

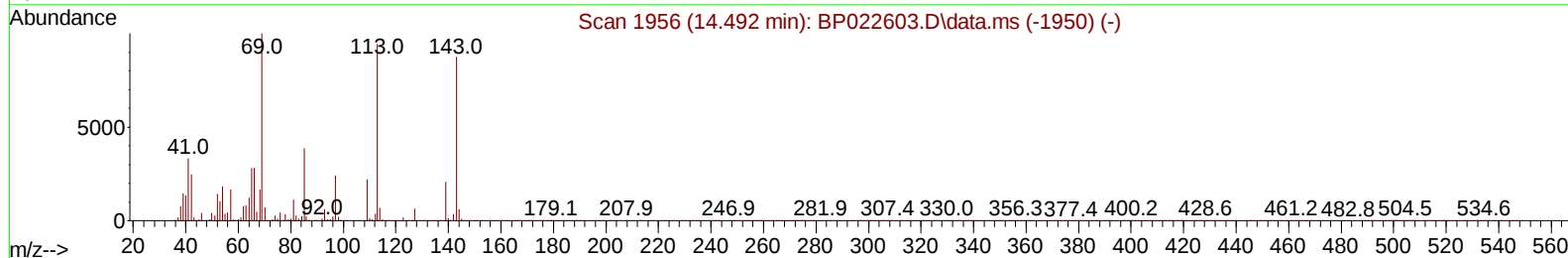
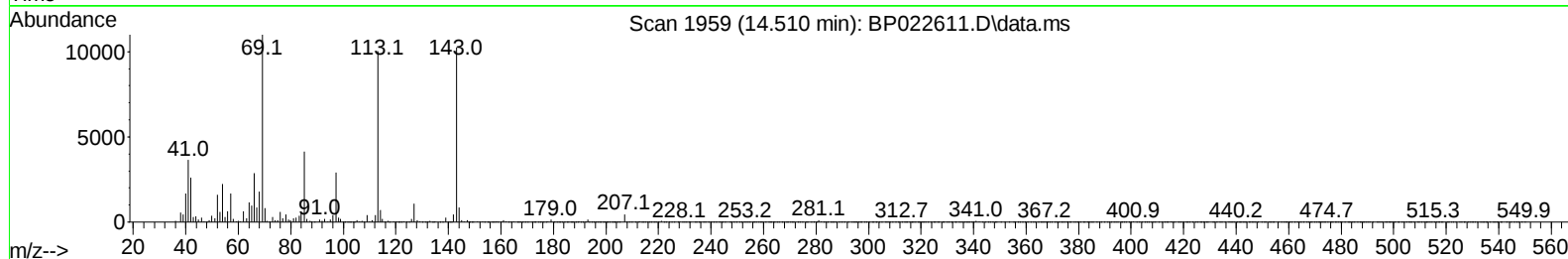
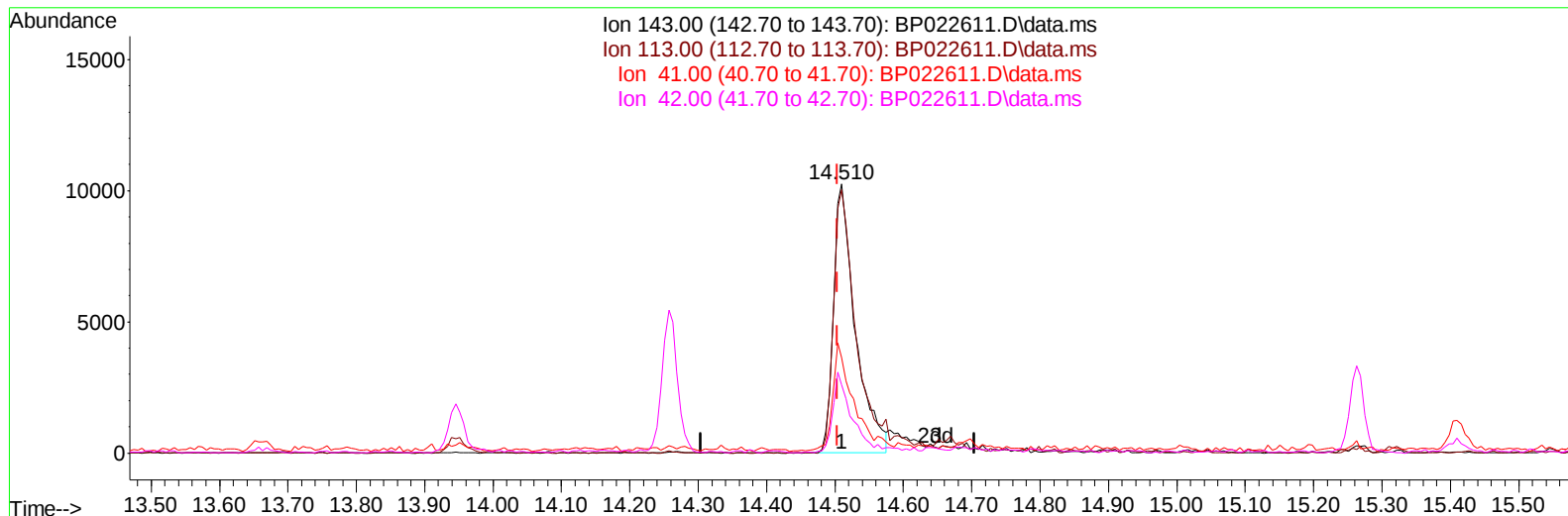
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
Data File : BP022611.D
Acq On : 25 Oct 2024 14:35
Operator : RC/JU
Sample : P4436-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F46

