

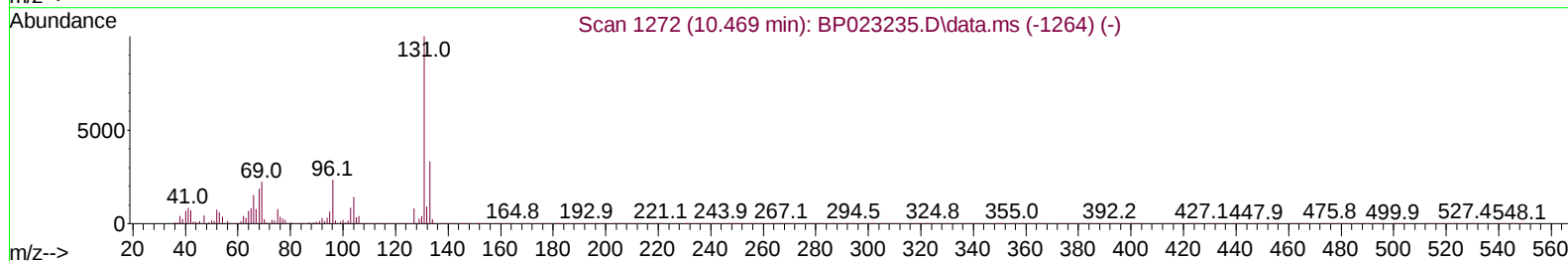
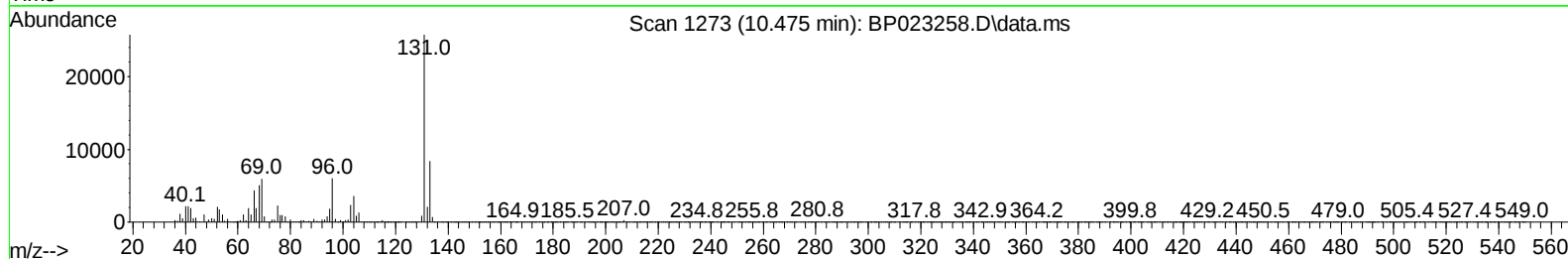
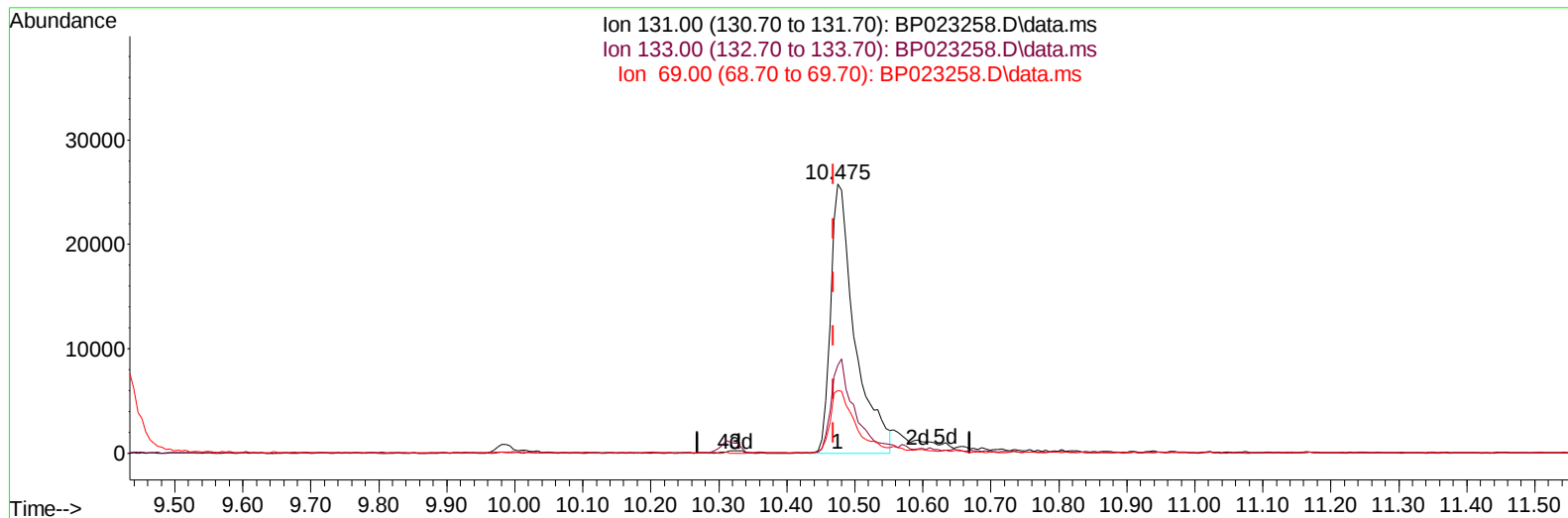
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111924\
Data File : BP023258.D
Acq On : 20 Nov 2024 19:45
Operator : RC/JU
Sample : P4872-16
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E29Y3

Manual IntegrationsAPPROVED

Quant Time: Nov 21 01:31:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 20 04:34:35 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



TIC: BP023258.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.475min (+ 0.006) 12.24 ng/u1

response 63631

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	33.90	32.59
69.00	23.10	23.21
0.00	0.00	0.00

