

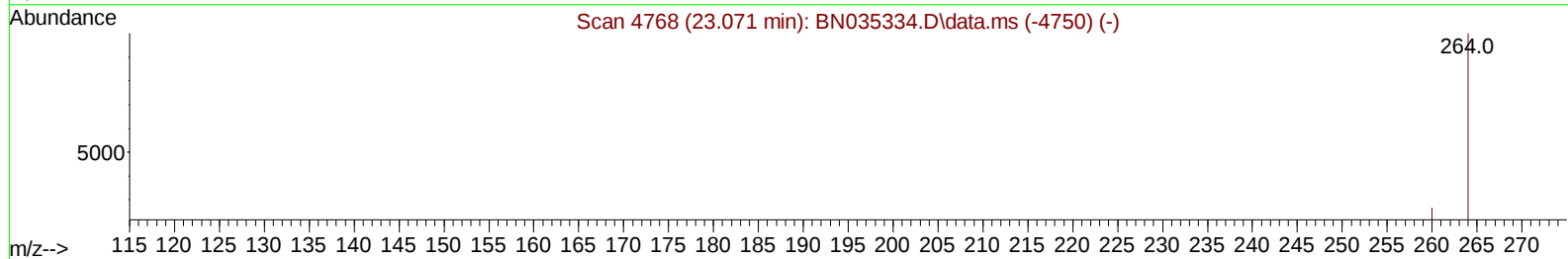
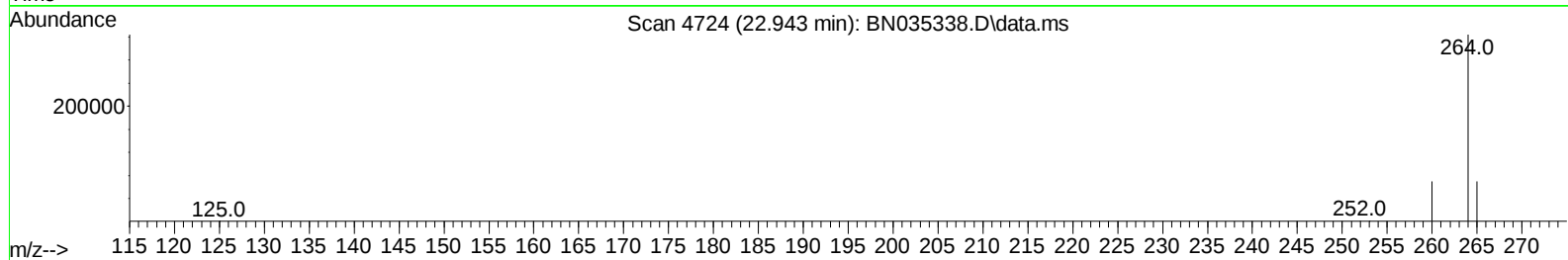
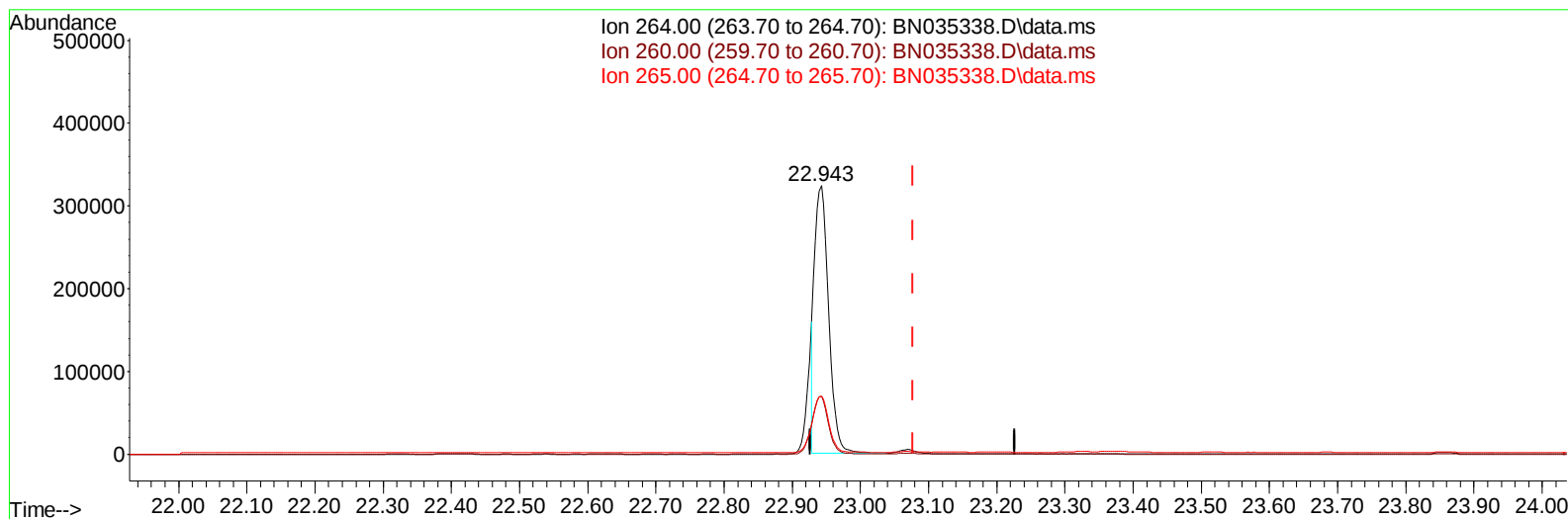
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112624\
Data File : BN035338.D
Acq On : 27 Nov 2024 05:42
Operator : RC/JU
Sample : P4895-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2A12

Manual IntegrationsAPPROVED

Quant Time: Nov 27 06:04:33 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 Nov 26 06:09:15 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 11/27/2024
Supervised By :mohammad ahmed 11/28/2024



TIC: BN035338.D\data.ms

(23) Perylene-d12 (I)

22.943min (-0.134) 0.40 ng/u1

response 465114

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.20	21.51
265.00	75.50	21.69#
0.00	0.00	0.00

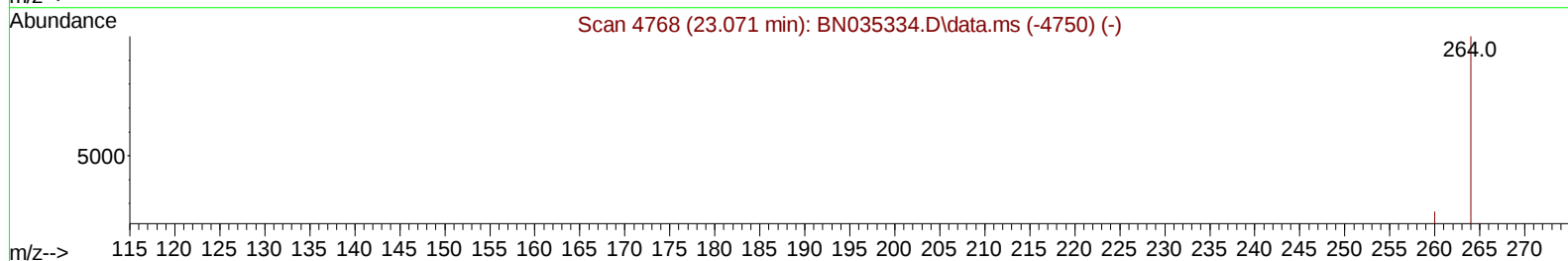
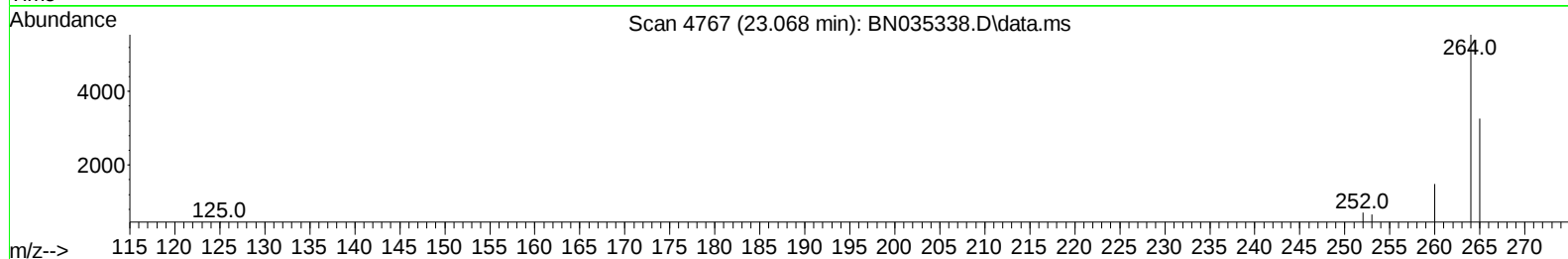
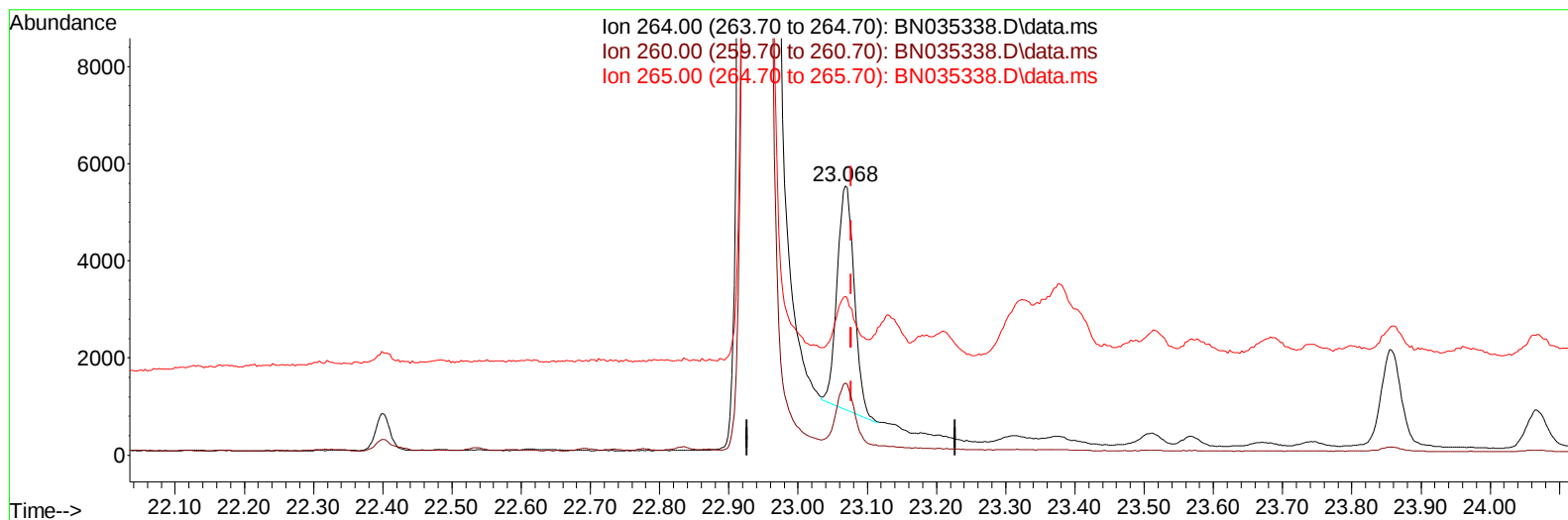
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Data File : BN035338.D
Acq On : 27 Nov 2024 05:42
Operator : RC/JU
Sample : P4895-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2A12

