

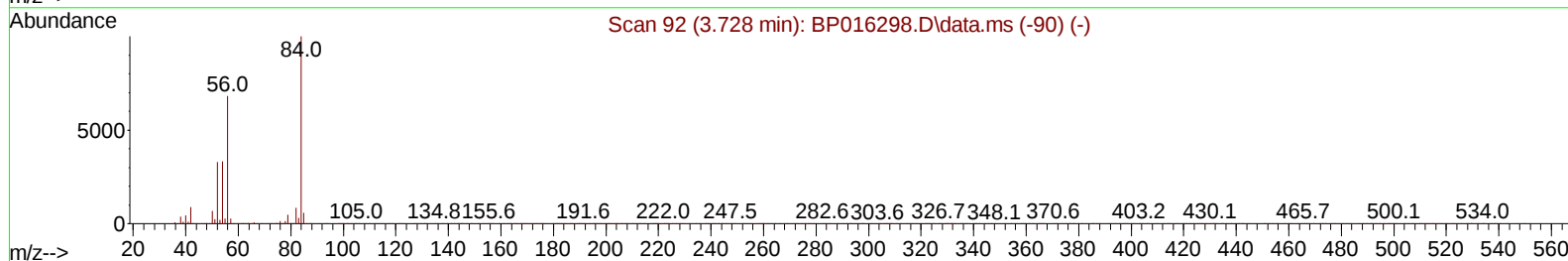
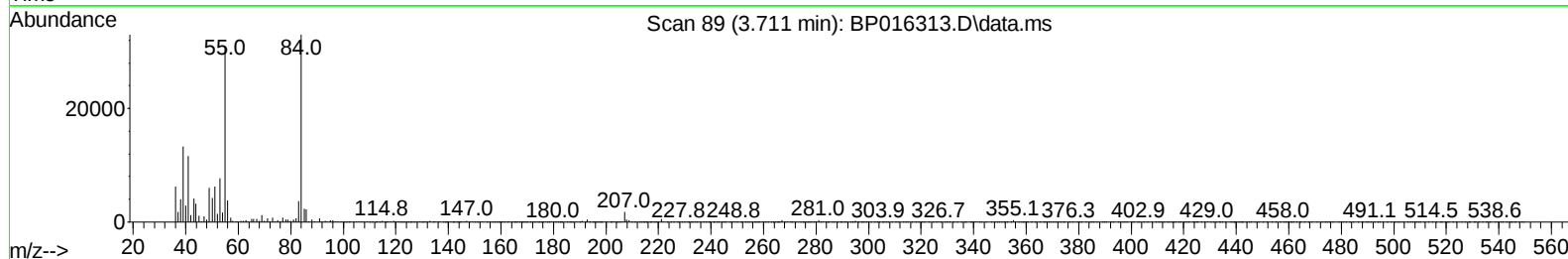
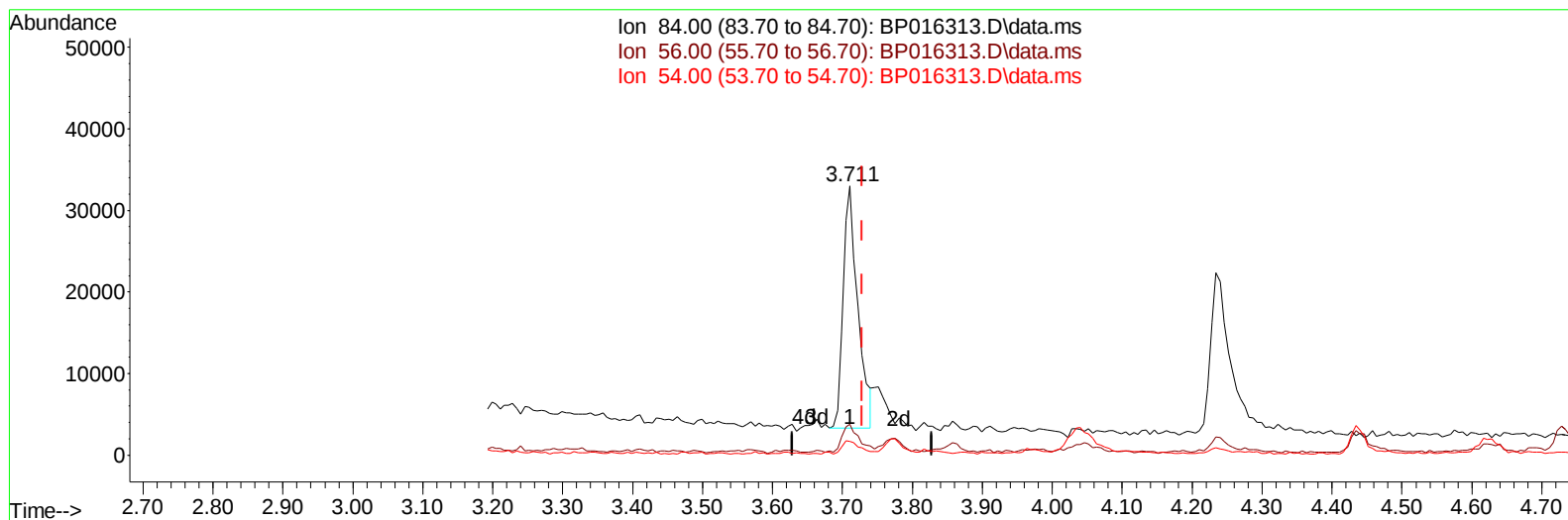
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
 Data File : BP016313.D
 Acq On : 19 Jul 2023 02:35
 Operator : MA/JU
 Sample : 03501-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46W5

Manual IntegrationsAPPROVED

Quant Time: Jul 19 03:34:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 19 01:28:59 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023



TIC: BP016313.D\data.ms

(4) Pyridine-d5 (S)

3.711min (-0.018) 2.55 ng/u1

response 43965

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	64.90	11.43#
54.00	32.50	5.20#
0.00	0.00	0.00

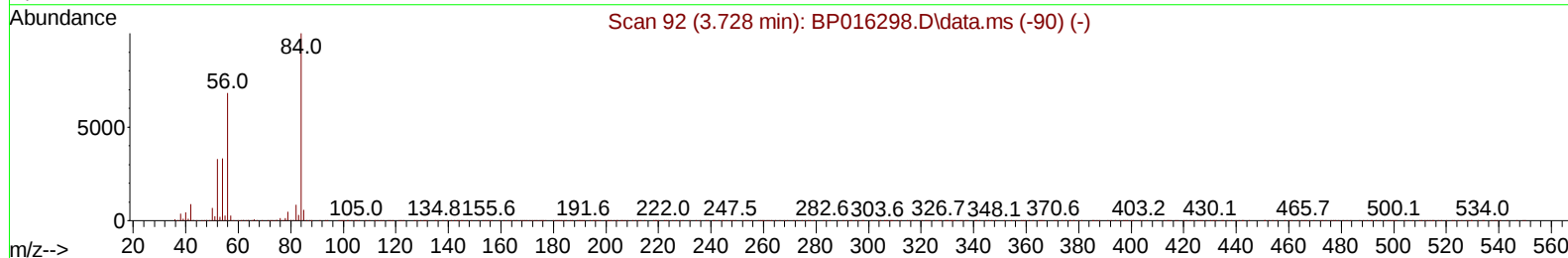
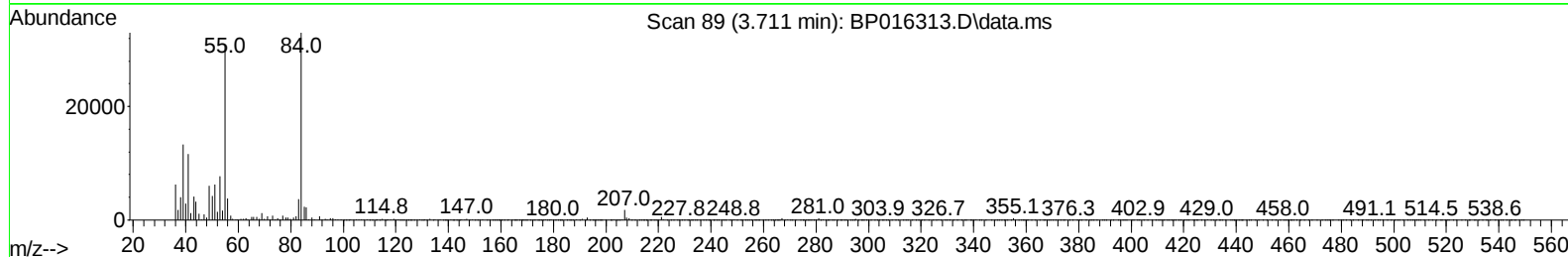
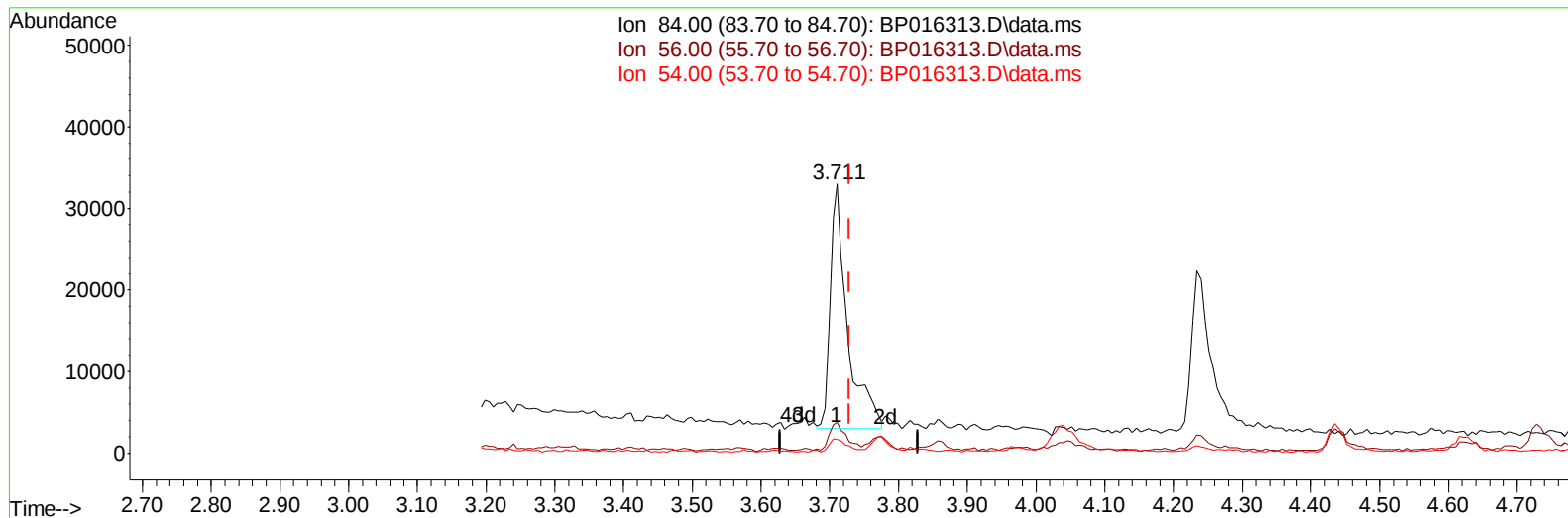
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
 Data File : BP016313.D
 Acq On : 19 Jul 2023 02:35
 Operator : MA/JU
 Sample : 03501-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46W5

