

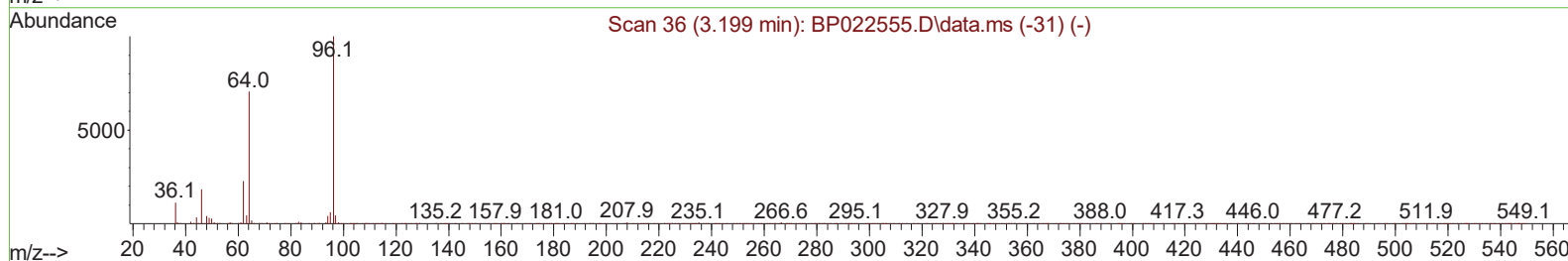
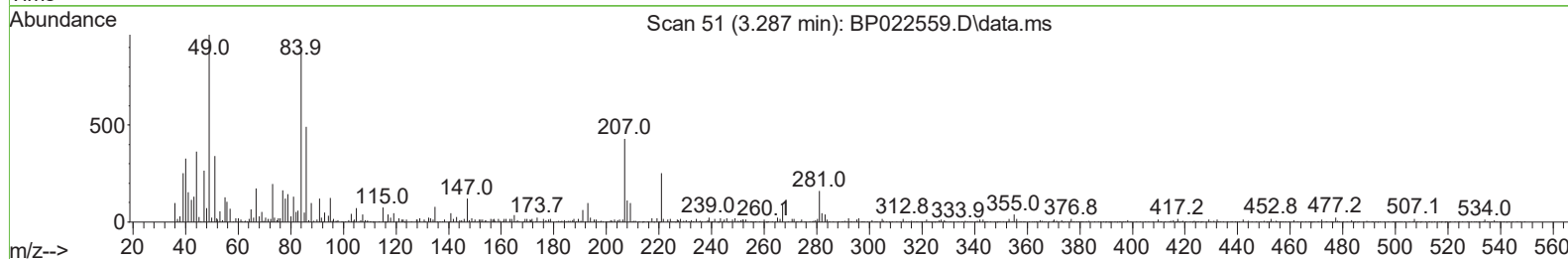
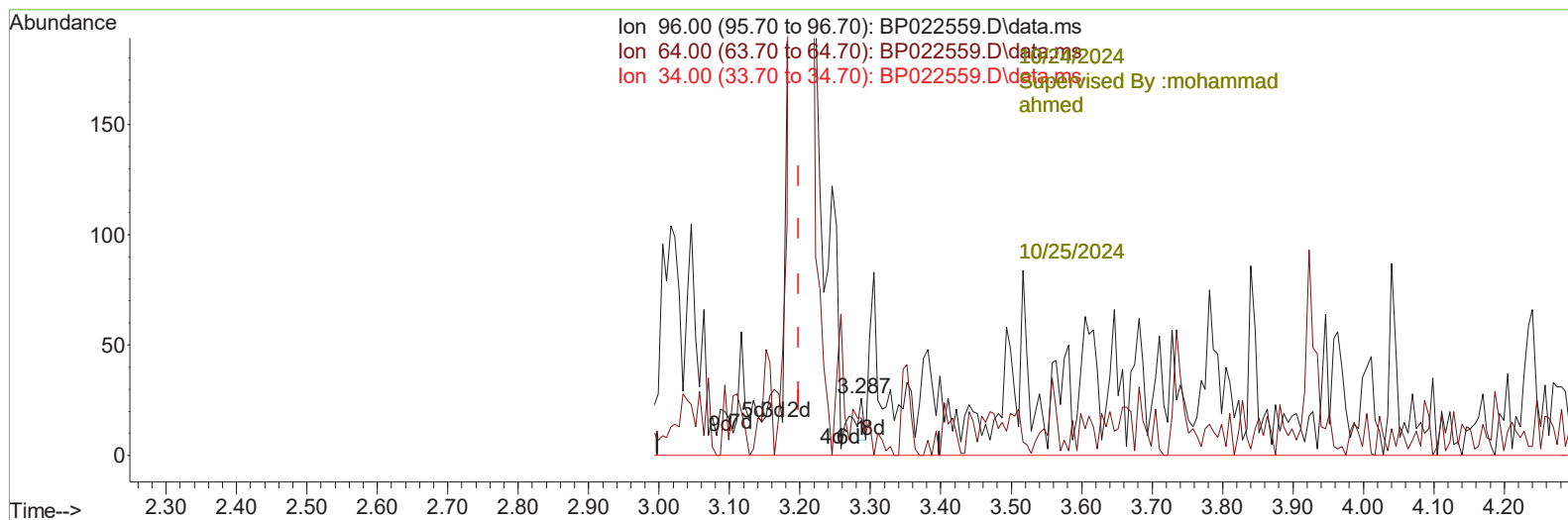
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022559.D
Acq On : 23 Oct 2024 12:08
Operator : RC/JU
Sample : P4361-13RX
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EOAZ4RX

Manual IntegrationsAPPROVED

Quant Time: Oct 23 12:41:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 22 05:59:59 2024
Response via : Initial Calibration

Reviewed By :Yogesh
Patel



TIC: BP022559.D\data.ms

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

3.287min (+ 0.089) 0.00 ng/uL

response 7

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	76.40	65.38
34.00	0.00	0.00
0.00	0.00	0.00

