

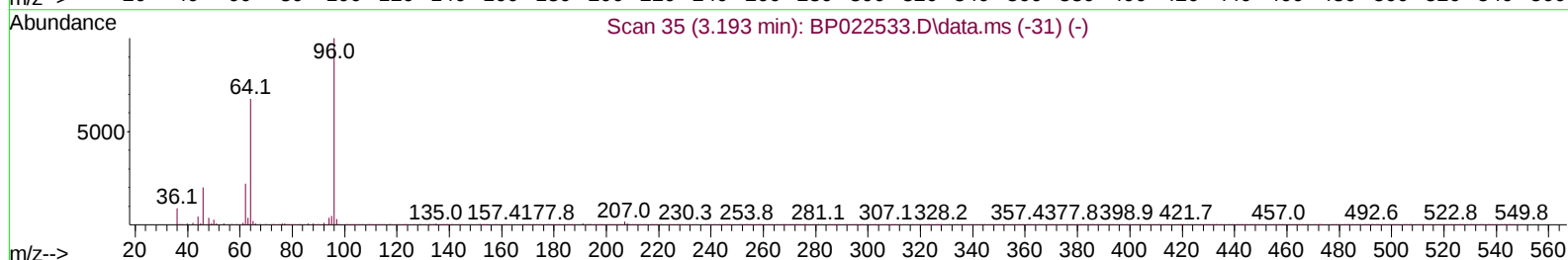
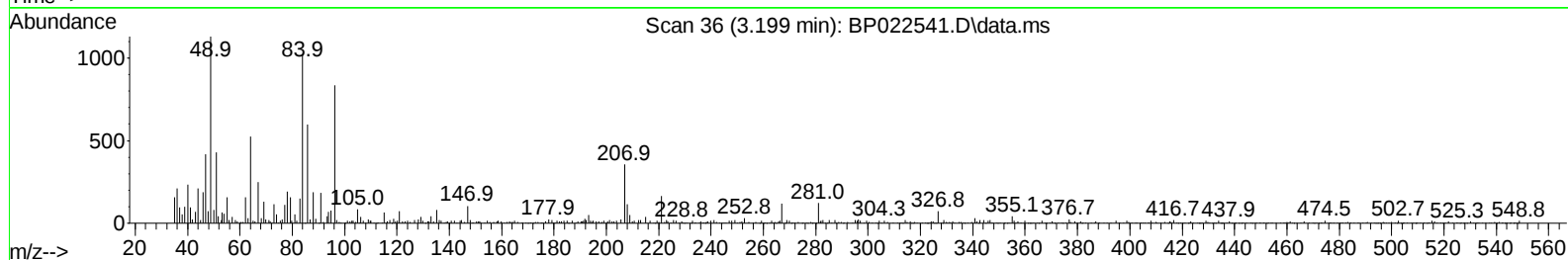
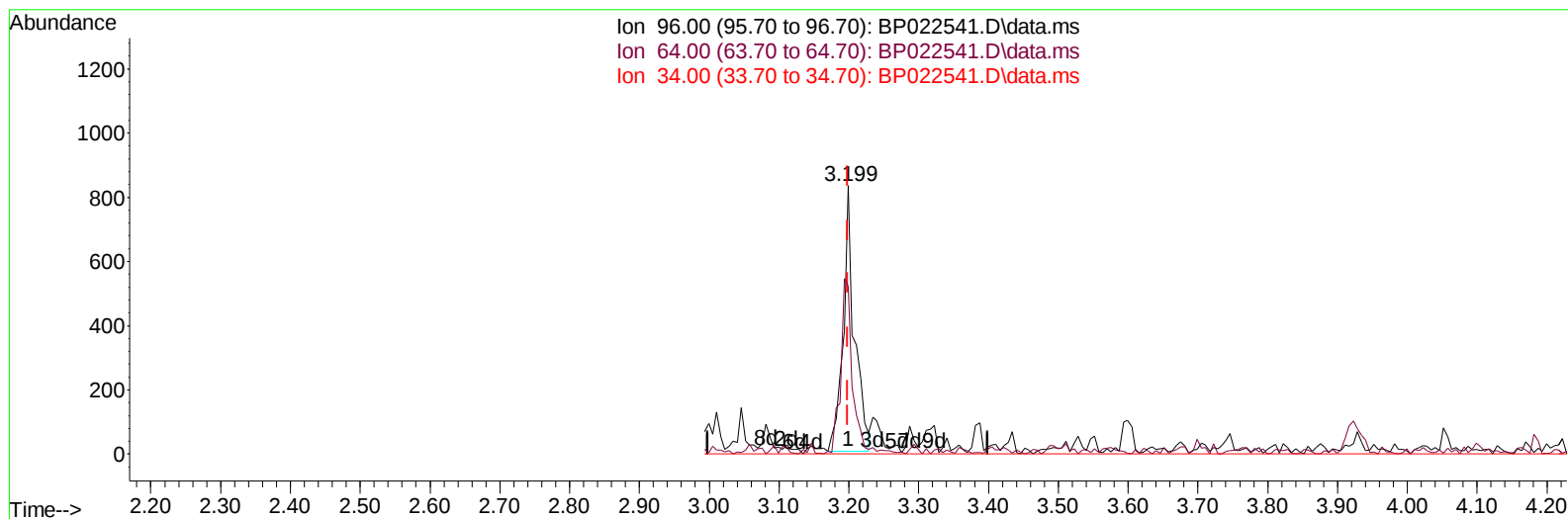
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022541.D
Acq On : 22 Oct 2024 17:47
Operator : RC/JU
Sample : P4429-10DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4FB3DL

Manual IntegrationsAPPROVED

Quant Time: Oct 23 01:13:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 22 05:59:59 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/25/2024



TIC: BP022541.D\data.ms

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

3.199min (+ 0.000) 0.40 ng/uL

response 937

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	76.40	62.56
34.00	0.00	0.00
0.00	0.00	0.00

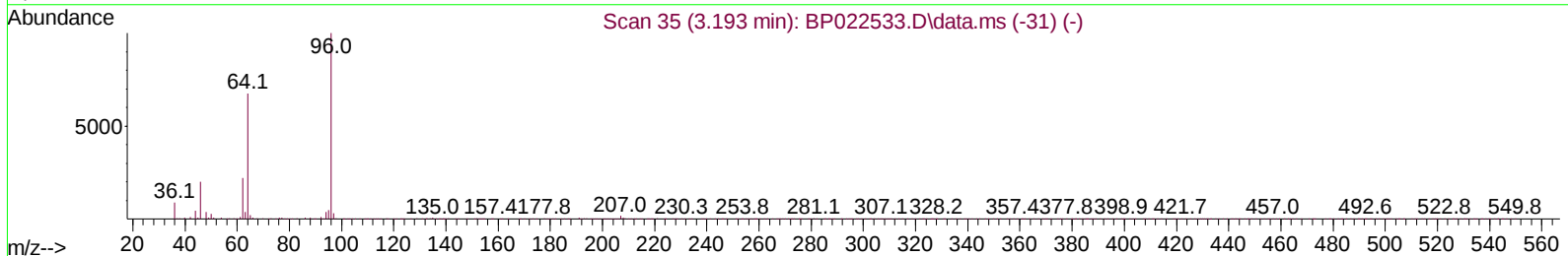
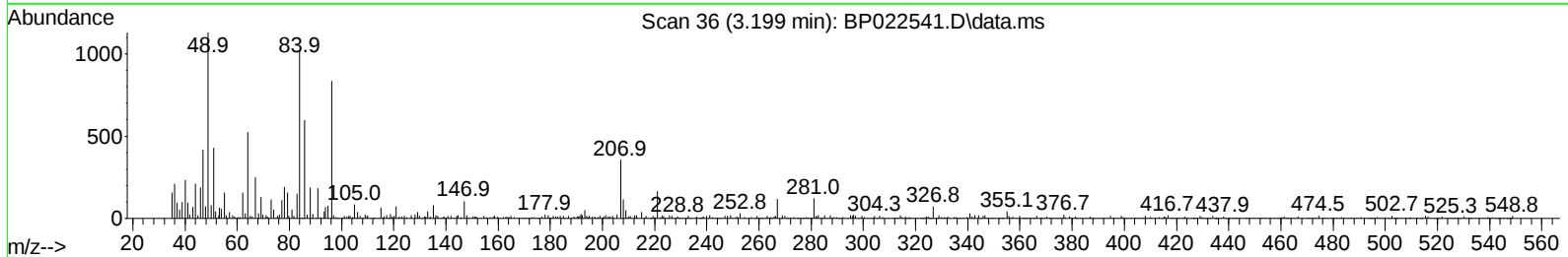
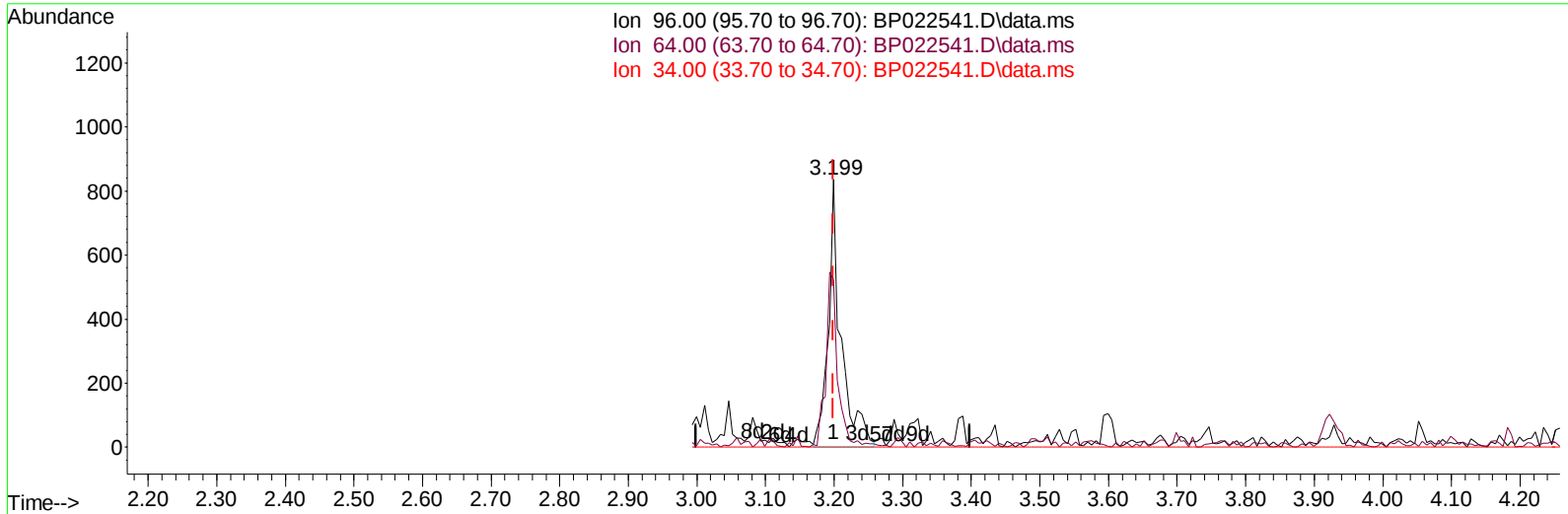
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 Data File : BP022541.D
 Acq On : 22 Oct 2024 17:47
 Operator : RC/JU
 Sample : P4429-10DL 5X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4FB3DL

Manual IntegrationsAPPROVED

Quant Time: Oct 23 01:13:24 2024
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 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 22 05:59:59 2024
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Reviewed By :Yogesh Patel 10/23/2024
 Supervised By :mohammad ahmed 10/25/2024



TIC: BP022541.D\data.ms

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

3.199min (+ 0.000) 0.46 ng/uL m

response 1080

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	76.40	62.56
34.00	0.00	0.00
0.00	0.00	0.00

