

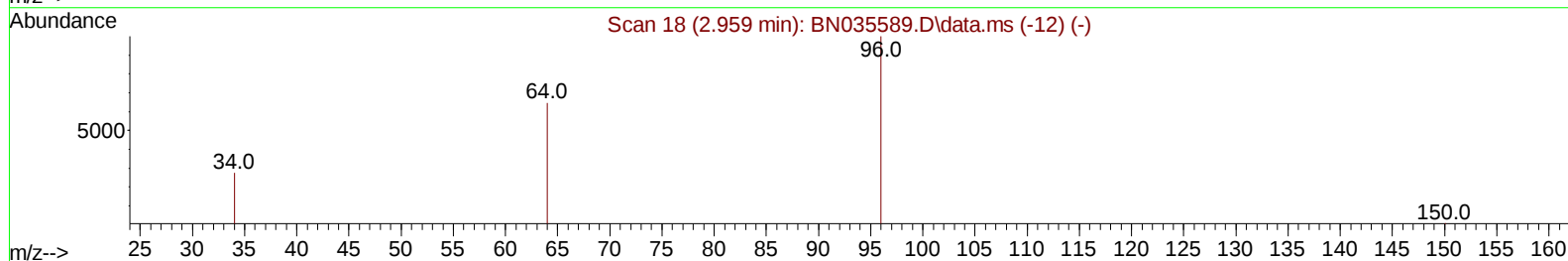
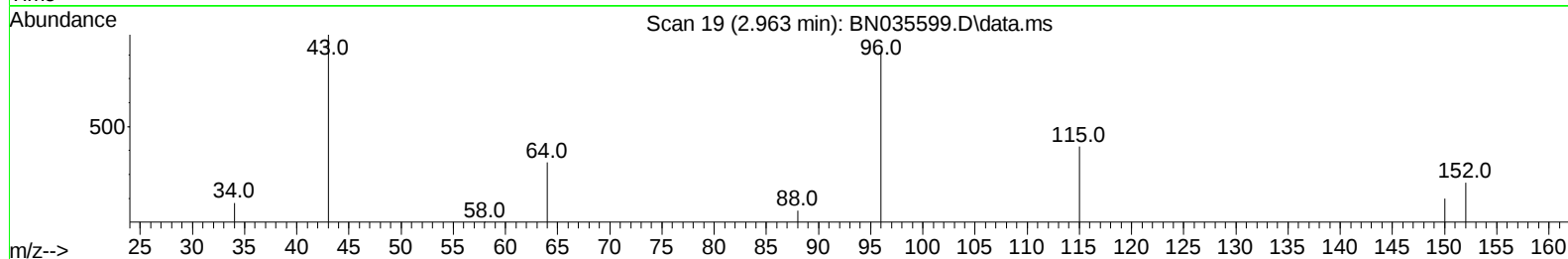
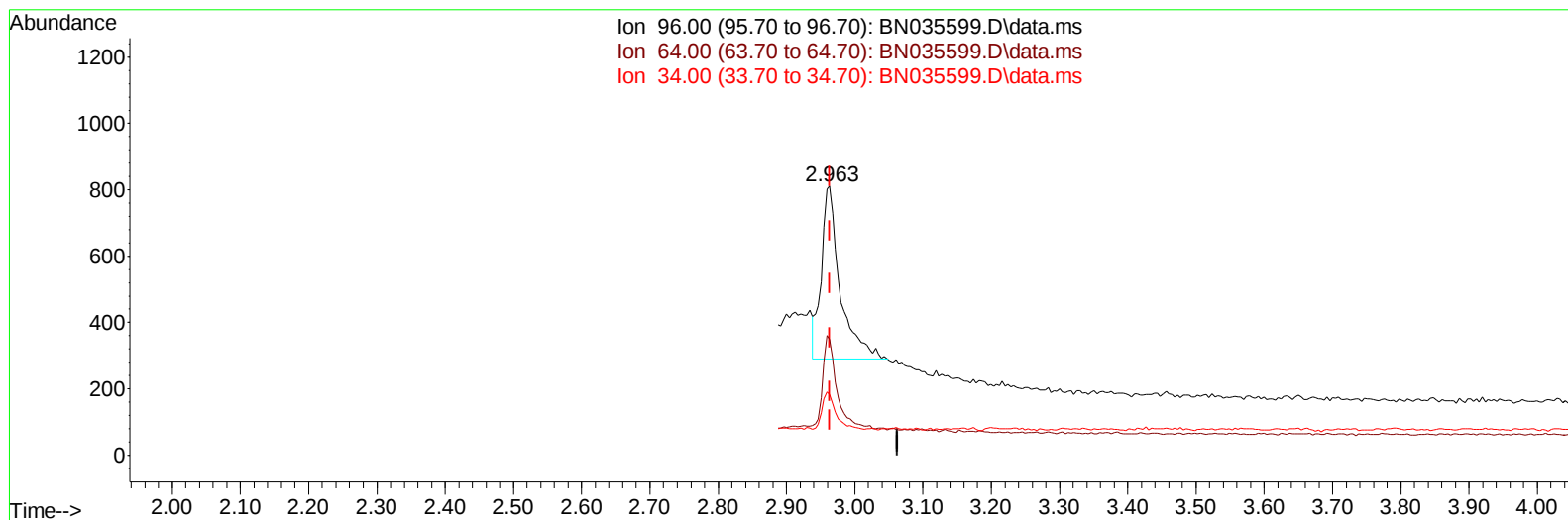
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
Data File : BN035599.D
Acq On : 13 Dec 2024 16:32
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
LabSampleId :
SSTDCCC0.4

Manual IntegrationsAPPROVED

Quant Time: Dec 13 17:17:05 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: BN035599.D\data.ms

(3) 1,4-Dioxane-d8 (S)

2.963min (0.000) 0.67 ng/u1

response 1005

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	62.00	43.16#
34.00	26.30	22.44
0.00	0.00	0.00

