

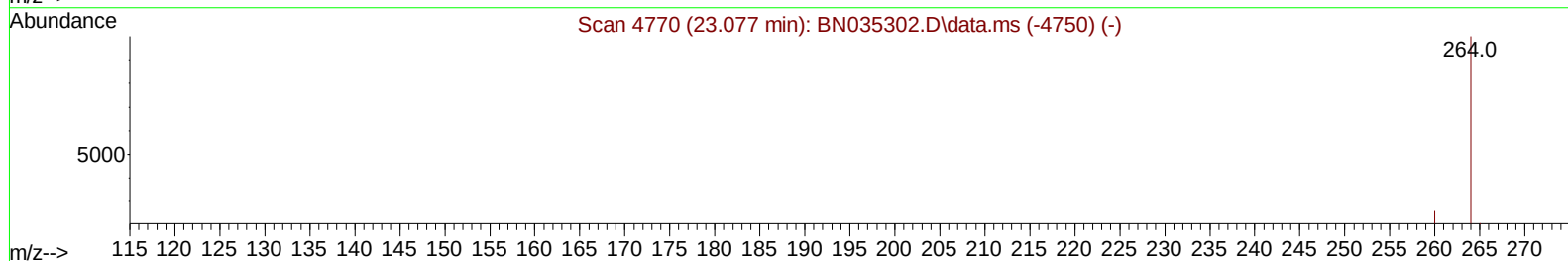
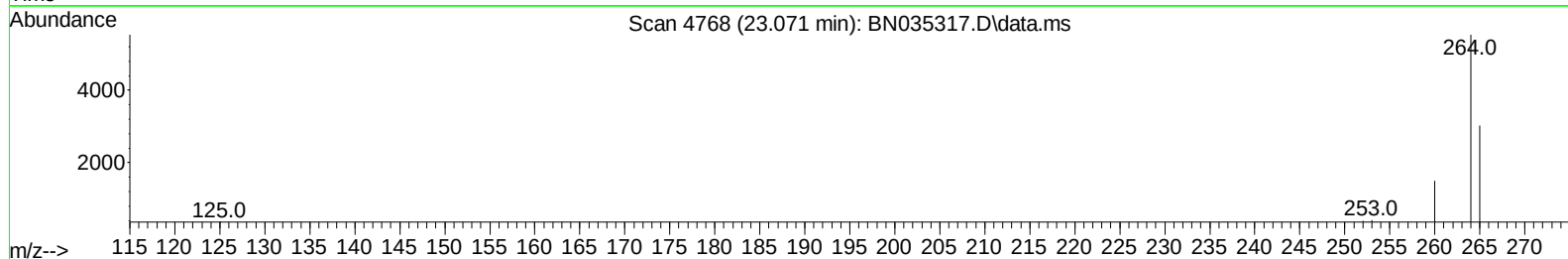
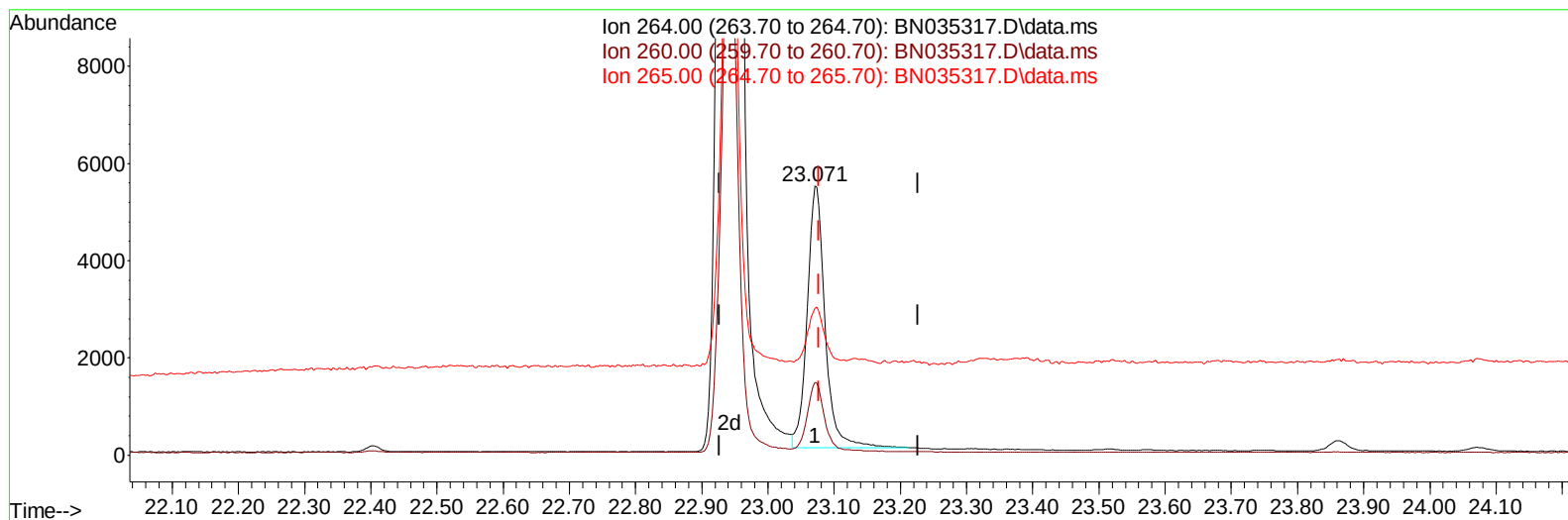
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112624\
Data File : BN035317.D
Acq On : 26 Nov 2024 15:39
Operator : RC/JU
Sample : P4872-04DL 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29X4DL

Manual IntegrationsAPPROVED

Quant Time: Nov 26 22:13:58 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 :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/28/2024



TIC: BN035317.D\data.ms

(23) Perylene-d12 (I)

23.071min (-0.006) 0.40 ng/u1

response 10165

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.20	27.07
265.00	75.50	54.62#
0.00	0.00	0.00

