

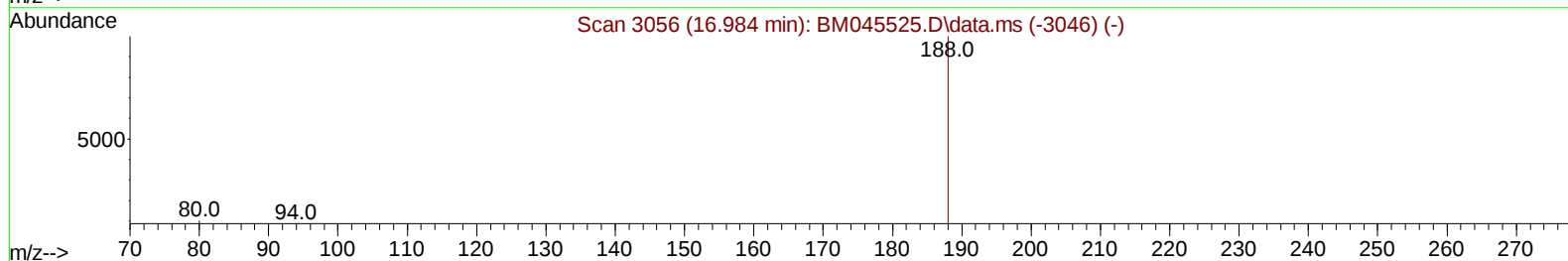
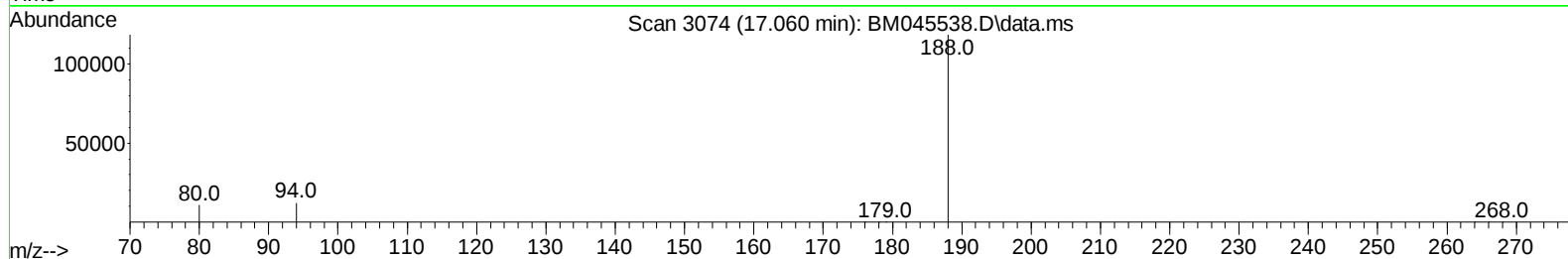
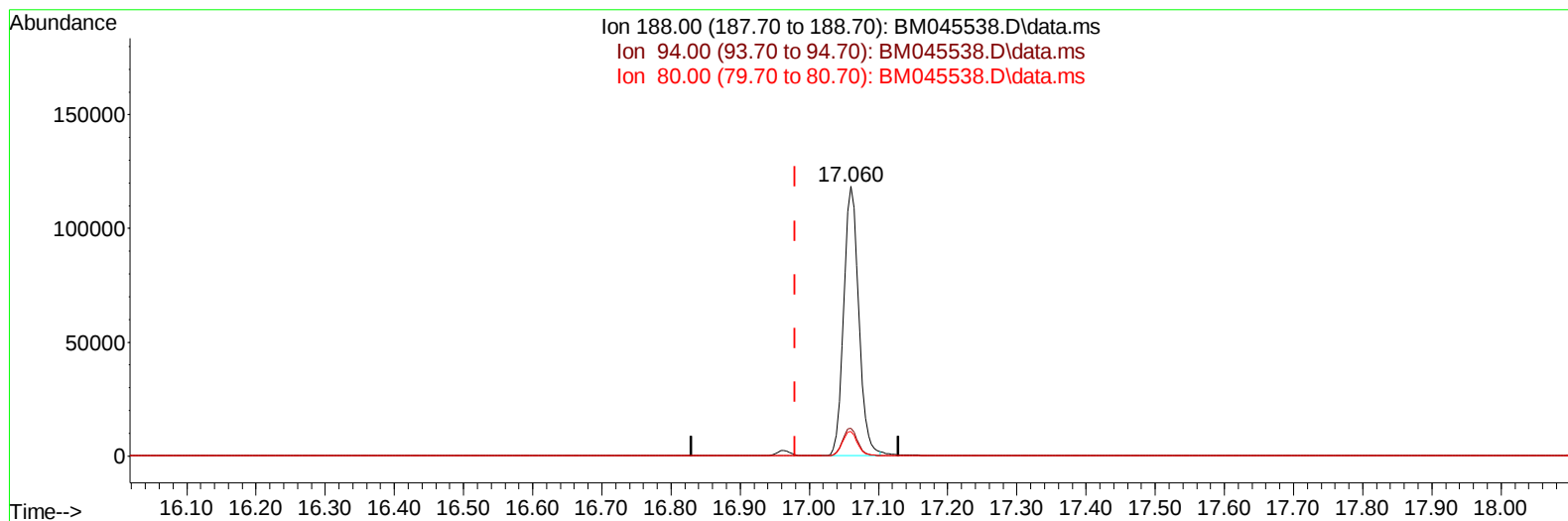
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045538.D
Acq On : 24 Apr 2024 21:56
Operator : MA/JU
Sample : P2164-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0SB1

Manual IntegrationsAPPROVED

Quant Time: Apr 24 23:50:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



TIC: BM045538.D\data.ms

(13) Phenanthrene-d10 (I)

17.060min (+ 0.080) 0.40 ng/u1

response 179032

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.80	10.35#
80.00	14.80	9.16#
0.00	0.00	0.00