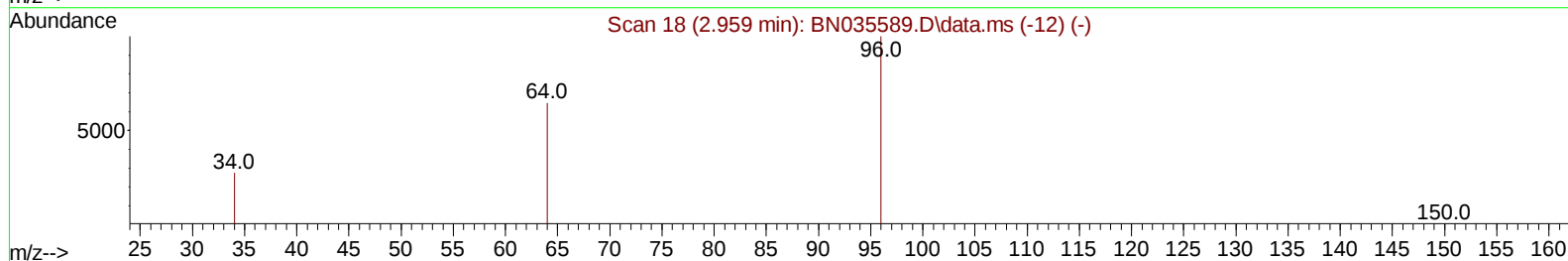
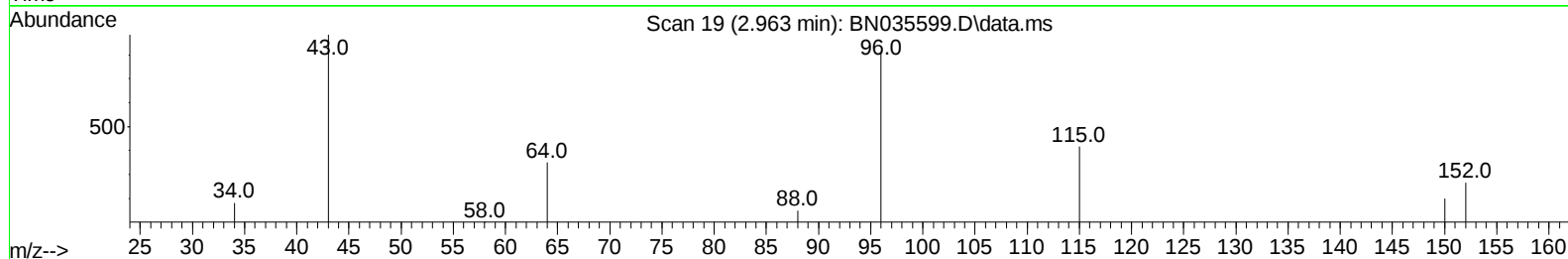
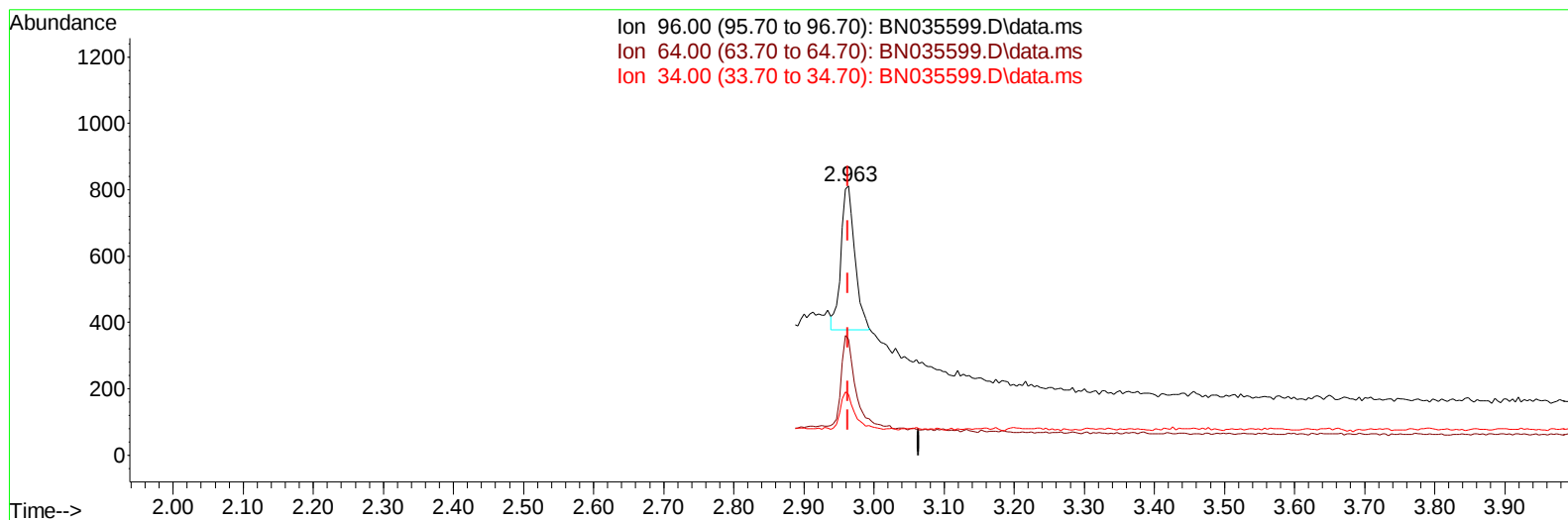
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
Data File : BN035599.D
Acq On : 13 Dec 2024 16:32
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
LabSampleId :
SSTDCCC0.4

Manual IntegrationsAPPROVED

Quant Time: Dec 13 17:17:05 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: BN035599.D\data.ms

(3) 1,4-Dioxane-d8 (S)

2.963min (0.000) 0.39 ng/ul m

response 594

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	62.00	43.16#
34.00	26.30	22.44
0.00	0.00	0.00