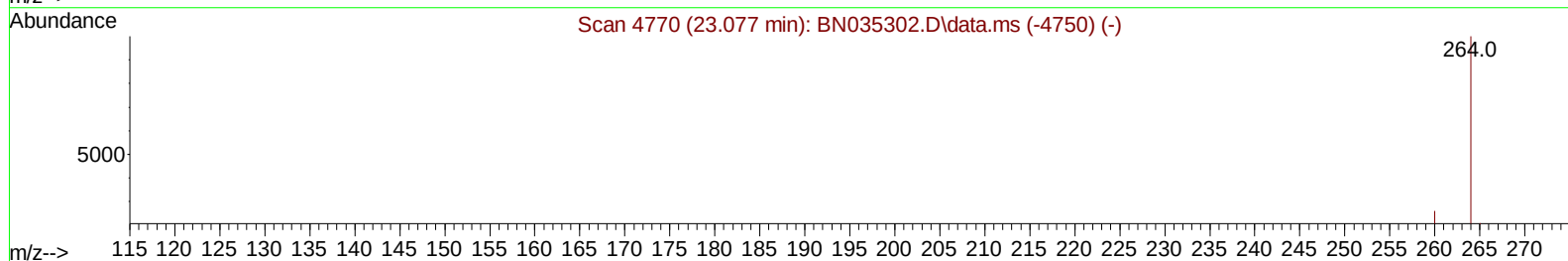
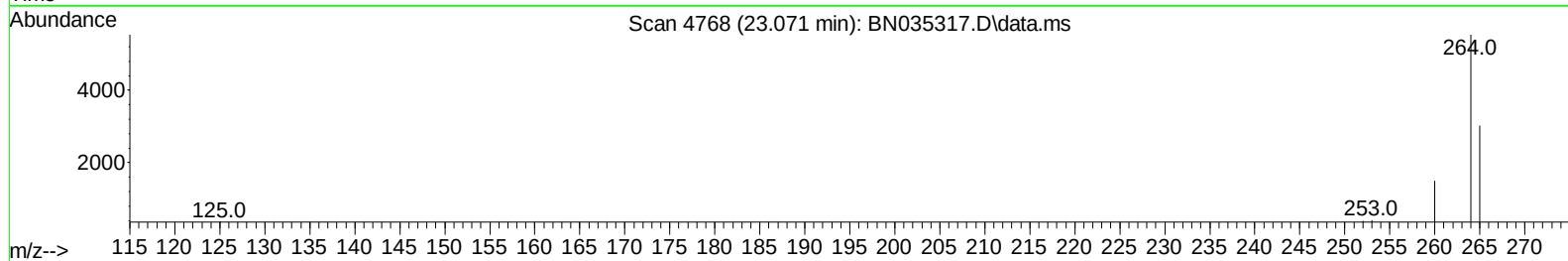
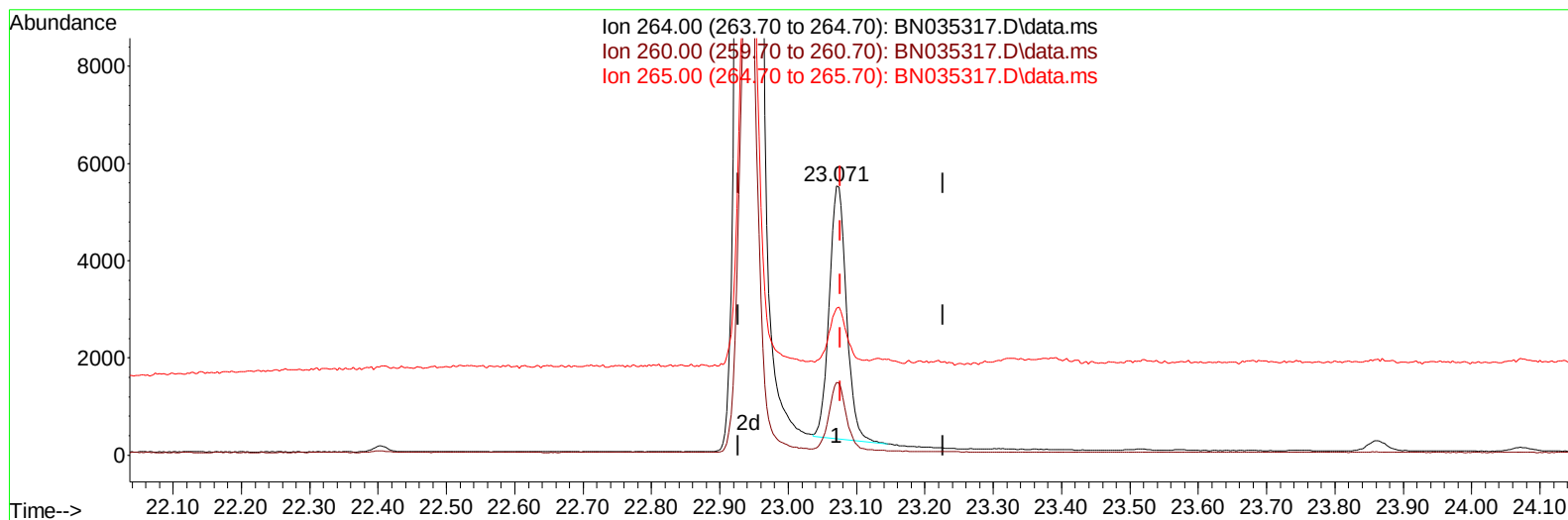
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(23) Perylene-d12 (I)

23.071min (-0.006) 0.40 ng/ul m

response 9030

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.20	27.07
265.00	75.50	54.62#
0.00	0.00	0.00

