

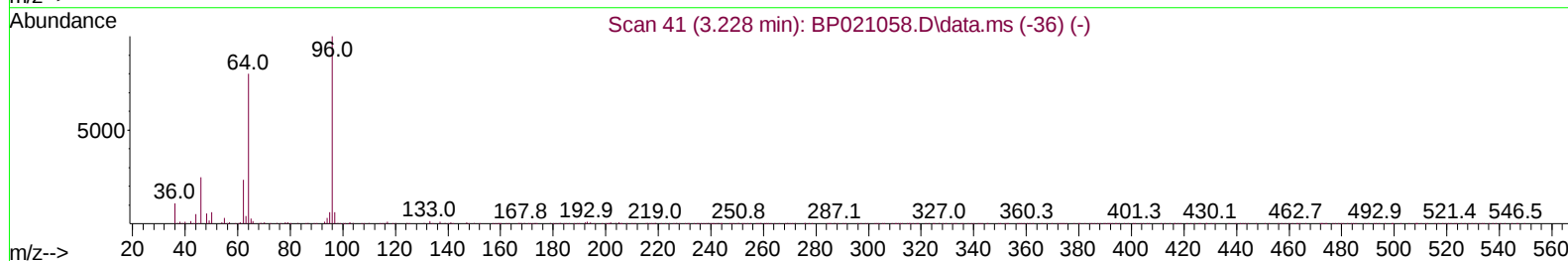
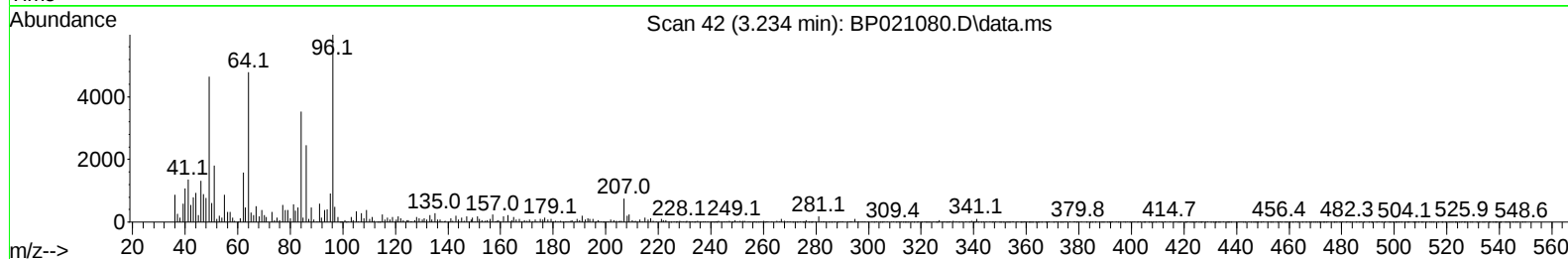
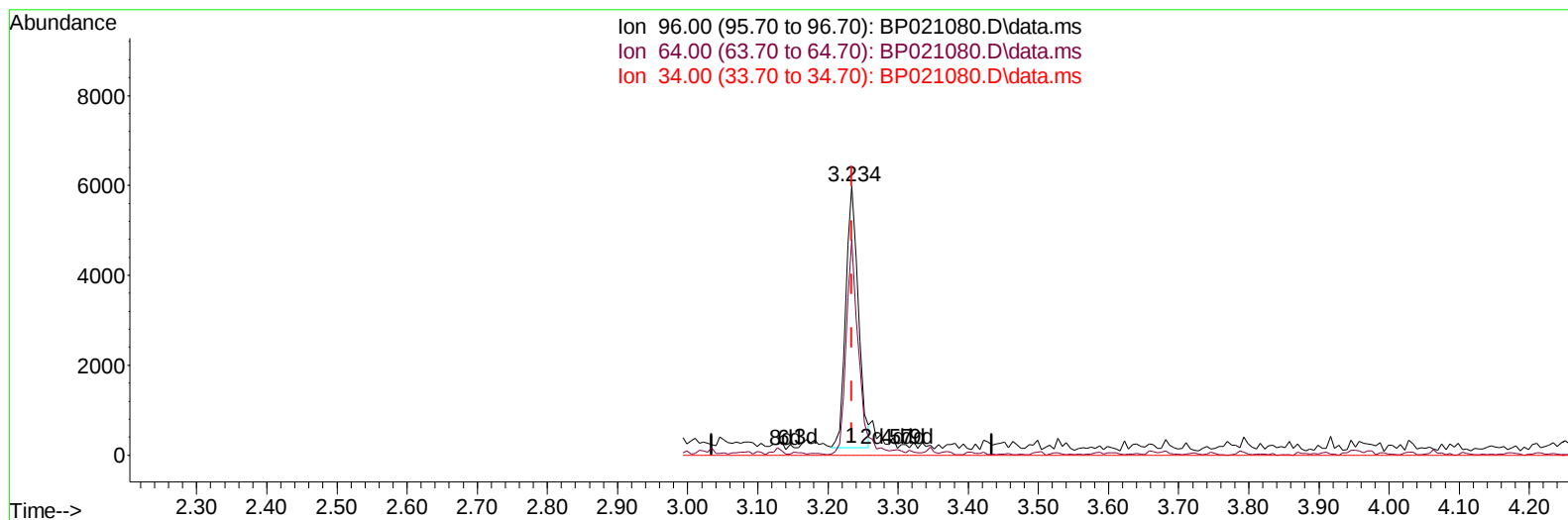
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
 Data File : BP021080.D
 Acq On : 19 Jul 2024 16:23
 Operator : MA/JU
 Sample : P3238-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4BF8

Manual IntegrationsAPPROVED

Quant Time: Jul 20 00:36:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 18 14:23:21 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/20/2024
 Supervised By :mohammad ahmed 07/20/2024



TIC: BP021080.D\data.ms

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

3.234min (-0.000) 2.40 ng/uL

response 7278

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	72.80	80.00
34.00	0.00	0.00
0.00	0.00	0.00

