

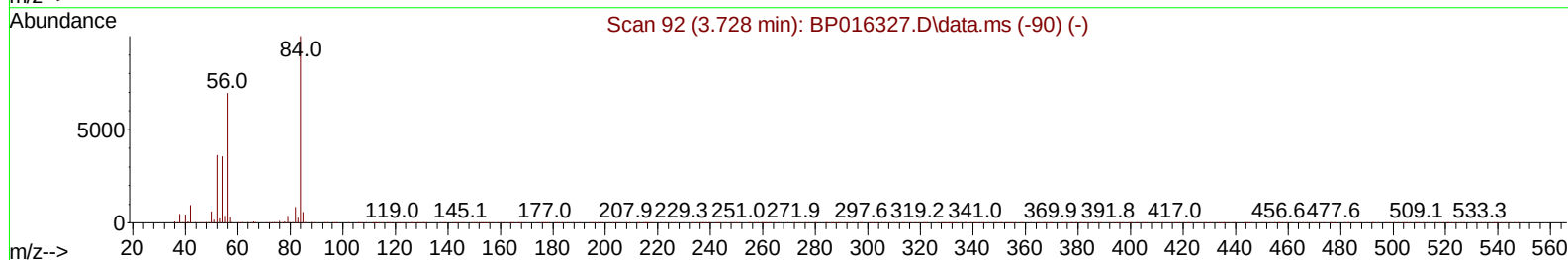
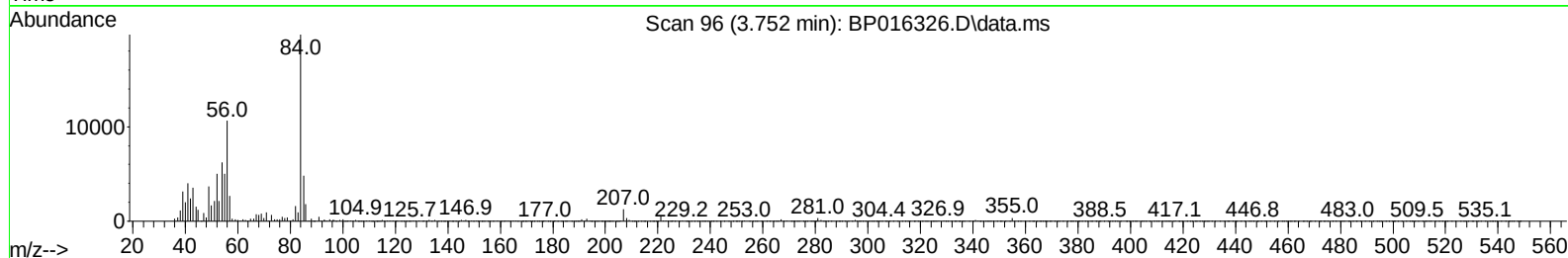
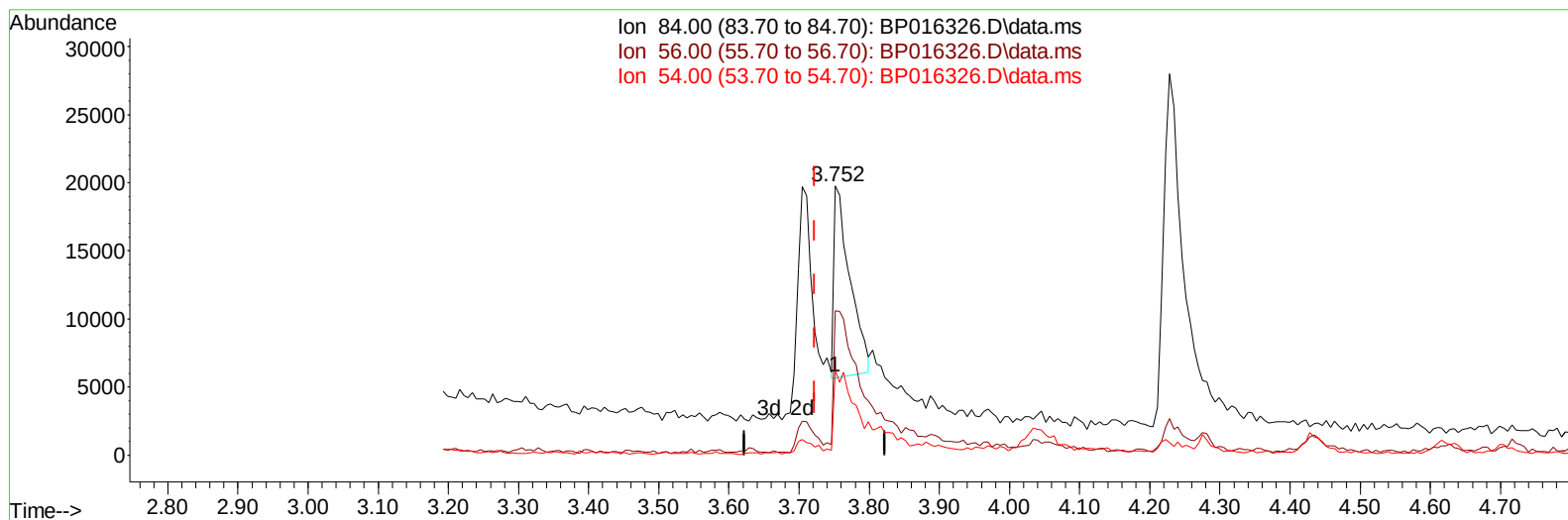
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016326.D
Acq On : 19 Jul 2023 15:55
Operator : MA/JU
Sample : 03501-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46X6

Manual IntegrationsAPPROVED

Quant Time: Jul 19 23:56:03 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: BP016326.D\data.ms

(4) Pyridine-d5 (S)

3.752min (+ 0.029) 3.15 ng/u1

response 22458

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	64.90	53.76
54.00	32.50	31.57
0.00	0.00	0.00

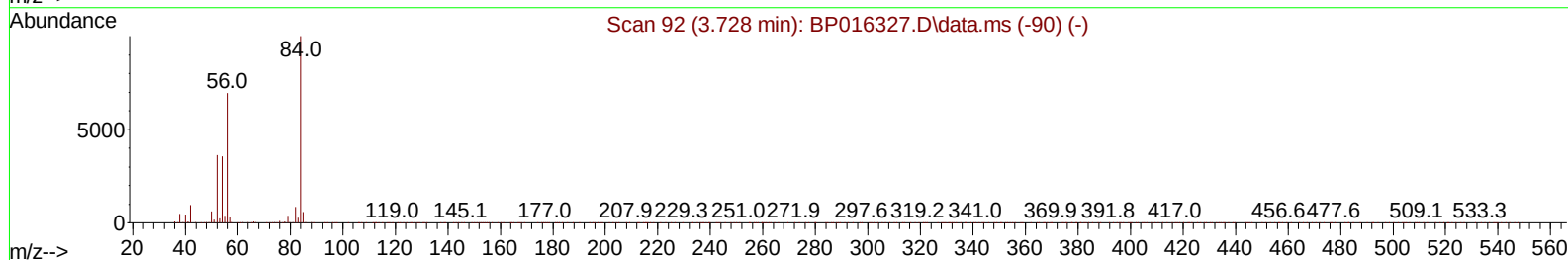
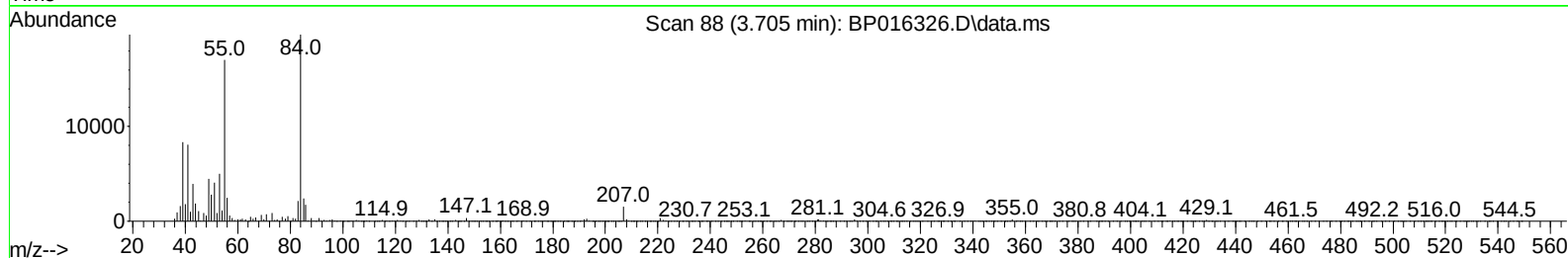
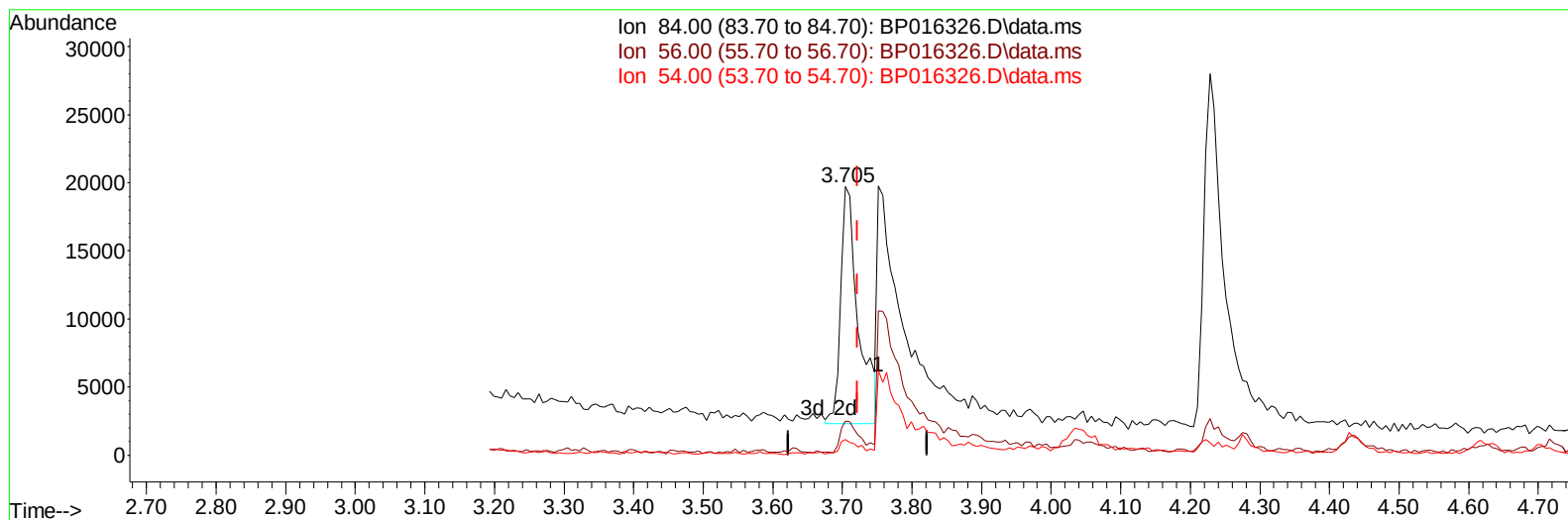
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
 Data File : BP016326.D
 Acq On : 19 Jul 2023 15:55
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 Misc :
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Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 07/20/2023
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TIC: BP016326.D\data.ms

(4) Pyridine-d5 (S)

3.705min (-0.018) 4.27 ng/ul m

response 30441

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	64.90	12.60#
54.00	32.50	5.74#
0.00	0.00	0.00

