

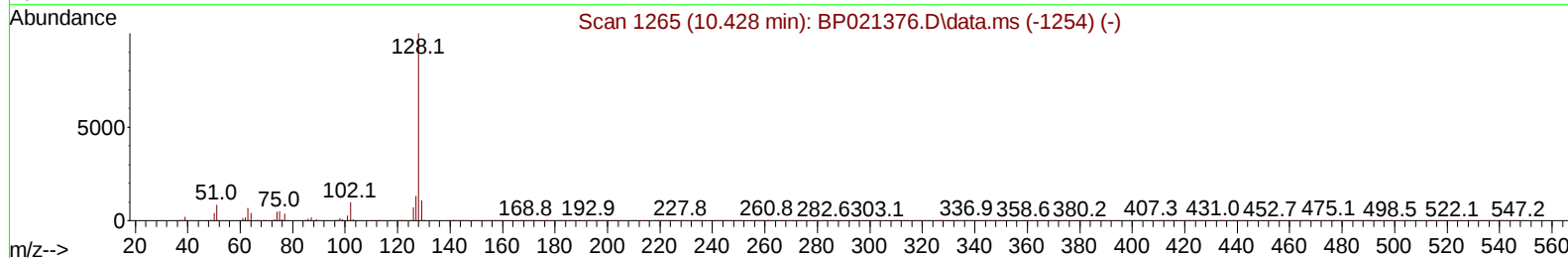
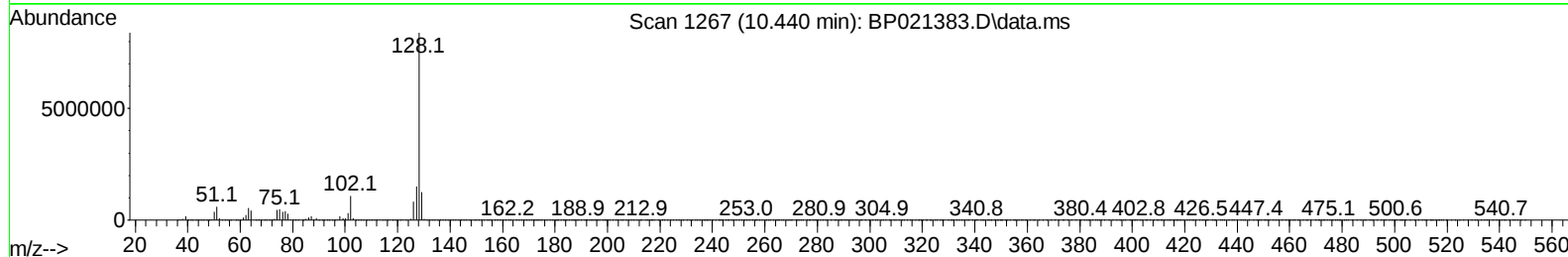
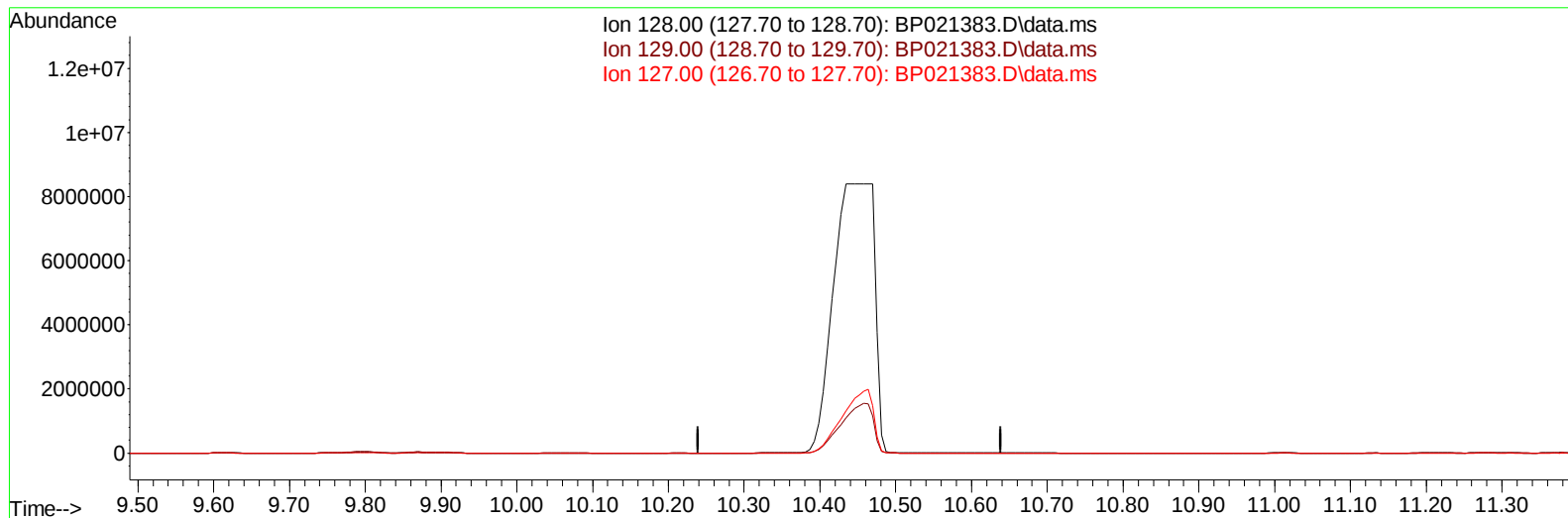
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
Data File : BP021383.D
Acq On : 05 Aug 2024 23:16
Operator : CG/JU
Sample : P3329-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7E25

Manual IntegrationsAPPROVED

Quant Time: Aug 06 00:22:12 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: BP021383.D\data.ms

(30) Naphthalene

10.439min (-10.439) 0.00 ng/u1

response 0

Ion	Exp%	Act%
128.00	100.00	0.00
129.00	10.80	0.00#
127.00	13.50	0.00#
0.00	0.00	0.00

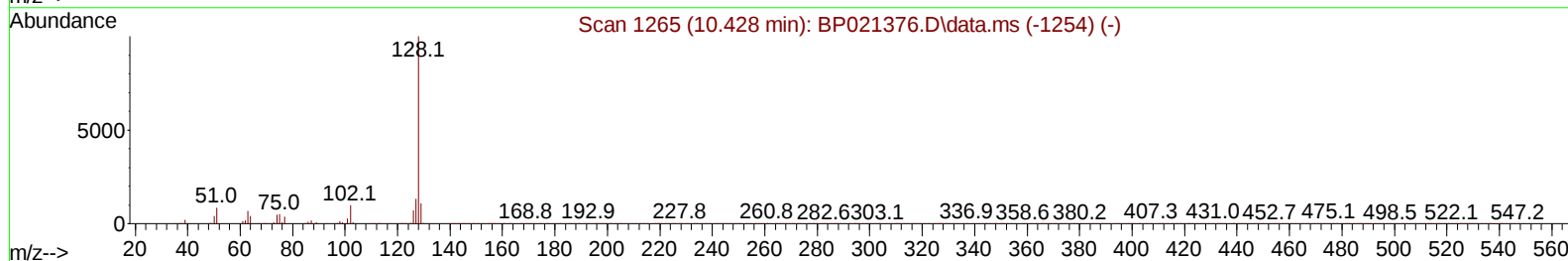
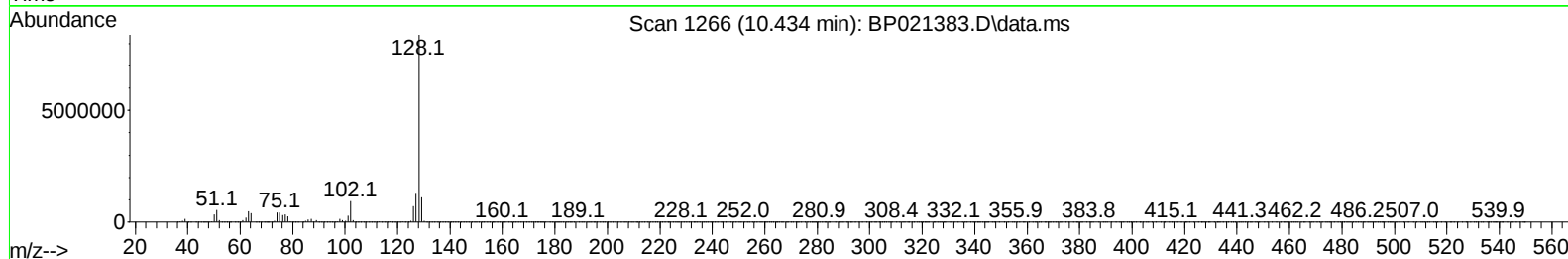
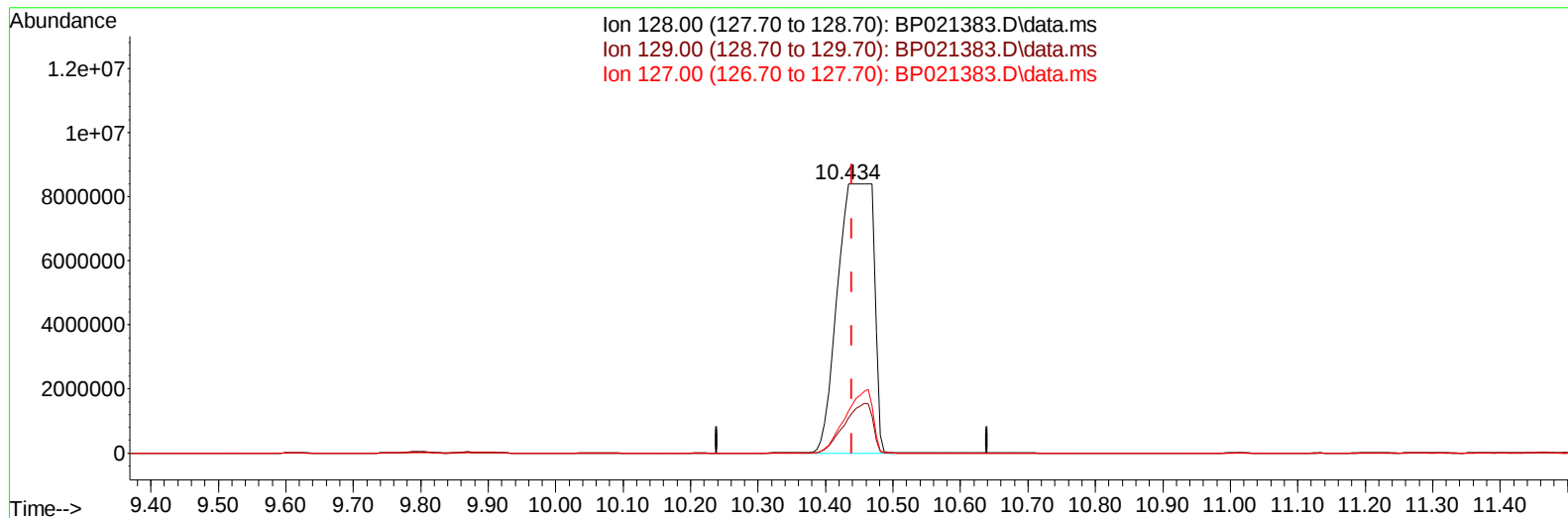
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
Data File : BP021383.D
Acq On : 05 Aug 2024 23:16
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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Quant Title : SVOA CALIBRATION
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TIC: BP021383.D\data.ms

