Quantitation Report (Qedit)

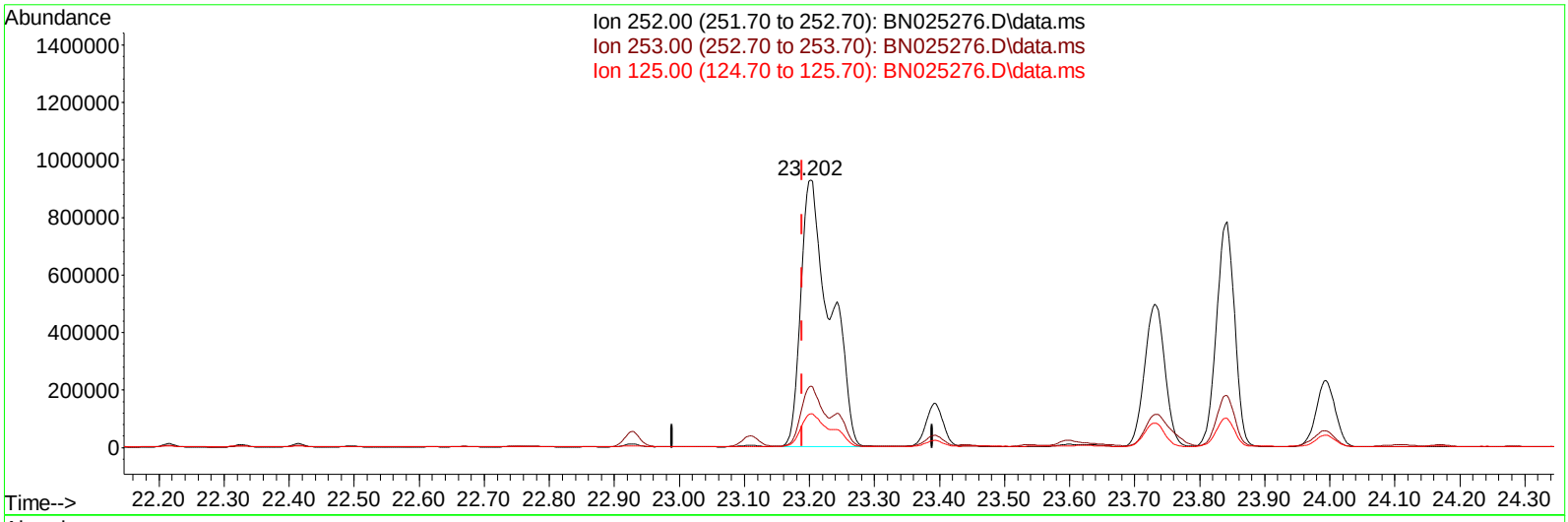
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050523\
Data File : BN025276.D
Acq On : 05 May 2023 12:31
Operator : CG/JU
Sample : 02447-22DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

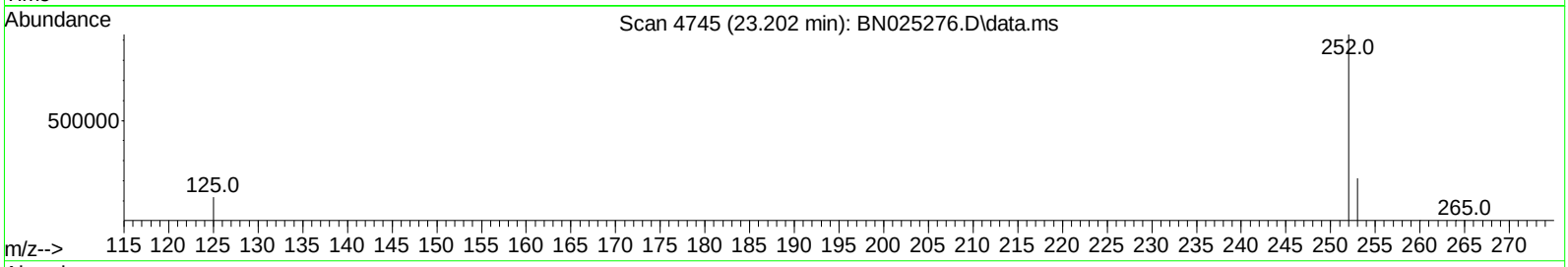
Quant Time: May 06 04:06:37 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 05 11:29:16 2023
Response via : Initial Calibration

