

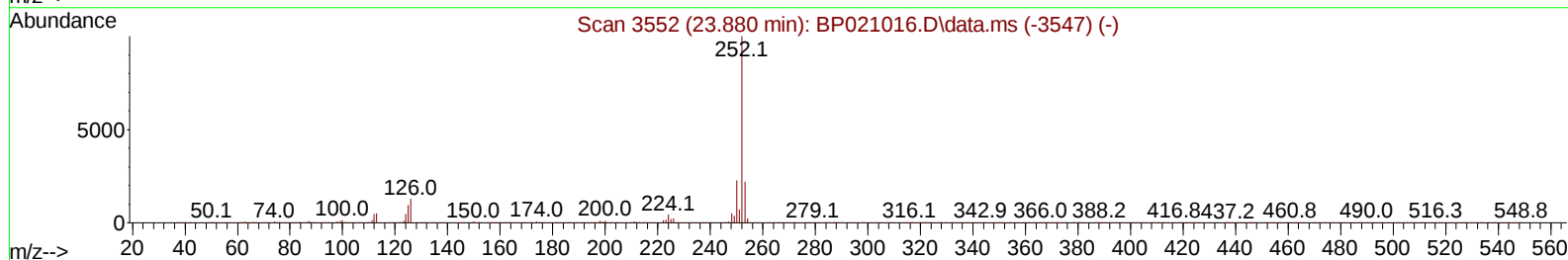
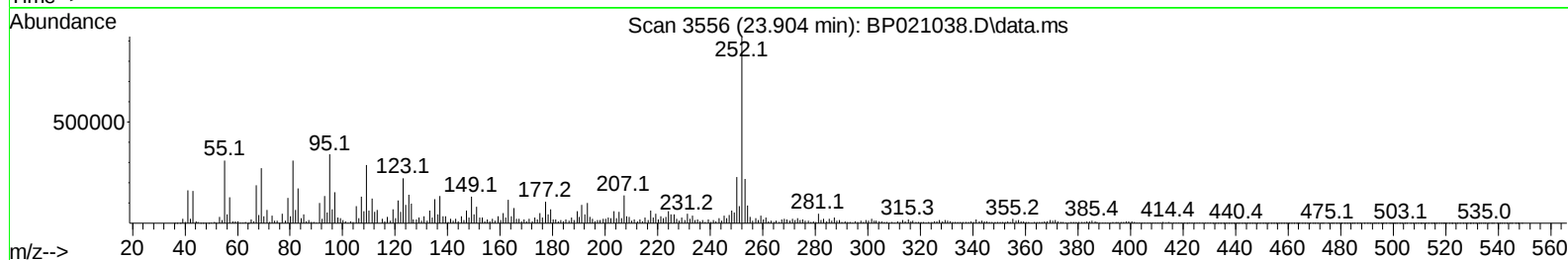
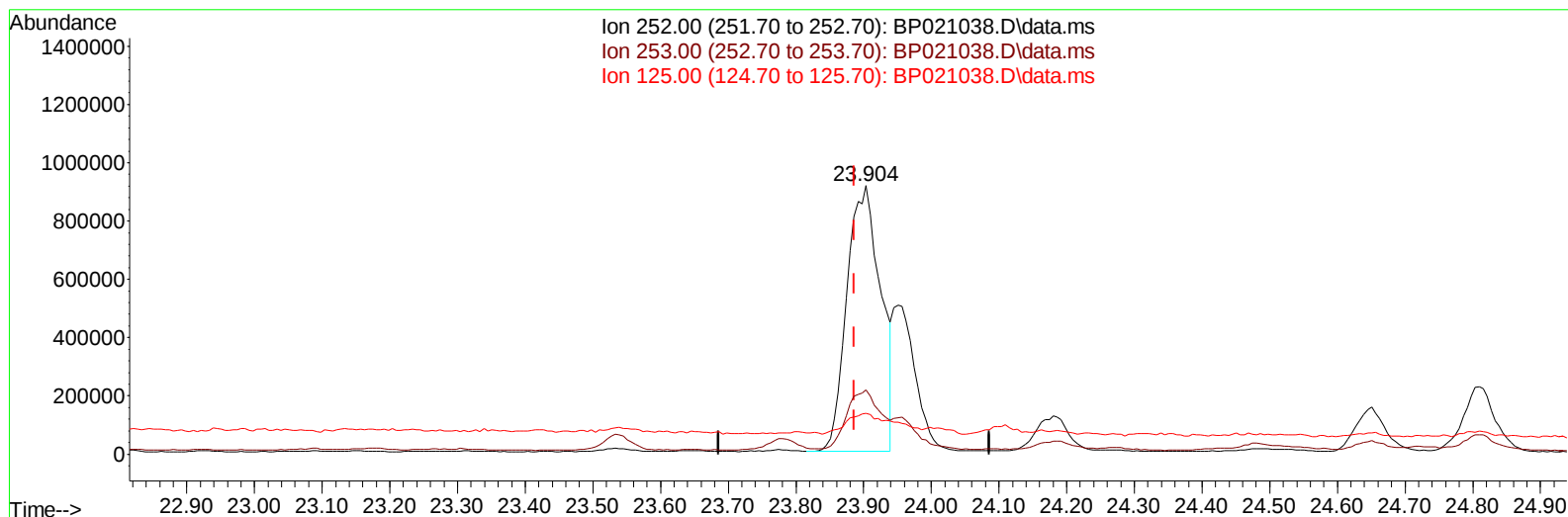
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
Data File : BP021038.D
Acq On : 18 Jul 2024 06:30
Operator : MA/JU
Sample : P3215-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4D44

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

Quant Time: Jul 18 06:58:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 06:57:29 2024
Response via : Initial Calibration



TIC: BP021038.D\data.ms

(91) Benzo(k)fluoranthene

23.904min (+ 0.017) 42.32 ng/u1

response 3150377

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	23.84
125.00	9.20	15.31#
0.00	0.00	0.00

