

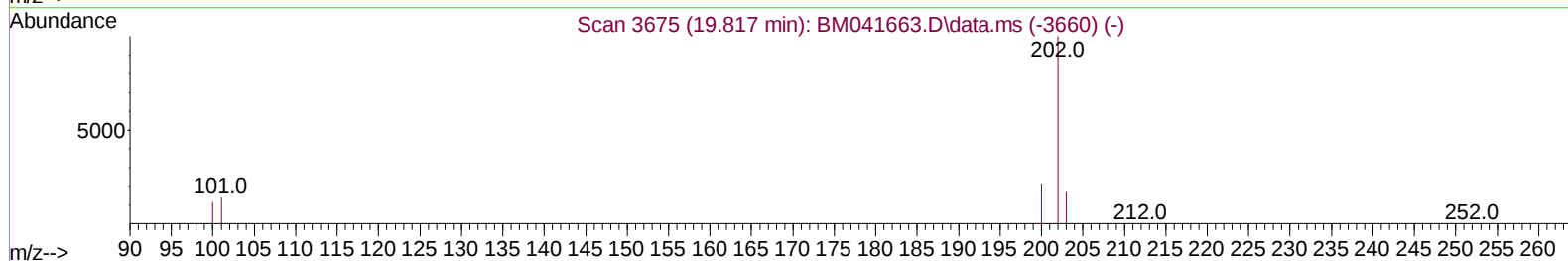
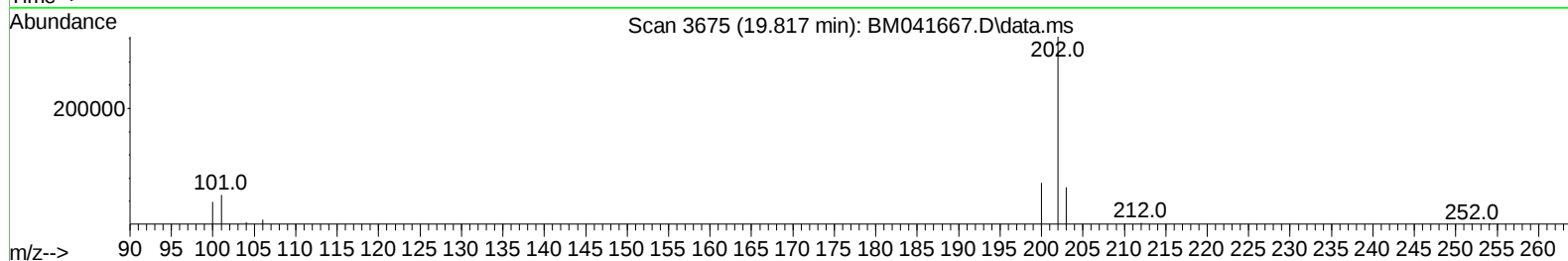
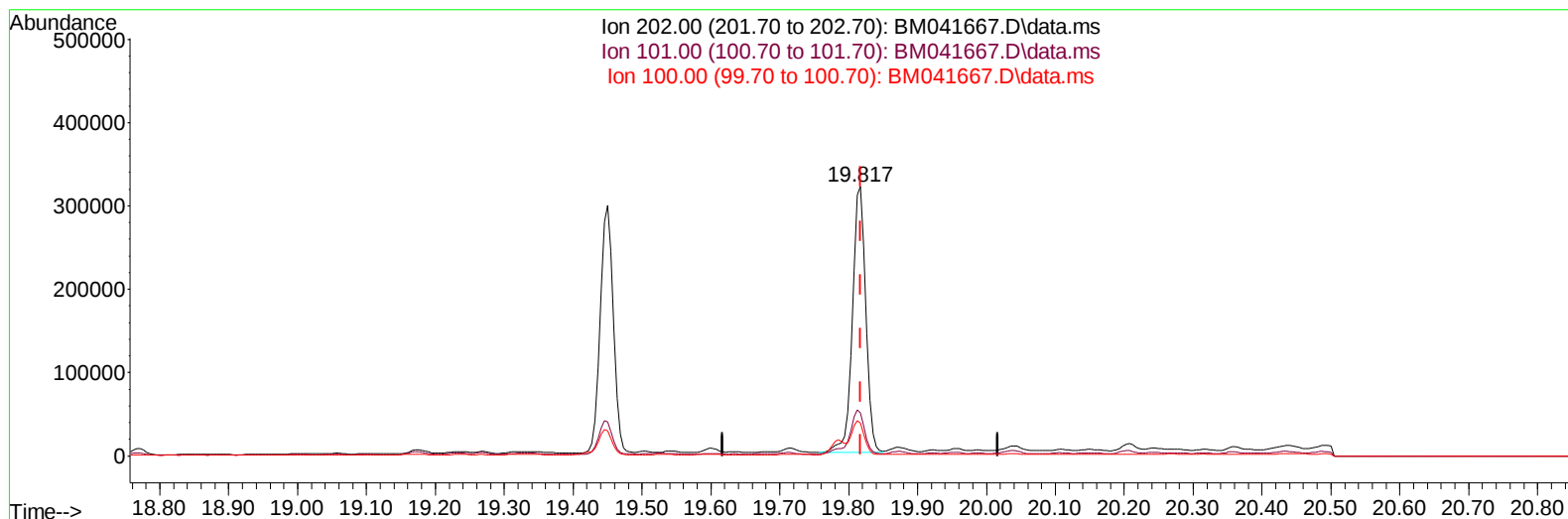
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
Data File : BM041667.D
Acq On : 06 Sep 2023 20:25
Operator : MA/JU
Sample : 04113-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BH461

Manual IntegrationsAPPROVED

Quant Time: Sep 06 21:05:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 06 02:20:07 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/09/2023



TIC: BM041667.D\data.ms

(20) Pyrene

19.817min (+ 0.000) 4.19 ng/u1

response 434485

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.80	16.02
100.00	12.20	12.13
0.00	0.00	0.00

