

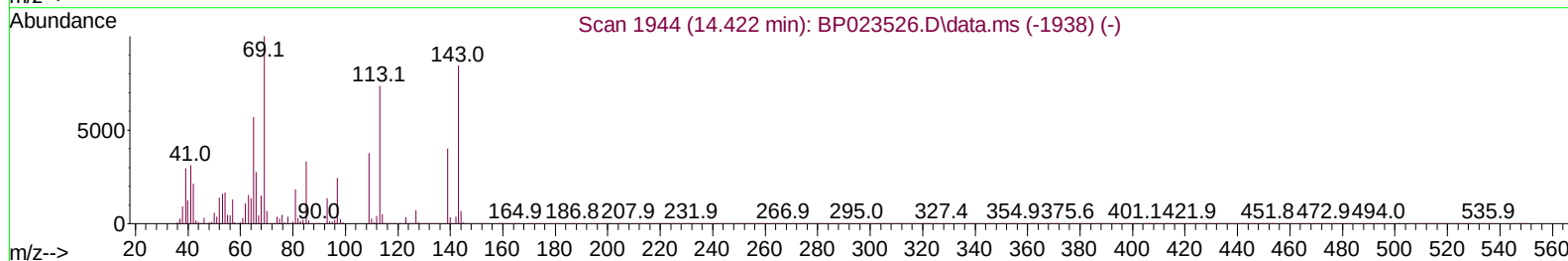
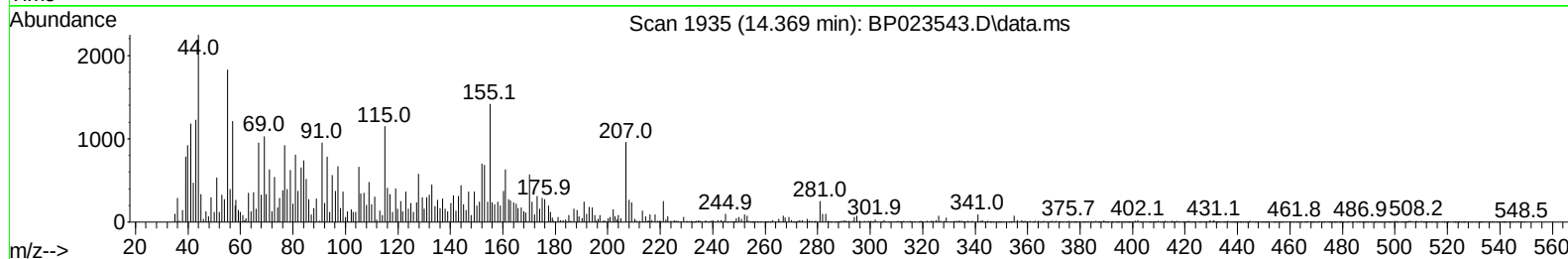
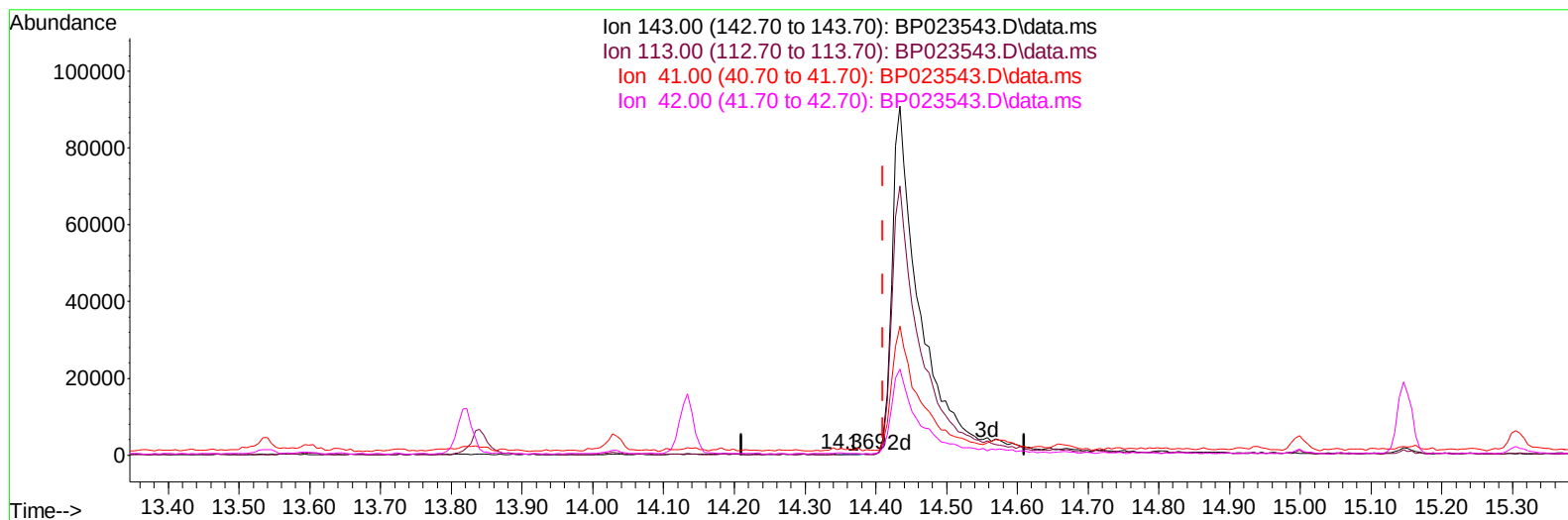
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
 Data File : BP023543.D
 Acq On : 20 Dec 2024 02:05
 Operator : RC/JU
 Sample : P5265-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E28Y8

Manual IntegrationsAPPROVED

Quant Time: Dec 20 03:30:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 00:30:30 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/21/2024
 Supervised By :mohammad ahmed 12/21/2024



TIC: BP023543.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.369min (-0.041) 0.03 ng/ul

response 259

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	106.10	43.73#
41.00	45.60	381.03#
42.00	31.70	152.09#

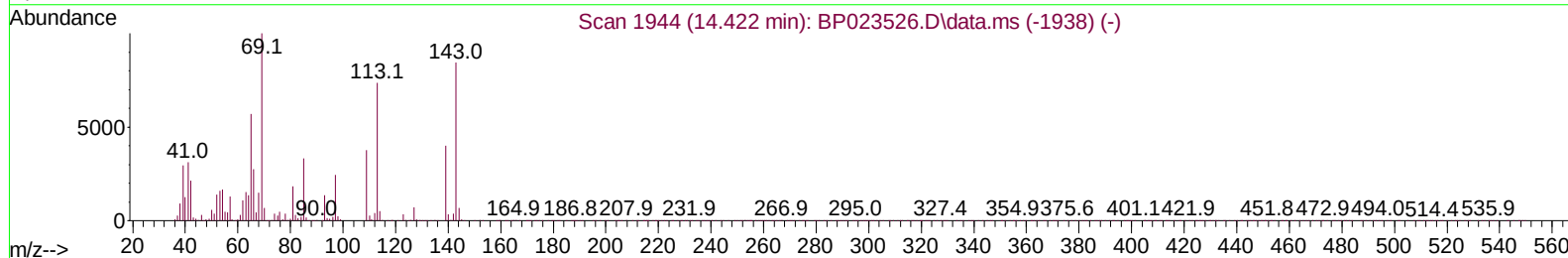
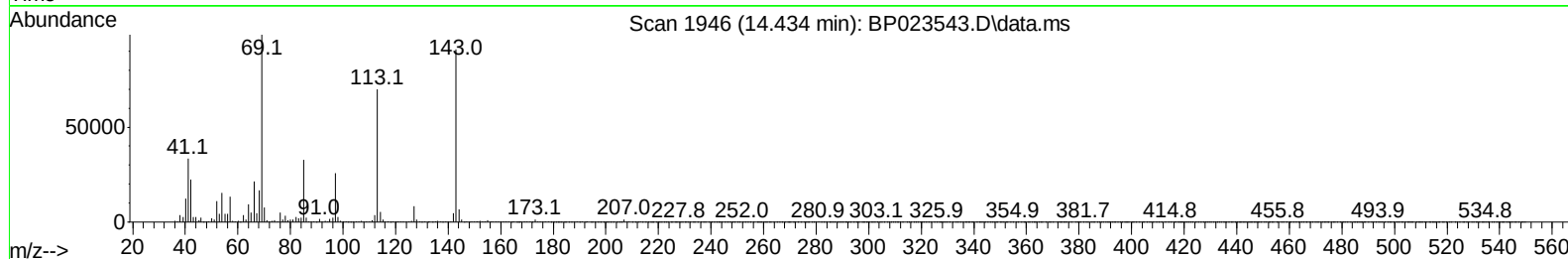
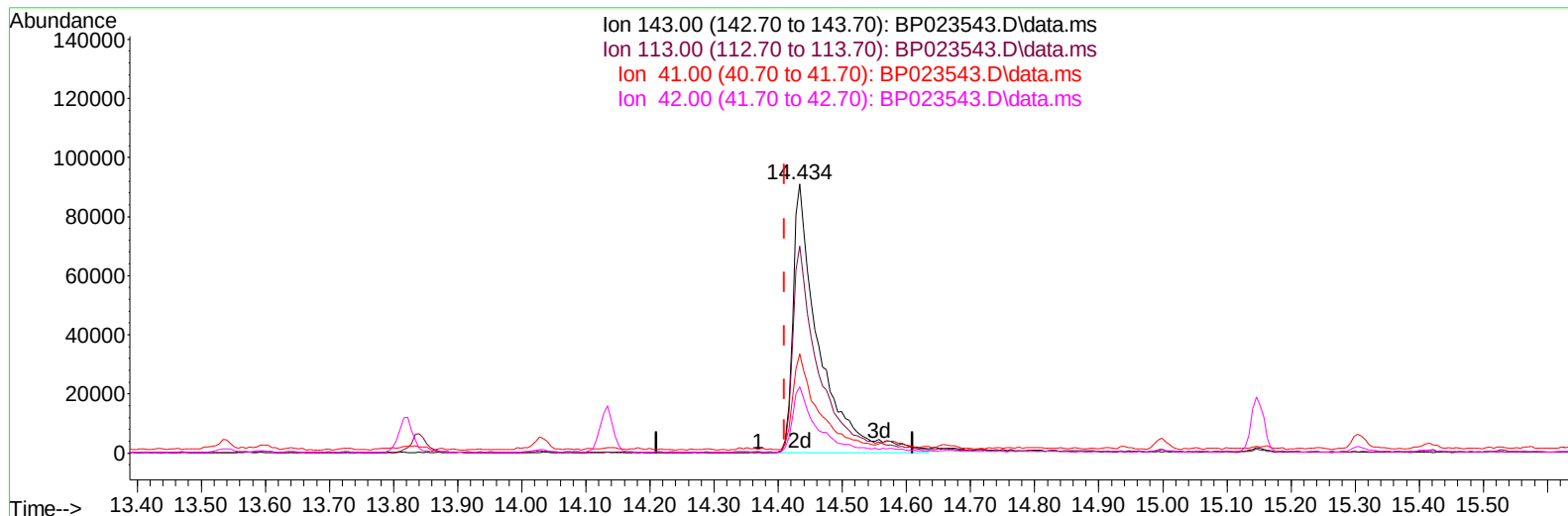
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
Data File : BP023543.D
Acq On : 20 Dec 2024 02:05
Operator : RC/JU
Sample : P5265-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28Y8