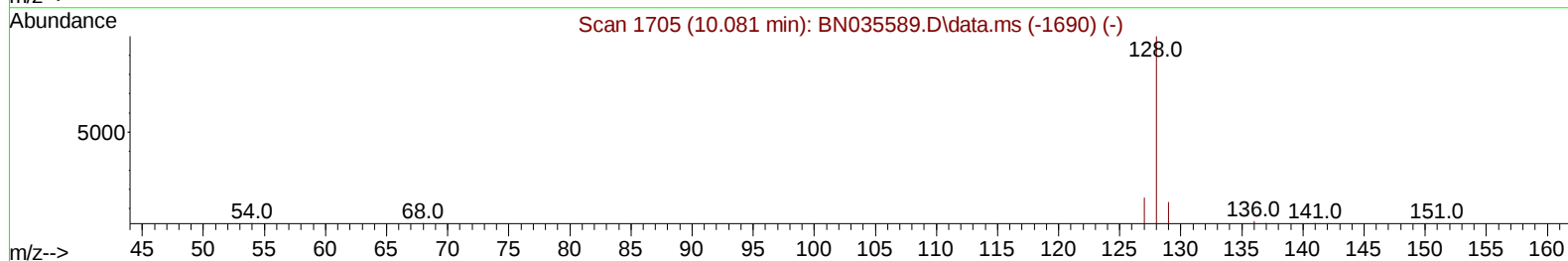
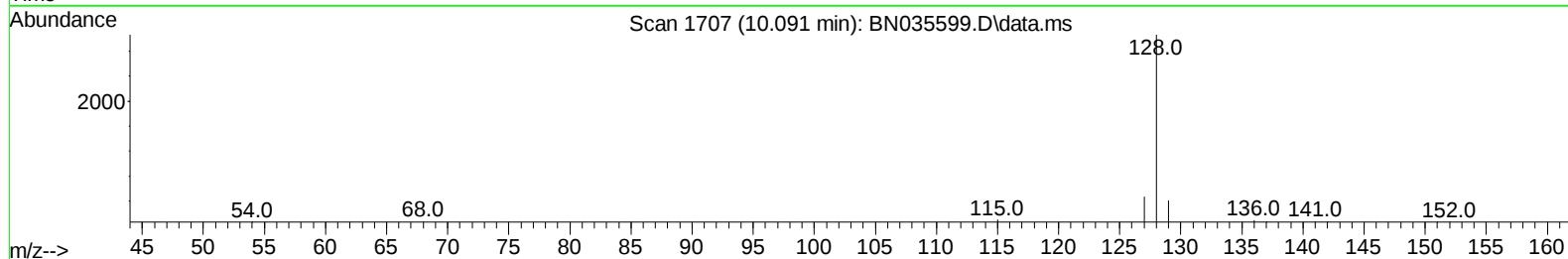
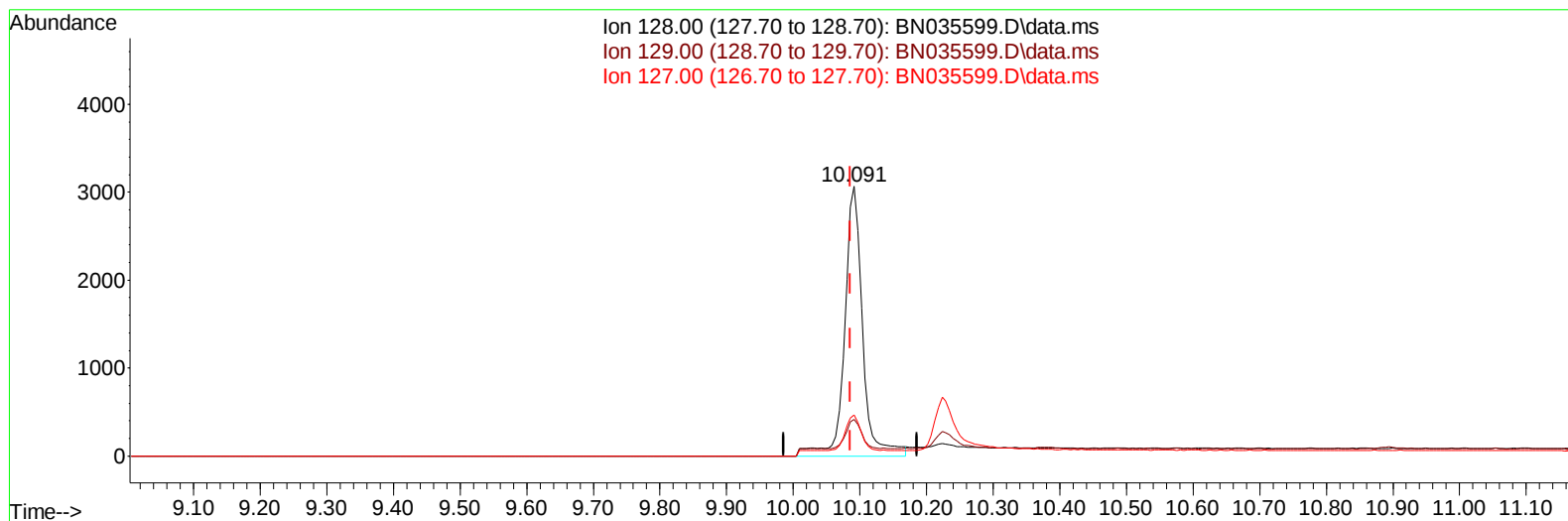
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
Data File : BN035599.D
Acq On : 13 Dec 2024 16:32
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
LabSampleId :
SSTDCCC0.4

Manual IntegrationsAPPROVED

Quant Time: Dec 13 17:17:05 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: BN035599.D\data.ms

(5) Naphthalene

10.091min (+ 0.005) 0.44 ng/u1

response 5734

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	12.40	13.54
127.00	14.30	15.33
0.00	0.00	0.00

