

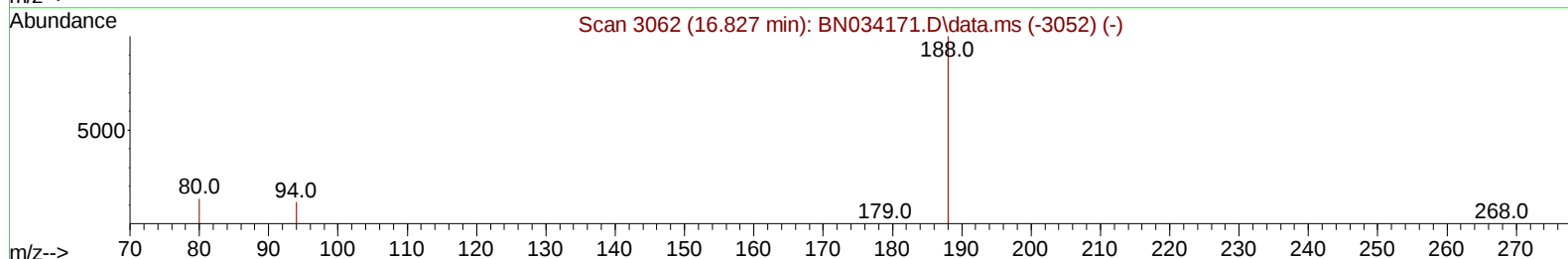
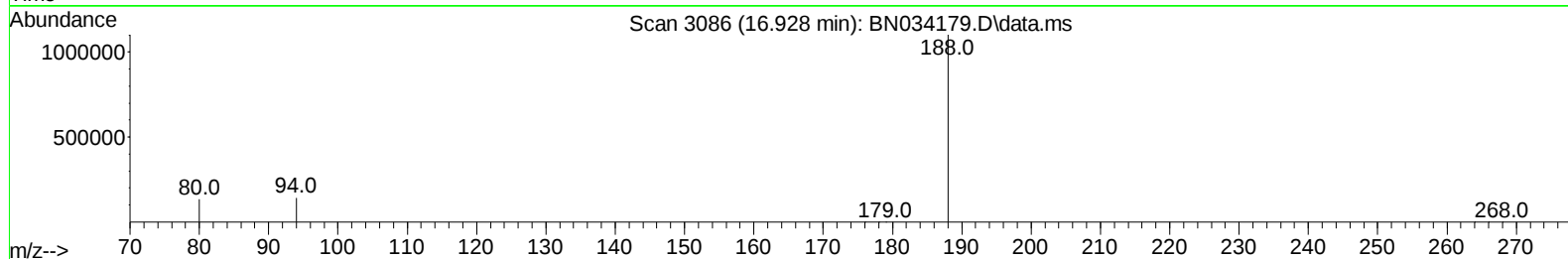
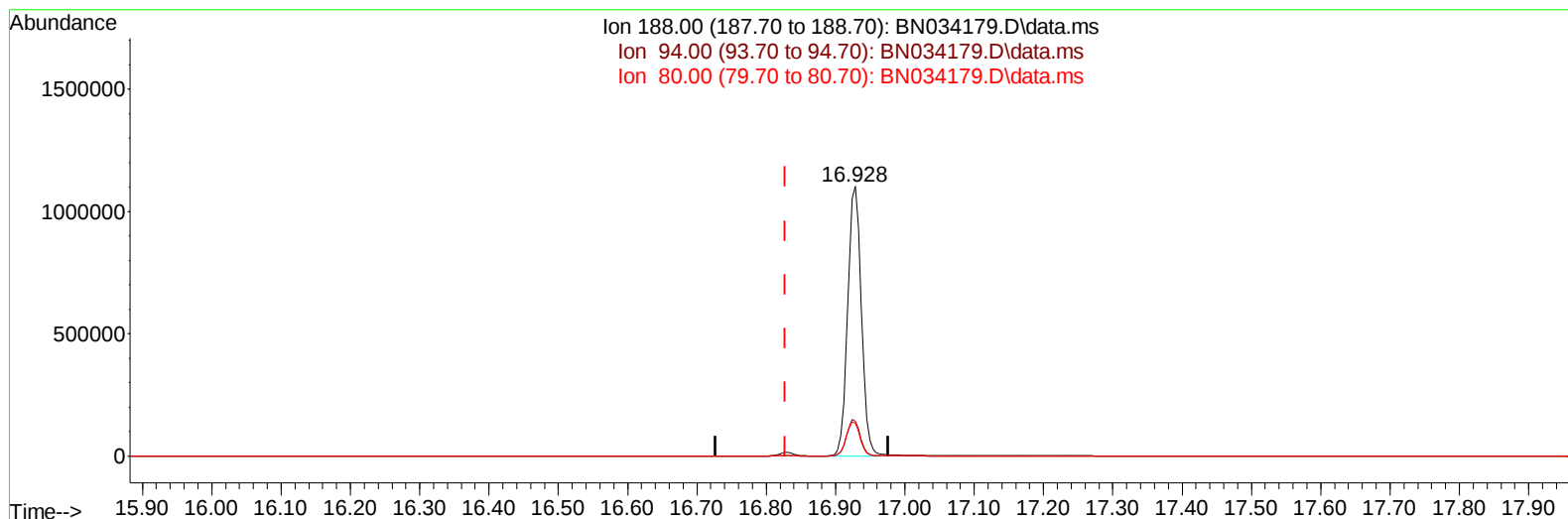
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092424\
Data File : BN034179.D
Acq On : 24 Sep 2024 00:04
Operator : RC/JU
Sample : P4092-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0B37

Manual IntegrationsAPPROVED

Quant Time: Sep 24 01:51:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN082724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 23 19:39:10 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



TIC: BN034179.D\data.ms

(13) Phenanthrene-d10 (I)

16.928min (+ 0.101) 0.40 ng/u1

response 1504877

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.30	12.92#
80.00	11.50	12.05
0.00	0.00	0.00

