

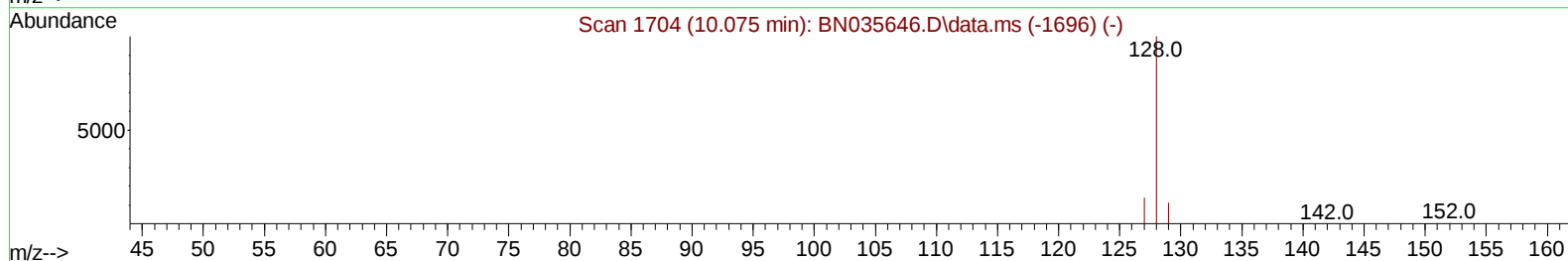
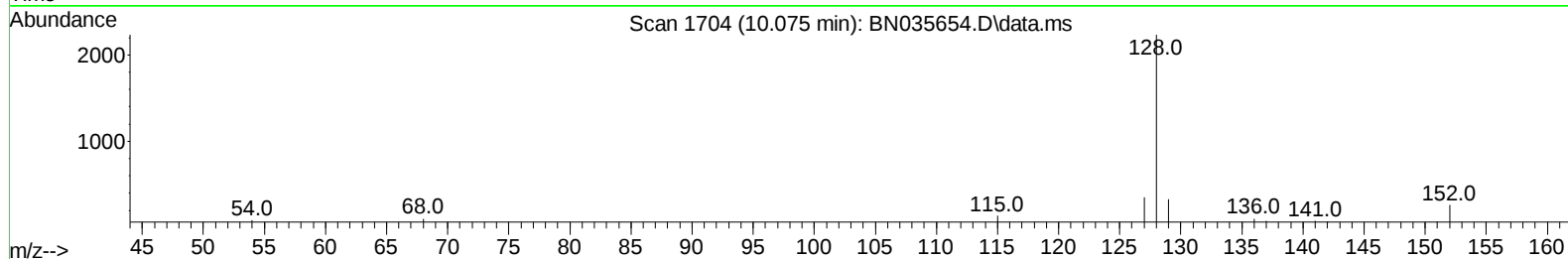
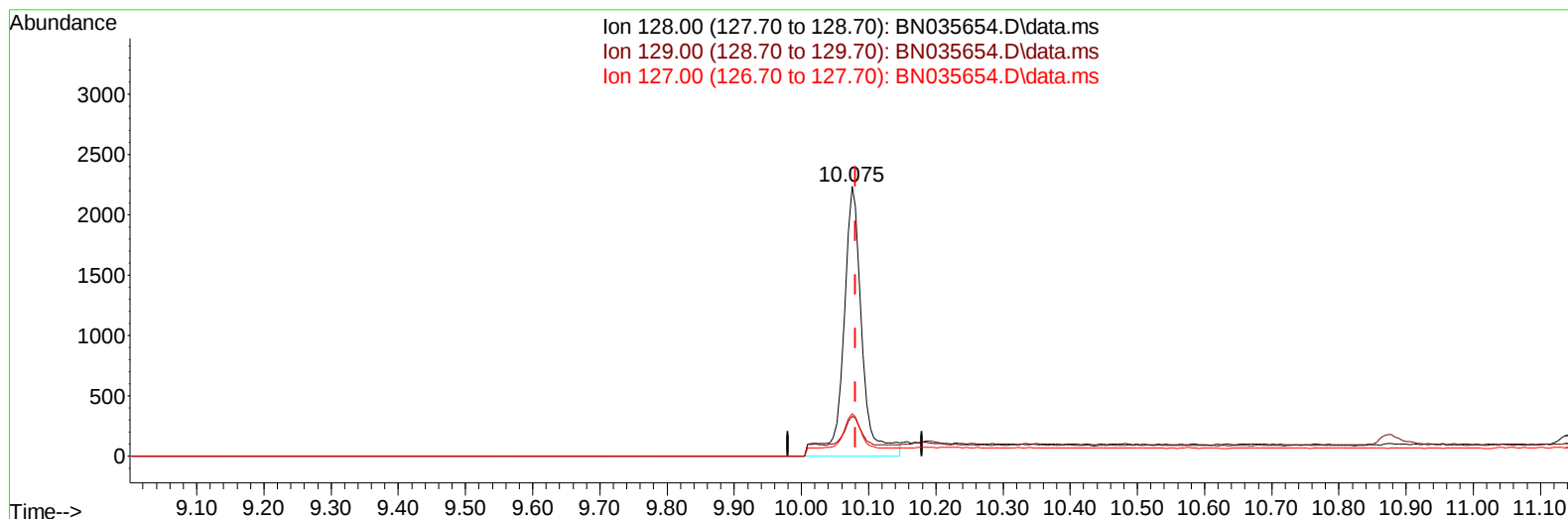
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035654.D
Acq On : 17 Dec 2024 14:48
Operator : RC/JU
Sample : P5232-08DL 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28S2DL

Manual IntegrationsAPPROVED

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

Quant Time: Dec 17 16:02:32 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: BN035654.D\data.ms

(5) Naphthalene

10.075min (-0.005) 0.20 ng/u1

response 4221

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	13.50	14.78
127.00	15.00	15.72
0.00	0.00	0.00

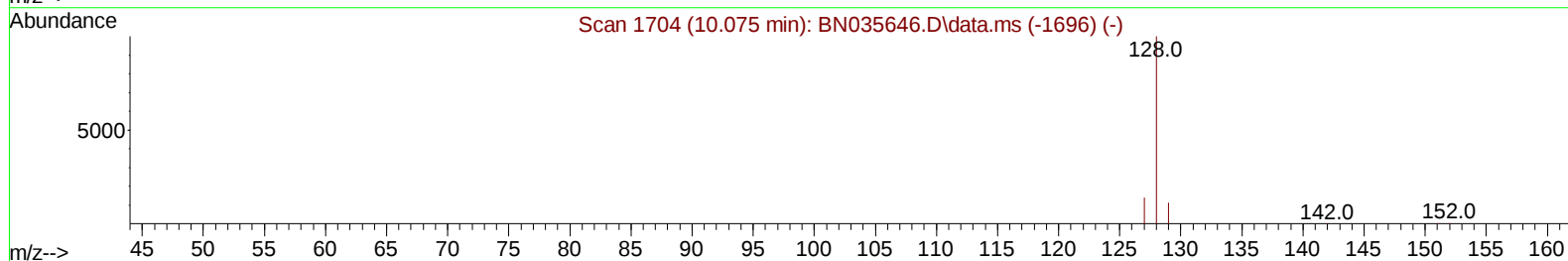
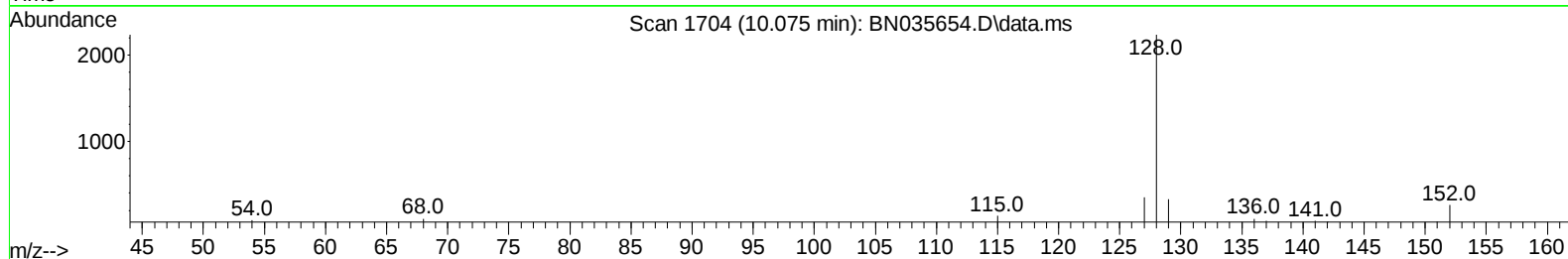
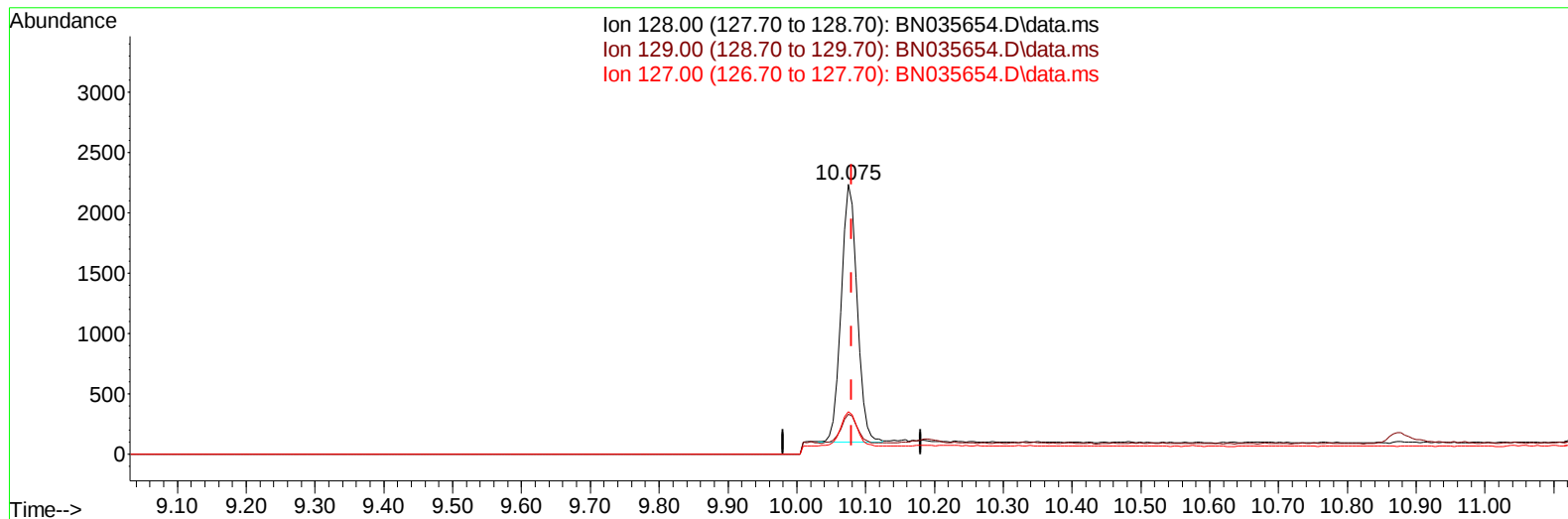
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
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Acq On : 17 Dec 2024 14:48
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Sample : P5232-08DL 5X
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Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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