Manual IntegrationsAPPROVED

Quant Time: Dec 20 03:30:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024



TIC: BP023543.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.434min (+ 0.024) 30.37 ng/ul m

response 257382

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	106.10	77.01#
41.00	45.60	36.92
42.00	31.70	24.55#

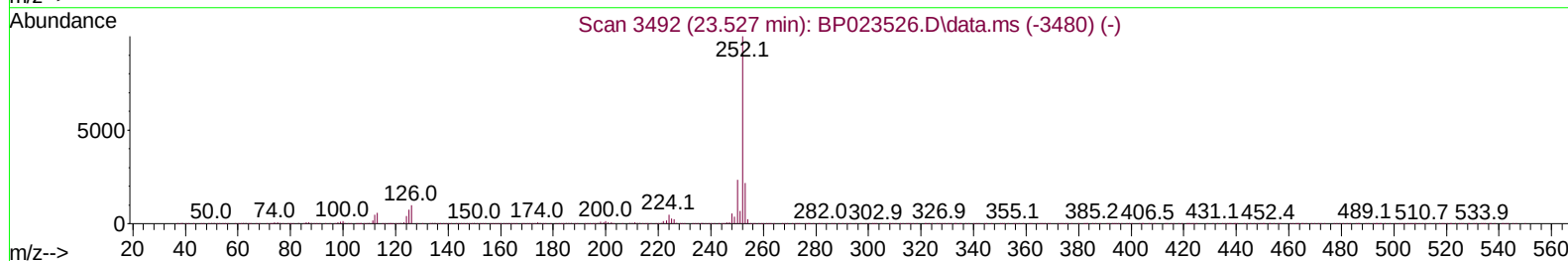
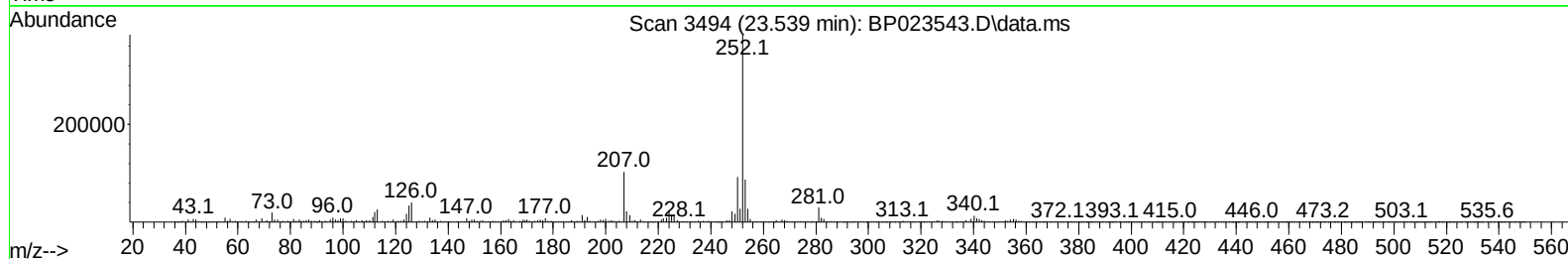
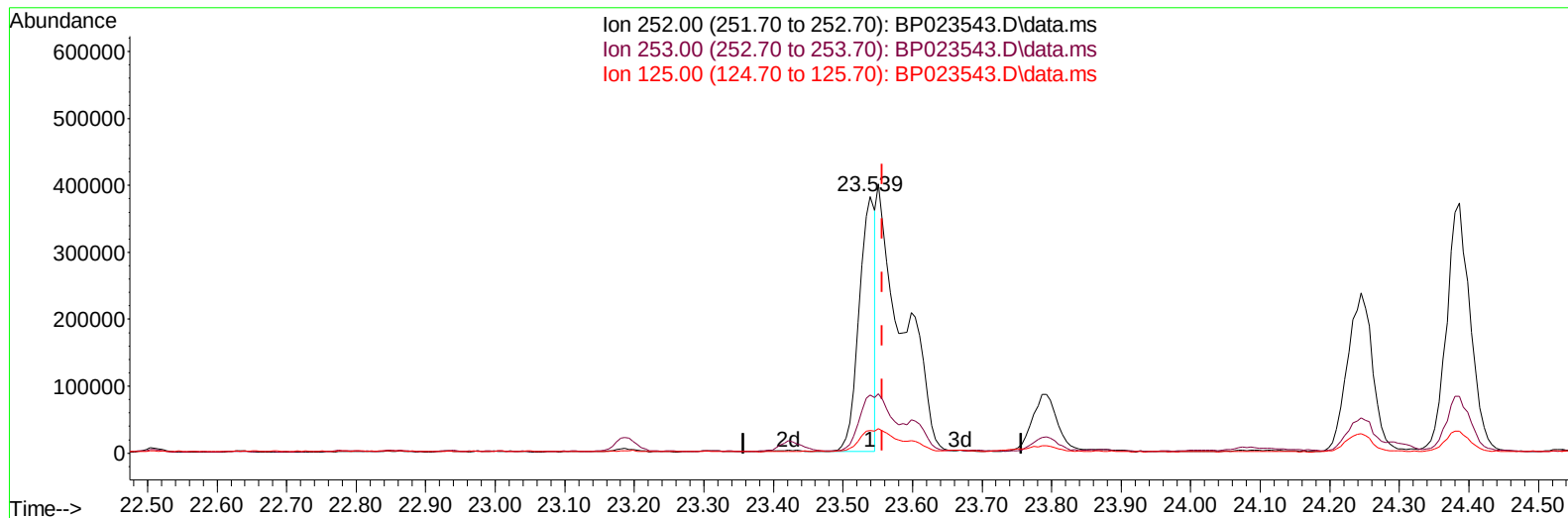
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
Data File : BP023543.D
Acq On : 20 Dec 2024 02:05
Operator : RC/JU
Sample : P5265-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28Y8

Manual IntegrationsAPPROVED

Quant Time: Dec 20 03:30:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024



TIC: BP023543.D\data.ms

(90) Benzo(b)fluoranthene

23.539min (-0.018) 4.82 ng/u1

response 611057

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.60	22.59
125.00	5.50	8.71#
0.00	0.00	0.00

