

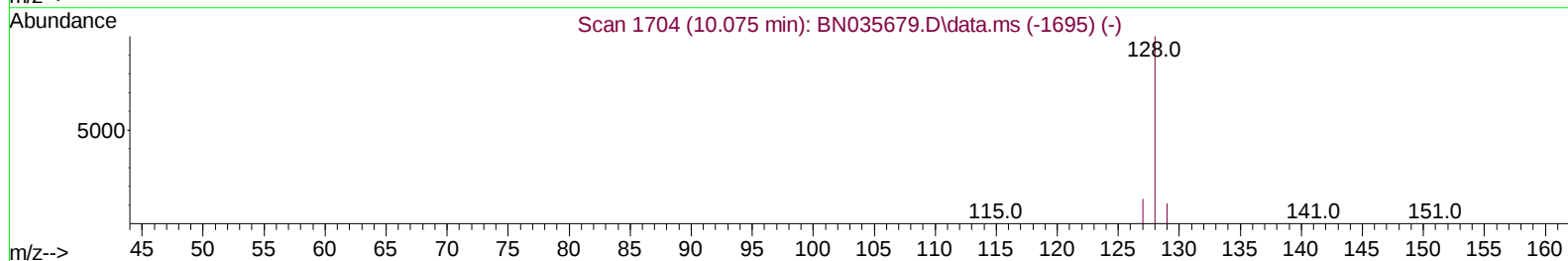
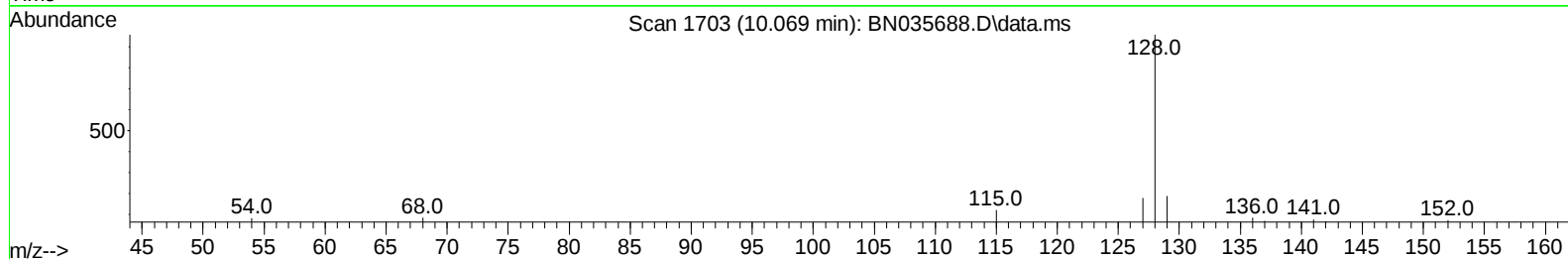
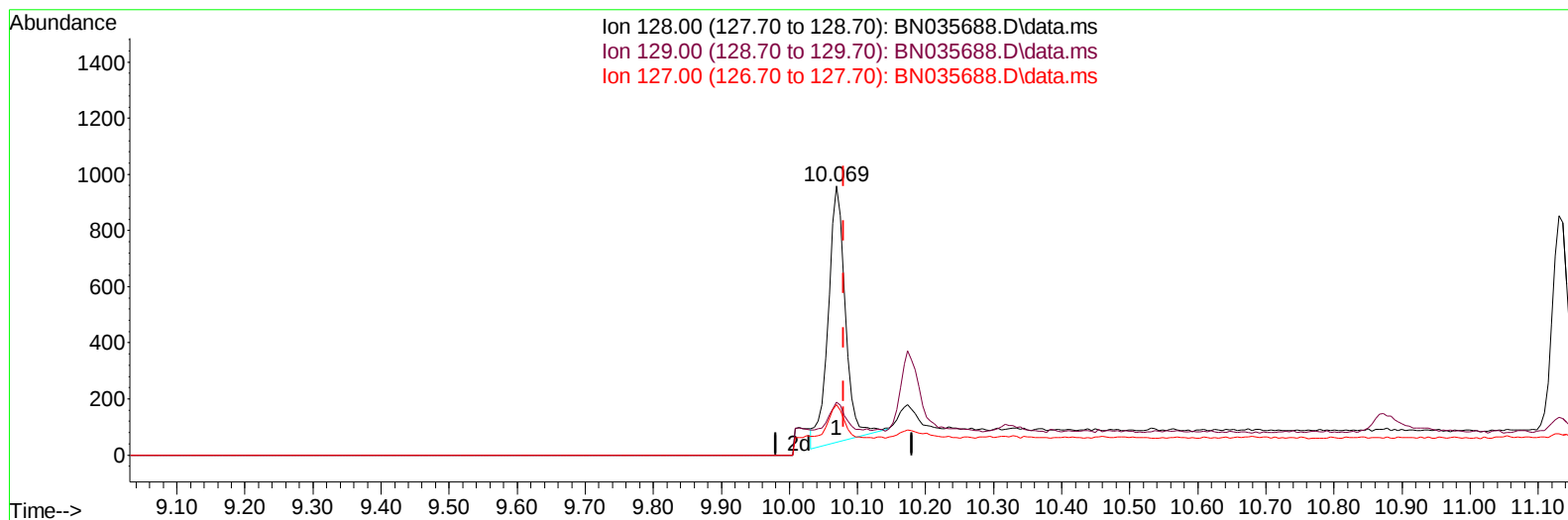
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035688.D
Acq On : 19 Dec 2024 02:30
Operator : RC/JU
Sample : P5258-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28W8

Manual IntegrationsAPPROVED

Quant Time: Dec 19 03:34:18 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 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



TIC: BN035688.D\data.ms

(5) Naphthalene

10.069min (-0.011) 0.09 ng/u1

response 1614

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	13.50	19.73#
127.00	15.00	18.68#
0.00	0.00	0.00

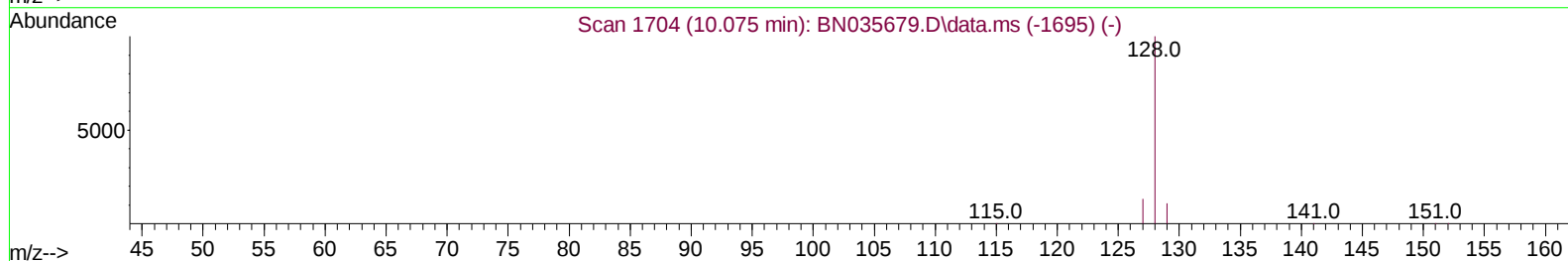
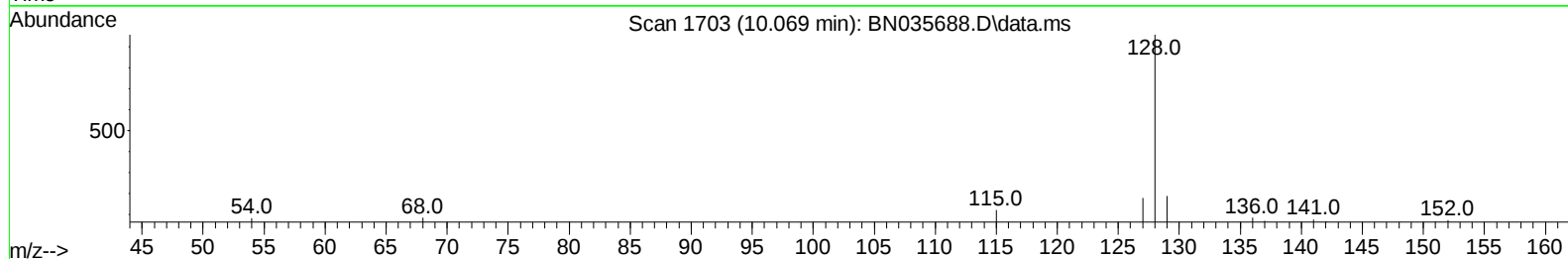
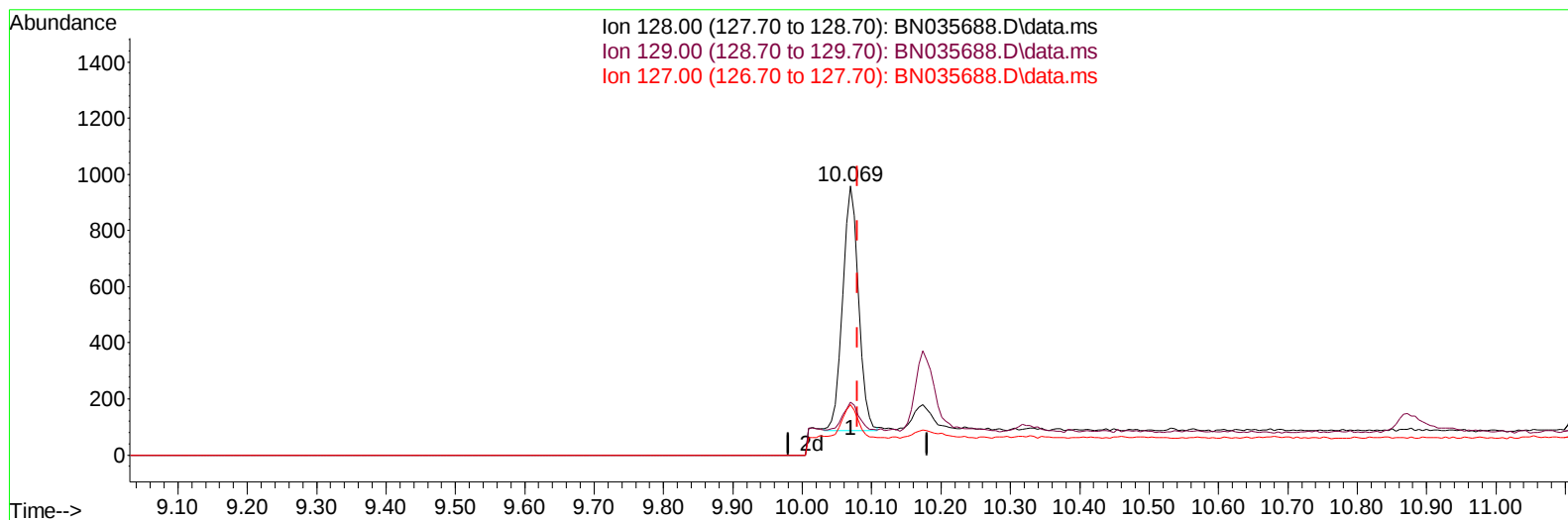
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
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Acq On : 19 Dec 2024 02:30
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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Supervised By :mohammad ahmed 12/24/2024



