

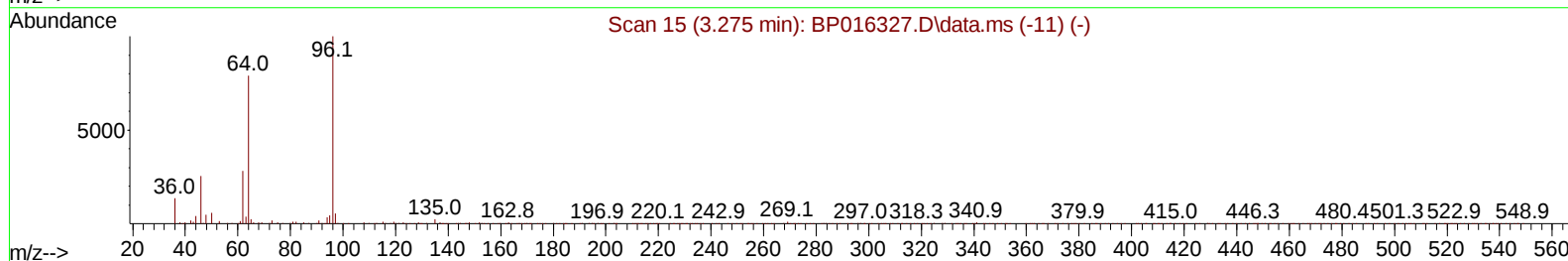
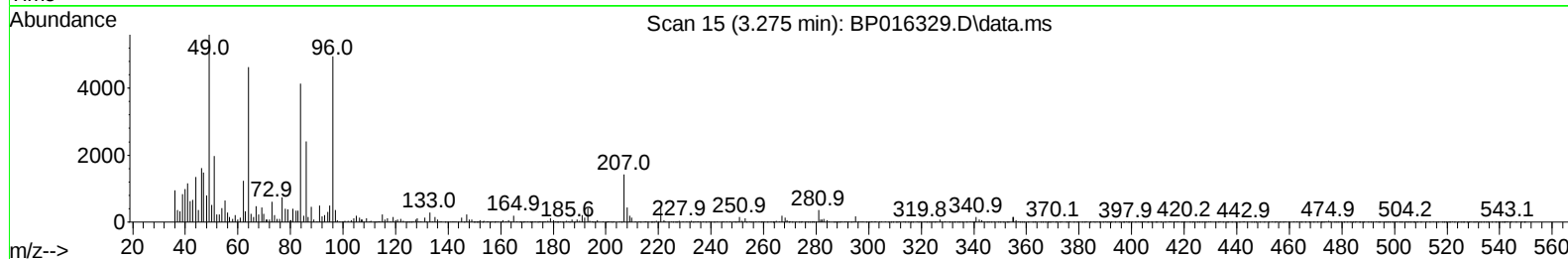
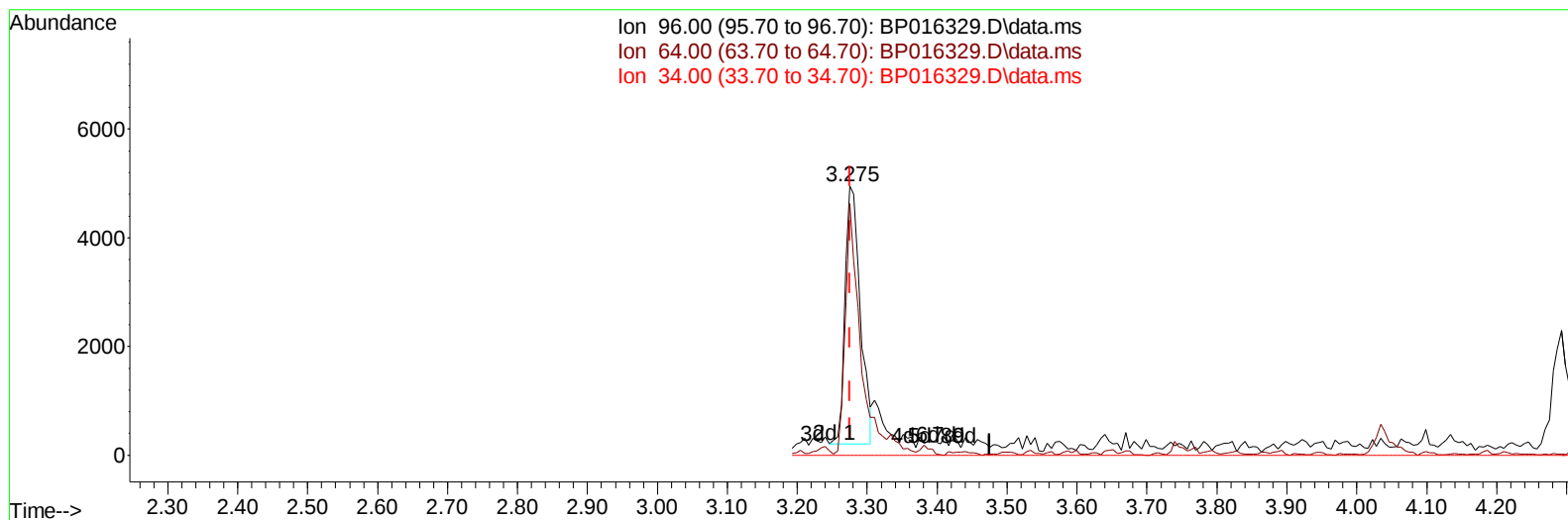
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016329.D
Acq On : 19 Jul 2023 18:11
Operator : MA/JU
Sample : 03472-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46Q3

Manual IntegrationsAPPROVED

Quant Time: Jul 19 22:42:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 19 14:47:57 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



TIC: BP016329.D\data.ms

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

3.275min (-0.000) 2.83 ng/uL

response 7316

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	75.90	93.50#
34.00	0.00	0.00
0.00	0.00	0.00

