

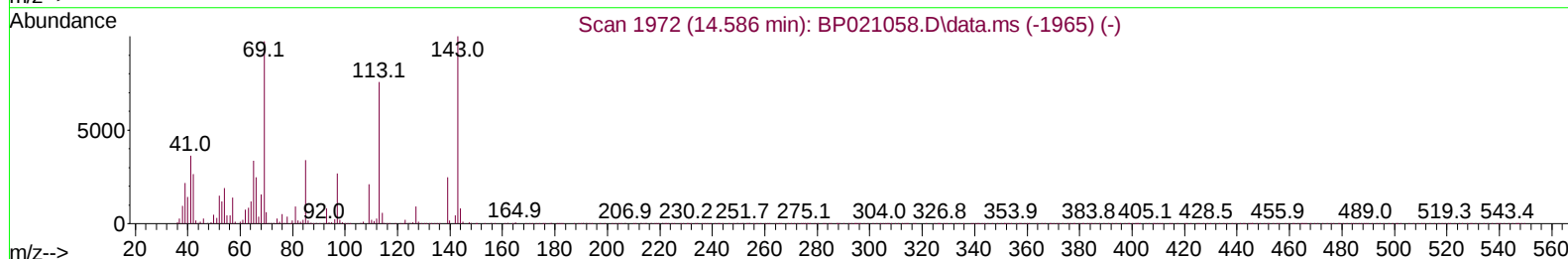
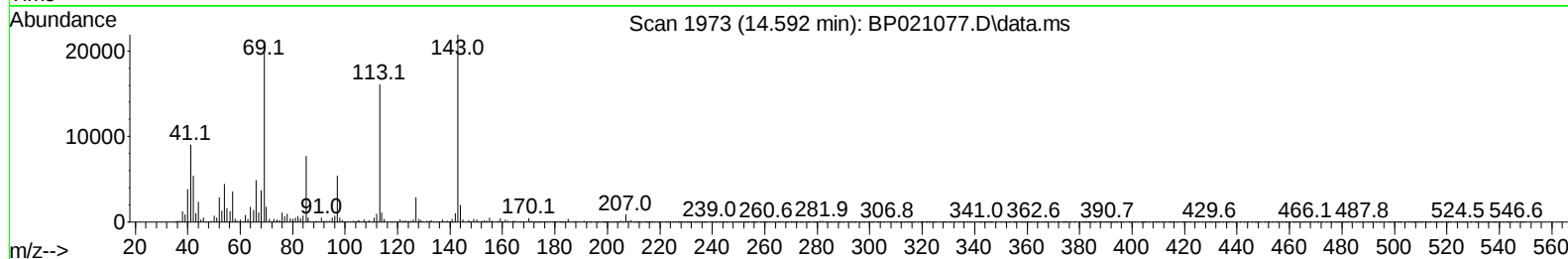
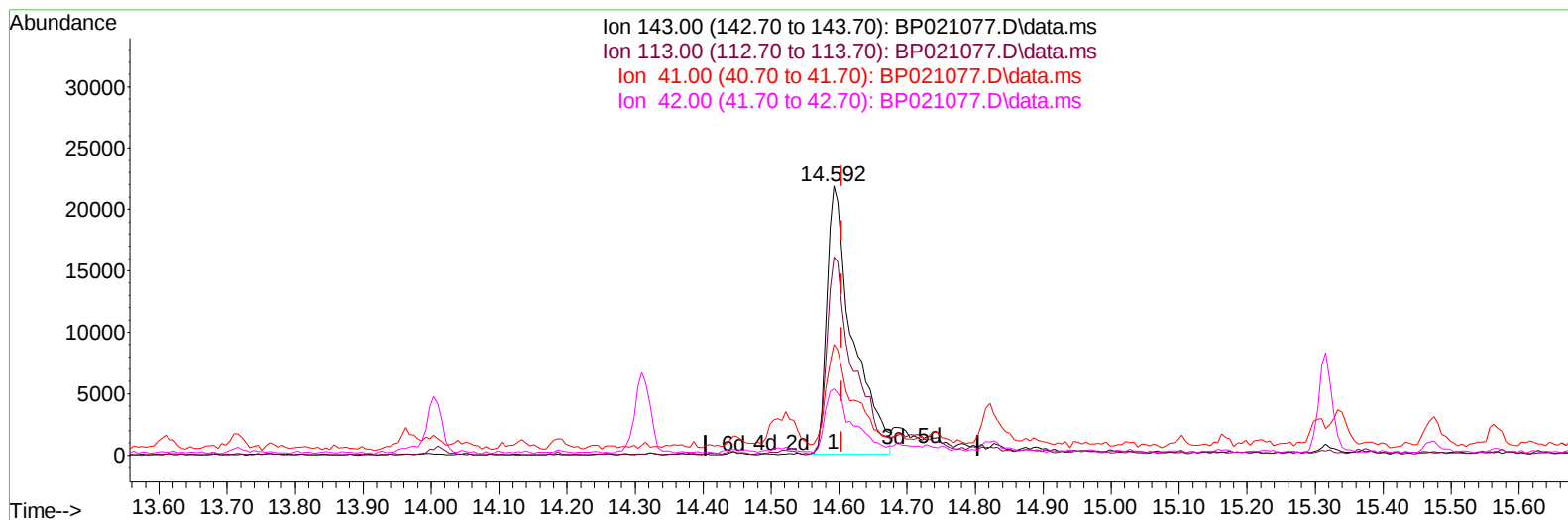
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021077.D
Acq On : 19 Jul 2024 14:16
Operator : MA/JU
Sample : P3238-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BF3

