Quantitation Report (Qedit)

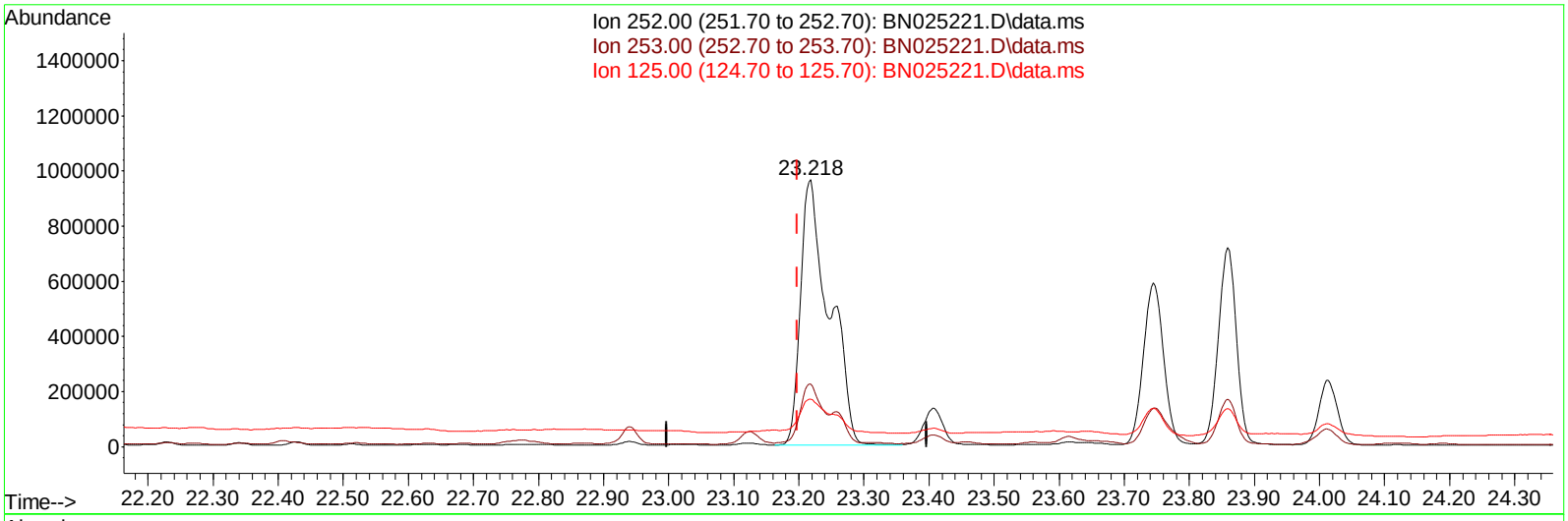
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050223\
Data File : BN025221.D
Acq On : 02 May 2023 15:36
Operator : CG/JU
Sample : 02419-36
Misc :
ALS Vial : 9 Sample Multiplier: 1

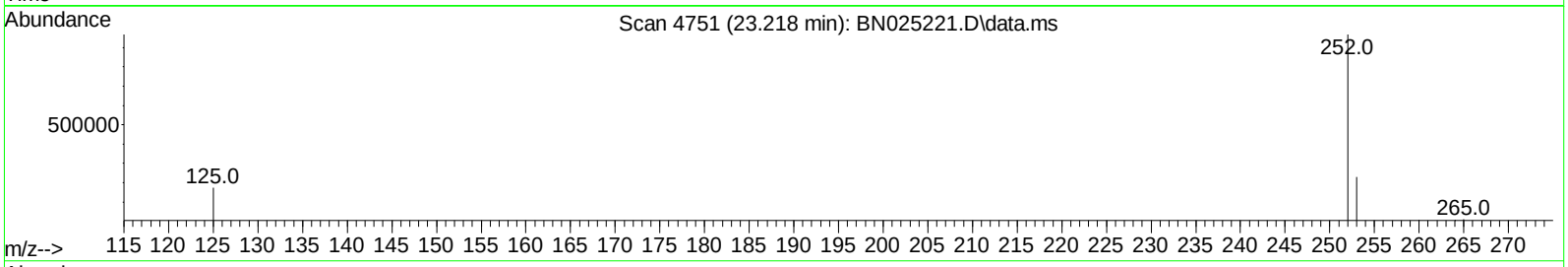
Quant Time: May 03 02:29:38 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 02 16:21:17 2023
Response via : Initial Calibration