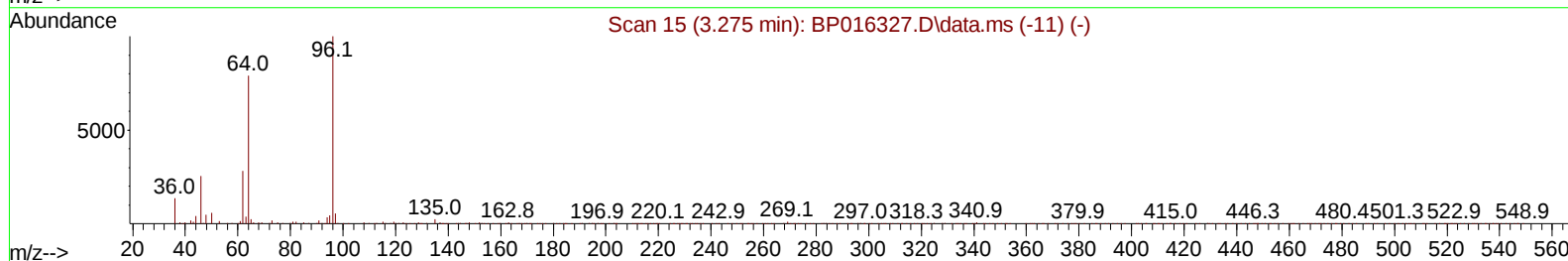
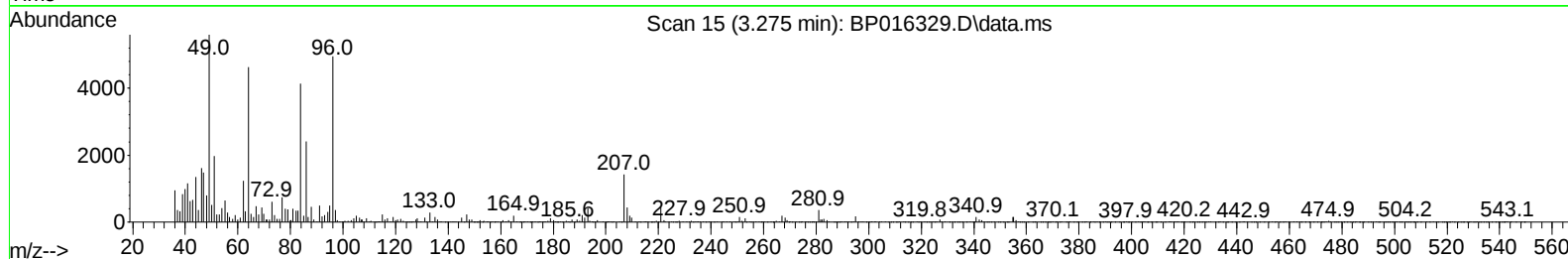
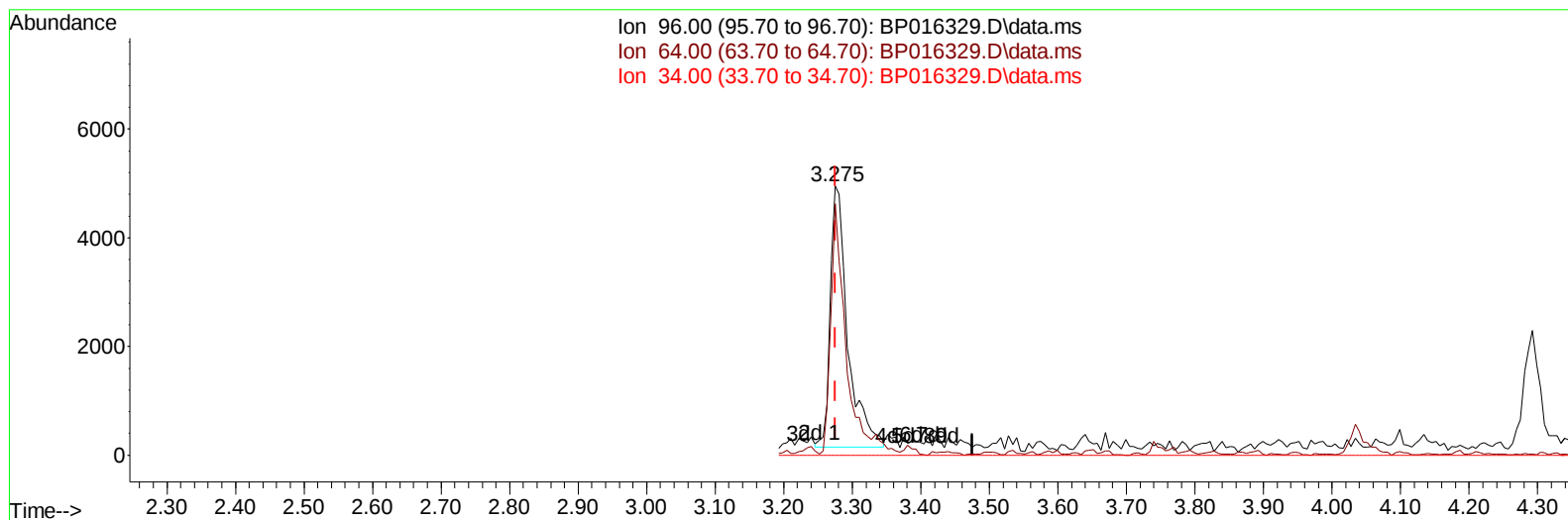
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
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 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46Q3

Manual IntegrationsAPPROVED

Quant Time: Jul 19 22:42:52 2023
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 QLast Update : Wed Jul 19 14:47:57 2023
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Reviewed By :Yogesh Patel 07/20/2023
 Supervised By :mohammad ahmed 07/20/2023



TIC: BP016329.D\data.ms

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

3.275min (-0.000) 3.29 ng/uL m

response 8498

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	75.90	93.50#
34.00	0.00	0.00
0.00	0.00	0.00

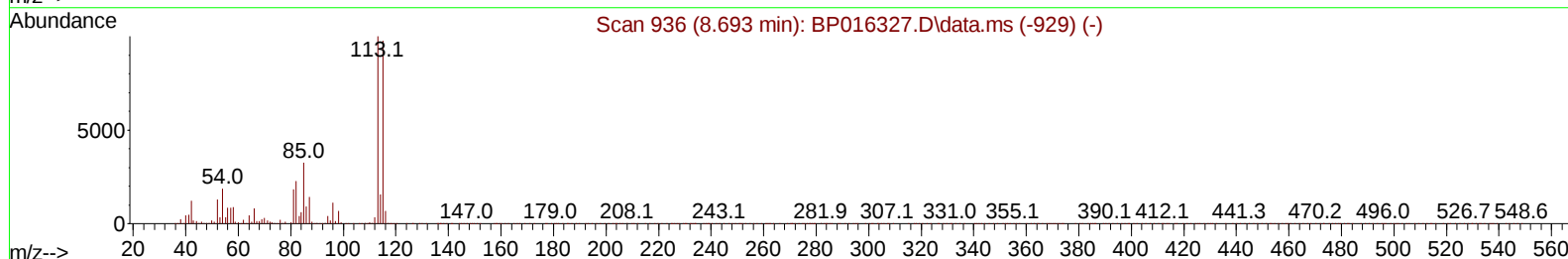
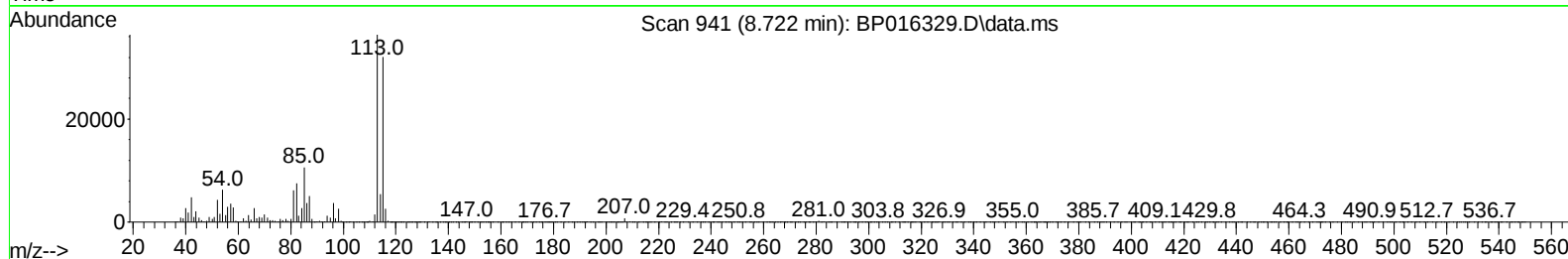
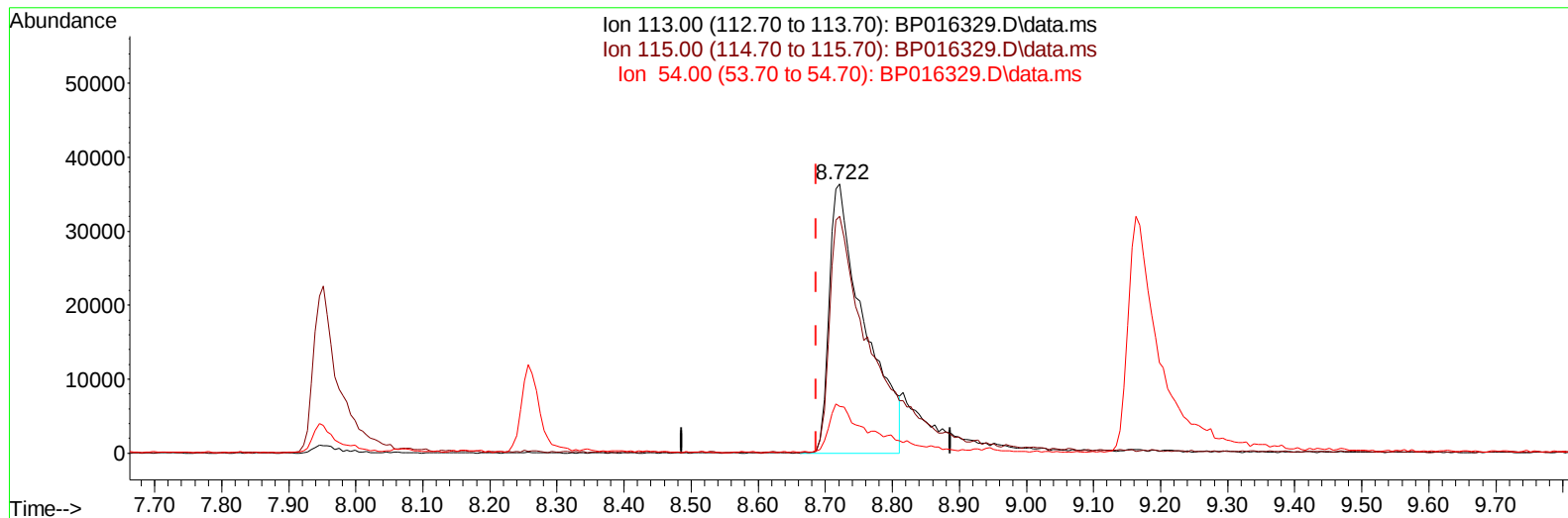
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016329.D
Acq On : 19 Jul 2023 18:11
Operator : MA/JU
Sample : 03472-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46Q3