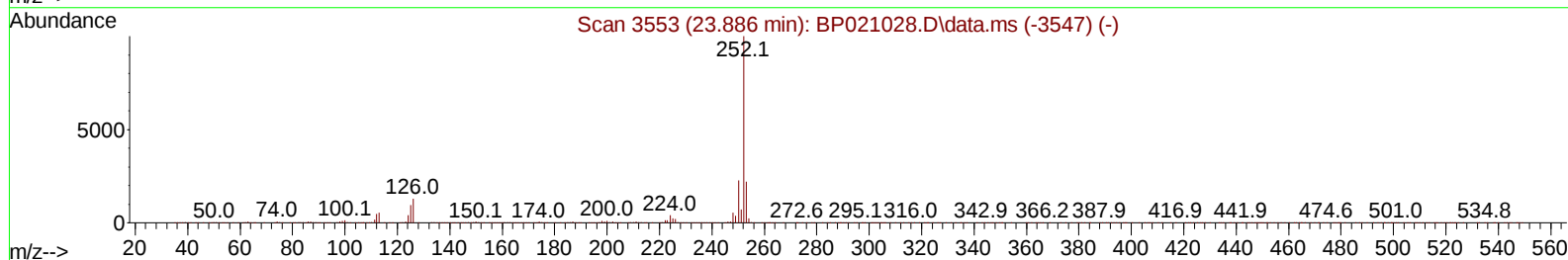
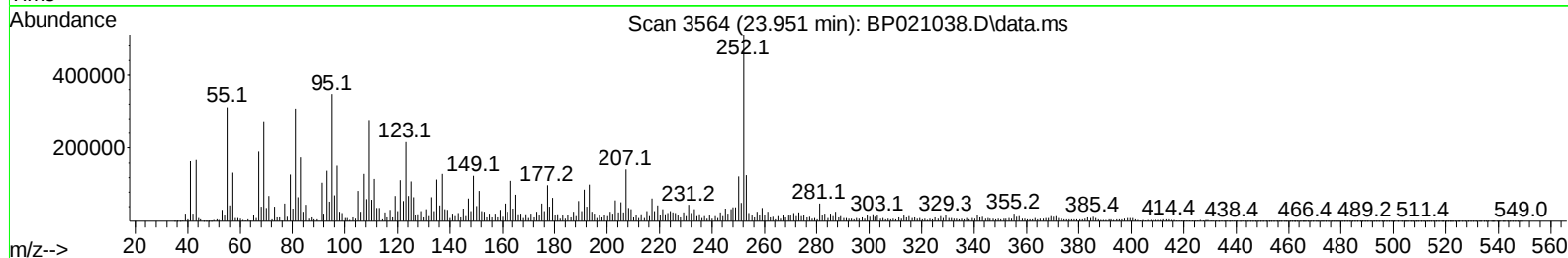
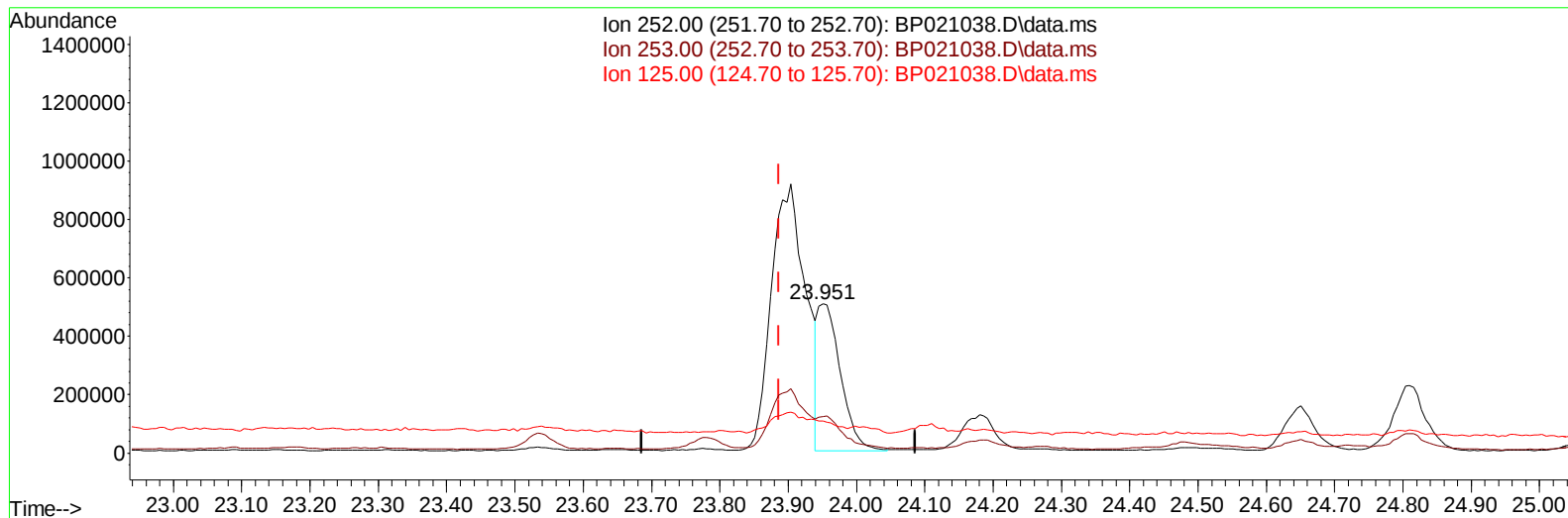
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
Data File : BP021038.D
Acq On : 18 Jul 2024 06:30
Operator : MA/JU
Sample : P3215-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4D44

Manual IntegrationsAPPROVED

Quant Time: Jul 18 07:00:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 06:57:29 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BP021038.D\data.ms

(91) Benzo(k)fluoranthene

23.951min (+ 0.065) 15.53 ng/ul m

response 1155858

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	24.67
125.00	9.20	21.38#
0.00	0.00	0.00

