

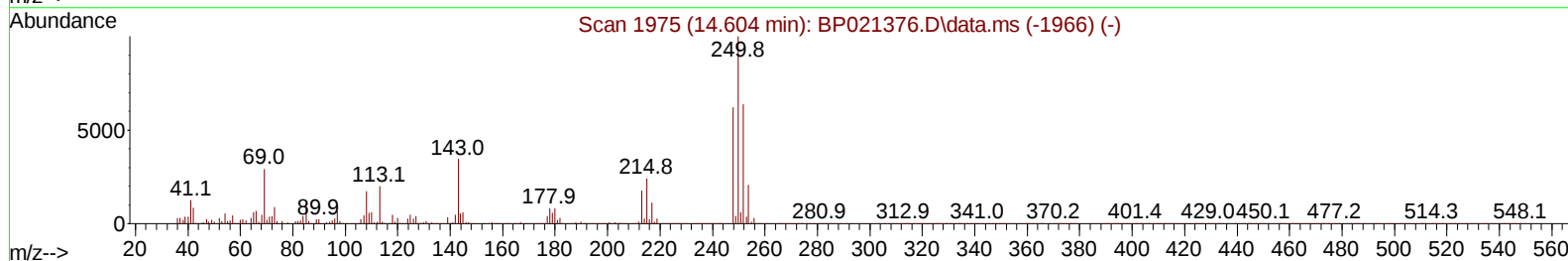
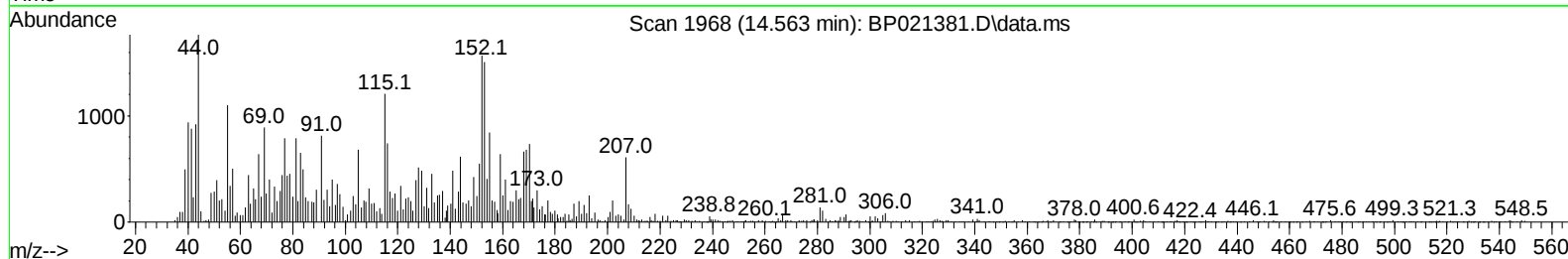
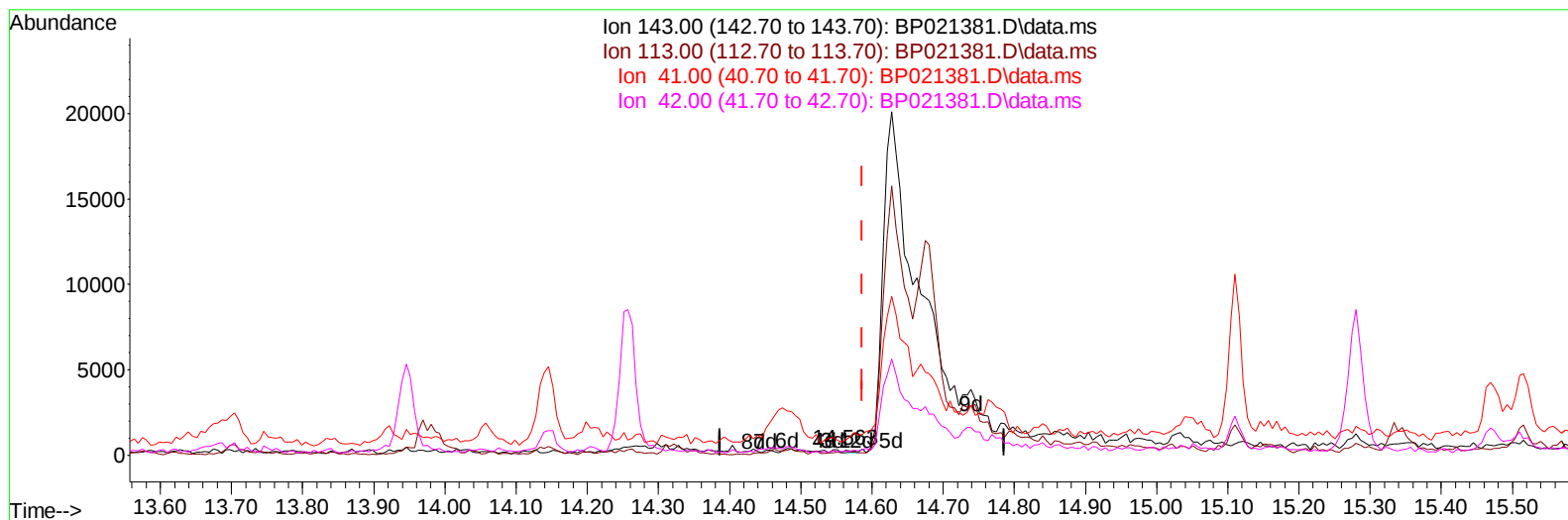
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
Data File : BP021381.D
Acq On : 05 Aug 2024 21:42
Operator : CG/JU
Sample : P3329-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7E20

Manual IntegrationsAPPROVED

Quant Time: Aug 06 00:21:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024



TIC: BP021381.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.563min (-0.023) 0.02 ng/u1

response 118

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	74.70	45.10#
41.00	37.90	308.04#
42.00	27.10	80.77#

