

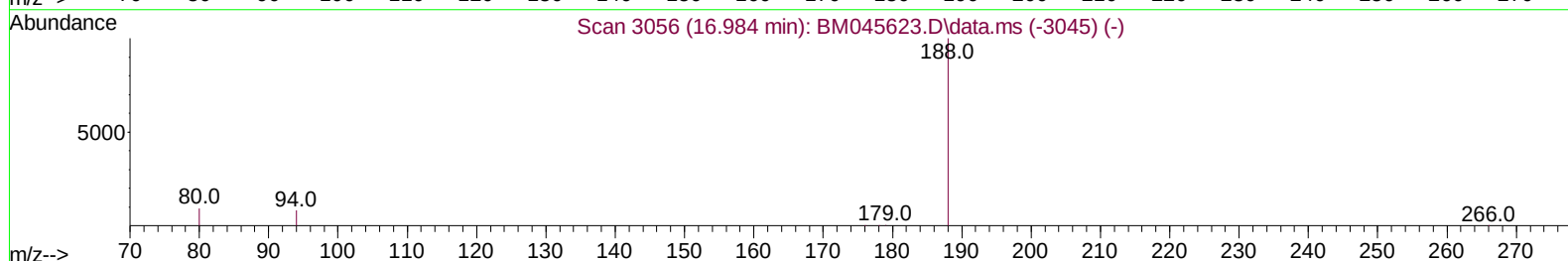
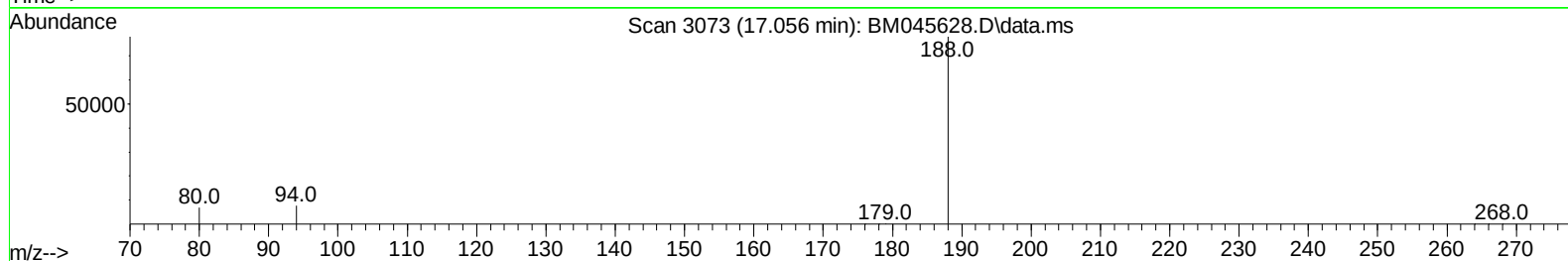
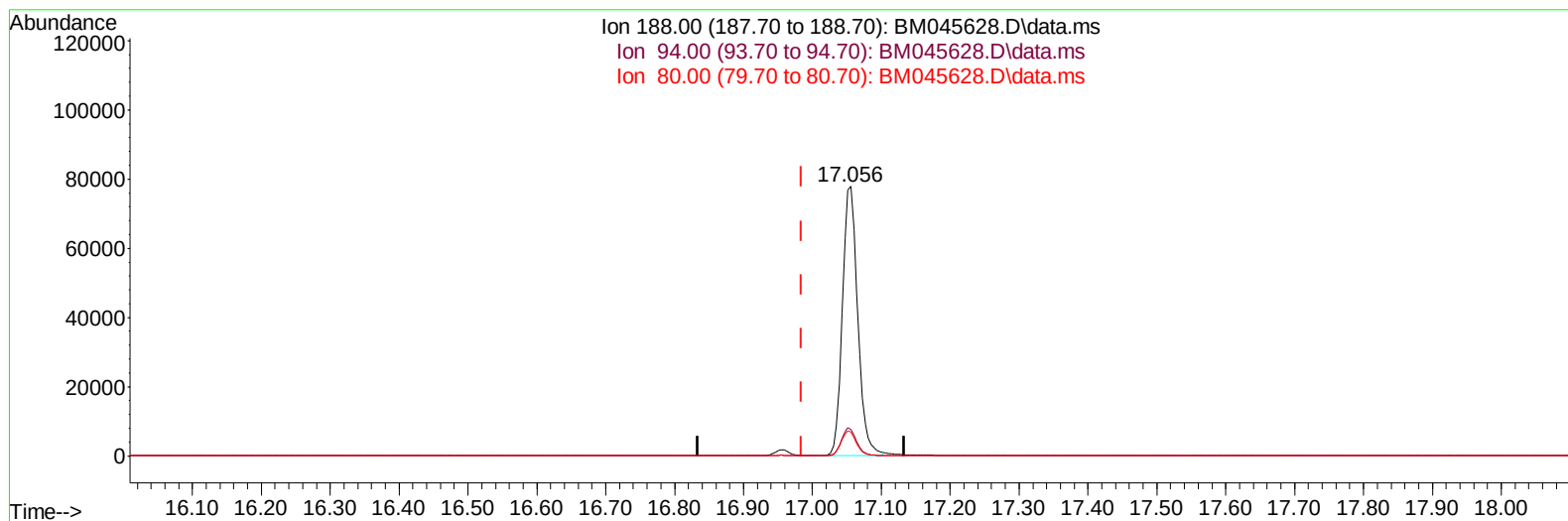
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042924\
Data File : BM045628.D
Acq On : 29 Apr 2024 20:50
Operator : MA/JU
Sample : P2105-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB2

Manual IntegrationsAPPROVED

Quant Time: Apr 30 01:18:47 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 : Tue Apr 30 01:16:44 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 05/02/2024
Supervised By :mohammad ahmed 05/02/2024



TIC: BM045628.D\data.ms

(13) Phenanthrene-d10 (I)