Manual IntegrationsAPPROVED

Quant Time: Oct 25 15:52:07 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 10/26/2024
Supervised By :mohammad ahmed 10/29/2024



TIC: BP022611.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.510min (+ 0.006) 5.08 ng/u1

response 22729

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	97.60	98.01
41.00	35.90	35.48
42.00	23.70	25.31

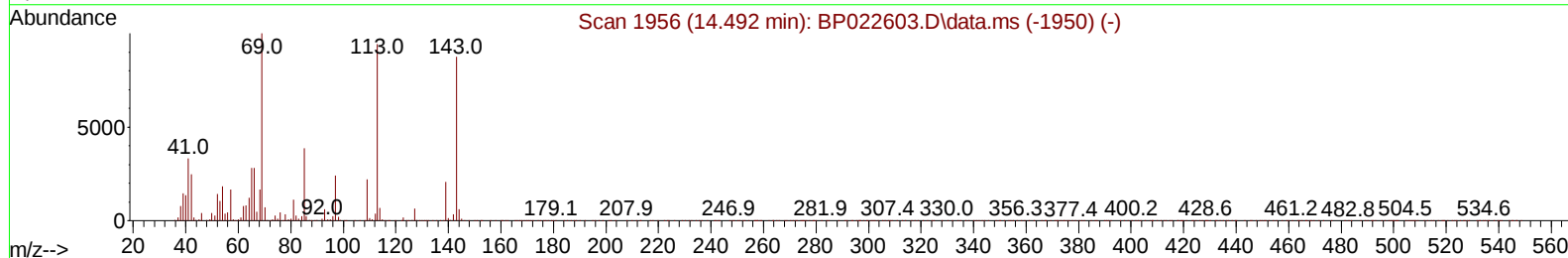
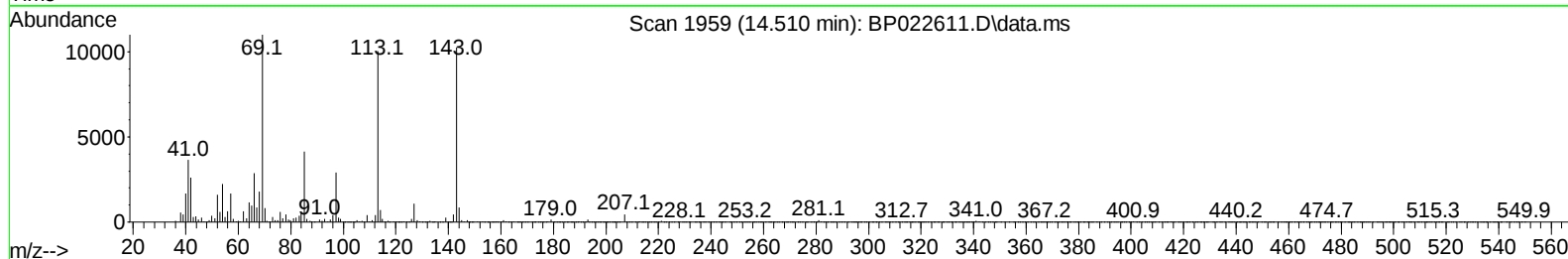
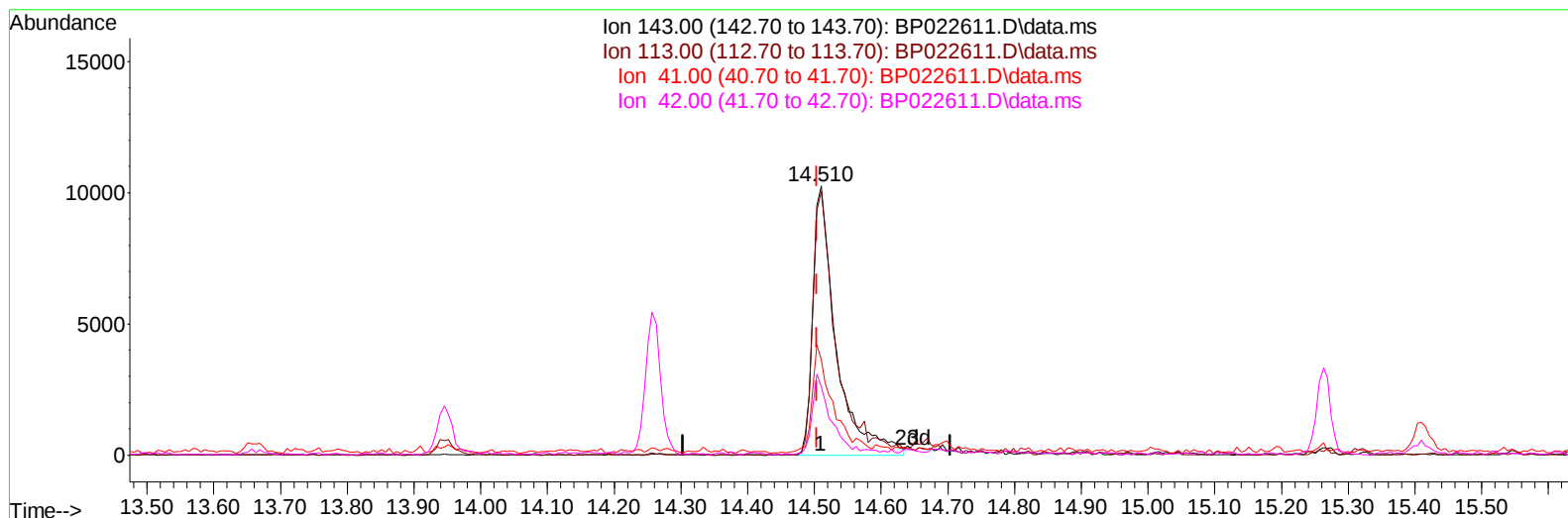
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Data File : BP022611.D
Acq On : 25 Oct 2024 14:35
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F46

