Quantitation Report (Qedit)

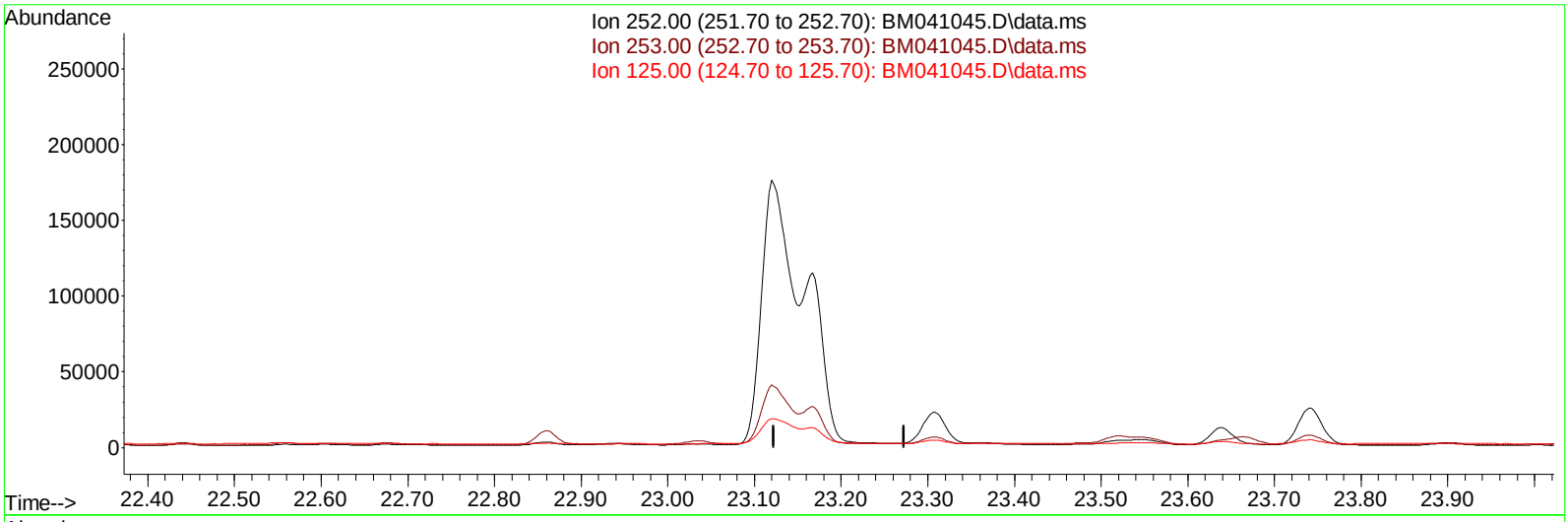
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
Data File : BM041045.D
Acq On : 22 Jul 2023 09:02
Operator : MA/JU
Sample : 03540-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

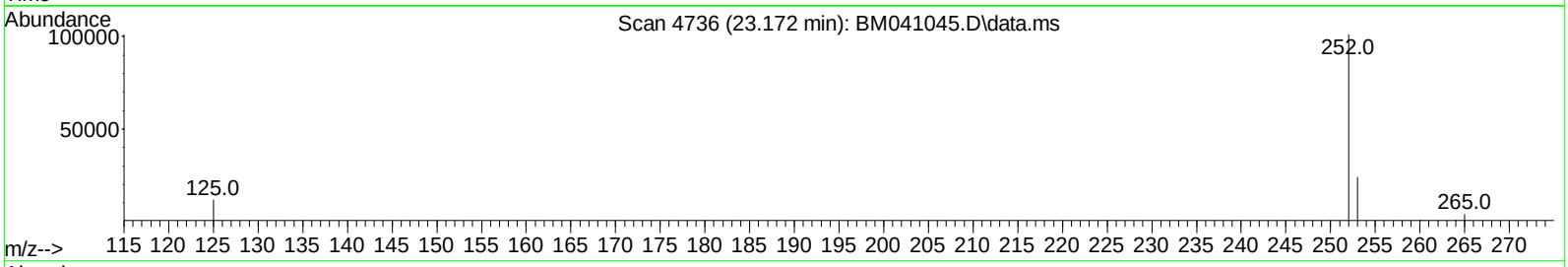
Quant Time: Jul 22 22:35:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 22 22:33:48 2023
Response via : Initial Calibration