Manual IntegrationsAPPROVED

Quant Time: Nov 27 06:04:33 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 Nov 26 06:09:15 2024
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Reviewed By :Jagrut Upadhyay 11/27/2024
Supervised By :mohammad ahmed 11/28/2024



TIC: BN035338.D\data.ms

(23) Perylene-d12 (I)

23.068min (-0.009) 0.40 ng/ul m

response 7904

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.20	26.70
265.00	75.50	58.96#
0.00	0.00	0.00

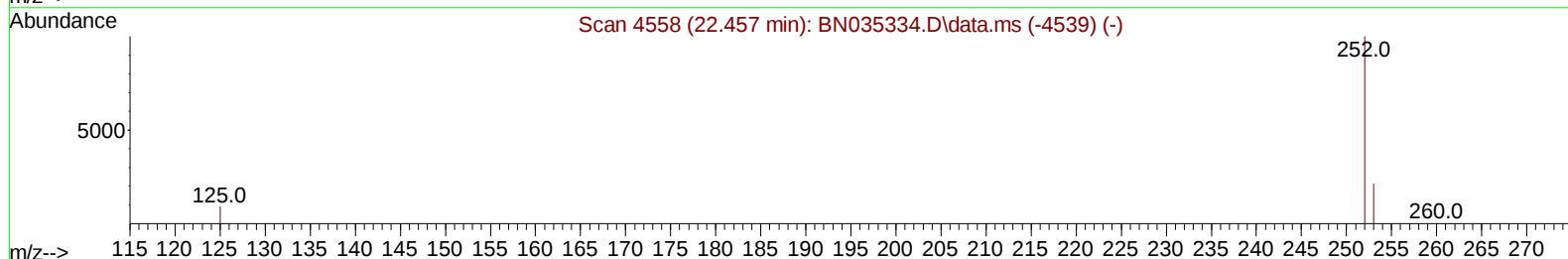
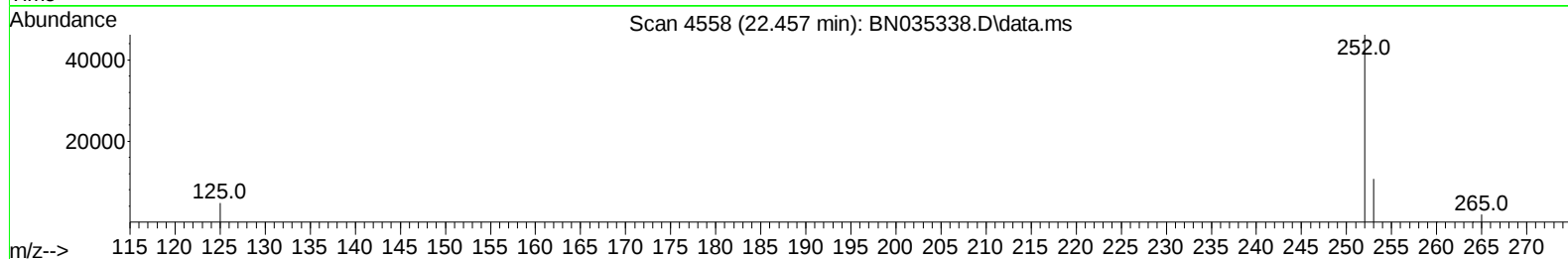
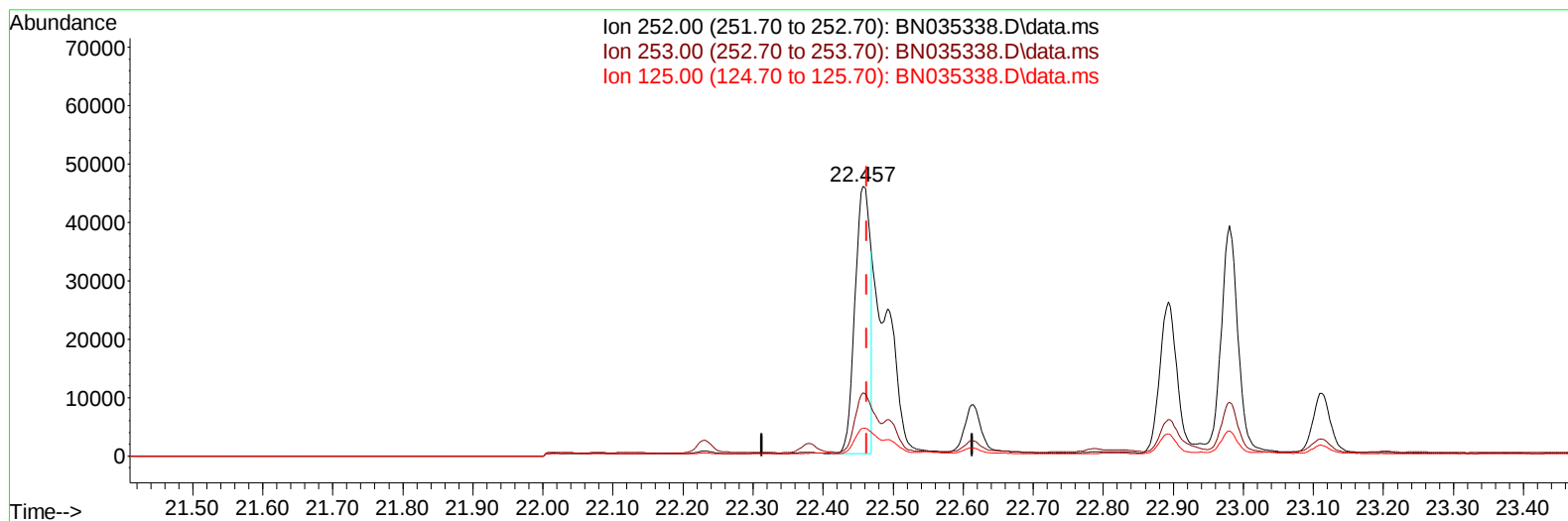
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Data File : BN035338.D
Acq On : 27 Nov 2024 05:42
Operator : RC/JU
Sample : P4895-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2A12

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/27/2024
Supervised By :mohammad ahmed 11/28/2024

Quant Time: Nov 27 06:04:33 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 Nov 26 06:09:15 2024
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TIC: BN035338.D\data.ms

(24) Benzo(b)fluoranthene

22.457min (-0.006) 2.65 ng/u1

response 69328

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	23.39
125.00	9.70	10.33
0.00	0.00	0.00

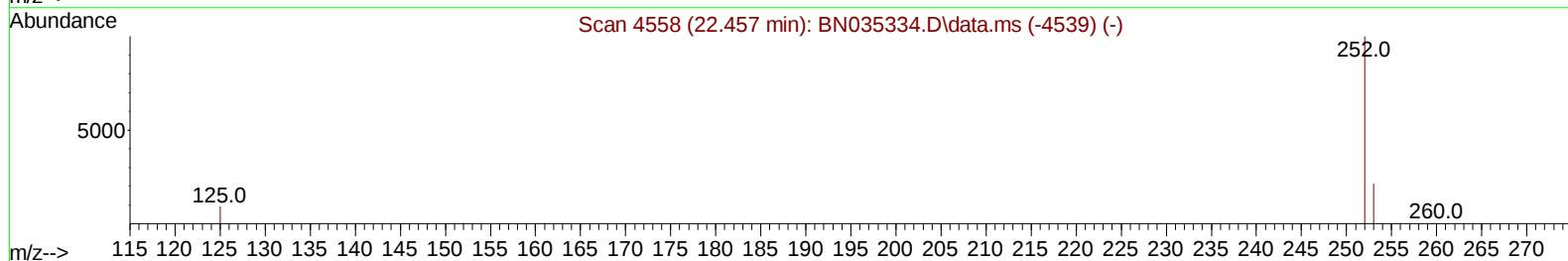
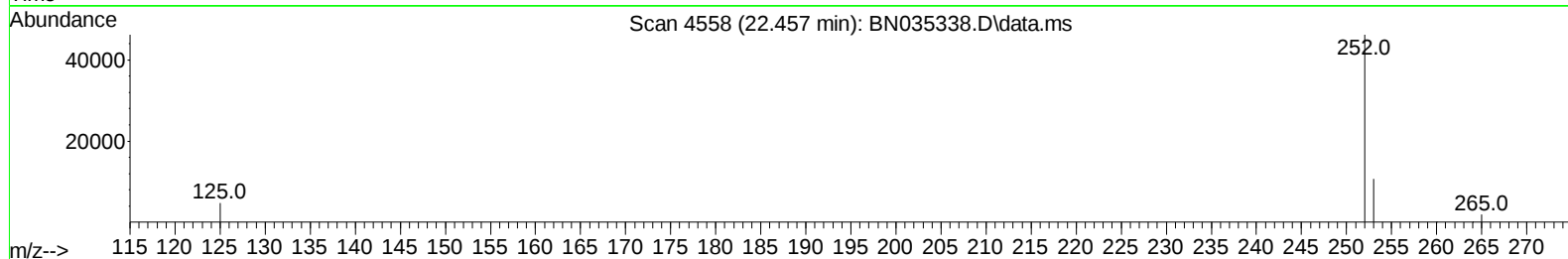
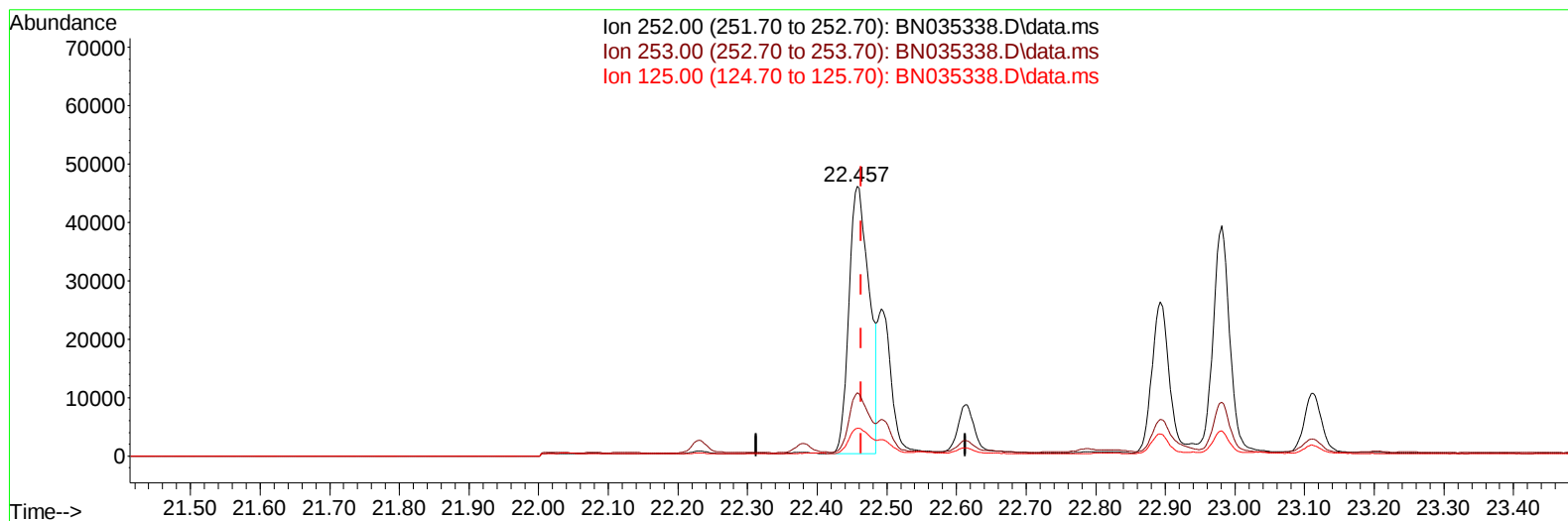
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112624\
Data File : BN035338.D
Acq On : 27 Nov 2024 05:42
Operator : RC/JU
Sample : P4895-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2A12

