

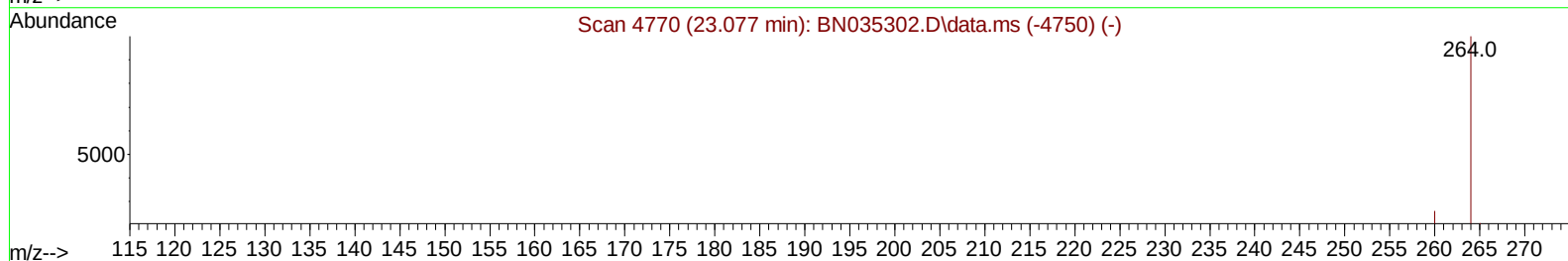
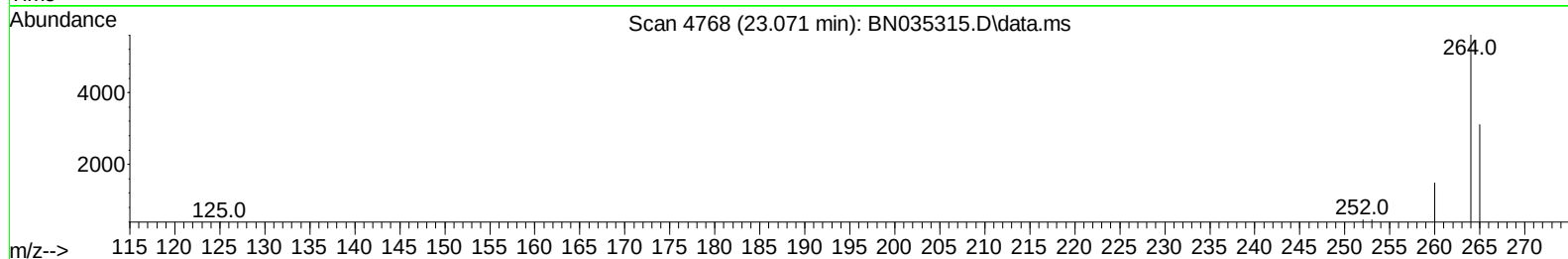
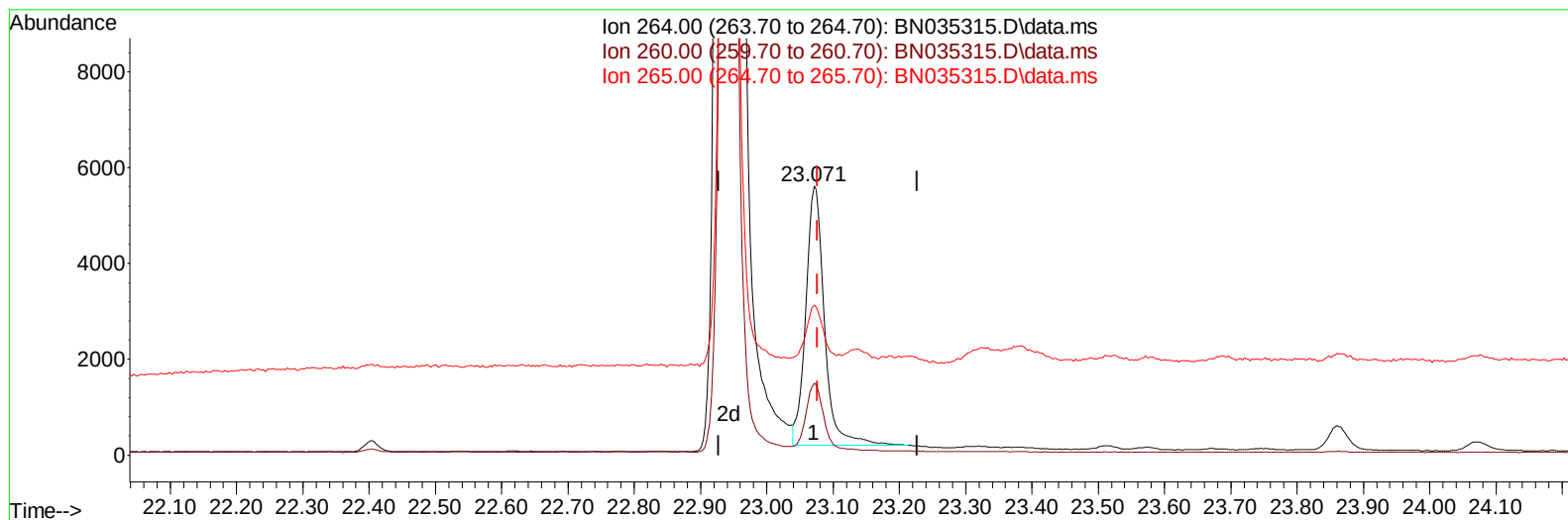
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112624\
Data File : BN035315.D
Acq On : 26 Nov 2024 14:27
Operator : RC/JU
Sample : P4872-19DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29Y6DL

Manual IntegrationsAPPROVED

Quant Time: Nov 26 22:13:39 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: BN035315.D\data.ms

(23) Perylene-d12 (I)

23.071min (-0.006) 0.40 ng/u1

response 10401

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.20	26.72
265.00	75.50	55.71#
0.00	0.00	0.00