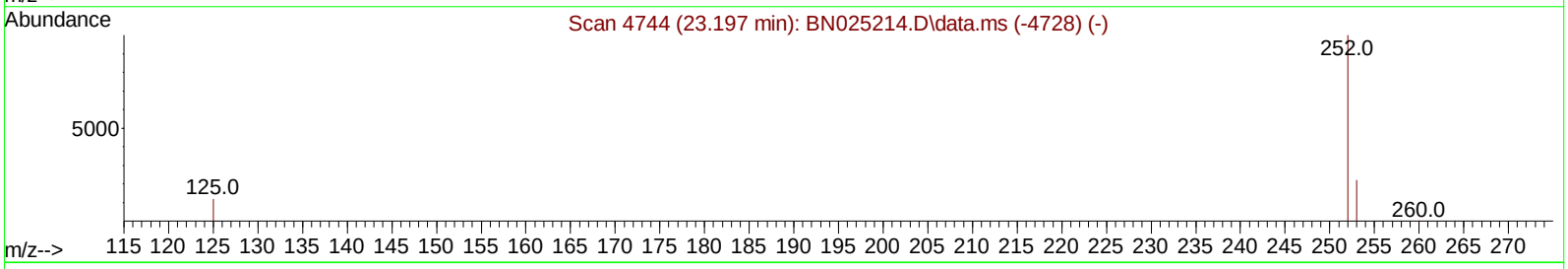
Instrument :
BNA_N
ClientSampleId :
EW931

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023







TIC: BN025221.D\data.ms

(24) Benzo(b)fluoranthene

23.218min (+ 0.021) 27.89 ng/ul

response 2940511

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	23.57
125.00	15.20	17.92
0.00	0.00	0.00

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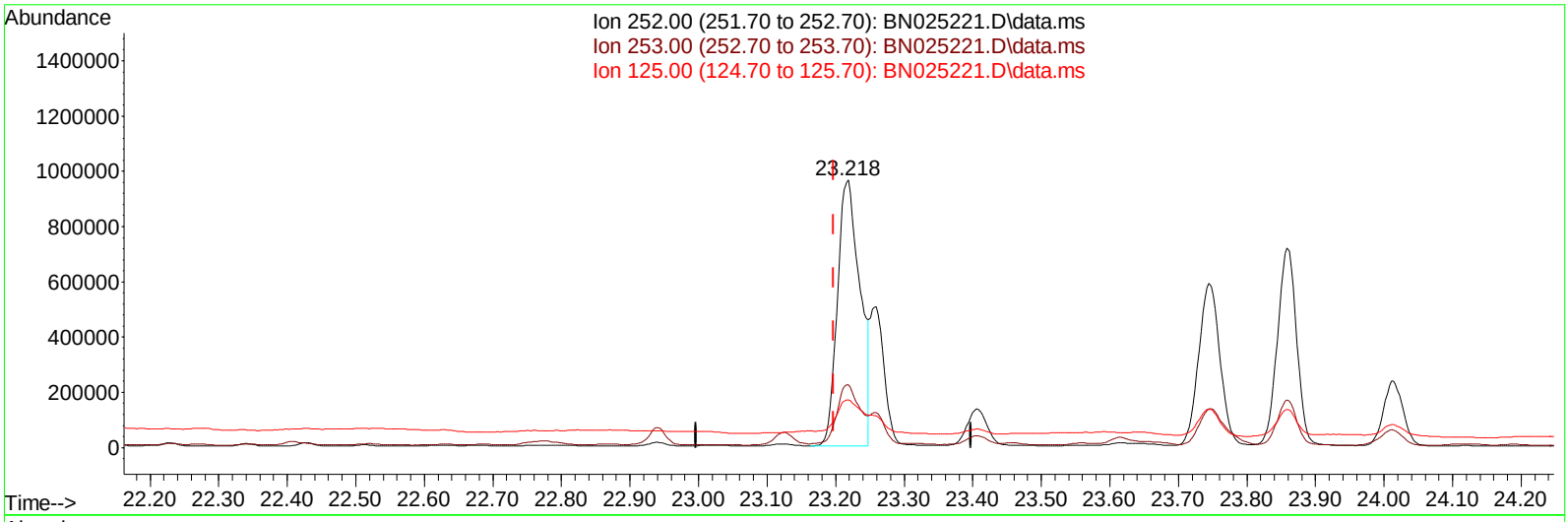

