

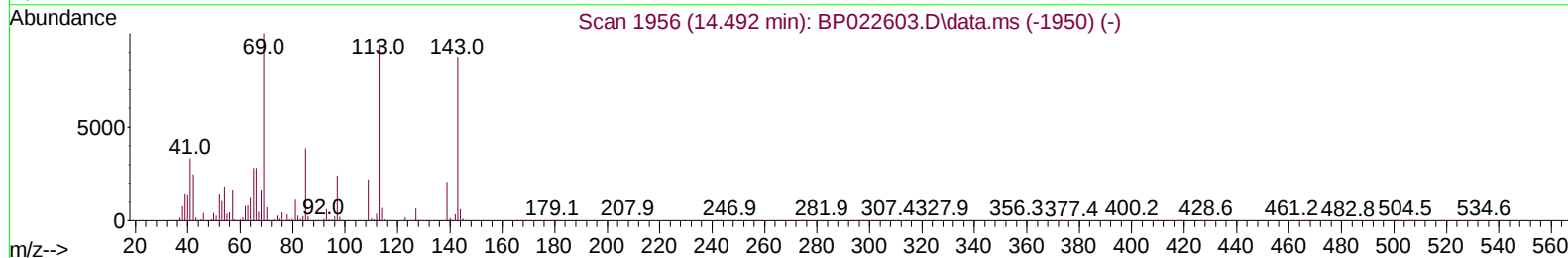
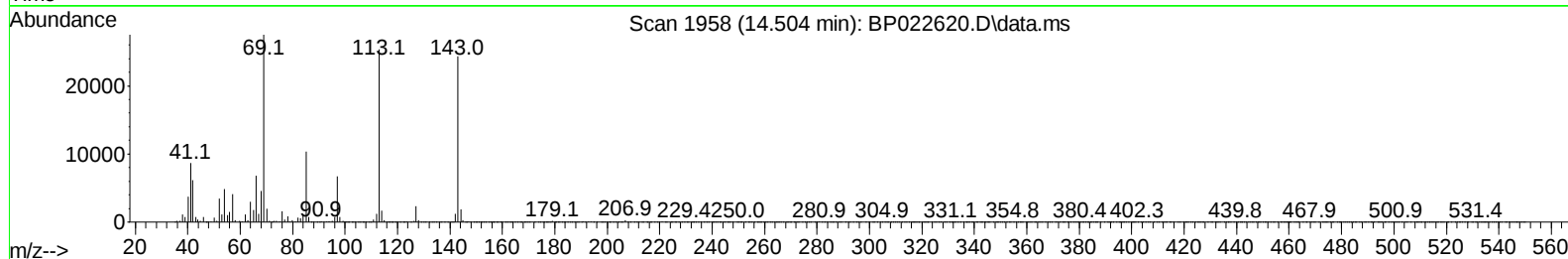
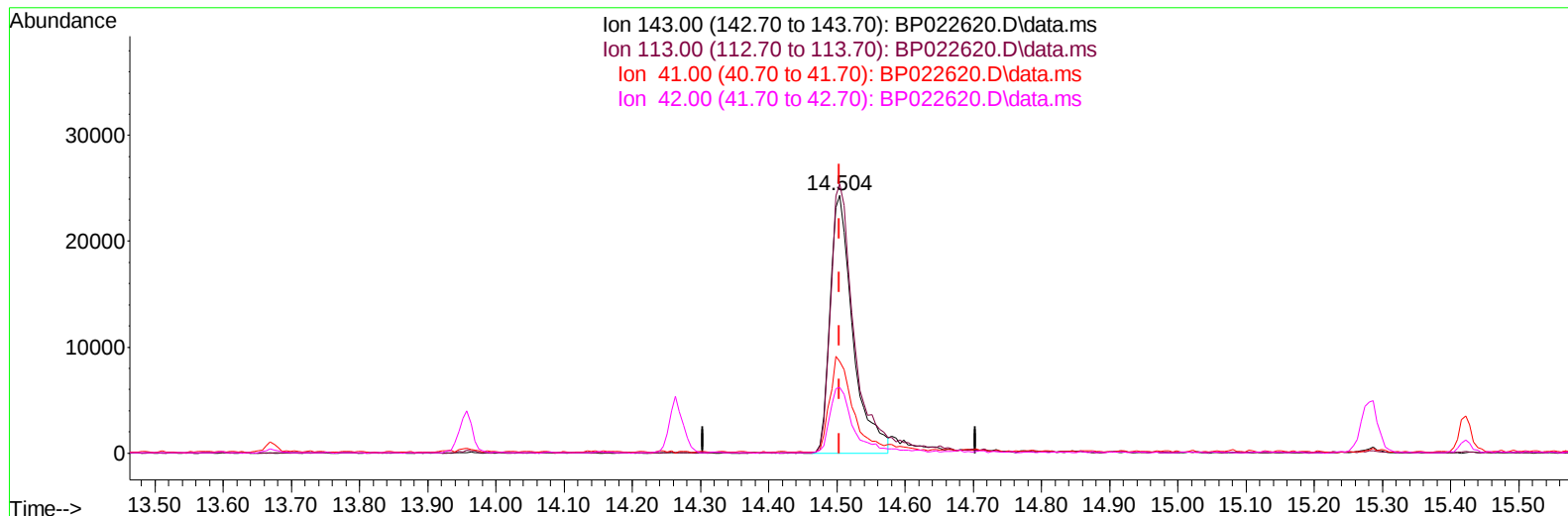
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
Data File : BP022620.D
Acq On : 25 Oct 2024 21:20
Operator : RC/JU
Sample : P4436-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F37