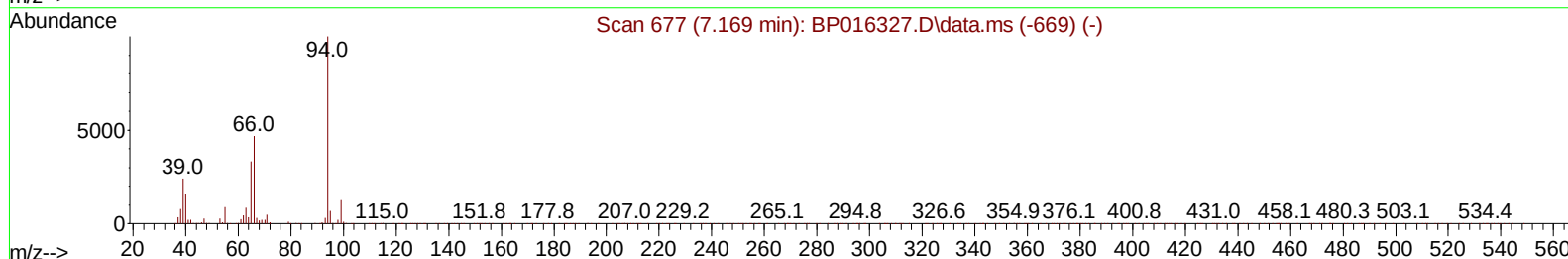
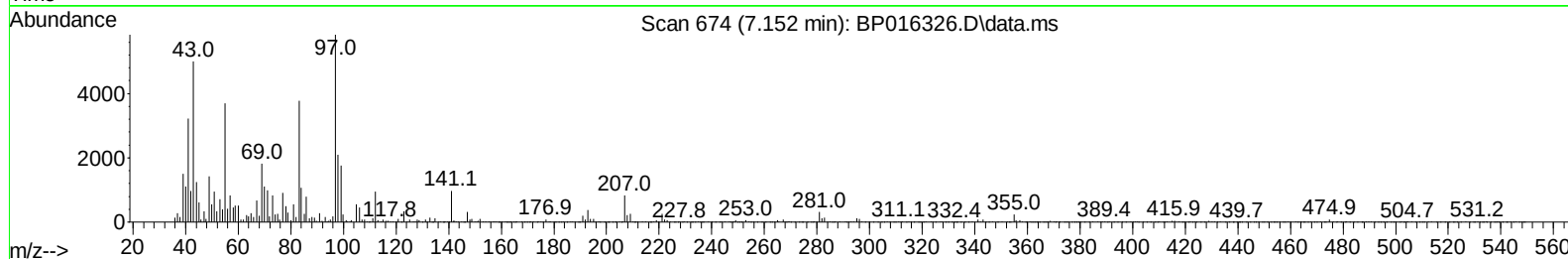
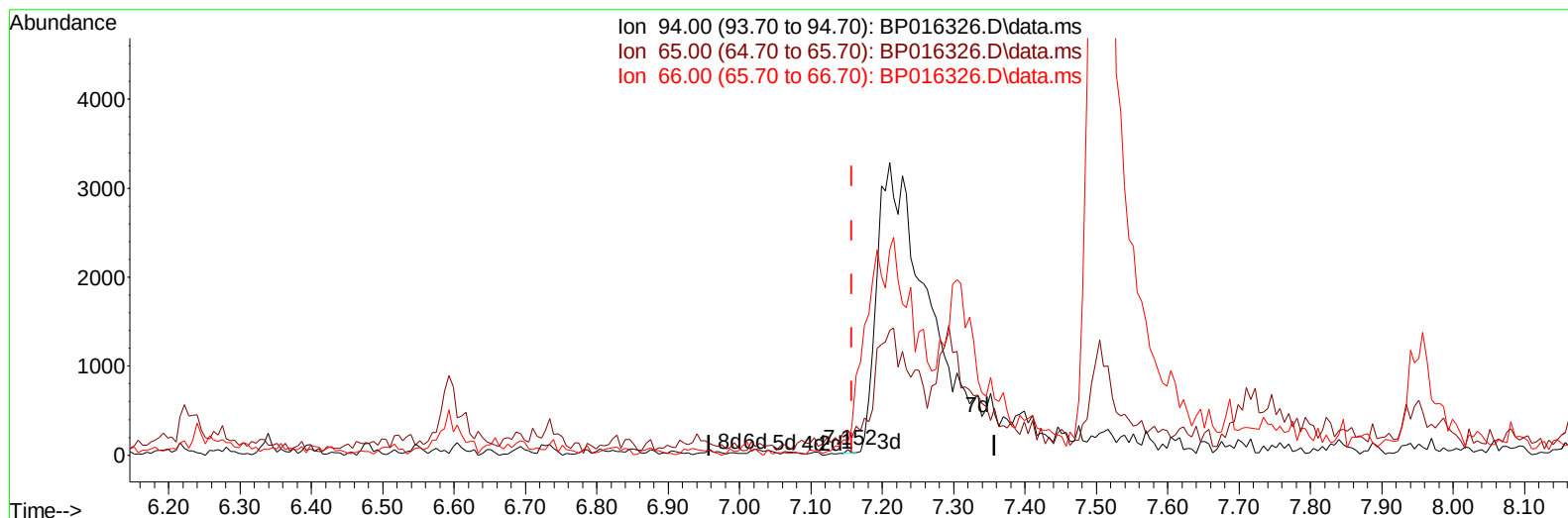
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
 Data File : BP016326.D
 Acq On : 19 Jul 2023 15:55
 Operator : MA/JU
 Sample : 03501-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jul 19 23:57:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
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 QLast Update : Wed Jul 19 14:47:57 2023
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TIC: BP016326.D\data.ms

(8) Phenol

7.152min (-0.006) 0.00 ng/u1

response 16

Ion	Exp%	Act%
94.00	100.00	100.00
65.00	31.90	481.36#
66.00	40.90	254.24#
0.00	0.00	0.00

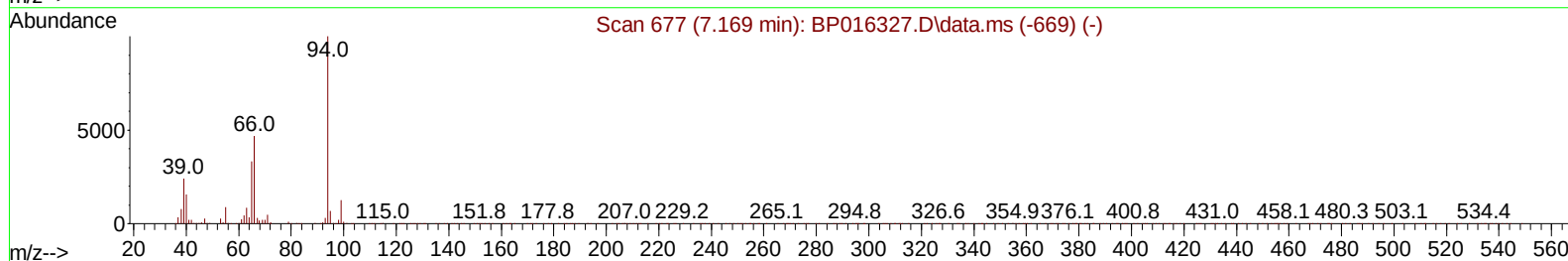
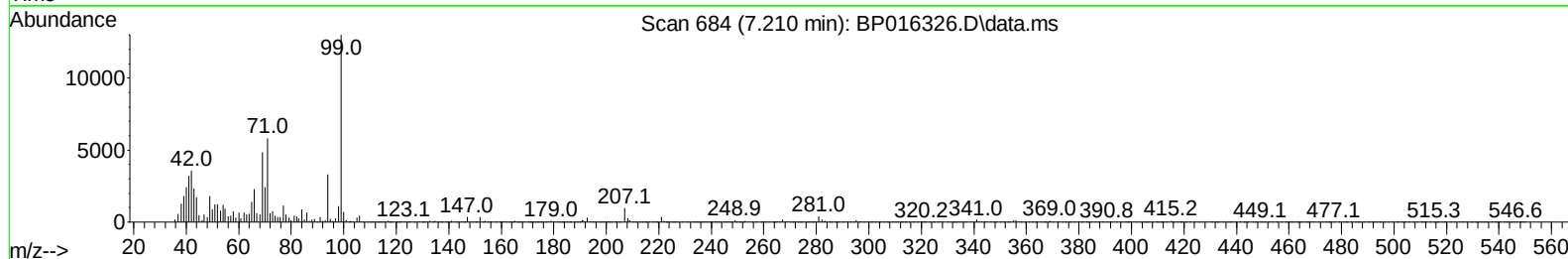
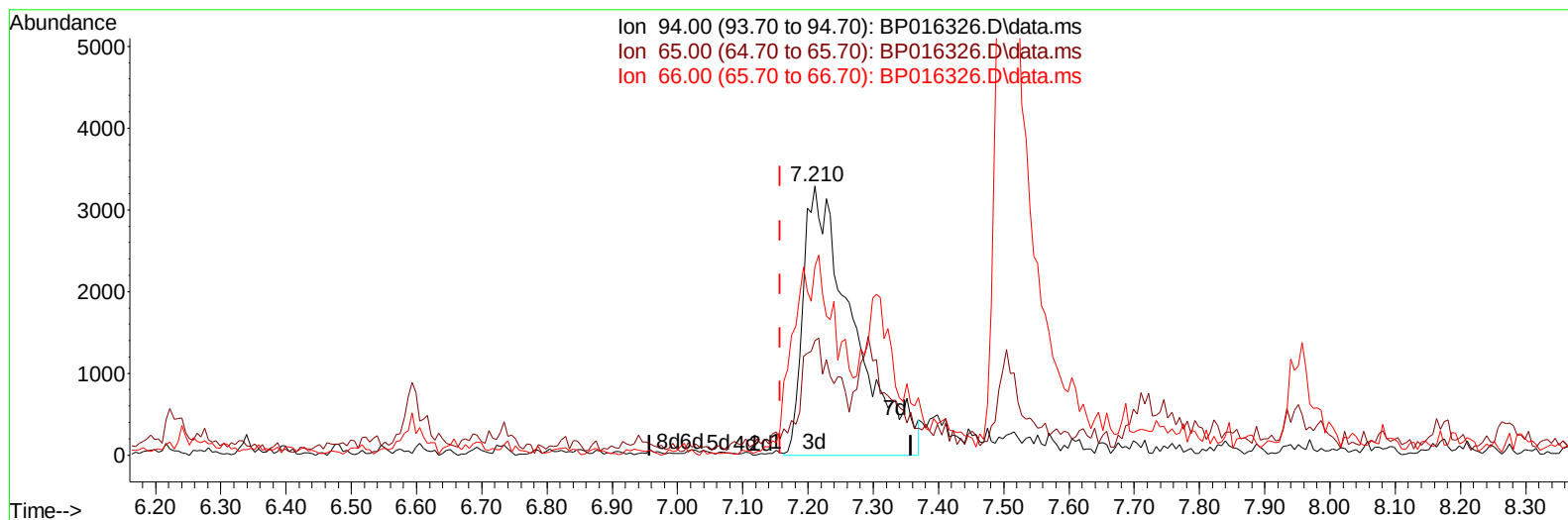
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
 Data File : BP016326.D
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Instrument :
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Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 07/20/2023
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TIC: BP016326.D\data.ms

(8) Phenol

7.210min (+ 0.053) 1.79 ng/ul m

response 17502

Ion	Exp%	Act%
94.00	100.00	100.00
65.00	31.90	42.49#
66.00	40.90	70.21#
0.00	0.00	0.00

