

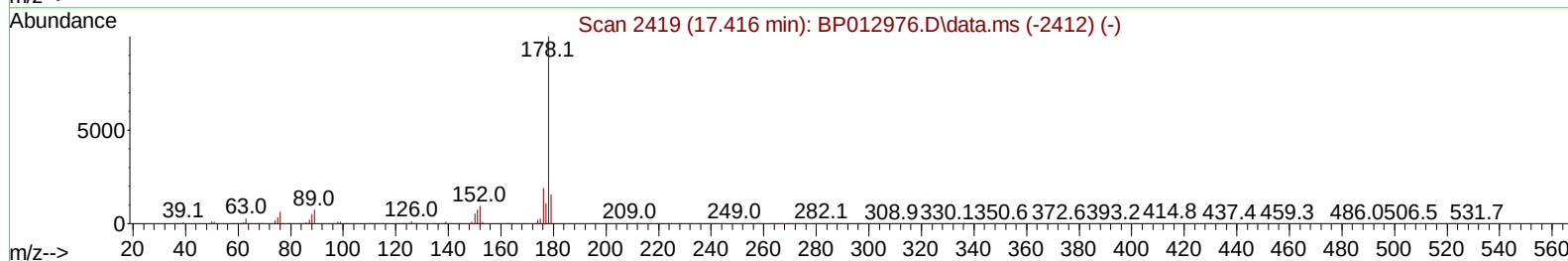
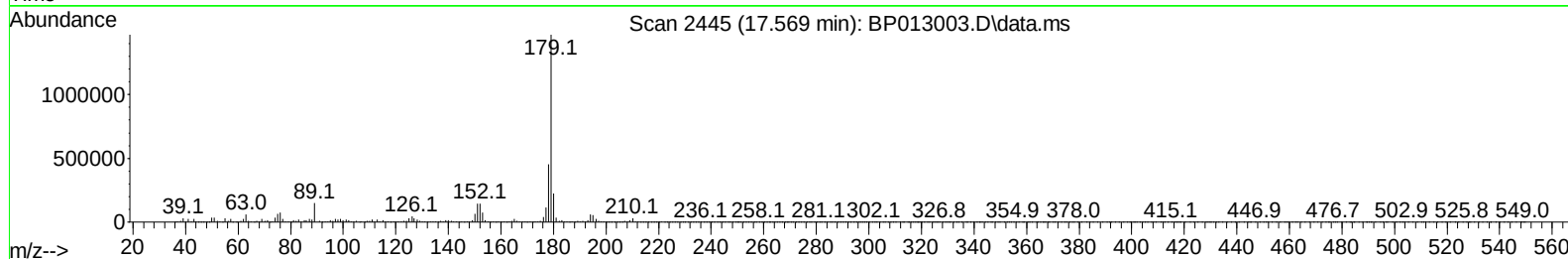
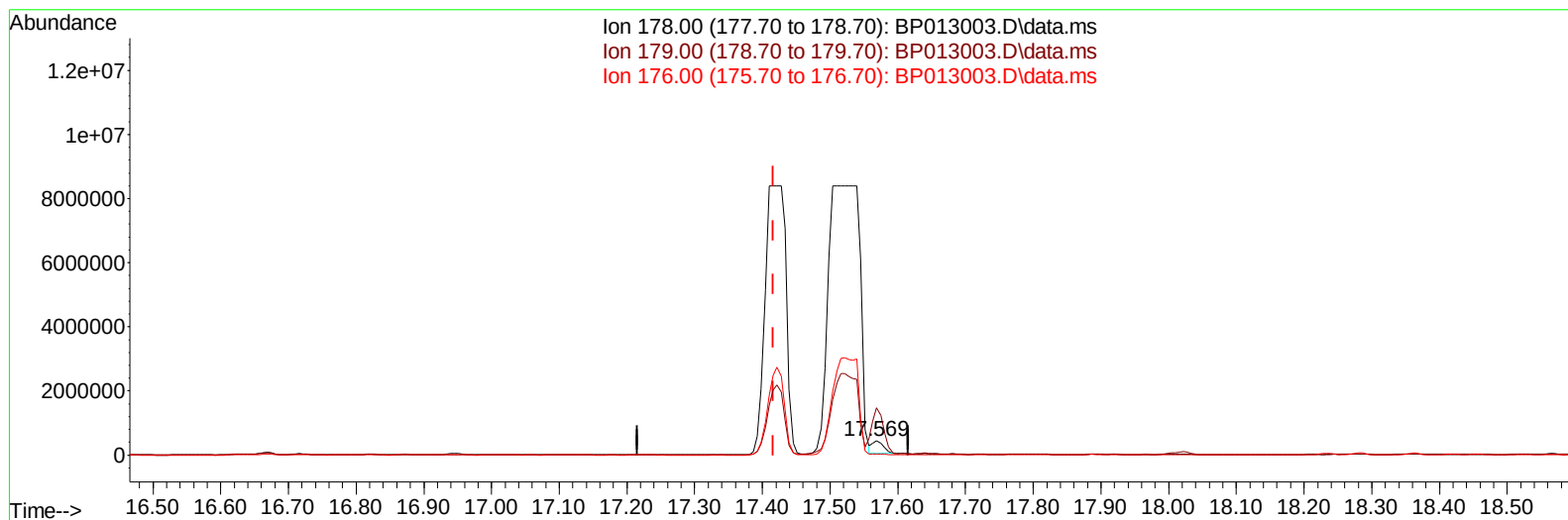
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
 Data File : BP013003.D
 Acq On : 09 Dec 2022 02:13
 Operator : CG/JU
 Sample : N5832-09DL 10X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBXK6DL

Manual IntegrationsAPPROVED

Quant Time: Dec 09 04:08:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 08 00:35:07 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/09/2022
 Supervised By :mohammad ahmed 12/10/2022



TIC: BP013003.D\data.ms

(72) Phenanthrene

17.569min (+ 0.153) 1.59 ng/u1

response 438168

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	325.74#
176.00	19.20	8.81#
0.00	0.00	0.00

