

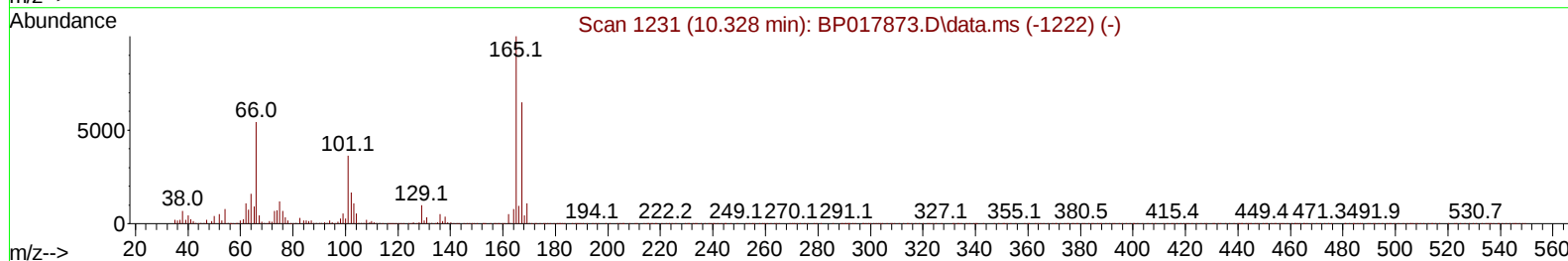
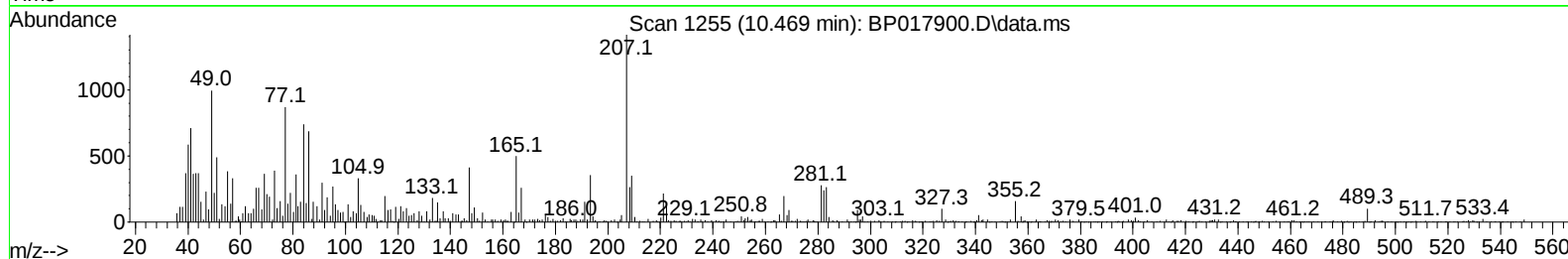
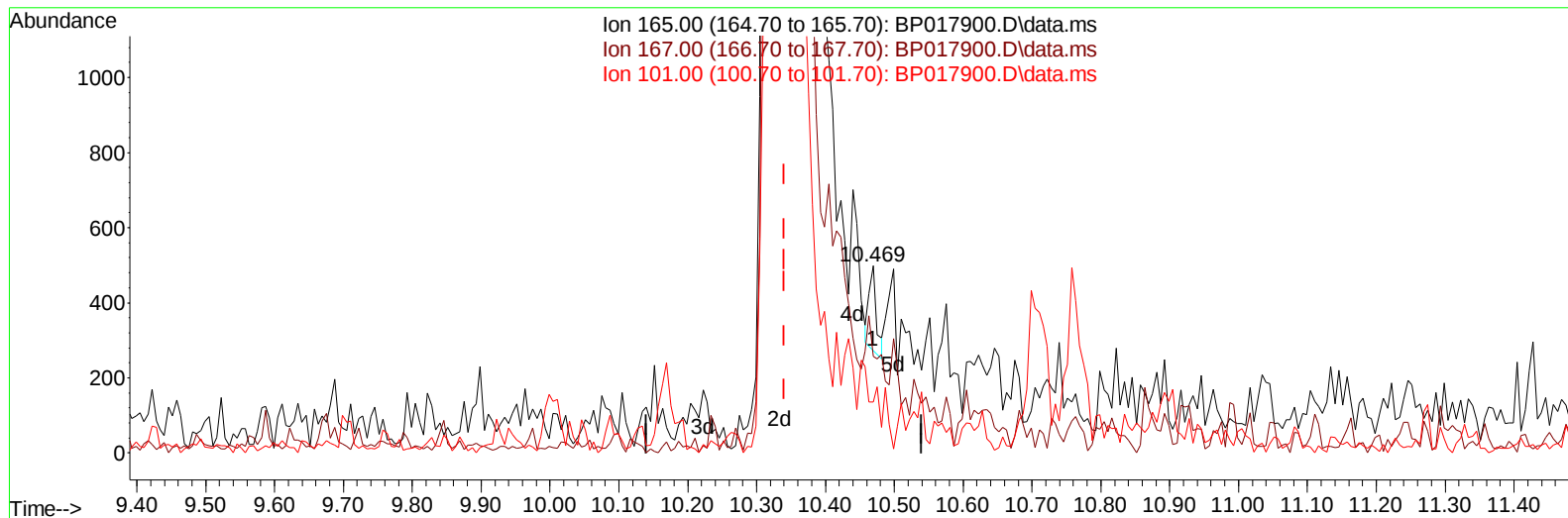
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
 Data File : BP017900.D
 Acq On : 02 Nov 2023 22:51
 Operator : MA/JU
 Sample : 05060-09
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCKG7

Manual IntegrationsAPPROVED

Quant Time: Nov 02 23:41:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 19 01:32:15 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/03/2023
 Supervised By :mohammad ahmed 11/04/2023



TIC: BP017900.D\data.ms

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

10.469min (+ 0.129) 0.02 ng/u1

response 160

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	62.80	51.61
101.00	29.80	27.31
0.00	0.00	0.00

