

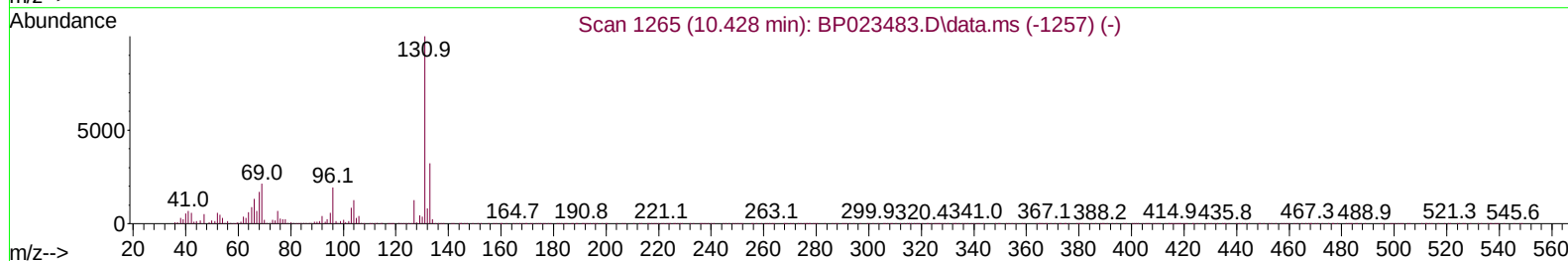
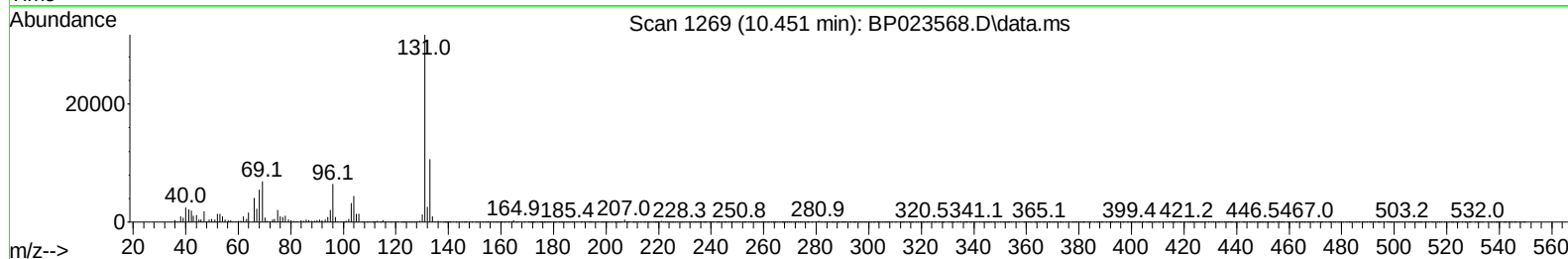
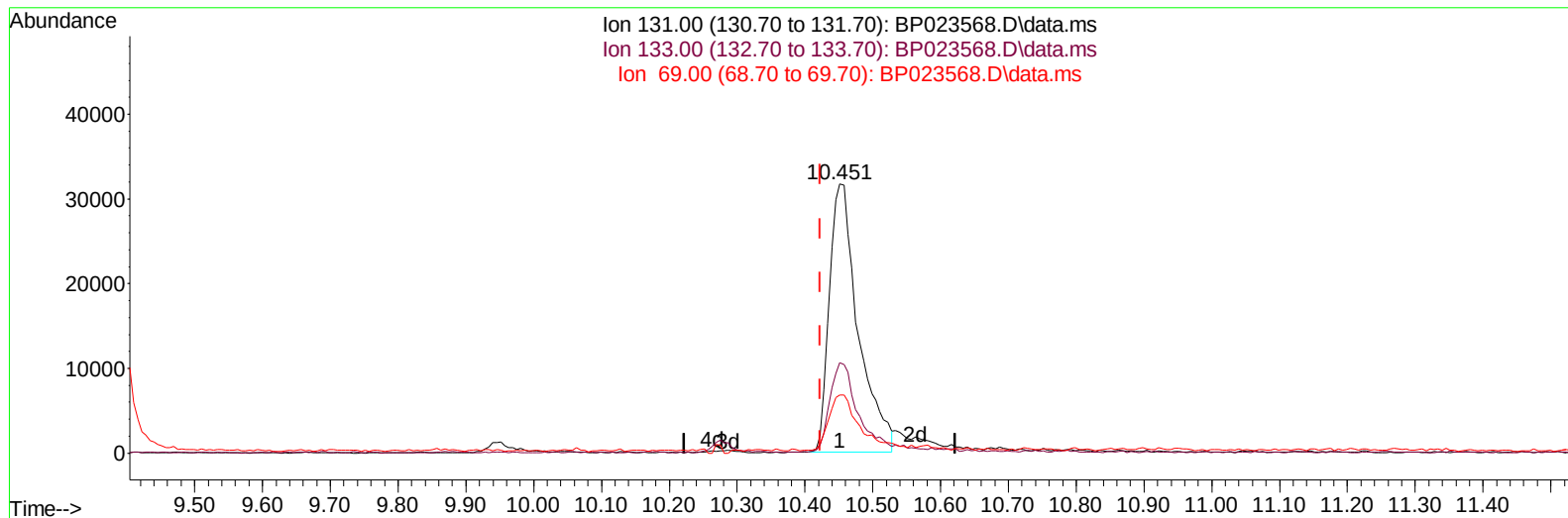
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023568.D
Acq On : 23 Dec 2024 18:24
Operator : RC/JU
Sample : P5333-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2917

Manual IntegrationsAPPROVED

Quant Time: Dec 24 04:33:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 24 02:14:57 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/30/2024



TIC: BP023568.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.451min (+ 0.029) 14.04 ng/ul

response 93463

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	31.60	33.53
69.00	24.30	21.71
0.00	0.00	0.00

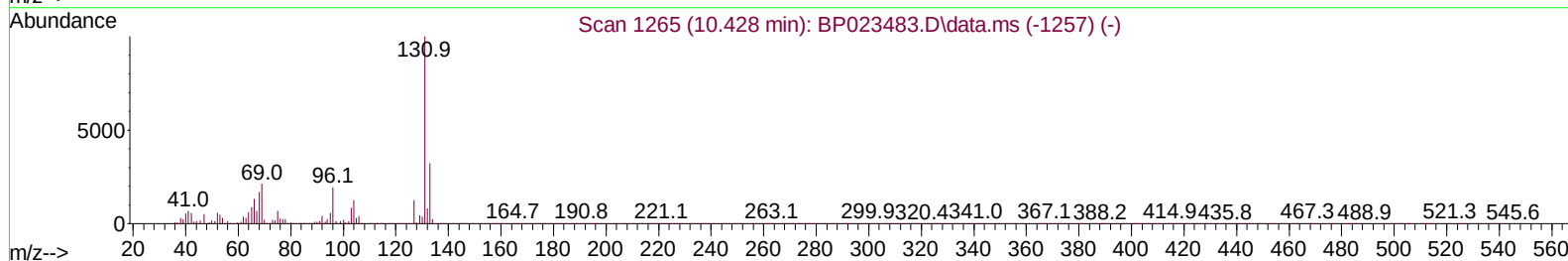
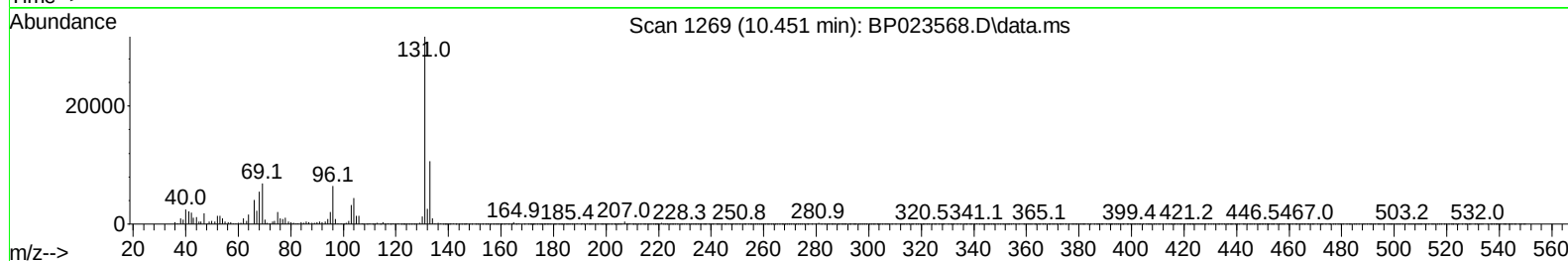
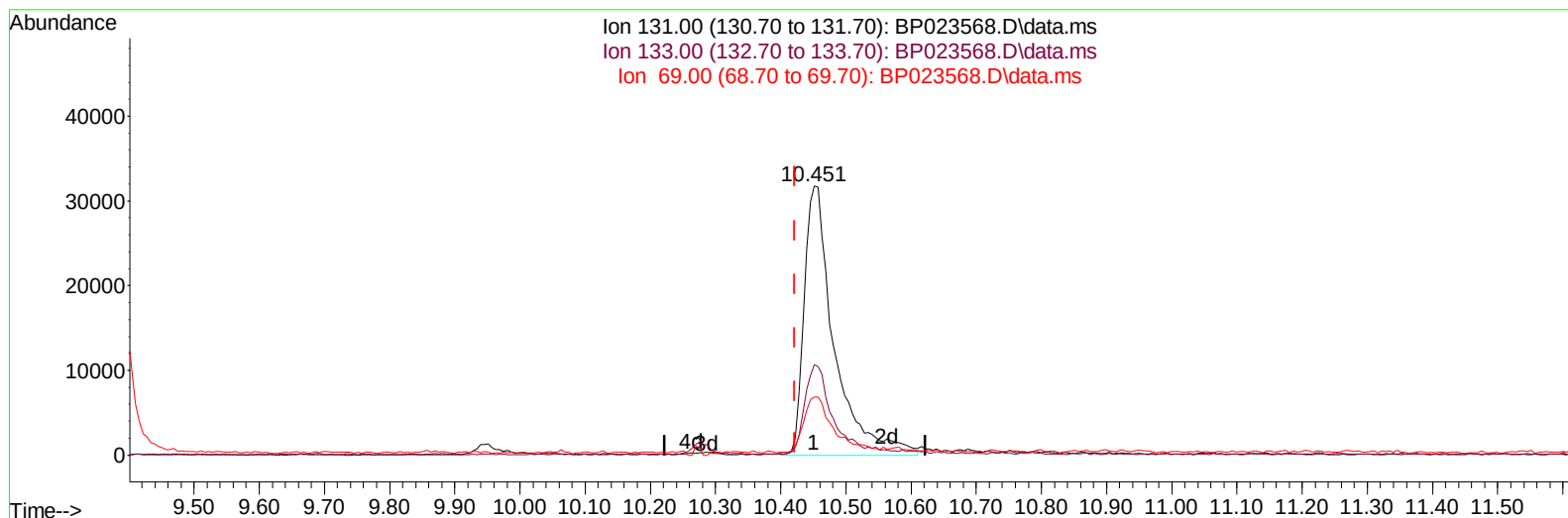
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023568.D
Acq On : 23 Dec 2024 18:24
Operator : RC/JU
Sample : P5333-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId :
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Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 12/24/2024
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TIC: BP023568.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.451min (+ 0.029) 15.34 ng/ul m

