Quantitation Report (Qedit)

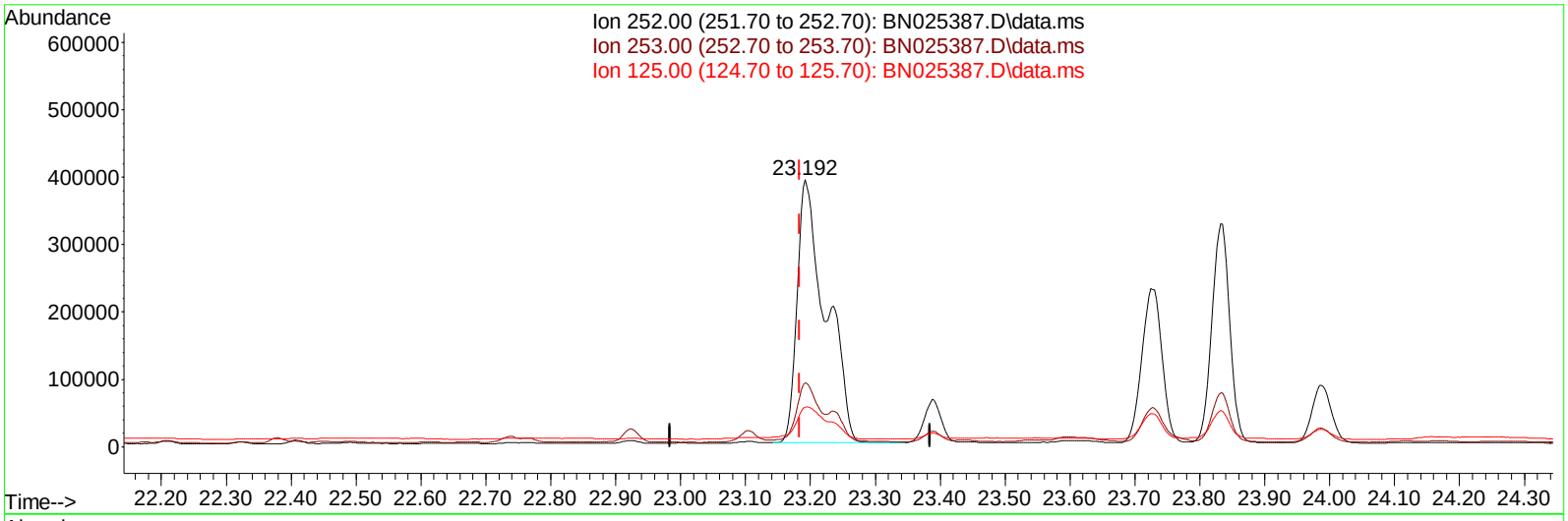
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051023\
Data File : BN025387.D
Acq On : 10 May 2023 19:07
Operator : CG/JU
Sample : 02479-22MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

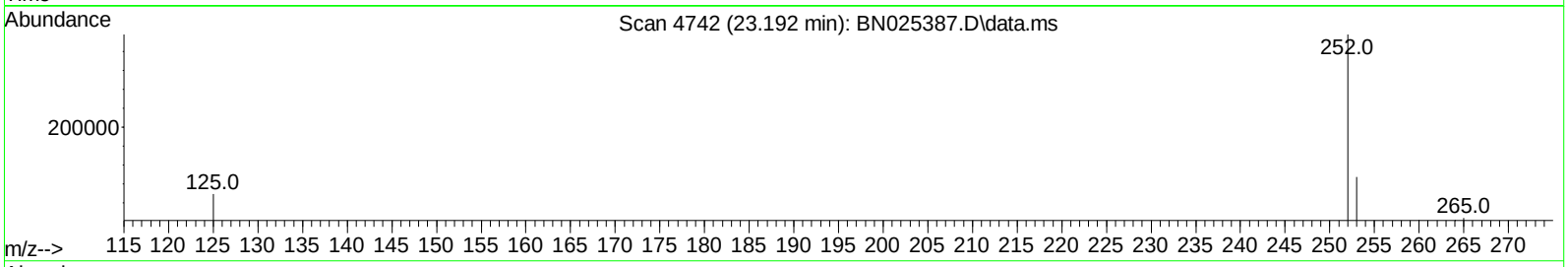
Quant Time: May 11 02:09:18 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 11 02:07:13 2023
Response via : Initial Calibration