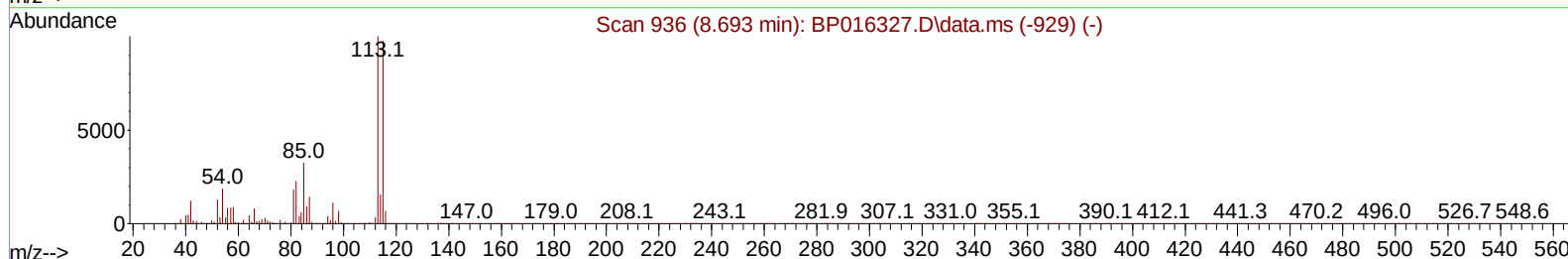
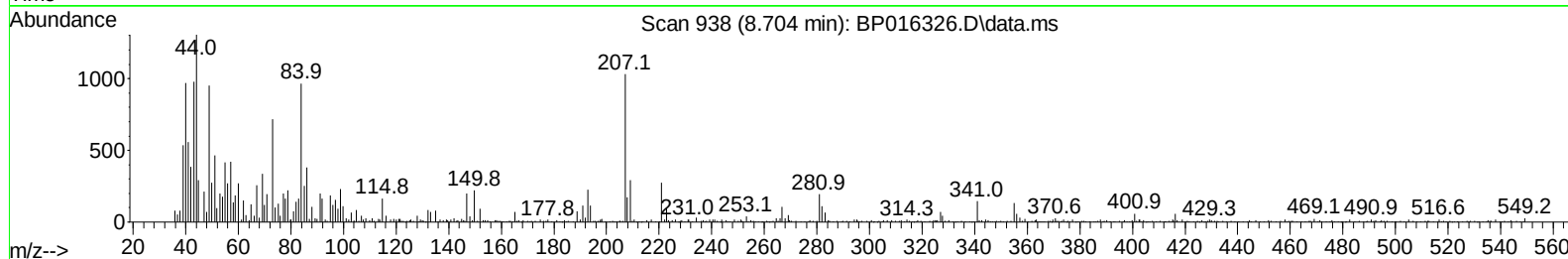
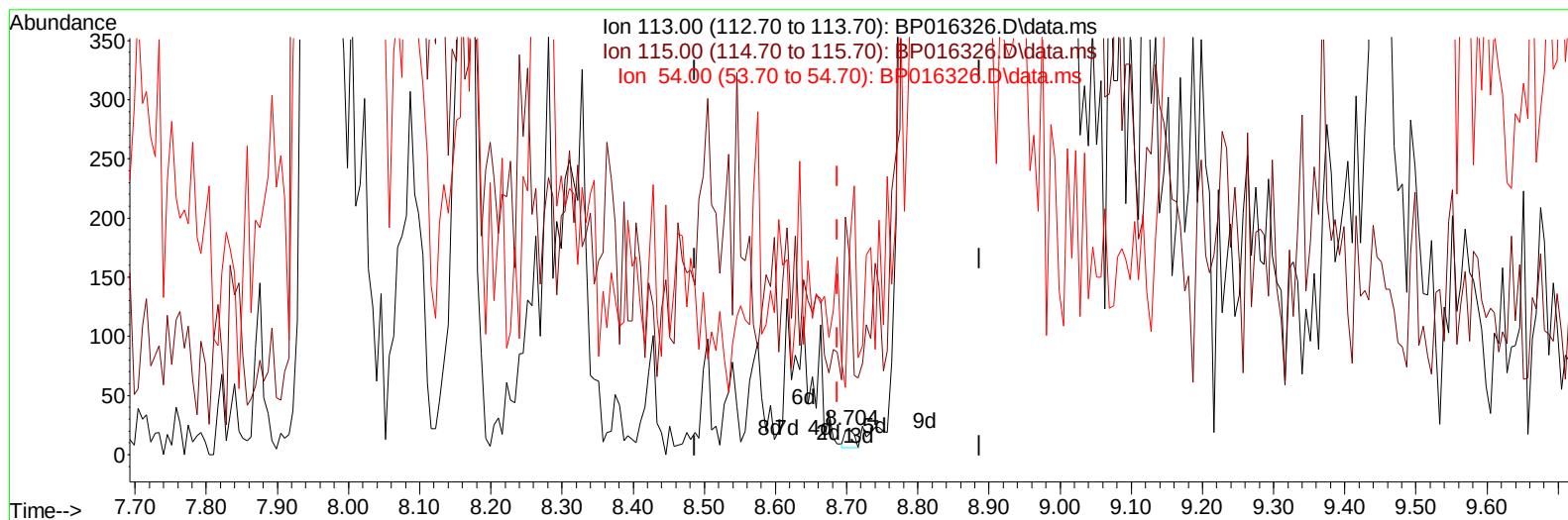
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
 Data File : BP016326.D
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 Operator : MA/JU
 Sample : 03501-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46X6

Manual IntegrationsAPPROVED

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TIC: BP016326.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.704min (+ 0.018) 0.00 ng/uL

response 14

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	90.20	780.95#
54.00	16.30	852.38#
0.00	0.00	0.00

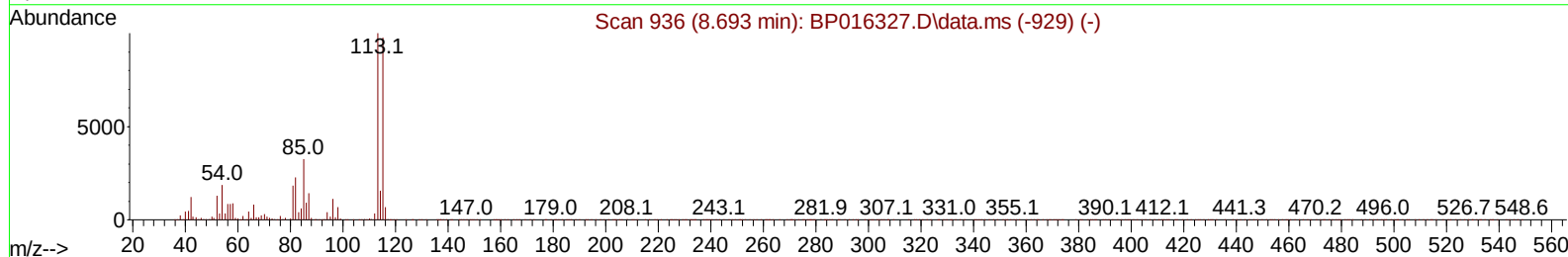
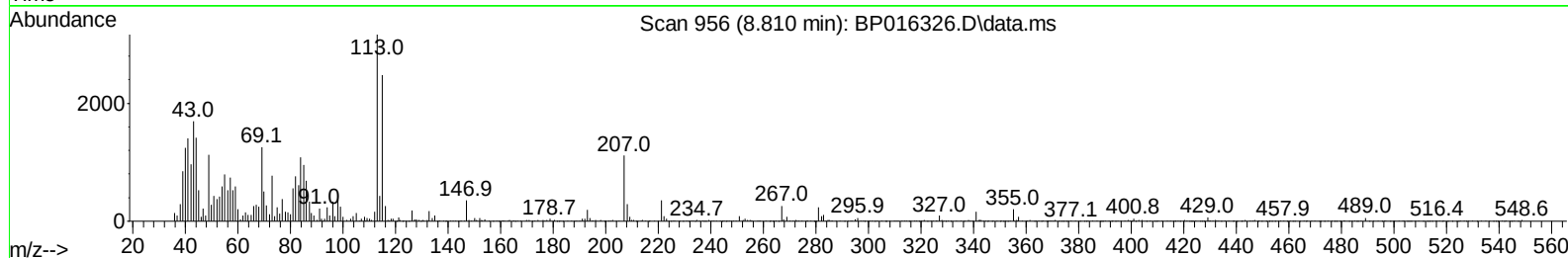
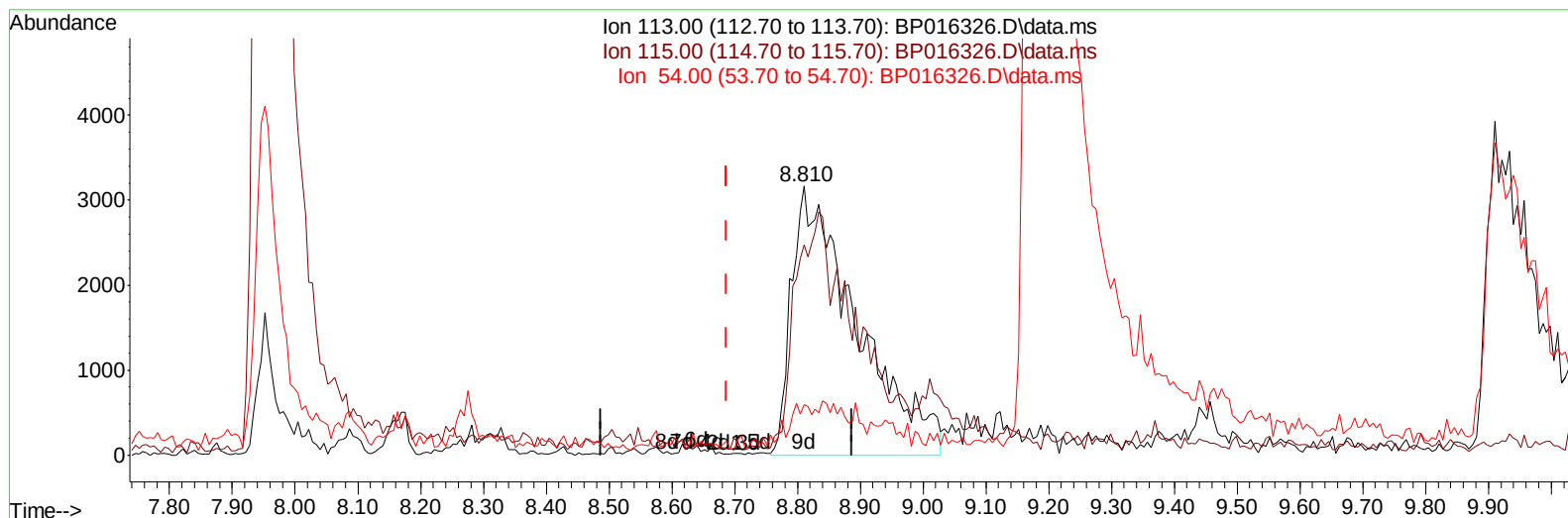
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016326.D
Acq On : 19 Jul 2023 15:55
Operator : MA/JU
Sample : 03501-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46X6

Manual IntegrationsAPPROVED

Quant Time: Jul 19 23:57:12 2023
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TIC: BP016326.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.810min (+ 0.123) 3.09 ng/ul m

response 22781

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	90.20	78.23
54.00	16.30	18.70
0.00	0.00	0.00