response 102100

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	31.60	33.53
69.00	24.30	21.71
0.00	0.00	0.00

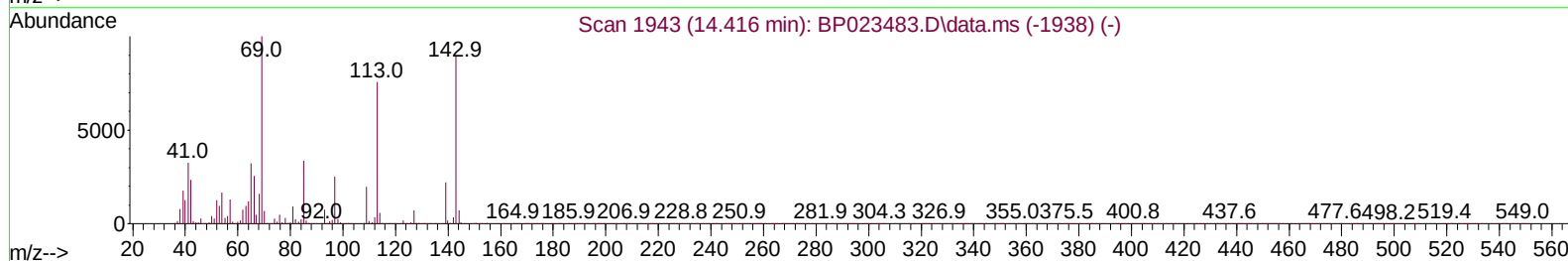
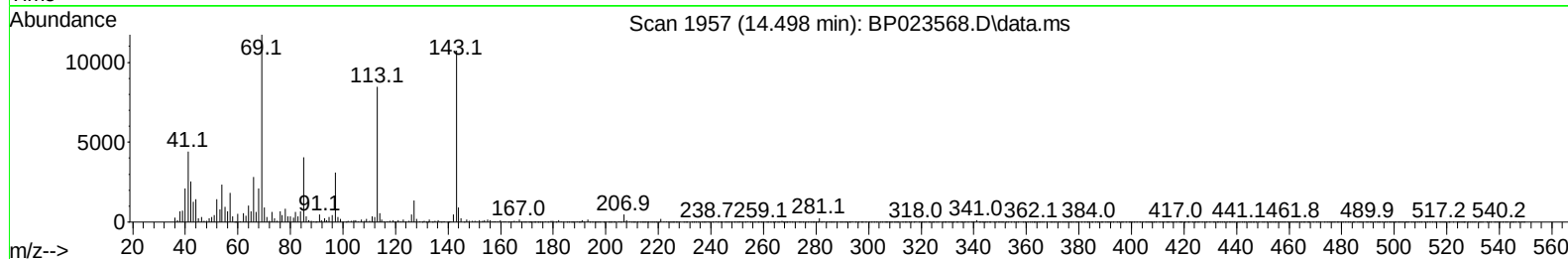
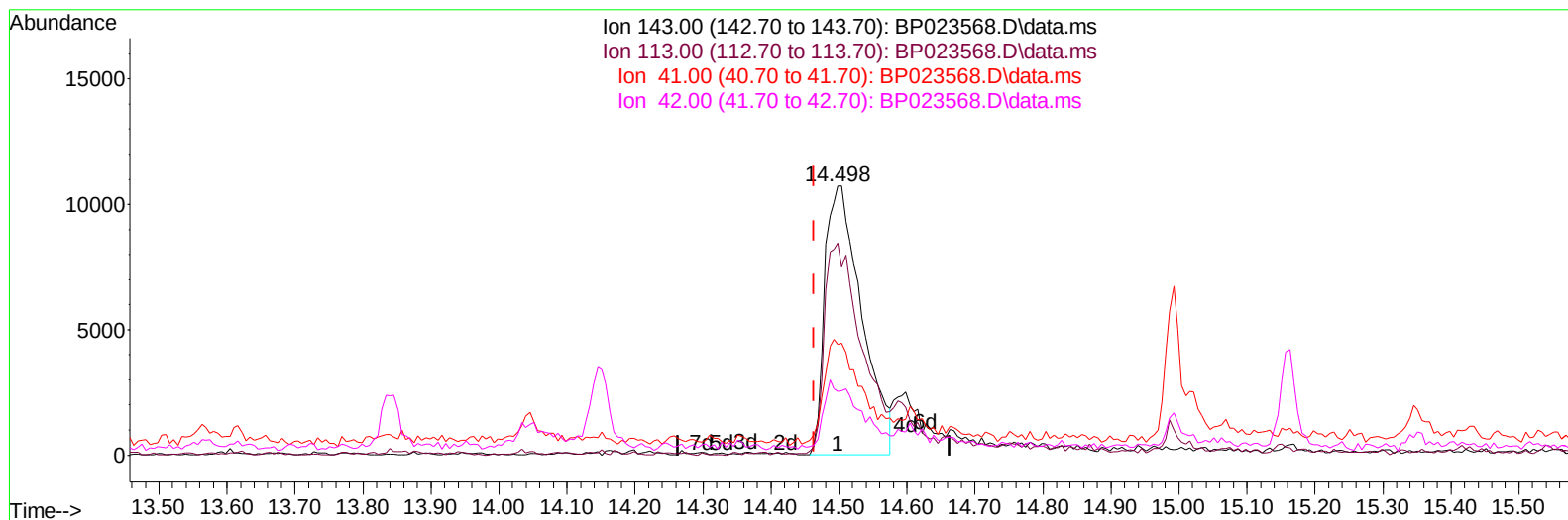
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023568.D
Acq On : 23 Dec 2024 18:24
Operator : RC/JU
Sample : P5333-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2917

Manual IntegrationsAPPROVED

Quant Time: Dec 24 04:33:15 2024
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Quant Title : SVOA CALIBRATION
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TIC: BP023568.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.498min (+ 0.035) 18.65 ng/ul

response 40206

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	106.10	78.90#
41.00	45.60	41.05
42.00	31.70	23.77#

