

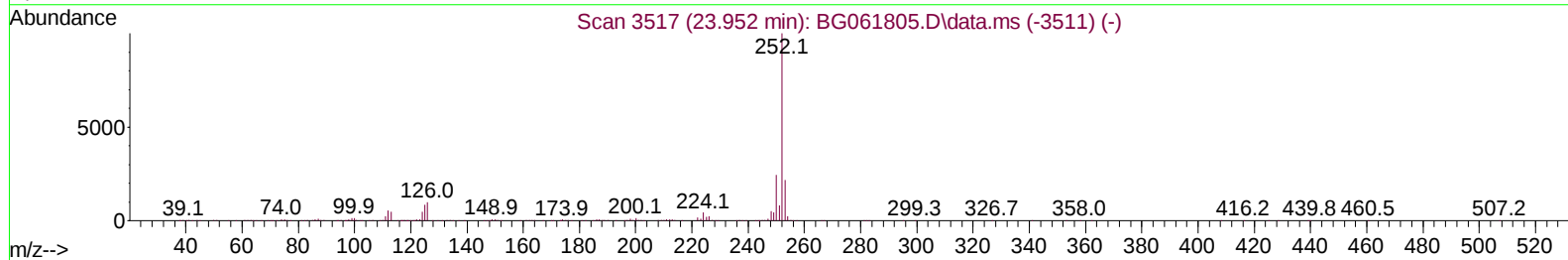
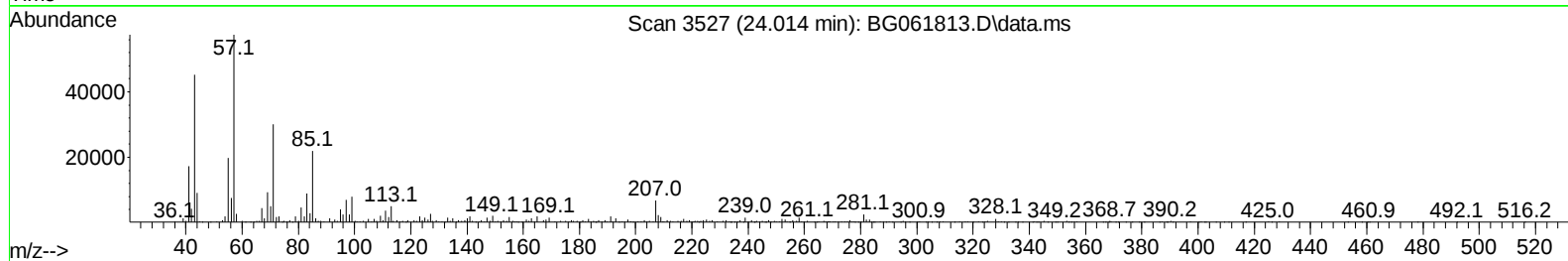
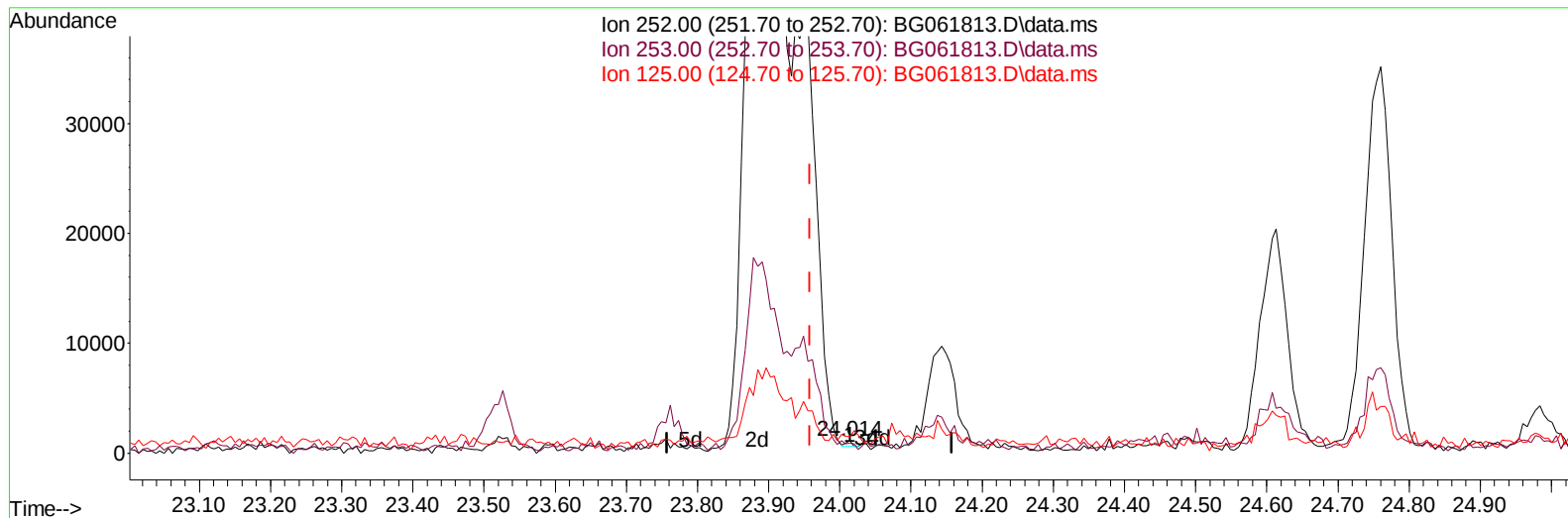
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061813.D
Acq On : 1 Jul 2024 15:26
Operator : MA/JU
Sample : P2871-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B56DL

Manual IntegrationsAPPROVED

Quant Time: Jul 01 16:14:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 12:23:53 2024
Response via : Initial Calibration

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



TIC: BG061813.D\data.ms

(91) Benzo(k)fluoranthene

24.014min (+ 0.056) 0.01 ng/u1

response 287

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.20	77.46#
125.00	7.70	126.68#
0.00	0.00	0.00

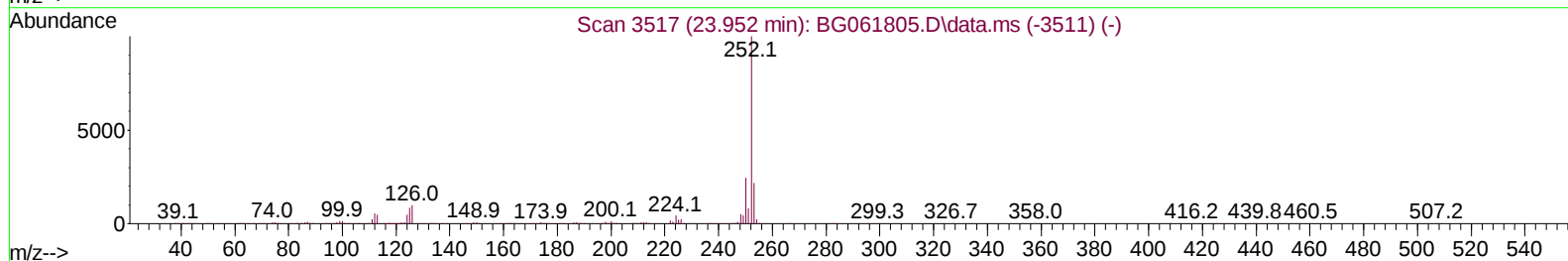
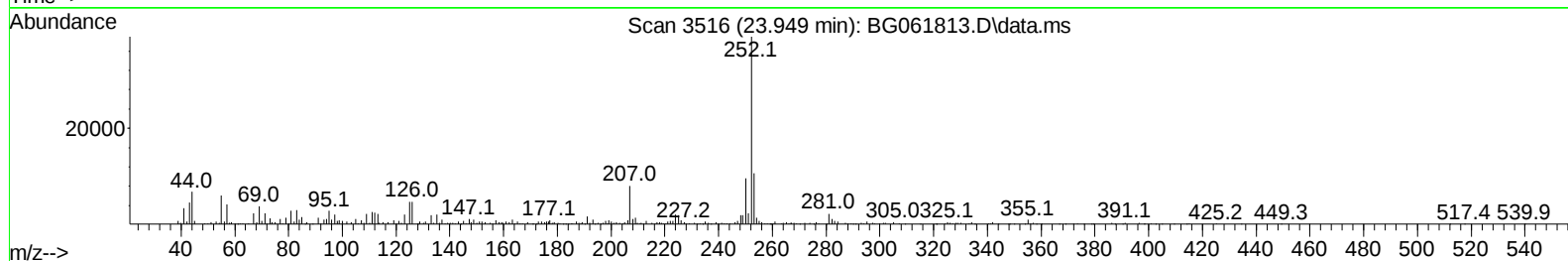
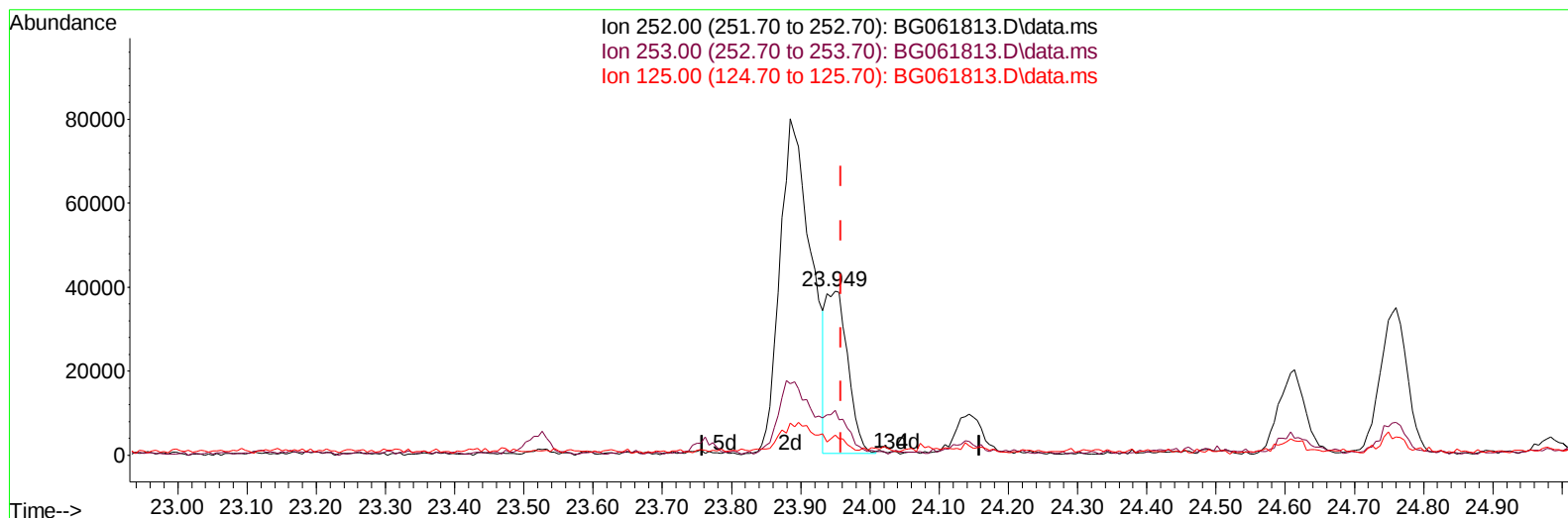
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
 Data File : BG061813.D
 Acq On : 1 Jul 2024 15:26
 Operator : MA/JU
 Sample : P2871-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B56DL

