

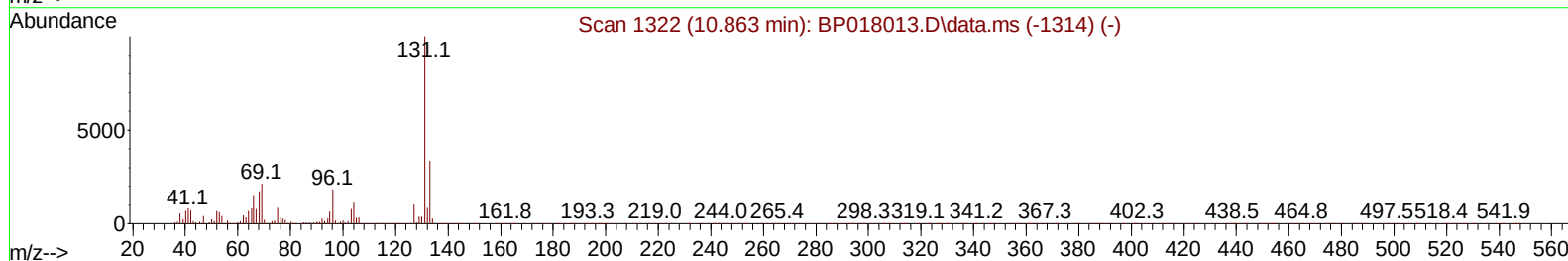
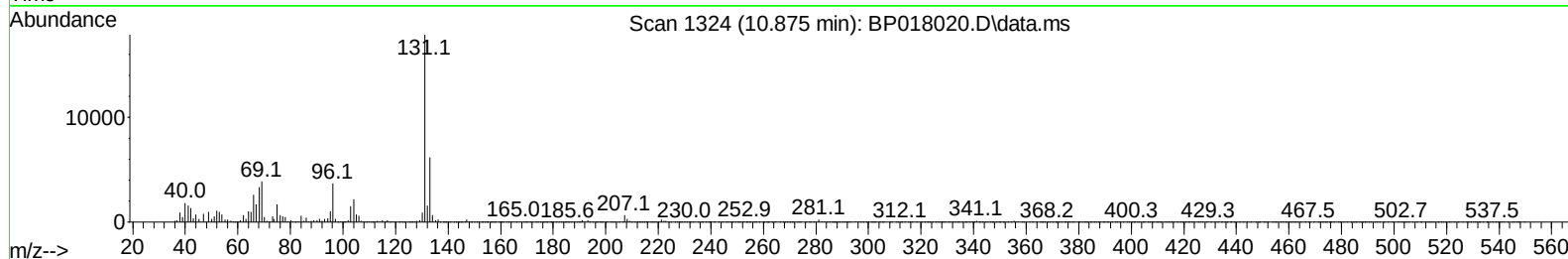
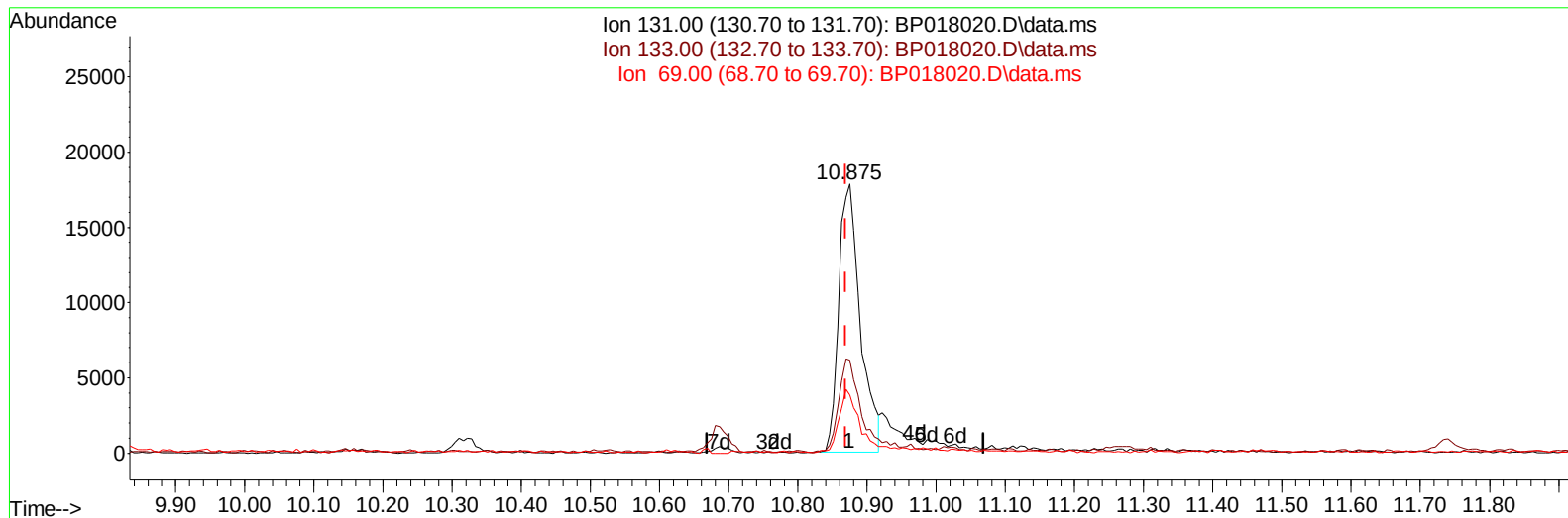
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
 Data File : BP018020.D
 Acq On : 10 Nov 2023 09:41
 Operator : MA/JU
 Sample : 05091-13
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCKJ0

Manual IntegrationsAPPROVED

Quant Time: Nov 10 22:16:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 22:34:38 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/11/2023
 Supervised By :mohammad ahmed 11/15/2023



TIC: BP018020.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.875min (+ 0.006) 4.30 ng/ul

response 38713

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	34.00	34.63
69.00	19.00	21.64
0.00	0.00	0.00

