

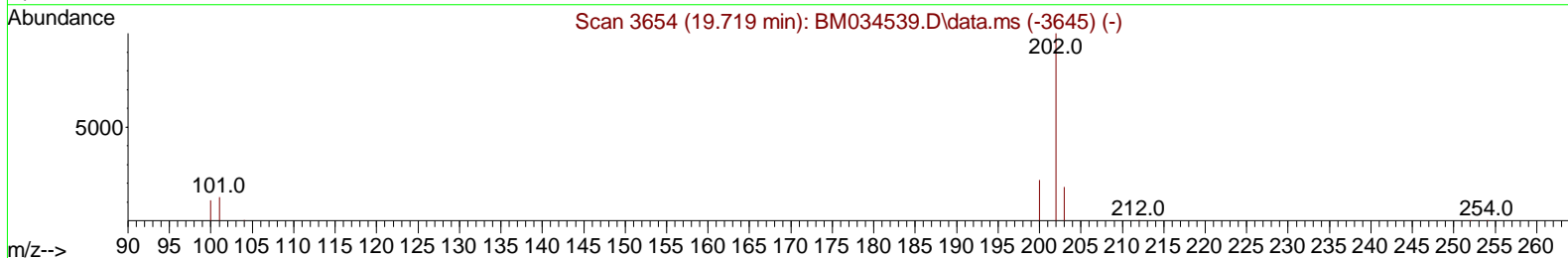
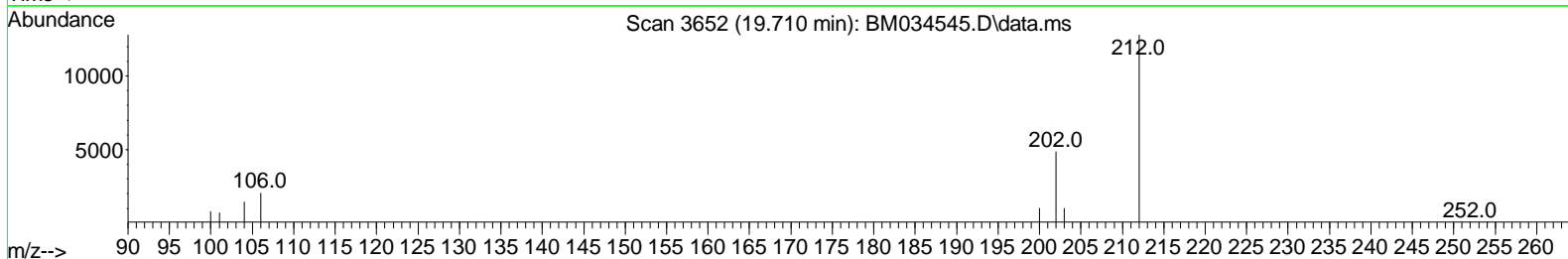
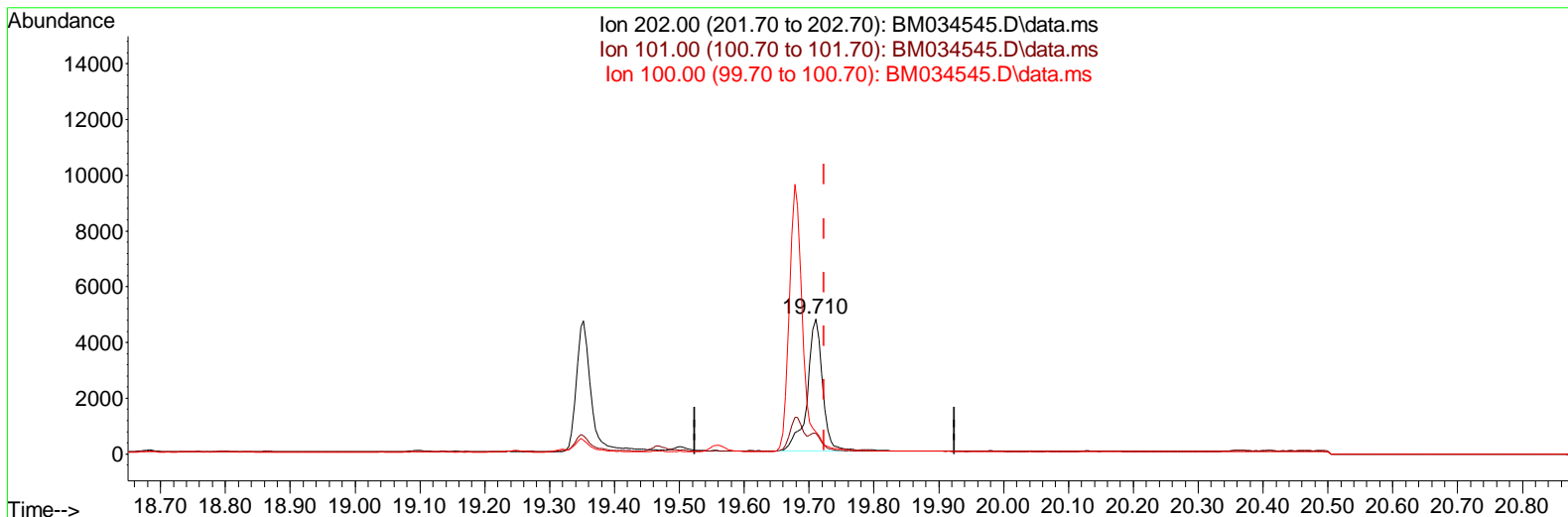
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BMO40722\
 Data File : BMO34545.D
 Acq On : 07 Apr 2022 14:16
 Operator : CG/JU
 Sample : N2182-15
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 C0R23

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 04/11/2022
 Supervised By :mohammad ahmed 04/11/2022

Quant Time: Apr 08 04:57:57 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SI M-BMO40422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 07 12:11:55 2022
 Response via : Initial Calibration



TIC: BM034545.D\data.ms

(20) Pyrene

19.710min (-0.014) 0.26 ng/ul

response 7956

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.60	15.20#
100.00	9.70	16.37#
0.00	0.00	0.00

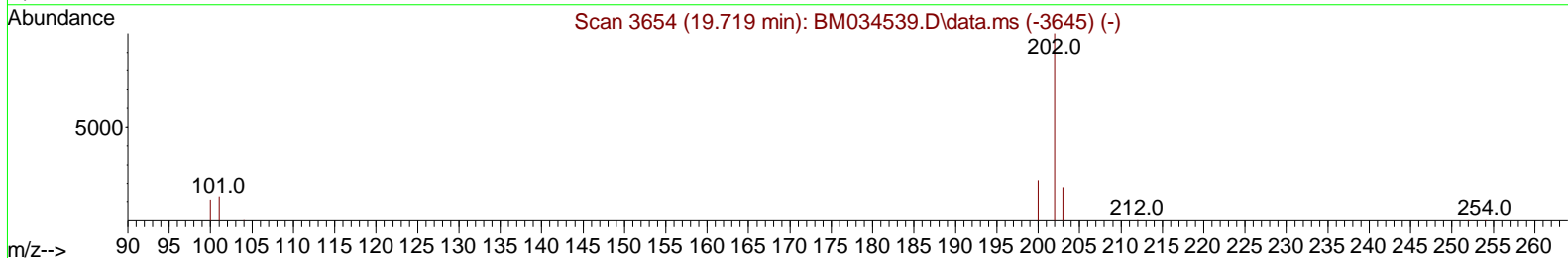
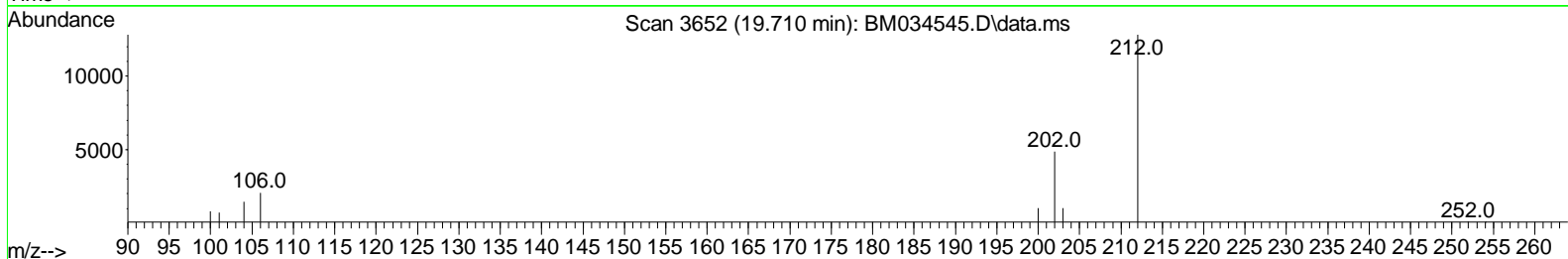
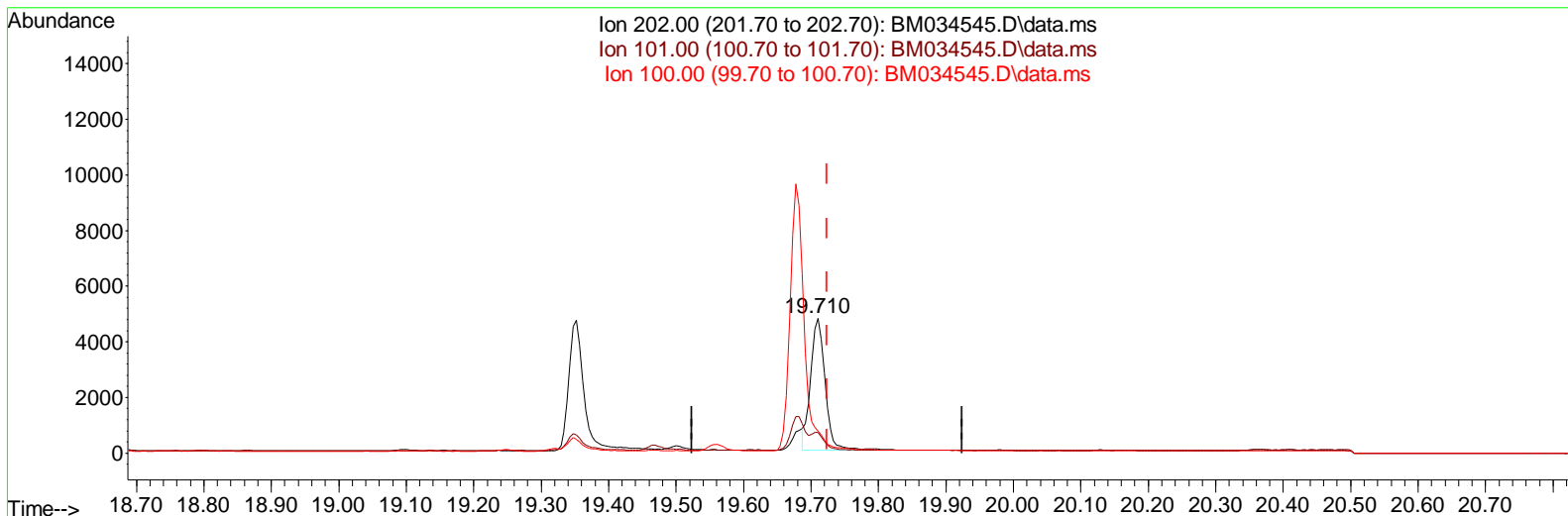
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BMO40722\
 Data File : BMO34545.D
 Acq On : 07 Apr 2022 14:16
 Operator : CG/JU
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 Misc :
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Instrument :
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Manual Integrations APPROVED