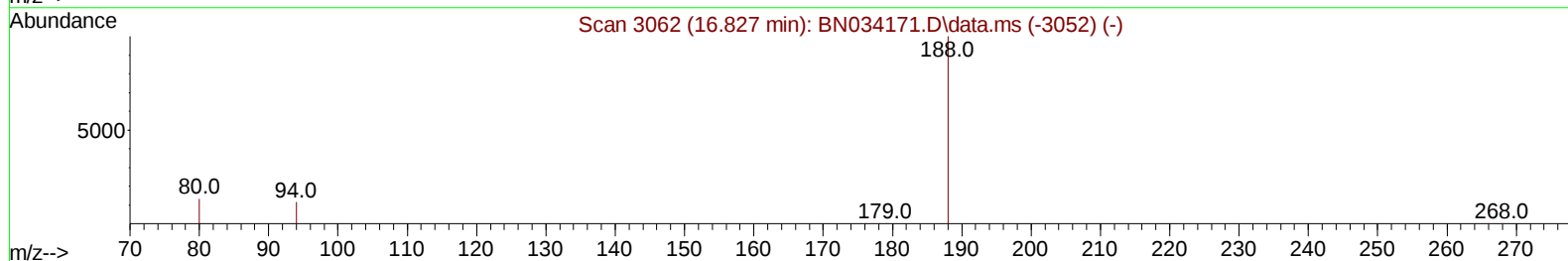
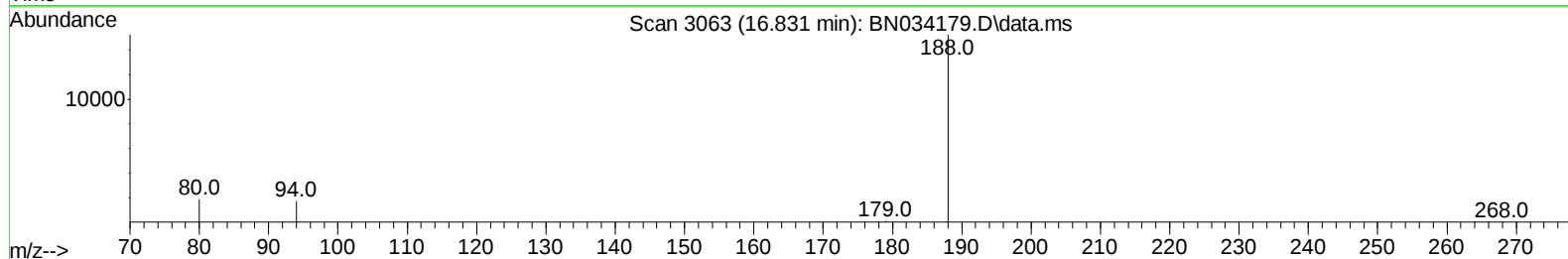
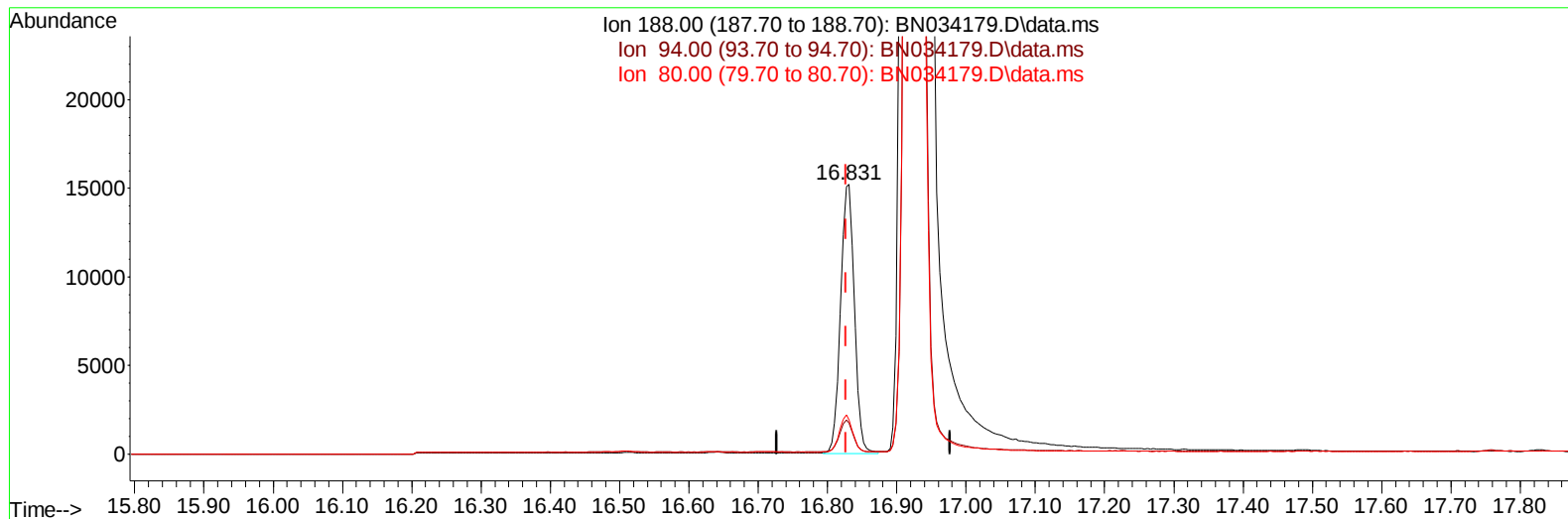
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092424\
Data File : BN034179.D
Acq On : 24 Sep 2024 00:04
Operator : RC/JU
Sample : P4092-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0B37

Manual IntegrationsAPPROVED

Quant Time: Sep 24 01:51:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN082724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 23 19:39:10 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



TIC: BN034179.D\data.ms

(13) Phenanthrene-d10 (I)

16.831min (+ 0.004) 0.40 ng/ul m

response 20822

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.30	11.49
80.00	11.50	12.56
0.00	0.00	0.00

