

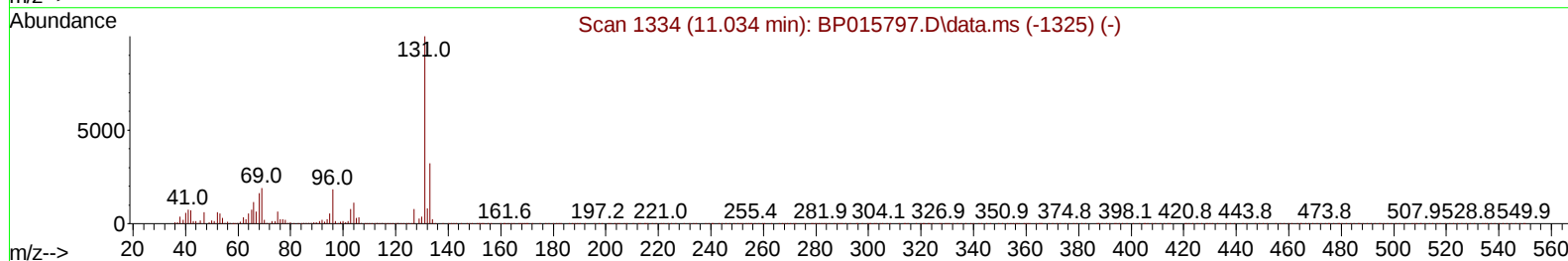
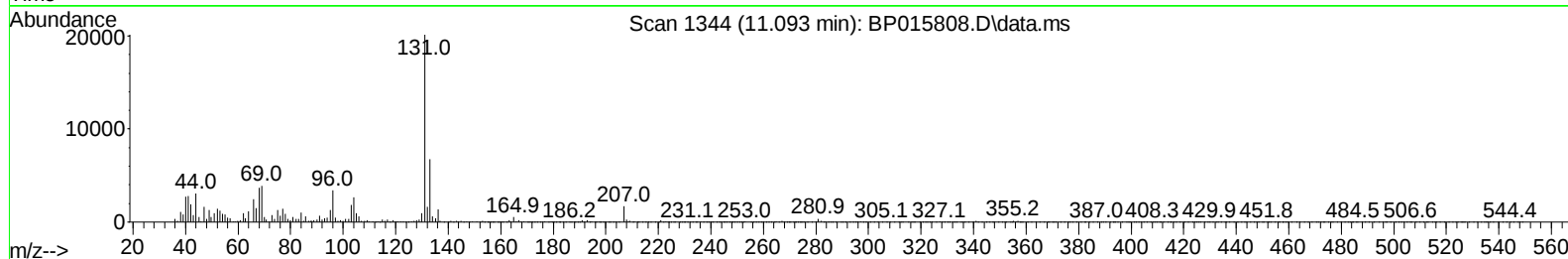
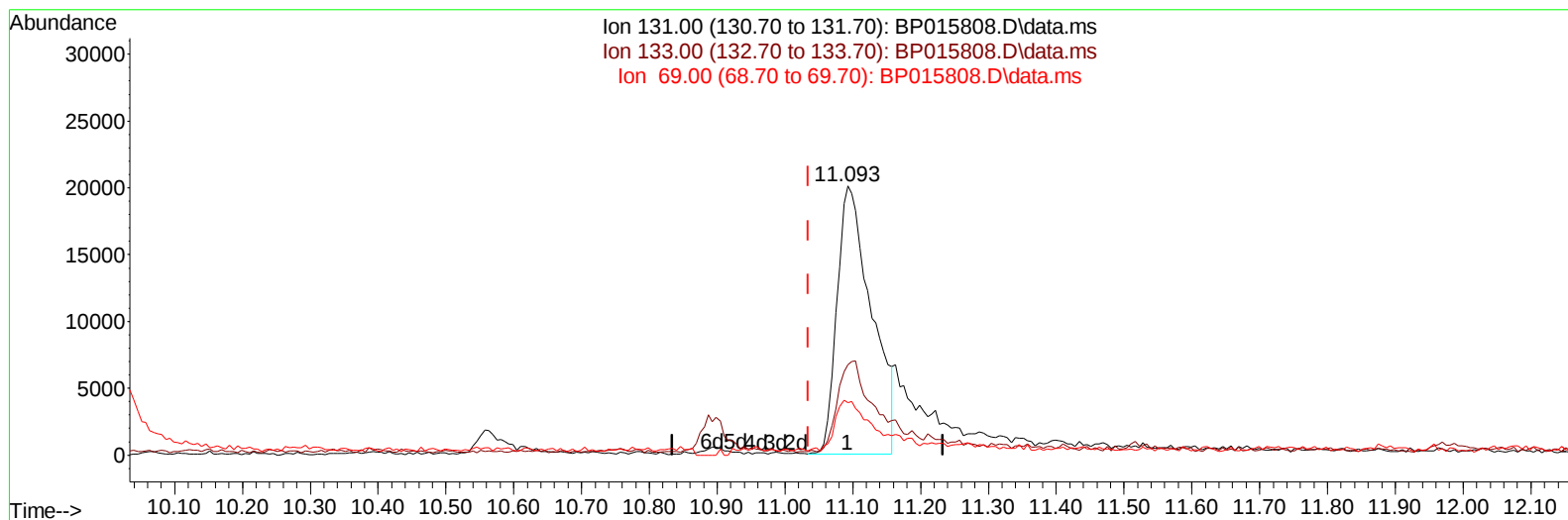
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
 Data File : BP015808.D
 Acq On : 29 Jun 2023 13:31
 Operator : MA/JU
 Sample : 03143-17
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFV4

Manual IntegrationsAPPROVED

Quant Time: Jun 29 22:26:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 29 02:30:23 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023



TIC: BP015808.D\data.ms

(31) 4-Chloroaniline-d4 (S)

11.093min (+ 0.059) 4.39 ng/u1

response 71022

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	34.50	33.73
69.00	22.20	19.48
0.00	0.00	0.00