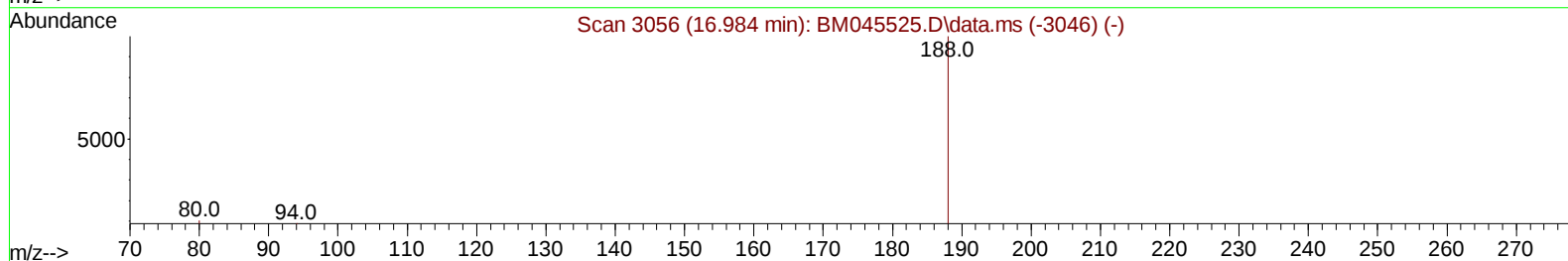
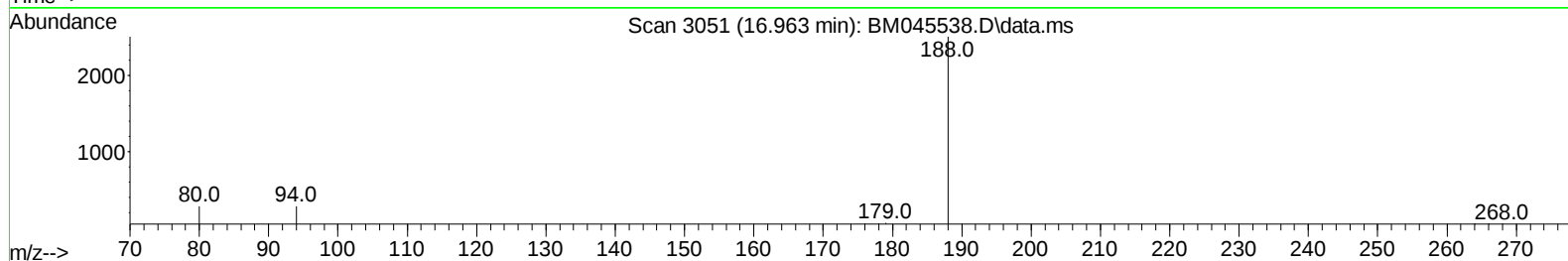
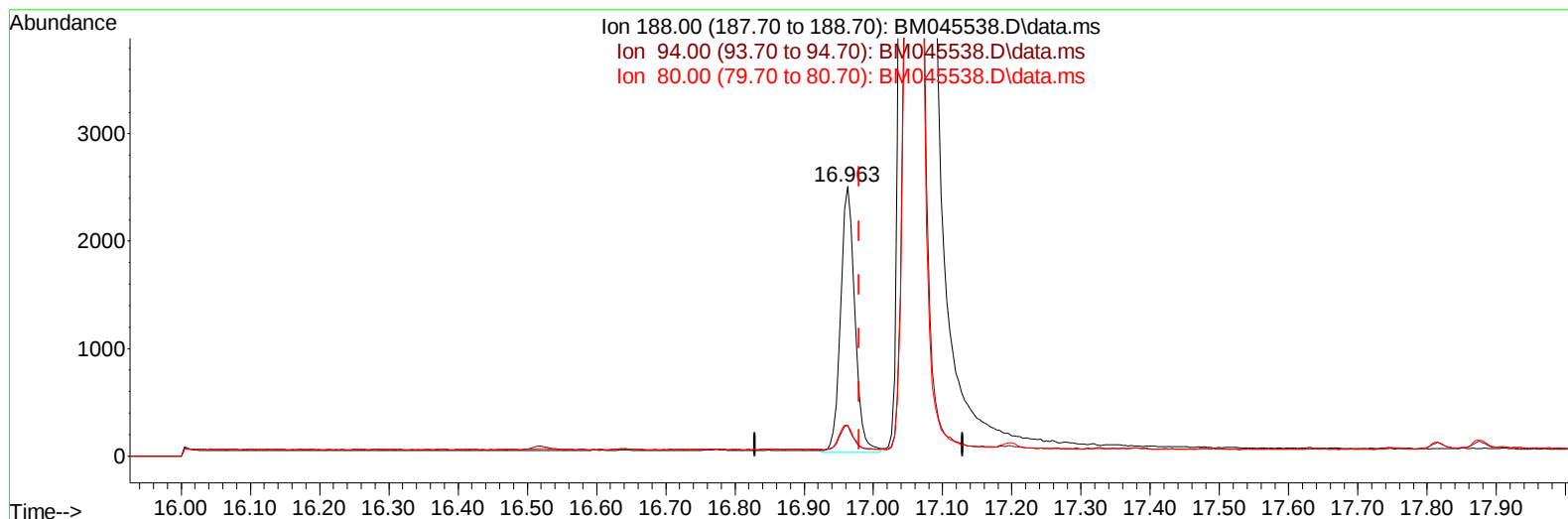
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(13) Phenanthrene-d10 (I)

16.963min (-0.017) 0.40 ng/u1 m

response 3534

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.80	11.40#
80.00	14.80	11.20#
0.00	0.00	0.00