(30) Naphthalene

10.434min (-0.005) 872.30 ng/ul m

response 31124288

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	10.80	13.17#
127.00	13.50	15.60
0.00	0.00	0.00

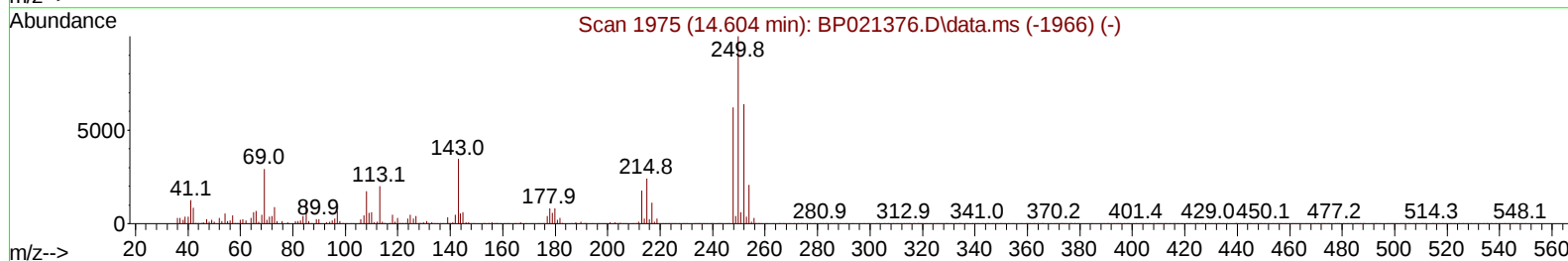
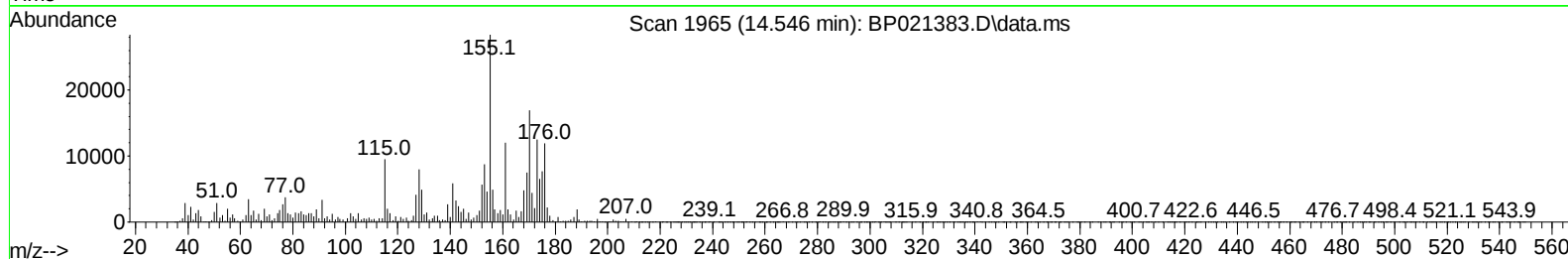
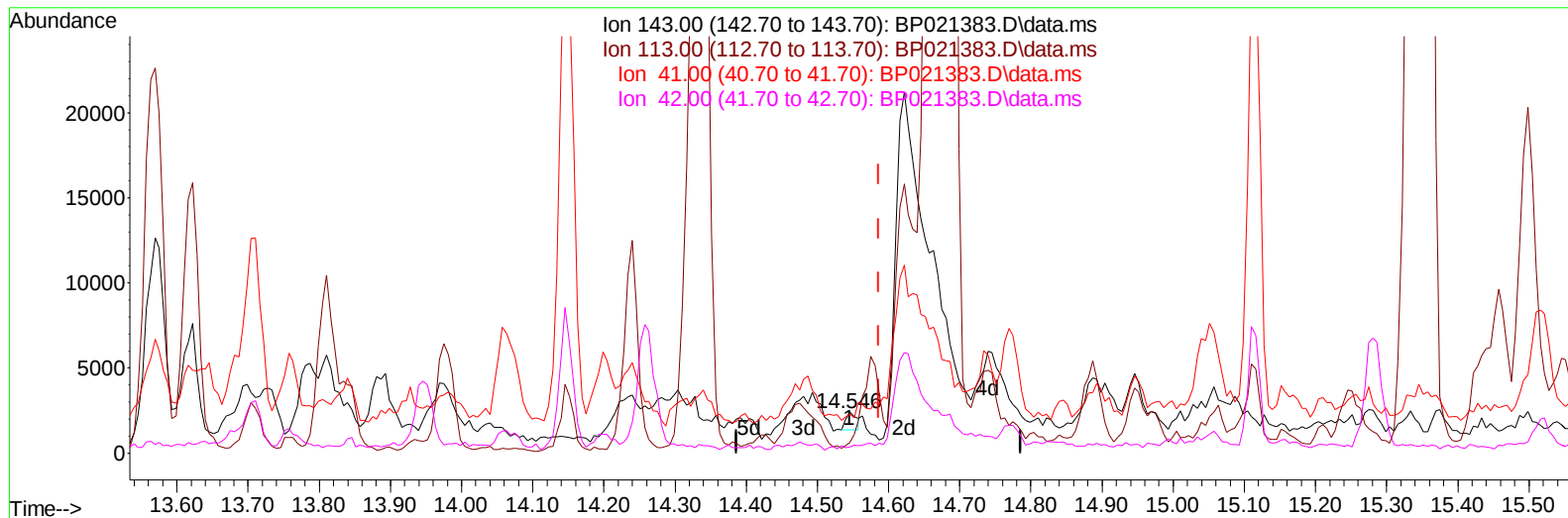
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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TIC: BP021383.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.546min (-0.041) 0.22 ng/ul

response 1080

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	74.70	25.86#
41.00	37.90	96.49#
42.00	27.10	14.94#

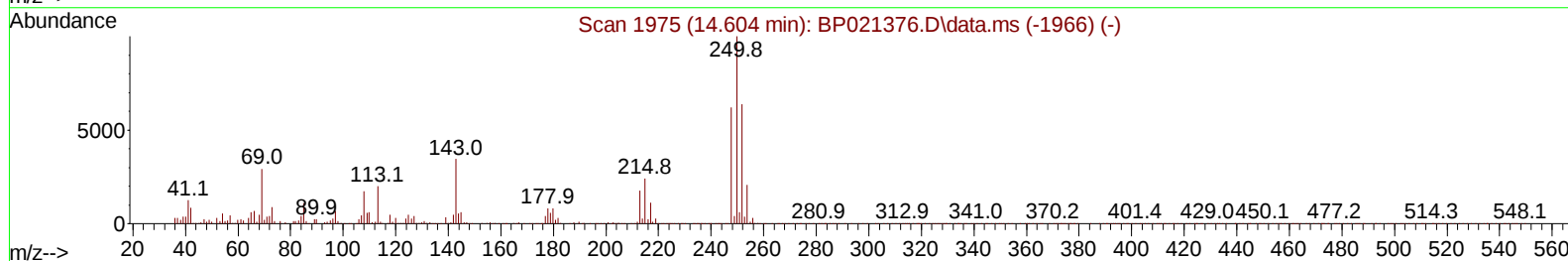
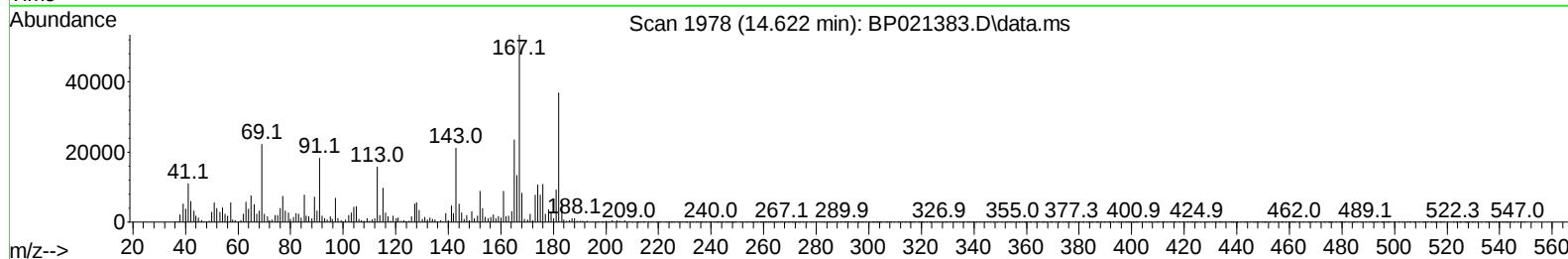
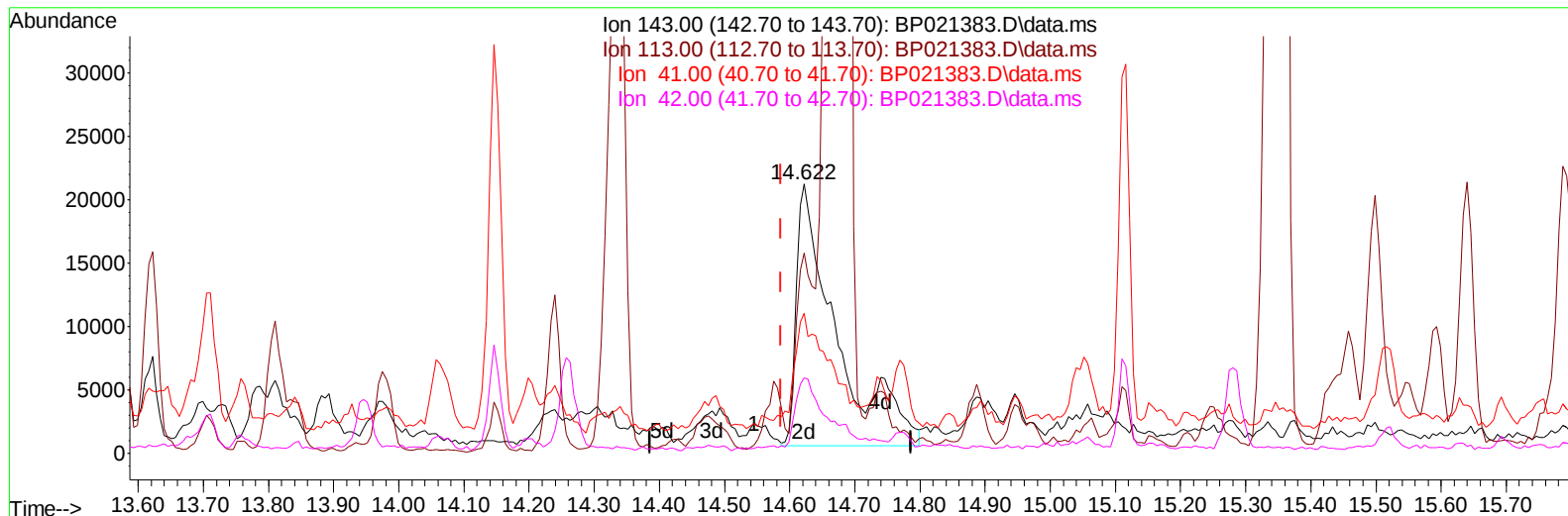
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
Data File : BP021383.D
Acq On : 05 Aug 2024 23:16
Operator : CG/JU
Sample : P3329-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7E25

