

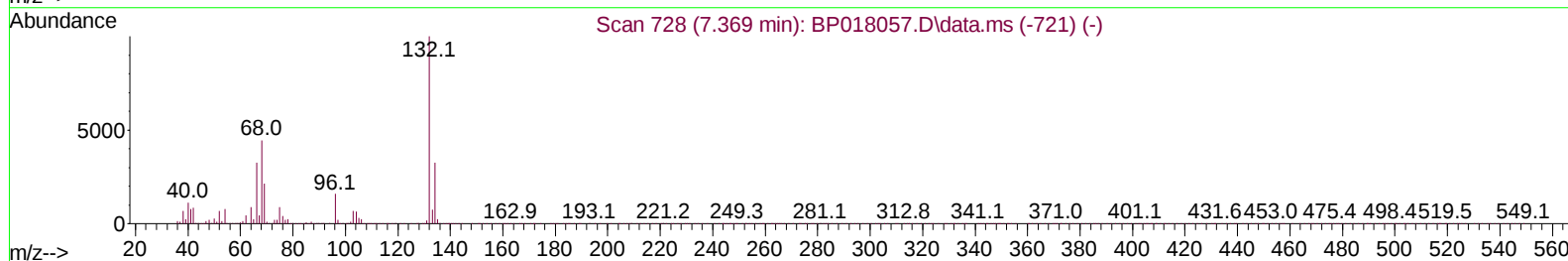
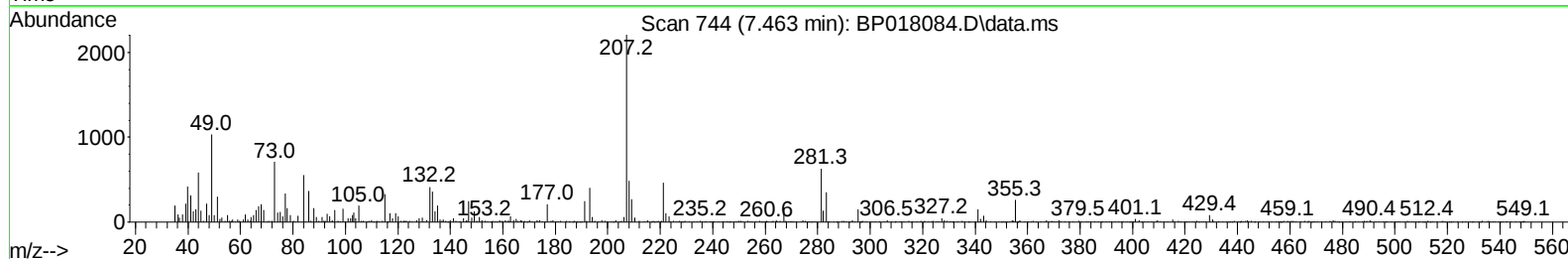
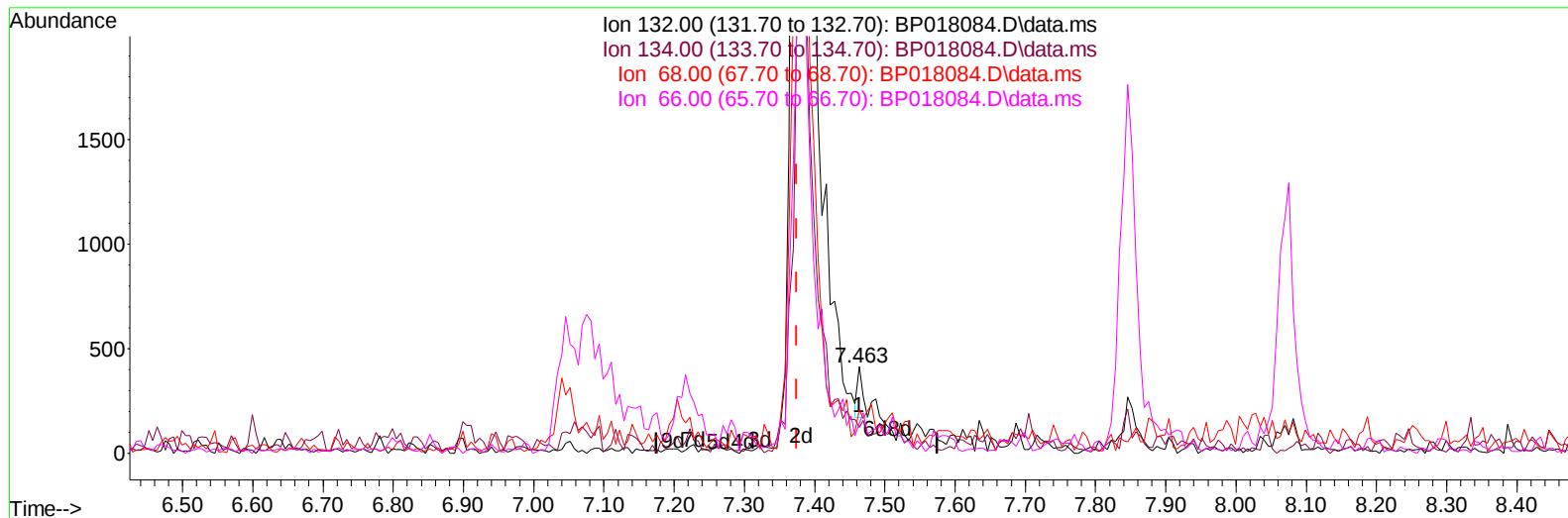
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
Data File : BP018084.D
Acq On : 12 Nov 2023 01:57
Operator : MA/JU
Sample : 05091-09DL 5X
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKI6DL

Manual IntegrationsAPPROVED

Quant Time: Nov 12 14:55:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 10 21:55:18 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/13/2023
Supervised By :mohammad ahmed 11/15/2023



TIC: BP018084.D\data.ms

(11) 2-Chlorophenol-d4 (S)

7.463min (+ 0.089) 0.02 ng/u1

response	121	
Ion	Exp%	Act%
132.00	100.00	100.00
134.00	32.30	29.95
68.00	42.80	50.00
66.00	33.10	34.30

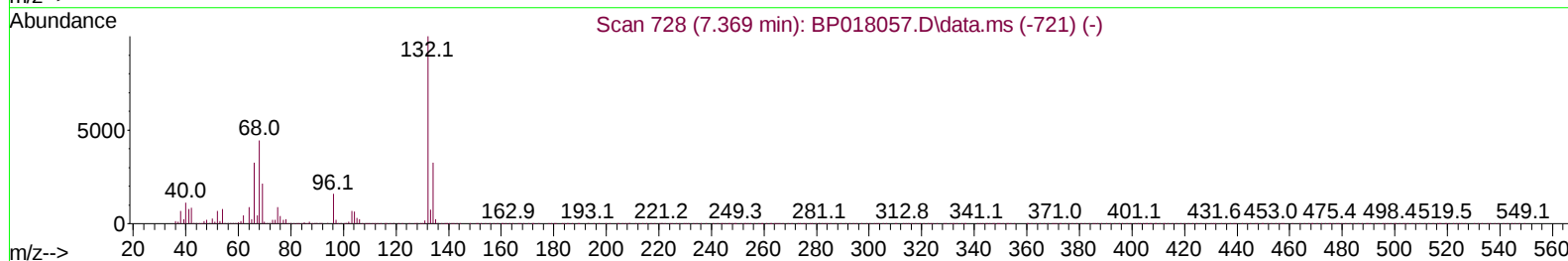
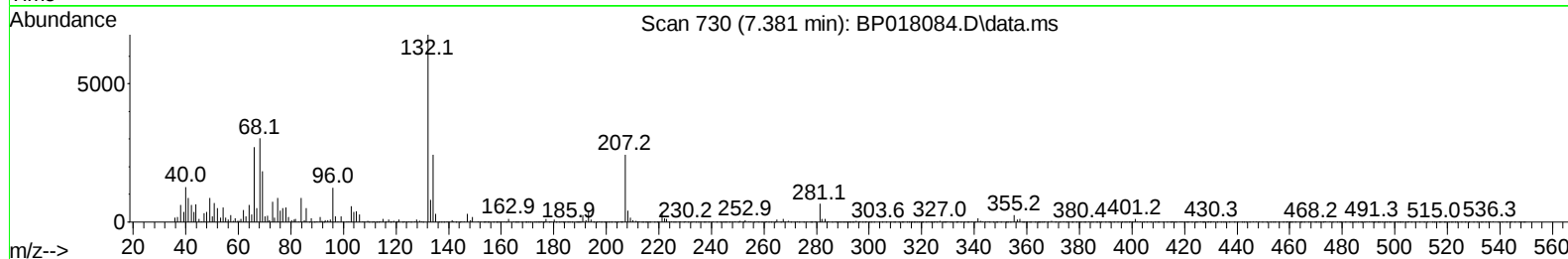
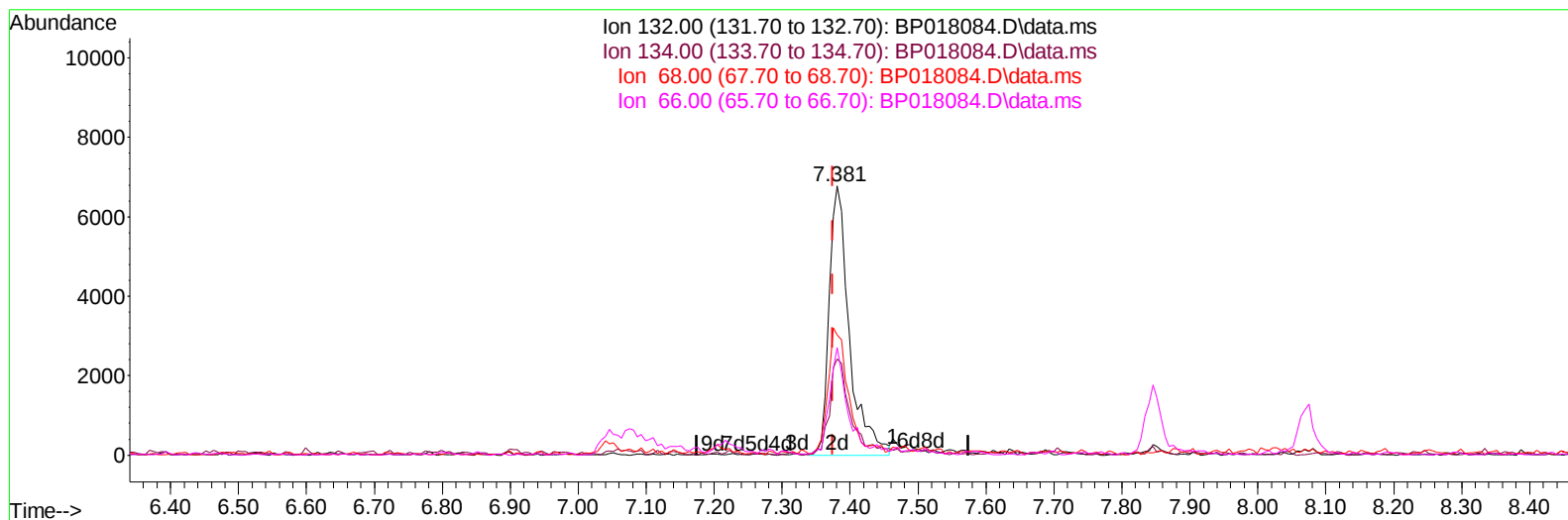
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 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
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Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 11/13/2023
 Supervised By :mohammad ahmed 11/15/2023