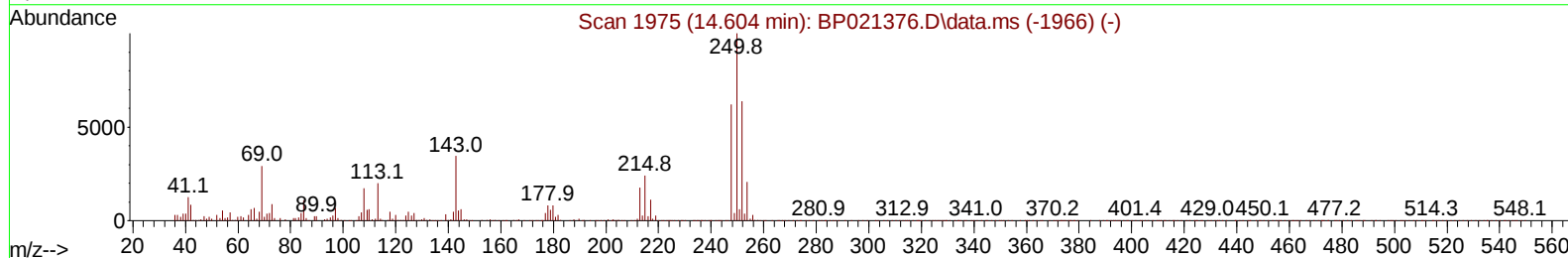
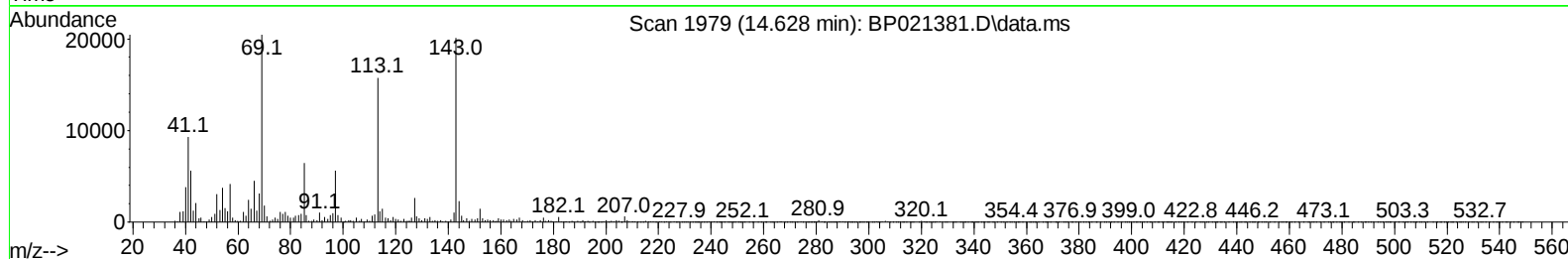
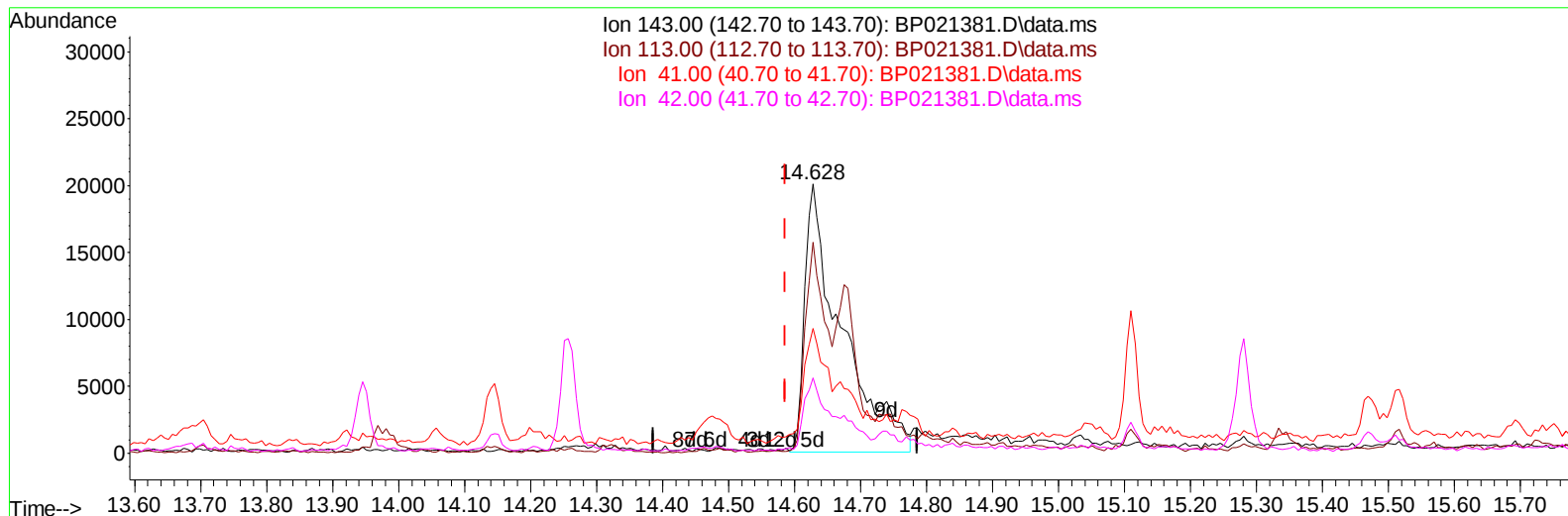
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
Data File : BP021381.D
Acq On : 05 Aug 2024 21:42
Operator : CG/JU
Sample : P3329-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7E20

Manual IntegrationsAPPROVED

Quant Time: Aug 06 00:21:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024



TIC: BP021381.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.628min (+ 0.042) 15.82 ng/ul m

response 77161

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	74.70	78.37
41.00	37.90	46.24#
42.00	27.10	28.04

