

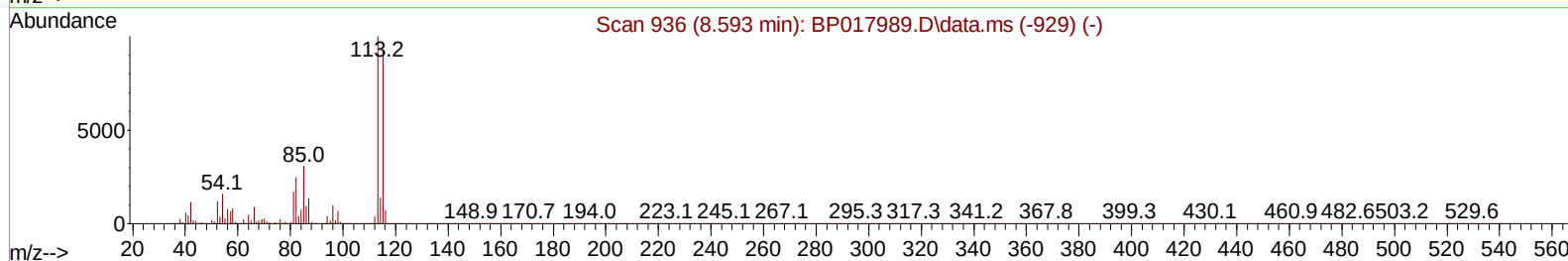
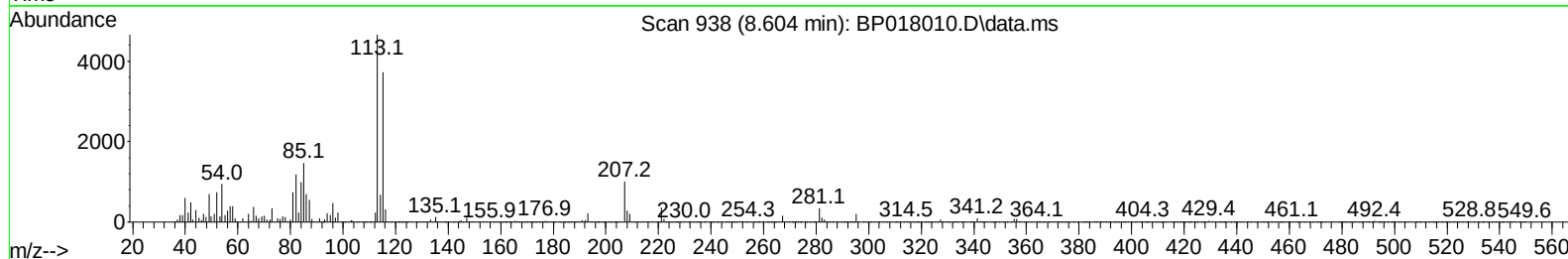
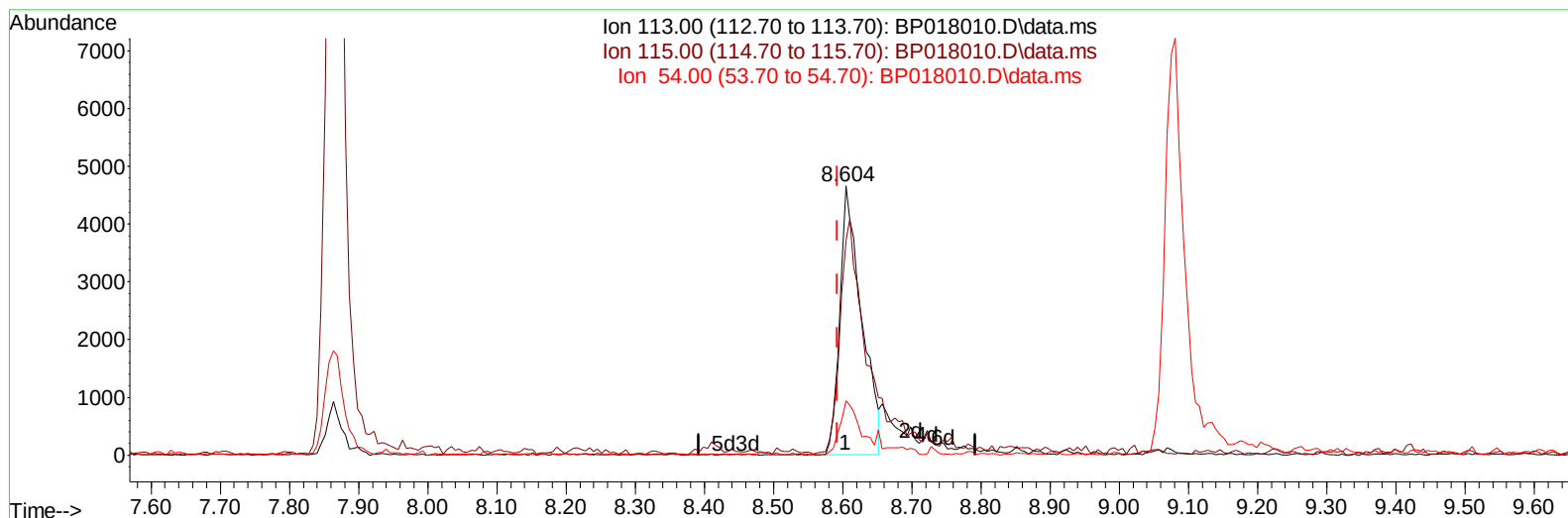
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
 Data File : BP018010.D
 Acq On : 10 Nov 2023 03:28
 Operator : MA/JU
 Sample : 05091-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCK12

Manual IntegrationsAPPROVED

Quant Time: Nov 10 04:03:32 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: BP018010.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.604min (+ 0.012) 3.57 ng/u1

response 10112

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	92.30	79.91
54.00	15.90	20.22#
0.00	0.00	0.00

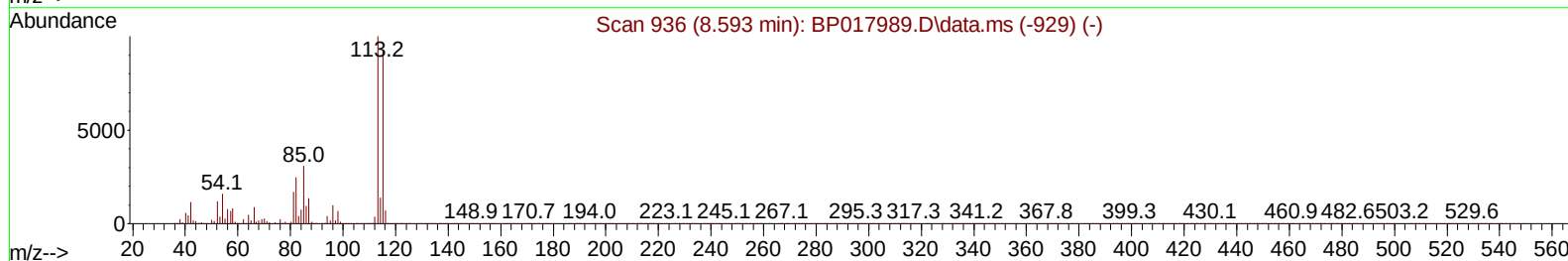
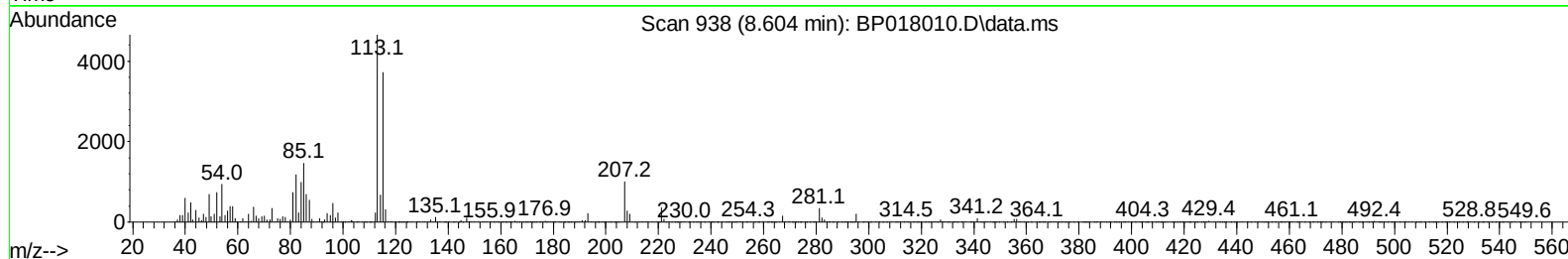
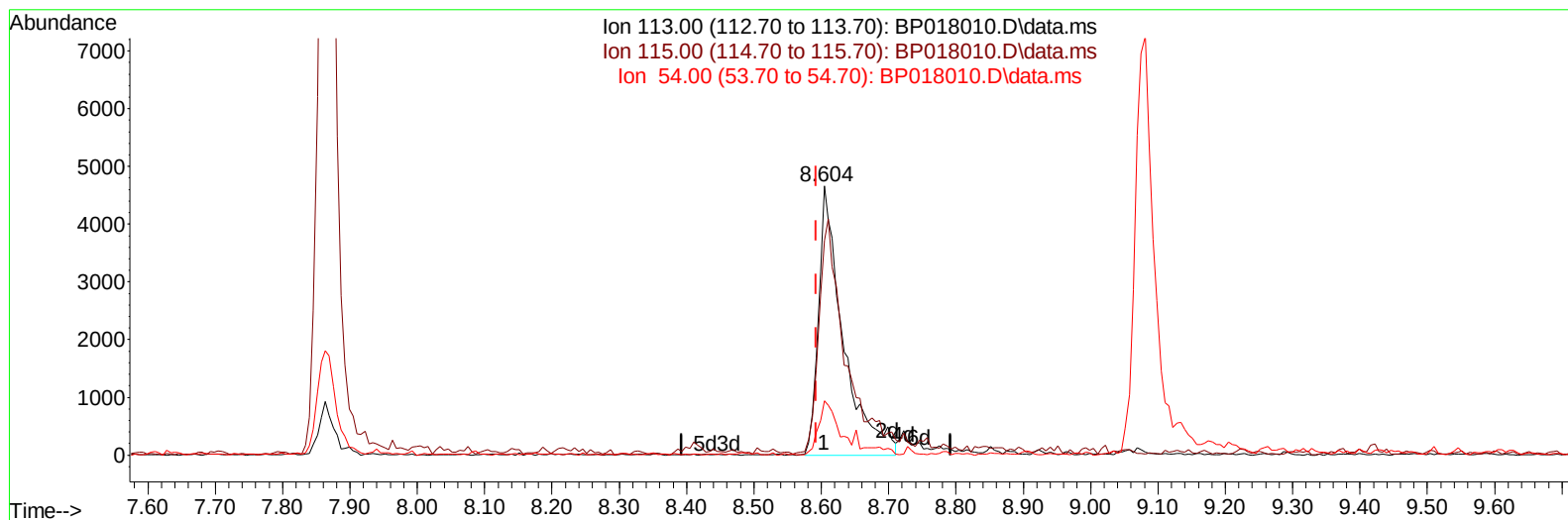
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
 Data File : BP018010.D
 Acq On : 10 Nov 2023 03:28
 Operator : MA/JU
 Sample : 05091-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCK12

