

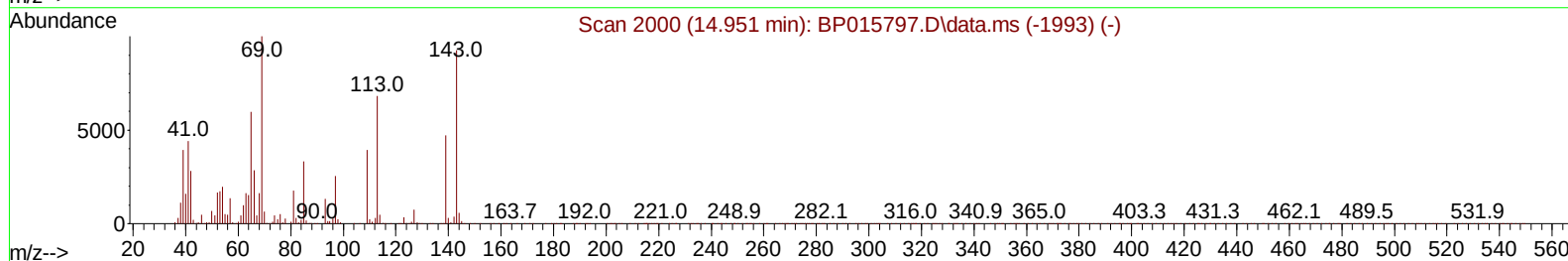
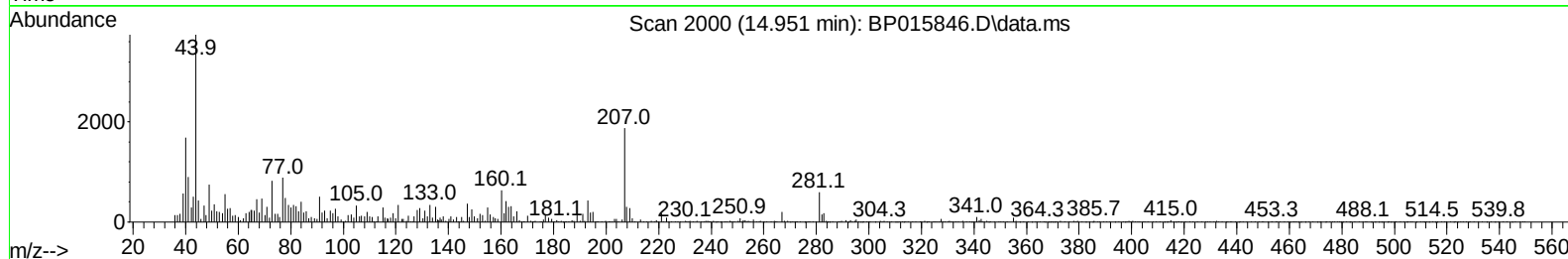
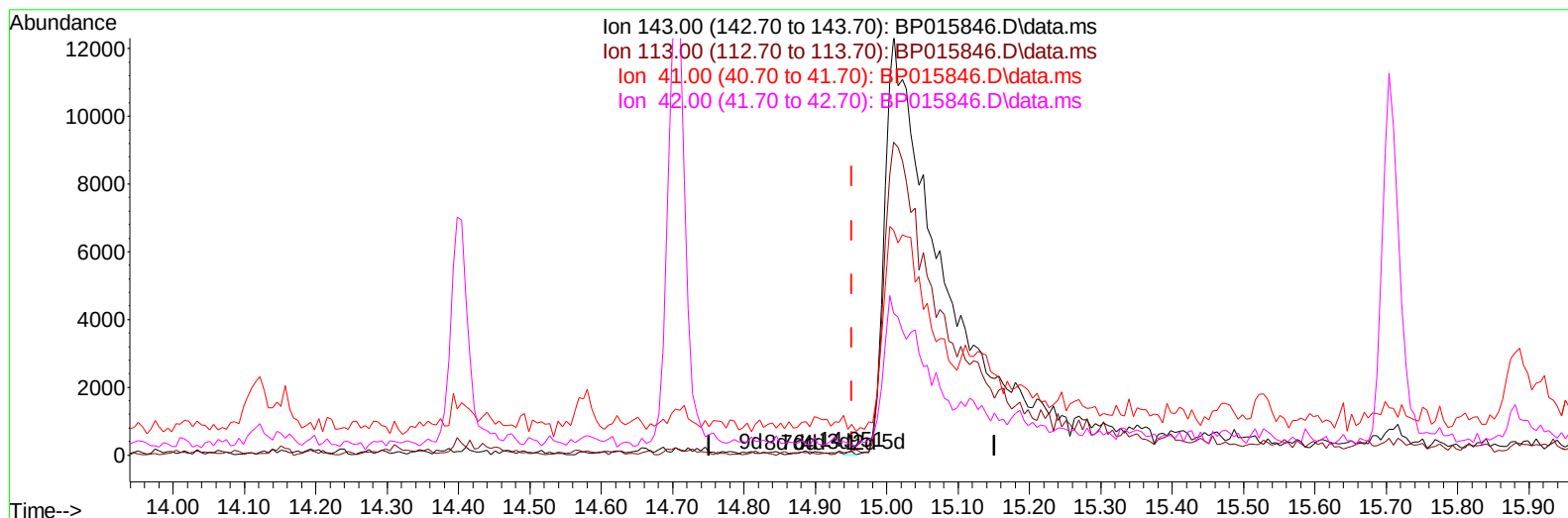
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015846.D
Acq On : 30 Jun 2023 16:14
Operator : MA/JU
Sample : 03161-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFW5

