

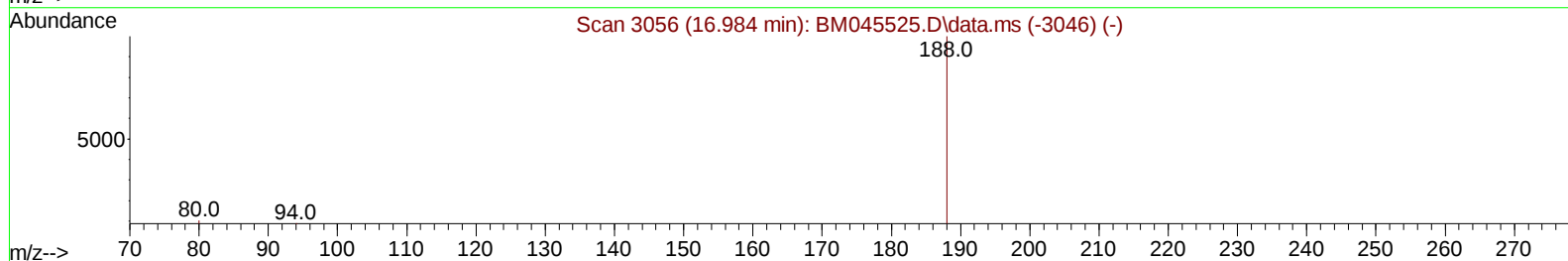
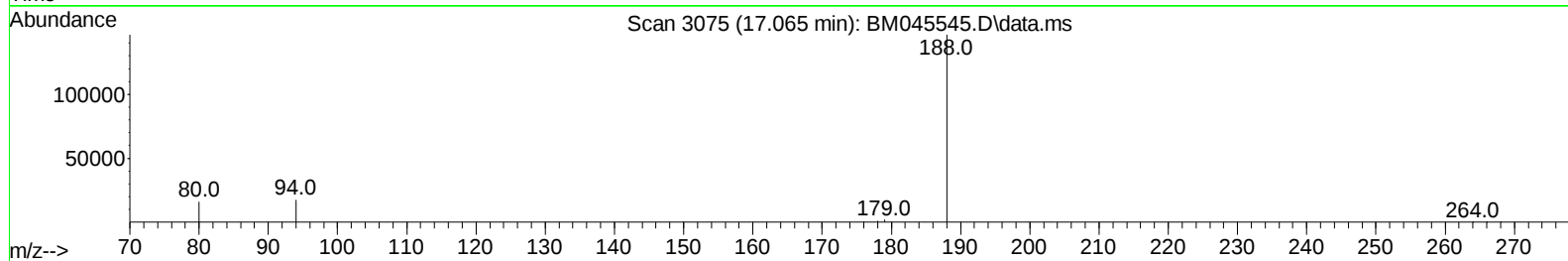
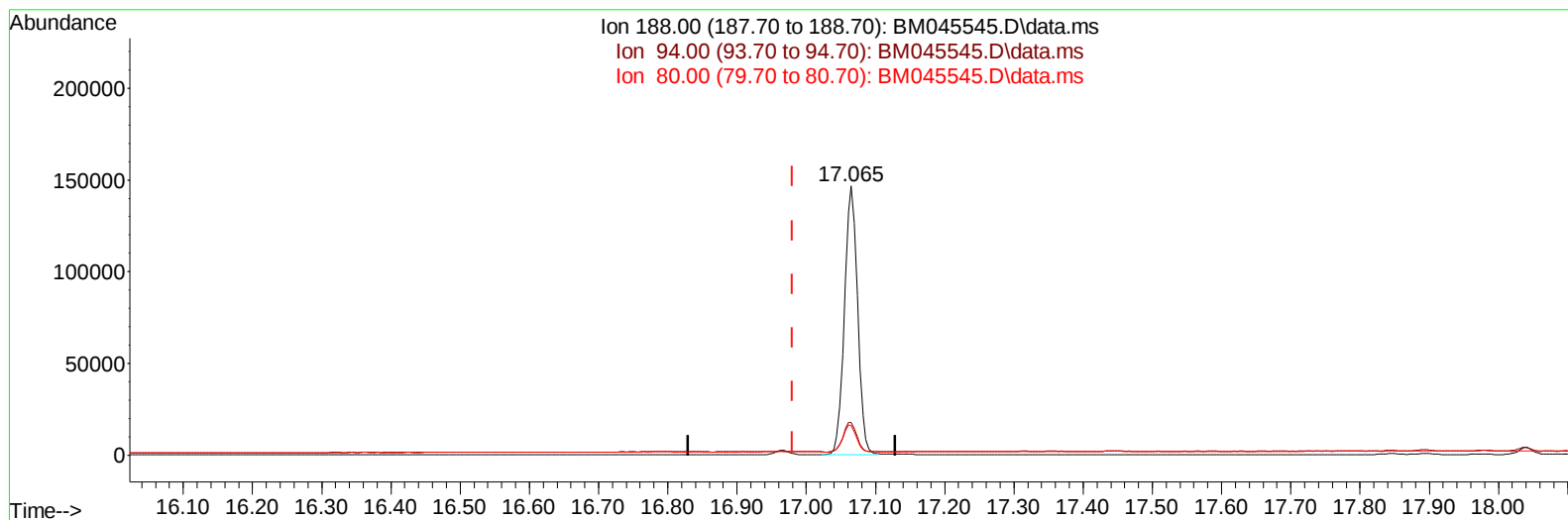
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045545.D
Acq On : 25 Apr 2024 02:15
Operator : MA/JU
Sample : P2104-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AA8

Manual IntegrationsAPPROVED

Quant Time: Apr 25 02:47:34 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: BM045545.D\data.ms

(13) Phenanthrene-d10 (I)

17.065min (+ 0.085) 0.40 ng/u1

response 193515

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.80	12.09
80.00	14.80	10.93#
0.00	0.00	0.00