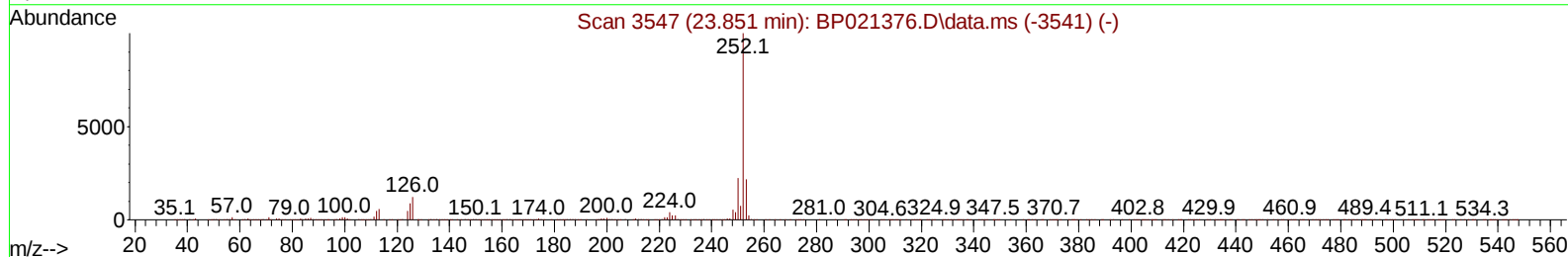
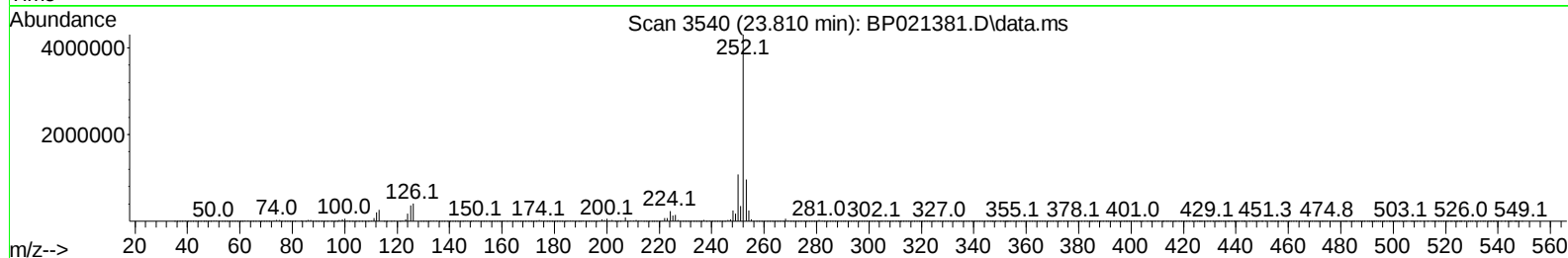
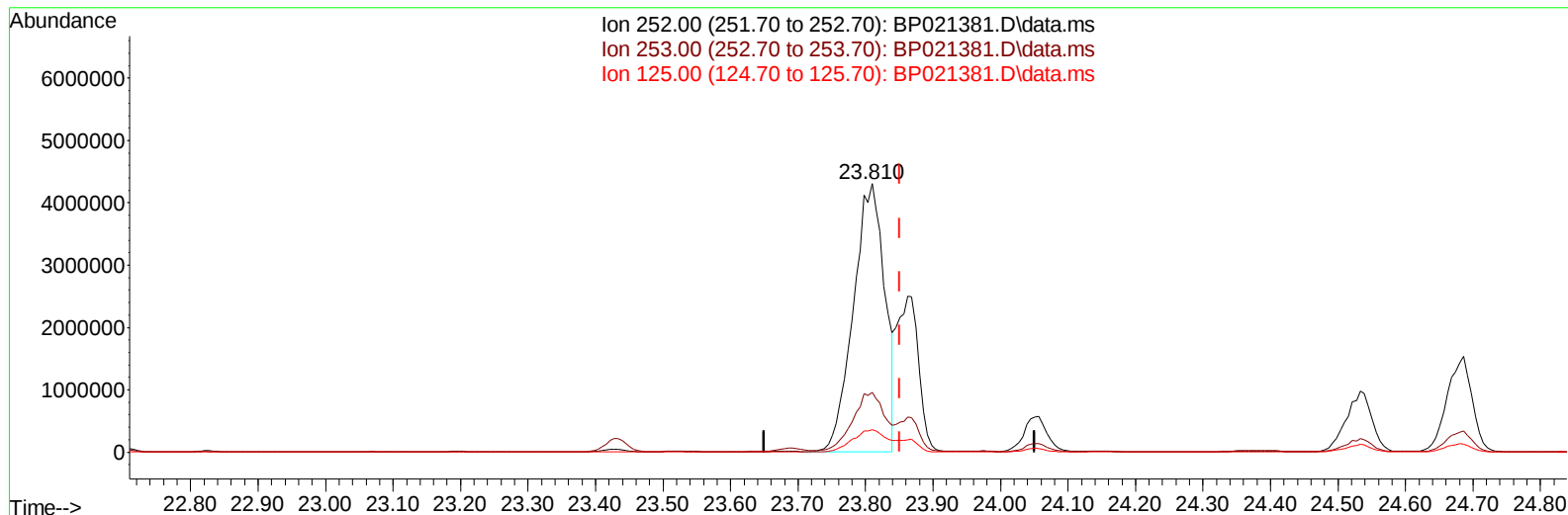
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
 Data File : BP021381.D
 Acq On : 05 Aug 2024 21:42
 Operator : CG/JU
 Sample : P3329-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F7E20

Manual IntegrationsAPPROVED

Quant Time: Aug 06 00:21:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/06/2024
 Supervised By :mohammad ahmed 08/07/2024



TIC: BP021381.D\data.ms

(91) Benzo(k)fluoranthene

23.810min (-0.041) 188.88 ng/u1

response 13838986

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	22.33
125.00	9.20	8.37
0.00	0.00	0.00

