

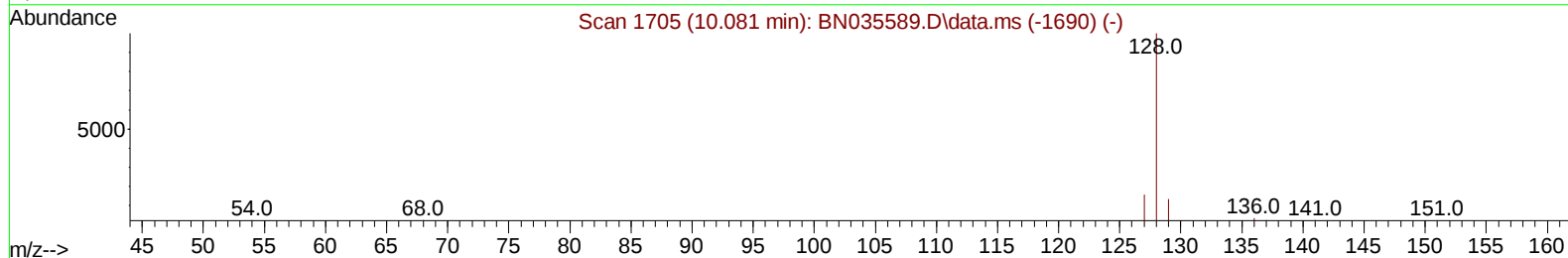
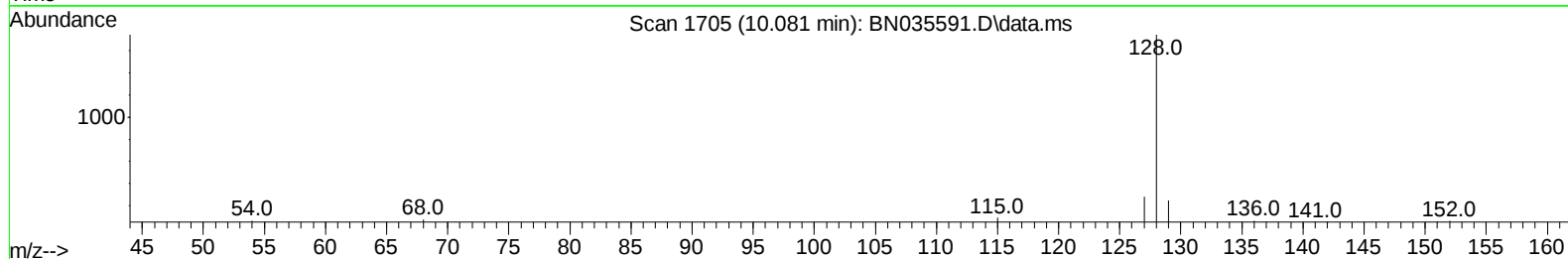
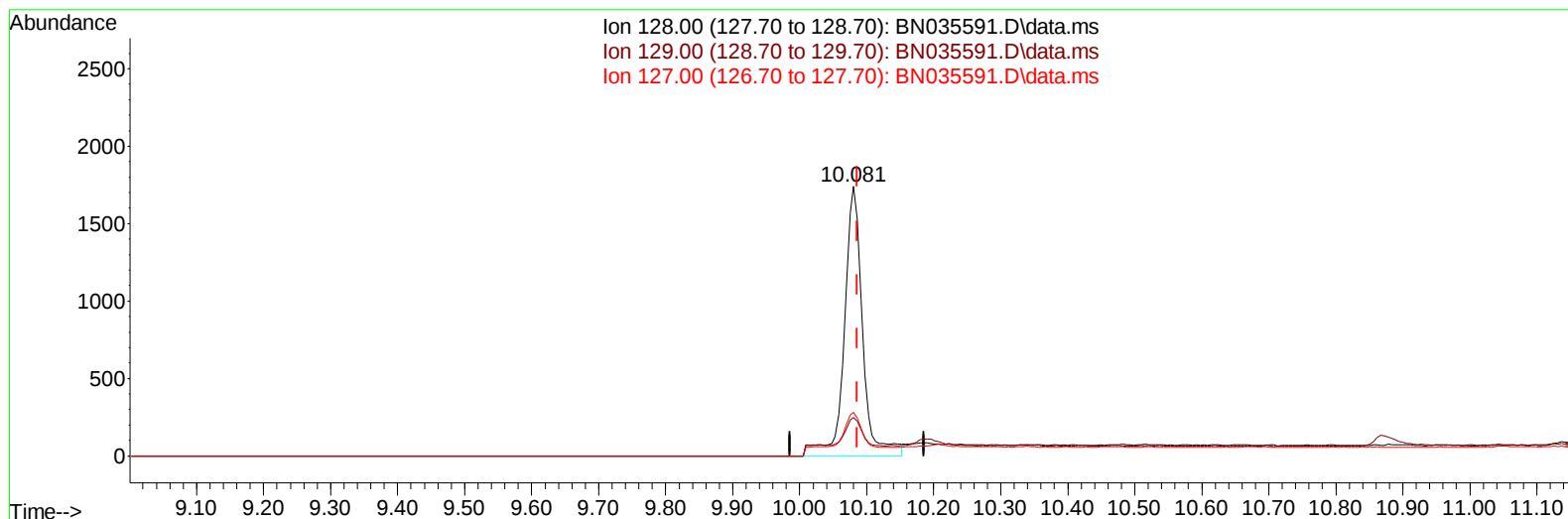
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
Data File : BN035591.D
Acq On : 13 Dec 2024 11:31
Operator : RC/JU
Sample : P5153-12DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28P9DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024

Quant Time: Dec 13 11:58:20 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



TIC: BN035591.D\data.ms

(5) Naphthalene

10.081min (-0.005) 0.22 ng/u1

response 3264

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	12.40	14.20
127.00	14.30	16.21
0.00	0.00	0.00

