

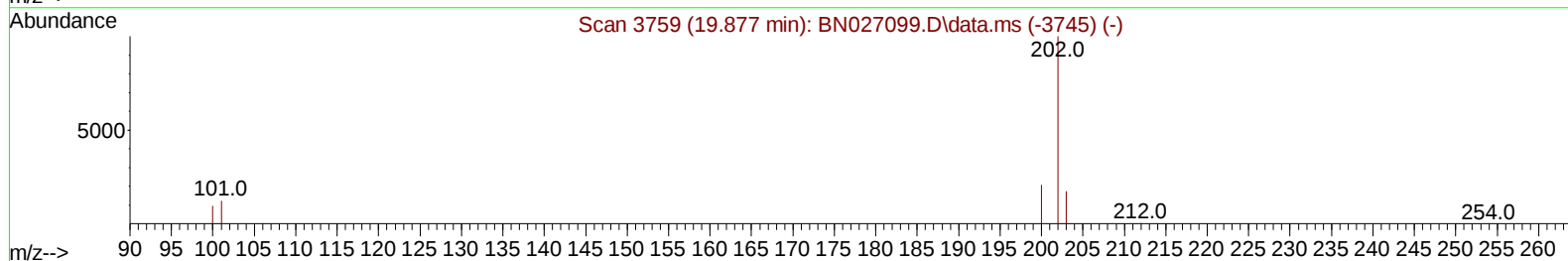
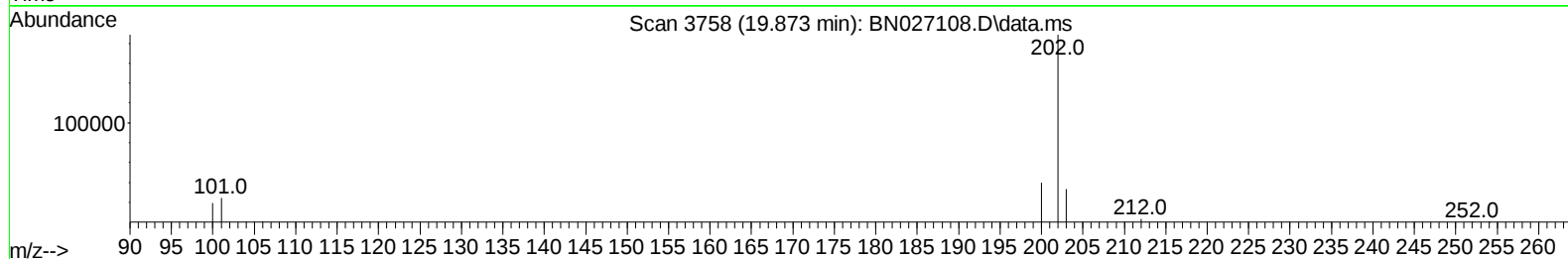
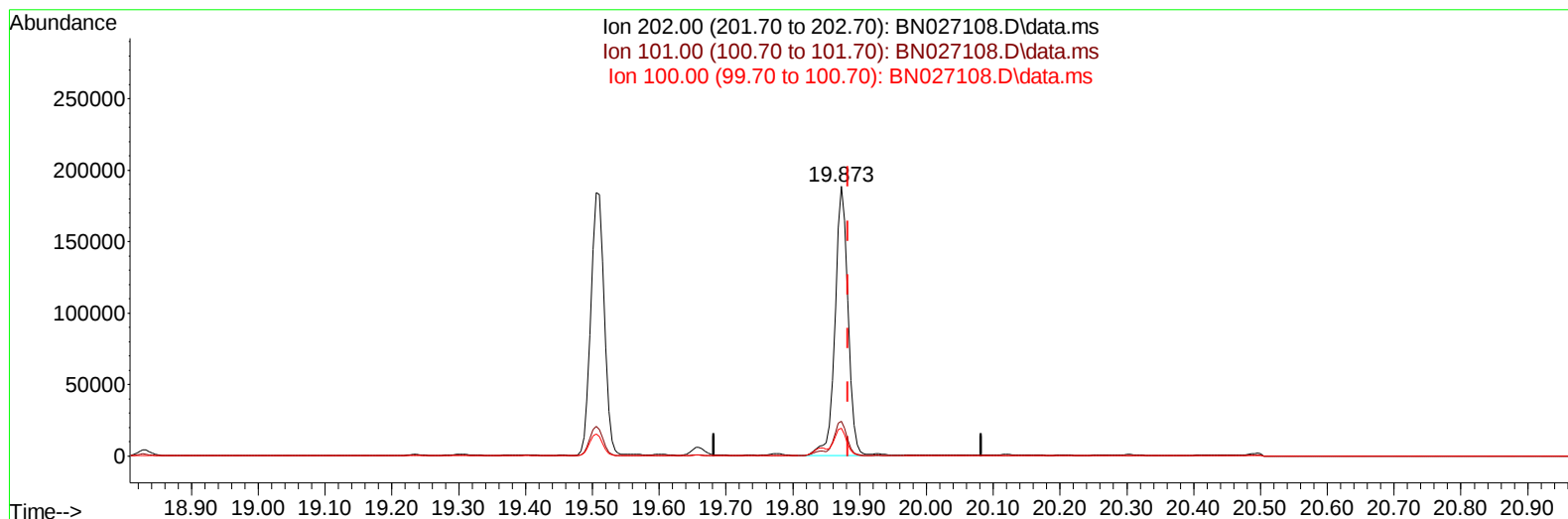
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082423\
 Data File : BN027108.D
 Acq On : 24 Aug 2023 21:42
 Operator : MA/JU
 Sample : 03968-35DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48Q3DL

Manual IntegrationsAPPROVED

Quant Time: Aug 25 03:52:08 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 23 02:28:27 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 08/25/2023
 Supervised By :mohammad ahmed 08/25/2023



TIC: BN027108.D\data.ms

(20) Pyrene

19.873min (-0.009) 2.07 ng/u1

response 257348

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.40	12.90
100.00	10.60	10.21
0.00	0.00	0.00