Manual IntegrationsAPPROVED

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TIC: BP021383.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.622min (+ 0.036) 17.61 ng/ul m

response 87712

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	74.70	74.50
41.00	37.90	52.06#
42.00	27.10	27.88

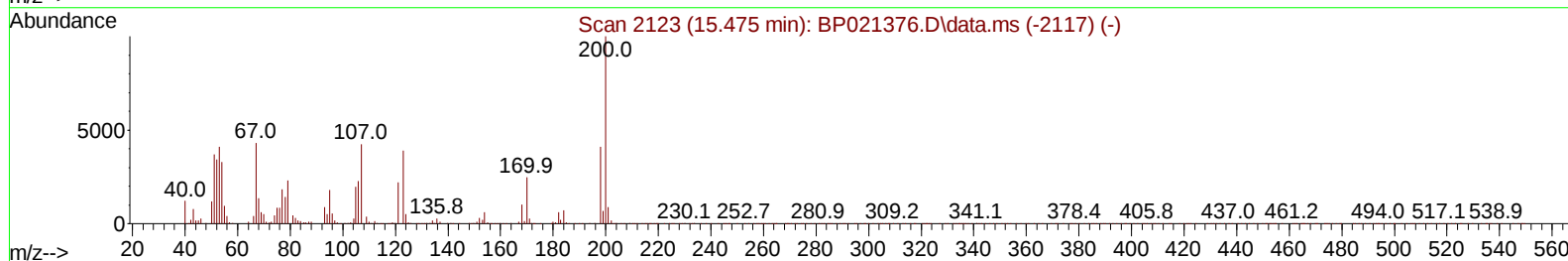
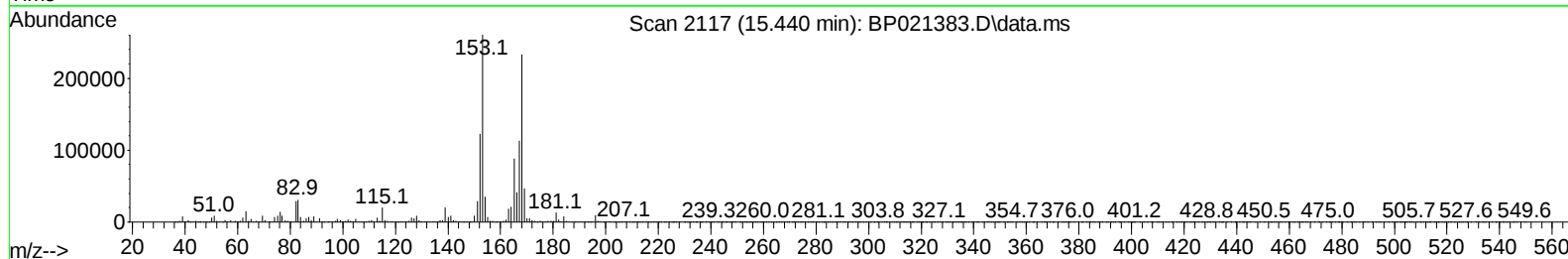
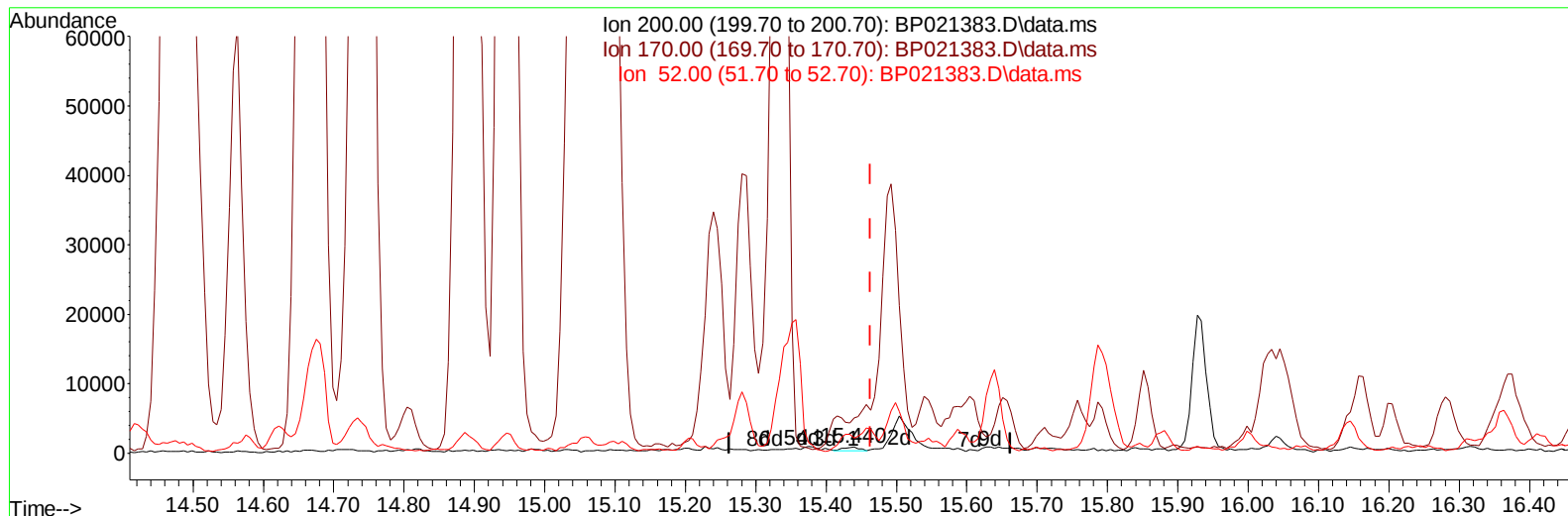
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
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Acq On : 05 Aug 2024 23:16
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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TIC: BP021383.D\data.ms

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

15.440min (-0.023) 0.13 ng/u1

response 732

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.00	591.02#
52.00	38.50	256.71#
0.00	0.00	0.00