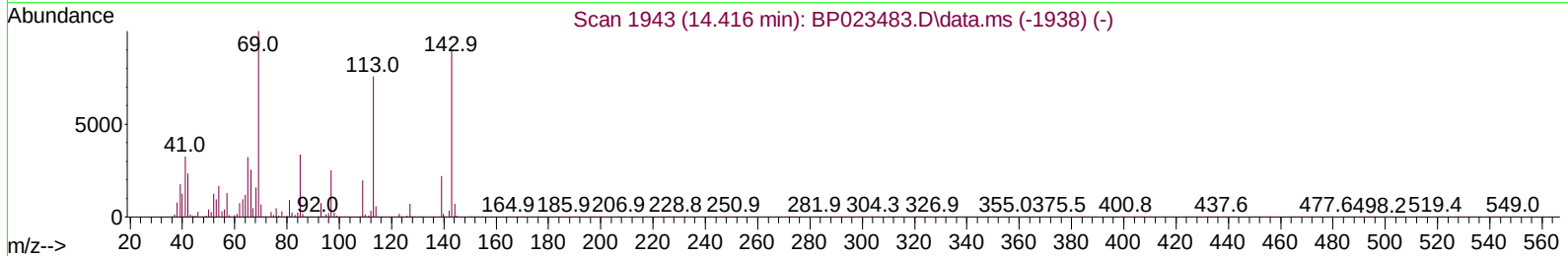
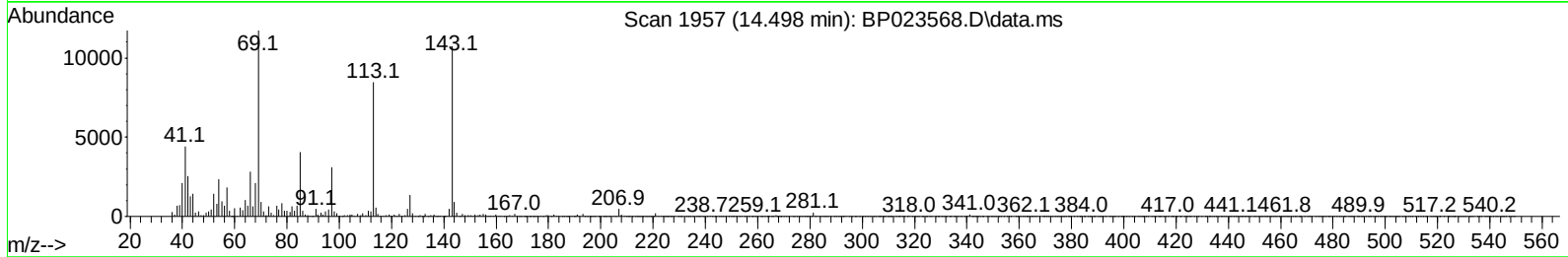
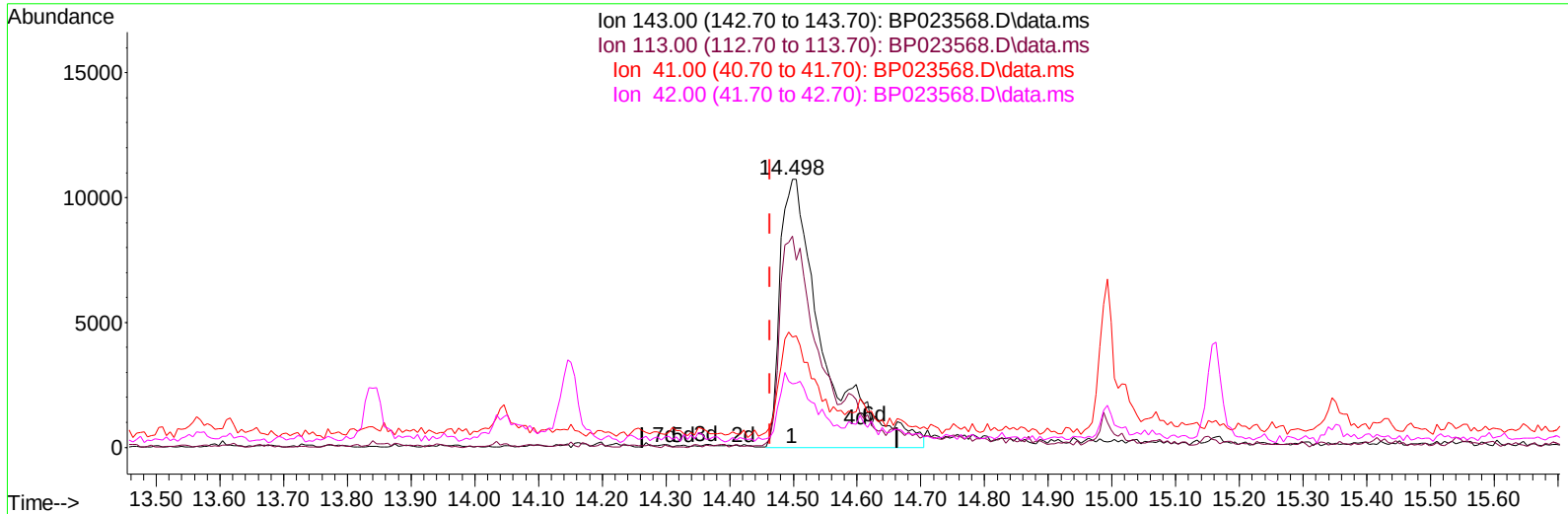
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
 Data File : BP023568.D
 Acq On : 23 Dec 2024 18:24
 Operator : RC/JU
 Sample : P5333-15
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E2917

Manual IntegrationsAPPROVED

Quant Time: Dec 24 04:33:15 2024
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 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 24 02:14:57 2024
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Reviewed By :Yogesh Patel 12/24/2024
 Supervised By :mohammad ahmed 12/30/2024



TIC: BP023568.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.498min (+ 0.035) 23.15 ng/ul m

response 49894

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	106.10	78.90#
41.00	45.60	41.05
42.00	31.70	23.77#

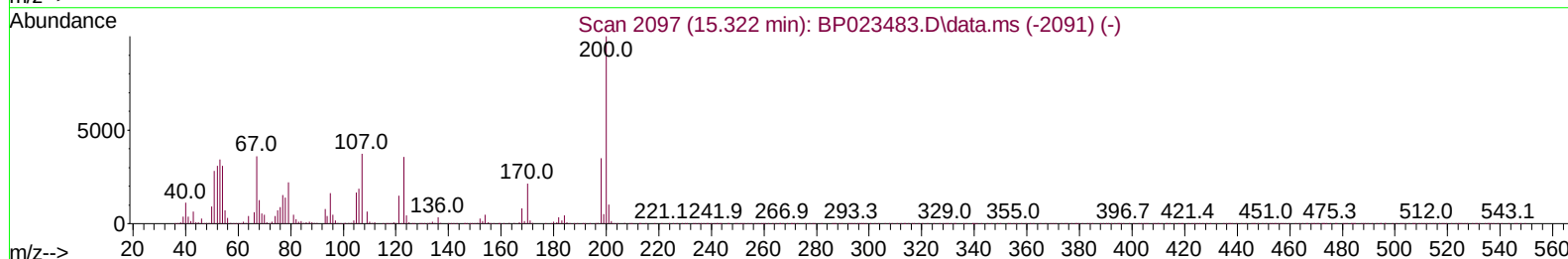
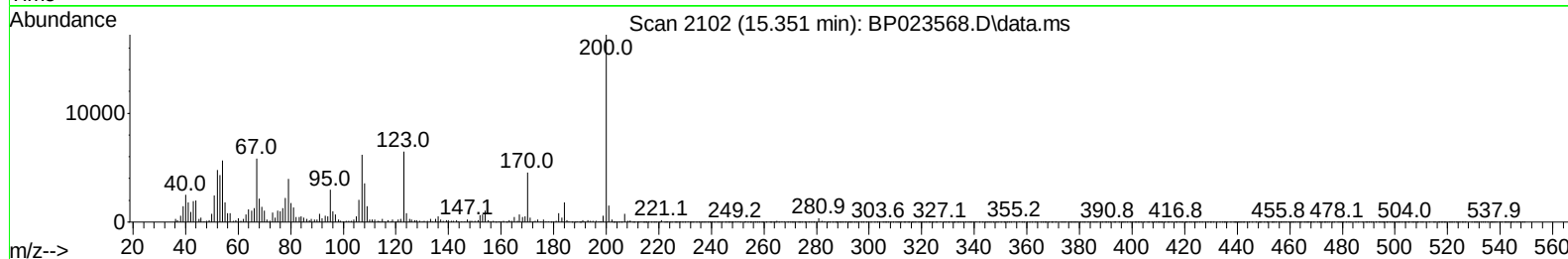
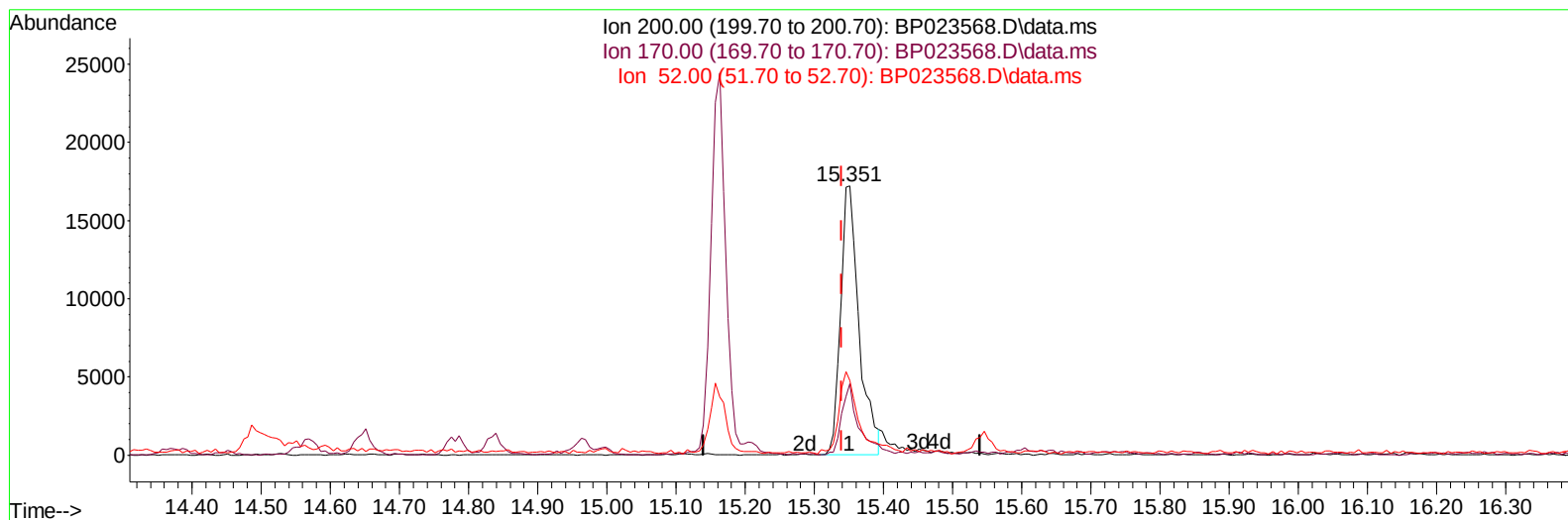
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023568.D
Acq On : 23 Dec 2024 18:24
Operator : RC/JU
Sample : P5333-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2917