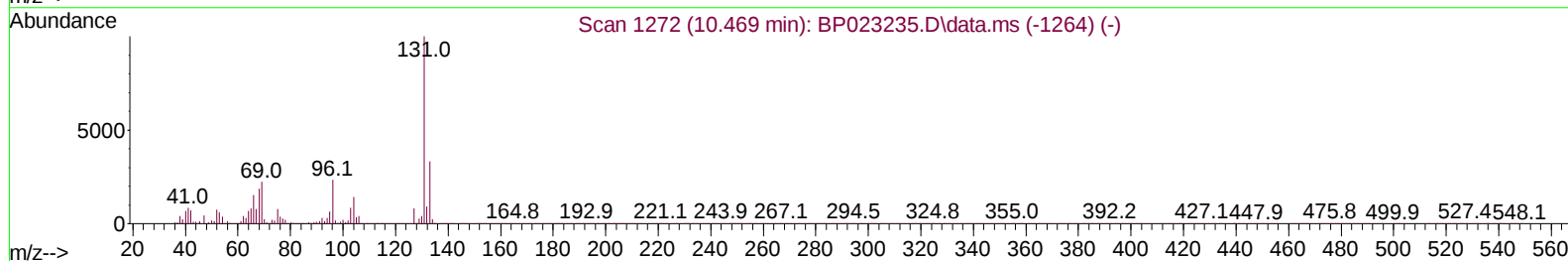
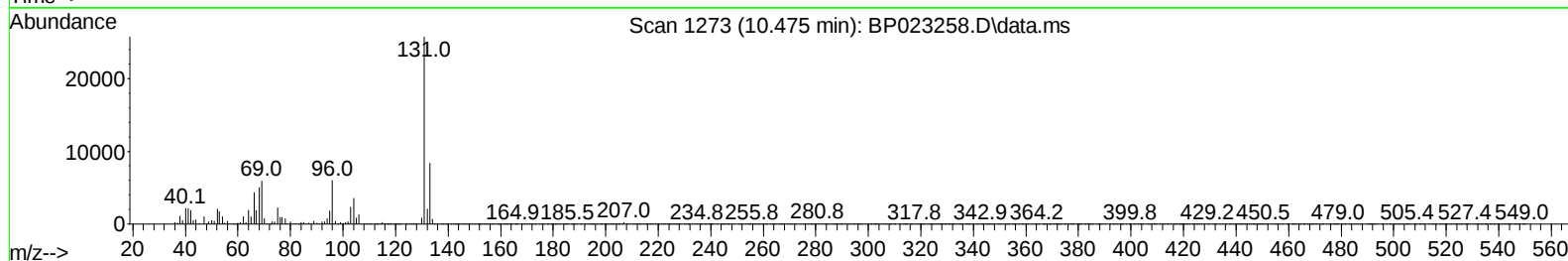
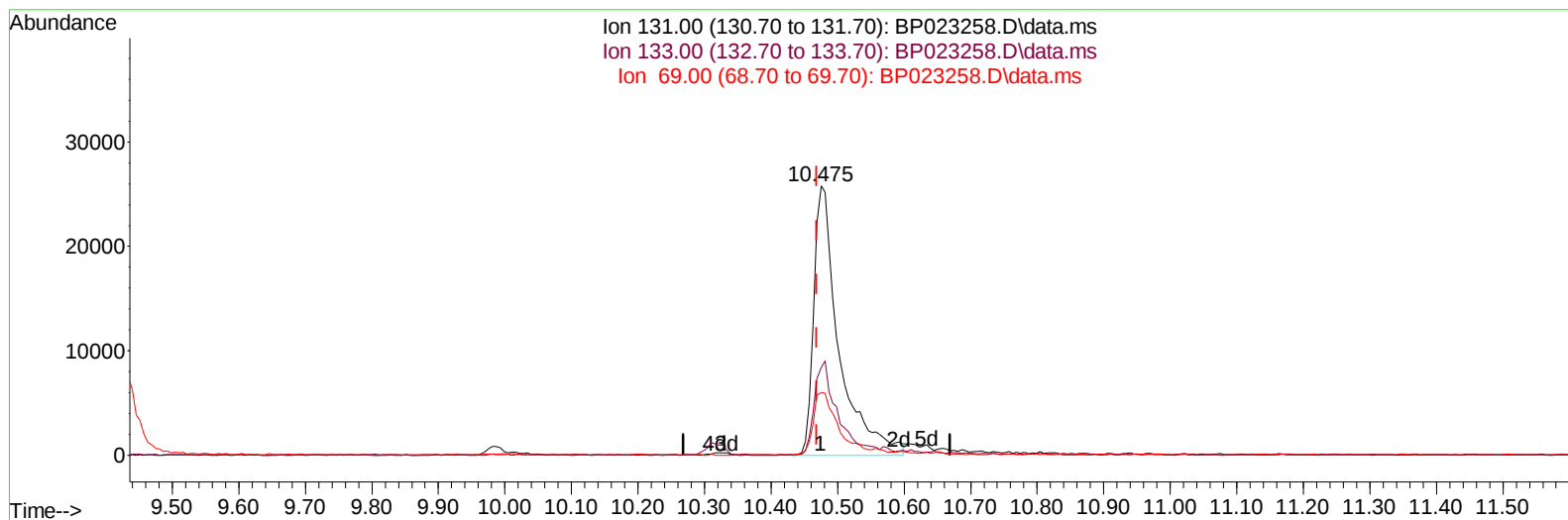
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111924\
Data File : BP023258.D
Acq On : 20 Nov 2024 19:45
Operator : RC/JU
Sample : P4872-16
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E29Y3

Manual IntegrationsAPPROVED

Quant Time: Nov 21 01:31:17 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 20 04:34:35 2024
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Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



TIC: BP023258.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.475min (+ 0.006) 13.04 ng/ul m

response 67816

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	33.90	32.59
69.00	23.10	23.21
0.00	0.00	0.00

