

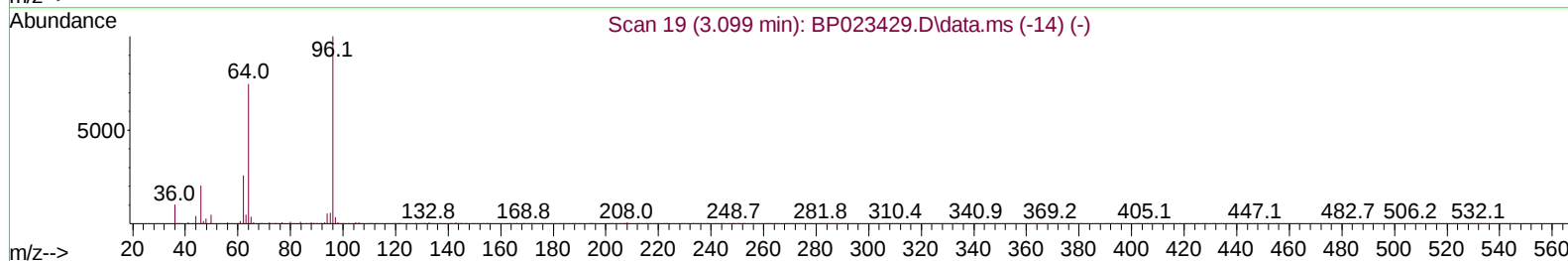
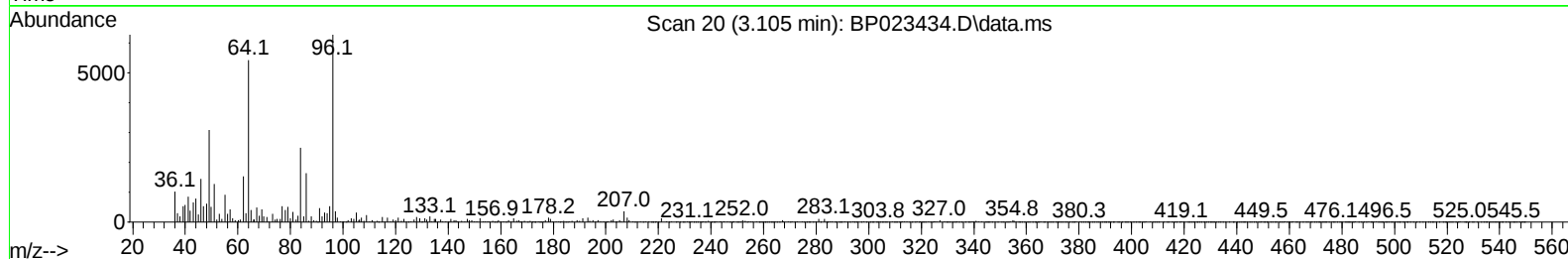
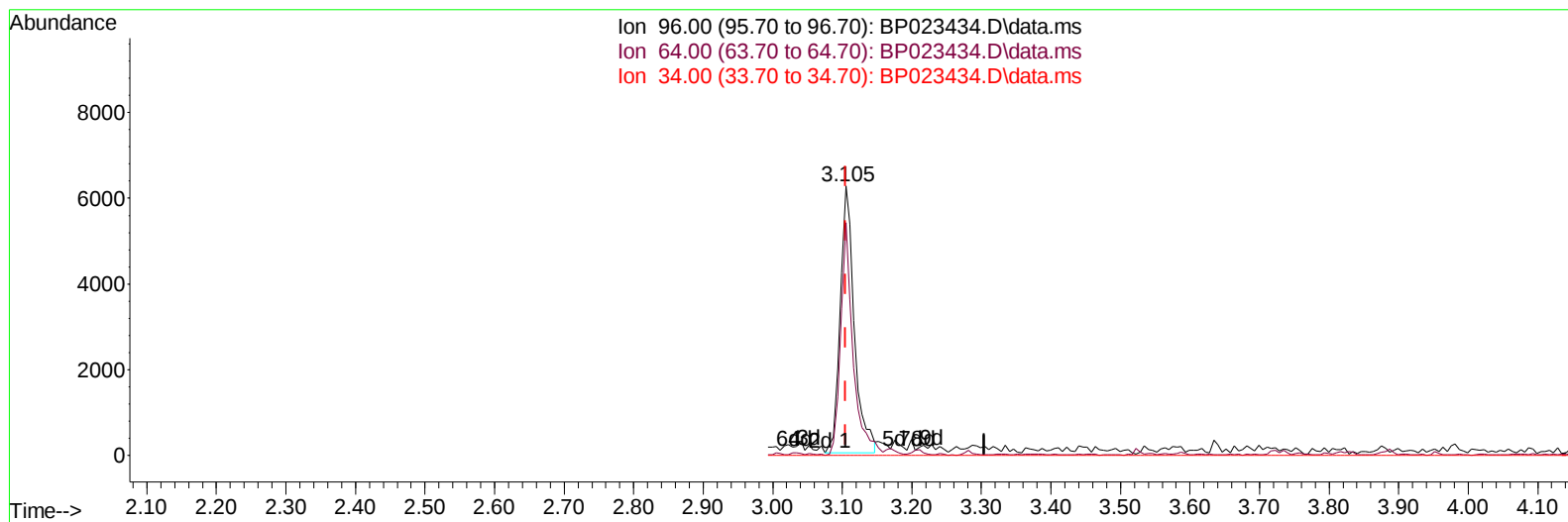
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
Data File : BP023434.D
Acq On : 16 Dec 2024 14:27
Operator : RC/JU
Sample : P5153-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28R4

Manual IntegrationsAPPROVED

Quant Time: Dec 16 23:10:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/19/2024



TIC: BP023434.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.105min (-0.000) 2.44 ng/uL

response 8832

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	73.20	86.52
34.00	0.00	0.00
0.00	0.00	0.00

