

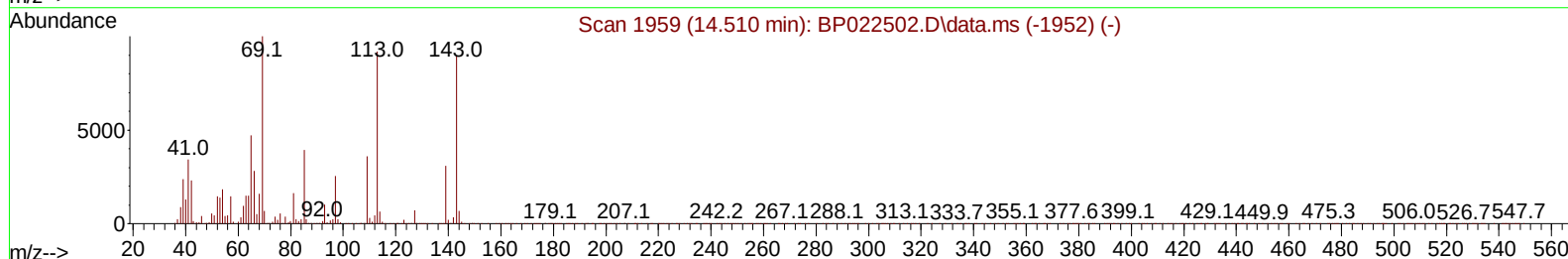
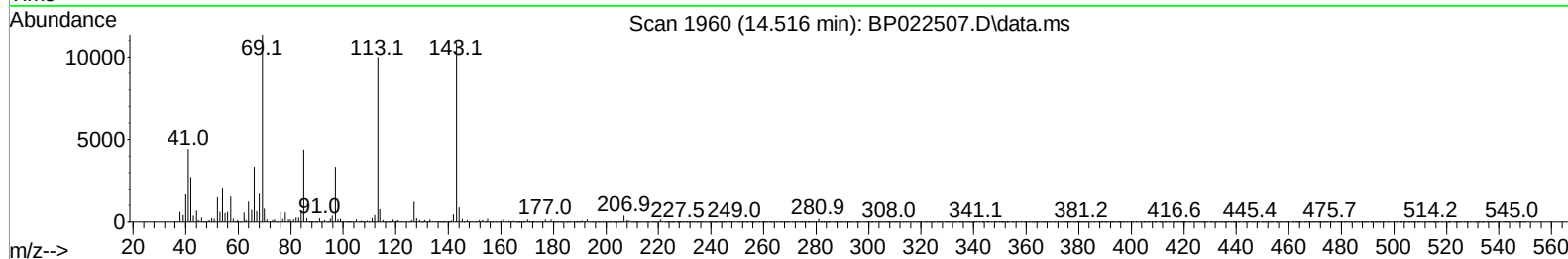
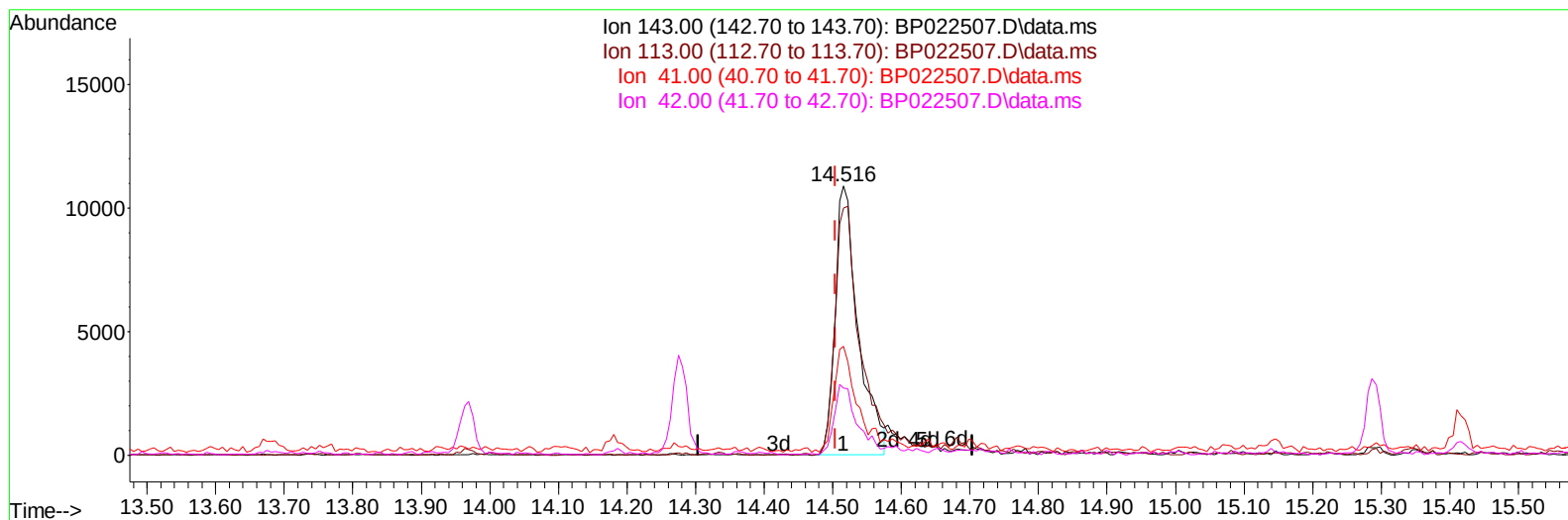
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022507.D
Acq On : 21 Oct 2024 16:06
Operator : RC/JU
Sample : P4429-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4FA6

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/25/2024

Quant Time: Oct 21 16:46:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 18 11:08:24 2024
Response via : Initial Calibration



TIC: BP022507.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.516min (+ 0.012) 8.67 ng/ul

response 25318

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	97.60	91.85
41.00	35.90	40.46
42.00	23.70	24.90