Manual IntegrationsAPPROVED

Quant Time: Jul 01 16:14:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 27 12:23:53 2024
 Response via : Initial Calibration

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



TIC: BG061813.D\data.ms

(91) Benzo(k)fluoranthene

23.949min (-0.009) 3.61 ng/u1 m

response 84662

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.20	27.31#
125.00	7.70	12.06#
0.00	0.00	0.00

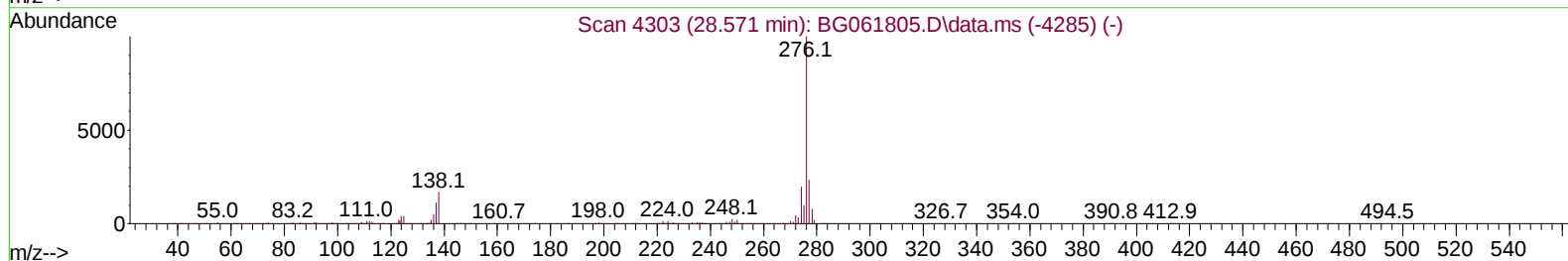
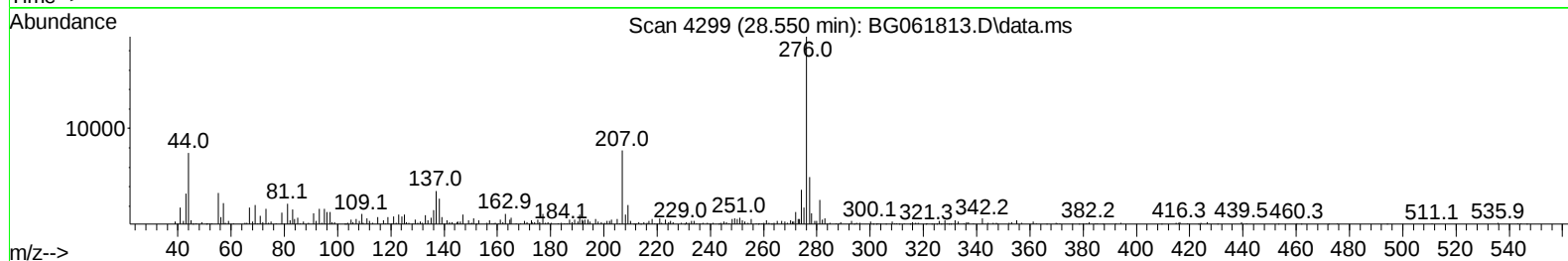
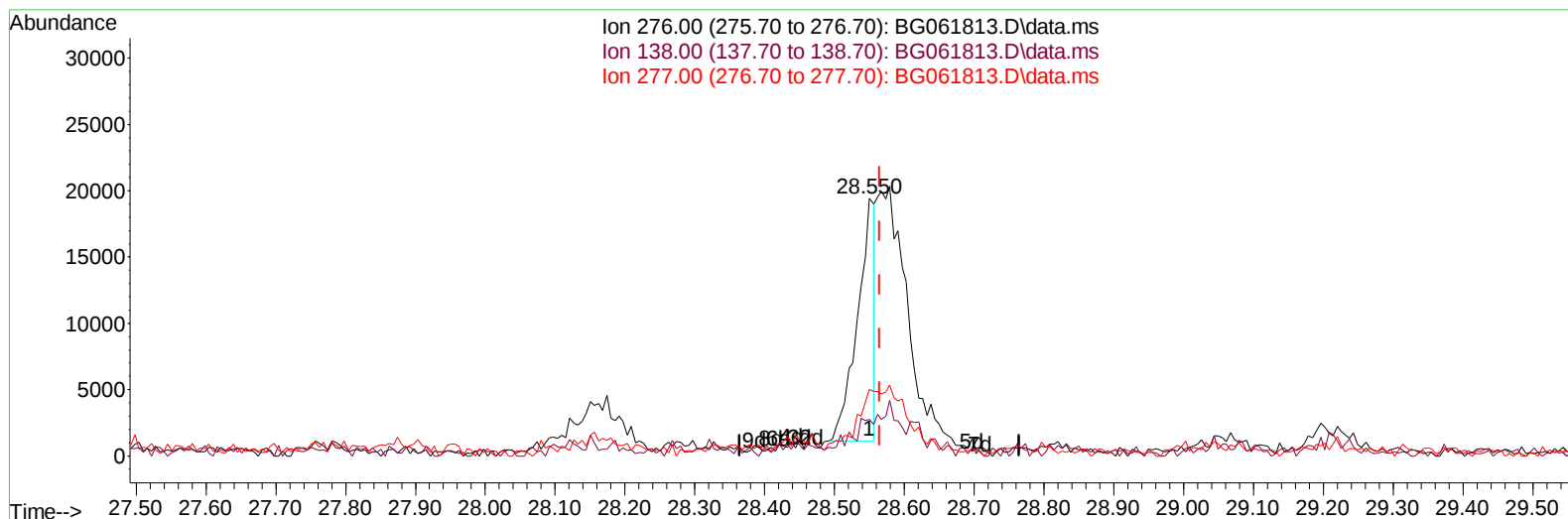
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061813.D
Acq On : 1 Jul 2024 15:26
Operator : MA/JU
Sample : P2871-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B56DL

Manual IntegrationsAPPROVED

Quant Time: Jul 01 16:14:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 12:23:53 2024
Response via : Initial Calibration

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



TIC: BG061813.D\data.ms

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

28.550min (-0.015) 1.14 ng/u1

response 31134

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.30	14.29
277.00	24.60	25.78
0.00	0.00	0.00