Manual IntegrationsAPPROVED

Quant Time: Jul 19 03:34:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 19 01:28:59 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023



TIC: BP016313.D\data.ms

(4) Pyridine-d5 (S)

3.711min (-0.018) 3.04 ng/ul m

response 52356

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	64.90	11.43#
54.00	32.50	5.20#
0.00	0.00	0.00

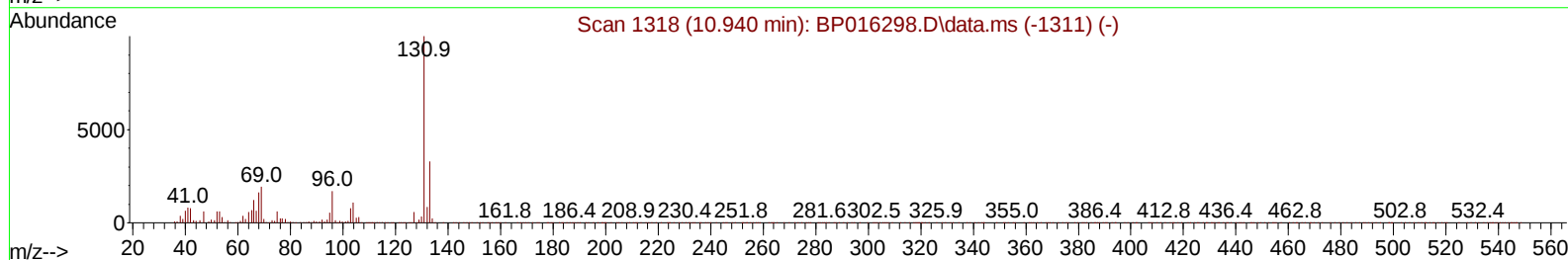
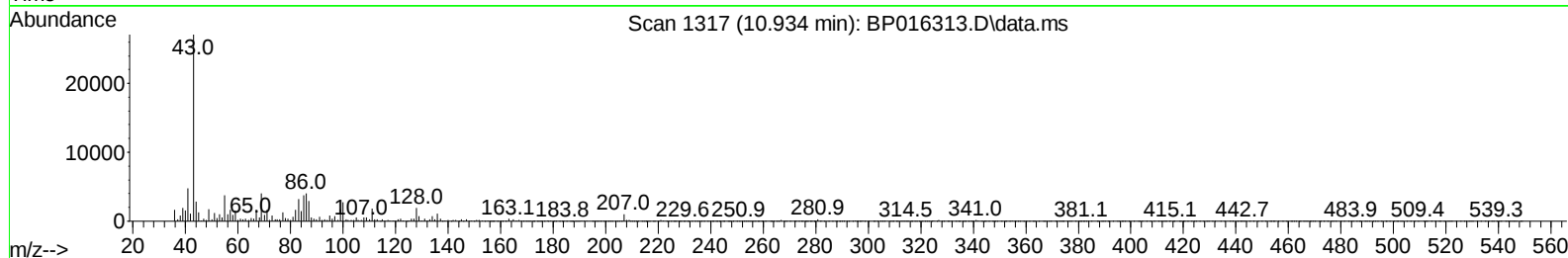
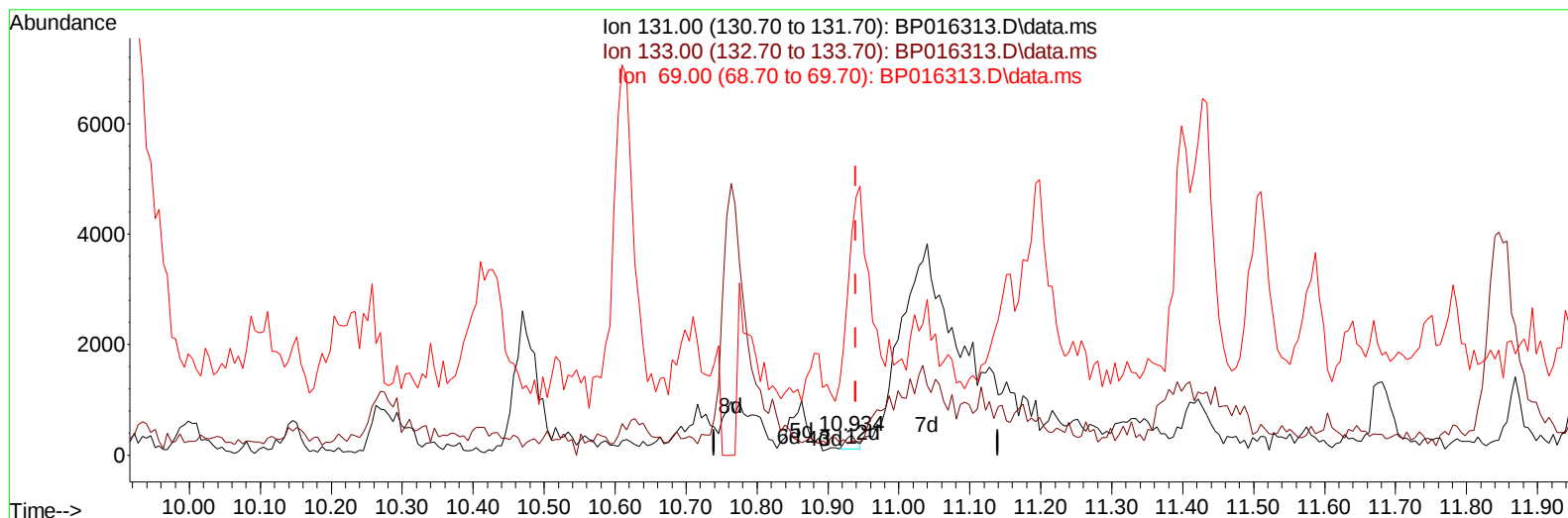
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
Data File : BP016313.D
Acq On : 19 Jul 2023 02:35
Operator : MA/JU
Sample : 03501-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46W5

Manual IntegrationsAPPROVED

Quant Time: Jul 19 03:54:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 19 01:28:59 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



TIC: BP016313.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.934min (-0.006) 0.01 ng/u1

response 268

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	31.50	73.39#
69.00	21.00	1119.89#
0.00	0.00	0.00