Manual IntegrationsAPPROVED

Quant Time: Jun 30 22:33:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 30 22:30:25 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



TIC: BP015846.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.951min (+ 0.000) 0.01 ng/ul

response 55

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	94.00	107.48
41.00	45.70	845.79#
42.00	31.20	269.16#

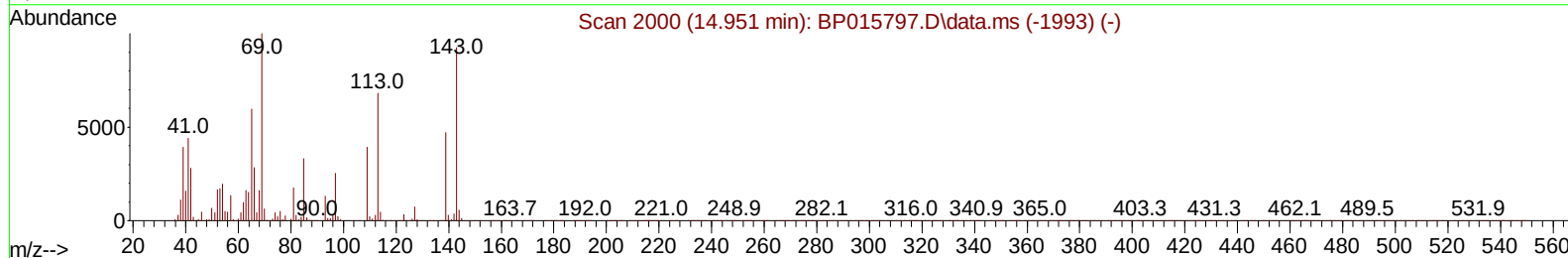
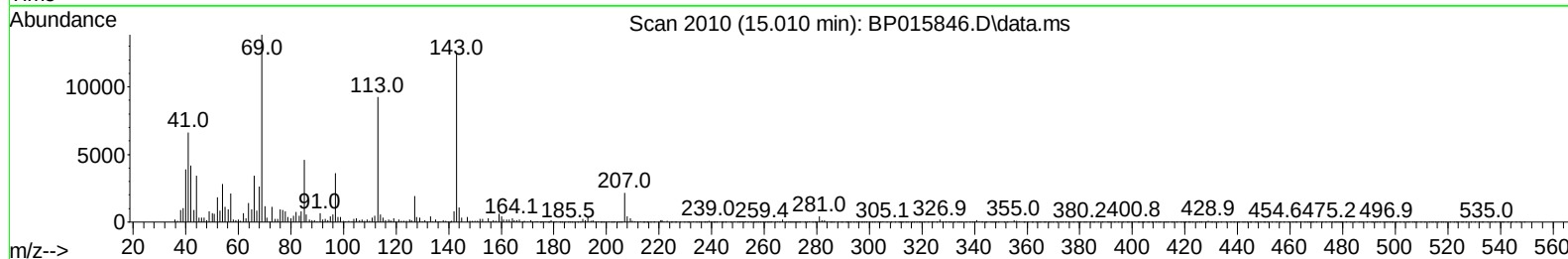
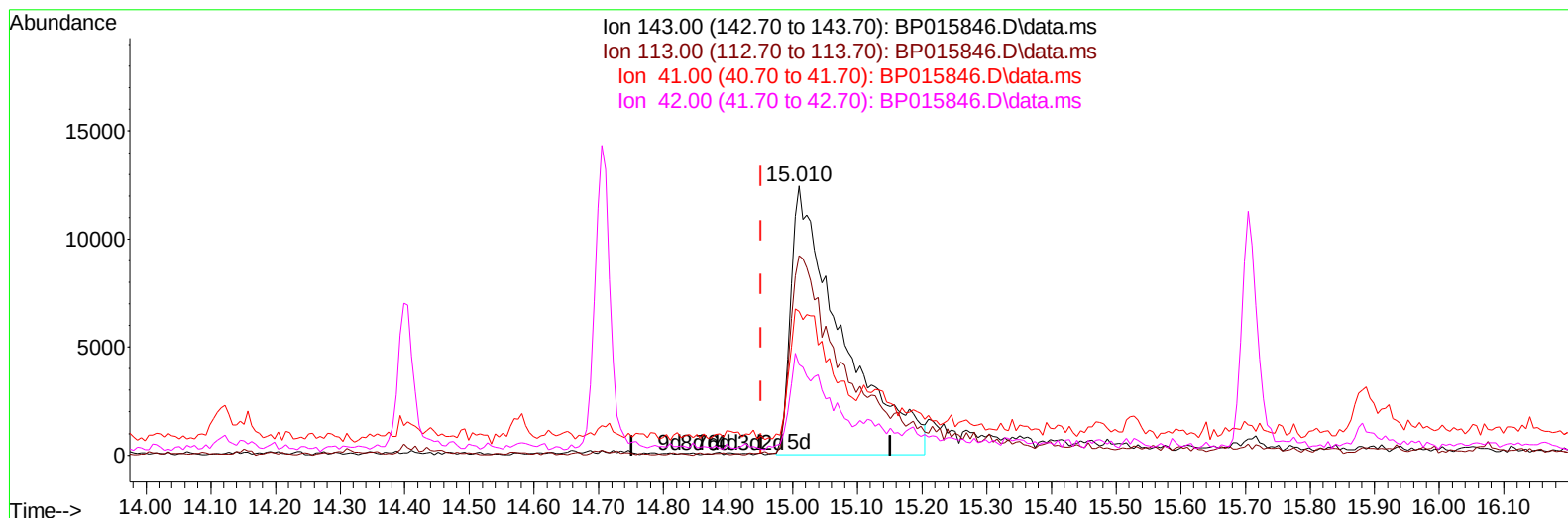
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Instrument :
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TIC: BP015846.D\data.ms