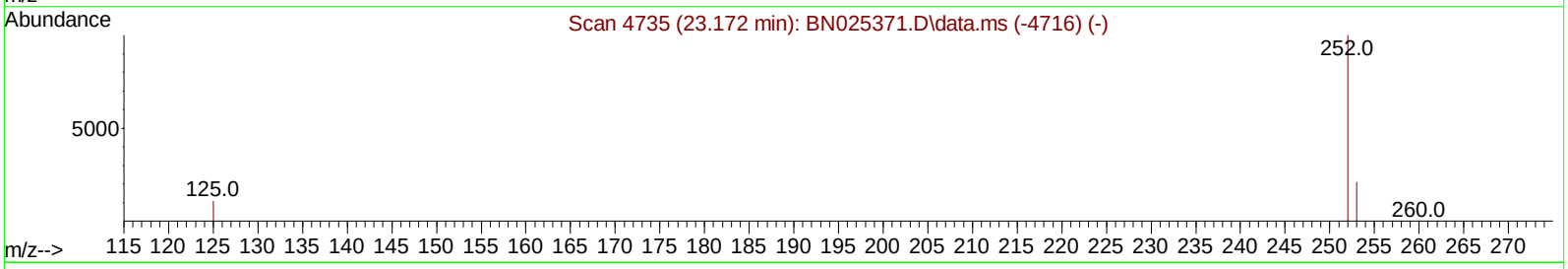
Instrument :
BNA_N
ClientSampleId :
EW975MSD

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023







TIC: BN025387.D\data.ms

(24) Benzo(b)fluoranthene

23.192min (+ 0.008) 13.29 ng/ul

response 1195414

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	23.99
125.00	15.20	14.87
0.00	0.00	0.00

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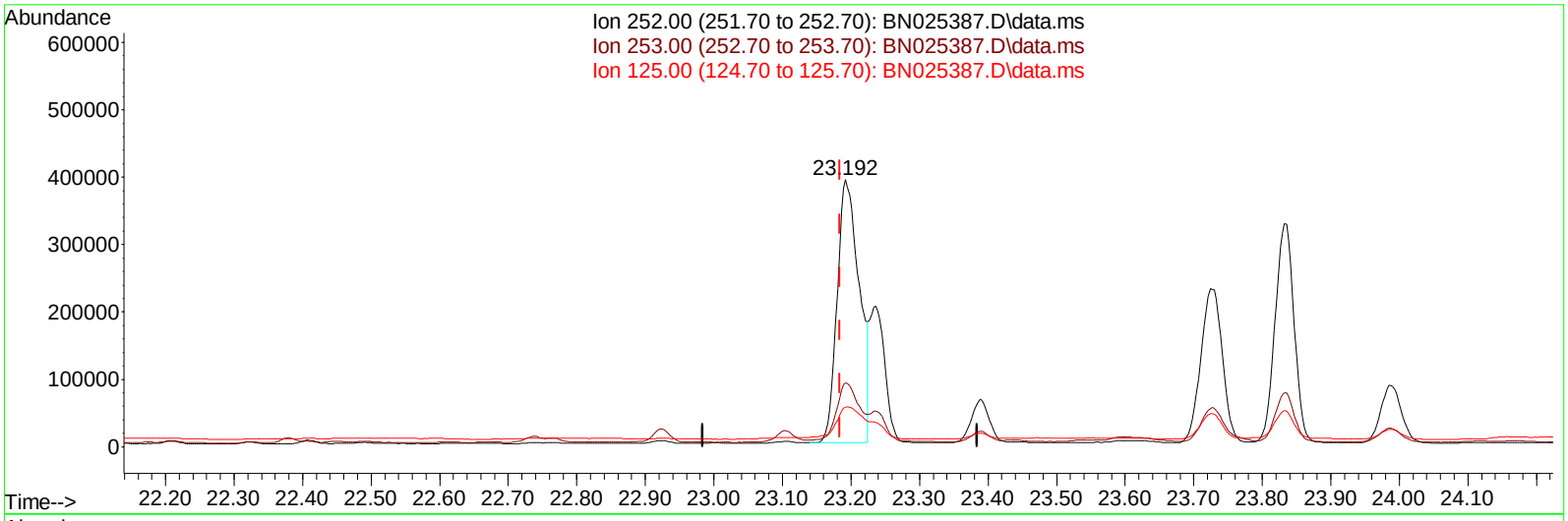