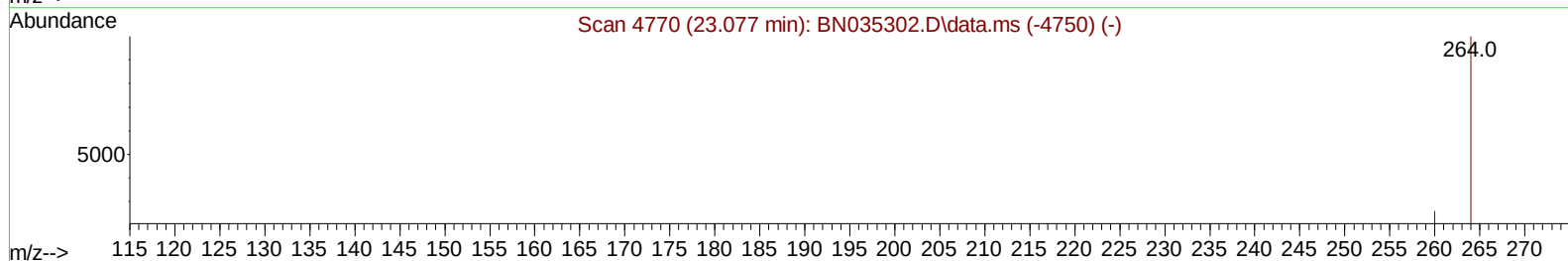
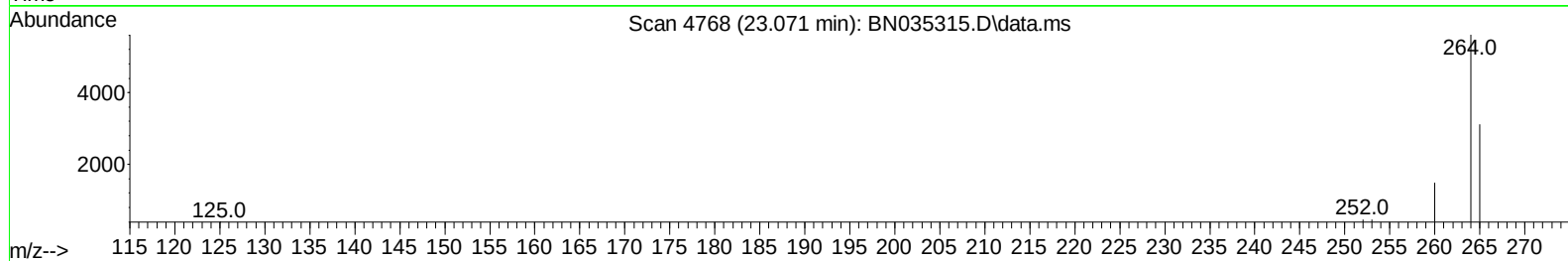
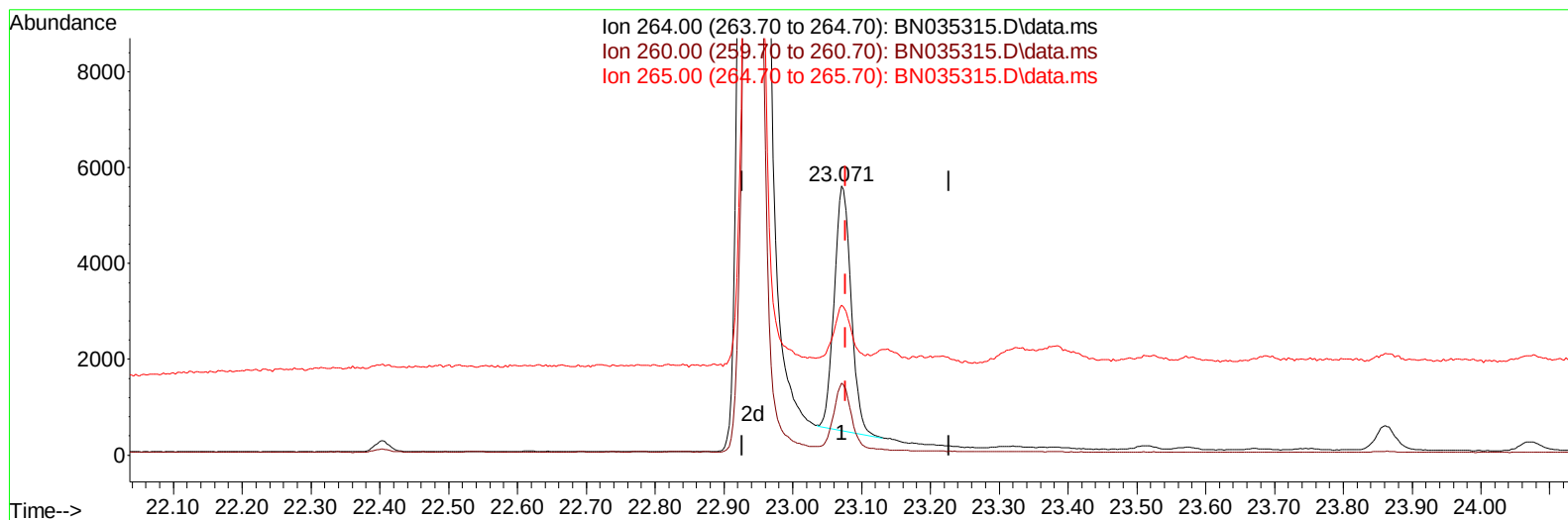
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Instrument :
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ClientSampleId :
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TIC: BN035315.D\data.ms

(23) Perylene-d12 (I)

23.071min (-0.006) 0.40 ng/ul m

response 8722

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.20	26.72
265.00	75.50	55.71#
0.00	0.00	0.00