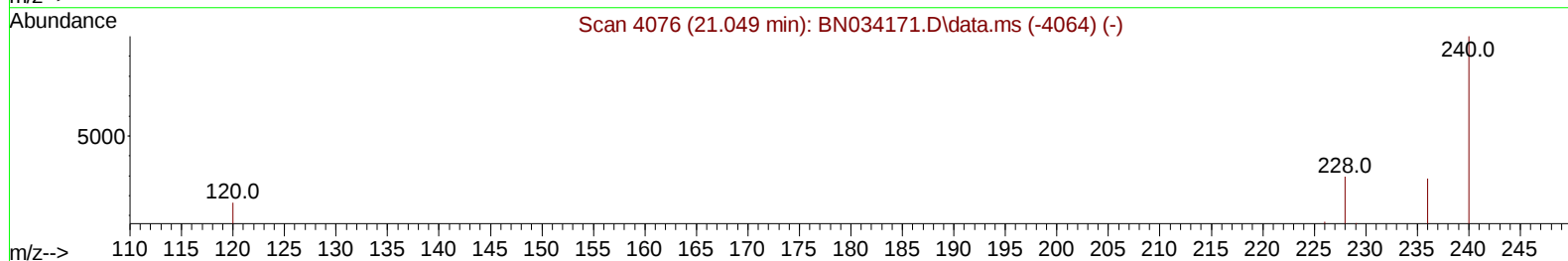
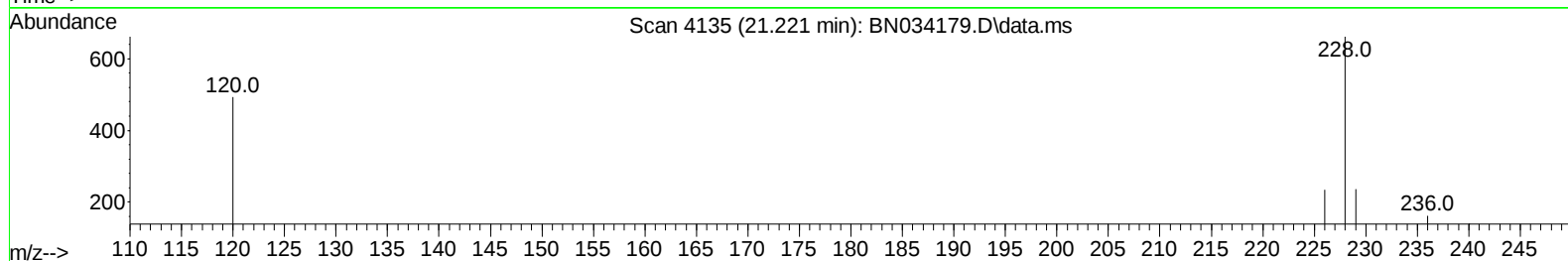
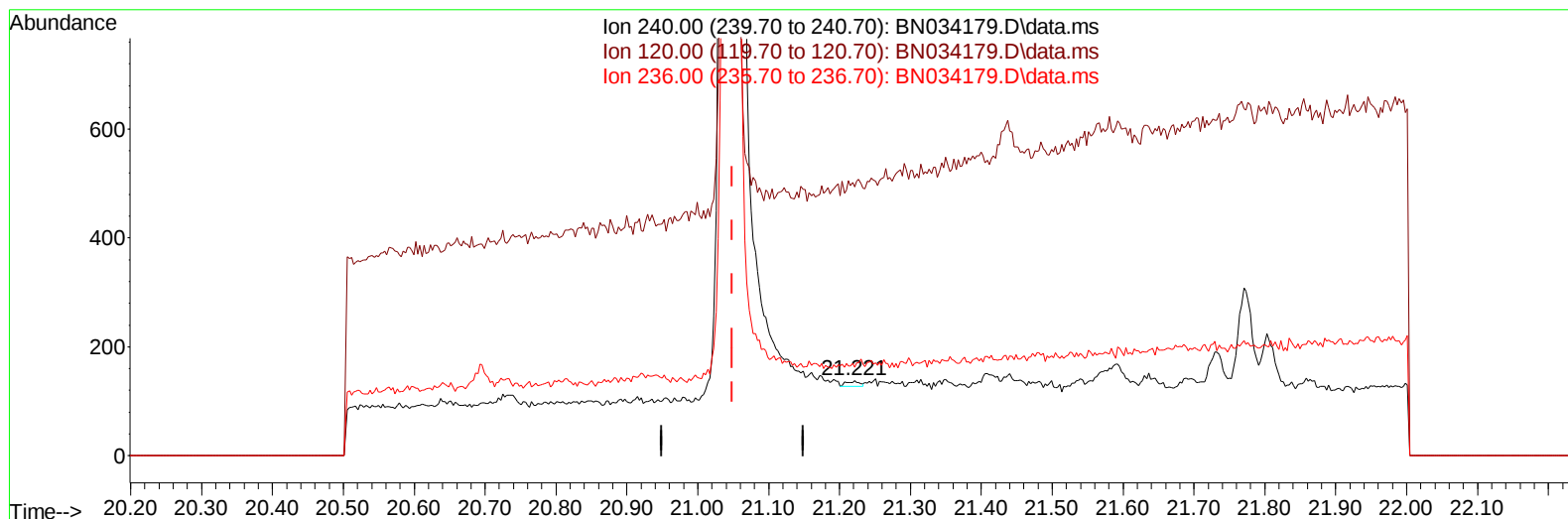
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092424\
Data File : BN034179.D
Acq On : 24 Sep 2024 00:04
Operator : RC/JU
Sample : P4092-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0B37

Manual IntegrationsAPPROVED

Quant Time: Sep 24 01:51:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN082724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 23 19:39:10 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



TIC: BN034179.D\data.ms

(17) Chrysene-d12

21.221min (+ 0.172) 0.40 ng/u1

response 12

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.40	357.97#
236.00	28.30	117.39#
0.00	0.00	0.00