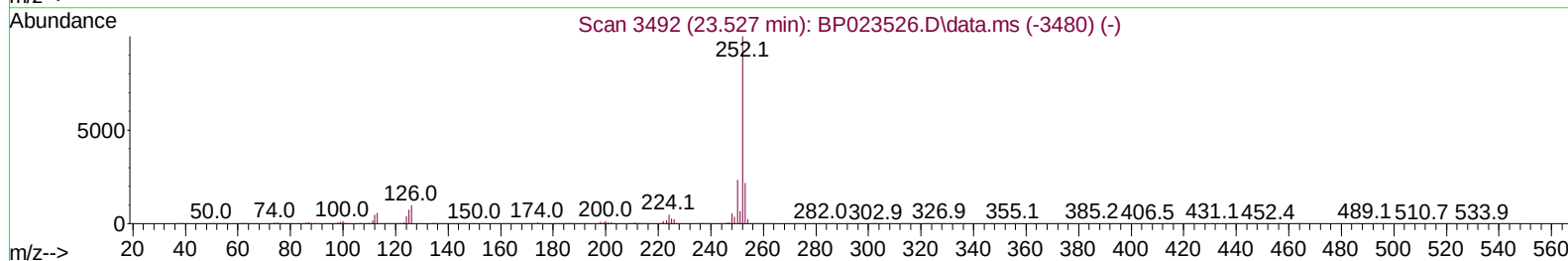
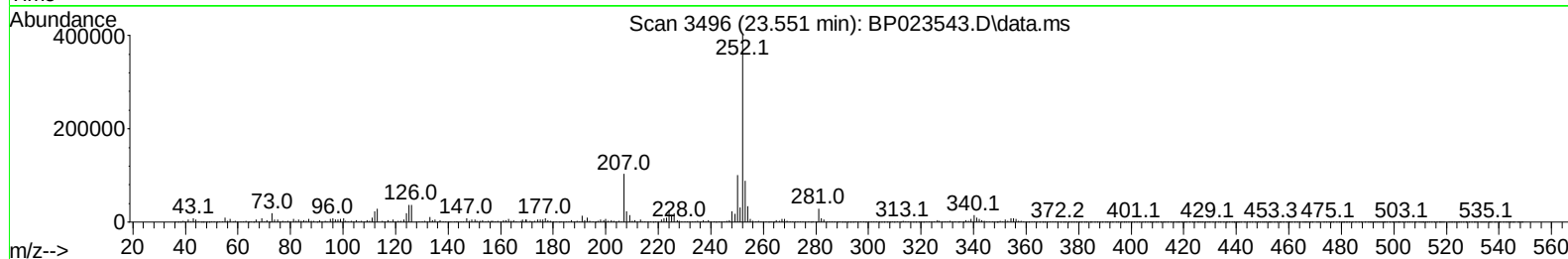
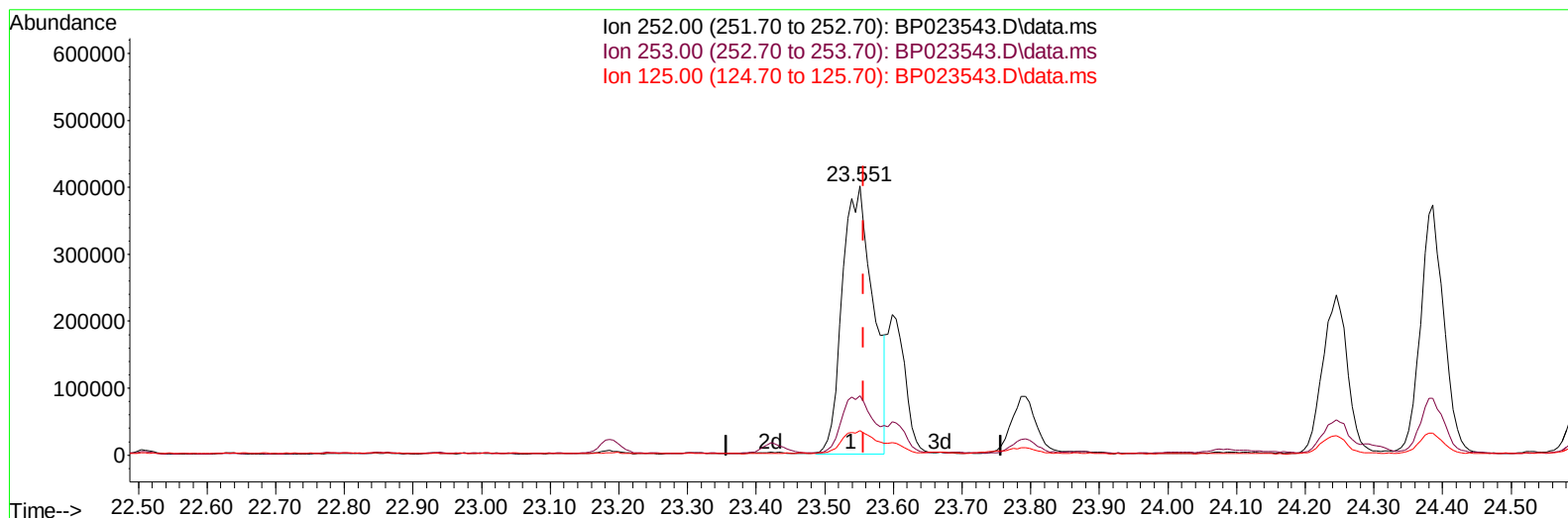
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
Data File : BP023543.D
Acq On : 20 Dec 2024 02:05
Operator : RC/JU
Sample : P5265-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28Y8

Manual IntegrationsAPPROVED

Quant Time: Dec 20 03:30:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024



TIC: BP023543.D\data.ms

(90) Benzo(b)fluoranthene

23.551min (-0.006) 9.86 ng/ul m

response 1251443

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.60	22.04
125.00	5.50	9.22#
0.00	0.00	0.00

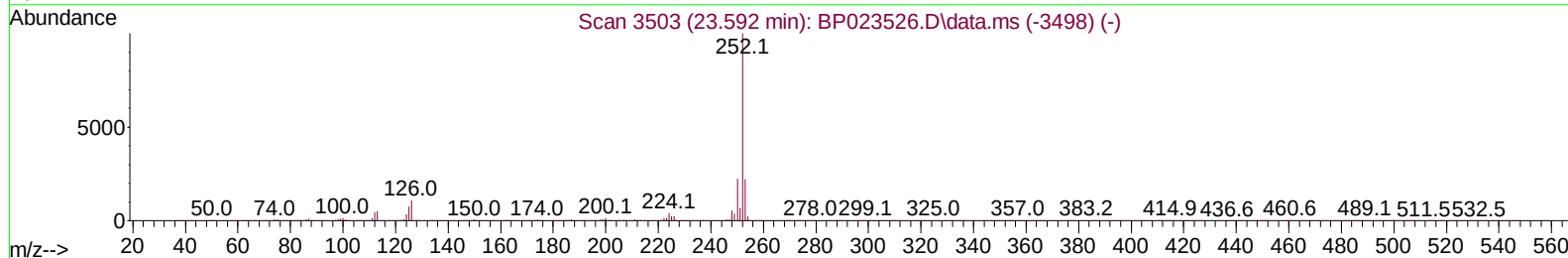
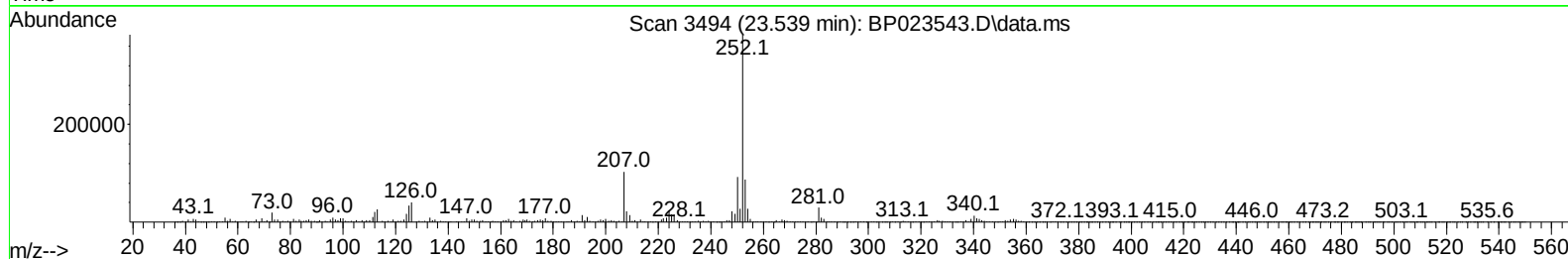
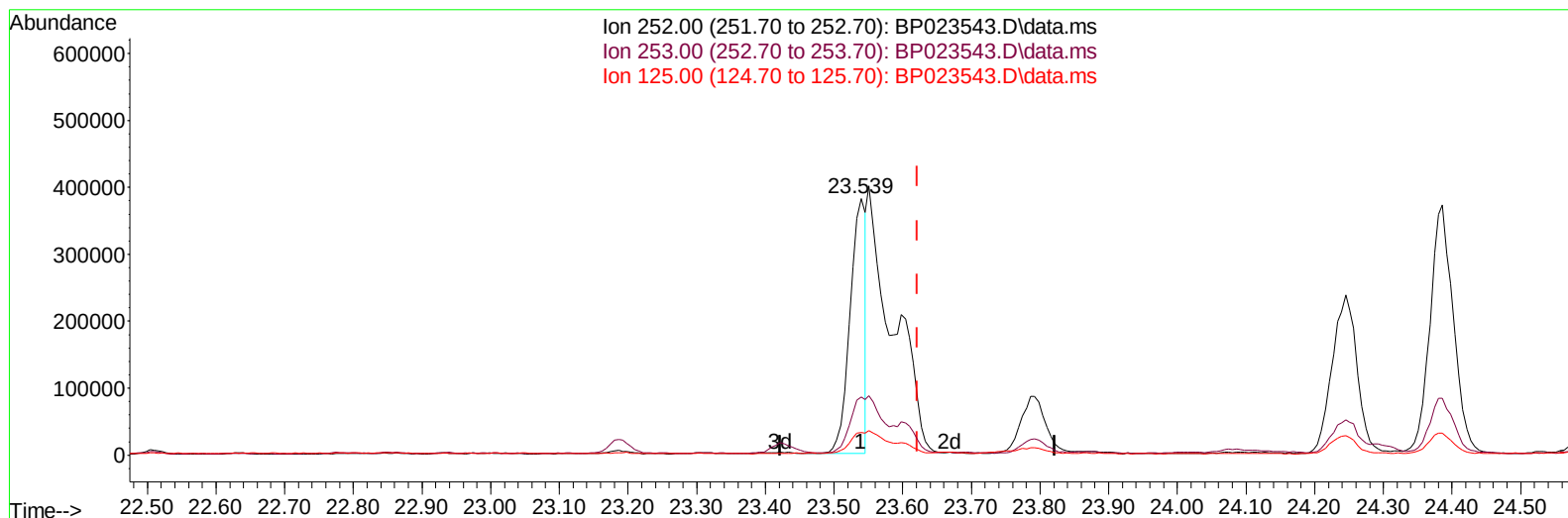
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
Data File : BP023543.D
Acq On : 20 Dec 2024 02:05
Operator : RC/JU
Sample : P5265-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28Y8

