

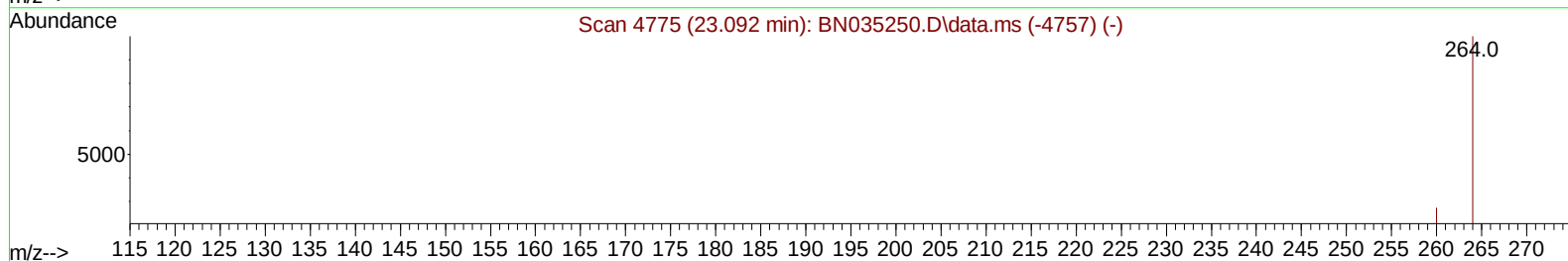
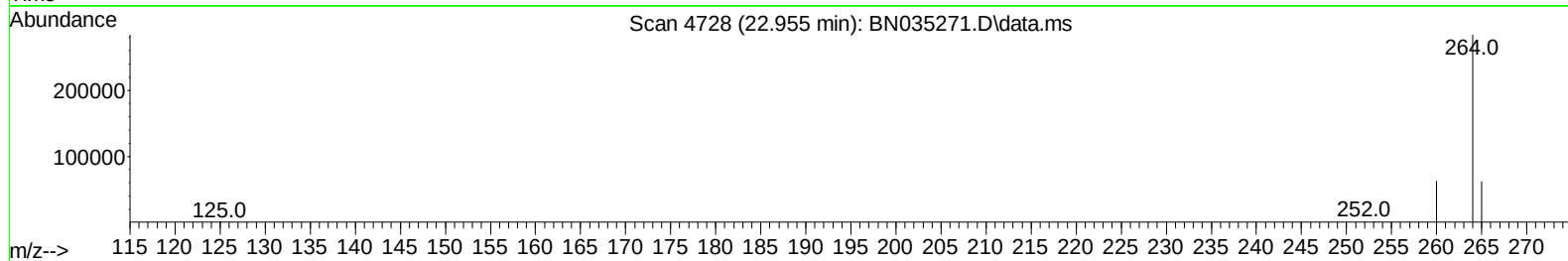
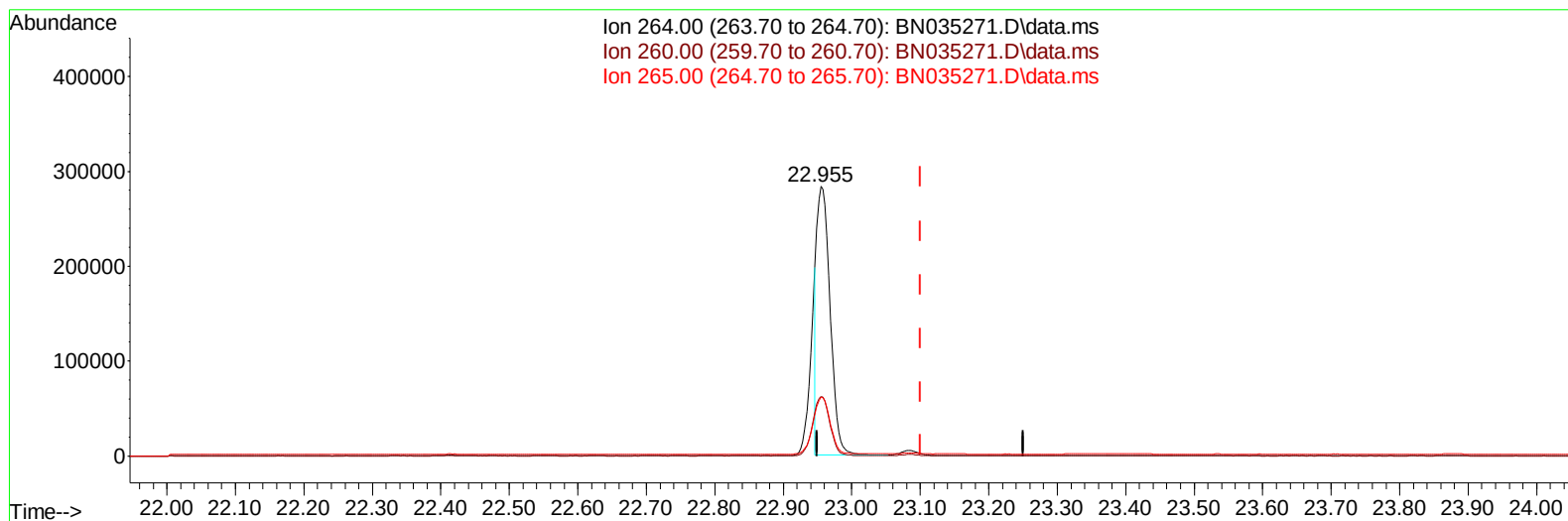
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112224\
Data File : BN035271.D
Acq On : 23 Nov 2024 09:59
Operator : RC/JU
Sample : P4872-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29X8

Manual IntegrationsAPPROVED

Quant Time: Nov 25 08:35:41 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 : Fri Nov 22 12:45:23 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024



TIC: BN035271.D\data.ms

(23) Perylene-d12 (I)

22.955min (-0.146) 0.40 ng/u1

response 381689

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.20	22.17
265.00	75.50	21.89#
0.00	0.00	0.00

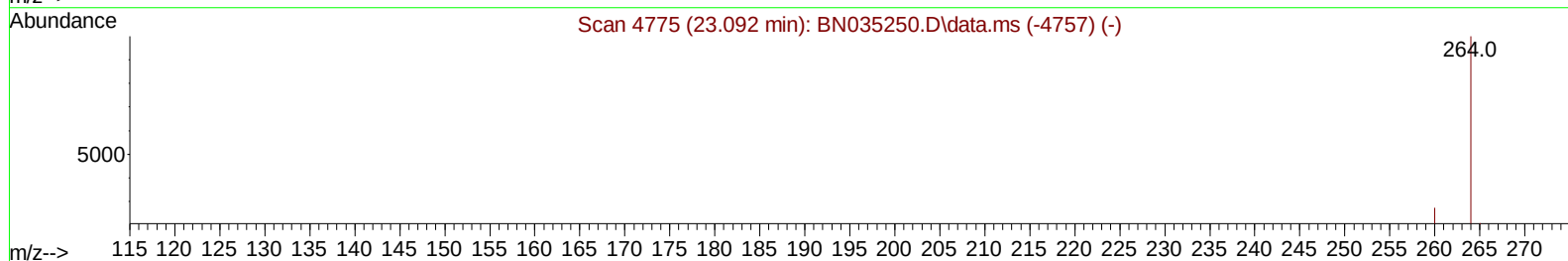
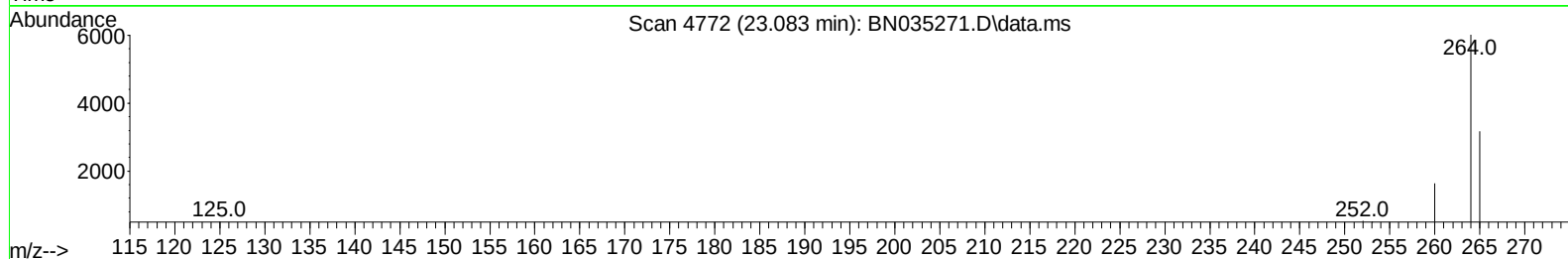
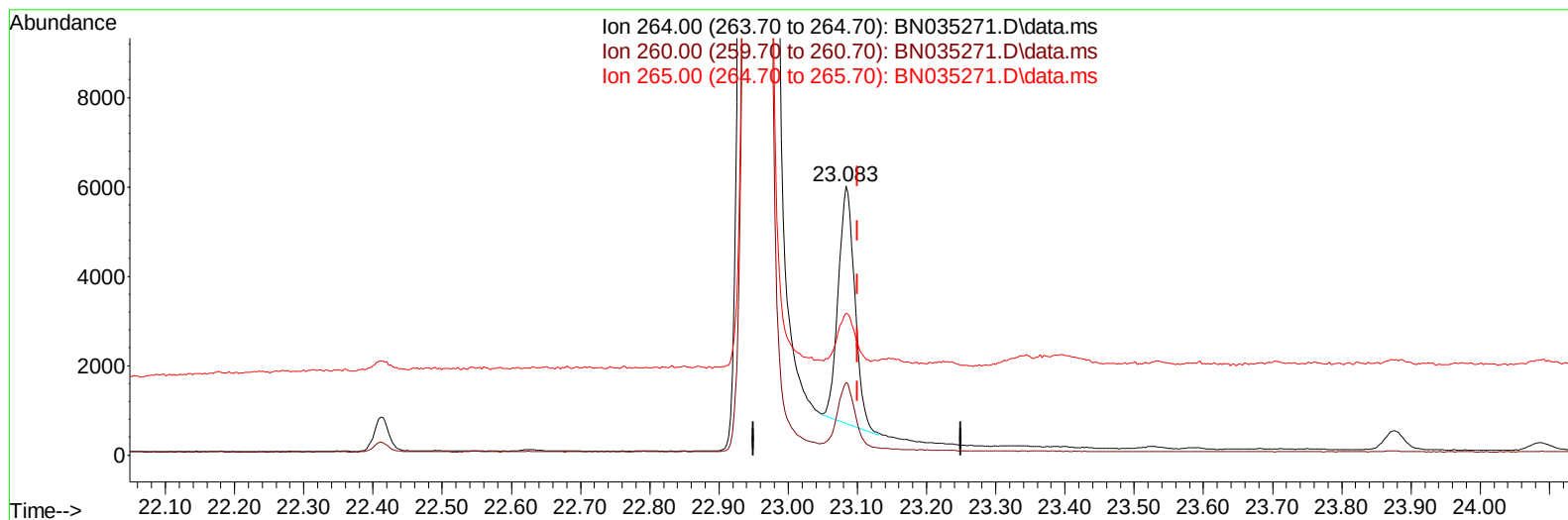
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Data File : BN035271.D
Acq On : 23 Nov 2024 09:59
Operator : RC/JU
Sample : P4872-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29X8

