

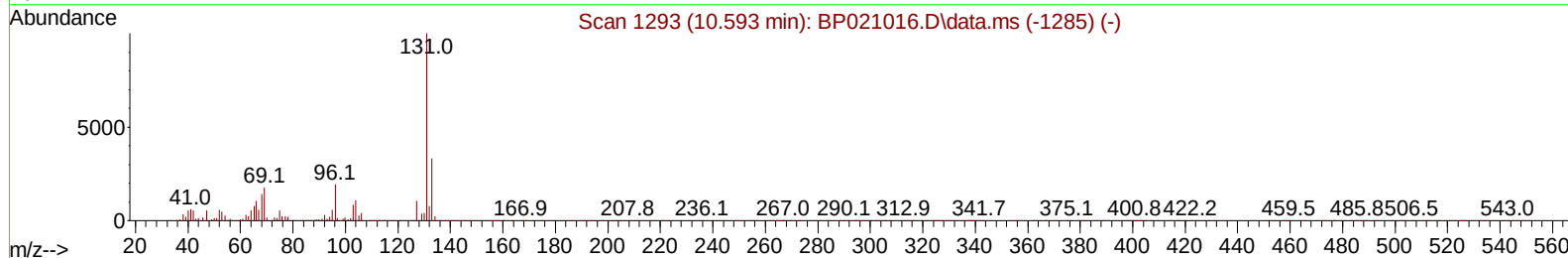
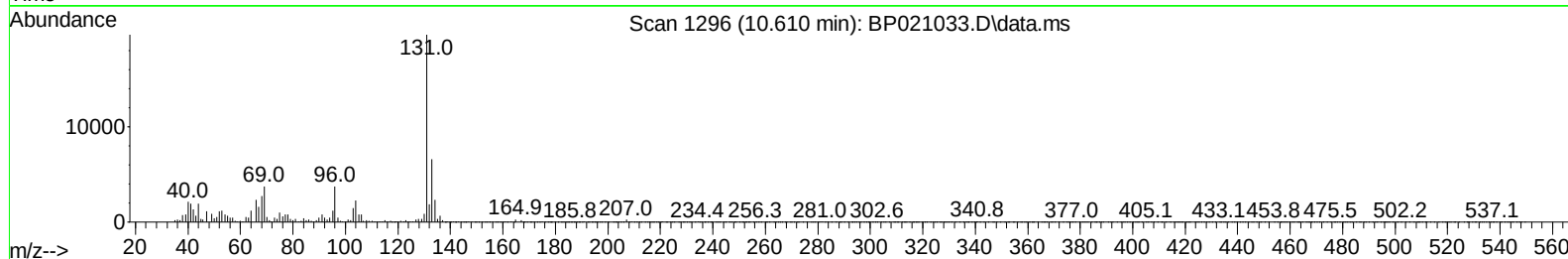
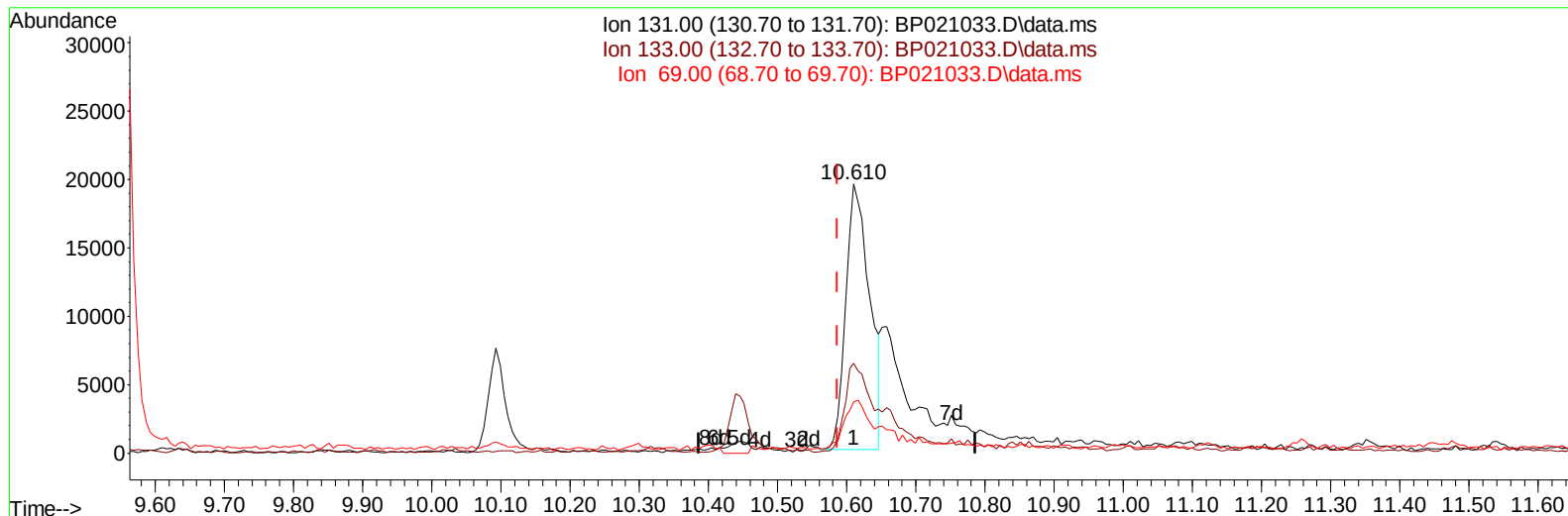
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
Data File : BP021033.D
Acq On : 18 Jul 2024 02:53
Operator : MA/JU
Sample : P3215-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C02

Manual IntegrationsAPPROVED

Quant Time: Jul 18 03:29:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 15 12:22:22 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BP021033.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.610min (+ 0.023) 2.31 ng/ul

response 46530

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.50	33.47
69.00	17.40	18.89
0.00	0.00	0.00