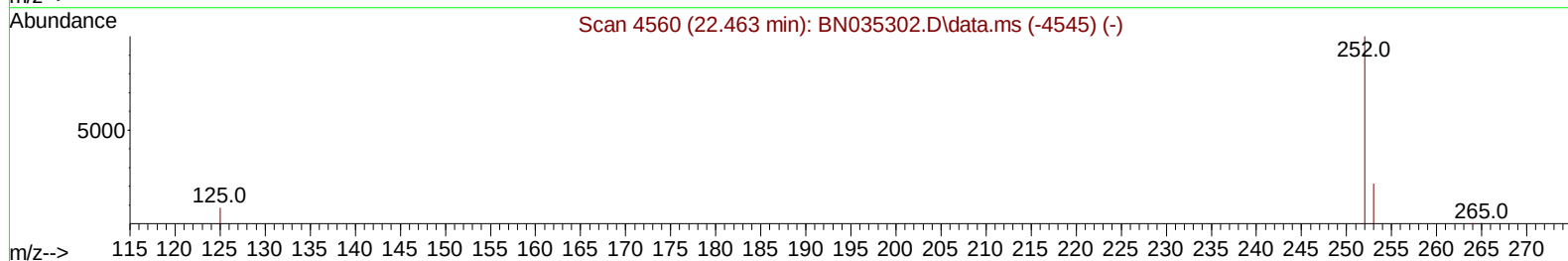
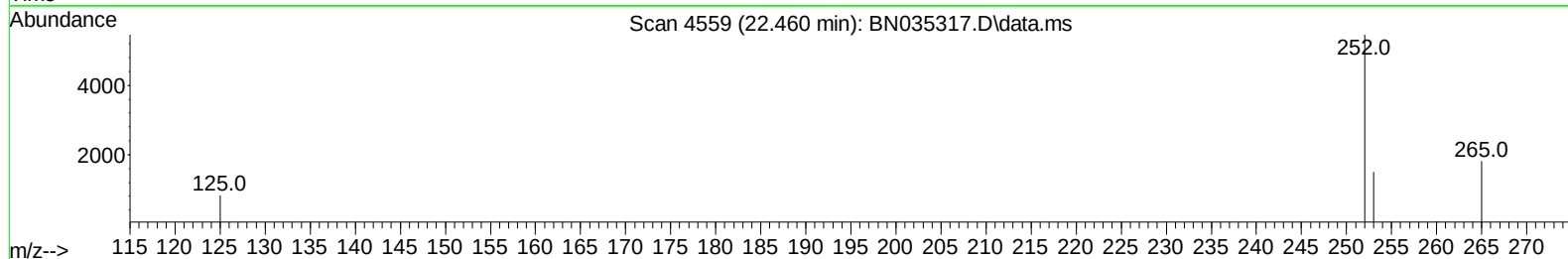
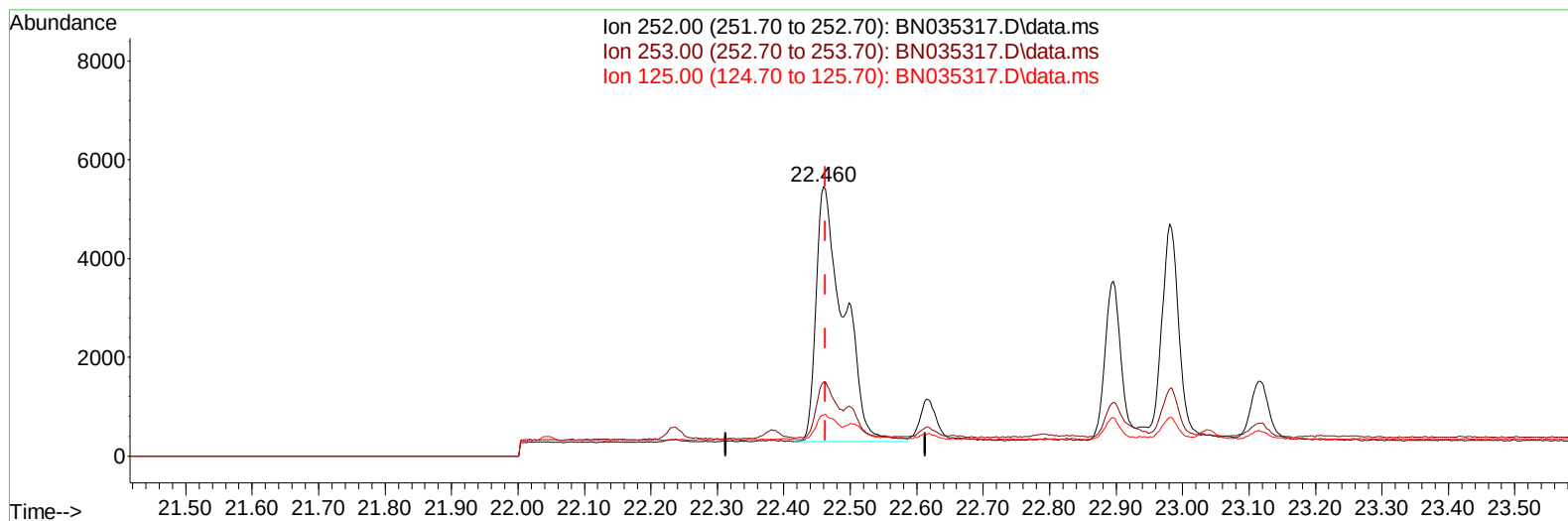
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TIC: BN035317.D\data.ms

(24) Benzo(b)fluoranthene

22.460min (-0.003) 0.50 ng/u1

response 14874

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	27.51
125.00	9.70	15.16
0.00	0.00	0.00

