

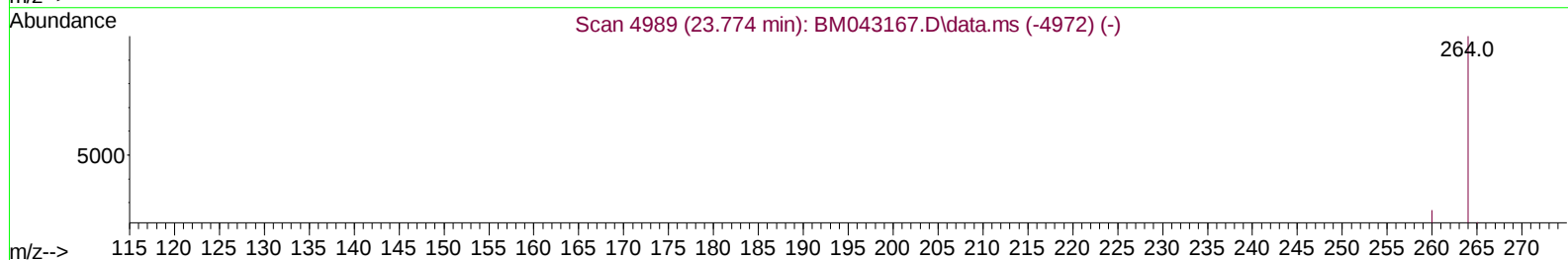
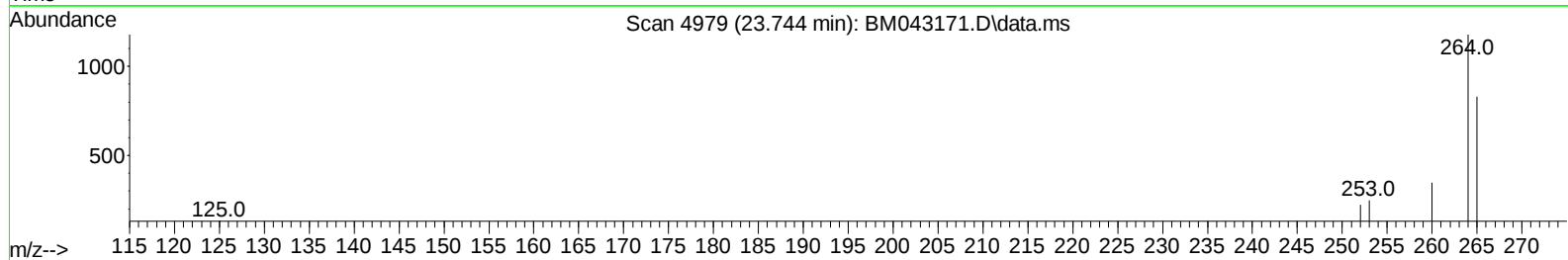
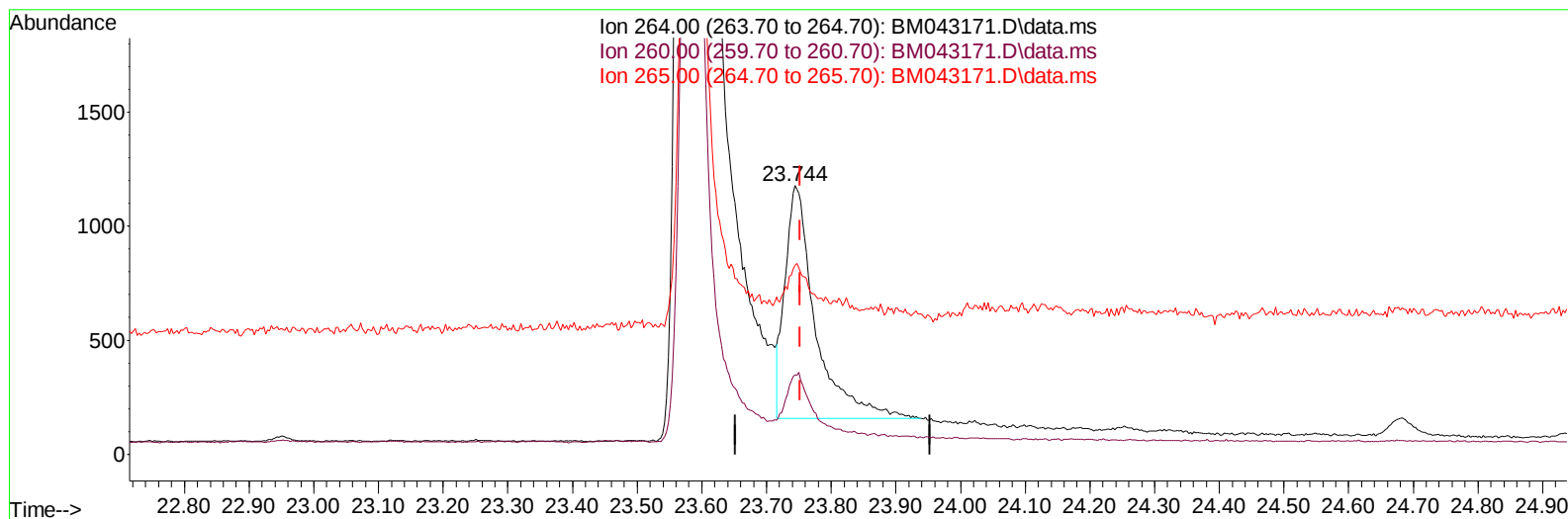
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120423\
 Data File : BM043171.D
 Acq On : 04 Dec 2023 11:46
 Operator : MA/JU
 Sample : 05459-19DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA7DL