TIC: BN035688.D\data.ms

(5) Naphthalene

10.069min (-0.011) 0.07 ng/ul m

response 1384

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	13.50	19.73#
127.00	15.00	18.68#
0.00	0.00	0.00

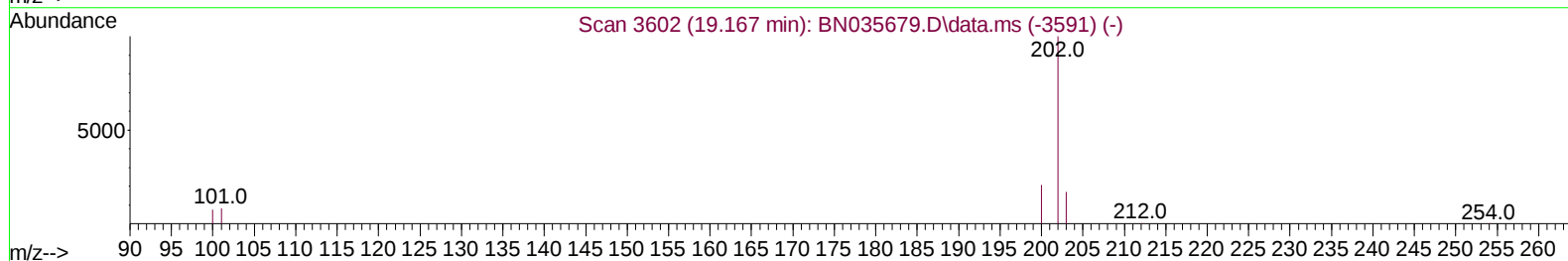
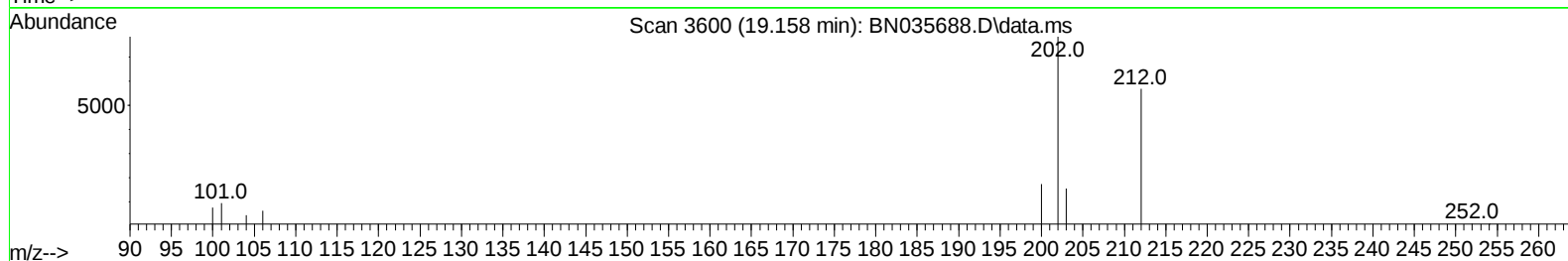
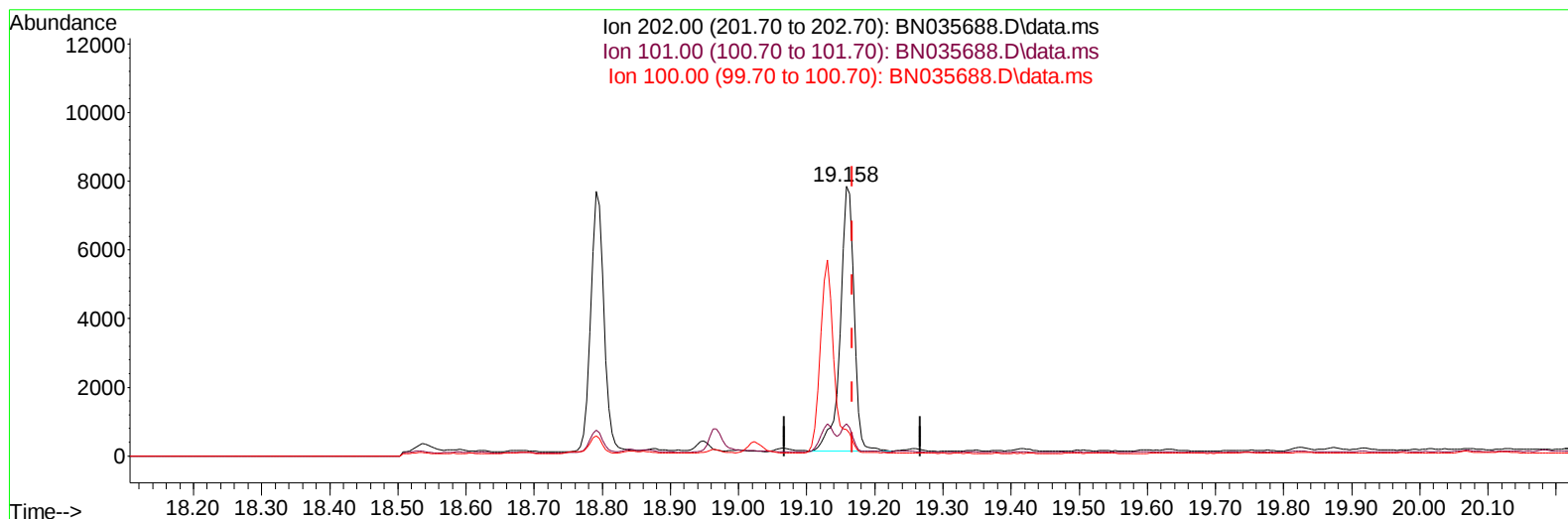
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035688.D
Acq On : 19 Dec 2024 02:30
Operator : RC/JU
Sample : P5258-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28W8

Manual IntegrationsAPPROVED

Quant Time: Dec 19 03:34:18 2024
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TIC: BN035688.D\data.ms

(20) Pyrene

19.158min (-0.009) 0.28 ng/u1

response 10967

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	10.60	11.90
100.00	8.10	9.87#
0.00	0.00	0.00

