

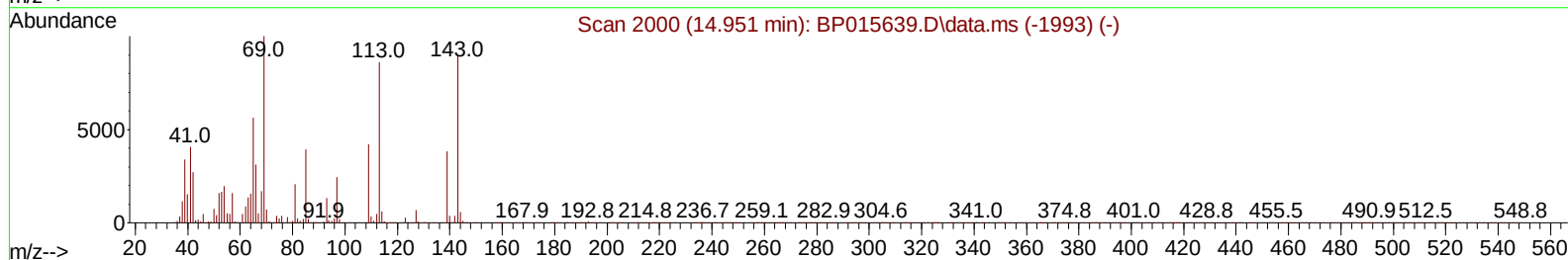
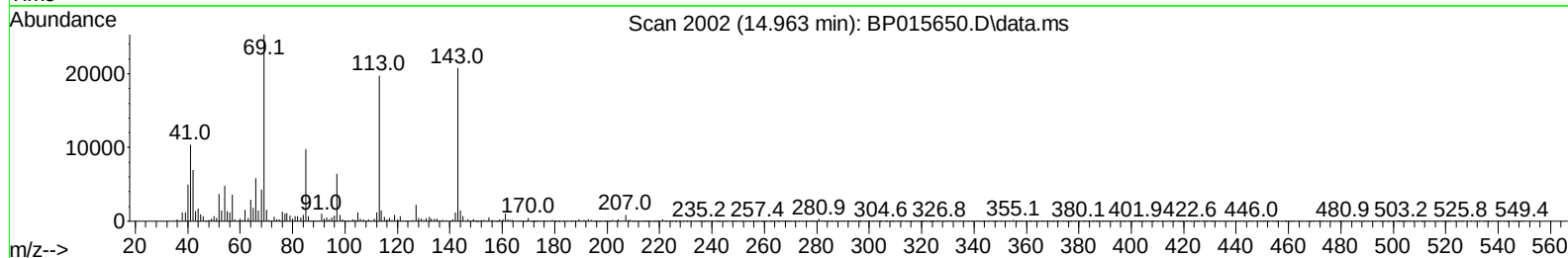
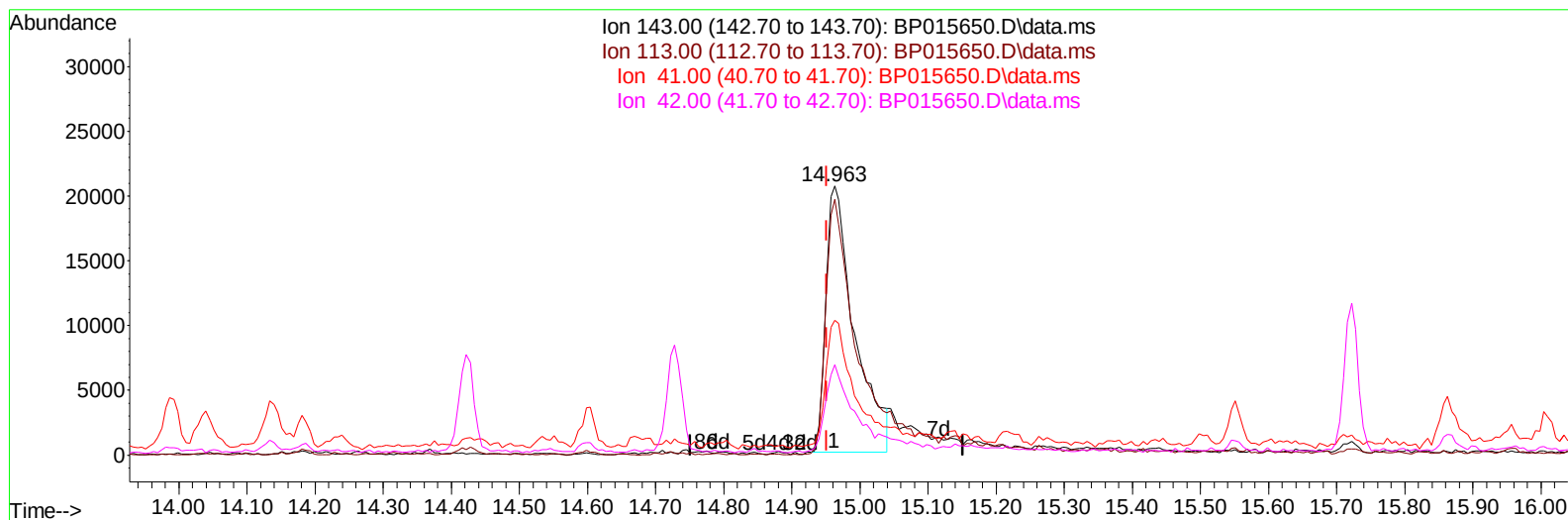
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062223\
 Data File : BP015650.D
 Acq On : 22 Jun 2023 16:47
 Operator : MA/JU
 Sample : 03083-16
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFL4

