

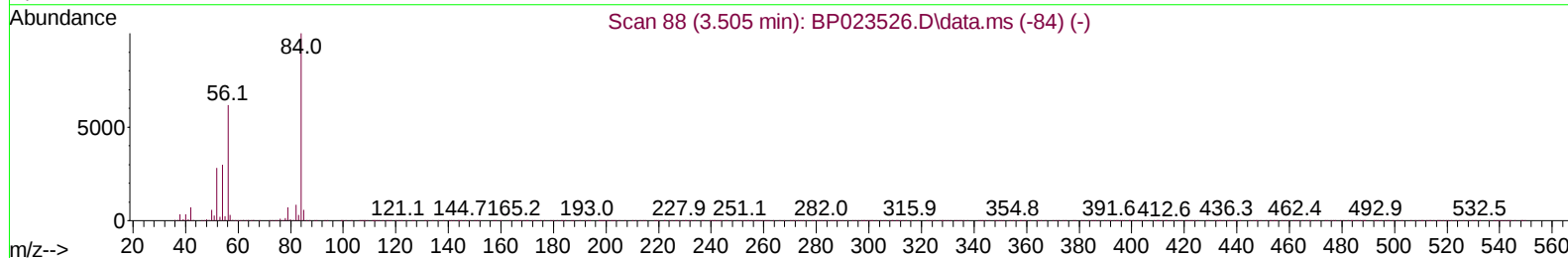
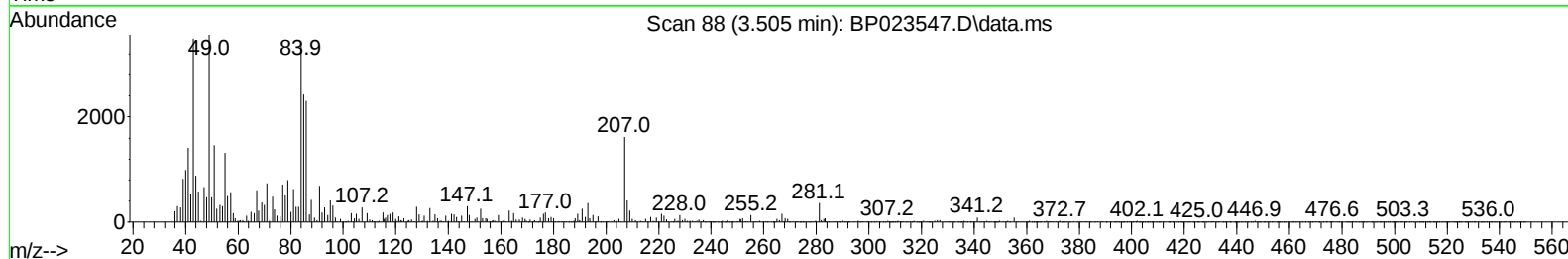
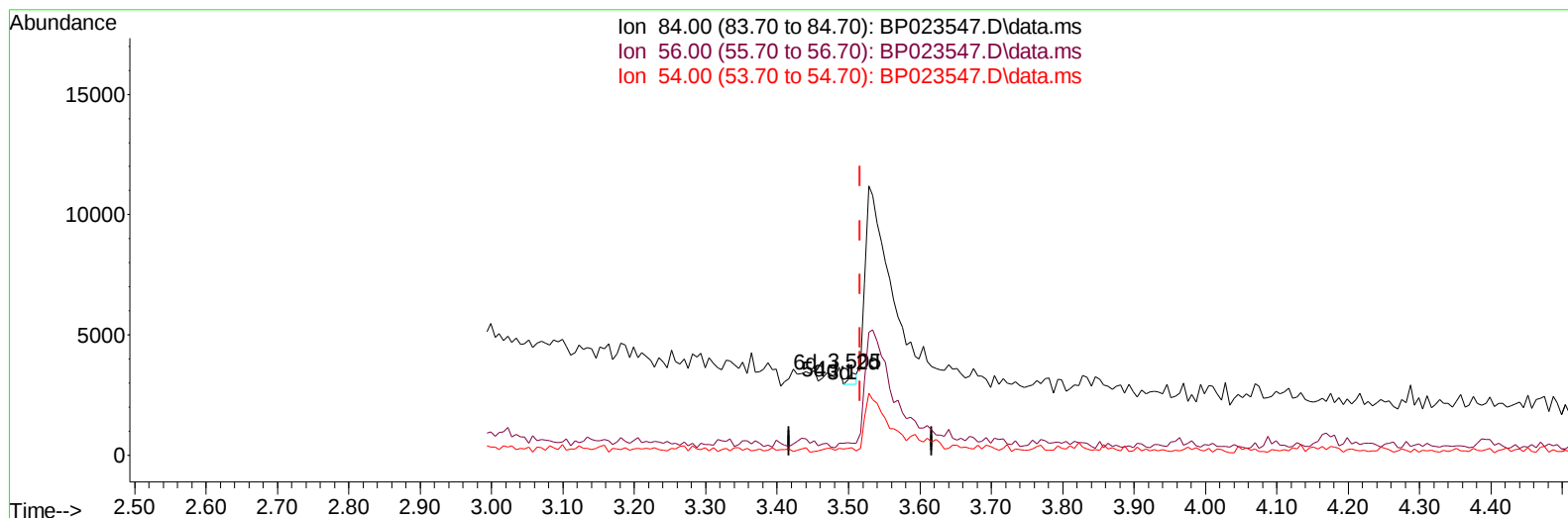
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
Data File : BP023547.D
Acq On : 20 Dec 2024 04:47
Operator : RC/JU
Sample : P5265-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28Z6

Manual IntegrationsAPPROVED

Quant Time: Dec 20 05:19:37 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: BP023547.D\data.ms

(4) Pyridine-d5 (S)

3.505min (-0.012) 0.02 ng/u1

response 379

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	62.80	14.40#
54.00	34.40	8.71#
0.00	0.00	0.00

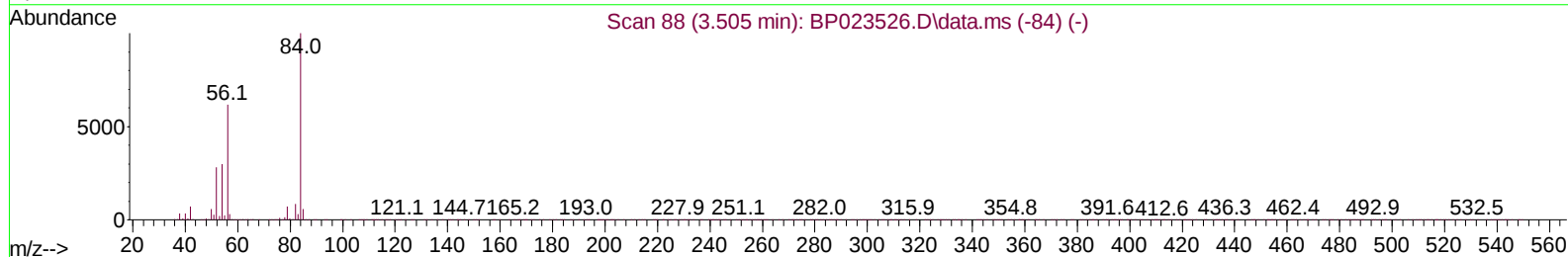
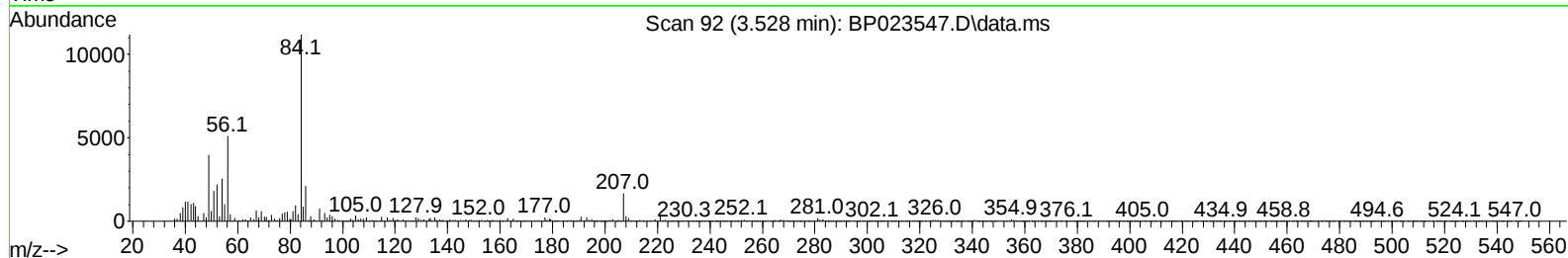
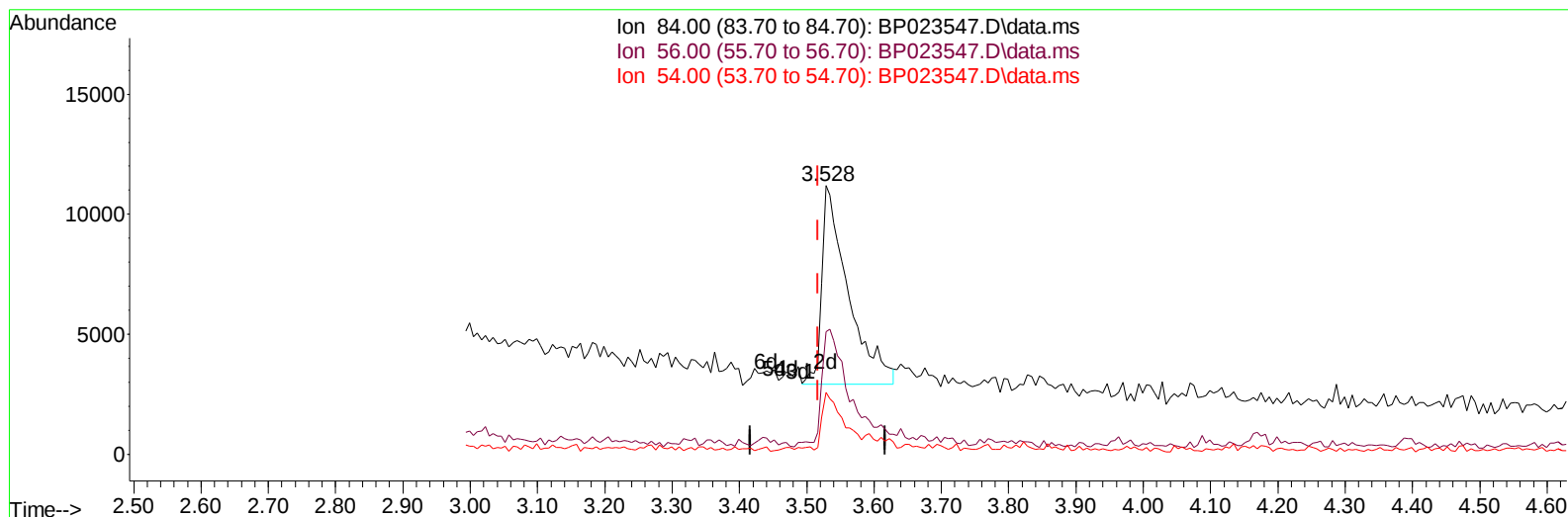
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
Data File : BP023547.D
Acq On : 20 Dec 2024 04:47
Operator : RC/JU
Sample : P5265-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28Z6

