

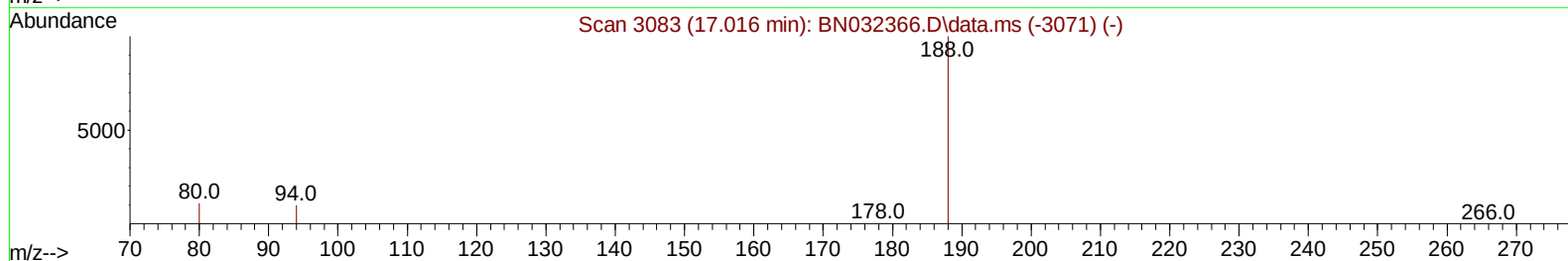
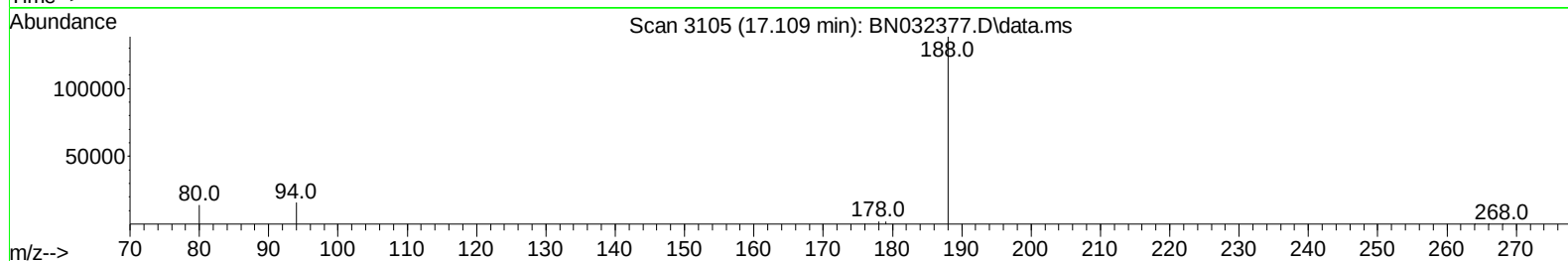
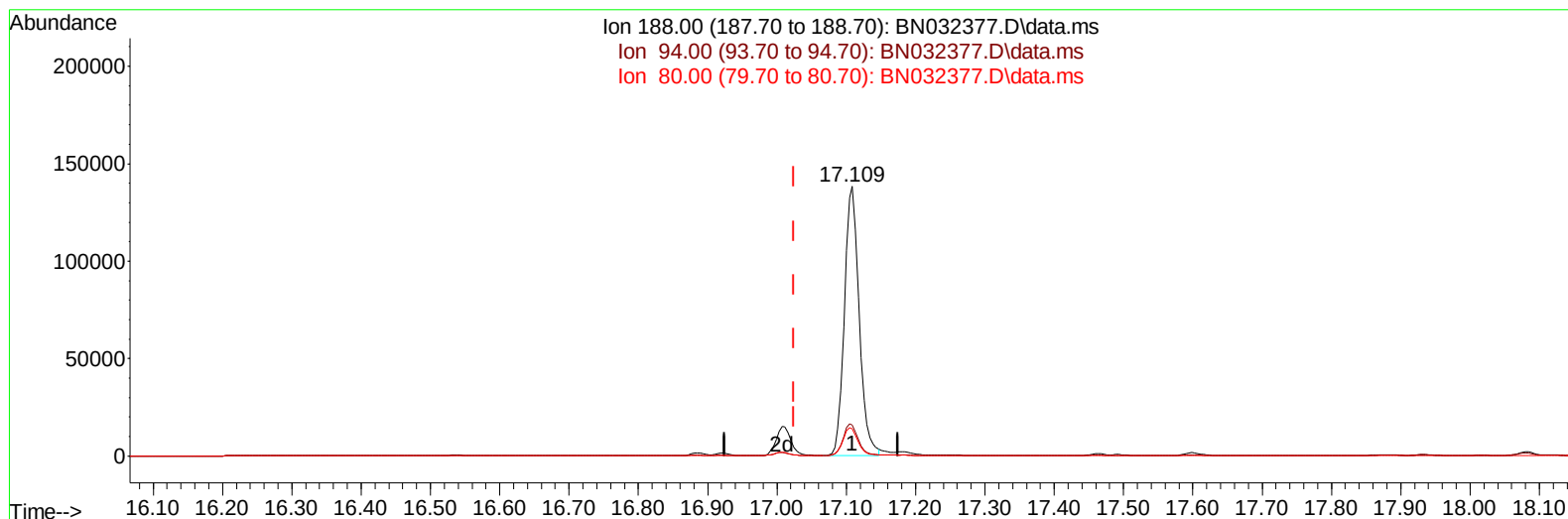
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032377.D
Acq On : 02 Jul 2024 00:21
Operator : MA/JU
Sample : P2934-13DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP9DL

Manual IntegrationsAPPROVED

Quant Time: Jul 02 01:30:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032377.D\data.ms

(13) Phenanthrene-d10 (I)

17.109min (+ 0.084) 0.40 ng/u1

response 204753

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	11.48
80.00	10.50	10.15
0.00	0.00	0.00

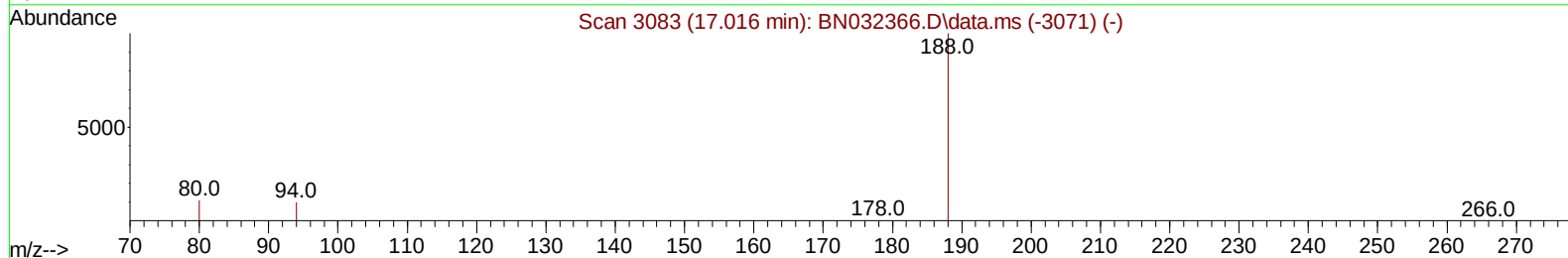
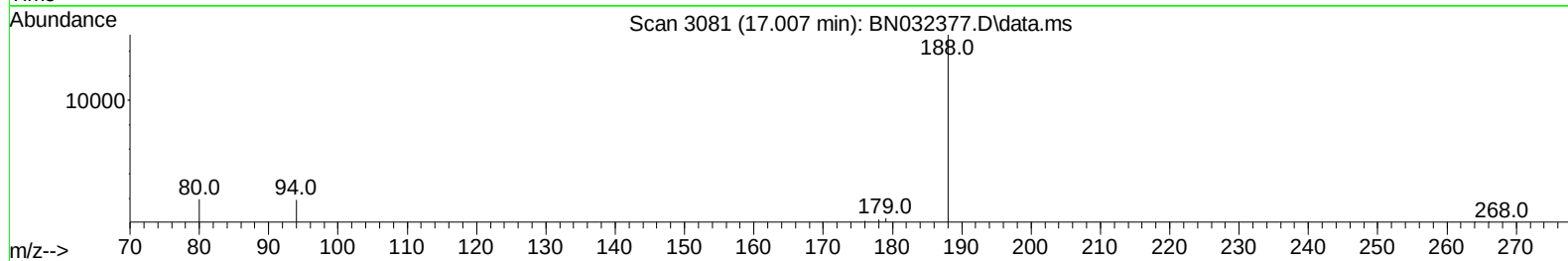
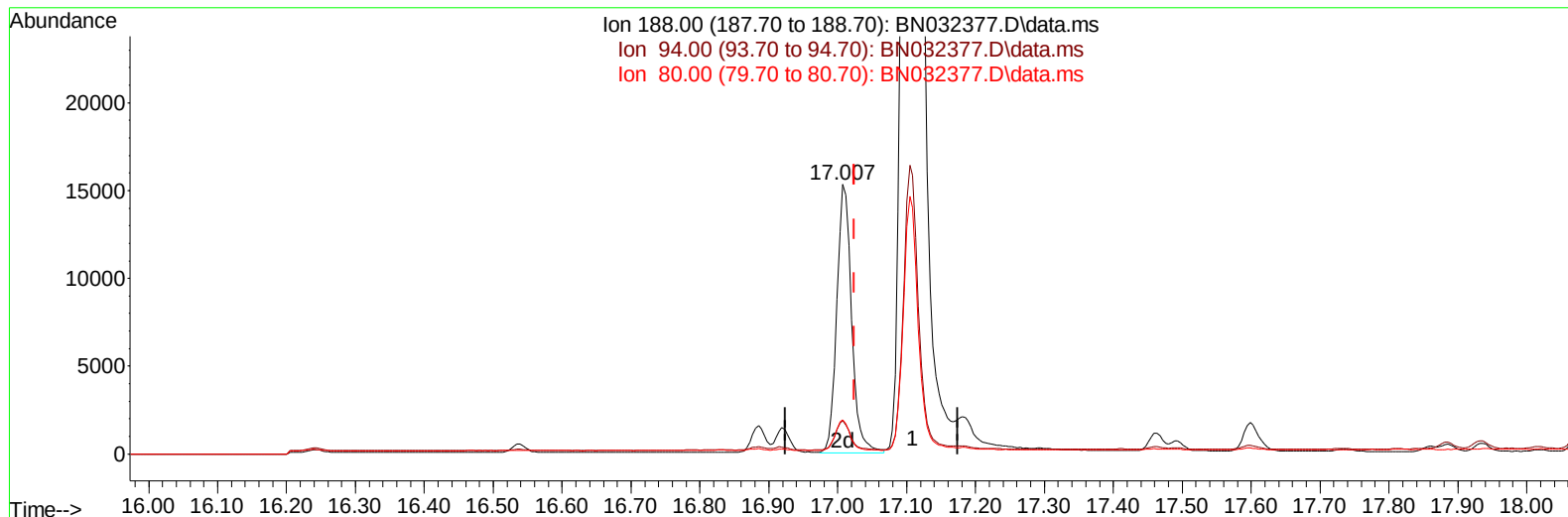
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032377.D
Acq On : 02 Jul 2024 00:21
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Sample : P2934-13DL 5X
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Instrument :
BNA_N
ClientSampleId :
A4CP9DL