TIC: BP018084.D\data.ms

(11) 2-Chlorophenol-d4 (S)

7.381min (+ 0.006) 2.29 ng/ul m

response 14015

Ion	Exp%	Act%
132.00	100.00	100.00
134.00	32.30	35.83
68.00	42.80	44.65
66.00	33.10	40.01#

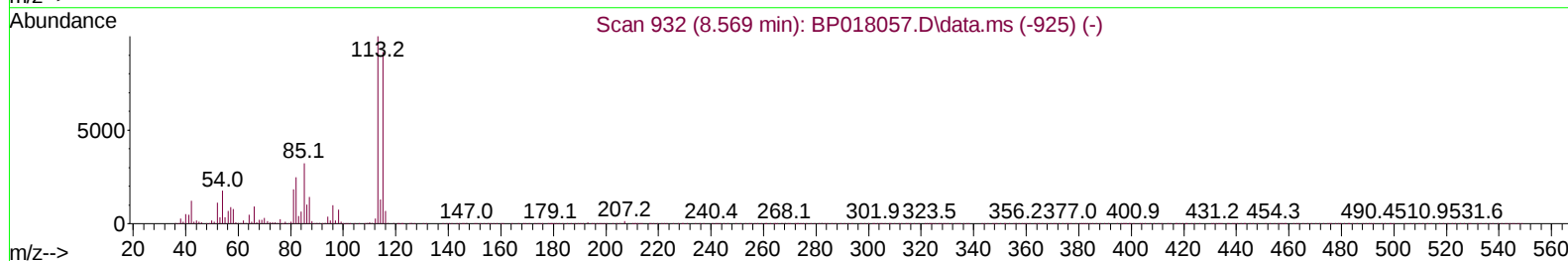
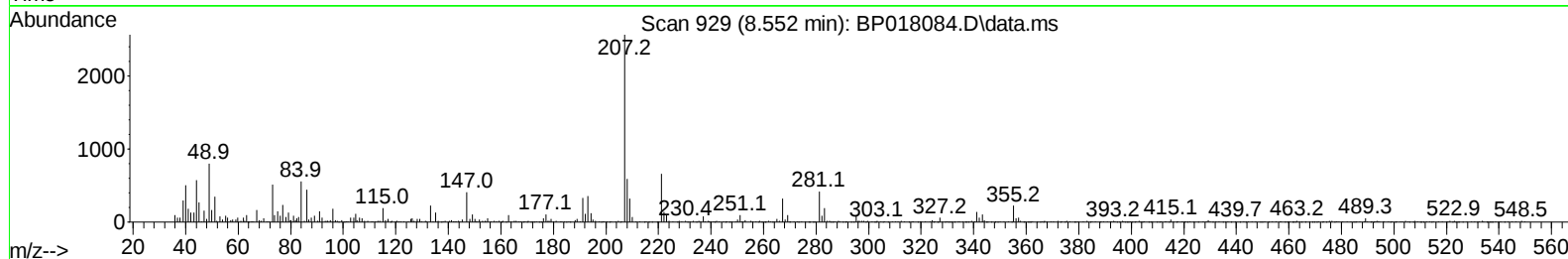
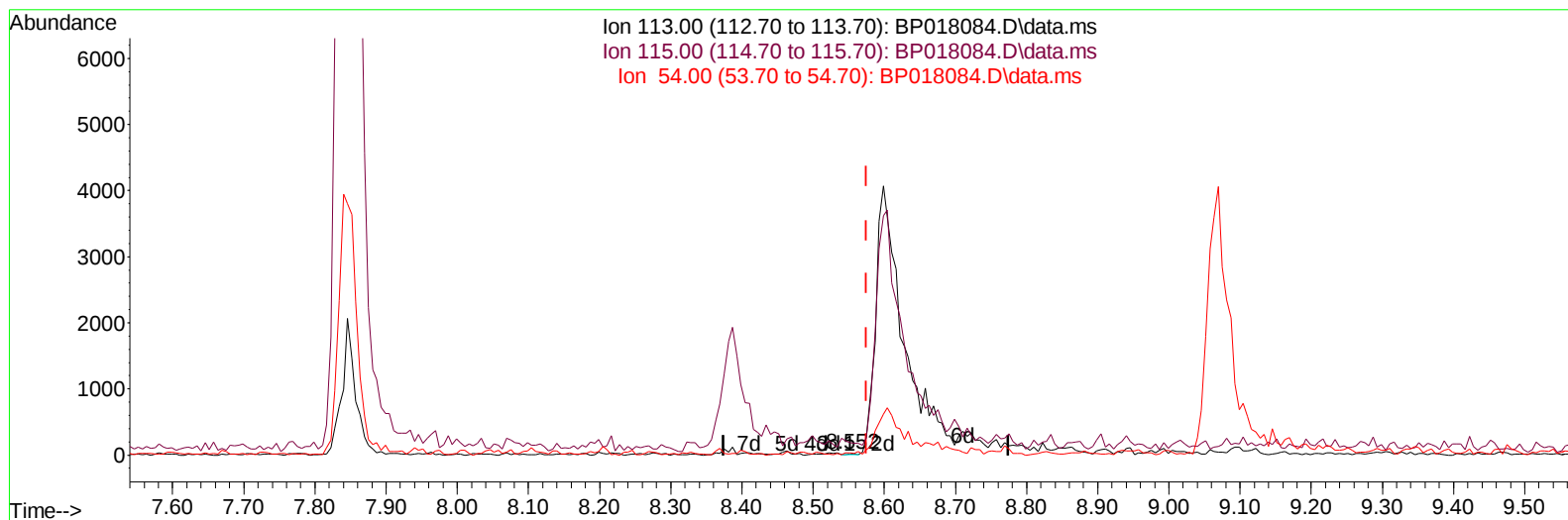
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 Data File : BP018084.D
 Acq On : 12 Nov 2023 01:57
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 Sample : 05091-09DL 5X
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCKI6DL

Manual IntegrationsAPPROVED

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TIC: BP018084.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.552min (-0.023) 0.00 ng/u1

response 12

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	90.80	994.74#
54.00	17.00	189.47#
0.00	0.00	0.00

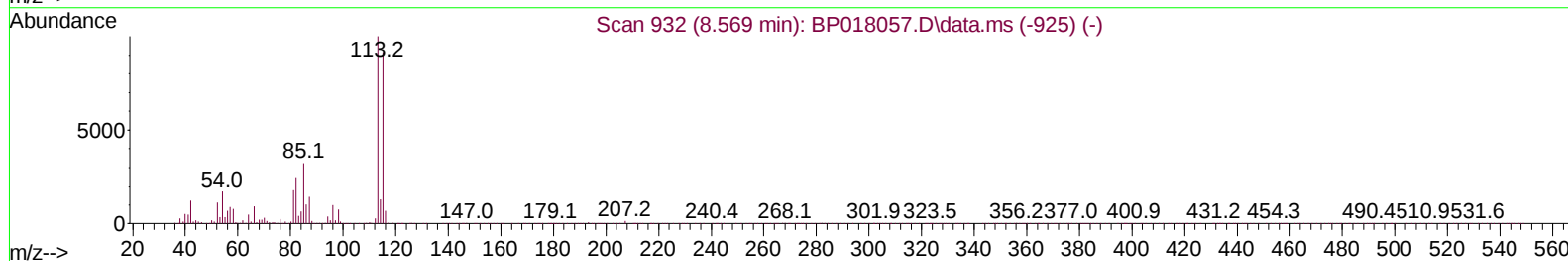
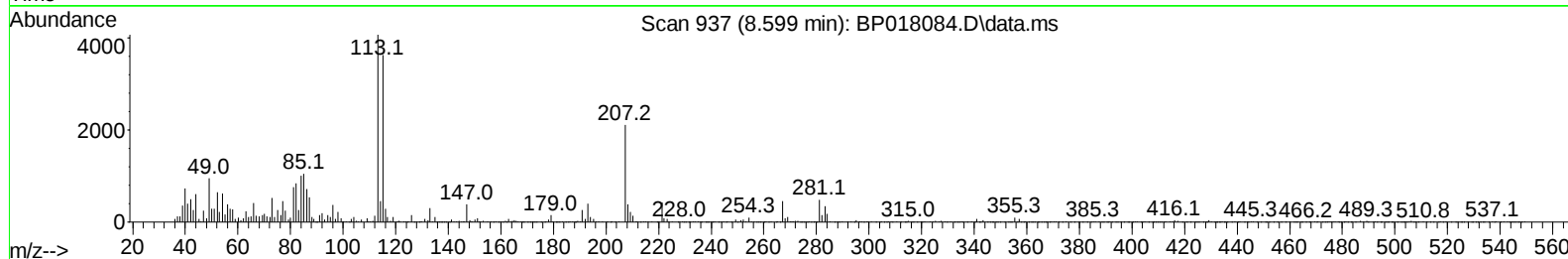
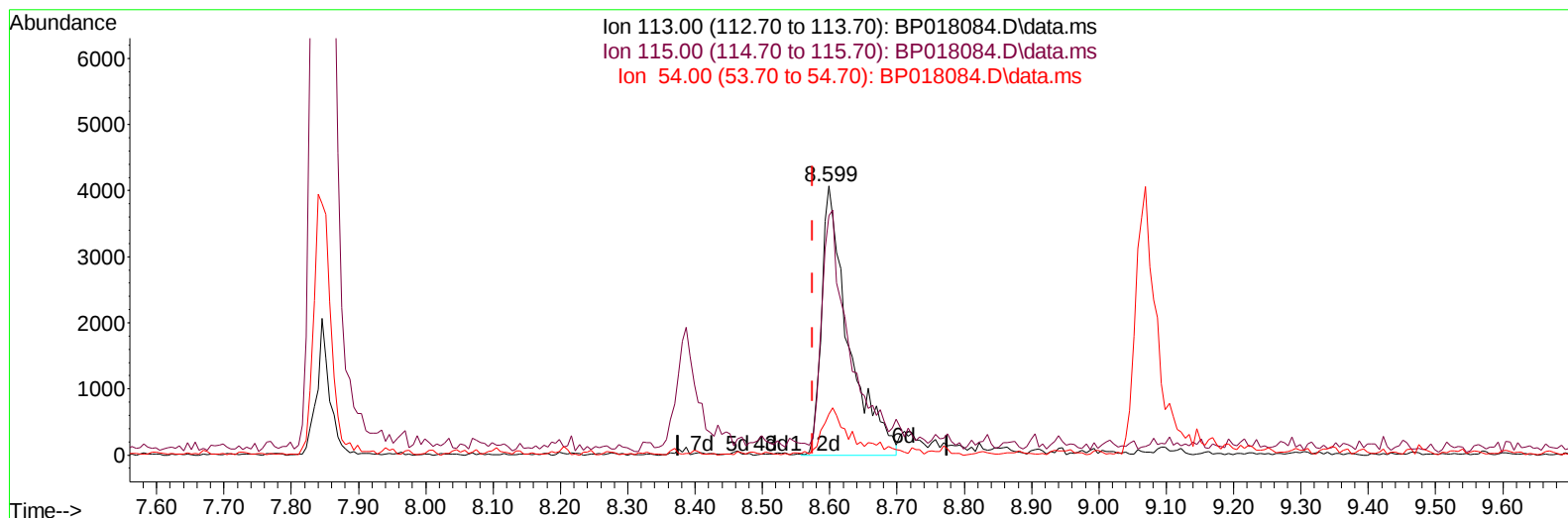
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
 Data File : BP018084.D
 Acq On : 12 Nov 2023 01:57
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 Sample : 05091-09DL 5X
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCKI6DL