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024

Quant Time: Dec 20 03:30:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration



TIC: BP023543.D\data.ms

(91) Benzo(k)fluoranthene

23.539min (-0.082) 4.84 ng/u1

response 611057

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	22.59
125.00	5.40	8.71#
0.00	0.00	0.00

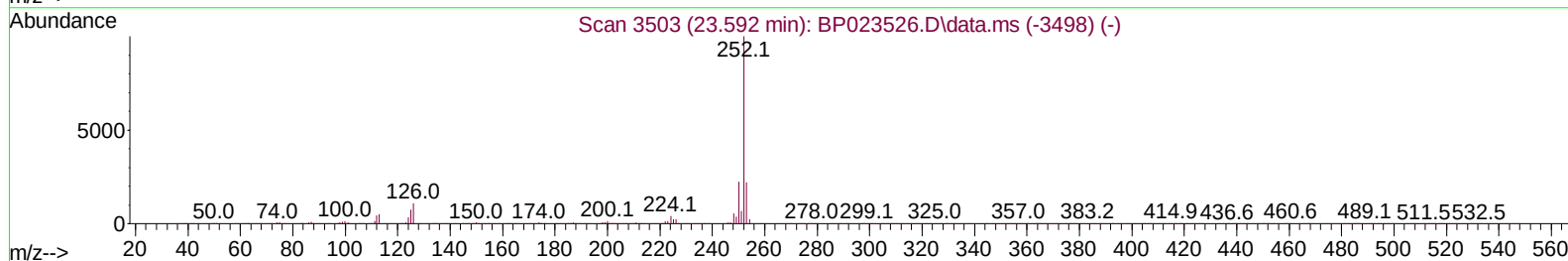
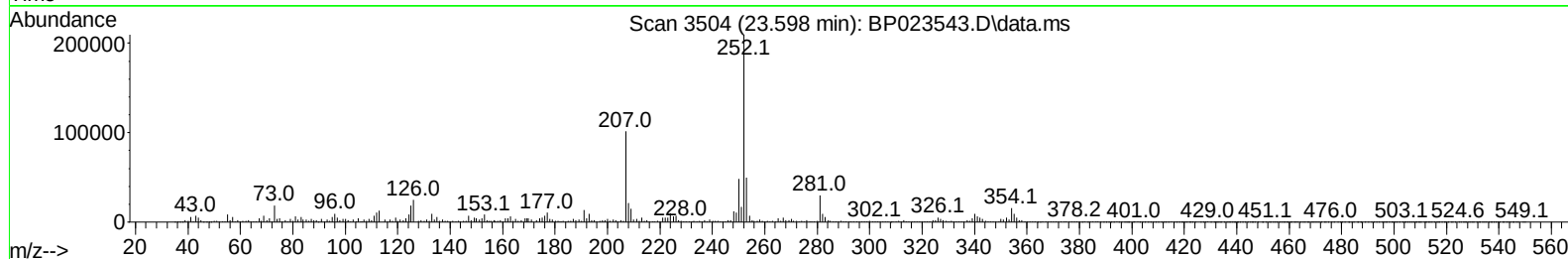
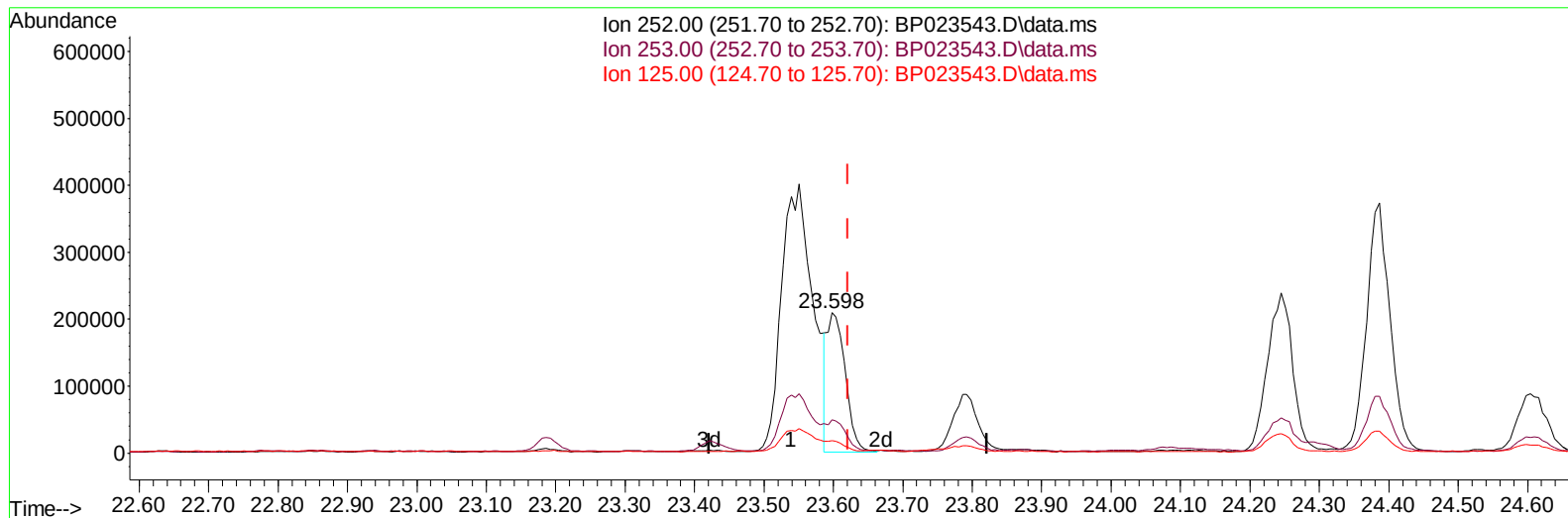
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
Data File : BP023543.D
Acq On : 20 Dec 2024 02:05
Operator : RC/JU
Sample : P5265-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28Y8

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024

Quant Time: Dec 20 03:30:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration



TIC: BP023543.D\data.ms

(91) Benzo(k)fluoranthene

23.598min (-0.023) 2.96 ng/ul m

response 374209

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	23.88
125.00	5.40	8.94#
0.00	0.00	0.00