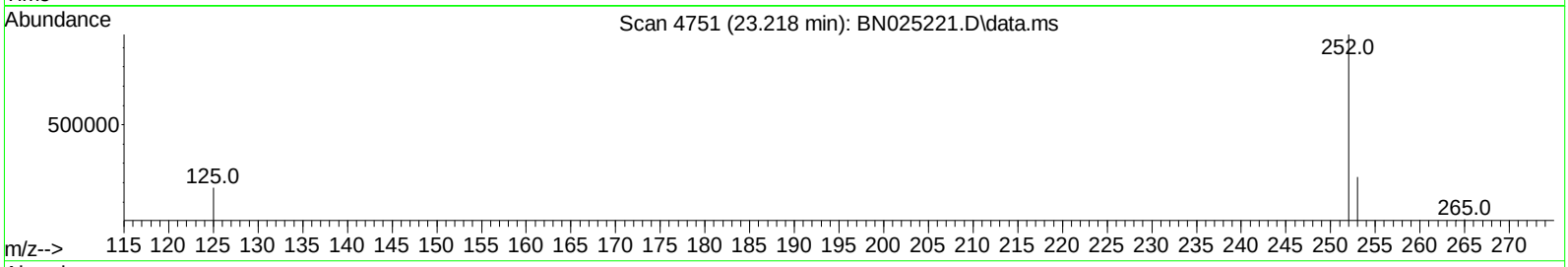

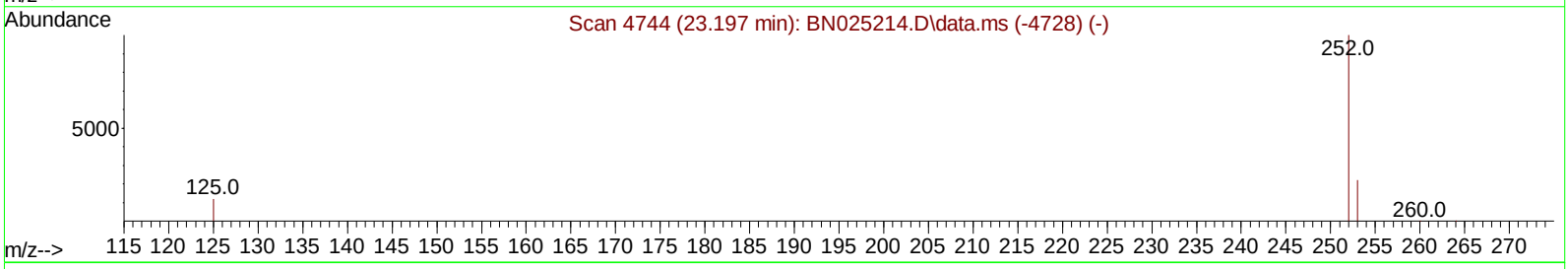

TIC: BN025221.D\data.ms

(24) Benzo(b)fluoranthene

23.218min (+ 0.021) 21.12 ng/ul m

response 2226822

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	23.57
125.00	15.20	17.92
0.00	0.00	0.00

