

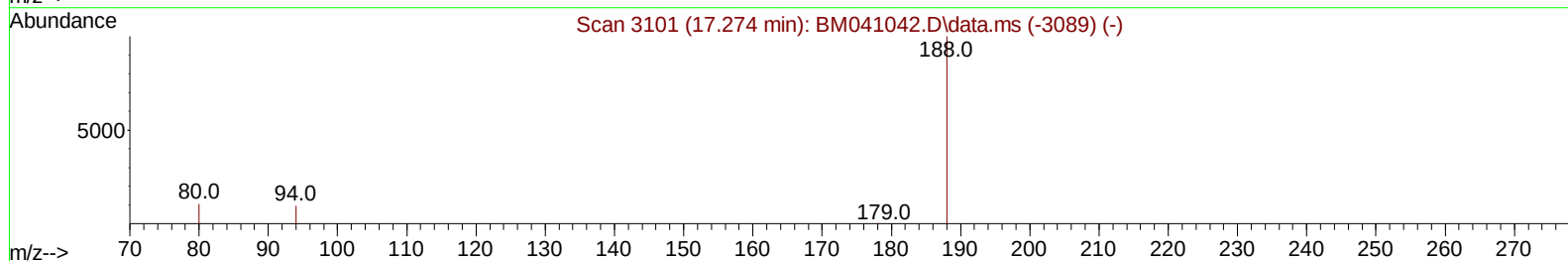
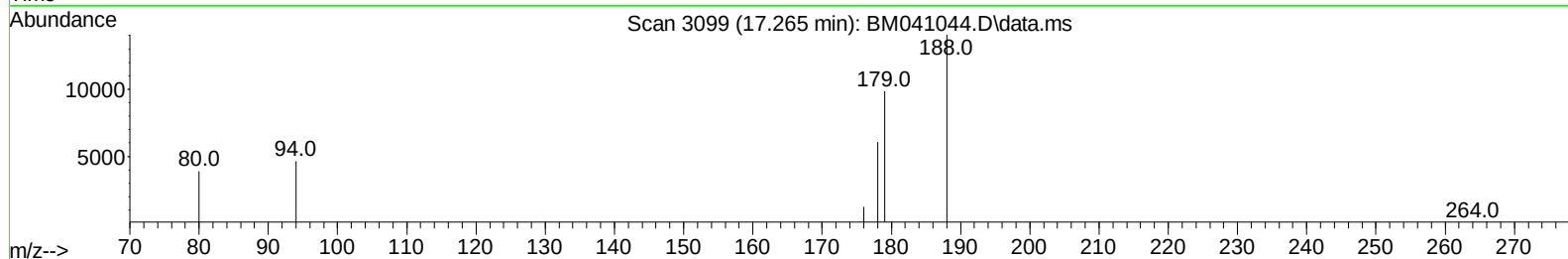
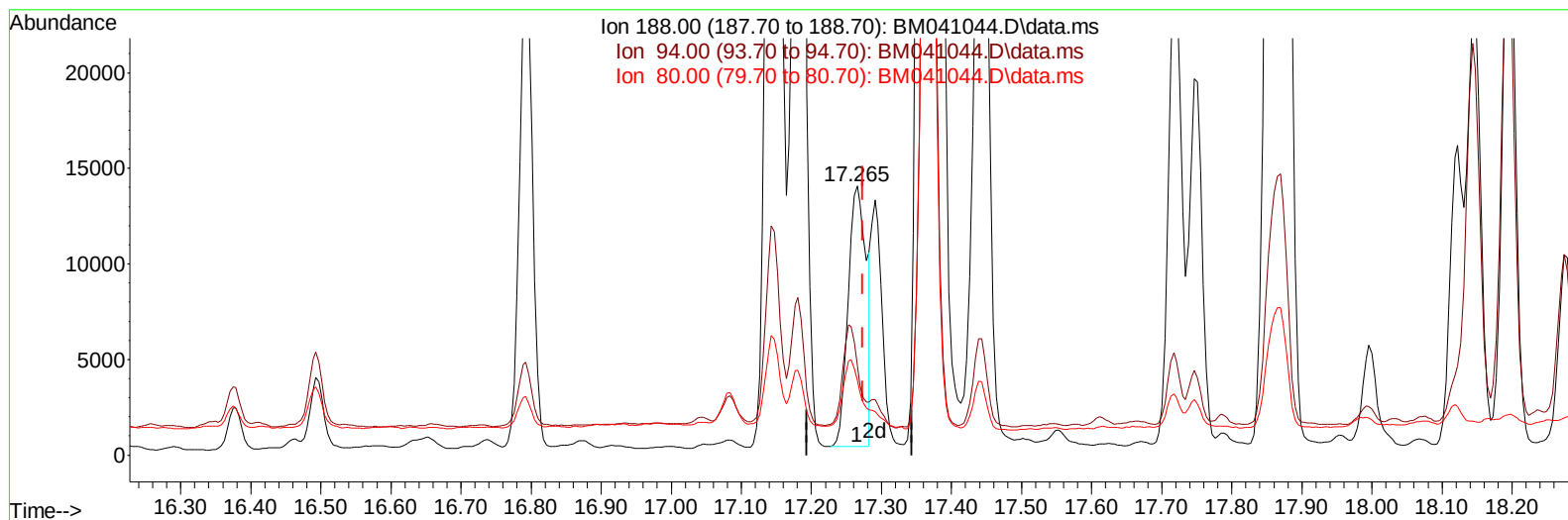
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
 Data File : BM041044.D
 Acq On : 22 Jul 2023 08:25
 Operator : MA/JU
 Sample : 03540-03
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4734