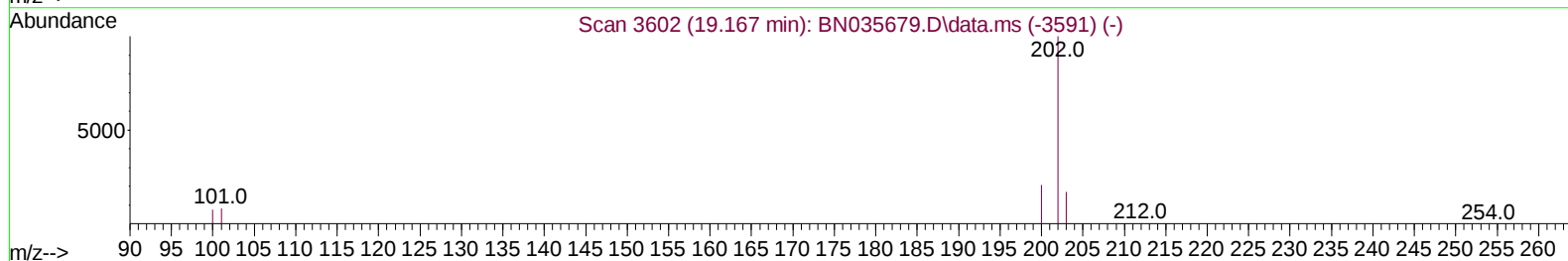
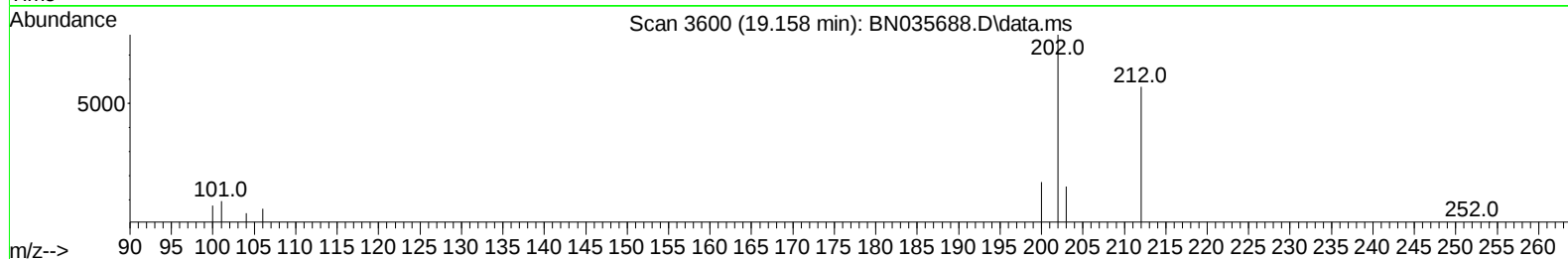
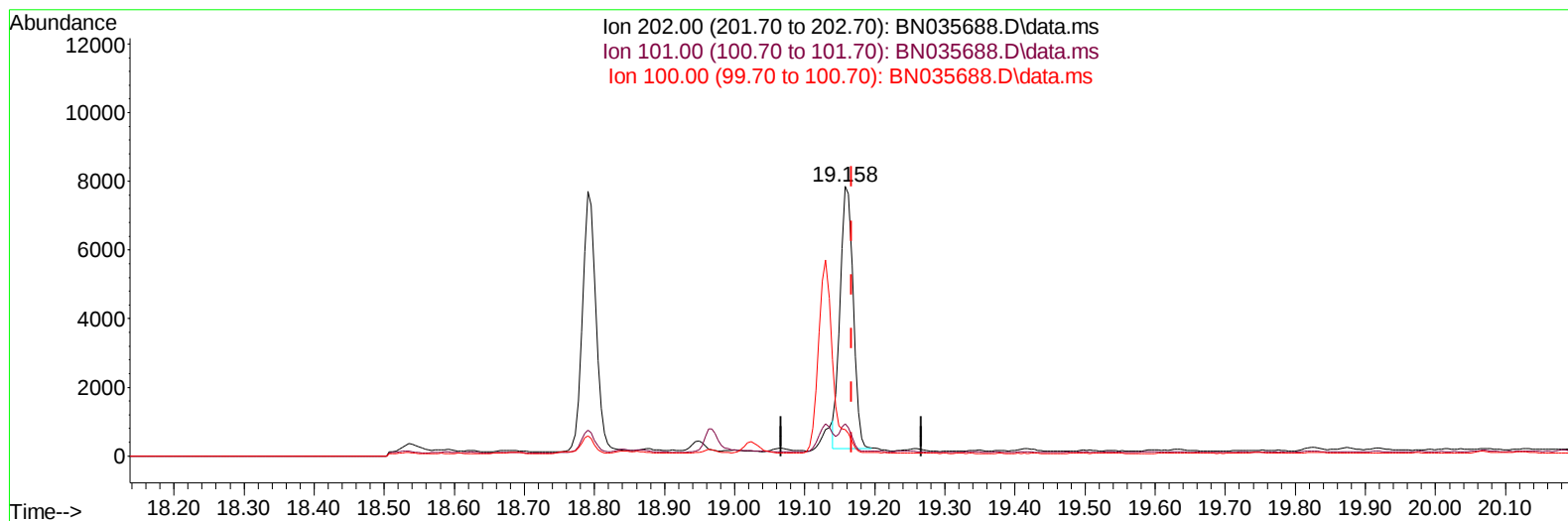
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035688.D
Acq On : 19 Dec 2024 02:30
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Sample : P5258-02
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ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Dec 19 03:34:18 2024
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TIC: BN035688.D\data.ms

(20) Pyrene

19.158min (-0.009) 0.25 ng/ul m

response 9832

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	10.60	11.90
100.00	8.10	9.87#
0.00	0.00	0.00

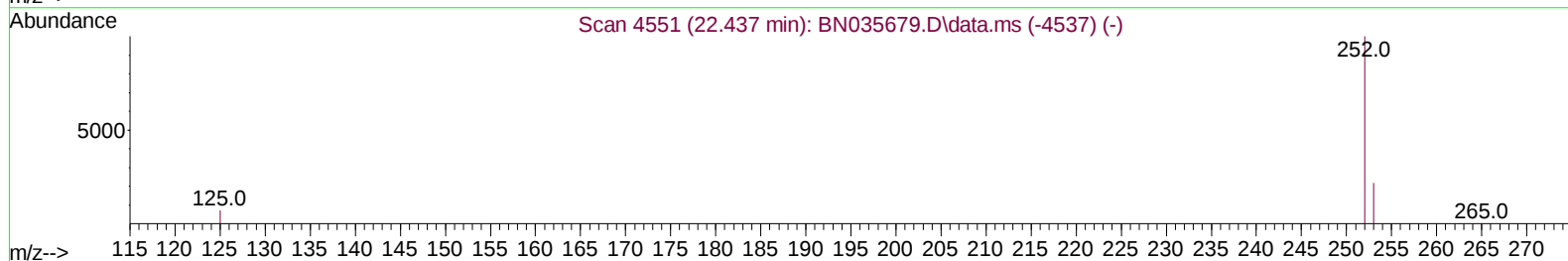
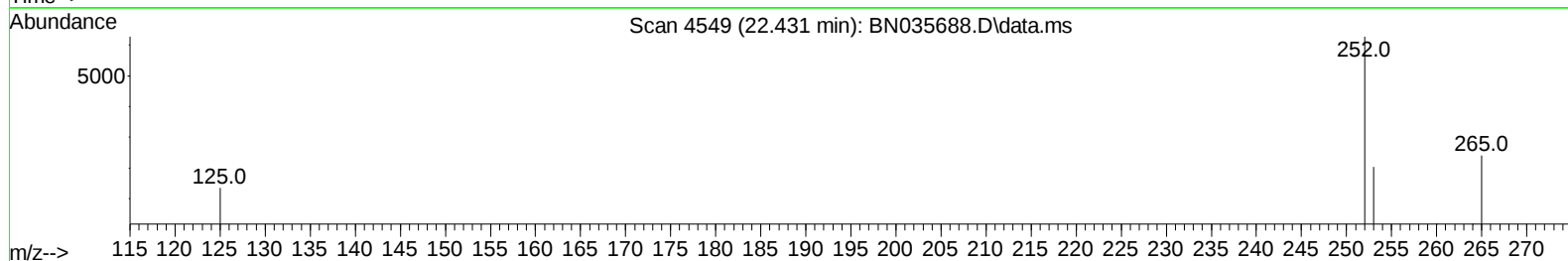
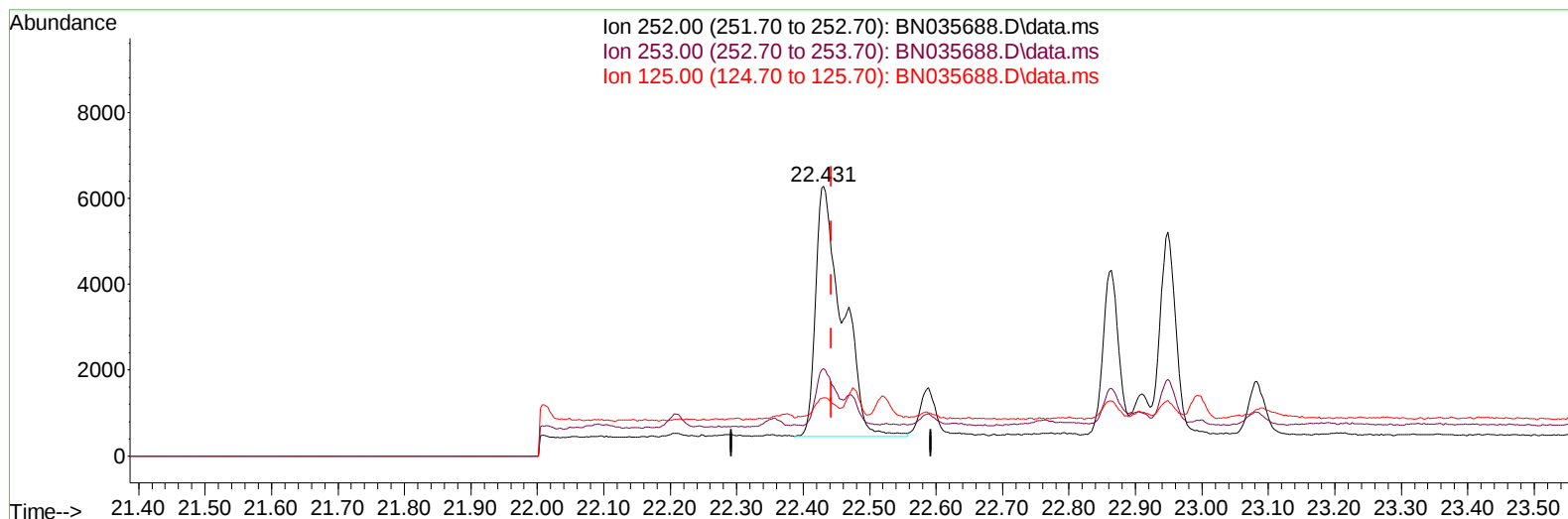
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035688.D
Acq On : 19 Dec 2024 02:30
Operator : RC/JU
Sample : P5258-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28W8