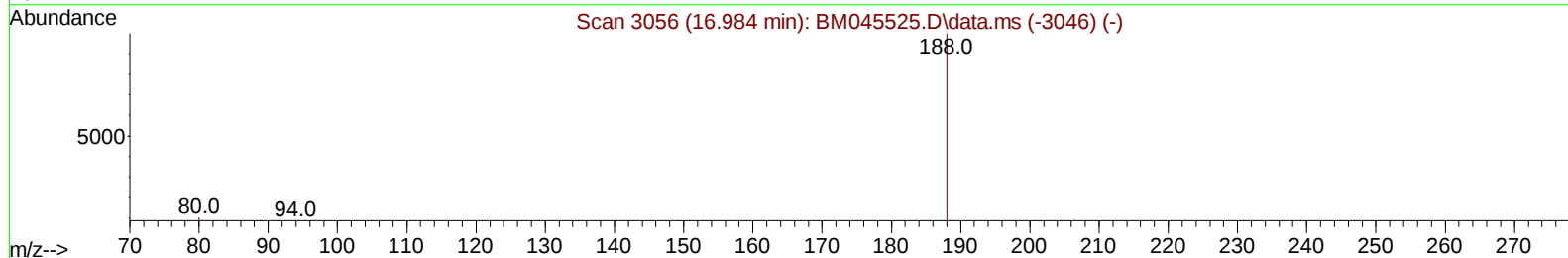
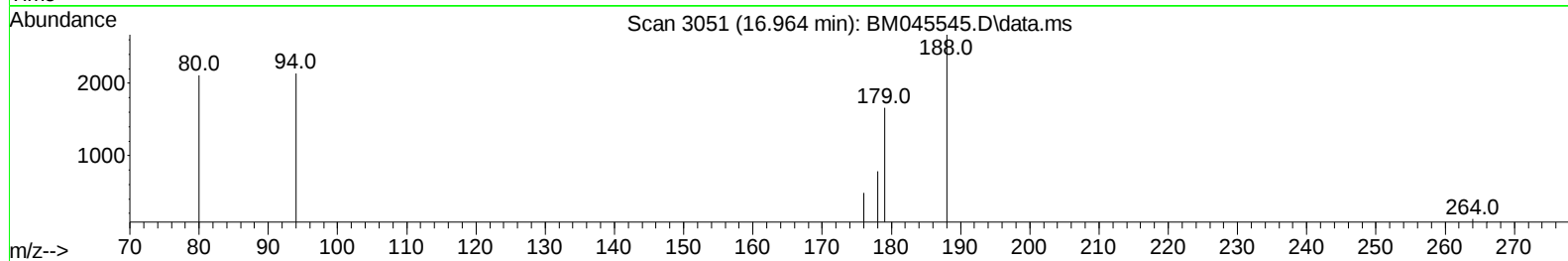
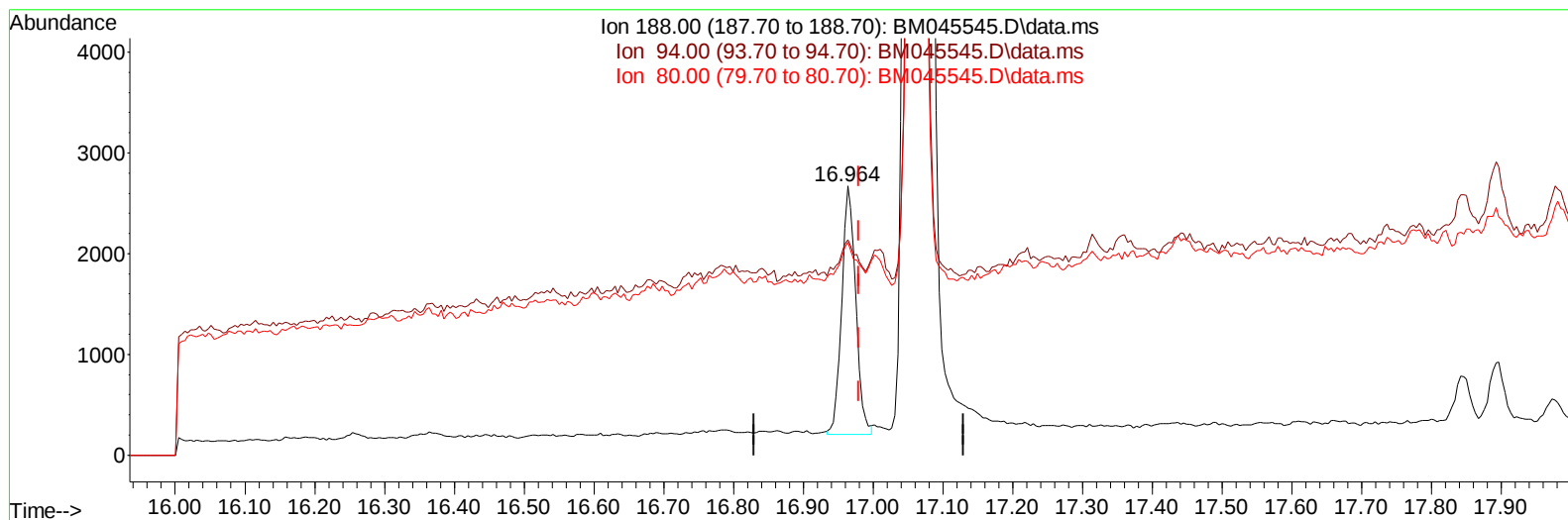
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TIC: BM045545.D\data.ms

(13) Phenanthrene-d10 (I)

16.964min (-0.016) 0.40 ng/u1 m

response 3466

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.80	80.11#
80.00	14.80	79.10#
0.00	0.00	0.00