Manual IntegrationsAPPROVED

Quant Time: Jul 02 01:30:20 2024
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TIC: BN032377.D\data.ms

(13) Phenanthrene-d10 (I)

17.007min (-0.017) 0.40 ng/ul m

response 22850

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	12.30#
80.00	10.50	12.56
0.00	0.00	0.00

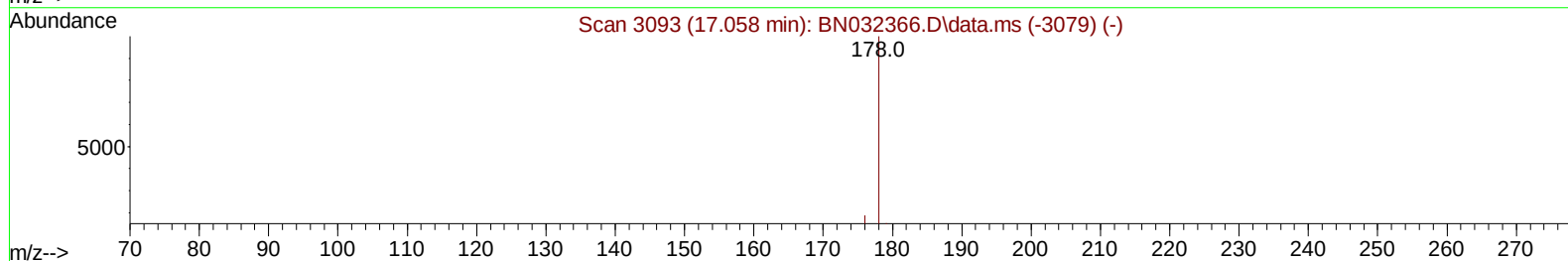
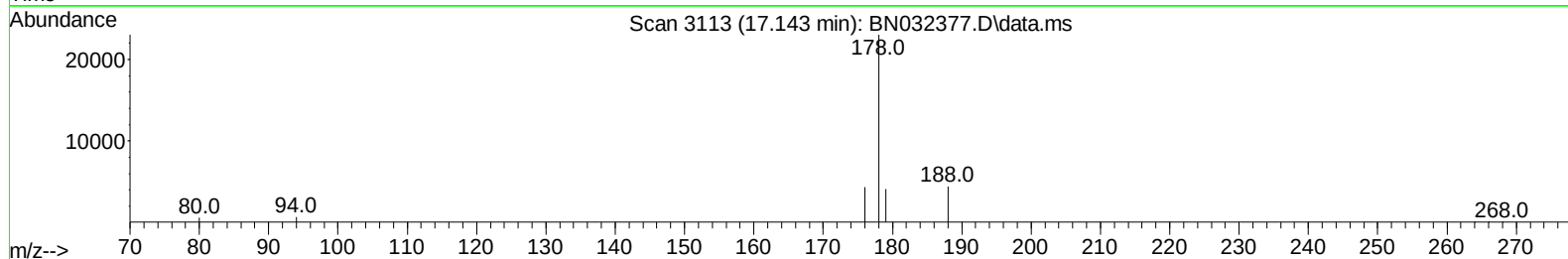
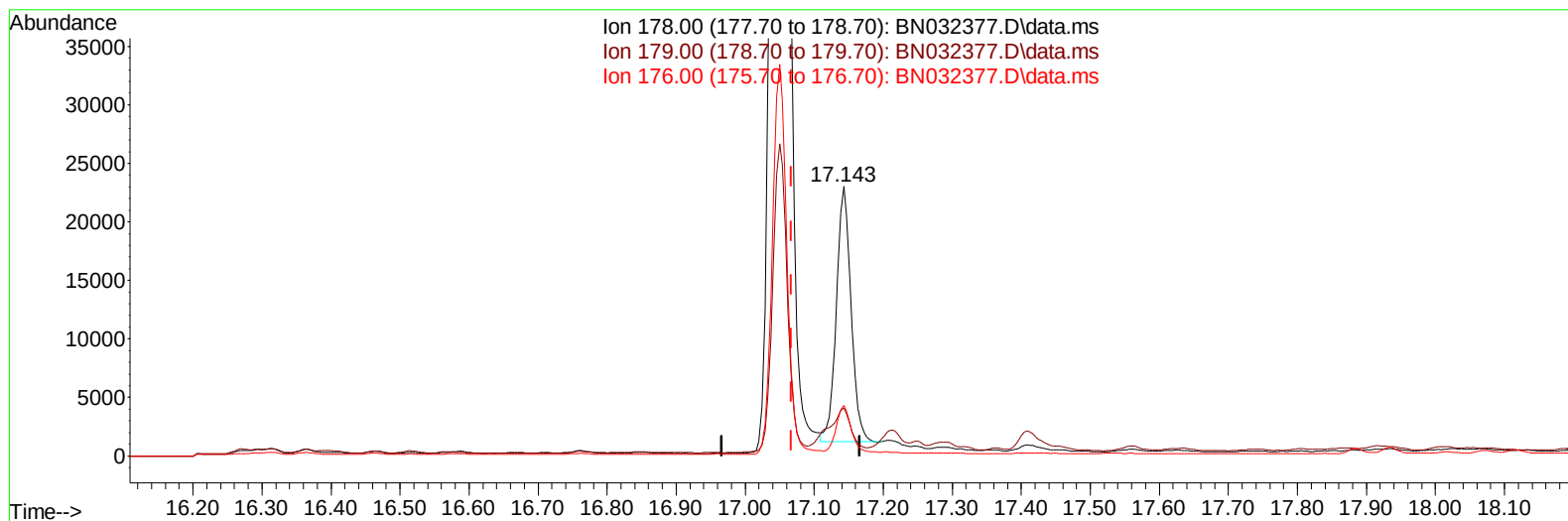
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032377.D
Acq On : 02 Jul 2024 00:21
Operator : MA/JU
Sample : P2934-13DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP9DL

Manual IntegrationsAPPROVED

Quant Time: Jul 02 01:30:20 2024
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TIC: BN032377.D\data.ms

(15) Phenanthrene

17.143min (+ 0.076) 0.51 ng/ul

response 32242

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	17.80
176.00	19.50	18.84
0.00	0.00	0.00