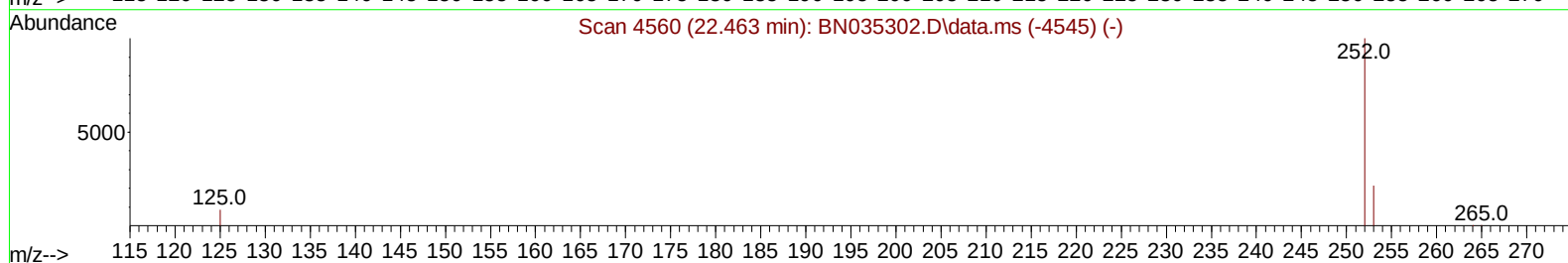
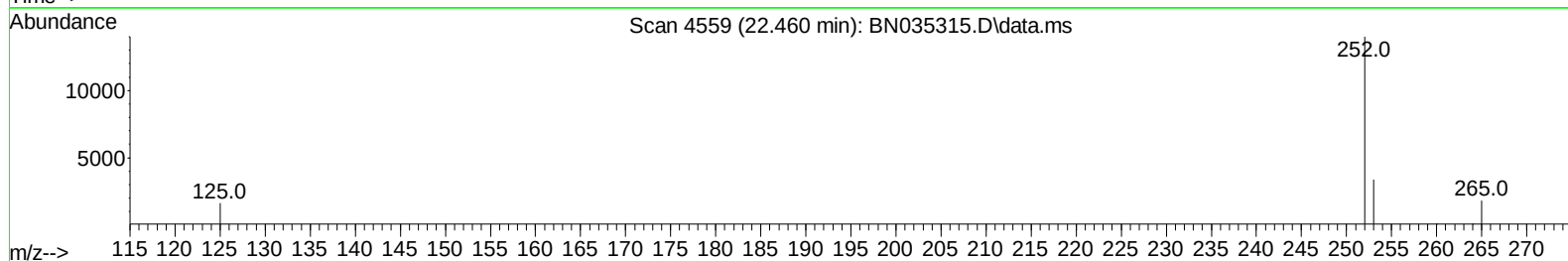
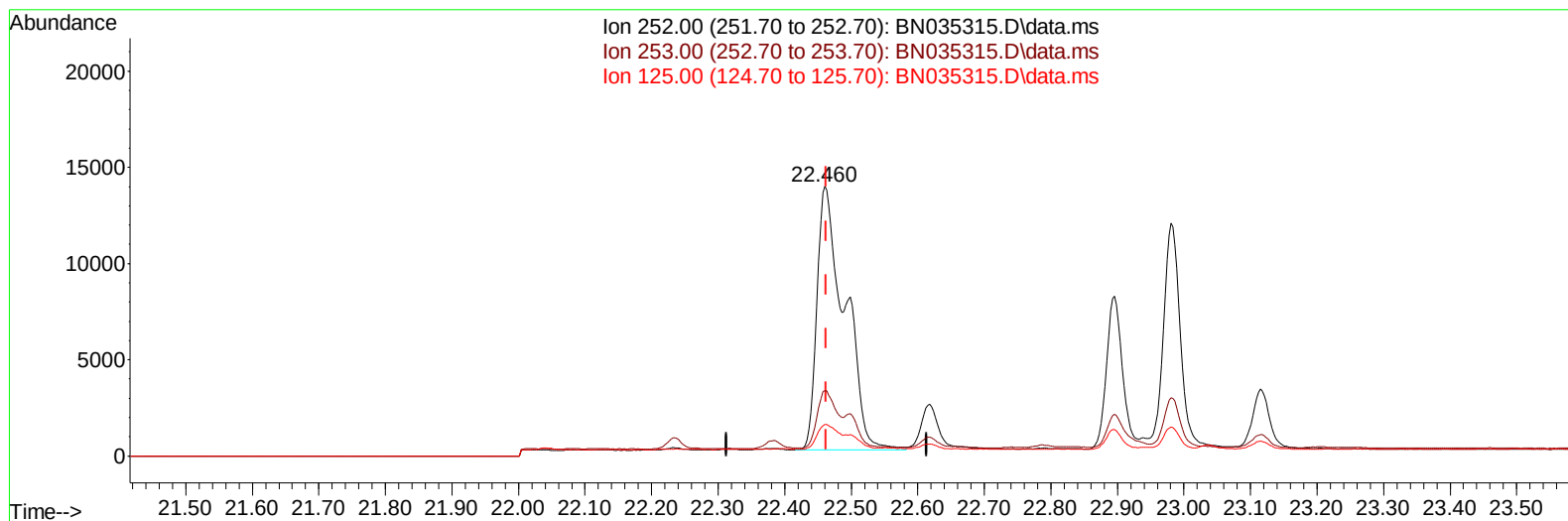
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BN035315.D\data.ms

(24) Benzo(b)fluoranthene

22.460min (-0.003) 1.37 ng/u1

response 39564

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	24.22
125.00	9.70	11.70
0.00	0.00	0.00

