

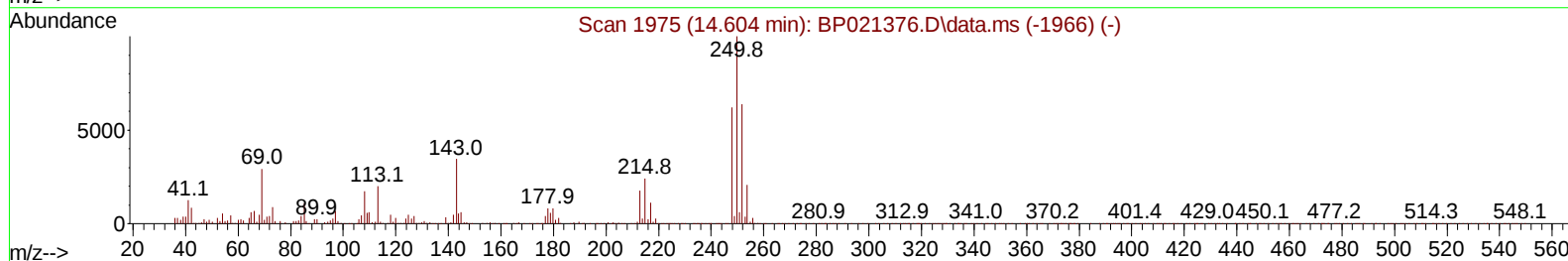
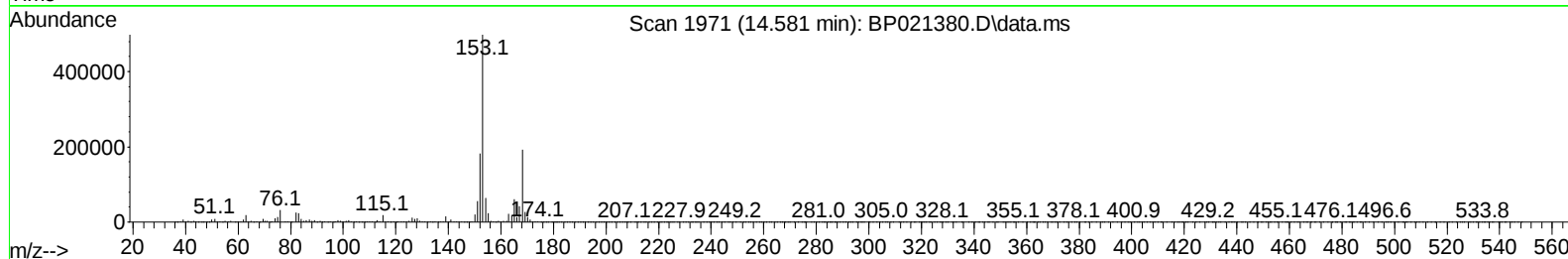
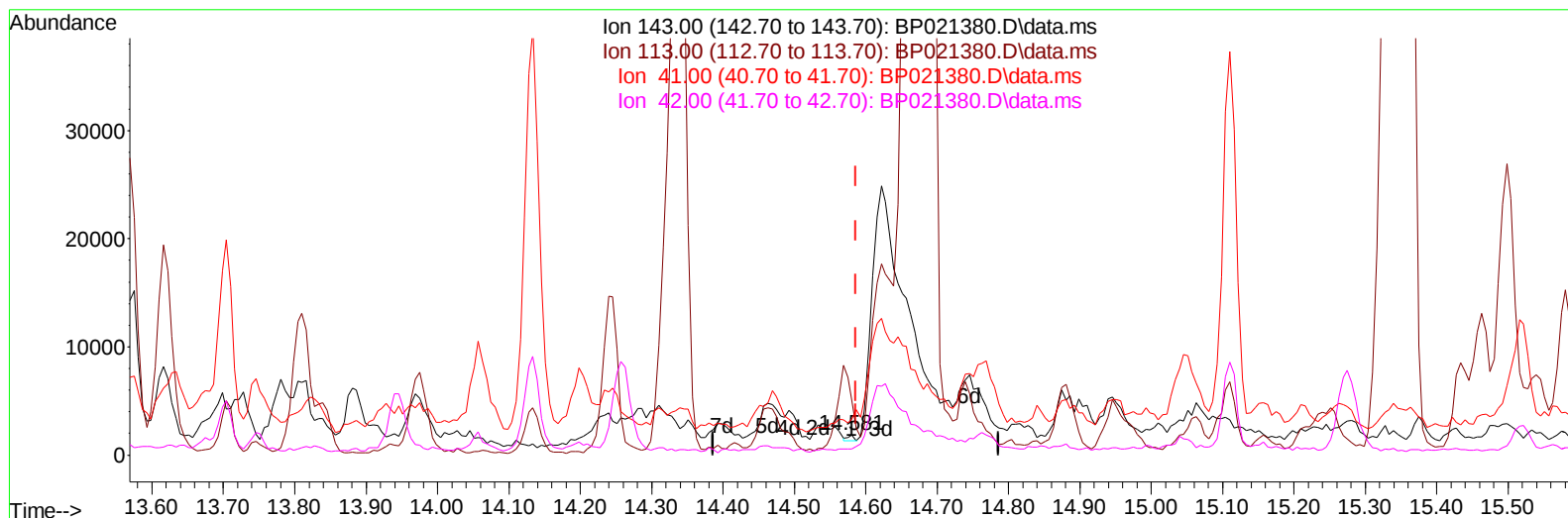
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
 Data File : BP021380.D
 Acq On : 05 Aug 2024 20:54
 Operator : CG/JU
 Sample : P3329-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 3

Instrument :
 BNA_P
 ClientSampleId :
 F7E01

Manual IntegrationsAPPROVED

Quant Time: Aug 06 00:21:14 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: BP021380.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.581min (-0.006) 0.05 ng/u1

response 280

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	74.70	272.77#
41.00	37.90	178.03#
42.00	27.10	31.79

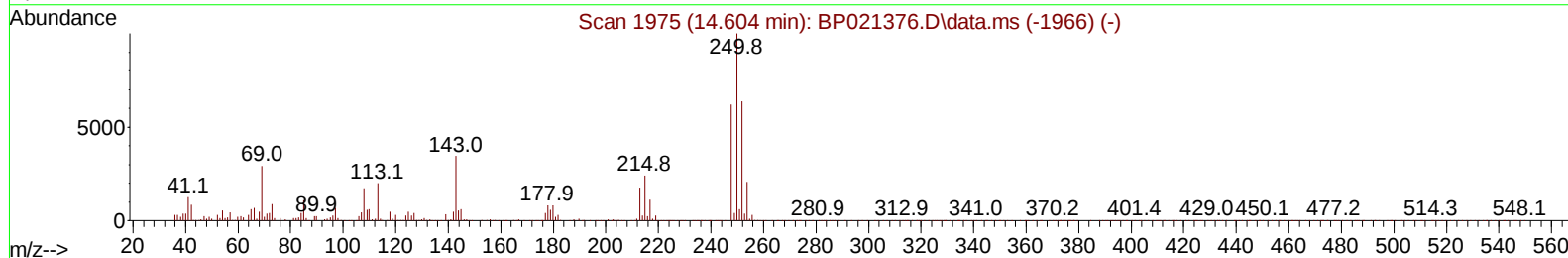
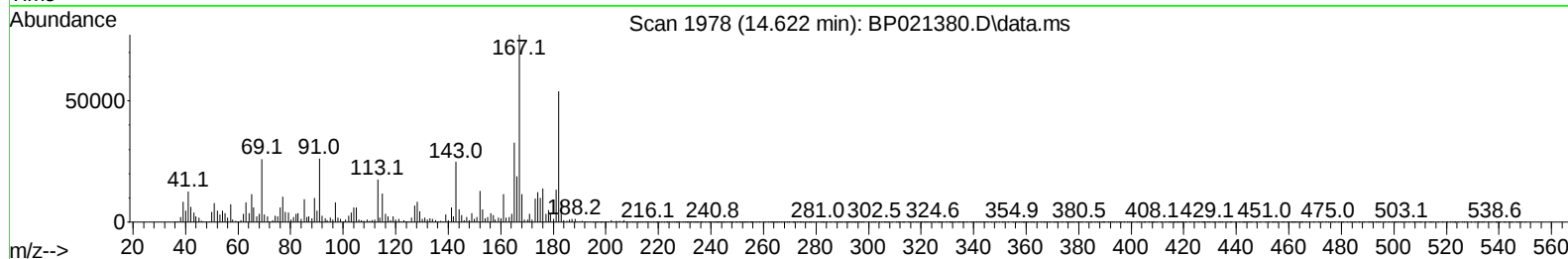
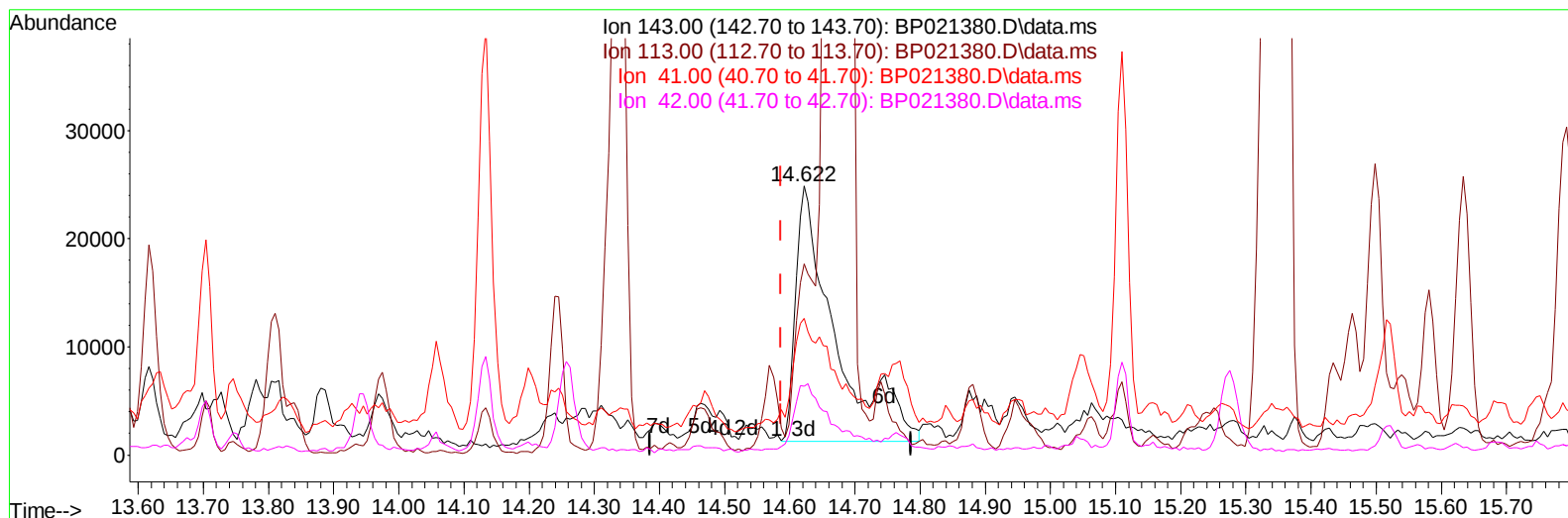
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
Data File : BP021380.D
Acq On : 05 Aug 2024 20:54
Operator : CG/JU
Sample : P3329-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7E01