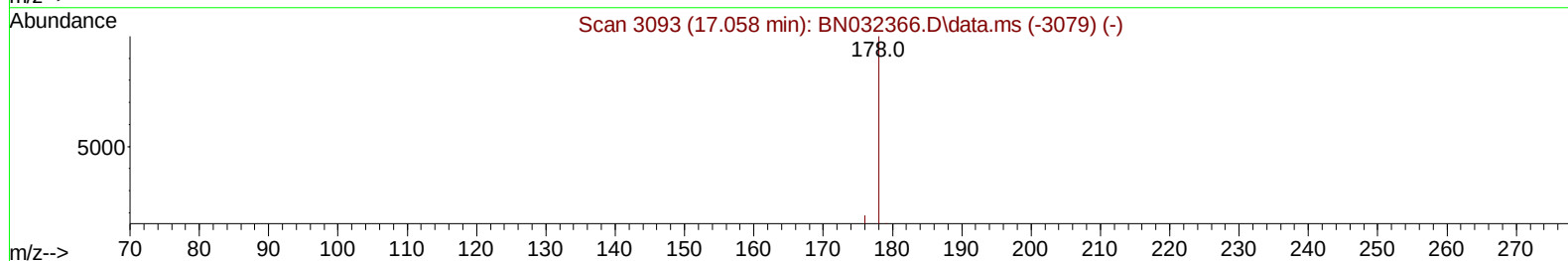
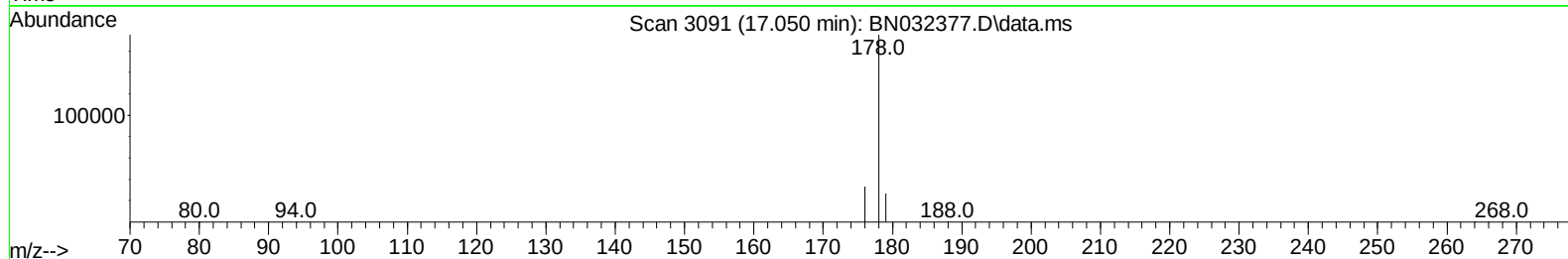
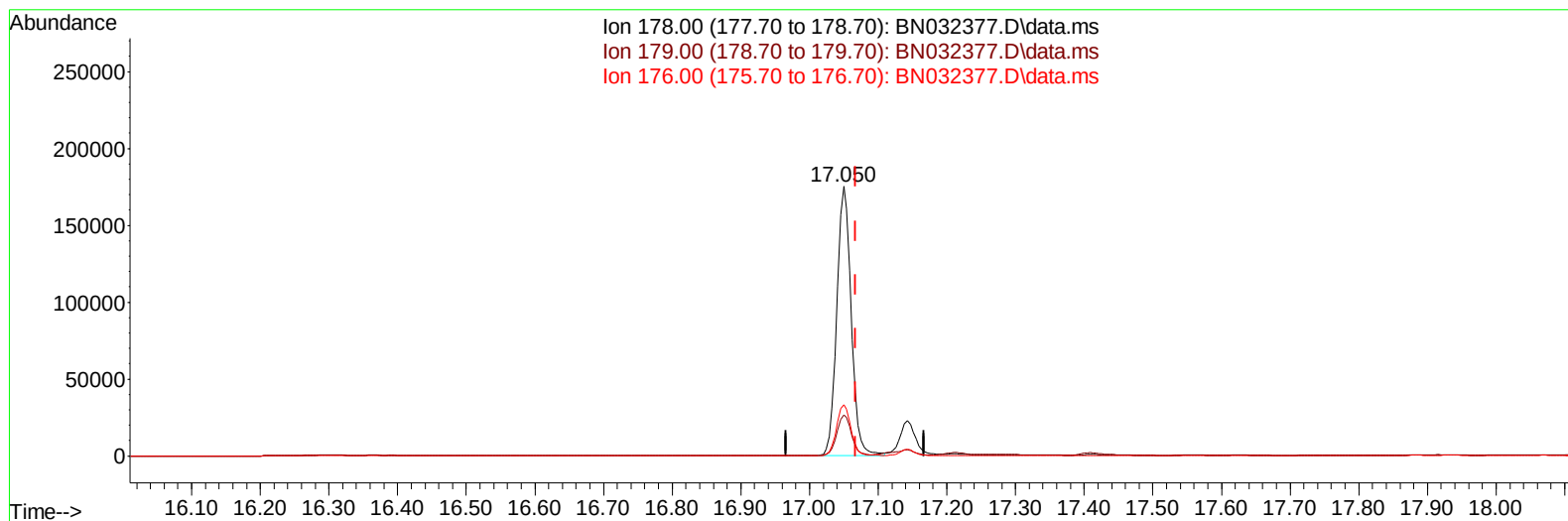
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032377.D
 Acq On : 02 Jul 2024 00:21
 Operator : MA/JU
 Sample : P2934-13DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CP9DL

Manual IntegrationsAPPROVED

Quant Time: Jul 02 01:30:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:23:38 2024
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Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024



TIC: BN032377.D\data.ms

(15) Phenanthrene

17.050min (-0.017) 4.07 ng/ul m

response 255076

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	15.23
176.00	19.50	19.09
0.00	0.00	0.00

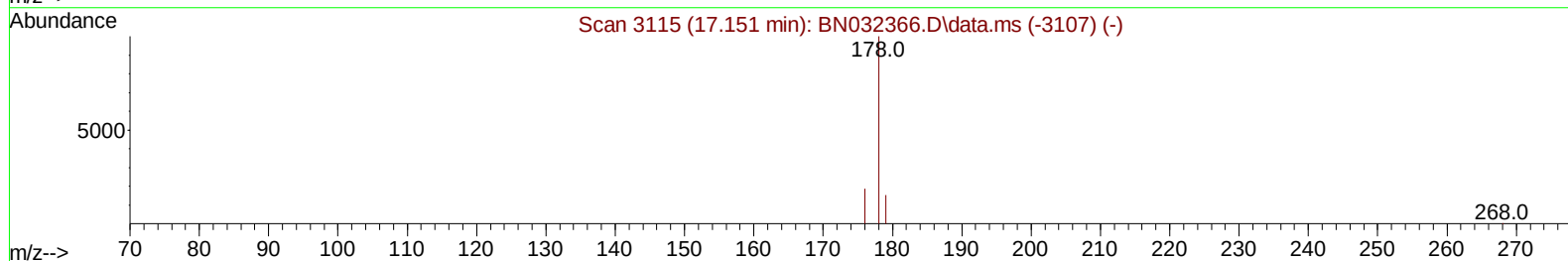
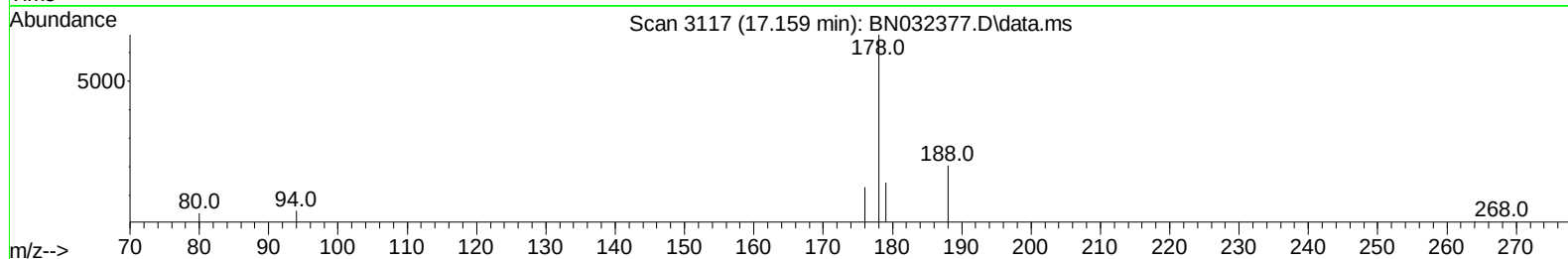
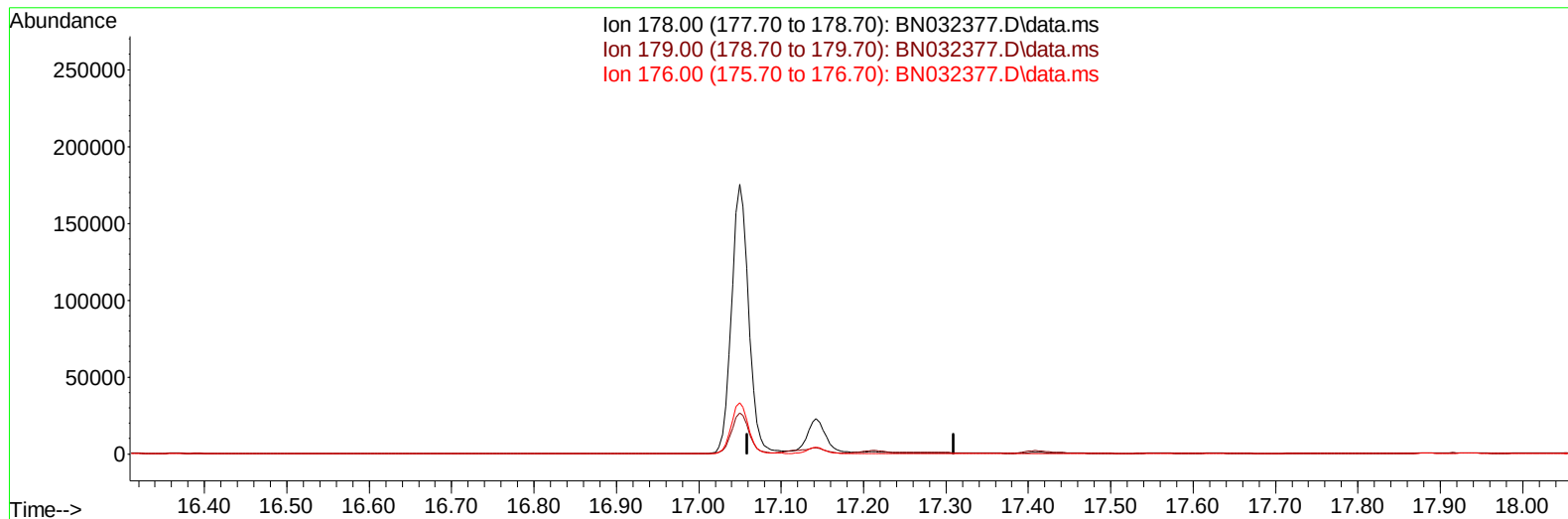
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032377.D
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Operator : MA/JU
Sample : P2934-13DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP9DL

