

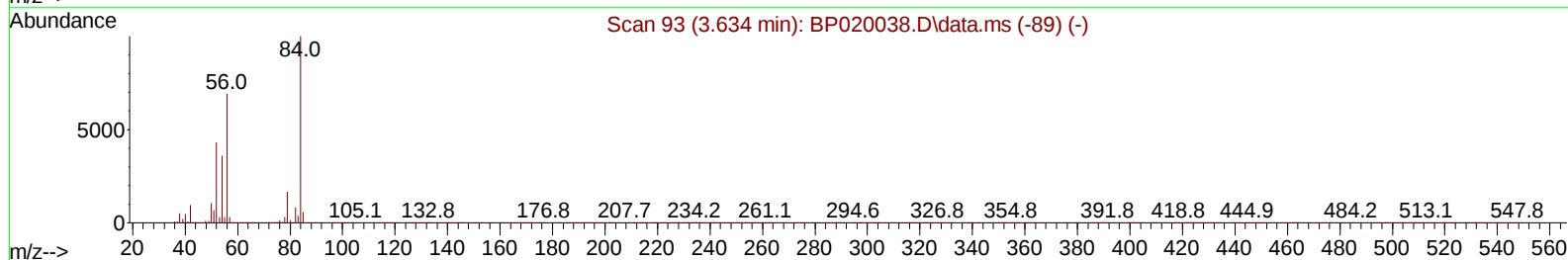
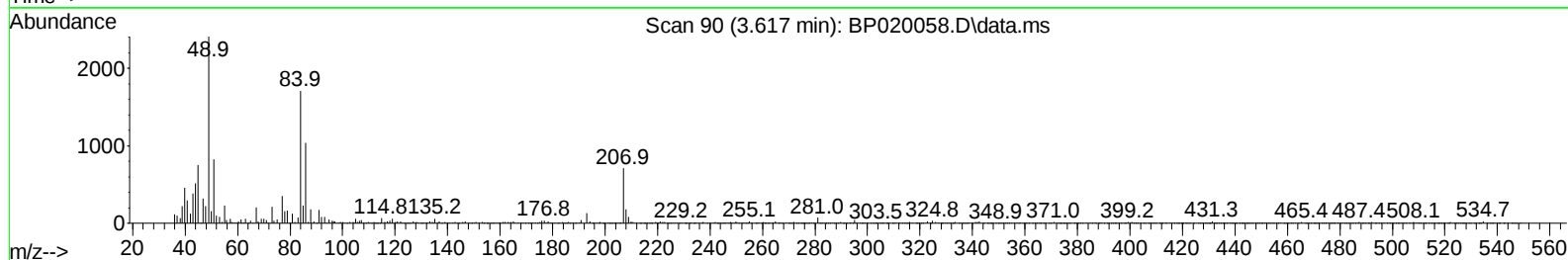
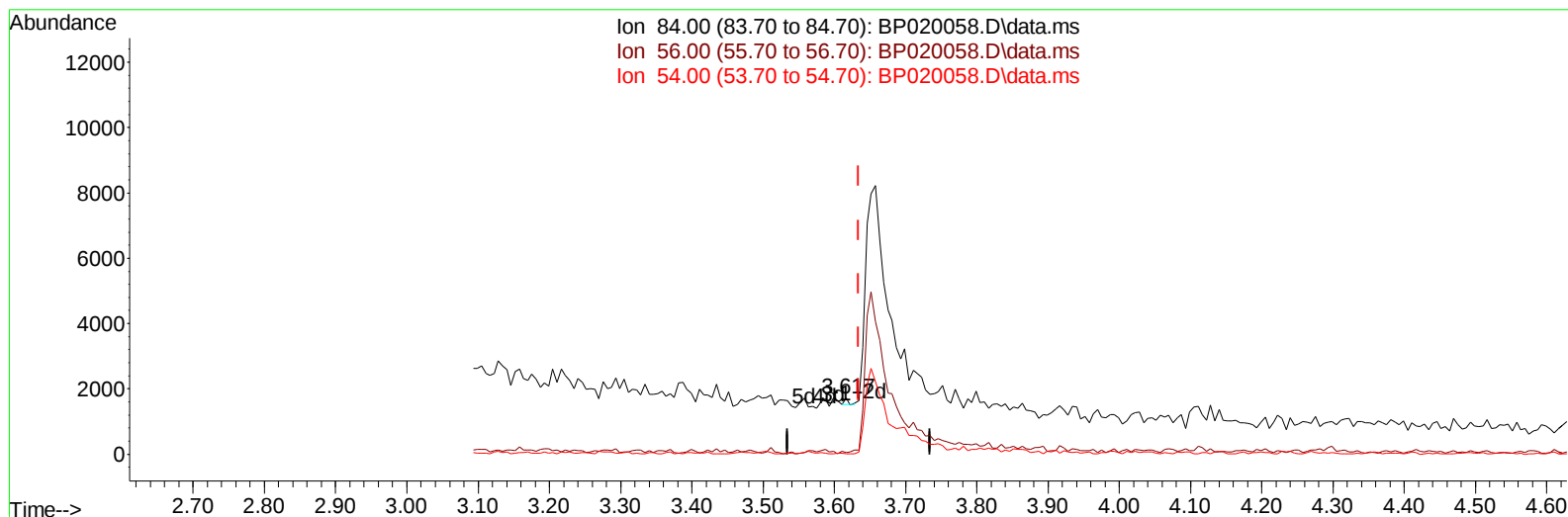
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042024\
 Data File : BP020058.D
 Acq On : 21 Apr 2024 02:02
 Operator : MA/JU
 Sample : P2104-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AA0

Manual IntegrationsAPPROVED

Quant Time: Apr 22 00:29:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Apr 20 01:32:50 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :mohammad ahmed 04/30/2024



TIC: BP020058.D\data.ms

(4) Pyridine-d5 (S)

3.617min (-0.018) 0.01 ng/u1

response 79

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	65.20	2.51#
54.00	33.80	1.05#
0.00	0.00	0.00

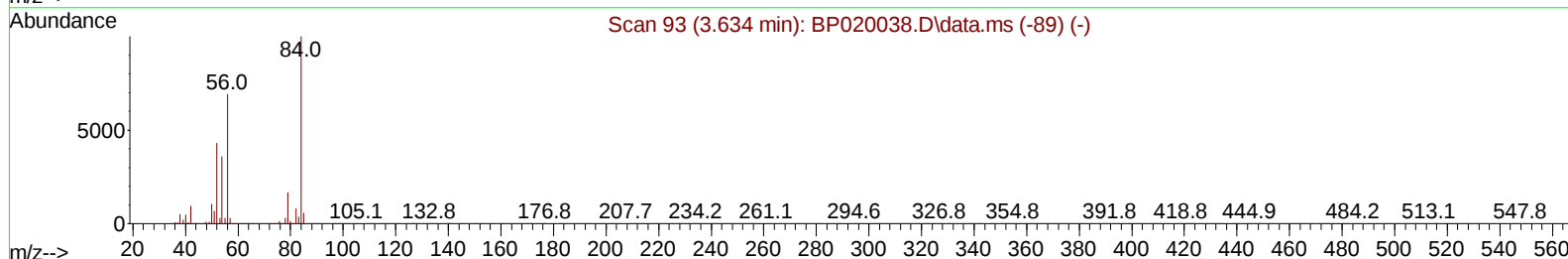
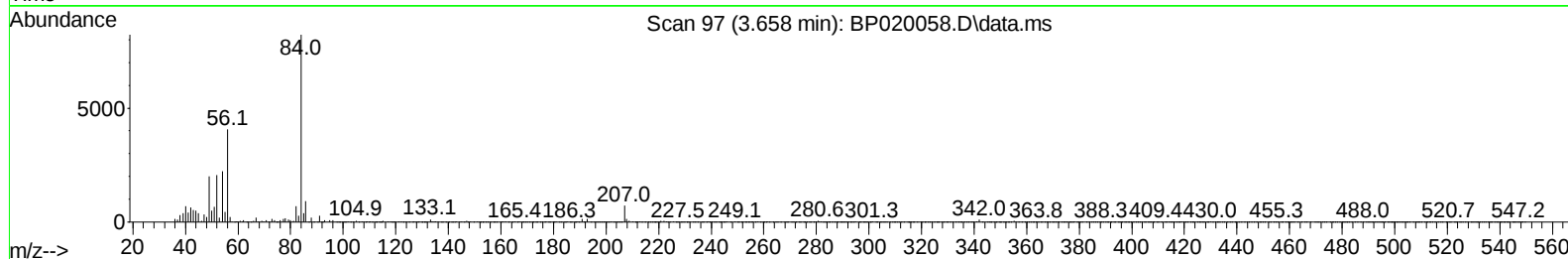
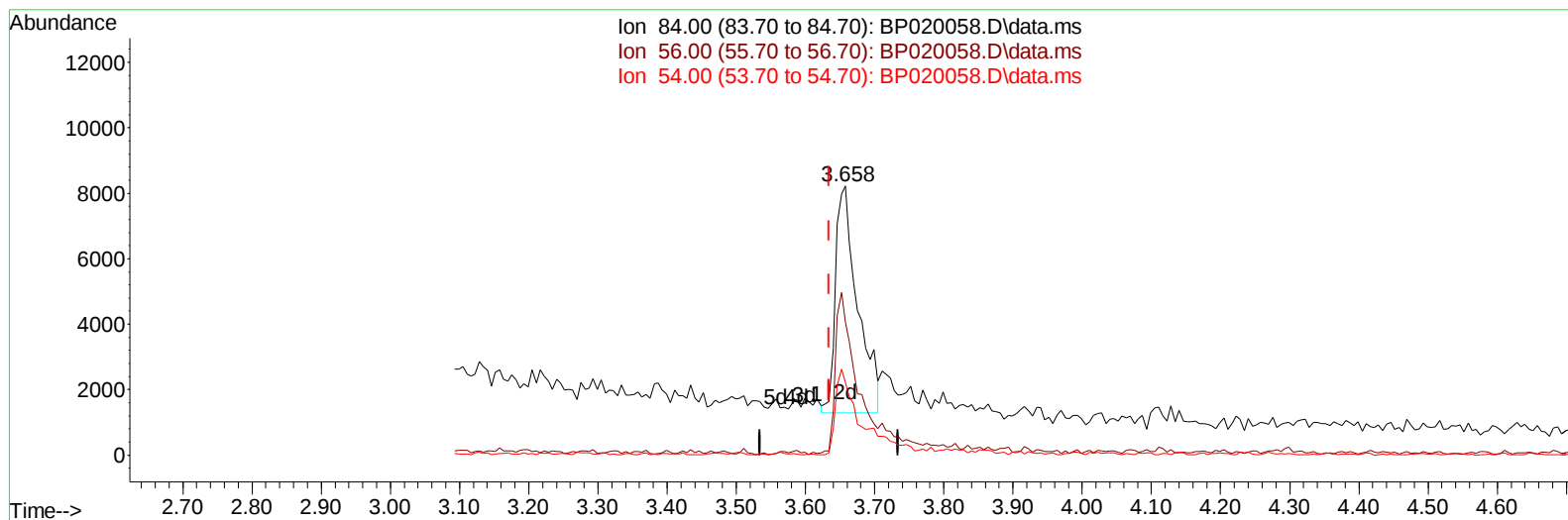
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042024\
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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AA0

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/30/2024



TIC: BP020058.D\data.ms

(4) Pyridine-d5 (S)

3.658min (+ 0.023) 2.75 ng/u1 m

response 15419

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	65.20	49.39#
54.00	33.80	27.12
0.00	0.00	0.00

