

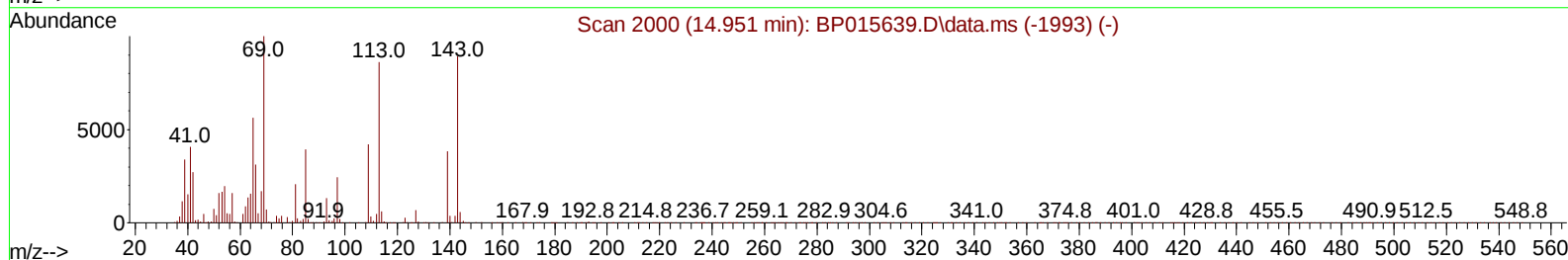
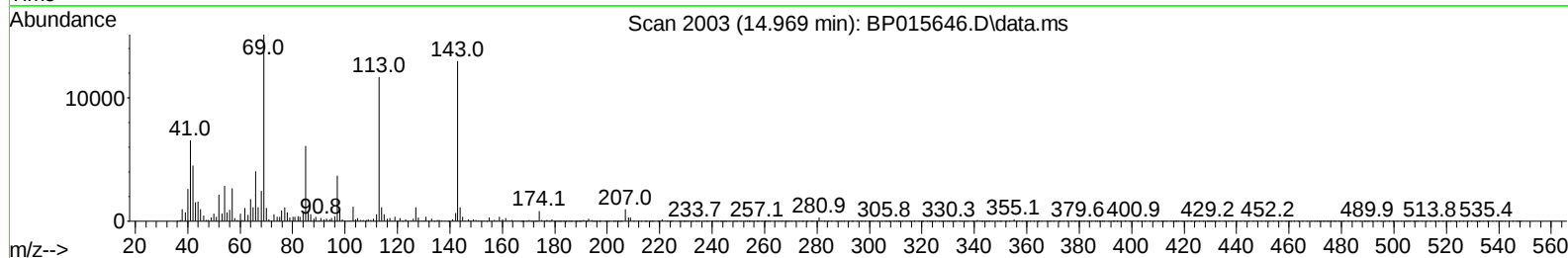
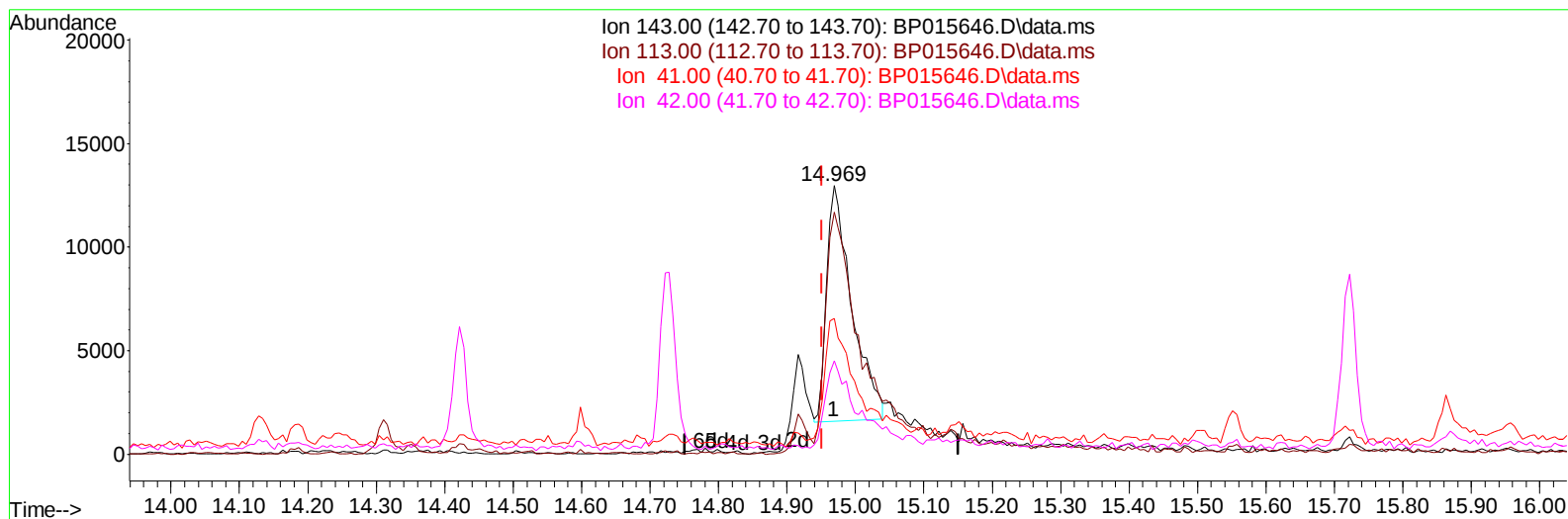
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062223\
 Data File : BP015646.D
 Acq On : 22 Jun 2023 14:32
 Operator : MA/JU
 Sample : 03083-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFK6

Manual IntegrationsAPPROVED

Quant Time: Jun 22 22:05:15 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: BP015646.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.969min (+ 0.018) 5.76 ng/u1

response 29215

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	86.60	90.07
41.00	42.20	50.68#
42.00	29.40	34.88