(54) 4-Nitrophenol-d4 (S)

15.010min (+ 0.059) 10.53 ng/ul m

response 67881

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	94.00	74.26#
41.00	45.70	53.37
42.00	31.20	33.62

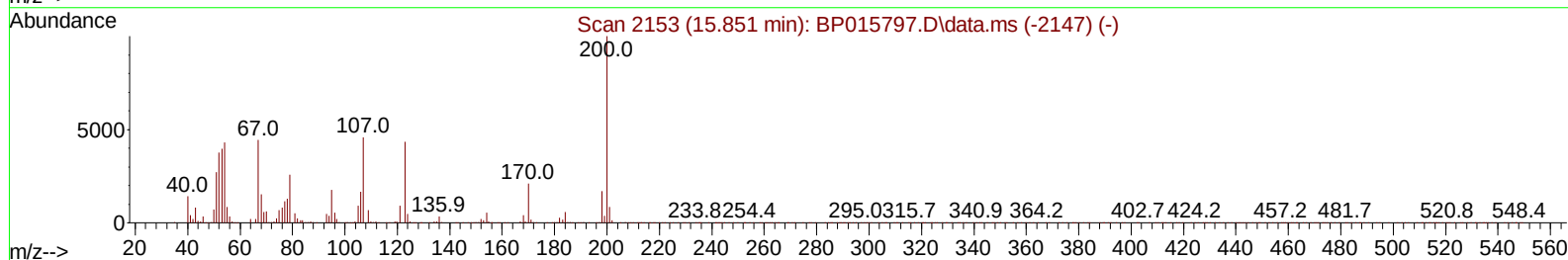
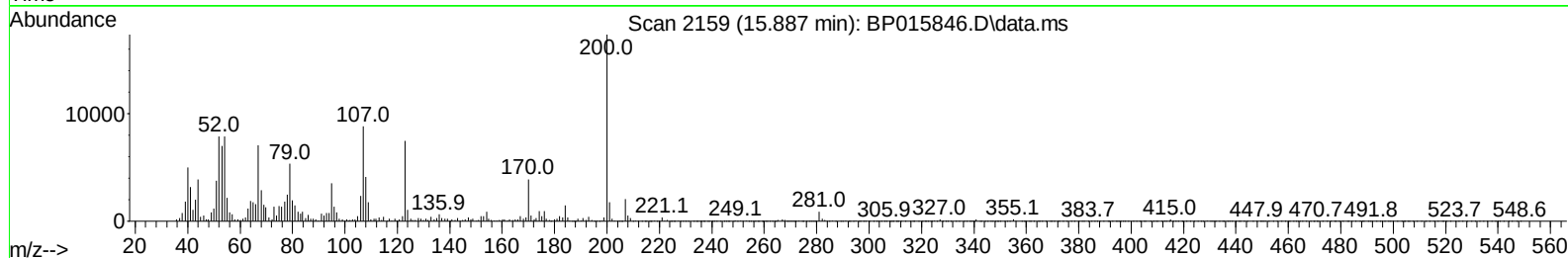
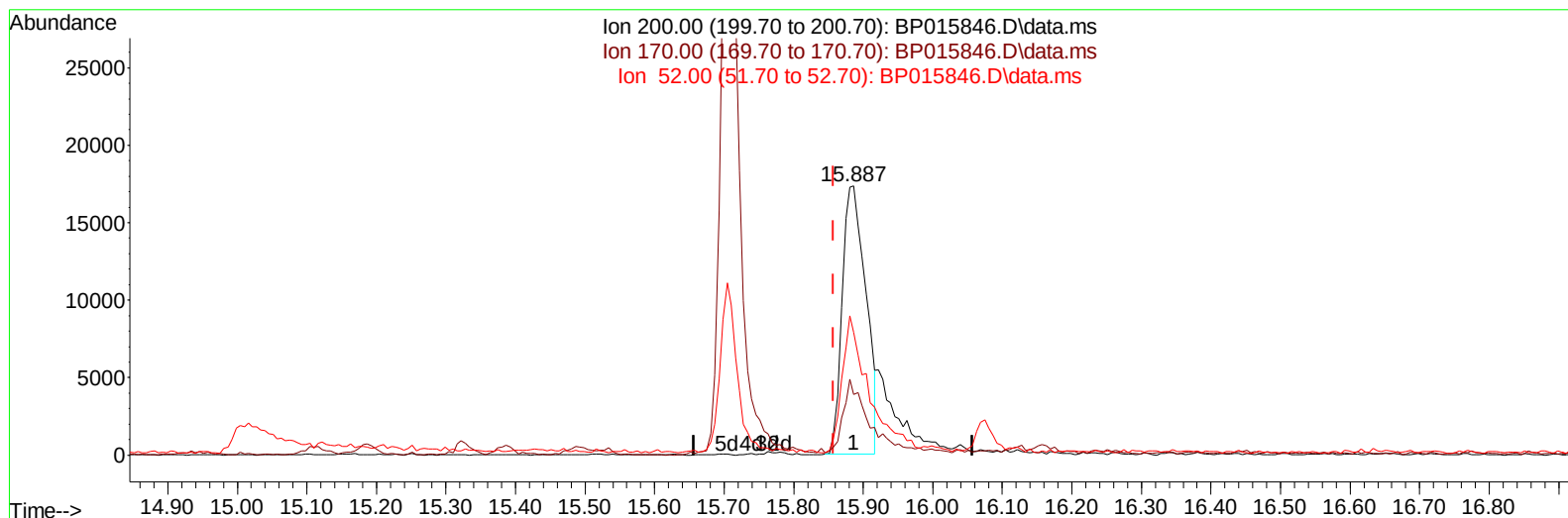
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TIC: BP015846.D\data.ms