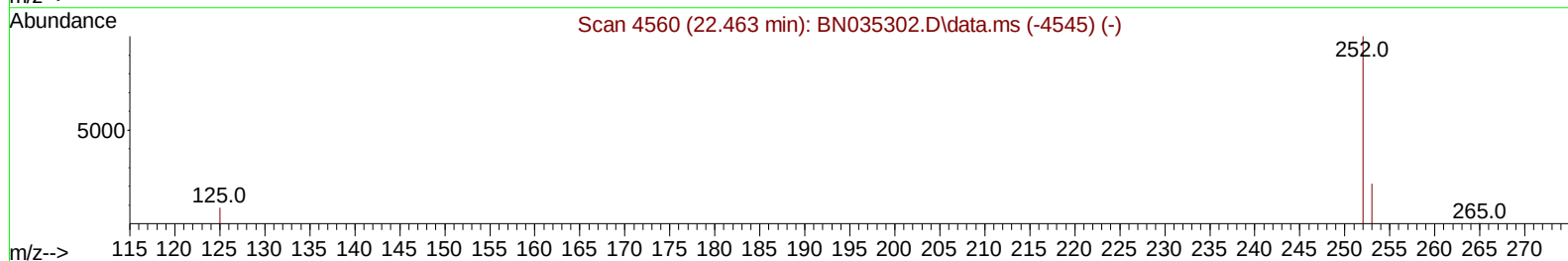
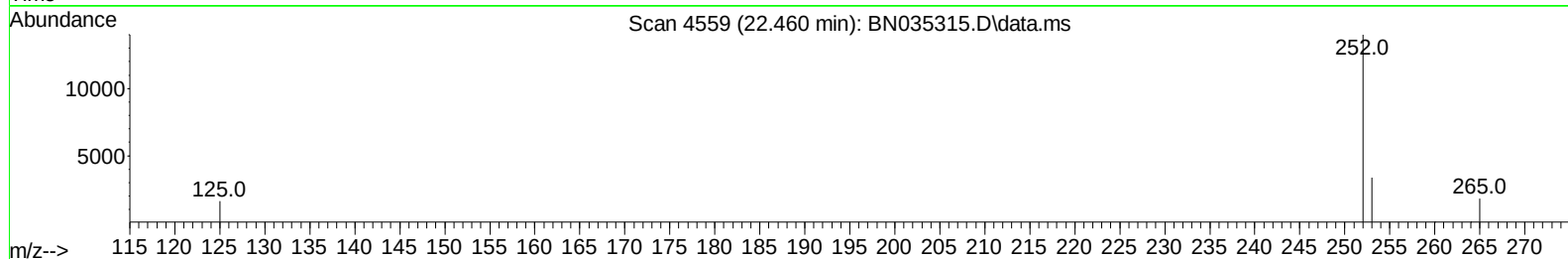
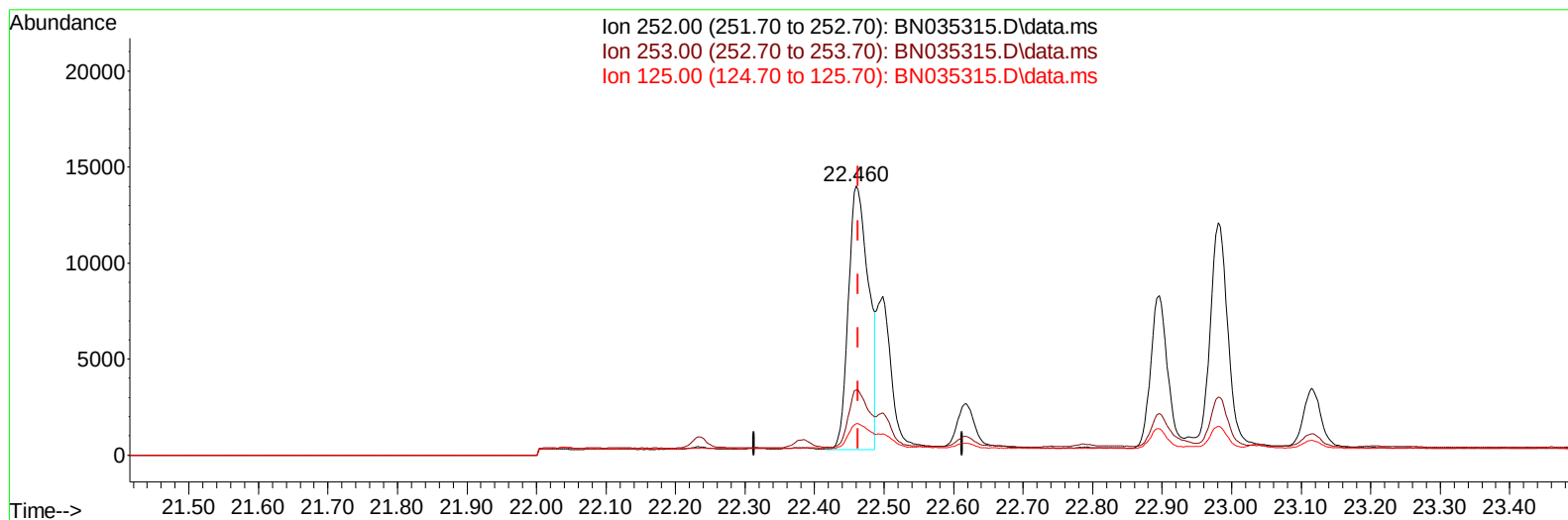
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112624\
Data File : BN035315.D
Acq On : 26 Nov 2024 14:27
Operator : RC/JU
Sample : P4872-19DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29Y6DL

Manual IntegrationsAPPROVED

Quant Time: Nov 26 22:13:39 2024
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TIC: BN035315.D\data.ms

(24) Benzo(b)fluoranthene

22.460min (-0.003) 0.96 ng/ul m

response 27795

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	24.22
125.00	9.70	11.70
0.00	0.00	0.00