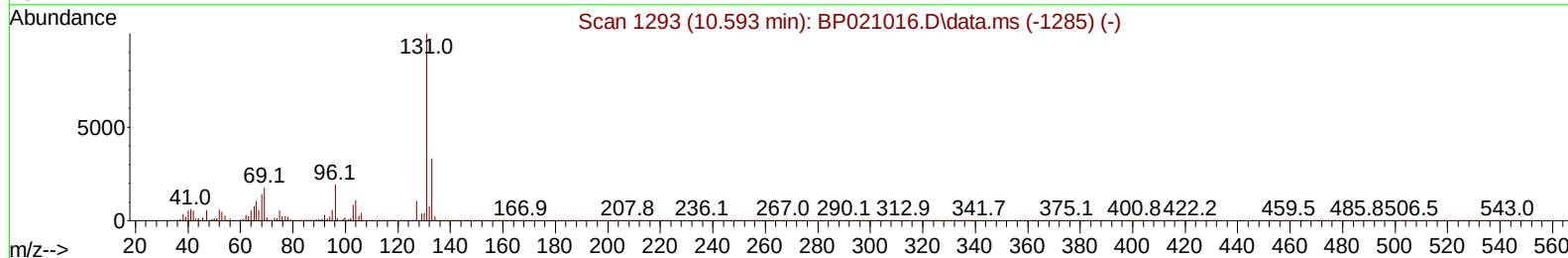
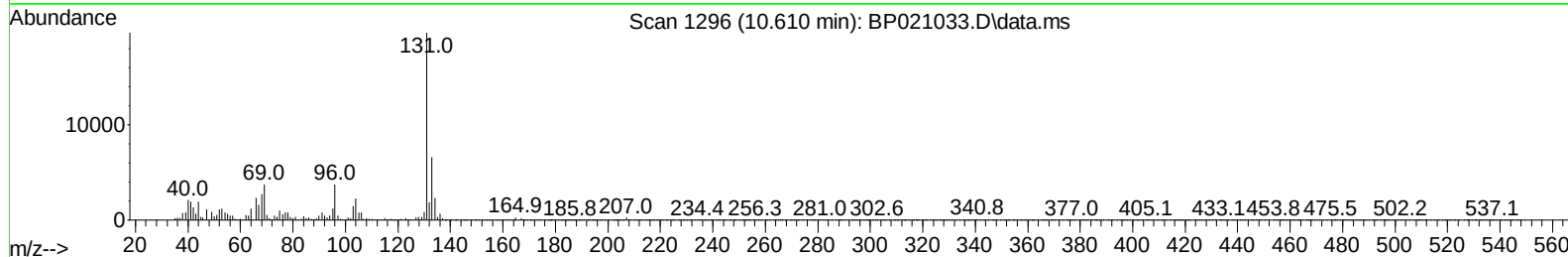
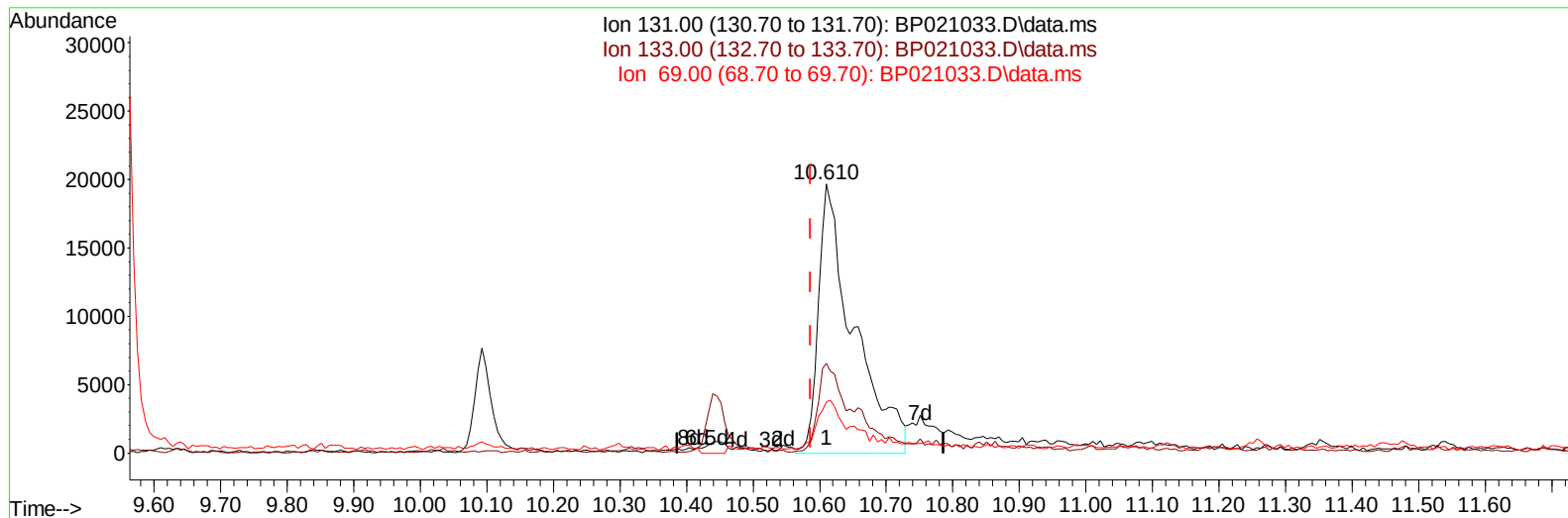
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
Data File : BP021033.D
Acq On : 18 Jul 2024 02:53
Operator : MA/JU
Sample : P3215-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C02

Manual IntegrationsAPPROVED

Quant Time: Jul 18 03:29:21 2024
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QLast Update : Mon Jul 15 12:22:22 2024
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Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BP021033.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.610min (+ 0.023) 3.57 ng/ul m

response 71995

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.50	33.47
69.00	17.40	18.89
0.00	0.00	0.00

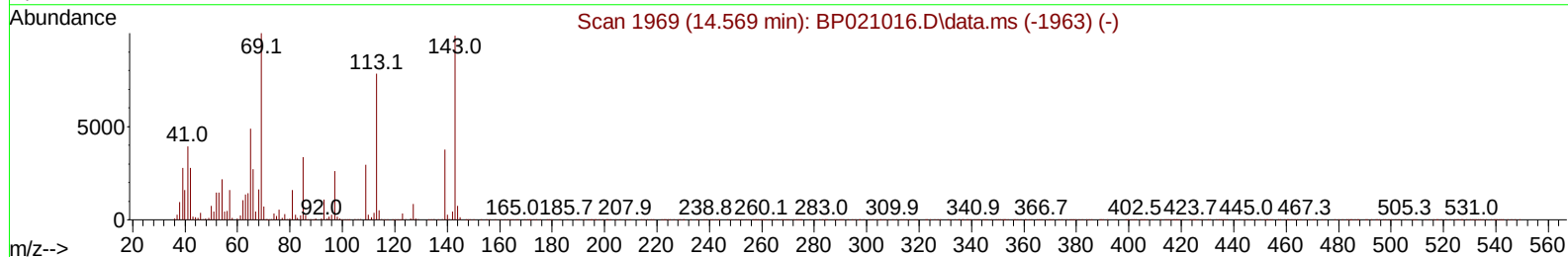
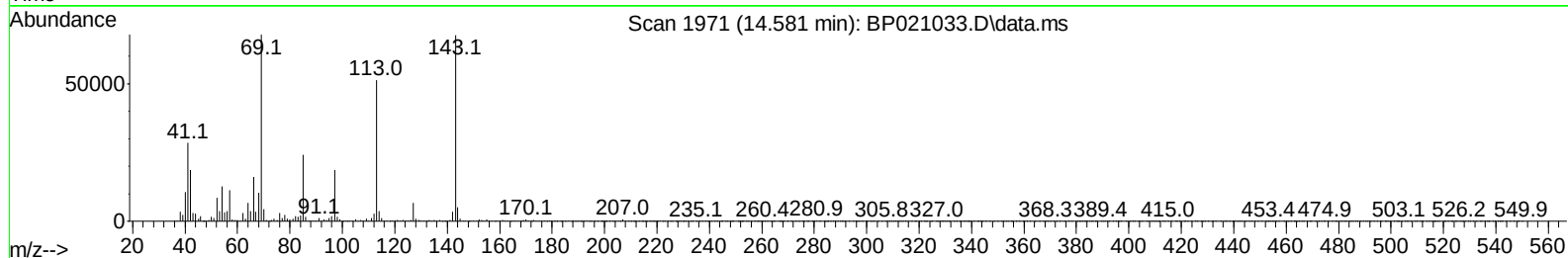
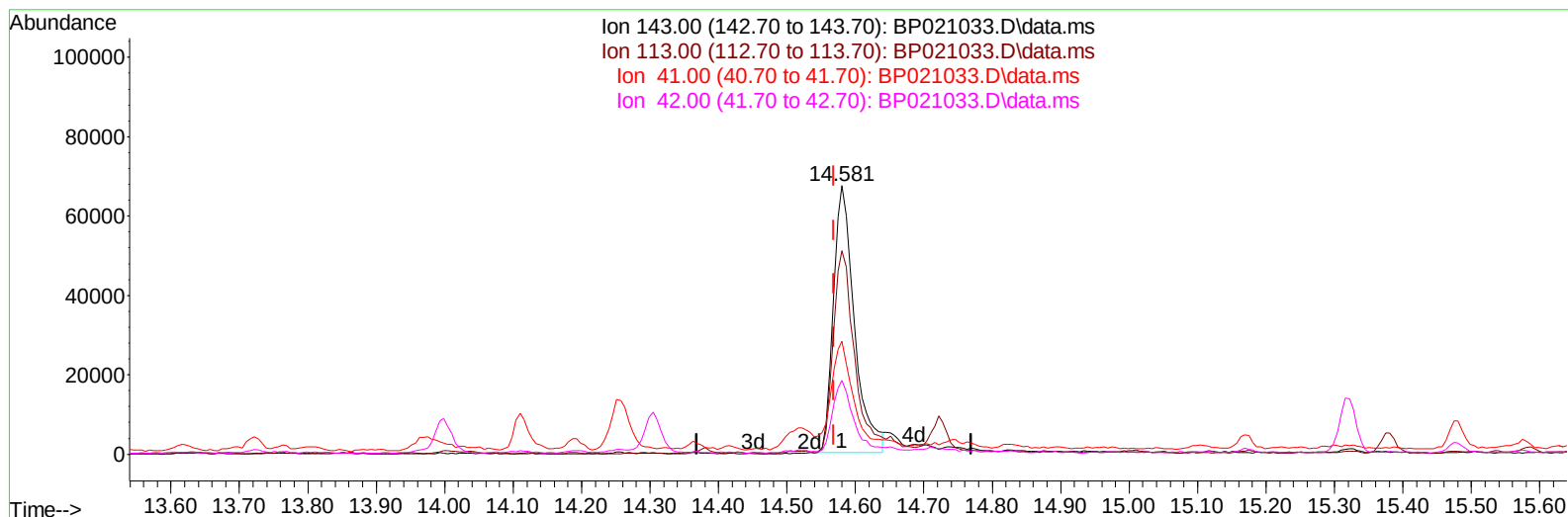
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
Data File : BP021033.D
Acq On : 18 Jul 2024 02:53
Operator : MA/JU
Sample : P3215-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C02