TIC: BN035654.D\data.ms

(5) Naphthalene

10.075min (-0.005) 0.16 ng/ul m

response 3427

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	13.50	14.78
127.00	15.00	15.72
0.00	0.00	0.00

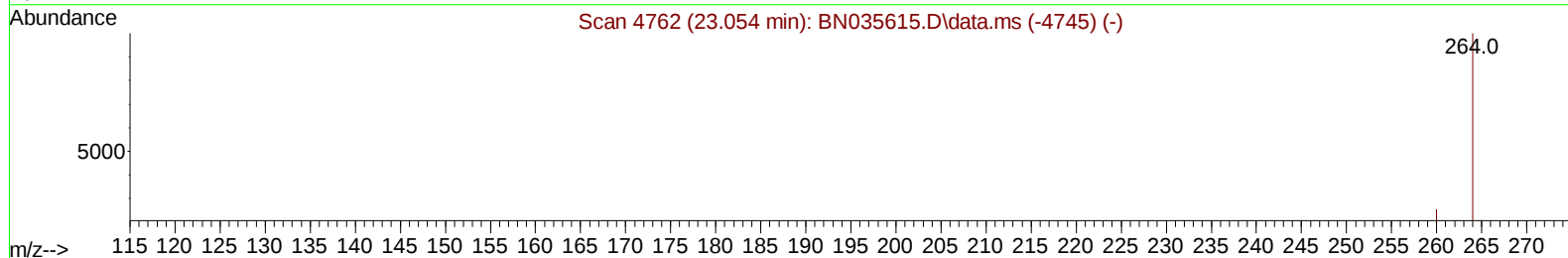
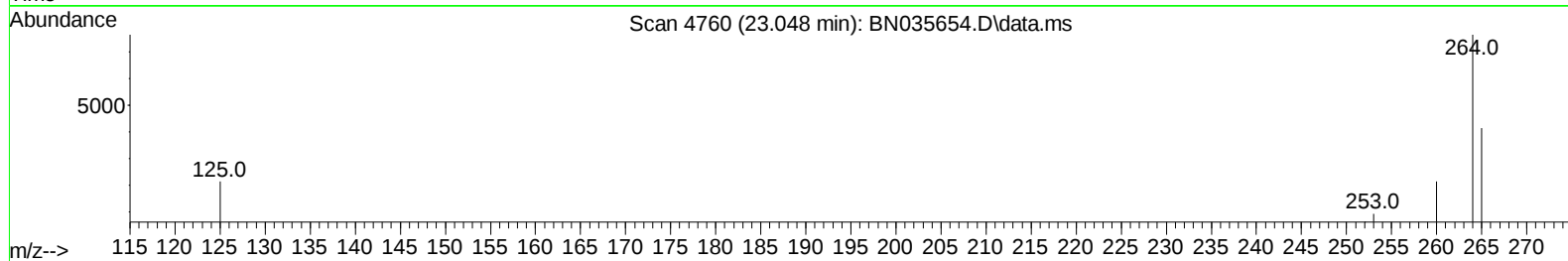
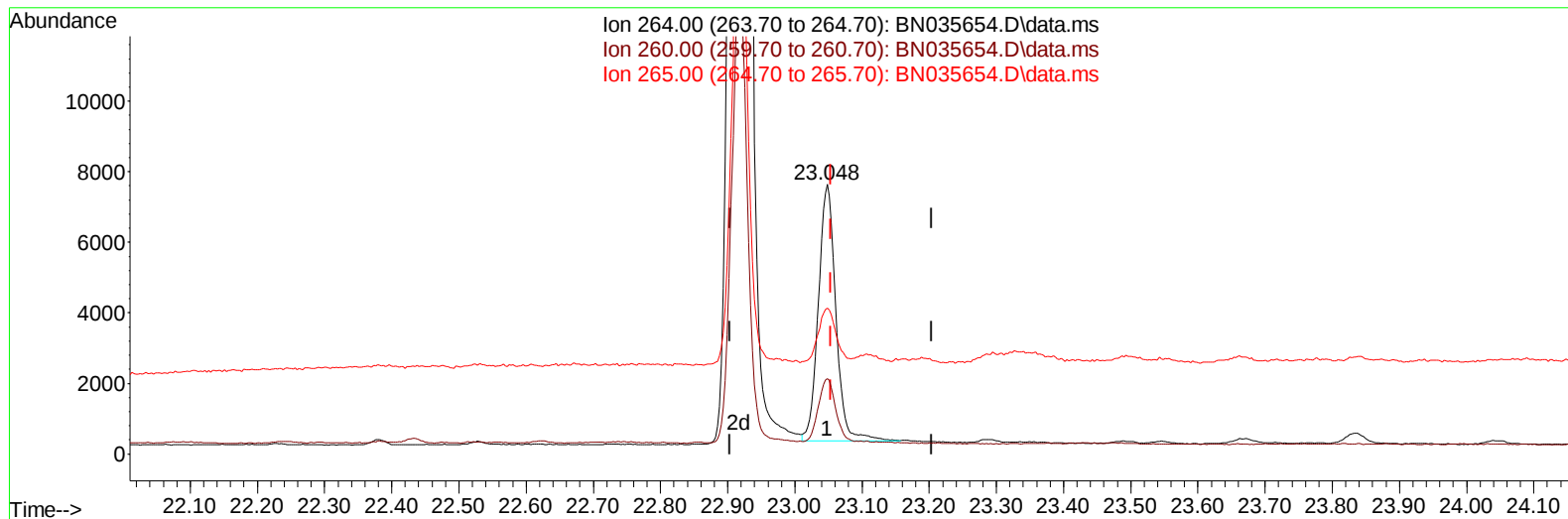
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035654.D
Acq On : 17 Dec 2024 14:48
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Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN035654.D\data.ms

(23) Perylene-d12 (I)

23.048min (-0.005) 0.40 ng/u1

response 13124

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.40	28.02
265.00	62.10	54.19
0.00	0.00	0.00

