

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022544.D
Acq On : 22 Oct 2024 19:49
Operator : RC/JU
Sample : P4414-12
Misc :
ALS Vial : 45 Sample Multiplier: 1

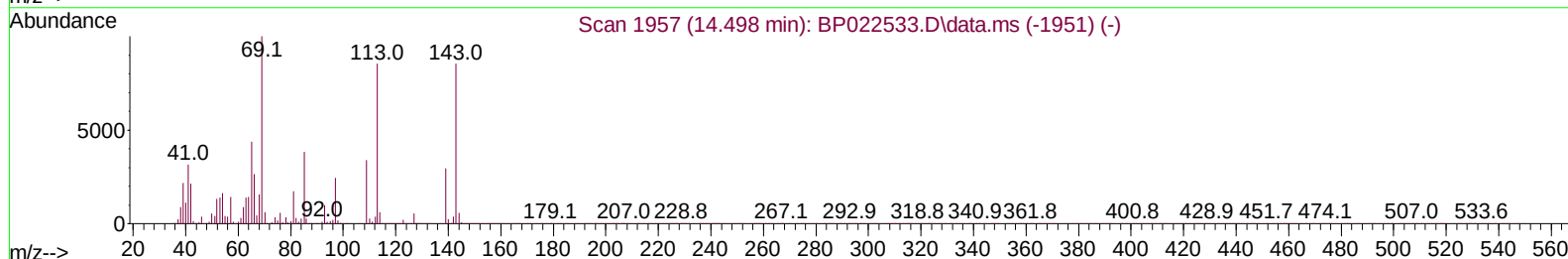
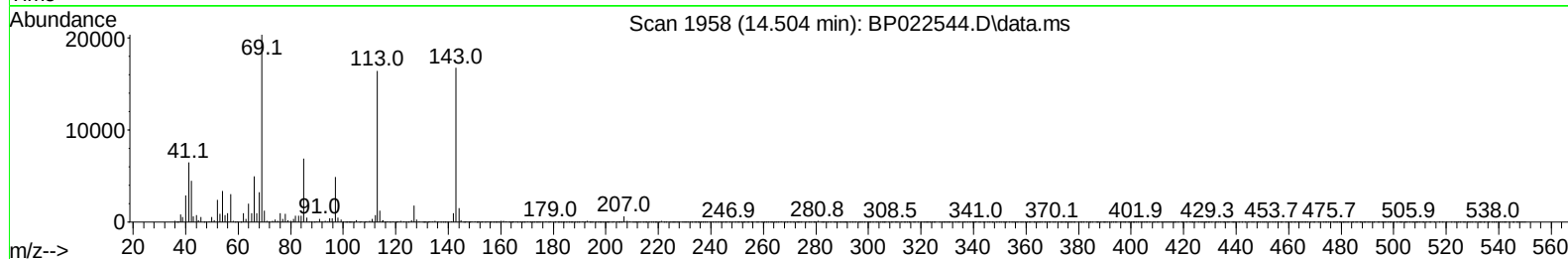
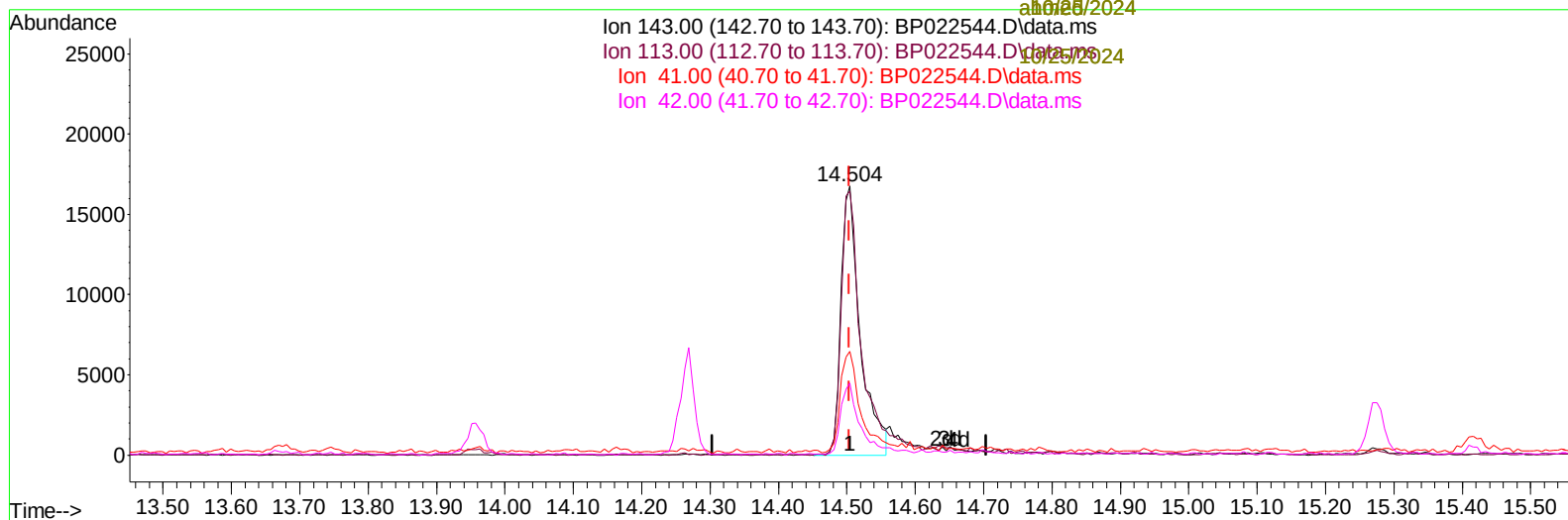
Instrument :
BNA_P
ClientSampleId :
A4FA3