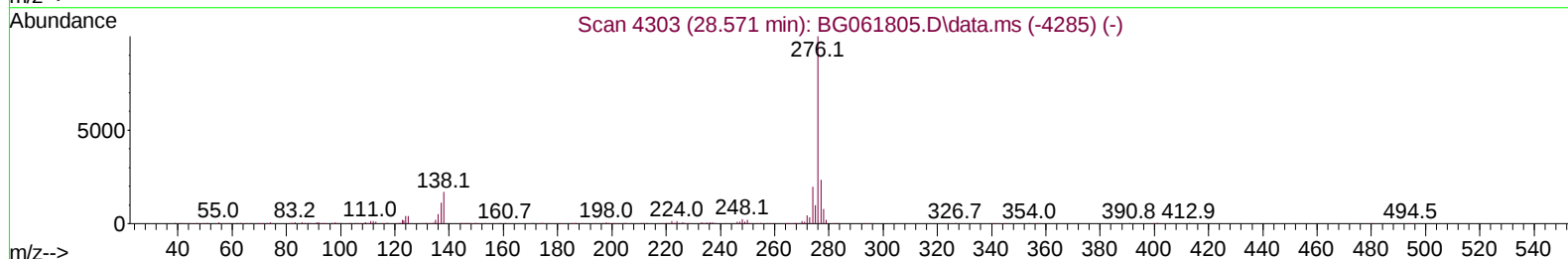
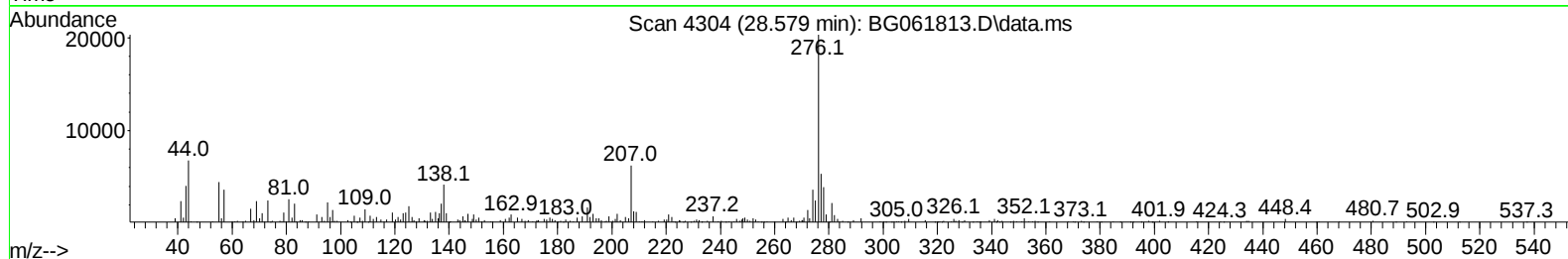
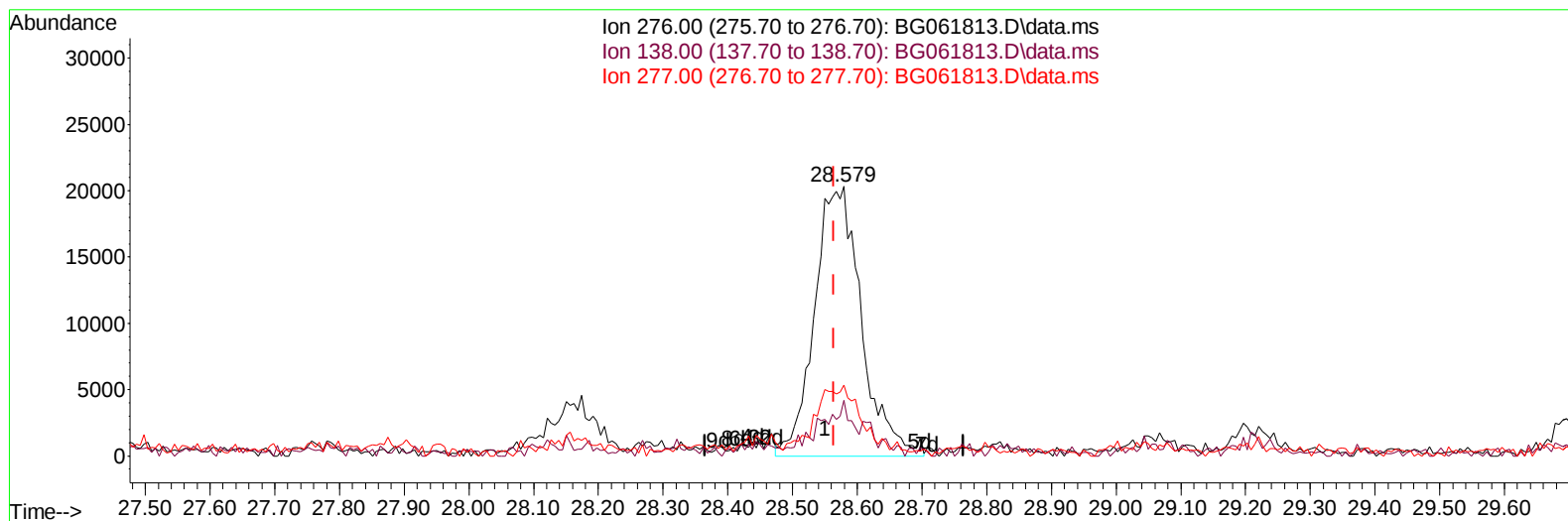
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
 Data File : BG061813.D
 Acq On : 1 Jul 2024 15:26
 Operator : MA/JU
 Sample : P2871-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B56DL

Manual IntegrationsAPPROVED

Quant Time: Jul 01 16:14:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 27 12:23:53 2024
 Response via : Initial Calibration

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



TIC: BG061813.D\data.ms

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

28.579min (+ 0.015) 3.72 ng/ul m

response 101810

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.30	20.58#
277.00	24.60	26.42
0.00	0.00	0.00

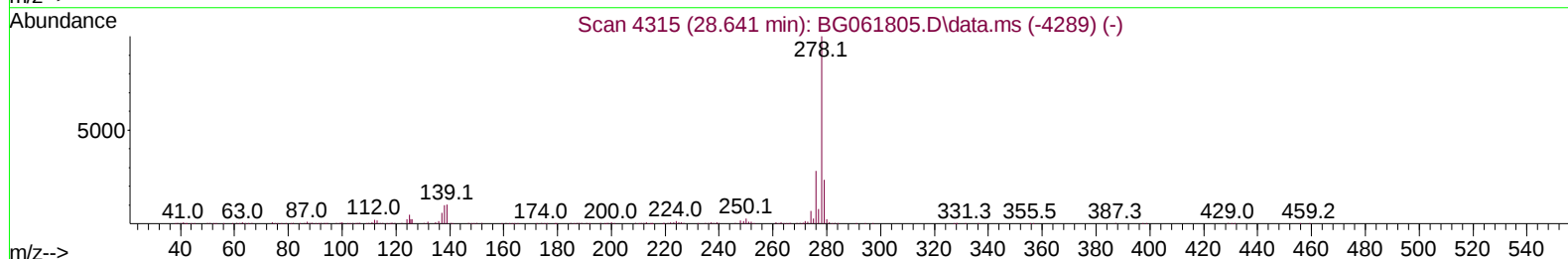
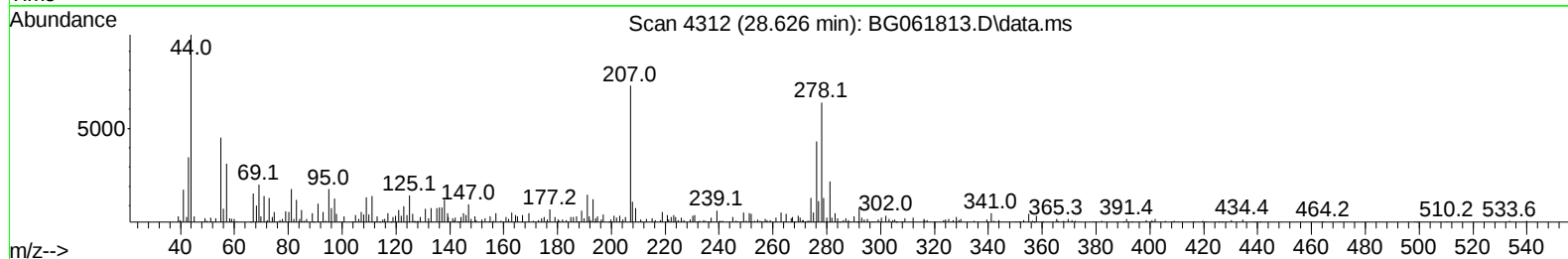
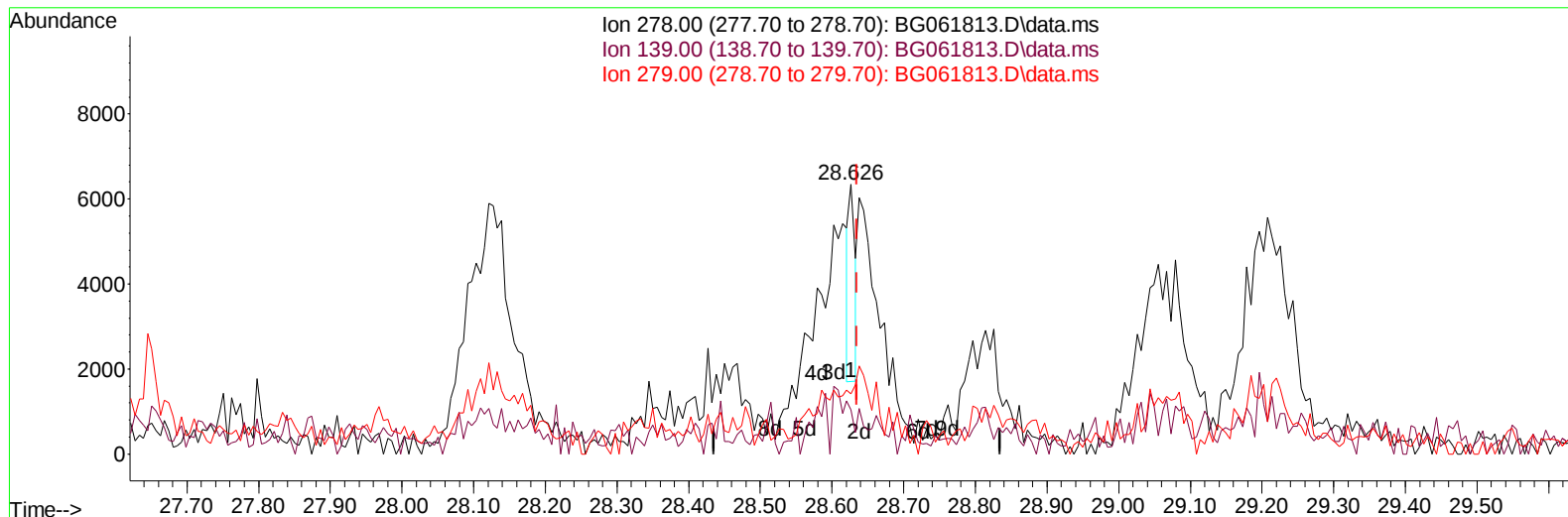
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061813.D
Acq On : 1 Jul 2024 15:26
Operator : MA/JU
Sample : P2871-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B56DL