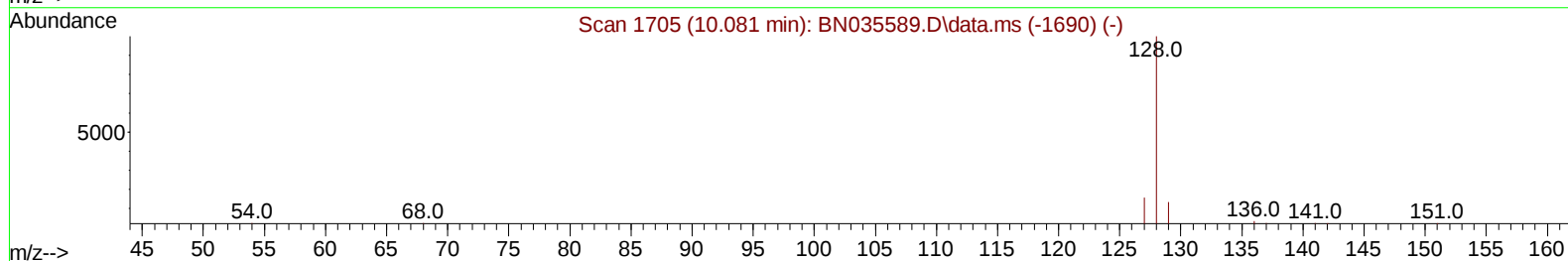
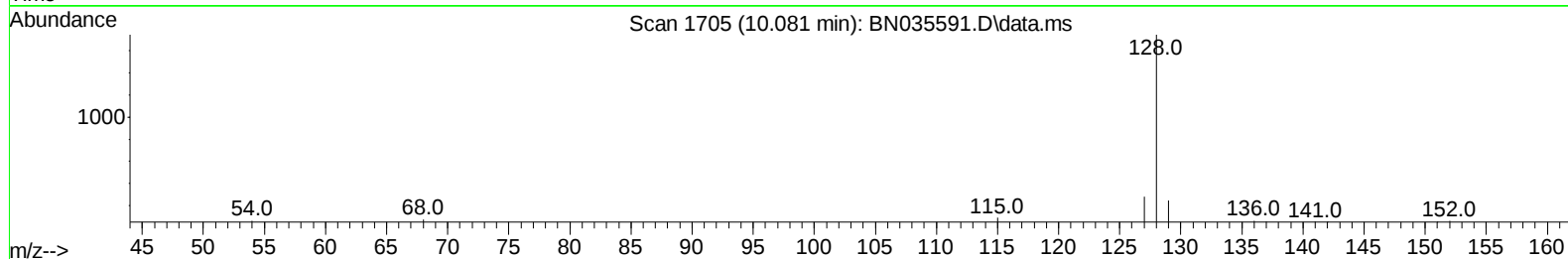
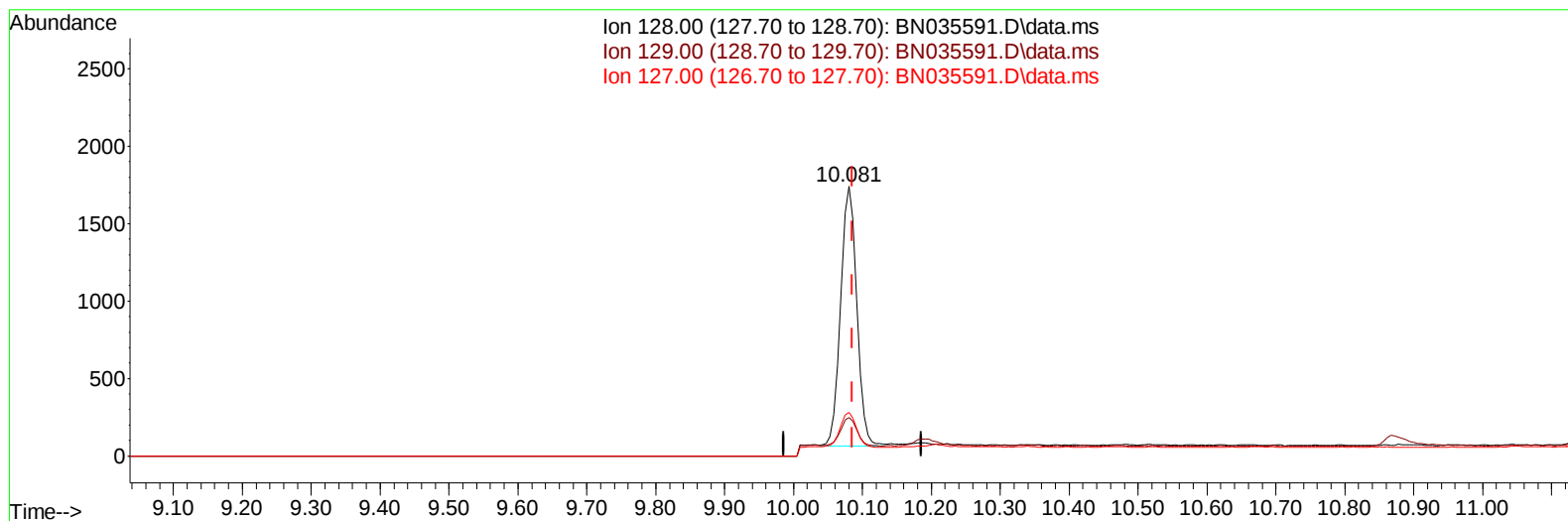
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
Data File : BN035591.D
Acq On : 13 Dec 2024 11:31
Operator : RC/JU
Sample : P5153-12DL 5X
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Instrument :
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ClientSampleId :
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Supervised By :mohammad ahmed 12/14/2024



TIC: BN035591.D\data.ms

(5) Naphthalene

10.081min (-0.005) 0.18 ng/ul m

response 2707

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	12.40	14.20
127.00	14.30	16.21
0.00	0.00	0.00