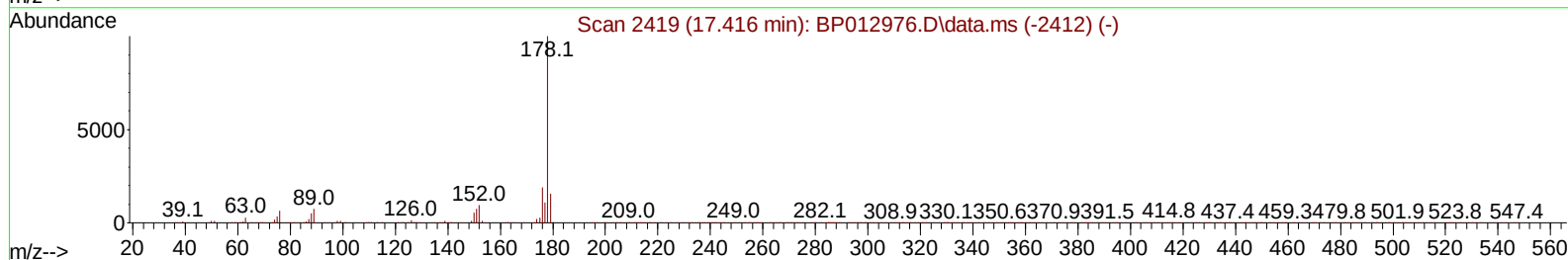
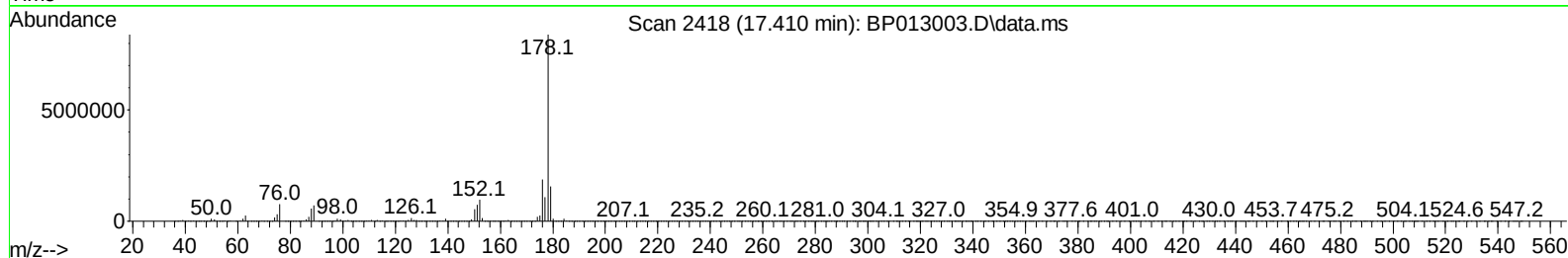
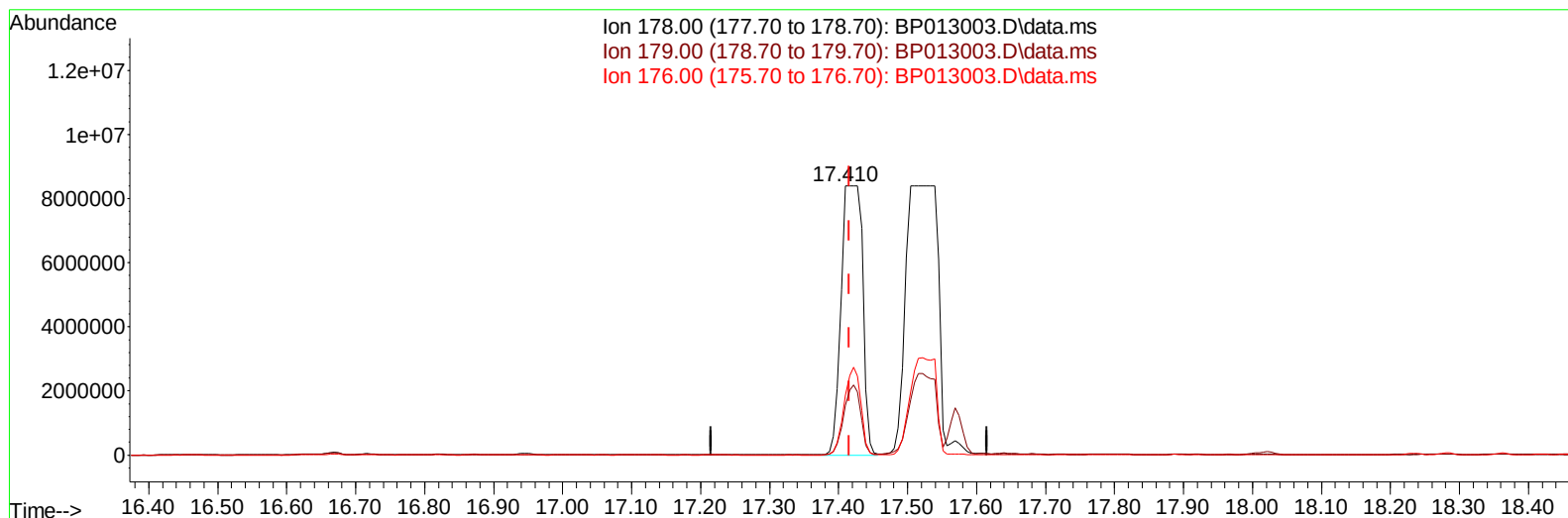
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TIC: BP013003.D\data.ms

(72) Phenanthrene

17.410min (-0.006) 65.21 ng/ul m

response 18024810

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	18.58
176.00	19.20	22.25
0.00	0.00	0.00

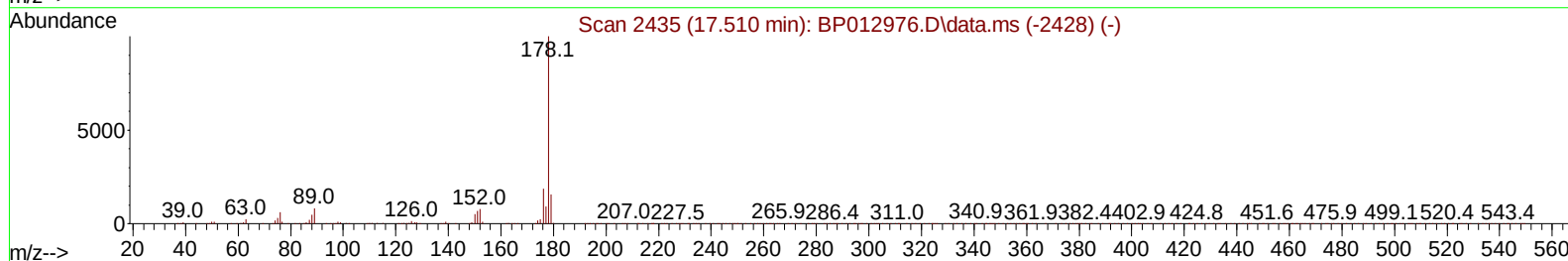
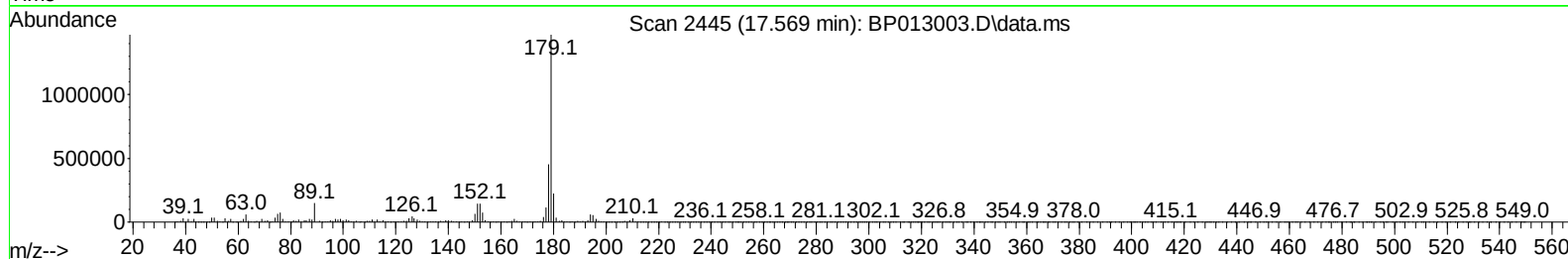
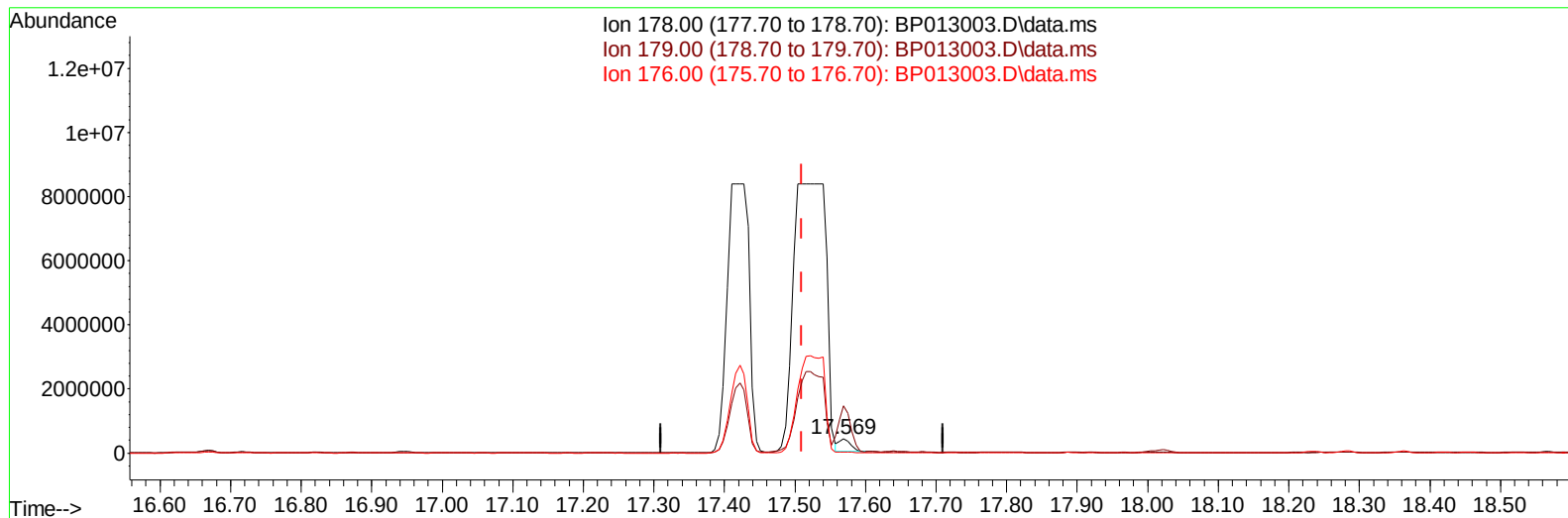
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
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TIC: BP013003.D\data.ms

