

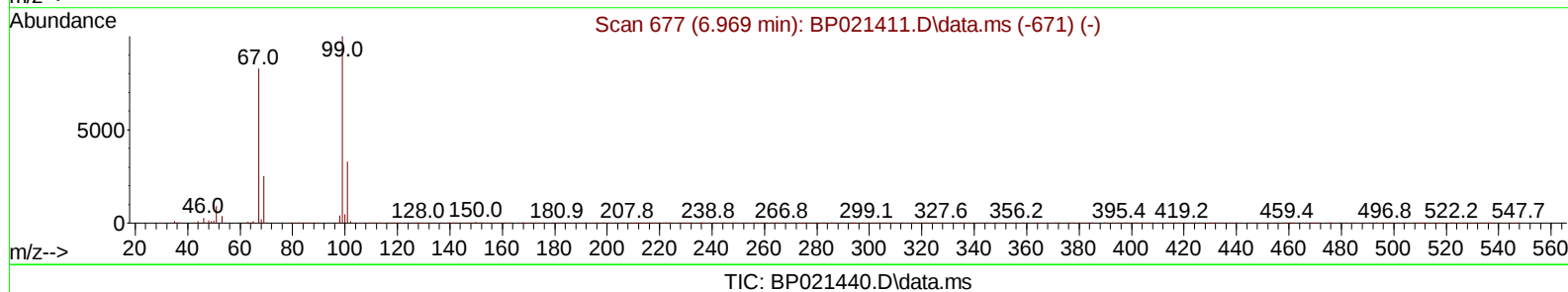
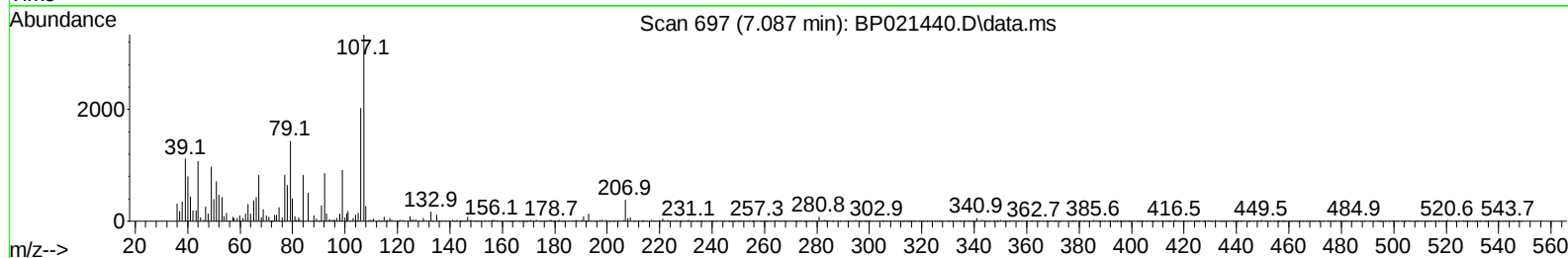
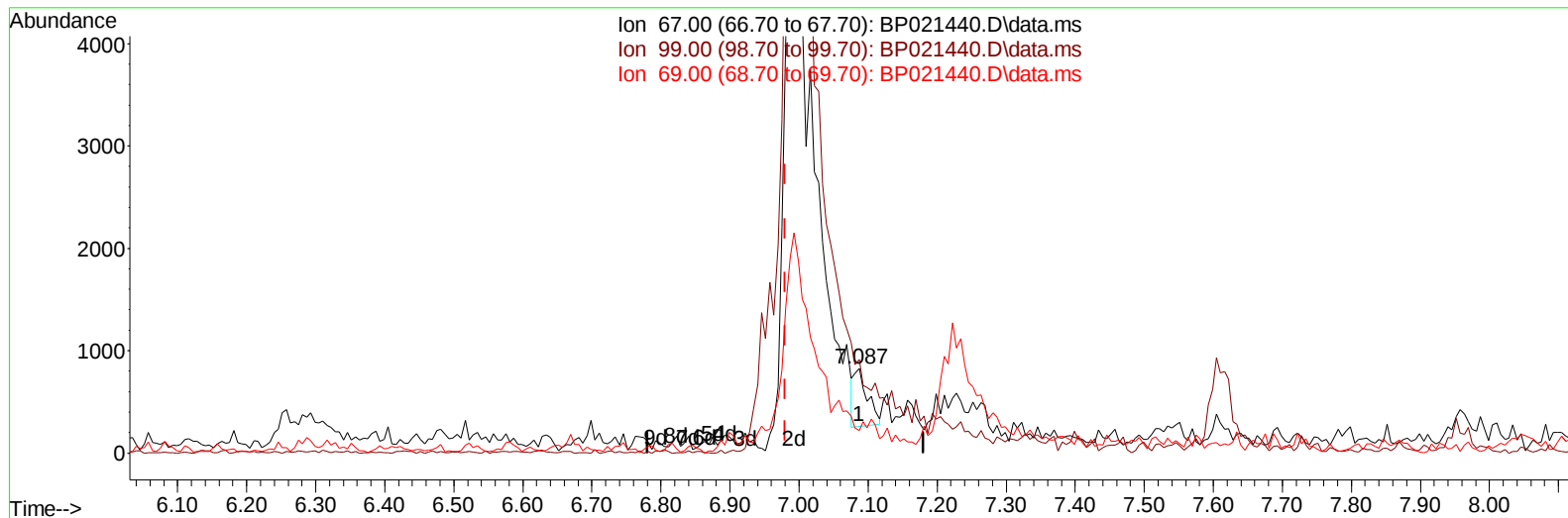
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Data File : BP021440.D
Acq On : 08 Aug 2024 07:12
Operator : CG/JU
Sample : P3378-02DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AX7DL

Manual IntegrationsAPPROVED

Quant Time: Aug 08 07:45:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/09/2024



(9) Bis-(2-Chloroethyl)ether-d8 (S)

7.087min (+ 0.106) 0.12 ng/u1

response 770

Ion	Exp%	Act%
67.00	100.00	100.00
99.00	122.50	110.55
69.00	30.60	26.42
0.00	0.00	0.00

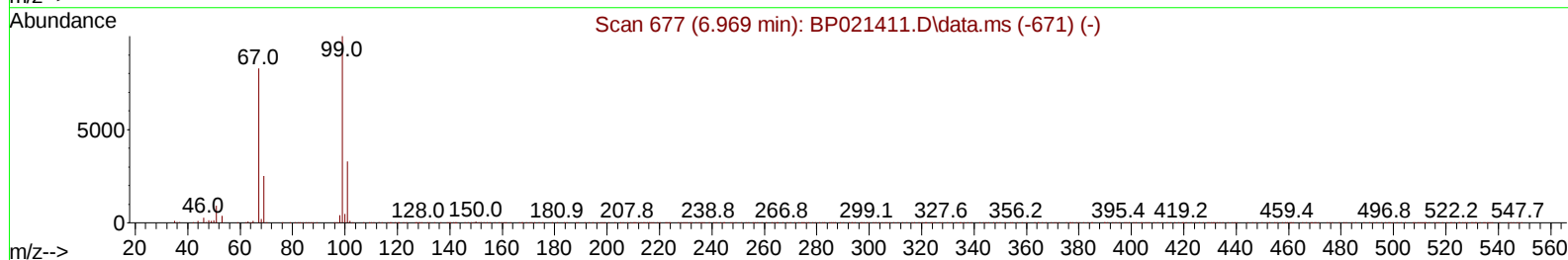
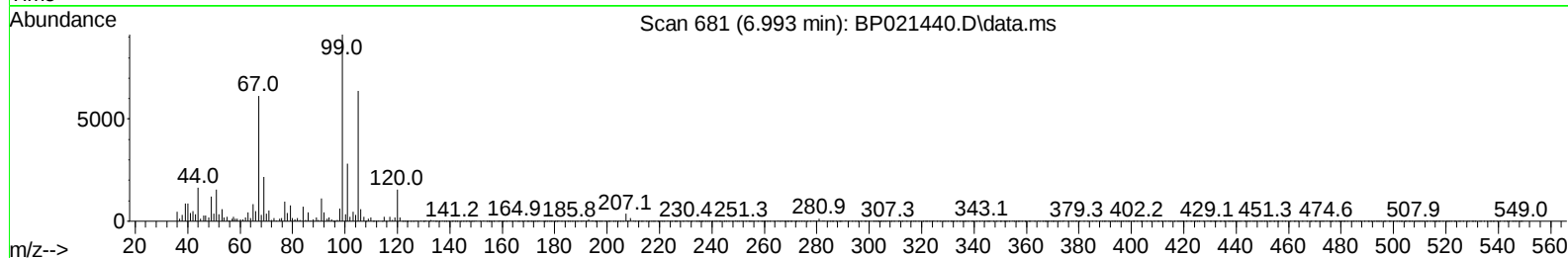
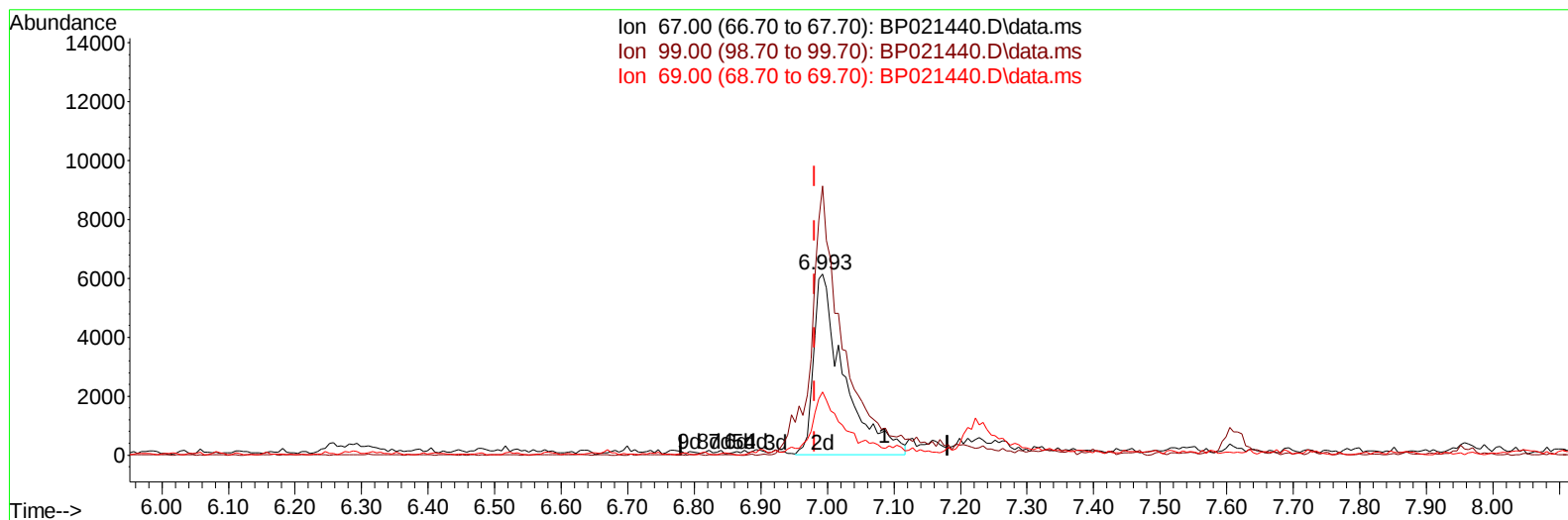
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TIC: BP021440.D\data.ms