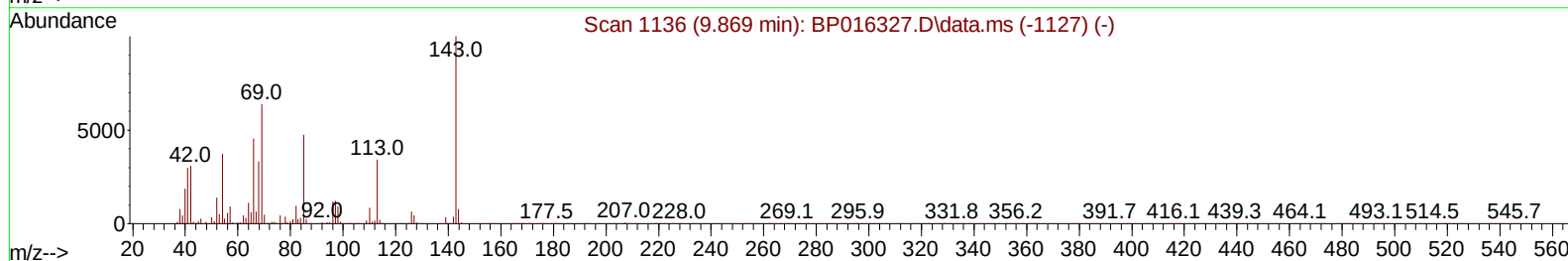
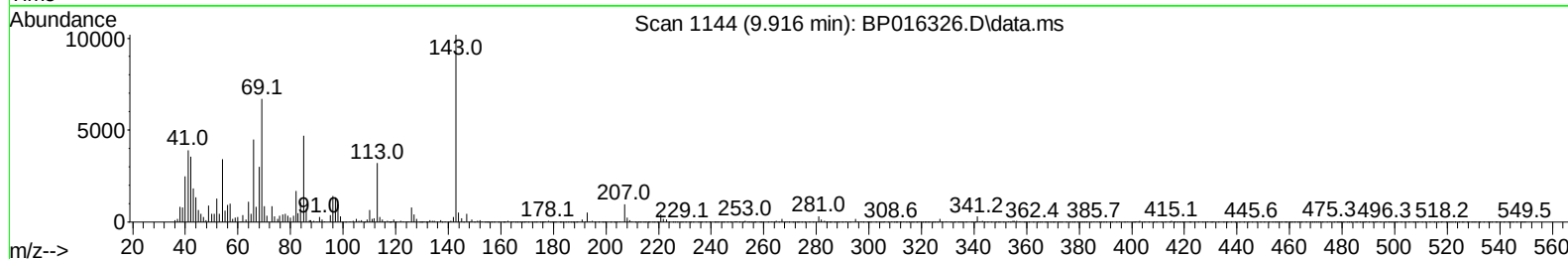
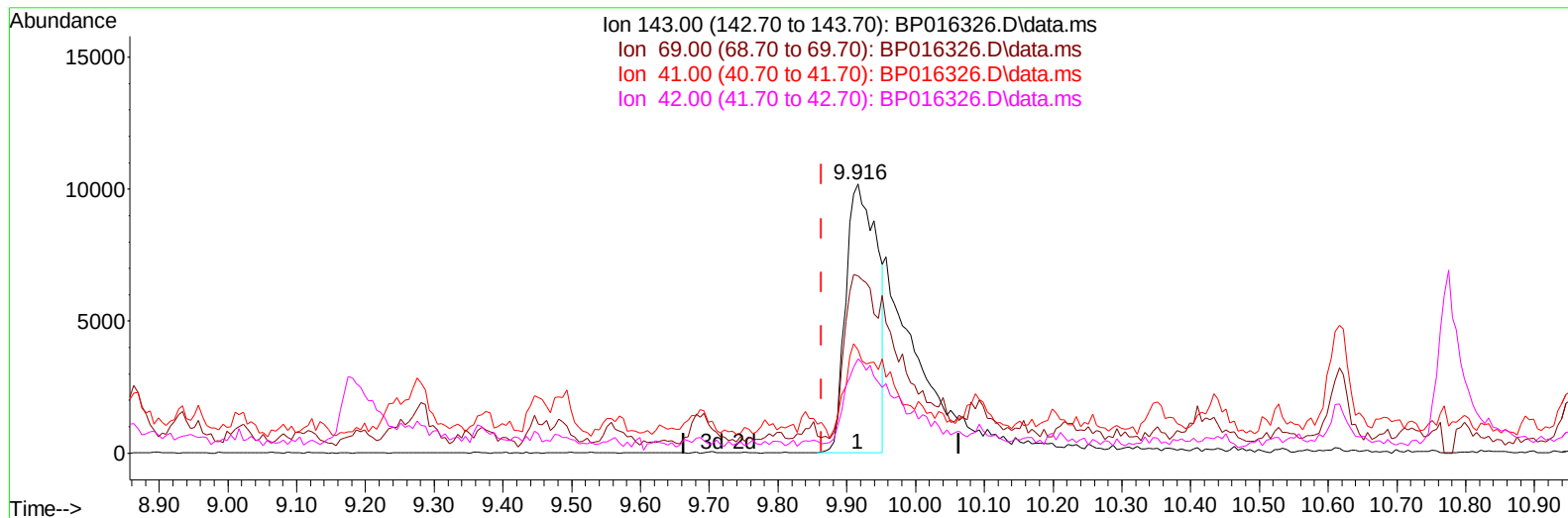
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016326.D
Acq On : 19 Jul 2023 15:55
Operator : MA/JU
Sample : 03501-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46X6

Manual IntegrationsAPPROVED

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TIC: BP016326.D\data.ms

(24) 2-Nitrophenol-d4 (S)

9.916min (+ 0.053) 8.83 ng/u1

response 32225

Ion	Exp%	Act%
143.00	100.00	100.00
69.00	62.00	65.85
41.00	28.60	38.37#
42.00	29.20	35.00

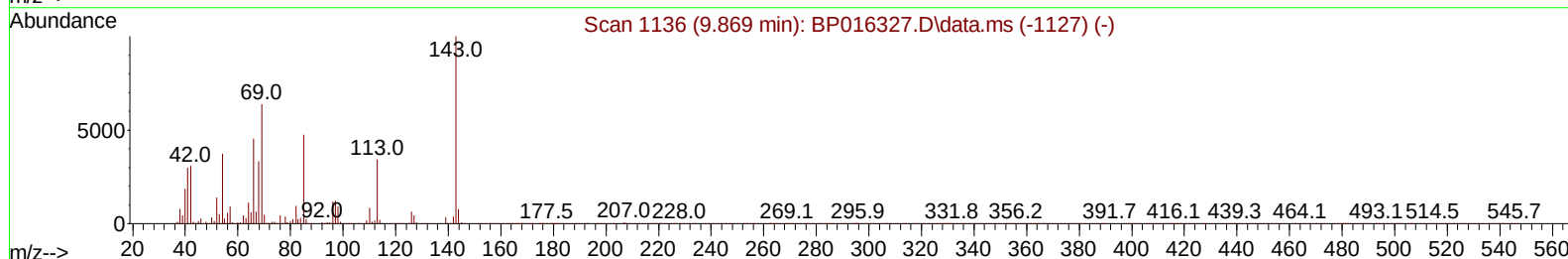
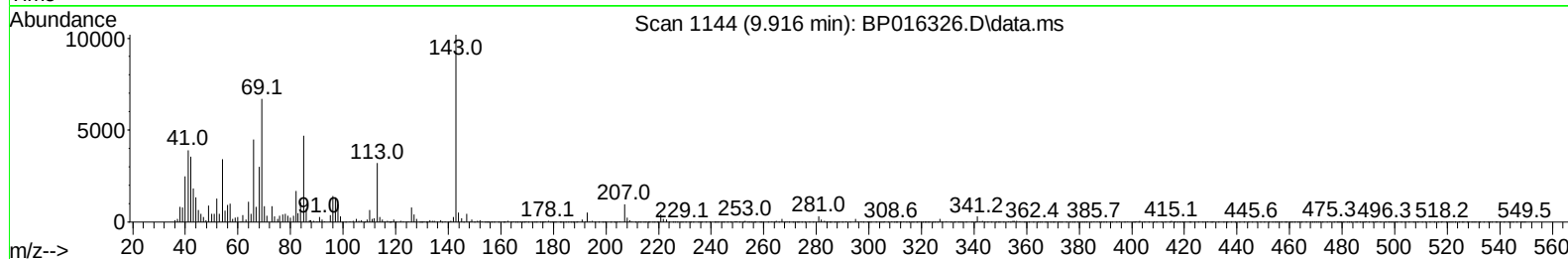
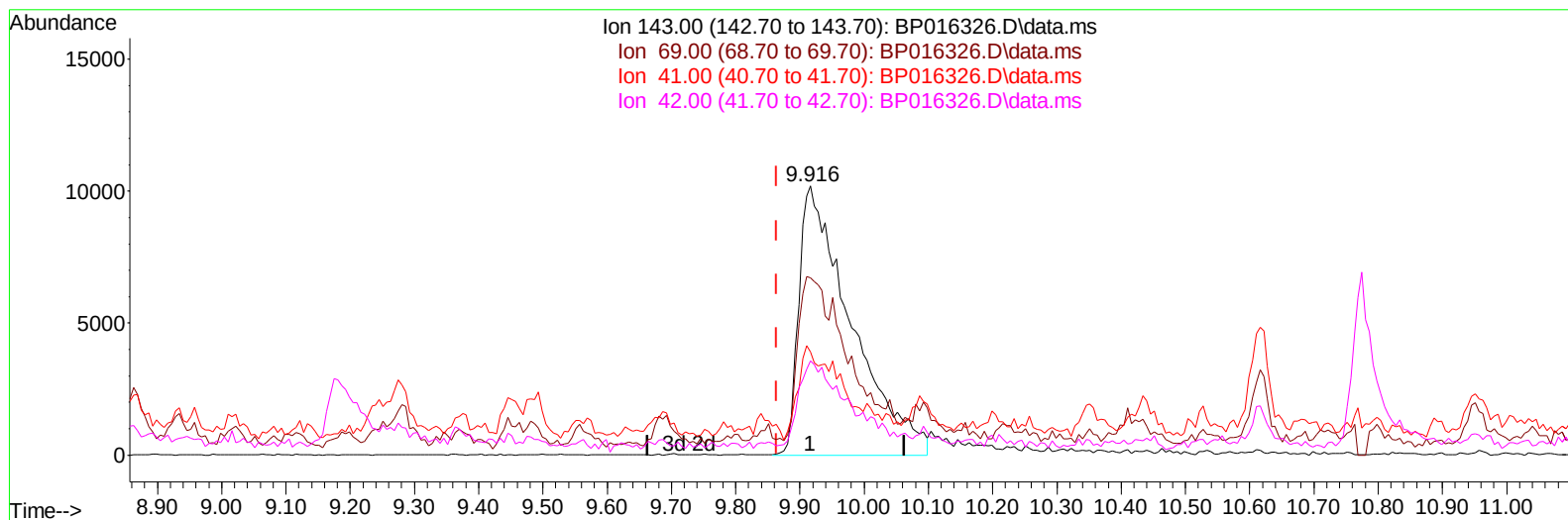
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016326.D
Acq On : 19 Jul 2023 15:55
Operator : MA/JU
Sample : 03501-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46X6

Manual IntegrationsAPPROVED

Quant Time: Jul 19 23:57:12 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: BP016326.D\data.ms

(24) 2-Nitrophenol-d4 (S)

9.916min (+ 0.053) 15.78 ng/ul m

response 57614

Ion	Exp%	Act%
143.00	100.00	100.00
69.00	62.00	65.85
41.00	28.60	38.37#
42.00	29.20	35.00