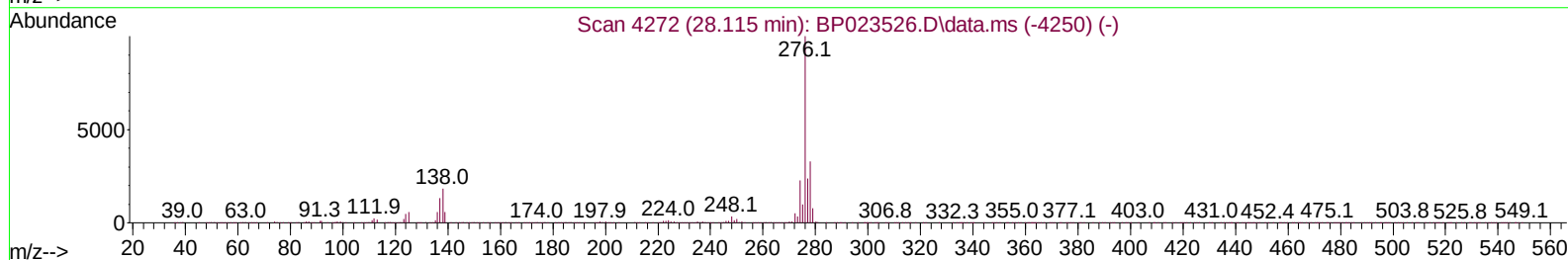
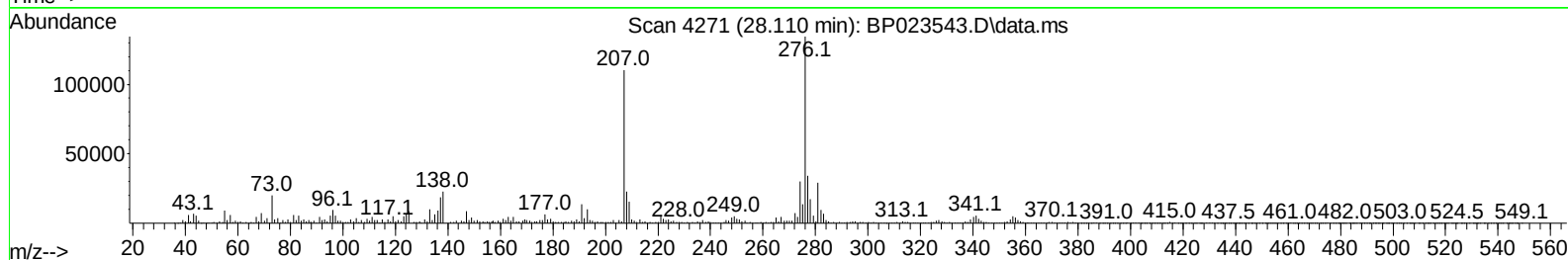
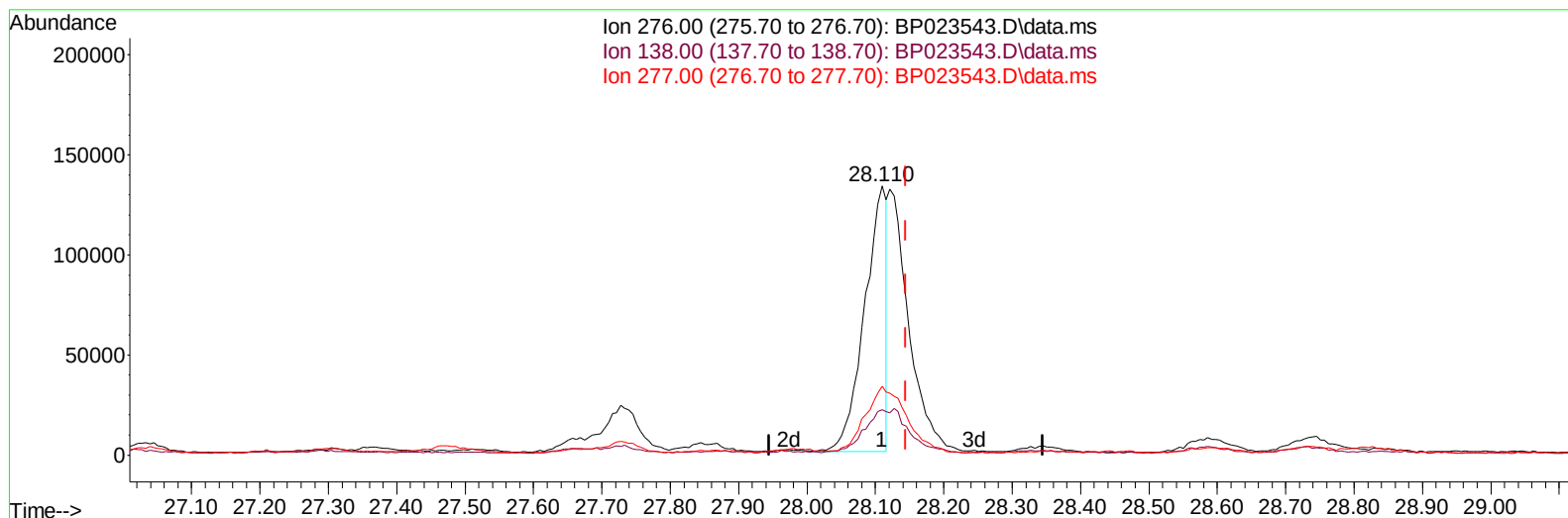
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
Data File : BP023543.D
Acq On : 20 Dec 2024 02:05
Operator : RC/JU
Sample : P5265-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28Y8

Manual IntegrationsAPPROVED

Quant Time: Dec 20 03:30:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024



TIC: BP023543.D\data.ms

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

28.110min (-0.035) 2.01 ng/u1

response 297527

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.70	16.83#
277.00	24.80	25.56
0.00	0.00	0.00

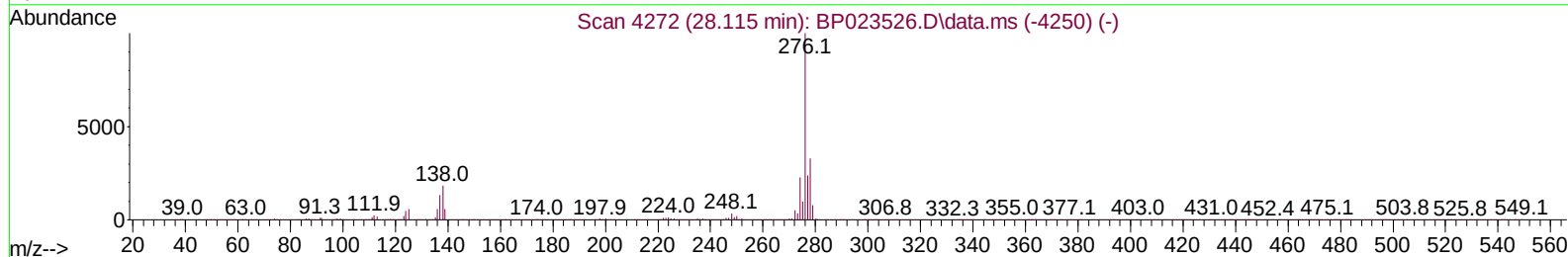
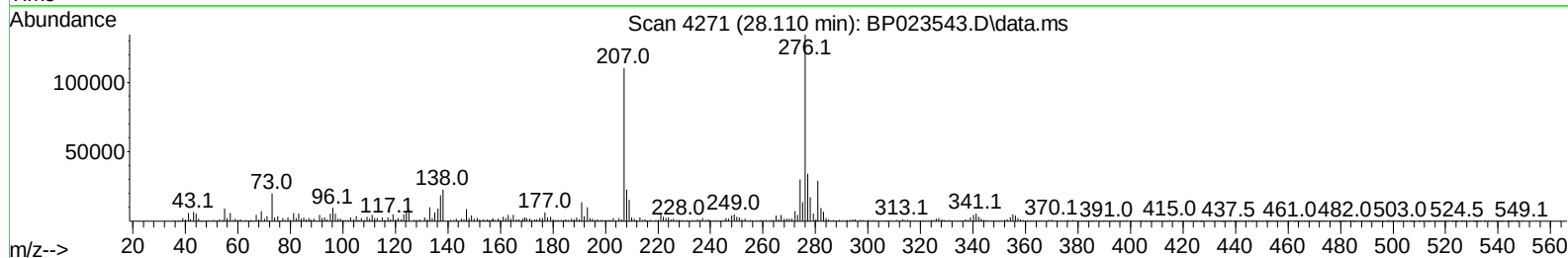
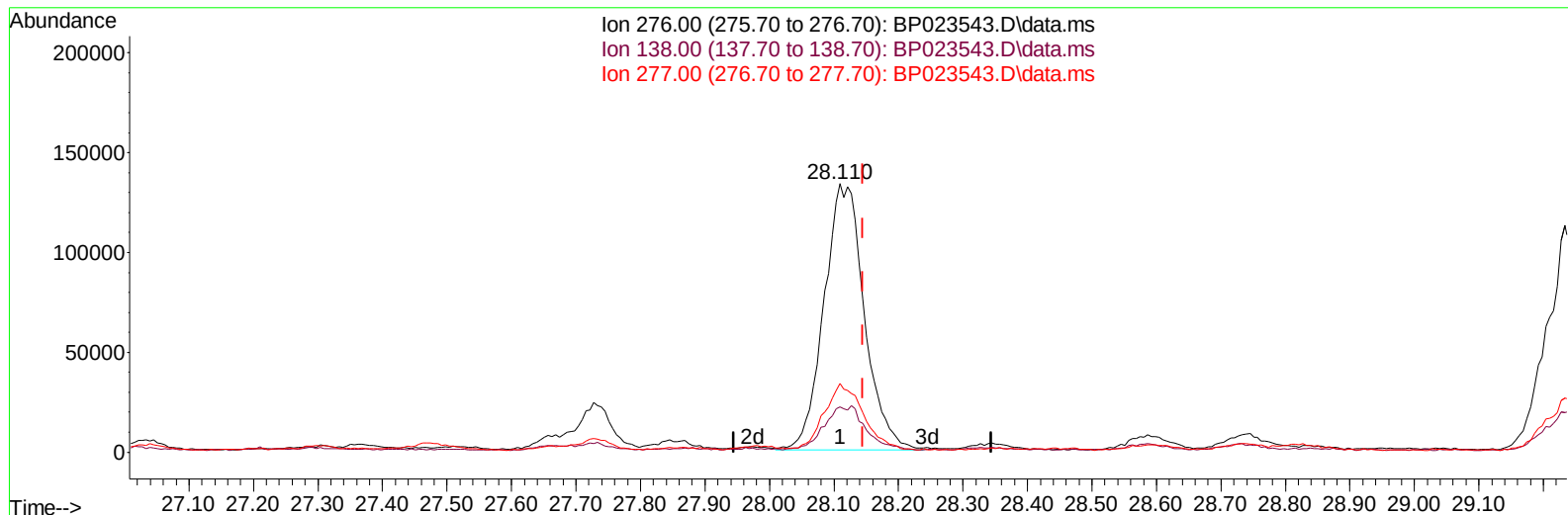
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
Data File : BP023543.D
Acq On : 20 Dec 2024 02:05
Operator : RC/JU
Sample : P5265-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28Y8

