

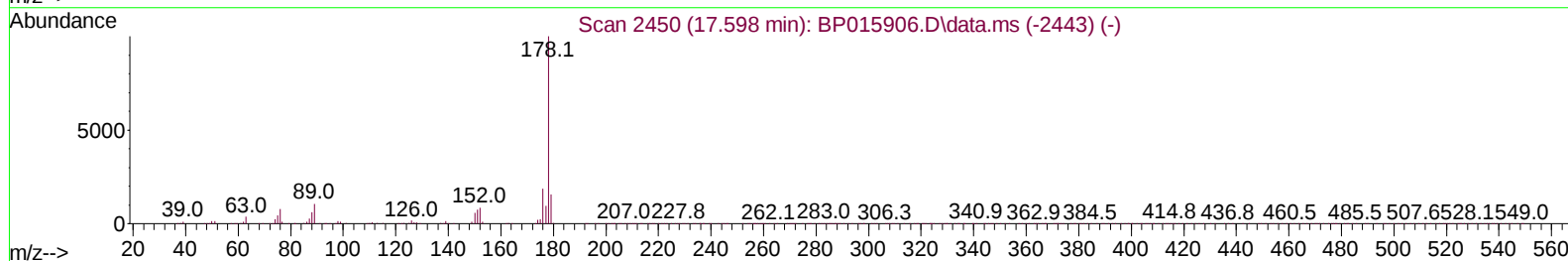
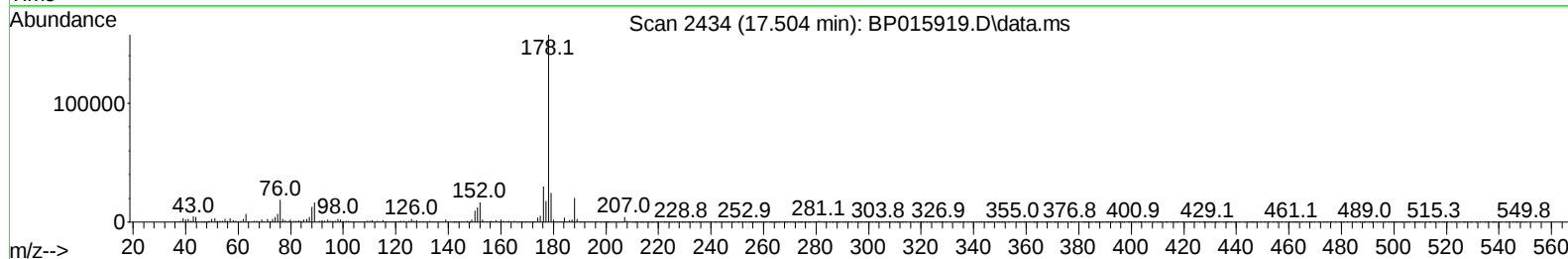
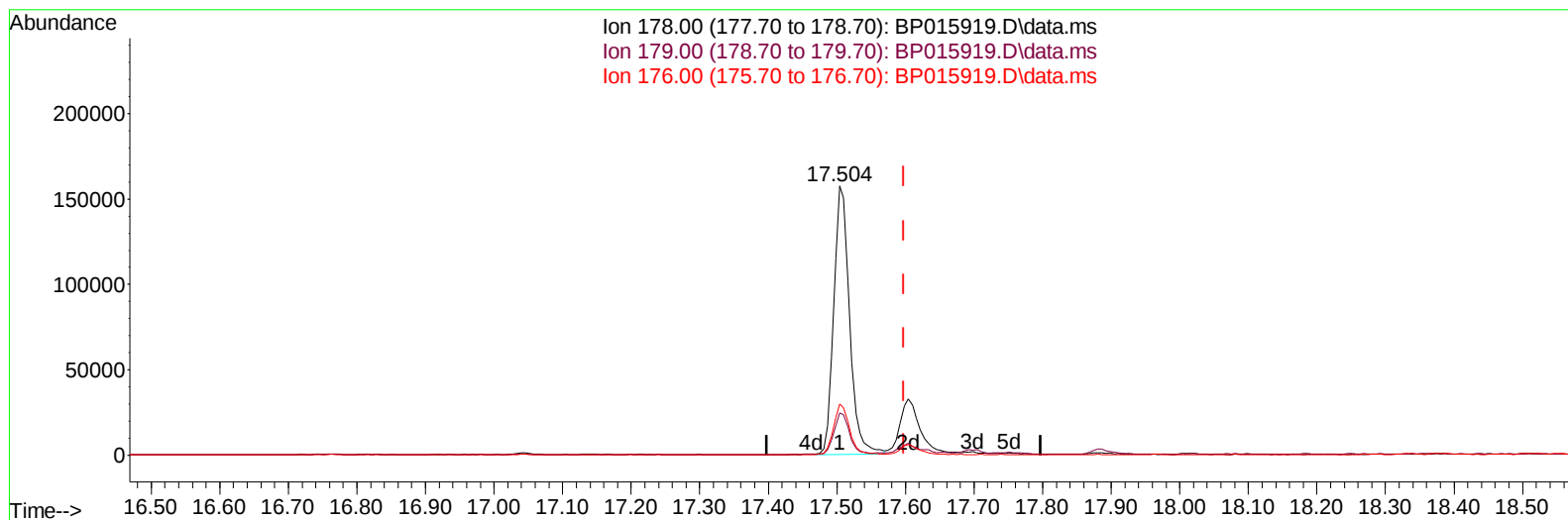
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070223\
 Data File : BP015919.D
 Acq On : 02 Jul 2023 11:45
 Operator : MA/JU
 Sample : 03243-10
 Misc :
 ALS Vial : 86 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGD0