Manual IntegrationsAPPROVED

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TIC: BP023568.D\data.ms

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

15.351min (+ 0.012) 10.92 ng/ul

response 31957

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	23.30	26.58
52.00	37.90	27.78#
0.00	0.00	0.00

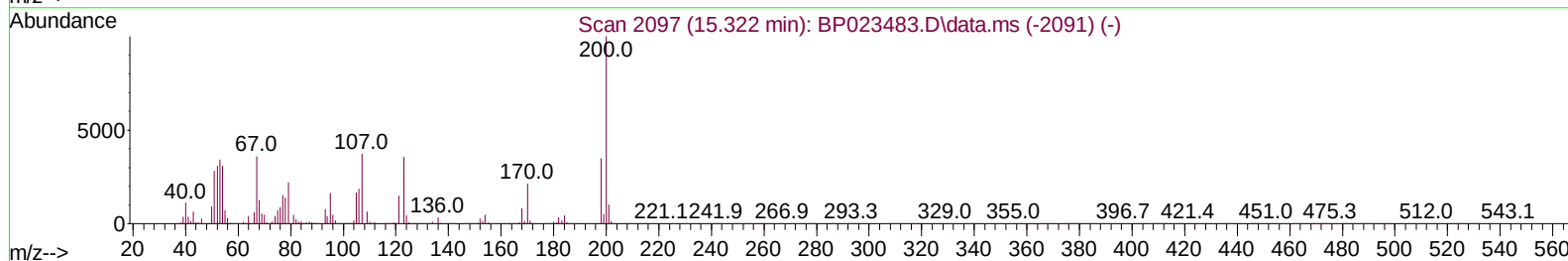
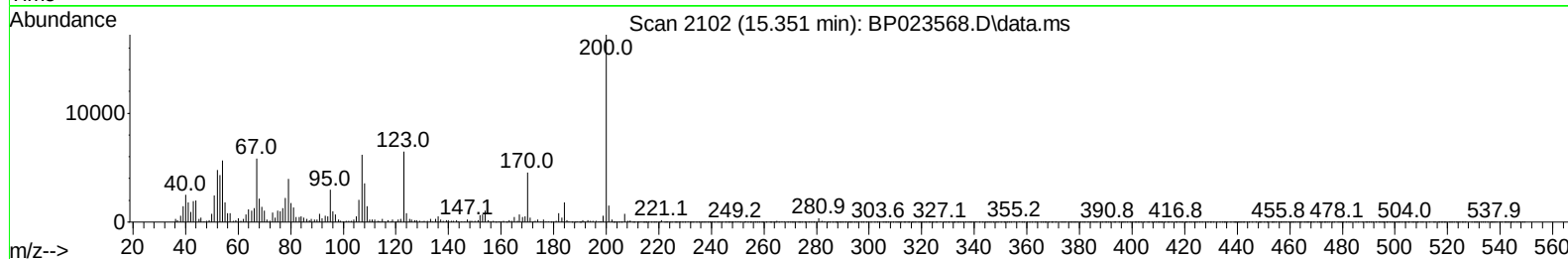
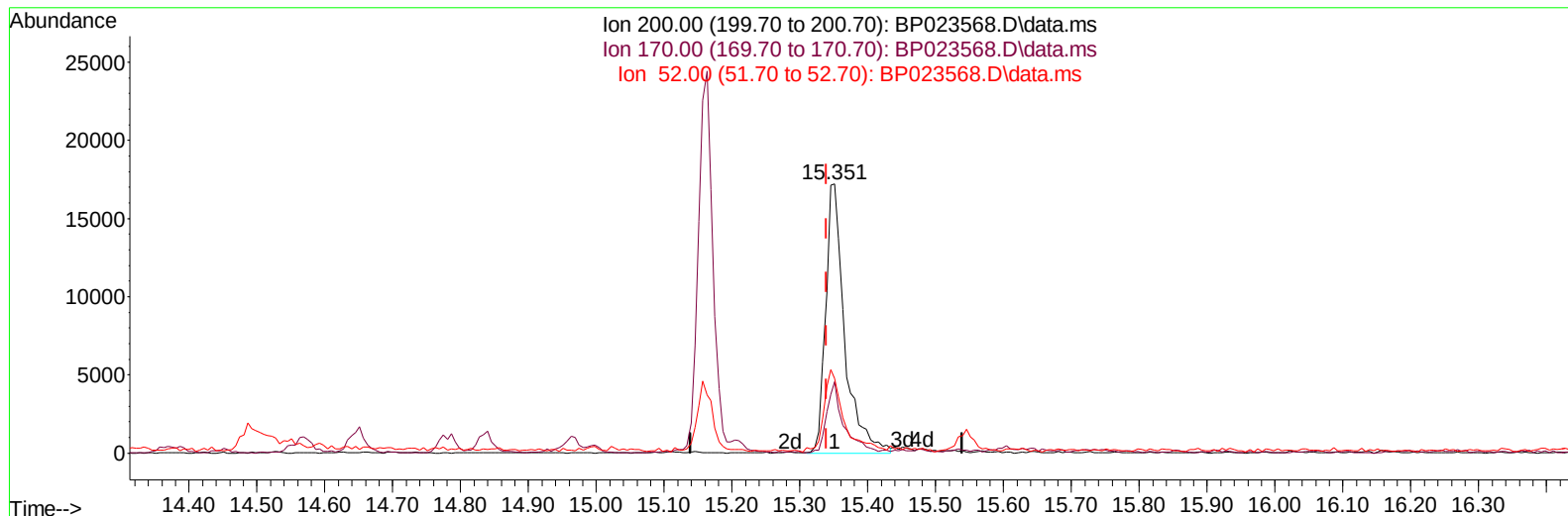
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Data File : BP023568.D
Acq On : 23 Dec 2024 18:24
Operator : RC/JU
Sample : P5333-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2917

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/30/2024

Quant Time: Dec 24 04:33:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 24 02:14:57 2024
Response via : Initial Calibration



TIC: BP023568.D\data.ms

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

15.351min (+ 0.012) 11.56 ng/ul m

response 33831

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	23.30	26.58
52.00	37.90	27.78#
0.00	0.00	0.00

