

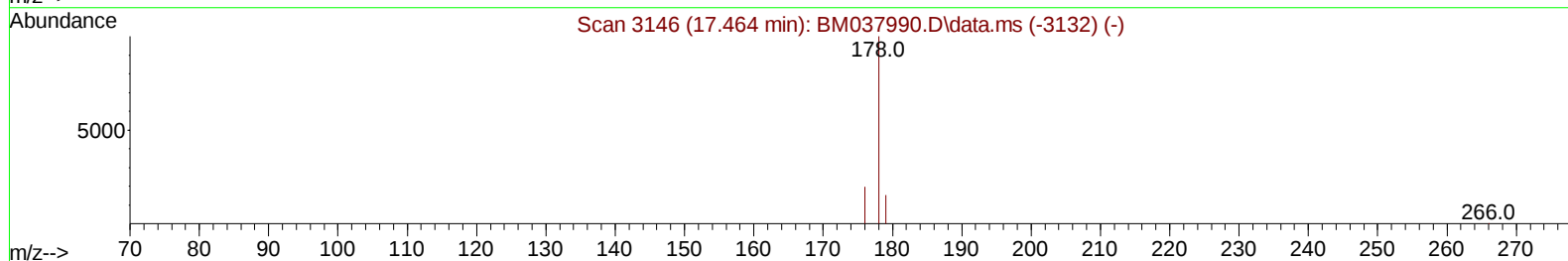
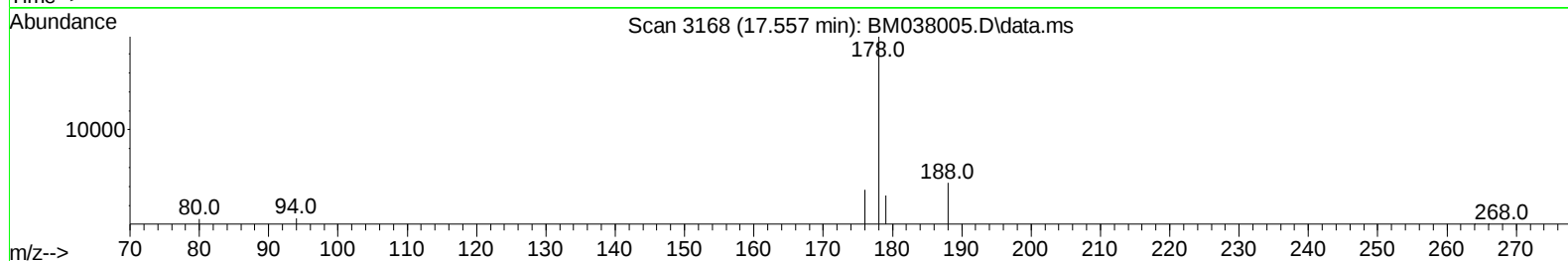
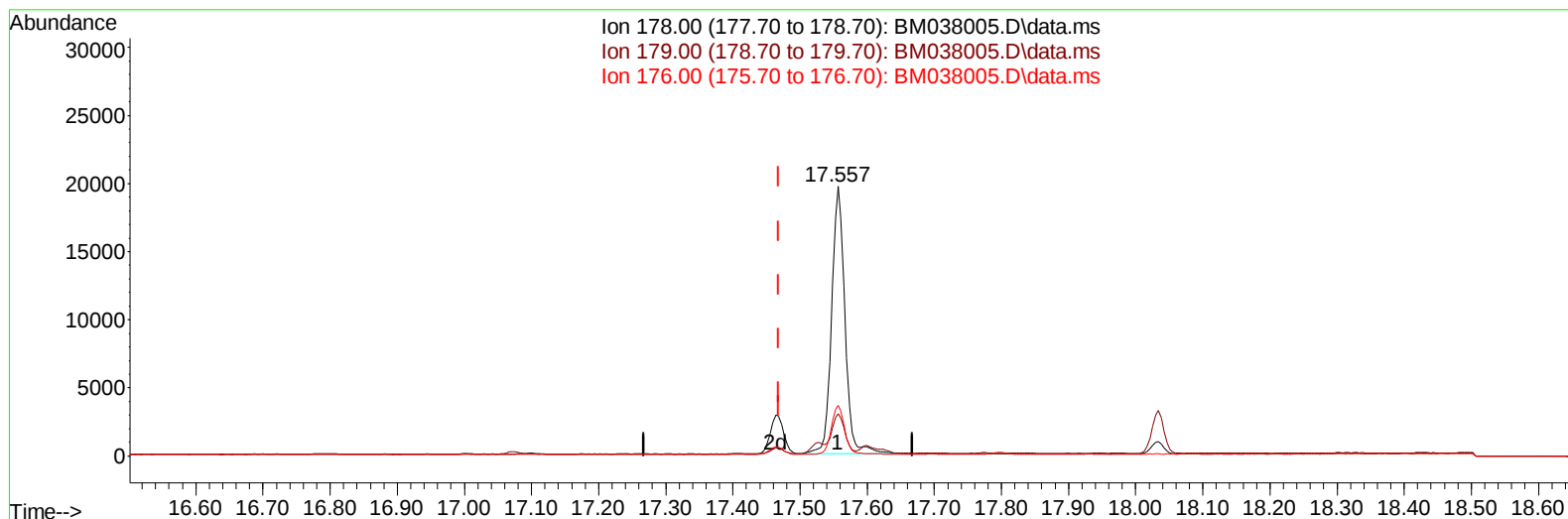
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121422\
 Data File : BM038005.D
 Acq On : 14 Dec 2022 19:49
 Operator : CG/JU
 Sample : N5983-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COLC0

Manual IntegrationsAPPROVED

Quant Time: Dec 14 23:27:43 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 14 01:30:33 2022
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Reviewed By :Jagrut Upadhyay 12/15/2022
 Supervised By :mohammad ahmed 12/16/2022



TIC: BM038005.D\data.ms

(15) Phenanthrene

17.557min (+ 0.088) 0.39 ng/u1

response 27539

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.90	15.62
176.00	20.20	18.69
0.00	0.00	0.00