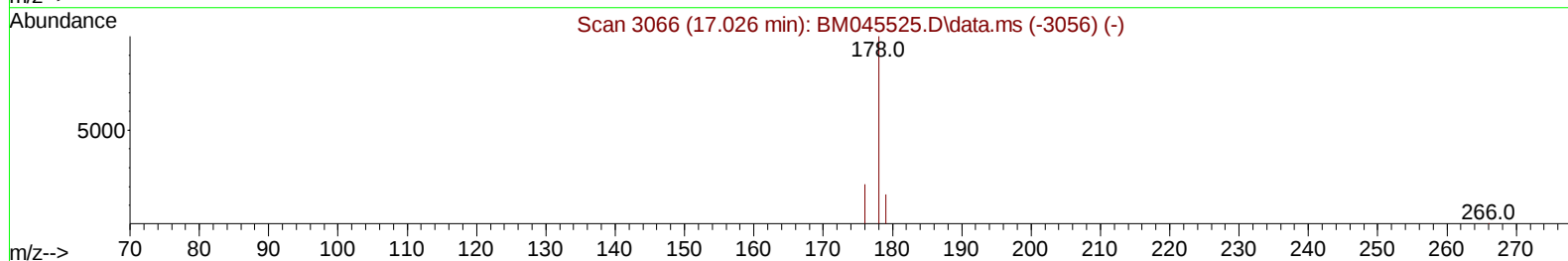
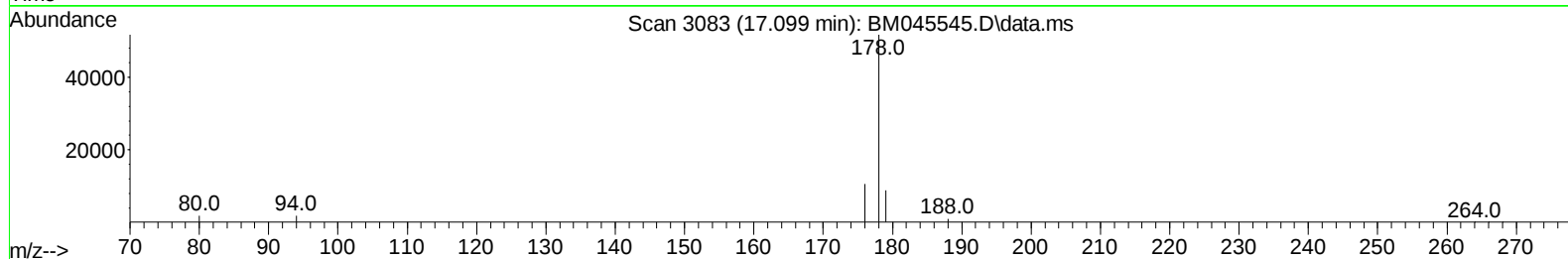
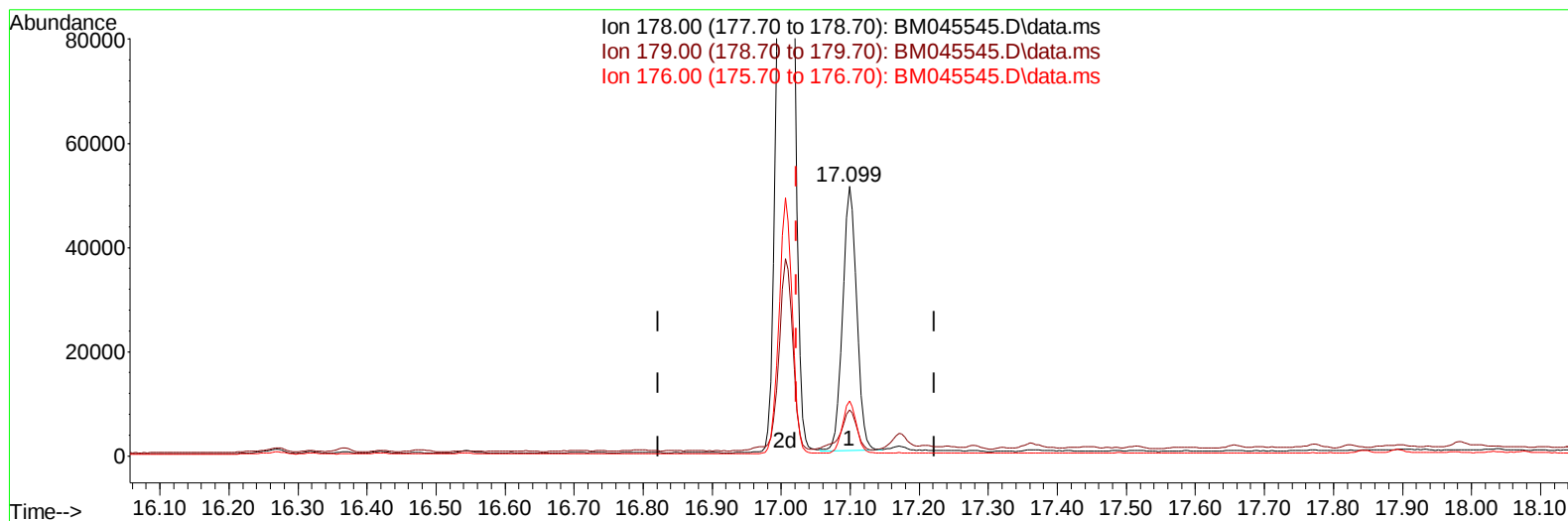
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TIC: BM045545.D\data.ms

(15) Phenanthrene

17.099min (+ 0.077) 7.04 ng/u1

response 71079

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	19.30	17.21
176.00	23.70	20.38
0.00	0.00	0.00