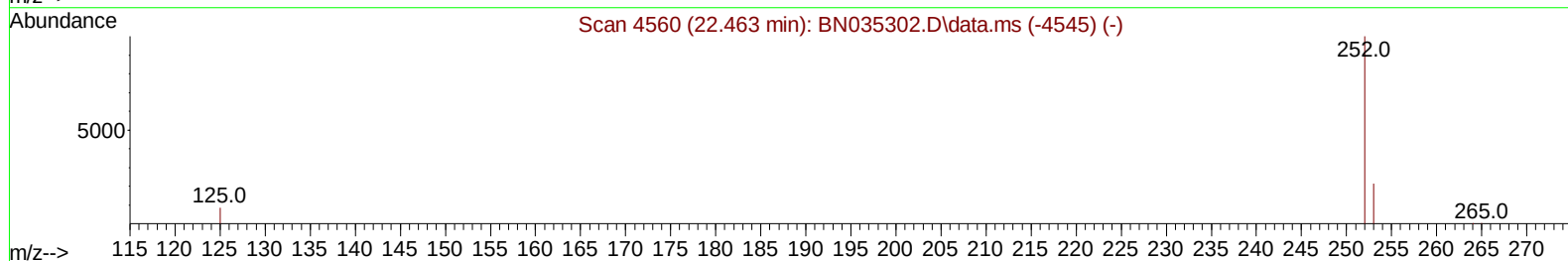
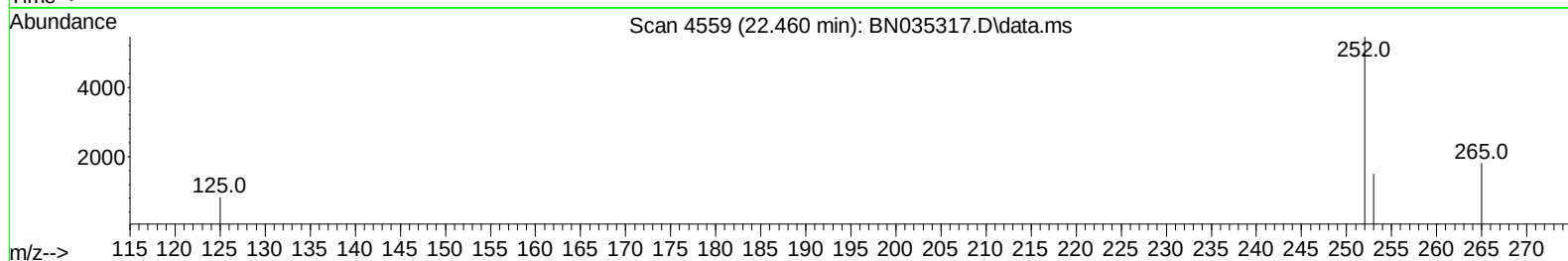
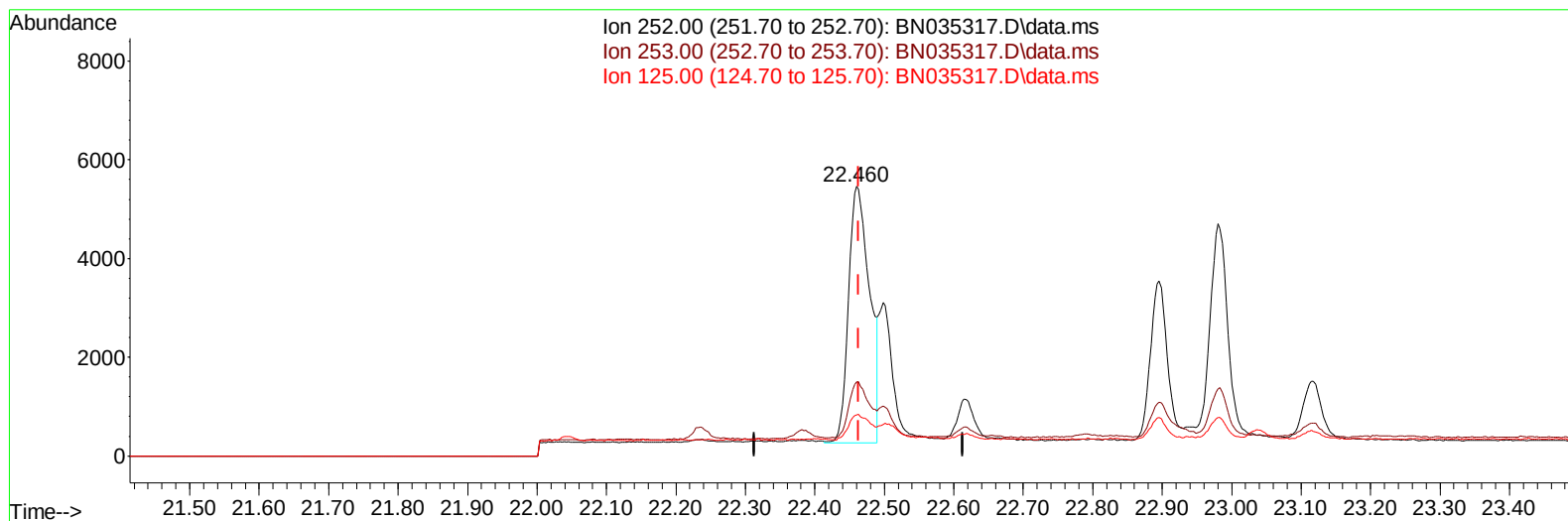
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112624\
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Operator : RC/JU
Sample : P4872-04DL 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29X4DL

Manual IntegrationsAPPROVED

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TIC: BN035317.D\data.ms

(24) Benzo(b)fluoranthene

22.460min (-0.003) 0.37 ng/ul m

response 10951

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	27.51
125.00	9.70	15.16
0.00	0.00	0.00