Manual IntegrationsAPPROVED

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TIC: BP018084.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.599min (+ 0.024) 1.78 ng/ul m

response 11238

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	90.80	89.01
54.00	17.00	15.27
0.00	0.00	0.00

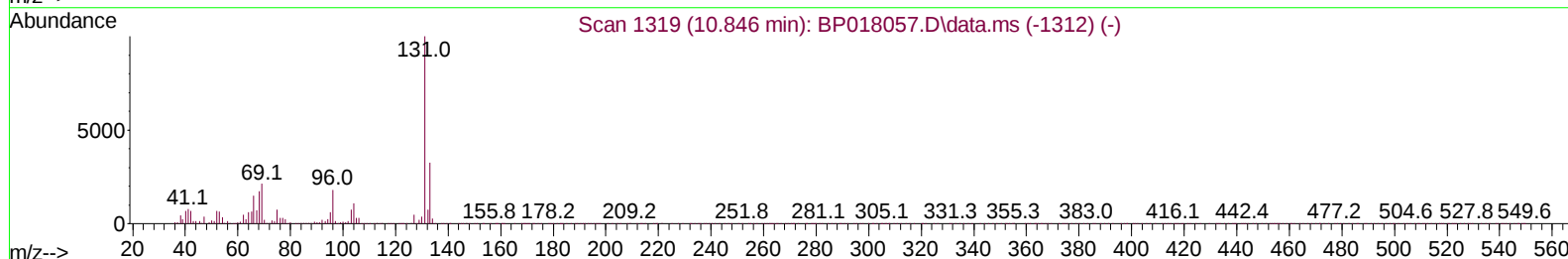
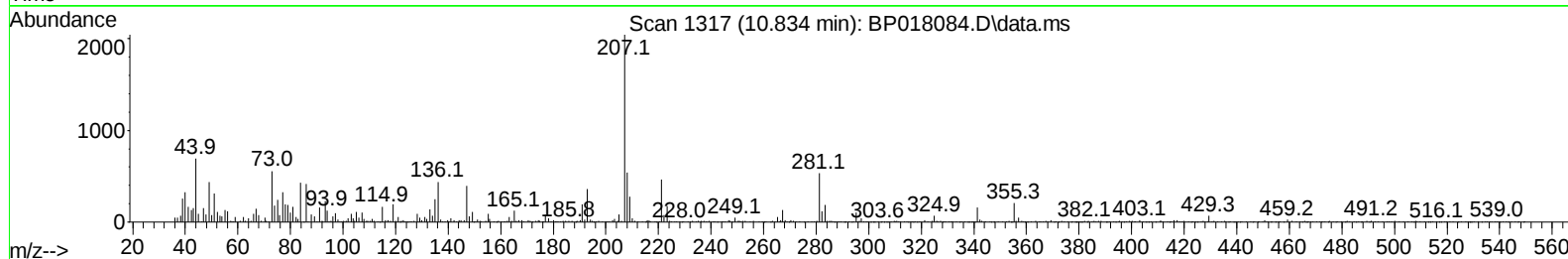
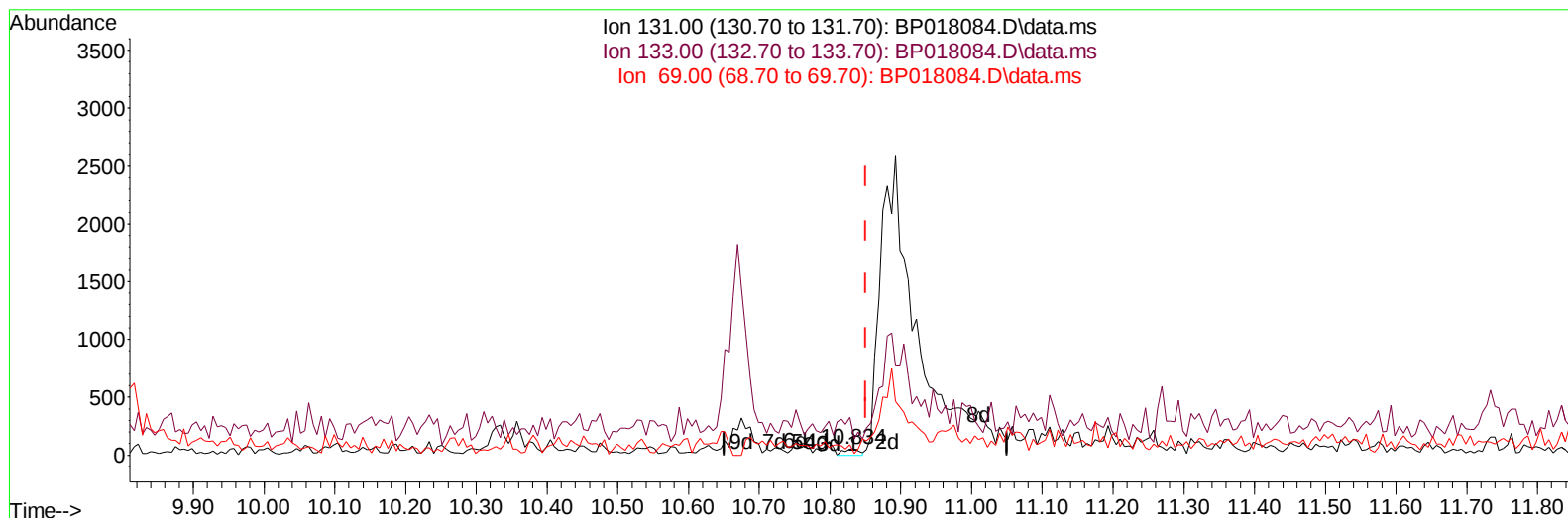
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
 Data File : BP018084.D
 Acq On : 12 Nov 2023 01:57
 Operator : MA/JU
 Sample : 05091-09DL 5X
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCKI6DL

Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 11/15/2023



TIC: BP018084.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.834min (-0.017) 0.01 ng/u1

response 82

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.20	255.56#
69.00	20.00	27.78#
0.00	0.00	0.00