Manual IntegrationsAPPROVED

Quant Time: Nov 10 04:03:32 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: BP018010.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.604min (+ 0.012) 4.19 ng/ul m

response 11855

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	92.30	79.91
54.00	15.90	20.22#
0.00	0.00	0.00

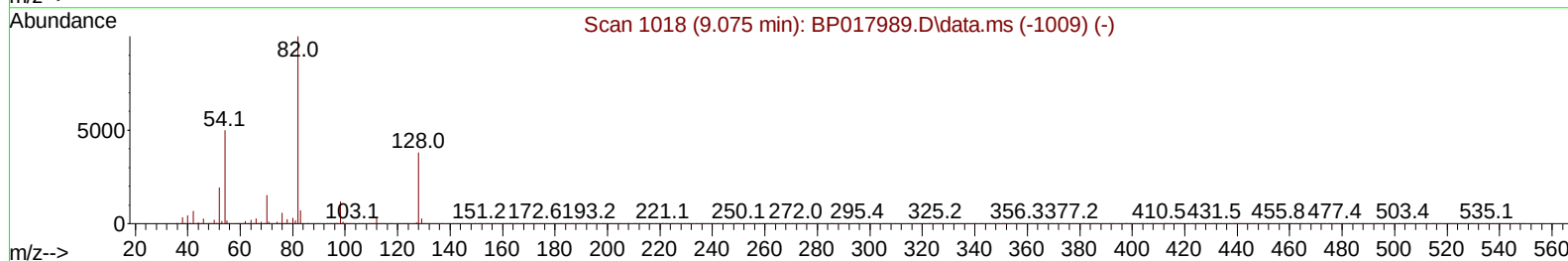
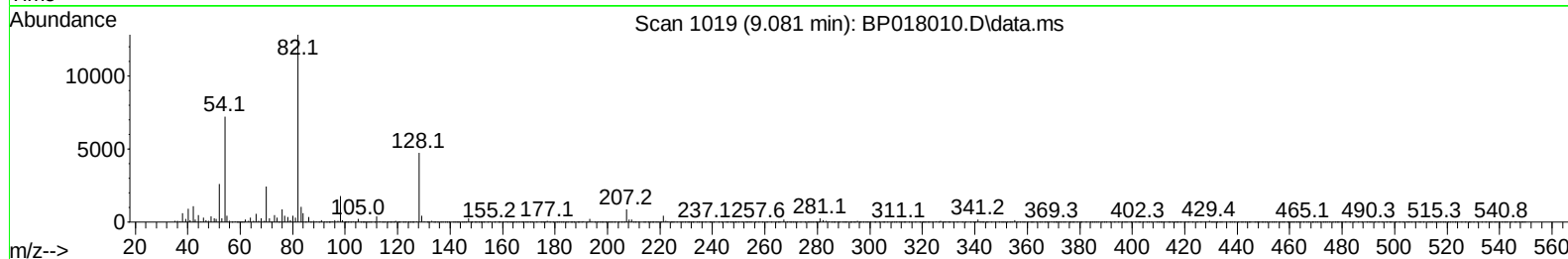
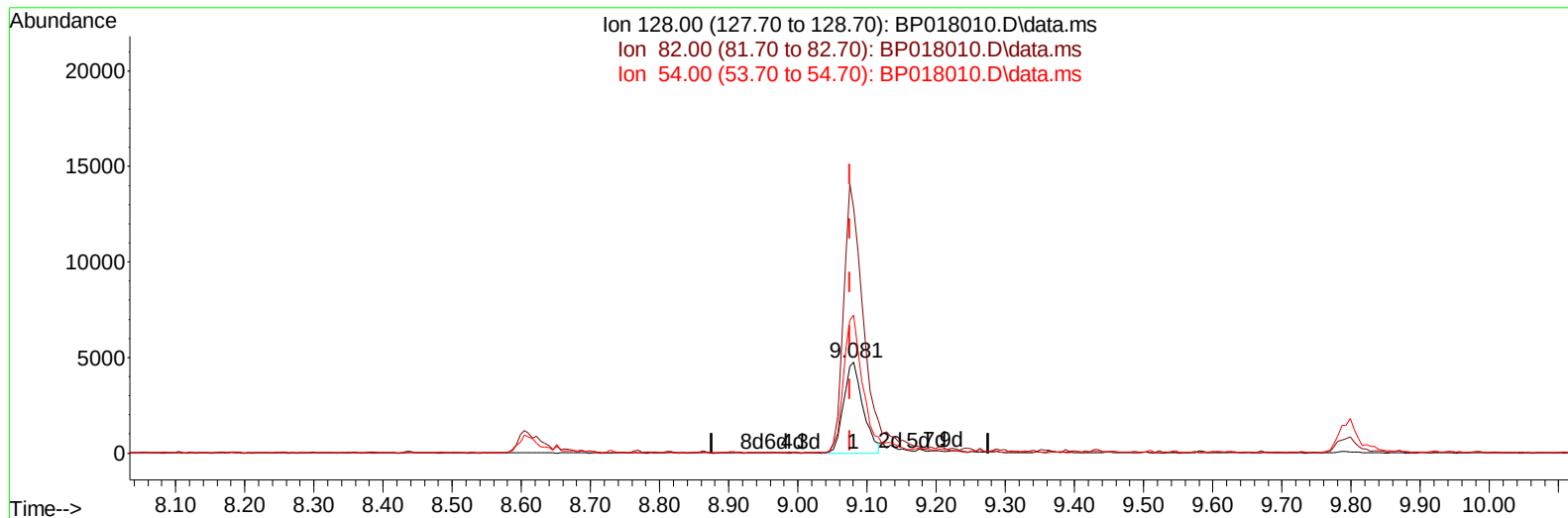
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
Data File : BP018010.D
Acq On : 10 Nov 2023 03:28
Operator : MA/JU
Sample : 05091-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKI2

Manual IntegrationsAPPROVED

Quant Time: Nov 10 03:56:30 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: BP018010.D\data.ms

(21) Nitrobenzene-d5 (S)

9.081min (+ 0.006) 6.84 ng/u1

response 9256

Ion	Exp%	Act%
128.00	100.00	100.00
82.00	262.60	269.84
54.00	130.40	152.16
0.00	0.00	0.00

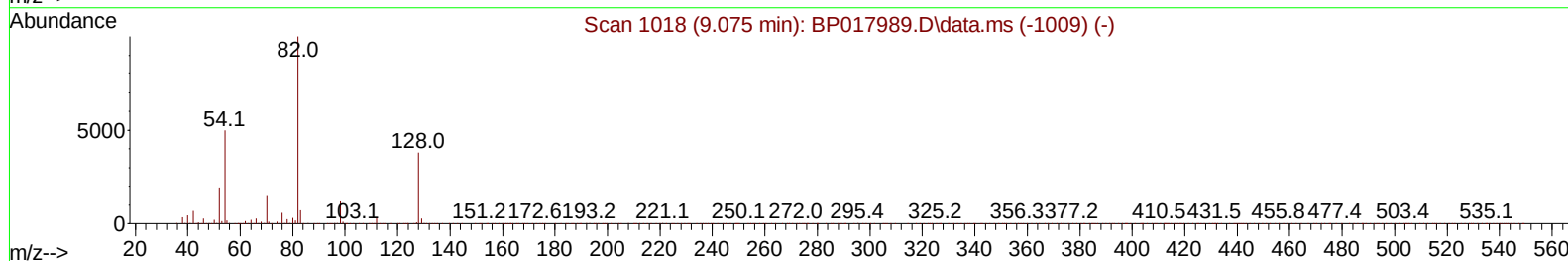
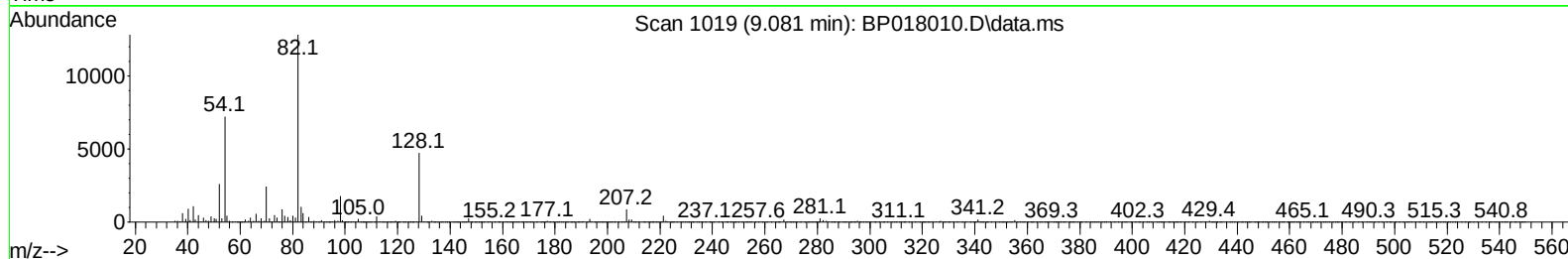
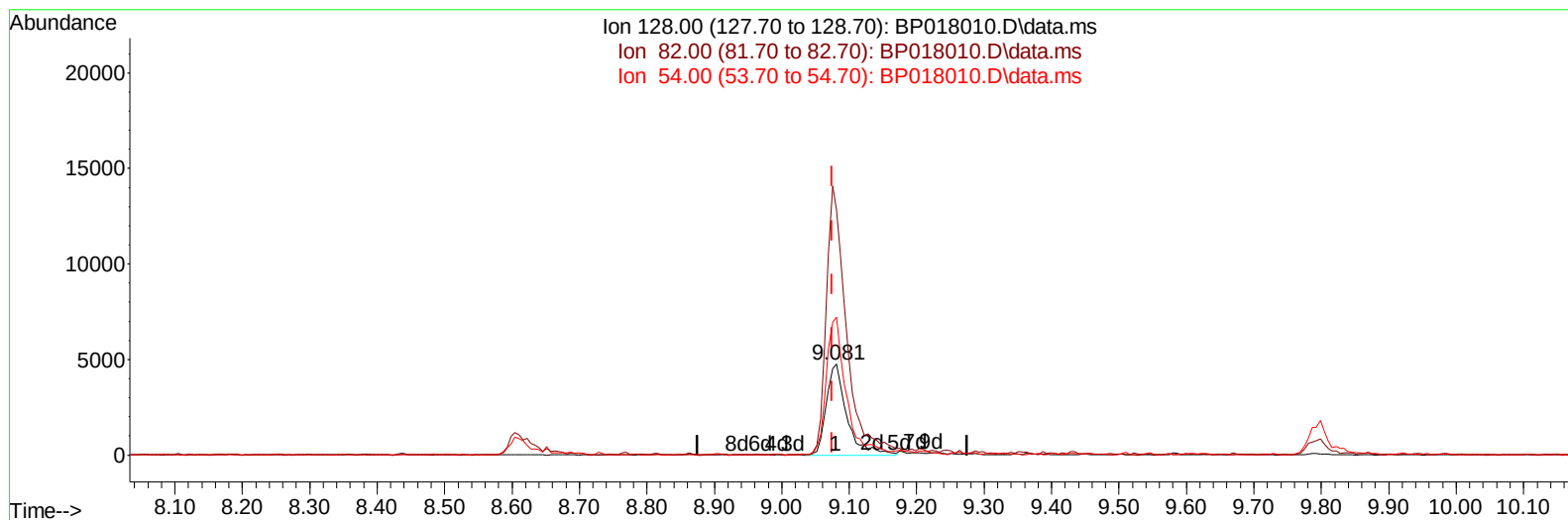
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
 Data File : BP018010.D
 Acq On : 10 Nov 2023 03:28
 Operator : MA/JU
 Sample : 05091-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCK12