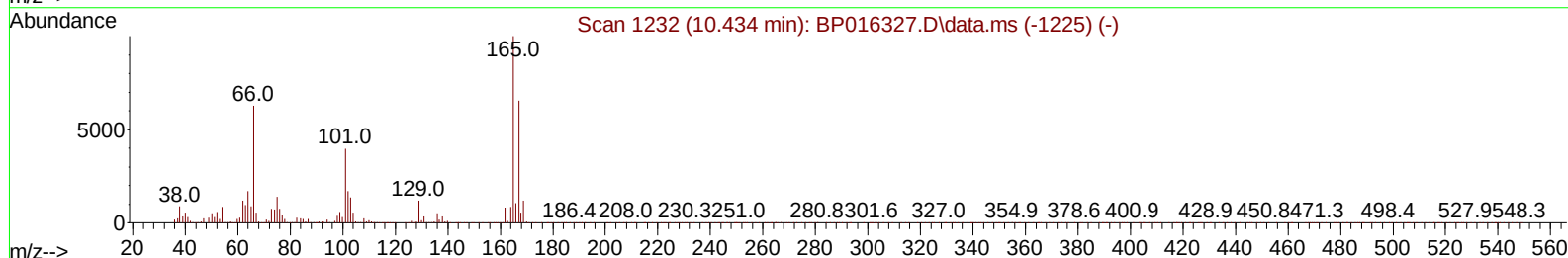
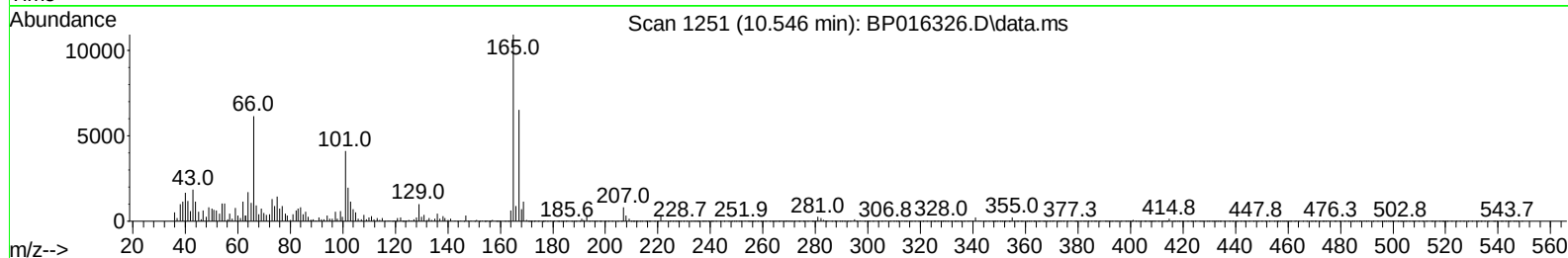
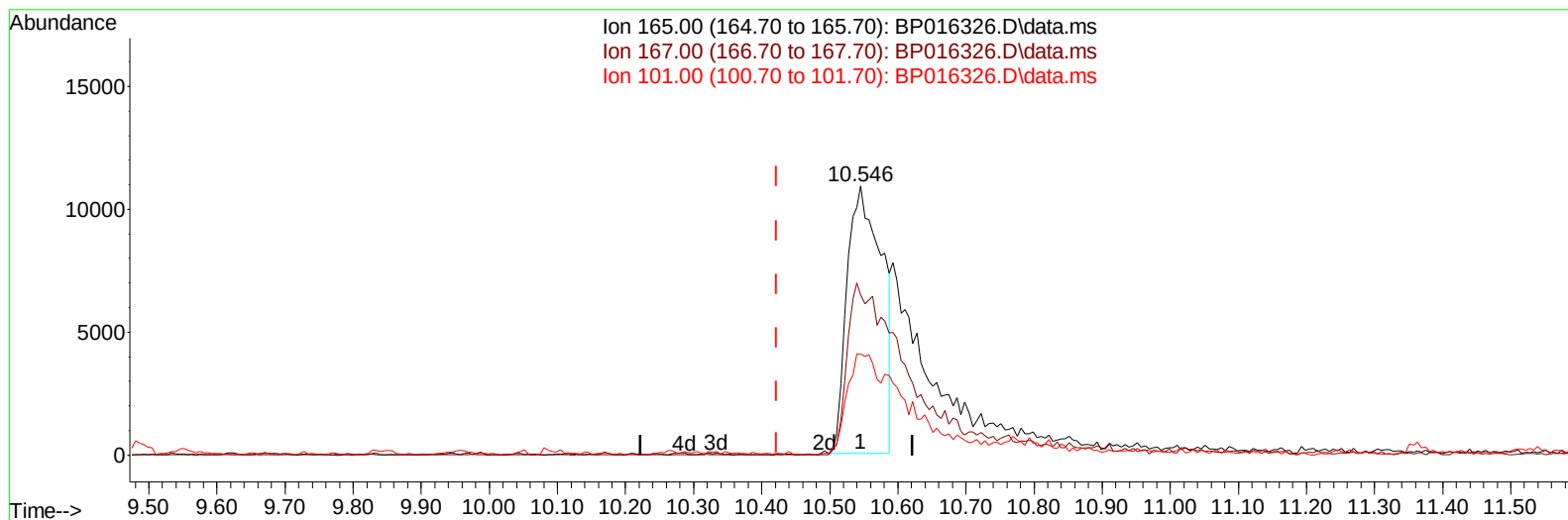
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016326.D
Acq On : 19 Jul 2023 15:55
Operator : MA/JU
Sample : 03501-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46X6

Manual IntegrationsAPPROVED

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TIC: BP016326.D\data.ms

(28) 2,4-Dichlorophenol-d3 (S)

10.546min (+ 0.123) 6.03 ng/ul

response 38089

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	65.20	59.56
101.00	38.50	37.67
0.00	0.00	0.00

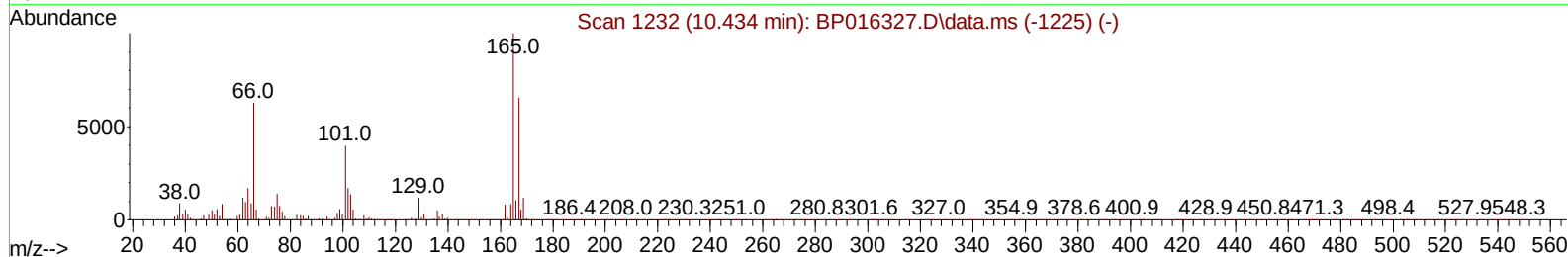
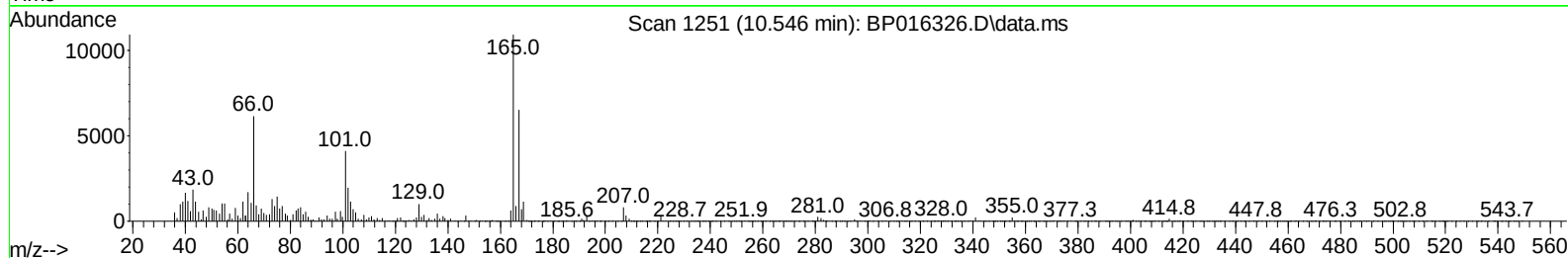
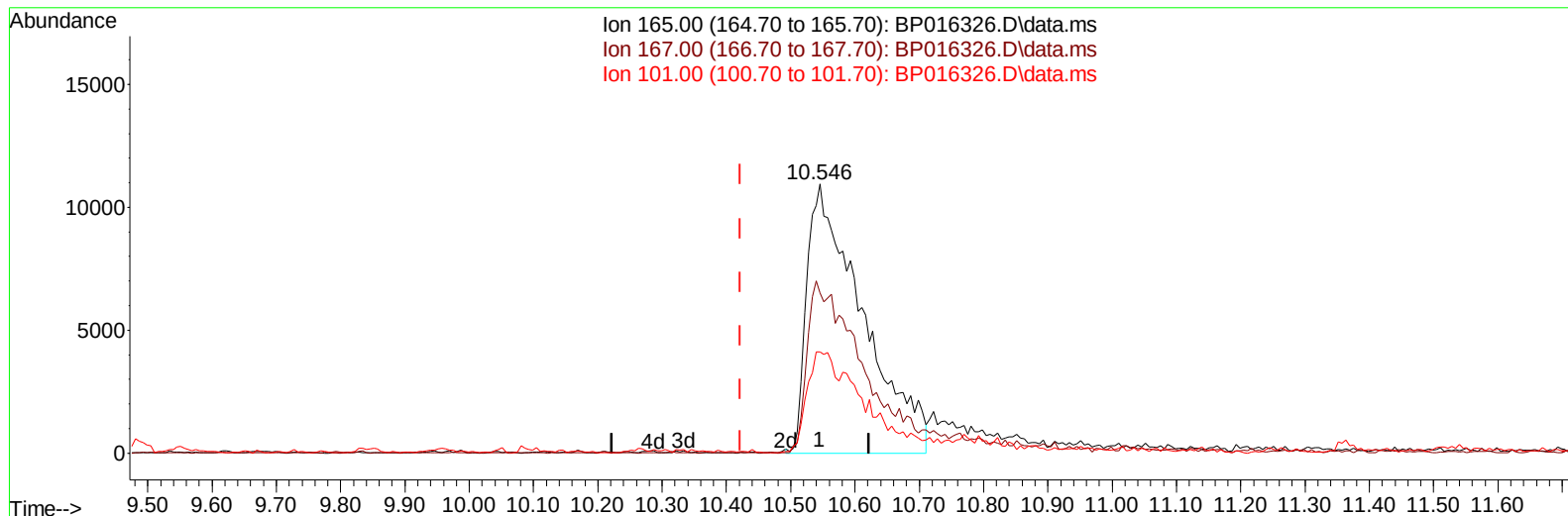
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 Data File : BP016326.D
 Acq On : 19 Jul 2023 15:55
 Operator : MA/JU
 Sample : 03501-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46X6

Manual IntegrationsAPPROVED

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TIC: BP016326.D\data.ms

(28) 2,4-Dichlorophenol-d3 (S)

10.546min (+ 0.123) 10.33 ng/ul m

response 65282

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	65.20	59.56
101.00	38.50	37.67
0.00	0.00	0.00