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/27/2024
Supervised By :mohammad ahmed 11/28/2024

Quant Time: Nov 27 06:04:33 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 Nov 26 06:09:15 2024
Response via : Initial Calibration



TIC: BN035338.D\data.ms

(24) Benzo(b)fluoranthene

22.457min (-0.006) 3.53 ng/u1 m

response 92121

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	23.39
125.00	9.70	10.33
0.00	0.00	0.00

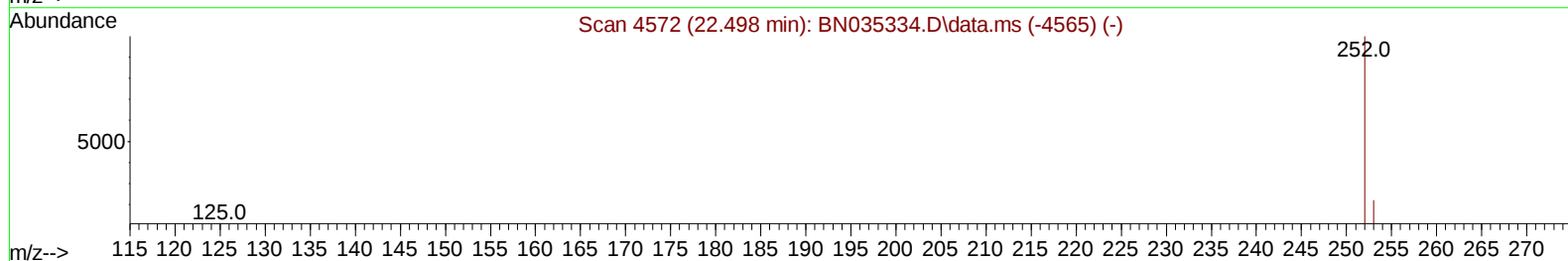
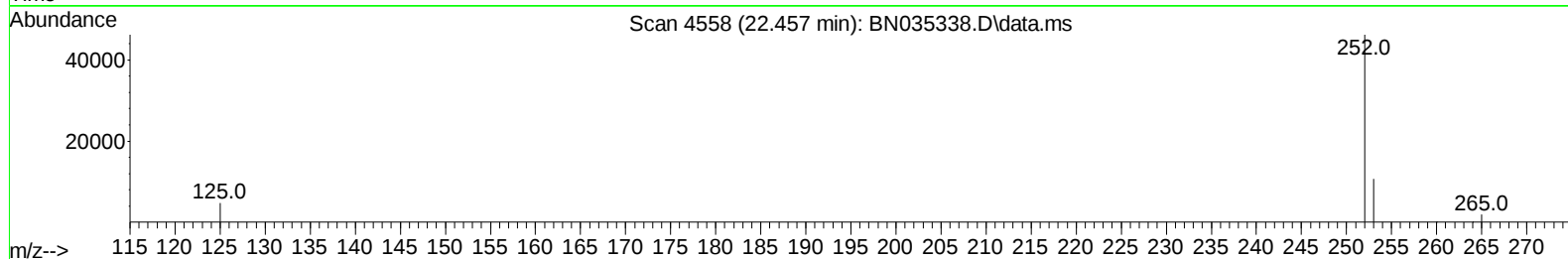
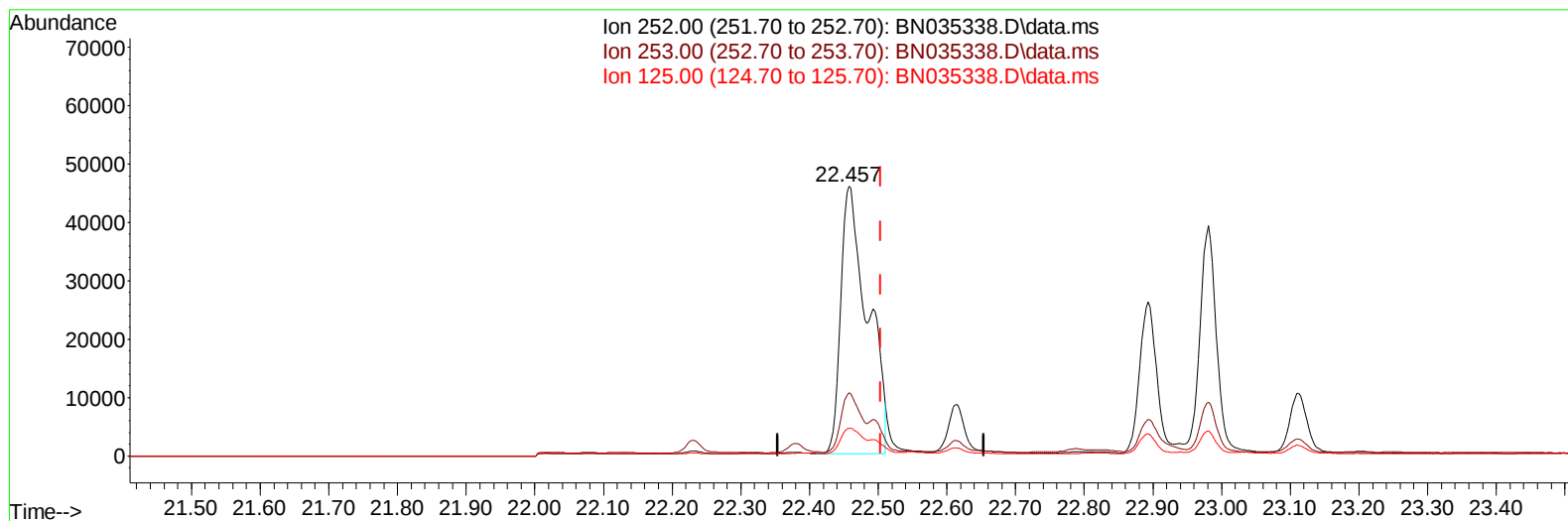
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112624\
 Data File : BN035338.D
 Acq On : 27 Nov 2024 05:42
 Operator : RC/JU
 Sample : P4895-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E2A12

Manual IntegrationsAPPROVED

Quant Time: Nov 27 06:04:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
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 QLast Update : Tue Nov 26 06:09:15 2024
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Reviewed By :Jagrut Upadhyay 11/27/2024
 Supervised By :mohammad ahmed 11/28/2024



TIC: BN035338.D\data.ms

(25) Benzo(k)fluoranthene

22.457min (-0.047) 4.56 ng/u1

response 122852

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	23.39
125.00	10.70	10.33
0.00	0.00	0.00