(74) Anthracene

17.569min (+ 0.059) 1.70 ng/u1

response 470040

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	325.74#
176.00	18.50	8.81#
0.00	0.00	0.00

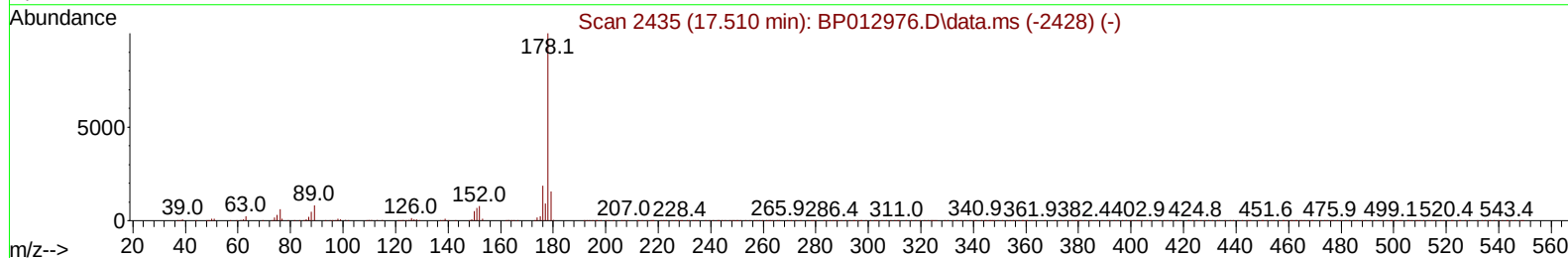
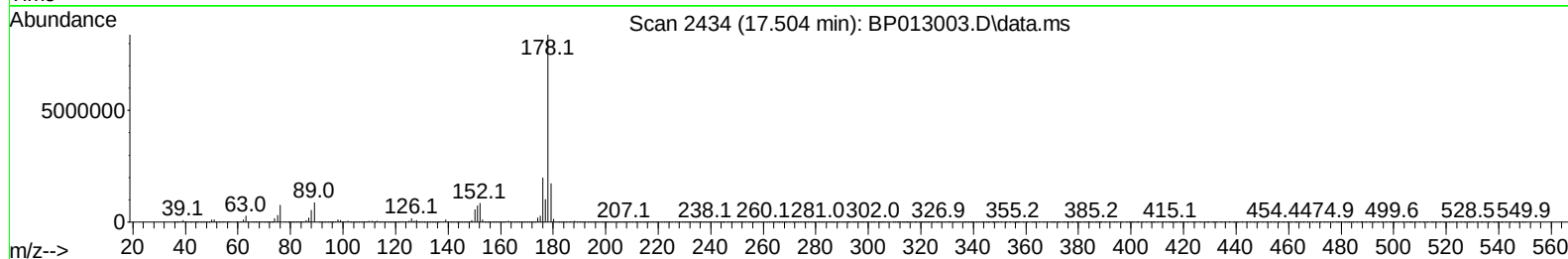
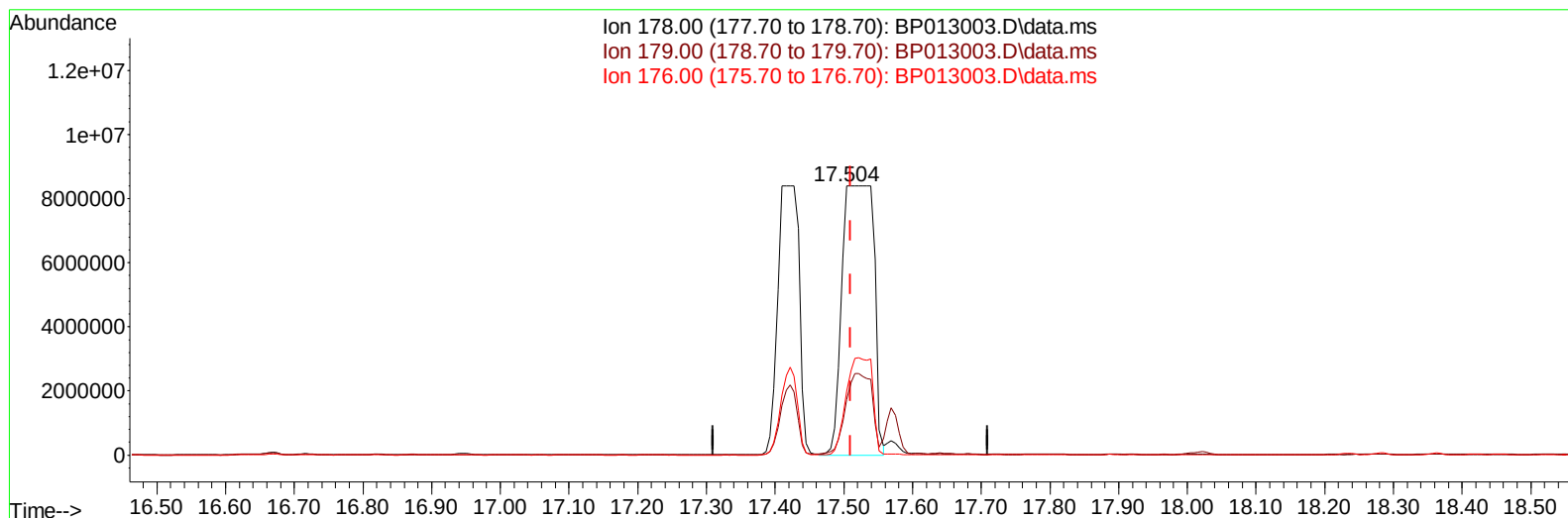
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
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Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 12/10/2022