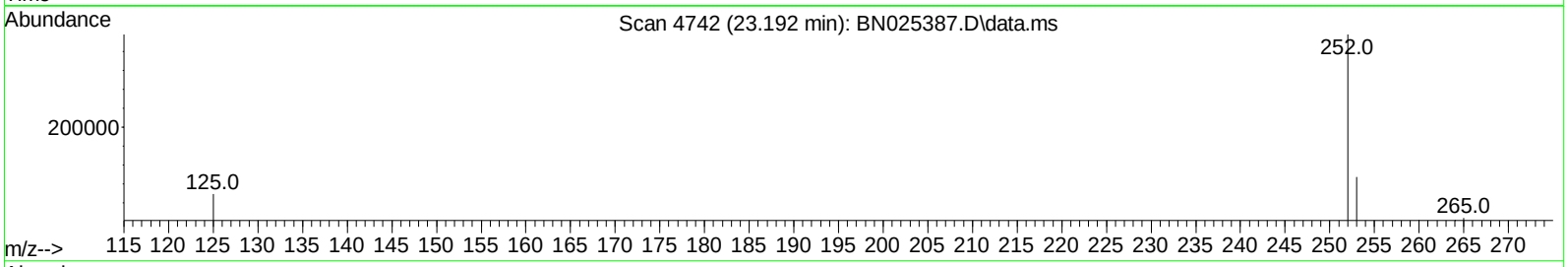

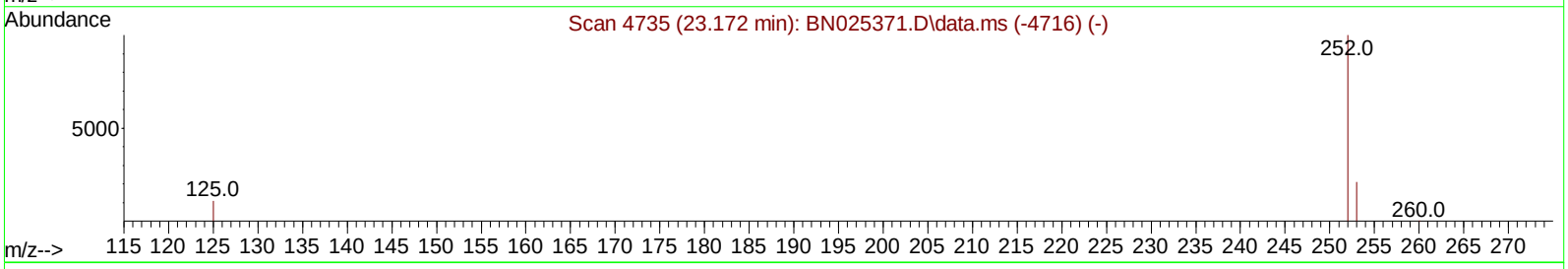

TIC: BN025387.D\data.ms

(24) Benzo(b)fluoranthene

23.192min (+ 0.008) 9.84 ng/ul m

response 884677

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	23.99
125.00	15.20	14.87
0.00	0.00	0.00

Quantitation Report (Qedit)