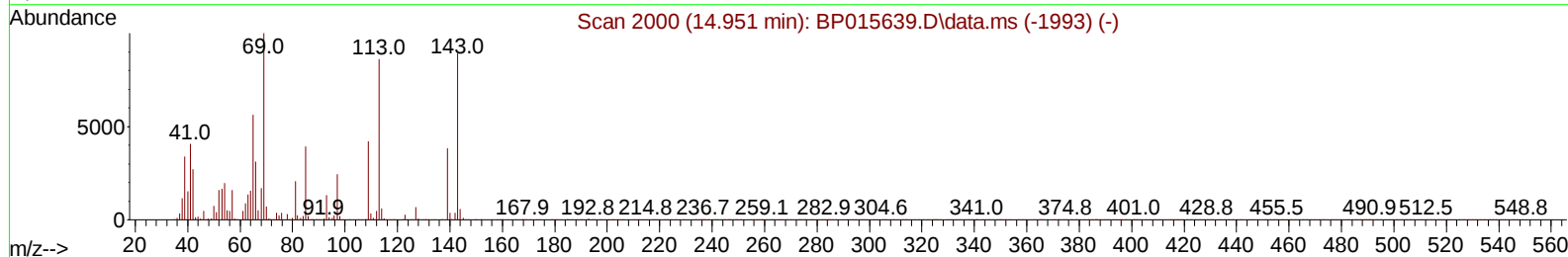
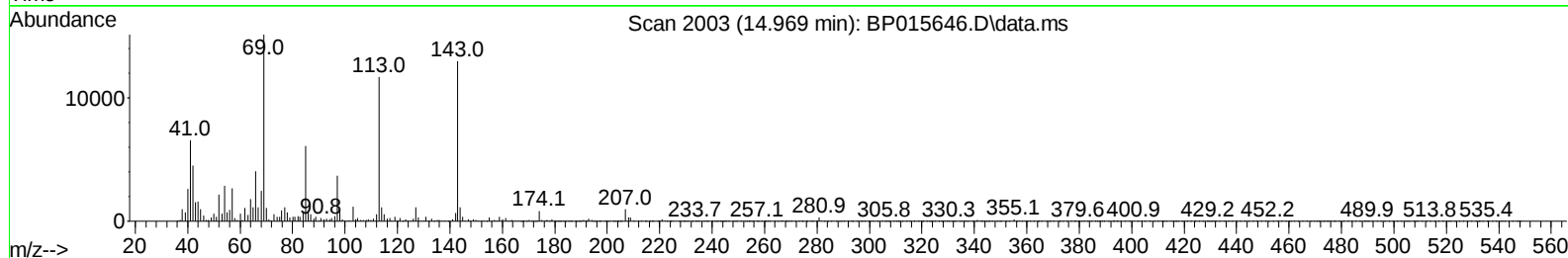
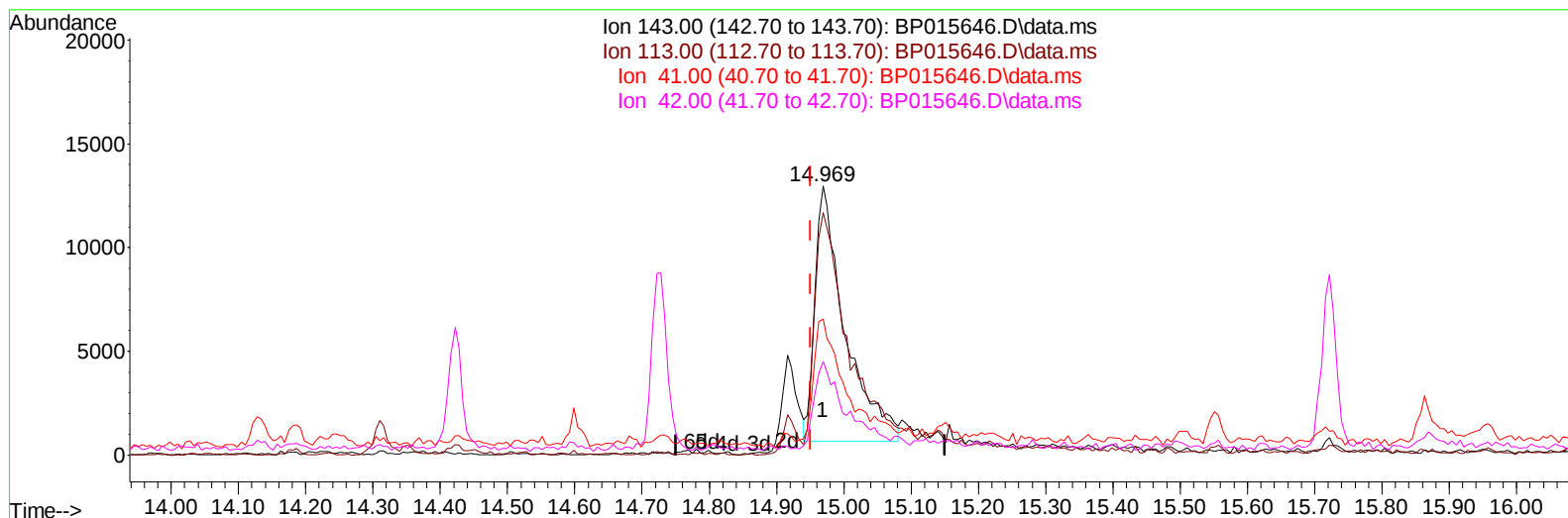
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062223\
Data File : BP015646.D
Acq On : 22 Jun 2023 14:32
Operator : MA/JU
Sample : 03083-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFK6

Manual IntegrationsAPPROVED

Quant Time: Jun 22 22:40:33 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: BP015646.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.969min (+ 0.018) 7.54 ng/ul m

response 38259

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	86.60	90.07
41.00	42.20	50.68#
42.00	29.40	34.88

