Quantitation Report (Qedit)

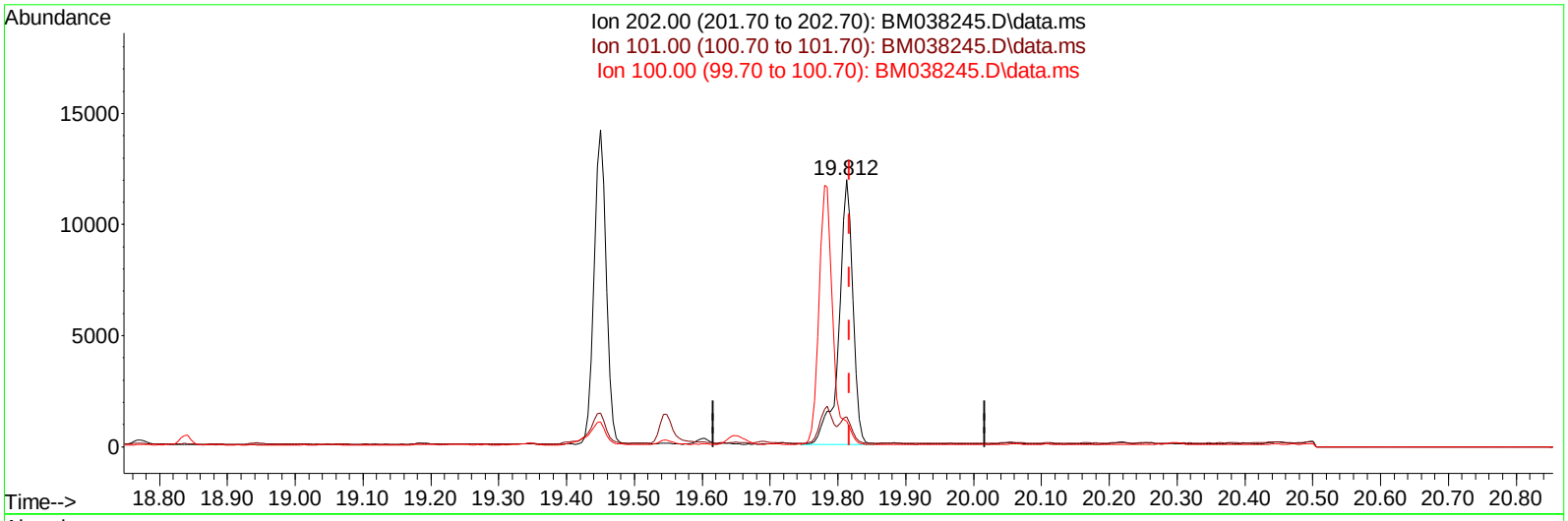
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038245.D
Acq On : 23 Dec 2022 22:46
Operator : CG/JU
Sample : N6014-18
Misc :
ALS Vial : 52 Sample Multiplier: 1

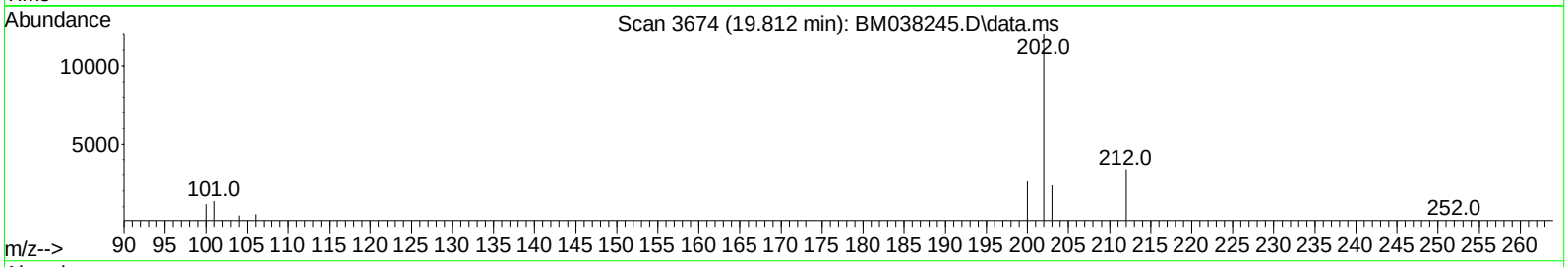
Quant Time: Dec 24 02:10:59 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 23:36:45 2022
Response via : Initial Calibration