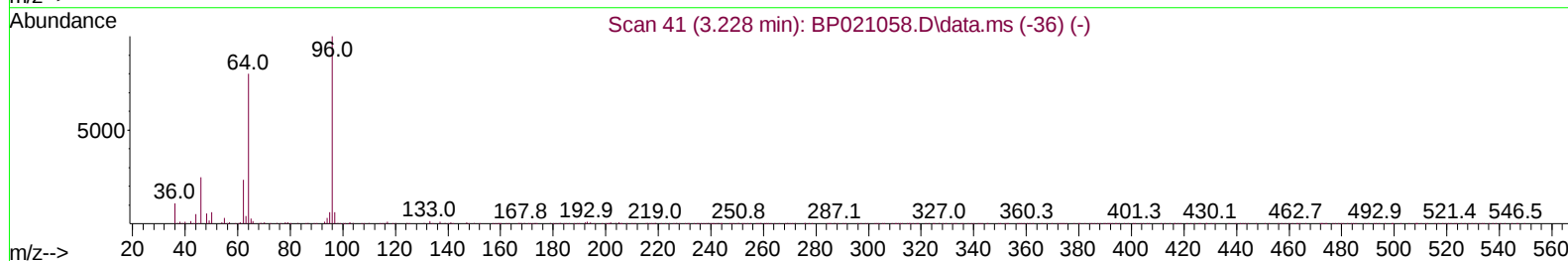
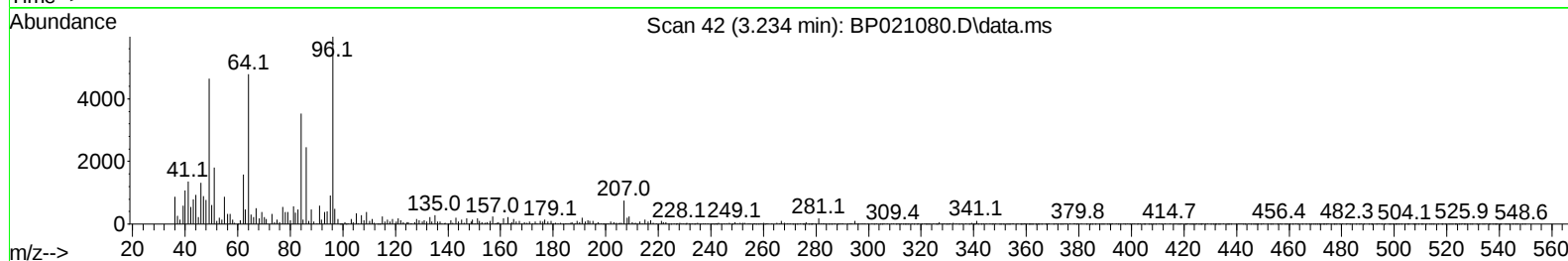
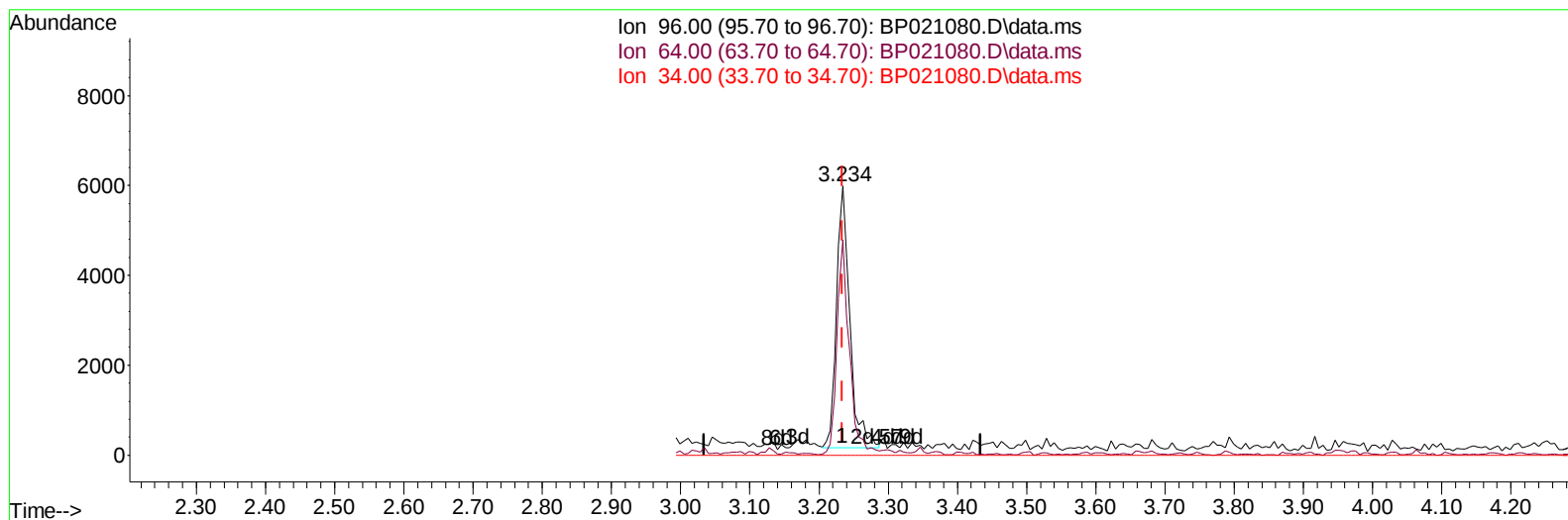
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021080.D
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Instrument :
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ClientSampleId :
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Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



TIC: BP021080.D\data.ms

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

3.234min (-0.000) 2.56 ng/uL m

response 7754

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	72.80	80.00
34.00	0.00	0.00
0.00	0.00	0.00