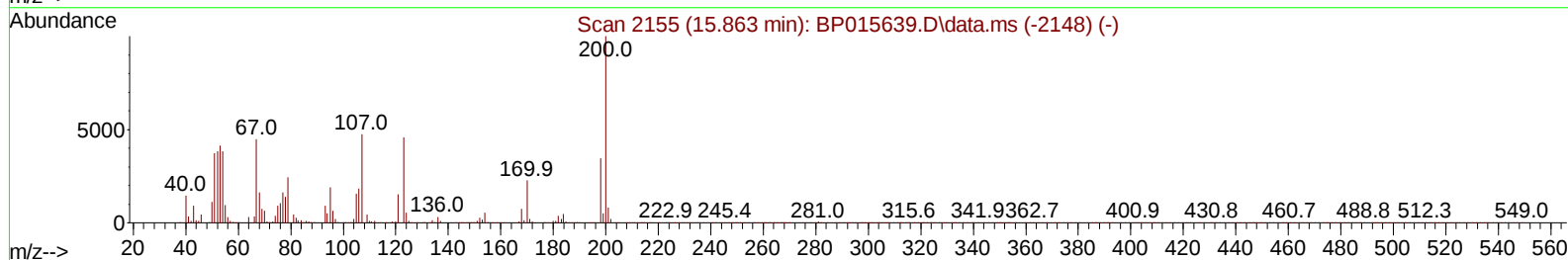
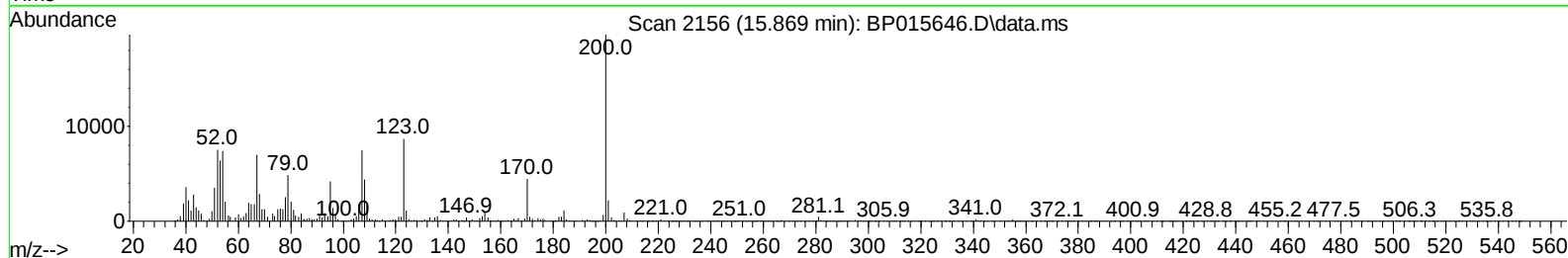
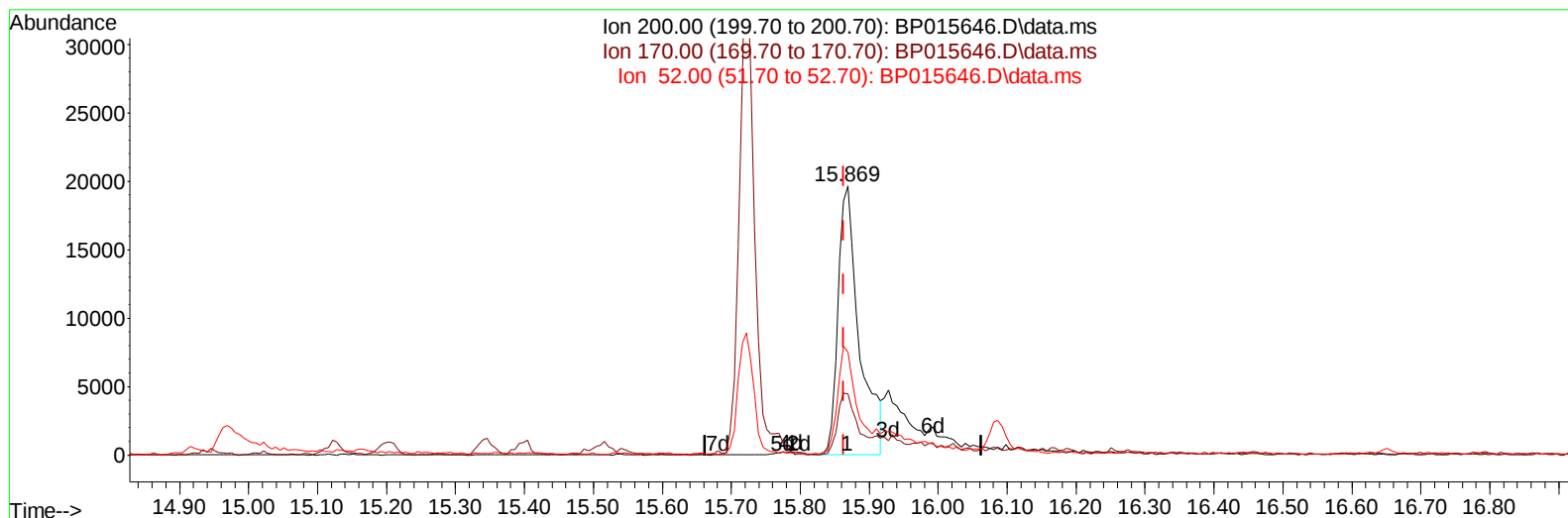
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062223\
 Data File : BP015646.D
 Acq On : 22 Jun 2023 14:32
 Operator : MA/JU
 Sample : 03083-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFK6

Manual IntegrationsAPPROVED

Quant Time: Jun 22 22:40:33 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: BP015646.D\data.ms

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

15.869min (+ 0.006) 9.64 ng/u1

response 41834

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	22.30	22.75
52.00	46.20	38.38
0.00	0.00	0.00