Manual IntegrationsAPPROVED

Quant Time: Jul 22 22:35:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 22 22:33:48 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/24/2023
 Supervised By :mohammad ahmed 07/24/2023



TIC: BM041044.D\data.ms

(13) Phenanthrene-d10 (I)

17.265min (-0.008) 0.40 ng/u1

response 24831

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.30	33.12#
80.00	14.30	27.64#
0.00	0.00	0.00

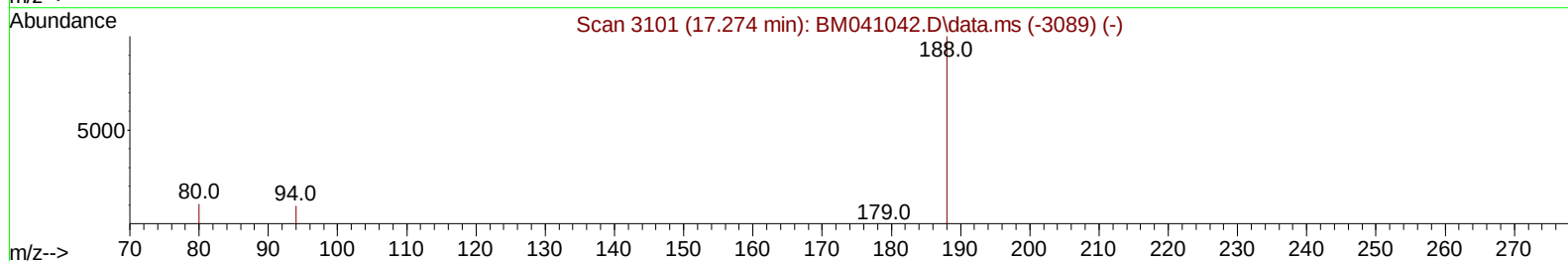
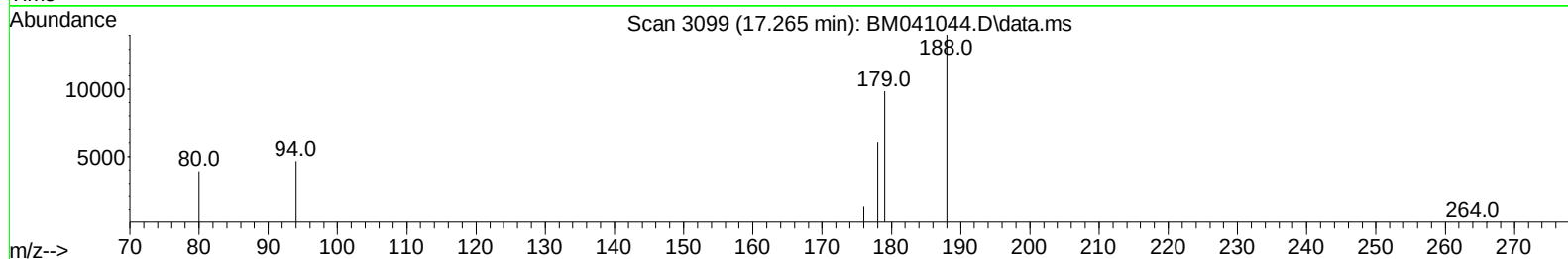
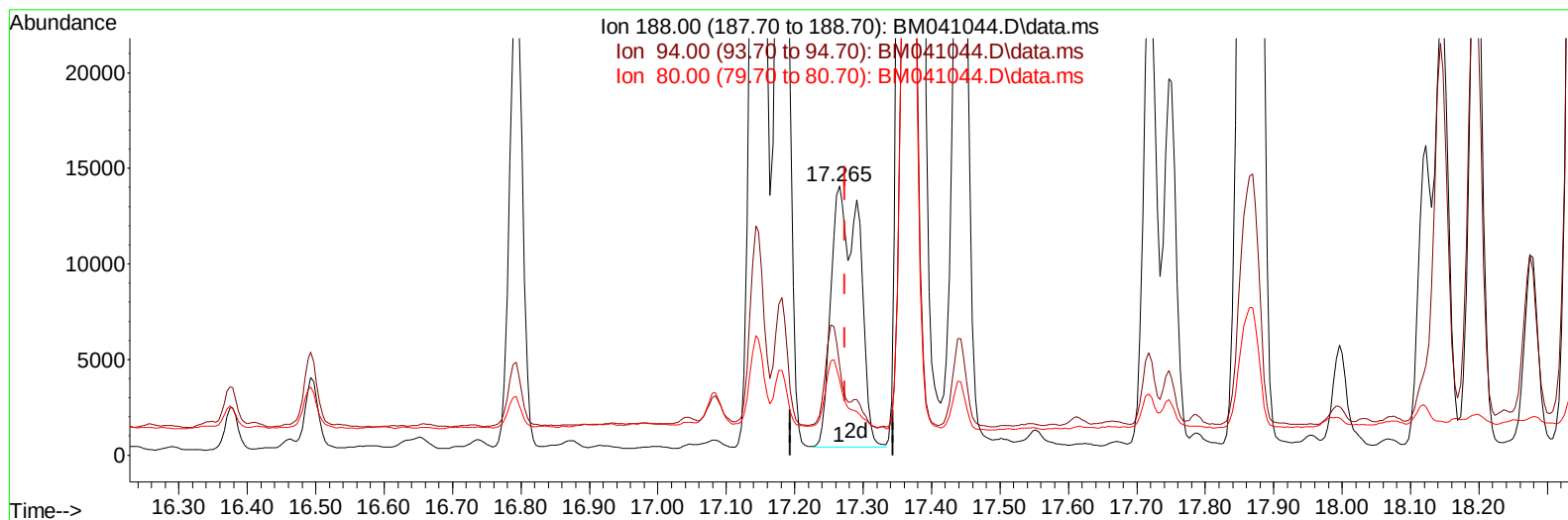
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(13) Phenanthrene-d10 (I)

17.265min (-0.008) 0.40 ng/ul m

response 38770

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.30	33.12#
80.00	14.30	27.64#
0.00	0.00	0.00