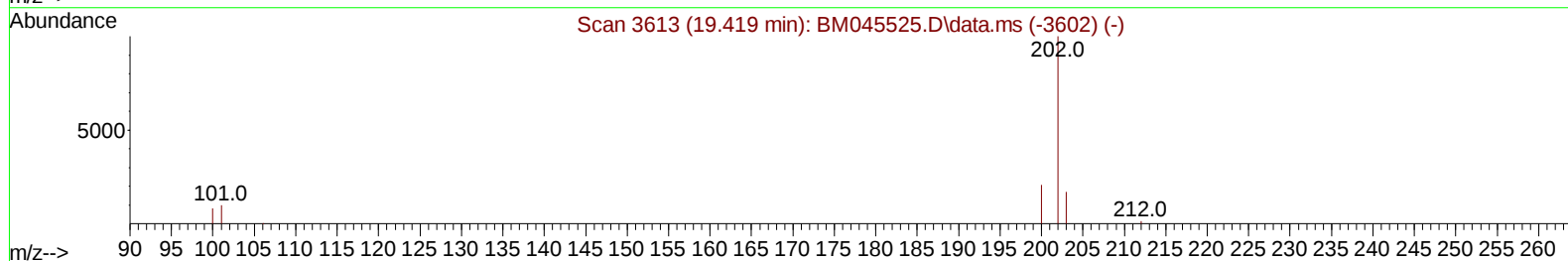
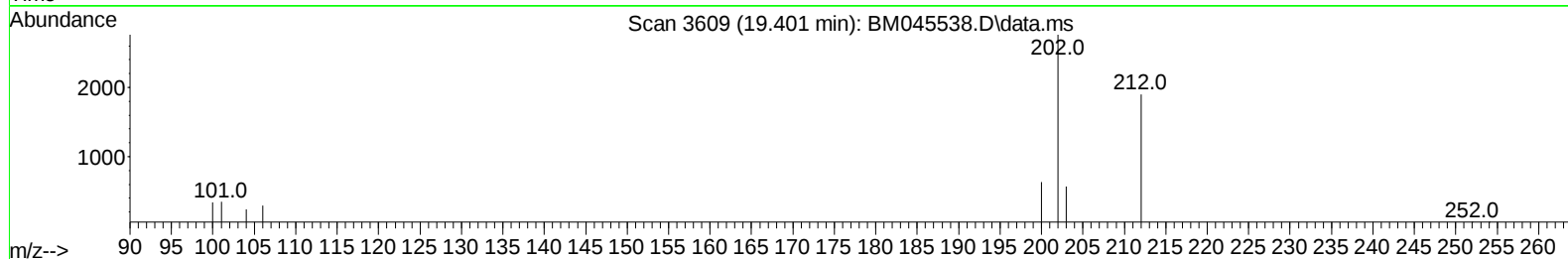
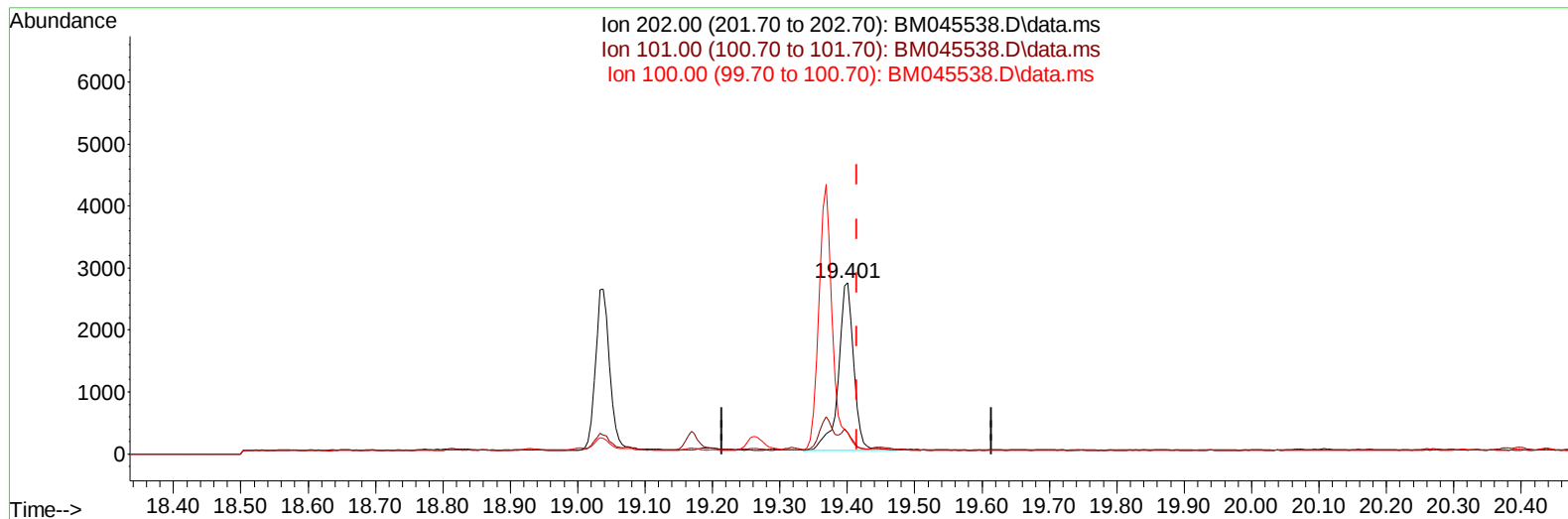
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TIC: BM045538.D\data.ms

(20) Pyrene

19.401min (-0.014) 0.30 ng/u1

response 4189

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.40	12.49
100.00	13.20	12.38
0.00	0.00	0.00