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

15.887min (+ 0.029) 4.89 ng/ul

response 40889

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	24.30	22.48
52.00	52.20	45.55
0.00	0.00	0.00

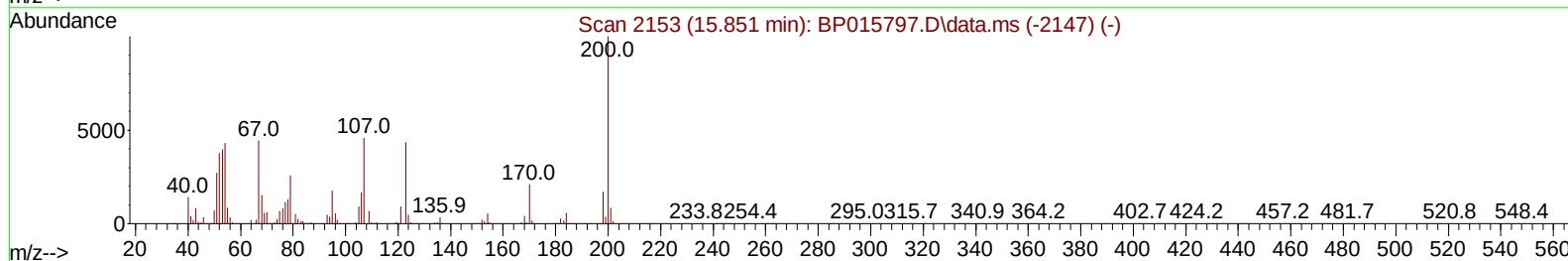
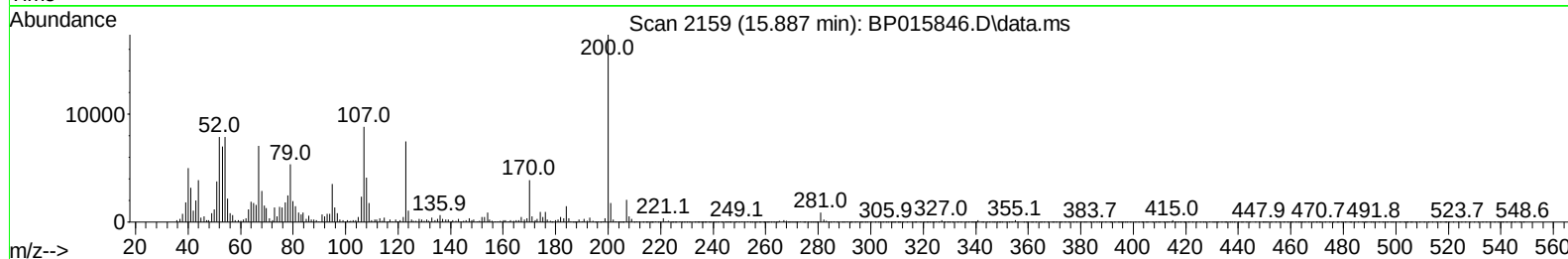
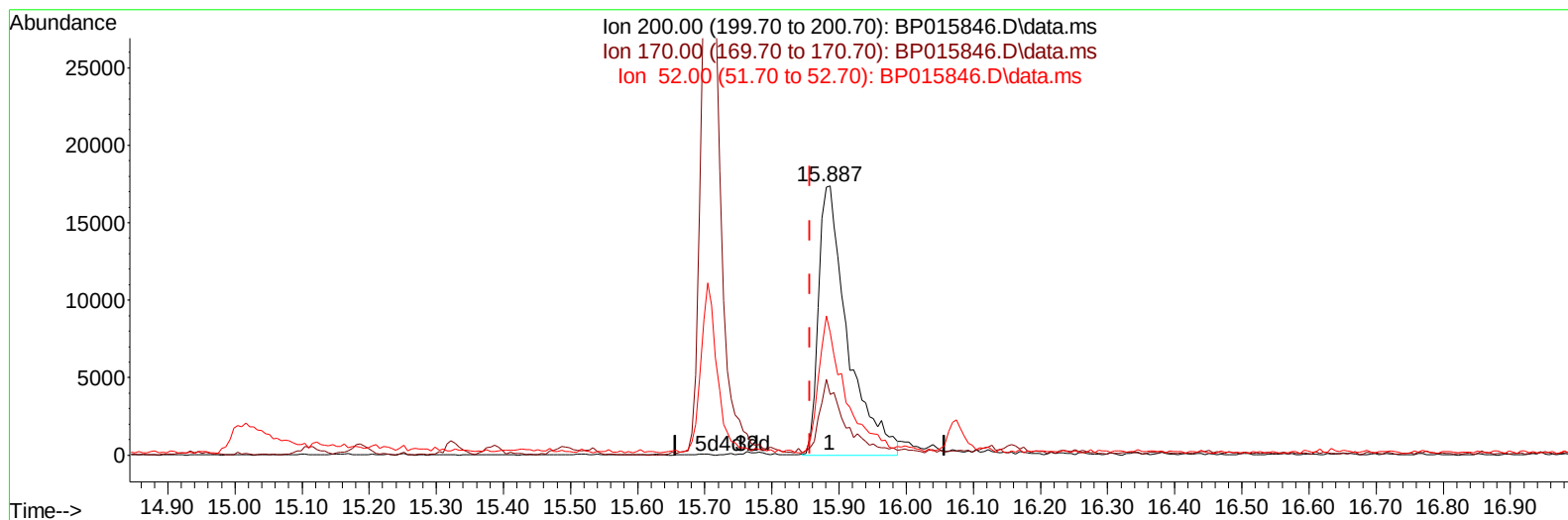
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
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 ALS Vial : 13 Sample Multiplier: 1