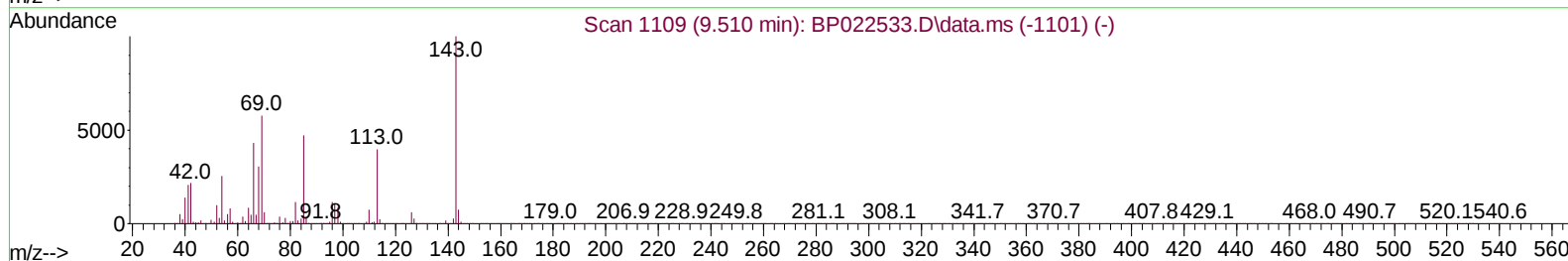
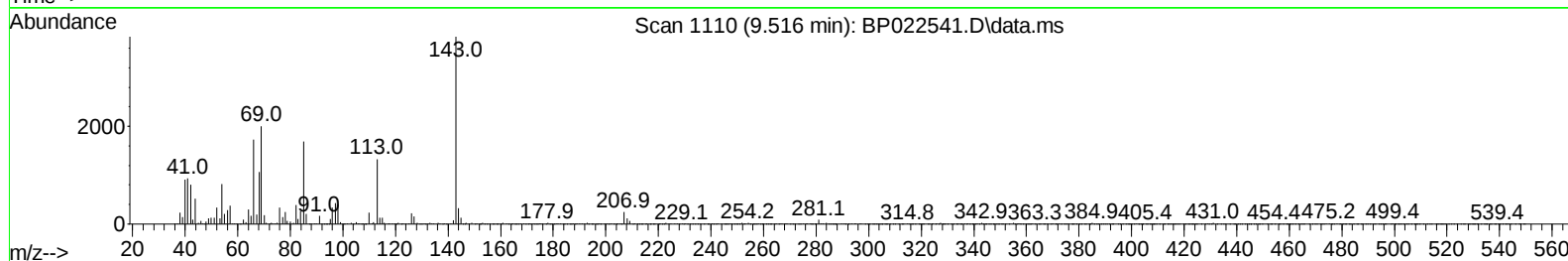
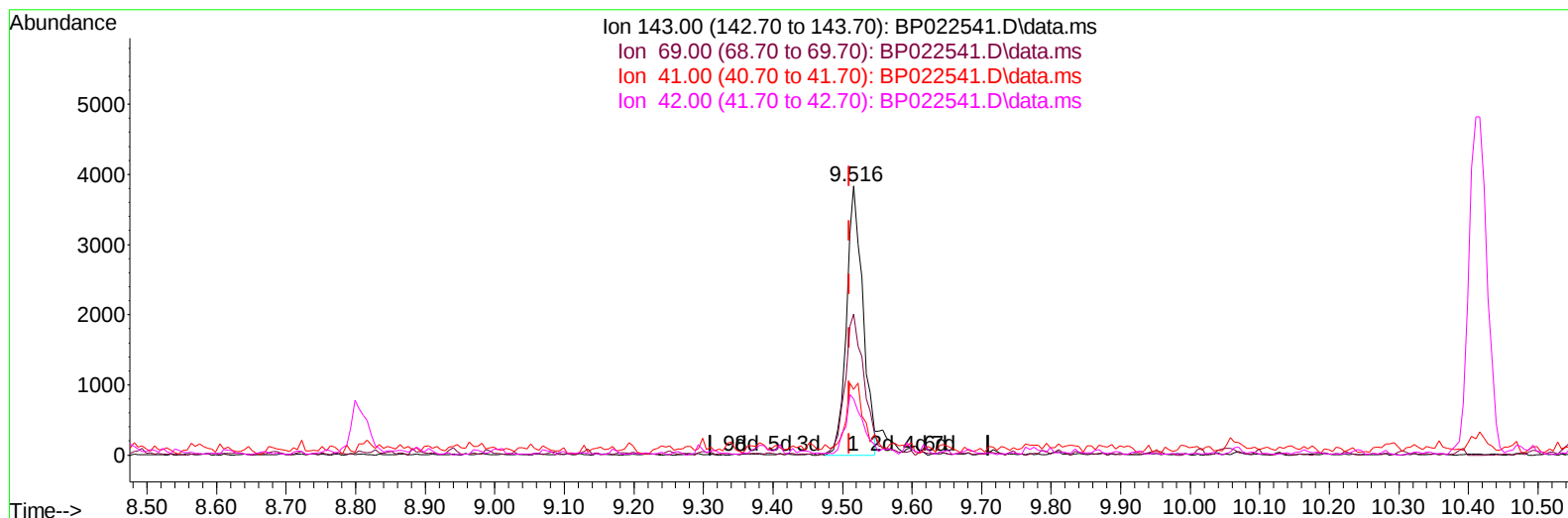
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 Data File : BP022541.D
 Acq On : 22 Oct 2024 17:47
 Operator : RC/JU
 Sample : P4429-10DL 5X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4FB3DL

Manual IntegrationsAPPROVED

Quant Time: Oct 23 01:13:24 2024
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 Quant Title : SVOA CALIBRATION
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Reviewed By :Yogesh Patel 10/23/2024
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TIC: BP022541.D\data.ms

(24) 2-Nitrophenol-d4 (S)

9.516min (+ 0.006) 1.99 ng/u1

response 6317

Ion	Exp%	Act%
143.00	100.00	100.00
69.00	61.30	52.36
41.00	22.90	24.37
42.00	24.00	20.95

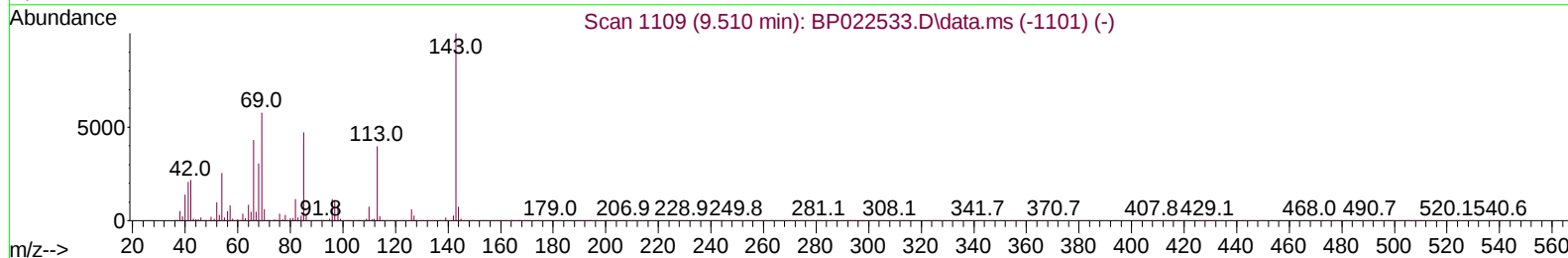
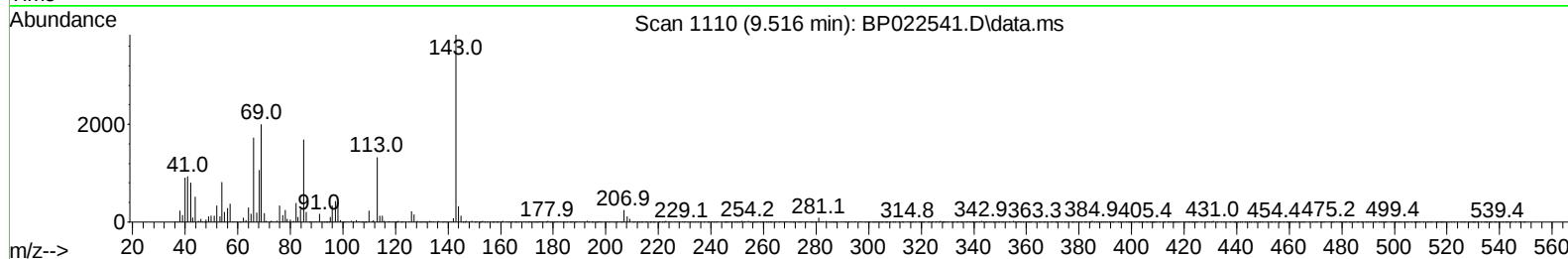
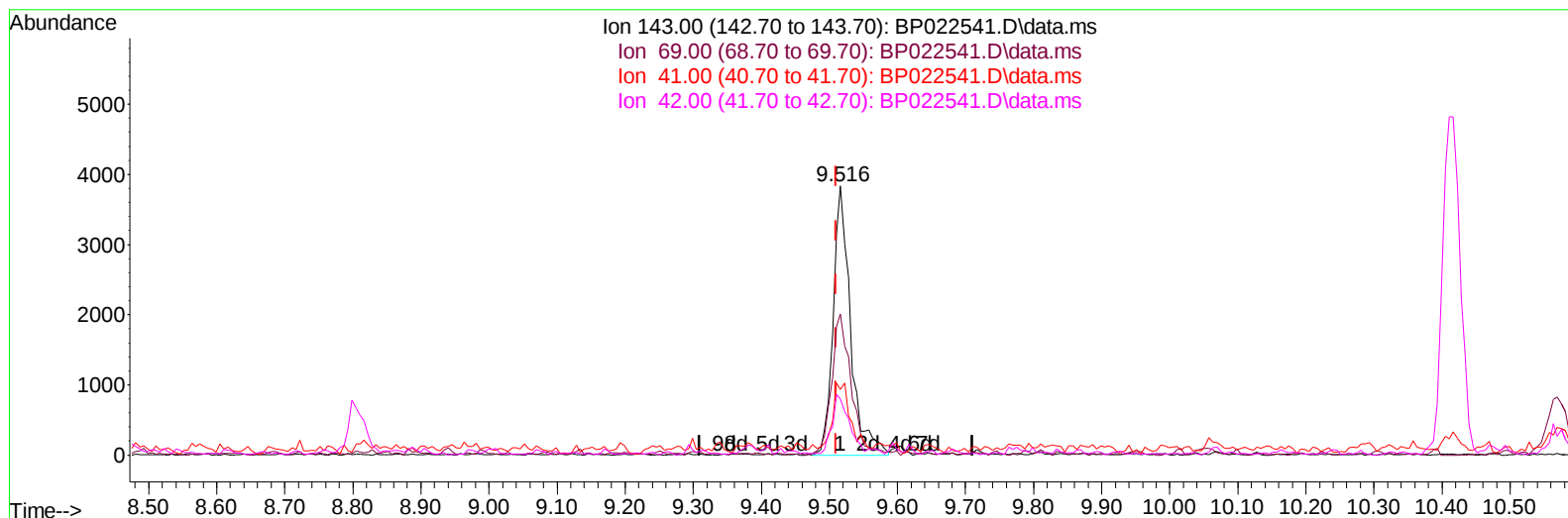
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Data File : BP022541.D
Acq On : 22 Oct 2024 17:47
Operator : RC/JU
Sample : P4429-10DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4FB3DL

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 10/23/2024
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TIC: BP022541.D\data.ms

(24) 2-Nitrophenol-d4 (S)

9.516min (+ 0.006) 2.15 ng/ul m

response 6824

Ion	Exp%	Act%
143.00	100.00	100.00
69.00	61.30	52.36
41.00	22.90	24.37
42.00	24.00	20.95