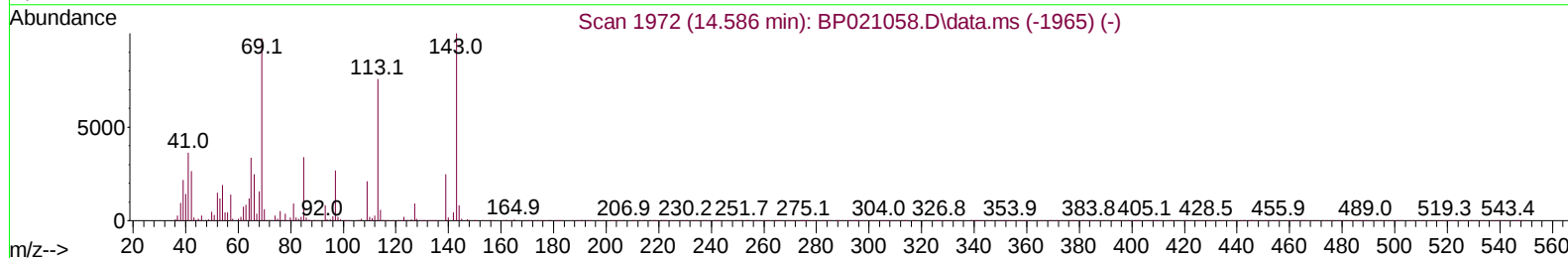
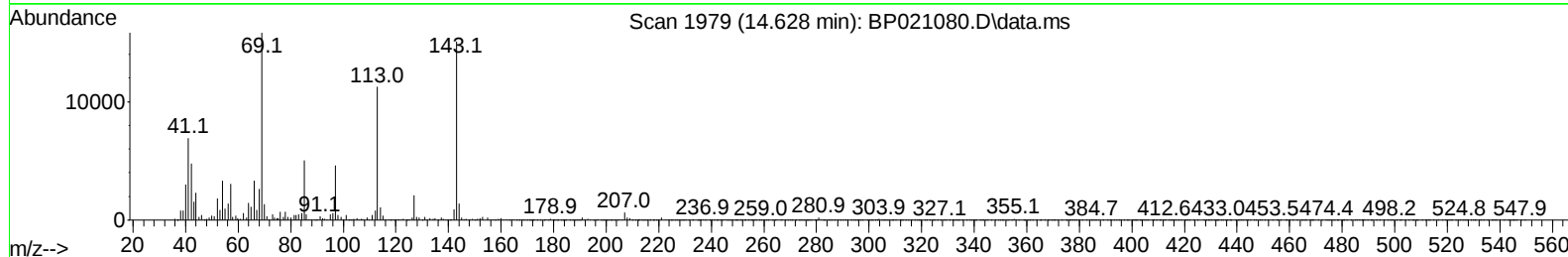
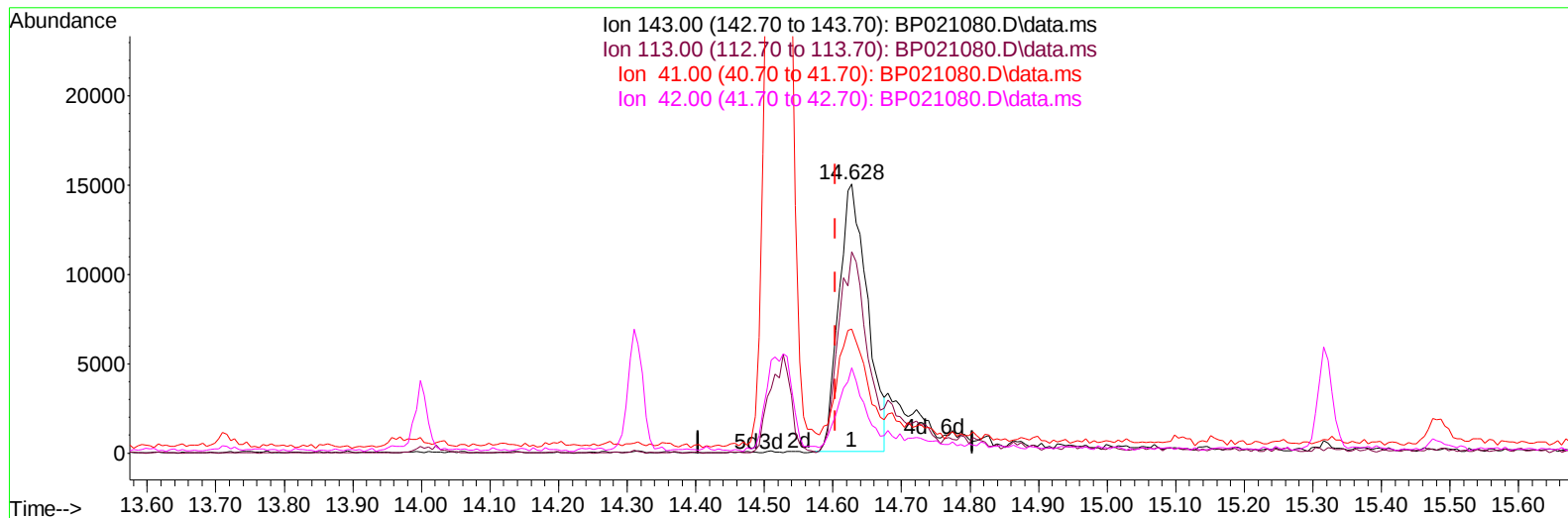
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Instrument :
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TIC: BP021080.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.628min (+ 0.023) 11.62 ng/u1

response 43062

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	74.70	74.77
41.00	37.90	45.99#
42.00	27.10	31.67

