Quantitation Report (Qedit)

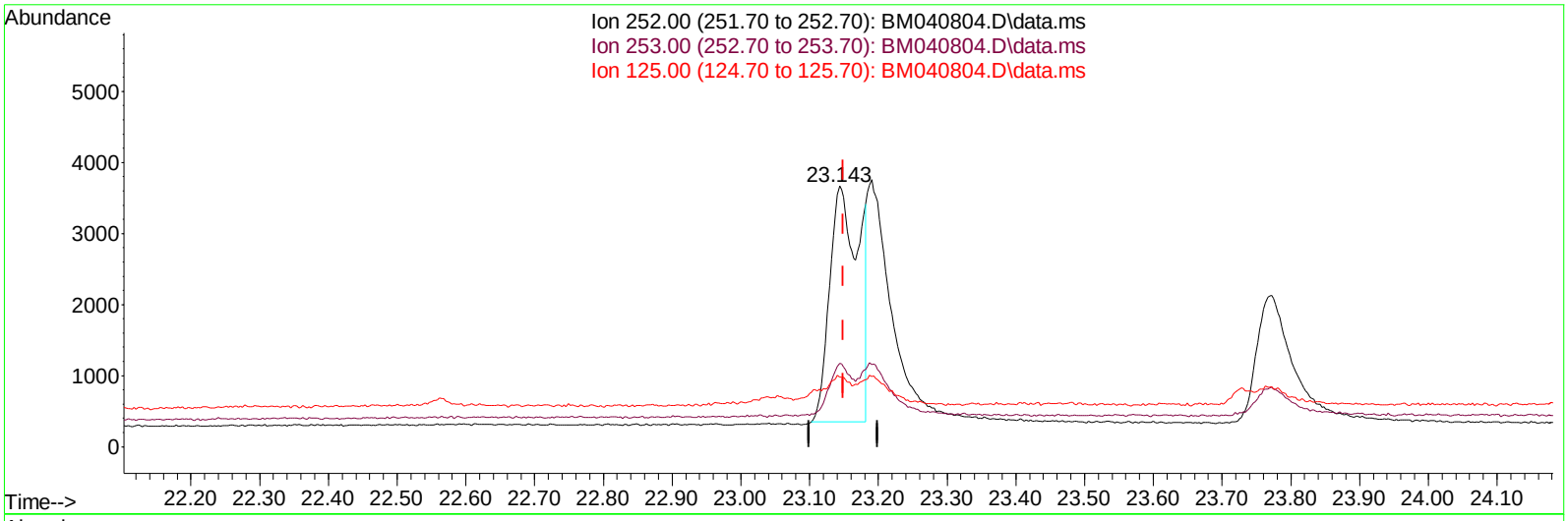
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071123\
Data File : BM040804.D
Acq On : 11 Jul 2023 09:40
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

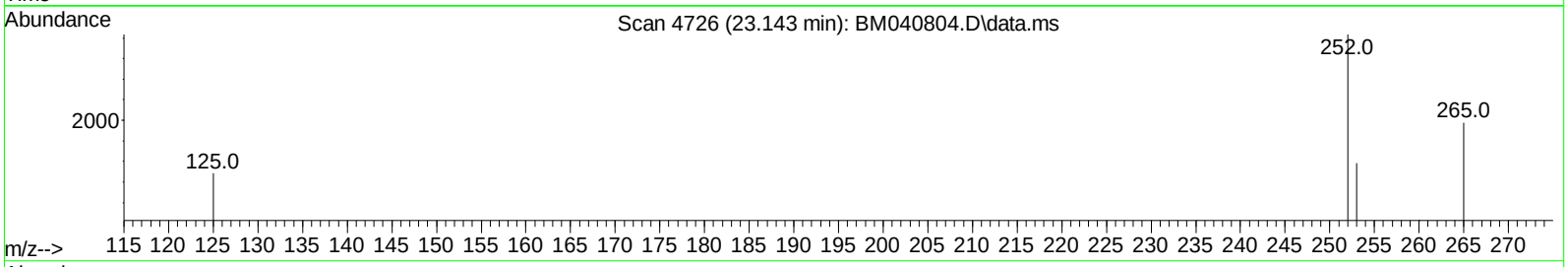
Quant Time: Jul 12 04:26:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 11 03:54:24 2023
Response via : Initial Calibration