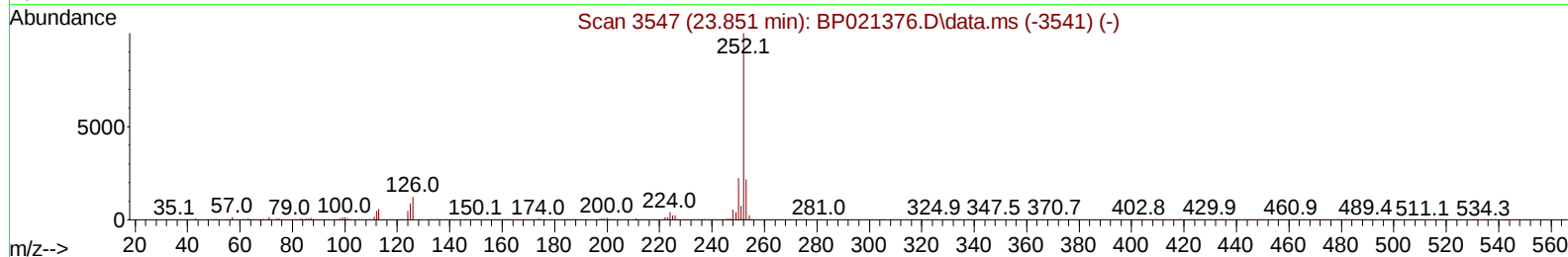
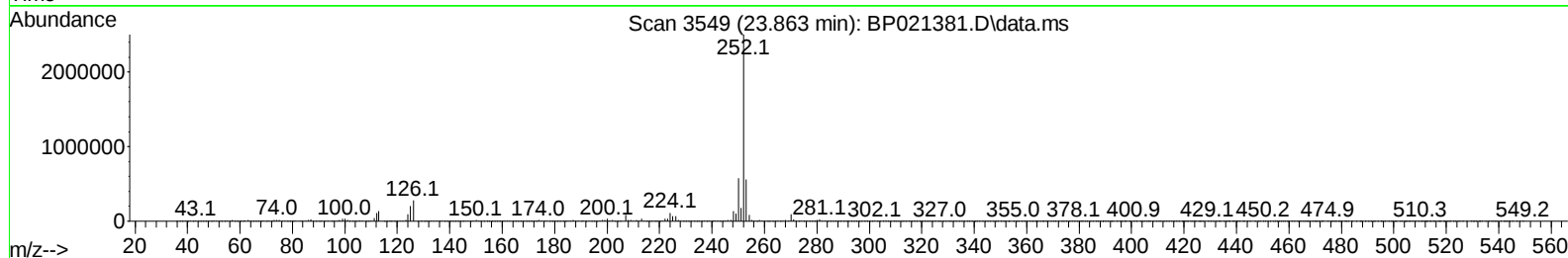
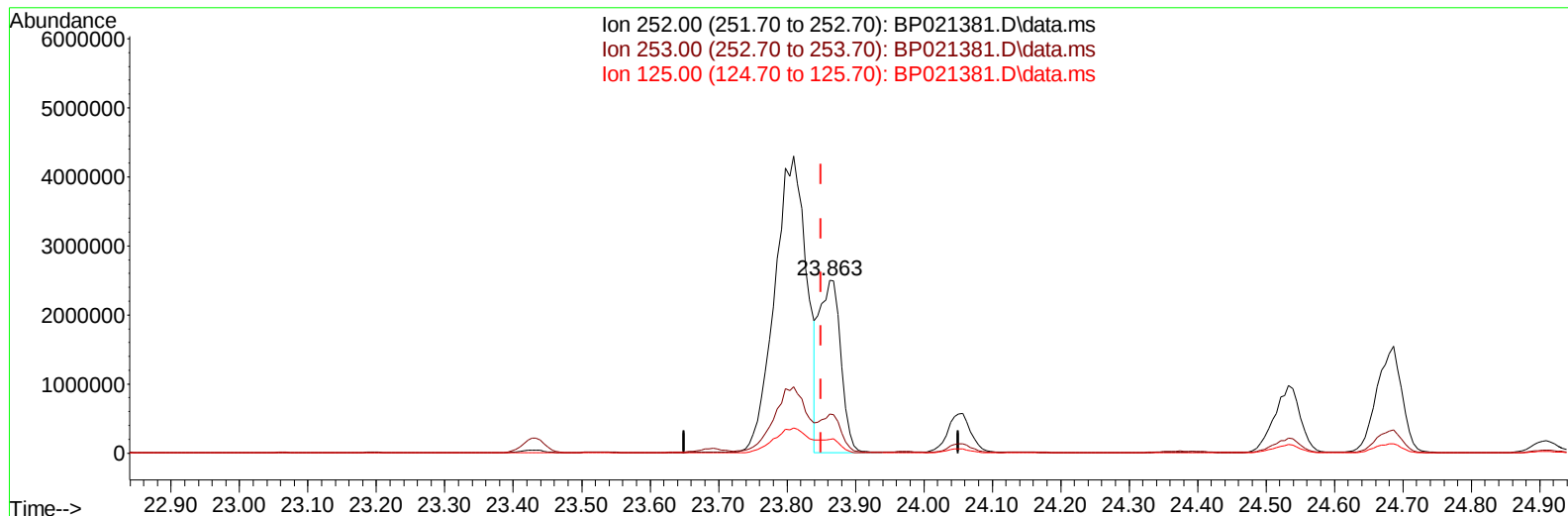
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
Data File : BP021381.D
Acq On : 05 Aug 2024 21:42
Operator : CG/JU
Sample : P3329-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7E20

Manual IntegrationsAPPROVED

Quant Time: Aug 06 00:21:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024



TIC: BP021381.D\data.ms

(91) Benzo(k)fluoranthene

23.863min (+ 0.012) 75.40 ng/ul m

response 5524249

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	22.45
125.00	9.20	8.02
0.00	0.00	0.00