Manual IntegrationsAPPROVED

Quant Time: Jul 02 13:27:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/03/2023
 Supervised By :mohammad ahmed 07/03/2023



TIC: BP015919.D\data.ms

(74) Anthracene

17.504min (-0.094) 4.37 ng/u1

response 252359

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.10	15.74
176.00	18.30	18.89
0.00	0.00	0.00

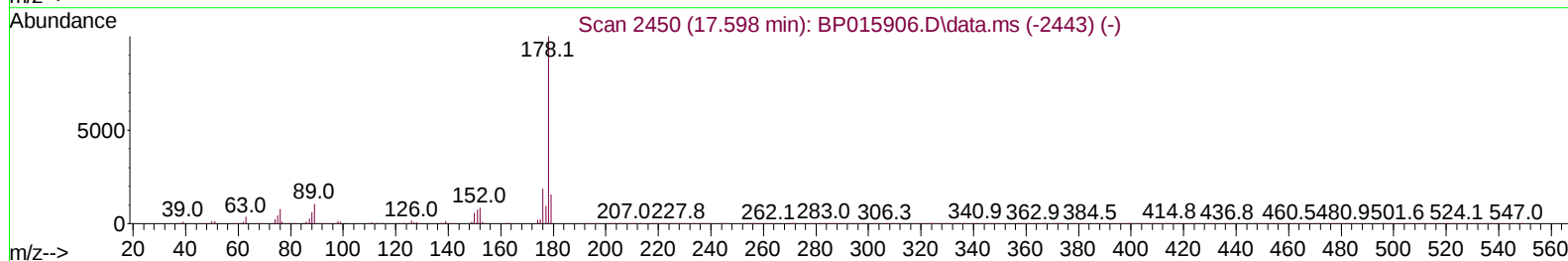
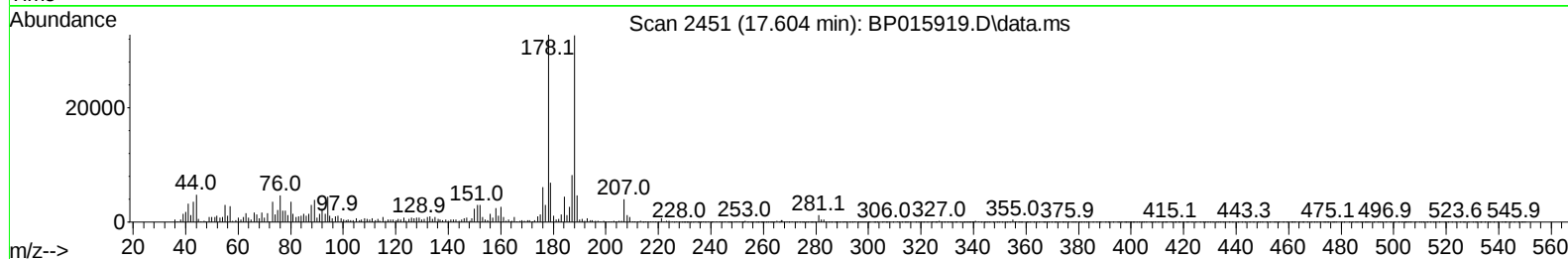
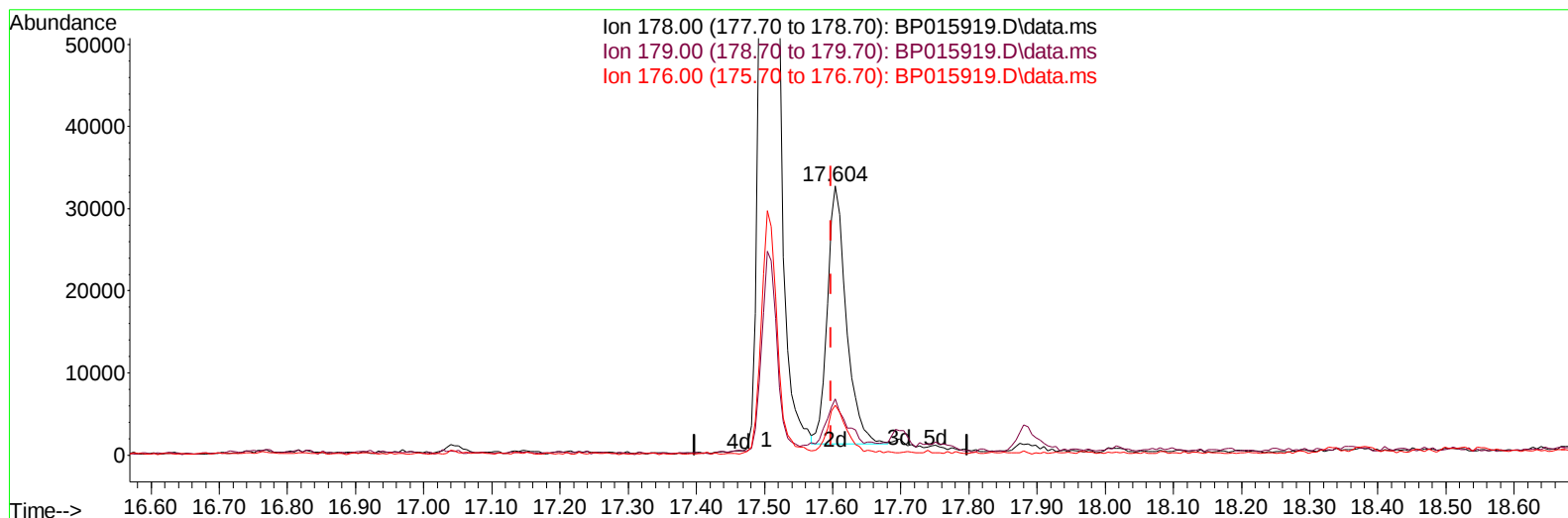
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070223\
 Data File : BP015919.D
 Acq On : 02 Jul 2023 11:45
 Operator : MA/JU
 Sample : 03243-10
 Misc :
 ALS Vial : 86 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGD0