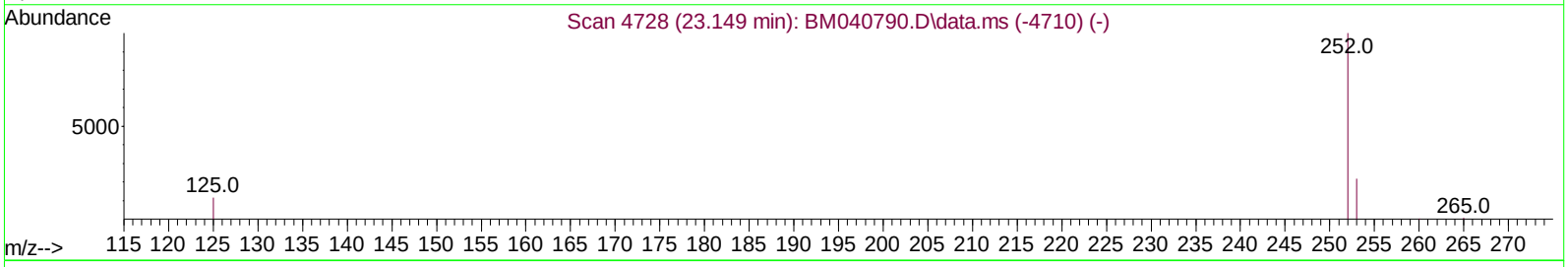
Instrument :
BNA_M
LabSampleId :
SSTDCCC0.4

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023







TIC: BM040804.D\data.ms

(24) Benzo(b)fluoranthene

23.143min (-0.006) 0.46 ng/ul

response 9826

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.40	31.99
125.00	21.50	26.59
0.00	0.00	0.00

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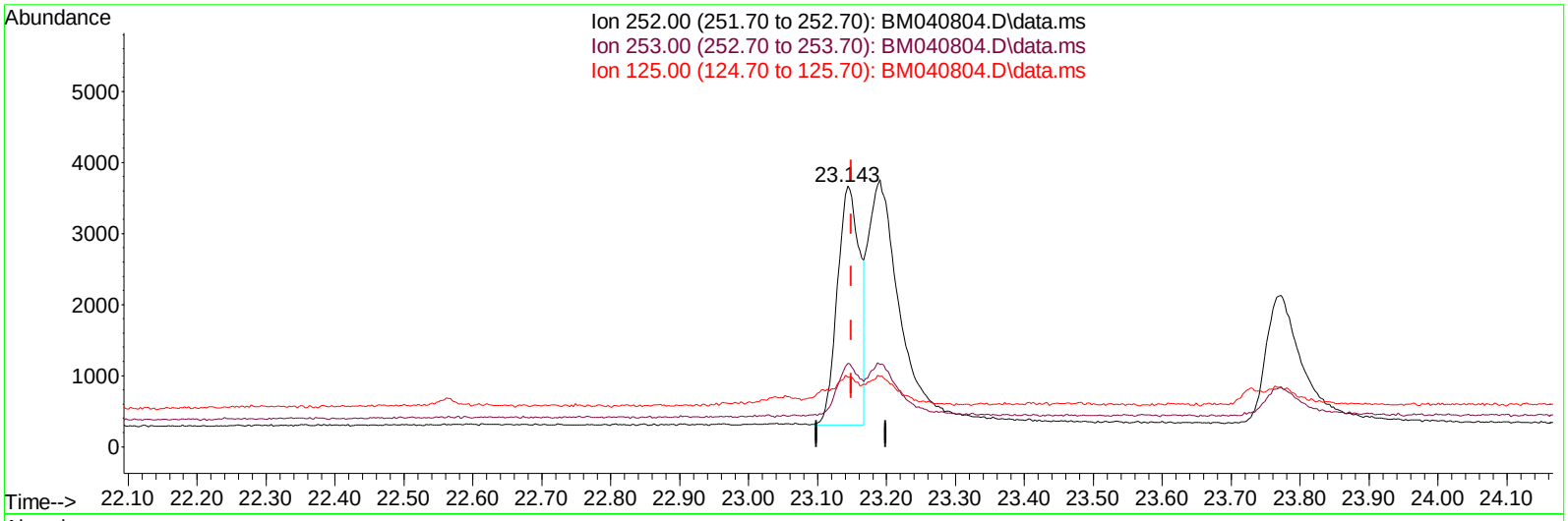