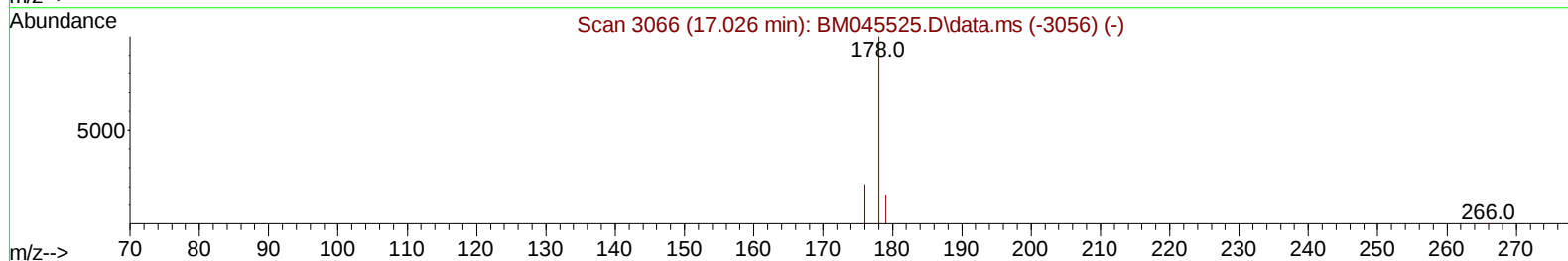
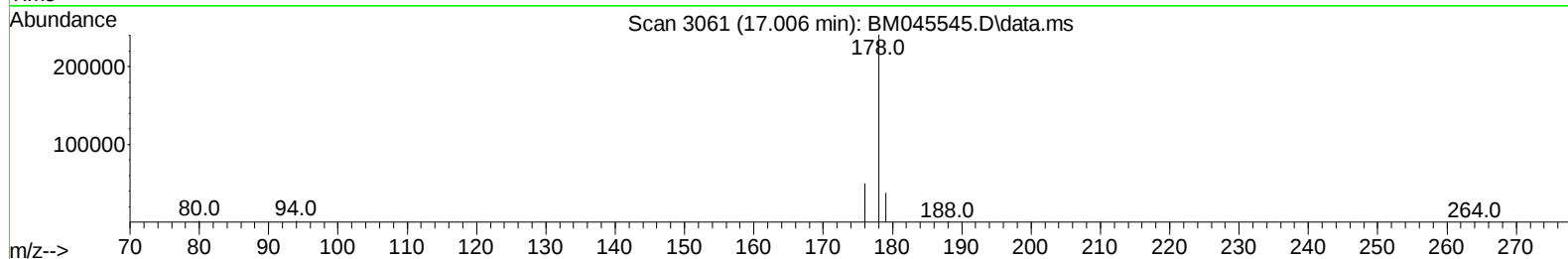
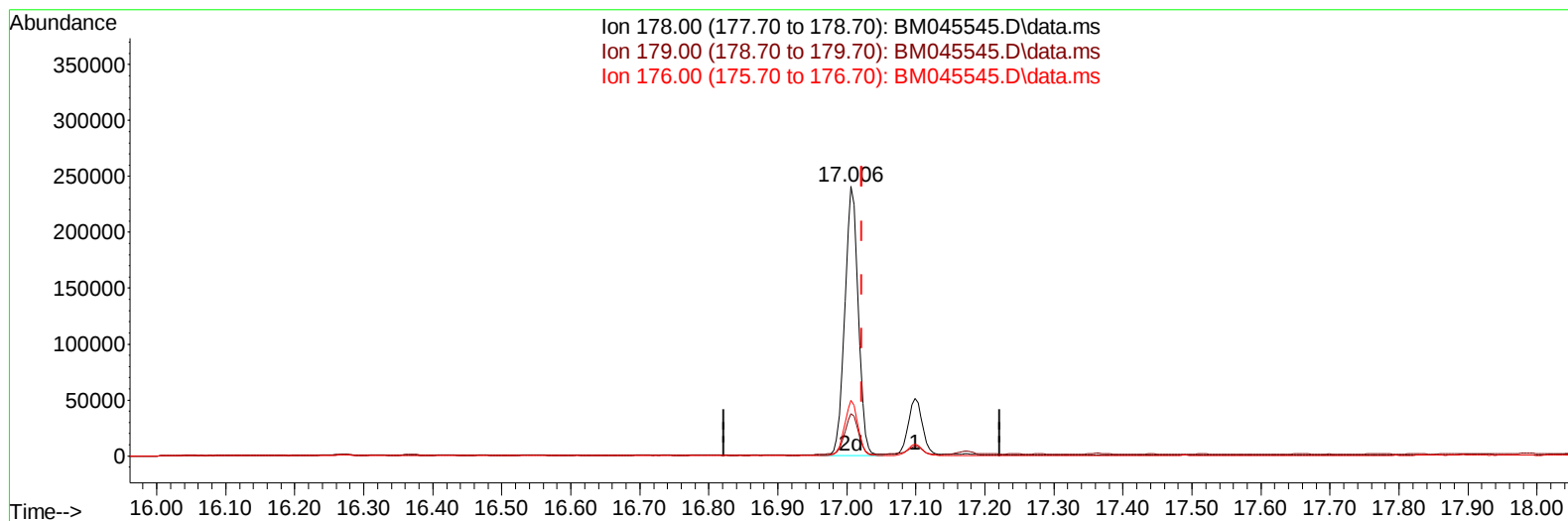
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TIC: BM045545.D\data.ms

(15) Phenanthrene

17.006min (-0.016) 32.18 ng/ul m

response 324844

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	19.30	15.74
176.00	23.70	20.58
0.00	0.00	0.00