Manual IntegrationsAPPROVED

Quant Time: Aug 06 00:21:14 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: BP021380.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.622min (+ 0.036) 17.39 ng/ul m

response 99266

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	74.70	70.98
41.00	37.90	50.87#
42.00	27.10	25.55

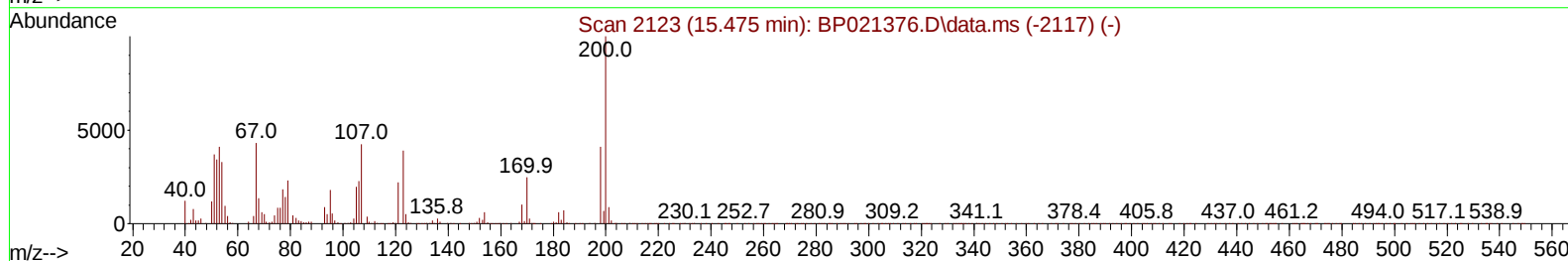
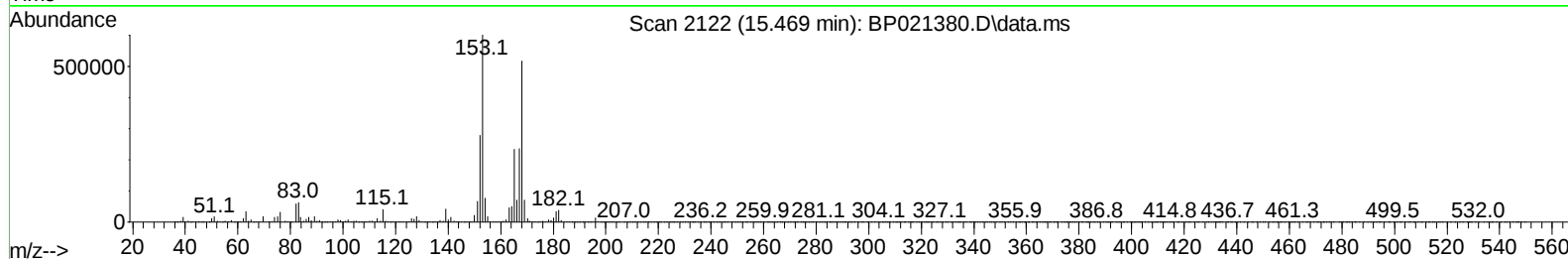
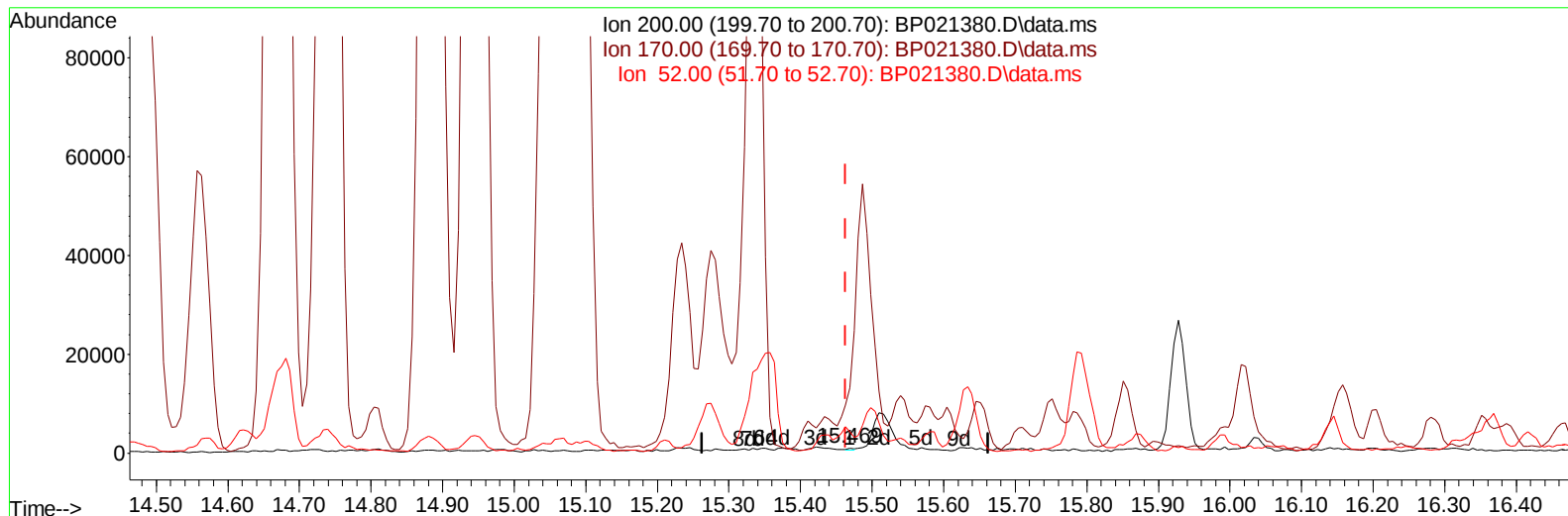
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
Data File : BP021380.D
Acq On : 05 Aug 2024 20:54
Operator : CG/JU
Sample : P3329-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7E01

Manual IntegrationsAPPROVED

Quant Time: Aug 06 00:38:01 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: BP021380.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.469min (+ 0.006) 0.03 ng/u1

response 186

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.00	1296.17#
52.00	38.50	428.61#
0.00	0.00	0.00

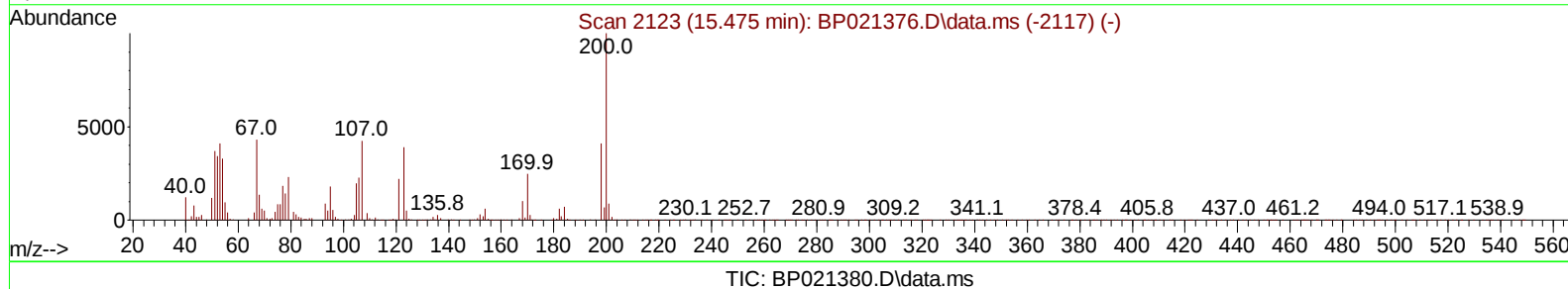
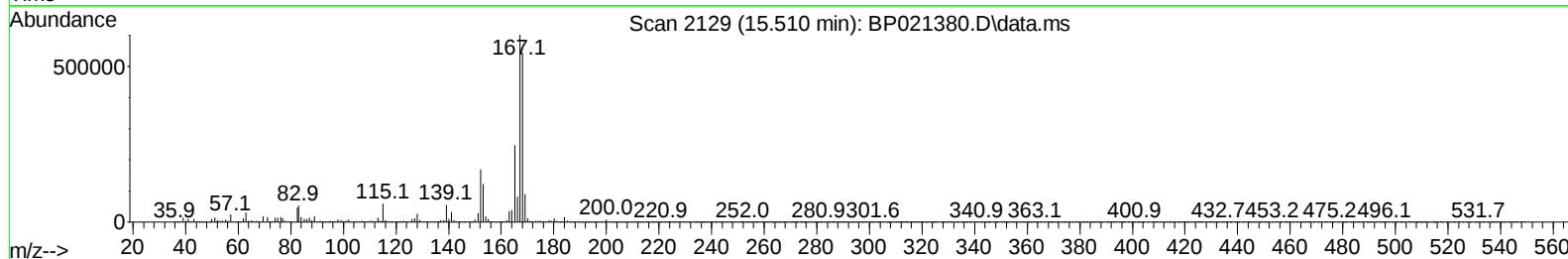
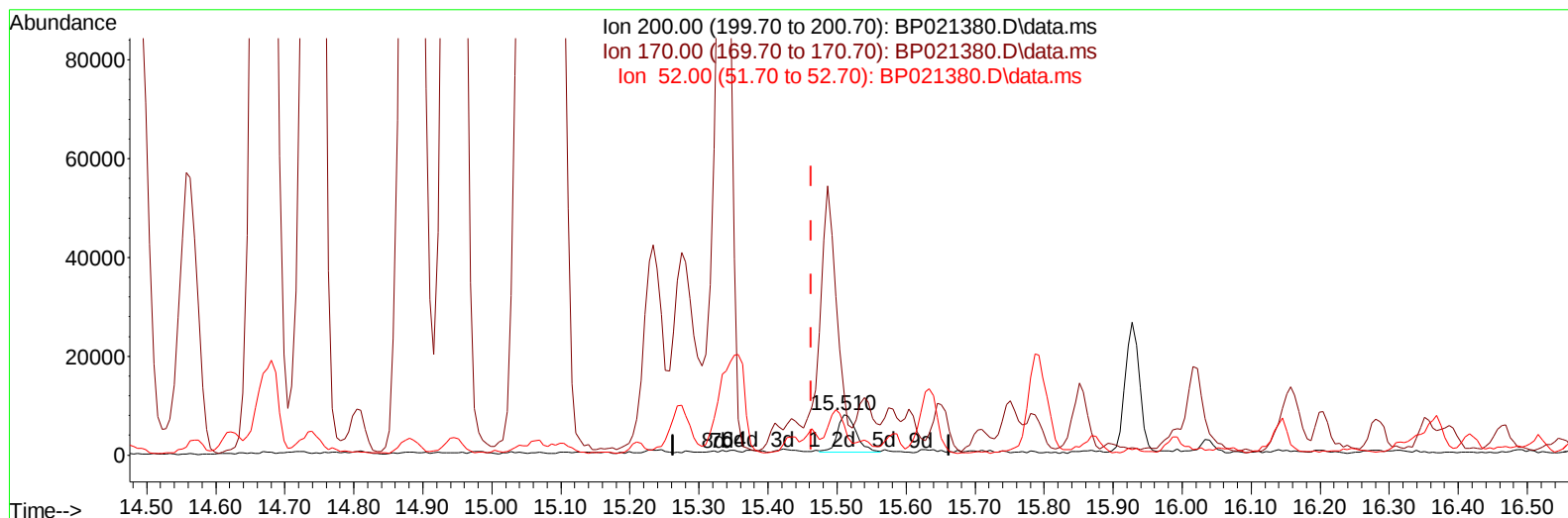
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
 Data File : BP021380.D
 Acq On : 05 Aug 2024 20:54
 Operator : CG/JU
 Sample : P3329-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F7E01