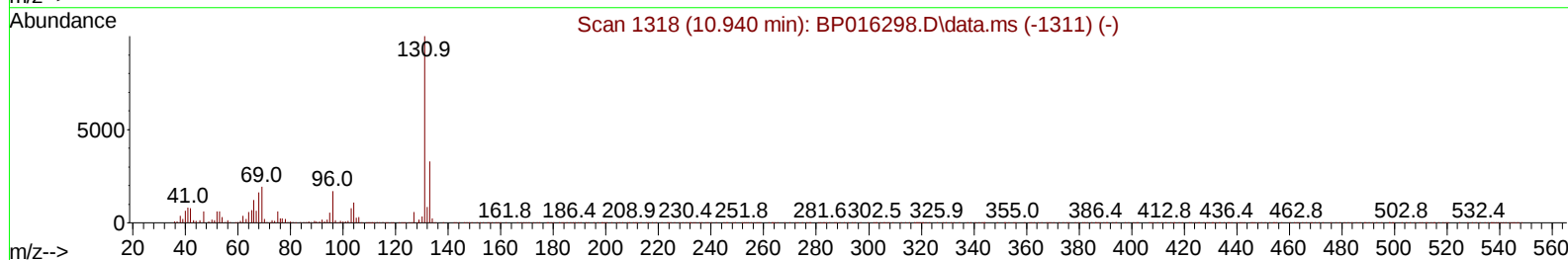
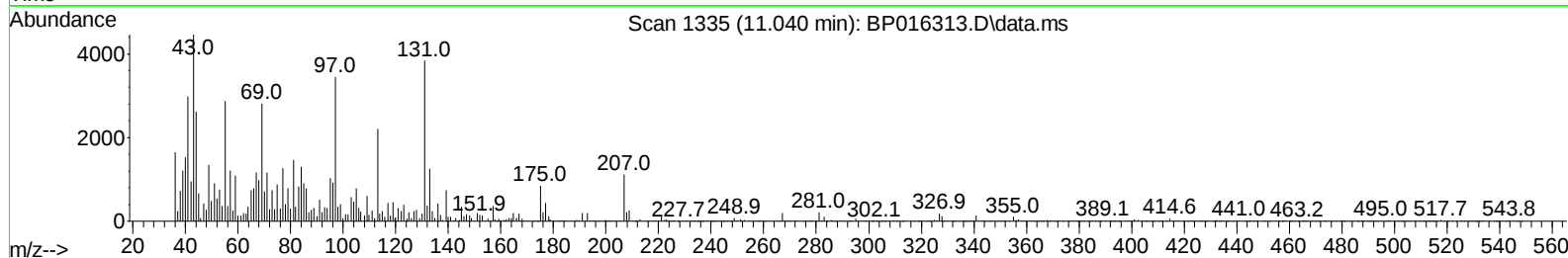
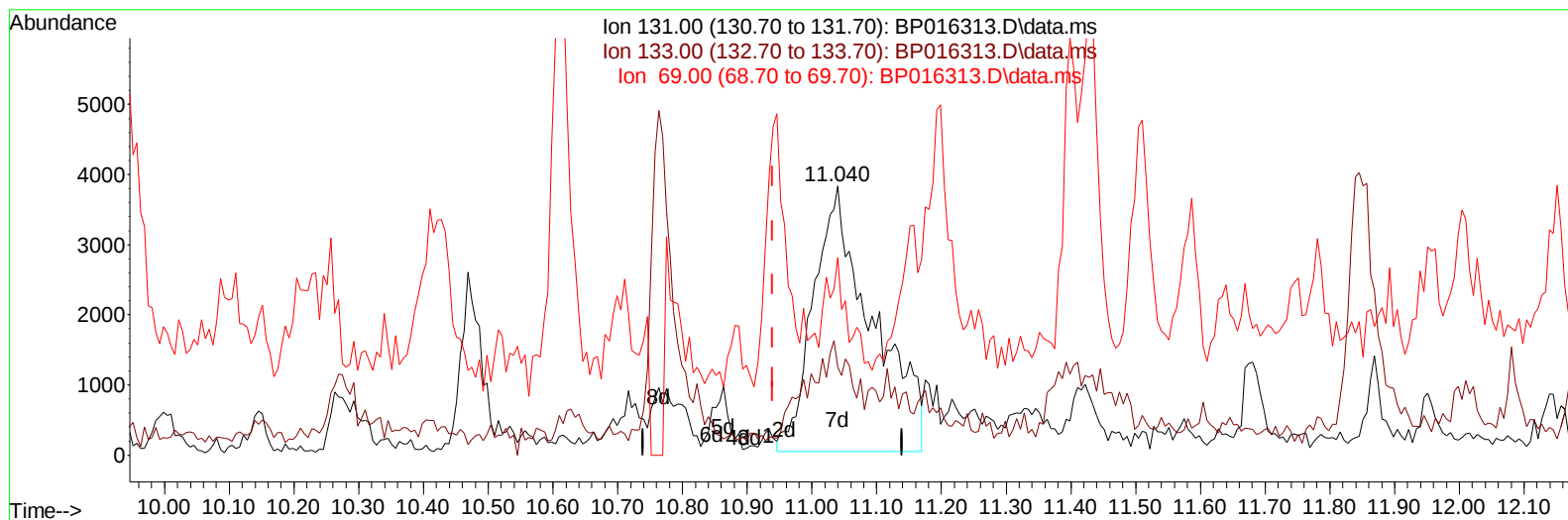
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
 Data File : BP016313.D
 Acq On : 19 Jul 2023 02:35
 Operator : MA/JU
 Sample : 03501-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46W5

Manual IntegrationsAPPROVED

Quant Time: Jul 19 03:54:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 19 01:28:59 2023
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Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023



TIC: BP016313.D\data.ms

(31) 4-Chloroaniline-d4 (S)

11.040min (+ 0.100) 0.97 ng/ul m

response 23870

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	31.50	32.76
69.00	21.00	73.50#
0.00	0.00	0.00

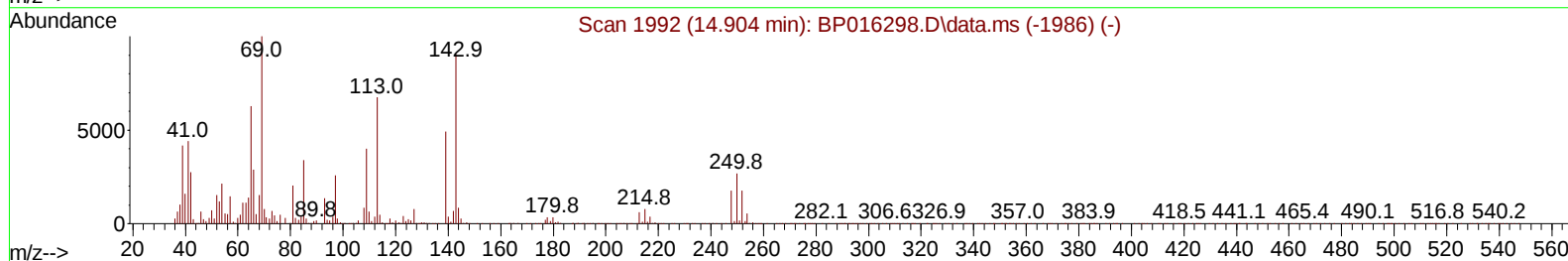
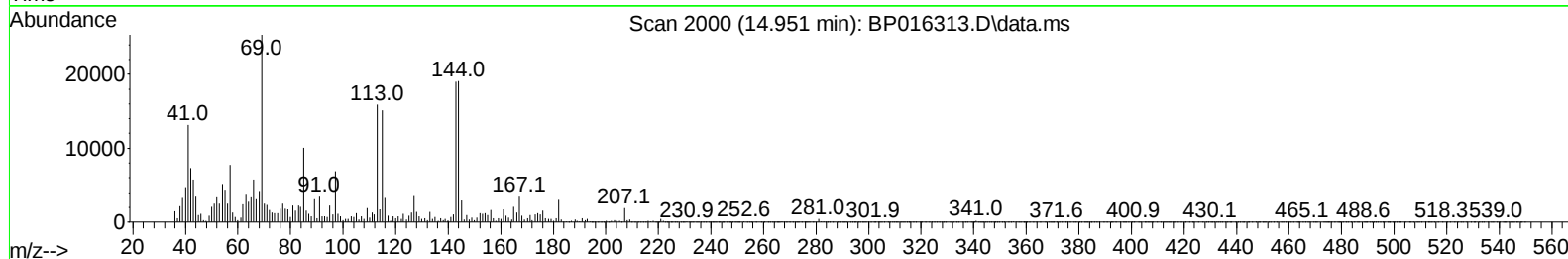
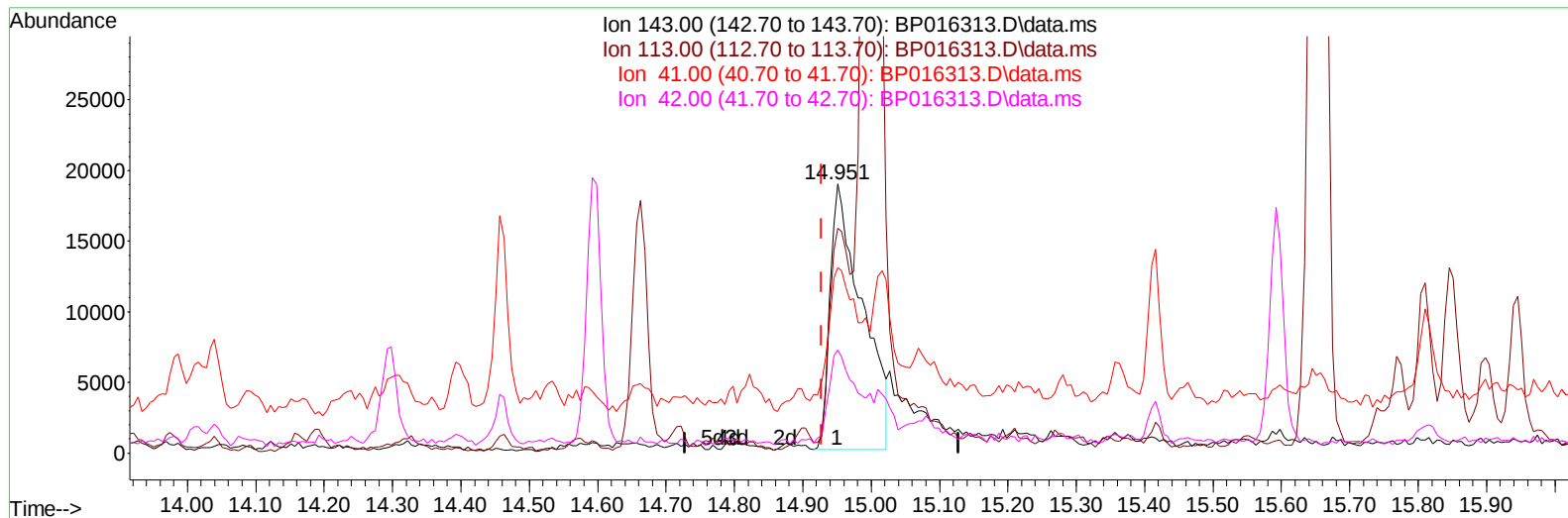
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
Data File : BP016313.D
Acq On : 19 Jul 2023 02:35
Operator : MA/JU
Sample : 03501-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46W5