Manual IntegrationsAPPROVED

Quant Time: Nov 10 03:56:30 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: BP018010.D\data.ms

(21) Nitrobenzene-d5 (S)

9.081min (+ 0.006) 7.43 ng/ul m

response 10063

Ion	Exp%	Act%
128.00	100.00	100.00
82.00	262.60	269.84
54.00	130.40	152.16
0.00	0.00	0.00

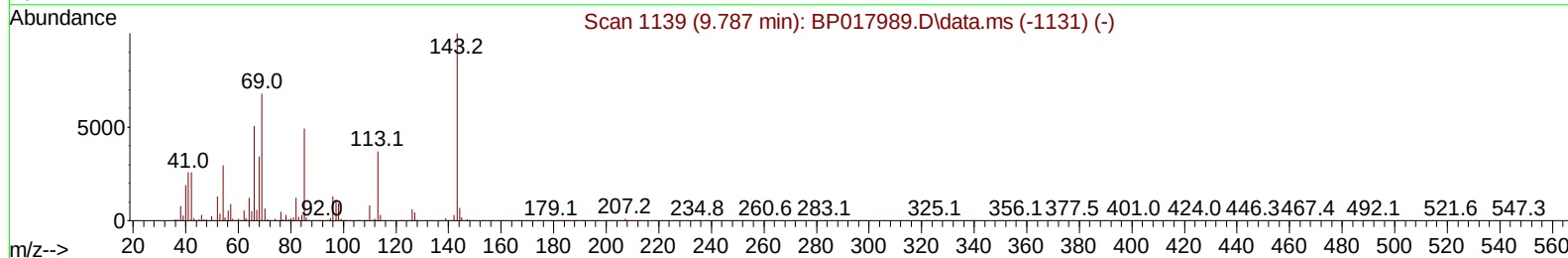
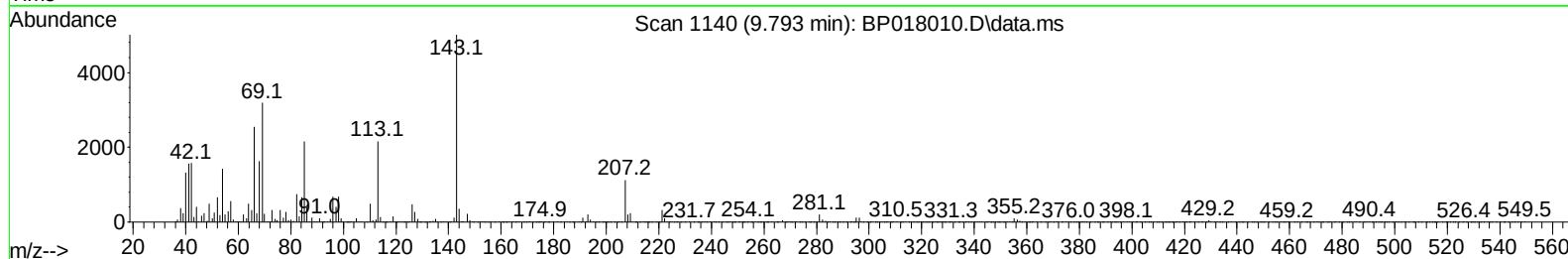
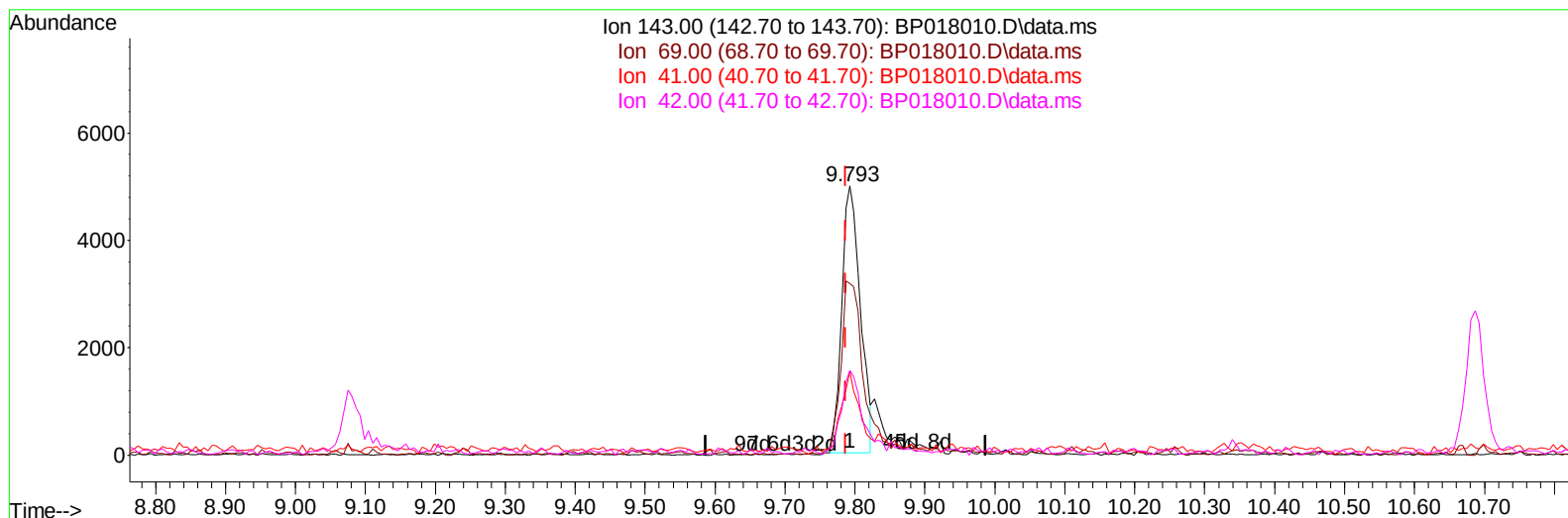
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
 Data File : BP018010.D
 Acq On : 10 Nov 2023 03:28
 Operator : MA/JU
 Sample : 05091-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCK12

Manual IntegrationsAPPROVED

Quant Time: Nov 10 03:56:30 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: BP018010.D\data.ms

(24) 2-Nitrophenol-d4 (S)

9.793min (+ 0.006) 6.15 ng/ul

response 9275

Ion	Exp%	Act%
143.00	100.00	100.00
69.00	68.10	63.72
41.00	27.10	31.09
42.00	26.10	31.45#