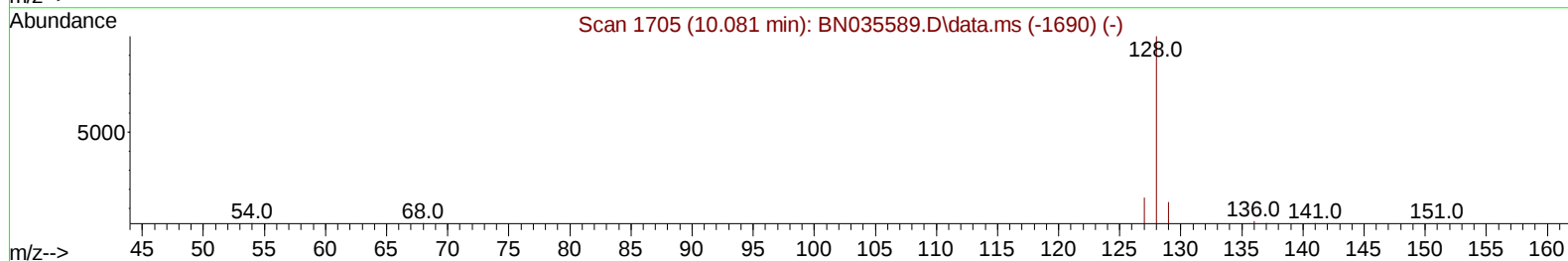
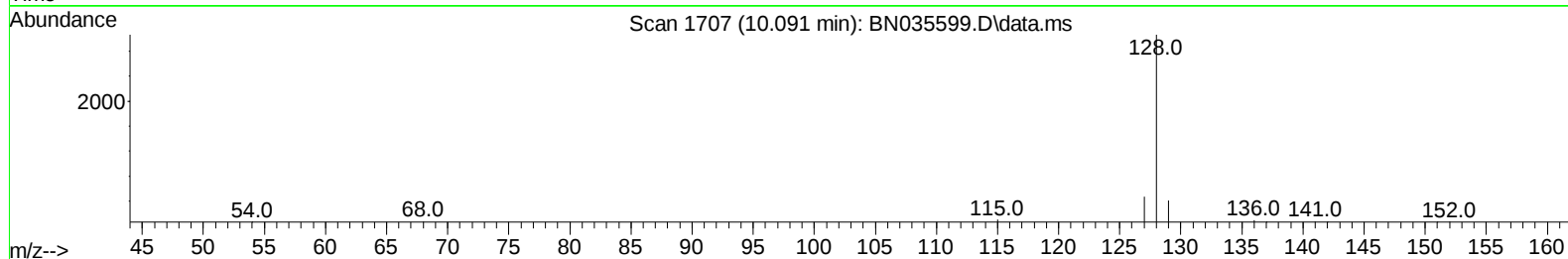
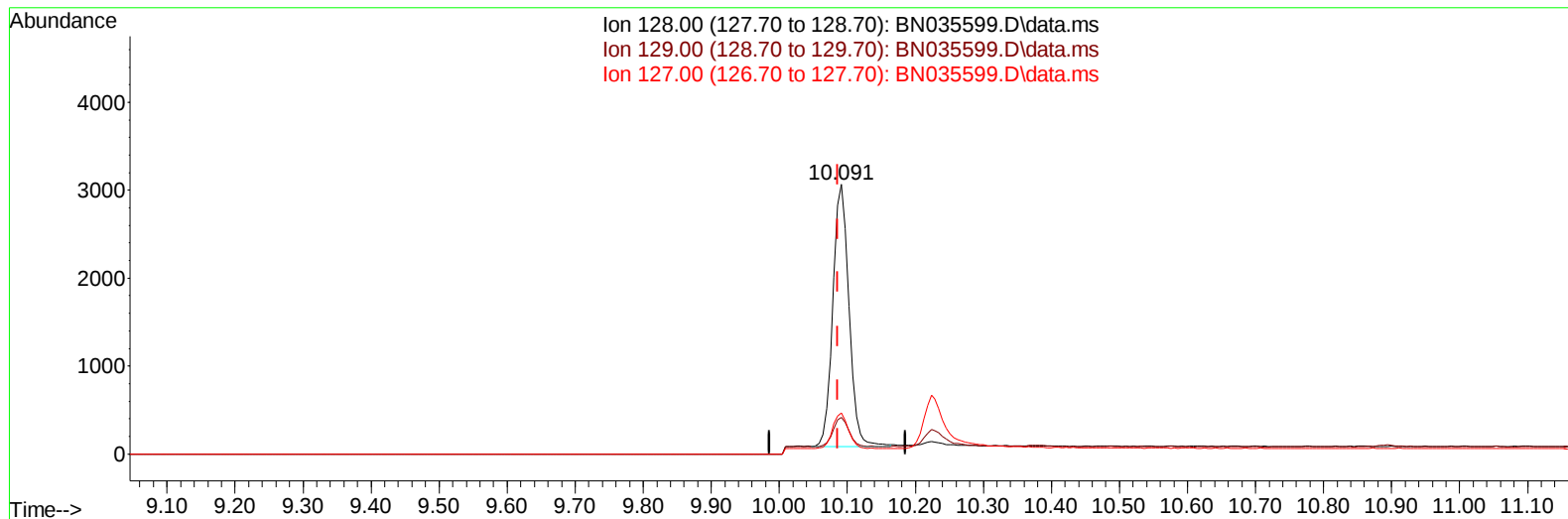
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
Data File : BN035599.D
Acq On : 13 Dec 2024 16:32
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
LabSampleId :
SSTDCCC0.4

Manual IntegrationsAPPROVED

Quant Time: Dec 13 17:17:05 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: BN035599.D\data.ms

(5) Naphthalene

10.091min (+ 0.005) 0.38 ng/ul m

response 4932

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	12.40	13.54
127.00	14.30	15.33
0.00	0.00	0.00