Manual IntegrationsAPPROVED

Quant Time: Jul 20 00:35:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 14:23:21 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



TIC: BP021077.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.592min (-0.012) 14.57 ng/u1

response 57368

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	74.70	73.65
41.00	37.90	41.23
42.00	27.10	24.71

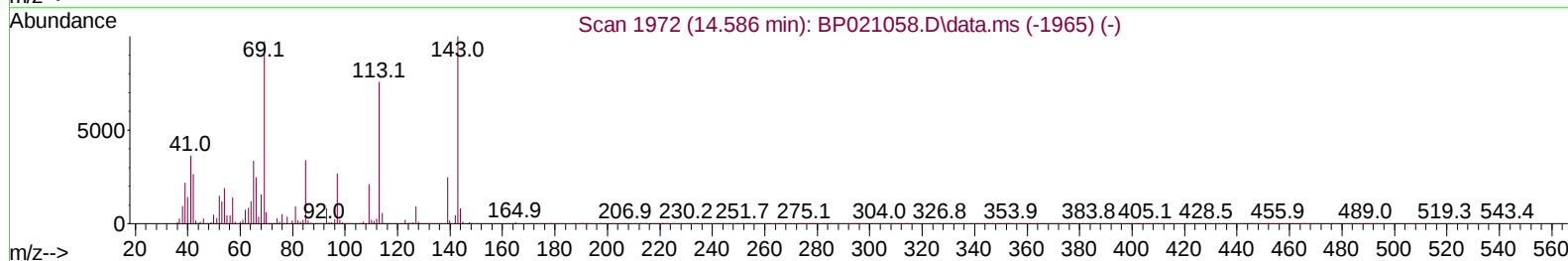
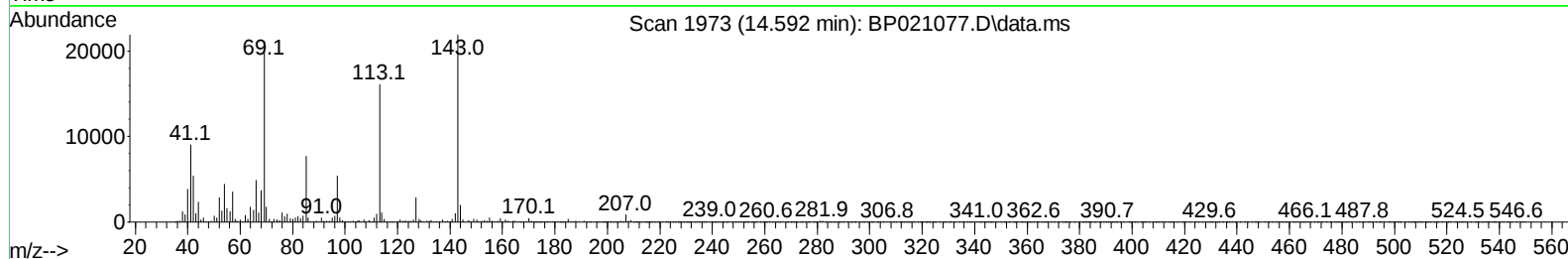
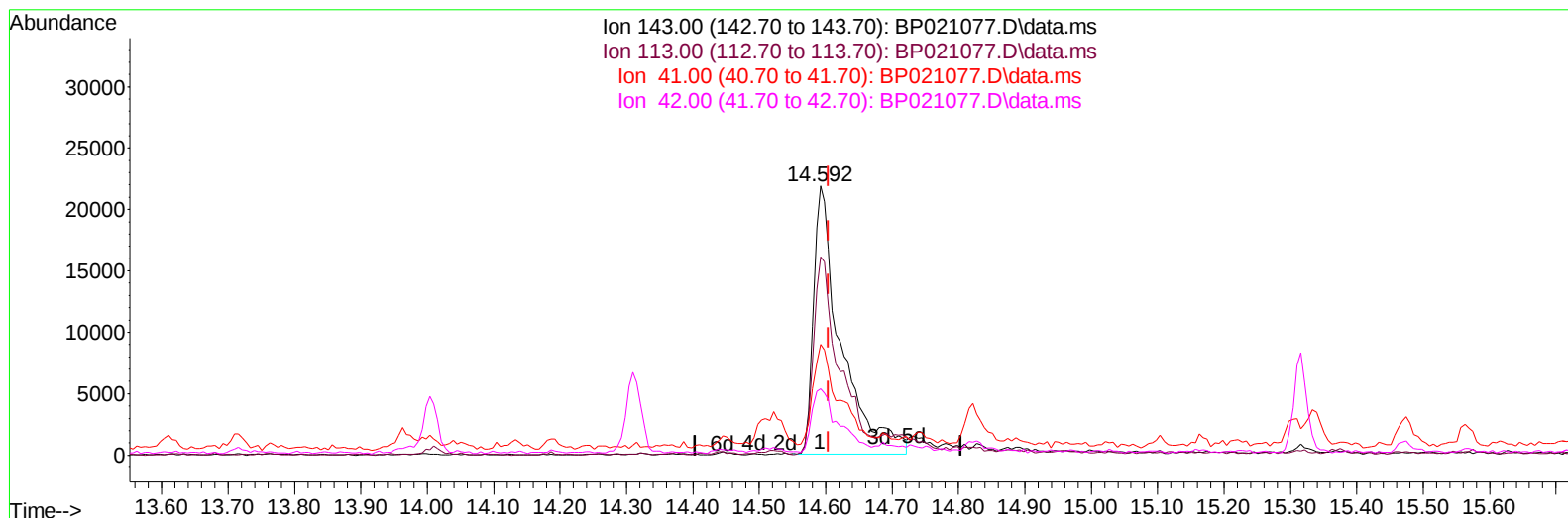
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021077.D
Acq On : 19 Jul 2024 14:16
Operator : MA/JU
Sample : P3238-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BF3