Instrument :
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TIC: BP015846.D\data.ms

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

15.887min (+ 0.029) 6.23 ng/ul m

response 52034

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	24.30	22.48
52.00	52.20	45.55
0.00	0.00	0.00

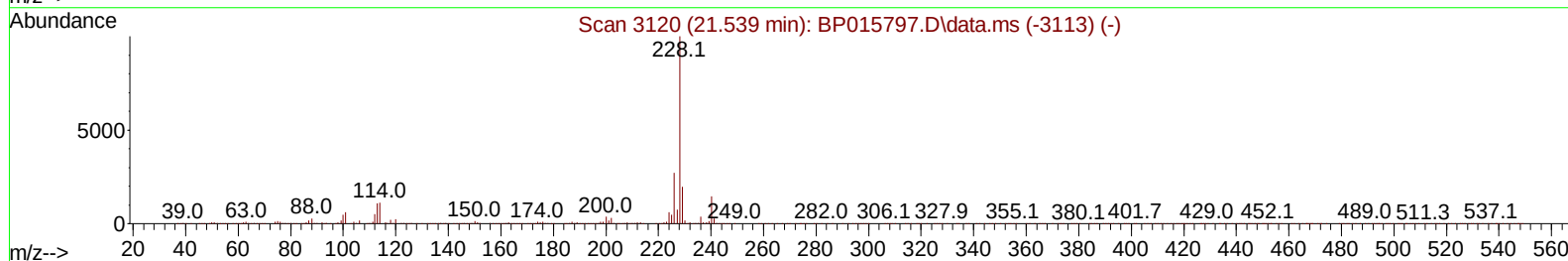
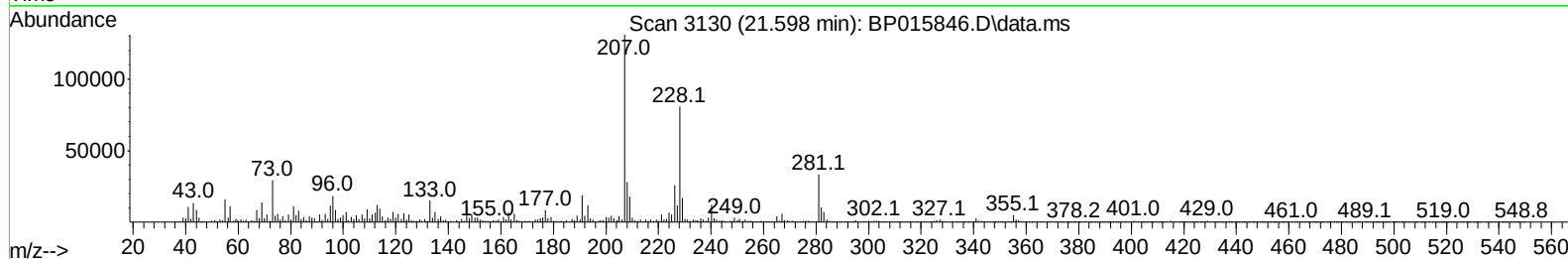
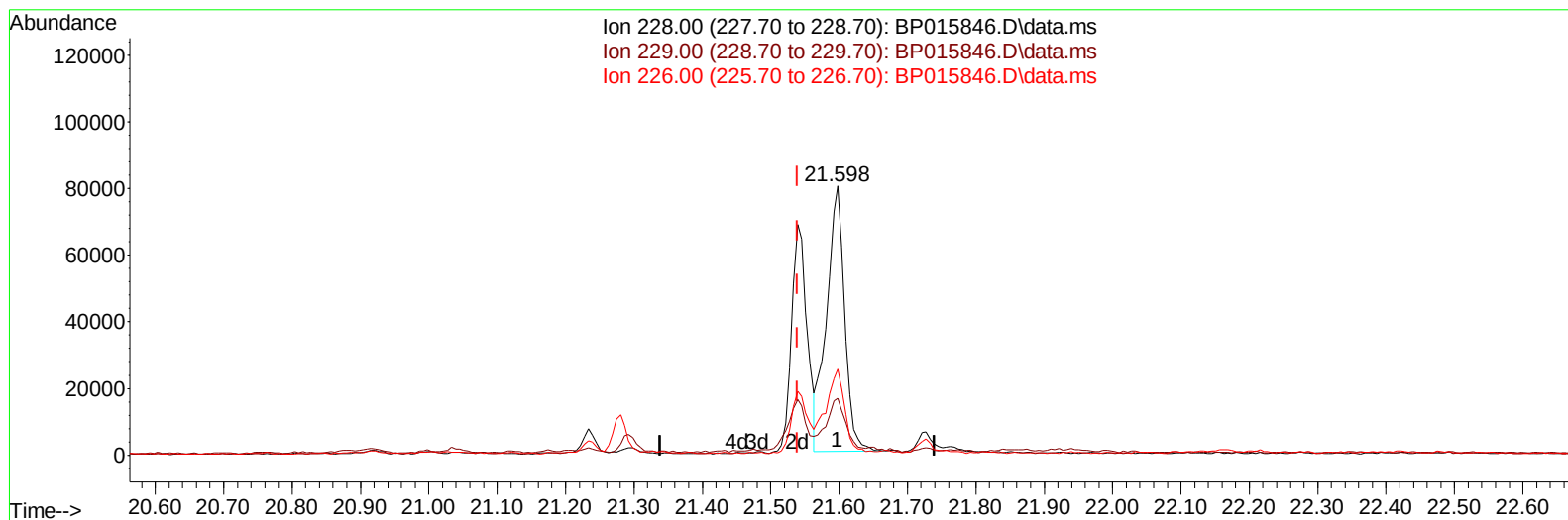
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 Sample : 03161-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:32:55 2023
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Reviewed By :Yogesh Patel 07/01/2023
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TIC: BP015846.D\data.ms