Manual IntegrationsAPPROVED

Quant Time: Jul 01 16:16:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
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QLast Update : Thu Jun 27 12:23:53 2024
Response via : Initial Calibration

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Supervised By :mohammad ahmed 07/04/2024



TIC: BG061813.D\data.ms

(95) Dibenzo(a,h)anthracene

28.626min (-0.009) 0.12 ng/u1

response 2652

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	11.40	16.38#
279.00	23.30	22.33
0.00	0.00	0.00

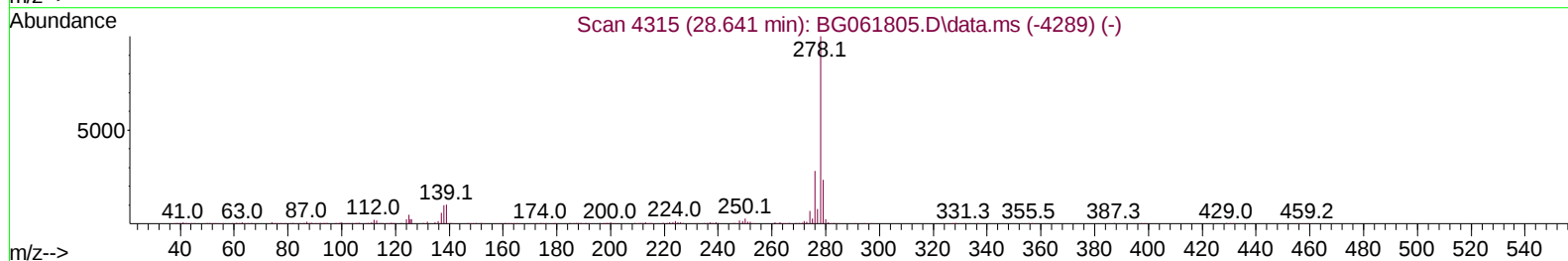
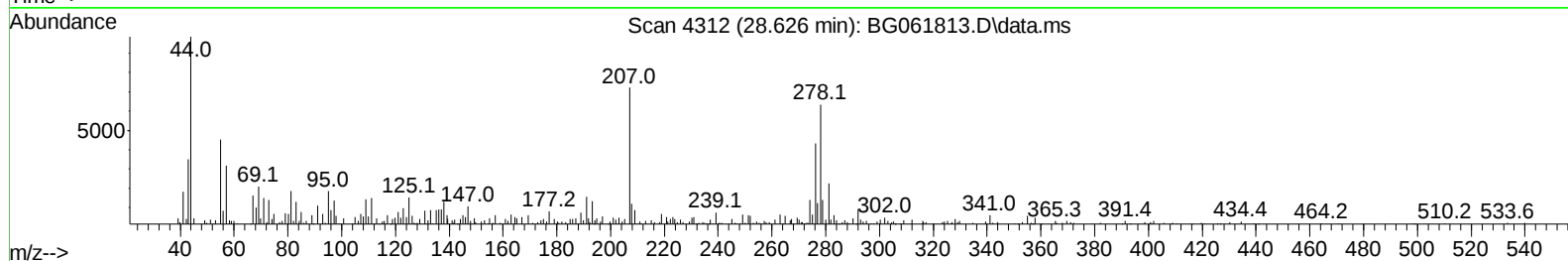
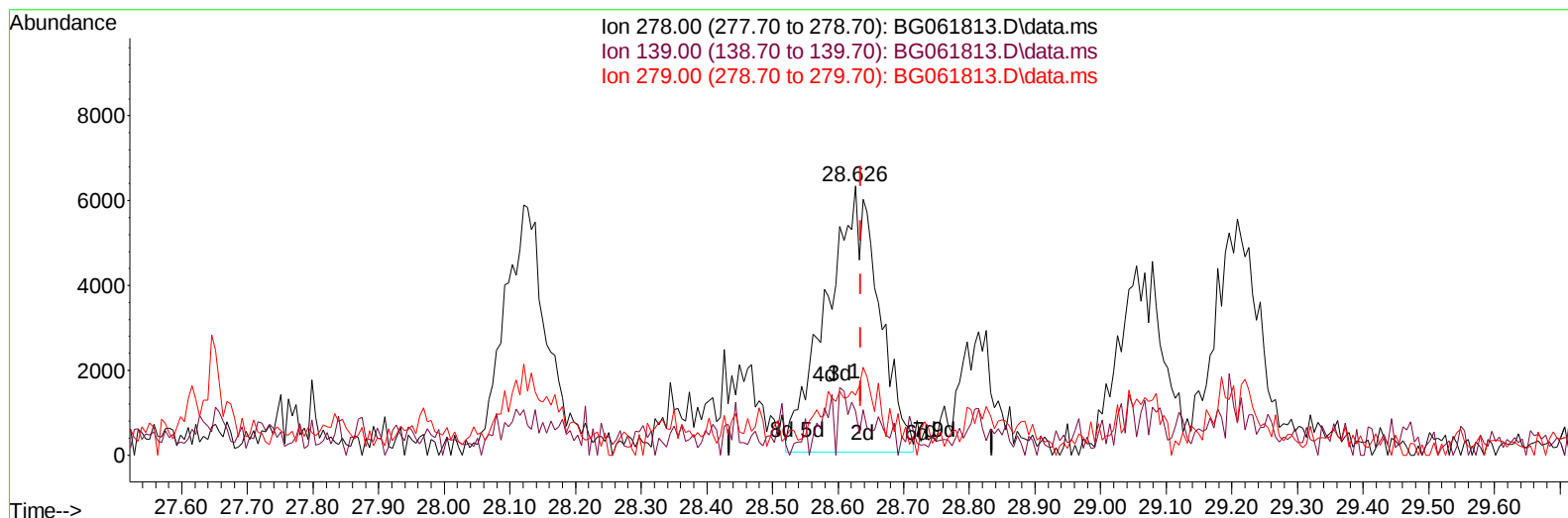
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061813.D
Acq On : 1 Jul 2024 15:26
Operator : MA/JU
Sample : P2871-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B56DL

Manual IntegrationsAPPROVED

Quant Time: Jul 01 16:16:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 12:23:53 2024
Response via : Initial Calibration

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



TIC: BG061813.D\data.ms

(95) Dibenzo(a,h)anthracene

28.626min (-0.009) 1.54 ng/ul m

response 34950

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	11.40	9.73
279.00	23.30	22.33
0.00	0.00	0.00