Manual IntegrationsAPPROVED

Quant Time: Dec 20 05:19:37 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: BP023547.D\data.ms

(4) Pyridine-d5 (S)

3.528min (+ 0.012) 1.19 ng/u1 m

response 22488

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	62.80	45.69#
54.00	34.40	22.89#
0.00	0.00	0.00

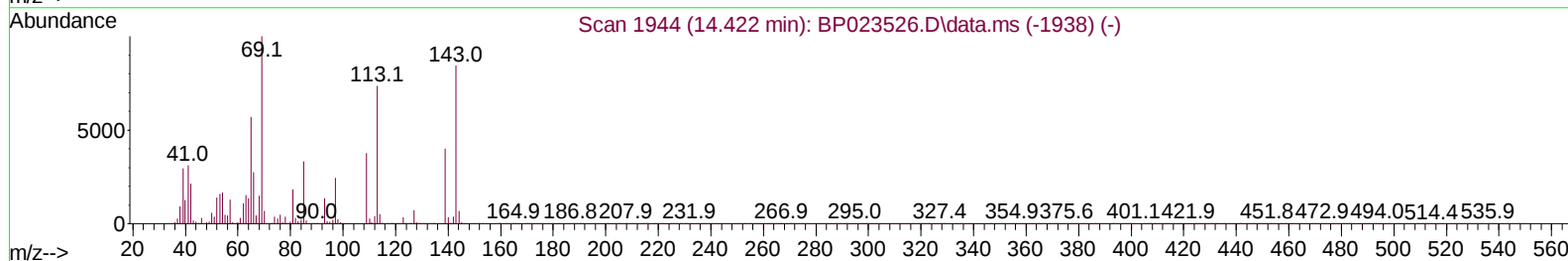
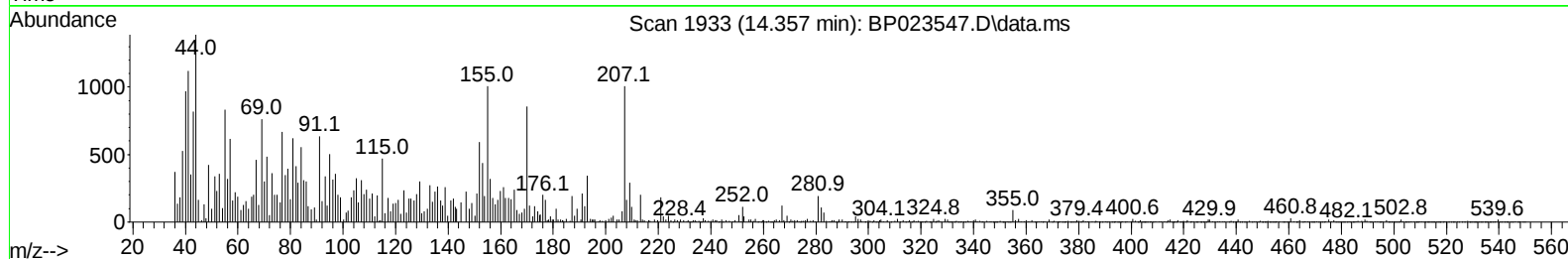
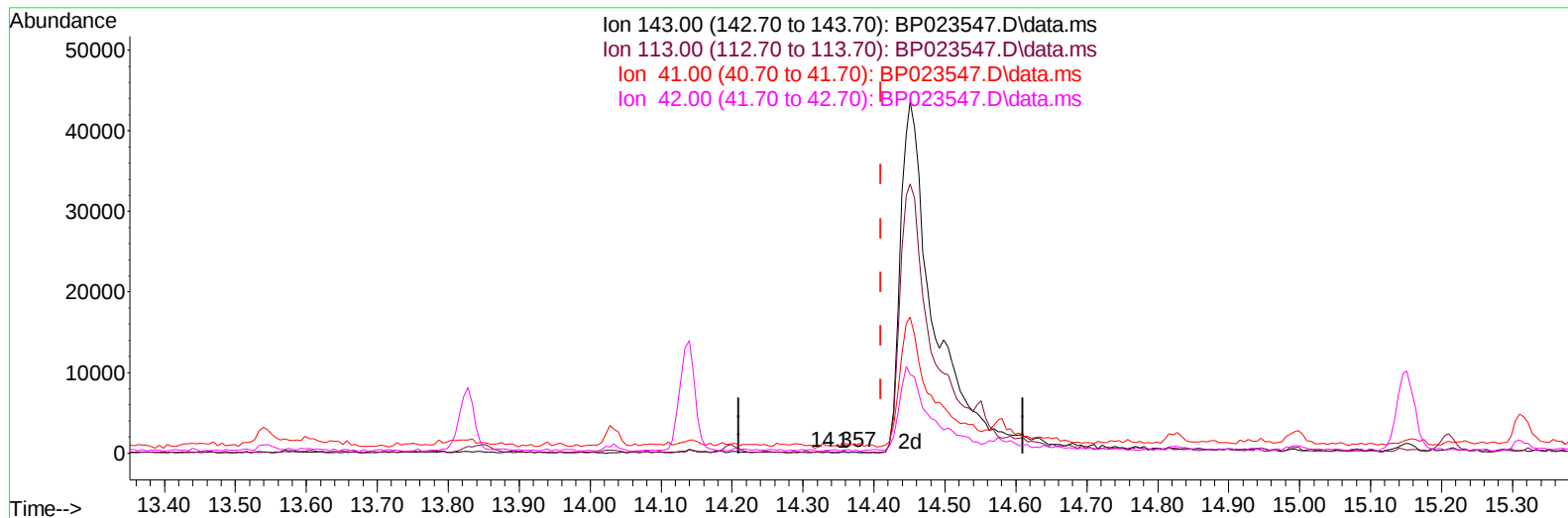
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
Data File : BP023547.D
Acq On : 20 Dec 2024 04:47
Operator : RC/JU
Sample : P5265-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28Z6

Manual IntegrationsAPPROVED

Quant Time: Dec 20 05:19:37 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: BP023547.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.357min (-0.053) 0.01 ng/u1

response 119

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	106.10	97.63
41.00	45.60	529.38#
42.00	31.70	166.35#