Manual IntegrationsAPPROVED

Quant Time: Jul 02 01:30:20 2024
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TIC: BN032377.D\data.ms

(16) Anthracene

17.160min (-17.160) 0.00 ng/ul

response 0

Ion	Exp%	Act%
178.00	100.00	0.00
179.00	15.60	0.00#
176.00	18.80	0.00#
0.00	0.00	0.00

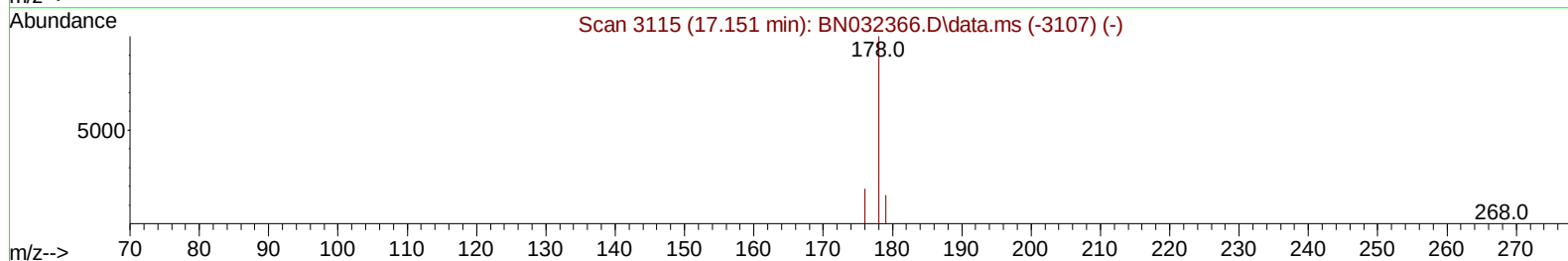
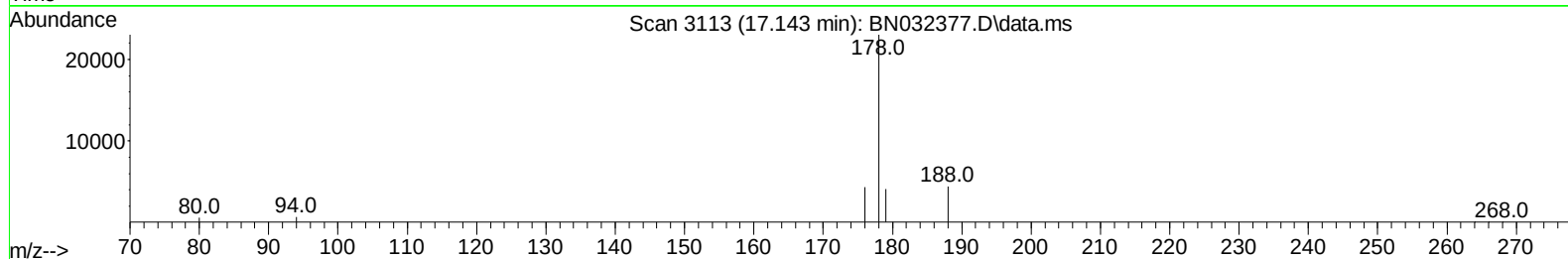
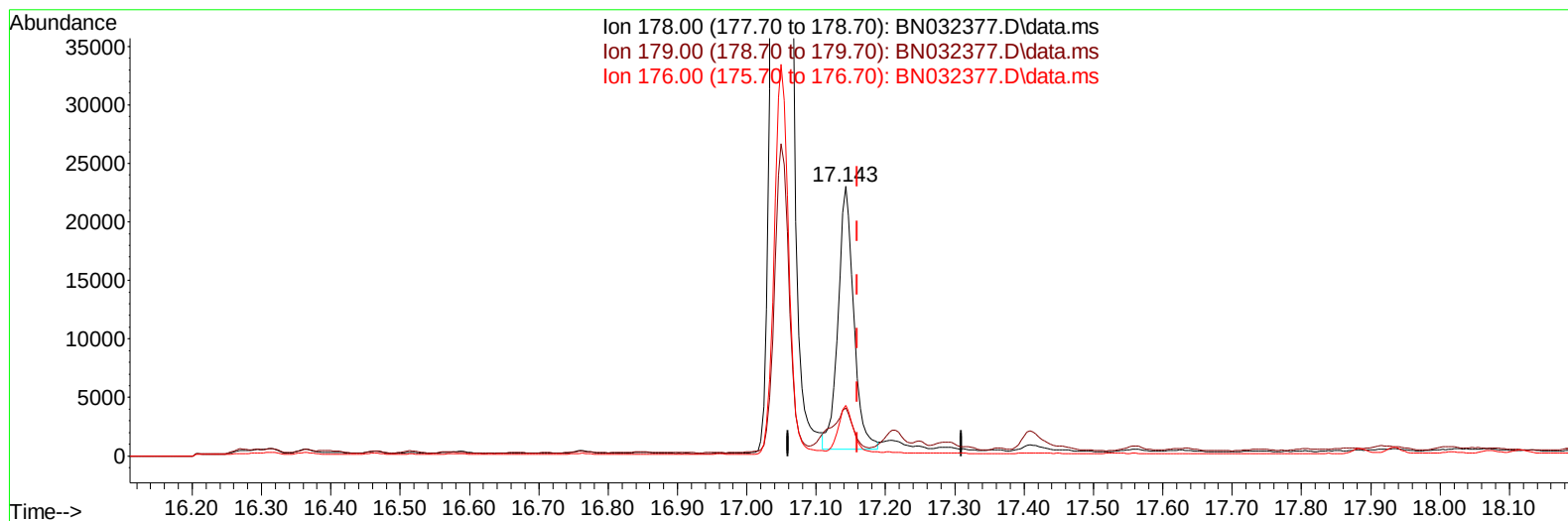
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032377.D
Acq On : 02 Jul 2024 00:21
Operator : MA/JU
Sample : P2934-13DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP9DL

Manual IntegrationsAPPROVED

Quant Time: Jul 02 01:30:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032377.D\data.ms

(16) Anthracene

17.143min (-0.017) 0.63 ng/ul m

response 35315

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	17.80
176.00	18.80	18.84
0.00	0.00	0.00