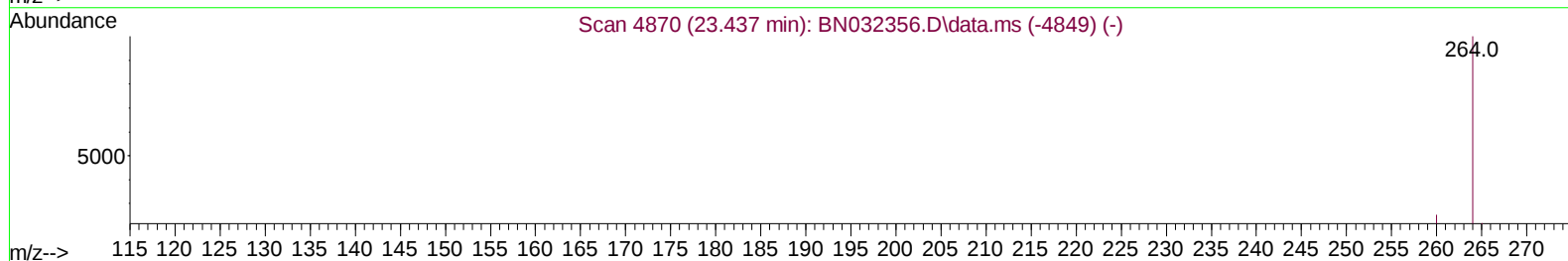
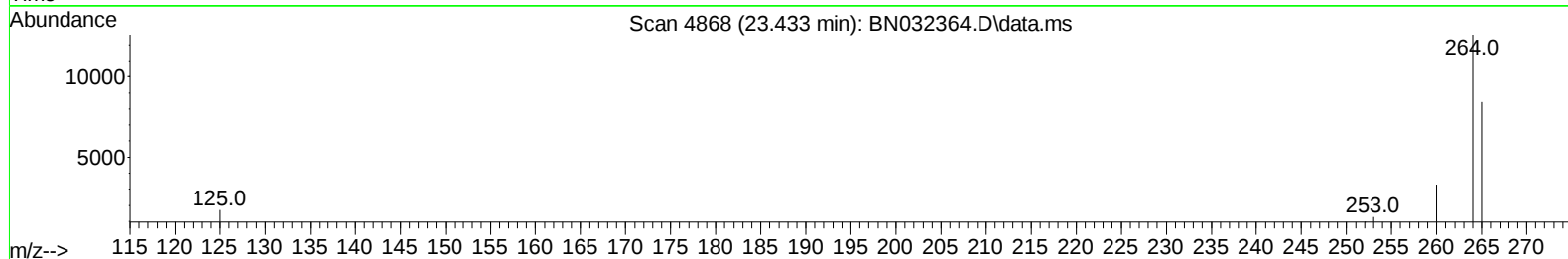
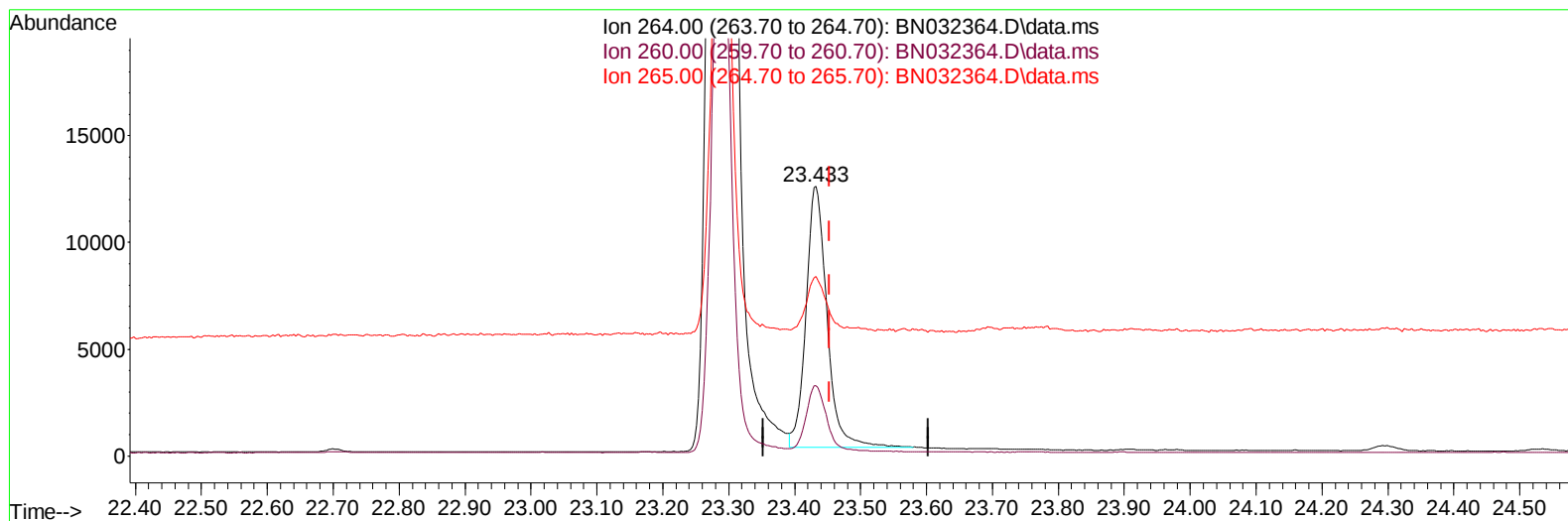
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032364.D
Acq On : 01 Jul 2024 15:49
Operator : MA/JU
Sample : P2934-20DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B56DL

Manual IntegrationsAPPROVED

Quant Time: Jul 01 16:51:16 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: BN032364.D\data.ms

(23) Perylene-d12 (I)

23.433min (-0.021) 0.40 ng/u1

response 26827

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	26.12
265.00	67.20	66.70
0.00	0.00	0.00

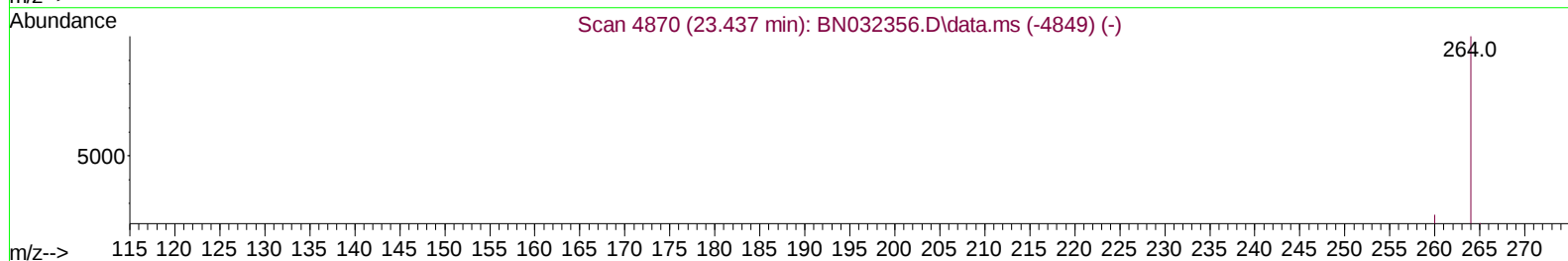
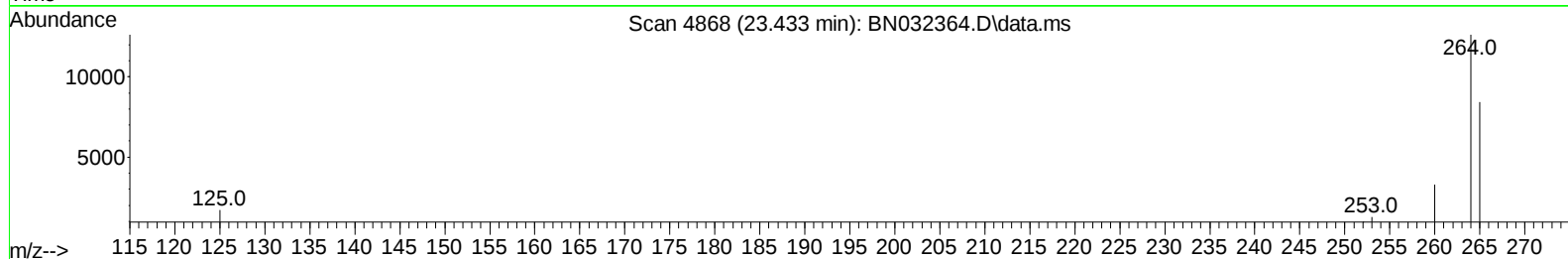
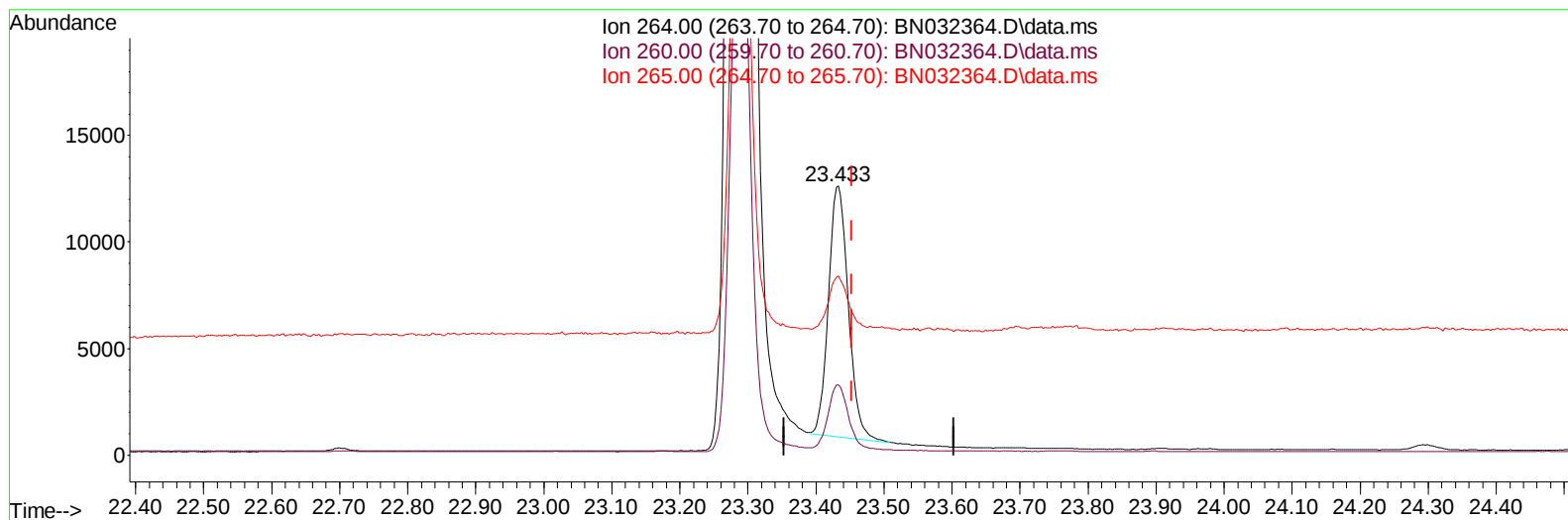
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032364.D
Acq On : 01 Jul 2024 15:49
Operator : MA/JU
Sample : P2934-20DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B56DL