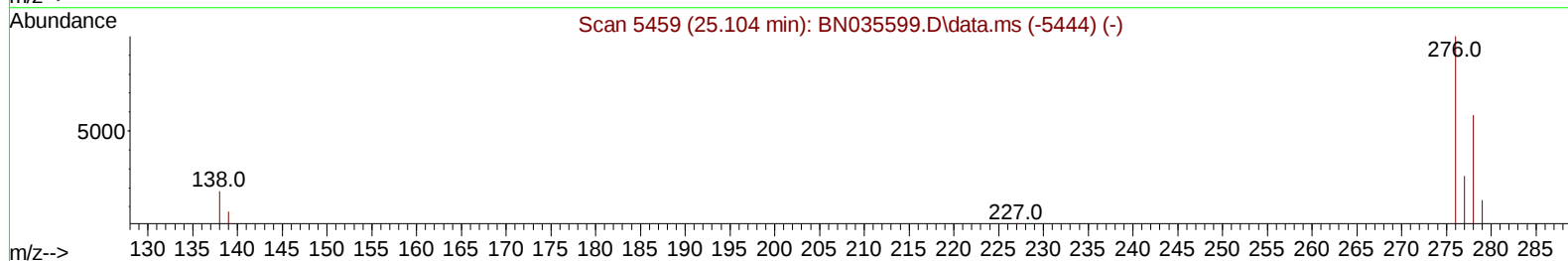
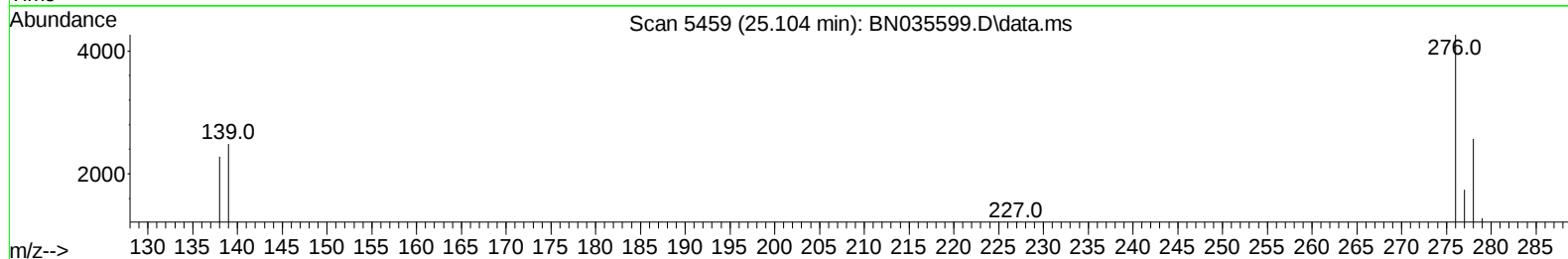
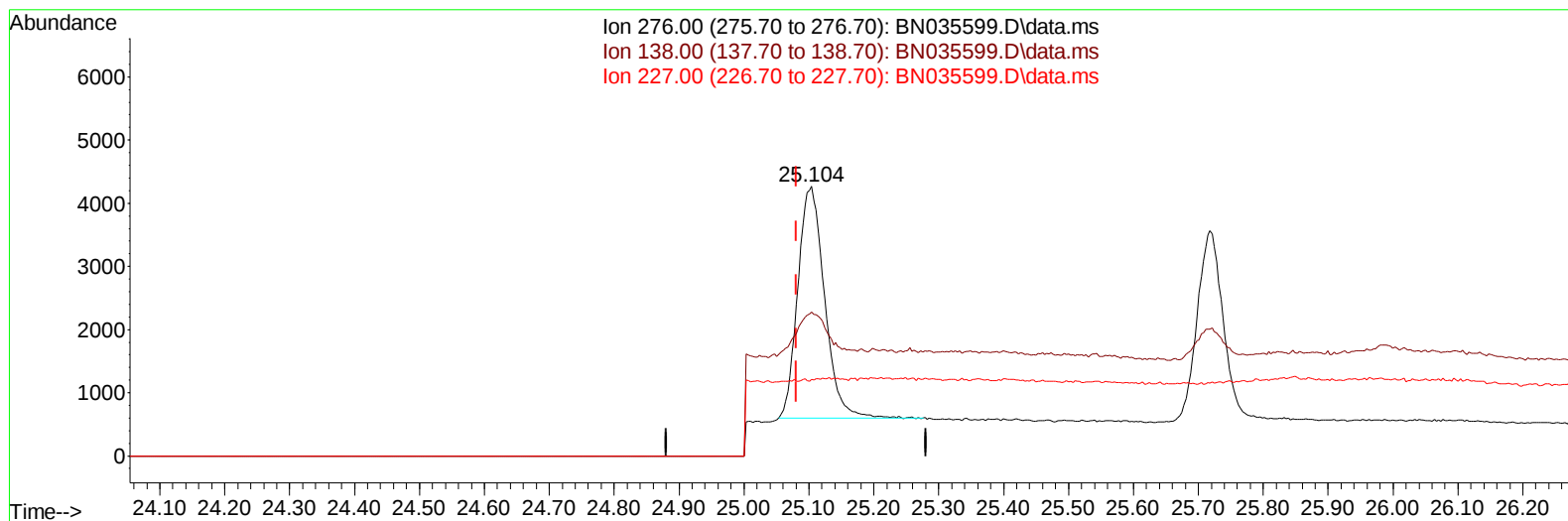
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
Data File : BN035599.D
Acq On : 13 Dec 2024 16:32
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
LabSampleId :
SSTDCCC0.4

Manual IntegrationsAPPROVED

Quant Time: Dec 13 17:17:05 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: BN035599.D\data.ms

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

25.104min (+ 0.023) 0.33 ng/u1

response 10556

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.30	273.67#
227.00	0.30	0.00#
0.00	0.00	0.00