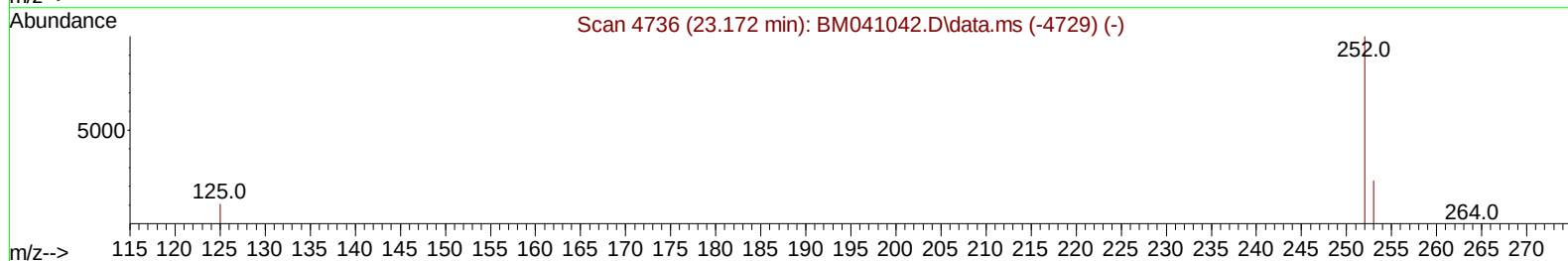
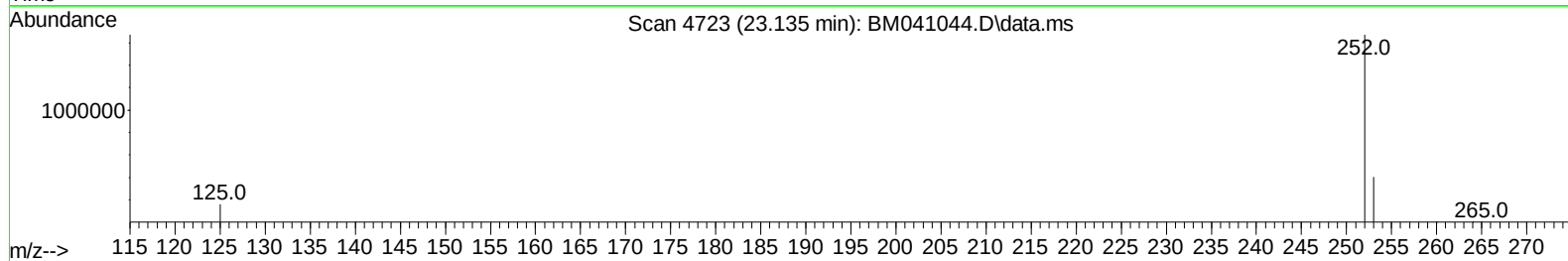
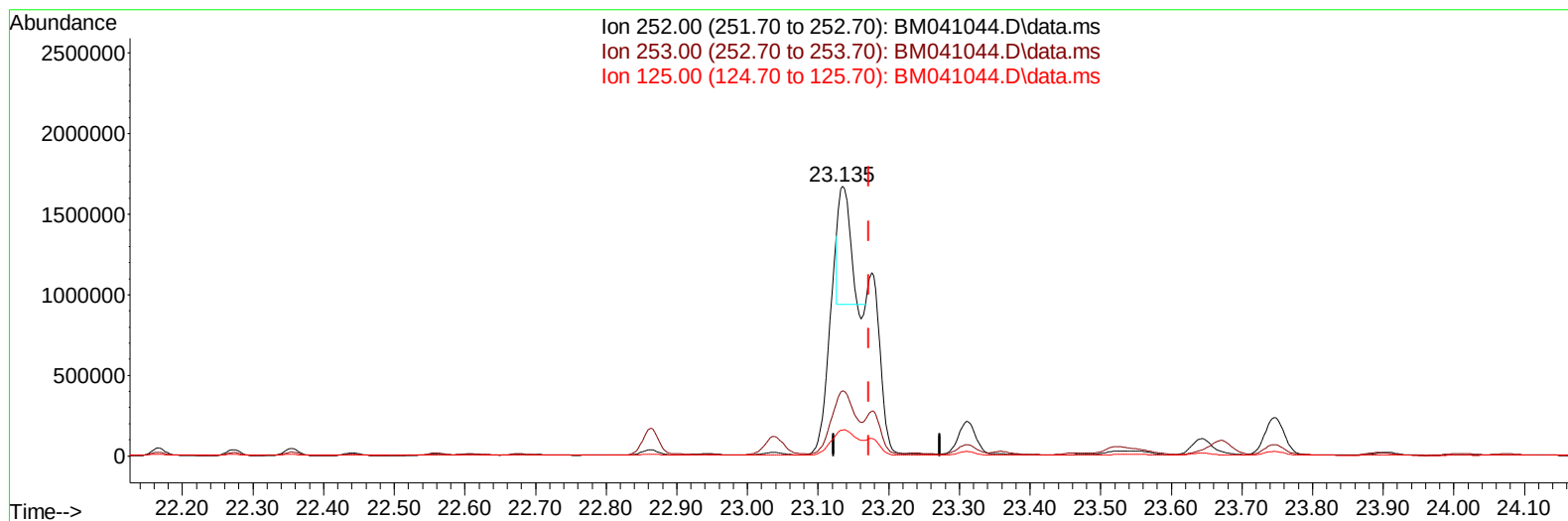
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TIC: BM041044.D\data.ms