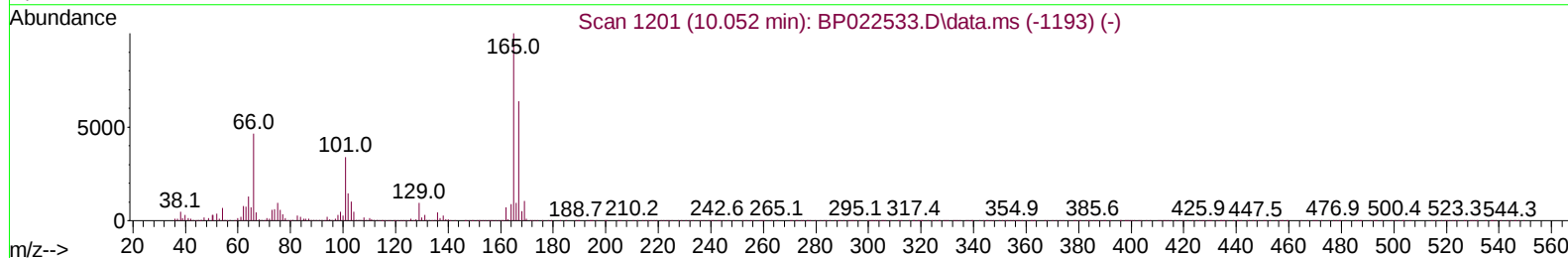
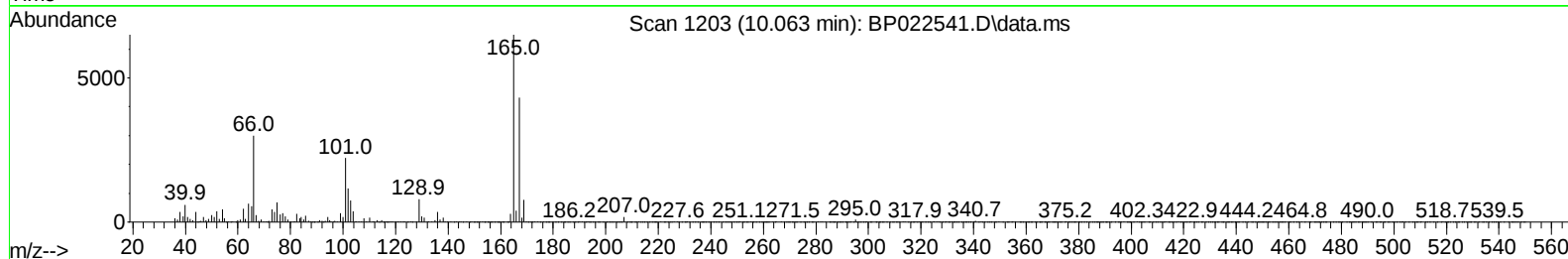
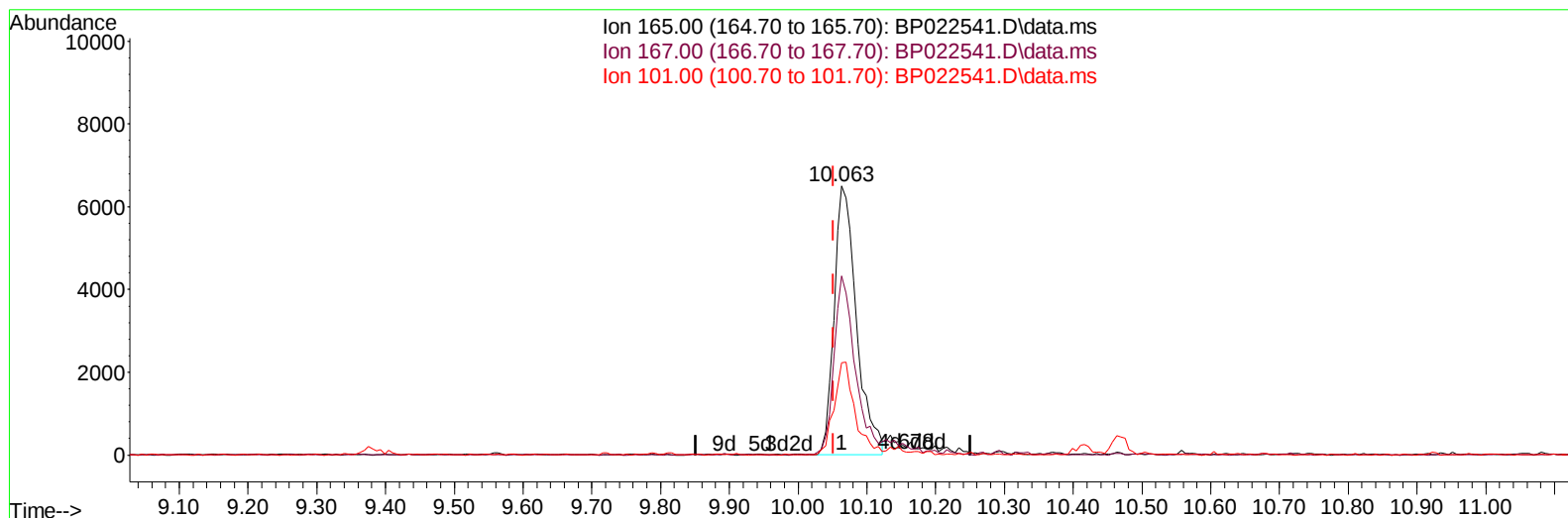
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 Data File : BP022541.D
 Acq On : 22 Oct 2024 17:47
 Operator : RC/JU
 Sample : P4429-10DL 5X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4FB3DL

Manual IntegrationsAPPROVED

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TIC: BP022541.D\data.ms

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

10.063min (+ 0.012) 2.18 ng/u1

response 14654

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	66.10	66.57
101.00	32.30	34.22
0.00	0.00	0.00

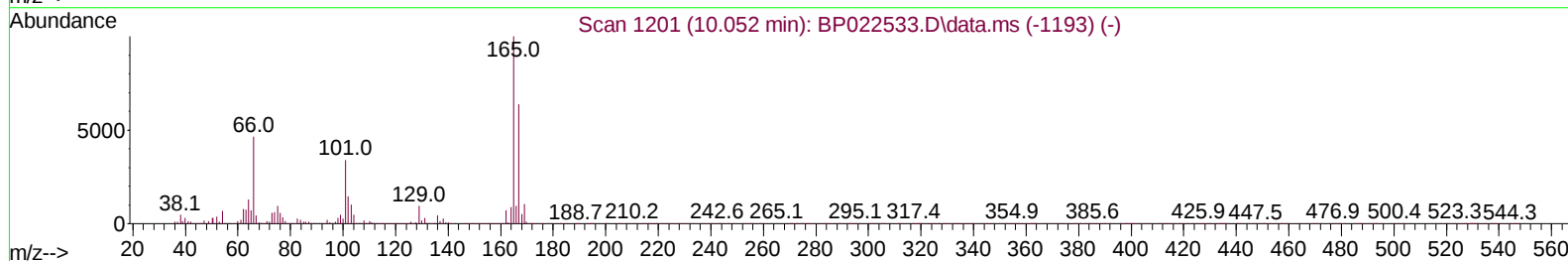
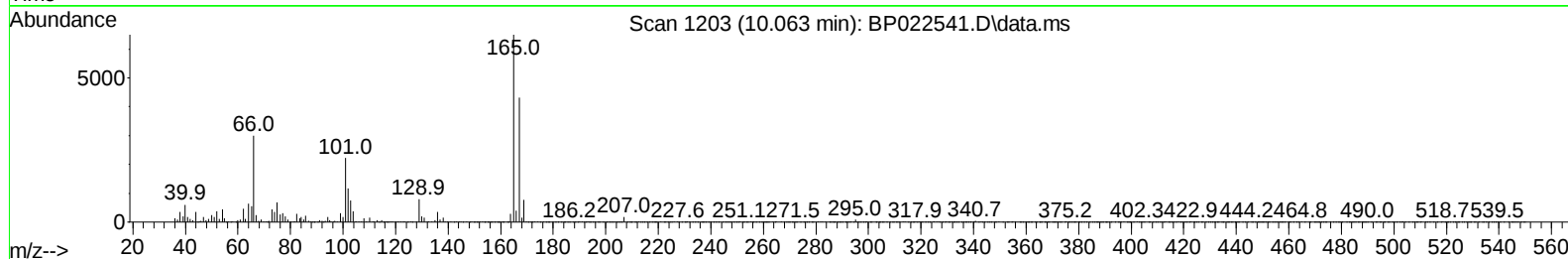
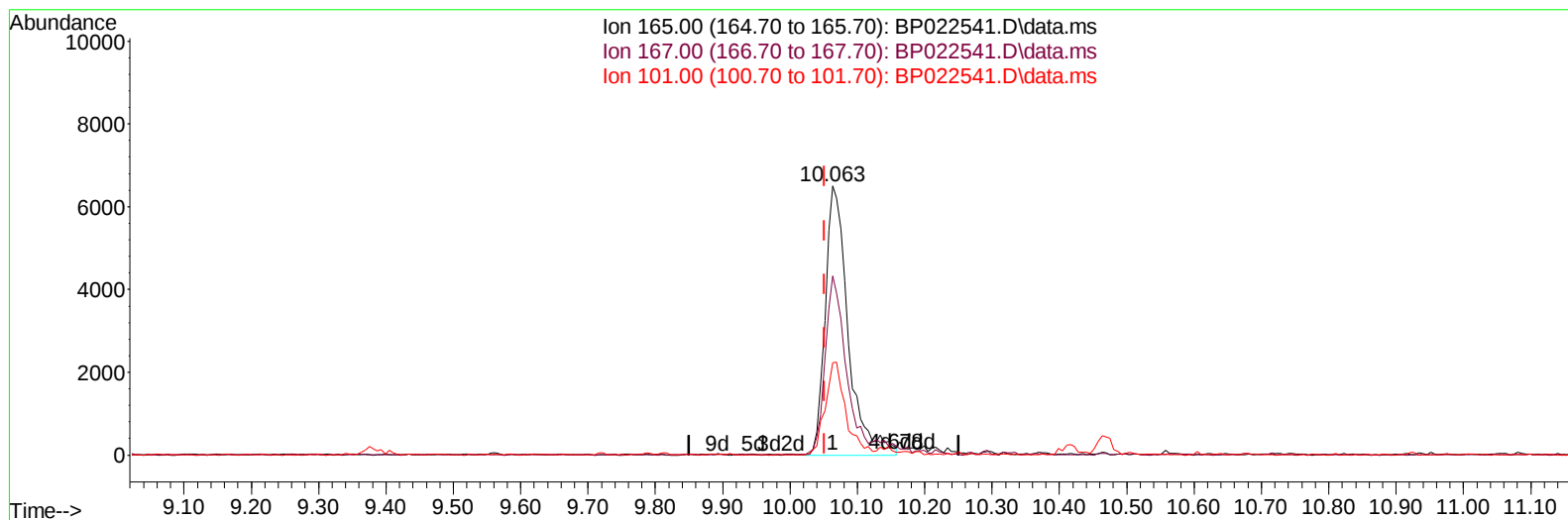
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 Acq On : 22 Oct 2024 17:47
 Operator : RC/JU
 Sample : P4429-10DL 5X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4FB3DL

Manual IntegrationsAPPROVED

Quant Time: Oct 23 01:13:24 2024
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Reviewed By :Yogesh Patel 10/23/2024
 Supervised By :mohammad ahmed 10/25/2024



TIC: BP022541.D\data.ms

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

10.063min (+ 0.012) 2.28 ng/ul m

response 15381

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	66.10	66.57
101.00	32.30	34.22
0.00	0.00	0.00