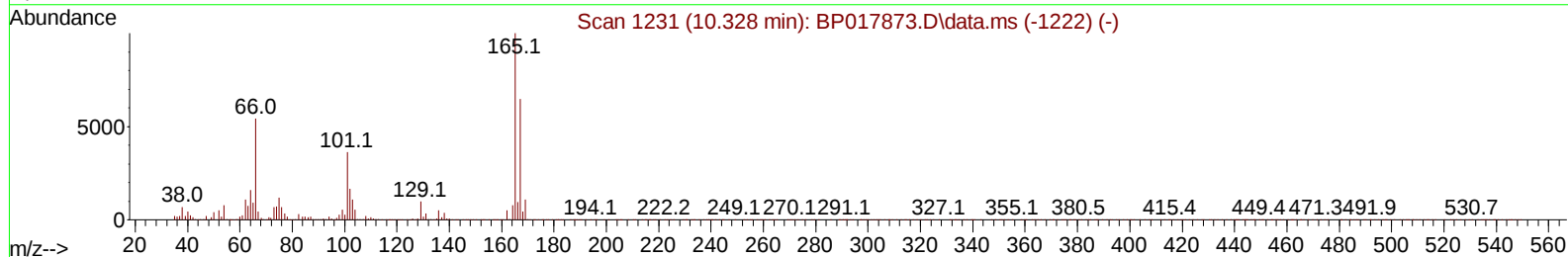
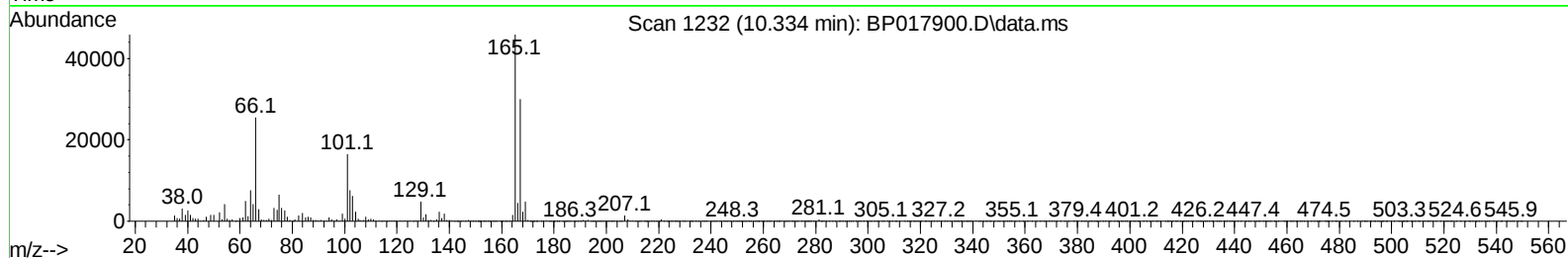
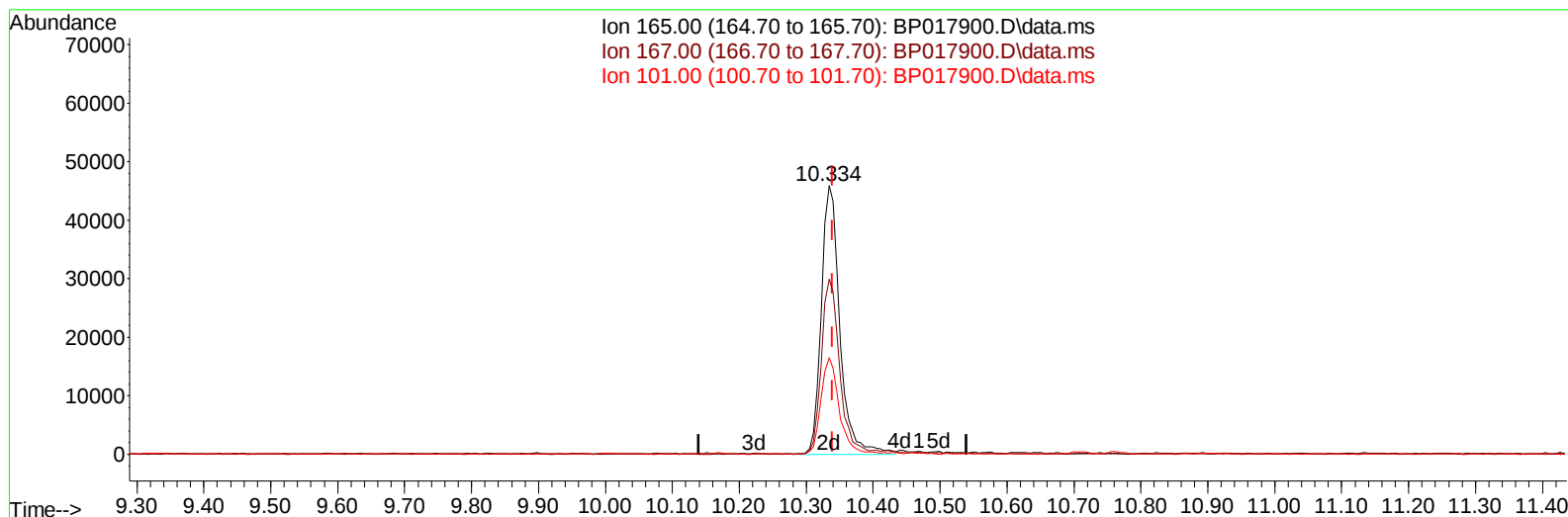
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
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 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 11/04/2023



TIC: BP017900.D\data.ms

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

10.334min (-0.006) 9.28 ng/ul m

response 88289

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	62.80	65.30
101.00	29.80	35.90#
0.00	0.00	0.00

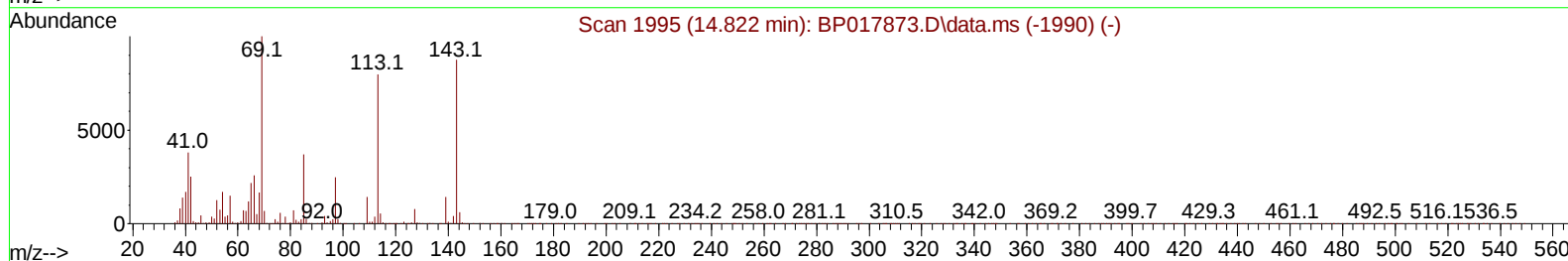
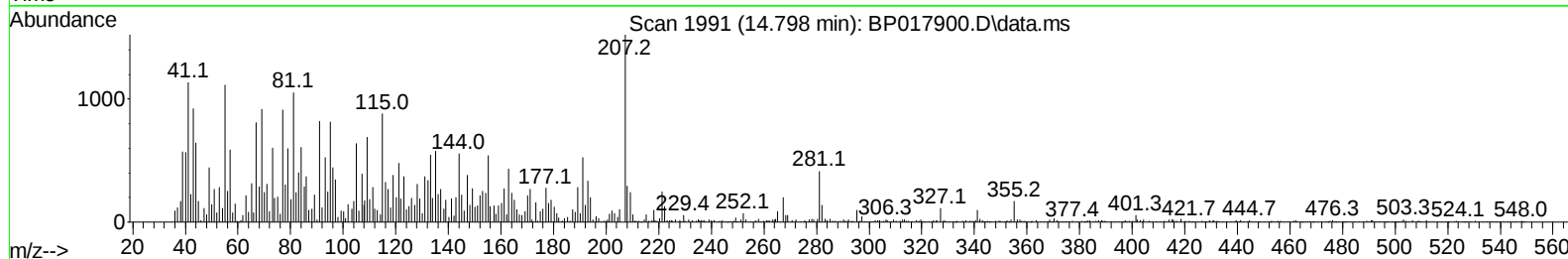
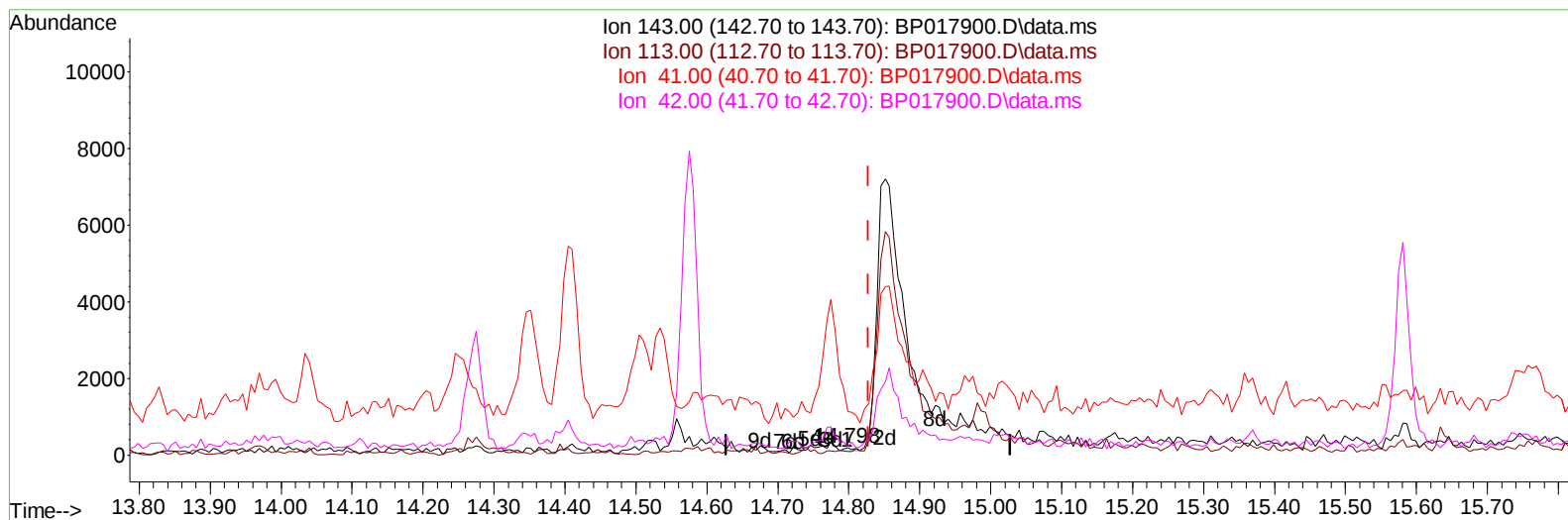
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
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Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
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TIC: BP017900.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.798min (-0.029) 0.03 ng/u1