Manual IntegrationsAPPROVED

Quant Time: Aug 06 00:38:01 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



(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.510min (+ 0.047) 2.13 ng/ul m

response 14245

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.00	152.14#
52.00	38.50	74.39#
0.00	0.00	0.00

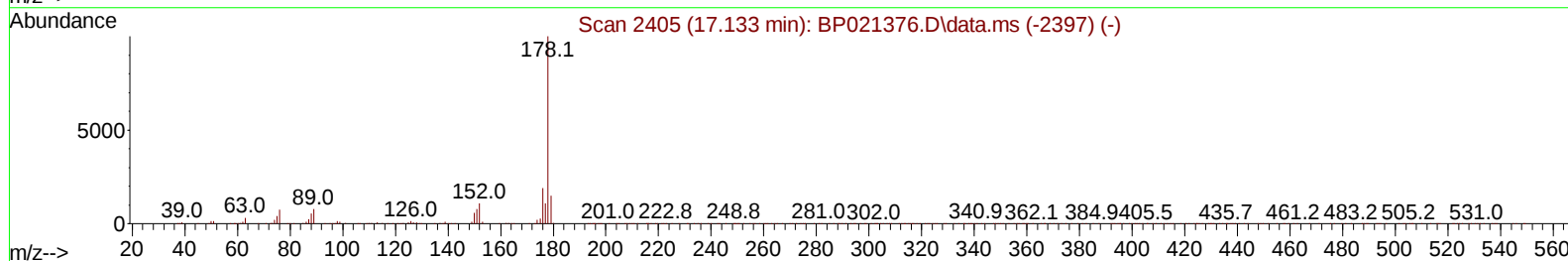
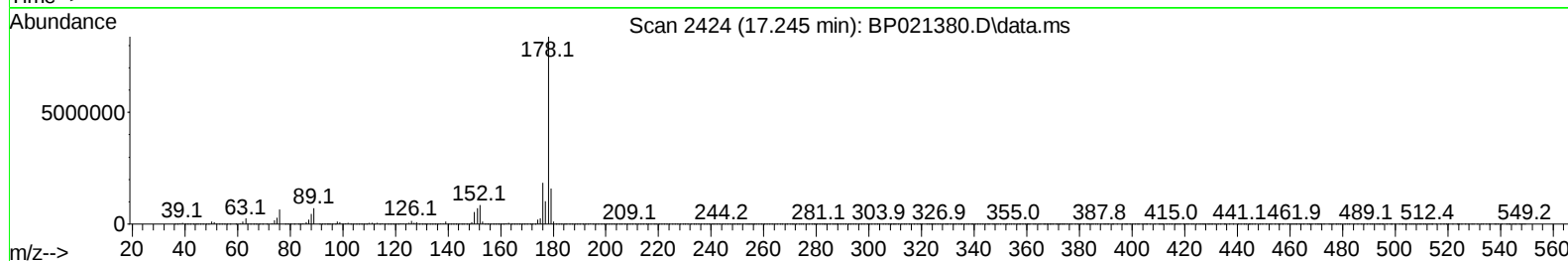
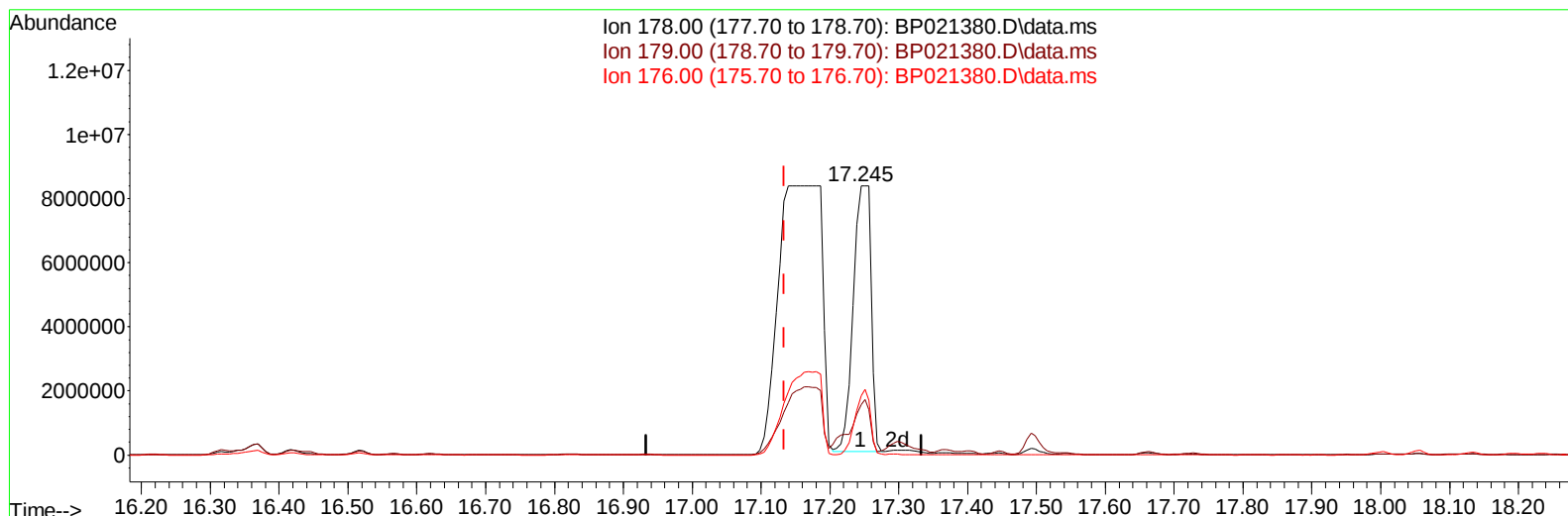
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
 Data File : BP021380.D
 Acq On : 05 Aug 2024 20:54
 Operator : CG/JU
 Sample : P3329-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F7E01

Manual IntegrationsAPPROVED

Quant Time: Aug 06 00:38:01 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: BP021380.D\data.ms

(72) Phenanthrene

17.245min (+ 0.112) 260.80 ng/u1

response 14939064

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.30	18.84#
176.00	18.70	21.96
0.00	0.00	0.00