(9) Bis-(2-Chloroethyl)ether-d8 (S)

6.993min (+ 0.012) 3.06 ng/ul m

response 19488

Ion	Exp%	Act%
67.00	100.00	100.00
99.00	122.50	148.72#
69.00	30.60	35.09
0.00	0.00	0.00

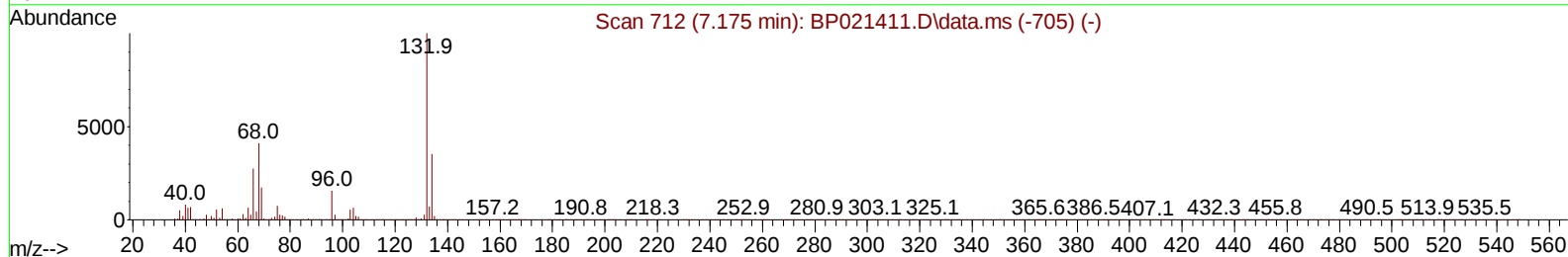
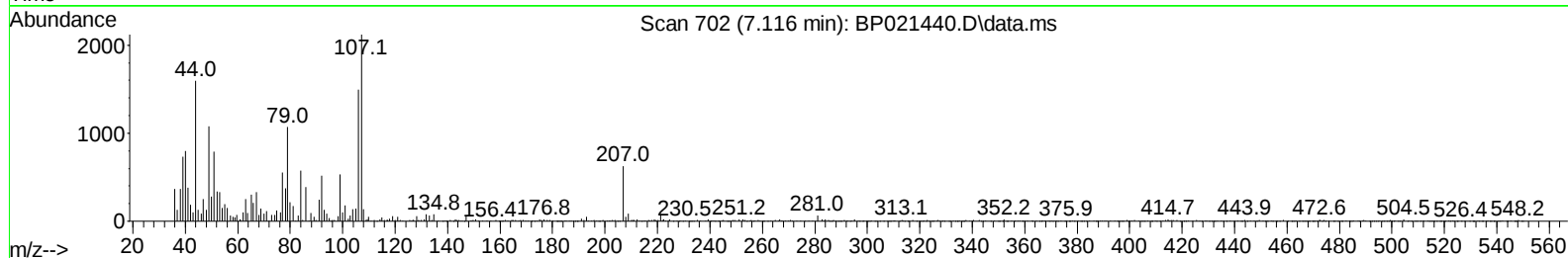
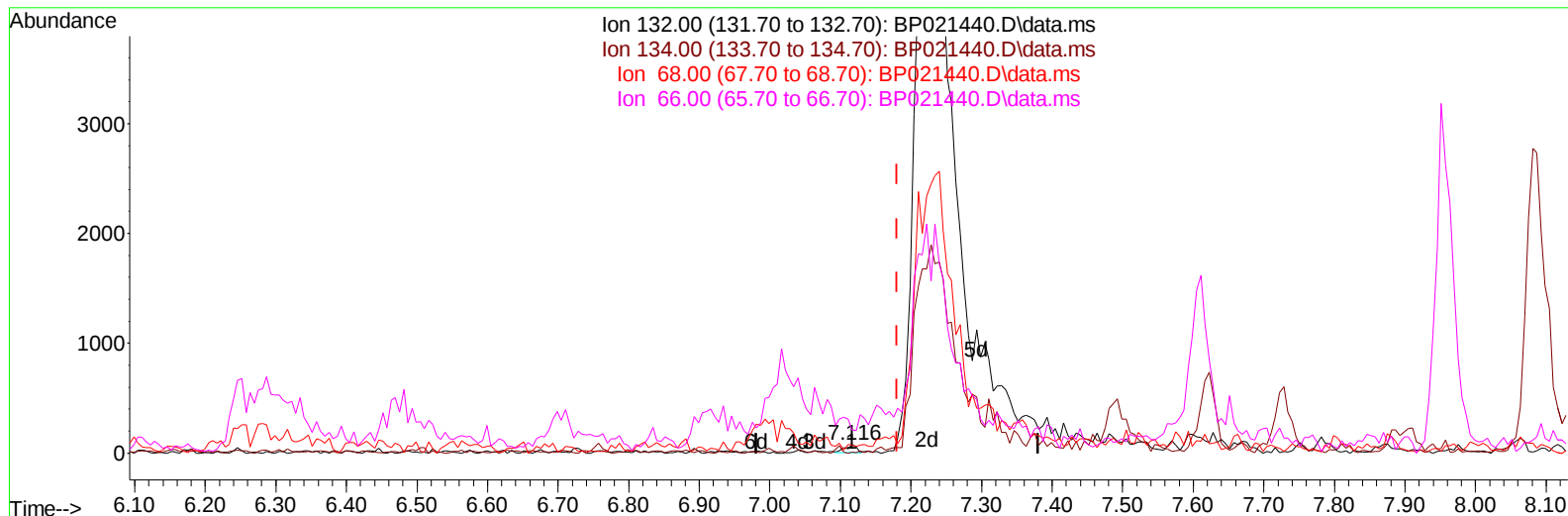
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Instrument :
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ClientSampleId :
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TIC: BP021440.D\data.ms

(11) 2-Chlorophenol-d4 (S)

7.116min (-0.064) 0.01 ng/u1

response 79

Ion	Exp%	Act%
132.00	100.00	100.00
134.00	32.30	15.58#
68.00	39.60	92.21#
66.00	27.60	271.43#

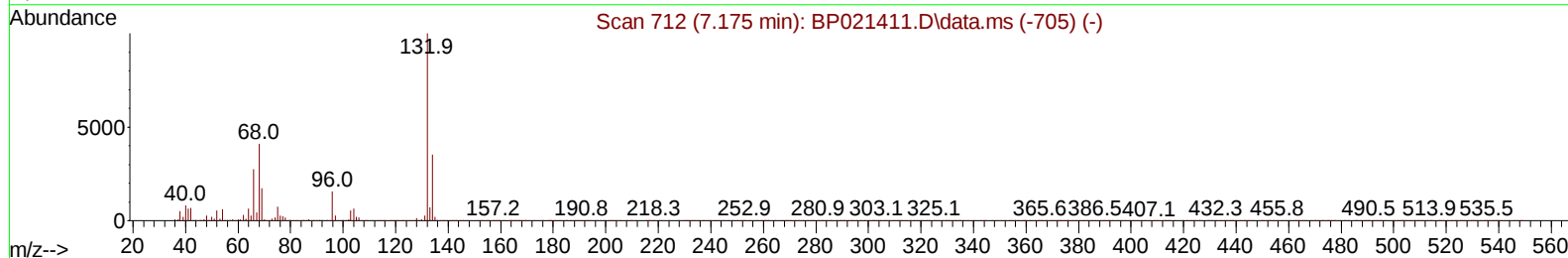
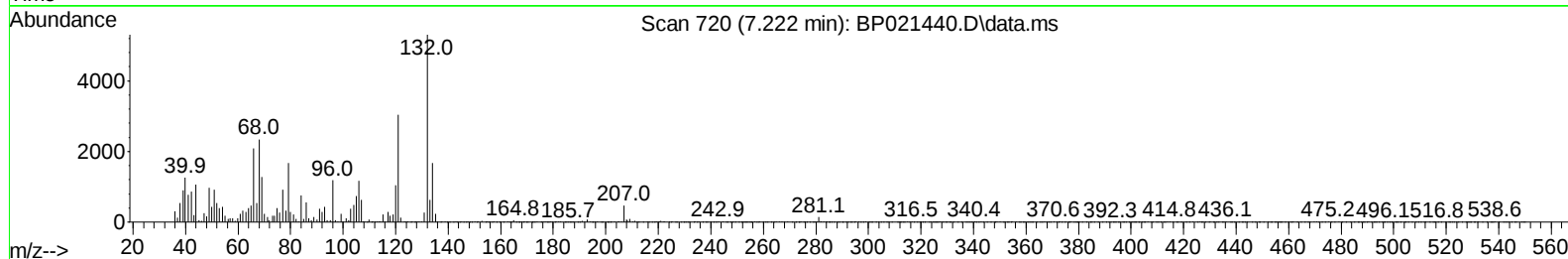
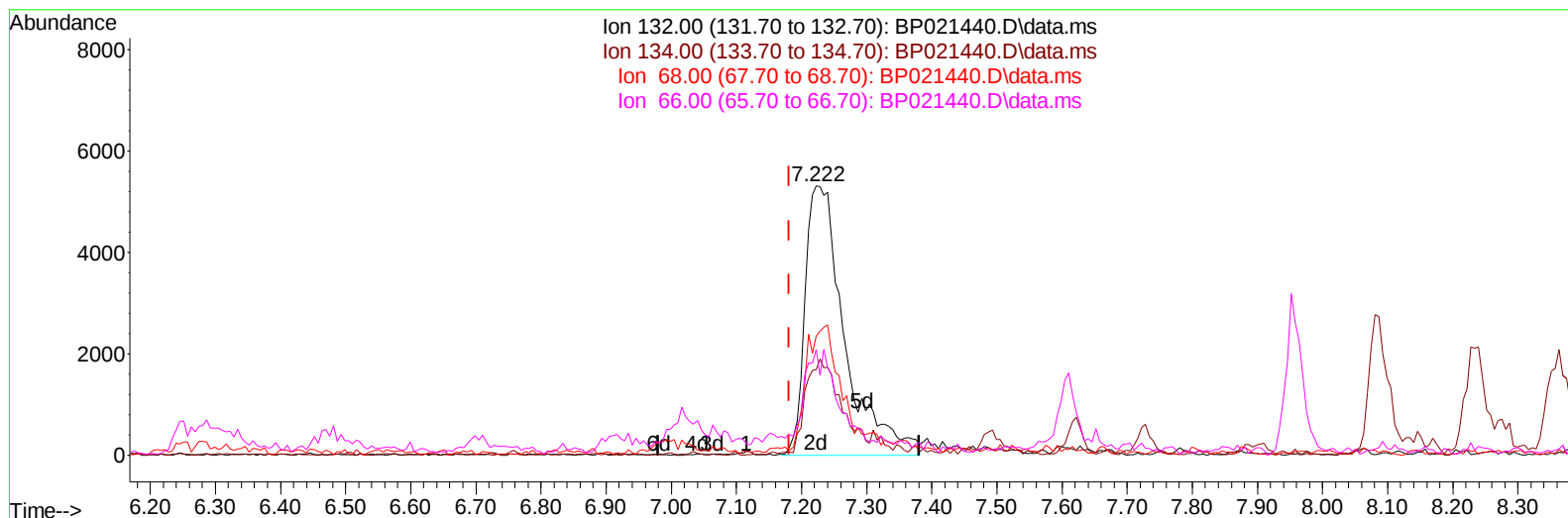
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 Sample : P3378-02DL 10X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AX7DL