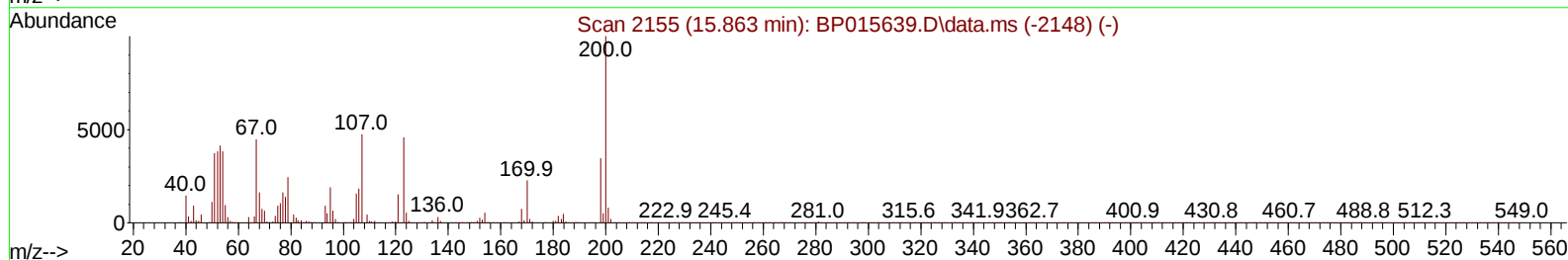
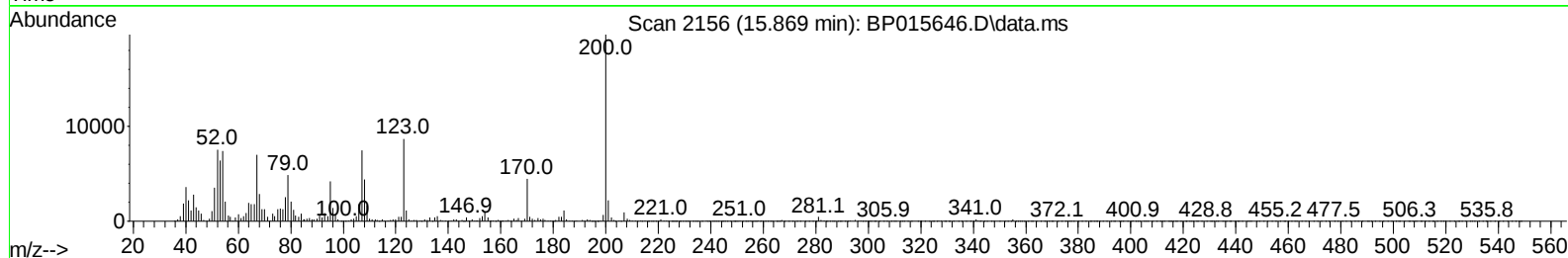
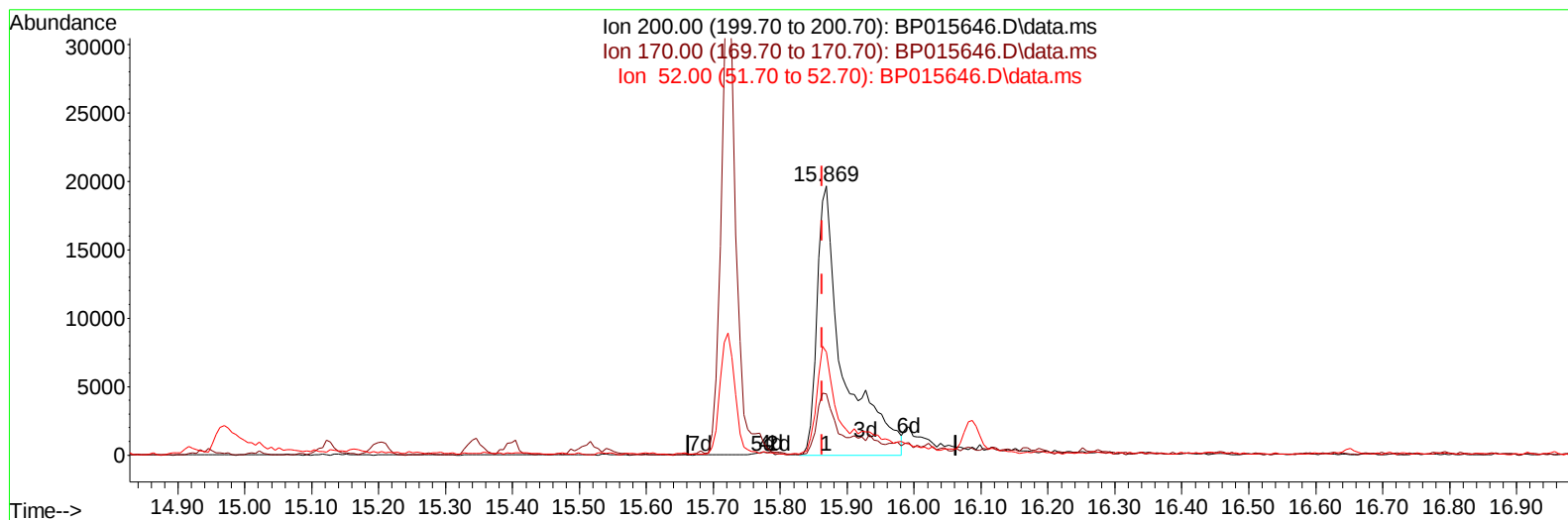
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062223\
Data File : BP015646.D
Acq On : 22 Jun 2023 14:32
Operator : MA/JU
Sample : 03083-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFK6

Manual IntegrationsAPPROVED

Quant Time: Jun 22 22:40:33 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: BP015646.D\data.ms

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

15.869min (+ 0.006) 12.26 ng/ul m

response 53204

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	22.30	22.75
52.00	46.20	38.38
0.00	0.00	0.00