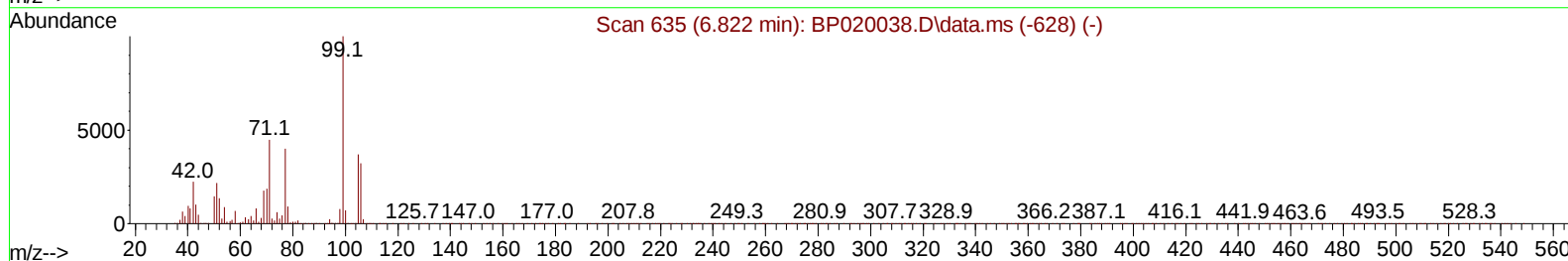
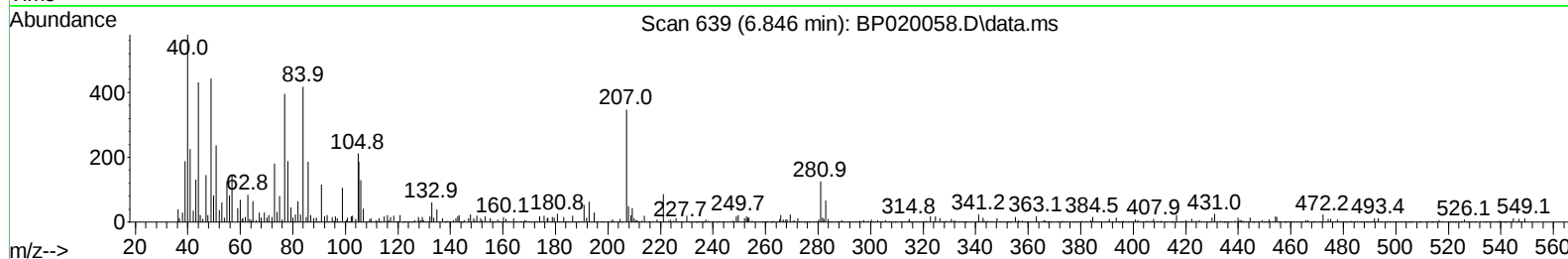
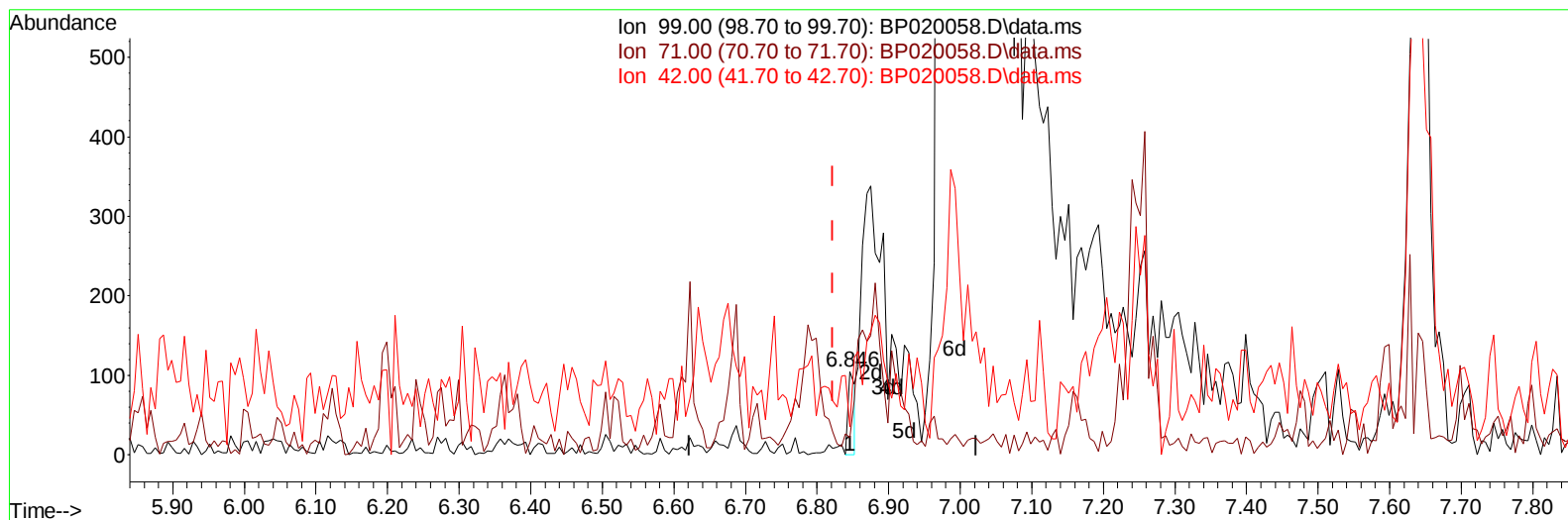
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042024\
Data File : BP020058.D
Acq On : 21 Apr 2024 02:02
Operator : MA/JU
Sample : P2104-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AA0

Manual IntegrationsAPPROVED

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TIC: BP020058.D\data.ms

(7) Phenol-d5 (S)

6.846min (+ 0.024) 0.01 ng/u1

response 68

Ion	Exp%	Act%
99.00	100.00	100.00
71.00	45.80	20.95#
42.00	22.40	33.33#
0.00	0.00	0.00

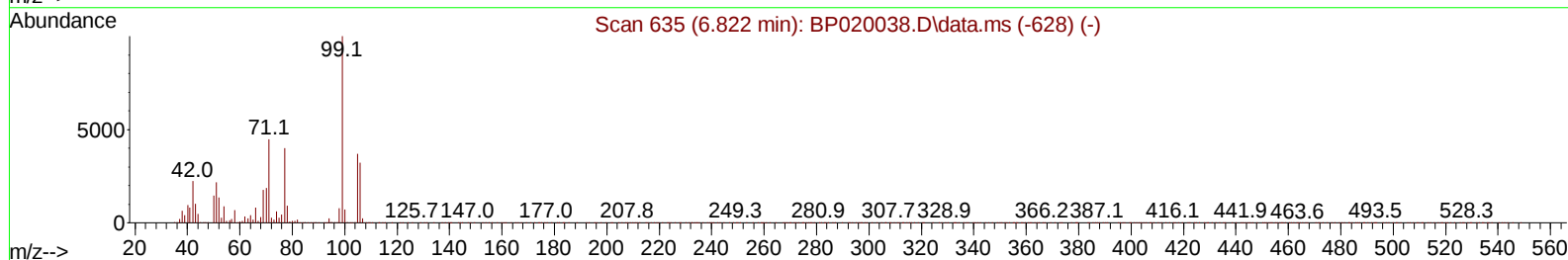
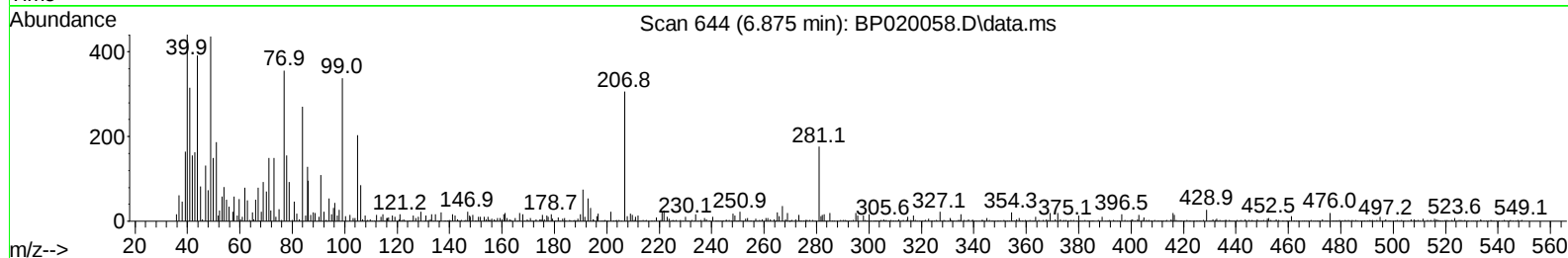
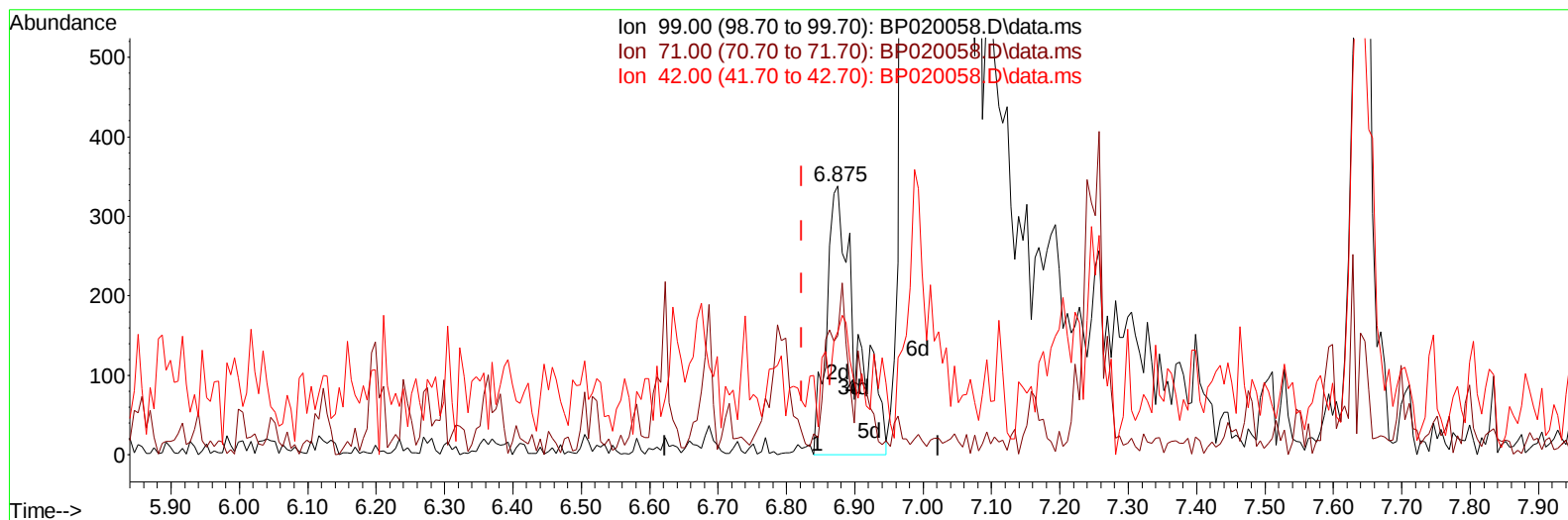
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042024\
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Sample : P2104-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
C0AA0

Manual IntegrationsAPPROVED

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TIC: BP020058.D\data.ms

(7) Phenol-d5 (S)

6.875min (+ 0.053) 0.15 ng/ul m

response 1011

Ion	Exp%	Act%
99.00	100.00	100.00
71.00	45.80	44.38
42.00	22.40	45.86#
0.00	0.00	0.00

