

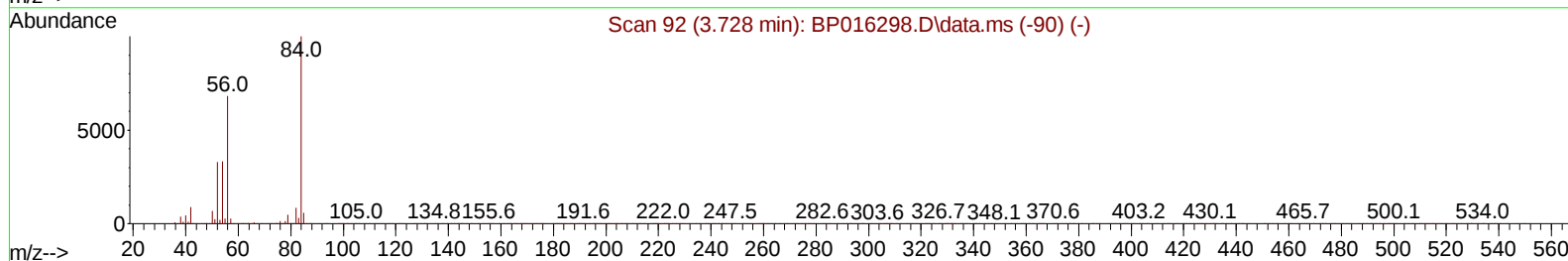
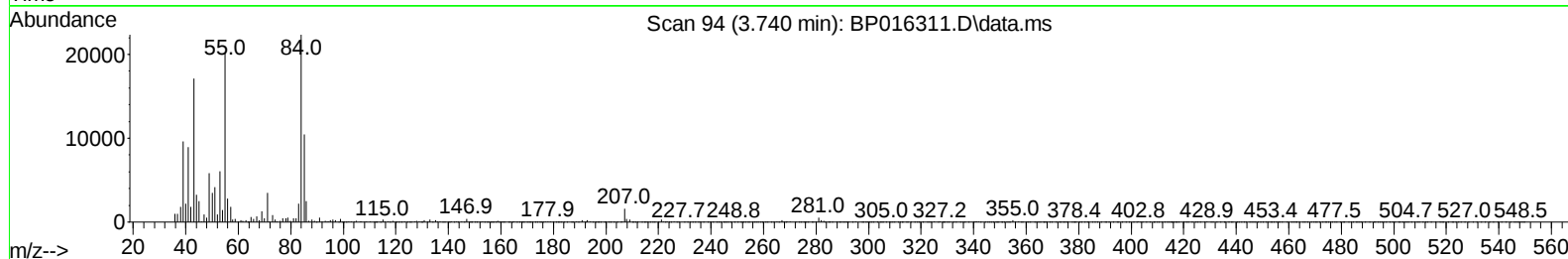
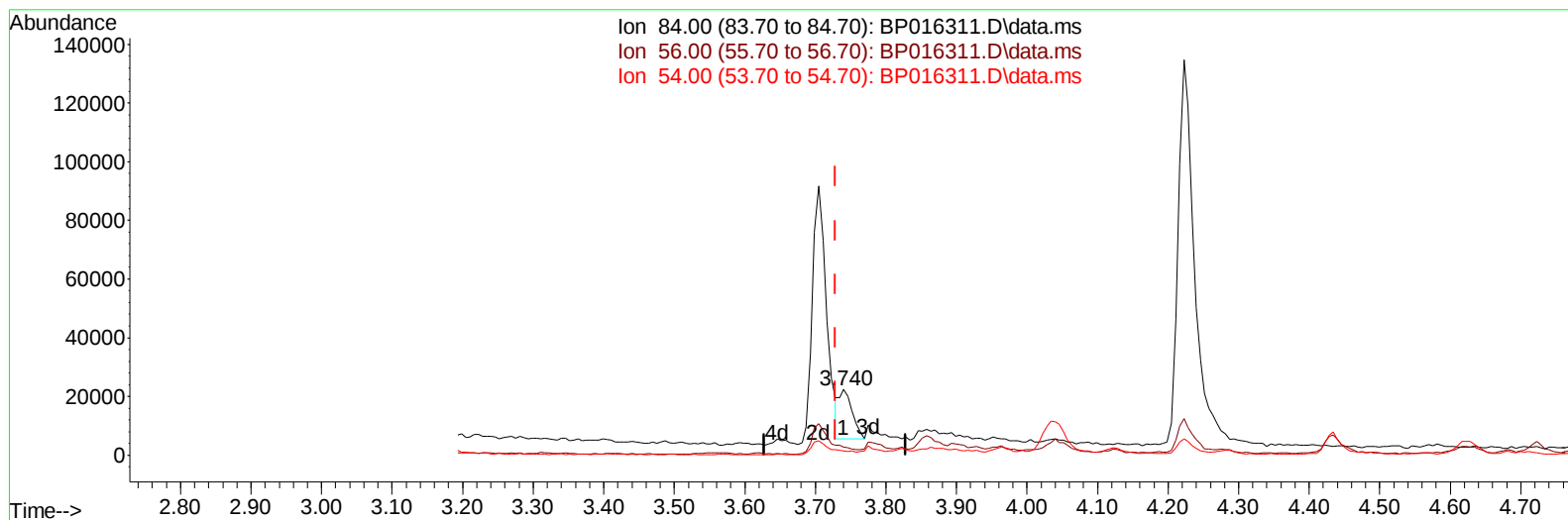
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
 Data File : BP016311.D
 Acq On : 19 Jul 2023 01:27
 Operator : MA/JU
 Sample : 03501-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46W1

Manual IntegrationsAPPROVED

Quant Time: Jul 19 03:34:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 19 01:28:59 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023



TIC: BP016311.D\data.ms

(4) Pyridine-d5 (S)

3.740min (+ 0.012) 1.44 ng/u1

response 22295

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	64.90	12.55#
54.00	32.50	6.59#
0.00	0.00	0.00