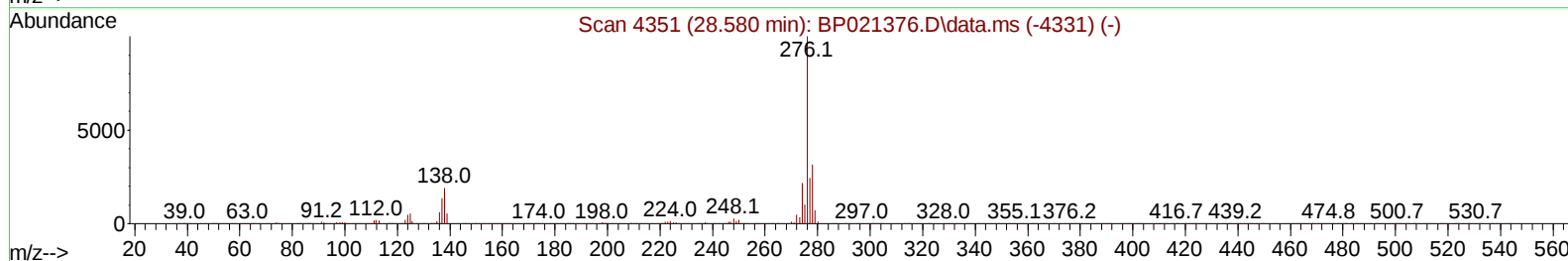
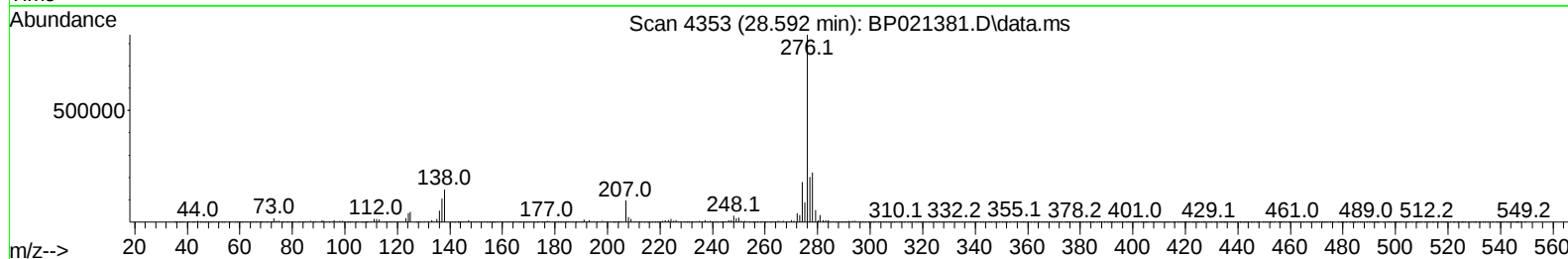
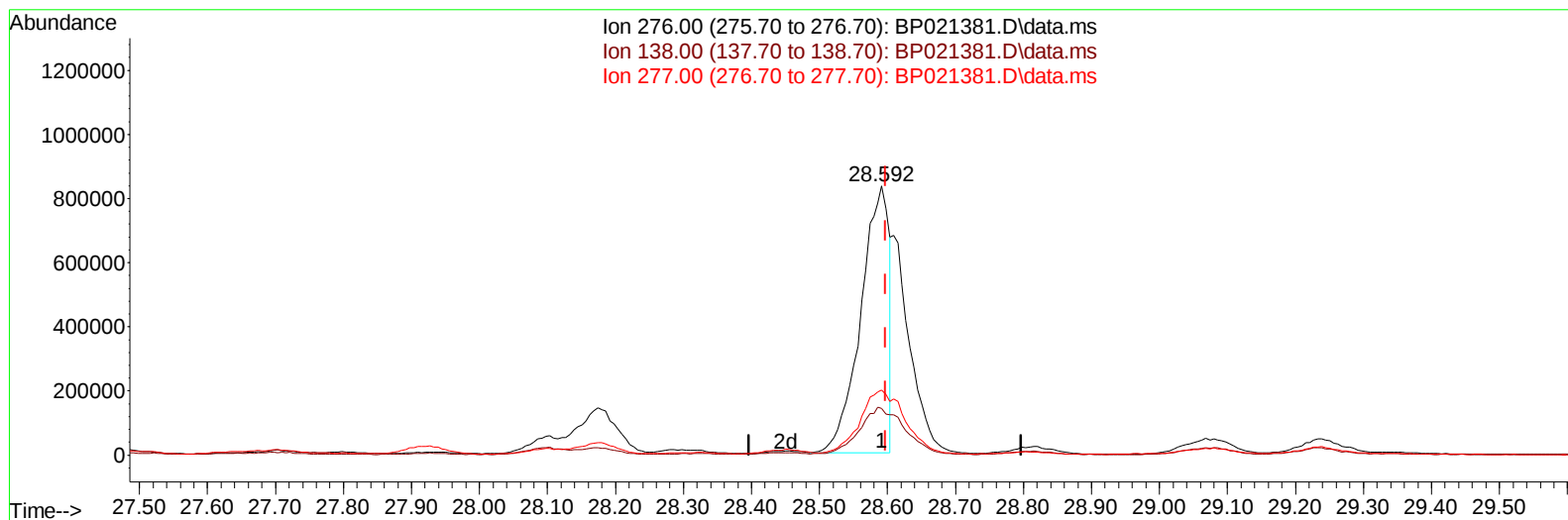
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
Data File : BP021381.D
Acq On : 05 Aug 2024 21:42
Operator : CG/JU
Sample : P3329-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7E20

Manual IntegrationsAPPROVED

Quant Time: Aug 06 00:21:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024



TIC: BP021381.D\data.ms

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

28.592min (-0.006) 26.83 ng/u1

response 2398462

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.90	17.43
277.00	24.00	24.09
0.00	0.00	0.00