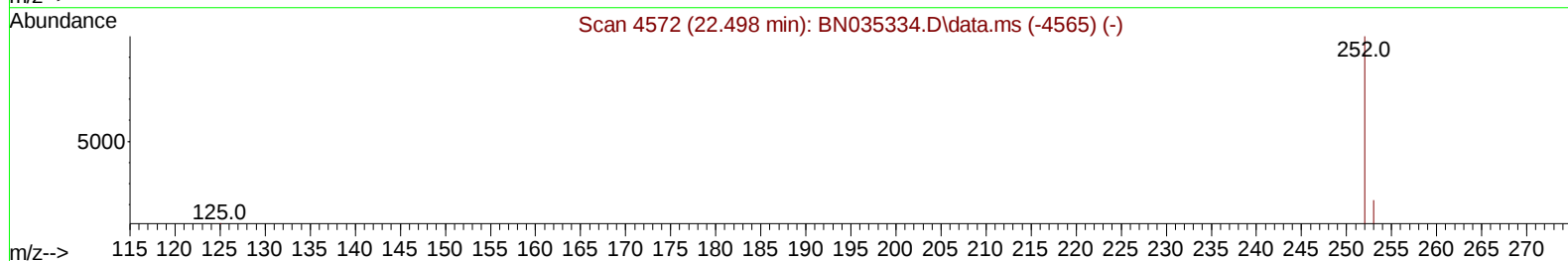
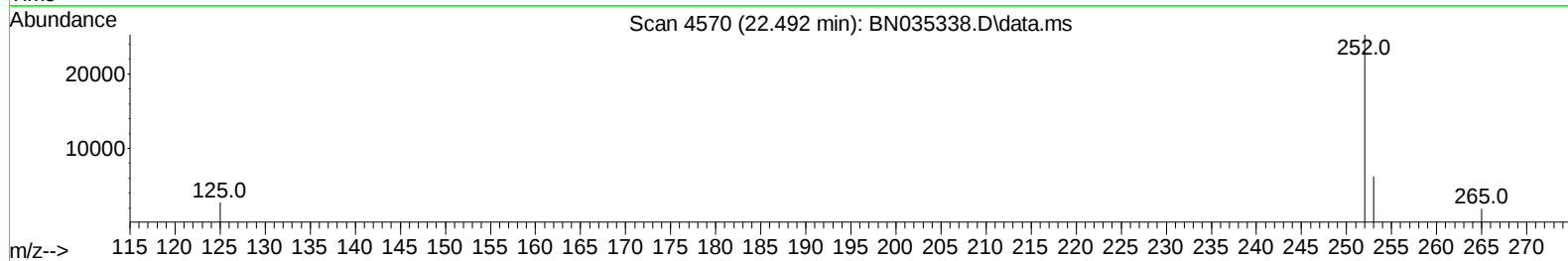
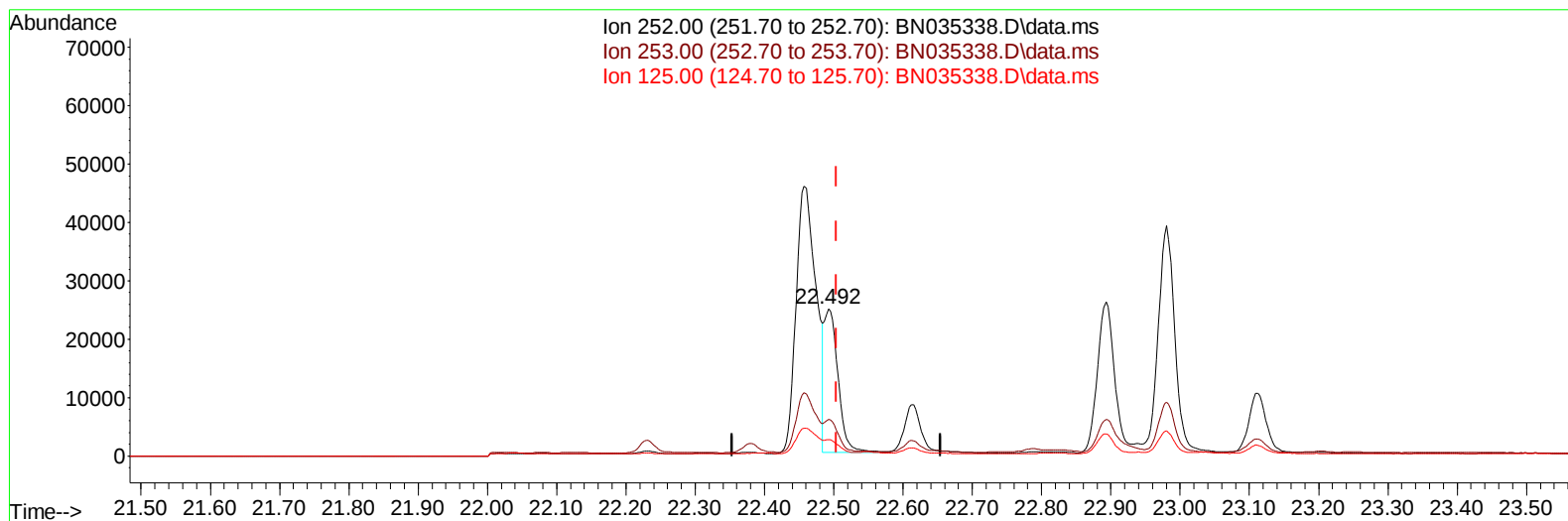
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Data File : BN035338.D
Acq On : 27 Nov 2024 05:42
Operator : RC/JU
Sample : P4895-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2A12

Manual IntegrationsAPPROVED

Quant Time: Nov 27 06:04:33 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 Nov 26 06:09:15 2024
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Reviewed By :Jagrut Upadhyay 11/27/2024
Supervised By :mohammad ahmed 11/28/2024



TIC: BN035338.D\data.ms

(25) Benzo(k)fluoranthene

22.492min (-0.012) 1.27 ng/u1 m

response 34182

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	24.77
125.00	10.70	10.92
0.00	0.00	0.00

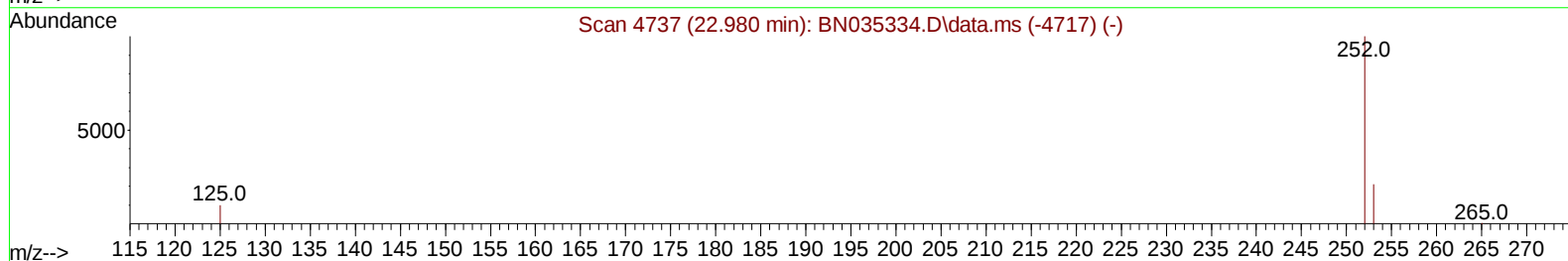
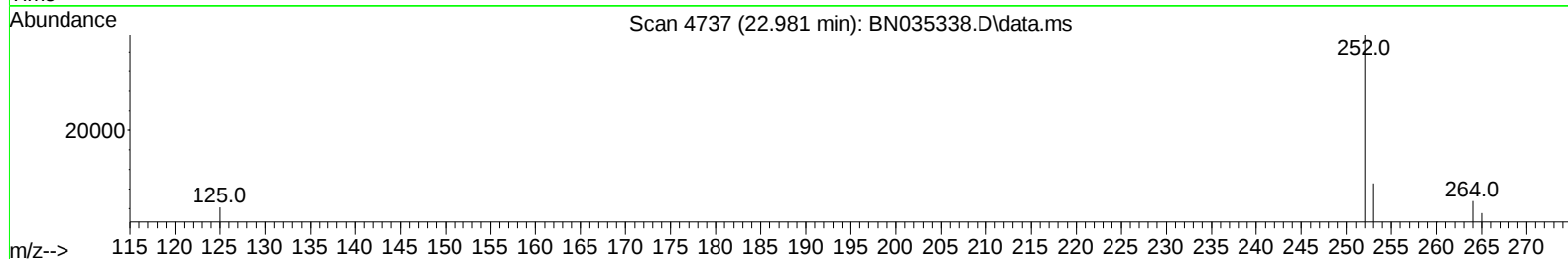
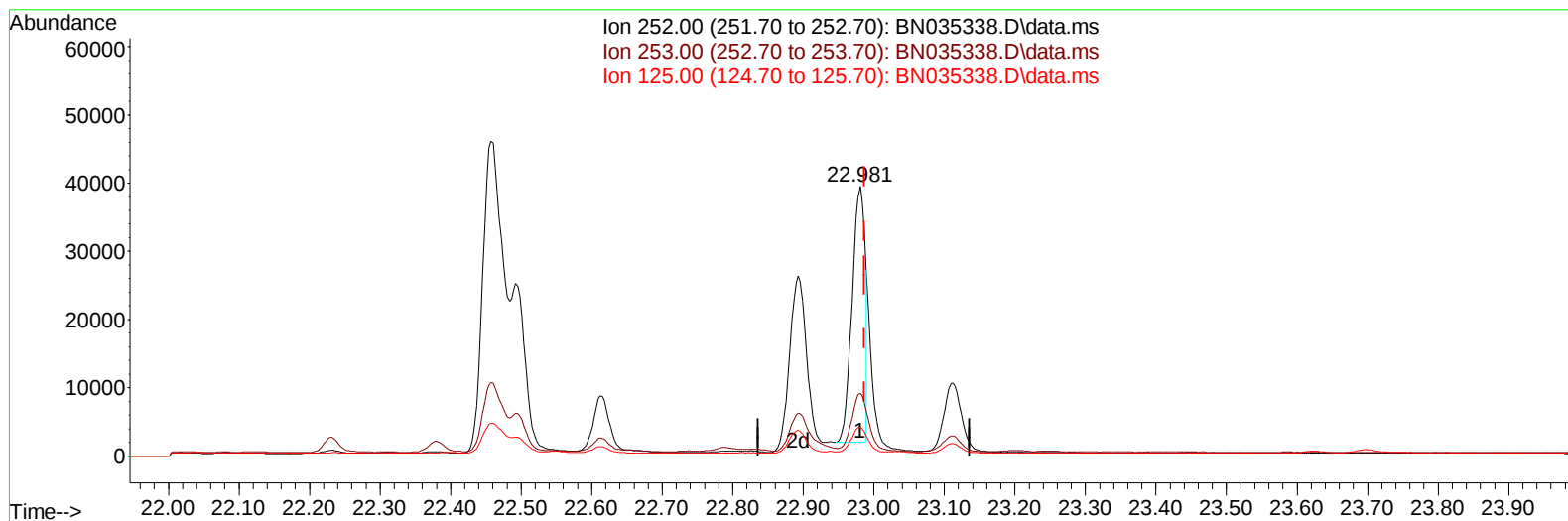
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112624\
 Data File : BN035338.D
 Acq On : 27 Nov 2024 05:42
 Operator : RC/JU
 Sample : P4895-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E2A12

Manual IntegrationsAPPROVED

Quant Time: Nov 27 06:04:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
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 QLast Update : Tue Nov 26 06:09:15 2024
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Reviewed By :Jagrut Upadhyay 11/27/2024
 Supervised By :mohammad ahmed 11/28/2024



TIC: BN035338.D\data.ms

(26) Benzo(a)pyrene (C)

22.981min (-0.006) 2.05 ng/u1

response 48901

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.60	23.27
125.00	11.80	10.84
0.00	0.00	0.00