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TIC: BP021440.D\data.ms

(11) 2-Chlorophenol-d4 (S)

7.222min (+ 0.042) 2.61 ng/ul m

response 22572

Ion	Exp%	Act%
132.00	100.00	100.00
134.00	32.30	31.65
68.00	39.60	44.13
66.00	27.60	39.38#

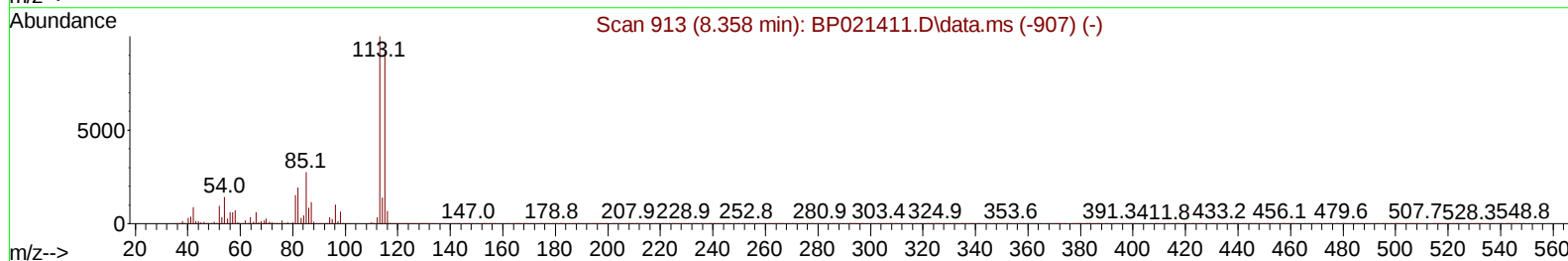
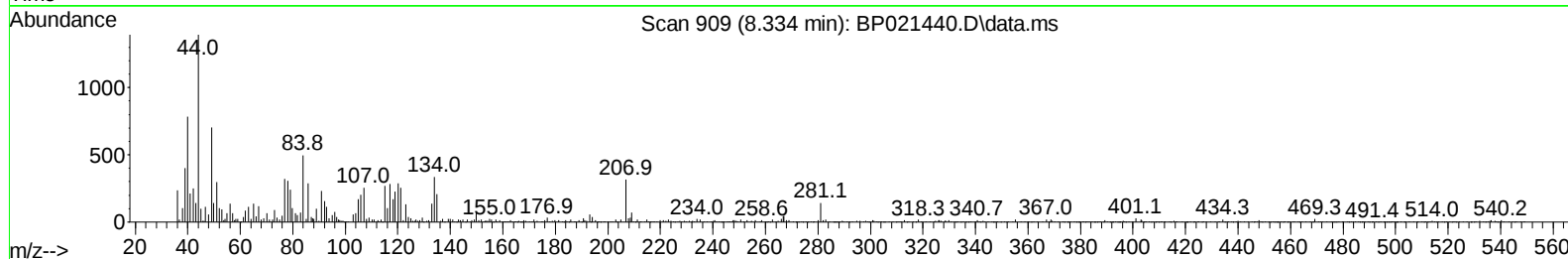
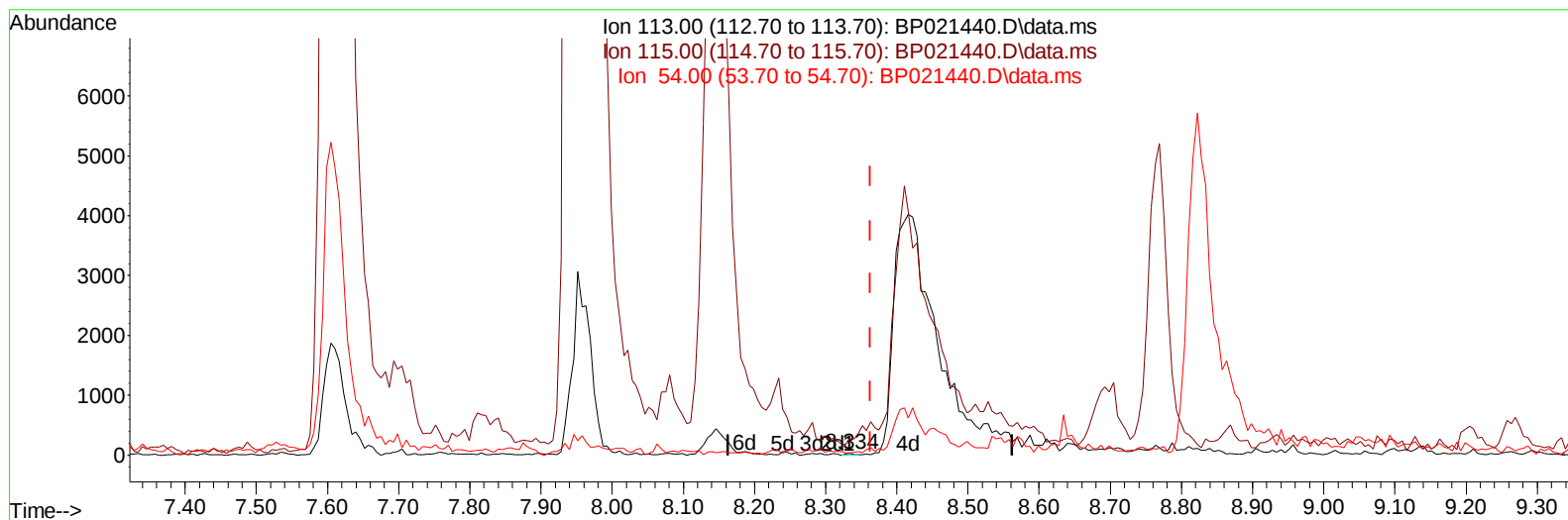
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
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Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AX7DL

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TIC: BP021440.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.334min (-0.029) 0.00 ng/u1

response 18

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	93.20	988.89#
54.00	13.70	137.04#
0.00	0.00	0.00

