

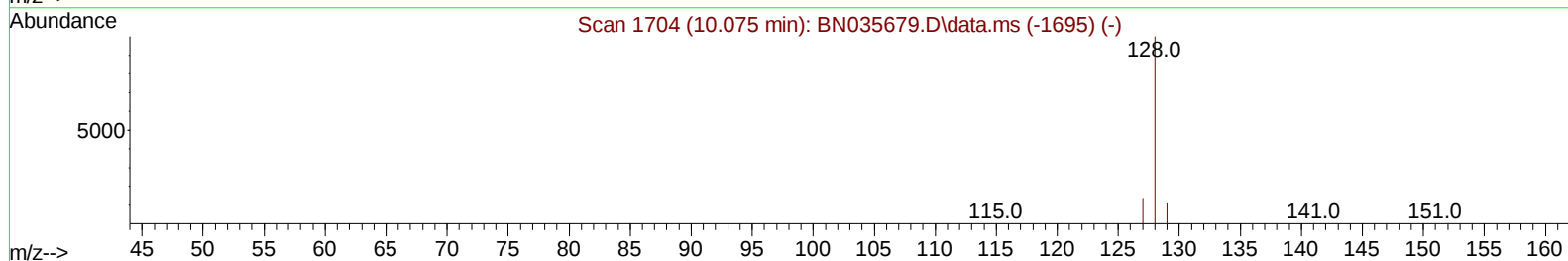
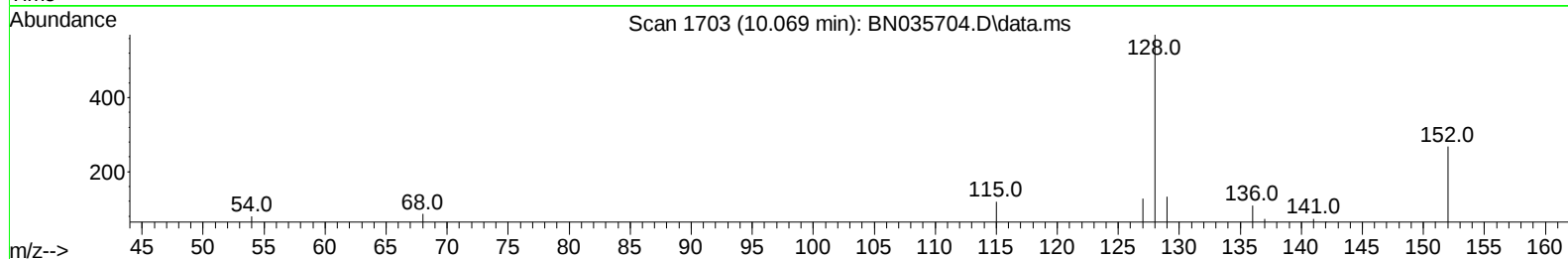
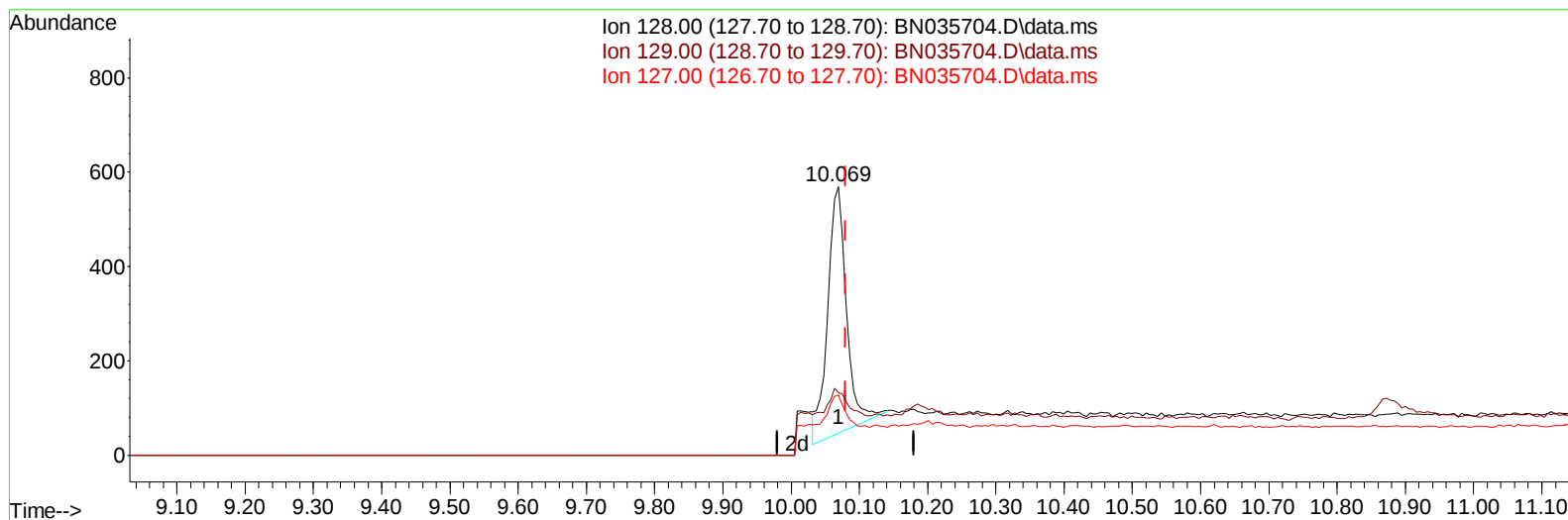
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035704.D
Acq On : 19 Dec 2024 13:53
Operator : RC/JU
Sample : P5258-08DL 5X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28X2DL

Manual IntegrationsAPPROVED

Quant Time: Dec 19 14:28:40 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: BN035704.D\data.ms

(5) Naphthalene

10.069min (-0.011) 0.05 ng/u1

response 1009

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	13.50	23.33#
127.00	15.00	22.28#
0.00	0.00	0.00

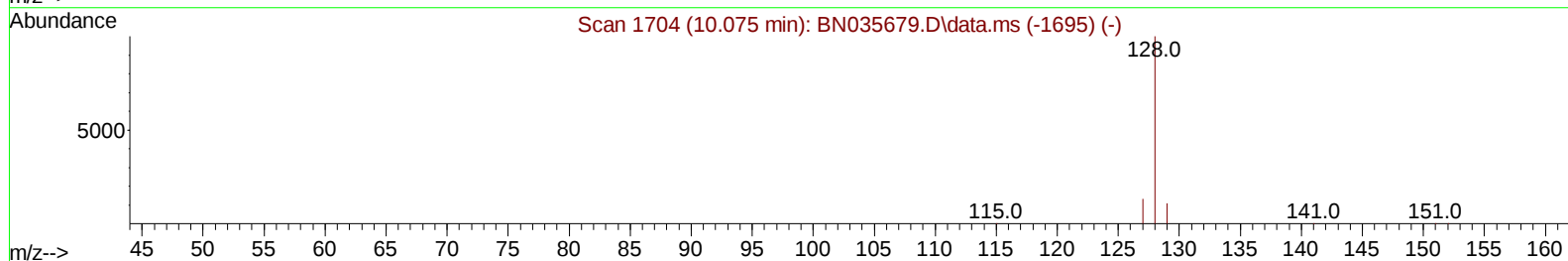
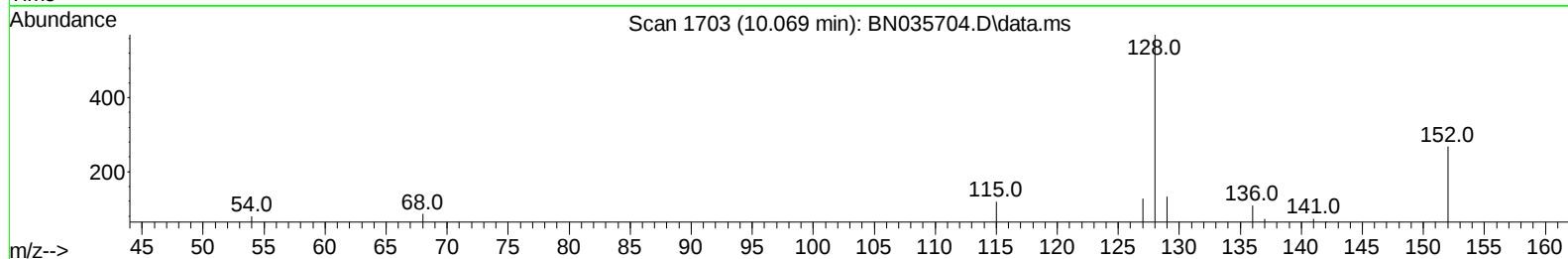
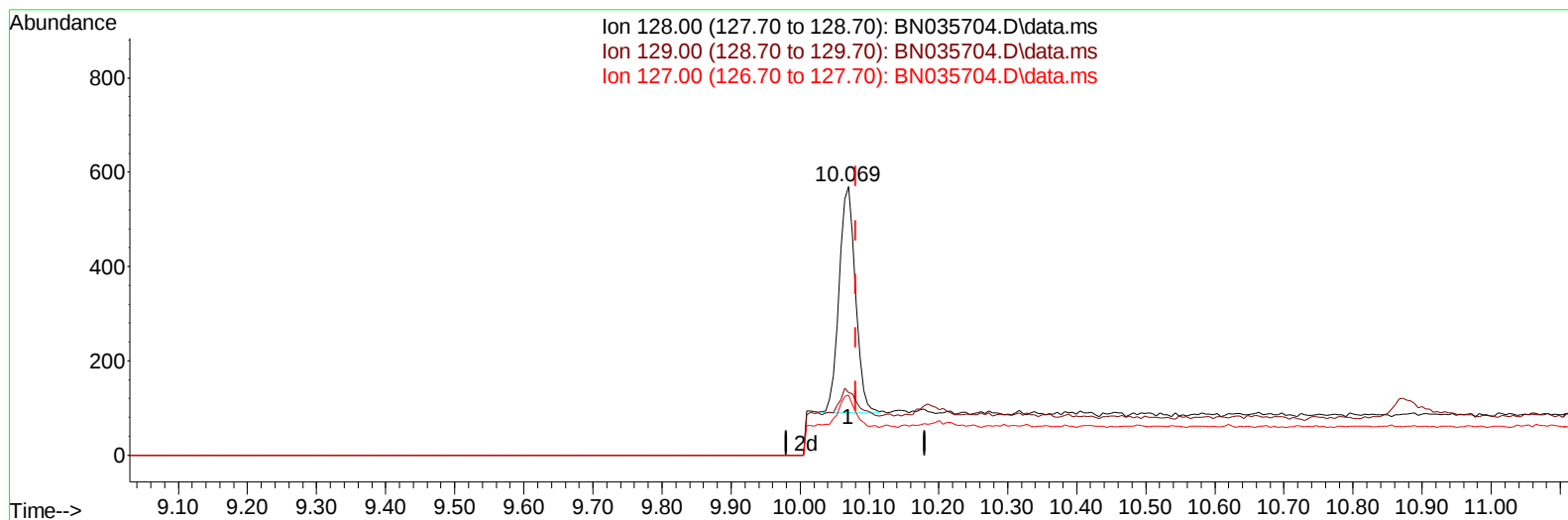
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035704.D
Acq On : 19 Dec 2024 13:53
Operator : RC/JU
Sample : P5258-08DL 5X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28X2DL