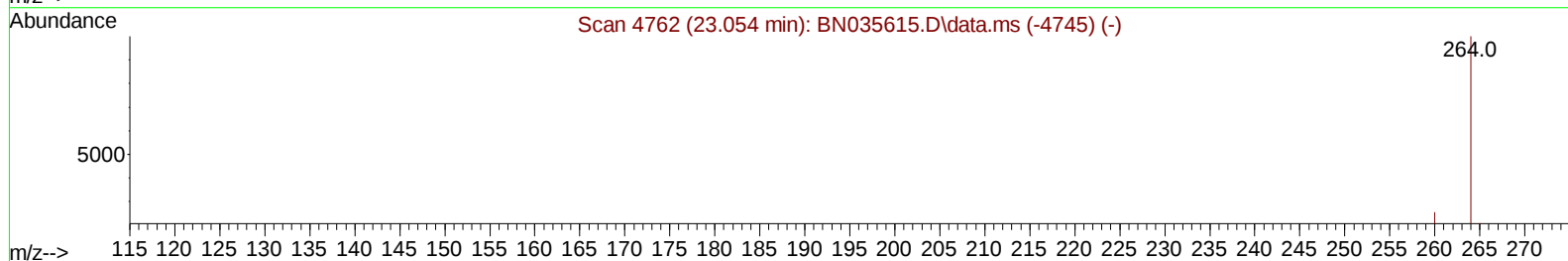
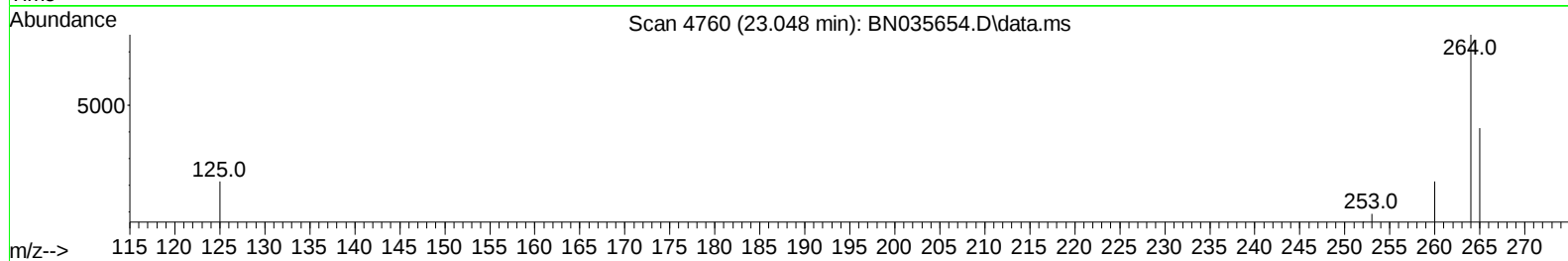
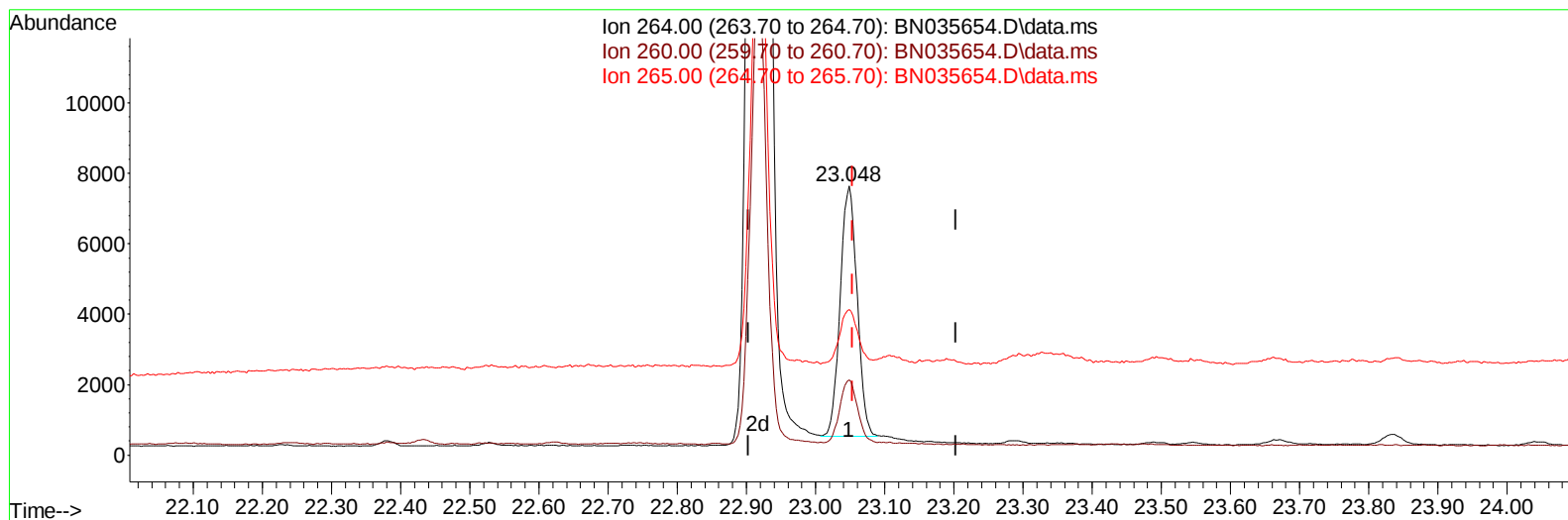
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035654.D
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Sample : P5232-08DL 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28S2DL

Manual IntegrationsAPPROVED

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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 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



TIC: BN035654.D\data.ms

(23) Perylene-d12 (I)

23.048min (-0.005) 0.40 ng/ul m

response 12084

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.40	28.02
265.00	62.10	54.19
0.00	0.00	0.00

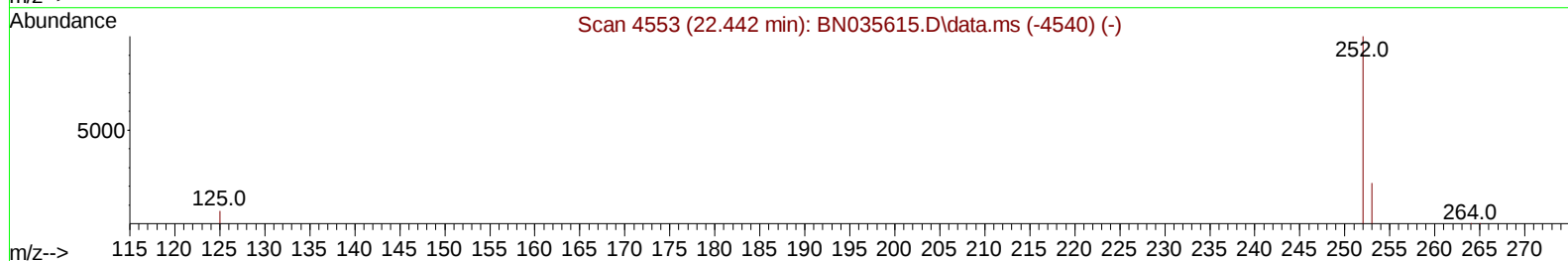
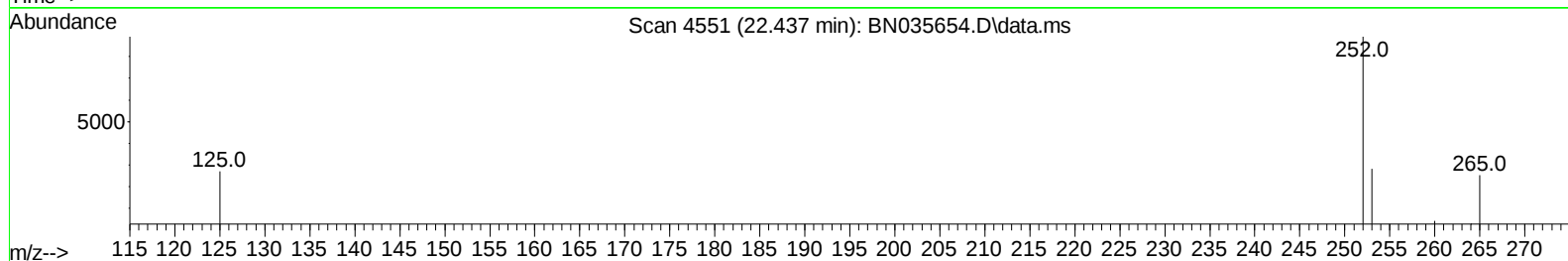
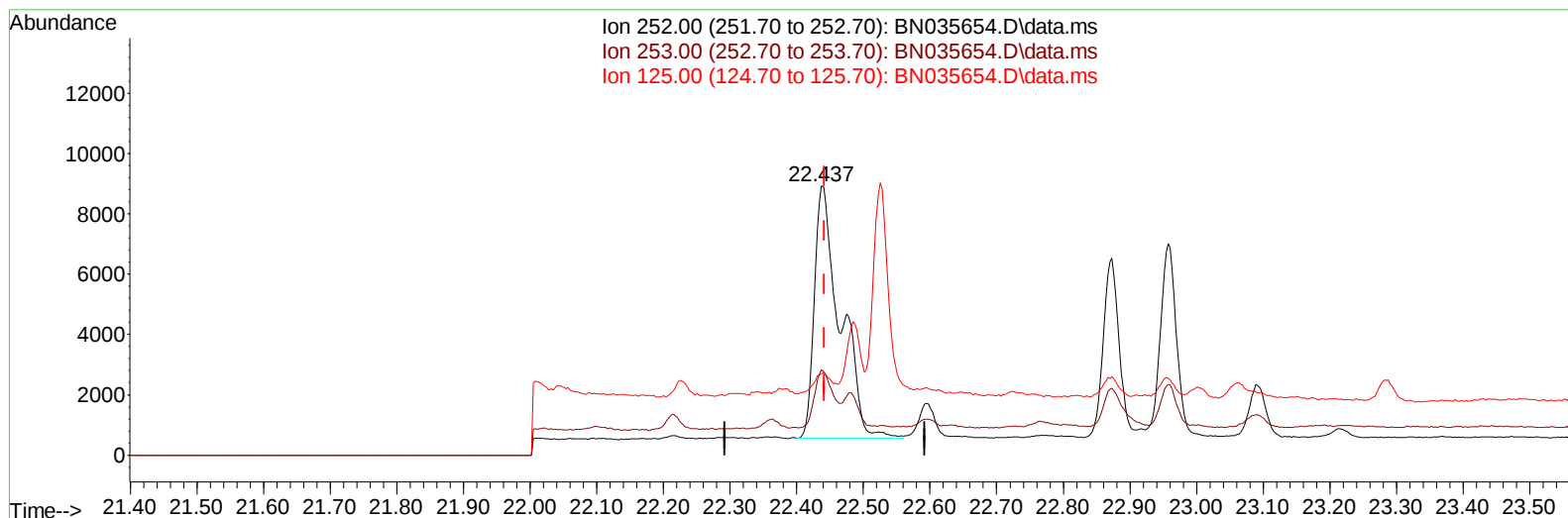
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035654.D
Acq On : 17 Dec 2024 14:48
Operator : RC/JU
Sample : P5232-08DL 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28S2DL