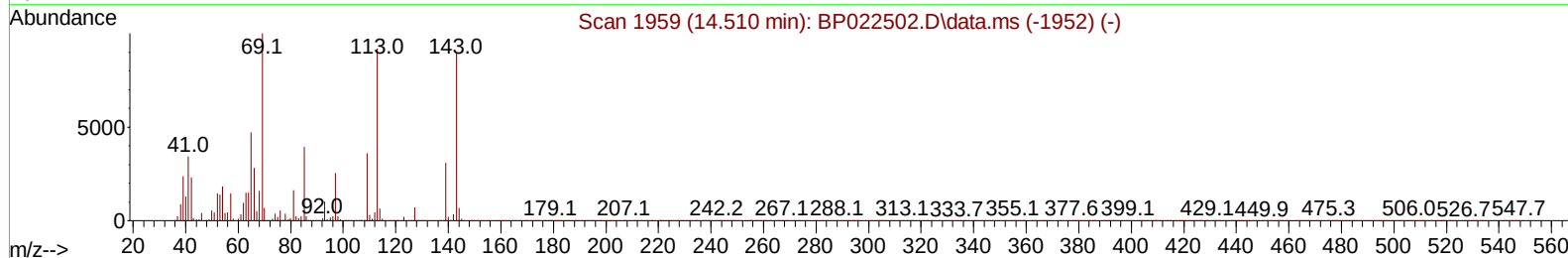
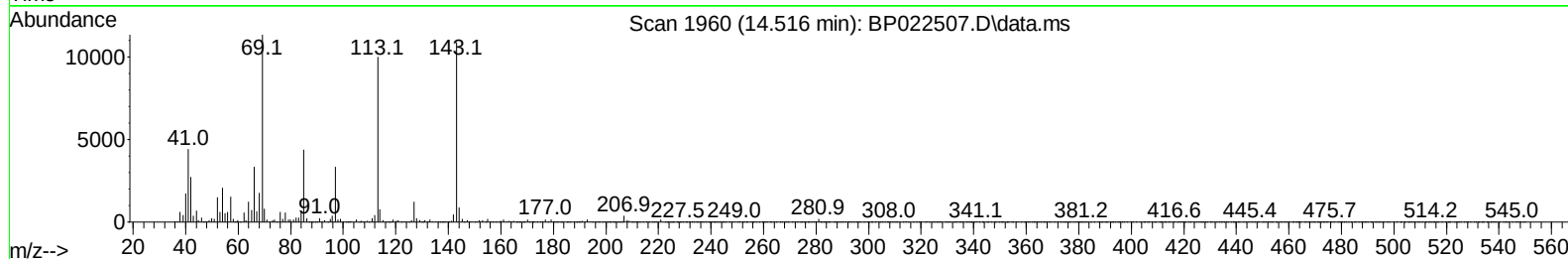
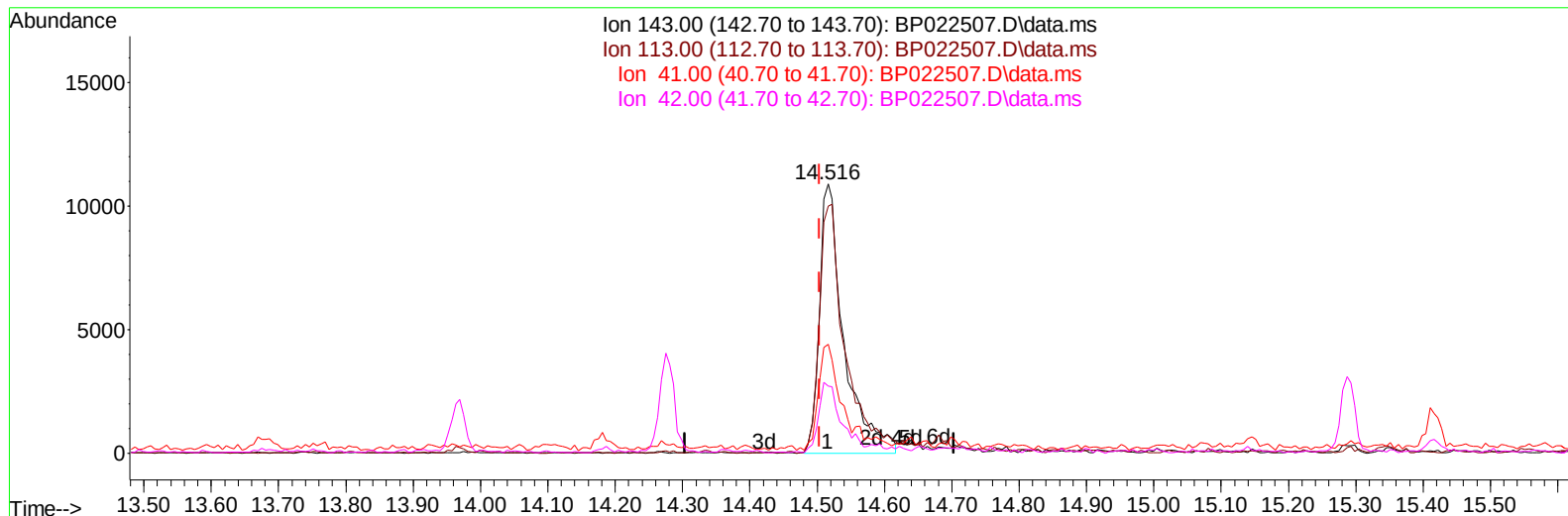
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022507.D
Acq On : 21 Oct 2024 16:06
Operator : RC/JU
Sample : P4429-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4FA6

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/25/2024

Quant Time: Oct 21 16:46:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 18 11:08:24 2024
Response via : Initial Calibration



TIC: BP022507.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.516min (+ 0.012) 9.34 ng/ul m

response 27272

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	97.60	91.85
41.00	35.90	40.46
42.00	23.70	24.90