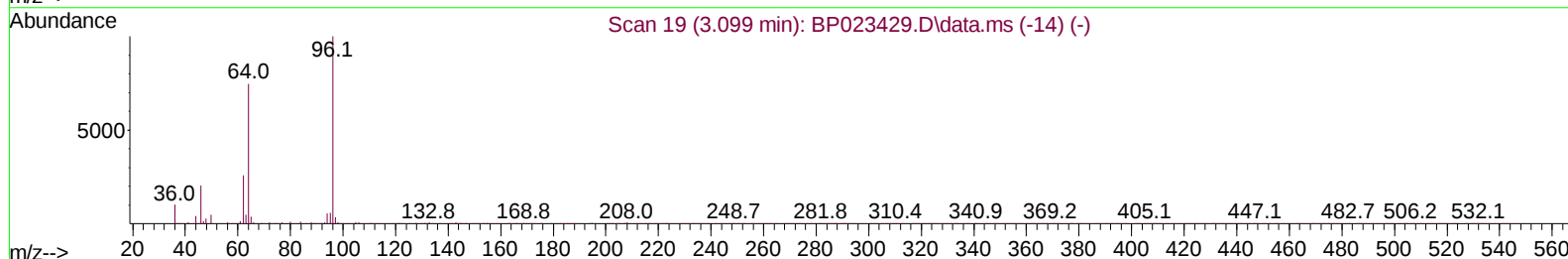
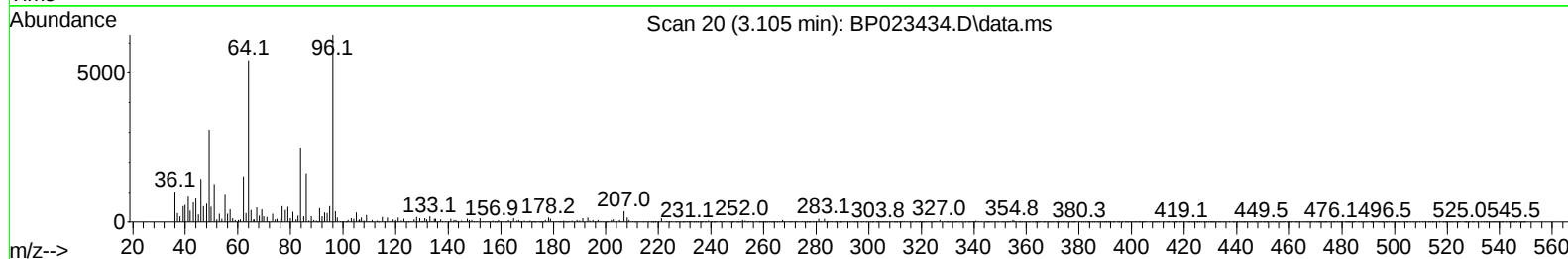
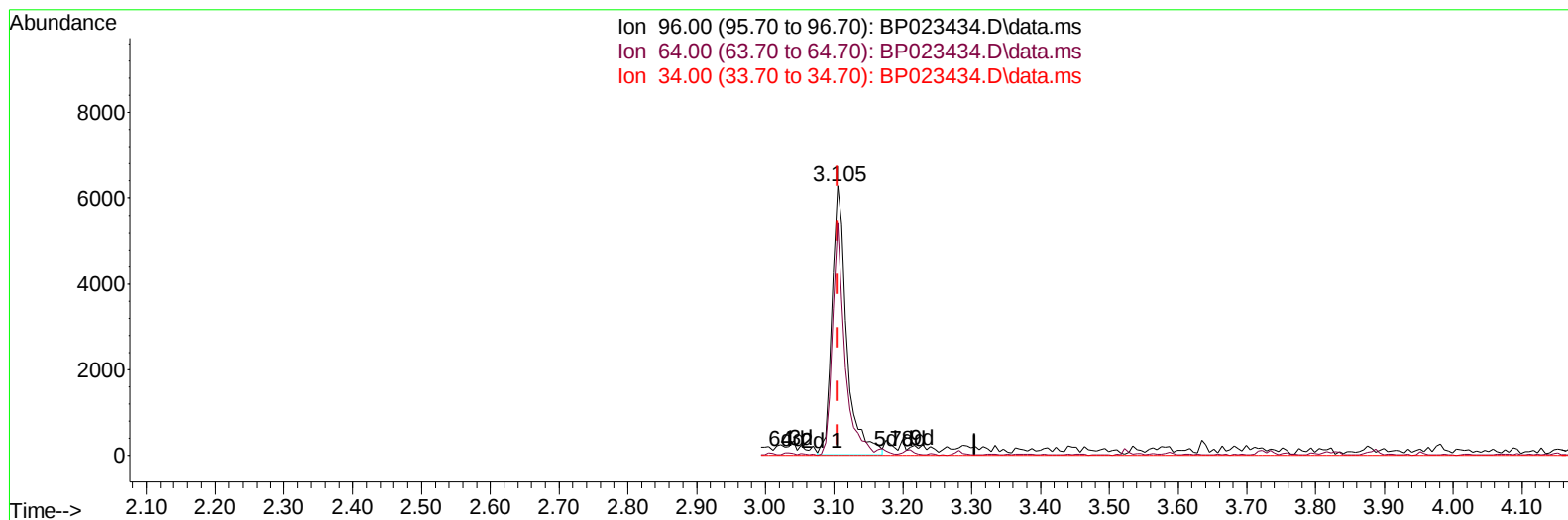
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
Data File : BP023434.D
Acq On : 16 Dec 2024 14:27
Operator : RC/JU
Sample : P5153-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28R4

Manual IntegrationsAPPROVED

Quant Time: Dec 16 23:10:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/19/2024



TIC: BP023434.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.105min (-0.000) 2.60 ng/uL m

response 9402

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	73.20	86.52
34.00	0.00	0.00
0.00	0.00	0.00

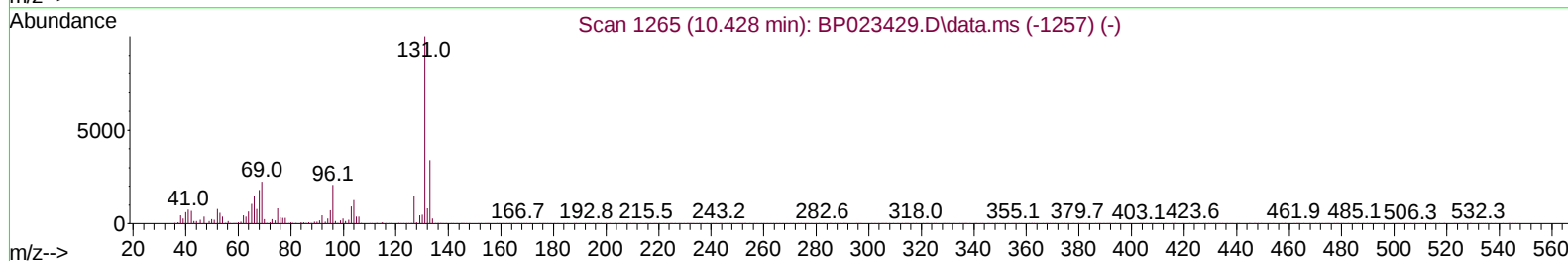
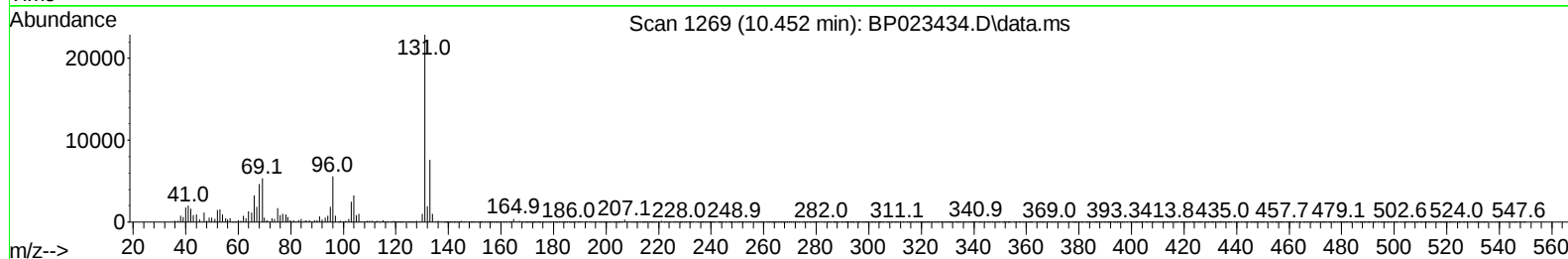
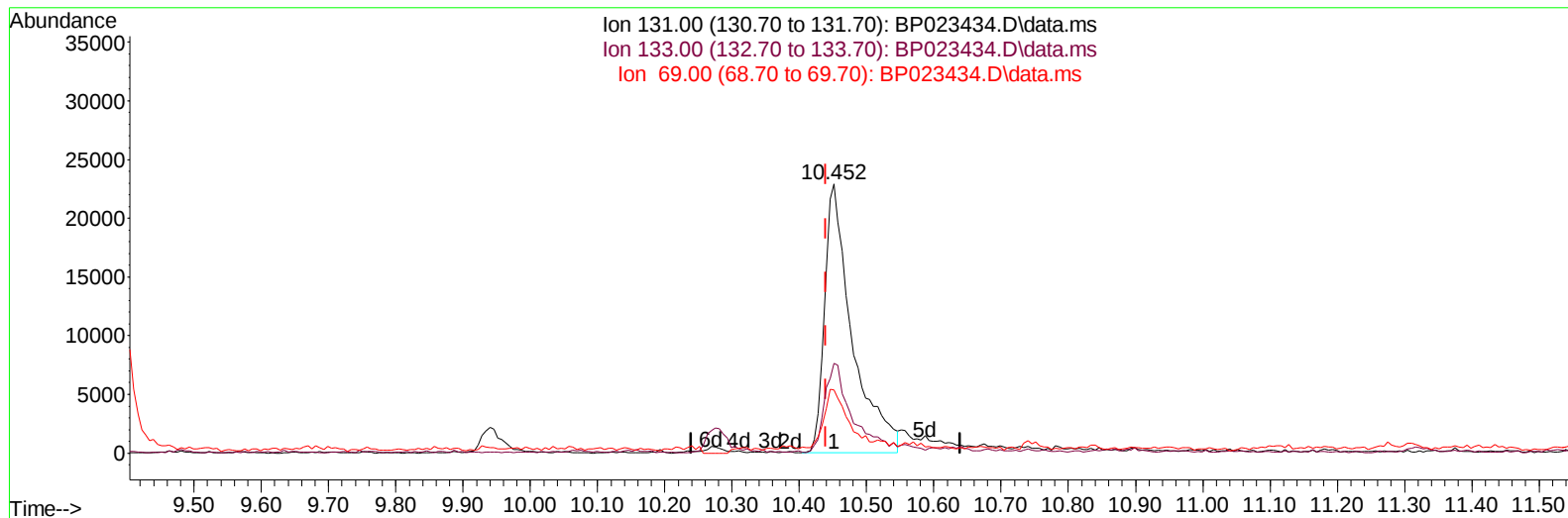
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
Data File : BP023434.D
Acq On : 16 Dec 2024 14:27
Operator : RC/JU
Sample : P5153-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28R4