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 12/21/2024



TIC: BN035654.D\data.ms

(24) Benzo(b)fluoranthene

22.437min (-0.005) 0.63 ng/u1

response 22409

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	31.71
125.00	18.80	30.27
0.00	0.00	0.00

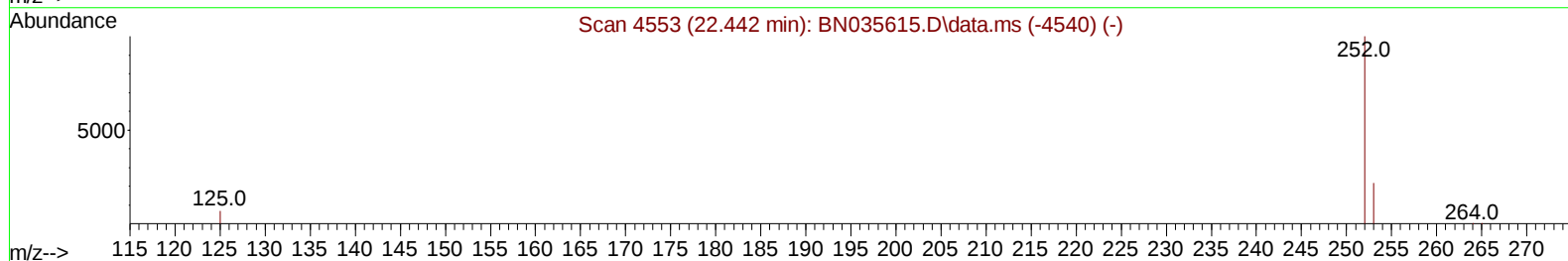
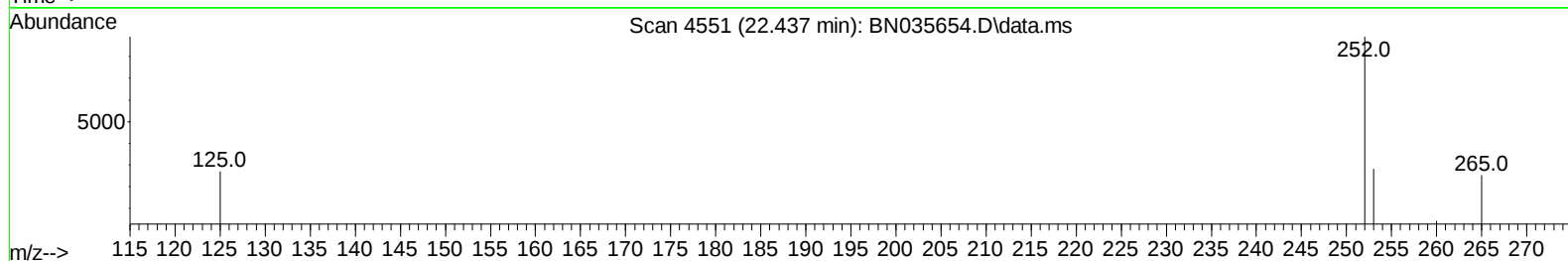
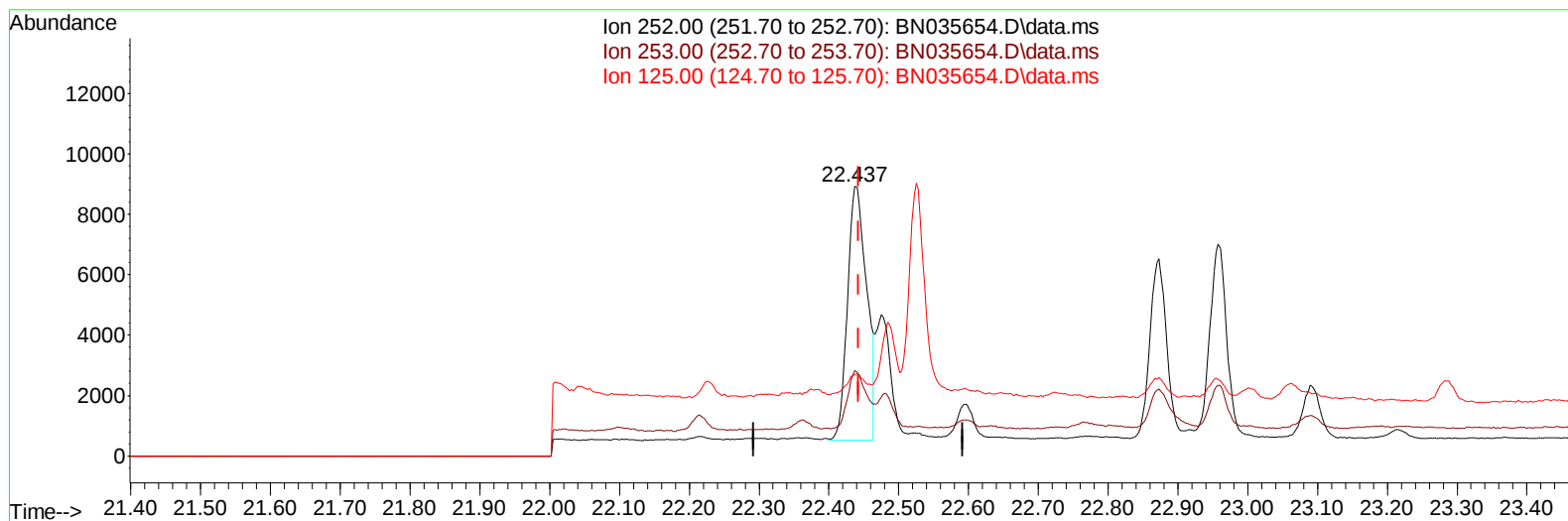
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035654.D
Acq On : 17 Dec 2024 14:48
Operator : RC/JU
Sample : P5232-08DL 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28S2DL

Manual IntegrationsAPPROVED

Quant Time: Dec 17 16:02:32 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: BN035654.D\data.ms

(24) Benzo(b)fluoranthene

22.437min (-0.005) 0.45 ng/u1 m

response 16054

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	31.71
125.00	18.80	30.27
0.00	0.00	0.00