Manual IntegrationsAPPROVED

Quant Time: Jul 19 23:02:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 19 14:47:57 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



TIC: BP016329.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.722min (+ 0.035) 19.75 ng/u1

response 131454

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	90.20	88.10
54.00	16.30	17.25
0.00	0.00	0.00

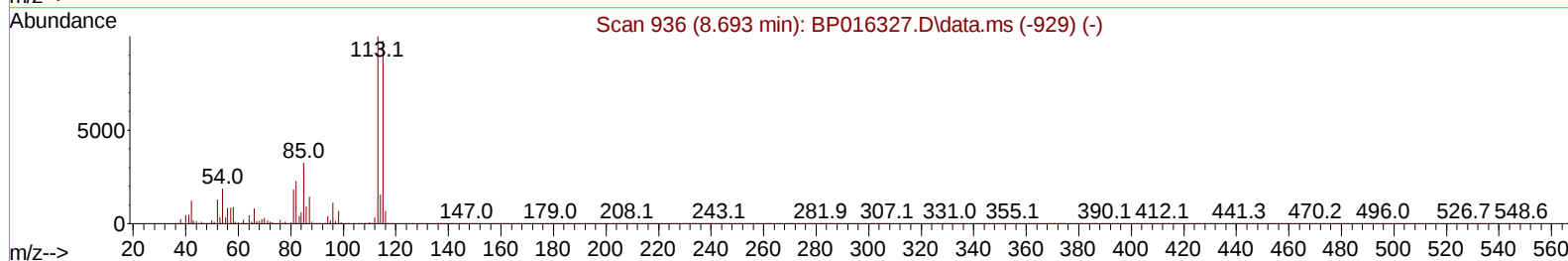
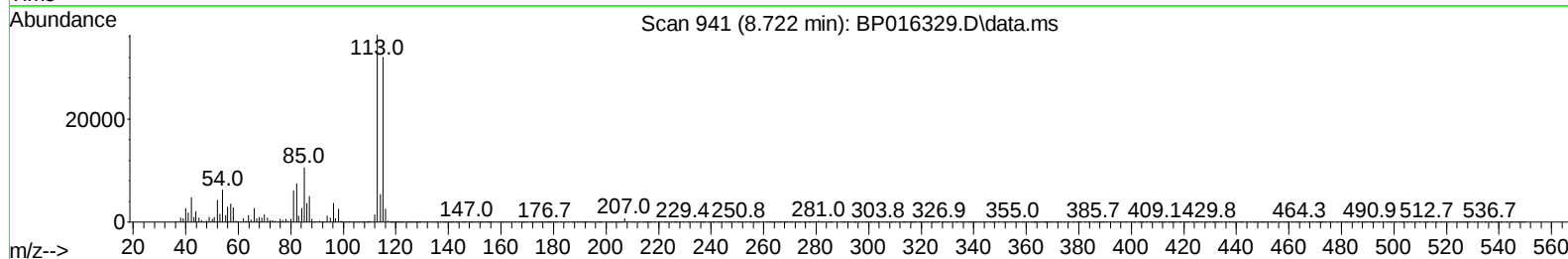
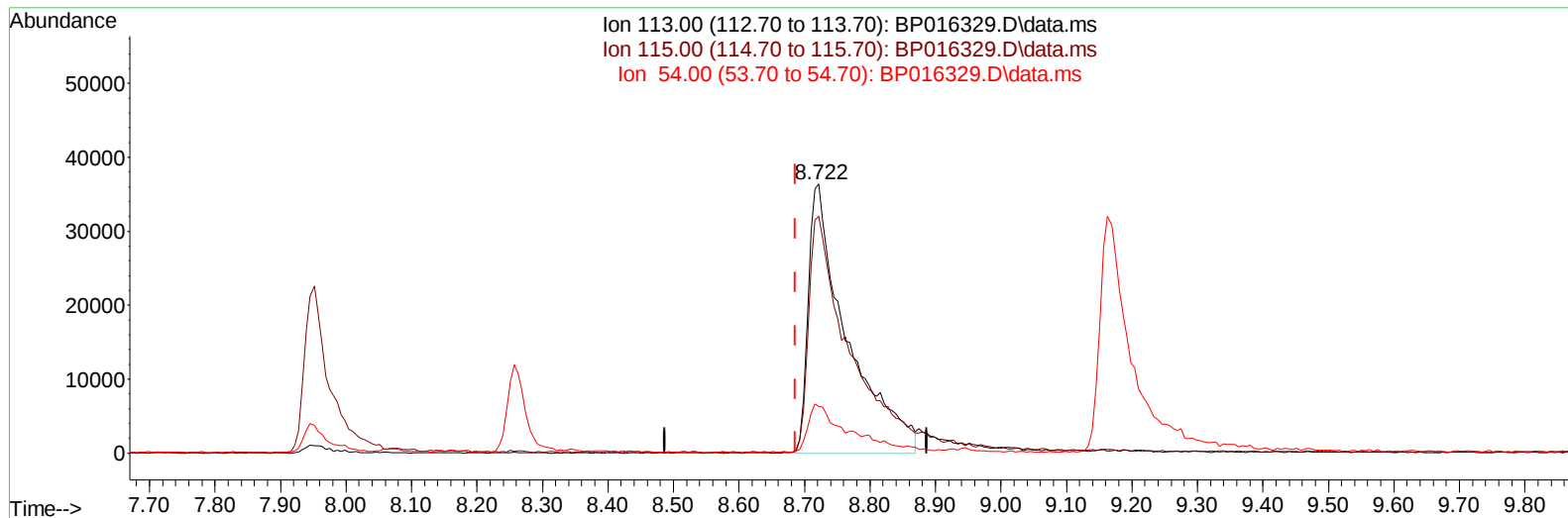
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016329.D
Acq On : 19 Jul 2023 18:11
Operator : MA/JU
Sample : 03472-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46Q3