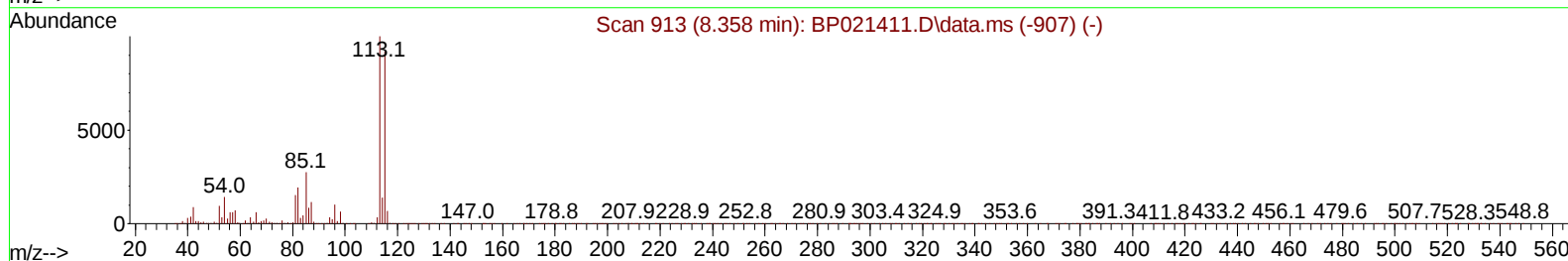
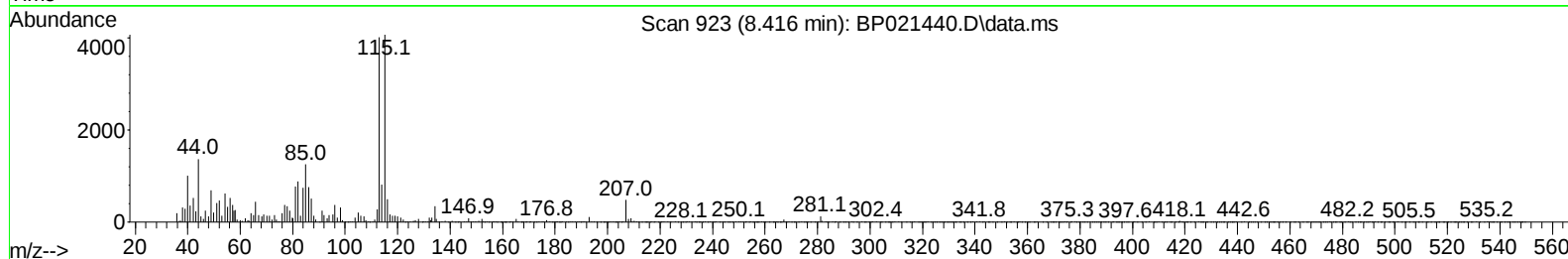
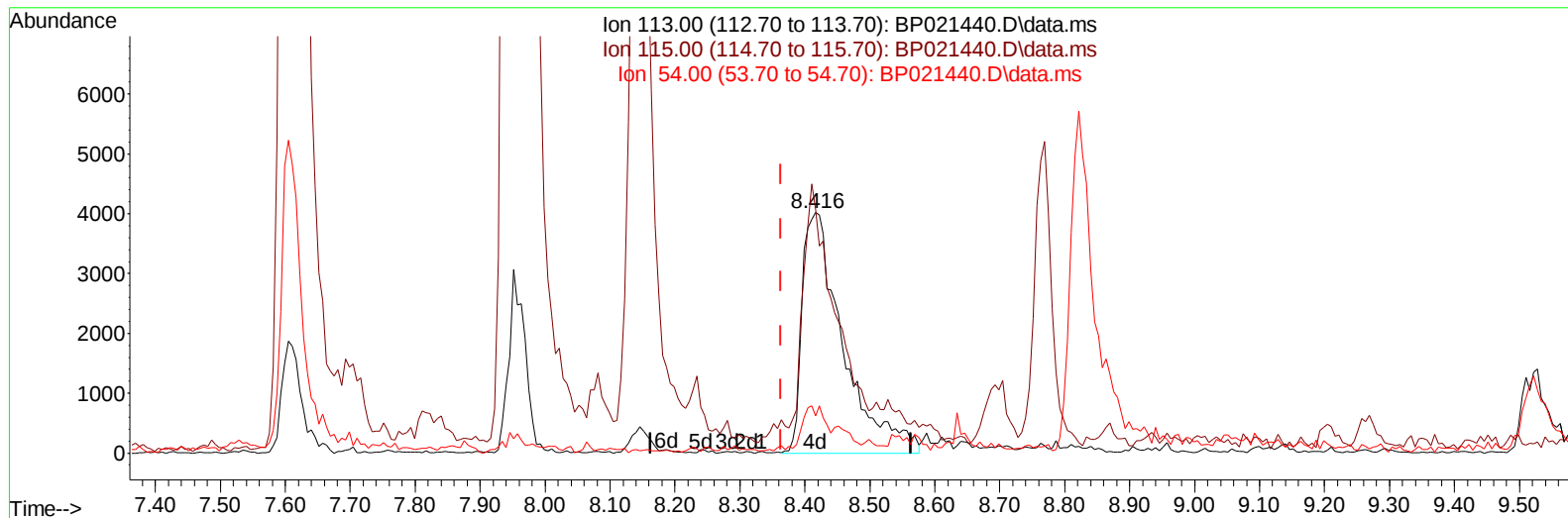
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Data File : BP021440.D
Acq On : 08 Aug 2024 07:12
Operator : CG/JU
Sample : P3378-02DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AX7DL

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 08/08/2024
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TIC: BP021440.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.416min (+ 0.053) 2.02 ng/ul m

response 17619

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	93.20	101.39
54.00	13.70	15.51
0.00	0.00	0.00

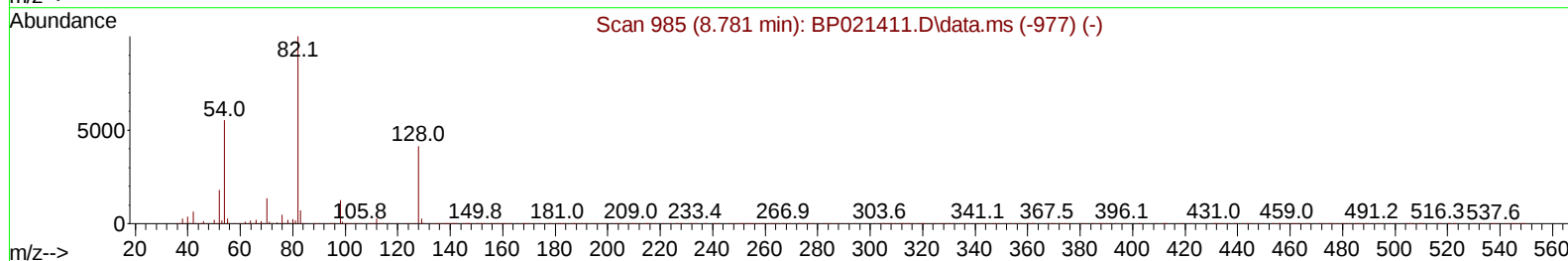
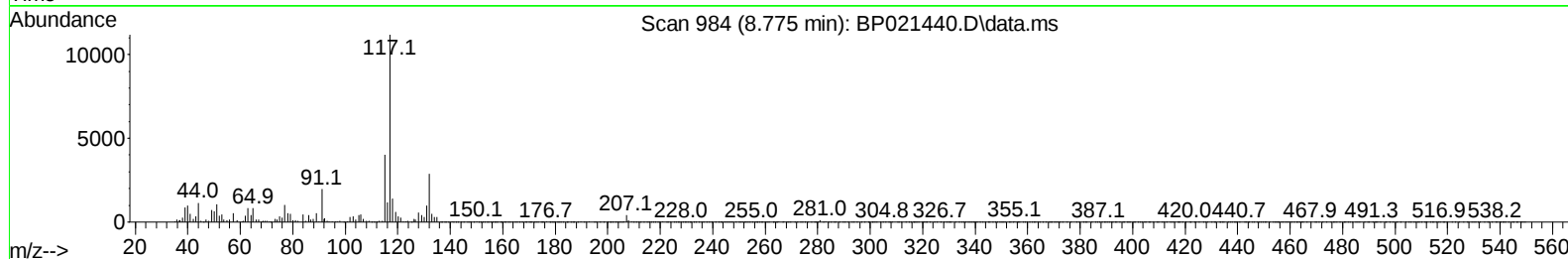
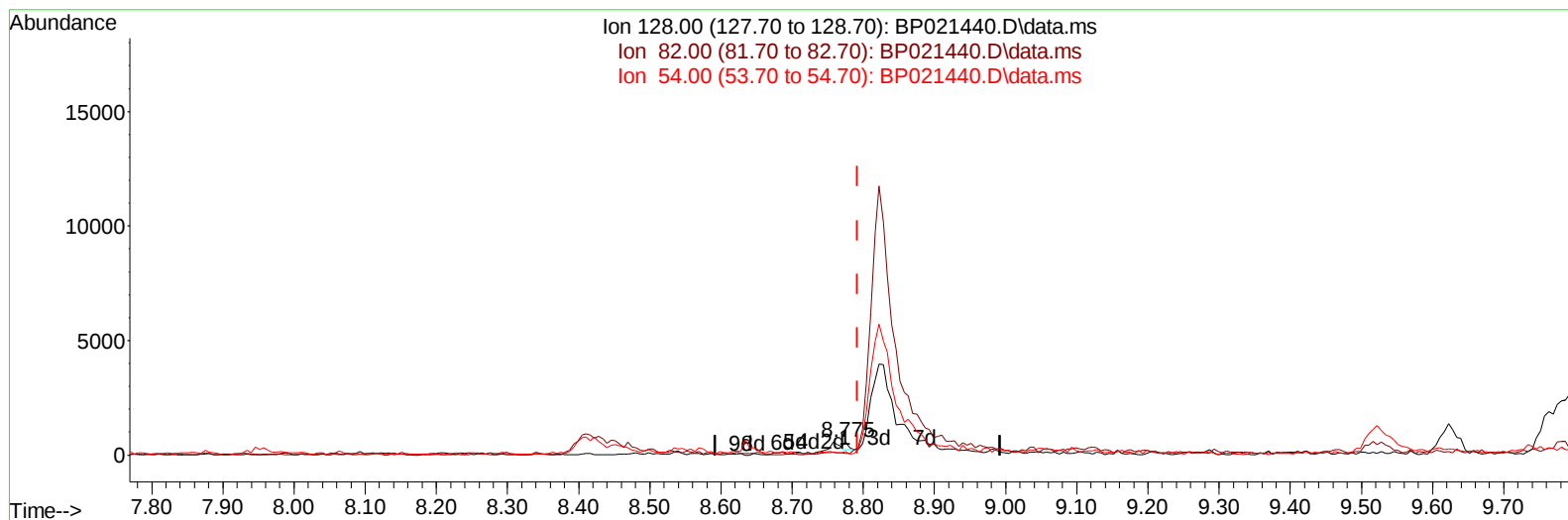
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 Operator : CG/JU
 Sample : P3378-02DL 10X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AX7DL

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 08/08/2024
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TIC: BP021440.D\data.ms

(21) Nitrobenzene-d5 (S)

8.775min (-0.017) 0.04 ng/u1

response 156

Ion	Exp%	Act%
128.00	100.00	100.00
82.00	236.60	13.08#
54.00	125.70	25.30#
0.00	0.00	0.00