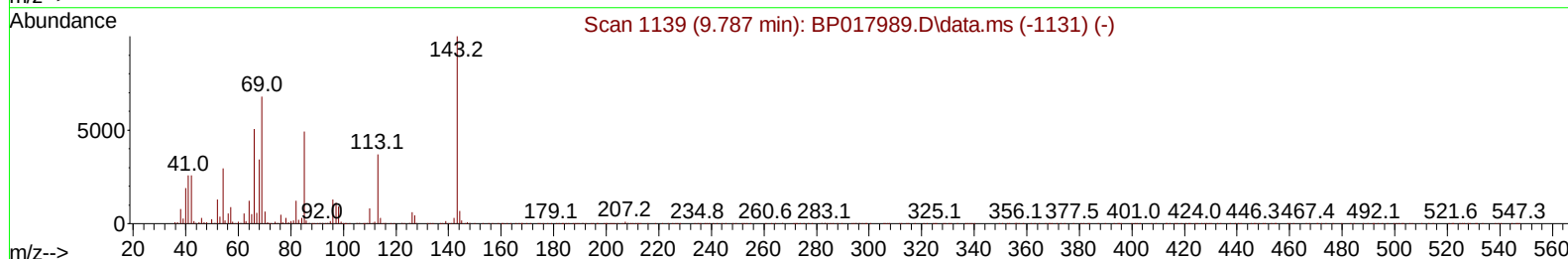
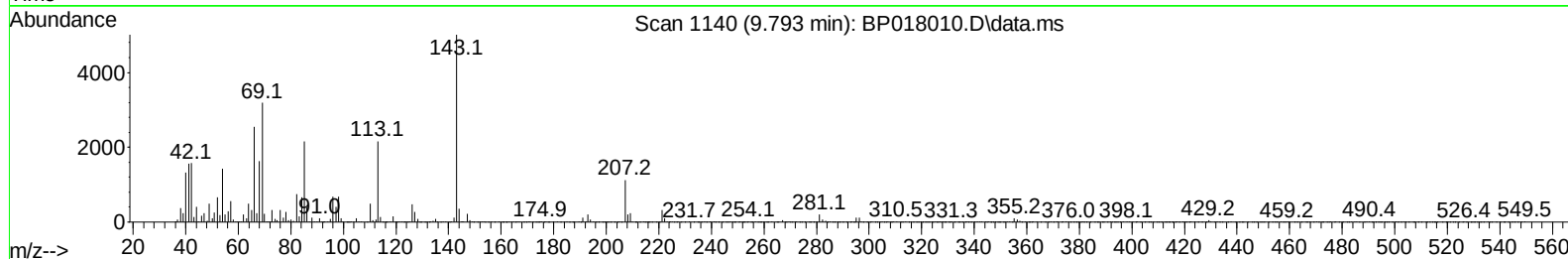
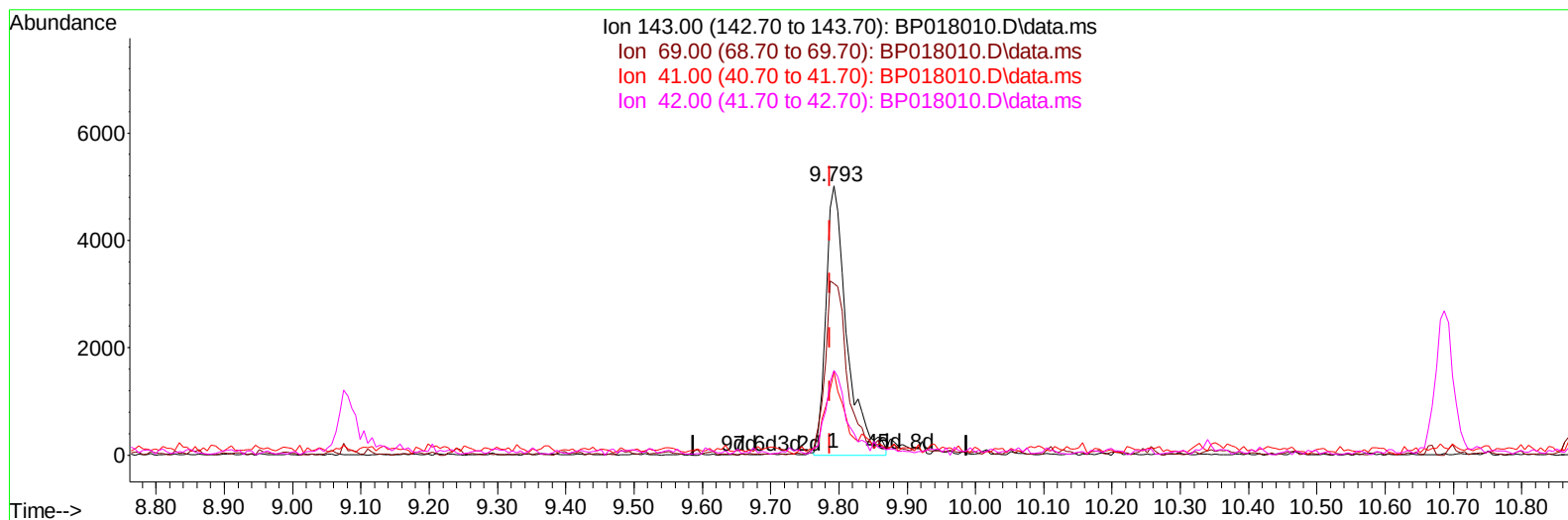
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
 Data File : BP018010.D
 Acq On : 10 Nov 2023 03:28
 Operator : MA/JU
 Sample : 05091-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCK12

Manual IntegrationsAPPROVED

Quant Time: Nov 10 03:56:30 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: BP018010.D\data.ms

(24) 2-Nitrophenol-d4 (S)

9.793min (+ 0.006) 7.13 ng/ul m

response 10751

Ion	Exp%	Act%
143.00	100.00	100.00
69.00	68.10	63.72
41.00	27.10	31.09
42.00	26.10	31.45#

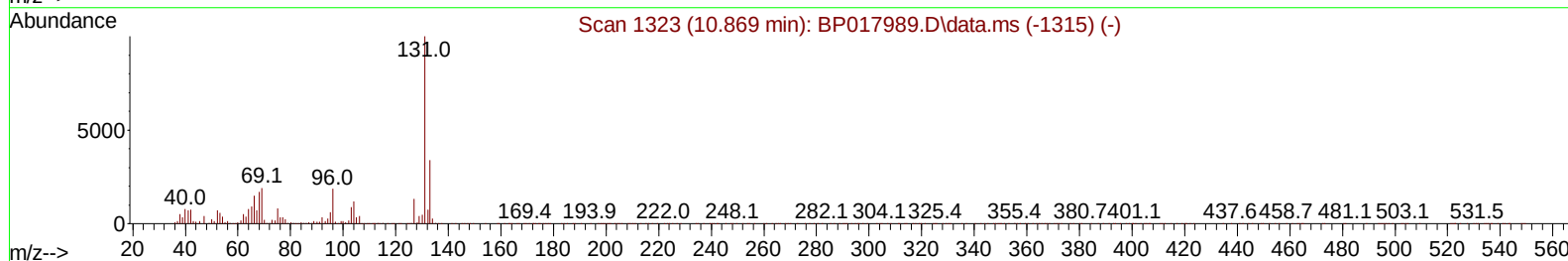
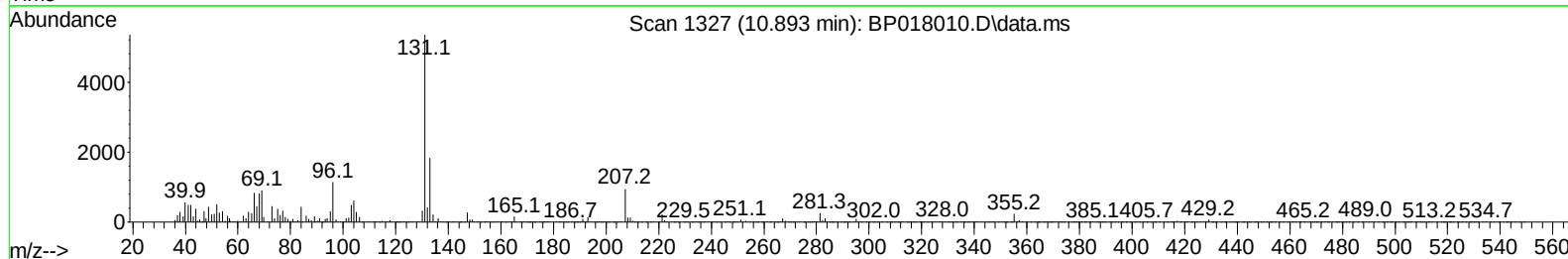
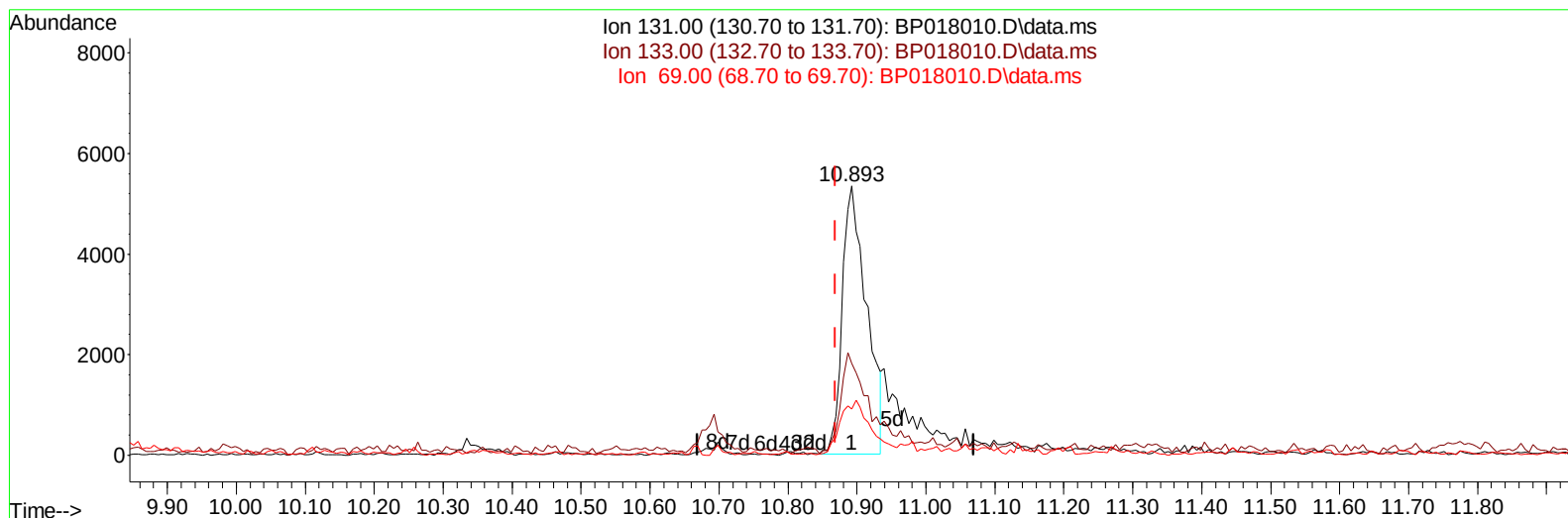
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
Data File : BP018010.D
Acq On : 10 Nov 2023 03:28
Operator : MA/JU
Sample : 05091-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCK12

Manual IntegrationsAPPROVED

Quant Time: Nov 10 03:56:30 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: BP018010.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.893min (+ 0.023) 3.54 ng/uI

response 13088

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	34.00	34.17
69.00	19.00	17.02
0.00	0.00	0.00