Manual IntegrationsAPPROVED

Quant Time: Jun 22 22:06:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 22 22:01:49 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023



TIC: BP015650.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.963min (+ 0.012) 12.43 ng/ul

response 59721

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	86.60	95.07
41.00	42.20	50.18
42.00	29.40	33.56

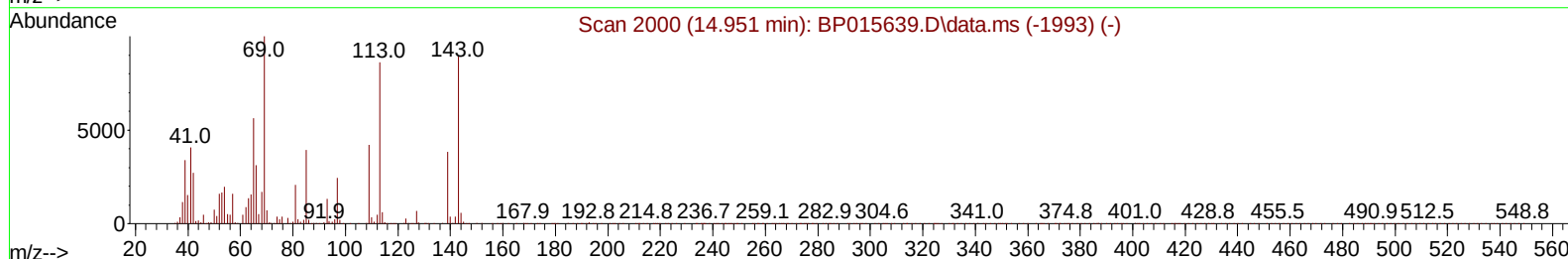
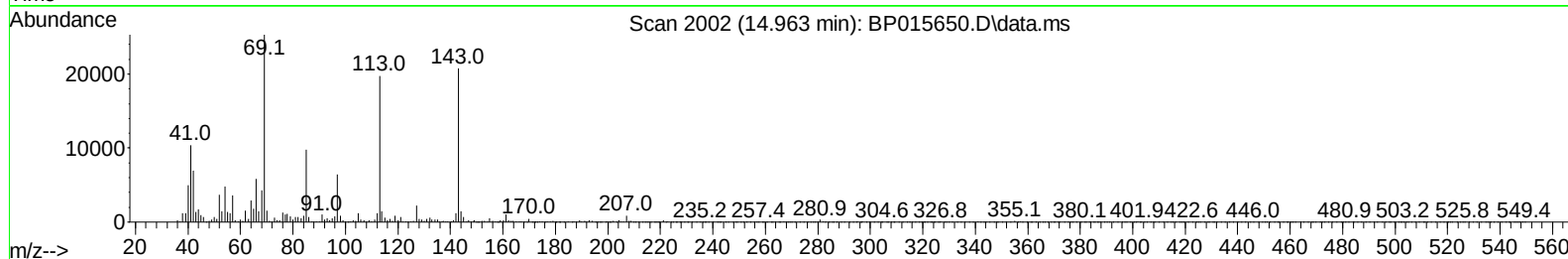
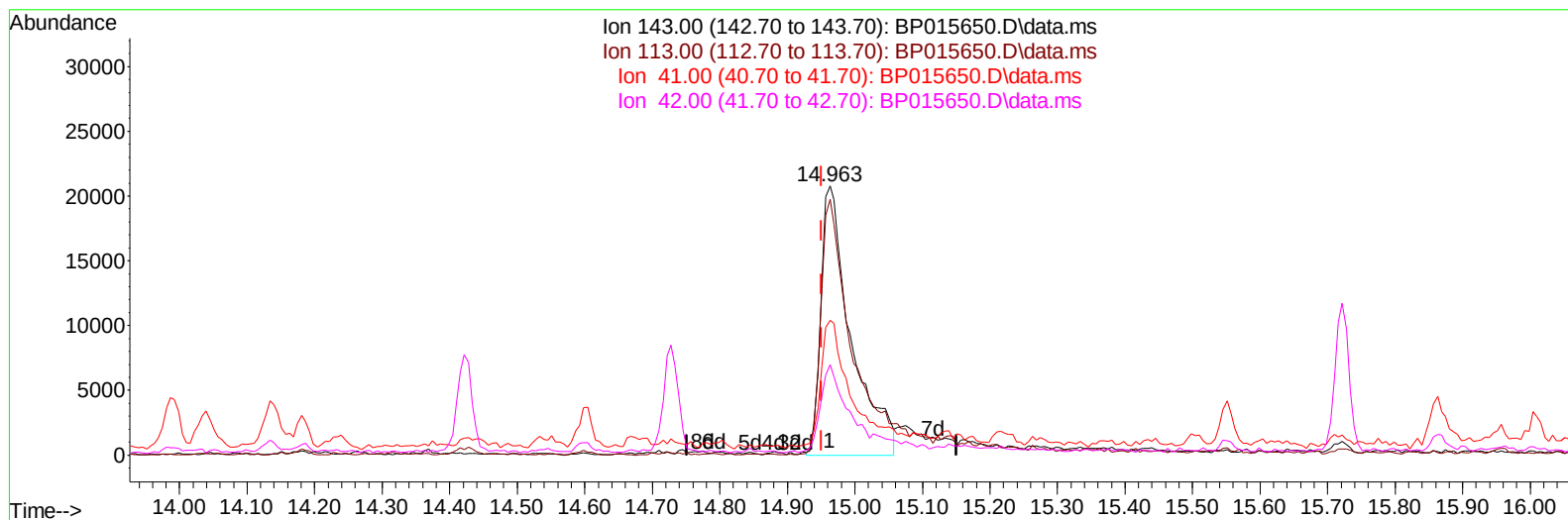
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 Supervised By :mohammad ahmed 06/23/2023