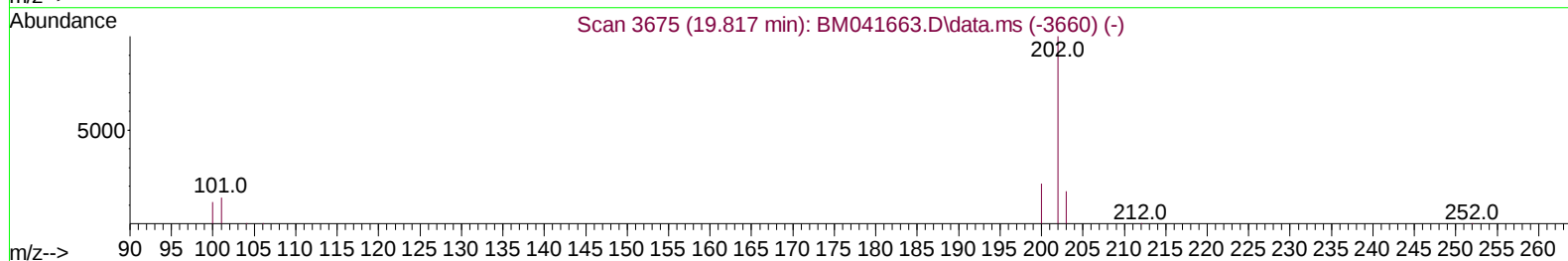
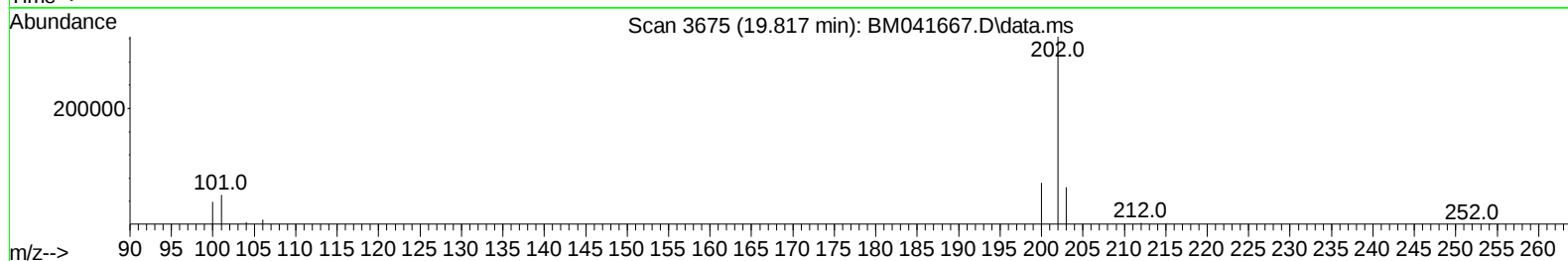
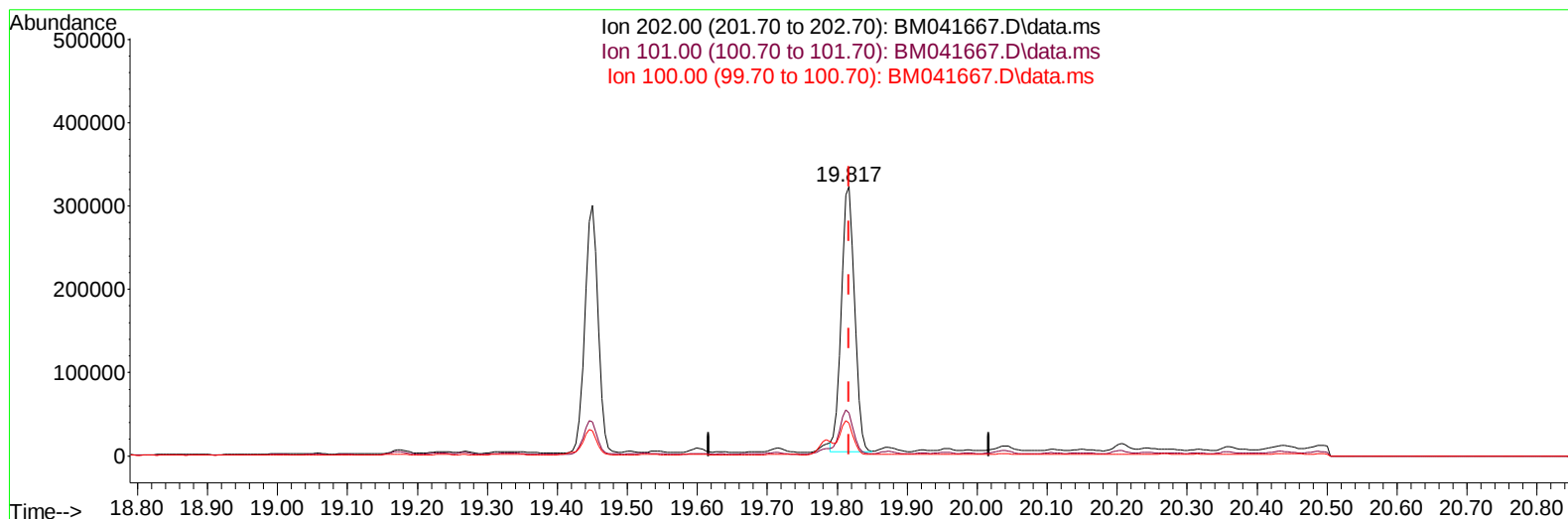
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
Data File : BM041667.D
Acq On : 06 Sep 2023 20:25
Operator : MA/JU
Sample : 04113-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BH461

Manual IntegrationsAPPROVED

Quant Time: Sep 06 21:05:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 06 02:20:07 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/09/2023



TIC: BM041667.D\data.ms

(20) Pyrene

19.817min (+ 0.000) 4.03 ng/ul m

response 418583

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.80	16.02
100.00	12.20	12.13
0.00	0.00	0.00