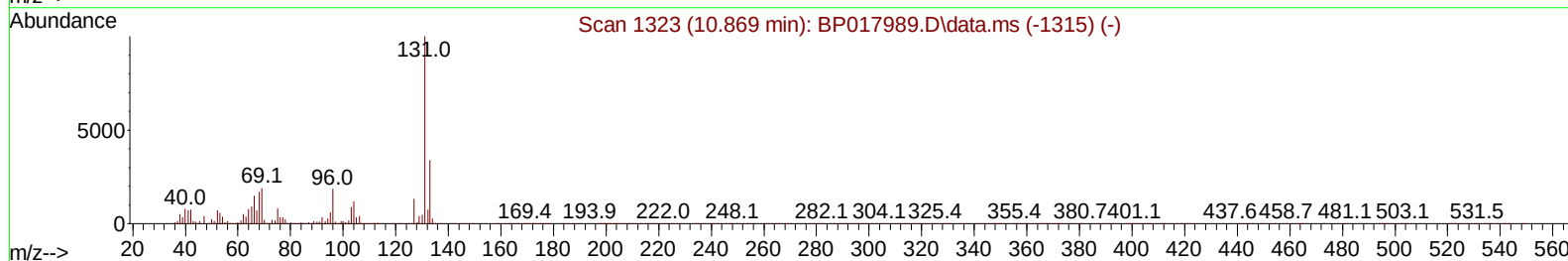
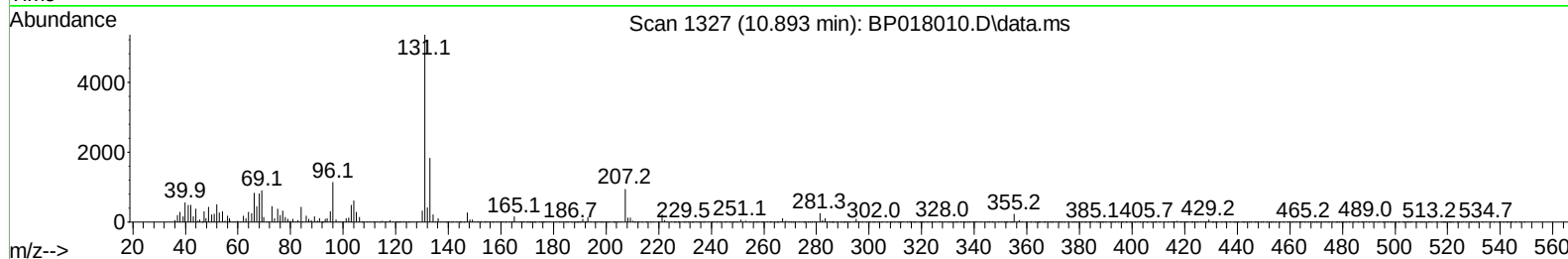
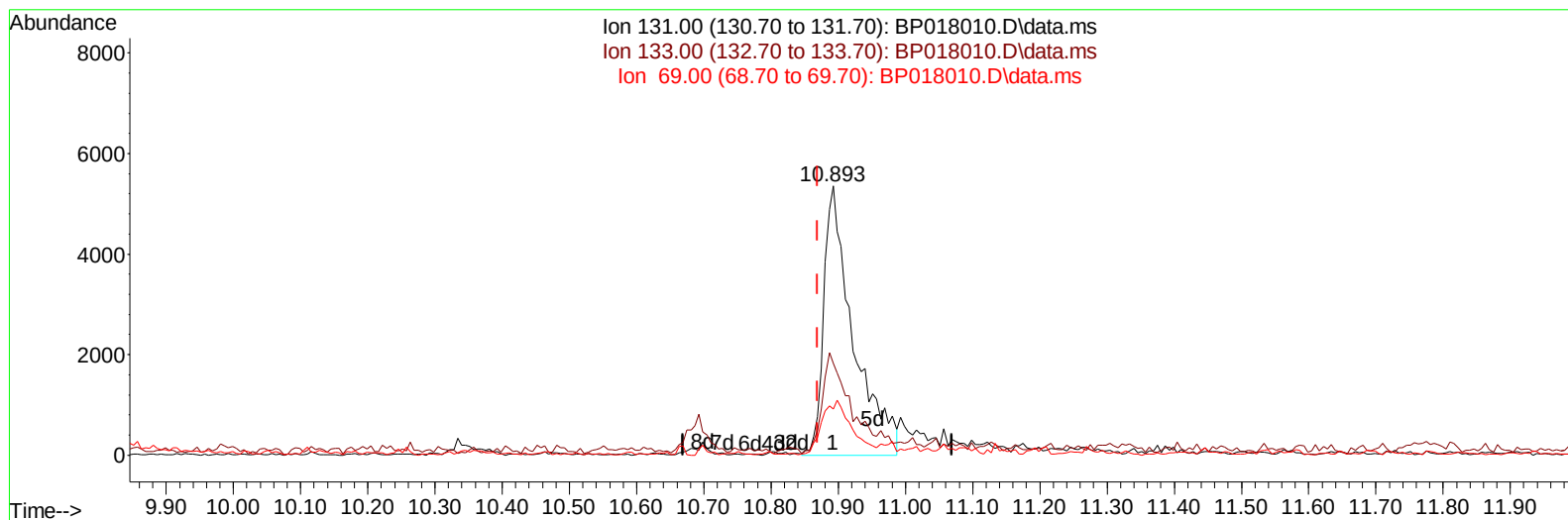
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
 Data File : BP018010.D
 Acq On : 10 Nov 2023 03:28
 Operator : MA/JU
 Sample : 05091-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCK12

Manual IntegrationsAPPROVED

Quant Time: Nov 10 03:56:30 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: BP018010.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.893min (+ 0.023) 4.39 ng/ul m

response 16253

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	34.00	34.17
69.00	19.00	17.02
0.00	0.00	0.00

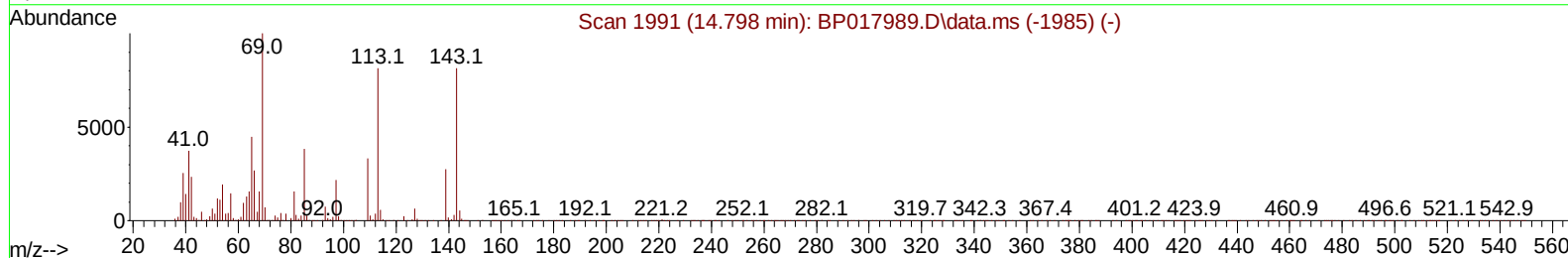
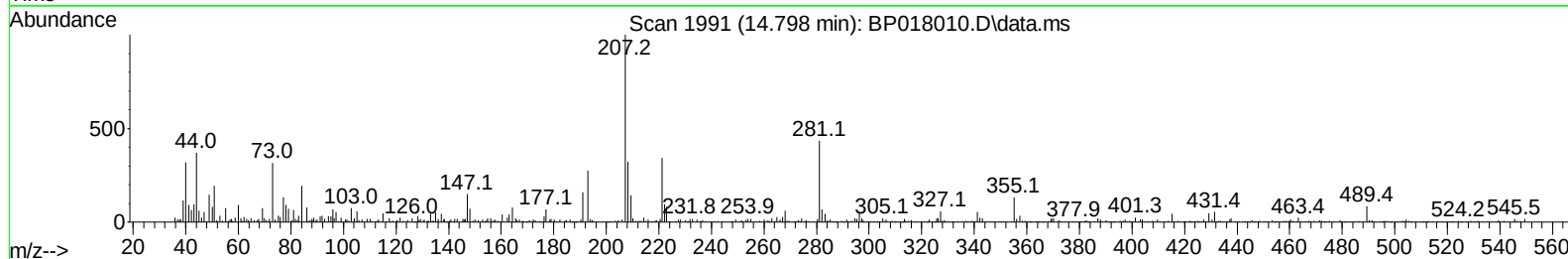
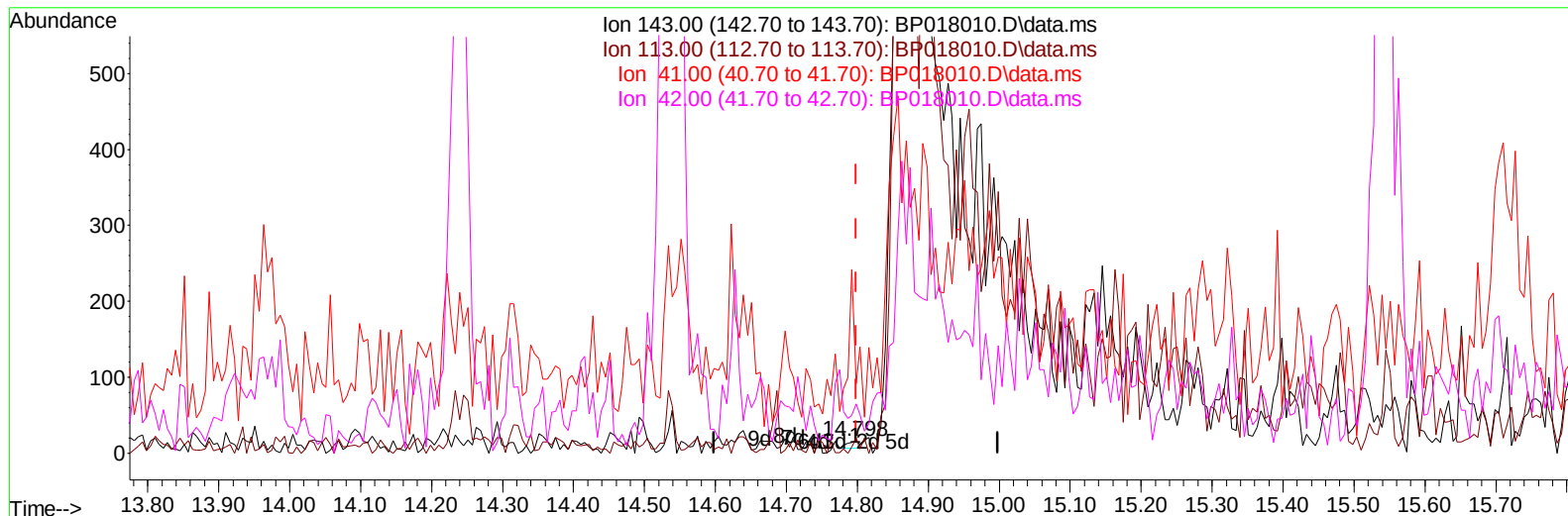
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
Data File : BP018010.D
Acq On : 10 Nov 2023 03:28
Operator : MA/JU
Sample : 05091-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCK12