Manual IntegrationsAPPROVED

Reviewed By :Yogesh
Patel

Supervised By :mohammad
ahmed/2024

Quant Time: Oct 23 01:41:32 2024
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(54) 4-Nitrophenol-d4 (S)

14.504min (+ 0.000) 7.07 ng/ul

response 32788

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	97.60	98.09
41.00	35.90	38.53
42.00	23.70	26.69

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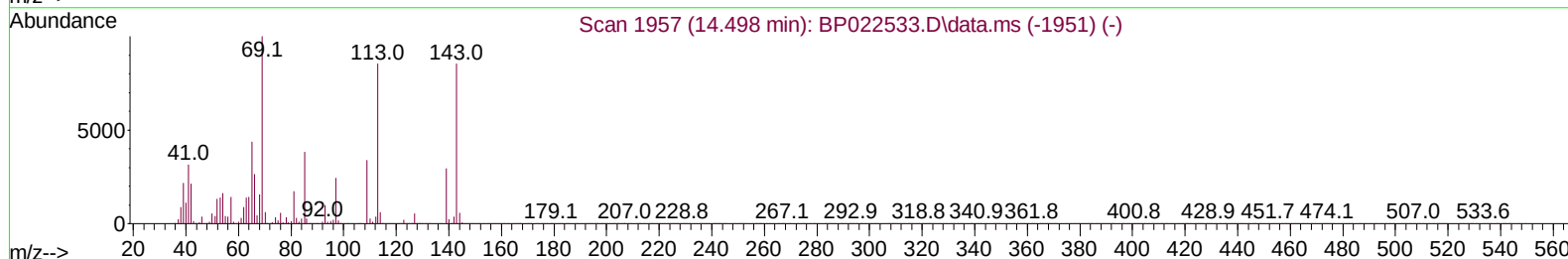
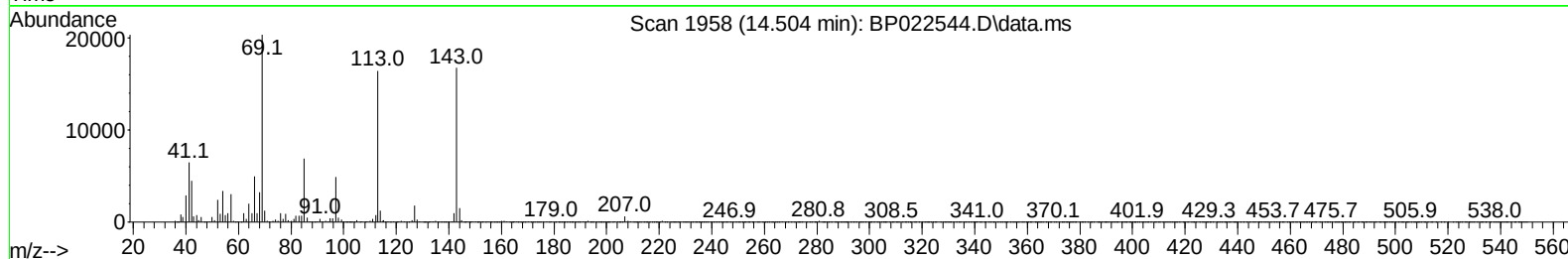
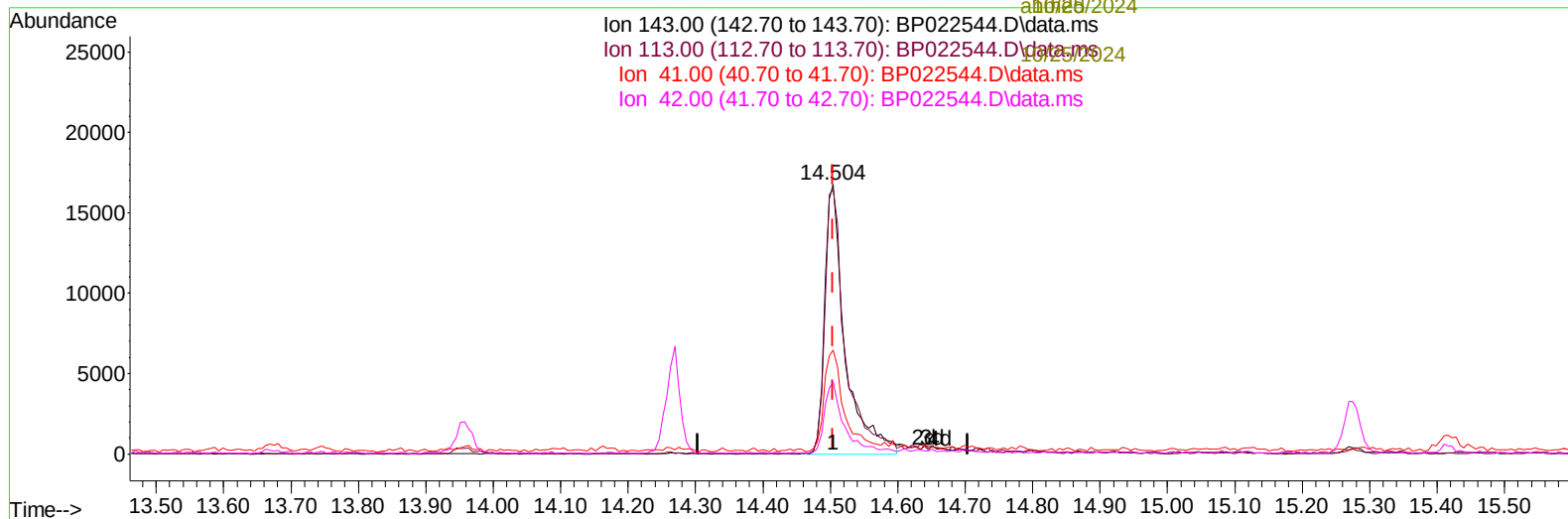
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(54) 4-Nitrophenol-d4 (S)