TIC: BP013003.D\data.ms

(74) Anthracene

17.504min (-0.006) 97.04 ng/ul m

response 26781106

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	20.55#
176.00	18.50	23.77#
0.00	0.00	0.00

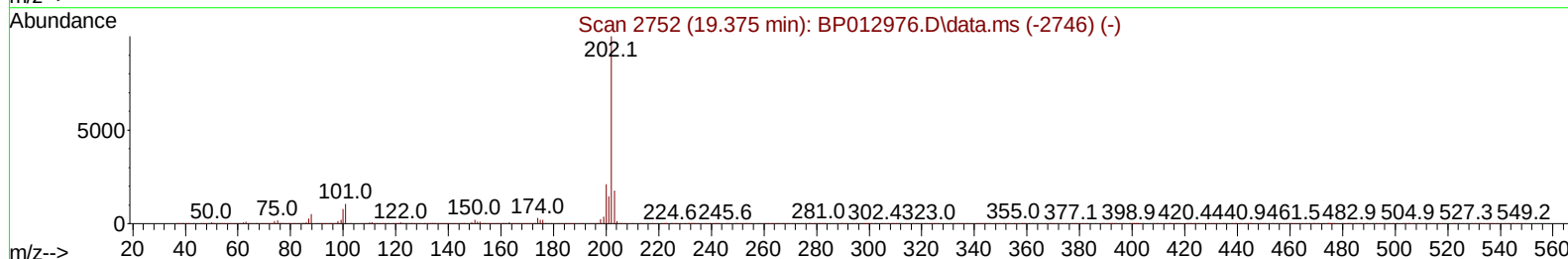
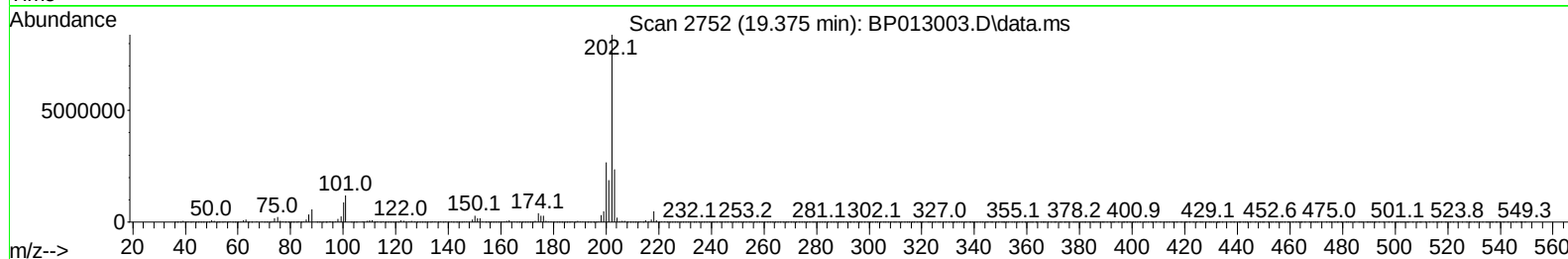
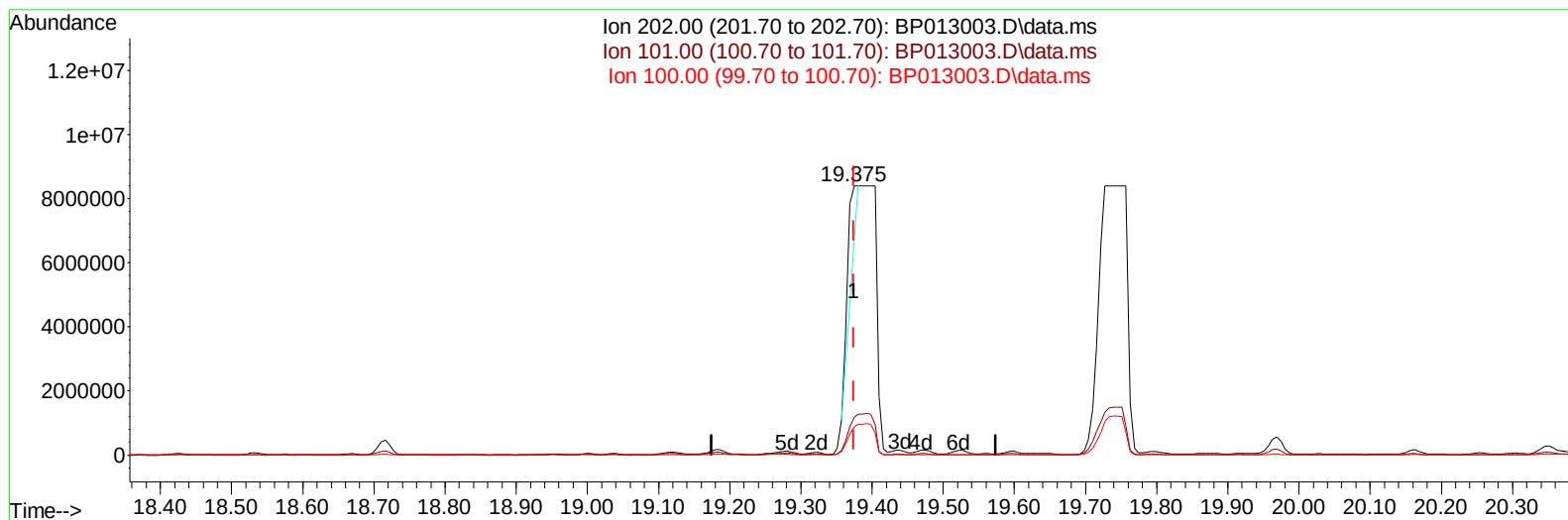
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Instrument :
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TIC: BP013003.D\data.ms

(80) Fluoranthene

19.375min (+ 0.000) 13.17 ng/ul

response 3653011

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	10.20	14.14#
100.00	7.60	10.64#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
 Data File : BP013003.D
 Acq On : 09 Dec 2022 02:13
 Operator : CG/JU
 Sample : N5832-09DL 10X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :