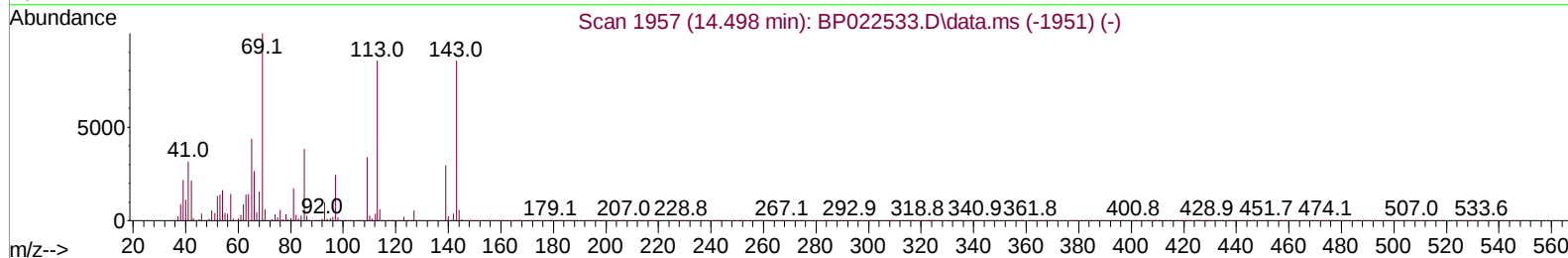
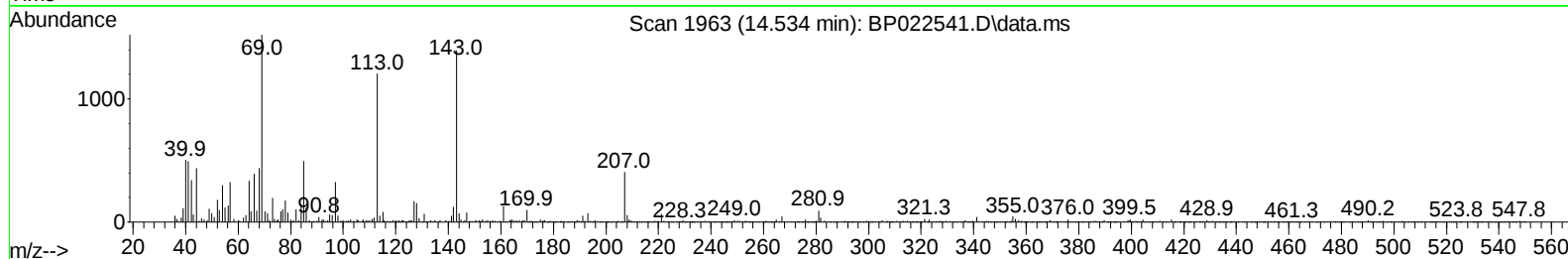
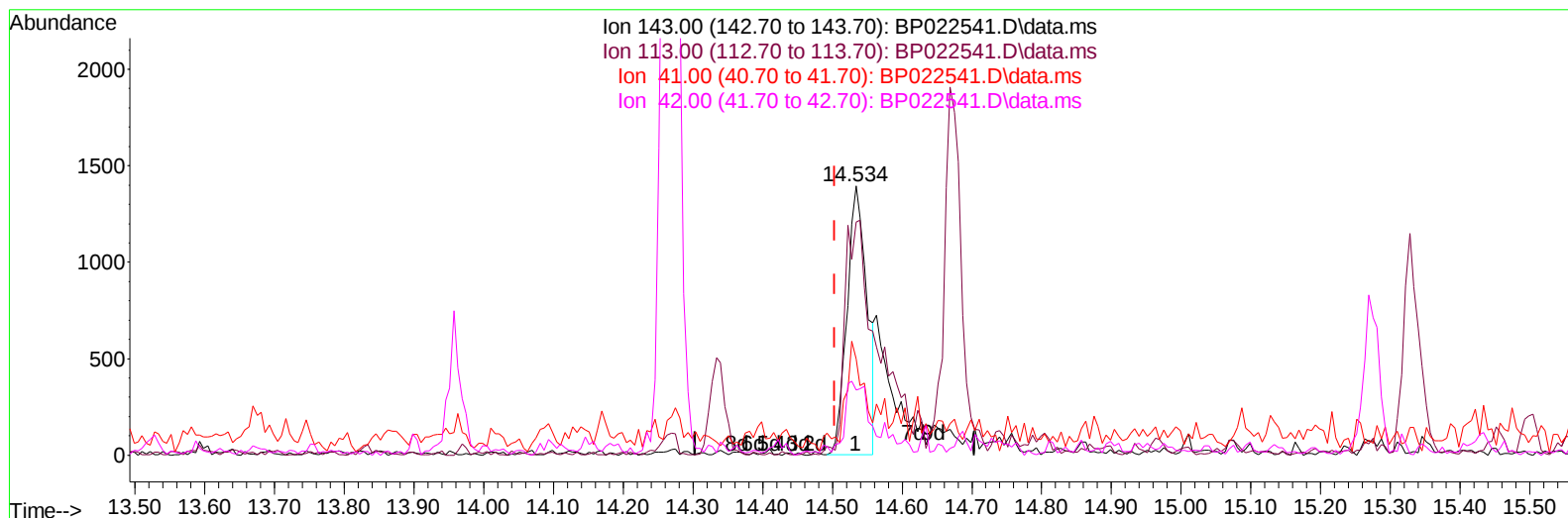
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Data File : BP022541.D
Acq On : 22 Oct 2024 17:47
Operator : RC/JU
Sample : P4429-10DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4FB3DL

Manual IntegrationsAPPROVED

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TIC: BP022541.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.534min (+ 0.030) 0.75 ng/u1

response 2761

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	97.60	86.59
41.00	35.90	35.65
42.00	23.70	24.32

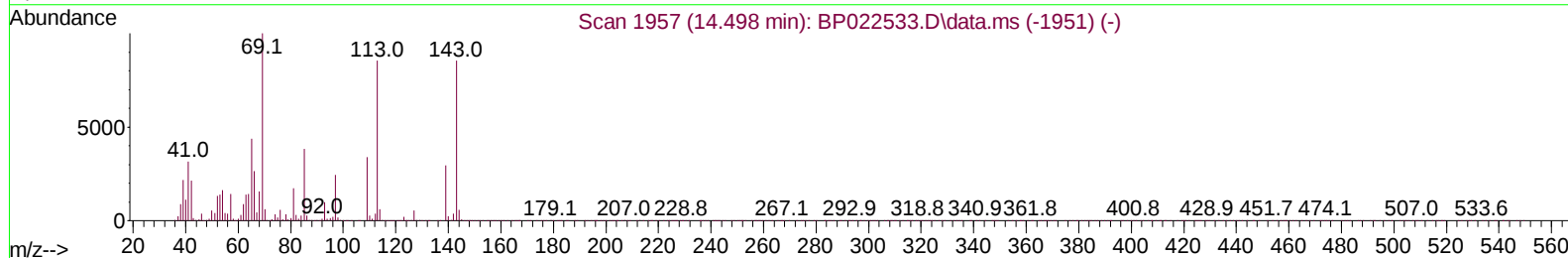
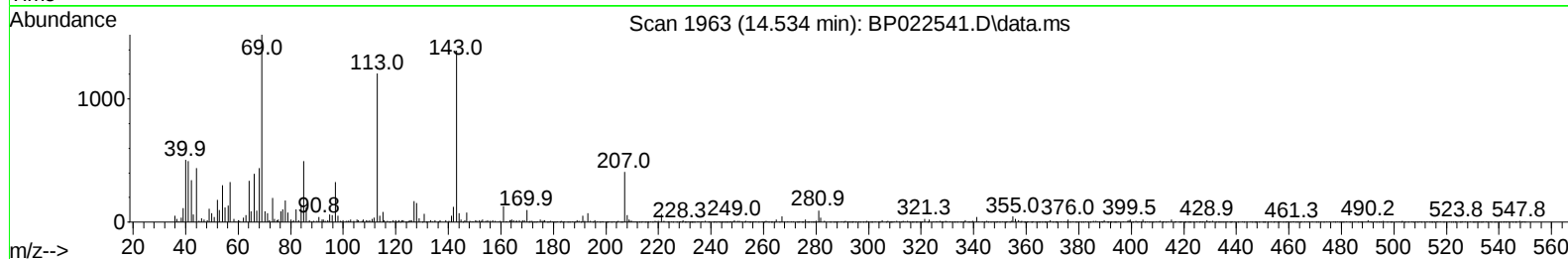
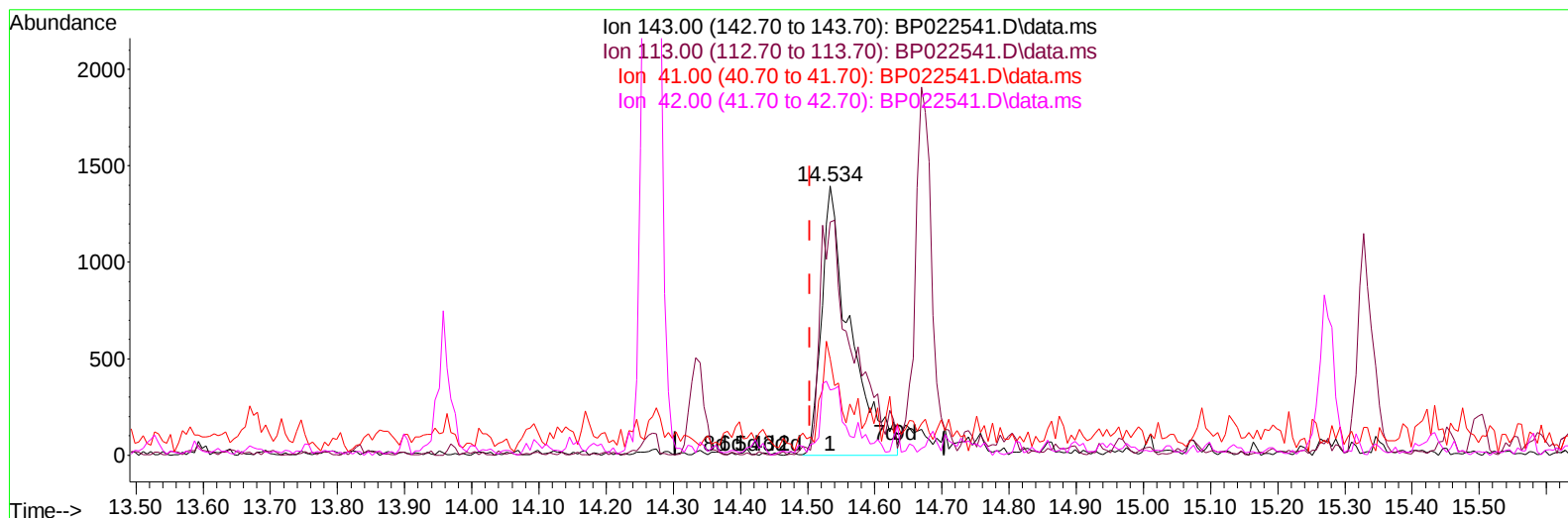
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Data File : BP022541.D
Acq On : 22 Oct 2024 17:47
Operator : RC/JU
Sample : P4429-10DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4FB3DL

Manual IntegrationsAPPROVED

Quant Time: Oct 23 01:13:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 22 05:59:59 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/25/2024



TIC: BP022541.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.534min (+ 0.030) 1.12 ng/ul m

response 4125

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	97.60	86.59
41.00	35.90	35.65
42.00	23.70	24.32