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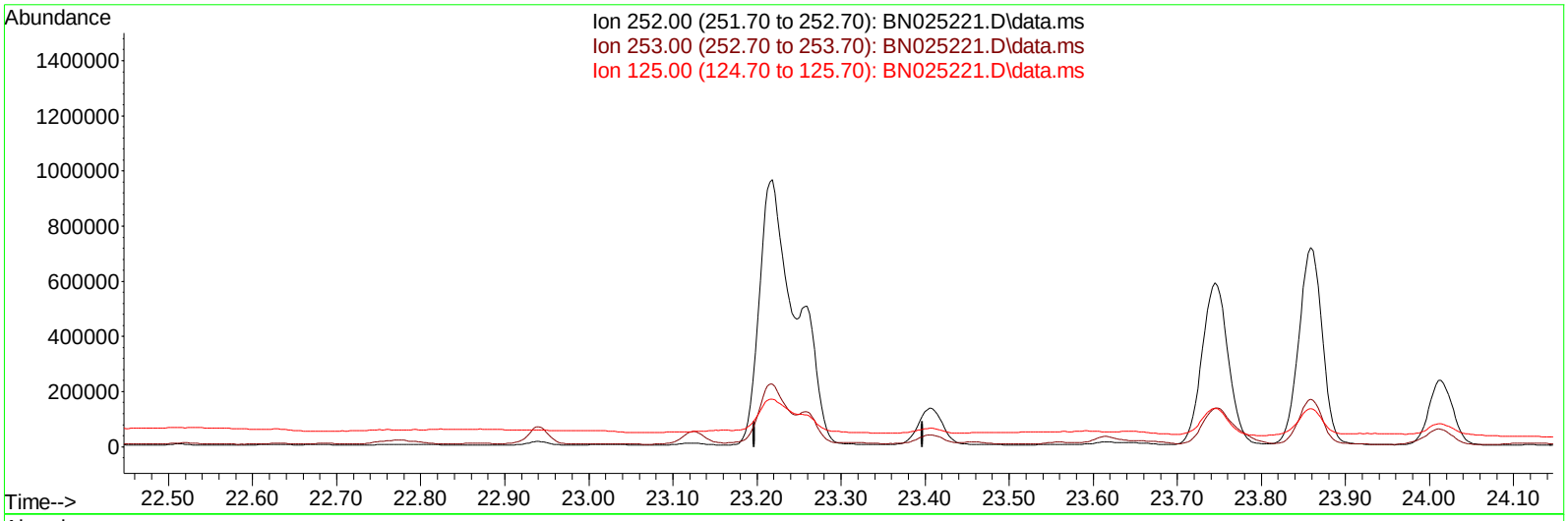