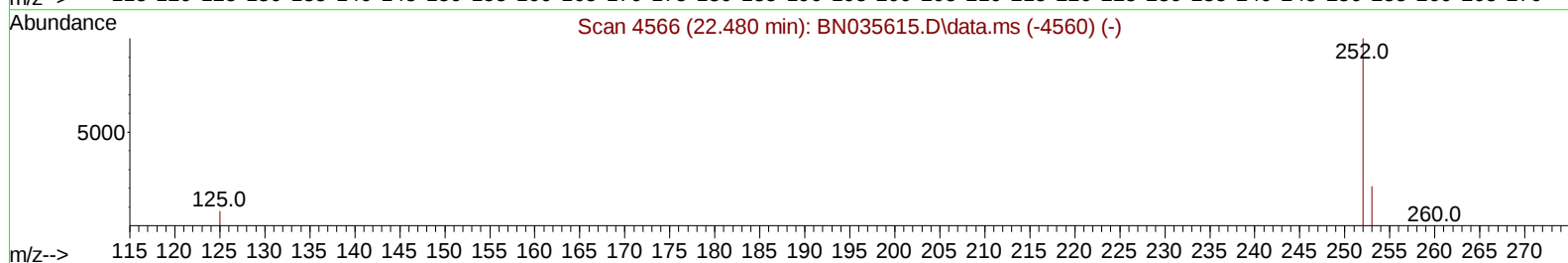
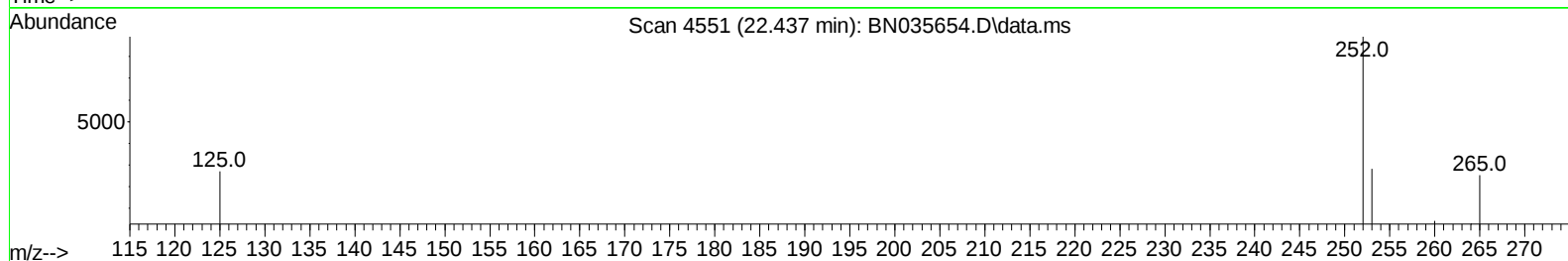
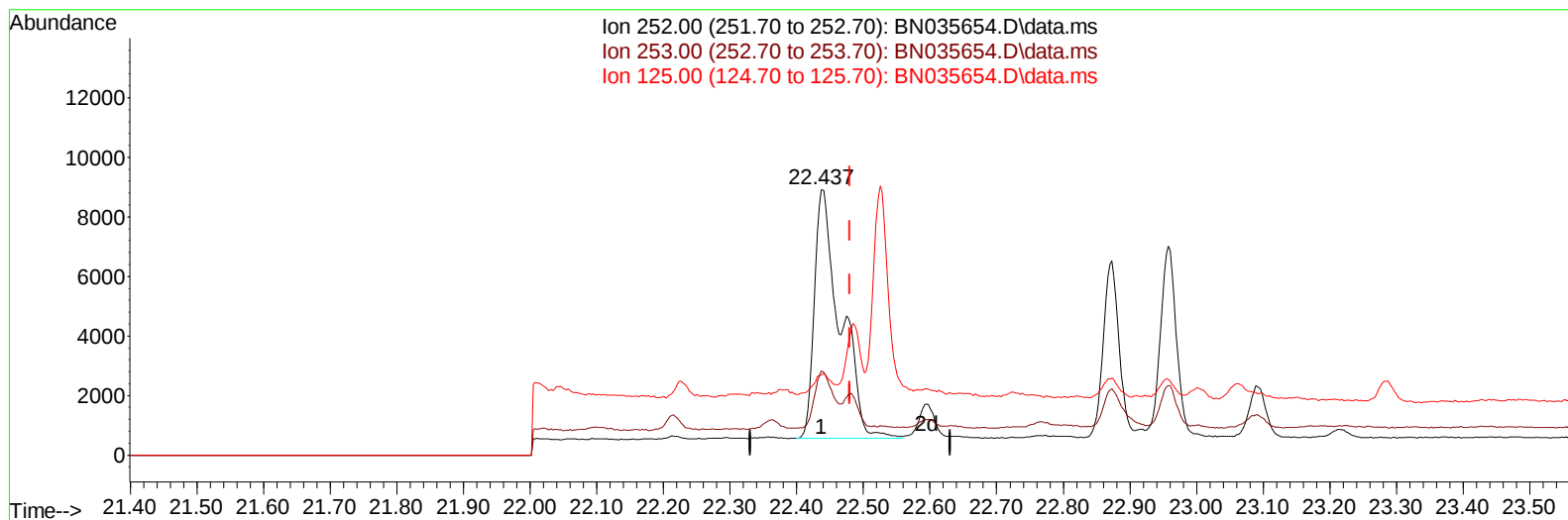
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Data File : BN035654.D
Acq On : 17 Dec 2024 14:48
Operator : RC/JU
Sample : P5232-08DL 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28S2DL

Manual IntegrationsAPPROVED

Quant Time: Dec 17 16:02:32 2024
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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: BN035654.D\data.ms

(25) Benzo(k)fluoranthene

22.437min (-0.043) 0.57 ng/u1

response 22409

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.60	31.71
125.00	19.10	30.27#
0.00	0.00	0.00

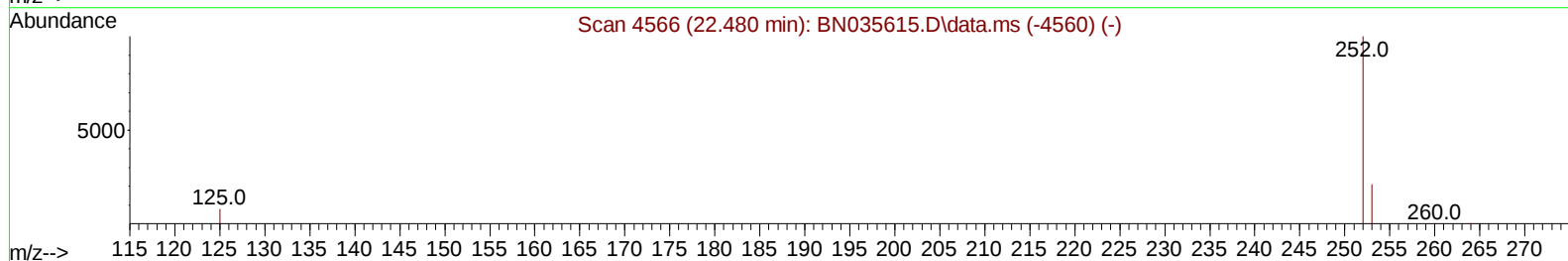
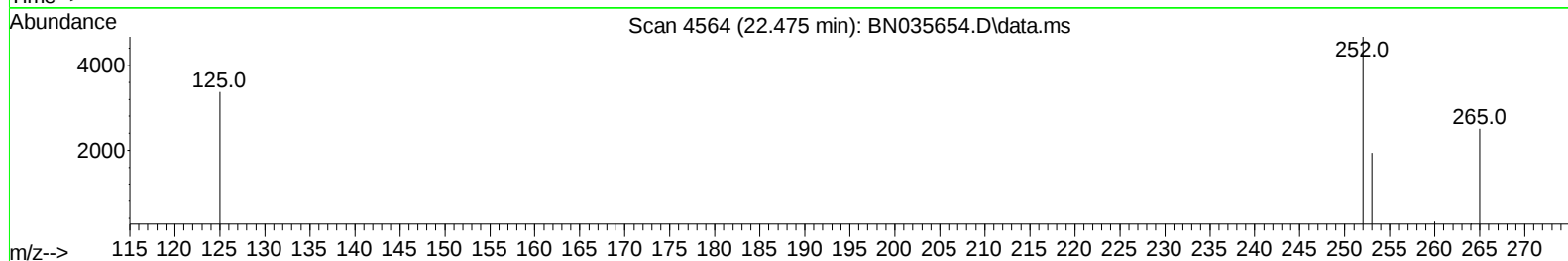
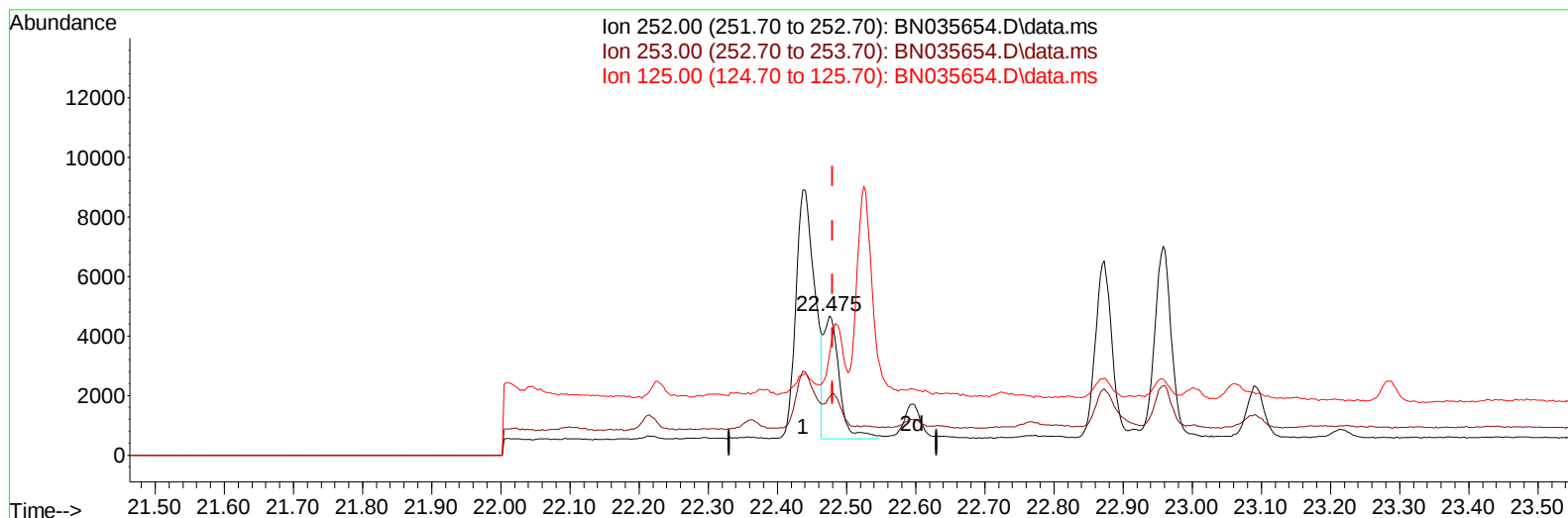
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Data File : BN035654.D
Acq On : 17 Dec 2024 14:48
Operator : RC/JU
Sample : P5232-08DL 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28S2DL