Manual IntegrationsAPPROVED

Quant Time: Nov 10 03:56:30 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: BP018010.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.798min (-0.000) 0.01 ng/u1

response 11

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	100.40	117.65
41.00	46.90	541.18#
42.00	29.70	382.35#

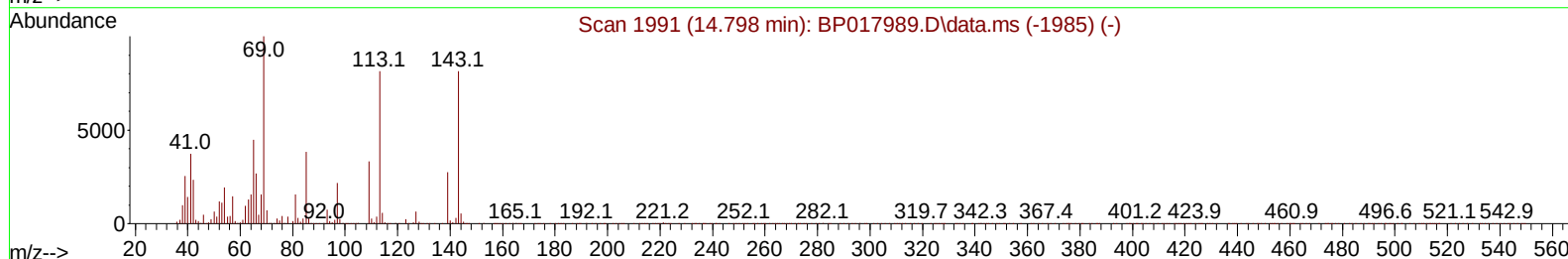
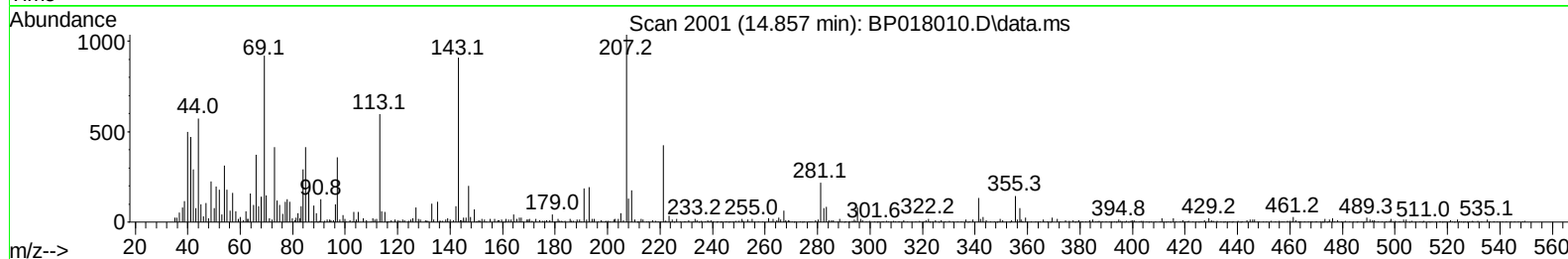
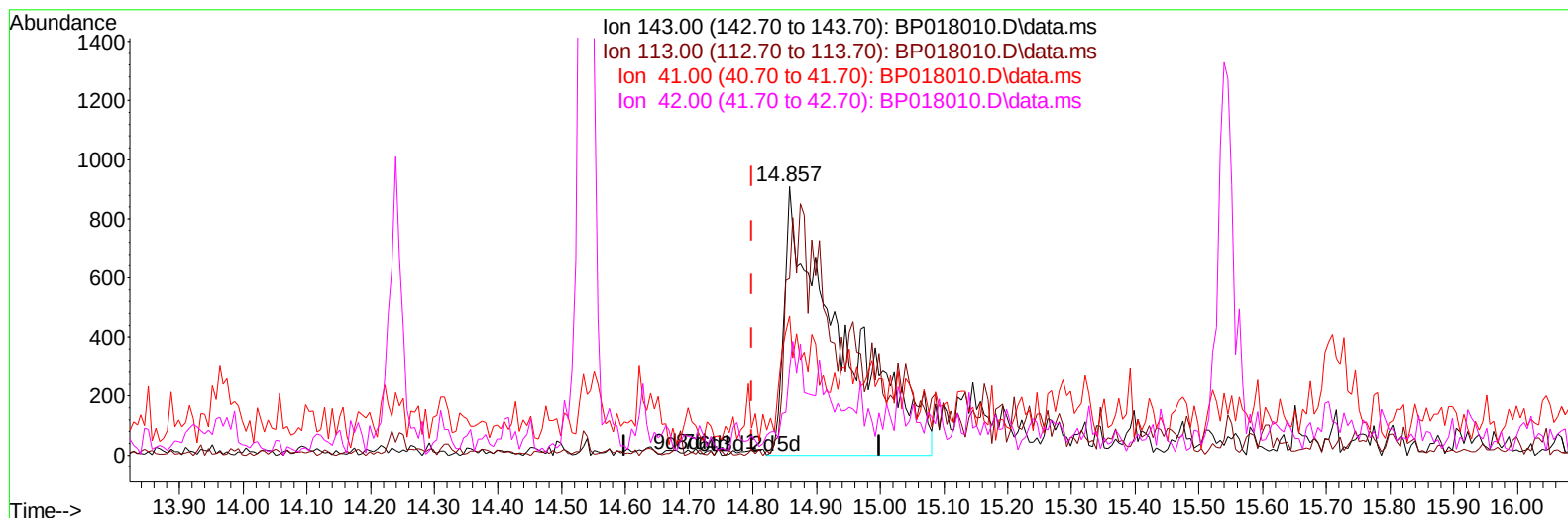
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
 Data File : BP018010.D
 Acq On : 10 Nov 2023 03:28
 Operator : MA/JU
 Sample : 05091-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCK12

Manual IntegrationsAPPROVED

Quant Time: Nov 10 03:59:48 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: BP018010.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.857min (+ 0.059) 4.50 ng/ul m

response 5550

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	100.40	65.71#
41.00	46.90	51.76
42.00	29.70	32.09

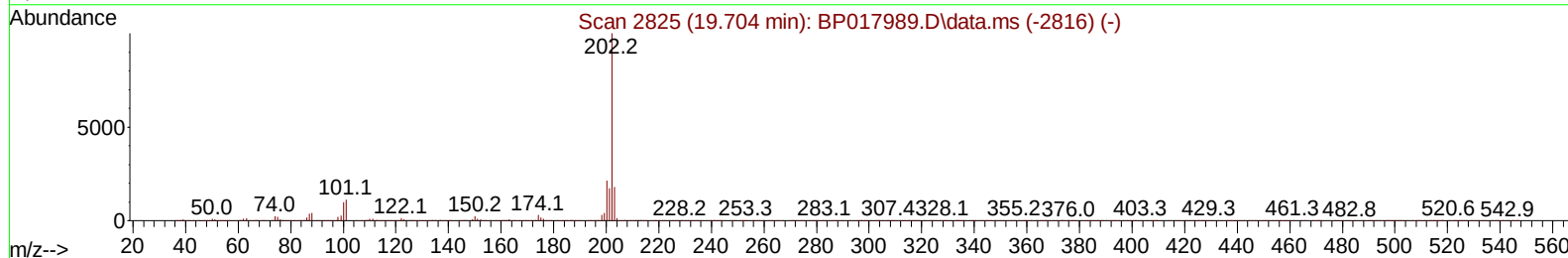
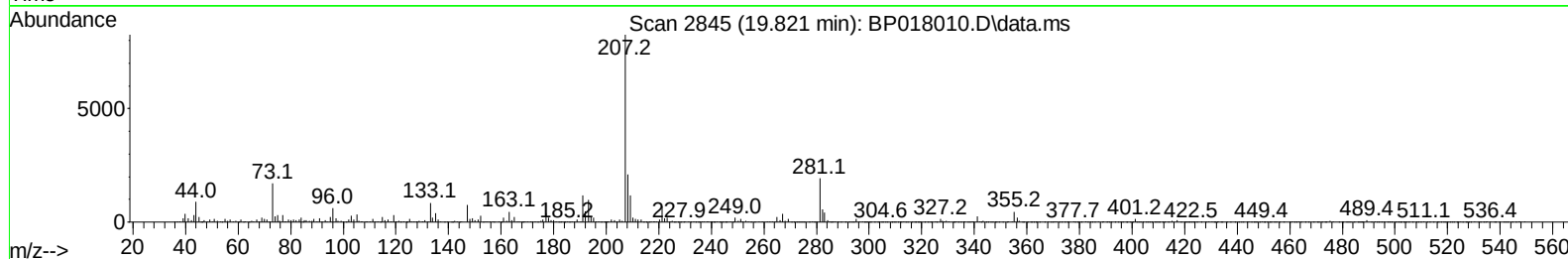
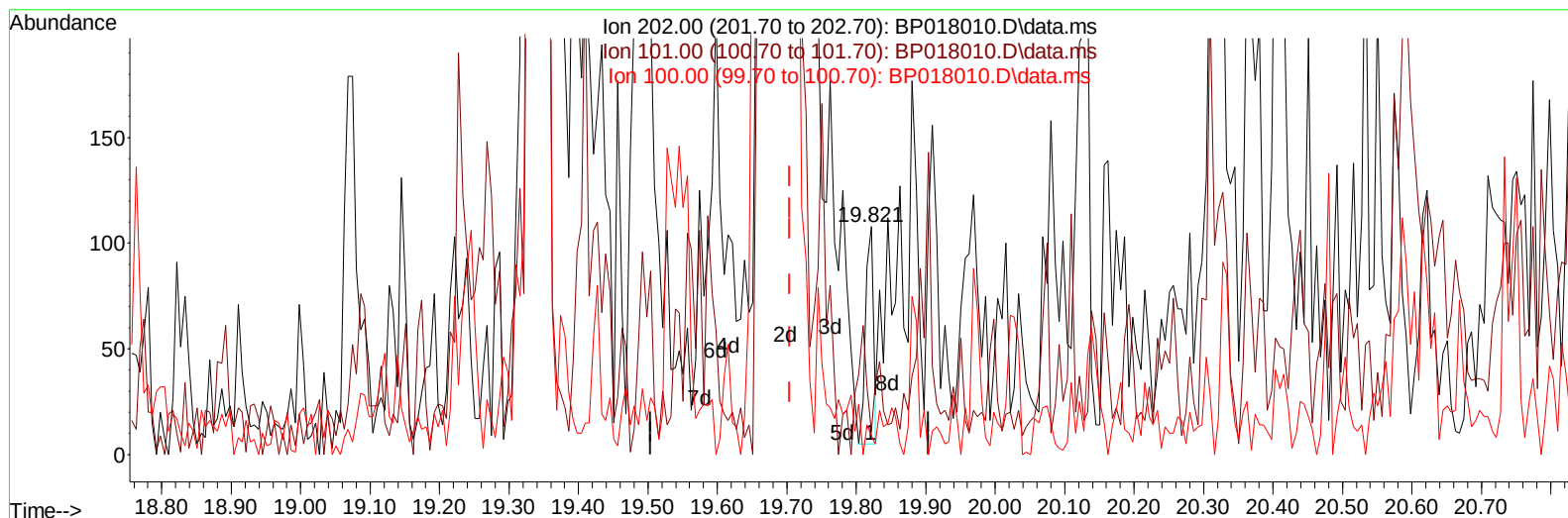
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
 Data File : BP018010.D
 Acq On : 10 Nov 2023 03:28
 Operator : MA/JU
 Sample : 05091-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCK12