Manual IntegrationsAPPROVED

Quant Time: Nov 25 08:35:41 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 : Fri Nov 22 12:45:23 2024
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Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024



TIC: BN035271.D\data.ms

(23) Perylene-d12 (I)

23.083min (-0.017) 0.40 ng/ul m

response 8837

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.20	27.12
265.00	75.50	52.73#
0.00	0.00	0.00

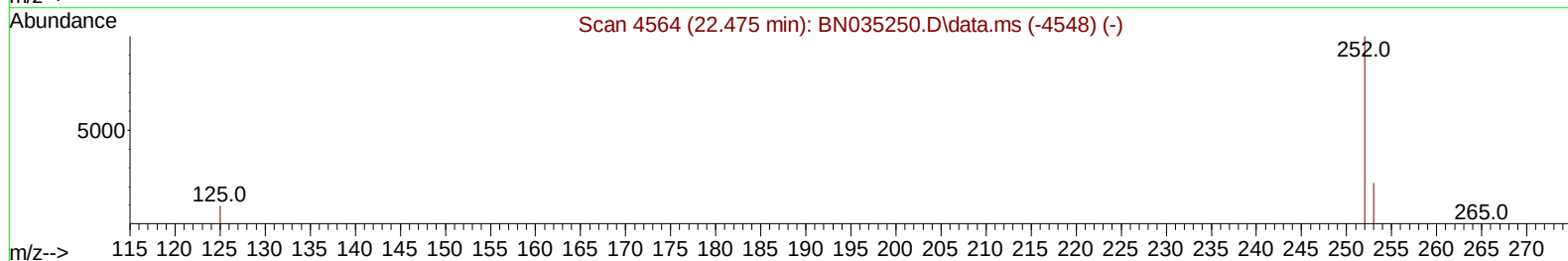
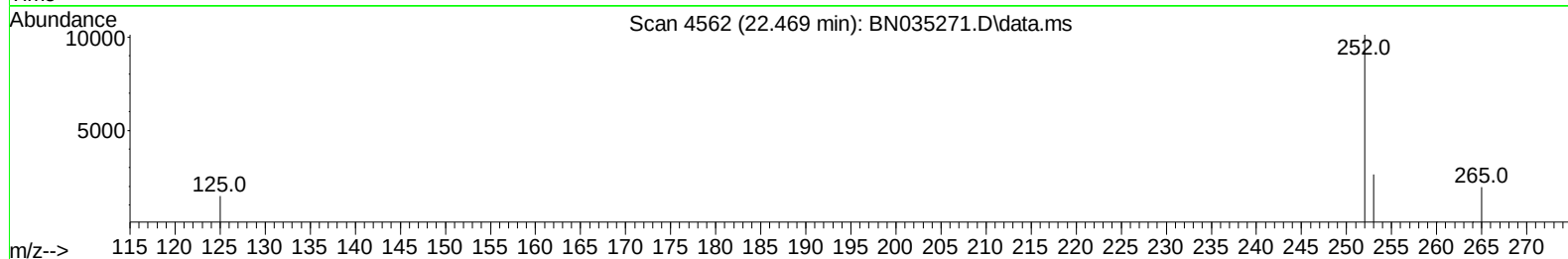
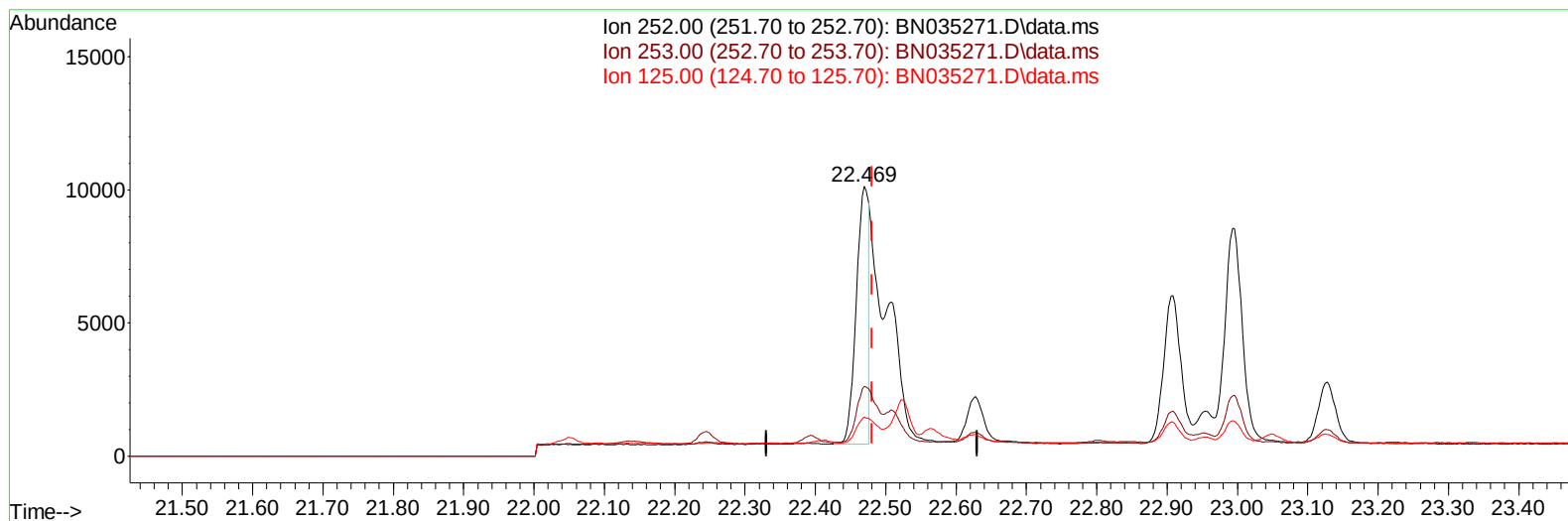
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112224\
Data File : BN035271.D
Acq On : 23 Nov 2024 09:59
Operator : RC/JU
Sample : P4872-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29X8

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 25 08:35:41 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 : Fri Nov 22 12:45:23 2024
Response via : Initial Calibration



TIC: BN035271.D\data.ms

(24) Benzo(b)fluoranthene

22.469min (-0.011) 0.40 ng/u1

response 11708

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	25.85
125.00	9.70	14.54
0.00	0.00	0.00

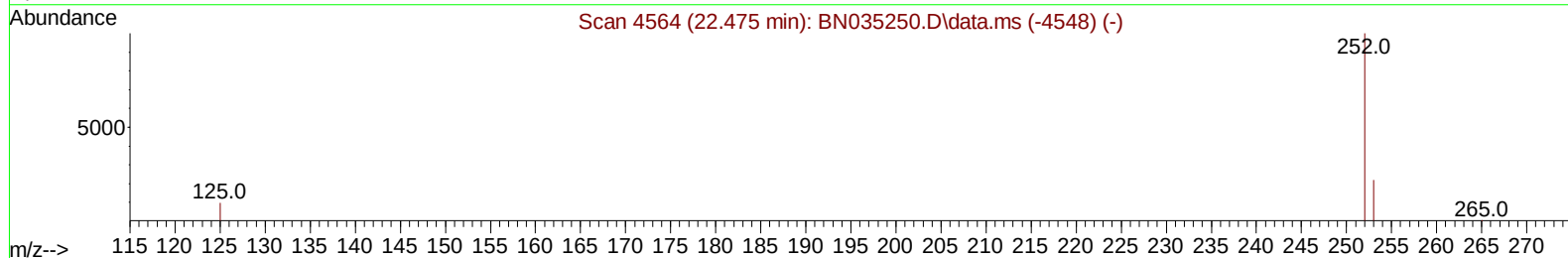
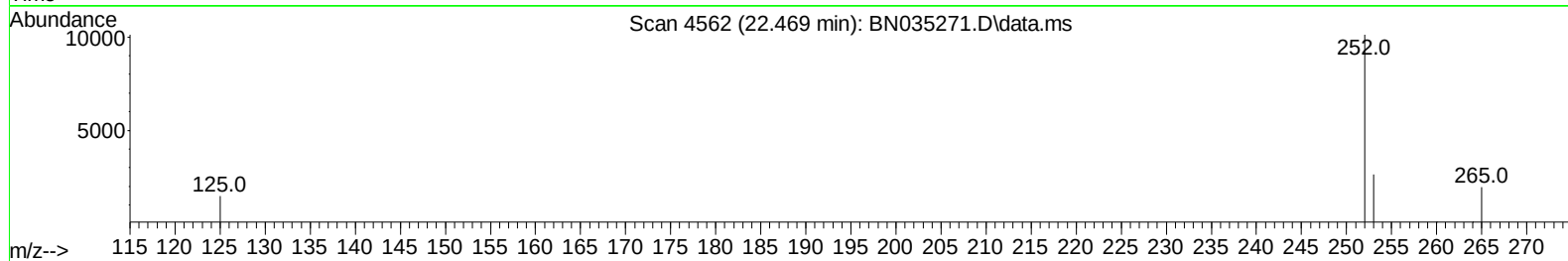
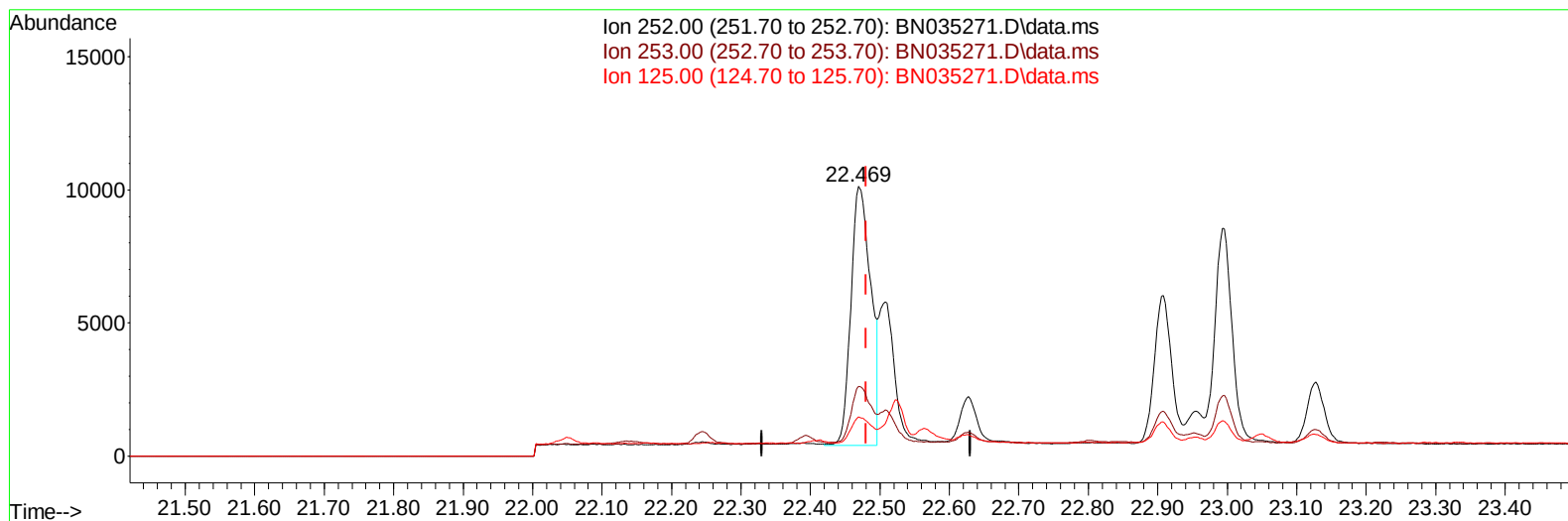
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112224\
Data File : BN035271.D
Acq On : 23 Nov 2024 09:59
Operator : RC/JU
Sample : P4872-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29X8