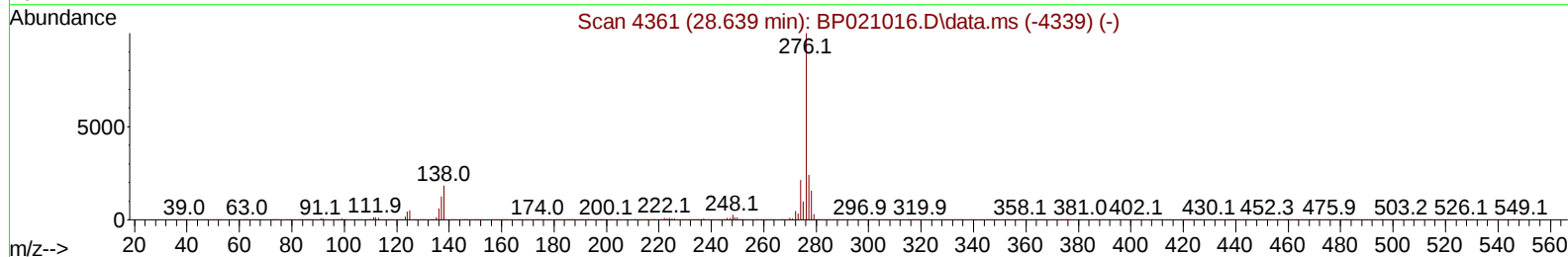
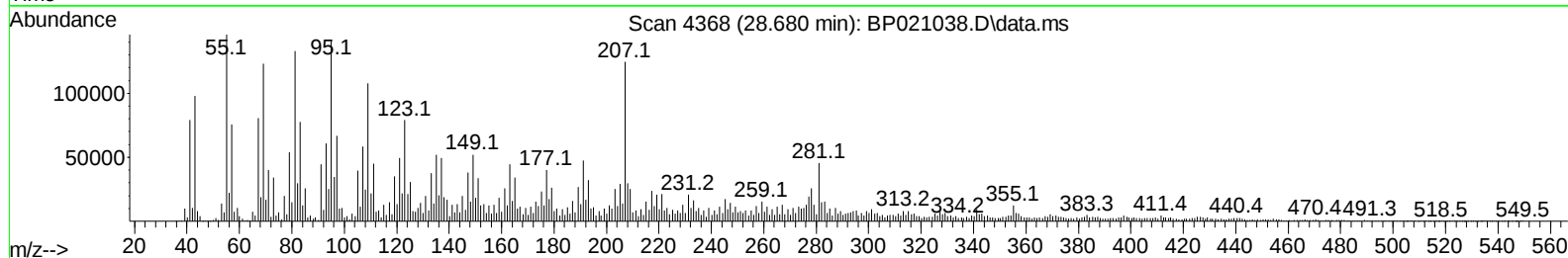
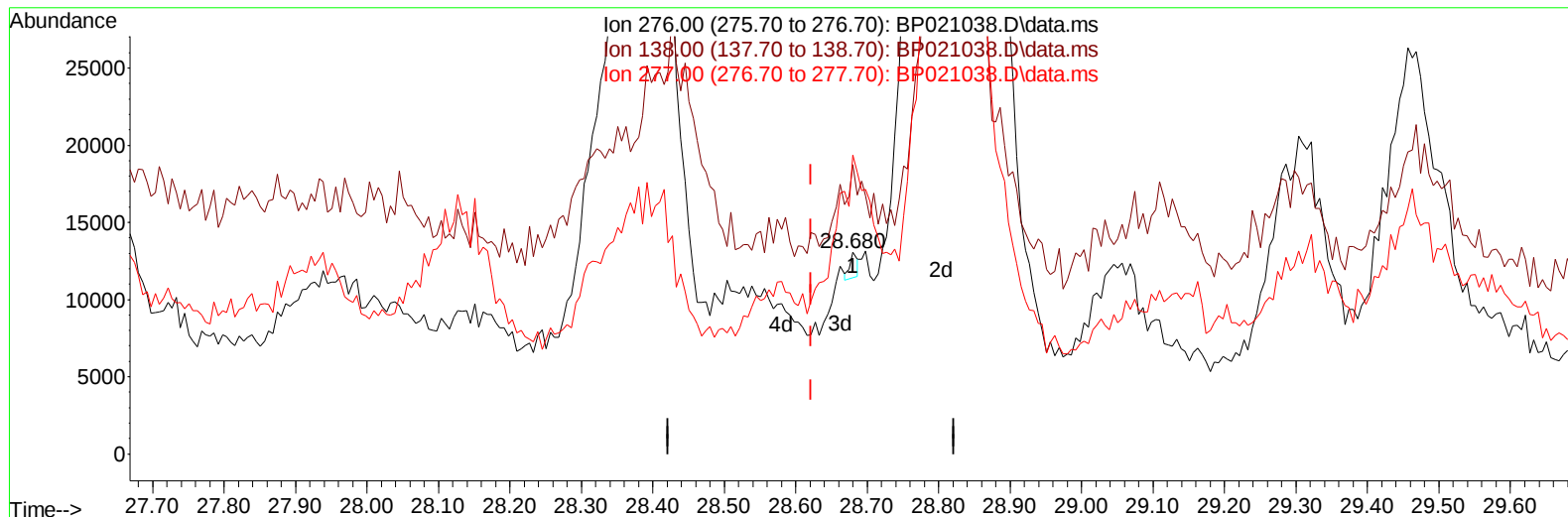
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
Data File : BP021038.D
Acq On : 18 Jul 2024 06:30
Operator : MA/JU
Sample : P3215-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4D44

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

Quant Time: Jul 18 06:58:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 06:57:29 2024
Response via : Initial Calibration



TIC: BP021038.D\data.ms

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

28.680min (+ 0.059) 0.01 ng/u1

response 1221

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.90	143.64#
277.00	24.00	148.36#
0.00	0.00	0.00