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 Supervised By :mohammad ahmed 04/11/2022



TIC: BM034545.D\data.ms

(20) Pyrene

19.710min (-0.014) 0.24 ng/ul m

response 7123

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.60	15.20#
100.00	9.70	16.37#
0.00	0.00	0.00

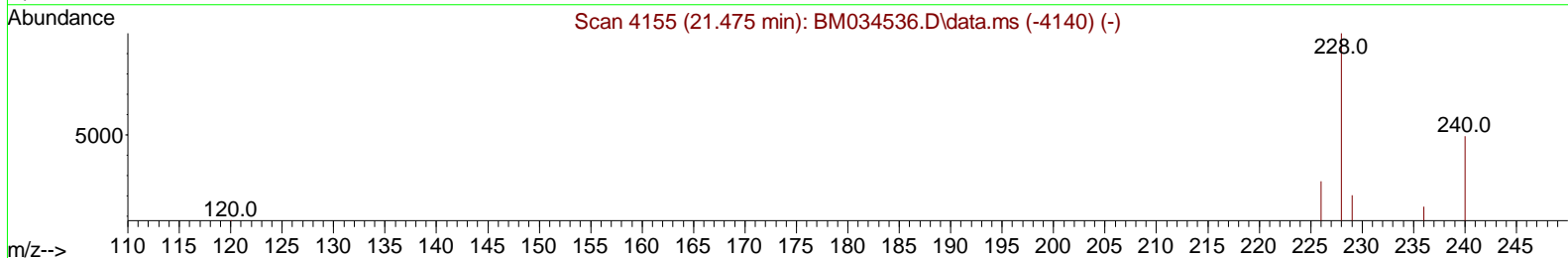
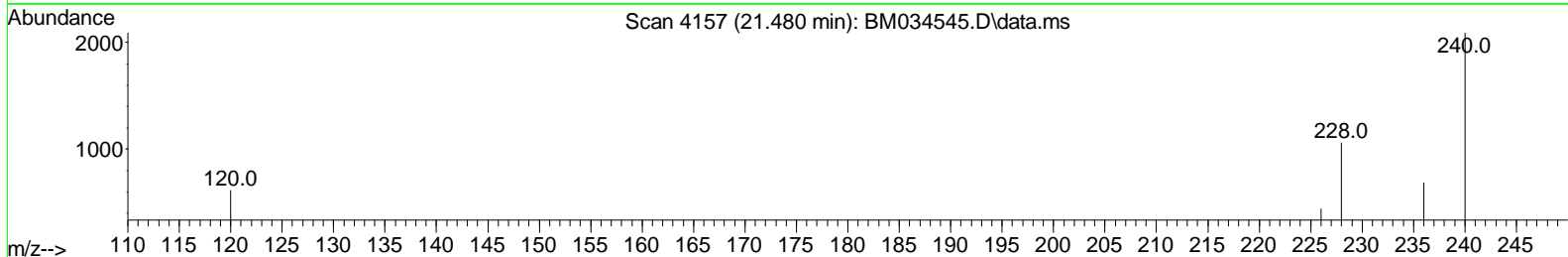
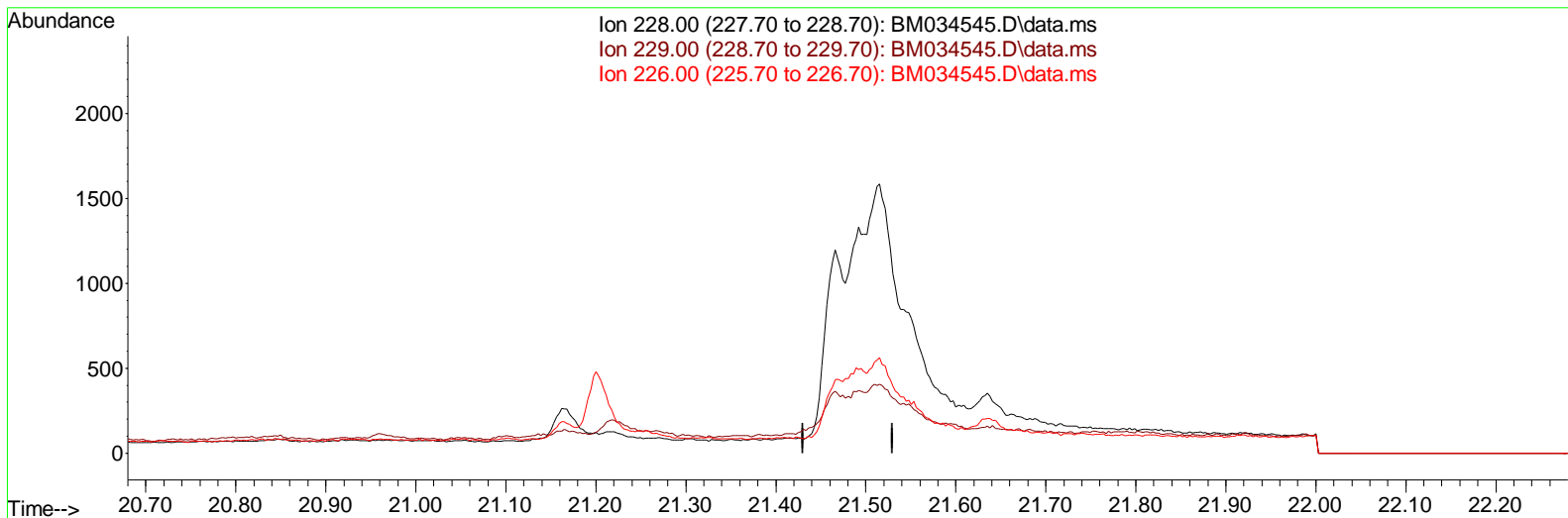
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040722\
 Data File : BM034545.D
 Acq On : 07 Apr 2022 14:16
 Operator : CG/JU
 Sample : N2182-15
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Manual Integrations APPROVED

Quant Time: Apr 08 04:57:57 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 07 12:11:55 2022
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TIC: BM034545.D\data.ms

(21) Benzo(a)anthracene

21.480min (-21.480) 0.00 ng/ul

response 0

Ion	Exp%	Act%
228.00	100.00	0.00
229.00	21.60	0.00#
226.00	29.00	0.00#
0.00	0.00	0.00

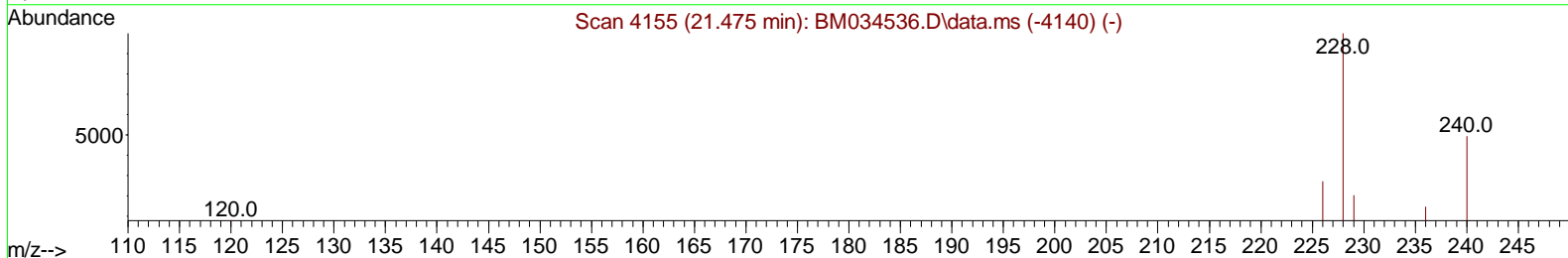
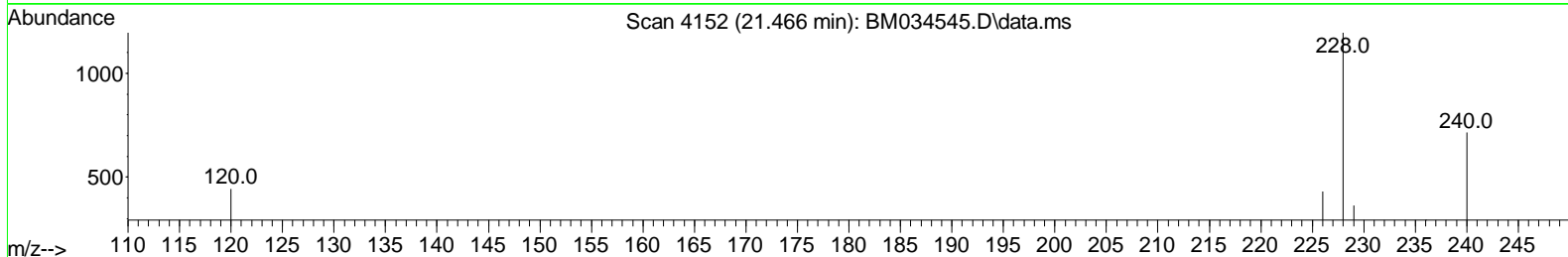
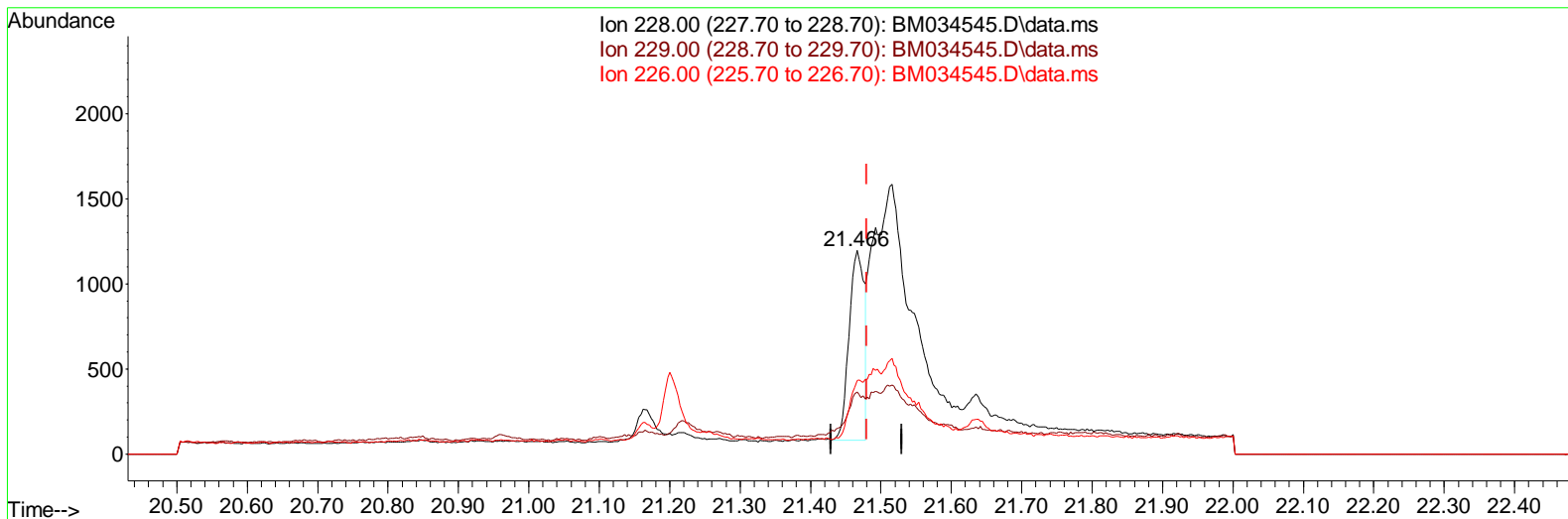
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040722\
 Data File : BM034545.D
 Acq On : 07 Apr 2022 14:16
 Operator : CG/JU
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 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
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TIC: BM034545.D\data.ms