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 25 08:35:41 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 : Fri Nov 22 12:45:23 2024
Response via : Initial Calibration



TIC: BN035271.D\data.ms

(24) Benzo(b)fluoranthene

22.469min (-0.011) 0.67 ng/ul m

response 19470

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	25.85
125.00	9.70	14.54
0.00	0.00	0.00

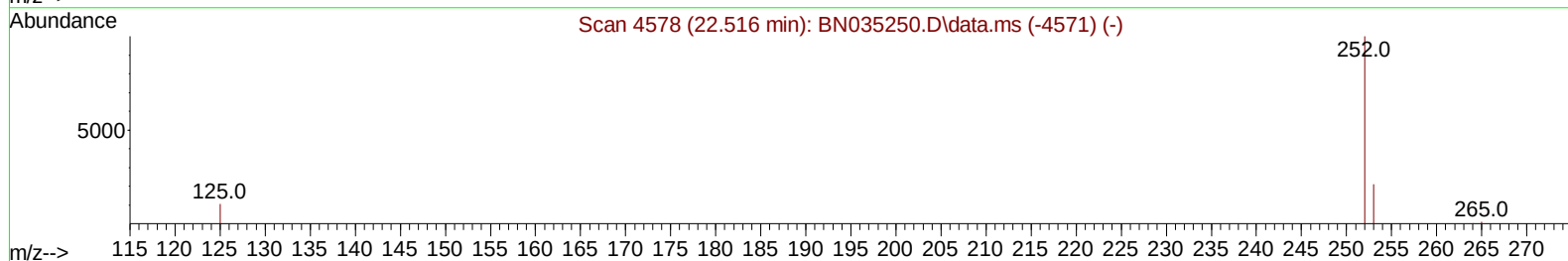
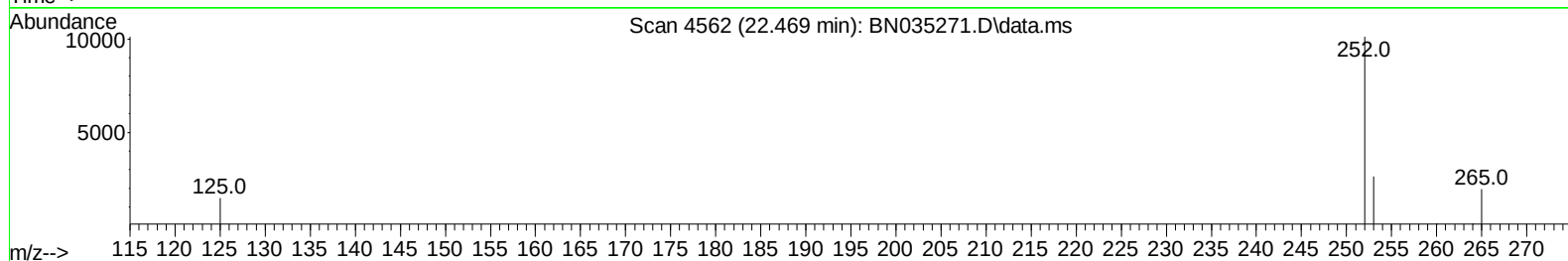
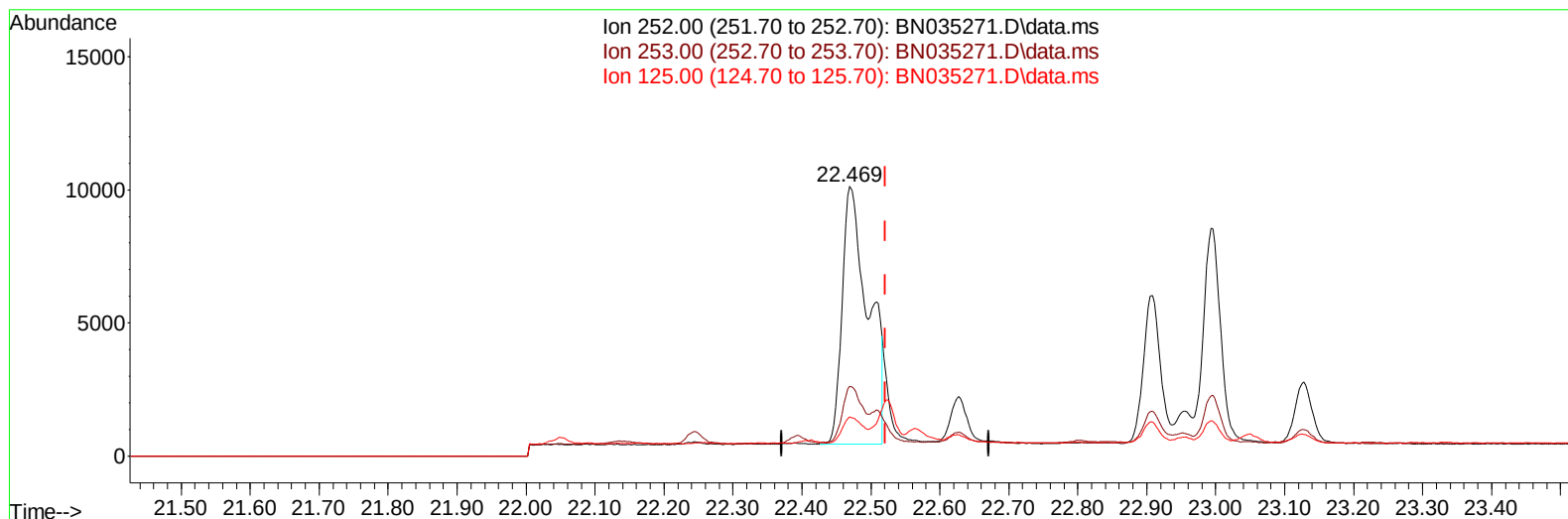
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112224\
Data File : BN035271.D
Acq On : 23 Nov 2024 09:59
Operator : RC/JU
Sample : P4872-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29X8

Manual IntegrationsAPPROVED

Quant Time: Nov 25 08:35:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
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QLast Update : Fri Nov 22 12:45:23 2024
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Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024



TIC: BN035271.D\data.ms

(25) Benzo(k)fluoranthene

22.469min (-0.052) 0.84 ng/u1

response 25341

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	25.85
125.00	10.70	14.54#
0.00	0.00	0.00

