Quantitation Report (Qedit)

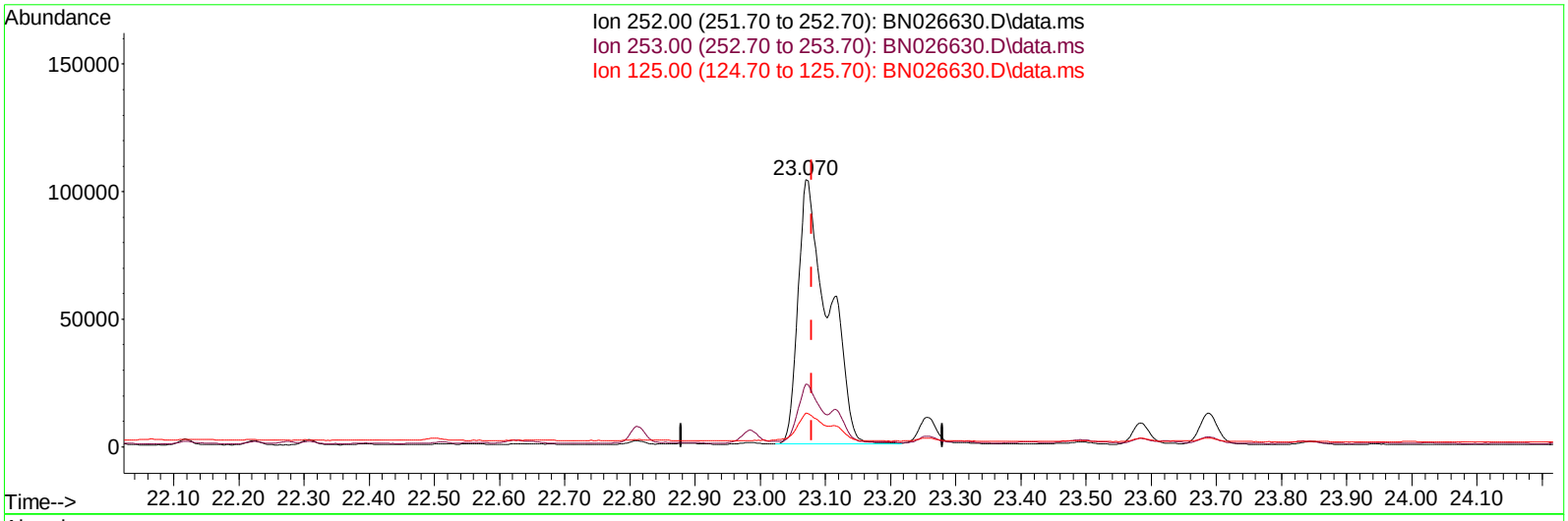
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
Data File : BN026630.D
Acq On : 21 Jul 2023 15:48
Operator : MA/JU
Sample : 03472-32
Misc :
ALS Vial : 41 Sample Multiplier: 1

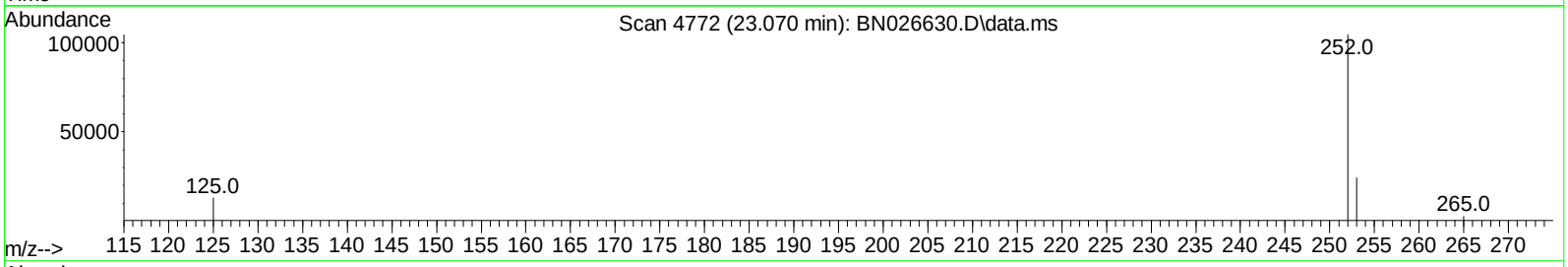
Quant Time: Jul 22 00:27:22 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 21 19:02:16 2023
Response via : Initial Calibration