Manual IntegrationsAPPROVED

Quant Time: Dec 20 03:30:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024



TIC: BP023543.D\data.ms

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

28.110min (-0.035) 3.89 ng/ul m

response 575486

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.70	16.83#
277.00	24.80	25.56
0.00	0.00	0.00

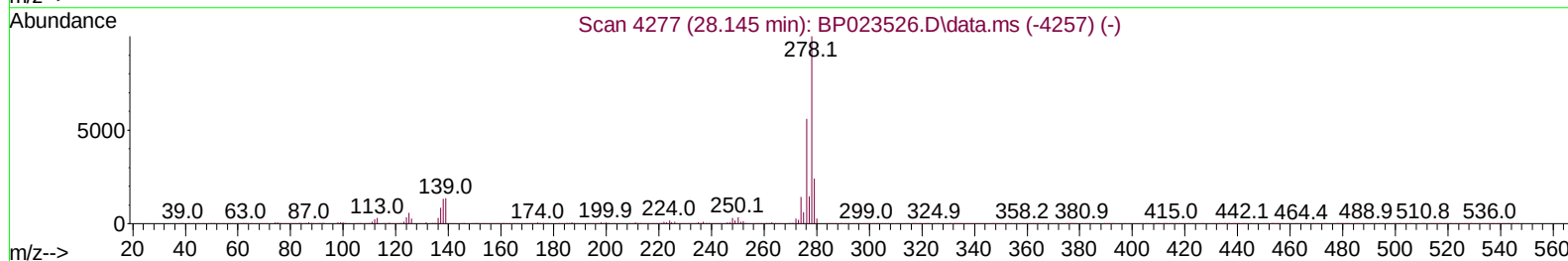
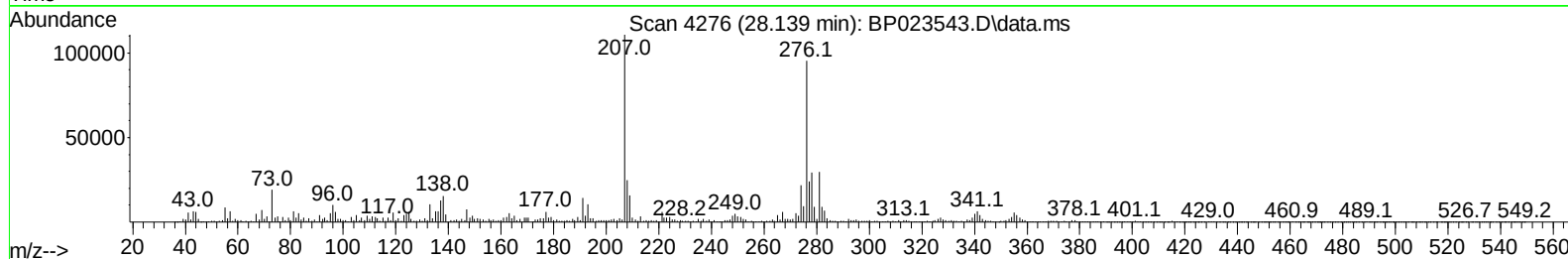
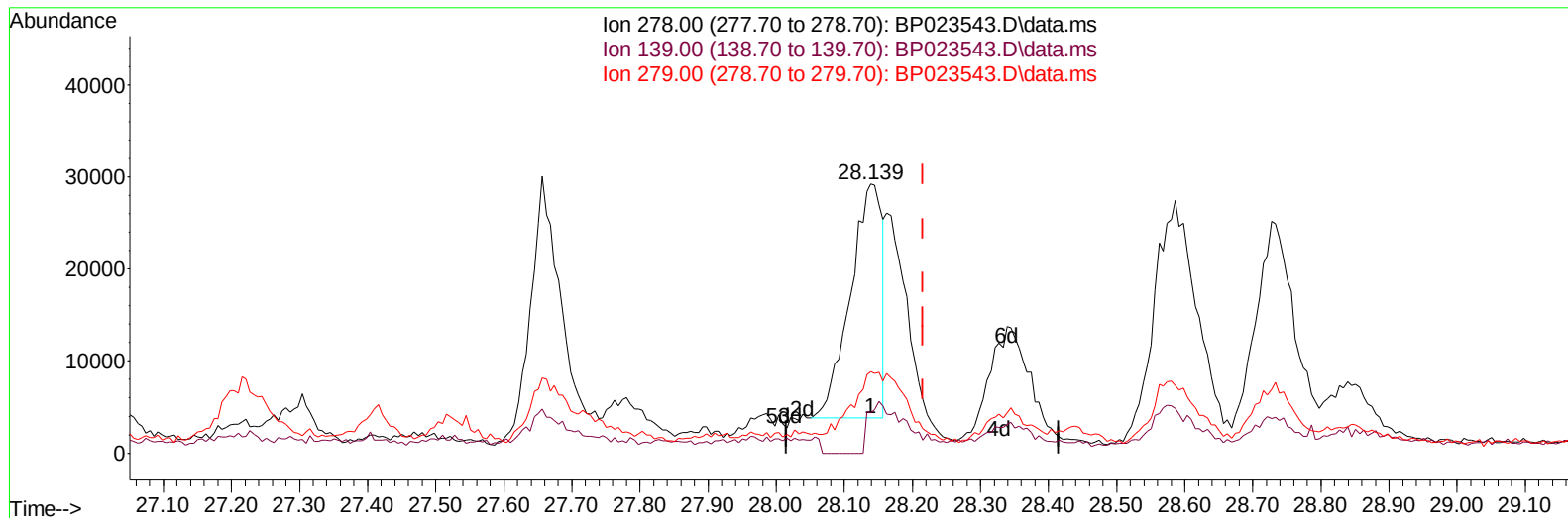
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
Data File : BP023543.D
Acq On : 20 Dec 2024 02:05
Operator : RC/JU
Sample : P5265-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28Y8

Manual IntegrationsAPPROVED

Quant Time: Dec 20 03:30:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
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Reviewed By :Yogesh Patel 12/21/2024
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TIC: BP023543.D\data.ms

(95) Dibenzo(a,h)anthracene

28.139min (-0.076) 0.69 ng/u1

response 81831

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	7.50	14.96#
279.00	24.00	30.38#
0.00	0.00	0.00