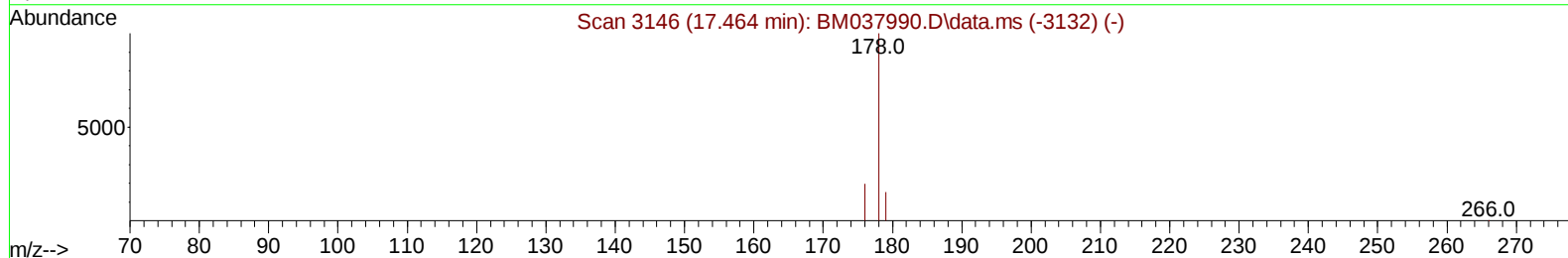
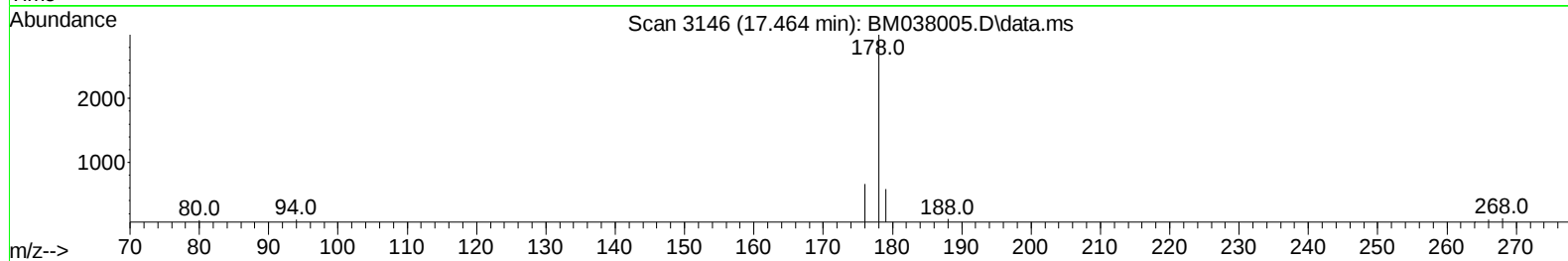
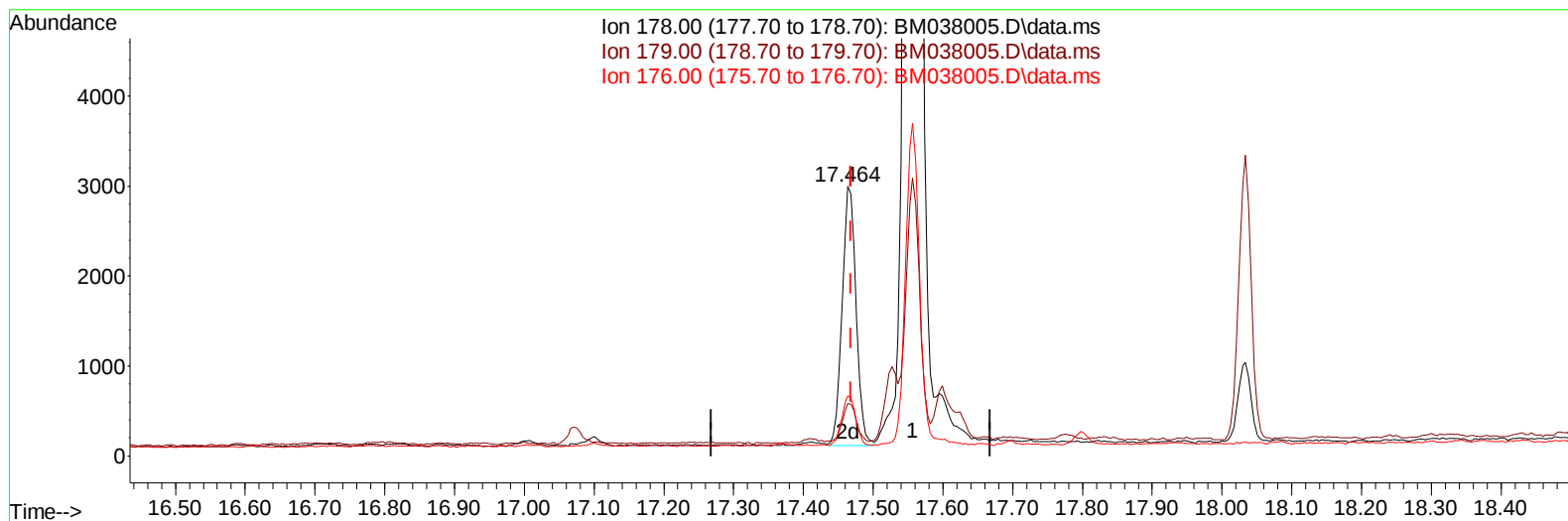
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TIC: BM038005.D\data.ms

(15) Phenanthrene

17.464min (-0.004) 0.06 ng/ul m

response 3966

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.90	19.53#
176.00	20.20	22.24
0.00	0.00	0.00