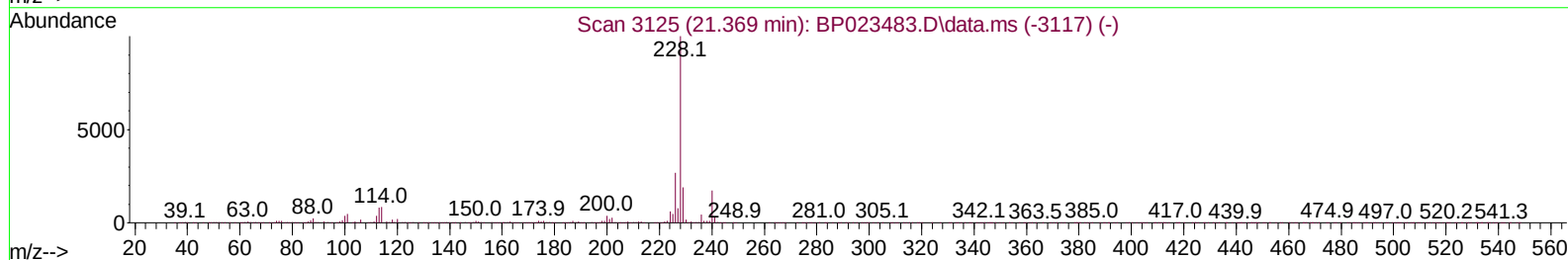
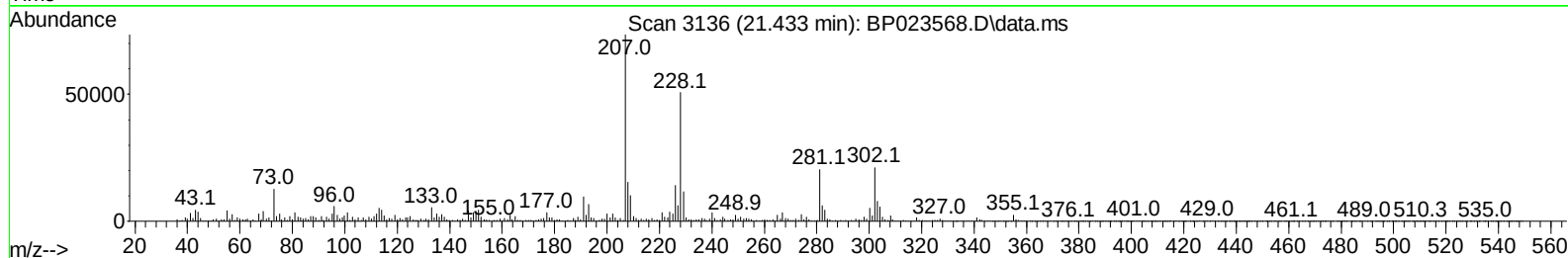
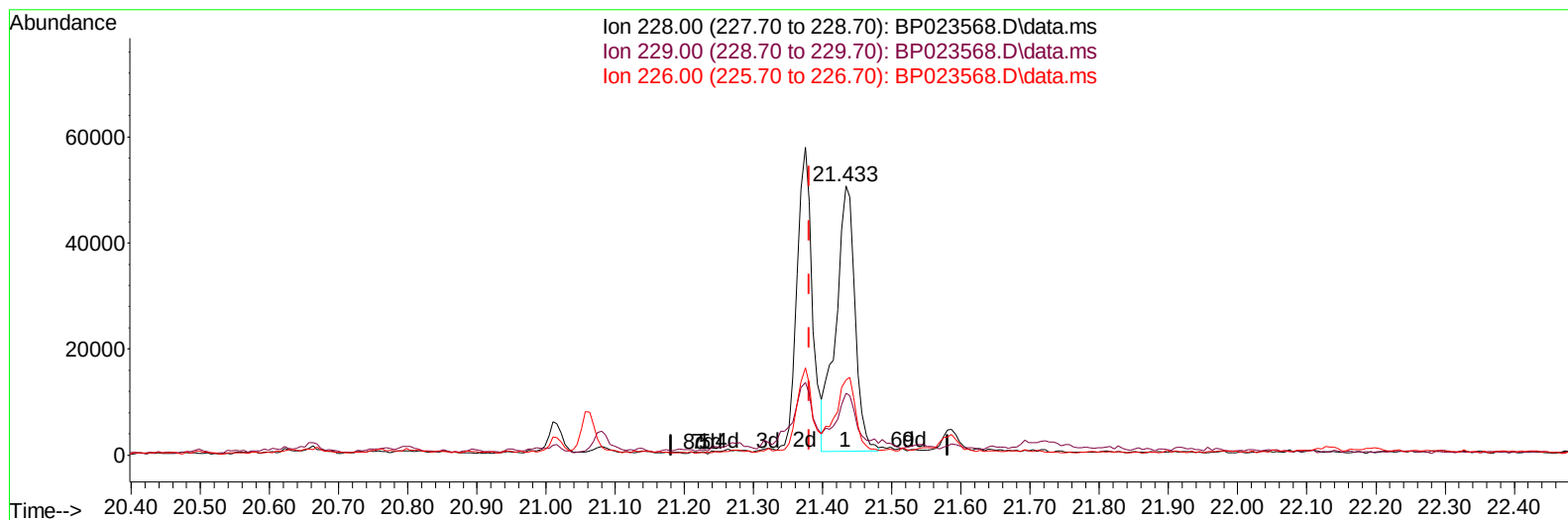
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Data File : BP023568.D
Acq On : 23 Dec 2024 18:24
Operator : RC/JU
Sample : P5333-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2917

Manual IntegrationsAPPROVED

Quant Time: Dec 24 04:33:15 2024
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TIC: BP023568.D\data.ms

(85) Benzo(a)anthracene

21.433min (+ 0.053) 2.67 ng/u1

response 96854

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	22.99
226.00	27.00	27.91
0.00	0.00	0.00

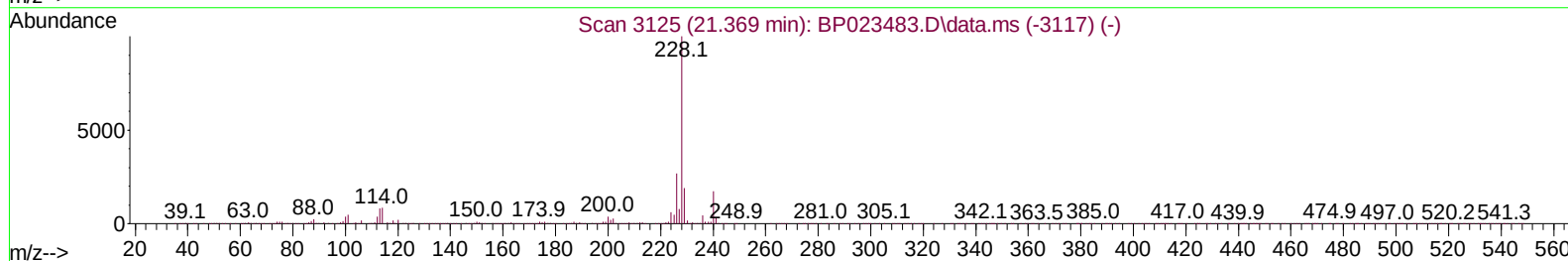
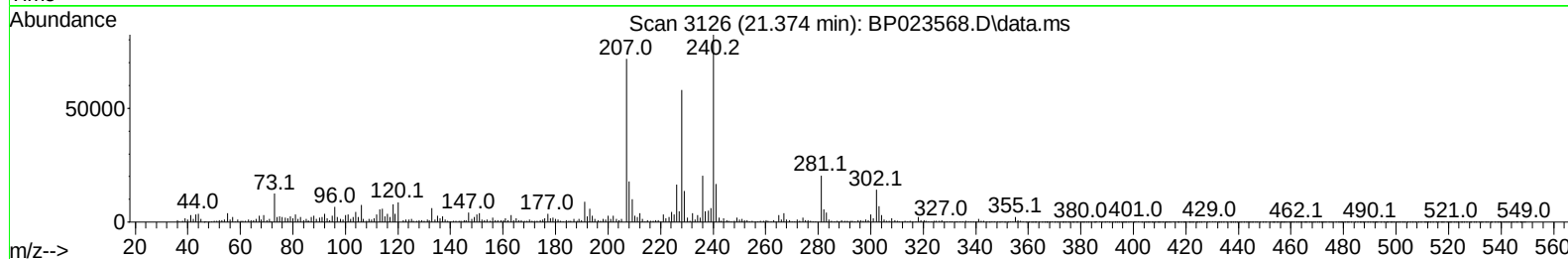
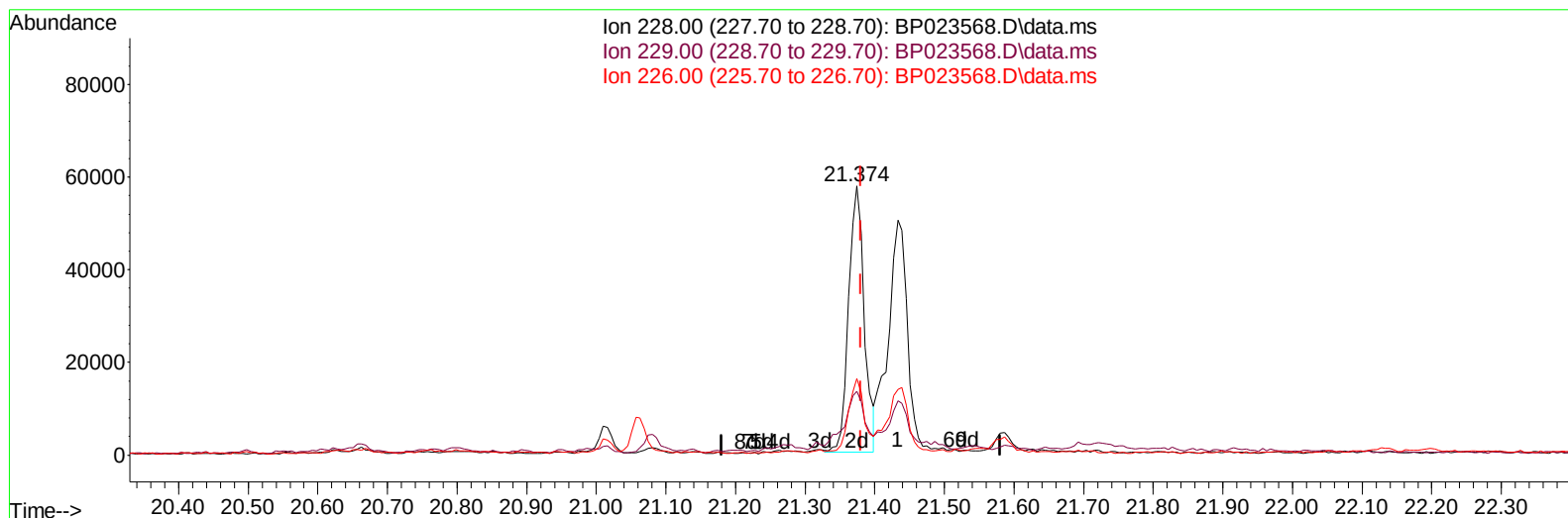
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
 Data File : BP023568.D
 Acq On : 23 Dec 2024 18:24
 Operator : RC/JU
 Sample : P5333-15
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E2917