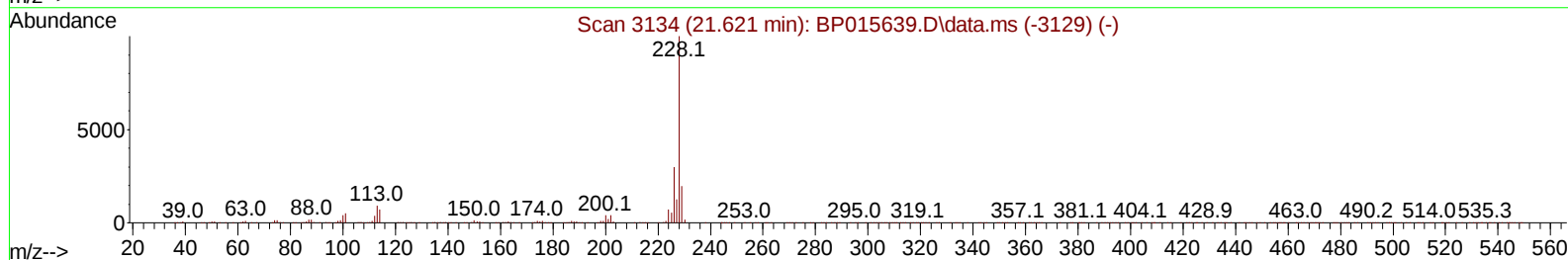
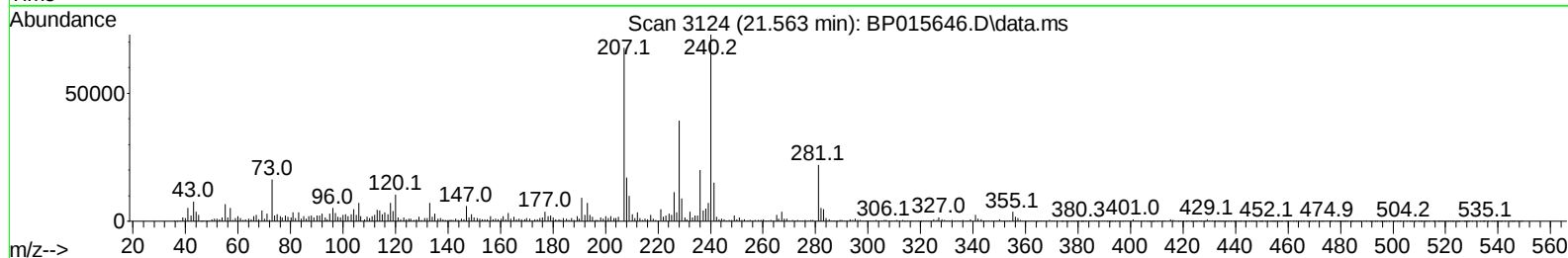
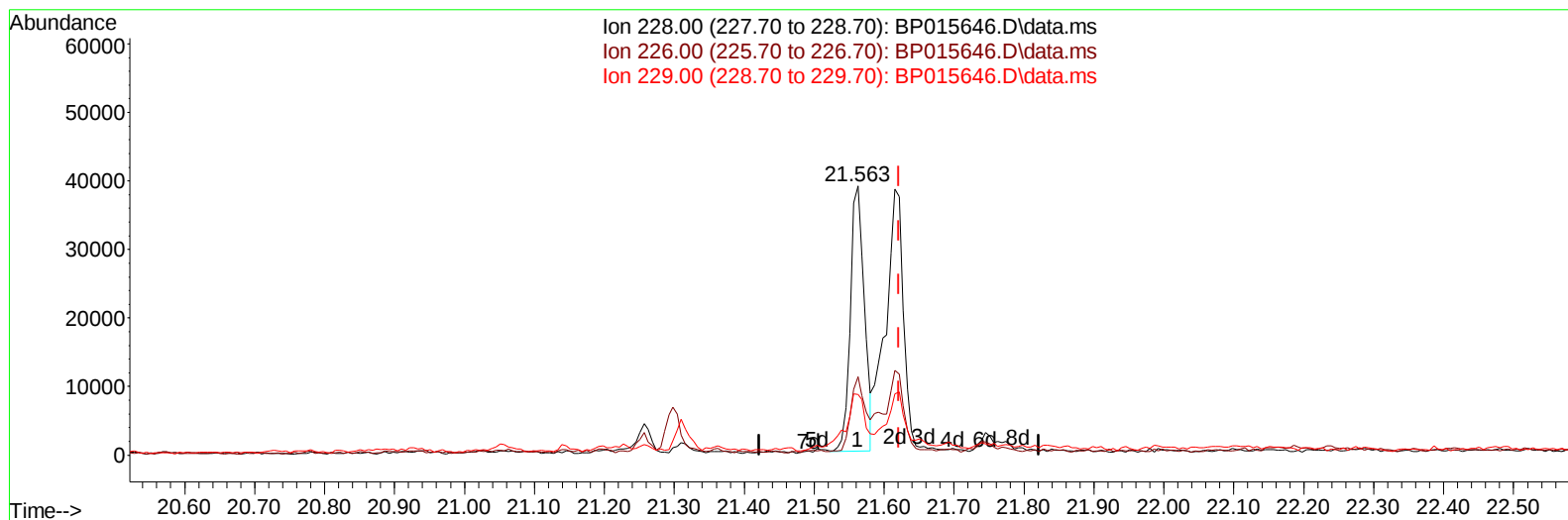
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062223\
 Data File : BP015646.D
 Acq On : 22 Jun 2023 14:32
 Operator : MA/JU
 Sample : 03083-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFK6

Manual IntegrationsAPPROVED

Quant Time: Jun 22 22:41:36 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: BP015646.D\data.ms

(87) Chrysene

21.563min (-0.059) 1.75 ng/u1

response 54392

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.90	29.25
229.00	18.90	22.56
0.00	0.00	0.00