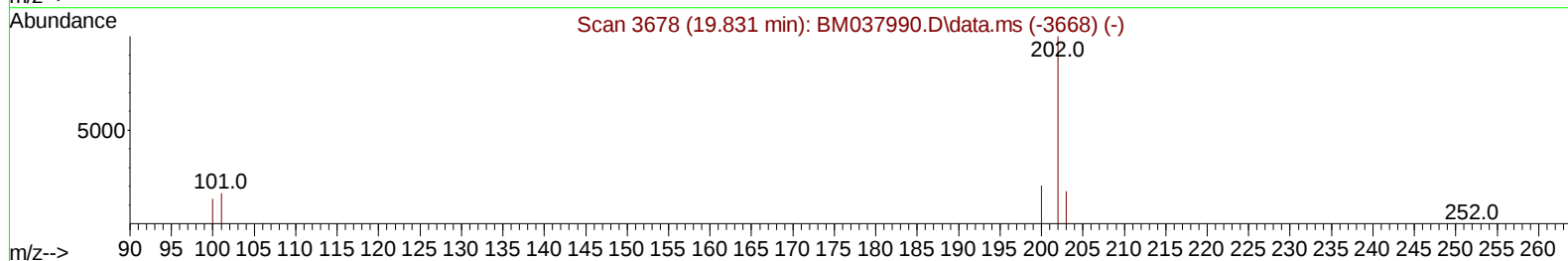
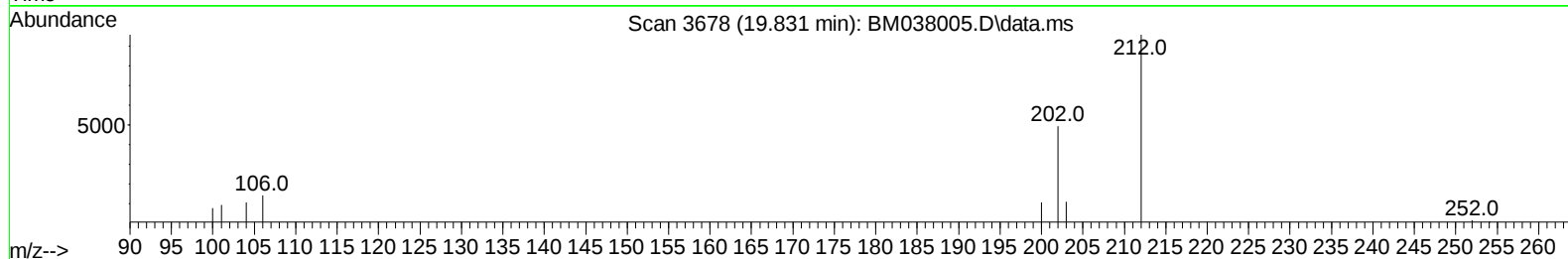
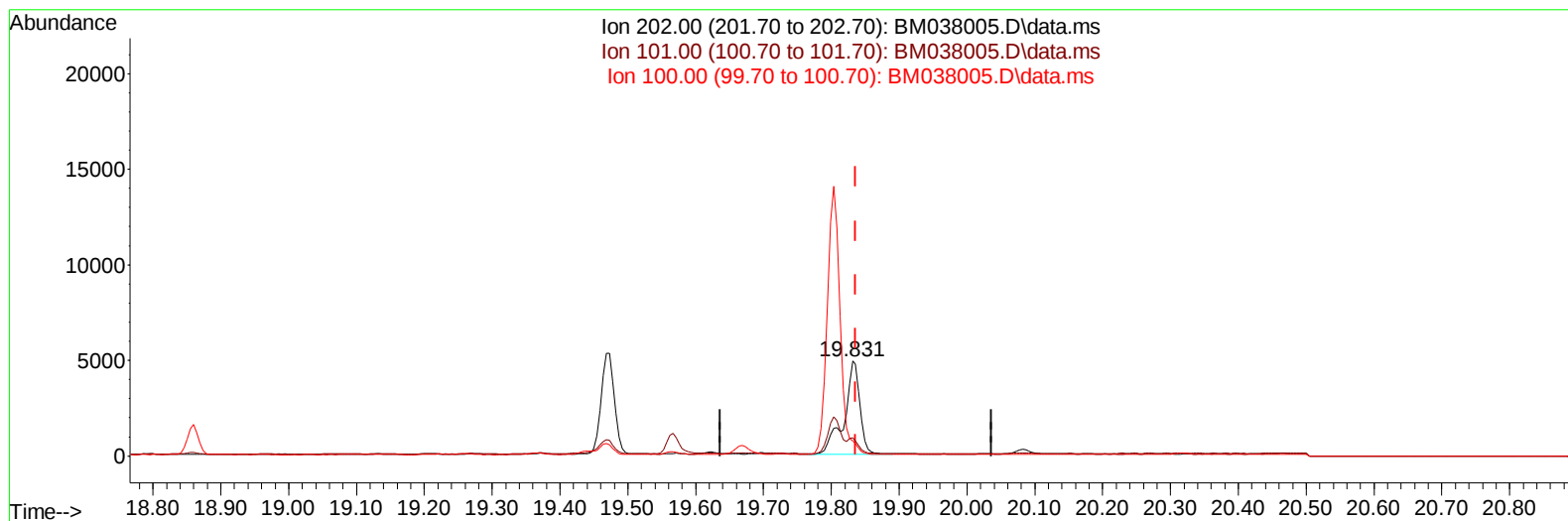
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TIC: BM038005.D\data.ms

(20) Pyrene

19.831min (-0.005) 0.11 ng/u1

response 8055

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	15.80	18.97#
100.00	13.20	15.84
0.00	0.00	0.00