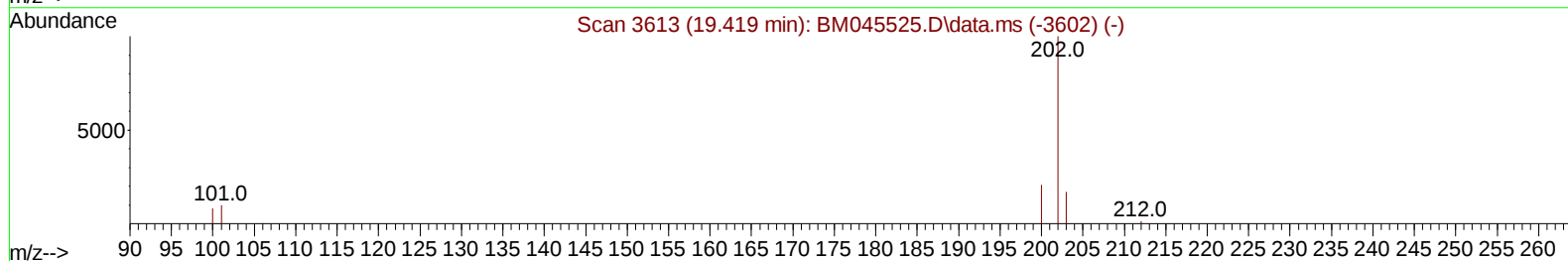
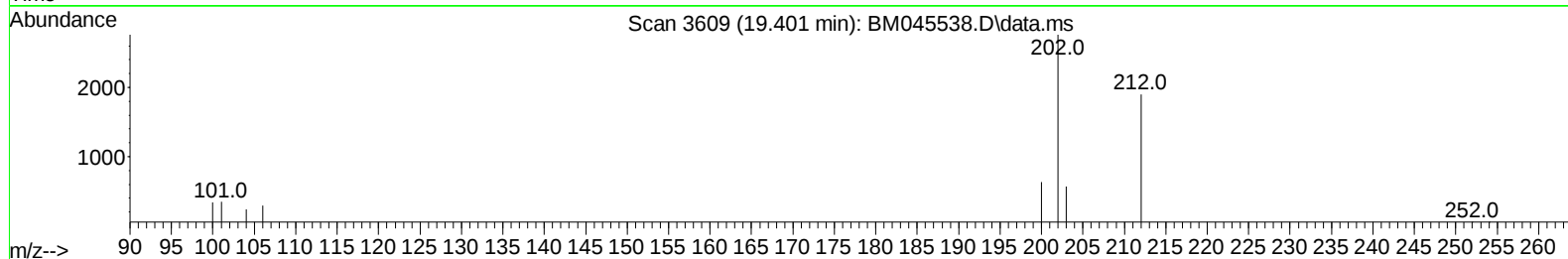
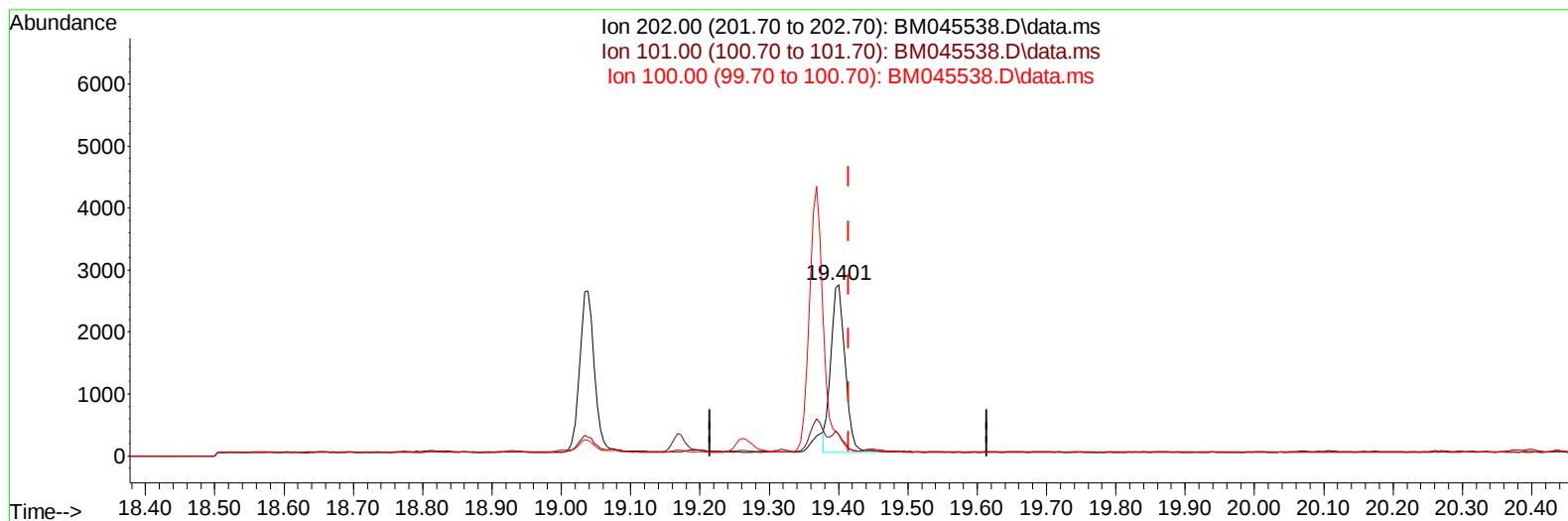
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TIC: BM045538.D\data.ms

(20) Pyrene

19.401min (-0.014) 0.28 ng/ul m

response 3851

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.40	12.49
100.00	13.20	12.38
0.00	0.00	0.00