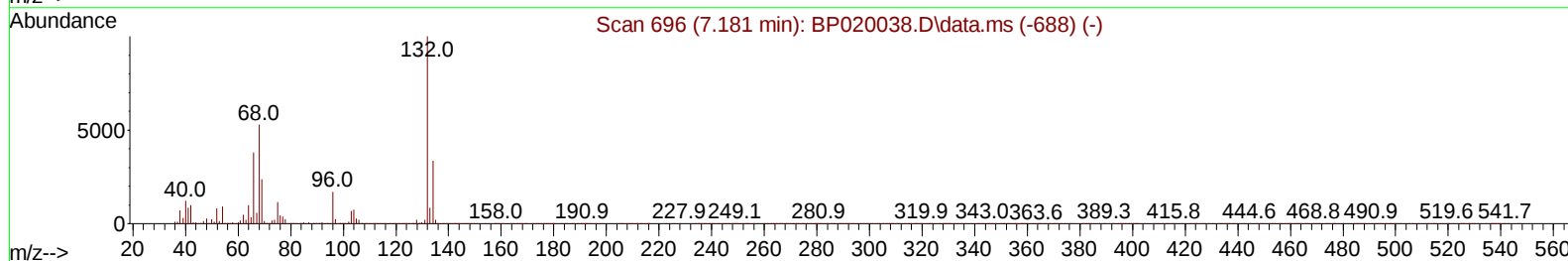
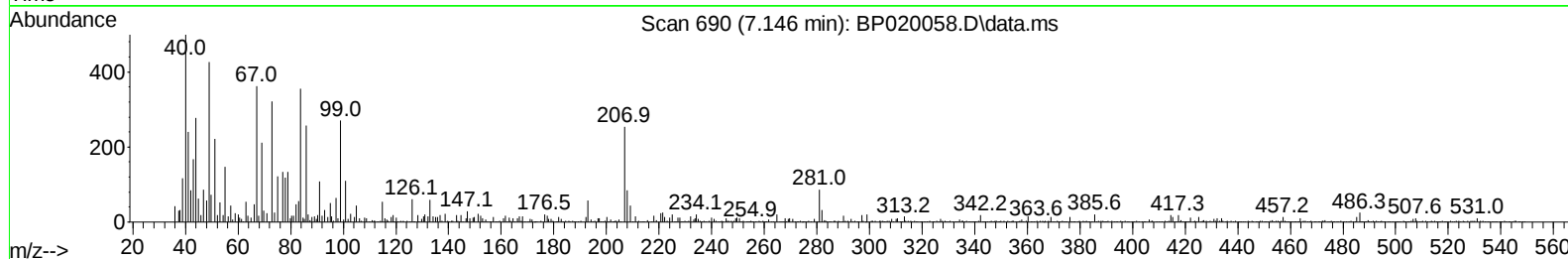
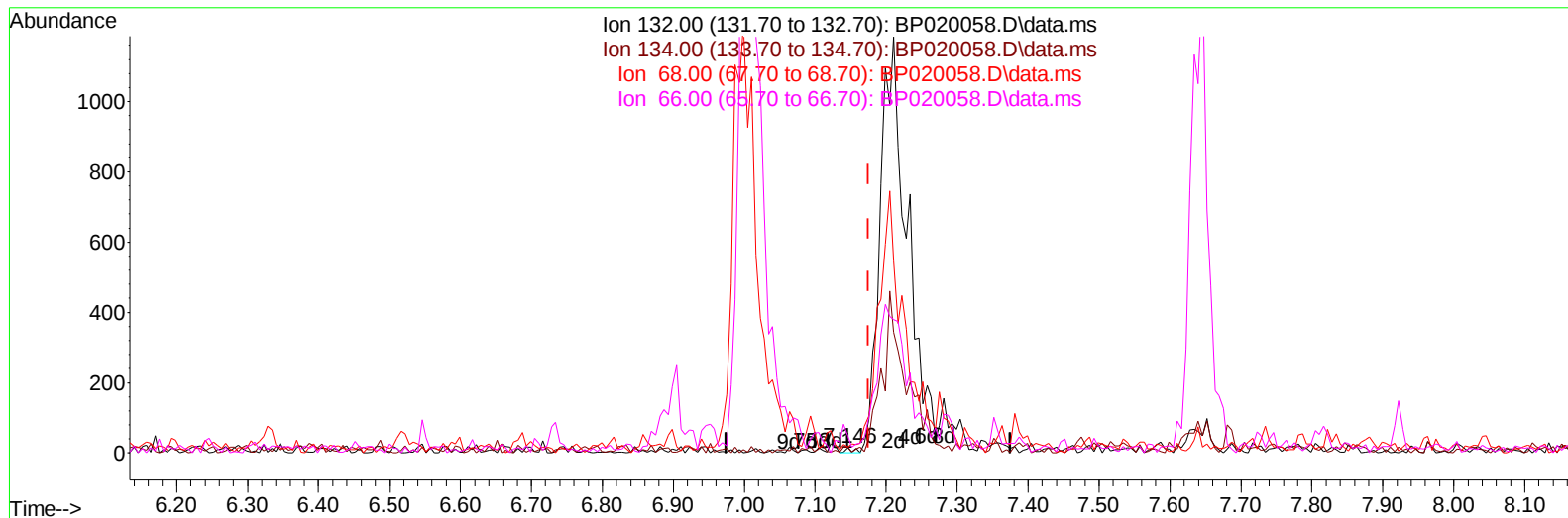
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 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AA0

Manual IntegrationsAPPROVED

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TIC: BP020058.D\data.ms

(11) 2-Chlorophenol-d4 (S)

7.146min (-0.029) 0.00 ng/u1

response 10

Ion	Exp%	Act%
132.00	100.00	100.00
134.00	33.90	106.67#
68.00	55.50	113.33#
66.00	40.30	320.00#

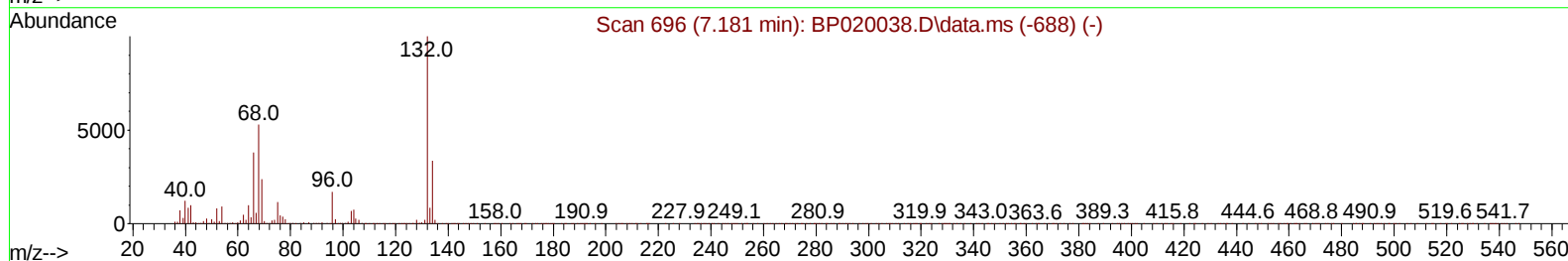
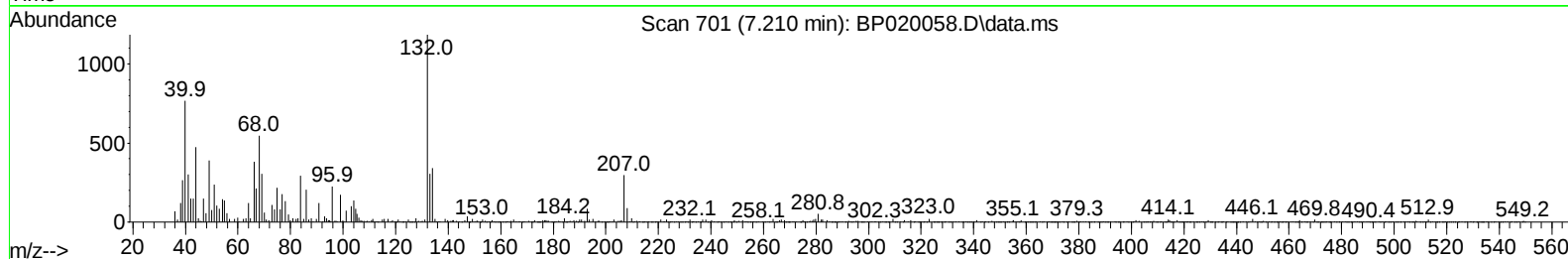
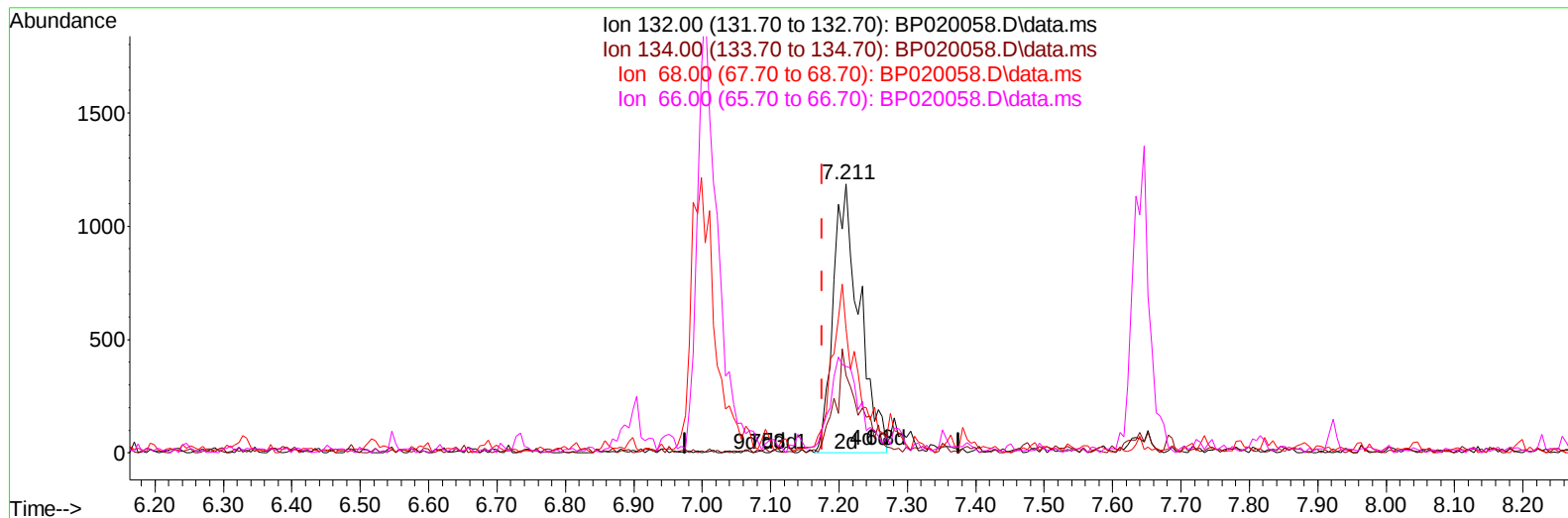
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042024\
Data File : BP020058.D
Acq On : 21 Apr 2024 02:02
Operator : MA/JU
Sample : P2104-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AA0

Manual IntegrationsAPPROVED

Quant Time: Apr 22 00:44:00 2024
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TIC: BP020058.D\data.ms

(11) 2-Chlorophenol-d4 (S)

7.210min (+ 0.035) 0.68 ng/ul m

response 3139

Ion	Exp%	Act%
132.00	100.00	100.00
134.00	33.90	28.95
68.00	55.50	46.24
66.00	40.30	32.07#