Manual IntegrationsAPPROVED

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TIC: BP021033.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.581min (+ 0.012) 22.08 ng/ul

response 143234

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	74.70	75.92
41.00	37.90	42.06
42.00	27.10	27.49

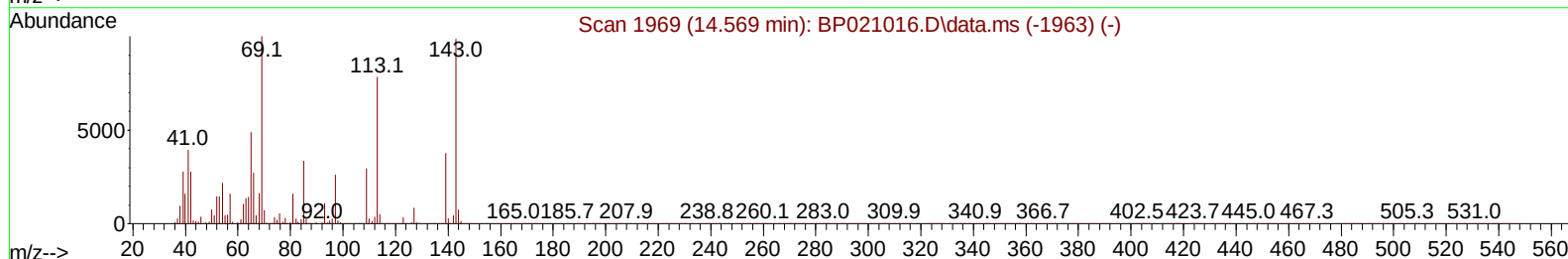
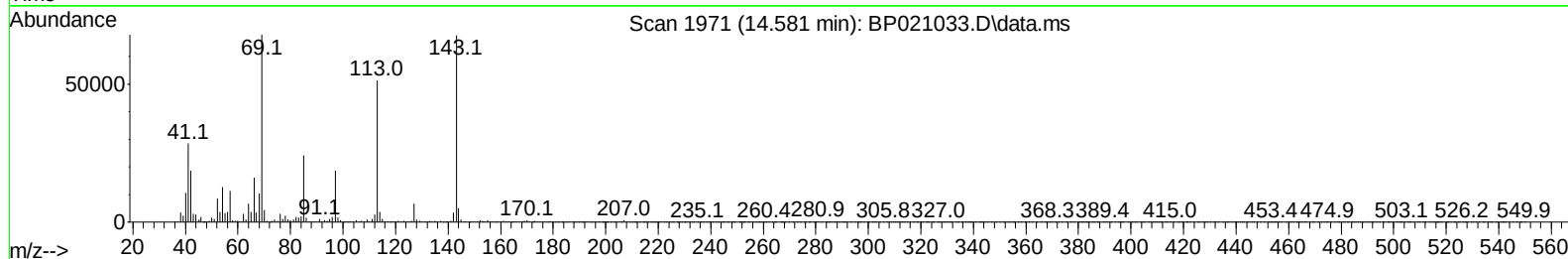
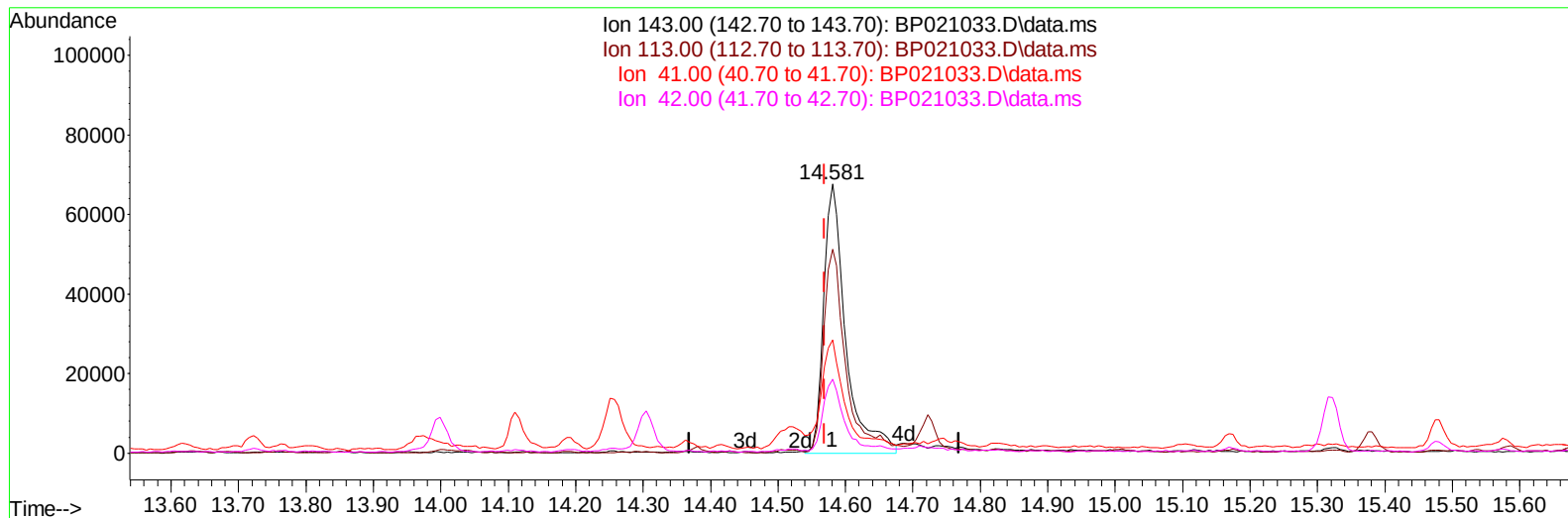
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
Data File : BP021033.D
Acq On : 18 Jul 2024 02:53
Operator : MA/JU
Sample : P3215-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C02

Manual IntegrationsAPPROVED

Quant Time: Jul 18 03:29:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 15 12:22:22 2024
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Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BP021033.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.581min (+ 0.012) 23.67 ng/ul m

response 153570

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	74.70	75.92
41.00	37.90	42.06
42.00	27.10	27.49