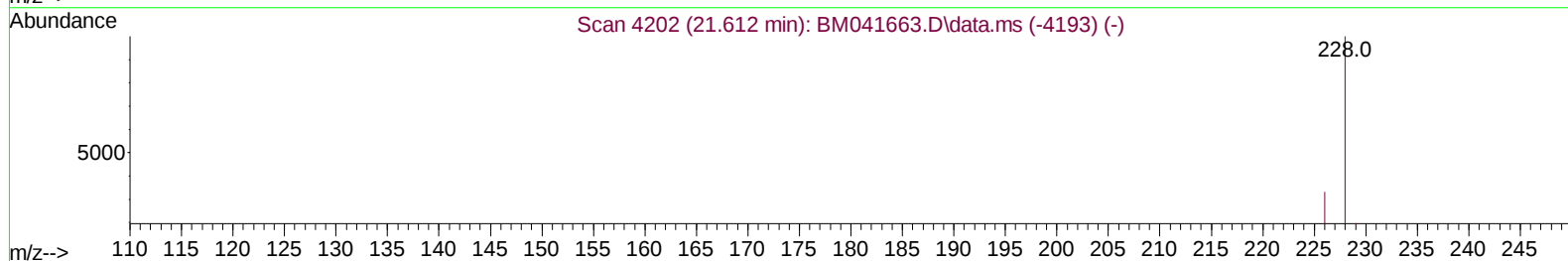
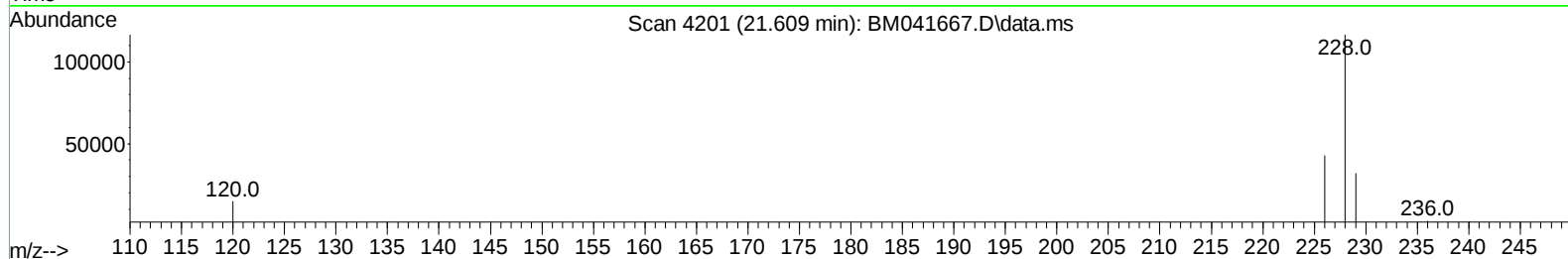
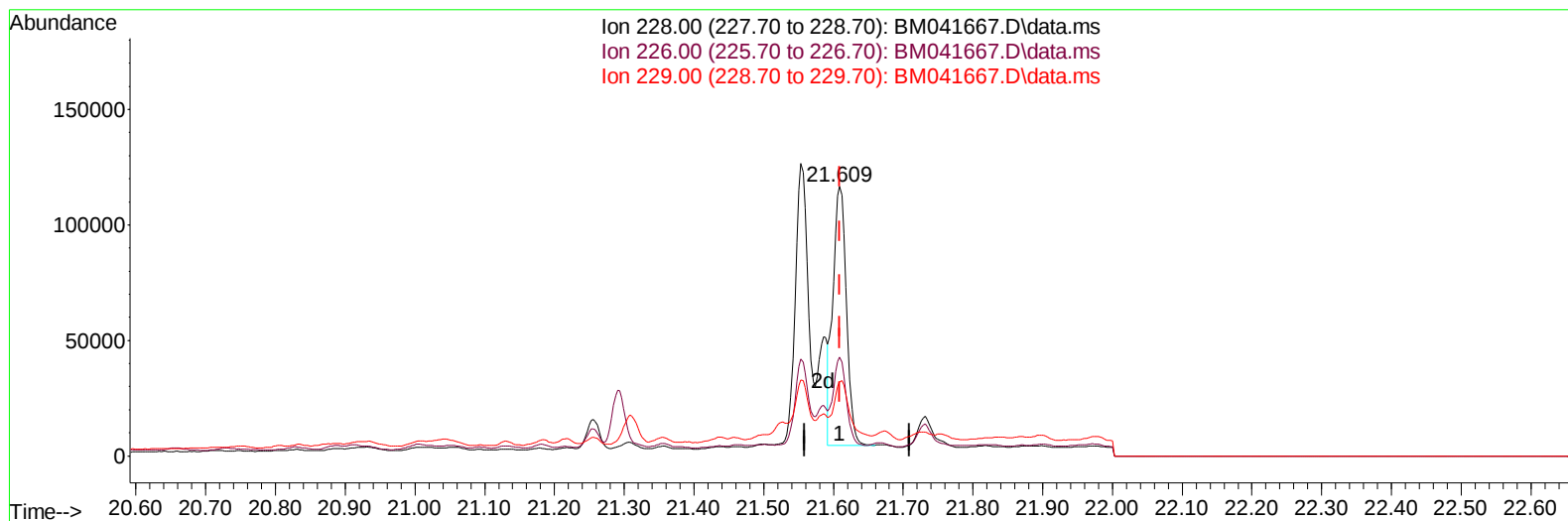
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
Data File : BM041667.D
Acq On : 06 Sep 2023 20:25
Operator : MA/JU
Sample : 04113-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BH461

Manual IntegrationsAPPROVED

Quant Time: Sep 06 21:05:00 2023
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TIC: BM041667.D\data.ms

(22) Chrysene

21.609min (+ 0.000) 1.93 ng/u1

response 150525

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	33.80	36.60
229.00	19.30	27.46#
0.00	0.00	0.00

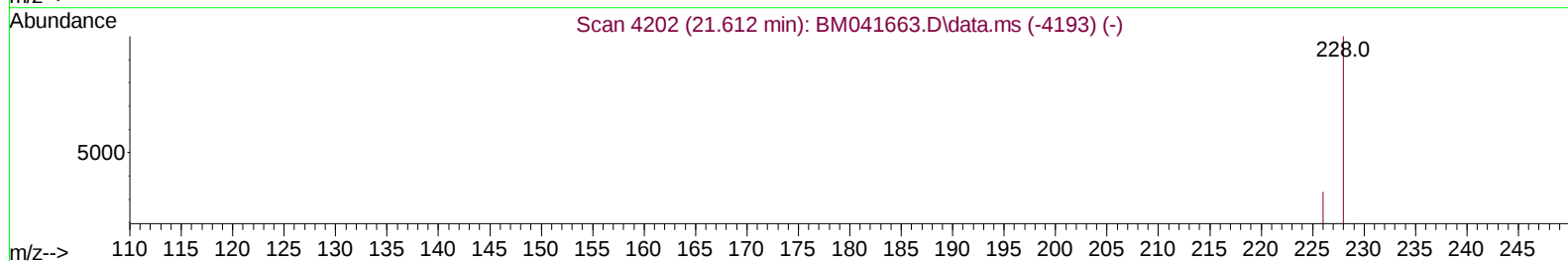
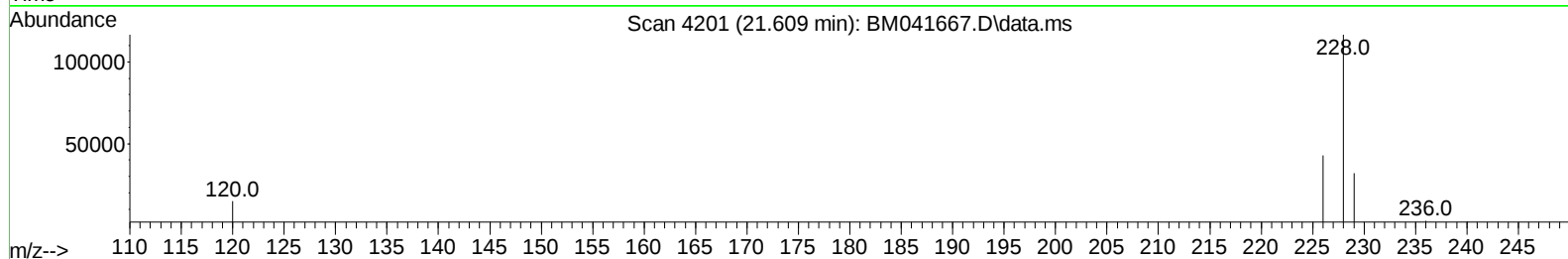
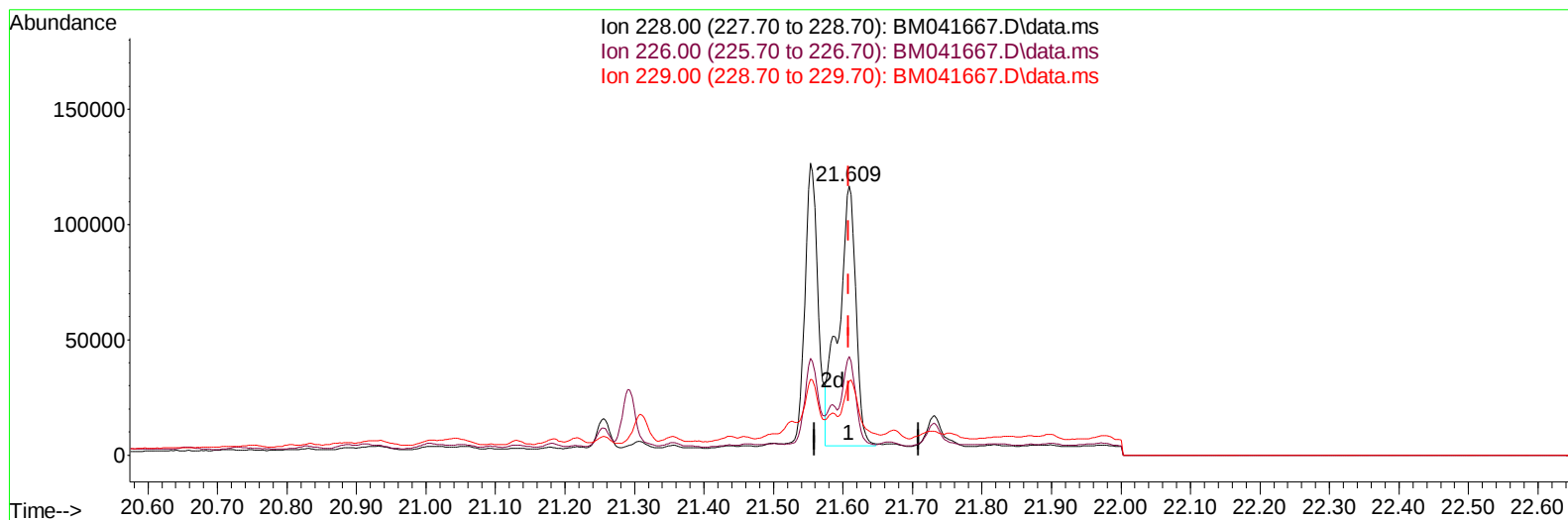
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
Data File : BM041667.D
Acq On : 06 Sep 2023 20:25
Operator : MA/JU
Sample : 04113-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BH461