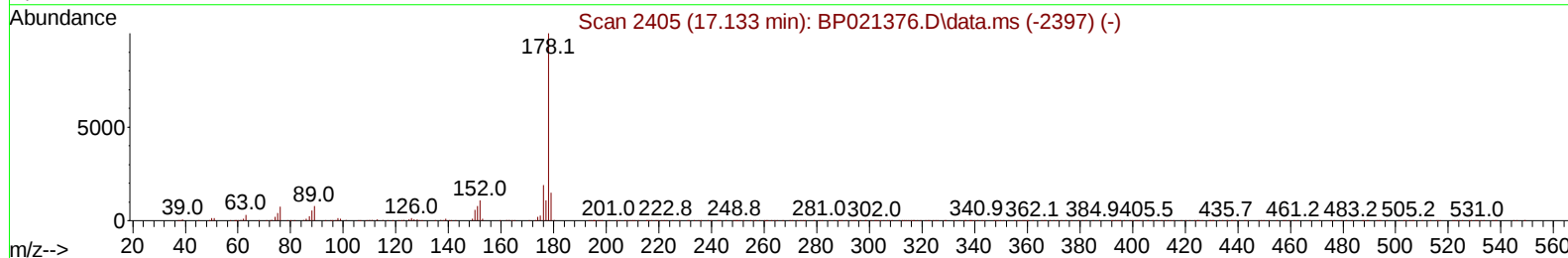
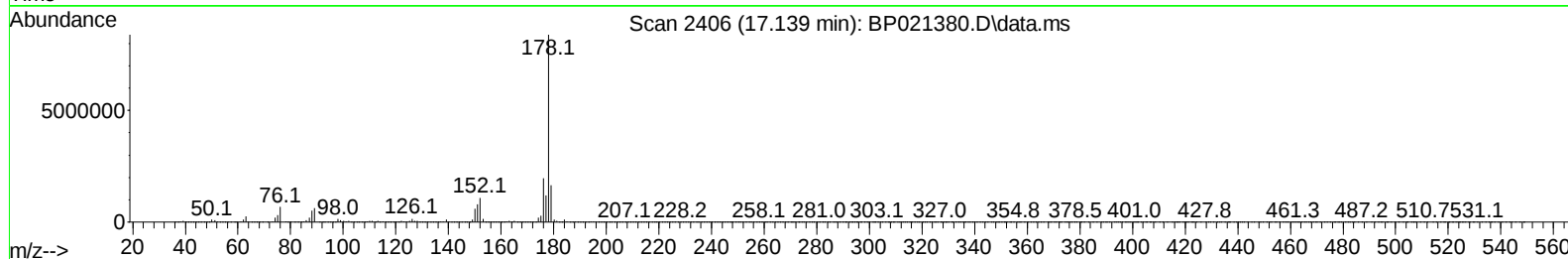
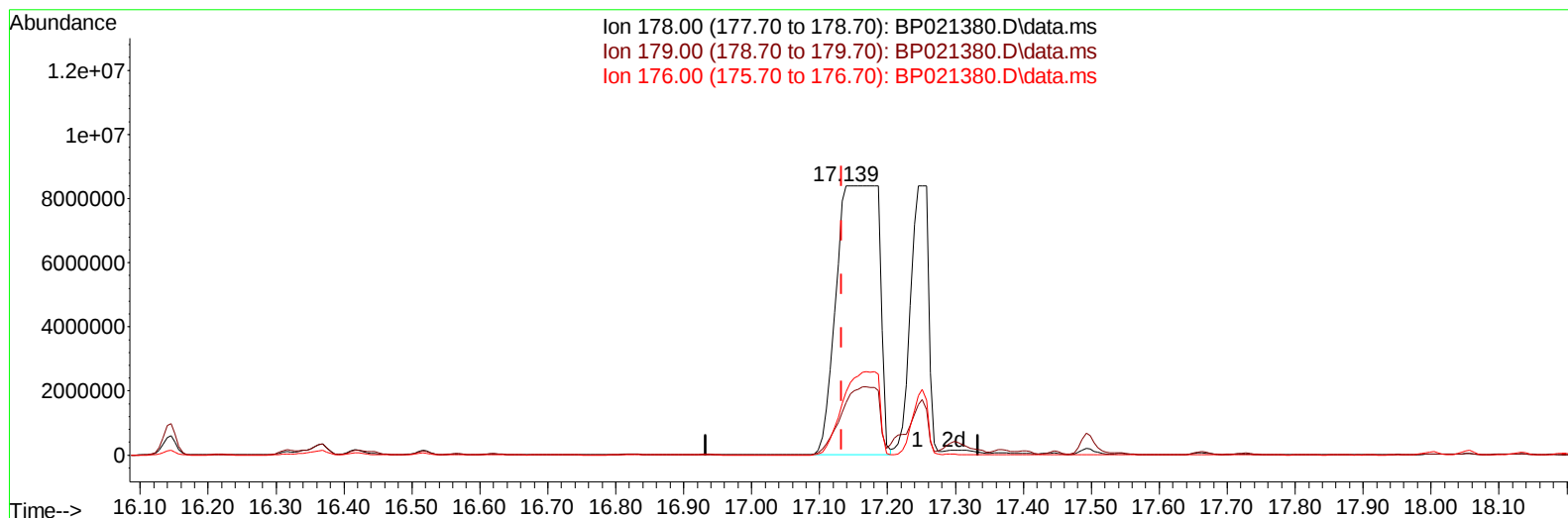
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
Data File : BP021380.D
Acq On : 05 Aug 2024 20:54
Operator : CG/JU
Sample : P3329-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7E01

Manual IntegrationsAPPROVED

Quant Time: Aug 06 00:38:01 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: BP021380.D\data.ms

(72) Phenanthrene

17.139min (+ 0.006) 634.13 ng/u1 m

response 36323866

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.30	19.52#
176.00	18.70	23.45#
0.00	0.00	0.00

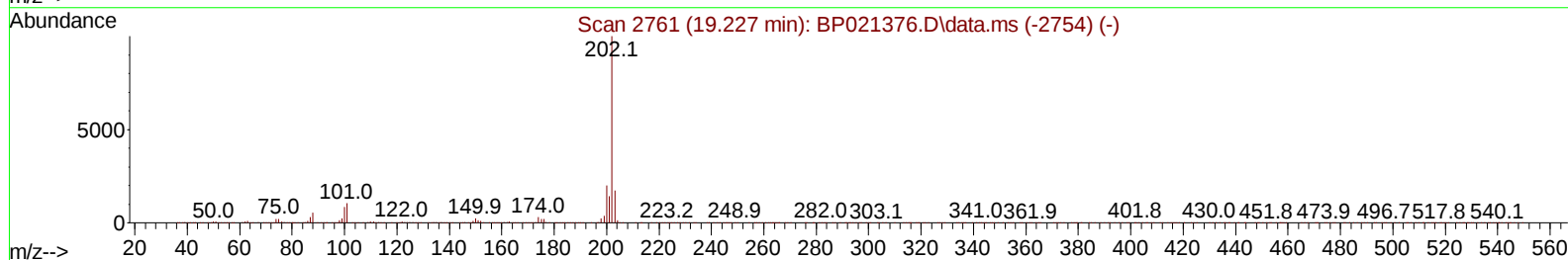
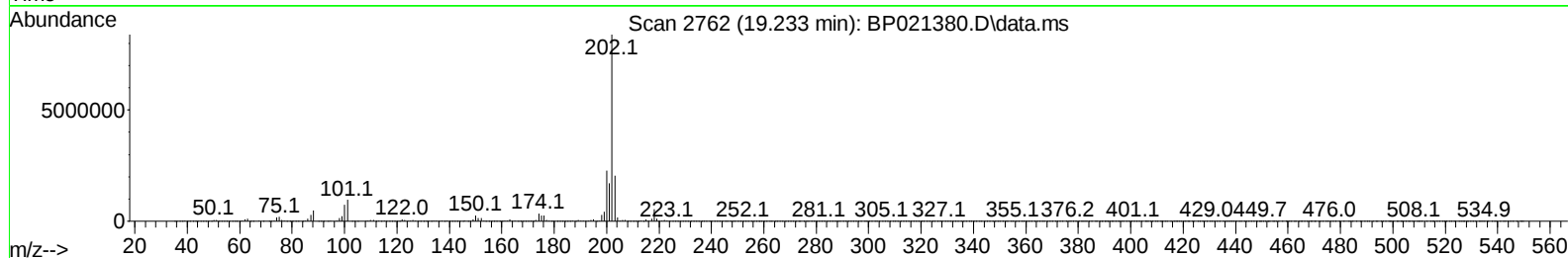
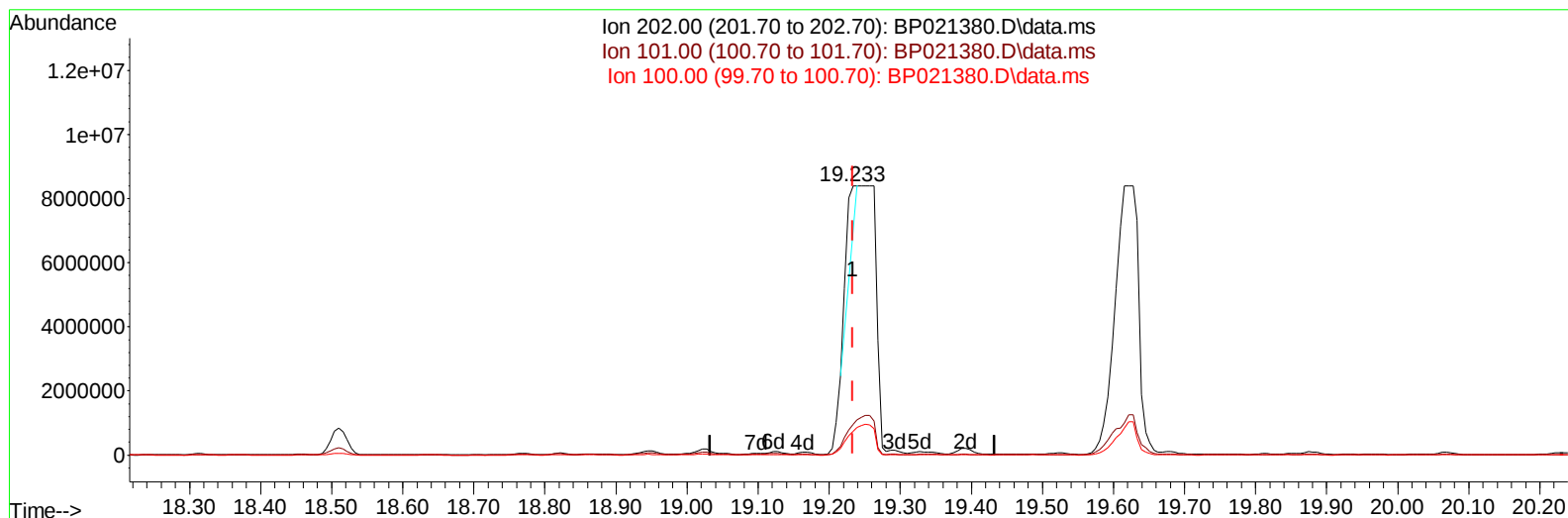
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
Data File : BP021380.D
Acq On : 05 Aug 2024 20:54
Operator : CG/JU
Sample : P3329-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7E01

Manual IntegrationsAPPROVED

Quant Time: Aug 06 00:38:01 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: BP021380.D\data.ms

(80) Fluoranthene

19.233min (+ 0.000) 46.34 ng/u1

response 3783716

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	10.00	11.41
100.00	7.60	8.87
0.00	0.00	0.00