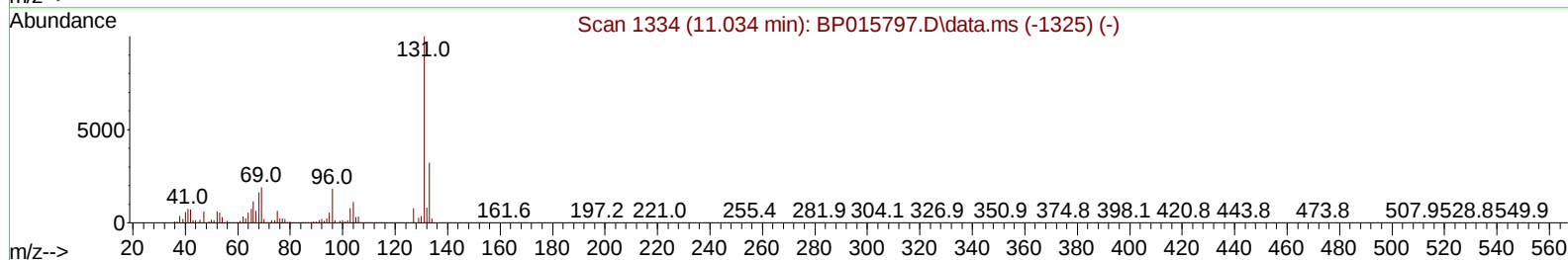
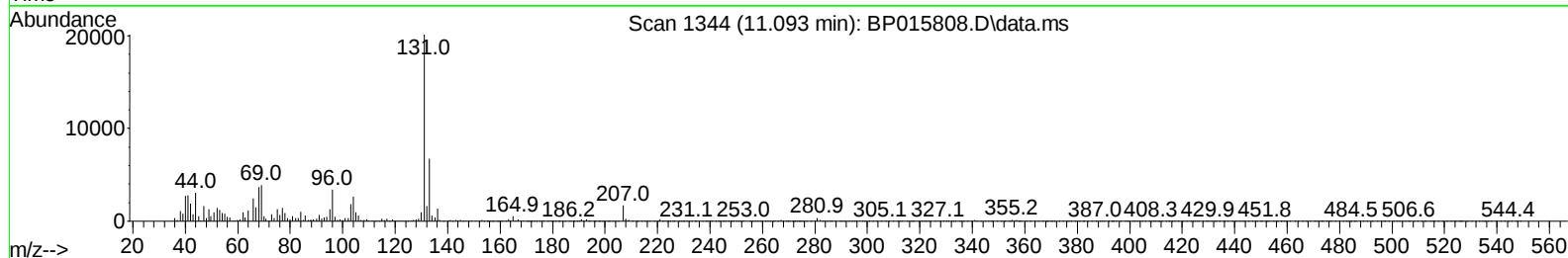
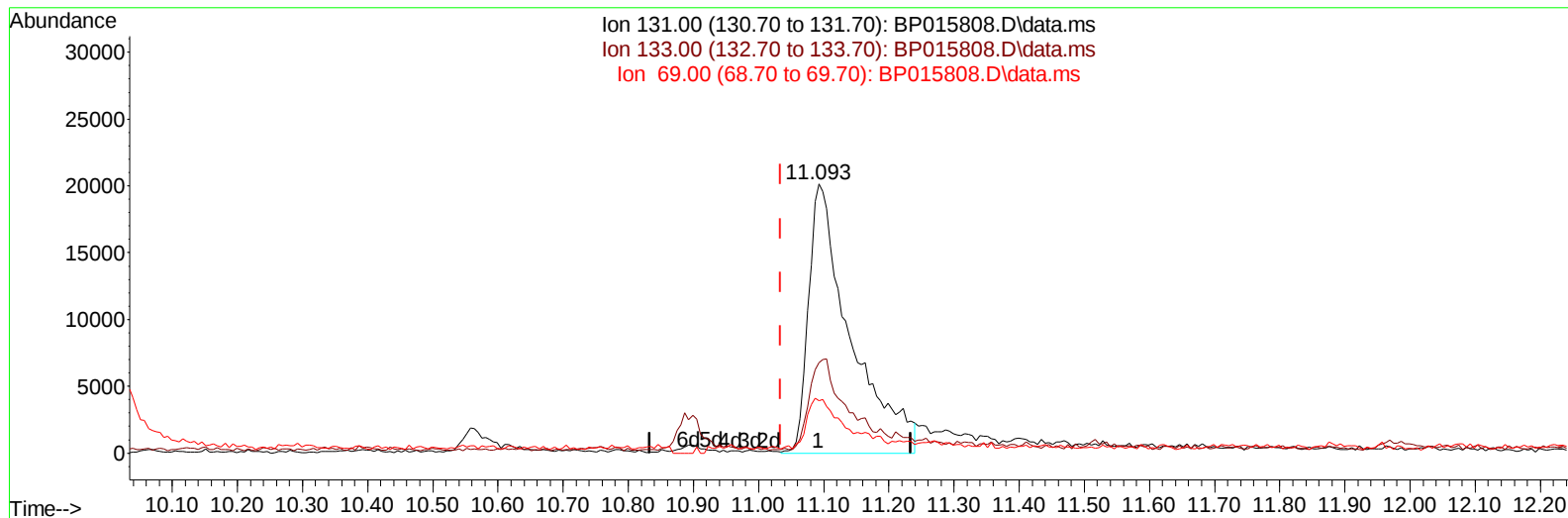
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
 Data File : BP015808.D
 Acq On : 29 Jun 2023 13:31
 Operator : MA/JU
 Sample : 03143-17
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

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 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 29 02:30:23 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023



TIC: BP015808.D\data.ms

(31) 4-Chloroaniline-d4 (S)

11.093min (+ 0.059) 5.56 ng/ul m

response 89810

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	34.50	33.73
69.00	22.20	19.48
0.00	0.00	0.00