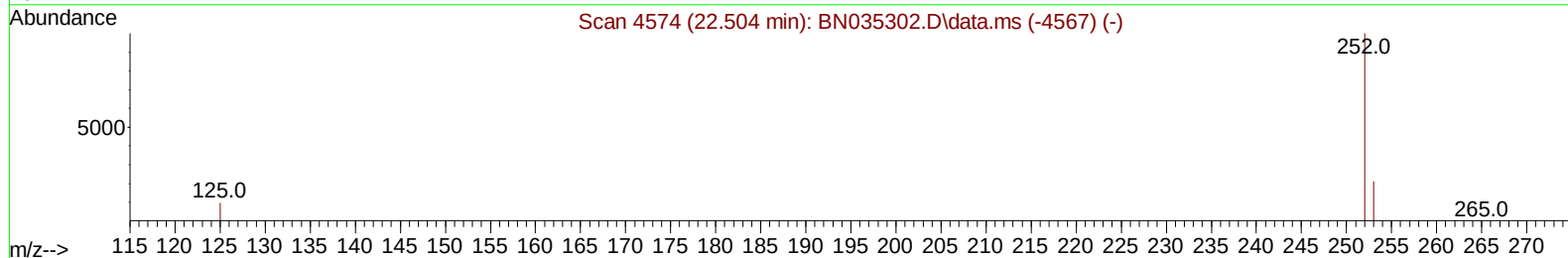
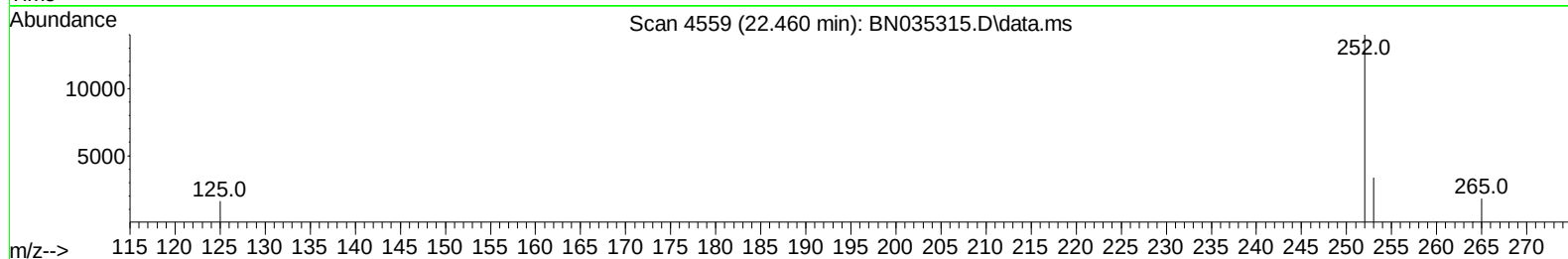
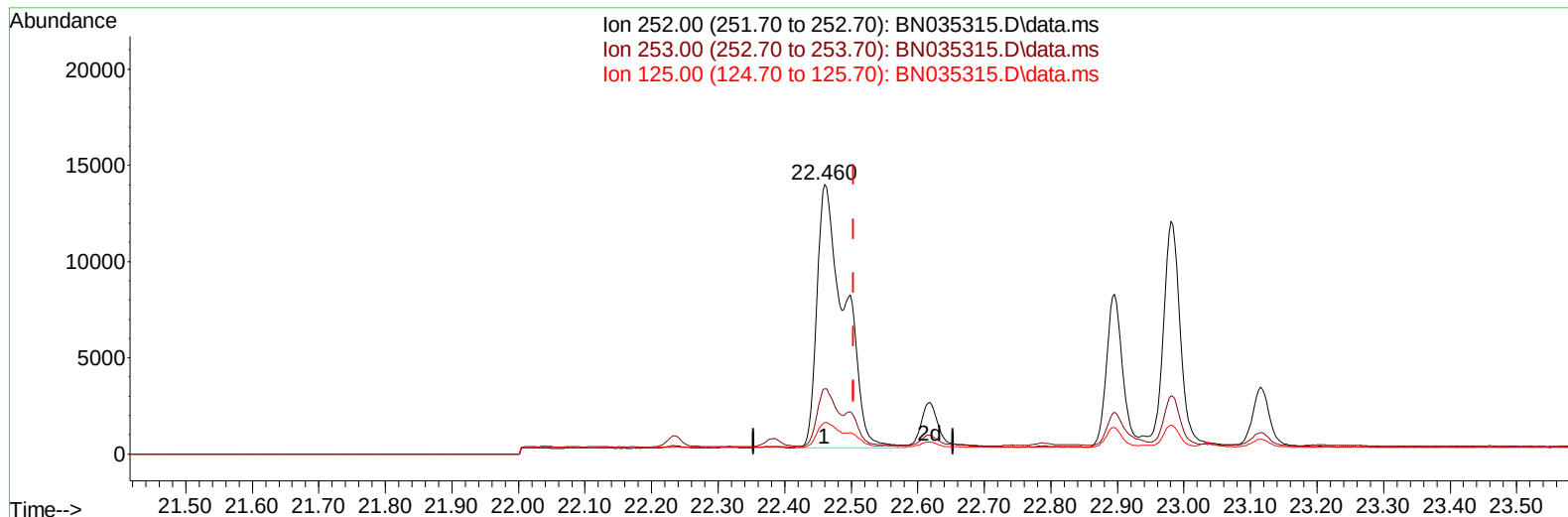
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Sample : P4872-19DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29Y6DL

Manual IntegrationsAPPROVED

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TIC: BN035315.D\data.ms

(25) Benzo(k)fluoranthene

22.460min (-0.044) 1.33 ng/u1

response 39564

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	24.22
125.00	10.70	11.70
0.00	0.00	0.00