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024

Quant Time: Dec 19 03:34:18 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
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TIC: BN035688.D\data.ms

(24) Benzo(b)fluoranthene

22.431min (-0.012) 0.45 ng/u1

response 16331

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	32.53
125.00	18.80	21.49
0.00	0.00	0.00

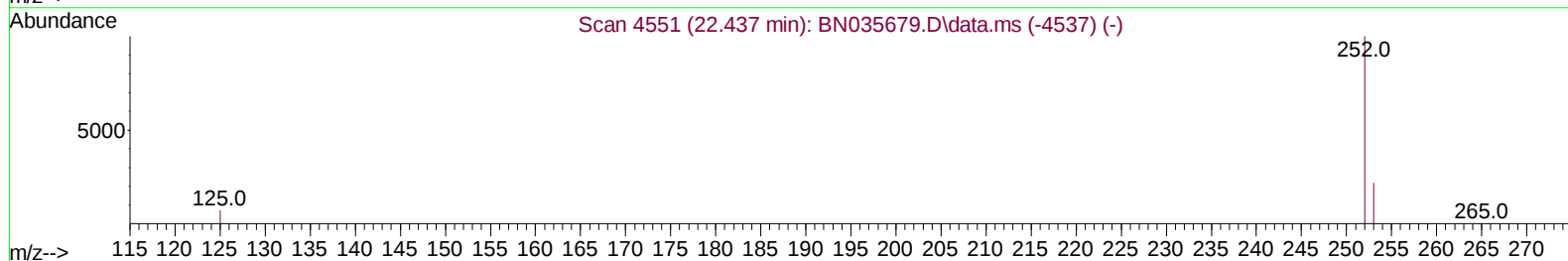
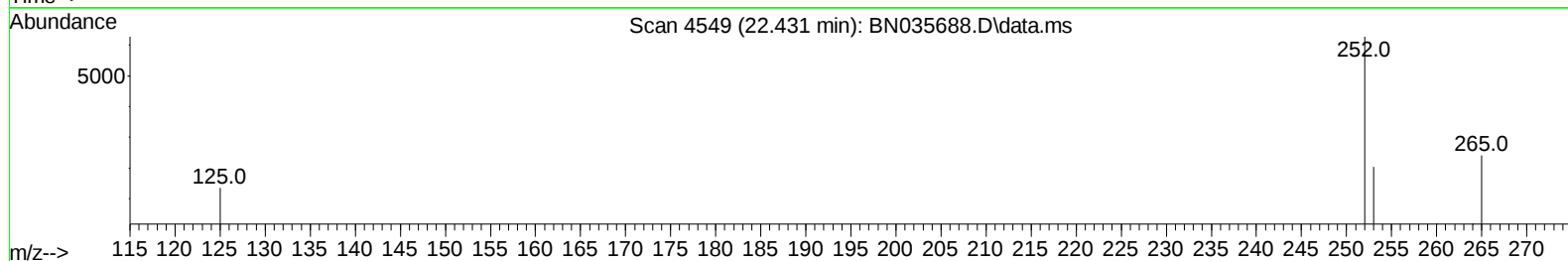
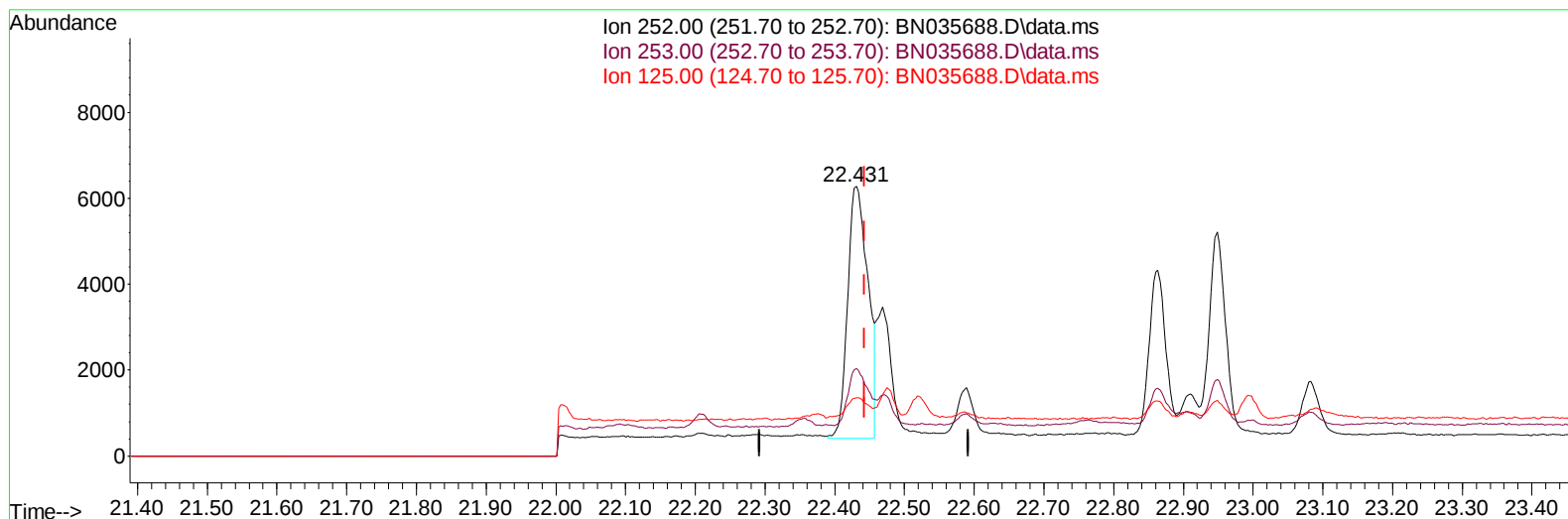
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035688.D
Acq On : 19 Dec 2024 02:30
Operator : RC/JU
Sample : P5258-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28W8

Manual IntegrationsAPPROVED

Quant Time: Dec 19 03:34:18 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 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



TIC: BN035688.D\data.ms

(24) Benzo(b)fluoranthene

22.431min (-0.012) 0.33 ng/u1 m

response 11931

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	32.53
125.00	18.80	21.49
0.00	0.00	0.00