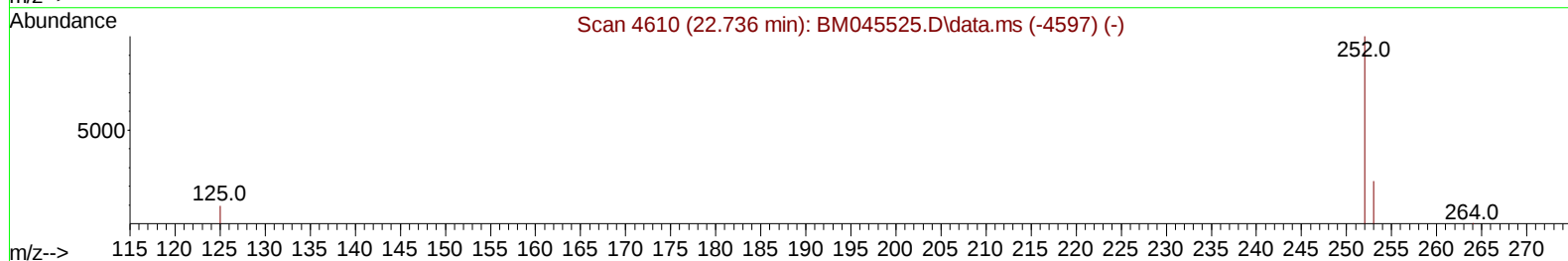
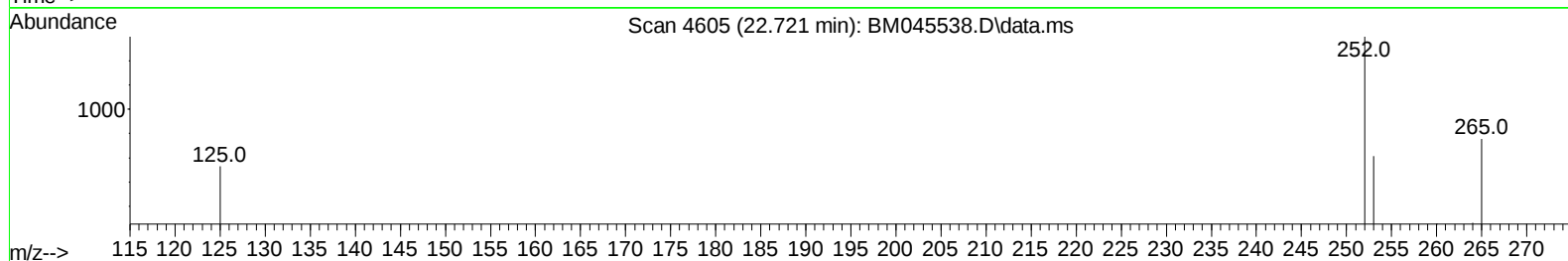
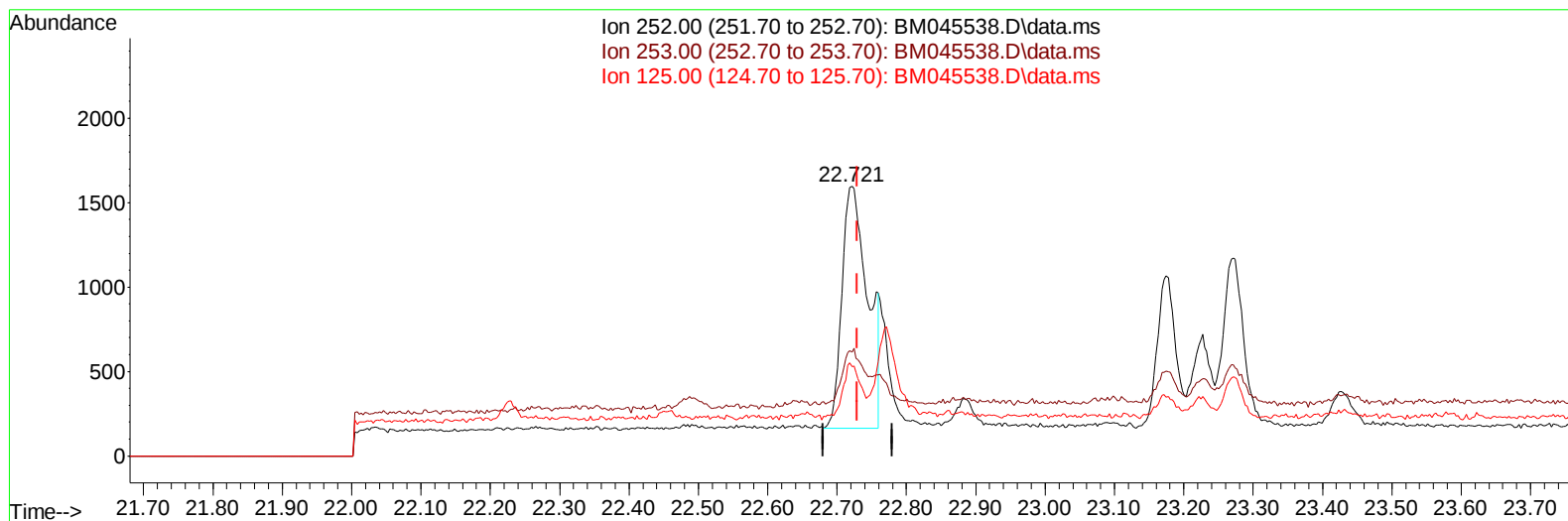
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TIC: BM045538.D\data.ms

(24) Benzo(b)fluoranthene

22.721min (-0.009) 0.25 ng/u1

response 3688

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	38.53
125.00	18.40	33.08
0.00	0.00	0.00