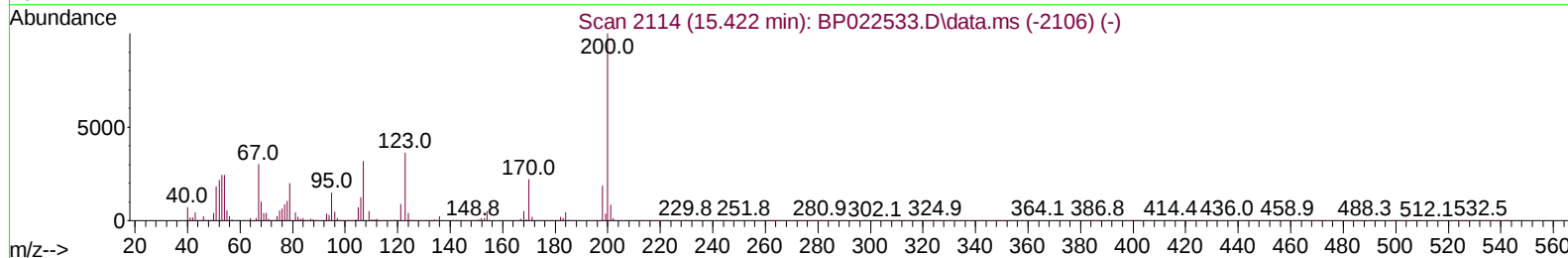
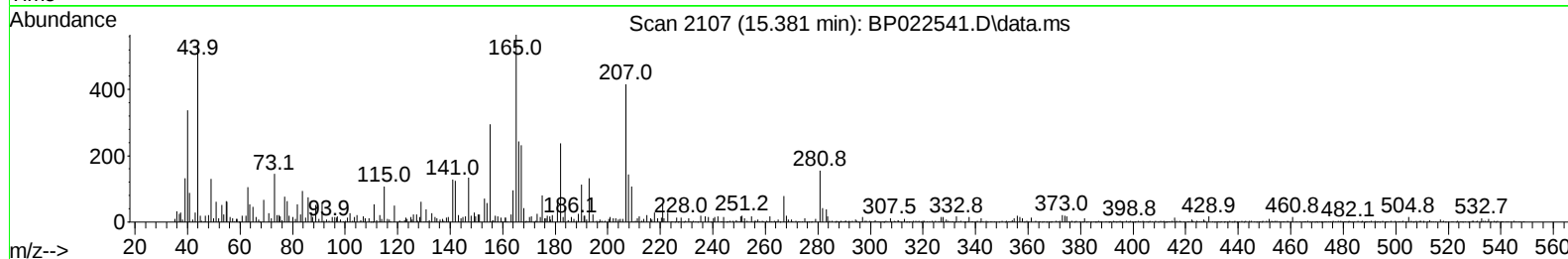
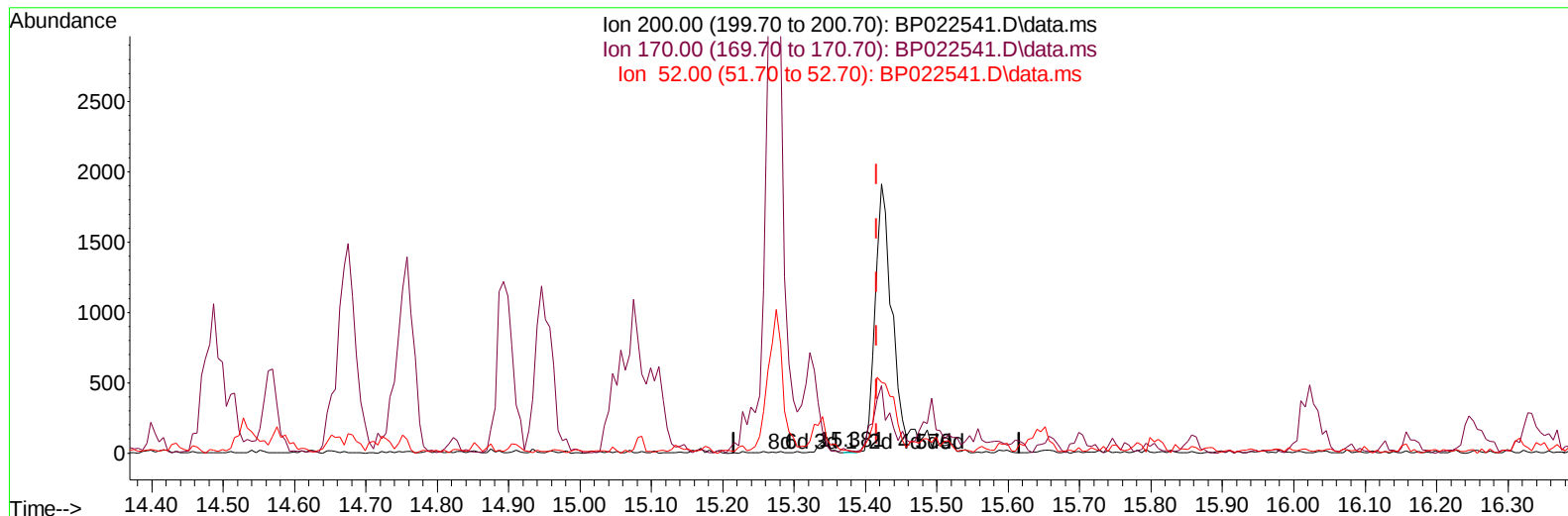
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Data File : BP022541.D
Acq On : 22 Oct 2024 17:47
Operator : RC/JU
Sample : P4429-10DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4FB3DL

Manual IntegrationsAPPROVED

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TIC: BP022541.D\data.ms

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

15.381min (-0.035) 0.00 ng/u1

response 6

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	22.00	166.67#
52.00	36.60	122.22#
0.00	0.00	0.00

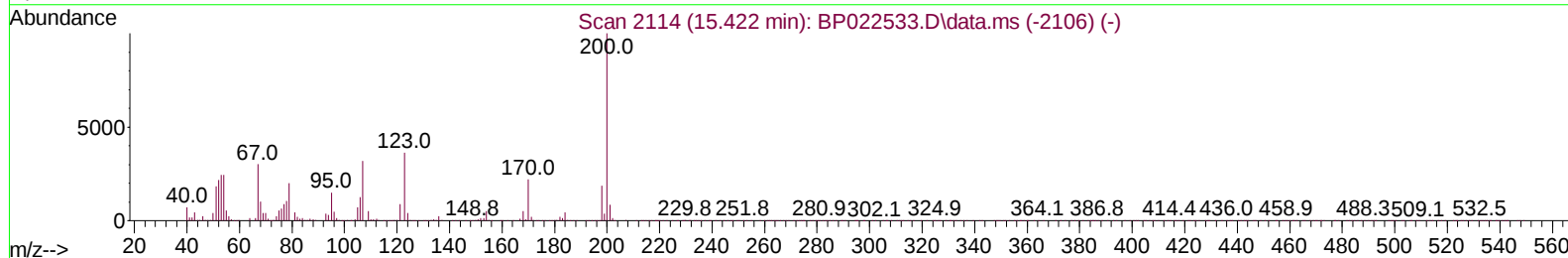
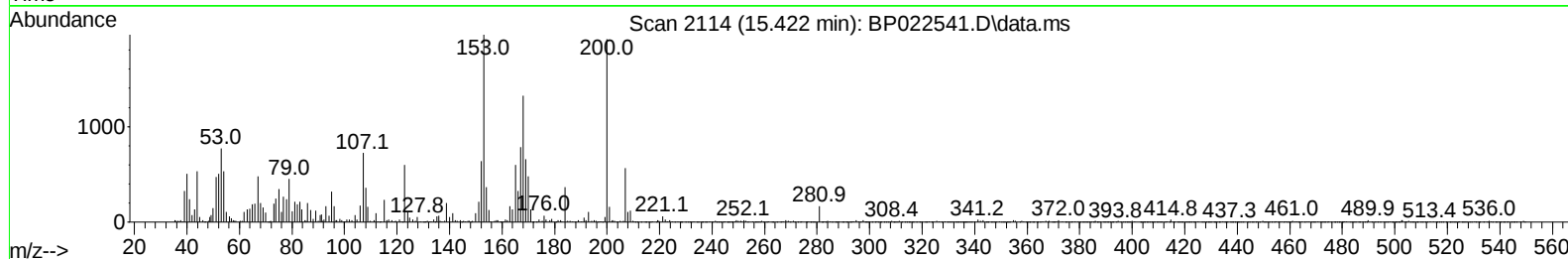
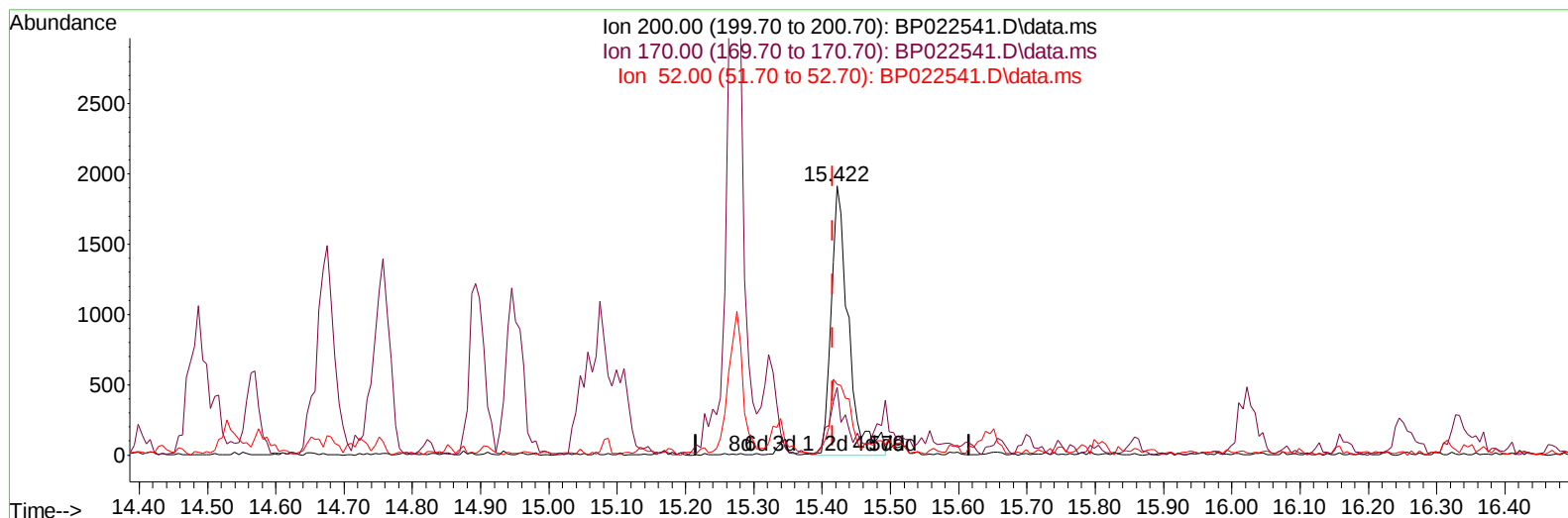
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 Acq On : 22 Oct 2024 17:47
 Operator : RC/JU
 Sample : P4429-10DL 5X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BP022541.D\data.ms

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

15.422min (+ 0.006) 0.77 ng/ul m

response 3372

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	22.00	25.14
52.00	36.60	26.40#
0.00	0.00	0.00