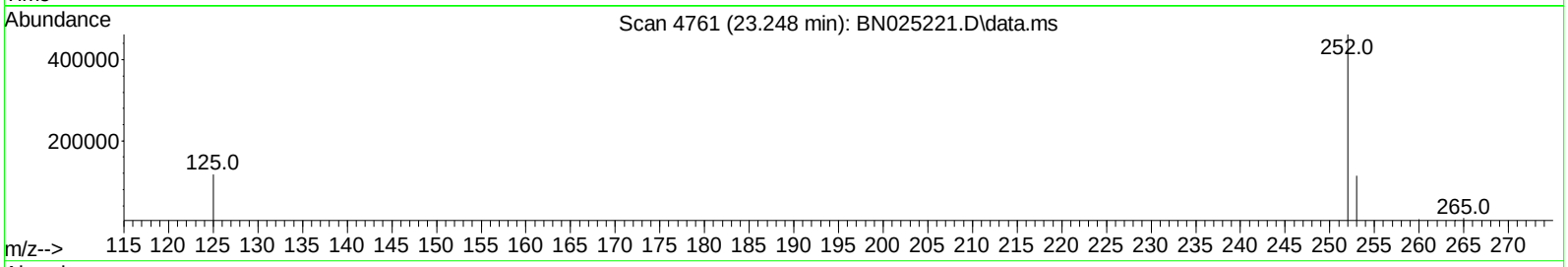

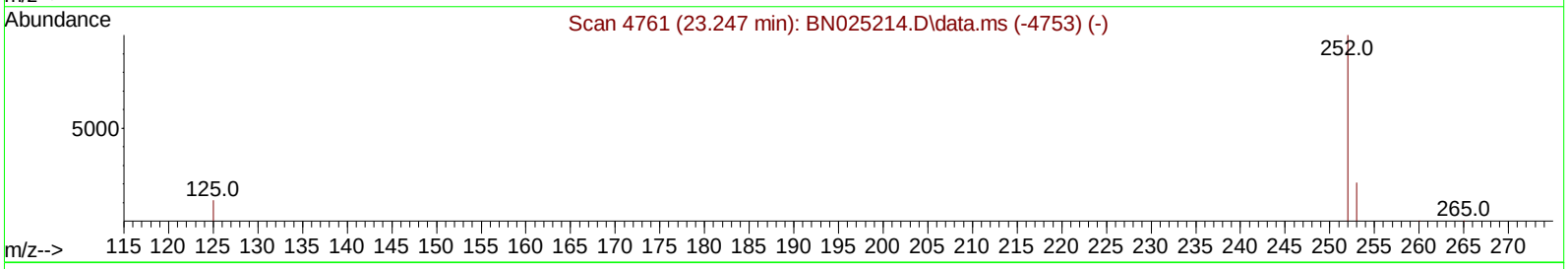

TIC: BN025221.D\data.ms

(25) Benzo(k)fluoranthene

23.247min (-23.247) 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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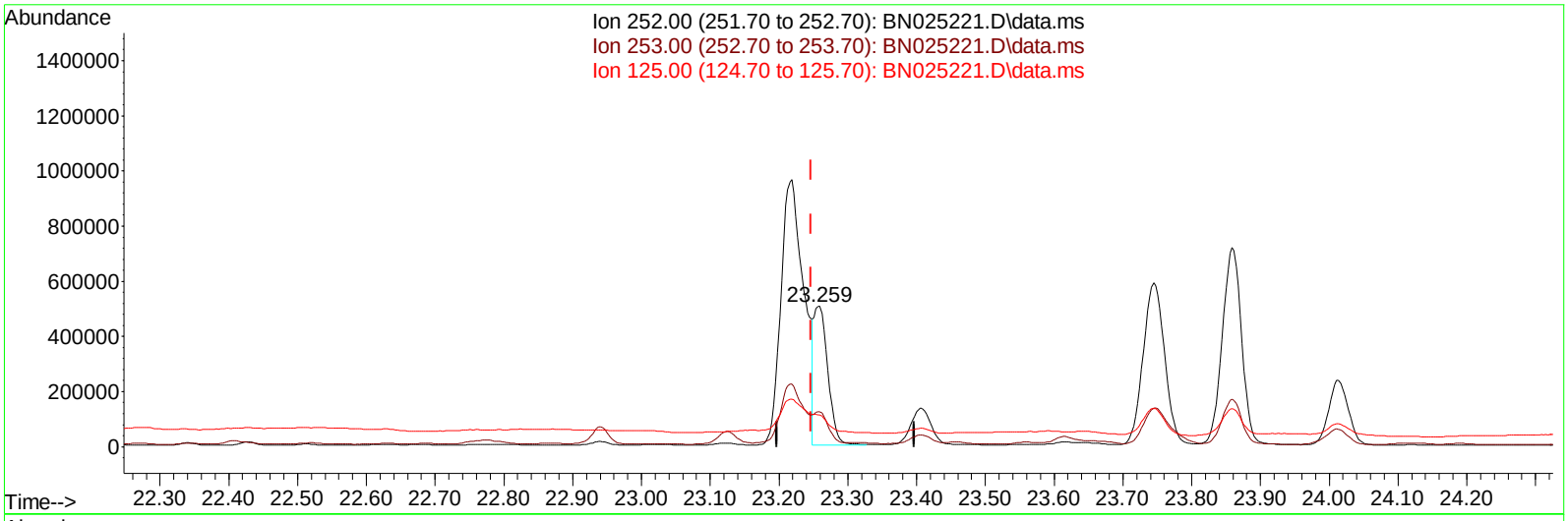