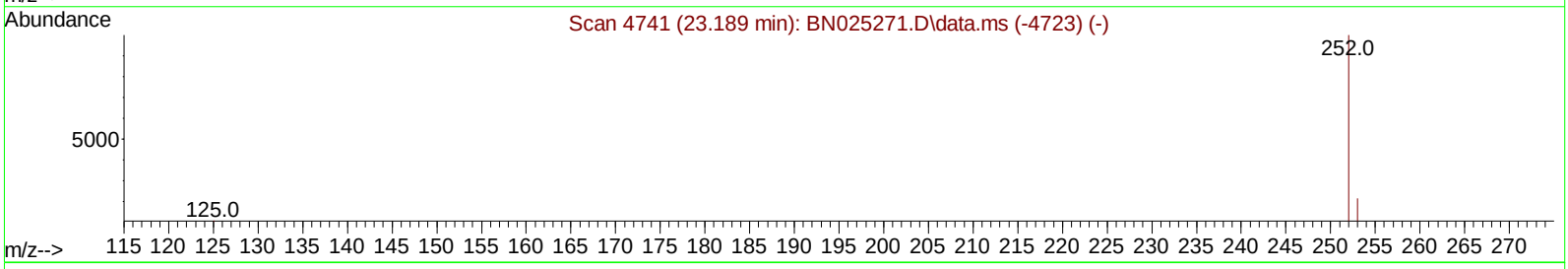
Instrument :
BNA_N
ClientSampleId :
EW940DL

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023







TIC: BN025276.D\data.ms

(24) Benzo(b)fluoranthene

23.202min (+ 0.012) 29.48 ng/ul

response 2913448

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	22.97
125.00	15.20	12.74
0.00	0.00	0.00

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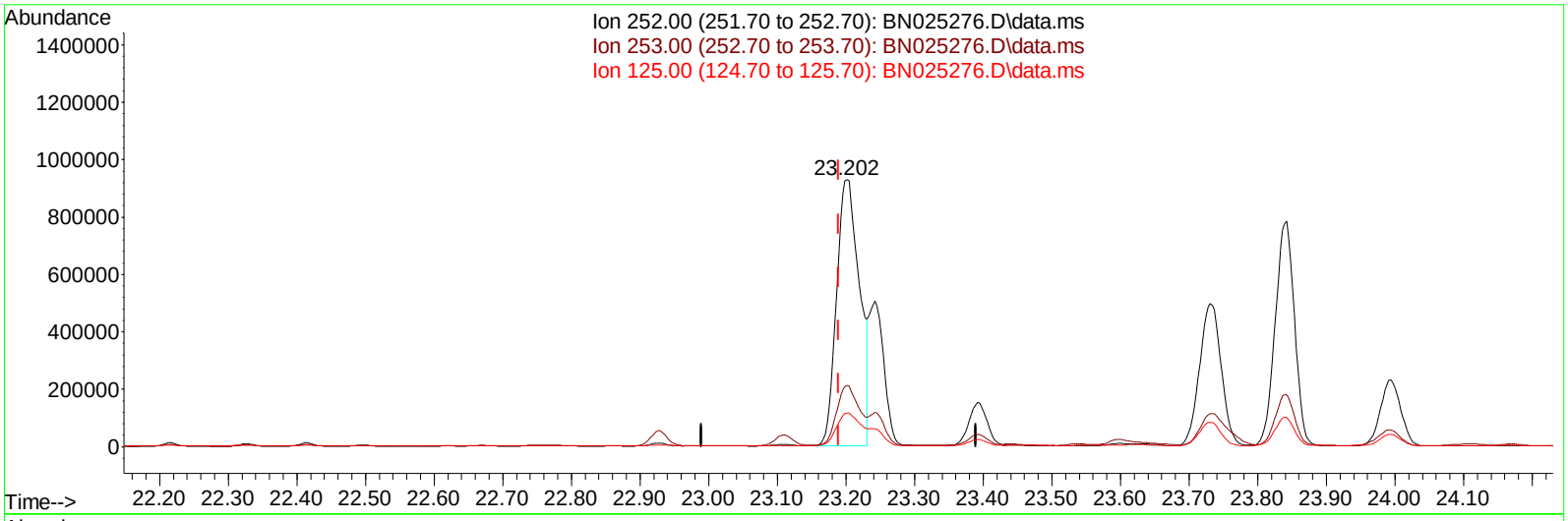