TIC: BP015650.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.963min (+ 0.012) 13.35 ng/ul m

response 64146

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	86.60	95.07
41.00	42.20	50.18
42.00	29.40	33.56

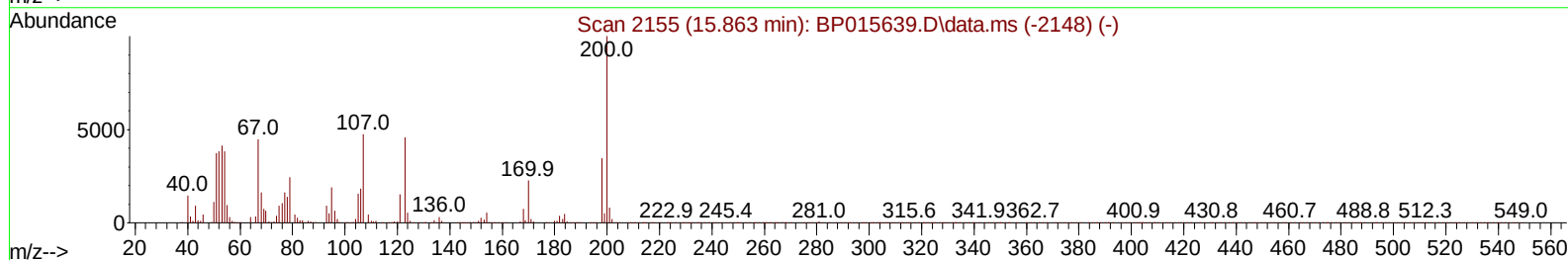
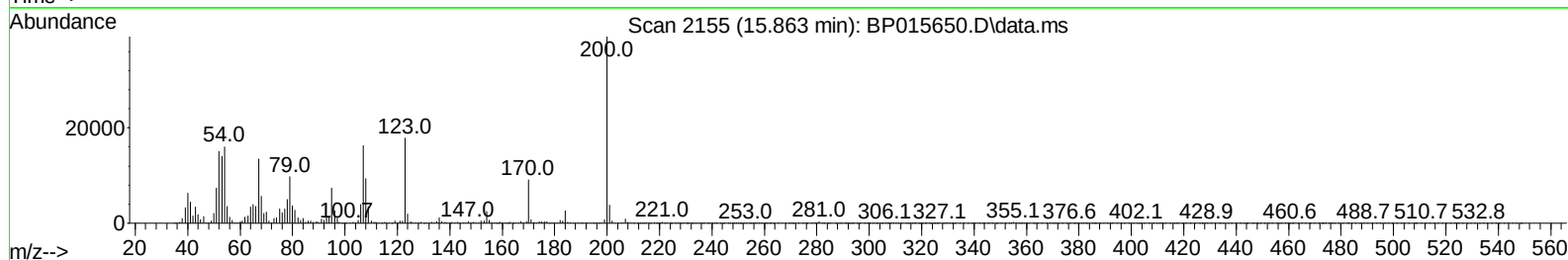
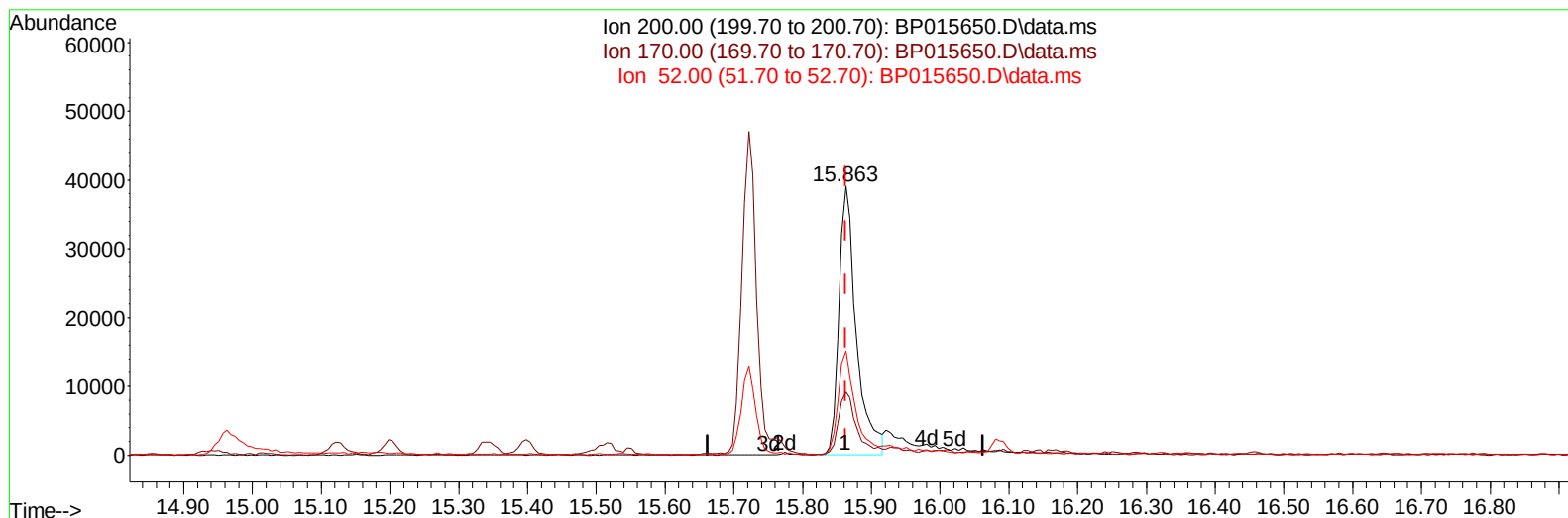
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062223\
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Instrument :
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TIC: BP015650.D\data.ms

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

15.863min (+ 0.000) 17.00 ng/ul

response 68793

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	22.30	23.51
52.00	46.20	38.72
0.00	0.00	0.00

