Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
Data File : BM039714.D
Acq On : 27 Apr 2023 20:11
Operator : CG/JU
Sample : 02418-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Apr 28 02:34:47 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 28 02:30:02 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
EW8Z3

Manual IntegrationsAPPROVED

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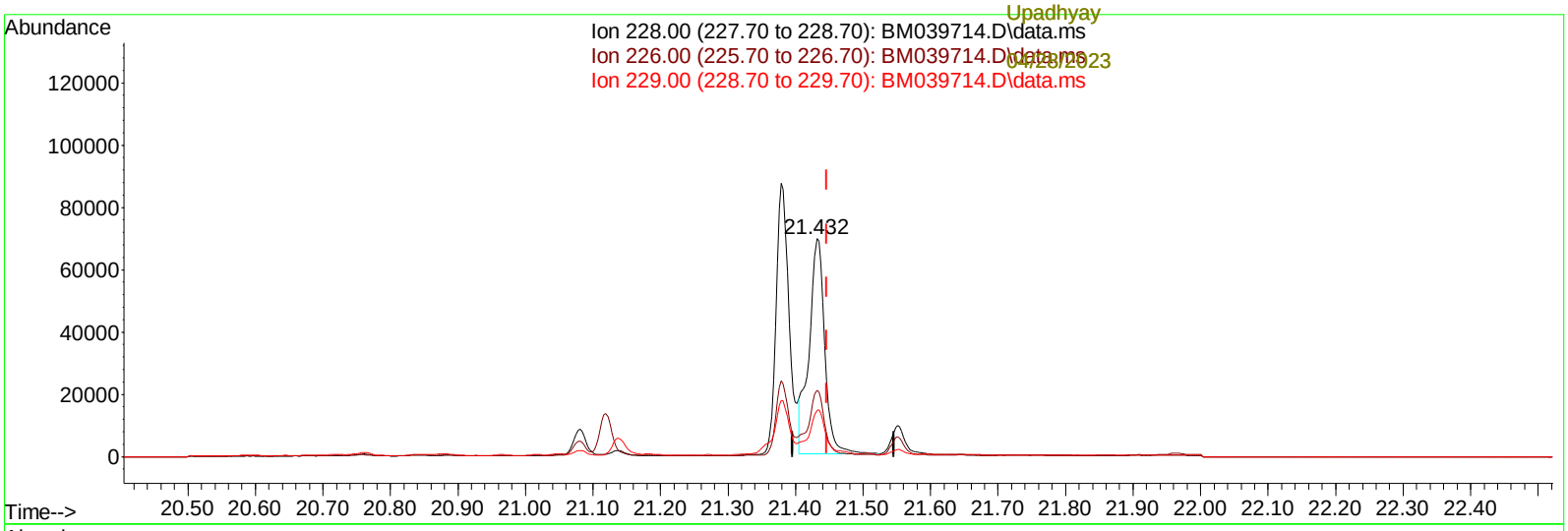
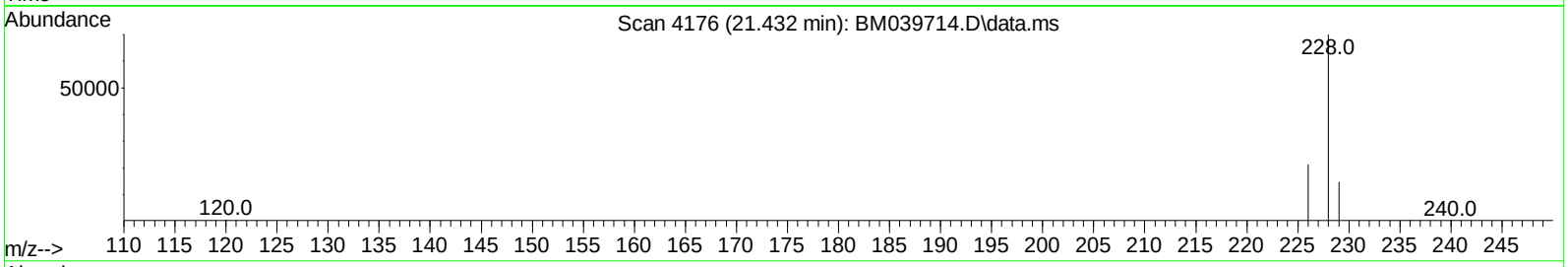
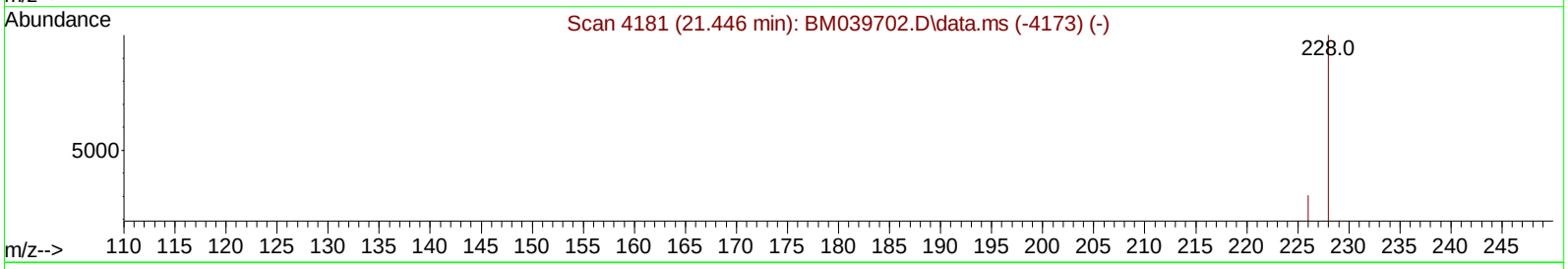
04/28/2023
Supervised By :Jagrut Upadhyay
04/28/2023