Manual IntegrationsAPPROVED

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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: BN035704.D\data.ms

(5) Naphthalene

10.069min (-0.011) 0.04 ng/ul m

response 786

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	13.50	23.33#
127.00	15.00	22.28#
0.00	0.00	0.00

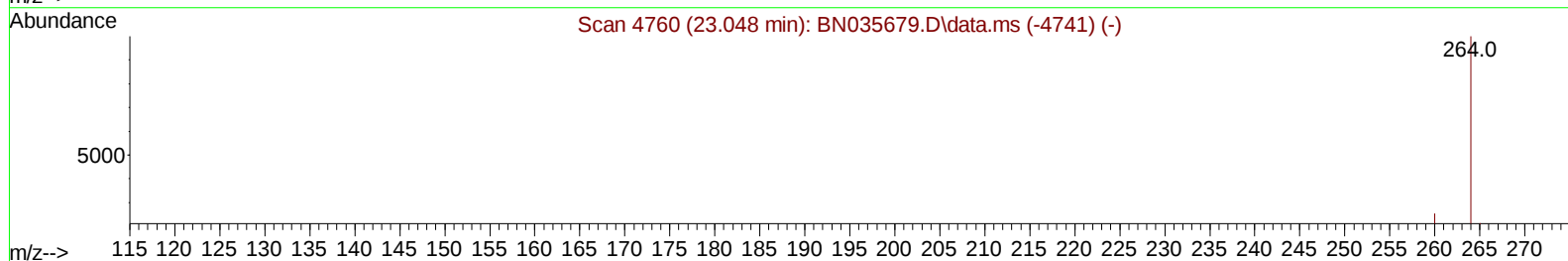
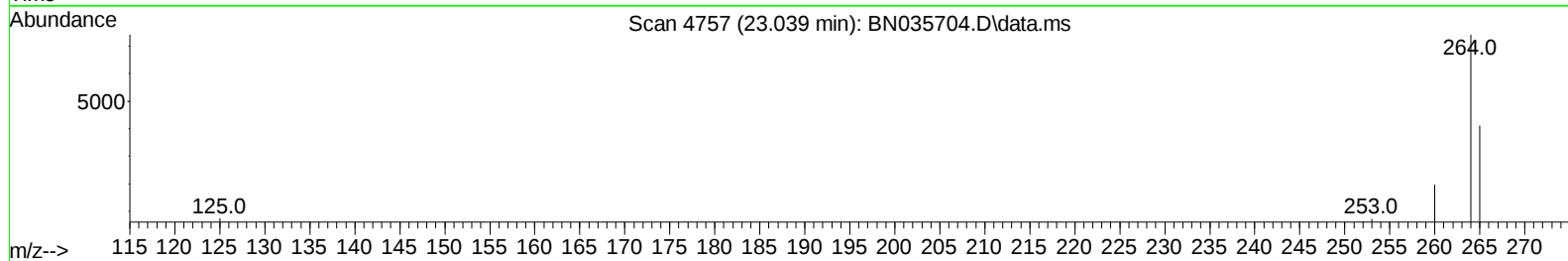
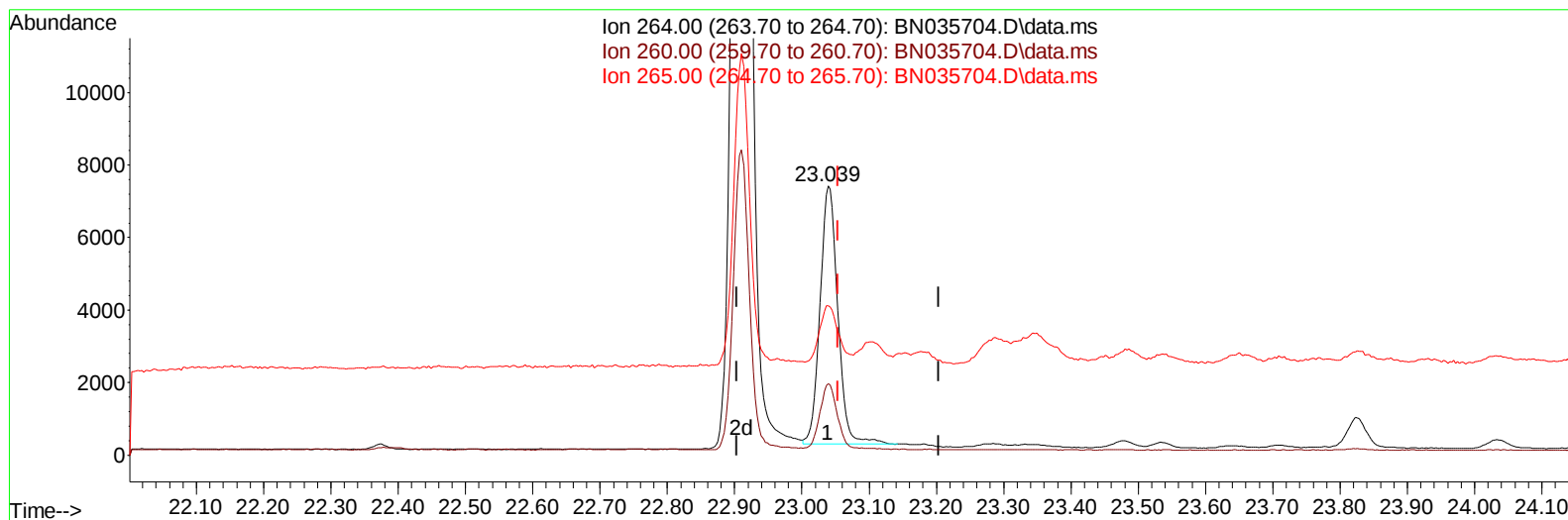
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035704.D
Acq On : 19 Dec 2024 13:53
Operator : RC/JU
Sample : P5258-08DL 5X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28X2DL

Manual IntegrationsAPPROVED

Quant Time: Dec 19 14:28:40 2024
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TIC: BN035704.D\data.ms

(23) Perylene-d12 (I)

23.039min (-0.014) 0.40 ng/u1

response 13091

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.40	26.61
265.00	62.10	55.60
0.00	0.00	0.00