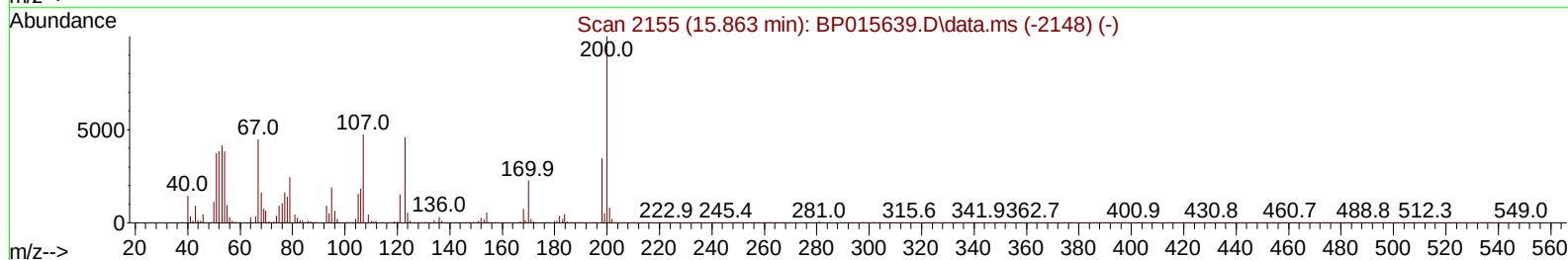
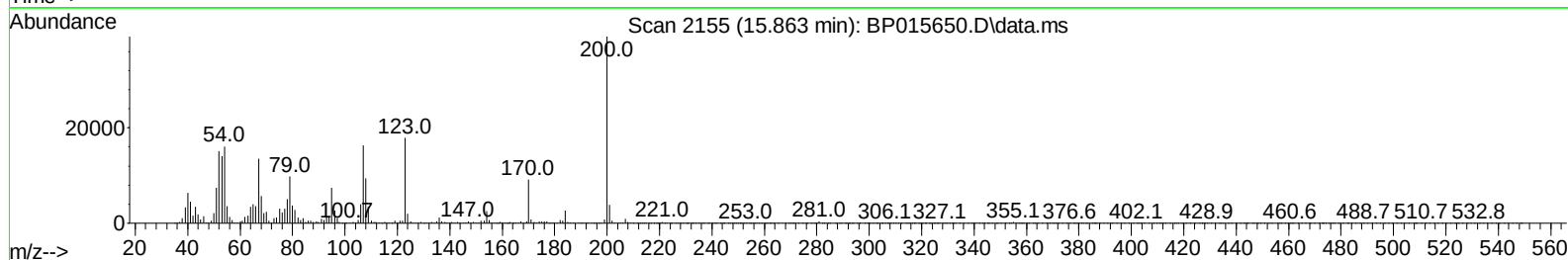
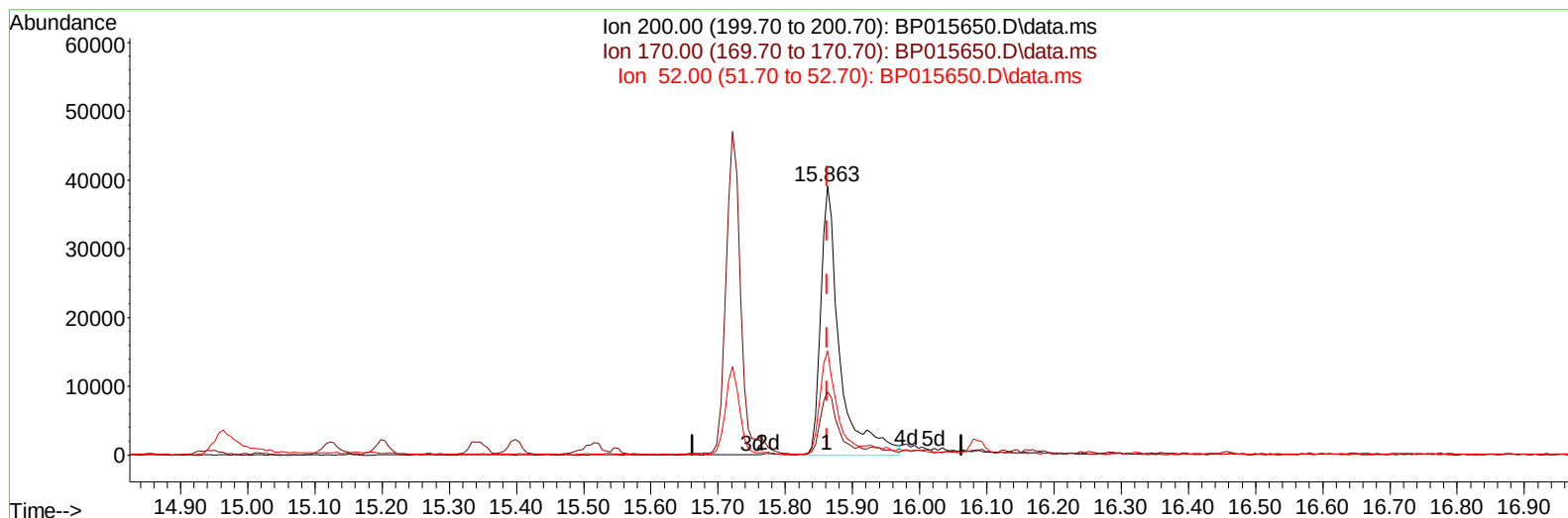
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Instrument :
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Manual IntegrationsAPPROVED

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TIC: BP015650.D\data.ms

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

15.863min (+ 0.000) 18.90 ng/ul m

response 76462

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	22.30	23.51
52.00	46.20	38.72
0.00	0.00	0.00