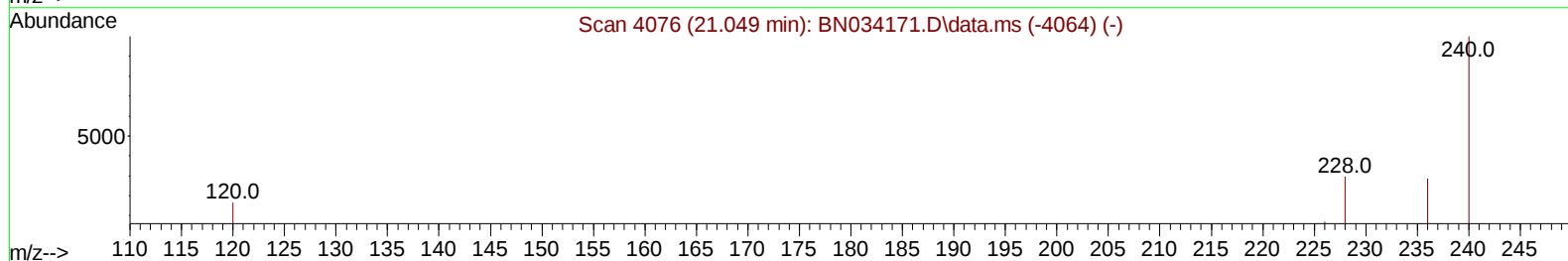
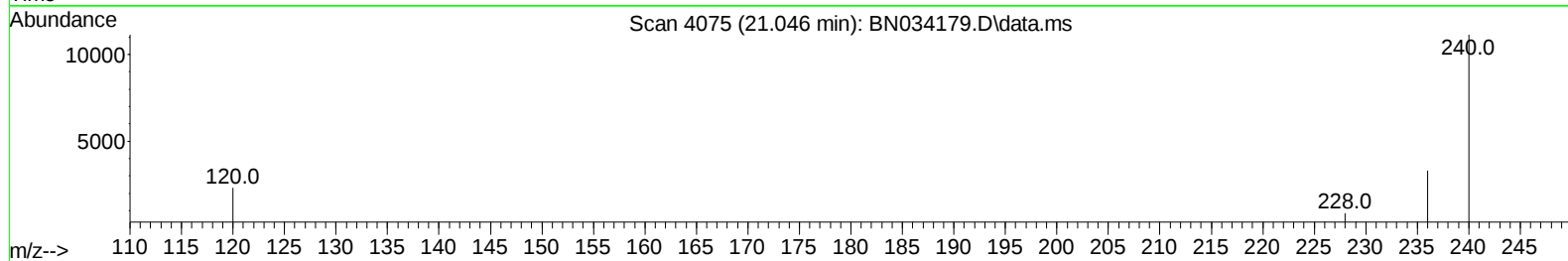
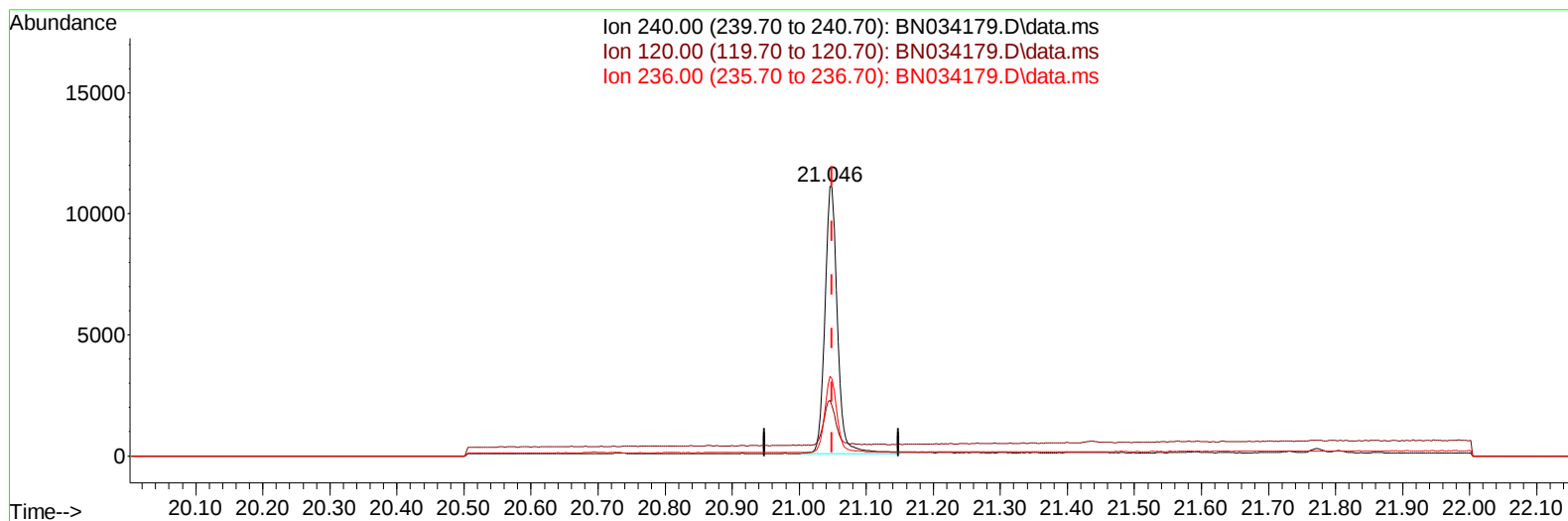
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092424\
Data File : BN034179.D
Acq On : 24 Sep 2024 00:04
Operator : RC/JU
Sample : P4092-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0B37

Manual IntegrationsAPPROVED

Quant Time: Sep 24 01:51:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN082724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 23 19:39:10 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



TIC: BN034179.D\data.ms

(17) Chrysene-d12

21.046min (-0.003) 0.40 ng/ul m

response 14182

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.40	20.67#
236.00	28.30	29.56
0.00	0.00	0.00