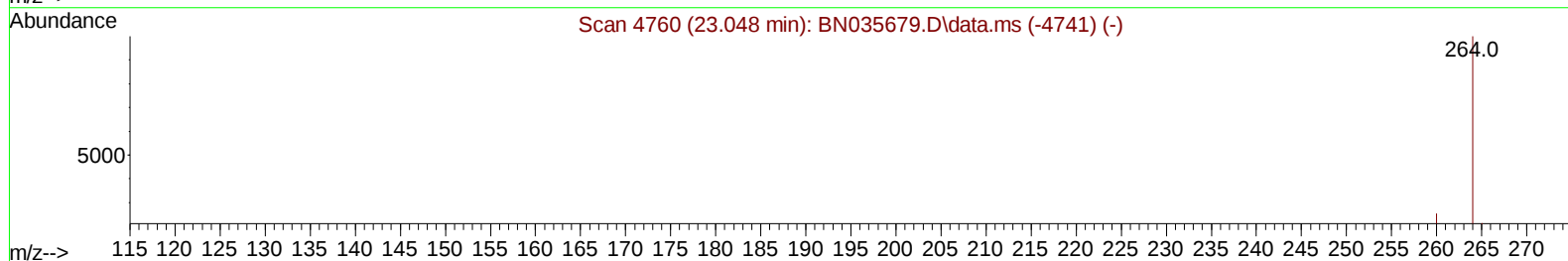
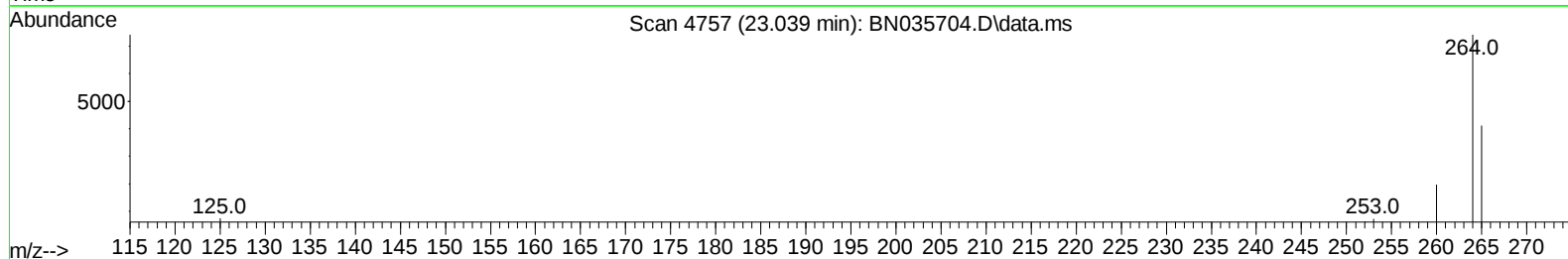
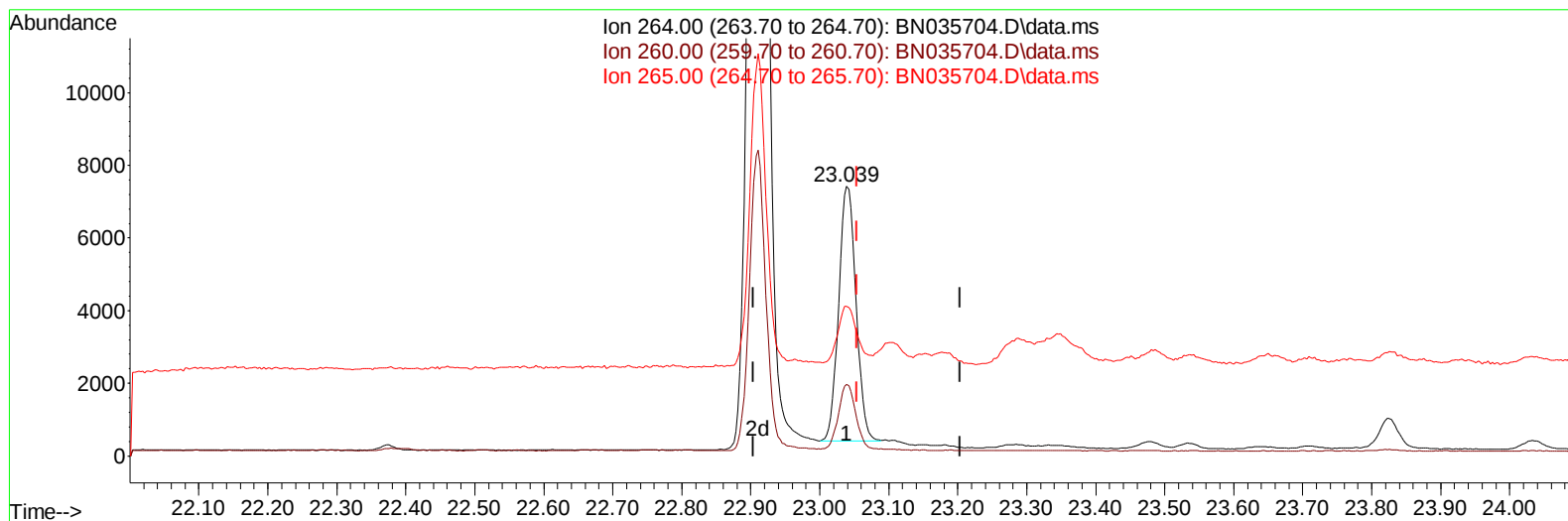
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035704.D
Acq On : 19 Dec 2024 13:53
Operator : RC/JU
Sample : P5258-08DL 5X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28X2DL

Manual IntegrationsAPPROVED

Quant Time: Dec 19 14:28:40 2024
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QLast Update : Mon Dec 16 16:26:08 2024
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Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



TIC: BN035704.D\data.ms

(23) Perylene-d12 (I)

23.039min (-0.014) 0.40 ng/ul m

response 12282

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.40	26.61
265.00	62.10	55.60
0.00	0.00	0.00

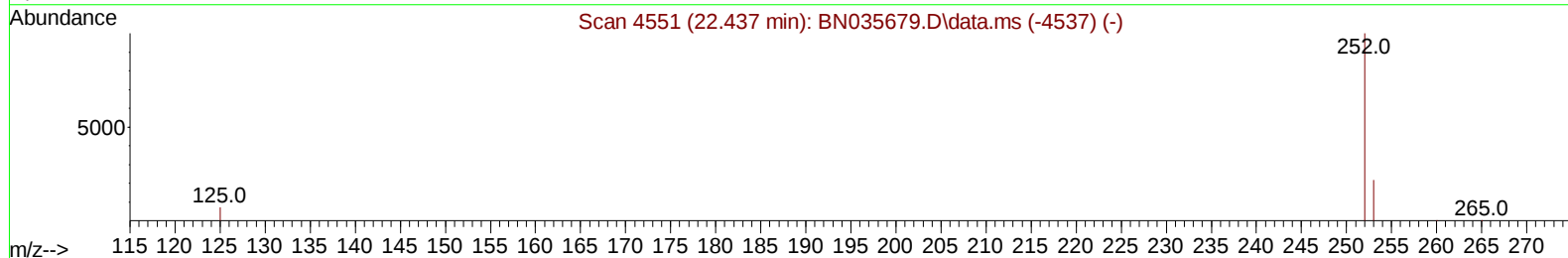
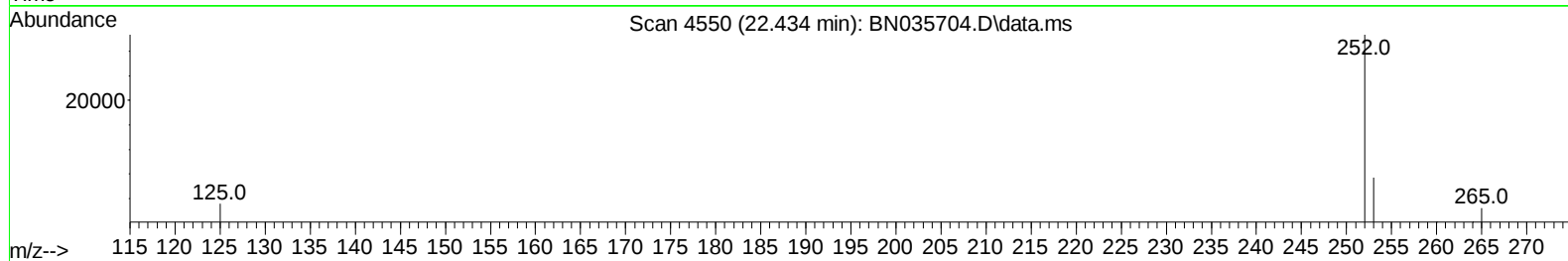
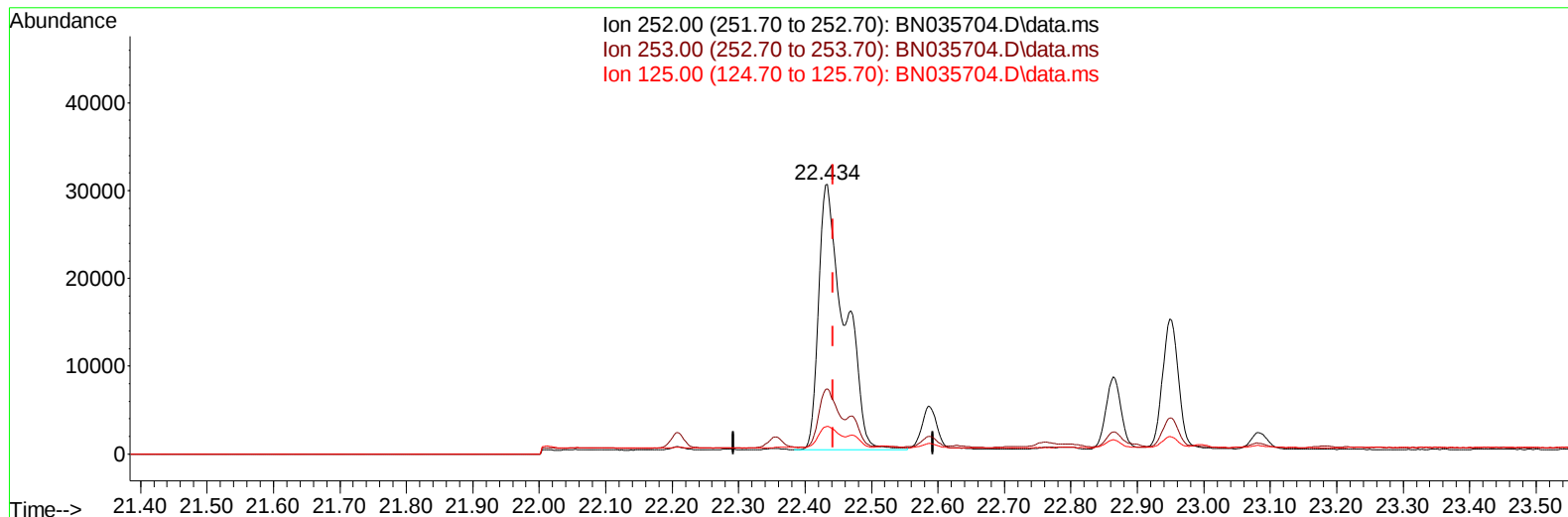
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035704.D
Acq On : 19 Dec 2024 13:53
Operator : RC/JU
Sample : P5258-08DL 5X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28X2DL