Manual IntegrationsAPPROVED

Quant Time: Jul 20 00:35:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 14:23:21 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



TIC: BP021077.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.592min (-0.012) 15.87 ng/ul m

response 62474

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	74.70	73.65
41.00	37.90	41.23
42.00	27.10	24.71

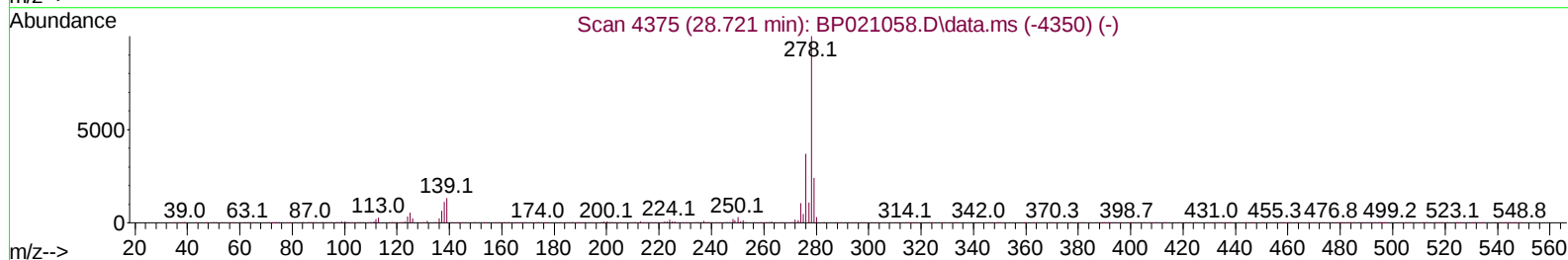
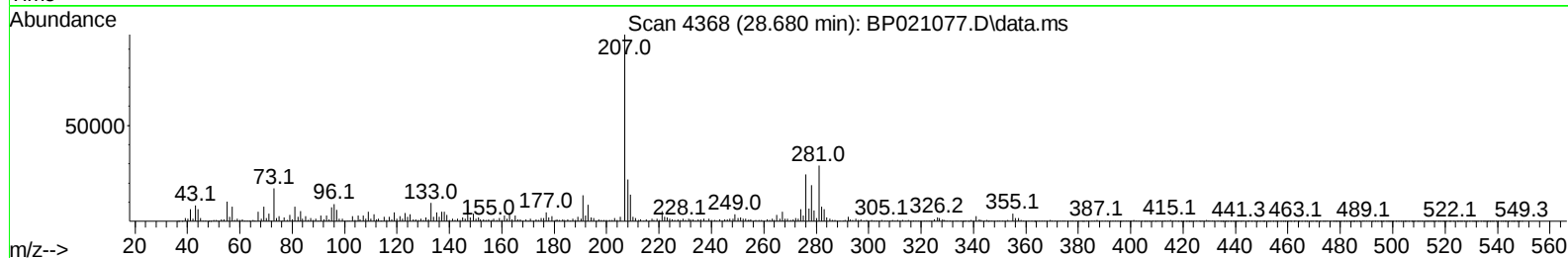
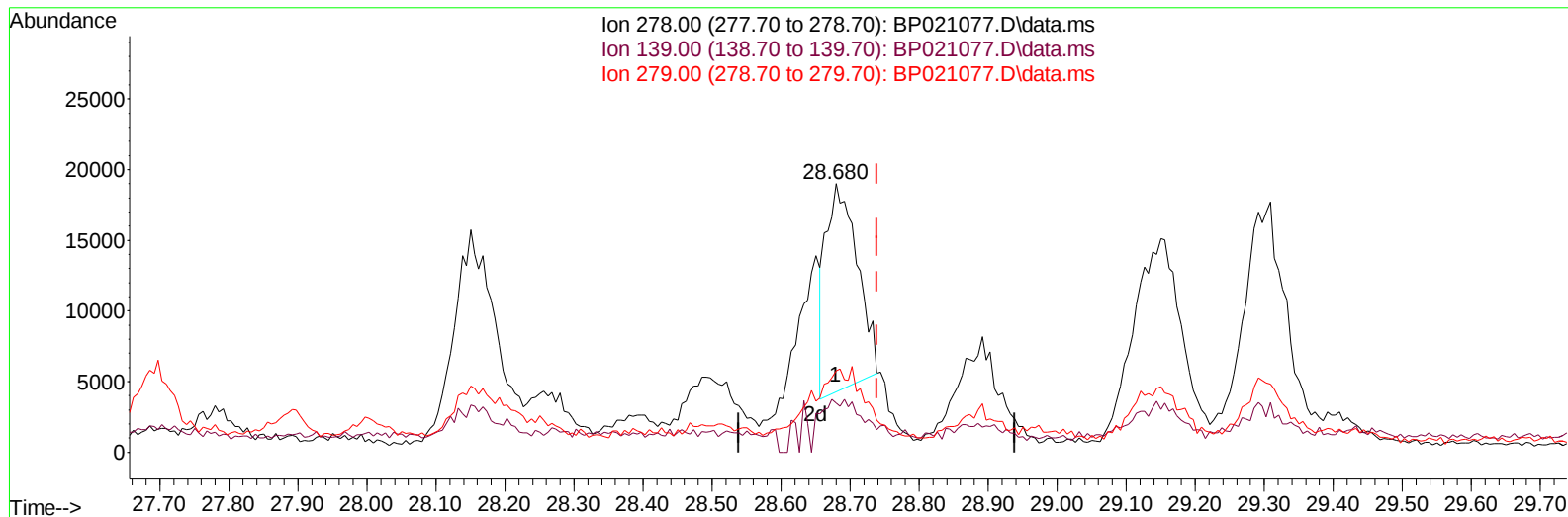
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021077.D
Acq On : 19 Jul 2024 14:16
Operator : MA/JU
Sample : P3238-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BF3

Manual IntegrationsAPPROVED

Quant Time: Jul 20 00:35:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 14:23:21 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



TIC: BP021077.D\data.ms

(95) Dibenzo(a,h)anthracene

28.680min (-0.059) 0.77 ng/u1

response 45870

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.60	18.20#
279.00	24.20	30.43#
0.00	0.00	0.00