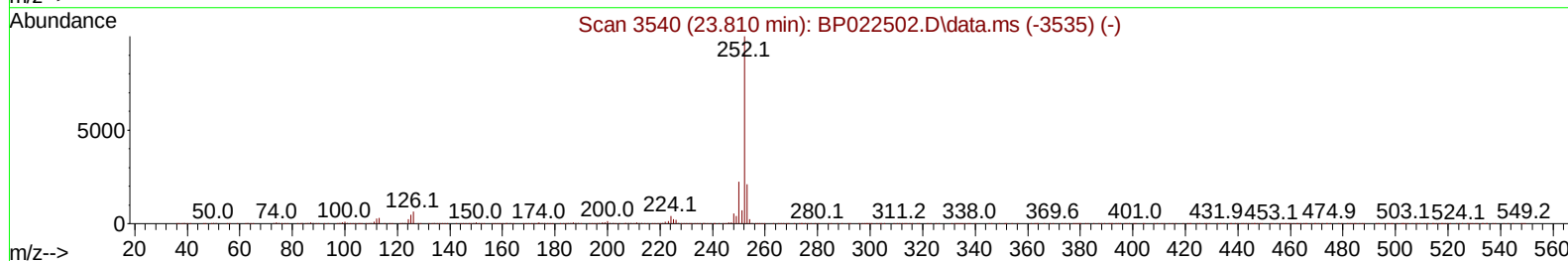
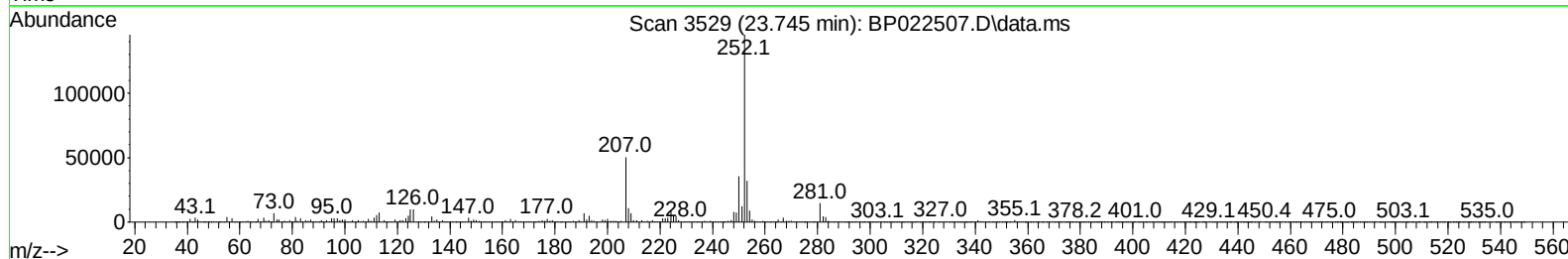
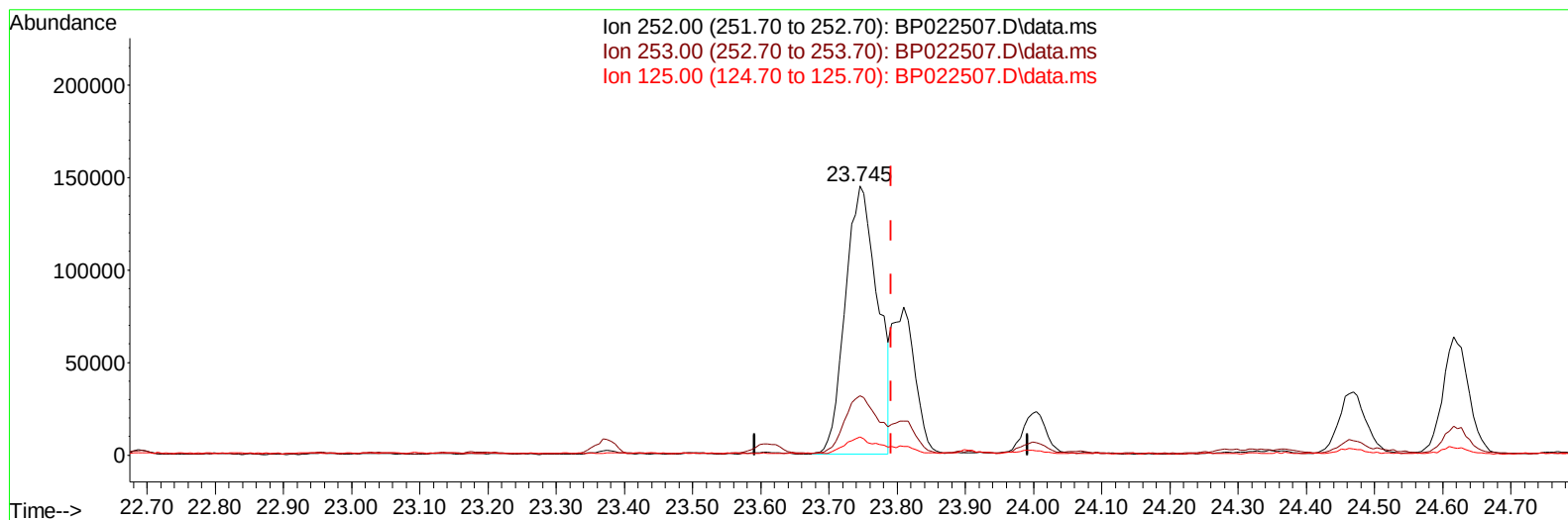
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022507.D
Acq On : 21 Oct 2024 16:06
Operator : RC/JU
Sample : P4429-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4FA6

Manual IntegrationsAPPROVED

Quant Time: Oct 21 16:44:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 18 11:08:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/25/2024



TIC: BP022507.D\data.ms

(91) Benzo(k)fluoranthene

23.745min (-0.047) 10.26 ng/u1

response 475582

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	22.16
125.00	5.70	6.76
0.00	0.00	0.00