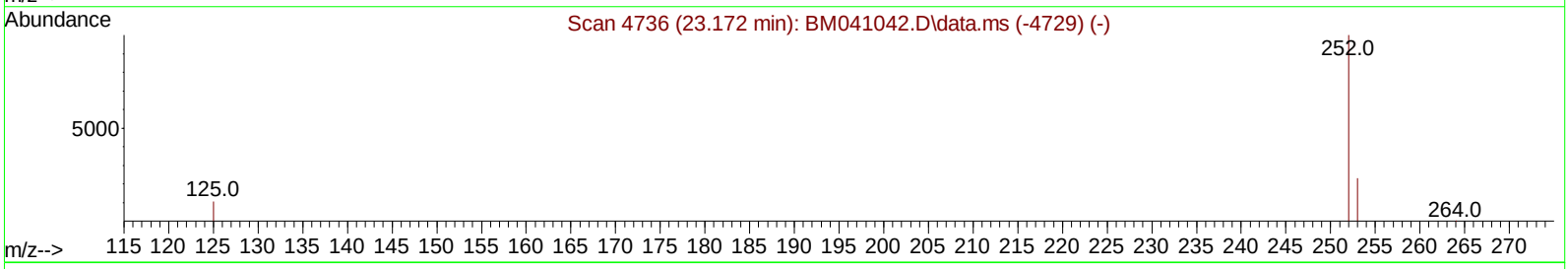
Instrument :
BNA_M
ClientSampleId :
A4732

Manual IntegrationsAPPROVED

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







TIC: BM041045.D\data.ms

(25) Benzo(k)fluoranthene

23.172min (-23.172) 0.00 ng/ul

response 0

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

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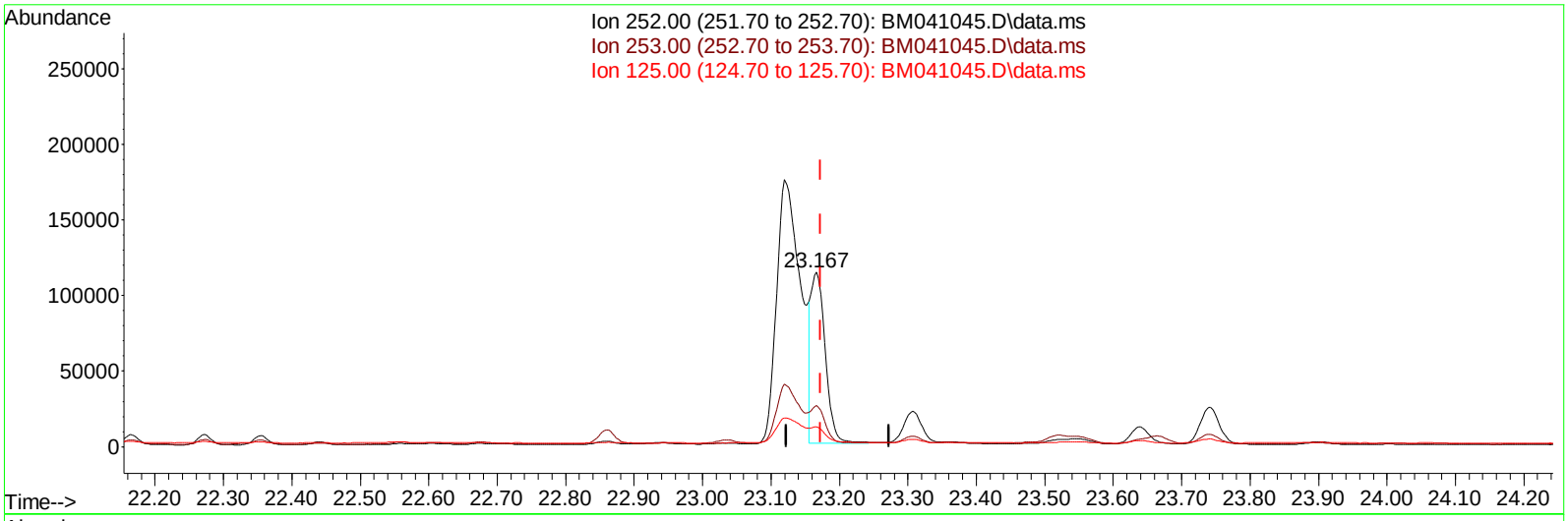