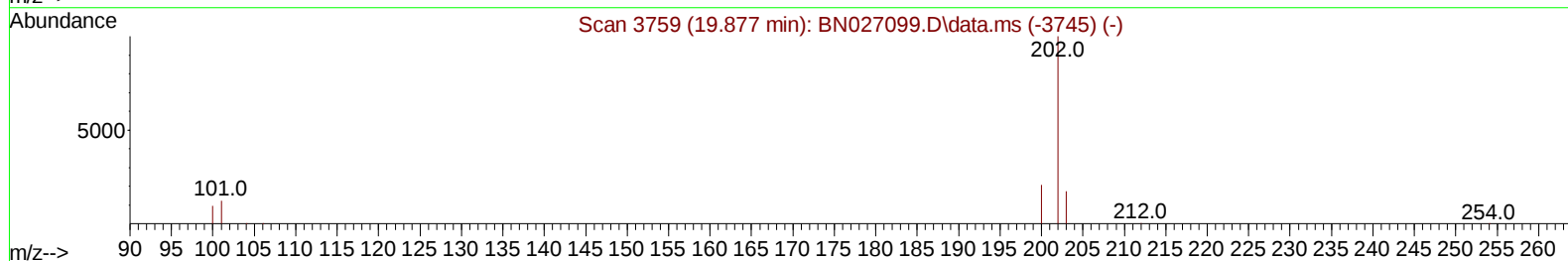
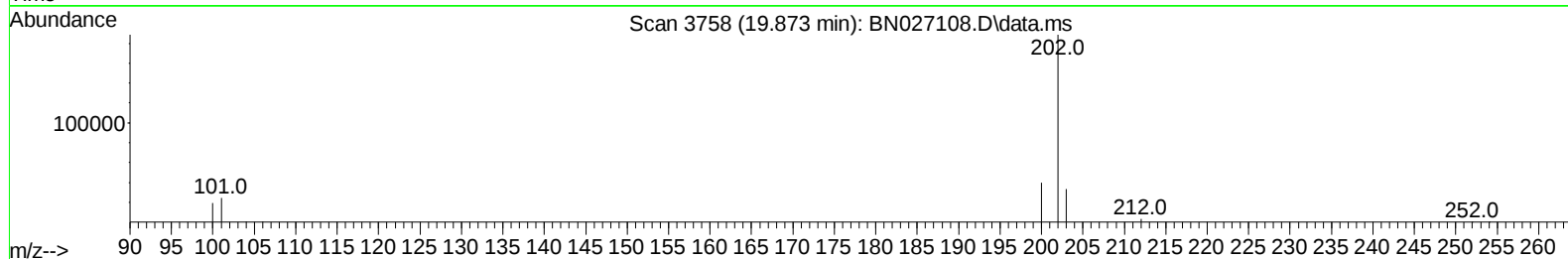
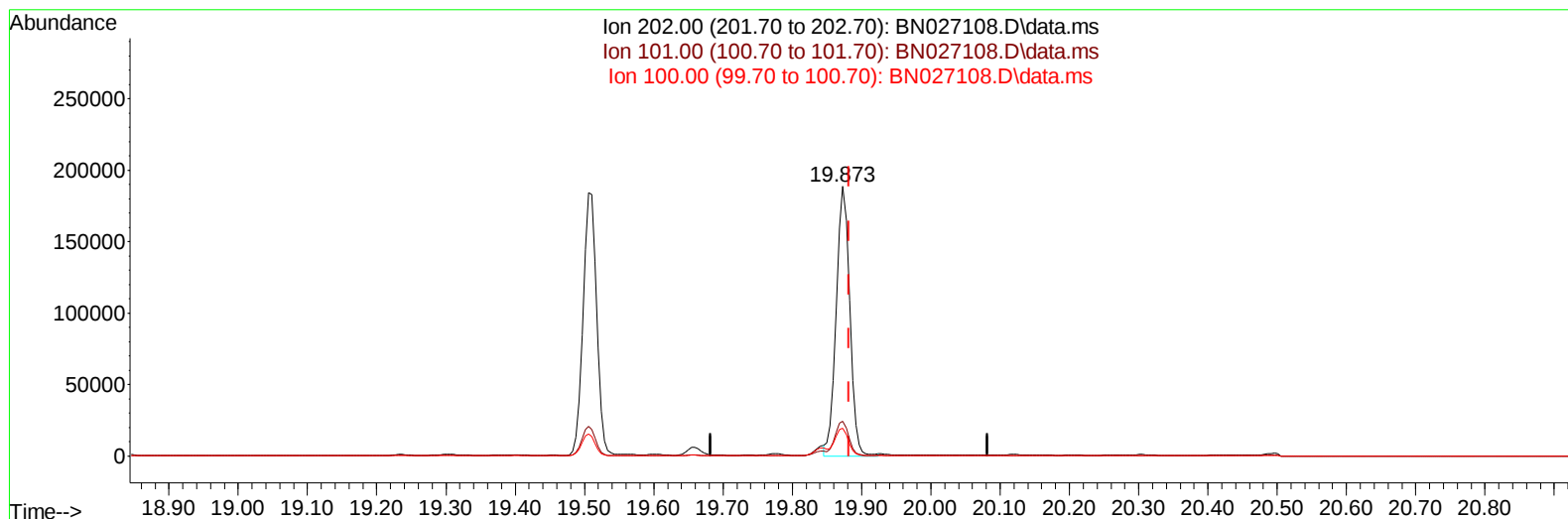
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082423\
 Data File : BN027108.D
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 Operator : MA/JU
 Sample : 03968-35DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48Q3DL

Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 08/25/2023



TIC: BN027108.D\data.ms

(20) Pyrene

19.873min (-0.009) 2.02 ng/ul m

response 251499

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.40	12.90
100.00	10.60	10.21
0.00	0.00	0.00