Manual IntegrationsAPPROVED

Quant Time: Dec 17 16:02:32 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: BN035654.D\data.ms

(25) Benzo(k)fluoranthene

22.475min (-0.005) 0.16 ng/u1 m

response 6427

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.60	41.62#
125.00	19.10	72.16#
0.00	0.00	0.00

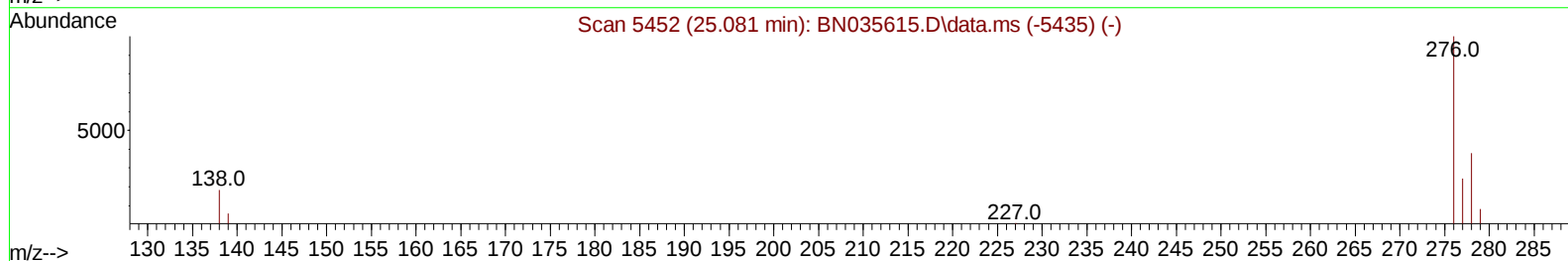
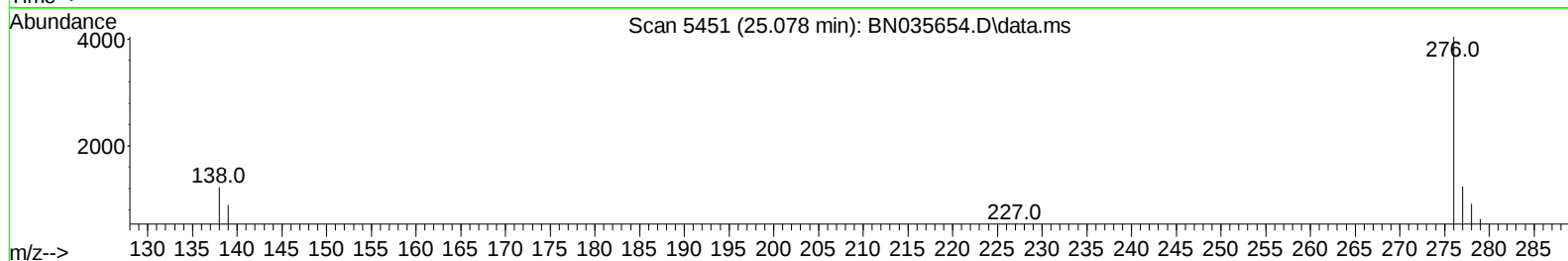
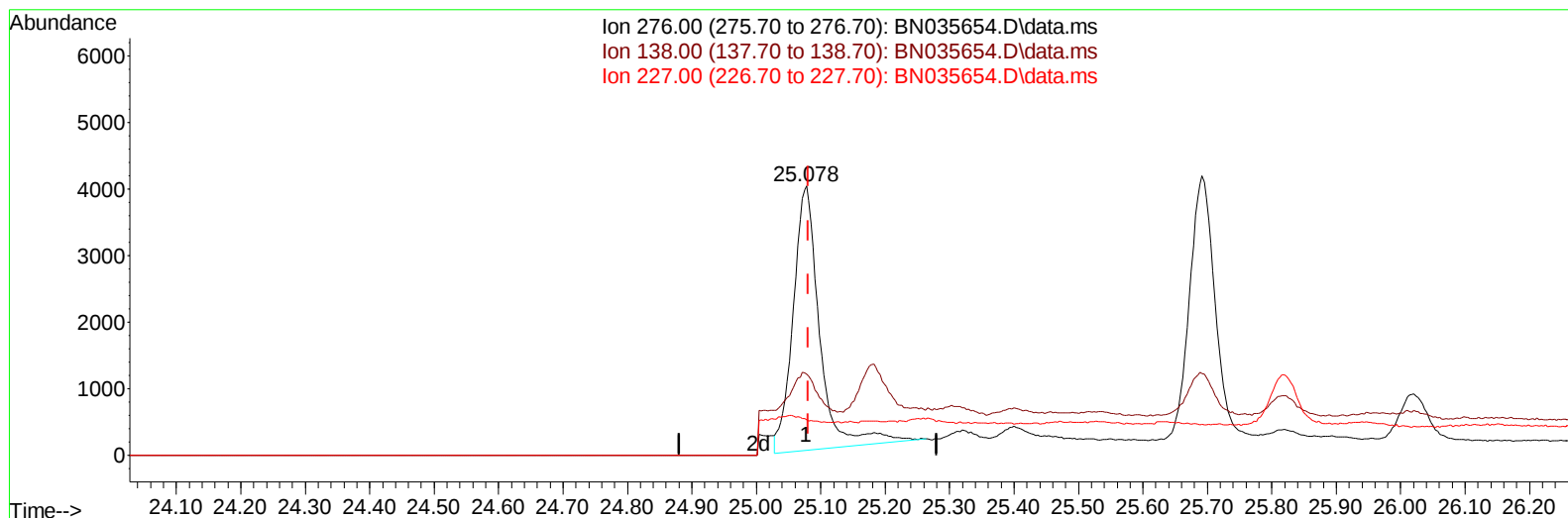
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035654.D
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Sample : P5232-08DL 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BN035654.D\data.ms

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

25.078min (-0.003) 0.27 ng/u1

response 11381

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.40	66.00#
227.00	27.00	0.00#
0.00	0.00	0.00