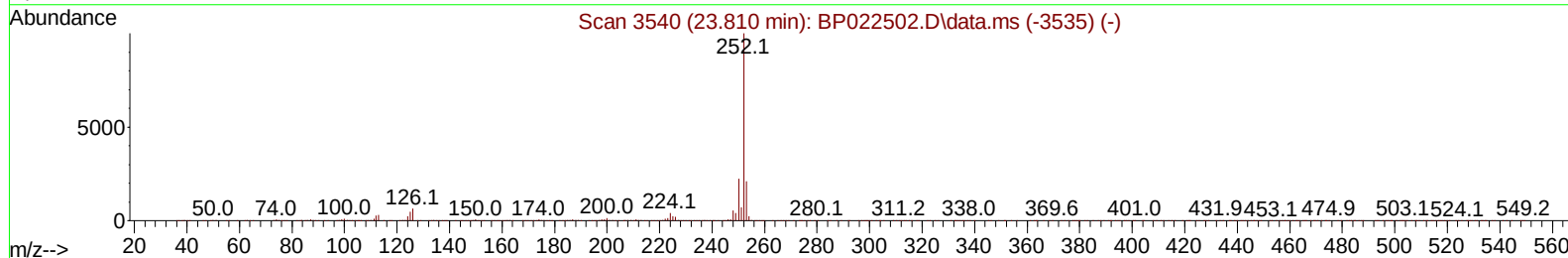
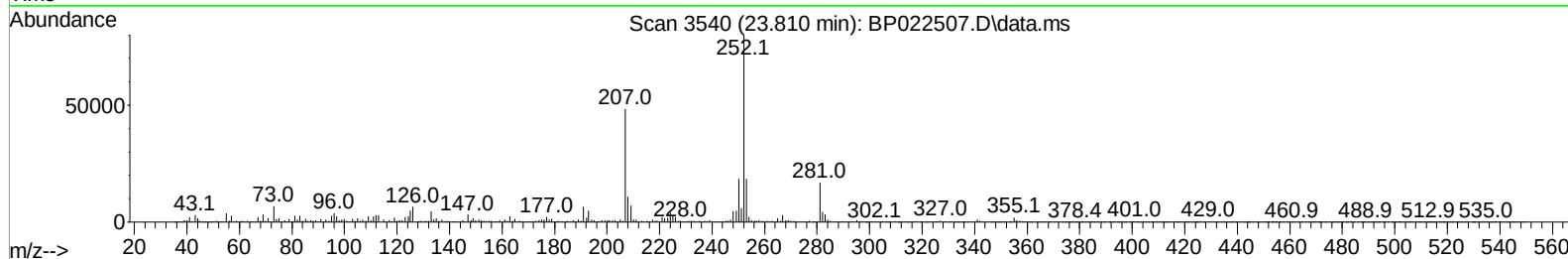
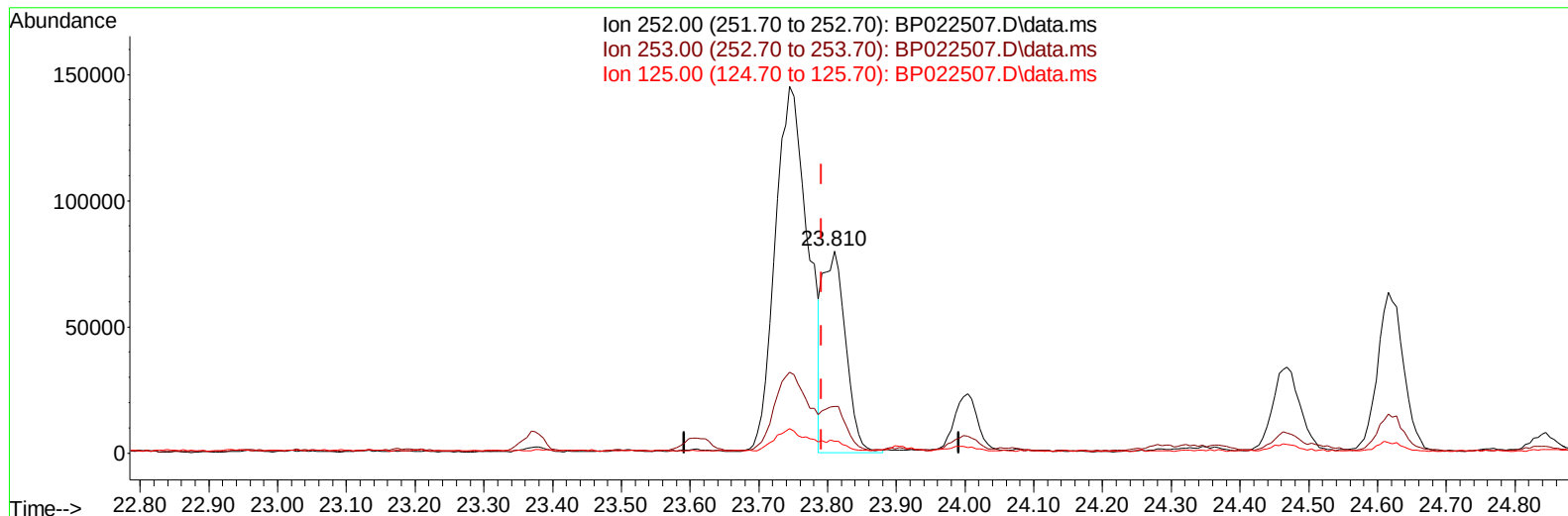
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022507.D
Acq On : 21 Oct 2024 16:06
Operator : RC/JU
Sample : P4429-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4FA6

Manual IntegrationsAPPROVED

Quant Time: Oct 21 16:44:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 18 11:08:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/25/2024



TIC: BP022507.D\data.ms

(91) Benzo(k)fluoranthene

23.810min (+ 0.018) 3.99 ng/u l m

response 185015

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	23.03
125.00	5.70	5.98
0.00	0.00	0.00