Manual IntegrationsAPPROVED

Quant Time: Jul 02 13:27:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/03/2023
 Supervised By :mohammad ahmed 07/03/2023



TIC: BP015919.D\data.ms

(74) Anthracene

17.604min (+ 0.006) 1.04 ng/uI m

response 60009

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.10	20.91#
176.00	18.30	18.55
0.00	0.00	0.00

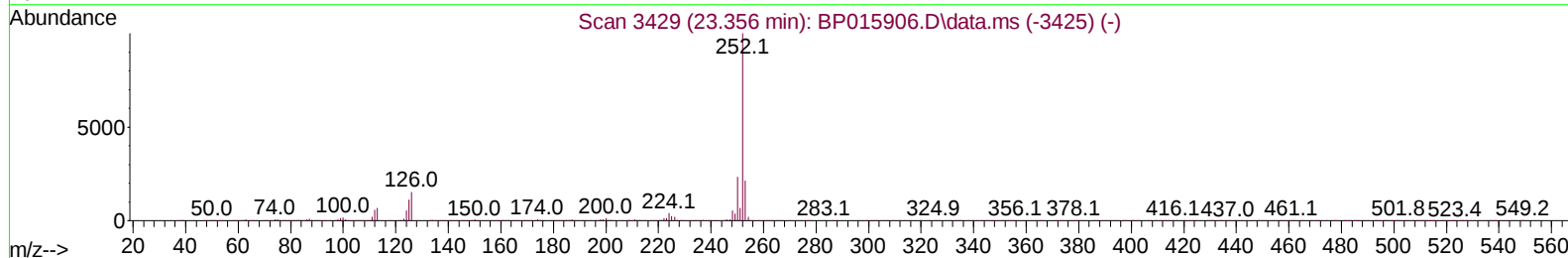
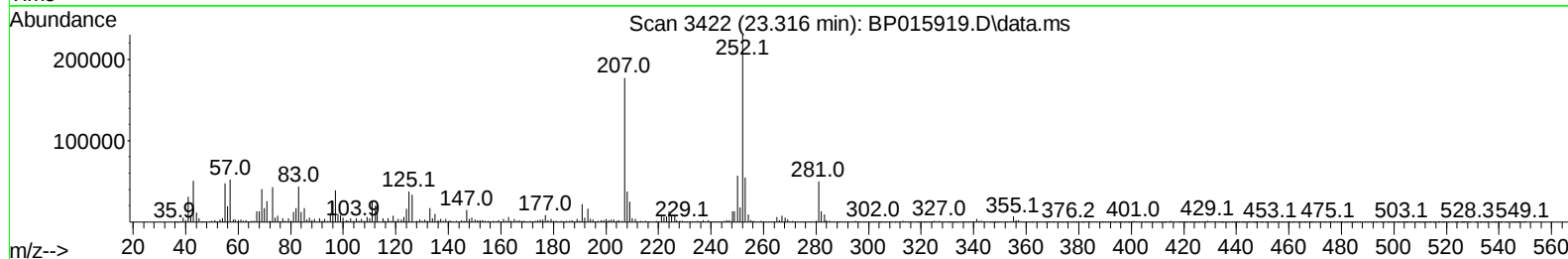
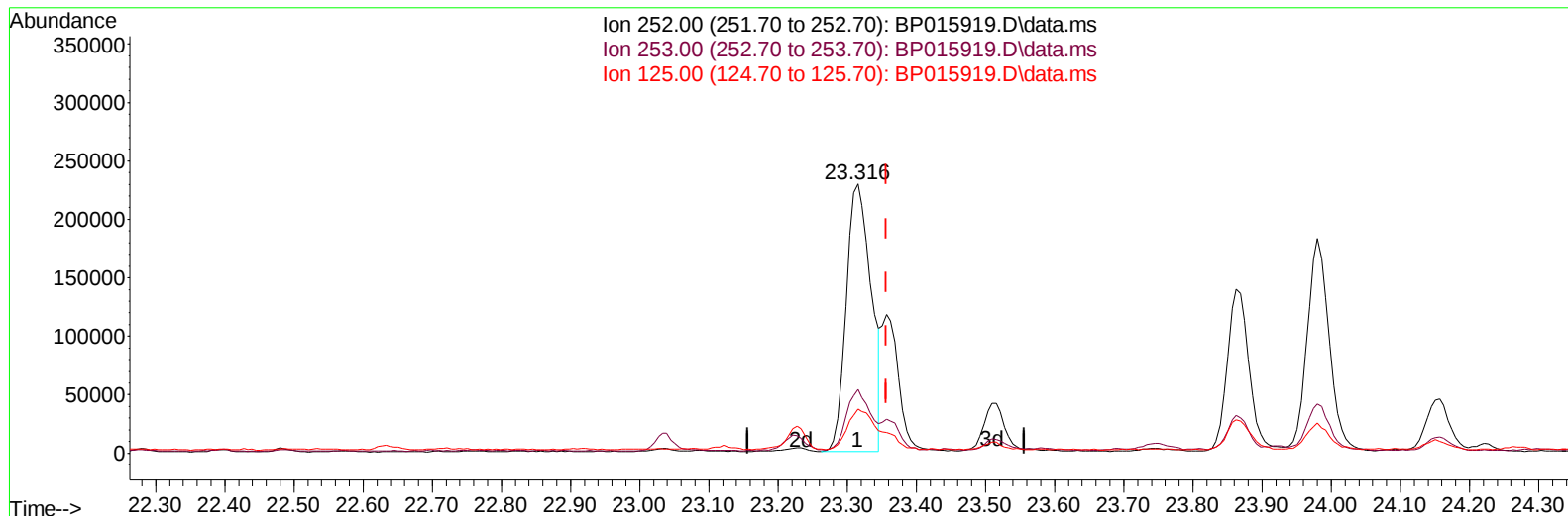
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070223\
 Data File : BP015919.D
 Acq On : 02 Jul 2023 11:45
 Operator : MA/JU
 Sample : 03243-10
 Misc :
 ALS Vial : 86 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGD0

Manual IntegrationsAPPROVED

Quant Time: Jul 02 13:27:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
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Reviewed By :Yogesh Patel 07/03/2023
 Supervised By :mohammad ahmed 07/03/2023



TIC: BP015919.D\data.ms

(91) Benzo(k)fluoranthene

23.316min (-0.041) 7.62 ng/u1

response 572167

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.20	23.61
125.00	9.10	16.35#
0.00	0.00	0.00