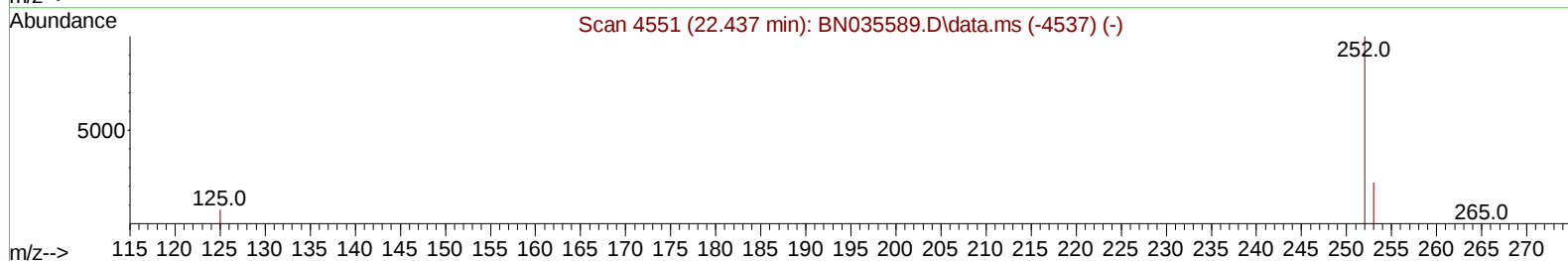
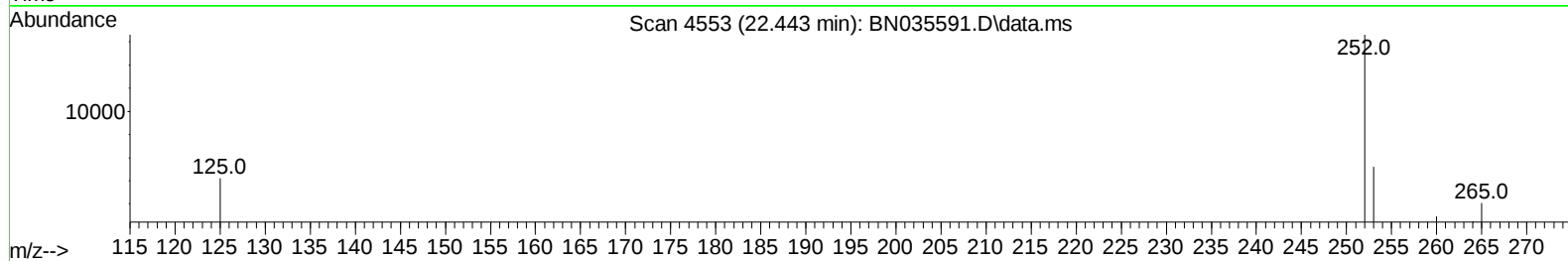
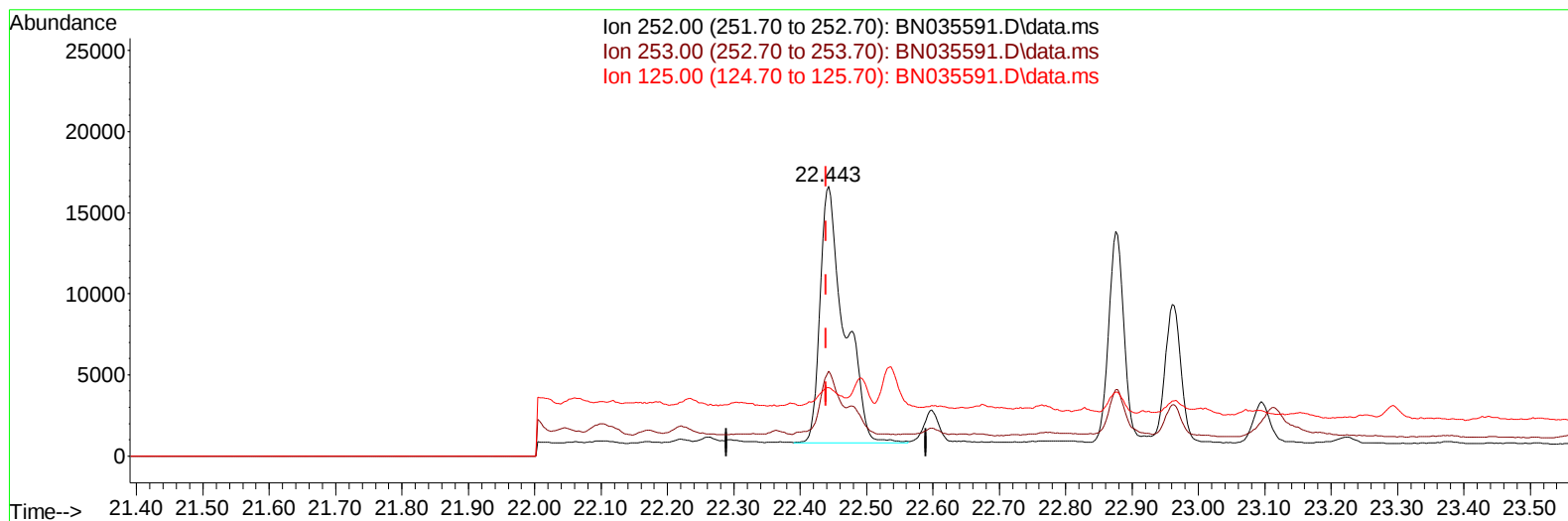
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
Data File : BN035591.D
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Operator : RC/JU
Sample : P5153-12DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28P9DL

Manual IntegrationsAPPROVED

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TIC: BN035591.D\data.ms

(24) Benzo(b)fluoranthene

22.443min (+ 0.003) 1.27 ng/u1

response 40414

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	31.41
125.00	9.70	25.36#
0.00	0.00	0.00