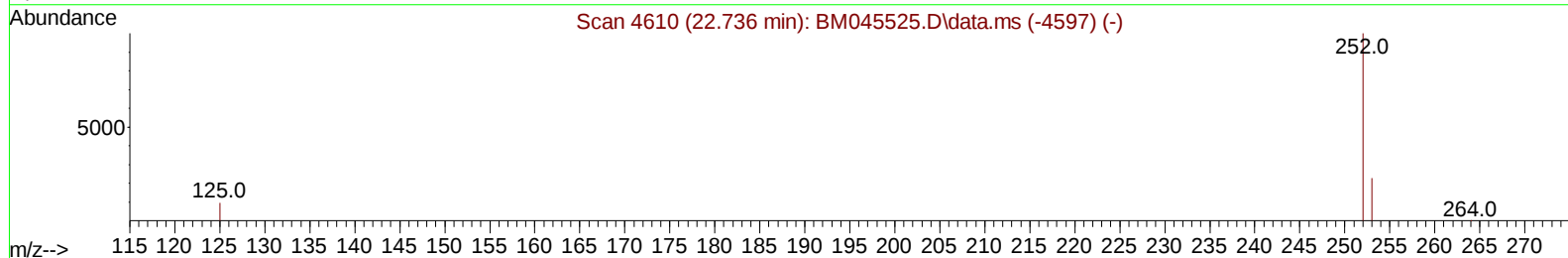
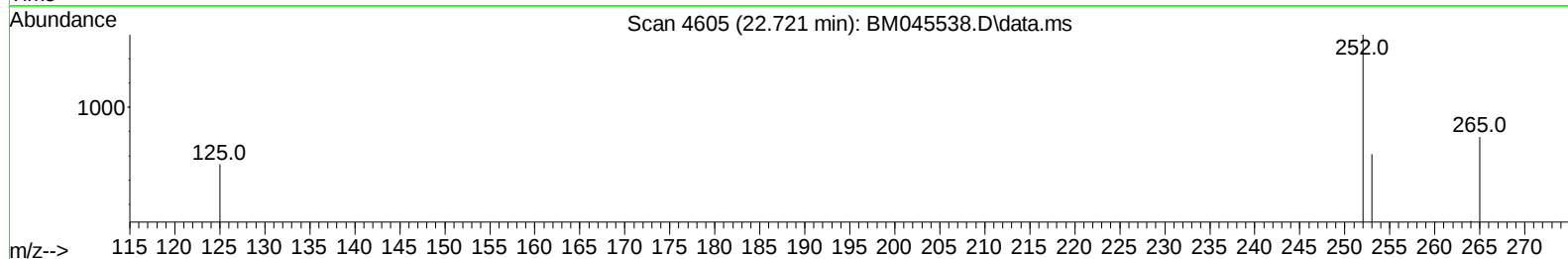
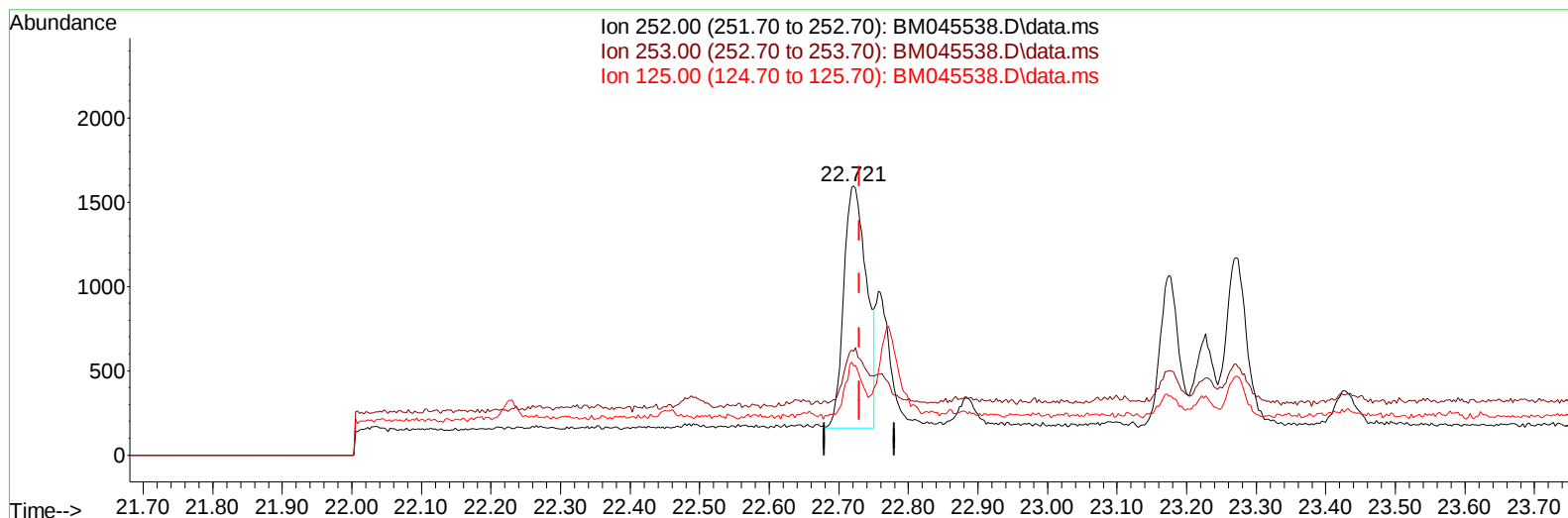
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045538.D
Acq On : 24 Apr 2024 21:56
Operator : MA/JU
Sample : P2164-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0SB1

Manual IntegrationsAPPROVED

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TIC: BM045538.D\data.ms

(24) Benzo(b)fluoranthene

22.721min (-0.009) 0.23 ng/u1 m

response 3289

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	38.53
125.00	18.40	33.08
0.00	0.00	0.00