BNA_P

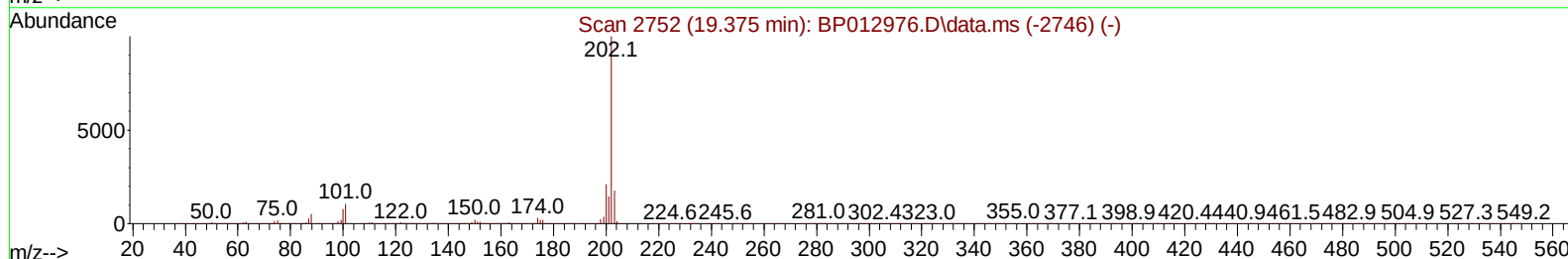
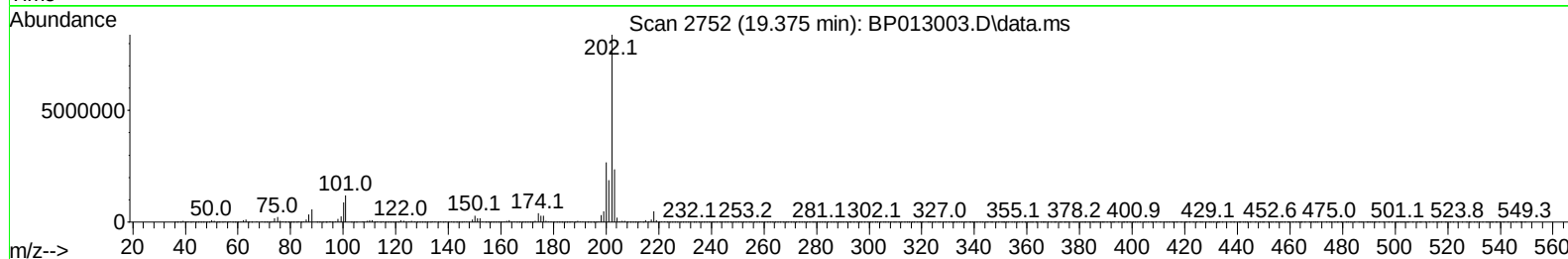
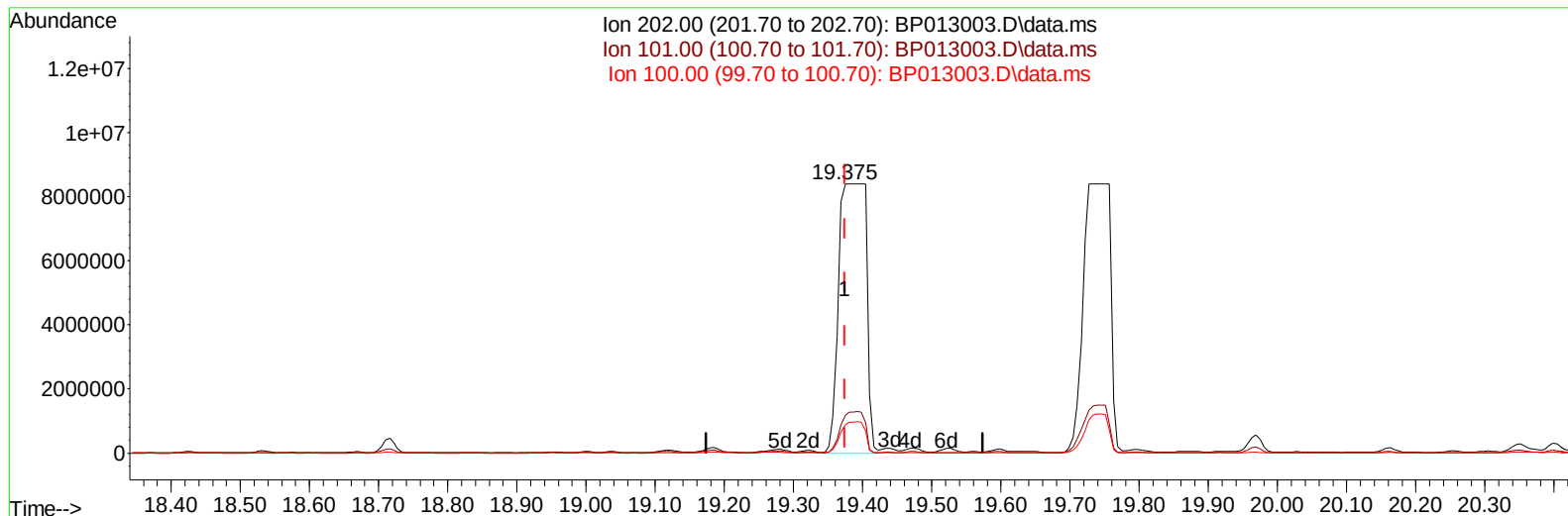
ClientSampleId :

DBXK6DL

Manual IntegrationsAPPROVED

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TIC: BP013003.D\data.ms

(80) Fluoranthene

19.375min (+ 0.000) 83.08 ng/ul m

response 23036037

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	10.20	14.14#
100.00	7.60	10.64#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
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 Acq On : 09 Dec 2022 02:13
 Operator : CG/JU
 Sample : N5832-09DL 10X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :

BNA_P

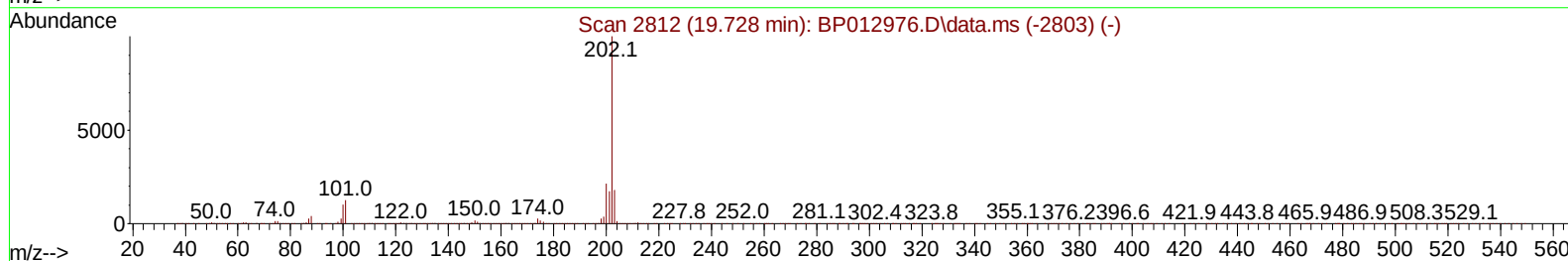
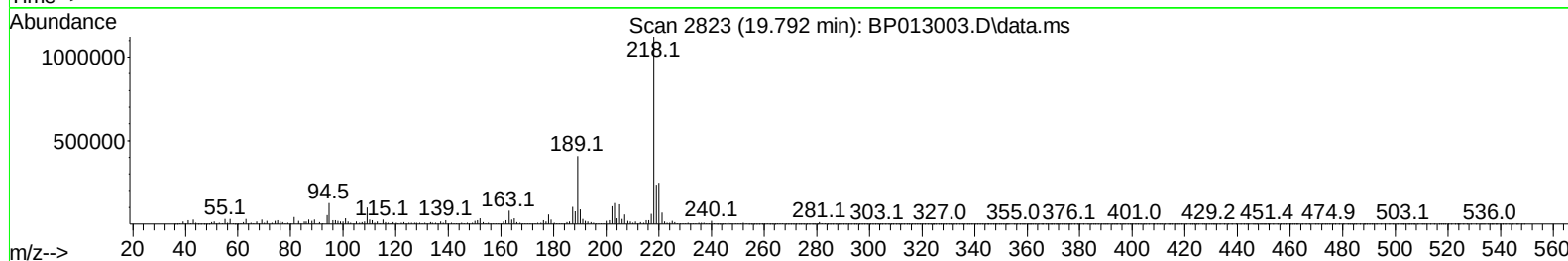
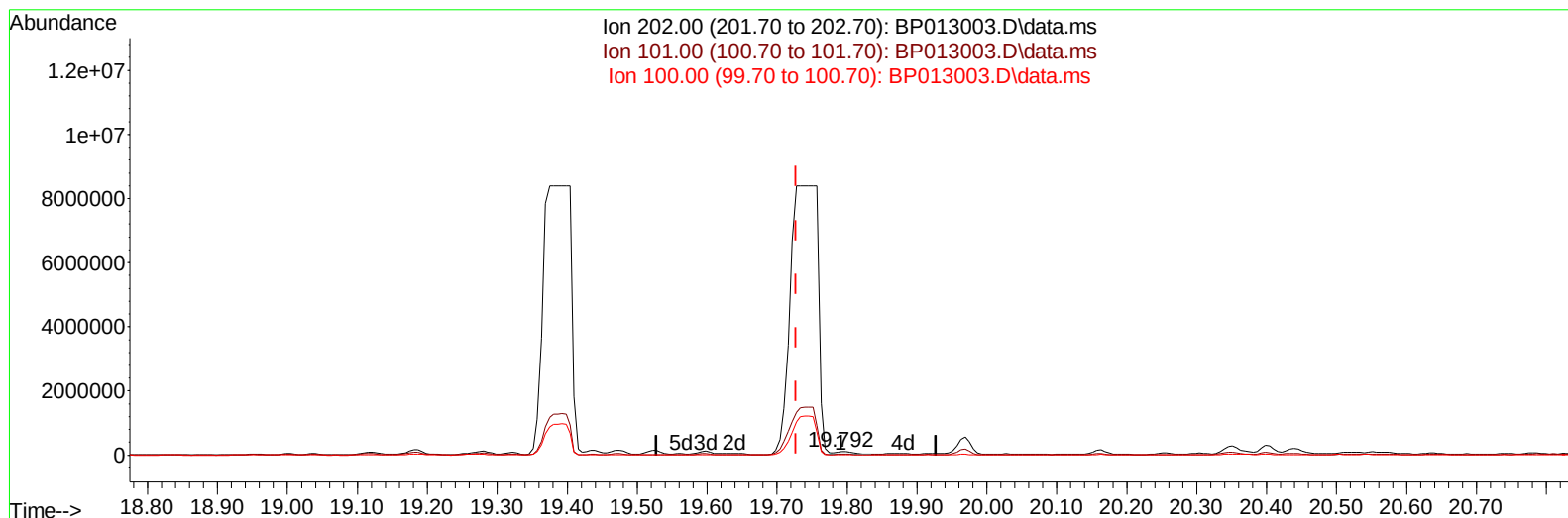
ClientSampleId :