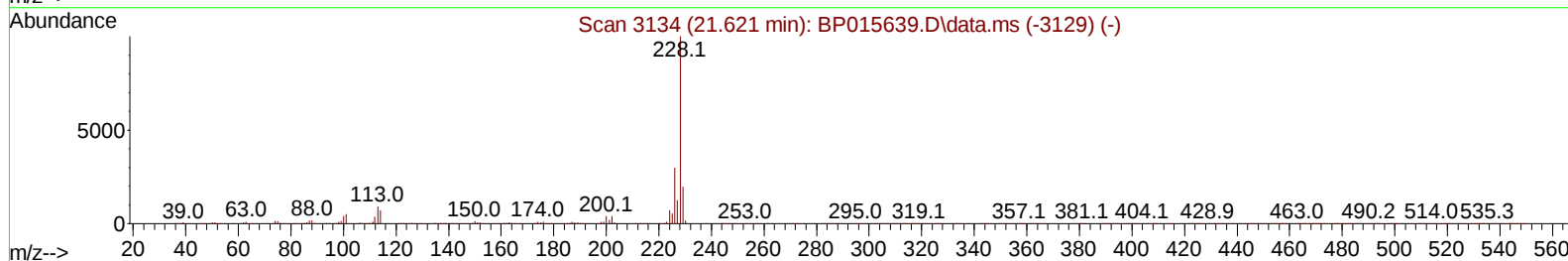
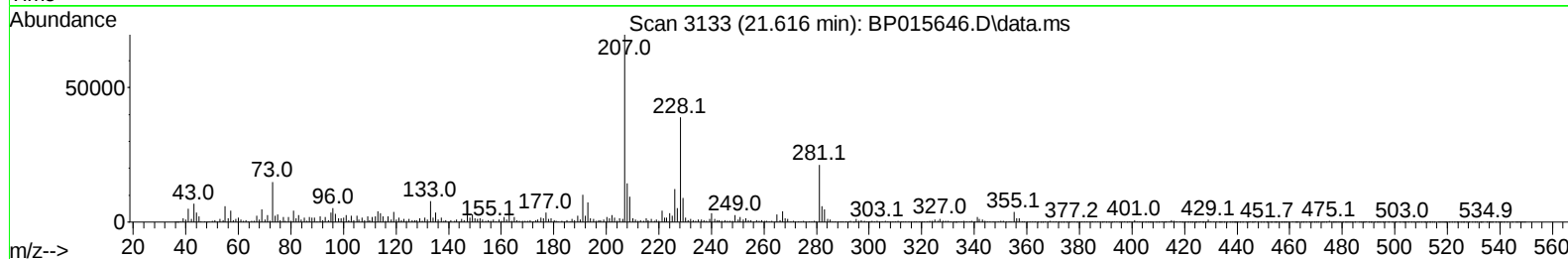
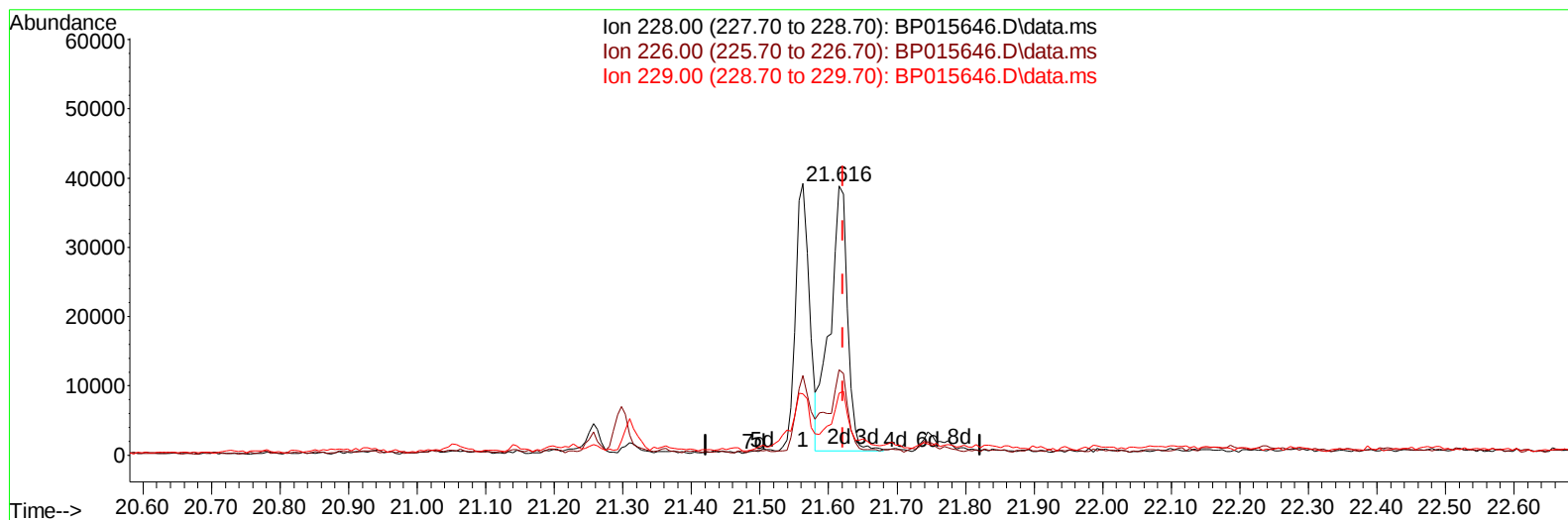
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062223\
 Data File : BP015646.D
 Acq On : 22 Jun 2023 14:32
 Operator : MA/JU
 Sample : 03083-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFK6

Manual IntegrationsAPPROVED

Quant Time: Jun 22 22:41:36 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
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Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023



TIC: BP015646.D\data.ms

(87) Chrysene

21.616min (-0.006) 2.24 ng/u1 m

response 69334

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.90	31.73
229.00	18.90	22.99#
0.00	0.00	0.00