Manual IntegrationsAPPROVED

Quant Time: Dec 16 23:10:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
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Reviewed By :Yogesh Patel 12/18/2024
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TIC: BP023434.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.452min (+ 0.012) 6.44 ng/u1

response 65164

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	31.60	33.28
69.00	24.30	23.38
0.00	0.00	0.00

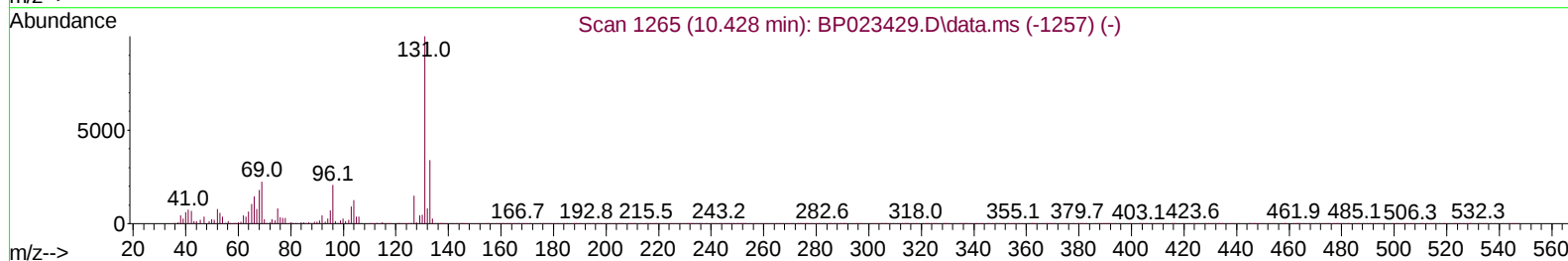
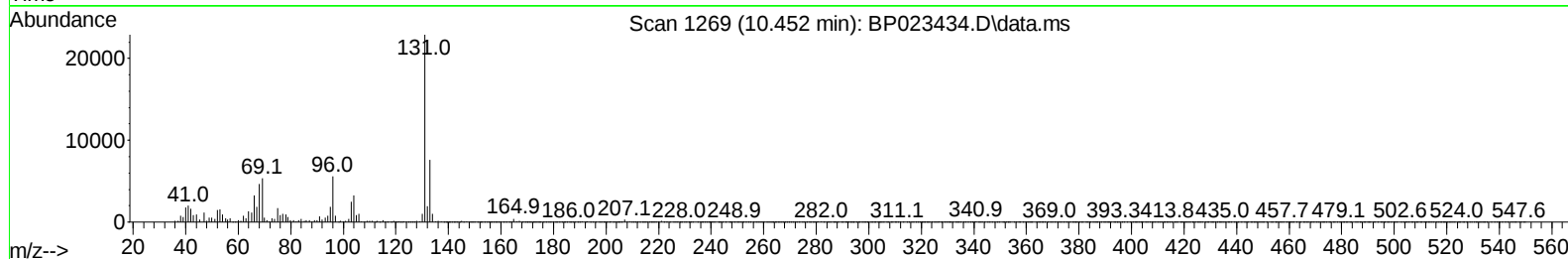
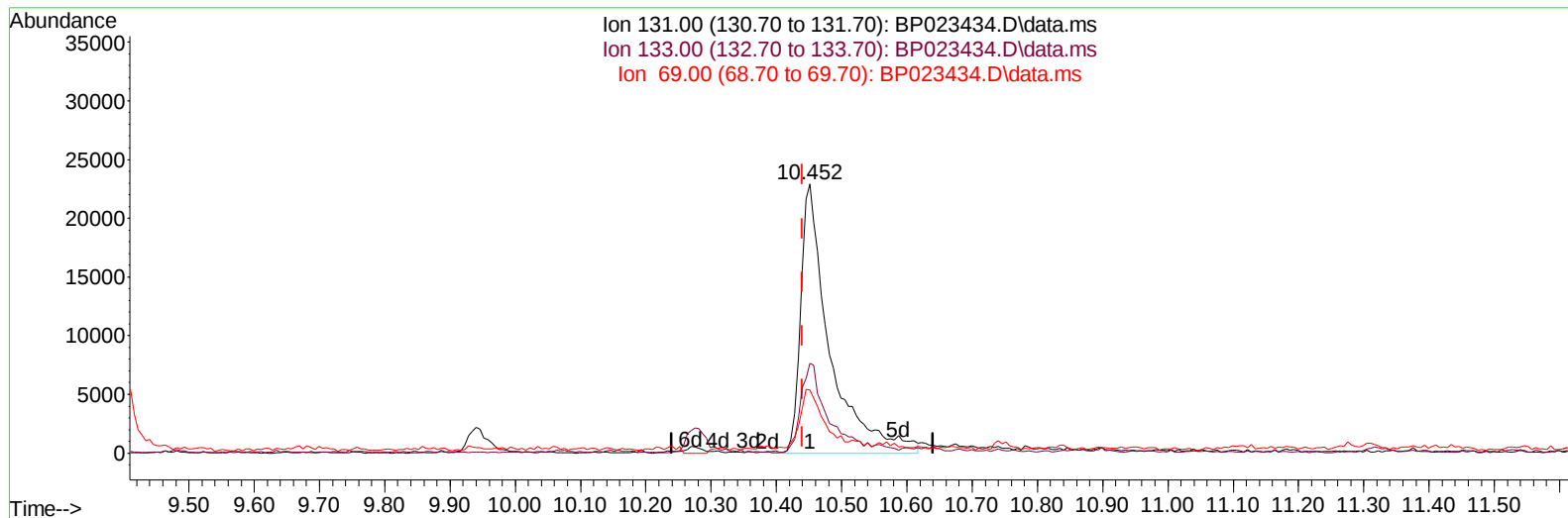
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
Data File : BP023434.D
Acq On : 16 Dec 2024 14:27
Operator : RC/JU
Sample : P5153-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28R4

Manual IntegrationsAPPROVED

Quant Time: Dec 16 23:10:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/19/2024



TIC: BP023434.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.452min (+ 0.012) 6.98 ng/ul m

response 70621

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	31.60	33.28
69.00	24.30	23.38
0.00	0.00	0.00