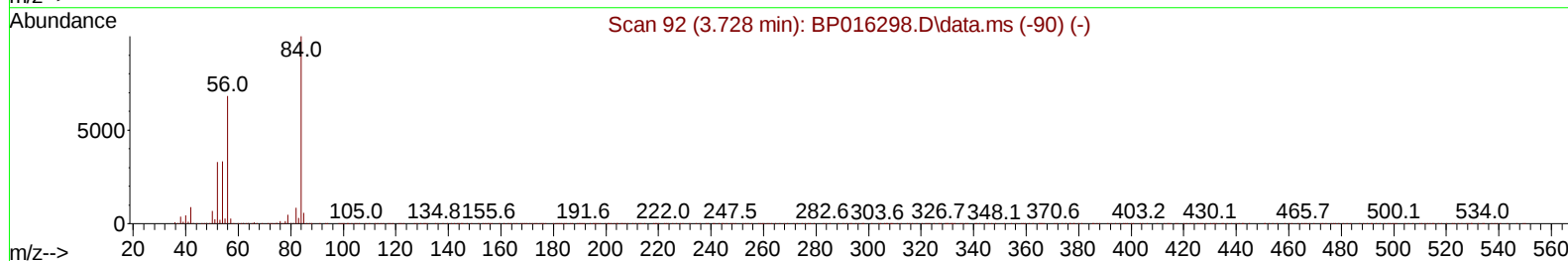
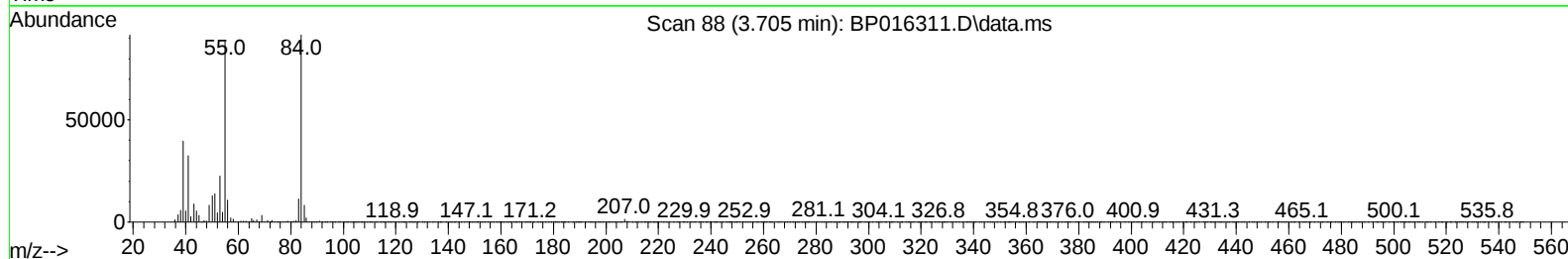
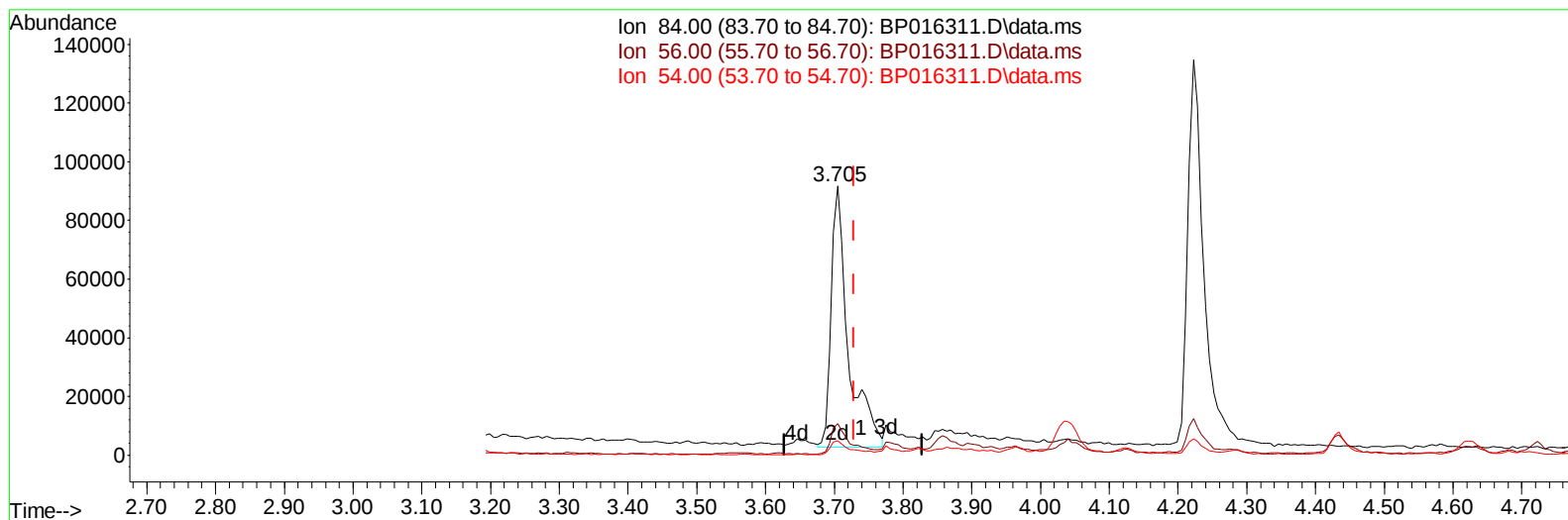
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
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Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023



TIC: BP016311.D\data.ms

(4) Pyridine-d5 (S)

3.705min (-0.024) 10.00 ng/ul m

response 154743

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	64.90	11.72#
54.00	32.50	5.27#
0.00	0.00	0.00

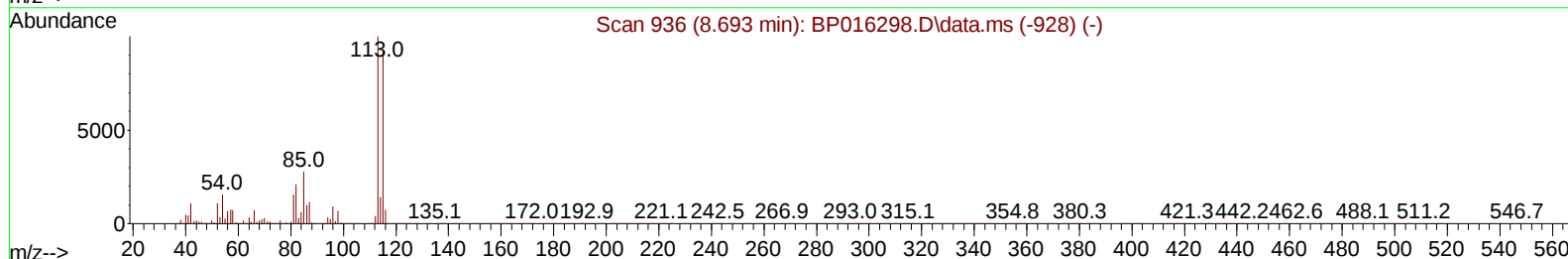
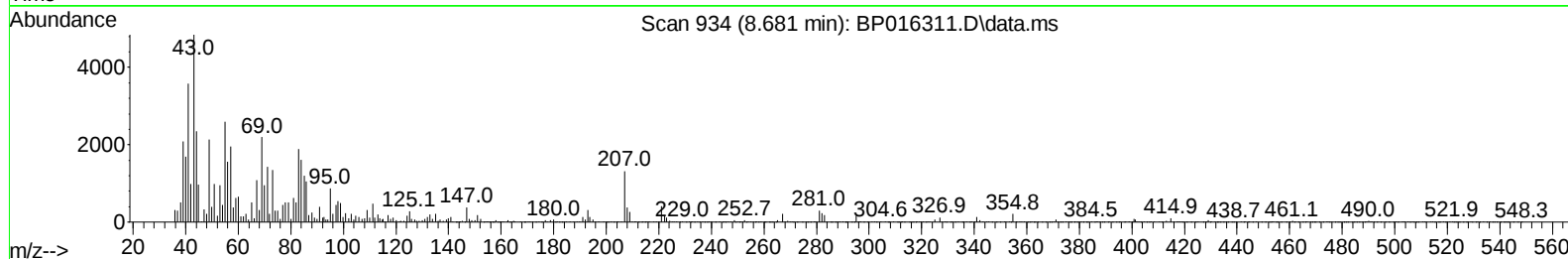
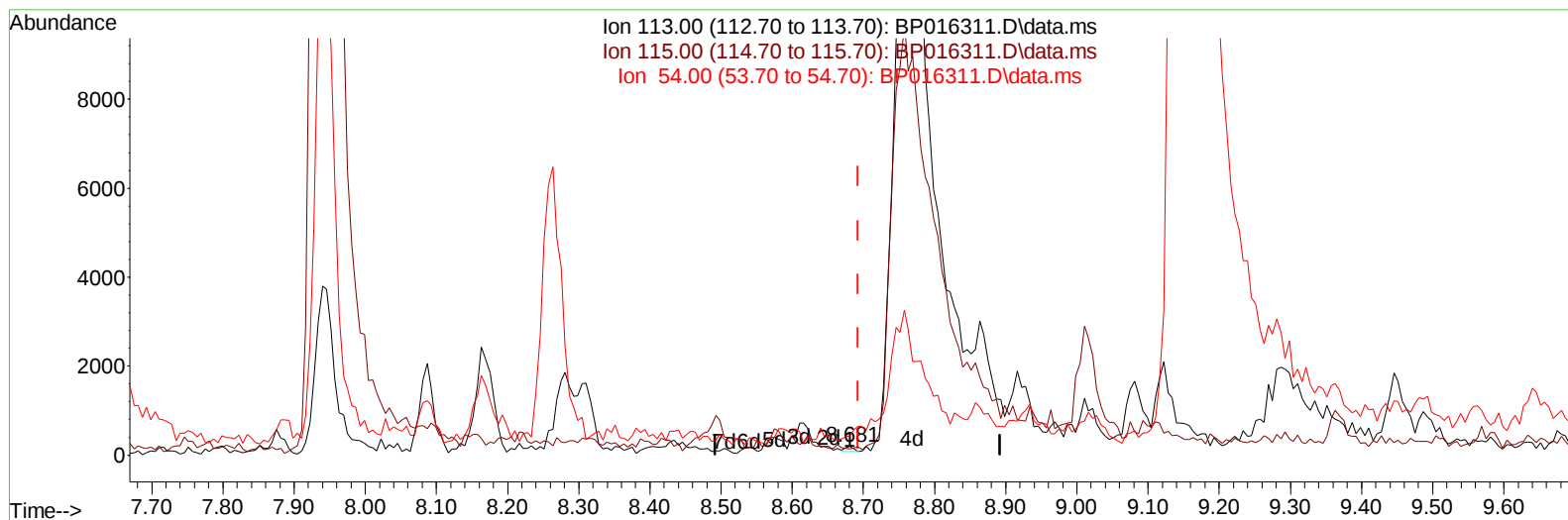
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
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TIC: BP016311.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.681min (-0.012) 0.01 ng/u1