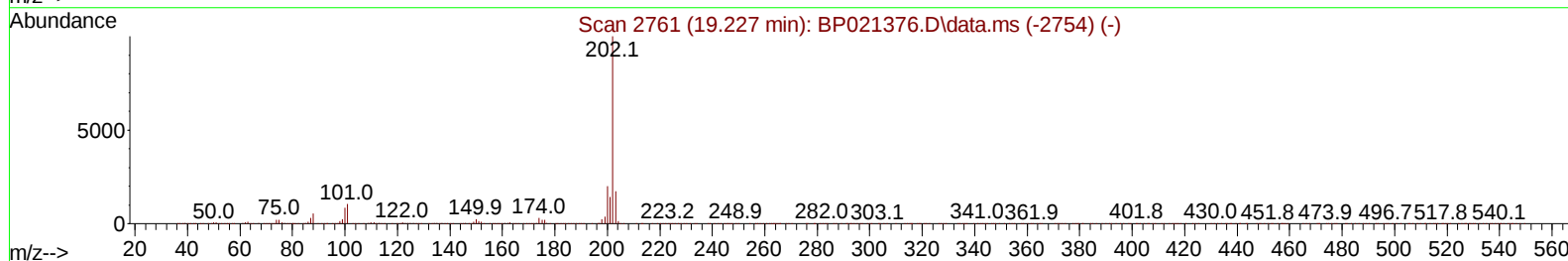
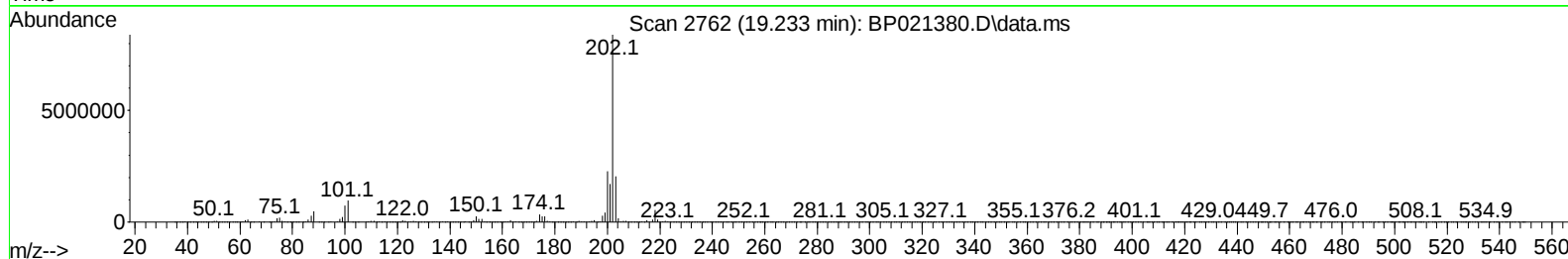
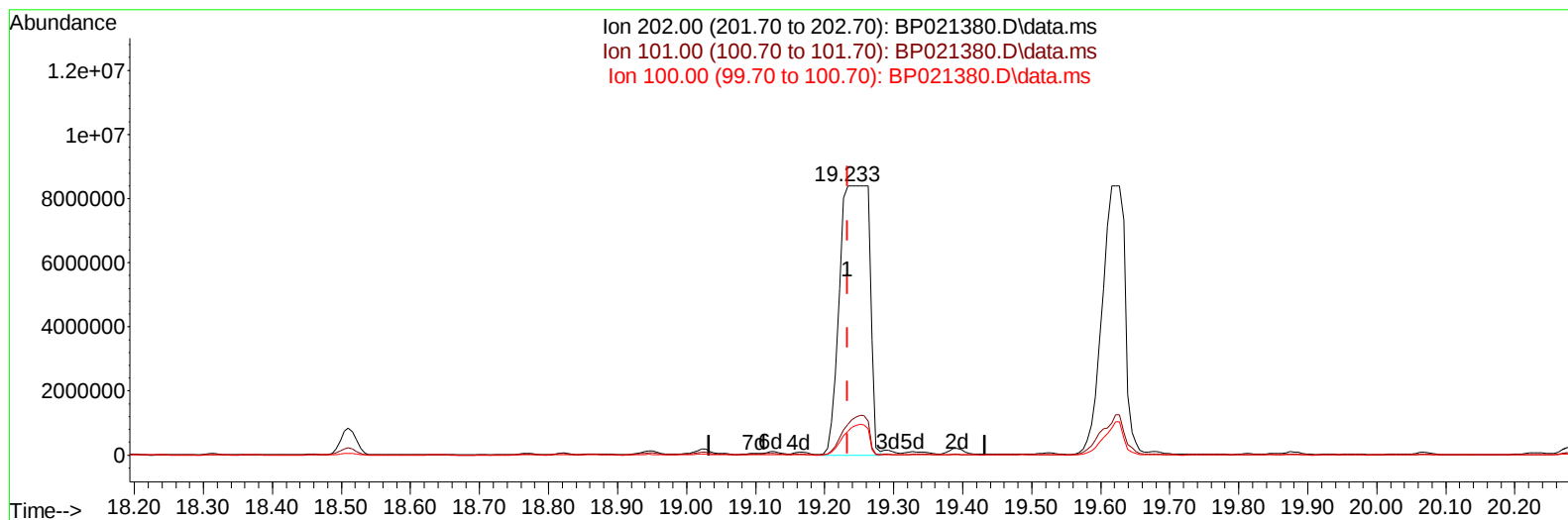
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
Data File : BP021380.D
Acq On : 05 Aug 2024 20:54
Operator : CG/JU
Sample : P3329-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7E01

Manual IntegrationsAPPROVED

Quant Time: Aug 06 00:38:01 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: BP021380.D\data.ms

(80) Fluoranthene

19.233min (+ 0.000) 307.70 ng/u1 m

response 25122566

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	10.00	11.41
100.00	7.60	8.87
0.00	0.00	0.00

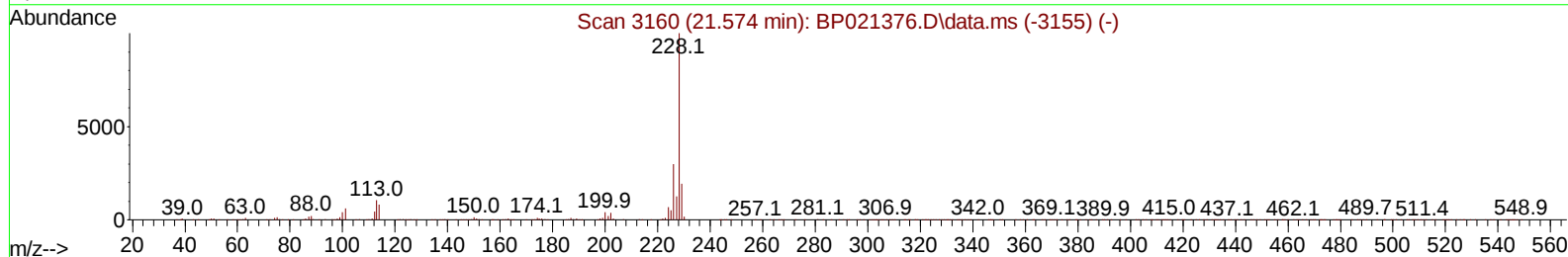
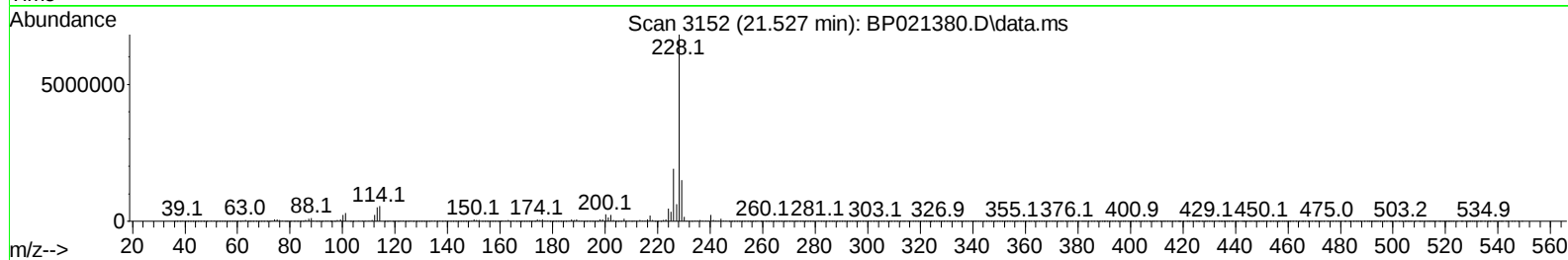
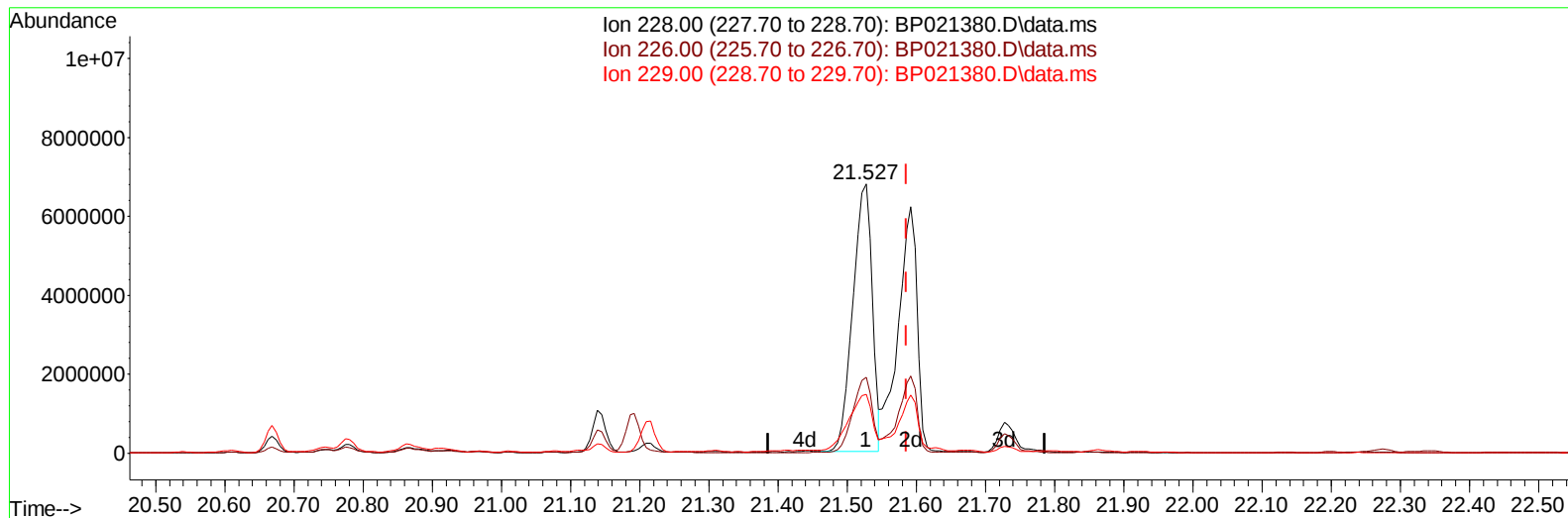
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
 Data File : BP021380.D
 Acq On : 05 Aug 2024 20:54
 Operator : CG/JU
 Sample : P3329-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F7E01

Manual IntegrationsAPPROVED

Quant Time: Aug 06 00:38:01 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
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TIC: BP021380.D\data.ms

(87) Chrysene

21.527min (-0.058) 184.60 ng/u1

response 13140225

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	28.24
229.00	19.40	21.90
0.00	0.00	0.00