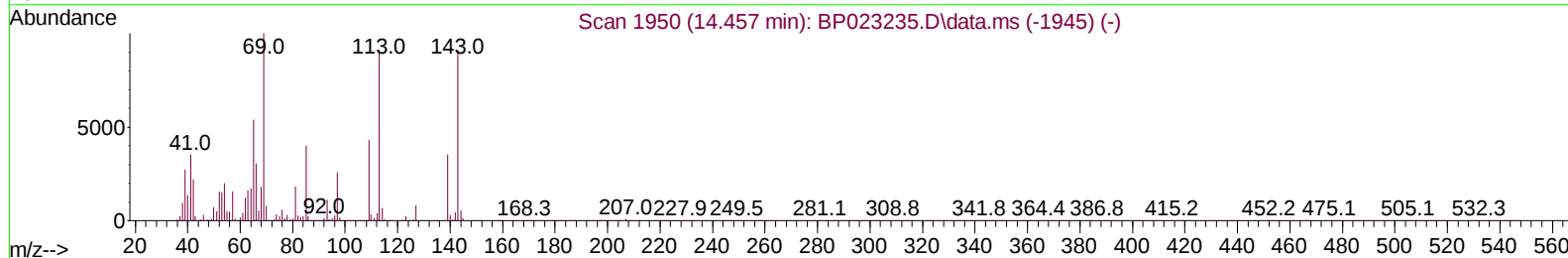
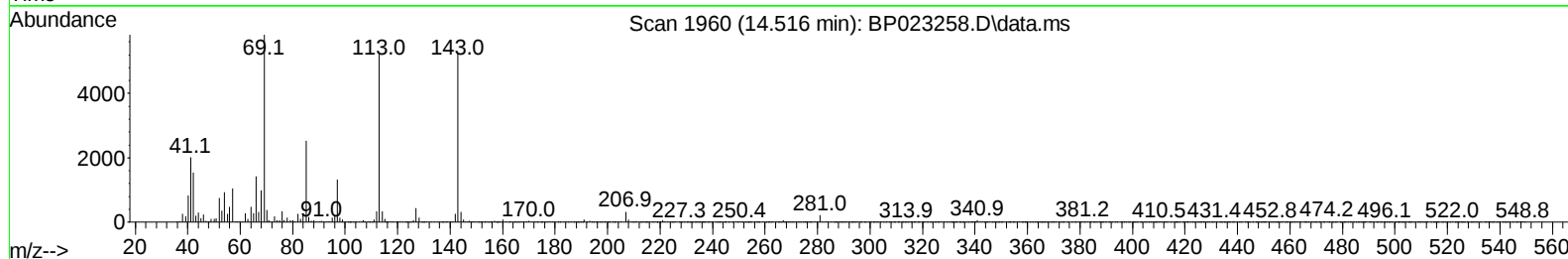
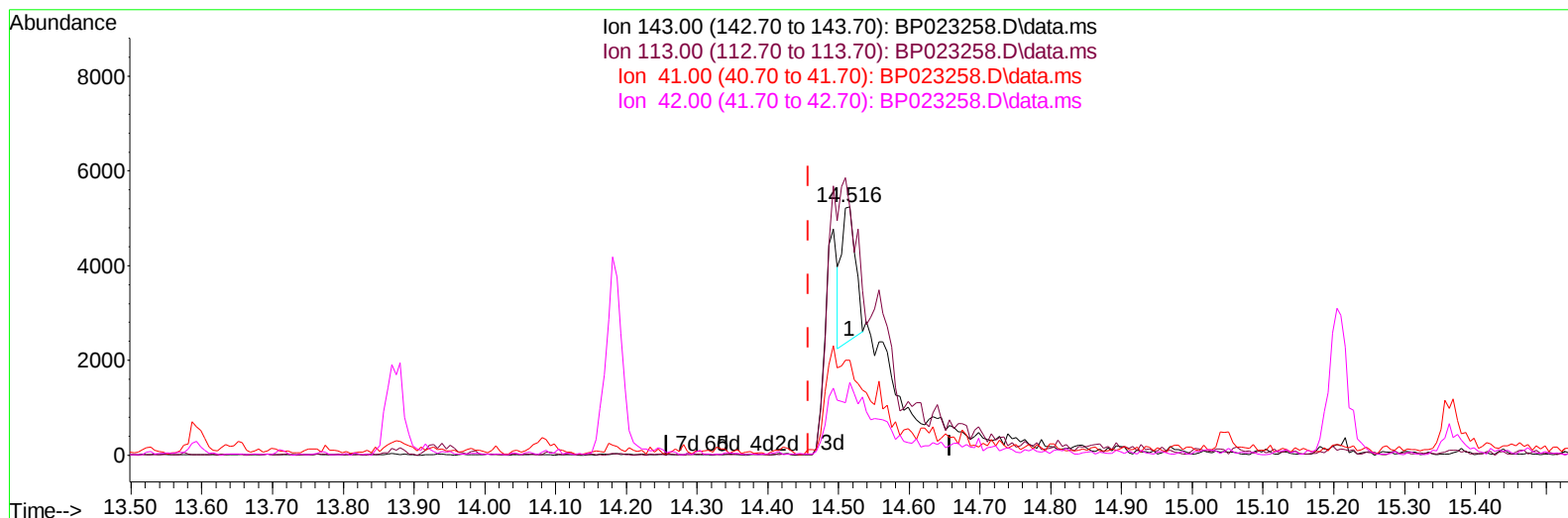
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111924\
Data File : BP023258.D
Acq On : 20 Nov 2024 19:45
Operator : RC/JU
Sample : P4872-16
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E29Y3

Manual IntegrationsAPPROVED

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TIC: BP023258.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.516min (+ 0.059) 1.86 ng/u1

response 3807

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	107.90	99.66
41.00	39.20	38.33
42.00	25.90	29.23