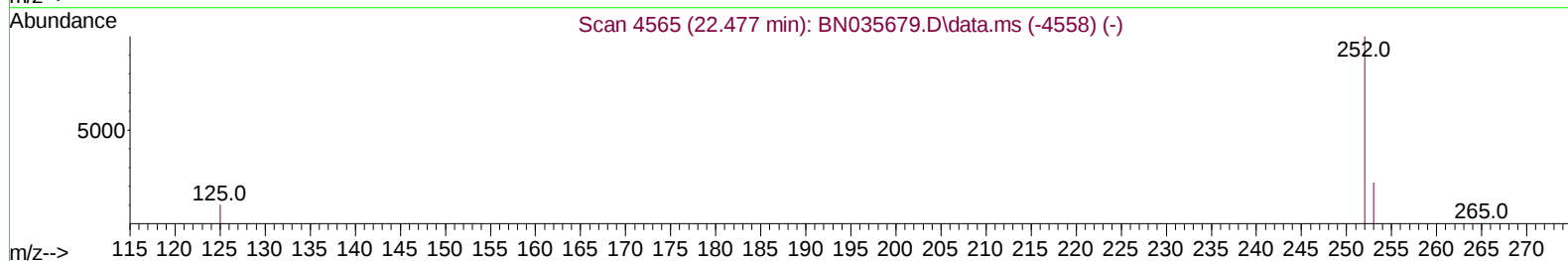
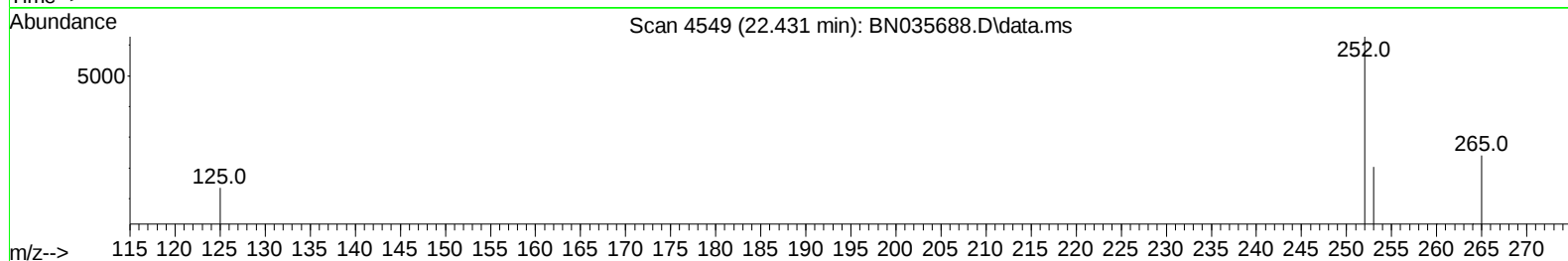
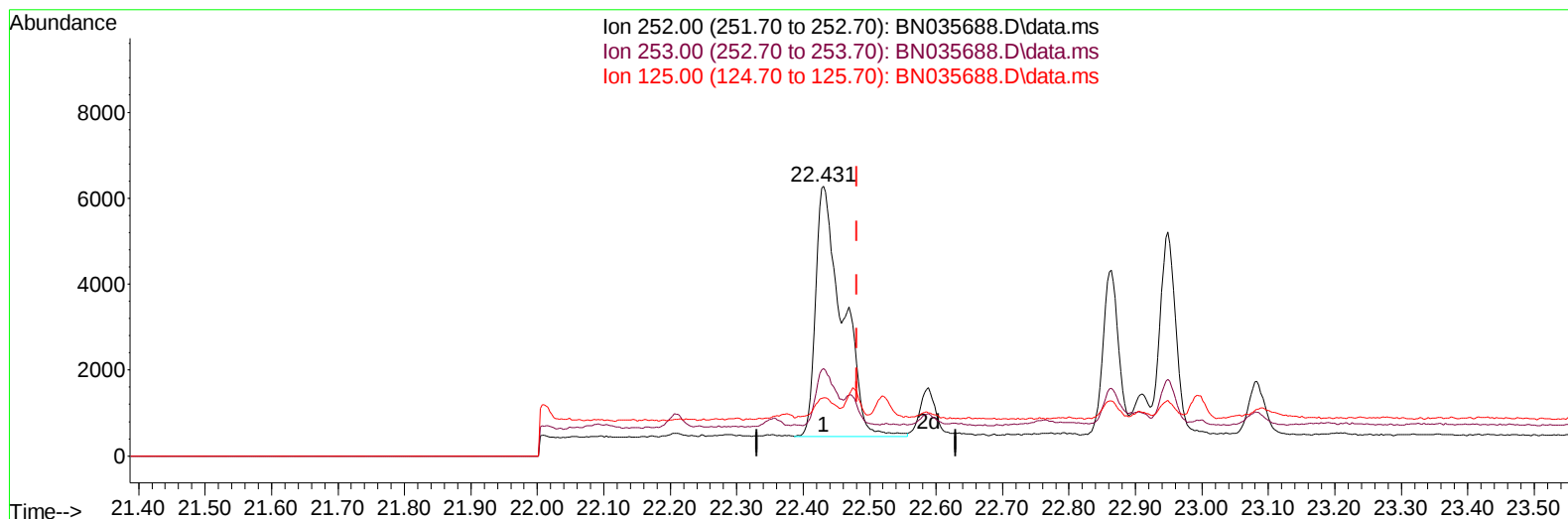
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035688.D
Acq On : 19 Dec 2024 02:30
Operator : RC/JU
Sample : P5258-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28W8

Manual IntegrationsAPPROVED

Quant Time: Dec 19 03:34:18 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 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



TIC: BN035688.D\data.ms

(25) Benzo(k)fluoranthene

22.431min (-0.050) 0.40 ng/u1

response 16331

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.60	32.53
125.00	19.10	21.49
0.00	0.00	0.00

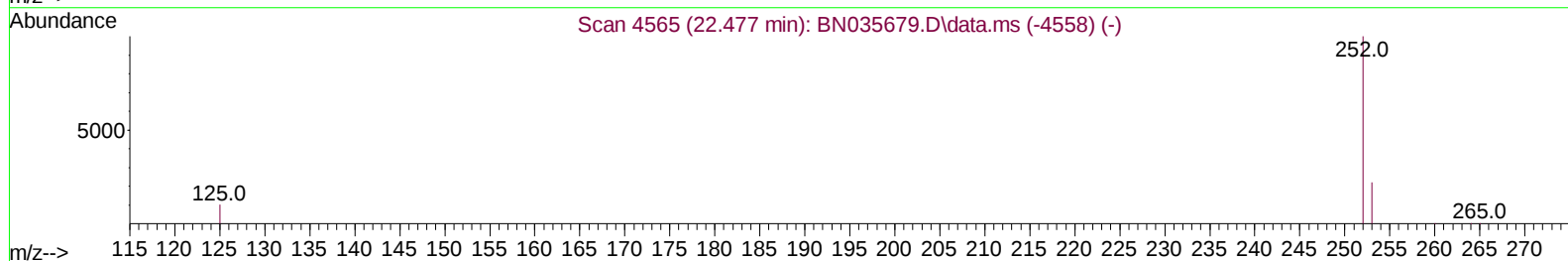
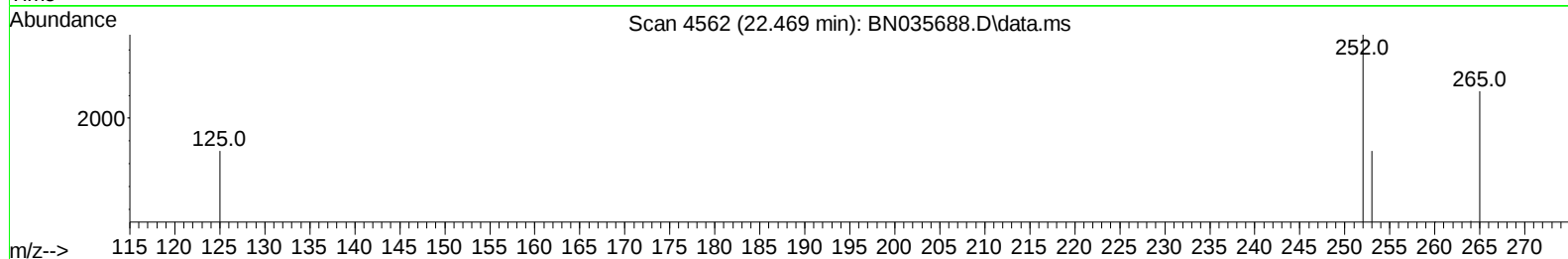
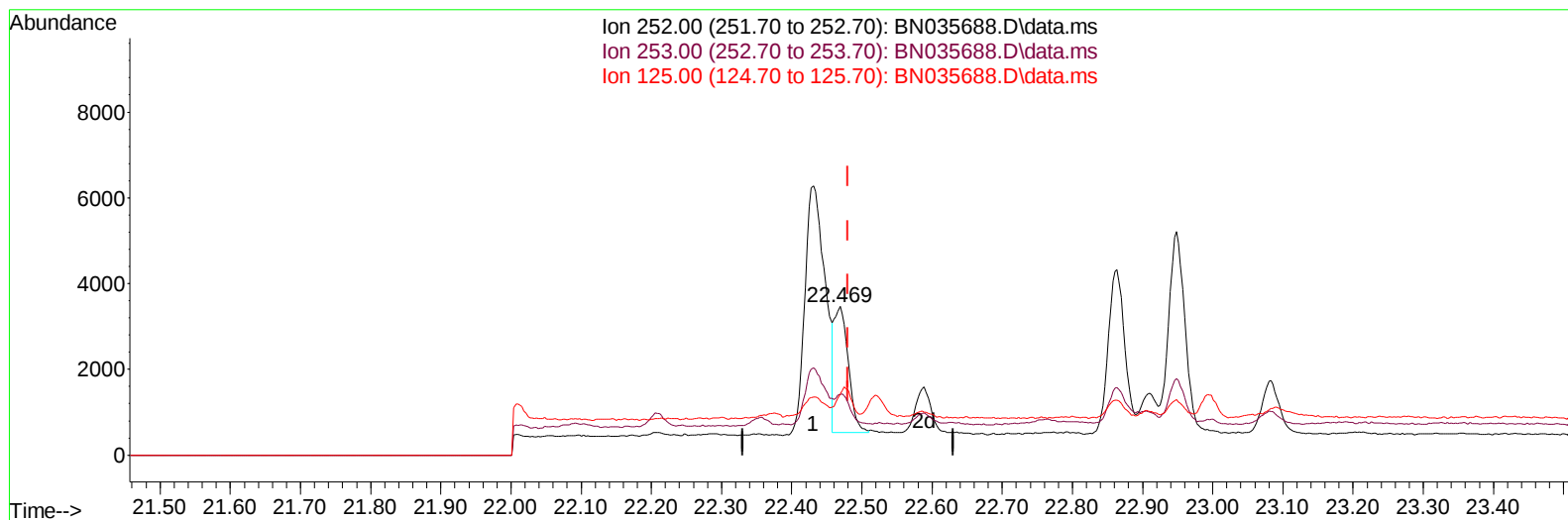
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035688.D
Acq On : 19 Dec 2024 02:30
Operator : RC/JU
Sample : P5258-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28W8