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/09/2023
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Quant Time: Sep 06 21:05:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 06 02:20:07 2023
Response via : Initial Calibration



TIC: BM041667.D\data.ms

(22) Chrysene

21.609min (+ 0.000) 2.53 ng/u1 m

response 196753

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	33.80	36.60
229.00	19.30	27.46#
0.00	0.00	0.00

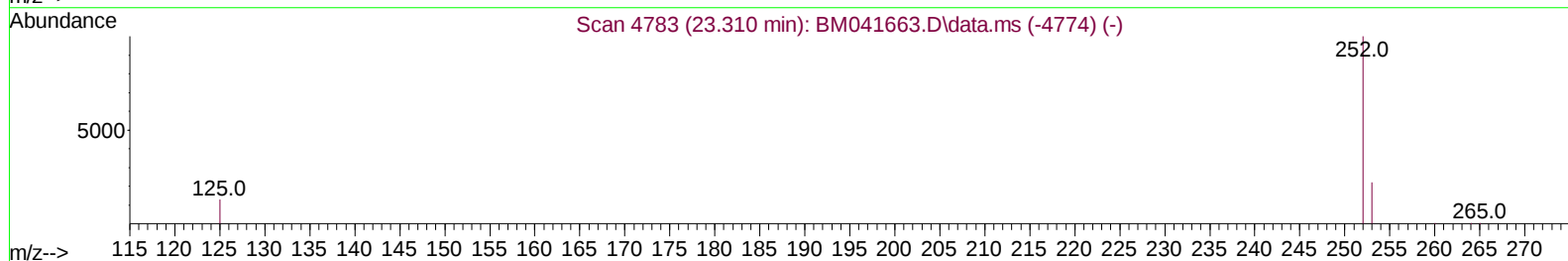
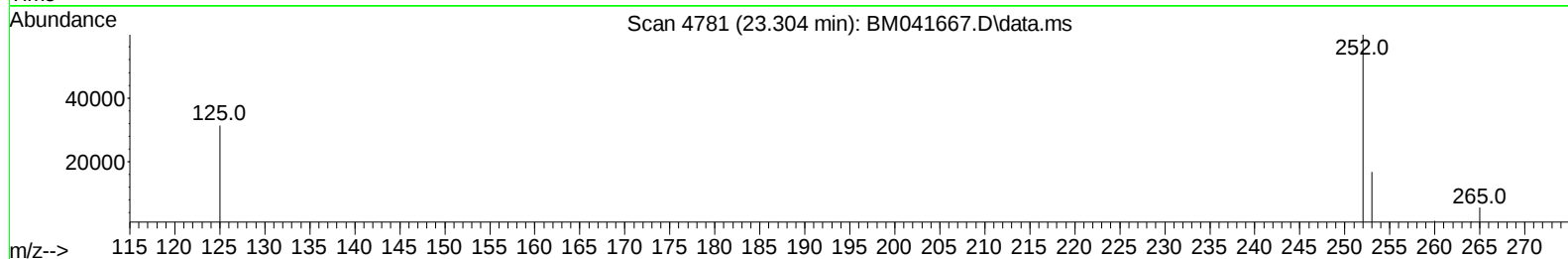
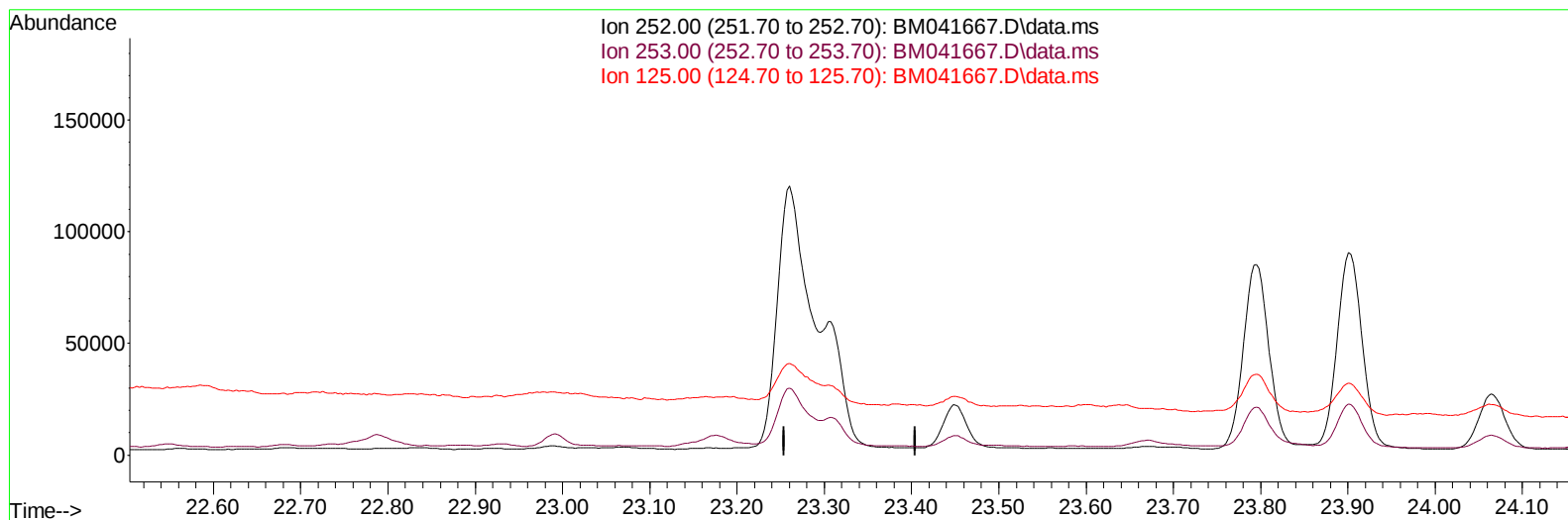
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
Data File : BM041667.D
Acq On : 06 Sep 2023 20:25
Operator : MA/JU
Sample : 04113-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BH461