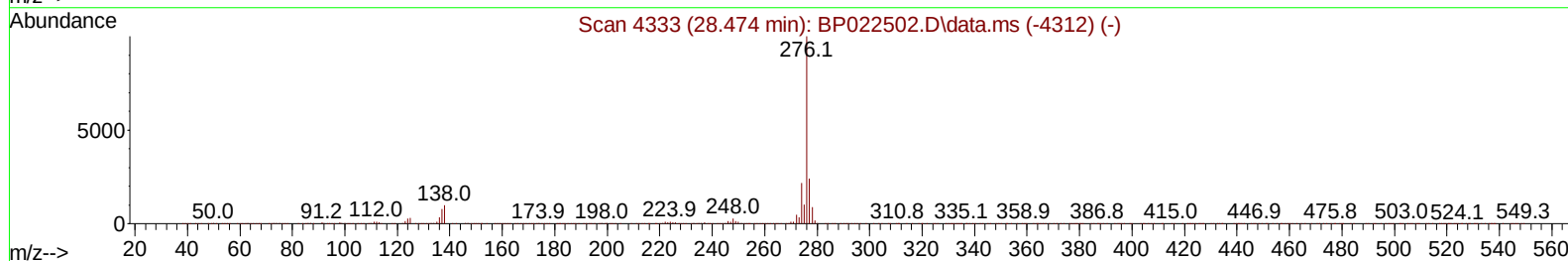
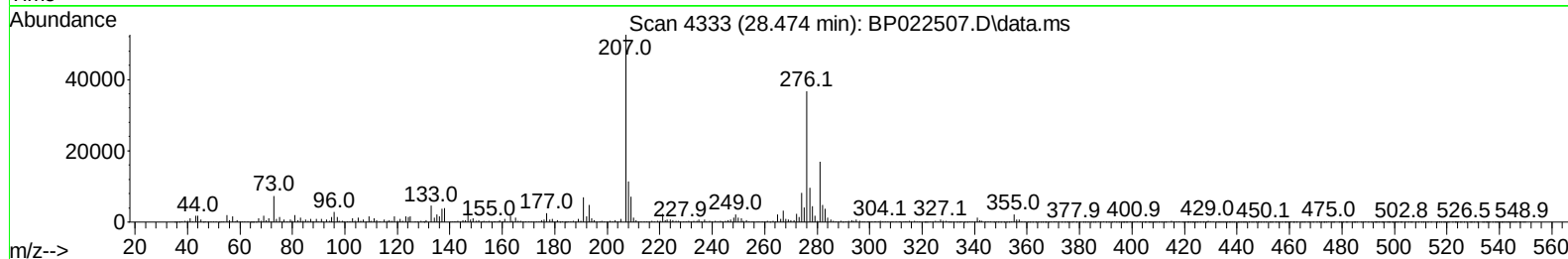
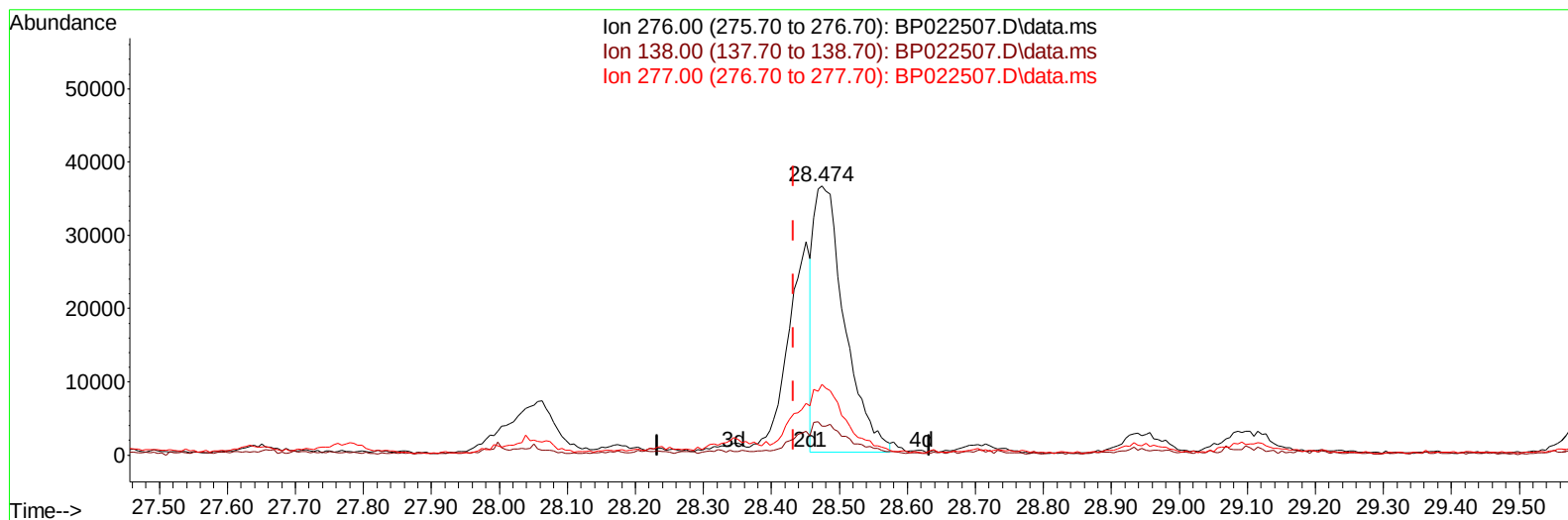
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
 Data File : BP022507.D
 Acq On : 21 Oct 2024 16:06
 Operator : RC/JU
 Sample : P4429-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4FA6

Manual IntegrationsAPPROVED

Quant Time: Oct 21 16:44:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 18 11:08:24 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/22/2024
 Supervised By :mohammad ahmed 10/25/2024



TIC: BP022507.D\data.ms

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

28.474min (+ 0.042) 1.97 ng/u1

response 114735

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.40	10.69
277.00	23.20	26.33
0.00	0.00	0.00