response 86

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	90.20	73.82
54.00	16.30	228.80#
0.00	0.00	0.00

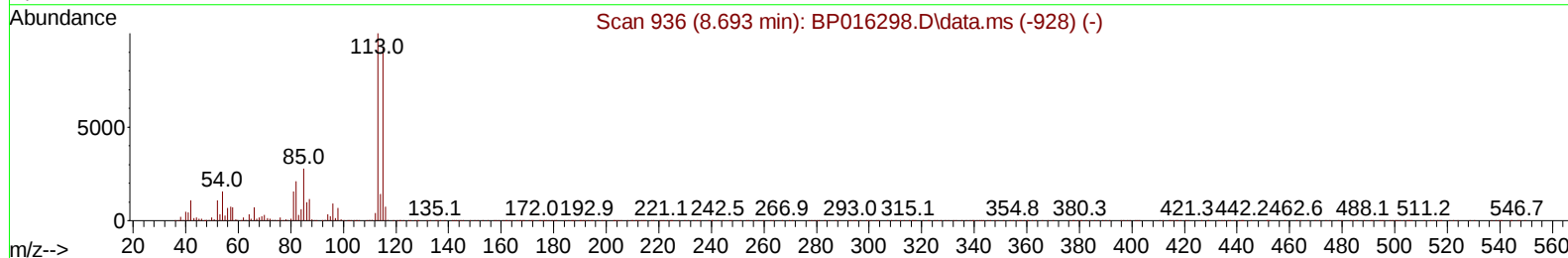
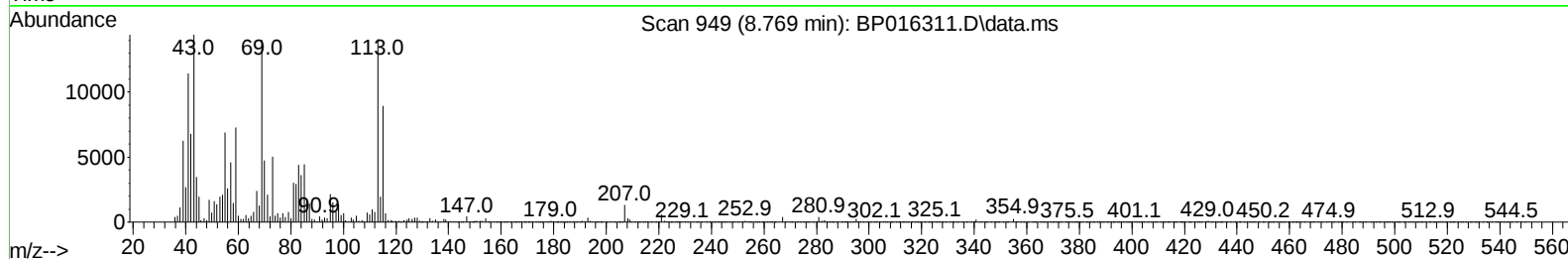
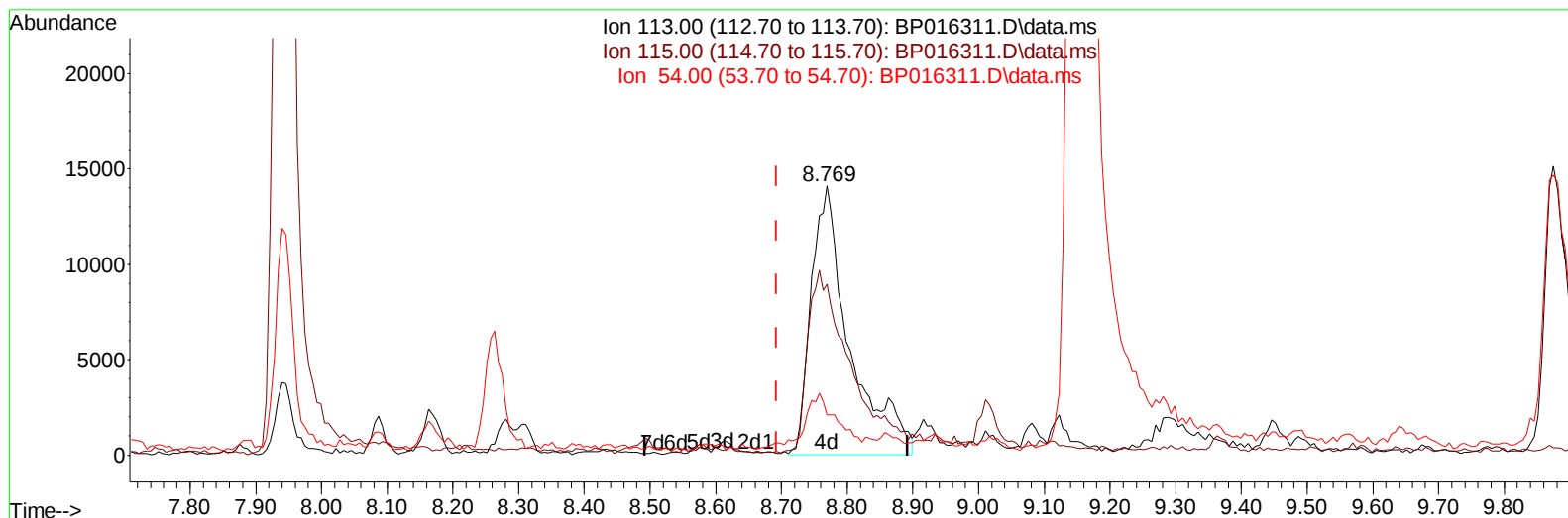
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
Data File : BP016311.D
Acq On : 19 Jul 2023 01:27
Operator : MA/JU
Sample : 03501-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jul 19 03:34:23 2023
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QLast Update : Wed Jul 19 01:28:59 2023
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Reviewed By :Yogesh Patel 07/19/2023
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TIC: BP016311.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.769min (+ 0.076) 3.59 ng/u1 m

response 57357

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	90.20	63.55#
54.00	16.30	14.94
0.00	0.00	0.00