(21) Benzo(a)anthracene

21.466min (-0.014) 0.12 ng/ul m

response 1650

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	21.60	30.35#
226.00	29.00	36.12#
0.00	0.00	0.00

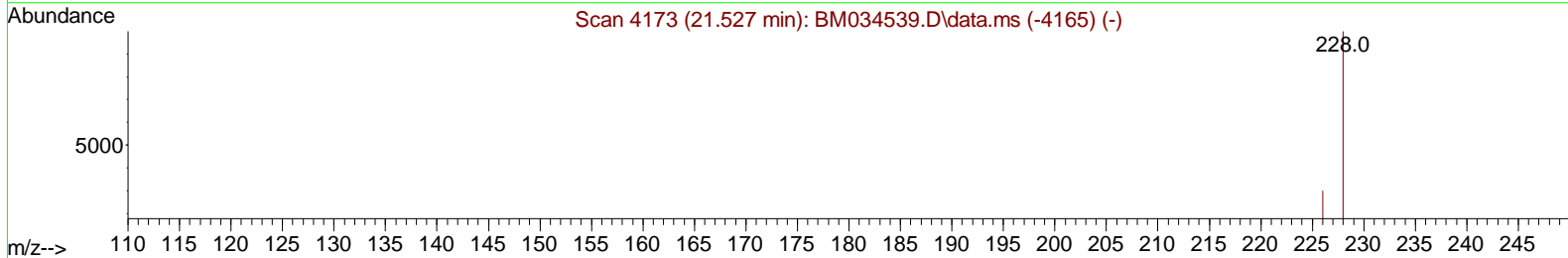
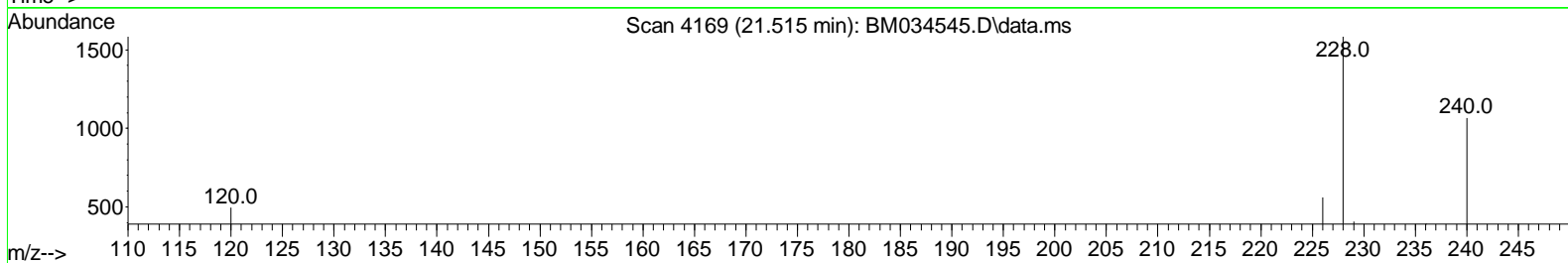
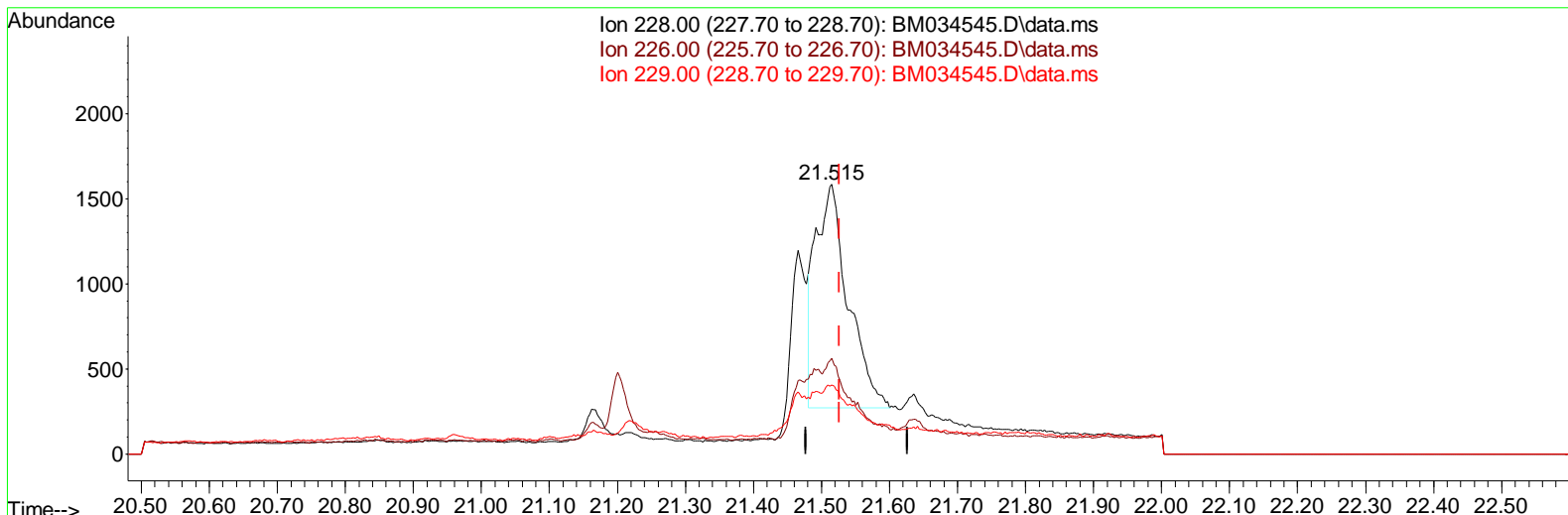
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BMO40722\
 Data File : BMO34545.D
 Acq On : 07 Apr 2022 14:16
 Operator : CG/JU
 Sample : N2182-15
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 04/11/2022
 Supervised By :mohammad ahmed 04/11/2022

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 QLast Update : Thu Apr 07 12:11:55 2022
 Response via : Initial Calibrati on



TIC: BMO34545.D\data.ms

(22) Chrysene

21.515min (-0.012) 0.28 ng/ul

response 4401

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	32.30	35.48
229.00	20.90	25.63#
0.00	0.00	0.00