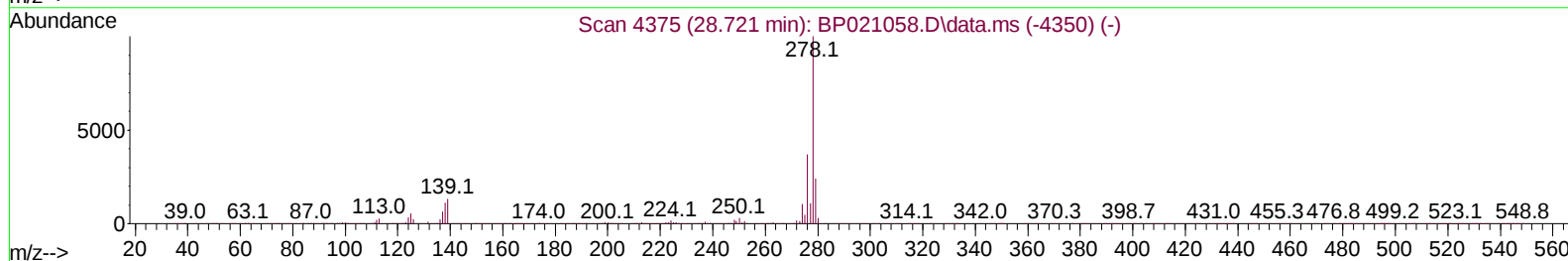
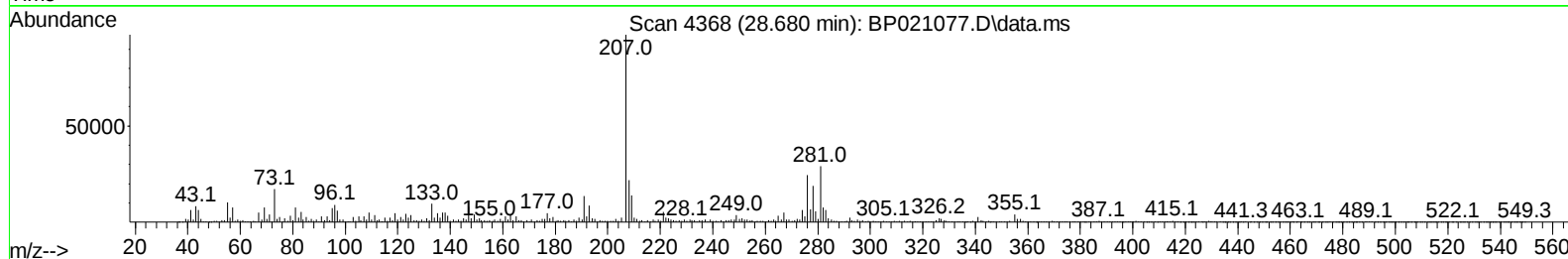
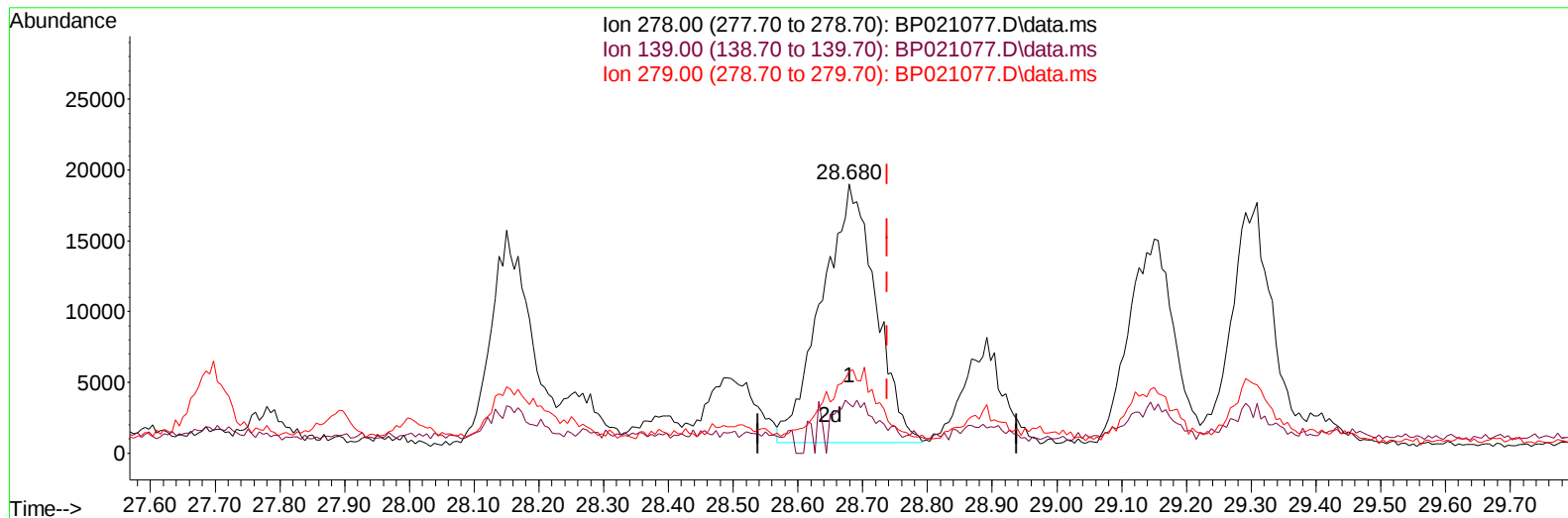
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021077.D
Acq On : 19 Jul 2024 14:16
Operator : MA/JU
Sample : P3238-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BF3