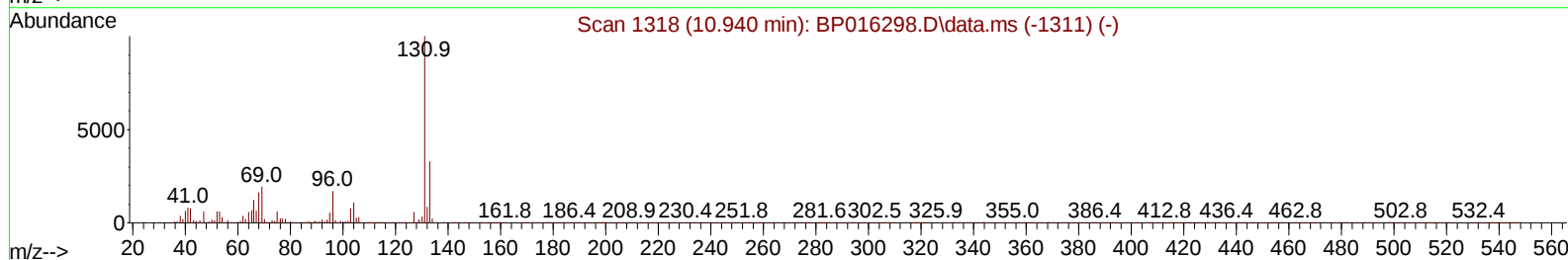
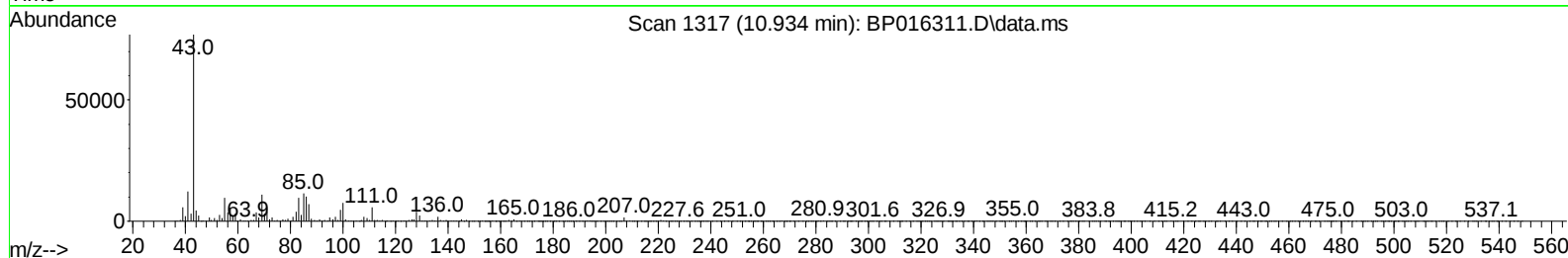
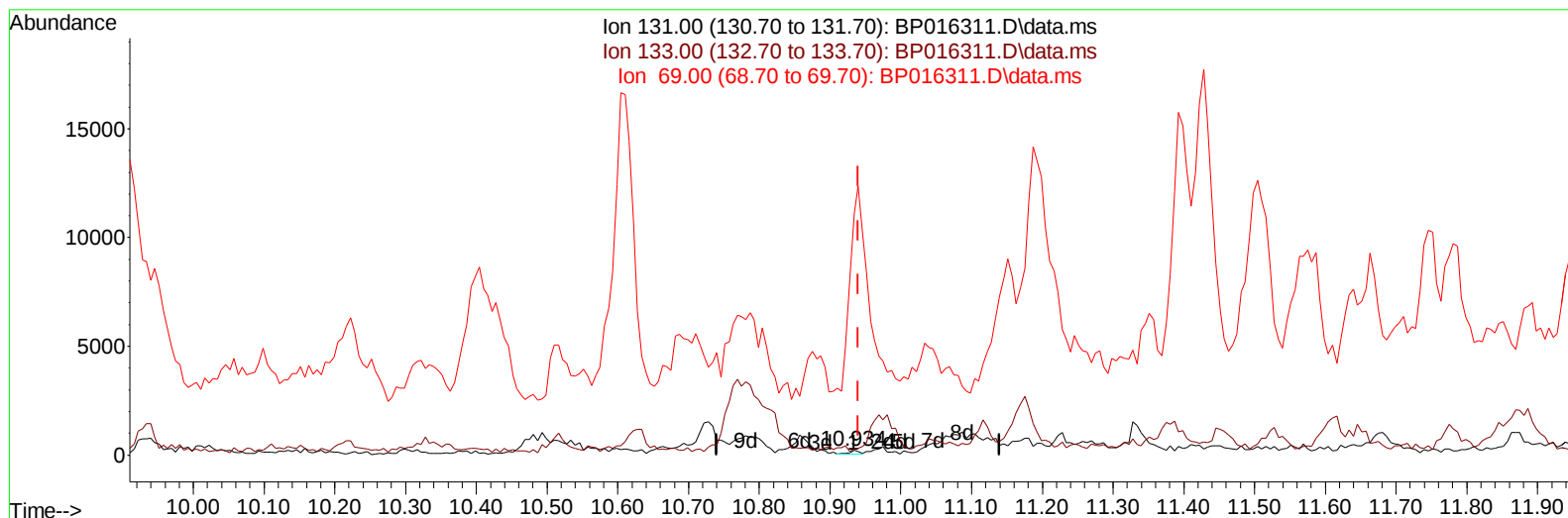
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
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Instrument :
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TIC: BP016311.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.934min (-0.006) 0.01 ng/u1

response 162

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	31.50	128.24#
69.00	21.00	5130.56#
0.00	0.00	0.00