Manual IntegrationsAPPROVED

Quant Time: Dec 19 14:28:40 2024
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TIC: BN035704.D\data.ms

(24) Benzo(b)fluoranthene

22.434min (-0.009) 2.27 ng/u1

response 82071

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	24.26
125.00	18.80	10.22
0.00	0.00	0.00

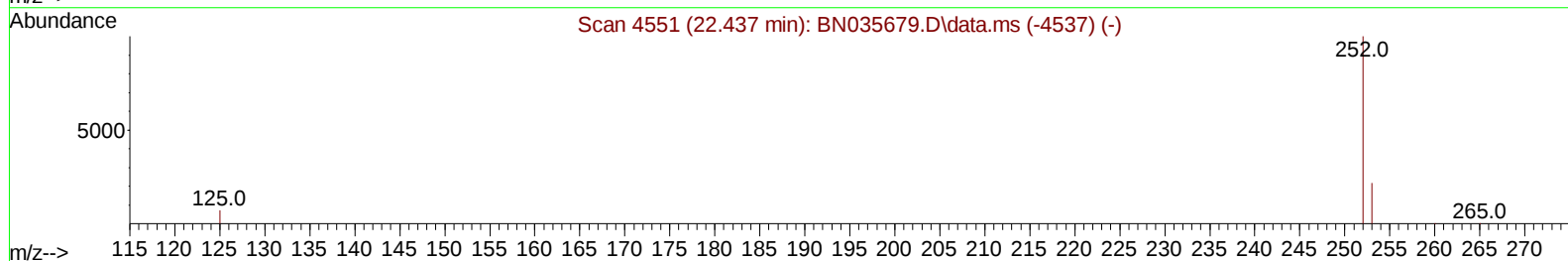
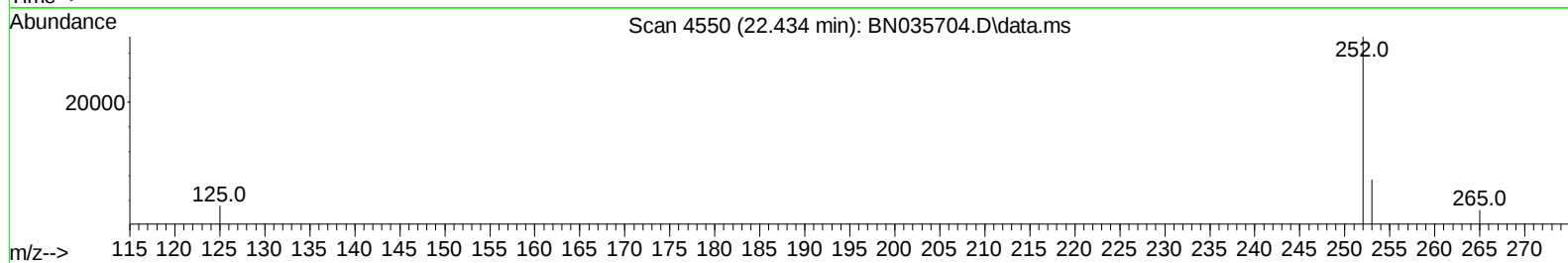
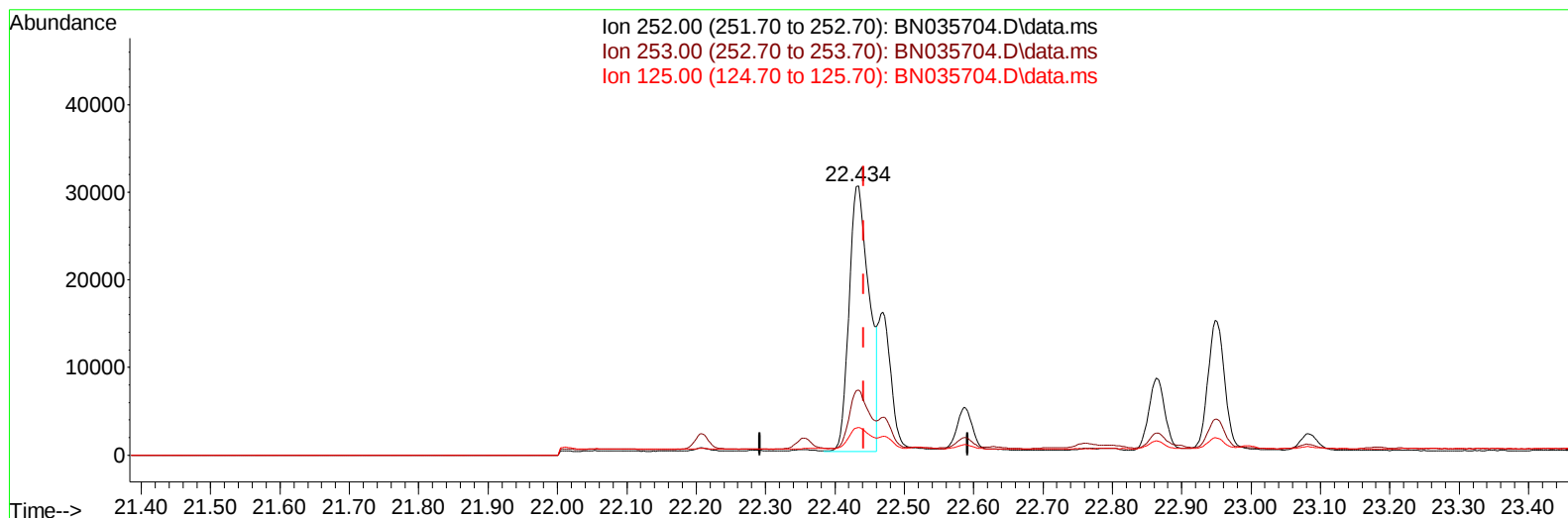
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035704.D
Acq On : 19 Dec 2024 13:53
Operator : RC/JU
Sample : P5258-08DL 5X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28X2DL

Manual IntegrationsAPPROVED

Quant Time: Dec 19 14:28:40 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: BN035704.D\data.ms

(24) Benzo(b)fluoranthene

22.434min (-0.009) 1.71 ng/u1 m

response 61746

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	24.26
125.00	18.80	10.22
0.00	0.00	0.00