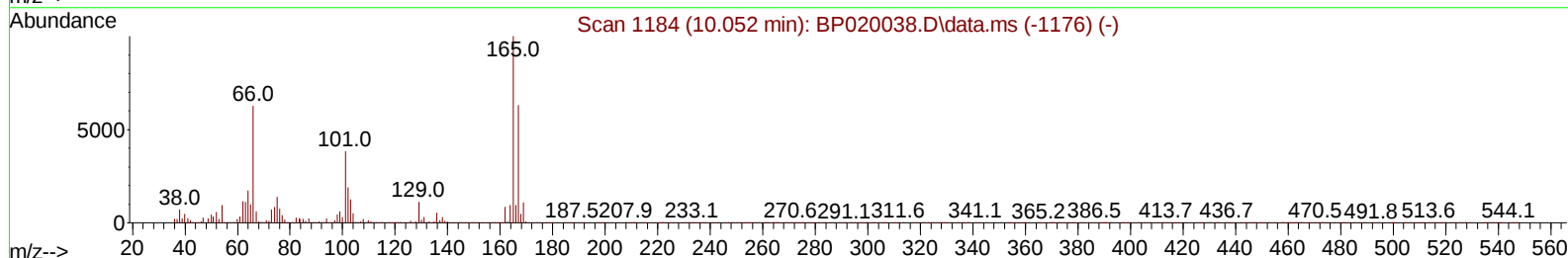
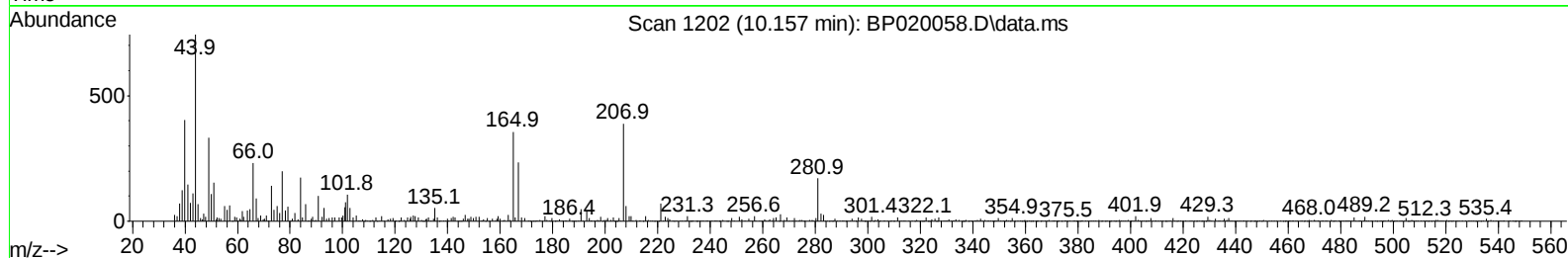
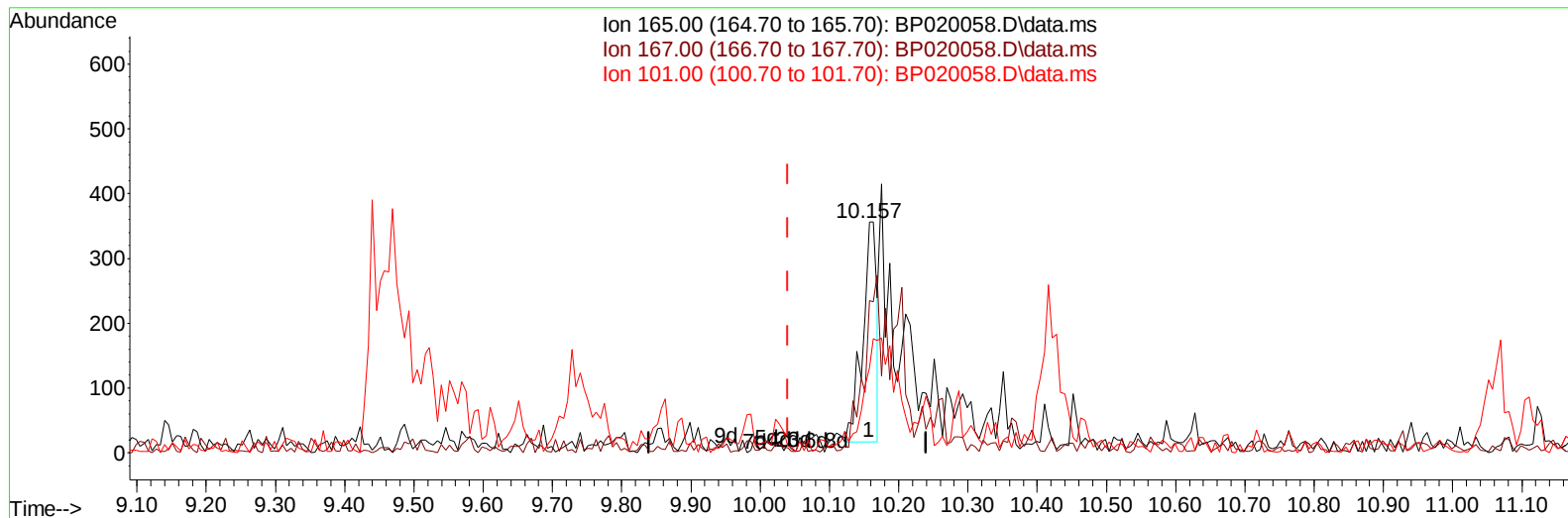
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042024\
Data File : BP020058.D
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Operator : MA/JU
Sample : P2104-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AA0

Manual IntegrationsAPPROVED

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TIC: BP020058.D\data.ms

(28) 2,4-Dichlorophenol-d3 (S)

10.157min (+ 0.118) 0.10 ng/u1

response 491

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	64.30	66.01
101.00	40.90	36.80
0.00	0.00	0.00

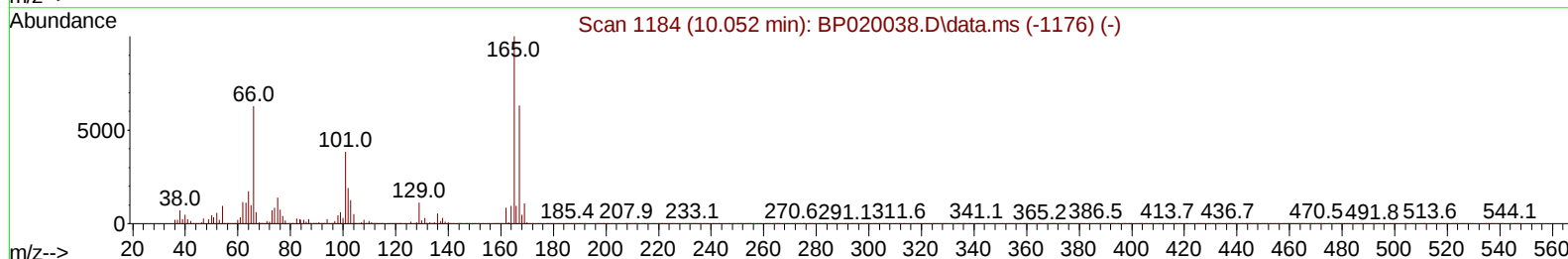
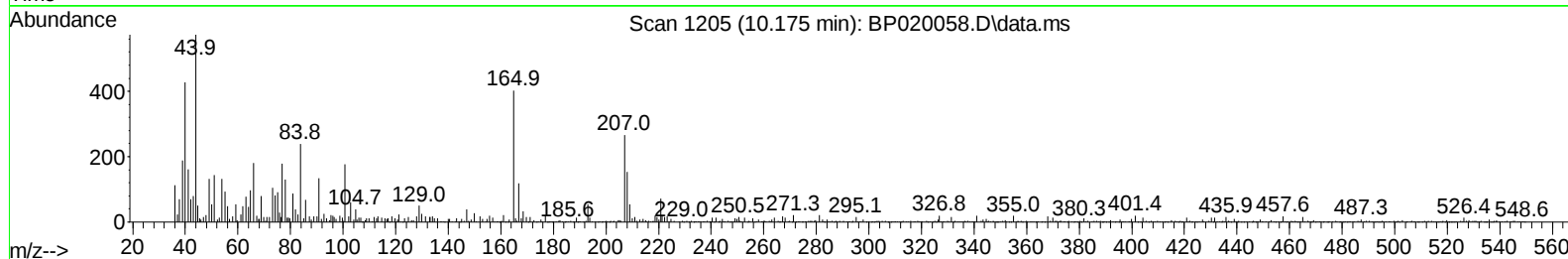
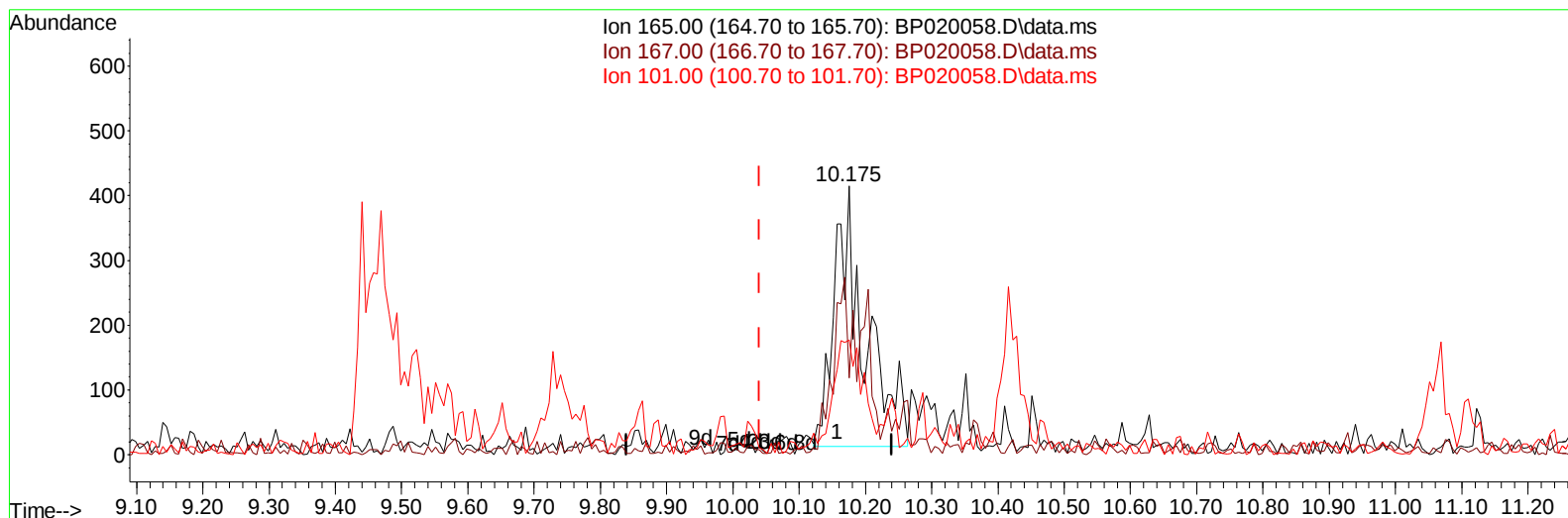
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042024\
 Data File : BP020058.D
 Acq On : 21 Apr 2024 02:02
 Operator : MA/JU
 Sample : P2104-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AA0

Manual IntegrationsAPPROVED

Quant Time: Apr 22 00:44:39 2024
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 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Apr 20 01:32:50 2024
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Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :mohammad ahmed 04/30/2024



TIC: BP020058.D\data.ms

(28) 2,4-Dichlorophenol-d3 (S)

10.175min (+ 0.135) 0.27 ng/ul m

response 1279

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	64.30	29.53#
101.00	40.90	43.92
0.00	0.00	0.00