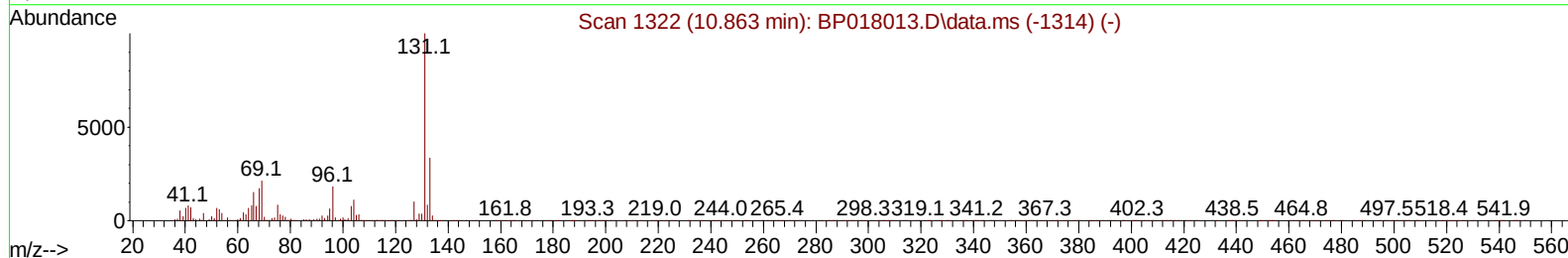
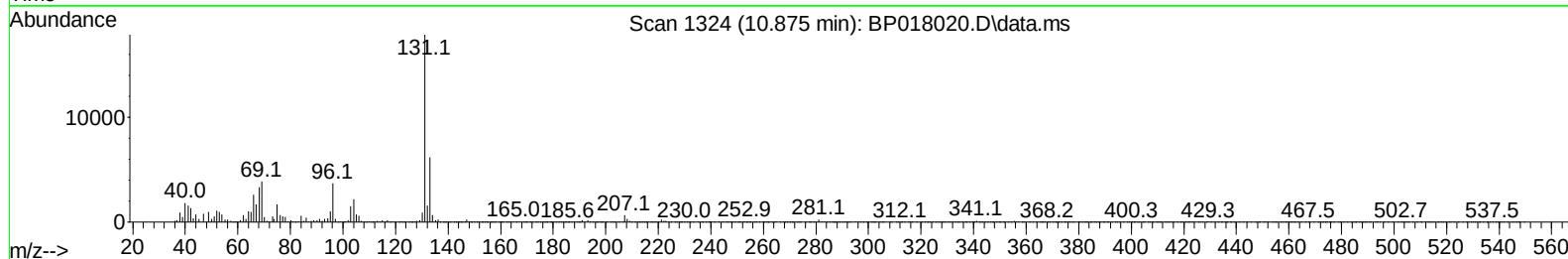
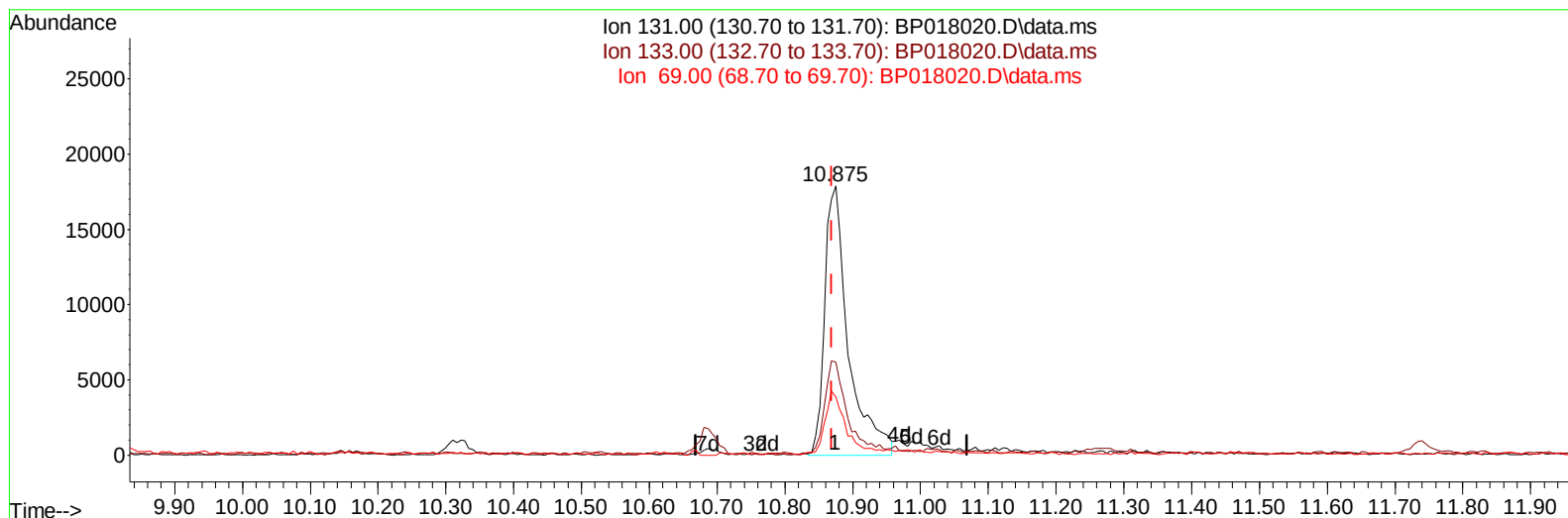
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
Data File : BP018020.D
Acq On : 10 Nov 2023 09:41
Operator : MA/JU
Sample : 05091-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Nov 10 22:16:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 09 22:34:38 2023
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Reviewed By :Yogesh Patel 11/11/2023
Supervised By :mohammad ahmed 11/15/2023



TIC: BP018020.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.875min (+ 0.006) 4.80 ng/ul m

response 43250

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	34.00	34.63
69.00	19.00	21.64
0.00	0.00	0.00

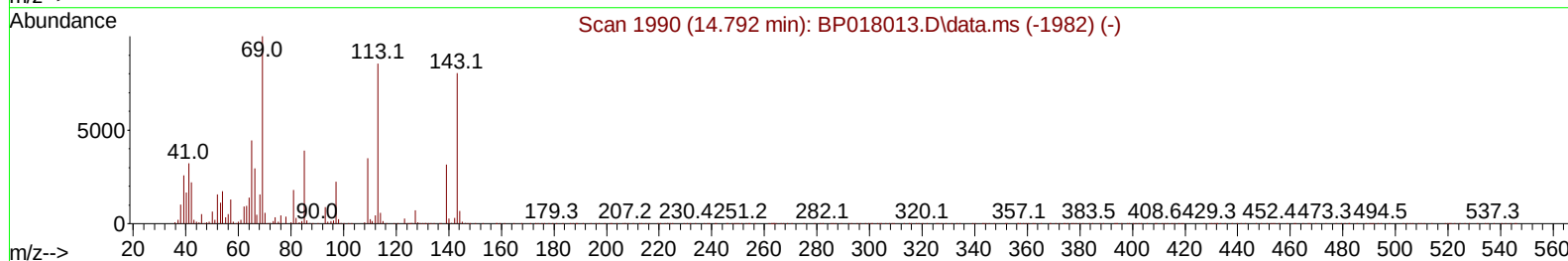
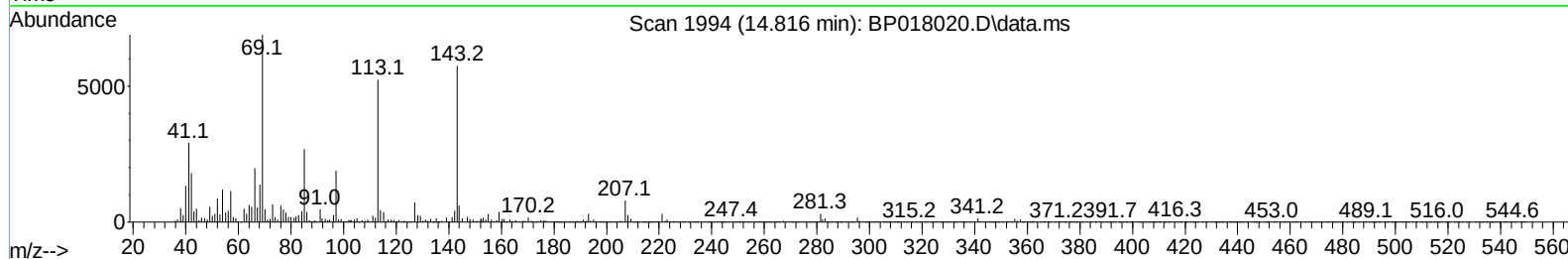
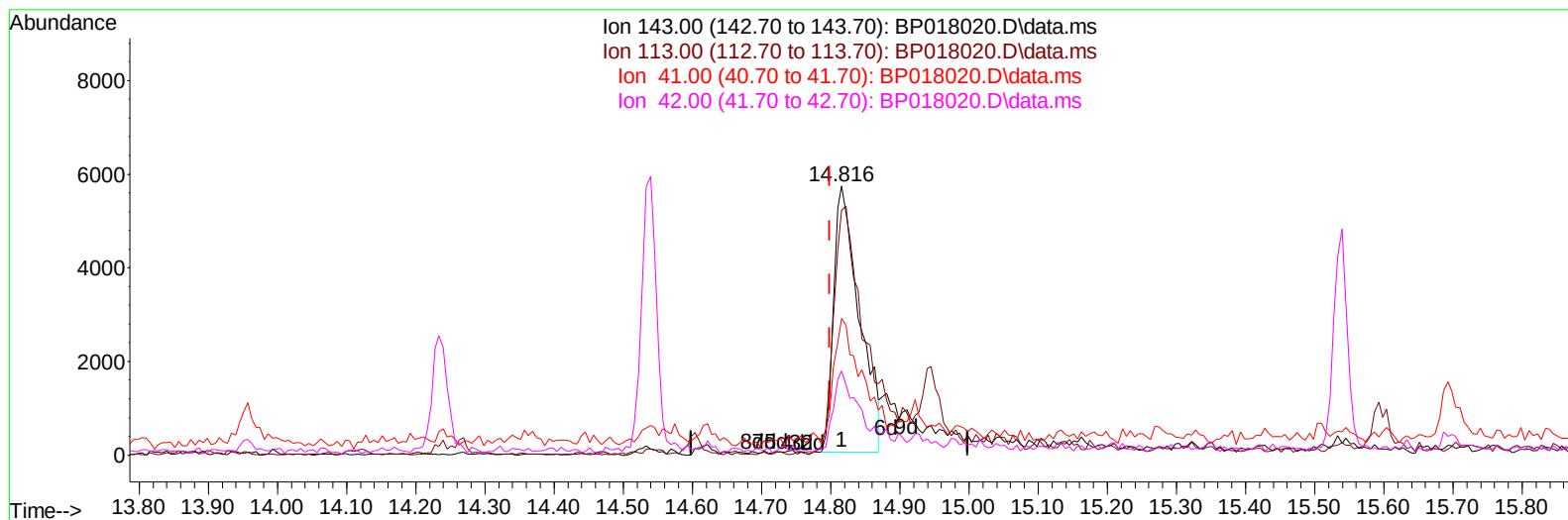
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
 Data File : BP018020.D
 Acq On : 10 Nov 2023 09:41
 Operator : MA/JU
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Instrument :
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Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 11/11/2023
 Supervised By :mohammad ahmed 11/15/2023