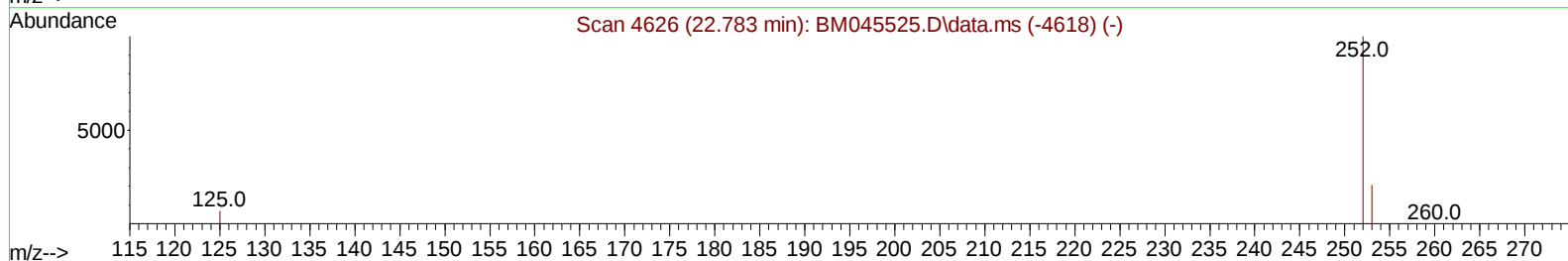
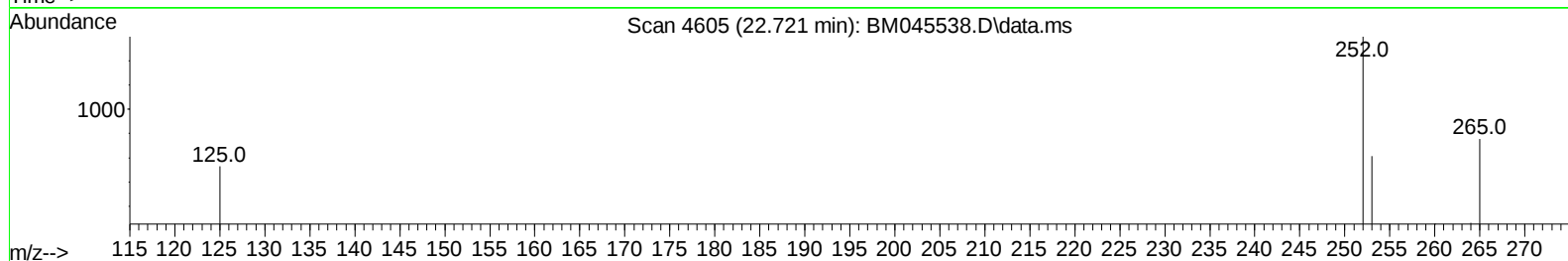
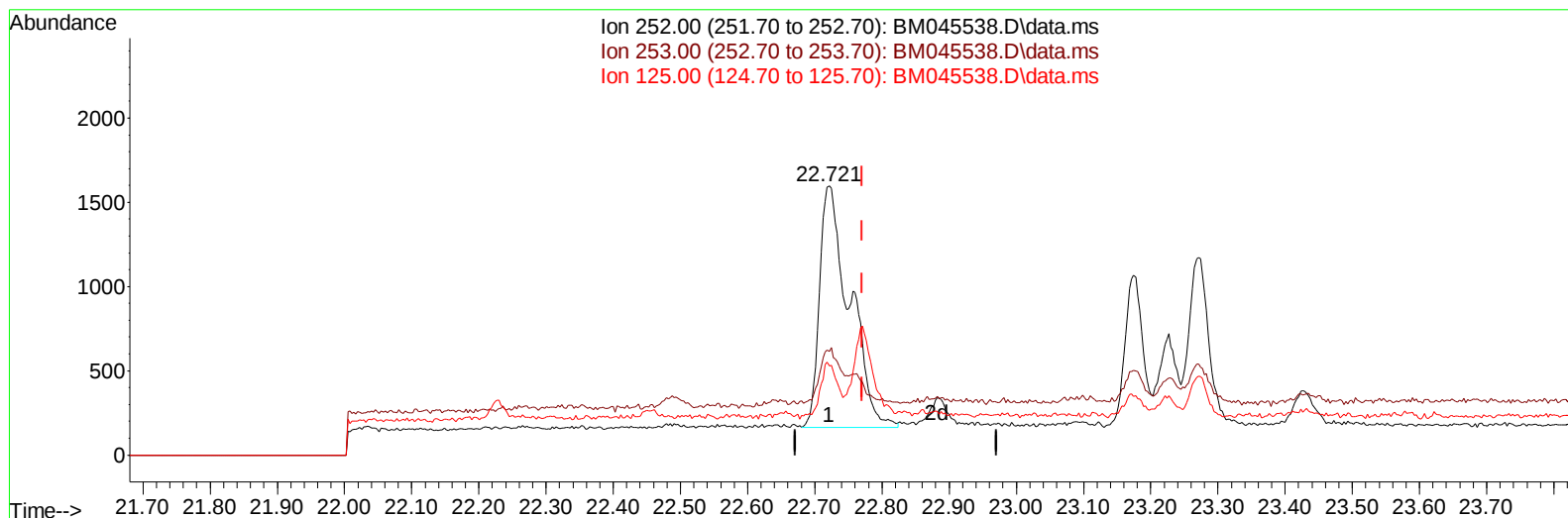
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Operator : MA/JU
Sample : P2164-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0SB1

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TIC: BM045538.D\data.ms

(25) Benzo(k)fluoranthene

22.721min (-0.050) 0.24 ng/u1

response 4458

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	38.53#
125.00	18.50	33.08#
0.00	0.00	0.00