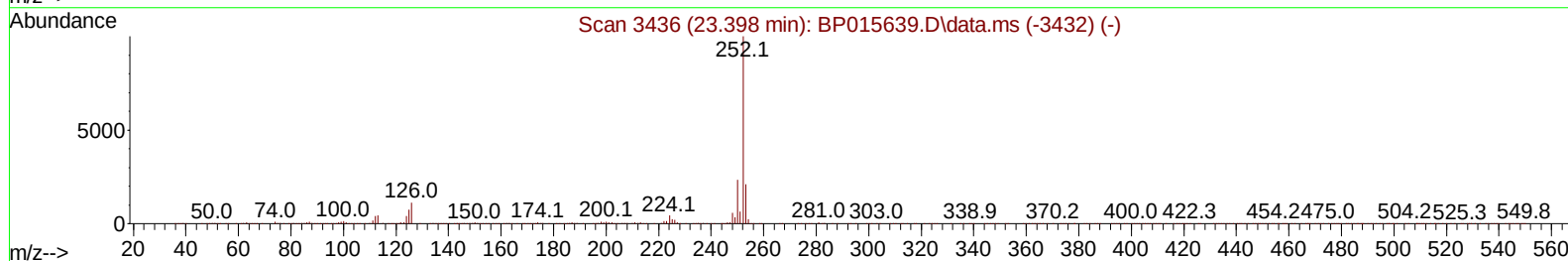
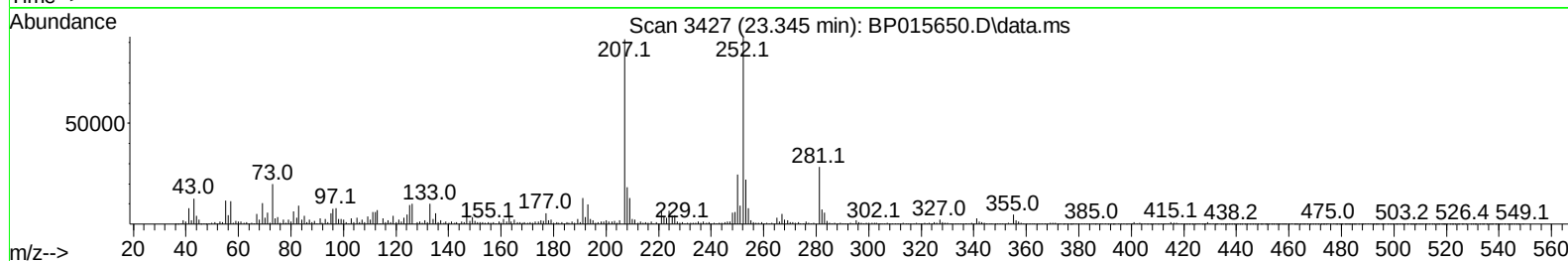
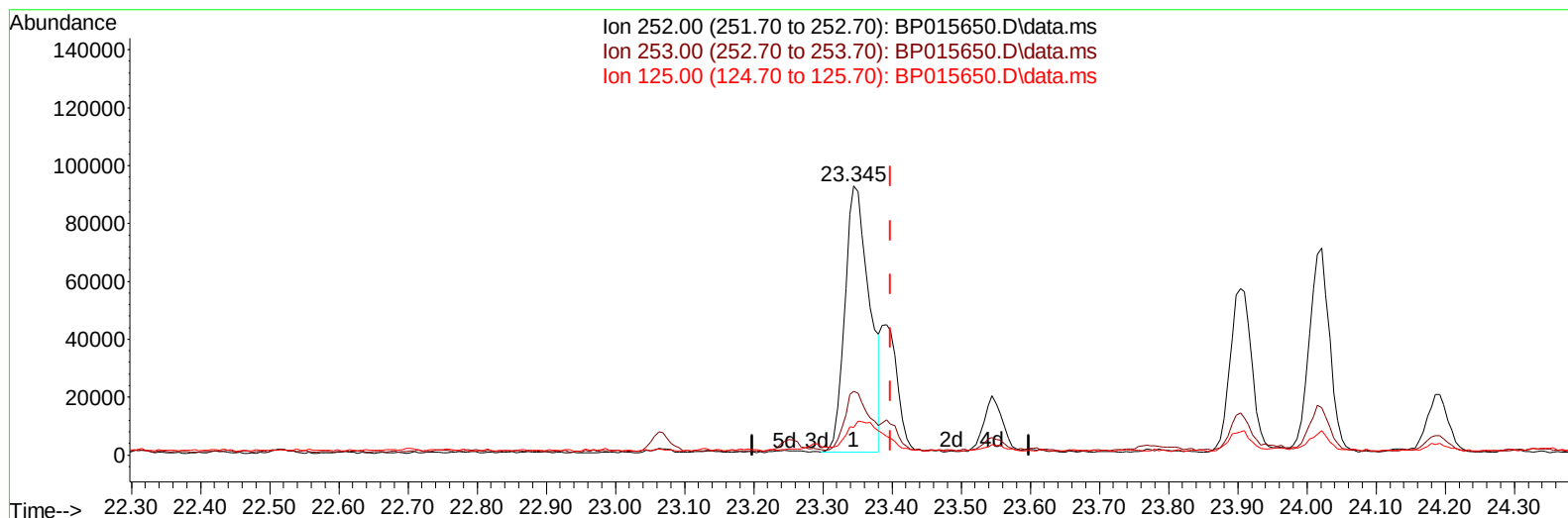
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Instrument :
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Manual IntegrationsAPPROVED