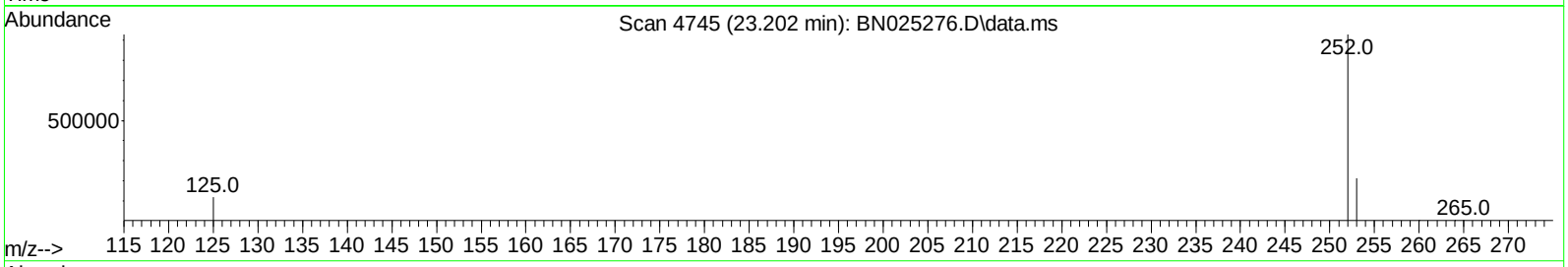

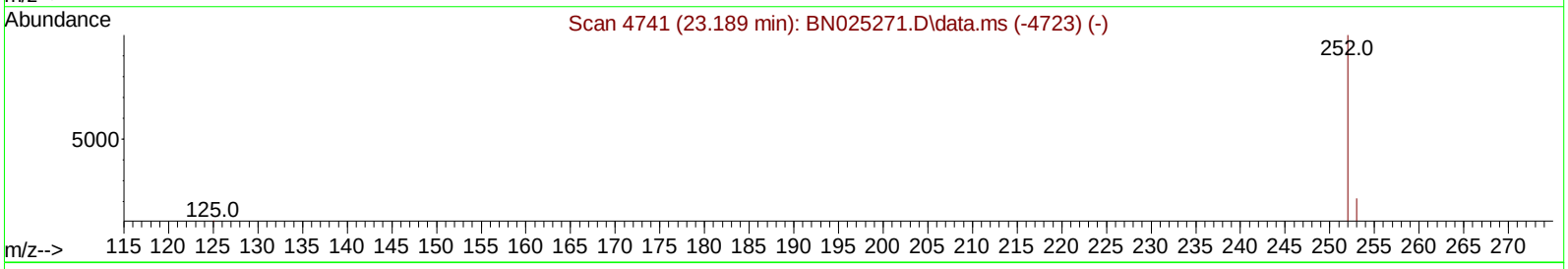

TIC: BN025276.D\data.ms

(24) Benzo(b)fluoranthene

23.202min (+ 0.012) 21.86 ng/ul m

response 2160561

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	22.97
125.00	15.20	12.74
0.00	0.00	0.00