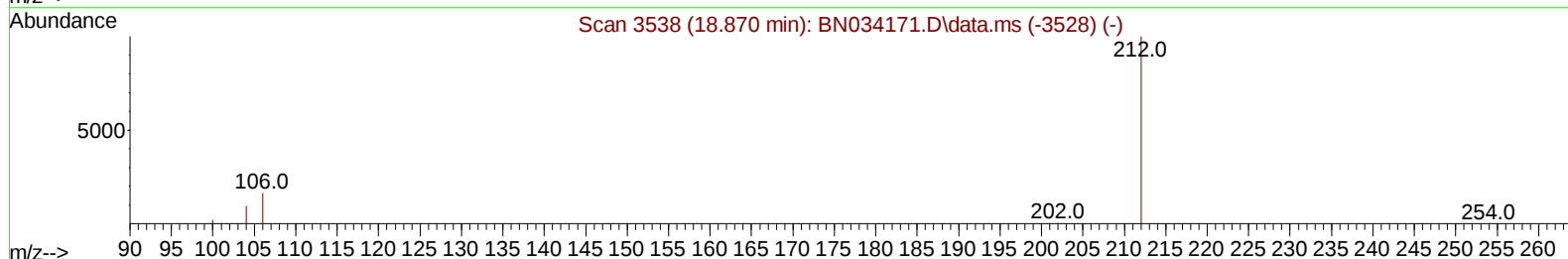
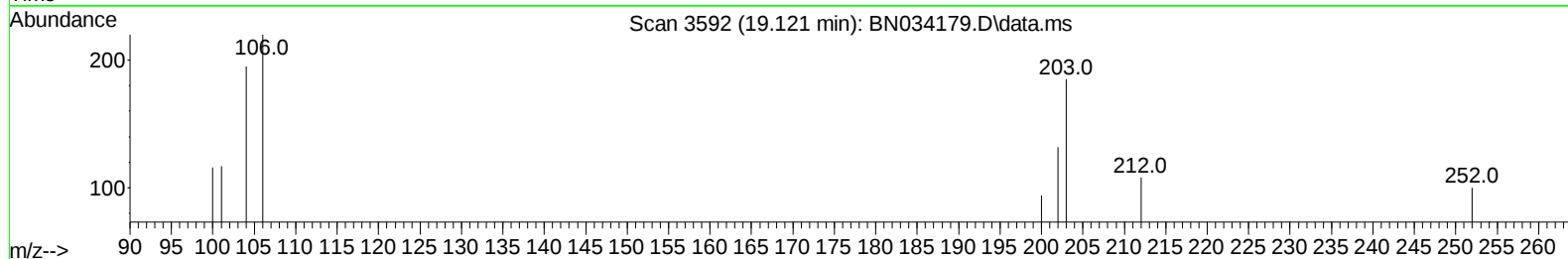
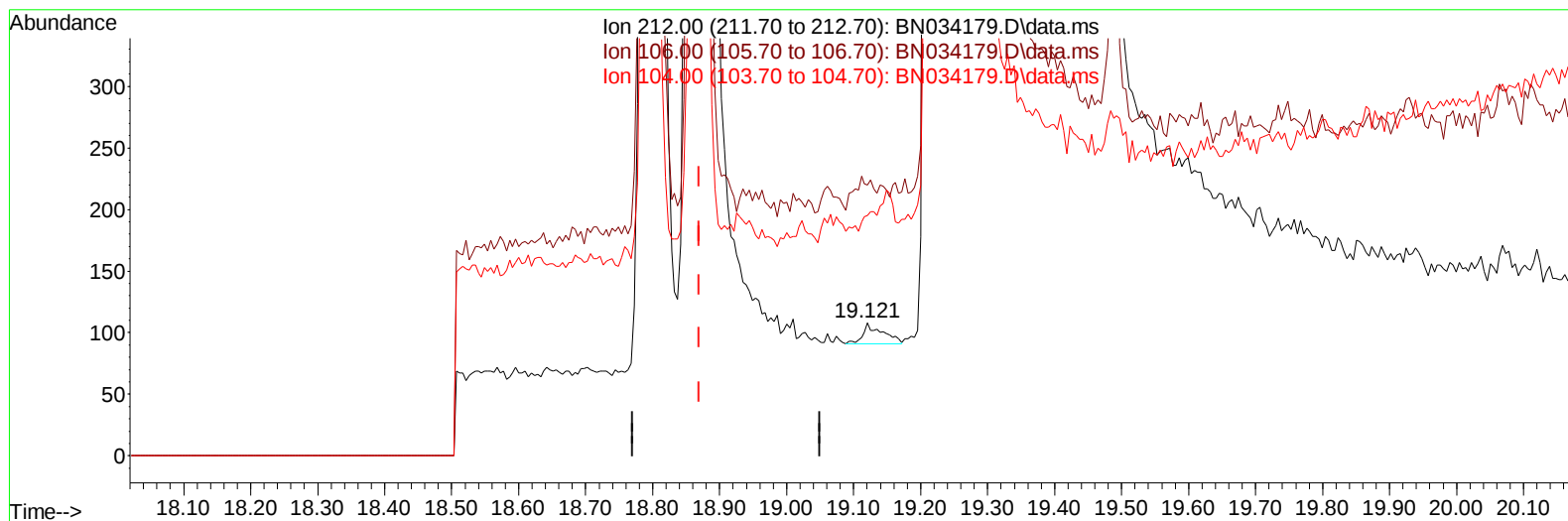
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092424\
Data File : BN034179.D
Acq On : 24 Sep 2024 00:04
Operator : RC/JU
Sample : P4092-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0B37

Manual IntegrationsAPPROVED

Quant Time: Sep 24 01:51:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN082724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 23 19:39:10 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



TIC: BN034179.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.121min (+ 0.251) 0.00 ng/u1

response 34

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.40	158.82#
104.00	8.30	0.00#
0.00	0.00	0.00