17.056min (+ 0.072) 0.40 ng/u1

response 119987

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.80	9.88#
80.00	14.80	8.87#
0.00	0.00	0.00

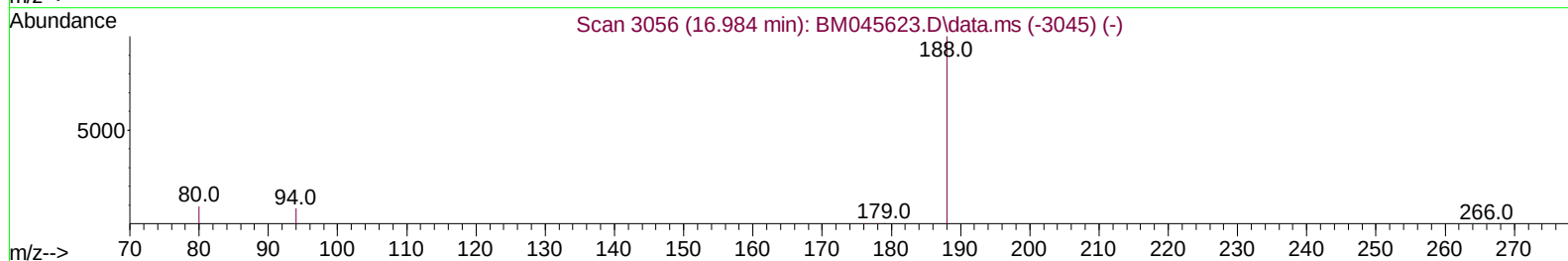
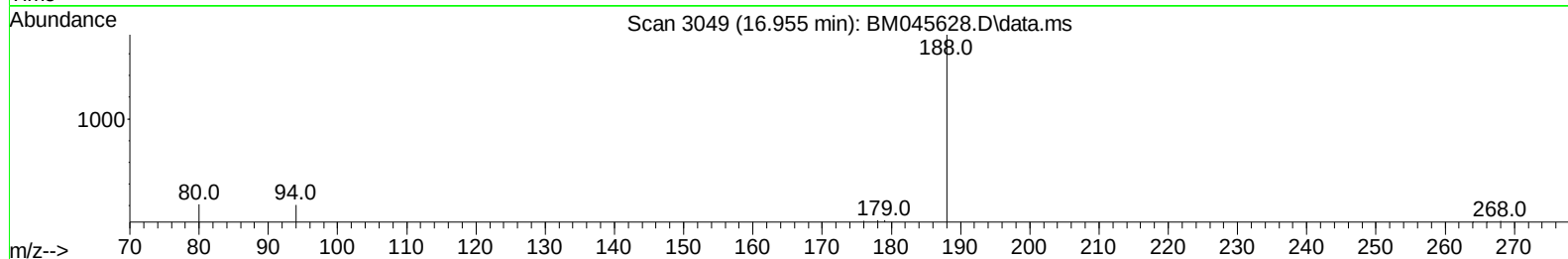
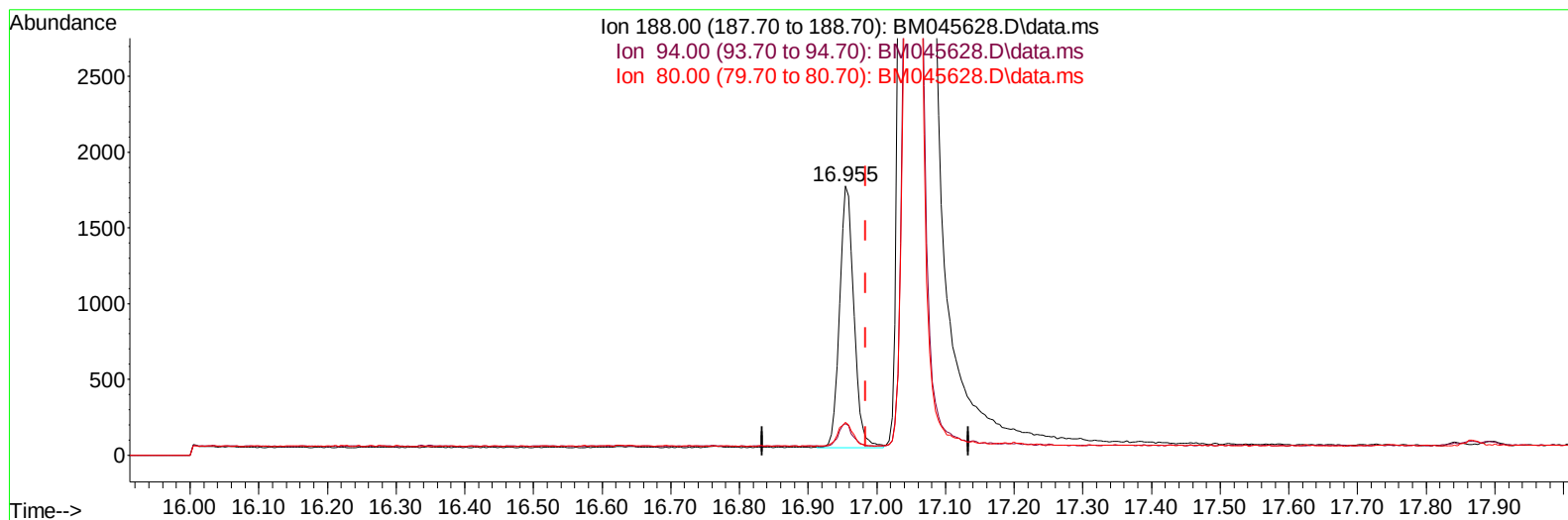
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TIC: BM045628.D\data.ms

(13) Phenanthrene-d10 (I)

16.955min (-0.030) 0.40 ng/ul m

response 2500

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.80	11.71#
80.00	14.80	12.16
0.00	0.00	0.00