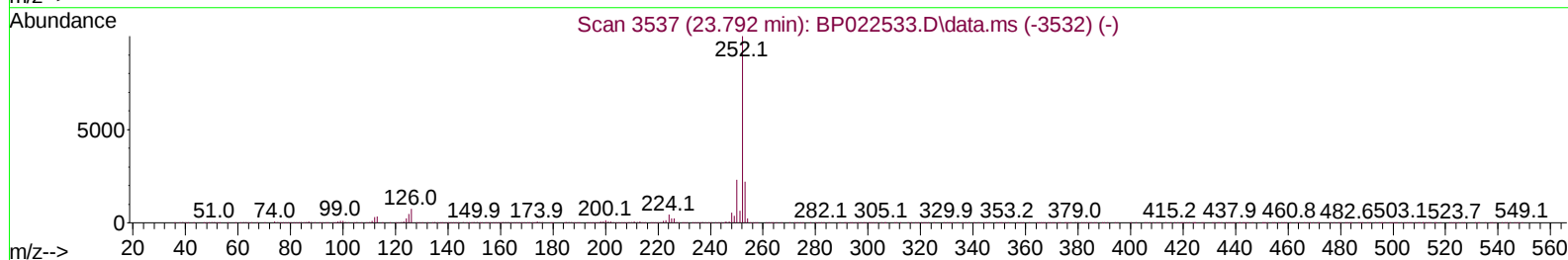
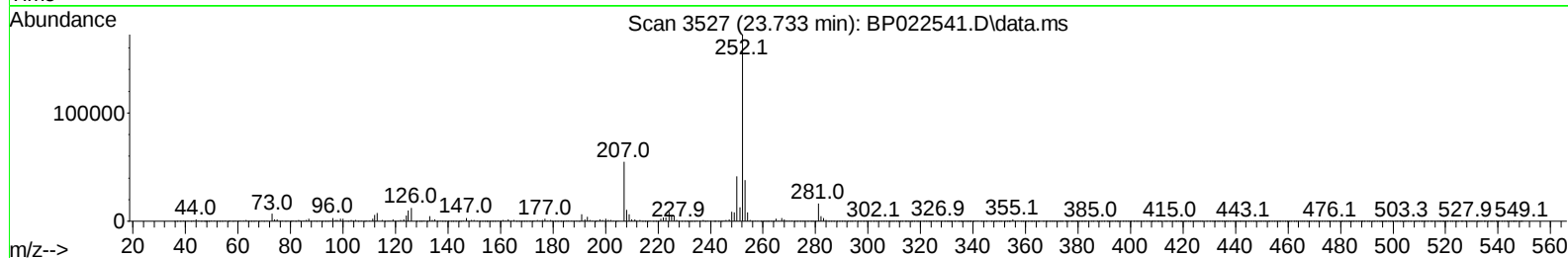
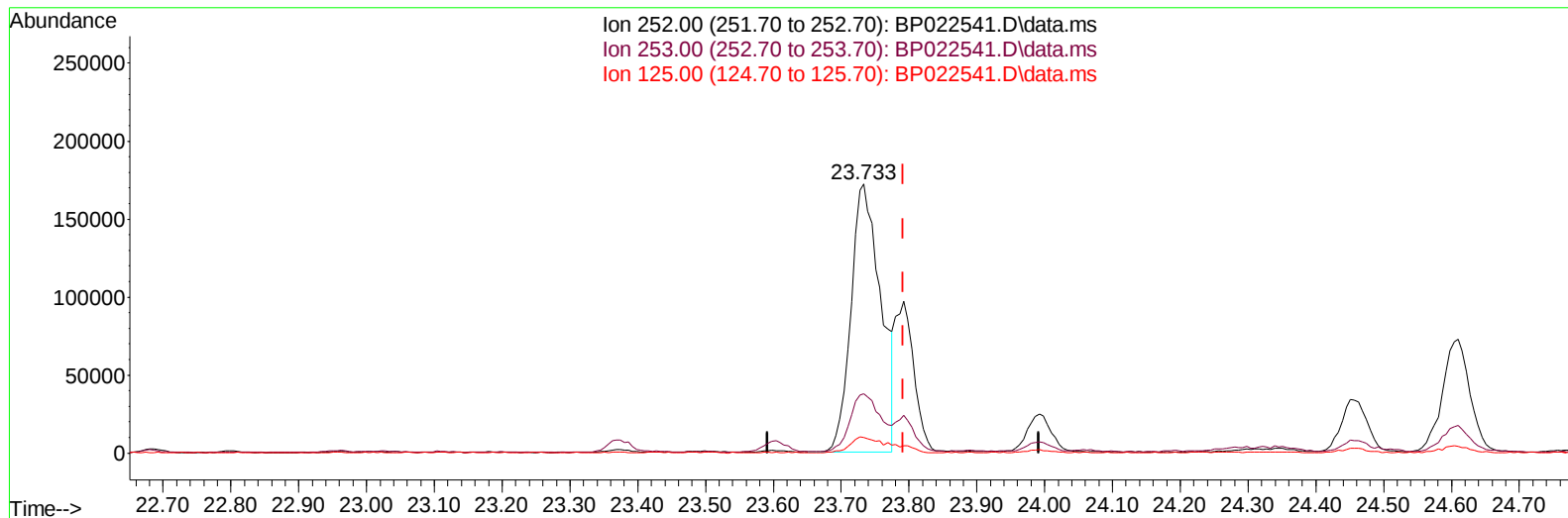
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Data File : BP022541.D
Acq On : 22 Oct 2024 17:47
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Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4FB3DL

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 10/23/2024
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TIC: BP022541.D\data.ms

(91) Benzo(k)fluoranthene

23.733min (-0.058) 8.97 ng/u1

response 522267

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	22.09
125.00	5.70	5.80
0.00	0.00	0.00

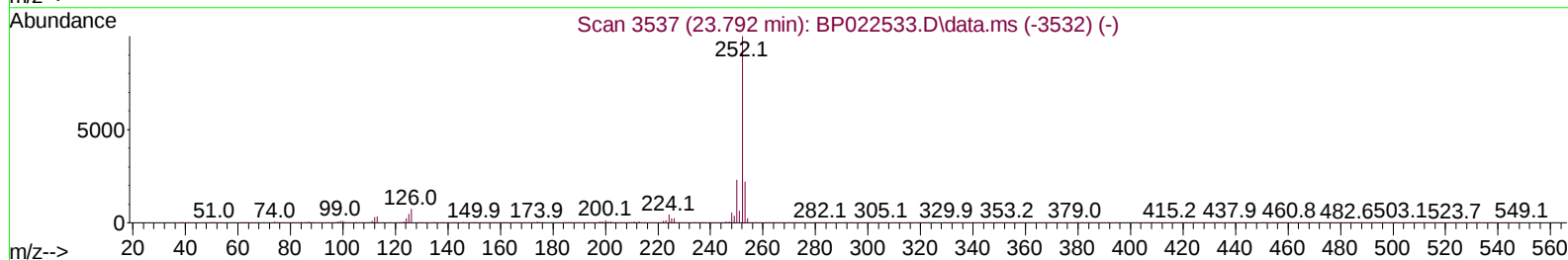
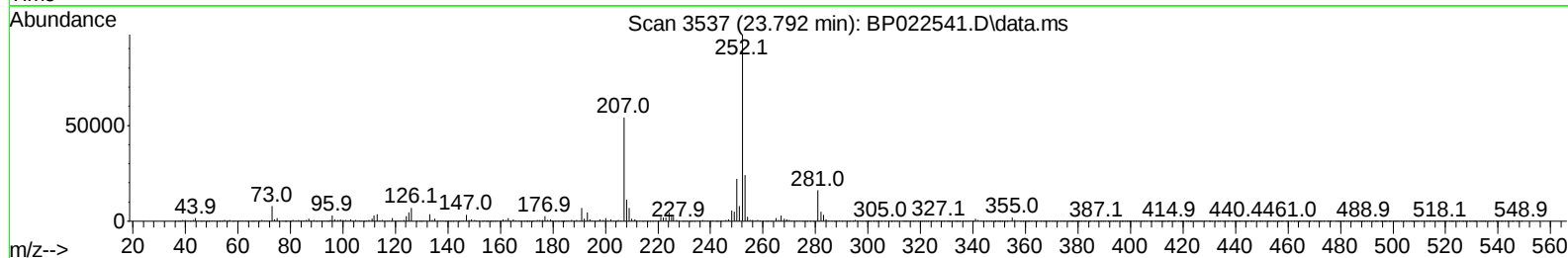
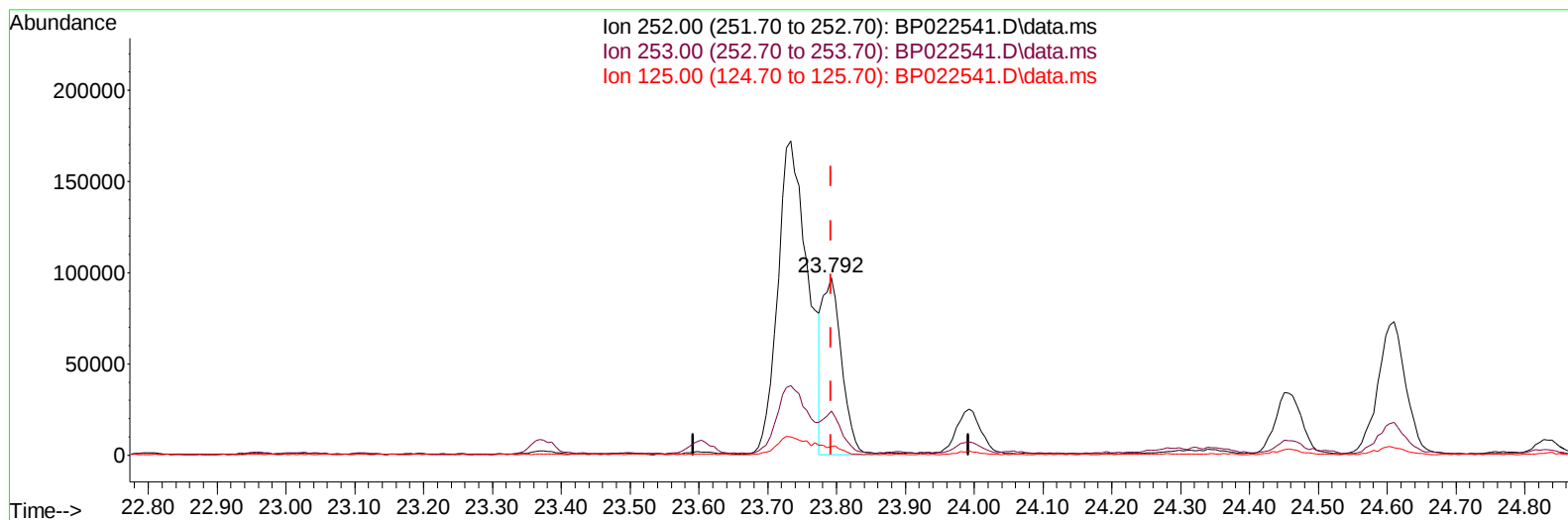
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Data File : BP022541.D
Acq On : 22 Oct 2024 17:47
Operator : RC/JU
Sample : P4429-10DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4FB3DL

Manual IntegrationsAPPROVED

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/25/2024



TIC: BP022541.D\data.ms

(91) Benzo(k)fluoranthene

23.792min (+ 0.000) 3.18 ng/u1 m

response 185335

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	24.80
125.00	5.70	4.70
0.00	0.00	0.00

