

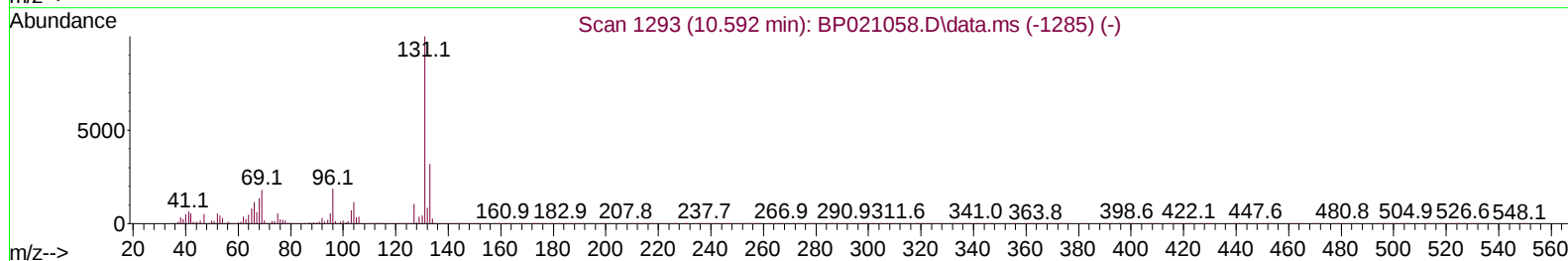
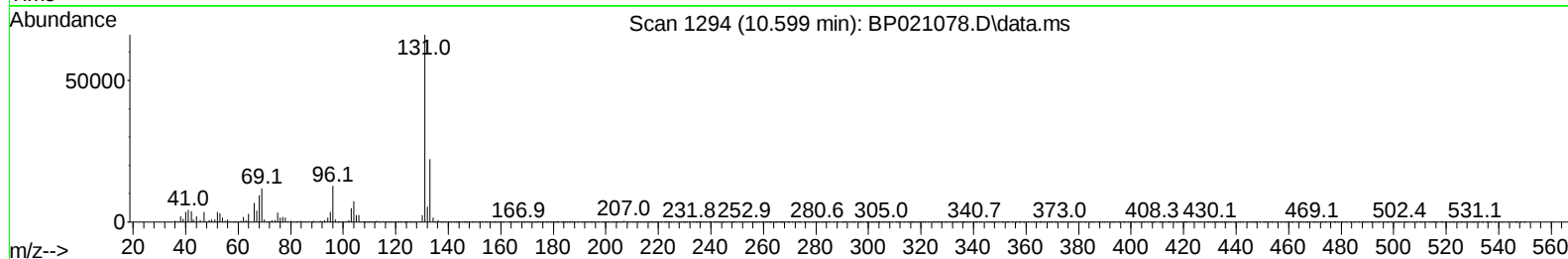
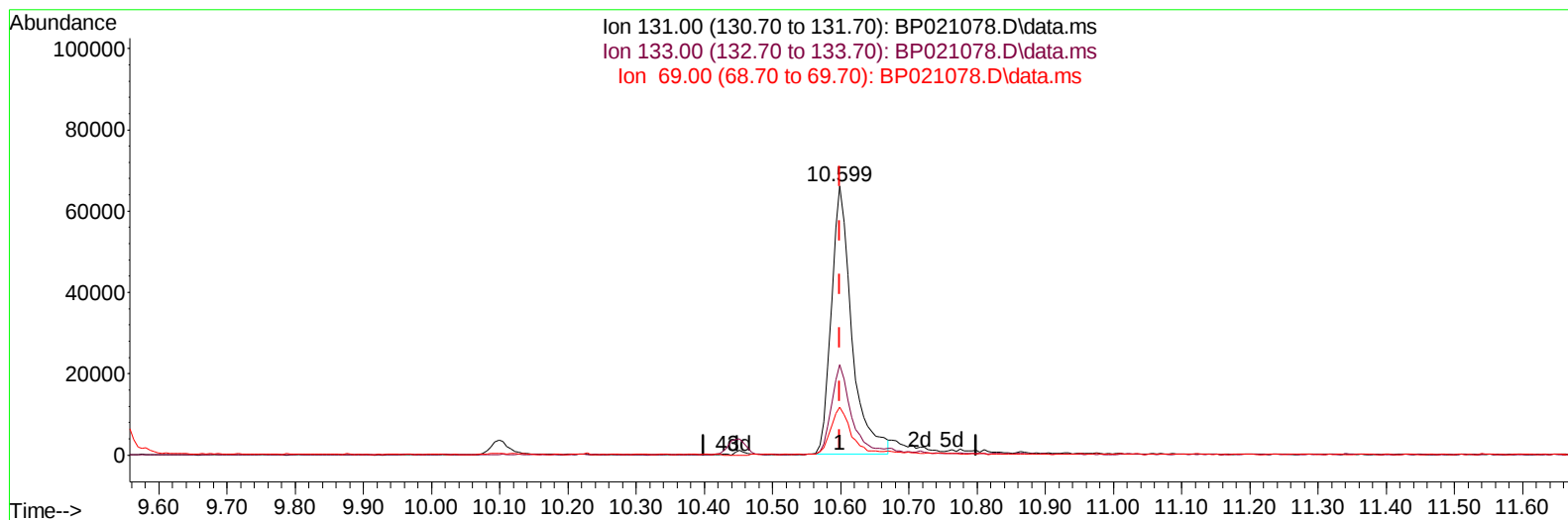
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021078.D
Acq On : 19 Jul 2024 14:59
Operator : MA/JU
Sample : P3238-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BF4

Manual IntegrationsAPPROVED

Quant Time: Jul 20 00:36:04 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: BP021078.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.599min (+ 0.000) 7.49 ng/u1

response 138074

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.50	33.61
69.00	17.40	17.83
0.00	0.00	0.00