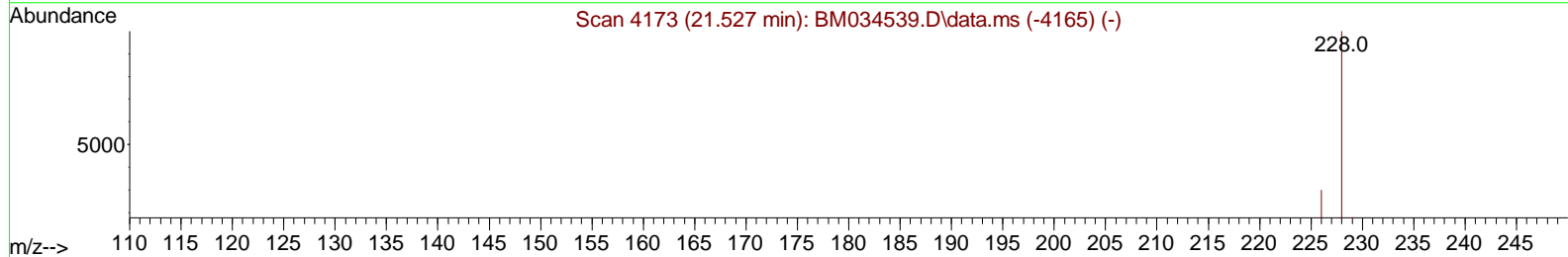
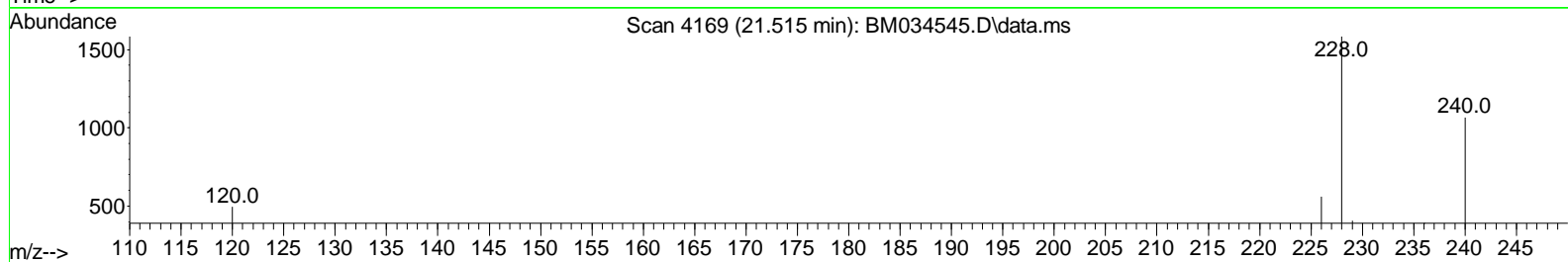
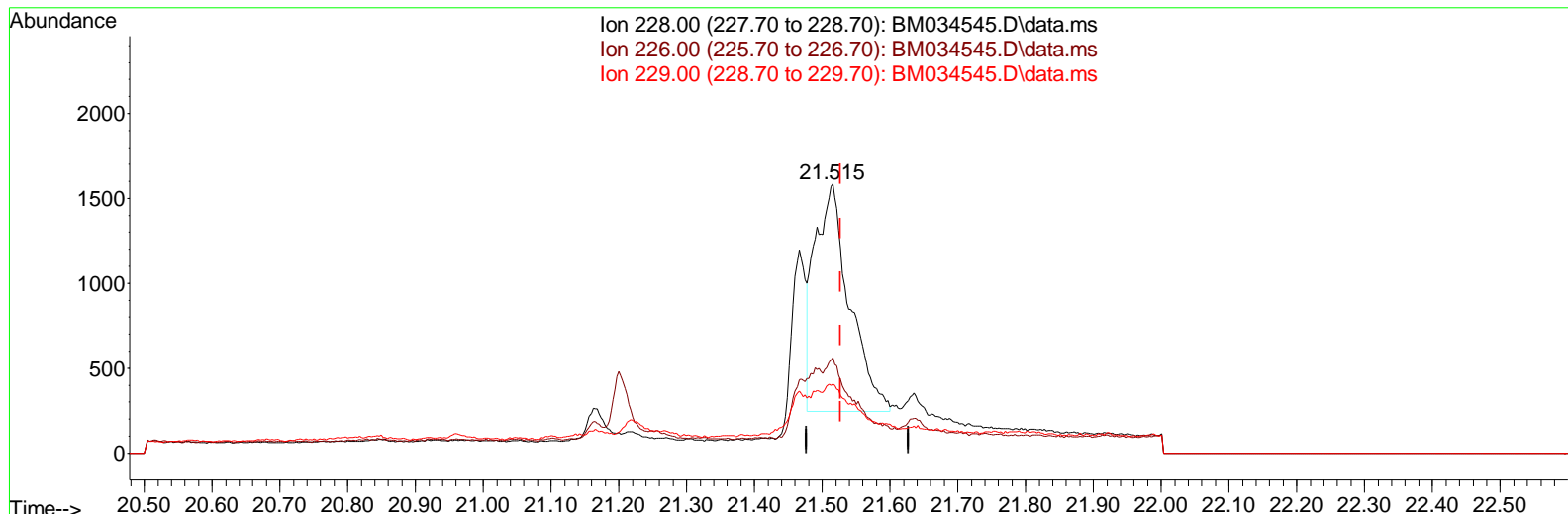
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040722\
 Data File : BM034545.D
 Acq On : 07 Apr 2022 14:16
 Operator : CG/JU
 Sample : N2182-15
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations APPROVED

Quant Time: Apr 08 04:57:57 2022
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 QLast Update : Thu Apr 07 12:11:55 2022
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TIC: BM034545.D\data.ms

(22) Chrysene

21.515min (-0.012) 0.30 ng/ul m

response 4730

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	32.30	35.48
229.00	20.90	25.63#
0.00	0.00	0.00

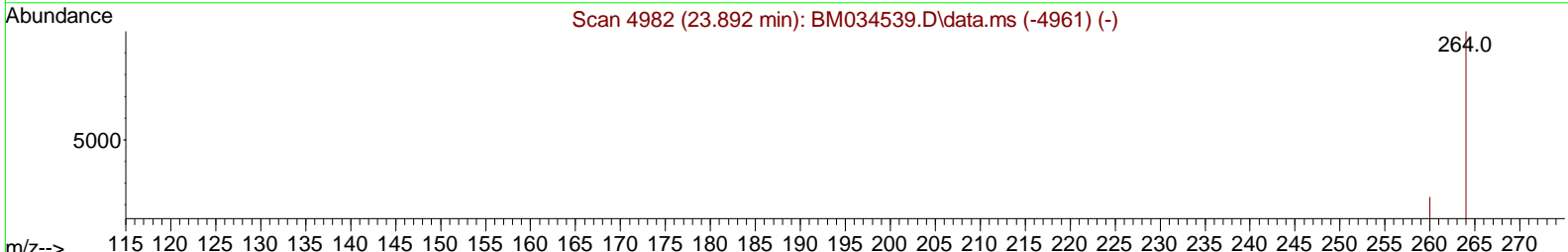
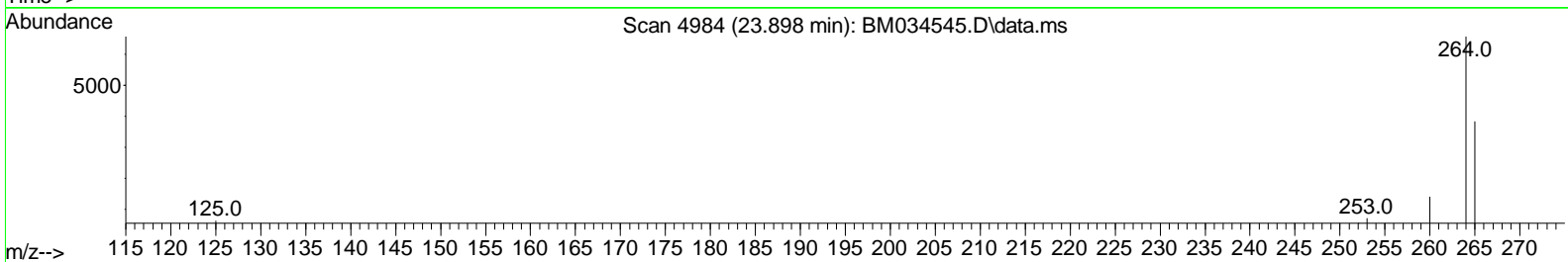
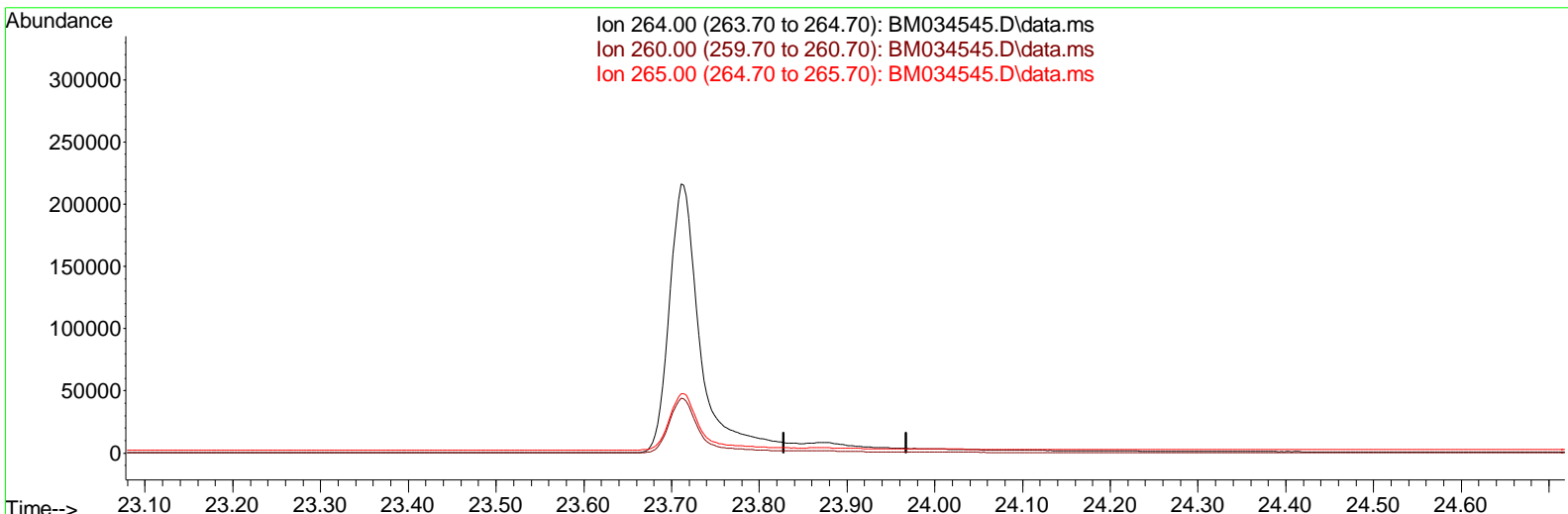
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040722\
 Data File : BM034545.D
 Acq On : 07 Apr 2022 14:16
 Operator : CG/JU
 Sample : N2182-15
 Misc :
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Instrument :
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Manual Integrations APPROVED

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TIC: BM034545.D\data.ms

(23) Perylene-d12 (I)

23.898min (-23.898) 0.00 ng/ul

response 0

Ion	Exp%	Act%
264.00	100.00	0.00
260.00	27.80	0.00#
265.00	95.30	0.00#
0.00	0.00	0.00