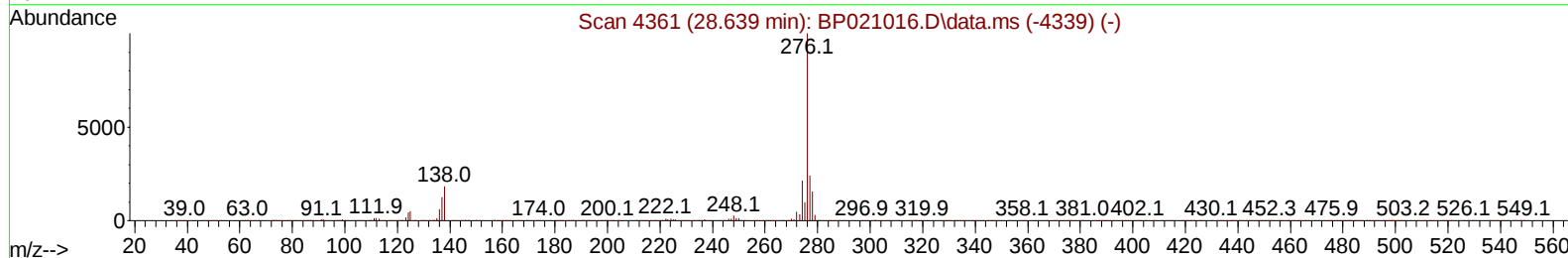
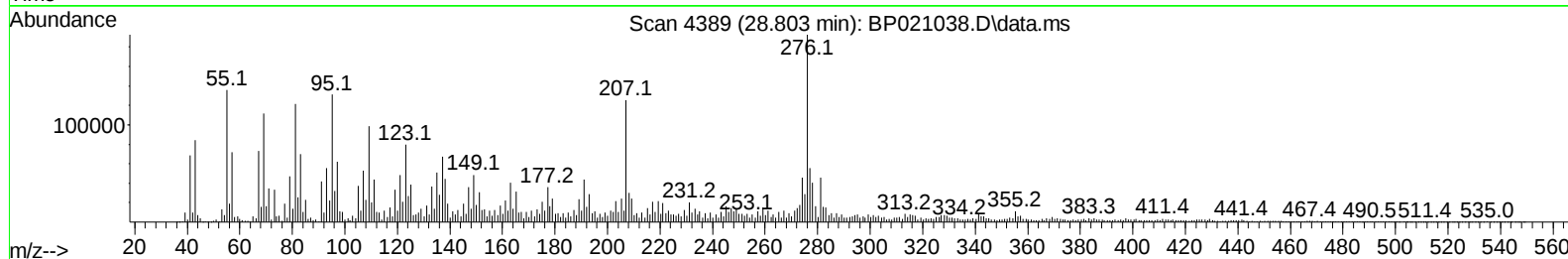
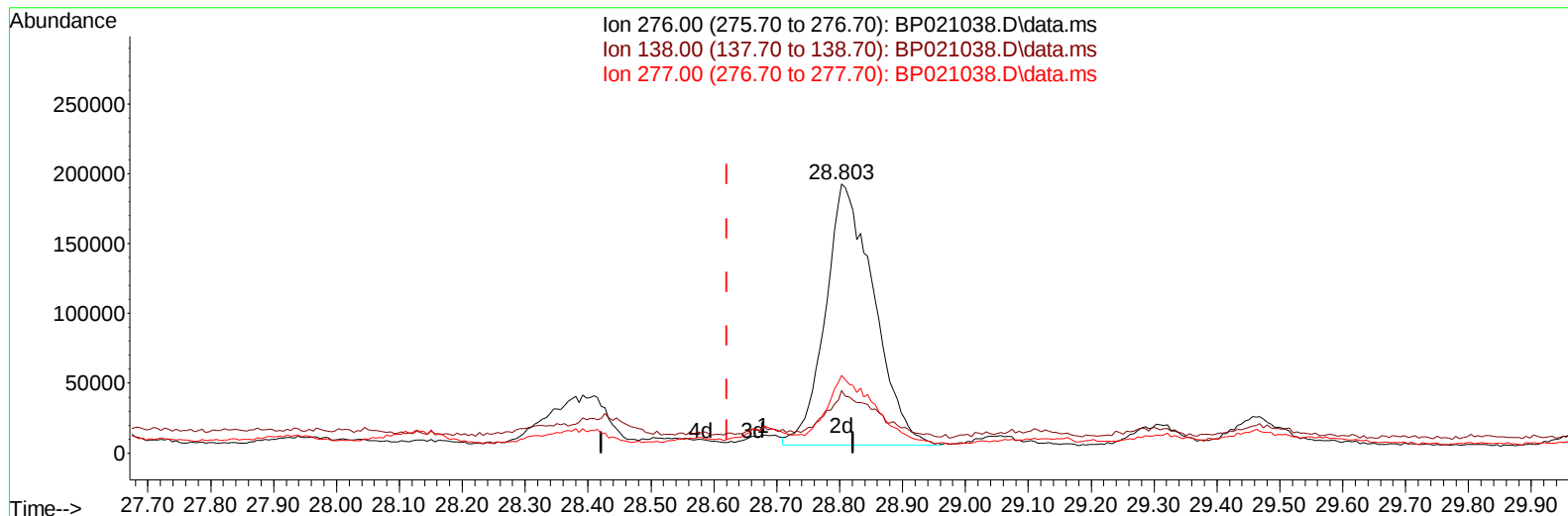
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
Data File : BP021038.D
Acq On : 18 Jul 2024 06:30
Operator : MA/JU
Sample : P3215-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4D44

Manual IntegrationsAPPROVED

Quant Time: Jul 18 06:58:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 06:57:29 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BP021038.D\data.ms

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

28.803min (+ 0.182) 11.01 ng/ul m

response 1000137

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.90	23.23#
277.00	24.00	29.00#
0.00	0.00	0.00