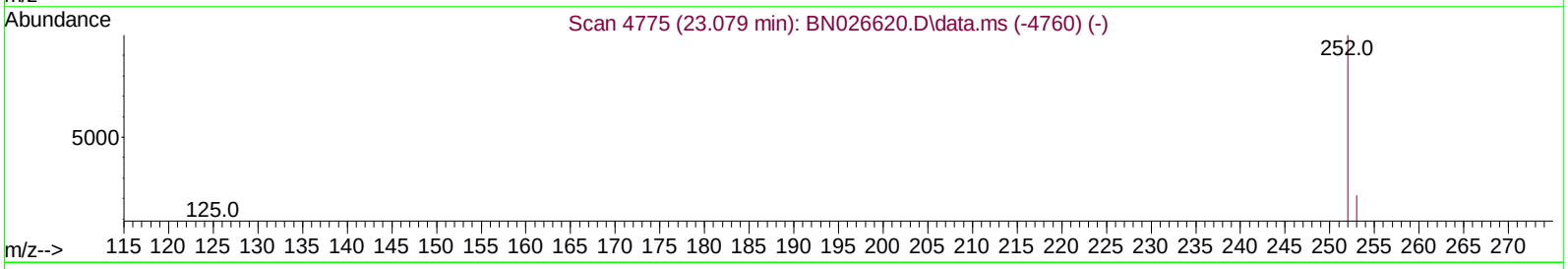
Instrument :
BNA_N
ClientSampleId :
A46S7

Manual IntegrationsAPPROVED

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







TIC: BN026630.D\data.ms

(24) Benzo(b)fluoranthene

23.070min (-0.009) 8.82 ng/ul

response 332267

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.30	23.41
125.00	17.00	12.54
0.00	0.00	0.00

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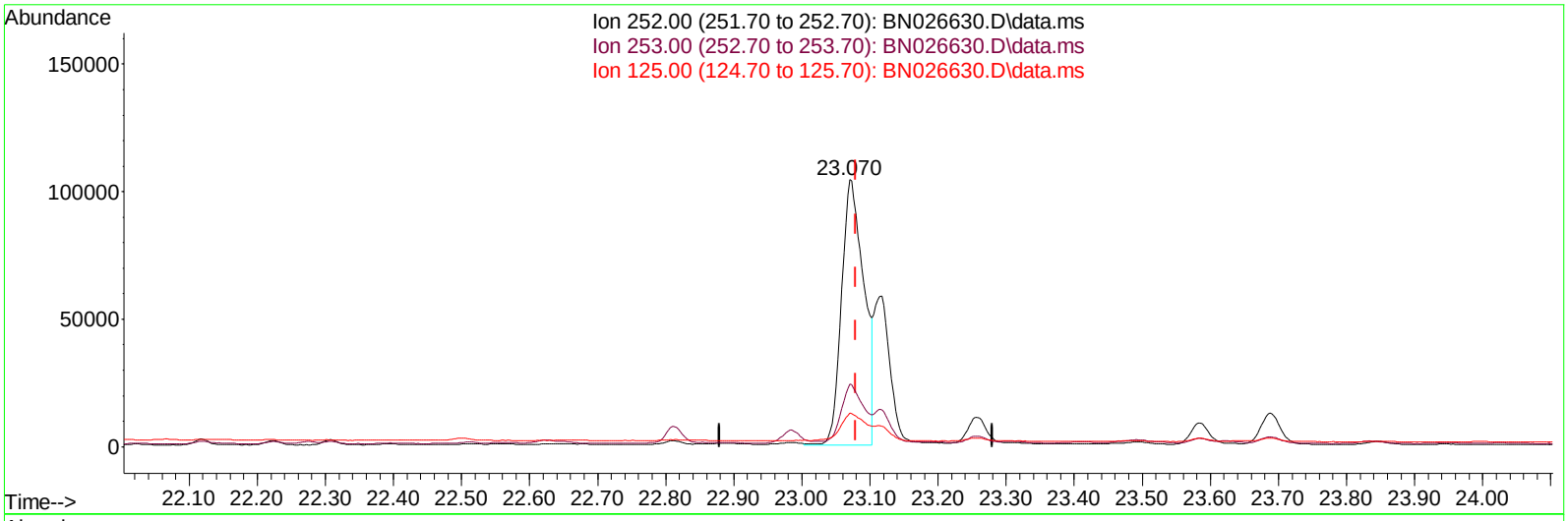