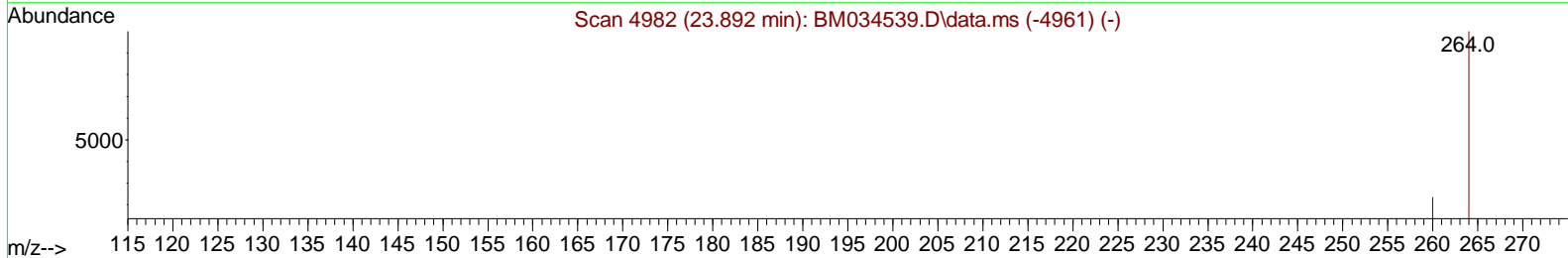
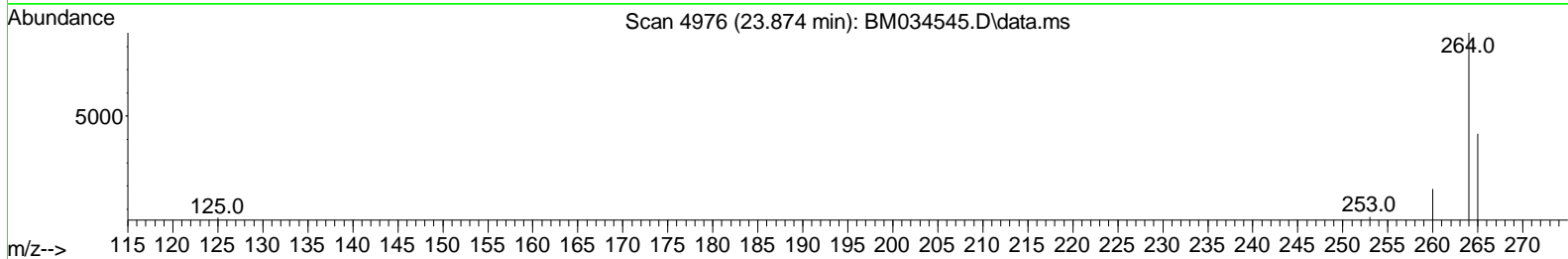
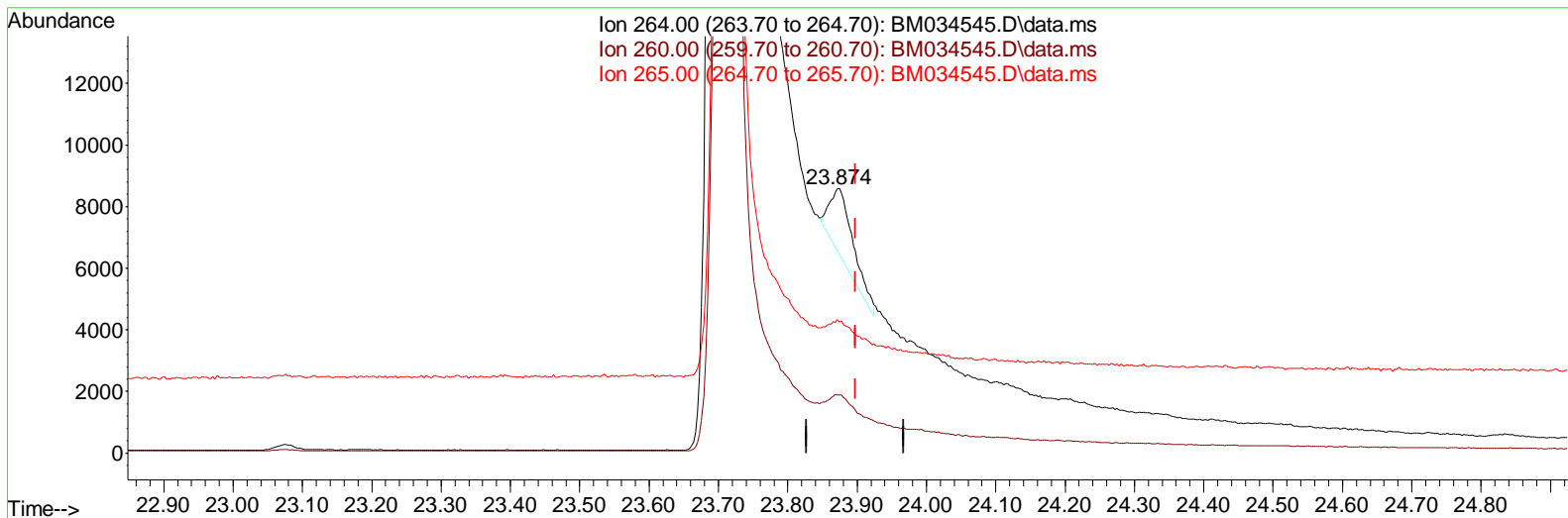
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040722\
 Data File : BM034545.D
 Acq On : 07 Apr 2022 14:16
 Operator : CG/JU
 Sample : N2182-15
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0R23

Manual Integrations APPROVED

Quant Time: Apr 08 04:57:57 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Supervised By : mohammad ahmed 04/11/2022



TIC: BM034545.D\data.ms

(23) Perylene-d12 (I)

23.874min (-0.024) 0.40 ng/ul m

response 4794

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.80	21.85#
265.00	95.30	49.54#
0.00	0.00	0.00

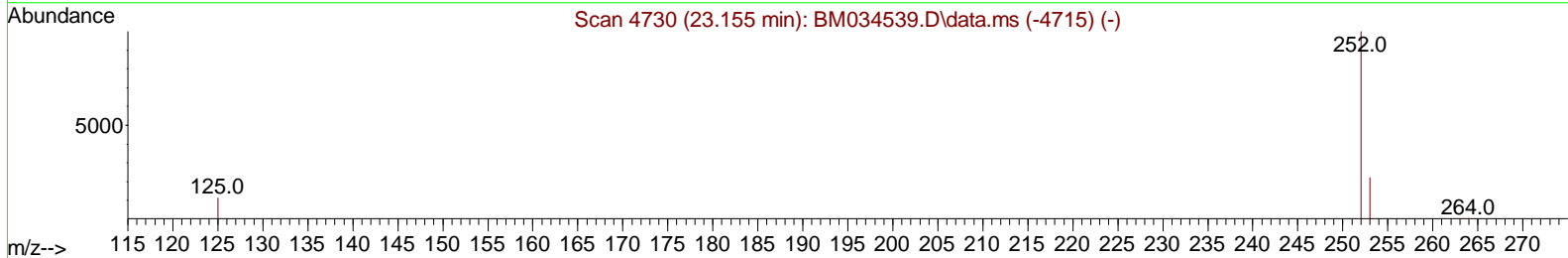
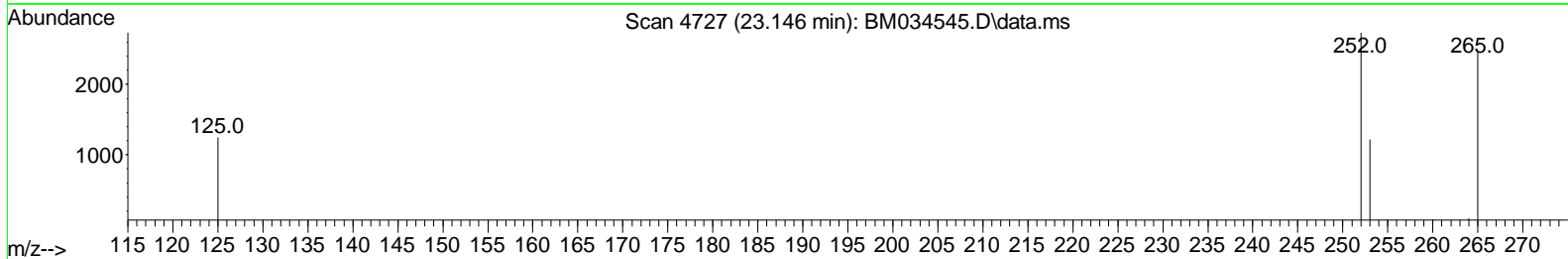
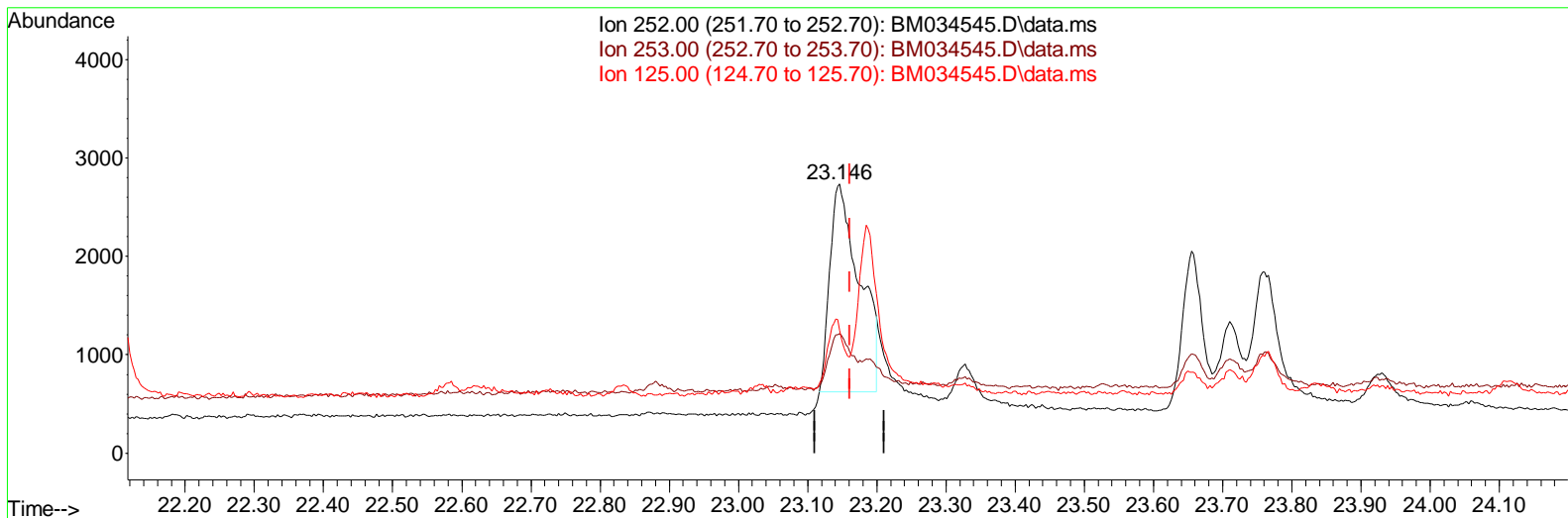
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BMO40722\
 Data File : BMO34545.D
 Acq On : 07 Apr 2022 14:16
 Operator : CG/JU
 Sample : N2182-15
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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TIC: BM034545.D\data.ms