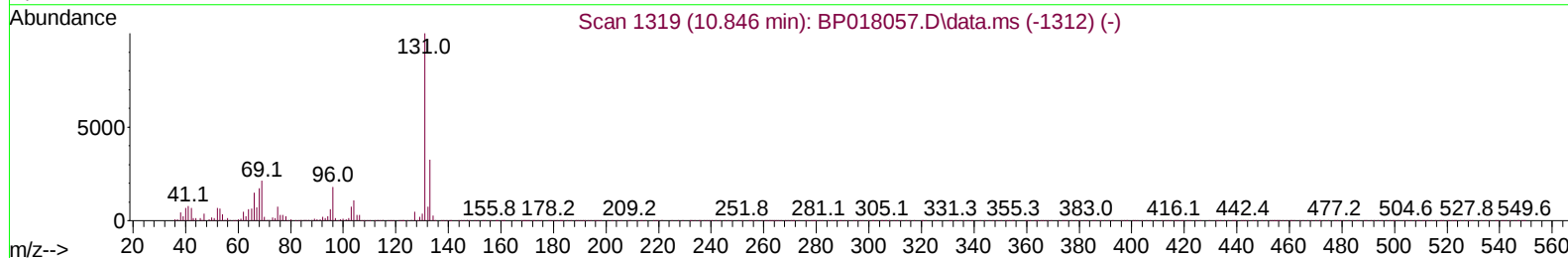
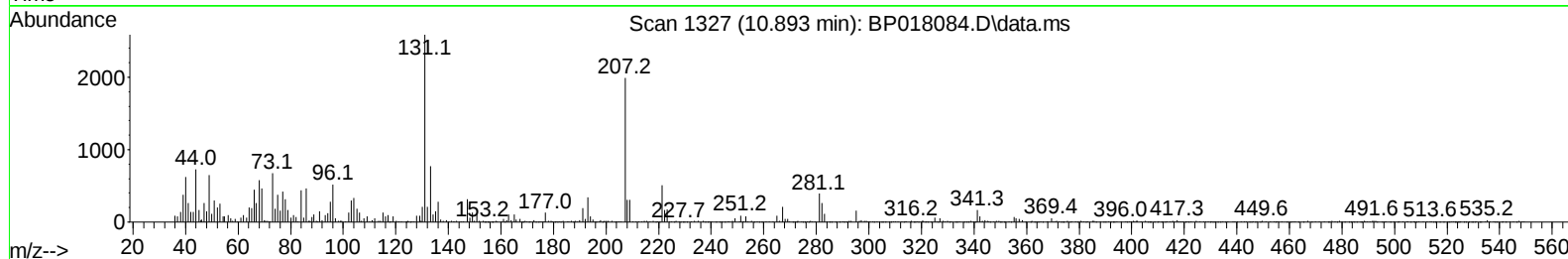
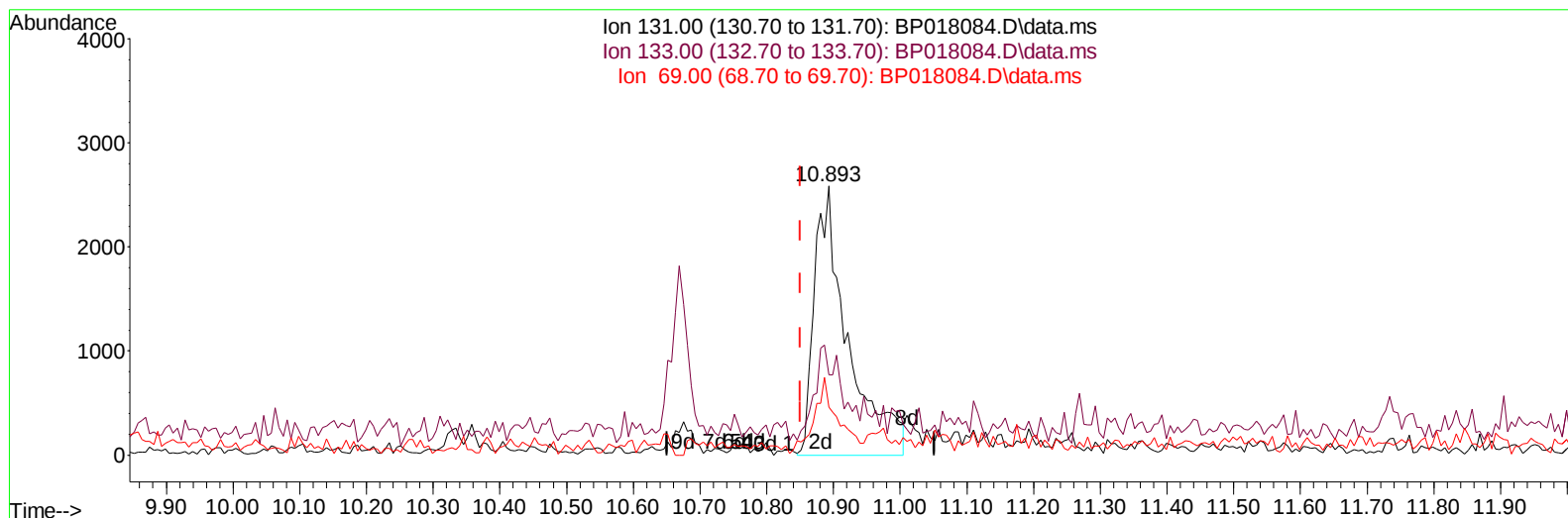
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 Data File : BP018084.D
 Acq On : 12 Nov 2023 01:57
 Operator : MA/JU
 Sample : 05091-09DL 5X
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCKI6DL

Manual IntegrationsAPPROVED

Quant Time: Nov 12 14:55:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
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Reviewed By :Yogesh Patel 11/13/2023
 Supervised By :mohammad ahmed 11/15/2023



TIC: BP018084.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.893min (+ 0.041) 1.12 ng/ul m

response 9009

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.20	29.81
69.00	20.00	17.83
0.00	0.00	0.00

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 Data File : BP018084.D
 Acq On : 12 Nov 2023 01:57
 Operator : MA/JU
 Sample : 05091-09DL 5X
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :

BNA_P

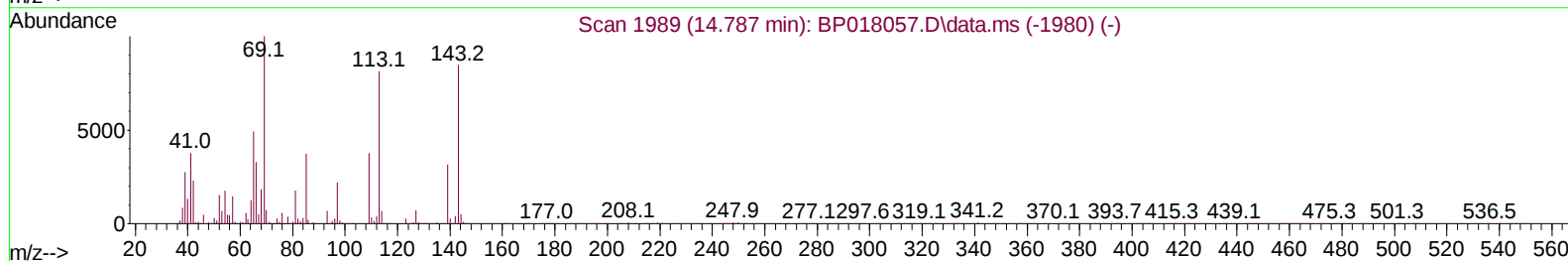
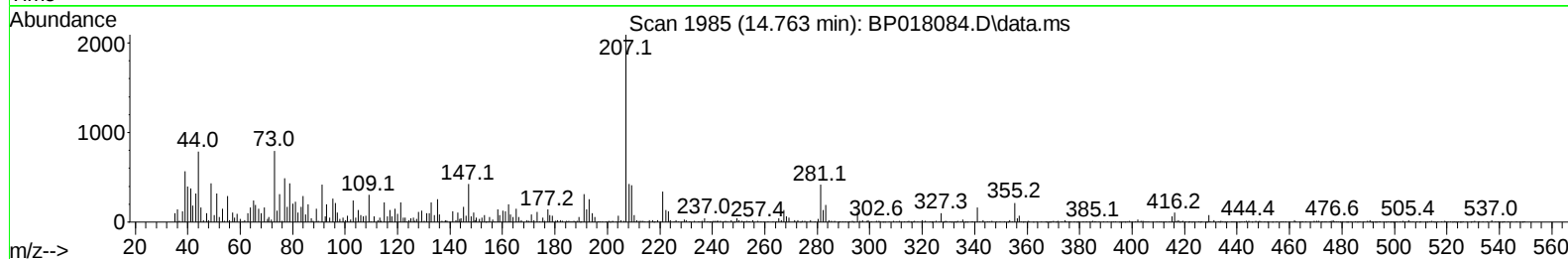
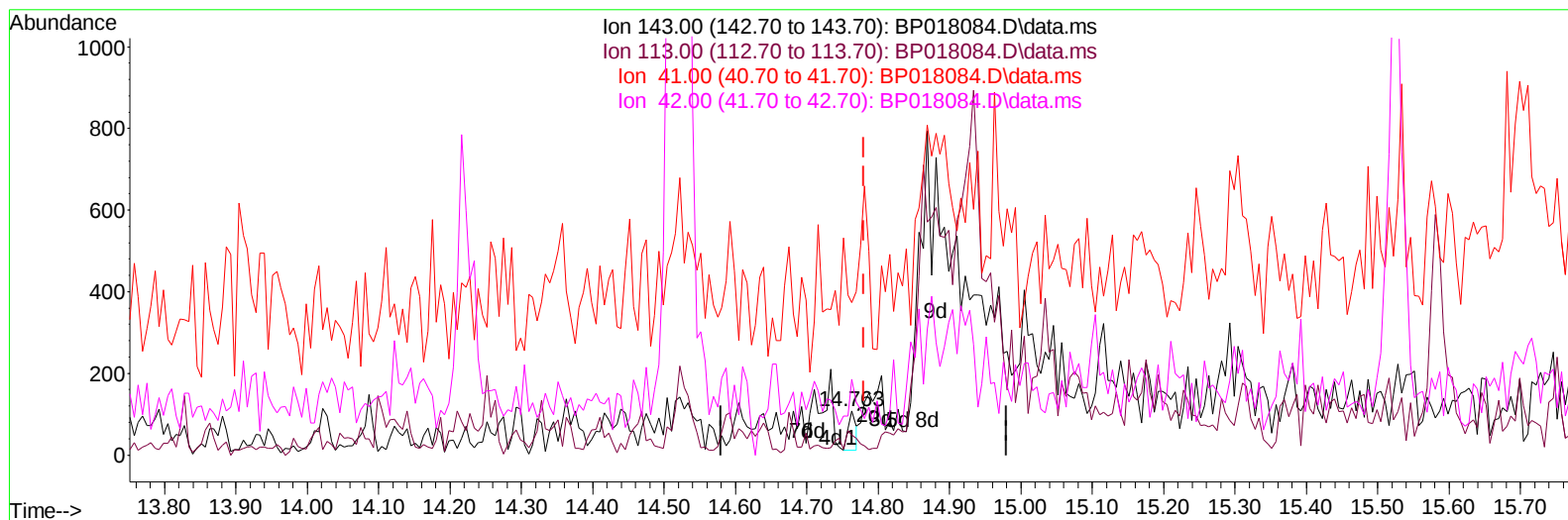
ClientSampleId :

DCKI6DL

Manual IntegrationsAPPROVED

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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
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Reviewed By :Yogesh Patel 11/13/2023
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TIC: BP018084.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.763min (-0.017) 0.03 ng/u1

response 73

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	103.00	45.37#
41.00	47.70	345.37#
42.00	30.10	171.30#