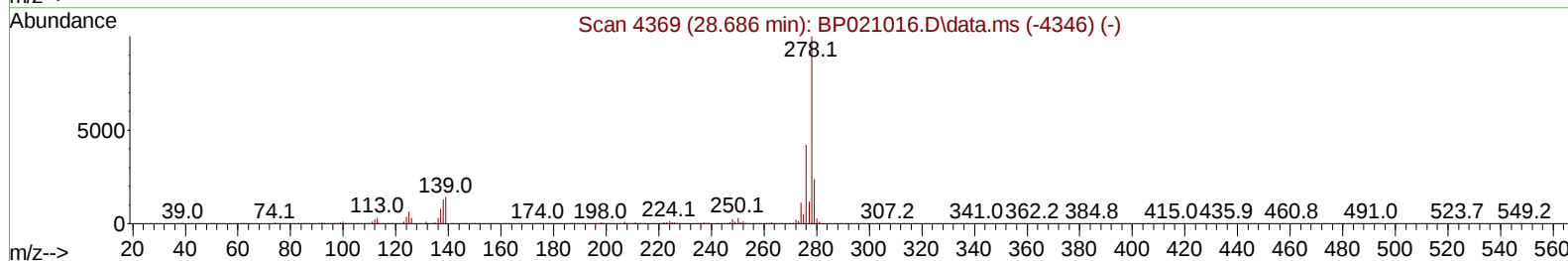
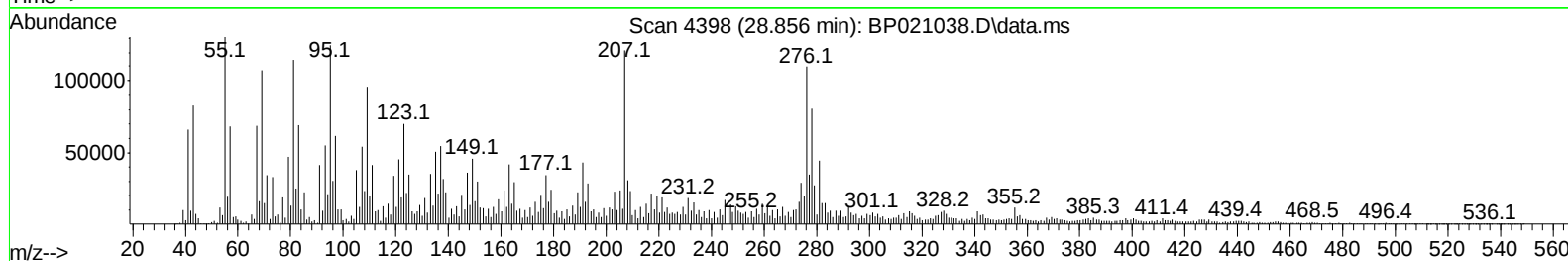
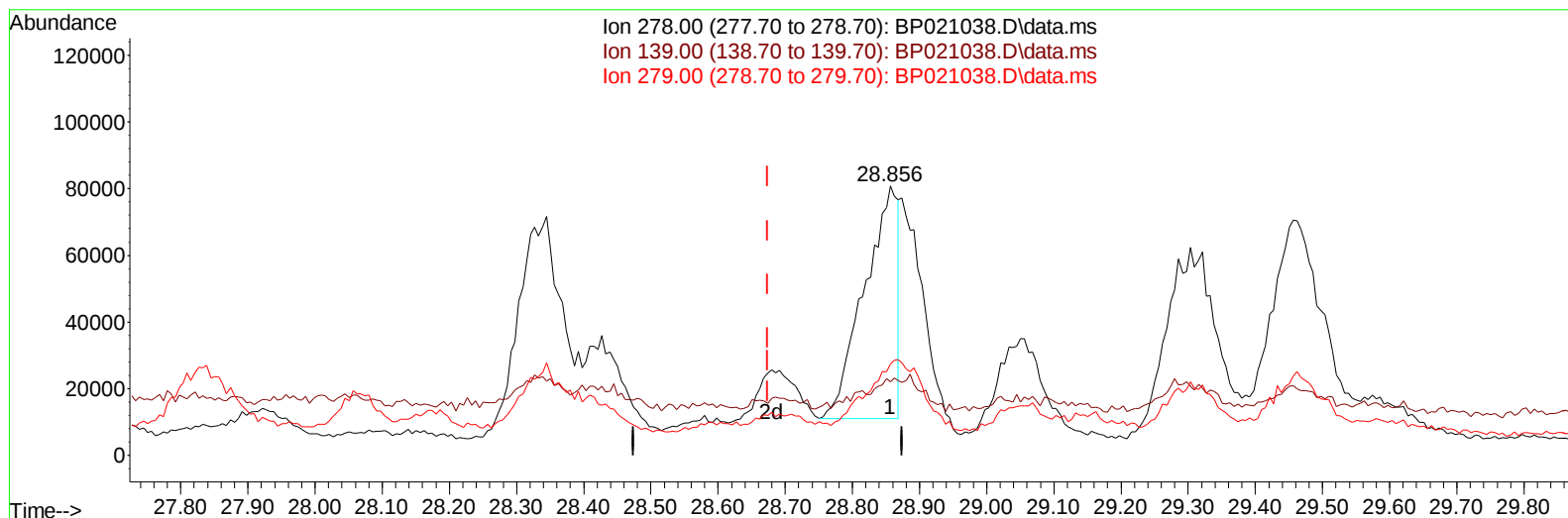
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
Data File : BP021038.D
Acq On : 18 Jul 2024 06:30
Operator : MA/JU
Sample : P3215-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4D44

Manual IntegrationsAPPROVED

Quant Time: Jul 18 06:58:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 06:57:29 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BP021038.D\data.ms

(95) Dibenzo(a,h)anthracene

28.856min (+ 0.182) 3.25 ng/u1

response 244638

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.60	27.34#
279.00	24.20	33.79#
0.00	0.00	0.00