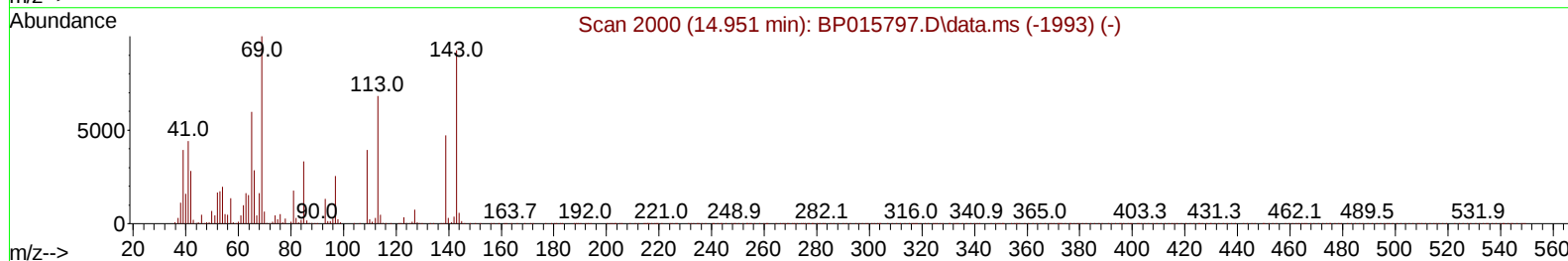
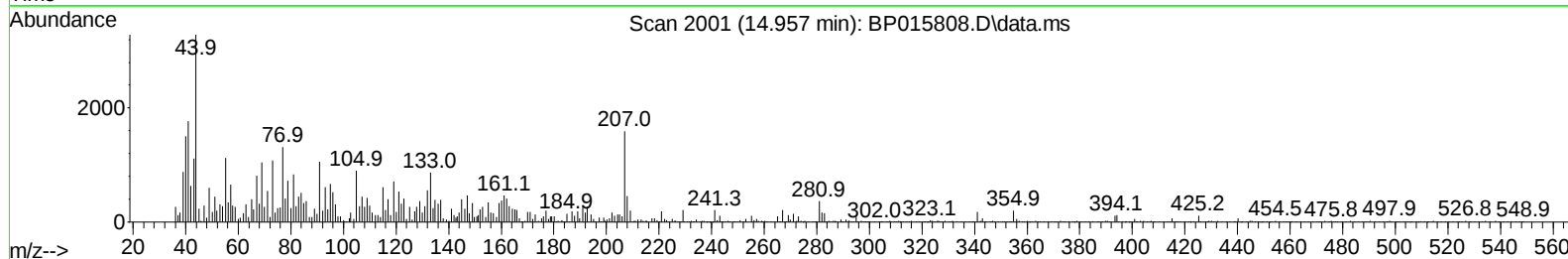
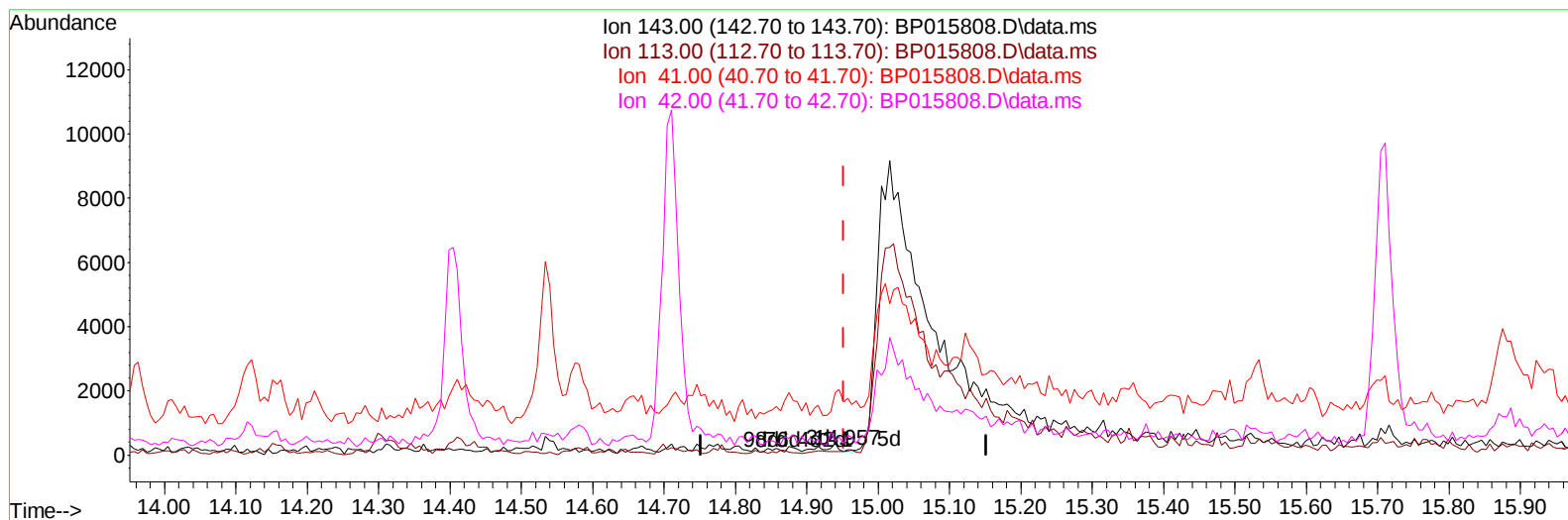
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
 Data File : BP015808.D
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 Operator : MA/JU
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Instrument :
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Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 06/30/2023



TIC: BP015808.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.957min (+ 0.006) 0.01 ng/u1

response 57

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	94.00	71.75#
41.00	45.70	998.31#
42.00	31.20	357.63#