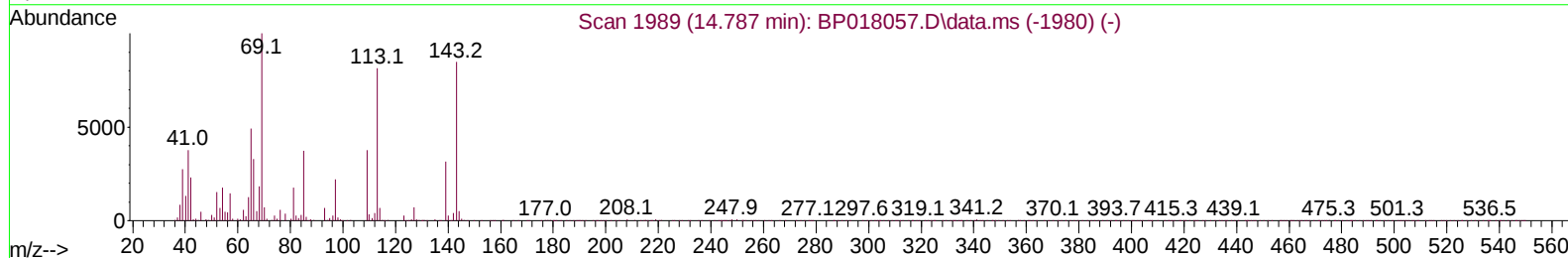
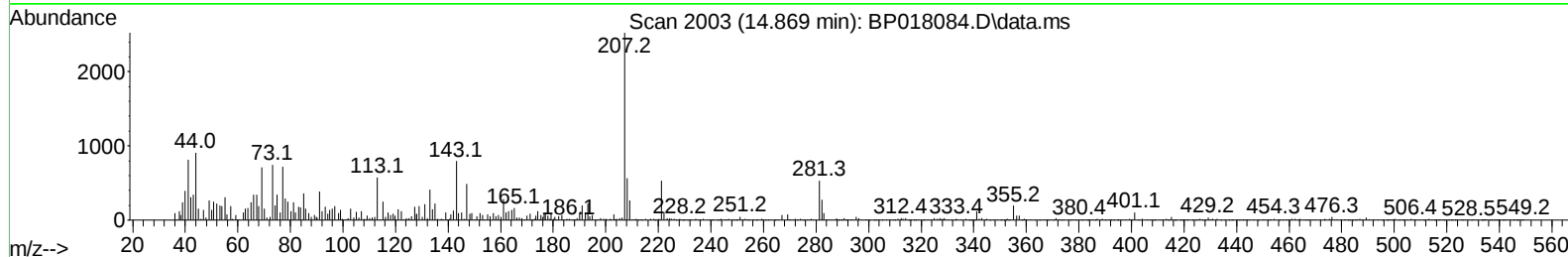
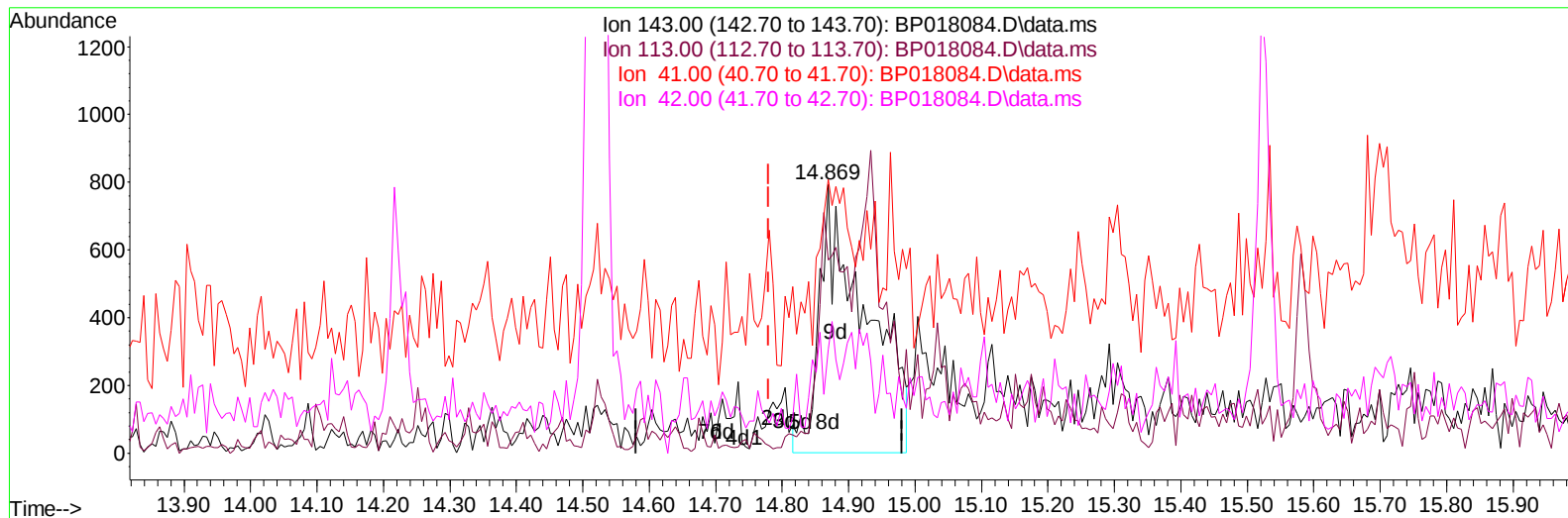
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Acq On : 12 Nov 2023 01:57
Operator : MA/JU
Sample : 05091-09DL 5X
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKI6DL

Manual IntegrationsAPPROVED

Quant Time: Nov 12 14:55:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 10 21:55:18 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/13/2023
Supervised By :mohammad ahmed 11/15/2023



TIC: BP018084.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.869min (+ 0.089) 1.35 ng/ul m

response 3790

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	103.00	71.91#
41.00	47.70	101.89#
42.00	30.10	38.66#

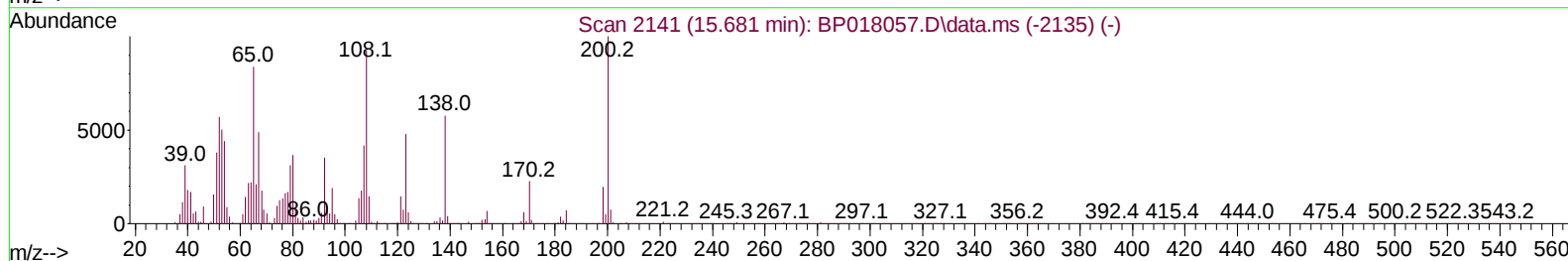
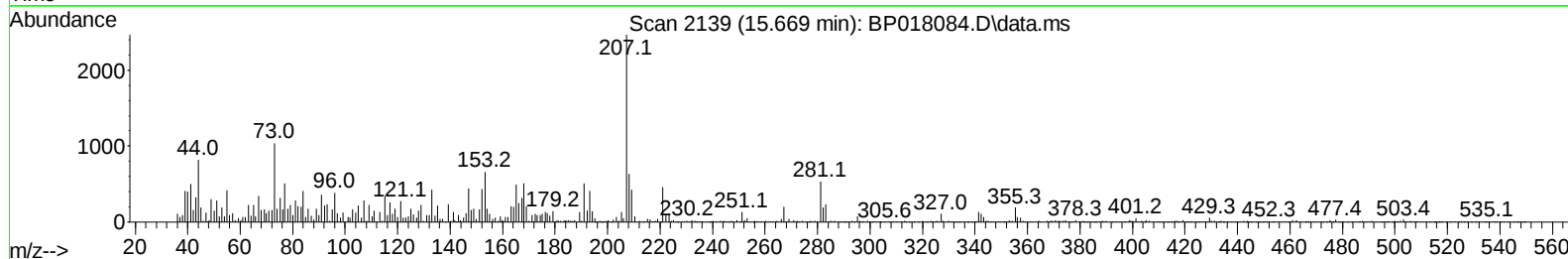
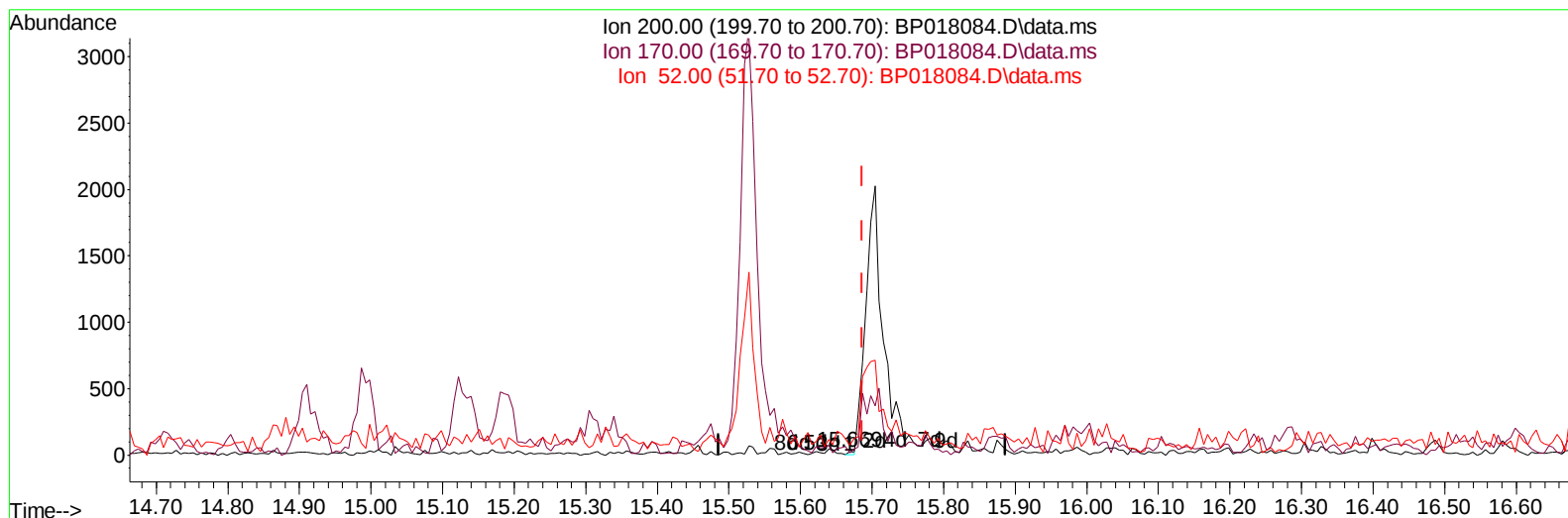
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 Acq On : 12 Nov 2023 01:57
 Operator : MA/JU
 Sample : 05091-09DL 5X
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCKI6DL

Manual IntegrationsAPPROVED

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TIC: BP018084.D\data.ms

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

15.669min (-0.017) 0.00 ng/u1

response

14

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	23.60	60.00#
52.00	52.00	300.00#
0.00	0.00	0.00