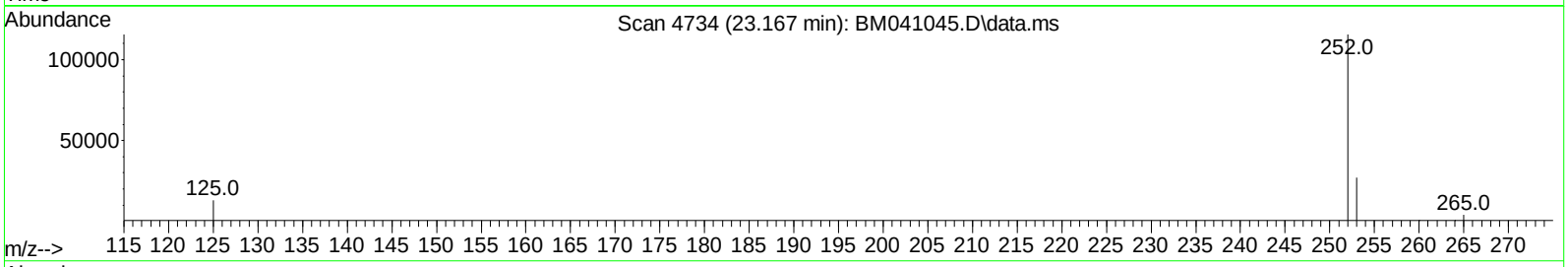

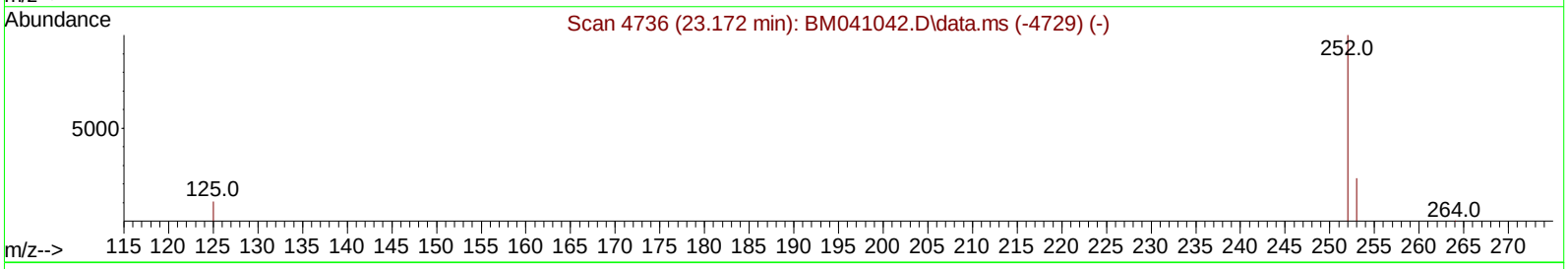

TIC: BM041045.D\data.ms

(25) Benzo(k)fluoranthene

23.167min (-0.006) 3.10 ng/ul m

response 166223

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.10	23.48
125.00	22.70	11.40#
0.00	0.00	0.00