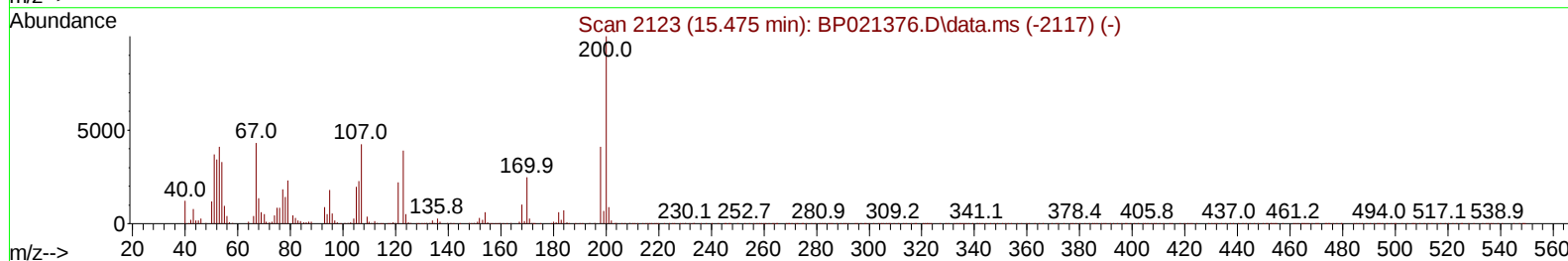
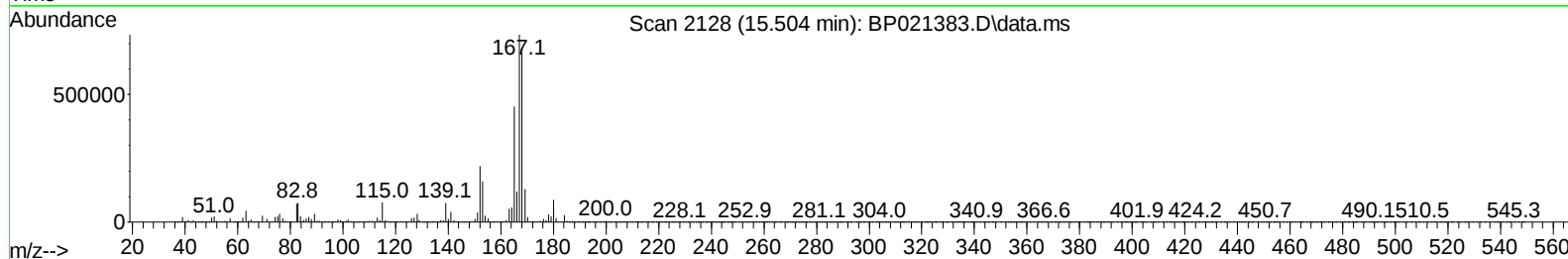
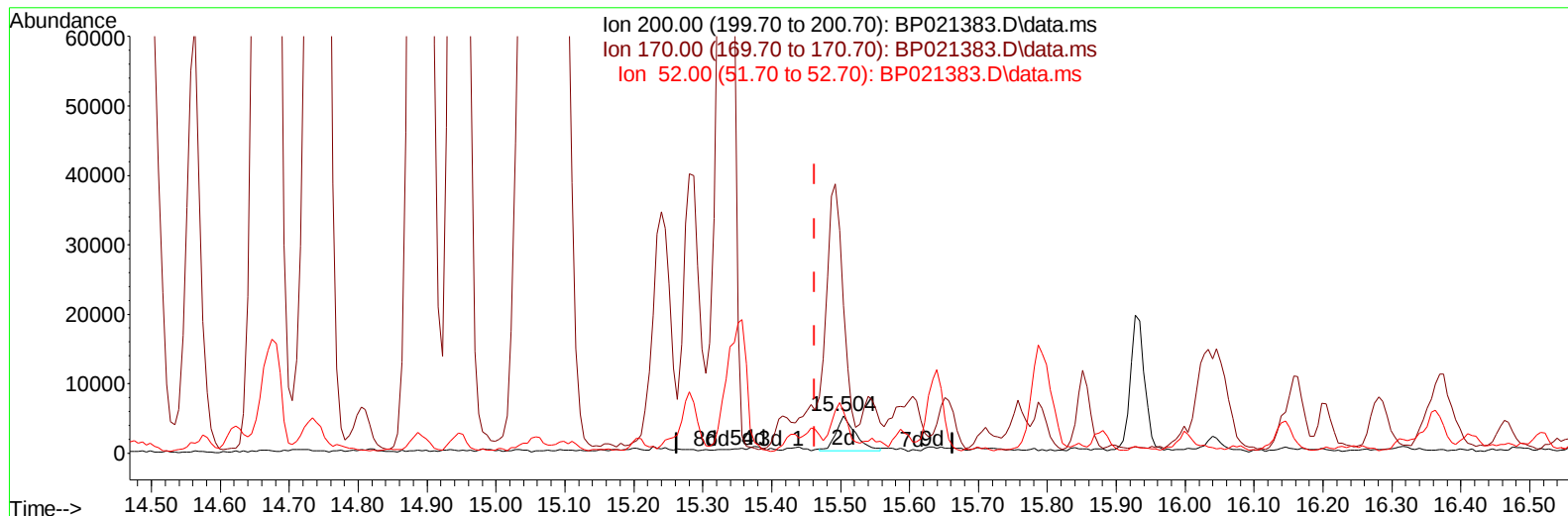
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
Data File : BP021383.D
Acq On : 05 Aug 2024 23:16
Operator : CG/JU
Sample : P3329-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7E25

Manual IntegrationsAPPROVED

Quant Time: Aug 06 00:22:12 2024
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TIC: BP021383.D\data.ms

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

15.504min (+ 0.042) 1.67 ng/ul m

response 9656

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.00	394.72#
52.00	38.50	112.00#
0.00	0.00	0.00

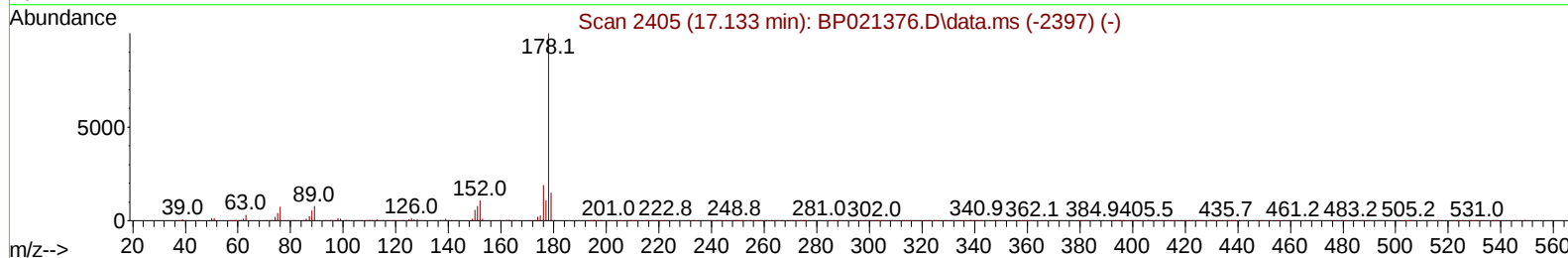
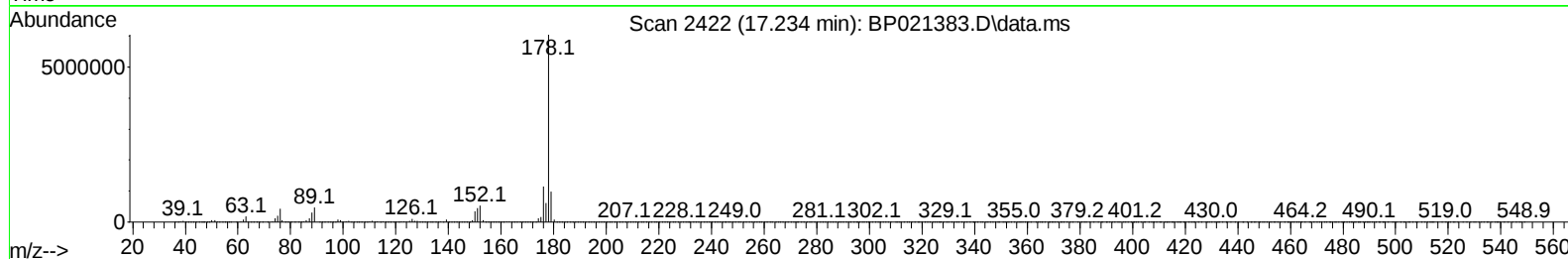
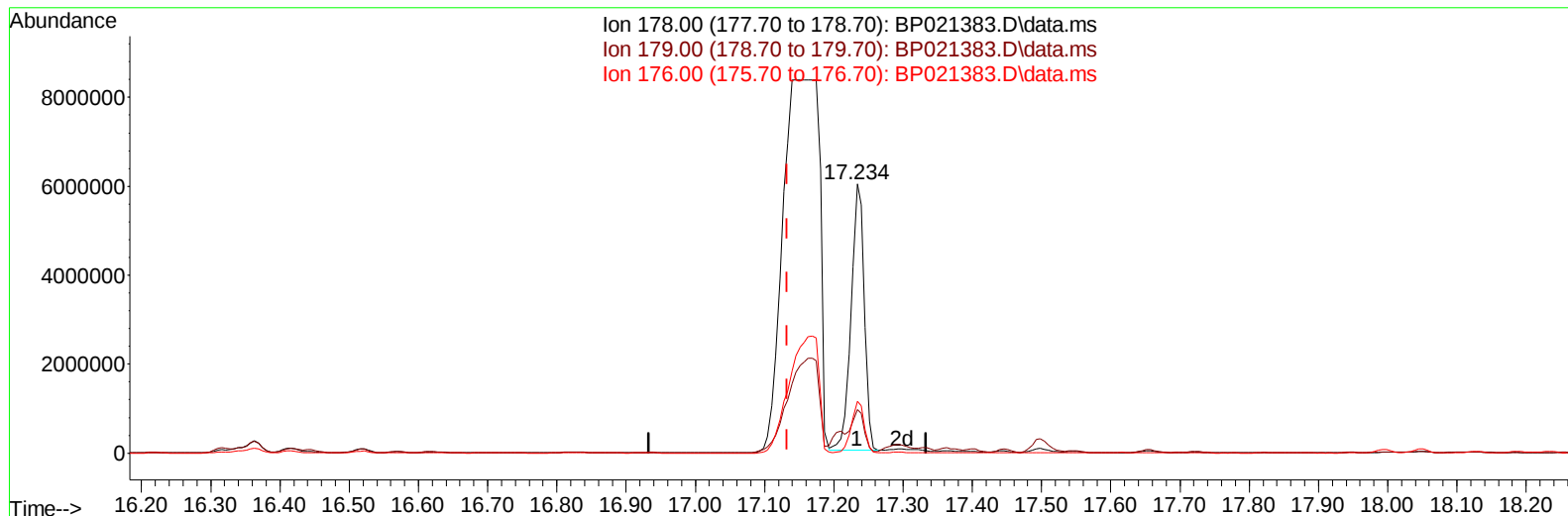
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
Data File : BP021383.D
Acq On : 05 Aug 2024 23:16
Operator : CG/JU
Sample : P3329-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7E25

Manual IntegrationsAPPROVED

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration



TIC: BP021383.D\data.ms

(72) Phenanthrene

17.234min (+ 0.100) 160.86 ng/u1

response 7965634

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.30	16.22
176.00	18.70	19.15
0.00	0.00	0.00