Manual IntegrationsAPPROVED

Quant Time: Dec 04 12:19:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 02 23:54:55 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/05/2023
 Supervised By :mohammad ahmed 12/05/2023



TIC: BM043171.D\data.ms

(23) Perylene-d12 (I)

23.744min (-0.008) 0.40 ng/u1

response 3375

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	29.63
265.00	120.30	70.46#
0.00	0.00	0.00

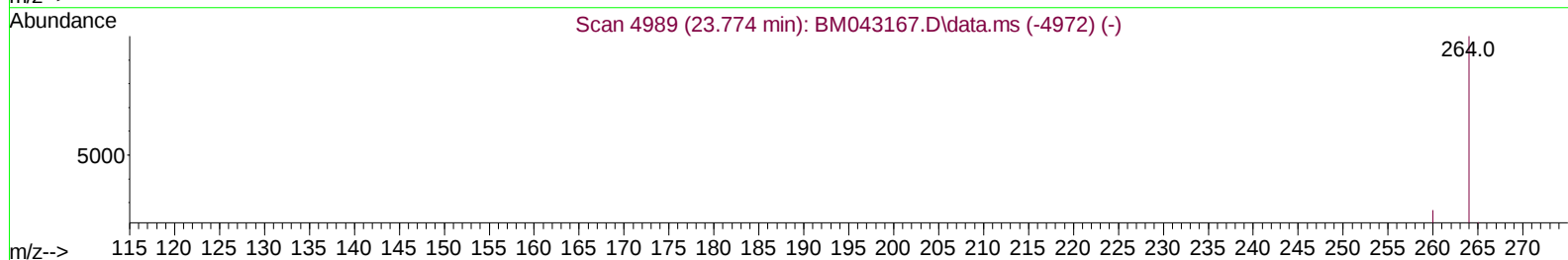
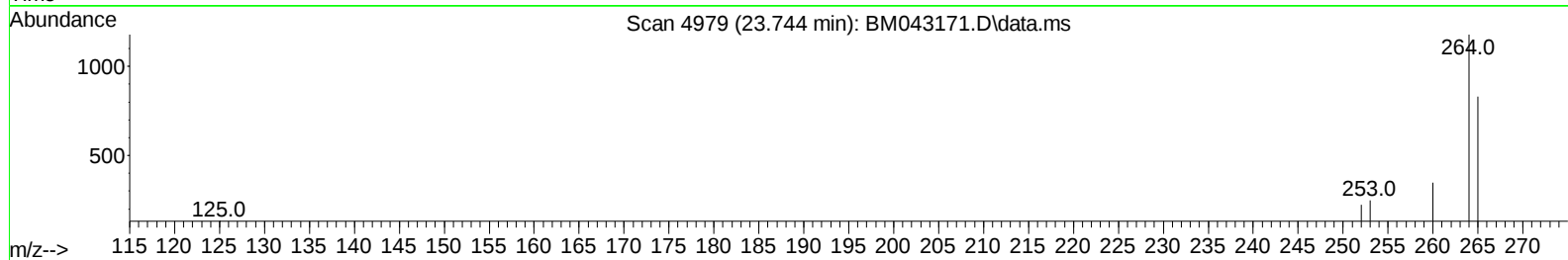
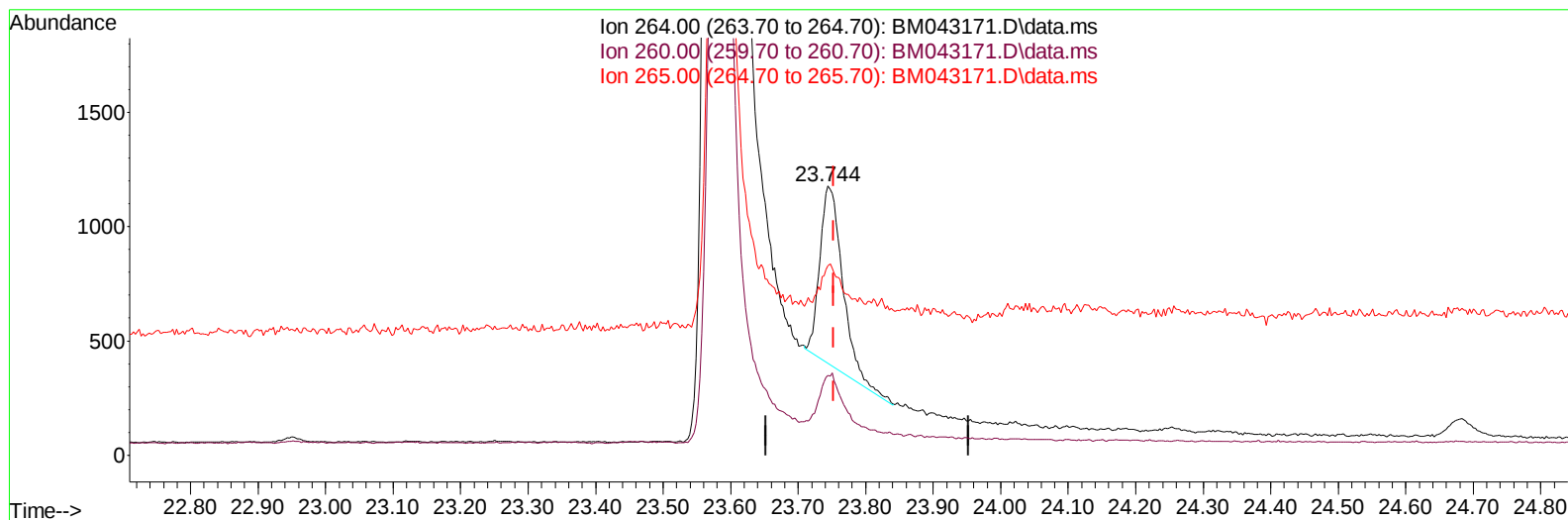
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TIC: BM043171.D\data.ms

(23) Perylene-d12 (I)

23.744min (-0.008) 0.40 ng/ul m

response 1826

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	29.63
265.00	120.30	70.46#
0.00	0.00	0.00