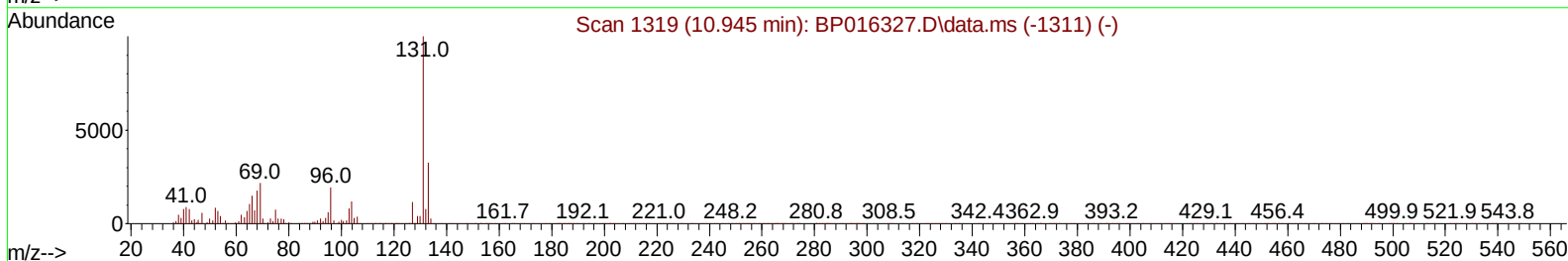
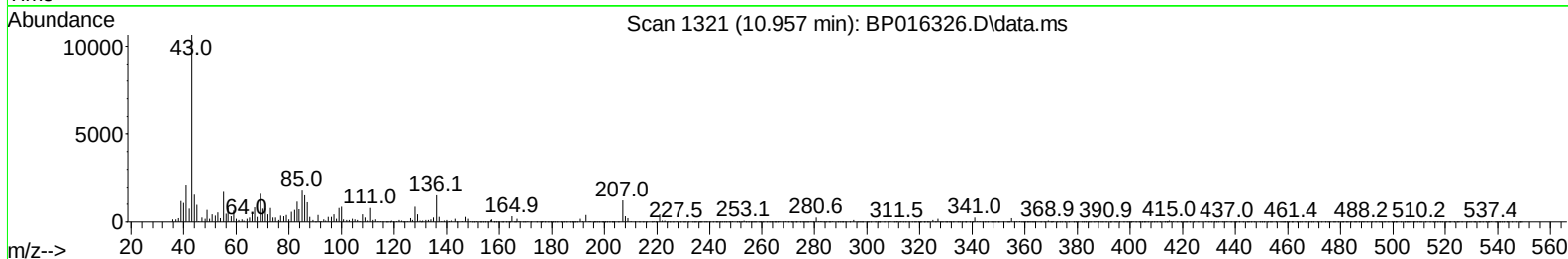
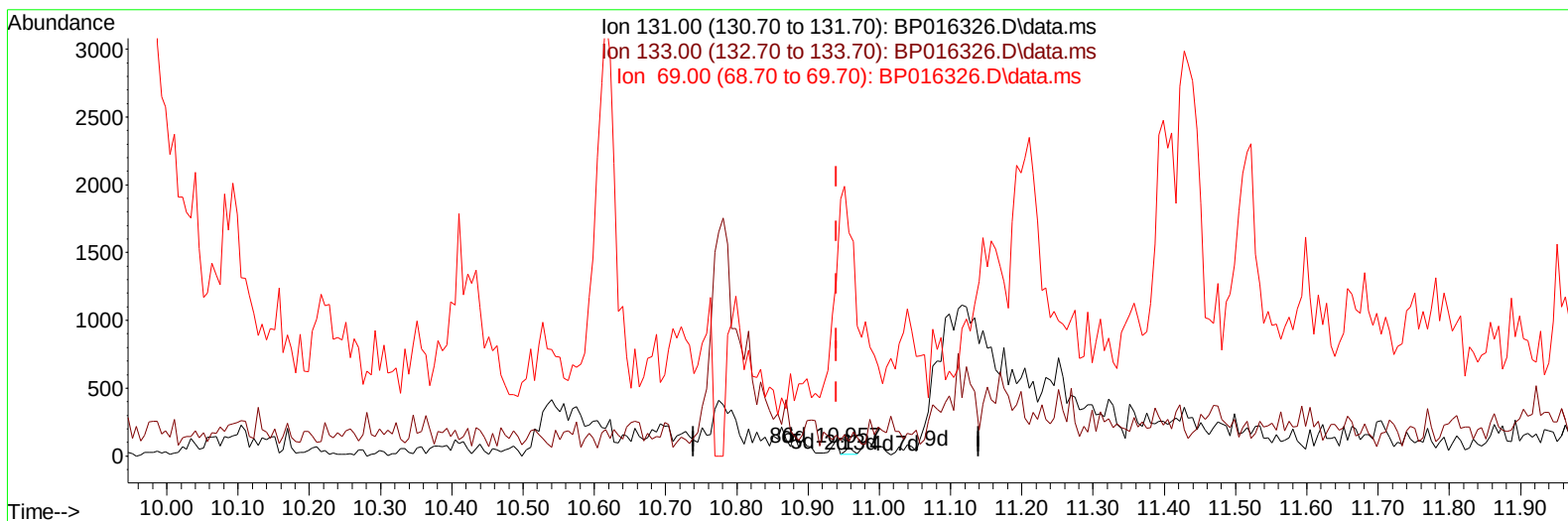
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016326.D
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Misc :
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Instrument :
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Manual IntegrationsAPPROVED

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TIC: BP016326.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.957min (+ 0.018) 0.00 ng/uI

response 36

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	31.50	172.58#
69.00	21.00	2654.84#
0.00	0.00	0.00

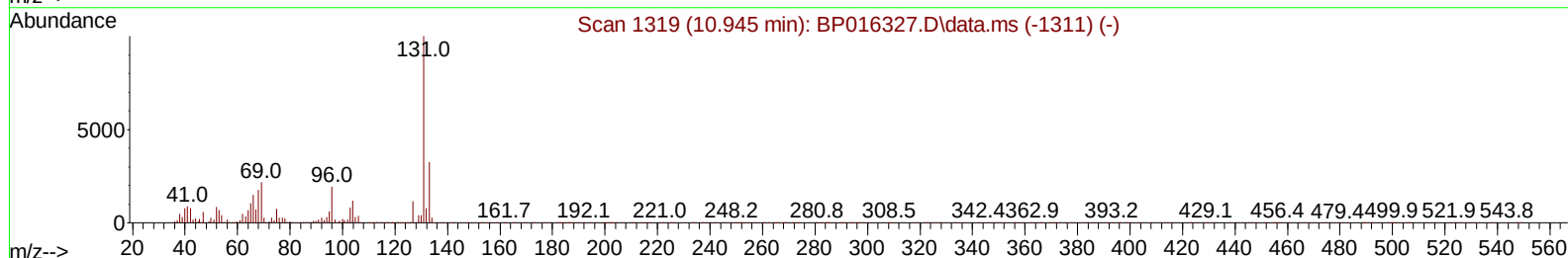
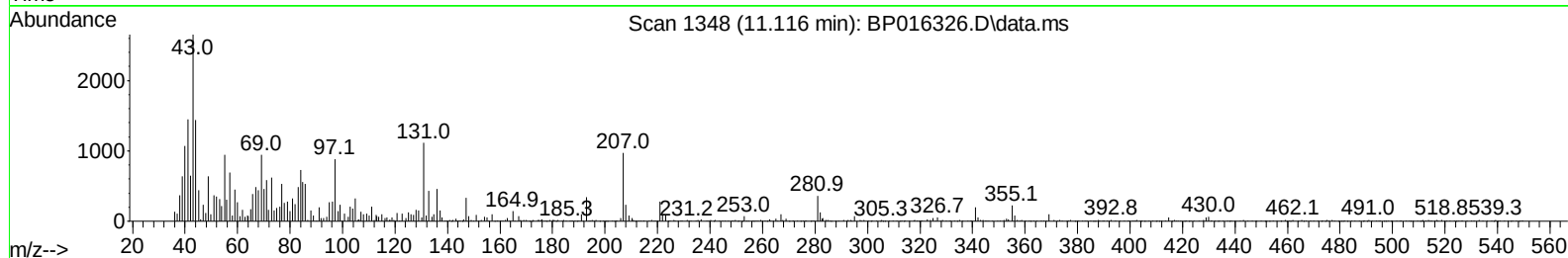
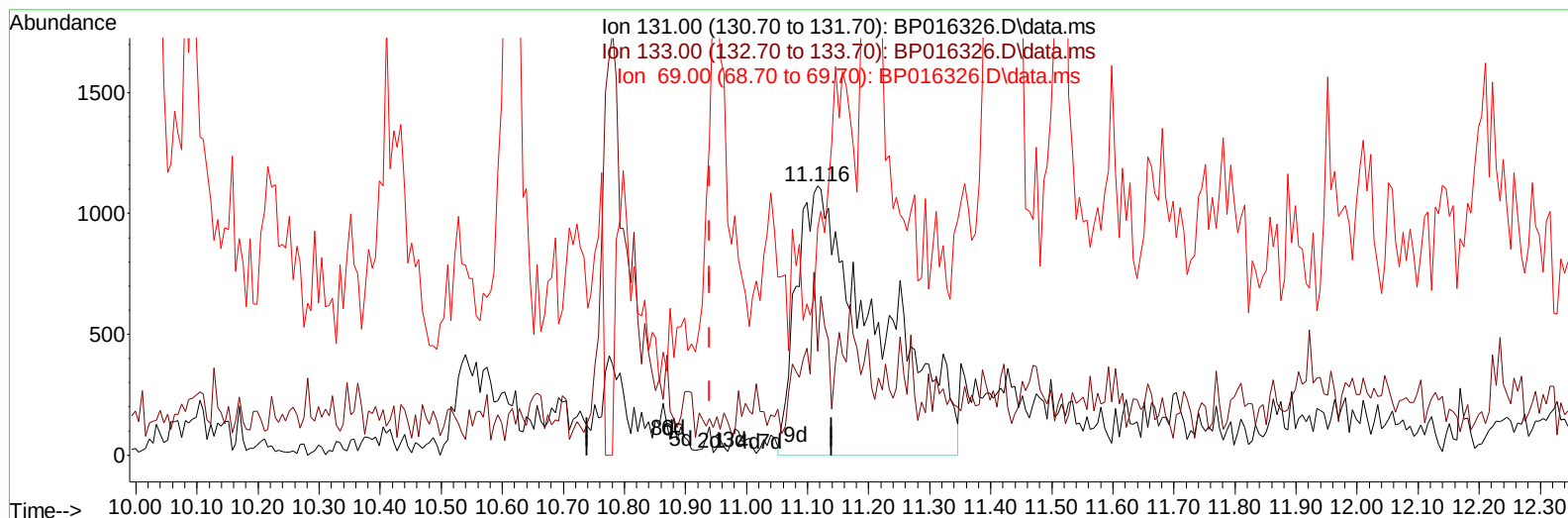
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
 Data File : BP016326.D
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 Operator : MA/JU
 Sample : 03501-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
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TIC: BP016326.D\data.ms

(31) 4-Chloroaniline-d4 (S)

11.116min (+ 0.176) 1.02 ng/ul m

response 10299

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	31.50	38.63#
69.00	21.00	84.55#
0.00	0.00	0.00