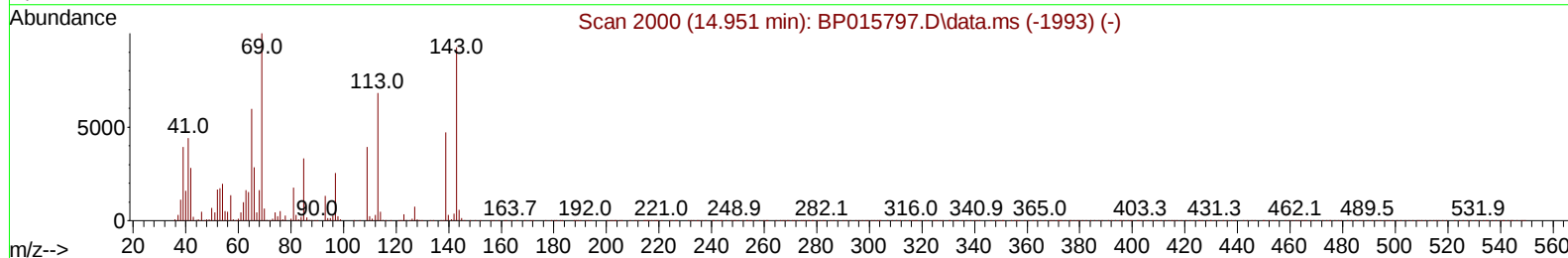
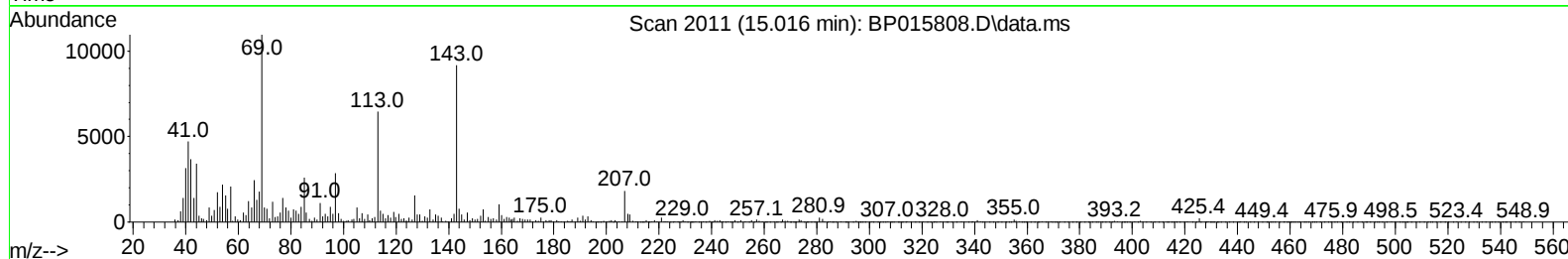
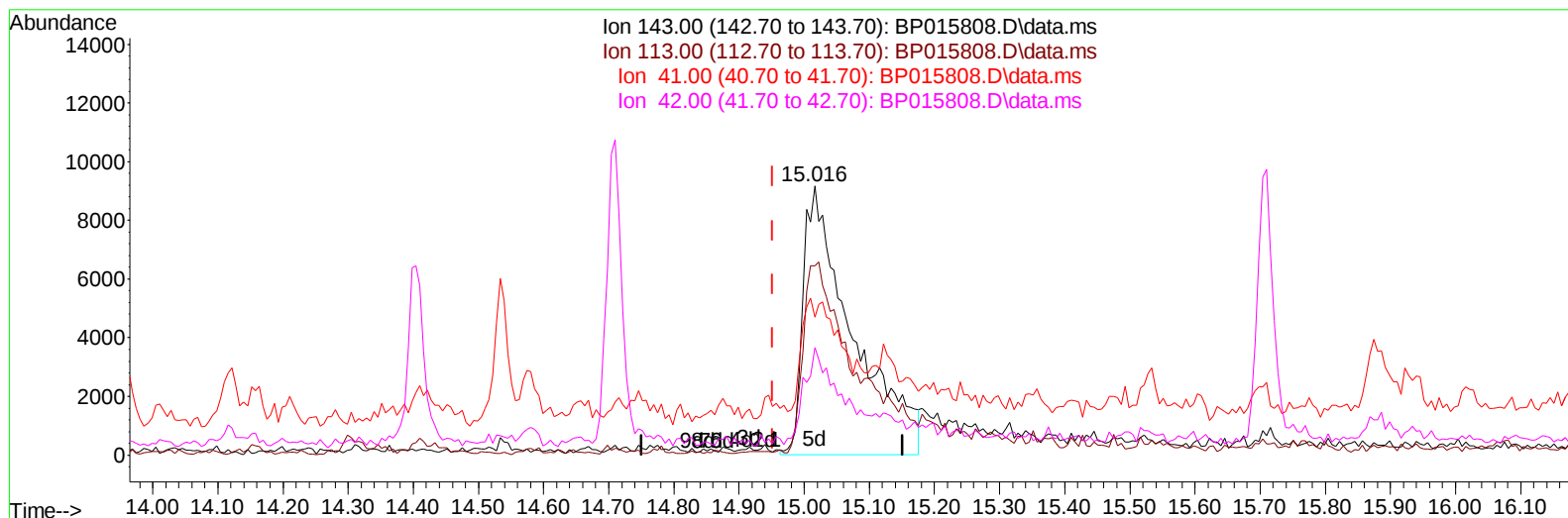
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
Data File : BP015808.D
Acq On : 29 Jun 2023 13:31
Operator : MA/JU
Sample : 03143-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFV4

Manual IntegrationsAPPROVED

Quant Time: Jun 29 23:13:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 29 02:30:23 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



TIC: BP015808.D\data.ms

(54) 4-Nitrophenol-d4 (S)

15.016min (+ 0.065) 10.68 ng/ul m

response 47584

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	94.00	70.49#
41.00	45.70	51.38
42.00	31.20	40.07#