Manual IntegrationsAPPROVED

Quant Time: Sep 06 21:05:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 06 02:20:07 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/09/2023



TIC: BM041667.D\data.ms

(25) Benzo(k)fluoranthene

23.304min (-23.304) 0.00 ng/u1

response 0

Ion	Exp%	Act%
252.00	100.00	0.00
253.00	26.60	0.00#
125.00	21.70	0.00#
0.00	0.00	0.00

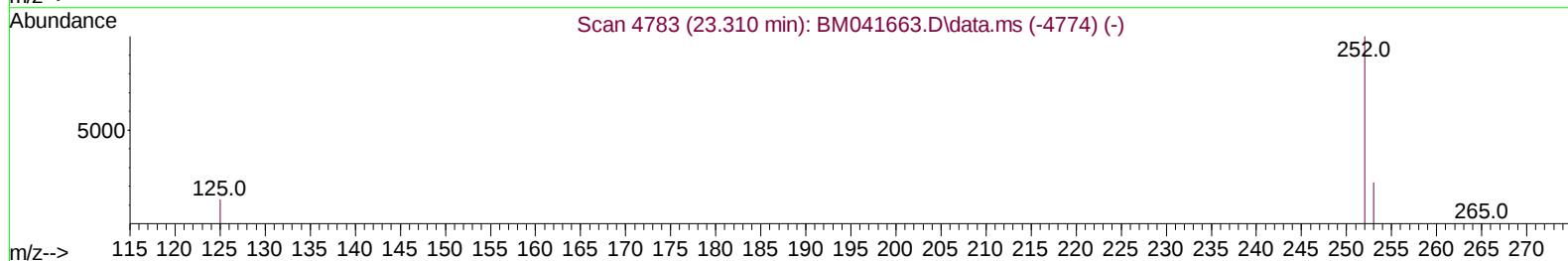
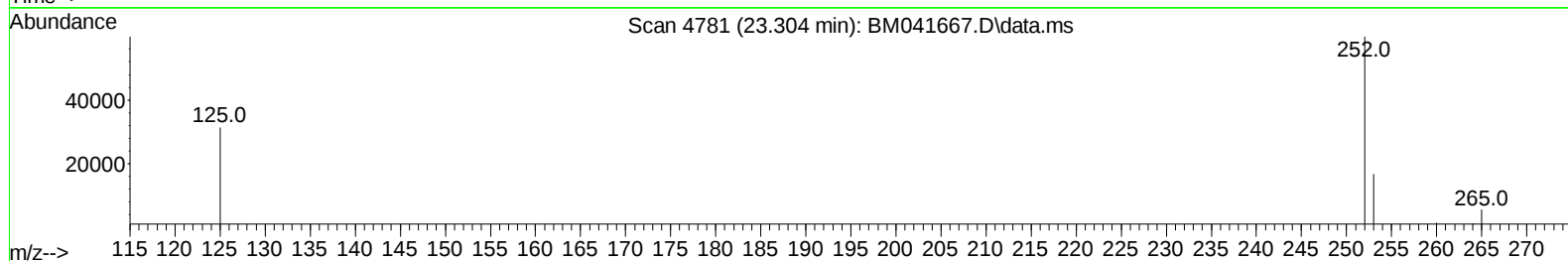
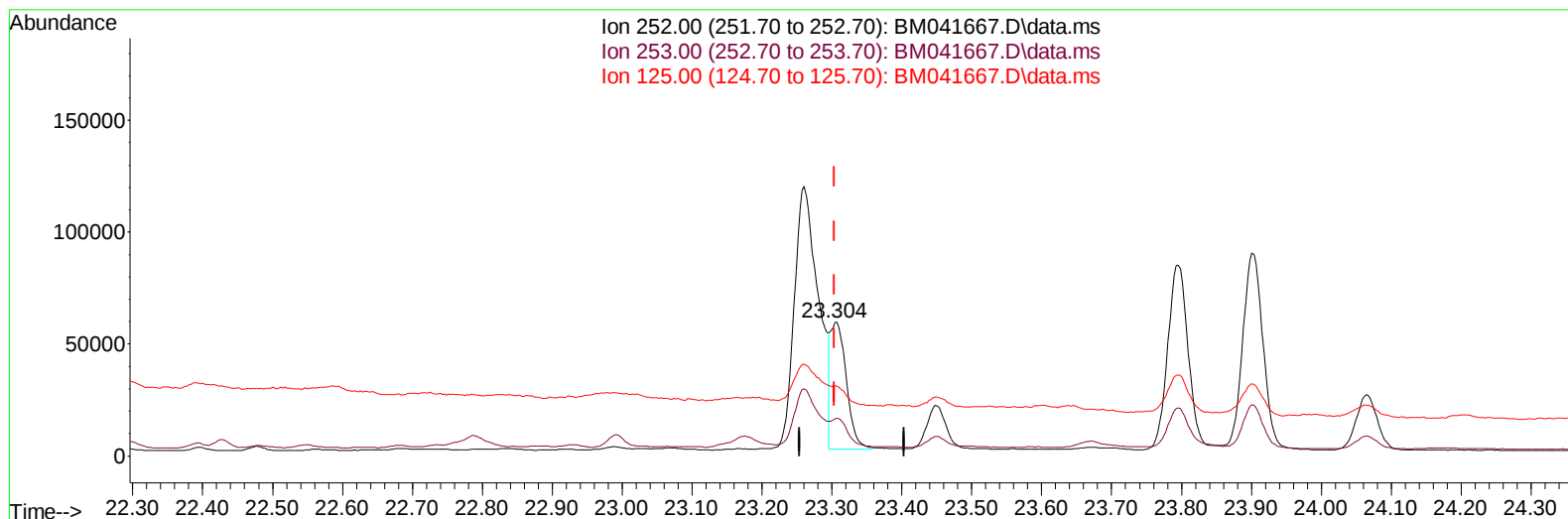
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
 Data File : BM041667.D
 Acq On : 06 Sep 2023 20:25
 Operator : MA/JU
 Sample : 04113-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BH461