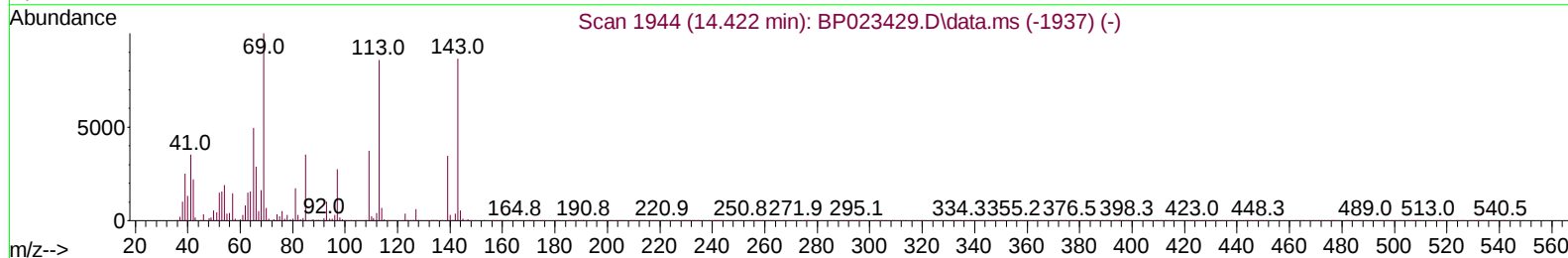
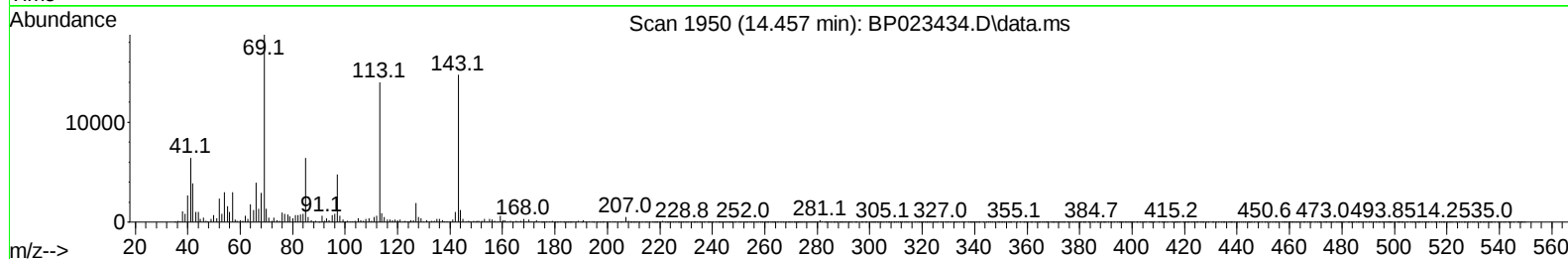
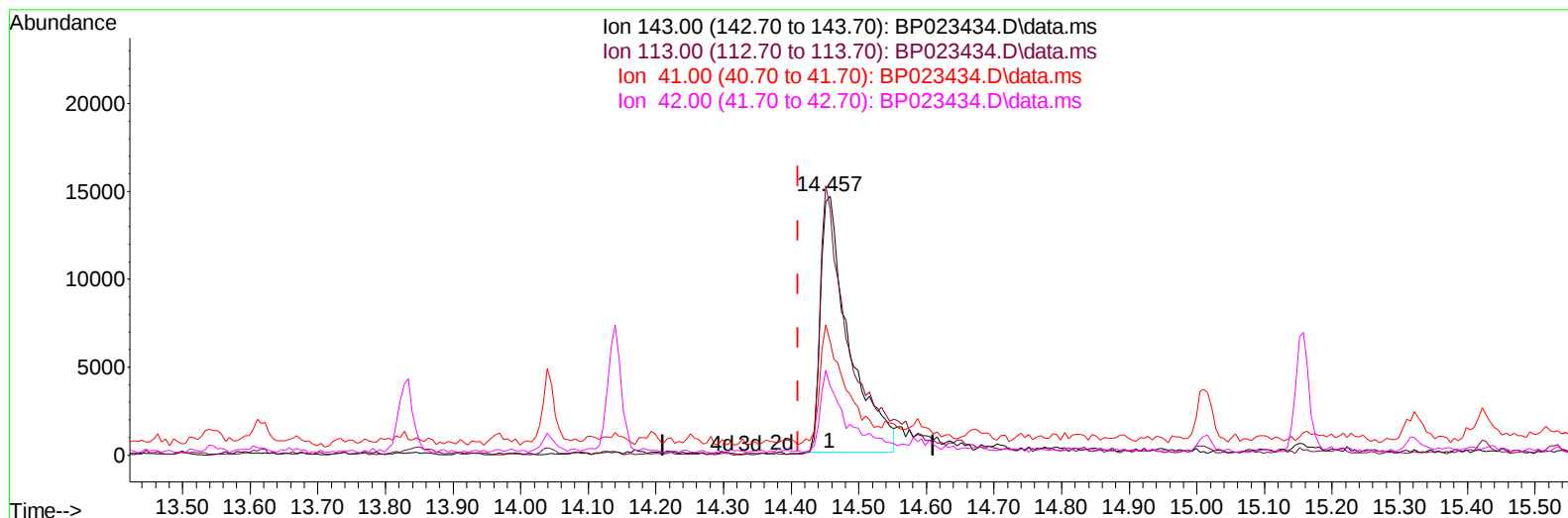
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
Data File : BP023434.D
Acq On : 16 Dec 2024 14:27
Operator : RC/JU
Sample : P5153-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28R4

Manual IntegrationsAPPROVED

Quant Time: Dec 16 23:10:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
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Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/19/2024



TIC: BP023434.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.457min (+ 0.047) 12.42 ng/u1

response 42626

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	106.10	95.01
41.00	45.60	43.69
42.00	31.70	26.53

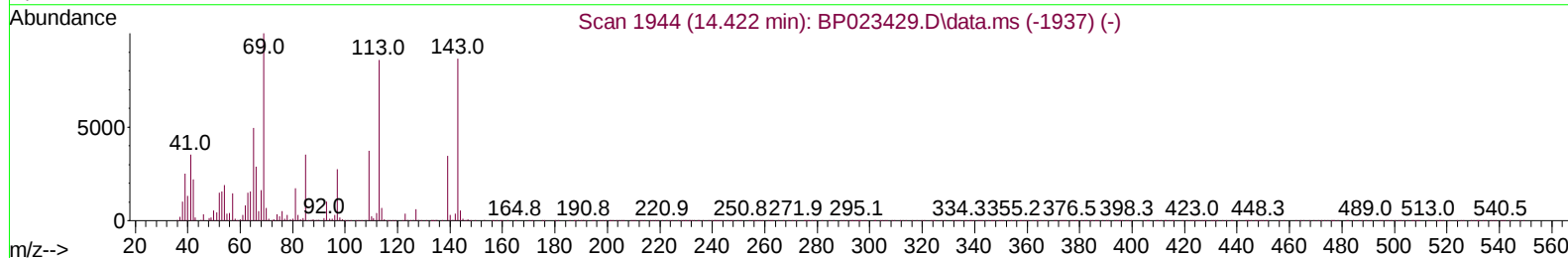
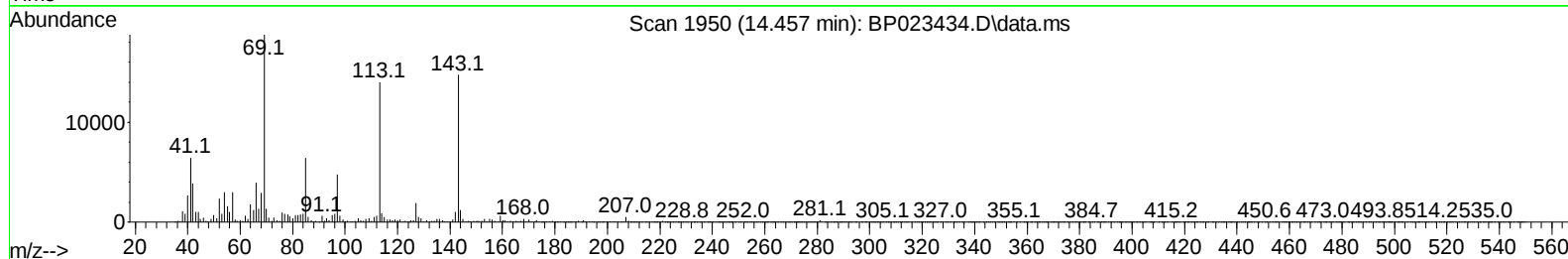
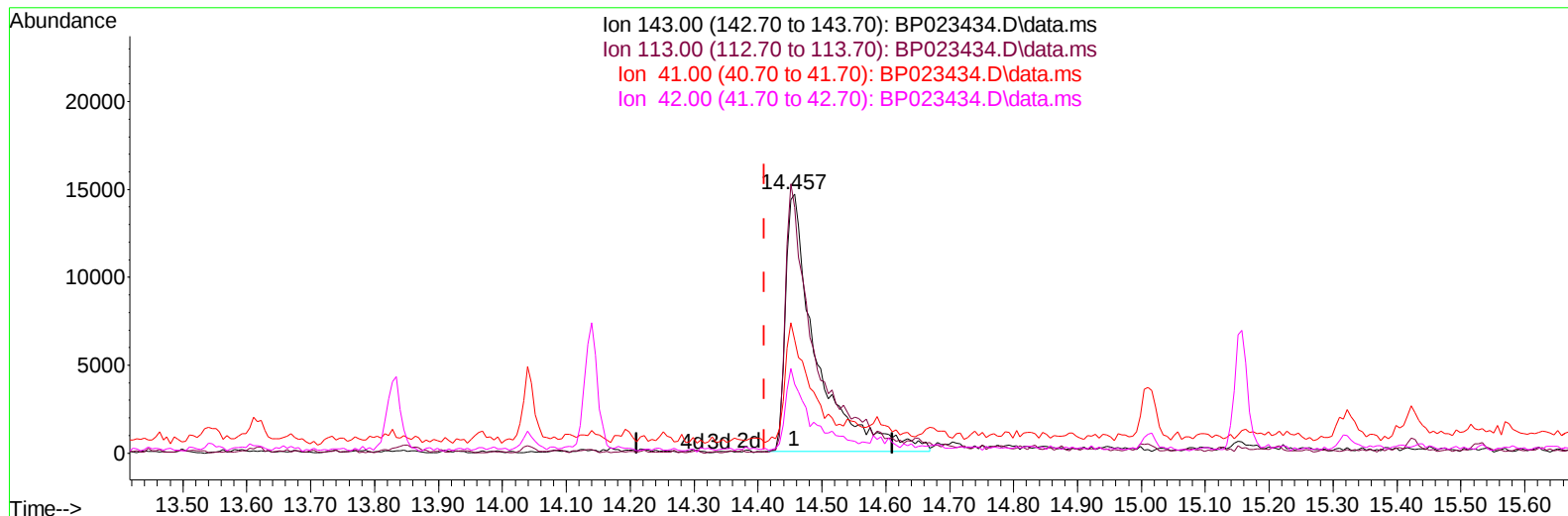
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
Data File : BP023434.D
Acq On : 16 Dec 2024 14:27
Operator : RC/JU
Sample : P5153-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28R4