Manual IntegrationsAPPROVED

Quant Time: Dec 19 03:34:18 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 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



TIC: BN035688.D\data.ms

(25) Benzo(k)fluoranthene

22.469min (-0.012) 0.10 ng/u1 m

response 4117

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.60	40.95#
125.00	19.10	41.15#
0.00	0.00	0.00

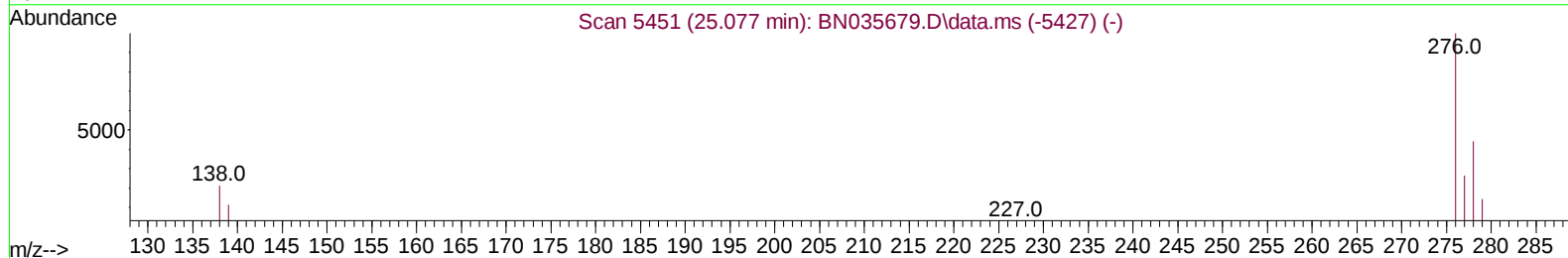
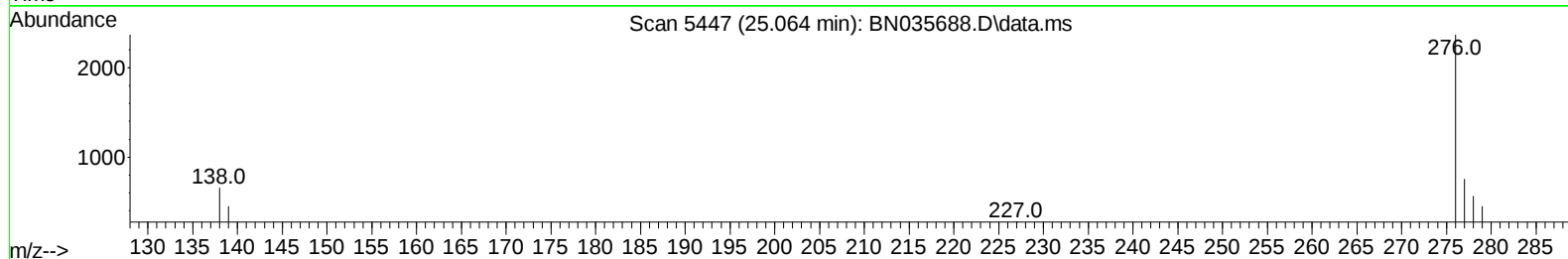
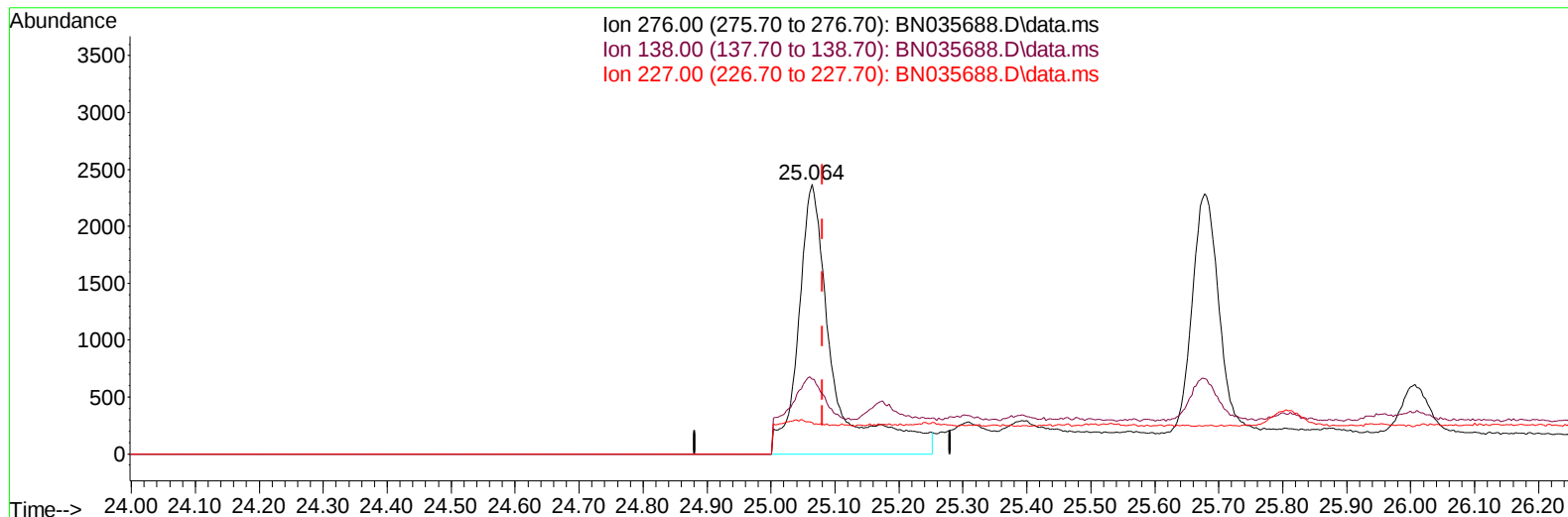
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035688.D
Acq On : 19 Dec 2024 02:30
Operator : RC/JU
Sample : P5258-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28W8

Manual IntegrationsAPPROVED

Quant Time: Dec 19 03:34:18 2024
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TIC: BN035688.D\data.ms

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

25.064min (-0.017) 0.20 ng/u1

response 8816

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.40	68.15#
227.00	27.00	44.28#
0.00	0.00	0.00