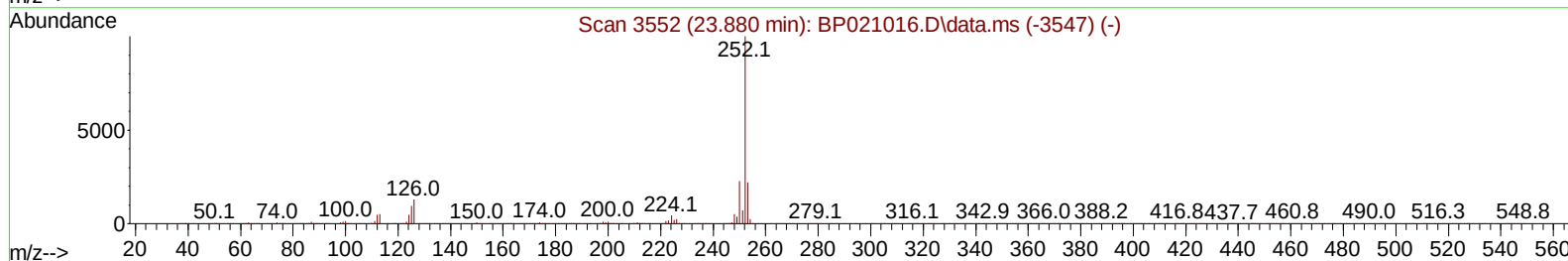
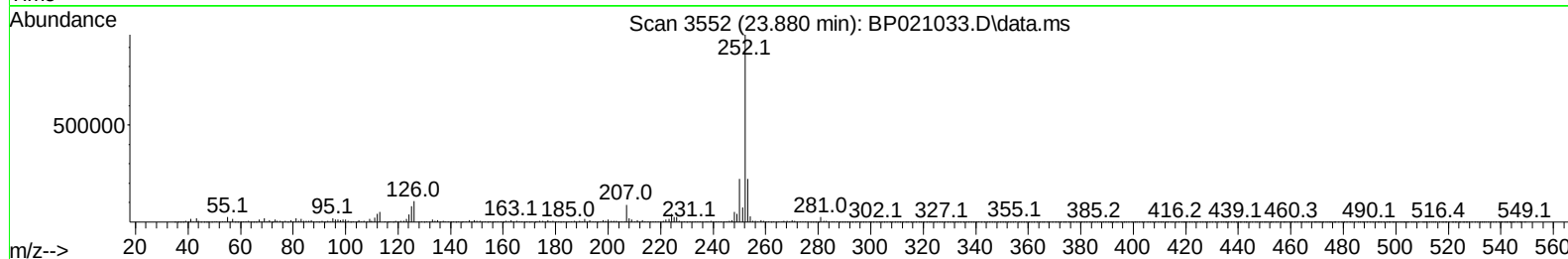
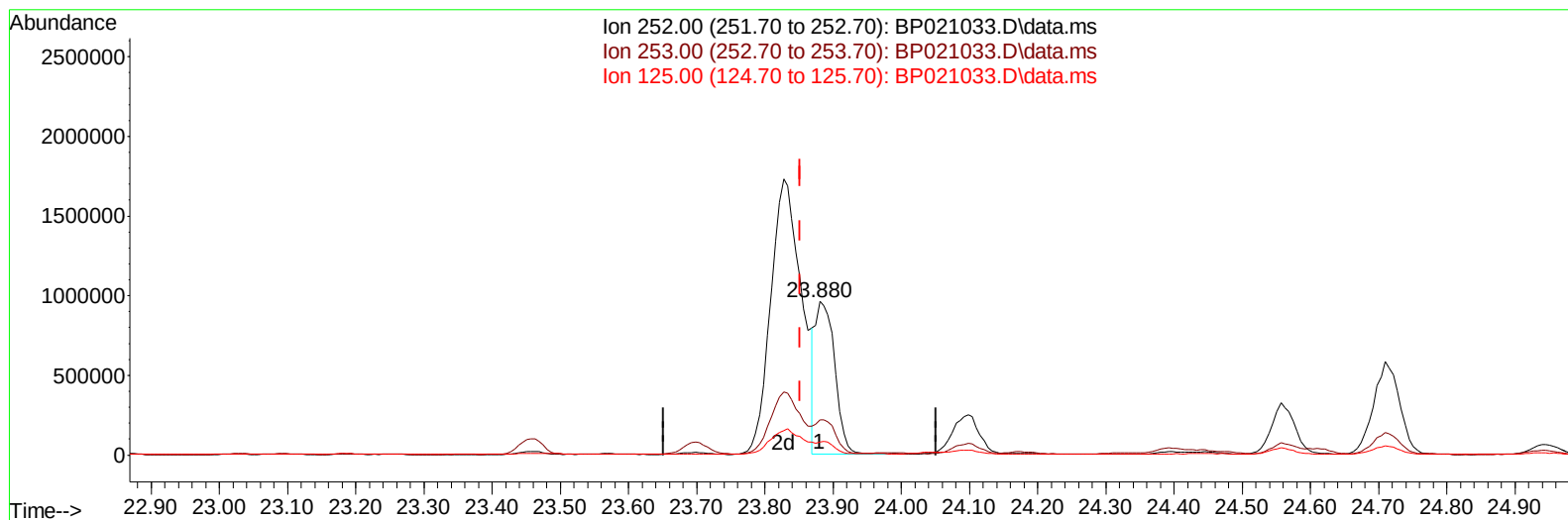
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
 Data File : BP021033.D
 Acq On : 18 Jul 2024 02:53
 Operator : MA/JU
 Sample : P3215-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4C02

Manual IntegrationsAPPROVED

Quant Time: Jul 18 03:29:21 2024
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Reviewed By :Yogesh Patel 07/18/2024
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TIC: BP021033.D\data.ms

(91) Benzo(k)fluoranthene

23.880min (+ 0.029) 23.98 ng/ul

response 1879095

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	23.11
125.00	9.20	8.63
0.00	0.00	0.00