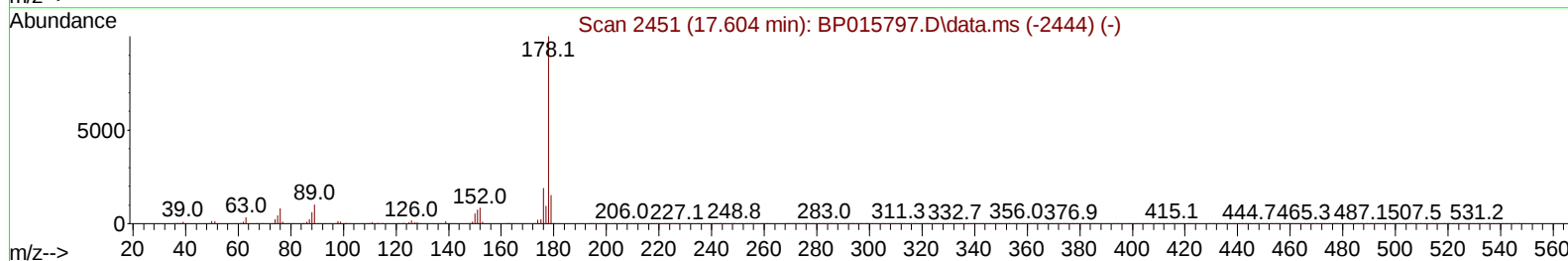
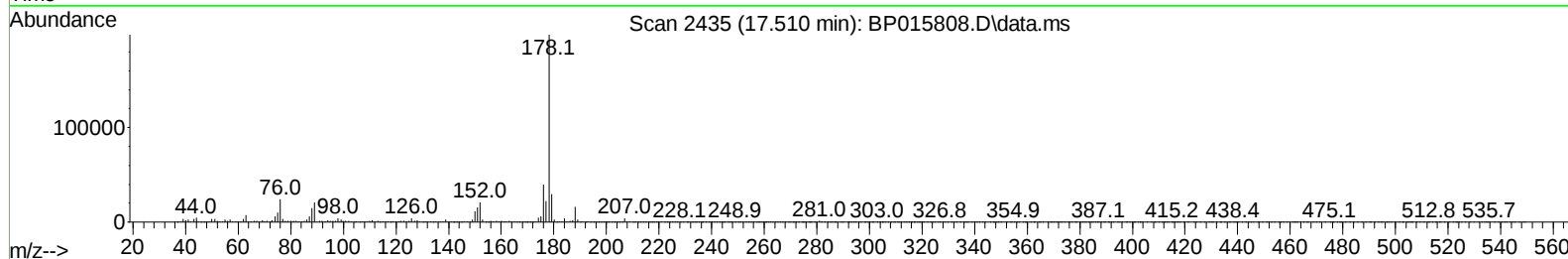
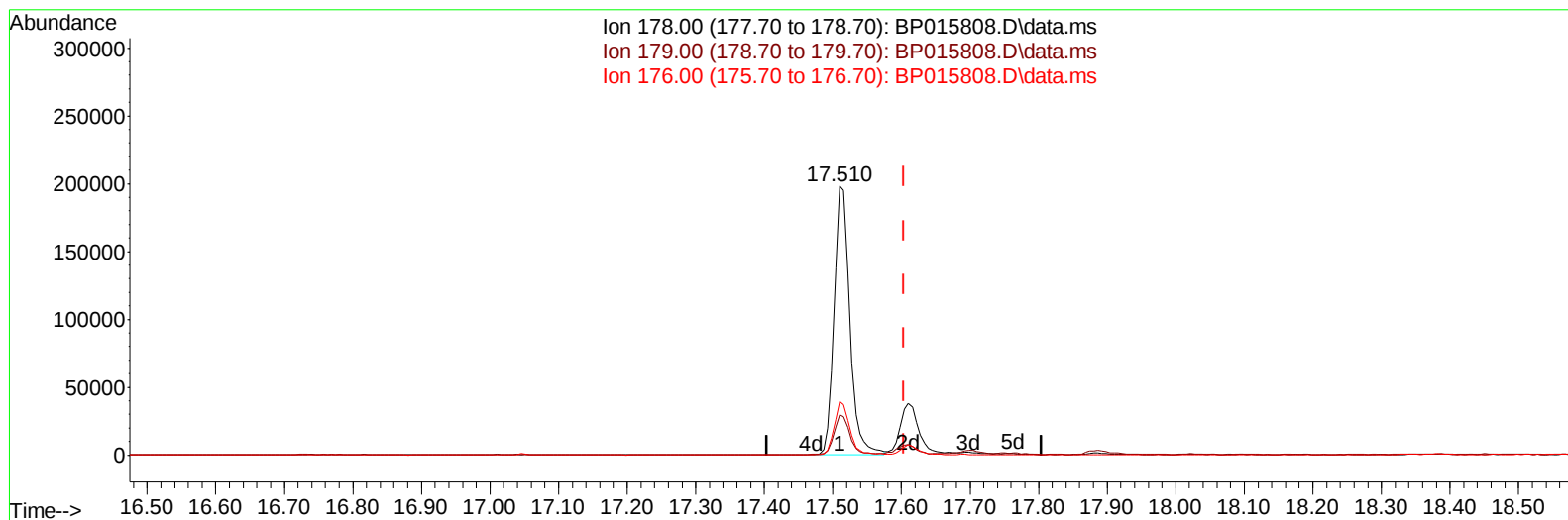
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
 Data File : BP015808.D
 Acq On : 29 Jun 2023 13:31
 Operator : MA/JU
 Sample : 03143-17
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFV4

Manual IntegrationsAPPROVED

Quant Time: Jun 29 23:14:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 29 02:30:23 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023



TIC: BP015808.D\data.ms

(74) Anthracene

17.510min (-0.094) 6.66 ng/u1

response 315392

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.10	14.94
176.00	18.30	19.86
0.00	0.00	0.00