response 98

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	81.70	48.50#
41.00	39.20	569.50#
42.00	25.60	114.50#

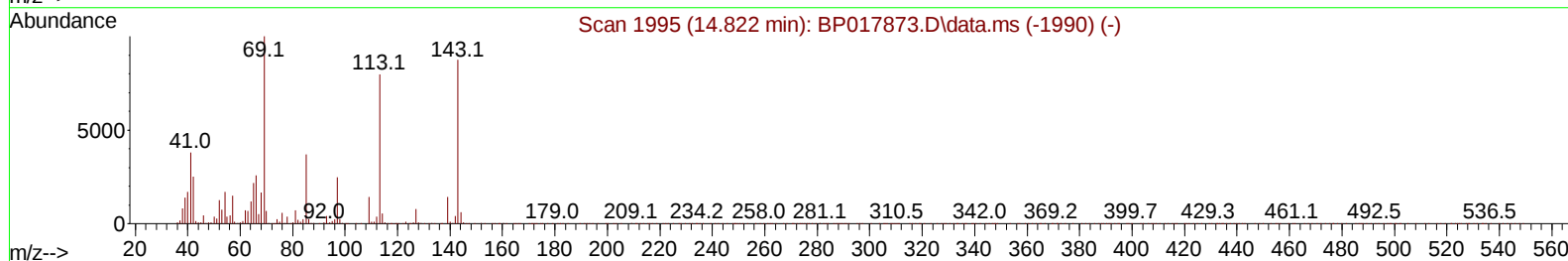
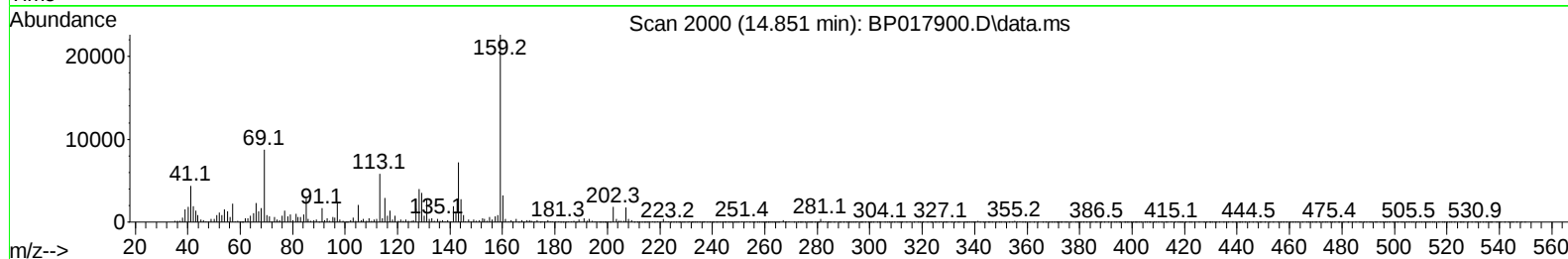
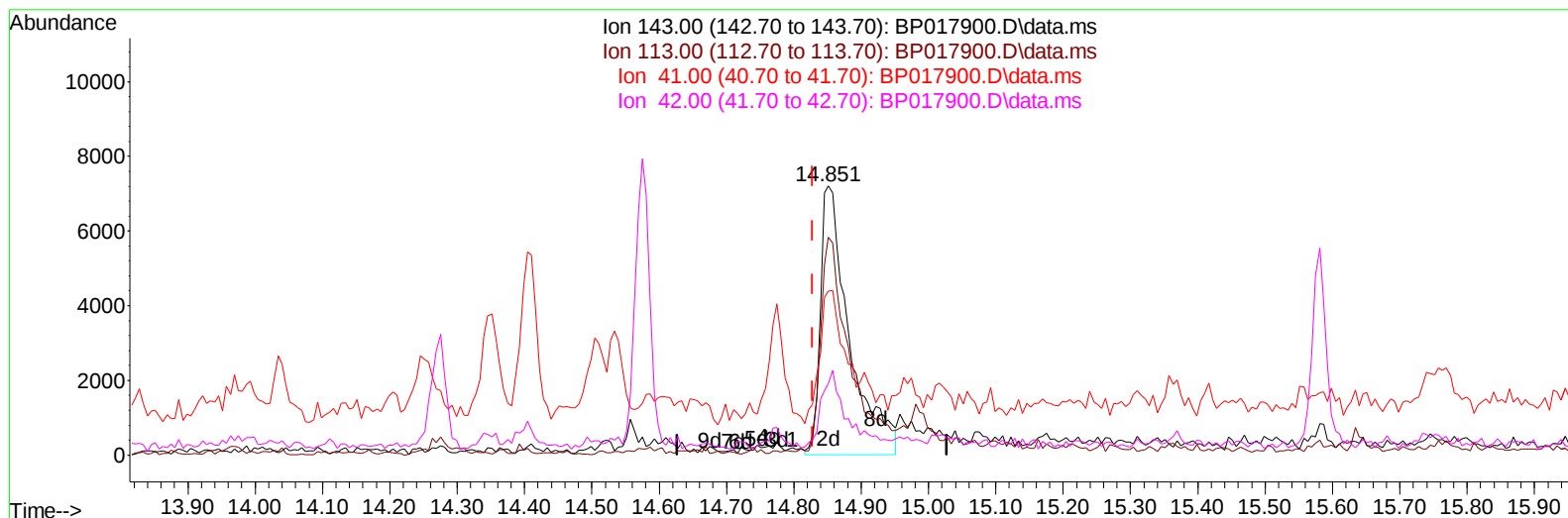
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
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 Acq On : 02 Nov 2023 22:51
 Operator : MA/JU
 Sample : 05060-09
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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TIC: BP017900.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.851min (+ 0.024) 5.94 ng/ul m

response 21585

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	81.70	81.04
41.00	39.20	61.00#
42.00	25.60	26.54