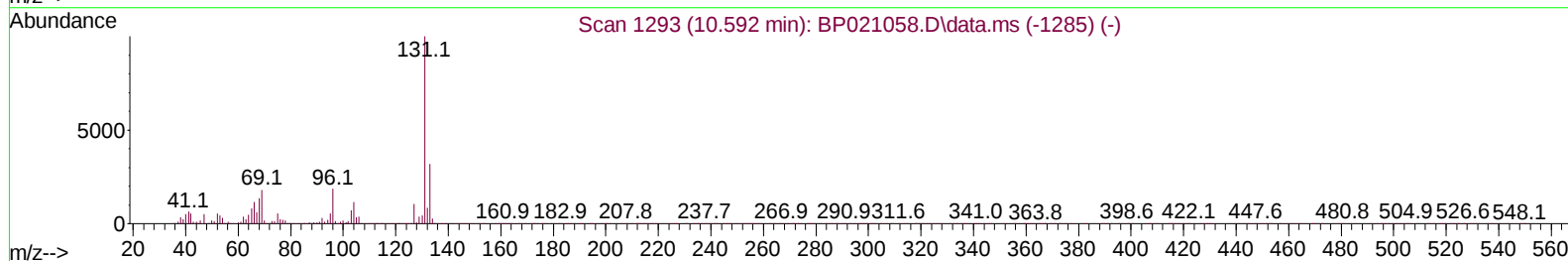
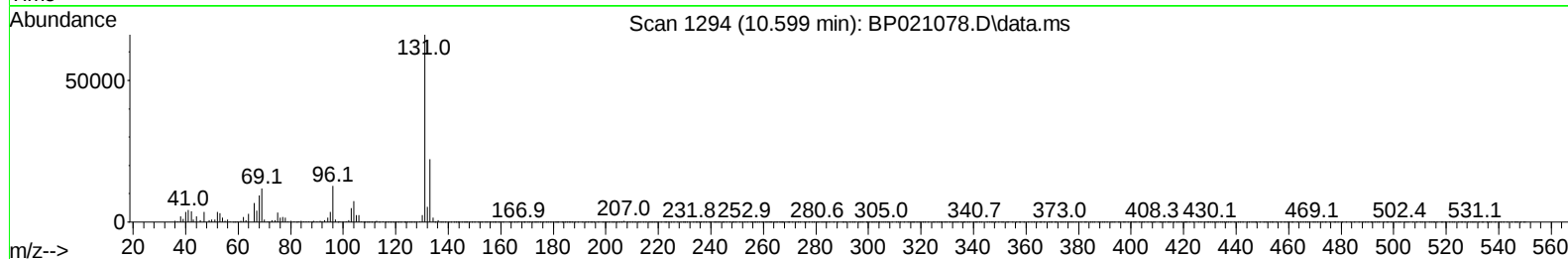
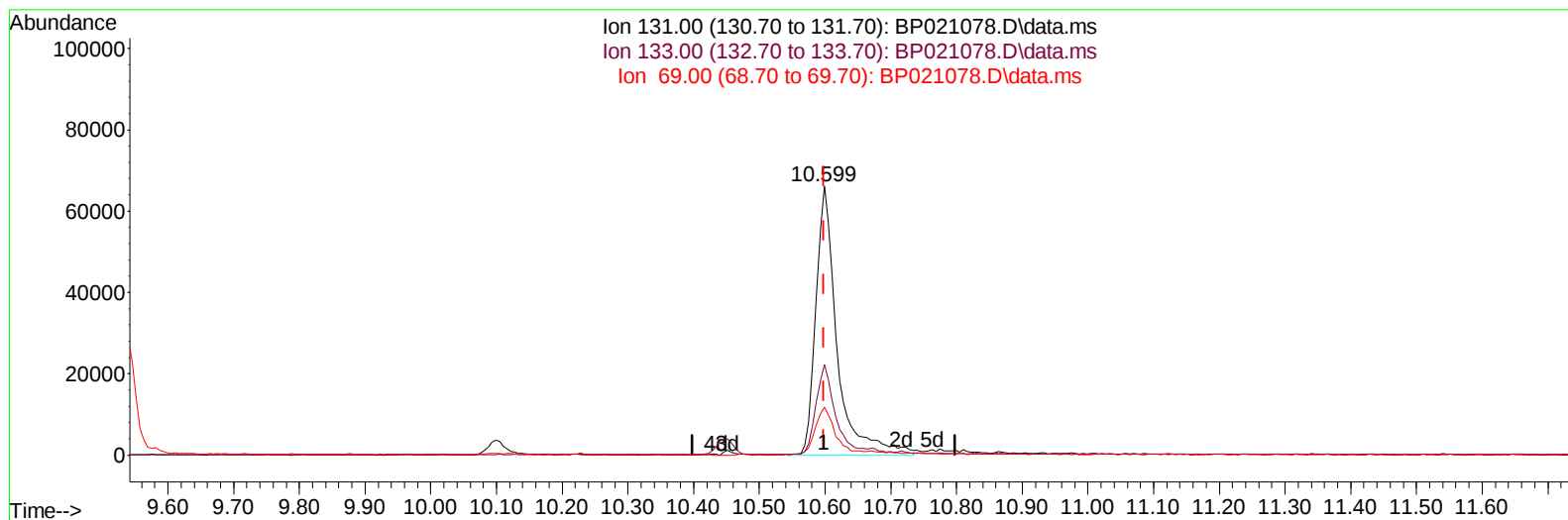
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 Supervised By :mohammad ahmed 07/20/2024



TIC: BP021078.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.599min (+ 0.000) 8.05 ng/ul m

response 148326

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.50	33.61
69.00	17.40	17.83
0.00	0.00	0.00