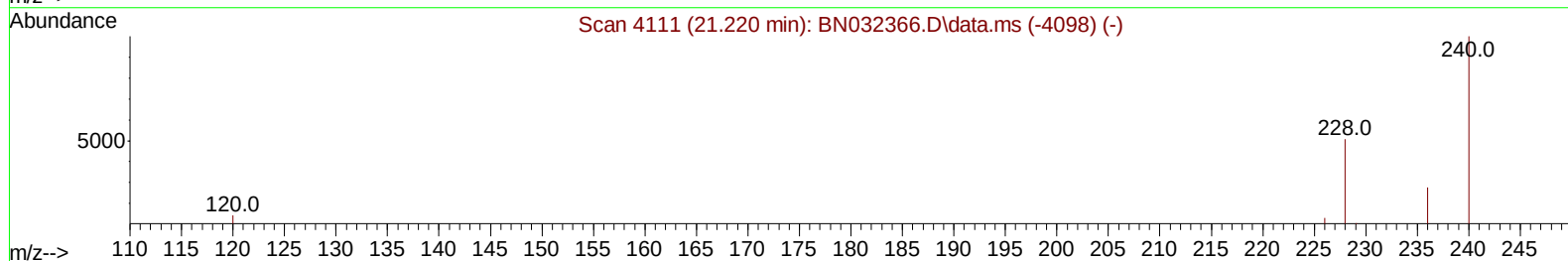
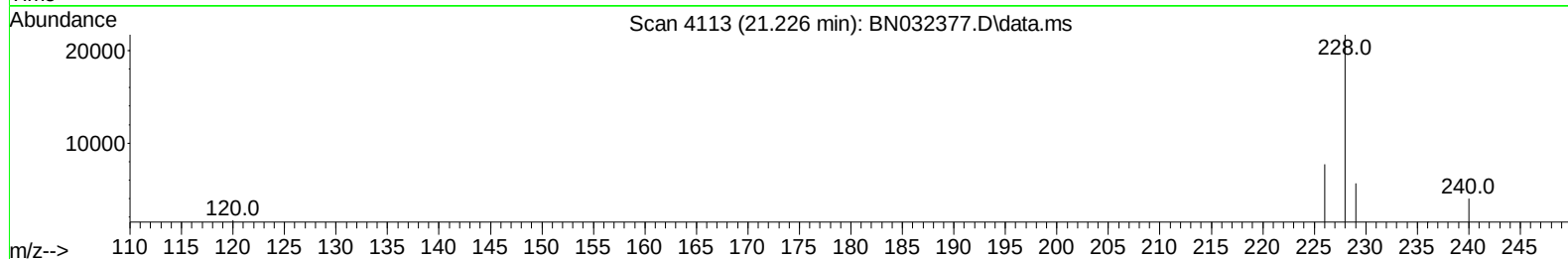
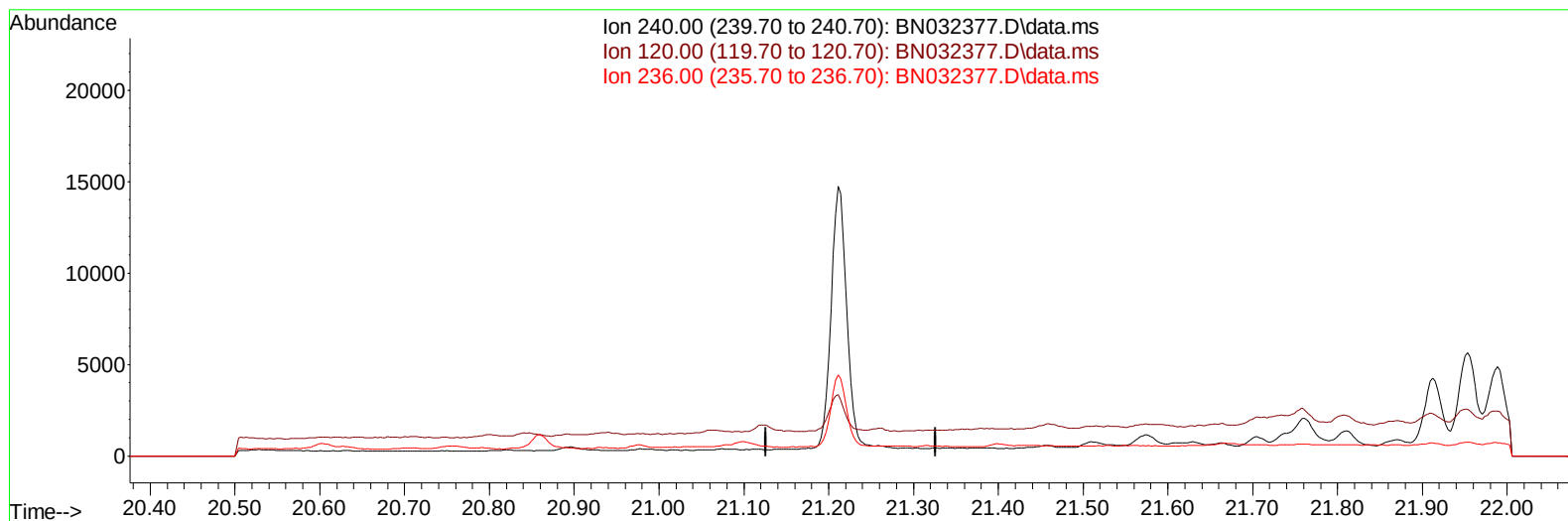
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032377.D
Acq On : 02 Jul 2024 00:21
Operator : MA/JU
Sample : P2934-13DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP9DL

Manual IntegrationsAPPROVED

Quant Time: Jul 02 01:30:20 2024
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TIC: BN032377.D\data.ms

(17) Chrysene-d12

21.226min (-21.226) 0.00 ng/u1

response 0

Ion	Exp%	Act%
240.00	100.00	0.00
120.00	16.80	0.00#
236.00	28.40	0.00#
0.00	0.00	0.00

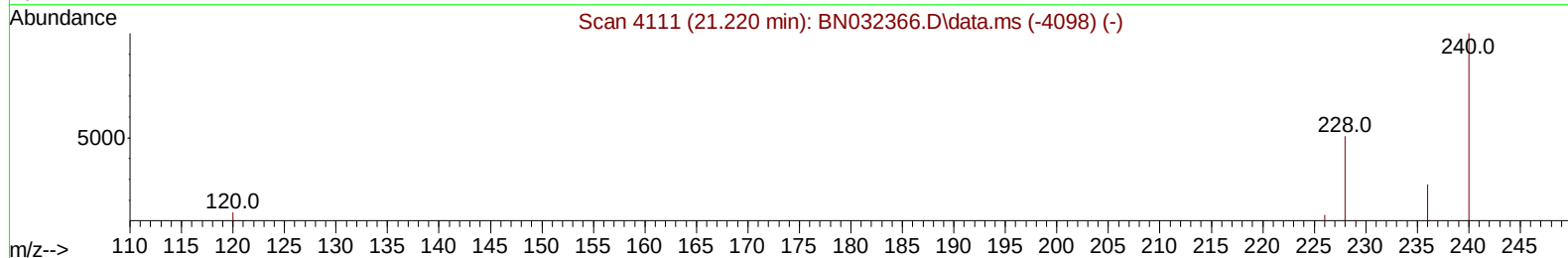
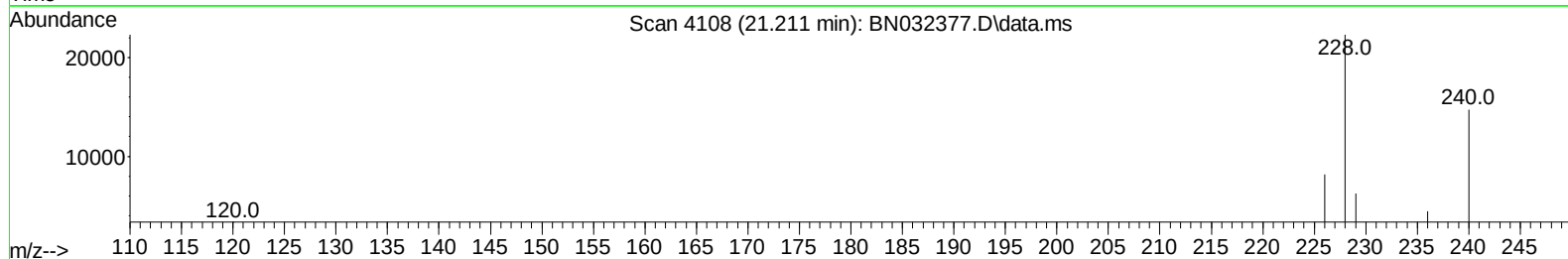
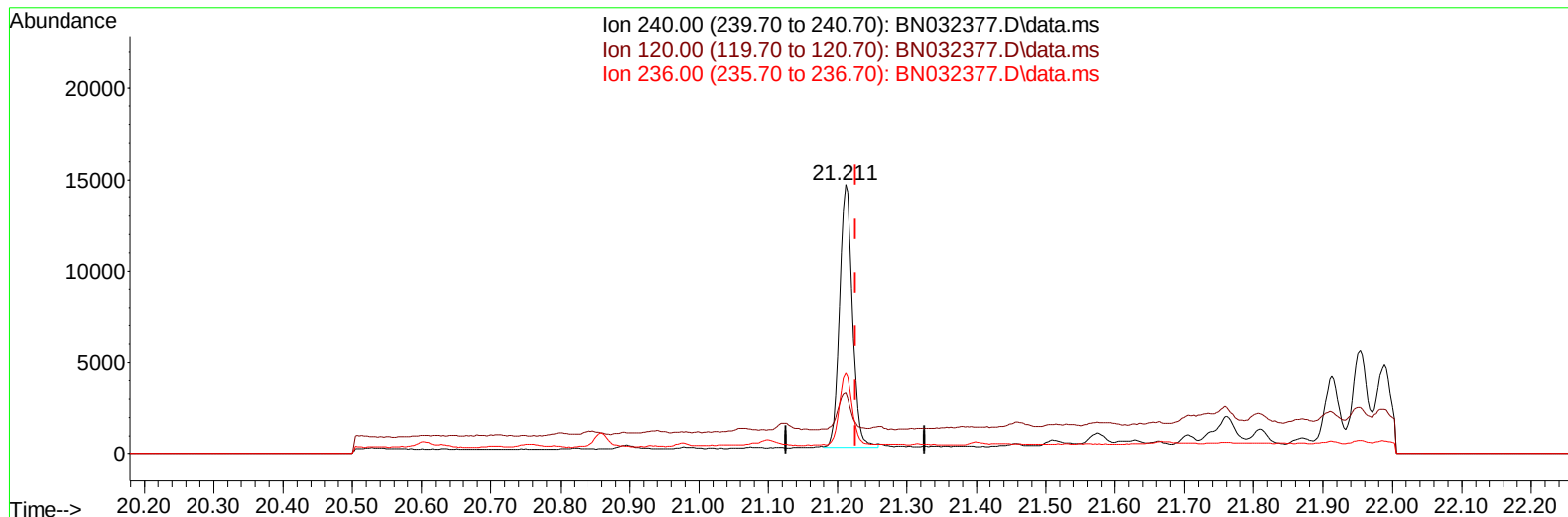
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032377.D
Acq On : 02 Jul 2024 00:21
Operator : MA/JU
Sample : P2934-13DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP9DL