DBXK6DL

Manual IntegrationsAPPROVED

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TIC: BP013003.D\data.ms

(82) Pyrene

19.792min (+ 0.065) 0.49 ng/u1

response 141079

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.80	32.26#
100.00	9.80	12.69#
0.00	0.00	0.00

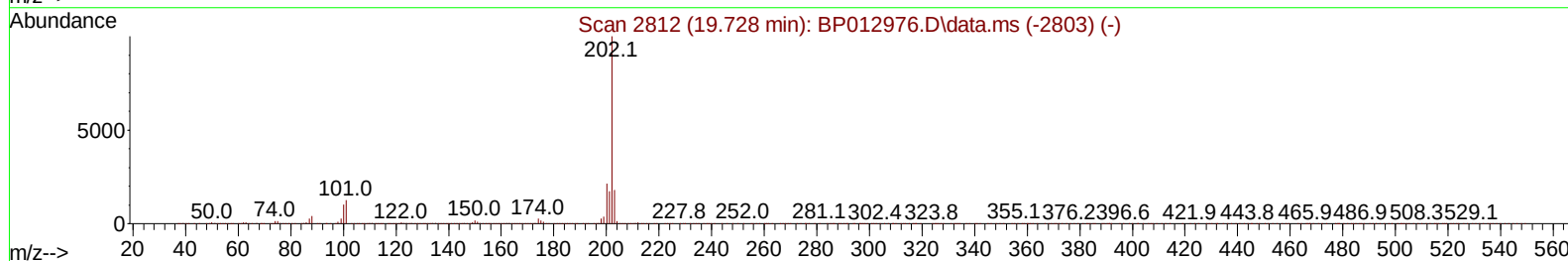
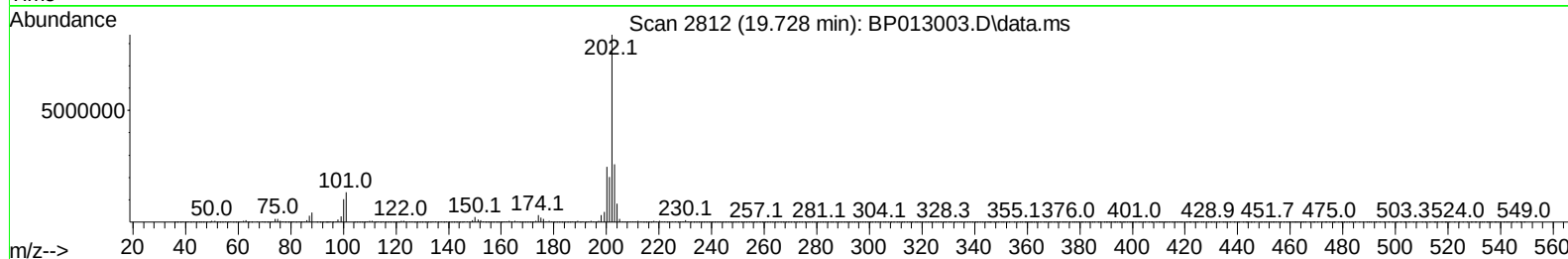
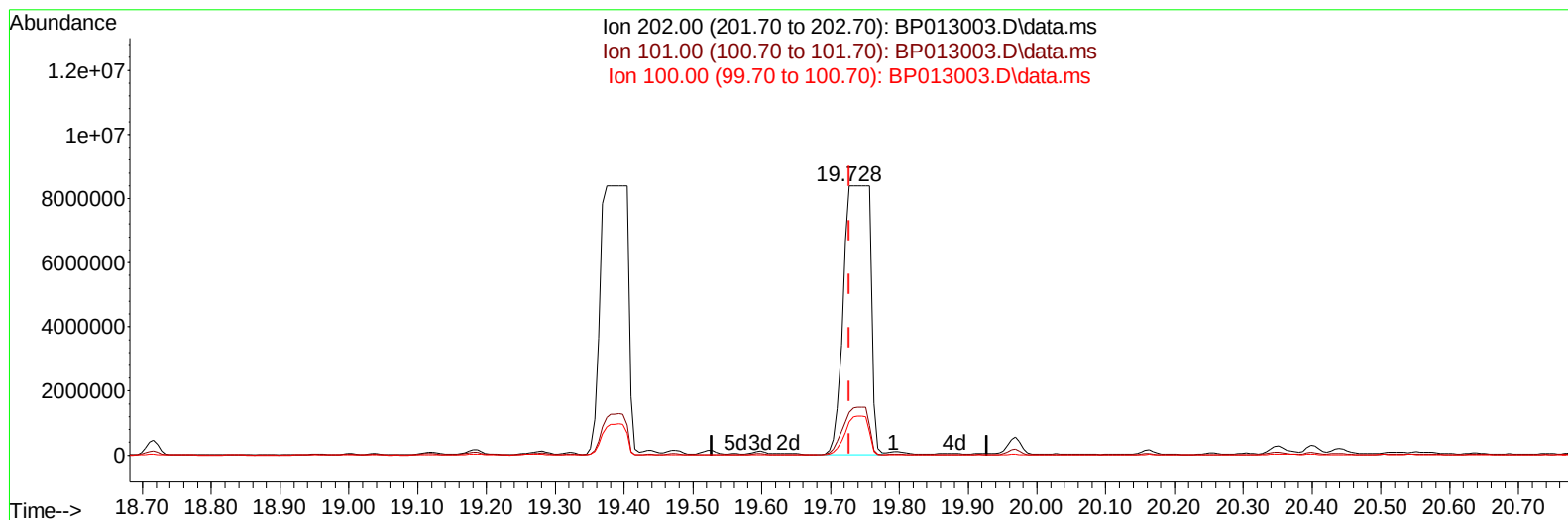
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 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBXK6DL