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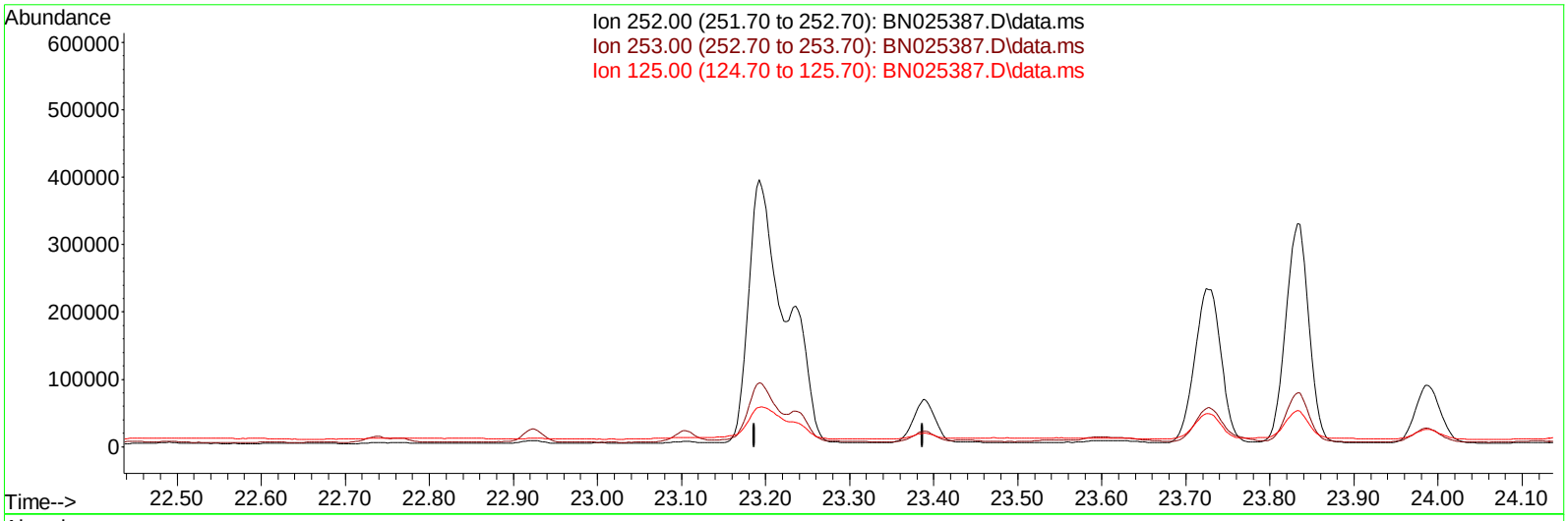