Manual IntegrationsAPPROVED

Quant Time: Dec 24 04:33:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 24 02:14:57 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/24/2024
 Supervised By :mohammad ahmed 12/30/2024



TIC: BP023568.D\data.ms

(85) Benzo(a)anthracene

21.374min (-0.006) 2.47 ng/ul m

response 89703

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	23.69#
226.00	27.00	28.33
0.00	0.00	0.00

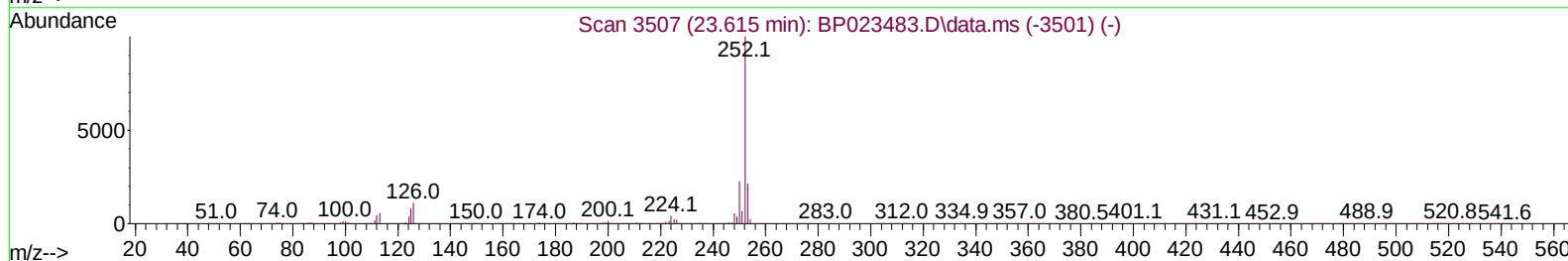
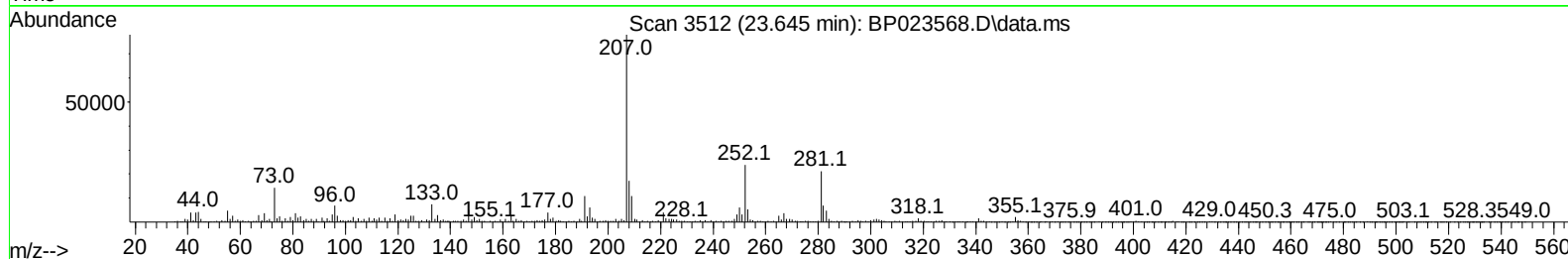
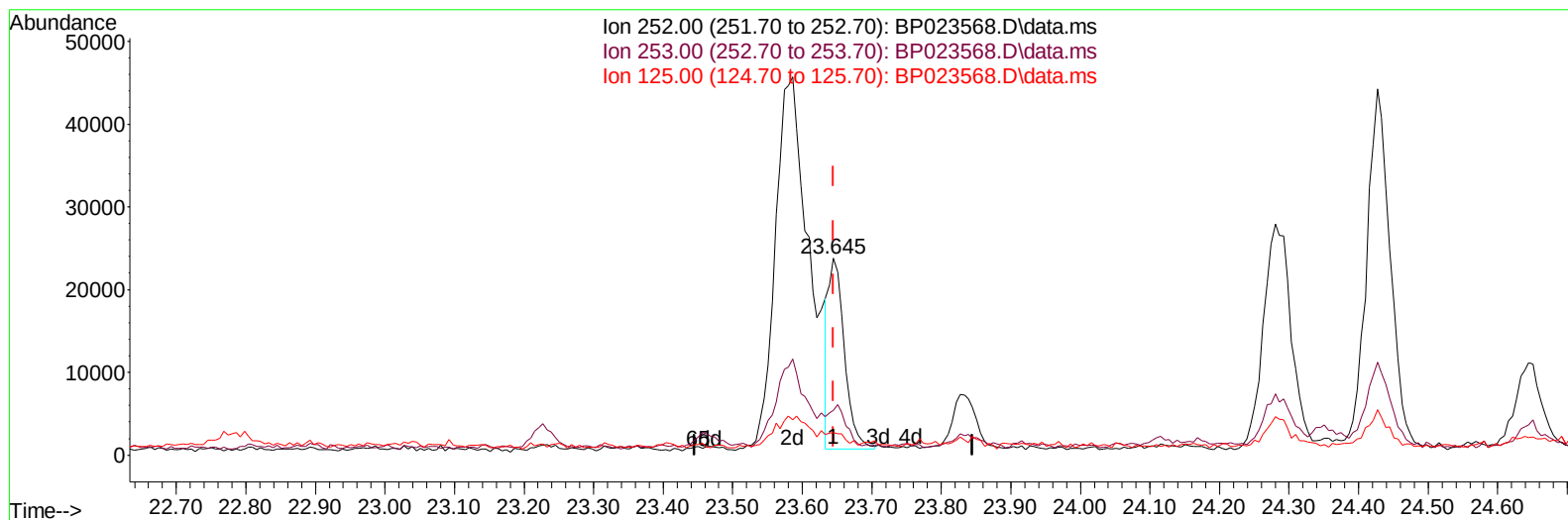
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023568.D
Acq On : 23 Dec 2024 18:24
Operator : RC/JU
Sample : P5333-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2917

Manual IntegrationsAPPROVED

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TIC: BP023568.D\data.ms

(91) Benzo(k)fluoranthene

23.645min (-0.000) 0.94 ng/u1

response 36282

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	22.78
125.00	5.40	11.52#
0.00	0.00	0.00

