

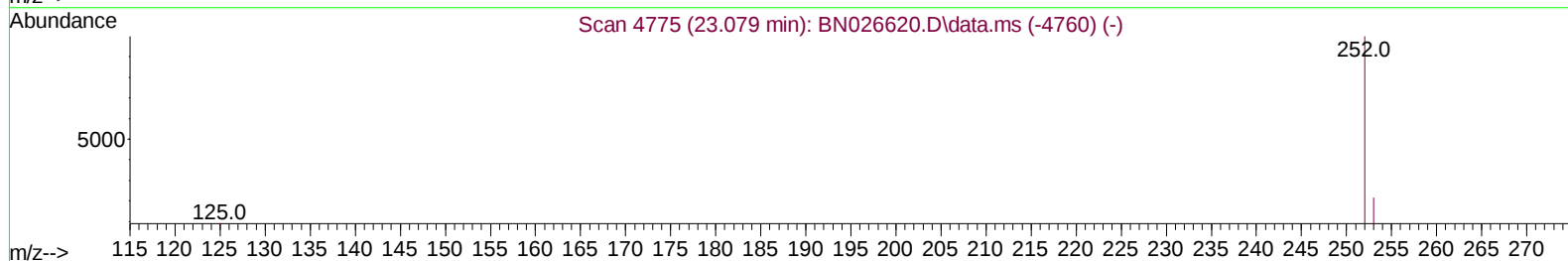
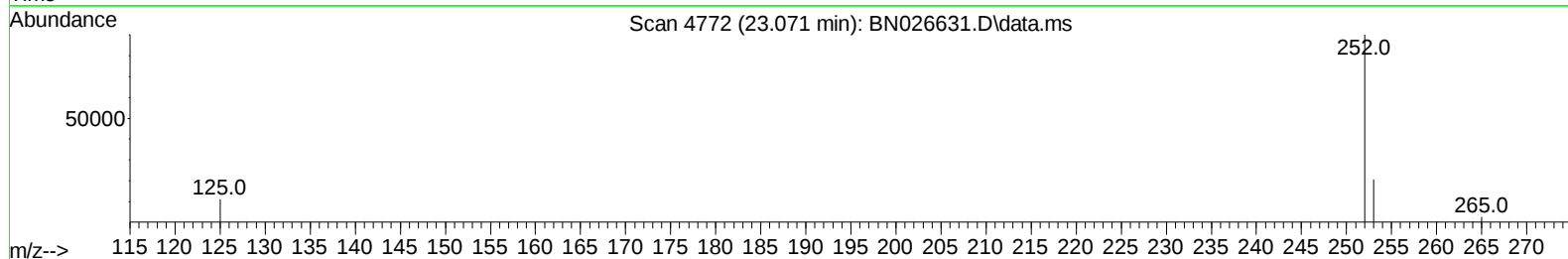
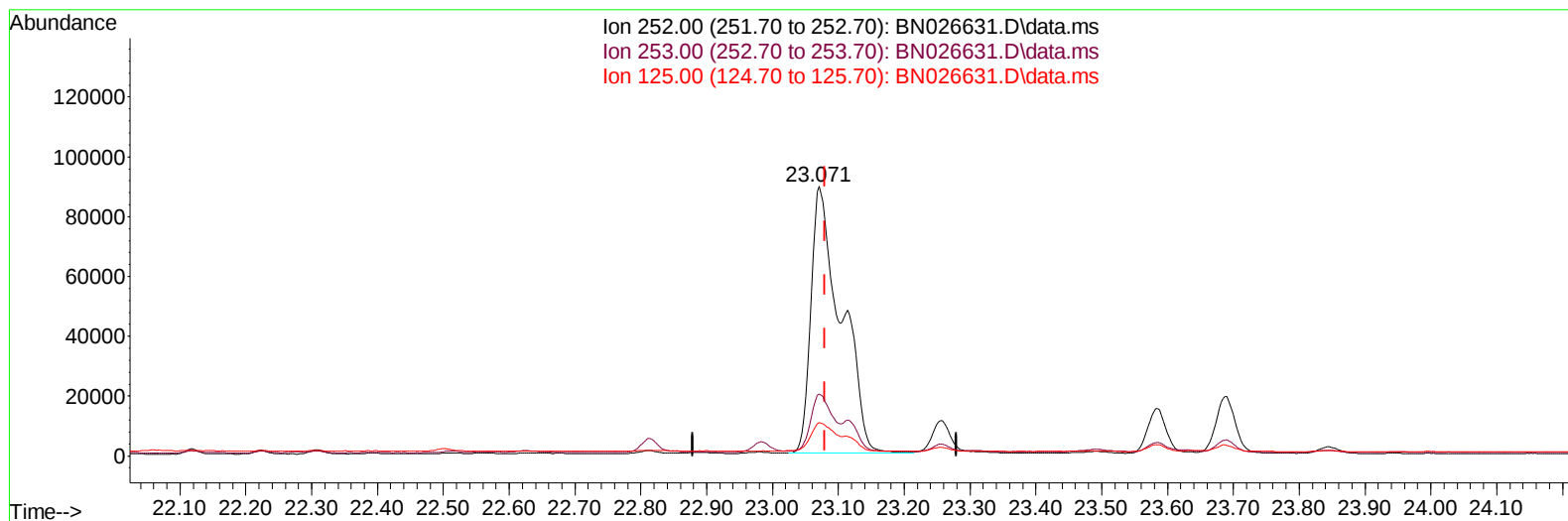
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
Data File : BN026631.D
Acq On : 21 Jul 2023 16:25
Operator : MA/JU
Sample : 03472-33
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A46T0