(85) Benzo(a)anthracene

21.598min (+ 0.059) 2.08 ng/ul

response 147184

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.10	21.09
226.00	26.70	31.99
0.00	0.00	0.00

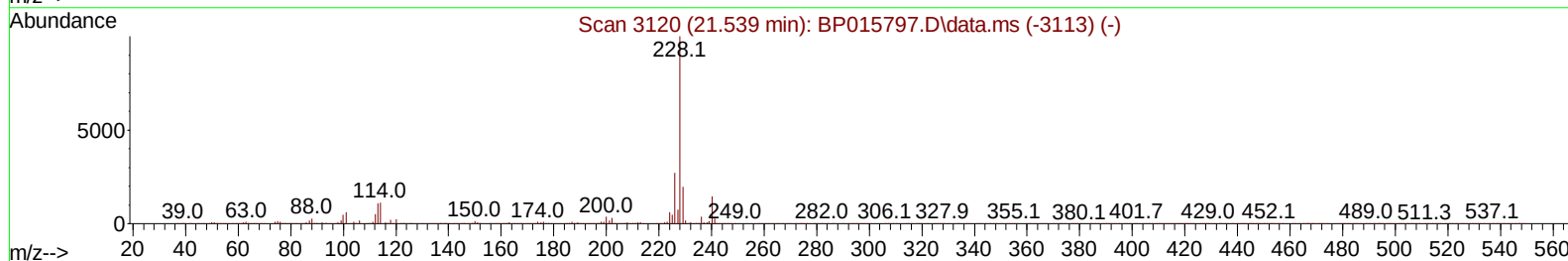
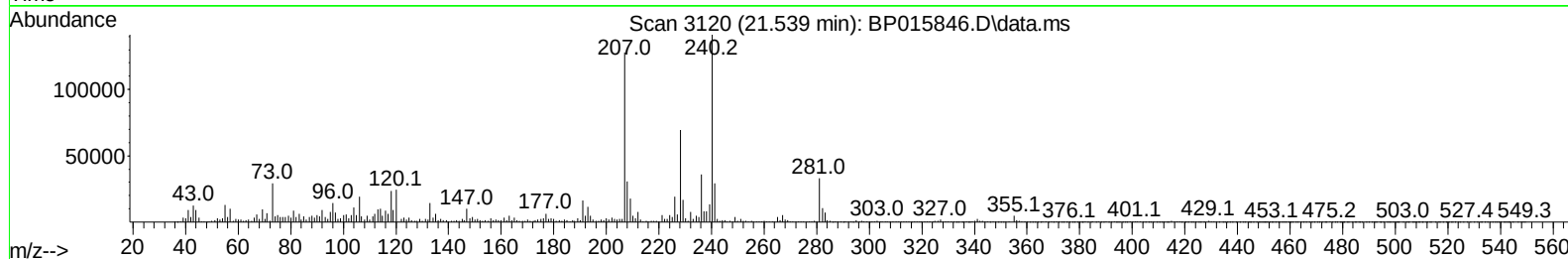
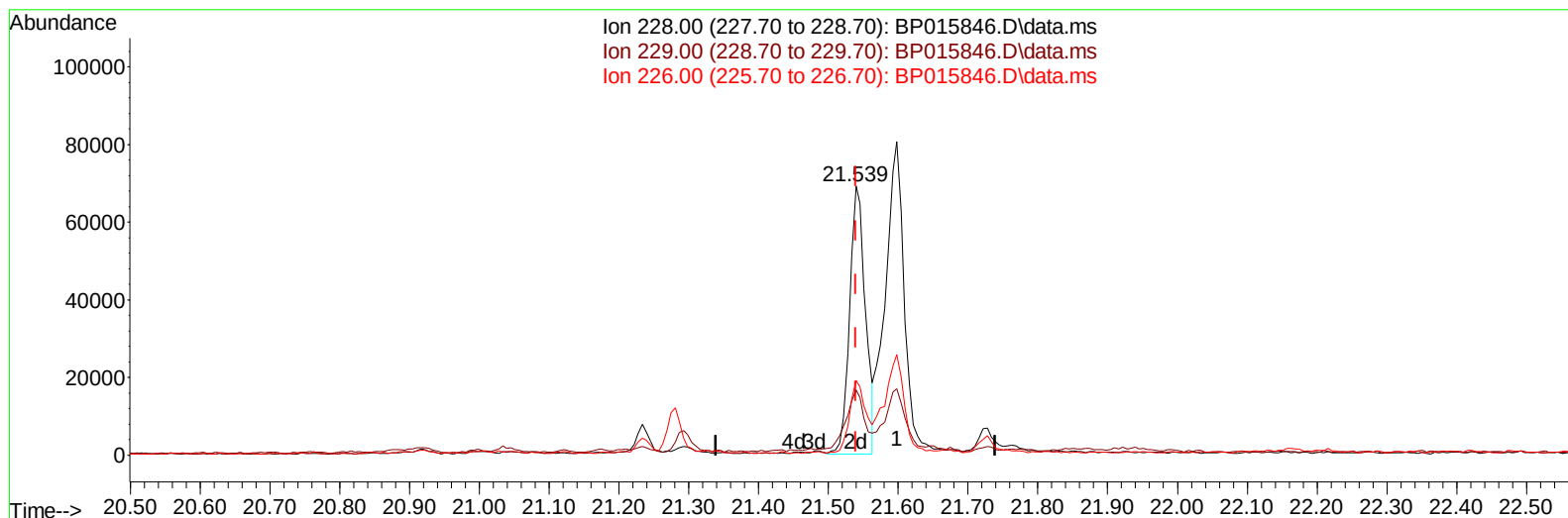
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 Operator : MA/JU
 Sample : 03161-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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TIC: BP015846.D\data.ms