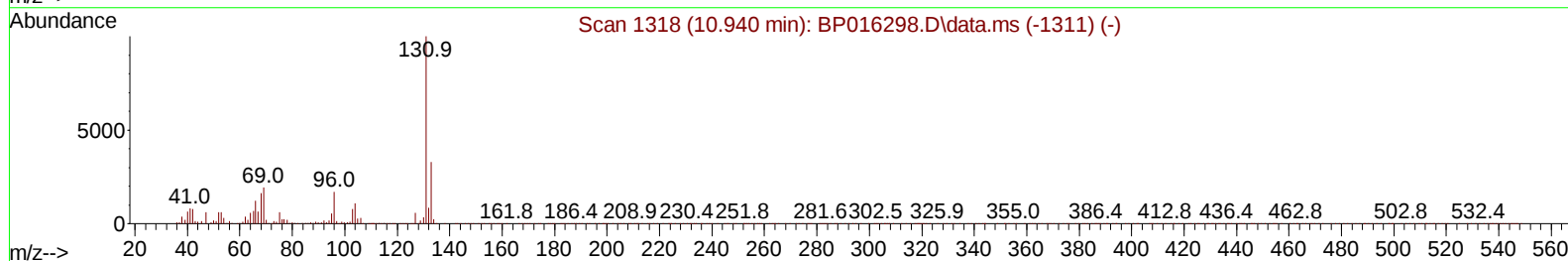
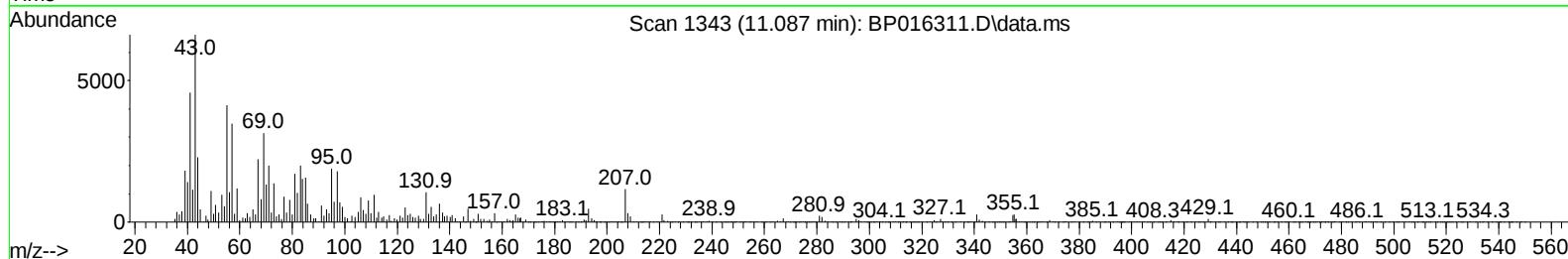
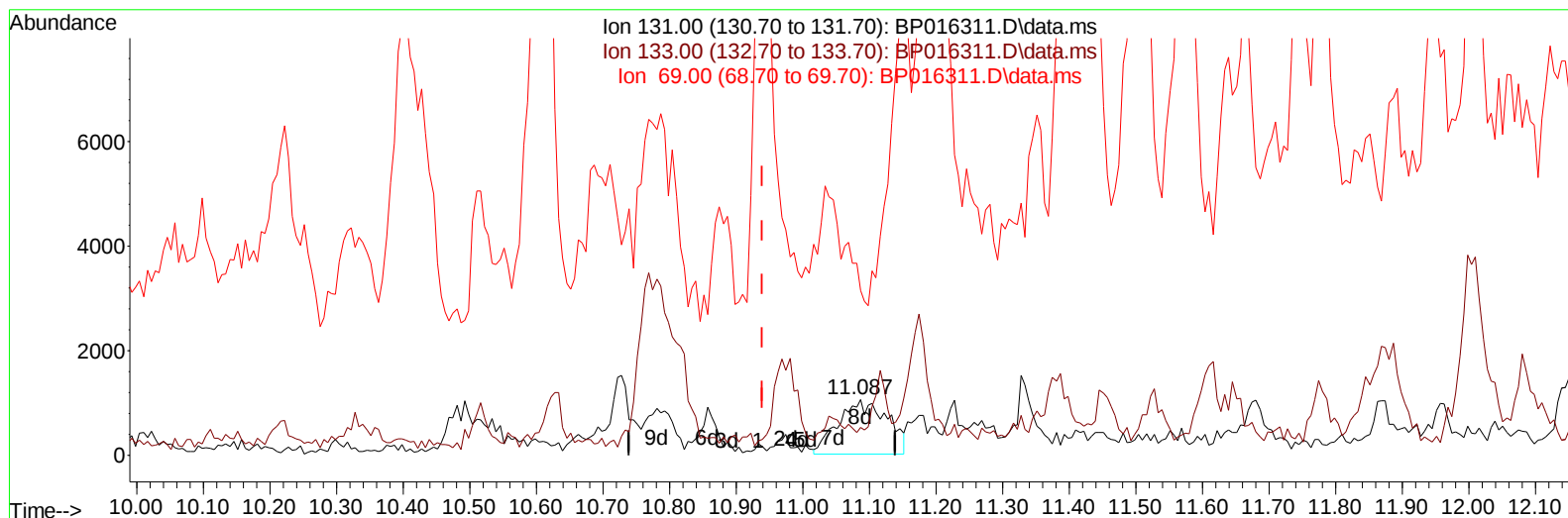
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
Data File : BP016311.D
Acq On : 19 Jul 2023 01:27
Operator : MA/JU
Sample : 03501-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46W1

Manual IntegrationsAPPROVED

Quant Time: Jul 19 03:34:23 2023
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Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



TIC: BP016311.D\data.ms

(31) 4-Chloroaniline-d4 (S)

11.087min (+ 0.147) 0.27 ng/ul m

response 5327

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	31.50	49.86#
69.00	21.00	295.60#
0.00	0.00	0.00

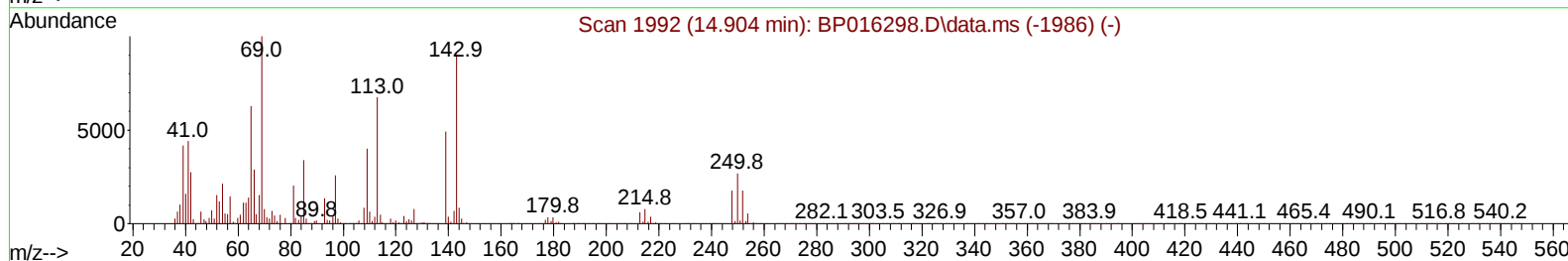
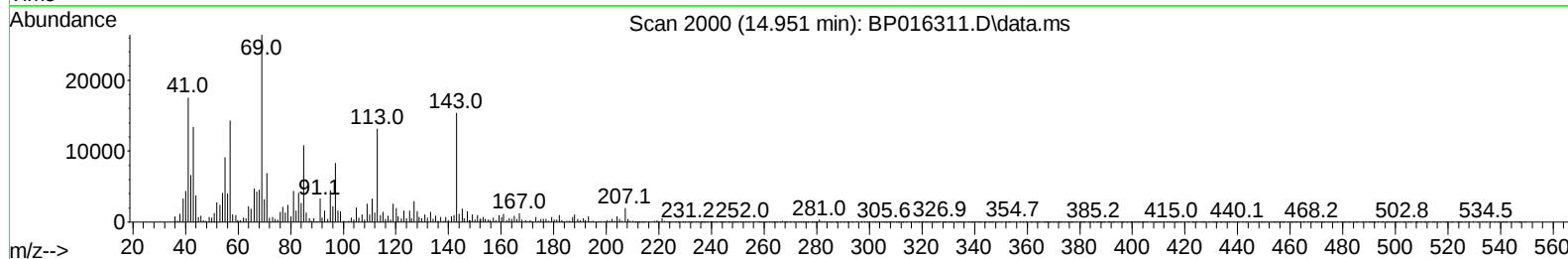
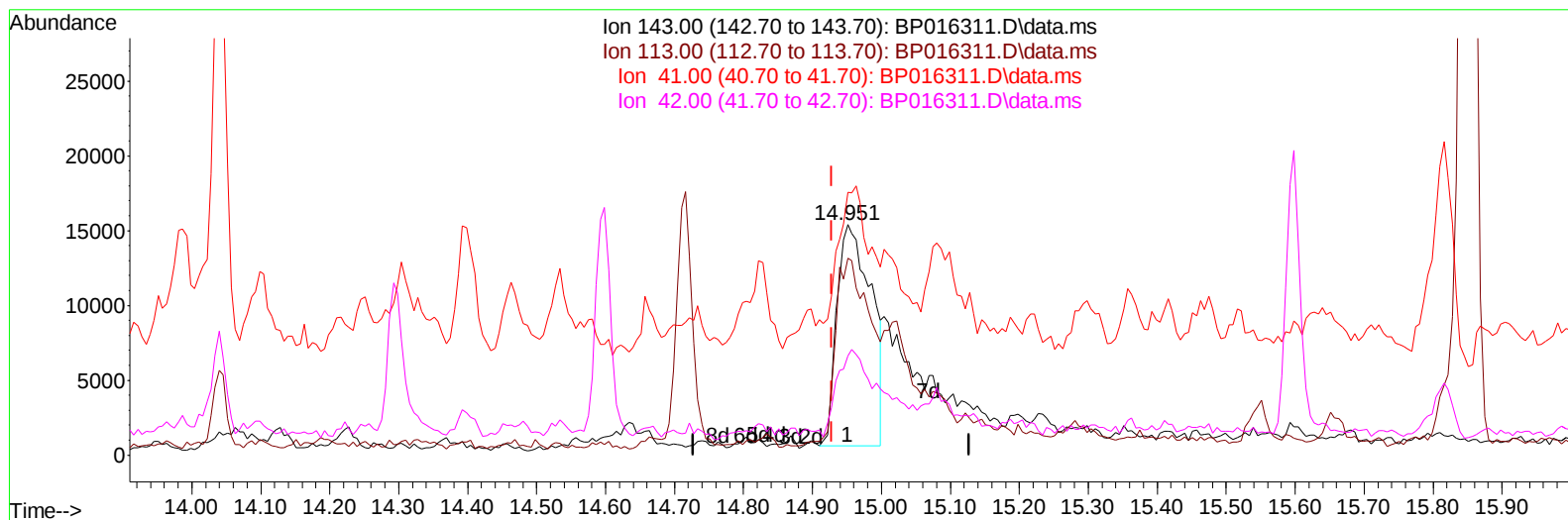
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
 Data File : BP016311.D
 Acq On : 19 Jul 2023 01:27
 Operator : MA/JU
 Sample : 03501-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46W1