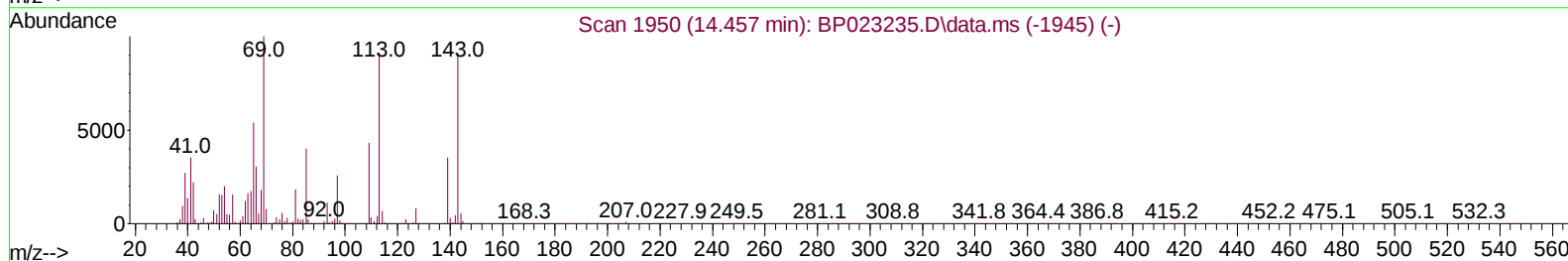
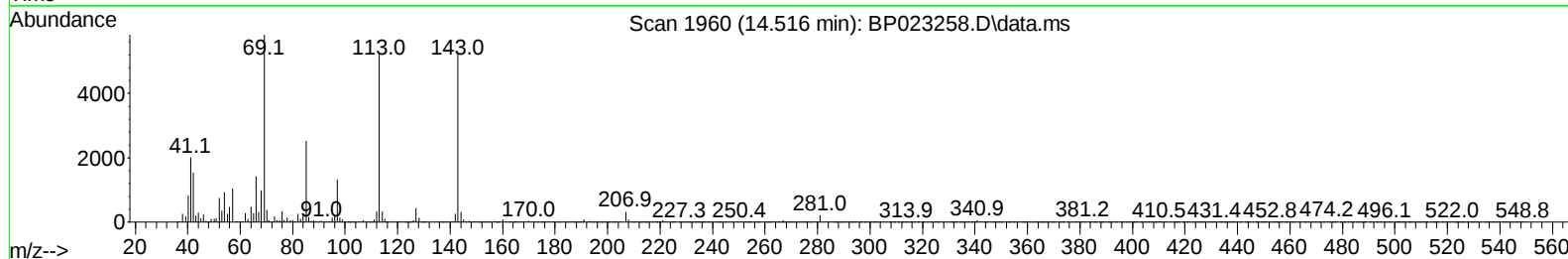
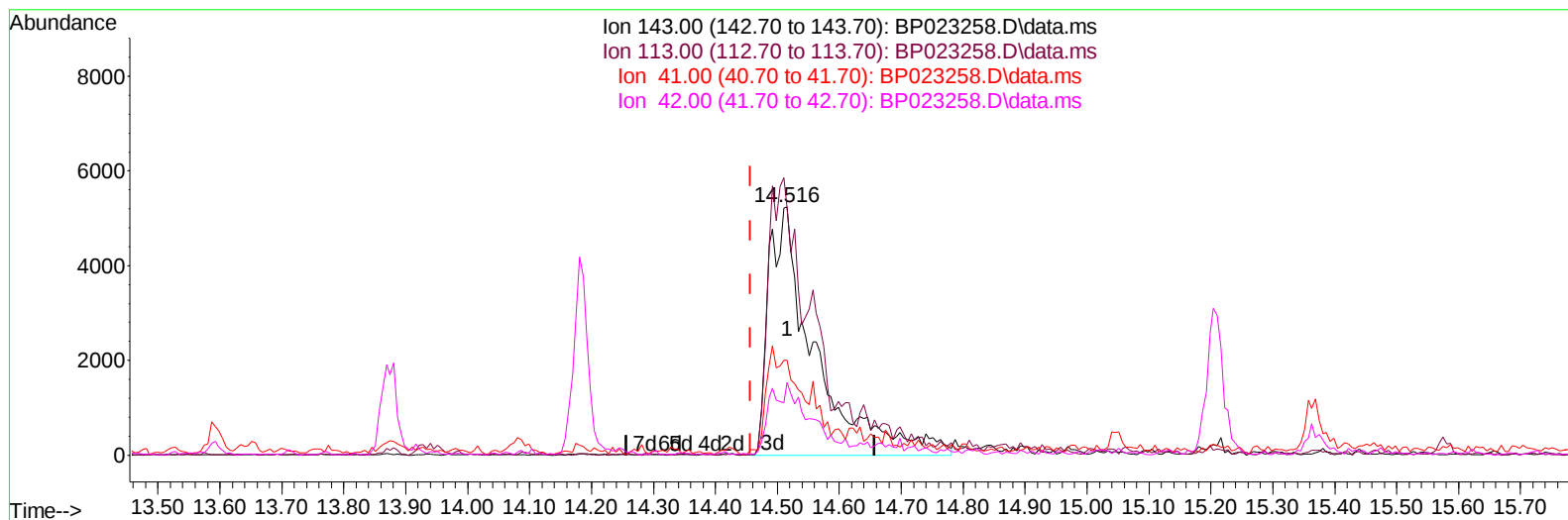
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111924\
Data File : BP023258.D
Acq On : 20 Nov 2024 19:45
Operator : RC/JU
Sample : P4872-16
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E29Y3

Manual IntegrationsAPPROVED

Quant Time: Nov 21 01:31:17 2024
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Quant Title : SVOA CALIBRATION
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Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



TIC: BP023258.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.516min (+ 0.059) 13.35 ng/ul m

response 27273

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	107.90	99.66
41.00	39.20	38.33
42.00	25.90	29.23