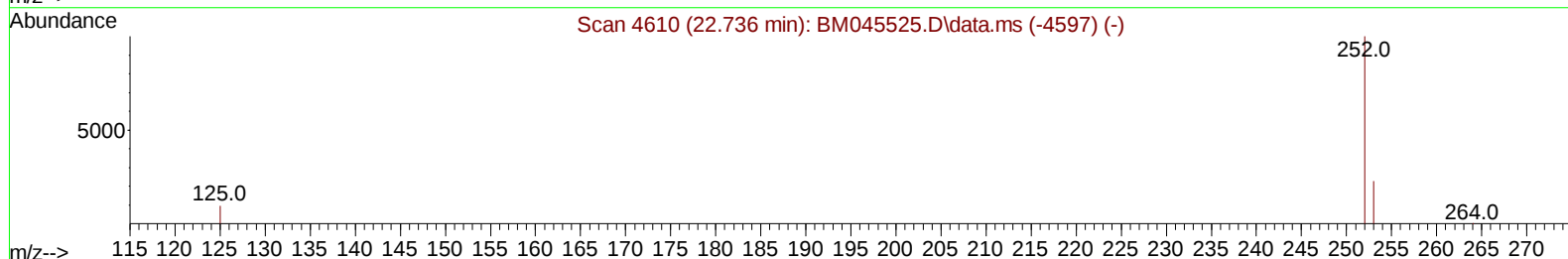
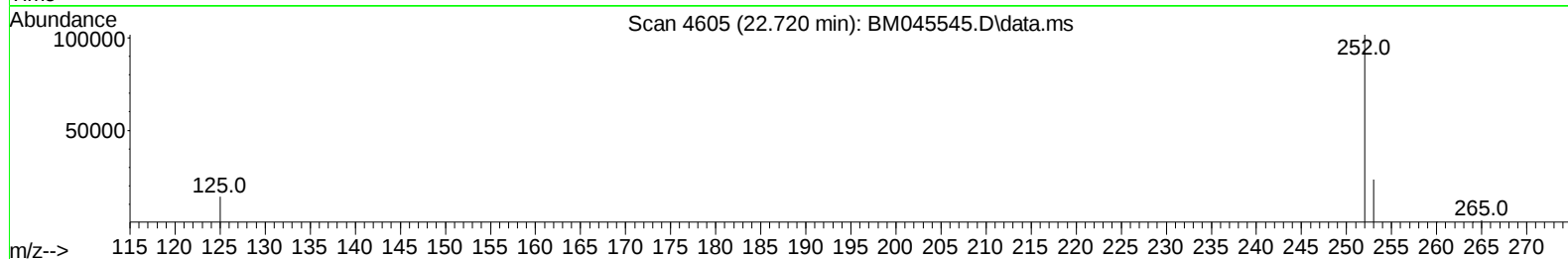
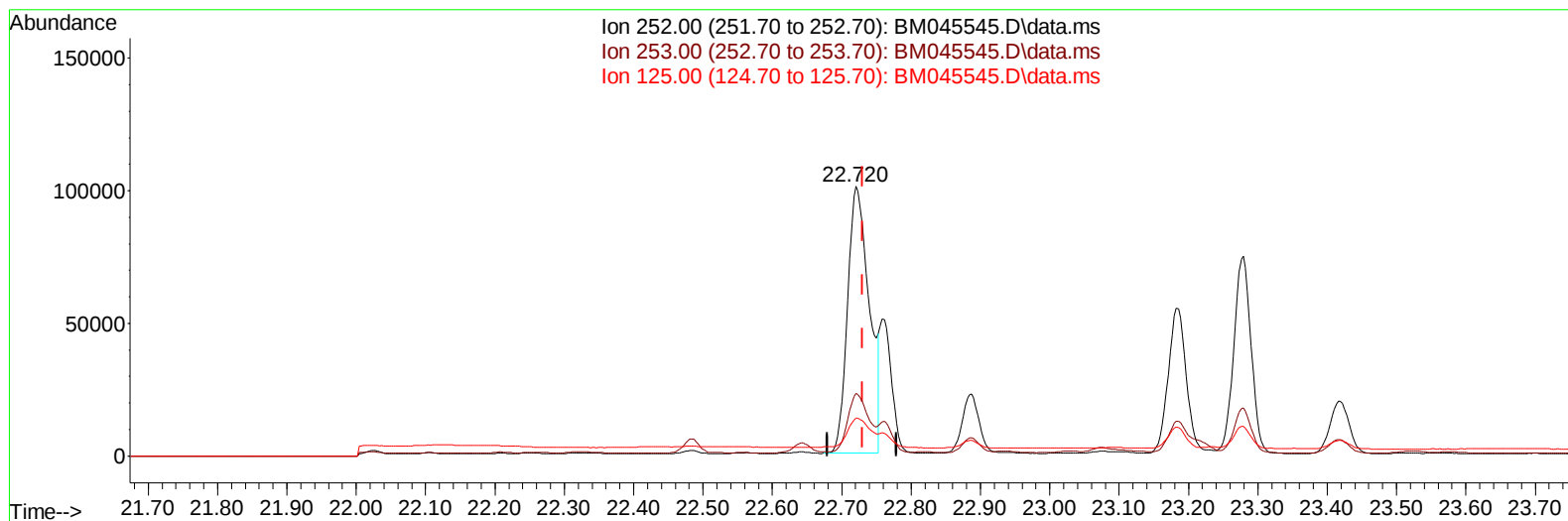
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ALS Vial : 23 Sample Multiplier: 1

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TIC: BM045545.D\data.ms

(24) Benzo(b)fluoranthene

22.720min (-0.010) 16.24 ng/u1

response 219174

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	23.17
125.00	18.40	13.97
0.00	0.00	0.00