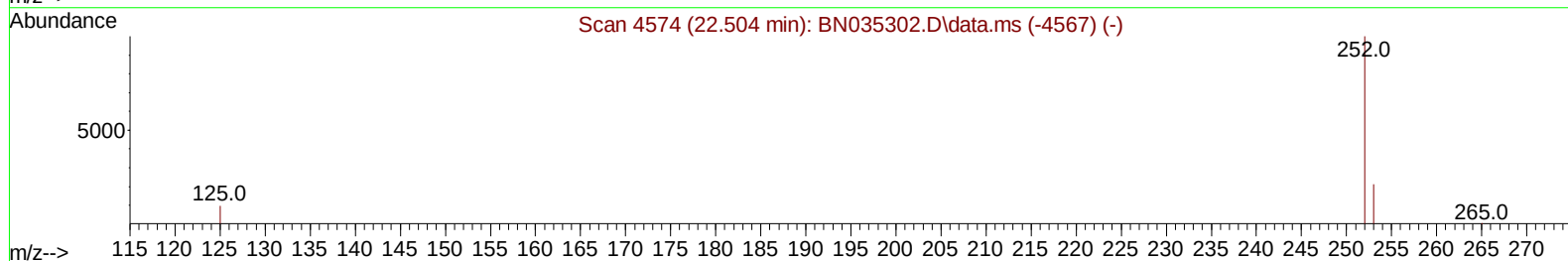
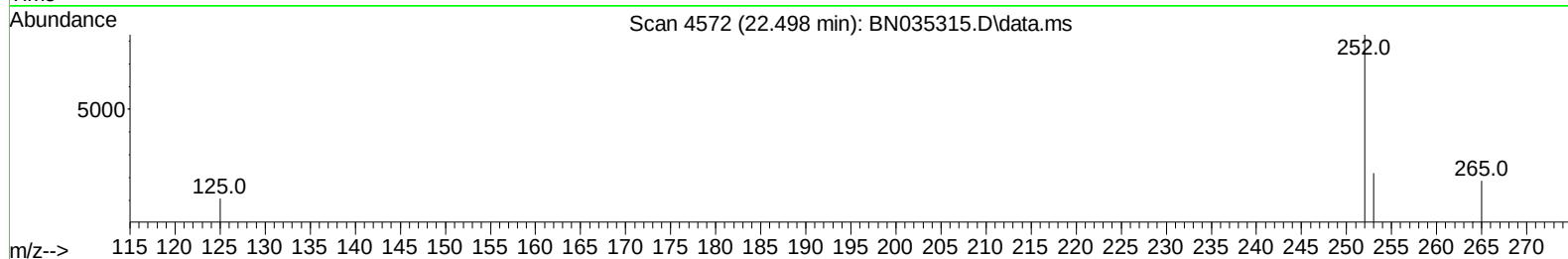
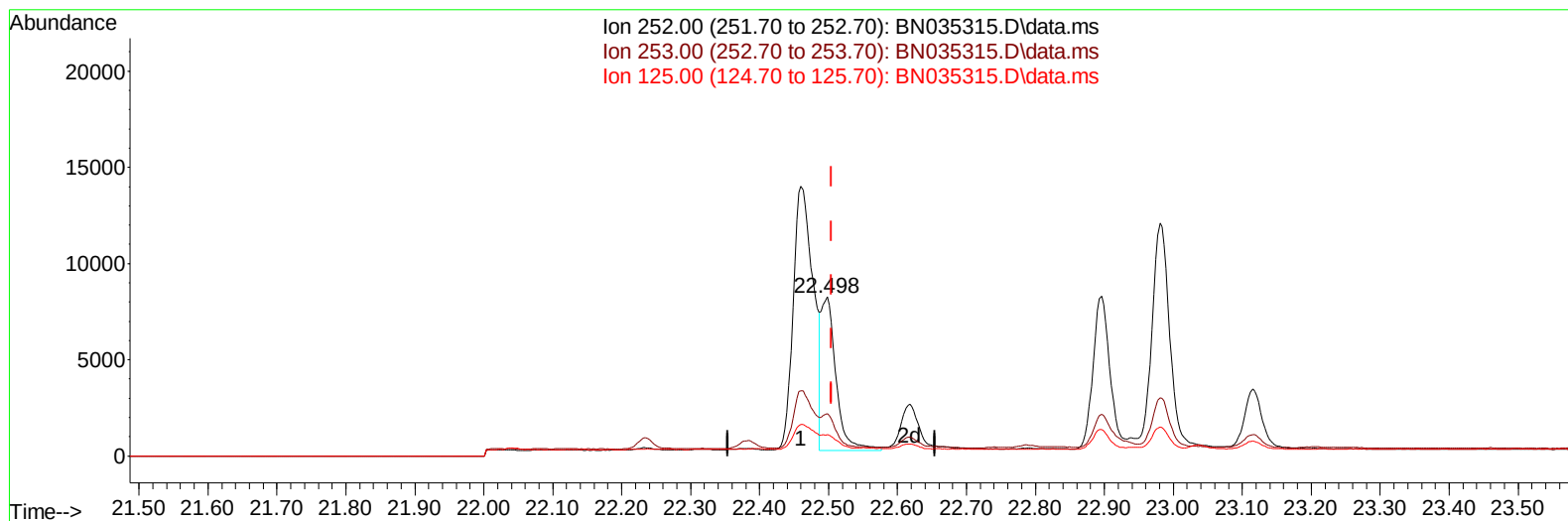
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112624\
Data File : BN035315.D
Acq On : 26 Nov 2024 14:27
Operator : RC/JU
Sample : P4872-19DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29Y6DL

Manual IntegrationsAPPROVED

Quant Time: Nov 26 22:13:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
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Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/28/2024



TIC: BN035315.D\data.ms

(25) Benzo(k)fluoranthene

22.498min (-0.006) 0.40 ng/ul m

response 11913

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	26.53
125.00	10.70	13.34#
0.00	0.00	0.00