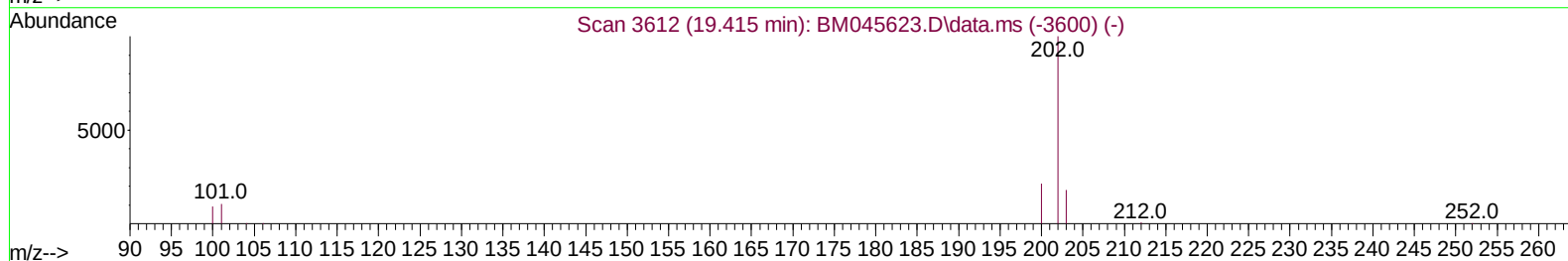
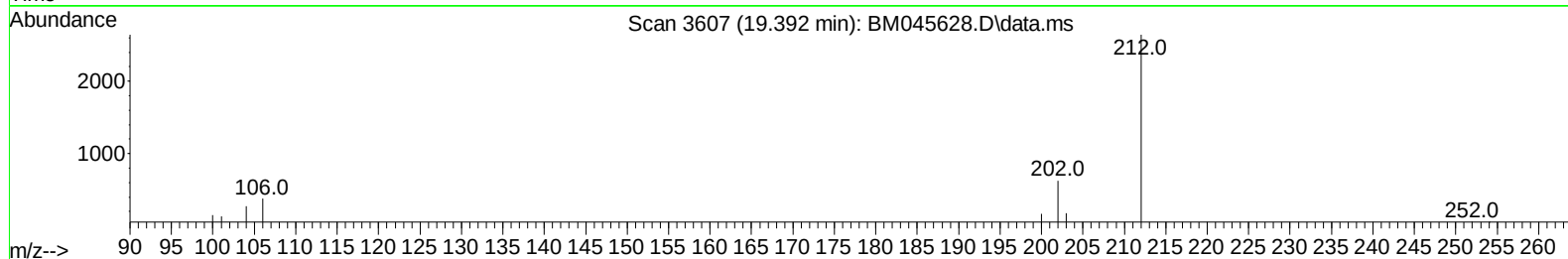
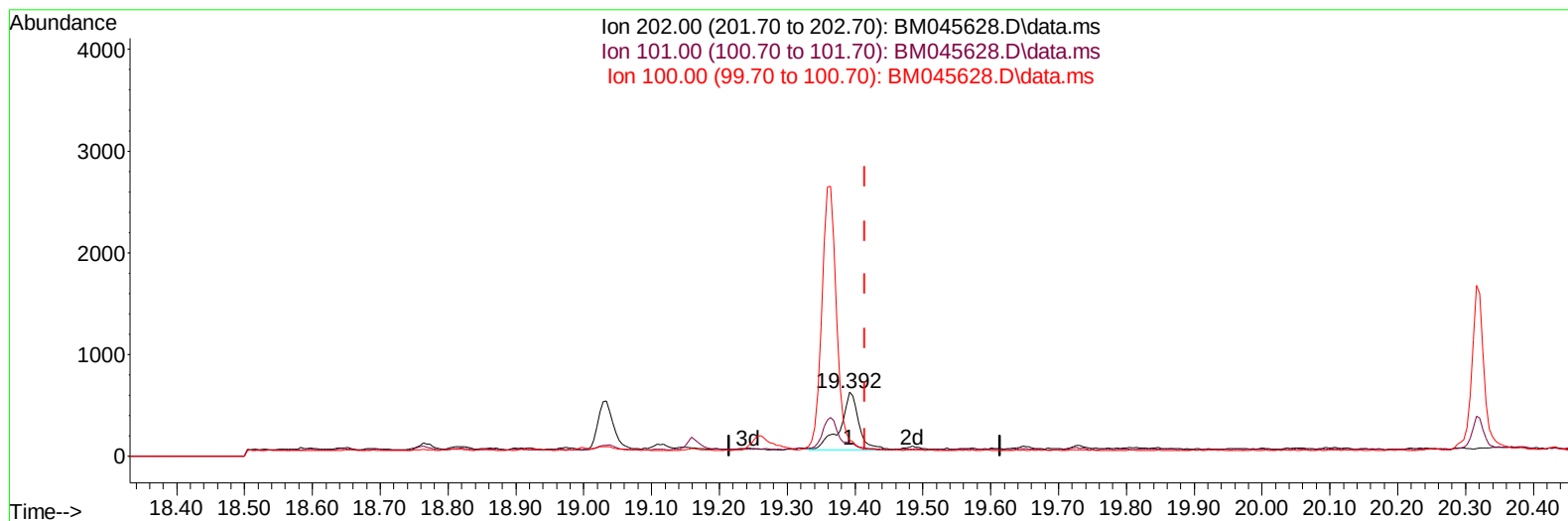
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TIC: BM045628.D\data.ms

(20) Pyrene

19.392min (-0.023) 0.11 ng/u1

response 1100

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.40	20.86#
100.00	13.20	24.84#
0.00	0.00	0.00