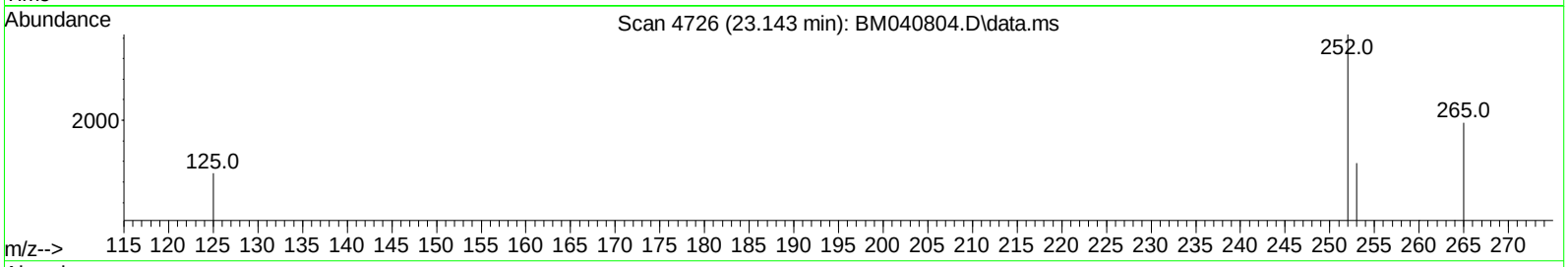

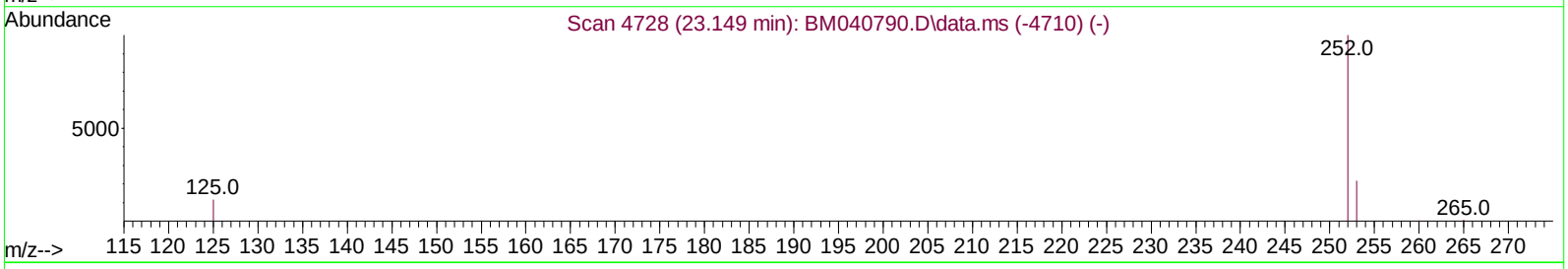

TIC: BM040804.D\data.ms

(24) Benzo(b)fluoranthene

23.143min (-0.006) 0.36 ng/ul m

response 7602

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.40	31.99
125.00	21.50	26.59
0.00	0.00	0.00