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 07/19/2023
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TIC: BP016311.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.951min (+ 0.024) 5.98 ng/u1

response 50945

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	79.50	85.28
41.00	49.30	113.89#
42.00	32.70	42.97#

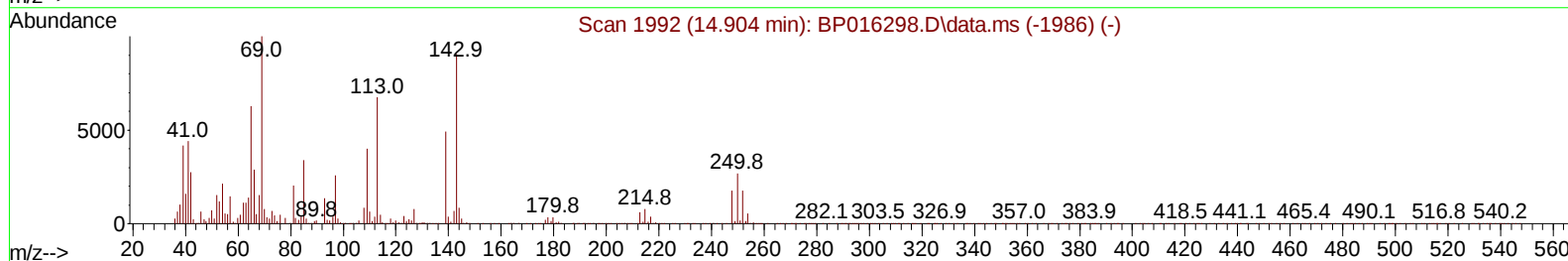
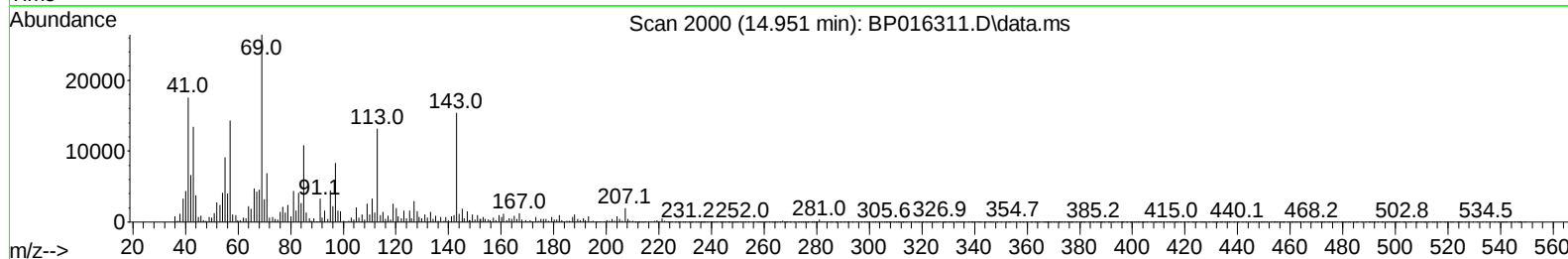
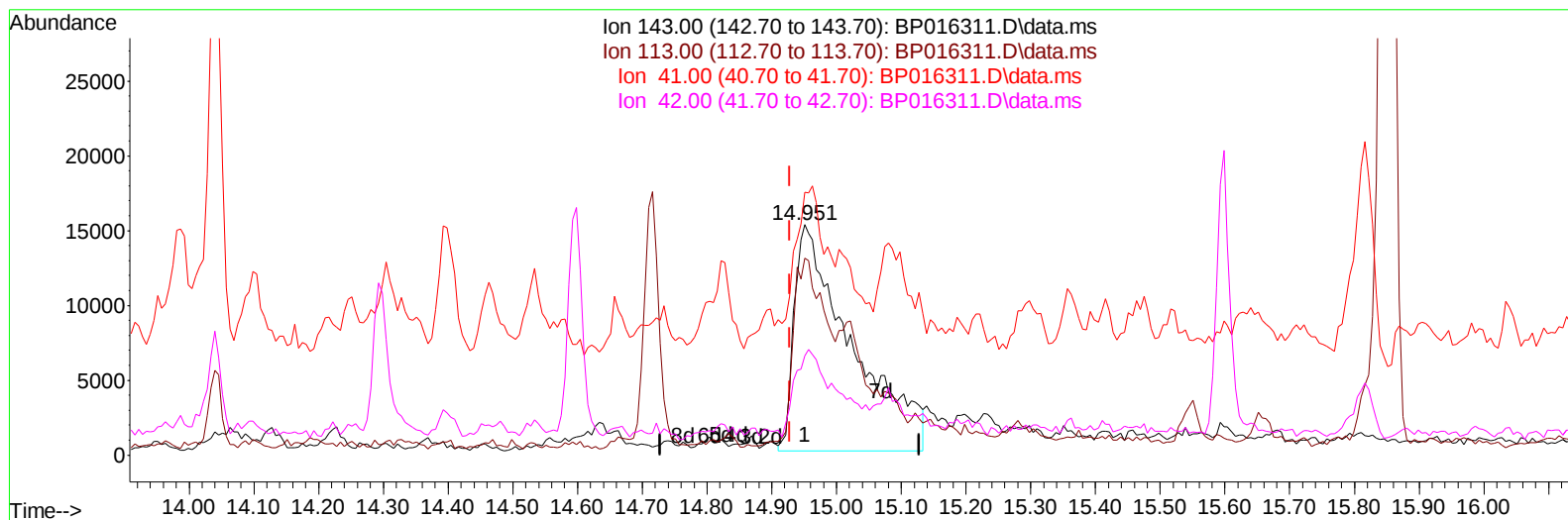
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
 Data File : BP016311.D
 Acq On : 19 Jul 2023 01:27
 Operator : MA/JU
 Sample : 03501-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46W1