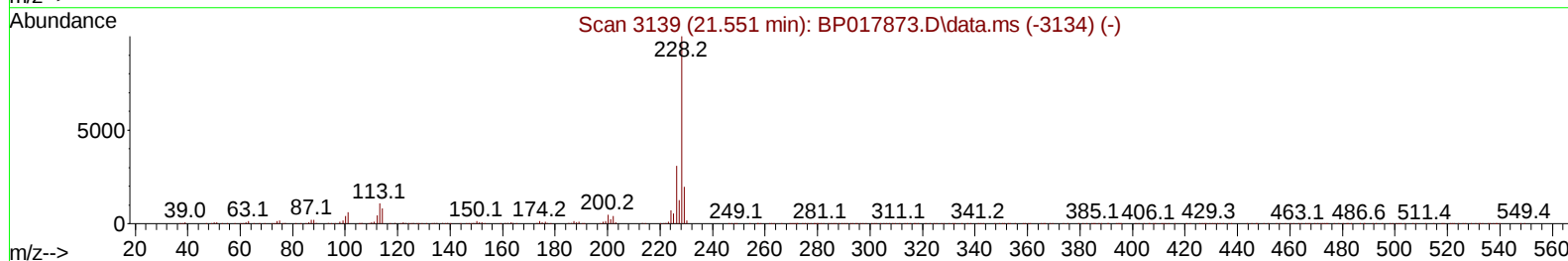
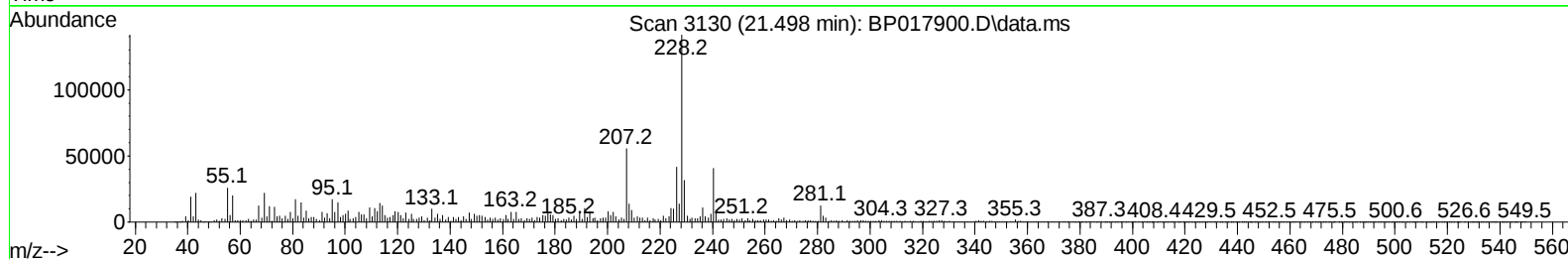
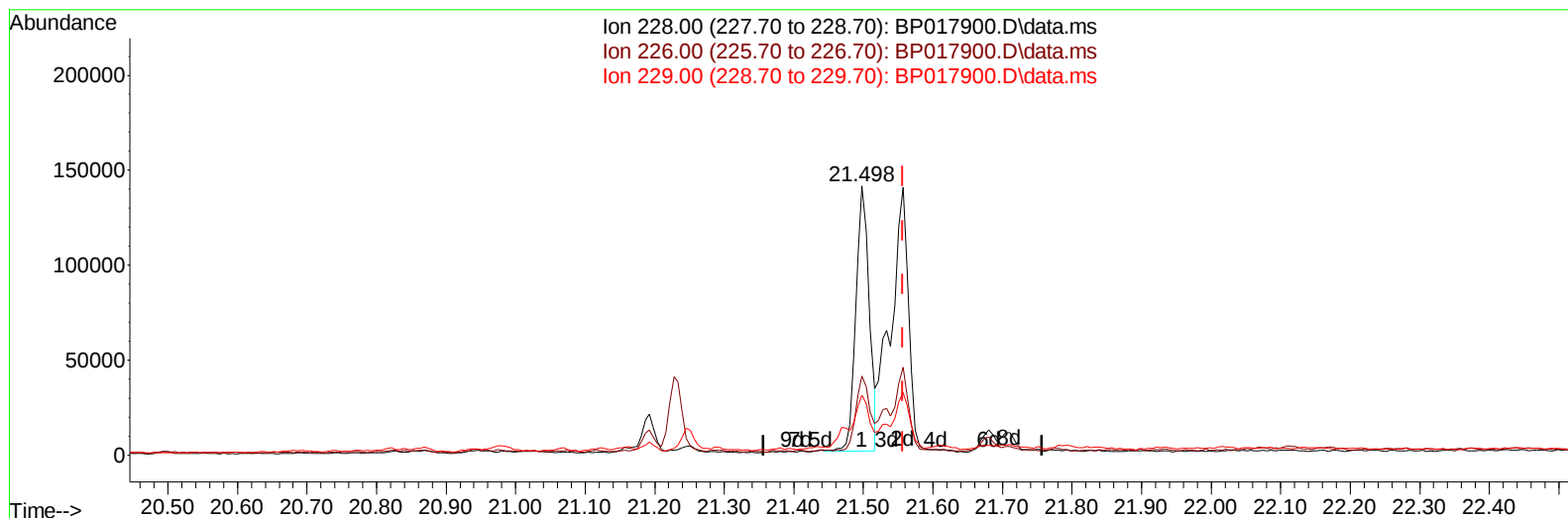
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Instrument :
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TIC: BP017900.D\data.ms

(87) Chrysene

21.498min (-0.059) 5.38 ng/u1

response 186433

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	29.42
229.00	19.40	22.41
0.00	0.00	0.00