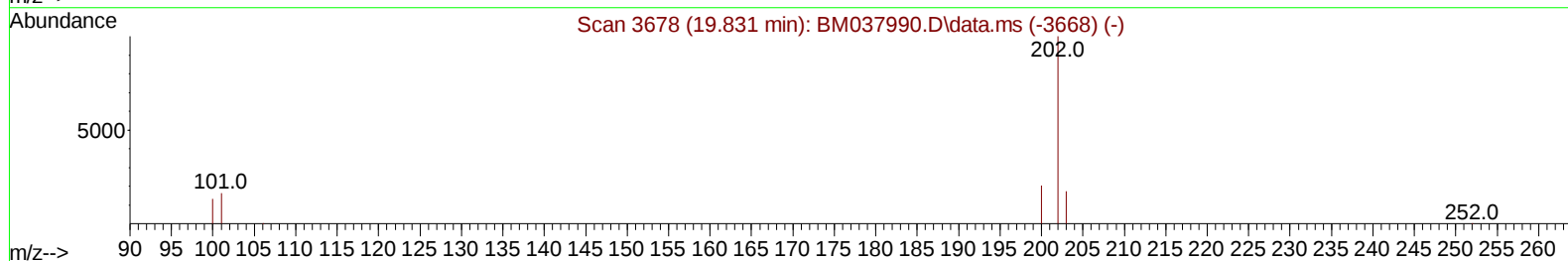
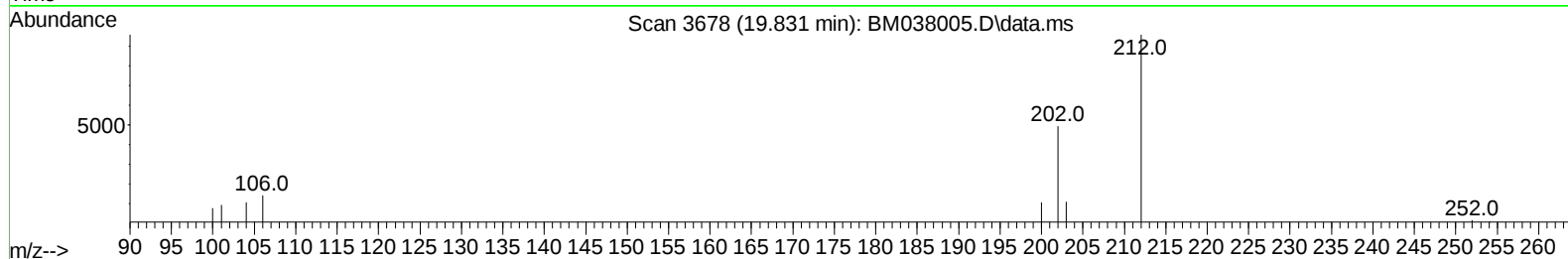
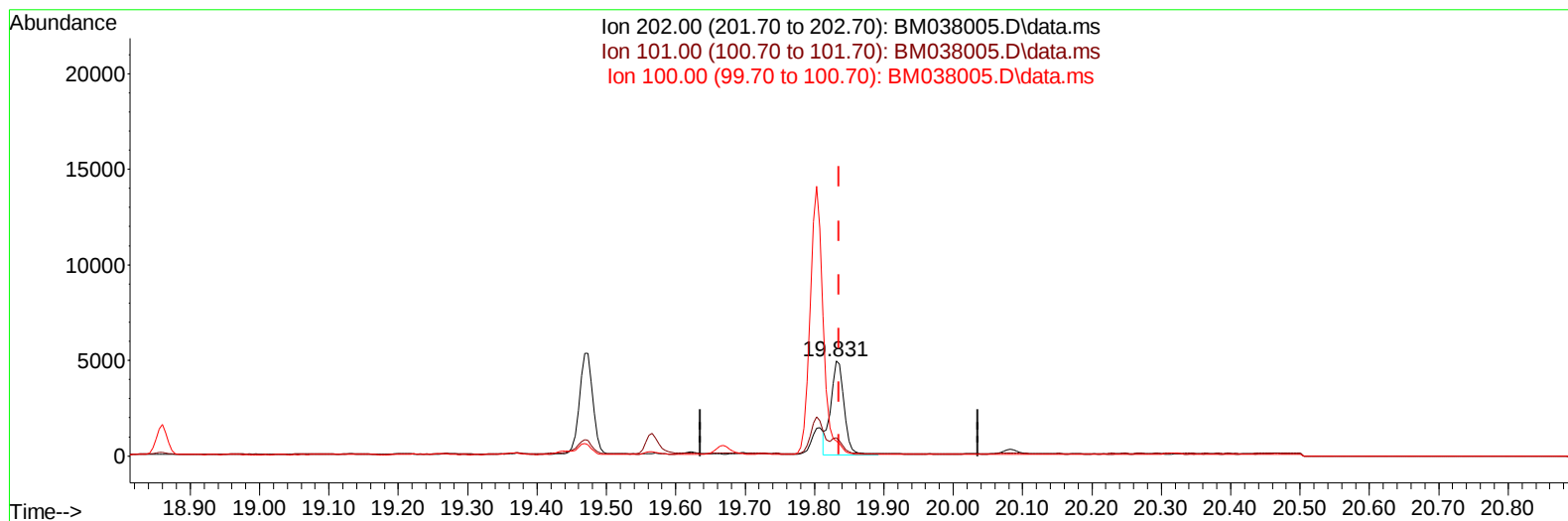
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TIC: BM038005.D\data.ms

(20) Pyrene

19.831min (-0.005) 0.09 ng/ul m

response 6636

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	15.80	18.97#
100.00	13.20	15.84
0.00	0.00	0.00