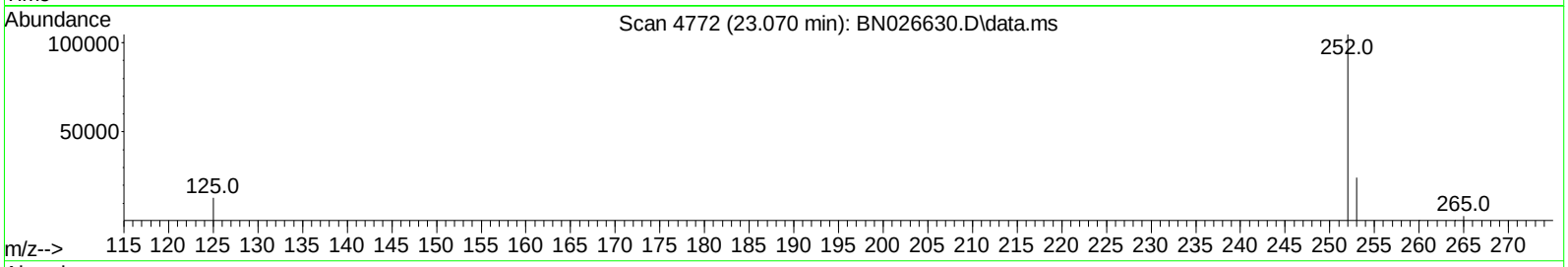

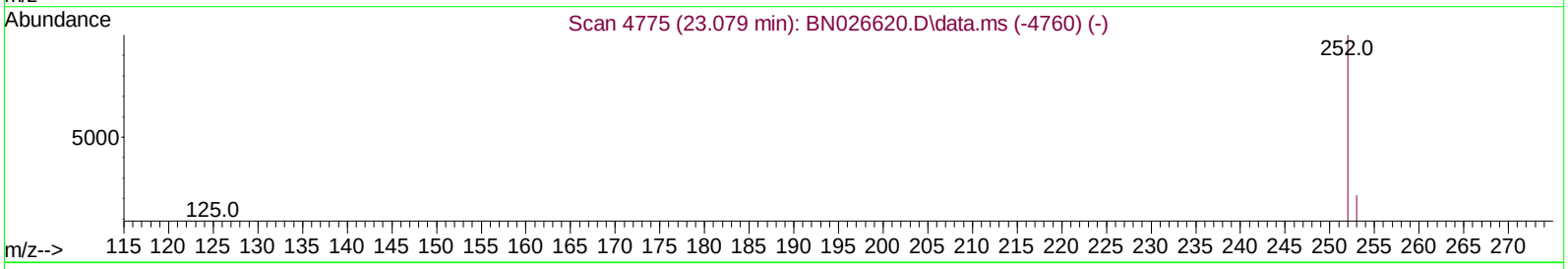

TIC: BN026630.D\data.ms

(24) Benzo(b)fluoranthene

23.070min (-0.009) 6.32 ng/ul m

response 238236

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.30	23.41
125.00	17.00	12.54
0.00	0.00	0.00