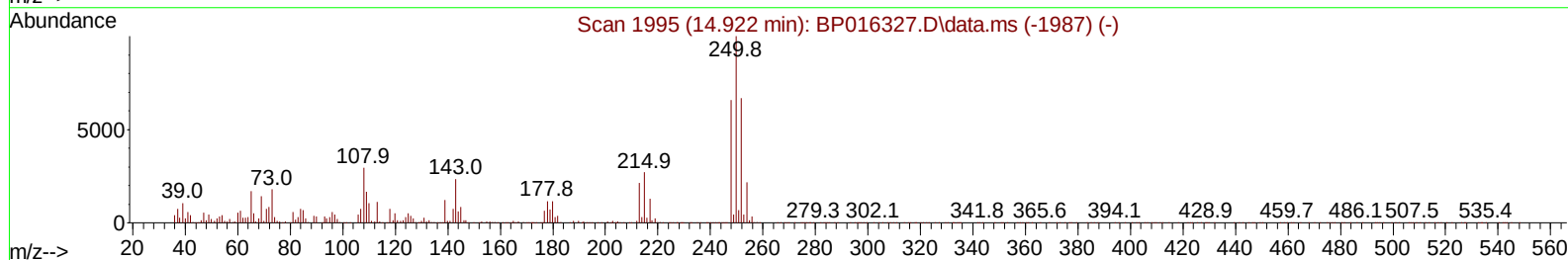
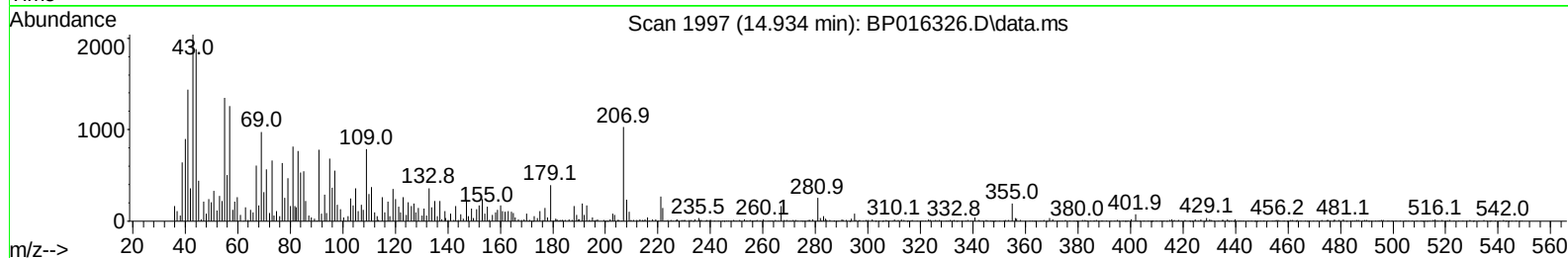
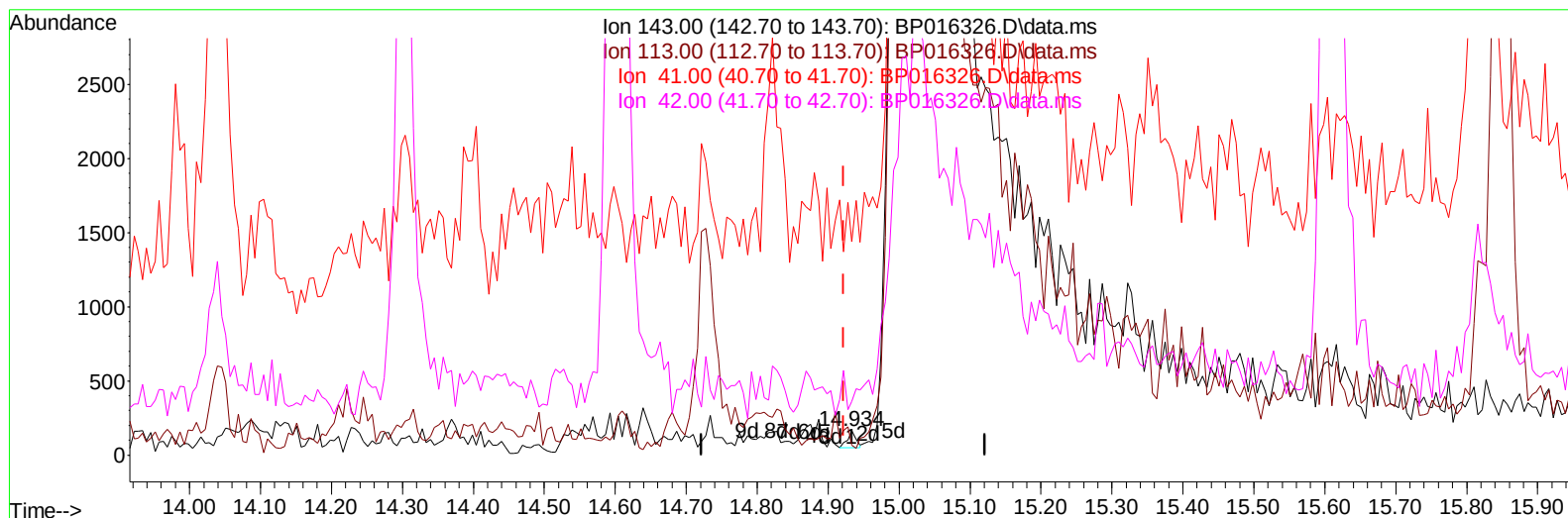
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016326.D
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Operator : MA/JU
Sample : 03501-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46X6

Manual IntegrationsAPPROVED

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



TIC: BP016326.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.934min (+ 0.012) 0.02 ng/ul

response 101

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	79.50	41.32#
41.00	49.30	862.28#
42.00	32.70	216.77#

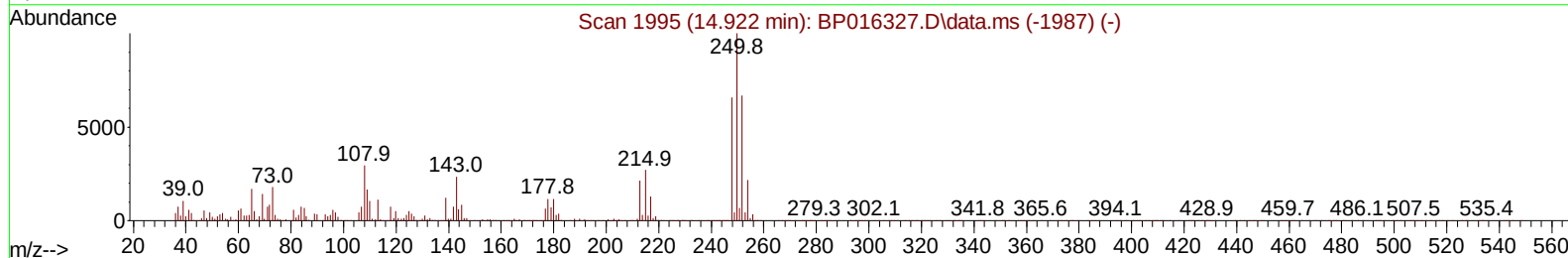
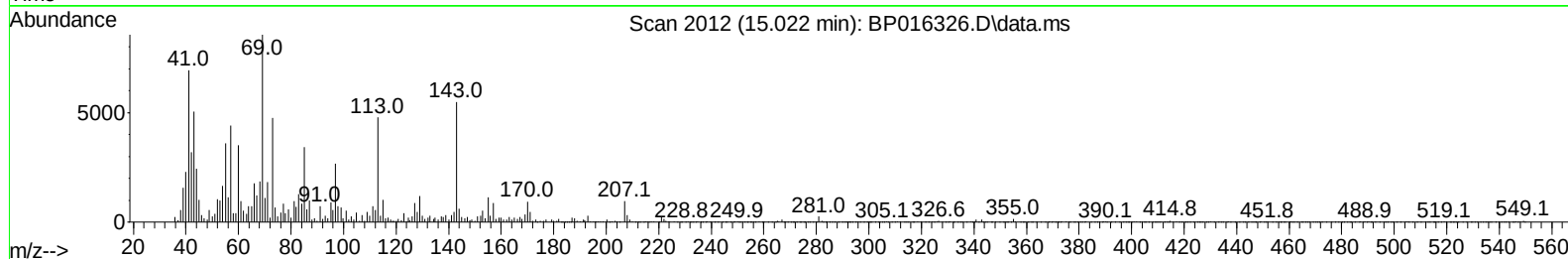
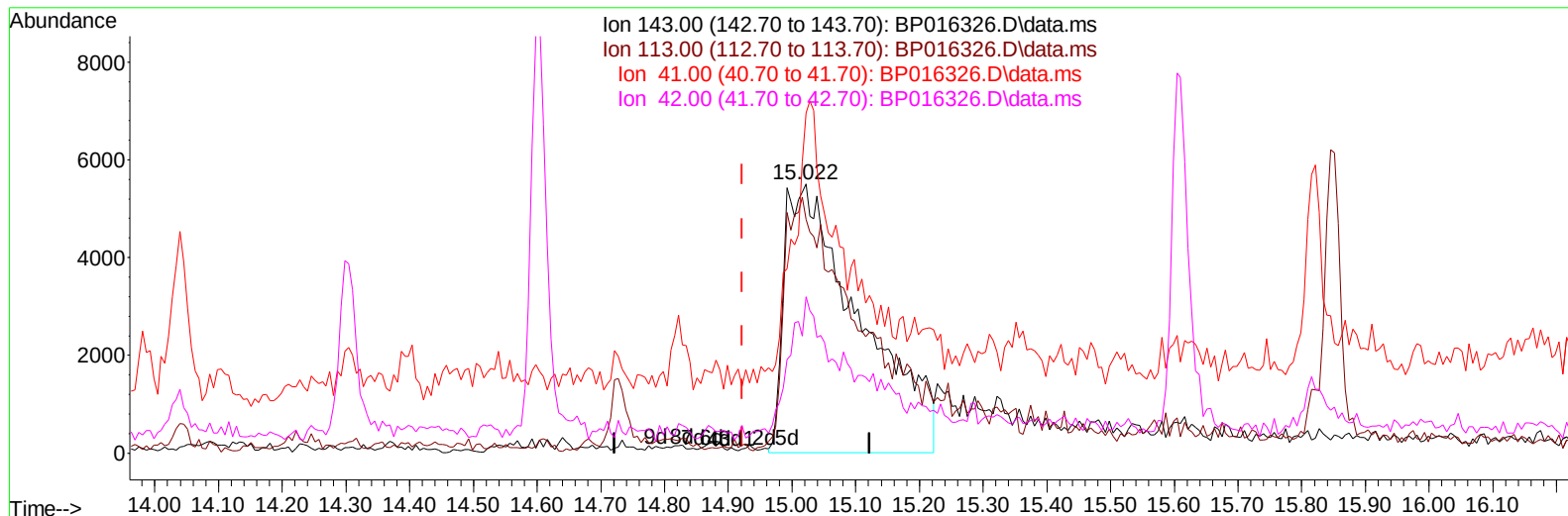
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016326.D
Acq On : 19 Jul 2023 15:55
Operator : MA/JU
Sample : 03501-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46X6

Manual IntegrationsAPPROVED

Quant Time: Jul 19 23:57:12 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: BP016326.D\data.ms

(54) 4-Nitrophenol-d4 (S)

15.022min (+ 0.100) 8.61 ng/ul m

response 45239

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	79.50	86.91
41.00	49.30	126.38#
42.00	32.70	58.08#