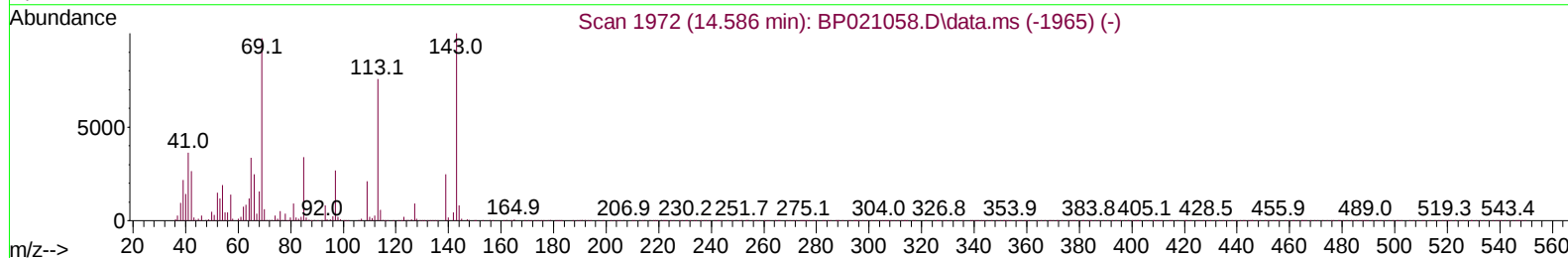
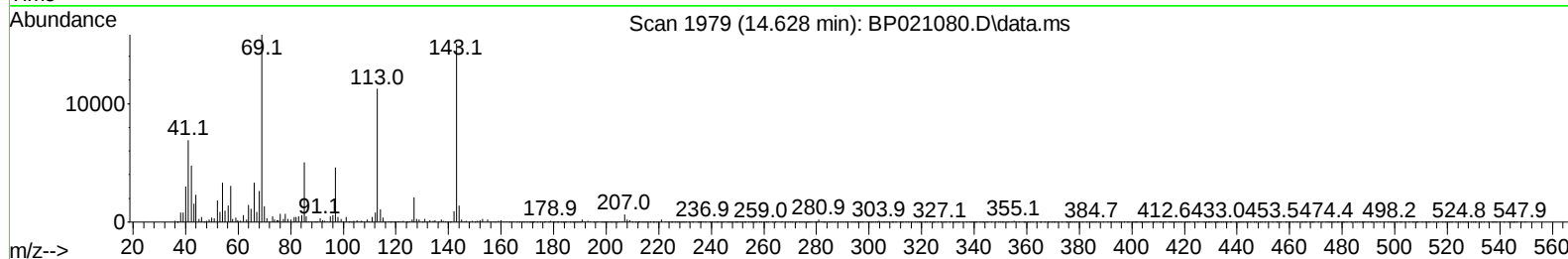
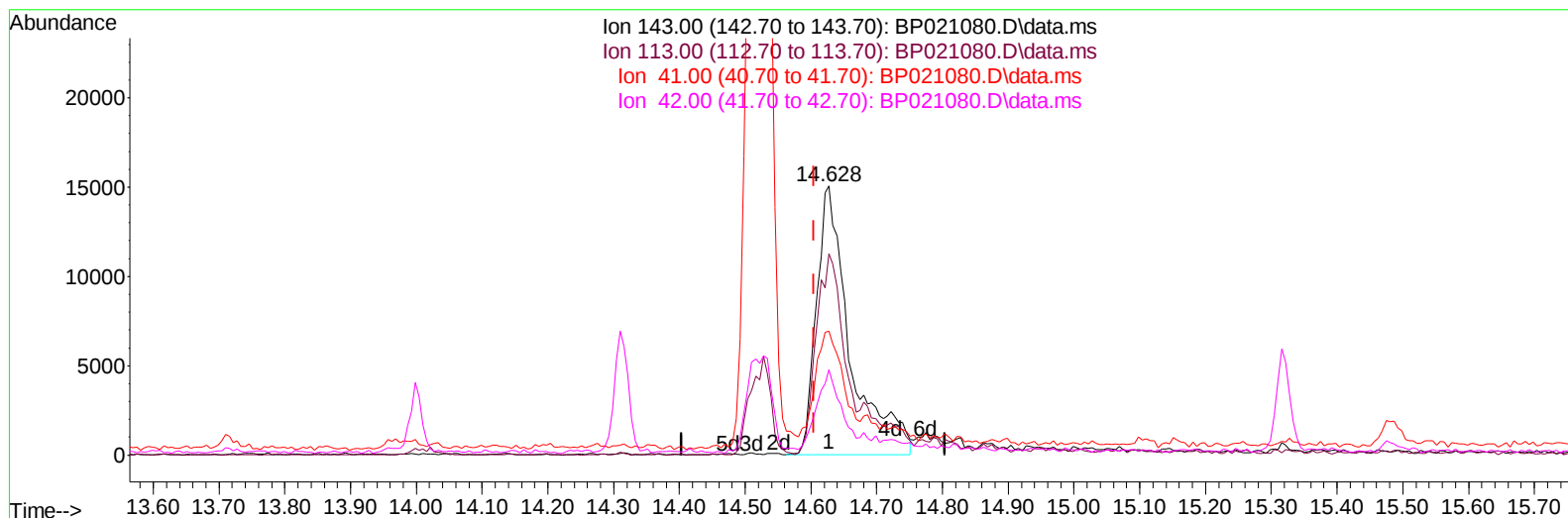
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021080.D
Acq On : 19 Jul 2024 16:23
Operator : MA/JU
Sample : P3238-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



TIC: BP021080.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.628min (+ 0.023) 14.48 ng/ul m

response 53663

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	74.70	74.77
41.00	37.90	45.99#
42.00	27.10	31.67