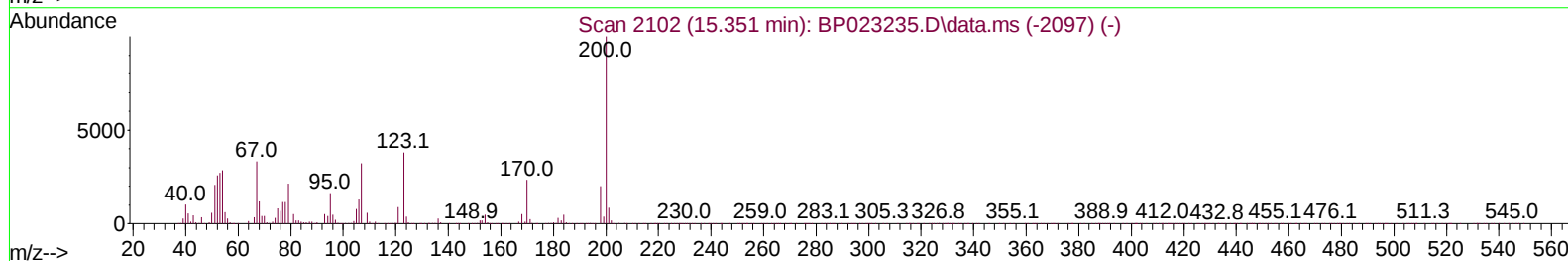
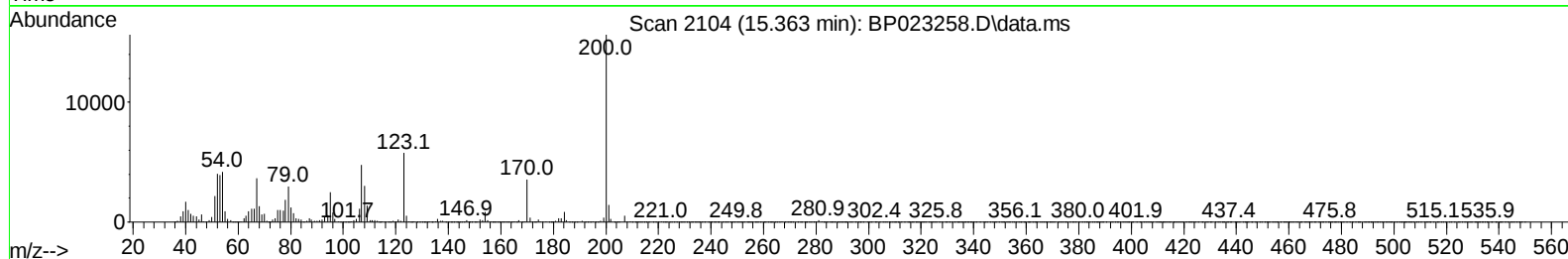
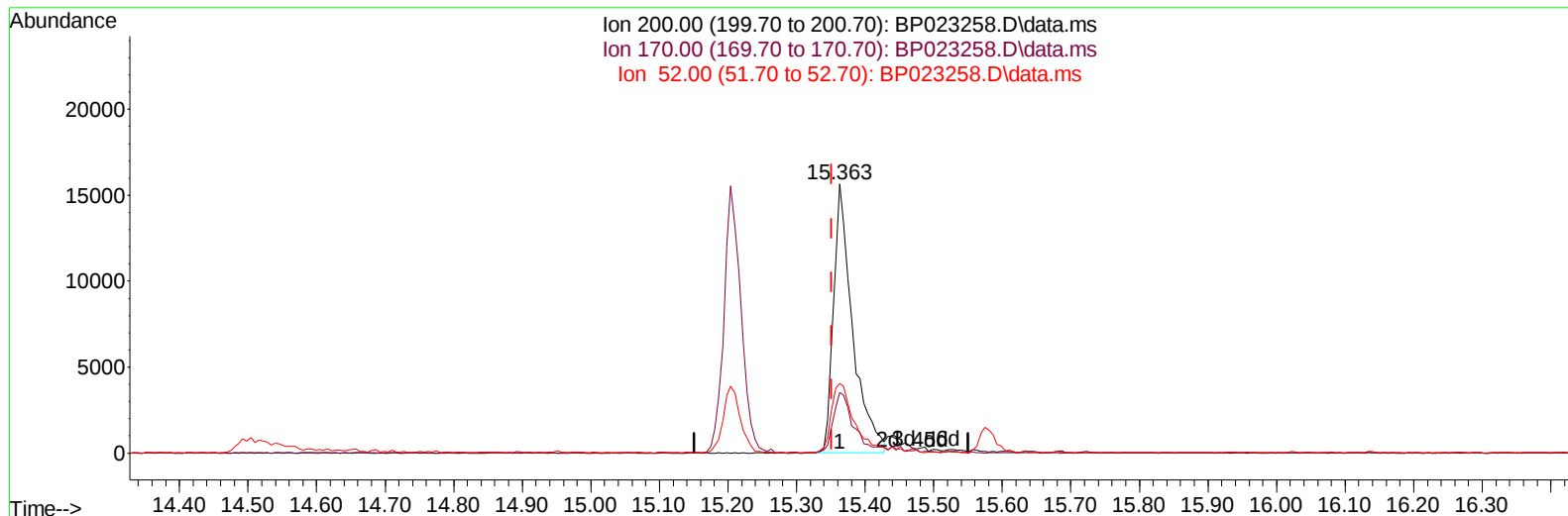
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111924\
Data File : BP023258.D
Acq On : 20 Nov 2024 19:45
Operator : RC/JU
Sample : P4872-16
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E29Y3

Manual IntegrationsAPPROVED

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TIC: BP023258.D\data.ms

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

15.363min (+ 0.012) 10.88 ng/u1

response 30220

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	22.70	22.56
52.00	35.30	25.83#
0.00	0.00	0.00