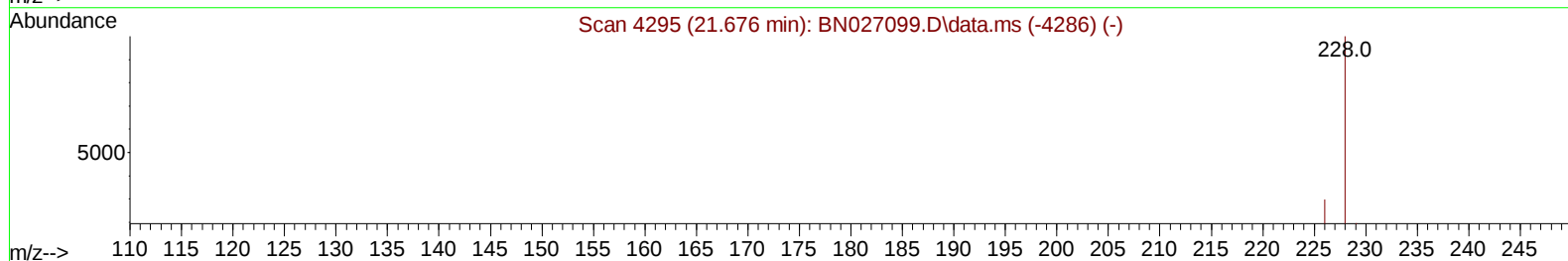
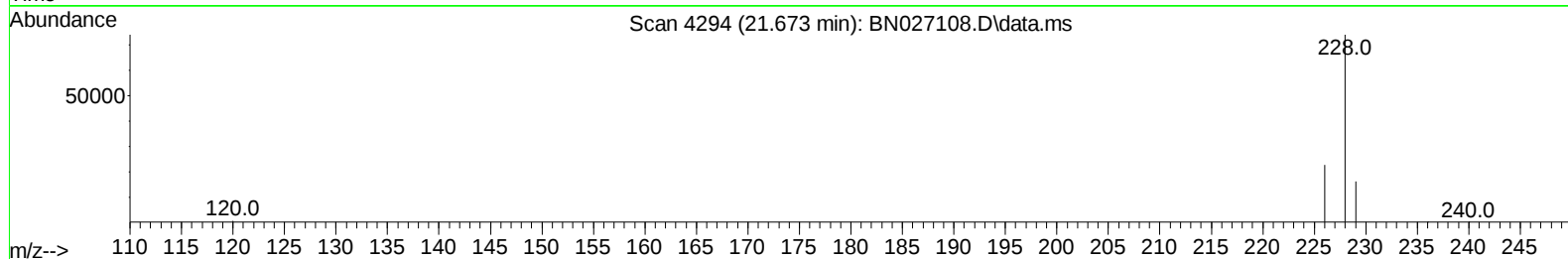
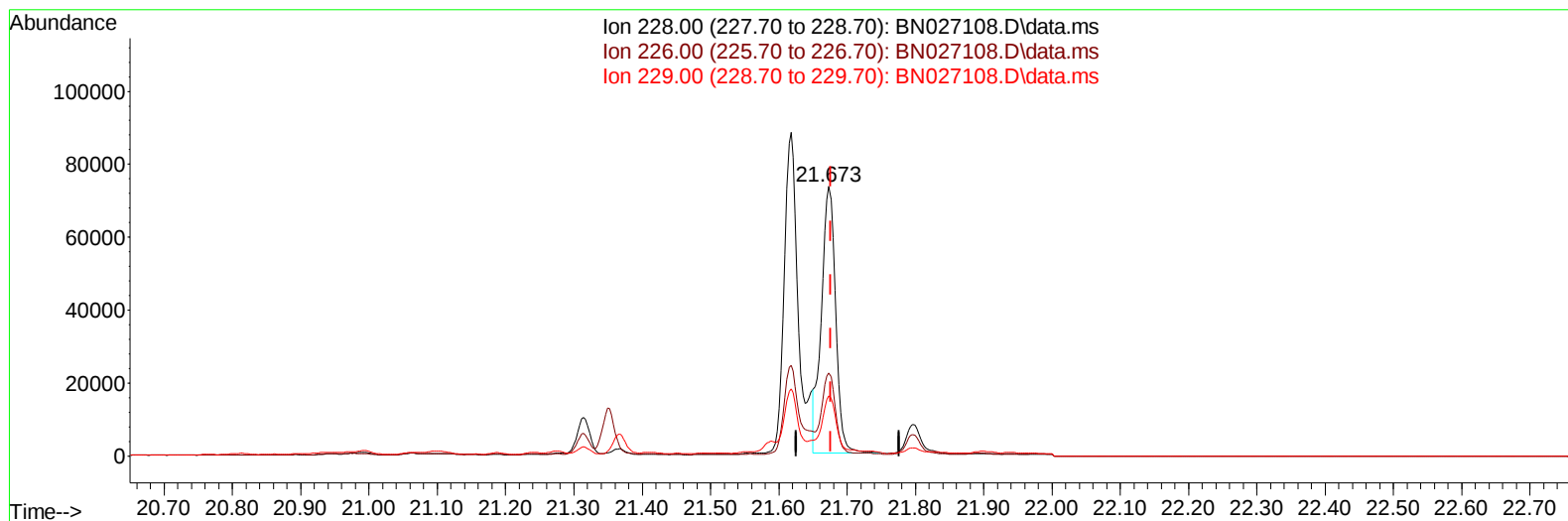
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TIC: BN027108.D\data.ms

(22) Chrysene

21.673min (-0.003) 0.97 ng/u1

response 106508

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.70	30.90
229.00	19.70	22.25
0.00	0.00	0.00