Manual IntegrationsAPPROVED

Quant Time: Oct 25 23:07:17 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: BP022620.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.504min (+ 0.000) 18.11 ng/u1

response 56600

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	97.60	104.34
41.00	35.90	35.57
42.00	23.70	25.48

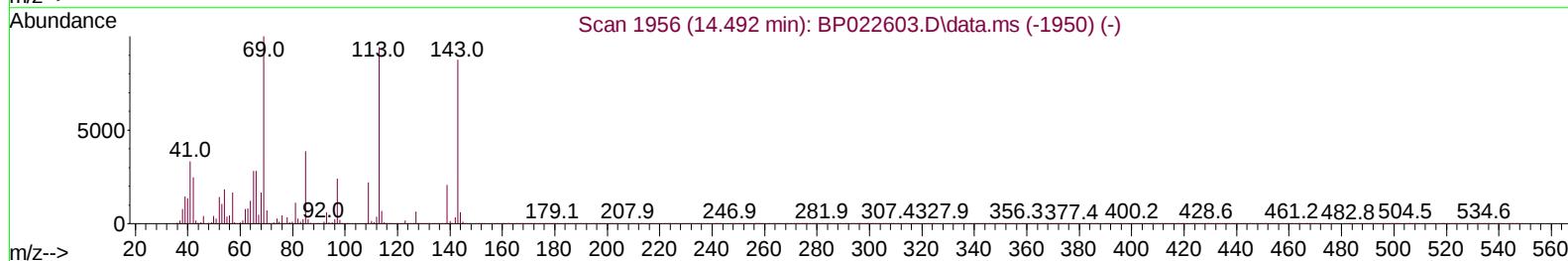
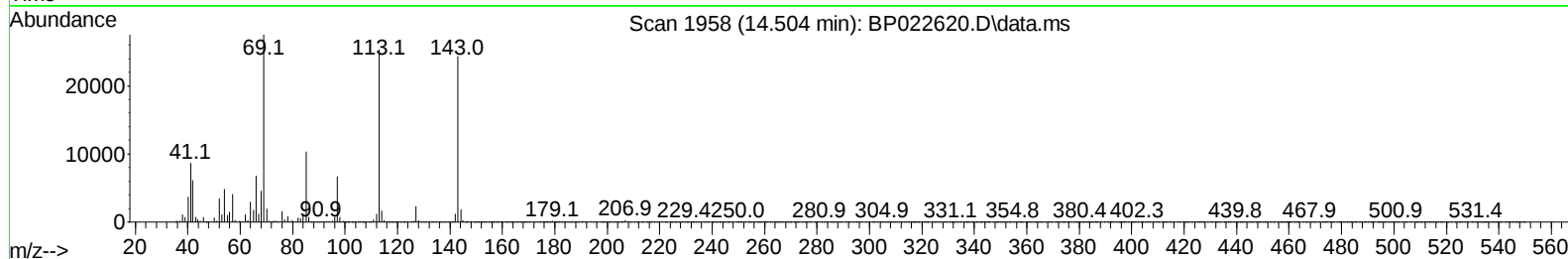
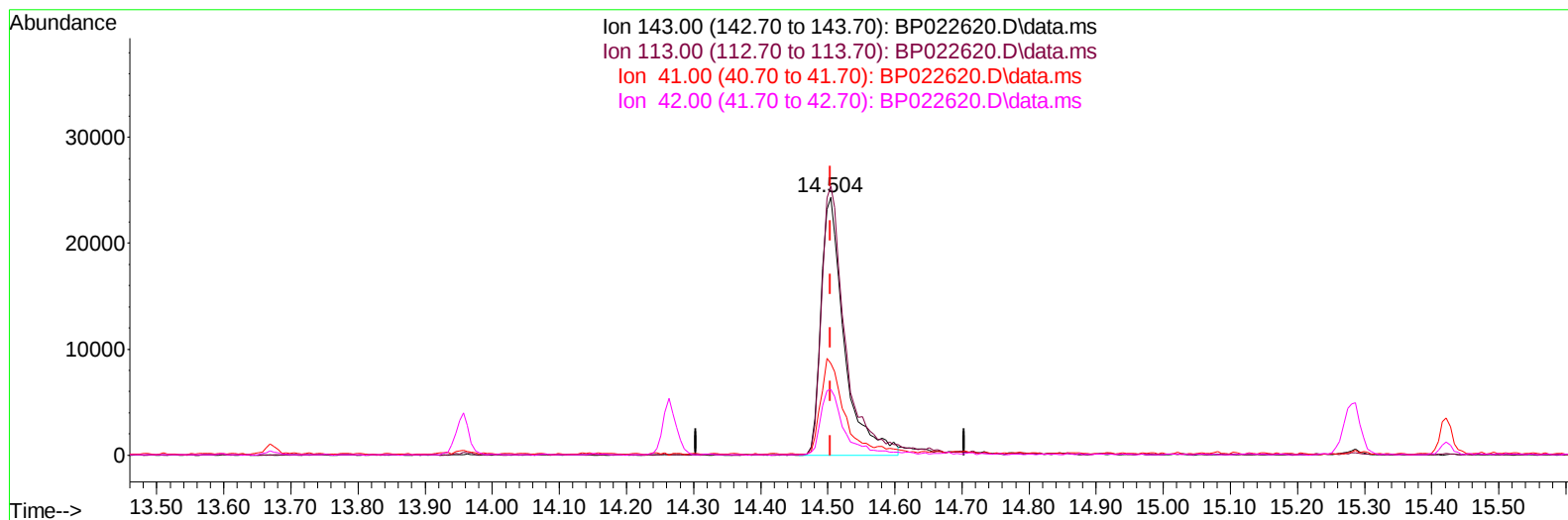
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
Data File : BP022620.D
Acq On : 25 Oct 2024 21:20
Operator : RC/JU
Sample : P4436-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F37