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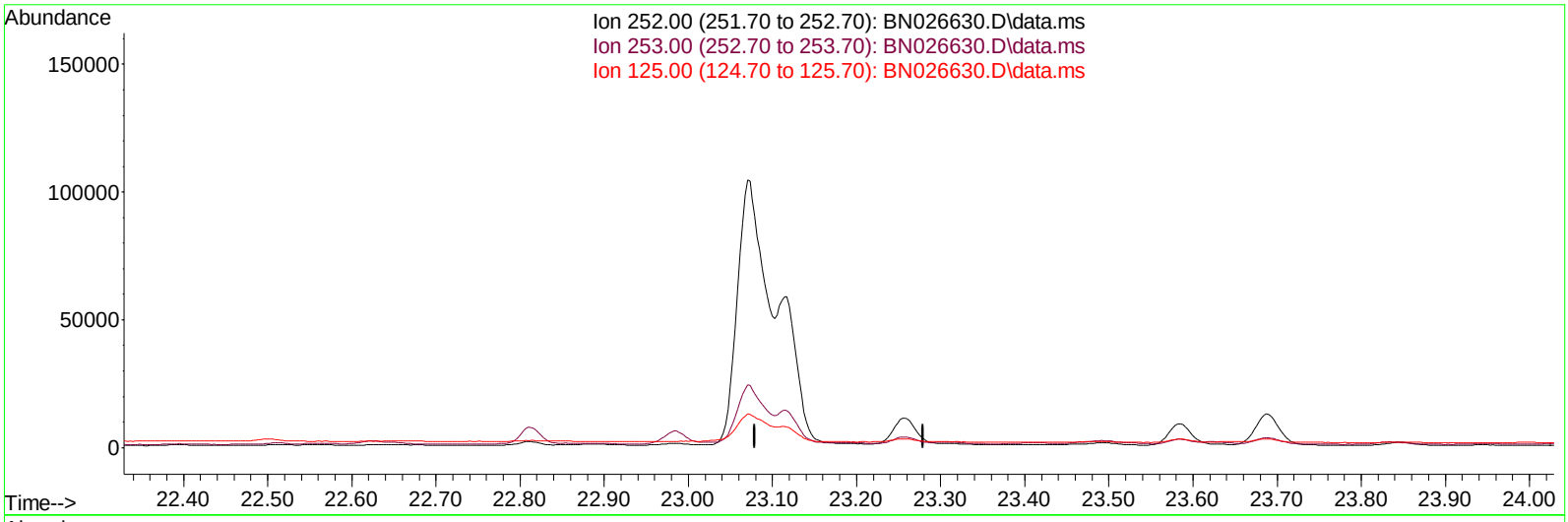