(24) Benzo(b)fluoranthene

23.146min (-0.015) 0.40 ng/ul

response	6254		
Ion	Exp%	Act%	
252.00	100.00	100.00	
253.00	32.10	44.51	
125.00	14.40	45.54#	
0.00	0.00	0.00	

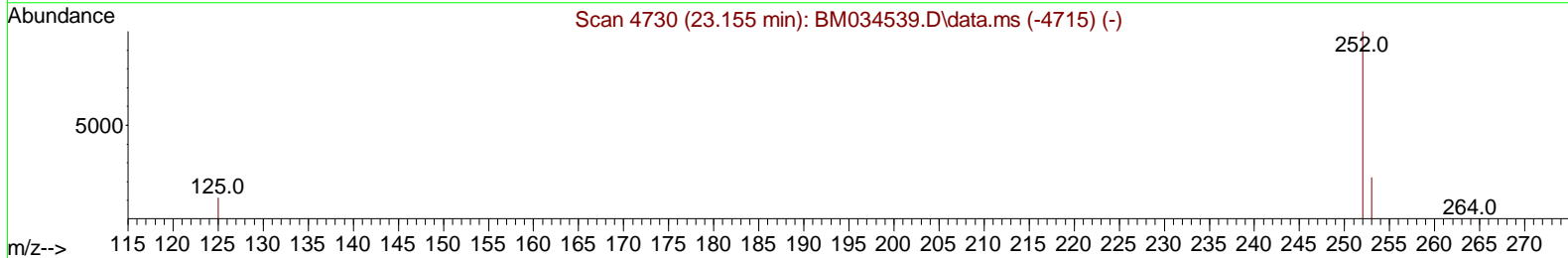
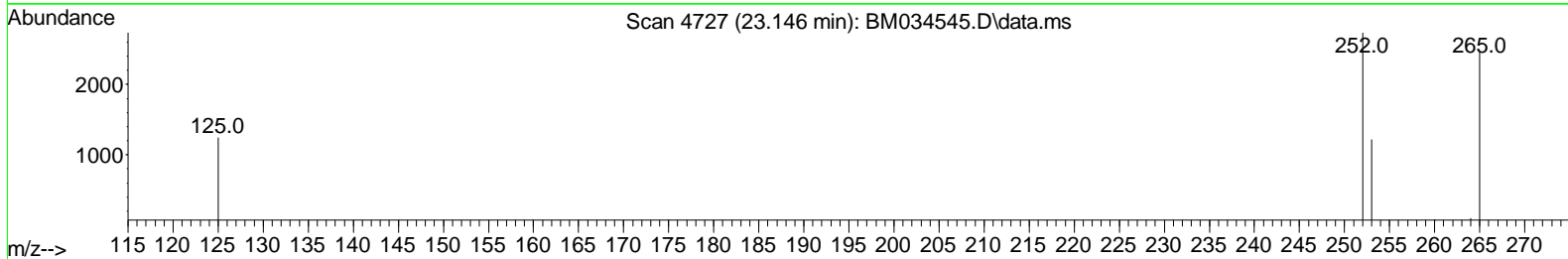
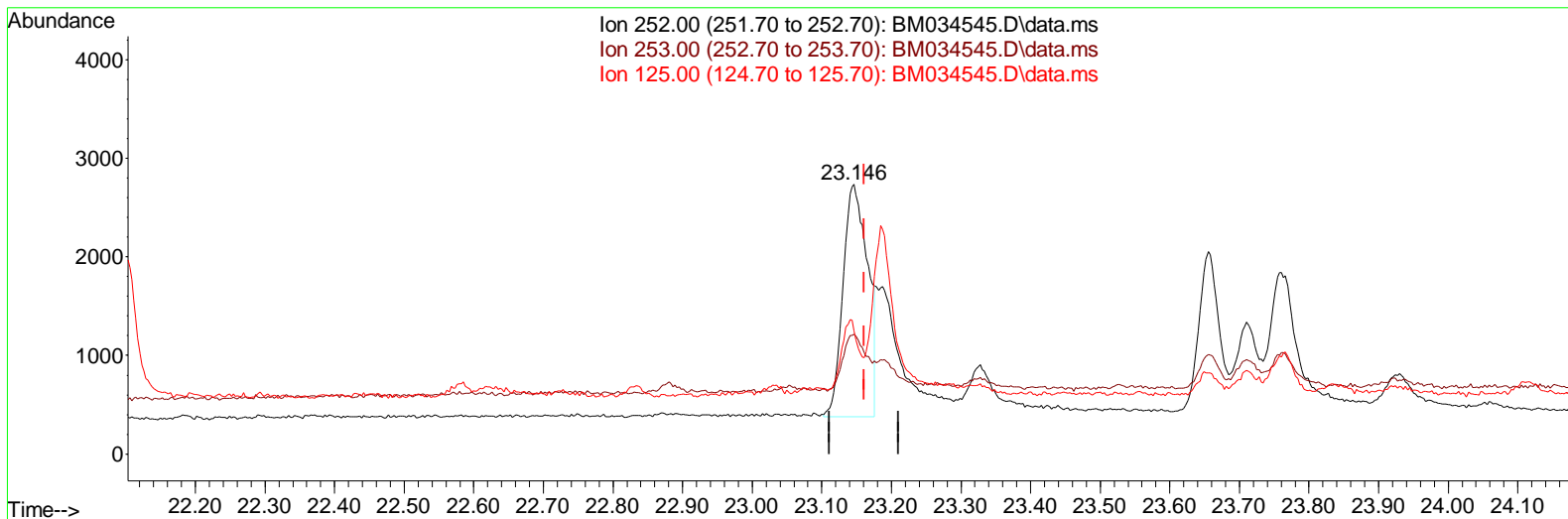
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BMO40722\
 Data File : BMO34545.D
 Acq On : 07 Apr 2022 14:16
 Operator : CG/JU
 Sample : N2182-15
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
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TIC: BM034545.D\data.ms

(24) Benzo(b)fluoranthene

23.146min (-0.015) 0.37 ng/ul m

response	5835
Ion	Exp% Act%
252.00	100.00 100.00
253.00	32.10 44.51
125.00	14.40 45.54#
0.00	0.00 0.00

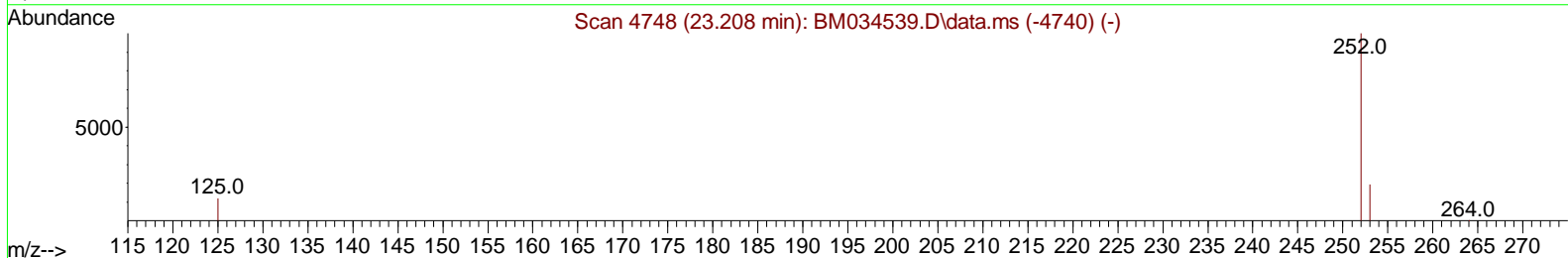
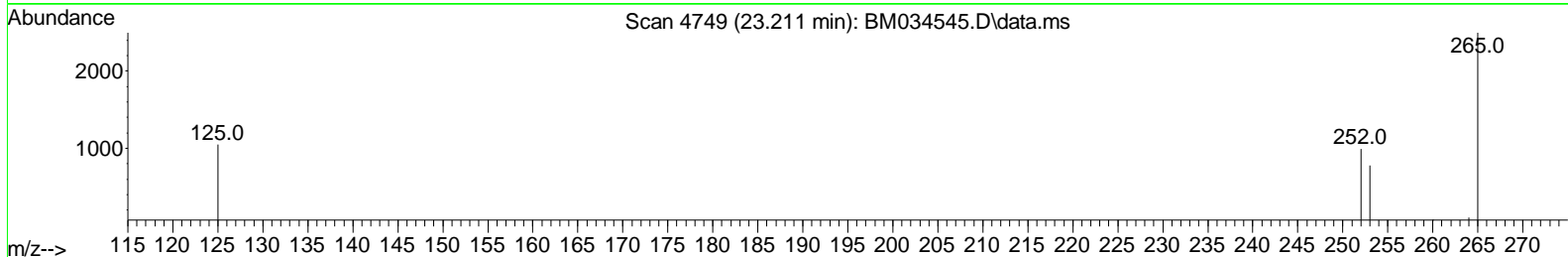
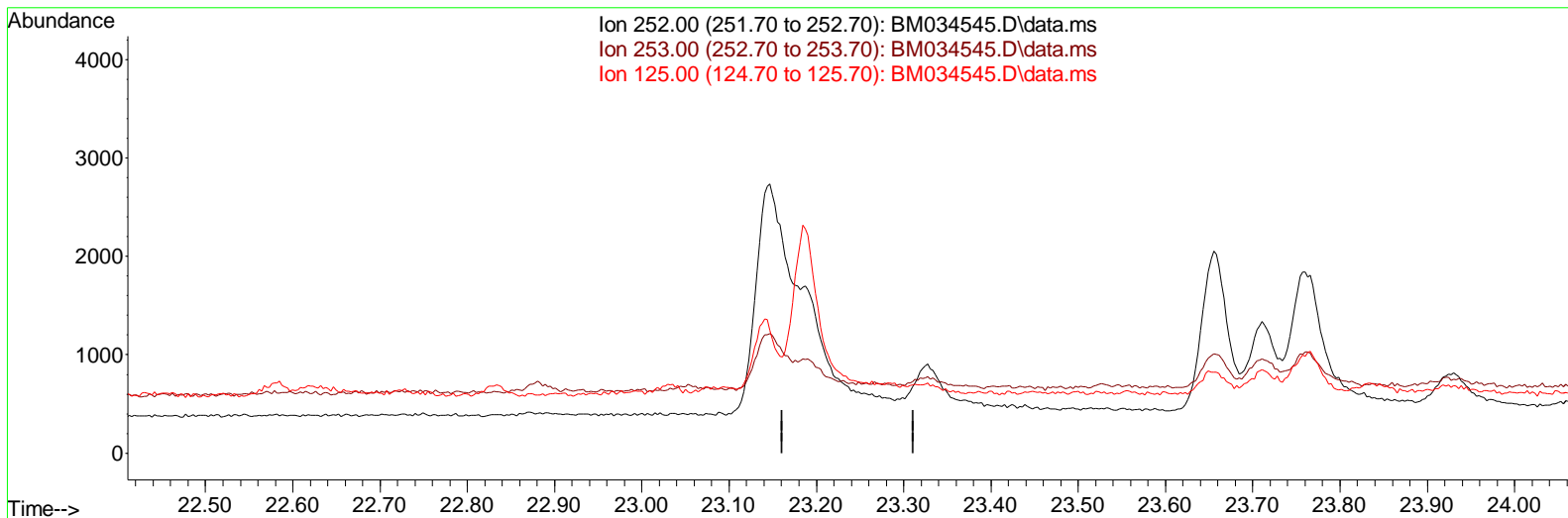
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BMO40722\
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TIC: BM034545.D\data.ms