TIC: BP018020.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.816min (+ 0.018) 4.75 ng/ul

response 14642

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	100.40	91.07
41.00	46.90	50.91
42.00	29.70	31.21

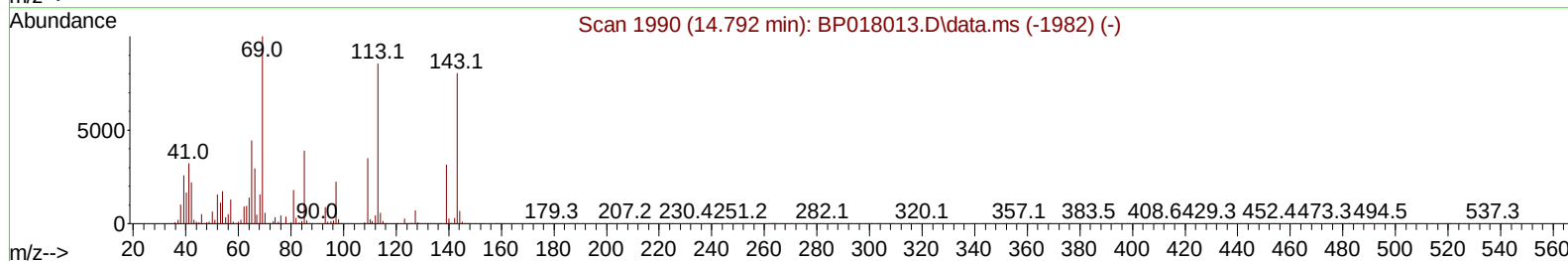
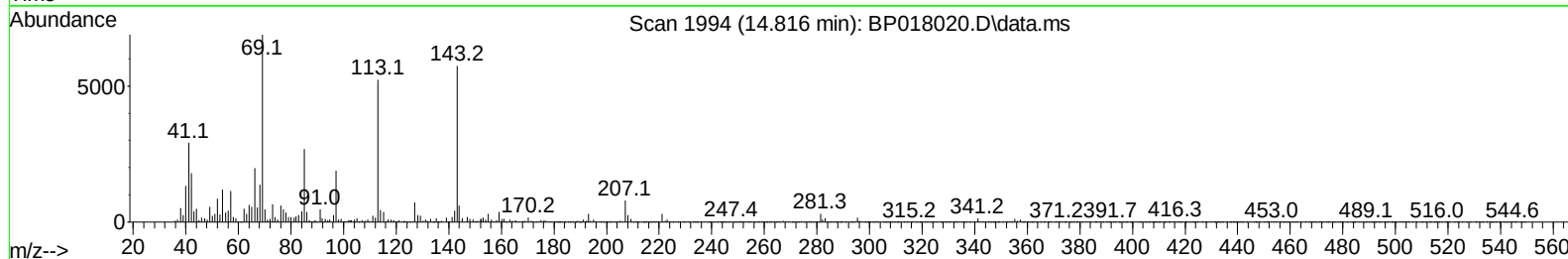
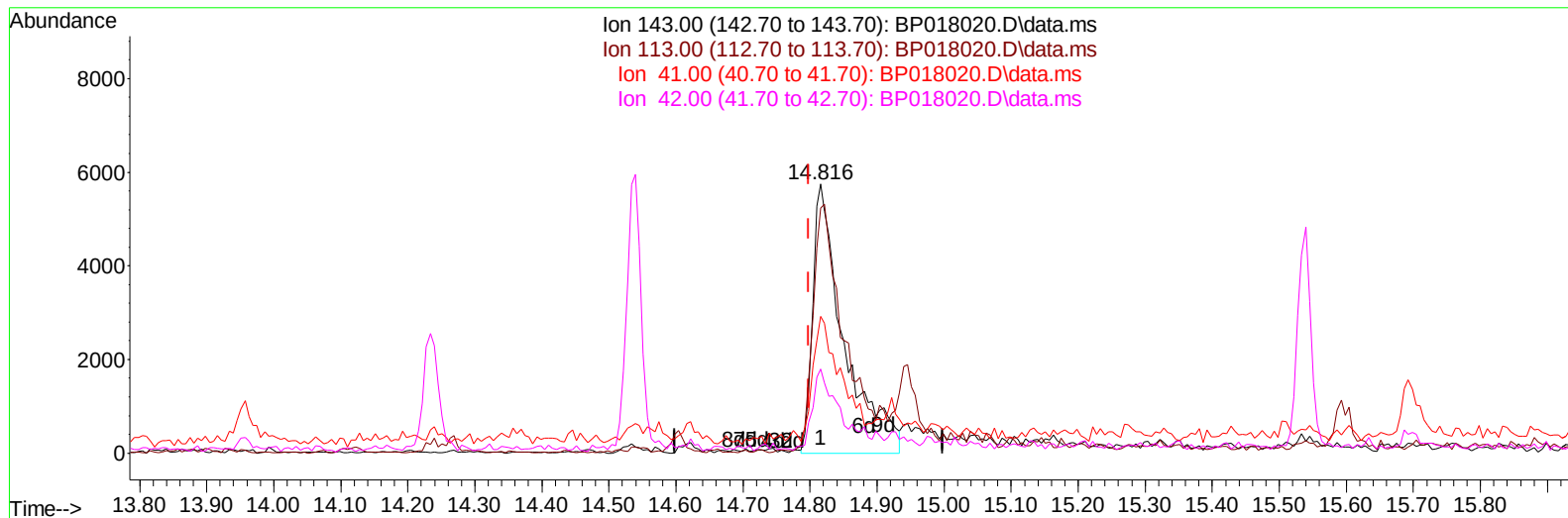
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
 Data File : BP018020.D
 Acq On : 10 Nov 2023 09:41
 Operator : MA/JU
 Sample : 05091-13
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

Quant Time: Nov 10 22:16:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 22:34:38 2023
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Reviewed By :Yogesh Patel 11/11/2023
 Supervised By :mohammad ahmed 11/15/2023