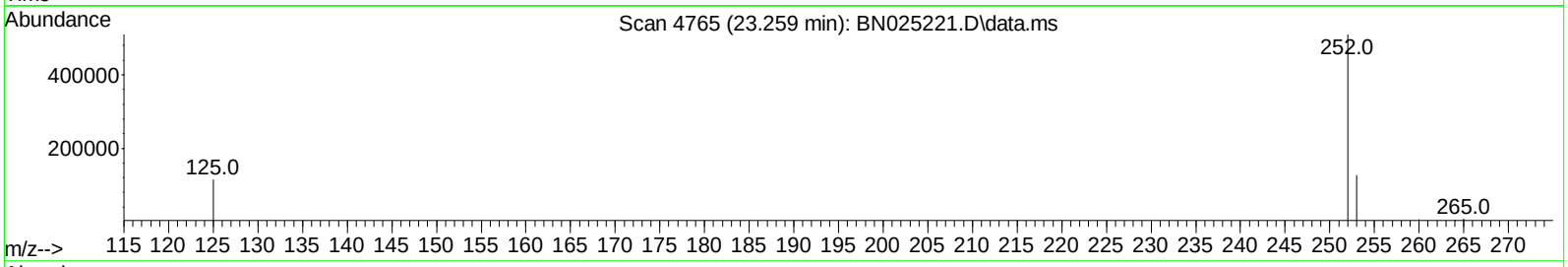

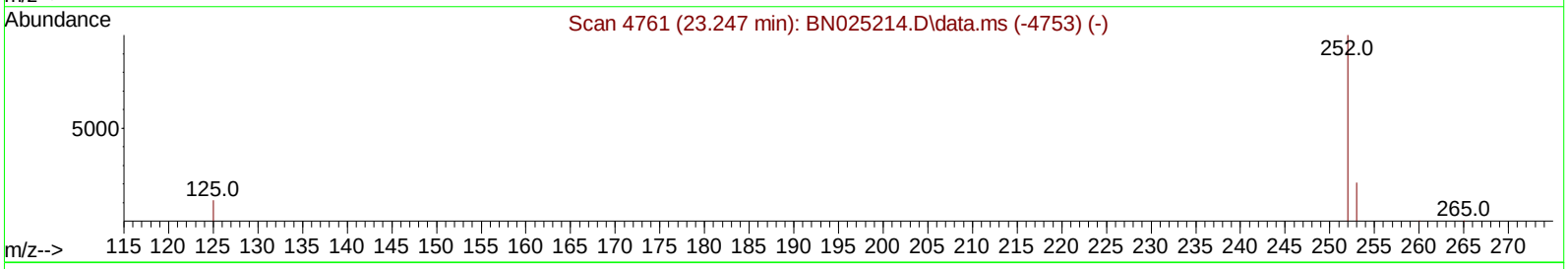

TIC: BN025221.D\data.ms

(25) Benzo(k)fluoranthene

23.259min (+ 0.012) 7.11 ng/ul m

response 721206

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.30	24.82
125.00	14.80	22.59#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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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	7.913	152	7851	0.400	ng/ul		0.00
4) Naphthalene-d8	10.721	136	28395	0.400	ng/ul		0.00
9) Acenaphthene-d10	14.561	164	19015	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.309	188	70977	0.400	ng/ul	#	0.00
17) Chrysene-d12	21.511	240	34020	0.400	ng/ul	#	0.00
23) Perylene-d12	23.964	264	25984	0.400	ng/ul	#	0.02
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.293	96	20113	2.474	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.310	152	7347	0.201	ng/ul		0.00
18) Fluoranthene-d10	19.345	212	16654	0.186	ng/ul		0.00
Target Compounds							Qvalue
5) Naphthalene	10.770	128	45079	0.620	ng/ul		99
7) 2-Methylnaphthalene	12.387	142	33961	0.762	ng/ul		99
8) 1-Methylnaphthalene	12.607	142	22698	0.478	ng/ul		100
10) Acenaphthylene	14.283	152	65120	0.919	ng/ul		97
11) Acenaphthene	14.621	153	41132	0.689	ng/ul		99
12) Fluorene	15.607	166	51478	0.771	ng/ul	#	95
14) Pentachlorophenol	16.963	266	1232	0.088	ng/ul		90
15) Phenanthrene	17.351	178	994130	4.962	ng/ul		100
16) Anthracene	17.444	178	247831	1.512	ng/ul		98
19) Fluoranthene	19.373	202	2476269	20.129	ng/ul		98
20) Pyrene	19.740	202	2343284	18.539	ng/ul		98
21) Benzo(a)anthracene	21.497	228	1385324	13.513	ng/ul		97
22) Chrysene	21.549	228	1544579	13.812	ng/ul		97
24) Benzo(b)fluoranthene	23.218	252	2226822m	21.123	ng/ul		
25) Benzo(k)fluoranthene	23.259	252	721206m	7.112	ng/ul		
26) Benzo(a)pyrene	23.859	252	1398030	16.028	ng/ul		96
27) Indeno(1,2,3-cd)pyrene	26.517	276	1235262	12.292	ng/ul	#	95
28) Dibenzo(a,h)anthracene	26.527	278	297169	3.786	ng/ul	#	91
29) Benzo(g,h,i)perylene	27.302	276	1329011	15.553	ng/ul		98

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

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