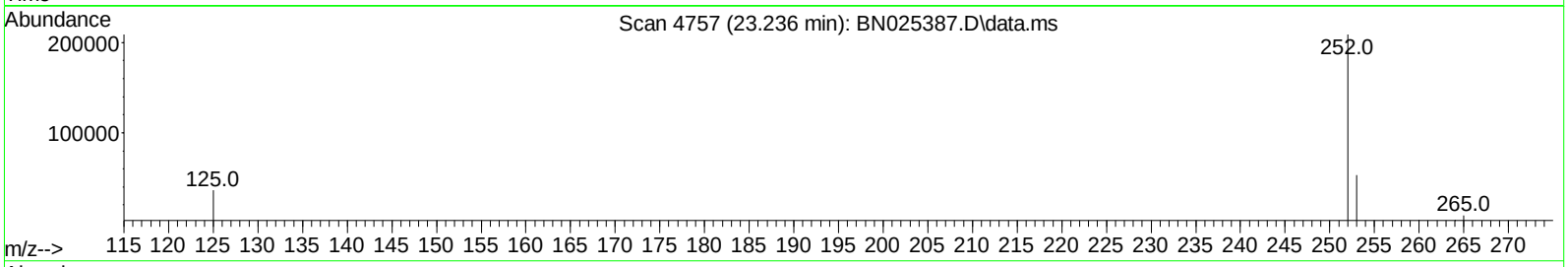

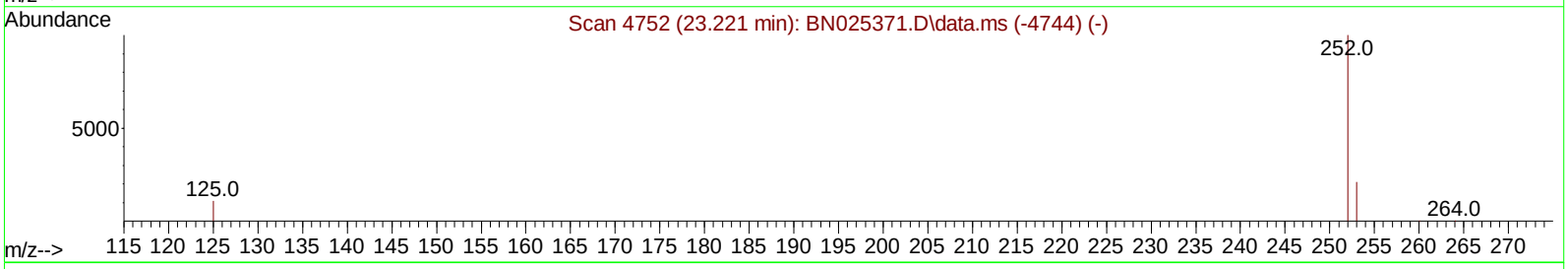

TIC: BN025387.D\data.ms

(25) Benzo(k)fluoranthene

23.237min (-23.237) 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

Quantitation Report (Qedit)

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Sample : 02479-22MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: May 11 02:09:18 2023
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Instrument :
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ClientSampleId :
EW975MSD

Manual IntegrationsAPPROVED

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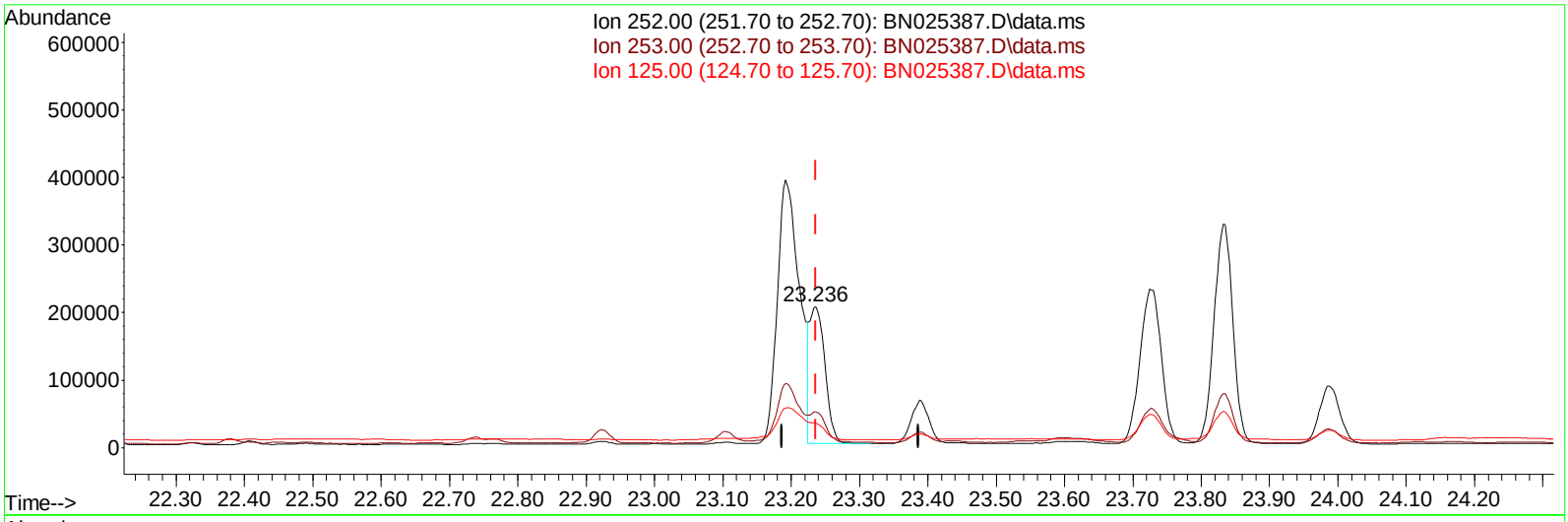