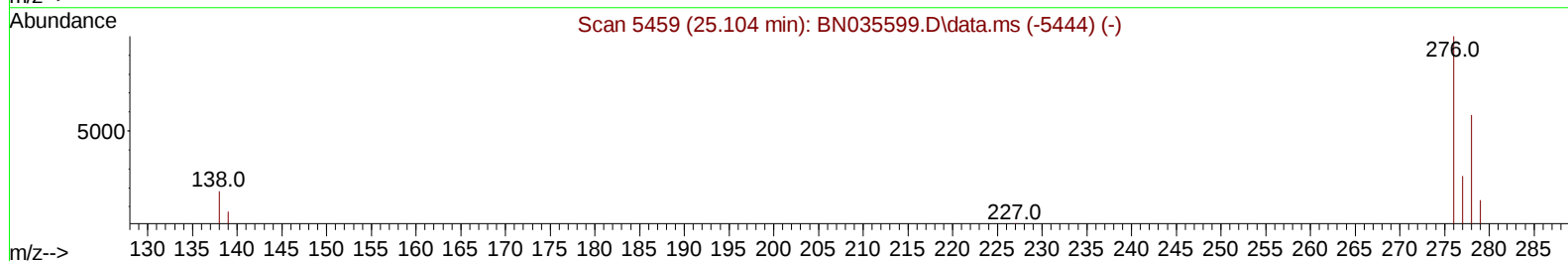
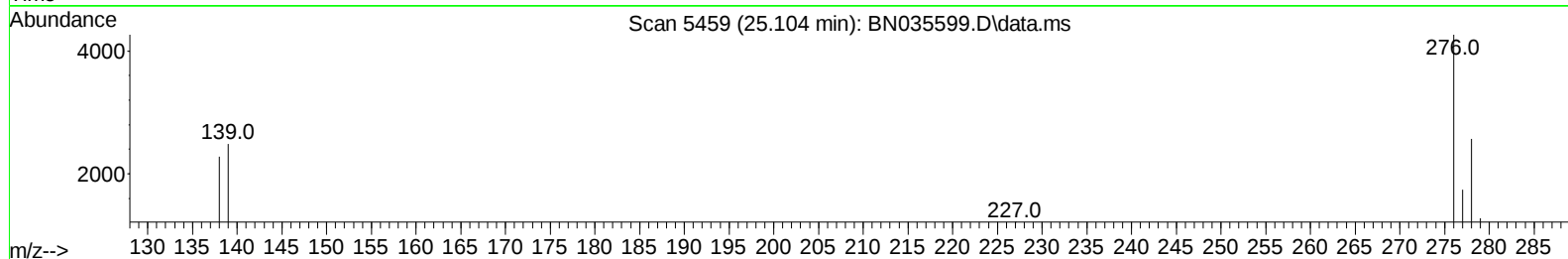
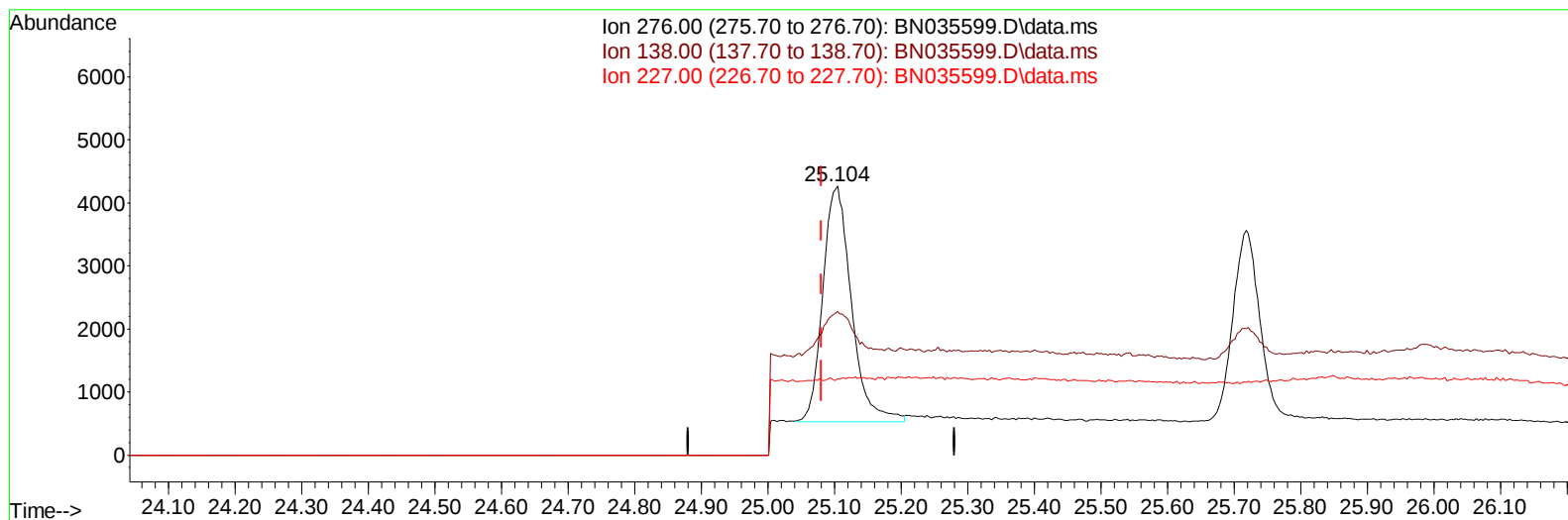
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
Data File : BN035599.D
Acq On : 13 Dec 2024 16:32
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
LabSampleId :
SSTDCCC0.4

Manual IntegrationsAPPROVED

Quant Time: Dec 13 17:17:05 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: BN035599.D\data.ms

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

25.104min (+ 0.023) 0.35 ng/ul m

response 11109

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.30	260.05#
227.00	0.30	0.00#
0.00	0.00	0.00