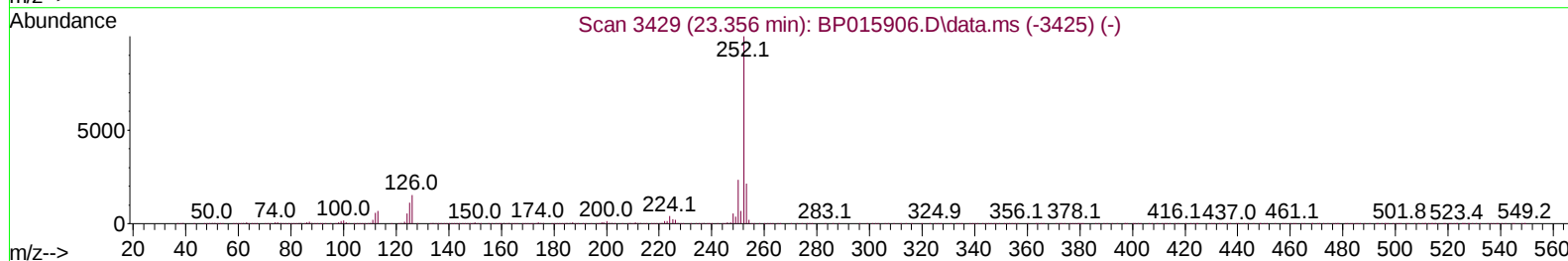
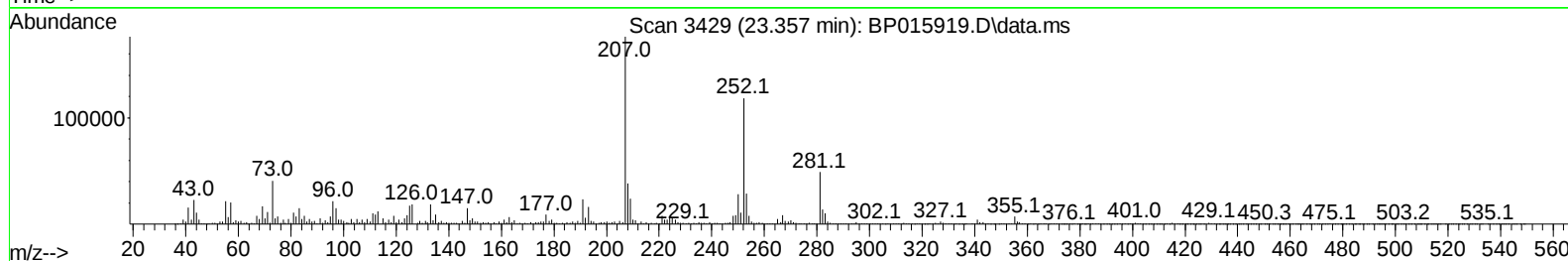
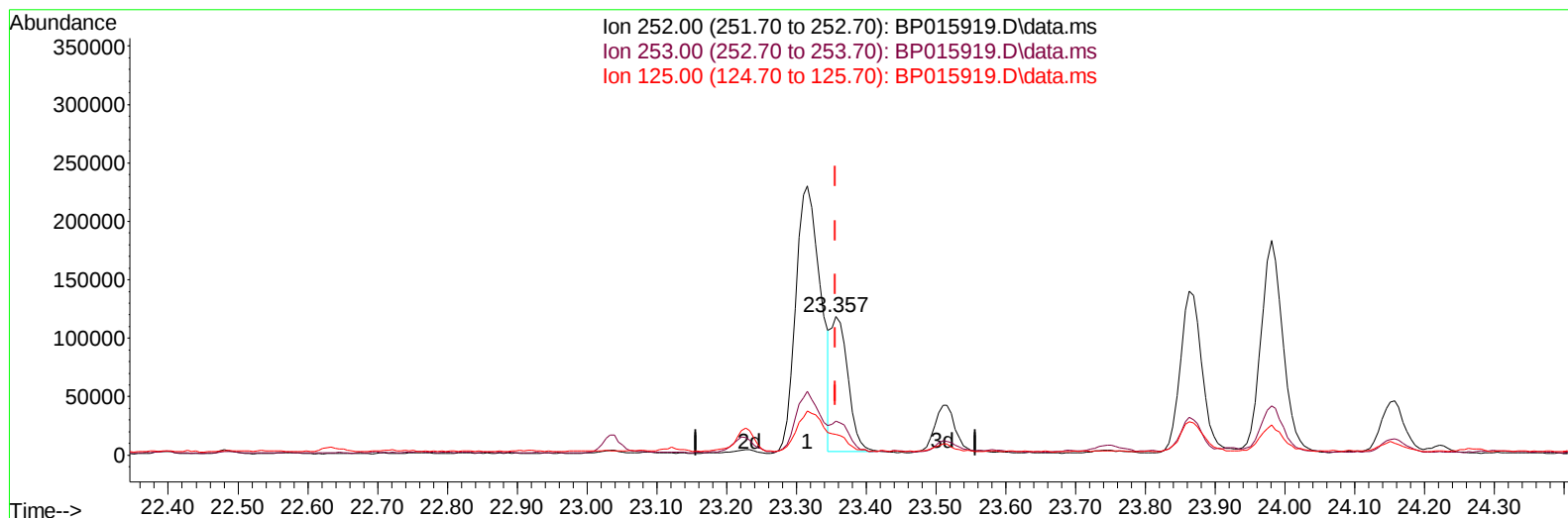
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070223\
 Data File : BP015919.D
 Acq On : 02 Jul 2023 11:45
 Operator : MA/JU
 Sample : 03243-10
 Misc :
 ALS Vial : 86 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGD0

Manual IntegrationsAPPROVED

Quant Time: Jul 02 13:27:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
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Reviewed By :Yogesh Patel 07/03/2023
 Supervised By :mohammad ahmed 07/03/2023



TIC: BP015919.D\data.ms

(91) Benzo(k)fluoranthene

23.357min (+ 0.000) 2.60 ng/ul m

response 194982

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.20	24.47
125.00	9.10	14.84#
0.00	0.00	0.00