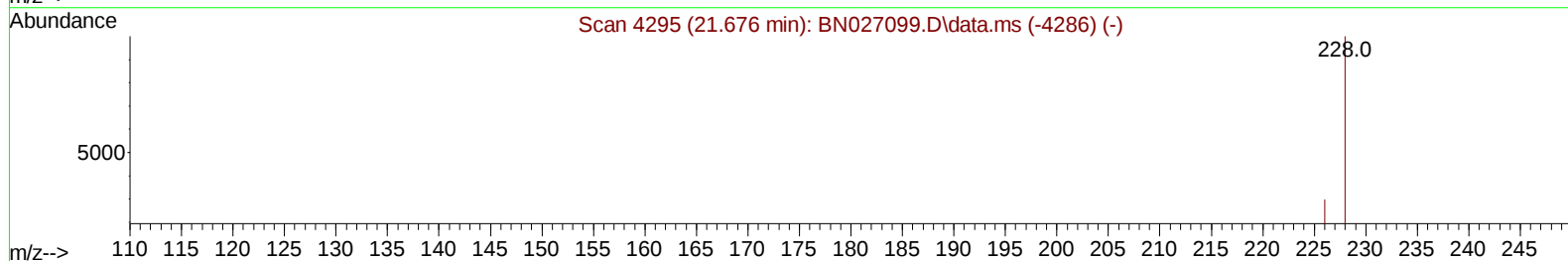
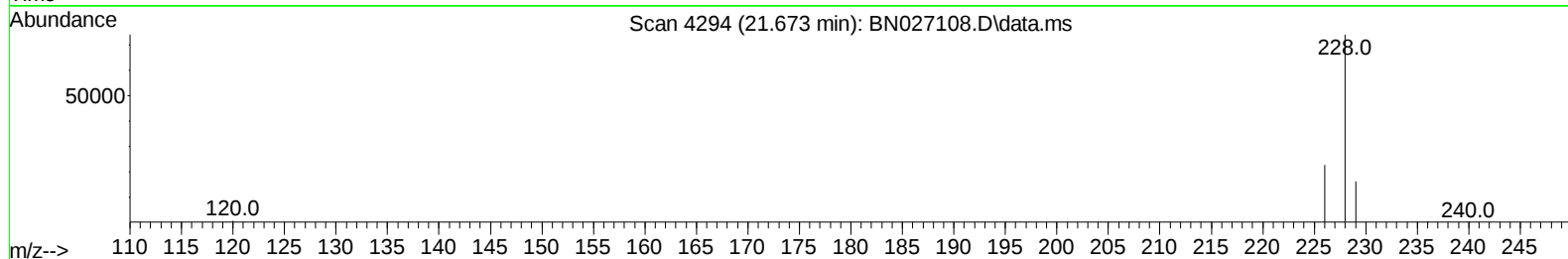
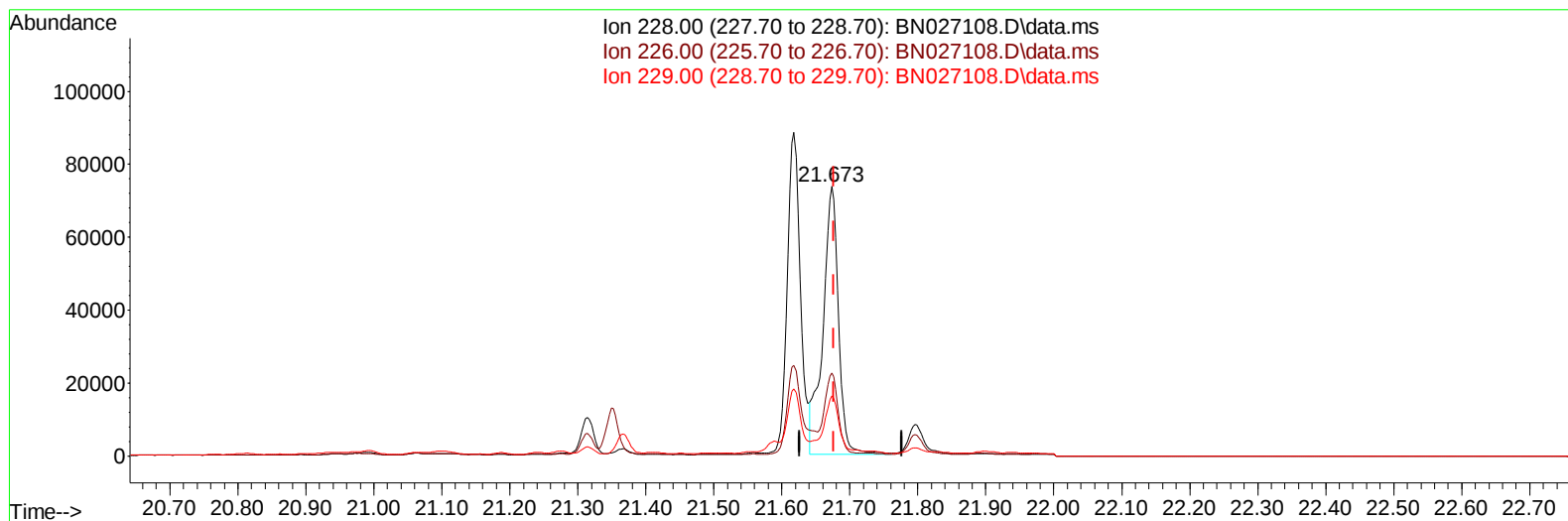
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Instrument :
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ClientSampleId :
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TIC: BN027108.D\data.ms

(22) Chrysene

21.673min (-0.003) 1.07 ng/ul m

response 117269

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.70	30.90
229.00	19.70	22.25
0.00	0.00	0.00