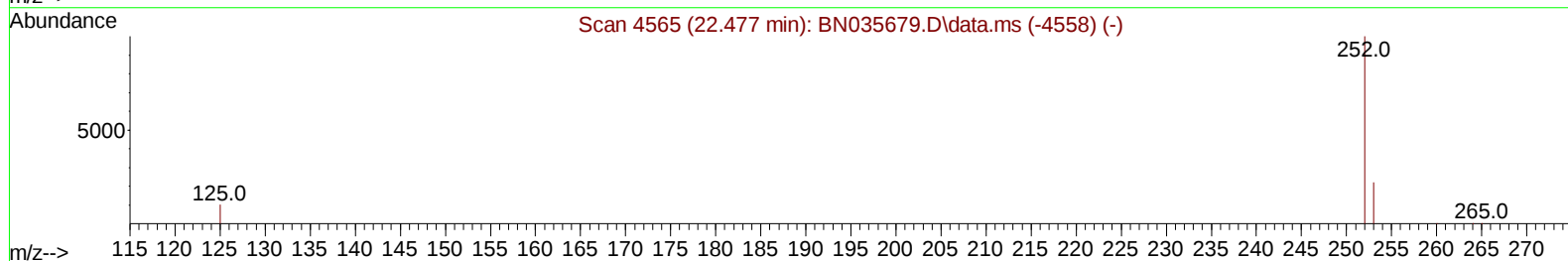
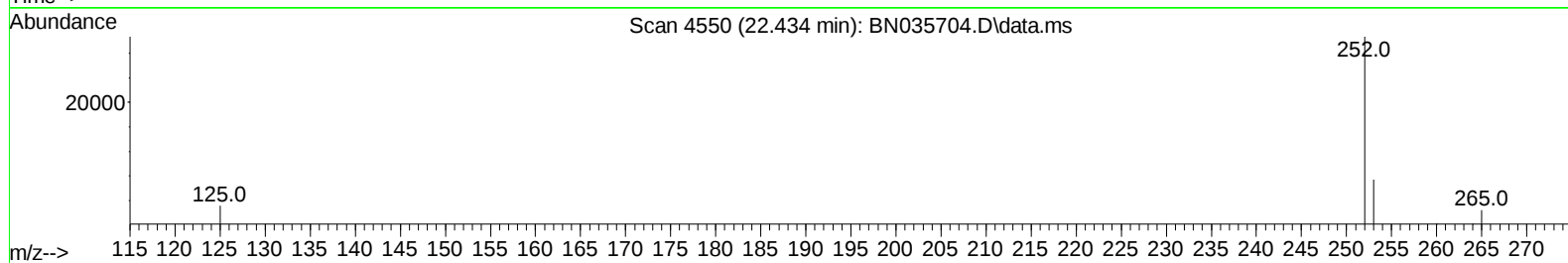
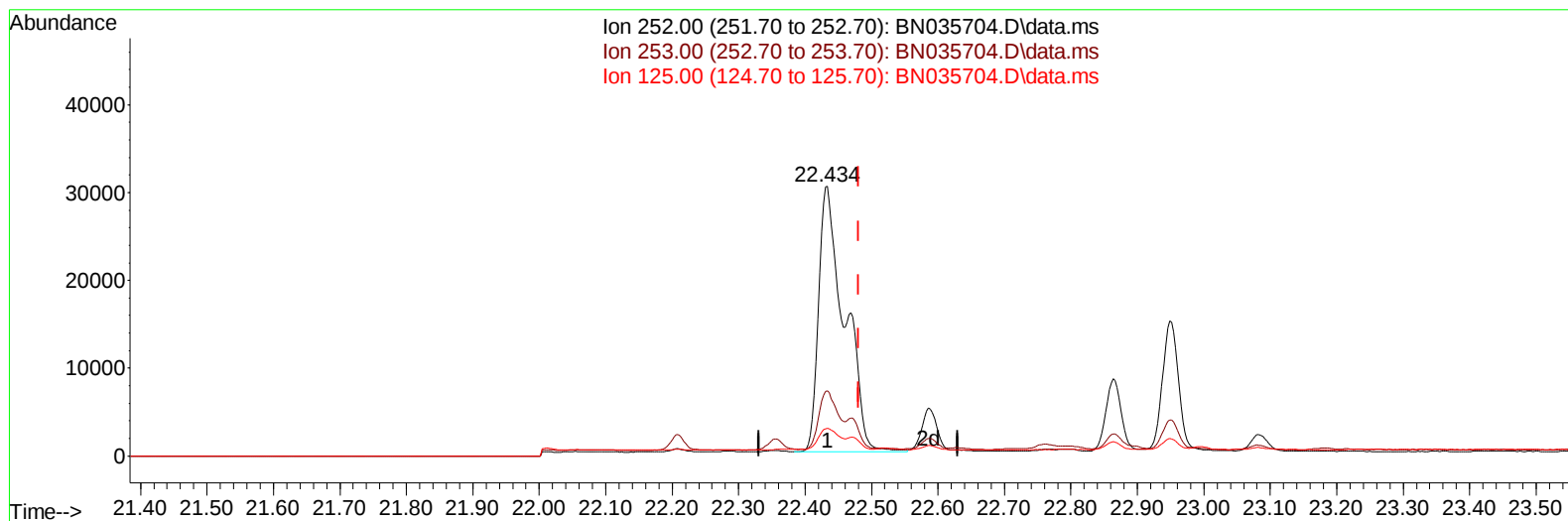
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035704.D
Acq On : 19 Dec 2024 13:53
Operator : RC/JU
Sample : P5258-08DL 5X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28X2DL

Manual IntegrationsAPPROVED

Quant Time: Dec 19 14:28:40 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: BN035704.D\data.ms

(25) Benzo(k)fluoranthene

22.434min (-0.047) 2.05 ng/u1

response 82071

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.60	24.26
125.00	19.10	10.22#
0.00	0.00	0.00

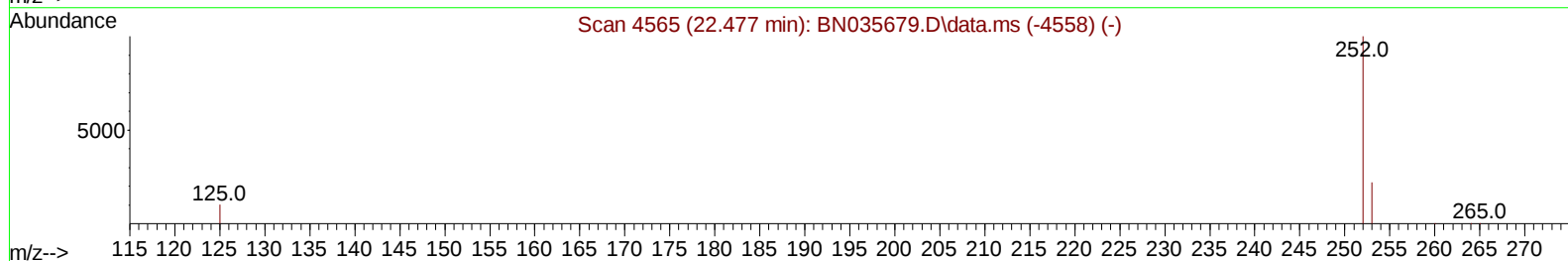
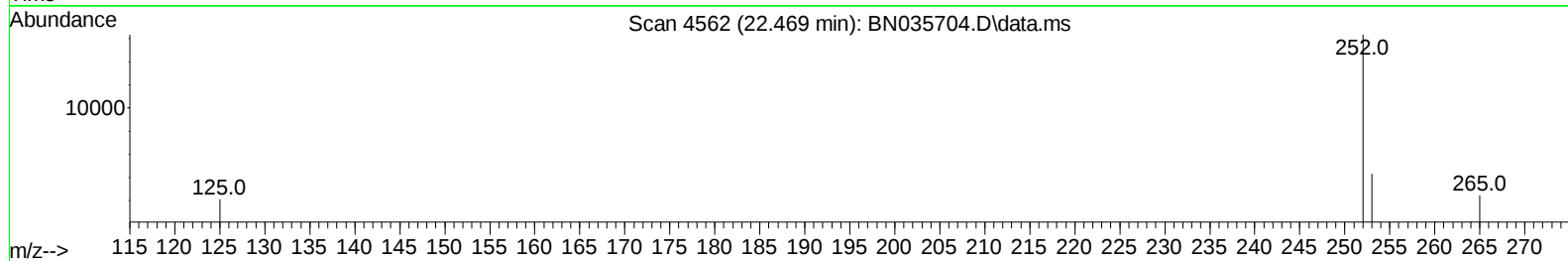
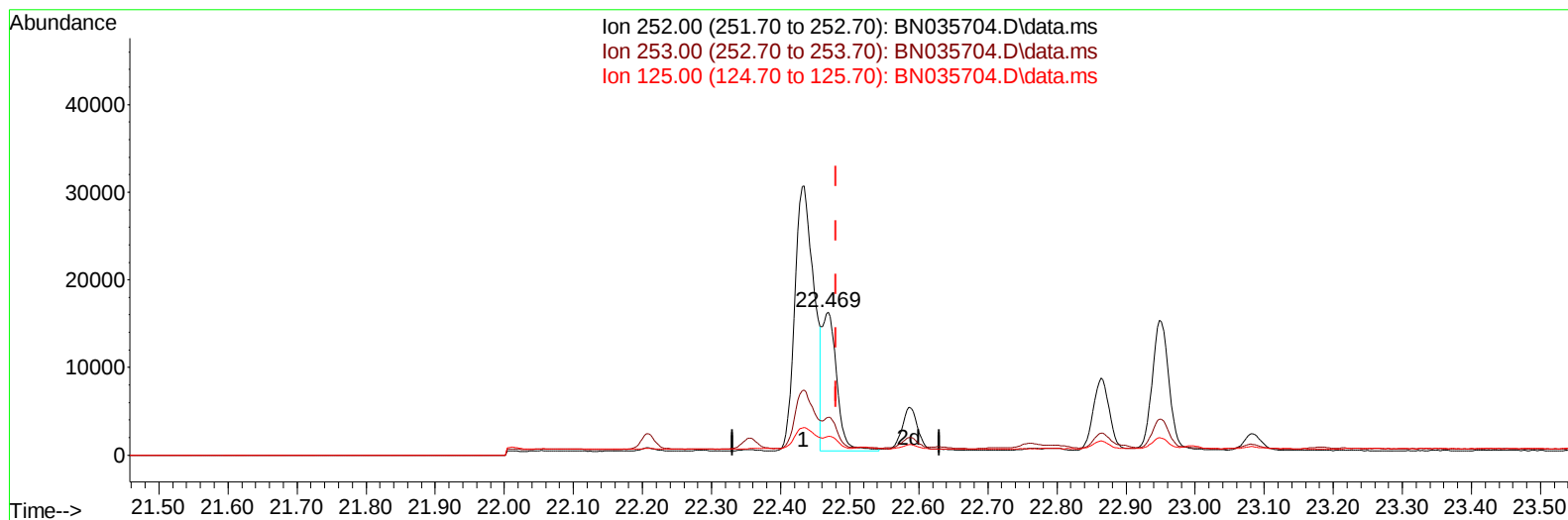
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035704.D
Acq On : 19 Dec 2024 13:53
Operator : RC/JU
Sample : P5258-08DL 5X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28X2DL