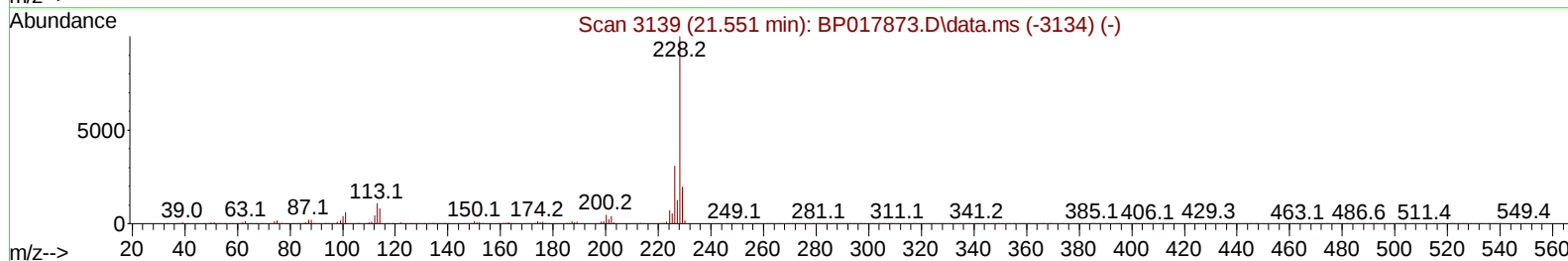
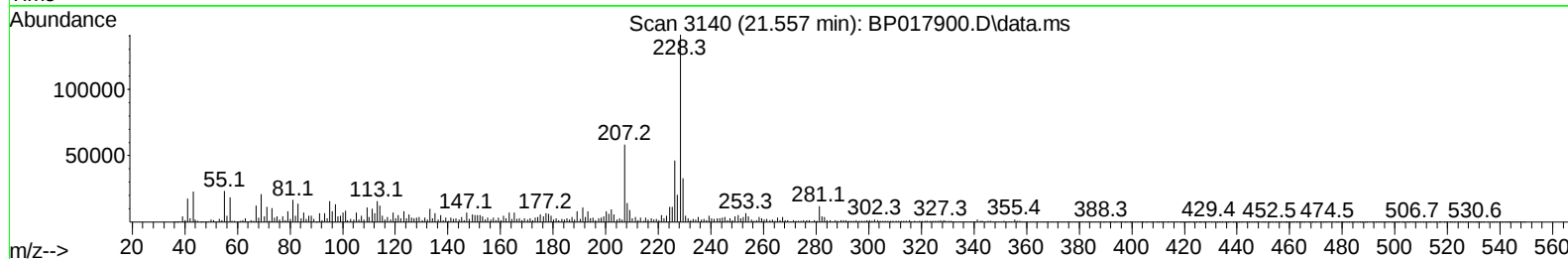
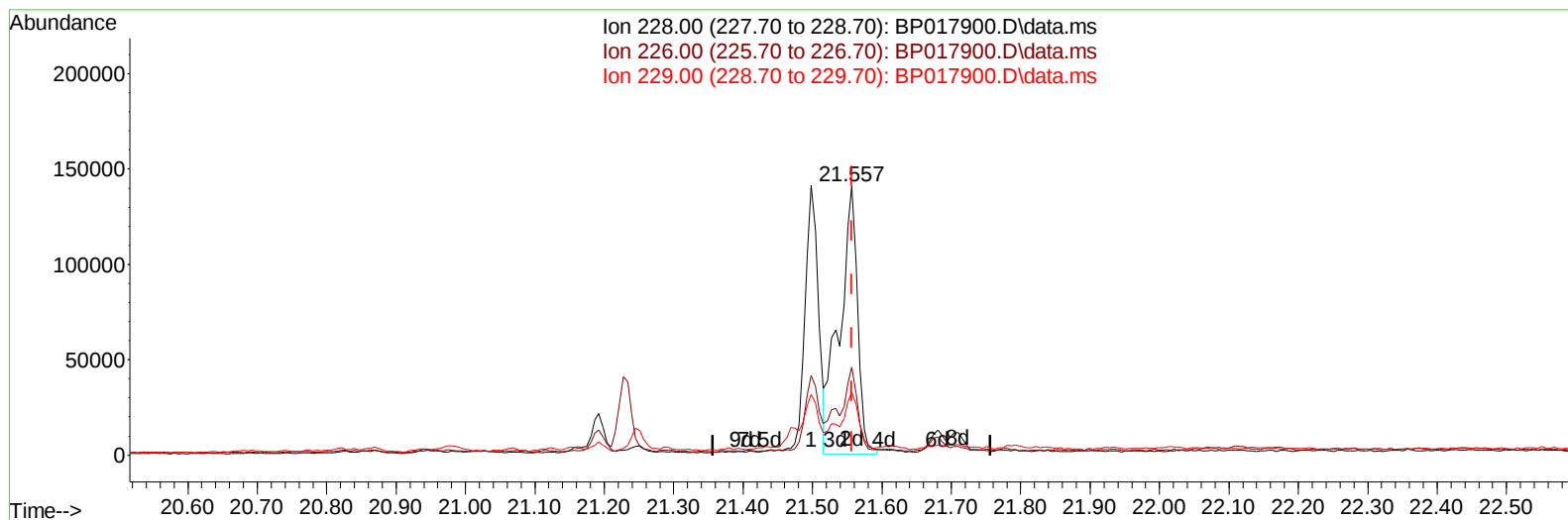
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
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 Acq On : 02 Nov 2023 22:51
 Operator : MA/JU
 Sample : 05060-09
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
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Reviewed By :Yogesh Patel 11/03/2023
 Supervised By :mohammad ahmed 11/04/2023



TIC: BP017900.D\data.ms

(87) Chrysene

21.557min (+ 0.000) 7.37 ng/ul m

response 255311

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	32.79
229.00	19.40	23.29#
0.00	0.00	0.00

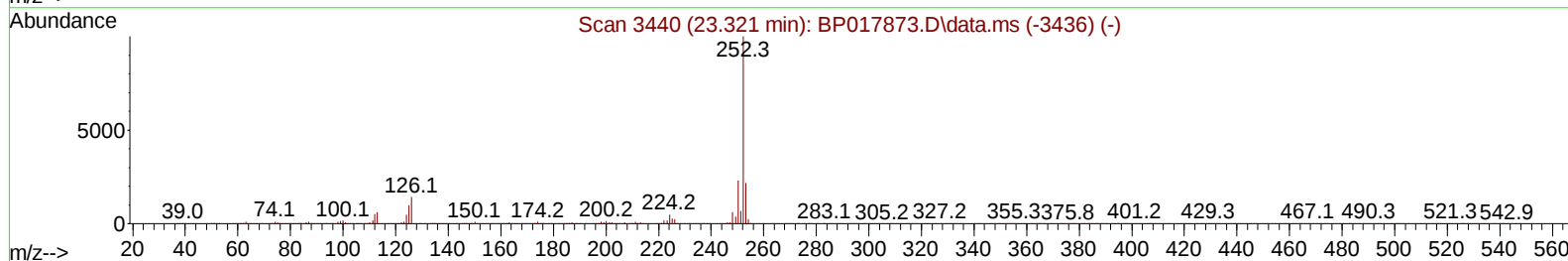
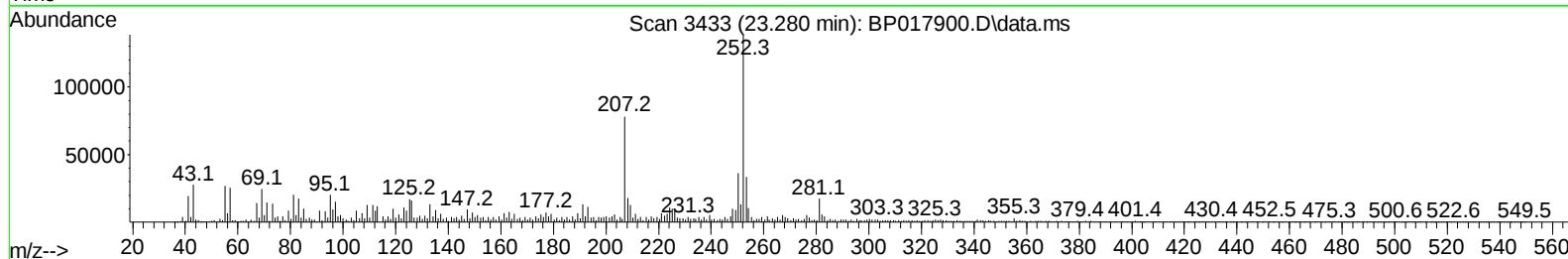
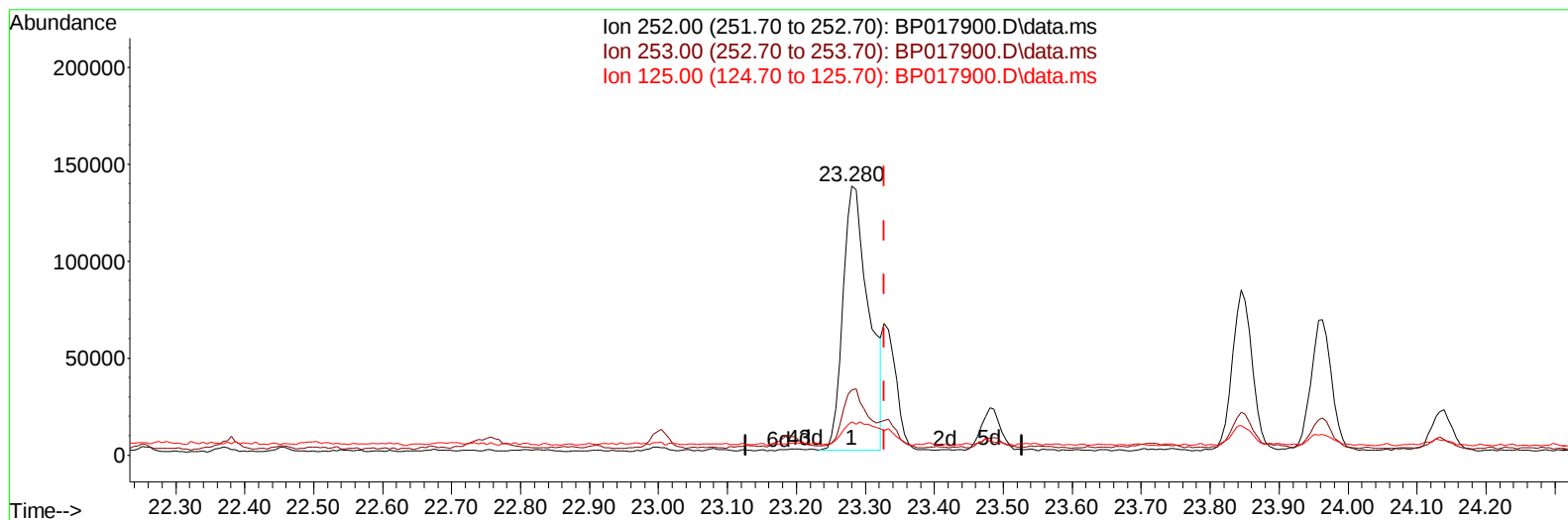
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
 Data File : BP017900.D
 Acq On : 02 Nov 2023 22:51
 Operator : MA/JU
 Sample : 05060-09
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
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Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 11/03/2023
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TIC: BP017900.D\data.ms