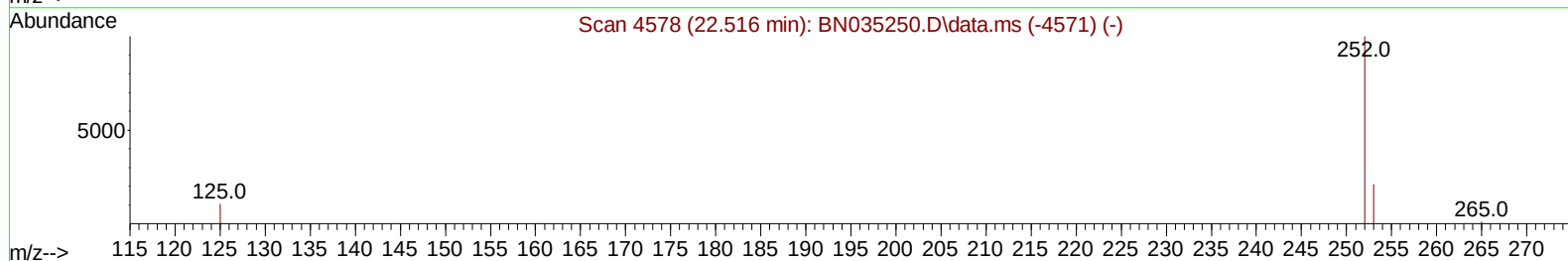
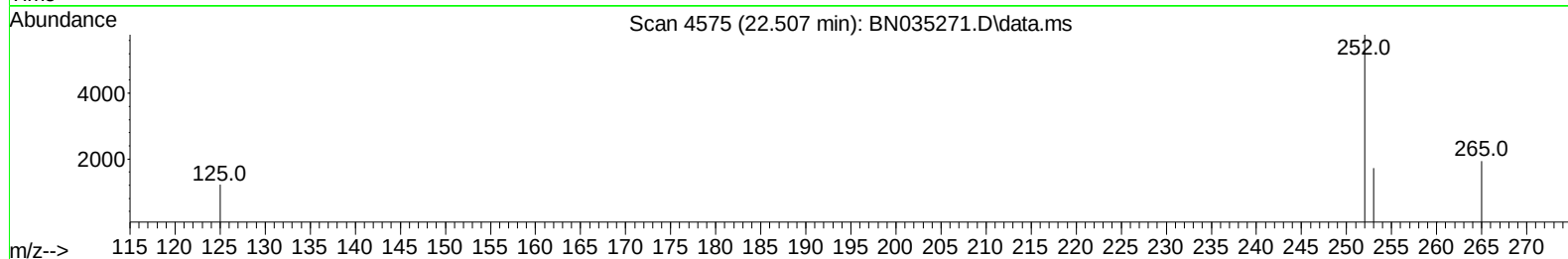
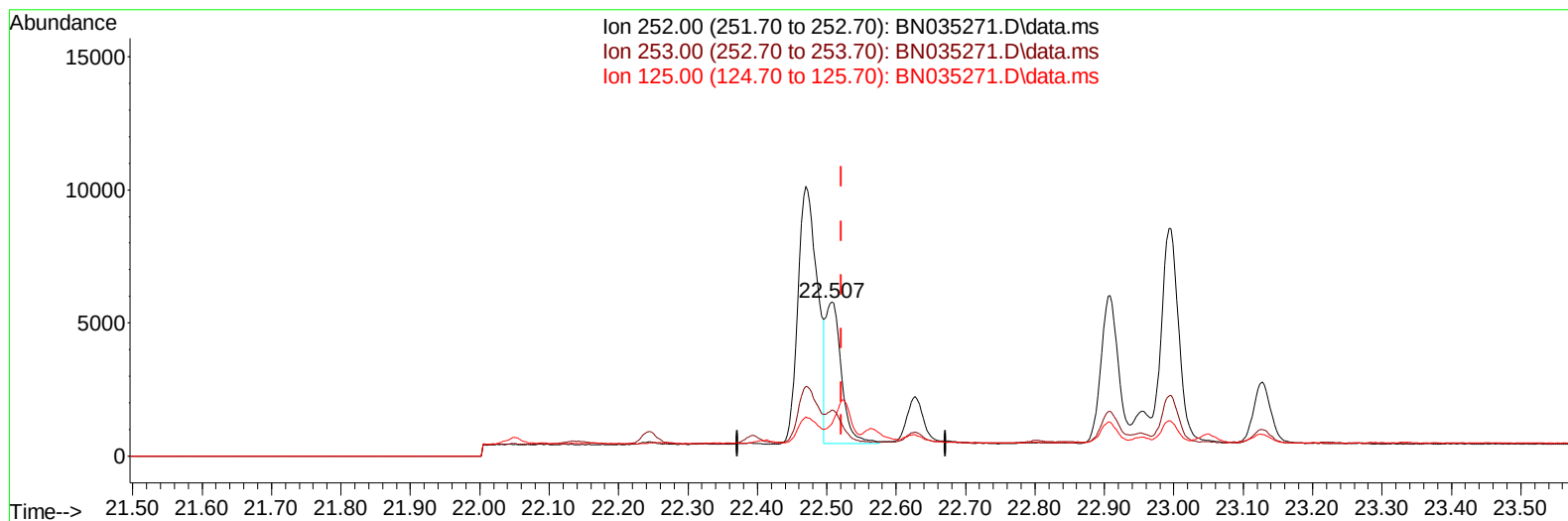
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Data File : BN035271.D
Acq On : 23 Nov 2024 09:59
Operator : RC/JU
Sample : P4872-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29X8

Manual IntegrationsAPPROVED

Quant Time: Nov 25 08:35:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
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QLast Update : Fri Nov 22 12:45:23 2024
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Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024



TIC: BN035271.D\data.ms

(25) Benzo(k)fluoranthene

22.507min (-0.014) 0.28 ng/ul m

response 8285

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	29.96
125.00	10.70	20.98#
0.00	0.00	0.00

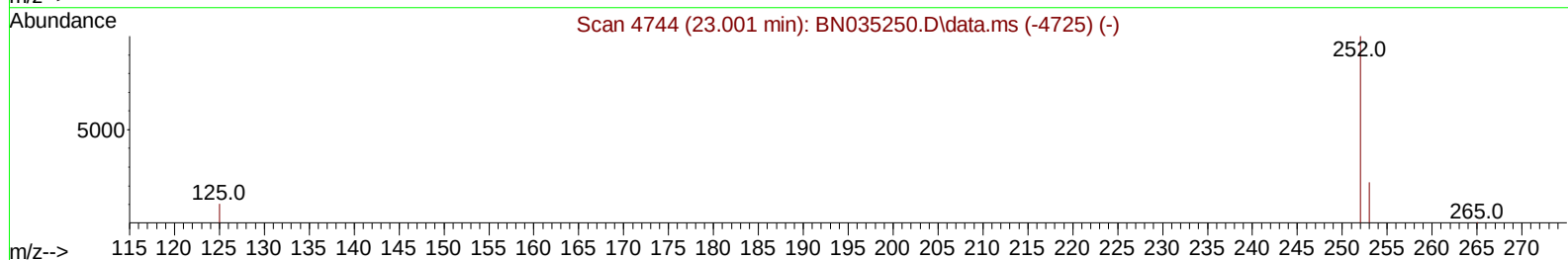
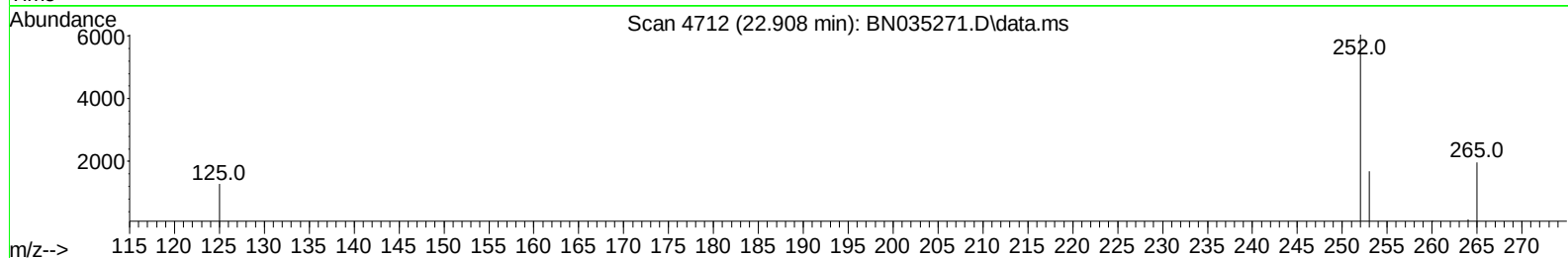
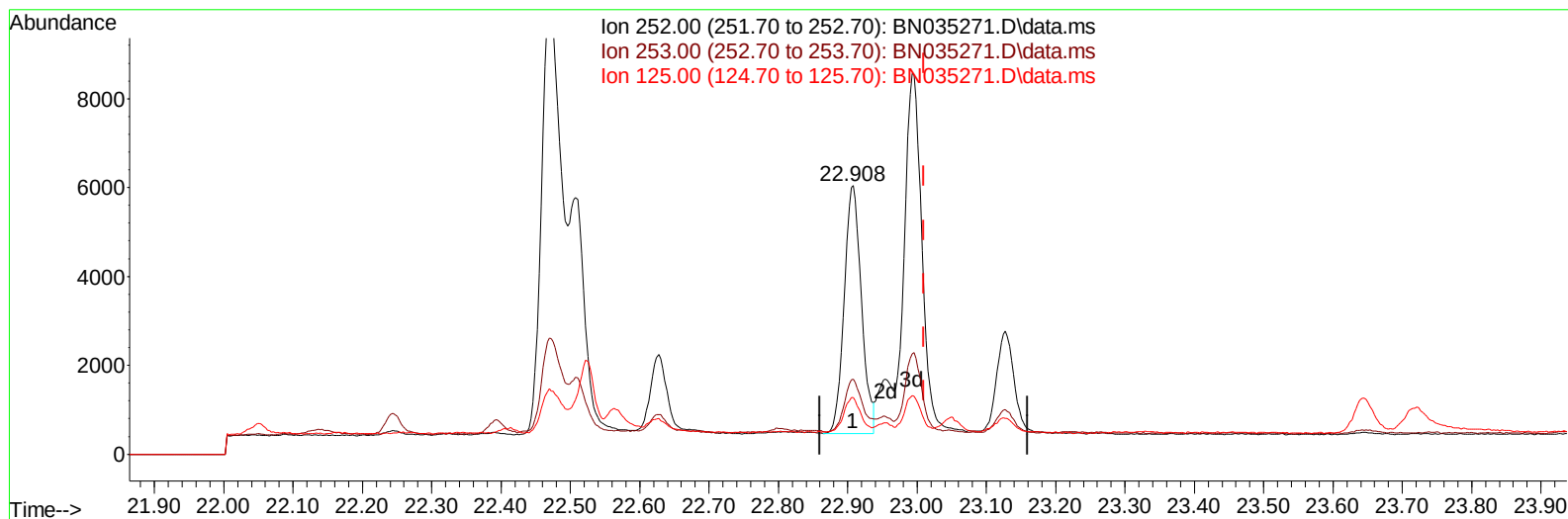
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Data File : BN035271.D
Acq On : 23 Nov 2024 09:59
Operator : RC/JU
Sample : P4872-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29X8

Manual IntegrationsAPPROVED

Quant Time: Nov 25 08:35:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
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QLast Update : Fri Nov 22 12:45:23 2024
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TIC: BN035271.D\data.ms

(26) Benzo(a)pyrene (C)

22.908min (-0.102) 0.36 ng/u1

response 9626

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.60	27.91
125.00	11.80	21.23#
0.00	0.00	0.00