Manual IntegrationsAPPROVED

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Reviewed By :Jagrut Upadhyay 12/09/2022
 Supervised By :mohammad ahmed 12/10/2022



TIC: BP013003.D\data.ms

(82) Pyrene

19.728min (+ 0.000) 79.44 ng/ul m

response 22721352

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.80	16.04#
100.00	9.80	12.33#
0.00	0.00	0.00

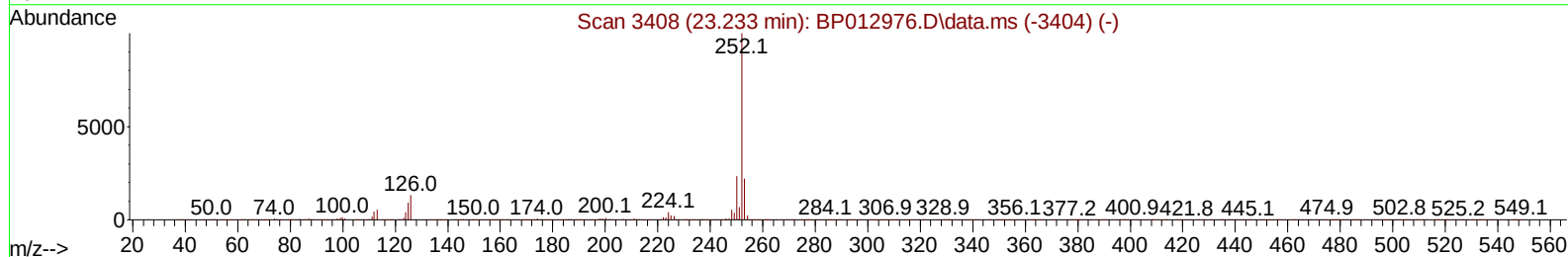
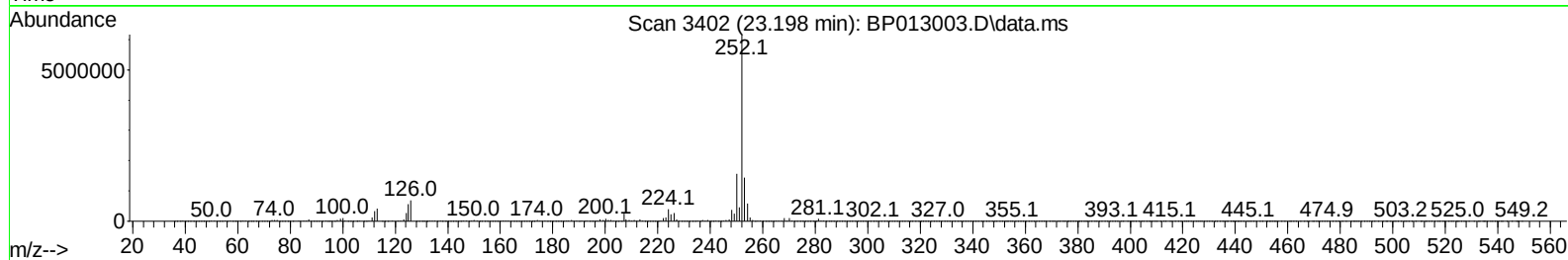
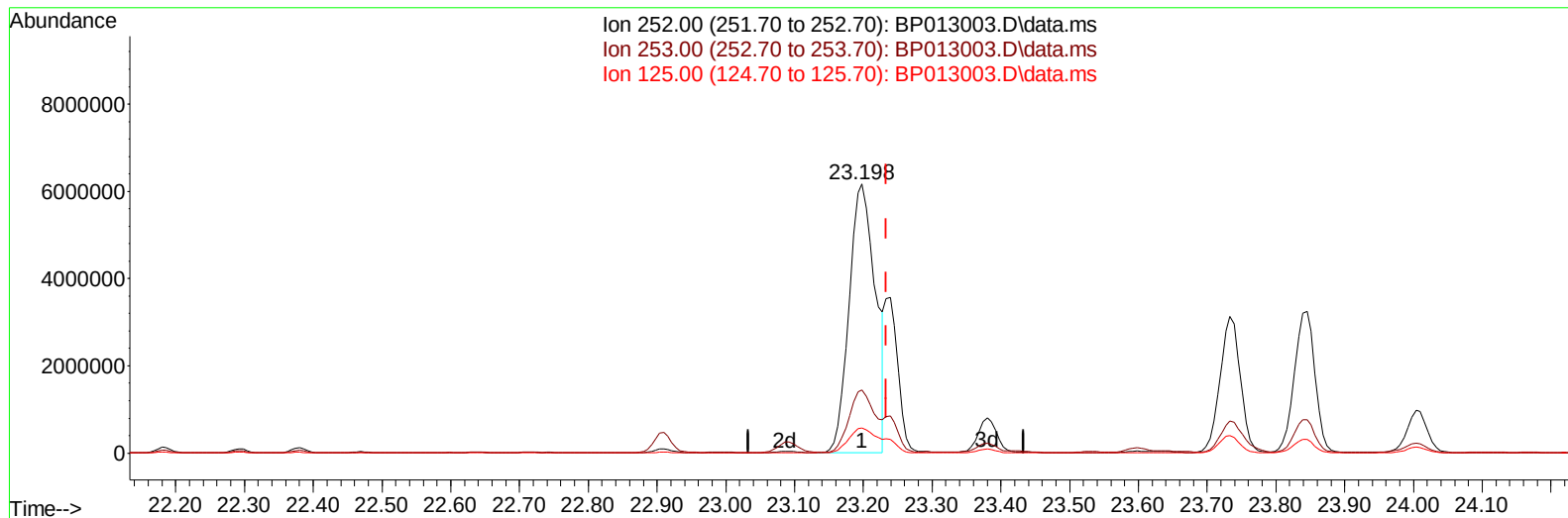
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TIC: BP013003.D\data.ms

(91) Benzo(k)fluoranthene

23.198min (-0.035) 58.53 ng/u1

response 16324863

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	23.44
125.00	8.50	9.24
0.00	0.00	0.00