(85) Benzo(a)anthracene

21.539min (+ 0.000) 1.56 ng/ul m

response 110147

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.10	24.07#
226.00	26.70	27.69
0.00	0.00	0.00

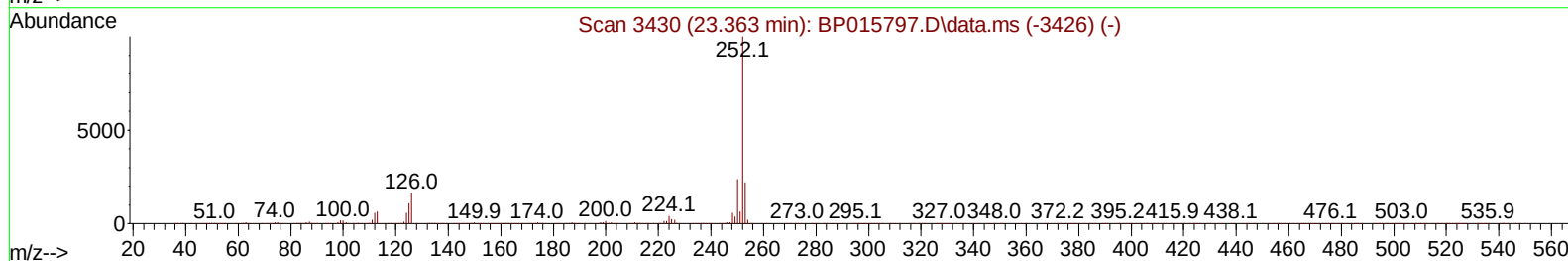
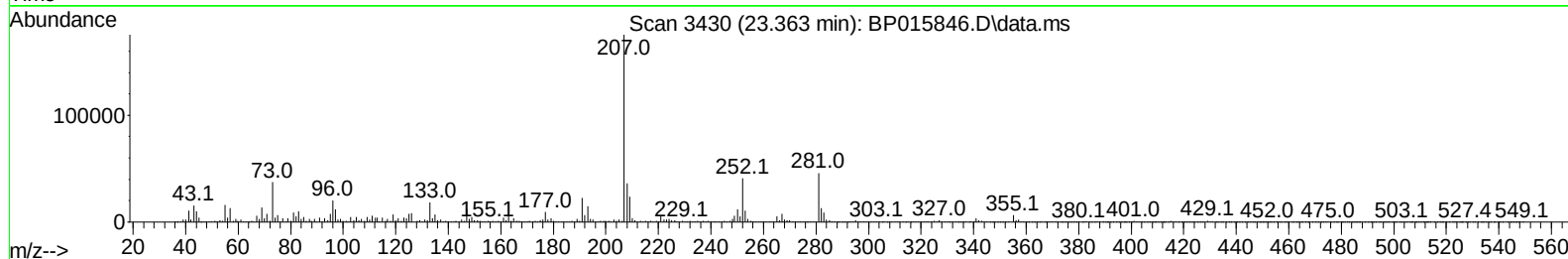
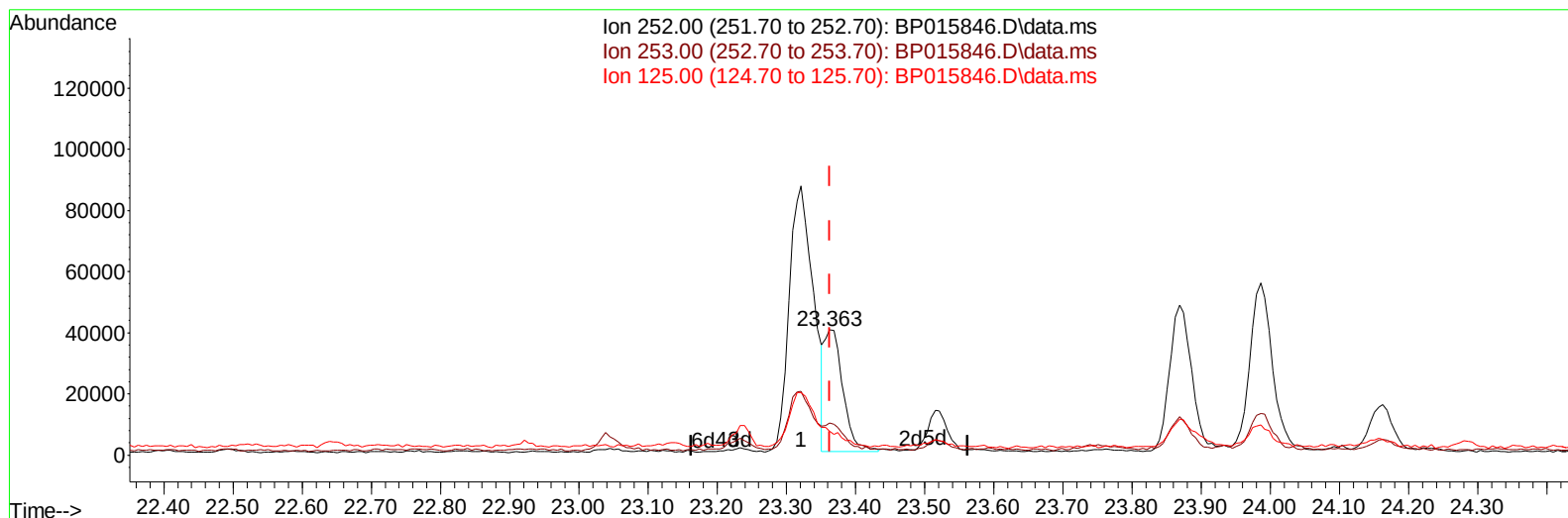
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TIC: BP015846.D\data.ms

(91) Benzo(k)fluoranthene

23.363min (+ 0.000) 1.15 ng/ul m

response 72867

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.20	25.61#
125.00	9.10	18.97#
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/01/2023
 Supervised By :mohammad ahmed 07/01/2023

Quant Time: Jun 30 23:33:50 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	239555	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	1044148	20.000	ng/ul	# 0.01
38) Acenaphthene-d10	14.704	164	632234	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	1358690	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.557	240	1004018	20.000	ng/ul	0.00
88) Perylene-d12	24.098	264	977850	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	15936	2.393	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.246	99	273334	13.336	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.381	67	183538	14.474	ng/ul	0.00
11) 2-Chlorophenol-d4	7.593	132	231177	14.941	ng/ul	0.01
15) 4-Methylphenol-d8	8.805	113	196132	12.113	ng/ul	0.02