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/26/2024
Supervised By :mohammad ahmed 10/29/2024

Quant Time: Oct 25 23:07:17 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



TIC: BP022620.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.504min (+ 0.000) 18.78 ng/ul m

response 58679

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	97.60	104.34
41.00	35.90	35.57
42.00	23.70	25.48

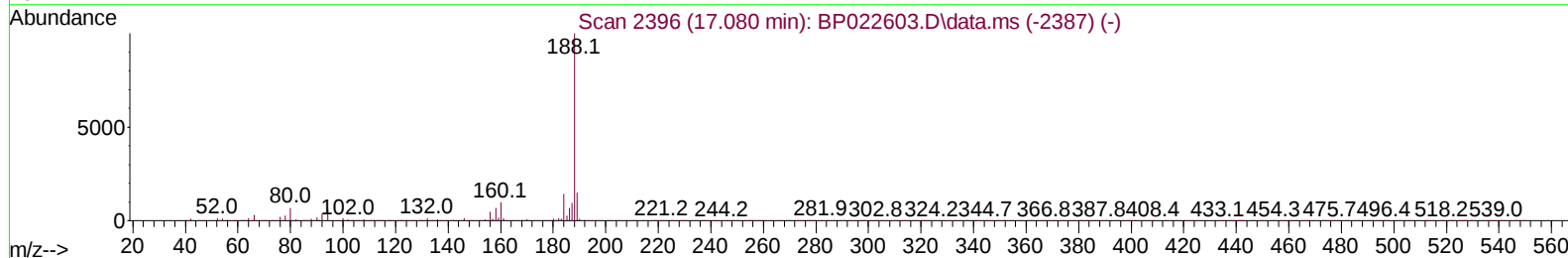
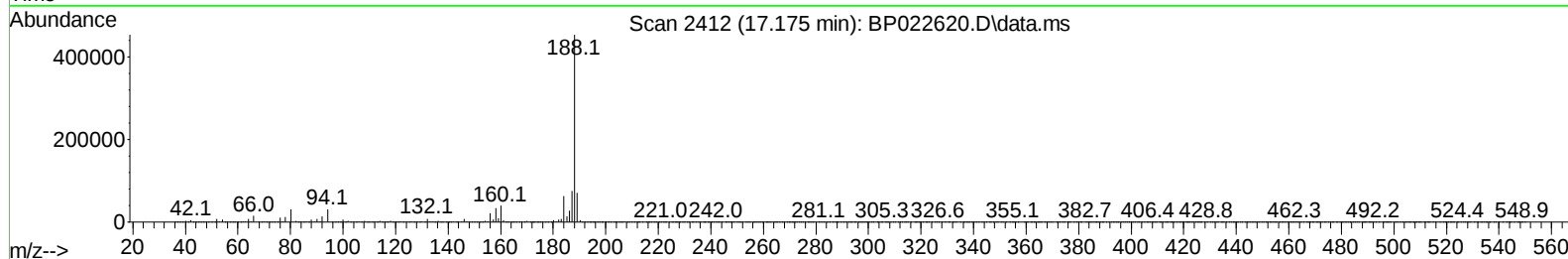
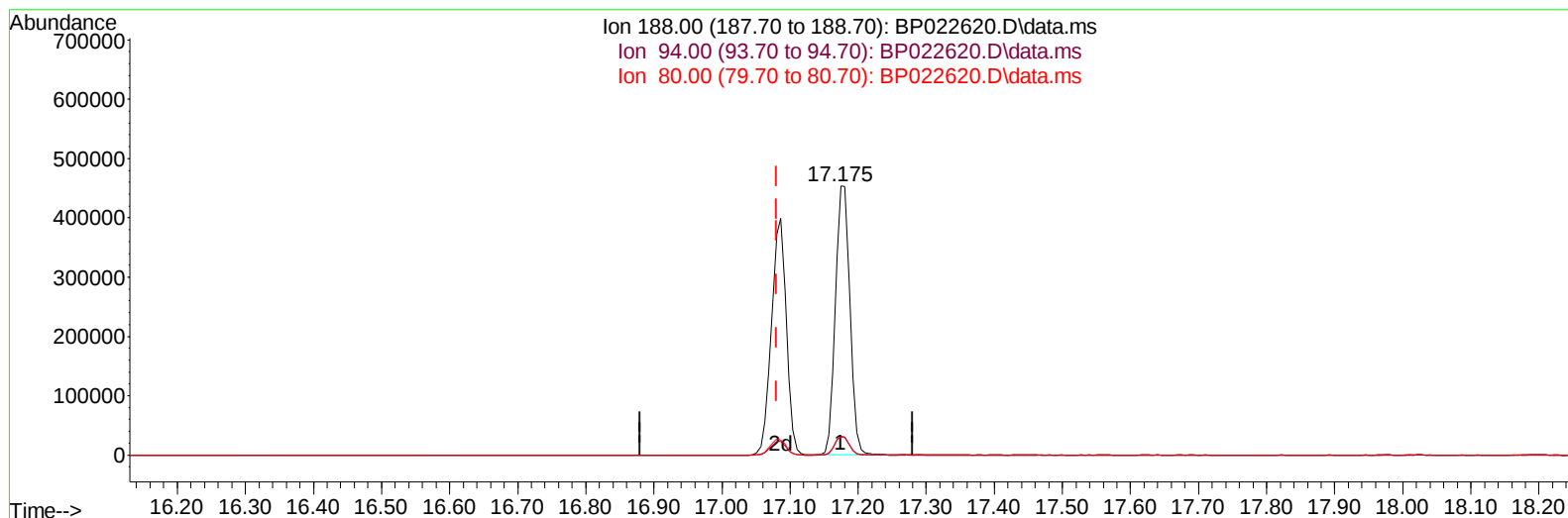
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
Data File : BP022620.D
Acq On : 25 Oct 2024 21:20
Operator : RC/JU
Sample : P4436-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F37

Manual IntegrationsAPPROVED

Quant Time: Oct 25 23:07:17 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: BP022620.D\data.ms

(64) Phenanthrene-d10 (I)

17.175min (+ 0.094) 20.00 ng/u1

response 667966

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	7.00	6.92
80.00	8.20	6.83
0.00	0.00	0.00