Manual IntegrationsAPPROVED

Quant Time: Dec 19 14:28:40 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: BN035704.D\data.ms

(25) Benzo(k)fluoranthene

22.469min (-0.012) 0.57 ng/u1 m

response 22923

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.60	26.45
125.00	19.10	12.92#
0.00	0.00	0.00

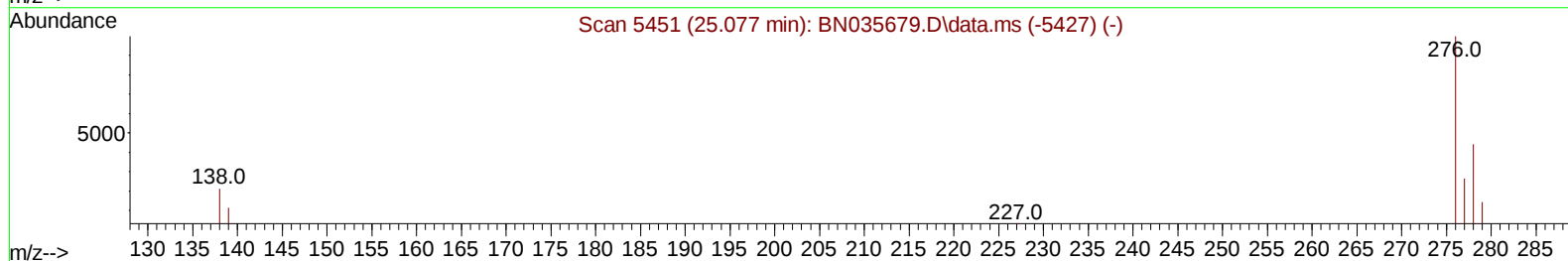
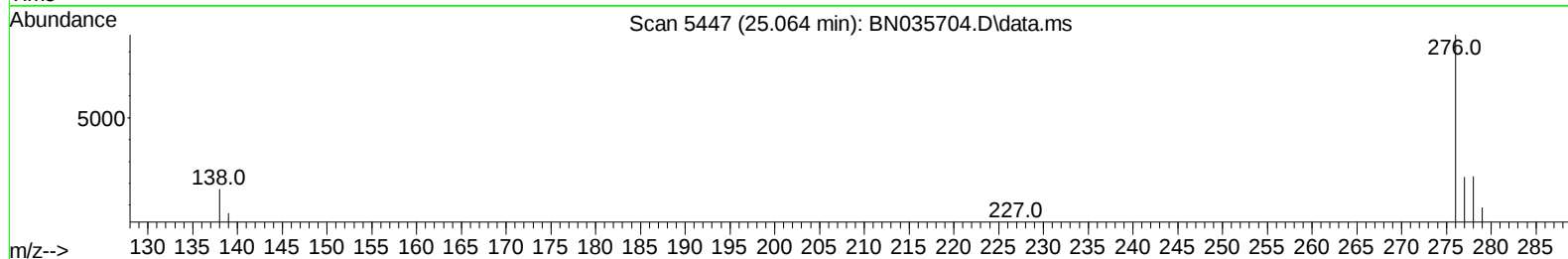
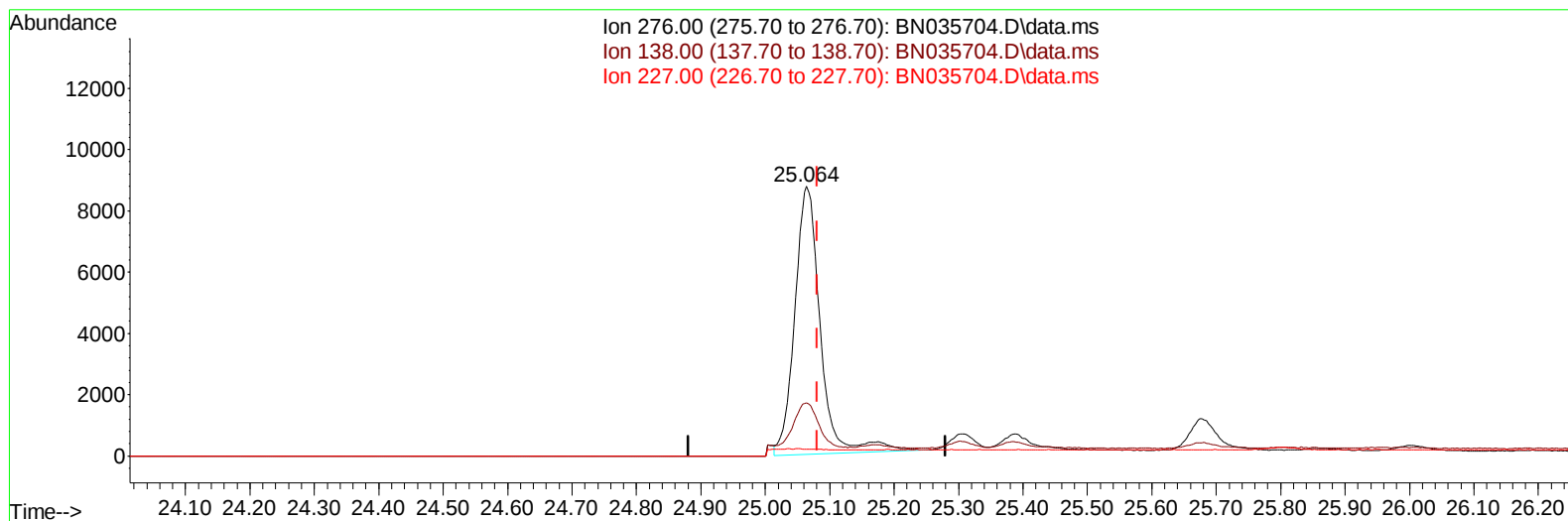
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035704.D
Acq On : 19 Dec 2024 13:53
Operator : RC/JU
Sample : P5258-08DL 5X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28X2DL

Manual IntegrationsAPPROVED

Quant Time: Dec 19 14:28:40 2024
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TIC: BN035704.D\data.ms

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

25.064min (-0.017) 0.57 ng/u1

response 24178

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.40	24.32#
227.00	27.00	0.00#
0.00	0.00	0.00