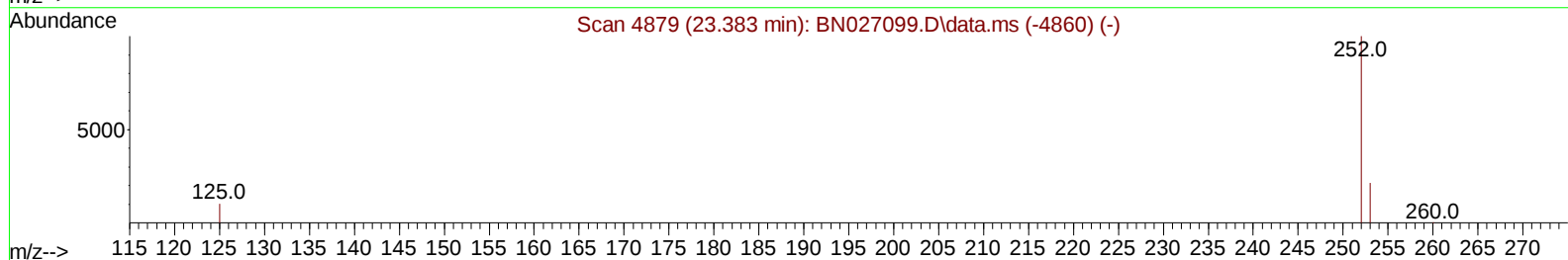
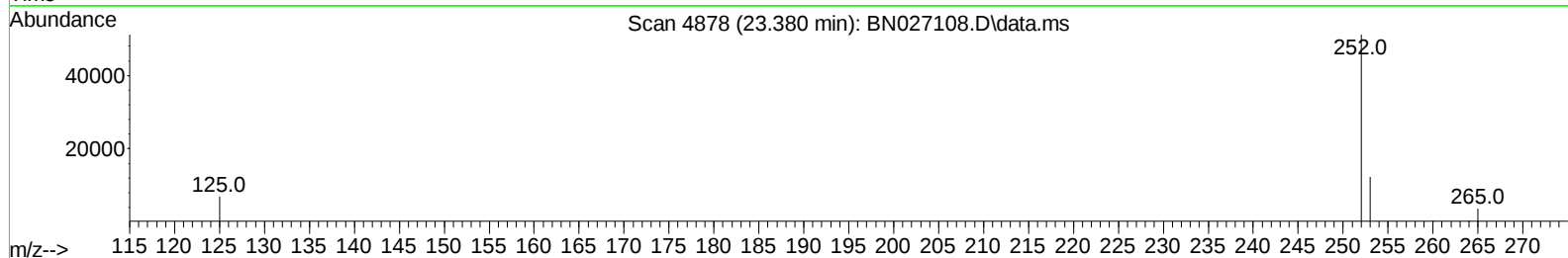
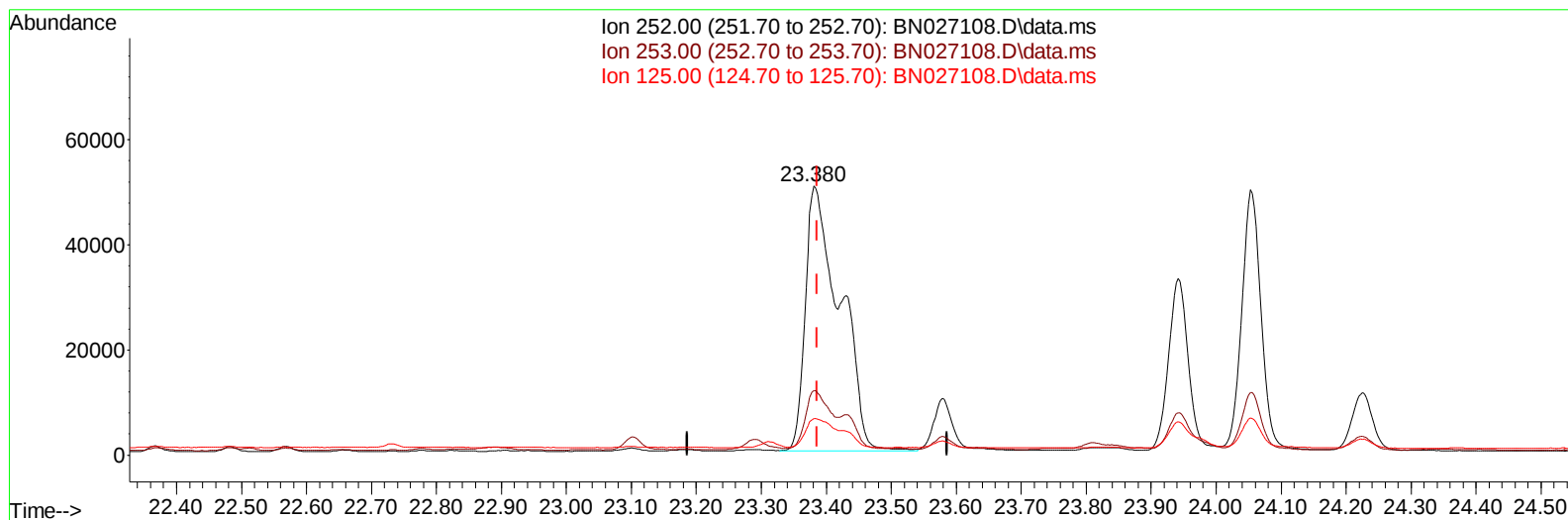
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TIC: BN027108.D\data.ms

(24) Benzo(b)fluoranthene

23.380min (-0.006) 1.74 ng/u1

response 186106

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.40	23.85
125.00	12.60	13.62
0.00	0.00	0.00