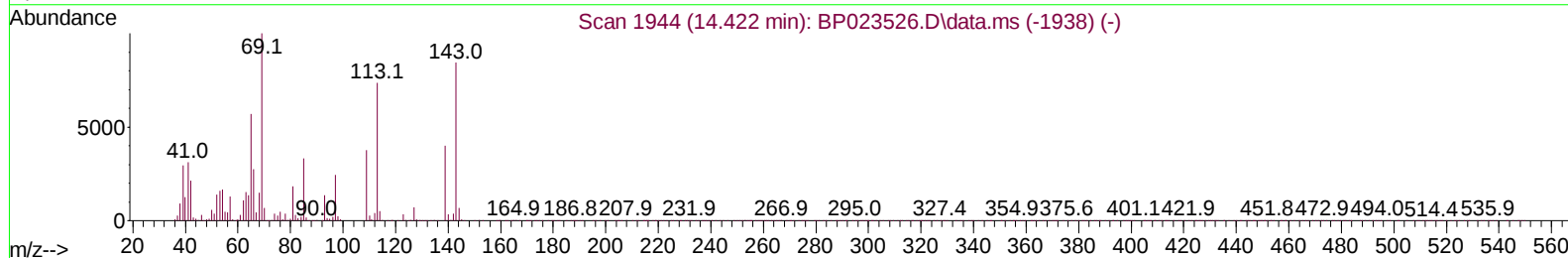
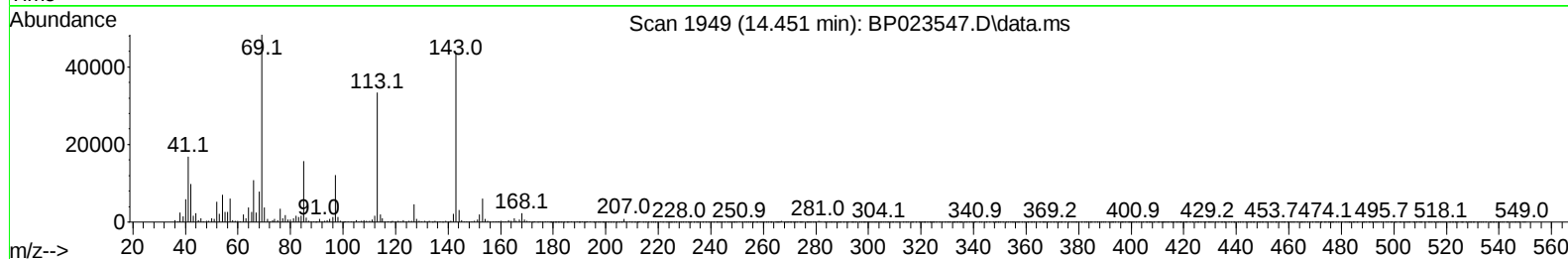
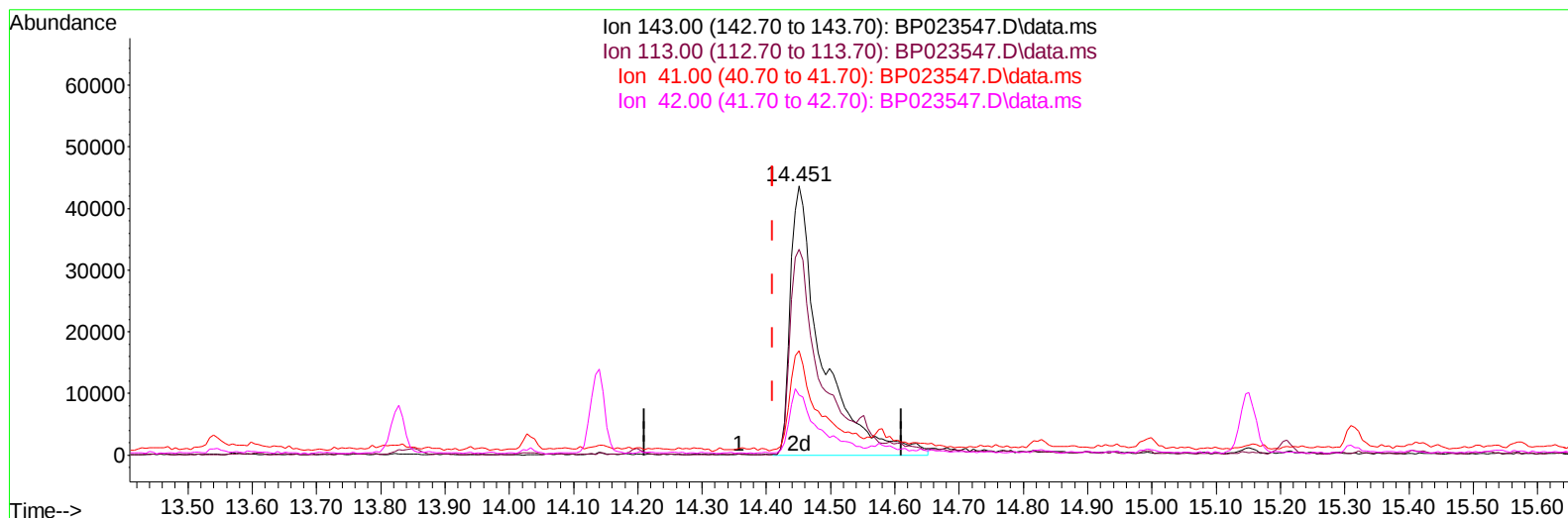
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
Data File : BP023547.D
Acq On : 20 Dec 2024 04:47
Operator : RC/JU
Sample : P5265-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28Z6

Manual IntegrationsAPPROVED

Quant Time: Dec 20 05:19:37 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: BP023547.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.451min (+ 0.041) 18.51 ng/ul m

response 149332

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	106.10	76.53#
41.00	45.60	38.69
42.00	31.70	22.41#

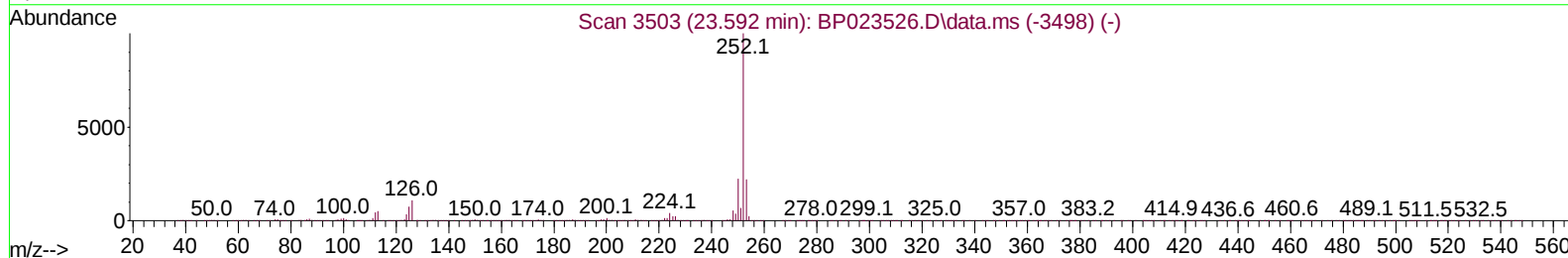
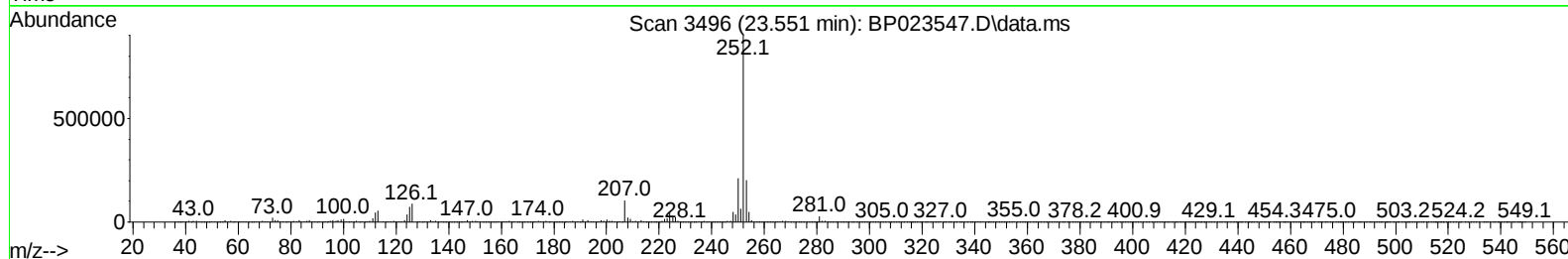
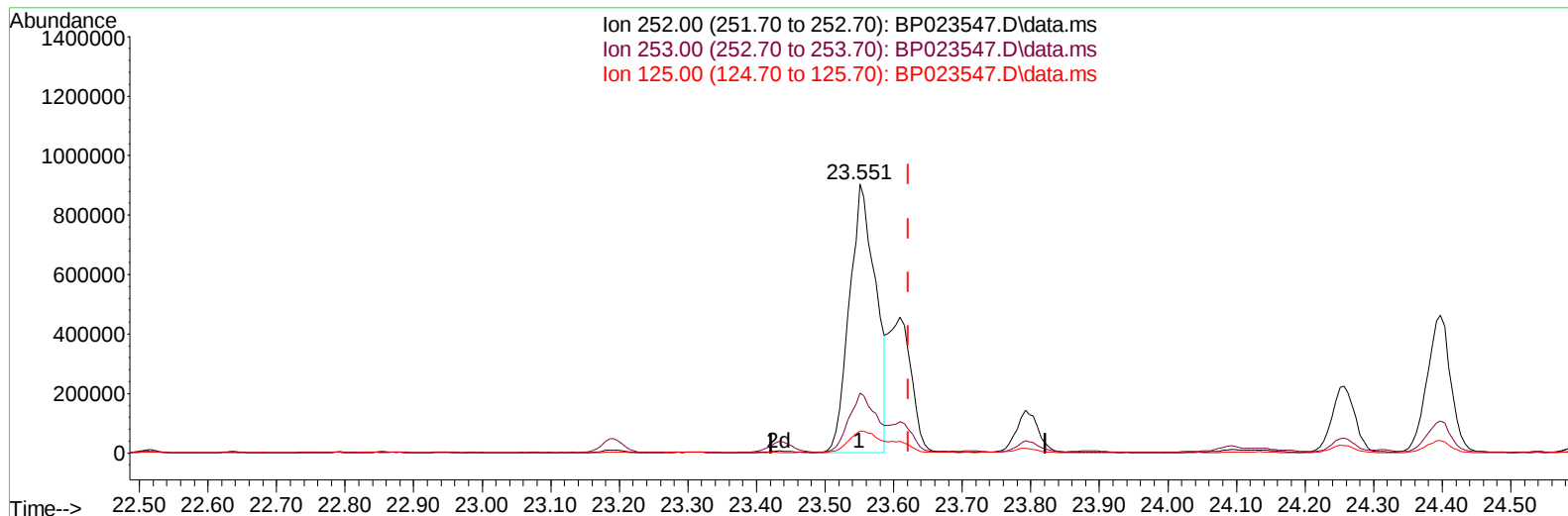
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
Data File : BP023547.D
Acq On : 20 Dec 2024 04:47
Operator : RC/JU
Sample : P5265-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28Z6