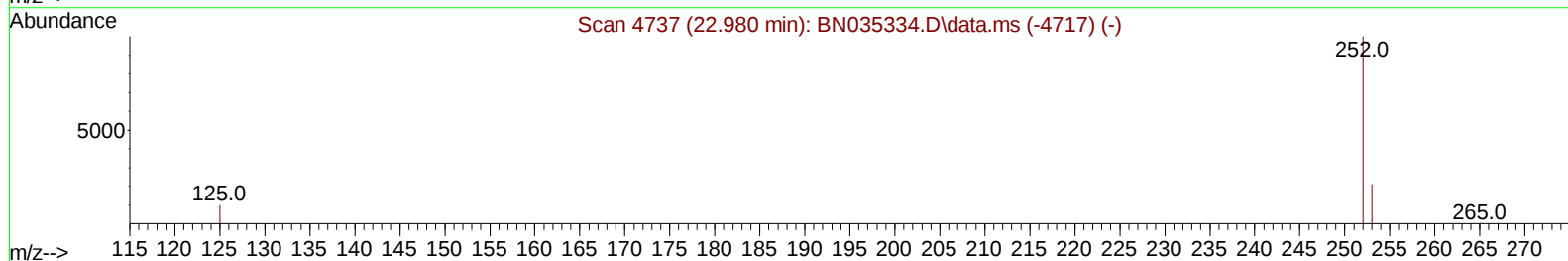
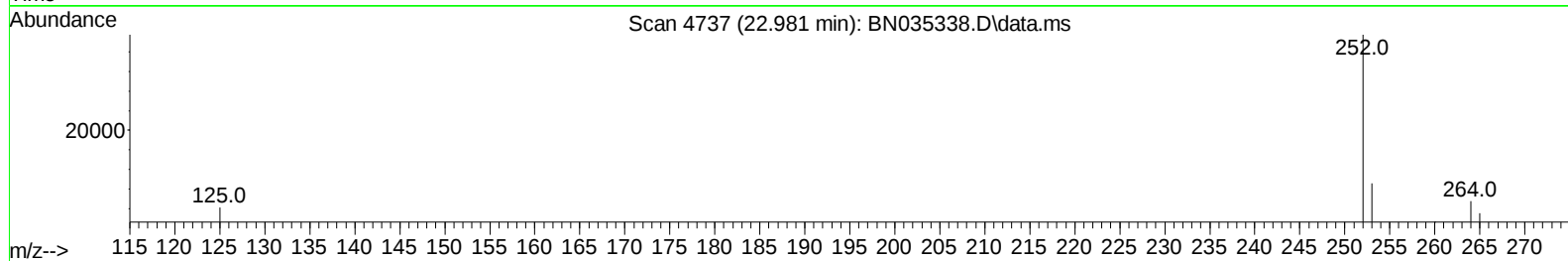
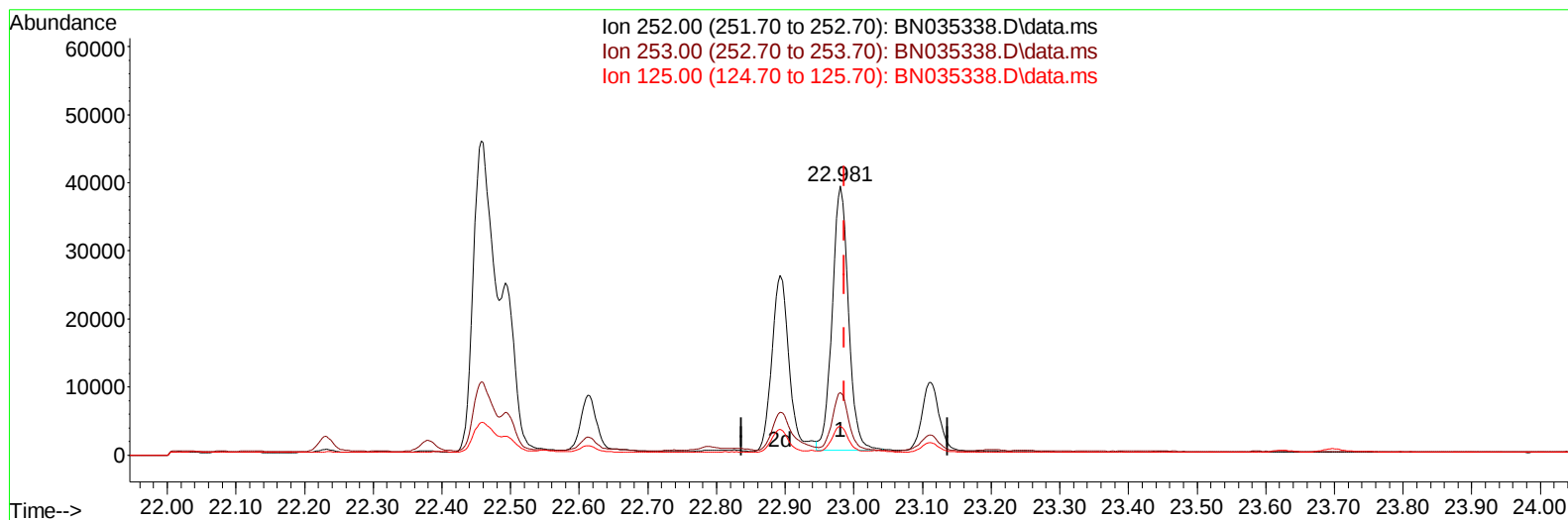
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112624\
Data File : BN035338.D
Acq On : 27 Nov 2024 05:42
Operator : RC/JU
Sample : P4895-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2A12

Manual IntegrationsAPPROVED

Quant Time: Nov 27 06:04:33 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 Nov 26 06:09:15 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 11/27/2024
Supervised By :mohammad ahmed 11/28/2024



TIC: BN035338.D\data.ms

(26) Benzo(a)pyrene (C)

22.981min (-0.006) 2.68 ng/u1 m

response 64014

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.60	23.27
125.00	11.80	10.84
0.00	0.00	0.00

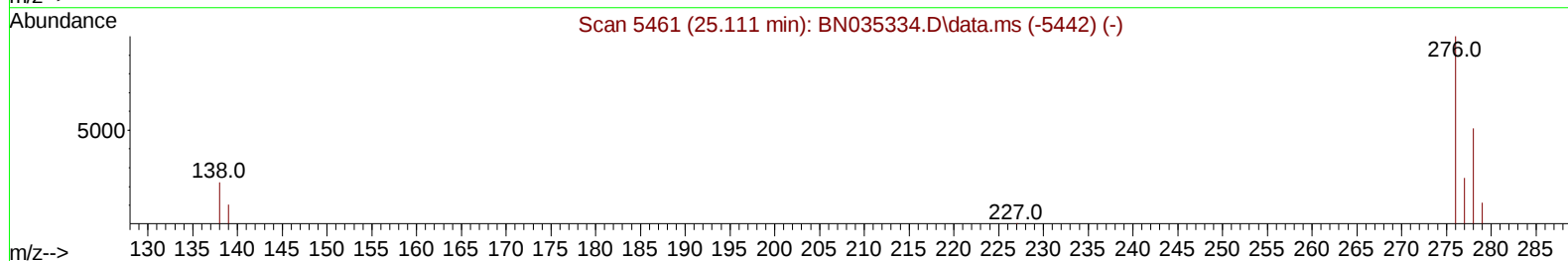
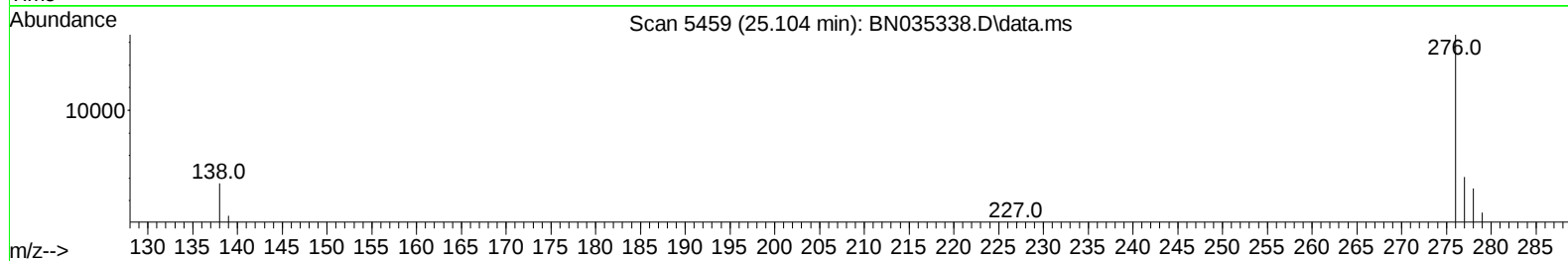
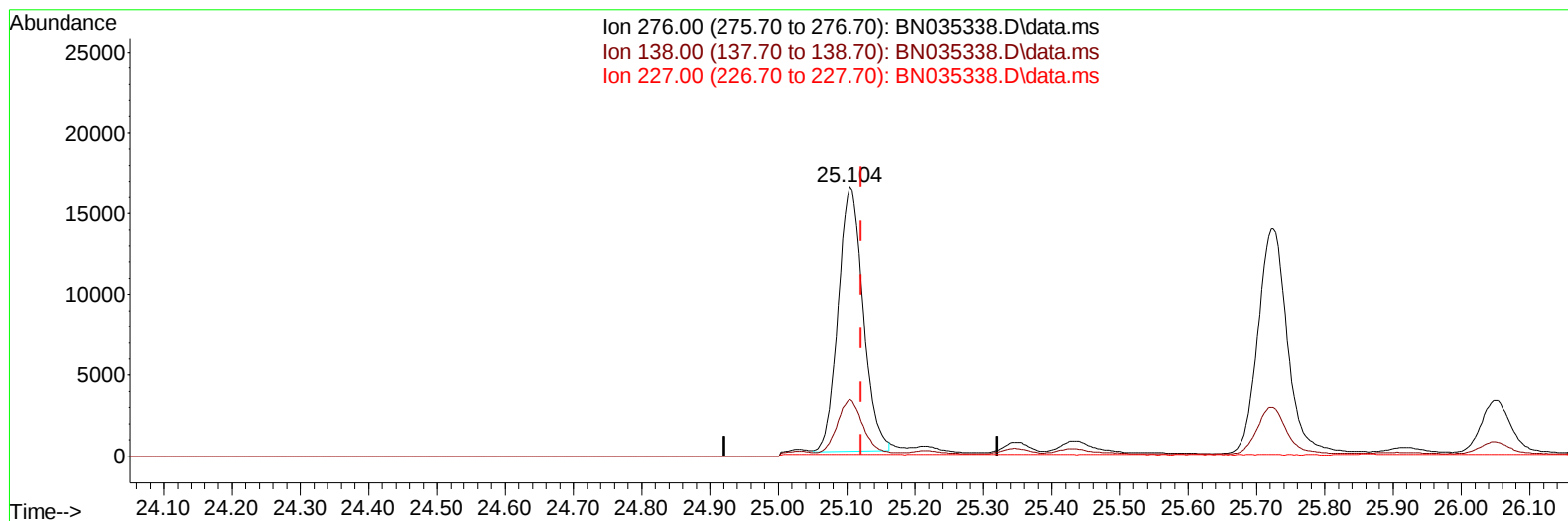
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112624\
Data File : BN035338.D
Acq On : 27 Nov 2024 05:42
Operator : RC/JU
Sample : P4895-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2A12

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/27/2024
Supervised By :mohammad ahmed 11/28/2024