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023

Quant Time: Jul 22 00:28:38 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 21 19:02:16 2023
Response via : Initial Calibration



TIC: BN026631.D\data.ms

(24) Benzo(b)fluoranthene

23.071min (-0.009) 7.47 ng/u1

response 284444

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.30	23.09
125.00	17.00	12.36
0.00	0.00	0.00

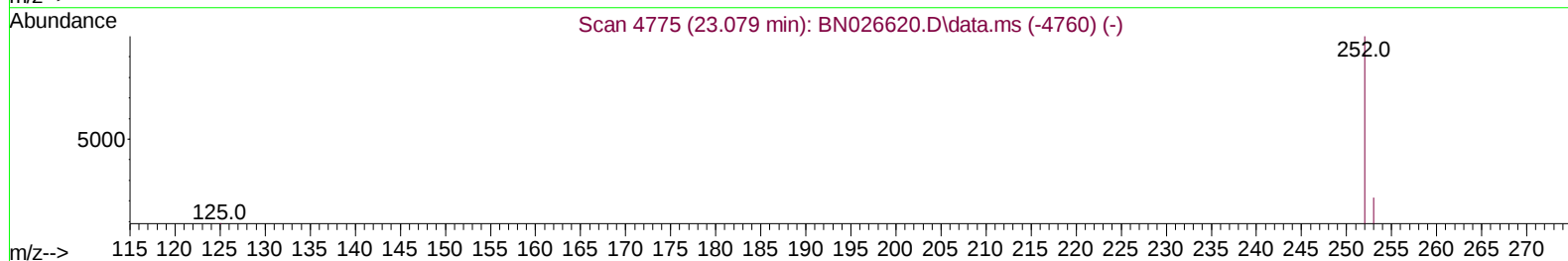