Manual IntegrationsAPPROVED

Quant Time: Dec 16 23:10:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/19/2024



TIC: BP023434.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.457min (+ 0.047) 14.37 ng/ul m

response 49306

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	106.10	95.01
41.00	45.60	43.69
42.00	31.70	26.53

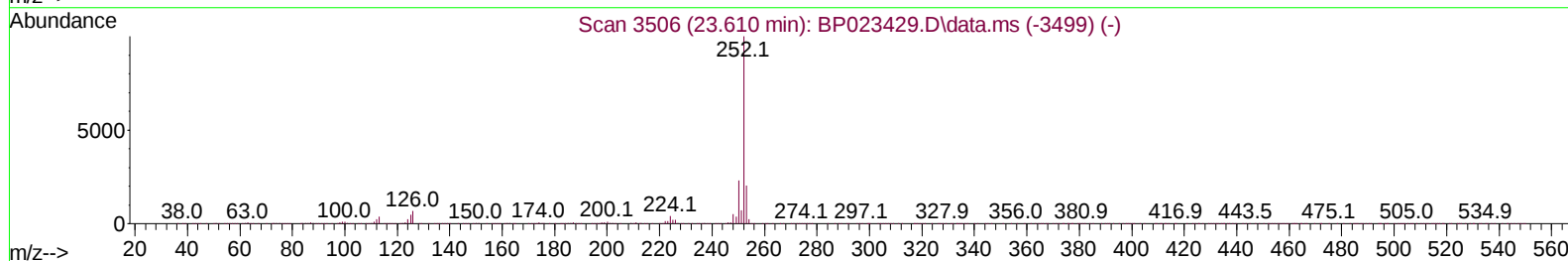
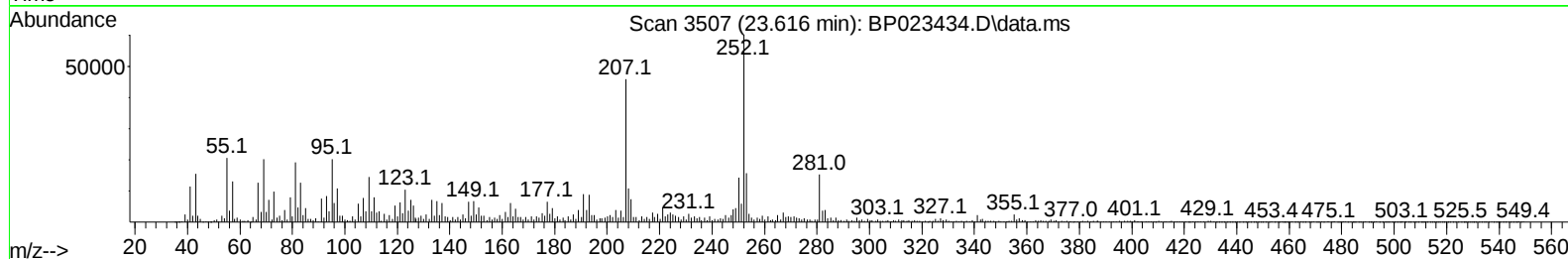
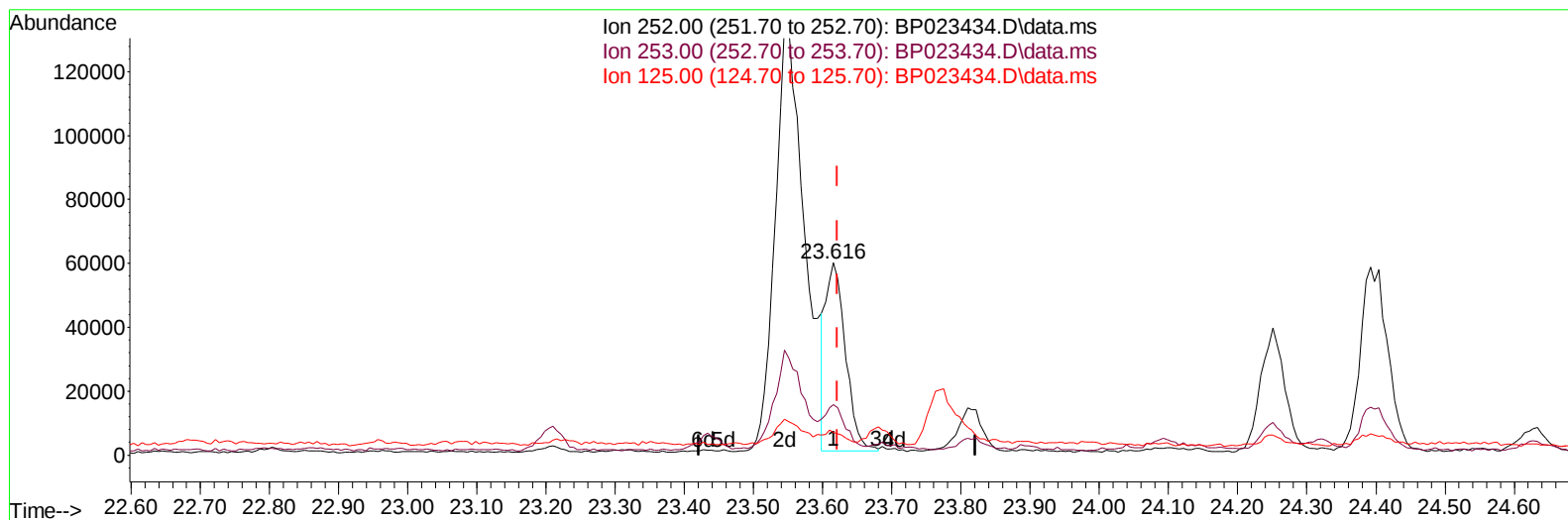
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
 Data File : BP023434.D
 Acq On : 16 Dec 2024 14:27
 Operator : RC/JU
 Sample : P5153-21
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E28R4

Manual IntegrationsAPPROVED

Quant Time: Dec 16 23:10:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 00:30:30 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/18/2024
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TIC: BP023434.D\data.ms

(91) Benzo(k)fluoranthene

23.616min (-0.006) 2.16 ng/u1

response 117199

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	26.22
125.00	5.40	11.91#
0.00	0.00	0.00