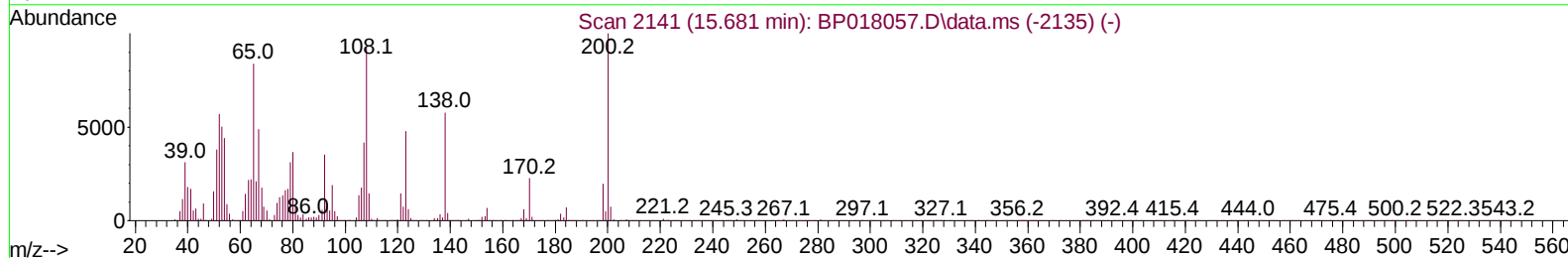
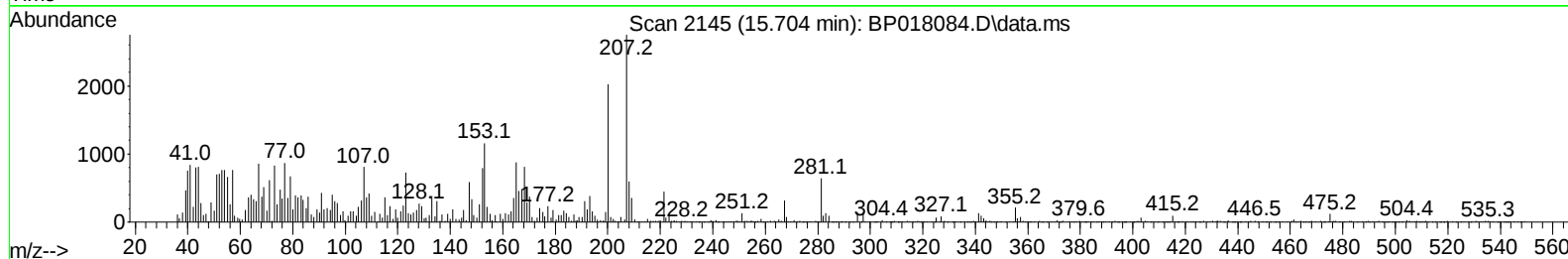
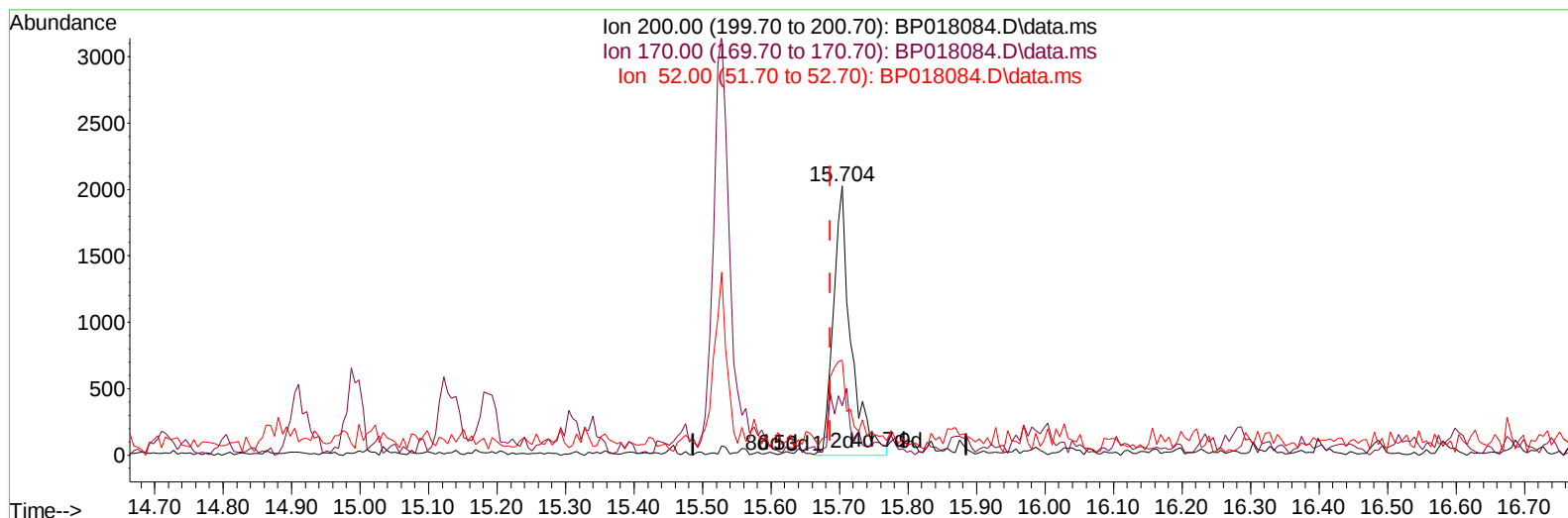
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
Data File : BP018084.D
Acq On : 12 Nov 2023 01:57
Operator : MA/JU
Sample : 05091-09DL 5X
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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TIC: BP018084.D\data.ms

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

15.704min (+ 0.018) 1.06 ng/ul m

response 3599

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	23.60	18.21#
52.00	52.00	35.24#
0.00	0.00	0.00

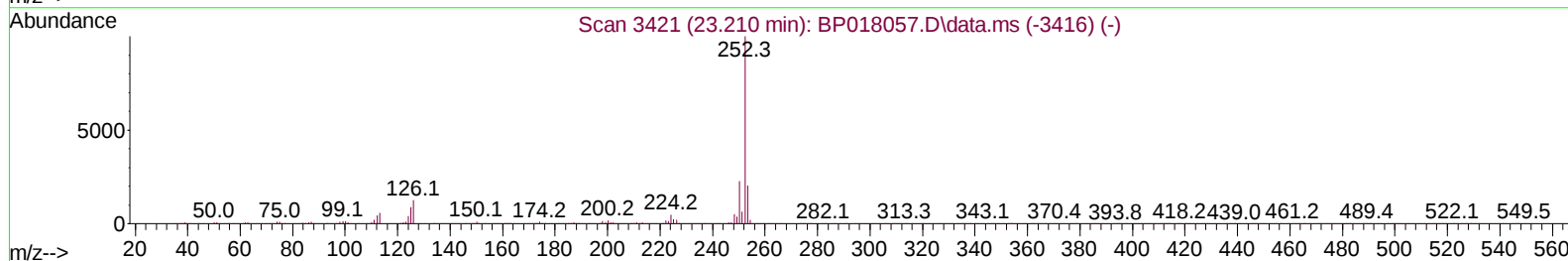
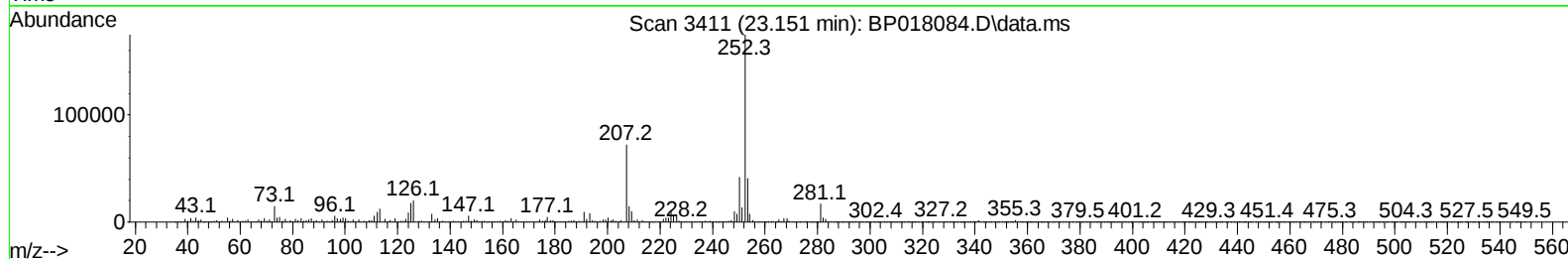
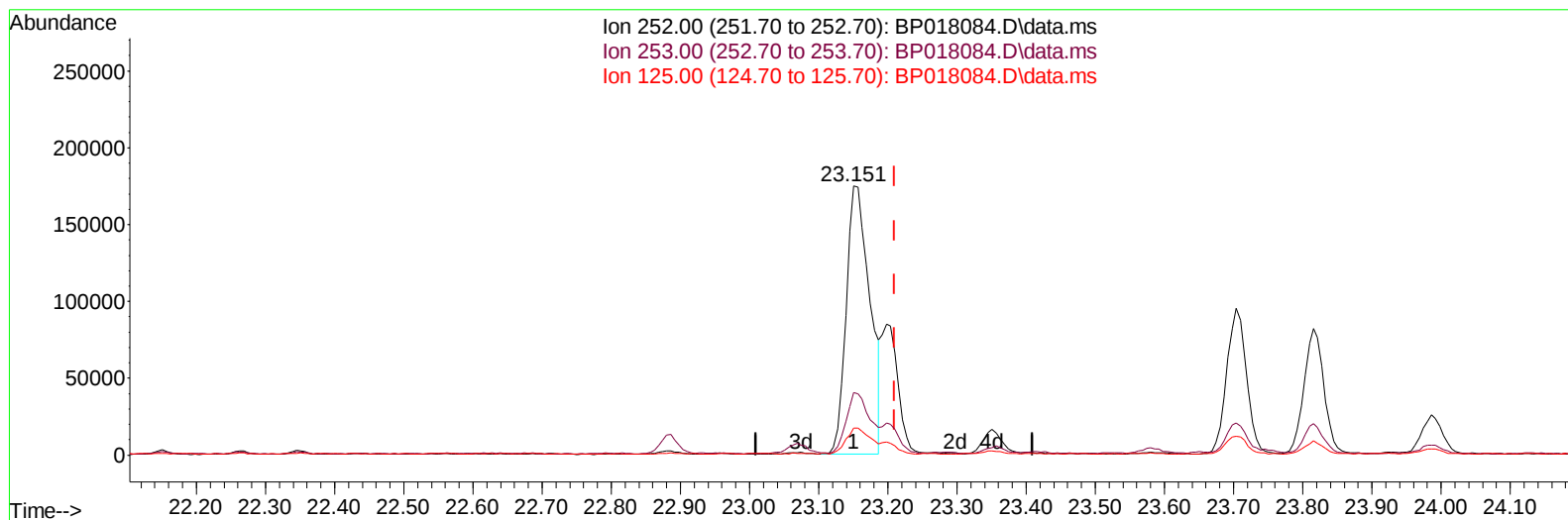
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 ALS Vial : 63 Sample Multiplier: 1