14.504min (+ 0.000) 7.61 ng/ul m

response 35305

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	97.60	98.09
41.00	35.90	38.53
42.00	23.70	26.69

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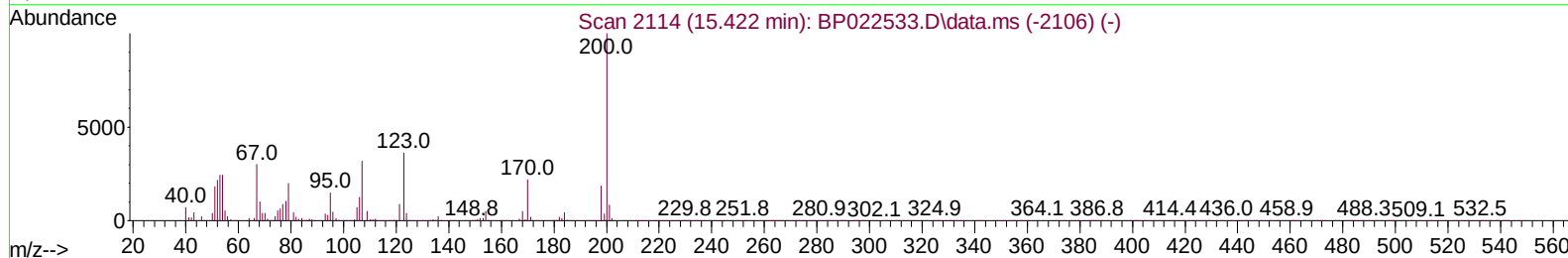
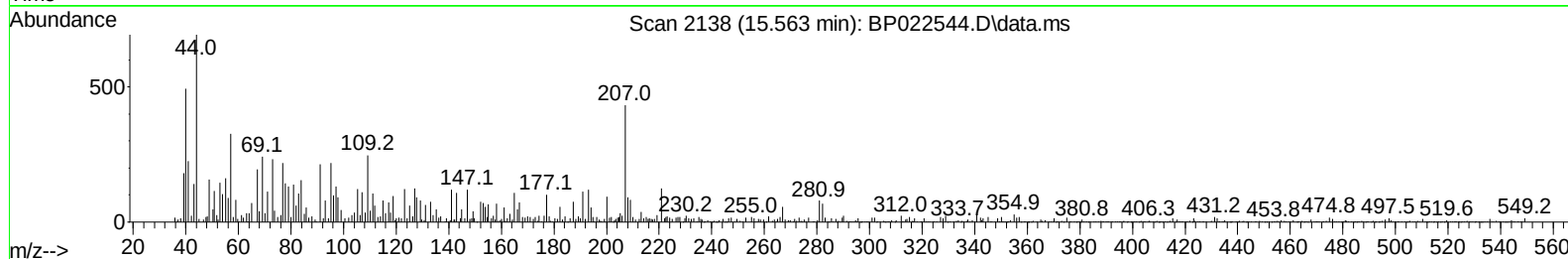
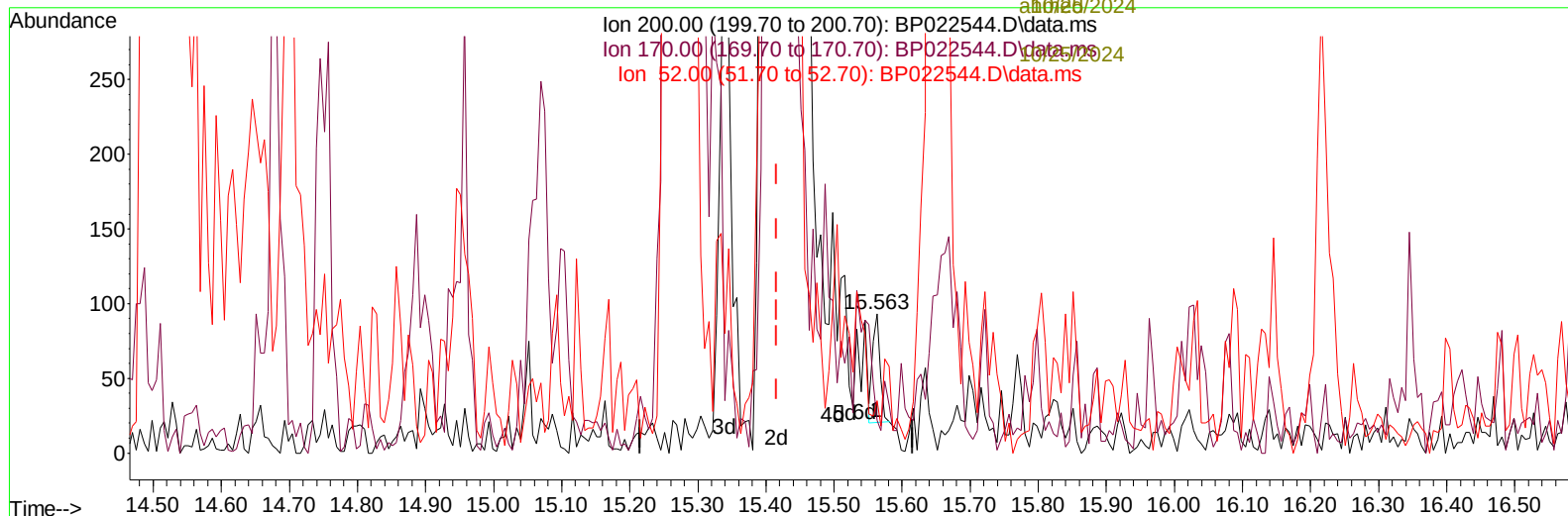
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Supervised By :mohammad
 Supervised By :mohammad
 at 10/25/2024



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

15.563min (+ 0.147) 0.01 ng/ul

response	56	
Ion	Exp%	Act%
200.00	100.00	100.00
170.00	22.00	23.66
52.00	36.60	37.63
0.00	0.00	0.00