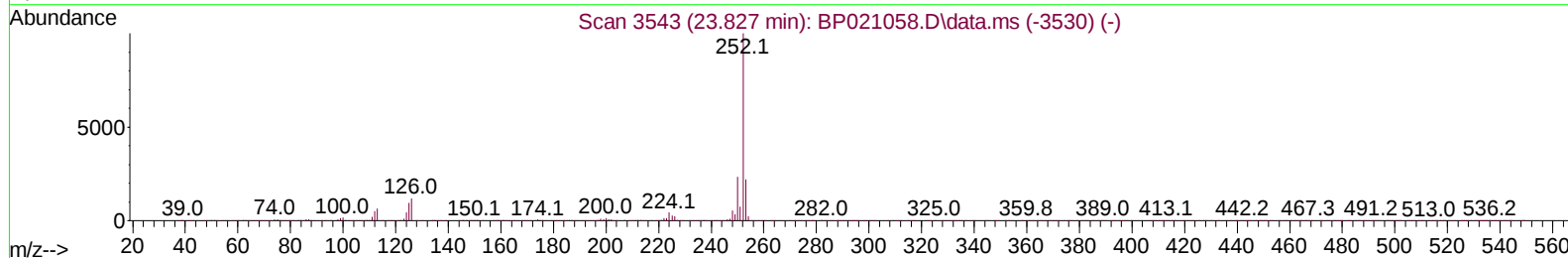
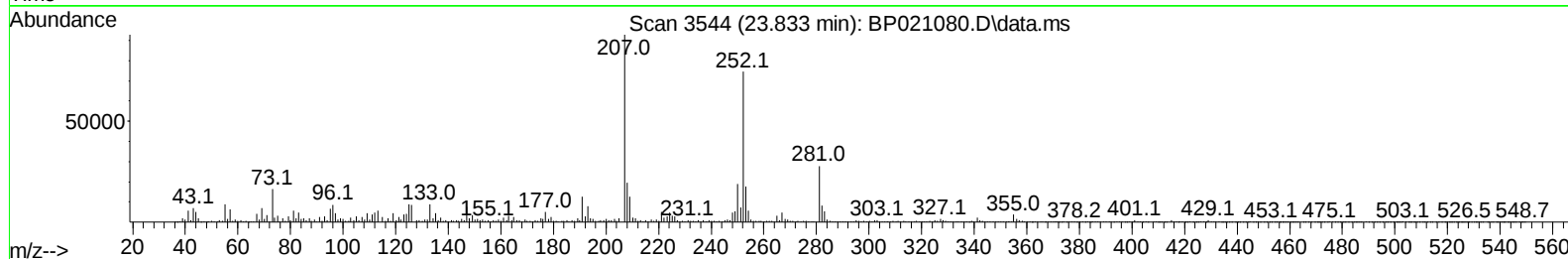
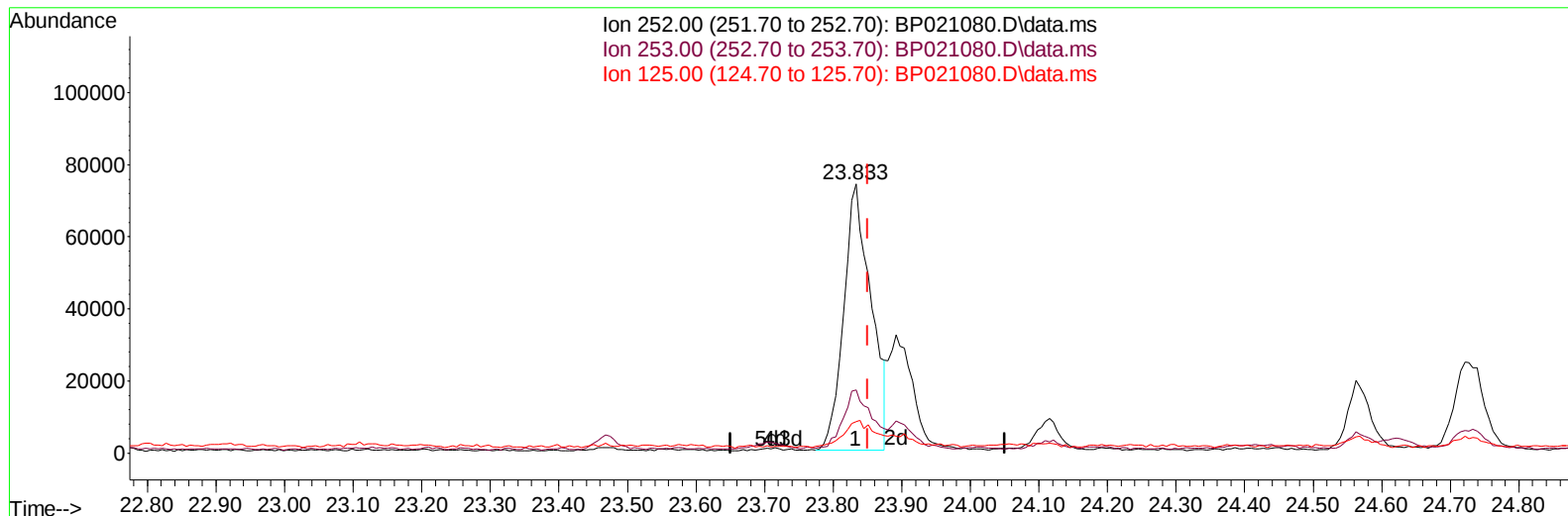
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021080.D
Acq On : 19 Jul 2024 16:23
Operator : MA/JU
Sample : P3238-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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TIC: BP021080.D\data.ms

(90) Benzo(b)fluoranthene

23.833min (-0.018) 3.14 ng/u1

response 204284

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.40	23.45
125.00	8.70	11.65#
0.00	0.00	0.00