Manual IntegrationsAPPROVED

Quant Time: Jul 19 23:02:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 19 14:47:57 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



TIC: BP016329.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.722min (+ 0.035) 22.45 ng/ul m

response 149437

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	90.20	88.10
54.00	16.30	17.25
0.00	0.00	0.00

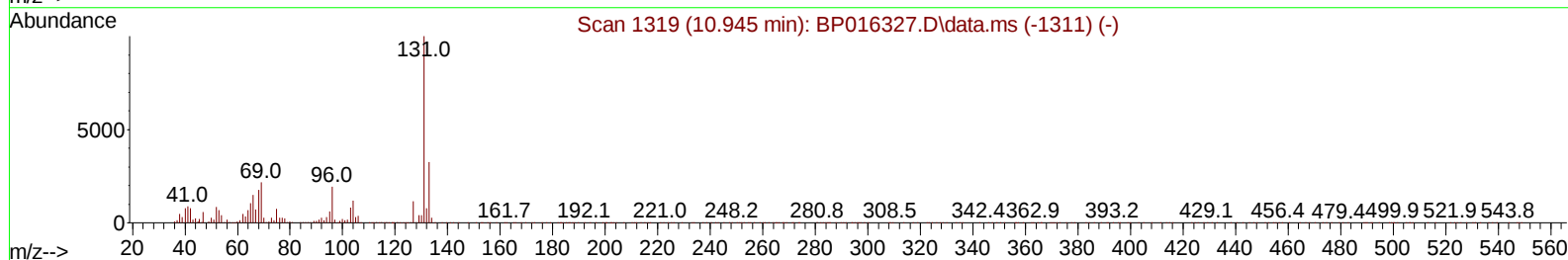
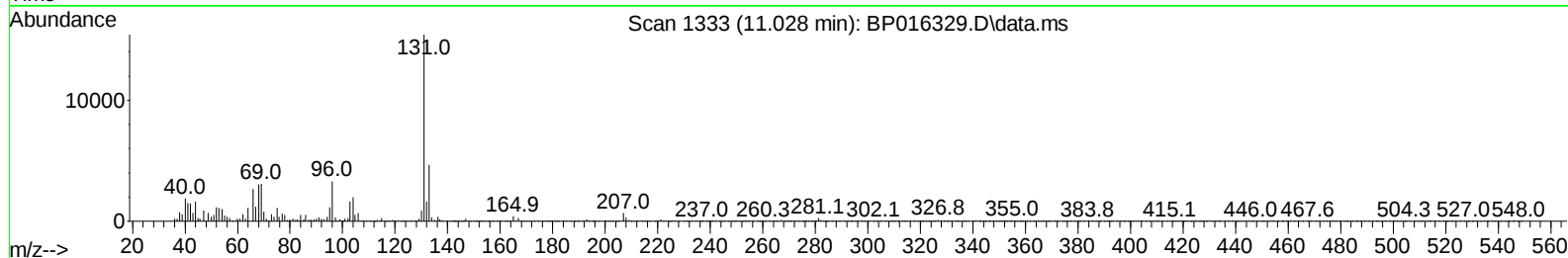
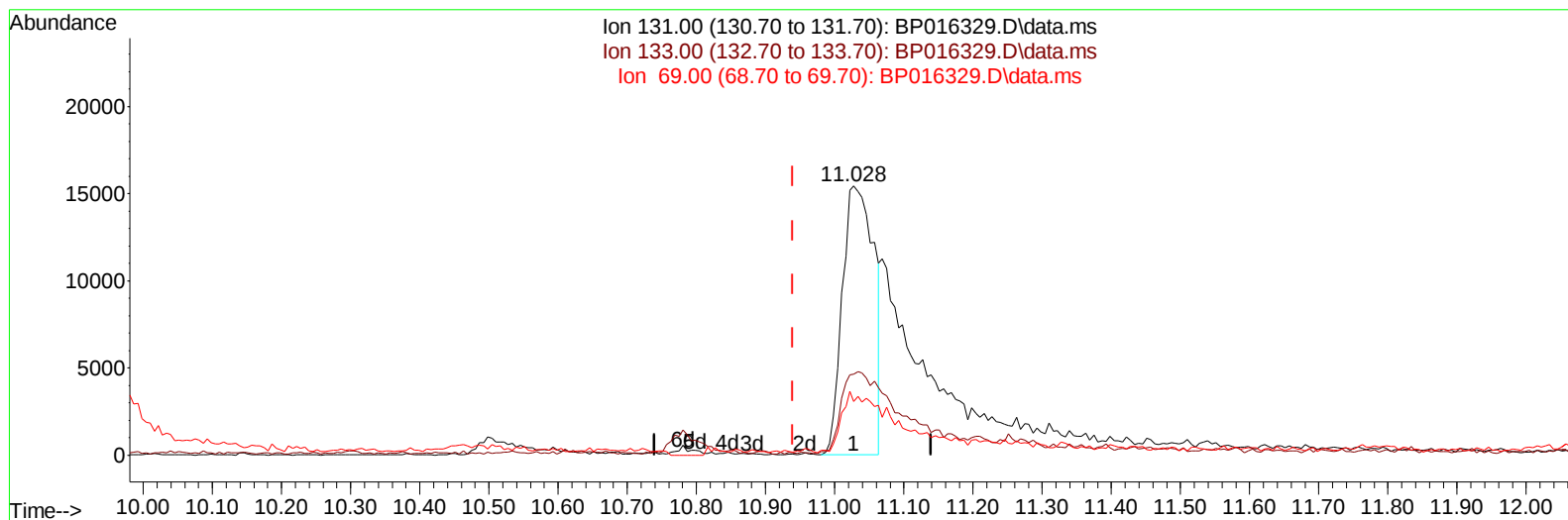
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
 Data File : BP016329.D
 Acq On : 19 Jul 2023 18:11
 Operator : MA/JU
 Sample : 03472-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46Q3

Manual IntegrationsAPPROVED

Quant Time: Jul 19 23:02:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
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Reviewed By :Yogesh Patel 07/20/2023
 Supervised By :mohammad ahmed 07/20/2023



TIC: BP016329.D\data.ms

(31) 4-Chloroaniline-d4 (S)

11.028min (+ 0.088) 5.16 ng/u1

response 48795

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	31.50	30.06
69.00	21.00	20.06
0.00	0.00	0.00