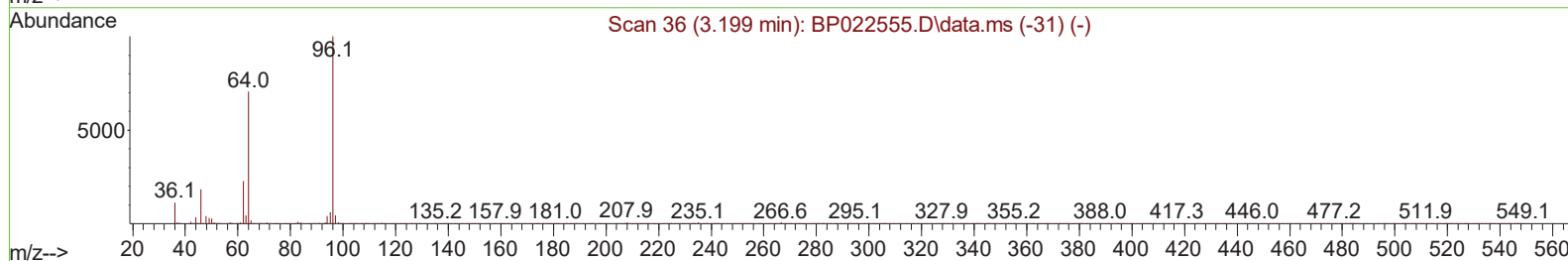
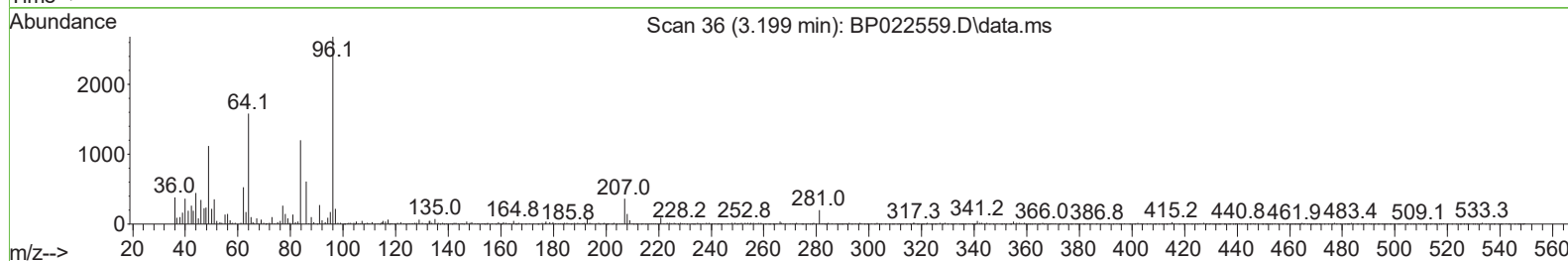
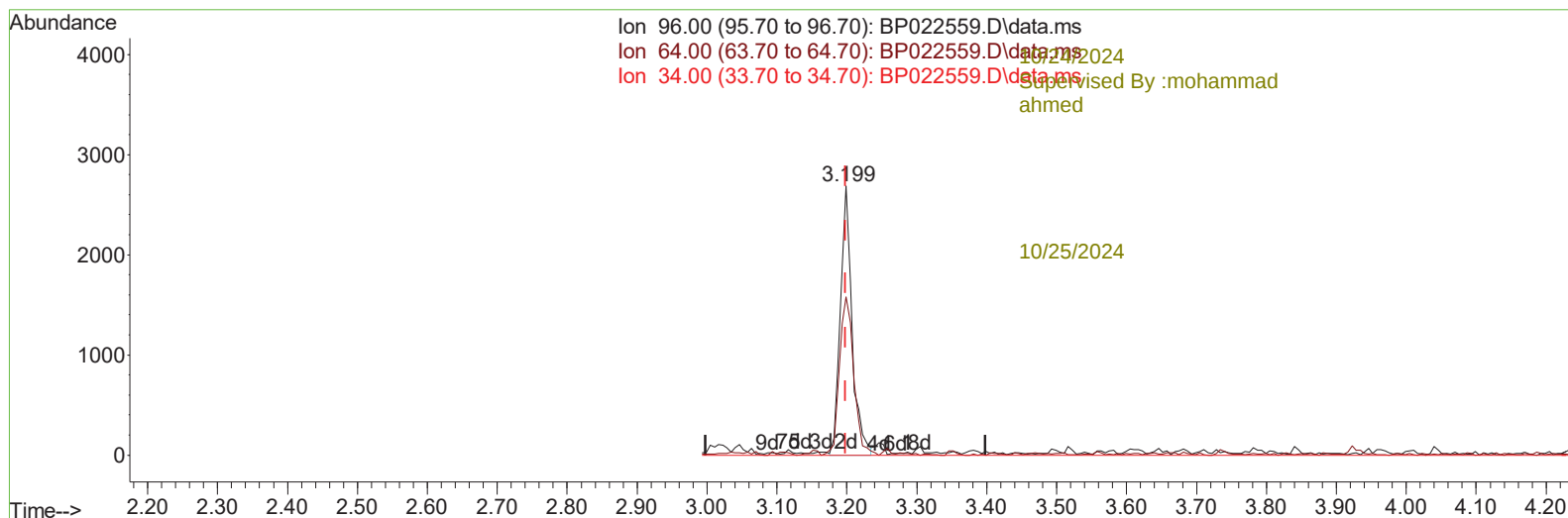
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022559.D
Acq On : 23 Oct 2024 12:08
Operator : RC/JU
Sample : P4361-13RX
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EOAZ4RX

Manual IntegrationsAPPROVED

Quant Time: Oct 23 12:41:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 22 05:59:59 2024
Response via : Initial Calibration

Reviewed By :Yogesh
Patel



TIC: BP022559.D\data.ms

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

3.199min (+ 0.000) 1.47 ng/uL m

response 3116

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	76.40	58.86#
34.00	0.00	0.00
0.00	0.00	0.00

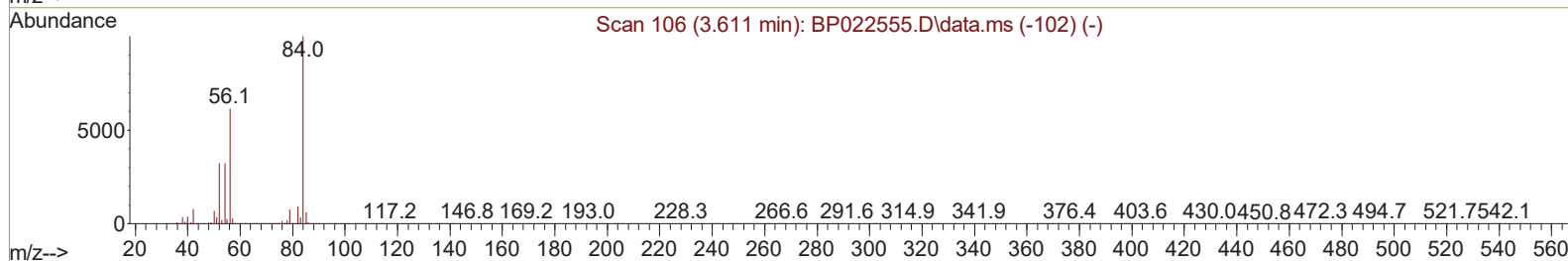
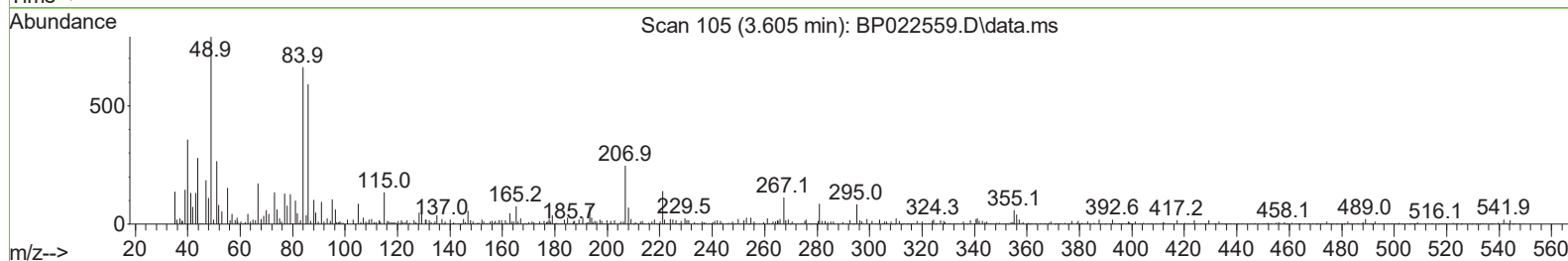
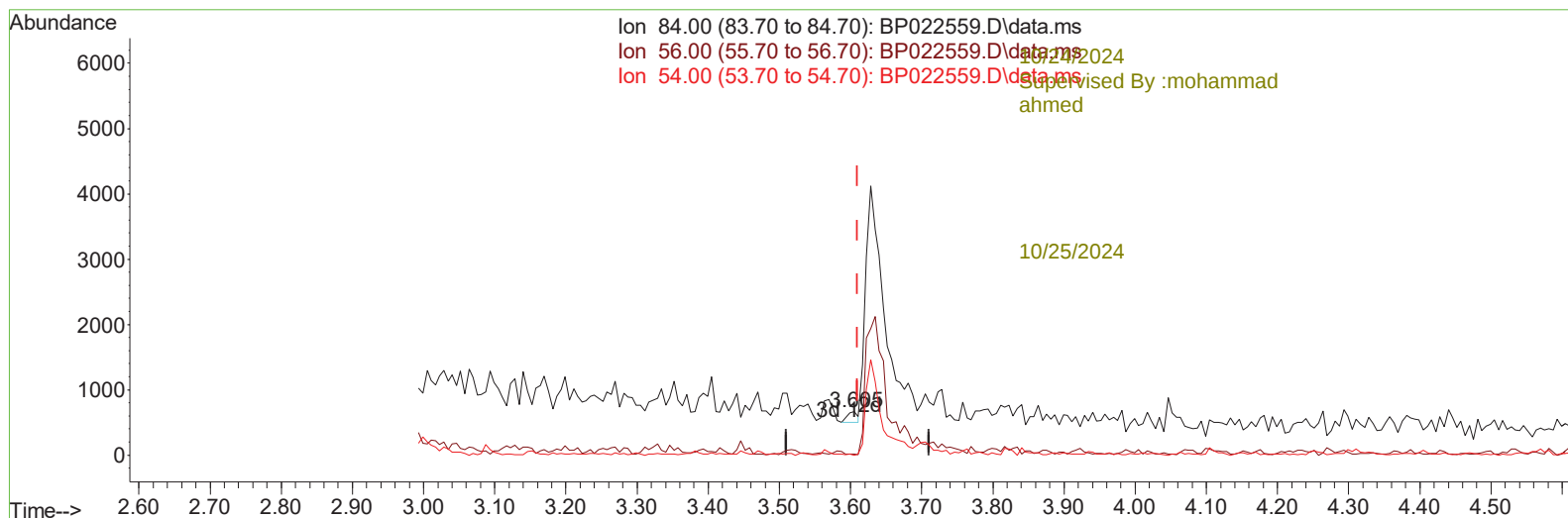
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022559.D
Acq On : 23 Oct 2024 12:08
Operator : RC/JU
Sample : P4361-13RX
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EOAZ4RX