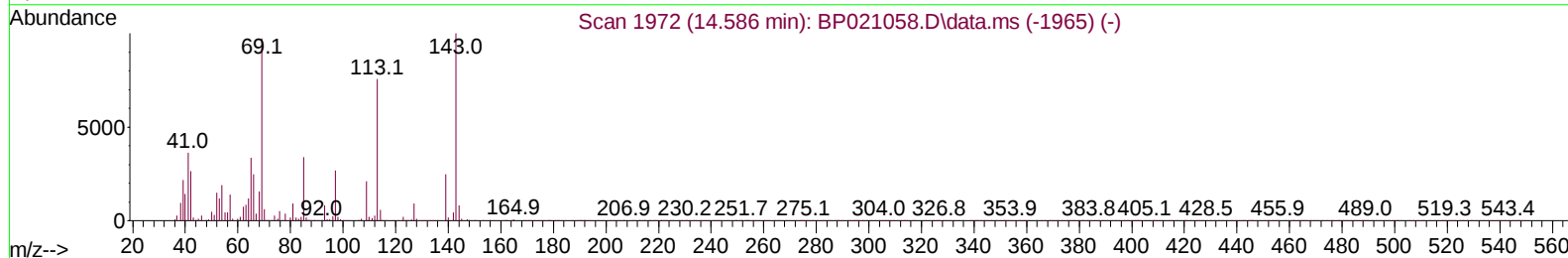
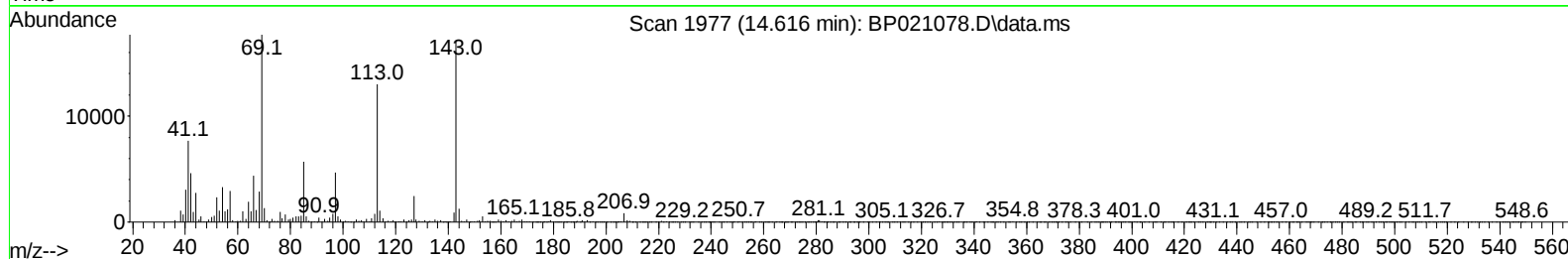
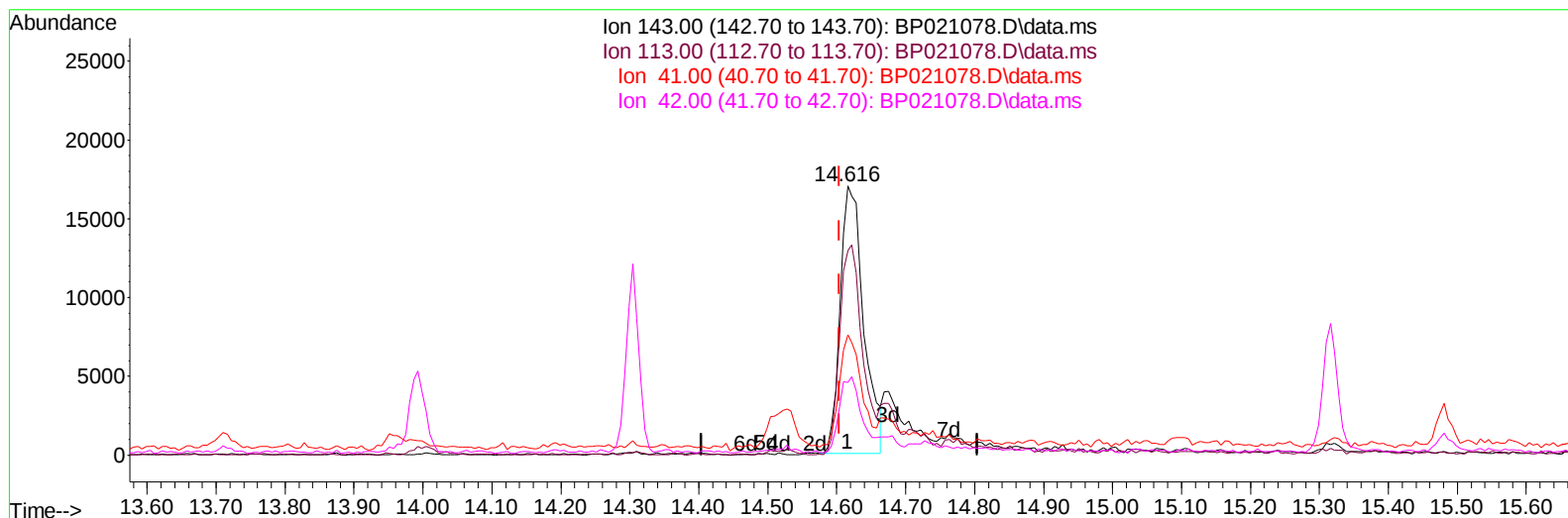
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Instrument :
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TIC: BP021078.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.616min (+ 0.012) 6.96 ng/u1

response 40192

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	74.70	76.16
41.00	37.90	44.78
42.00	27.10	26.95