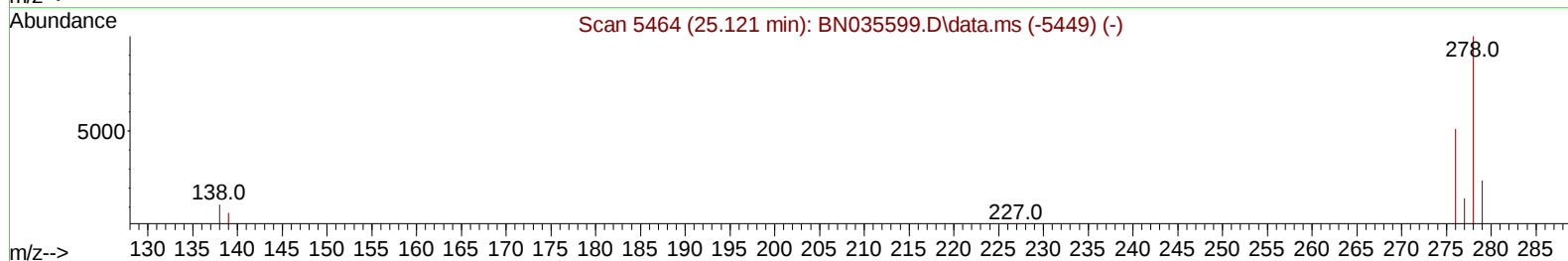
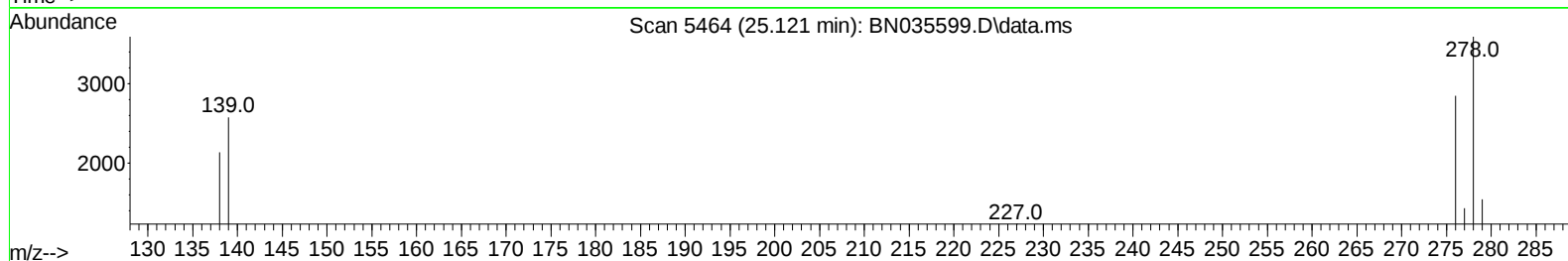
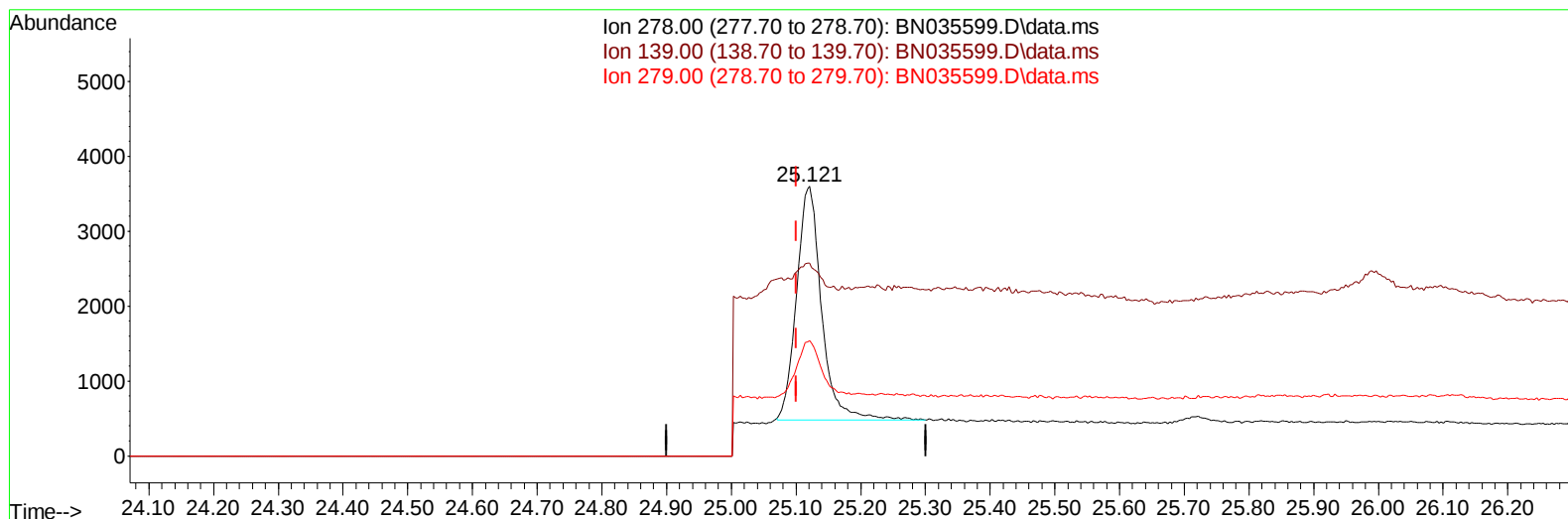
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
Data File : BN035599.D
Acq On : 13 Dec 2024 16:32
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
LabSampleId :
SSTDCCC0.4

Manual IntegrationsAPPROVED

Quant Time: Dec 13 17:17:05 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: BN035599.D\data.ms

(28) Dibenzo(a,h)anthracene

25.121min (+ 0.020) 0.33 ng/u1

response 8323

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.40	71.66#
279.00	28.50	42.83#
0.00	0.00	0.00