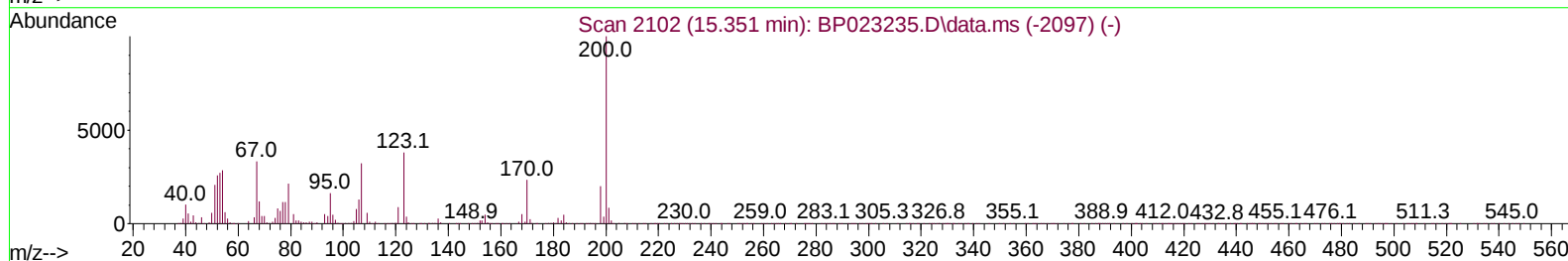
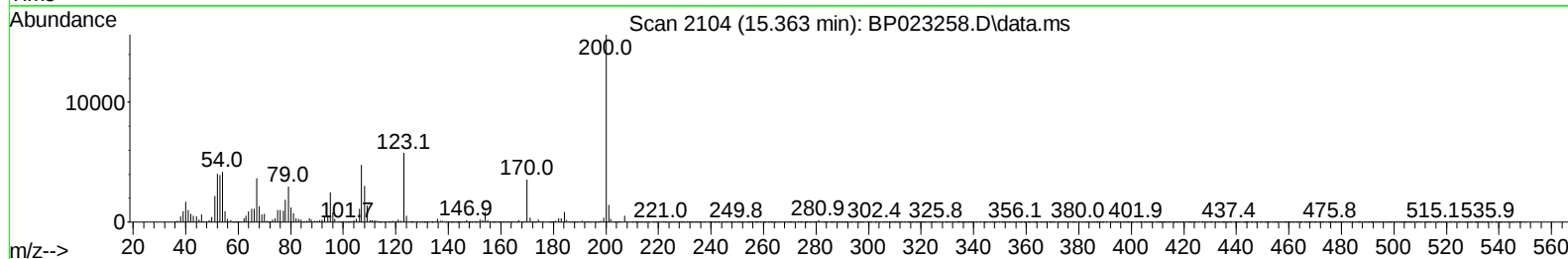
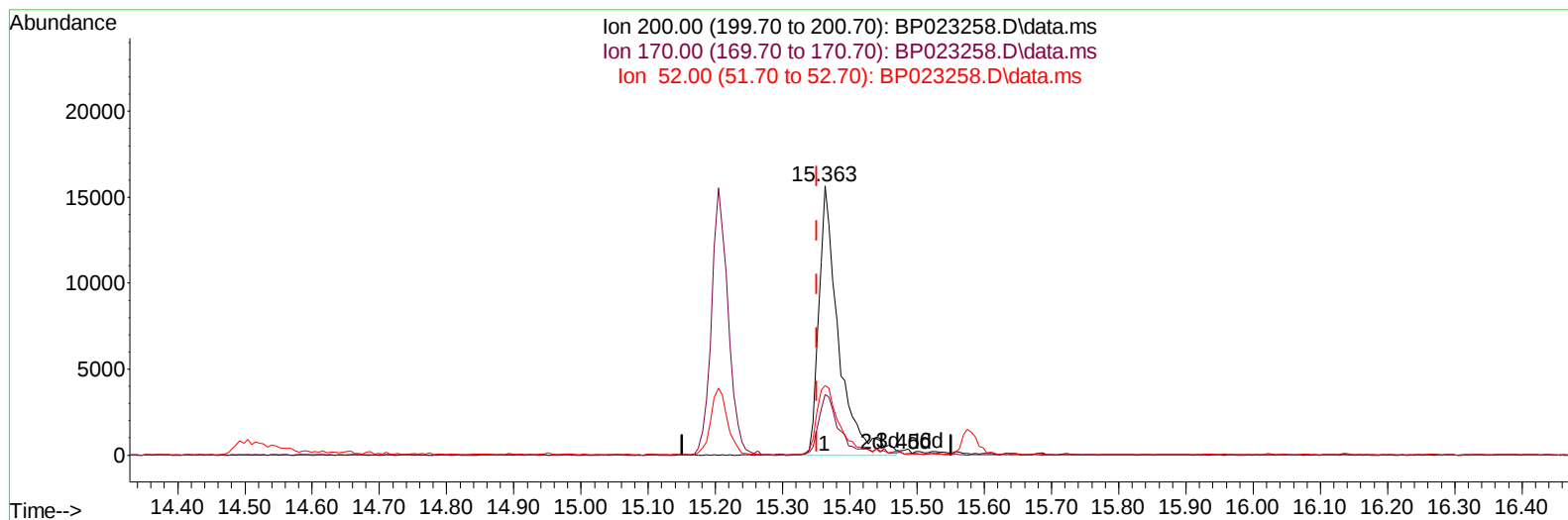
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111924\
Data File : BP023258.D
Acq On : 20 Nov 2024 19:45
Operator : RC/JU
Sample : P4872-16
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E29Y3

Manual IntegrationsAPPROVED

Quant Time: Nov 21 01:33:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 20 04:34:35 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



TIC: BP023258.D\data.ms

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

15.363min (+ 0.012) 11.46 ng/ul m

response 31847

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	22.70	22.56
52.00	35.30	25.83#
0.00	0.00	0.00