Quant Time: Jun 22 22:58:12 2023
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Reviewed By :Yogesh Patel 06/23/2023
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TIC: BP015650.D\data.ms

(91) Benzo(k)fluoranthene

23.345min (-0.053) 6.69 ng/u1

response 226836

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	23.72
125.00	9.10	10.32
0.00	0.00	0.00

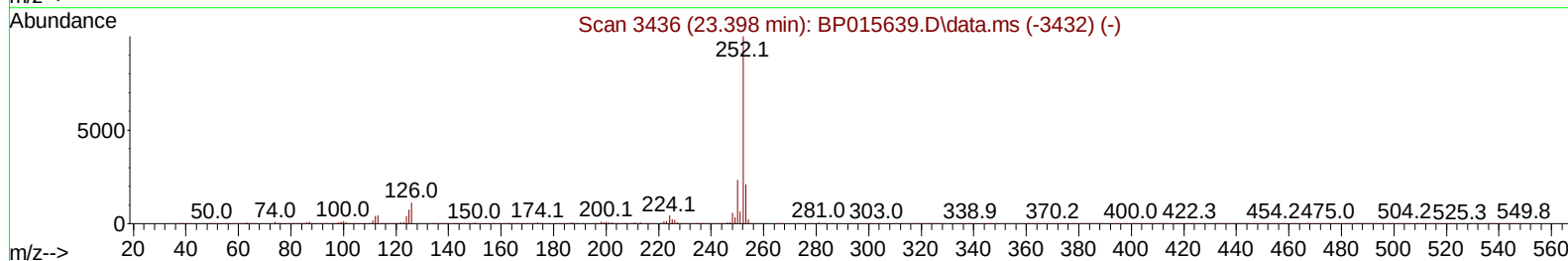
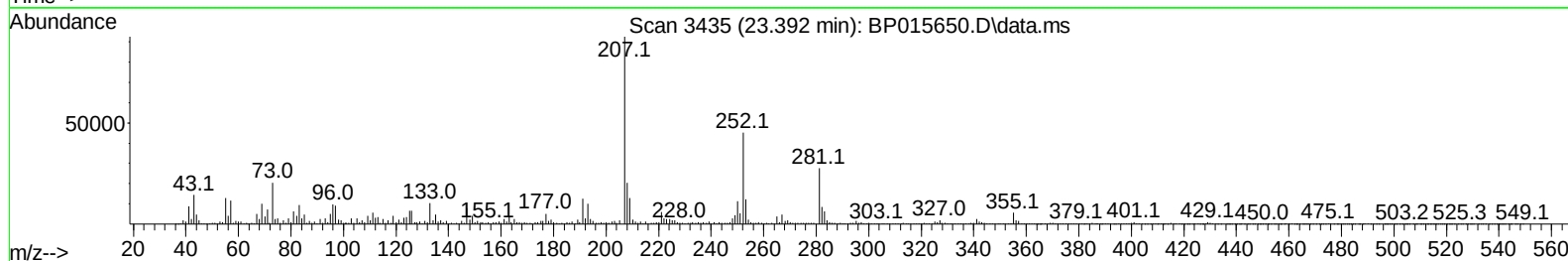
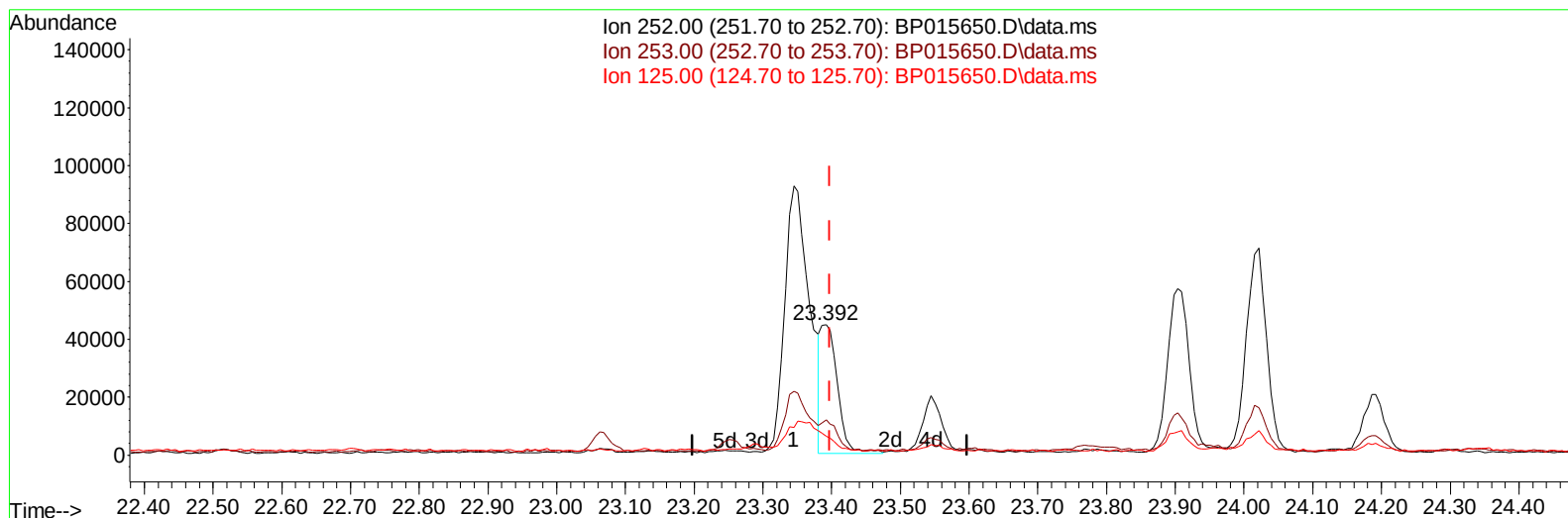
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TIC: BP015650.D\data.ms