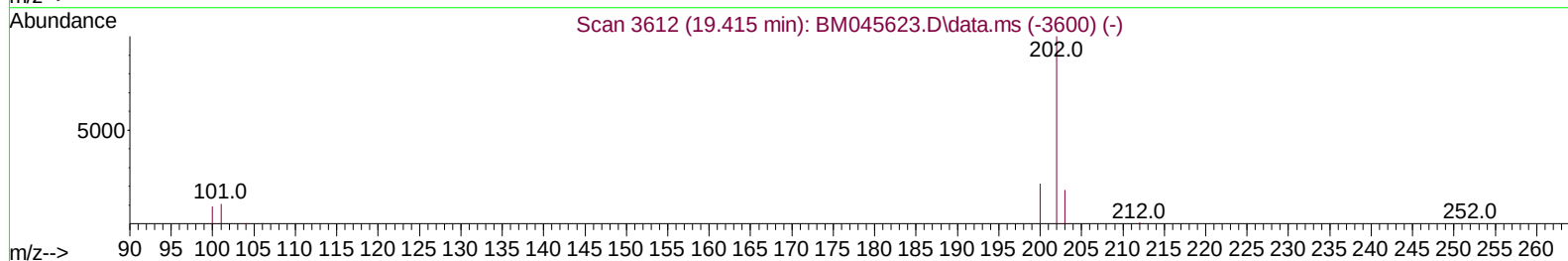
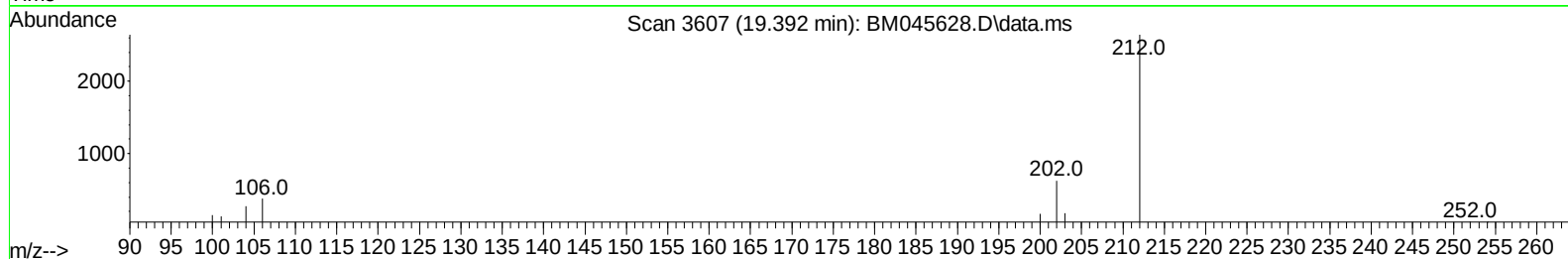
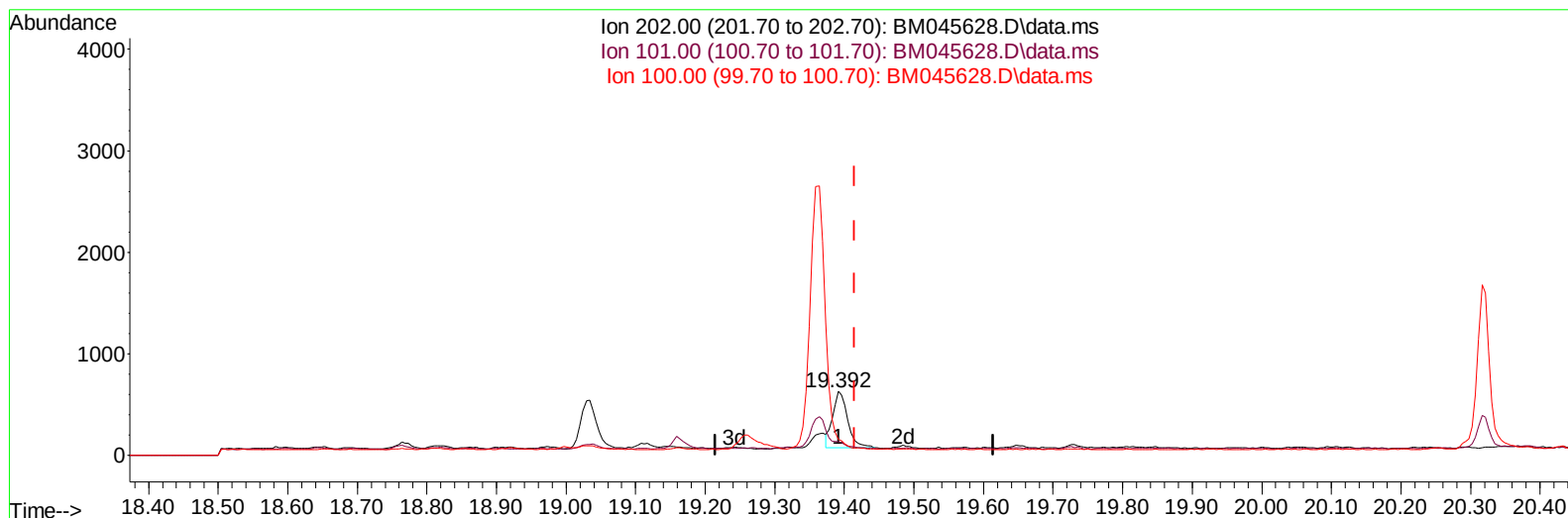
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TIC: BM045628.D\data.ms

(20) Pyrene

19.392min (-0.023) 0.09 ng/ul m

response 829

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.40	20.86#
100.00	13.20	24.84#
0.00	0.00	0.00