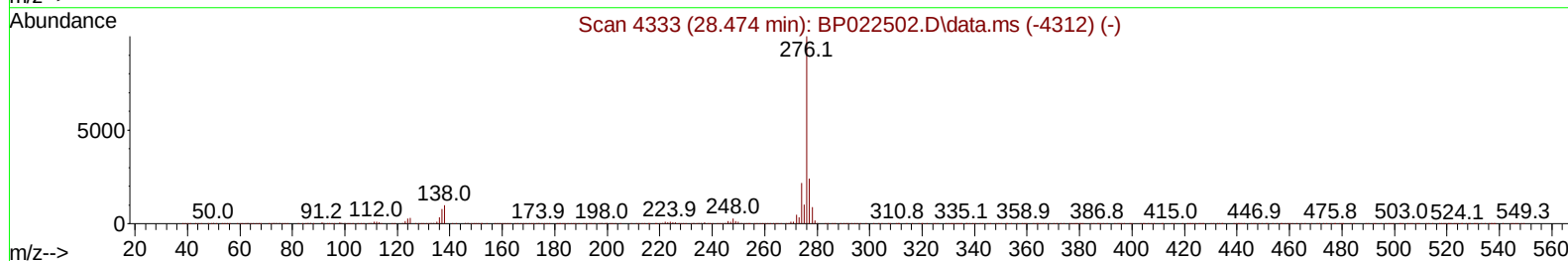
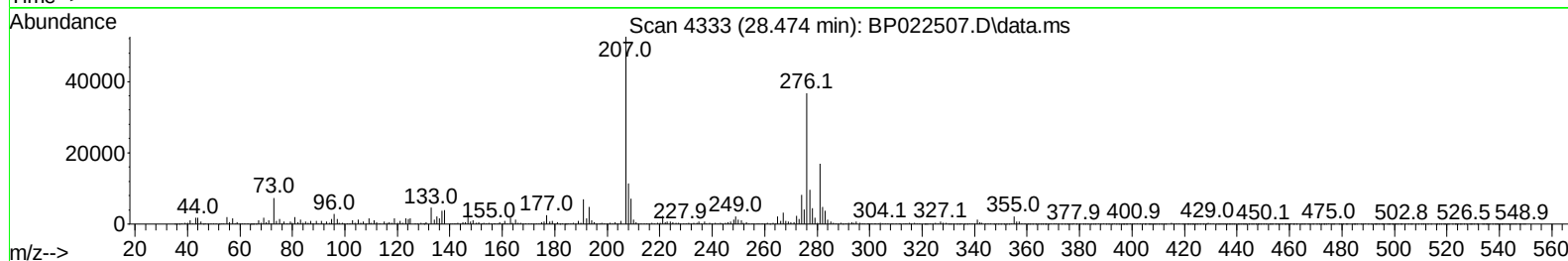
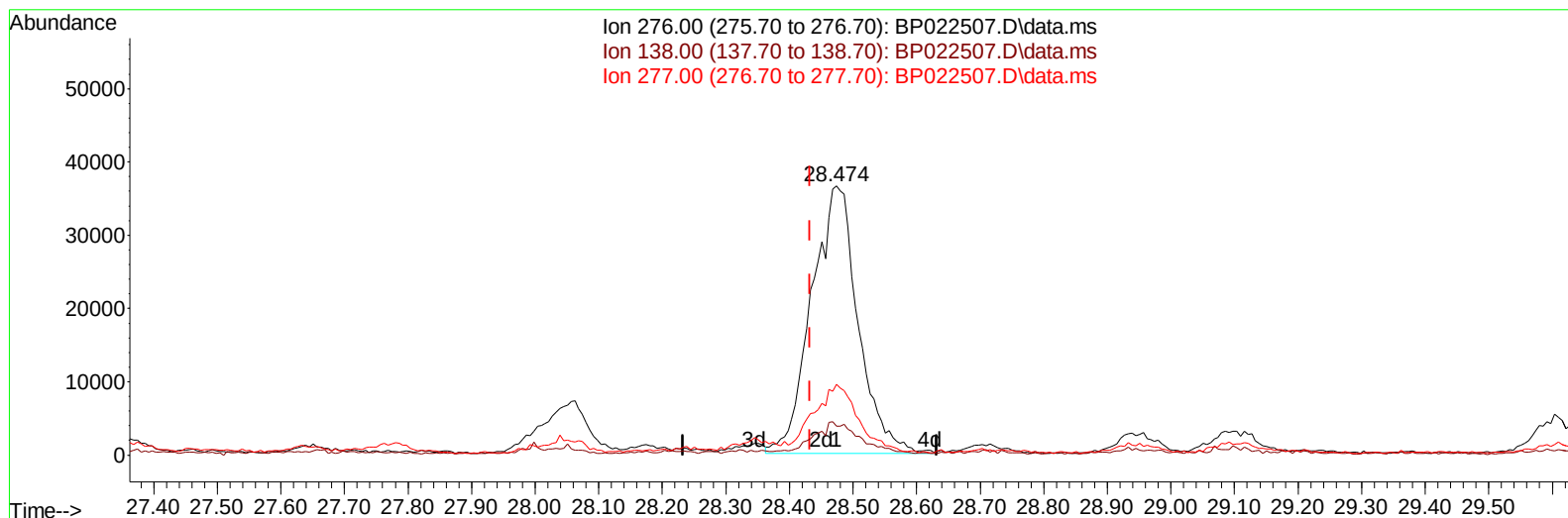
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022507.D
Acq On : 21 Oct 2024 16:06
Operator : RC/JU
Sample : P4429-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4FA6

Manual IntegrationsAPPROVED

Quant Time: Oct 21 16:44:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 18 11:08:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/25/2024



TIC: BP022507.D\data.ms

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

28.474min (+ 0.042) 3.19 ng/u1 m

response 185669

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.40	10.69
277.00	23.20	26.33
0.00	0.00	0.00