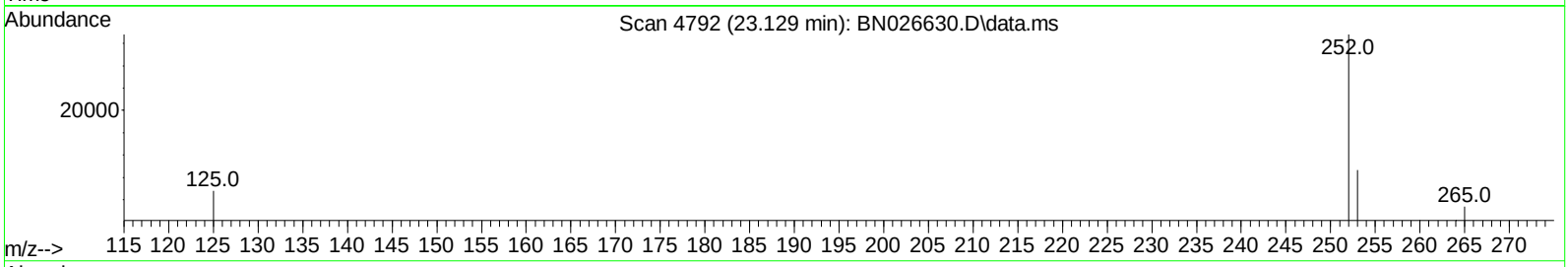

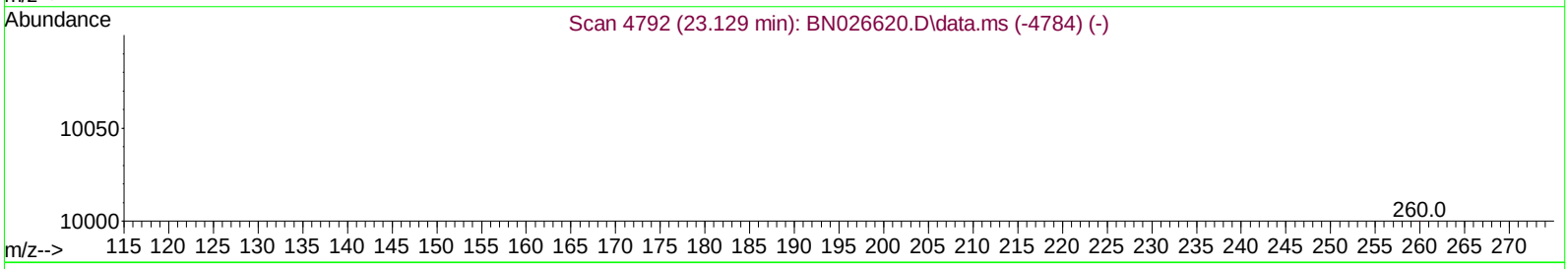

TIC: BN026630.D\data.ms

(25) Benzo(k)fluoranthene

23.129min (-23.129) 0.00 ng/ul

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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Manual IntegrationsAPPROVED

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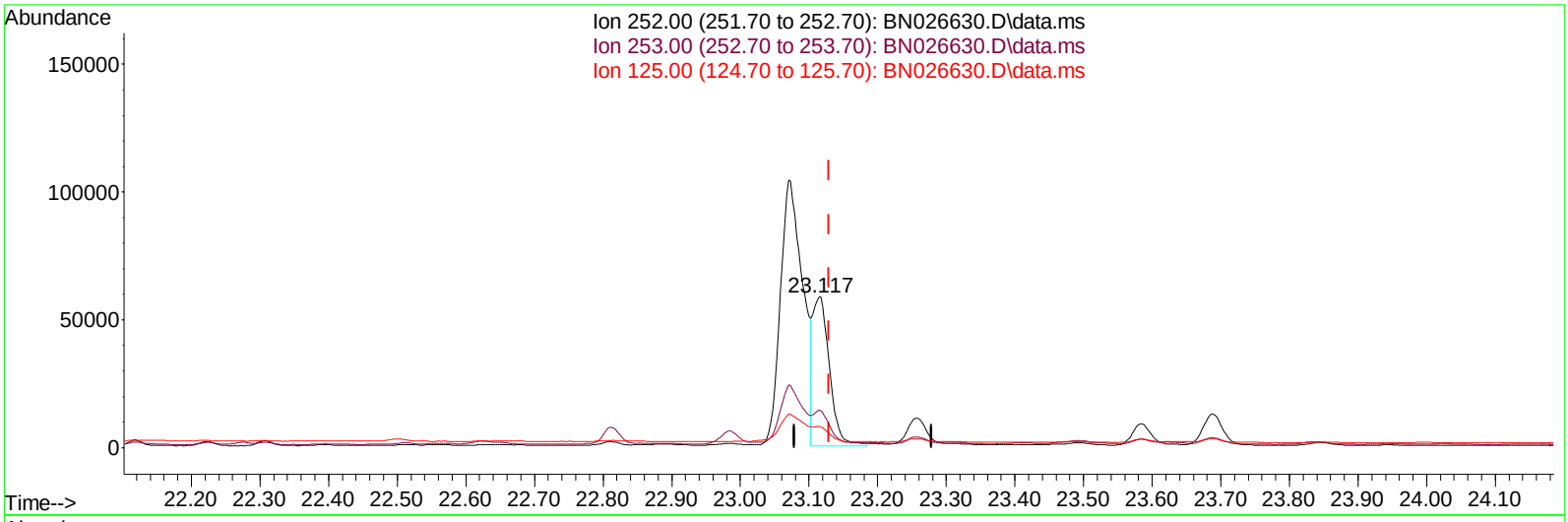