Manual IntegrationsAPPROVED

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TIC: BP022611.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.510min (+ 0.006) 5.53 ng/ul m

response 24723

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	97.60	98.01
41.00	35.90	35.48
42.00	23.70	25.31

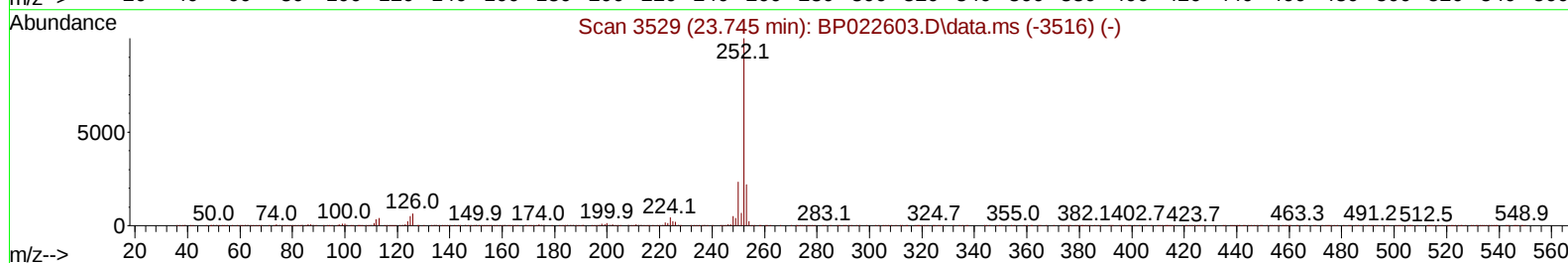
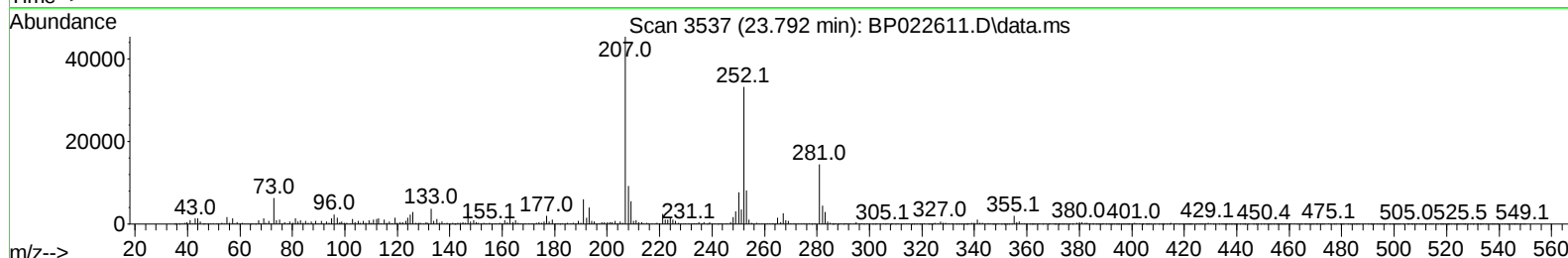
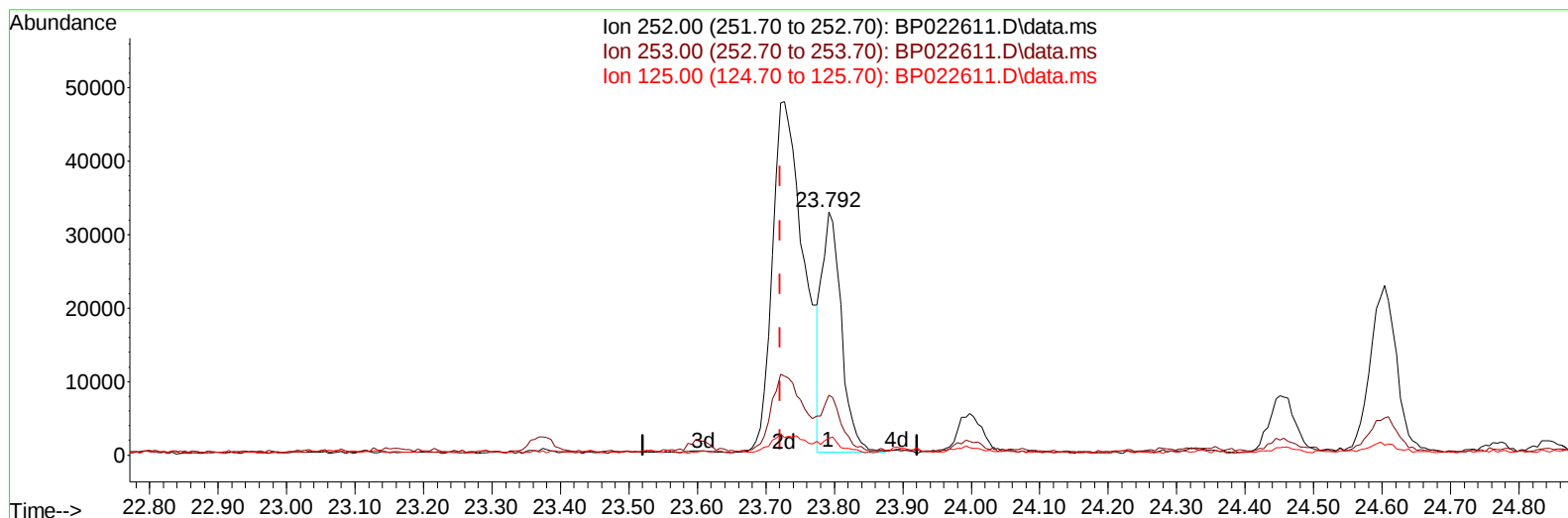
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
 Data File : BP022611.D
 Acq On : 25 Oct 2024 14:35
 Operator : RC/JU
 Sample : P4436-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4F46

Manual IntegrationsAPPROVED

Quant Time: Oct 25 15:14:31 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
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 Supervised By :mohammad ahmed 10/29/2024



TIC: BP022611.D\data.ms

(90) Benzo(b)fluoranthene

23.792min (+ 0.071) 0.98 ng/u1

response 65542

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	24.58
125.00	6.20	6.93
0.00	0.00	0.00