(25) Benzo(k)fluoranthene

23.211min (-23.211) 0.00 ng/ul

response	0	
Ion	Exp%	Act%
252.00	100.00	0.00
253.00	33.50	0.00#
125.00	15.00	0.00#
0.00	0.00	0.00

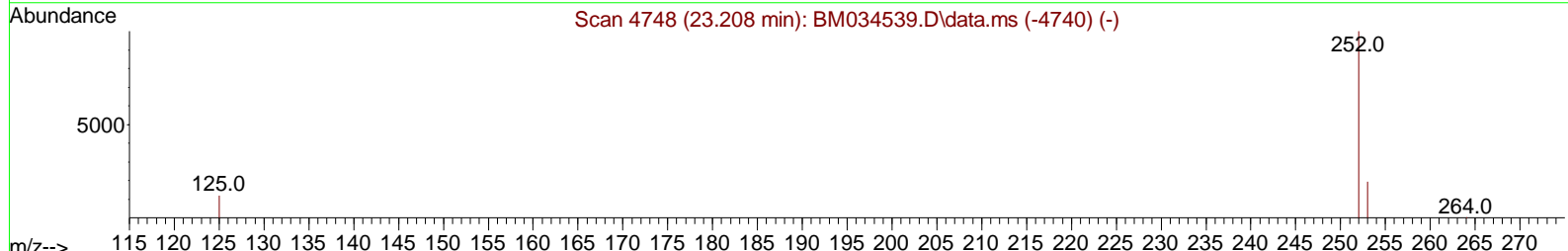
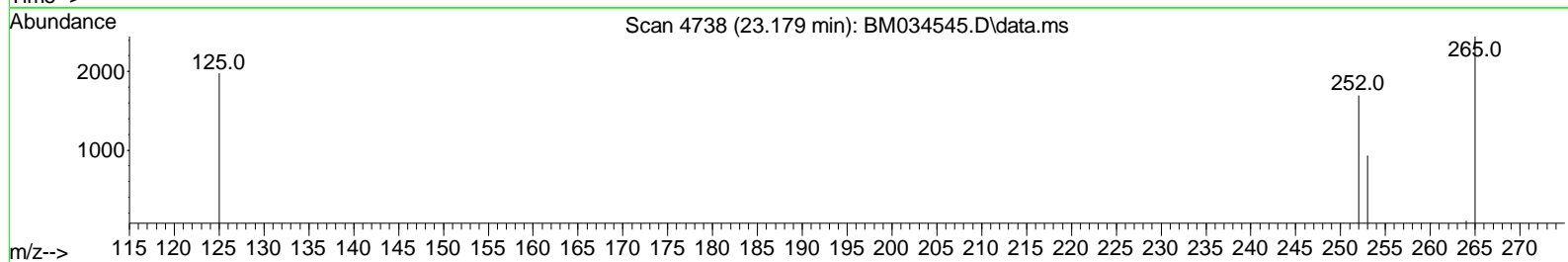
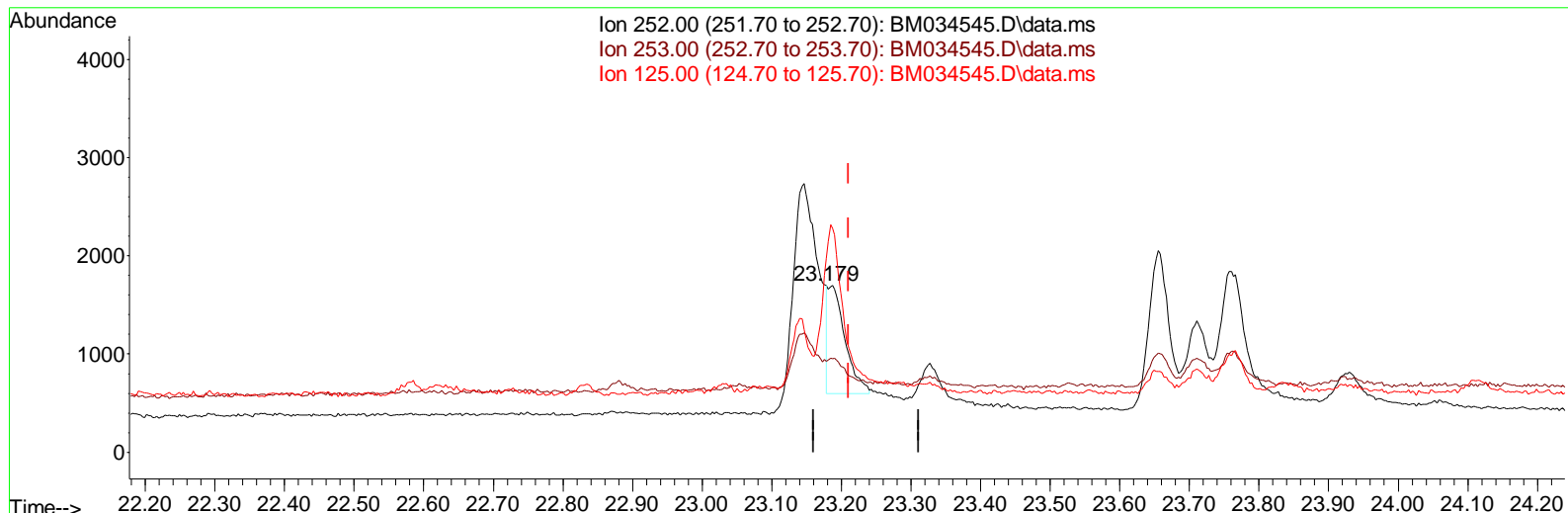
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BMO40722\
 Data File : BMO34545.D
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TIC: BMO34545.D\data.ms

(25) Benzo(k)fluoranthene

23.179min (-0.032) 0.13 ng/ul m

response	1874		
Ion	Exp%	Act%	
252.00	100.00	100.00	
253.00	33.50	54.65#	
125.00	15.00	116.35#	
0.00	0.00	0.00	

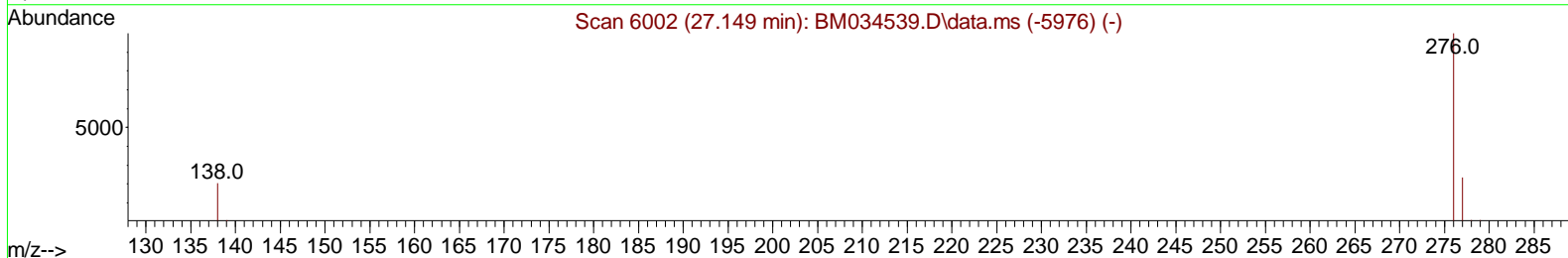
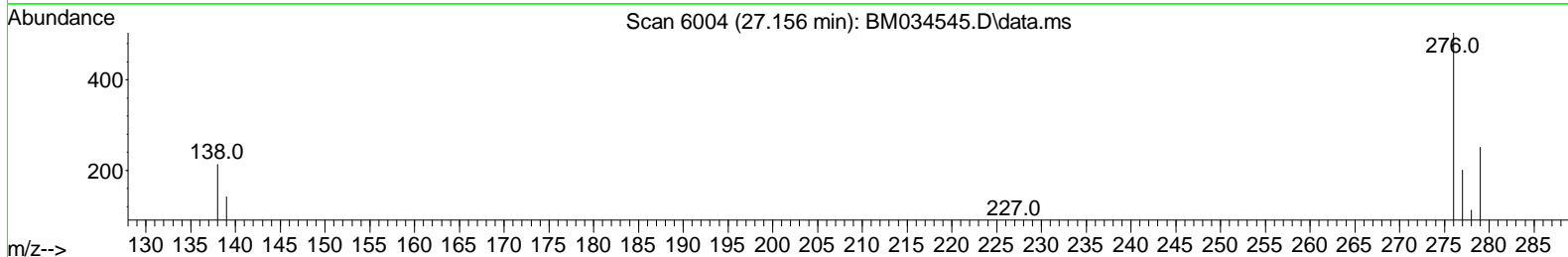
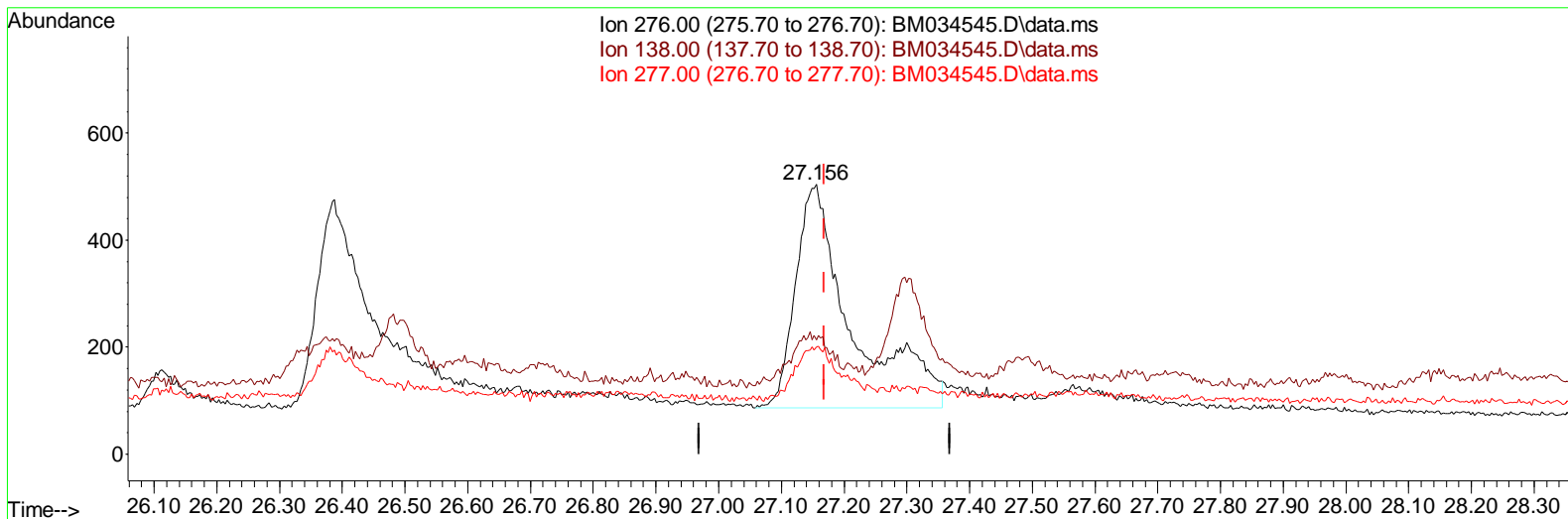
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BMO40722\
 Data File : BMO34545.D
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 Operator : CG/JU
 Sample : N2182-15
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
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TIC: BMO34545.D\data.ms