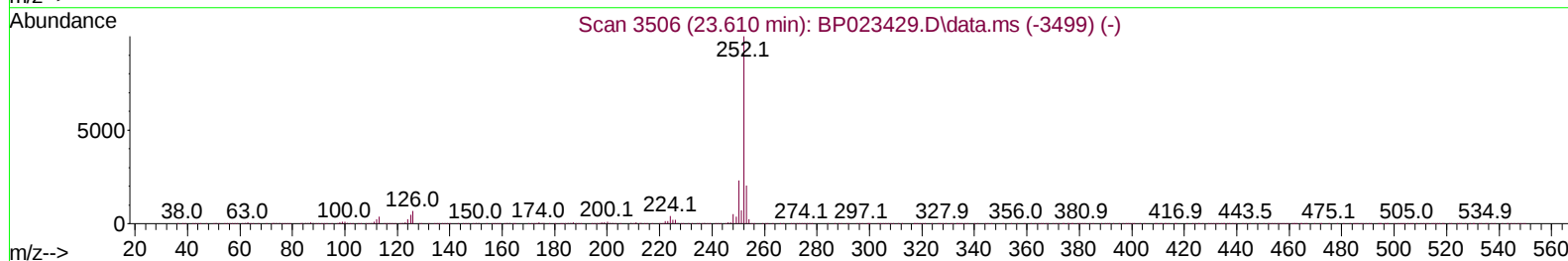
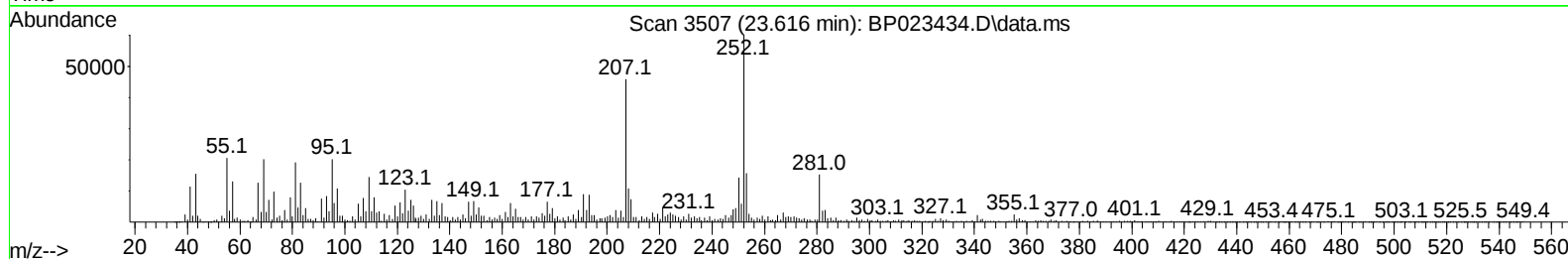
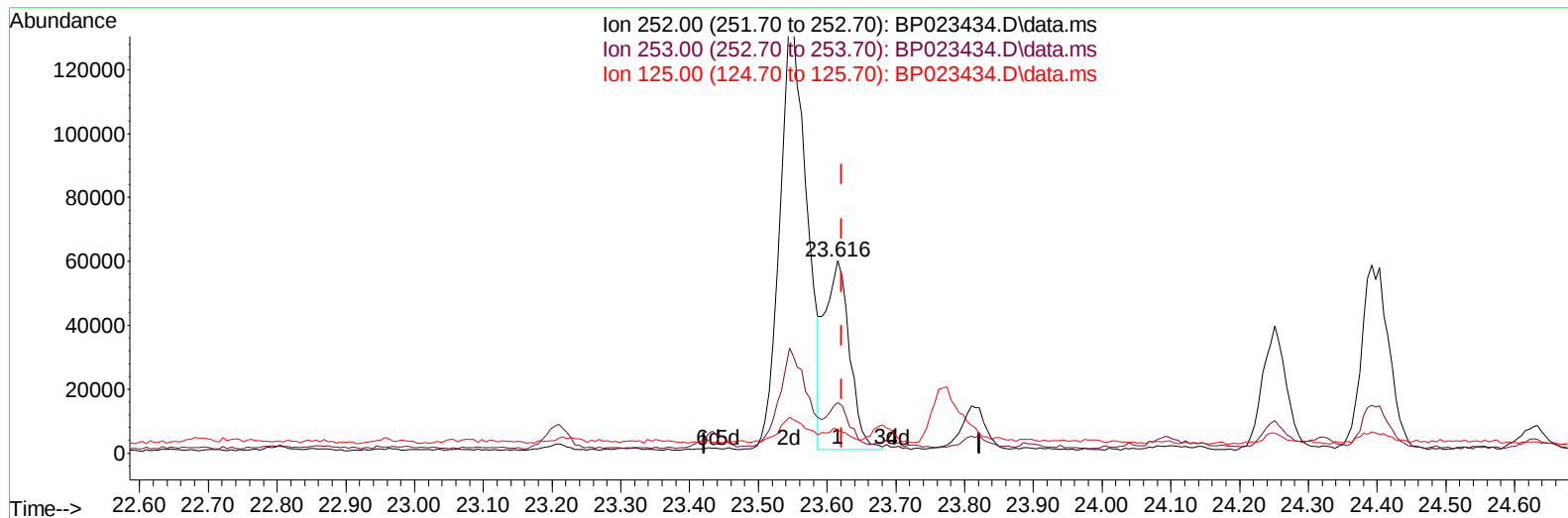
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
Data File : BP023434.D
Acq On : 16 Dec 2024 14:27
Operator : RC/JU
Sample : P5153-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28R4

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/19/2024

Quant Time: Dec 16 23:10:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration



TIC: BP023434.D\data.ms

(91) Benzo(k)fluoranthene

23.616min (-0.006) 2.73 ng/u1 m

response 148126

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	26.22
125.00	5.40	11.91#
0.00	0.00	0.00

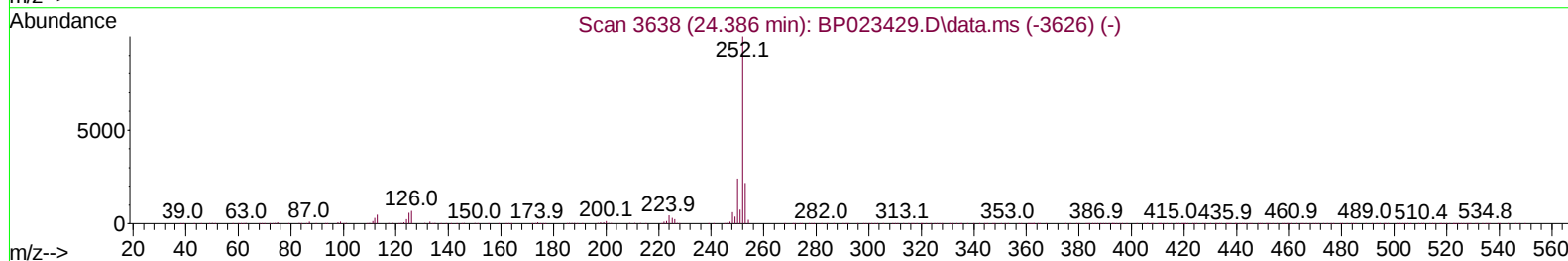
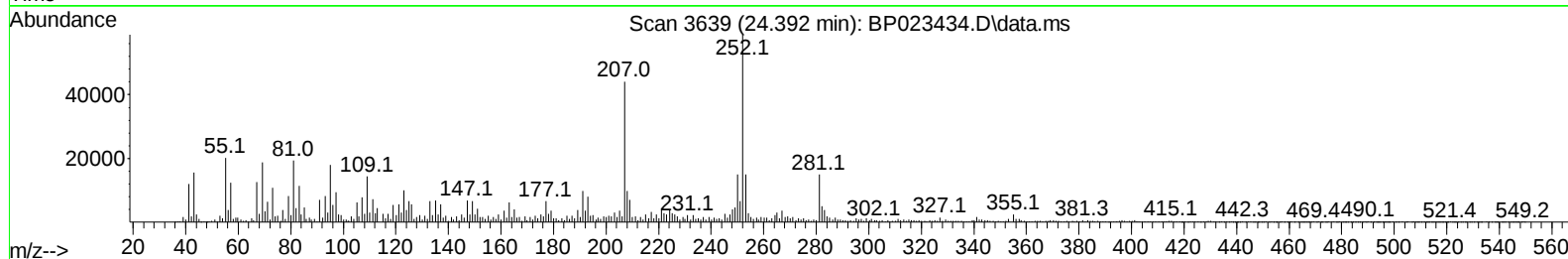
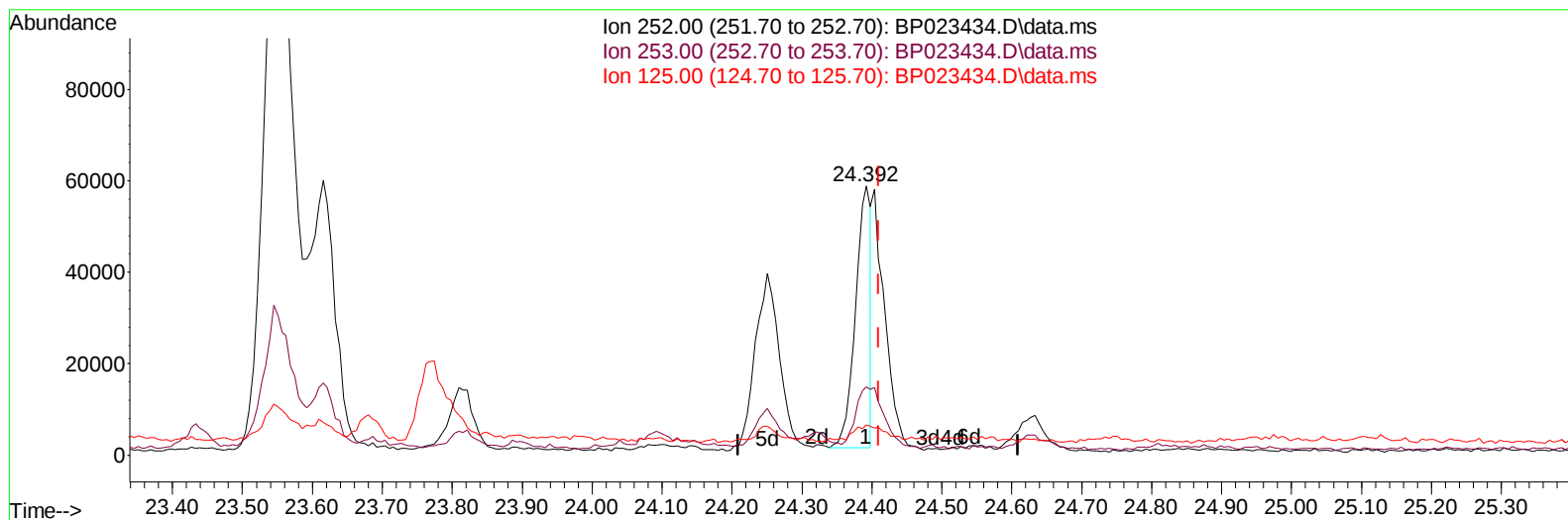
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
Data File : BP023434.D
Acq On : 16 Dec 2024 14:27
Operator : RC/JU
Sample : P5153-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28R4