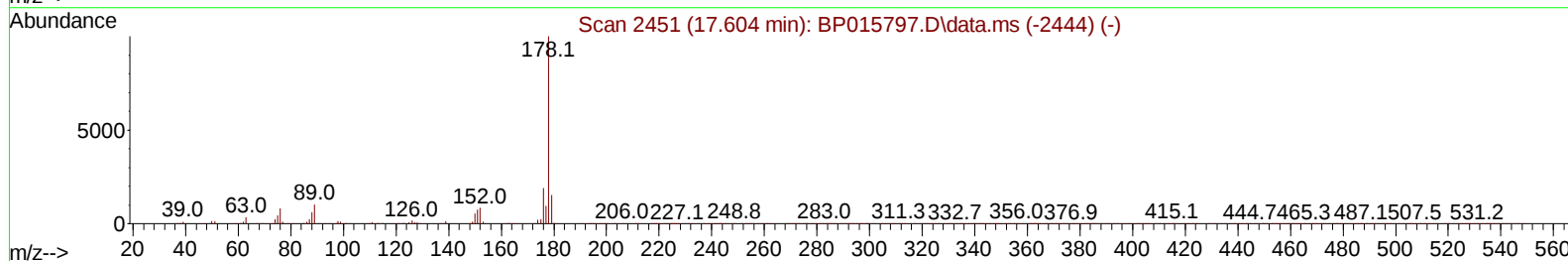
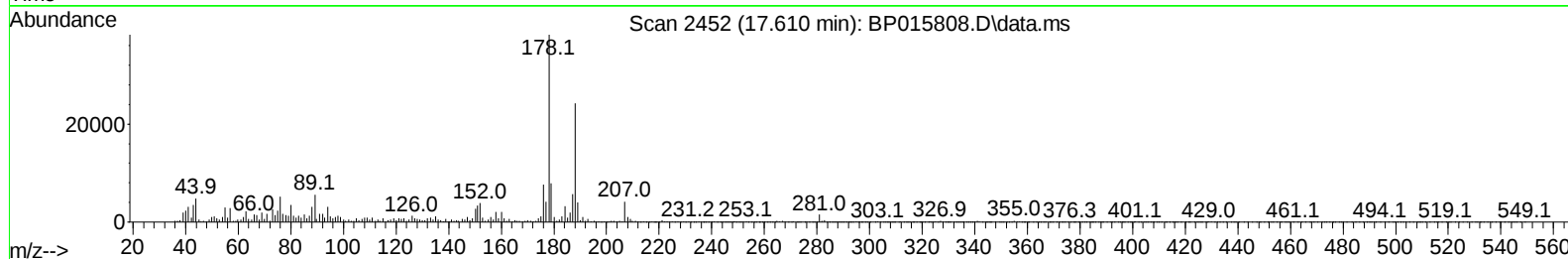
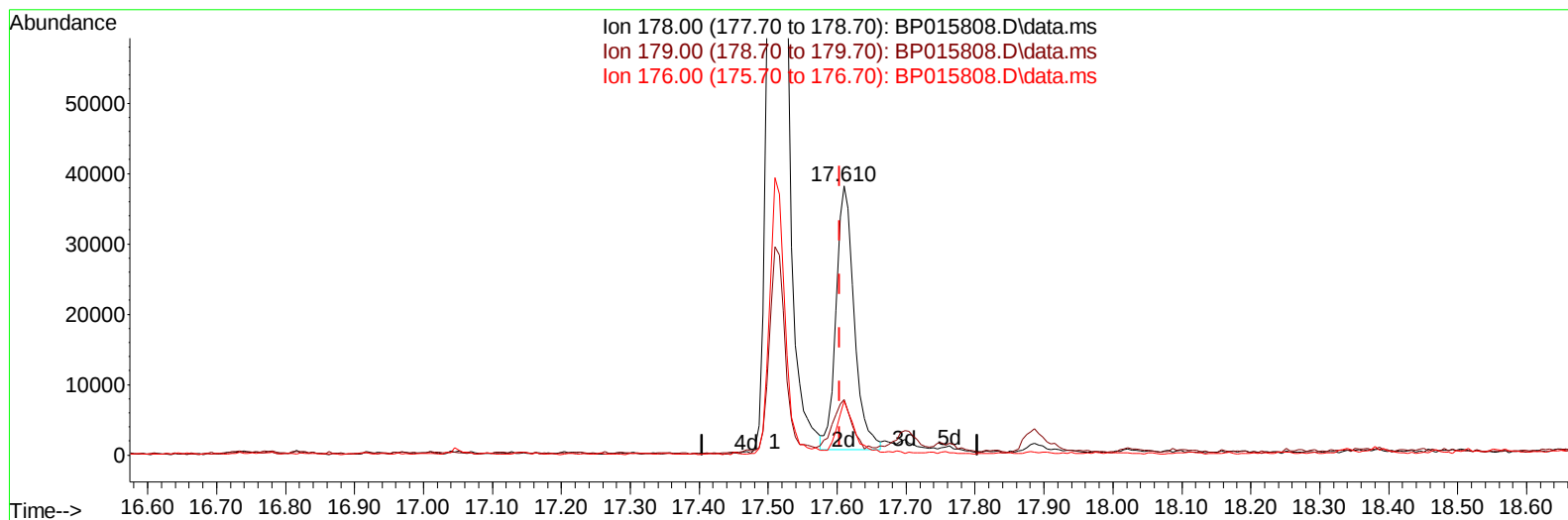
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
 Data File : BP015808.D
 Acq On : 29 Jun 2023 13:31
 Operator : MA/JU
 Sample : 03143-17
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFV4

Manual IntegrationsAPPROVED

Quant Time: Jun 29 23:14:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
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 QLast Update : Thu Jun 29 02:30:23 2023
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Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023



TIC: BP015808.D\data.ms

(74) Anthracene

17.610min (+ 0.006) 1.45 ng/u1 m

response 68617

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.10	20.75#
176.00	18.30	20.14
0.00	0.00	0.00