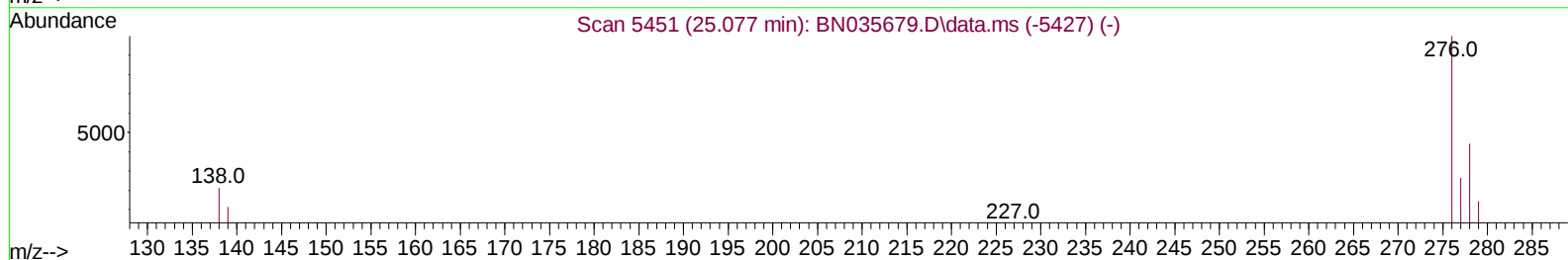
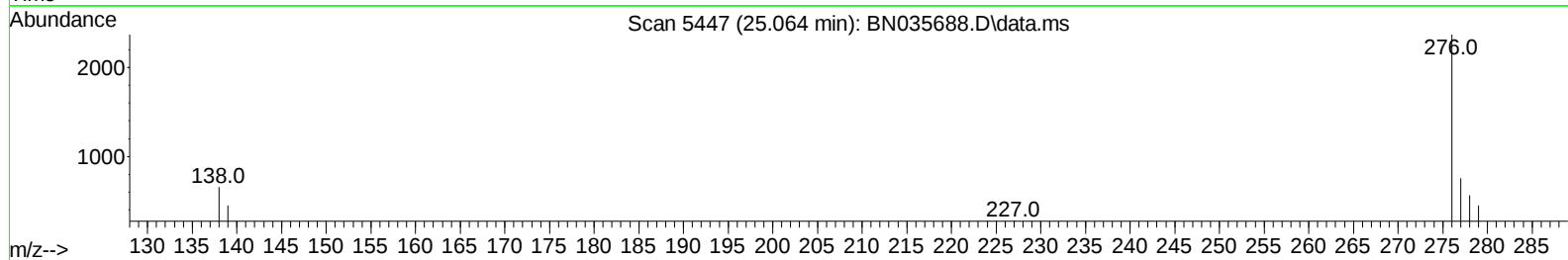
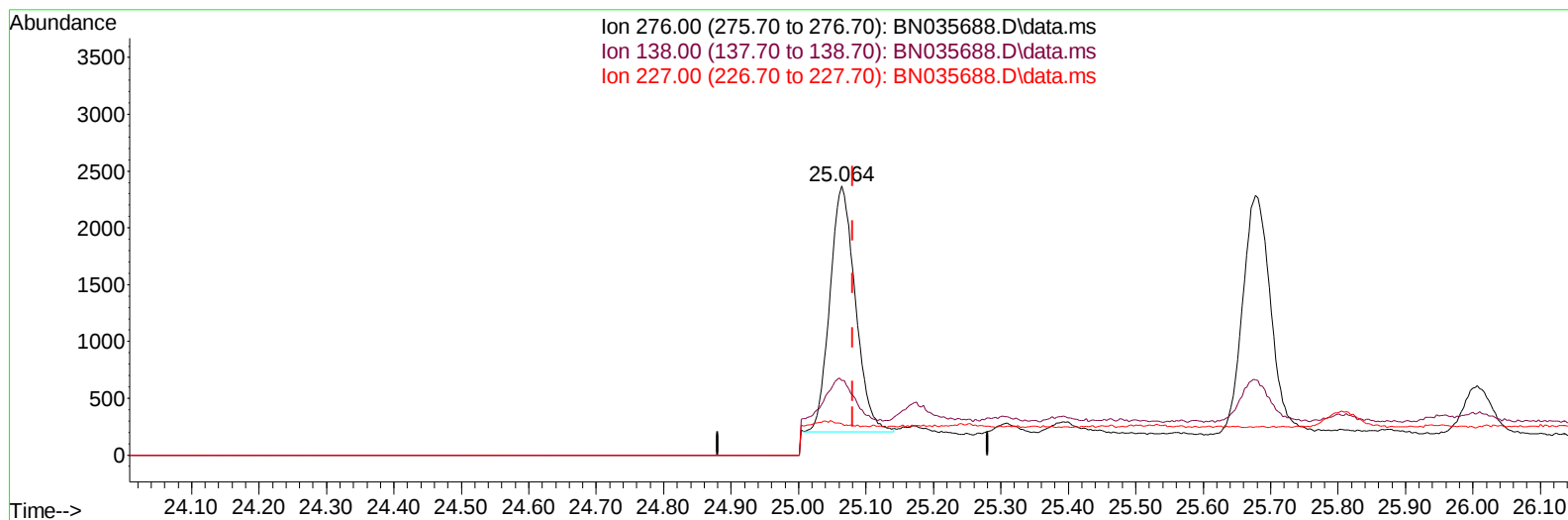
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035688.D
Acq On : 19 Dec 2024 02:30
Operator : RC/JU
Sample : P5258-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28W8

Manual IntegrationsAPPROVED

Quant Time: Dec 19 03:34:18 2024
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TIC: BN035688.D\data.ms

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

25.064min (-0.017) 0.13 ng/u1 m

response 5661

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.40	106.13#
227.00	27.00	68.96#
0.00	0.00	0.00

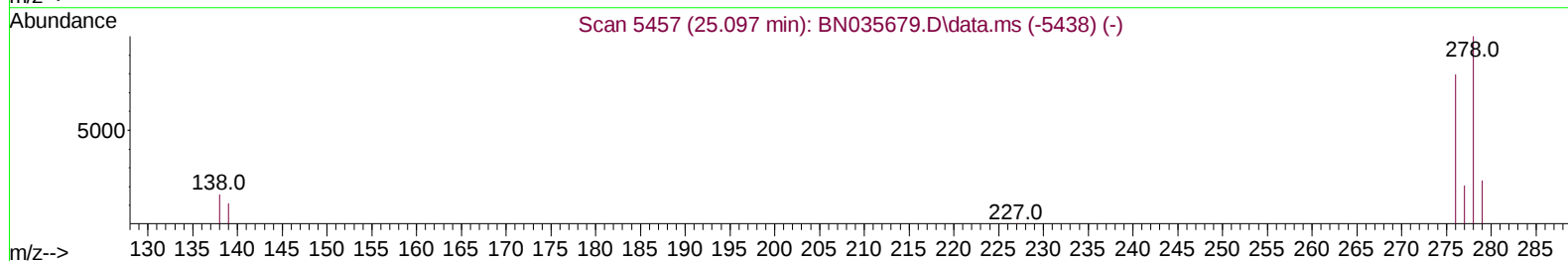
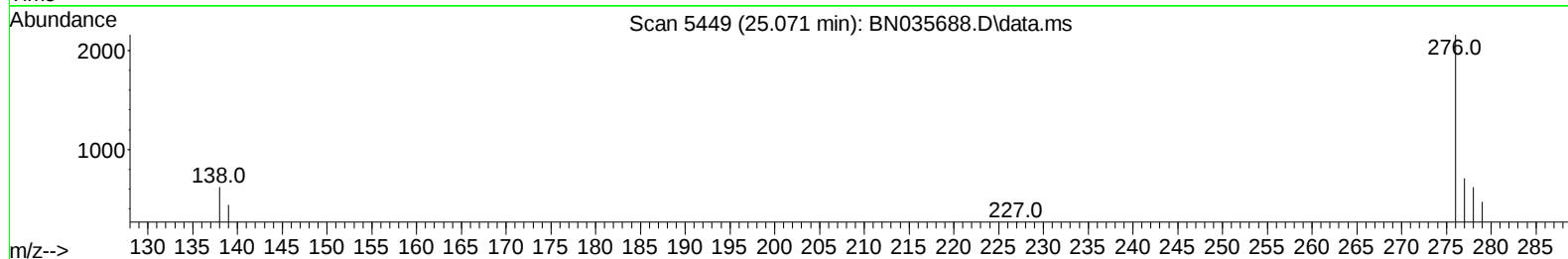
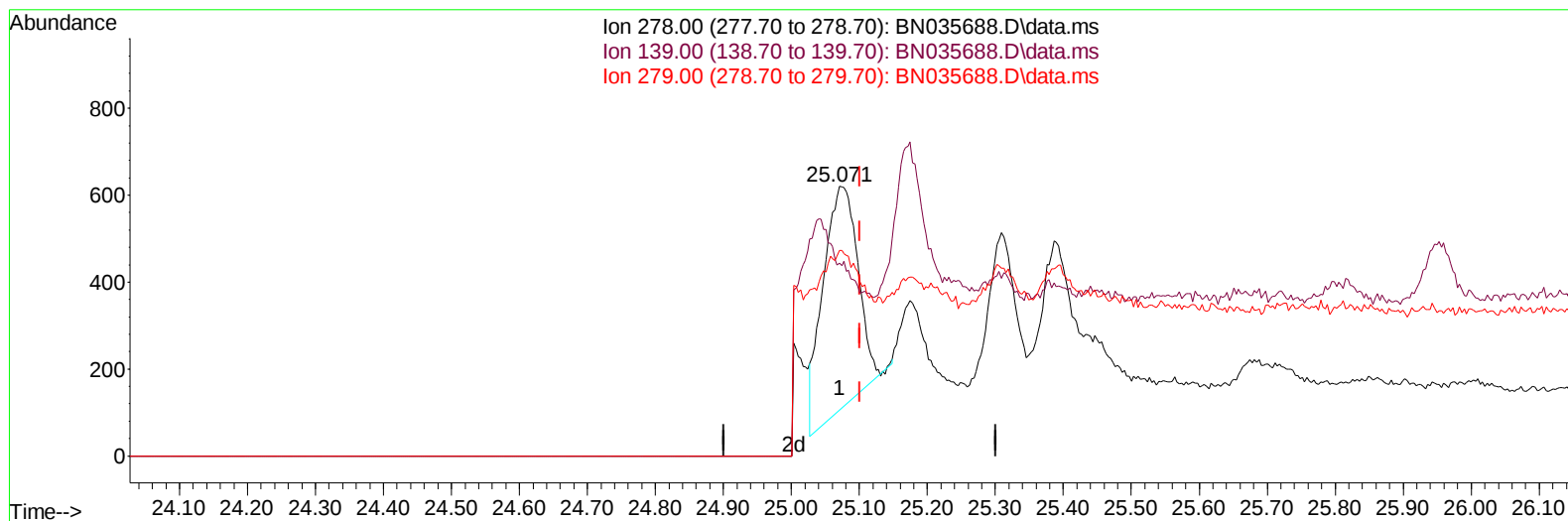
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Data File : BN035688.D
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Sample : P5258-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN035688.D\data.ms