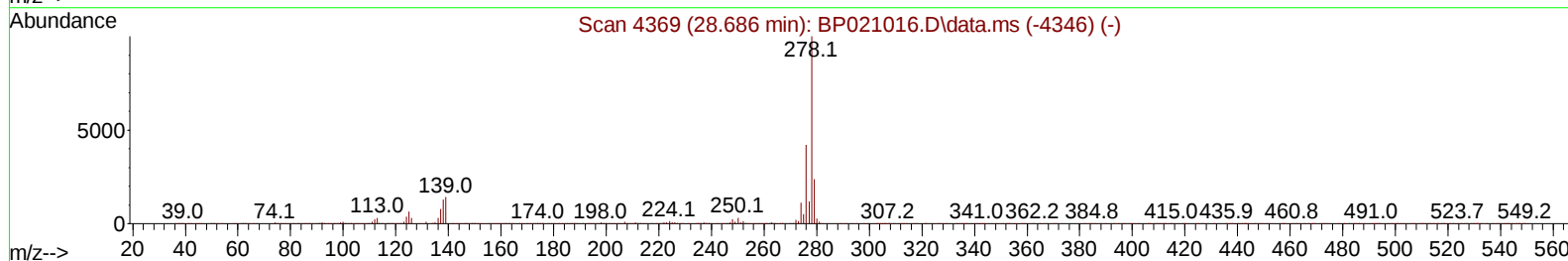
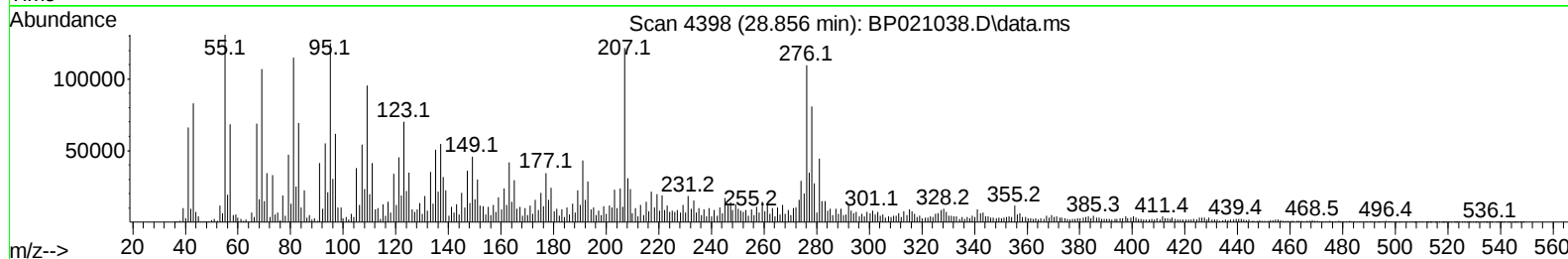
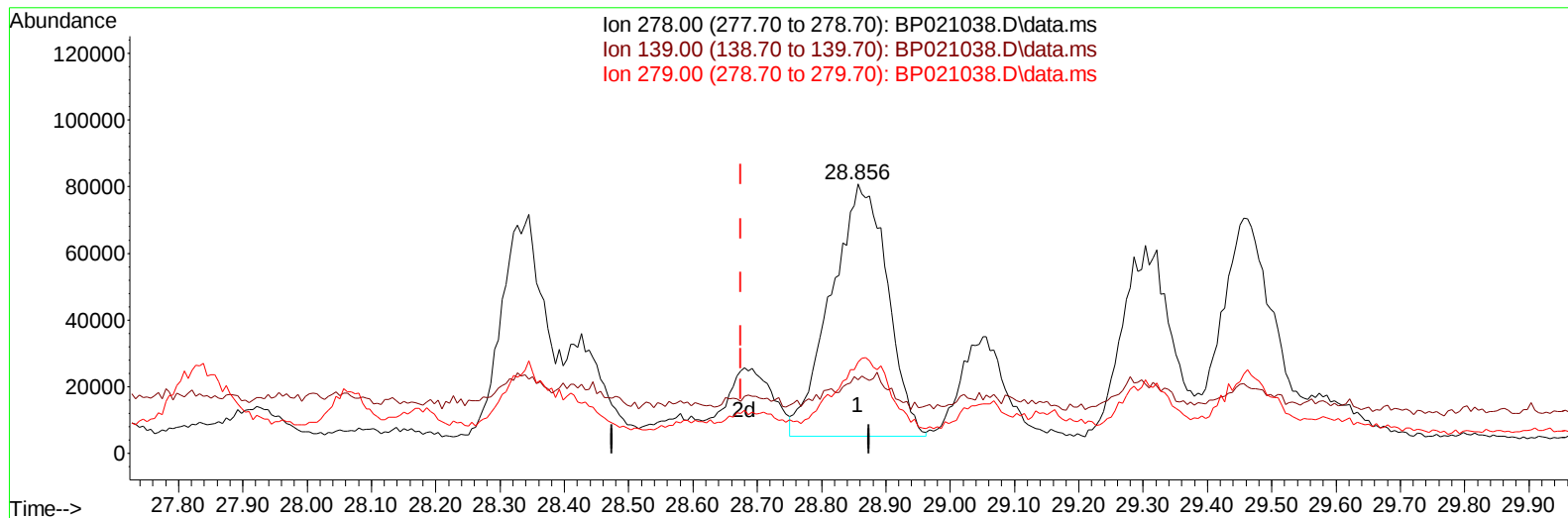
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
Data File : BP021038.D
Acq On : 18 Jul 2024 06:30
Operator : MA/JU
Sample : P3215-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4D44

Manual IntegrationsAPPROVED

Quant Time: Jul 18 06:58:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 06:57:29 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BP021038.D\data.ms

(95) Dibenzo(a,h)anthracene

28.856min (+ 0.182) 6.13 ng/ul m

response 460702

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.60	27.34#
279.00	24.20	33.79#
0.00	0.00	0.00

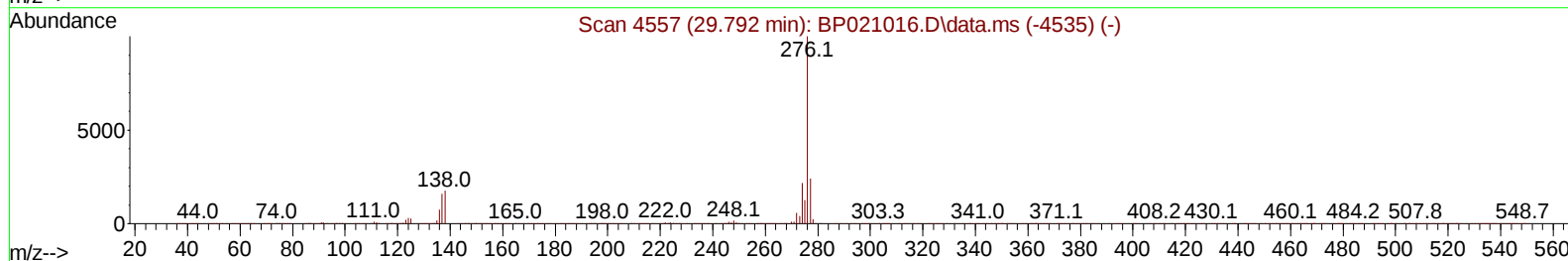
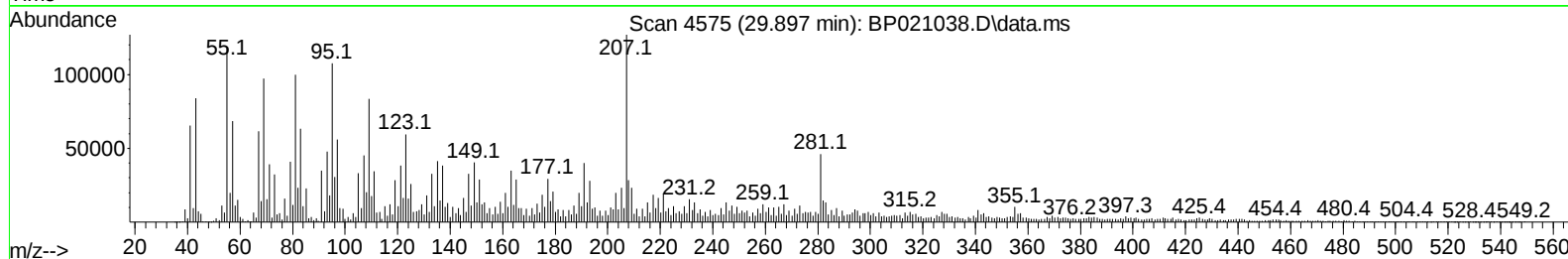
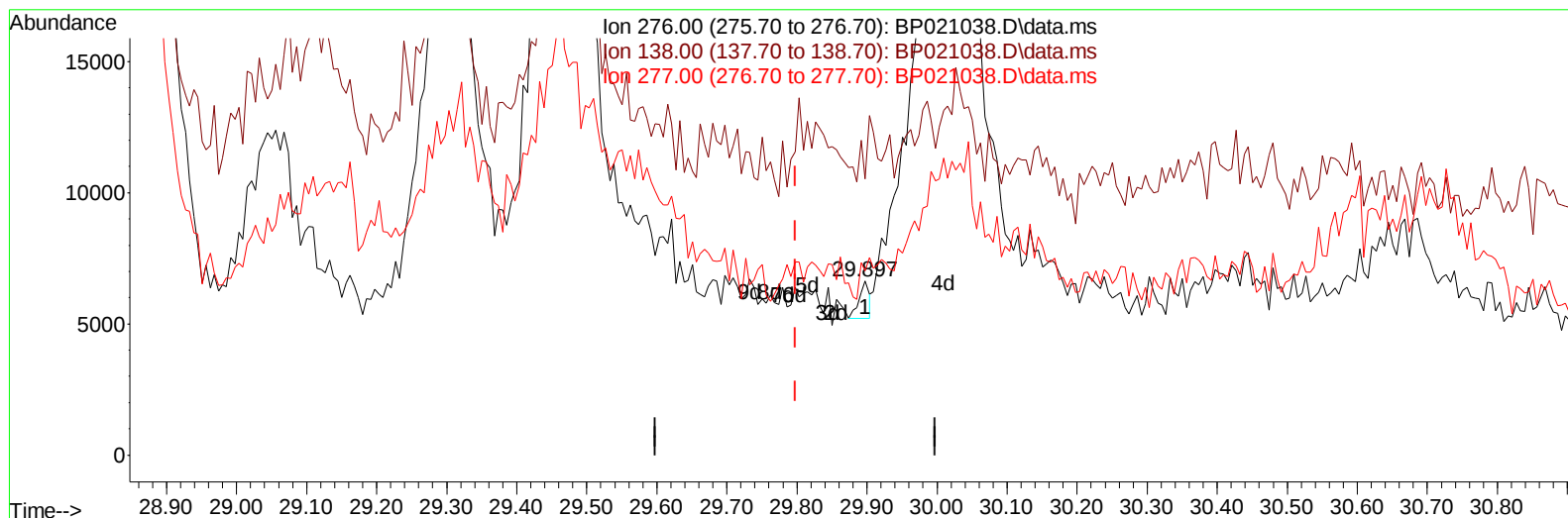
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
 Data File : BP021038.D
 Acq On : 18 Jul 2024 06:30
 Operator : MA/JU
 Sample : P3215-16
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4D44