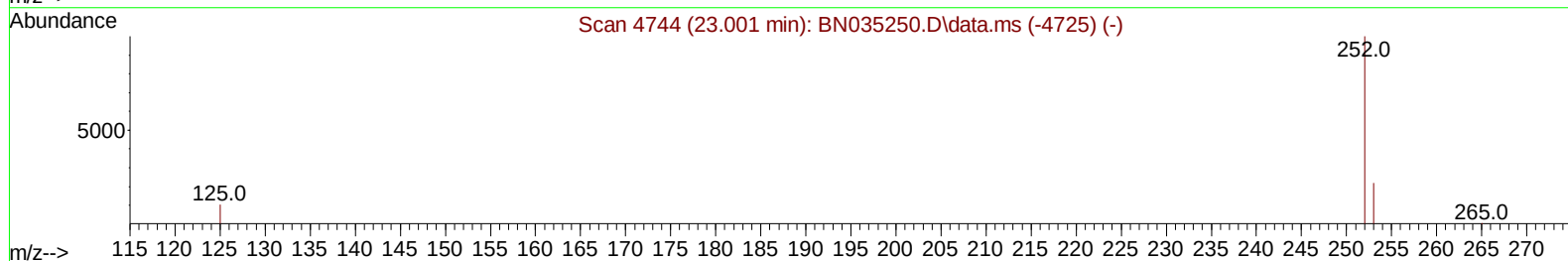
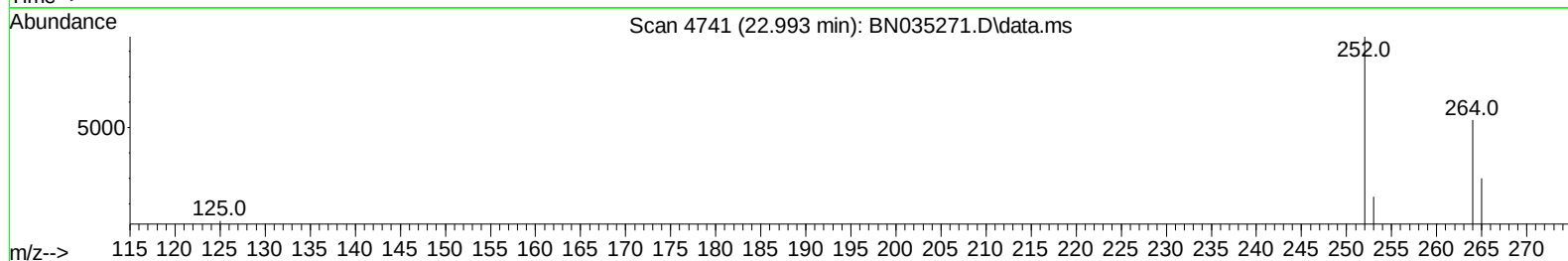
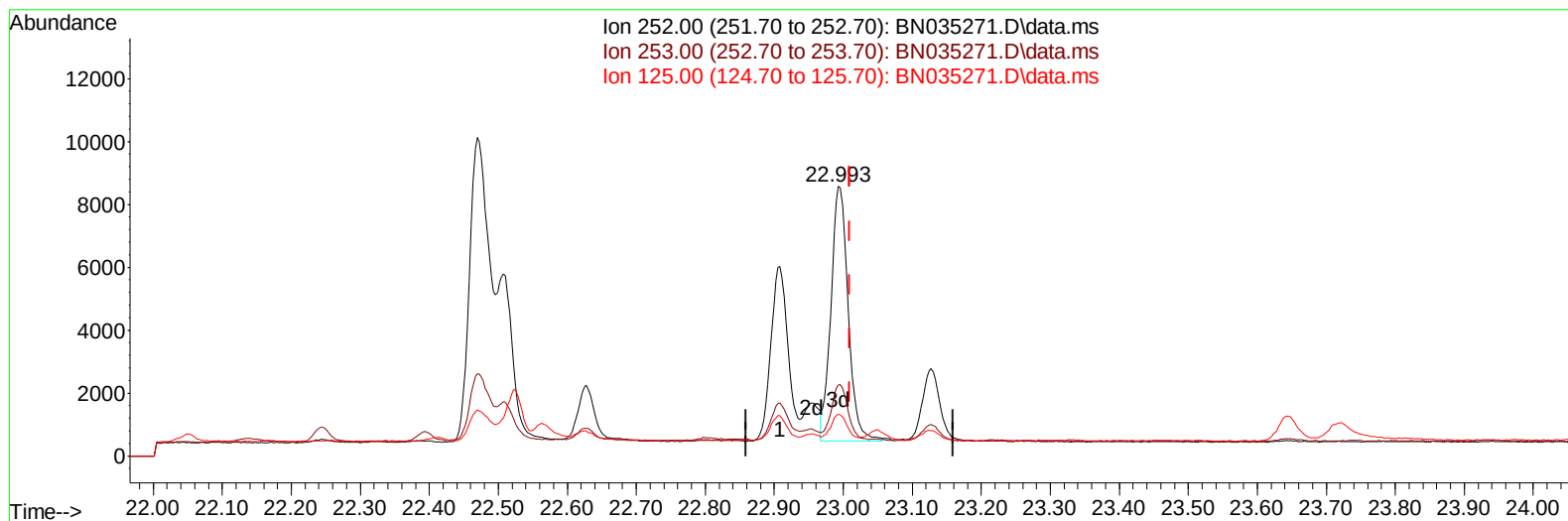
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Data File : BN035271.D
Acq On : 23 Nov 2024 09:59
Operator : RC/JU
Sample : P4872-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29X8

Manual IntegrationsAPPROVED

Quant Time: Nov 25 08:35:41 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 : Fri Nov 22 12:45:23 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024



TIC: BN035271.D\data.ms

(26) Benzo(a)pyrene (C)

22.993min (-0.017) 0.53 ng/ul m

response 14083

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.60	26.42
125.00	11.80	15.39#
0.00	0.00	0.00

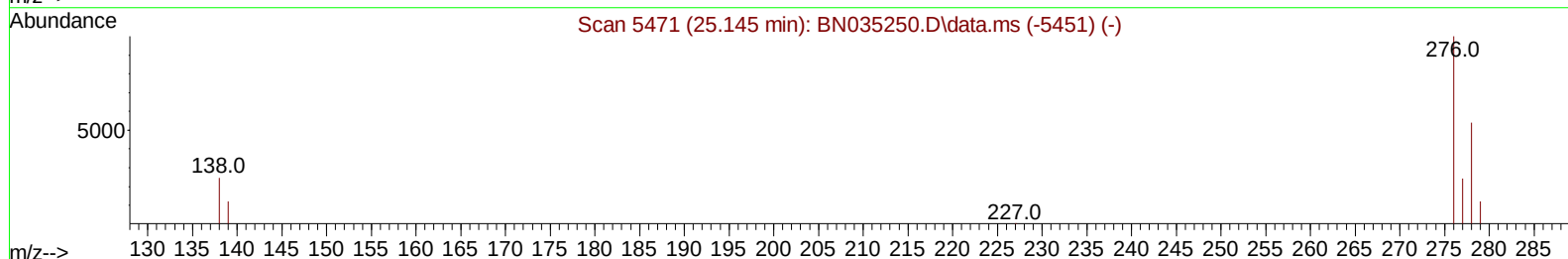
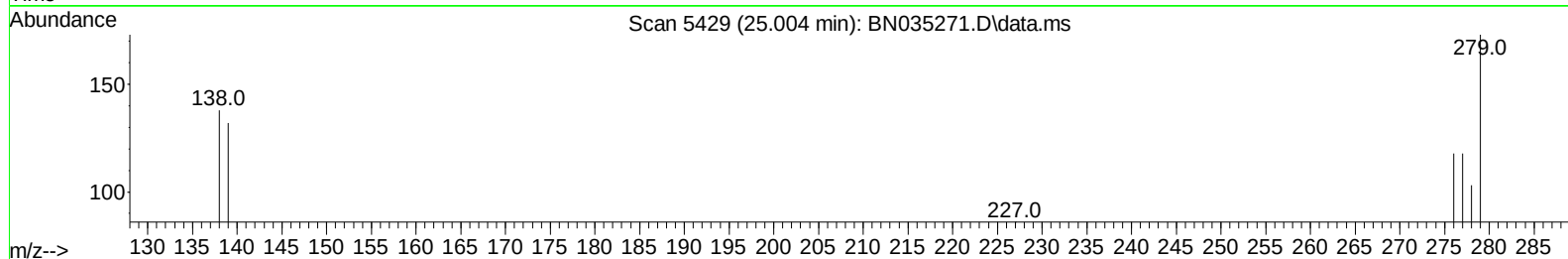
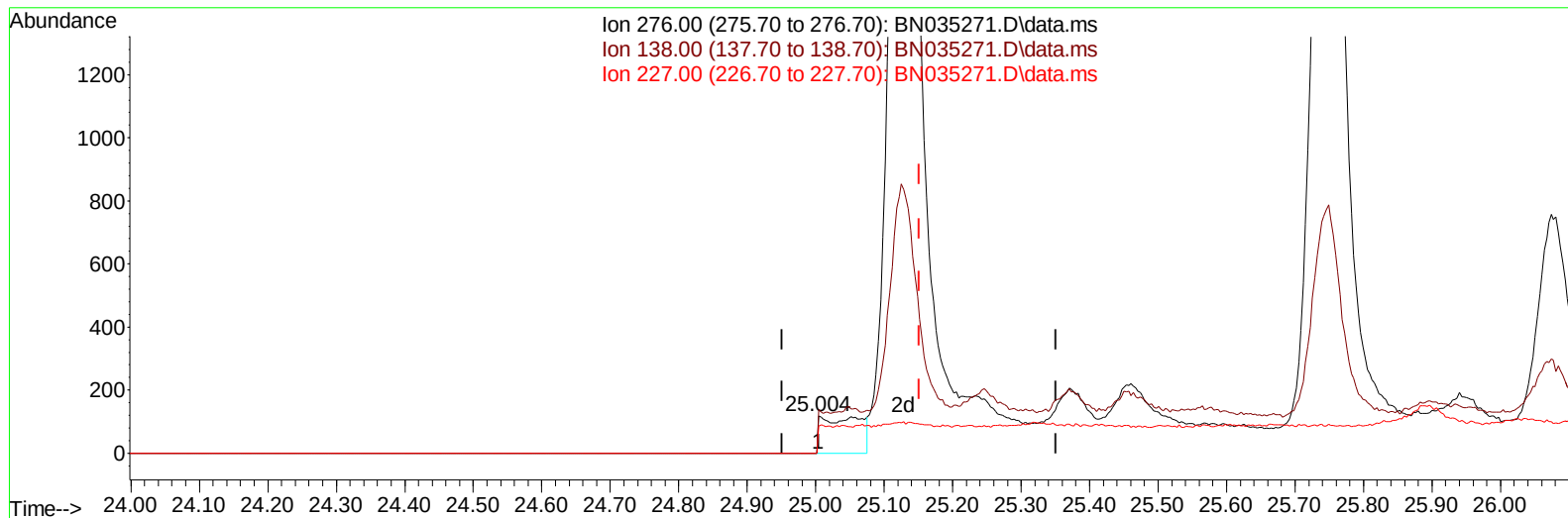
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112224\
Data File : BN035271.D
Acq On : 23 Nov 2024 09:59
Operator : RC/JU
Sample : P4872-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29X8

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 25 08:35:41 2024
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QLast Update : Fri Nov 22 12:45:23 2024
Response via : Initial Calibration