(29) Benzo(g,h,i)perylene

27.156min (-0.013) 0.11 ng/ul

response	2581	
Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.70	42.46#
277.00	28.20	39.88#
0.00	0.00	0.00

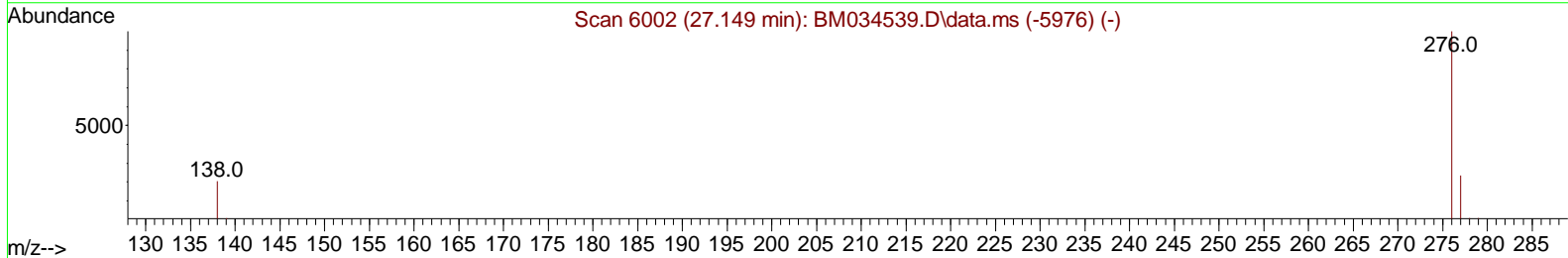
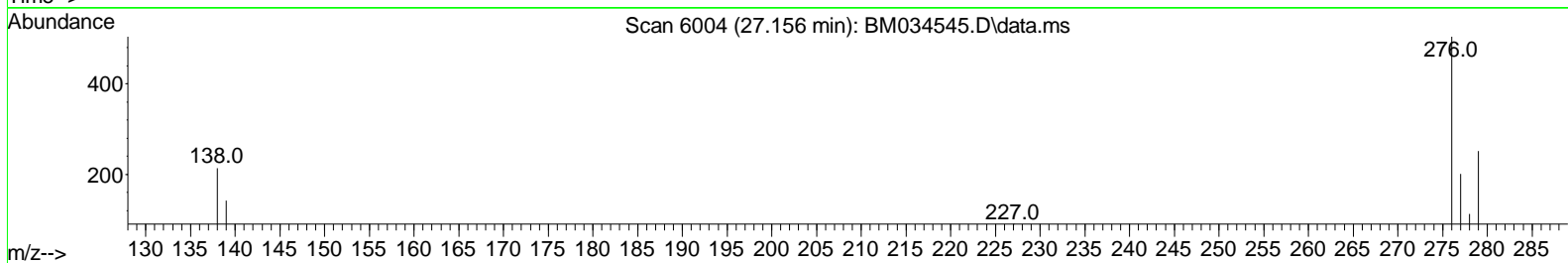
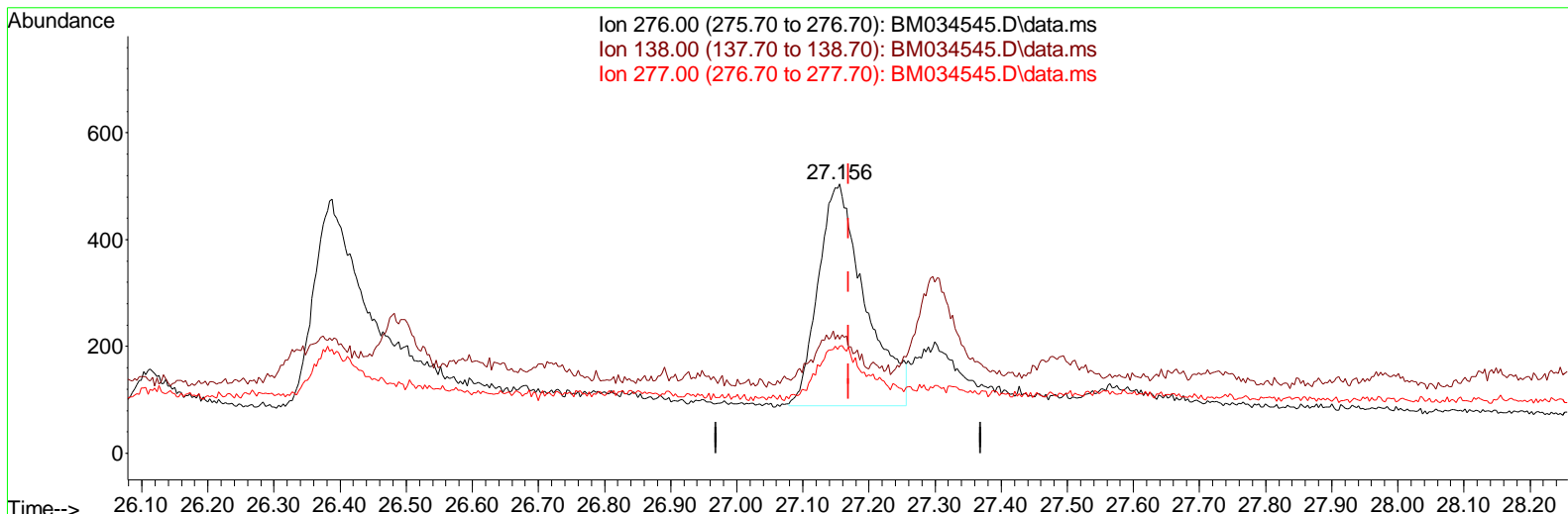
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BMO40722\
 Data File : BMO34545.D
 Acq On : 07 Apr 2022 14:16
 Operator : CG/JU
 Sample : N2182-15
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0R23

Manual Integrations APPROVED

Quant Time: Apr 08 04:57:57 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BMO40422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 07 12:11:55 2022
 Response via : Initial Calibration

Reviewed By : Jagrut Upadhyay 04/11/2022
 Supervised By : mohammad ahmed 04/11/2022



TIC: BMO34545.D\data.ms

(29) Benzo(g,h,i)perylene

27.156min (-0.013) 0.09 ng/ul m

response	2035	
Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.70	42.46#
277.00	28.20	39.88#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BMO40722\
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Compound	R.T.	QI on	Response	Conc	Units	Dev(Min)	
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.912	152	2936	0.400	ng/ul	-0.02	
4) Naphthalene-d8	10.719	136	7949	0.400	ng/ul	#-0.02	
9) Acenaphthene-d10	14.550	164	4142	0.400	ng/ul	-0.01	
13) Phenanthrene-d10	17.291	188	7674	0.400	ng/ul	-0.02	
17) Chrysene-d12	21.483	240	6130	0.400	ng/ul	#-0.01	
23) Perylene-d12	23.874	264	4794m	0.400	ng/ul	-0.02	
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.292	96	16788	3.414	ng/ul	0.00	
6) 2-Methylnaphthalene-d10	12.324	152	2920	0.280	ng/ul	-0.01	
18) Fluoranthene-d10	19.320	212	6421	0.357	ng/ul	-0.01	
Target Compounds							
							Qvalue
5) Naphthalene	10.768	128	2545	0.102	ng/ul		97
7) 2-Methylnaphthalene	12.396	142	1365	0.101	ng/ul		99
8) 1-Methylnaphthalene	12.610	142	1047	0.077	ng/ul		98
10) Acenaphthylene	14.273	152	942	0.049	ng/ul #		90
15) Phenanthrene	17.333	178	3273	0.131	ng/ul		99
16) Anthracene	17.426	178	1058	0.056	ng/ul #		79
19) Fluoranthene	19.352	202	7337	0.285	ng/ul		95
20) Pyrene	19.710	202	7123m	0.237	ng/ul		
21) Benzo(a)anthracene	21.466	228	1650m	0.124	ng/ul		
22) Chrysene	21.515	228	4730m	0.300	ng/ul		
24) Benzo(b)fluoranthene	23.146	252	5835m	0.372	ng/ul		
25) Benzo(k)fluoranthene	23.179	252	1874m	0.134	ng/ul		
26) Benzo(a)pyrene	23.760	252	3318	0.181	ng/ul #		58
27) Indeno(1,2,3-cd)pyrene	26.388	276	2566	0.116	ng/ul #		83
28) Dibenz(a,h)anthracene	26.404	278	340	0.021	ng/ul #		1
29) Benzo(g,h,i)perylene	27.156	276	2035m	0.085	ng/ul		

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

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