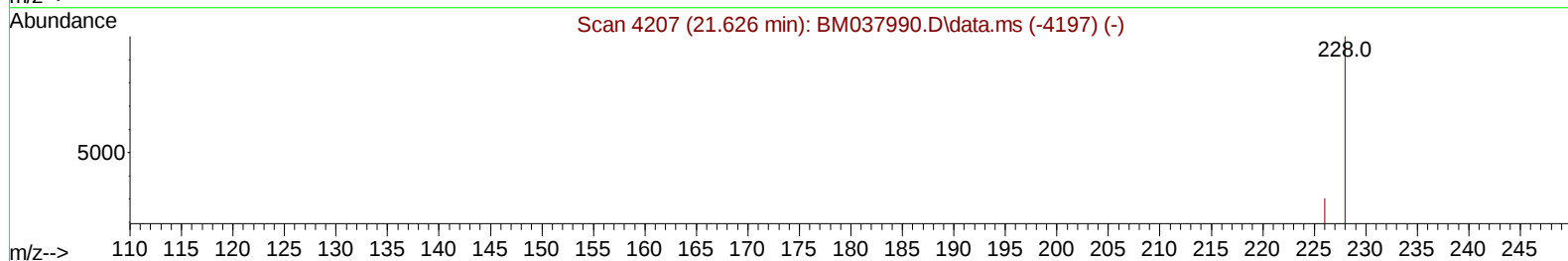
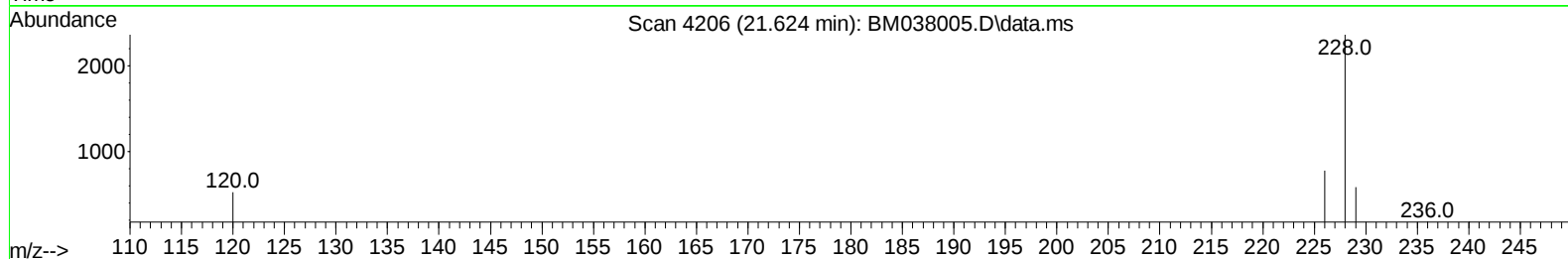
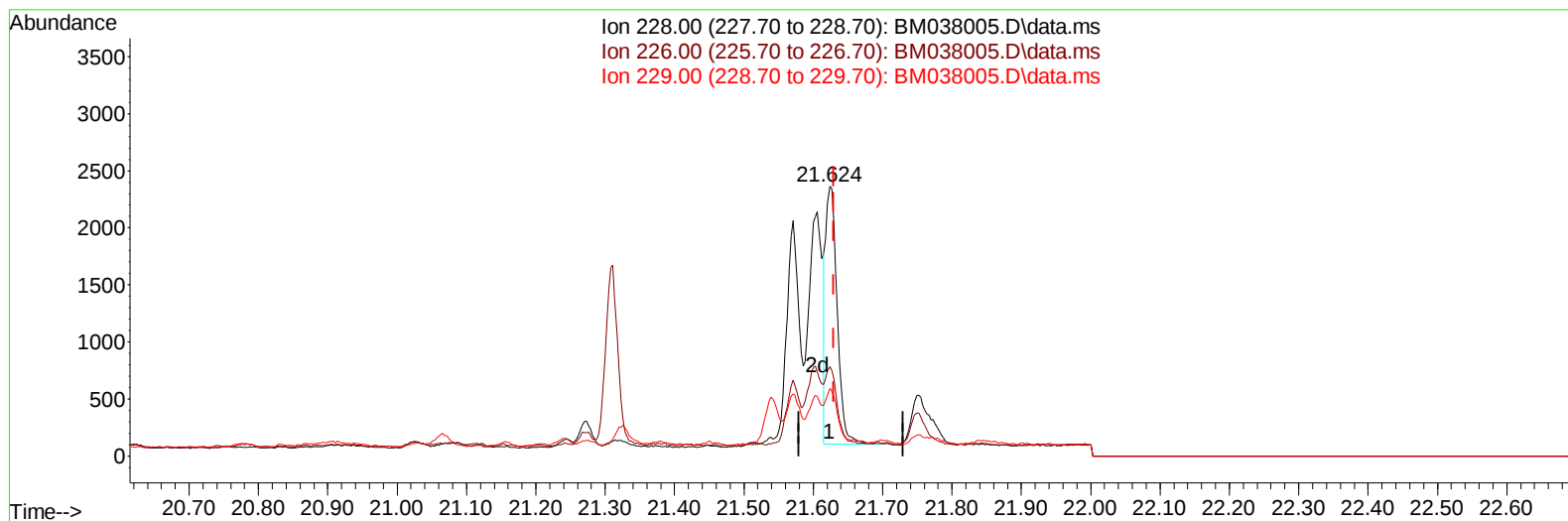
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TIC: BM038005.D\data.ms

(22) Chrysene

21.624min (-0.006) 0.04 ng/u1

response 2598

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.60	33.07
229.00	19.80	25.02#
0.00	0.00	0.00