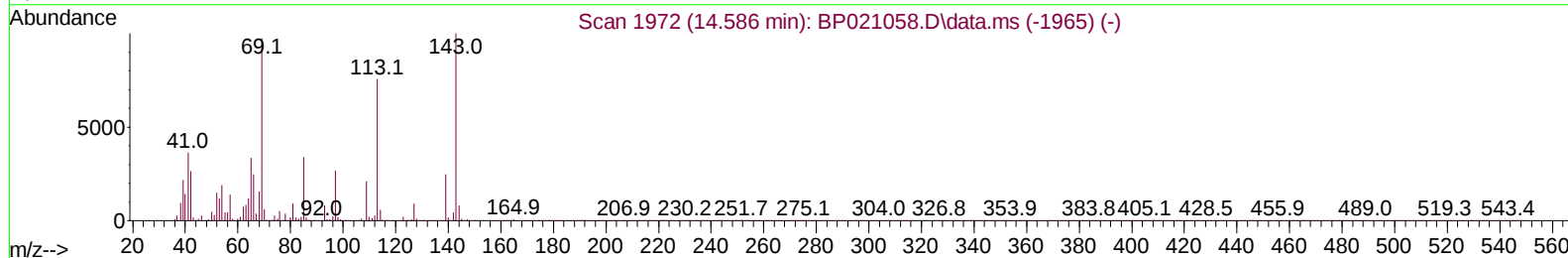
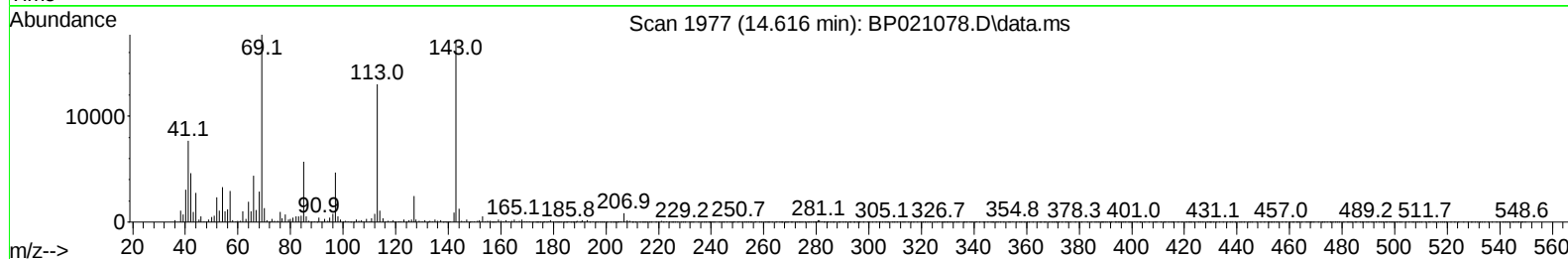
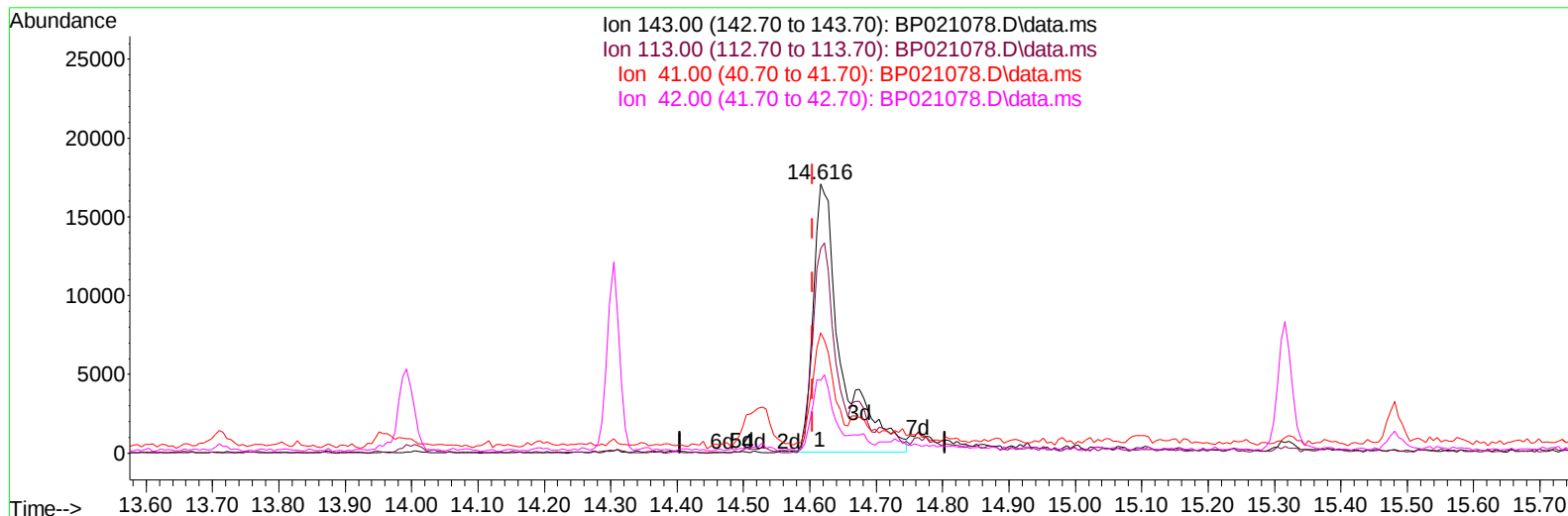
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Acq On : 19 Jul 2024 14:59
Operator : MA/JU
Sample : P3238-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BF4

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 07/20/2024



TIC: BP021078.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.616min (+ 0.012) 8.71 ng/ul m

response 50300

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	74.70	76.16
41.00	37.90	44.78
42.00	27.10	26.95