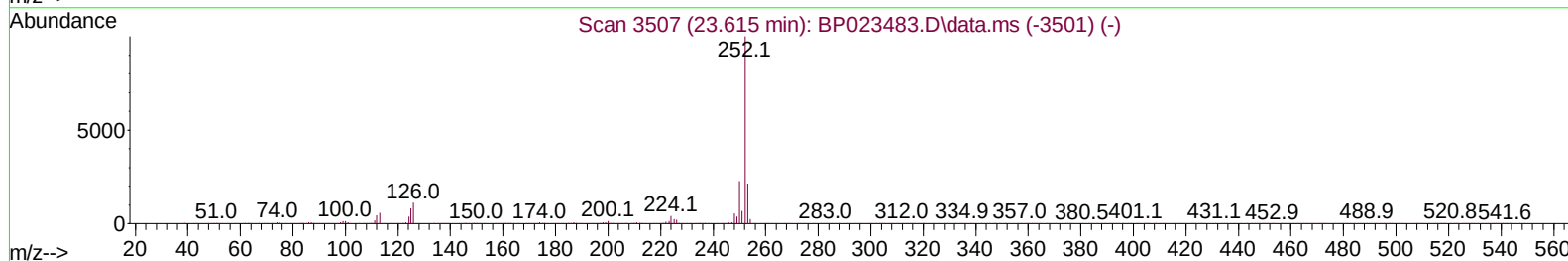
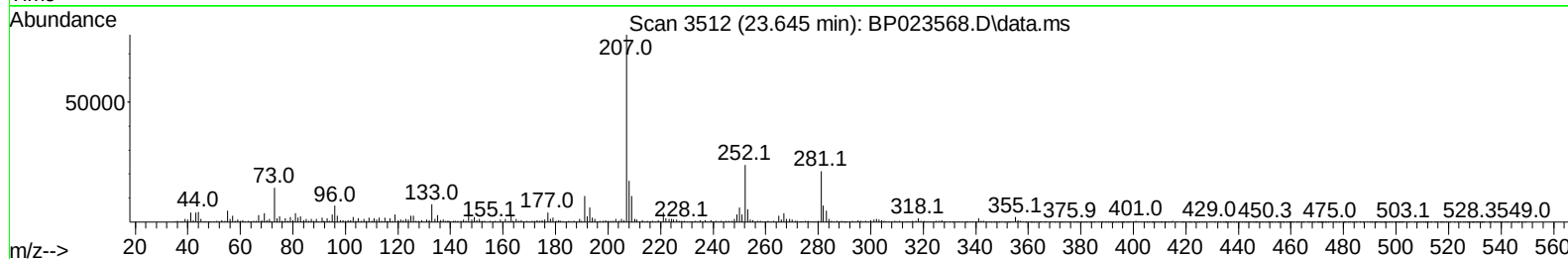
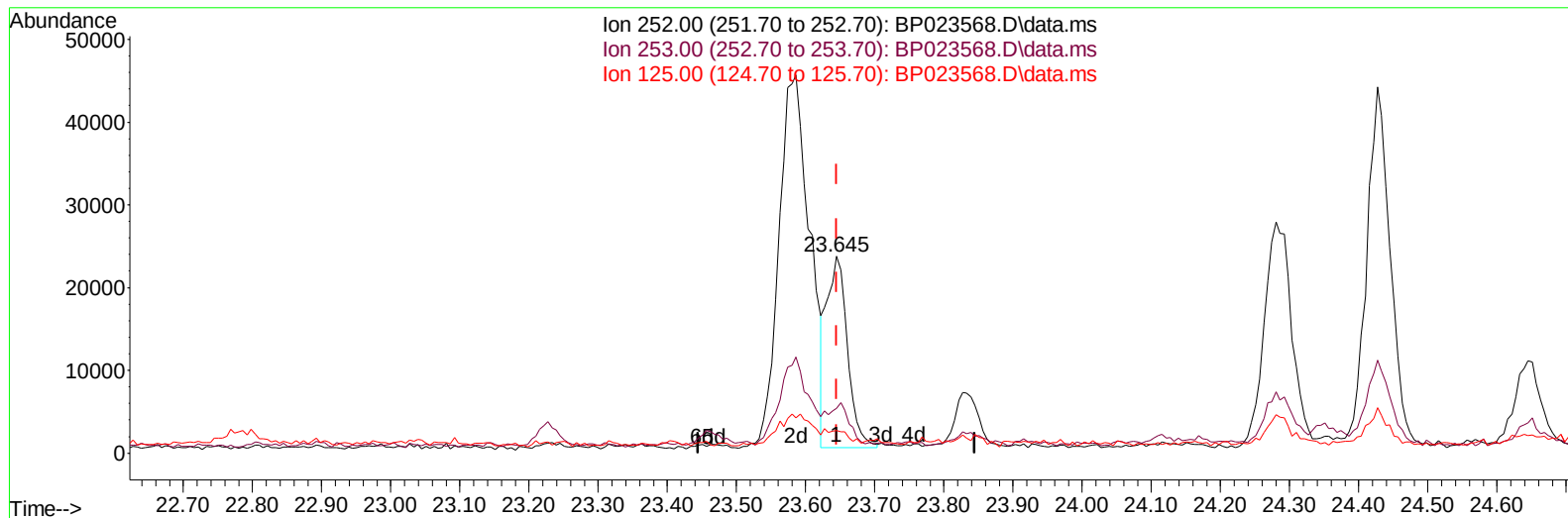
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Data File : BP023568.D
Acq On : 23 Dec 2024 18:24
Operator : RC/JU
Sample : P5333-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2917

Manual IntegrationsAPPROVED

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TIC: BP023568.D\data.ms

(91) Benzo(k)fluoranthene

23.645min (-0.000) 1.27 ng/ul m

response 48930

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	22.78
125.00	5.40	11.52#
0.00	0.00	0.00

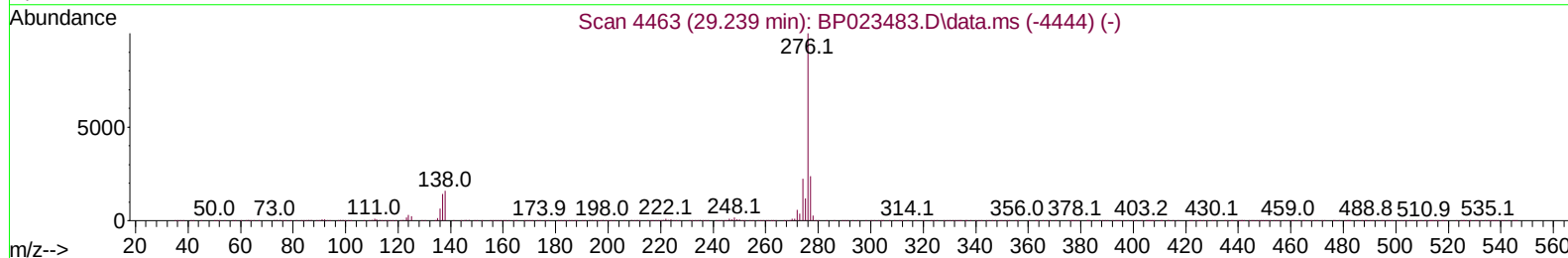
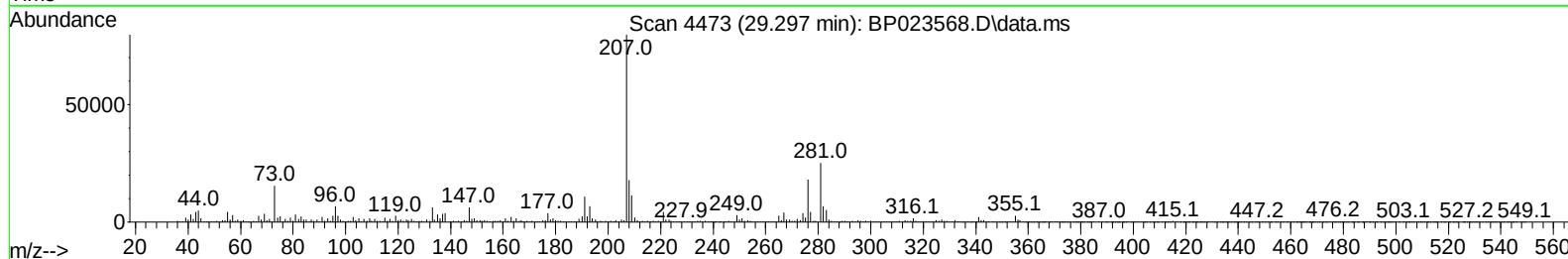
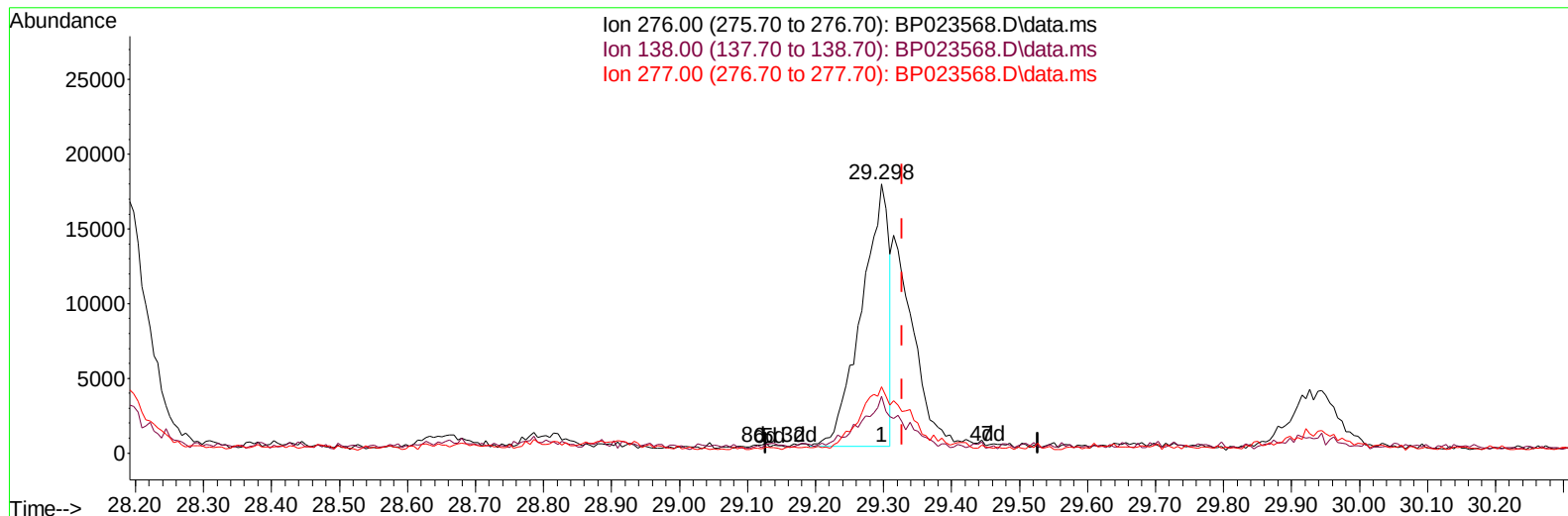
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023568.D
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Operator : RC/JU
Sample : P5333-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 12/30/2024