(91) Benzo(k)fluoranthene

23.392min (-0.006) 2.22 ng/ul m

response 75138

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	27.08#
125.00	9.10	14.50#
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/23/2023
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Quant Time: Jun 22 22:58:35 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	130574	20.000	ng/ul	0.00
20) Naphthalene-d8	10.904	136	557334	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.728	164	340133	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.492	188	638742	20.000	ng/ul	0.00
79) Chrysene-d12	21.574	240	426249	20.000	ng/ul	0.00
88) Perylene-d12	24.133	264	543012	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	12708	3.604	ng/uL	0.00
4) Pyridine-d5	3.846	84	76456	8.347	ng/ul	0.00
7) Phenol-d5	7.240	99	254755	21.178	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.399	67	163005	22.690	ng/ul	0.00
11) 2-Chlorophenol-d4	7.604	132	206770	23.708	ng/ul	0.00
15) 4-Methylphenol-d8	8.799	113	195513	19.804	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	107936	24.668	ng/ul	0.00
24) 2-Nitrophenol-d4	9.987	143	120421	24.099	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	207795	22.796	ng/ul	0.00
31) 4-Chloroaniline-d4	11.057	131	162957	12.455	ng/ul	0.00
46) Dimethylphthalate-d6	14.134	166	704305	26.259	ng/ul	0.00
49) Acenaphthylene-d8	14.422	160	785374	26.779	ng/ul	0.00
54) 4-Nitrophenol-d4	14.963	143	64146m	13.355	ng/ul	0.01
60) Fluorene-d10	15.722	176	557716	24.658	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	76462m	18.896	ng/ul	0.00
73) Anthracene-d10	17.592	188	723046	24.880	ng/ul	0.00
81) Pyrene-d10	19.816	212	720410	31.578	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.962	264	729348	26.769	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.533	178	97012	2.830	ng/ul	99
80) Fluoranthene	19.492	202	239140	8.606	ng/ul	98
82) Pyrene	19.845	202	195790	6.810	ng/ul	99
85) Benzo(a)anthracene	21.563	228	115173	3.865	ng/ul	97
87) Chrysene	21.615	228	134964	4.792	ng/ul	96
90) Benzo(b)fluoranthene	23.345	252	226836	6.472	ng/ul	96
91) Benzo(k)fluoranthene	23.392	252	75138m	2.218	ng/ul	
93) Benzo(a)pyrene	24.021	252	144404	4.725	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.839	276	136244	3.445	ng/ul	96
95) Dibenzo(a,h)anthracene	26.845	278	35728	1.109	ng/ul#	83
96) Benzo(g,h,i)perylene	27.674	276	127445	3.910	ng/ul	97

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

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