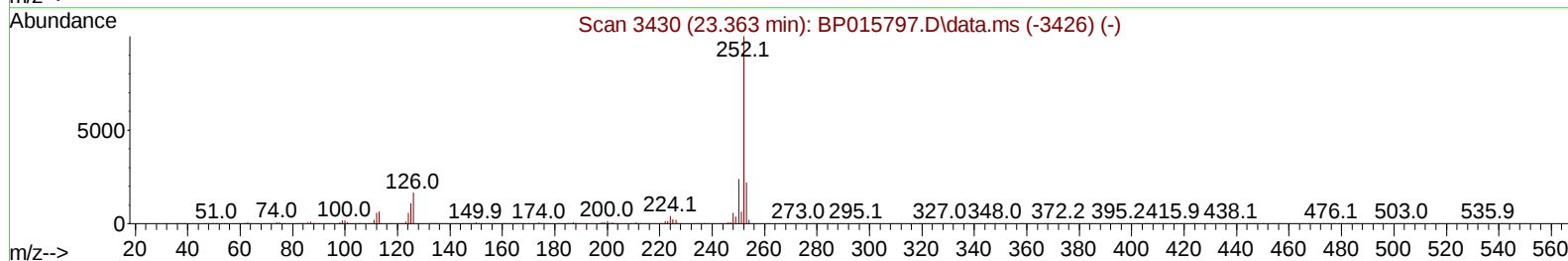
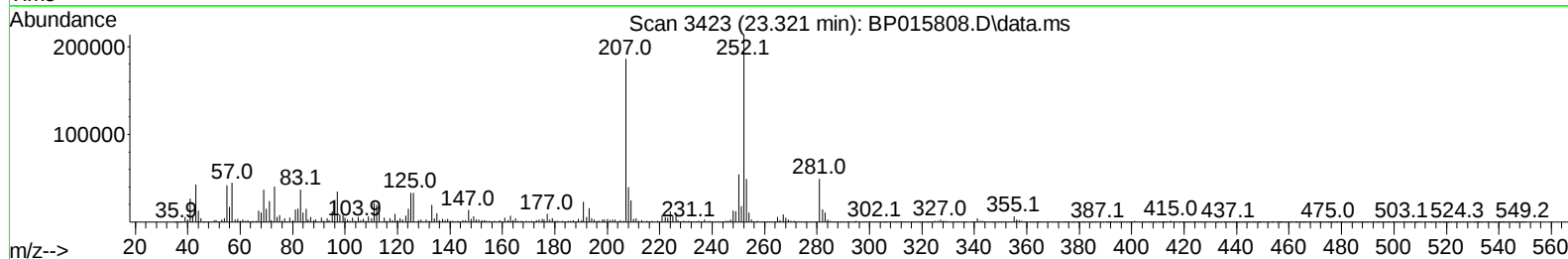
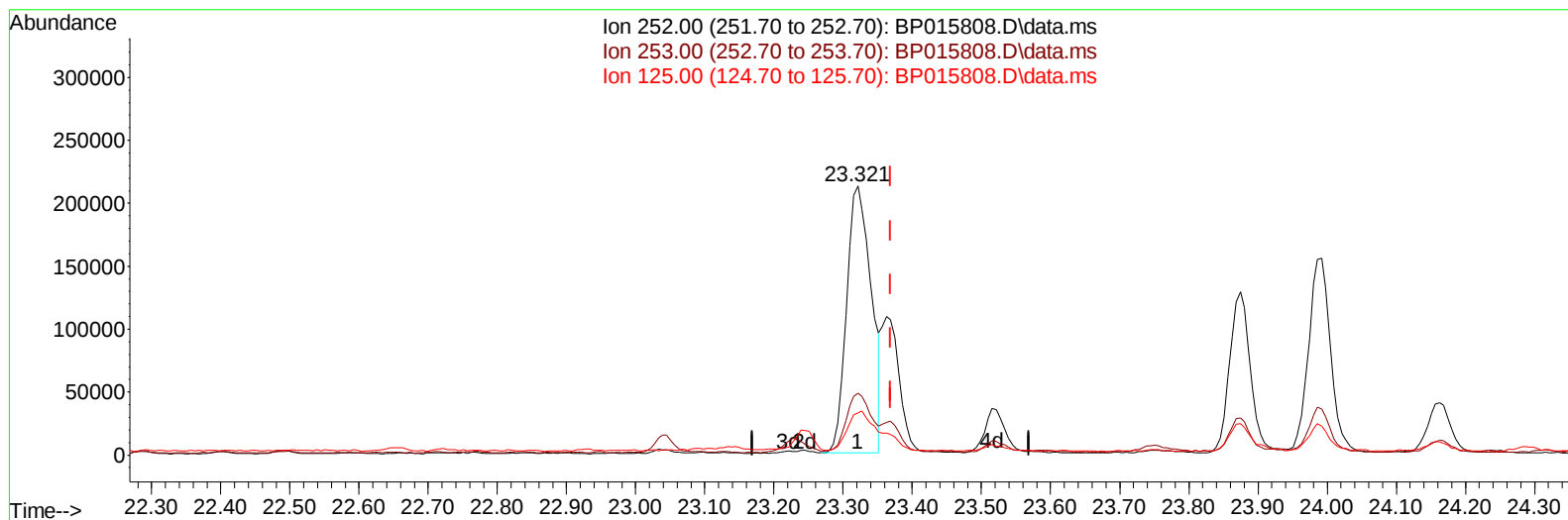
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Operator : MA/JU
Sample : 03143-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFV4

Manual IntegrationsAPPROVED

Quant Time: Jun 29 23:15:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
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Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



TIC: BP015808.D\data.ms

(91) Benzo(k)fluoranthene

23.321min (-0.047) 9.65 ng/u1

response 523346

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.20	22.95
125.00	9.10	15.70#
0.00	0.00	0.00