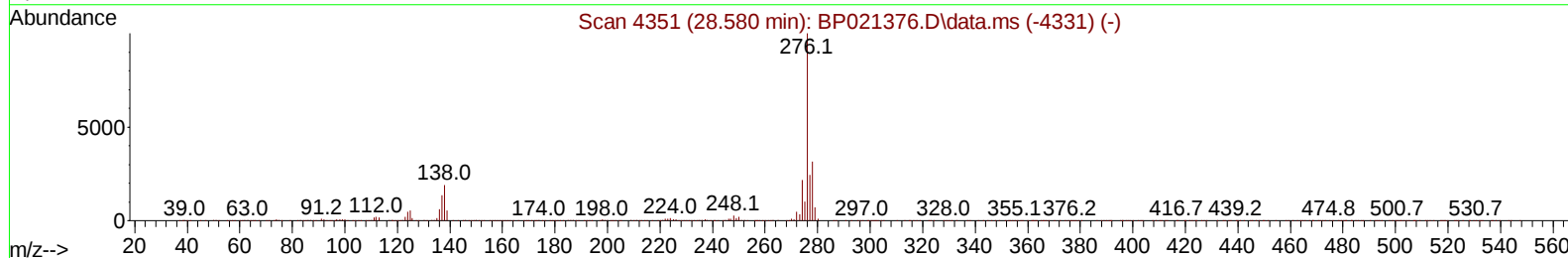
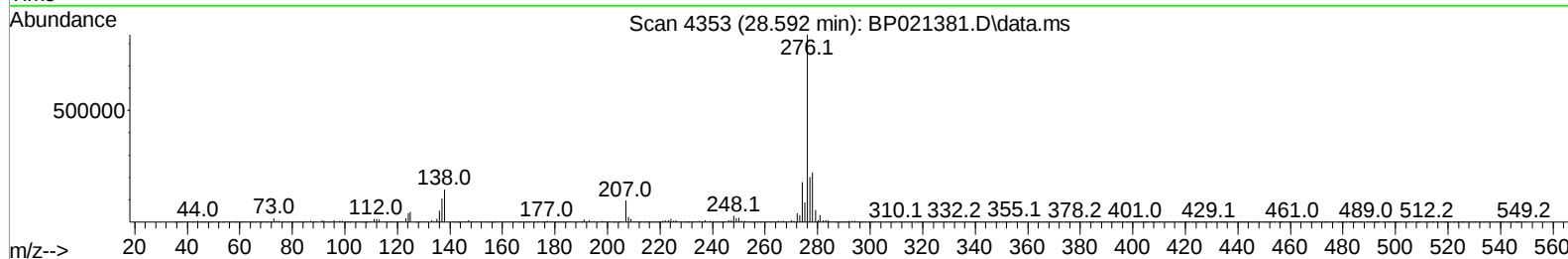
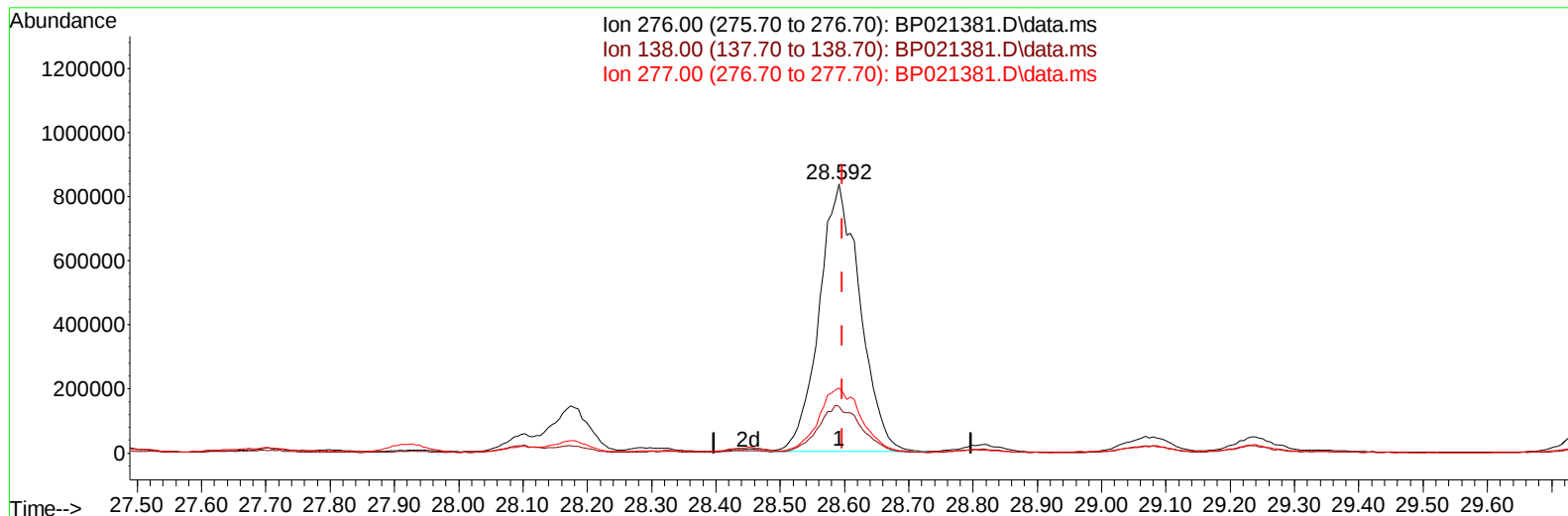
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
Data File : BP021381.D
Acq On : 05 Aug 2024 21:42
Operator : CG/JU
Sample : P3329-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7E20

Manual IntegrationsAPPROVED

Quant Time: Aug 06 00:21:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024



TIC: BP021381.D\data.ms

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

28.592min (-0.006) 41.10 ng/ul m

response 3674773

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.90	17.43
277.00	24.00	24.09
0.00	0.00	0.00

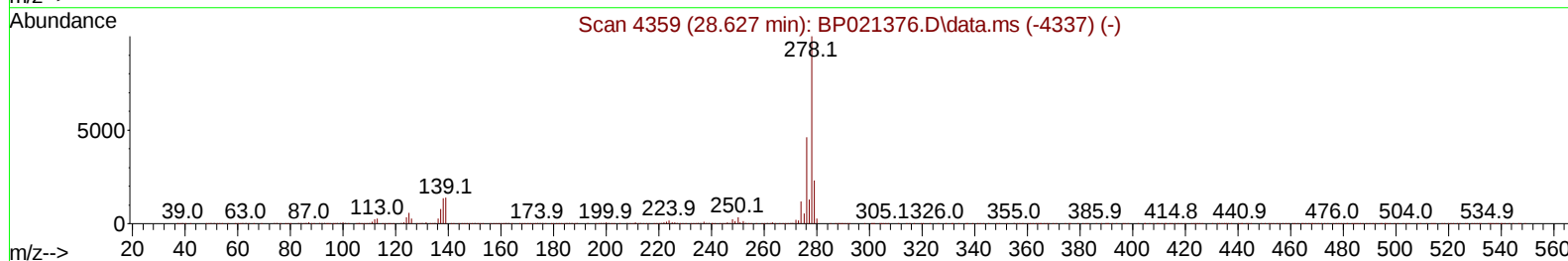
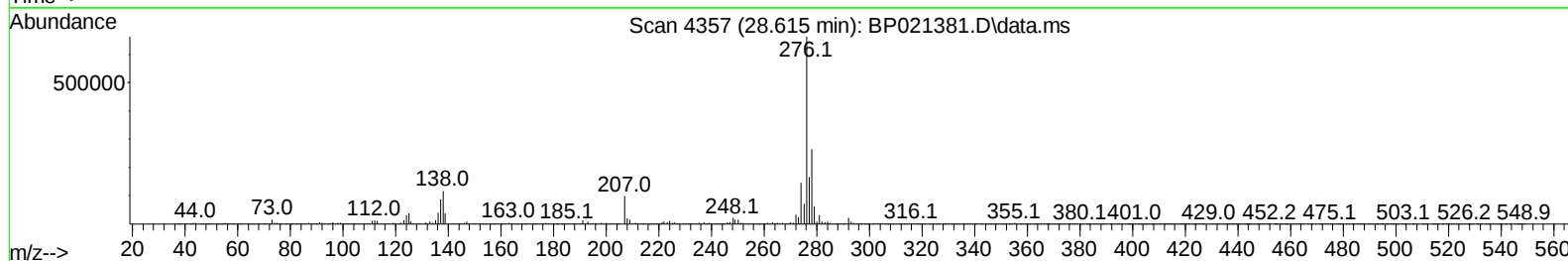
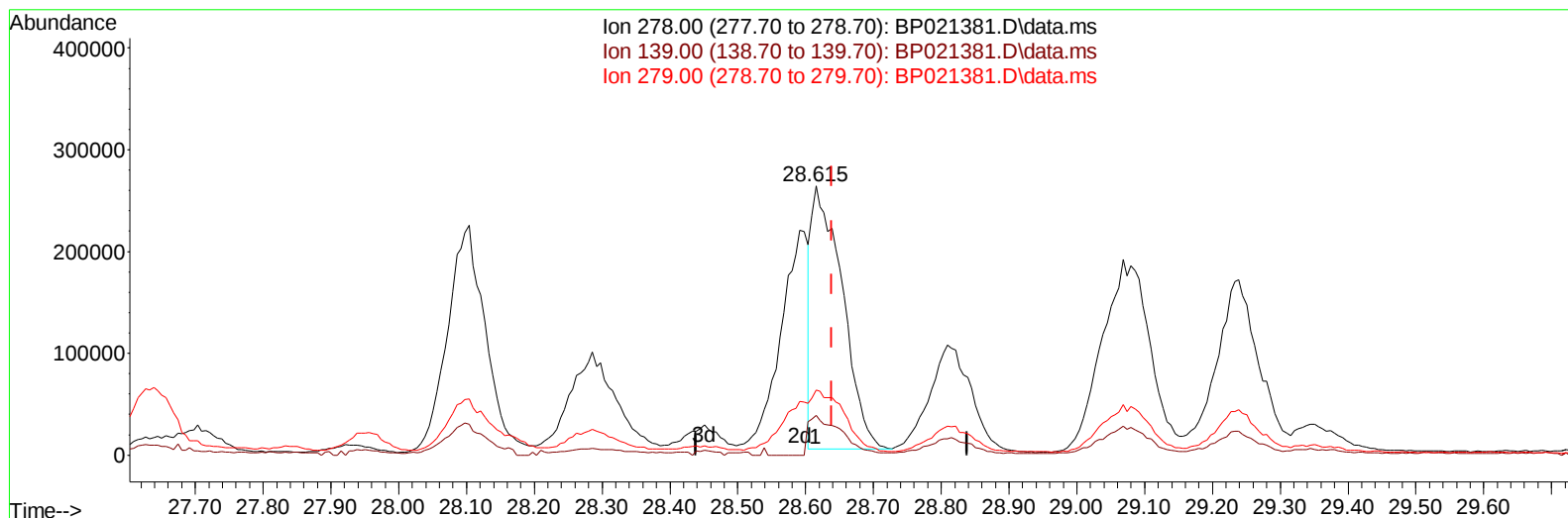
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
Data File : BP021381.D
Acq On : 05 Aug 2024 21:42
Operator : CG/JU
Sample : P3329-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7E20