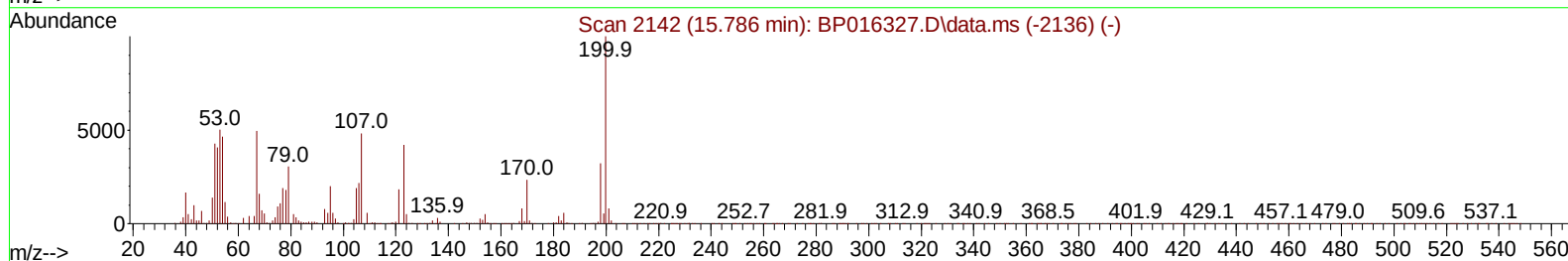
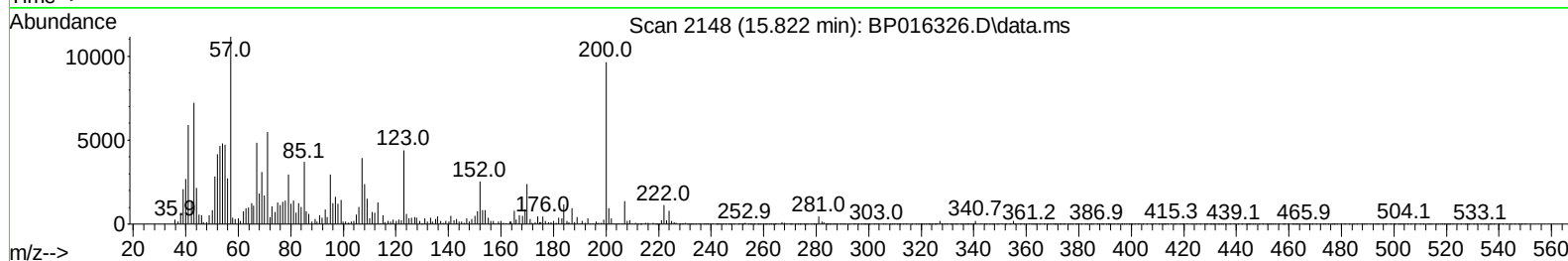
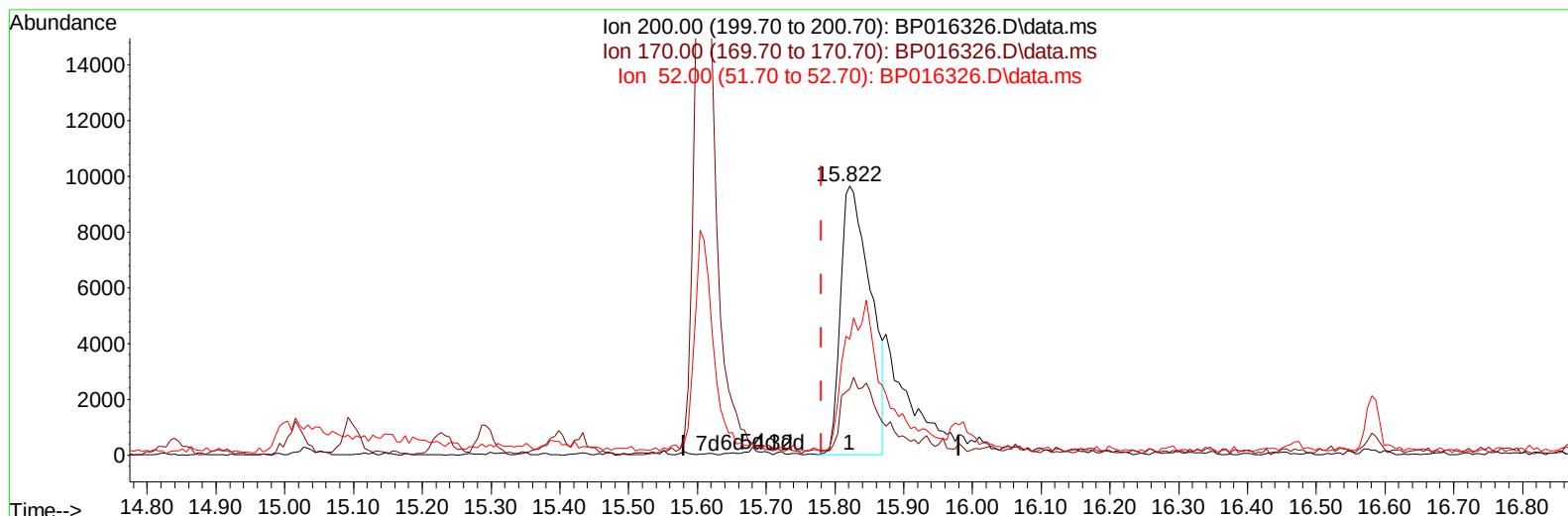
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
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TIC: BP016326.D\data.ms

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

15.822min (+ 0.041) 6.26 ng/ul

response 29104

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.90	24.57
52.00	58.00	43.01#
0.00	0.00	0.00

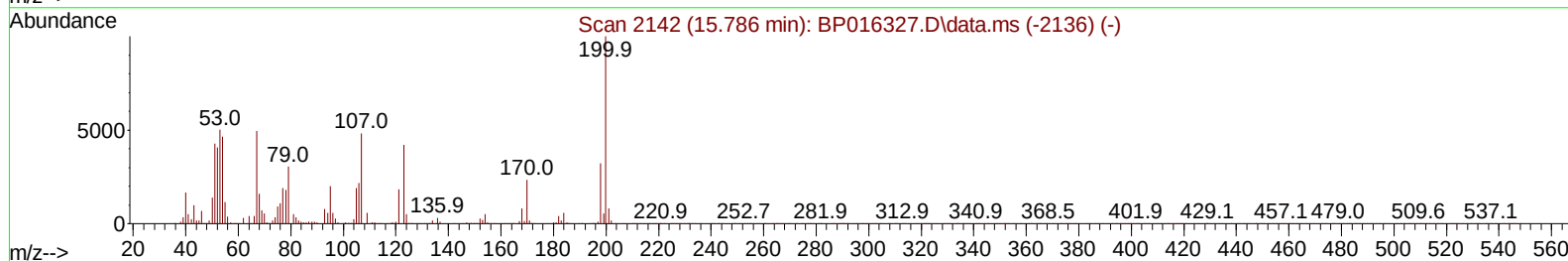
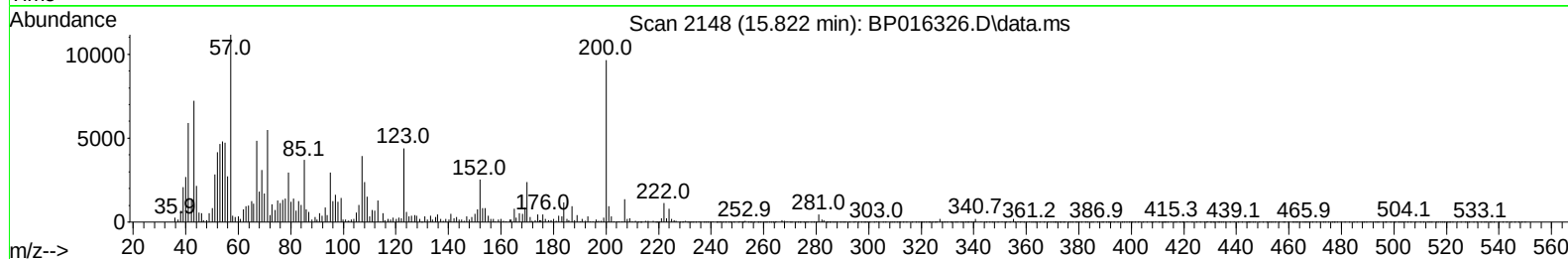
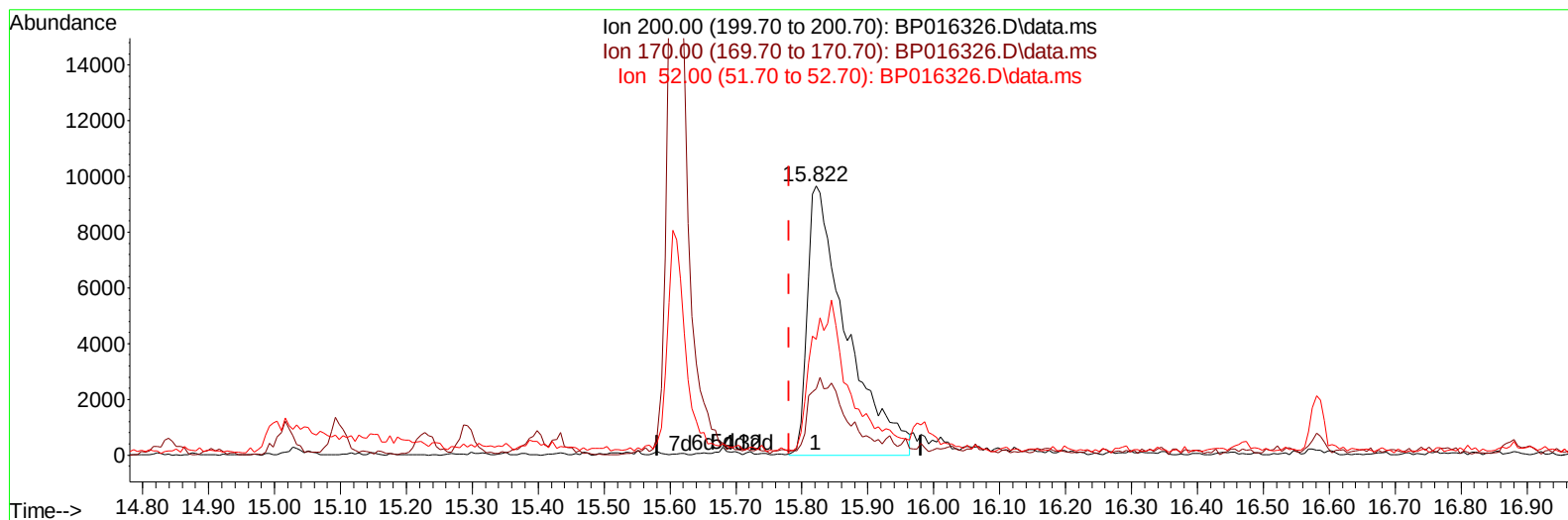
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016326.D
Acq On : 19 Jul 2023 15:55
Operator : MA/JU
Sample : 03501-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46X6

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TIC: BP016326.D\data.ms

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

15.822min (+ 0.041) 8.58 ng/ul m

response 39857

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.90	24.57
52.00	58.00	43.01#
0.00	0.00	0.00

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Instrument :
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Manual IntegrationsAPPROVED

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

Quant Time: Jul 20 00:00:41 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	7.952	152	101252	20.000	ng/ul	0.00
20) Naphthalene-d8	10.775	136	464230	20.000	ng/ul	0.02
38) Acenaphthene-d10	14.604	164	337520	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.369	188	804764	20.000	ng/ul	0.00
79) Chrysene-d12	21.463	240	900540	20.000	ng/ul	0.00
88) Perylene-d12	23.957	264	930241	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	6551	2.290	ng/uL	0.00
4) Pyridine-d5	3.705	84	30441m	4.266	ng/ul	-0.02
7) Phenol-d5	7.181	99	78338	8.566	ng/ul	0.05
9) Bis-(2-Chloroethyl)eth...	7.293	67	85402	13.810	ng/ul	0.02
11) 2-Chlorophenol-d4	7.504	132	80348	12.170	ng/ul	0.03
15) 4-Methylphenol-d8	8.810	113	22781m	3.092	ng/ul	0.12
21) Nitrobenzene-d5	9.181	128	44046	13.753	ng/ul	0.05
24) 2-Nitrophenol-d4	9.916	143	57614m	15.784	ng/ul	0.05
28) 2,4-Dichlorophenol-d3	10.546	165	65282m	10.328	ng/ul	0.12
31) 4-Chloroaniline-d4	11.116	131	10299m	1.017	ng/ul	0.18
46) Dimethylphthalate-d6	14.028	166	429829	16.695	ng/ul	0.02
49) Acenaphthylene-d8	14.304	160	372252	13.193	ng/ul	0.01
54) 4-Nitrophenol-d4	15.022	143	45239m	8.610	ng/ul	0.10
60) Fluorene-d10	15.610	176	378964	17.588	ng/ul	0.02
65) 4,6-Dinitro-2-methylph...	15.822	200	39857m	8.579	ng/ul	0.04
73) Anthracene-d10	17.475	188	389637	11.069	ng/ul	0.00
81) Pyrene-d10	19.710	212	289284	6.191	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.798	264	114799	2.570	ng/ul	0.01
Target Compounds						
						Qvalue
8) Phenol	7.210	94	17502m	1.785	ng/ul	
16) Acetophenone	8.851	105	33285	2.740	ng/ul	97
72) Phenanthrene	17.410	178	115797	2.762	ng/ul	98
80) Fluoranthene	19.386	202	219787	4.022	ng/ul	97
82) Pyrene	19.745	202	63865	1.095	ng/ul	96
85) Benzo(a)anthracene	21.451	228	110716	1.888	ng/ul#	93
86) Bis(2-ethylhexyl)phtha...	21.321	149	294426	7.833	ng/ul	99
87) Chrysene	21.504	228	106972	1.801	ng/ul#	91
90) Benzo(b)fluoranthene	23.204	252	124748	2.348	ng/ul	98

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

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