Manual IntegrationsAPPROVED

Quant Time: Dec 20 05:19:37 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: BP023547.D\data.ms

(91) Benzo(k)fluoranthene

23.551min (-0.071) 18.84 ng/u1

response 2412659

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	22.39
125.00	5.40	8.10#
0.00	0.00	0.00

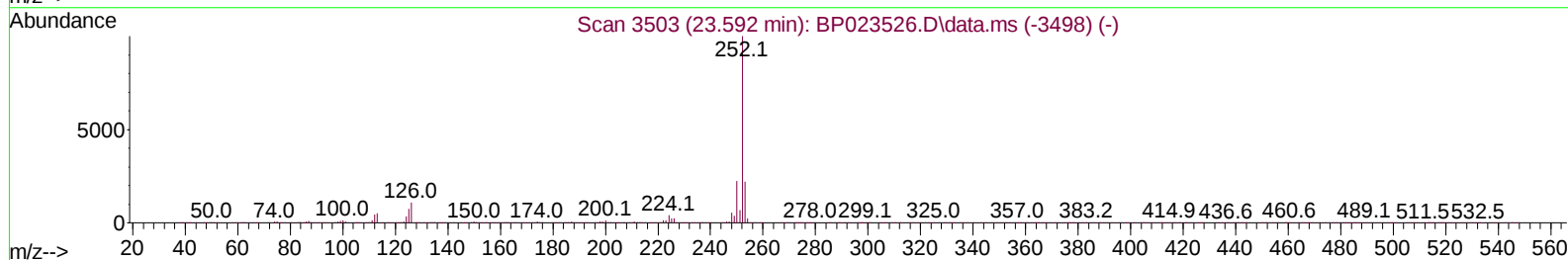
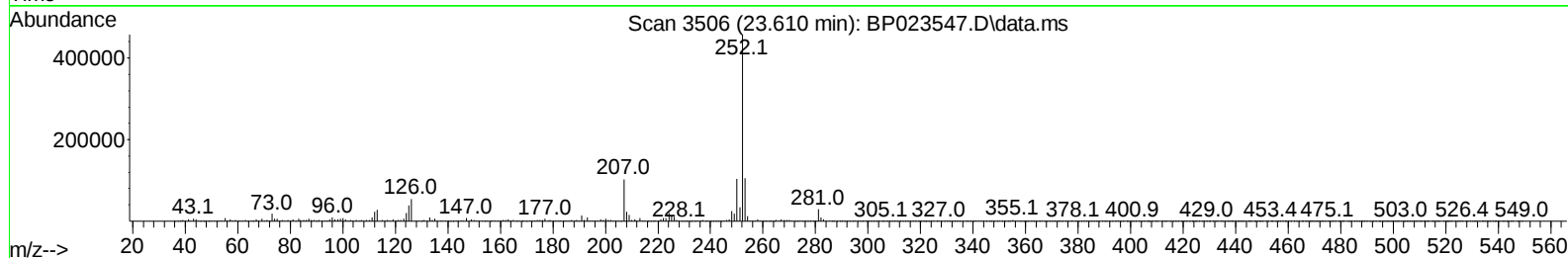
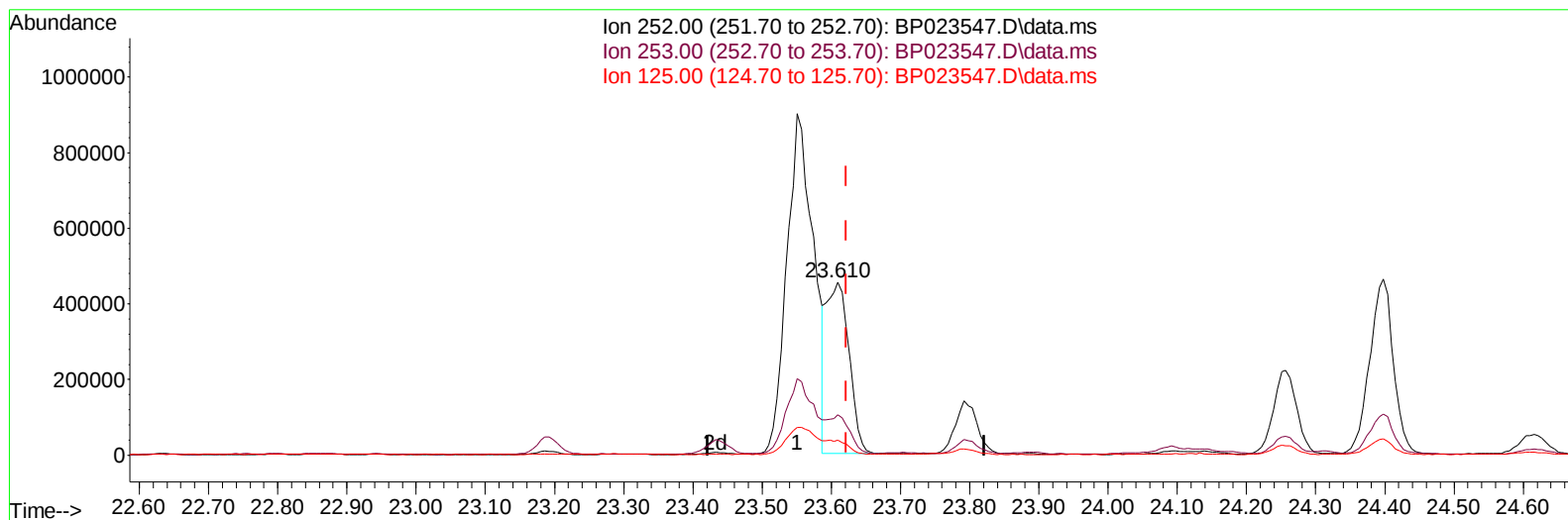
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
Data File : BP023547.D
Acq On : 20 Dec 2024 04:47
Operator : RC/JU
Sample : P5265-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28Z6

Manual IntegrationsAPPROVED

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

Quant Time: Dec 20 05:19:37 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: BP023547.D\data.ms

(91) Benzo(k)fluoranthene

23.610min (-0.012) 8.11 ng/u1 m

response 1038897

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	23.18
125.00	5.40	8.58#
0.00	0.00	0.00