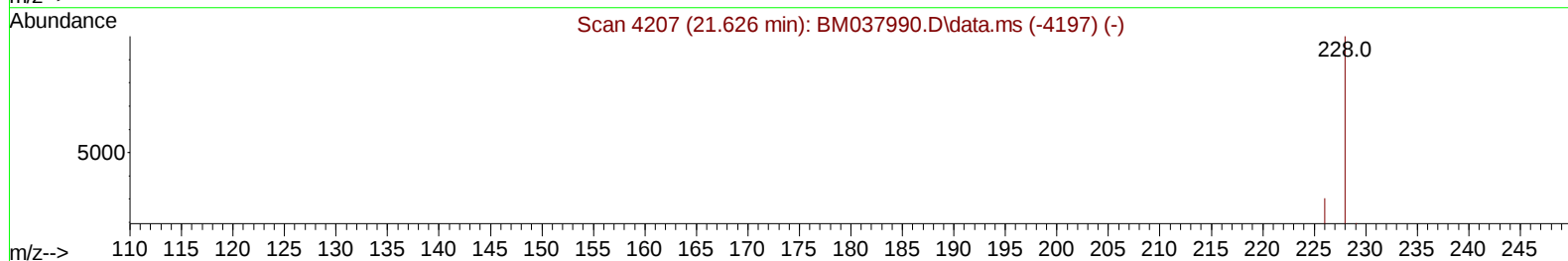
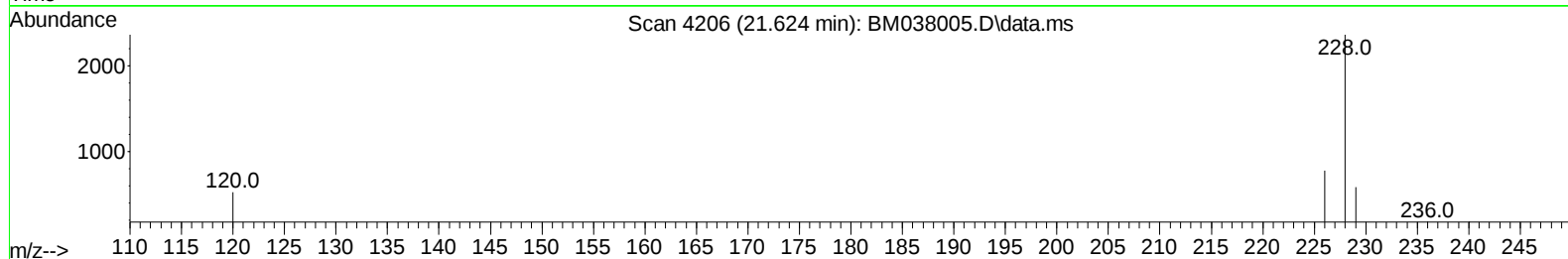
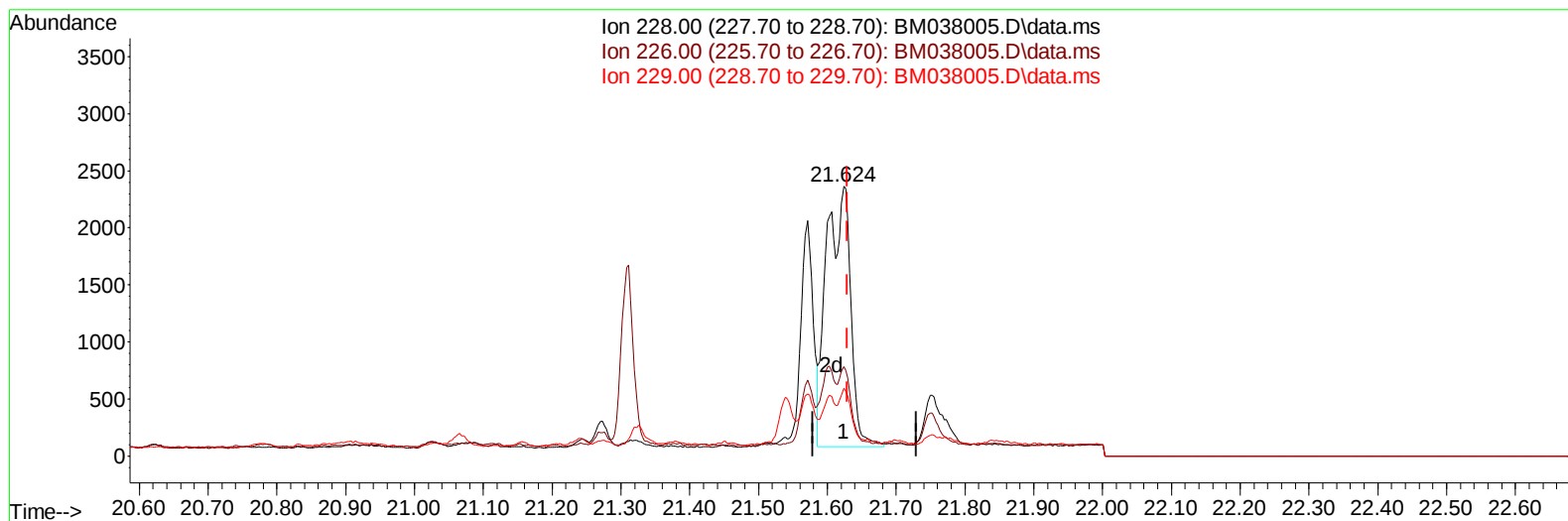
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Data File : BM038005.D
Acq On : 14 Dec 2022 19:49
Operator : CG/JU
Sample : N5983-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COLC0

Manual IntegrationsAPPROVED

Quant Time: Dec 14 23:27:43 2022
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TIC: BM038005.D\data.ms

(22) Chrysene

21.624min (-0.006) 0.08 ng/ul m

response 5482

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.60	33.07
229.00	19.80	25.02#
0.00	0.00	0.00