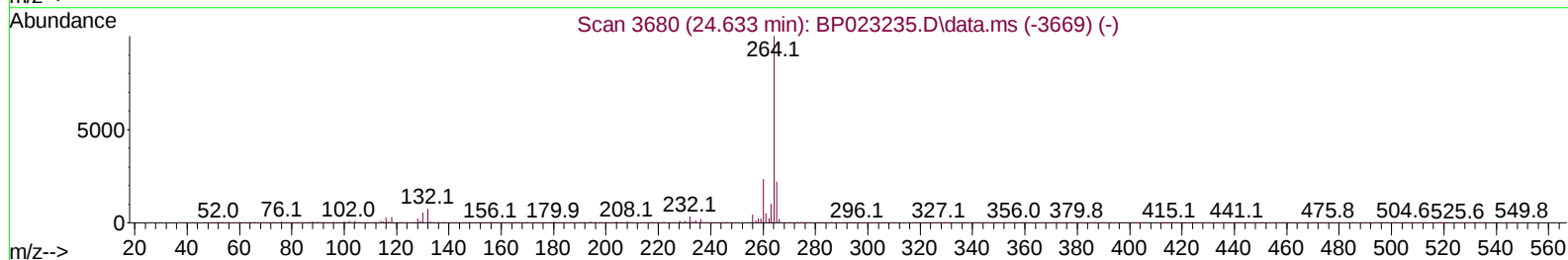
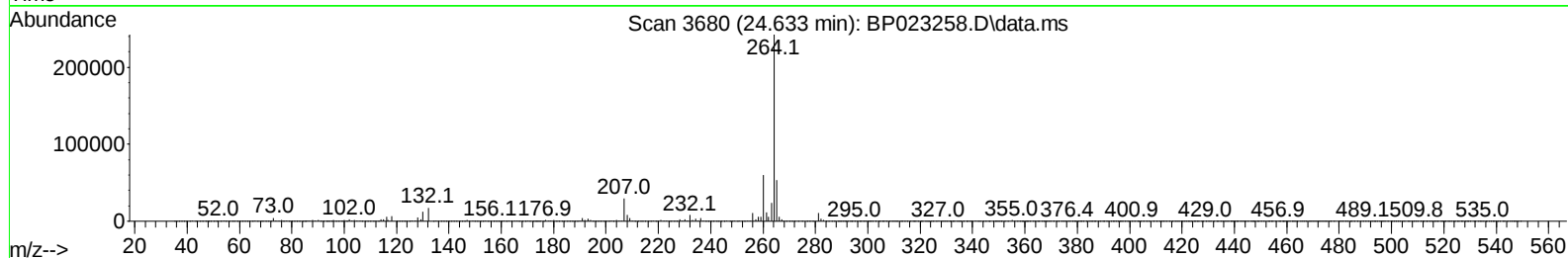
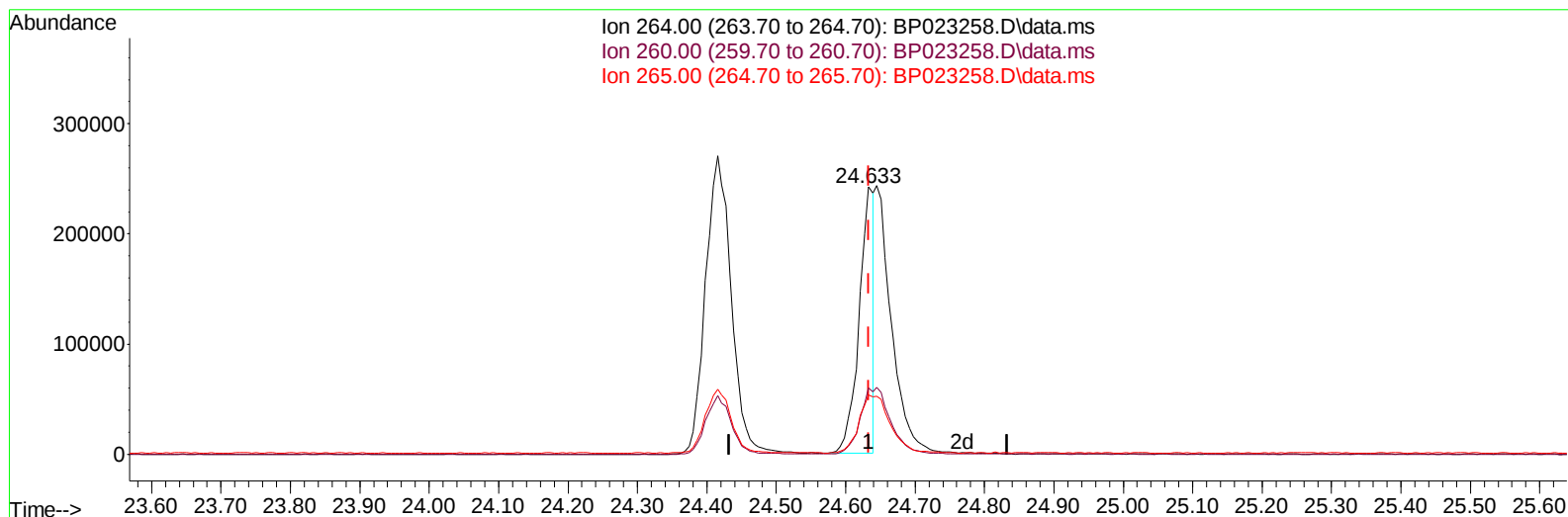
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111924\
Data File : BP023258.D
Acq On : 20 Nov 2024 19:45
Operator : RC/JU
Sample : P4872-16
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E29Y3

Manual IntegrationsAPPROVED

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TIC: BP023258.D\data.ms

(88) Perylene-d12 (I)

24.633min (+ 0.000) 20.00 ng/u1

response 354380

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	23.40	24.79
265.00	22.40	22.21
0.00	0.00	0.00