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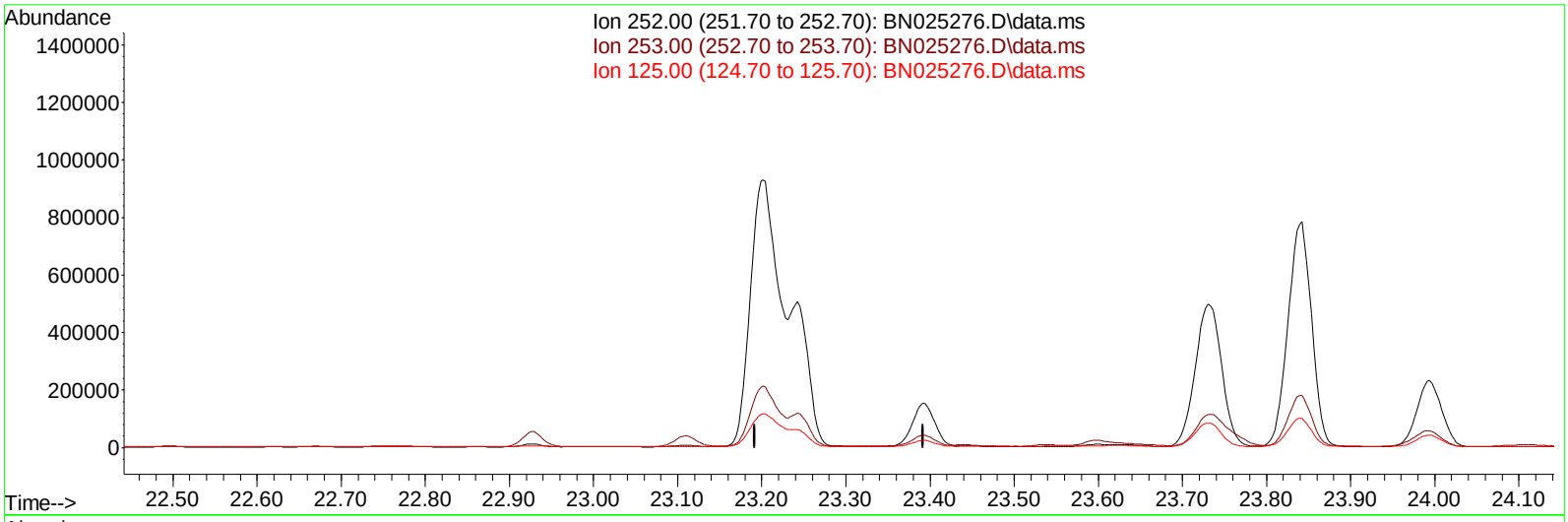

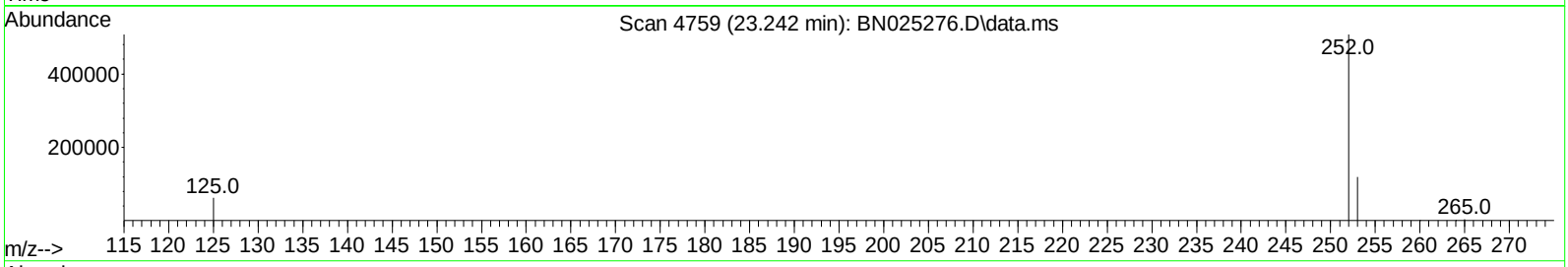

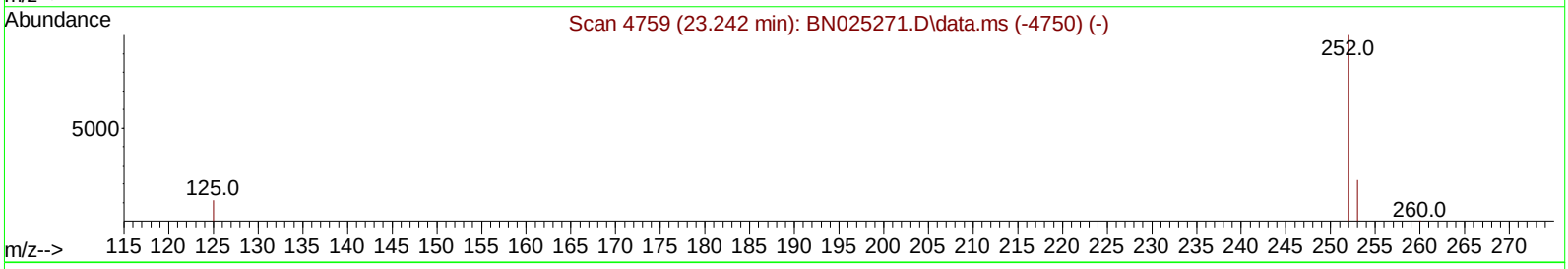

TIC: BN025276.D\data.ms

(25) Benzo(k)fluoranthene

23.242min (-23.242) 0.00 ng/ul

response 0

Ion	Exp%	Act%
252.00	100.00	0.00
253.00	25.30	0.00#
125.00	14.80	0.00#
0.00	0.00	0.00