(28) Dibenzo(a,h)anthracene

25.071min (-0.030) 0.06 ng/u1

response 1837

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	24.80	71.45#
279.00	30.00	76.29#
0.00	0.00	0.00

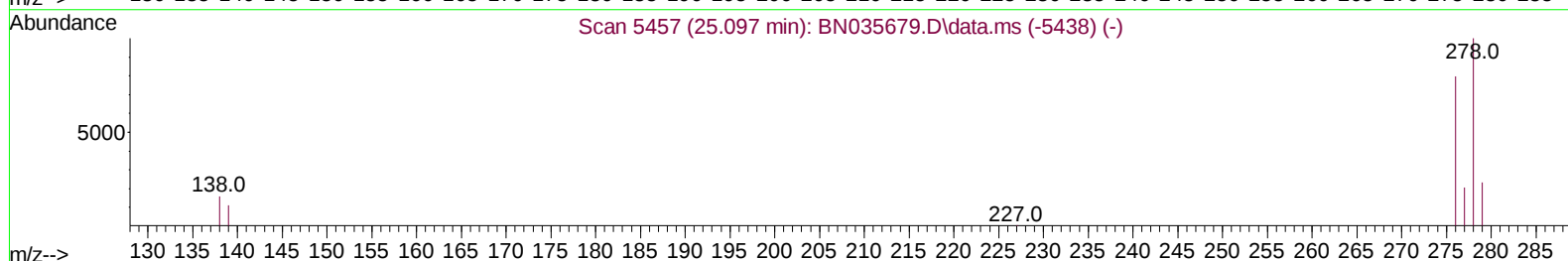
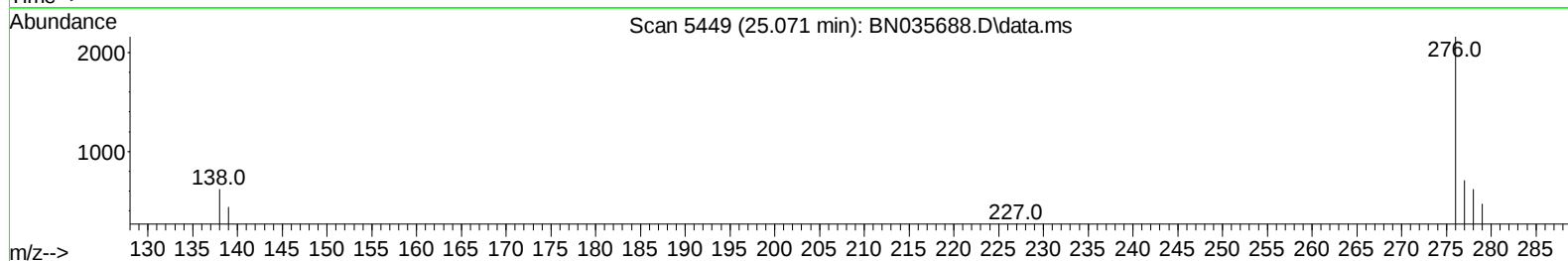
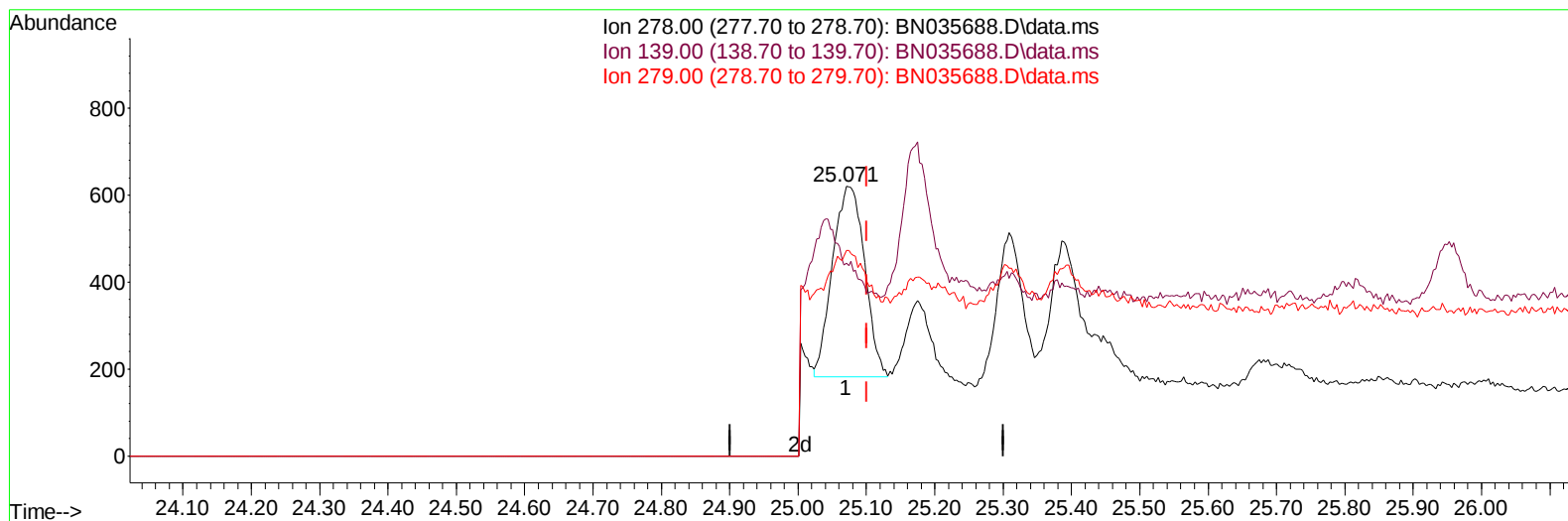
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035688.D
Acq On : 19 Dec 2024 02:30
Operator : RC/JU
Sample : P5258-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28W8

Manual IntegrationsAPPROVED

Quant Time: Dec 19 03:34:18 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 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



TIC: BN035688.D\data.ms

(28) Dibenzo(a,h)anthracene

25.071min (-0.030) 0.04 ng/ul m

response 1436

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	24.80	71.45#
279.00	30.00	76.29#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
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 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28W8

Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 12/24/2024

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 QLast Update : Mon Dec 16 16:26:08 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.276	152	2807	0.400	ng/ul	0.00
4) Naphthalene-d8	10.020	136	7662	0.400	ng/ul	-0.01
9) Acenaphthene-d10	13.940	164	5410	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.709	188	11330	0.400	ng/ul	0.00
17) Chrysene-d12	20.955	240	9924	0.400	ng/ul	0.00
23) Perylene-d12	23.039	264	12439	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.951	96	9142	3.673	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.626	152	2494	0.229	ng/ul	-0.01
18) Fluoranthene-d10	18.763	212	5730	0.198	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.069	128	1384m	0.074	ng/ul	
7) 2-Methylnaphthalene	11.703	142	1556	0.123	ng/ul	98
8) 1-Methylnaphthalene	11.928	142	570	0.043	ng/ul	94
10) Acenaphthylene	13.653	152	1227	0.059	ng/ul#	86
15) Phenanthrene	16.751	178	4055	0.143	ng/ul	97
16) Anthracene	16.840	178	1153	0.043	ng/ul#	81
19) Fluoranthene	18.791	202	10192	0.287	ng/ul	98
20) Pyrene	19.158	202	9832m	0.251	ng/ul	
21) Benzo(a)anthracene	20.941	228	6547	0.199	ng/ul#	90
22) Chrysene	20.991	228	7724	0.226	ng/ul#	94
24) Benzo(b)fluoranthene	22.431	252	11931m	0.325	ng/ul	
25) Benzo(k)fluoranthene	22.469	252	4117m	0.102	ng/ul	
26) Benzo(a)pyrene	22.948	252	7737	0.218	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.064	276	5661m	0.131	ng/ul	
28) Dibenzo(a,h)anthracene	25.071	278	1436m	0.044	ng/ul	
29) Benzo(g,h,i)perylene	25.678	276	6182	0.178	ng/ul	91

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035688.D
Acq On : 19 Dec 2024 02:30
Operator : RC/JU
Sample : P5258-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28W8

Manual IntegrationsAPPROVED

Quant Time: Dec 19 03:34:18 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 12/21/2024
Supervised By :mohammad ahmed 12/24/2024