Manual IntegrationsAPPROVED

Quant Time: Dec 16 23:10:53 2024
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QLast Update : Wed Dec 11 00:30:30 2024
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Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/19/2024



TIC: BP023434.D\data.ms

(93) Benzo(a)pyrene (C)

24.392min (-0.018) 1.80 ng/u1

response 89027

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	25.36
125.00	6.20	11.22#
0.00	0.00	0.00

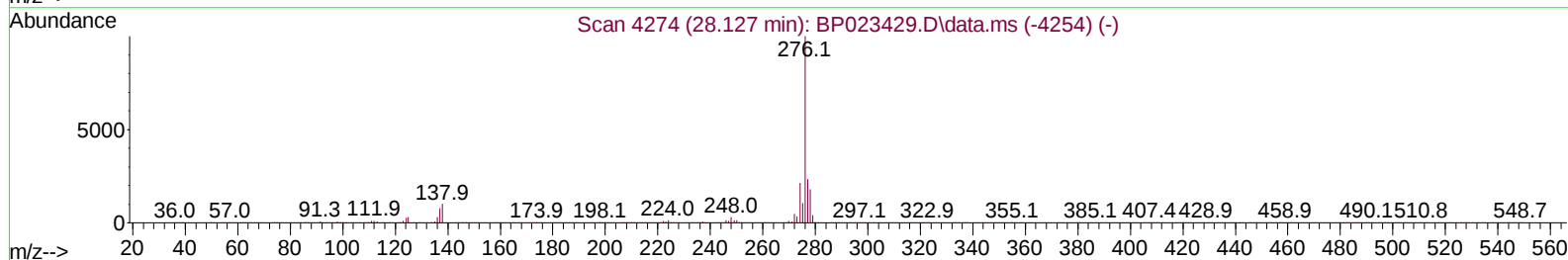
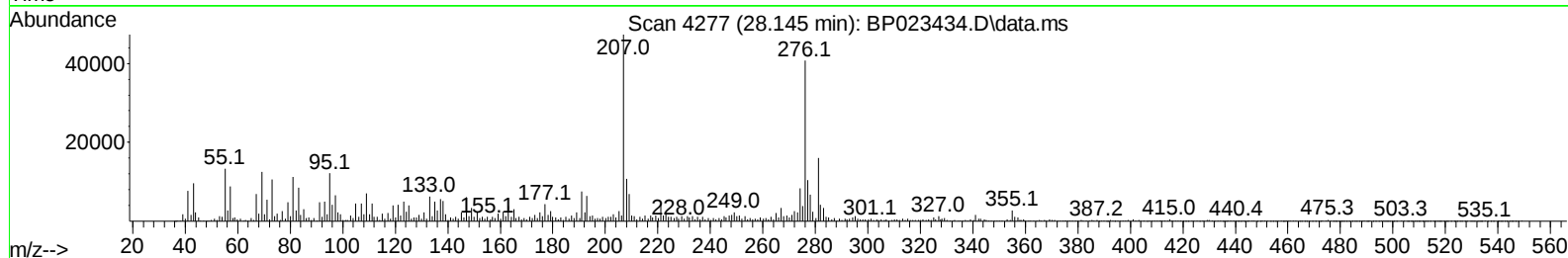
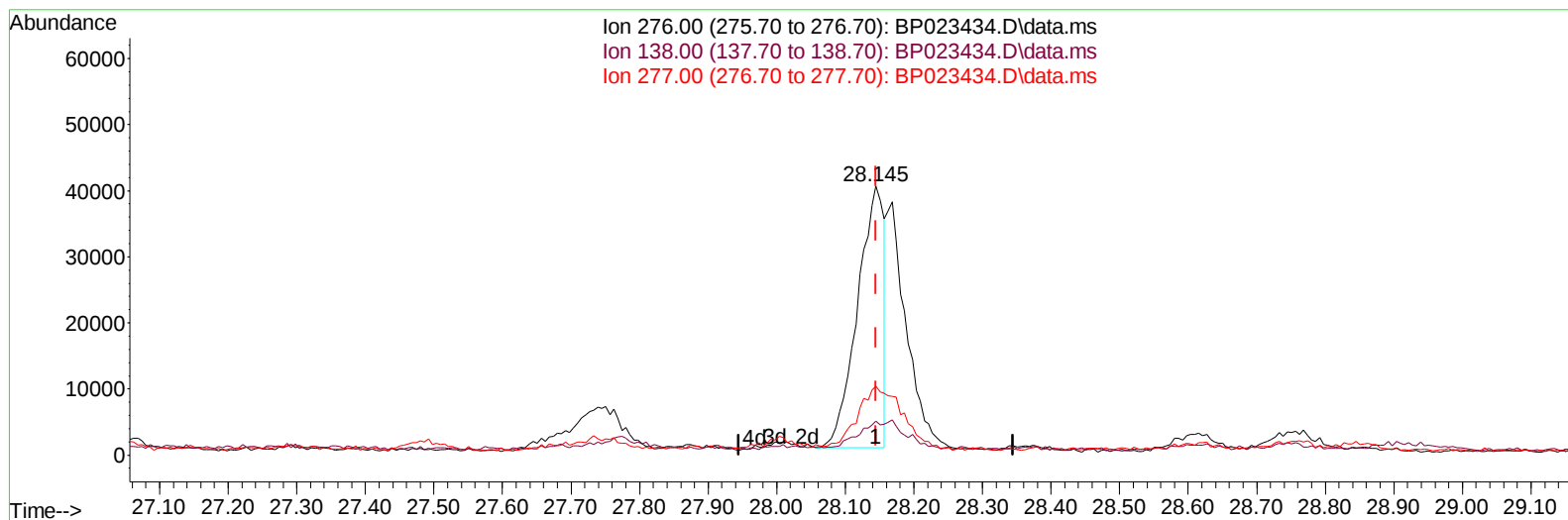
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Data File : BP023434.D
Acq On : 16 Dec 2024 14:27
Operator : RC/JU
Sample : P5153-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28R4

Manual IntegrationsAPPROVED

Quant Time: Dec 16 23:10:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
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Reviewed By :Yogesh Patel 12/18/2024
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TIC: BP023434.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.145min (-0.000) 1.67 ng/u1

response 106176

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.70	12.57#
277.00	24.80	25.62
0.00	0.00	0.00