TIC: BM039714.D\data.ms

(22) Chrysene

21.432min (-0.015) 2.47 ng/ul

response 110733

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.40	30.60
229.00	19.90	21.16
0.00	0.00	0.00

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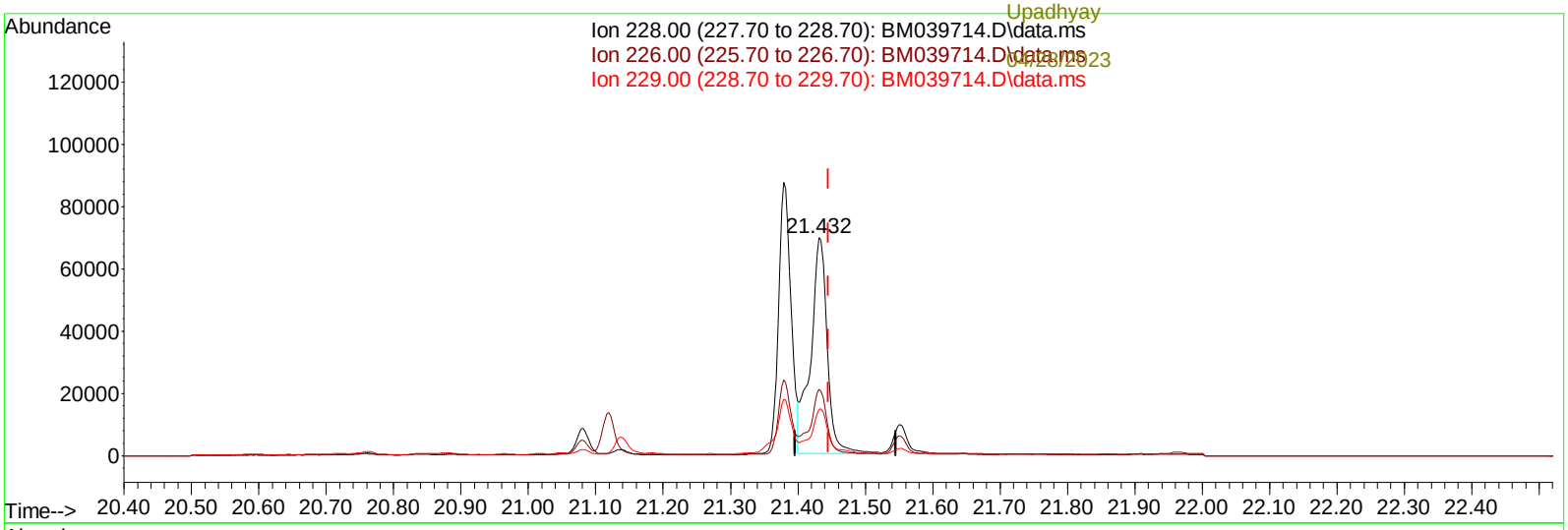