(25) Benzo(k)fluoranthene

23.135min (-0.038) 9.38 ng/u1

response 772436

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.10	24.20
125.00	22.70	9.67#
0.00	0.00	0.00

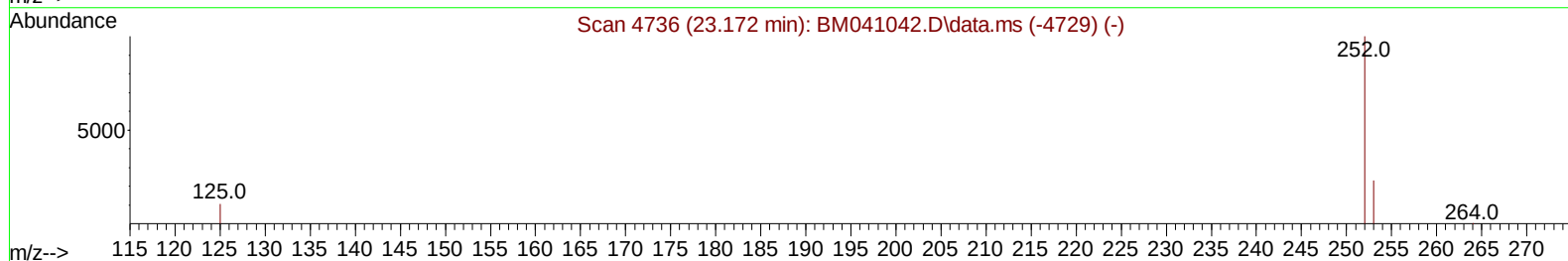
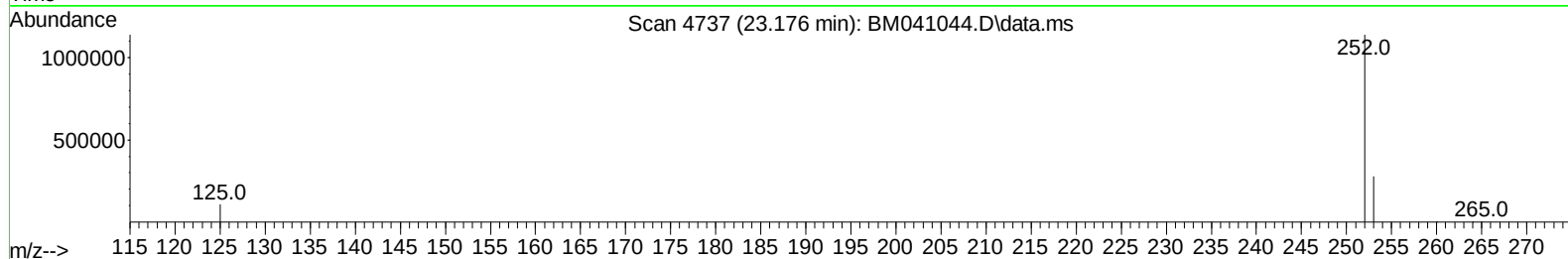
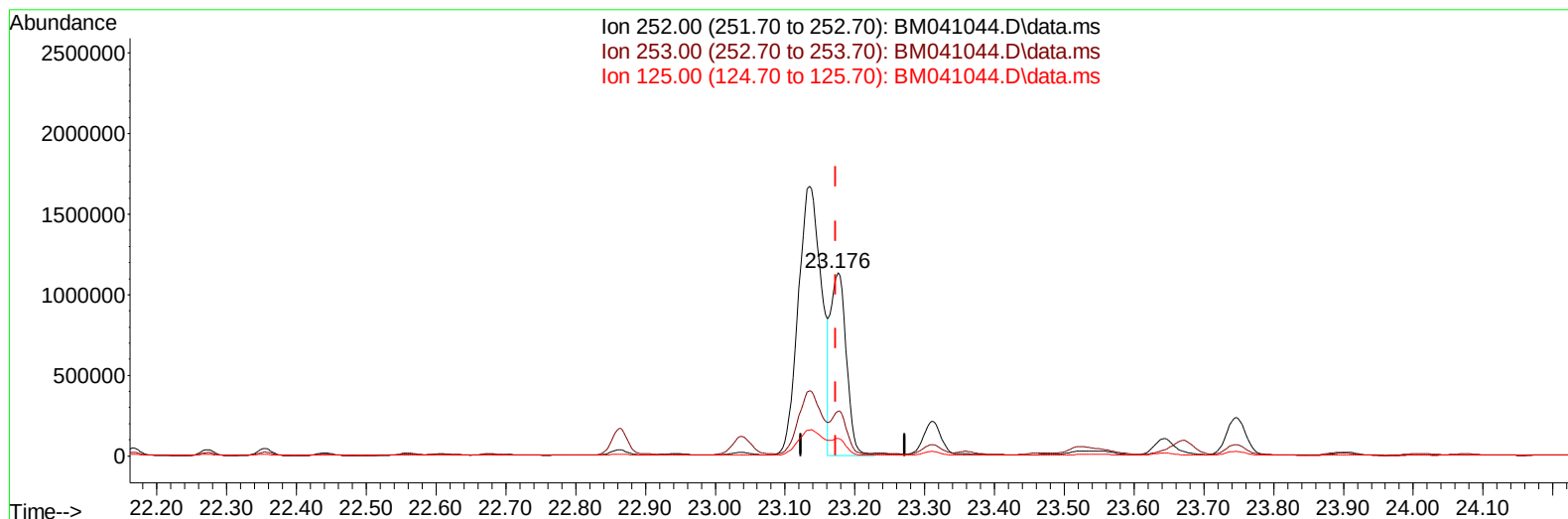
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TIC: BM041044.D\data.ms