(91) Benzo(k)fluoranthene

23.280min (-0.047) 9.87 ng/u1

response 354266

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	24.12
125.00	8.80	12.30#
0.00	0.00	0.00

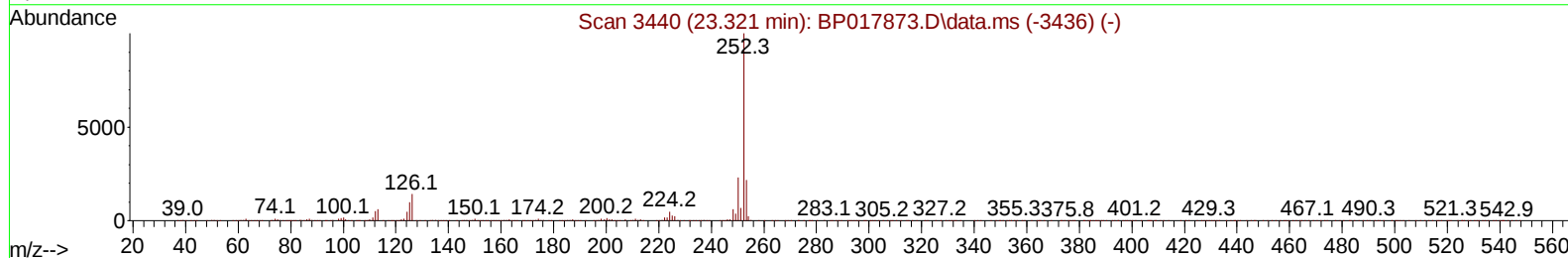
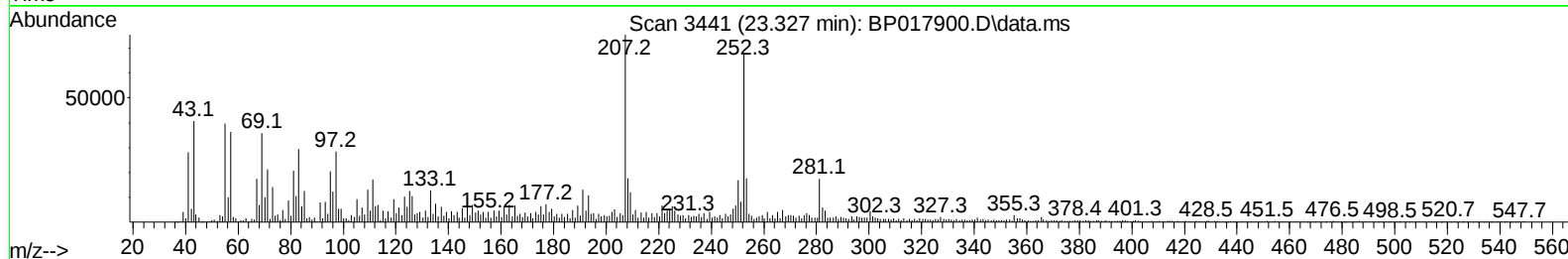
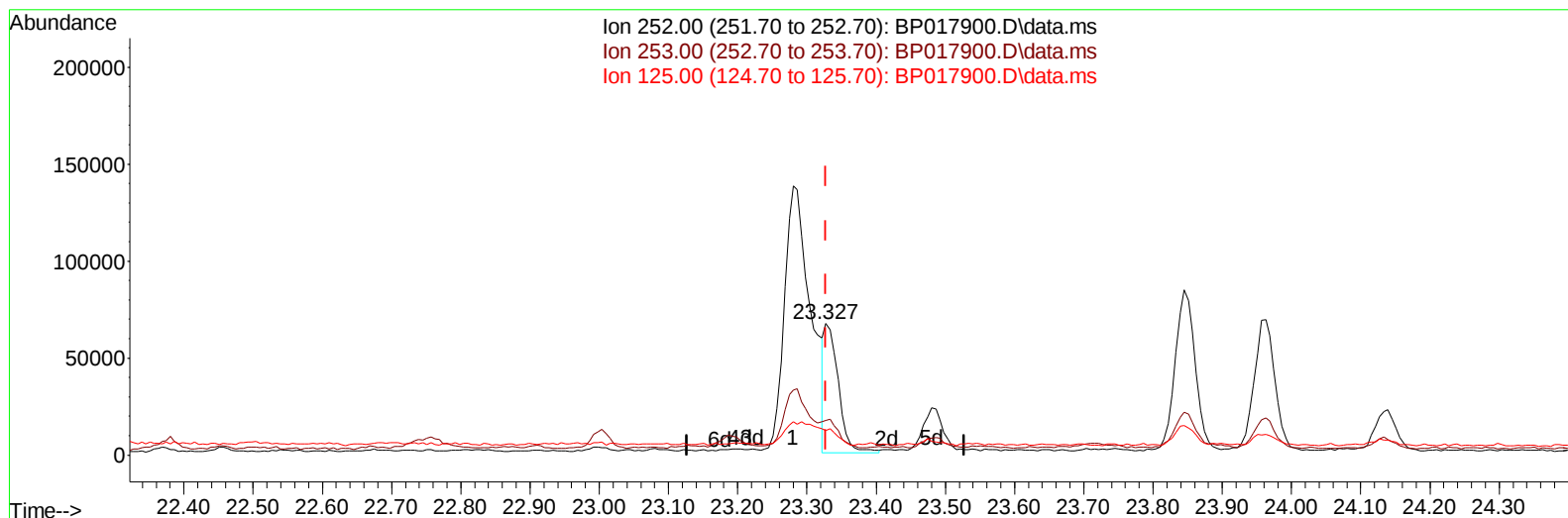
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
 Data File : BP017900.D
 Acq On : 02 Nov 2023 22:51
 Operator : MA/JU
 Sample : 05060-09
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Nov 02 23:41:27 2023
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TIC: BP017900.D\data.ms