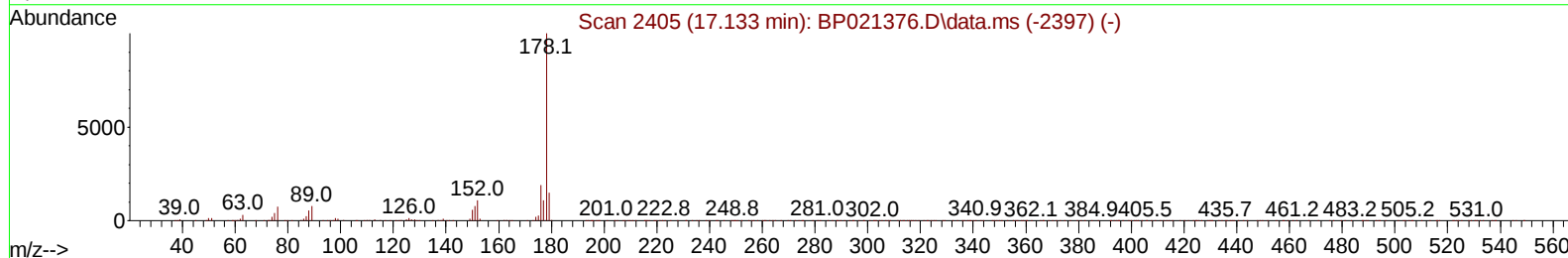
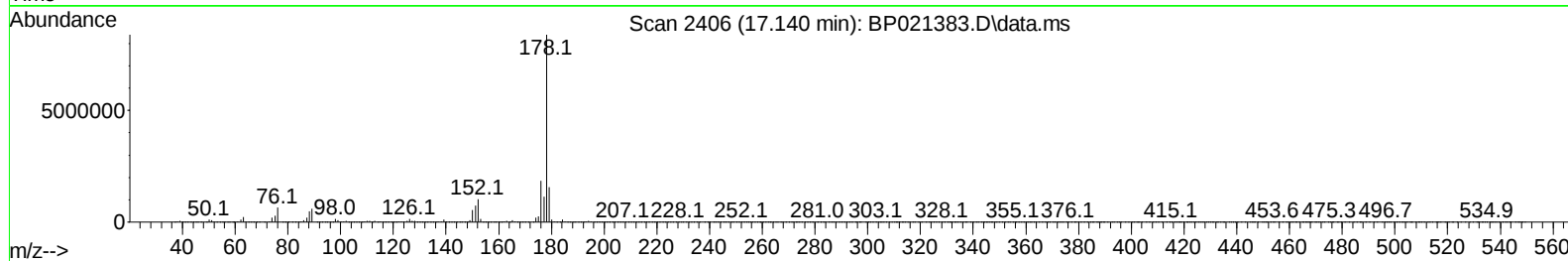
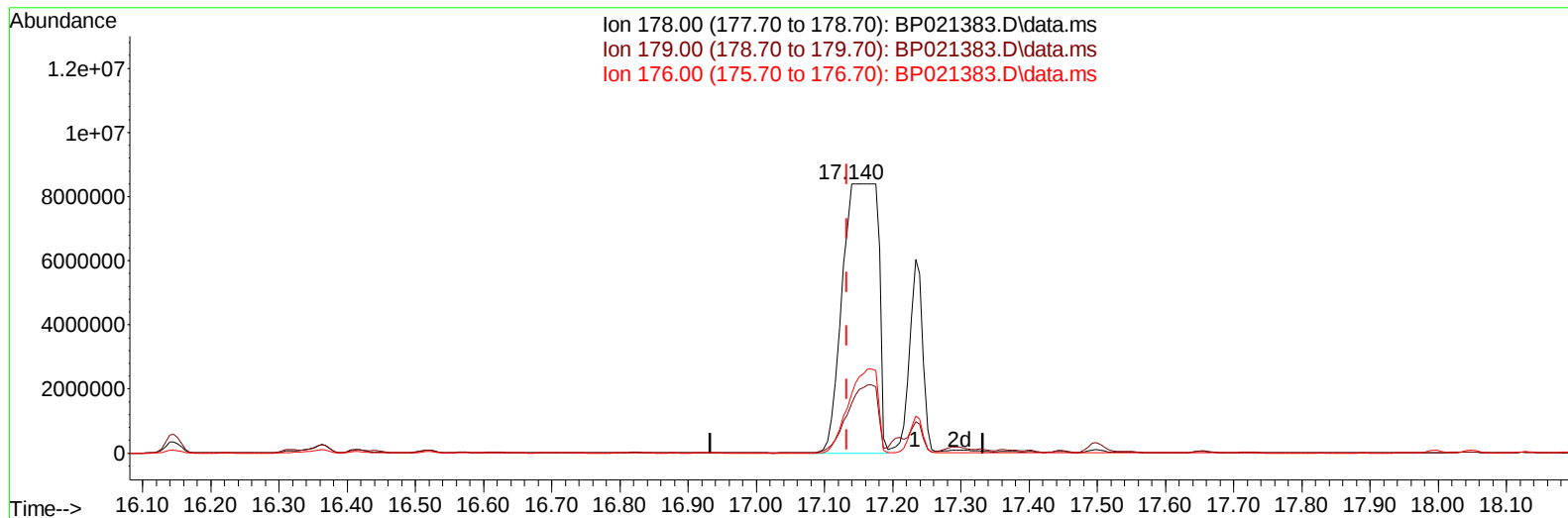
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
Data File : BP021383.D
Acq On : 05 Aug 2024 23:16
Operator : CG/JU
Sample : P3329-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7E25

Manual IntegrationsAPPROVED

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

Quant Time: Aug 06 00:22:12 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



TIC: BP021383.D\data.ms

(72) Phenanthrene

17.140min (+ 0.006) 614.39 ng/u1 m

response 30424316

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.30	18.64#
176.00	18.70	21.96
0.00	0.00	0.00

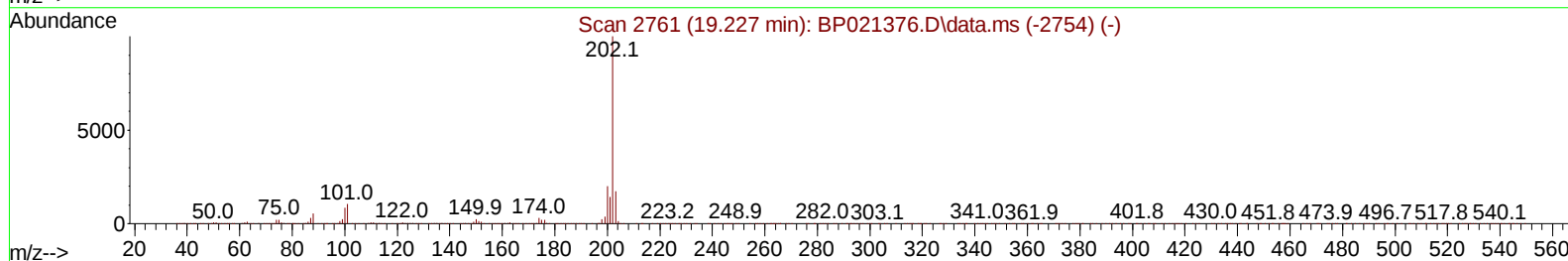
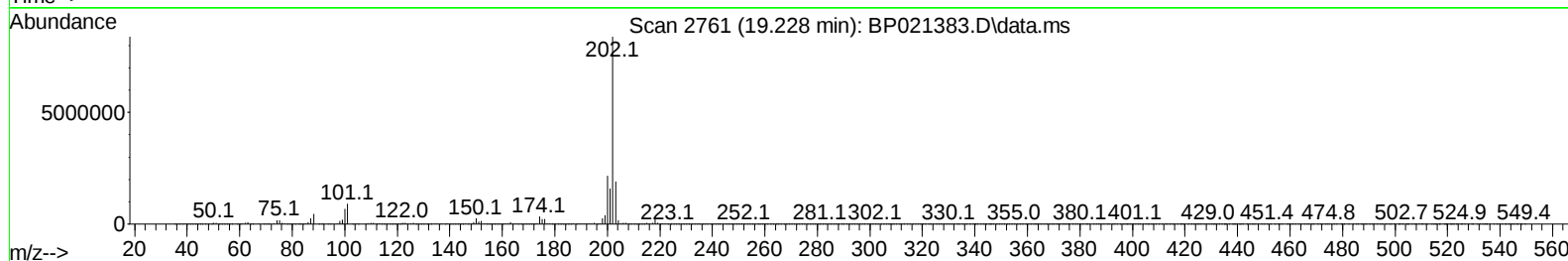
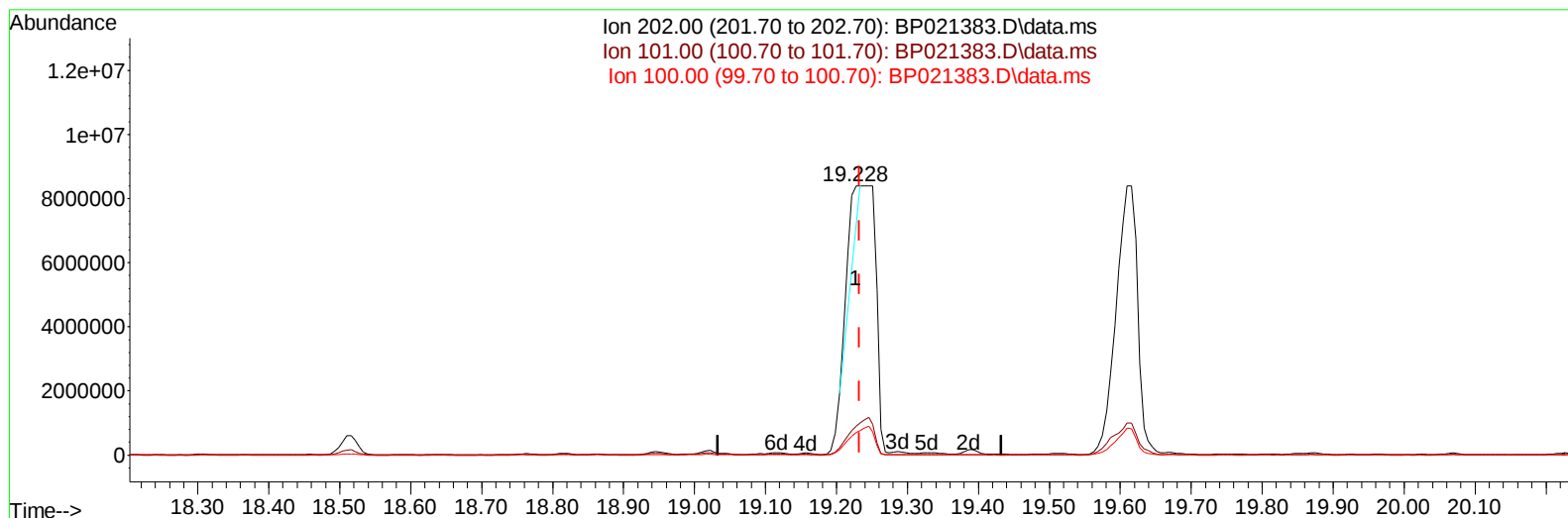
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
Data File : BP021383.D
Acq On : 05 Aug 2024 23:16
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Sample : P3329-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7E25

Manual IntegrationsAPPROVED

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TIC: BP021383.D\data.ms

(80) Fluoranthene

19.228min (-0.005) 56.90 ng/u1

response 3923700

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	10.00	10.85
100.00	7.60	8.30
0.00	0.00	0.00