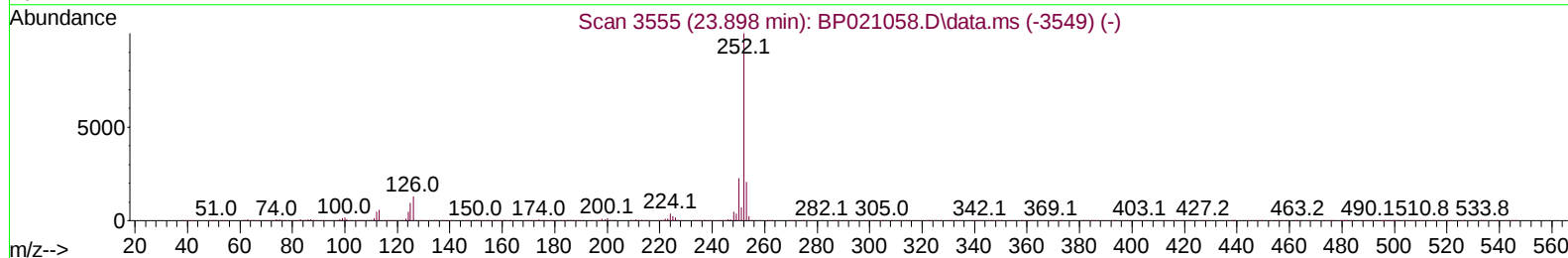
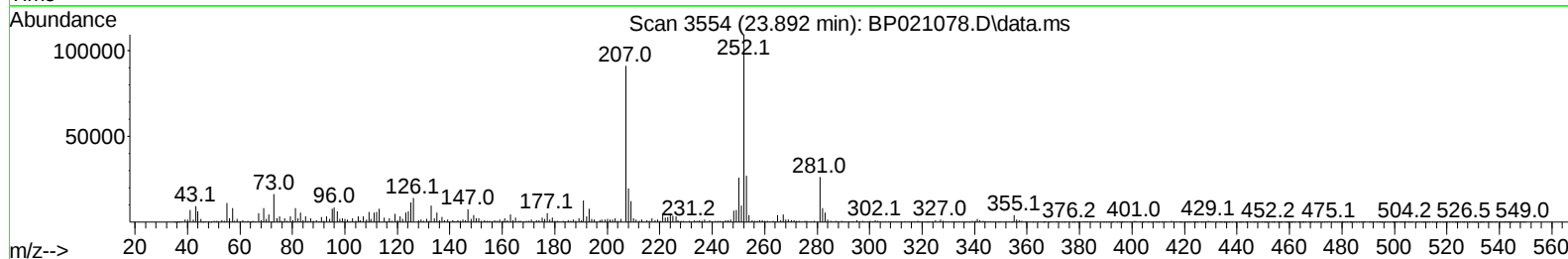
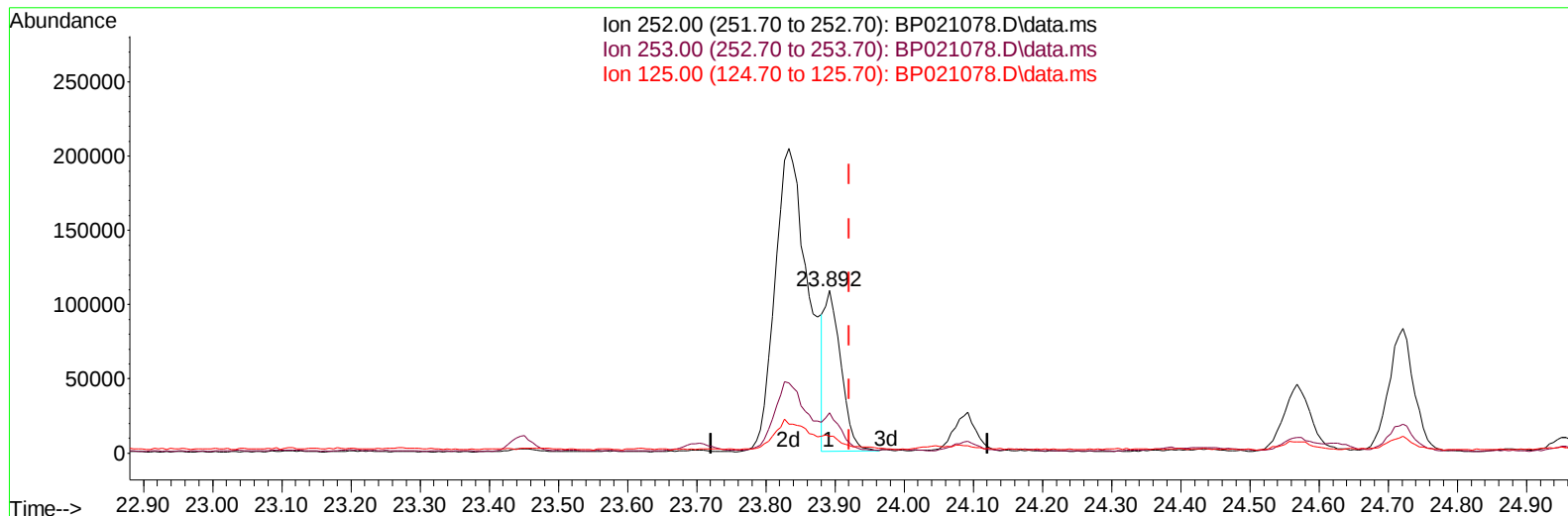
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021078.D
Acq On : 19 Jul 2024 14:59
Operator : MA/JU
Sample : P3238-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BF4

Manual IntegrationsAPPROVED

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TIC: BP021078.D\data.ms

(91) Benzo(k)fluoranthene

23.892min (-0.029) 2.06 ng/u1

response 178353

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	24.82
125.00	9.20	10.36
0.00	0.00	0.00