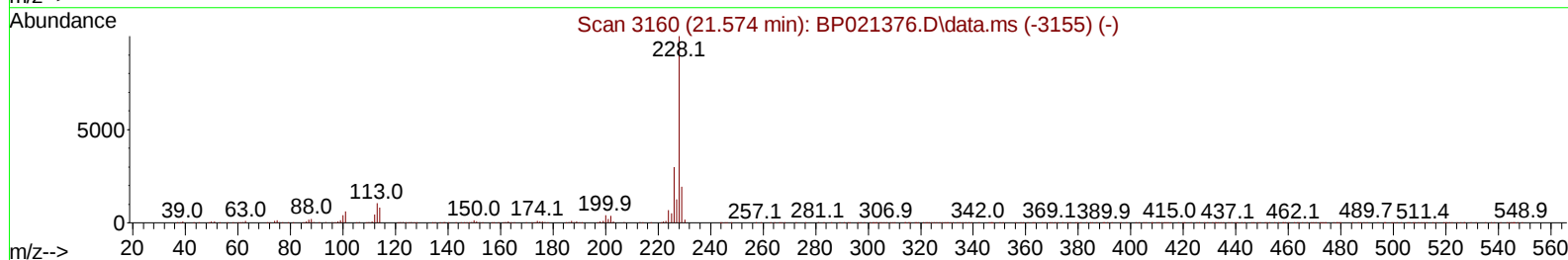
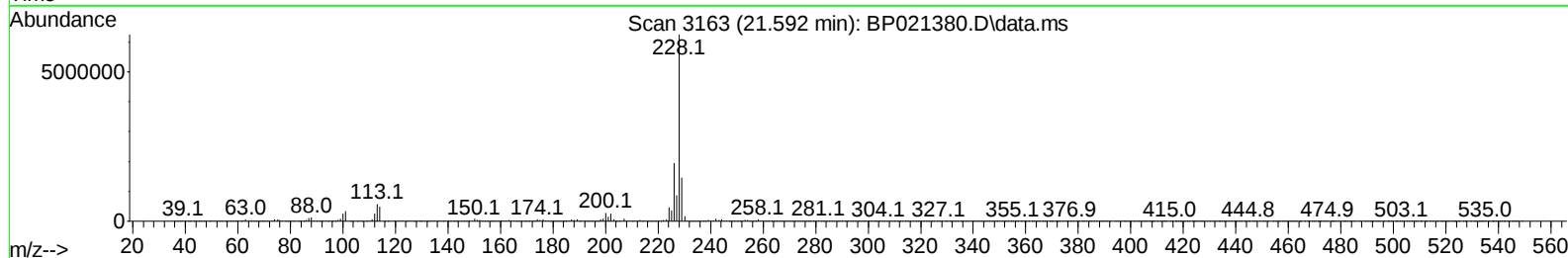
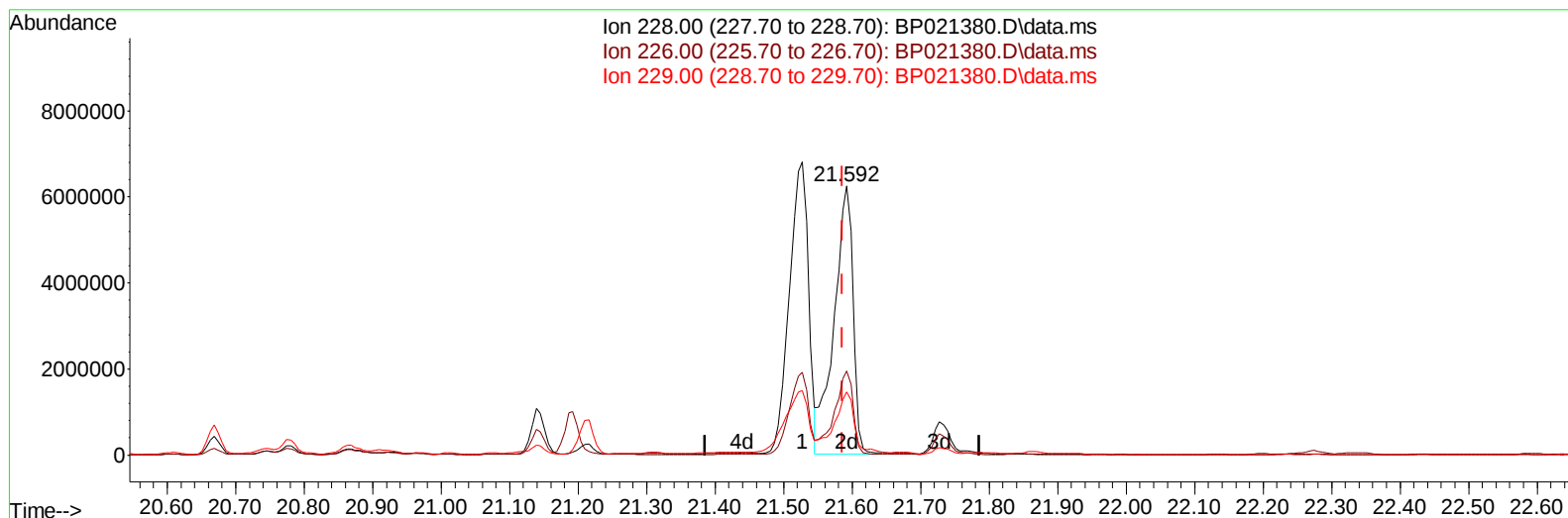
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
Data File : BP021380.D
Acq On : 05 Aug 2024 20:54
Operator : CG/JU
Sample : P3329-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7E01

Manual IntegrationsAPPROVED

Quant Time: Aug 06 00:38:01 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: BP021380.D\data.ms

(87) Chrysene

21.592min (+ 0.006) 167.96 ng/u1 m

response 11955988

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	31.28
229.00	19.40	23.46#
0.00	0.00	0.00

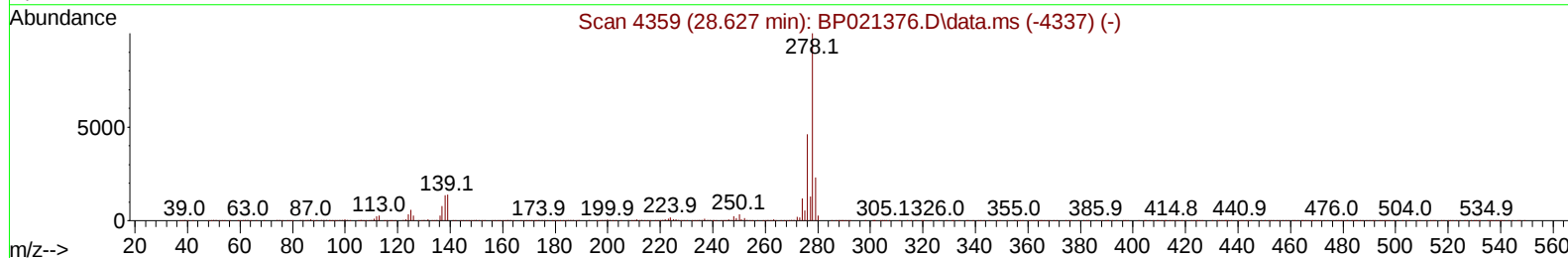
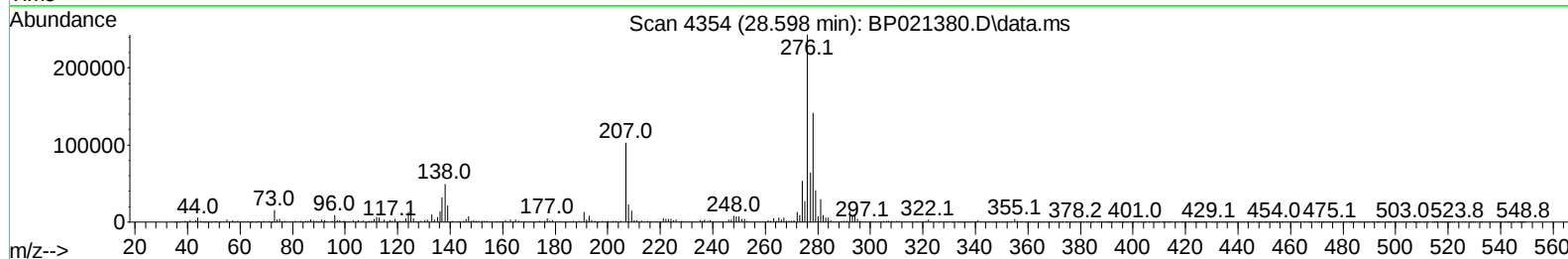
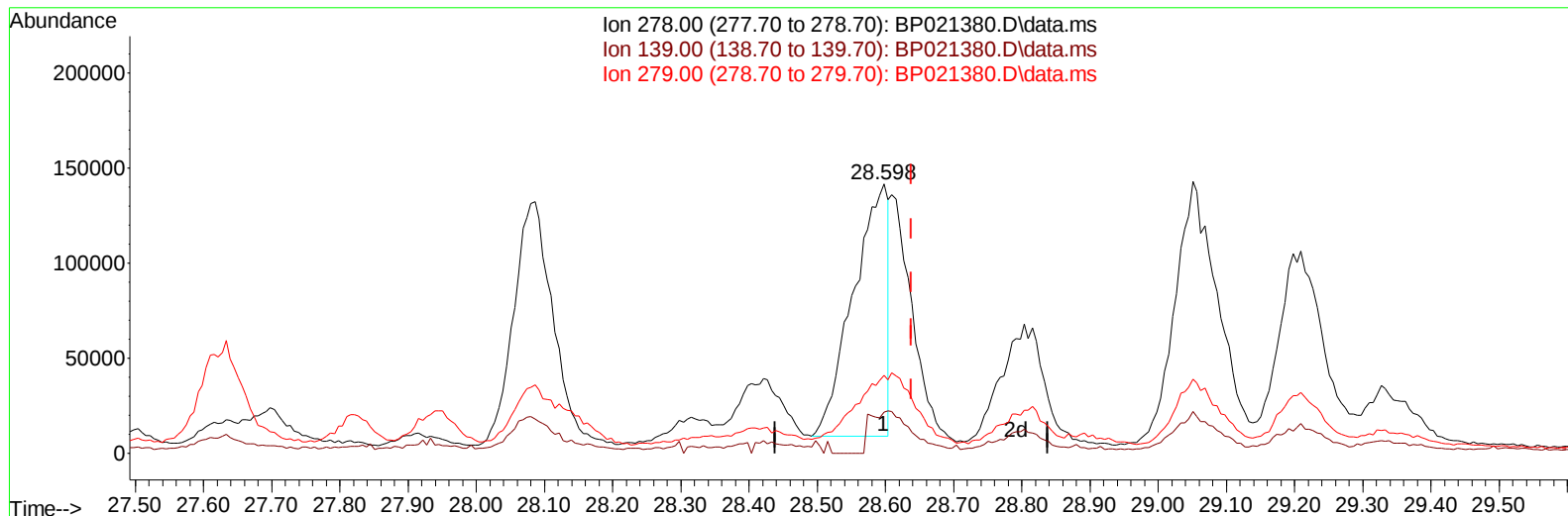
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
Data File : BP021380.D
Acq On : 05 Aug 2024 20:54
Operator : CG/JU
Sample : P3329-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7E01