TIC: BP018020.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.816min (+ 0.018) 5.98 ng/ul m

response 18438

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	100.40	91.07
41.00	46.90	50.91
42.00	29.70	31.21

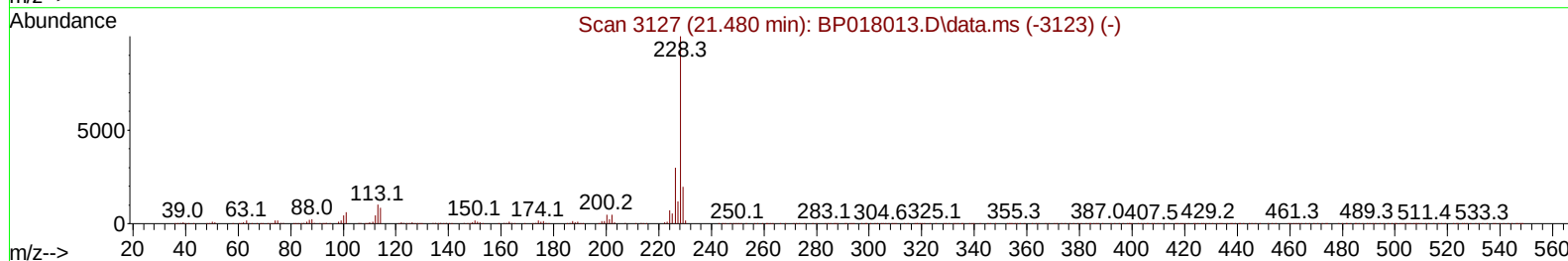
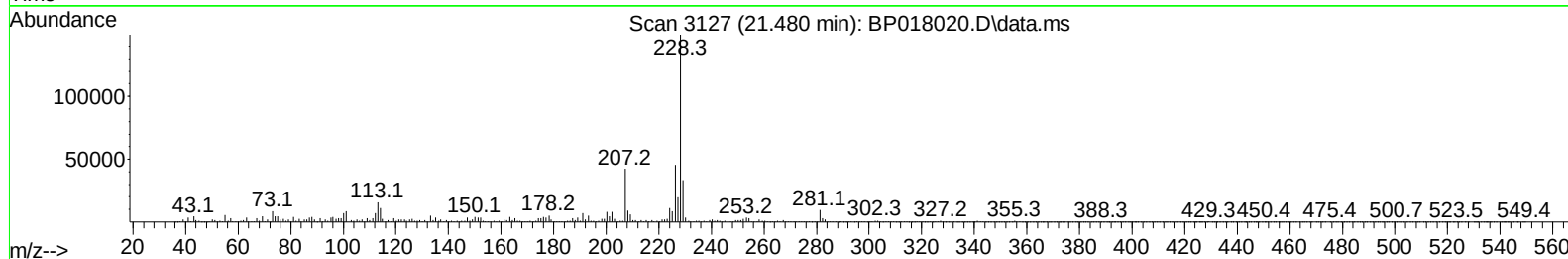
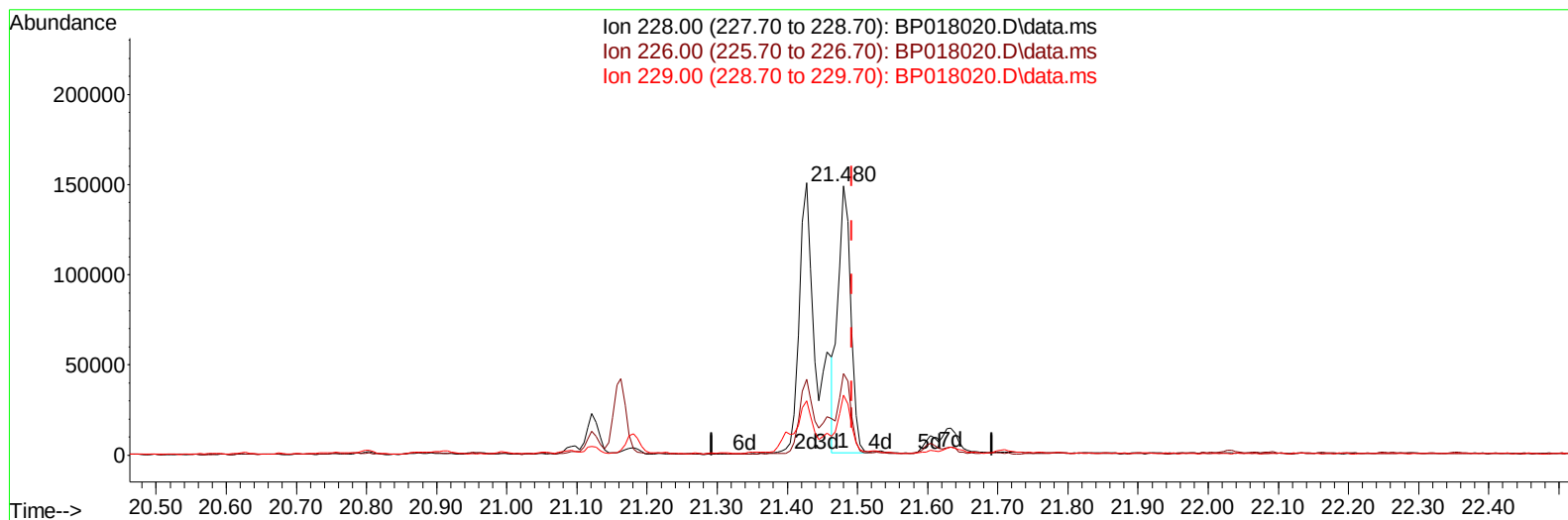
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
 Data File : BP018020.D
 Acq On : 10 Nov 2023 09:41
 Operator : MA/JU
 Sample : 05091-13
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCKJ0

Manual IntegrationsAPPROVED

Quant Time: Nov 10 22:33:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 22:34:38 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/11/2023
 Supervised By :mohammad ahmed 11/15/2023



TIC: BP018020.D\data.ms

(87) Chrysene

21.480min (-0.012) 6.16 ng/u1

response 188000

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.50	30.36
229.00	19.20	22.29
0.00	0.00	0.00