TIC: BP023568.D\data.ms

(96) Benzo(g,h,i)perylene

29.297min (-0.030) 1.43 ng/u1

response 49354

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.60	21.22#
277.00	23.60	24.73
0.00	0.00	0.00

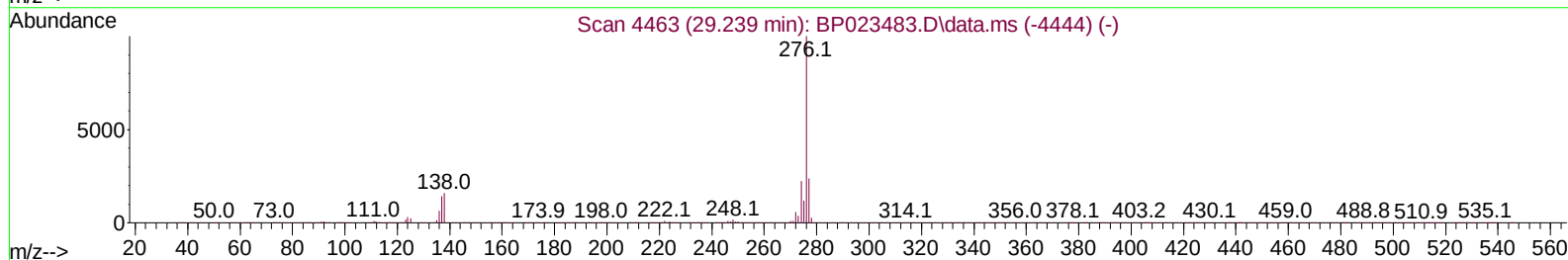
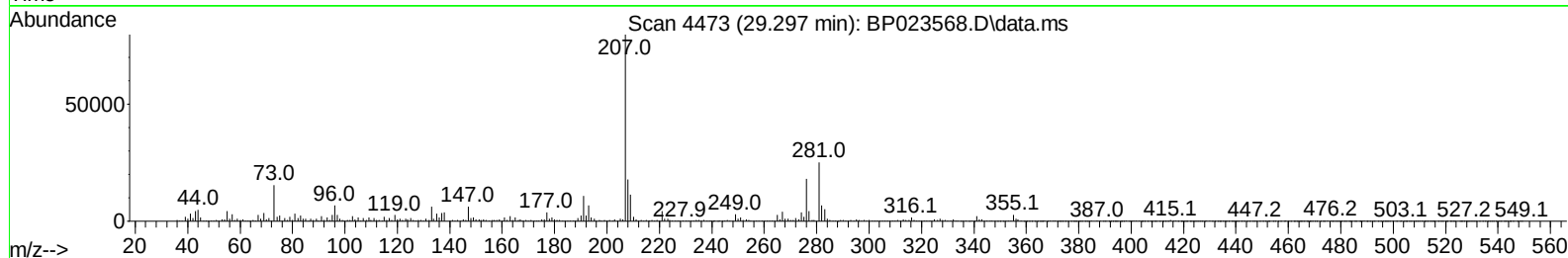
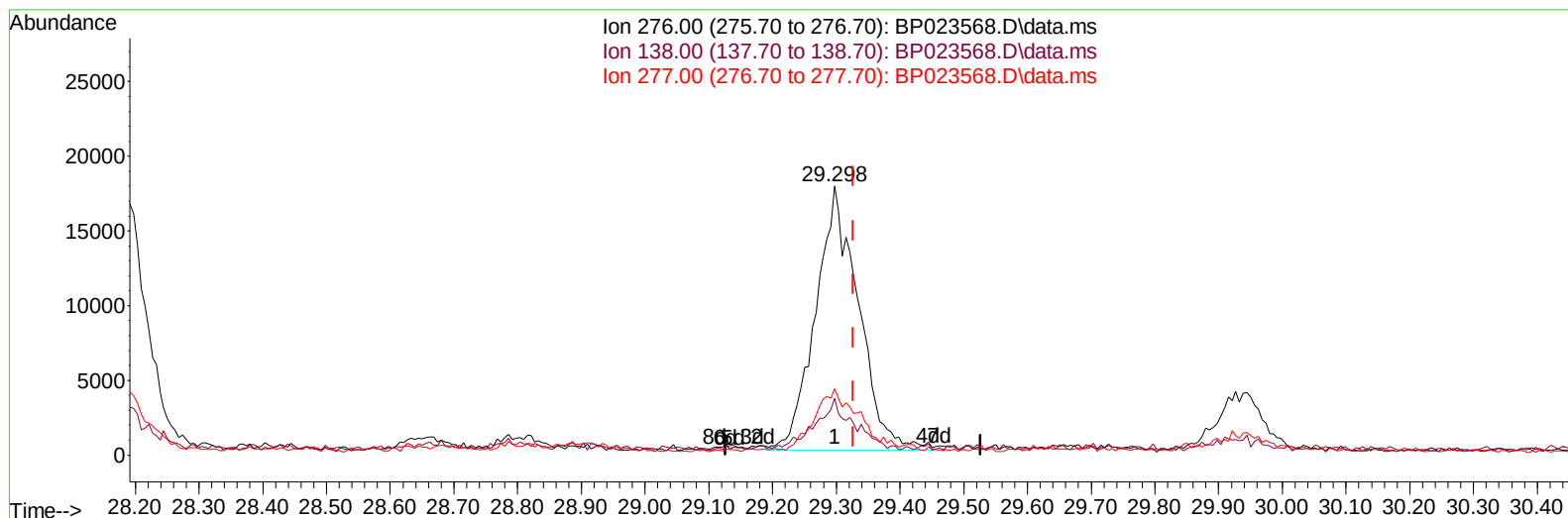
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023568.D
Acq On : 23 Dec 2024 18:24
Operator : RC/JU
Sample : P5333-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2917

Manual IntegrationsAPPROVED

Quant Time: Dec 24 04:33:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
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Supervised By :mohammad ahmed 12/30/2024



TIC: BP023568.D\data.ms

(96) Benzo(g,h,i)perylene

29.297min (-0.030) 2.41 ng/u l m

response 82860

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.60	21.22#
277.00	23.60	24.73
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
 Data File : BP023568.D
 Acq On : 23 Dec 2024 18:24
 Operator : RC/JU
 Sample : P5333-15
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E2917

Manual IntegrationsAPPROVED

Quant Time: Dec 24 04:37:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.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	7.522	152	88560	20.000	ng/ul	0.02
20) Naphthalene-d8	10.275	136	327137	20.000	ng/ul	# 0.02
38) Acenaphthene-d10	14.151	164	226602	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.963	188	484281	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.392	240	541504	20.000	ng/ul	# 0.00
88) Perylene-d12	24.568	264	614490	20.000	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.081	96	9163	3.809	ng/uL	0.00
4) Pyridine-d5	3.505	84	105593	17.071	ng/ul	0.02
7) Phenol-d5	6.746	99	149275	21.483	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	6.875	67	97575	22.257	ng/ul	0.02
11) 2-Chlorophenol-d4	7.075	132	111330	21.708	ng/ul	0.02
15) 4-Methylphenol-d8	8.257	113	98070	17.487	ng/ul	0.02
21) Nitrobenzene-d5	8.681	128	51042	20.894	ng/ul	0.02
24) 2-Nitrophenol-d4	9.387	143	62904	22.343	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	9.946	165	116733	19.645	ng/ul	0.02
31) 4-Chloroaniline-d4	10.451	131	102100m	15.338	ng/ul	0.03
46) Dimethylphthalate-d6	13.569	166	399068	22.686	ng/ul	0.01
49) Acenaphthylene-d8	13.839	160	400053	21.561	ng/ul	0.00
54) 4-Nitrophenol-d4	14.498	143	49894m	23.145	ng/ul	0.04
60) Fluorene-d10	15.163	176	305996	19.776	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.351	200	33831m	11.559	ng/ul	0.01
73) Anthracene-d10	17.063	188	482769	21.843	ng/ul	0.00
81) Pyrene-d10	19.451	212	540339	19.099	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.368	264	439477	13.360	ng/ul	0.00
Target Compounds						
					Qvalue	
8) Phenol	6.775	94	11753	1.625	ng/ul	94
72) Phenanthrene	17.004	178	71113	2.840	ng/ul	98
80) Fluoranthene	19.104	202	159870	4.932	ng/ul#	91
82) Pyrene	19.480	202	153003	4.448	ng/ul#	93
85) Benzo(a)anthracene	21.374	228	89703m	2.470	ng/ul	
87) Chrysene	21.433	228	96345	2.769	ng/ul	94
90) Benzo(b)fluoranthene	23.586	252	139254	3.607	ng/ul#	91
91) Benzo(k)fluoranthene	23.645	252	48930m	1.274	ng/ul	
93) Benzo(a)pyrene	24.427	252	102100	2.917	ng/ul#	90
94) Indeno(1,2,3-cd)pyrene	28.180	276	76605	1.703	ng/ul#	92
96) Benzo(g,h,i)perylene	29.297	276	82860m	2.406	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023568.D
Acq On : 23 Dec 2024 18:24
Operator : RC/JU
Sample : P5333-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2917

Manual IntegrationsAPPROVED

Quant Time: Dec 24 04:37:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 24 02:14:57 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/30/2024