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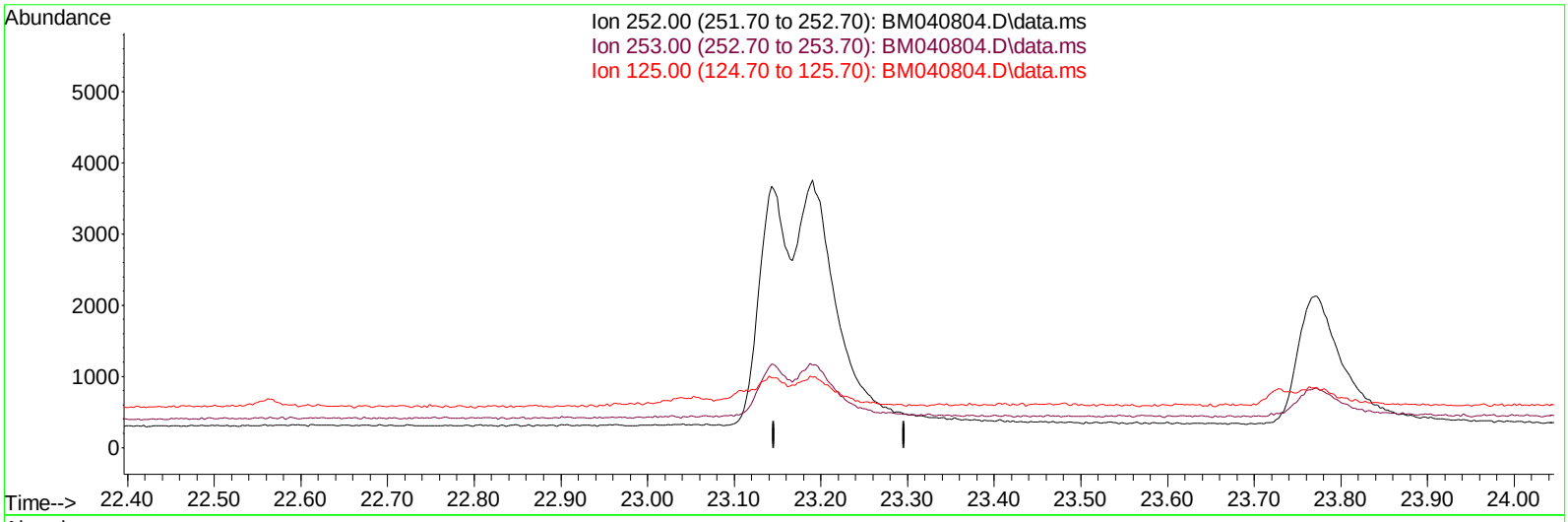