Quant Time: Nov 27 06:04:33 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 Nov 26 06:09:15 2024
Response via : Initial Calibration



TIC: BN035338.D\data.ms

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

25.104min (-0.017) 1.29 ng/u1

response 41587

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.30	20.94#
227.00	0.30	2.17#
0.00	0.00	0.00

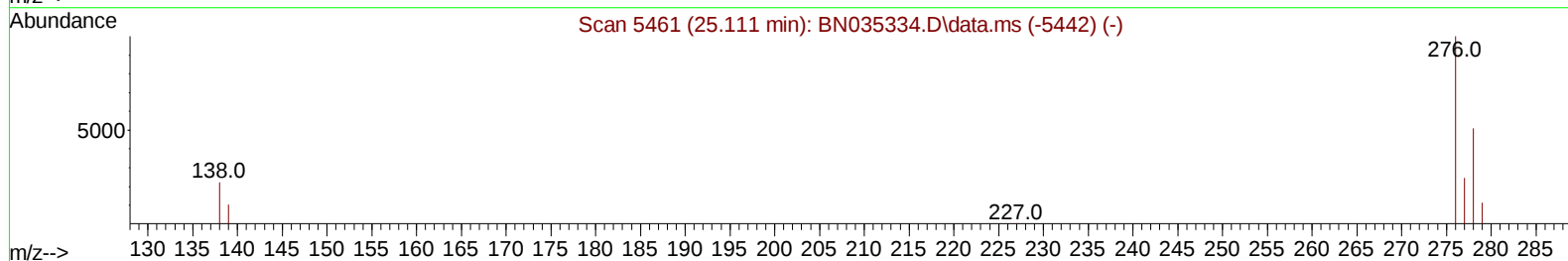
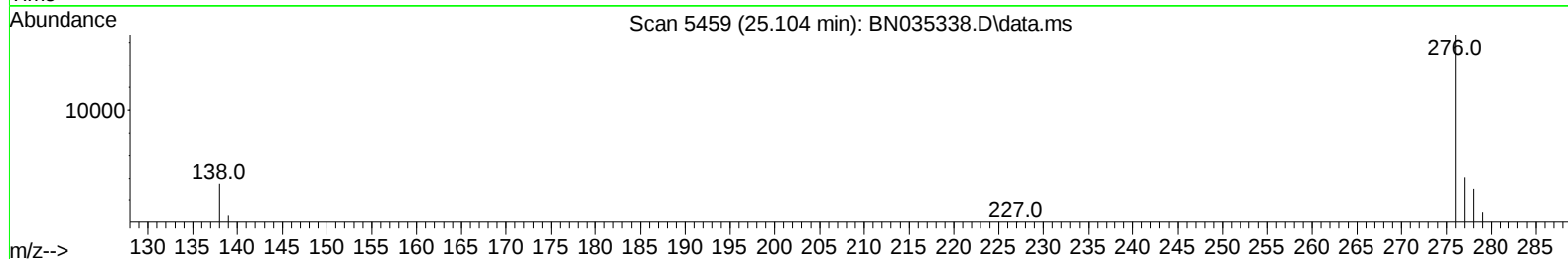
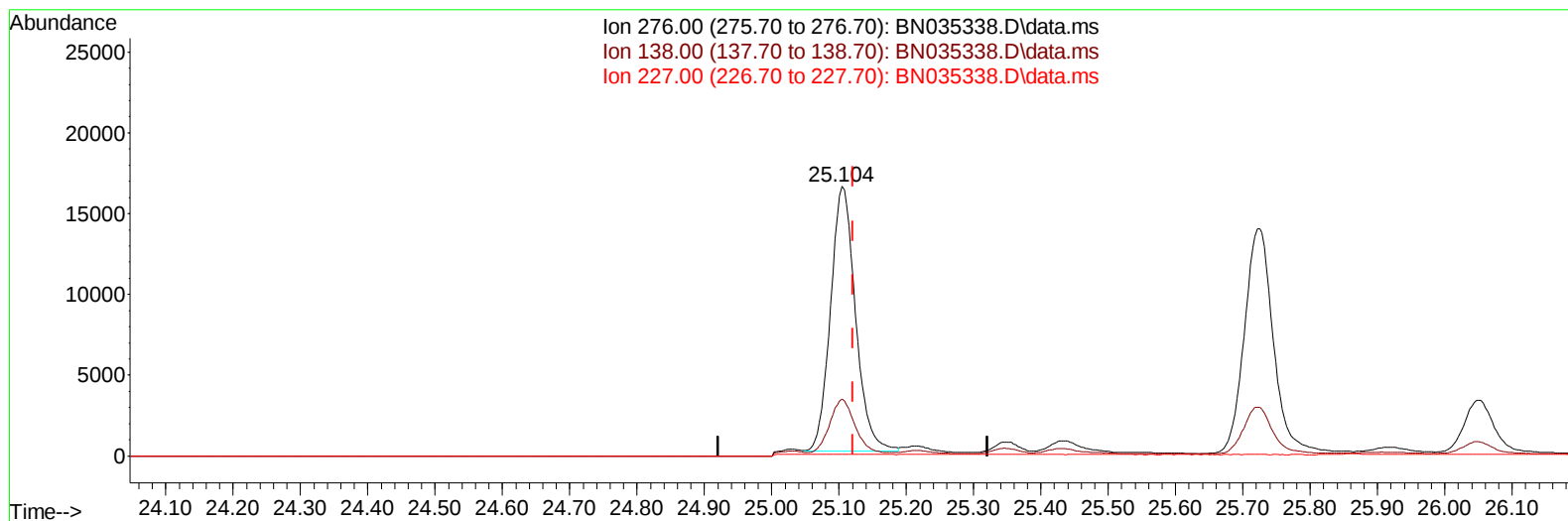
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Data File : BN035338.D
Acq On : 27 Nov 2024 05:42
Operator : RC/JU
Sample : P4895-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2A12

Manual IntegrationsAPPROVED

Quant Time: Nov 27 06:04:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
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QLast Update : Tue Nov 26 06:09:15 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 11/27/2024
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TIC: BN035338.D\data.ms

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

25.104min (-0.017) 1.31 ng/ul m

response 42187

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.30	20.64
227.00	0.30	2.14#
0.00	0.00	0.00

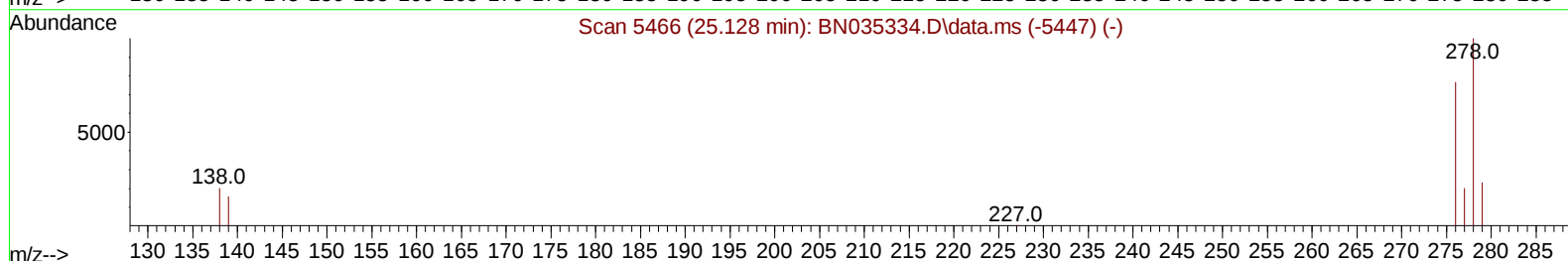
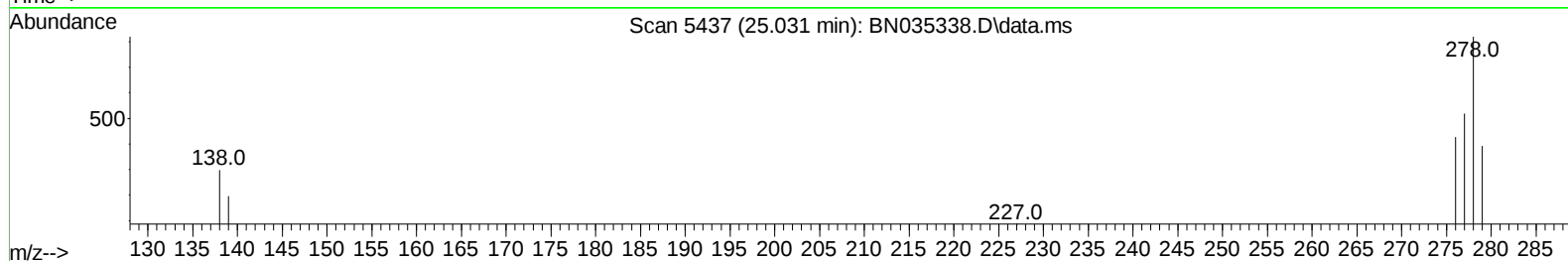
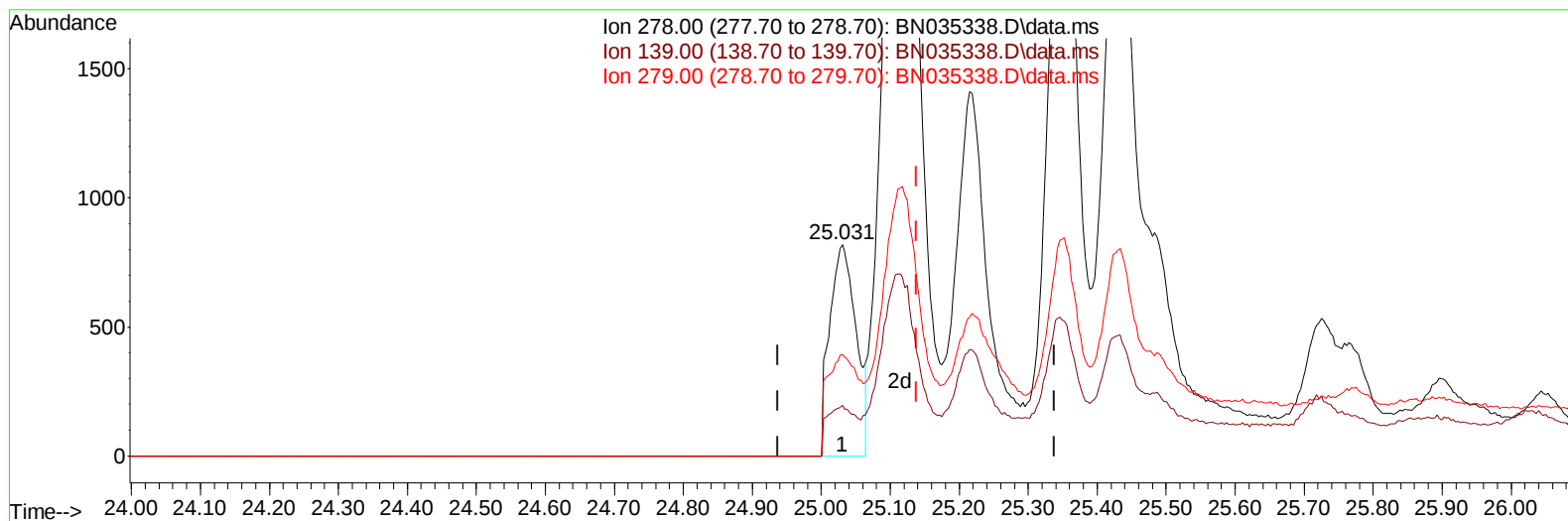
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112624\
Data File : BN035338.D
Acq On : 27 Nov 2024 05:42
Operator : RC/JU
Sample : P4895-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2A12