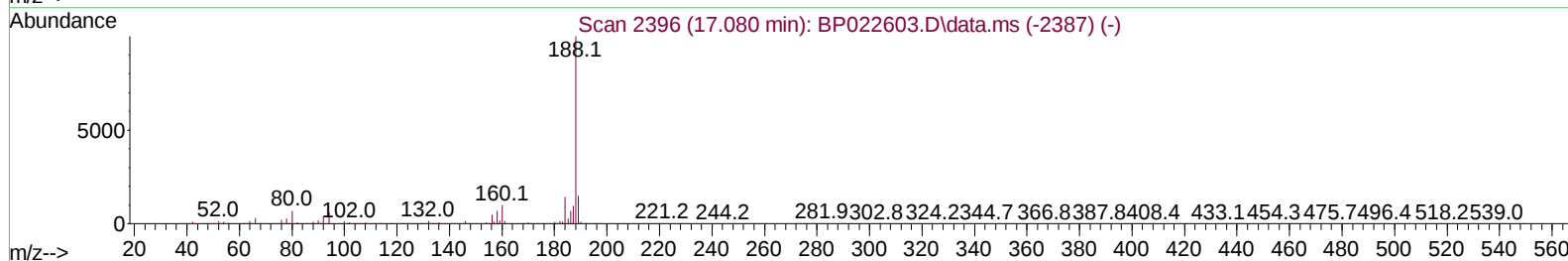
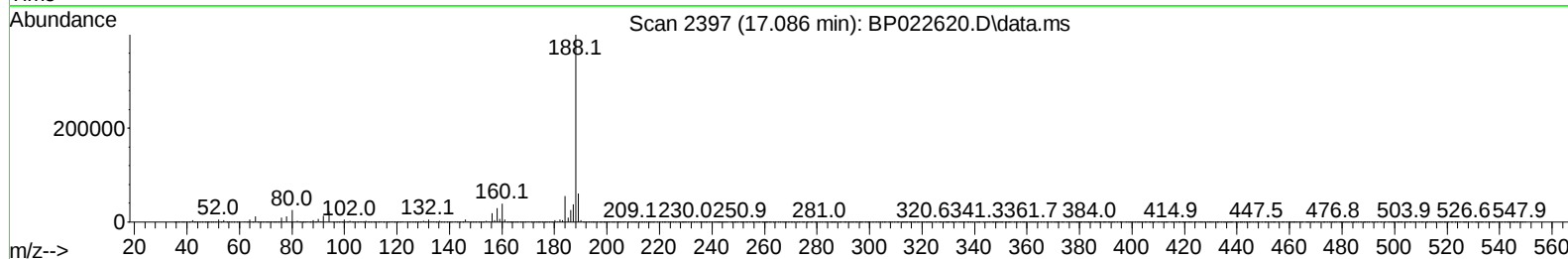
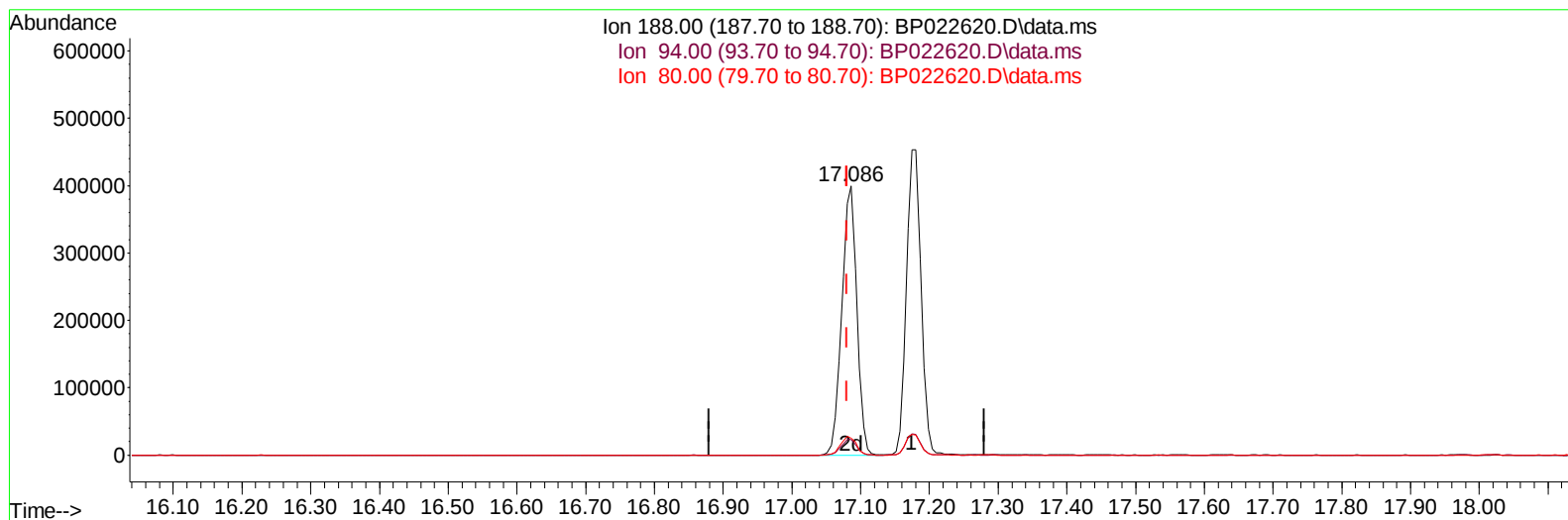
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
Data File : BP022620.D
Acq On : 25 Oct 2024 21:20
Operator : RC/JU
Sample : P4436-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F37

Manual IntegrationsAPPROVED

Quant Time: Oct 25 23:07:17 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: BP022620.D\data.ms

(64) Phenanthrene-d10 (I)

17.086min (+ 0.006) 20.00 ng/ul m

response 604177

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	7.00	5.76
80.00	8.20	6.37#
0.00	0.00	0.00