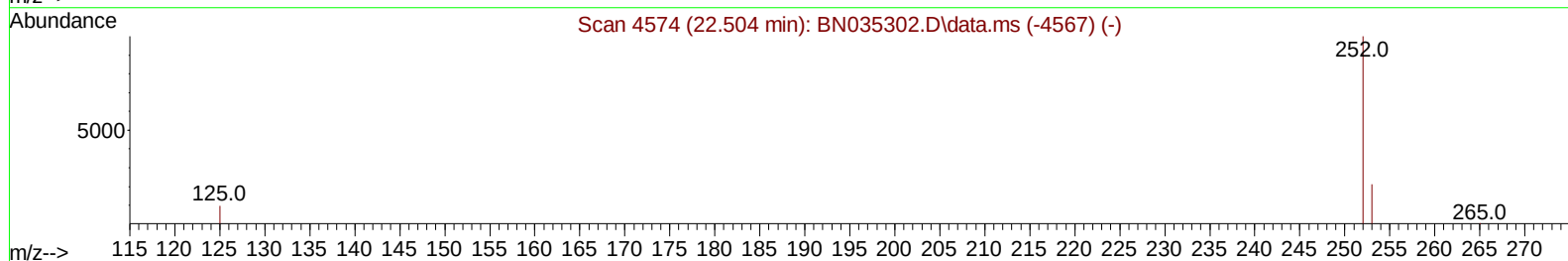
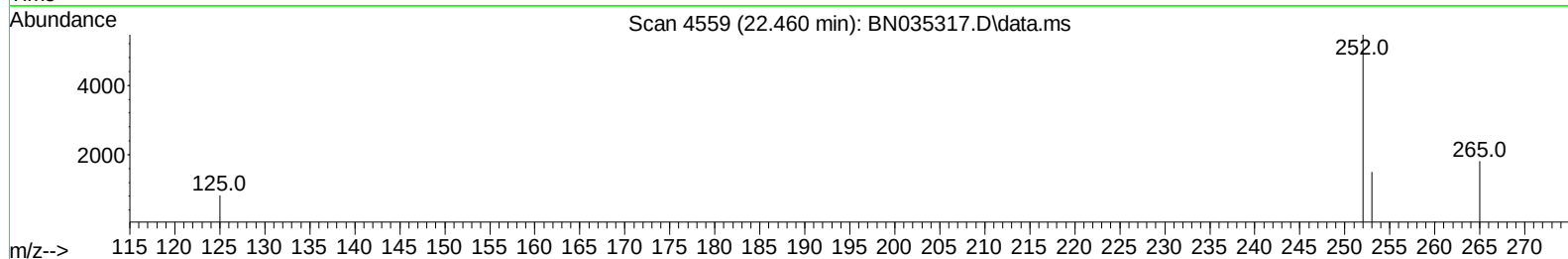
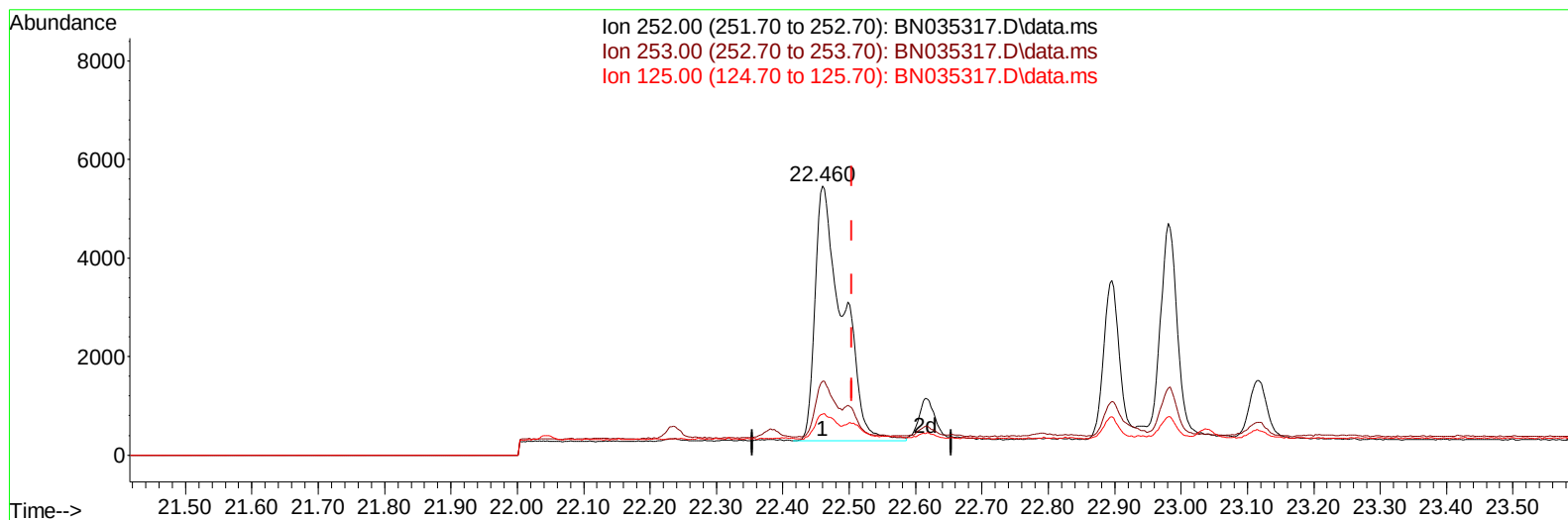
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112624\
Data File : BN035317.D
Acq On : 26 Nov 2024 15:39
Operator : RC/JU
Sample : P4872-04DL 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29X4DL

Manual IntegrationsAPPROVED

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TIC: BN035317.D\data.ms

(25) Benzo(k)fluoranthene

22.460min (-0.044) 0.48 ng/u1

response 14874

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	27.51
125.00	10.70	15.16#
0.00	0.00	0.00