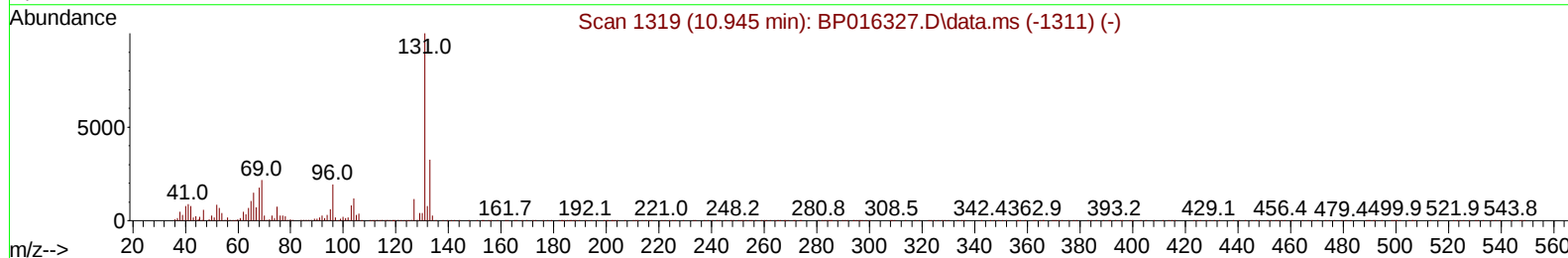
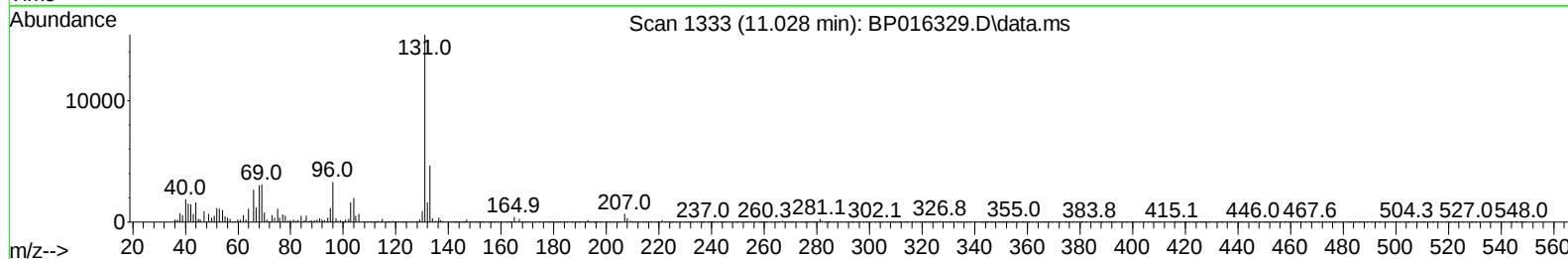
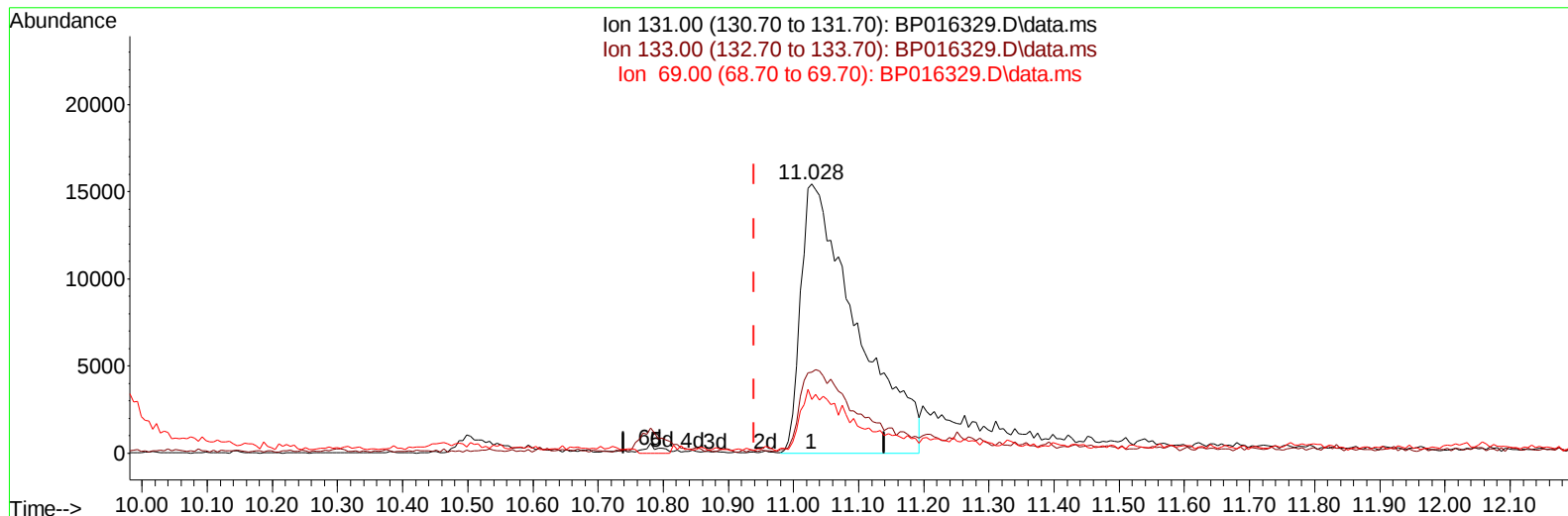
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
 Data File : BP016329.D
 Acq On : 19 Jul 2023 18:11
 Operator : MA/JU
 Sample : 03472-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46Q3

Manual IntegrationsAPPROVED

Quant Time: Jul 19 23:02:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 19 14:47:57 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/20/2023
 Supervised By :mohammad ahmed 07/20/2023



TIC: BP016329.D\data.ms

(31) 4-Chloroaniline-d4 (S)

11.028min (+ 0.088) 9.70 ng/ul m

response 91627

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	31.50	30.06
69.00	21.00	20.06
0.00	0.00	0.00

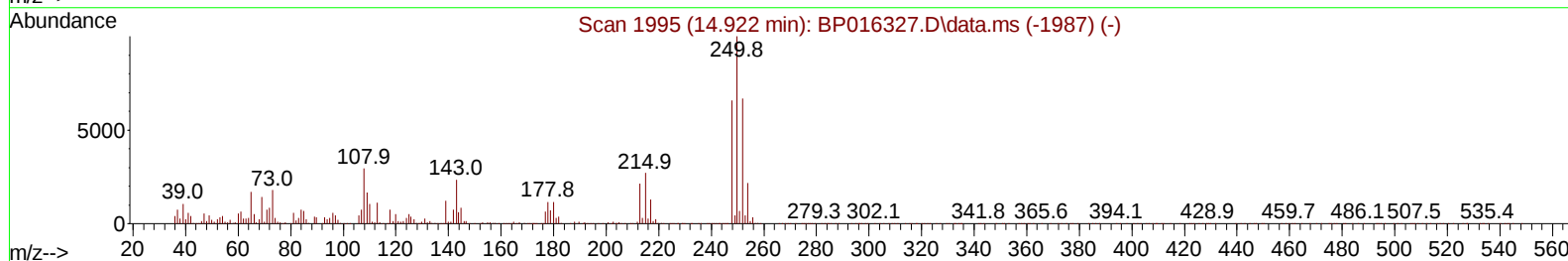
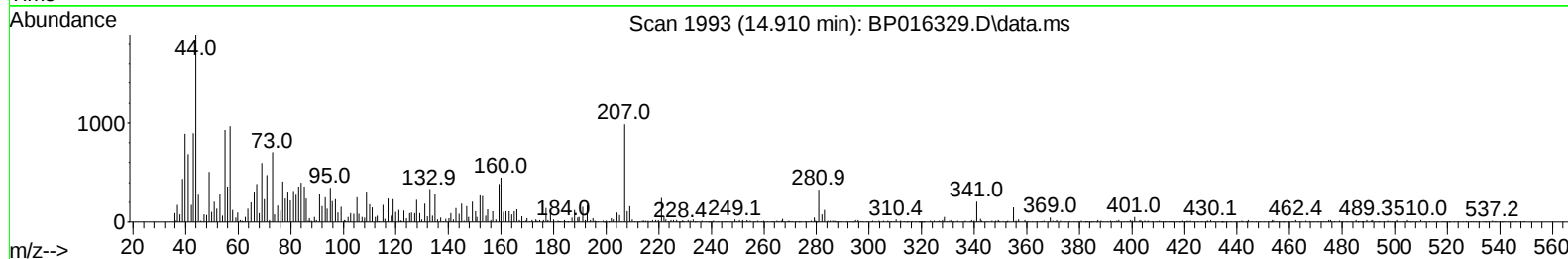
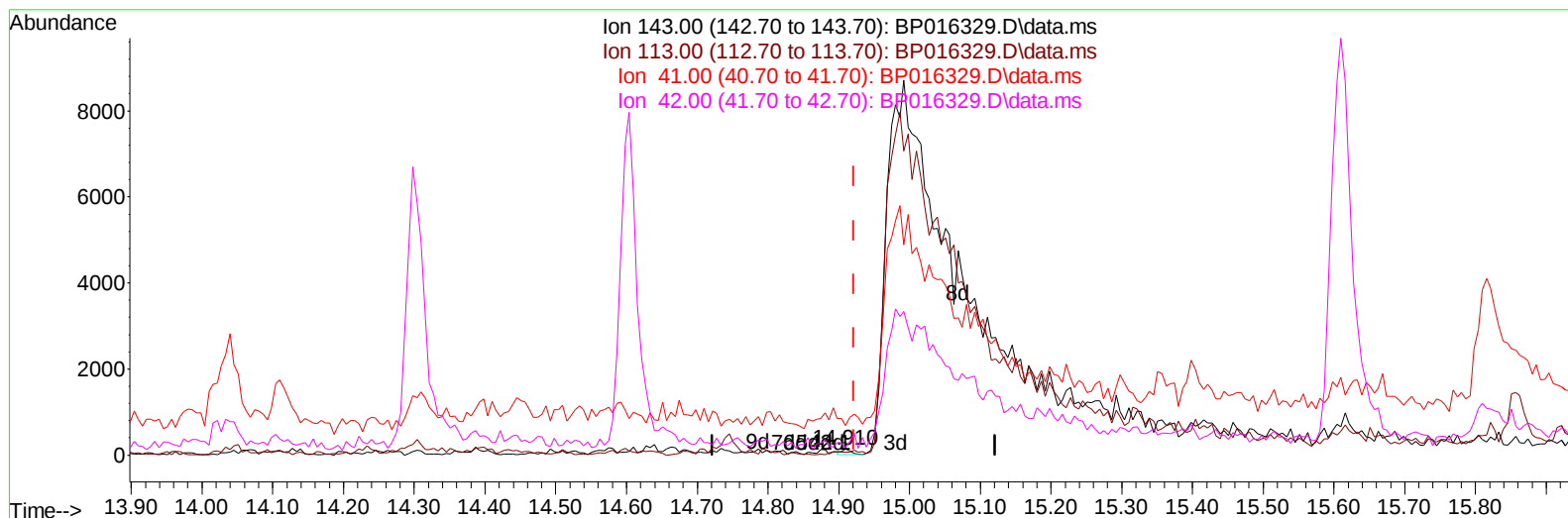
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
 Data File : BP016329.D
 Acq On : 19 Jul 2023 18:11
 Operator : MA/JU
 Sample : 03472-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46Q3