Manual IntegrationsAPPROVED

Quant Time: Nov 27 06:04:33 2024
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TIC: BN035338.D\data.ms

(28) Dibenzo(a,h)anthracene

25.031min (-0.107) 0.09 ng/u1

response 2150

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.40	23.93#
279.00	28.50	47.86#
0.00	0.00	0.00

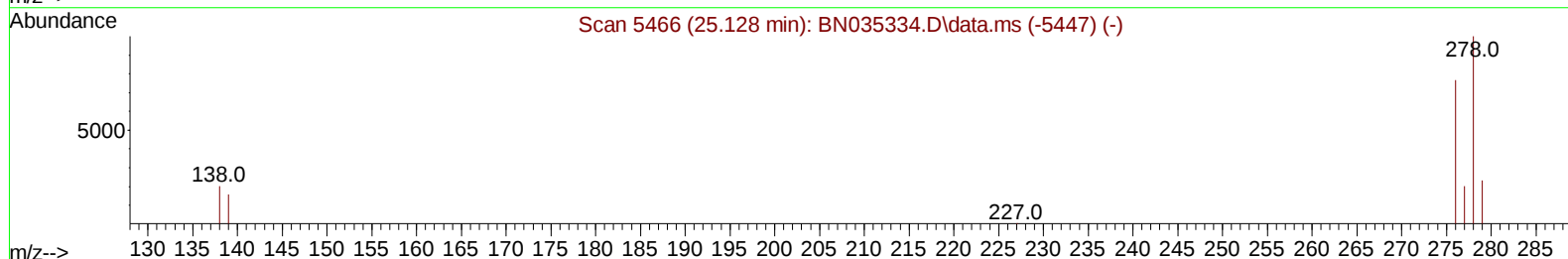
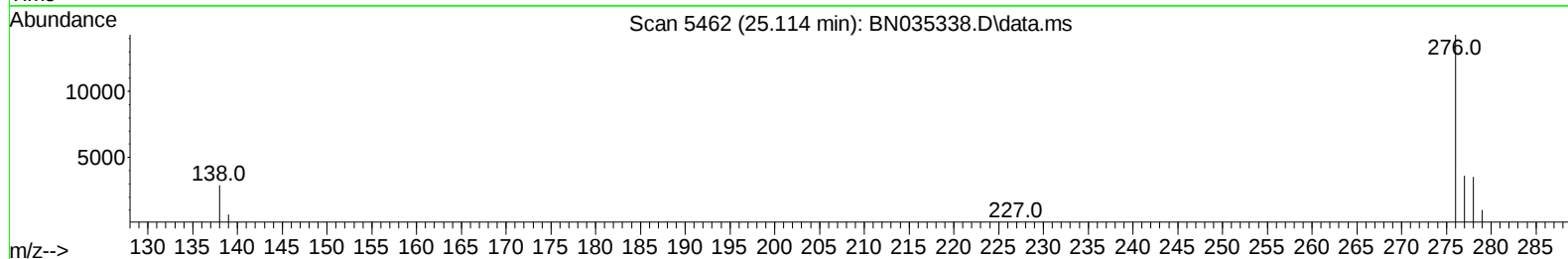
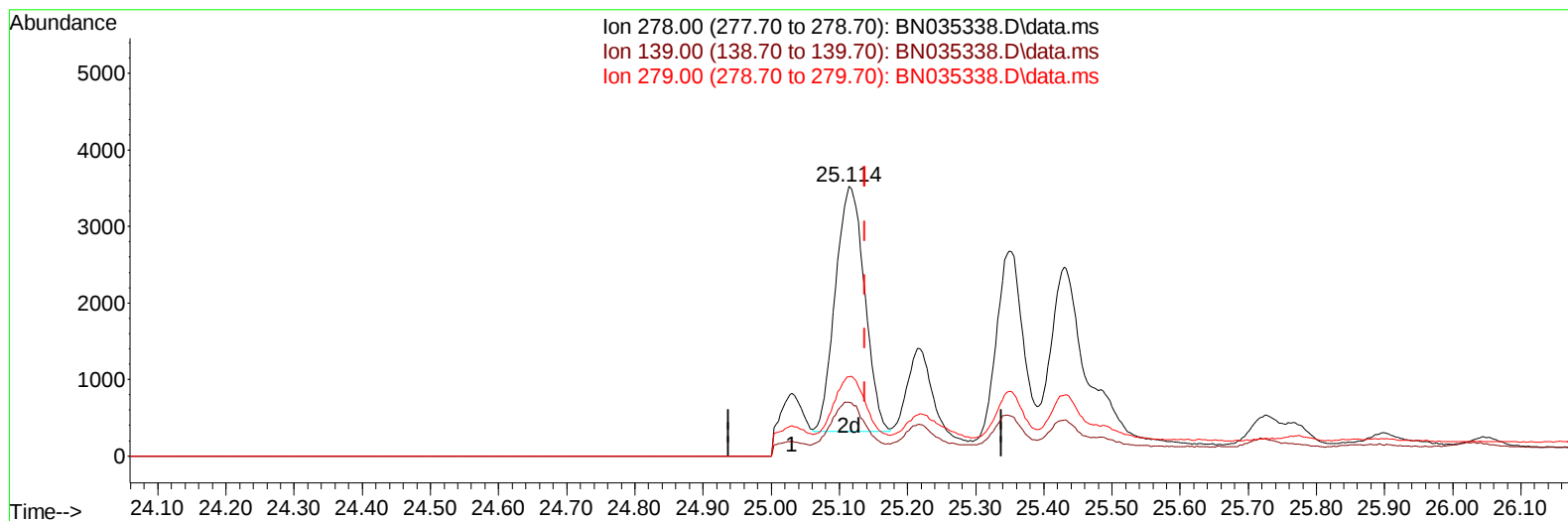
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112624\
Data File : BN035338.D
Acq On : 27 Nov 2024 05:42
Operator : RC/JU
Sample : P4895-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2A12

Manual IntegrationsAPPROVED

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Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 11/27/2024
Supervised By :mohammad ahmed 11/28/2024



TIC: BN035338.D\data.ms

(28) Dibenzo(a,h)anthracene

25.114min (-0.023) 0.38 ng/ul m

response 9541

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.40	20.02#
279.00	28.50	29.44
0.00	0.00	0.00

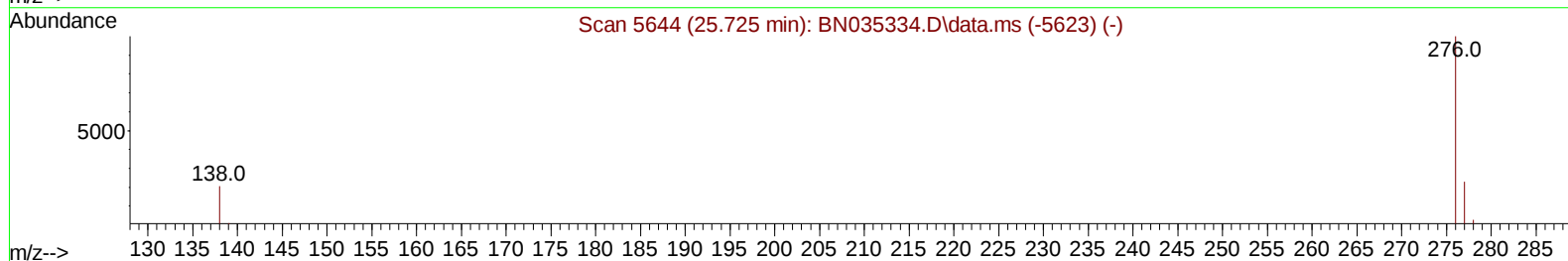
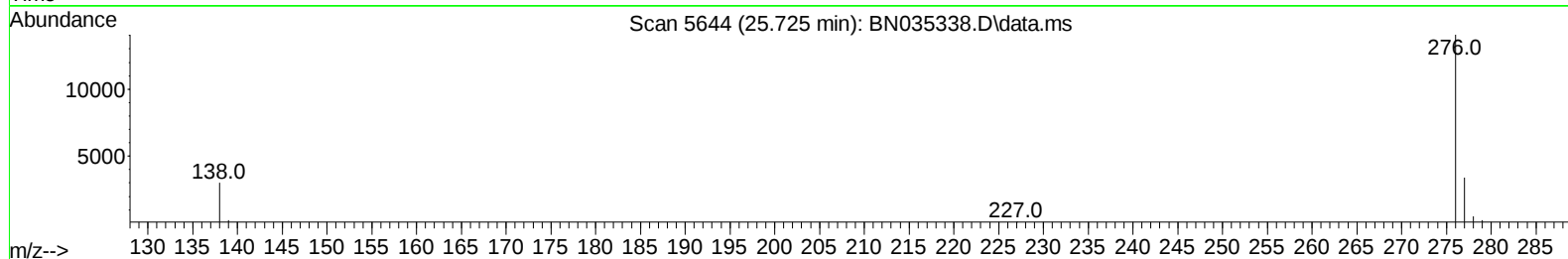
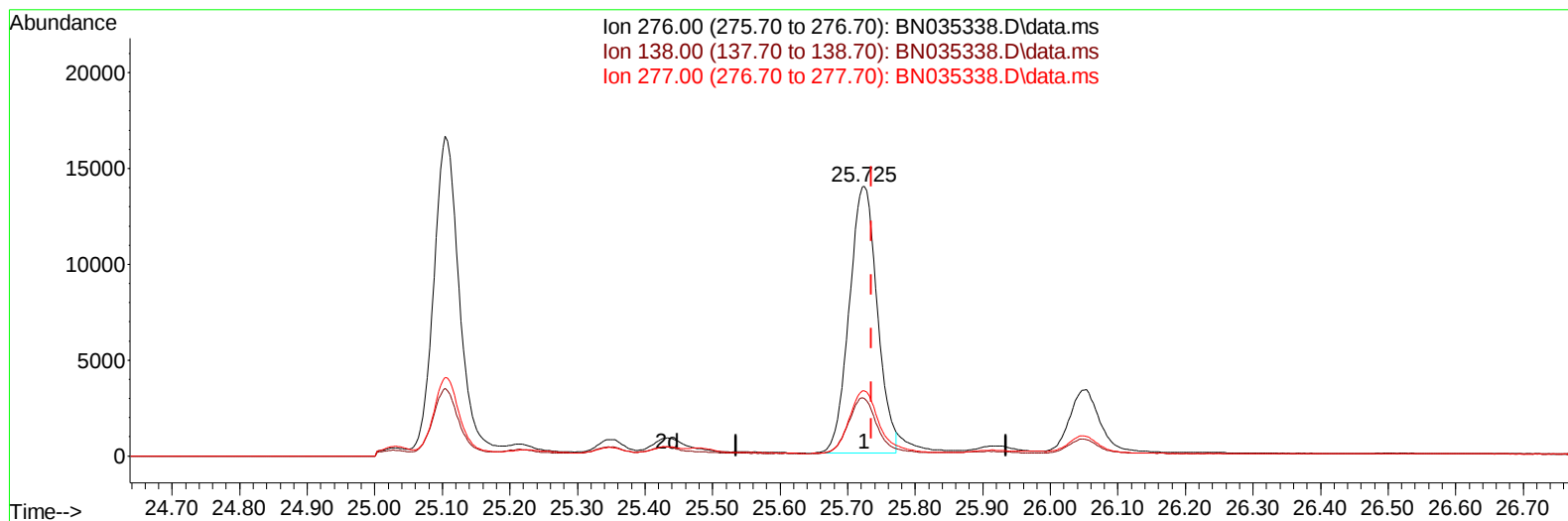
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112624\
 Data File : BN035338.D
 Acq On : 27 Nov 2024 05:42
 Operator : RC/JU
 Sample : P4895-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E2A12

