : P5232-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28S0

Manual IntegrationsAPPROVED

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TIC: BN035643.D\data.ms

(28) Dibenzo(a,h)anthracene

25.101min (+ 0.000) 0.12 ng/ul m

response 3509

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	24.80	128.88#
279.00	30.00	69.00#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.284	152	2538	0.400	ng/ul	0.00
4) Naphthalene-d8	10.031	136	7933	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.949	164	5786	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.717	188	12159	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.964	240	9877	0.400	ng/ul	# 0.00
23) Perylene-d12	23.057	264	10720m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	4141	1.840	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.637	152	1695	0.150	ng/ul	0.00
18) Fluoranthene-d10	18.772	212	7607	0.264	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.081	128	1941m	0.100	ng/ul	
7) 2-Methylnaphthalene	11.708	142	2471	0.189	ng/ul	99
8) 1-Methylnaphthalene	11.939	142	1455	0.107	ng/ul	98
10) Acenaphthylene	13.662	152	1583	0.071	ng/ul#	60
11) Acenaphthene	14.009	153	512	0.030	ng/ul#	85
12) Fluorene	15.013	166	2123	0.108	ng/ul#	77
15) Phenanthrene	16.760	178	30428	1.000	ng/ul#	94
16) Anthracene	16.852	178	2491	0.088	ng/ul#	46
19) Fluoranthene	18.805	202	15628	0.442	ng/ul#	96
20) Pyrene	19.172	202	27147	0.698	ng/ul	99
21) Benzo(a)anthracene	20.950	228	11902	0.363	ng/ul#	73
22) Chrysene	21.002	228	24452	0.719	ng/ul#	84
24) Benzo(b)fluoranthene	22.446	252	15196m	0.481	ng/ul	
25) Benzo(k)fluoranthene	22.481	252	3849m	0.110	ng/ul	
26) Benzo(a)pyrene	22.966	252	11863	0.388	ng/ul#	30
27) Indeno(1,2,3-cd)pyrene	25.088	276	7499m	0.201	ng/ul	
28) Dibenzo(a,h)anthracene	25.101	278	3509m	0.123	ng/ul	
29) Benzo(g,h,i)perylene	25.701	276	12398	0.415	ng/ul#	80

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035643.D
Acq On : 17 Dec 2024 07:24
Operator : RC/JU
Sample : P5232-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28S0

Manual IntegrationsAPPROVED

Quant Time: Dec 17 08:01:08 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