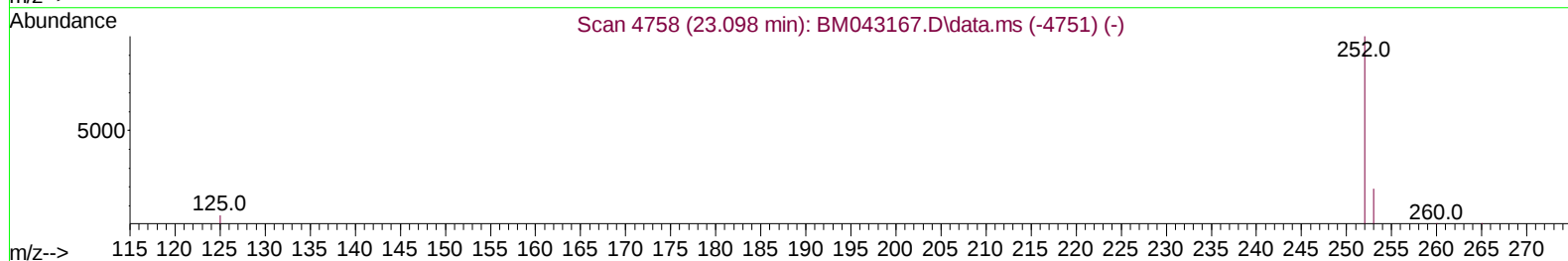
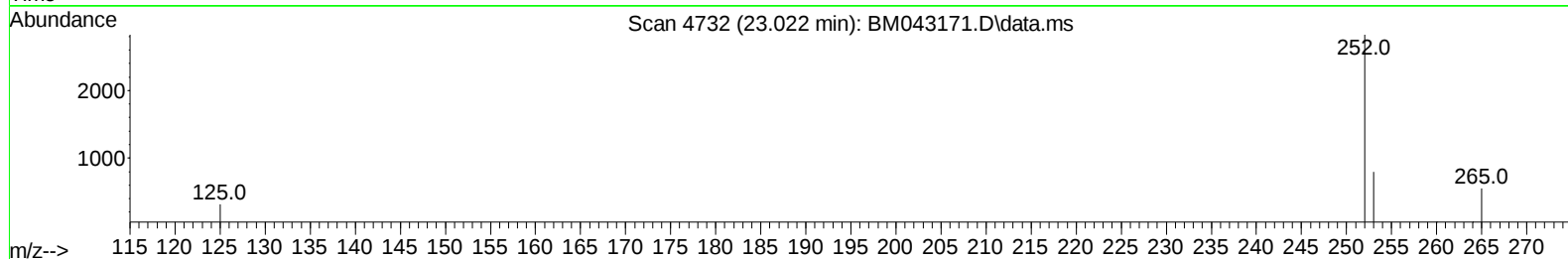
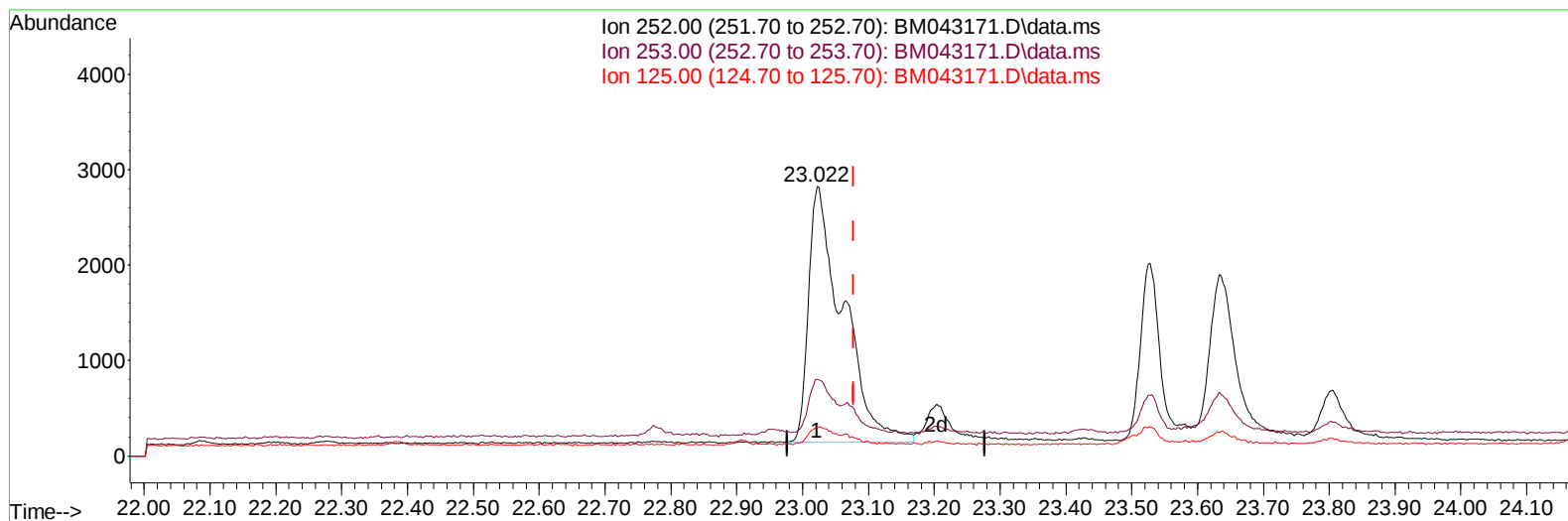
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TIC: BM043171.D\data.ms