Manual IntegrationsAPPROVED

Quant Time: Aug 06 00:39:48 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: BP021380.D\data.ms

(95) Dibenzo(a,h)anthracene

28.598min (-0.041) 5.40 ng/u1

response 468698

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.60	15.14
279.00	24.20	28.95
0.00	0.00	0.00

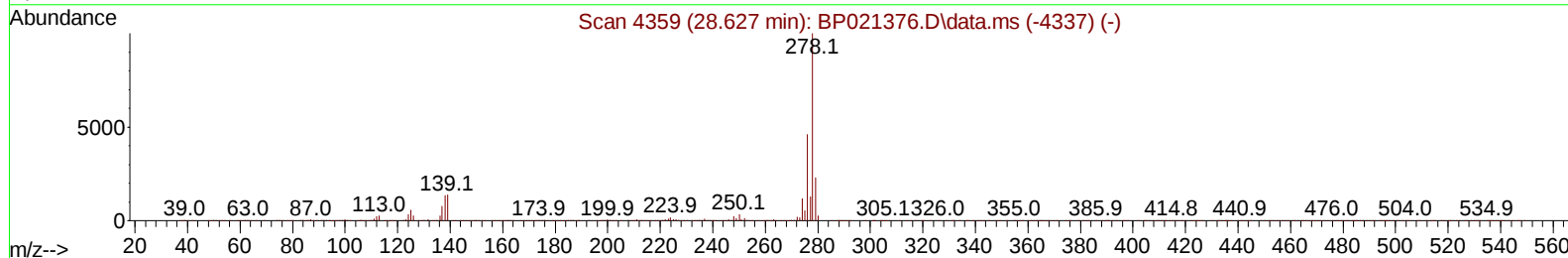
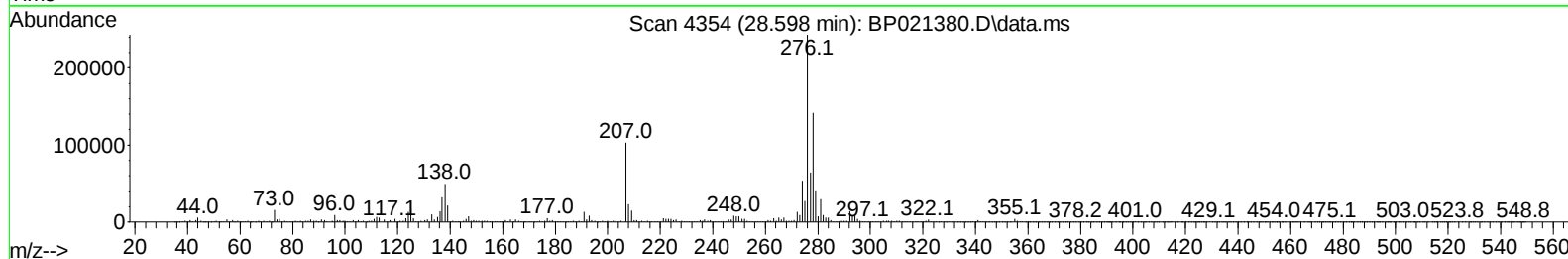
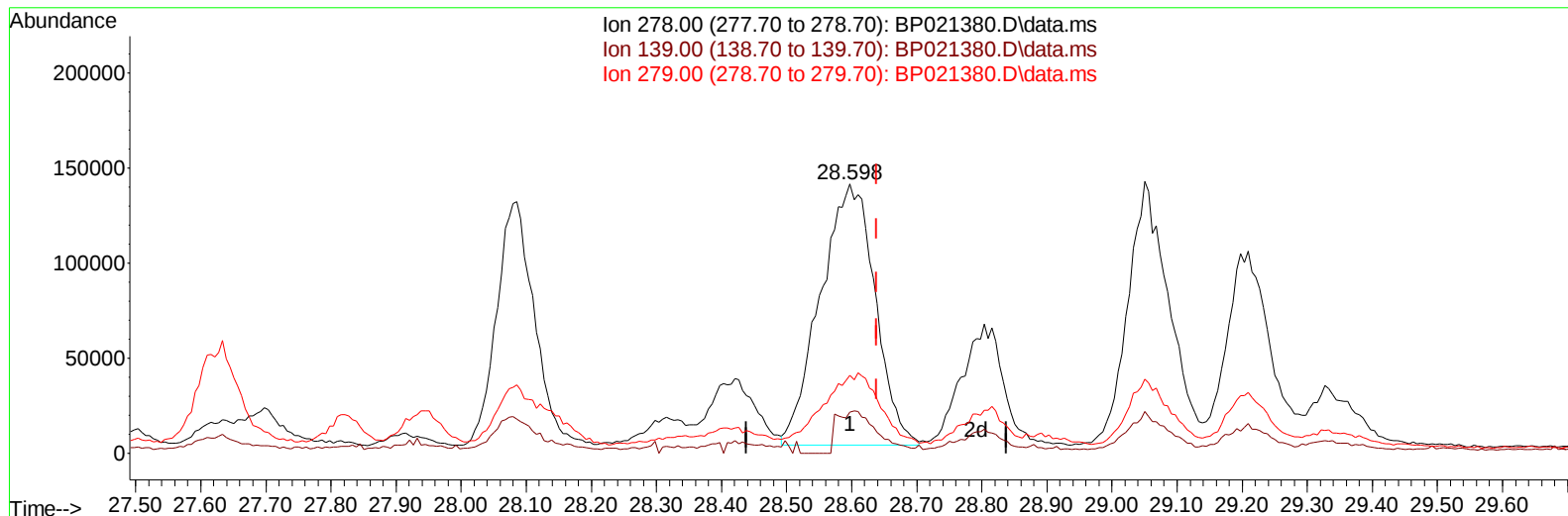
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
Data File : BP021380.D
Acq On : 05 Aug 2024 20:54
Operator : CG/JU
Sample : P3329-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7E01

Manual IntegrationsAPPROVED

Quant Time: Aug 06 00:39:48 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: BP021380.D\data.ms

(95) Dibenzo(a,h)anthracene

28.598min (-0.041) 9.20 ng/ul m

response 798196

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.60	15.14
279.00	24.20	28.95
0.00	0.00	0.00

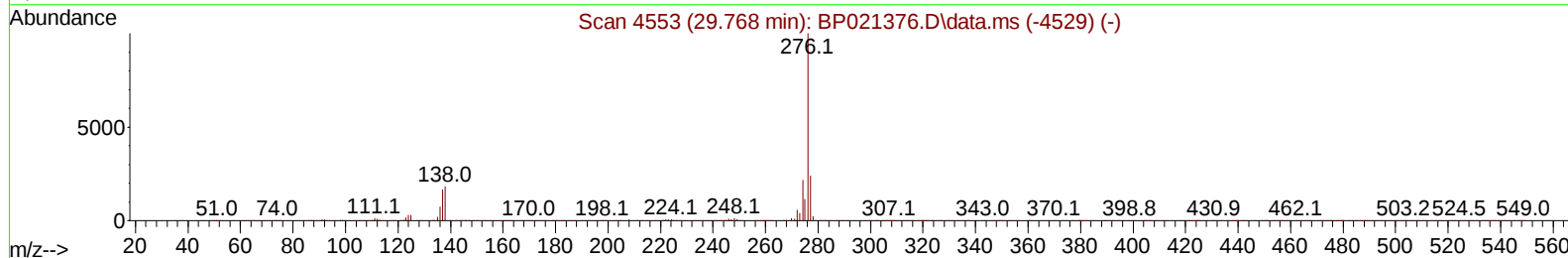
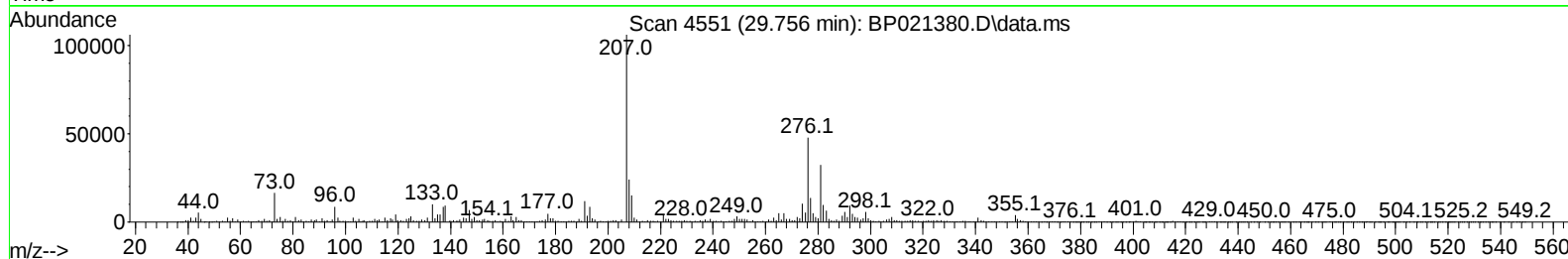
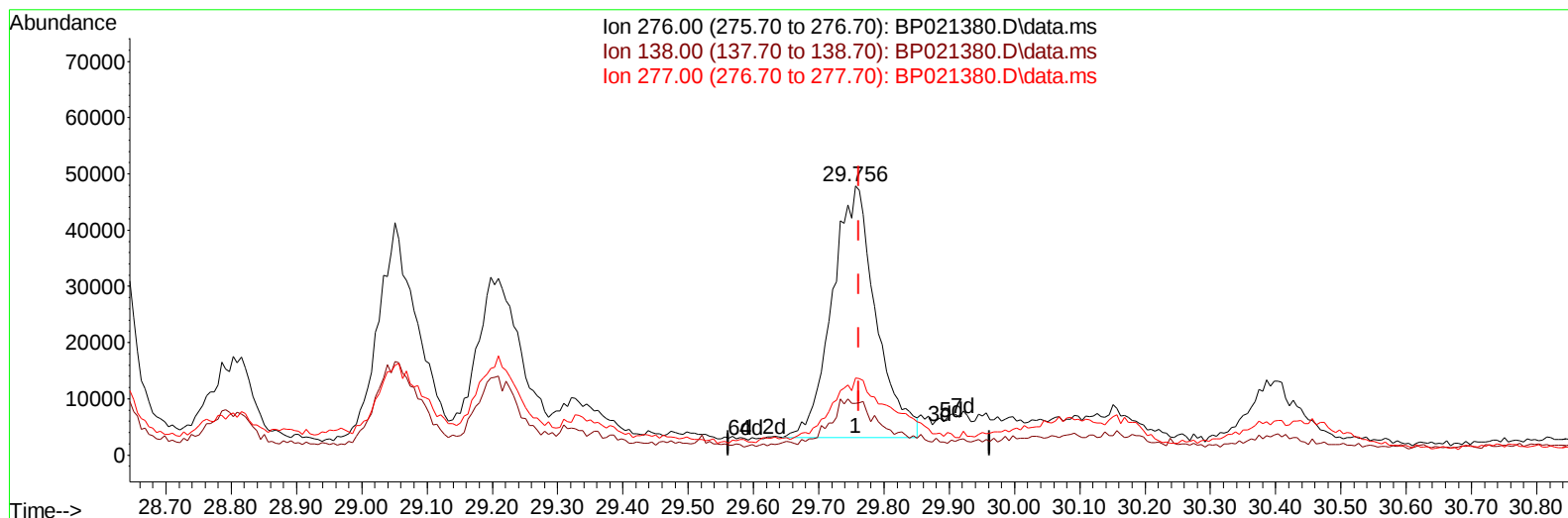
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
Data File : BP021380.D
Acq On : 05 Aug 2024 20:54
Operator : CG/JU
Sample : P3329-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7E01