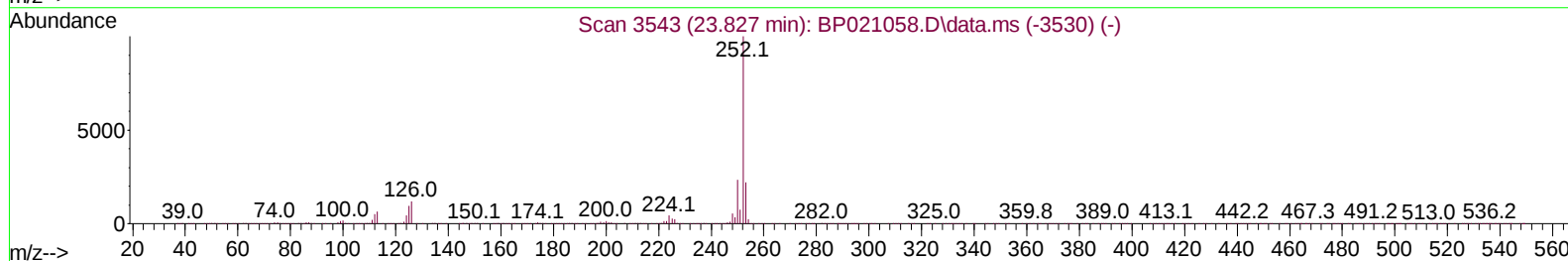
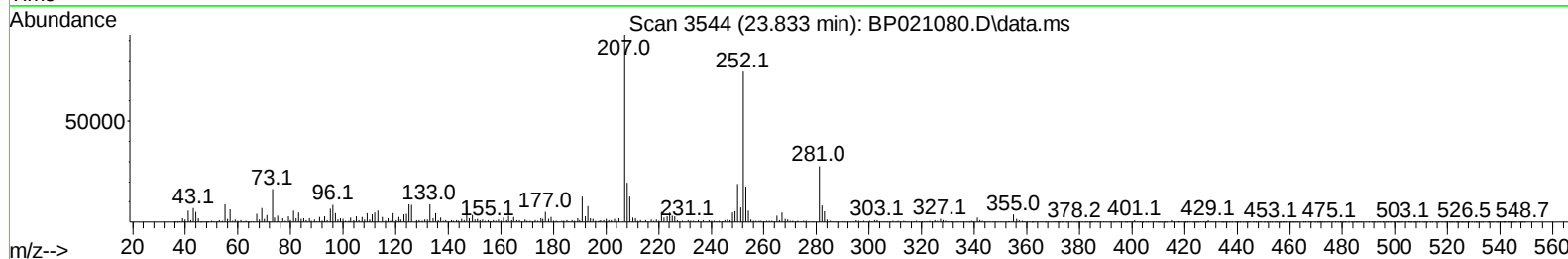
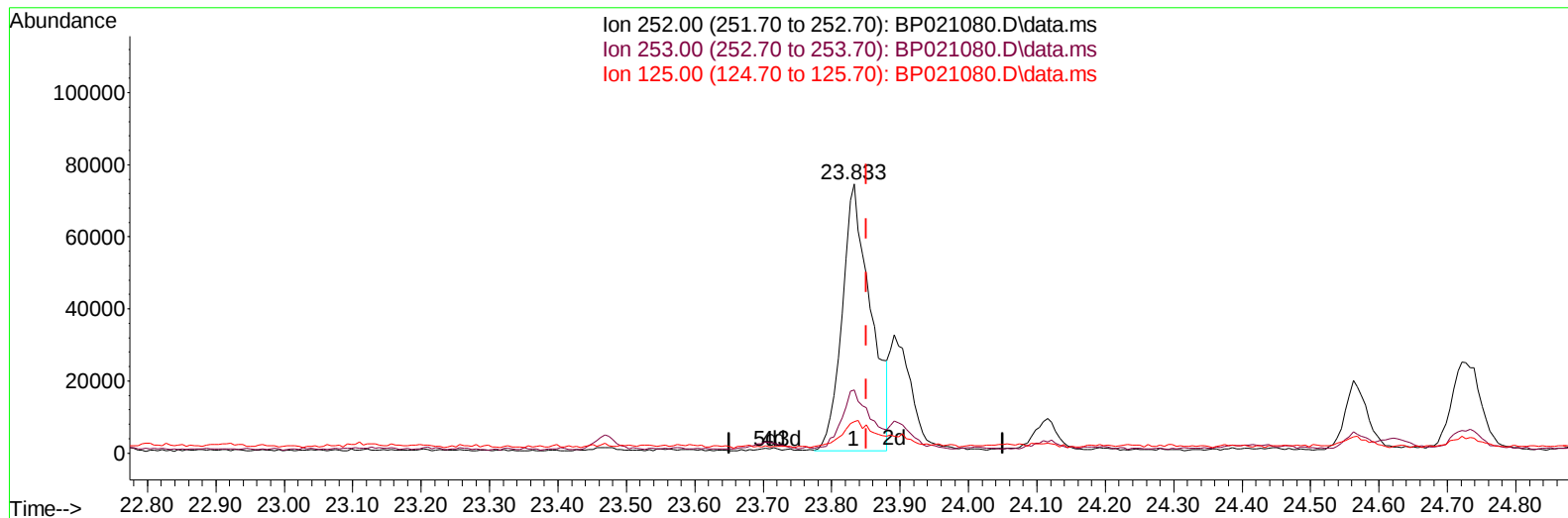
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021080.D
Acq On : 19 Jul 2024 16:23
Operator : MA/JU
Sample : P3238-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BF8

Manual IntegrationsAPPROVED

Quant Time: Jul 20 00:36:48 2024
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Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



TIC: BP021080.D\data.ms

(90) Benzo(b)fluoranthene

23.833min (-0.018) 3.30 ng/u1 m

response 214463

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.40	23.45
125.00	8.70	11.65#
0.00	0.00	0.00