(91) Benzo(k)fluoranthene

23.327min (+ 0.000) 2.61 ng/ul m

response 93503

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	26.08
125.00	8.80	18.47#
0.00	0.00	0.00

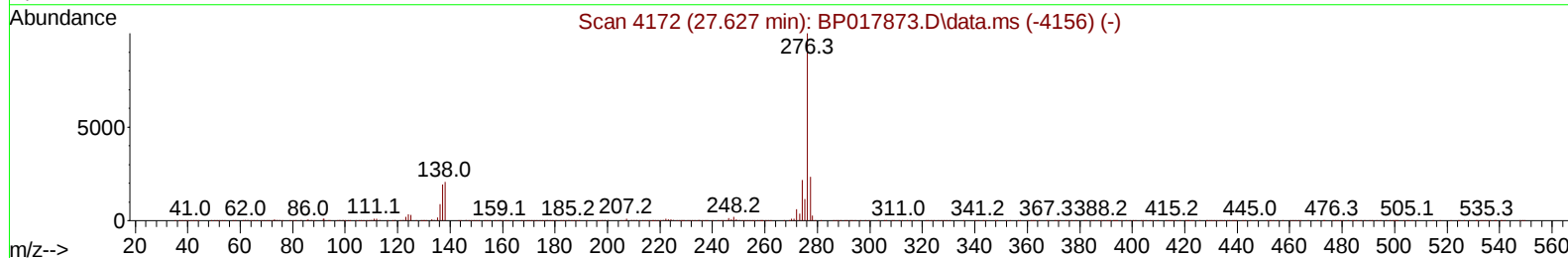
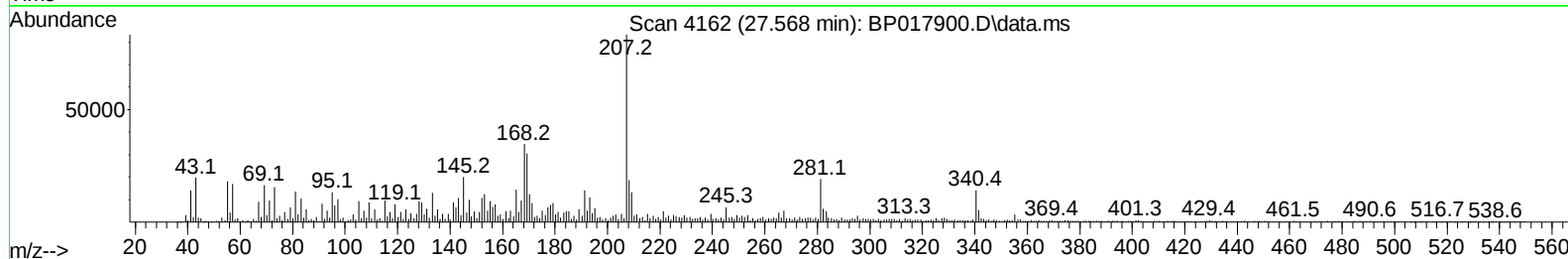
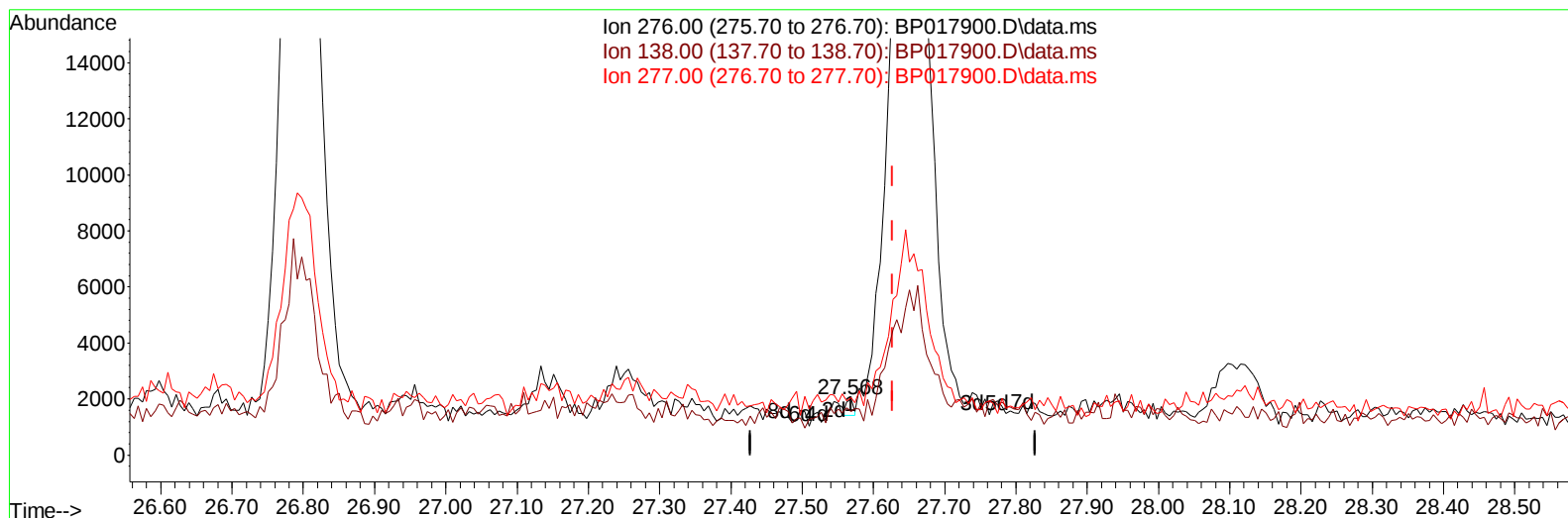
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 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

Quant Time: Nov 03 01:02:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
 Quant Title : SVOA CALIBRATION
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TIC: BP017900.D\data.ms

(96) Benzo(g,h,i)perylene

27.568min (-0.059) 0.01 ng/u1

response 430

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.80	77.80#
277.00	23.10	102.05#
0.00	0.00	0.00