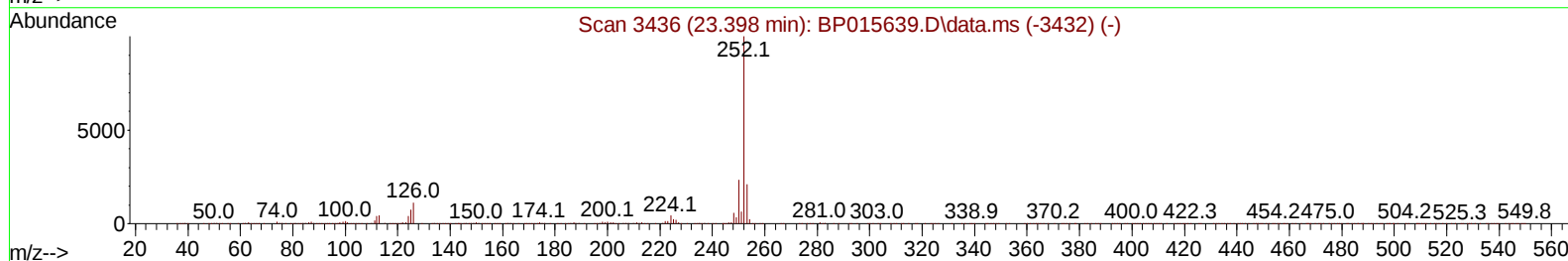
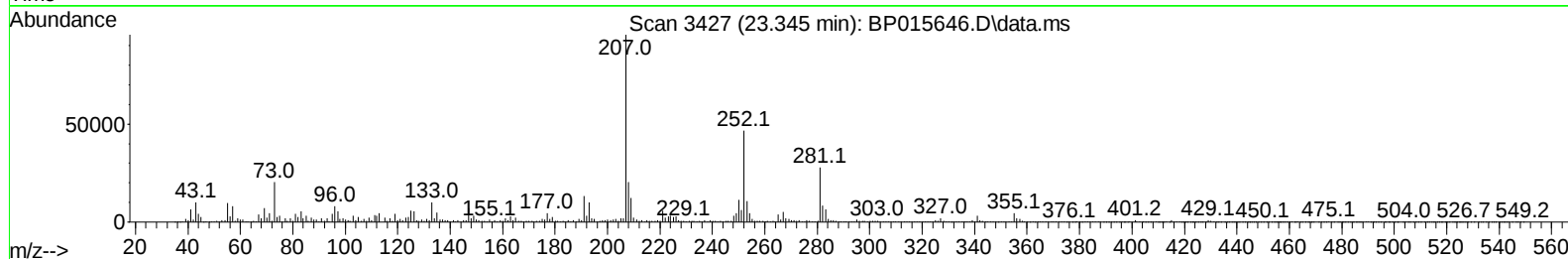
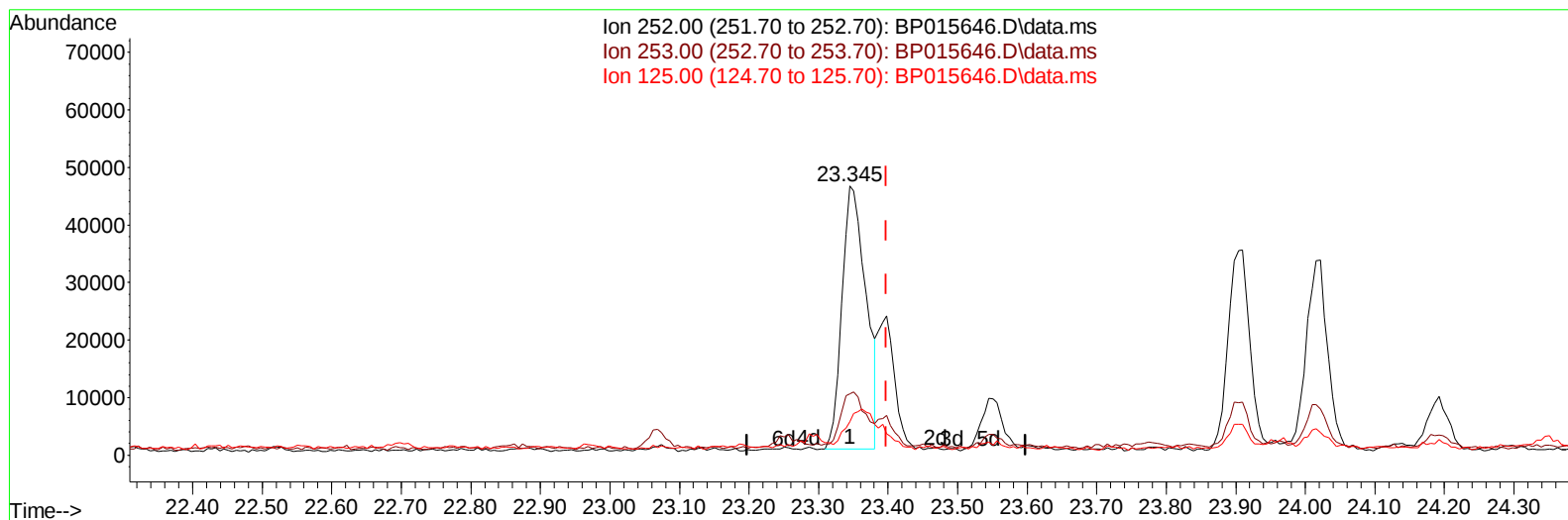
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062223\
 Data File : BP015646.D
 Acq On : 22 Jun 2023 14:32
 Operator : MA/JU
 Sample : 03083-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFK6

Manual IntegrationsAPPROVED

Quant Time: Jun 22 22:41:36 2023
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Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023



TIC: BP015646.D\data.ms

(91) Benzo(k)fluoranthene

23.345min (-0.053) 3.01 ng/u1

response 110039

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	22.90
125.00	9.10	12.40#
0.00	0.00	0.00