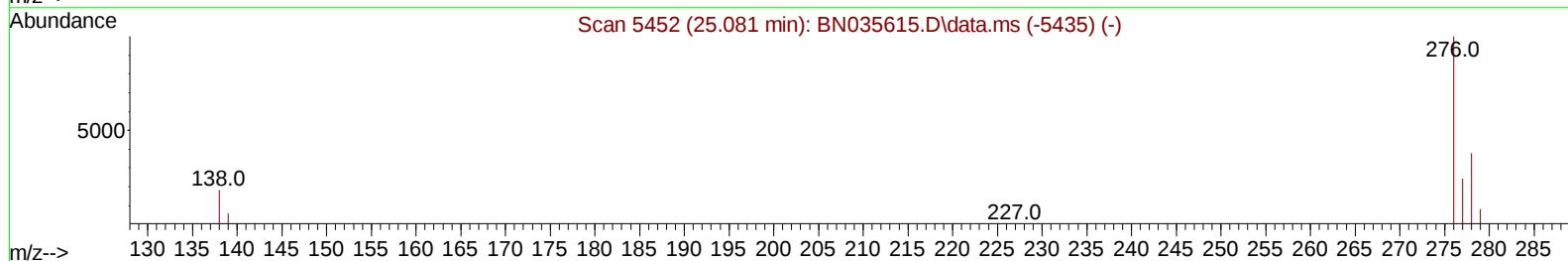
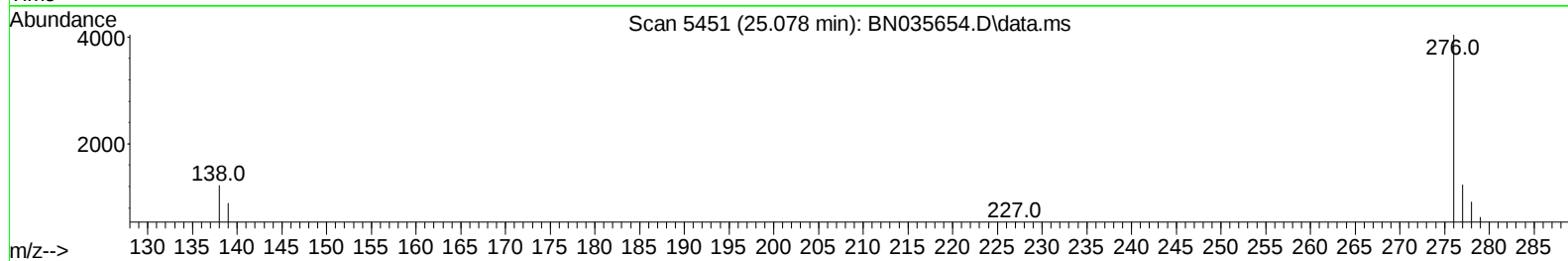
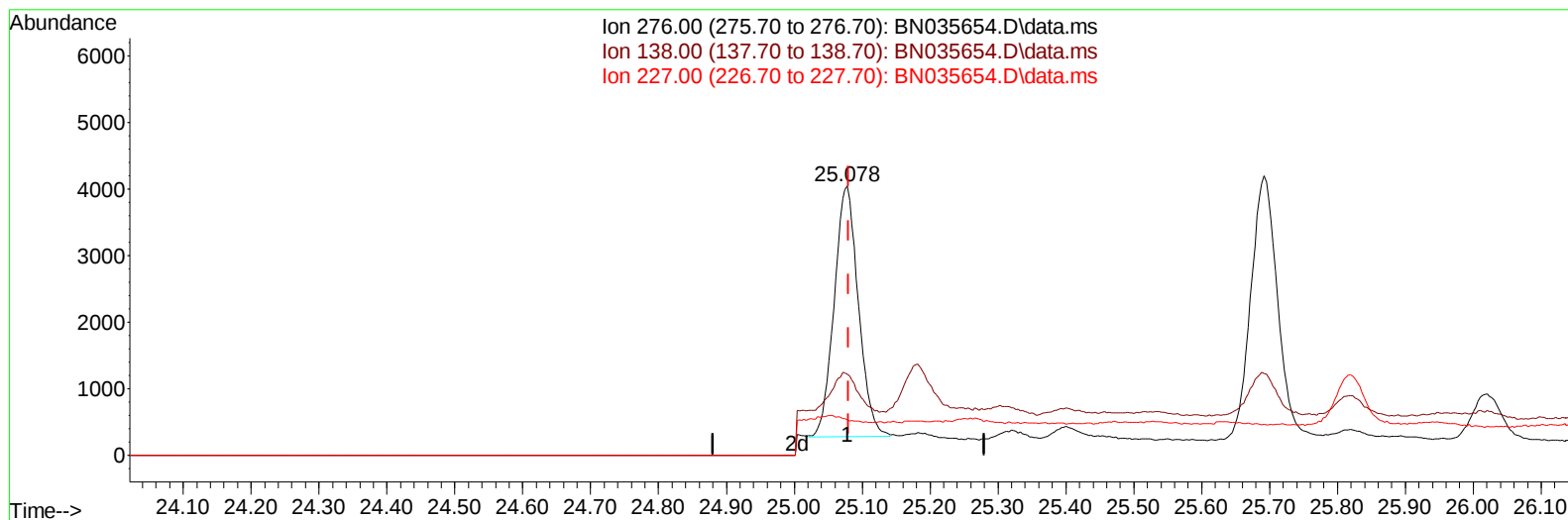
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ALS Vial : 44 Sample Multiplier: 1

Instrument :
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TIC: BN035654.D\data.ms

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

25.078min (-0.003) 0.22 ng/ul m

response 9312

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.40	80.67#
227.00	27.00	0.00#
0.00	0.00	0.00

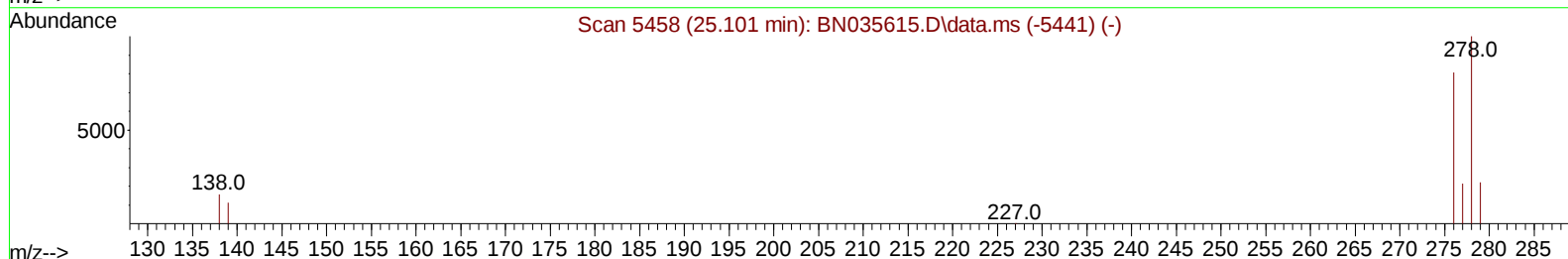
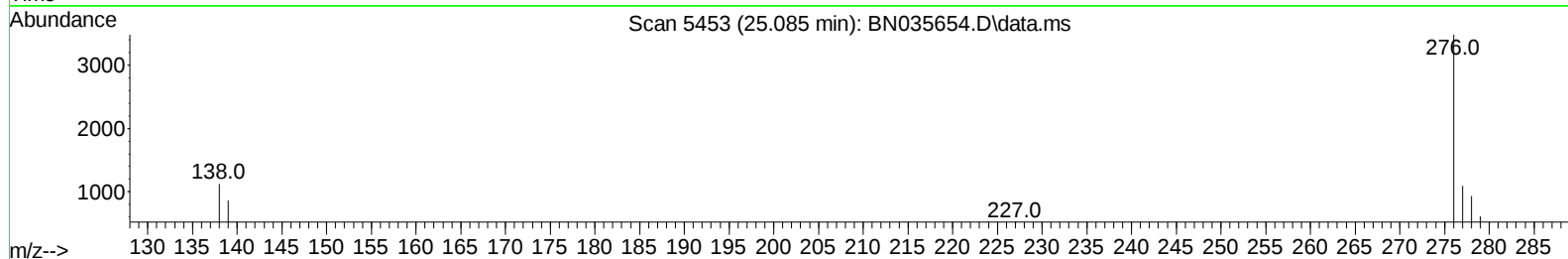
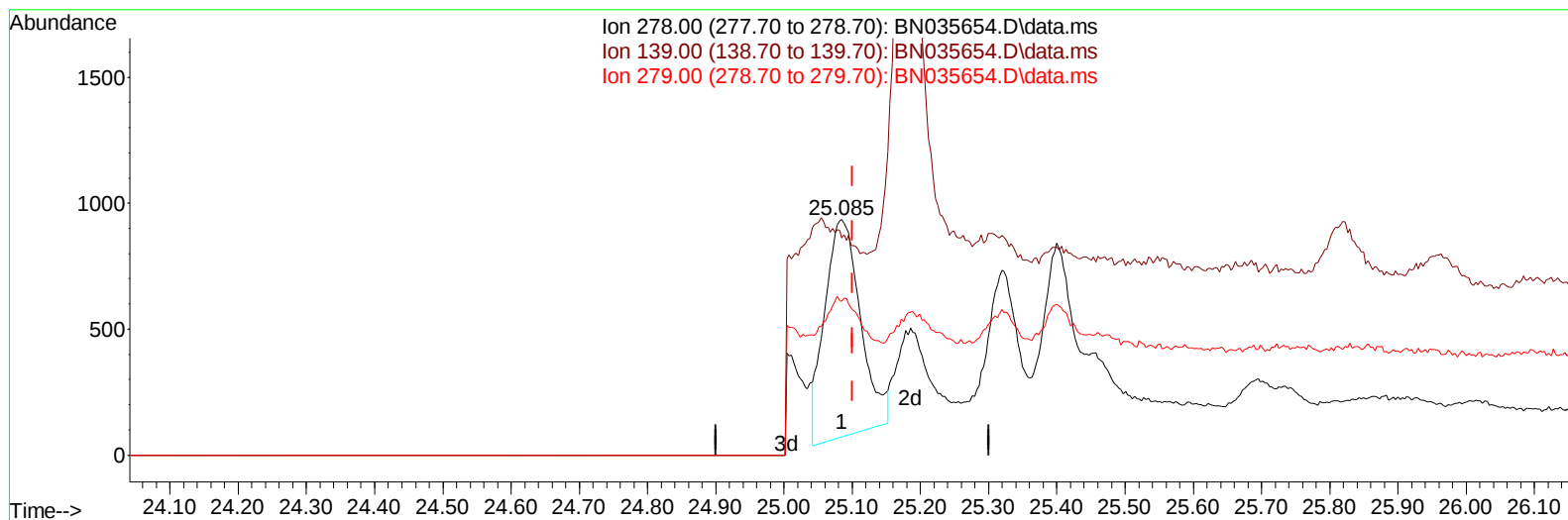
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TIC: BN035654.D\data.ms