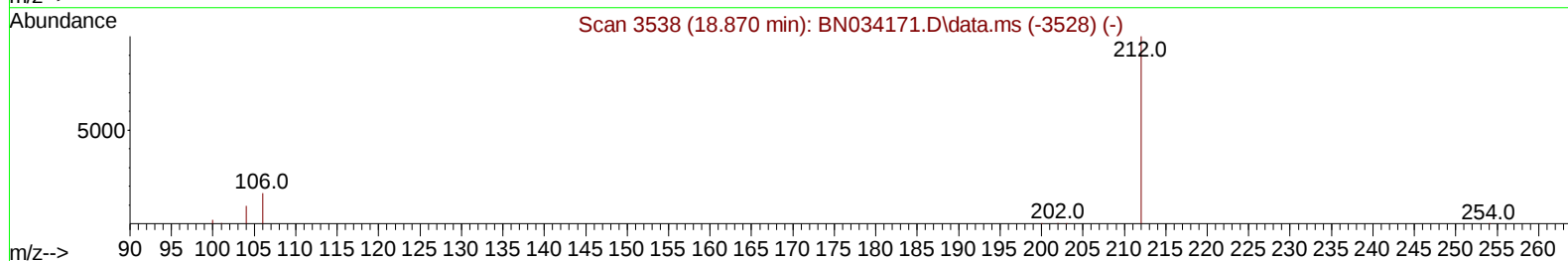
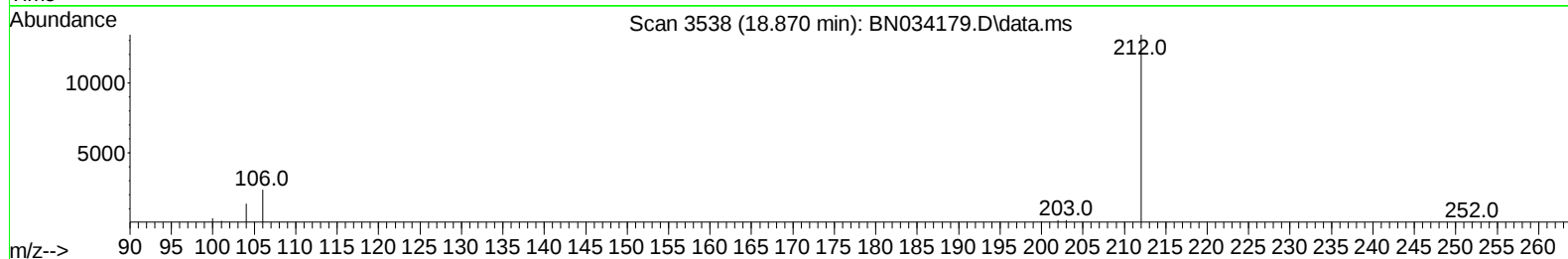
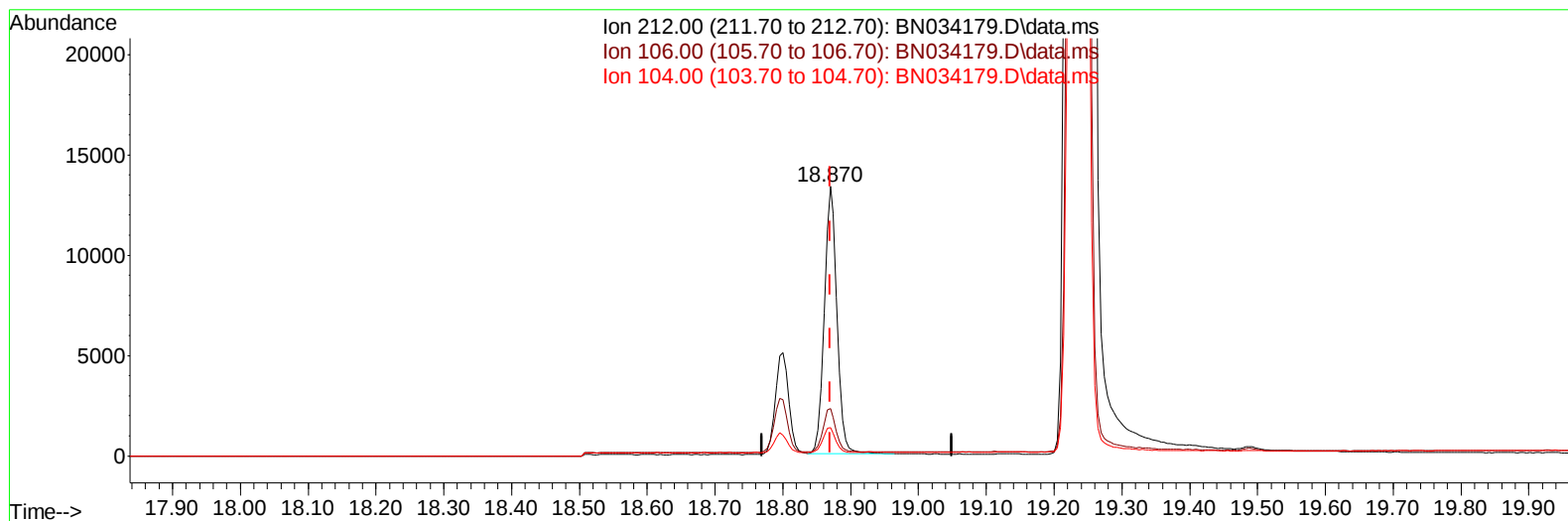
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092424\
Data File : BN034179.D
Acq On : 24 Sep 2024 00:04
Operator : RC/JU
Sample : P4092-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0B37

Manual IntegrationsAPPROVED

Quant Time: Sep 24 01:51:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN082724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 23 19:39:10 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



TIC: BN034179.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.870min (+ 0.000) 0.42 ng/ul m

response 17689

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.40	0.31#
104.00	8.30	0.00#
0.00	0.00	0.00