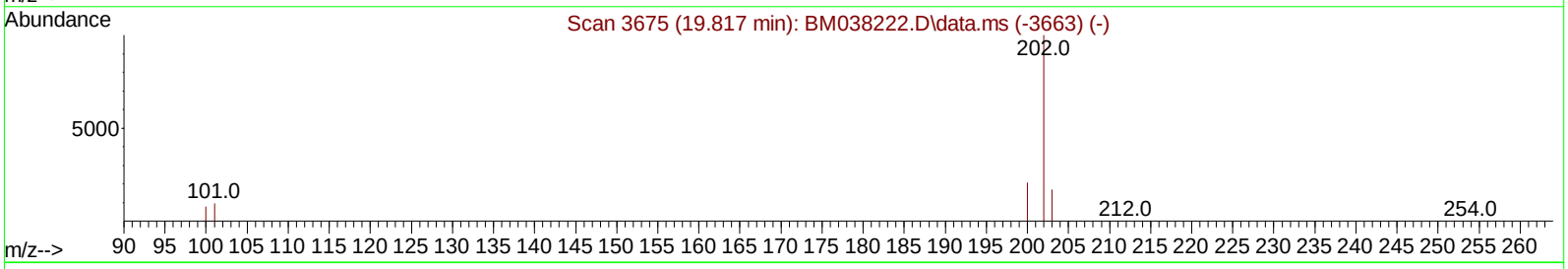
Instrument :
BNA_M
ClientSampleId :
DBXS8

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022







TIC: BM038245.D\data.ms

(20) Pyrene

19.812min (-0.004) 0.36 ng/ul

response 16840

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.10	11.22
100.00	9.20	9.46
0.00	0.00	0.00

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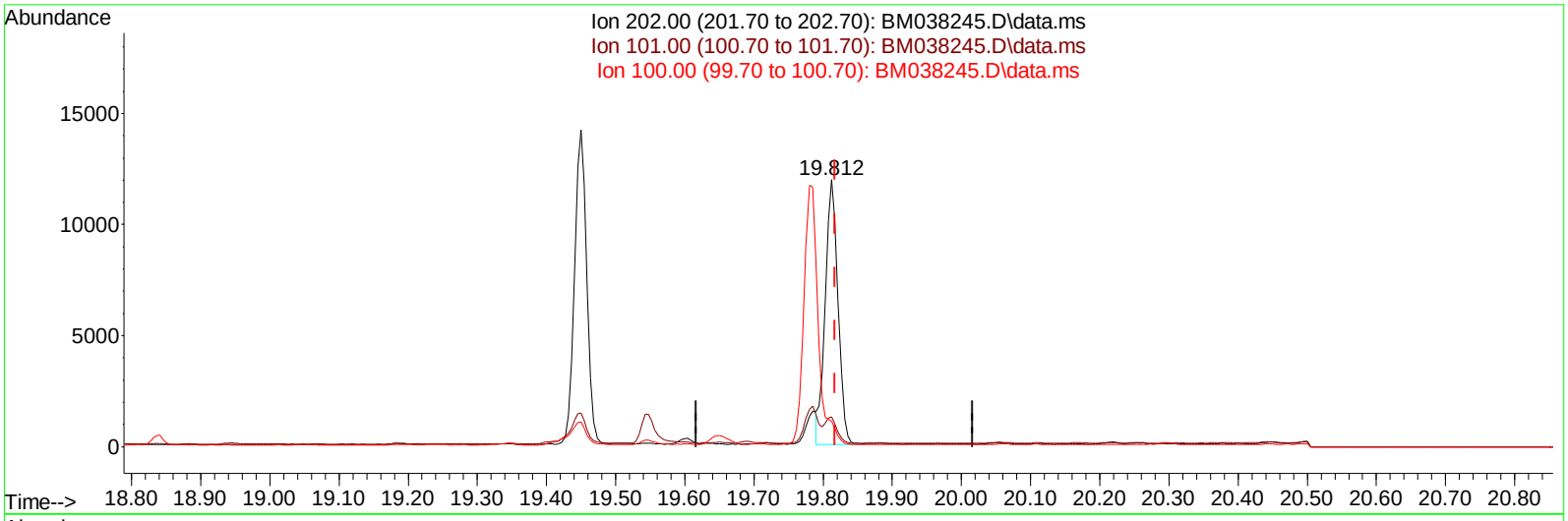