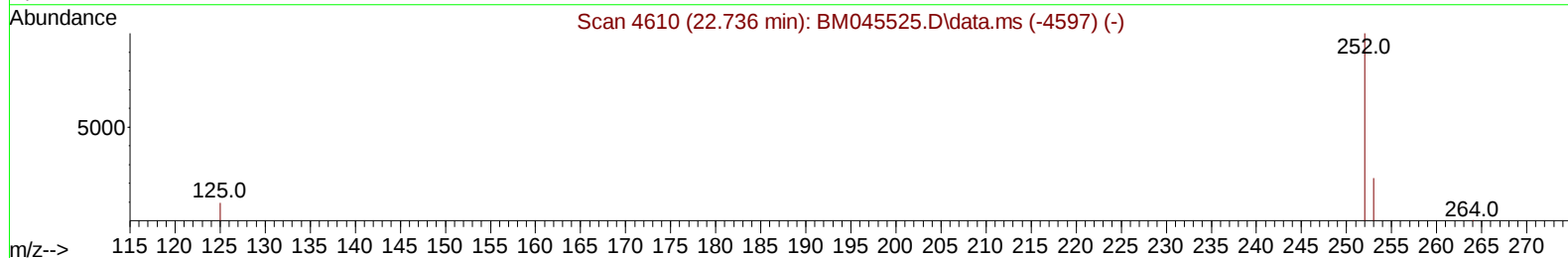
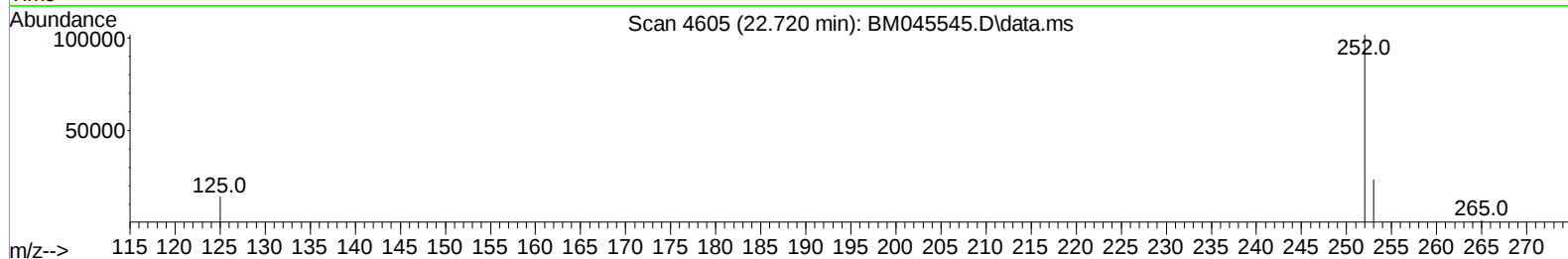
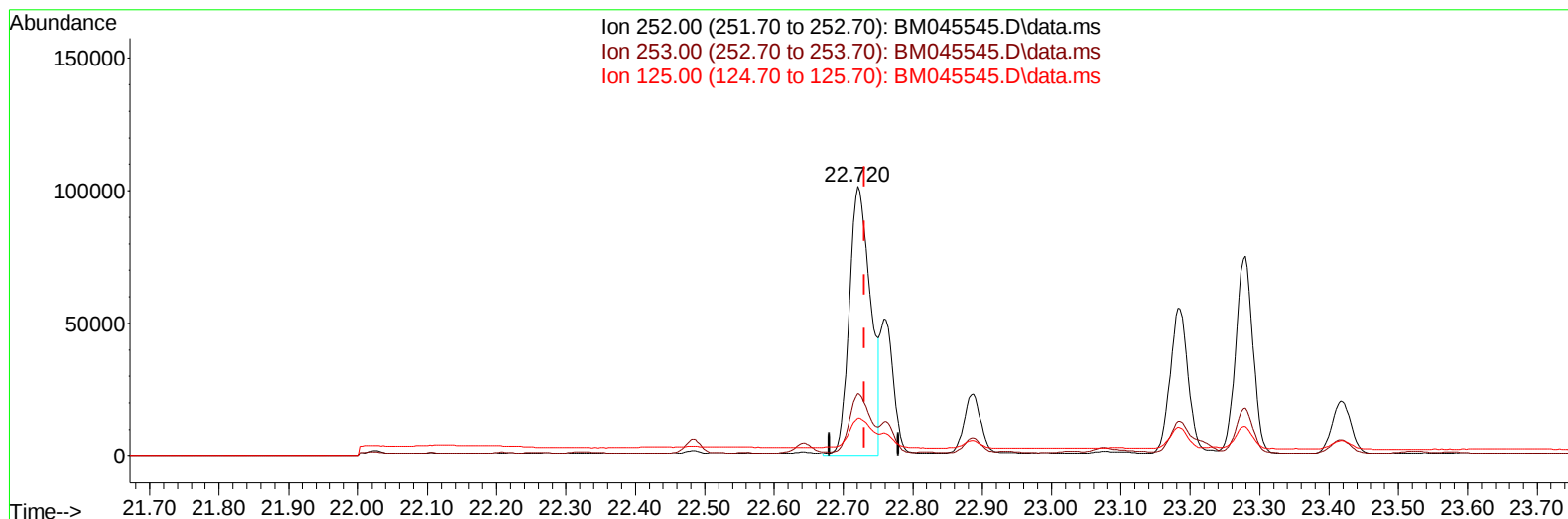
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
 Data File : BM045545.D
 Acq On : 25 Apr 2024 02:15
 Operator : MA/JU
 Sample : P2104-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA8

Manual IntegrationsAPPROVED

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



TIC: BM045545.D\data.ms

(24) Benzo(b)fluoranthene

22.720min (-0.010) 16.00 ng/u1 m

response 215921

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	23.17
125.00	18.40	13.97
0.00	0.00	0.00