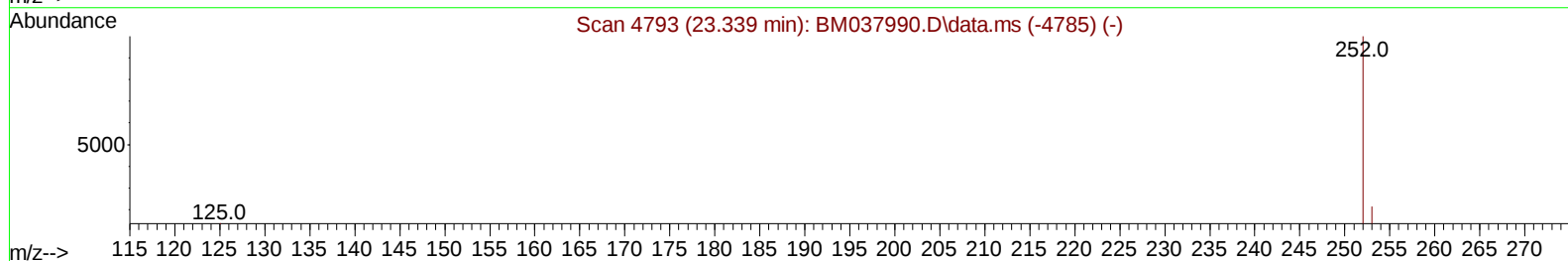
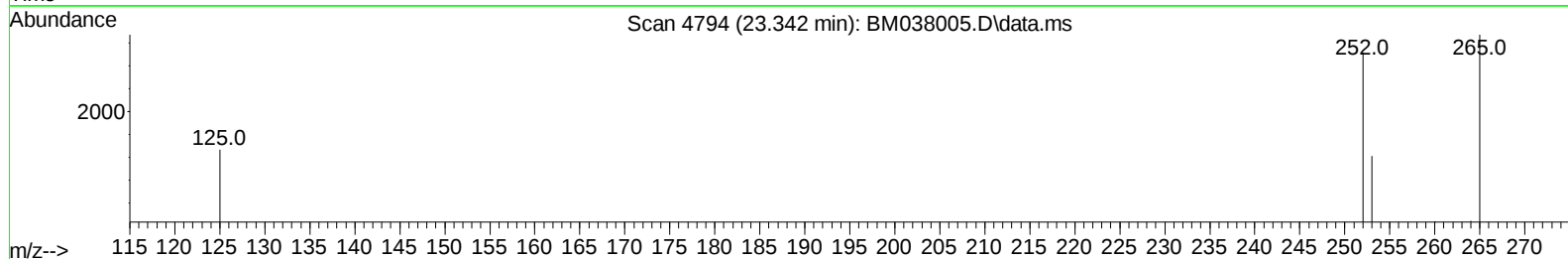
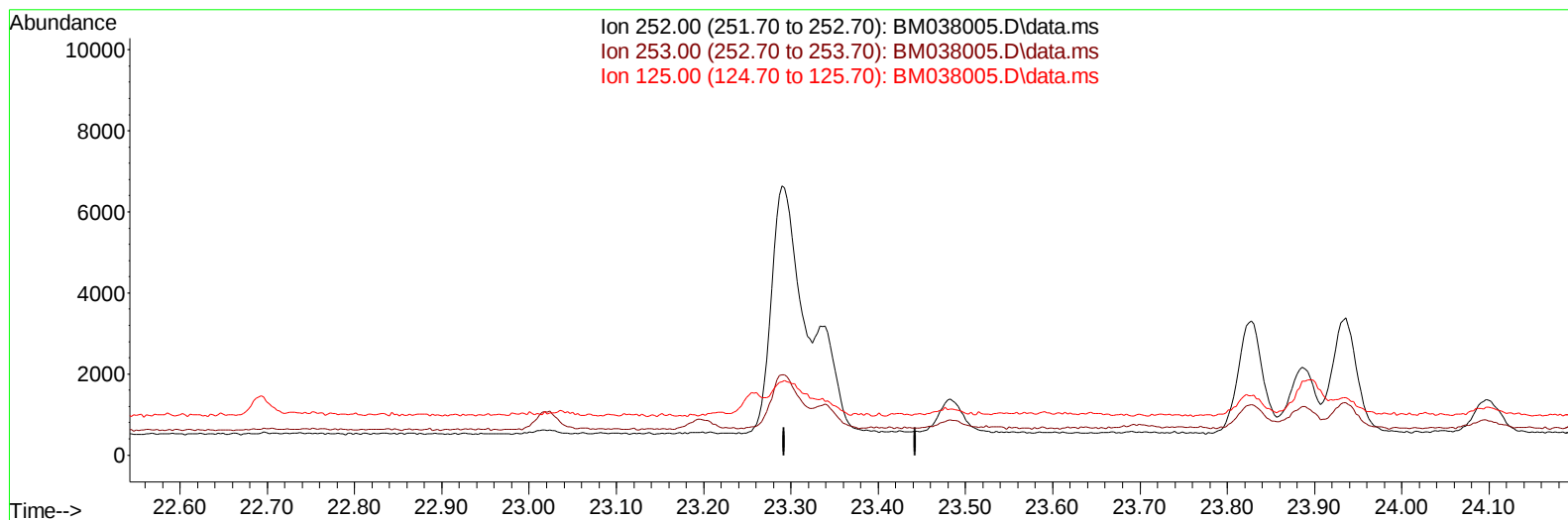
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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TIC: BM038005.D\data.ms

(25) Benzo(k)fluoranthene

23.342min (-23.342) 0.00 ng/u1

response 0

Ion	Exp%	Act%
252.00	100.00	0.00
253.00	24.20	0.00#
125.00	20.90	0.00#
0.00	0.00	0.00