Manual IntegrationsAPPROVED

Quant Time: Jul 19 23:03:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 19 14:47:57 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/20/2023
 Supervised By :mohammad ahmed 07/20/2023



TIC: BP016329.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.910min (-0.012) 0.02 ng/u1

response 113

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	79.50	50.71#
41.00	49.30	490.00#
42.00	32.70	125.00#

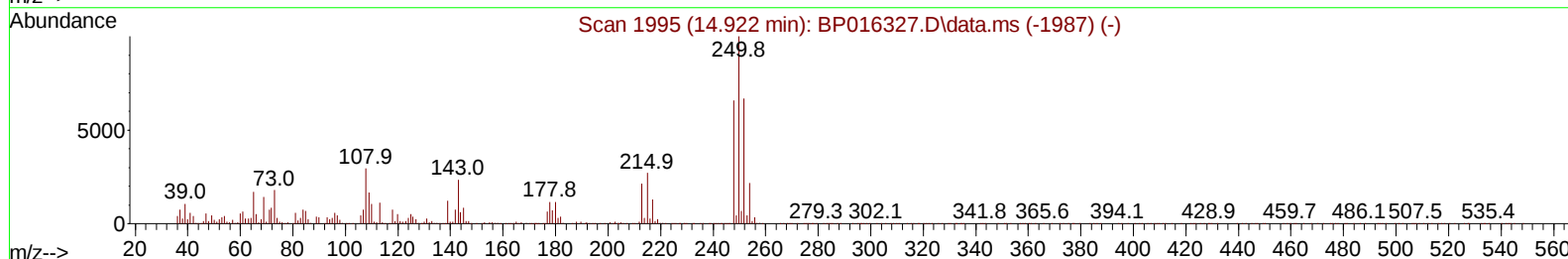
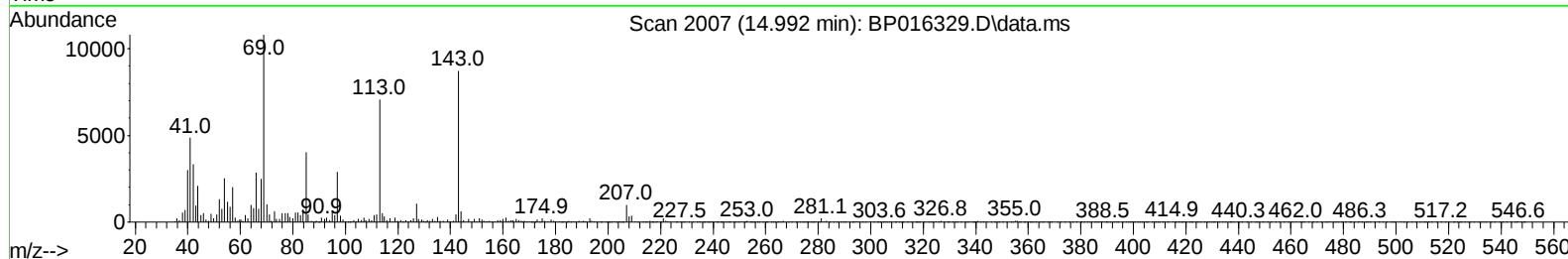
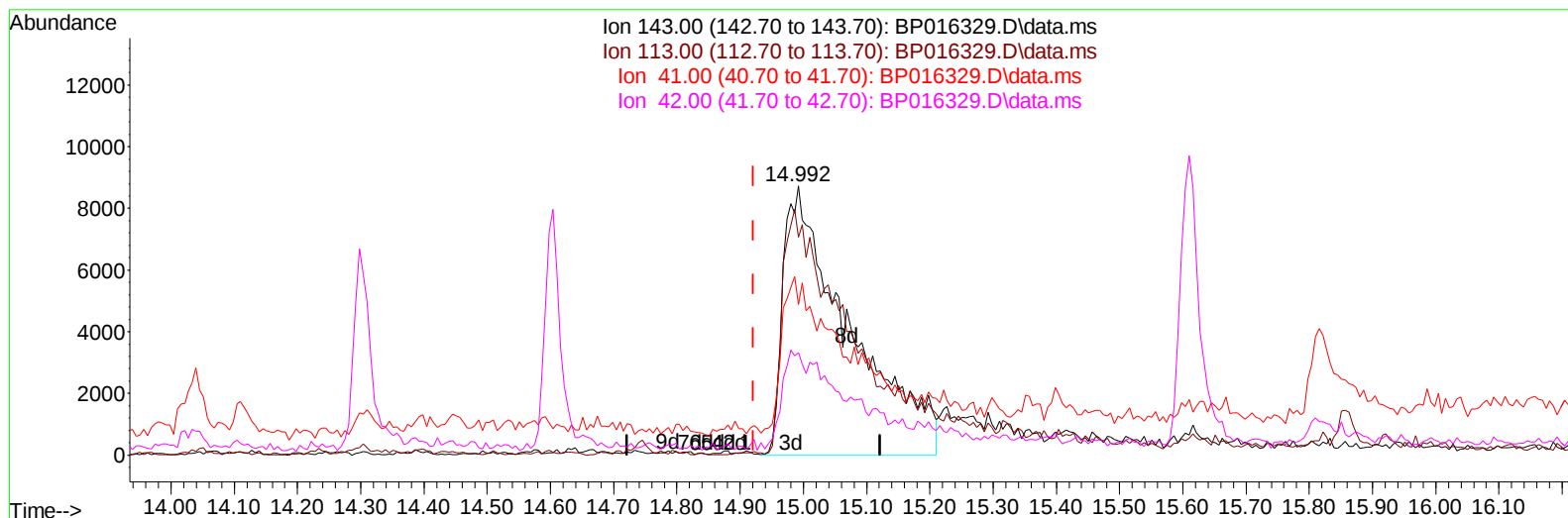
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
 Data File : BP016329.D
 Acq On : 19 Jul 2023 18:11
 Operator : MA/JU
 Sample : 03472-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46Q3