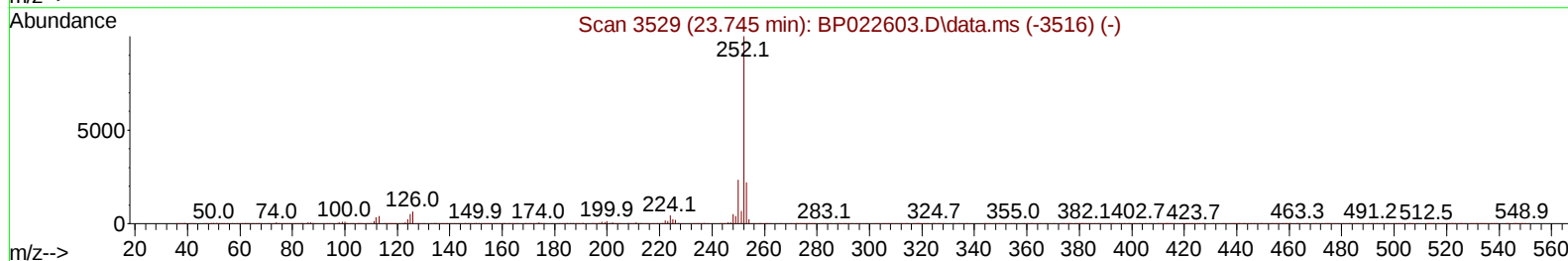
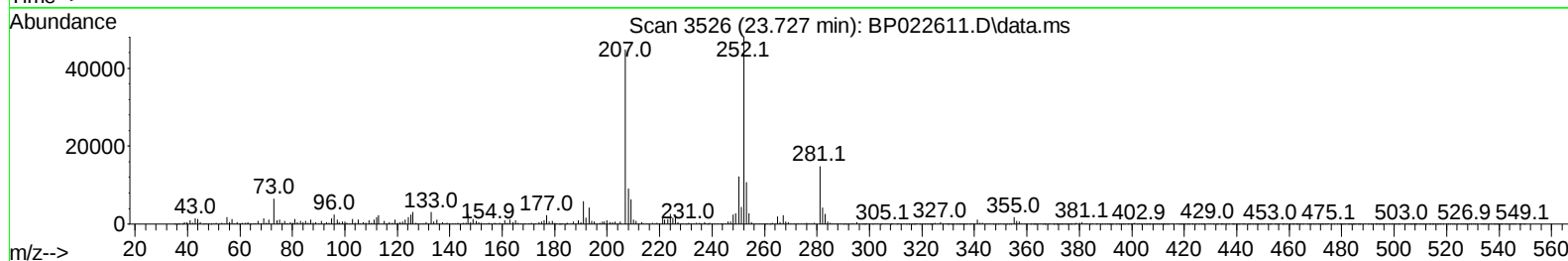
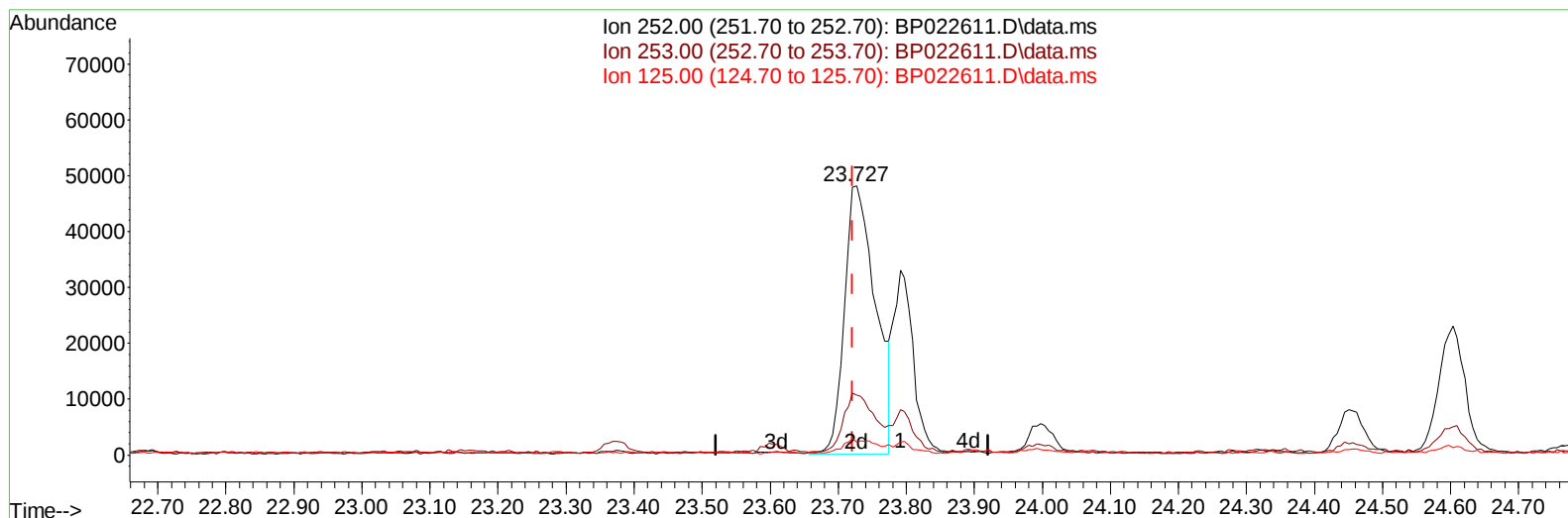
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
Data File : BP022611.D
Acq On : 25 Oct 2024 14:35
Operator : RC/JU
Sample : P4436-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F46

Manual IntegrationsAPPROVED

Quant Time: Oct 25 15:14:31 2024
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Supervised By :mohammad ahmed 10/29/2024



TIC: BP022611.D\data.ms

(90) Benzo(b)fluoranthene

23.727min (+ 0.006) 2.28 ng/u1 m

response 152806

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	22.30
125.00	6.20	4.94#
0.00	0.00	0.00