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 01:30:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration



TIC: BN032377.D\data.ms

(17) Chrysene-d12

21.211min (-0.015) 0.40 ng/ul m

response 18539

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	22.69#
236.00	28.40	30.11
0.00	0.00	0.00

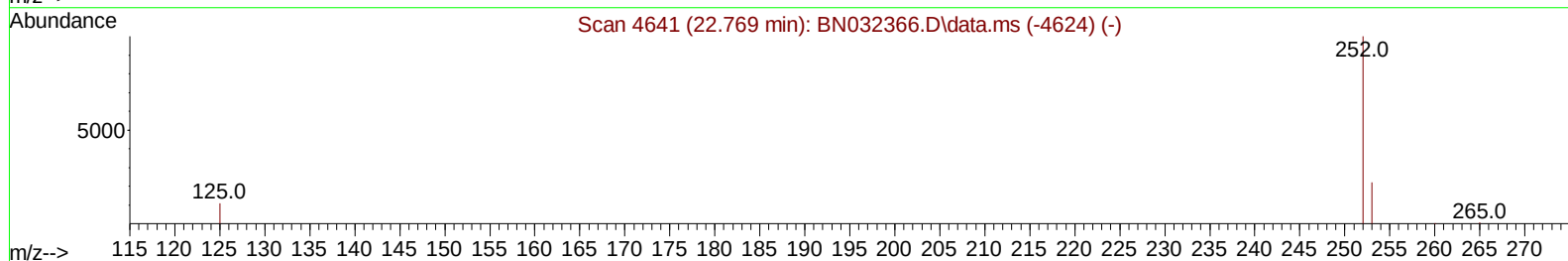
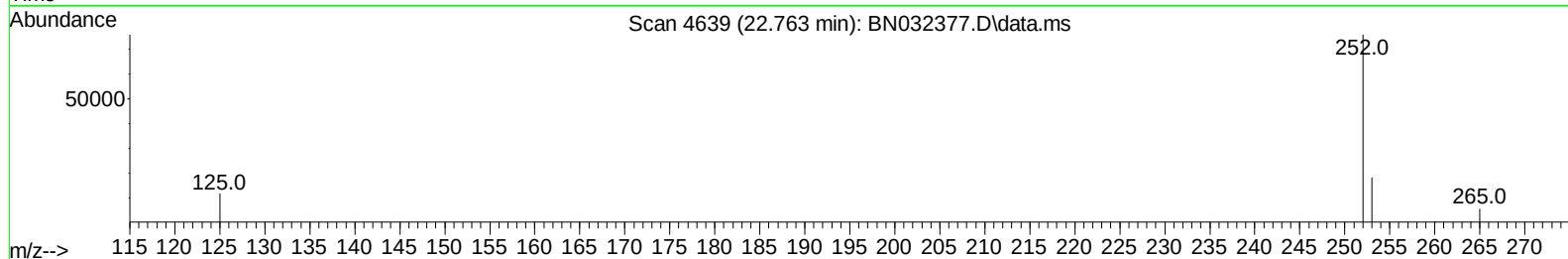
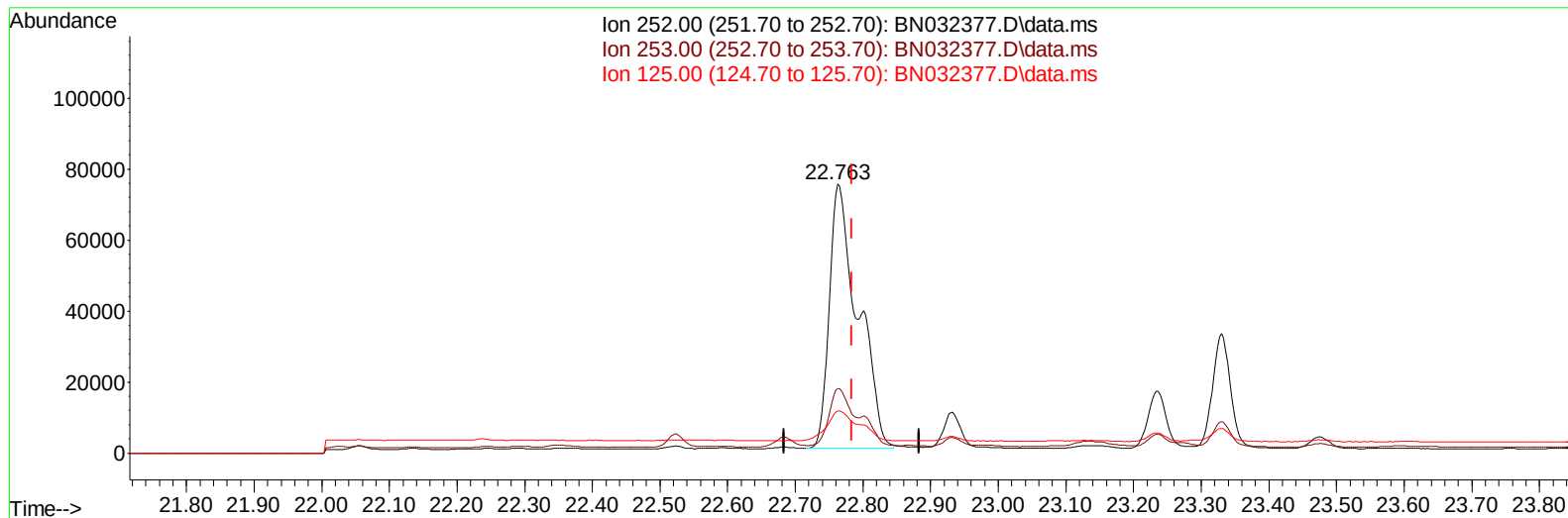
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032377.D
Acq On : 02 Jul 2024 00:21
Operator : MA/JU
Sample : P2934-13DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP9DL

Manual IntegrationsAPPROVED

Quant Time: Jul 02 01:30:20 2024
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TIC: BN032377.D\data.ms

(24) Benzo(b)fluoranthene

22.763min (-0.021) 2.23 ng/u1

response 218191

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	24.03
125.00	16.00	15.61
0.00	0.00	0.00