Manual IntegrationsAPPROVED

Quant Time: Jul 19 03:54:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
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Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



TIC: BP016313.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.951min (+ 0.023) 5.55 ng/u1

response 61208

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	79.50	83.57
41.00	49.30	69.03#
42.00	32.70	38.37

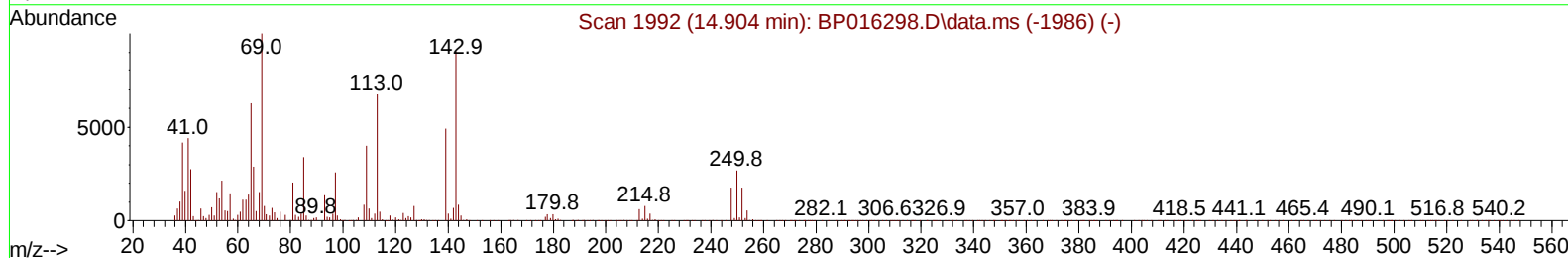
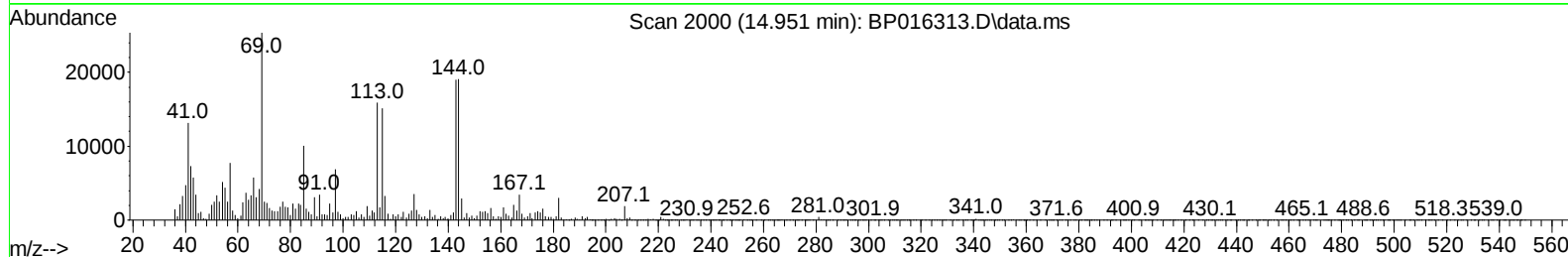
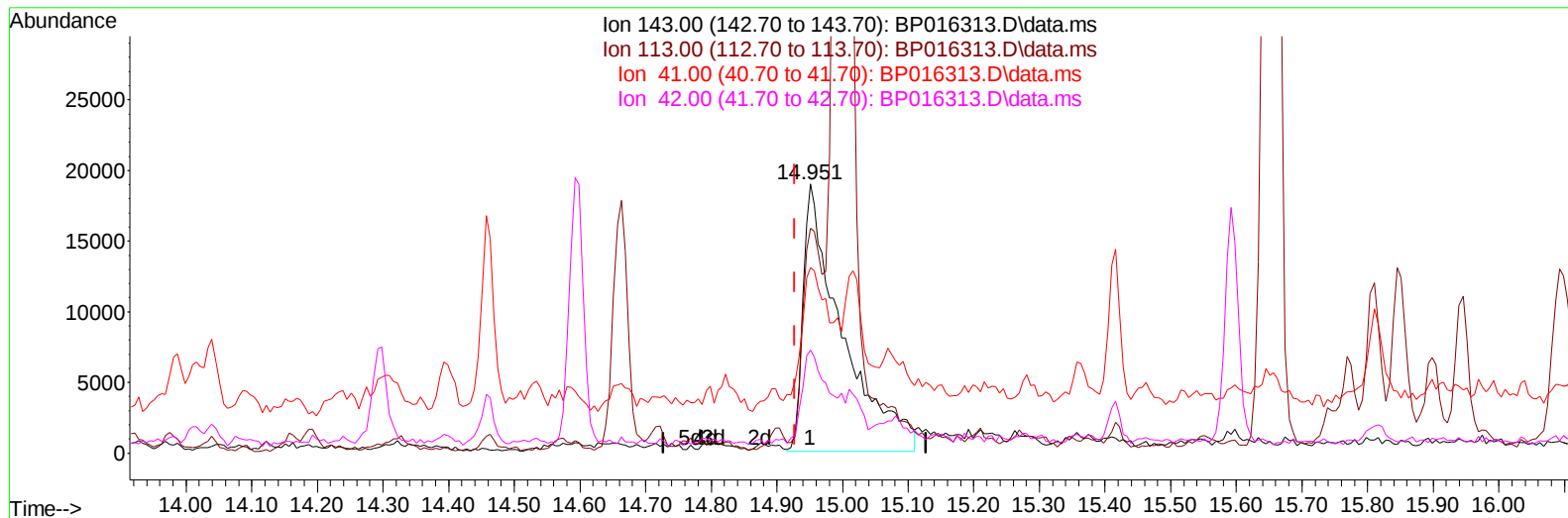
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
Data File : BP016313.D
Acq On : 19 Jul 2023 02:35
Operator : MA/JU
Sample : 03501-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46W5

Manual IntegrationsAPPROVED

Quant Time: Jul 19 03:54:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 19 01:28:59 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



TIC: BP016313.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.951min (+ 0.023) 7.06 ng/ul m

response 77779

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	79.50	83.57
41.00	49.30	69.03#
42.00	32.70	38.37