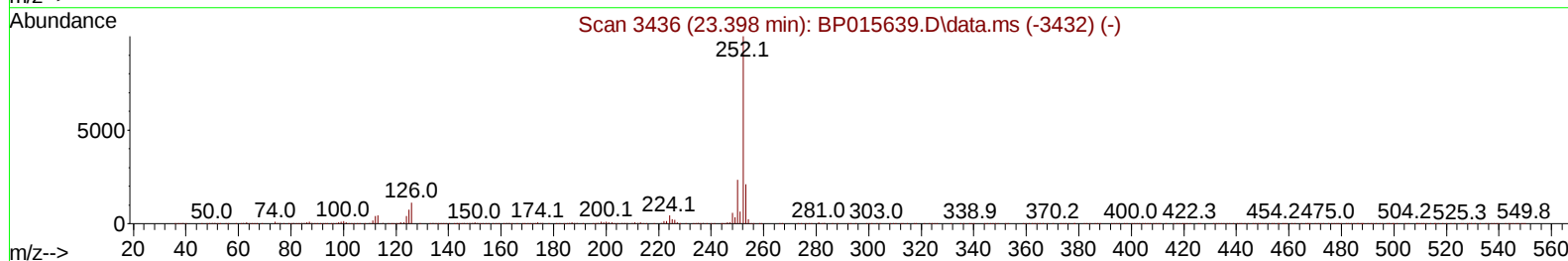
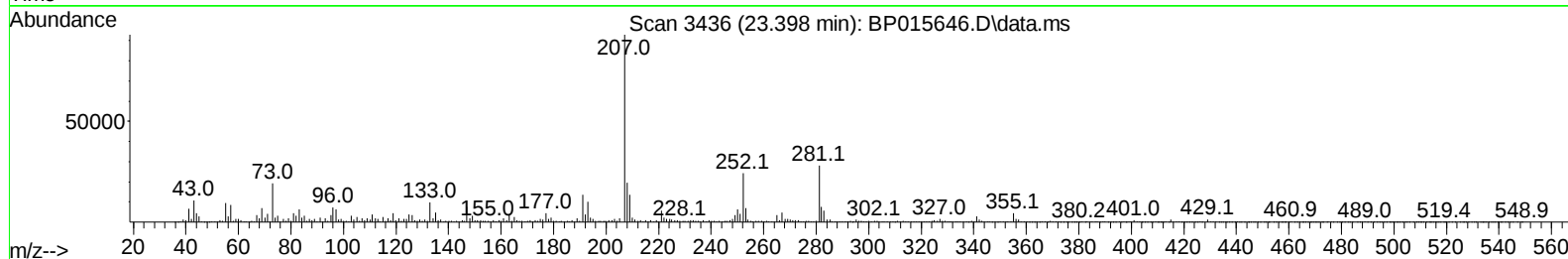
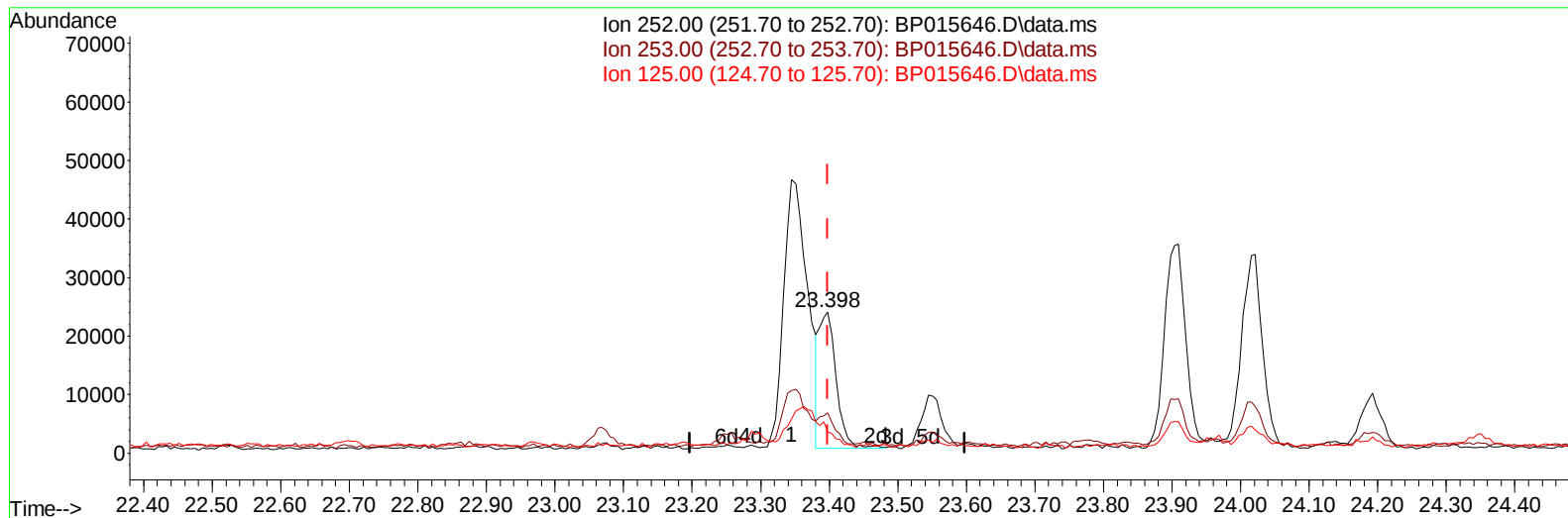
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062223\
 Data File : BP015646.D
 Acq On : 22 Jun 2023 14:32
 Operator : MA/JU
 Sample : 03083-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFK6

Manual IntegrationsAPPROVED

Quant Time: Jun 22 22:41:36 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
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Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023



TIC: BP015646.D\data.ms

(91) Benzo(k)fluoranthene

23.398min (+ 0.000) 1.10 ng/ul m

response 40313

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	28.55#
125.00	9.10	15.28#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062223\
 Data File : BP015646.D
 Acq On : 22 Jun 2023 14:32
 Operator : MA/JU
 Sample : 03083-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFK6

Manual IntegrationsAPPROVED

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

Quant Time: Jun 22 22:42:16 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
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	136353	20.000	ng/ul	0.00
20) Naphthalene-d8	10.904	136	583027	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.728	164	359139	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.486	188	685153	20.000	ng/ul	0.00
79) Chrysene-d12	21.580	240	469134	20.000	ng/ul	0.00
88) Perylene-d12	24.133	264	586021	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	8708	2.365	ng/uL	0.00
4) Pyridine-d5	3.852	84	59342	6.204	ng/ul	0.01
7) Phenol-d5	7.240	99	180391	14.360	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.399	67	111056	14.803	ng/ul	0.00
11) 2-Chlorophenol-d4	7.605	132	149058	16.366	ng/ul	0.00
15) 4-Methylphenol-d8	8.799	113	134446	13.041	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	74665	16.312	ng/ul	0.00
24) 2-Nitrophenol-d4	9.987	143	83259	15.928	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	140003	14.682	ng/ul	0.00
31) 4-Chloroaniline-d4	11.063	131	105105	7.679	ng/ul	0.01
46) Dimethylphthalate-d6	14.134	166	522512	18.450	ng/ul	0.00
49) Acenaphthylene-d8	14.422	160	554186	17.896	ng/ul	0.00
54) 4-Nitrophenol-d4	14.969	143	38259m	7.544	ng/ul	0.02
60) Fluorene-d10	15.722	176	413817	17.328	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	53204m	12.258	ng/ul	0.00
73) Anthracene-d10	17.586	188	547566	17.565	ng/ul	0.00
81) Pyrene-d10	19.816	212	570136	22.707	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.963	264	563124	19.151	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.534	178	53657	1.459	ng/ul	98
80) Fluoranthene	19.492	202	129369	4.230	ng/ul	98
82) Pyrene	19.845	202	105736	3.342	ng/ul	98
85) Benzo(a)anthracene	21.563	228	55140	1.681	ng/ul	95
87) Chrysene	21.616	228	69334m	2.237	ng/ul	
90) Benzo(b)fluoranthene	23.345	252	110039	2.909	ng/ul#	96
91) Benzo(k)fluoranthene	23.398	252	40313m	1.102	ng/ul	
93) Benzo(a)pyrene	24.021	252	67851	2.057	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.833	276	69600	1.631	ng/ul	98
96) Benzo(g,h,i)perylene	27.674	276	79966	2.273	ng/ul	99

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

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 Operator : MA/JU
 Sample : 03083-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 DCFK6

Manual IntegrationsAPPROVED

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

Quant Time: Jun 22 22:42:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
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