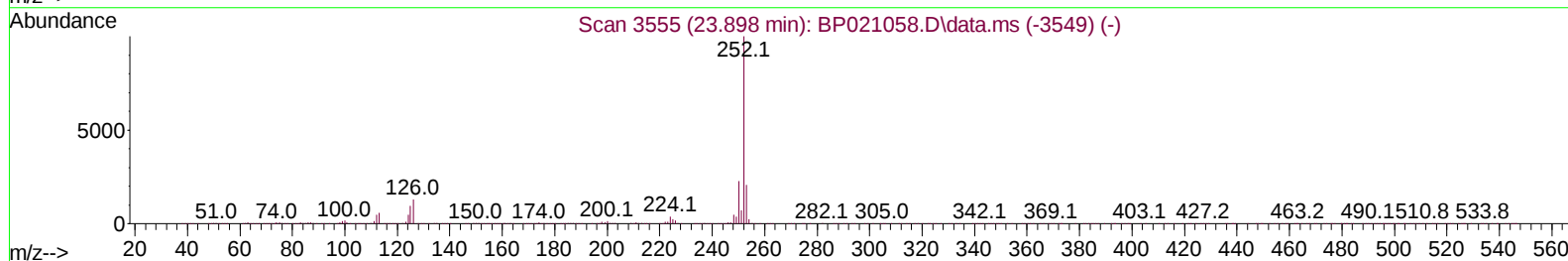
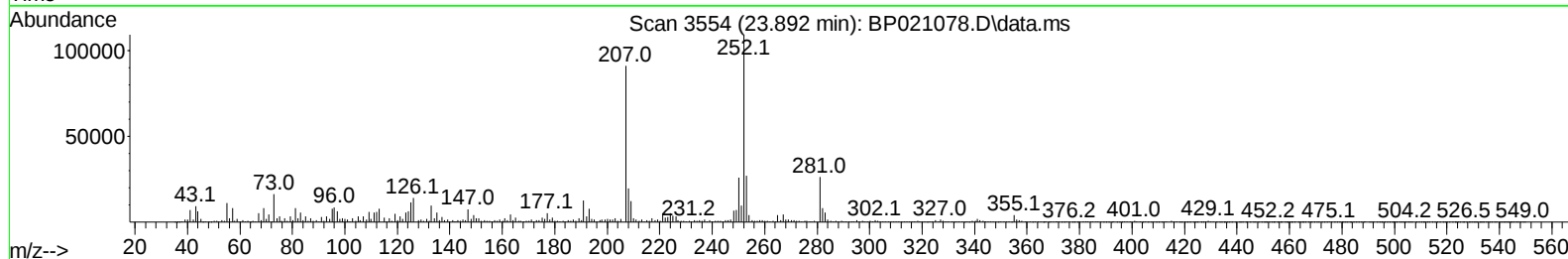
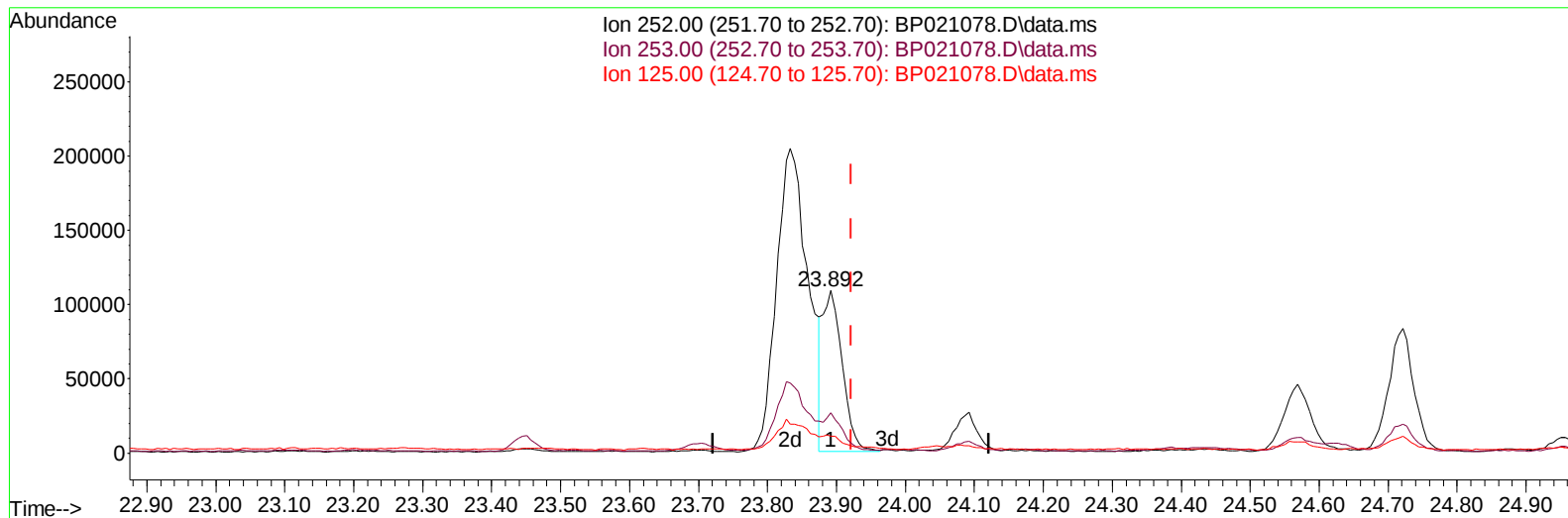
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021078.D
Acq On : 19 Jul 2024 14:59
Operator : MA/JU
Sample : P3238-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BF4

Manual IntegrationsAPPROVED

Quant Time: Jul 20 00:36:04 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
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Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



TIC: BP021078.D\data.ms

(91) Benzo(k)fluoranthene

23.892min (-0.029) 2.44 ng/u1 m

response 211891

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	24.82
125.00	9.20	10.36
0.00	0.00	0.00