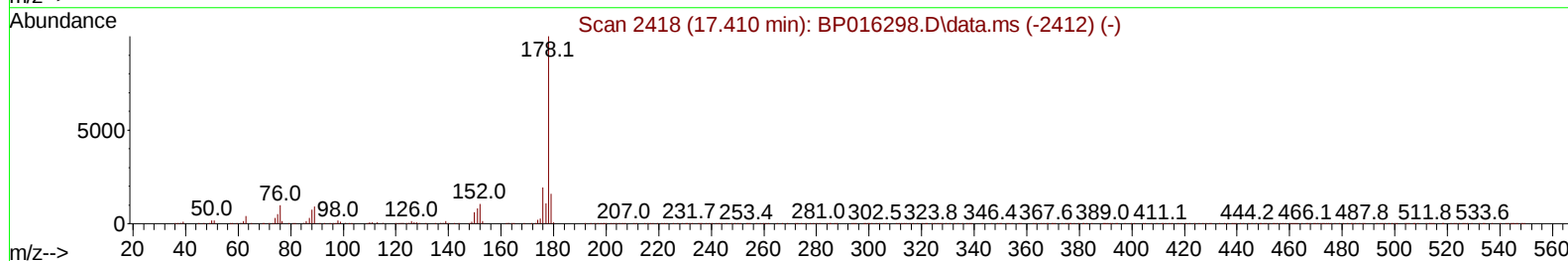
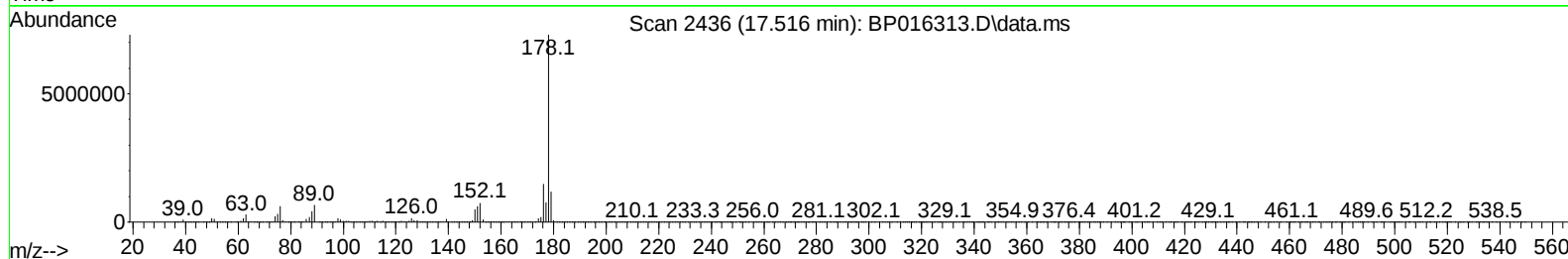
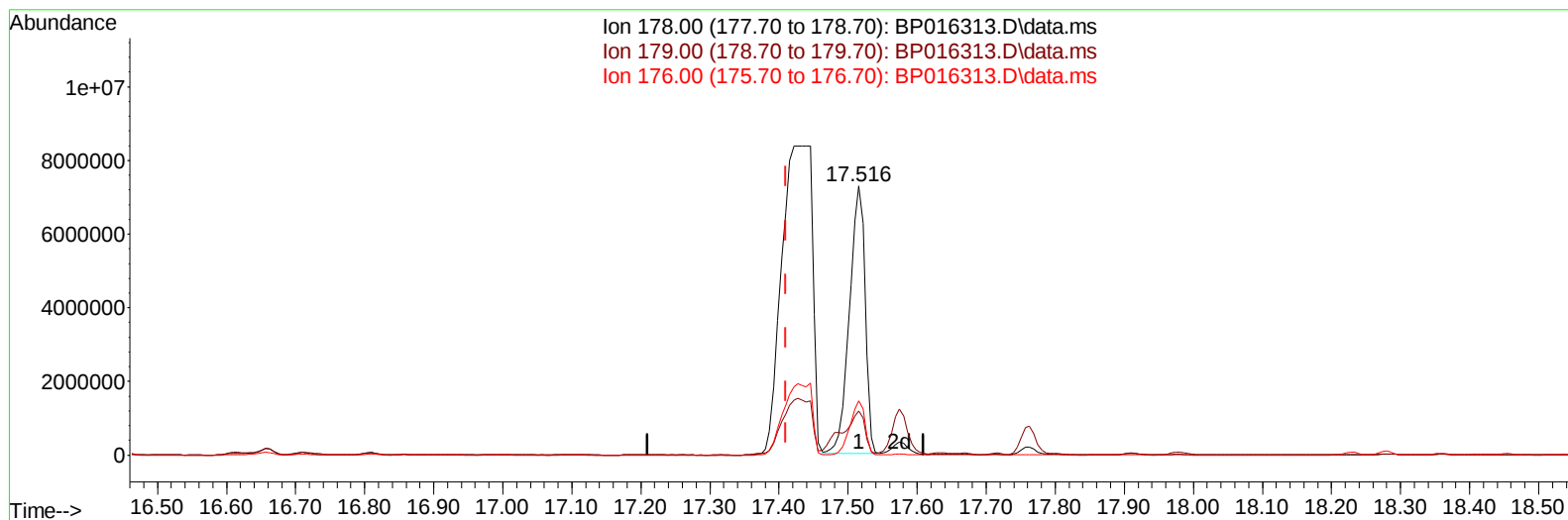
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
 Data File : BP016313.D
 Acq On : 19 Jul 2023 02:35
 Operator : MA/JU
 Sample : 03501-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46W5

Manual IntegrationsAPPROVED

Quant Time: Jul 19 03:55:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 19 01:28:59 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023



TIC: BP016313.D\data.ms

(72) Phenanthrene

17.516min (+ 0.106) 170.00 ng/u1

response 11433006

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	16.39
176.00	19.50	20.21
0.00	0.00	0.00

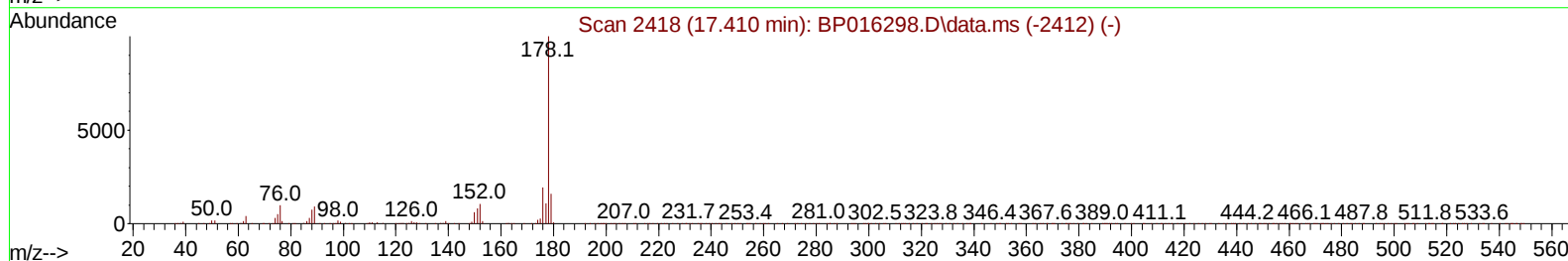
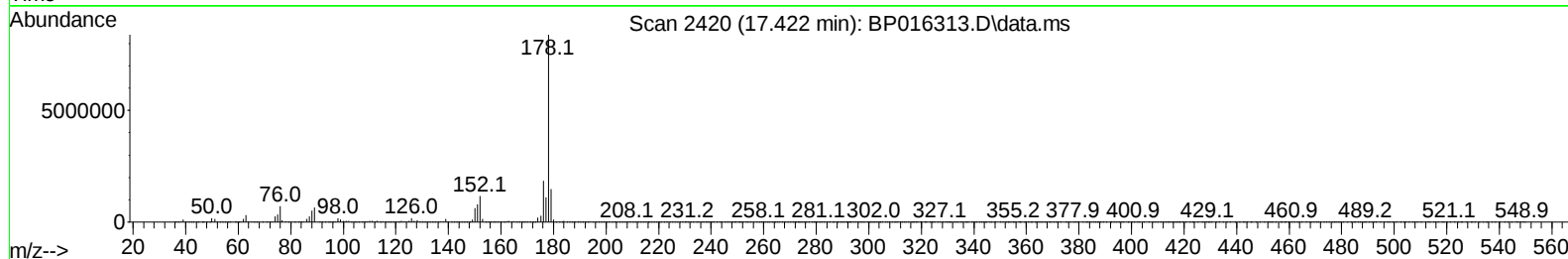
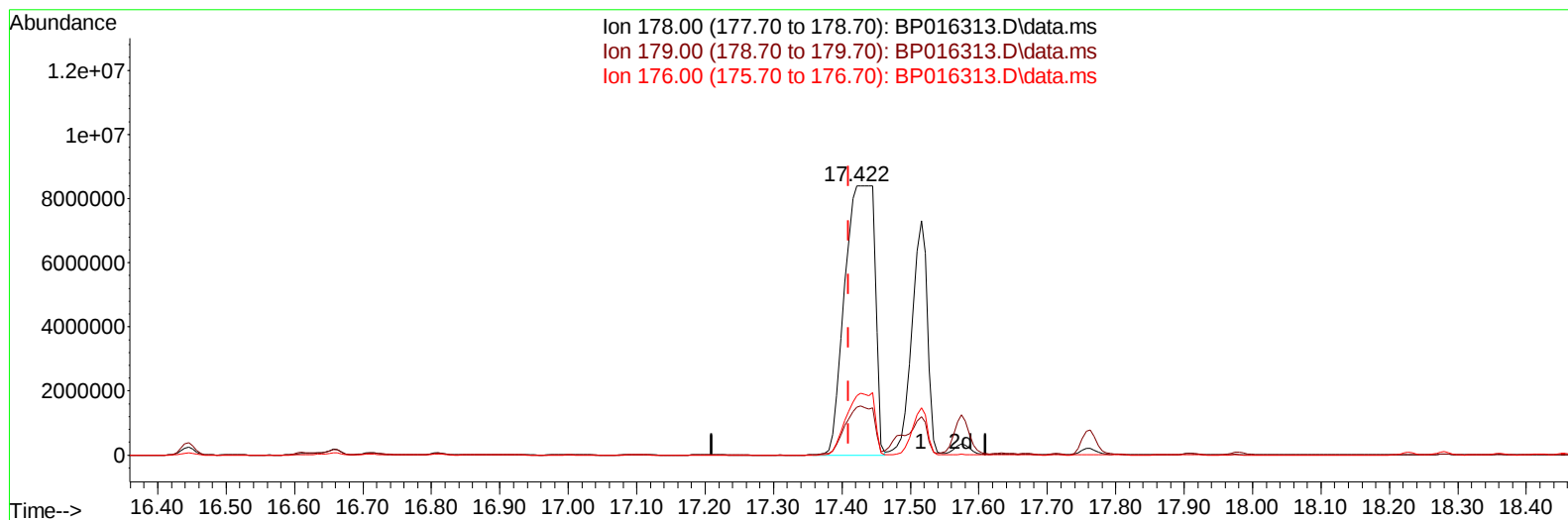
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
 Data File : BP016313.D
 Acq On : 19 Jul 2023 02:35
 Operator : MA/JU
 Sample : 03501-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46W5