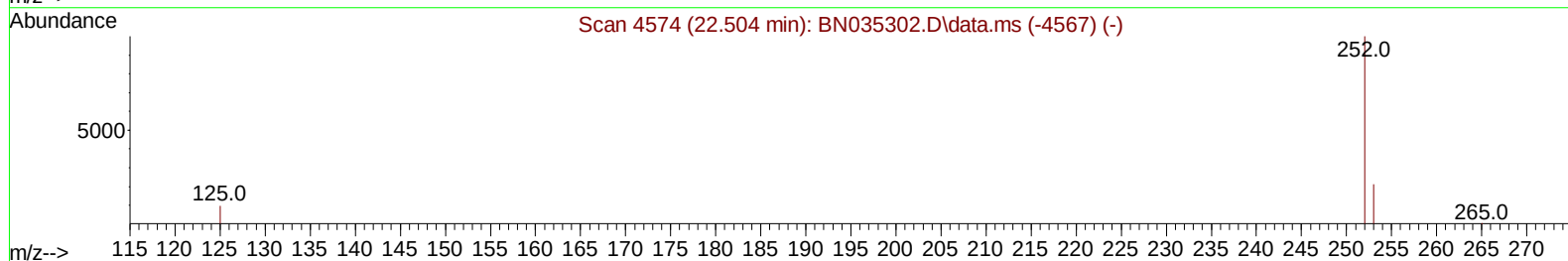
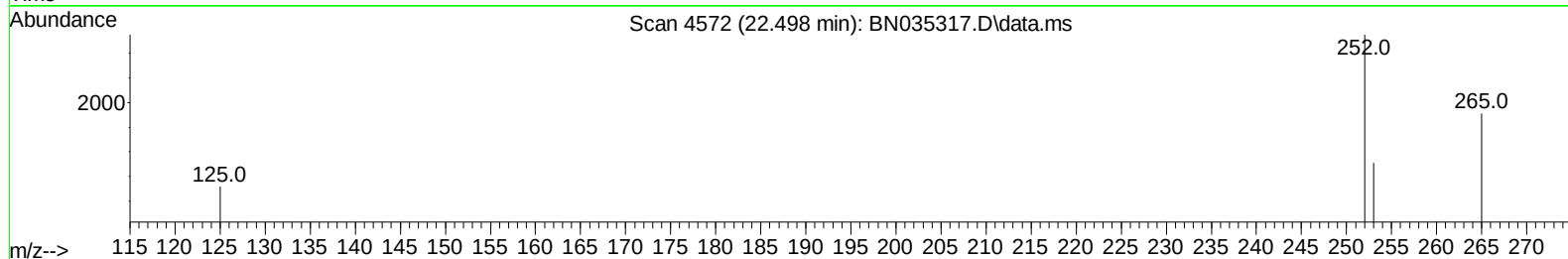
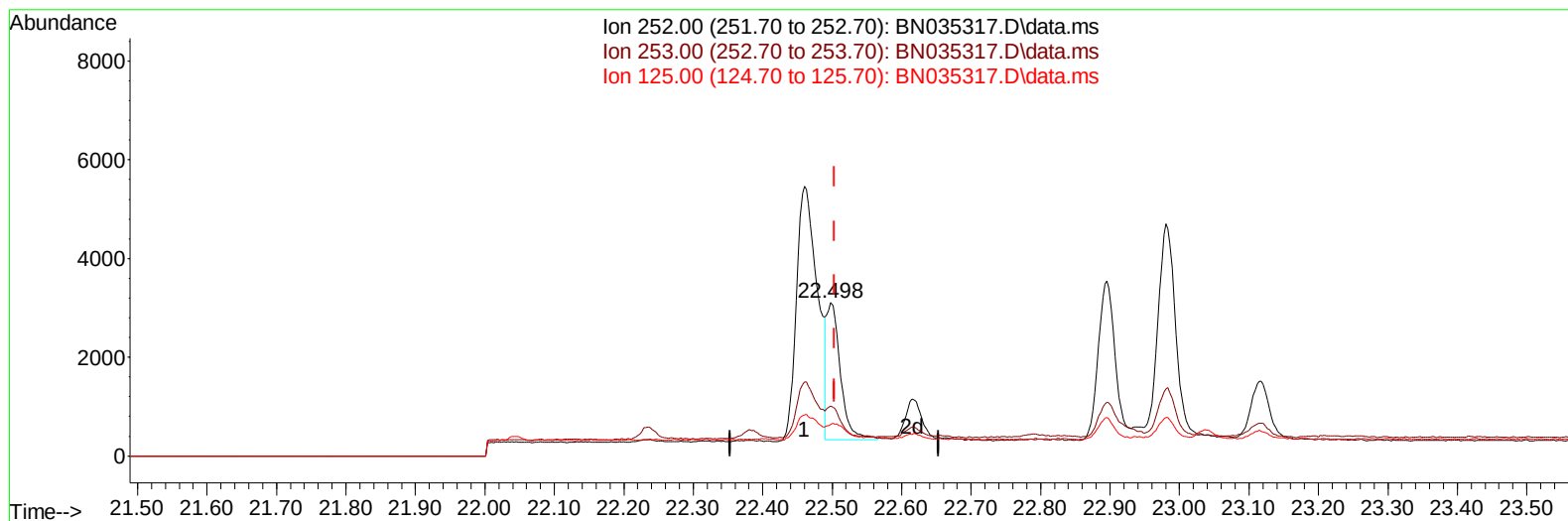
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112624\
Data File : BN035317.D
Acq On : 26 Nov 2024 15:39
Operator : RC/JU
Sample : P4872-04DL 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Nov 26 22:13:58 2024
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QLast Update : Tue Nov 26 06:09:15 2024
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Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/28/2024



TIC: BN035317.D\data.ms

(25) Benzo(k)fluoranthene

22.498min (-0.006) 0.12 ng/ul m

response 3814

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	32.60
125.00	10.70	20.59#
0.00	0.00	0.00