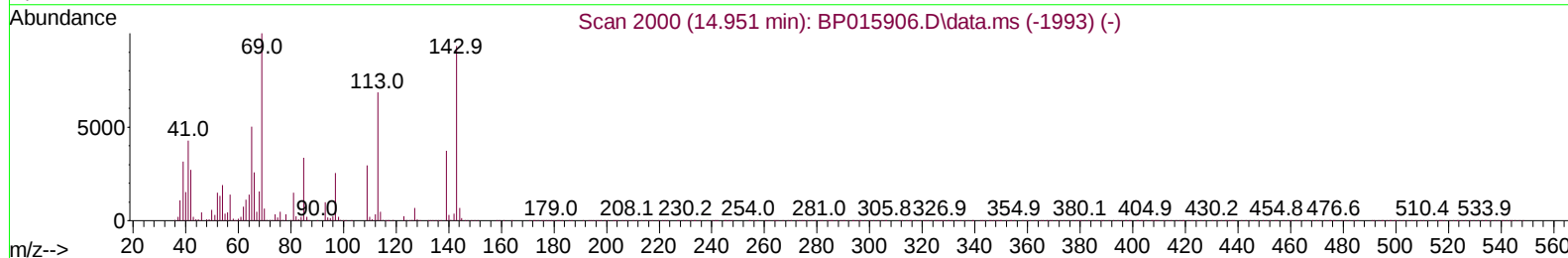
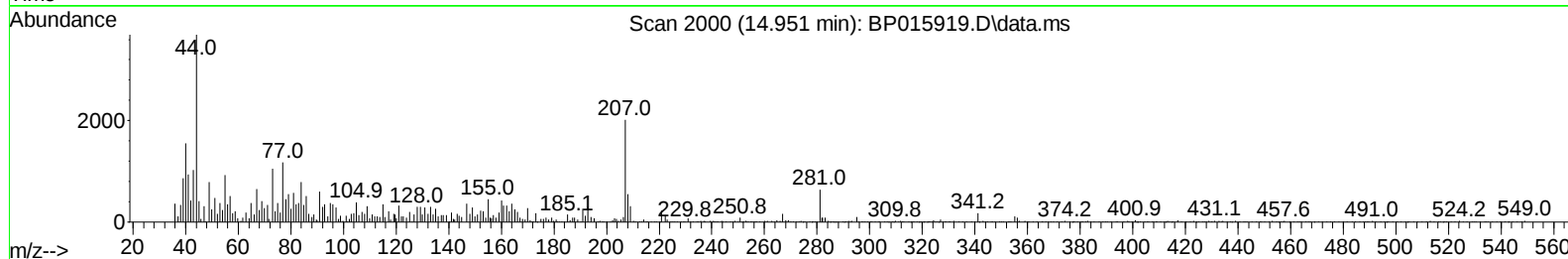
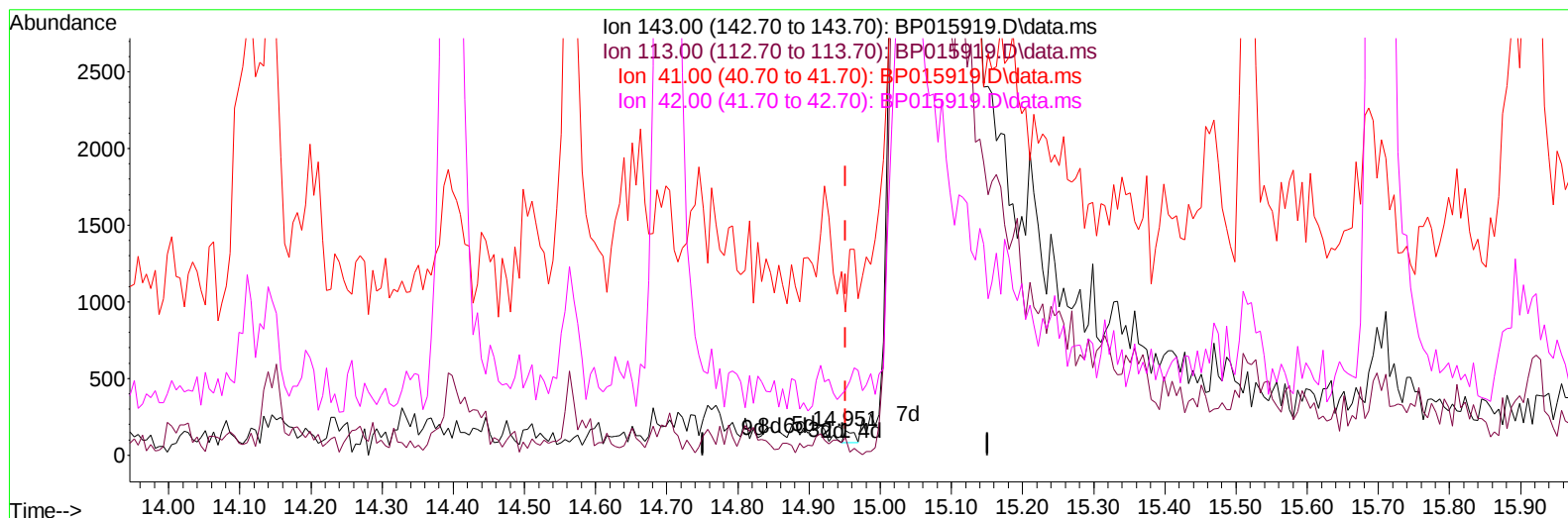
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070223\
Data File : BP015919.D
Acq On : 02 Jul 2023 11:45
Operator : MA/JU
Sample : 03243-10
Misc :
ALS Vial : 86 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGD0