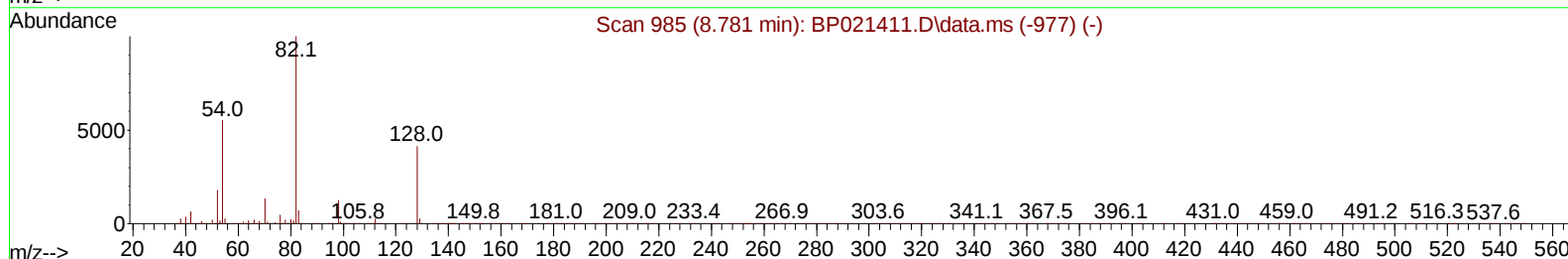
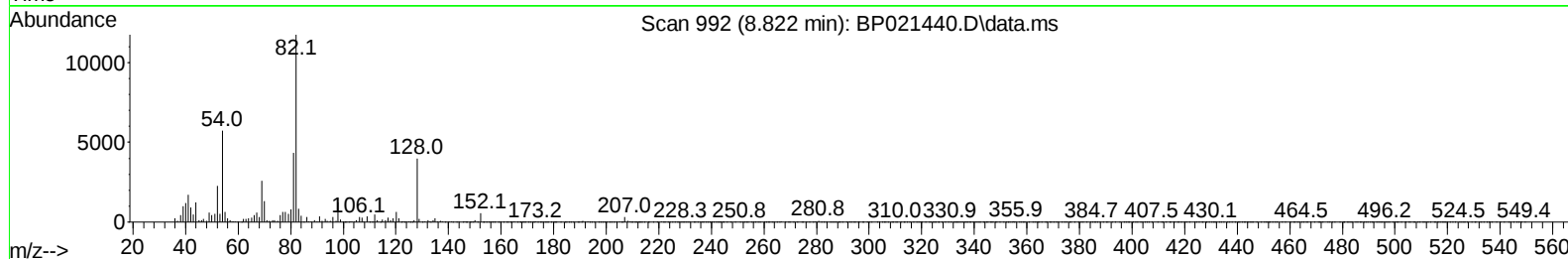
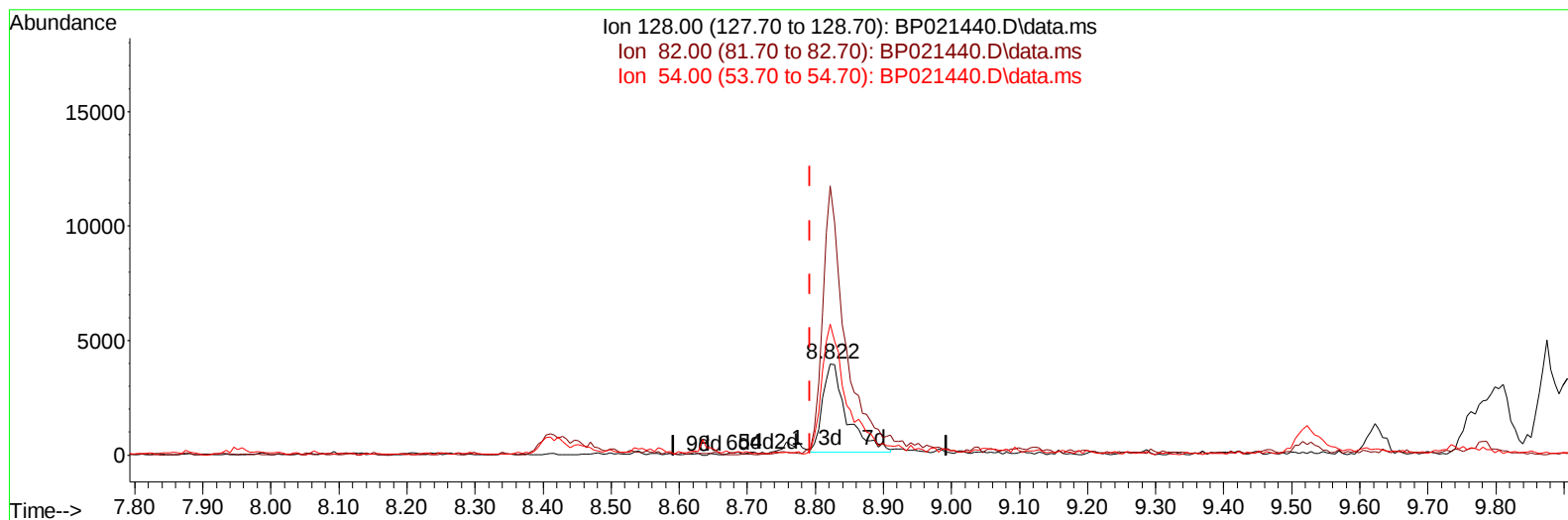
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Data File : BP021440.D
Acq On : 08 Aug 2024 07:12
Operator : CG/JU
Sample : P3378-02DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AX7DL

Manual IntegrationsAPPROVED

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
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Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/09/2024



TIC: BP021440.D\data.ms

(21) Nitrobenzene-d5 (S)

8.822min (+ 0.030) 2.33 ng/u1 m

response 9619

Ion	Exp%	Act%
128.00	100.00	100.00
82.00	236.60	295.27#
54.00	125.70	143.85
0.00	0.00	0.00

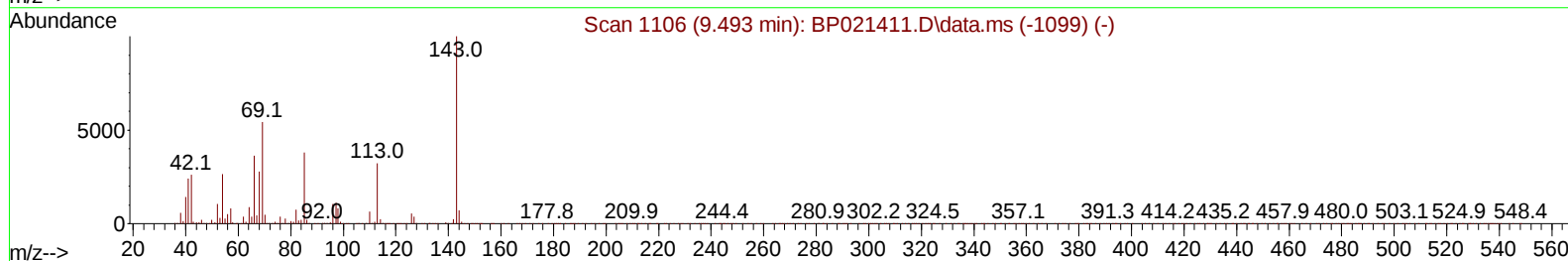
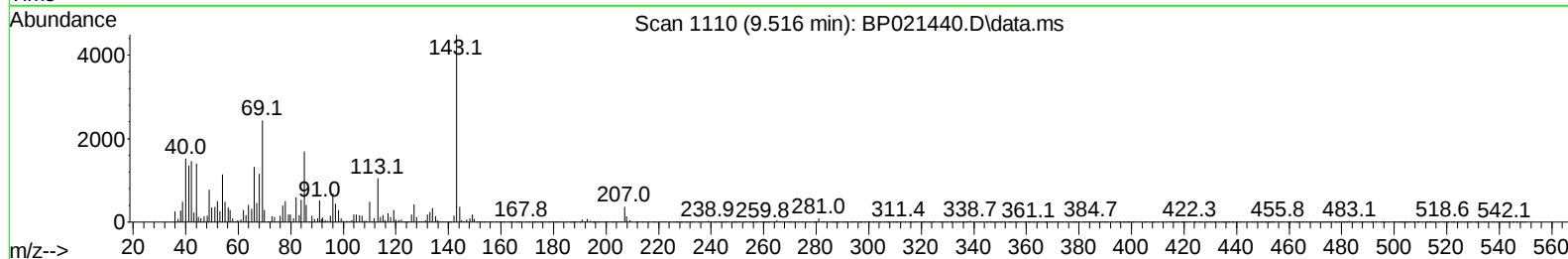
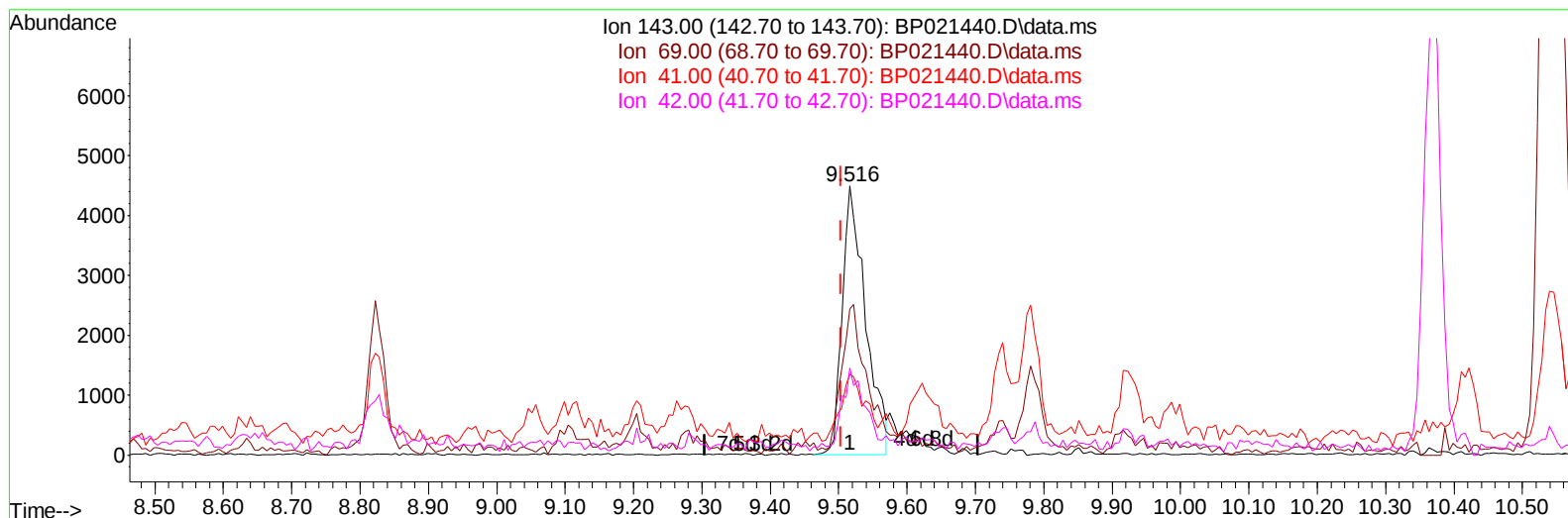
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Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AX7DL

Manual IntegrationsAPPROVED

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TIC: BP021440.D\data.ms

(24) 2-Nitrophenol-d4 (S)

9.516min (+ 0.012) 2.26 ng/u1

response 10641

Ion	Exp%	Act%
143.00	100.00	100.00
69.00	50.20	54.36
41.00	22.70	30.14#
42.00	22.10	32.55#