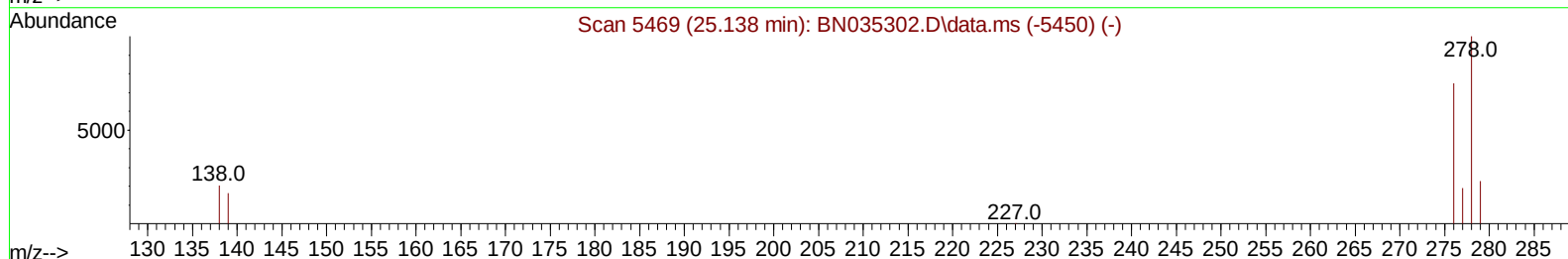
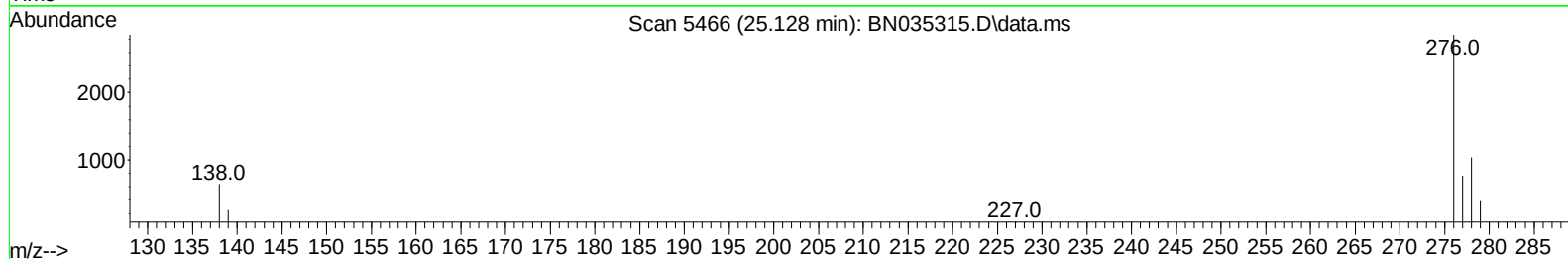
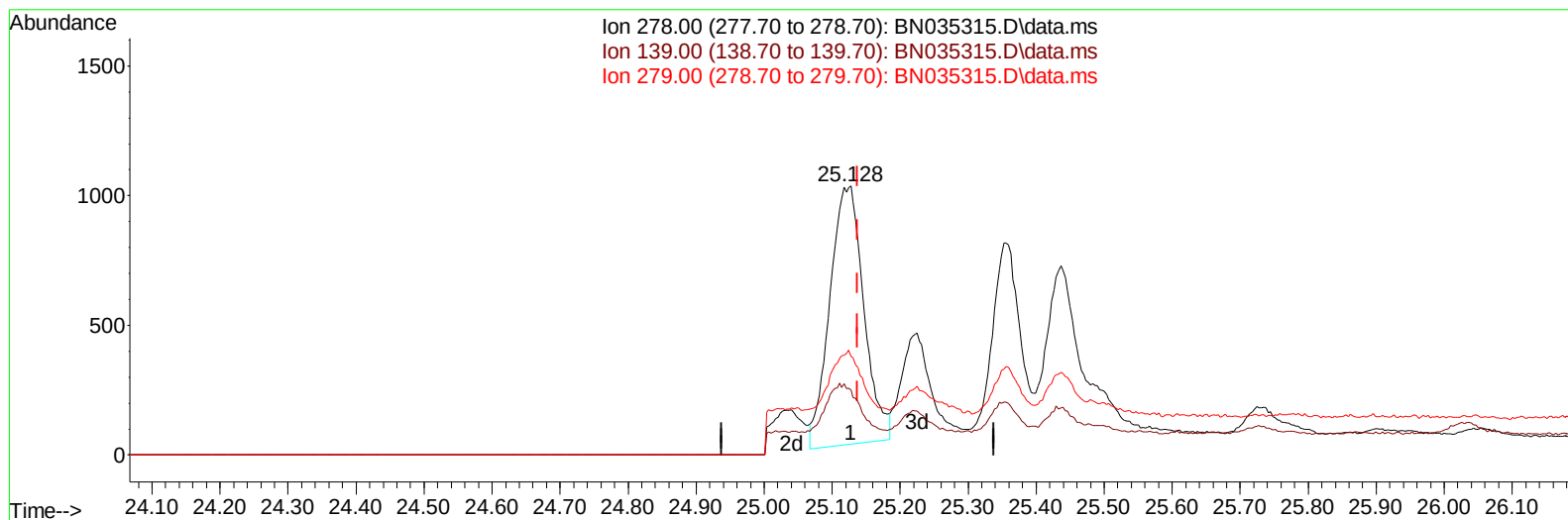
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Sample : P4872-19DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
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Manual IntegrationsAPPROVED

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TIC: BN035315.D\data.ms

(28) Dibenzo(a,h)anthracene

25.128min (-0.010) 0.12 ng/u1

response 3460

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.40	24.11#
279.00	28.50	36.74#
0.00	0.00	0.00