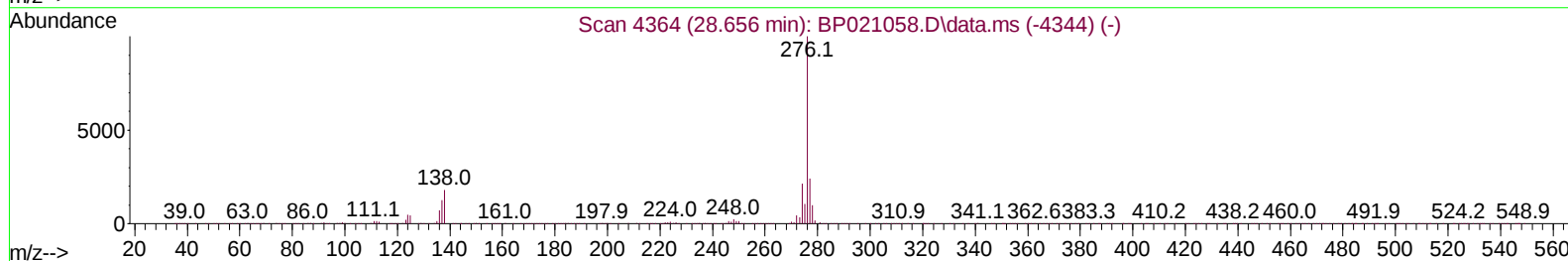
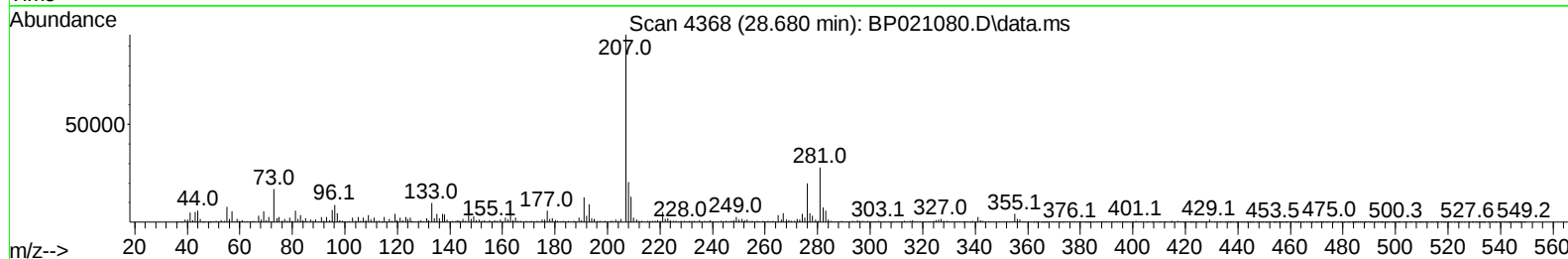
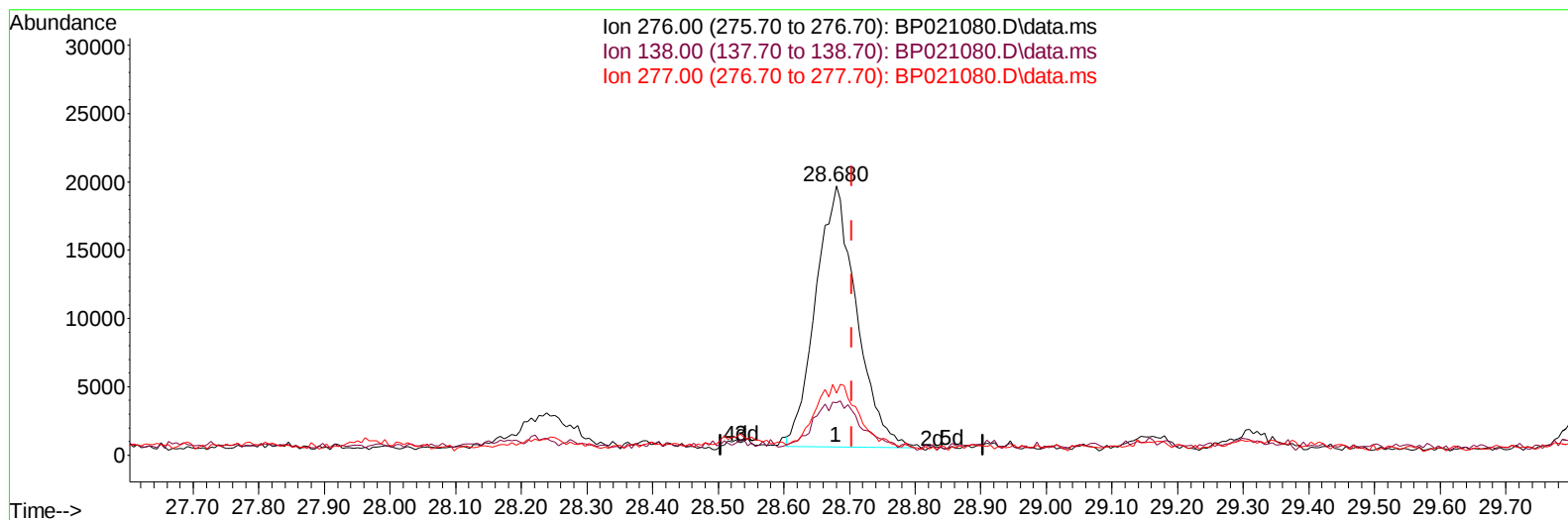
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Operator : MA/JU
Sample : P3238-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BF8

Manual IntegrationsAPPROVED

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TIC: BP021080.D\data.ms

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

28.680min (-0.024) 1.04 ng/u1

response 82482

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.90	19.40
277.00	24.00	23.05
0.00	0.00	0.00