Manual IntegrationsAPPROVED

Quant Time: Nov 27 06:04:33 2024
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 Supervised By :mohammad ahmed 11/28/2024



TIC: BN035338.D\data.ms

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

25.725min (-0.010) 1.58 ng/u1

response 40156

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	16.30	21.43#
277.00	25.60	24.27
0.00	0.00	0.00

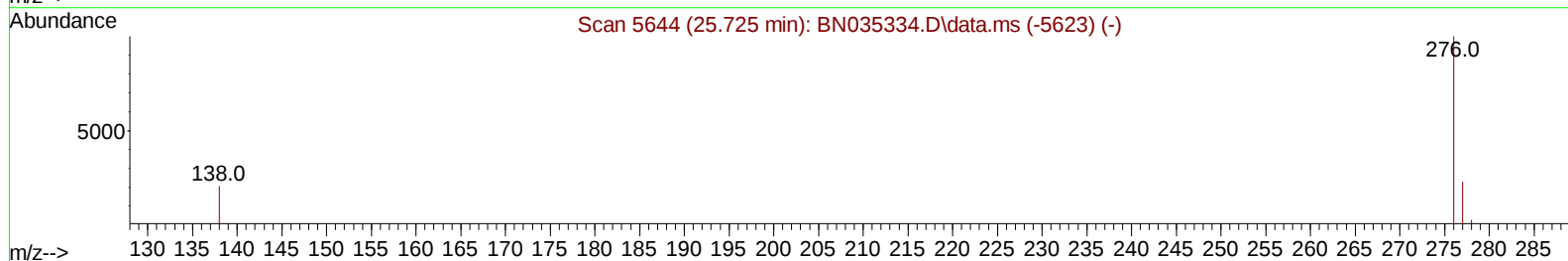
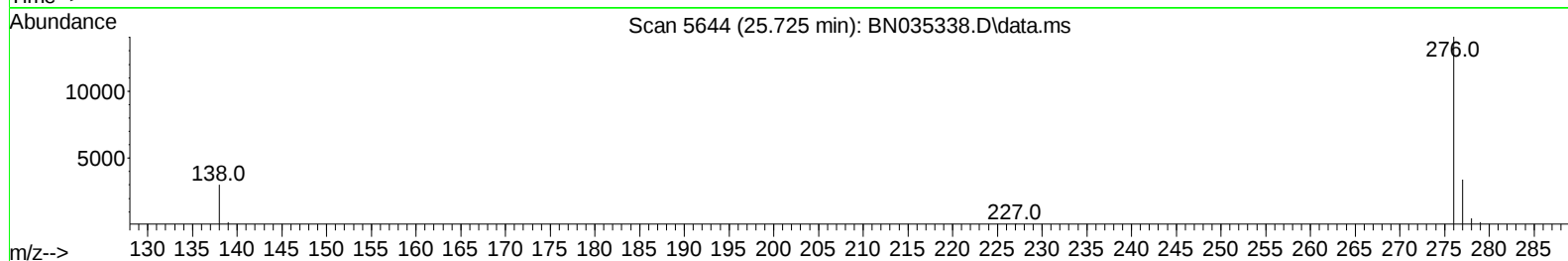
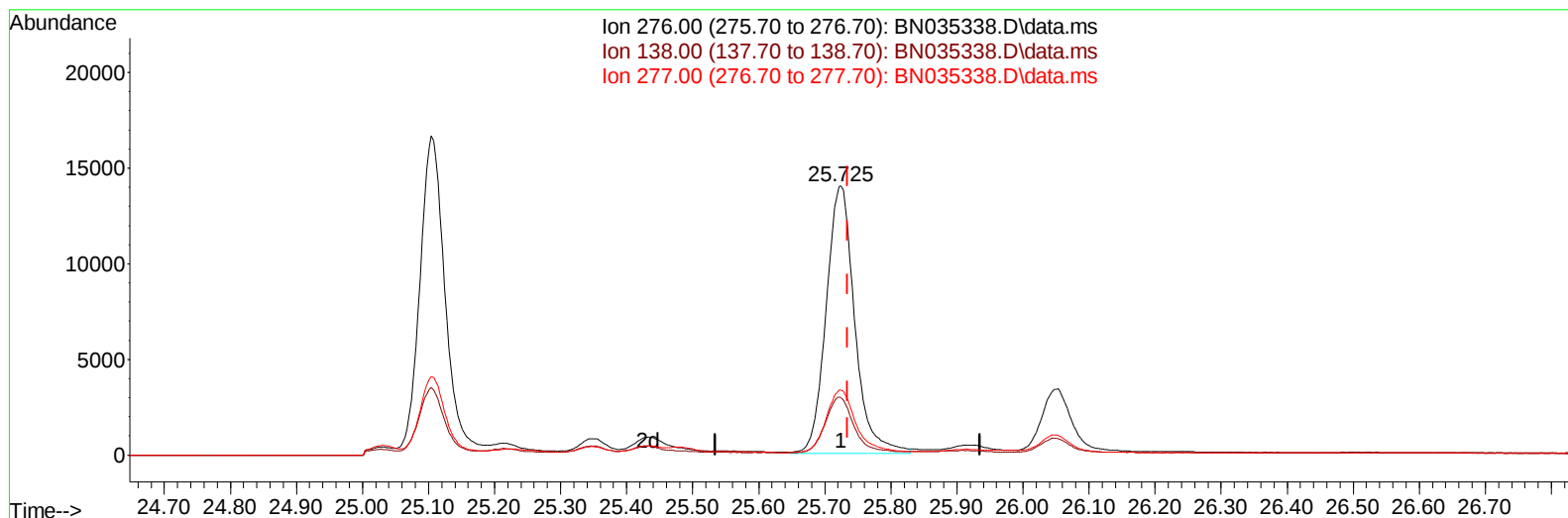
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112624\
 Data File : BN035338.D
 Acq On : 27 Nov 2024 05:42
 Operator : RC/JU
 Sample : P4895-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E2A12

Manual IntegrationsAPPROVED

Quant Time: Nov 27 06:04:33 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 Nov 26 06:09:15 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 11/27/2024
 Supervised By :mohammad ahmed 11/28/2024



TIC: BN035338.D\data.ms

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

25.725min (-0.010) 1.67 ng/ul m

response 42386

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	16.30	21.43#
277.00	25.60	24.27
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112624\
 Data File : BN035338.D
 Acq On : 27 Nov 2024 05:42
 Operator : RC/JU
 Sample : P4895-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E2A12

Manual IntegrationsAPPROVED

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Quant Time: Nov 27 06:04:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN112624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 26 06:09:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.310	152	3847	0.400	ng/ul	0.00
4) Naphthalene-d8	10.053	136	10847	0.400	ng/ul	-0.01
9) Acenaphthene-d10	13.967	164	7092	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.734	188	14749	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.976	240	9308	0.400	ng/ul	# 0.00
23) Perylene-d12	23.068	264	7904m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.972	96	9517	2.707	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.659	152	3218	0.202	ng/ul	0.00
18) Fluoranthene-d10	18.786	212	8826	0.344	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.102	128	644	0.024	ng/ul#	74
7) 2-Methylnaphthalene	11.736	142	945	0.050	ng/ul	96
8) 1-Methylnaphthalene	11.961	142	727	0.038	ng/ul	96
10) Acenaphthylene	13.681	152	13148	0.467	ng/ul	99
11) Acenaphthene	14.032	153	6845	0.318	ng/ul	99
12) Fluorene	15.031	166	10692	0.423	ng/ul	99
15) Phenanthrene	16.776	178	152137	3.902	ng/ul	99
16) Anthracene	16.869	178	30150	0.833	ng/ul	99
19) Fluoranthene	18.814	202	266223	8.215	ng/ul#	94
20) Pyrene	19.181	202	207370	6.149	ng/ul#	92
21) Benzo(a)anthracene	20.961	228	81716	2.530	ng/ul	95
22) Chrysene	21.011	228	80482	2.476	ng/ul	99
24) Benzo(b)fluoranthene	22.457	252	92121m	3.526	ng/ul	
25) Benzo(k)fluoranthene	22.492	252	34182m	1.269	ng/ul	
26) Benzo(a)pyrene	22.981	252	64014m	2.681	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.104	276	42187m	1.308	ng/ul	
28) Dibenzo(a,h)anthracene	25.114	278	9541m	0.377	ng/ul	
29) Benzo(g,h,i)perylene	25.725	276	42386m	1.667	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112624\
Data File : BN035338.D
Acq On : 27 Nov 2024 05:42
Operator : RC/JU
Sample : P4895-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2A12

Manual IntegrationsAPPROVED

Quant Time: Nov 27 06:04:33 2024
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