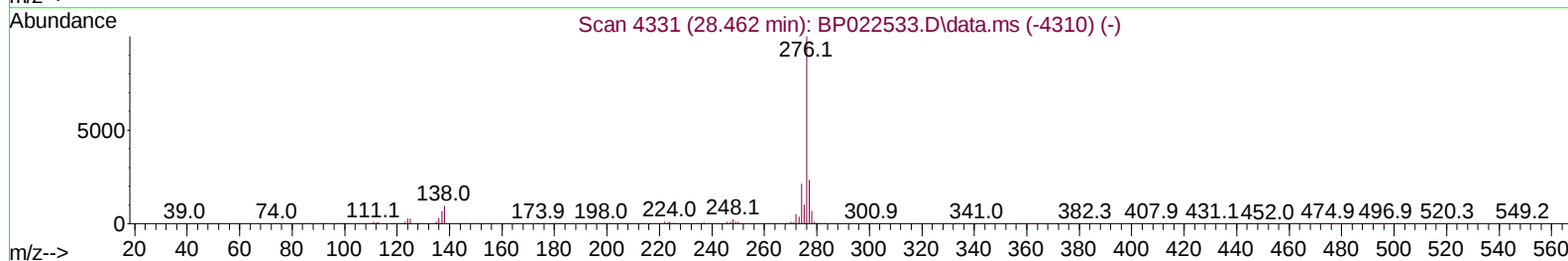
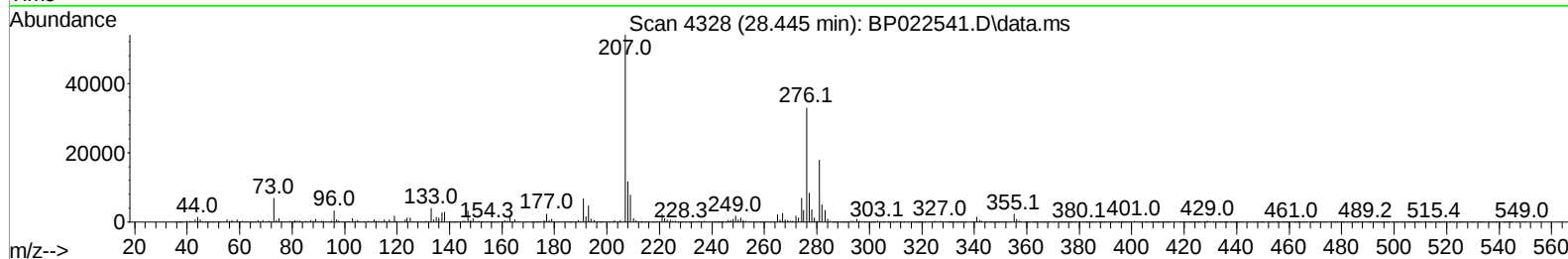
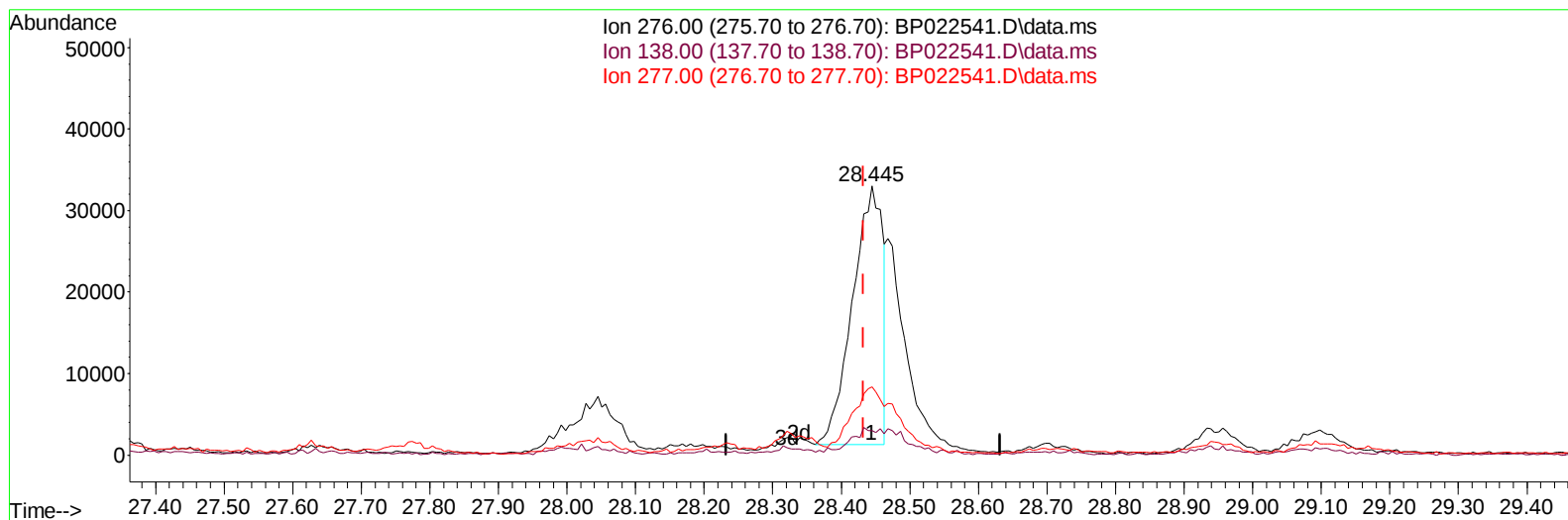
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022541.D
Acq On : 22 Oct 2024 17:47
Operator : RC/JU
Sample : P4429-10DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BP022541.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.445min (+ 0.012) 1.32 ng/u1

response 96716

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.40	9.17
277.00	23.20	25.34
0.00	0.00	0.00

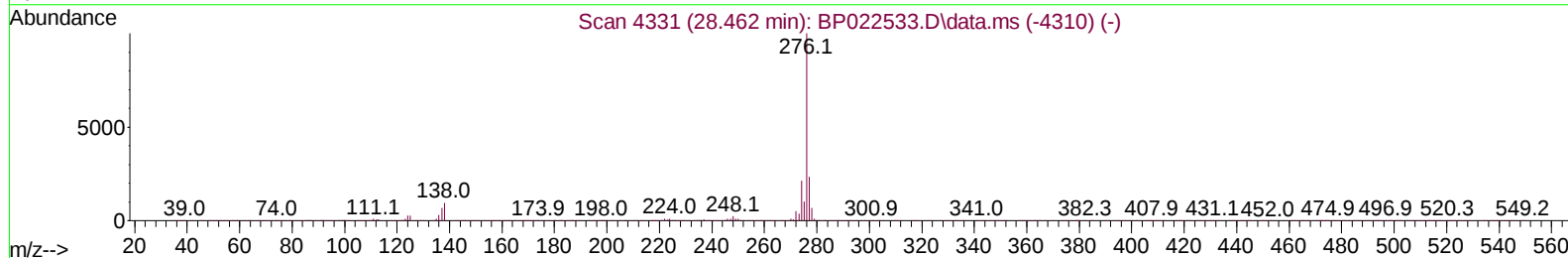
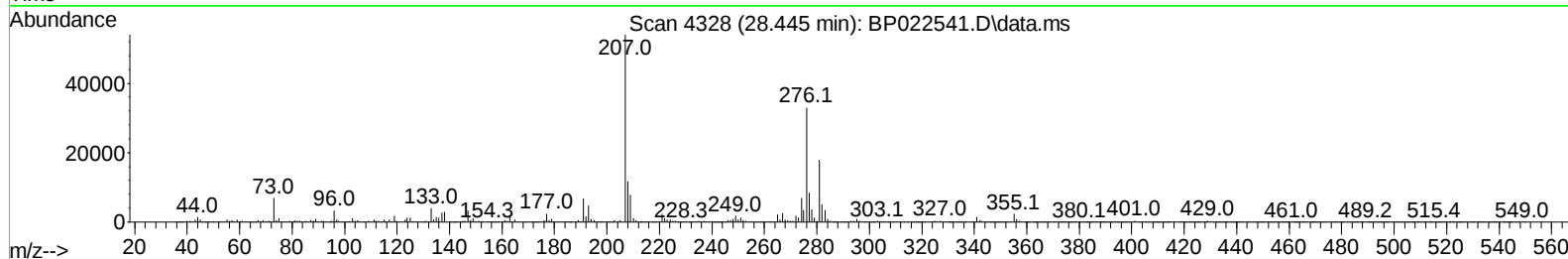
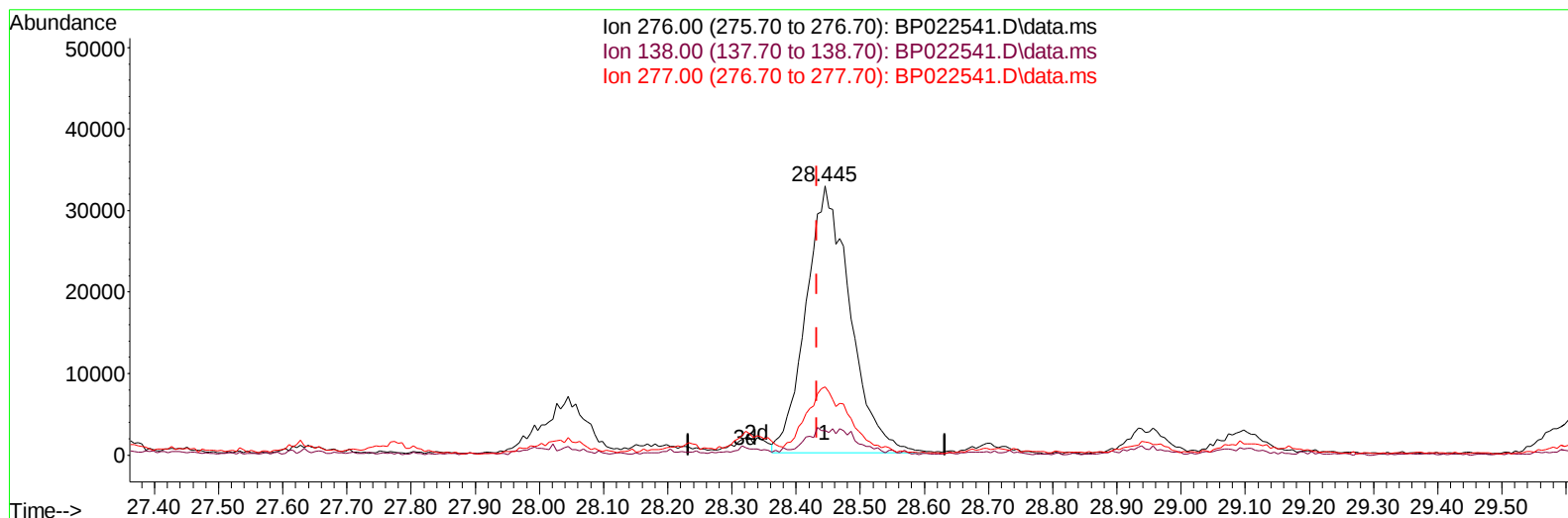
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022541.D
Acq On : 22 Oct 2024 17:47
Operator : RC/JU
Sample : P4429-10DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4FB3DL

Manual IntegrationsAPPROVED

Quant Time: Oct 23 01:13:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 22 05:59:59 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/25/2024



TIC: BP022541.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.445min (+ 0.012) 2.15 ng/u1 m

response 157315

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.40	9.17
277.00	23.20	25.34
0.00	0.00	0.00

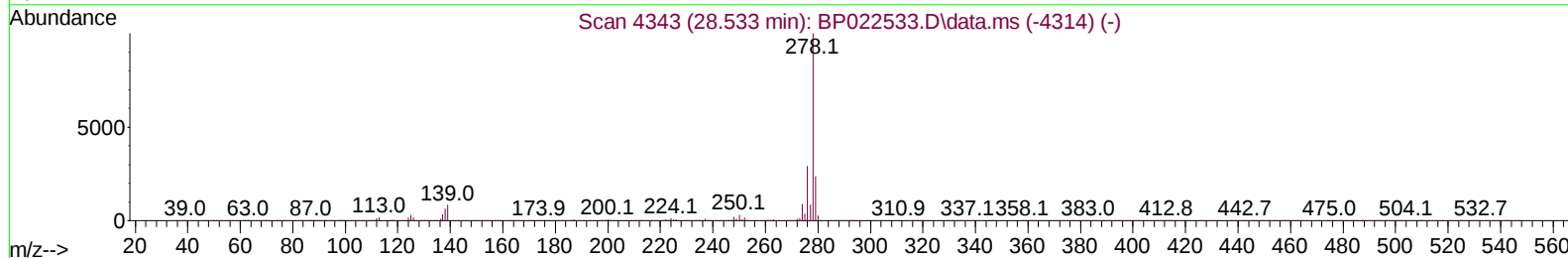
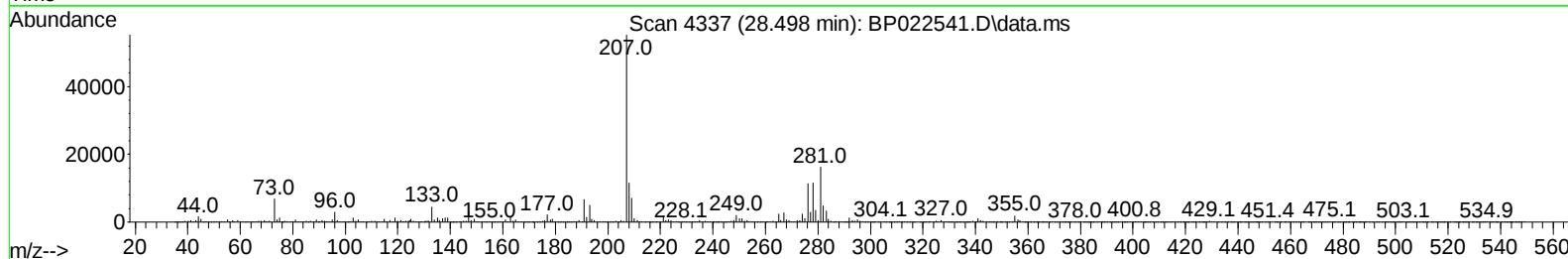
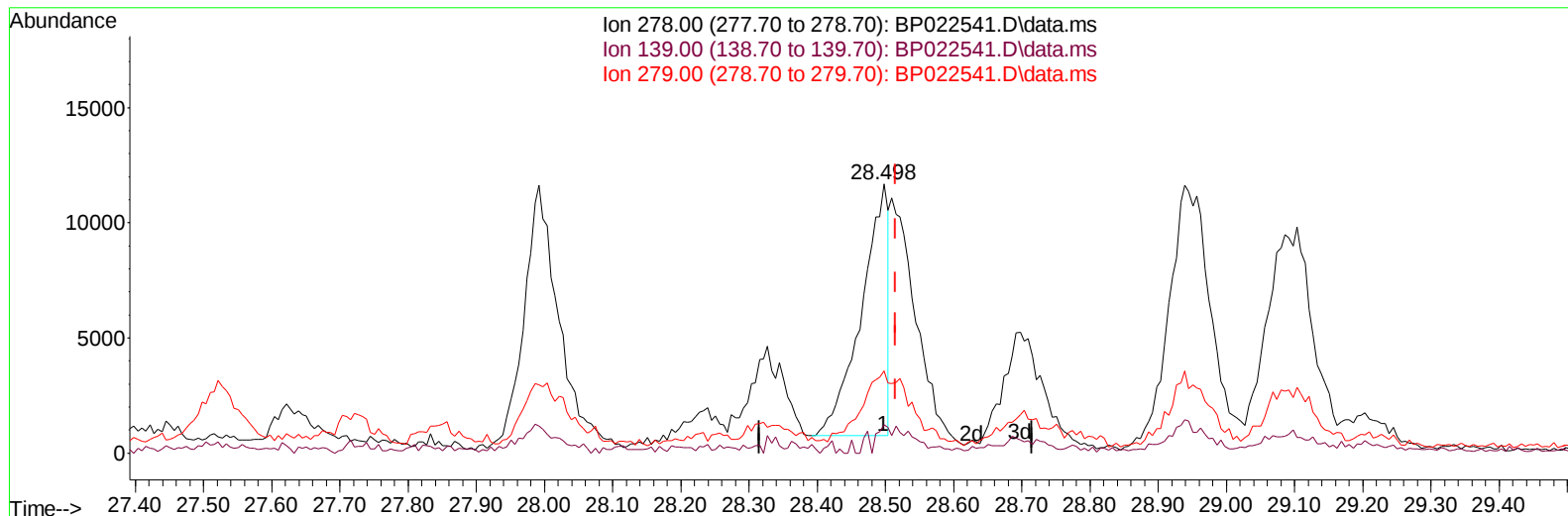
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022541.D
Acq On : 22 Oct 2024 17:47
Operator : RC/JU
Sample : P4429-10DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4FB3DL