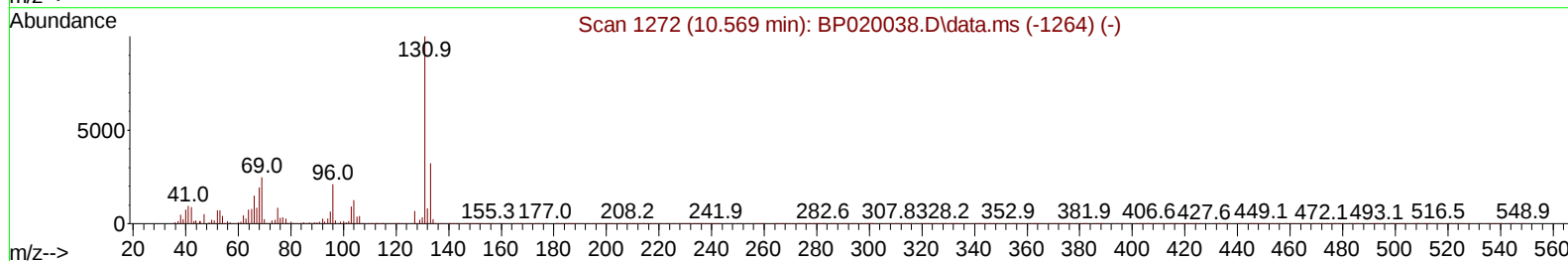
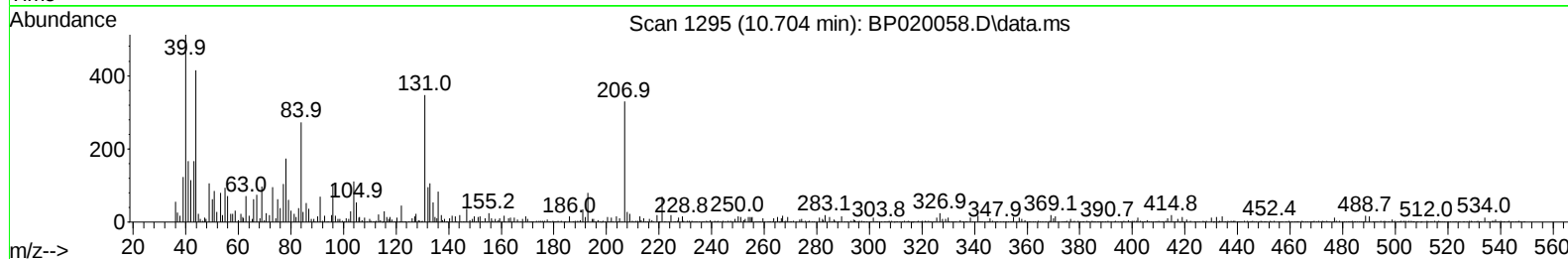
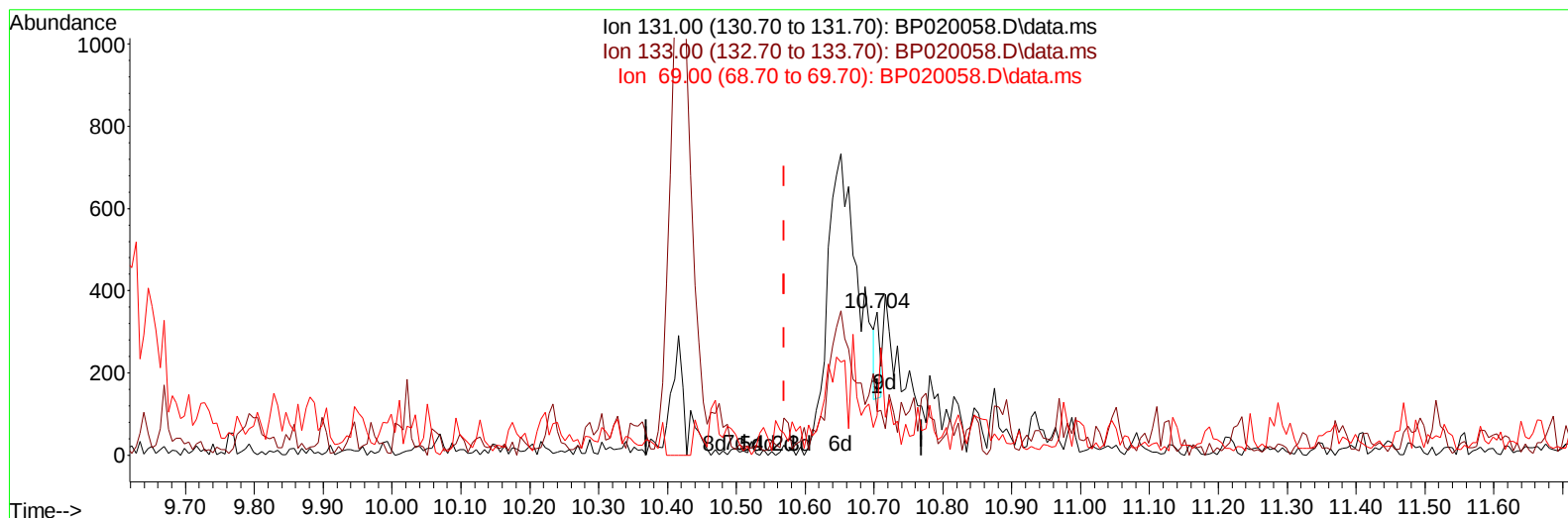
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042024\
Data File : BP020058.D
Acq On : 21 Apr 2024 02:02
Operator : MA/JU
Sample : P2104-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AA0

Manual IntegrationsAPPROVED

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TIC: BP020058.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.704min (+ 0.135) 0.02 ng/u1

response 101

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	31.10	30.46
69.00	23.50	27.87
0.00	0.00	0.00

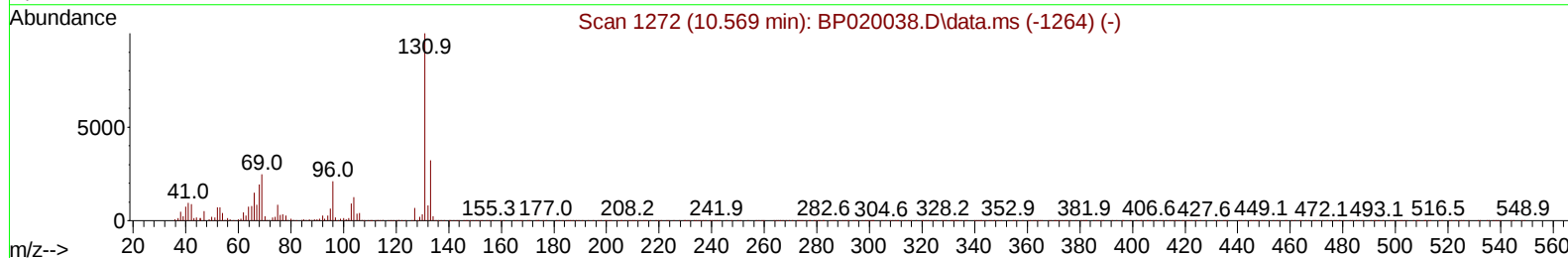
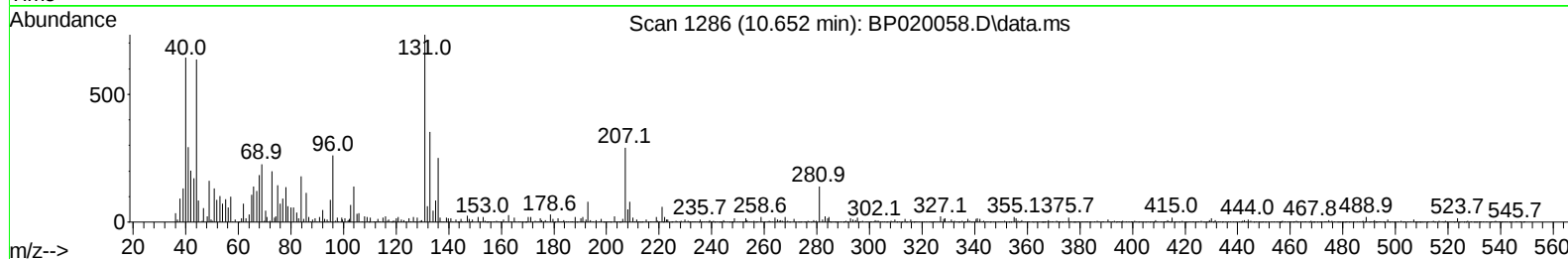
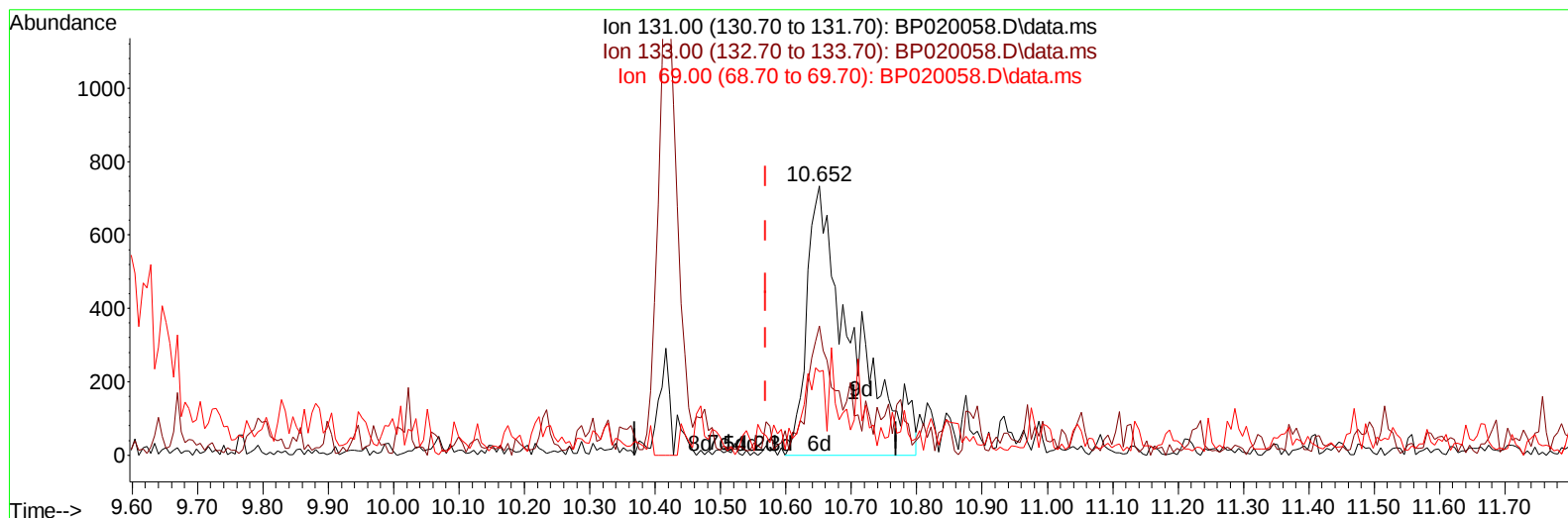
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042024\
Data File : BP020058.D
Acq On : 21 Apr 2024 02:02
Operator : MA/JU
Sample : P2104-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AA0

Manual IntegrationsAPPROVED

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TIC: BP020058.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.652min (+ 0.082) 0.54 ng/ul m

response 3496

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	31.10	48.02#
69.00	23.50	30.97#
0.00	0.00	0.00