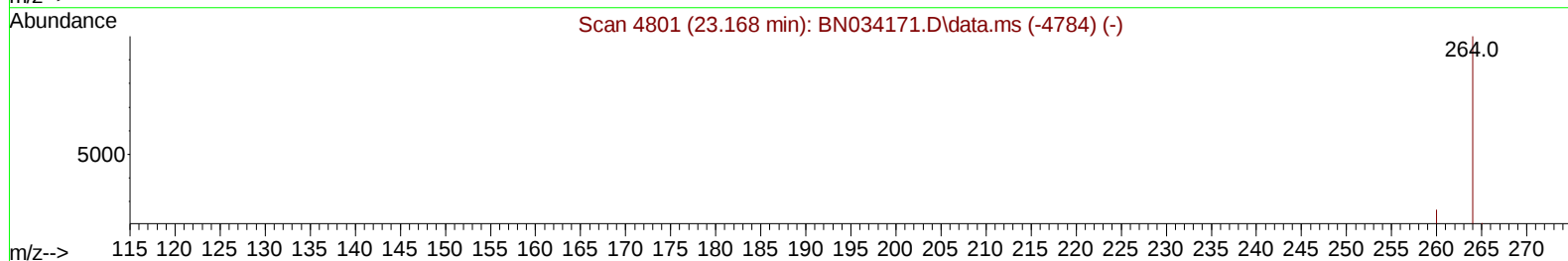
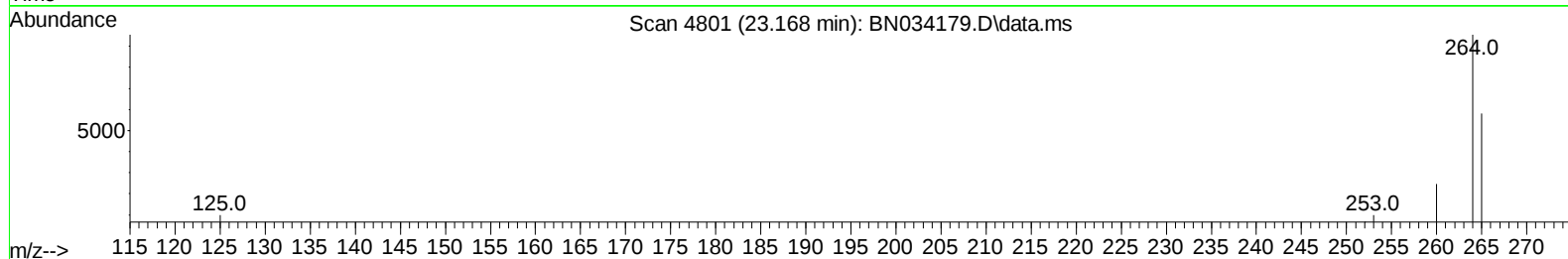
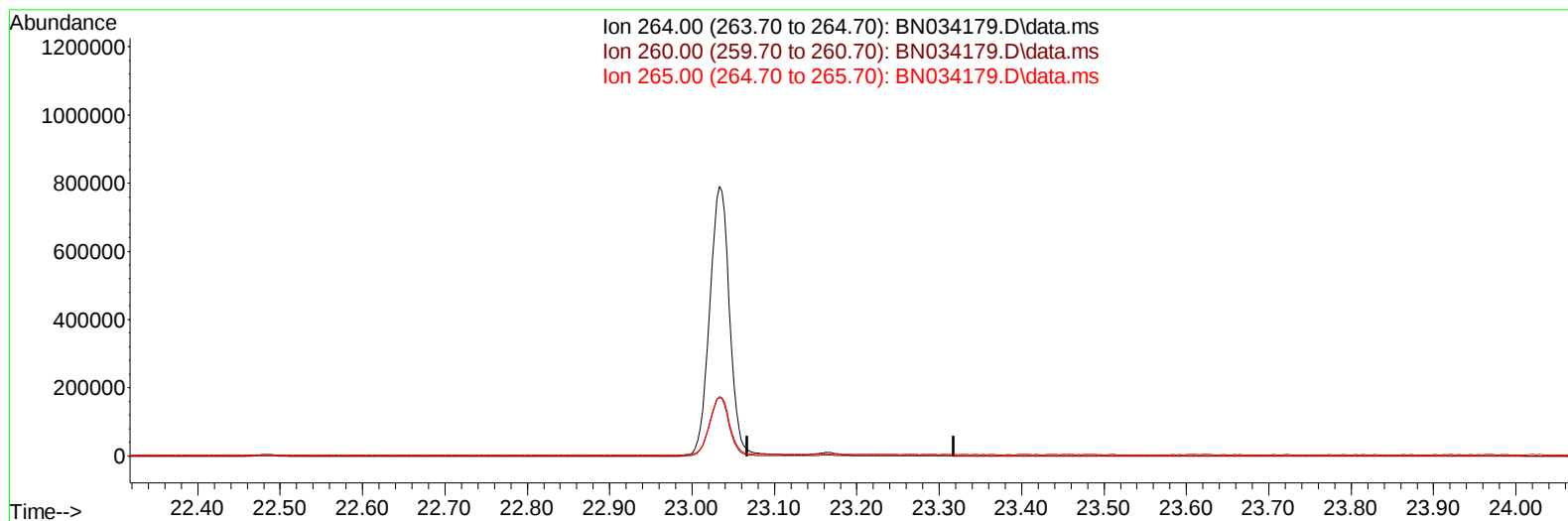
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092424\
Data File : BN034179.D
Acq On : 24 Sep 2024 00:04
Operator : RC/JU
Sample : P4092-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0B37

Manual IntegrationsAPPROVED

Quant Time: Sep 24 01:51:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN082724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 23 19:39:10 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



TIC: BN034179.D\data.ms

(23) Perylene-d12 (I)

23.168min (-23.168) 0.00 ng/u1

response 0

Ion	Exp%	Act%
264.00	100.00	0.00
260.00	26.60	0.00#
265.00	73.30	0.00#
0.00	0.00	0.00