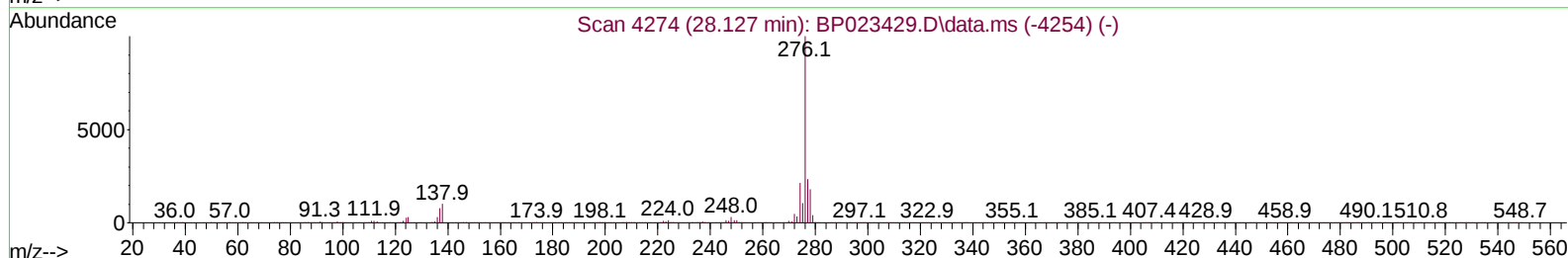
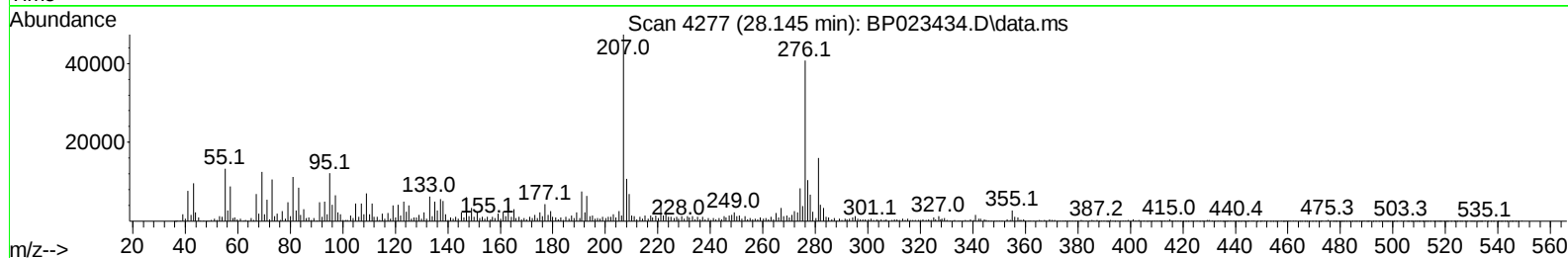
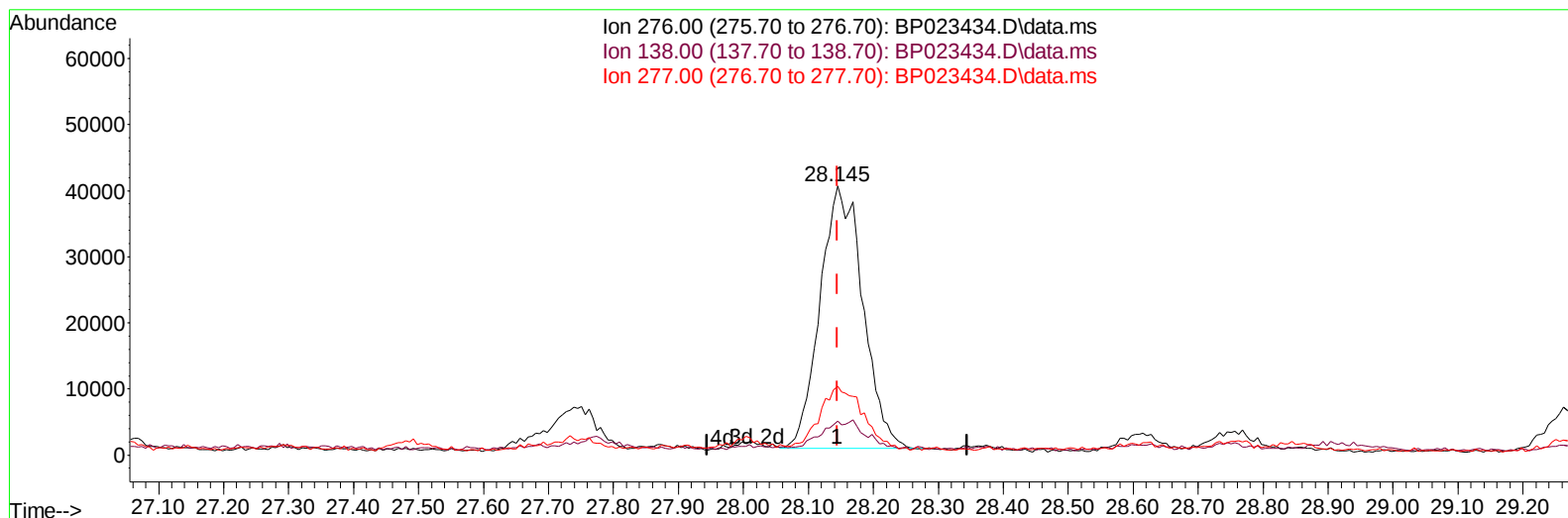
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
Data File : BP023434.D
Acq On : 16 Dec 2024 14:27
Operator : RC/JU
Sample : P5153-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28R4

Manual IntegrationsAPPROVED

Quant Time: Dec 16 23:10:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/19/2024



TIC: BP023434.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.145min (-0.000) 2.84 ng/ul m

response 180283

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.70	12.57#
277.00	24.80	25.62
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
 Data File : BP023434.D
 Acq On : 16 Dec 2024 14:27
 Operator : RC/JU
 Sample : P5153-21
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E28R4

Manual IntegrationsAPPROVED

Quant Time: Dec 16 23:19:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 00:30:30 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/18/2024
 Supervised By :mohammad ahmed 12/19/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.534	152	133280	20.000	ng/ul	0.00
20) Naphthalene-d8	10.275	136	496939	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.140	164	360771	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.945	188	752673	20.000	ng/ul	-0.01
79) Chrysene-d12	21.380	240	763492	20.000	ng/ul	0.00
88) Perylene-d12	24.551	264	866729	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	9402m	2.597	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.758	99	170609	16.315	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	6.887	67	105620	16.008	ng/ul	0.00
11) 2-Chlorophenol-d4	7.087	132	128514	16.651	ng/ul	0.00
15) 4-Methylphenol-d8	8.258	113	130125	15.417	ng/ul	0.00
21) Nitrobenzene-d5	8.681	128	60097	16.195	ng/ul	0.00
24) 2-Nitrophenol-d4	9.387	143	72878	17.040	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.940	165	153817	17.041	ng/ul	0.00
31) 4-Chloroaniline-d4	10.452	131	70621m	6.984	ng/ul	0.01
46) Dimethylphthalate-d6	13.551	166	461787	16.488	ng/ul	0.00
49) Acenaphthylene-d8	13.834	160	501187	16.966	ng/ul	0.00
54) 4-Nitrophenol-d4	14.457	143	49306m	14.366	ng/ul	0.05
60) Fluorene-d10	15.157	176	408896	16.599	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.322	200	40856	8.982	ng/ul	0.01
73) Anthracene-d10	17.051	188	632222	18.405	ng/ul	0.00
81) Pyrene-d10	19.439	212	641701	16.087	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.333	264	479788	10.341	ng/ul	-0.01
Target Compounds						
					Qvalue	
8) Phenol	6.781	94	19775	1.816	ng/ul	98
16) Acetophenone	8.358	105	40305	2.837	ng/ul	96
30) Naphthalene	10.322	128	48902	1.880	ng/ul	99
36) 2-Methylnaphthalene	11.946	142	24273	1.258	ng/ul	100
72) Phenanthrene	16.987	178	135346	3.478	ng/ul	99
80) Fluoranthene	19.086	202	206404	4.516	ng/ul	98
82) Pyrene	19.469	202	179729	3.706	ng/ul	99
85) Benzo(a)anthracene	21.363	228	169859	3.318	ng/ul#	94
87) Chrysene	21.427	228	220466	4.494	ng/ul#	95
90) Benzo(b)fluoranthene	23.545	252	366915	6.738	ng/ul#	95
91) Benzo(k)fluoranthene	23.616	252	148126m	2.734	ng/ul	
93) Benzo(a)pyrene	24.392	252	163960m	3.321	ng/ul	
94) Indeno(1,2,3-cd)pyrene	28.145	276	180283m	2.841	ng/ul	
95) Dibenzo(a,h)anthracene	28.198	278	59972	1.181	ng/ul#	81

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
Data File : BP023434.D
Acq On : 16 Dec 2024 14:27
Operator : RC/JU
Sample : P5153-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28R4

Manual IntegrationsAPPROVED

Quant Time: Dec 16 23:19:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/19/2024