Manual IntegrationsAPPROVED

Quant Time: Jul 19 03:55:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 19 01:28:59 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023



TIC: BP016313.D\data.ms

(72) Phenanthrene

17.422min (+ 0.012) 380.61 ng/u1 m

response 25597414

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	17.74
176.00	19.50	22.14
0.00	0.00	0.00

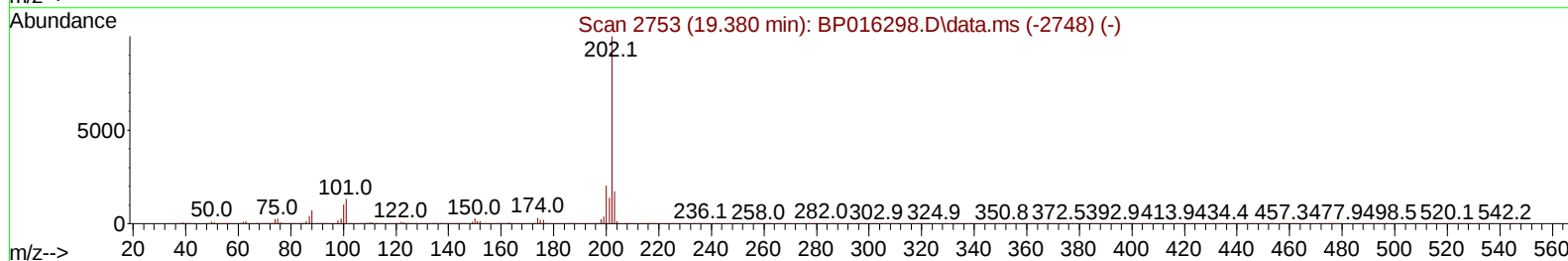
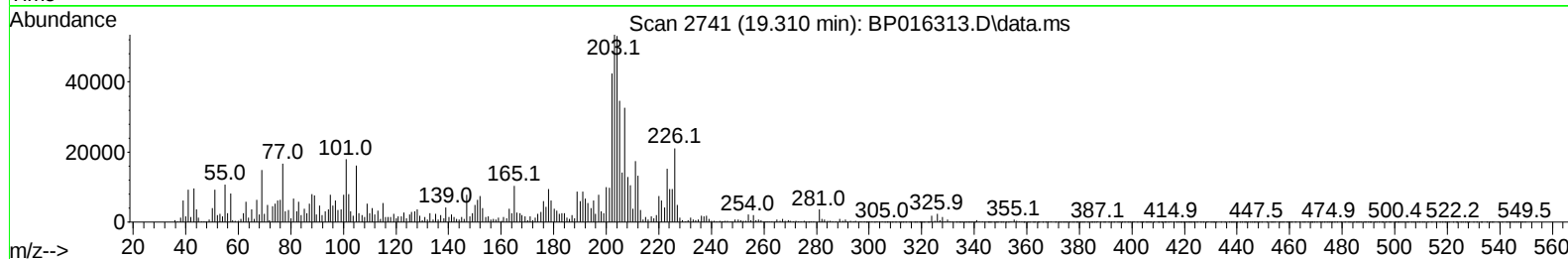
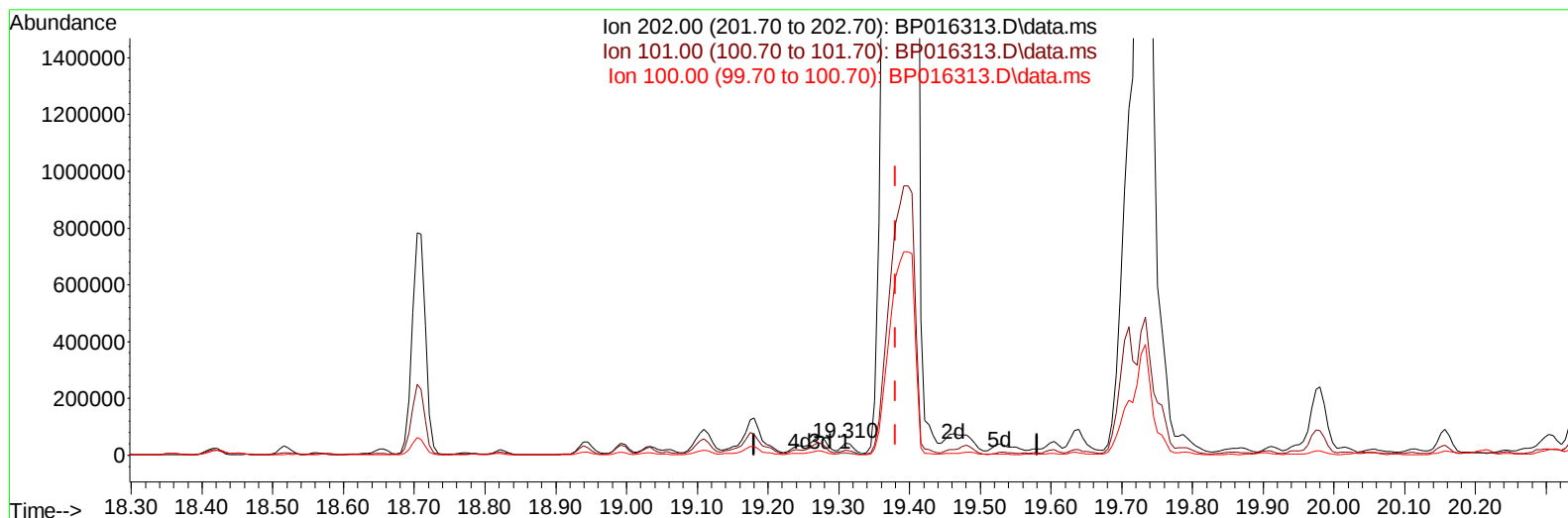
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
 Data File : BP016313.D
 Acq On : 19 Jul 2023 02:35
 Operator : MA/JU
 Sample : 03501-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46W5

Manual IntegrationsAPPROVED

Quant Time: Jul 19 03:55:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
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TIC: BP016313.D\data.ms

(80) Fluoranthene

19.310min (-0.071) 0.90 ng/u1

response 40351

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.00	42.19#
100.00	10.30	18.45#
0.00	0.00	0.00

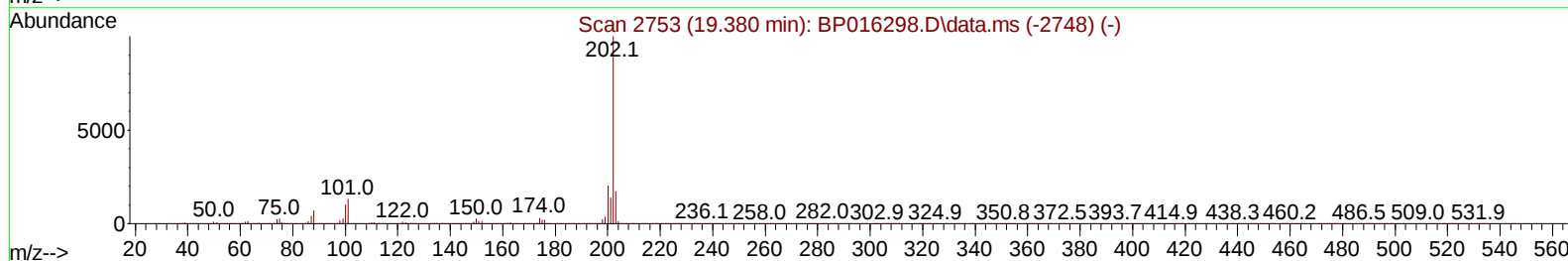
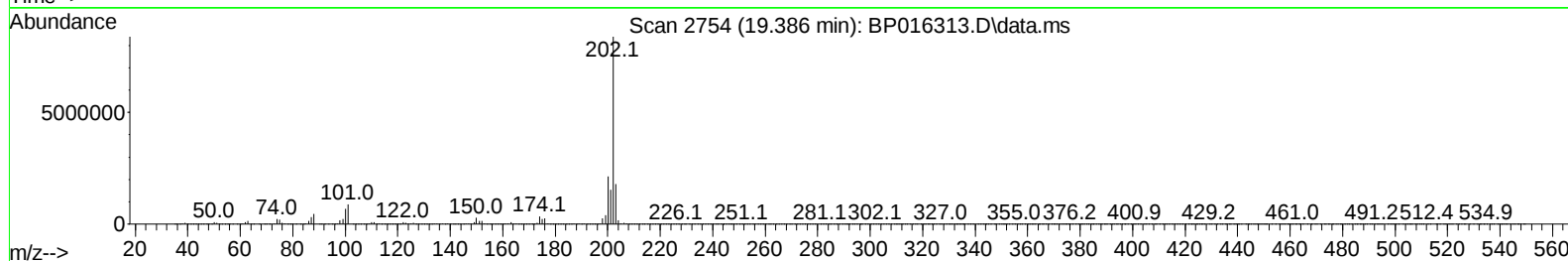
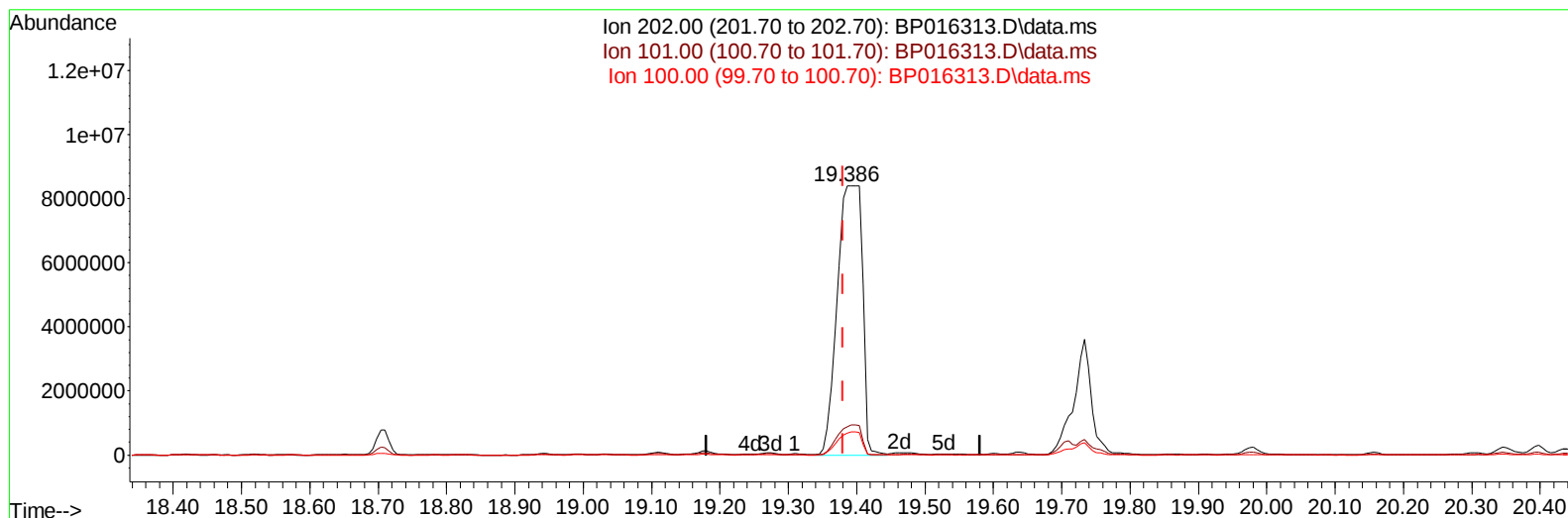
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
 Data File : BP016313.D
 Acq On : 19 Jul 2023 02:35
 Operator : MA/JU
 Sample : 03501-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jul 19 03:55:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 19 01:28:59 2023
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Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023