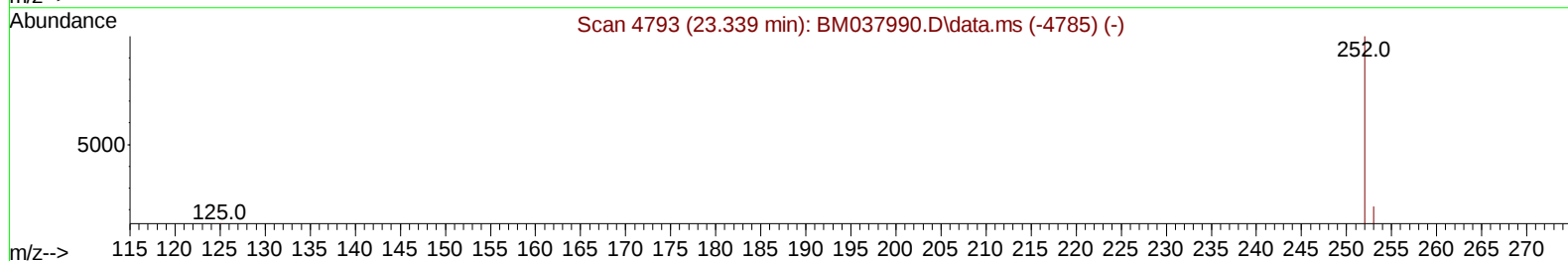
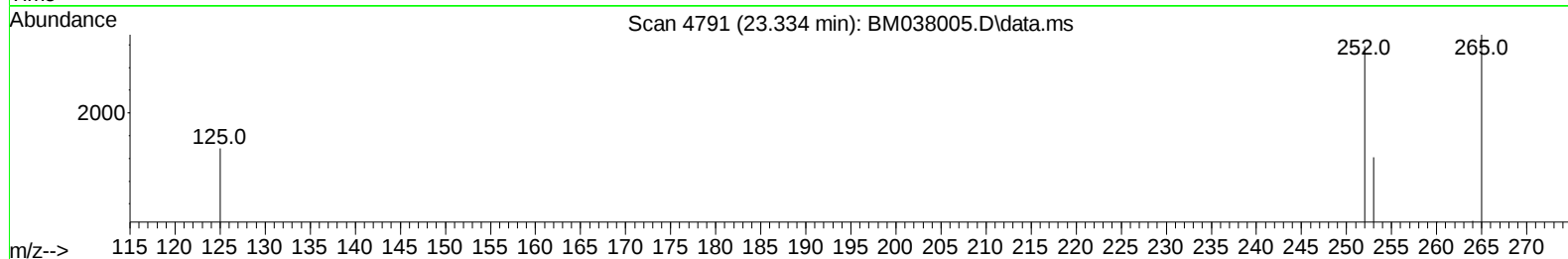
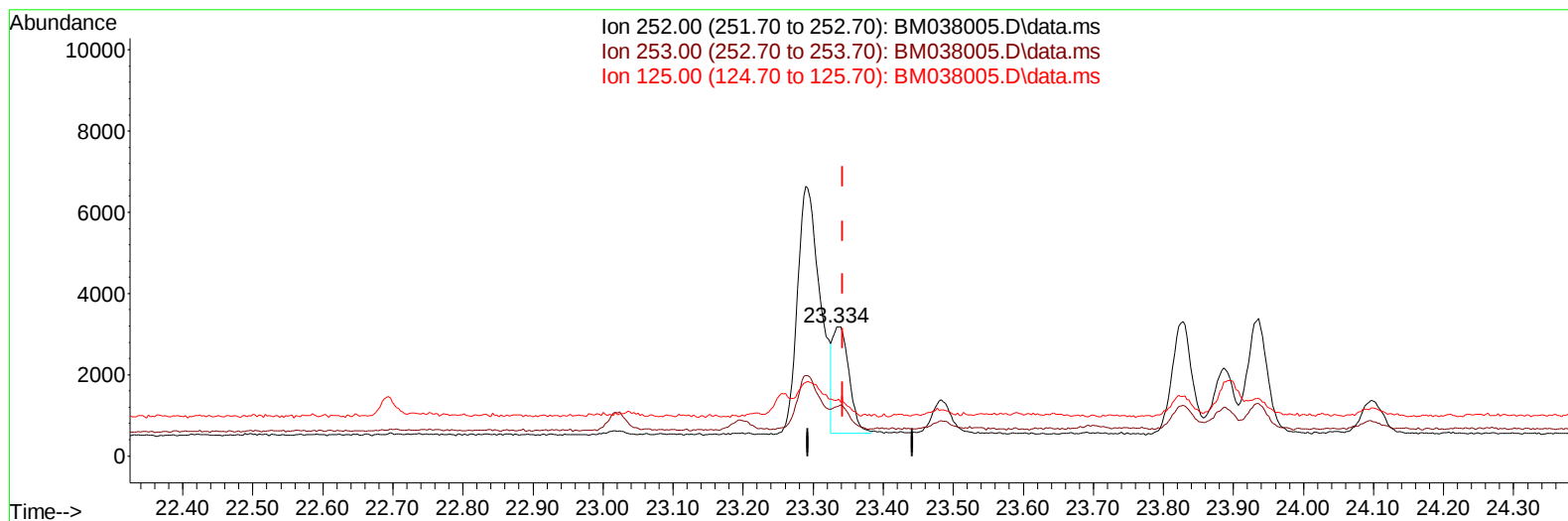
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Operator : CG/JU
Sample : N5983-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COLC0

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/15/2022
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Quant Time: Dec 14 23:27:43 2022
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TIC: BM038005.D\data.ms

(25) Benzo(k)fluoranthene

23.334min (-0.009) 0.06 ng/u1 m

response 4282

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.20	38.29#
125.00	20.90	43.23#
0.00	0.00	0.00

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 Sample : N5983-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COLC0

Manual IntegrationsAPPROVED

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.064	152		5194	0.400	ng/ul	0.00
4) Naphthalene-d8	10.878	136		15734	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.689	164		9130	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.426	188		20136	0.400	ng/ul	0.00
17) Chrysene-d12	21.586	240		14256	0.400	ng/ul	0.00
23) Perylene-d12	24.044	264		14025	0.400	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.410	96		19681	2.687	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152		4639	0.208	ng/ul	0.00
18) Fluoranthene-d10	19.441	212		11333	0.233	ng/ul	0.00
Target Compounds							
						Qvalue	
10) Acenaphthylene	14.412	152		1149	0.022	ng/ul#	79
14) Pentachlorophenol	17.071	266		59484	6.949	ng/ul	99
15) Phenanthrene	17.464	178		3966m	0.057	ng/ul	
16) Anthracene	17.557	178		27522	0.431	ng/ul	98
19) Fluoranthene	19.469	202		7146	0.095	ng/ul	95
20) Pyrene	19.831	202		6636m	0.087	ng/ul	
21) Benzo(a)anthracene	21.571	228		2310	0.035	ng/ul#	87
22) Chrysene	21.624	228		5482m	0.081	ng/ul	
24) Benzo(b)fluoranthene	23.290	252		13812	0.178	ng/ul	87
25) Benzo(k)fluoranthene	23.334	252		4282m	0.059	ng/ul	
26) Benzo(a)pyrene	23.936	252		5607	0.089	ng/ul#	73
27) Indeno(1,2,3-cd)pyrene	26.612	276		3455	0.045	ng/ul#	100
29) Benzo(g,h,i)perylene	27.407	276		2430	0.038	ng/ul#	78

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

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