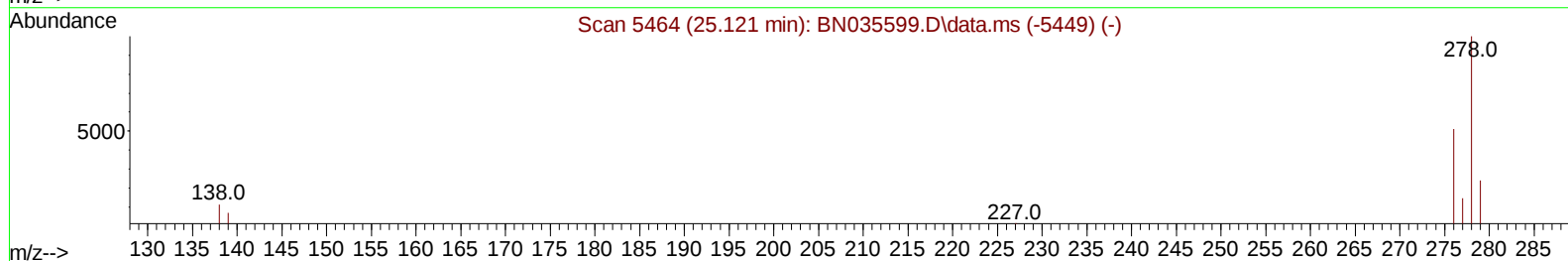
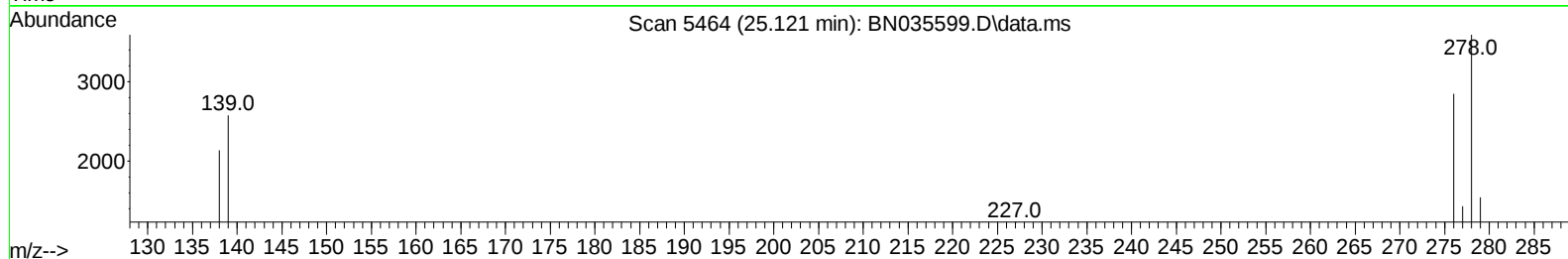
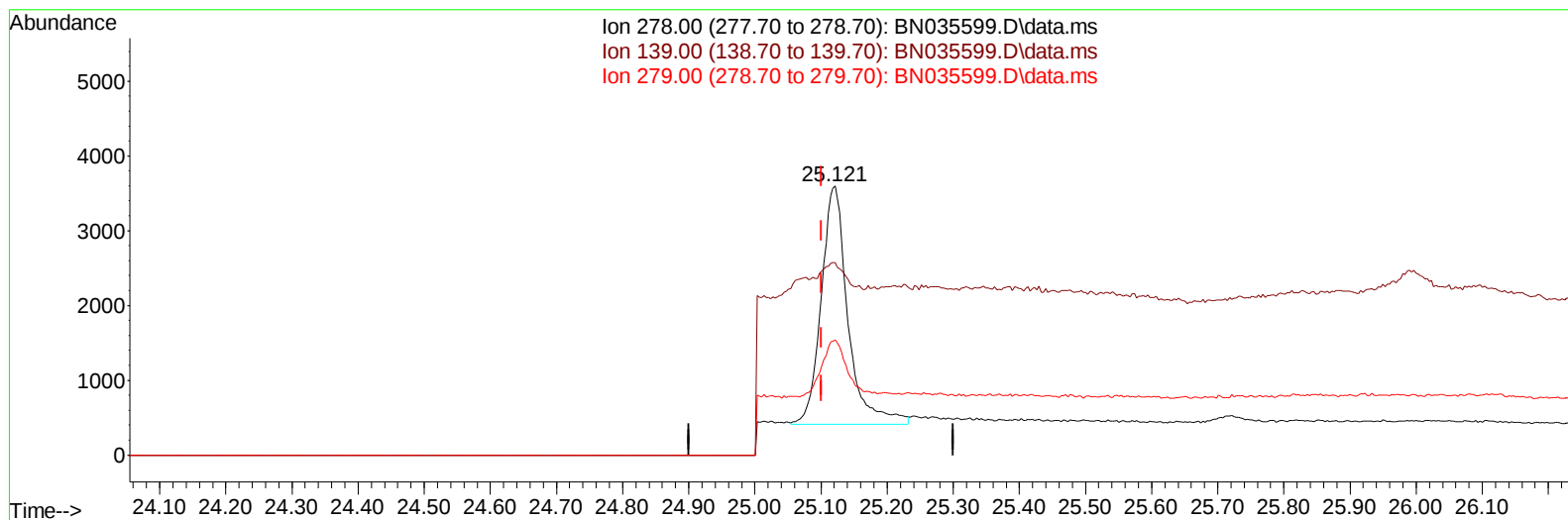
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
Data File : BN035599.D
Acq On : 13 Dec 2024 16:32
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
LabSampleId :
SSTDCCC0.4

Manual IntegrationsAPPROVED

Quant Time: Dec 13 17:17:05 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: BN035599.D\data.ms

(28) Dibenzo(a,h)anthracene

25.121min (+ 0.020) 0.36 ng/ul m

response 9021

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.40	71.66#
279.00	28.50	42.83#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
 Data File : BN035599.D
 Acq On : 13 Dec 2024 16:32
 Operator : RC/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 LabSampleId :
 SSTDCCC0.4

Manual IntegrationsAPPROVED

Quant Time: Dec 13 17:17:05 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

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.297	152		1651	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.042	136		5135	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	13.958	164		3570	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.726	188		7962	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.970	240		6910	0.400	ng/ul	# 0.00
23) Perylene-d12	23.062	264		7819	0.400	ng/ul	# 0.01
System Monitoring Compounds							
3) 1,4-Dioxane-d8	2.963	96		594m	0.394	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.648	152		3046	0.405	ng/ul	0.00
18) Fluoranthene-d10	18.777	212		8396	0.440	ng/ul	0.00
Target Compounds							
							Qvalue
2) 1,4-Dioxane	2.993	88		685	0.418	ng/ul#	9
5) Naphthalene	10.091	128		4932m	0.381	ng/ul	
7) 2-Methylnaphthalene	11.719	142		3524	0.393	ng/ul	97
8) 1-Methylnaphthalene	11.950	142		3635	0.401	ng/ul	98
10) Acenaphthylene	13.671	152		5841	0.412	ng/ul	98
11) Acenaphthene	14.018	153		4368	0.403	ng/ul	96
12) Fluorene	15.022	166		5044	0.397	ng/ul	99
14) Pentachlorophenol	16.392	266		1028	0.554	ng/ul	96
15) Phenanthrene	16.768	178		8246	0.392	ng/ul	97
16) Anthracene	16.857	178		8135	0.416	ng/ul	97
19) Fluoranthene	18.809	202		10083	0.419	ng/ul#	96
20) Pyrene	19.176	202		11722	0.468	ng/ul#	93
21) Benzo(a)anthracene	20.955	228		9692	0.404	ng/ul#	85
22) Chrysene	21.005	228		9594	0.398	ng/ul#	85
24) Benzo(b)fluoranthene	22.448	252		9762	0.378	ng/ul#	44
25) Benzo(k)fluoranthene	22.489	252		10507	0.394	ng/ul#	37
26) Benzo(a)pyrene	22.972	252		9356	0.396	ng/ul#	30
27) Indeno(1,2,3-cd)pyrene	25.104	276		11109m	0.348	ng/ul	
28) Dibenzo(a,h)anthracene	25.121	278		9021m	0.361	ng/ul	
29) Benzo(g,h,i)perylene	25.718	276		8899	0.354	ng/ul#	43

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