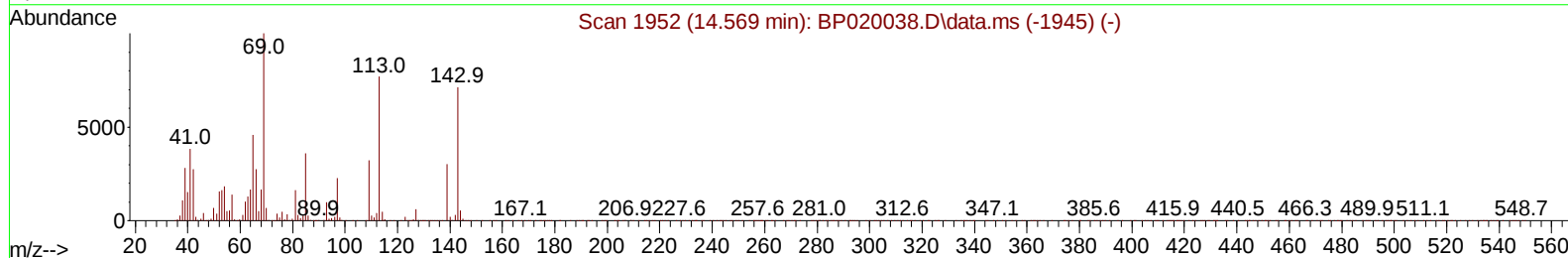
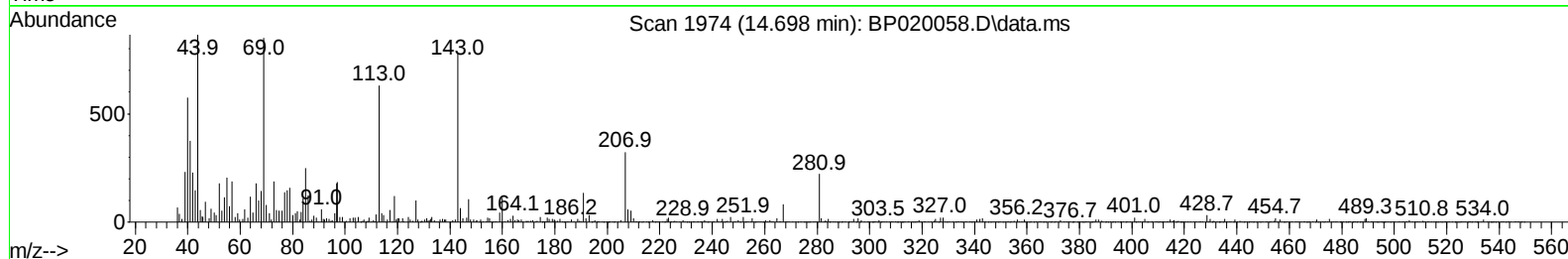
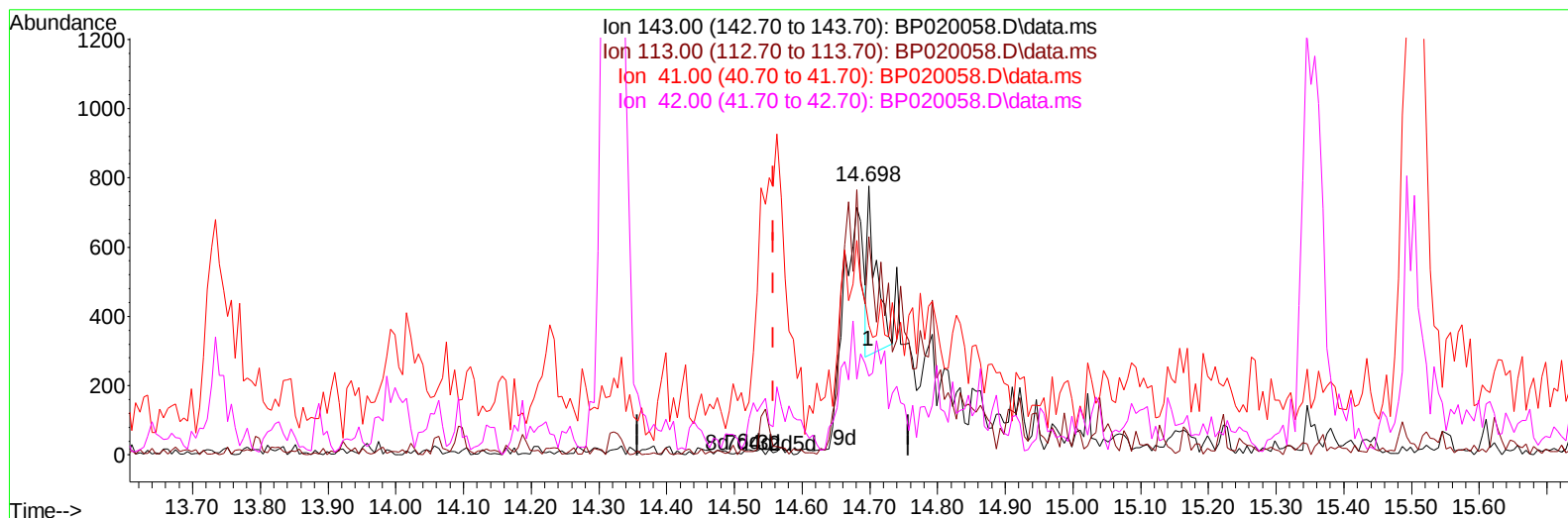
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TIC: BP020058.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.698min (+ 0.141) 0.20 ng/u1

response 454

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	97.80	81.31
41.00	50.70	48.20
42.00	34.00	29.38

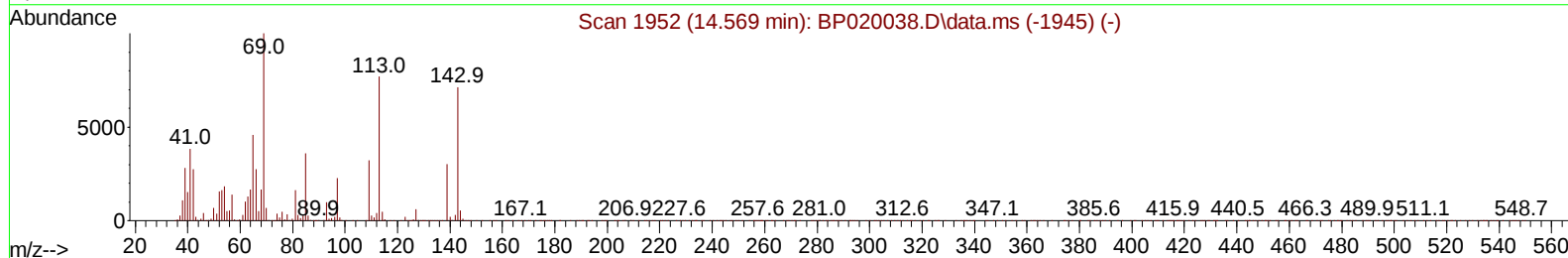
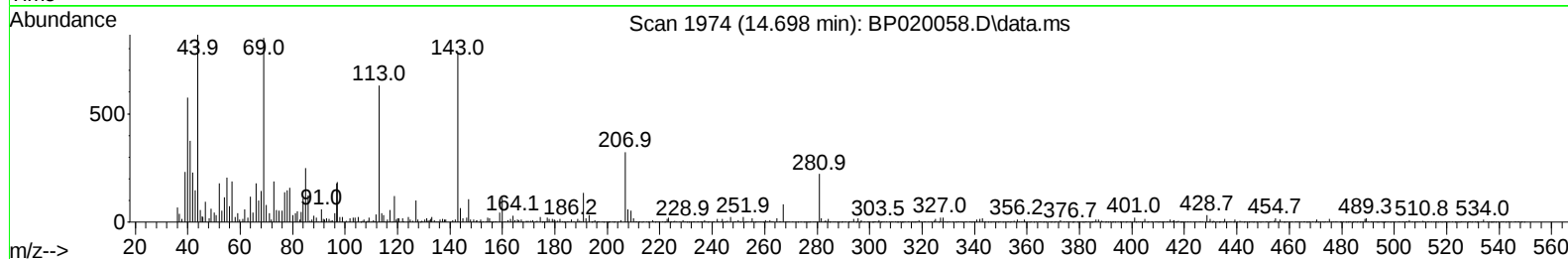
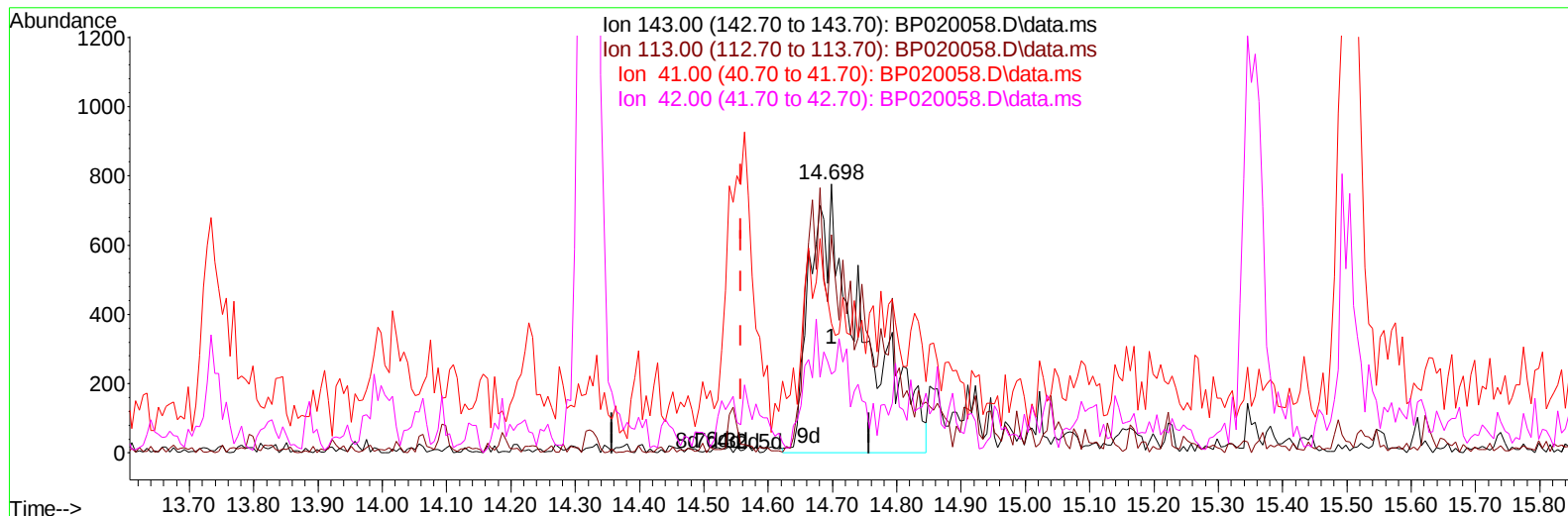
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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AA0

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TIC: BP020058.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.698min (+ 0.141) 1.91 ng/ul m

response 4361

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	97.80	81.31
41.00	50.70	48.20
42.00	34.00	29.38