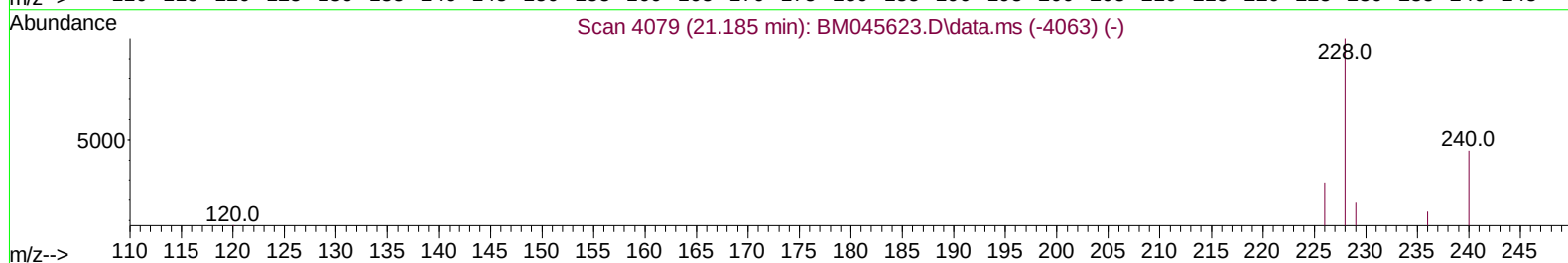
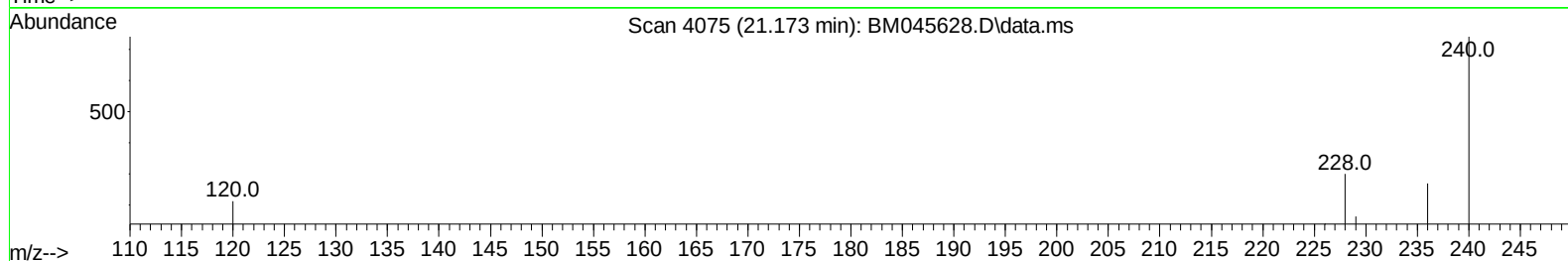
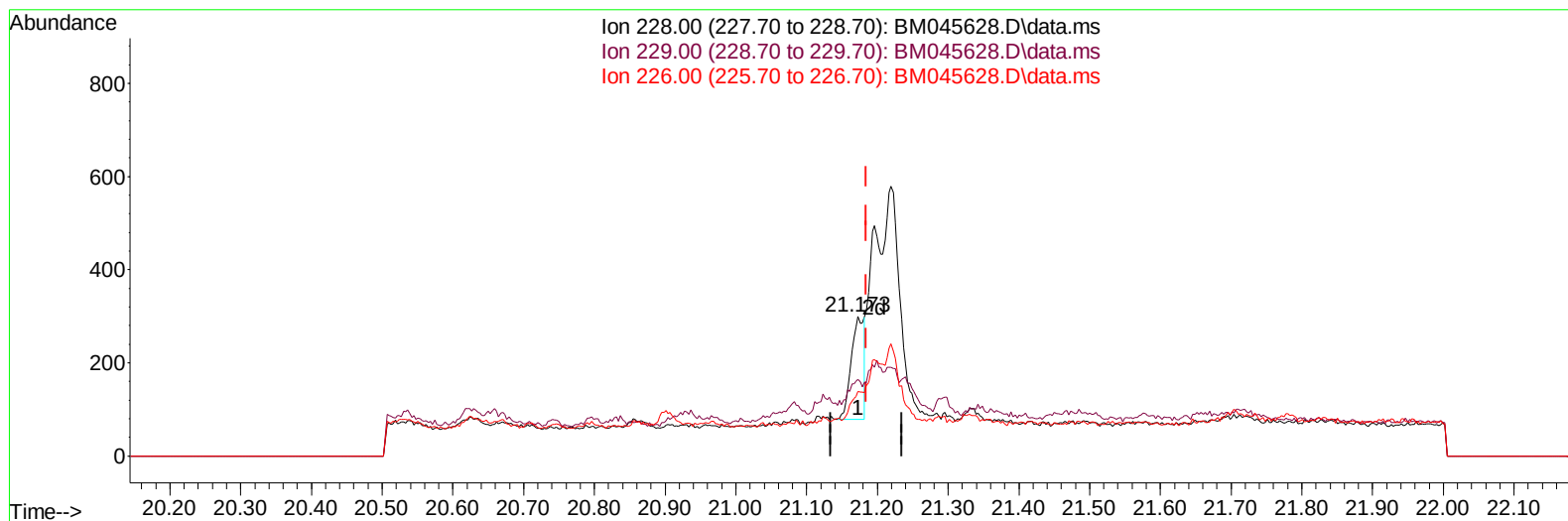
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TIC: BM045628.D\data.ms

(21) Benzo(a)anthracene

21.173min (-0.012) 0.04 ng/u1

response 282

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	24.30	54.67#
226.00	32.90	46.33#
0.00	0.00	0.00