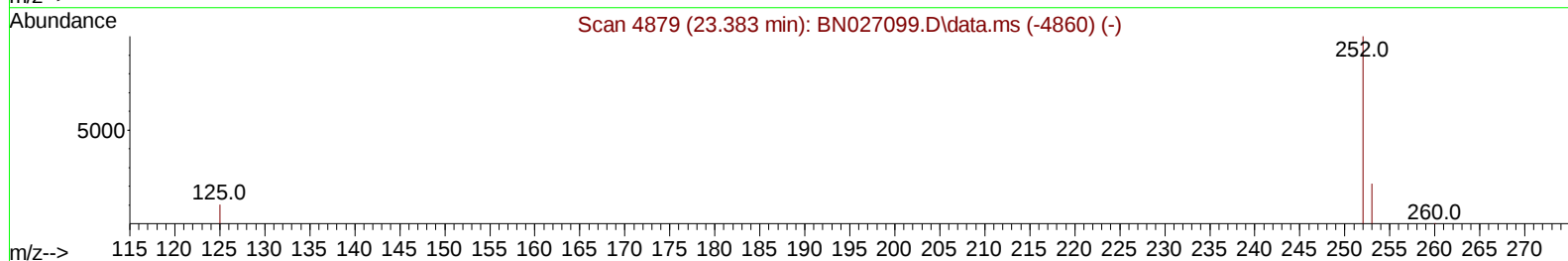
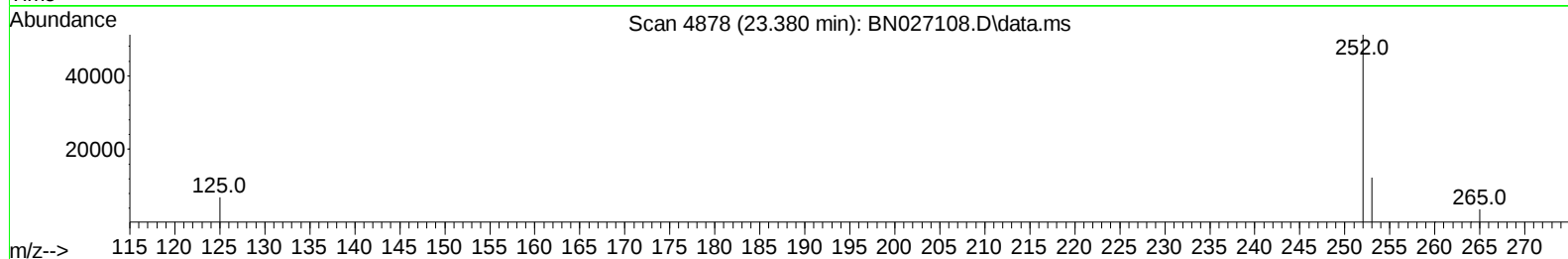
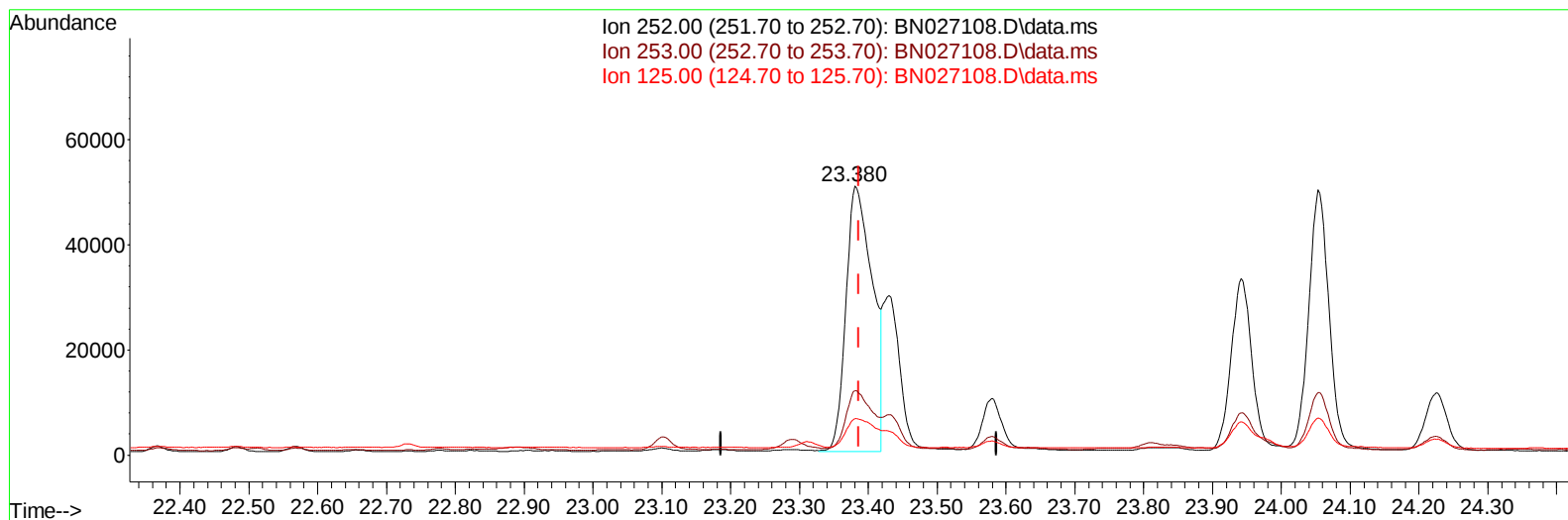
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082423\
 Data File : BN027108.D
 Acq On : 24 Aug 2023 21:42
 Operator : MA/JU
 Sample : 03968-35DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48Q3DL

Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 08/25/2023



TIC: BN027108.D\data.ms

(24) Benzo(b)fluoranthene

23.380min (-0.006) 1.27 ng/ul m

response 135970

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.40	23.85
125.00	12.60	13.62
0.00	0.00	0.00