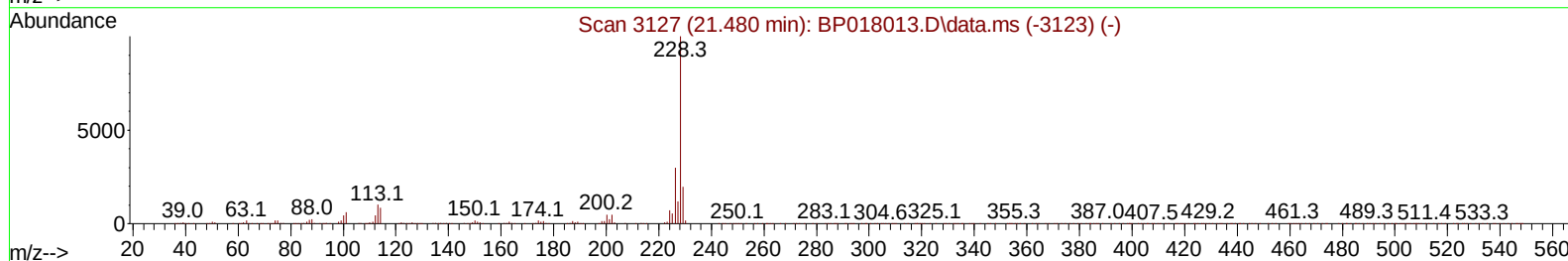
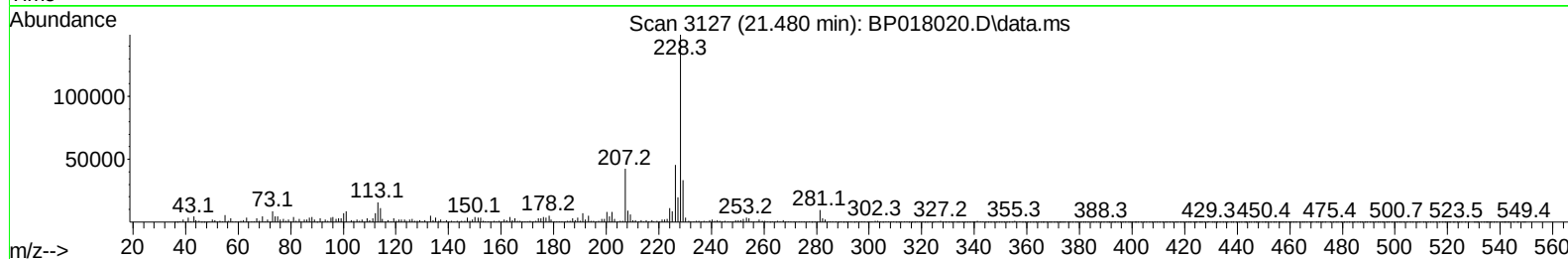
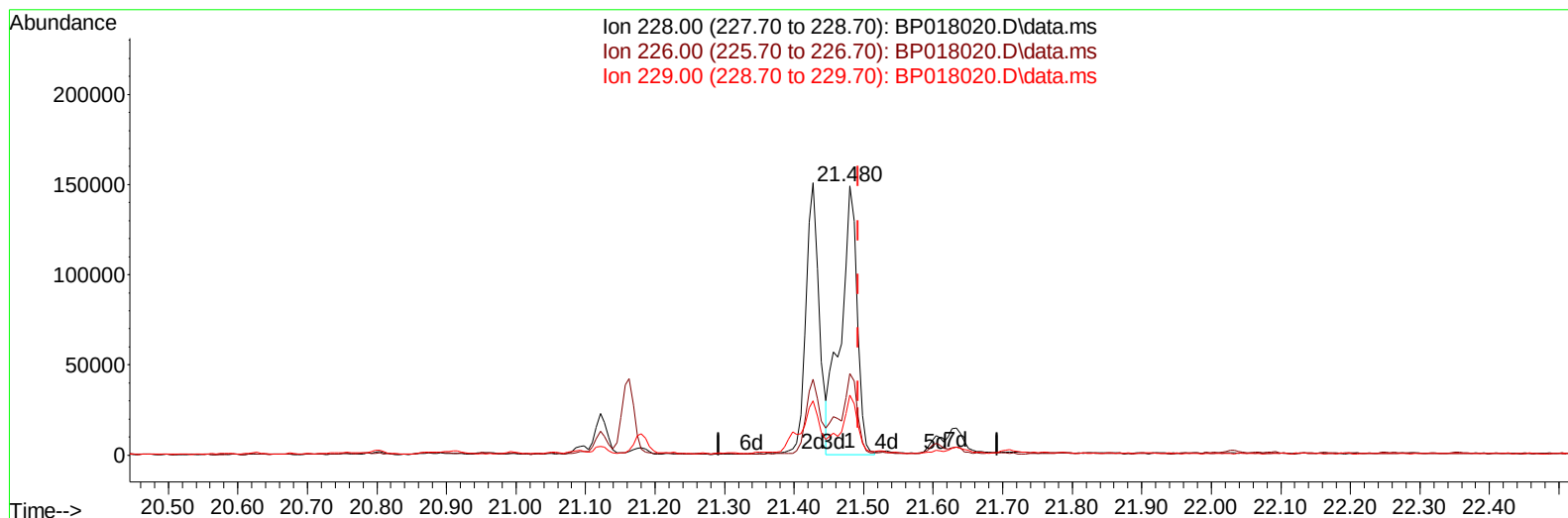
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
 Data File : BP018020.D
 Acq On : 10 Nov 2023 09:41
 Operator : MA/JU
 Sample : 05091-13
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCKJ0

Manual IntegrationsAPPROVED

Quant Time: Nov 10 22:33:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 22:34:38 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/11/2023
 Supervised By :mohammad ahmed 11/15/2023



TIC: BP018020.D\data.ms

(87) Chrysene

21.480min (-0.012) 8.09 ng/ul m

response 247048

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.50	30.36
229.00	19.20	22.29
0.00	0.00	0.00

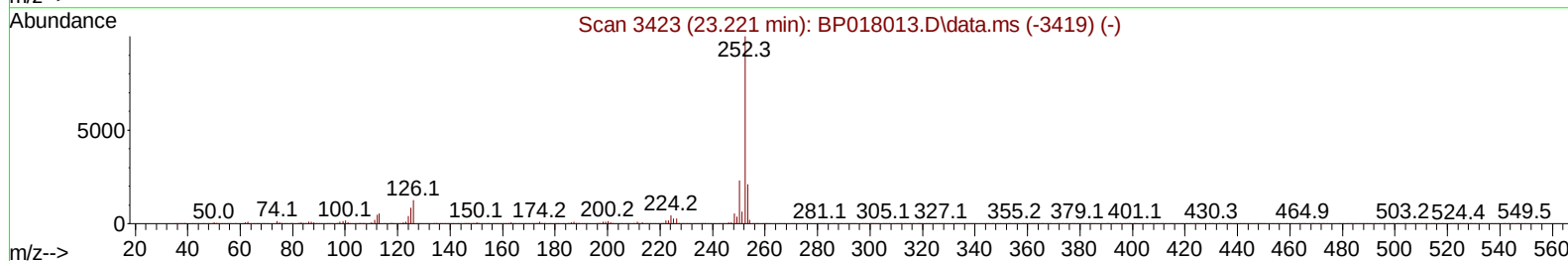
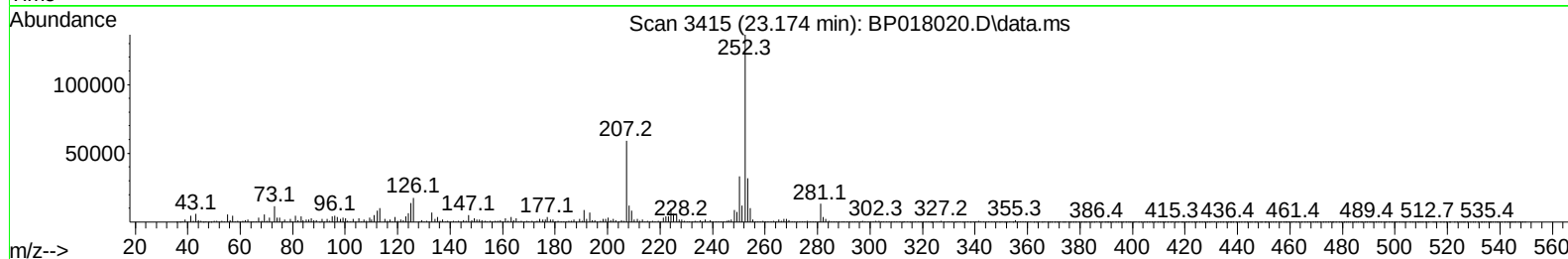
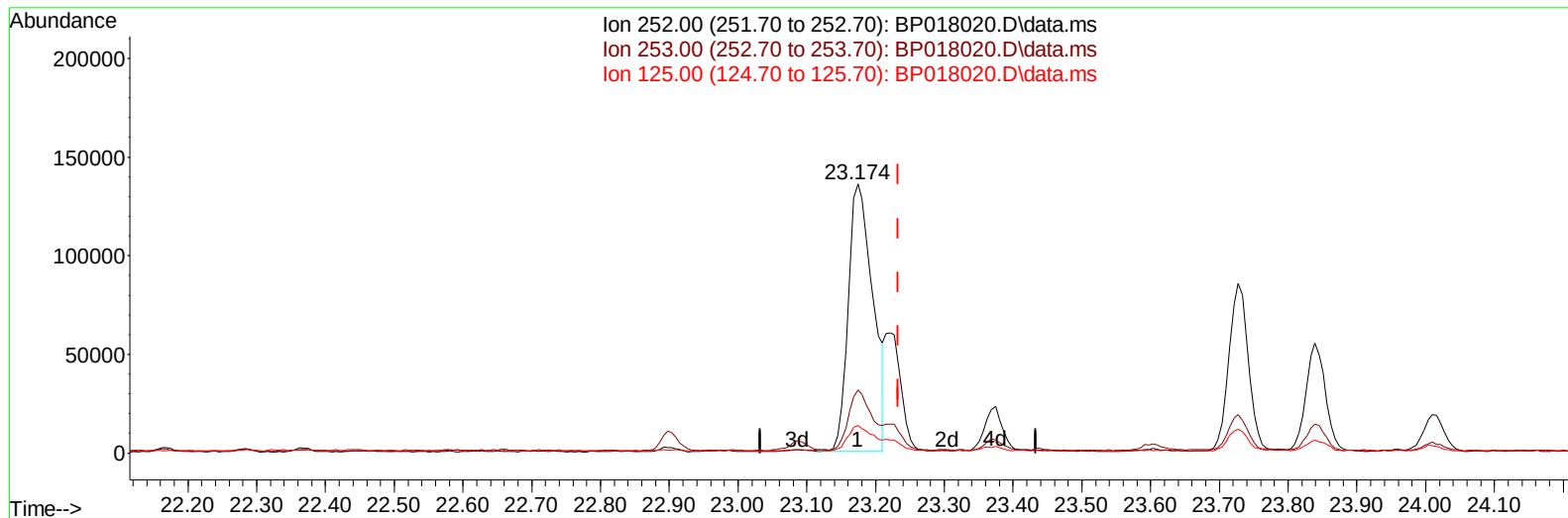
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
 Data File : BP018020.D
 Acq On : 10 Nov 2023 09:41
 Operator : MA/JU
 Sample : 05091-13
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCKJ0