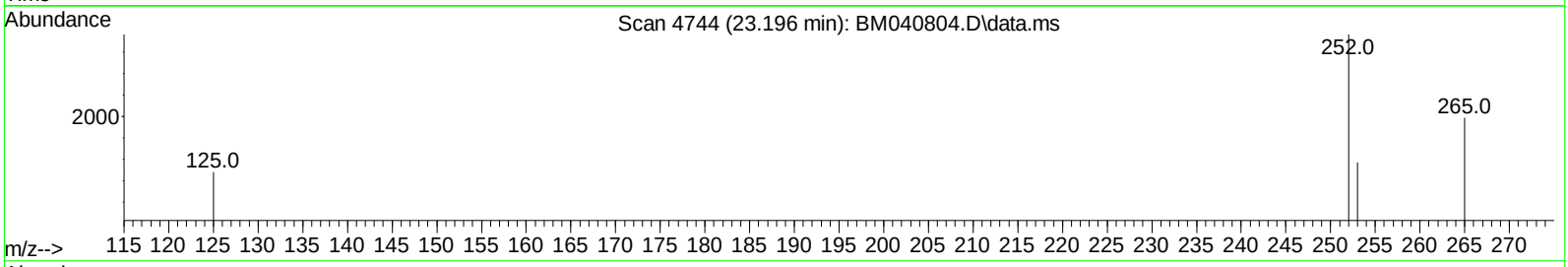

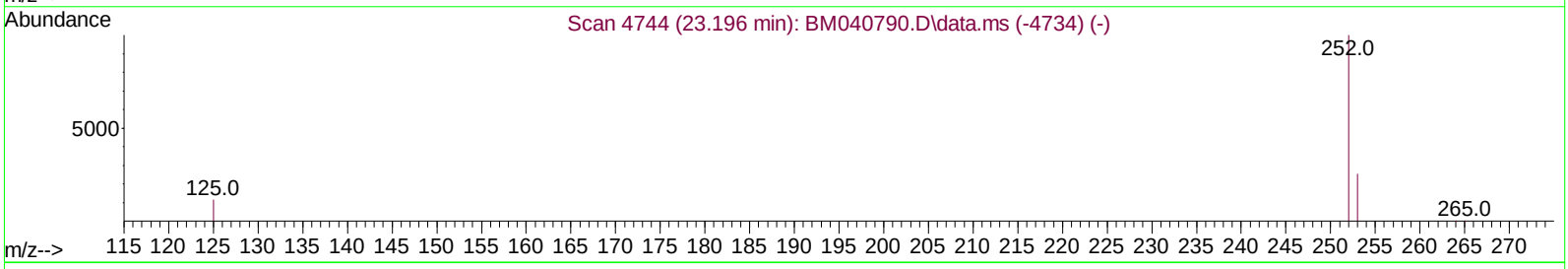

TIC: BM040804.D\data.ms

(25) Benzo(k)fluoranthene

23.196min (-23.196) 0.00 ng/ul

response 0

Ion	Exp%	Act%
252.00	100.00	0.00
253.00	26.50	0.00#
125.00	20.50	0.00#
0.00	0.00	0.00

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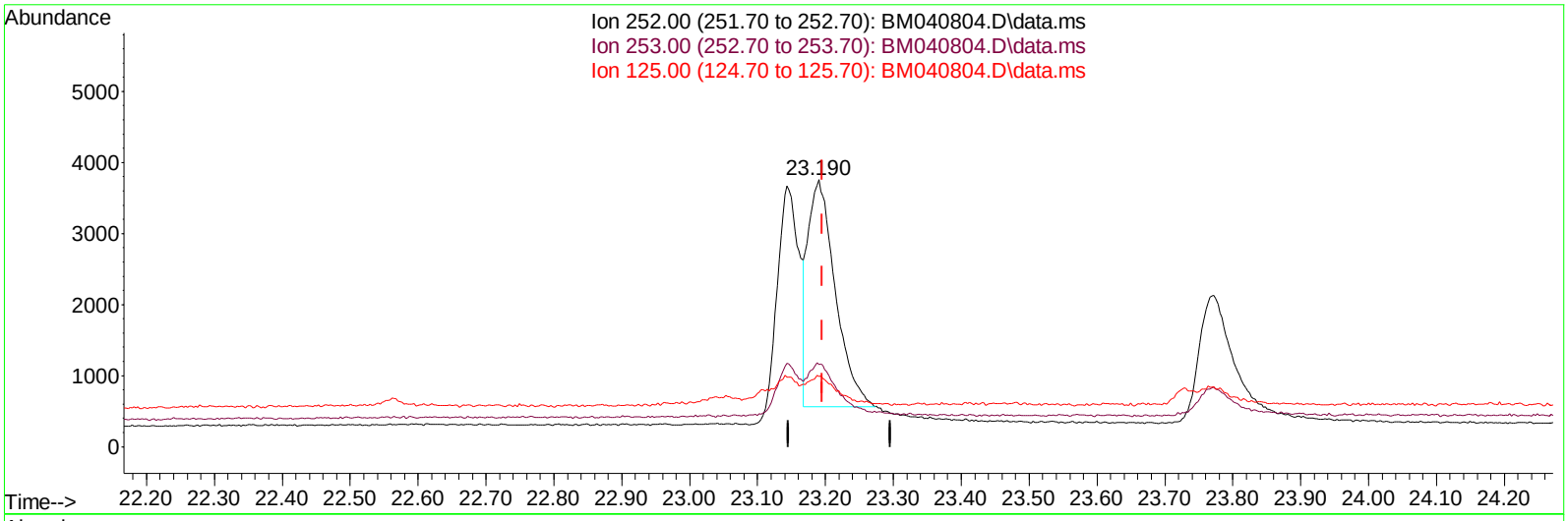