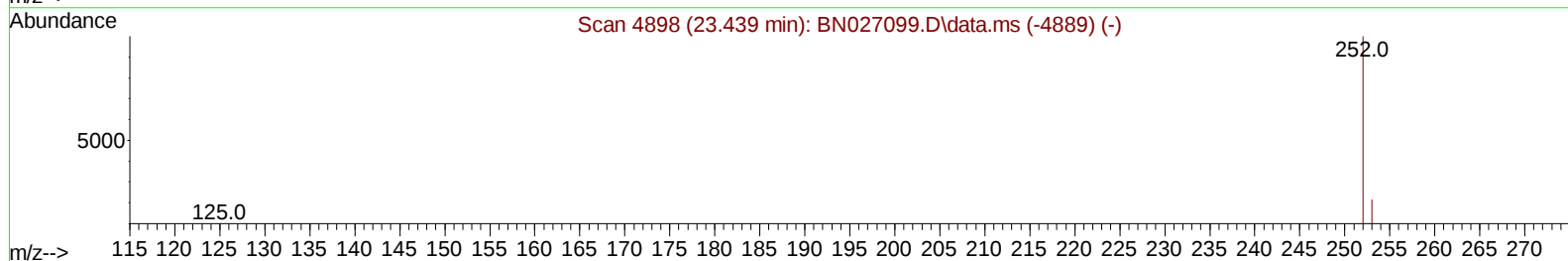
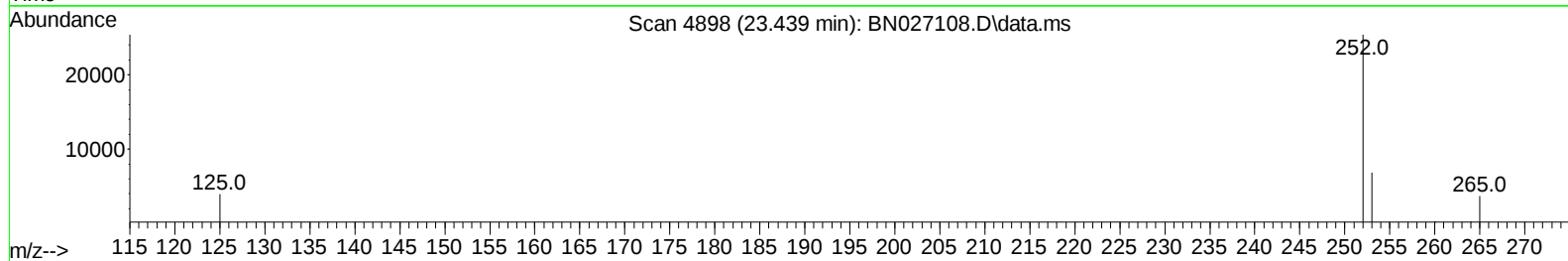
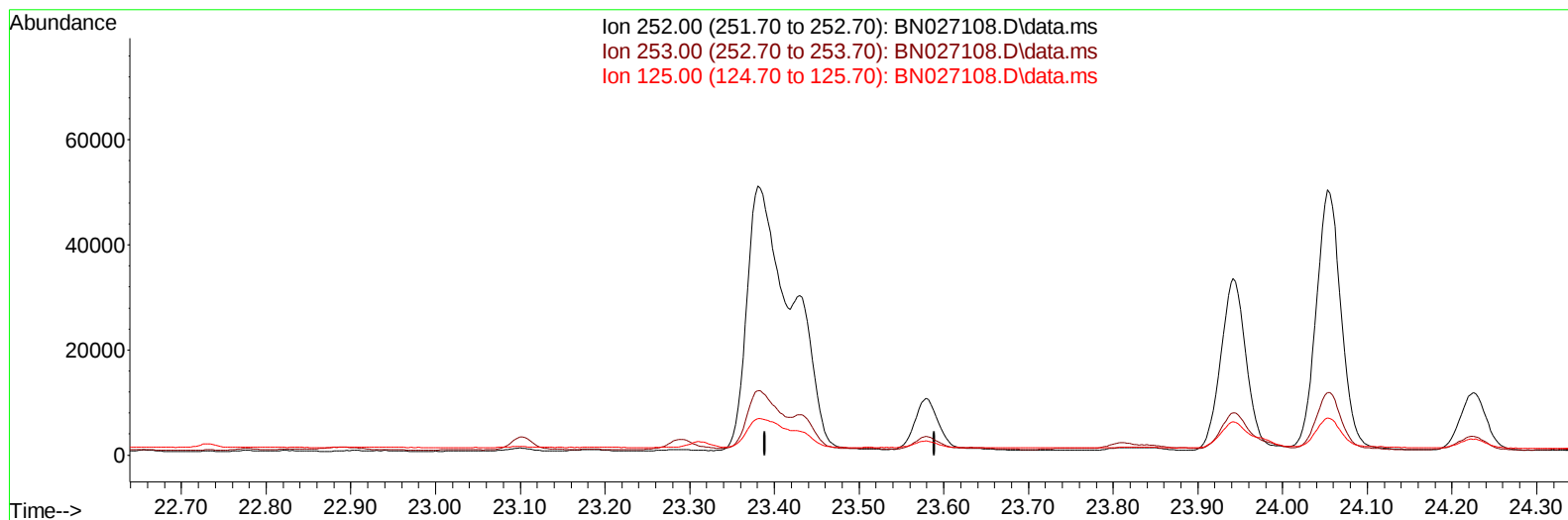
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 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
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TIC: BN027108.D\data.ms

(25) Benzo(k)fluoranthene

23.439min (-23.439) 0.00 ng/u1

response 0

Ion	Exp%	Act%
252.00	100.00	0.00
253.00	22.80	0.00#
125.00	12.40	0.00#
0.00	0.00	0.00