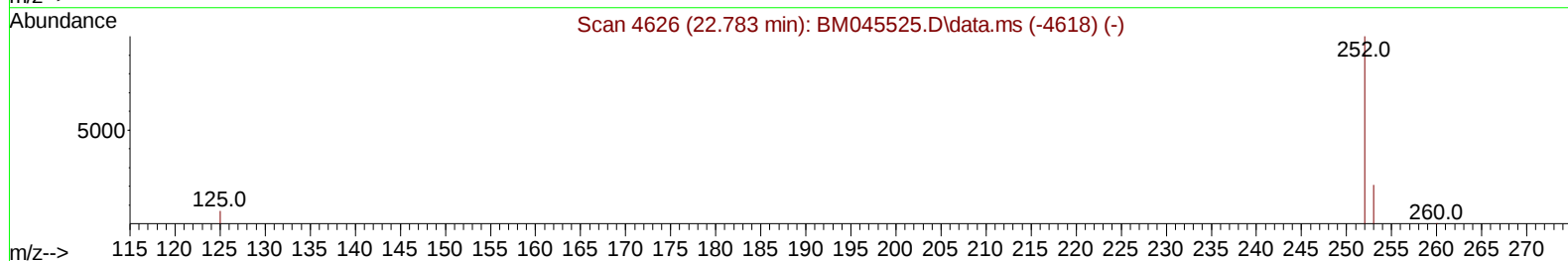
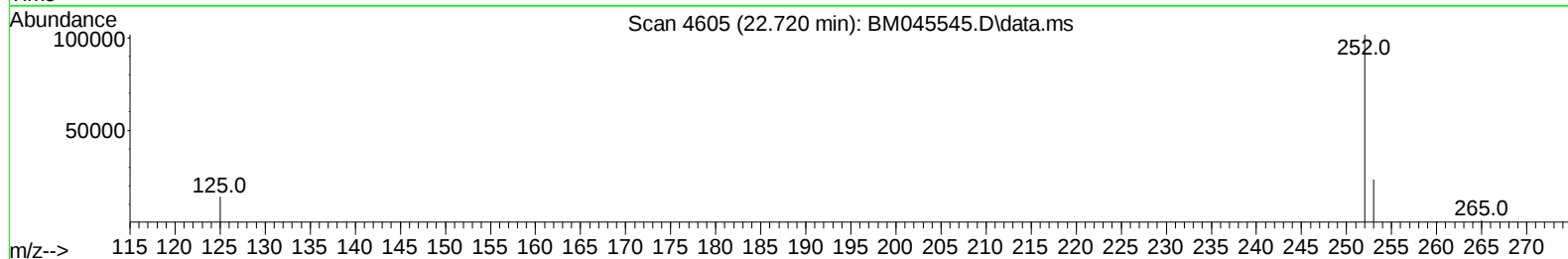
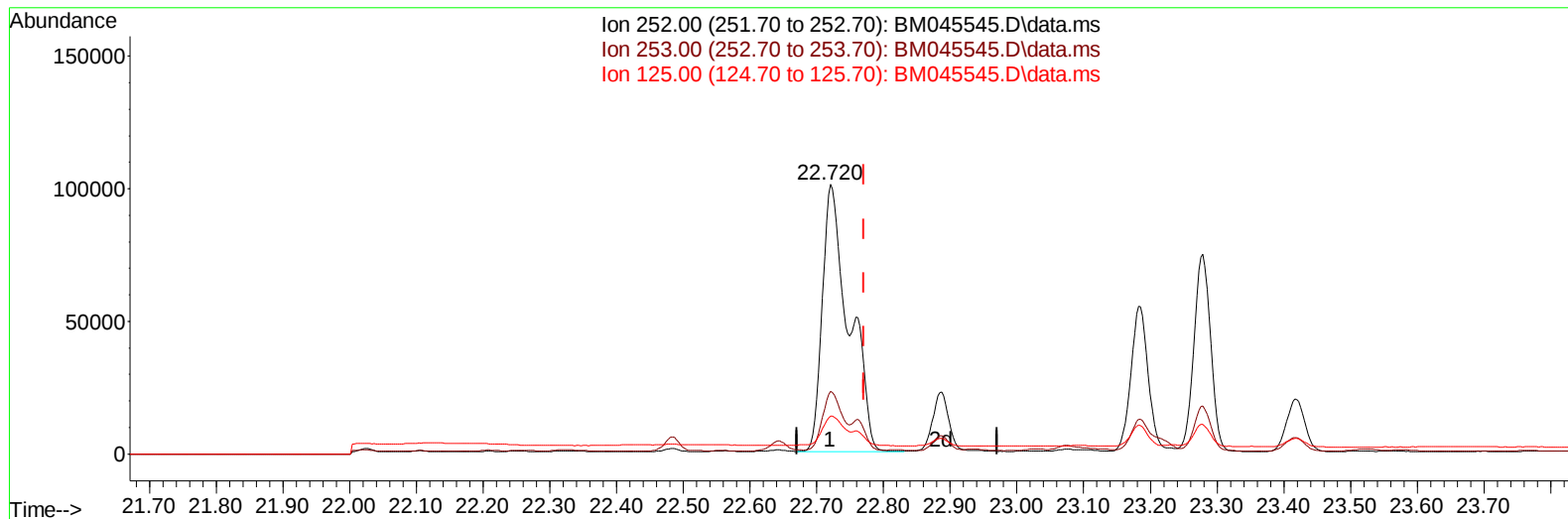
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Sample : P2104-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AA8

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TIC: BM045545.D\data.ms

(25) Benzo(k)fluoranthene

22.720min (-0.050) 16.38 ng/u1

response 279186

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	23.17#
125.00	18.50	13.97#
0.00	0.00	0.00