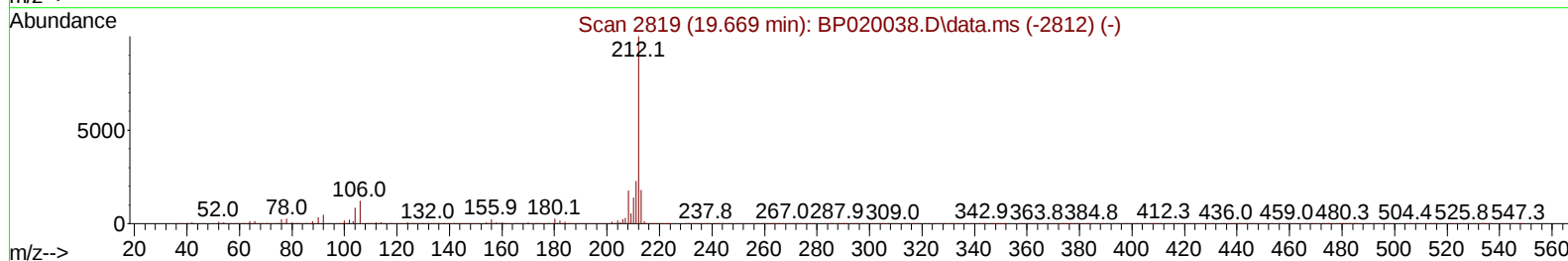
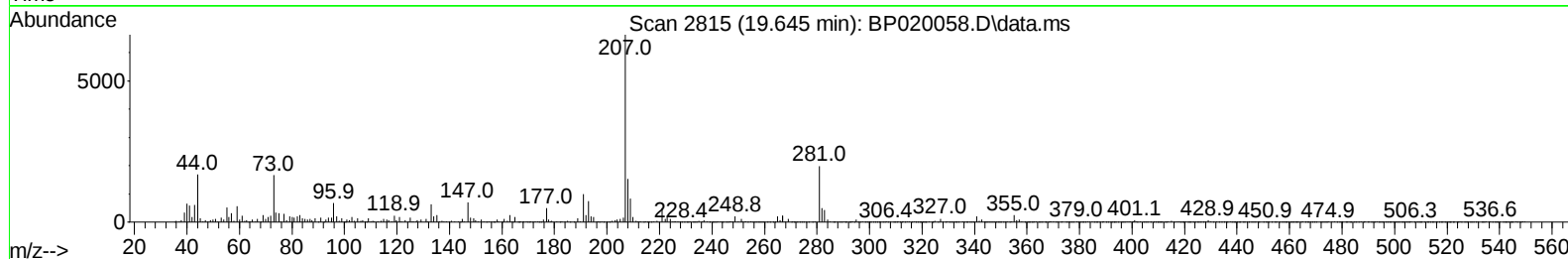
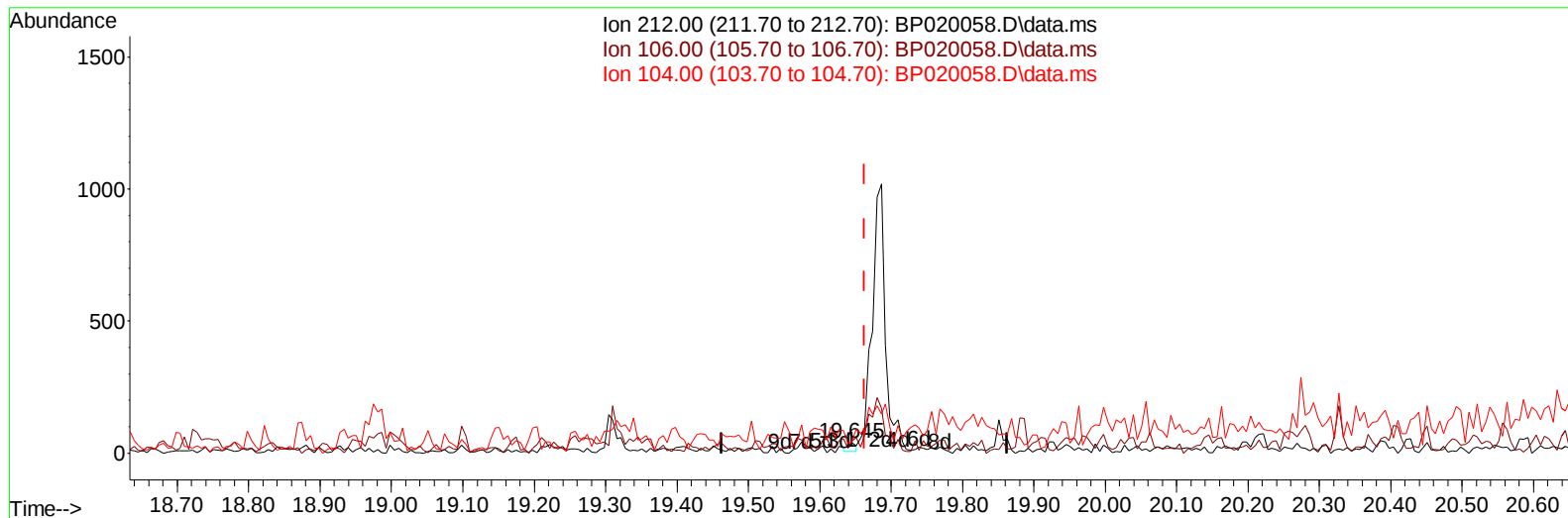
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Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/30/2024



TIC: BP020058.D\data.ms

(81) Pyrene-d10 (S)

19.645min (-0.018) 0.00 ng/u1

response 26

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	13.00	112.82#
104.00	8.80	107.69#
0.00	0.00	0.00

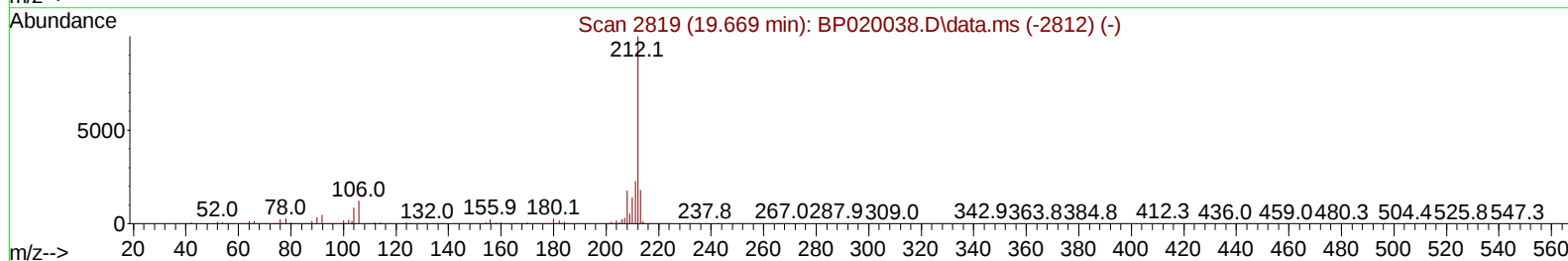
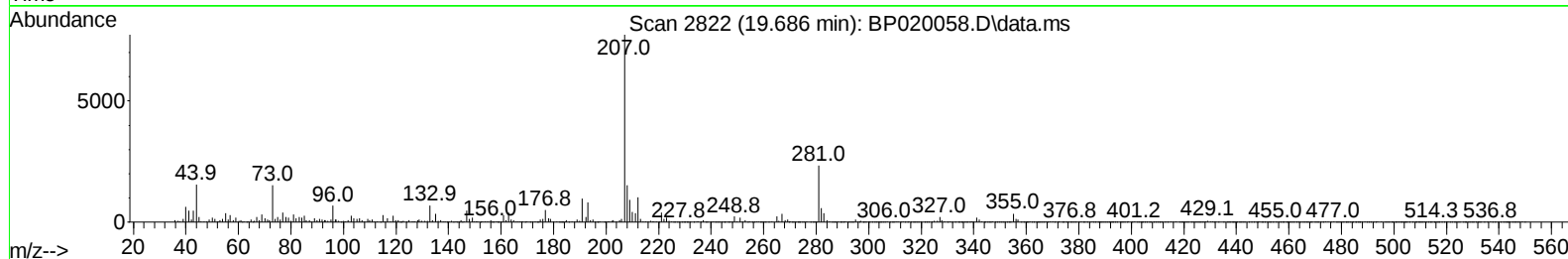
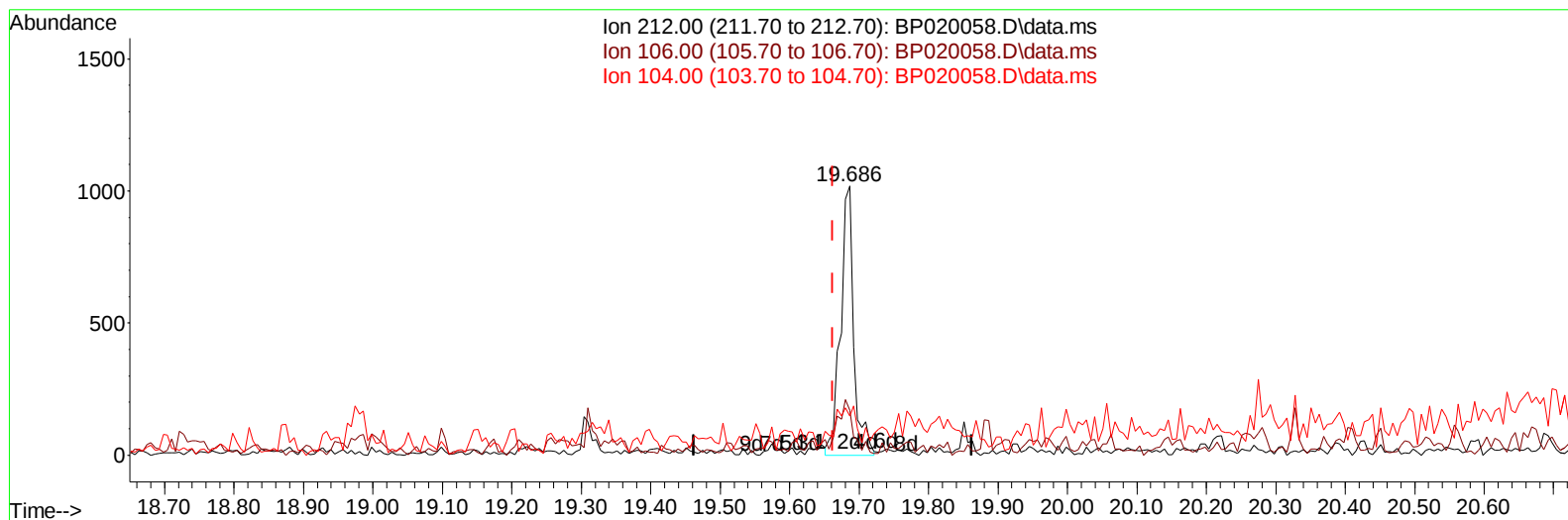
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042024\
Data File : BP020058.D
Acq On : 21 Apr 2024 02:02
Operator : MA/JU
Sample : P2104-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AA0

Manual IntegrationsAPPROVED

Quant Time: Apr 22 00:44:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Apr 20 01:32:50 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/30/2024



TIC: BP020058.D\data.ms

(81) Pyrene-d10 (S)

19.686min (+ 0.023) 0.05 ng/u1 m

response 1347

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	13.00	16.60#
104.00	8.80	14.54#
0.00	0.00	0.00