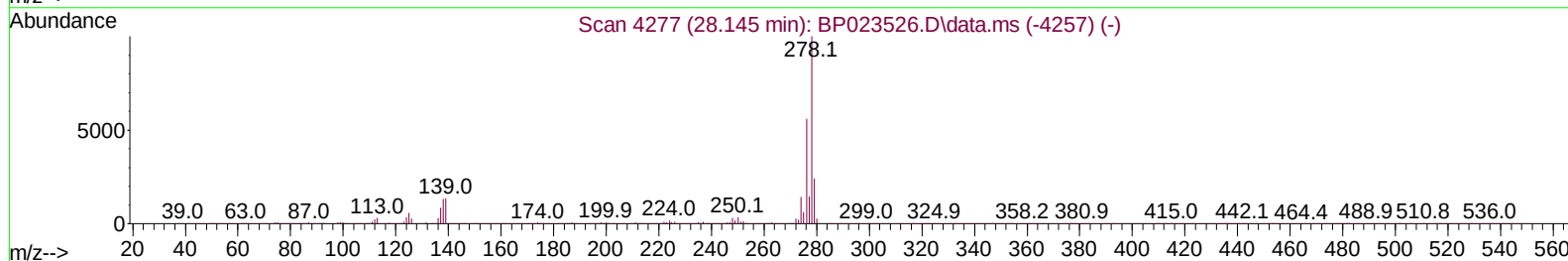
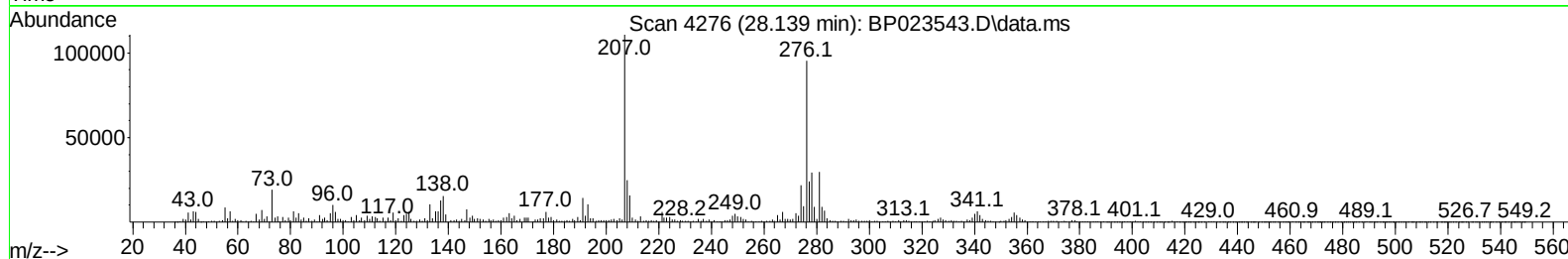
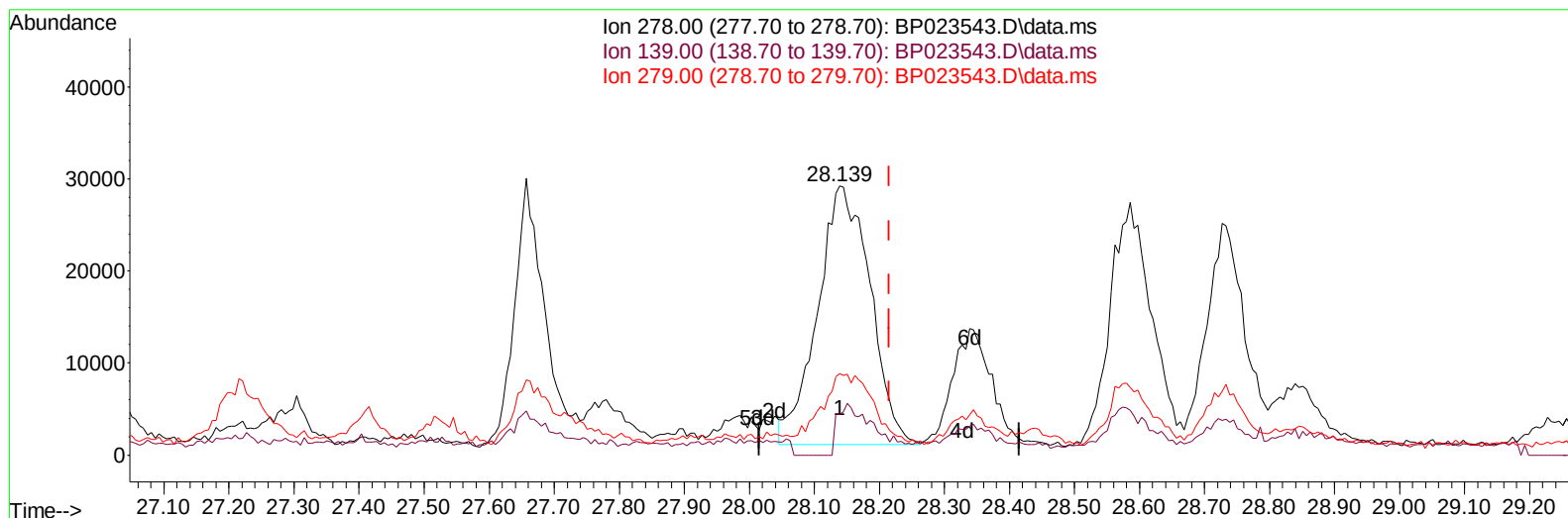
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
 Data File : BP023543.D
 Acq On : 20 Dec 2024 02:05
 Operator : RC/JU
 Sample : P5265-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E28Y8

Manual IntegrationsAPPROVED

Quant Time: Dec 20 03:30:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 00:30:30 2024
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TIC: BP023543.D\data.ms

(95) Dibenzo(a,h)anthracene

28.139min (-0.076) 1.34 ng/ul m

response 158130

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	7.50	14.96#
279.00	24.00	30.38#
0.00	0.00	0.00

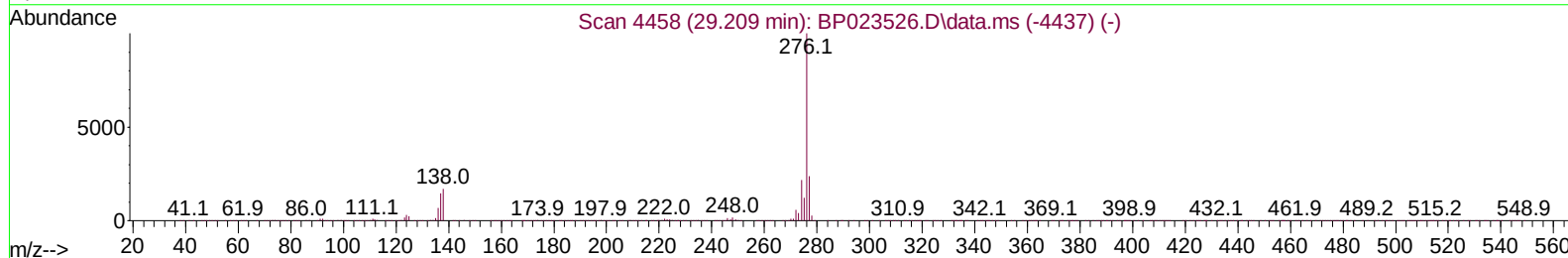
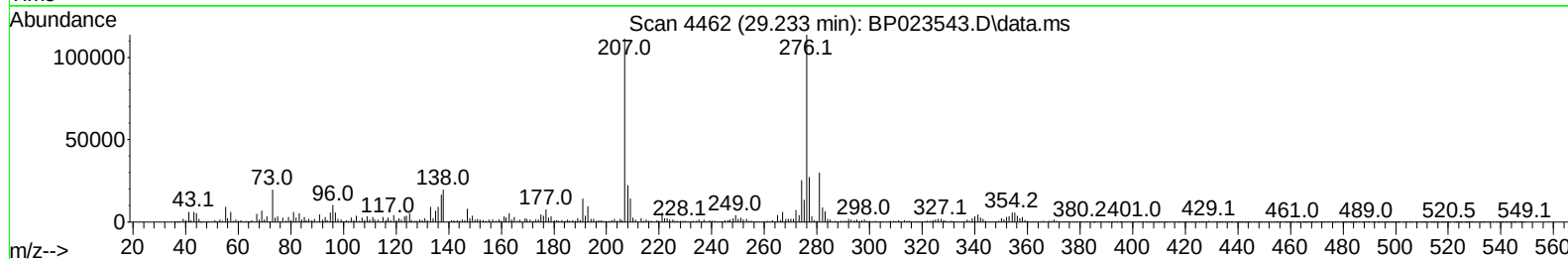
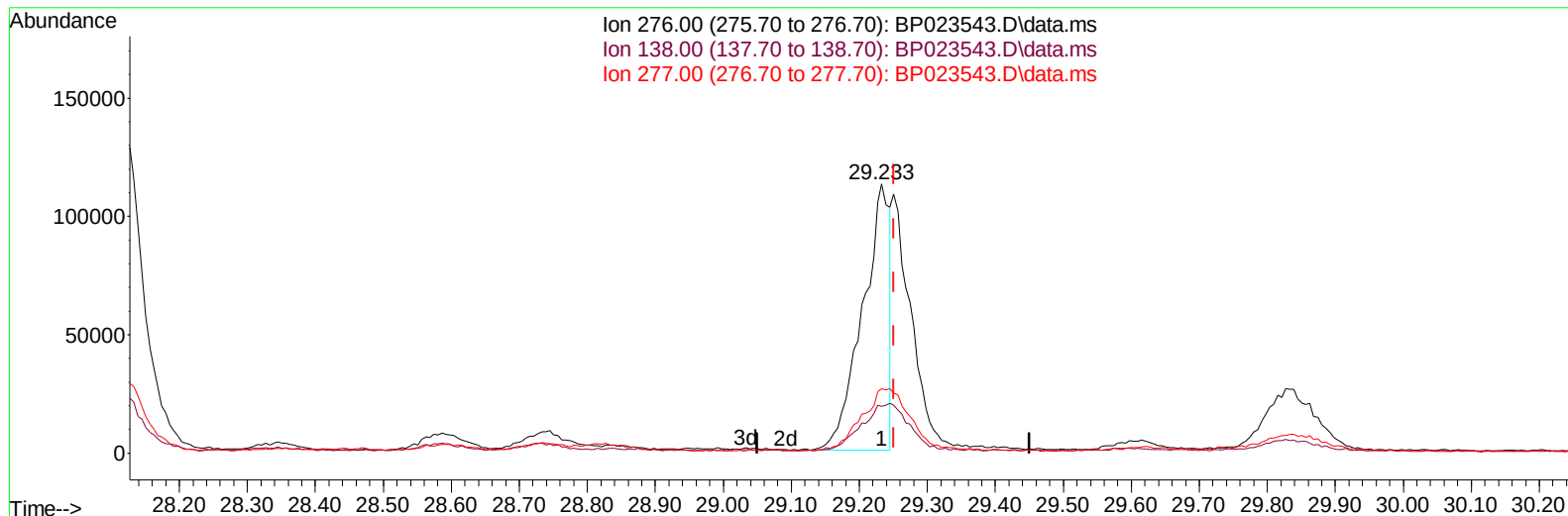
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
Data File : BP023543.D
Acq On : 20 Dec 2024 02:05
Operator : RC/JU
Sample : P5265-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28Y8

Manual IntegrationsAPPROVED

Quant Time: Dec 20 03:30:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024



TIC: BP023543.D\data.ms

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

29.233min (-0.018) 2.77 ng/u1

response 313289

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.60	17.36#
277.00	23.60	23.94
0.00	0.00	0.00