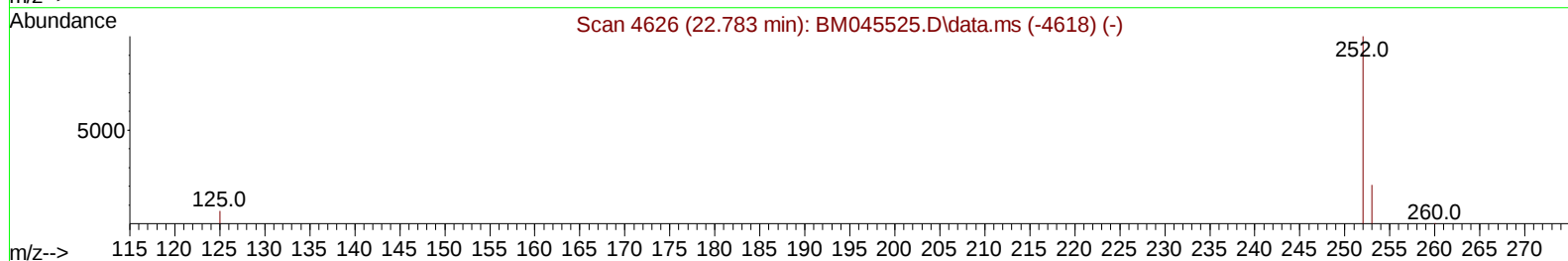
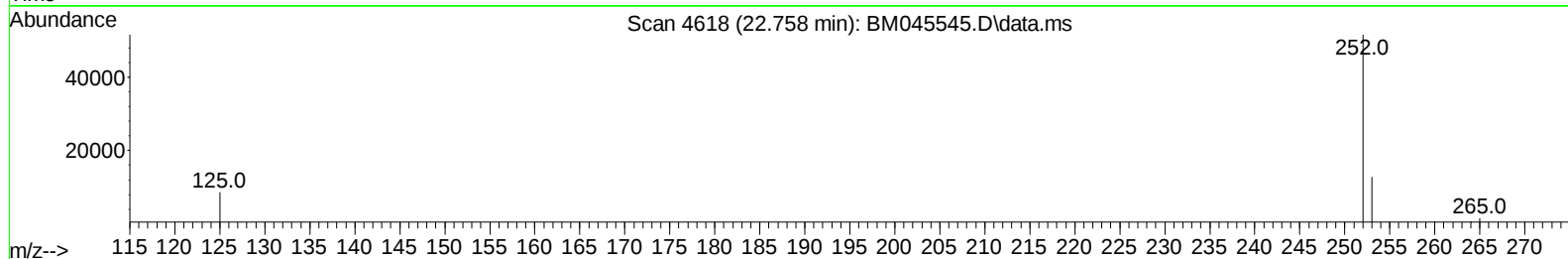
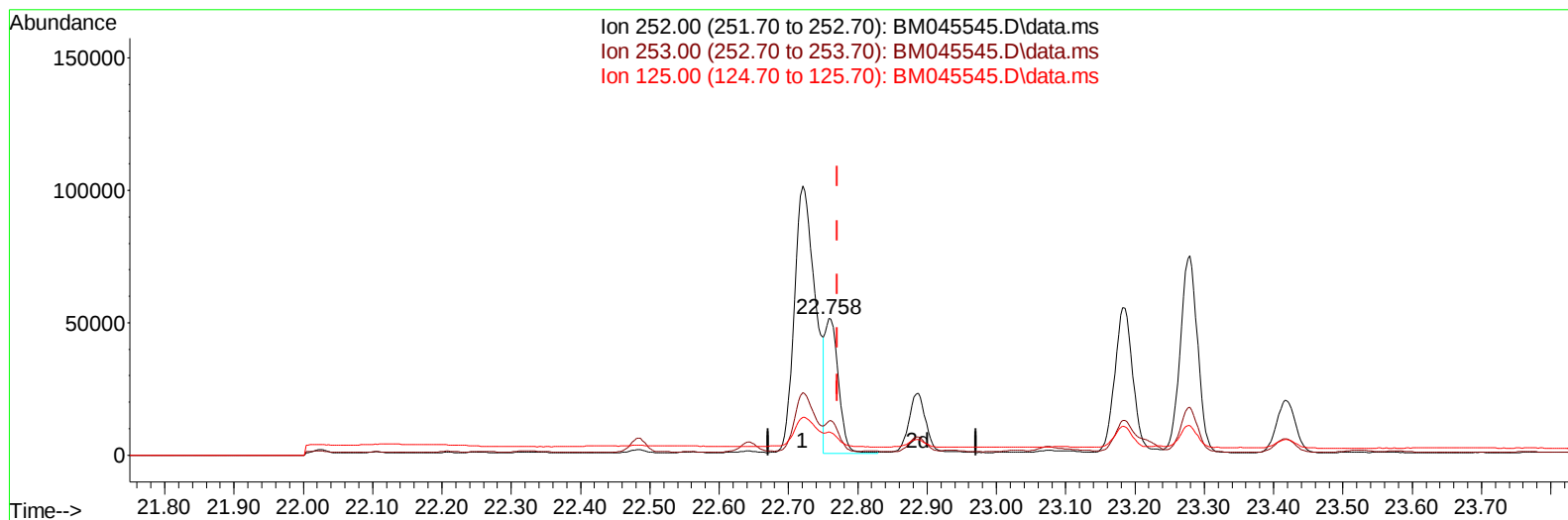
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Operator : MA/JU
Sample : P2104-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AA8

Manual IntegrationsAPPROVED

Quant Time: Apr 25 02:47:34 2024
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TIC: BM045545.D\data.ms

(25) Benzo(k)fluoranthene

22.758min (-0.012) 4.05 ng/u1 m

response 69036

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	24.80#
125.00	18.50	16.85
0.00	0.00	0.00

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 Operator : MA/JU
 Sample : P2104-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA8

Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.551	152	1211	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.314	136	3135	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.201	164	1872	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.964	188	3466m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.181	240	3341	0.400	ng/ul	#-0.01
23) Perylene-d12	23.372	264	4011	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.167	96	6790	4.183	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.914	152	1179	0.285	ng/ul	-0.02
18) Fluoranthene-d10	19.007	212	2369	0.225	ng/ul	-0.01
Target Compounds				Qvalue		
5) Naphthalene	10.363	128	8512	1.011	ng/ul#	88
7) 2-Methylnaphthalene	11.991	142	6018	1.252	ng/ul	98
8) 1-Methylnaphthalene	12.211	142	3190	0.592	ng/ul	99
10) Acenaphthylene	13.919	152	18136	1.964	ng/ul	97
11) Acenaphthene	14.261	153	11822	1.724	ng/ul	97
12) Fluorene	15.261	166	28255	3.853	ng/ul#	99
15) Phenanthrene	17.006	178	324844m	32.182	ng/ul	
16) Anthracene	17.099	178	70608	7.476	ng/ul#	92
19) Fluoranthene	19.039	202	348373	22.595	ng/ul#	90
20) Pyrene	19.406	202	263515	16.628	ng/ul#	92
21) Benzo(a)anthracene	21.166	228	129329	12.110	ng/ul	95
22) Chrysene	21.219	228	121437	7.396	ng/ul	99
24) Benzo(b)fluoranthene	22.720	252	215921m	16.003	ng/ul	
25) Benzo(k)fluoranthene	22.758	252	69036m	4.050	ng/ul	
26) Benzo(a)pyrene	23.279	252	129695	9.268	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	25.557	276	106518	5.237	ng/ul	91
28) Dibenzo(a,h)anthracene	25.561	278	28958	1.795	ng/ul	96
29) Benzo(g,h,i)perylene	26.225	276	82824	4.532	ng/ul	94

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

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