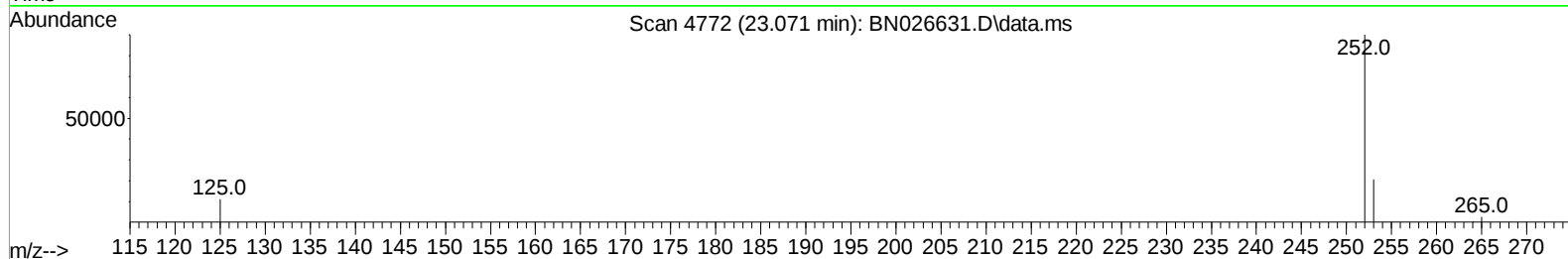
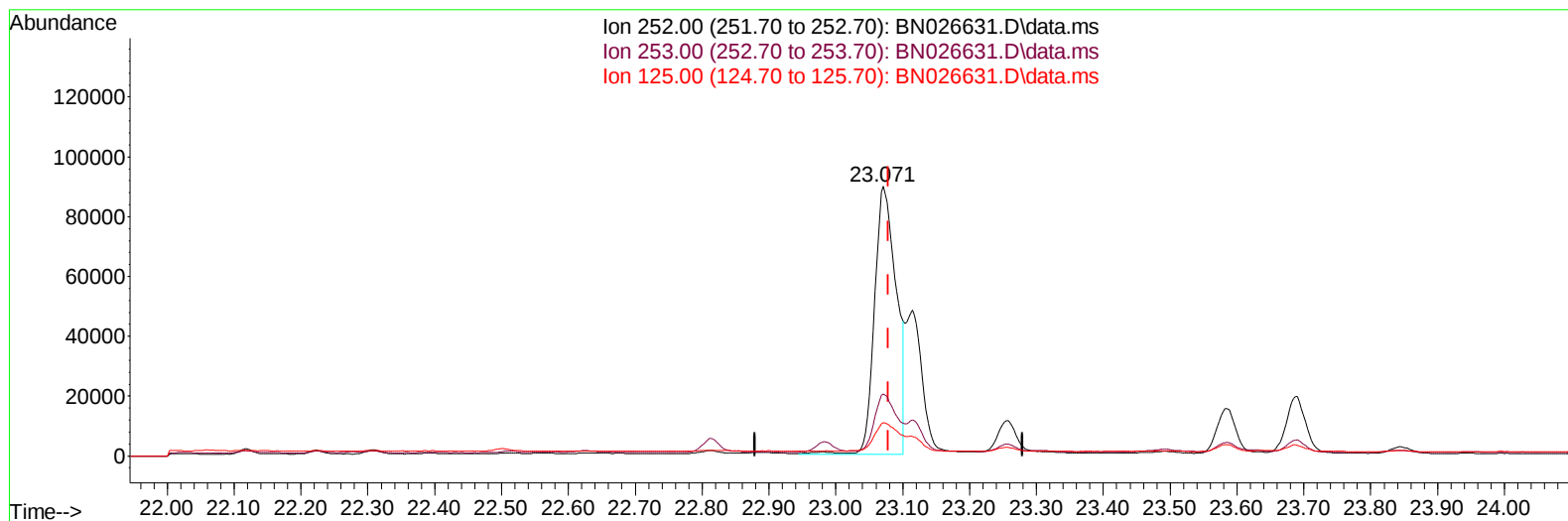
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Manual IntegrationsAPPROVED

Quant Time: Jul 21 19:05:25 2023
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TIC: BN026631.D\data.ms

(24) Benzo(b)fluoranthene

23.071min (-0.009) 5.29 ng/ul m

response 201525

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.30	23.09
125.00	17.00	12.36
0.00	0.00	0.00