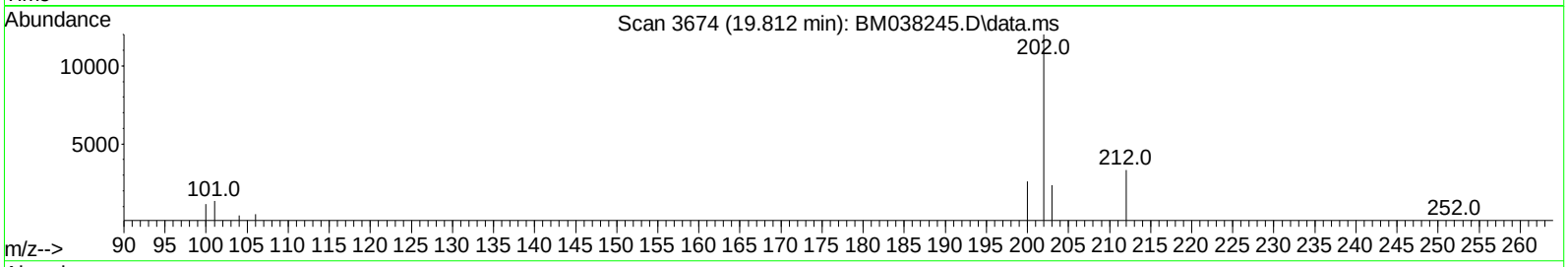

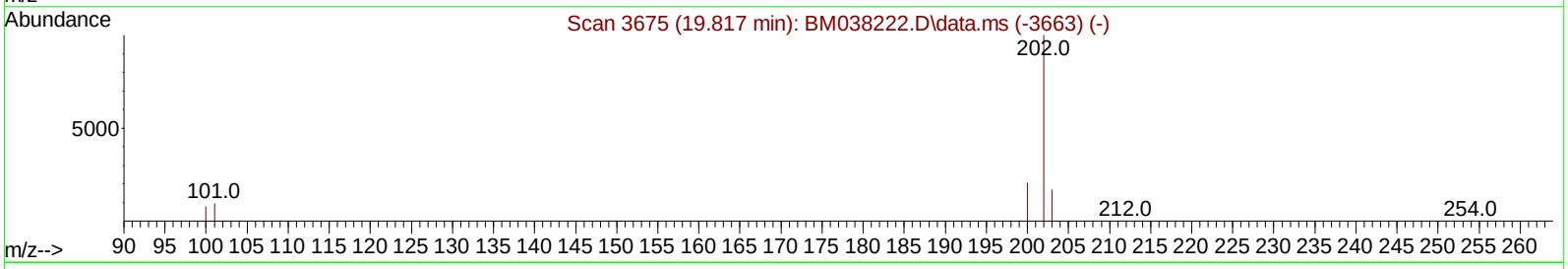

TIC: BM038245.D\data.ms

(20) Pyrene

19.812min (-0.004) 0.33 ng/ul m

response 15290

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.10	11.22
100.00	9.20	9.46
0.00	0.00	0.00