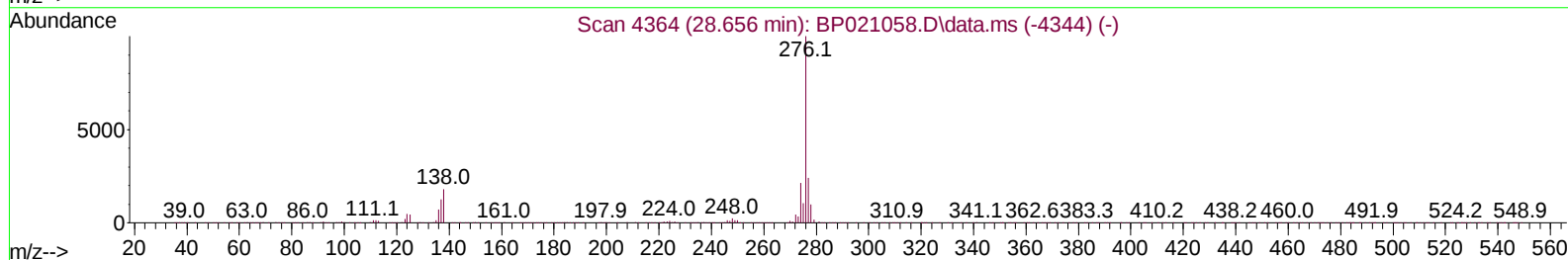
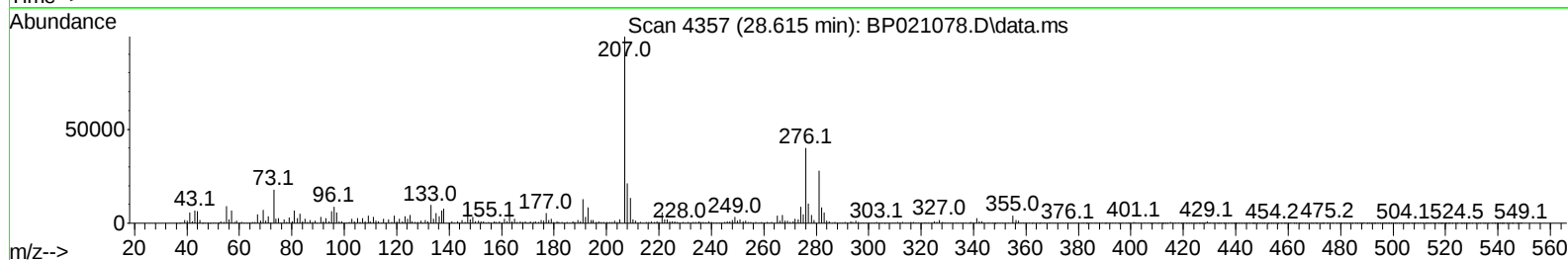
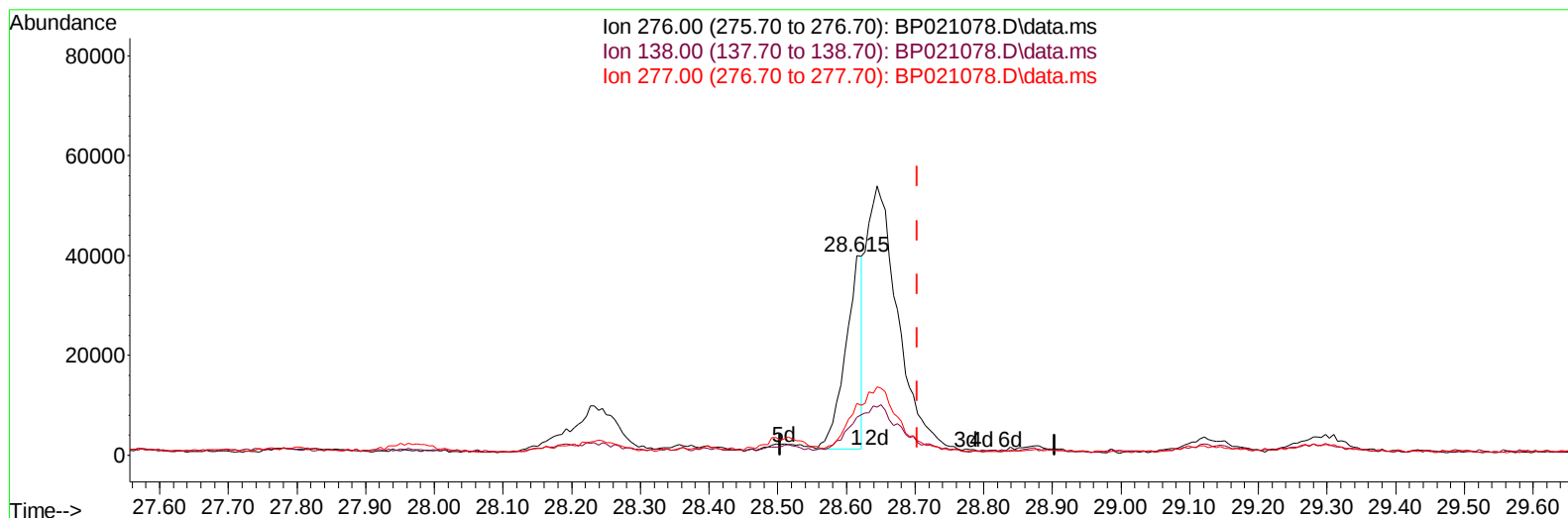
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Operator : MA/JU
Sample : P3238-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BF4

Manual IntegrationsAPPROVED

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TIC: BP021078.D\data.ms

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

28.615min (-0.088) 0.62 ng/u1

response 65479

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.90	19.11
277.00	24.00	26.00
0.00	0.00	0.00