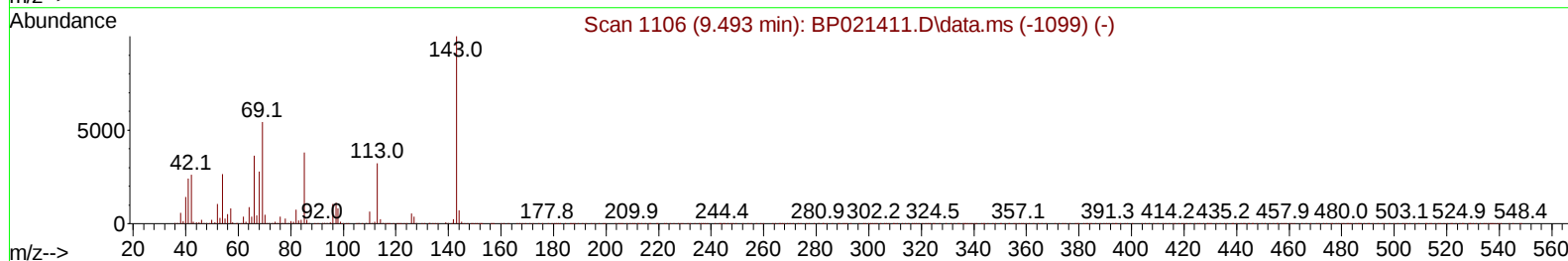
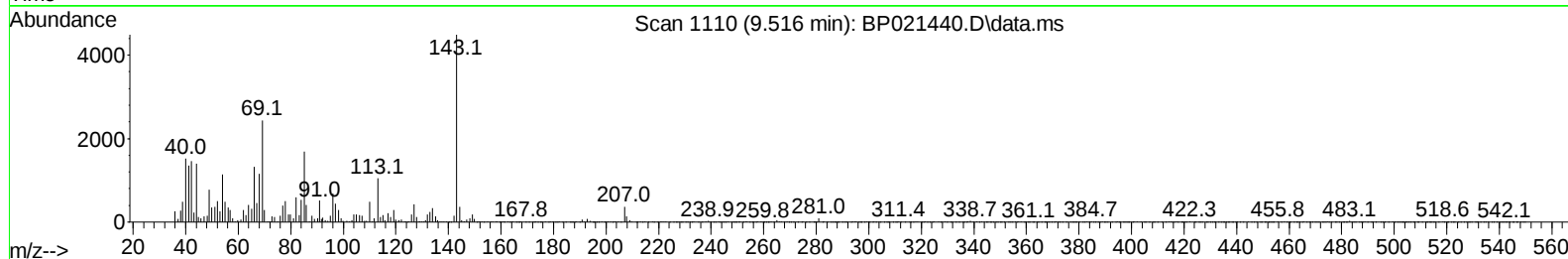
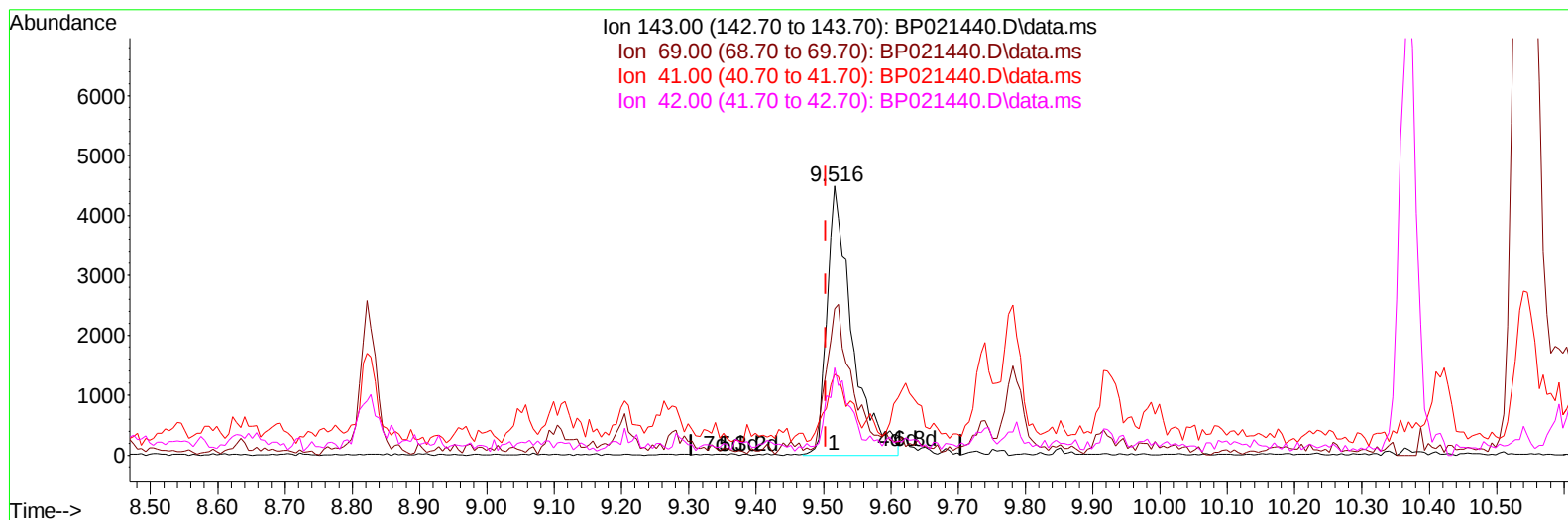
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 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_P
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TIC: BP021440.D\data.ms

(24) 2-Nitrophenol-d4 (S)

9.516min (+ 0.012) 2.47 ng/ul m

response 11668

Ion	Exp%	Act%
143.00	100.00	100.00
69.00	50.20	54.36
41.00	22.70	30.14#
42.00	22.10	32.55#

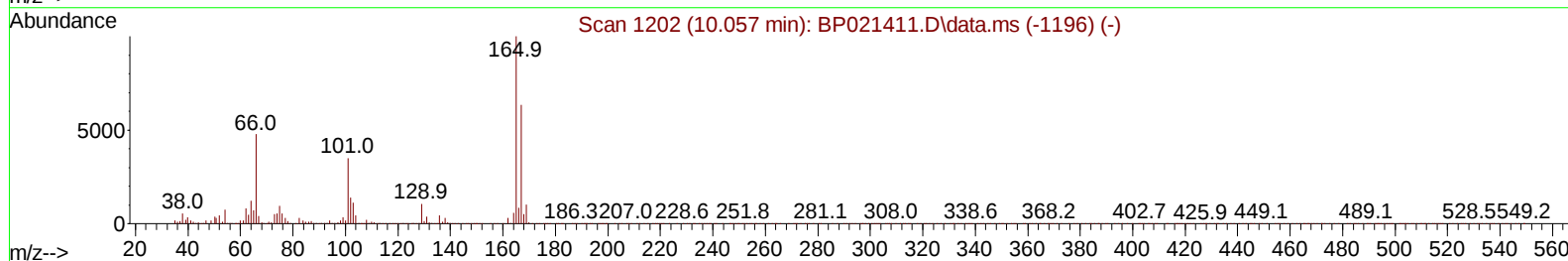
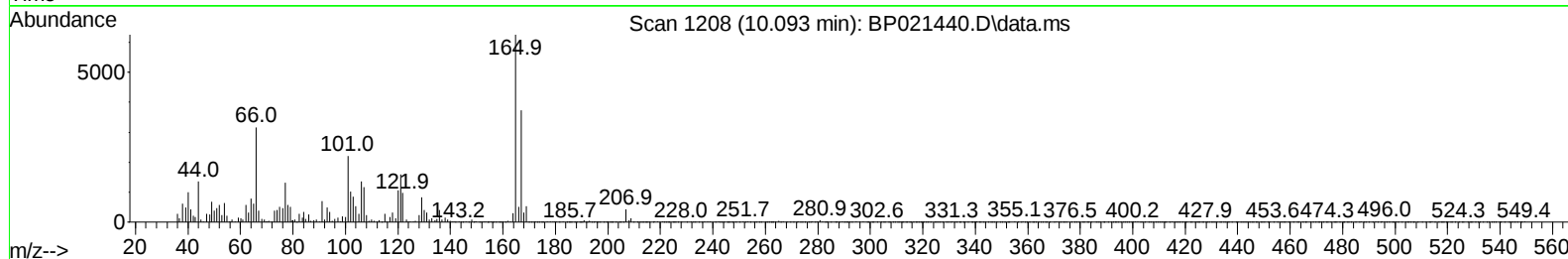
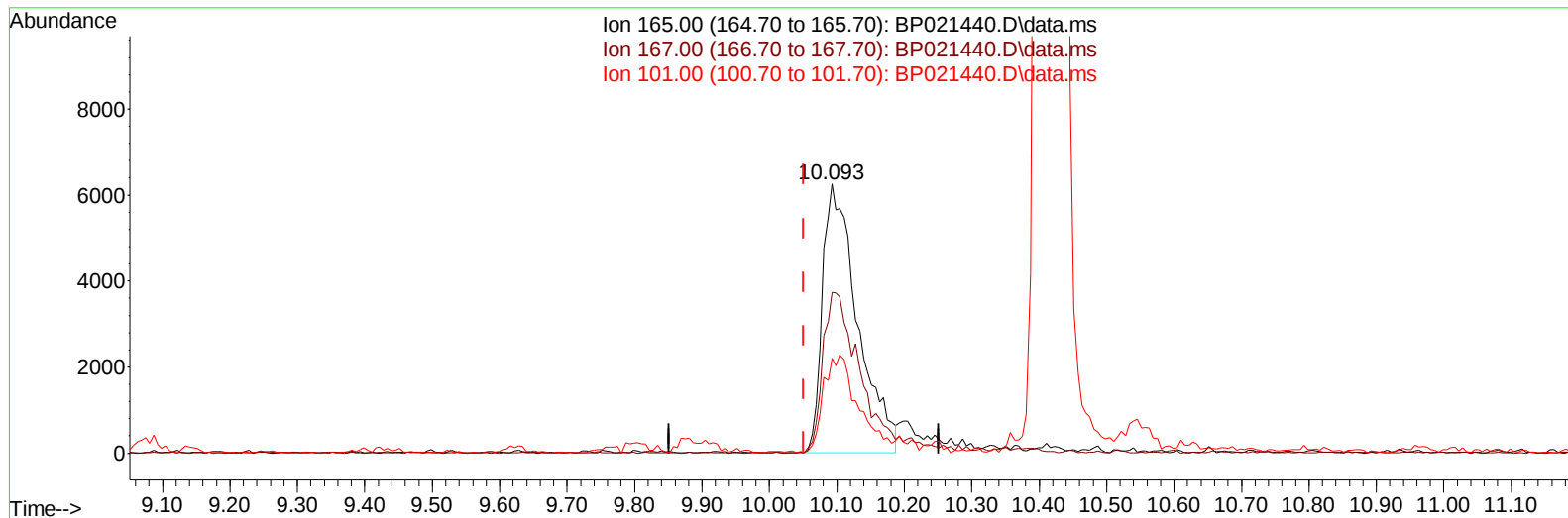
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TIC: BP021440.D\data.ms