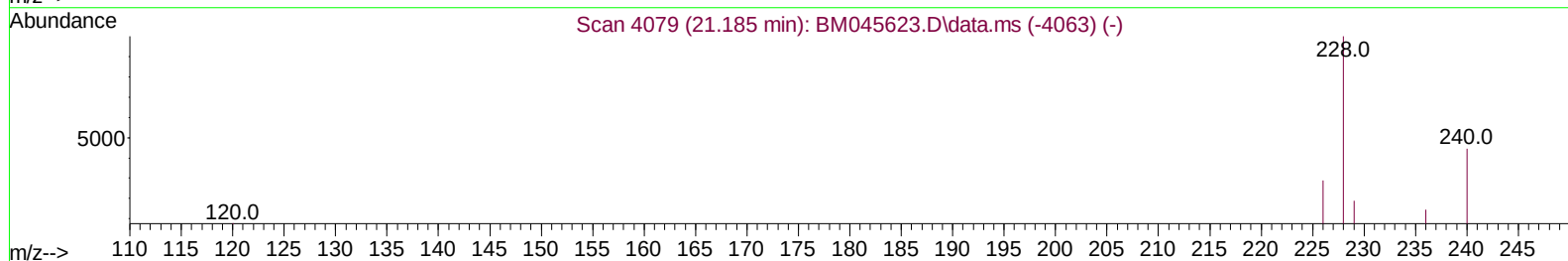
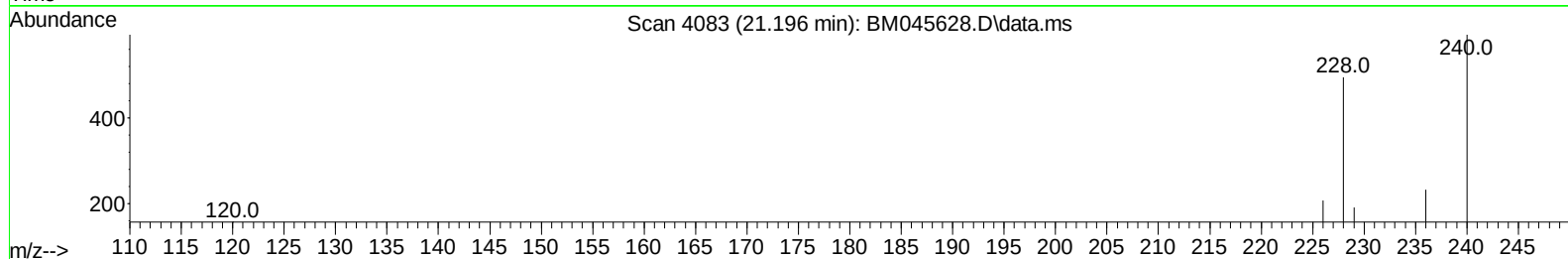
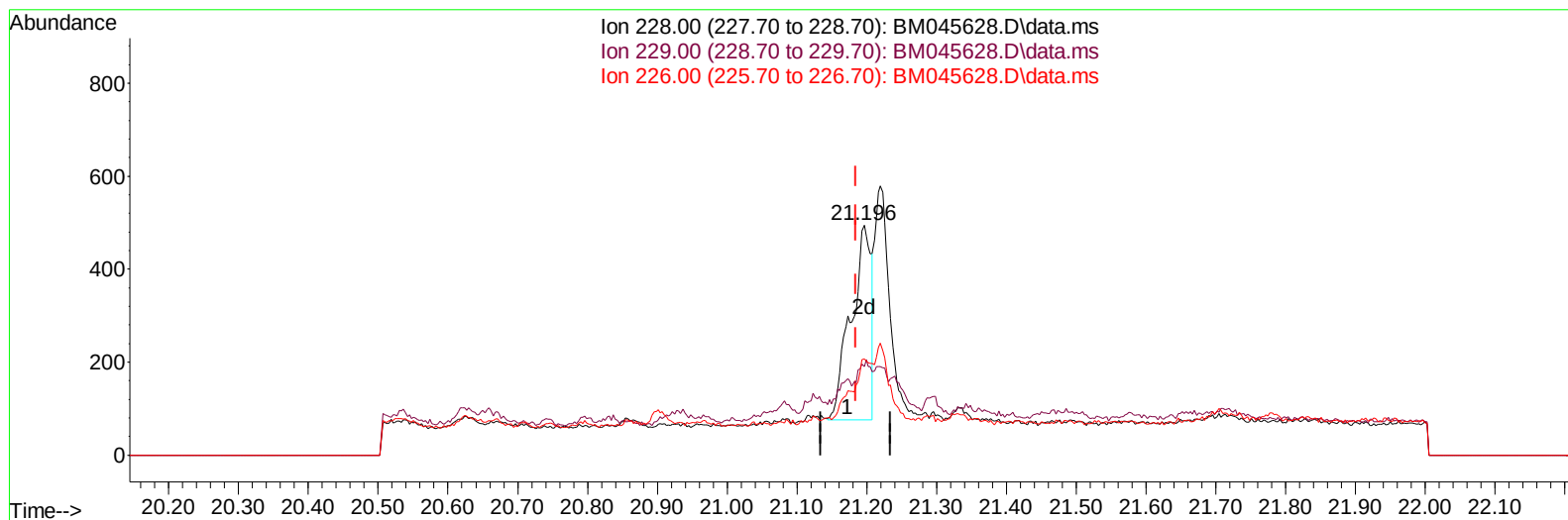
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042924\
Data File : BM045628.D
Acq On : 29 Apr 2024 20:50
Operator : MA/JU
Sample : P2105-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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TIC: BM045628.D\data.ms

(21) Benzo(a)anthracene

21.196min (+ 0.012) 0.13 ng/ul m

response 840

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	24.30	38.59#
226.00	32.90	41.82#
0.00	0.00	0.00