Manual IntegrationsAPPROVED

Quant Time: Jul 19 23:03:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 19 14:47:57 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/20/2023
 Supervised By :mohammad ahmed 07/20/2023



TIC: BP016329.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.992min (+ 0.070) 13.61 ng/ul m

response 63177

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	79.50	81.08
41.00	49.30	55.94
42.00	32.70	38.20

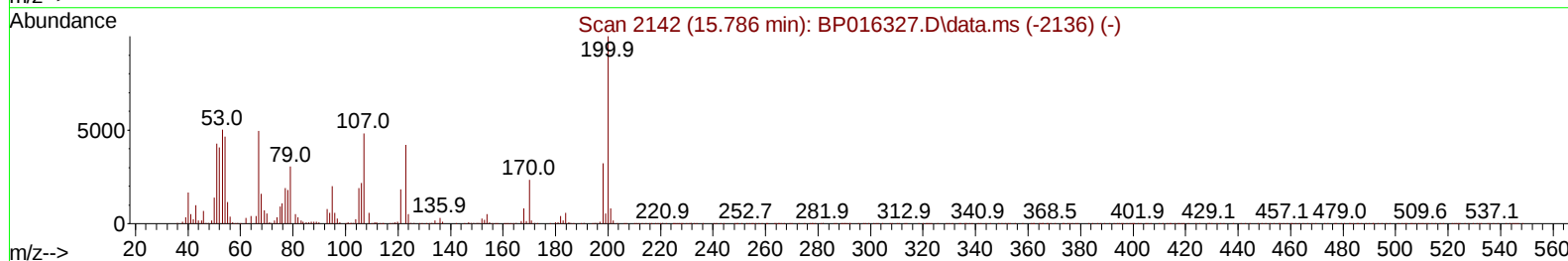
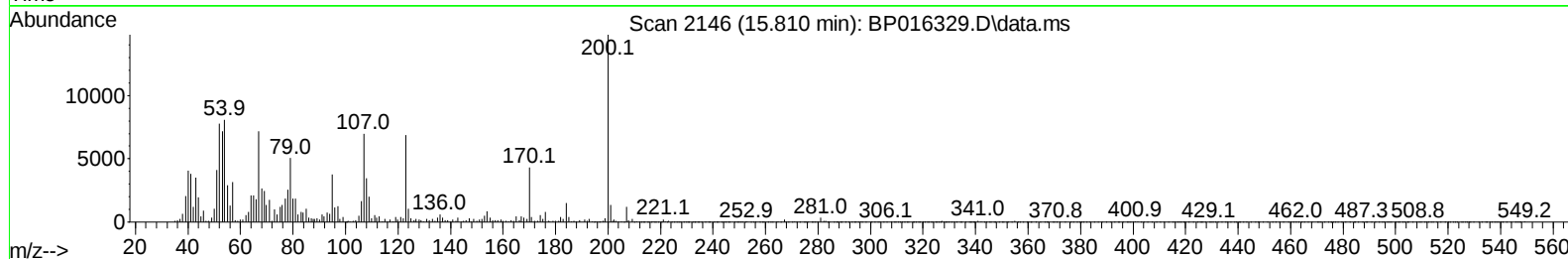
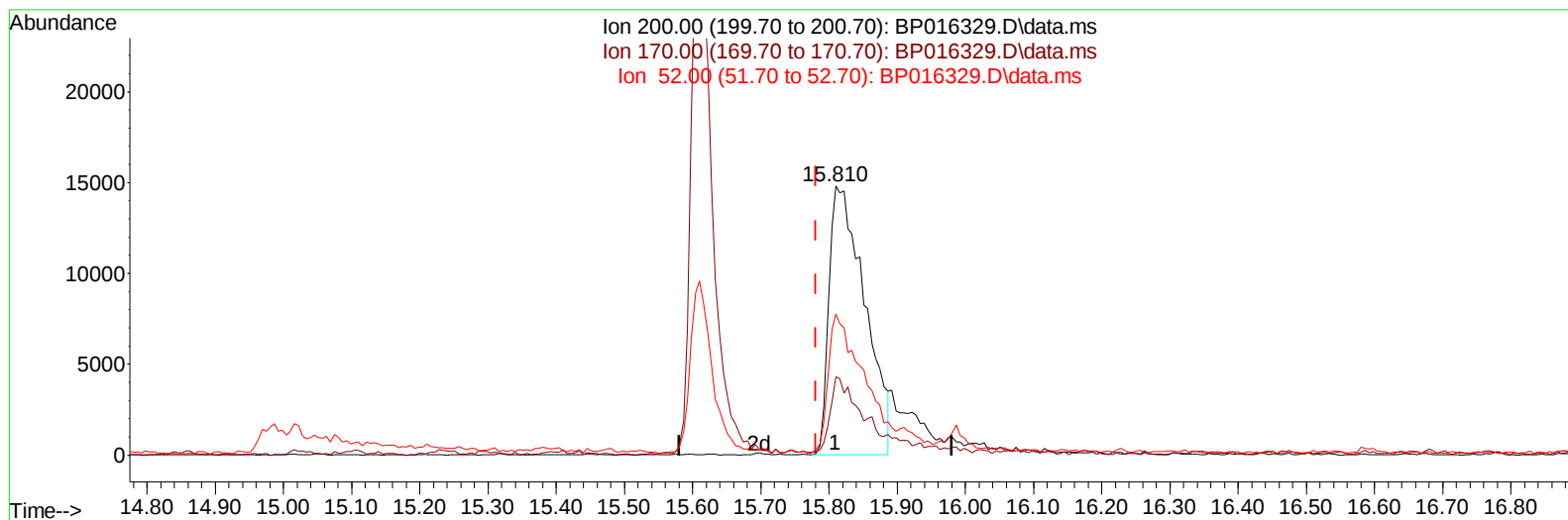
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Sample : 03472-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46Q3

Manual IntegrationsAPPROVED

Quant Time: Jul 19 23:03:39 2023
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Supervised By :mohammad ahmed 07/20/2023



TIC: BP016329.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.810min (+ 0.029) 13.15 ng/u1

response 53887

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.90	29.09#
52.00	58.00	52.38
0.00	0.00	0.00