Manual IntegrationsAPPROVED

Quant Time: Jul 01 16:51:16 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: BN032364.D\data.ms

(23) Perylene-d12 (I)

23.433min (-0.021) 0.40 ng/ul m

response 23789

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	26.12
265.00	67.20	66.70
0.00	0.00	0.00

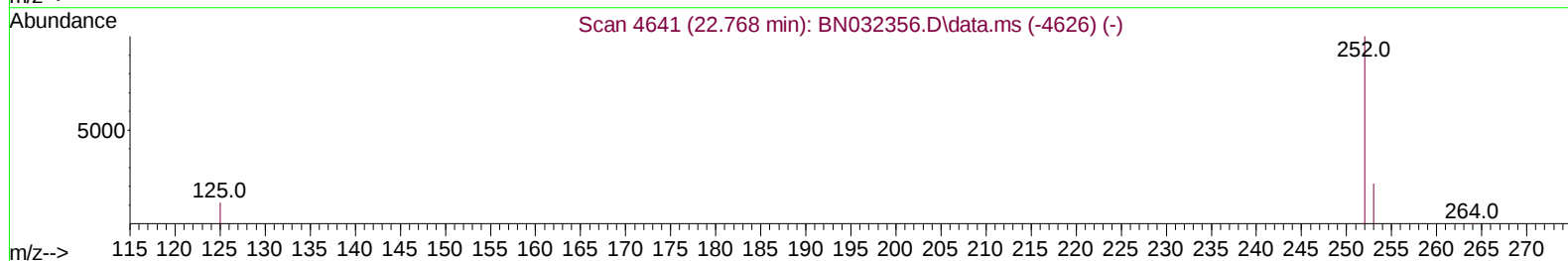
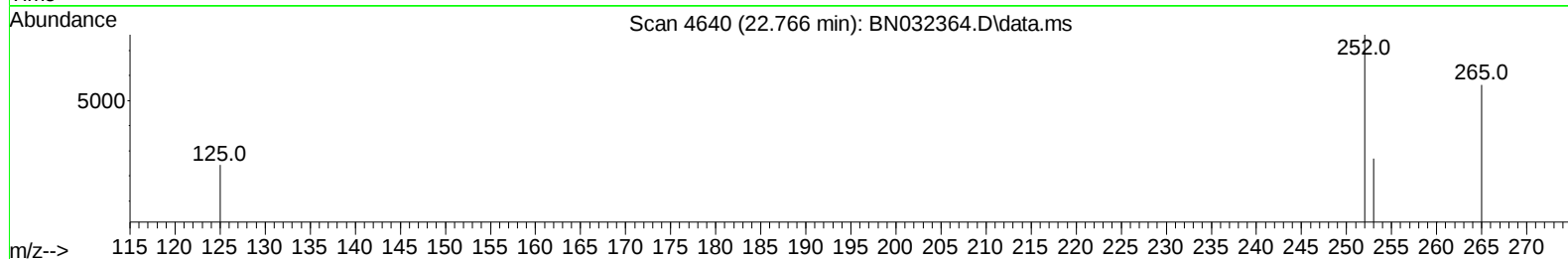
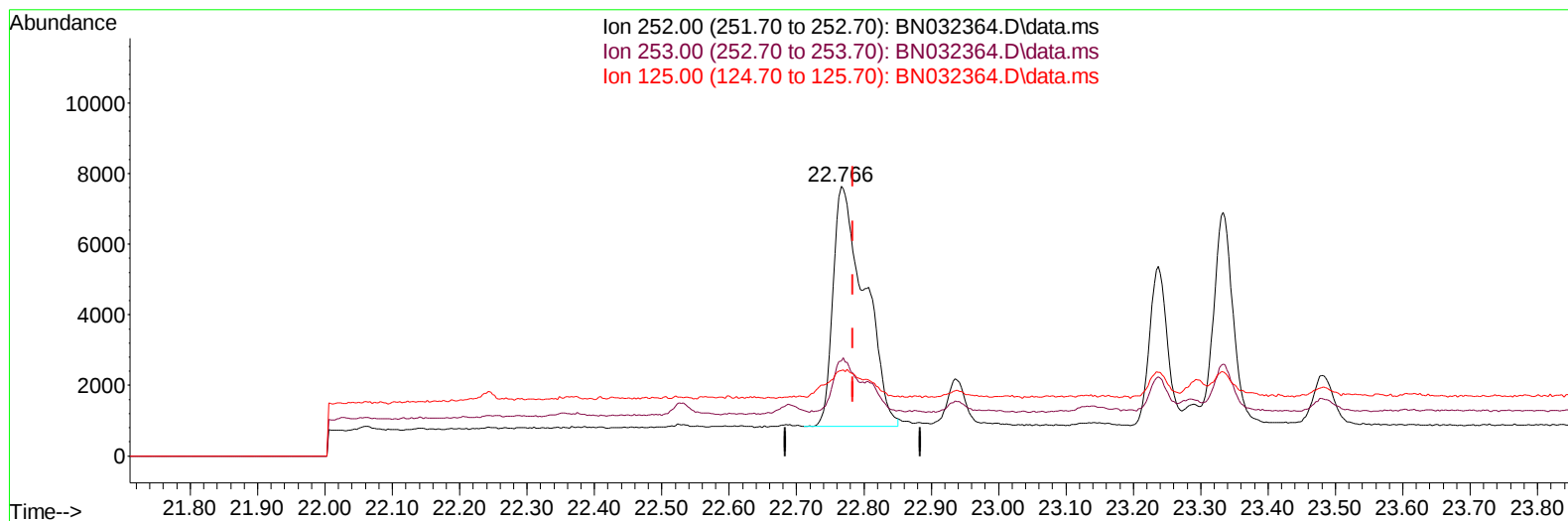
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032364.D
Acq On : 01 Jul 2024 15:49
Operator : MA/JU
Sample : P2934-20DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B56DL

Manual IntegrationsAPPROVED

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

Quant Time: Jul 01 16:51:16 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: BN032364.D\data.ms

(24) Benzo(b)fluoranthene

22.766min (-0.018) 0.21 ng/u1

response 22183

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	35.22
125.00	16.00	31.82
0.00	0.00	0.00