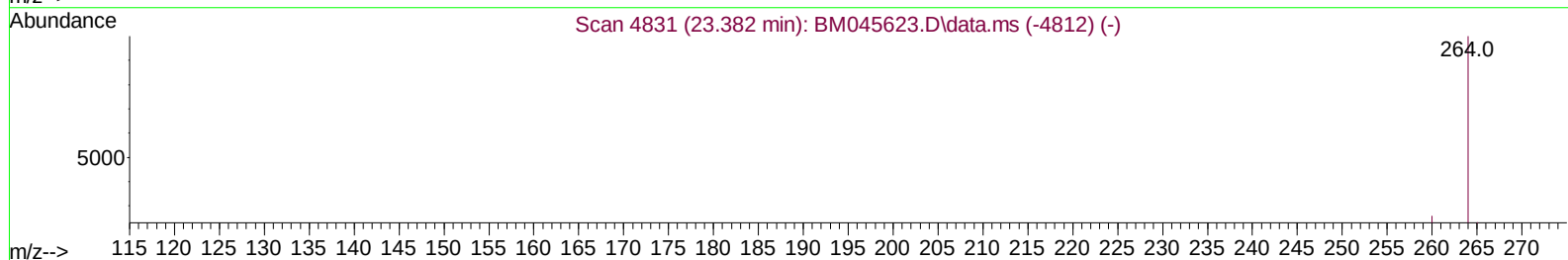
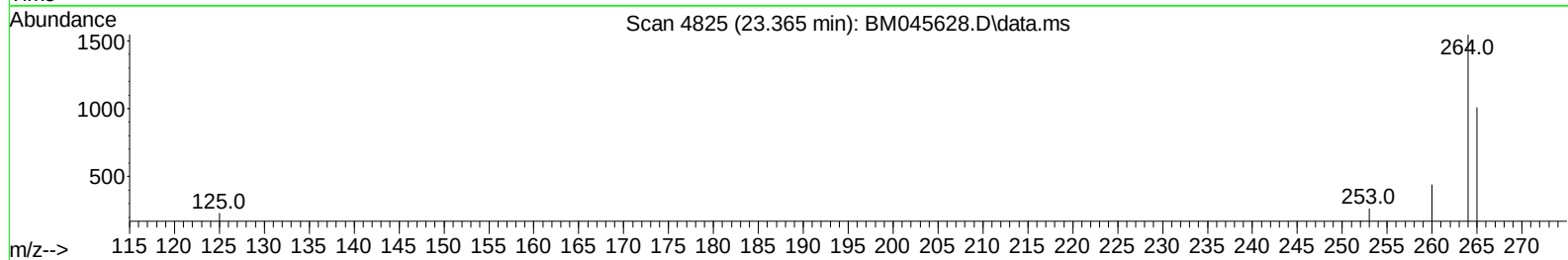
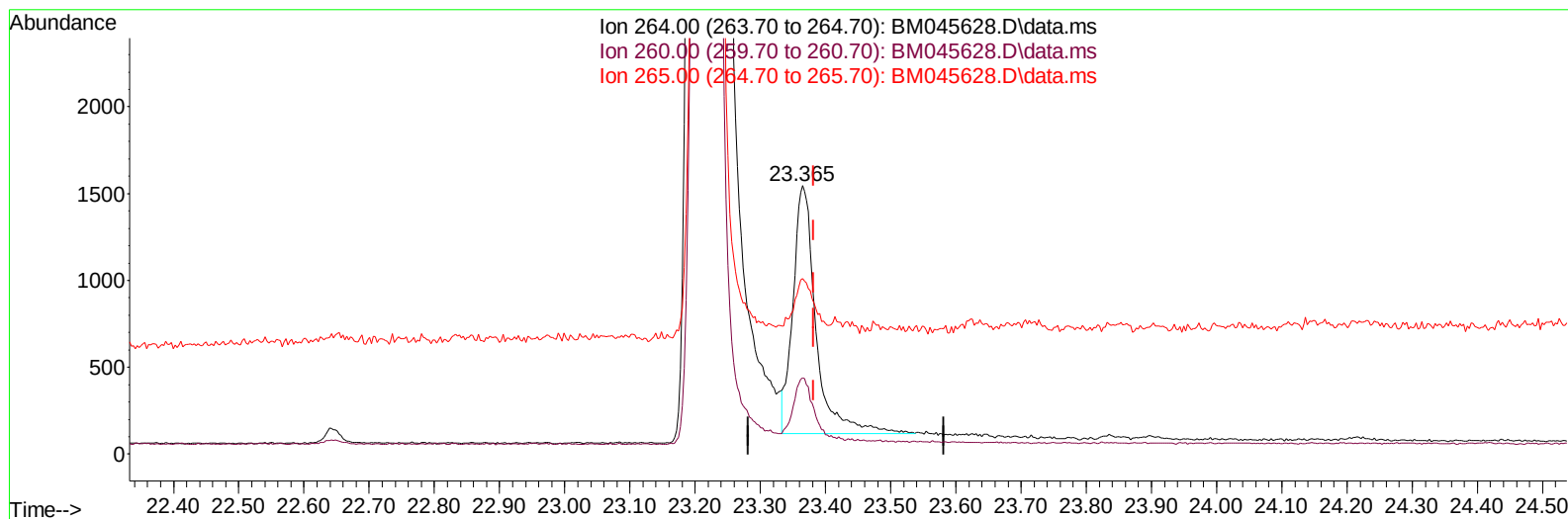
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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TIC: BM045628.D\data.ms

(23) Perylene-d12 (I)

23.365min (-0.018) 0.40 ng/u1

response 3545

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	30.50	28.48
265.00	86.70	65.37#
0.00	0.00	0.00