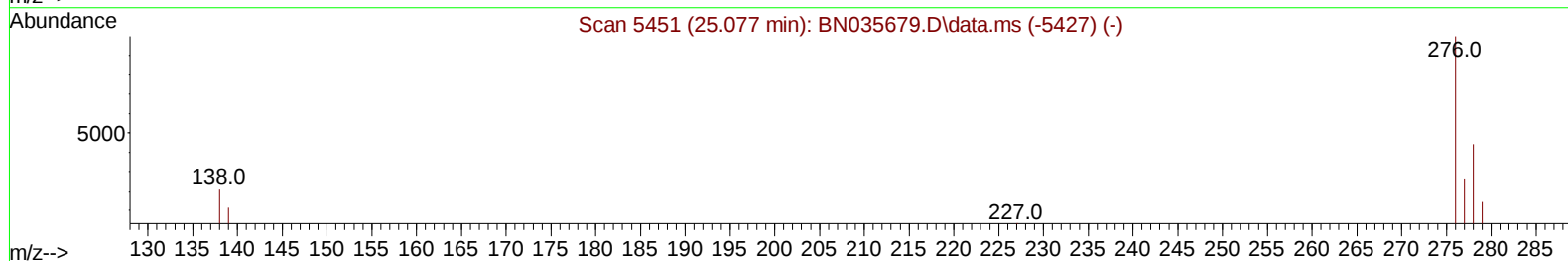
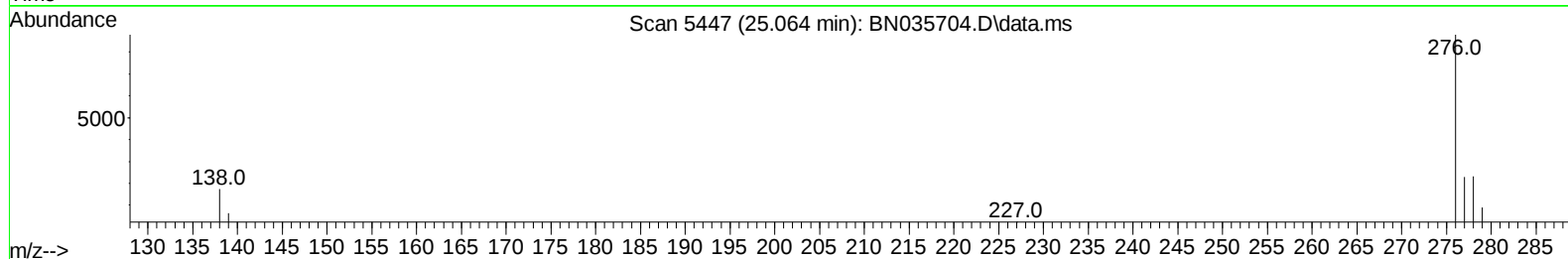
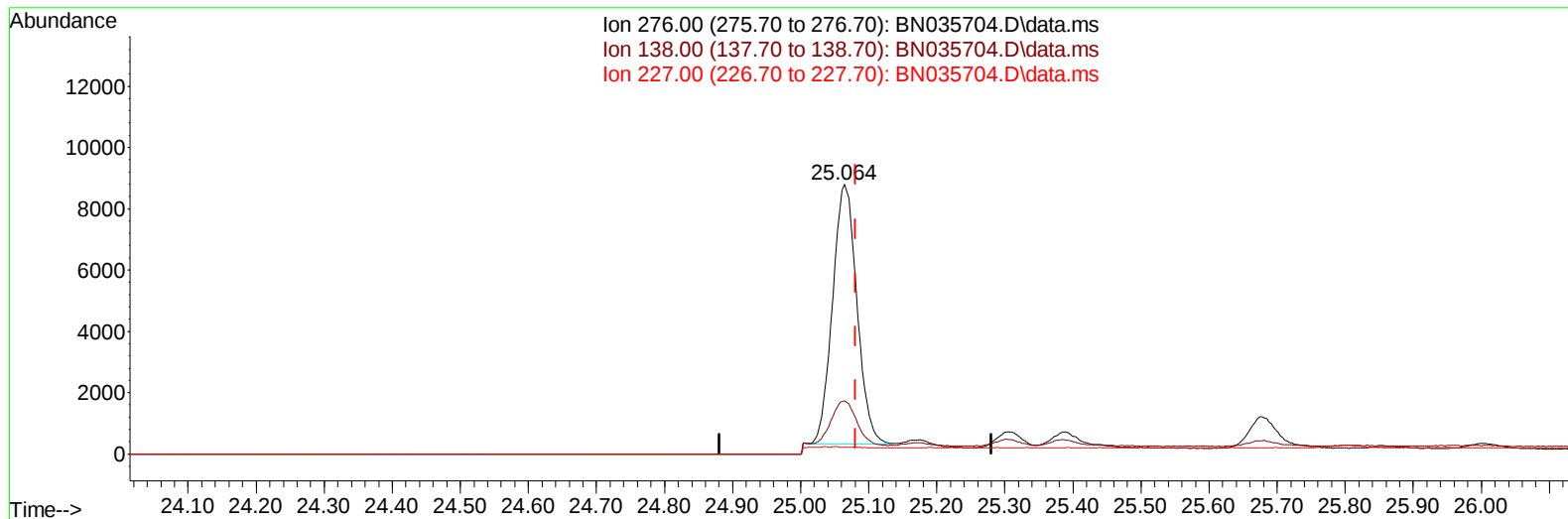
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035704.D
Acq On : 19 Dec 2024 13:53
Operator : RC/JU
Sample : P5258-08DL 5X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28X2DL

Manual IntegrationsAPPROVED

Quant Time: Dec 19 14:28:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
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QLast Update : Mon Dec 16 16:26:08 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/21/2024
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TIC: BN035704.D\data.ms

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

25.064min (-0.017) 0.49 ng/ul m

response 21101

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.40	27.87#
227.00	27.00	0.00#
0.00	0.00	0.00

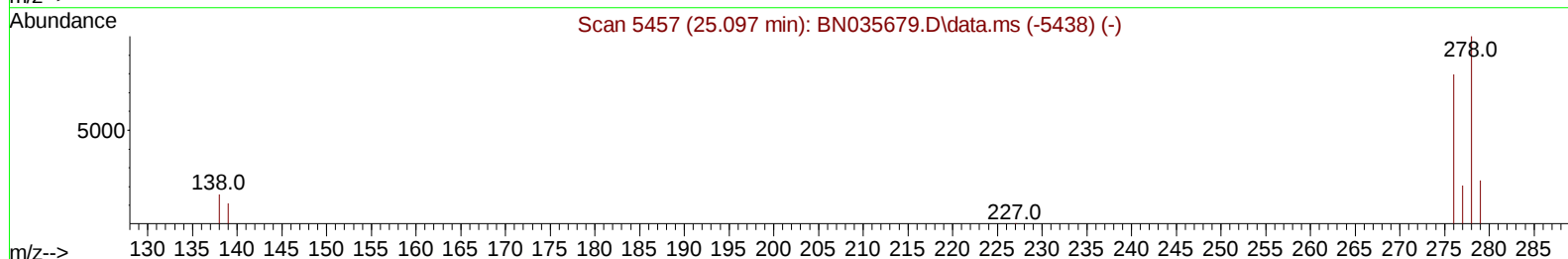
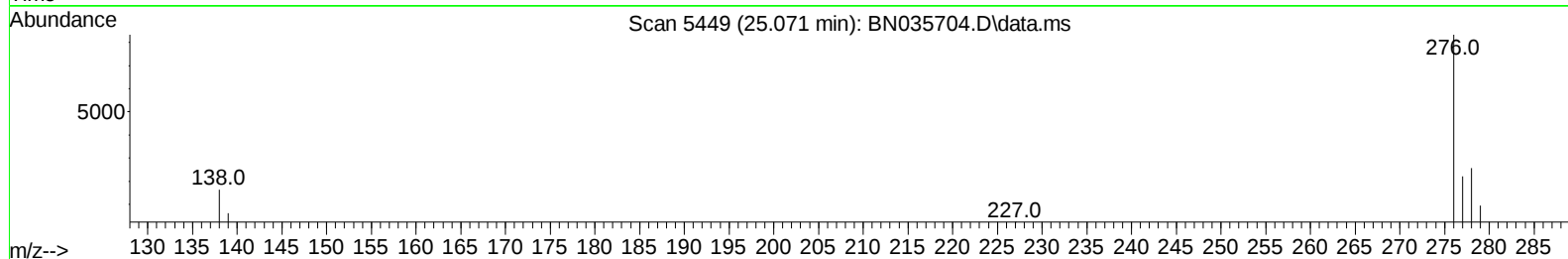
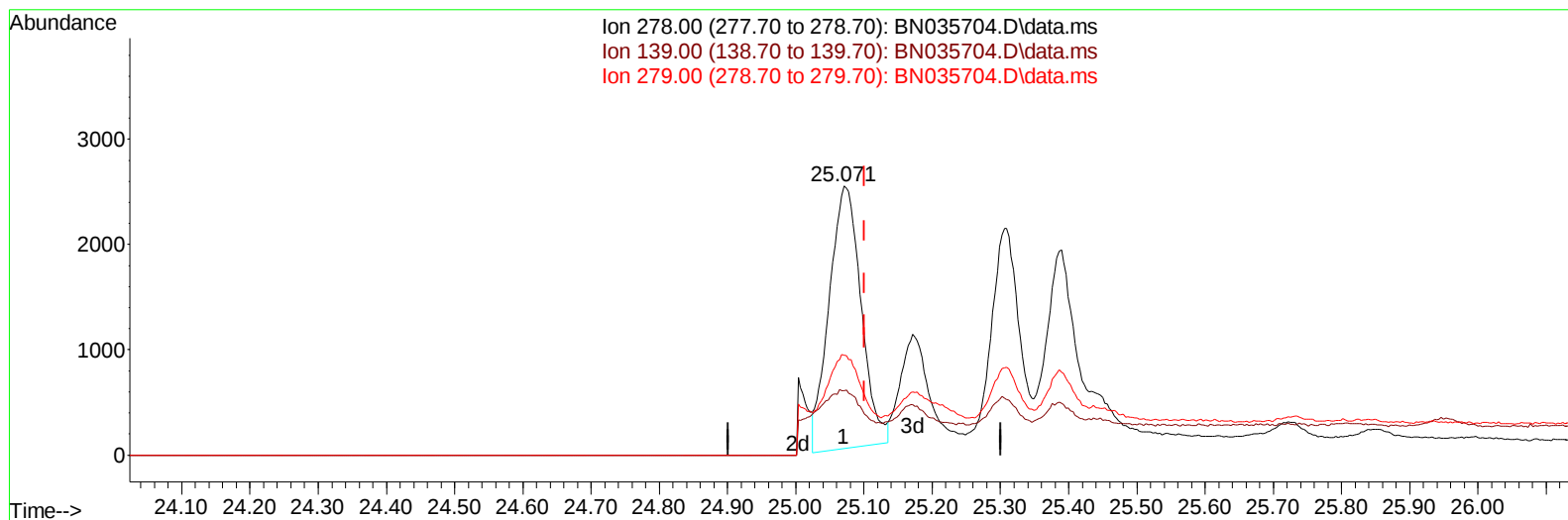
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035704.D
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ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN035704.D\data.ms