(28) Dibenzo(a,h)anthracene

25.085min (-0.016) 0.10 ng/u1

response 3157

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	24.80	92.19#
279.00	30.00	65.24#
0.00	0.00	0.00

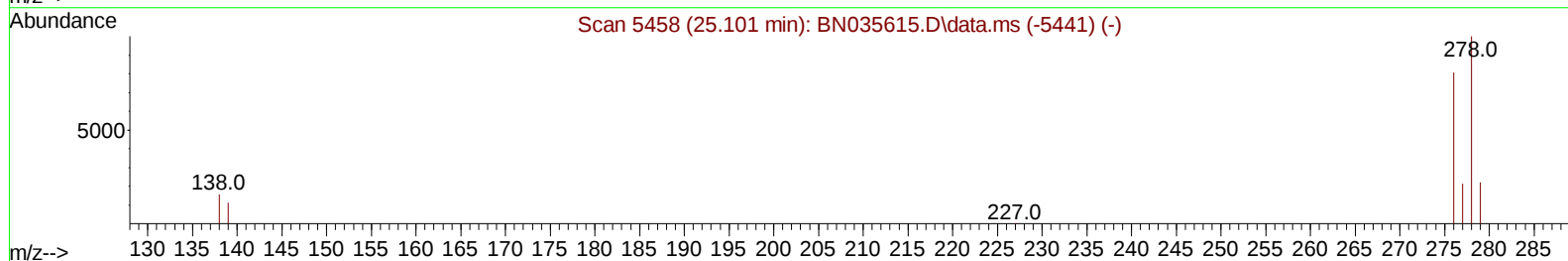
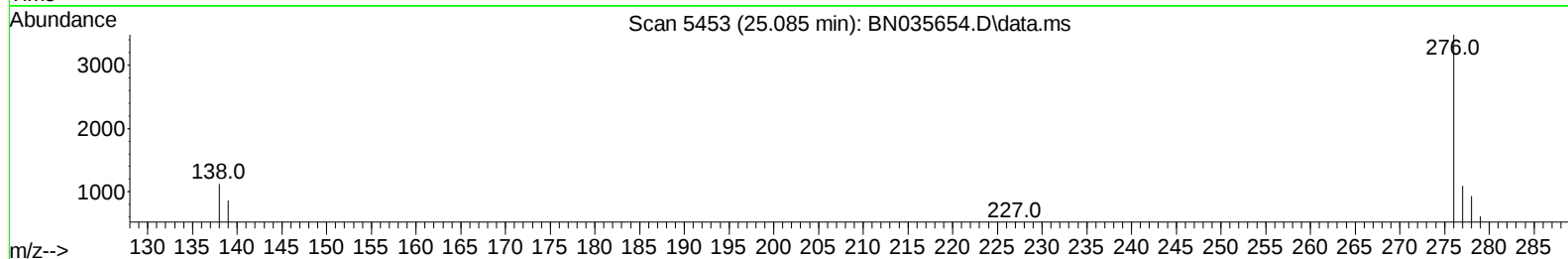
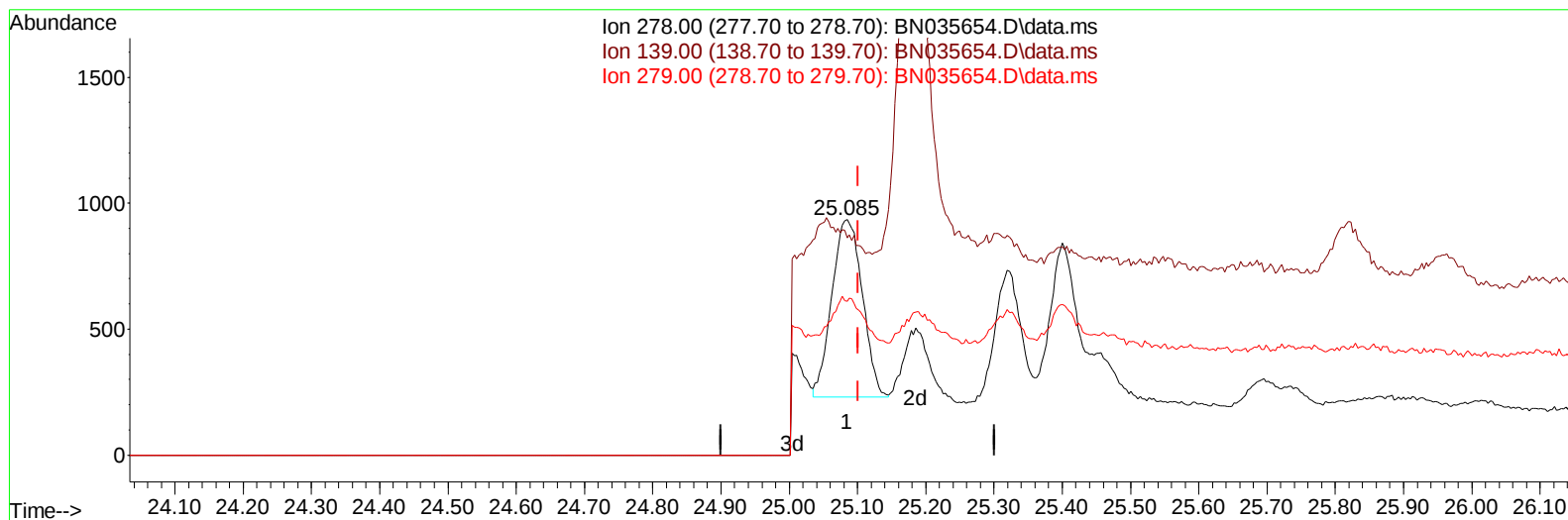
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Data File : BN035654.D
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Operator : RC/JU
Sample : P5232-08DL 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Dec 17 16:02:32 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 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



TIC: BN035654.D\data.ms

(28) Dibenzo(a,h)anthracene

25.085min (-0.016) 0.07 ng/ul m

response 2182

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	24.80	92.19#
279.00	30.00	65.24#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
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 Sample : P5232-08DL 5X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28S2DL

Manual IntegrationsAPPROVED

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

Quant Time: Dec 17 16:02:32 2024
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 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	7.284	152	2830	0.400	ng/ul	0.00
4) Naphthalene-d8	10.026	136	8559	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.944	164	6025	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.713	188	13105	0.400	ng/ul	0.00
17) Chrysene-d12	20.962	240	11249	0.400	ng/ul	0.00
23) Perylene-d12	23.048	264	12084m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	1657	0.660	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.631	152	579	0.047	ng/ul	0.00
18) Fluoranthene-d10	18.768	212	1459	0.044	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.075	128	3427m	0.163	ng/ul	
7) 2-Methylnaphthalene	11.708	142	1662	0.118	ng/ul	99
8) 1-Methylnaphthalene	11.934	142	838	0.057	ng/ul	99
10) Acenaphthylene	13.657	152	869	0.037	ng/ul#	74
12) Fluorene	15.013	166	708	0.034	ng/ul#	86
15) Phenanthrene	16.755	178	10577	0.322	ng/ul	99
16) Anthracene	16.844	178	2315	0.076	ng/ul#	86
19) Fluoranthene	18.796	202	13007	0.323	ng/ul	99
20) Pyrene	19.163	202	12666	0.286	ng/ul	97
21) Benzo(a)anthracene	20.944	228	7568	0.203	ng/ul#	89
22) Chrysene	20.997	228	10559	0.273	ng/ul#	92
24) Benzo(b)fluoranthene	22.437	252	16054m	0.451	ng/ul	
25) Benzo(k)fluoranthene	22.475	252	6427m	0.163	ng/ul	
26) Benzo(a)pyrene	22.958	252	10705	0.310	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	25.078	276	9312m	0.222	ng/ul	
28) Dibenzo(a,h)anthracene	25.085	278	2182m	0.068	ng/ul	
29) Benzo(g,h,i)perylene	25.692	276	11016	0.327	ng/ul	94

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035654.D
Acq On : 17 Dec 2024 14:48
Operator : RC/JU
Sample : P5232-08DL 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28S2DL

Manual IntegrationsAPPROVED

Quant Time: Dec 17 16:02:32 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