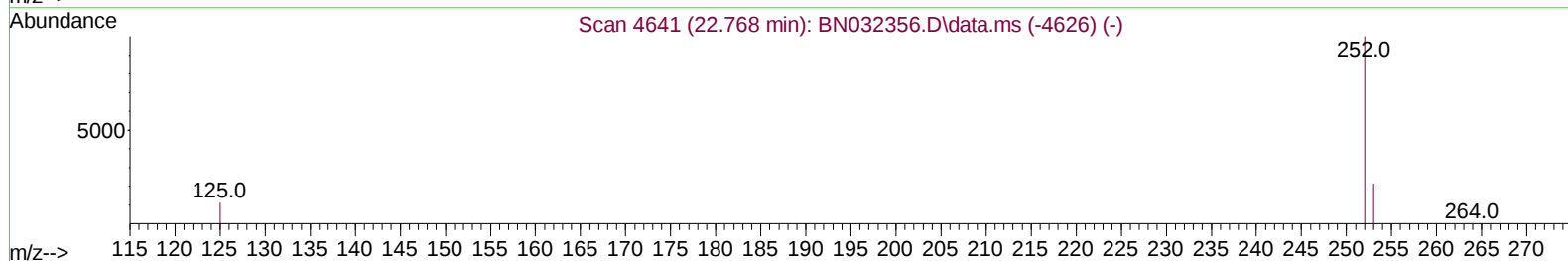
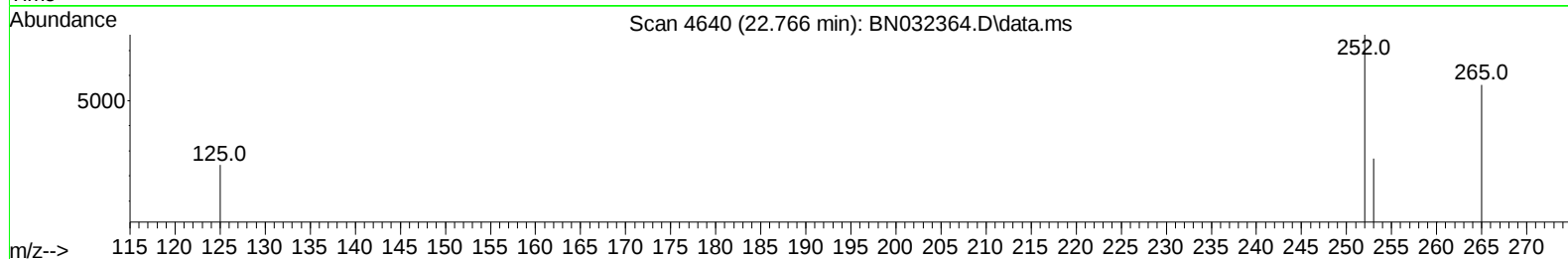
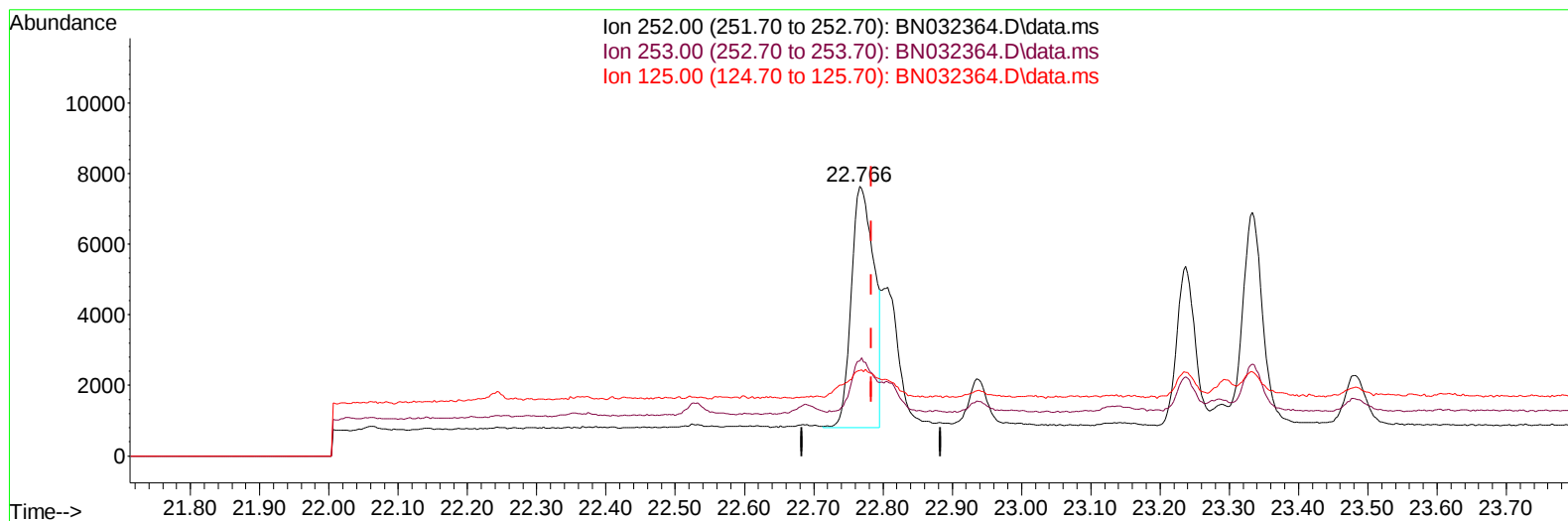
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032364.D
Acq On : 01 Jul 2024 15:49
Operator : MA/JU
Sample : P2934-20DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B56DL

Manual IntegrationsAPPROVED

Quant Time: Jul 01 16:51:16 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: BN032364.D\data.ms

(24) Benzo(b)fluoranthene

22.766min (-0.018) 0.15 ng/u1 m

response 15719

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	35.22
125.00	16.00	31.82
0.00	0.00	0.00

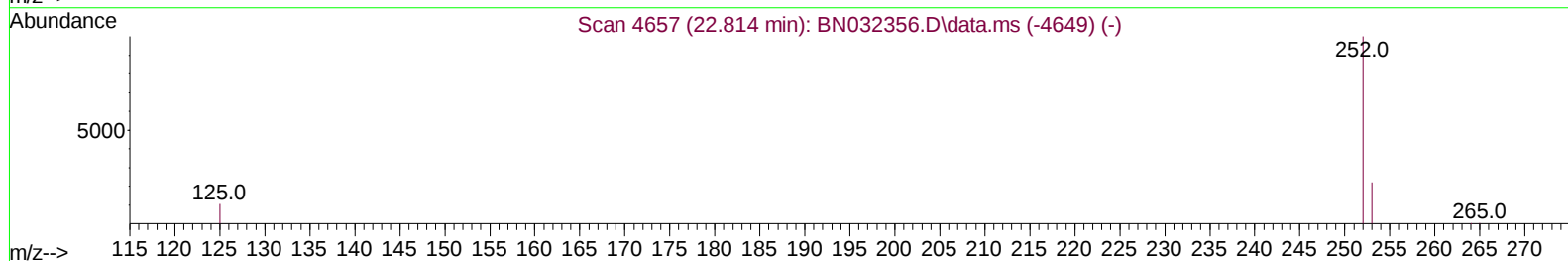
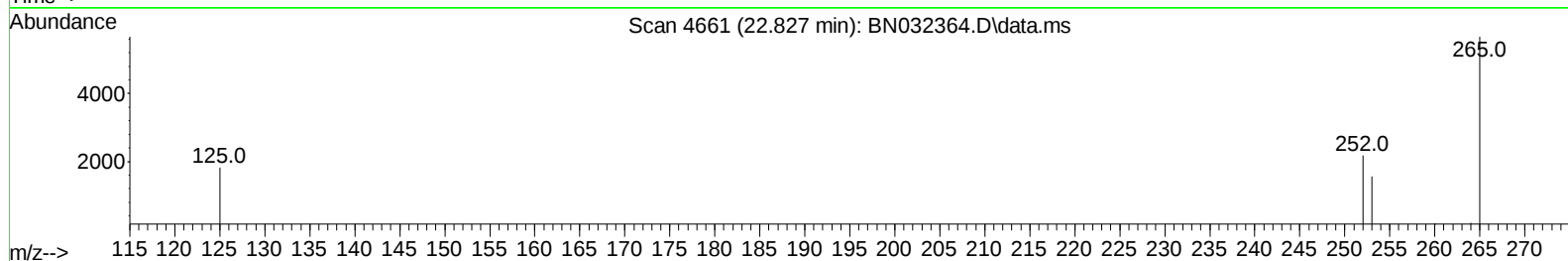
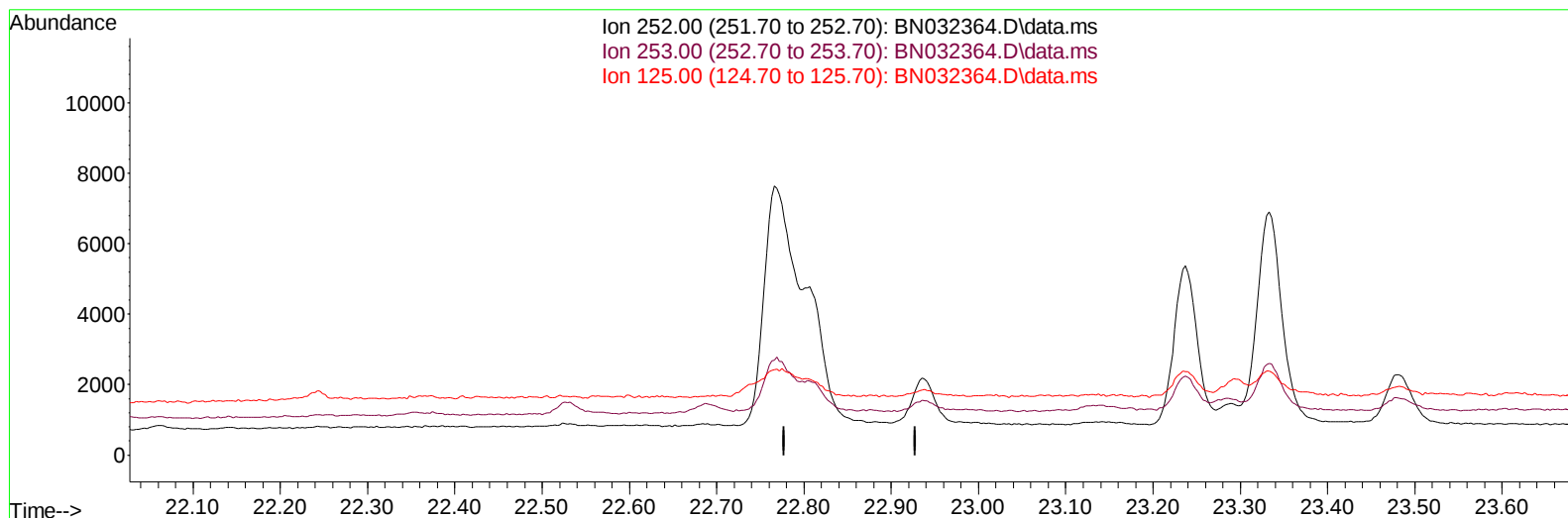
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032364.D
Acq On : 01 Jul 2024 15:49
Operator : MA/JU
Sample : P2934-20DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B56DL