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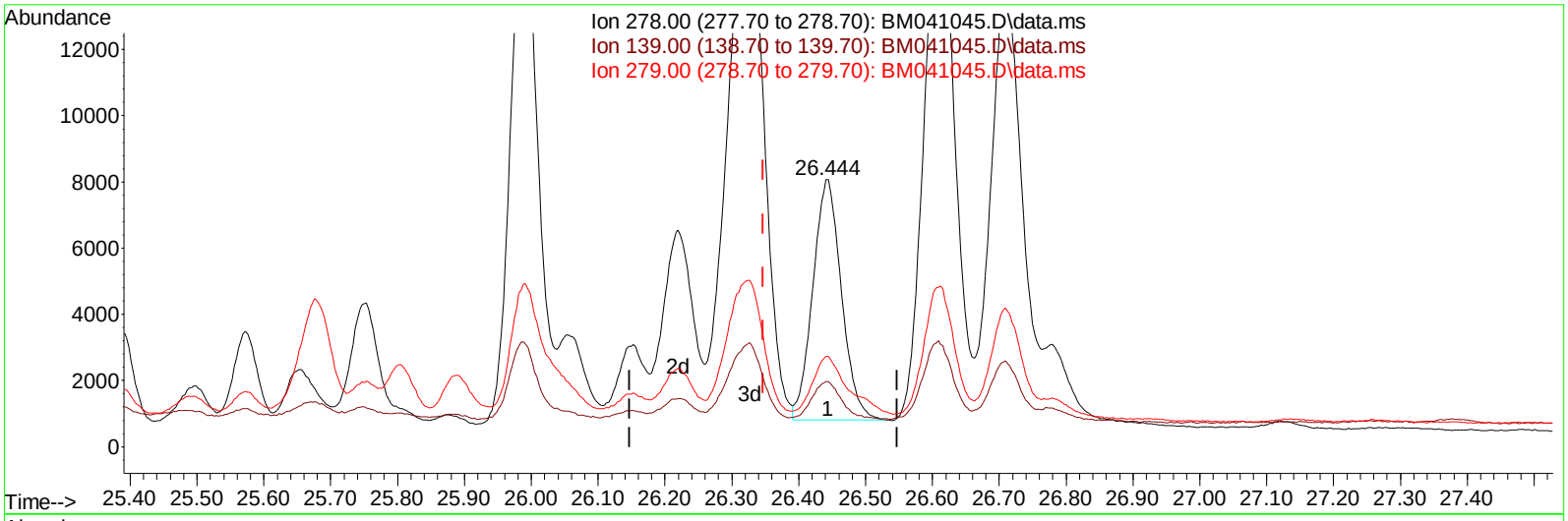