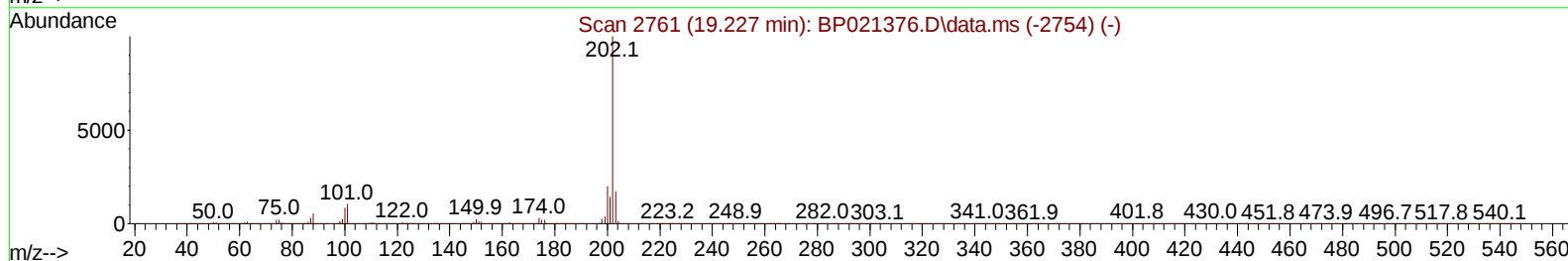
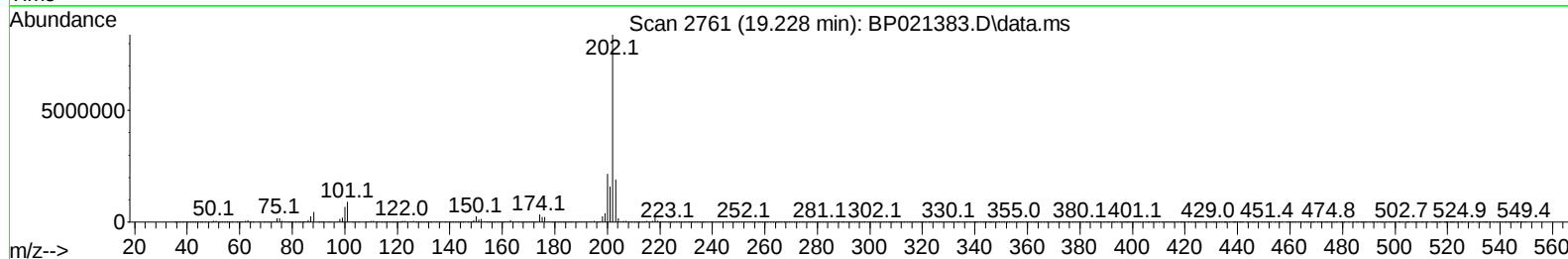
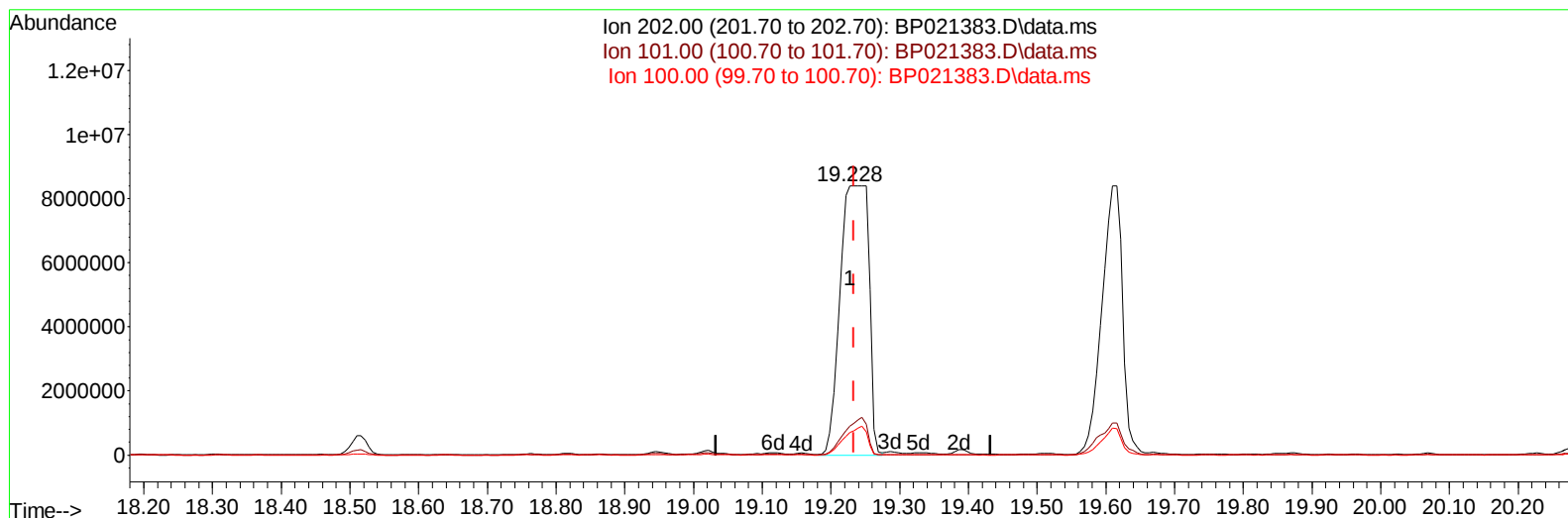
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
 Data File : BP021383.D
 Acq On : 05 Aug 2024 23:16
 Operator : CG/JU
 Sample : P3329-17
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BP021383.D\data.ms

(80) Fluoranthene

19.228min (-0.005) 353.57 ng/ul m

response 24383037

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	10.00	10.85
100.00	7.60	8.30
0.00	0.00	0.00

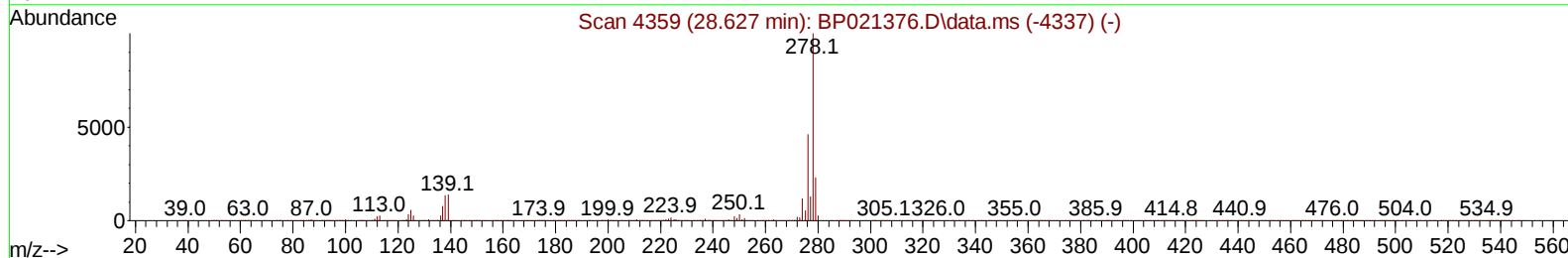
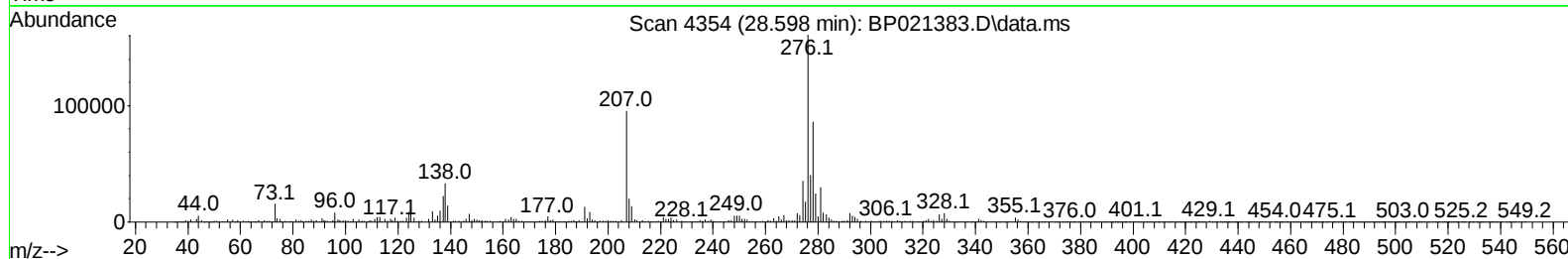
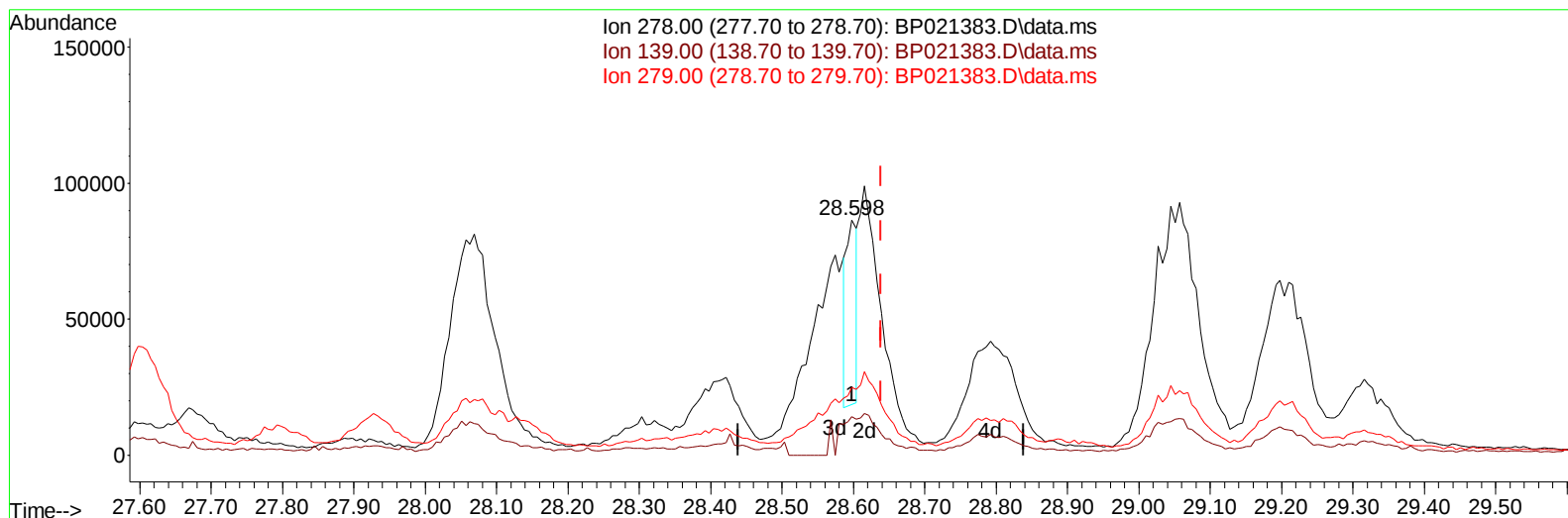
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TIC: BP021383.D\data.ms