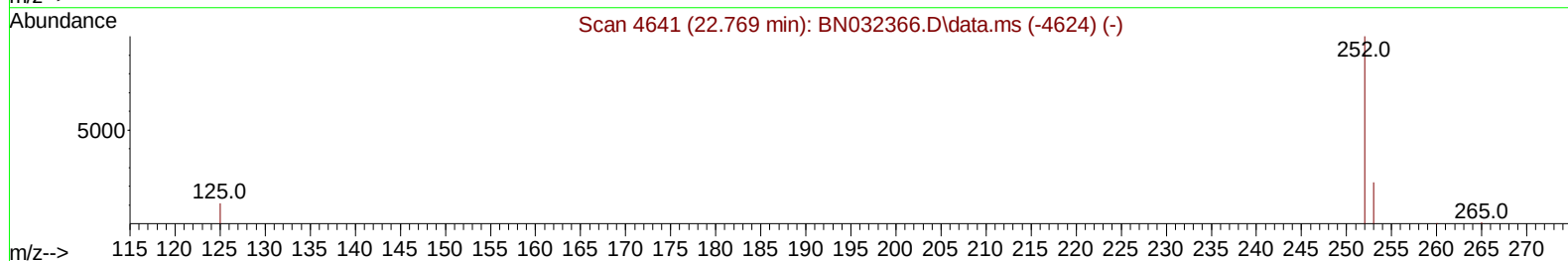
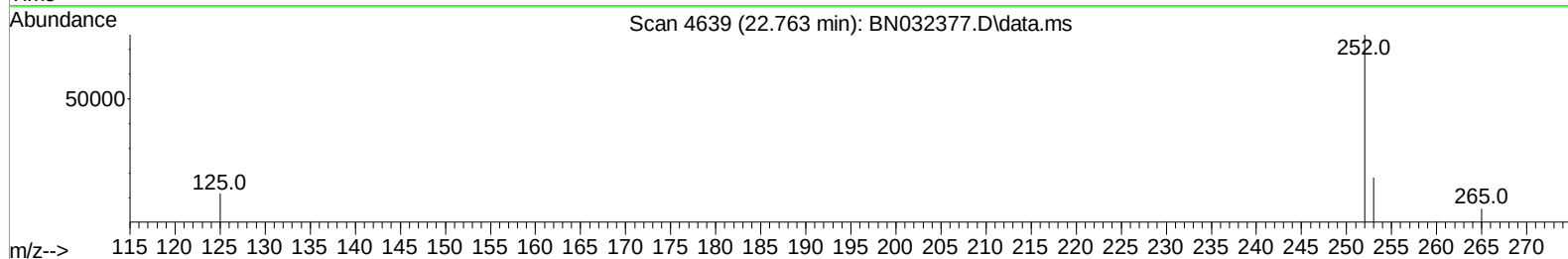
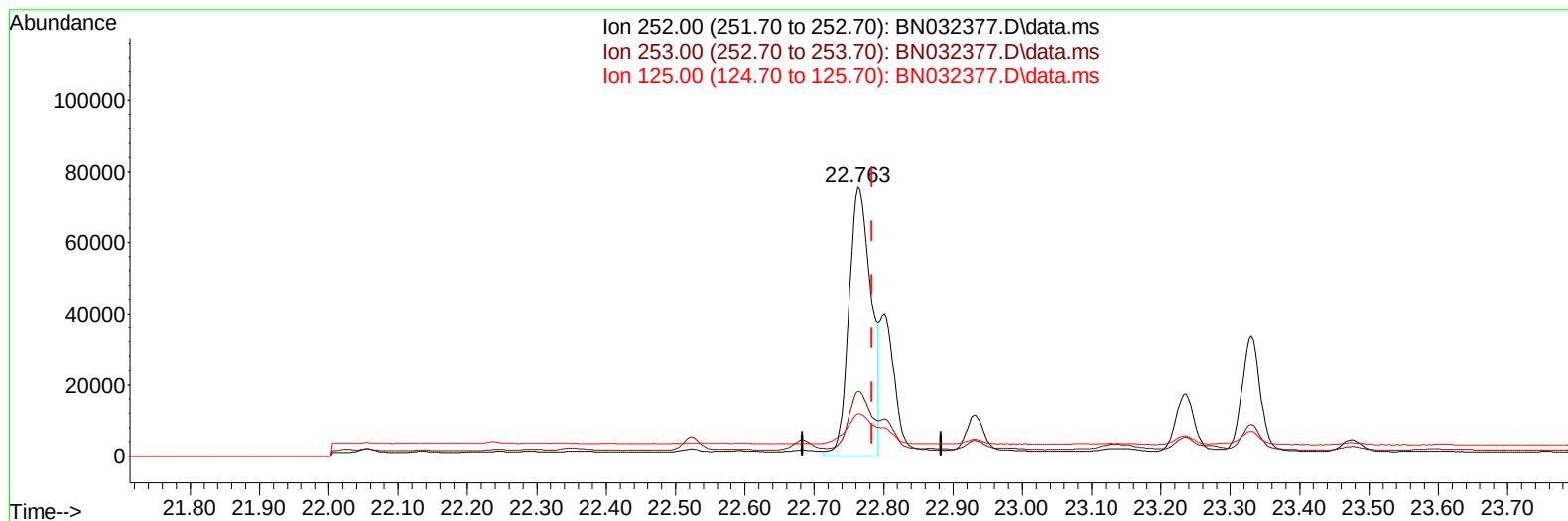
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032377.D
Acq On : 02 Jul 2024 00:21
Operator : MA/JU
Sample : P2934-13DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP9DL

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 01:30:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration



TIC: BN032377.D\data.ms

(24) Benzo(b)fluoranthene

22.763min (-0.021) 1.73 ng/ul m

response 169594

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	24.03
125.00	16.00	15.61
0.00	0.00	0.00

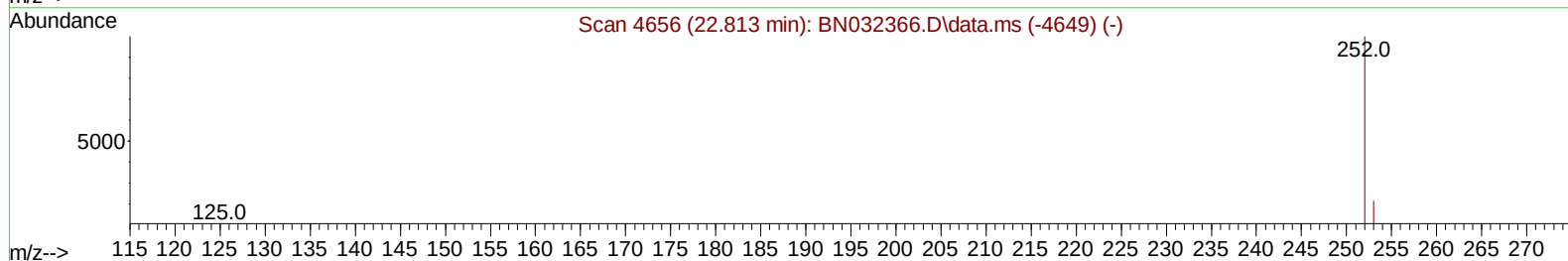
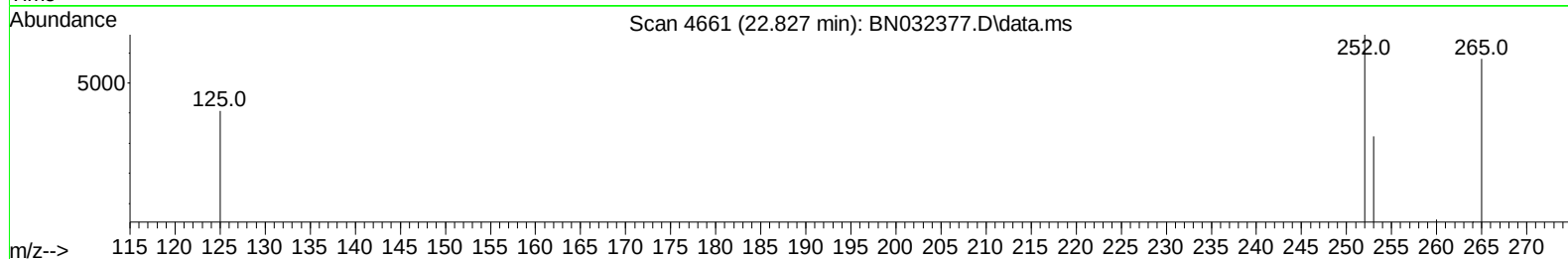
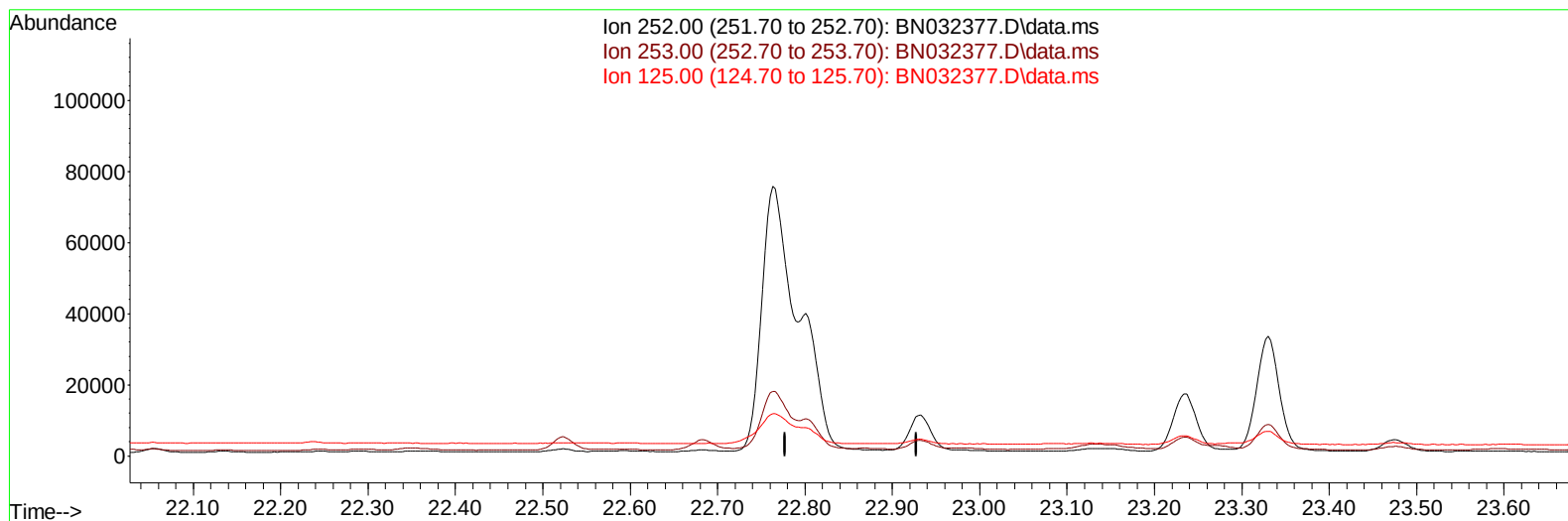
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Data File : BN032377.D
Acq On : 02 Jul 2024 00:21
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Sample : P2934-13DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP9DL