Manual IntegrationsAPPROVED

Quant Time: Aug 06 00:21:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024



TIC: BP021381.D\data.ms

(95) Dibenzo(a,h)anthracene

28.615min (-0.023) 10.97 ng/u1

response 812107

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.60	14.68
279.00	24.20	24.14
0.00	0.00	0.00

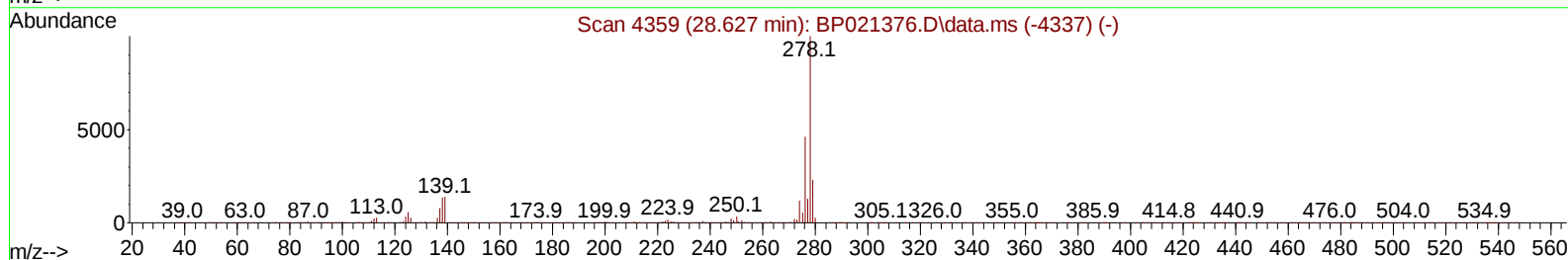
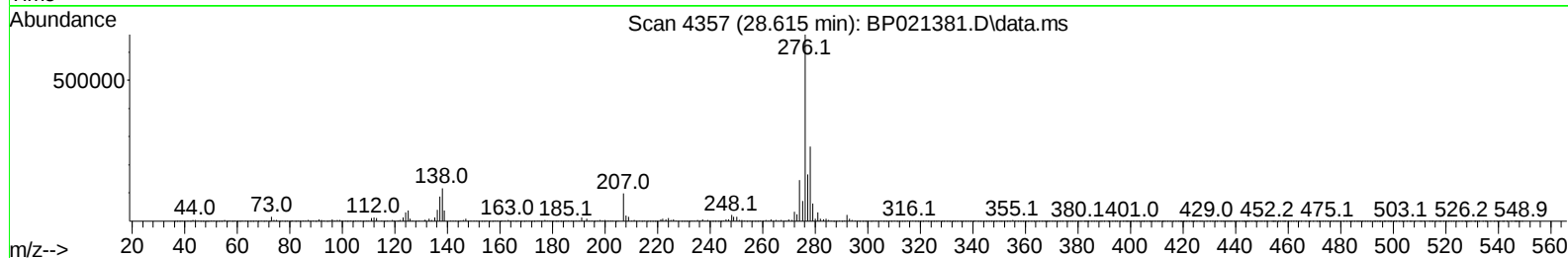
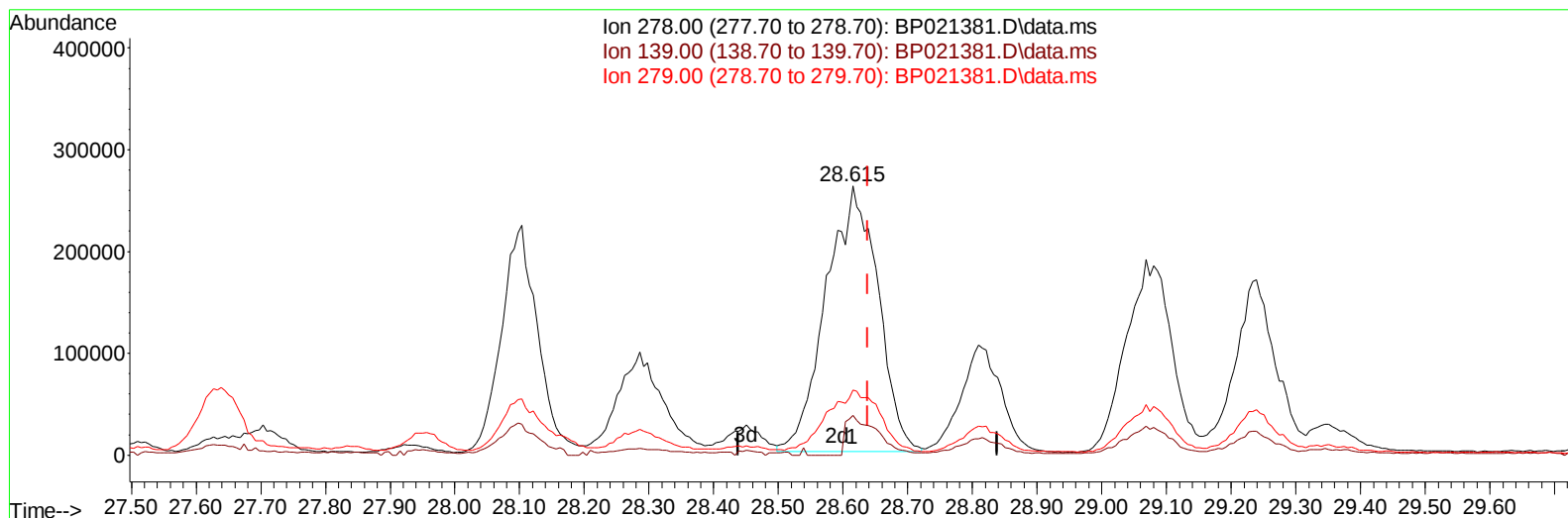
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
 Data File : BP021381.D
 Acq On : 05 Aug 2024 21:42
 Operator : CG/JU
 Sample : P3329-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F7E20