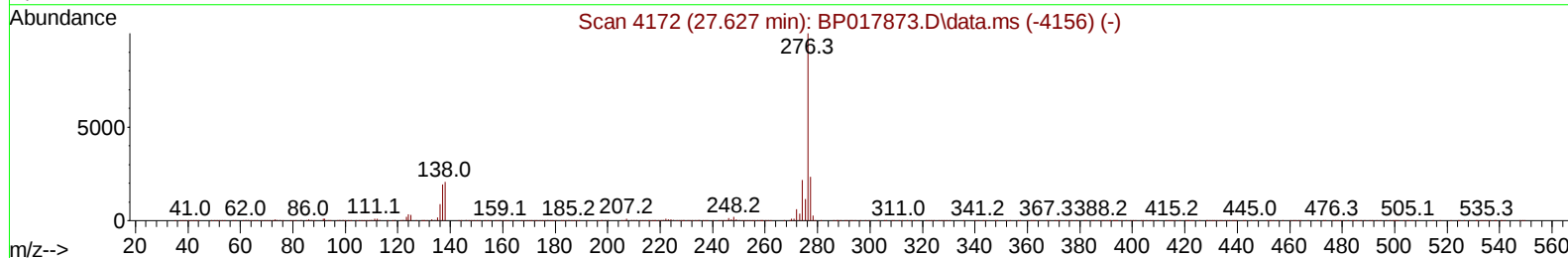
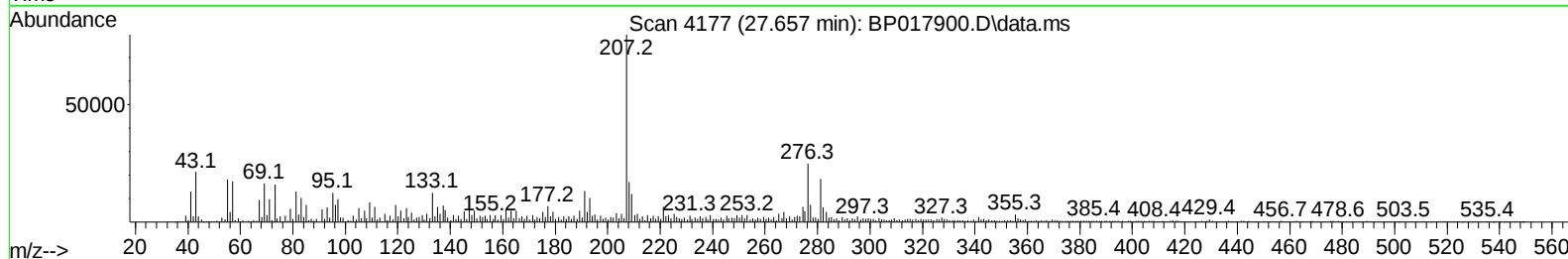
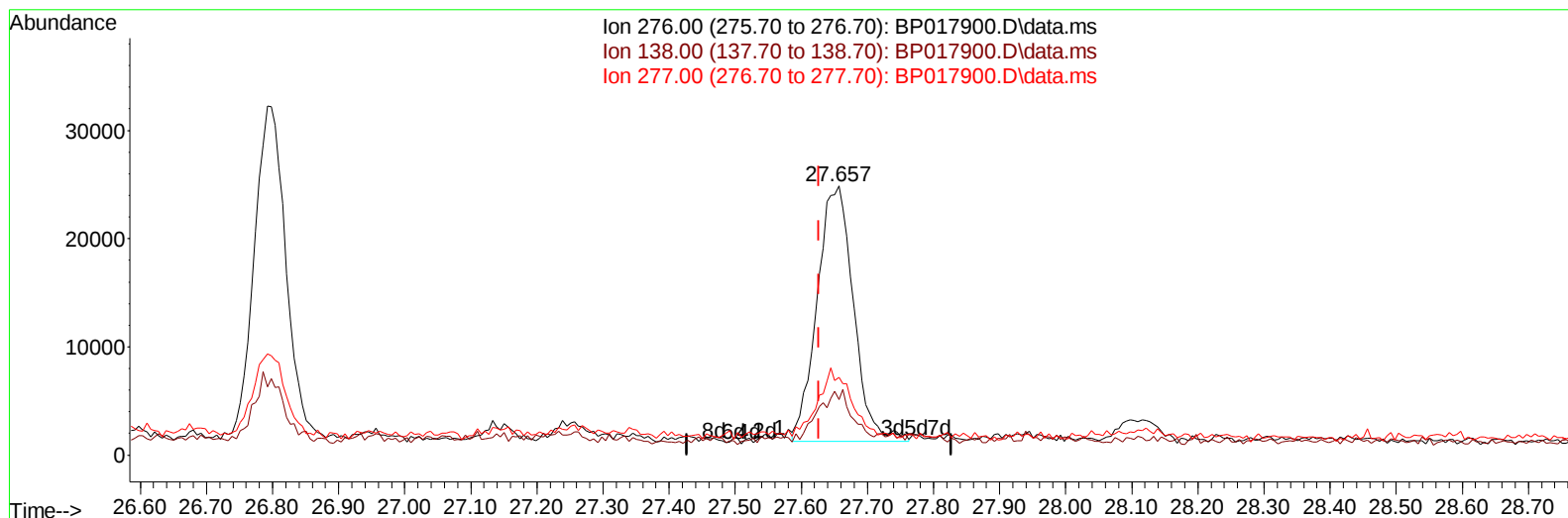
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Misc :
ALS Vial : 55 Sample Multiplier: 1

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Manual IntegrationsAPPROVED

Quant Time: Nov 03 01:02:35 2023
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TIC: BP017900.D\data.ms

(96) Benzo(g,h,i)perylene

27.657min (+ 0.029) 2.83 ng/u1 m

response 90234

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.80	20.72
277.00	23.10	28.90#
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	145753	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.710	136	541739	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.575	164	303883	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.369	188	605337	20.000	ng/ul	0.00
79) Chrysene-d12	21.516	240	482105	20.000	ng/ul	0.00
88) Perylene-d12	24.080	264	520120	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	5651	1.442	ng/uL	0.01
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.046	99	110675	9.125	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	72695	9.705	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.399	132	95609	9.665	ng/ul	-0.01
15) 4-Methylphenol-d8	8.605	113	75031	7.878	ng/ul	0.00
21) Nitrobenzene-d5	9.087	128	45346	10.330	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.805	143	48870	10.076	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.334	165	88289m	9.280	ng/ul	0.00
31) 4-Chloroaniline-d4	10.893	131	39506	3.173	ng/ul	0.00
46) Dimethylphthalate-d6	13.993	166	275128	10.785	ng/ul	-0.01
49) Acenaphthylene-d8	14.275	160	303147	10.656	ng/ul	0.00
54) 4-Nitrophenol-d4	14.851	143	21585m	5.938	ng/ul	0.02
60) Fluorene-d10	15.581	176	234254	10.623	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.740	200	10986	2.755	ng/ul	0.00
73) Anthracene-d10	17.469	188	341955	11.054	ng/ul	0.00
81) Pyrene-d10	19.733	212	370661	12.263	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.910	264	318266	10.986	ng/ul	0.01
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.304	152	32892	1.032	ng/ul	96
72) Phenanthrene	17.410	178	125551	3.541	ng/ul	98
74) Anthracene	17.504	178	185792	5.173	ng/ul	97
80) Fluoranthene	19.398	202	353025	10.166	ng/ul	100
82) Pyrene	19.757	202	384314	10.446	ng/ul	100
85) Benzo(a)anthracene	21.498	228	188650	5.147	ng/ul	94
87) Chrysene	21.557	228	255311m	7.366	ng/ul	
90) Benzo(b)fluoranthene	23.280	252	354266	10.008	ng/ul#	94
91) Benzo(k)fluoranthene	23.327	252	93503m	2.606	ng/ul	
93) Benzo(a)pyrene	23.963	252	141634	4.262	ng/ul#	87
94) Indeno(1,2,3-cd)pyrene	26.792	276	101086	2.552	ng/ul	95
96) Benzo(g,h,i)perylene	27.657	276	90234m	2.828	ng/ul	

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

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/04/2023

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