Manual IntegrationsAPPROVED

Quant Time: Jul 18 06:58:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 18 06:57:29 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024



TIC: BP021038.D\data.ms

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

29.897min (+ 0.100) 0.02 ng/u1

response 1438

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.10	158.56#
277.00	22.70	105.75#
0.00	0.00	0.00

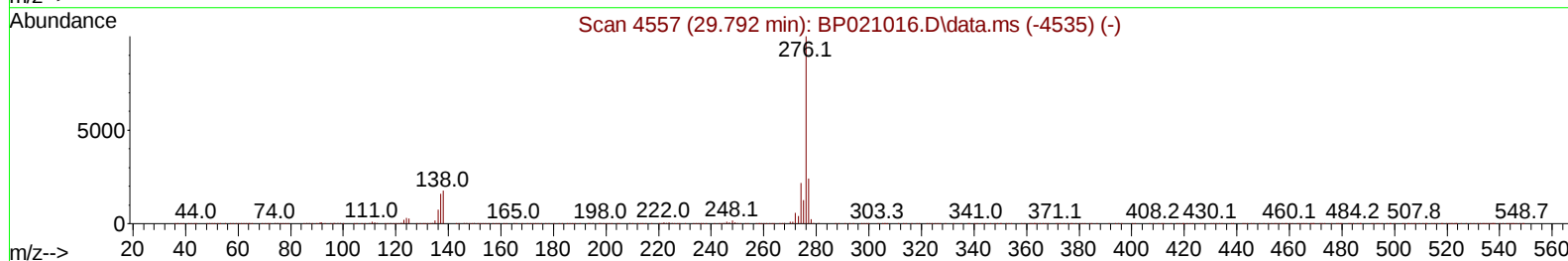
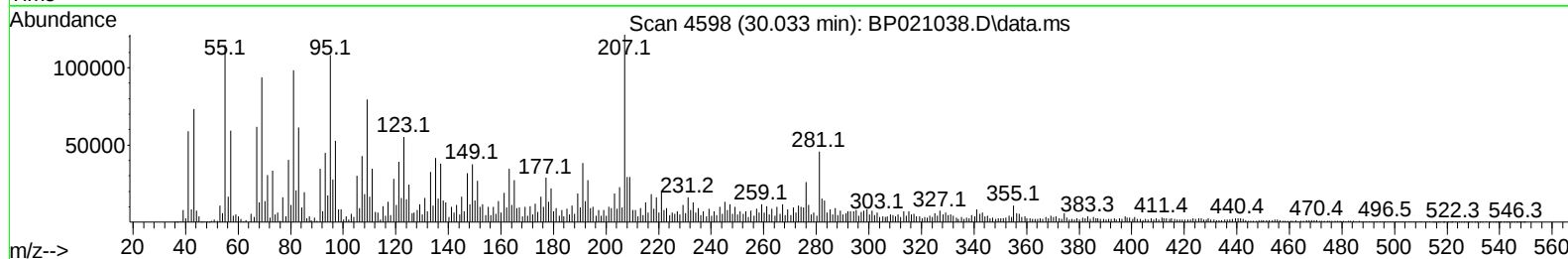
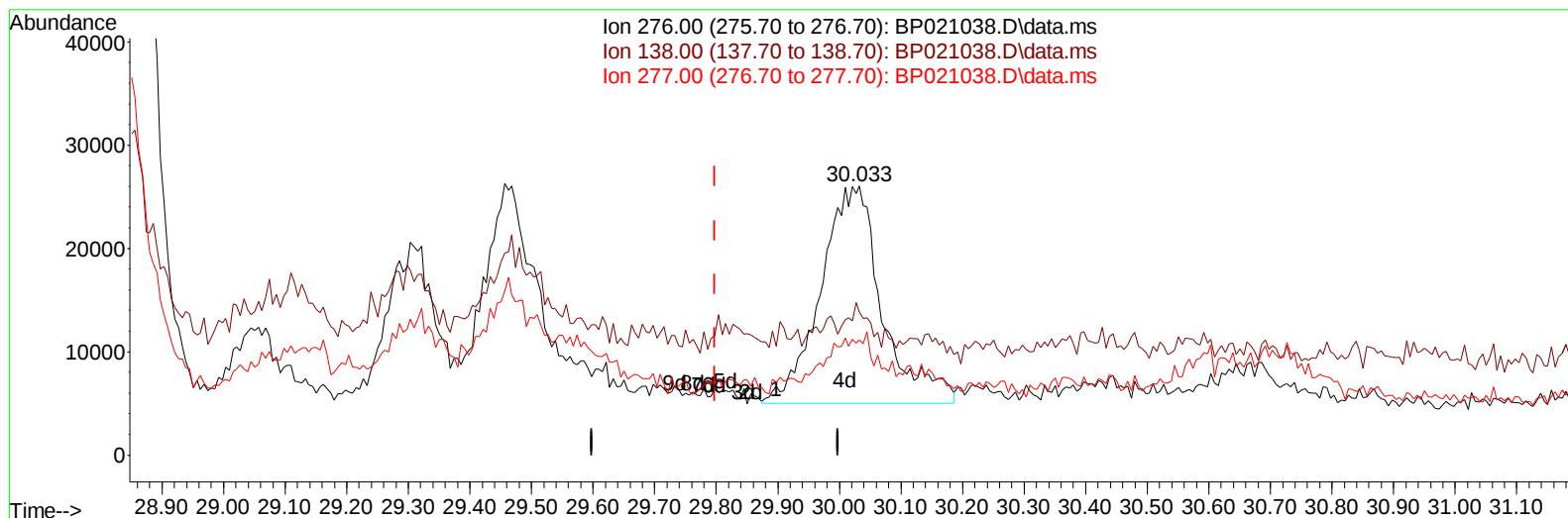
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
Data File : BP021038.D
Acq On : 18 Jul 2024 06:30
Operator : MA/JU
Sample : P3215-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4D44