Manual IntegrationsAPPROVED

Quant Time: Oct 23 12:41:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 22 05:59:59 2024
Response via : Initial Calibration

Reviewed By :Yogesh
Patel



TIC: BP022559.D\data.ms

(4) Pyridine-d5 (S)

3.605min (-0.006) 0.03 ng/u1

response

164

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	61.10	2.56#
54.00	30.90	0.00#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022559.D
Acq On : 23 Oct 2024 12:08
Operator : RC/JU
Sample : P4361-13RX
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EOAZ4RX

Manual IntegrationsAPPROVED

Quant Time: Oct 23 12:41:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 22 05:59:59 2024
Response via : Initial Calibration

Reviewed By :Yogesh
Patel

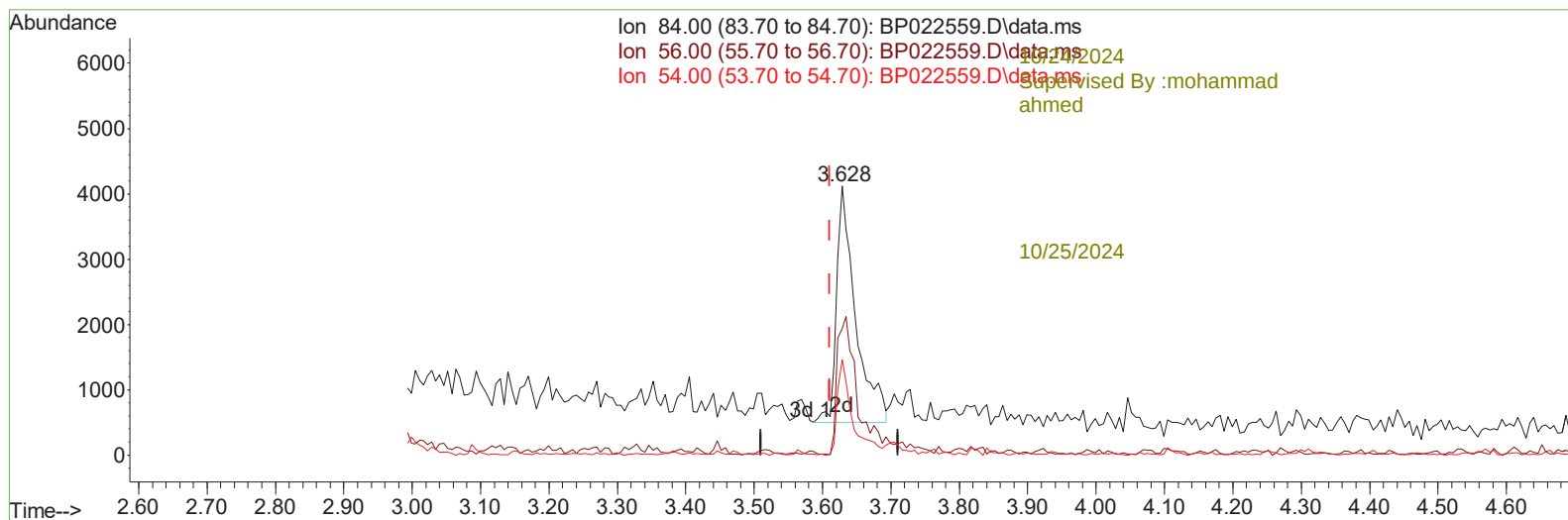
Ion 84.00 (83.70 to 84.70): BP022559.D\data.ms

Ion 56.00 (55.70 to 56.70): BP022559.D\data.ms

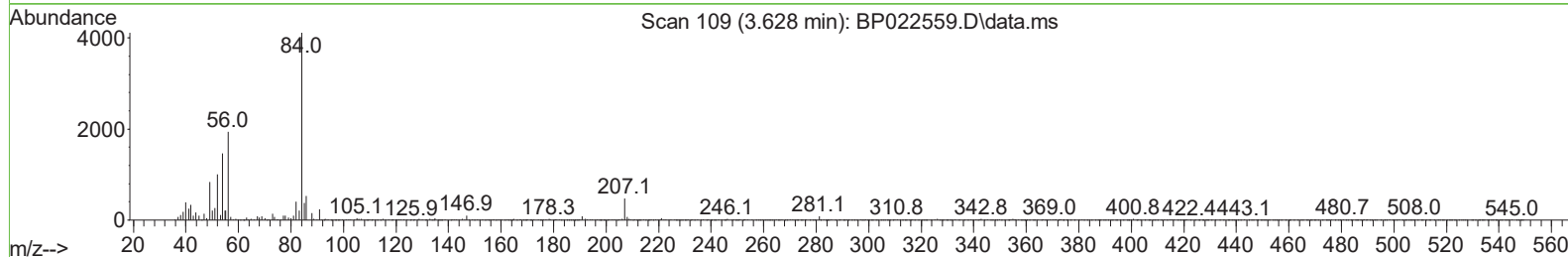
Ion 54.00 (53.70 to 54.70): BP022559.D\data.ms

Supervised By :mohammad
ahmed

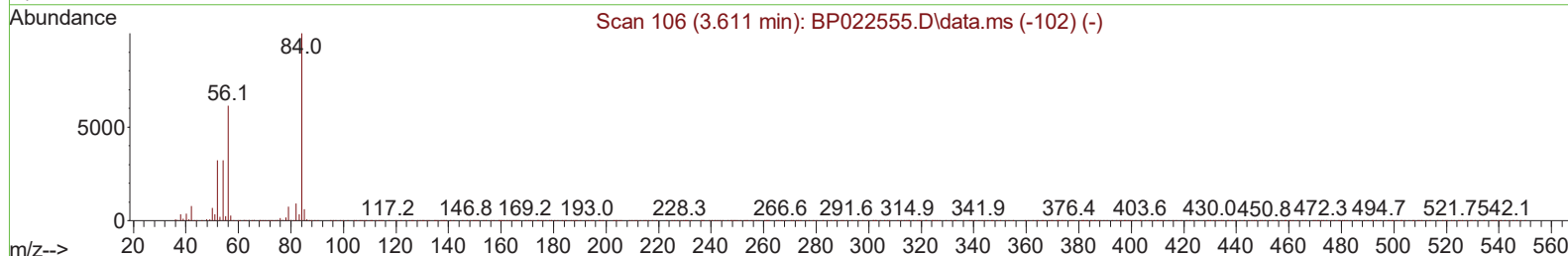
10/25/2024



Scan 109 (3.628 min): BP022559.D\data.ms



Scan 106 (3.611 min): BP022555.D\data.ms (-102) (-)