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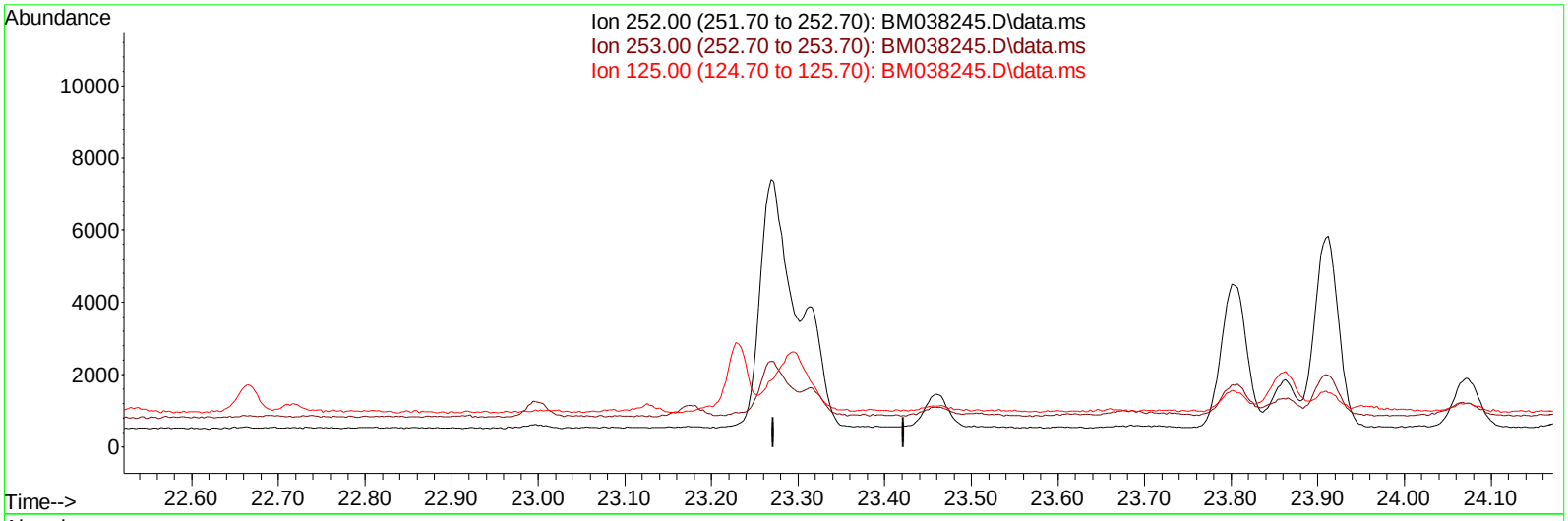