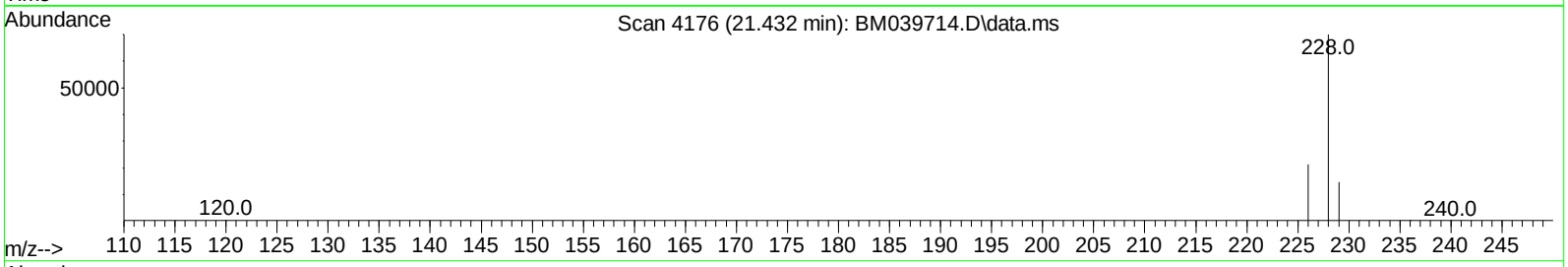

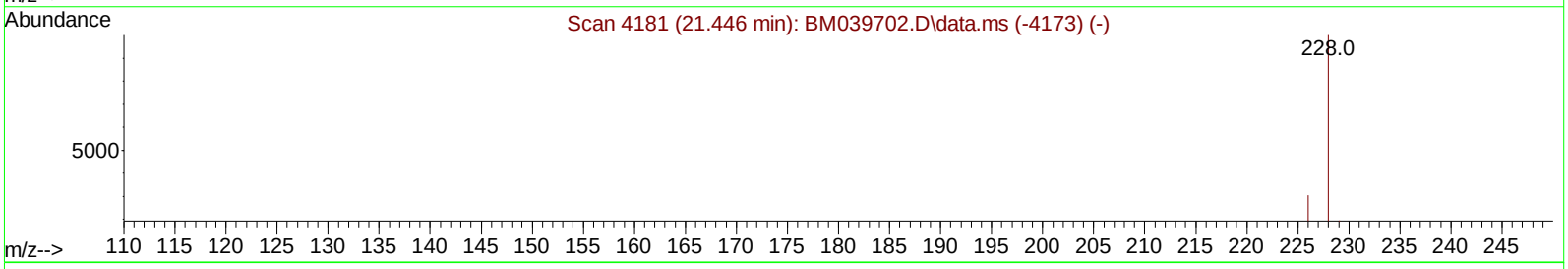

TIC: BM039714.D\data.ms

(22) Chrysene

21.432min (-0.015) 2.66 ng/ul m

response 118889

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.40	30.60
229.00	19.90	21.16
0.00	0.00	0.00