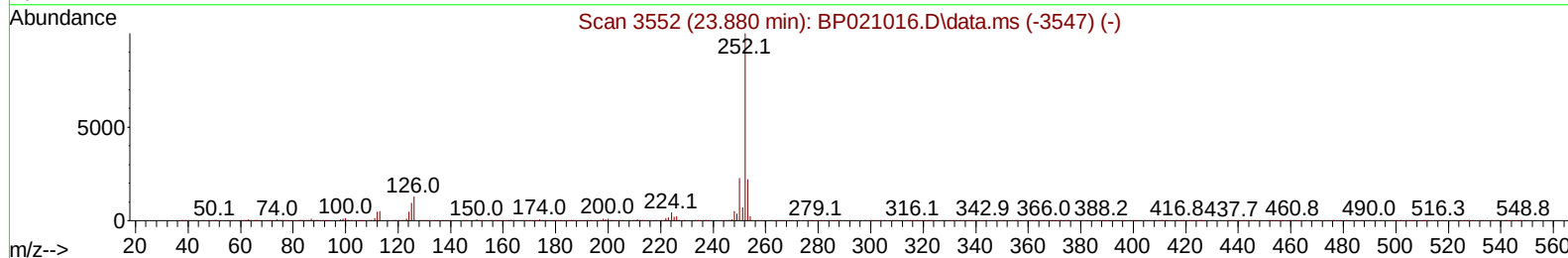
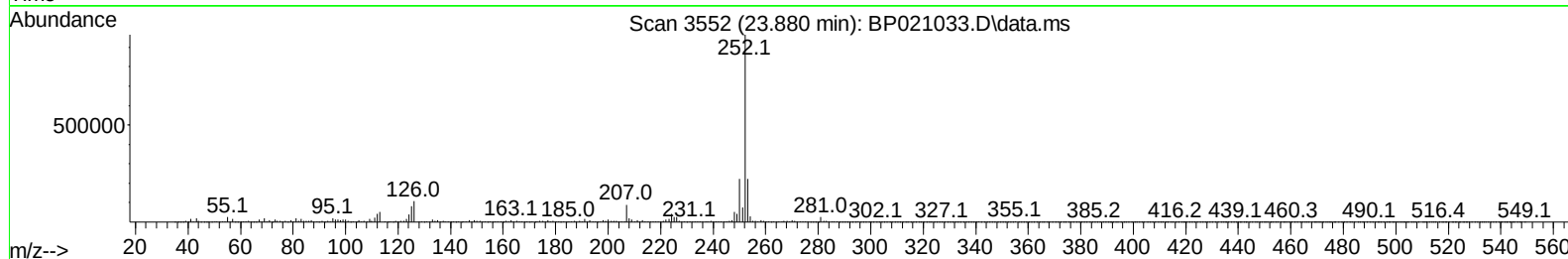
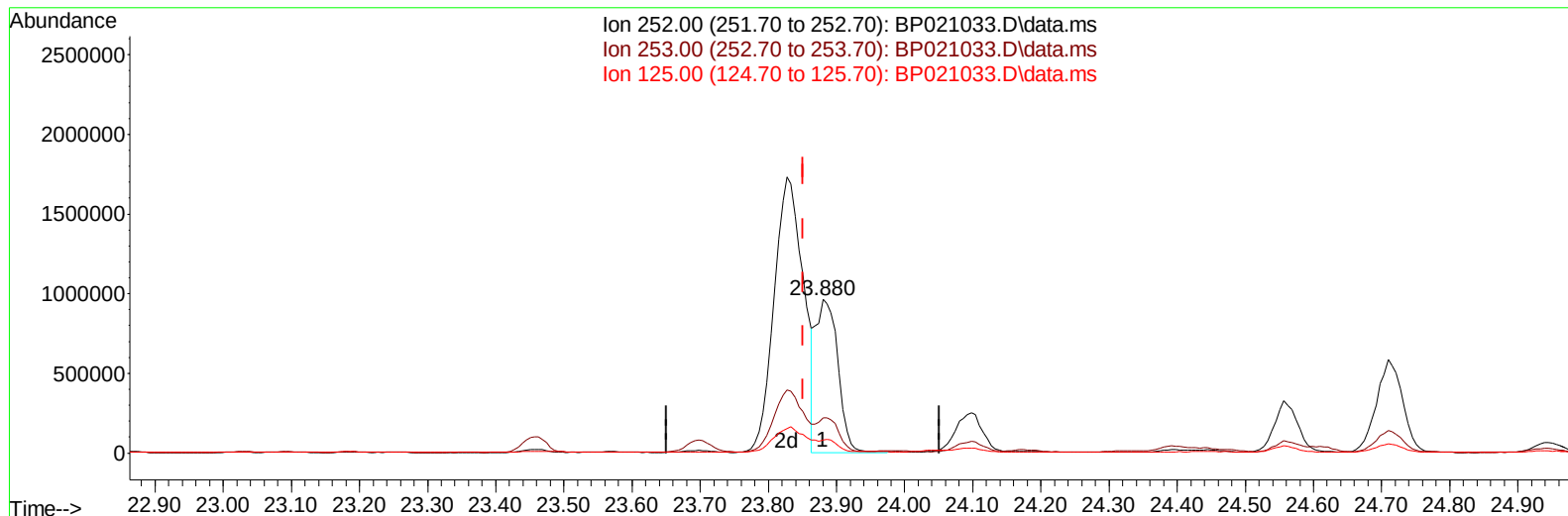
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
Data File : BP021033.D
Acq On : 18 Jul 2024 02:53
Operator : MA/JU
Sample : P3215-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C02

Manual IntegrationsAPPROVED

Quant Time: Jul 18 03:29:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 15 12:22:22 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BP021033.D\data.ms

(91) Benzo(k)fluoranthene

23.880min (+ 0.029) 27.97 ng/ul m

response 2192014

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	23.11
125.00	9.20	8.63
0.00	0.00	0.00

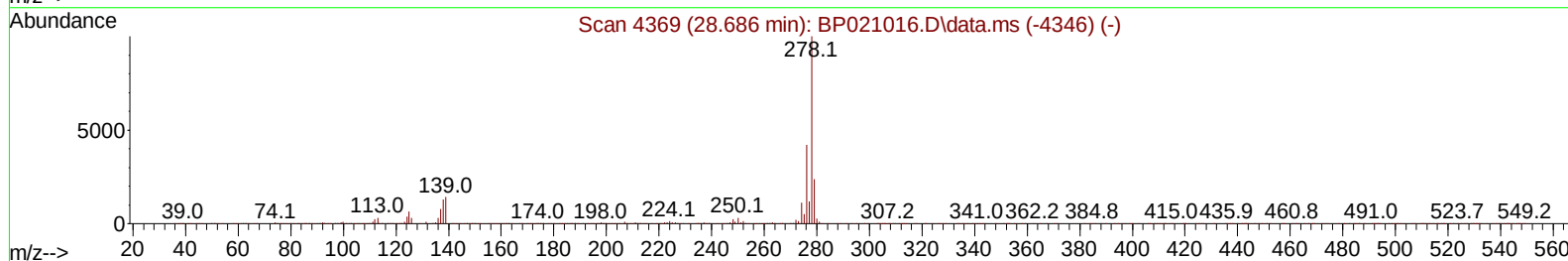
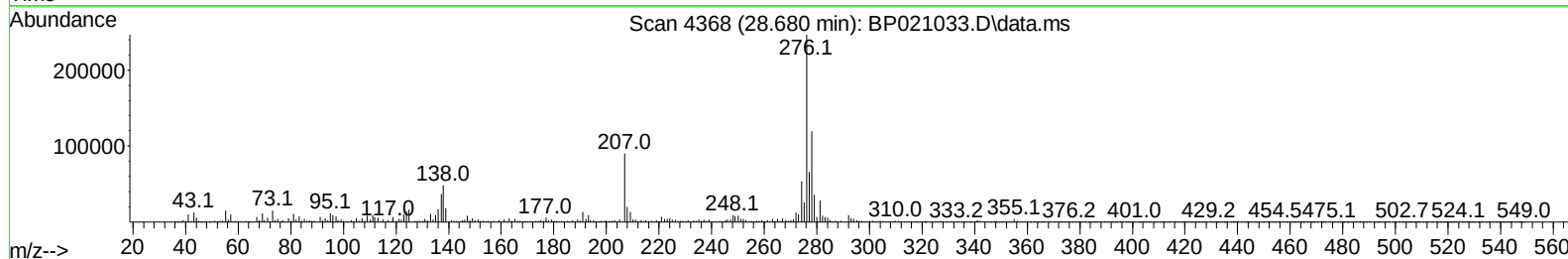
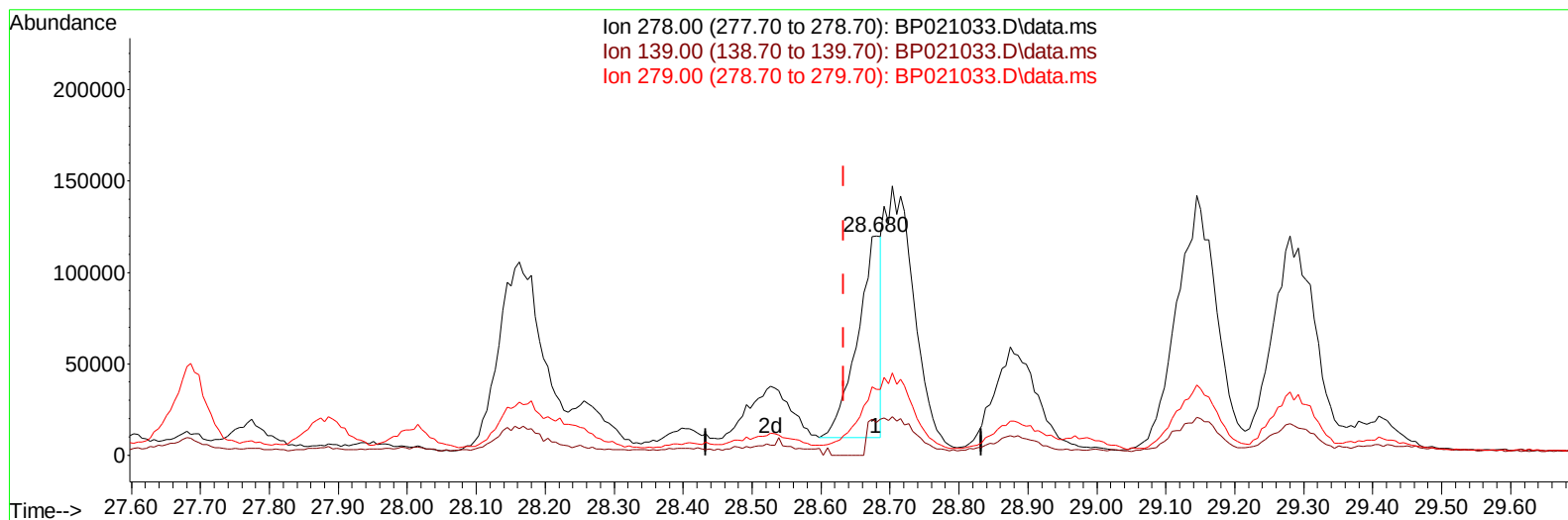
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
Data File : BP021033.D
Acq On : 18 Jul 2024 02:53
Operator : MA/JU
Sample : P3215-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
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Reviewed By :Yogesh Patel 07/18/2024
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TIC: BP021033.D\data.ms