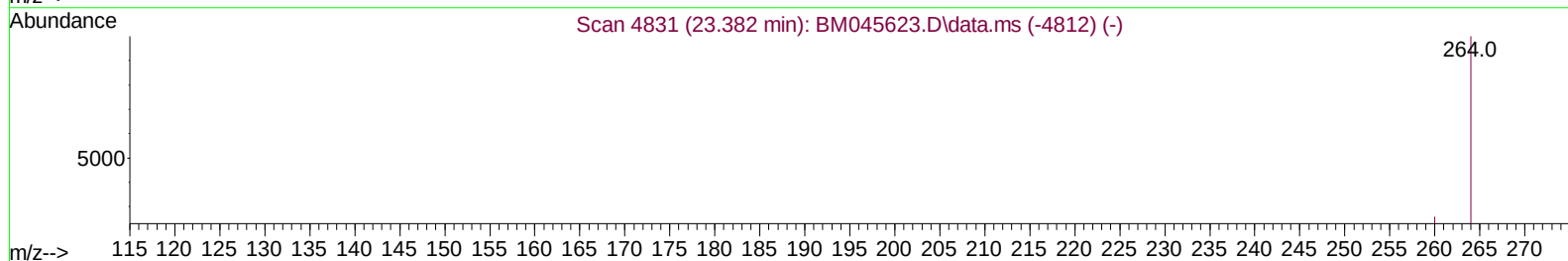
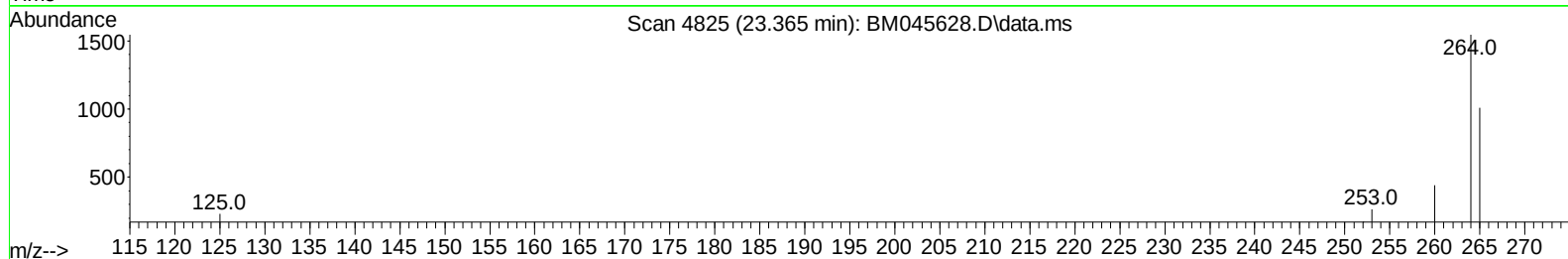
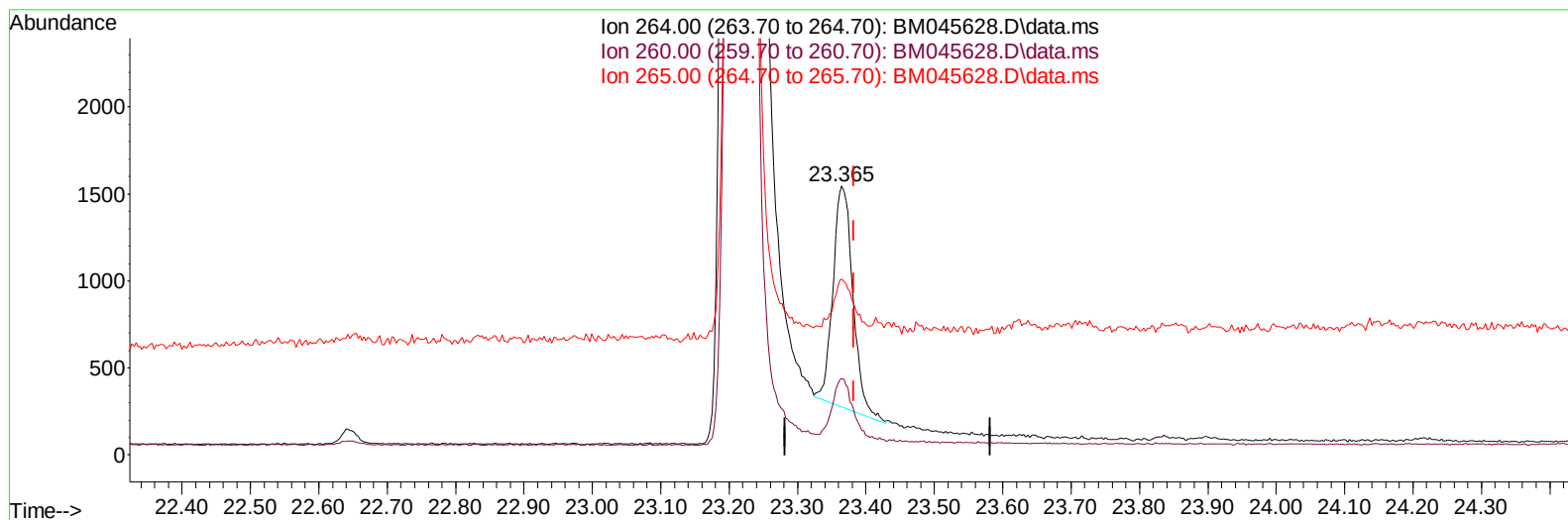
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042924\
Data File : BM045628.D
Acq On : 29 Apr 2024 20:50
Operator : MA/JU
Sample : P2105-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB2

Manual IntegrationsAPPROVED

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TIC: BM045628.D\data.ms

(23) Perylene-d12 (I)

23.365min (-0.018) 0.40 ng/ul m

response 2560

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	30.50	28.48
265.00	86.70	65.37#
0.00	0.00	0.00

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 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.543	152		988	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.303	136		2818	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.191	164		1439	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.955	188		2500m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.182	240		2017	0.400	ng/ul	-0.01
23) Perylene-d12	23.365	264		2560m	0.400	ng/ul	-0.02
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.159	96		4252	3.211	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.914	152		918	0.247	ng/ul	-0.02
18) Fluoranthene-d10	19.001	212		1384	0.218	ng/ul	-0.02
Target Compounds							Qvalue
5) Naphthalene	10.353	128		353	0.047	ng/ul#	64
7) 2-Methylnaphthalene	11.997	142		957	0.221	ng/ul	96
8) 1-Methylnaphthalene	12.211	142		534	0.110	ng/ul	90
12) Fluorene	15.260	166		319	0.057	ng/ul#	87
15) Phenanthrene	16.997	178		3131	0.430	ng/ul	98
19) Fluoranthene	19.034	202		777	0.083	ng/ul#	87
20) Pyrene	19.392	202		829m	0.087	ng/ul	
21) Benzo(a)anthracene	21.196	228		840m	0.130	ng/ul	
22) Chrysene	21.220	228		712	0.072	ng/ul#	82
24) Benzo(b)fluoranthene	22.707	252		1164	0.135	ng/ul#	54
27) Indeno(1,2,3-cd)pyrene	25.572	276		442	0.034	ng/ul#	53
29) Benzo(g,h,i)perylene	26.239	276		672	0.058	ng/ul#	60

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

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