Manual IntegrationsAPPROVED

Quant Time: Aug 06 00:39:48 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
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Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024



TIC: BP021380.D\data.ms

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

29.756min (-0.006) 2.44 ng/u1

response 208370

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.10	19.24
277.00	22.70	28.58#
0.00	0.00	0.00

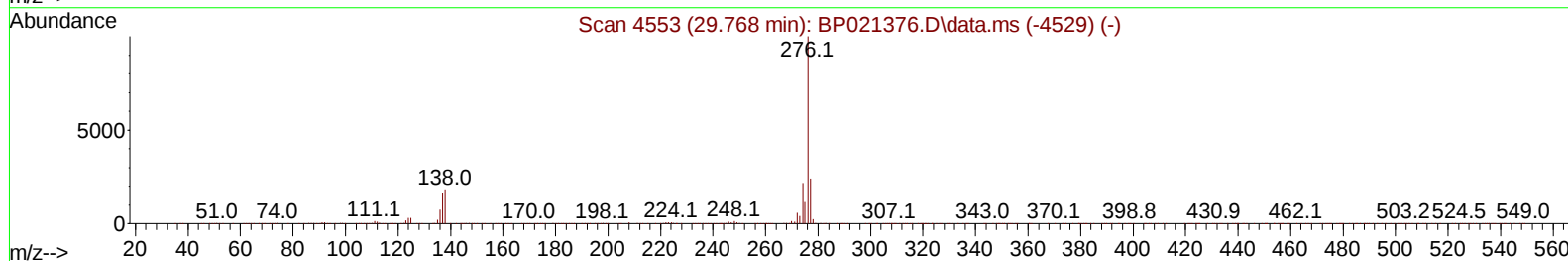
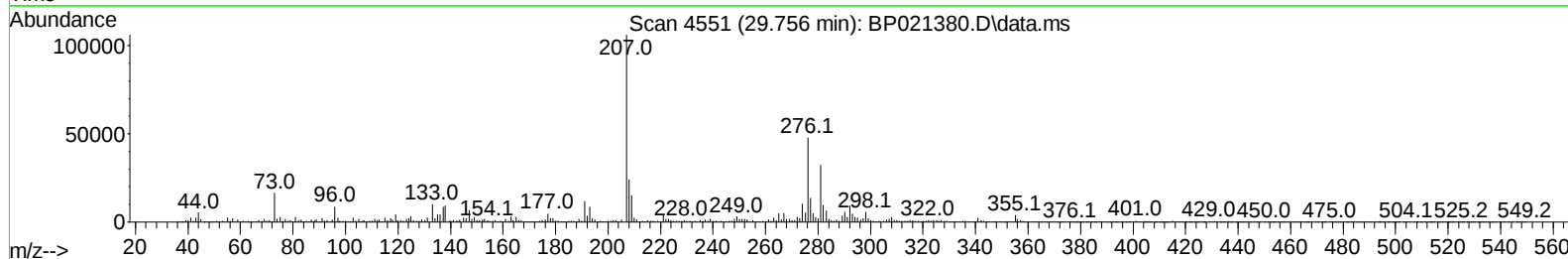
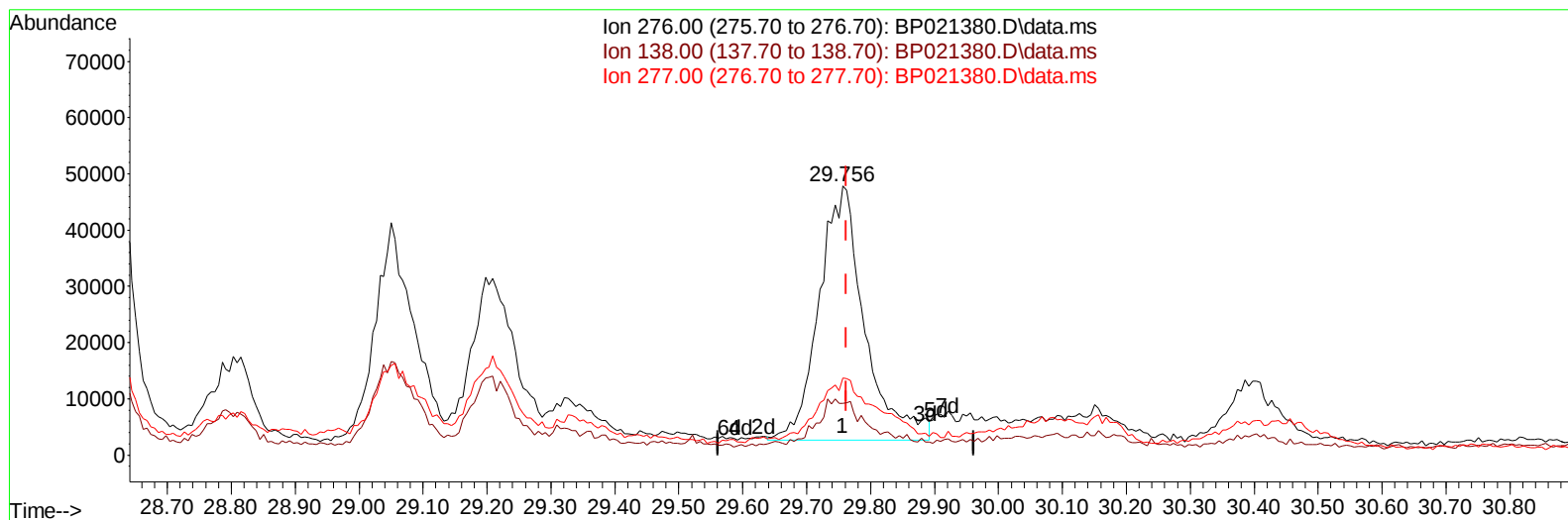
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
Data File : BP021380.D
Acq On : 05 Aug 2024 20:54
Operator : CG/JU
Sample : P3329-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7E01

Manual IntegrationsAPPROVED

Quant Time: Aug 06 00:39:48 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: BP021380.D\data.ms

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

29.756min (-0.006) 2.63 ng/u1 m

response 223965

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.10	19.24
277.00	22.70	28.58#
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	7.605	152	186442	20.000	ng/ul	-0.03
20) Naphthalene-d8	10.369	136	752981	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.257	164	551973	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.098	188	1104204	20.000	ng/ul	0.00
79) Chrysene-d12	21.539	240	1093555	20.000	ng/ul	0.00
88) Perylene-d12	24.821	264	1417254	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	9656	2.357	ng/uL	-0.02
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.840	99	198770	13.077	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	118575	12.872	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.169	132	169183	13.509	ng/ul	-0.01
15) 4-Methylphenol-d8	8.352	113	178536	14.142	ng/ul	-0.01
21) Nitrobenzene-d5	8.781	128	90513	15.476	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.493	143	100990	15.087	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.046	165	180775	14.935	ng/ul	0.00
31) 4-Chloroaniline-d4	10.557	131	322516	20.113	ng/ul	0.00
46) Dimethylphthalate-d6	13.675	166	641545	15.988	ng/ul	0.00
49) Acenaphthylene-d8	13.945	160	714693	15.863	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.622	143	99266m	17.388	ng/ul	0.04
60) Fluorene-d10	15.275	176	574366	17.448	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.510	200	14245m	2.132	ng/ul	0.05
73) Anthracene-d10	17.210	188	882956	18.004	ng/ul	0.02
81) Pyrene-d10	19.580	212	913976	13.519	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.586	264	806339	11.536	ng/ul	-0.01
Target Compounds						
					Qvalue	
16) Acetophenone	8.457	105	43322	2.223	ng/ul	98
30) Naphthalene	10.434	128	18904601	477.300	ng/ul#	94
36) 2-Methylnaphthalene	12.057	142	11744456	431.973	ng/ul	99
37) 1-Methylnaphthalene	12.275	142	6685589	239.093	ng/ul	100
43) 1,1'-Biphenyl	13.069	154	4329224	107.321	ng/ul	100
50) Acenaphthylene	13.975	152	683772	13.404	ng/ul#	88
52) Acenaphthene	14.339	153	12853419	379.623	ng/ul	99
56) Dibenzofuran	14.681	168	14964787	322.757	ng/ul	94
61) Fluorene	15.357	166	16328630	431.567	ng/ul	100
72) Phenanthrene	17.139	178	36323866m	634.127	ng/ul	
74) Anthracene	17.245	178	14939064	255.821	ng/ul#	92
77) Carbazole	17.533	167	3551179	74.390	ng/ul	98
80) Fluoranthene	19.233	202	25122566m	307.698	ng/ul	
82) Pyrene	19.616	202	19265139	231.878	ng/ul	99
85) Benzo(a)anthracene	21.527	228	13191836	172.208	ng/ul	96
87) Chrysene	21.592	228	11955988m	167.964	ng/ul	
90) Benzo(b)fluoranthene	23.786	252	9967948	115.898	ng/ul	98
91) Benzo(k)fluoranthene	23.845	252	3607064	42.025	ng/ul	98
93) Benzo(a)pyrene	24.674	252	3229017	39.730	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.568	276	1758292	16.789	ng/ul	97
95) Dibenzo(a,h)anthracene	28.598	278	798196m	9.204	ng/ul	
96) Benzo(g,h,i)perylene	29.756	276	223965m	2.626	ng/ul	

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

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