Manual IntegrationsAPPROVED

Quant Time: Oct 23 01:20:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 22 05:59:59 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/25/2024



TIC: BP022541.D\data.ms

(95) Dibenzo(a,h)anthracene

28.498min (-0.017) 0.51 ng/u1

response 29904

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	9.10	10.52
279.00	23.70	30.56#
0.00	0.00	0.00

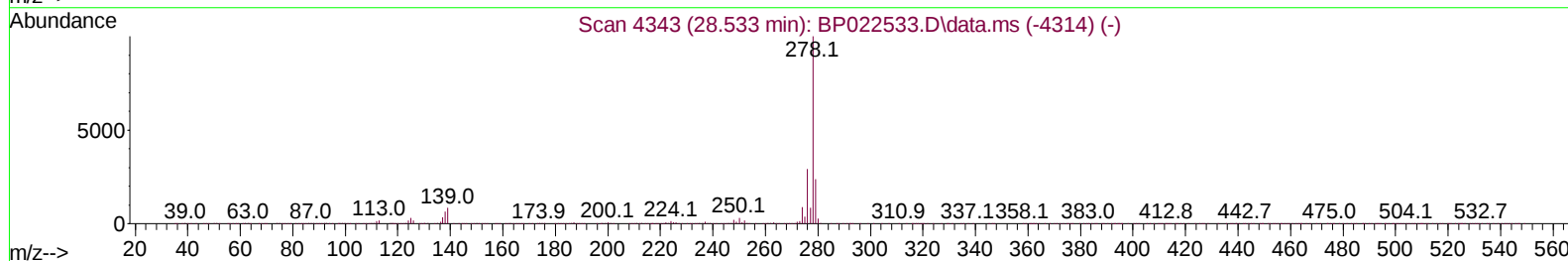
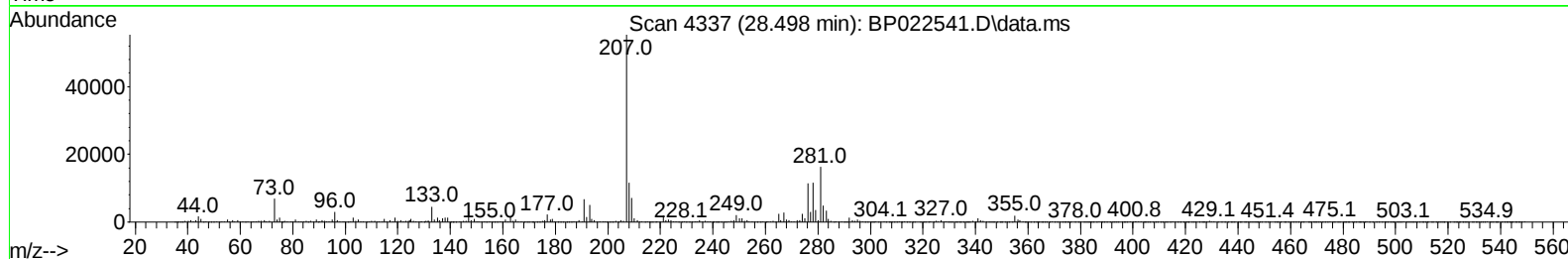
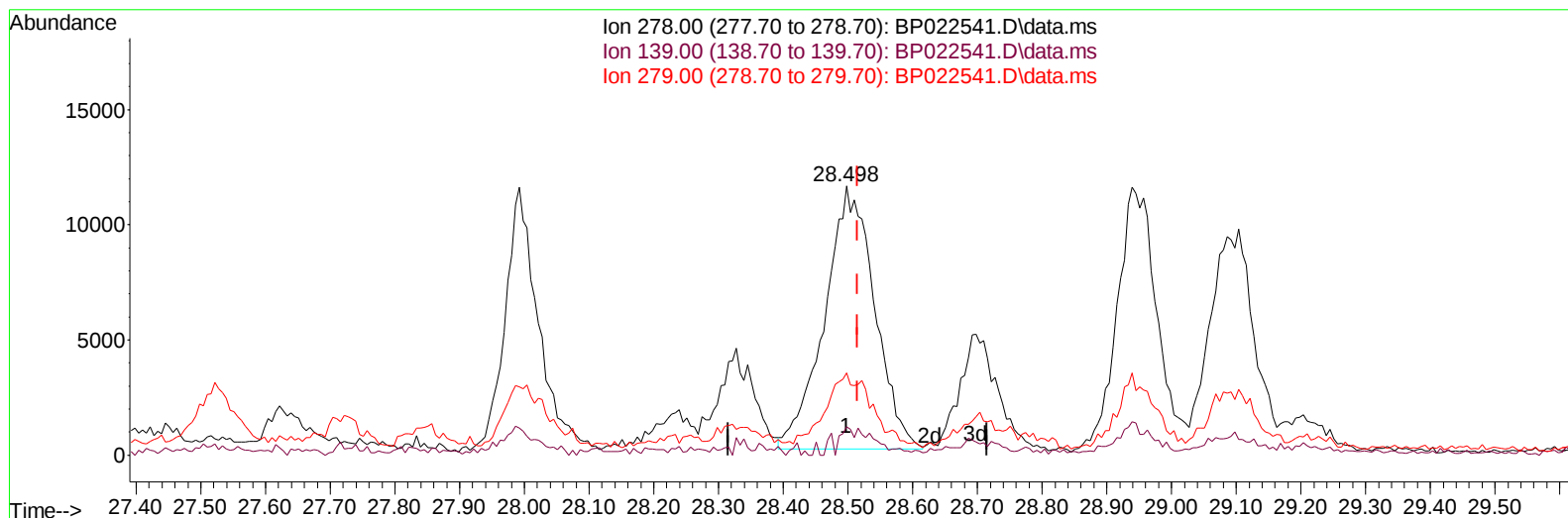
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
 Data File : BP022541.D
 Acq On : 22 Oct 2024 17:47
 Operator : RC/JU
 Sample : P4429-10DL 5X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4FB3DL

Manual IntegrationsAPPROVED

Quant Time: Oct 23 01:20:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 22 05:59:59 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/23/2024
 Supervised By :mohammad ahmed 10/25/2024



TIC: BP022541.D\data.ms

(95) Dibenzo(a,h)anthracene

28.498min (-0.017) 1.03 ng/u1 m

response 61198

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	9.10	10.52
279.00	23.70	30.56#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
 Data File : BP022541.D
 Acq On : 22 Oct 2024 17:47
 Operator : RC/JU
 Sample : P4429-10DL 5X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4FB3DL

Manual IntegrationsAPPROVED

Quant Time: Oct 23 01:22:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 22 05:59:59 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/23/2024
 Supervised By :mohammad ahmed 10/25/2024

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.658	152		91641	20.000	ng/ul	0.00
20) Naphthalene-d8	10.416	136		355960	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.269	164		276331	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.063	188		666685	20.000	ng/ul	-0.02
79) Chrysene-d12	21.504	240		785971	20.000	ng/ul	0.00
88) Perylene-d12	24.769	264		945095	20.000	ng/ul	0.02
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.199	96		1080m	0.458	ng/uL	0.00
4) Pyridine-d5	0.000	84		0d	0.000	ng/ul	
7) Phenol-d5	6.852	99		16307	2.114	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67		10520	2.320	ng/ul	0.00
11) 2-Chlorophenol-d4	7.205	132		12864	2.350	ng/ul	0.00
15) 4-Methylphenol-d8	8.369	113		12864	2.090	ng/ul	0.00
21) Nitrobenzene-d5	8.805	128		6251	2.284	ng/ul	0.00
24) 2-Nitrophenol-d4	9.516	143		6824m	2.154	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.063	165		15381m	2.284	ng/ul	0.01
31) 4-Chloroaniline-d4	10.569	131		9976	1.254	ng/ul	0.01
46) Dimethylphthalate-d6	13.675	166		60659	2.763	ng/ul	0.00
49) Acenaphthylene-d8	13.957	160		59933	2.570	ng/ul	0.00
54) 4-Nitrophenol-d4	14.534	143		4125m	1.120	ng/ul	0.03
60) Fluorene-d10	15.275	176		52916	2.779	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.422	200		3372m	0.769	ng/ul	0.00
73) Anthracene-d10	17.175	188		87067	2.776	ng/ul	0.00
81) Pyrene-d10	19.557	212		101293	2.437	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.527	264		91623	1.815	ng/ul	0.00
Target Compounds							
						Qvalue	
16) Acetophenone	8.469	105		12251	1.205	ng/ul	95
30) Naphthalene	10.463	128		22544	1.189	ng/ul	95
52) Acenaphthene	14.334	153		61351	3.585	ng/ul	99
56) Dibenzofuran	14.675	168		44433	1.728	ng/ul	97
61) Fluorene	15.334	166		68512	3.271	ng/ul	98
72) Phenanthrene	17.116	178		911140	25.545	ng/ul	99
74) Anthracene	17.210	178		161584	4.540	ng/ul	99
77) Carbazole	17.492	167		66247	2.103	ng/ul	98
80) Fluoranthene	19.210	202		1147202	24.009	ng/ul	97
82) Pyrene	19.586	202		777668	15.185	ng/ul	99
85) Benzo(a)anthracene	21.492	228		512559	9.302	ng/ul	98
87) Chrysene	21.551	228		466430	9.130	ng/ul	97
90) Benzo(b)fluoranthene	23.733	252		522267	8.779	ng/ul	99
91) Benzo(k)fluoranthene	23.792	252		185335m	3.182	ng/ul	
93) Benzo(a)pyrene	24.610	252		203955	3.725	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.445	276		157315m	2.153	ng/ul	
95) Dibenzo(a,h)anthracene	28.498	278		61198m	1.034	ng/ul	

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