TIC: BN035271.D\data.ms

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

25.004min (-0.147) 0.01 ng/u1

response 466

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.30	0.00#
227.00	0.30	0.00#
0.00	0.00	0.00

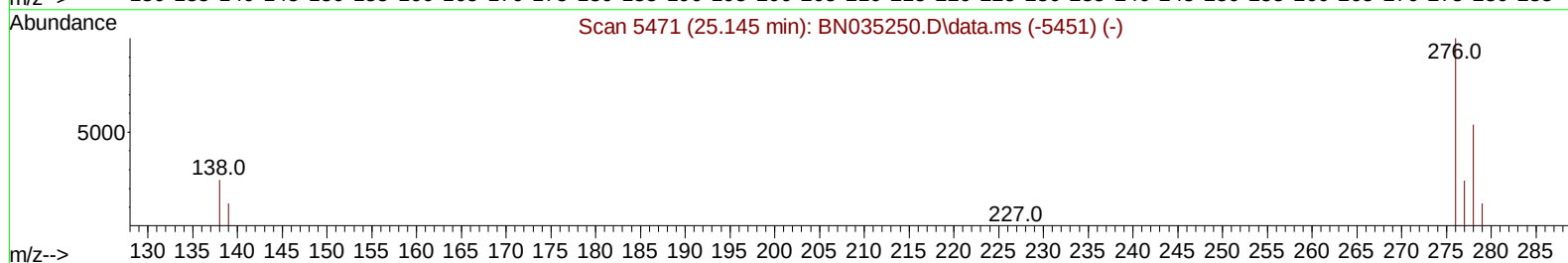
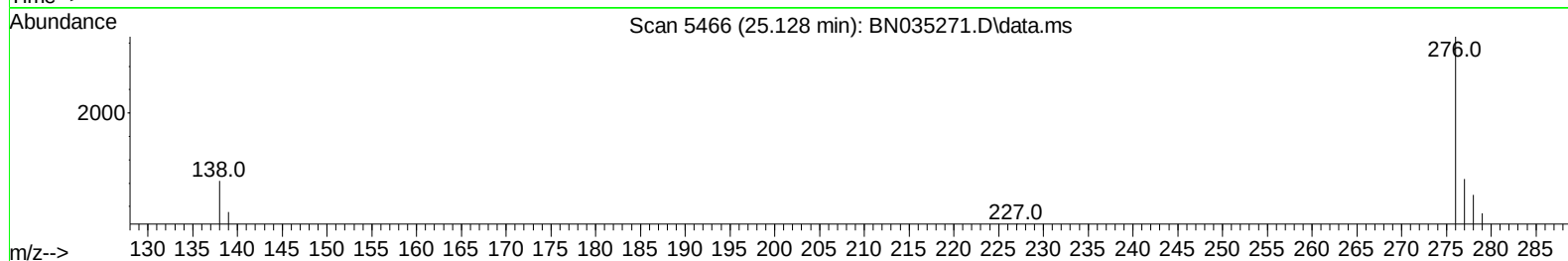
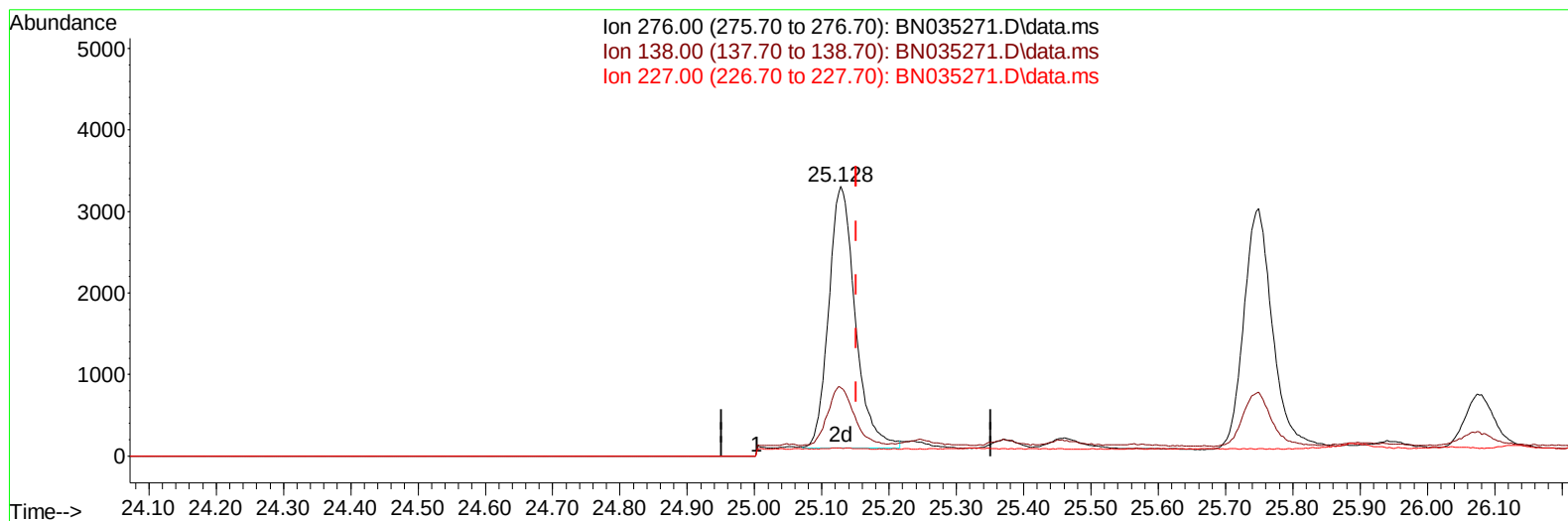
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Data File : BN035271.D
Acq On : 23 Nov 2024 09:59
Operator : RC/JU
Sample : P4872-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29X8

Manual IntegrationsAPPROVED

Quant Time: Nov 25 08:35:41 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 : Fri Nov 22 12:45:23 2024
Response via : Initial Calibration

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TIC: BN035271.D\data.ms

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

25.128min (-0.023) 0.24 ng/ul m

response 8772

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.30	0.00#
227.00	0.30	0.00#
0.00	0.00	0.00

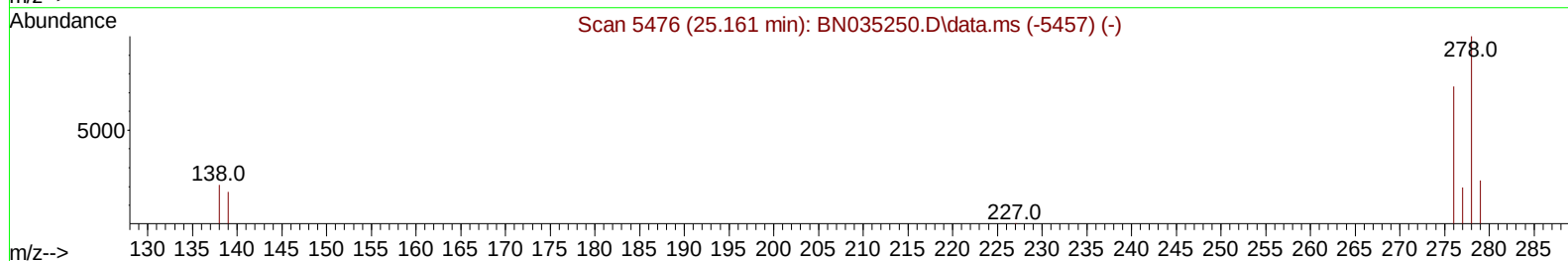
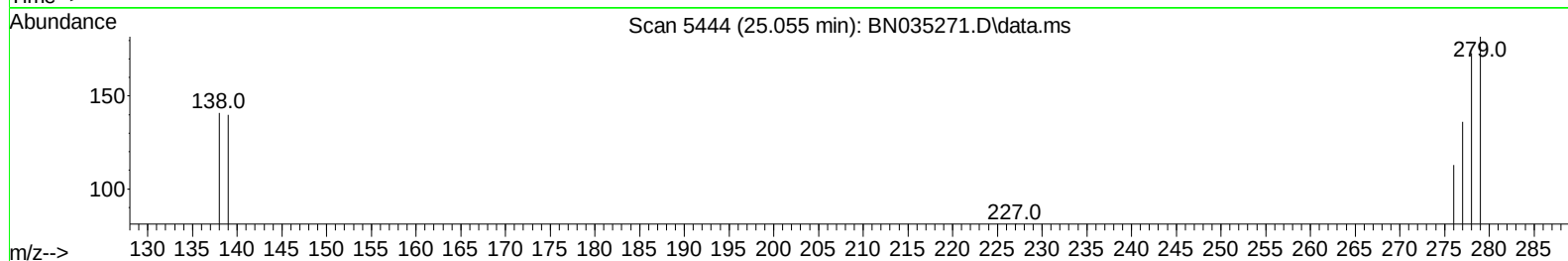
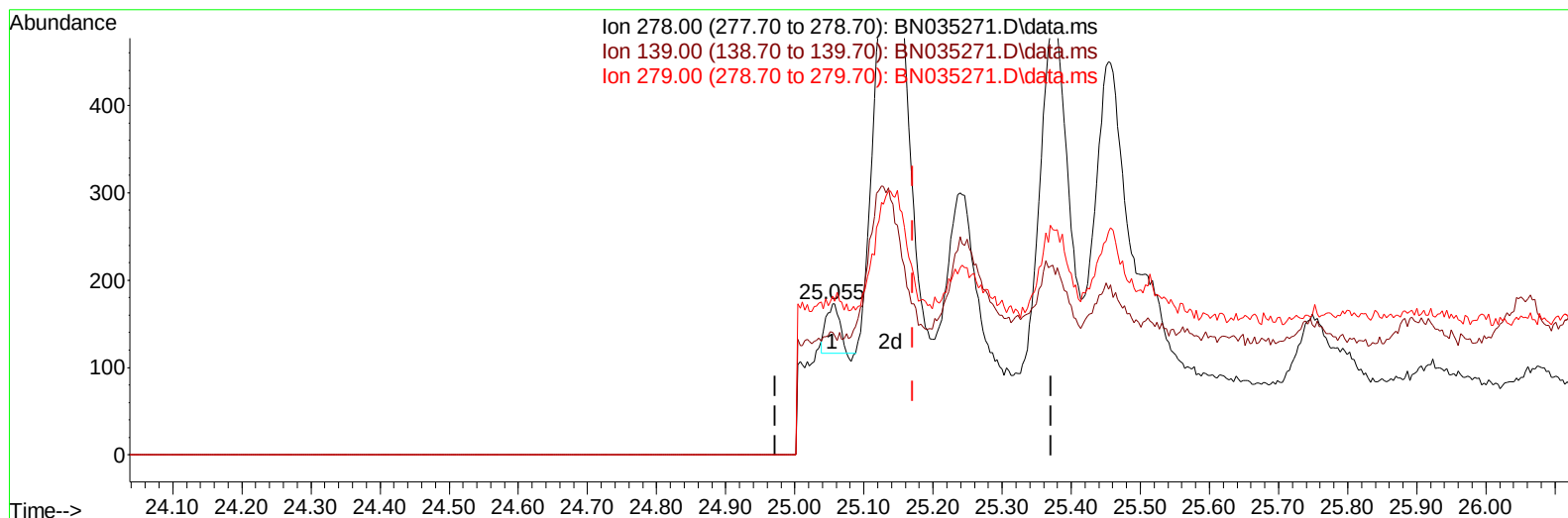
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Data File : BN035271.D
Acq On : 23 Nov 2024 09:59
Operator : RC/JU
Sample : P4872-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29X8