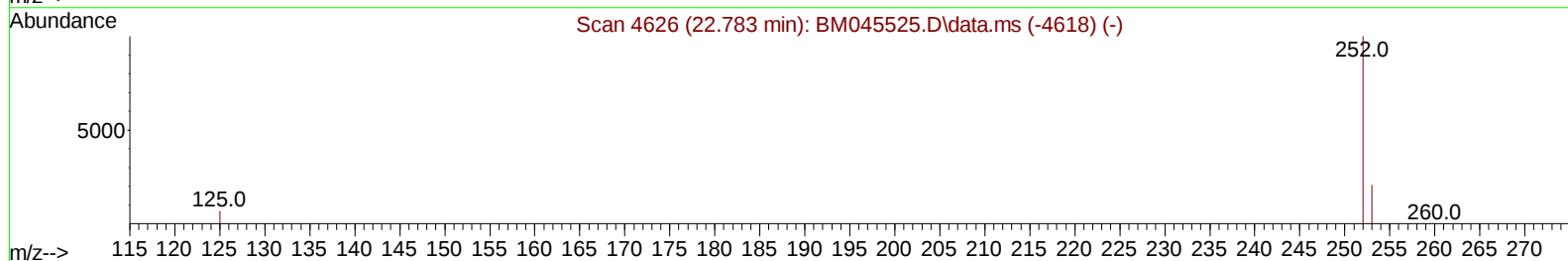
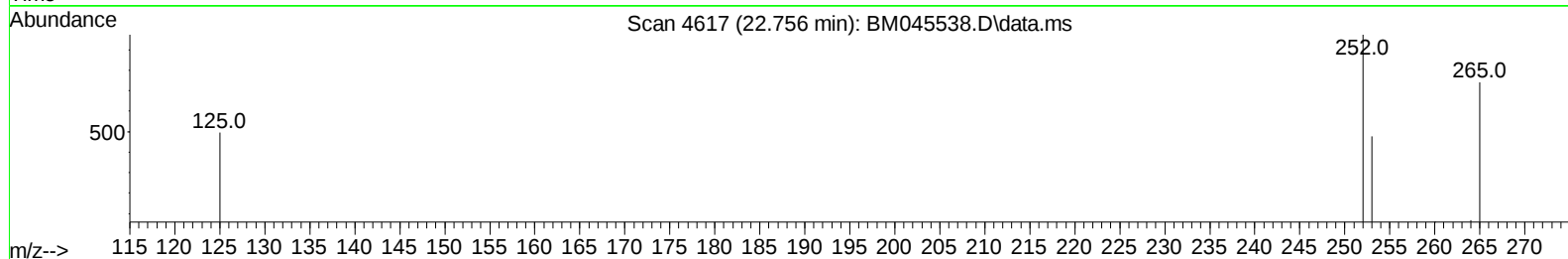
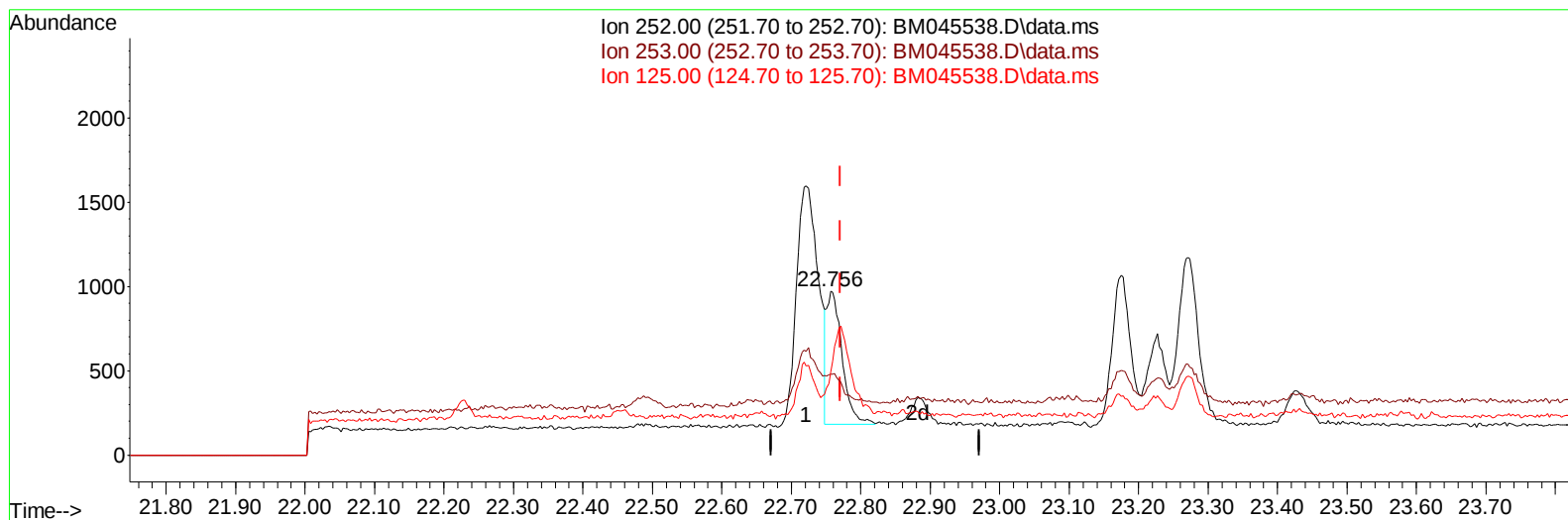
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045538.D
Acq On : 24 Apr 2024 21:56
Operator : MA/JU
Sample : P2164-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0SB1

Manual IntegrationsAPPROVED

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TIC: BM045538.D\data.ms

(25) Benzo(k)fluoranthene

22.756min (-0.014) 0.07 ng/ul m

response 1221

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	49.08#
125.00	18.50	50.82#
0.00	0.00	0.00

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 Acq On : 24 Apr 2024 21:56
 Operator : MA/JU
 Sample : P2164-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
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 C0SB1

Manual IntegrationsAPPROVED

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.551	152		1005	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.314	136		2949	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.200	164		1631	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.963	188		3534m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.190	240		2907	0.400	ng/ul	0.00
23) Perylene-d12	23.376	264		4320	0.400	ng/ul	# 0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.163	96		5097	3.784	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.931	152		1021	0.263	ng/ul	0.00
18) Fluoranthene-d10	19.006	212		2243	0.245	ng/ul	-0.01
Target Compounds							
						Qvalue	
5) Naphthalene	10.364	128		194	0.024	ng/ul#	51
7) 2-Methylnaphthalene	12.008	142		176	0.039	ng/ul	99
8) 1-Methylnaphthalene	12.222	142		131	0.026	ng/ul	100
15) Phenanthrene	17.005	178		1601	0.156	ng/ul	98
19) Fluoranthene	19.038	202		3926	0.293	ng/ul	94
20) Pyrene	19.401	202		3851m	0.279	ng/ul	
21) Benzo(a)anthracene	21.179	228		1515	0.163	ng/ul	95
22) Chrysene	21.228	228		2078	0.145	ng/ul	96
24) Benzo(b)fluoranthene	22.721	252		3289m	0.226	ng/ul	
25) Benzo(k)fluoranthene	22.756	252		1221m	0.067	ng/ul	
26) Benzo(a)pyrene	23.271	252		2044	0.136	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	25.578	276		1810	0.083	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.592	278		412	0.024	ng/ul#	4
29) Benzo(g,h,i)perylene	26.249	276		1667	0.085	ng/ul#	84

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

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