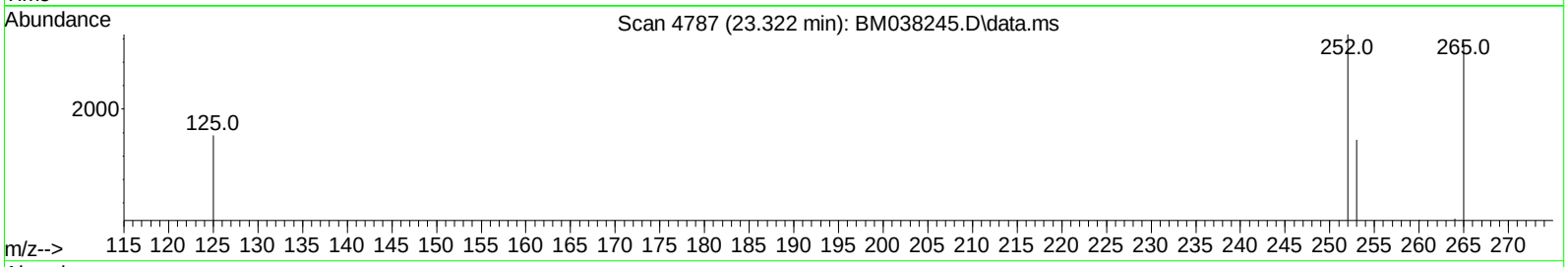

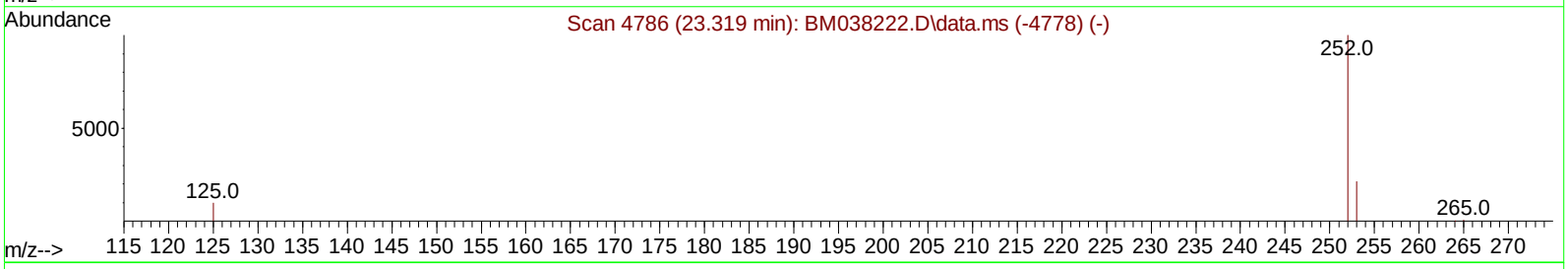

TIC: BM038245.D\data.ms

(25) Benzo(k)fluoranthene

23.322min (-23.322) 0.00 ng/ul

response 0

Ion	Exp%	Act%
252.00	100.00	0.00
253.00	28.10	0.00#
125.00	18.00	0.00#
0.00	0.00	0.00

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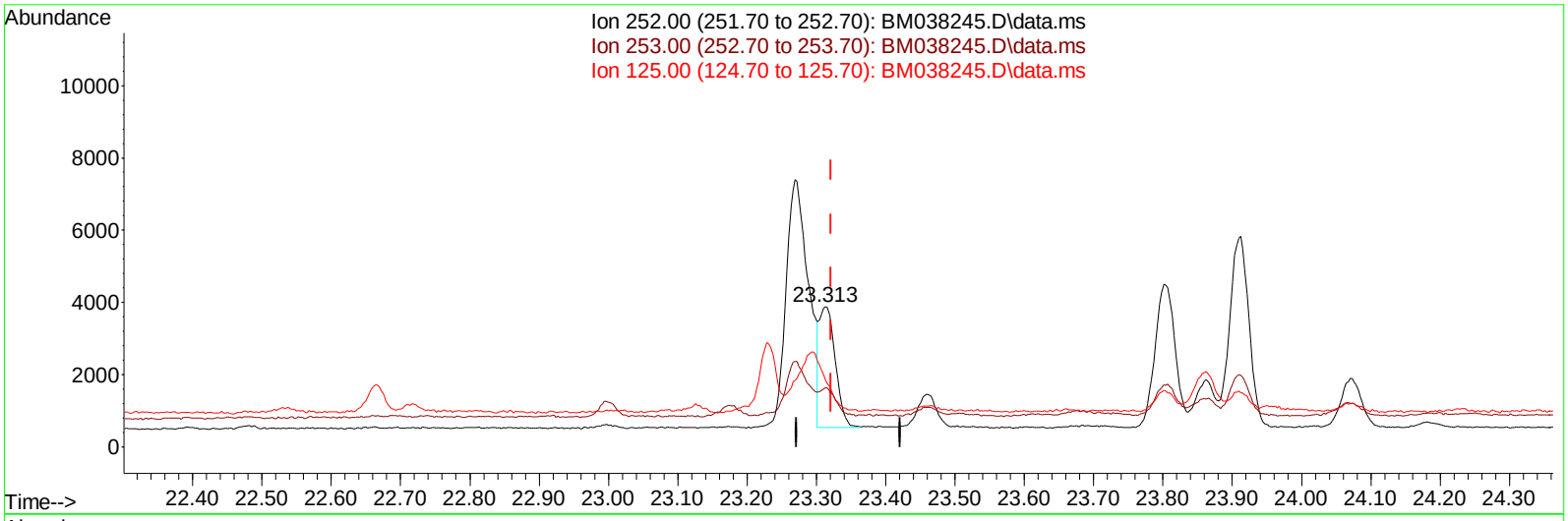