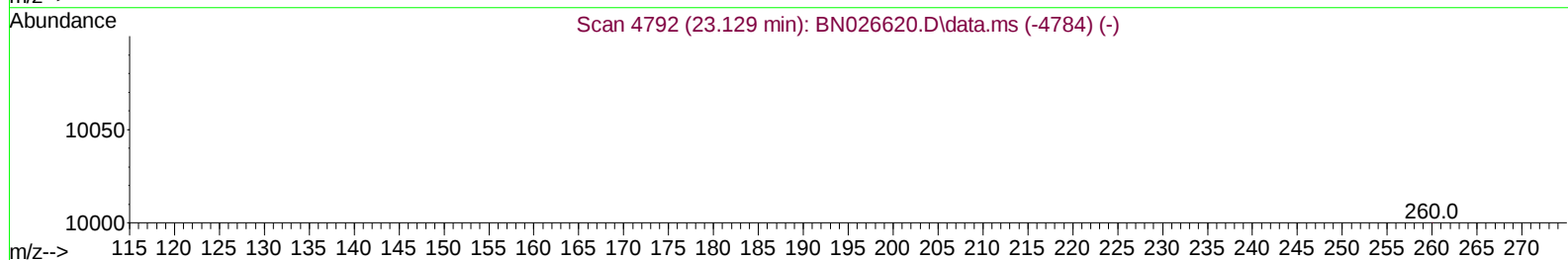
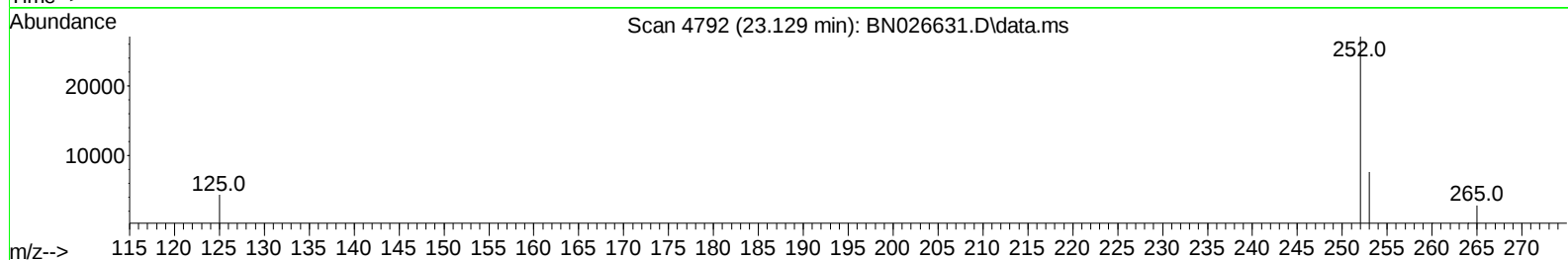
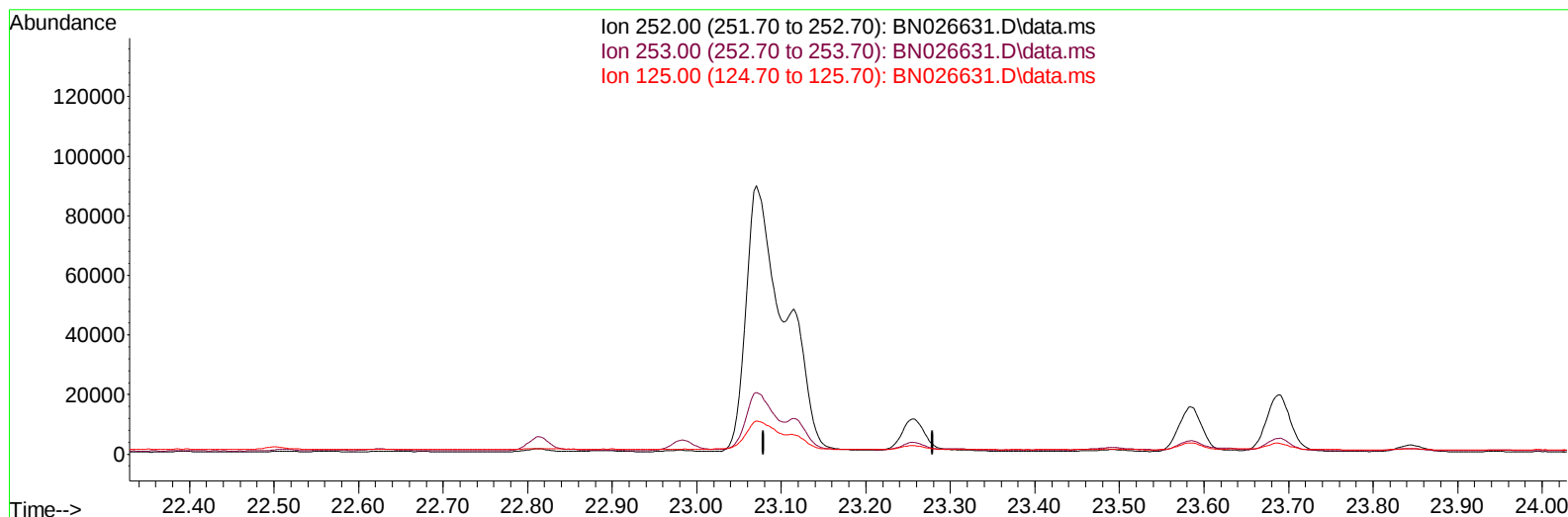
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TIC: BN026631.D\data.ms