TIC: BP022559.D\data.ms

(4) Pyridine-d5 (S)

3.628min (+ 0.018) 1.20 ng/ul m

response 7005

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	61.10	47.01#
54.00	30.90	35.53
0.00	0.00	0.00

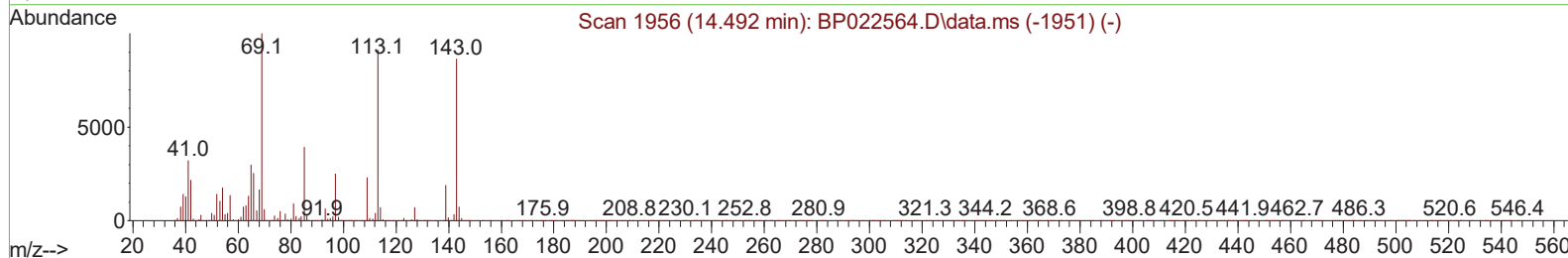
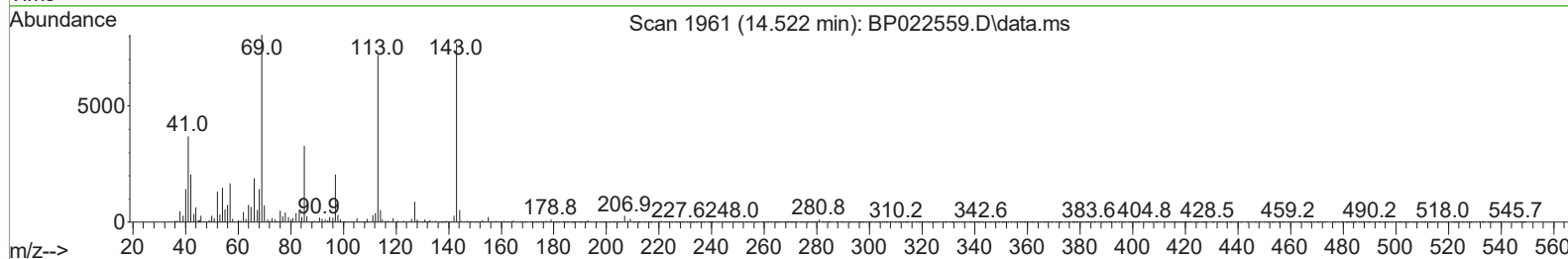
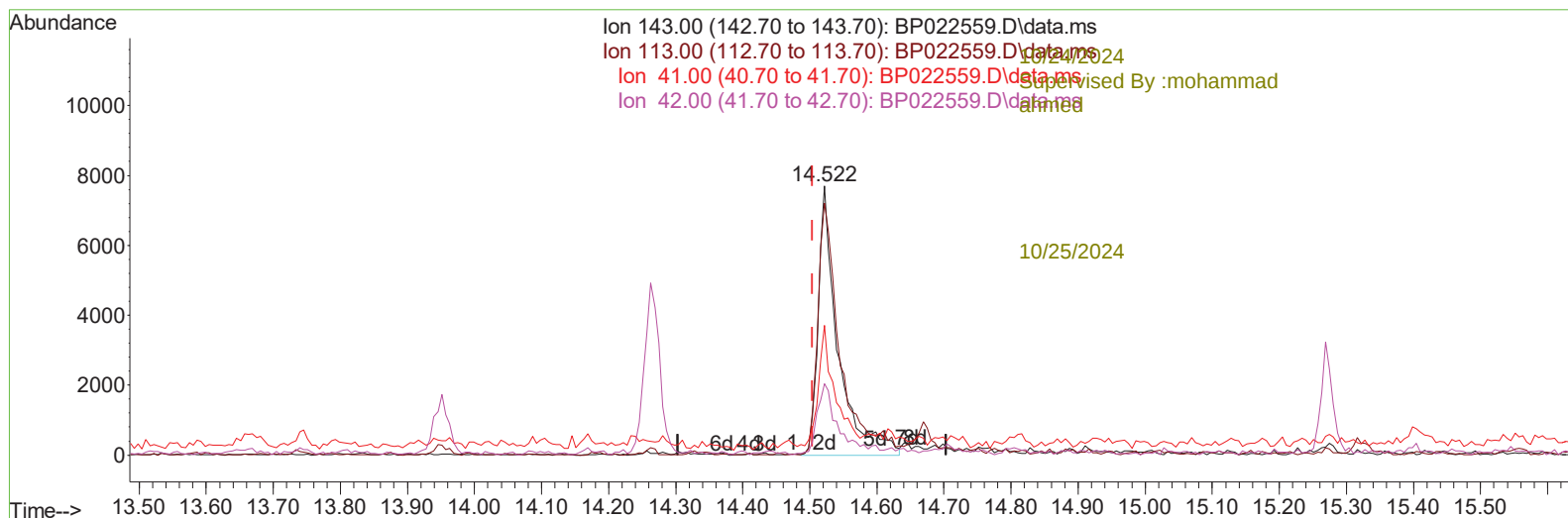
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
 Data File : BP022559.D
 Acq On : 23 Oct 2024 12:08
 Operator : RC/JU
 Sample : P4361-13RX
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EOAZ4RX

Manual IntegrationsAPPROVED

Quant Time: Oct 23 23:22:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 22 05:59:59 2024
 Response via : Initial Calibration

Reviewed By :Yogesh
 Patel



TIC: BP022559.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.522min (+ 0.018) 4.71 ng/ul m

response 15780

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	97.60	93.70
41.00	35.90	48.17#
42.00	23.70	26.64