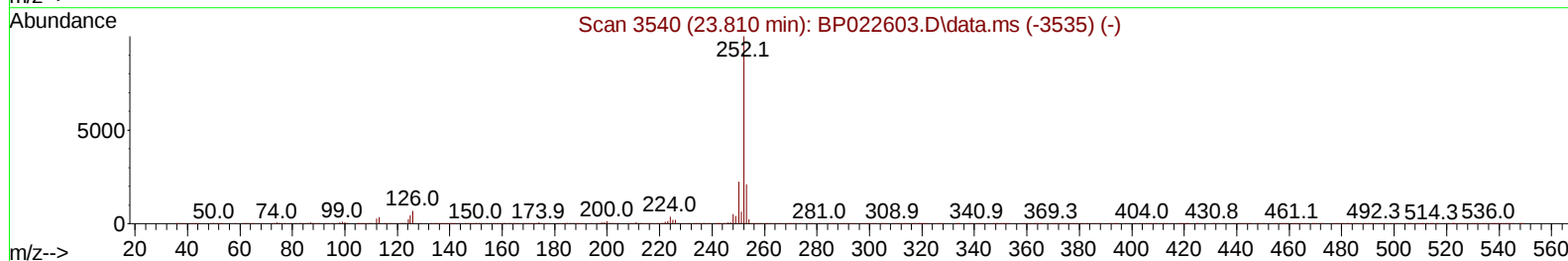
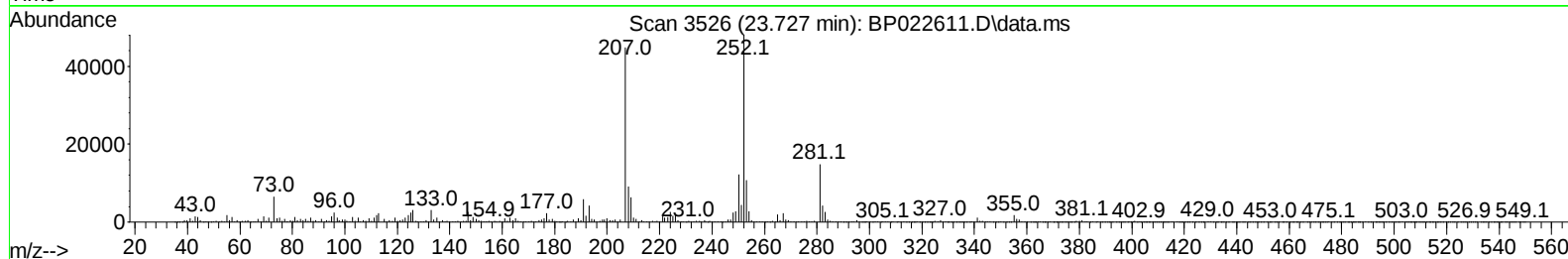
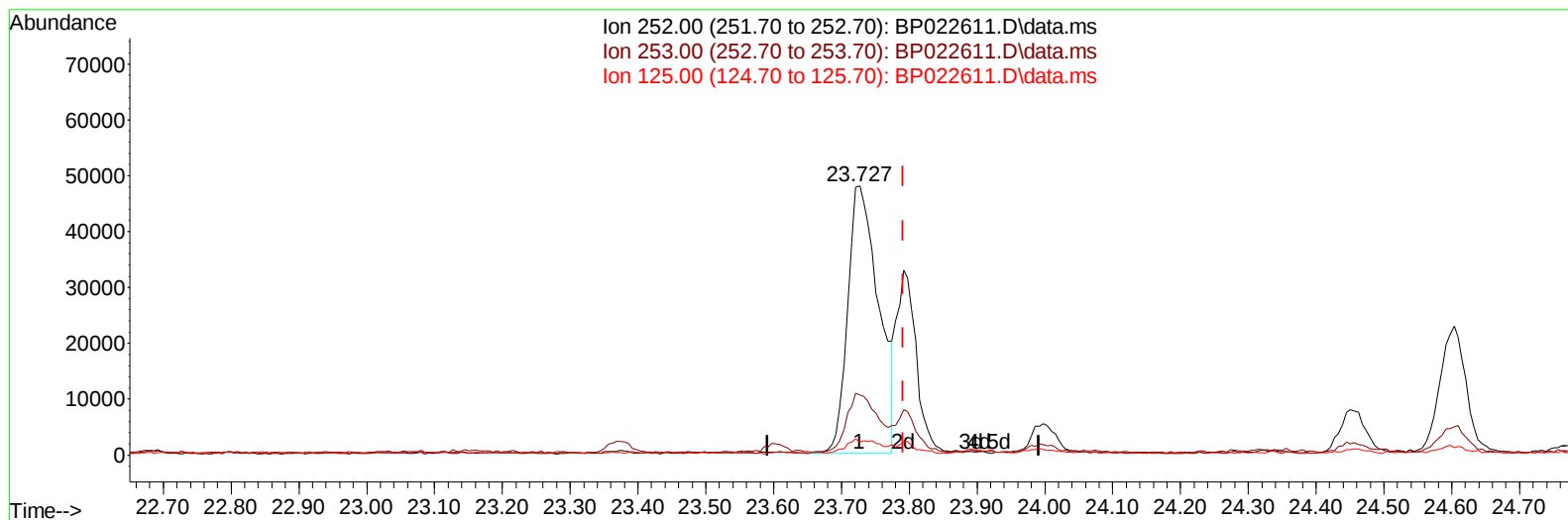
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
Data File : BP022611.D
Acq On : 25 Oct 2024 14:35
Operator : RC/JU
Sample : P4436-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F46