Manual IntegrationsAPPROVED

Quant Time: Nov 25 08:35:41 2024
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QLast Update : Fri Nov 22 12:45:23 2024
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TIC: BN035271.D\data.ms

(28) Dibenzo(a,h)anthracene

25.055min (-0.117) 0.00 ng/u1

response 76

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.40	80.92#
279.00	28.50	105.20#
0.00	0.00	0.00

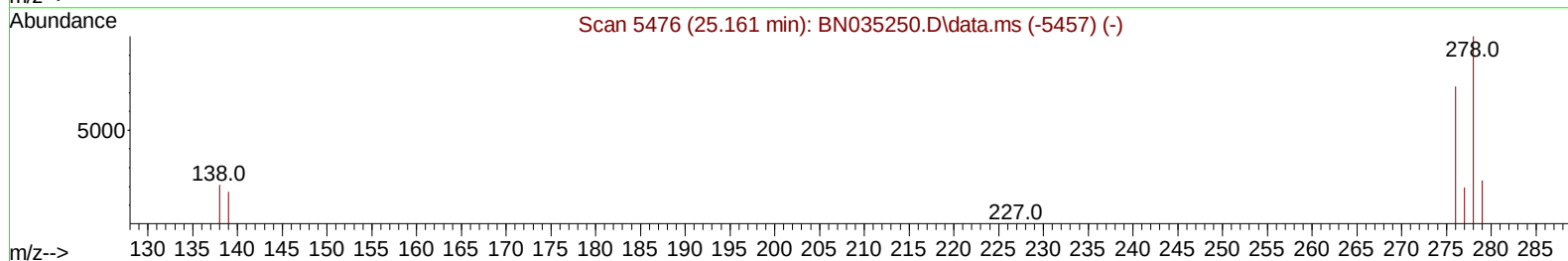
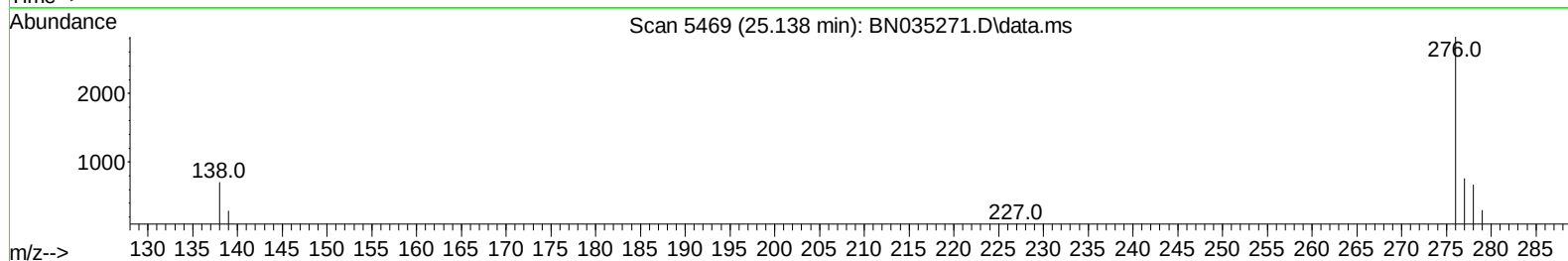
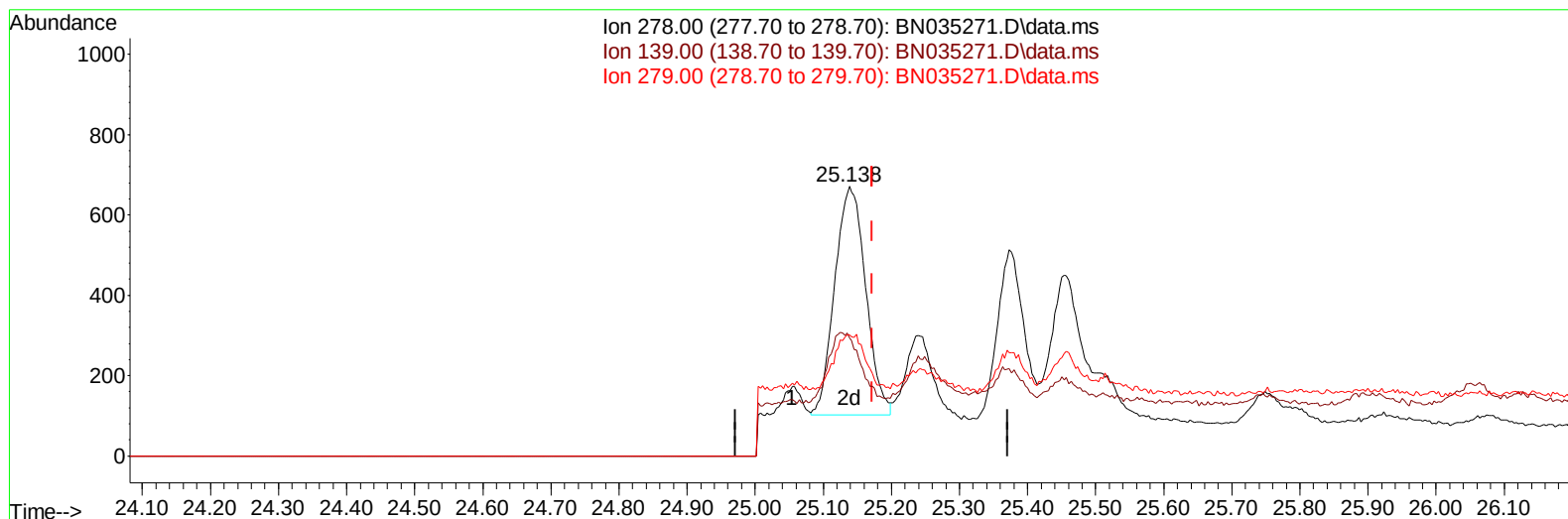
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112224\
 Data File : BN035271.D
 Acq On : 23 Nov 2024 09:59
 Operator : RC/JU
 Sample : P4872-10
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E29X8

Manual IntegrationsAPPROVED

Quant Time: Nov 25 08:35:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
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 QLast Update : Fri Nov 22 12:45:23 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 11/26/2024
 Supervised By :mohammad ahmed 11/27/2024



TIC: BN035271.D\data.ms

(28) Dibenzo(a,h)anthracene

25.138min (-0.033) 0.06 ng/ul m

response 1791

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.40	43.67#
279.00	28.50	45.01#
0.00	0.00	0.00

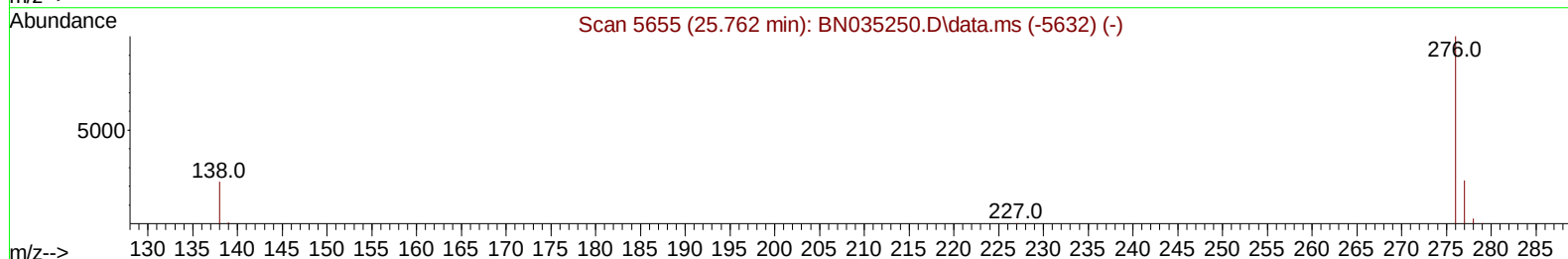
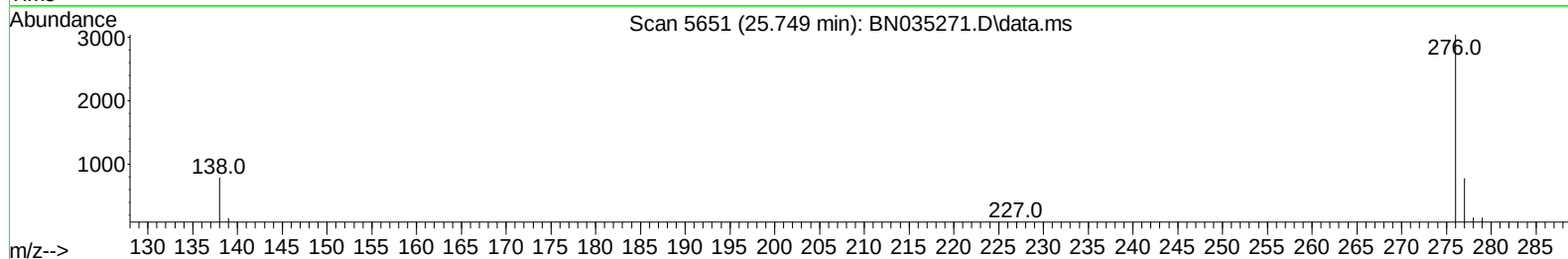
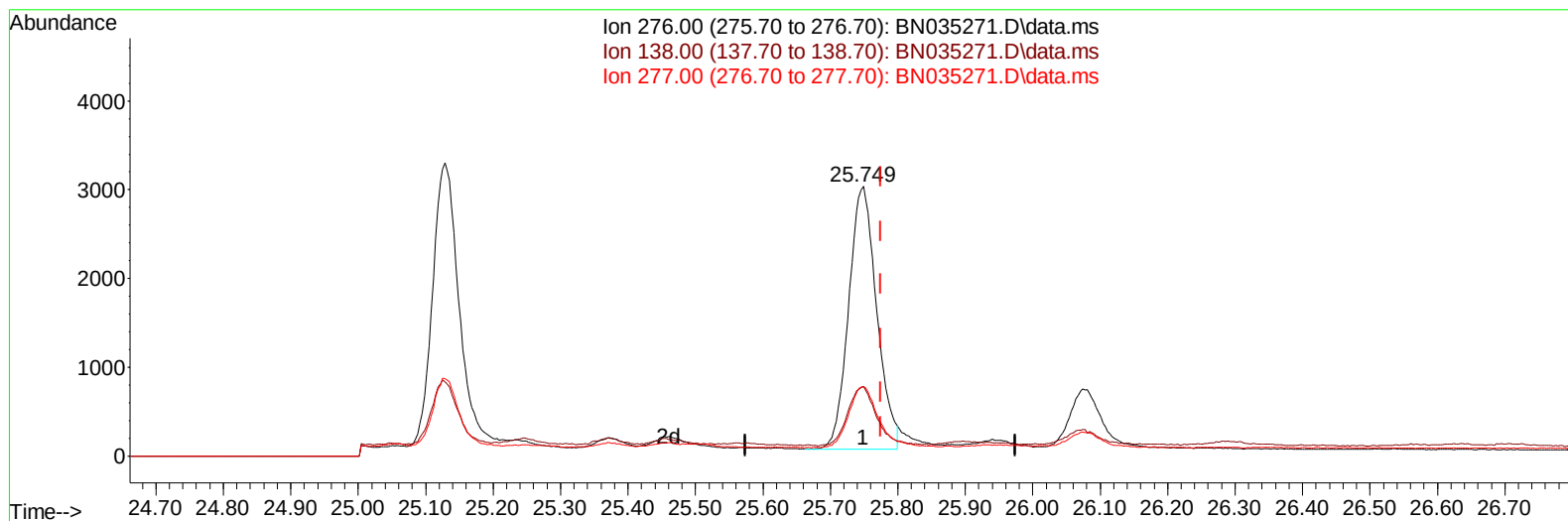
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112224\
Data File : BN035271.D
Acq On : 23 Nov 2024 09:59
Operator : RC/JU
Sample : P4872-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29X8