TIC: BP016313.D\data.ms

(80) Fluoranthene

19.386min (+ 0.006) 478.14 ng/ul m

response 21443914

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.00	10.51
100.00	10.30	8.12#
0.00	0.00	0.00

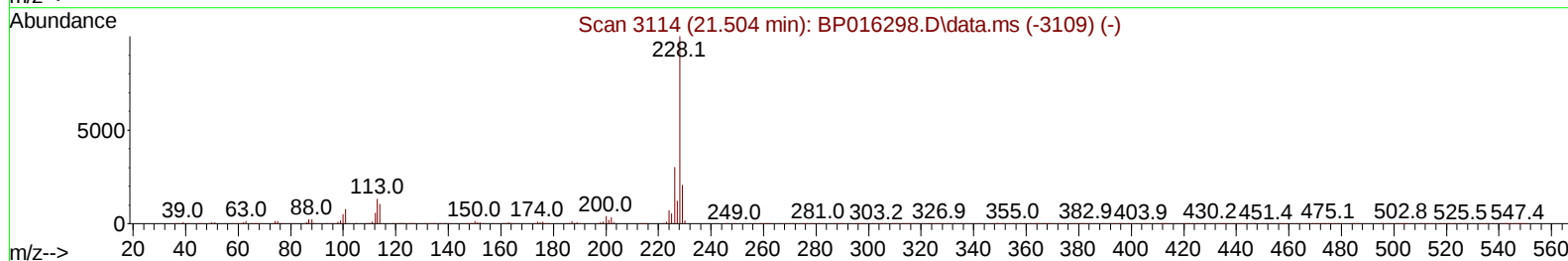
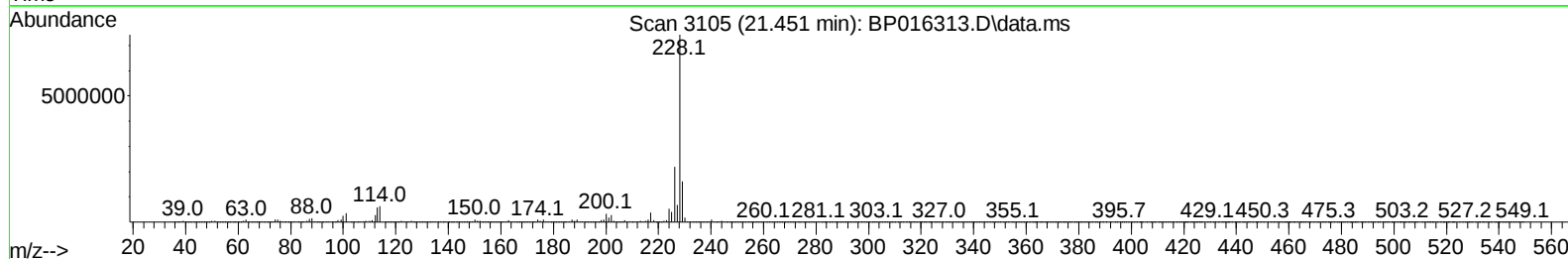
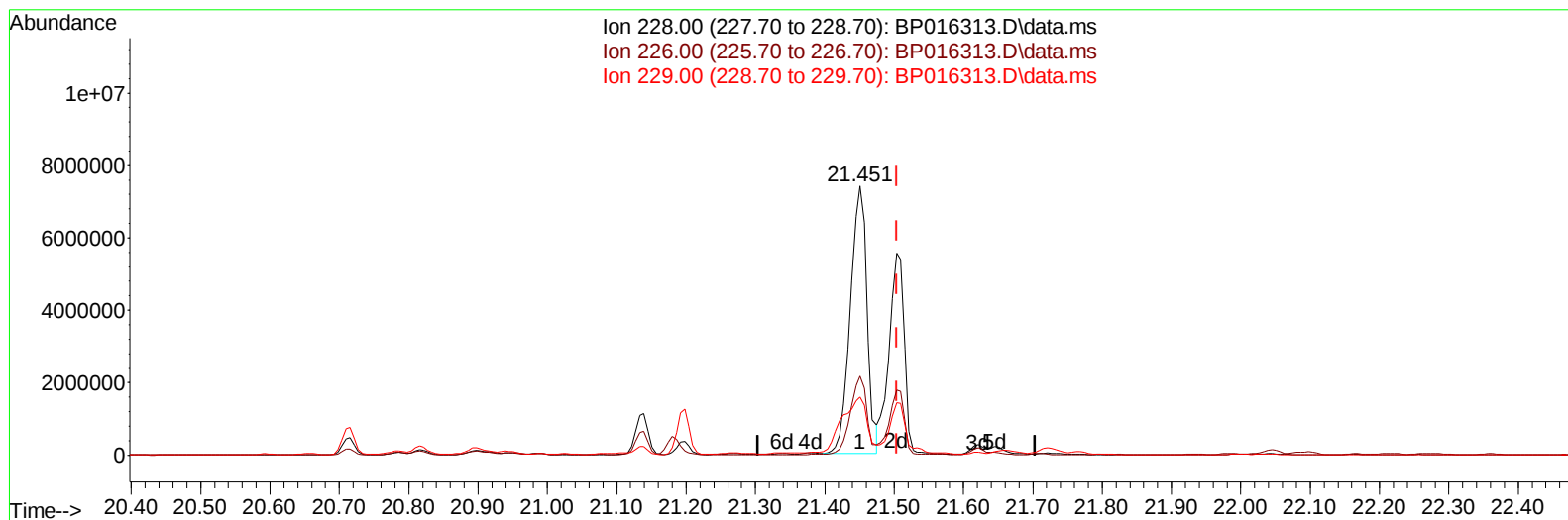
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
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 Sample : 03501-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jul 19 03:55:50 2023
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 Supervised By :mohammad ahmed 07/19/2023



TIC: BP016313.D\data.ms

(87) Chrysene

21.451min (-0.053) 252.46 ng/u1

response 12309570

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	29.34
229.00	19.40	21.58
0.00	0.00	0.00