Manual IntegrationsAPPROVED

Quant Time: Jul 19 03:34:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
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 QLast Update : Wed Jul 19 01:28:59 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023



TIC: BP016311.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.951min (+ 0.024) 10.92 ng/ul m

response 93036

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	79.50	85.28
41.00	49.30	113.89#
42.00	32.70	42.97#

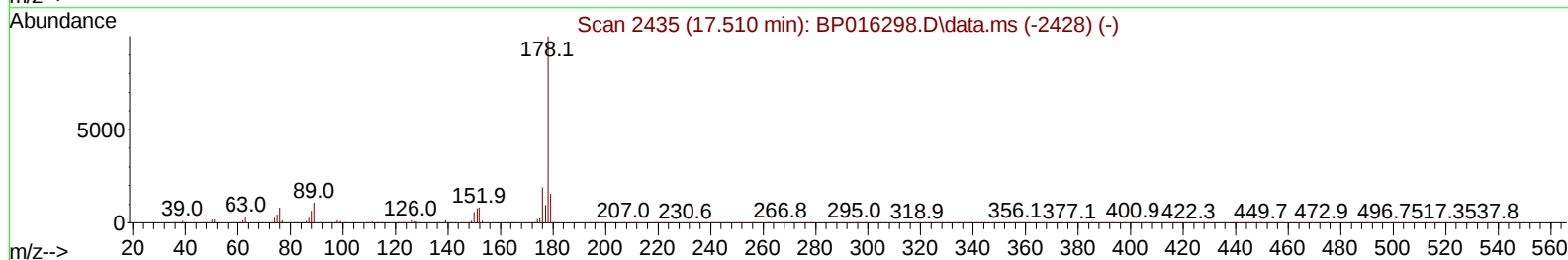
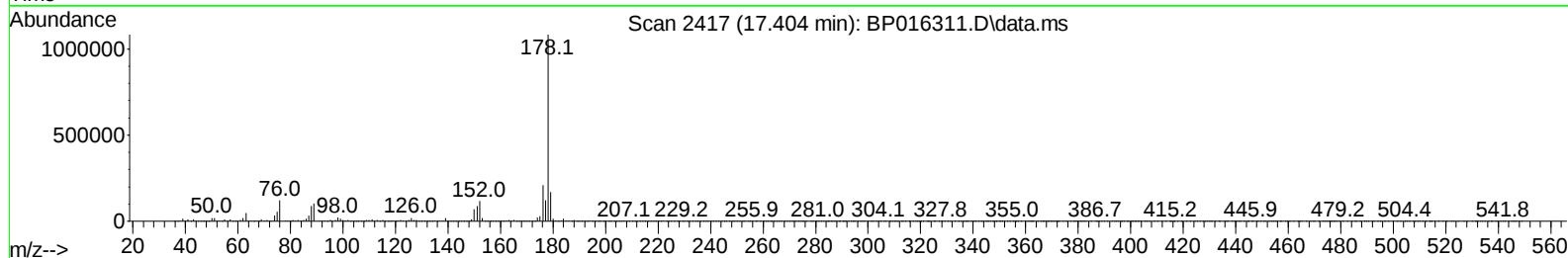
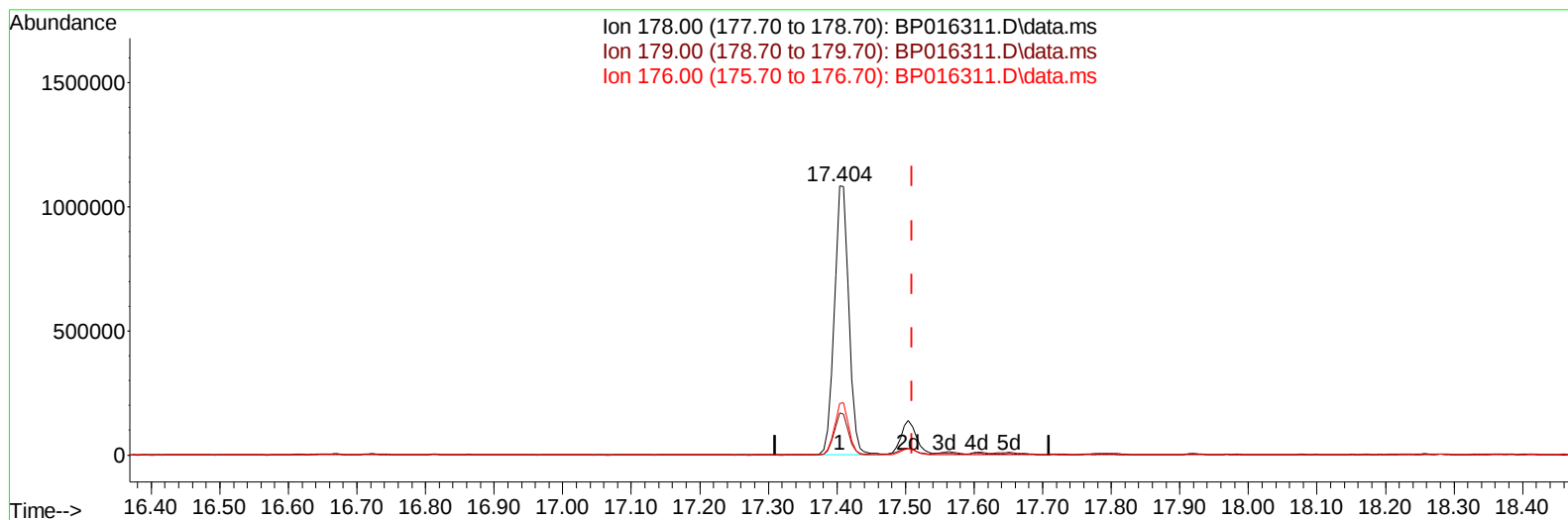
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 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46W1

Manual IntegrationsAPPROVED

Quant Time: Jul 19 03:36:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
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TIC: BP016311.D\data.ms

(74) Anthracene

17.404min (-0.106) 21.36 ng/u1

response 1578930

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.90	15.74
176.00	18.70	19.29
0.00	0.00	0.00