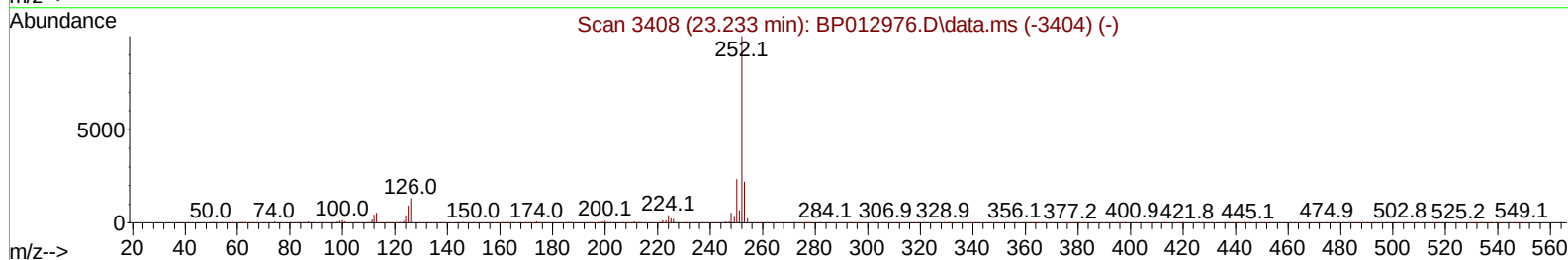
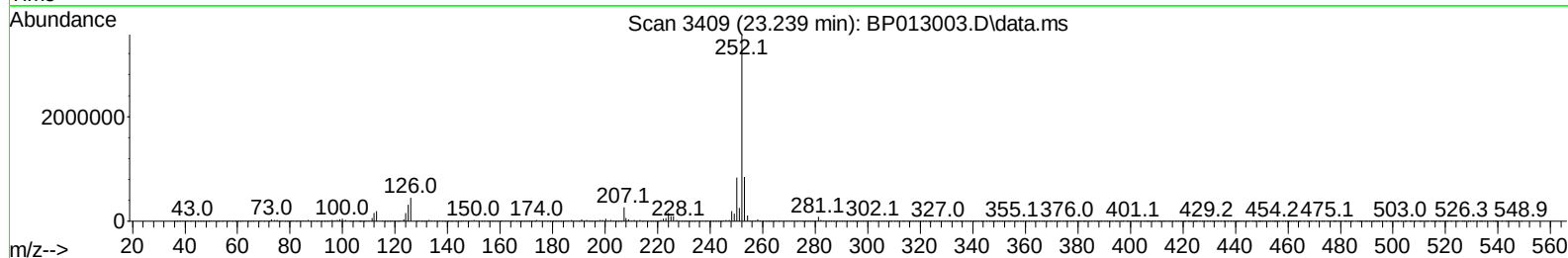
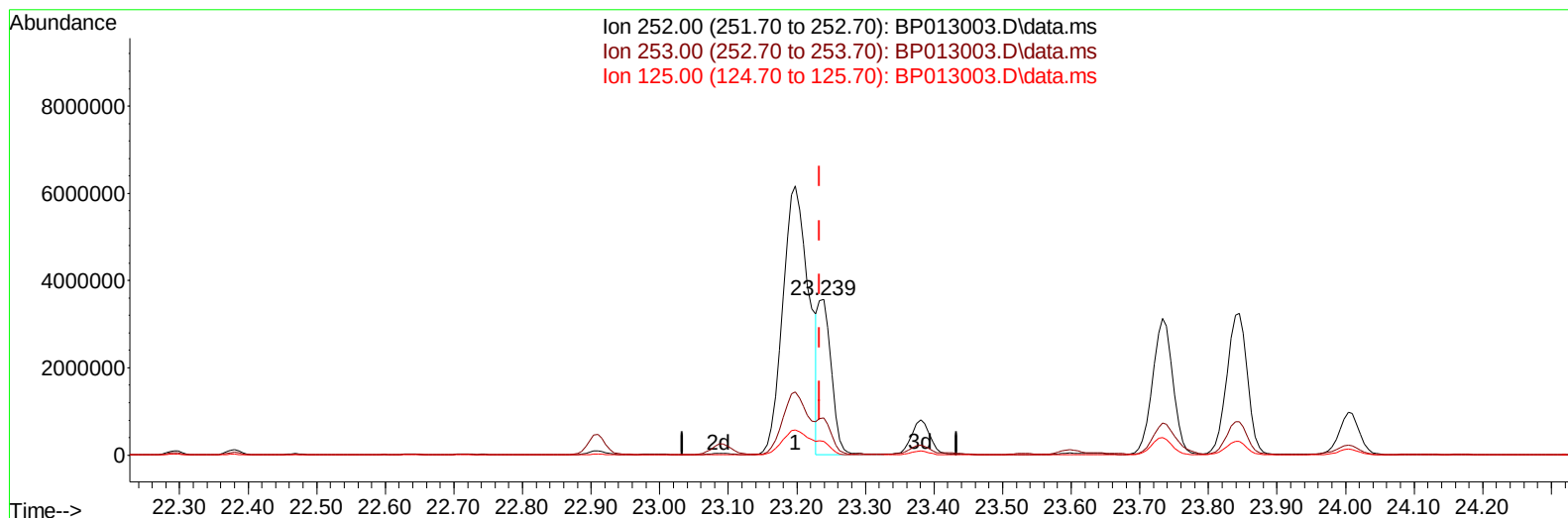
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TIC: BP013003.D\data.ms

(91) Benzo(k)fluoranthene

23.239min (+ 0.006) 16.87 ng/ul m

response 4705657

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	23.78
125.00	8.50	8.89
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	7.975	152	859522	20.000	ng/ul	0.00
20) Naphthalene-d8	10.787	136	3745878	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.616	164	2478913	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.375	188	5306673	20.000	ng/ul	0.00
79) Chrysene-d12	21.463	240	4256237	20.000	ng/ul	0.00
88) Perylene-d12	23.951	264	4410929	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	4861	0.242	ng/uL	0.00
4) Pyridine-d5	3.799	84	40775	0.714	ng/ul	0.01
7) Phenol-d5	7.128	99	133703	1.910	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	85676	2.029	ng/ul	0.00
11) 2-Chlorophenol-d4	7.499	132	107577	1.952	ng/ul	-0.01
15) 4-Methylphenol-d8	8.681	113	110733	1.930	ng/ul	0.00
21) Nitrobenzene-d5	9.140	128	46577	1.692	ng/ul	0.00
24) 2-Nitrophenol-d4	9.869	143	50237	1.621	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.405	165	116459	1.935	ng/ul	0.00
31) 4-Chloroaniline-d4	10.928	131	73365	0.863	ng/ul	0.00
46) Dimethylphthalate-d6	14.016	166	418850	2.199	ng/ul	0.00
49) Acenaphthylene-d8	14.304	160	438977	2.097	ng/ul	0.00
54) 4-Nitrophenol-d4	14.804	143	32285	0.942	ng/ul	0.00
60) Fluorene-d10	15.604	176	386727	2.399	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.722	200	34220	1.002	ng/ul	0.00
73) Anthracene-d10	17.481	188	589960	2.464	ng/ul	0.00
81) Pyrene-d10	19.704	212	661567	2.708	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.786	264	516707	2.350	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.840	128	522568	2.667	ng/ul	99
36) 2-Methylnaphthalene	12.440	142	320293	2.383	ng/ul	100
50) Acenaphthylene	14.334	152	508943	2.261	ng/ul	98
52) Acenaphthene	14.681	153	2078795	13.329	ng/ul	100
61) Fluorene	15.663	166	4866160	27.363	ng/ul	100
72) Phenanthrene	17.410	178	18024810m	65.212	ng/ul	
74) Anthracene	17.504	178	26781106m	97.037	ng/ul	
80) Fluoranthene	19.375	202	23036037m	83.077	ng/ul	
82) Pyrene	19.728	202	22721352m	79.437	ng/ul	
85) Benzo(a)anthracene	21.445	228	14978374	53.011	ng/ul#	89
87) Chrysene	21.498	228	16835943	63.009	ng/ul#	92
90) Benzo(b)fluoranthene	23.198	252	16324863	58.039	ng/ul	97
91) Benzo(k)fluoranthene	23.239	252	4705657m	16.871	ng/ul	
93) Benzo(a)pyrene	23.845	252	6732494	27.489	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.551	276	3114741	10.210	ng/ul	98
95) Dibenzo(a,h)anthracene	26.557	278	829679	3.285	ng/ul#	84
96) Benzo(g,h,i)perylene	27.351	276	2181395	8.907	ng/ul	99

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

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