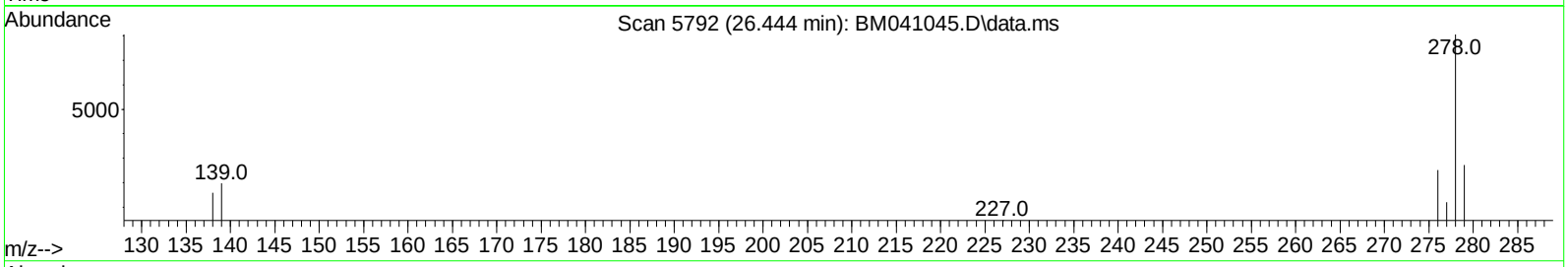

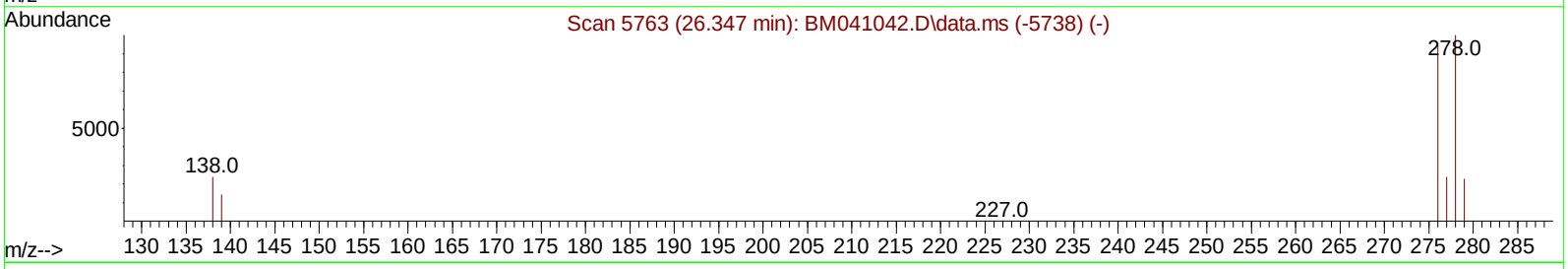

TIC: BM041045.D\data.ms

(28) Dibenzo(a,h)anthracene

26.444min (+ 0.097) 0.44 ng/ul

response 21623

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	24.00	24.36
279.00	33.80	33.75
0.00	0.00	0.00

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ClientSampleId :
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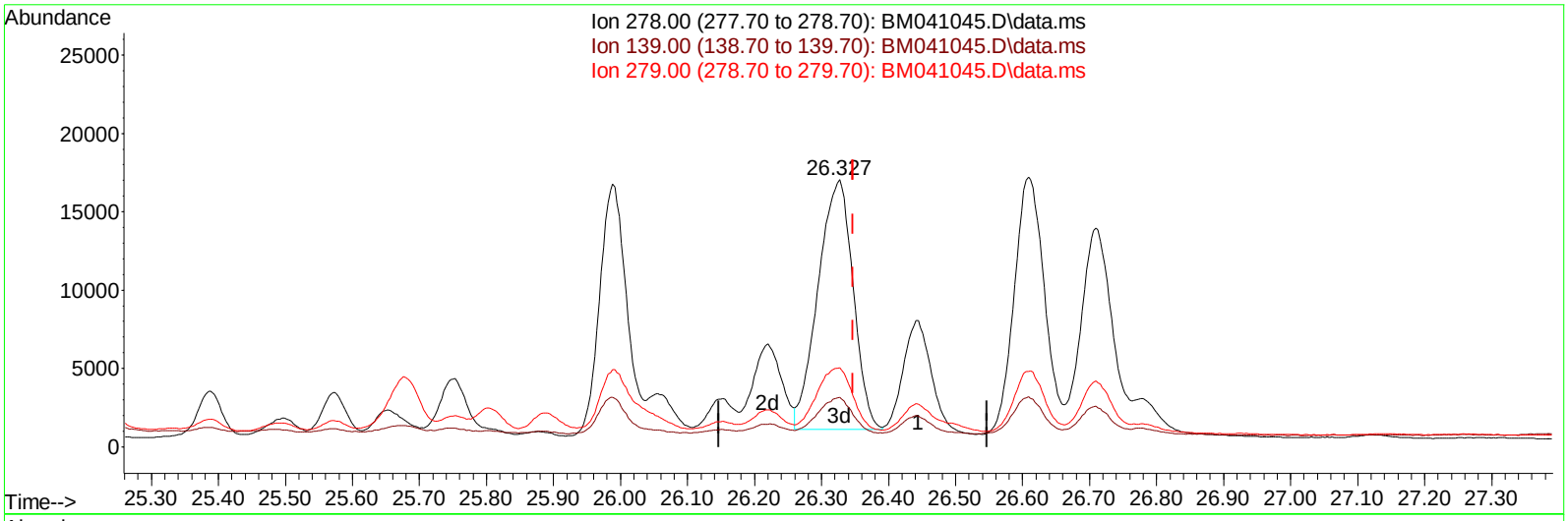