Manual IntegrationsAPPROVED

Quant Time: Sep 06 21:05:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 06 02:20:07 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/09/2023
 Supervised By :mohammad ahmed 09/09/2023



TIC: BM041667.D\data.ms

(25) Benzo(k)fluoranthene

23.304min (+ 0.000) 1.04 ng/ul m

response 88906

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.60	27.93
125.00	21.70	52.40#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
 Data File : BM041667.D
 Acq On : 06 Sep 2023 20:25
 Operator : MA/JU
 Sample : 04113-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BH461

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/09/2023
 Supervised By :mohammad ahmed 09/09/2023

Quant Time: Sep 06 21:05:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 06 02:20:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	6152	0.400	ng/ul	0.00
4) Naphthalene-d8	10.823	136	15927	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.648	164	8213	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.396	188	15654	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.571	240	8855	0.400	ng/ul	# 0.00
23) Perylene-d12	24.012	264	9805	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	27100	2.882	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	3564	0.174	ng/ul	0.00
18) Fluoranthene-d10	19.417	212	6578	0.153	ng/ul	0.00
Target Compounds				Qvalue		
5) Naphthalene	10.873	128	101458	1.940	ng/ul	98
7) 2-Methylnaphthalene	12.478	142	54488	1.835	ng/ul	100
8) 1-Methylnaphthalene	12.698	142	32719	1.097	ng/ul	99
10) Acenaphthylene	14.375	152	12737	0.251	ng/ul#	92
11) Acenaphthene	14.708	153	24210	0.614	ng/ul	98
12) Fluorene	15.693	166	27534	0.622	ng/ul	97
15) Phenanthrene	17.438	178	222162	3.361	ng/ul	99
16) Anthracene	17.531	178	54884	0.969	ng/ul#	95
19) Fluoranthene	19.450	202	395018	3.780	ng/ul	99
20) Pyrene	19.817	202	418583m	4.032	ng/ul	
21) Benzo(a)anthracene	21.553	228	157620	2.183	ng/ul#	92
22) Chrysene	21.609	228	196753m	2.525	ng/ul	
24) Benzo(b)fluoranthene	23.260	252	282008	3.214	ng/ul	87
25) Benzo(k)fluoranthene	23.304	252	88906m	1.035	ng/ul	
26) Benzo(a)pyrene	23.901	252	178107	2.498	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.532	276	157167	1.607	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.545	278	38283	0.558	ng/ul#	69
29) Benzo(g,h,i)perylene	27.327	276	173948	2.007	ng/ul	98

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

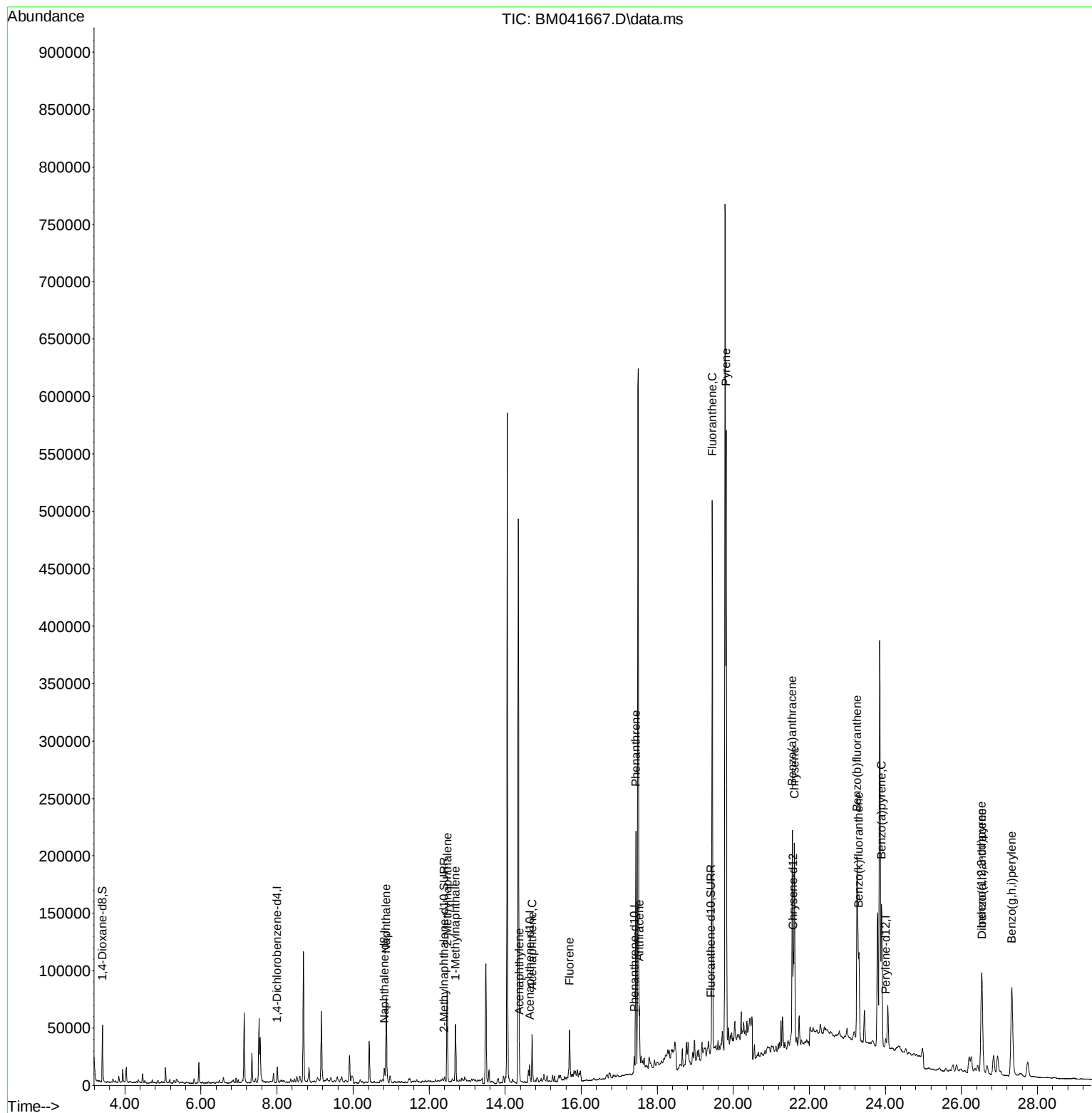
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
Data File : BM041667.D
Acq On : 06 Sep 2023 20:25
Operator : MA/JU
Sample : 04113-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BH461