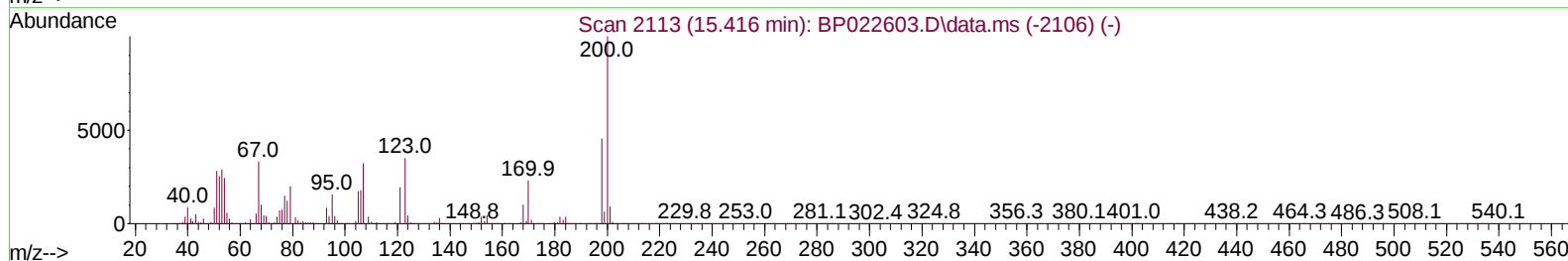
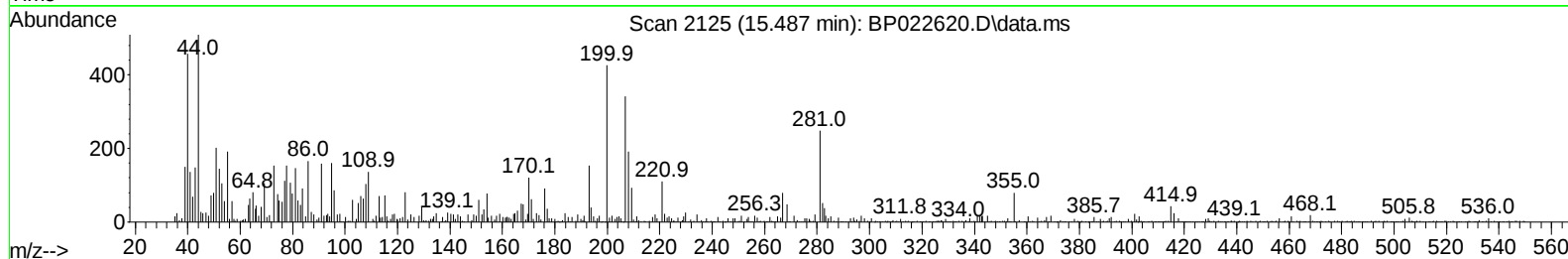
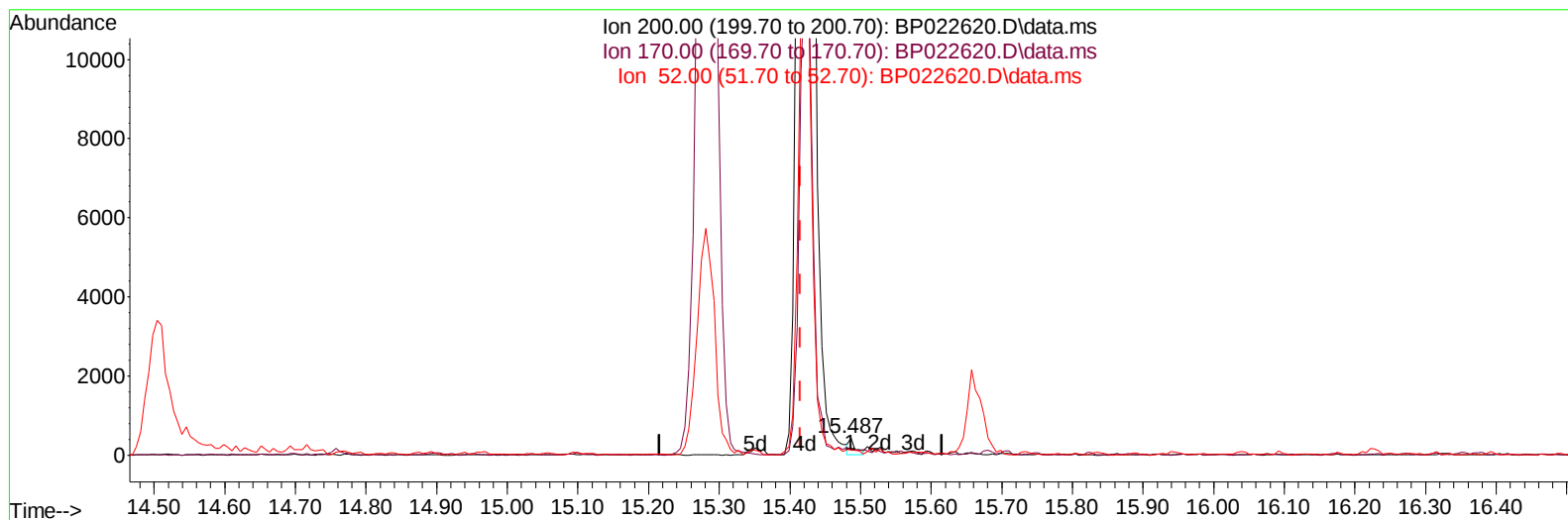
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
Data File : BP022620.D
Acq On : 25 Oct 2024 21:20
Operator : RC/JU
Sample : P4436-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F37