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TIC: BP018084.D\data.ms

(91) Benzo(k)fluoranthene

23.151min (-0.059) 10.50 ng/u1

response 414136

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	23.31
125.00	8.50	10.09
0.00	0.00	0.00

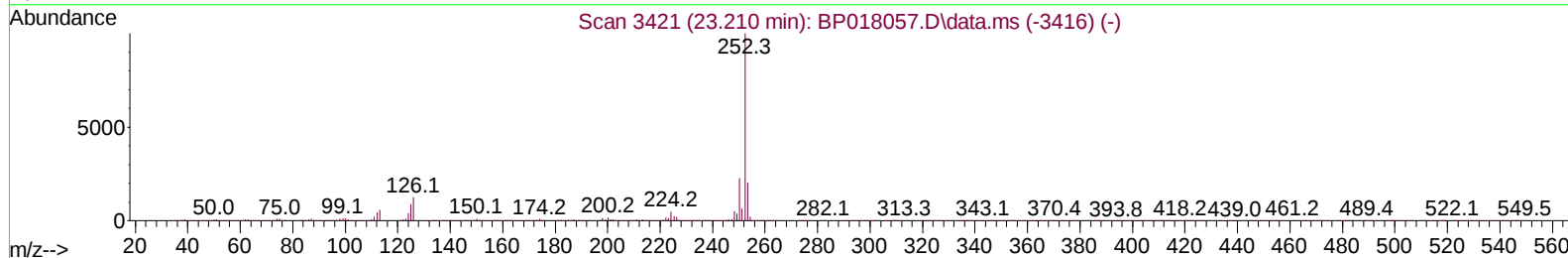
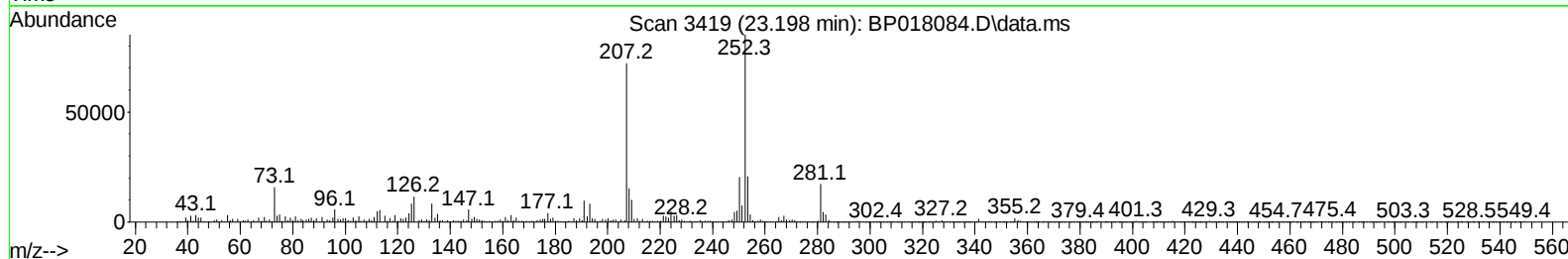
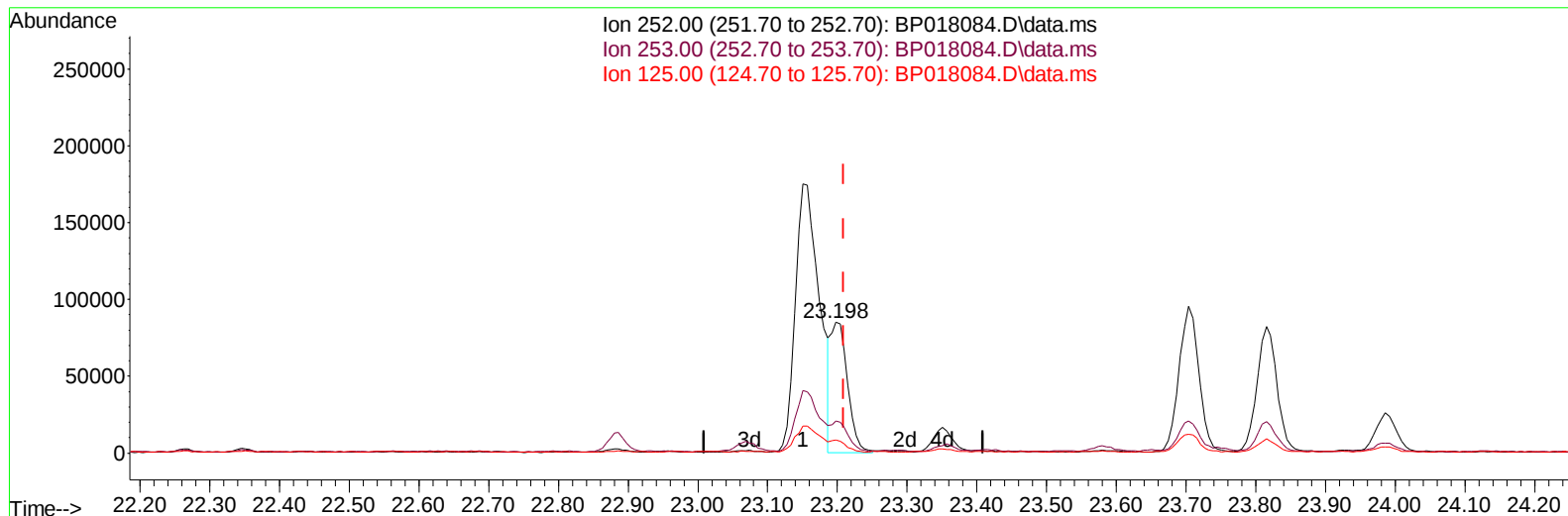
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
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 ALS Vial : 63 Sample Multiplier: 1

Instrument :
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TIC: BP018084.D\data.ms

(91) Benzo(k)fluoranthene

23.198min (-0.011) 3.58 ng/ul m

response 141301

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	24.47
125.00	8.50	10.01
0.00	0.00	0.00

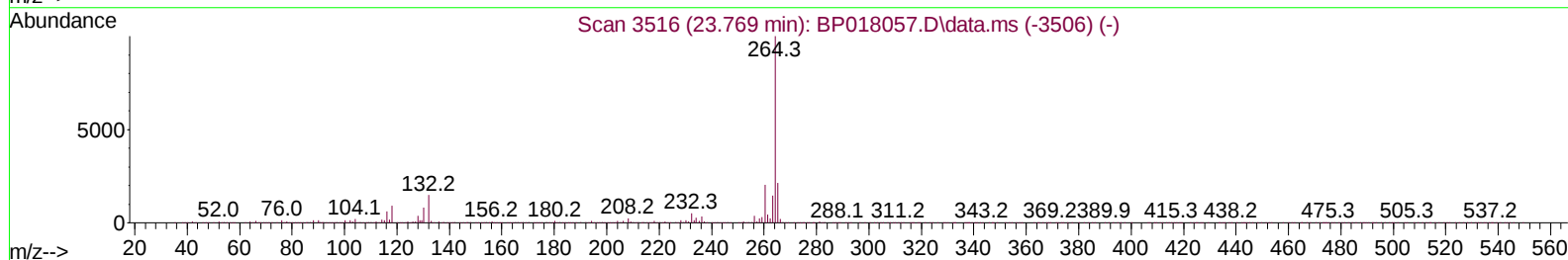
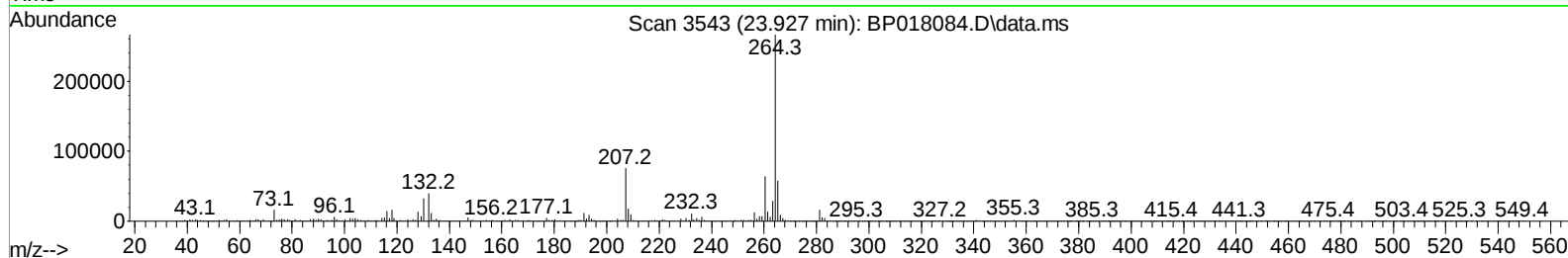
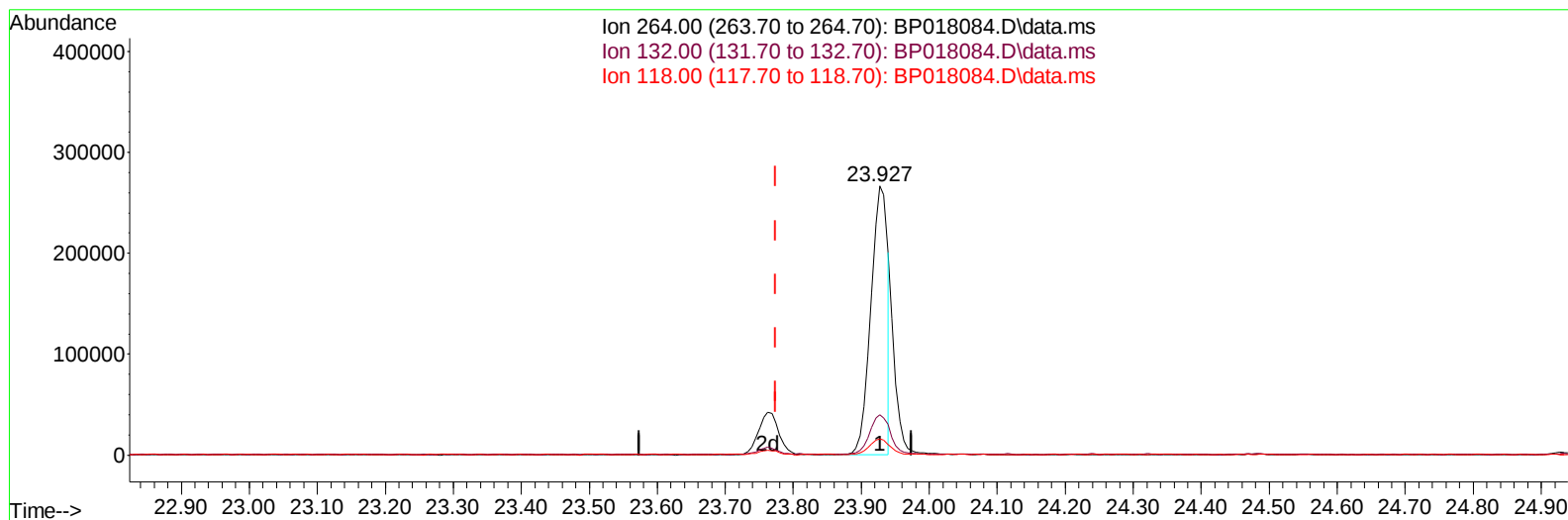
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
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 Supervised By :mohammad ahmed 11/15/2023