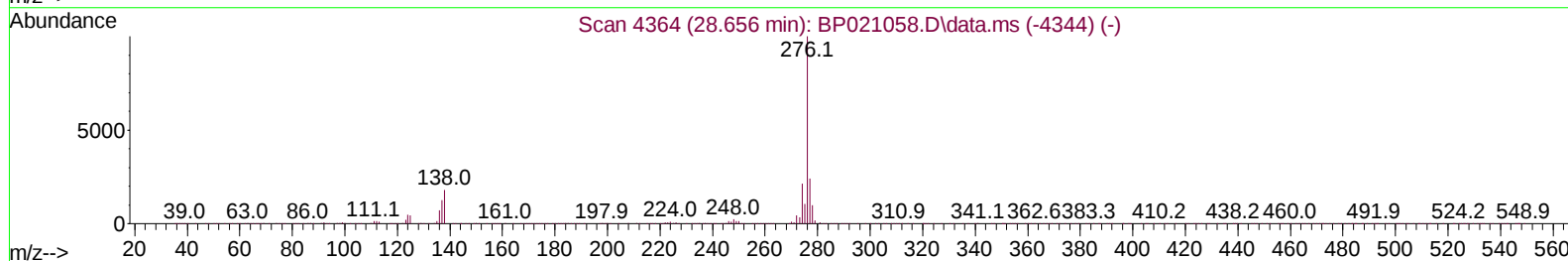
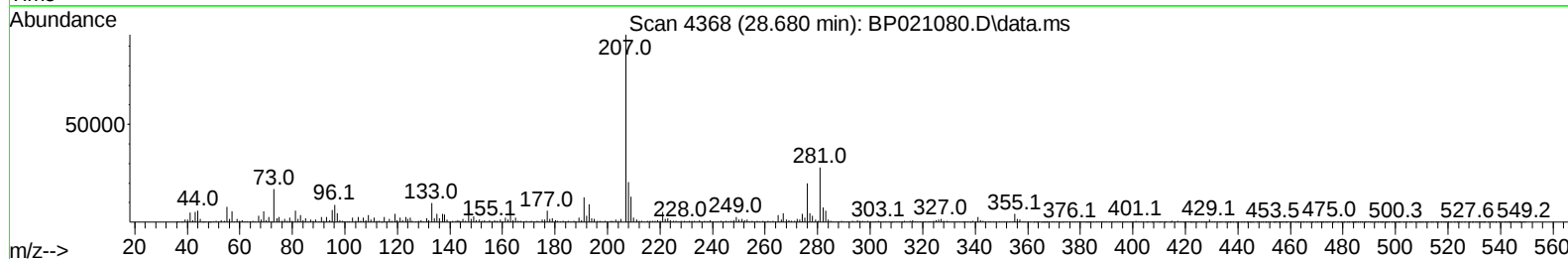
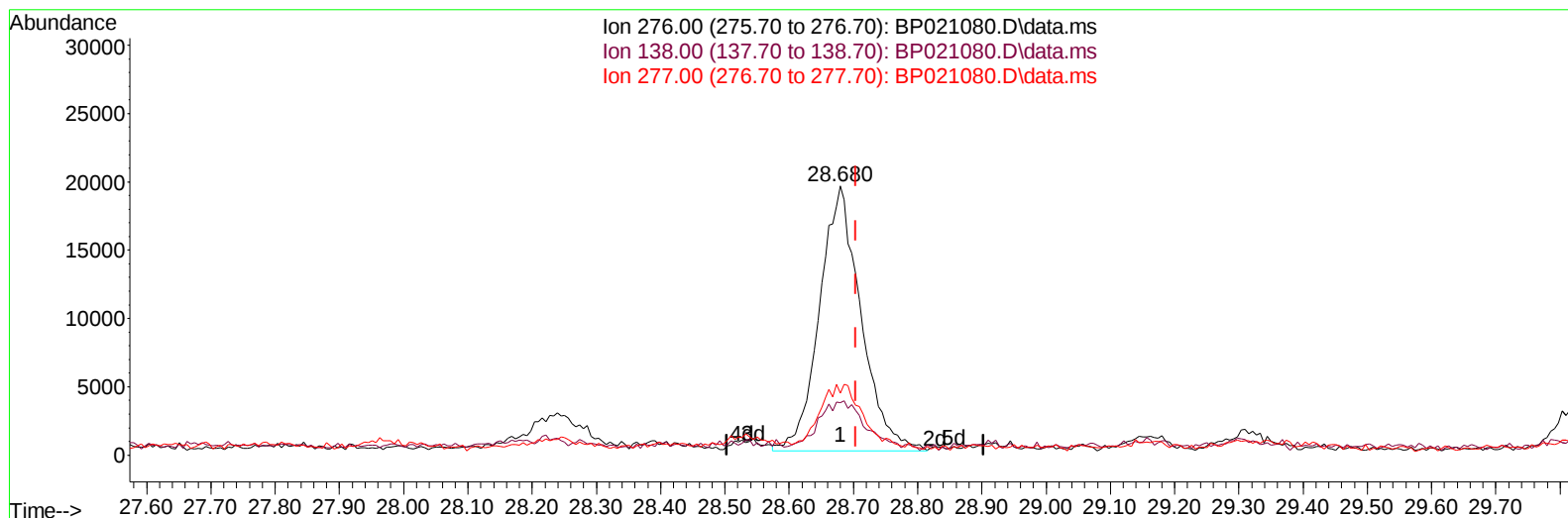
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Data File : BP021080.D
Acq On : 19 Jul 2024 16:23
Operator : MA/JU
Sample : P3238-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BF8

Manual IntegrationsAPPROVED

Quant Time: Jul 20 00:36:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
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TIC: BP021080.D\data.ms

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

28.680min (-0.024) 1.10 ng/u1 m

response 87370

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.90	19.40
277.00	24.00	23.05
0.00	0.00	0.00

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 Operator : MA/JU
 Sample : P3238-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4BF8

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/20/2024
 Supervised By :mohammad ahmed 07/20/2024

Quant Time: Jul 20 02:47:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 18 14:23:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	137968	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.446	136	558296	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.310	164	358310	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.122	188	806744	20.000	ng/ul	0.00
79) Chrysene-d12	21.568	240	873039	20.000	ng/ul	-0.01
88) Perylene-d12	24.898	264	1071057	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	7754m	2.558	ng/uL	0.00
4) Pyridine-d5	3.669	84	11638	1.326	ng/ul	0.01
7) Phenol-d5	6.899	99	156668	13.928	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	85582	12.555	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.234	132	129237	13.945	ng/ul	0.00
15) 4-Methylphenol-d8	8.410	113	107069	11.461	ng/ul	0.00
21) Nitrobenzene-d5	8.834	128	57969	13.368	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.546	143	65870	13.272	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.098	165	122573	13.658	ng/ul	0.00
31) 4-Chloroaniline-d4	10.604	131	136161	11.452	ng/ul	0.00
46) Dimethylphthalate-d6	13.716	166	383883	14.738	ng/ul	0.00
49) Acenaphthylene-d8	13.998	160	447201	15.290	ng/ul	0.00
54) 4-Nitrophenol-d4	14.628	143	53663m	14.480	ng/ul	0.02
60) Fluorene-d10	15.322	176	349483	16.355	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	29925	6.131	ng/ul	0.00
73) Anthracene-d10	17.228	188	552042	15.407	ng/ul	0.00
81) Pyrene-d10	19.604	212	696449	12.903	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.651	264	607510	11.501	ng/ul	-0.04
Target Compounds						
					Qvalue	
72) Phenanthrene	17.169	178	68820	1.644	ng/ul	99
80) Fluoranthene	19.257	202	241763	3.709	ng/ul	98
82) Pyrene	19.639	202	178706	2.694	ng/ul	98
85) Benzo(a)anthracene	21.551	228	106228	1.737	ng/ul	94
87) Chrysene	21.616	228	138717	2.441	ng/ul	97
90) Benzo(b)fluoranthene	23.833	252	214463m	3.300	ng/ul	
91) Benzo(k)fluoranthene	23.892	252	67617	1.042	ng/ul#	88
93) Benzo(a)pyrene	24.721	252	74920	1.220	ng/ul#	88
94) Indeno(1,2,3-cd)pyrene	28.680	276	87370m	1.104	ng/ul	

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

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