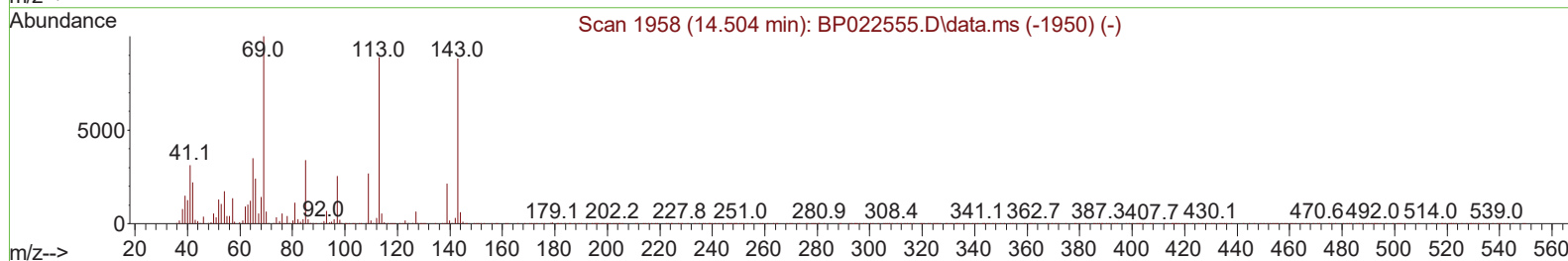
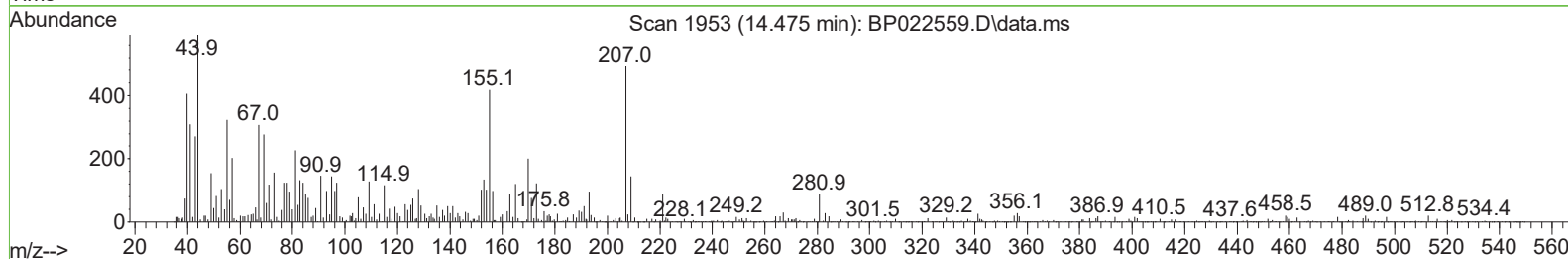
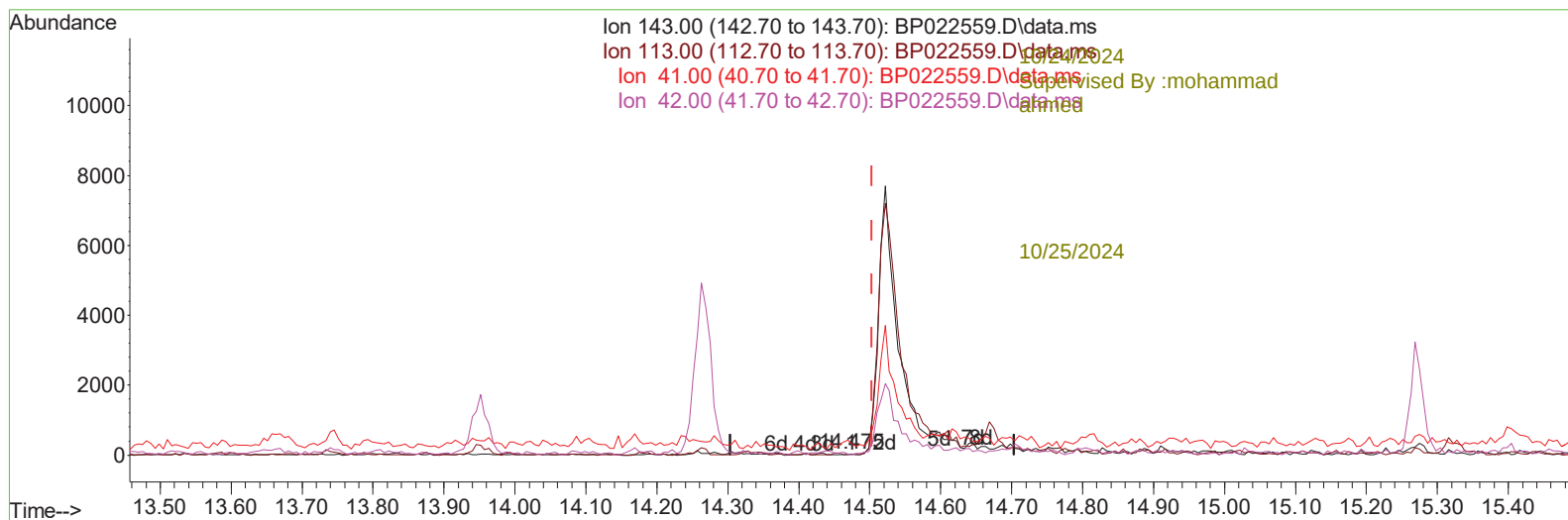
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022559.D
Acq On : 23 Oct 2024 12:08
Operator : RC/JU
Sample : P4361-13RX
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EOAZ4RX

Manual IntegrationsAPPROVED

Quant Time: Oct 23 12:41:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 22 05:59:59 2024
Response via : Initial Calibration

Reviewed By :Yogesh
Patel



TIC: BP022559.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.475min (-0.029) 0.01 ng/u1

response 17

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	97.60	93.10
41.00	35.90	1068.97#
42.00	23.70	58.62#

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022559.D
Acq On : 23 Oct 2024 12:08
Operator : RC/JU
Sample : P4361-13RX
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EOAZ4RX

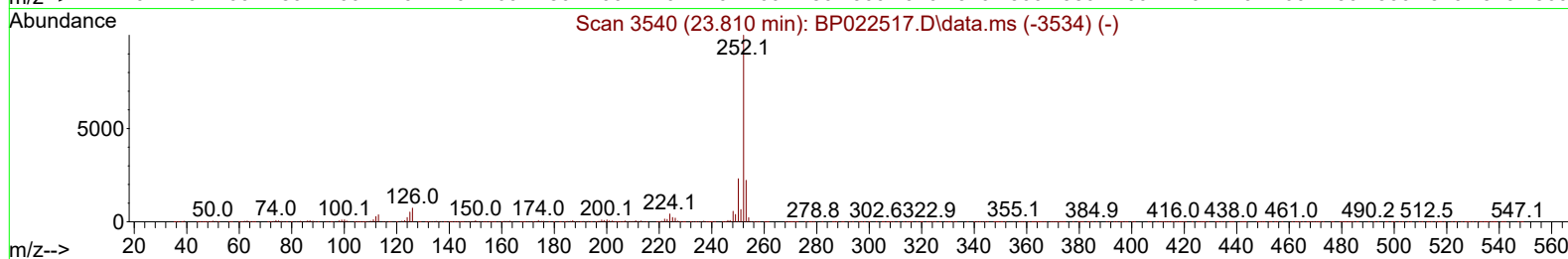
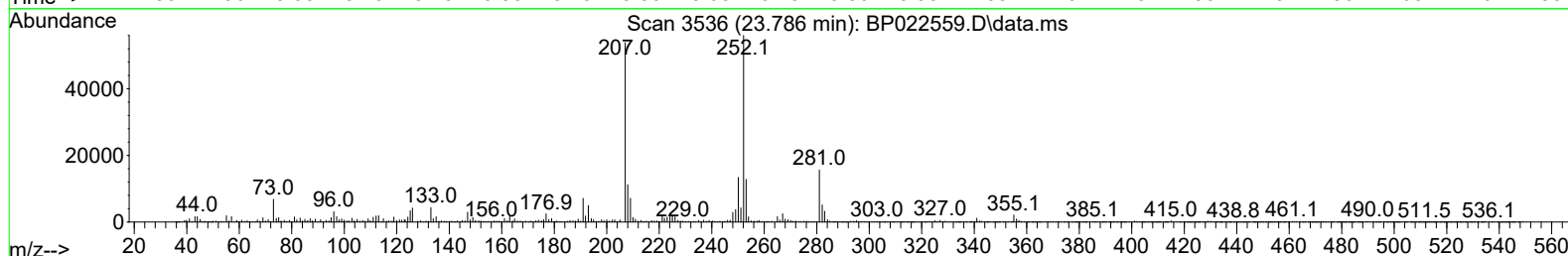
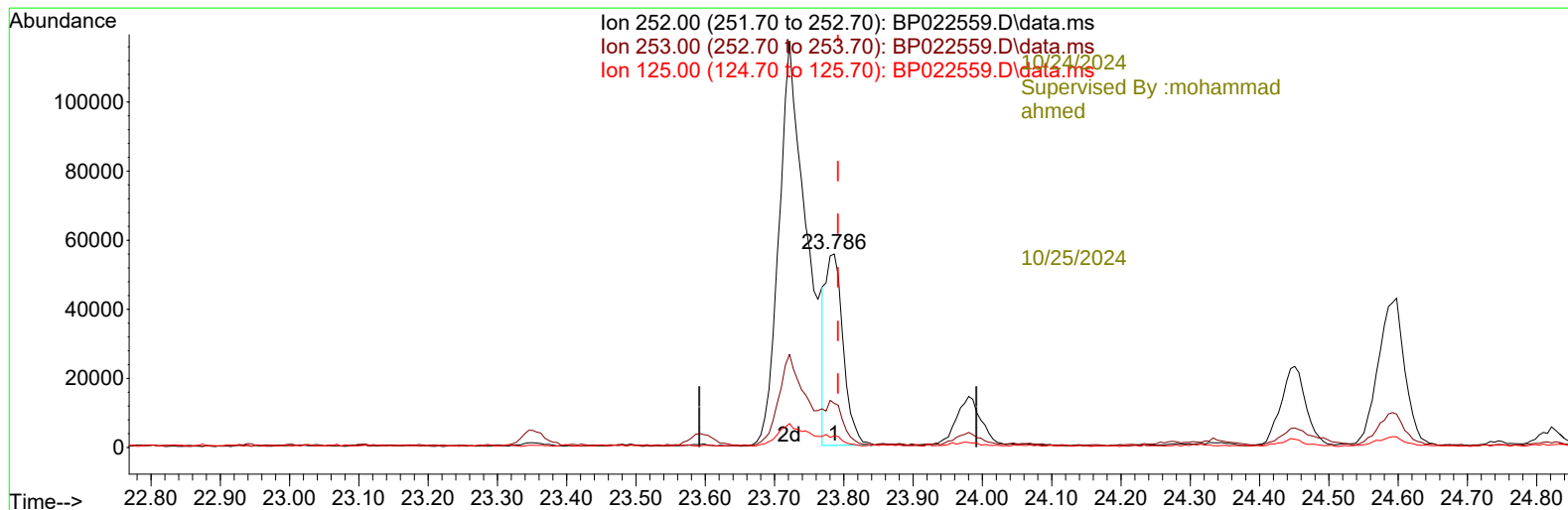
Manual IntegrationsAPPROVED