(25) Benzo(k)fluoranthene

23.129min (-23.129) 0.00 ng/u1

response 0

Ion	Exp%	Act%
252.00	100.00	0.00
253.00	34.00	0.00#
125.00	16.80	0.00#
0.00	0.00	0.00

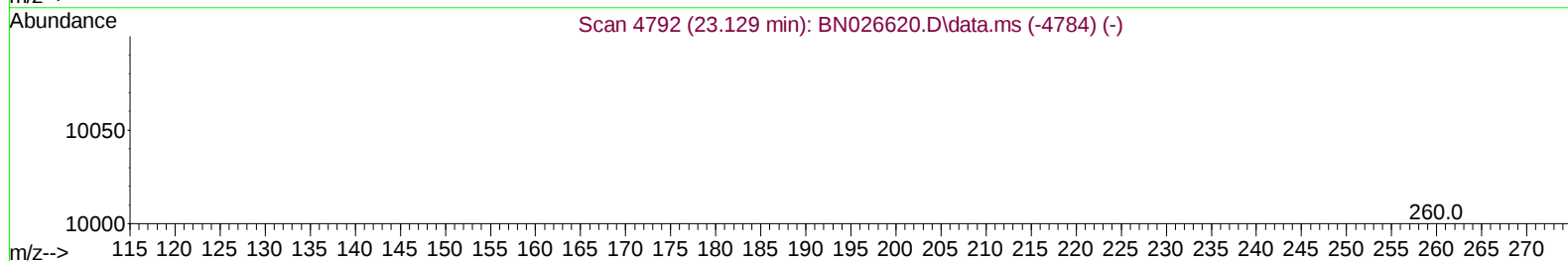
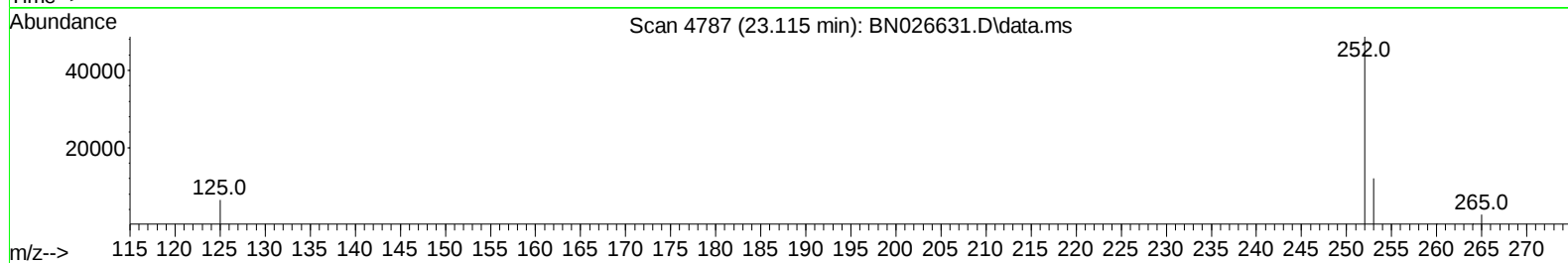
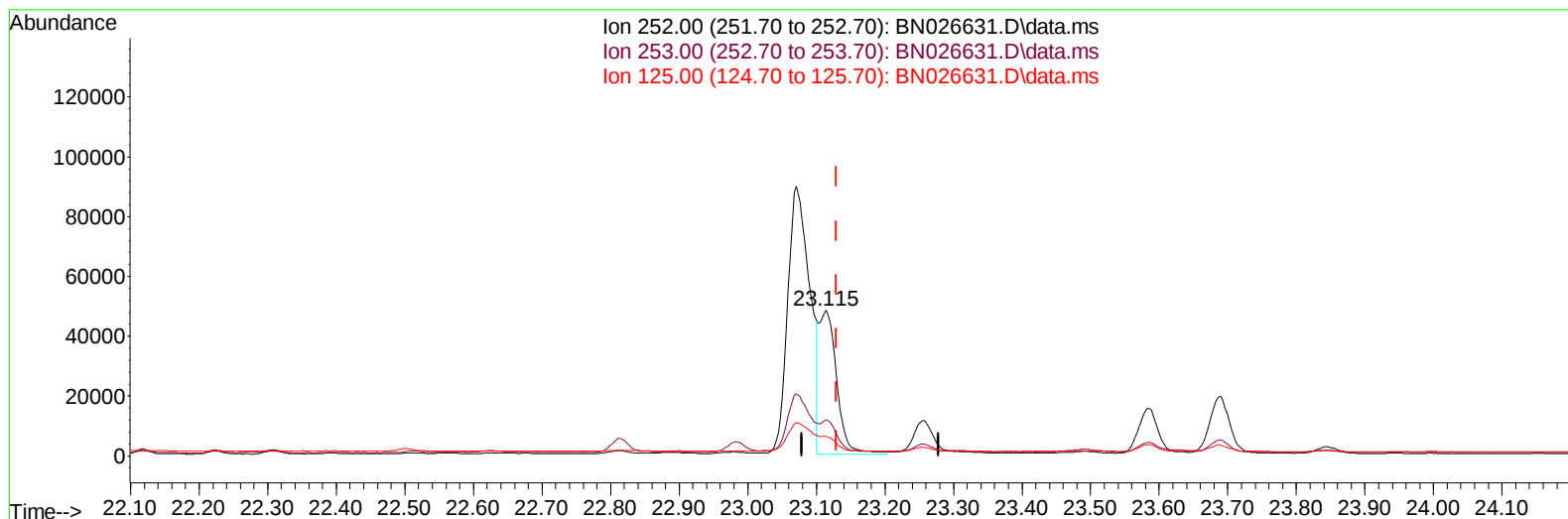
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 Supervised By :mohammad ahmed 07/22/2023