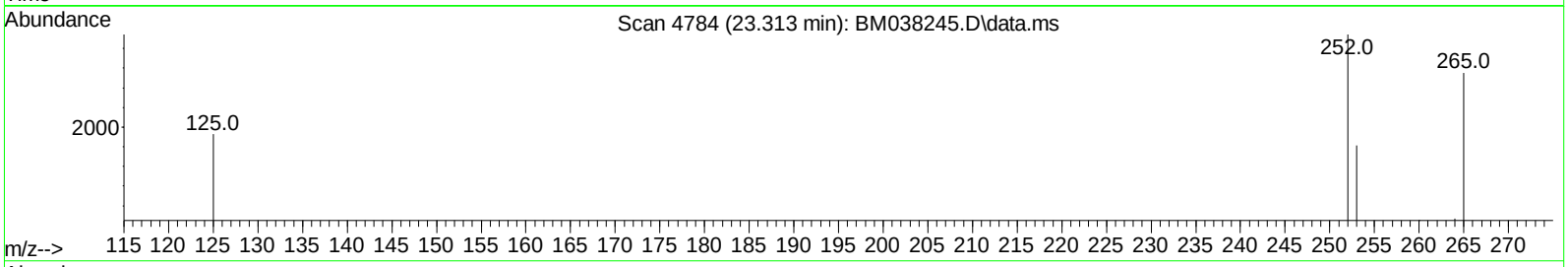

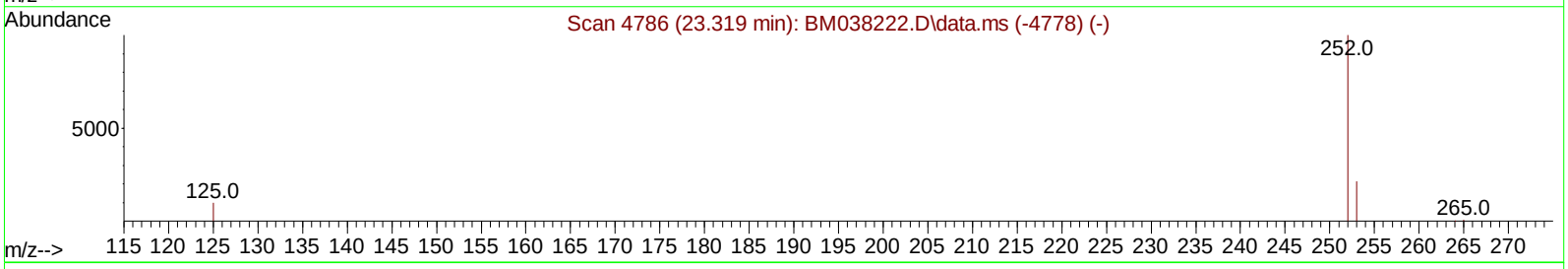

TIC: BM038245.D\data.ms

(25) Benzo(k)fluoranthene

23.313min (-0.009) 0.14 ng/ul m

response 5271

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.10	41.79#
125.00	18.00	47.76#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Supervised By :Yogesh Patel 12/24/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.034	152	4050	0.400	ng/ul		0.00
4) Naphthalene-d8	10.845	136	12049	0.400	ng/ul		-0.01
9) Acenaphthene-d10	14.661	164	6814	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.400	188	13267	0.400	ng/ul		0.00
17) Chrysene-d12	21.571	240	8365	0.400	ng/ul	#	0.00
23) Perylene-d12	24.018	264	8618	0.400	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.393	96	15210	3.692	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.429	152	4730	0.267	ng/ul		0.00
18) Fluoranthene-d10	19.422	212	8764	0.279	ng/ul		0.00
Target Compounds							Qvalue
5) Naphthalene	10.895	128	881	0.025	ng/ul	#	78
7) 2-Methylnaphthalene	12.500	142	468	0.021	ng/ul		96
15) Phenanthrene	17.443	178	6516	0.147	ng/ul		96
16) Anthracene	17.531	178	1183	0.028	ng/ul	#	76
19) Fluoranthene	19.450	202	17599	0.384	ng/ul		97
20) Pyrene	19.812	202	15290m	0.330	ng/ul		
21) Benzo(a)anthracene	21.553	228	7629	0.208	ng/ul	#	92
22) Chrysene	21.606	228	9479	0.265	ng/ul		95
24) Benzo(b)fluoranthene	23.269	252	15312	0.401	ng/ul		90
25) Benzo(k)fluoranthene	23.313	252	5271m	0.144	ng/ul		
26) Benzo(a)pyrene	23.912	252	10297	0.309	ng/ul		92
27) Indeno(1,2,3-cd)pyrene	26.575	276	9176	0.199	ng/ul	#	91
28) Dibenzo(a,h)anthracene	26.585	278	2230	0.062	ng/ul	#	26
29) Benzo(g,h,i)perylene	27.370	276	9613	0.247	ng/ul		94

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

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