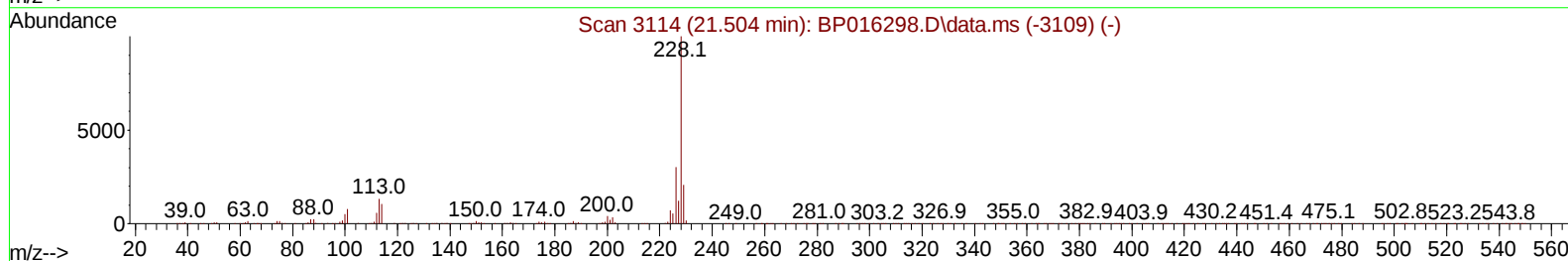
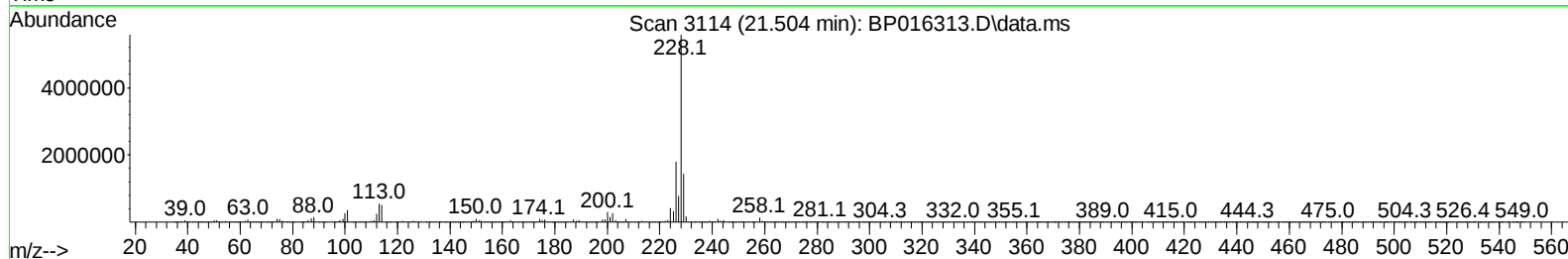
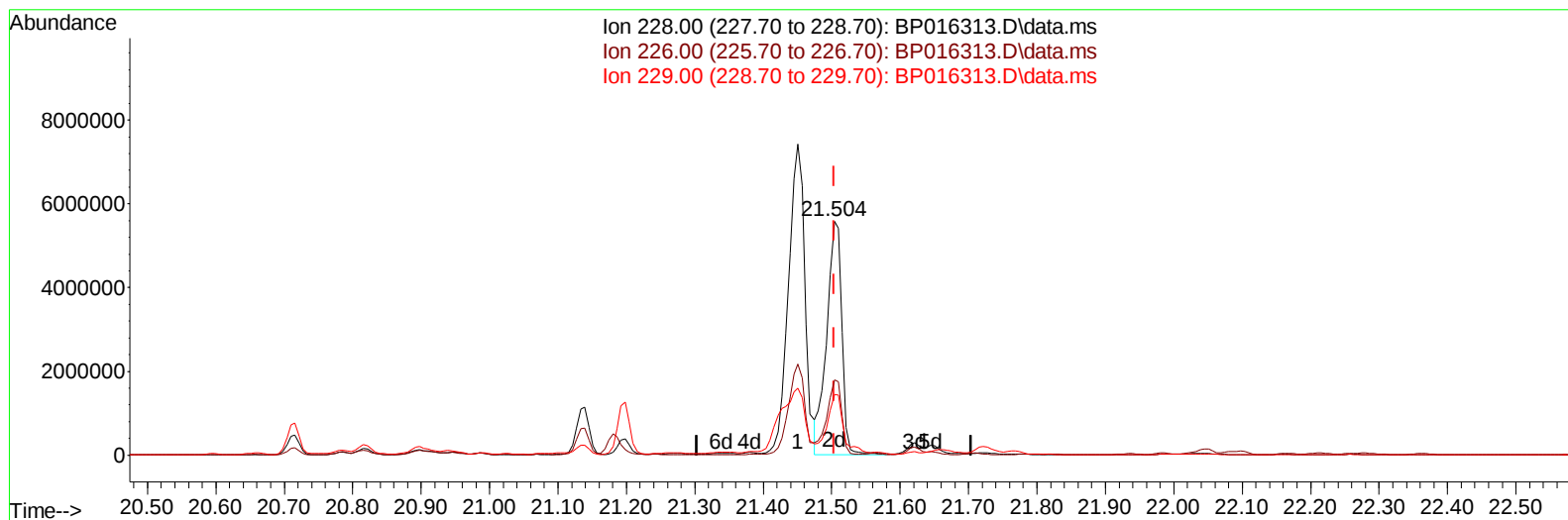
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
 Data File : BP016313.D
 Acq On : 19 Jul 2023 02:35
 Operator : MA/JU
 Sample : 03501-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46W5

Manual IntegrationsAPPROVED

Quant Time: Jul 19 03:55:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 19 01:28:59 2023
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Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023



TIC: BP016313.D\data.ms

(87) Chrysene

21.504min (-0.000) 178.78 ng/ul m

response 8717098

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	32.16
229.00	19.40	25.92#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
 Data File : BP016313.D
 Acq On : 19 Jul 2023 02:35
 Operator : MA/JU
 Sample : 03501-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46W5

Manual IntegrationsAPPROVED

Quant Time: Jul 19 03:57:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 19 01:28:59 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	244421	20.000	ng/ul	0.00
20) Naphthalene-d8	10.763	136	1122603	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.598	164	708011	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.369	188	1290734	20.000	ng/ul	0.00
79) Chrysene-d12	21.468	240	739120	20.000	ng/ul	0.00
88) Perylene-d12	23.945	264	991177	20.000	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	14343	2.077	ng/uL	0.00
4) Pyridine-d5	3.711	84	52356m	3.039	ng/ul	-0.02
7) Phenol-d5	7.157	99	182838	8.282	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.281	67	205757	13.783	ng/ul	0.00
11) 2-Chlorophenol-d4	7.493	132	223101	13.999	ng/ul	0.02
15) 4-Methylphenol-d8	8.722	113	258914	14.558	ng/ul	0.03
21) Nitrobenzene-d5	9.151	128	117794	15.209	ng/ul	0.01
24) 2-Nitrophenol-d4	9.875	143	124431	14.097	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.469	165	187135	12.242	ng/ul	0.04
31) 4-Chloroaniline-d4	11.040	131	23870m	0.974	ng/ul	0.10
46) Dimethylphthalate-d6	14.010	166	841284	15.577	ng/ul	0.00
49) Acenaphthylene-d8	14.298	160	618546	10.451	ng/ul	0.00
54) 4-Nitrophenol-d4	14.951	143	77779m	7.057	ng/ul	0.02
60) Fluorene-d10	15.592	176	711800	15.748	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.810	200	26272	3.526	ng/ul	0.03
73) Anthracene-d10	17.474	188	608596	10.779	ng/ul	0.00
81) Pyrene-d10	19.698	212	133162	3.472	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.780	264	66738	1.402	ng/ul	-0.01
Target Compounds						
					Qvalue	
6) Benzaldehyde	7.122	77	60000	4.352	ng/ul	95
8) Phenol	7.193	94	176622	7.463	ng/ul	98
16) Acetophenone	8.798	105	640655	21.845	ng/ul	95
30) Naphthalene	10.816	128	240716	4.086	ng/ul	99
36) 2-Methylnaphthalene	12.434	142	174422	4.416	ng/ul	100
37) 1-Methylnaphthalene	12.651	142	109157	2.687	ng/ul	97
43) 1,1'-Biphenyl	13.445	154	97541	1.889	ng/ul	98
52) Acenaphthene	14.663	153	3066973	66.706	ng/ul	98
56) Dibenzofuran	15.004	168	3351872	53.522	ng/ul	99
61) Fluorene	15.657	166	6145653	117.470	ng/ul	99
72) Phenanthrene	17.422	178	25597414m	380.615	ng/ul	
74) Anthracene	17.516	178	11433006	169.182	ng/ul	97
77) Carbazole	17.780	167	1514121	24.574	ng/ul	97
80) Fluoranthene	19.386	202	21443914m	478.140	ng/ul	
82) Pyrene	19.733	202	6498941	135.725	ng/ul	95
85) Benzo(a)anthracene	21.451	228	12309570	255.753	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.321	149	269634	8.740	ng/ul	99
87) Chrysene	21.504	228	8717098m	178.783	ng/ul	
90) Benzo(b)fluoranthene	23.192	252	8953648	158.143	ng/ul	96
91) Benzo(k)fluoranthene	23.233	252	4766908	82.735	ng/ul	95
93) Benzo(a)pyrene	23.833	252	910057	16.226	ng/ul#	83
94) Indeno(1,2,3-cd)pyrene	26.568	276	1248688	17.979	ng/ul	92
95) Dibenzo(a,h)anthracene	26.562	278	1759633	31.061	ng/ul#	87

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
 Data File : BP016313.D
 Acq On : 19 Jul 2023 02:35
 Operator : MA/JU
 Sample : 03501-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46W5

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023

Quant Time: Jul 19 03:57:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 19 01:28:59 2023
 Response via : Initial Calibration

Compound	R.T.	Q	Ion	Response	Conc	Units	Dev	(Min)

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
 Data File : BP016313.D
 Acq On : 19 Jul 2023 02:35
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