Manual IntegrationsAPPROVED

Quant Time: Oct 25 23:09:42 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: BP022620.D\data.ms

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

15.487min (+ 0.071) 0.07 ng/u1

response 268

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	22.00	28.34#
52.00	36.60	33.96
0.00	0.00	0.00

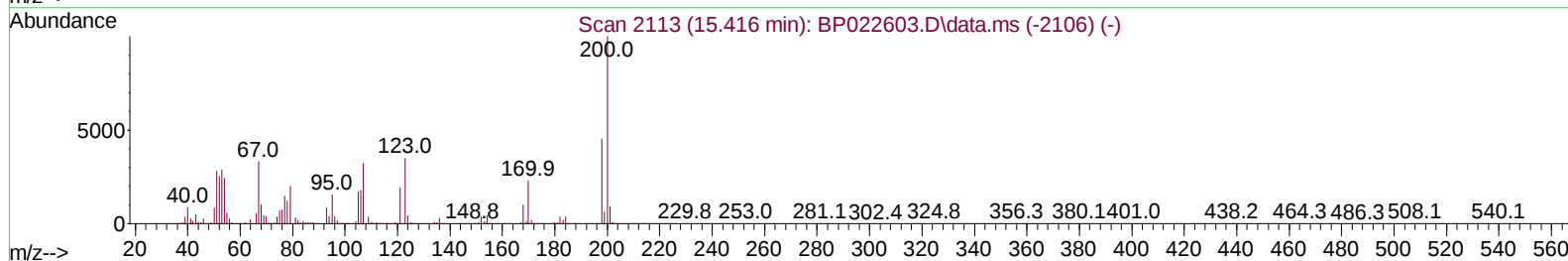
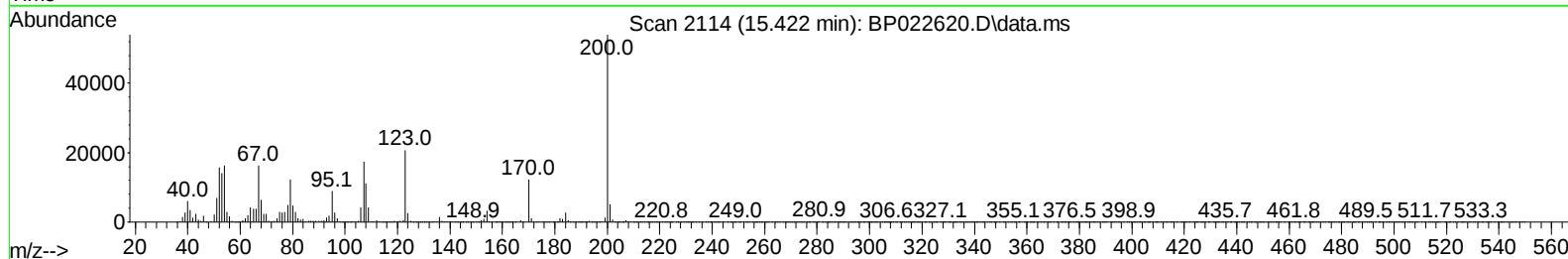
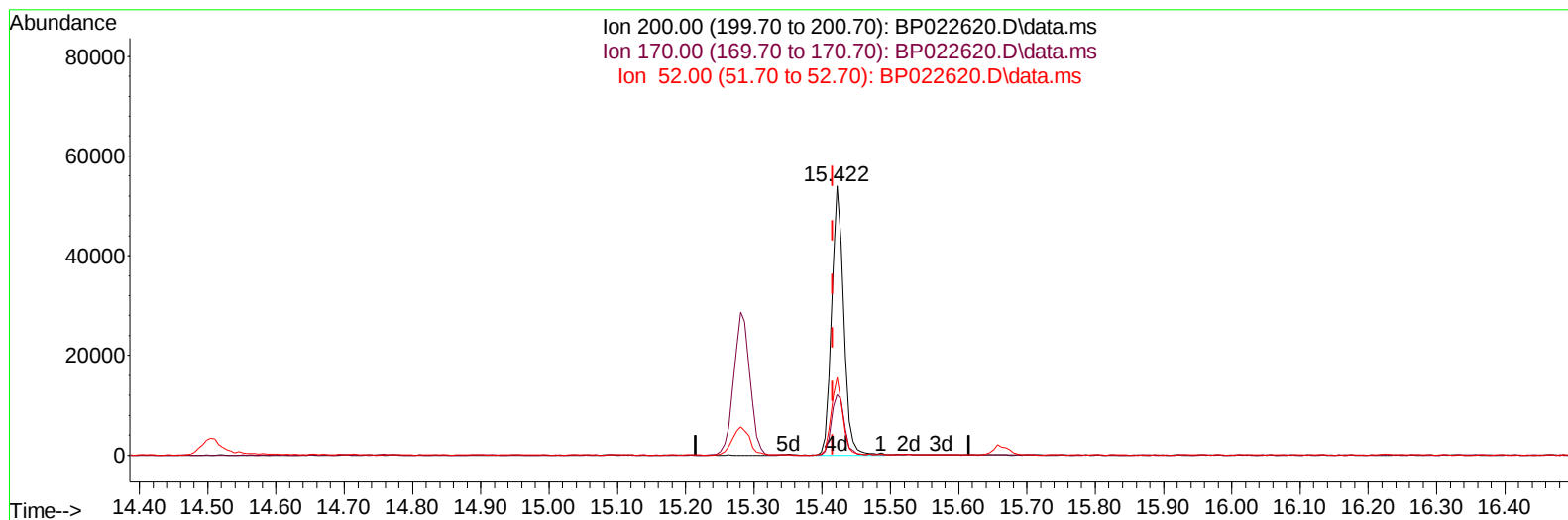
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
Data File : BP022620.D
Acq On : 25 Oct 2024 21:20
Operator : RC/JU
Sample : P4436-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F37