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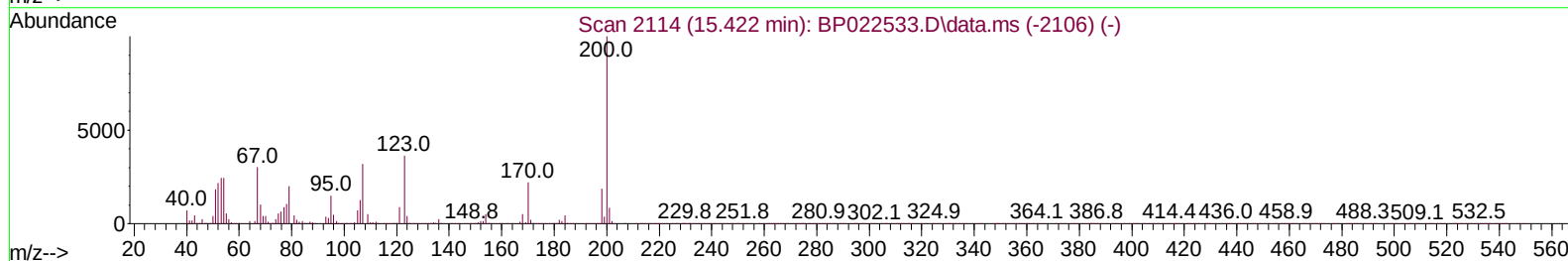
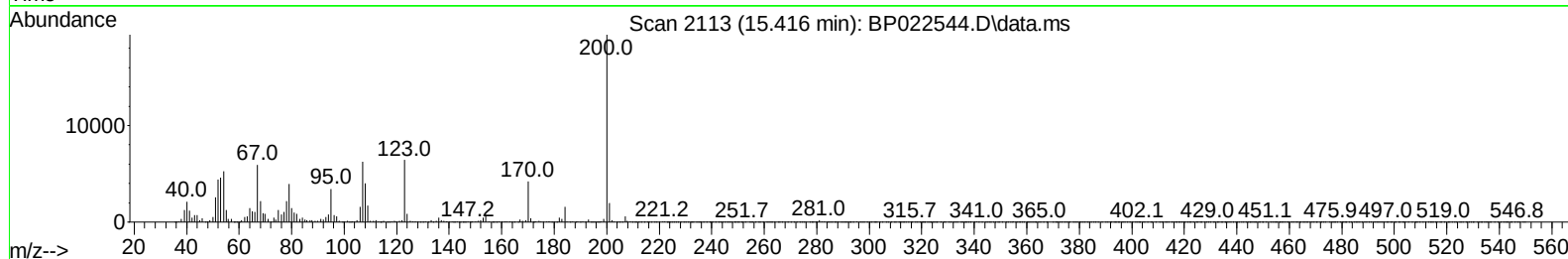
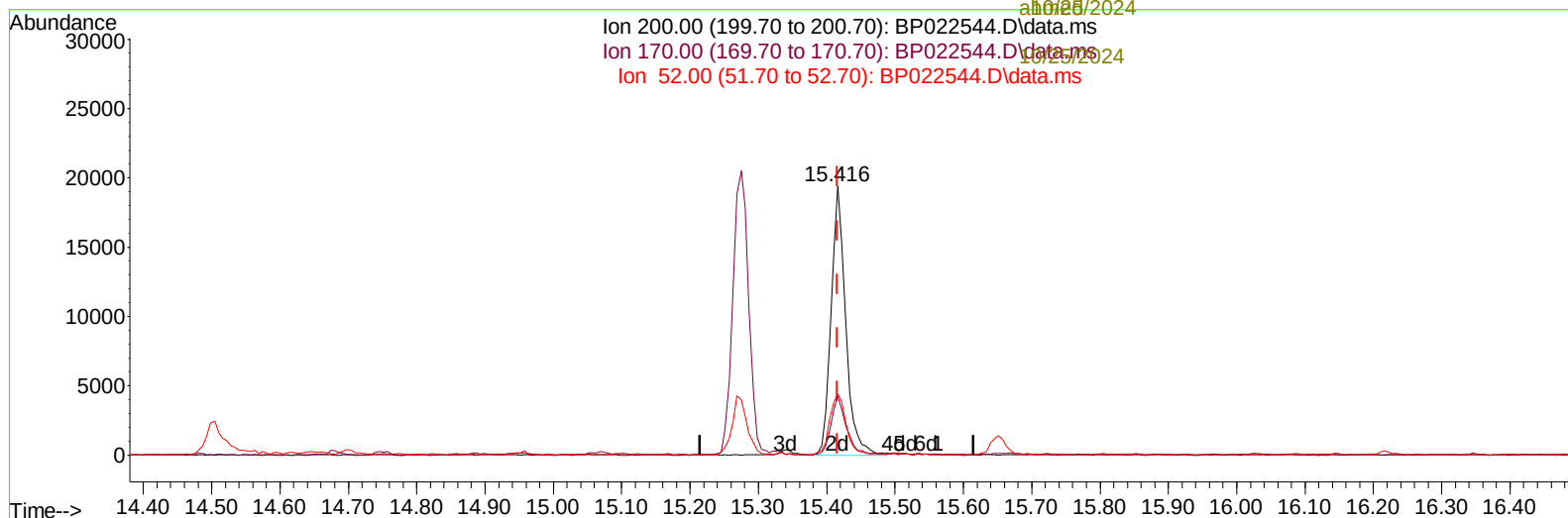
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 Patel

Supervised By :mohammad
 Supervised By :mohammad
 10/25/2024



TIC: BP022544.D\data.ms

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

15.416min (+ 0.000) 5.38 ng/ul m

response 28709

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	22.00	21.78
52.00	36.60	22.73#
0.00	0.00	0.00

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ALS Vial : 45 Sample Multiplier: 1