(95) Dibenzo(a,h)anthracene

28.680min (+ 0.047) 3.30 ng/u1

response 261379

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.60	15.04
279.00	24.20	29.92#
0.00	0.00	0.00

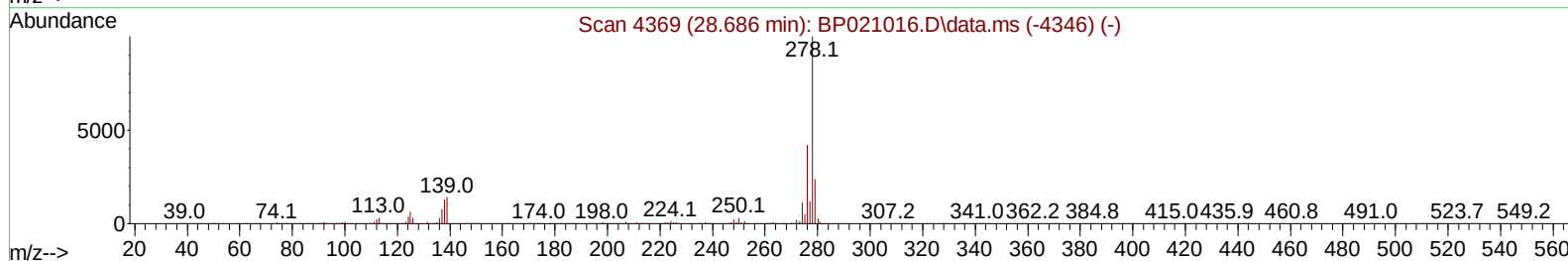
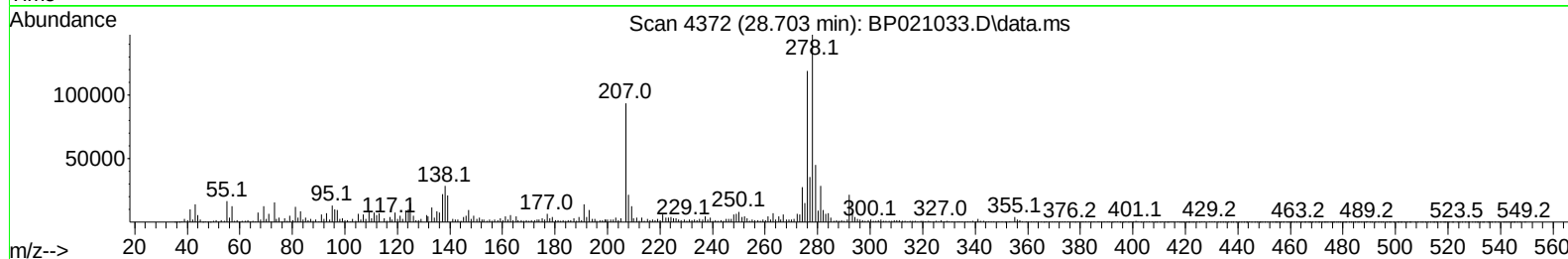
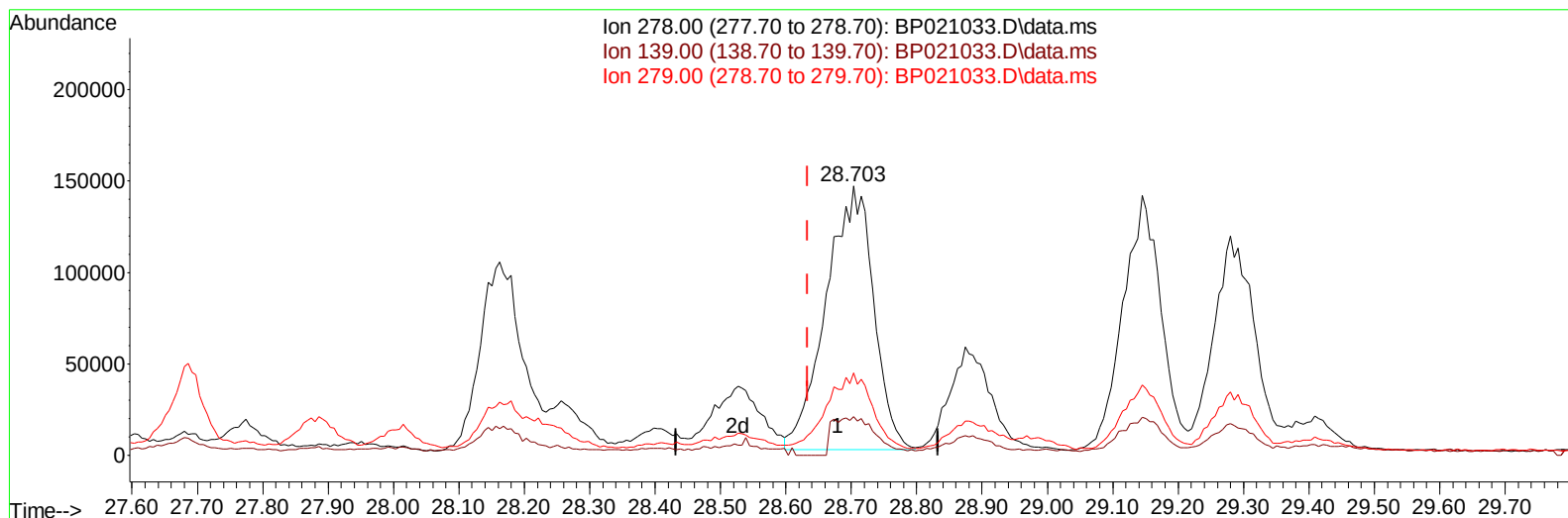
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
 Data File : BP021033.D
 Acq On : 18 Jul 2024 02:53
 Operator : MA/JU
 Sample : P3215-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4C02