(95) Dibenzo(a,h)anthracene

28.598min (-0.041) 0.95 ng/u1

response 67960

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.60	16.29
279.00	24.20	28.71
0.00	0.00	0.00

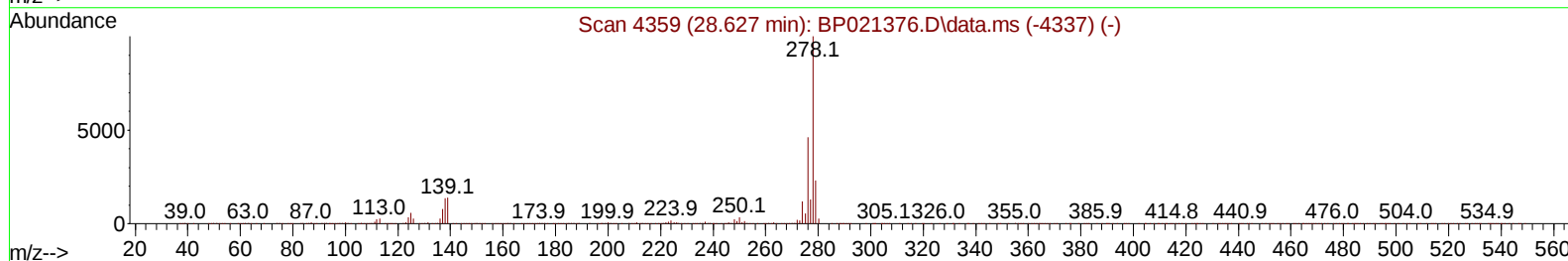
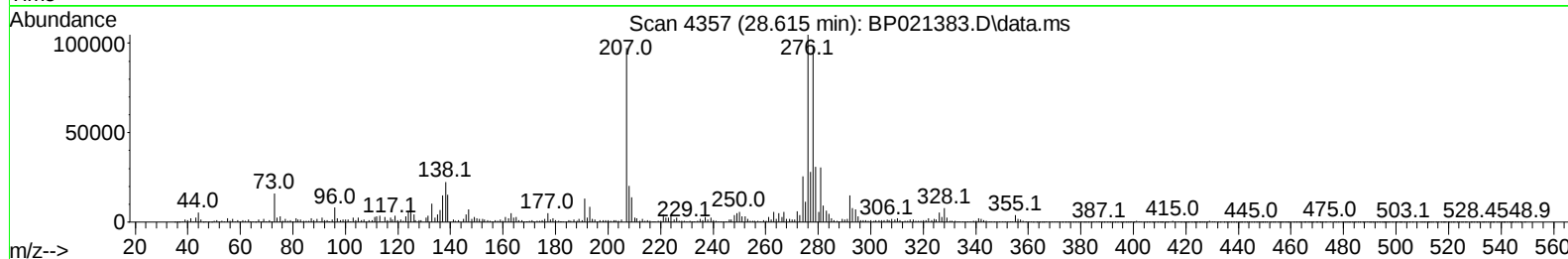
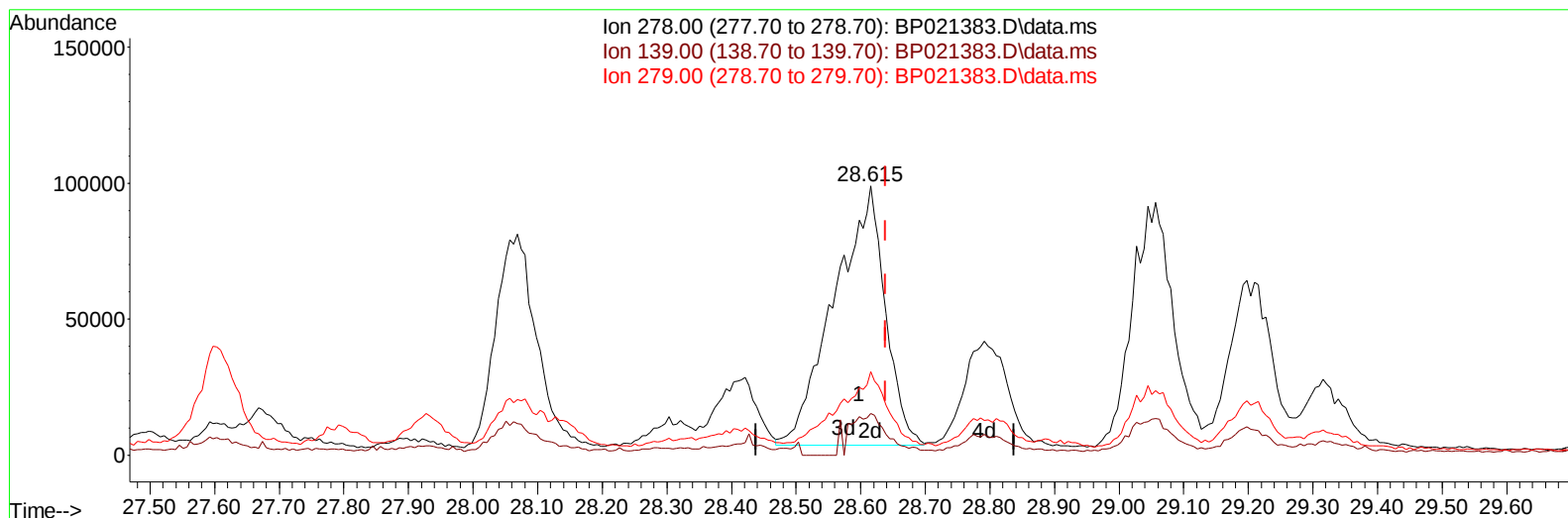
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
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Acq On : 05 Aug 2024 23:16
Operator : CG/JU
Sample : P3329-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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TIC: BP021383.D\data.ms

(95) Dibenzo(a,h)anthracene

28.615min (-0.023) 7.23 ng/u1 m

response 518384

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.60	15.50
279.00	24.20	31.09#
0.00	0.00	0.00

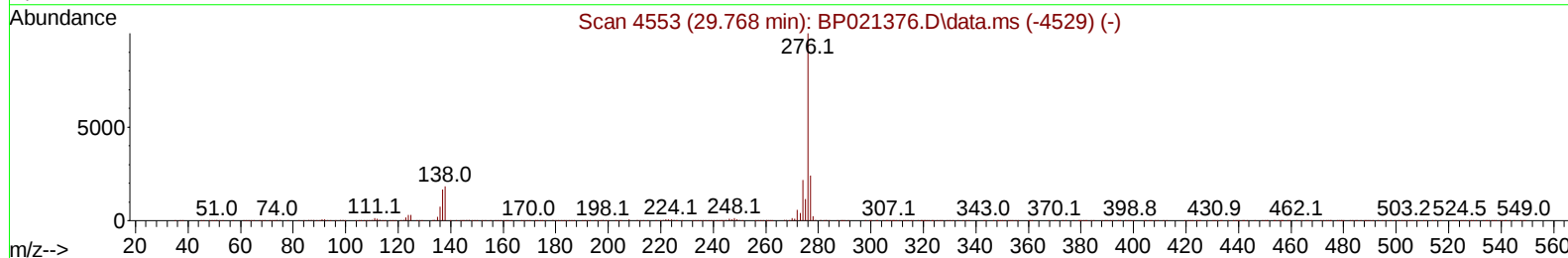
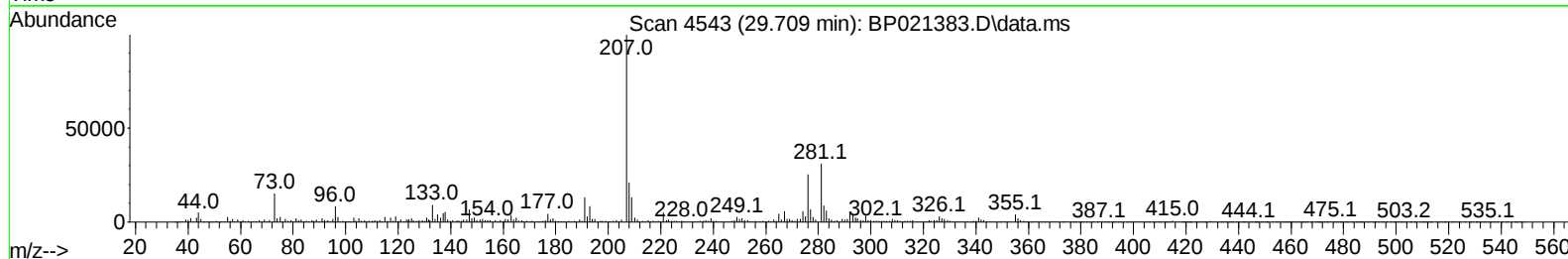
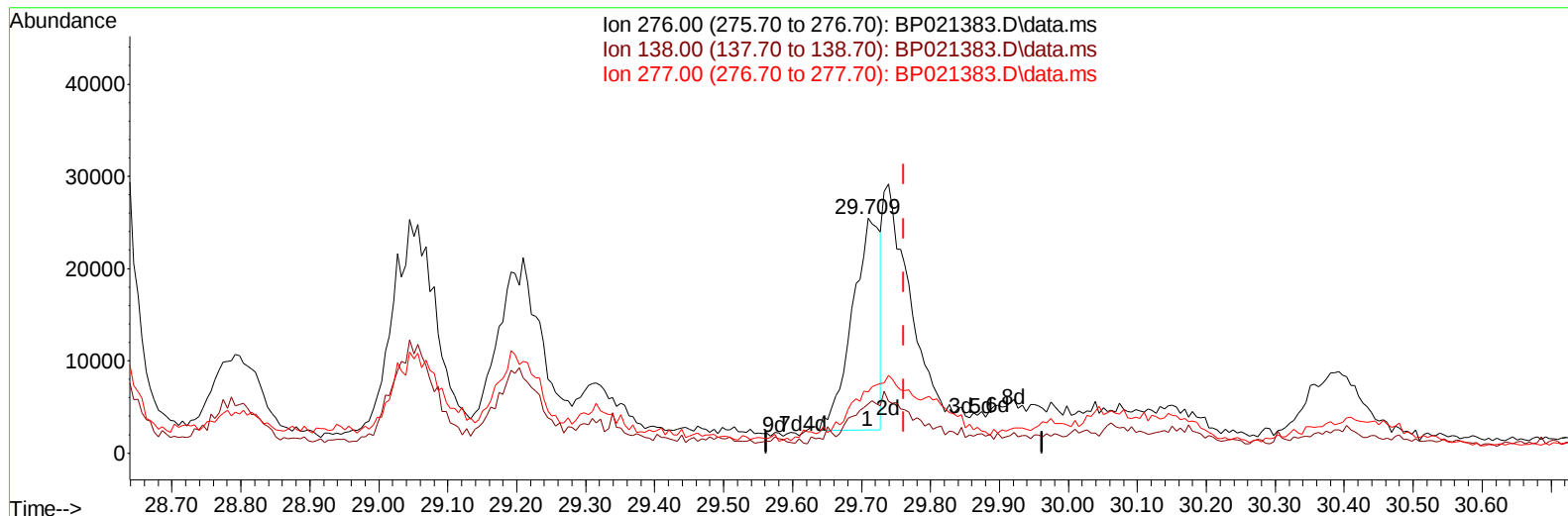
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
Data File : BP021383.D
Acq On : 05 Aug 2024 23:16
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Sample : P3329-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7E25