Quant Time: Oct 24 08:37:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 22 05:59:59 2024
Response via : Initial Calibration

Reviewed By :Yogesh
Patel

10/24/2024
Supervised By :mohammad
ahmed

10/25/2024



TIC: BP022559.D\data.ms

(91) Benzo(k)fluoranthene

23.786min (-0.006) 1.82 ng/u1

response 97581

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	22.86
125.00	5.70	6.02
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022559.D
Acq On : 23 Oct 2024 12:08
Operator : RC/JU
Sample : P4361-13RX
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EOAZ4RX

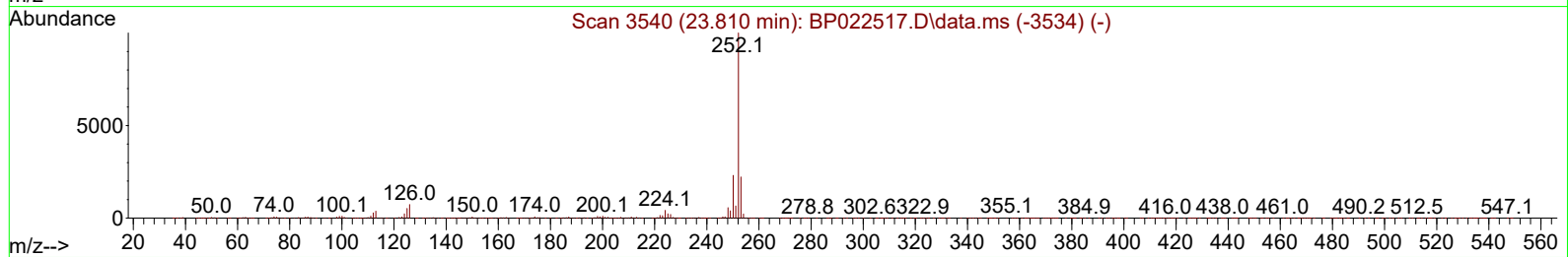
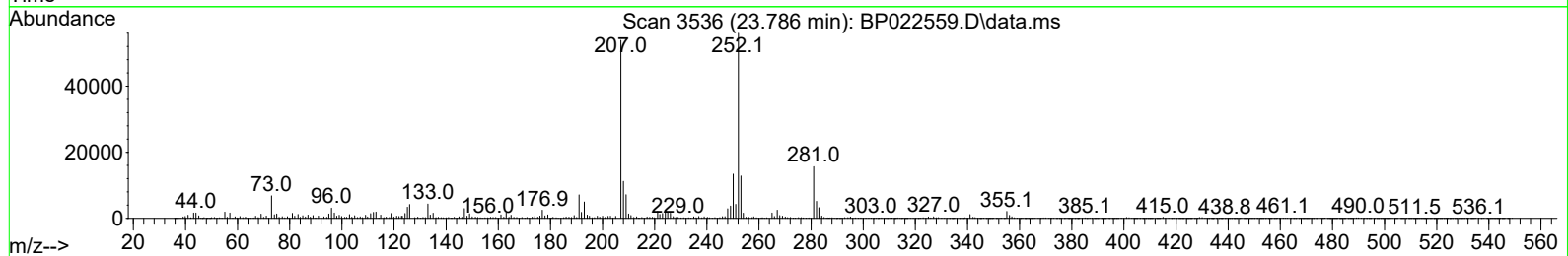
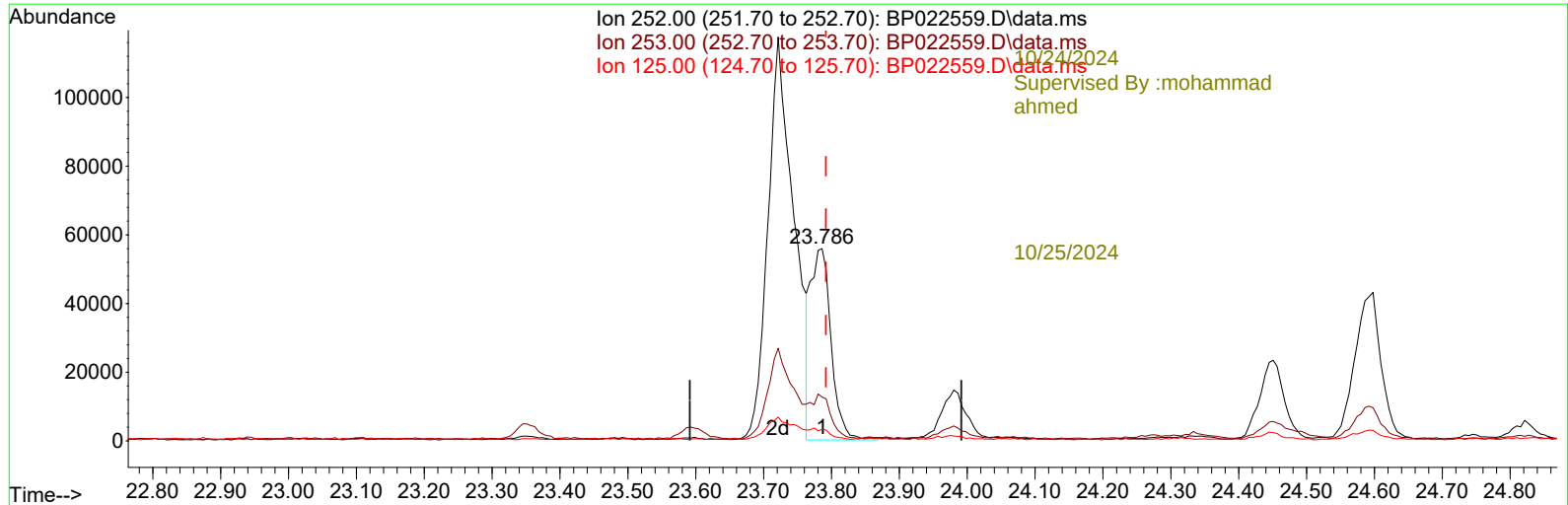
Manual IntegrationsAPPROVED