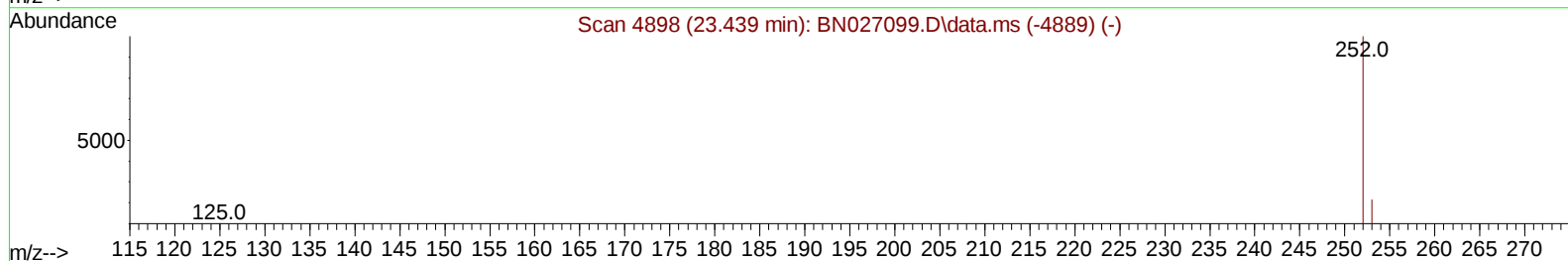
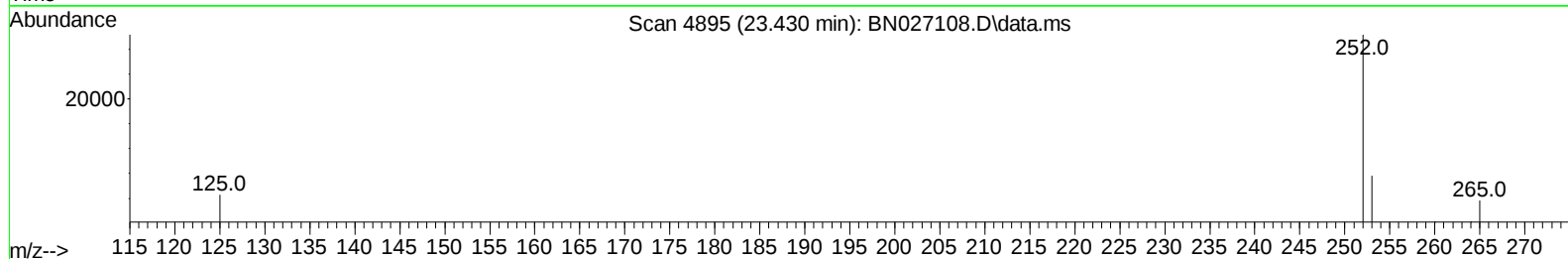
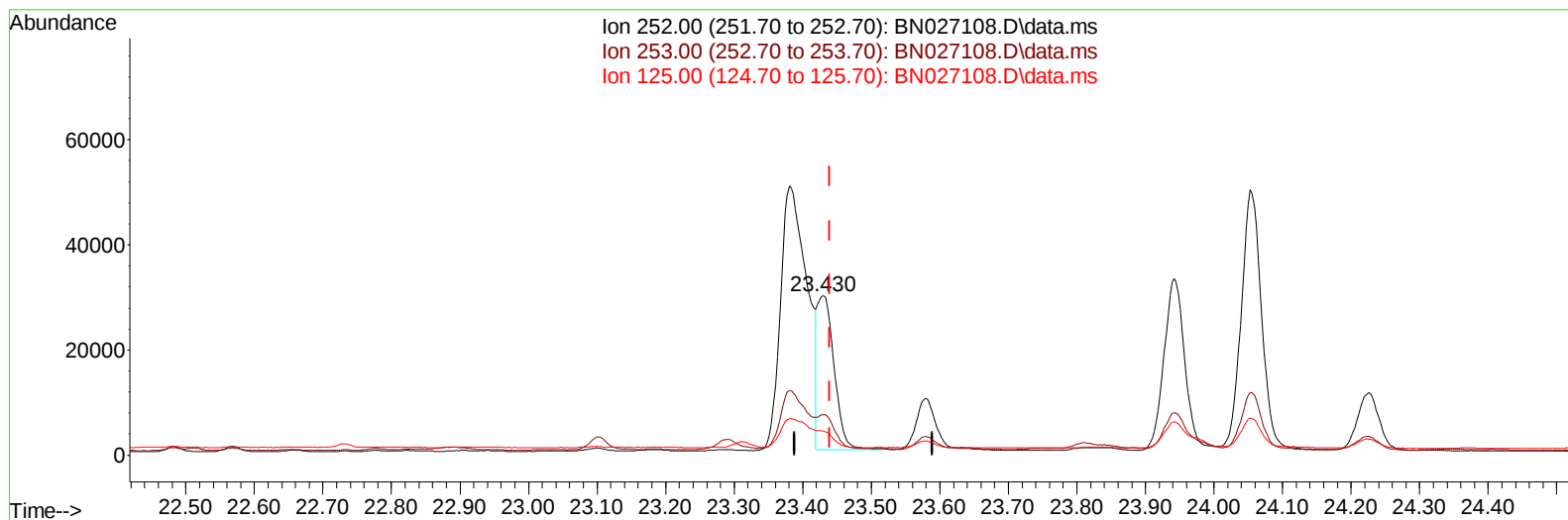
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 Data File : BN027108.D
 Acq On : 24 Aug 2023 21:42
 Operator : MA/JU
 Sample : 03968-35DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48Q3DL

Manual IntegrationsAPPROVED

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TIC: BN027108.D\data.ms

(25) Benzo(k)fluoranthene

23.430min (-0.009) 0.47 ng/ul m

response 49766

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.80	25.29
125.00	12.40	15.03#
0.00	0.00	0.00

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 Data File : BN027108.D
 Acq On : 24 Aug 2023 21:42
 Operator : MA/JU
 Sample : 03968-35DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48Q3DL

Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	7428	0.400	ng/ul	0.00
4) Naphthalene-d8	10.911	136	23870	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.712	164	14421	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.460	188	32361	0.400	ng/ul	0.00
17) Chrysene-d12	21.635	240	28040	0.400	ng/ul	0.00
23) Perylene-d12	24.170	264	28286	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.431	96	7899	0.896	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.483	152	1563	0.045	ng/ul	-0.01
18) Fluoranthene-d10	19.478	212	4231	0.048	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.960	128	4671	0.069	ng/ul#	93
7) 2-Methylnaphthalene	12.560	142	2112	0.052	ng/ul	100
8) 1-Methylnaphthalene	12.775	142	1832	0.043	ng/ul	100
10) Acenaphthylene	14.444	152	9406	0.116	ng/ul	98
11) Acenaphthene	14.777	153	8058	0.144	ng/ul	100
12) Fluorene	15.758	166	10892	0.172	ng/ul	99
15) Phenanthrene	17.502	178	184426	1.735	ng/ul	99
16) Anthracene	17.595	178	40225	0.419	ng/ul	99
19) Fluoranthene	19.506	202	254866	2.188	ng/ul	98
20) Pyrene	19.873	202	251499m	2.024	ng/ul	
21) Benzo(a)anthracene	21.618	228	118546	1.063	ng/ul	99
22) Chrysene	21.673	228	117269m	1.065	ng/ul	
24) Benzo(b)fluoranthene	23.380	252	135970m	1.271	ng/ul	
25) Benzo(k)fluoranthene	23.430	252	49766m	0.472	ng/ul	
26) Benzo(a)pyrene	24.053	252	101796	1.054	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.841	276	51841	0.410	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.861	278	12777	0.127	ng/ul#	81
29) Benzo(g,h,i)perylene	27.679	276	46655	0.444	ng/ul	99

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

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