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

10.093min (+ 0.042) 2.64 ng/u1

response 22504

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	62.80	59.71
101.00	35.50	35.31
0.00	0.00	0.00

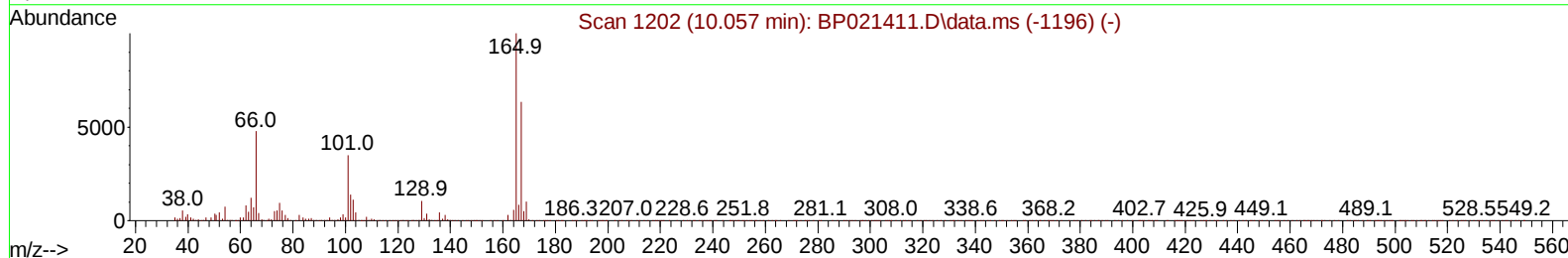
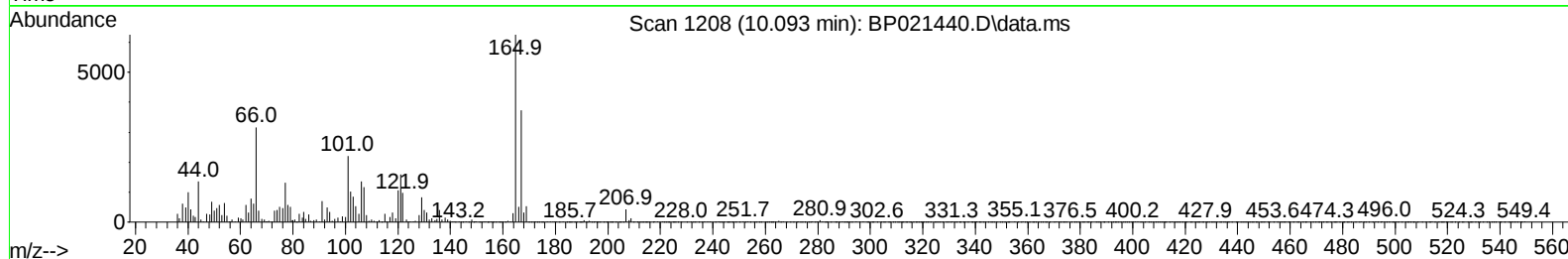
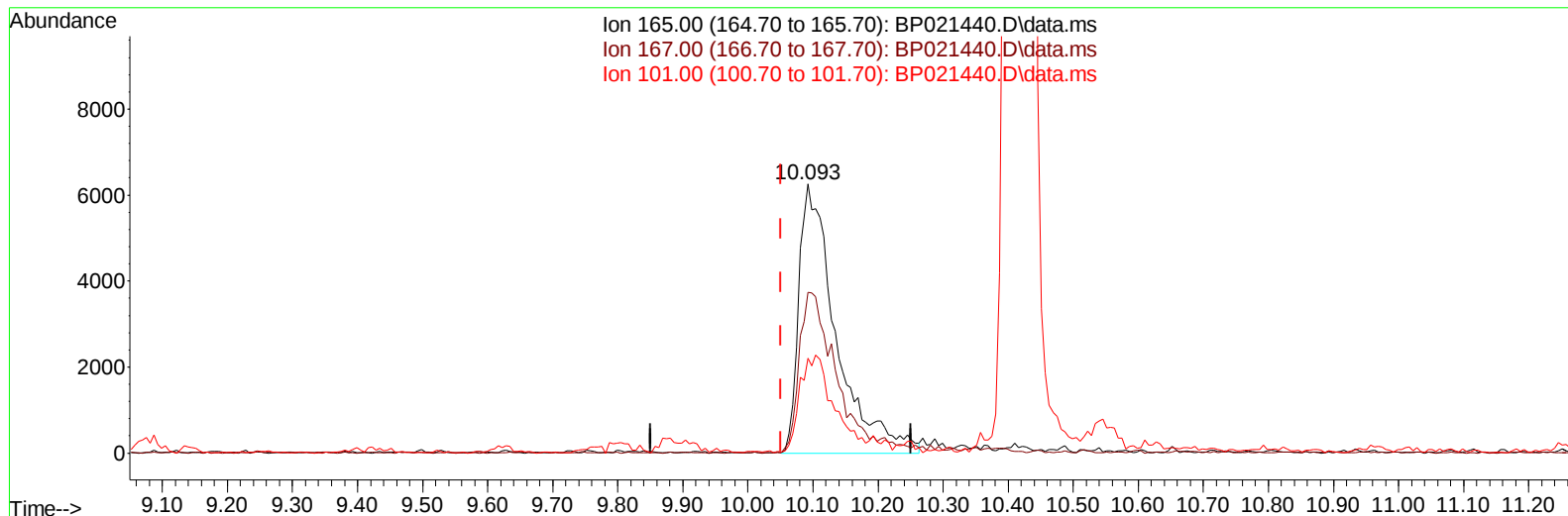
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ALS Vial : 32 Sample Multiplier: 1

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TIC: BP021440.D\data.ms

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

10.093min (+ 0.042) 2.89 ng/ul m

response 24695

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	62.80	59.71
101.00	35.50	35.31
0.00	0.00	0.00

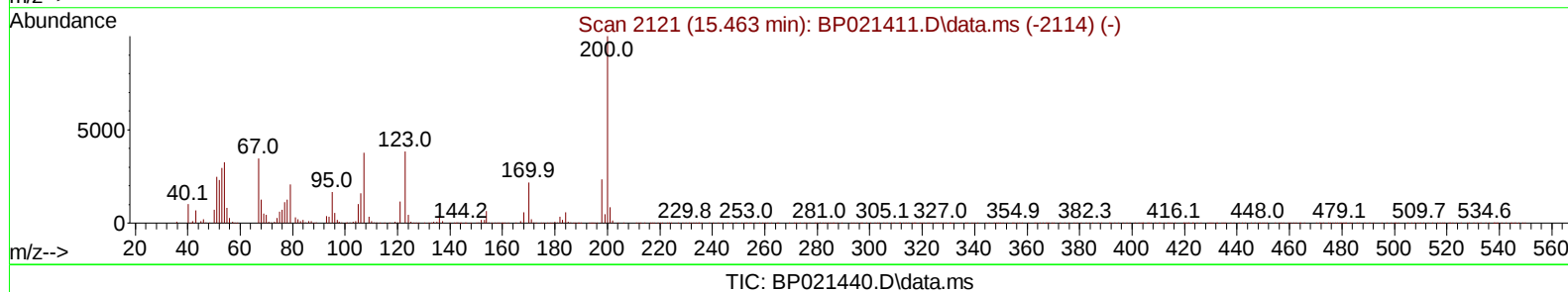
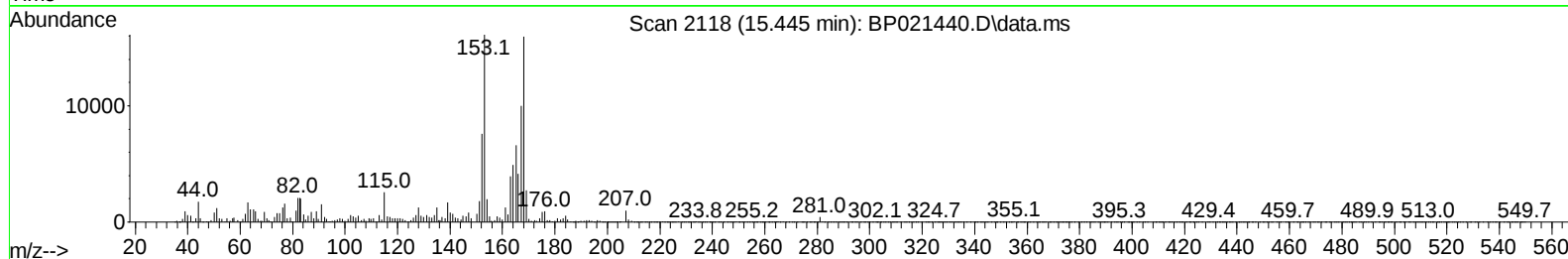
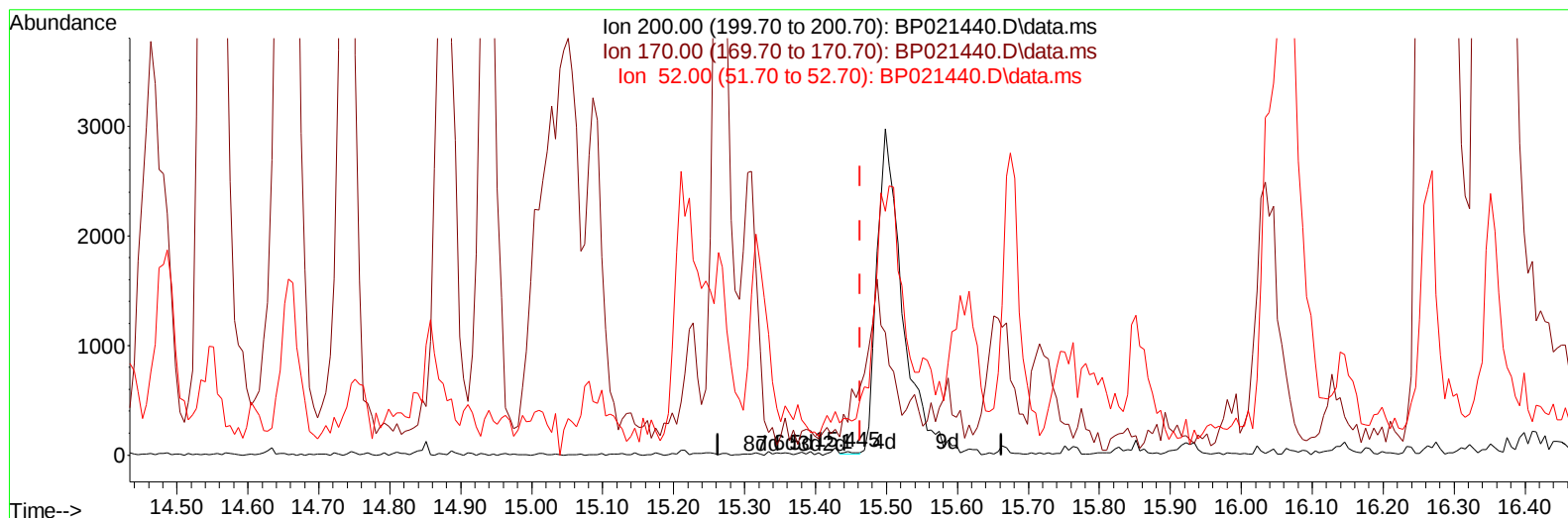
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Supervised By :mohammad ahmed 08/09/2024