Manual IntegrationsAPPROVED

Quant Time: Nov 10 22:34:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 22:34:38 2023
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Reviewed By :Yogesh Patel 11/11/2023
 Supervised By :mohammad ahmed 11/15/2023



TIC: BP018020.D\data.ms

(91) Benzo(k)fluoranthene

23.174min (-0.059) 10.55 ng/u1

response 335908

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.20	23.49
125.00	9.30	10.31
0.00	0.00	0.00

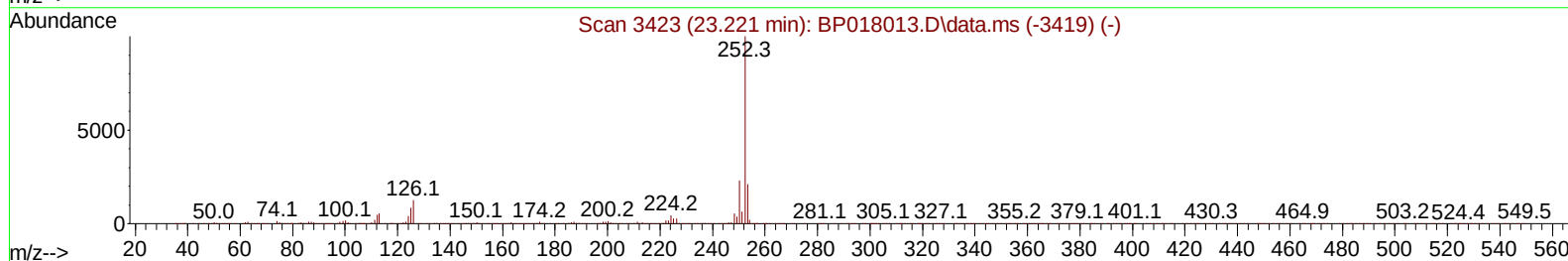
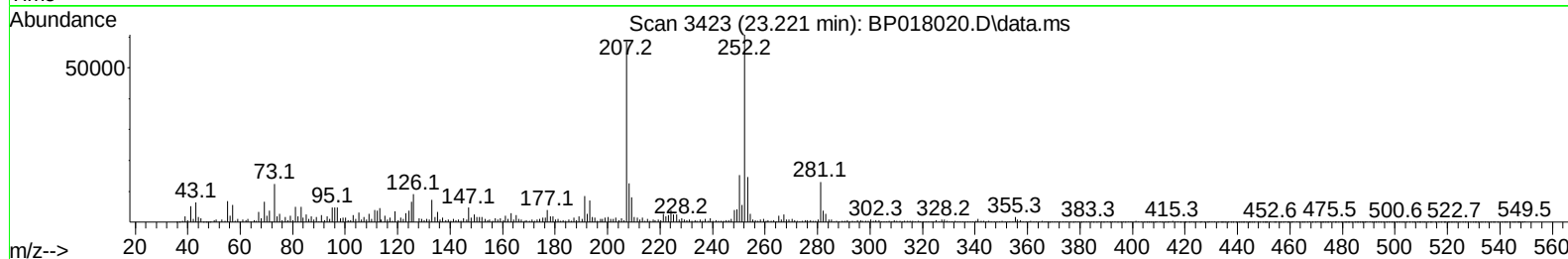
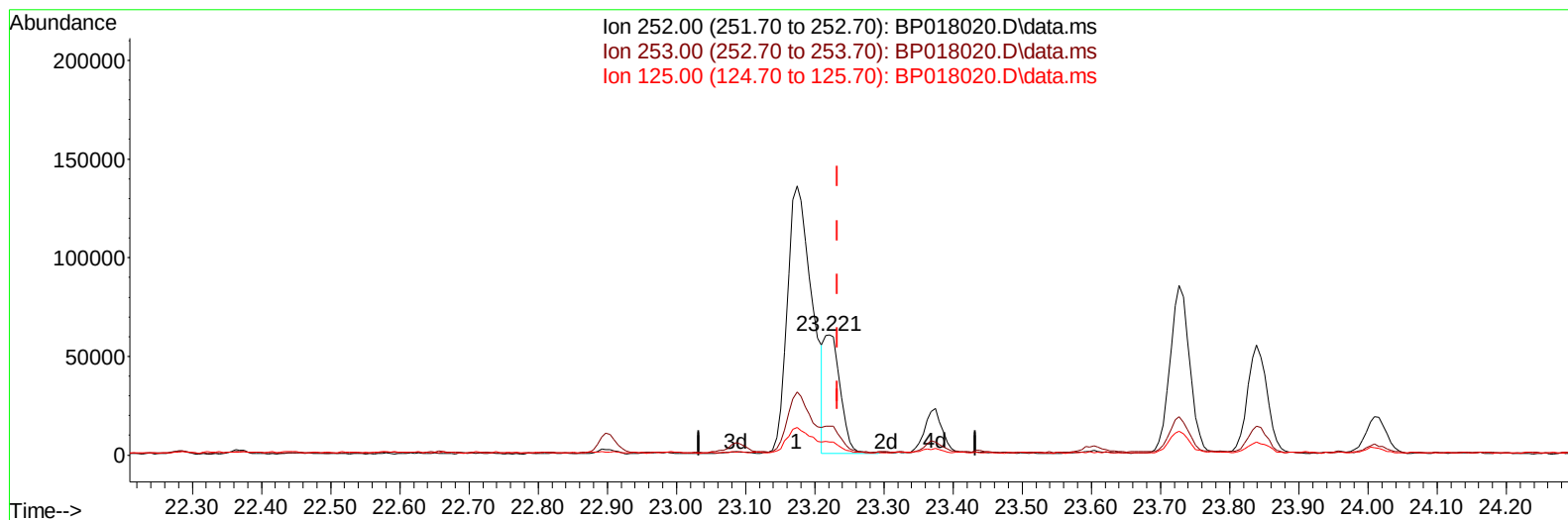
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
 Data File : BP018020.D
 Acq On : 10 Nov 2023 09:41
 Operator : MA/JU
 Sample : 05091-13
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCKJ0