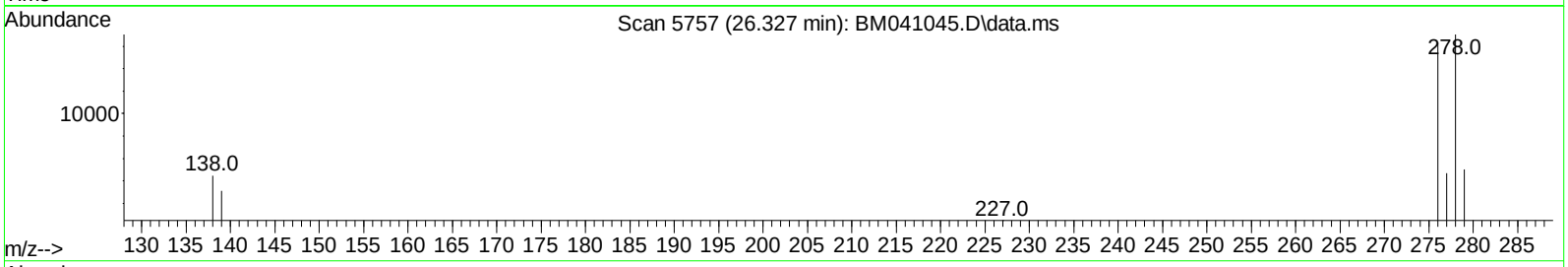

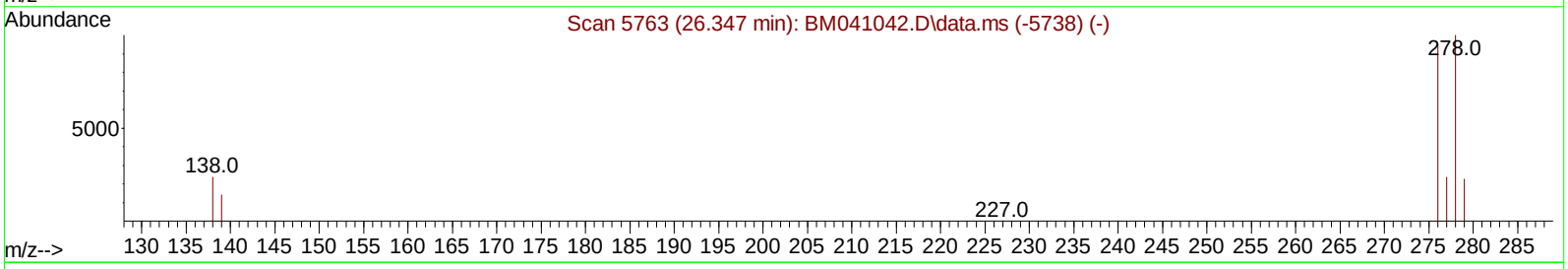

TIC: BM041045.D\data.ms

(28) Dibenzo(a,h)anthracene

26.327min (-0.020) 1.18 ng/ul m

response 57882

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	24.00	18.47#
279.00	33.80	29.51
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	4352	0.400	ng/ul	0.00
4) Naphthalene-d8	10.658	136	14469	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.509	164	8245	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.265	188	23307	0.400	ng/ul	0.00
17) Chrysene-d12	21.460	240	11627	0.400	ng/ul	0.00
23) Perylene-d12	23.851	264	14719	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	9344	1.306	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.253	152	5571	0.289	ng/ul	-0.01
18) Fluoranthene-d10	19.296	212	11215	0.229	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.707	128	7926	0.200	ng/ul	96
7) 2-Methylnaphthalene	12.330	142	4381	0.202	ng/ul	100
8) 1-Methylnaphthalene	12.550	142	5170	0.224	ng/ul	97
10) Acenaphthylene	14.231	152	31240	0.905	ng/ul	99
11) Acenaphthene	14.573	153	36689	1.205	ng/ul	97
12) Fluorene	15.563	166	51739	1.642	ng/ul	98
14) Pentachlorophenol	16.923	266	180	0.038	ng/ul	92
15) Phenanthrene	17.307	178	785280	11.272	ng/ul	98
16) Anthracene	17.396	178	150237	2.768	ng/ul	97
19) Fluoranthene	19.329	202	1108890	18.472	ng/ul#	92
20) Pyrene	19.691	202	401032	6.539	ng/ul#	92
21) Benzo(a)anthracene	21.442	228	481371	13.591	ng/ul	99
22) Chrysene	21.498	228	424910	10.494	ng/ul	99
24) Benzo(b)fluoranthene	23.120	252	422542	7.479	ng/ul	84
25) Benzo(k)fluoranthene	23.167	252	166223m	3.097	ng/ul	
26) Benzo(a)pyrene	23.740	252	48443	0.993	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.310	276	60388	0.933	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.327	278	57882m	1.182	ng/ul	
29) Benzo(g,h,i)perylene	27.075	276	3150	0.053	ng/ul#	30

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

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