Manual IntegrationsAPPROVED

Quant Time: Oct 25 23:09:42 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: BP022620.D\data.ms

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

15.422min (+ 0.006) 16.68 ng/ul m

response 66287

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	22.00	22.58
52.00	36.60	29.00#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
 Data File : BP022620.D
 Acq On : 25 Oct 2024 21:20
 Operator : RC/JU
 Sample : P4436-13
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4F37

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/26/2024
 Supervised By :mohammad ahmed 10/29/2024

Quant Time: Oct 25 23:11:13 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	77105	20.000	ng/ul	0.00
20) Naphthalene-d8	10.404	136	295803	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.263	164	234435	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.086	188	604177m	20.000	ng/ul	0.00
79) Chrysene-d12	21.504	240	695974	20.000	ng/ul	0.00
88) Perylene-d12	24.780	264	846842	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	5317	2.680	ng/uL	-0.01
4) Pyridine-d5	3.599	84	73961	13.578	ng/ul	-0.01
7) Phenol-d5	6.846	99	119457	18.405	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.993	67	68071	17.844	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.193	132	89506	19.435	ng/ul	-0.01
15) 4-Methylphenol-d8	8.357	113	104256	20.128	ng/ul	0.00
21) Nitrobenzene-d5	8.793	128	46594	20.486	ng/ul	0.00
24) 2-Nitrophenol-d4	9.510	143	56177	21.334	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.046	165	115684	20.671	ng/ul	0.00
31) 4-Chloroaniline-d4	10.546	131	113712	17.195	ng/ul	-0.01
46) Dimethylphthalate-d6	13.675	166	421338	22.620	ng/ul	0.00
49) Acenaphthylene-d8	13.957	160	433598	21.917	ng/ul	0.00
54) 4-Nitrophenol-d4	14.504	143	58679m	18.778	ng/ul	0.00
60) Fluorene-d10	15.281	176	381700	23.626	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.422	200	66287m	16.682	ng/ul	0.00
73) Anthracene-d10	17.175	188	667219	23.475	ng/ul	0.00
81) Pyrene-d10	19.557	212	896772	24.366	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.551	264	1113483	24.621	ng/ul	0.02
Target Compounds						
					Qvalue	
8) Phenol	6.875	94	7939	1.176	ng/ul	92
80) Fluoranthene	19.210	202	105842	2.502	ng/ul	97
82) Pyrene	19.592	202	95446	2.105	ng/ul	99
87) Chrysene	21.551	228	55216	1.221	ng/ul	94
90) Benzo(b)fluoranthene	23.739	252	78967	1.481	ng/ul	98
93) Benzo(a)pyrene	24.621	252	51671	1.053	ng/ul#	94

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
Data File : BP022620.D
Acq On : 25 Oct 2024 21:20
Operator : RC/JU
Sample : P4436-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F37

Manual IntegrationsAPPROVED

Quant Time: Oct 25 23:11:13 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