Manual IntegrationsAPPROVED

Quant Time: Jul 18 06:58:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 06:57:29 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BP021038.D\data.ms

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

30.033min (+ 0.235) 1.97 ng/u1 m

response 145641

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.10	53.28#
277.00	22.70	42.79#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
 Data File : BP021038.D
 Acq On : 18 Jul 2024 06:30
 Operator : MA/JU
 Sample : P3215-16
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4D44

Manual IntegrationsAPPROVED

Quant Time: Jul 18 07:00:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 18 06:57:29 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	233852	20.000	ng/ul	0.00
20) Naphthalene-d8	10.457	136	931207	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.304	164	591604	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.128	188	1135874	20.000	ng/ul	0.00
79) Chrysene-d12	21.598	240	993363	20.000	ng/ul	# 0.04
88) Perylene-d12	24.980	264	1229043	20.000	ng/ul	# 0.10
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	18605	3.620	ng/uL	0.00
4) Pyridine-d5	3.675	84	122919	8.262	ng/ul	0.02
7) Phenol-d5	6.910	99	498780	26.162	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.046	67	294702	25.506	ng/ul	0.01
11) 2-Chlorophenol-d4	7.246	132	425102	27.062	ng/ul	0.01
15) 4-Methylphenol-d8	8.416	113	368202	23.253	ng/ul	0.02
21) Nitrobenzene-d5	8.852	128	210415	29.092	ng/ul	0.02
24) 2-Nitrophenol-d4	9.552	143	245248	29.625	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.110	165	424513	28.359	ng/ul	0.03
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.716	166	1314202	30.558	ng/ul	0.00
49) Acenaphthylene-d8	13.998	160	1445424	29.932	ng/ul	0.00
54) 4-Nitrophenol-d4	14.604	143	178398	29.155	ng/ul	0.03
60) Fluorene-d10	15.322	176	1110776	31.483	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.486	200	93421	13.593	ng/ul	0.02
73) Anthracene-d10	17.228	188	1559697	30.916	ng/ul	0.00
81) Pyrene-d10	19.627	212	1168459	19.026	ng/ul	0.02
92) Benzo(a)pyrene-d12	24.727	264	830062	13.694	ng/ul	0.09
Target Compounds						
					Qvalue	
6) Benzaldehyde	6.869	77	12171	1.266	ng/ul	94
30) Naphthalene	10.504	128	73325	1.497	ng/ul	99
36) 2-Methylnaphthalene	12.110	142	38757	1.153	ng/ul	99
50) Acenaphthylene	14.028	152	230534	4.216	ng/ul	98
52) Acenaphthene	14.369	153	56655	1.561	ng/ul	95
56) Dibenzofuran	14.716	168	57237	1.152	ng/ul	100
61) Fluorene	15.381	166	70589	1.741	ng/ul#	95
72) Phenanthrene	17.169	178	1389972	23.589	ng/ul	98
74) Anthracene	17.263	178	429325	7.147	ng/ul	95
77) Carbazole	17.563	167	146016	2.973	ng/ul#	90
78) Di-n-butylphthalate	18.128	149	89938	1.327	ng/ul#	80
80) Fluoranthene	19.280	202	3543424	47.777	ng/ul	96
82) Pyrene	19.657	202	1959682	25.966	ng/ul	96
85) Benzo(a)anthracene	21.574	228	1823985	26.212	ng/ul#	93
86) Bis(2-ethylhexyl)phtha...	21.492	149	542389	11.986	ng/ul#	98
87) Chrysene	21.645	228	2021184	31.259	ng/ul#	95
90) Benzo(b)fluoranthene	23.904	252	3150377	42.239	ng/ul#	91
91) Benzo(k)fluoranthene	23.951	252	1155858m	15.529	ng/ul	
93) Benzo(a)pyrene	24.810	252	733571	10.408	ng/ul#	70
94) Indeno(1,2,3-cd)pyrene	28.803	276	1000137m	11.012	ng/ul	
95) Dibenzo(a,h)anthracene	28.856	278	460702m	6.126	ng/ul	
96) Benzo(g,h,i)perylene	30.033	276	145641m	1.969	ng/ul	

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
Data File : BP021038.D
Acq On : 18 Jul 2024 06:30
Operator : MA/JU
Sample : P3215-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4D44

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

Quant Time: Jul 18 07:00:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 06:57:29 2024
Response via : Initial Calibration

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

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