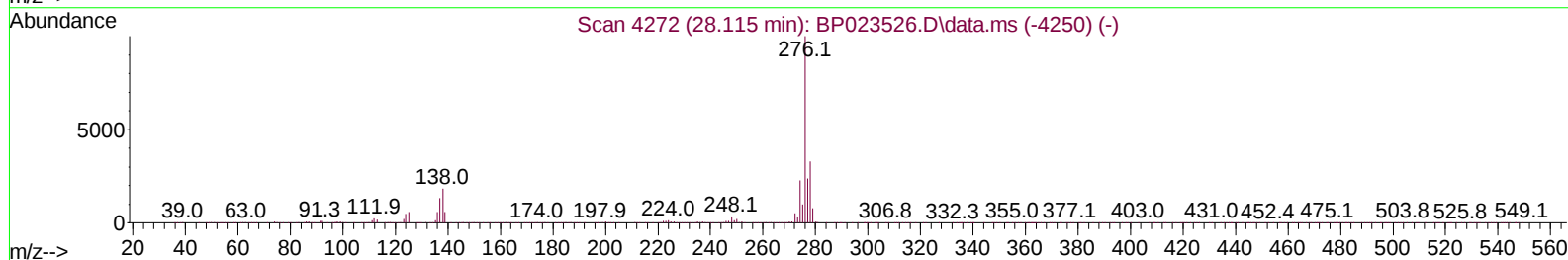
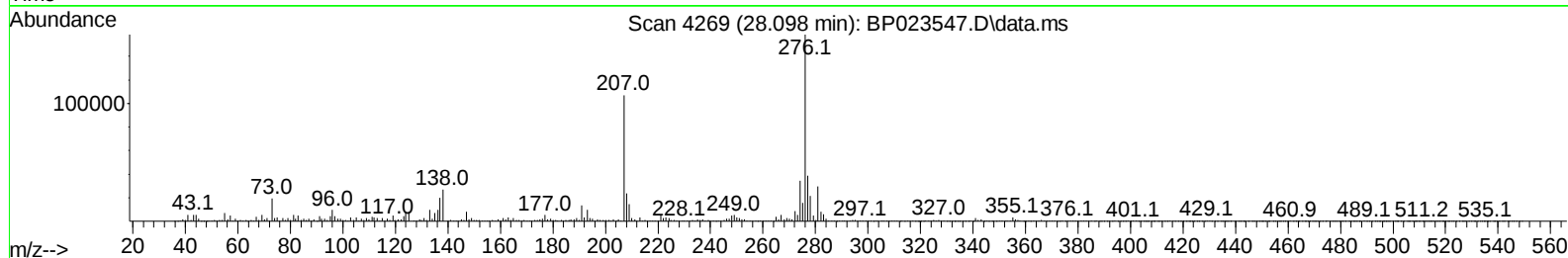
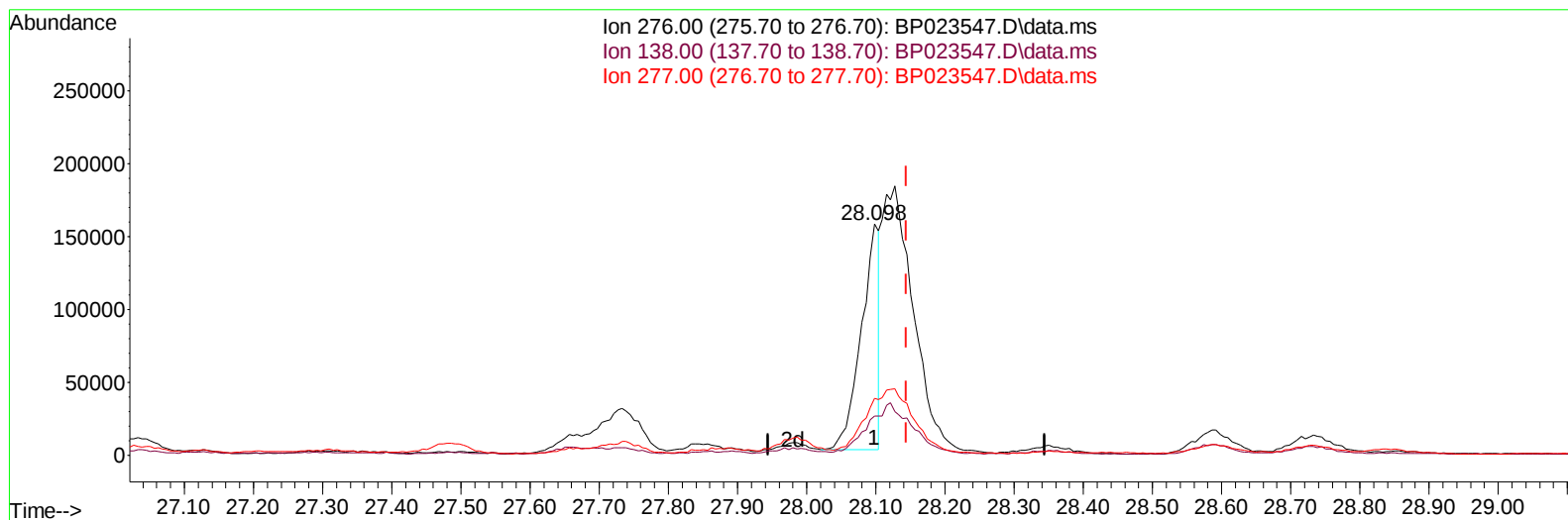
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
 Data File : BP023547.D
 Acq On : 20 Dec 2024 04:47
 Operator : RC/JU
 Sample : P5265-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E28Z6

Manual IntegrationsAPPROVED

Quant Time: Dec 20 05:19:37 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: BP023547.D\data.ms

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

28.098min (-0.047) 1.88 ng/ul

response 282595

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.70	16.98#
277.00	24.80	24.57
0.00	0.00	0.00

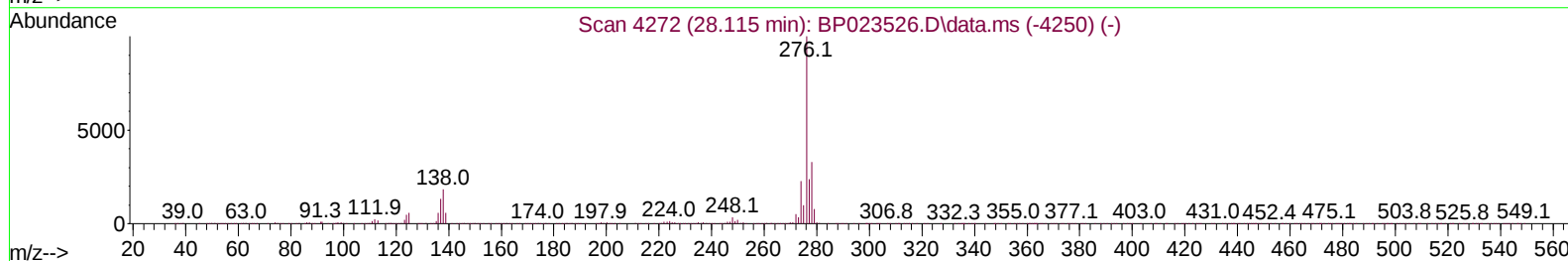
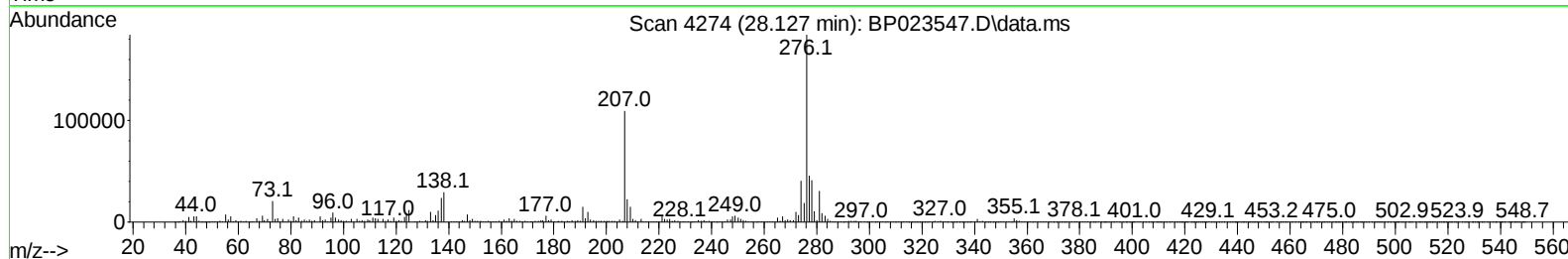
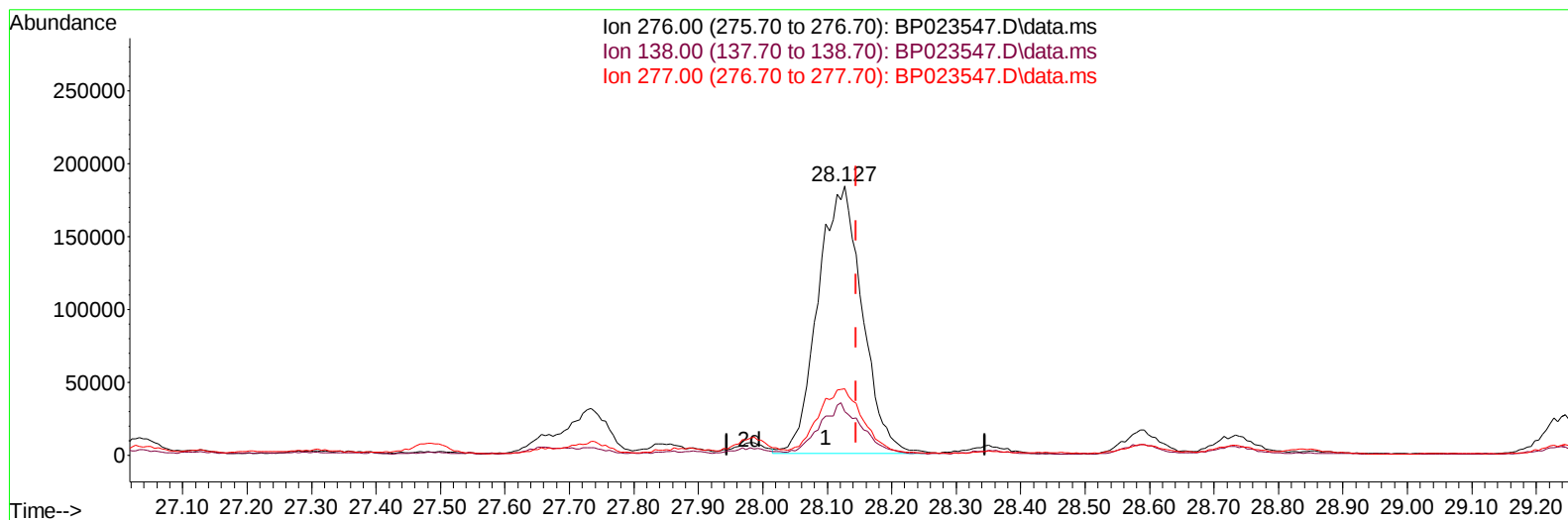
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
Data File : BP023547.D
Acq On : 20 Dec 2024 04:47
Operator : RC/JU
Sample : P5265-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28Z6