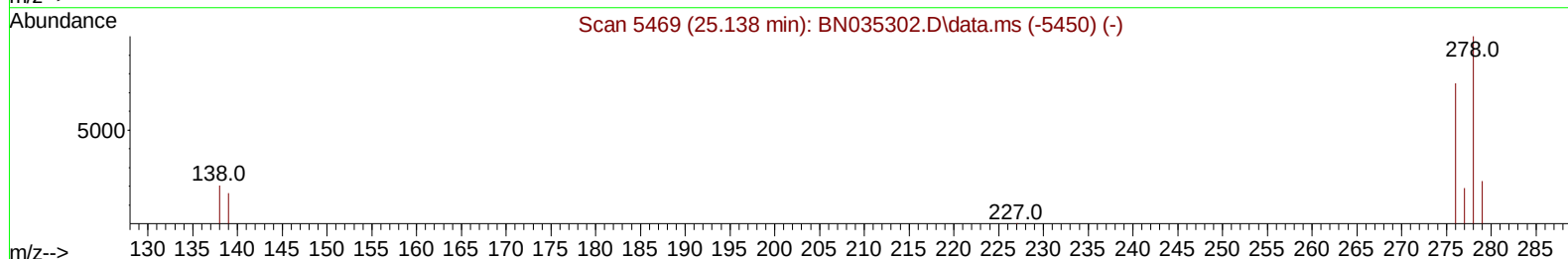
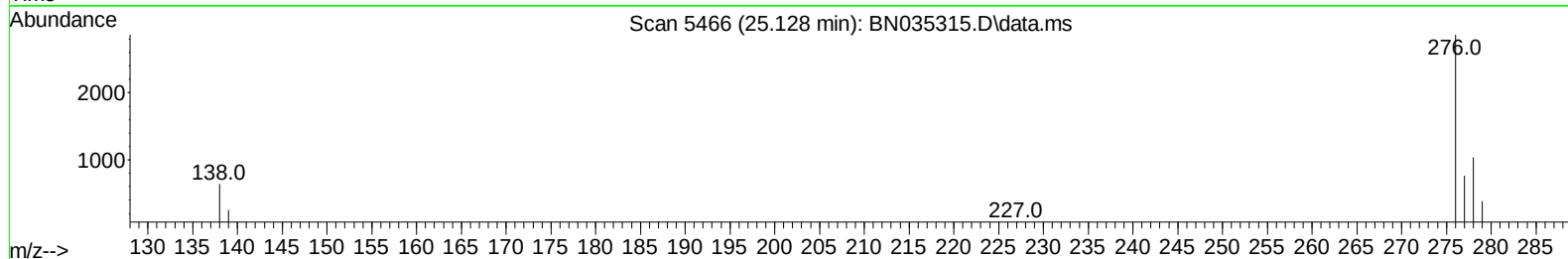
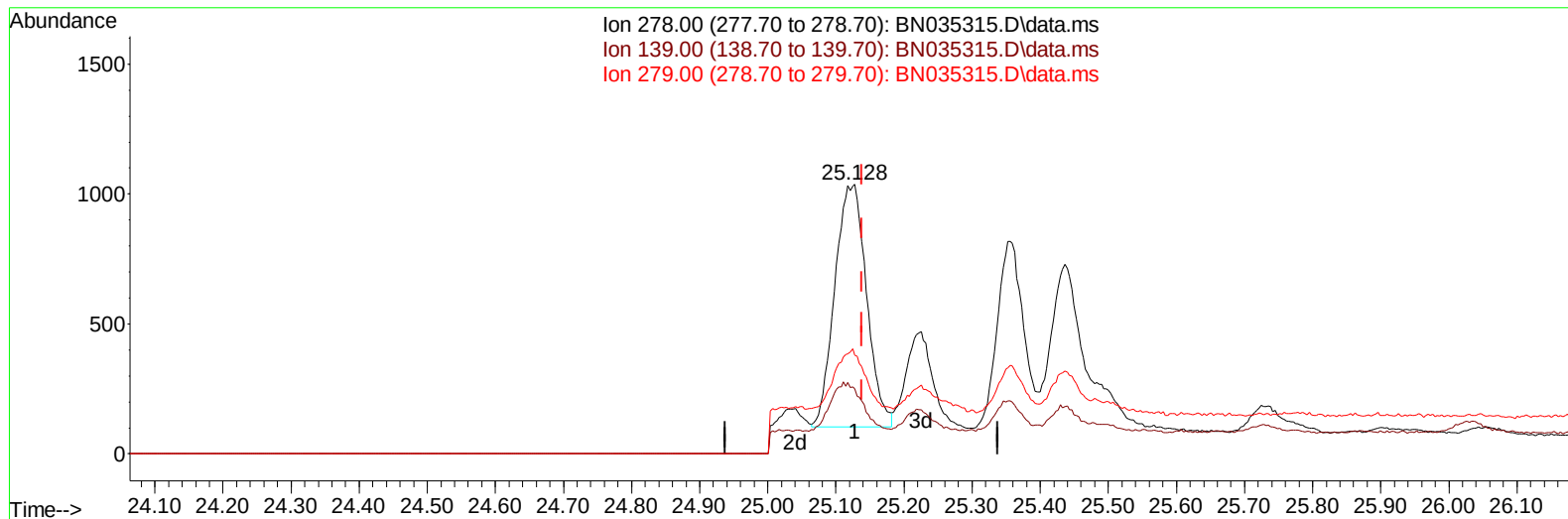
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112624\
Data File : BN035315.D
Acq On : 26 Nov 2024 14:27
Operator : RC/JU
Sample : P4872-19DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29Y6DL

Manual IntegrationsAPPROVED

Quant Time: Nov 26 22:13:39 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

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Supervised By :mohammad ahmed 11/28/2024



TIC: BN035315.D\data.ms

(28) Dibenzo(a,h)anthracene

25.128min (-0.010) 0.11 ng/ul m

response 3008

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.40	24.11#
279.00	28.50	36.74#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112624\
 Data File : BN035315.D
 Acq On : 26 Nov 2024 14:27
 Operator : RC/JU
 Sample : P4872-19DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E29Y6DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/27/2024
 Supervised By :mohammad ahmed 11/28/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.314	152	3749	0.400	ng/ul	0.00
4) Naphthalene-d8	10.058	136	9206	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.972	164	4847	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.734	188	9462	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.979	240	8425	0.400	ng/ul	# 0.00
23) Perylene-d12	23.071	264	8722m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.976	96	4069	1.188	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.664	152	854	0.063	ng/ul	0.00
18) Fluoranthene-d10	18.786	212	1830	0.079	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.685	152	4477	0.233	ng/ul	98
11) Acenaphthene	14.032	153	357	0.024	ng/ul#	90
12) Fluorene	15.036	166	2344	0.136	ng/ul	97
15) Phenanthrene	16.776	178	29390	1.175	ng/ul	99
16) Anthracene	16.869	178	7016	0.302	ng/ul	99
19) Fluoranthene	18.819	202	60616	2.067	ng/ul	97
20) Pyrene	19.186	202	50033	1.639	ng/ul#	94
21) Benzo(a)anthracene	20.961	228	24814	0.849	ng/ul	94
22) Chrysene	21.014	228	23611	0.803	ng/ul	99
24) Benzo(b)fluoranthene	22.460	252	27795m	0.964	ng/ul	
25) Benzo(k)fluoranthene	22.498	252	11913m	0.401	ng/ul	
26) Benzo(a)pyrene	22.980	252	20384	0.774	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.111	276	13427	0.377	ng/ul#	83
28) Dibenzo(a,h)anthracene	25.128	278	3008m	0.108	ng/ul	
29) Benzo(g,h,i)perylene	25.728	276	11508	0.410	ng/ul#	94

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

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