Manual IntegrationsAPPROVED

Quant Time: Jul 02 13:31:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 06:12:16 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



TIC: BP015919.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.951min (+ 0.000) 0.01 ng/u1

response 73

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	94.00	70.63#
41.00	45.70	584.38#
42.00	31.20	266.25#

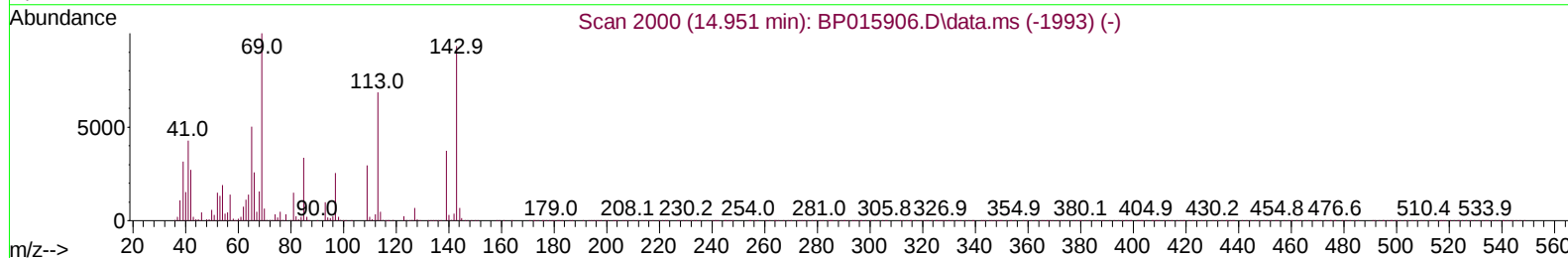
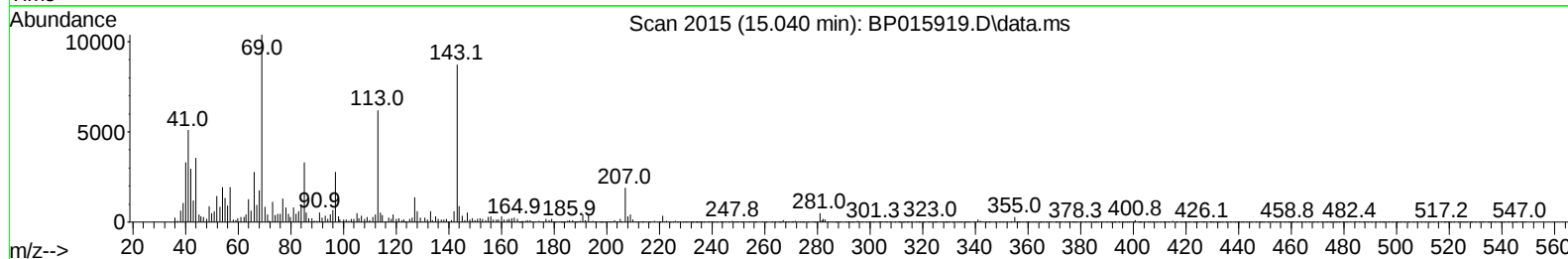
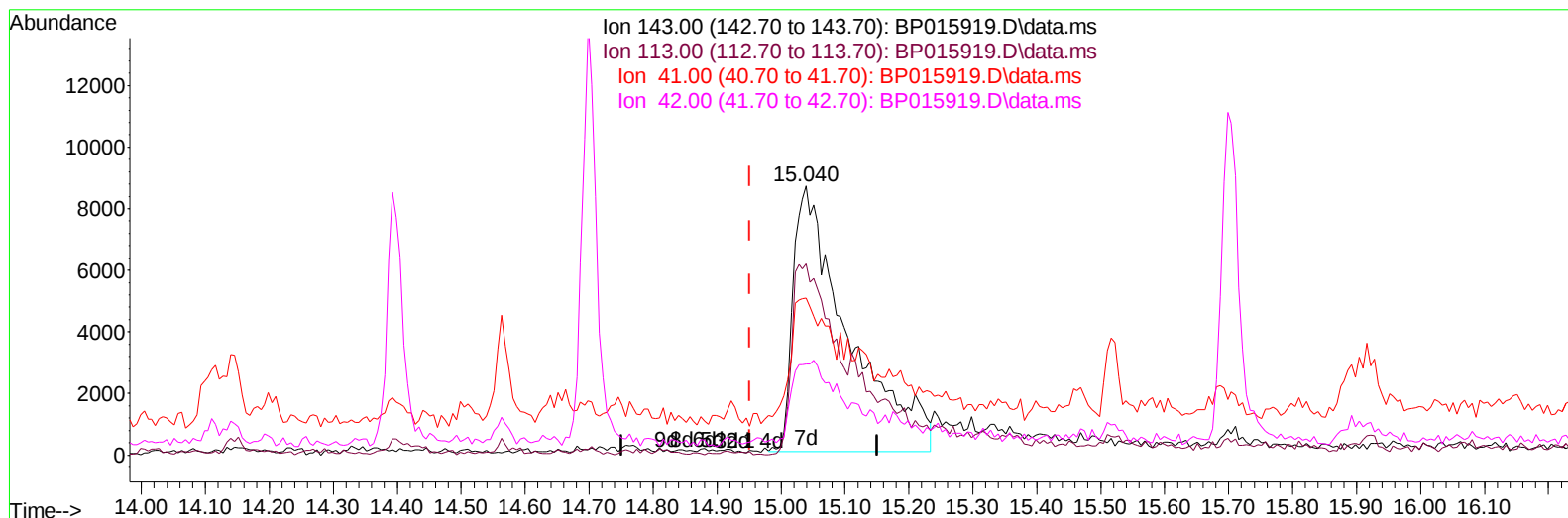
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070223\
Data File : BP015919.D
Acq On : 02 Jul 2023 11:45
Operator : MA/JU
Sample : 03243-10
Misc :
ALS Vial : 86 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGD0