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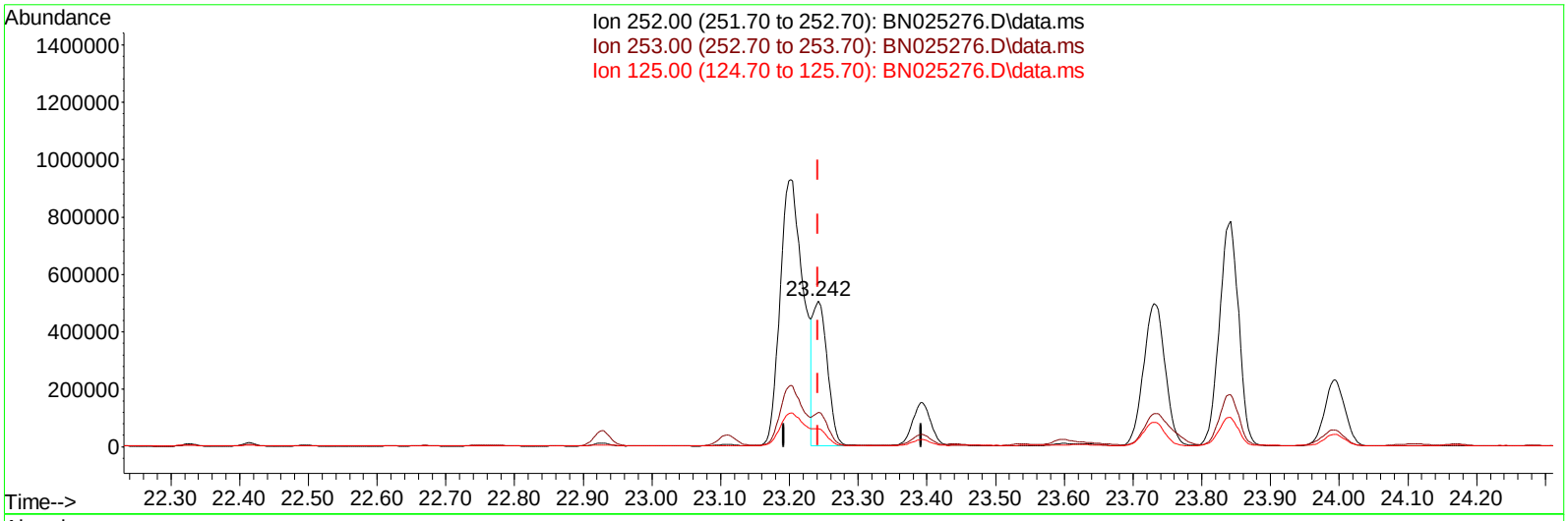