Instrument :
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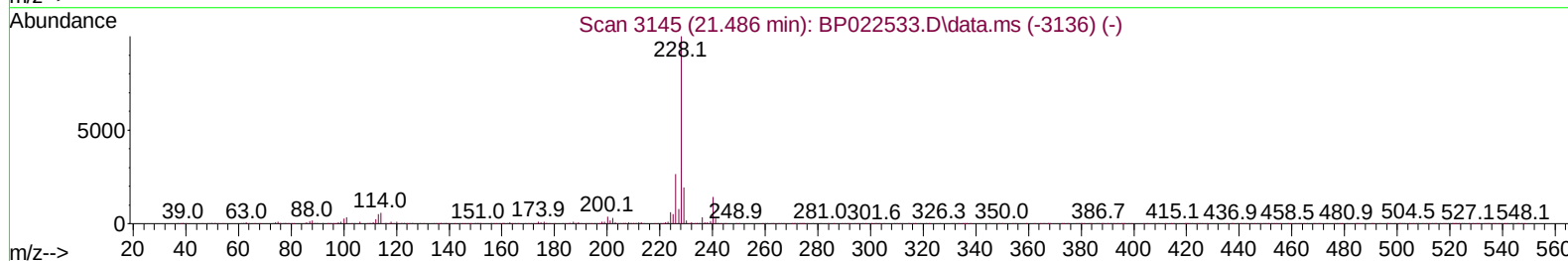
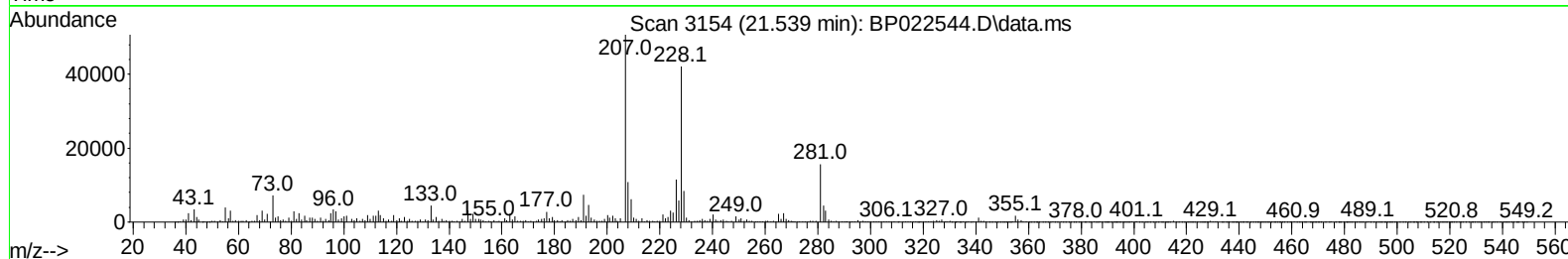
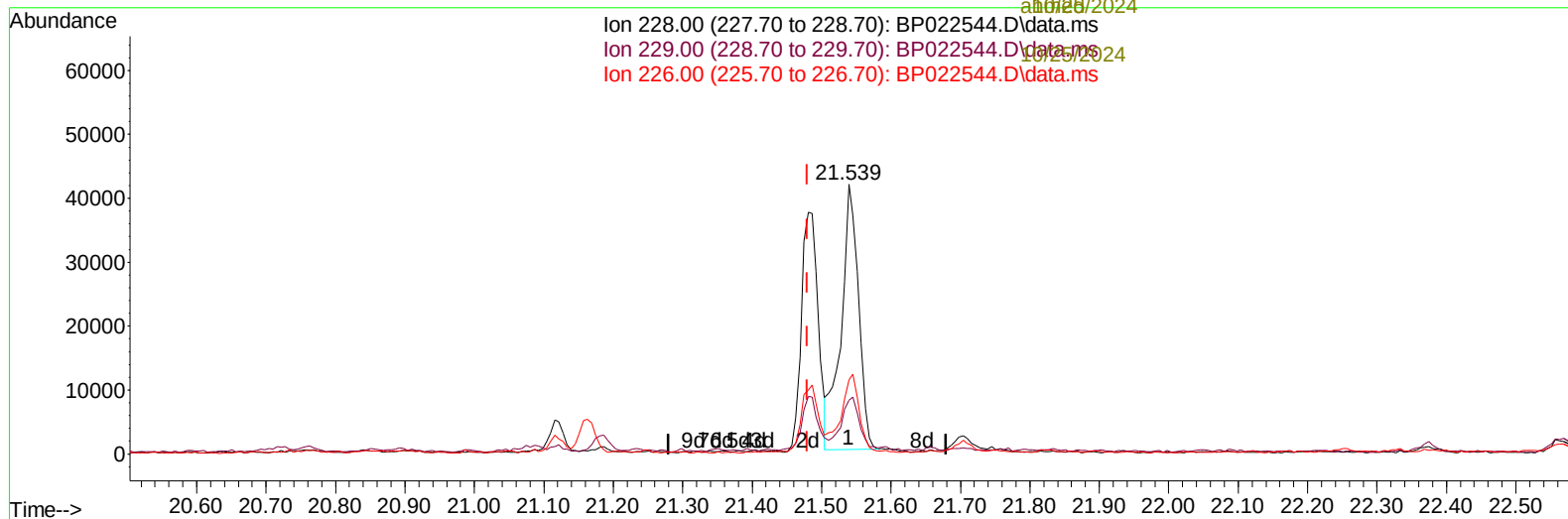
Manual IntegrationsAPPROVED