(28) Dibenzo(a,h)anthracene

25.071min (-0.030) 0.25 ng/u1

response 8142

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	24.80	23.95
279.00	30.00	37.18#
0.00	0.00	0.00

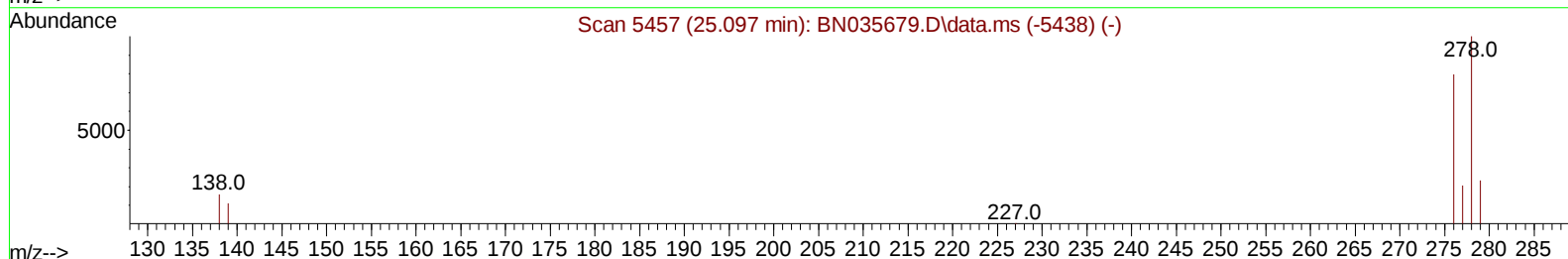
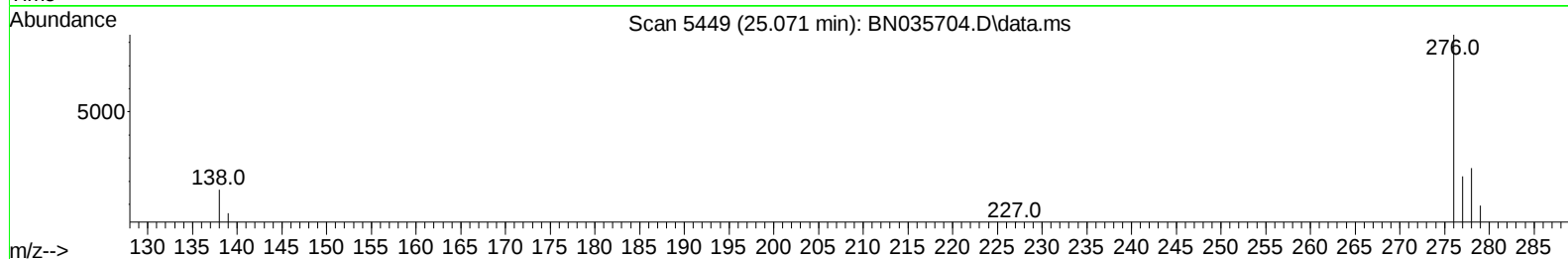
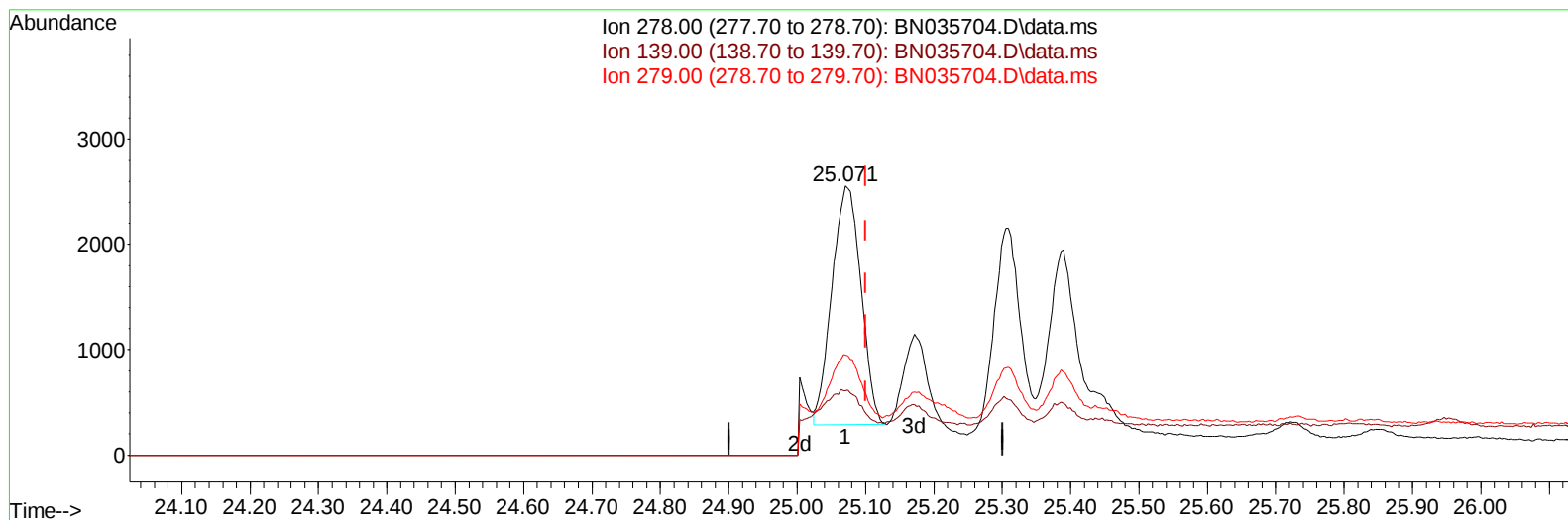
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035704.D
Acq On : 19 Dec 2024 13:53
Operator : RC/JU
Sample : P5258-08DL 5X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28X2DL

Manual IntegrationsAPPROVED

Quant Time: Dec 19 14:28:40 2024
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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: BN035704.D\data.ms

(28) Dibenzo(a,h)anthracene

25.071min (-0.030) 0.21 ng/ul m

response 6683

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	24.80	23.95
279.00	30.00	37.18#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
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 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28X2DL

Manual IntegrationsAPPROVED

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

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:26:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.276	152	3208	0.400	ng/ul	0.00
4) Naphthalene-d8	10.020	136	8534	0.400	ng/ul	-0.01
9) Acenaphthene-d10	13.935	164	6265	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.705	188	13199	0.400	ng/ul	-0.01
17) Chrysene-d12	20.956	240	12268	0.400	ng/ul	0.00
23) Perylene-d12	23.039	264	12282m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	3074	1.081	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.626	152	706	0.058	ng/ul	-0.01
18) Fluoranthene-d10	18.758	212	1424	0.040	ng/ul	0.00
Target Compounds				Qvalue		
5) Naphthalene	10.069	128	786m	0.038	ng/ul	
7) 2-Methylnaphthalene	11.703	142	559	0.040	ng/ul	100
8) 1-Methylnaphthalene	11.923	142	455	0.031	ng/ul	95
10) Acenaphthylene	13.648	152	1903	0.078	ng/ul#	92
11) Acenaphthene	14.000	153	1741	0.095	ng/ul	97
12) Fluorene	15.004	166	1904	0.089	ng/ul#	98
15) Phenanthrene	16.747	178	42023	1.272	ng/ul	98
16) Anthracene	16.840	178	9557	0.309	ng/ul	99
19) Fluoranthene	18.791	202	103829	2.366	ng/ul	100
20) Pyrene	19.158	202	75956	1.571	ng/ul	99
21) Benzo(a)anthracene	20.938	228	49132	1.207	ng/ul	99
22) Chrysene	20.991	228	46544	1.102	ng/ul	98
24) Benzo(b)fluoranthene	22.434	252	61746m	1.706	ng/ul	
25) Benzo(k)fluoranthene	22.469	252	22923m	0.573	ng/ul	
26) Benzo(a)pyrene	22.948	252	25063	0.715	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.064	276	21101m	0.494	ng/ul	
28) Dibenzo(a,h)anthracene	25.071	278	6683m	0.205	ng/ul	
29) Benzo(g,h,i)perylene	25.678	276	3144	0.092	ng/ul#	80

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035704.D
Acq On : 19 Dec 2024 13:53
Operator : RC/JU
Sample : P5258-08DL 5X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28X2DL

Manual IntegrationsAPPROVED

Quant Time: Dec 19 14:28:40 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