Manual IntegrationsAPPROVED

Quant Time: Nov 10 22:34:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 22:34:38 2023
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Reviewed By :Yogesh Patel 11/11/2023
 Supervised By :mohammad ahmed 11/15/2023



TIC: BP018020.D\data.ms

(91) Benzo(k)fluoranthene

23.221min (-0.012) 3.06 ng/ul m

response 97502

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.20	24.09
125.00	9.30	10.70
0.00	0.00	0.00

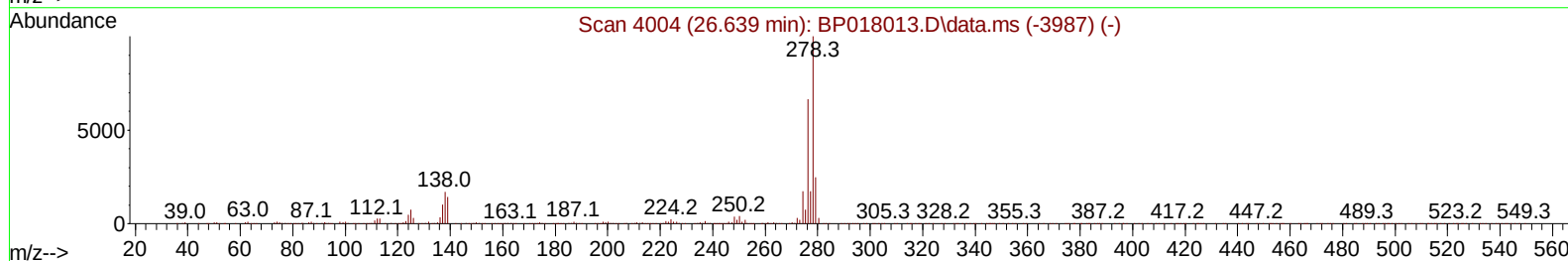
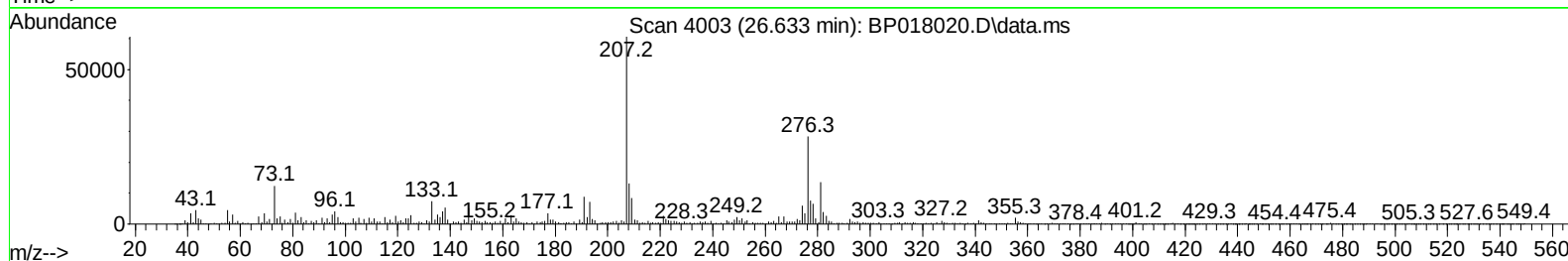
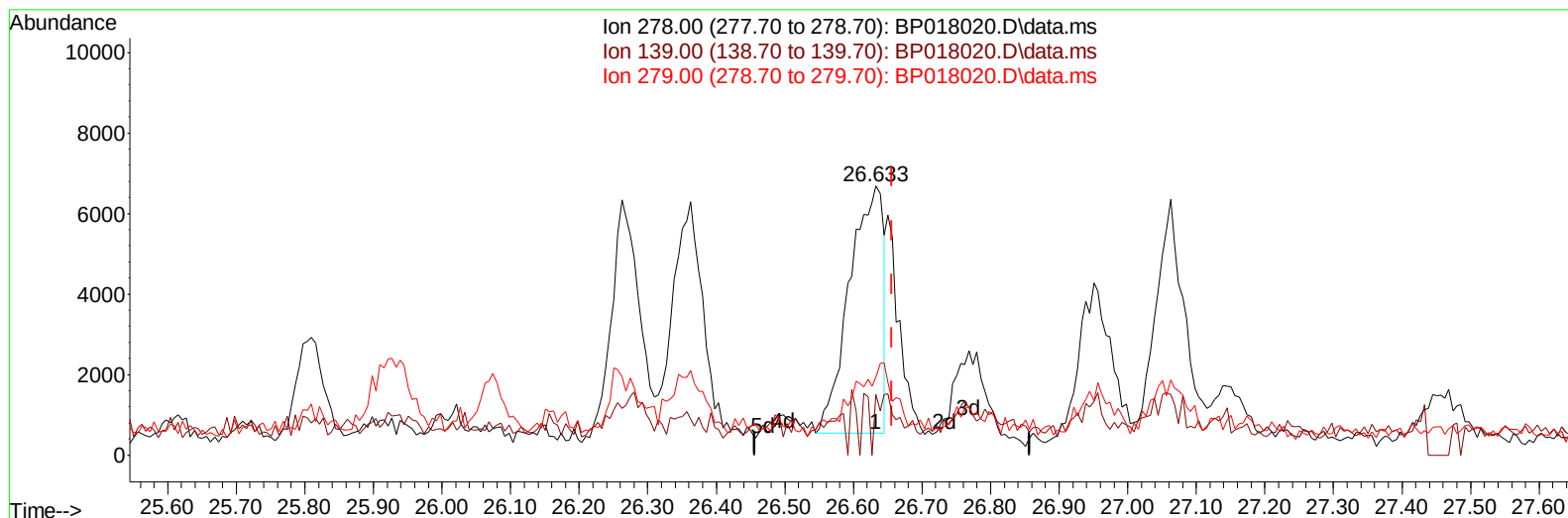
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
 Data File : BP018020.D
 Acq On : 10 Nov 2023 09:41
 Operator : MA/JU
 Sample : 05091-13
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCKJ0

Manual IntegrationsAPPROVED

Quant Time: Nov 10 22:35:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 22:34:38 2023
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Reviewed By :Yogesh Patel 11/11/2023
 Supervised By :mohammad ahmed 11/15/2023



TIC: BP018020.D\data.ms

(95) Dibenzo(a,h)anthracene

26.633min (-0.024) 0.71 ng/u1

response 21051

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	14.90	22.46#
279.00	24.60	28.80
0.00	0.00	0.00