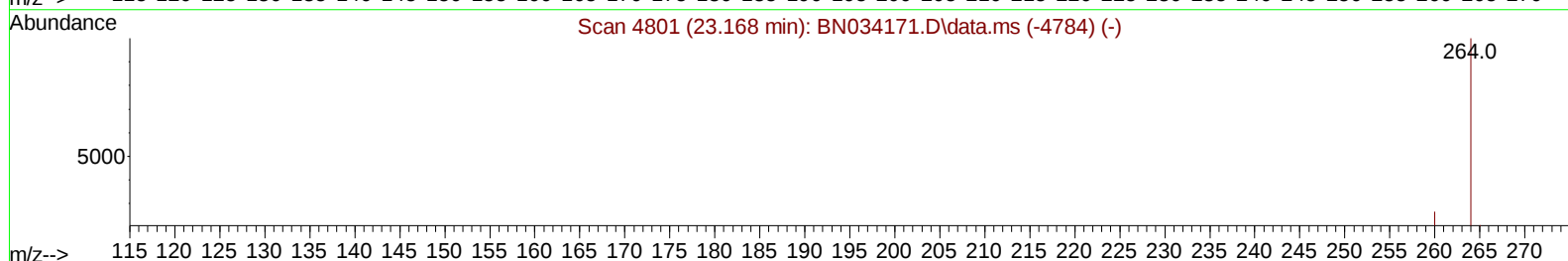
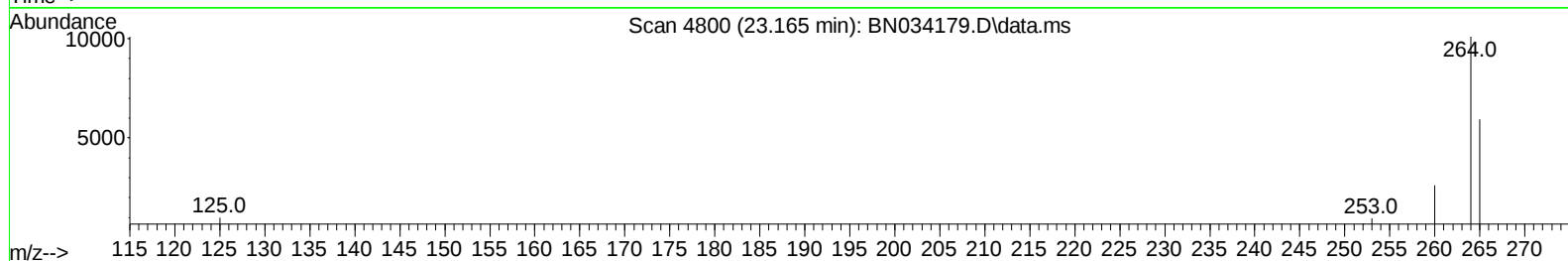
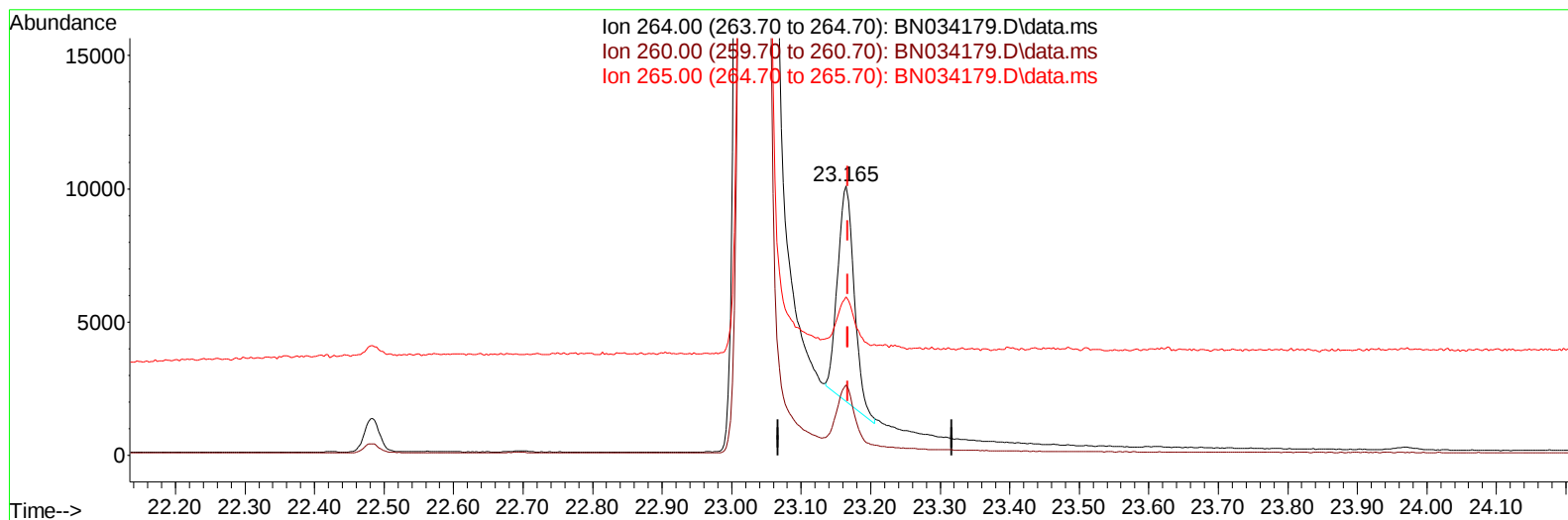
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092424\
Data File : BN034179.D
Acq On : 24 Sep 2024 00:04
Operator : RC/JU
Sample : P4092-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0B37

Manual IntegrationsAPPROVED

Quant Time: Sep 24 01:51:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN082724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 23 19:39:10 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



TIC: BN034179.D\data.ms

(23) Perylene-d12 (I)

23.165min (-0.003) 0.40 ng/ul m

response 13303

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.60	25.95
265.00	73.30	58.93
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092424\
 Data File : BN034179.D
 Acq On : 24 Sep 2024 00:04
 Operator : RC/JU
 Sample : P4092-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B37

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/25/2024
 Supervised By :mohammad ahmed 09/25/2024

Quant Time: Sep 24 01:51:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 23 19:39:10 2024
 Response via : Initial Calibration

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.423	152		6878	0.400	ng/ul	0.00
4) Naphthalene-d8	10.180	136		20829	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.074	164		11463	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.831	188		20822m	0.400	ng/ul	0.00
17) Chrysene-d12	21.046	240		14182m	0.400	ng/ul	0.00
23) Perylene-d12	23.165	264		13303m	0.400	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.039	96		35112	4.966	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.780	152		9452	0.316	ng/ul	0.00
18) Fluoranthene-d10	18.870	212		17689m	0.418	ng/ul	0.00
Target Compounds							
							Qvalue
2) 1,4-Dioxane	3.073	88		7963	1.015	ng/ul#	82

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