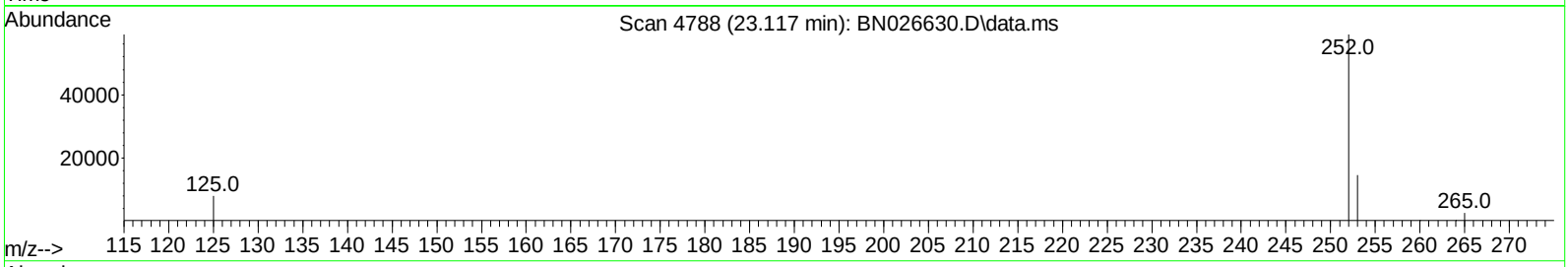

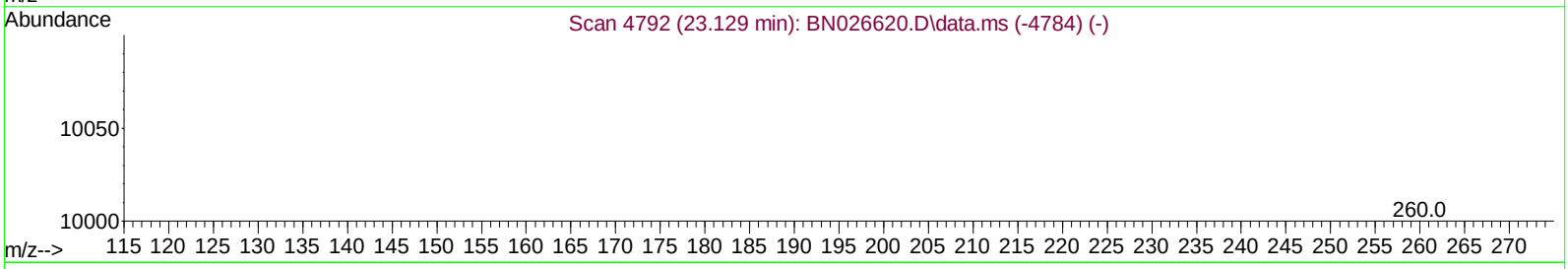

TIC: BN026630.D\data.ms

(25) Benzo(k)fluoranthene

23.117min (-0.012) 2.45 ng/ul m

response 96925

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	24.69#
125.00	16.80	13.79
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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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	7.827	152	2509	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.630	136	8506	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.471	164	5315	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.215	188	14382	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.419	240	10395	0.400	ng/ul	# 0.00
23) Perylene-d12	23.795	264	9673	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.203	96	4734	1.433	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.225	152	3861	0.334	ng/ul	-0.02
18) Fluoranthene-d10	19.245	212	10657	0.296	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.228	88	477	0.153	ng/ul#	1
5) Naphthalene	10.680	128	14492	0.620	ng/ul	99
7) 2-Methylnaphthalene	12.296	142	4549	0.343	ng/ul	98
8) 1-Methylnaphthalene	12.516	142	4007	0.282	ng/ul	100
10) Acenaphthylene	14.189	152	16093	0.618	ng/ul	99
11) Acenaphthene	14.531	153	15481	0.781	ng/ul	99
12) Fluorene	15.517	166	19954	0.959	ng/ul	99
14) Pentachlorophenol	16.881	266	167	0.046	ng/ul	92
15) Phenanthrene	17.257	178	322860	7.049	ng/ul	97
16) Anthracene	17.350	178	54905	1.381	ng/ul	96
19) Fluoranthene	19.278	202	585336	12.013	ng/ul	99
20) Pyrene	19.640	202	223813	4.230	ng/ul	97
21) Benzo(a)anthracene	21.399	228	229692	6.013	ng/ul	99
22) Chrysene	21.451	228	227379	5.229	ng/ul	99
24) Benzo(b)fluoranthene	23.070	252	238236m	6.322	ng/ul	
25) Benzo(k)fluoranthene	23.117	252	96925m	2.454	ng/ul	
26) Benzo(a)pyrene	23.687	252	24882	0.742	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.240	276	37355	0.849	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.247	278	24692	0.732	ng/ul#	91
29) Benzo(g,h,i)perylene	27.005	276	1682	0.043	ng/ul#	26

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

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