Manual IntegrationsAPPROVED

Quant Time: Oct 25 15:51:22 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 10/26/2024
Supervised By :mohammad ahmed 10/29/2024



TIC: BP022611.D\data.ms

(91) Benzo(k)fluoranthene

23.727min (-0.065) 2.31 ng/u1

response 152007

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	22.30
125.00	5.70	4.94
0.00	0.00	0.00

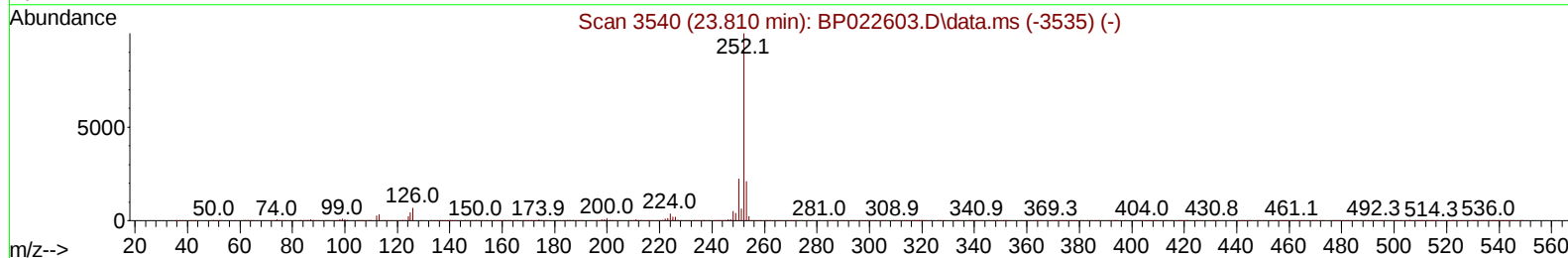
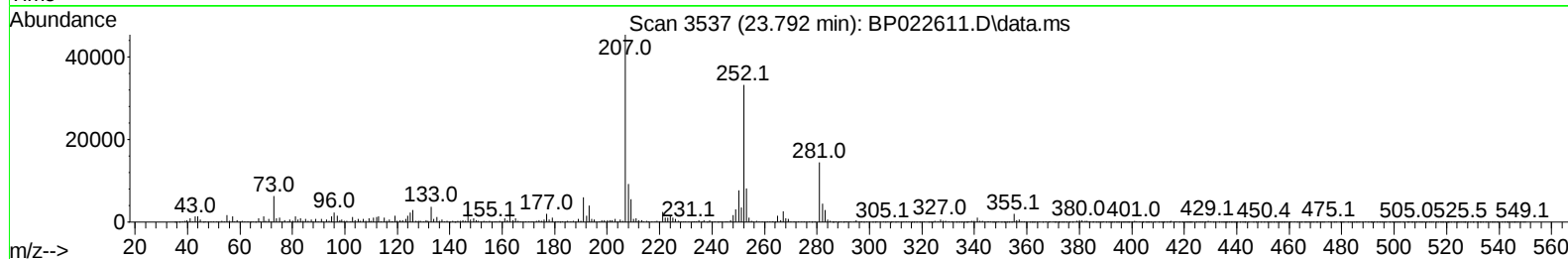
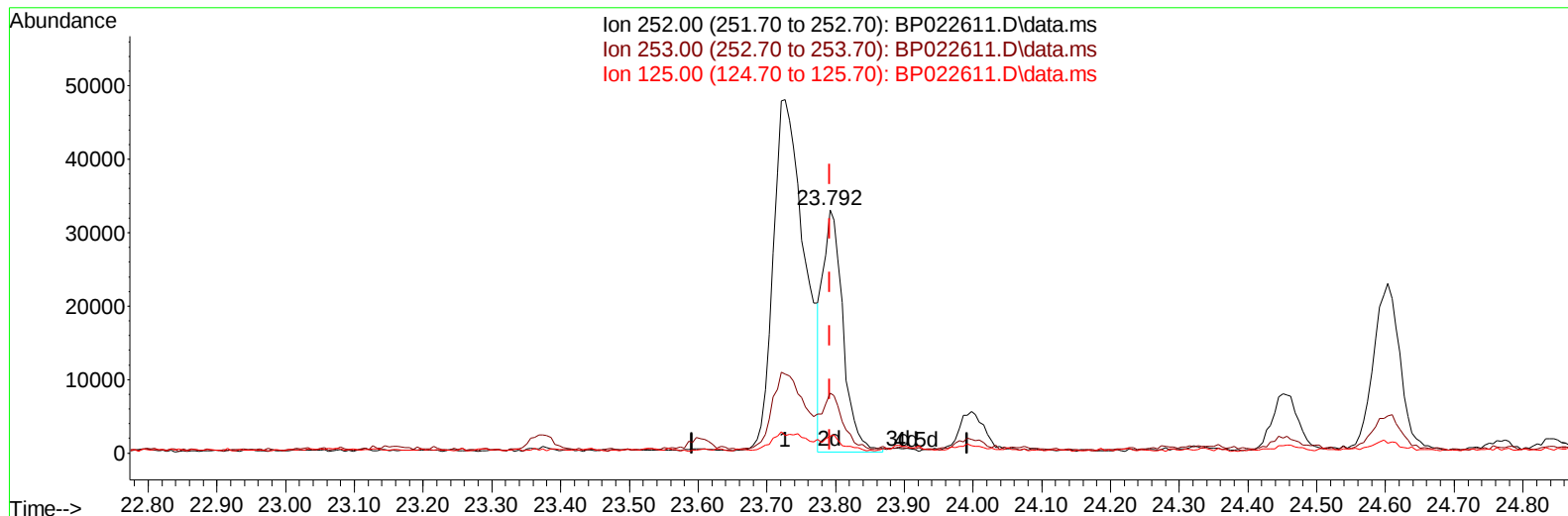
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
Data File : BP022611.D
Acq On : 25 Oct 2024 14:35
Operator : RC/JU
Sample : P4436-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F46