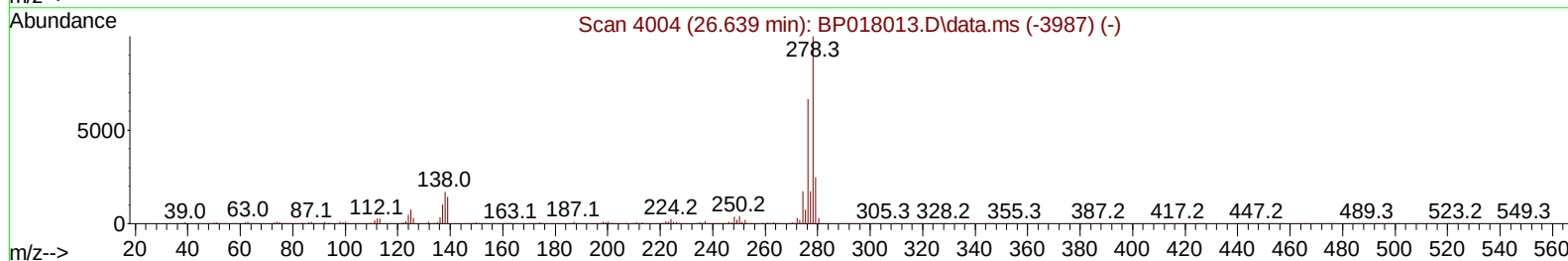
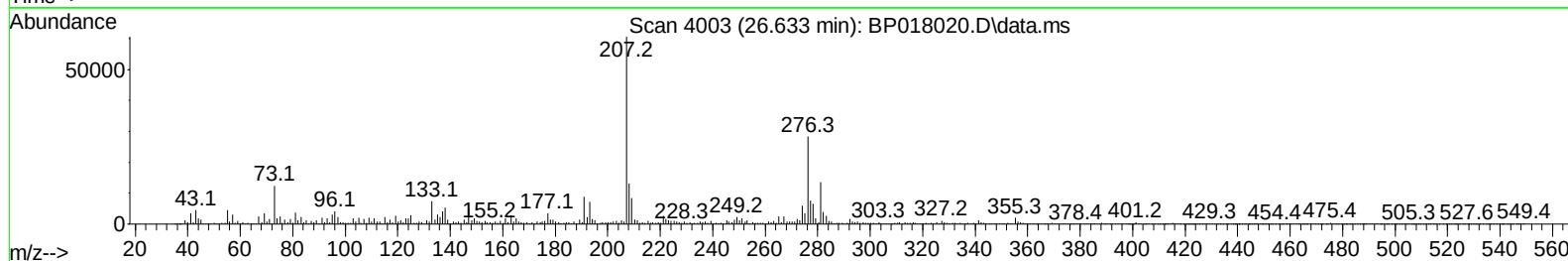
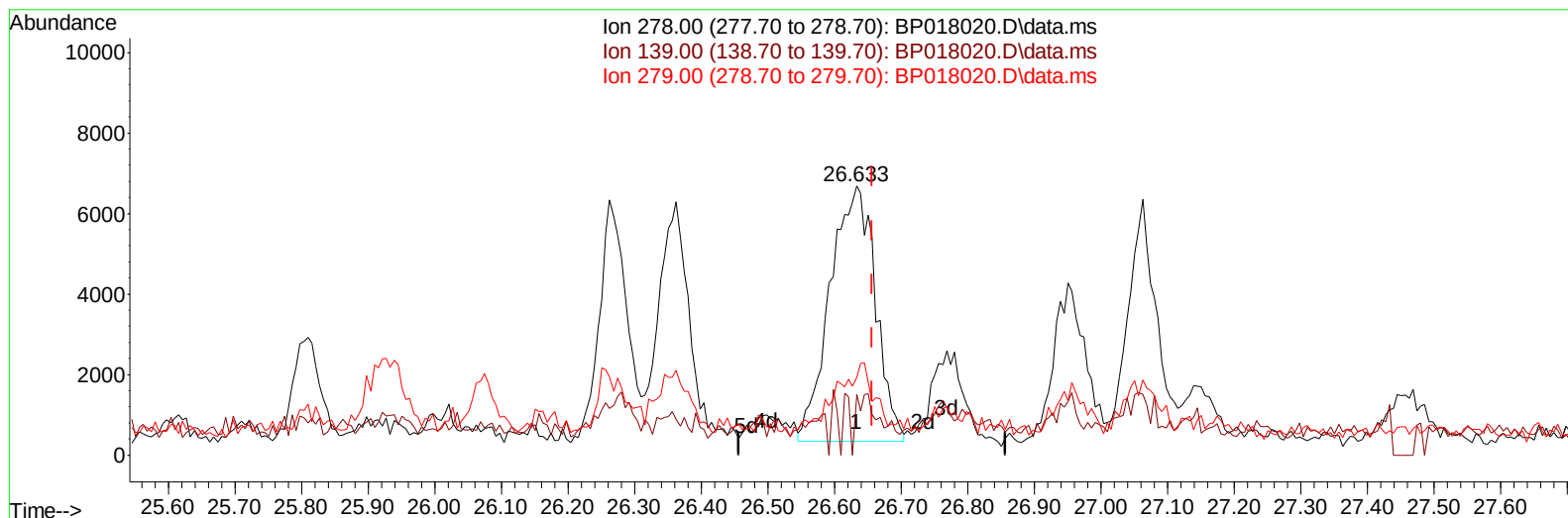
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
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 Acq On : 10 Nov 2023 09:41
 Operator : MA/JU
 Sample : 05091-13
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Nov 10 22:35:02 2023
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TIC: BP018020.D\data.ms

(95) Dibenzo(a,h)anthracene

26.633min (-0.024) 1.02 ng/ul m

response 29945

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	14.90	22.46#
279.00	24.60	28.80
0.00	0.00	0.00

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 ALS Vial : 27 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 DCKJ0

Manual IntegrationsAPPROVED

Quant Time: Nov 10 22:35:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.MA.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	88210	20.000	ng/ul	0.00
20) Naphthalene-d8	10.681	136	367895	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.539	164	228927	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.316	188	482600	20.000	ng/ul	0.00
79) Chrysene-d12	21.445	240	403346	20.000	ng/ul	0.00
88) Perylene-d12	23.957	264	443756	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	3895	1.512	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.034	99	76293	9.203	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	47561	9.472	ng/ul	0.00
11) 2-Chlorophenol-d4	7.387	132	64441	9.716	ng/ul	0.00
15) 4-Methylphenol-d8	8.593	113	46976	7.065	ng/ul	0.00
21) Nitrobenzene-d5	9.069	128	30711	9.322	ng/ul	0.00
24) 2-Nitrophenol-d4	9.787	143	35850	9.777	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	65242	9.932	ng/ul	0.00
31) 4-Chloroaniline-d4	10.875	131	43250m	4.805	ng/ul	0.00
46) Dimethylphthalate-d6	13.957	166	232010	11.025	ng/ul	0.00
49) Acenaphthylene-d8	14.234	160	246147	10.910	ng/ul	0.00
54) 4-Nitrophenol-d4	14.816	143	18438m	5.982	ng/ul	0.02
60) Fluorene-d10	15.539	176	195805	11.225	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	17403	5.164	ng/ul	0.00
73) Anthracene-d10	17.416	188	293110	11.335	ng/ul	0.00
81) Pyrene-d10	19.669	212	352643	13.585	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.786	264	304863	11.820	ng/ul	-0.01
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.269	152	36486	1.412	ng/ul	98
52) Acenaphthene	14.604	153	56672	3.301	ng/ul	99
61) Fluorene	15.598	166	59139	2.959	ng/ul	96
71) Pentachlorophenol	16.951	266	6033	1.639	ng/ul	97
72) Phenanthrene	17.363	178	257701	8.579	ng/ul	99
74) Anthracene	17.451	178	327733	10.791	ng/ul	99
80) Fluoranthene	19.339	202	692938	23.063	ng/ul	100
82) Pyrene	19.698	202	604317	19.031	ng/ul	99
85) Benzo(a)anthracene	21.427	228	199252	6.145	ng/ul	99
87) Chrysene	21.480	228	247048m	8.089	ng/ul	
90) Benzo(b)fluoranthene	23.174	252	335908	10.532	ng/ul	96
91) Benzo(k)fluoranthene	23.221	252	97502m	3.063	ng/ul	
93) Benzo(a)pyrene	23.839	252	108698	3.616	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	26.615	276	123172	3.457	ng/ul	96
95) Dibenzo(a,h)anthracene	26.633	278	29945m	1.017	ng/ul	
96) Benzo(g,h,i)perylene	27.456	276	133940	4.711	ng/ul	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
 Data File : BP018020.D
 Acq On : 10 Nov 2023 09:41
 Operator : MA/JU
 Sample : 05091-13
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/11/2023
 Supervised By :mohammad ahmed 11/15/2023

Quant Time: Nov 10 22:35:52 2023
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