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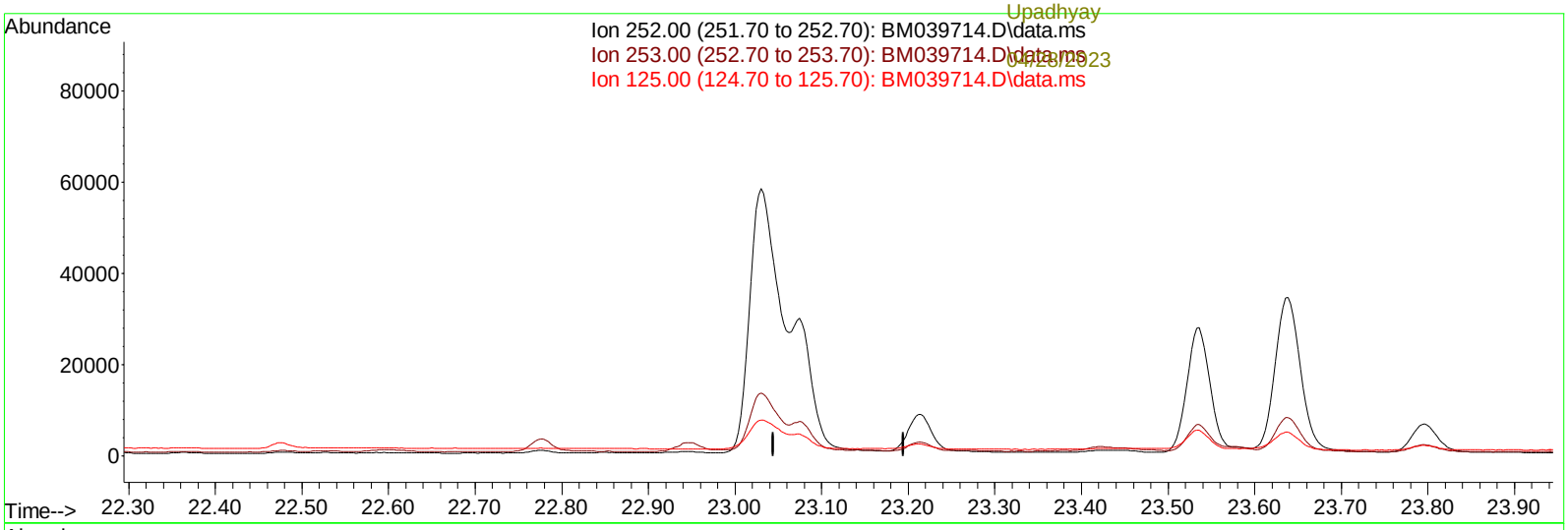