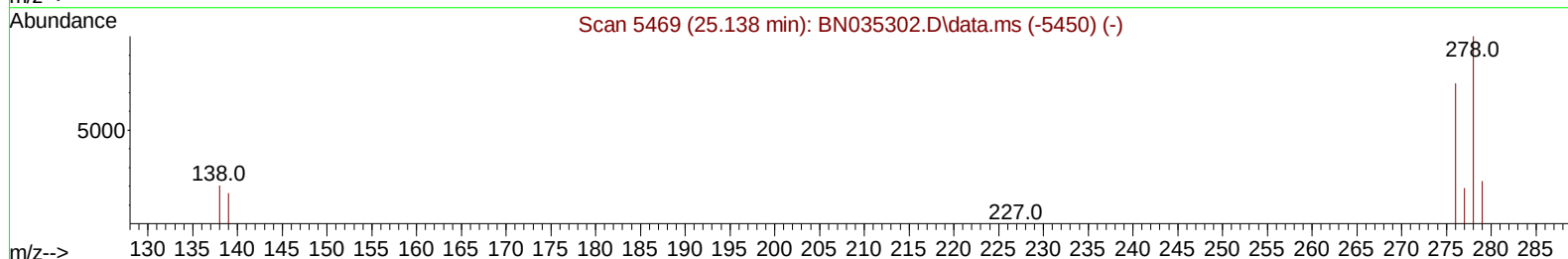
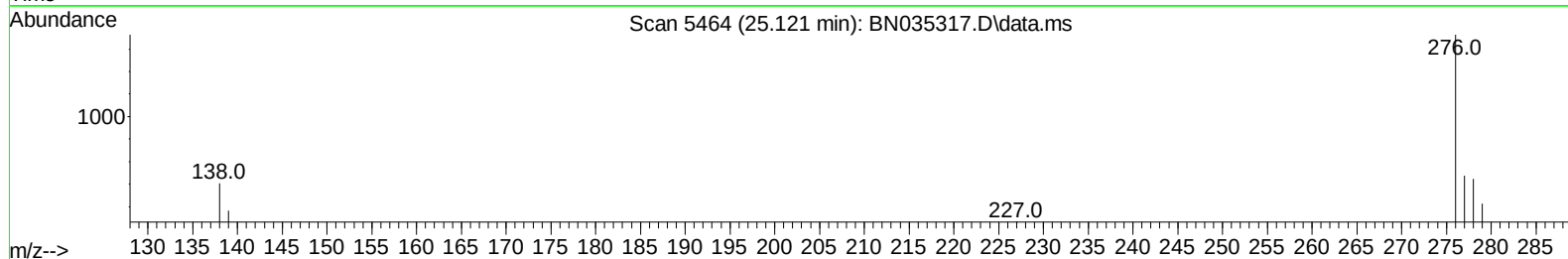
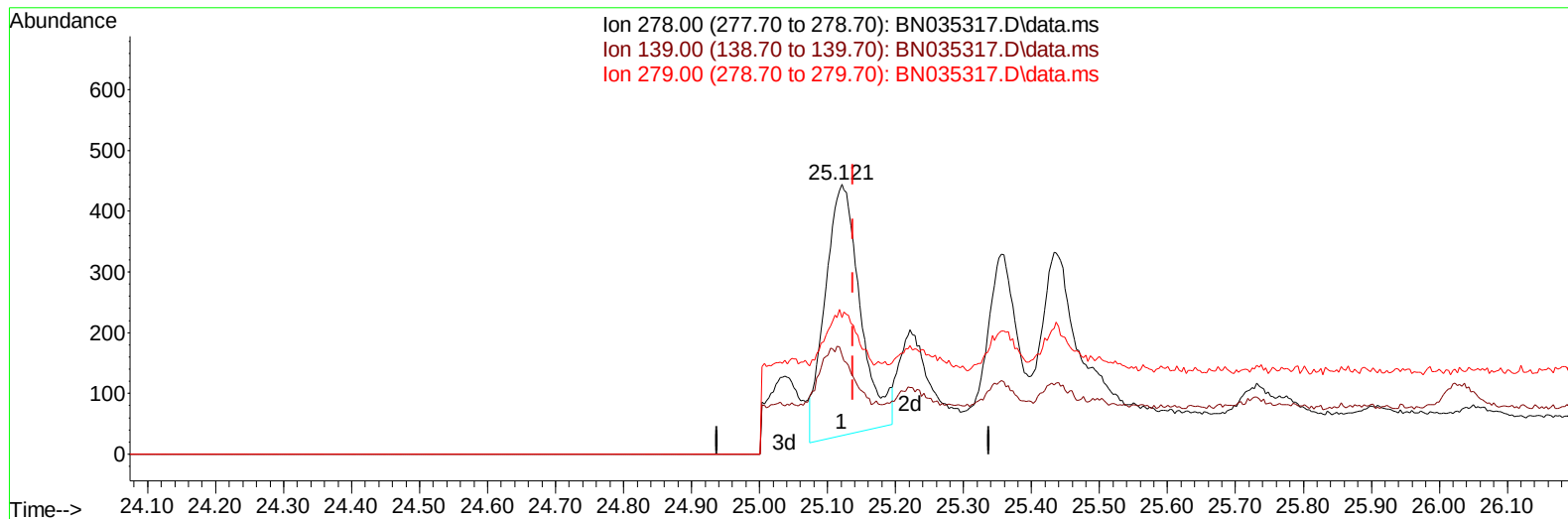
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BN035317.D\data.ms

(28) Dibenzo(a,h)anthracene

25.121min (-0.017) 0.05 ng/u1

response 1478

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.40	36.71#
279.00	28.50	50.68#
0.00	0.00	0.00