Quant Time: Oct 23 23:23:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 22 05:59:59 2024
Response via : Initial Calibration

Reviewed By :Yogesh
Patel

10/24/2024
Supervised By :mohammad
ahmed

10/25/2024



TIC: BP022559.D\data.ms

(91) Benzo(k)fluoranthene

23.786min (-0.006) 2.17 ng/u1 m

response 116424

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	22.86
125.00	5.70	6.02
0.00	0.00	0.00

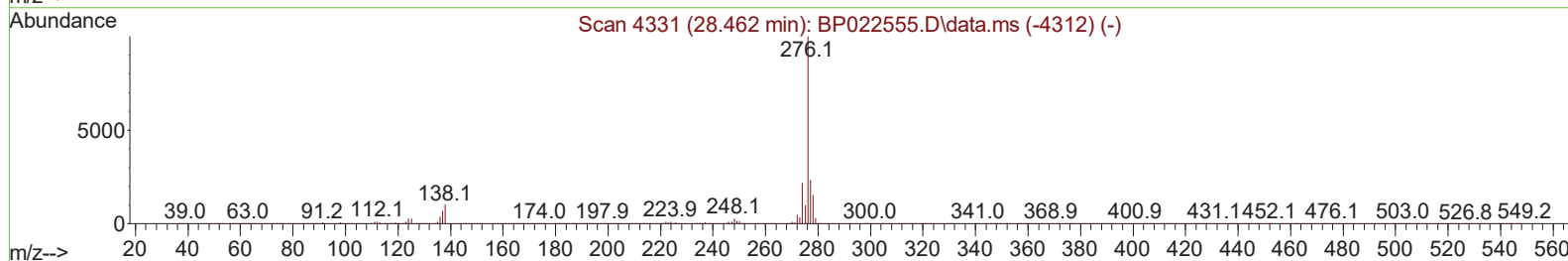
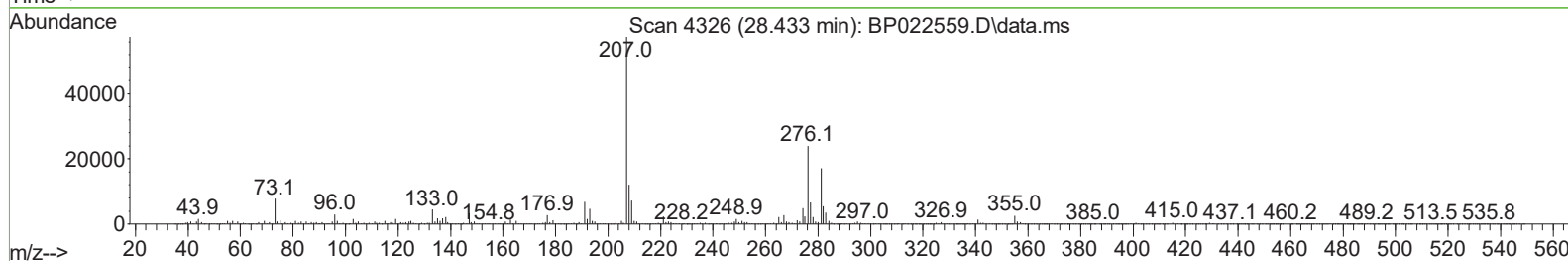
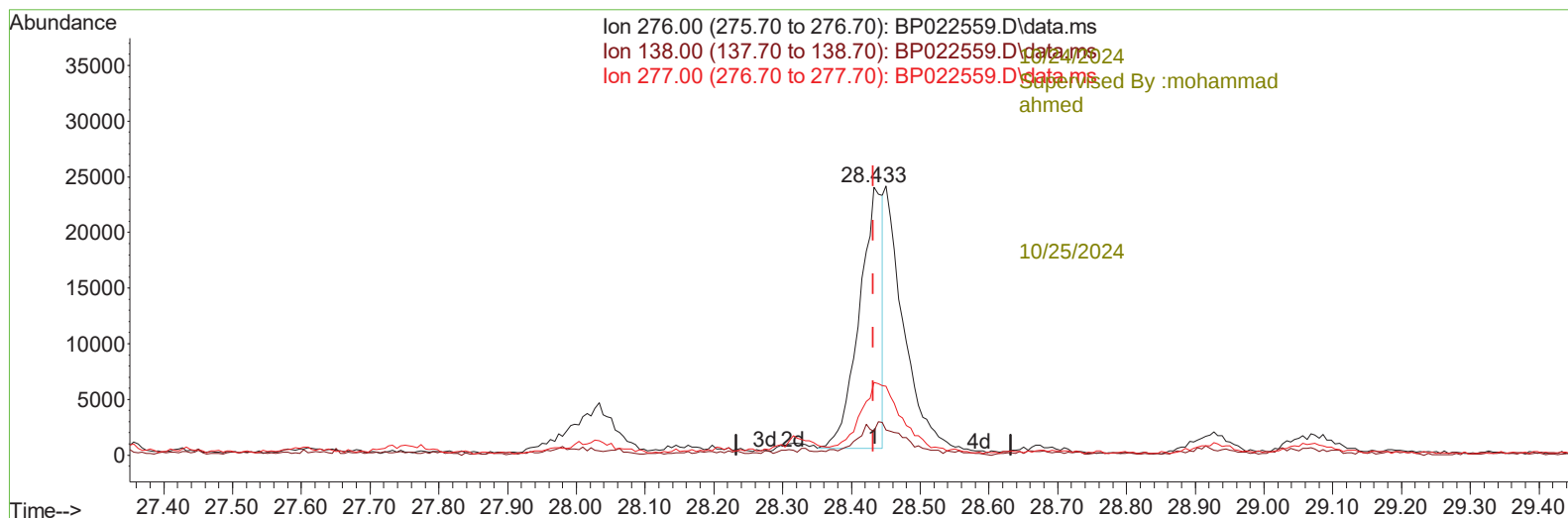
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022559.D
Acq On : 23 Oct 2024 12:08
Operator : RC/JU
Sample : P4361-13RX
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EOAZ4RX

Manual IntegrationsAPPROVED

Quant Time: Oct 23 12:41:11 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 22 05:59:59 2024
Response via : Initial Calibration

Reviewed By :Yogesh
Patel



TIC: BP022559.D\data.ms

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

28.433min (+ 0.000) 0.82 ng/u1

response 55338

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.40	8.85#
277.00	23.20	27.18
0.00	0.00	0.00