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

15.445min (-0.017) 0.00 ng/u1

response 20

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.00	961.29#
52.00	38.50	1067.74#
0.00	0.00	0.00

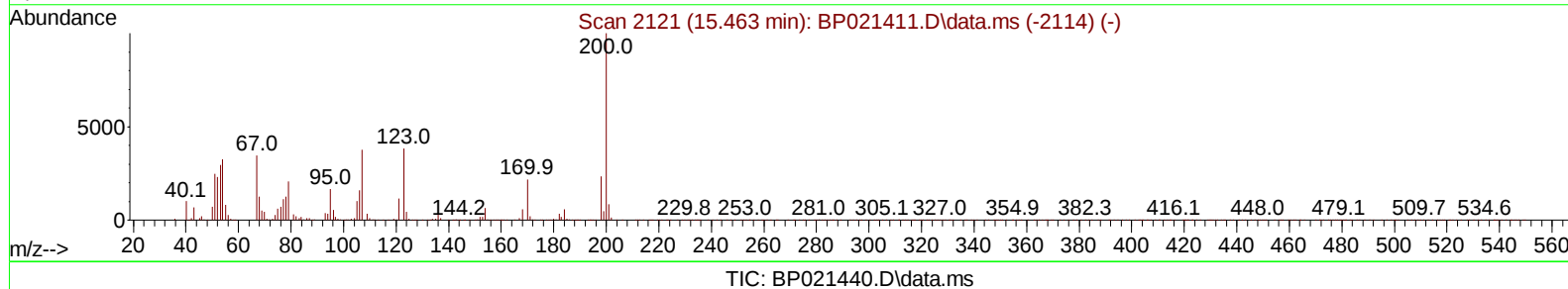
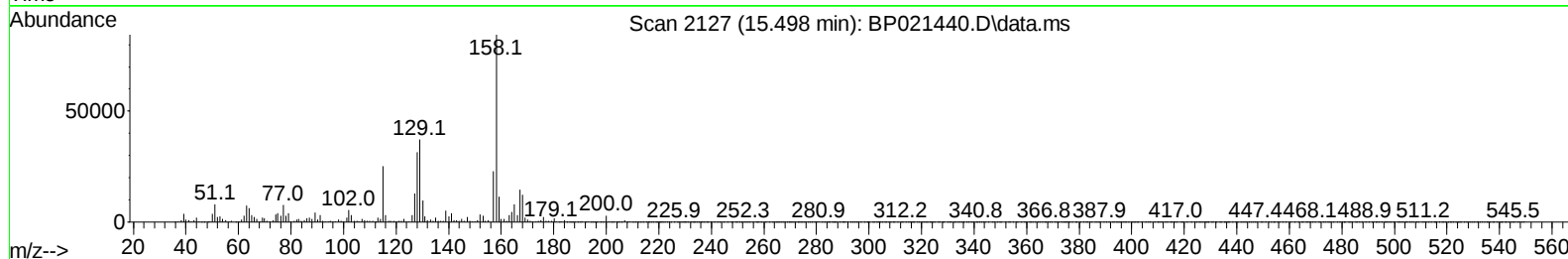
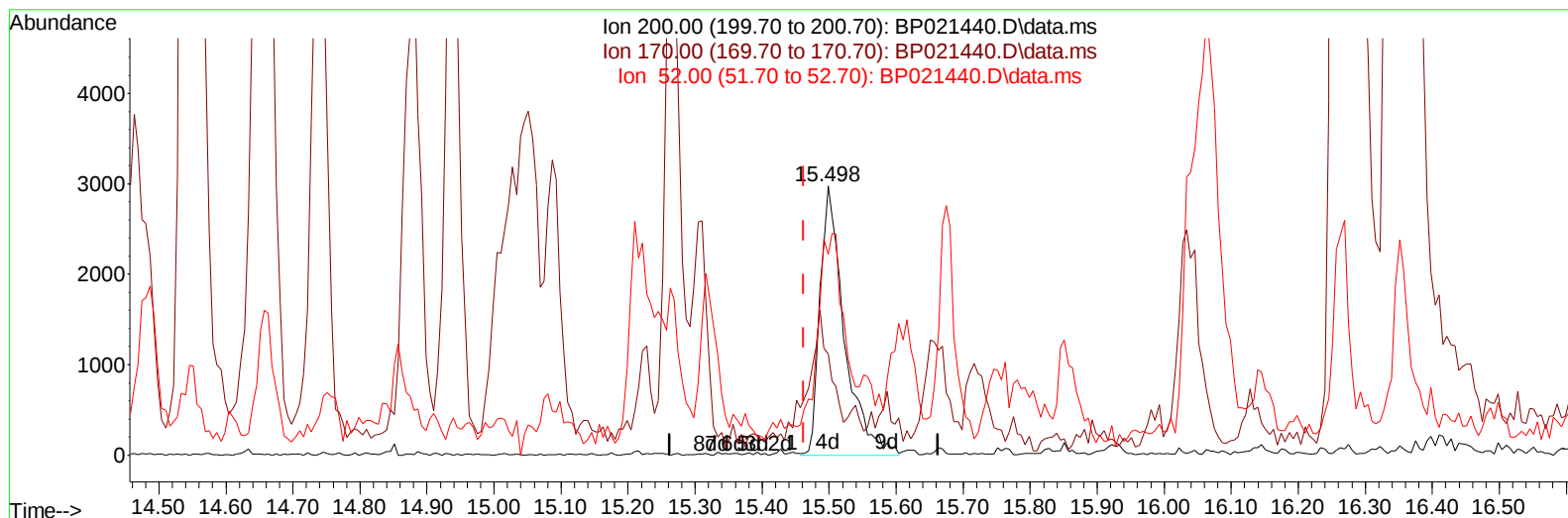
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
Data File : BP021440.D
Acq On : 08 Aug 2024 07:12
Operator : CG/JU
Sample : P3378-02DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AX7DL

Manual IntegrationsAPPROVED

Quant Time: Aug 08 07:45:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/09/2024



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

15.498min (+ 0.036) 1.45 ng/ul m

response 7511

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.00	37.66#
52.00	38.50	74.71#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/08/2024
 Supervised By :mohammad ahmed 08/09/2024

Quant Time: Aug 08 07:48:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.610	152		128749	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.369	136		530739	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.245	164		323120	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.069	188		854625	20.000	ng/ul	-0.02
79) Chrysene-d12	21.516	240		875685	20.000	ng/ul	-0.02
88) Perylene-d12	24.798	264		973782	20.000	ng/ul	-0.03
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.158	96		1052	0.372	ng/uL	-0.02
4) Pyridine-d5	0.000	84		0d	0.000	ng/ul	
7) Phenol-d5	0.000	99		0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	6.993	67		19488m	3.064	ng/ul	0.01
11) 2-Chlorophenol-d4	7.222	132		22572m	2.610	ng/ul	0.04
15) 4-Methylphenol-d8	8.416	113		17619m	2.021	ng/ul	0.05
21) Nitrobenzene-d5	8.822	128		9619m	2.333	ng/ul	0.03
24) 2-Nitrophenol-d4	9.516	143		11668m	2.473	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.093	165		24695m	2.895	ng/ul	0.04
31) 4-Chloroaniline-d4	10.599	131		31613	2.797	ng/ul	0.04
46) Dimethylphthalate-d6	13.675	166		84442	3.595	ng/ul	0.00
49) Acenaphthylene-d8	13.951	160		77507	2.939	ng/ul	-0.01
54) 4-Nitrophenol-d4	0.000	143		0d	0.000	ng/ul	
60) Fluorene-d10	15.263	176		72004	3.737	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.498	200		7511m	1.453	ng/ul	0.04
73) Anthracene-d10	17.175	188		126069	3.321	ng/ul	-0.02
81) Pyrene-d10	19.557	212		161389	2.981	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.574	264		163521	3.405	ng/ul	-0.02
Target Compounds							
						Qvalue	
26) 2,4-Dimethylphenol	9.622	107		33519	3.454	ng/ul	97
30) Naphthalene	10.422	128	10147910		363.499	ng/ul	99
36) 2-Methylnaphthalene	12.040	142	663844		34.641	ng/ul	99
37) 1-Methylnaphthalene	12.251	142	946069		48.001	ng/ul	97
43) 1,1'-Biphenyl	13.063	154	245444		10.394	ng/ul	97
52) Acenaphthene	14.310	153	1271313		64.142	ng/ul	99
56) Dibenzofuran	14.657	168	961830		35.437	ng/ul	100
61) Fluorene	15.322	166	756998		34.178	ng/ul	100
71) Pentachlorophenol	16.739	266	22489		3.605	ng/ul	98
72) Phenanthrene	17.110	178	1879008		42.382	ng/ul	100
74) Anthracene	17.210	178	179137		3.963	ng/ul	97
77) Carbazole	17.504	167	1253835		33.936	ng/ul	99
80) Fluoranthene	19.210	202	759683		11.619	ng/ul	100
82) Pyrene	19.592	202	499606		7.509	ng/ul	99
85) Benzo(a)anthracene	21.492	228	114375		1.865	ng/ul	98
87) Chrysene	21.557	228	90012		1.579	ng/ul	98
90) Benzo(b)fluoranthene	23.774	252	74900		1.267	ng/ul#	95

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

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