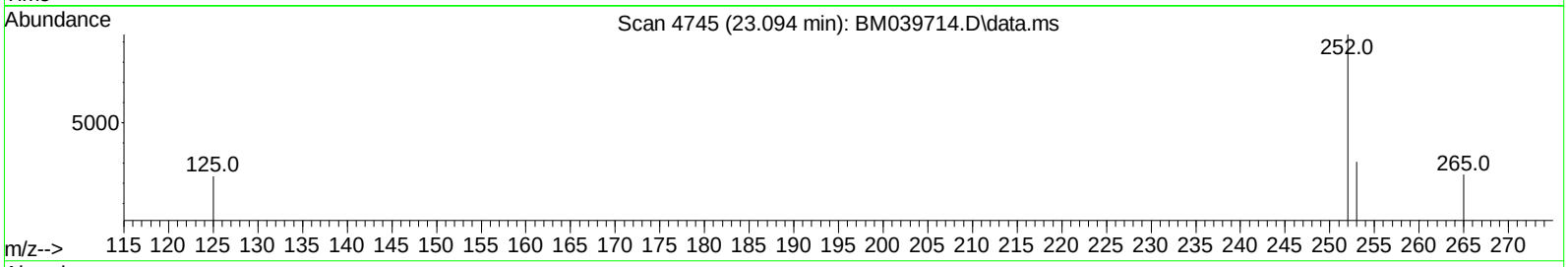

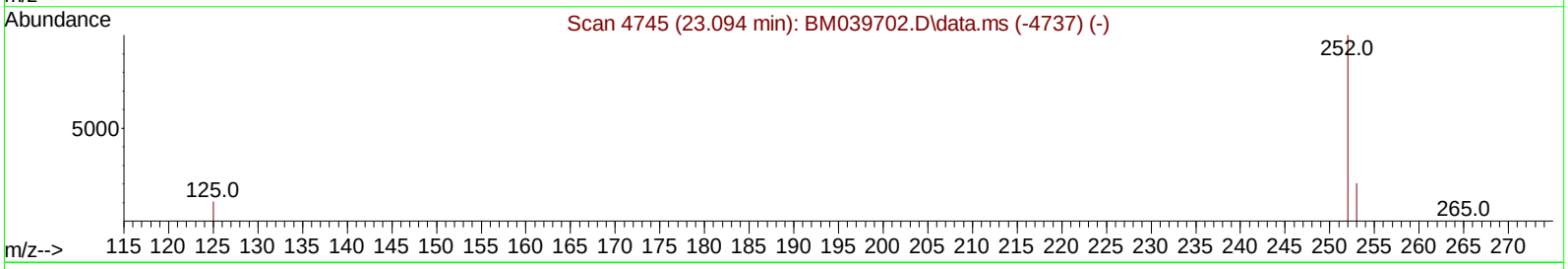

TIC: BM039714.D\data.ms

(25) Benzo(k)fluoranthene

23.094min (-23.094) 0.00 ng/ul

response 0

Ion	Exp%	Act%
252.00	100.00	0.00
253.00	26.60	0.00#
125.00	16.30	0.00#
0.00	0.00	0.00

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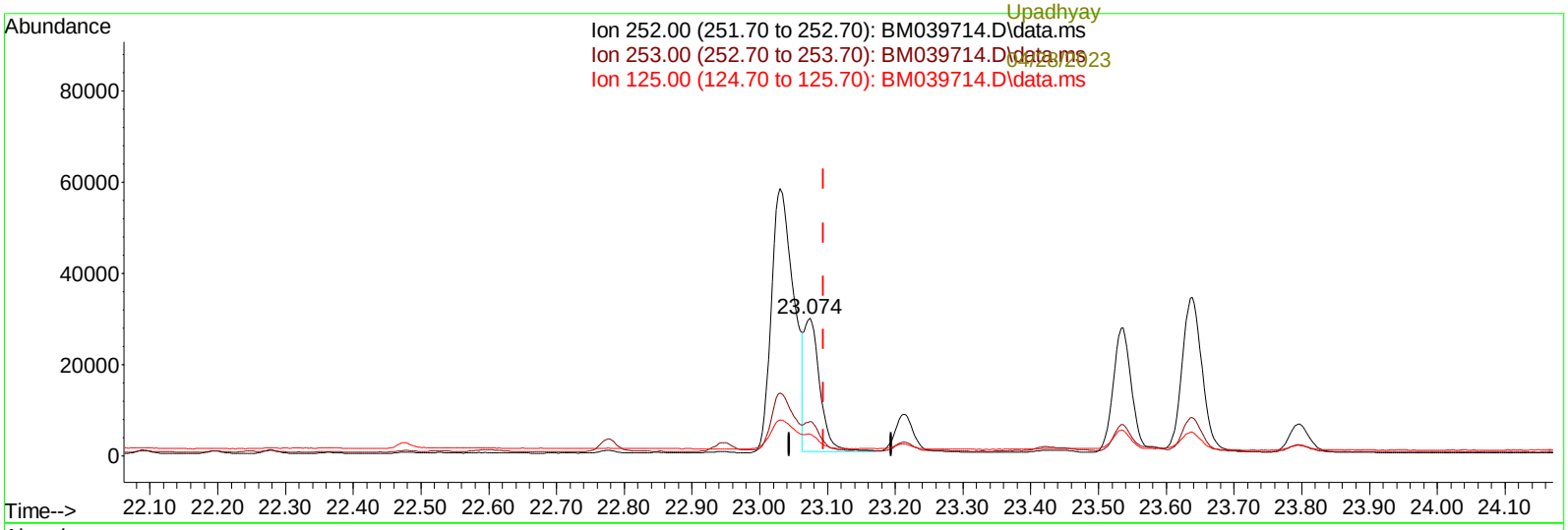