(25) Benzo(k)fluoranthene

23.176min (+ 0.003) 21.47 ng/ul m

response 1769146

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.10	24.43
125.00	22.70	9.53#
0.00	0.00	0.00

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.853	152	4400	0.400	ng/ul	0.00
4) Naphthalene-d8	10.658	136	14552	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.509	164	9815	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.265	188	38770m	0.400	ng/ul	0.00
17) Chrysene-d12	21.466	240	13667	0.400	ng/ul	# 0.00
23) Perylene-d12	23.854	264	22593	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	16775	2.319	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.253	152	9020	0.465	ng/ul	-0.01
18) Fluoranthene-d10	19.301	212	18711	0.325	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.708	128	808790	20.320	ng/ul	97
7) 2-Methylnaphthalene	12.324	142	304746	13.955	ng/ul	97
8) 1-Methylnaphthalene	12.544	142	223795	9.646	ng/ul	99
10) Acenaphthylene	14.231	152	159720	3.885	ng/ul	98
11) Acenaphthene	14.574	153	1018123	28.096	ng/ul	96
12) Fluorene	15.564	166	1287679	34.322	ng/ul	96
15) Phenanthrene	17.320	178	10150335	87.592	ng/ul	97
16) Anthracene	17.405	178	2249417	24.913	ng/ul	97
19) Fluoranthene	19.343	202	10009843	141.856	ng/ul	94
20) Pyrene	19.696	202	2841175	39.412	ng/ul#	93
21) Benzo(a)anthracene	21.448	228	4280970	102.825	ng/ul	96
22) Chrysene	21.504	228	3312856	69.605	ng/ul#	95
24) Benzo(b)fluoranthene	23.135	252	3877423	44.714	ng/ul	83
25) Benzo(k)fluoranthene	23.176	252	1769146m	21.472	ng/ul	
26) Benzo(a)pyrene	23.746	252	461802	6.165	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.324	276	605361	6.091	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.334	278	546393	7.267	ng/ul#	88
29) Benzo(g,h,i)perylene	27.082	276	25902	0.282	ng/ul#	65

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

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