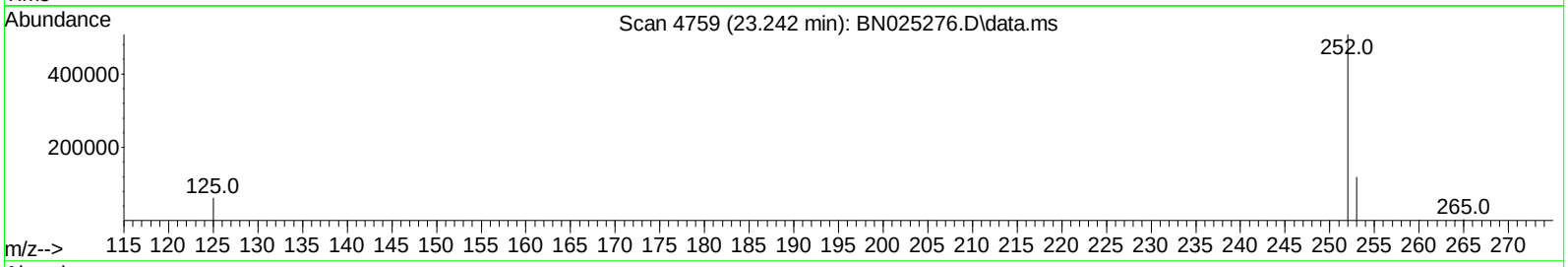

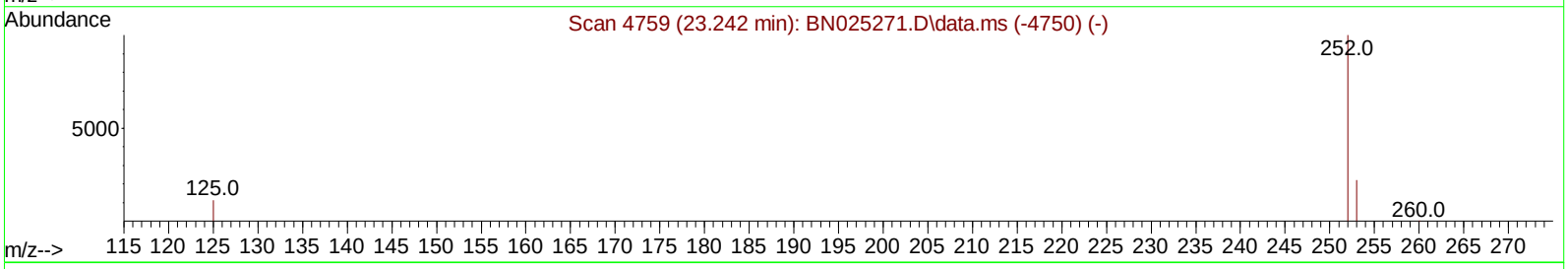

TIC: BN025276.D\data.ms

(25) Benzo(k)fluoranthene

23.242min (+ 0.001) 7.87 ng/ul m

response 748040

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.30	23.48
125.00	14.80	12.35
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050523\
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Misc :
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.908	152	9614	0.400	ng/ul		0.00
4) Naphthalene-d8	10.715	136	30403	0.400	ng/ul		0.00
9) Acenaphthene-d10	14.557	164	17659	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.305	188	34564	0.400	ng/ul		0.00
17) Chrysene-d12	21.503	240	20376	0.400	ng/ul	#	0.00
23) Perylene-d12	23.941	264	24362	0.400	ng/ul	#	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.289	96	4434	0.445	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.310	152	1474	0.038	ng/ul		0.00
18) Fluoranthene-d10	19.336	212	2690	0.050	ng/ul		0.00
Target Compounds							Qvalue
5) Naphthalene	10.770	128	102847	1.320	ng/ul		99
7) 2-Methylnaphthalene	12.381	142	31912	0.669	ng/ul		100
8) 1-Methylnaphthalene	12.601	142	33125	0.651	ng/ul		100
10) Acenaphthylene	14.279	152	97106	1.476	ng/ul		99
11) Acenaphthene	14.617	153	127106	2.292	ng/ul		98
12) Fluorene	15.603	166	174582	2.816	ng/ul		99
15) Phenanthrene	17.348	178	3054609	31.310	ng/ul		100
16) Anthracene	17.436	178	705147	8.835	ng/ul		99
19) Fluoranthene	19.369	202	4964188	67.372	ng/ul		96
20) Pyrene	19.736	202	4198042	55.452	ng/ul		99
21) Benzo(a)anthracene	21.489	228	1799324	29.305	ng/ul		98
22) Chrysene	21.541	228	1767907	26.395	ng/ul		98
24) Benzo(b)fluoranthene	23.202	252	2160561m	21.859	ng/ul		
25) Benzo(k)fluoranthene	23.242	252	748040m	7.868	ng/ul		
26) Benzo(a)pyrene	23.842	252	1528115	18.686	ng/ul	#	91
27) Indeno(1,2,3-cd)pyrene	26.495	276	1112209	11.804	ng/ul	#	95
28) Dibenzo(a,h)anthracene	26.495	278	270852	3.680	ng/ul		99
29) Benzo(g,h,i)perylene	27.273	276	981615	12.252	ng/ul		99

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

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