(25) Benzo(k)fluoranthene

23.022min (-0.055) 1.15 ng/u1

response 9735

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.20	28.32
125.00	13.80	11.08
0.00	0.00	0.00

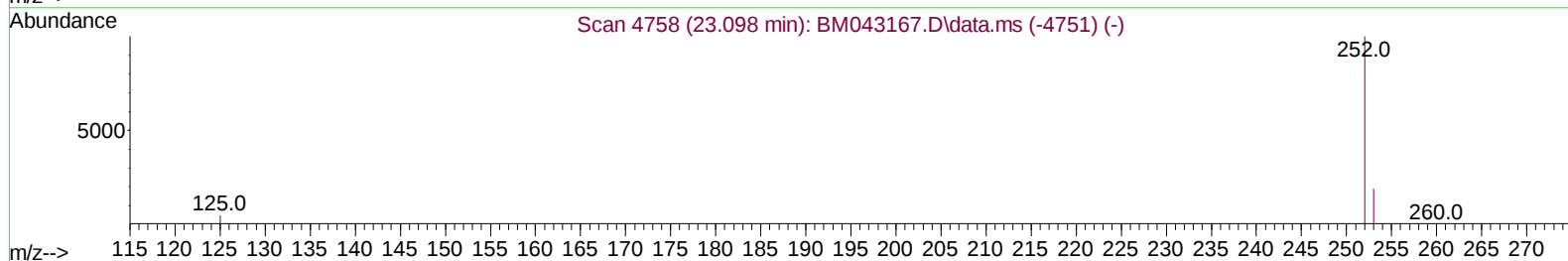
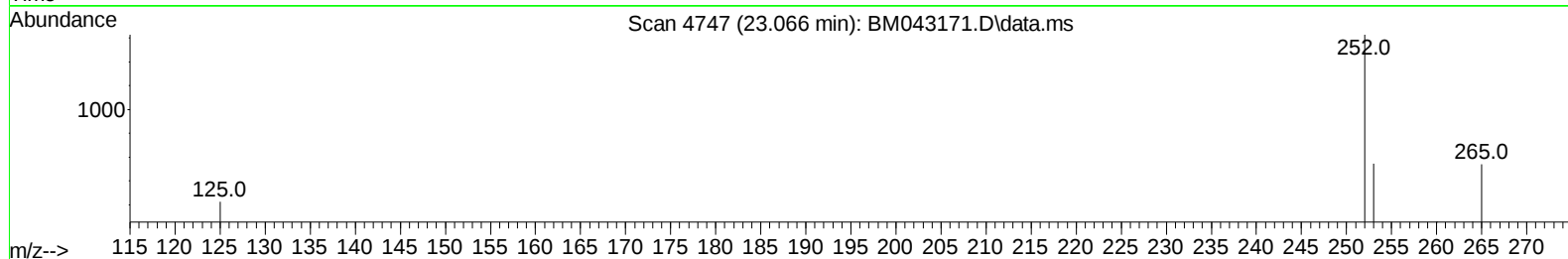
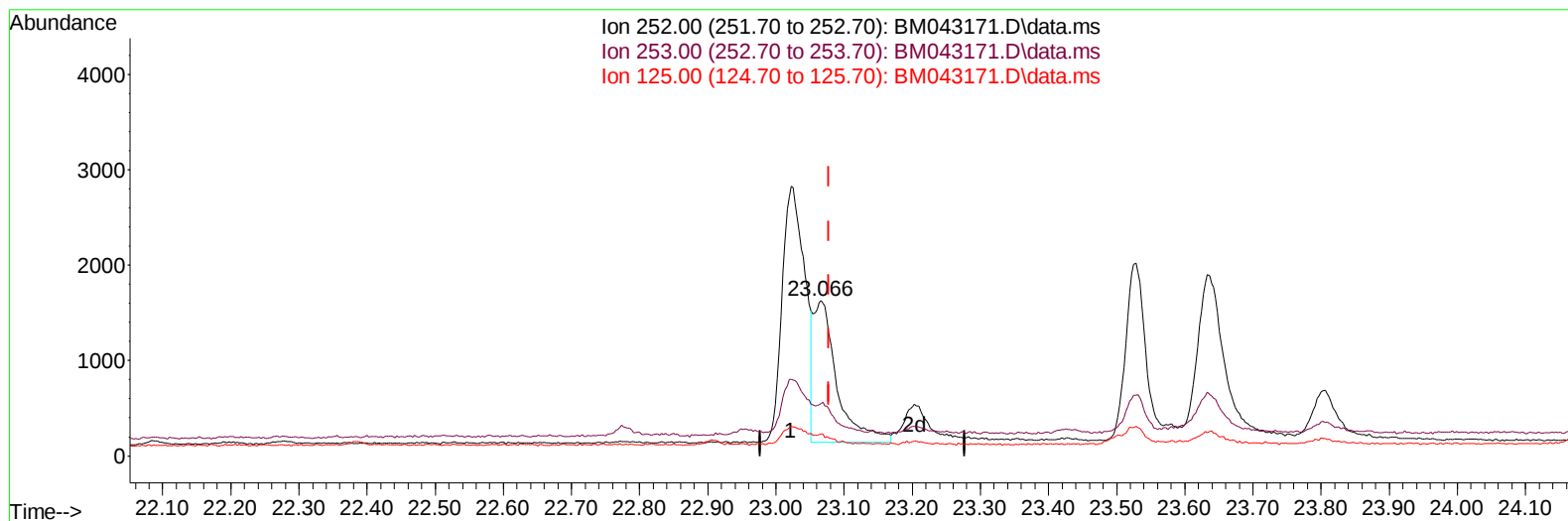
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TIC: BM043171.D\data.ms