Manual IntegrationsAPPROVED

Quant Time: Nov 25 08:35:41 2024
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QLast Update : Fri Nov 22 12:45:23 2024
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Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024



TIC: BN035271.D\data.ms

(29) Benzo(g,h,i)perylene

25.749min (-0.026) 0.30 ng/u1

response 8530

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	16.30	25.92#
277.00	25.60	25.66
0.00	0.00	0.00

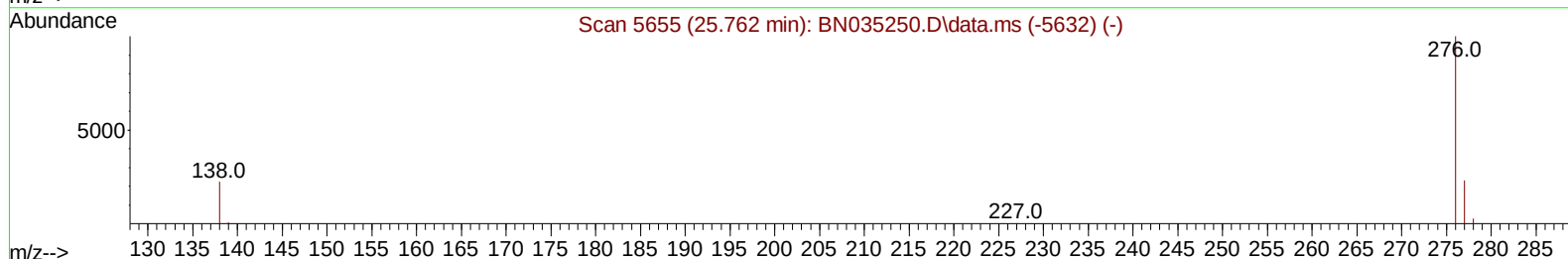
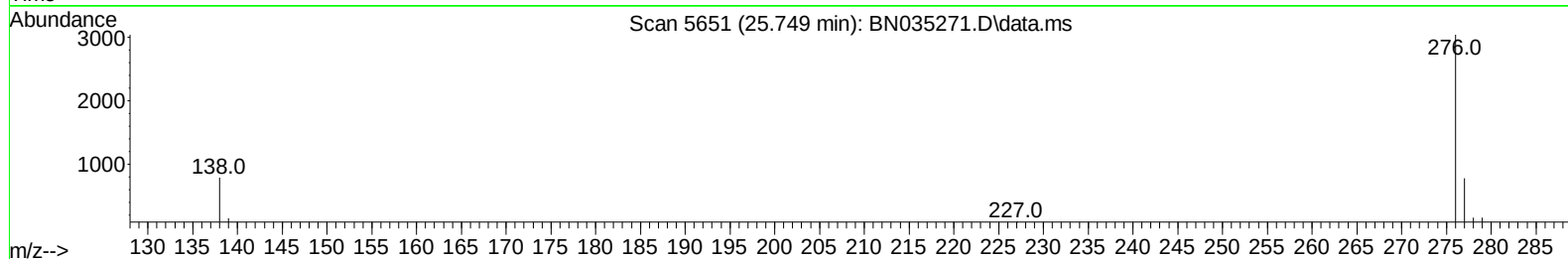
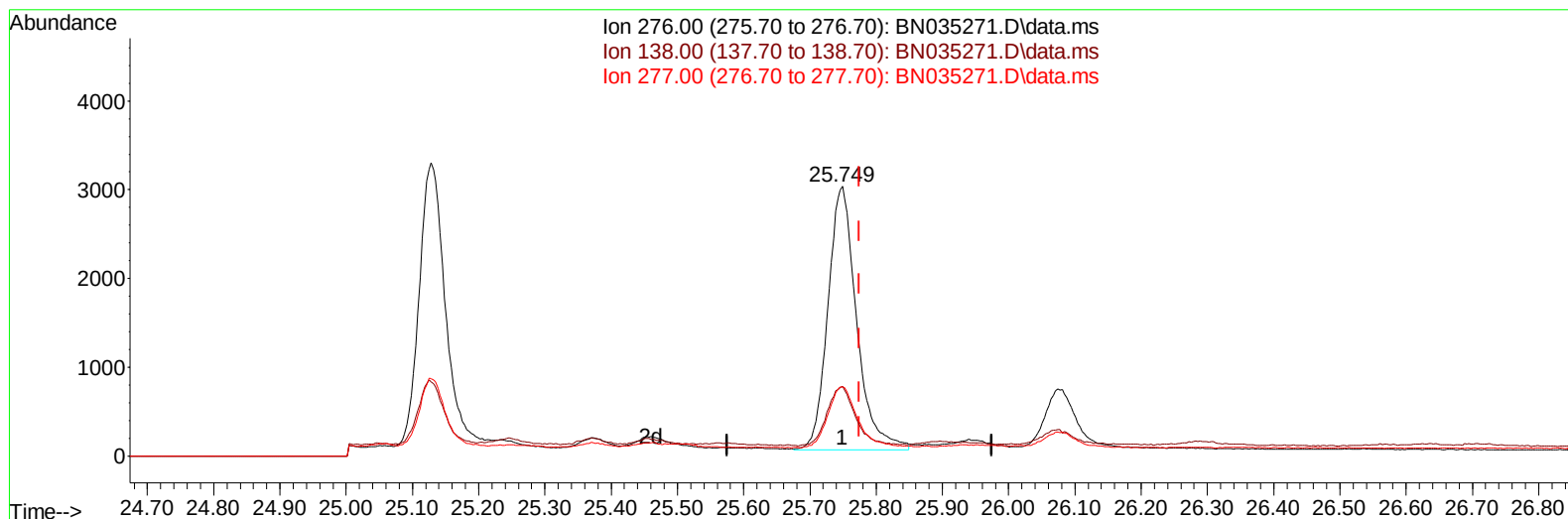
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112224\
Data File : BN035271.D
Acq On : 23 Nov 2024 09:59
Operator : RC/JU
Sample : P4872-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29X8

Manual IntegrationsAPPROVED

Quant Time: Nov 25 08:35:41 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 : Fri Nov 22 12:45:23 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024



TIC: BN035271.D\data.ms

(29) Benzo(g,h,i)perylene

25.749min (-0.026) 0.32 ng/ul m

response 9007

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	16.30	25.92#
277.00	25.60	25.66
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112224\
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Manual IntegrationsAPPROVED

Quant Time: Nov 25 08:35:41 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.318	152		3740	0.400	ng/ul	0.00
4) Naphthalene-d8	10.064	136		10283	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	13.977	164		6478	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.743	188		14864	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.985	240		11403	0.400	ng/ul	# 0.00
23) Perylene-d12	23.083	264		8837m	0.400	ng/ul	-0.02
System Monitoring Compounds							
3) 1,4-Dioxane-d8	2.972	96		8292	2.426	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.670	152		3003	0.199	ng/ul	0.00
18) Fluoranthene-d10	18.796	212		8548	0.272	ng/ul	0.00
Target Compounds							
							Qvalue
10) Acenaphthylene	13.690	152		3833	0.149	ng/ul	96
12) Fluorene	15.041	166		466	0.020	ng/ul#	95
15) Phenanthrene	16.785	178		6848	0.174	ng/ul	99
16) Anthracene	16.878	178		2460	0.067	ng/ul#	93
19) Fluoranthene	18.824	202		45211	1.139	ng/ul#	94
20) Pyrene	19.191	202		43669	1.057	ng/ul#	89
21) Benzo(a)anthracene	20.968	228		16852	0.426	ng/ul	94
22) Chrysene	21.020	228		16599	0.417	ng/ul	98
24) Benzo(b)fluoranthene	22.469	252		19470m	0.667	ng/ul	
25) Benzo(k)fluoranthene	22.507	252		8285m	0.275	ng/ul	
26) Benzo(a)pyrene	22.993	252		14083m	0.528	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.128	276		8772m	0.243	ng/ul	
28) Dibenzo(a,h)anthracene	25.138	278		1791m	0.063	ng/ul	
29) Benzo(g,h,i)perylene	25.749	276		9007m	0.317	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112224\
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ALS Vial : 38 Sample Multiplier: 1

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ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Nov 25 08:35:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN11624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 12:45:23 2024
Response via : Initial Calibration

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