TIC: BN026631.D\data.ms

(25) Benzo(k)fluoranthene

23.115min (-0.015) 2.19 ng/u1 m

response 87573

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	24.61#
125.00	16.80	13.46
0.00	0.00	0.00

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 ALS Vial : 42 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	2463	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.630	136	8385	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.472	164	5257	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.215	188	13061	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.419	240	10860	0.400	ng/ul	0.00
23) Perylene-d12	23.793	264	9777	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	3254	1.003	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.225	152	3348	0.294	ng/ul	-0.02
18) Fluoranthene-d10	19.246	212	9708	0.258	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.229	88	451	0.147	ng/ul#	1
5) Naphthalene	10.680	128	10157	0.441	ng/ul	100
7) 2-Methylnaphthalene	12.297	142	2795	0.214	ng/ul	99
8) 1-Methylnaphthalene	12.517	142	2355	0.168	ng/ul	97
10) Acenaphthylene	14.189	152	13723	0.533	ng/ul	99
11) Acenaphthene	14.532	153	16469	0.840	ng/ul	99
12) Fluorene	15.517	166	18073	0.878	ng/ul	100
15) Phenanthrene	17.257	178	267980	6.442	ng/ul	97
16) Anthracene	17.350	178	47273	1.310	ng/ul	96
19) Fluoranthene	19.278	202	498497	9.793	ng/ul	99
20) Pyrene	19.641	202	300222	5.431	ng/ul#	97
21) Benzo(a)anthracene	21.402	228	187678	4.703	ng/ul	100
22) Chrysene	21.454	228	185096	4.075	ng/ul	98
24) Benzo(b)fluoranthene	23.071	252	201525m	5.291	ng/ul	
25) Benzo(k)fluoranthene	23.115	252	87573m	2.194	ng/ul	
26) Benzo(a)pyrene	23.688	252	38675	1.141	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.237	276	51096	1.150	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.244	278	19438	0.570	ng/ul	92
29) Benzo(g,h,i)perylene	27.009	276	2805	0.071	ng/ul#	56

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

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