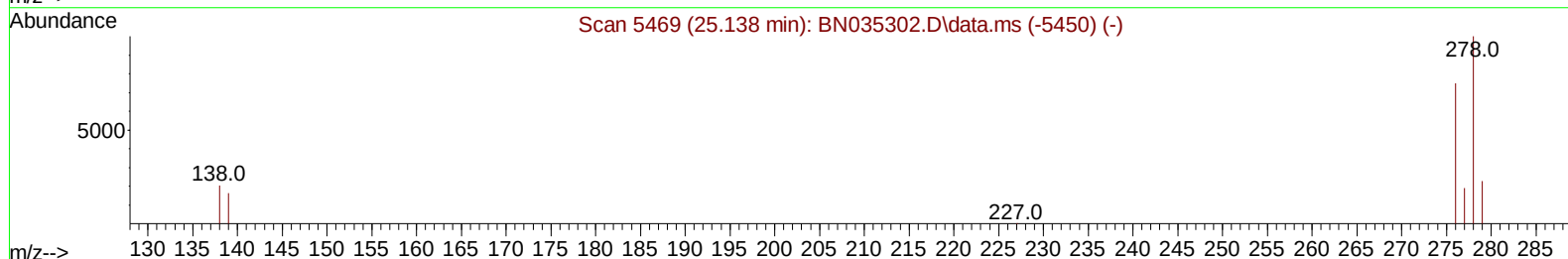
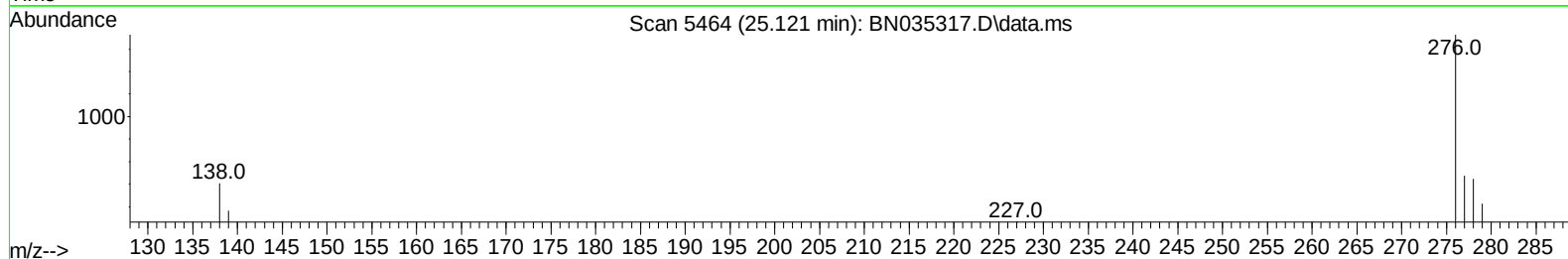
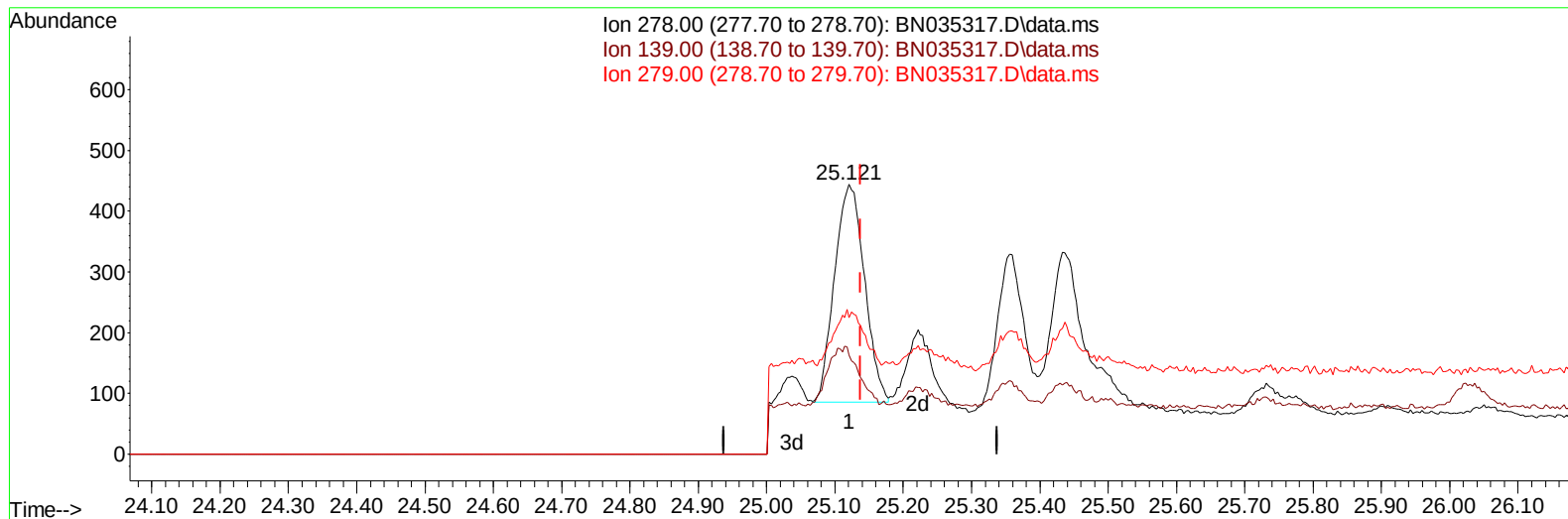
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112624\
Data File : BN035317.D
Acq On : 26 Nov 2024 15:39
Operator : RC/JU
Sample : P4872-04DL 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29X4DL

Manual IntegrationsAPPROVED

Quant Time: Nov 26 22:13:58 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 26 06:09:15 2024
Response via : Initial Calibration

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TIC: BN035317.D\data.ms

(28) Dibenzo(a,h)anthracene

25.121min (-0.017) 0.04 ng/ul m

response 1089

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.40	36.71#
279.00	28.50	50.68#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112624\
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 Acq On : 26 Nov 2024 15:39
 Operator : RC/JU
 Sample : P4872-04DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E29X4DL

Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 11/28/2024

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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.314	152		3932	0.400	ng/ul	0.00
4) Naphthalene-d8	10.058	136		9561	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.972	164		5018	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.734	188		9832	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.979	240		8316	0.400	ng/ul	# 0.00
23) Perylene-d12	23.071	264		9030m	0.400	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	2.976	96		2668	0.742	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.664	152		487	0.035	ng/ul	0.00
18) Fluoranthene-d10	18.786	212		972	0.042	ng/ul	0.00
Target Compounds							
						Qvalue	
10) Acenaphthylene	13.685	152		1781	0.089	ng/ul#	91
12) Fluorene	15.036	166		849	0.047	ng/ul#	98
15) Phenanthrene	16.776	178		11360	0.437	ng/ul	100
16) Anthracene	16.869	178		2483	0.103	ng/ul#	94
19) Fluoranthene	18.819	202		20143	0.696	ng/ul#	95
20) Pyrene	19.186	202		17661	0.586	ng/ul#	94
21) Benzo(a)anthracene	20.961	228		7495	0.260	ng/ul	95
22) Chrysene	21.014	228		8112	0.279	ng/ul	98
24) Benzo(b)fluoranthene	22.460	252		10951m	0.367	ng/ul	
25) Benzo(k)fluoranthene	22.498	252		3814m	0.124	ng/ul	
26) Benzo(a)pyrene	22.980	252		7824	0.287	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	25.111	276		5955	0.162	ng/ul#	77
28) Dibenzo(a,h)anthracene	25.121	278		1089m	0.038	ng/ul	
29) Benzo(g,h,i)perylene	25.728	276		5361	0.185	ng/ul#	92

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

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