21) Nitrobenzene-d5	9.252	128	107669	13.493	ng/ul	0.01
24) 2-Nitrophenol-d4	9.981	143	113049	12.138	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.563	165	200808	12.099	ng/ul	0.05
31) 4-Chloroaniline-d4	11.081	131	141927	6.657	ng/ul	0.05
46) Dimethylphthalate-d6	14.116	166	693723	14.196	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	809502	14.736	ng/ul	0.00
54) 4-Nitrophenol-d4	15.010	143	67881m	10.526	ng/ul	0.06
60) Fluorene-d10	15.704	176	608006	15.111	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.887	200	52034m	6.227	ng/ul	0.03
73) Anthracene-d10	17.569	188	904668	14.577	ng/ul	0.00
81) Pyrene-d10	19.792	212	1079768	16.470	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.933	264	756670	15.340	ng/ul	0.00
Target Compounds						
					Qvalue	
80) Fluoranthene	19.469	202	171172	2.101	ng/ul#	91
82) Pyrene	19.822	202	154076	1.854	ng/ul#	90
85) Benzo(a)anthracene	21.539	228	110147m	1.560	ng/ul	
87) Chrysene	21.598	228	146498	2.186	ng/ul	97
90) Benzo(b)fluoranthene	23.321	252	211194	3.361	ng/ul#	85
91) Benzo(k)fluoranthene	23.363	252	72867m	1.148	ng/ul	
93) Benzo(a)pyrene	23.986	252	124663	2.271	ng/ul#	91
94) Indeno(1,2,3-cd)pyrene	26.804	276	105607	1.417	ng/ul#	94
96) Benzo(g,h,i)perylene	27.645	276	86210	1.406	ng/ul#	79

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

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