Manual IntegrationsAPPROVED

Quant Time: Dec 20 05:19:37 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: BP023547.D\data.ms

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

28.127min (-0.018) 5.80 ng/u1 m

response 870338

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.70	16.11#
277.00	24.80	24.67
0.00	0.00	0.00

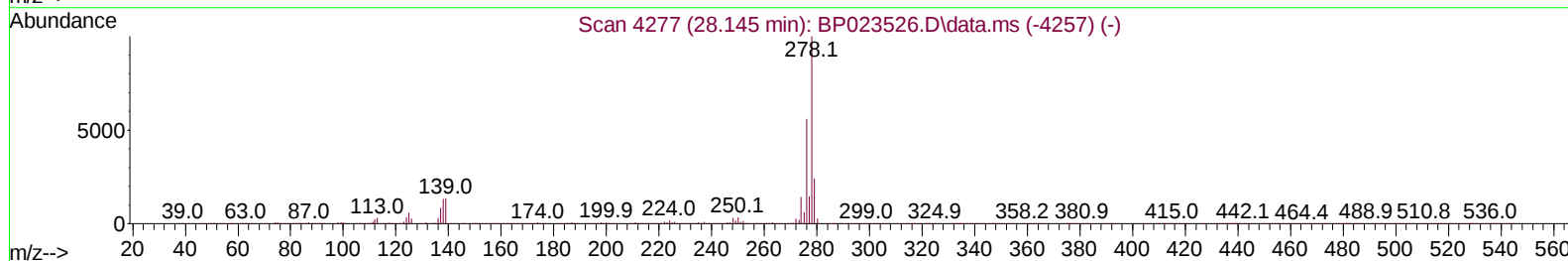
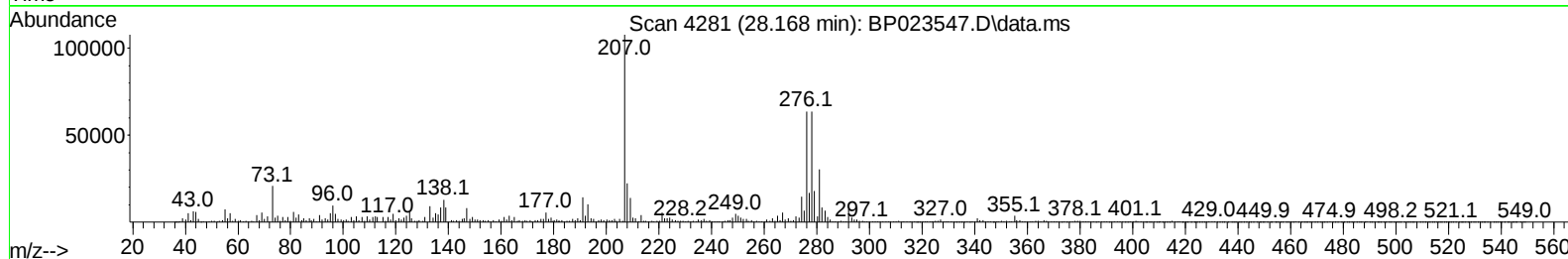
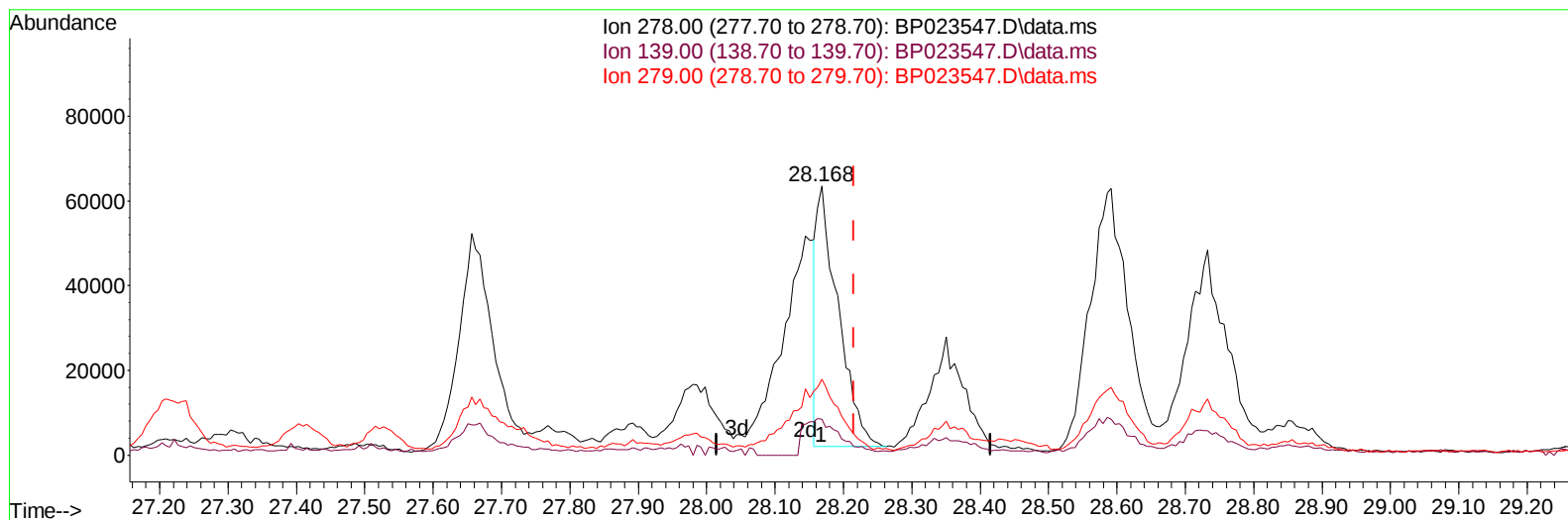
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
Data File : BP023547.D
Acq On : 20 Dec 2024 04:47
Operator : RC/JU
Sample : P5265-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28Z6

Manual IntegrationsAPPROVED

Quant Time: Dec 20 05:19:37 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: BP023547.D\data.ms

(95) Dibenzo(a,h)anthracene

28.168min (-0.047) 1.12 ng/u1

response 134474

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	7.50	13.26#
279.00	24.00	28.10
0.00	0.00	0.00