Manual IntegrationsAPPROVED

Quant Time: Sep 06 21:05:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 06 02:20:07 2023
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Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/09/2023



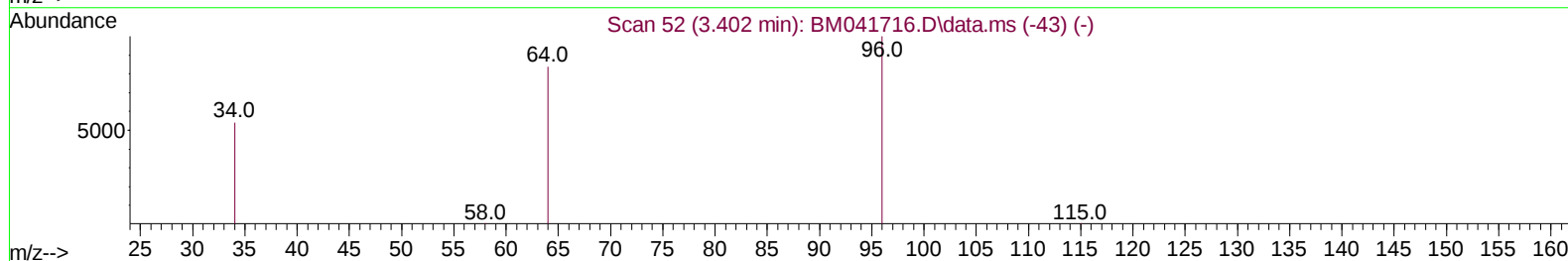
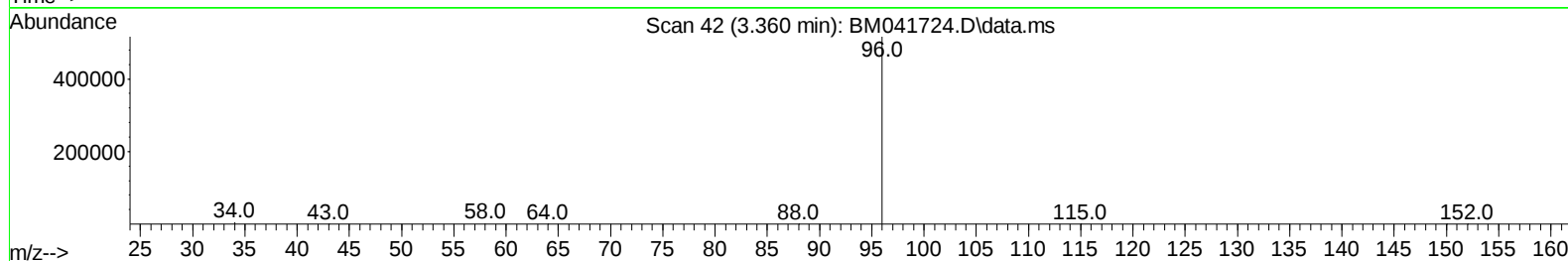
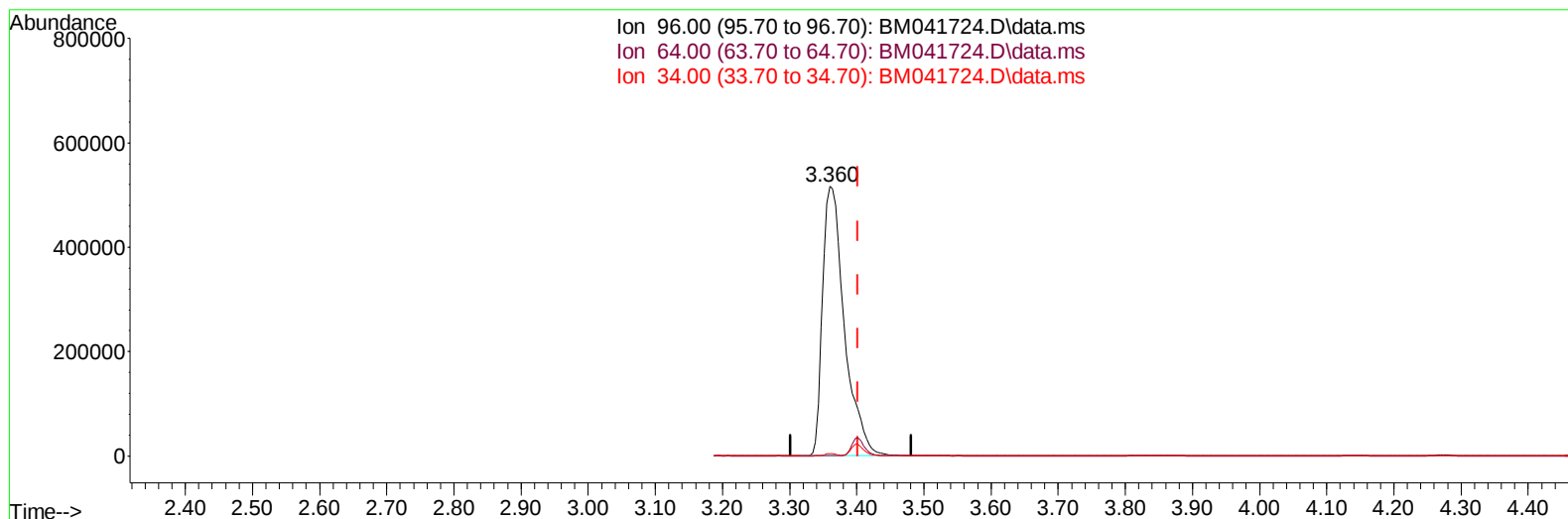
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
 Data File : BM041724.D
 Acq On : 08 Sep 2023 09:51
 Operator : MA/JU
 Sample : 04153-04
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BH461

Manual IntegrationsAPPROVED

Quant Time: Sep 08 23:12:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 08 06:08:11 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/09/2023
 Supervised By :mohammad ahmed 09/09/2023



TIC: BM041724.D\data.ms

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

3.360min (-0.042) 99.92 ng/u1

response 1167027

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	74.30	0.11#
34.00	53.80	0.91#
0.00	0.00	0.00