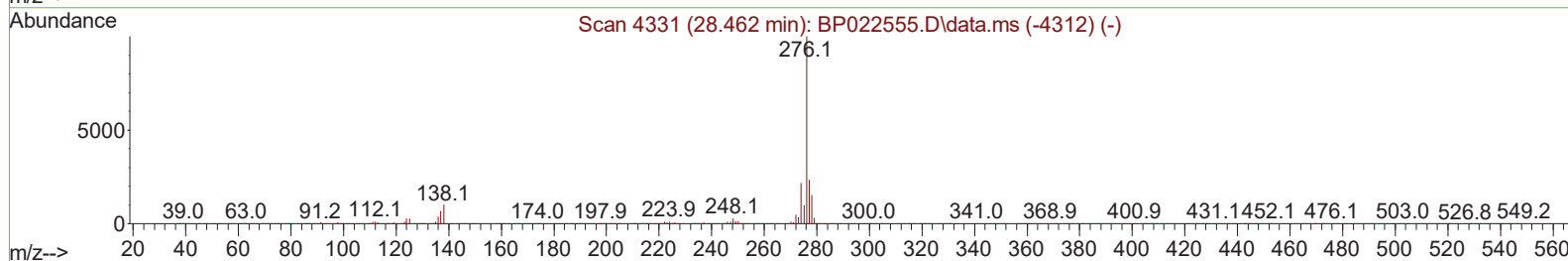
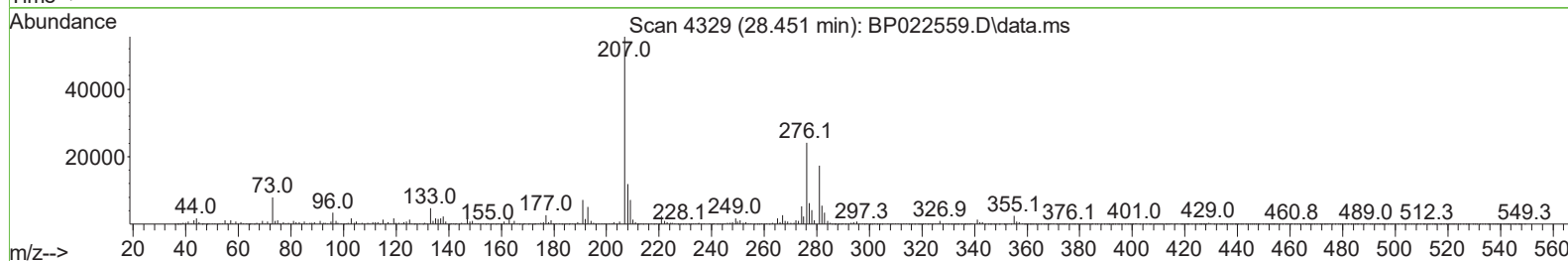
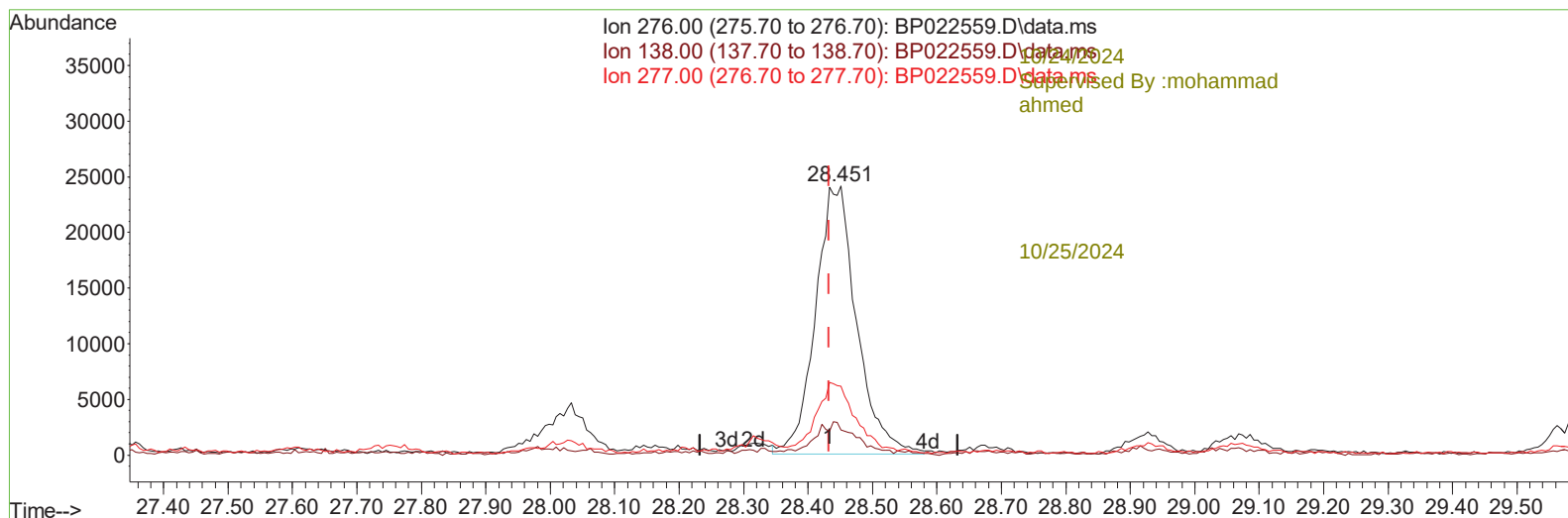
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022559.D
Acq On : 23 Oct 2024 12:08
Operator : RC/JU
Sample : P4361-13RX
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EOAZ4RX

Manual IntegrationsAPPROVED

Quant Time: Oct 23 12:41:11 2024
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Reviewed By :Yogesh
Patel



TIC: BP022559.D\data.ms

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

28.451min (+ 0.018) 1.59 ng/ul m

response 106975

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.40	9.40
277.00	23.20	25.62
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
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 ALS Vial : 61 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Oct 23 23:23:43 2024
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 Quant Title : SVOA CALIBRATION
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Reviewed By :Yogesh
 Patel

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----10/24/2024						
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	82510	20.000	ng/ul	0.00
20) Naphthalene-d8	10.410	136	310159	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.263	164	251444	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.063	188	605045	20.000	ng/ul	-0.02
79) Chrysene-d12	21.486	240	713185	20.000	ng/ul	-0.01
88) Perylene-d12	24.739	264	870327	20.000	ng/ul	-0.01
-----10/25/2024						
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	3116m	1.468	ng/uL	0.00
4) Pyridine-d5	3.628	84	7005m	1.202	ng/ul	0.02
7) Phenol-d5	6.852	99	51005	7.344	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	32779	8.030	ng/ul	0.00
11) 2-Chlorophenol-d4	7.205	132	41971	8.516	ng/ul	0.00
15) 4-Methylphenol-d8	8.363	113	43334	7.818	ng/ul	0.00
21) Nitrobenzene-d5	8.805	128	20640	8.655	ng/ul	0.00
24) 2-Nitrophenol-d4	9.510	143	22293	8.074	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.052	165	45511	7.756	ng/ul	0.00
31) 4-Chloroaniline-d4	10.557	131	44404	6.404	ng/ul	0.00
46) Dimethylphthalate-d6	13.663	166	170633	8.541	ng/ul	-0.02
49) Acenaphthylene-d8	13.951	160	175789	8.285	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.522	143	15780m	4.708	ng/ul	0.02
60) Fluorene-d10	15.275	176	164939	9.519	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.404	200	11769	2.958	ng/ul	-0.01
73) Anthracene-d10	17.163	188	278368	9.780	ng/ul	0.00
81) Pyrene-d10	19.545	212	305865	8.110	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.521	264	286862	6.172	ng/ul	0.00

Target Compounds						Qvalue
8) Phenol	6.881	94	7790	1.078	ng/ul	98
16) Acetophenone	8.469	105	30468	3.330	ng/ul	95
30) Naphthalene	10.463	128	23244	1.407	ng/ul	97
61) Fluorene	15.322	166	22516	1.181	ng/ul	96
72) Phenanthrene	17.104	178	308985	9.545	ng/ul	99
74) Anthracene	17.204	178	51567	1.596	ng/ul	96
80) Fluoranthene	19.198	202	511539	11.798	ng/ul	98
82) Pyrene	19.575	202	332098	7.146	ng/ul	98
85) Benzo(a)anthracene	21.469	228	224185	4.484	ng/ul	99
87) Chrysene	21.533	228	231715	4.998	ng/ul	96
90) Benzo(b)fluoranthene	23.721	252	310653	5.671	ng/ul	99
91) Benzo(k)fluoranthene	23.786	252	116424m	2.171	ng/ul	
93) Benzo(a)pyrene	24.598	252	112807	2.237	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.451	276	106975m	1.590	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022559.D
Acq On : 23 Oct 2024 12:08
Operator : RC/JU
Sample : P4361-13RX
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EOAZ4RX

Manual IntegrationsAPPROVED

Quant Time: Oct 23 23:23:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Reviewed By :Yogesh
Patel