Manual IntegrationsAPPROVED

Quant Time: Jul 18 03:29:21 2024
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 QLast Update : Mon Jul 15 12:22:22 2024
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Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024



TIC: BP021033.D\data.ms

(95) Dibenzo(a,h)anthracene

28.703min (+ 0.070) 9.17 ng/ul m

response 725829

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.60	14.29
279.00	24.20	30.62#
0.00	0.00	0.00

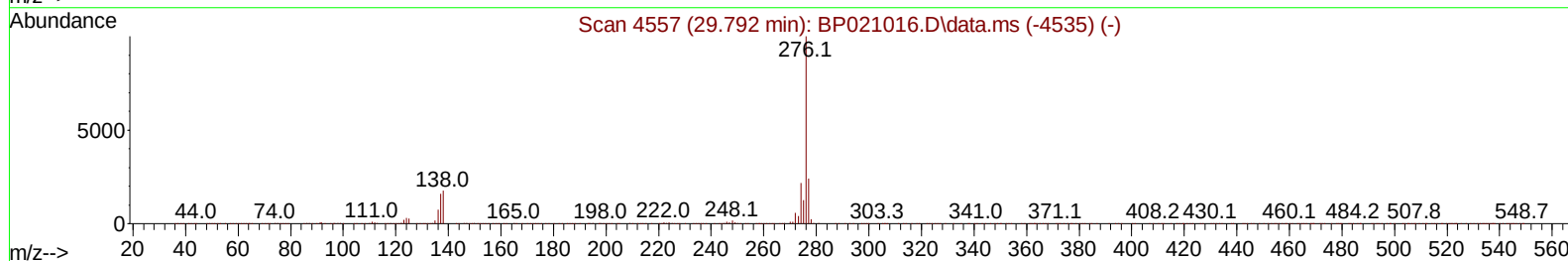
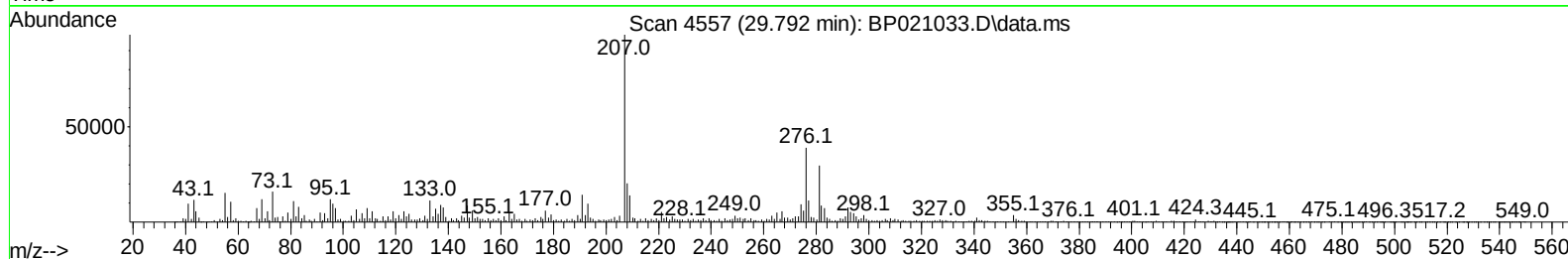
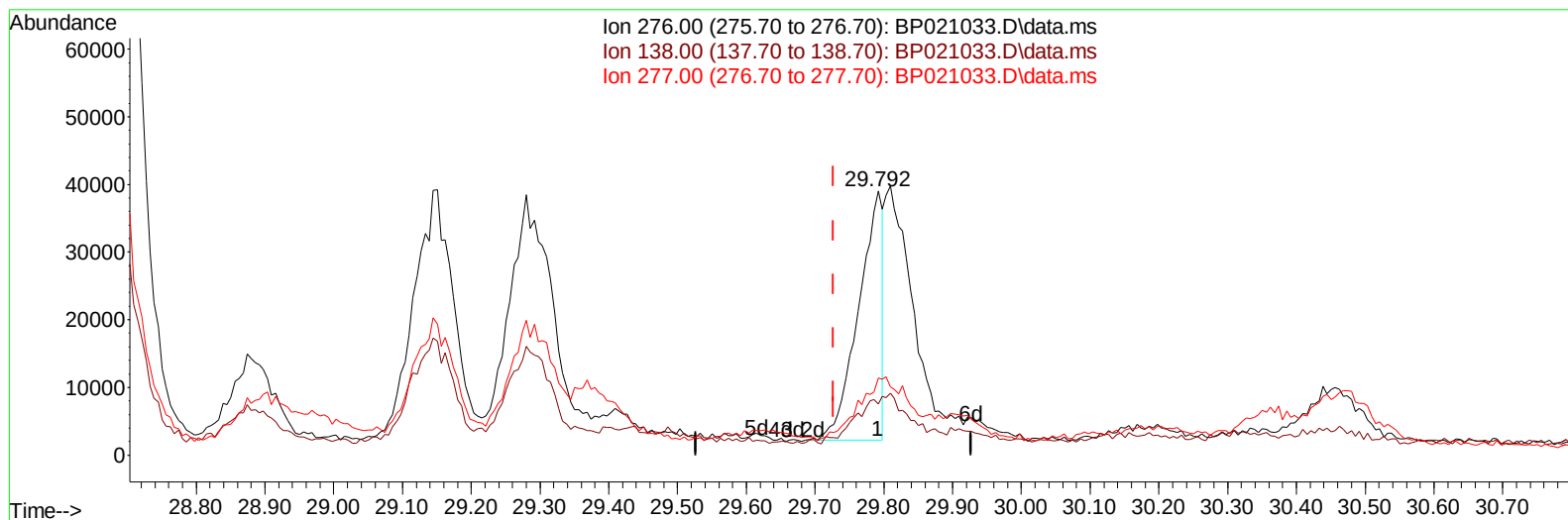
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C02

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TIC: BP021033.D\data.ms

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

29.792min (+ 0.065) 1.16 ng/uI

response 90133

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.10	19.30
277.00	22.70	29.26#
0.00	0.00	0.00