TIC: BP018084.D\data.ms

(92) Benzo(a)pyrene-d12 (S)

23.927min (+ 0.153) 14.18 ng/u1

response 454140

Ion	Exp%	Act%
264.00	100.00	100.00
132.00	14.70	14.89
118.00	9.60	7.86
0.00	0.00	0.00

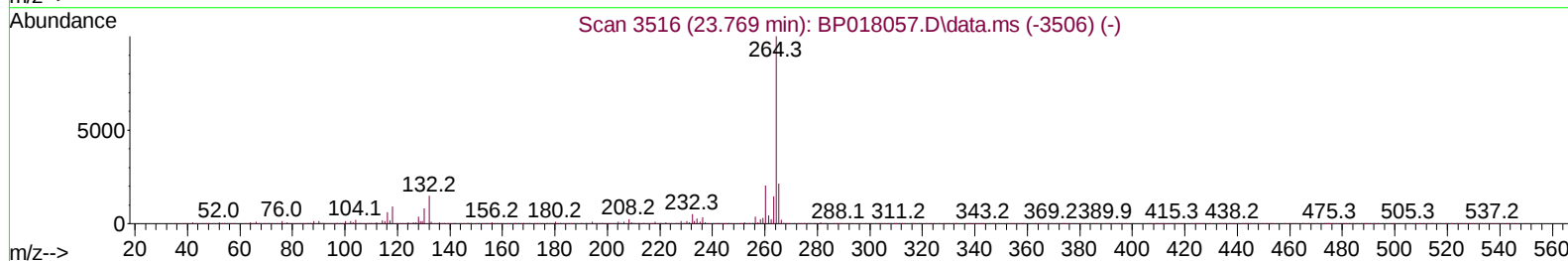
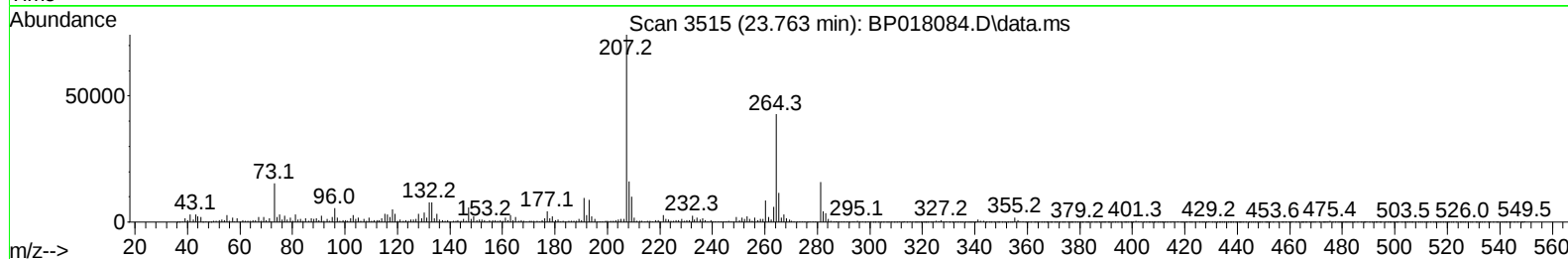
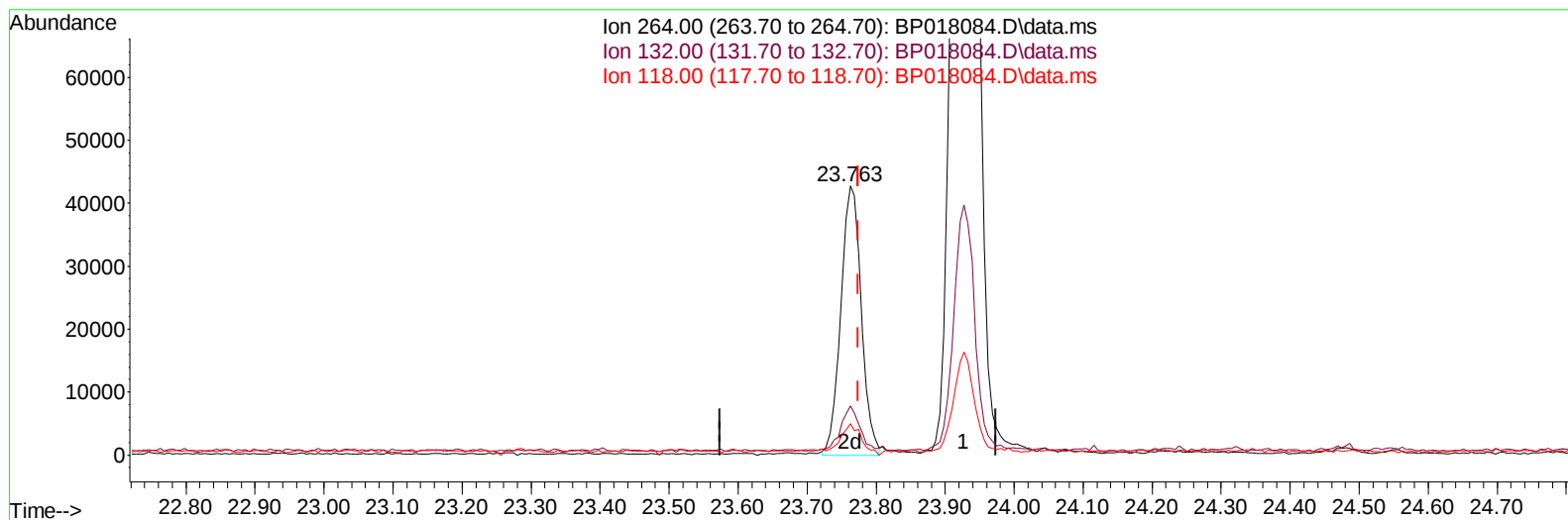
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
 Data File : BP018084.D
 Acq On : 12 Nov 2023 01:57
 Operator : MA/JU
 Sample : 05091-09DL 5X
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCKI6DL

Manual IntegrationsAPPROVED

Quant Time: Nov 12 14:55:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 10 21:55:18 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/13/2023
 Supervised By :mohammad ahmed 11/15/2023



TIC: BP018084.D\data.ms

(92) Benzo(a)pyrene-d12 (S)

23.763min (-0.011) 2.74 ng/u1 m

response 87892

Ion	Exp%	Act%
264.00	100.00	100.00
132.00	14.70	18.25#
118.00	9.60	11.63#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
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Instrument :
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Manual IntegrationsAPPROVED

Quant Time: Nov 12 15:01:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 10 21:55:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	79896	20.000	ng/ul	0.00
20) Naphthalene-d8	10.669	136	321970	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.522	164	202877	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.304	188	467625	20.000	ng/ul	0.00
79) Chrysene-d12	21.427	240	486264	20.000	ng/ul	0.00
88) Perylene-d12	23.927	264	550889	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	1322	0.584	ng/uL	0.00
4) Pyridine-d5	3.652	84	909	0.154	ng/ul	-0.01
7) Phenol-d5	7.040	99	16236	2.105	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.205	67	10937	2.413	ng/ul	0.00
11) 2-Chlorophenol-d4	7.381	132	14015m	2.294	ng/ul	0.00
15) 4-Methylphenol-d8	8.599	113	11238m	1.778	ng/ul	0.02
21) Nitrobenzene-d5	9.063	128	5984	2.063	ng/ul	0.00
24) 2-Nitrophenol-d4	9.775	143	6451	1.963	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.340	165	12753	2.177	ng/ul	0.04
31) 4-Chloroaniline-d4	10.893	131	9009m	1.122	ng/ul	0.04
46) Dimethylphthalate-d6	13.945	166	50313	2.688	ng/ul	0.00
49) Acenaphthylene-d8	14.222	160	52119	2.556	ng/ul	0.00
54) 4-Nitrophenol-d4	14.869	143	3790m	1.355	ng/ul	0.09
60) Fluorene-d10	15.528	176	43205	2.796	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.704	200	3599m	1.065	ng/ul	0.02
73) Anthracene-d10	17.404	188	70833	2.801	ng/ul	0.00
81) Pyrene-d10	19.657	212	91615	2.821	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.763	264	87892m	2.744	ng/ul	-0.01
Target Compounds						
					Qvalue	
16) Acetophenone	8.722	105	23716	2.361	ng/ul	96
61) Fluorene	15.587	166	25856	1.456	ng/ul	97
72) Phenanthrene	17.345	178	143828	5.009	ng/ul	98
74) Anthracene	17.439	178	601670	20.534	ng/ul	99
77) Carbazole	17.739	167	65777	2.585	ng/ul	98
80) Fluoranthene	19.328	202	810710	21.372	ng/ul	99
82) Pyrene	19.686	202	863281	21.718	ng/ul	99
85) Benzo(a)anthracene	21.410	228	279003	7.106	ng/ul	97
87) Chrysene	21.469	228	471350	12.831	ng/ul	96
90) Benzo(b)fluoranthene	23.151	252	414136	10.563	ng/ul	96
91) Benzo(k)fluoranthene	23.198	252	141301m	3.582	ng/ul	
93) Benzo(a)pyrene	23.816	252	161232	4.355	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	26.586	276	116852	2.631	ng/ul	98
96) Benzo(g,h,i)perylene	27.409	276	101104	2.847	ng/ul#	94

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

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