(25) Benzo(k)fluoranthene

23.066min (-0.011) 0.42 ng/u1 m

response 3564

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.20	33.58
125.00	13.80	13.93
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	7.805	152	854	0.400	ng/ul	#-0.03
4) Naphthalene-d8	10.605	136	2467	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.445	164	1423	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.203	188	2978	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.400	240	2074	0.400	ng/ul	# 0.00
23) Perylene-d12	23.744	264	1826m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.155	96	1123	0.857	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.238	152	319	0.097	ng/ul	0.02
18) Fluoranthene-d10	19.233	212	794	0.105	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.660	128	1018	0.152	ng/ul	98
7) 2-Methylnaphthalene	12.304	142	647	0.164	ng/ul	94
8) 1-Methylnaphthalene	12.508	142	445	0.101	ng/ul	97
10) Acenaphthylene	14.172	152	608	0.084	ng/ul#	85
11) Acenaphthene	14.510	153	192	0.035	ng/ul#	92
12) Fluorene	15.509	166	232	0.041	ng/ul#	89
15) Phenanthrene	17.245	178	7587	0.893	ng/ul	94
16) Anthracene	17.338	178	1985	0.247	ng/ul	96
19) Fluoranthene	19.261	202	15152	1.289	ng/ul#	91
20) Pyrene	19.628	202	13295	1.063	ng/ul#	92
21) Benzo(a)anthracene	21.386	228	5553	0.825	ng/ul	99
22) Chrysene	21.435	228	5069	0.404	ng/ul	99
24) Benzo(b)fluoranthene	23.022	252	6427	1.043	ng/ul	88
25) Benzo(k)fluoranthene	23.066	252	3564m	0.420	ng/ul	
26) Benzo(a)pyrene	23.633	252	4521	0.672	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.205	276	3800	0.418	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.205	278	818	0.116	ng/ul#	69
29) Benzo(g,h,i)perylene	26.966	276	3735	0.422	ng/ul	97

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

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