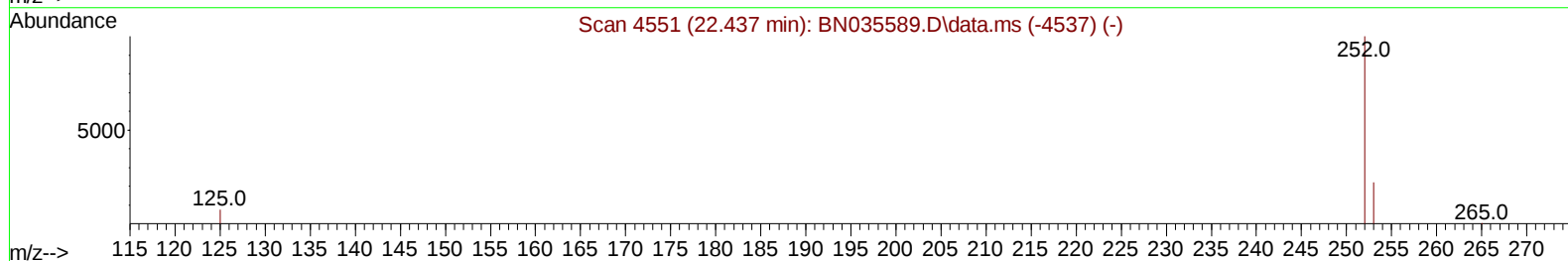
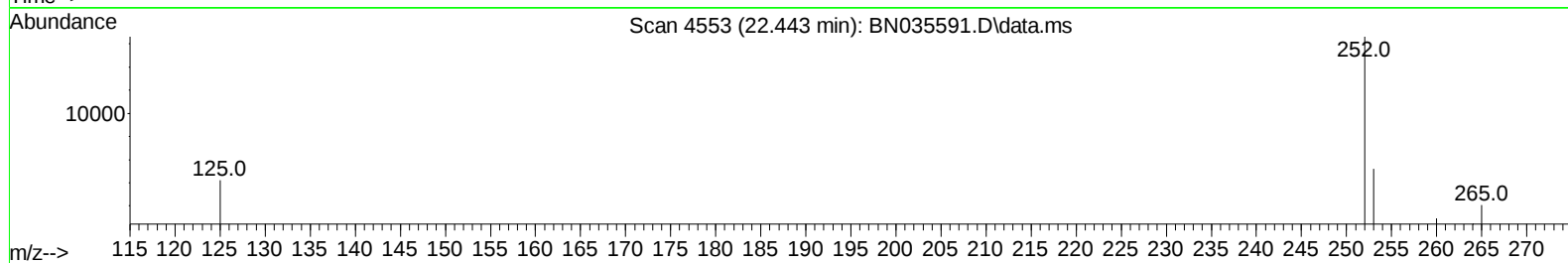
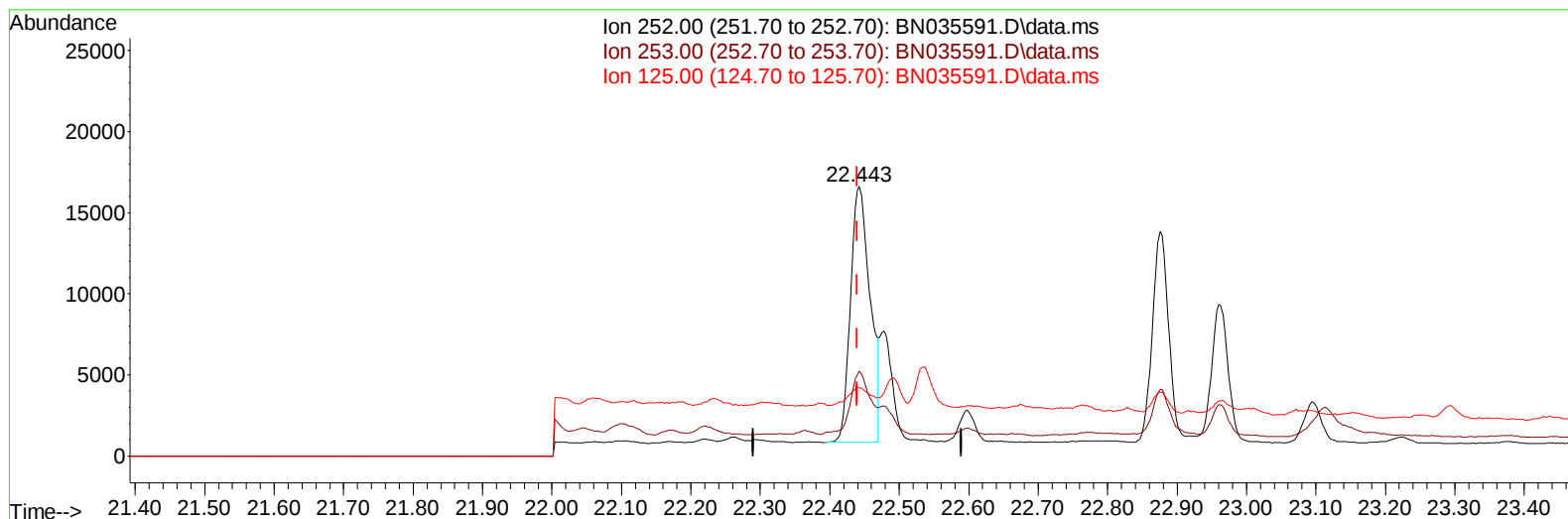
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
Data File : BN035591.D
Acq On : 13 Dec 2024 11:31
Operator : RC/JU
Sample : P5153-12DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28P9DL

Manual IntegrationsAPPROVED

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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: BN035591.D\data.ms

(24) Benzo(b)fluoranthene

22.443min (+ 0.003) 0.97 ng/u1 m

response 30982

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	31.41
125.00	9.70	25.36#
0.00	0.00	0.00