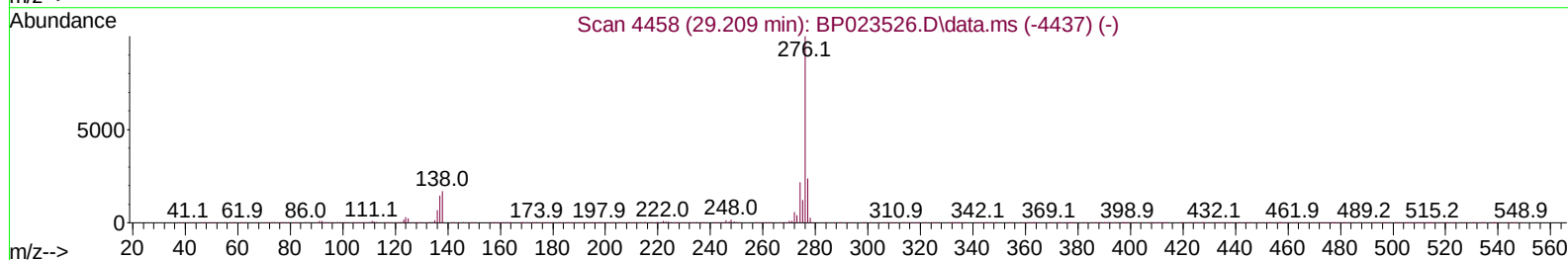
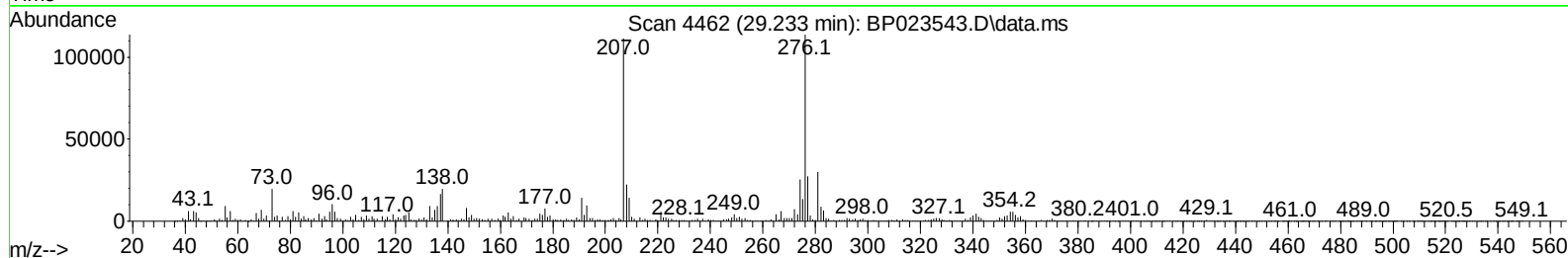
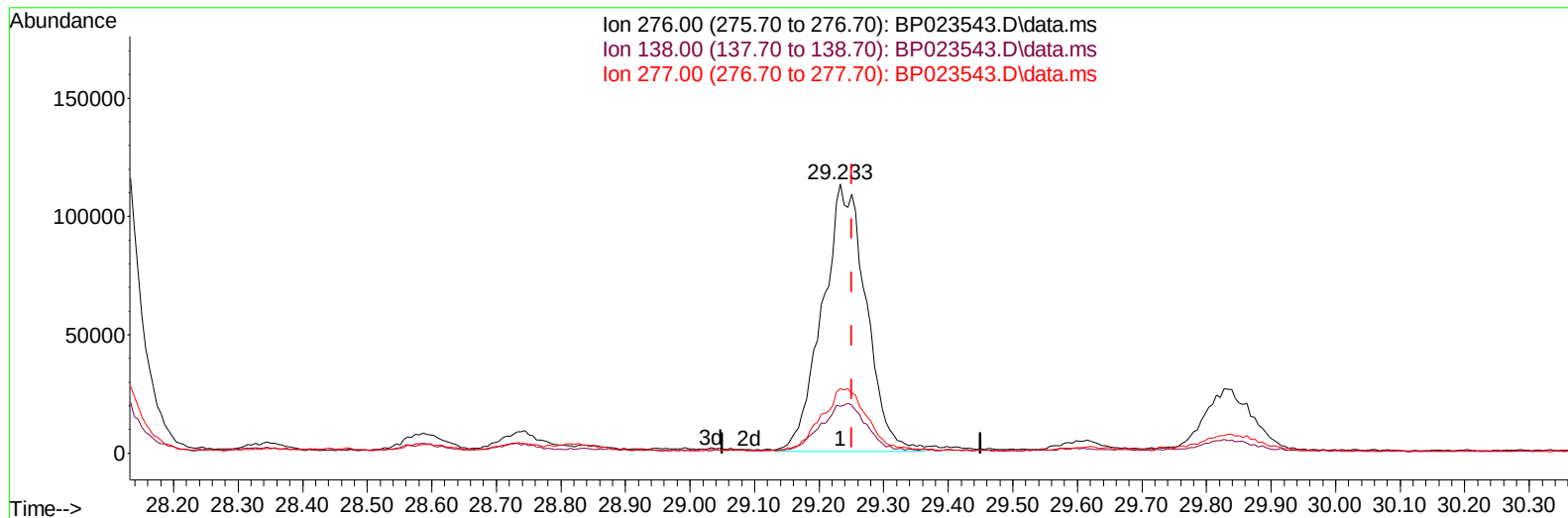
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
Data File : BP023543.D
Acq On : 20 Dec 2024 02:05
Operator : RC/JU
Sample : P5265-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28Y8

Manual IntegrationsAPPROVED

Quant Time: Dec 20 03:30:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024



TIC: BP023543.D\data.ms

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

29.233min (-0.018) 4.71 ng/ul m

response 532840

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.60	17.36#
277.00	23.60	23.94
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
 Data File : BP023543.D
 Acq On : 20 Dec 2024 02:05
 Operator : RC/JU
 Sample : P5265-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E28Y8

Manual IntegrationsAPPROVED

Quant Time: Dec 20 03:34:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 00:30:30 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/21/2024
 Supervised By :mohammad ahmed 12/21/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.522	152	315243	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.258	136	1239718	20.000	ng/ul	#-0.02
38) Acenaphthene-d10	14.134	164	890962	20.000	ng/ul	-0.01
64) Phenanthrene-d10	16.945	188	1951088	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.375	240	1879819	20.000	ng/ul	#-0.01
88) Perylene-d12	24.533	264	2019364	20.000	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.093	96	29377	3.431	ng/uL	-0.01
4) Pyridine-d5	3.505	84	479563	21.780	ng/ul	-0.01
7) Phenol-d5	6.740	99	674292	27.261	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.875	67	411112	26.344	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.069	132	472702	25.893	ng/ul	-0.02
15) 4-Methylphenol-d8	8.240	113	519390	26.017	ng/ul	-0.02
21) Nitrobenzene-d5	8.664	128	242688	26.215	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.375	143	291215	27.295	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	9.916	165	573521	25.469	ng/ul	-0.02
31) 4-Chloroaniline-d4	10.416	131	577470	22.892	ng/ul	-0.02
46) Dimethylphthalate-d6	13.540	166	1885867	27.266	ng/ul	-0.02
49) Acenaphthylene-d8	13.816	160	1903577	26.093	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.434	143	257382m	30.367	ng/ul	0.02
60) Fluorene-d10	15.151	176	1401546	23.038	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.310	200	130713	11.085	ng/ul	0.00
73) Anthracene-d10	17.040	188	2268445	25.475	ng/ul	-0.01
81) Pyrene-d10	19.428	212	2253324	22.943	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.316	264	1864497	17.248	ng/ul	-0.03
Target Compounds						
					Qvalue	
8) Phenol	6.764	94	60483	2.349	ng/ul	93
47) Dimethylphthalate	13.587	163	77452	1.137	ng/ul	97
50) Acenaphthylene	13.852	152	250341	3.370	ng/ul	99
72) Phenanthrene	16.981	178	324338	3.215	ng/ul	99
74) Anthracene	17.075	178	198887	1.972	ng/ul	98
80) Fluoranthene	19.081	202	1803128	16.022	ng/ul#	93
82) Pyrene	19.463	202	1676819	14.041	ng/ul#	92
85) Benzo(a)anthracene	21.351	228	1016560	8.064	ng/ul	95
87) Chrysene	21.416	228	920448	7.620	ng/ul	97
90) Benzo(b)fluoranthene	23.551	252	1251443m	9.864	ng/ul	
91) Benzo(k)fluoranthene	23.598	252	374209m	2.964	ng/ul	
93) Benzo(a)pyrene	24.386	252	873179	7.590	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.110	276	575486m	3.893	ng/ul	
95) Dibenzo(a,h)anthracene	28.139	278	158130m	1.337	ng/ul	
96) Benzo(g,h,i)perylene	29.233	276	532840m	4.708	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
Data File : BP023543.D
Acq On : 20 Dec 2024 02:05
Operator : RC/JU
Sample : P5265-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28Y8

Manual IntegrationsAPPROVED

Quant Time: Dec 20 03:34:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024