Manual IntegrationsAPPROVED

Quant Time: Jul 20 00:35:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 14:23:21 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



TIC: BP021077.D\data.ms

(95) Dibenzo(a,h)anthracene

28.680min (-0.059) 1.77 ng/ul m

response 105167

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.60	18.20#
279.00	24.20	30.43#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
 Data File : BP021077.D
 Acq On : 19 Jul 2024 14:16
 Operator : MA/JU
 Sample : P3238-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4BF3

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/20/2024
 Supervised By :mohammad ahmed 07/20/2024

Quant Time: Jul 20 01:50:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 18 14:23:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	144999	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.439	136	580174	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.310	164	380649	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.116	188	811416	20.000	ng/ul	-0.01
79) Chrysene-d12	21.562	240	803281	20.000	ng/ul	-0.02
88) Perylene-d12	24.862	264	970233	20.000	ng/ul	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	9778	3.069	ng/uL	0.00
4) Pyridine-d5	3.663	84	16949	1.837	ng/ul	0.00
7) Phenol-d5	6.893	99	213228	18.038	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.022	67	118112	16.487	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.234	132	173073	17.770	ng/ul	0.00
15) 4-Methylphenol-d8	8.404	113	166260	16.934	ng/ul	-0.01
21) Nitrobenzene-d5	8.834	128	82789	18.372	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.545	143	96432	18.697	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.092	165	167909	18.004	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.604	131	146958	11.894	ng/ul	0.00
46) Dimethylphthalate-d6	13.716	166	533300	19.273	ng/ul	0.00
49) Acenaphthylene-d8	14.004	160	629114	20.248	ng/ul	0.00
54) 4-Nitrophenol-d4	14.592	143	62474m	15.868	ng/ul	-0.01
60) Fluorene-d10	15.316	176	471729	20.780	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.474	200	48553	9.890	ng/ul	0.00
73) Anthracene-d10	17.221	188	749749	20.804	ng/ul	0.00
81) Pyrene-d10	19.598	212	825446	16.621	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.645	264	697933	14.585	ng/ul	-0.04
Target Compounds						
					Qvalue	
52) Acenaphthene	14.374	153	26548	1.137	ng/ul	94
61) Fluorene	15.374	166	30098	1.154	ng/ul	99
72) Phenanthrene	17.163	178	701389	16.663	ng/ul	100
74) Anthracene	17.257	178	108255	2.523	ng/ul	98
77) Carbazole	17.551	167	60440	1.723	ng/ul#	94
80) Fluoranthene	19.251	202	1317767	21.972	ng/ul	98
82) Pyrene	19.627	202	980669	16.069	ng/ul	97
83) Butylbenzylphthalate	20.574	149	42155	1.658	ng/ul	95
85) Benzo(a)anthracene	21.539	228	568093	10.096	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.456	149	98470	2.691	ng/ul	99
87) Chrysene	21.609	228	636176	12.167	ng/ul	97
90) Benzo(b)fluoranthene	23.821	252	812275	13.796	ng/ul	97
91) Benzo(k)fluoranthene	23.880	252	290798	4.949	ng/ul	96
93) Benzo(a)pyrene	24.703	252	309572	5.564	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	28.627	276	301028	4.199	ng/ul	98
95) Dibenzo(a,h)anthracene	28.680	278	105167m	1.771	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021077.D
Acq On : 19 Jul 2024 14:16
Operator : MA/JU
Sample : P3238-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BF3

Manual IntegrationsAPPROVED

Quant Time: Jul 20 01:50:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 14:23:21 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024