Manual IntegrationsAPPROVED

Quant Time: Oct 25 15:51:22 2024
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Supervised By :mohammad ahmed 10/29/2024



TIC: BP022611.D\data.ms

(91) Benzo(k)fluoranthene

23.792min (+ 0.000) 1.02 ng/u1 m

response 66915

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	24.58
125.00	5.70	6.93#
0.00	0.00	0.00

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 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4F46

Manual IntegrationsAPPROVED

Quant Time: Oct 28 06:28:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.651	152	112374	20.000	ng/ul	0.00
20) Naphthalene-d8	10.404	136	433992	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.257	164	335665	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.051	188	810969	20.000	ng/ul	-0.03
79) Chrysene-d12	21.498	240	896579	20.000	ng/ul	0.00
88) Perylene-d12	24.768	264	1067009	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	3812	1.318	ng/uL	0.00
4) Pyridine-d5	3.616	84	7090	0.893	ng/ul	0.00
7) Phenol-d5	6.846	99	72518	7.666	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.993	67	43313	7.791	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.193	132	57779	8.608	ng/ul	-0.01
15) 4-Methylphenol-d8	8.357	113	50399	6.676	ng/ul	0.00
21) Nitrobenzene-d5	8.793	128	27345	8.195	ng/ul	0.00
24) 2-Nitrophenol-d4	9.504	143	33242	8.604	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.045	165	68549	8.348	ng/ul	0.00
31) 4-Chloroaniline-d4	10.551	131	49060	5.056	ng/ul	0.00
46) Dimethylphthalate-d6	13.669	166	246944	9.259	ng/ul	-0.01
49) Acenaphthylene-d8	13.945	160	252995	8.932	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.510	143	24723m	5.526	ng/ul	0.00
60) Fluorene-d10	15.263	176	223801	9.675	ng/ul	-0.03
65) 4,6-Dinitro-2-methylph...	15.410	200	31333	5.875	ng/ul	0.00
73) Anthracene-d10	17.163	188	356670	9.349	ng/ul	0.00
81) Pyrene-d10	19.539	212	404744	8.537	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.527	264	324807	5.700	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.463	105	30557	2.452	ng/ul	94
72) Phenanthrene	17.098	178	85656	1.974	ng/ul	96
80) Fluoranthene	19.192	202	210647	3.865	ng/ul	97
82) Pyrene	19.574	202	136076	2.329	ng/ul	97
85) Benzo(a)anthracene	21.480	228	110506	1.758	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.410	149	59314	2.032	ng/ul	99
87) Chrysene	21.545	228	108755	1.866	ng/ul	97
90) Benzo(b)fluoranthene	23.727	252	152806m	2.275	ng/ul	
91) Benzo(k)fluoranthene	23.792	252	66915m	1.018	ng/ul	

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

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