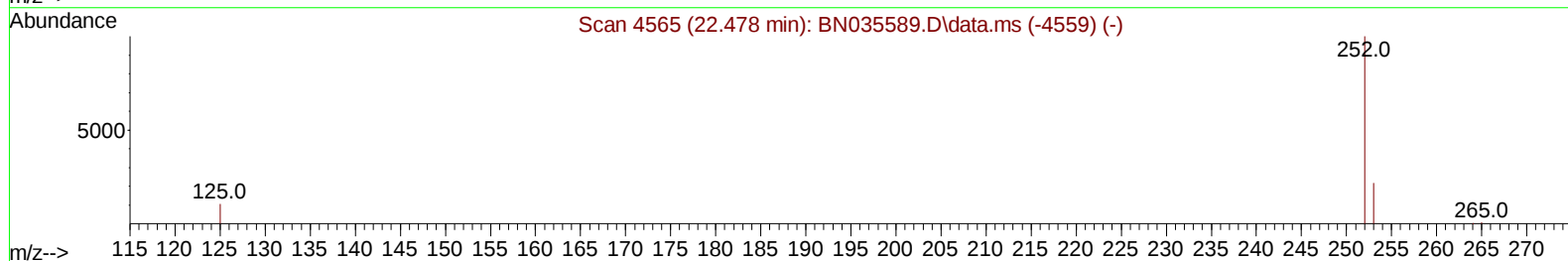
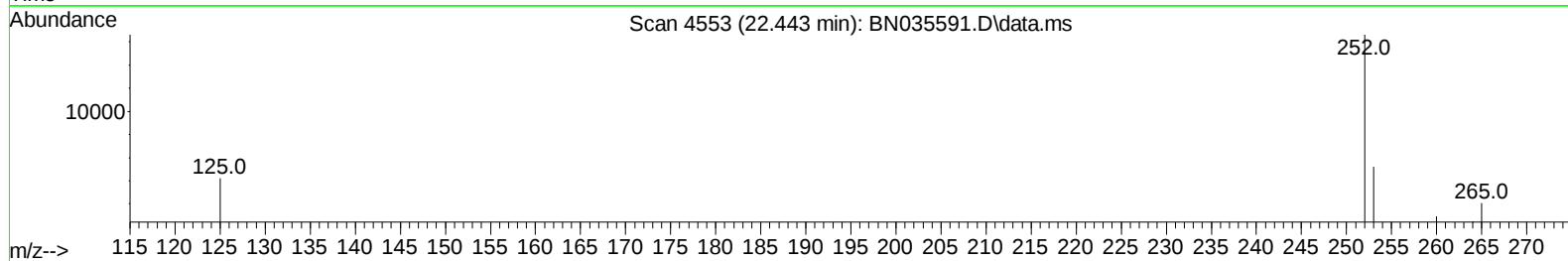
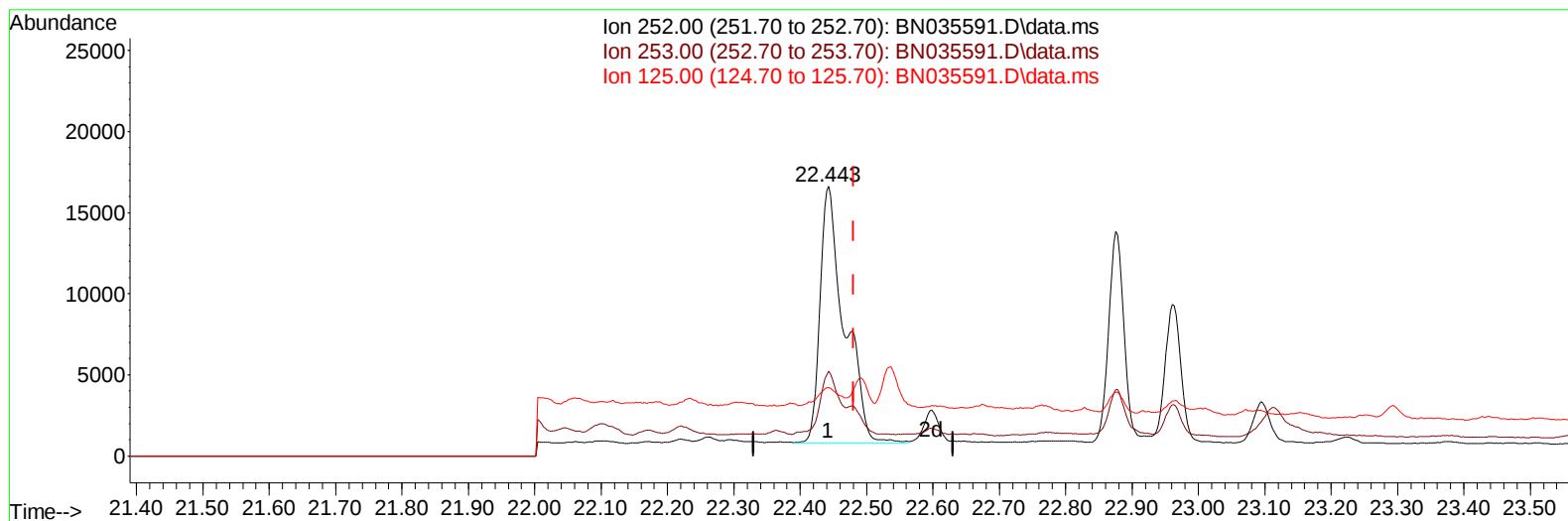
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
Data File : BN035591.D
Acq On : 13 Dec 2024 11:31
Operator : RC/JU
Sample : P5153-12DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28P9DL

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 12/14/2024



TIC: BN035591.D\data.ms

(25) Benzo(k)fluoranthene

22.443min (-0.038) 1.23 ng/u1

response 40414

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	31.41
125.00	10.70	25.36#
0.00	0.00	0.00