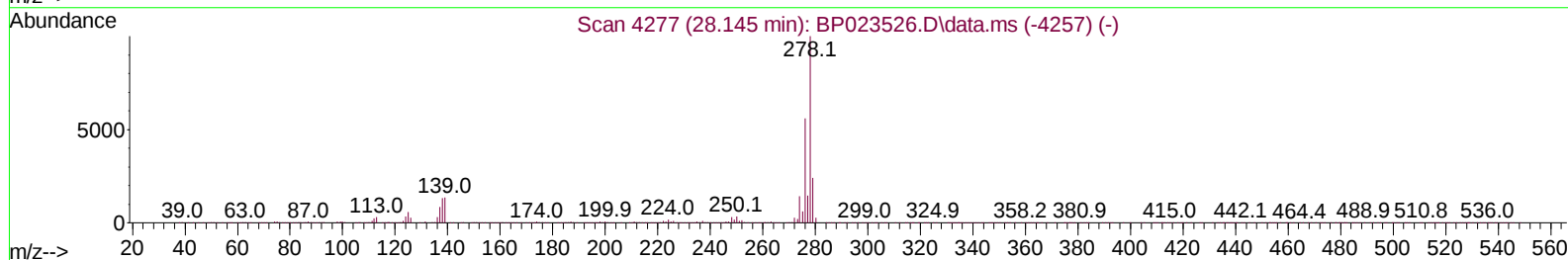
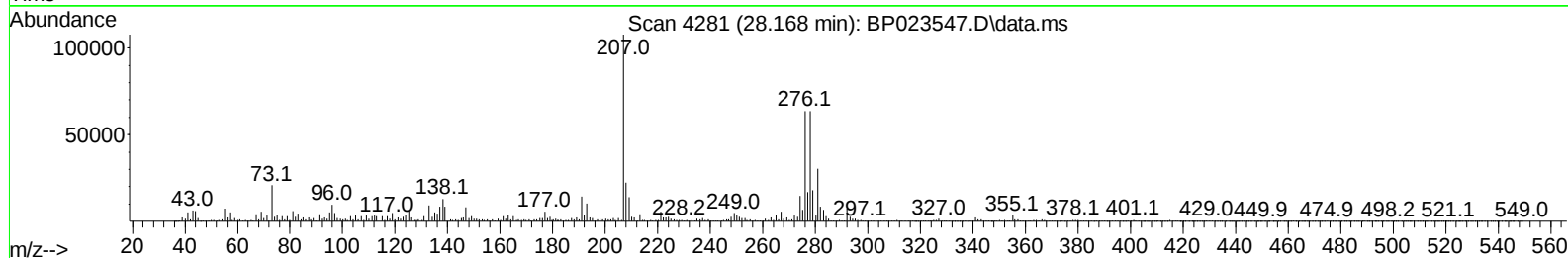
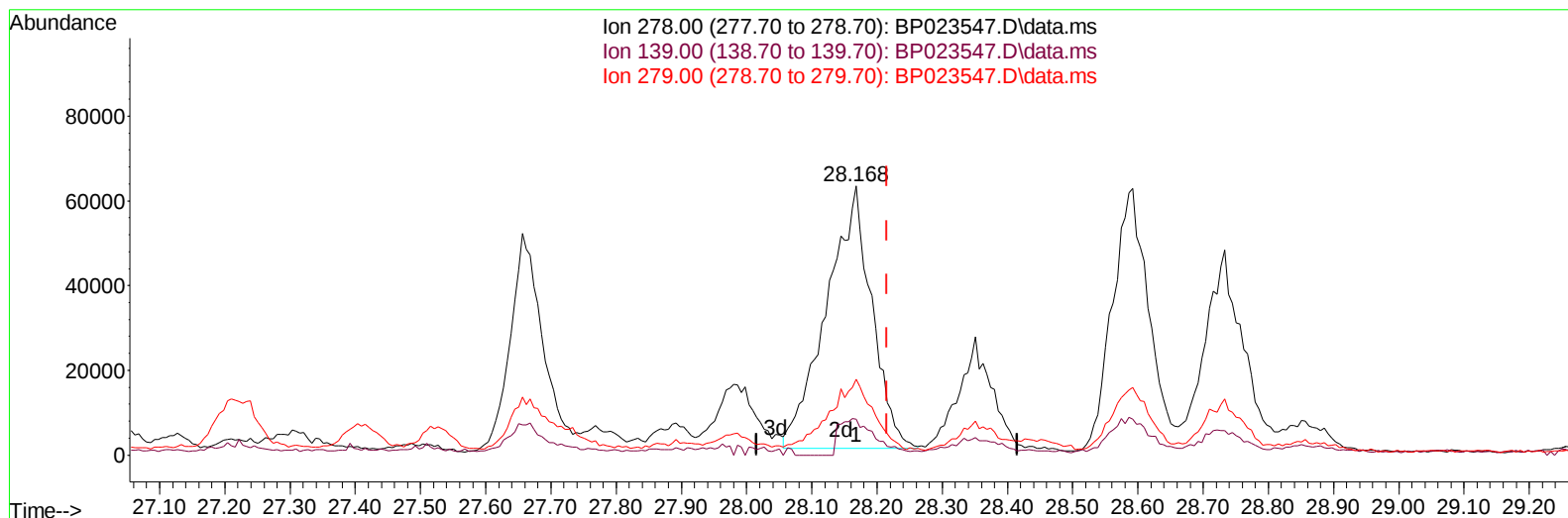
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
Data File : BP023547.D
Acq On : 20 Dec 2024 04:47
Operator : RC/JU
Sample : P5265-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28Z6

Manual IntegrationsAPPROVED

Quant Time: Dec 20 05:19:37 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: BP023547.D\data.ms

(95) Dibenzo(a,h)anthracene

28.168min (-0.047) 2.48 ng/ul m

response 298039

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	7.50	13.26#
279.00	24.00	28.10
0.00	0.00	0.00

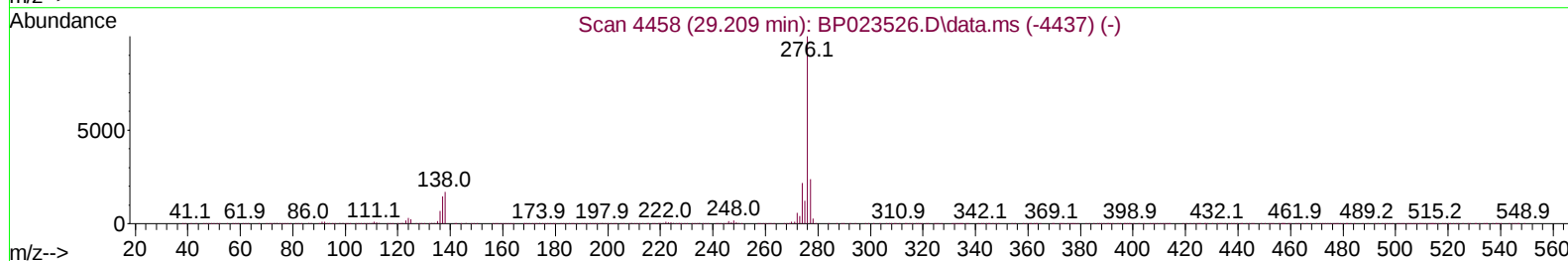
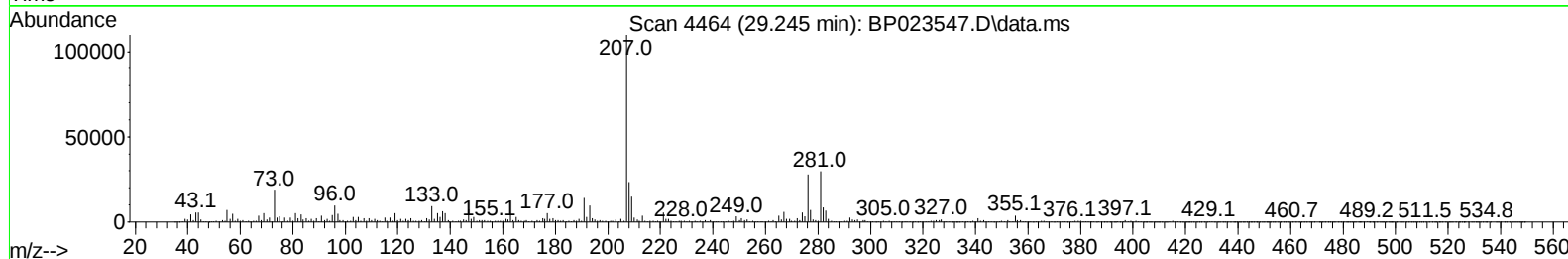
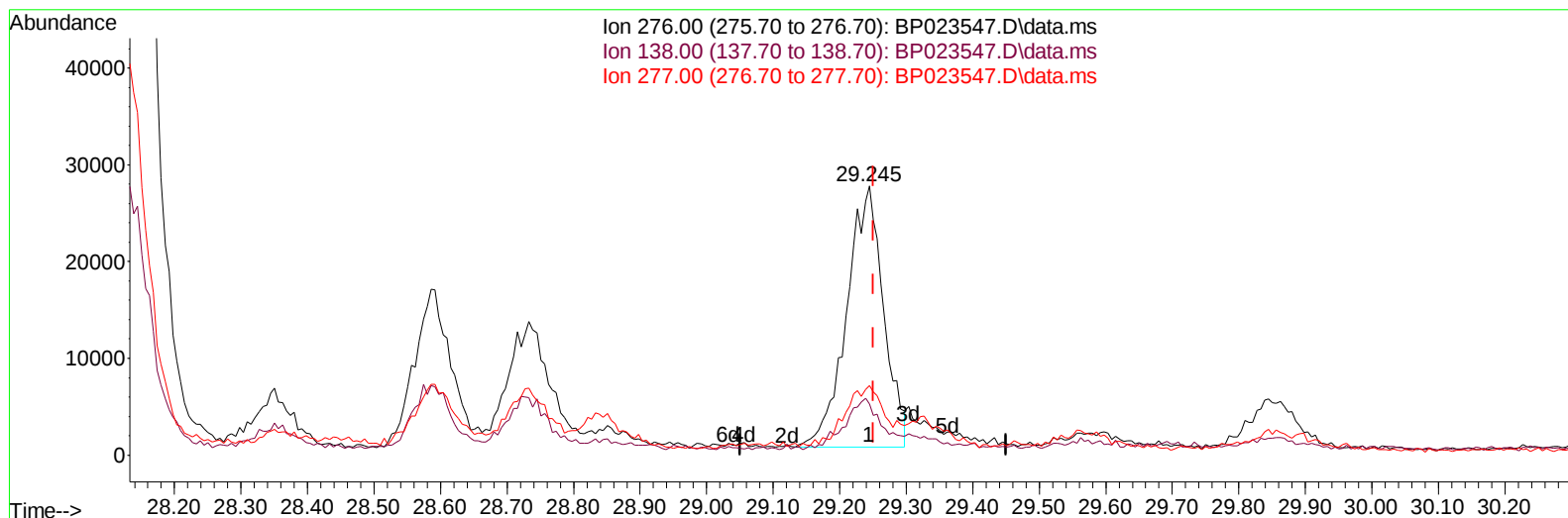
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
Data File : BP023547.D
Acq On : 20 Dec 2024 04:47
Operator : RC/JU
Sample : P5265-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28Z6

Manual IntegrationsAPPROVED

Quant Time: Dec 20 05:19:37 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: BP023547.D\data.ms

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

29.245min (-0.006) 0.90 ng/u1

response 103880

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.60	19.03#
277.00	23.60	25.92
0.00	0.00	0.00