Manual IntegrationsAPPROVED

Quant Time: Aug 06 00:21:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/06/2024
 Supervised By :mohammad ahmed 08/07/2024



TIC: BP021381.D\data.ms

(95) Dibenzo(a,h)anthracene

28.615min (-0.023) 19.61 ng/ul m

response 1451661

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.60	14.68
279.00	24.20	24.14
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
 Data File : BP021381.D
 Acq On : 05 Aug 2024 21:42
 Operator : CG/JU
 Sample : P3329-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F7E20

Manual IntegrationsAPPROVED

Quant Time: Aug 06 00:48:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/06/2024
 Supervised By :mohammad ahmed 08/07/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	160411	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.375	136	669049	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.257	164	471527	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.075	188	1055456	20.000	ng/ul	-0.02
79) Chrysene-d12	21.533	240	944012	20.000	ng/ul	0.00
88) Perylene-d12	24.821	264	1209819	20.000	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	8528	2.419	ng/uL	-0.02
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.852	99	187507	14.338	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	122795	15.494	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.169	132	162554	15.086	ng/ul	-0.01
15) 4-Methylphenol-d8	8.363	113	170275	15.677	ng/ul	0.00
21) Nitrobenzene-d5	8.787	128	78756	15.155	ng/ul	0.00
24) 2-Nitrophenol-d4	9.499	143	93995	15.803	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.075	165	161531	15.019	ng/ul	0.02
31) 4-Chloroaniline-d4	10.575	131	141915	9.960	ng/ul	0.02
46) Dimethylphthalate-d6	13.681	166	598825	17.470	ng/ul	0.00
49) Acenaphthylene-d8	13.945	160	659127	17.125	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.628	143	77161m	15.822	ng/ul	0.04
60) Fluorene-d10	15.281	176	534401	19.004	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	67918	10.635	ng/ul	0.01
73) Anthracene-d10	17.181	188	860395	18.354	ng/ul	-0.01
81) Pyrene-d10	19.569	212	849804	14.561	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.610	264	699324	11.720	ng/ul	0.01
Target Compounds						
					Qvalue	
16) Acetophenone	8.469	105	22651	1.351	ng/ul	97
30) Naphthalene	10.428	128	926409	26.324	ng/ul	100
36) 2-Methylnaphthalene	12.057	142	140105	5.800	ng/ul	97
37) 1-Methylnaphthalene	12.269	142	71098	2.862	ng/ul	97
43) 1,1'-Biphenyl	13.087	154	42797	1.242	ng/ul	97
50) Acenaphthylene	13.975	152	907341	20.821	ng/ul	99
52) Acenaphthene	14.322	153	155260	5.368	ng/ul	98
56) Dibenzofuran	14.681	168	179854	4.541	ng/ul	96
61) Fluorene	15.339	166	125501	3.883	ng/ul	99
72) Phenanthrene	17.122	178	643999	11.762	ng/ul	99
74) Anthracene	17.216	178	592108	10.608	ng/ul	99
77) Carbazole	17.522	167	173965	3.813	ng/ul#	91
80) Fluoranthene	19.222	202	9748804	138.317	ng/ul	98
82) Pyrene	19.604	202	14669238	204.530	ng/ul	100
85) Benzo(a)anthracene	21.516	228	9702823	146.727	ng/ul	97
87) Chrysene	21.586	228	9533114	155.142	ng/ul	97
90) Benzo(b)fluoranthene	23.810	252	13838986	188.497	ng/ul	98
91) Benzo(k)fluoranthene	23.863	252	5524249m	75.397	ng/ul	
93) Benzo(a)pyrene	24.686	252	3945511	56.870	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.592	276	3674773m	41.105	ng/ul	
95) Dibenzo(a,h)anthracene	28.615	278	1451661m	19.609	ng/ul	
96) Benzo(g,h,i)perylene	29.756	276	448978	6.167	ng/ul	94

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
Data File : BP021381.D
Acq On : 05 Aug 2024 21:42
Operator : CG/JU
Sample : P3329-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7E20

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024

Quant Time: Aug 06 00:48:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

Compound	R.T.	Q	Ion	Response	Conc	Units	Dev	(Min)
----------	------	---	-----	----------	------	-------	-----	-------

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
 Data File : BP021381.D
 Acq On : 05 Aug 2024 21:42
 Operator : CG/JU
 Sample : P3329-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F7E20

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/06/2024
 Supervised By :mohammad ahmed 08/07/2024

Quant Time: Aug 06 00:48:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