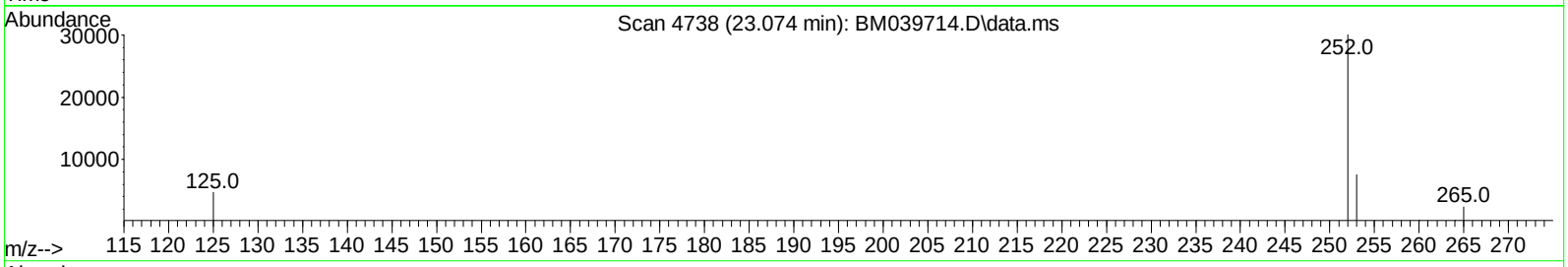

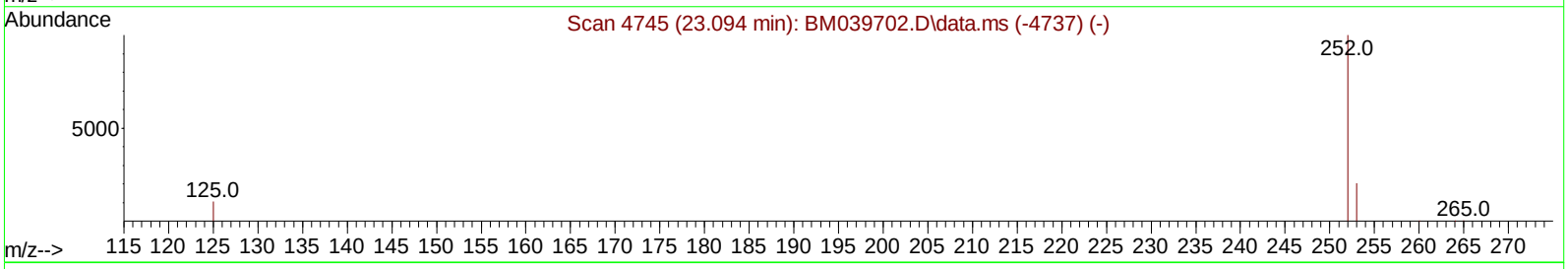

TIC: BM039714.D\data.ms

(25) Benzo(k)fluoranthene

23.074min (-0.020) 1.19 ng/ul m

response 47245

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.60	25.08
125.00	16.30	15.71
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	3609	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.601	136	13606	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.451	164	8055	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.200	188	17737	0.400	ng/ul	-0.02
17) Chrysene-d12	21.396	240	13753	0.400	ng/ul	-0.01
23) Perylene-d12	23.744	264	11090	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	12060	2.267	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.201	152	3346	0.192	ng/ul	-0.02
18) Fluoranthene-d10	19.234	212	8015	0.217	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.650	128	4696	0.137	ng/ul#	95
7) 2-Methylnaphthalene	12.278	142	2053	0.104	ng/ul	98
8) 1-Methylnaphthalene	12.492	142	1922	0.091	ng/ul	100
10) Acenaphthylene	14.169	152	4375	0.140	ng/ul#	90
11) Acenaphthene	14.511	153	7750	0.316	ng/ul	99
12) Fluorene	15.501	166	7952	0.293	ng/ul	98
15) Phenanthrene	17.242	178	148870	3.186	ng/ul	98
16) Anthracene	17.335	178	29121	0.726	ng/ul	98
19) Fluoranthene	19.262	202	282079	5.749	ng/ul	100
20) Pyrene	19.629	202	224592	4.239	ng/ul	99
21) Benzo(a)anthracene	21.379	228	114975	2.908	ng/ul	99
22) Chrysene	21.432	228	118889m	2.657	ng/ul	
24) Benzo(b)fluoranthene	23.030	252	133905	3.438	ng/ul	94
25) Benzo(k)fluoranthene	23.074	252	47245m	1.191	ng/ul	
26) Benzo(a)pyrene	23.638	252	70857	2.026	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.167	276	50450	1.141	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.177	278	11952	0.348	ng/ul#	91
29) Benzo(g,h,i)perylene	26.922	276	7696	0.200	ng/ul#	84

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

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