Manual IntegrationsAPPROVED

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TIC: BN032377.D\data.ms

(25) Benzo(k)fluoranthene

22.828min (-22.828) 0.00 ng/ul

response 0

Ion	Exp%	Act%
252.00	100.00	0.00
253.00	25.40	0.00#
125.00	16.00	0.00#
0.00	0.00	0.00

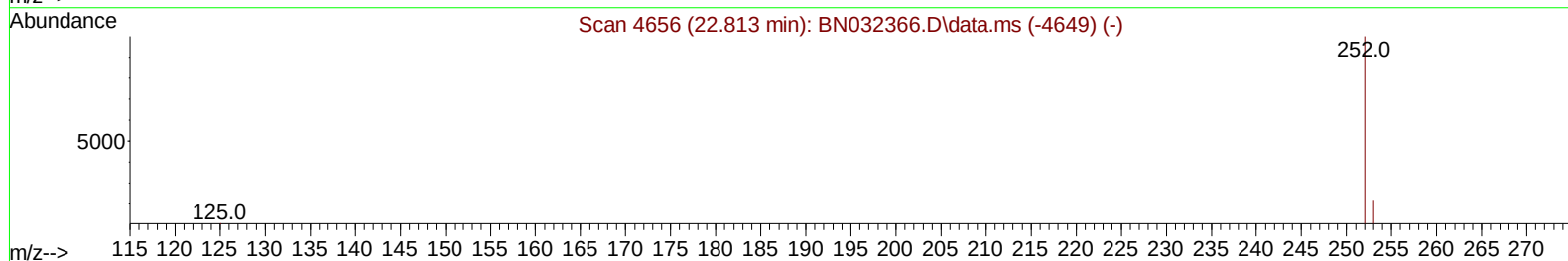
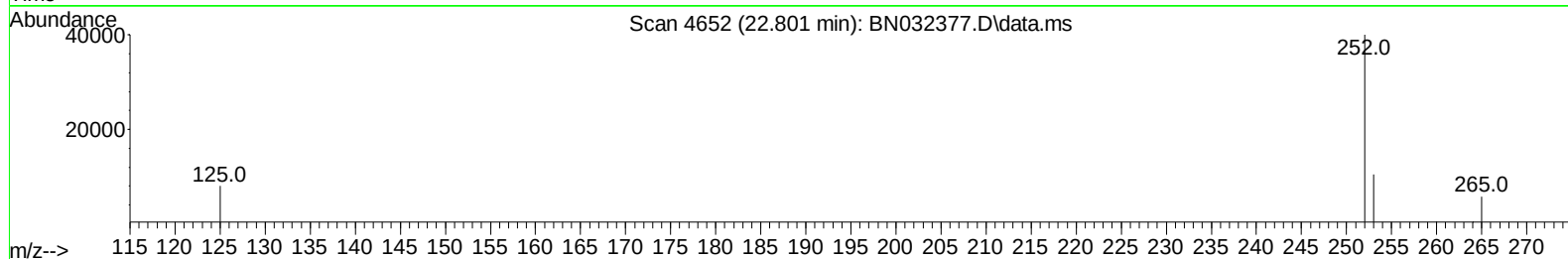
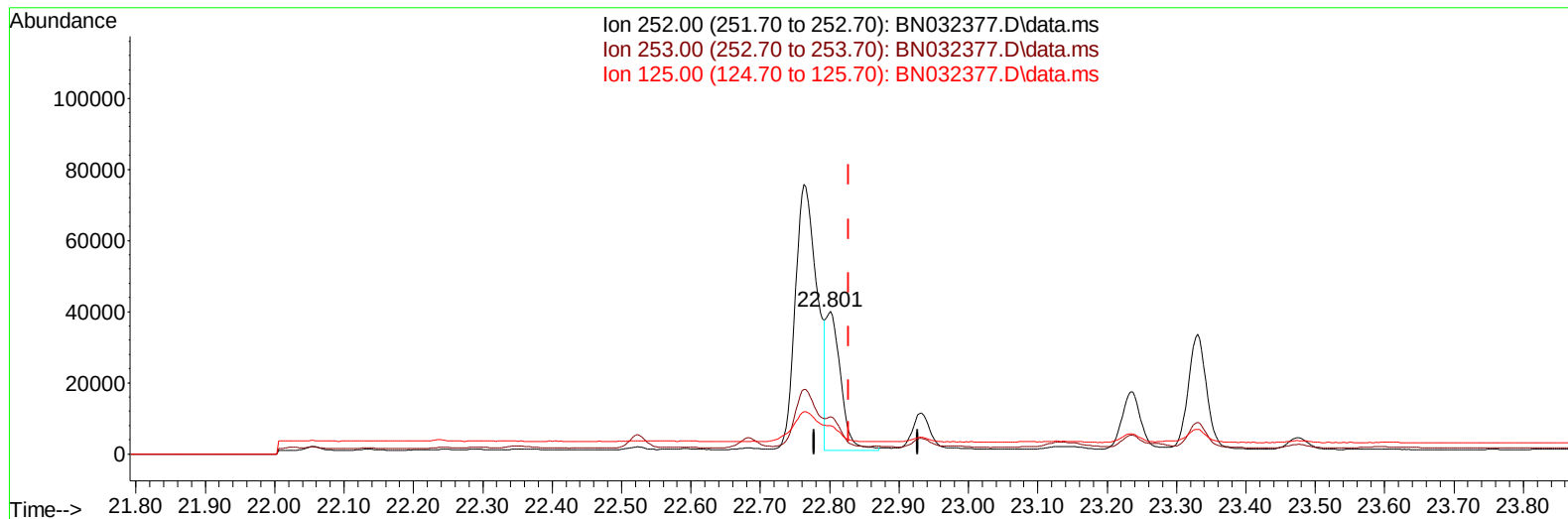
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Data File : BN032377.D
Acq On : 02 Jul 2024 00:21
Operator : MA/JU
Sample : P2934-13DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP9DL

Manual IntegrationsAPPROVED

Quant Time: Jul 02 01:30:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
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Supervised By :mohammad ahmed 07/04/2024



TIC: BN032377.D\data.ms

(25) Benzo(k)fluoranthene

22.801min (-0.027) 0.60 ng/ul m

response 57393

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	26.10
125.00	16.00	20.07#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
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 Operator : MA/JU
 Sample : P2934-13DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CP9DL

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.612	152	8225	0.400	ng/ul	0.00
4) Naphthalene-d8	10.387	136	23644	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.258	164	12238	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.007	188	22850m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.211	240	18539m	0.400	ng/ul	-0.01
23) Perylene-d12	23.427	264	22550	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	6154	0.673	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.988	152	1528	0.043	ng/ul	-0.01
18) Fluoranthene-d10	19.045	212	2790	0.050	ng/ul	-0.01
Target Compounds						
						Qvalue
5) Naphthalene	10.437	128	13964	0.223	ng/ul	99
7) 2-Methylnaphthalene	12.059	142	4111	0.099	ng/ul	98
8) 1-Methylnaphthalene	12.279	142	3171	0.074	ng/ul	100
10) Acenaphthylene	13.975	152	4412	0.087	ng/ul#	88
11) Acenaphthene	14.318	153	17221	0.436	ng/ul	99
12) Fluorene	15.312	166	14303	0.304	ng/ul	99
15) Phenanthrene	17.050	178	255076m	4.072	ng/ul	
16) Anthracene	17.143	178	35315m	0.632	ng/ul	
19) Fluoranthene	19.078	202	331311	4.693	ng/ul	100
20) Pyrene	19.440	202	228124	3.092	ng/ul	99
21) Benzo(a)anthracene	21.194	228	120487	1.801	ng/ul	97
22) Chrysene	21.246	228	129204	1.759	ng/ul	96
24) Benzo(b)fluoranthene	22.763	252	169594m	1.731	ng/ul	
25) Benzo(k)fluoranthene	22.801	252	57393m	0.603	ng/ul	
26) Benzo(a)pyrene	23.330	252	59332	0.870	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.659	276	51574	0.483	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.663	278	18012	0.227	ng/ul#	74
29) Benzo(g,h,i)perylene	26.350	276	7871	0.093	ng/ul#	64

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032377.D
Acq On : 02 Jul 2024 00:21
Operator : MA/JU
Sample : P2934-13DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP9DL

Manual IntegrationsAPPROVED

Quant Time: Jul 02 01:30:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