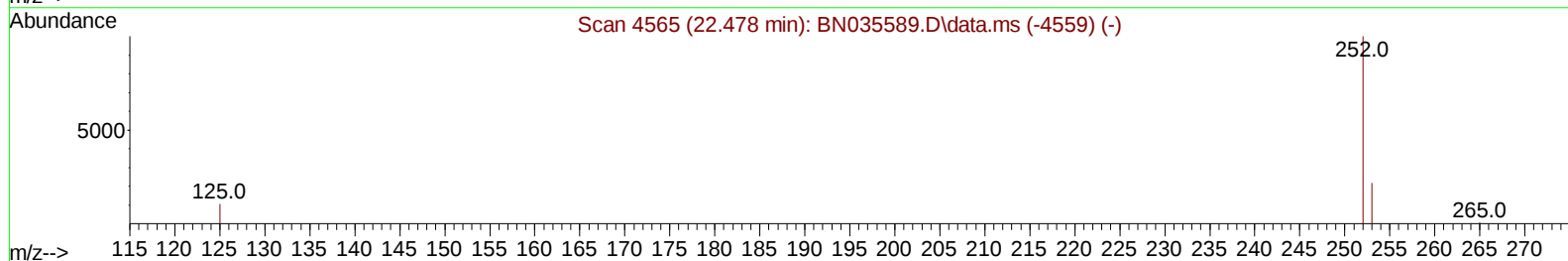
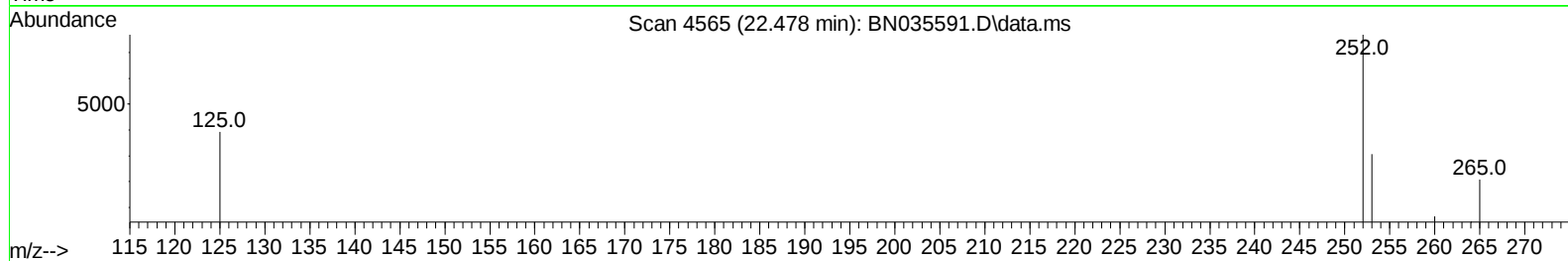
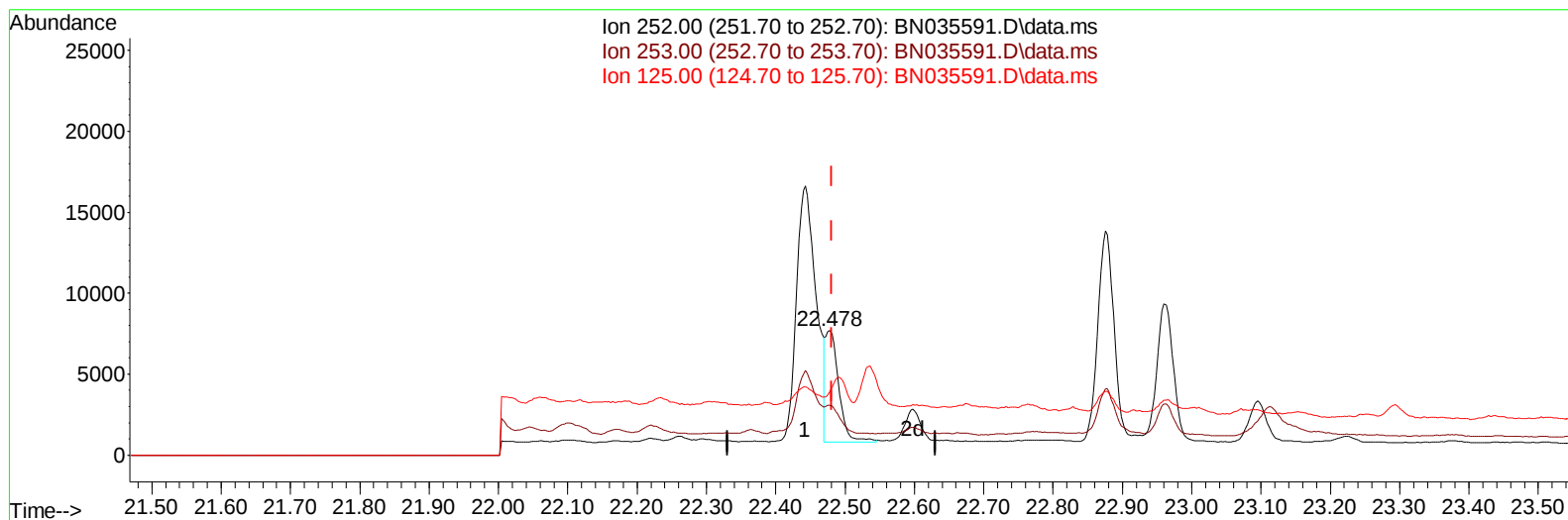
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
Data File : BN035591.D
Acq On : 13 Dec 2024 11:31
Operator : RC/JU
Sample : P5153-12DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28P9DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024

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TIC: BN035591.D\data.ms

(25) Benzo(k)fluoranthene

22.478min (-0.003) 0.28 ng/u1 m

response 9235

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	39.96#
125.00	10.70	51.00#
0.00	0.00	0.00