Manual IntegrationsAPPROVED

Quant Time: Aug 06 01:10:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
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TIC: BP021383.D\data.ms

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

29.709min (-0.052) 0.91 ng/u1

response 64177

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.10	20.97
277.00	22.70	26.05
0.00	0.00	0.00

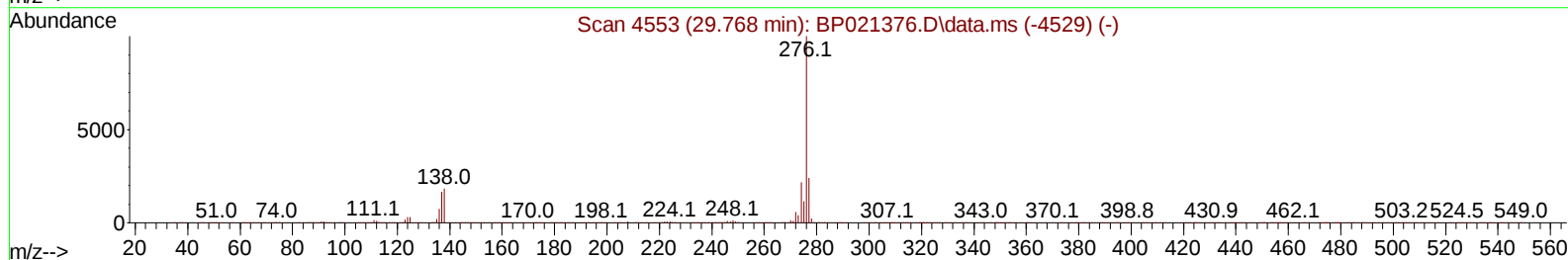
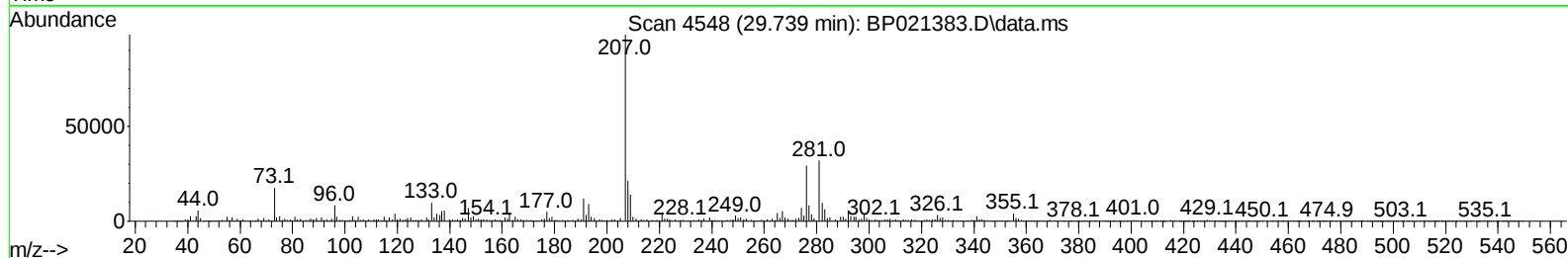
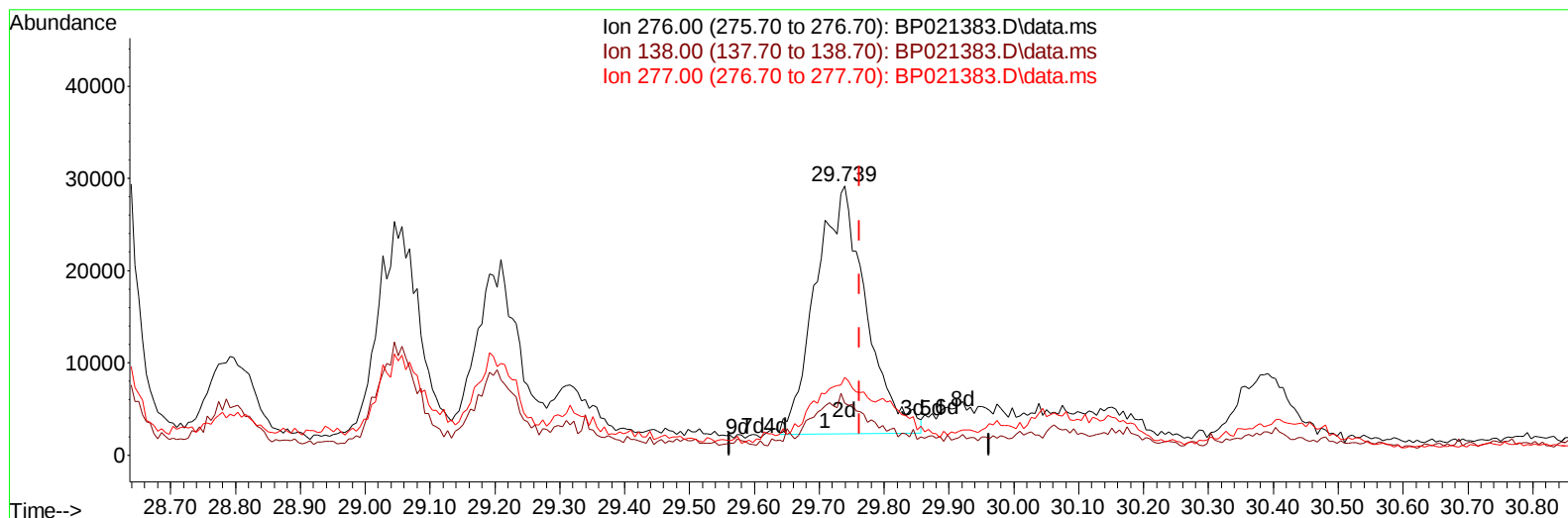
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
Data File : BP021383.D
Acq On : 05 Aug 2024 23:16
Operator : CG/JU
Sample : P3329-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7E25

Manual IntegrationsAPPROVED

Quant Time: Aug 06 01:10:47 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: BP021383.D\data.ms

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

29.739min (-0.023) 2.05 ng/u1 m

response 144203

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.10	19.29
277.00	22.70	28.96#
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	7.611	152	164094	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.375	136	678333	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.257	164	481498	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.092	188	954577	20.000	ng/ul	0.00
79) Chrysene-d12	21.533	240	923661	20.000	ng/ul	0.00
88) Perylene-d12	24.821	264	1171001	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	6410	1.778	ng/uL	-0.02
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.846	99	152187	11.376	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.964	67	90407	11.151	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.169	132	133801	12.139	ng/ul	-0.01
15) 4-Methylphenol-d8	8.358	113	139290	12.536	ng/ul	0.00
21) Nitrobenzene-d5	8.781	128	77246	14.661	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.493	143	80768	13.394	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.052	165	144254	13.229	ng/ul	0.00
31) 4-Chloroaniline-d4	10.557	131	236850	16.396	ng/ul	0.00
46) Dimethylphthalate-d6	13.675	166	498707	14.248	ng/ul	0.00
49) Acenaphthylene-d8	13.951	160	565282	14.383	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.622	143	87712m	17.612	ng/ul	0.04
60) Fluorene-d10	15.281	176	456519	15.898	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.504	200	9656m	1.672	ng/ul	0.04
73) Anthracene-d10	17.198	188	693304	16.352	ng/ul	0.00
81) Pyrene-d10	19.569	212	707270	12.386	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.586	264	619368	10.724	ng/ul	-0.01
Target Compounds						
					Qvalue	
16) Acetophenone	8.452	105	27859	1.625	ng/ul#	96
30) Naphthalene	10.434	128	31124288m	872.298	ng/ul	
36) 2-Methylnaphthalene	12.057	142	11568164	472.312	ng/ul	99
37) 1-Methylnaphthalene	12.269	142	5898618	234.163	ng/ul	99
43) 1,1'-Biphenyl	13.075	154	3490171	99.185	ng/ul	100
50) Acenaphthylene	13.981	152	772761	17.366	ng/ul#	92
52) Acenaphthene	14.334	153	10805648	365.854	ng/ul	98
56) Dibenzofuran	14.681	168	12228984	302.356	ng/ul	99
61) Fluorene	15.357	166	12351189	374.223	ng/ul	100
72) Phenanthrene	17.140	178	30424316m	614.389	ng/ul	
74) Anthracene	17.234	178	7965634	157.787	ng/ul	99
77) Carbazole	17.534	167	3935874	95.372	ng/ul	98
80) Fluoranthene	19.228	202	24383037m	353.571	ng/ul	
82) Pyrene	19.610	202	17631059	251.243	ng/ul	99
85) Benzo(a)anthracene	21.516	228	9506352	146.923	ng/ul	96
87) Chrysene	21.580	228	7225222	120.174	ng/ul	96
90) Benzo(b)fluoranthene	23.792	252	7064371	99.411	ng/ul	97
91) Benzo(k)fluoranthene	23.845	252	2419298	34.114	ng/ul	98
93) Benzo(a)pyrene	24.663	252	2397238	35.699	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.568	276	1221196	14.113	ng/ul	97
95) Dibenzo(a,h)anthracene	28.615	278	518384m	7.234	ng/ul	
96) Benzo(g,h,i)perylene	29.739	276	144203m	2.046	ng/ul	

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

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

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