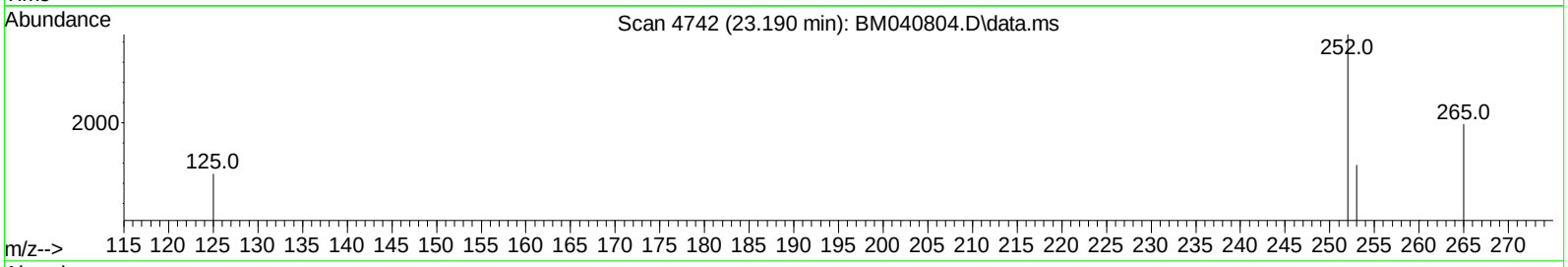

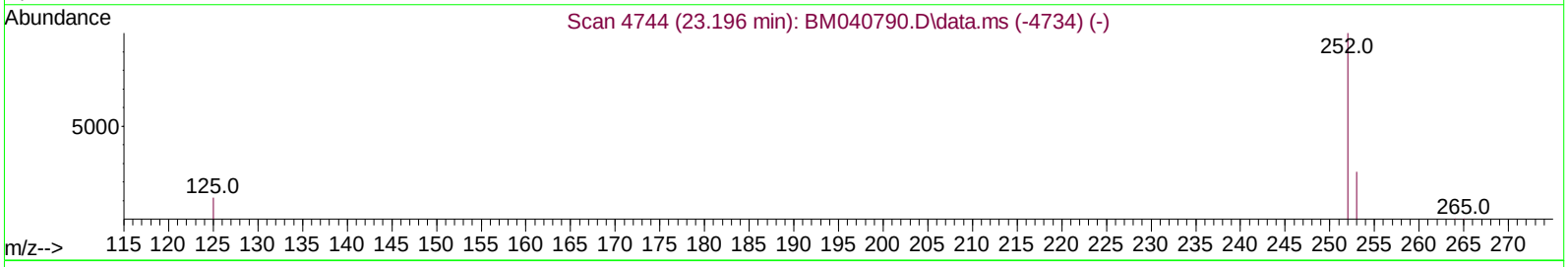

TIC: BM040804.D\data.ms

(25) Benzo(k)fluoranthene

23.190min (-0.006) 0.43 ng/ul m

response 8999

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	30.86
125.00	20.50	26.36#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.883	152	4273	0.400	ng/ul	0.00
4) Naphthalene-d8	10.686	136	15985	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.532	164	6705	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.287	188	10864	0.400	ng/ul	0.00
17) Chrysene-d12	21.480	240	6686	0.400	ng/ul	0.00
23) Perylene-d12	23.877	264	5495	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	2857	0.426	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.280	152	8256	0.368	ng/ul	0.00
18) Fluoranthene-d10	19.320	212	9349	0.436	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	2575	0.377	ng/ul#	87
5) Naphthalene	10.735	128	16682	0.378	ng/ul	99
7) 2-Methylnaphthalene	12.357	142	9413	0.364	ng/ul	97
8) 1-Methylnaphthalene	12.572	142	8864	0.343	ng/ul	98
10) Acenaphthylene	14.250	152	10869	0.363	ng/ul	97
11) Acenaphthene	14.592	153	9647	0.381	ng/ul	98
12) Fluorene	15.587	166	9878	0.366	ng/ul	97
14) Pentachlorophenol	16.949	266	574	0.274	ng/ul	93
15) Phenanthrene	17.329	178	12451	0.369	ng/ul	97
16) Anthracene	17.426	178	10599	0.374	ng/ul	95
19) Fluoranthene	19.348	202	11898	0.419	ng/ul	99
20) Pyrene	19.710	202	12710	0.417	ng/ul	96
21) Benzo(a)anthracene	21.466	228	7624	0.337	ng/ul	99
22) Chrysene	21.518	228	9092	0.352	ng/ul	98
24) Benzo(b)fluoranthene	23.143	252	7602m	0.357	ng/ul	
25) Benzo(k)fluoranthene	23.190	252	8999m	0.429	ng/ul	
26) Benzo(a)pyrene	23.772	252	6788	0.354	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.357	276	7973	0.299	ng/ul	95
28) Dibenzo(a,h)anthracene	26.371	278	6029	0.289	ng/ul#	88
29) Benzo(g,h,i)perylene	27.119	276	7670	0.328	ng/ul	96

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

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