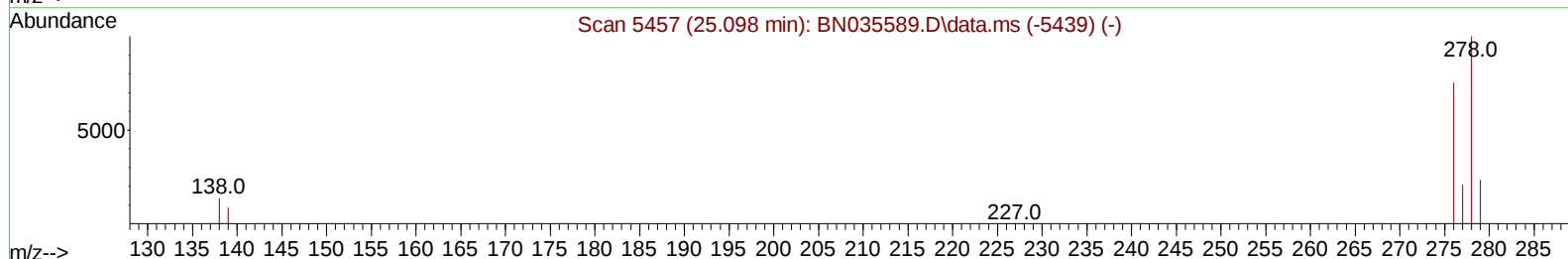
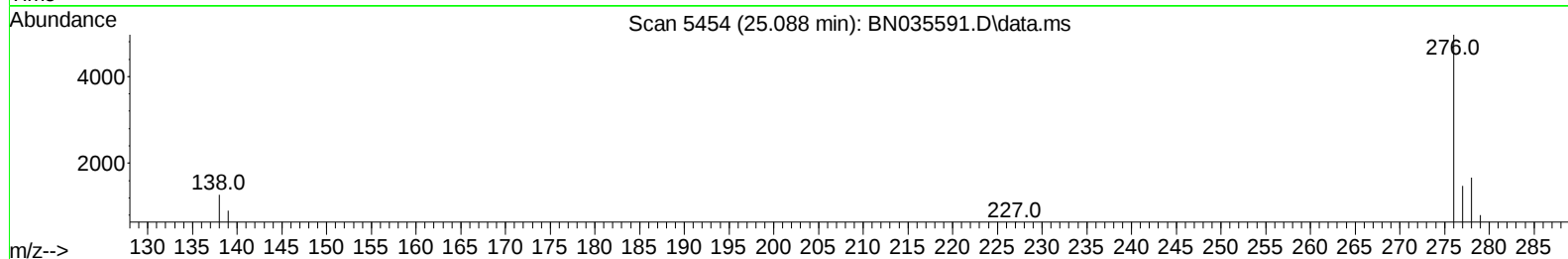
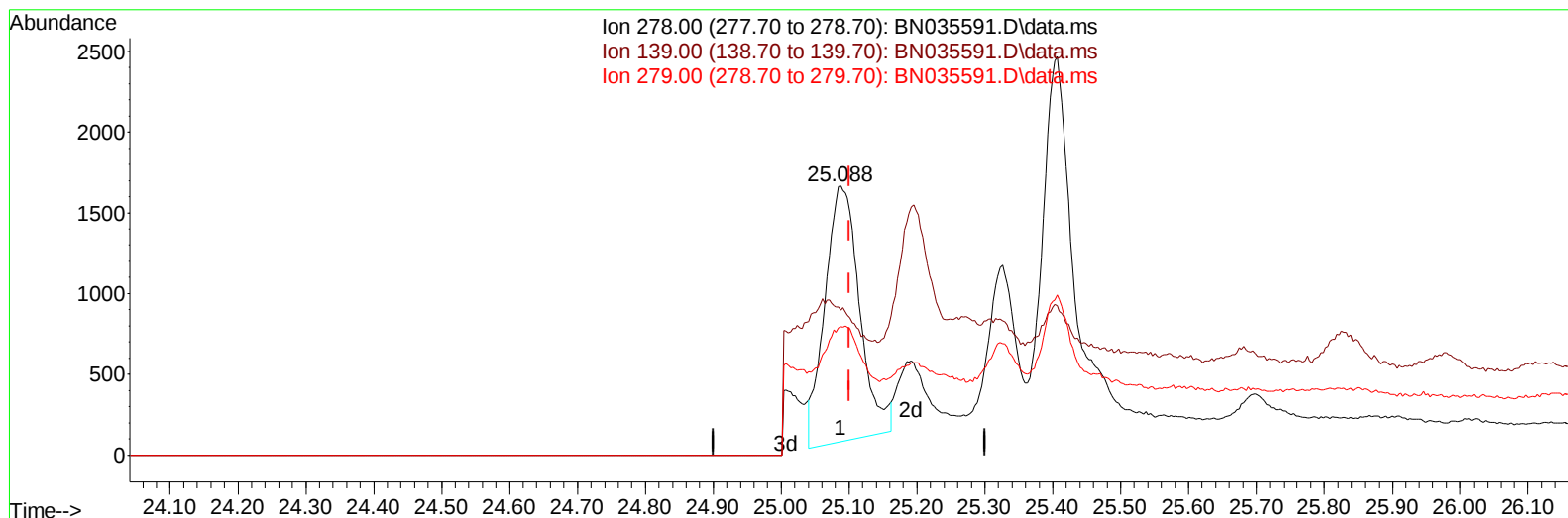
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
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Operator : RC/JU
Sample : P5153-12DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28P9DL

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 12/14/2024
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TIC: BN035591.D\data.ms

(28) Dibenzo(a,h)anthracene

25.088min (-0.013) 0.18 ng/u1

response 5601

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.40	53.90#
279.00	28.50	47.84#
0.00	0.00	0.00