Manual IntegrationsAPPROVED

Quant Time: Jul 01 16:51:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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Supervised By :mohammad ahmed 07/04/2024



TIC: BN032364.D\data.ms

(25) Benzo(k)fluoranthene

22.828min (-22.828) 0.00 ng/u1

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

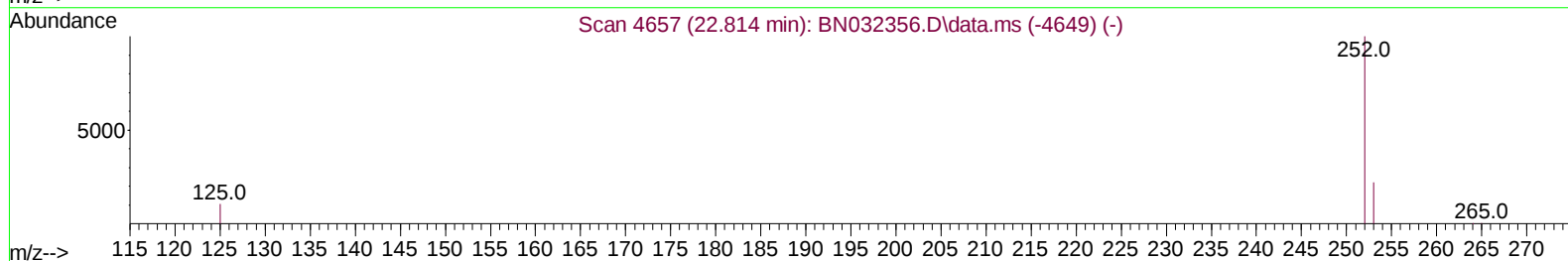
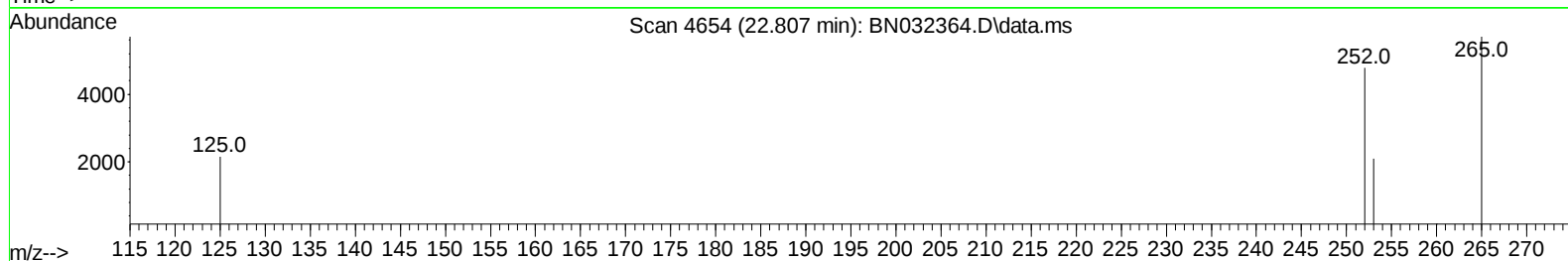
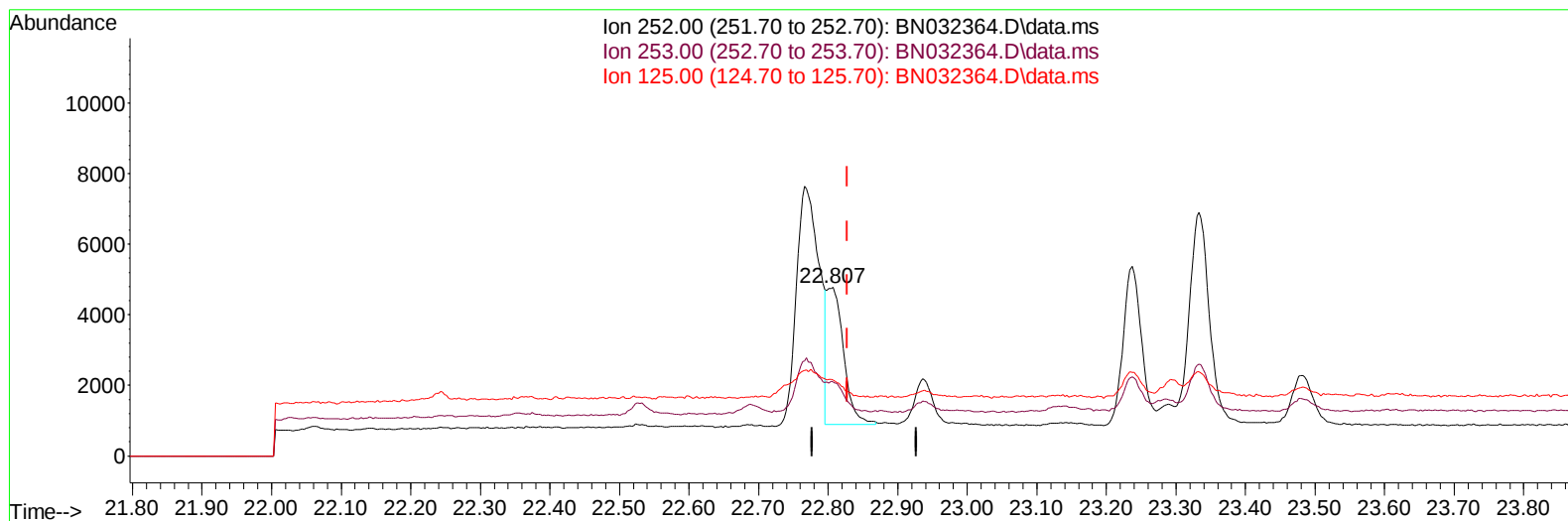
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032364.D
Acq On : 01 Jul 2024 15:49
Operator : MA/JU
Sample : P2934-20DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B56DL

Manual IntegrationsAPPROVED

Quant Time: Jul 01 16:51:16 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: BN032364.D\data.ms

(25) Benzo(k)fluoranthene

22.807min (-0.021) 0.07 ng/ul m

response 6565

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	43.99#
125.00	16.00	45.21#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032364.D
 Acq On : 01 Jul 2024 15:49
 Operator : MA/JU
 Sample : P2934-20DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B56DL

Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.612	152	7515	0.400	ng/ul	0.00
4) Naphthalene-d8	10.387	136	21546	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.258	164	11831	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.012	188	23508	0.400	ng/ul	-0.01
17) Chrysene-d12	21.217	240	21095	0.400	ng/ul	0.00
23) Perylene-d12	23.433	264	23789m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	5220	0.625	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.988	152	1309	0.041	ng/ul	-0.01
18) Fluoranthene-d10	19.050	212	2908	0.046	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.975	152	1305	0.027	ng/ul#	76
15) Phenanthrene	17.054	178	14411	0.224	ng/ul	99
16) Anthracene	17.143	178	3685	0.064	ng/ul#	90
19) Fluoranthene	19.078	202	25171	0.313	ng/ul	97
20) Pyrene	19.440	202	24491	0.292	ng/ul	99
21) Benzo(a)anthracene	21.200	228	12641	0.166	ng/ul	93
22) Chrysene	21.252	228	11489	0.137	ng/ul	94
24) Benzo(b)fluoranthene	22.766	252	15719m	0.152	ng/ul	
25) Benzo(k)fluoranthene	22.807	252	6565m	0.065	ng/ul	
26) Benzo(a)pyrene	23.333	252	11835	0.165	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	25.670	276	8543	0.076	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.680	278	2181	0.026	ng/ul#	1
29) Benzo(g,h,i)perylene	26.361	276	8433	0.094	ng/ul#	81

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032364.D
Acq On : 01 Jul 2024 15:49
Operator : MA/JU
Sample : P2934-20DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B56DL

Manual IntegrationsAPPROVED

Quant Time: Jul 01 16:51:16 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