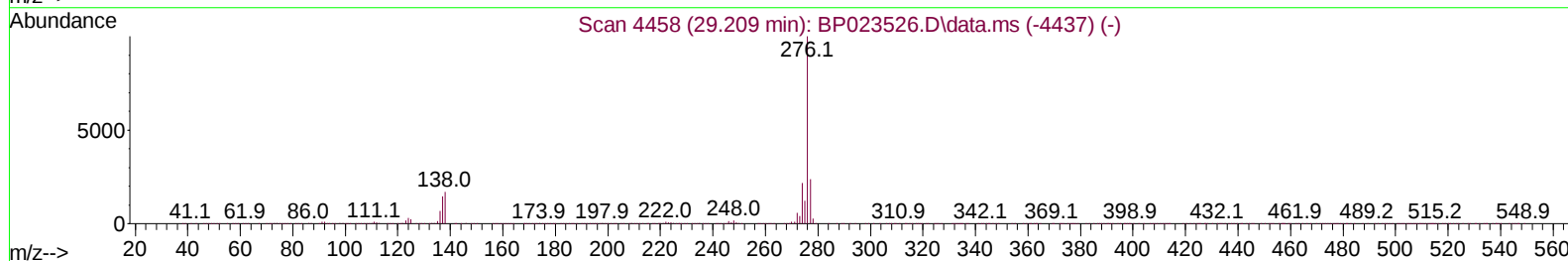
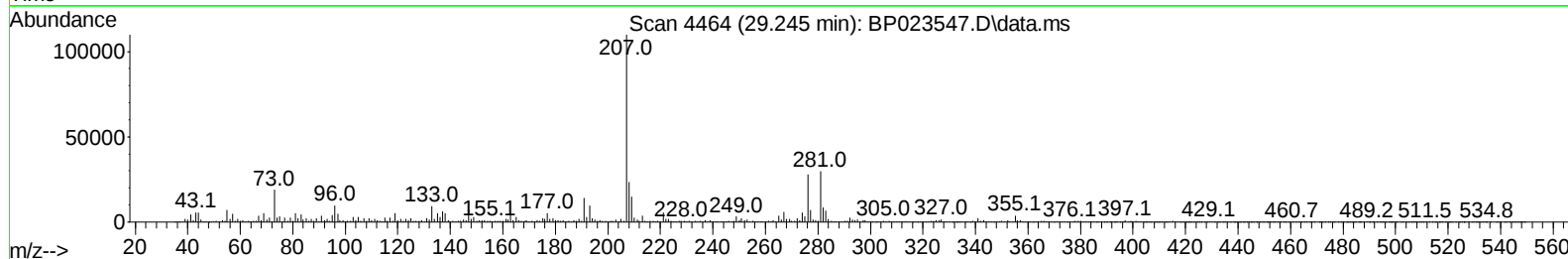
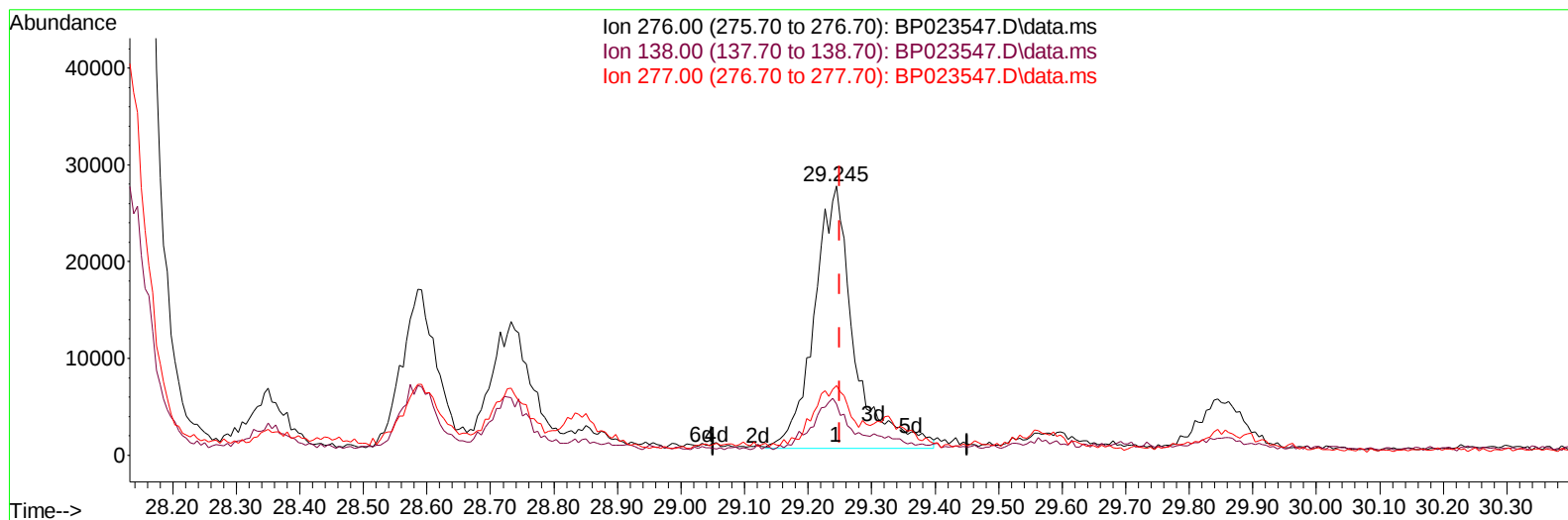
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
Data File : BP023547.D
Acq On : 20 Dec 2024 04:47
Operator : RC/JU
Sample : P5265-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28Z6

Manual IntegrationsAPPROVED

Quant Time: Dec 20 05:19:37 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: BP023547.D\data.ms

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

29.245min (-0.006) 1.02 ng/u1 m

response 117261

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.60	19.03#
277.00	23.60	25.92
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
 Data File : BP023547.D
 Acq On : 20 Dec 2024 04:47
 Operator : RC/JU
 Sample : P5265-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E28Z6

Manual IntegrationsAPPROVED

Quant Time: Dec 20 05:23:42 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.522	152	271458	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.263	136	1084369	20.000	ng/ul	#-0.02
38) Acenaphthene-d10	14.139	164	847931	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.939	188	1965272	20.000	ng/ul	#-0.02
79) Chrysene-d12	21.374	240	1955740	20.000	ng/ul	#-0.01
88) Perylene-d12	24.539	264	2048303	20.000	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.093	96	20298	2.753	ng/uL	-0.01
4) Pyridine-d5	3.528	84	22488m	1.186	ng/ul	0.01
7) Phenol-d5	6.740	99	434056	20.379	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.875	67	278474	20.723	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.069	132	314653	20.016	ng/ul	-0.02
15) 4-Methylphenol-d8	8.246	113	298926	17.389	ng/ul	-0.01
21) Nitrobenzene-d5	8.663	128	157526	19.454	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.369	143	192705	20.649	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	9.928	165	359126	18.233	ng/ul	0.00
31) 4-Chloroaniline-d4	10.428	131	210798	9.553	ng/ul	-0.01
46) Dimethylphthalate-d6	13.545	166	1264212	19.206	ng/ul	-0.01
49) Acenaphthylene-d8	13.828	160	1222444	17.607	ng/ul	0.00
54) 4-Nitrophenol-d4	14.451	143	149332m	18.513	ng/ul	0.04
60) Fluorene-d10	15.151	176	943250	16.292	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.310	200	85090	7.164	ng/ul	0.00
73) Anthracene-d10	17.045	188	1493109	16.647	ng/ul	0.00
81) Pyrene-d10	19.433	212	1372093	13.428	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.327	264	812490	7.410	ng/ul	-0.02
Target Compounds						
					Qvalue	
8) Phenol	6.769	94	66436	2.996	ng/ul	91
16) Acetophenone	8.340	105	184800	6.387	ng/ul	90
52) Acenaphthene	14.198	153	174704	3.380	ng/ul	97
56) Dibenzofuran	14.551	168	92848	1.183	ng/ul	91
61) Fluorene	15.210	166	143562	2.246	ng/ul	98
72) Phenanthrene	16.986	178	2834508	27.898	ng/ul	99
74) Anthracene	17.075	178	729713	7.183	ng/ul	99
77) Carbazole	17.375	167	304215	3.675	ng/ul	98
80) Fluoranthene	19.086	202	5118721	43.718	ng/ul#	94
82) Pyrene	19.469	202	3608244	29.042	ng/ul#	94
85) Benzo(a)anthracene	21.357	228	2237725	17.063	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.280	149	1627263	26.333	ng/ul	99
87) Chrysene	21.421	228	2021310	16.083	ng/ul	98
90) Benzo(b)fluoranthene	23.551	252	2412659	18.747	ng/ul#	97
91) Benzo(k)fluoranthene	23.610	252	1038897m	8.114	ng/ul	
93) Benzo(a)pyrene	24.398	252	1101034	9.436	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	28.127	276	870338m	5.804	ng/ul	
95) Dibenzo(a,h)anthracene	28.168	278	298039m	2.484	ng/ul	
96) Benzo(g,h,i)perylene	29.245	276	117261m	1.021	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
Data File : BP023547.D
Acq On : 20 Dec 2024 04:47
Operator : RC/JU
Sample : P5265-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28Z6

Manual IntegrationsAPPROVED

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

Quant Time: Dec 20 05:23:42 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