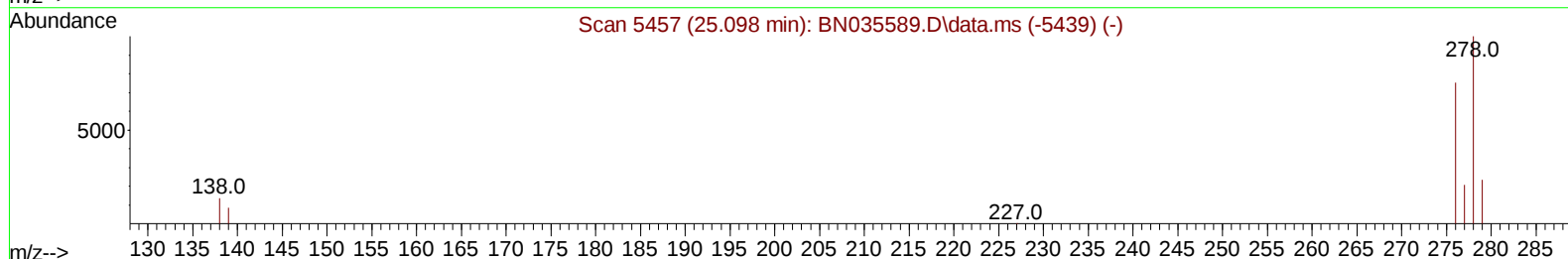
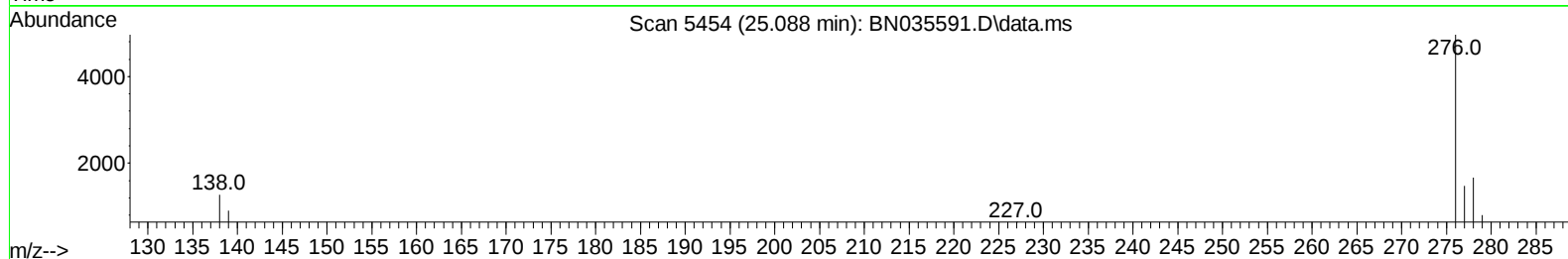
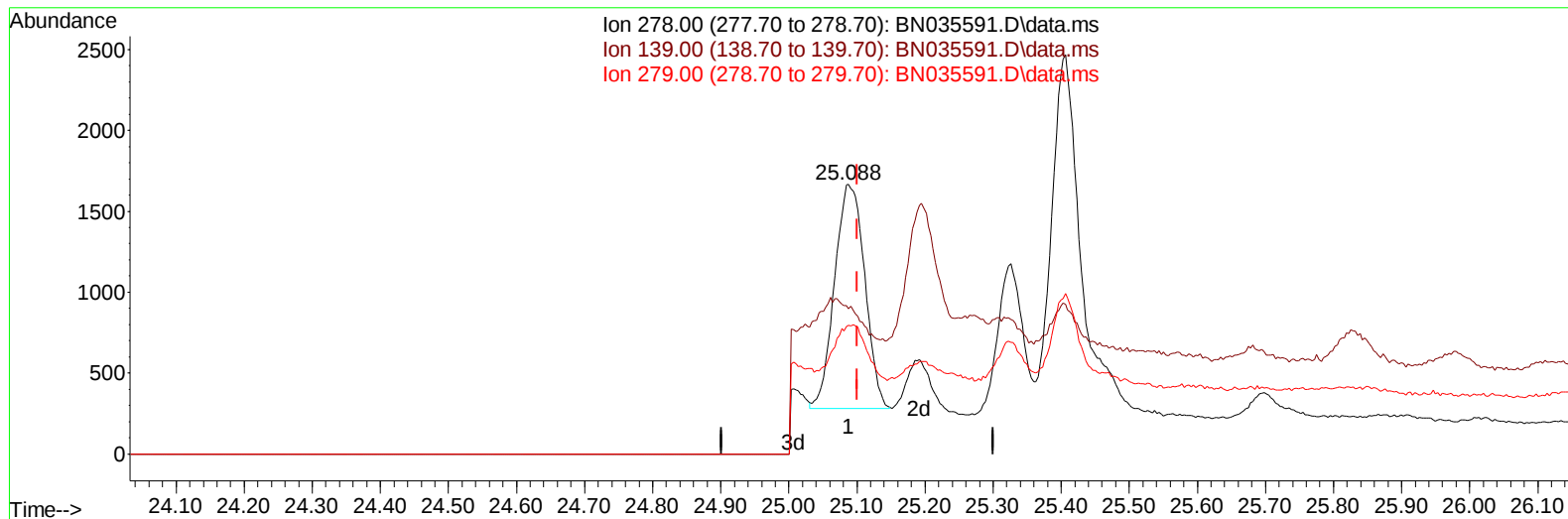
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
Data File : BN035591.D
Acq On : 13 Dec 2024 11:31
Operator : RC/JU
Sample : P5153-12DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28P9DL

Manual IntegrationsAPPROVED

Quant Time: Dec 13 11:58:20 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: BN035591.D\data.ms

(28) Dibenzo(a,h)anthracene

25.088min (-0.013) 0.14 ng/ul m

response 4267

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.40	53.90#
279.00	28.50	47.84#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
 Data File : BN035591.D
 Acq On : 13 Dec 2024 11:31
 Operator : RC/JU
 Sample : P5153-12DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28P9DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/14/2024
 Supervised By :mohammad ahmed 12/14/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.289	152	2062	0.400	ng/ul	0.00
4) Naphthalene-d8	10.031	136	5981	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	13.944	164	4085	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.713	188	9472	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.961	240	9231	0.400	ng/ul	# 0.00
23) Perylene-d12	23.051	264	9649	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.959	96	2299	1.220	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.631	152	693	0.079	ng/ul	-0.01
18) Fluoranthene-d10	18.768	212	1858	0.073	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.081	128	2707m	0.180	ng/ul	
7) 2-Methylnaphthalene	11.708	142	1087	0.104	ng/ul	98
8) 1-Methylnaphthalene	11.939	142	683	0.065	ng/ul	98
10) Acenaphthylene	13.657	152	1333	0.082	ng/ul#	84
12) Fluorene	15.013	166	423	0.029	ng/ul#	82
15) Phenanthrene	16.755	178	11687	0.467	ng/ul	98
16) Anthracene	16.844	178	3099	0.133	ng/ul#	87
19) Fluoranthene	18.796	202	17817	0.554	ng/ul	96
20) Pyrene	19.163	202	16701	0.499	ng/ul#	94
21) Benzo(a)anthracene	20.944	228	13028	0.407	ng/ul#	80
22) Chrysene	20.996	228	22066	0.685	ng/ul#	90
24) Benzo(b)fluoranthene	22.443	252	30982m	0.971	ng/ul	
25) Benzo(k)fluoranthene	22.478	252	9235m	0.281	ng/ul	
26) Benzo(a)pyrene	22.960	252	14247	0.489	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	25.081	276	13522	0.343	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.088	278	4267m	0.138	ng/ul	
29) Benzo(g,h,i)perylene	25.698	276	16108	0.519	ng/ul#	92

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

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Manual IntegrationsAPPROVED

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