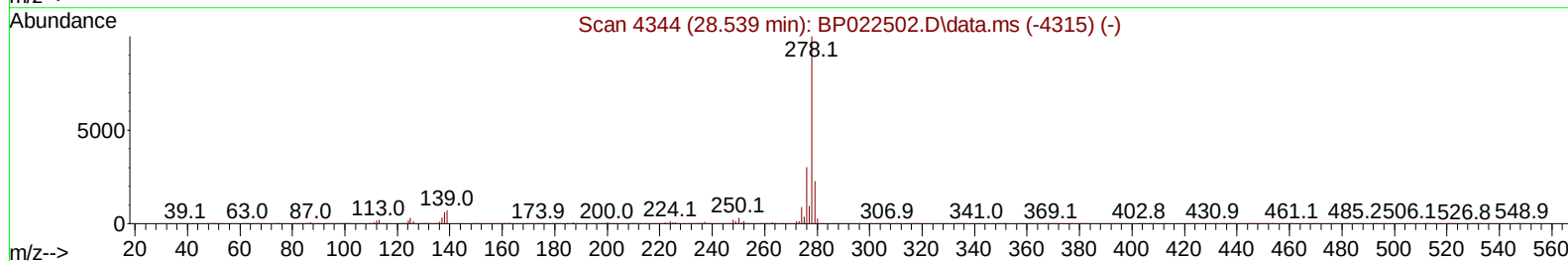
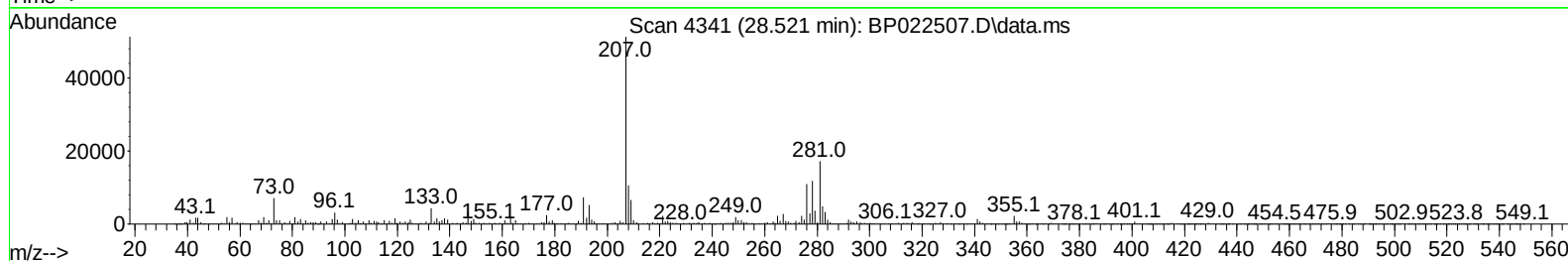
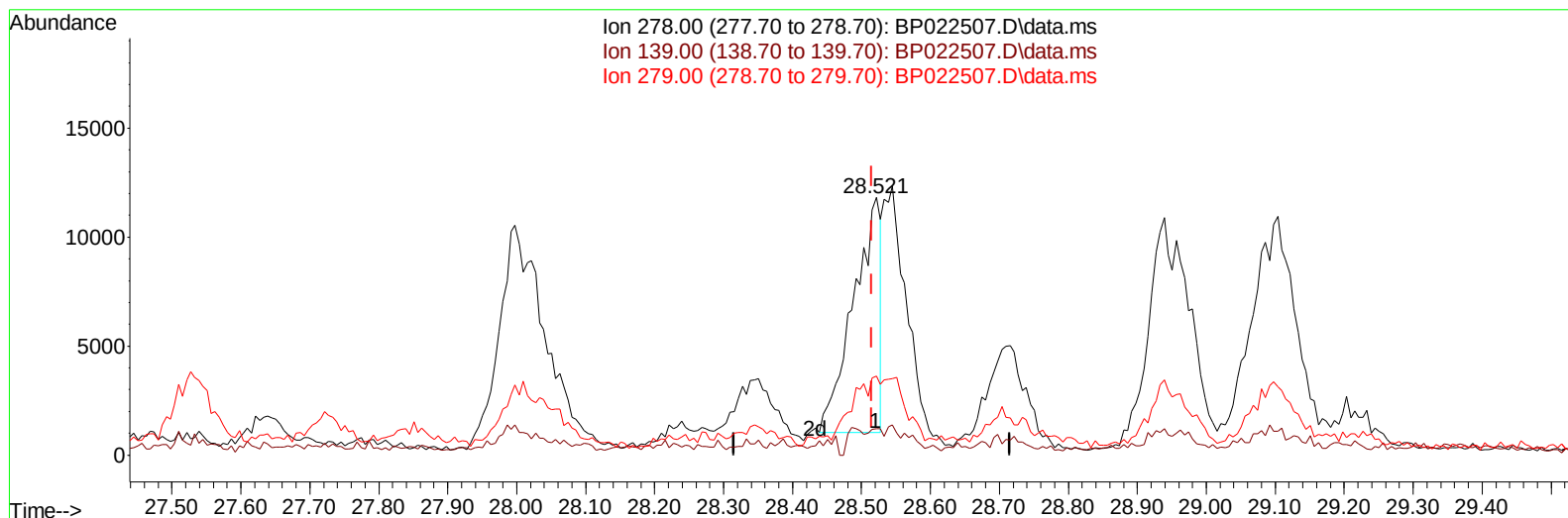
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022507.D
Acq On : 21 Oct 2024 16:06
Operator : RC/JU
Sample : P4429-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4FA6

Manual IntegrationsAPPROVED

Quant Time: Oct 21 16:44:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 18 11:08:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/25/2024



TIC: BP022507.D\data.ms

(95) Dibenzo(a,h)anthracene

28.521min (+ 0.006) 0.63 ng/u1

response 29532

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	9.10	10.25
279.00	23.70	30.57#
0.00	0.00	0.00

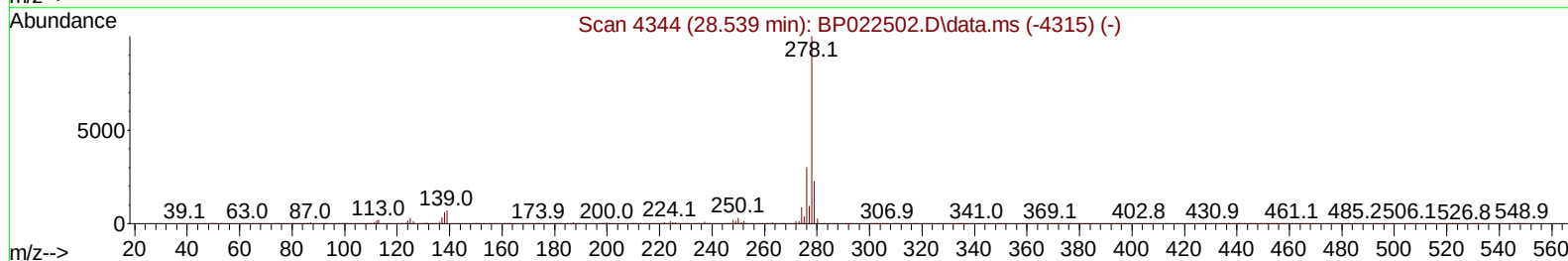
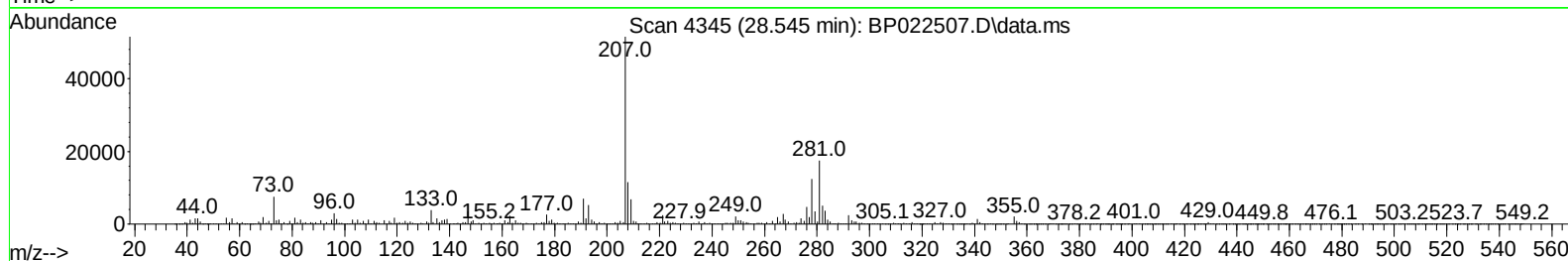
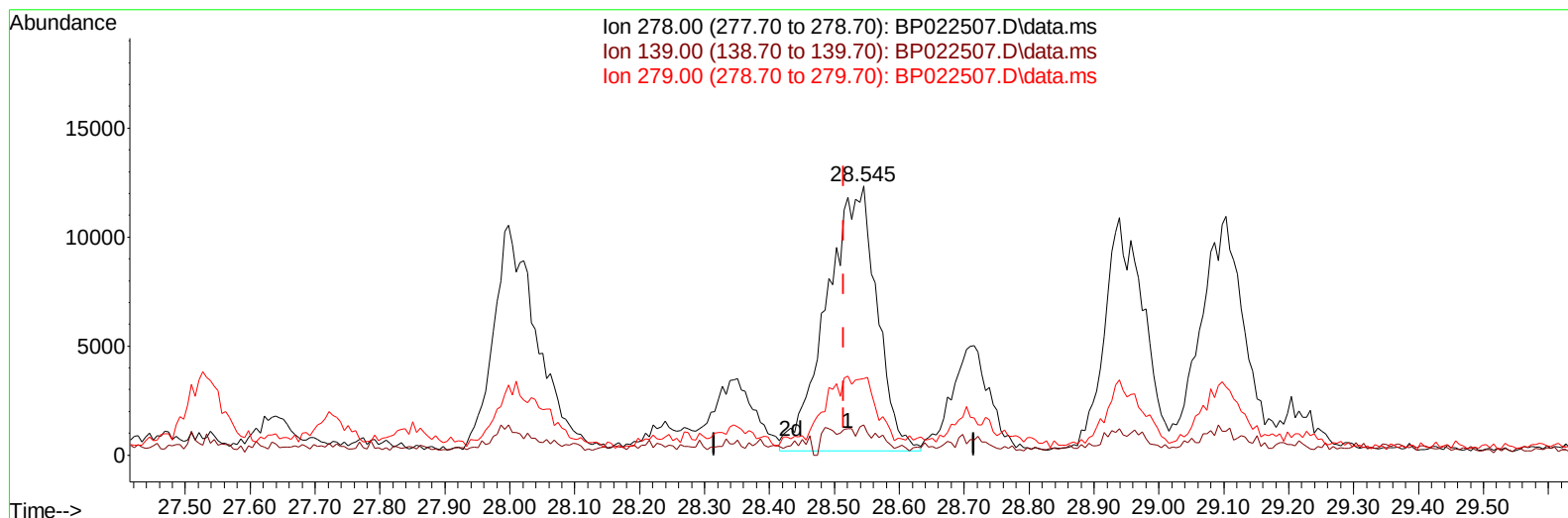
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022507.D
Acq On : 21 Oct 2024 16:06
Operator : RC/JU
Sample : P4429-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4FA6