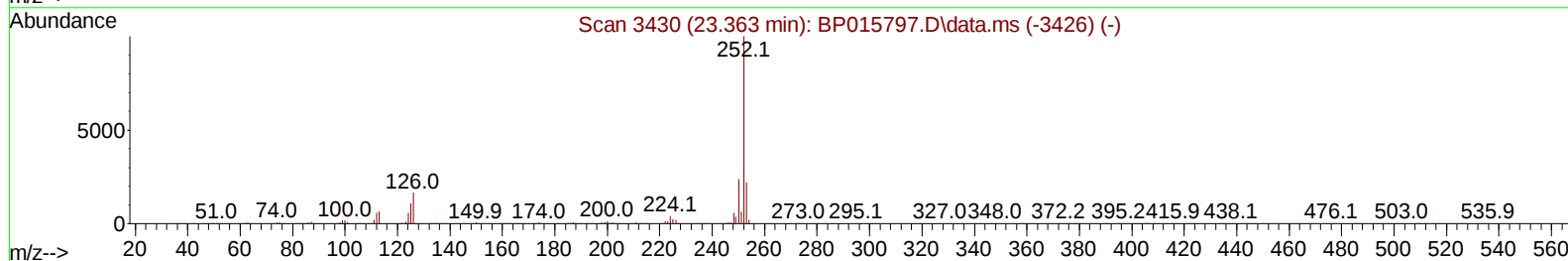
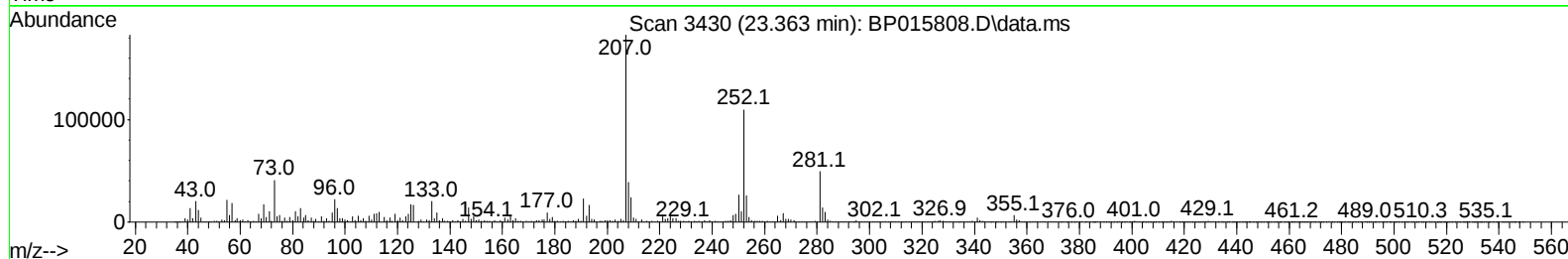
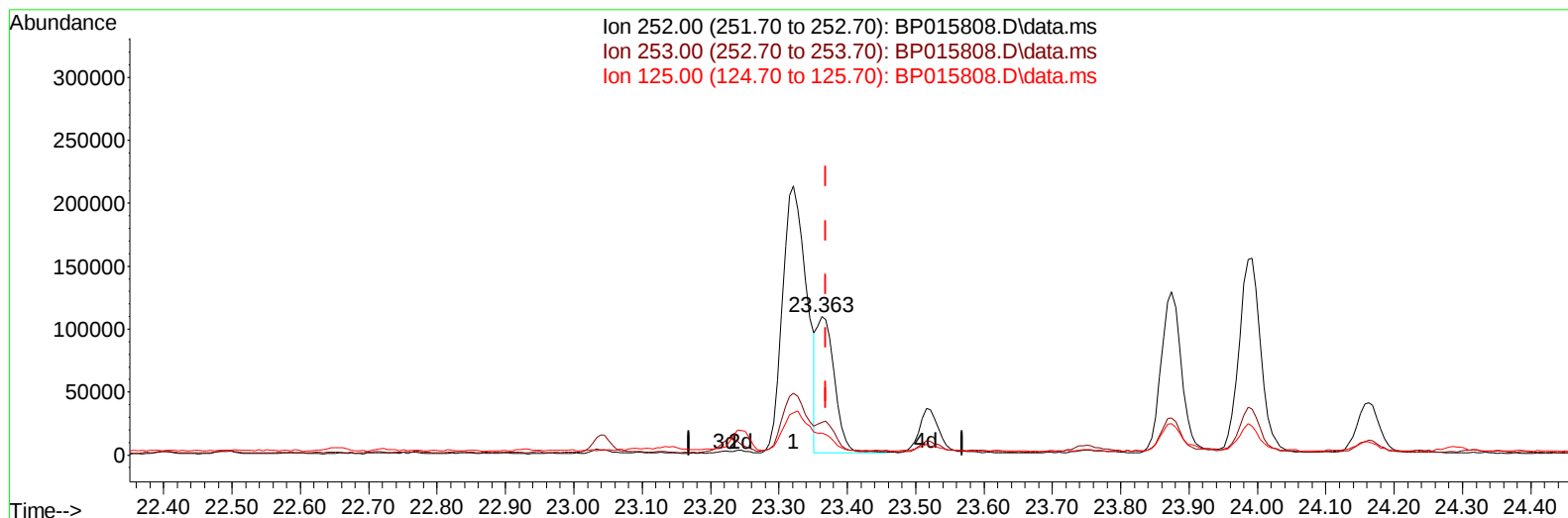
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Instrument :
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Manual IntegrationsAPPROVED

Quant Time: Jun 29 23:15:26 2023
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Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023



TIC: BP015808.D\data.ms

(91) Benzo(k)fluoranthene

23.363min (-0.006) 3.59 ng/u1 m

response 194688

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.20	23.49
125.00	9.10	16.05#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
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 Operator : MA/JU
 Sample : 03143-17
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFV4

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	188369	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	791623	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.710	164	436961	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	867563	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.557	240	724450	20.000	ng/ul	# 0.00
88) Perylene-d12	24.104	264	835523	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	16137	3.082	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.246	99	263901	16.374	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.387	67	183400	18.393	ng/ul	0.00
11) 2-Chlorophenol-d4	7.593	132	221513	18.207	ng/ul	0.00
15) 4-Methylphenol-d8	8.805	113	168433	13.229	ng/ul	0.02
21) Nitrobenzene-d5	9.252	128	103541	17.115	ng/ul	0.01
24) 2-Nitrophenol-d4	9.987	143	113054	16.011	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.557	165	180385	14.336	ng/ul	0.04
31) 4-Chloroaniline-d4	11.093	131	89810m	5.556	ng/ul	0.06
46) Dimethylphthalate-d6	14.122	166	649496	19.231	ng/ul	0.01
49) Acenaphthylene-d8	14.404	160	730900	19.251	ng/ul	0.00
54) 4-Nitrophenol-d4	15.016	143	47584m	10.676	ng/ul	0.06
60) Fluorene-d10	15.710	176	531488	19.112	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.881	200	52489	9.838	ng/ul	0.02
73) Anthracene-d10	17.575	188	737001	18.598	ng/ul	0.00
81) Pyrene-d10	19.798	212	881469	18.634	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.933	264	833244	19.770	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.510	178	315365	6.691	ng/ul	99
74) Anthracene	17.610	178	68617m	1.449	ng/ul	
80) Fluoranthene	19.469	202	644624	10.965	ng/ul#	91
82) Pyrene	19.828	202	526722	8.783	ng/ul#	91
85) Benzo(a)anthracene	21.539	228	298341	5.854	ng/ul	95
87) Chrysene	21.598	228	333139	6.890	ng/ul	97
90) Benzo(b)fluoranthene	23.321	252	523346	9.748	ng/ul#	93
91) Benzo(k)fluoranthene	23.363	252	194688m	3.589	ng/ul	
93) Benzo(a)pyrene	23.992	252	342241	7.296	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	26.804	276	287616	4.516	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.804	278	73547	1.406	ng/ul#	71
96) Benzo(g,h,i)perylene	27.645	276	243562	4.649	ng/ul#	93

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

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