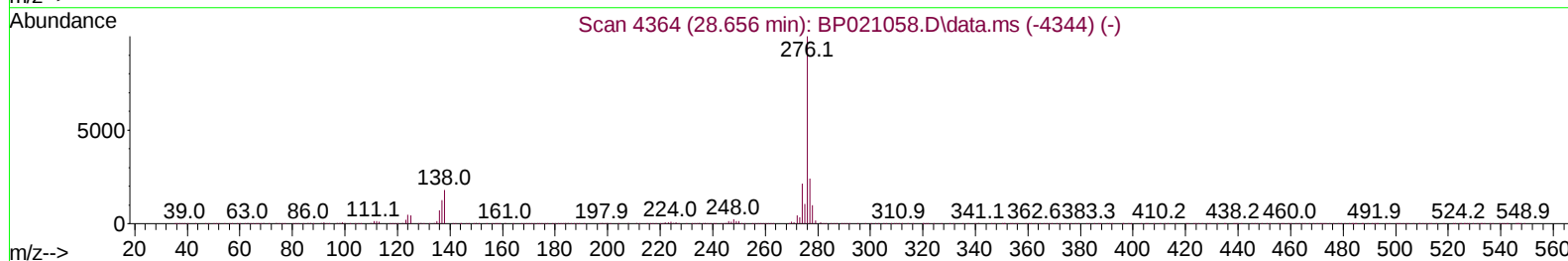
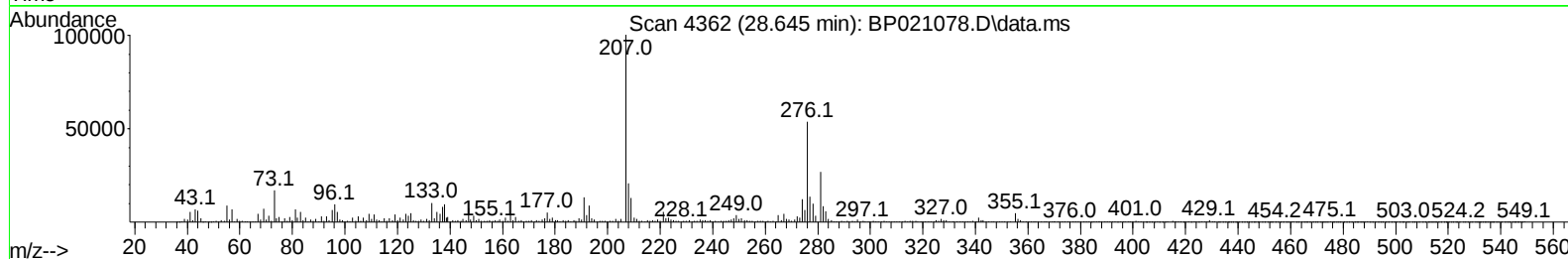
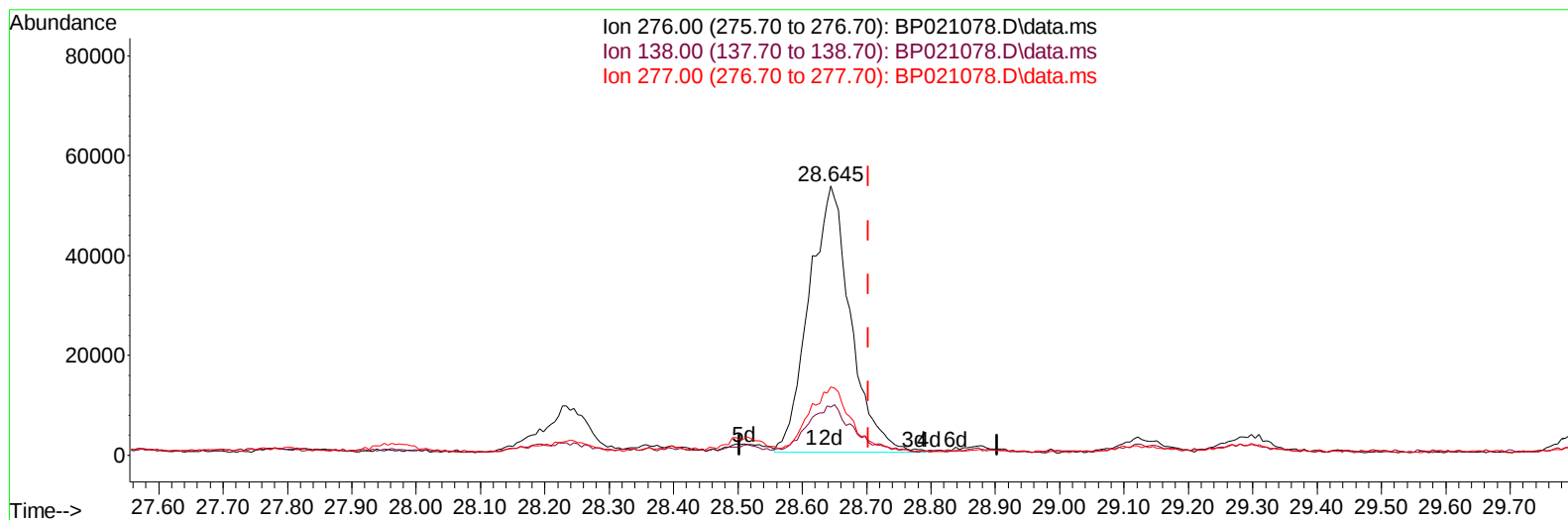
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
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Acq On : 19 Jul 2024 14:59
Operator : MA/JU
Sample : P3238-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BF4

Manual IntegrationsAPPROVED

Quant Time: Jul 20 00:36:04 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
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Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



TIC: BP021078.D\data.ms

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

28.645min (-0.059) 2.27 ng/ul m

response 240508

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.90	17.84
277.00	24.00	25.32
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
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 Acq On : 19 Jul 2024 14:59
 Operator : MA/JU
 Sample : P3238-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4BF4

Manual IntegrationsAPPROVED

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

Quant Time: Jul 20 02:04:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.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	7.675	152	215741	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.446	136	865274	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.304	164	558146	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.116	188	1216043	20.000	ng/ul	-0.01
79) Chrysene-d12	21.563	240	1175109	20.000	ng/ul	-0.02
88) Perylene-d12	24.880	264	1431916	20.000	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.223	96	12291	2.593	ng/uL	-0.01
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.887	99	234158	13.313	ng/ul	-0.02
9) Bis-(2-Chloroethyl)eth...	7.028	67	148687	13.949	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.228	132	203719	14.058	ng/ul	-0.01
15) 4-Methylphenol-d8	8.399	113	156775	10.732	ng/ul	-0.02
21) Nitrobenzene-d5	8.834	128	100982	15.026	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.540	143	109529	14.239	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	189961	13.657	ng/ul	0.00
31) 4-Chloroaniline-d4	10.599	131	148326m	8.050	ng/ul	0.00
46) Dimethylphthalate-d6	13.710	166	569051	14.025	ng/ul	0.00
49) Acenaphthylene-d8	13.993	160	680351	14.933	ng/ul	0.00
54) 4-Nitrophenol-d4	14.616	143	50300m	8.713	ng/ul	0.01
60) Fluorene-d10	15.316	176	520899	15.649	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	44008	5.981	ng/ul	0.00
73) Anthracene-d10	17.216	188	823966	15.256	ng/ul	-0.01
81) Pyrene-d10	19.610	212	911752	12.550	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.651	264	732048	10.366	ng/ul	-0.04
Target Compounds				Qvalue		
72) Phenanthrene	17.157	178	245745	3.896	ng/ul	99
80) Fluoranthene	19.257	202	797230	9.087	ng/ul	99
82) Pyrene	19.639	202	540835	6.058	ng/ul	99
85) Benzo(a)anthracene	21.545	228	336554	4.089	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.457	149	57983	1.083	ng/ul#	99
87) Chrysene	21.604	228	442374	5.783	ng/ul	98
90) Benzo(b)fluoranthene	23.833	252	648371	7.461	ng/ul	97
91) Benzo(k)fluoranthene	23.892	252	211891m	2.443	ng/ul	
93) Benzo(a)pyrene	24.721	252	211353	2.574	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	28.645	276	240508m	2.273	ng/ul	

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

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