Manual IntegrationsAPPROVED

Quant Time: Nov 10 04:00:20 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: BP018010.D\data.ms

(82) Pyrene

19.821min (+ 0.117) 0.00 ng/ul

response	81	
Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.20	10.19
100.00	9.80	8.33
0.00	0.00	0.00

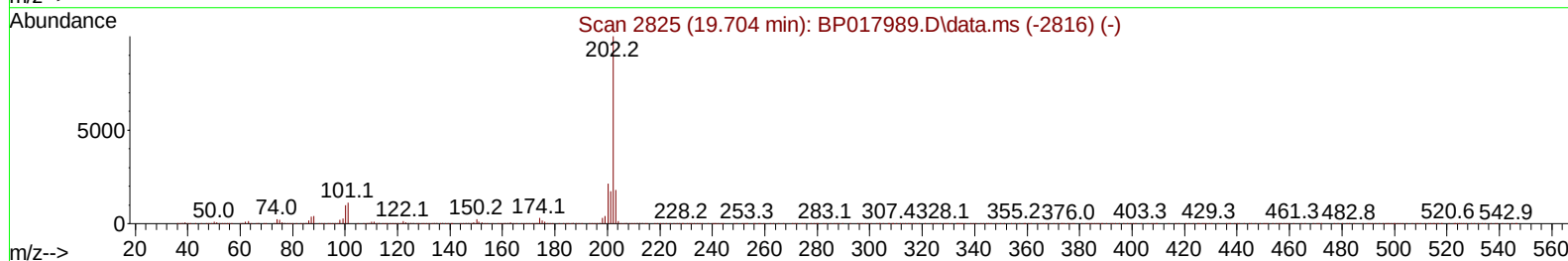
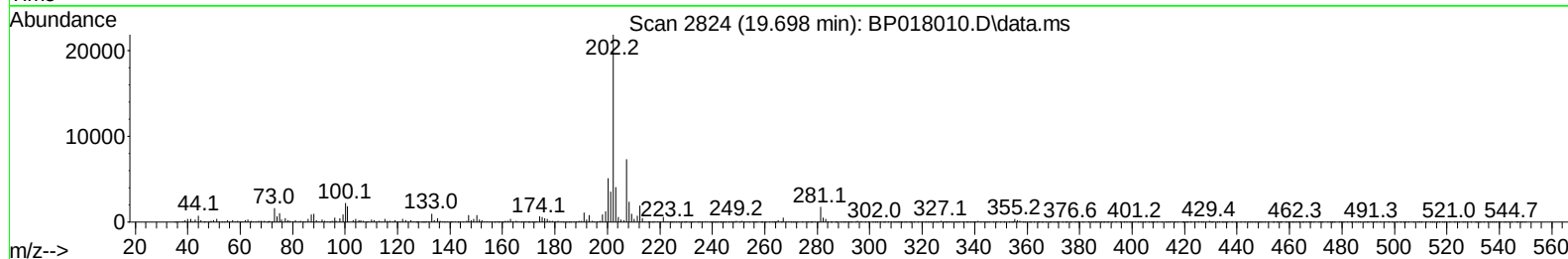
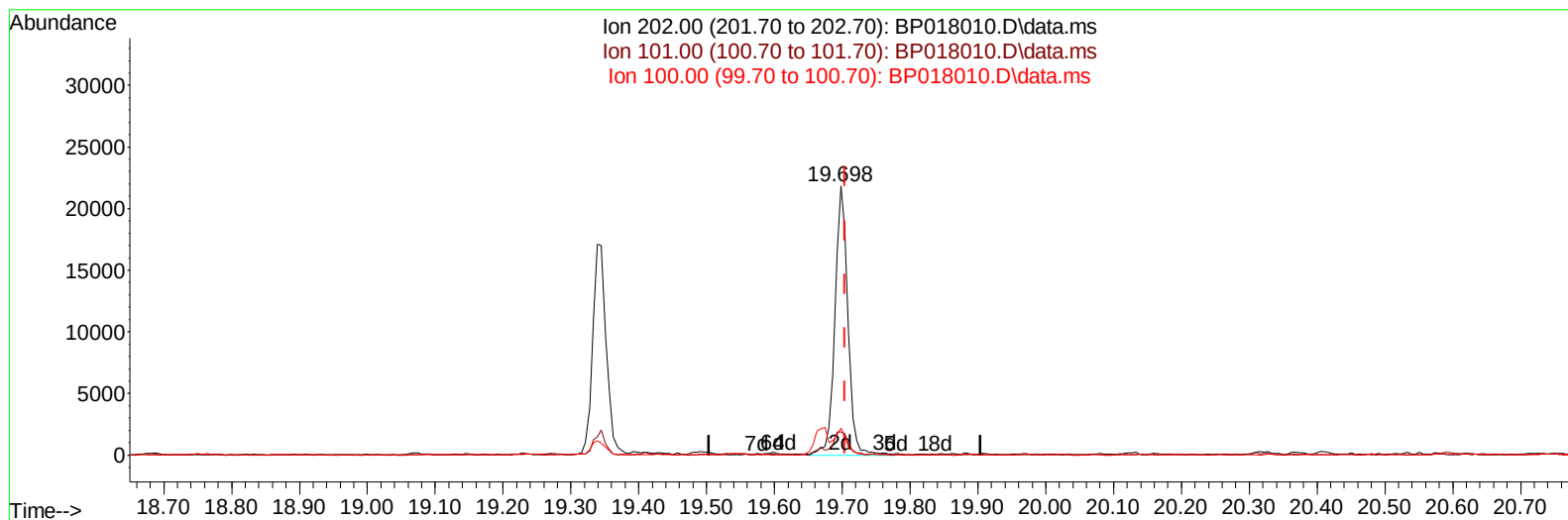
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
 Data File : BP018010.D
 Acq On : 10 Nov 2023 03:28
 Operator : MA/JU
 Sample : 05091-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCK12

Manual IntegrationsAPPROVED

Quant Time: Nov 10 04:00:20 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: BP018010.D\data.ms

(82) Pyrene

19.698min (-0.006) 1.67 ng/ul m

response 29243

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.20	8.61#
100.00	9.80	10.06
0.00	0.00	0.00

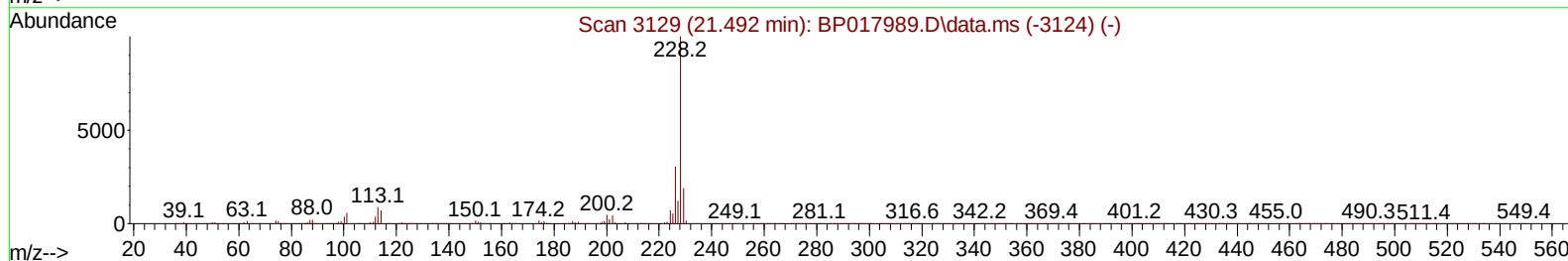
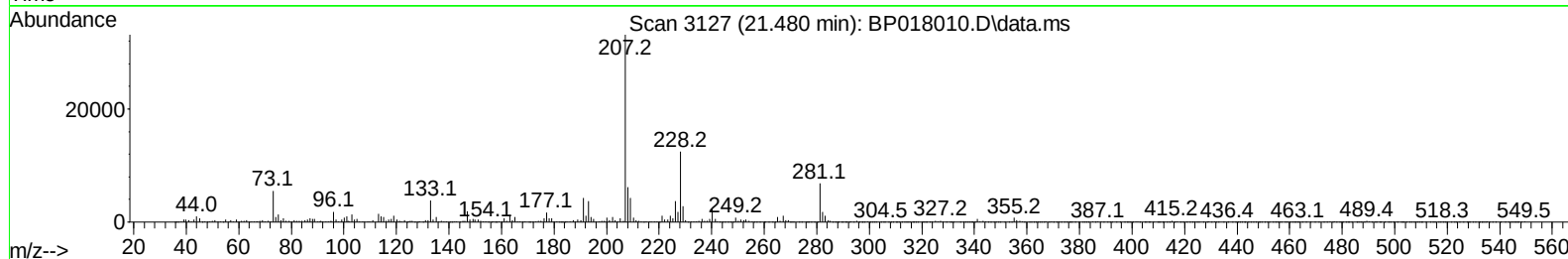
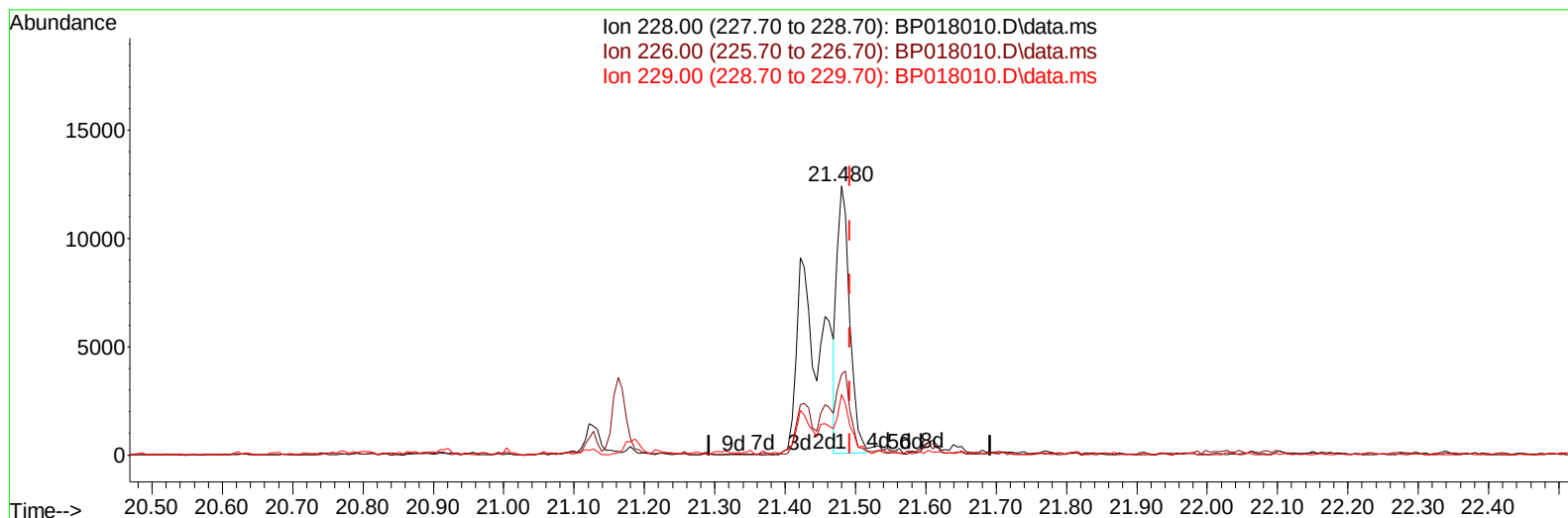
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
 Data File : BP018010.D
 Acq On : 10 Nov 2023 03:28
 Operator : MA/JU
 Sample : 05091-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCK12