Reviewed By :Yogesh
Patel

Supervised By :mohammad
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all 01/25/2024

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Ion 228.00 (227.70 to 228.70): BP022544.D\data.ms
Ion 229.00 (228.70 to 229.70): BP022544.D\data.ms
Ion 226.00 (225.70 to 226.70): BP022544.D\data.ms



TIC: BP022544.D\data.ms

(85) Benzo(a)anthracene

21.539min (+ 0.059) 1.29 ng/u/l

response 72094

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.20	19.93
226.00	26.90	27.38
0.00	0.00	0.00

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ALS Vial : 45 Sample Multiplier: 1

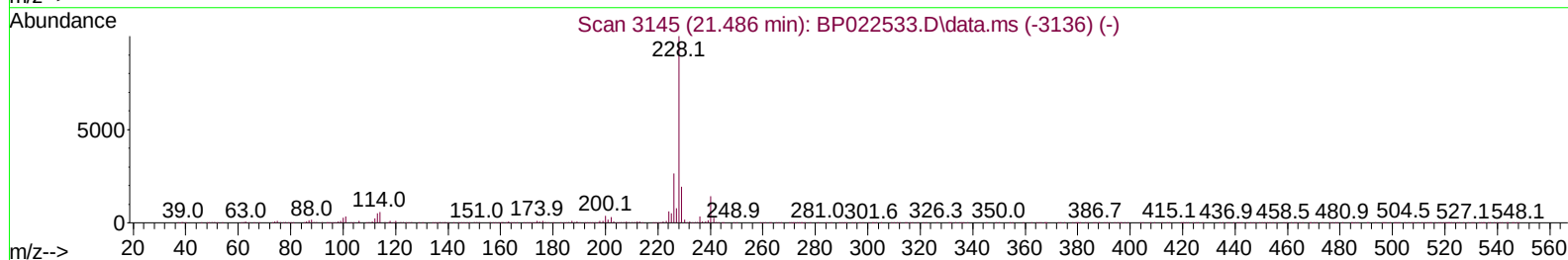
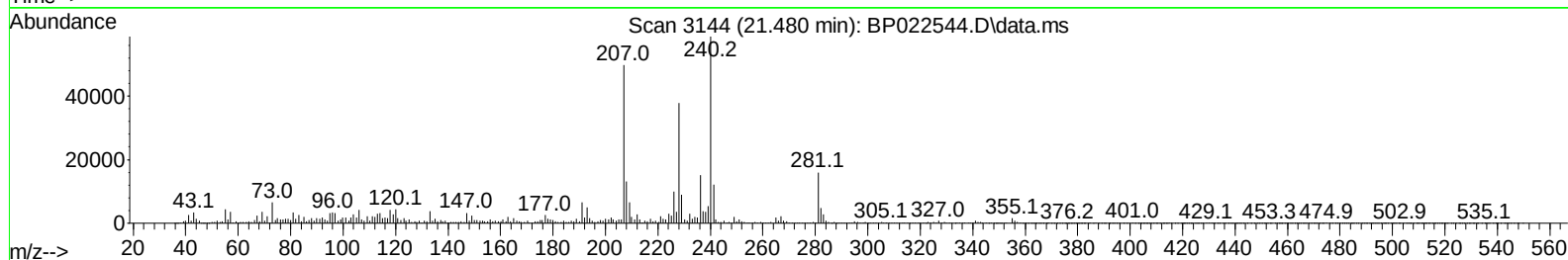
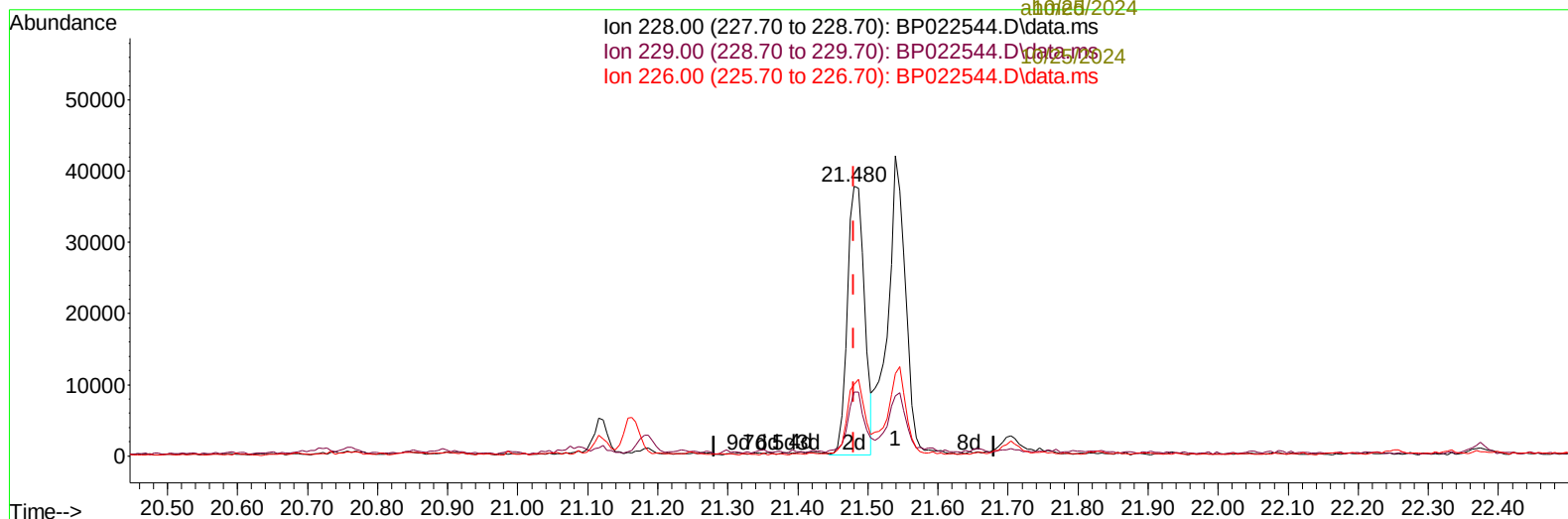
Instrument :
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Reviewed By :Yogesh
Patel