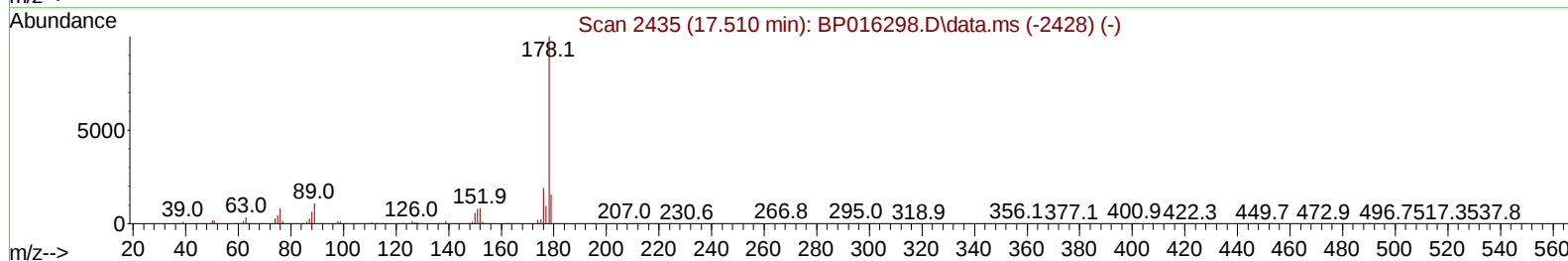
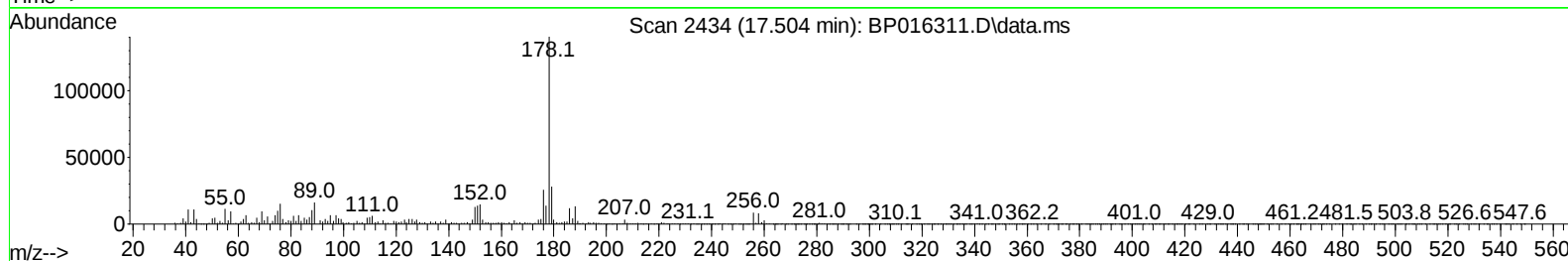
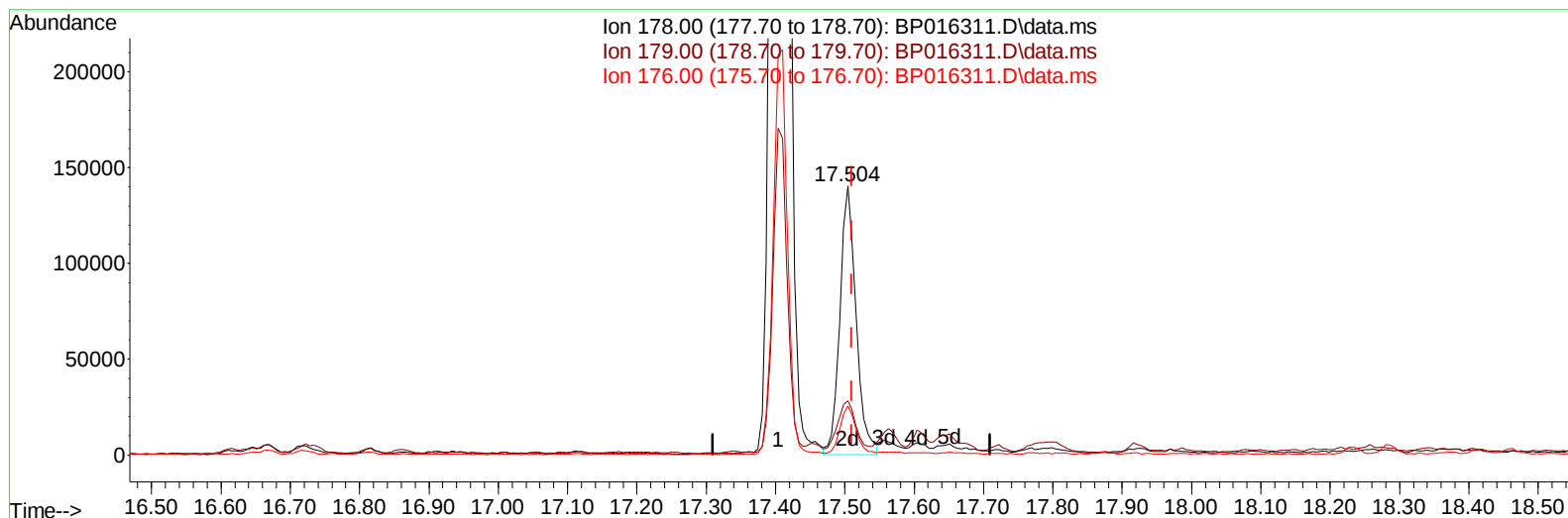
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 Supervised By :mohammad ahmed 07/19/2023



TIC: BP016311.D\data.ms

(74) Anthracene

17.504min (-0.006) 3.05 ng/ul m

response 225341

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.90	20.16#
176.00	18.70	18.41
0.00	0.00	0.00

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Instrument :
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 ClientSampleId :
 A46W1

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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.940	152		219535	20.000	ng/ul	0.00
20) Naphthalene-d8	10.763	136		895087	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.598	164		547122	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.363	188		1411796	20.000	ng/ul	0.00
79) Chrysene-d12	21.457	240		1059378	20.000	ng/ul	0.00
88) Perylene-d12	23.951	264		855063	20.000	ng/ul	-0.01
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.281	96		17518	2.824	ng/uL	0.00
4) Pyridine-d5	3.705	84		154743m	10.001	ng/ul	-0.02
7) Phenol-d5	7.157	99		205357	10.356	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.281	67		212738	15.866	ng/ul	0.00
11) 2-Chlorophenol-d4	7.493	132		185006	12.924	ng/ul	0.02
15) 4-Methylphenol-d8	8.769	113		57357m	3.591	ng/ul	0.08
21) Nitrobenzene-d5	9.152	128		132701	21.489	ng/ul	0.01
24) 2-Nitrophenol-d4	9.875	143		146495	20.815	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.481	165		119339	9.792	ng/ul	0.05
31) 4-Chloroaniline-d4	11.087	131		5327m	0.273	ng/ul	0.15
46) Dimethylphthalate-d6	14.016	166		914559	21.913	ng/ul	0.00
49) Acenaphthylene-d8	14.298	160		903621	19.757	ng/ul	0.00
54) 4-Nitrophenol-d4	14.951	143		93036m	10.923	ng/ul	0.02
60) Fluorene-d10	15.598	176		788687	22.580	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200		56604	6.945	ng/ul	0.02
73) Anthracene-d10	17.469	188		739942	11.982	ng/ul	0.00
81) Pyrene-d10	19.698	212		877608	15.965	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.792	264		222089	5.409	ng/ul	0.00
Target Compounds							
						Qvalue	
16) Acetophenone	8.822	105		42635	1.619	ng/ul	97
30) Naphthalene	10.816	128		50626	1.078	ng/ul	100
52) Acenaphthene	14.663	153		100439	2.827	ng/ul	98
56) Dibenzofuran	15.022	168		75764	1.566	ng/ul	99
61) Fluorene	15.657	166		135880	3.361	ng/ul	98
72) Phenanthrene	17.404	178		1578930	21.464	ng/ul	100
74) Anthracene	17.504	178		225341m	3.049	ng/ul	
80) Fluoranthene	19.375	202		2334124	36.311	ng/ul	99
82) Pyrene	19.727	202		1370809	19.974	ng/ul	99
85) Benzo(a)anthracene	21.445	228		870026	12.612	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.321	149		1522071	34.423	ng/ul	99
87) Chrysene	21.498	228		886726	12.688	ng/ul	97
90) Benzo(b)fluoranthene	23.192	252		810774	16.600	ng/ul	96
91) Benzo(k)fluoranthene	23.239	252		288933	5.813	ng/ul	97
93) Benzo(a)pyrene	23.839	252		116422	2.406	ng/ul#	88
94) Indeno(1,2,3-cd)pyrene	26.598	276		167279	2.792	ng/ul	99
95) Dibenzo(a,h)anthracene	26.592	278		83462	1.708	ng/ul#	92

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

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