Manual IntegrationsAPPROVED

Quant Time: Nov 10 04:02:27 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: BP018010.D\data.ms

(87) Chrysene

21.480min (-0.012) 0.91 ng/u1

response 15339

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.50	30.10
229.00	19.20	22.48
0.00	0.00	0.00

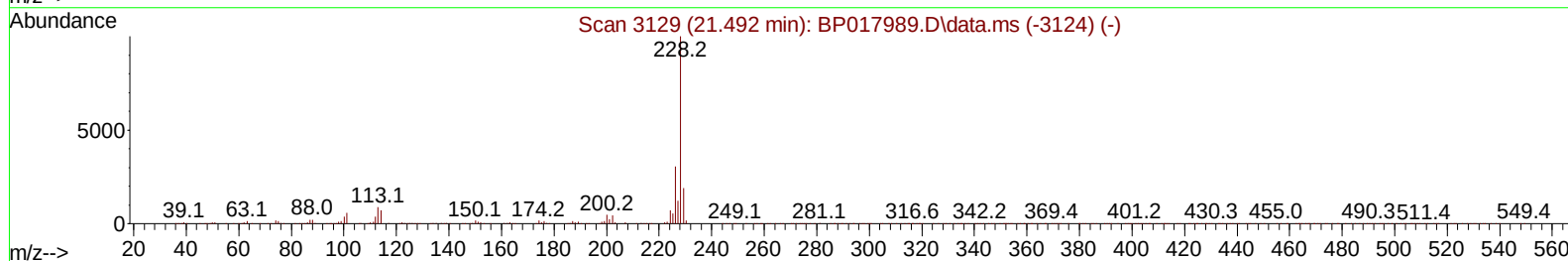
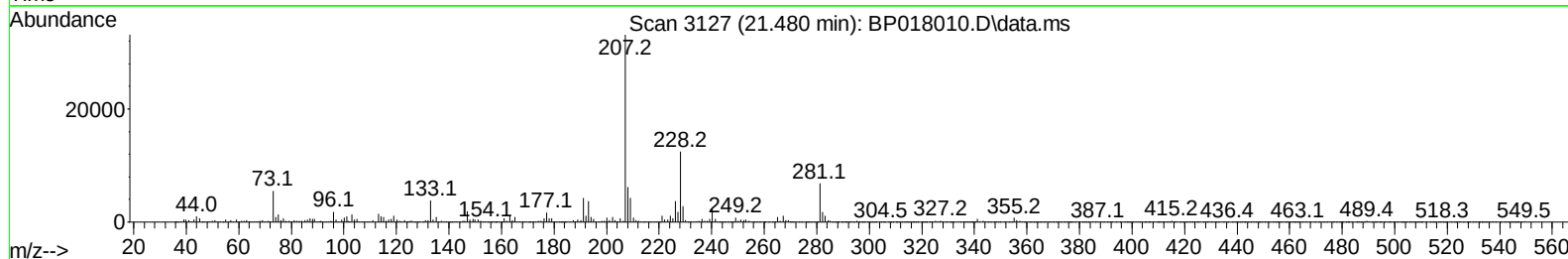
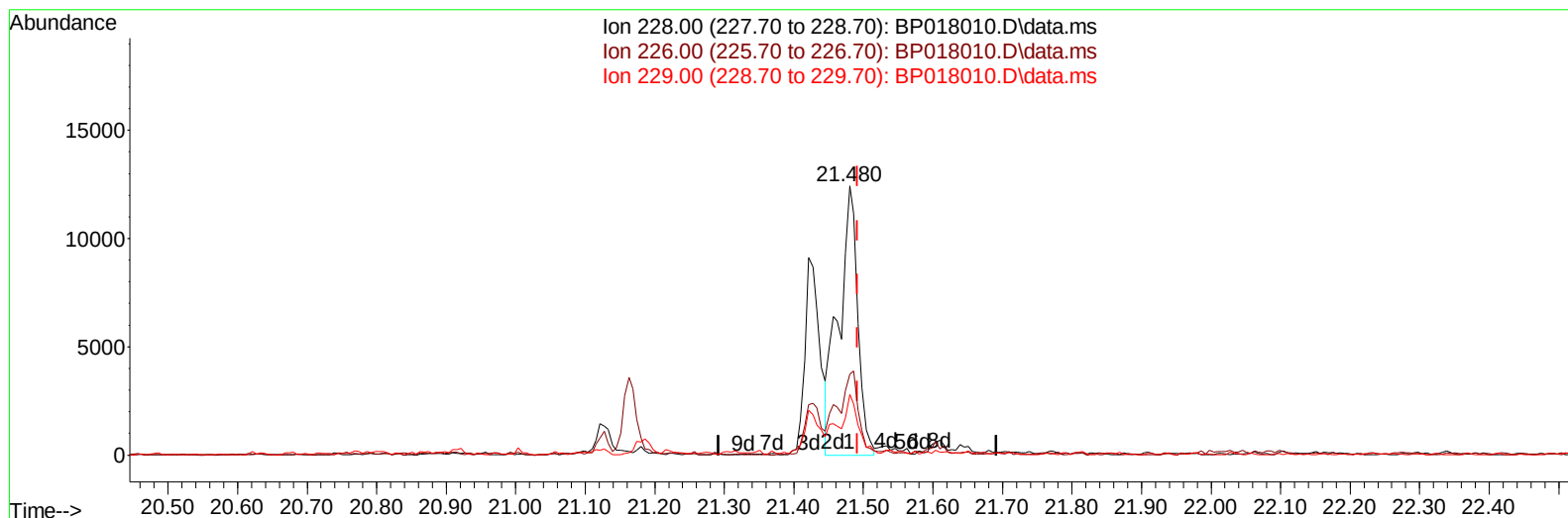
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
 Data File : BP018010.D
 Acq On : 10 Nov 2023 03:28
 Operator : MA/JU
 Sample : 05091-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCK12

Manual IntegrationsAPPROVED

Quant Time: Nov 10 04:02:27 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: BP018010.D\data.ms

(87) Chrysene

21.480min (-0.012) 1.41 ng/ul m

response 23723

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.50	30.10
229.00	19.20	22.48
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
 Data File : BP018010.D
 Acq On : 10 Nov 2023 03:28
 Operator : MA/JU
 Sample : 05091-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCK12

Manual IntegrationsAPPROVED

Quant Time: Nov 10 04:16:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.MA.M
 Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	37548	20.000	ng/ul	0.00
20) Naphthalene-d8	10.687	136	151214	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.539	164	91608	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.316	188	213782	20.000	ng/ul	0.00
79) Chrysene-d12	21.439	240	222171	20.000	ng/ul	-0.01
88) Perylene-d12	23.951	264	252765	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	1821	1.660	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.040	99	25609	7.258	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	17029	7.967	ng/ul	0.00
11) 2-Chlorophenol-d4	7.393	132	22331	7.910	ng/ul	0.00
15) 4-Methylphenol-d8	8.604	113	11855m	4.189	ng/ul	0.01
21) Nitrobenzene-d5	9.081	128	10063m	7.431	ng/ul	0.00
24) 2-Nitrophenol-d4	9.793	143	10751m	7.134	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.334	165	16923	6.268	ng/ul	0.02
31) 4-Chloroaniline-d4	10.893	131	16253m	4.393	ng/ul	0.02
46) Dimethylphthalate-d6	13.963	166	76671	9.105	ng/ul	0.00
49) Acenaphthylene-d8	14.239	160	76581	8.482	ng/ul	0.00
54) 4-Nitrophenol-d4	14.857	143	5550m	4.500	ng/ul	0.06
60) Fluorene-d10	15.539	176	64401	9.227	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.704	200	7105	4.760	ng/ul	0.00
73) Anthracene-d10	17.422	188	102794	8.974	ng/ul	0.00
81) Pyrene-d10	19.669	212	147967	10.348	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.786	264	146134	9.947	ng/ul	-0.01
Target Compounds						
					Qvalue	
80) Fluoranthene	19.339	202	23991	1.450	ng/ul	99
82) Pyrene	19.698	202	29243m	1.672	ng/ul	
87) Chrysene	21.480	228	23723m	1.410	ng/ul	
90) Benzo(b)fluoranthene	23.174	252	34823	1.917	ng/ul#	92

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
Data File : BP018010.D
Acq On : 10 Nov 2023 03:28
Operator : MA/JU
Sample : 05091-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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