Supervised By :mohammad
Supervised By :mohammad
all 025/2024



TIC: BP022544.D\data.ms

(85) Benzo(a)anthracene

21.480min (+ 0.000) 1.15 ng/ul m

response 64101

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.20	23.81#
226.00	26.90	26.54
0.00	0.00	0.00

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 ALS Vial : 45 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh
 Patel

Supervised By :mohammad
 at 10/25/2024

Quant Time: Oct 23 01:45:00 2024
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)
-----10/25/2024							
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.658	152		118963	20.000	ng/ul	0.00
20) Naphthalene-d8	10.416	136		450168	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.269	164		348121	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.069	188		811906	20.000	ng/ul	-0.01
79) Chrysene-d12	21.504	240		796737	20.000	ng/ul	0.00
88) Perylene-d12	24.768	264		932688	20.000	ng/ul	0.02
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.193	96		4603	1.504	ng/uL	0.00
4) Pyridine-d5	0.000	84		0d	0.000	ng/ul	
7) Phenol-d5	6.858	99		95671	9.554	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67		58327	9.910	ng/ul	0.00
11) 2-Chlorophenol-d4	7.205	132		73585	10.356	ng/ul	0.00
15) 4-Methylphenol-d8	8.363	113		70603	8.835	ng/ul	0.00
21) Nitrobenzene-d5	8.799	128		35134	10.150	ng/ul	0.00
24) 2-Nitrophenol-d4	9.510	143		41477	10.350	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.052	165		85621	10.053	ng/ul	0.00
31) 4-Chloroaniline-d4	10.557	131		55967	5.561	ng/ul	0.00
46) Dimethylphthalate-d6	13.675	166		299061	10.812	ng/ul	0.00
49) Acenaphthylene-d8	13.957	160		309241	10.527	ng/ul	0.00
54) 4-Nitrophenol-d4	14.504	143		35305m	7.609	ng/ul	0.00
60) Fluorene-d10	15.275	176		273963	11.420	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.416	200		28709m	5.376	ng/ul	0.00
73) Anthracene-d10	17.169	188		441284	11.554	ng/ul	0.00
81) Pyrene-d10	19.551	212		476240	11.303	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.545	264		378477	7.598	ng/ul	0.02
Target Compounds							
						Qvalue	
8) Phenol	6.887	94		12323	1.183	ng/ul	96
16) Acetophenone	8.469	105		50573	3.833	ng/ul	95
72) Phenanthrene	17.116	178		62098	1.430	ng/ul	97
80) Fluoranthene	19.204	202		155125	3.203	ng/ul	100
82) Pyrene	19.586	202		100805	1.942	ng/ul	97
85) Benzo(a)anthracene	21.480	228		64101m	1.148	ng/ul	
86) Bis(2-ethylhexyl)phtha...	21.422	149		207873	8.012	ng/ul	99
87) Chrysene	21.539	228		72190	1.394	ng/ul	97
90) Benzo(b)fluoranthene	23.733	252		101518	1.729	ng/ul	96

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

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