Manual IntegrationsAPPROVED

Quant Time: Oct 21 16:44:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 18 11:08:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/25/2024



TIC: BP022507.D\data.ms

(95) Dibenzo(a,h)anthracene

28.545min (+ 0.030) 1.37 ng/ul m

response 64450

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	9.10	11.24#
279.00	23.70	28.41
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
 Data File : BP022507.D
 Acq On : 21 Oct 2024 16:06
 Operator : RC/JU
 Sample : P4429-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4FA6

Manual IntegrationsAPPROVED

Quant Time: Oct 21 23:29:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 18 11:08:24 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/22/2024
 Supervised By :mohammad ahmed 10/25/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.664	152	75509	20.000	ng/ul	0.00
20) Naphthalene-d8	10.422	136	283858	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.281	164	219062	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.081	188	555228	20.000	ng/ul	0.00
79) Chrysene-d12	21.510	240	629610	20.000	ng/ul	0.01
88) Perylene-d12	24.769	264	752176	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	4010	2.064	ng/uL	0.00
4) Pyridine-d5	3.623	84	9772	1.832	ng/ul	0.01
7) Phenol-d5	6.858	99	76661	12.061	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	45642	12.218	ng/ul	0.00
11) 2-Chlorophenol-d4	7.211	132	57666	12.786	ng/ul	0.00
15) 4-Methylphenol-d8	8.369	113	60360	11.899	ng/ul	0.00
21) Nitrobenzene-d5	8.805	128	27117	12.424	ng/ul	0.00
24) 2-Nitrophenol-d4	9.516	143	32951	13.040	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.057	165	68717	12.795	ng/ul	0.00
31) 4-Chloroaniline-d4	10.563	131	43826	6.906	ng/ul	0.00
46) Dimethylphthalate-d6	13.681	166	245347	14.096	ng/ul	0.00
49) Acenaphthylene-d8	13.969	160	249624	13.503	ng/ul	0.00
54) 4-Nitrophenol-d4	14.516	143	27272m	9.340	ng/ul	0.01
60) Fluorene-d10	15.293	176	223604	14.812	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.416	200	35672	9.769	ng/ul	0.00
73) Anthracene-d10	17.175	188	387901	14.851	ng/ul	0.00
81) Pyrene-d10	19.563	212	442416	13.288	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.551	264	407141	10.135	ng/ul	0.02
Target Compounds						
					Qvalue	
8) Phenol	6.887	94	10374	1.569	ng/ul	97
16) Acetophenone	8.475	105	44698	5.338	ng/ul	94
61) Fluorene	15.340	166	17629	1.062	ng/ul	96
72) Phenanthrene	17.122	178	337208	11.352	ng/ul	99
74) Anthracene	17.204	178	79345	2.677	ng/ul	98
77) Carbazole	17.498	167	30482	1.162	ng/ul	97
80) Fluoranthene	19.216	202	732242	19.130	ng/ul	100
82) Pyrene	19.592	202	476314	11.610	ng/ul	97
85) Benzo(a)anthracene	21.486	228	331079	7.501	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.427	149	58650	2.861	ng/ul#	99
87) Chrysene	21.551	228	353251	8.631	ng/ul	98
90) Benzo(b)fluoranthene	23.745	252	475582	10.045	ng/ul	99
91) Benzo(k)fluoranthene	23.810	252	185015m	3.991	ng/ul	
93) Benzo(a)pyrene	24.616	252	165666	3.802	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.474	276	185669m	3.193	ng/ul	
95) Dibenzo(a,h)anthracene	28.545	278	64450m	1.369	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022507.D
Acq On : 21 Oct 2024 16:06
Operator : RC/JU
Sample : P4429-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4FA6

Manual IntegrationsAPPROVED

Quant Time: Oct 21 23:29:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 18 11:08:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/25/2024