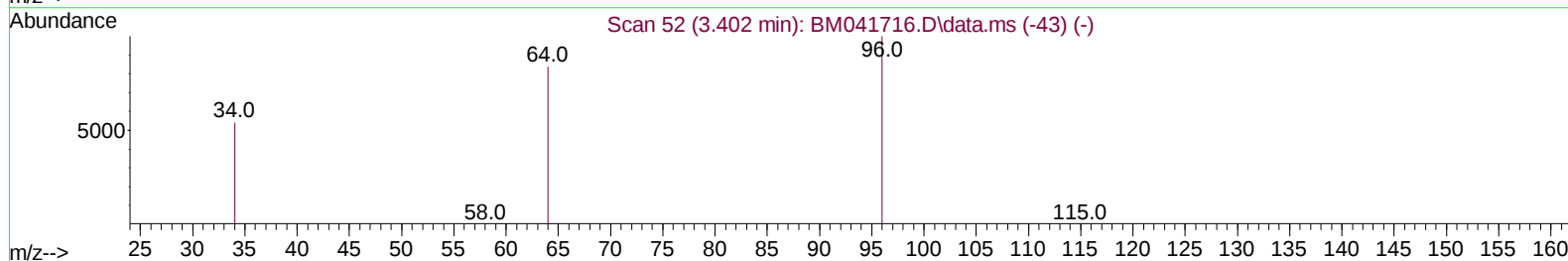
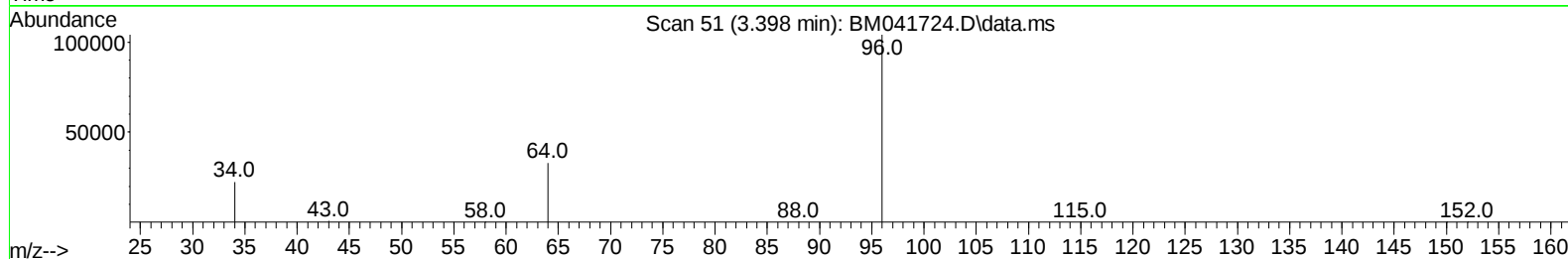
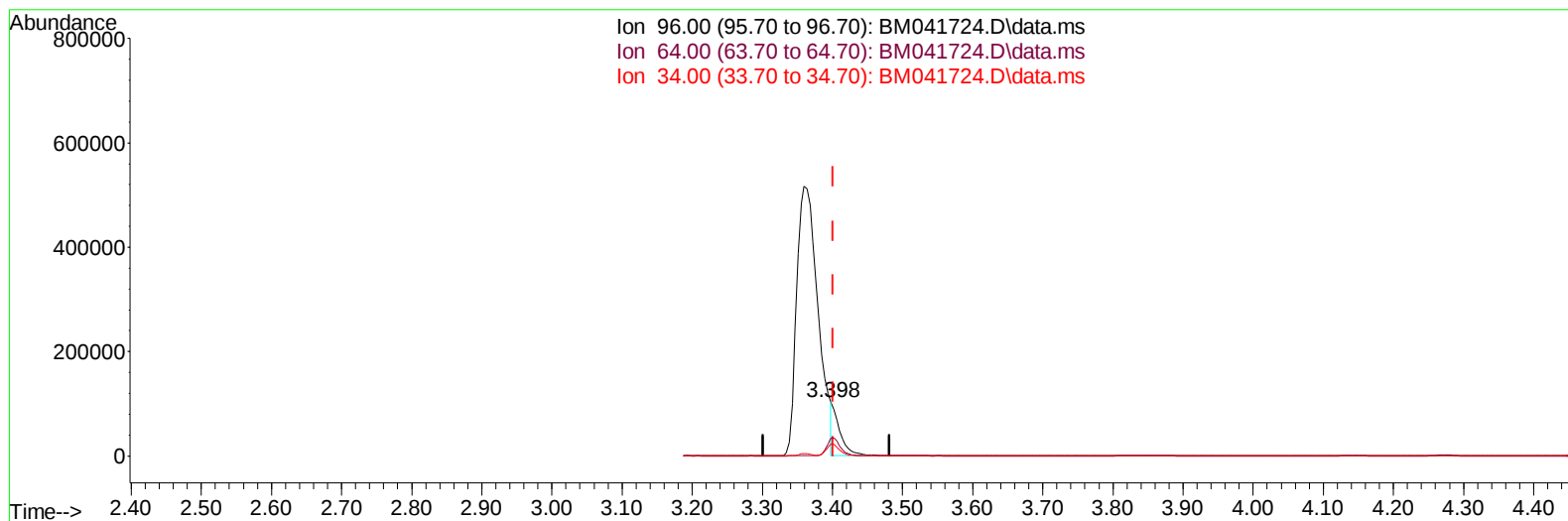
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
 Data File : BM041724.D
 Acq On : 08 Sep 2023 09:51
 Operator : MA/JU
 Sample : 04153-04
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BH461

Manual IntegrationsAPPROVED

Quant Time: Sep 08 23:12:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 08 06:08:11 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/09/2023
 Supervised By :mohammad ahmed 09/09/2023



TIC: BM041724.D\data.ms

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

3.398min (-0.004) 6.54 ng/ul m

response 76379

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	74.30	31.72#
34.00	53.80	21.56#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
 Data File : BM041724.D
 Acq On : 08 Sep 2023 09:51
 Operator : MA/JU
 Sample : 04153-04
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BH461

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/09/2023
 Supervised By :mohammad ahmed 09/09/2023

Quant Time: Sep 08 23:12:42 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 08 06:08:11 2023
 Response via : Initial Calibration

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.996	152		7642	0.400	ng/ul	0.00
4) Naphthalene-d8	10.812	136		20258	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.638	164		9405	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.388	188		19166	0.400	ng/ul	0.00
17) Chrysene-d12	21.559	240		6682	0.400	ng/ul	0.00
23) Perylene-d12	23.985	264		7305	0.400	ng/ul	# 0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.398	96		76379m	6.540	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.390	152		8723	0.335	ng/ul	0.00
18) Fluoranthene-d10	19.408	212		12892	0.398	ng/ul	0.00
Target Compounds							
							Qvalue
2) 1,4-Dioxane	3.440	88		1453	0.120	ng/ul#	77

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
Data File : BM041724.D
Acq On : 08 Sep 2023 09:51
Operator : MA/JU
Sample : 04153-04
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Sep 08 23:12:42 2023
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