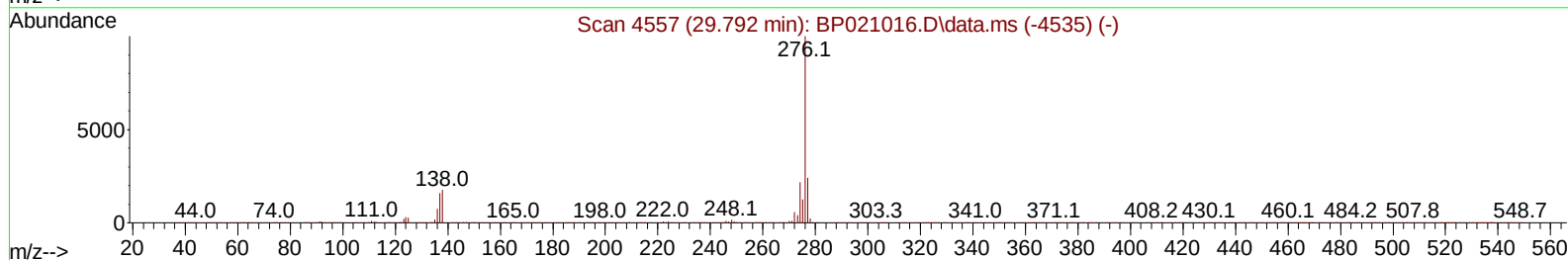
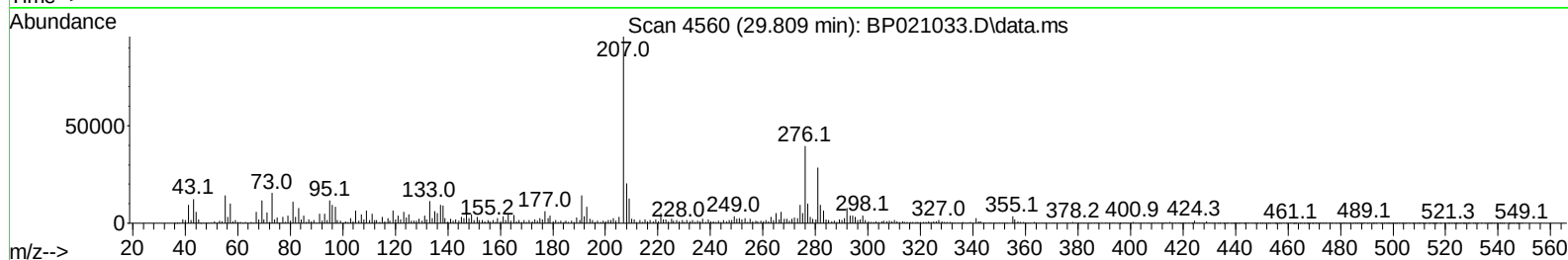
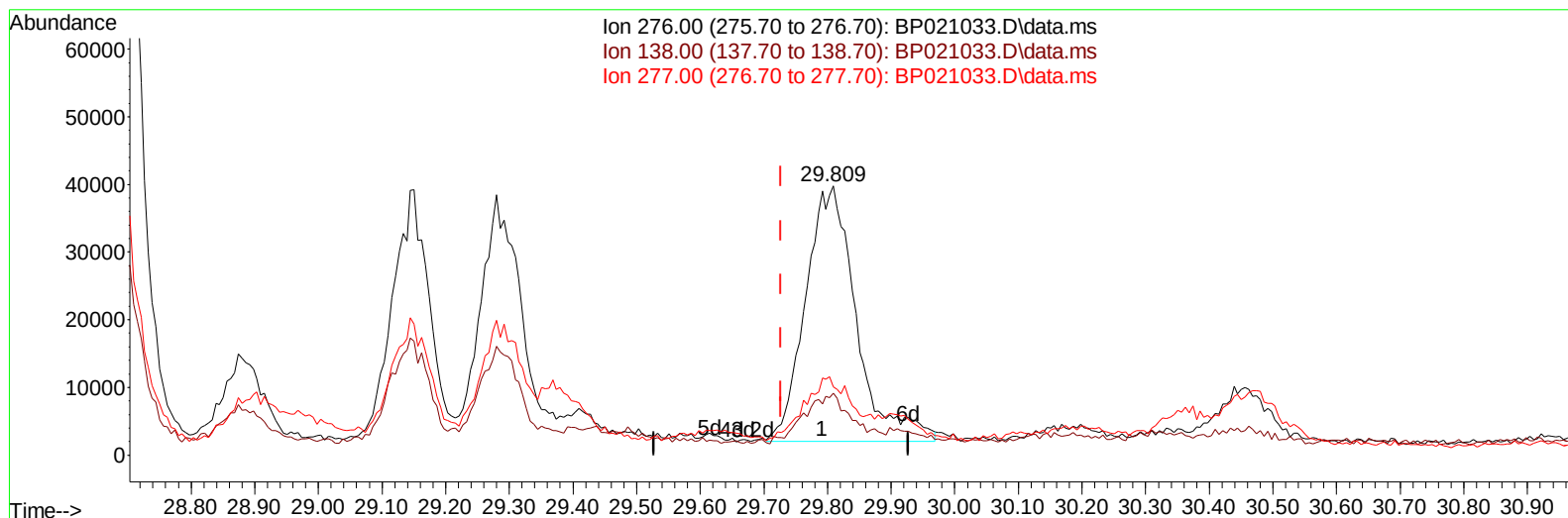
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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TIC: BP021033.D\data.ms

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

29.809min (+ 0.082) 2.68 ng/ul m

response 208710

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.10	23.00#
277.00	22.70	25.29
0.00	0.00	0.00

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	224959	20.000	ng/ul	0.00
20) Naphthalene-d8	10.440	136	946492	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.304	164	627310	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.116	188	1256218	20.000	ng/ul	0.00
79) Chrysene-d12	21.569	240	1049138	20.000	ng/ul	0.02
88) Perylene-d12	24.868	264	1294143	20.000	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	14729	2.979	ng/uL	0.00
4) Pyridine-d5	3.675	84	28679	2.004	ng/ul	0.02
7) Phenol-d5	6.899	99	409036	22.303	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	234670	21.114	ng/ul	0.00
11) 2-Chlorophenol-d4	7.240	132	342070	22.637	ng/ul	0.00
15) 4-Methylphenol-d8	8.410	113	290196	19.051	ng/ul	0.02
21) Nitrobenzene-d5	8.846	128	167931	22.843	ng/ul	0.02
24) 2-Nitrophenol-d4	9.552	143	195748	23.264	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.093	165	354676	23.311	ng/ul	0.00
31) 4-Chloroaniline-d4	10.610	131	71995m	3.572	ng/ul	0.02
46) Dimethylphthalate-d6	13.722	166	1154342	25.313	ng/ul	0.01
49) Acenaphthylene-d8	13.998	160	1294821	25.287	ng/ul	0.00
54) 4-Nitrophenol-d4	14.581	143	153570m	23.669	ng/ul	0.01
60) Fluorene-d10	15.322	176	982299	26.257	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	136433	17.950	ng/ul	0.02
73) Anthracene-d10	17.222	188	1428359	25.600	ng/ul	0.00
81) Pyrene-d10	19.604	212	1174421	18.106	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.633	264	800530	12.542	ng/ul	0.03
Target Compounds						
					Qvalue	
30) Naphthalene	10.493	128	127832	2.568	ng/ul	99
36) 2-Methylnaphthalene	12.110	142	62030	1.815	ng/ul	99
37) 1-Methylnaphthalene	12.328	142	51604	1.468	ng/ul	99
50) Acenaphthylene	14.034	152	242533	4.183	ng/ul	99
52) Acenaphthene	14.381	153	286541	7.447	ng/ul	98
56) Dibenzofuran	14.722	168	255254	4.844	ng/ul	99
61) Fluorene	15.381	166	364422	8.475	ng/ul	100
72) Phenanthrene	17.163	178	5907015	90.643	ng/ul	99
74) Anthracene	17.257	178	1425315	21.454	ng/ul	100
77) Carbazole	17.545	167	454283	8.365	ng/ul	100
80) Fluoranthene	19.263	202	8988593	114.752	ng/ul	98
82) Pyrene	19.639	202	5204514	65.294	ng/ul	97
85) Benzo(a)anthracene	21.551	228	4248771	57.812	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.457	149	210138	4.397	ng/ul	99
87) Chrysene	21.616	228	4057688	59.418	ng/ul	97
90) Benzo(b)fluoranthene	23.827	252	5152647	65.610	ng/ul	98
91) Benzo(k)fluoranthene	23.880	252	2192014m	27.968	ng/ul	
93) Benzo(a)pyrene	24.710	252	1544027	20.805	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.662	276	1596451	16.694	ng/ul	97
95) Dibenzo(a,h)anthracene	28.703	278	725829m	9.166	ng/ul	
96) Benzo(g,h,i)perylene	29.809	276	208710m	2.680	ng/ul	

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
Data File : BP021033.D
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Operator : MA/JU
Sample : P3215-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C02

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

Quant Time: Jul 18 03:32:25 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 15 12:22:22 2024
Response via : Initial Calibration

Compound	R.T.	Q	Ion	Response	Conc	Units	Dev	(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
 Data File : BP021033.D
 Acq On : 18 Jul 2024 02:53
 Operator : MA/JU
 Sample : P3215-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4C02

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024

Quant Time: Jul 18 03:32:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 15 12:22:22 2024
 Response via : Initial Calibration