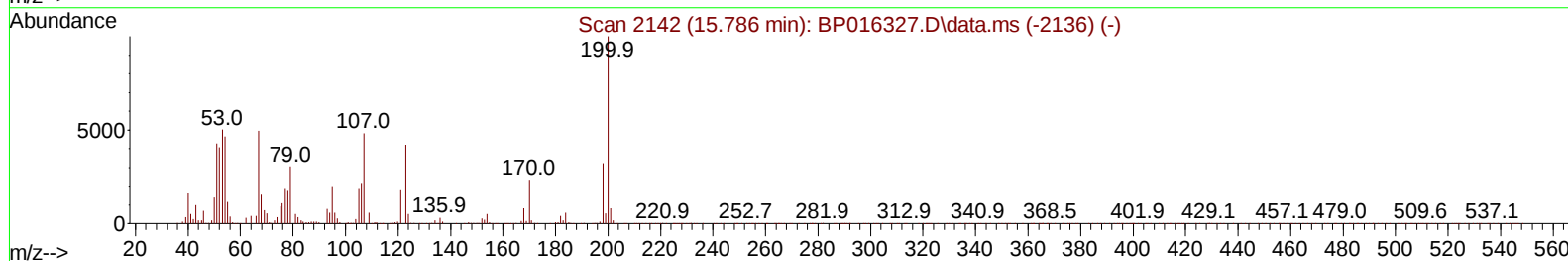
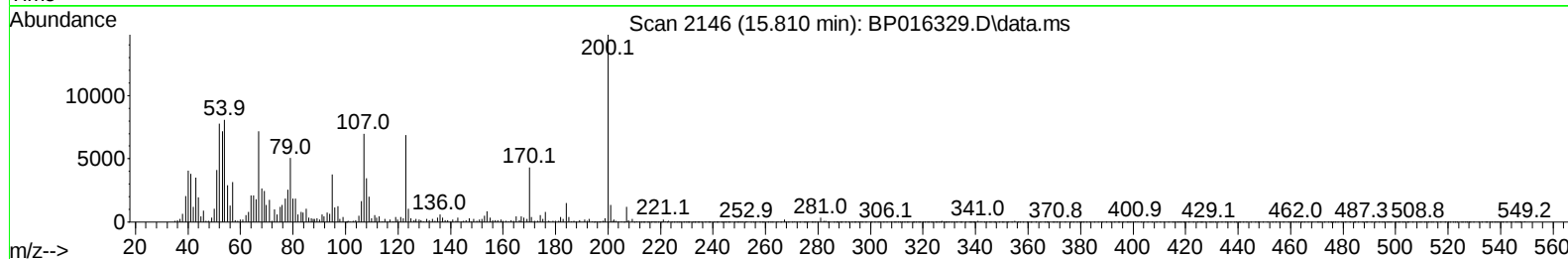
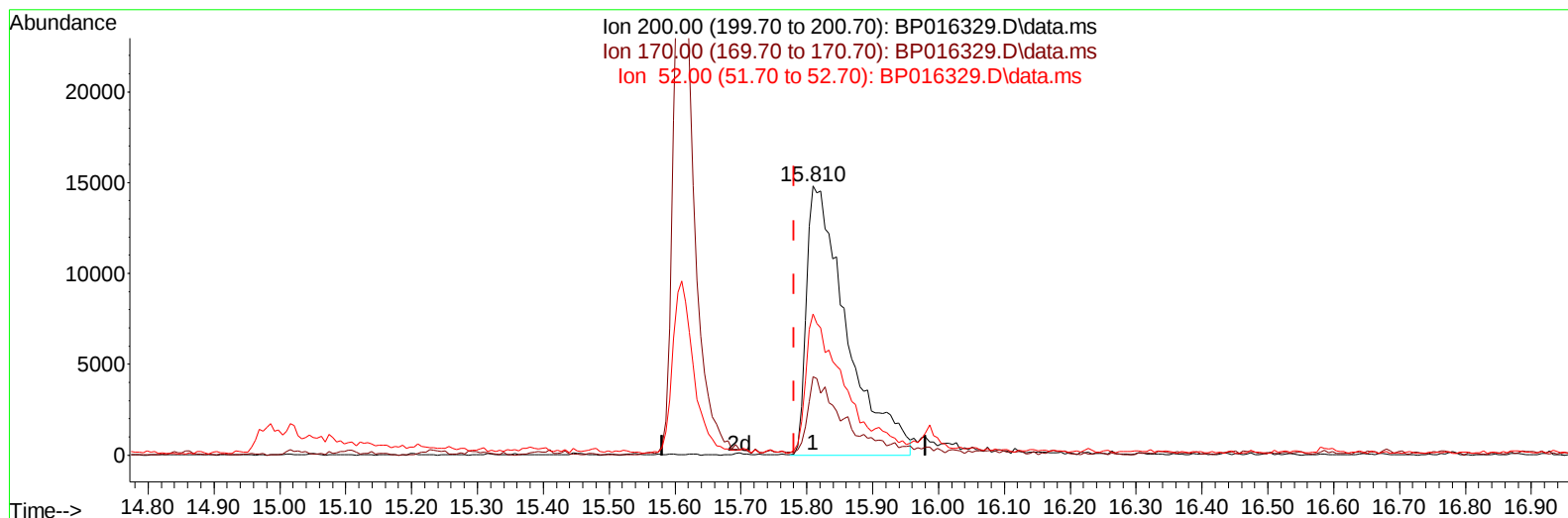
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016329.D
Acq On : 19 Jul 2023 18:11
Operator : MA/JU
Sample : 03472-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46Q3

Manual IntegrationsAPPROVED

Quant Time: Jul 19 23:03:39 2023
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Supervised By :mohammad ahmed 07/20/2023



TIC: BP016329.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.810min (+ 0.029) 15.28 ng/ul m

response 62635

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.90	29.09#
52.00	58.00	52.38
0.00	0.00	0.00

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 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46Q3

Manual IntegrationsAPPROVED

Quant Time: Jul 19 23:05:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	91478	20.000	ng/ul	0.00
20) Naphthalene-d8	10.775	136	432918	20.000	ng/ul	0.02
38) Acenaphthene-d10	14.604	164	298280	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.368	188	709952	20.000	ng/ul	0.00
79) Chrysene-d12	21.468	240	840441	20.000	ng/ul	0.00
88) Perylene-d12	23.950	264	1035230	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	8498m	3.287	ng/uL	0.00
4) Pyridine-d5	3.740	84	91350	14.169	ng/ul	0.02
7) Phenol-d5	7.163	99	170008	20.575	ng/ul	0.03
9) Bis-(2-Chloroethyl)eth...	7.287	67	108482	19.416	ng/ul	0.01
11) 2-Chlorophenol-d4	7.493	132	130727	21.917	ng/ul	0.02
15) 4-Methylphenol-d8	8.722	113	149437m	22.451	ng/ul	0.04
21) Nitrobenzene-d5	9.169	128	64418	21.568	ng/ul	0.04
24) 2-Nitrophenol-d4	9.904	143	76627	22.511	ng/ul	0.04
28) 2,4-Dichlorophenol-d3	10.504	165	129225	21.922	ng/ul	0.08
31) 4-Chloroaniline-d4	11.028	131	91627m	9.698	ng/ul	0.09
46) Dimethylphthalate-d6	14.027	166	607561	26.702	ng/ul	0.02
49) Acenaphthylene-d8	14.304	160	633063	25.388	ng/ul	0.01
54) 4-Nitrophenol-d4	14.992	143	63177m	13.605	ng/ul	0.07
60) Fluorene-d10	15.610	176	533993	28.043	ng/ul	0.02
65) 4,6-Dinitro-2-methylph...	15.810	200	62635m	15.283	ng/ul	0.03
73) Anthracene-d10	17.474	188	842605	27.133	ng/ul	0.00
81) Pyrene-d10	19.704	212	1217855	27.926	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.786	264	1410018	28.362	ng/ul	0.00
Target Compounds						
					Qvalue	
80) Fluoranthene	19.386	202	96928	1.901	ng/ul	98
82) Pyrene	19.739	202	96472	1.772	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.321	149	37916	1.081	ng/ul#	91
87) Chrysene	21.509	228	59551	1.074	ng/ul#	91
90) Benzo(b)fluoranthene	23.198	252	71922	1.216	ng/ul#	86

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

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A46Q3

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

Quant Time: Jul 19 23:05:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION
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