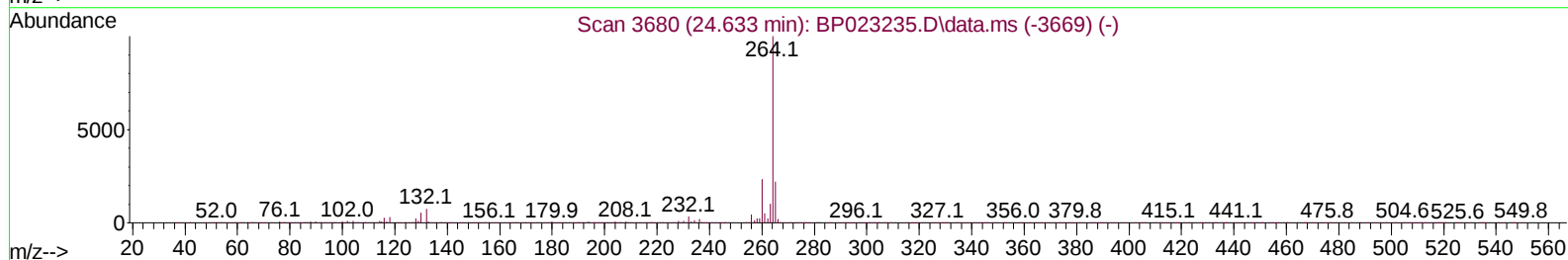
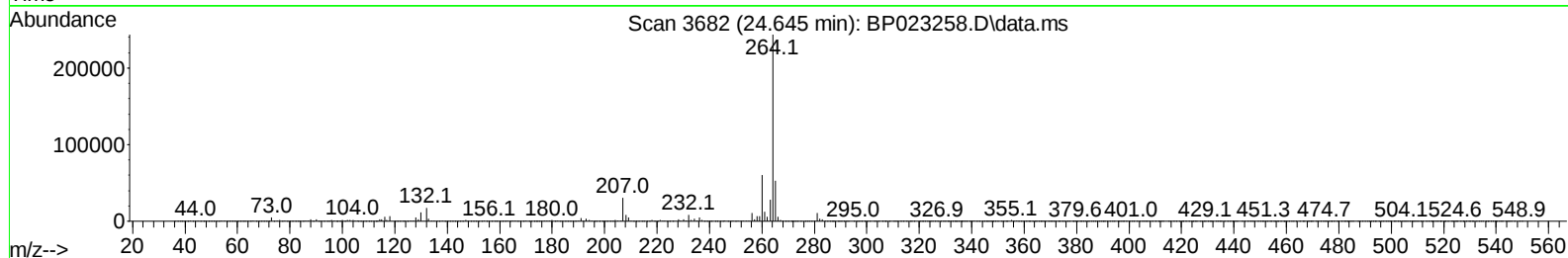
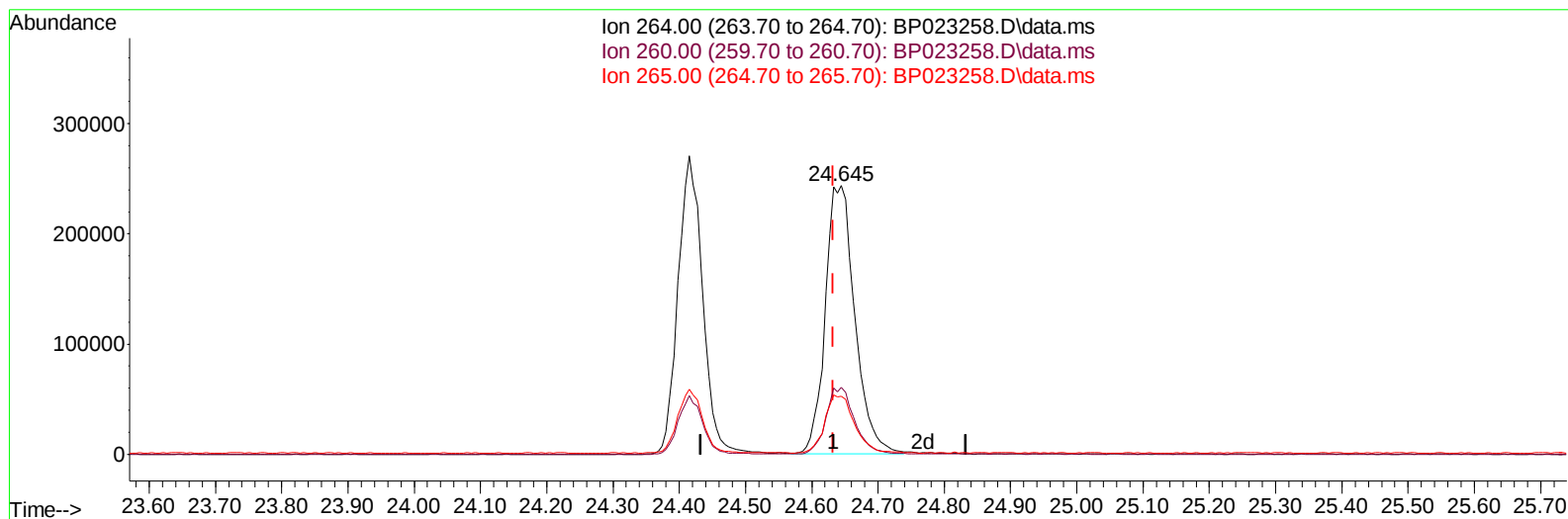
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111924\
Data File : BP023258.D
Acq On : 20 Nov 2024 19:45
Operator : RC/JU
Sample : P4872-16
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E29Y3

Manual IntegrationsAPPROVED

Quant Time: Nov 21 01:31:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 20 04:34:35 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



TIC: BP023258.D\data.ms

(88) Perylene-d12 (I)

24.645min (+ 0.012) 20.00 ng/ul m

response 755325

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	23.40	24.84
265.00	22.40	21.60
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111924\
 Data File : BP023258.D
 Acq On : 20 Nov 2024 19:45
 Operator : RC/JU
 Sample : P4872-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E29Y3

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/22/2024
 Supervised By :mohammad ahmed 11/22/2024

Quant Time: Nov 21 01:35:37 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	70405	20.000	ng/ul	0.00
20) Naphthalene-d8	10.316	136	250763	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.181	164	188649	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.998	188	463777	20.000	ng/ul	0.00
79) Chrysene-d12	21.421	240	590505	20.000	ng/ul	0.00
88) Perylene-d12	24.645	264	755325m	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	3999	2.730	ng/uL	0.00
4) Pyridine-d5	3.558	84	46379	10.658	ng/ul	0.01
7) Phenol-d5	6.787	99	69217	13.298	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	6.916	67	43818	14.328	ng/ul	0.00
11) 2-Chlorophenol-d4	7.122	132	54700	14.349	ng/ul	0.00
15) 4-Methylphenol-d8	8.287	113	57473	13.417	ng/ul	0.00
21) Nitrobenzene-d5	8.716	128	26054	14.924	ng/ul	0.00
24) 2-Nitrophenol-d4	9.428	143	30481	14.646	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.987	165	62955	14.444	ng/ul	0.02
31) 4-Chloroaniline-d4	10.475	131	67816m	13.042	ng/ul	0.00
46) Dimethylphthalate-d6	13.592	166	247373	18.194	ng/ul	0.00
49) Acenaphthylene-d8	13.875	160	242102	17.065	ng/ul	0.00
54) 4-Nitrophenol-d4	14.516	143	27273m	13.348	ng/ul	0.06
60) Fluorene-d10	15.204	176	214632	18.005	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.363	200	31847m	11.463	ng/ul	0.01
73) Anthracene-d10	17.104	188	379663	19.334	ng/ul	0.00
81) Pyrene-d10	19.474	212	503826	18.524	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.415	264	699231	19.434	ng/ul	0.00

Target Compounds Qvalue

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

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ALS Vial : 15 Sample Multiplier: 1

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