Manual IntegrationsAPPROVED

Quant Time: Jul 02 13:31:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 06:12:16 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



TIC: BP015919.D\data.ms

(54) 4-Nitrophenol-d4 (S)

15.040min (+ 0.089) 8.85 ng/ul m

response 51509

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	94.00	71.01#
41.00	45.70	58.35#
42.00	31.20	33.87

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070223\
 Data File : BP015919.D
 Acq On : 02 Jul 2023 11:45
 Operator : MA/JU
 Sample : 03243-10
 Misc :
 ALS Vial : 86 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGD0

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/03/2023
 Supervised By :mohammad ahmed 07/03/2023

Quant Time: Jul 02 13:46:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	278203	20.000	ng/ul	0.00
20) Naphthalene-d8	10.875	136	1111612	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.698	164	570864	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.463	188	1059060	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.551	240	988885	20.000	ng/ul	# 0.00
88) Perylene-d12	24.098	264	1156054	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	22972	2.971	ng/uL	0.00
4) Pyridine-d5	3.822	84	229009	11.749	ng/ul	0.00
7) Phenol-d5	7.240	99	371333	15.600	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.375	67	264517	17.962	ng/ul	0.00
11) 2-Chlorophenol-d4	7.581	132	313213	17.431	ng/ul	0.00
15) 4-Methylphenol-d8	8.799	113	268083	14.256	ng/ul	0.02
21) Nitrobenzene-d5	9.246	128	143728	16.918	ng/ul	0.01
24) 2-Nitrophenol-d4	9.981	143	154744	15.607	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.552	165	255261	14.447	ng/ul	0.04
31) 4-Chloroaniline-d4	11.069	131	229707	10.121	ng/ul	0.04
46) Dimethylphthalate-d6	14.116	166	866567	19.640	ng/ul	0.01
49) Acenaphthylene-d8	14.398	160	945818	19.069	ng/ul	0.00
54) 4-Nitrophenol-d4	15.040	143	51509m	8.846	ng/ul	0.09
60) Fluorene-d10	15.704	176	666603	18.348	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.887	200	31494	4.835	ng/ul	0.03
73) Anthracene-d10	17.563	188	976200	20.179	ng/ul	0.00
81) Pyrene-d10	19.792	212	1182816	18.318	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.927	264	1214789	20.831	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.504	178	251669	4.374	ng/ul	99
74) Anthracene	17.604	178	60009m	1.038	ng/ul	
80) Fluoranthene	19.469	202	677309	8.440	ng/ul#	94
82) Pyrene	19.822	202	599901	7.328	ng/ul#	92
85) Benzo(a)anthracene	21.533	228	345755	4.970	ng/ul	96
87) Chrysene	21.592	228	369198	5.594	ng/ul	96
90) Benzo(b)fluoranthene	23.316	252	572167	7.703	ng/ul#	91
91) Benzo(k)fluoranthene	23.357	252	194982m	2.598	ng/ul	
93) Benzo(a)pyrene	23.980	252	401634	6.188	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.804	276	312387	3.545	ng/ul#	96
95) Dibenzo(a,h)anthracene	26.792	278	84229	1.164	ng/ul#	80
96) Benzo(g,h,i)perylene	27.639	276	287744	3.970	ng/ul#	90

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