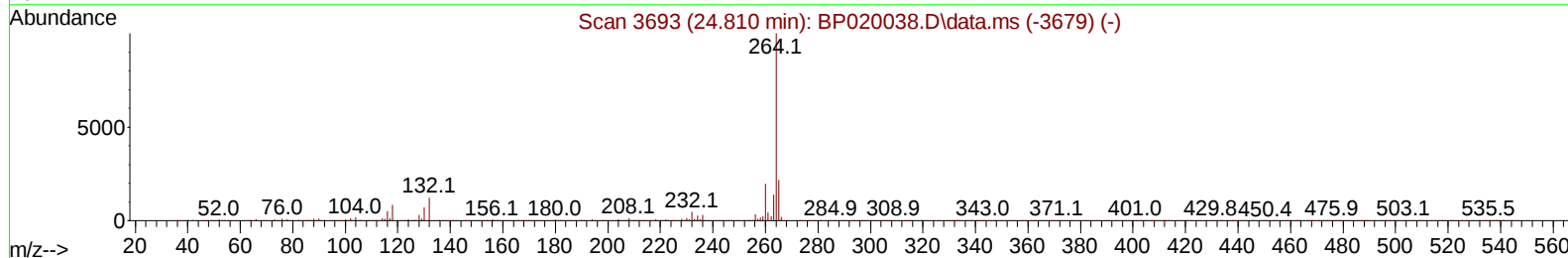
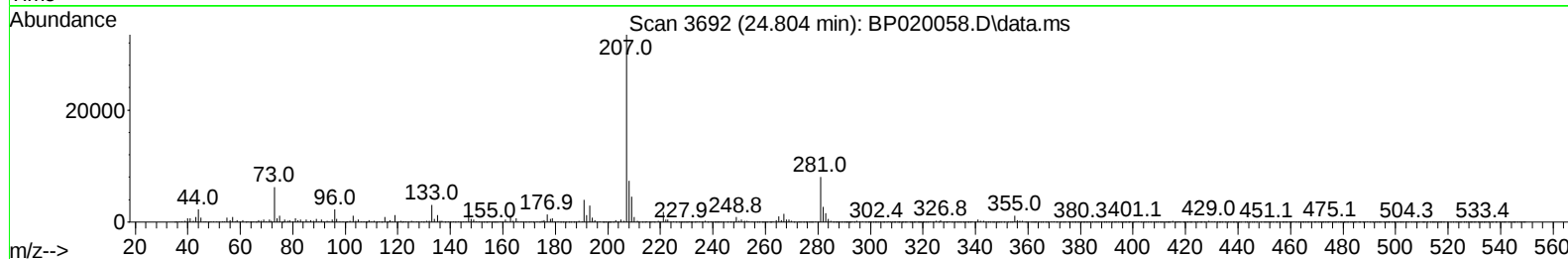
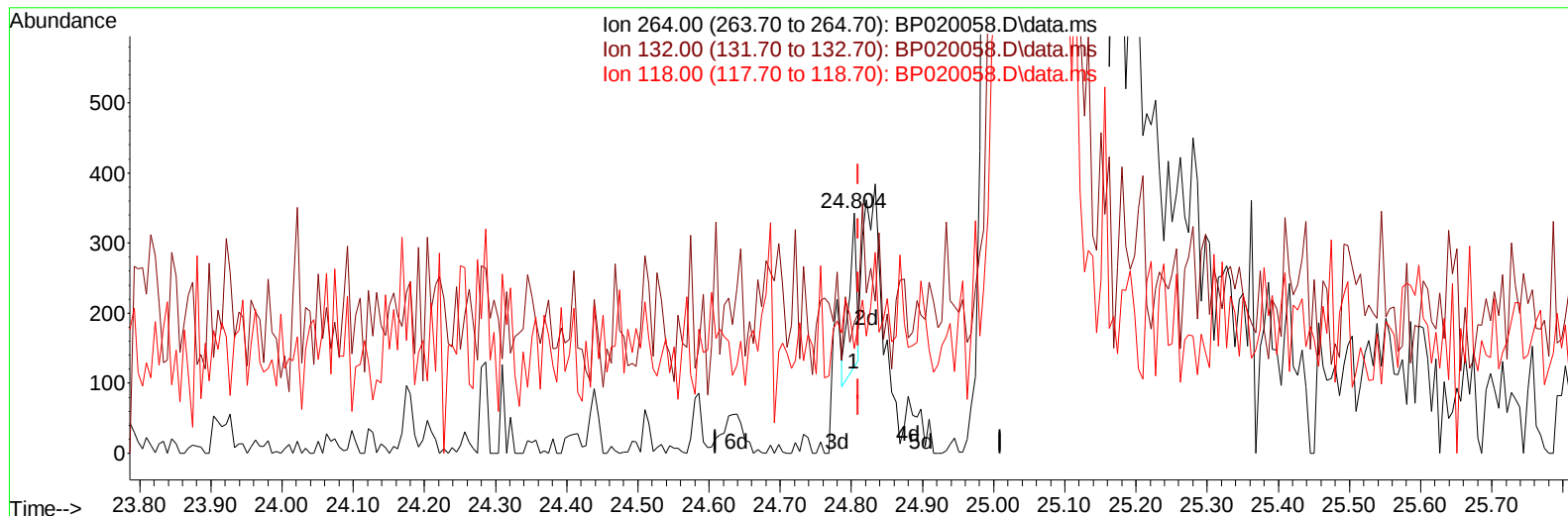
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042024\
Data File : BP020058.D
Acq On : 21 Apr 2024 02:02
Operator : MA/JU
Sample : P2104-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/30/2024



TIC: BP020058.D\data.ms

(92) Benzo(a)pyrene-d12 (S)

24.804min (-0.006) 0.01 ng/u1

response 164

Ion	Exp%	Act%
264.00	100.00	100.00
132.00	12.10	54.52#
118.00	8.80	43.44#
0.00	0.00	0.00

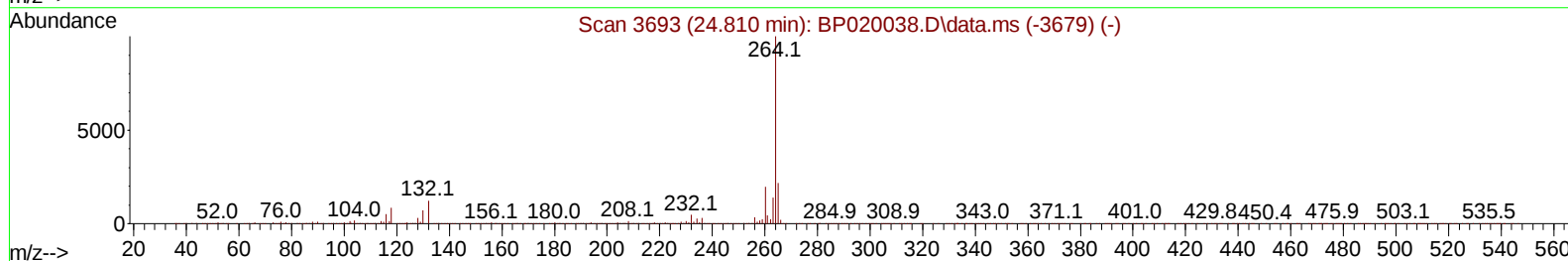
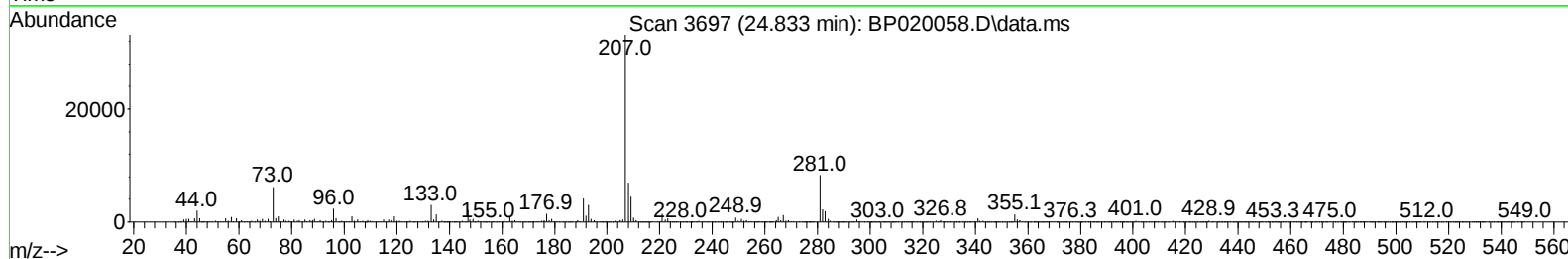
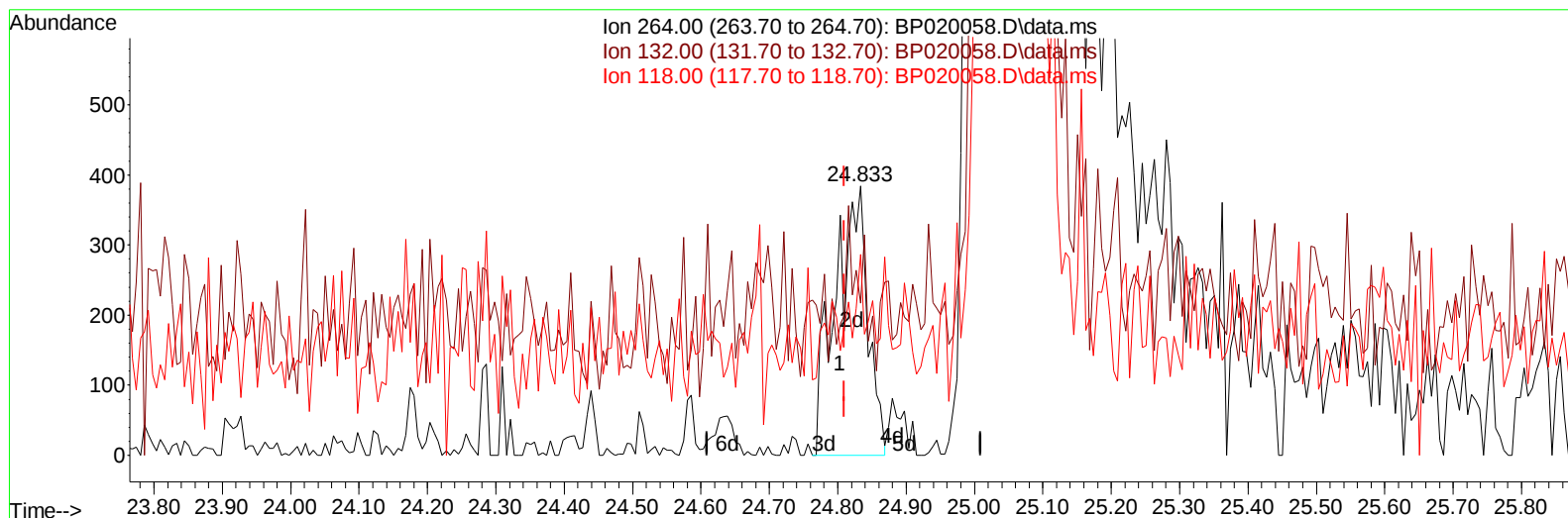
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042024\
Data File : BP020058.D
Acq On : 21 Apr 2024 02:02
Operator : MA/JU
Sample : P2104-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AA0

Manual IntegrationsAPPROVED

Quant Time: Apr 22 00:44:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Apr 20 01:32:50 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/30/2024



TIC: BP020058.D\data.ms

(92) Benzo(a)pyrene-d12 (S)

24.833min (+ 0.024) 0.05 ng/u1 m

response 1260

Ion	Exp%	Act%
264.00	100.00	100.00
132.00	12.10	56.51#
118.00	8.80	74.74#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042024\
 Data File : BP020058.D
 Acq On : 21 Apr 2024 02:02
 Operator : MA/JU
 Sample : P2104-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AA0

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :mohammad ahmed 04/30/2024

Quant Time: Apr 22 00:46:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Apr 20 01:32:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	78115	20.000	ng/ul	0.00
20) Naphthalene-d8	10.416	136	312659	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.322	164	220005	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.157	188	491987	20.000	ng/ul	0.00
79) Chrysene-d12	21.657	240	496141	20.000	ng/ul	0.00
88) Perylene-d12	25.051	264	560047	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	6047	3.172	ng/uL	0.00
4) Pyridine-d5	3.658	84	15419m	2.748	ng/ul	0.02
7) Phenol-d5	6.875	99	1011m	0.148	ng/ul	0.05
9) Bis-(2-Chloroethyl)eth...	6.993	67	79517	16.710	ng/ul	0.00
11) 2-Chlorophenol-d4	7.210	132	3139m	0.675	ng/ul	0.04
15) 4-Methylphenol-d8	8.346	113	2	0.000	ng/ul	0.00
21) Nitrobenzene-d5	8.805	128	38683	17.200	ng/ul	0.00
24) 2-Nitrophenol-d4	9.510	143	37820	15.557	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.175	165	1279m	0.265	ng/ul	0.14
31) 4-Chloroaniline-d4	10.652	131	3496m	0.543	ng/ul	0.08
46) Dimethylphthalate-d6	13.740	166	288543	19.191	ng/ul	0.01
49) Acenaphthylene-d8	14.010	160	4658	0.260	ng/ul	0.01
54) 4-Nitrophenol-d4	14.698	143	4361m	1.905	ng/ul	0.14
60) Fluorene-d10	15.351	176	70817	5.291	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.504	200	34393	11.966	ng/ul	0.02
73) Anthracene-d10	17.286	188	8600	0.390	ng/ul	0.02
81) Pyrene-d10	19.686	212	1347m	0.051	ng/ul	0.02
92) Benzo(a)pyrene-d12	24.833	264	1260m	0.046	ng/ul	0.02

Target Compounds Qvalue

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

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