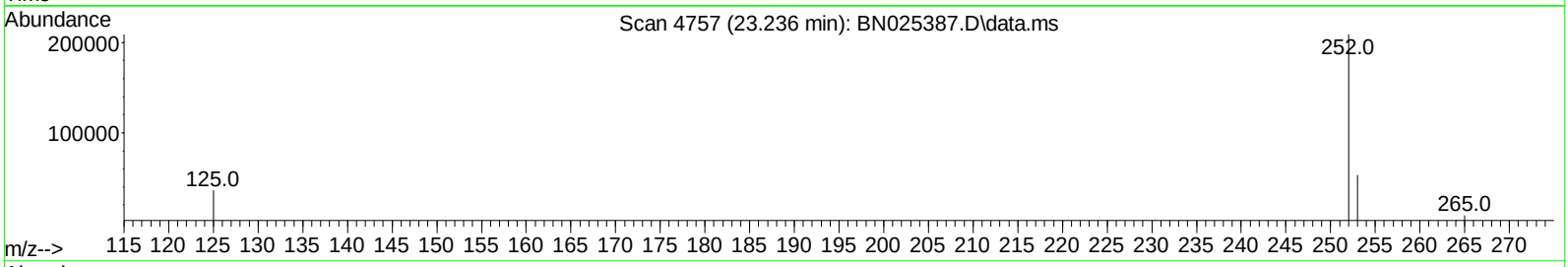

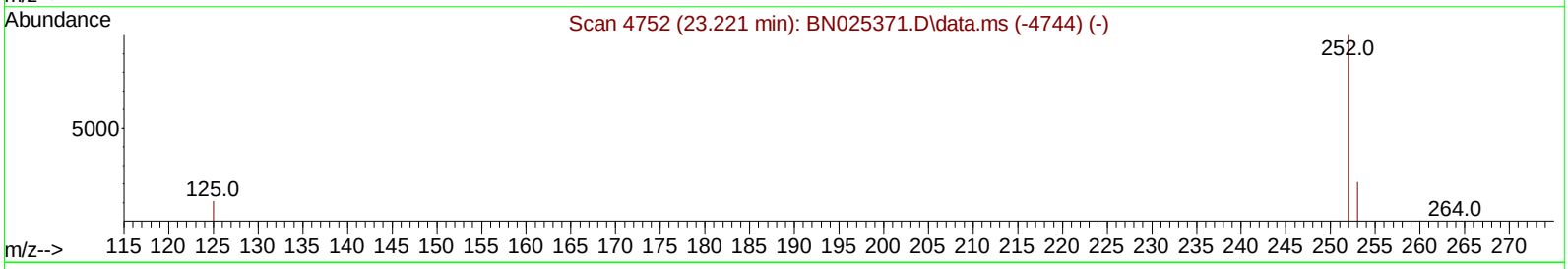

TIC: BN025387.D\data.ms

(25) Benzo(k)fluoranthene

23.236min (-0.001) 3.61 ng/ul m

response 312049

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.30	25.31
125.00	14.80	17.37
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Misc :
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Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/11/2023
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.904	152	7788	0.400	ng/ul		0.00
4) Naphthalene-d8	10.710	136	24526	0.400	ng/ul	#	0.00
9) Acenaphthene-d10	14.552	164	15698	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.301	188	32694	0.400	ng/ul	#	0.00
17) Chrysene-d12	21.500	240	20500	0.400	ng/ul	#	0.00
23) Perylene-d12	23.938	264	22171	0.400	ng/ul	#	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.280	96	1228	0.152	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.299	152	3999	0.127	ng/ul		0.00
18) Fluoranthene-d10	19.331	212	9376	0.173	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.314	88	3050	0.351	ng/ul	#	45
5) Naphthalene	10.759	128	160565	2.555	ng/ul		100
7) 2-Methylnaphthalene	12.376	142	204747	5.319	ng/ul		99
8) 1-Methylnaphthalene	12.596	142	101960	2.485	ng/ul		100
10) Acenaphthylene	14.274	152	55193	0.944	ng/ul	#	94
11) Acenaphthene	14.612	153	53090	1.077	ng/ul		99
12) Fluorene	15.602	166	56602	1.027	ng/ul		98
14) Pentachlorophenol	16.963	266	1632	0.254	ng/ul		97
15) Phenanthrene	17.343	178	1025773	11.115	ng/ul		100
16) Anthracene	17.436	178	230213	3.049	ng/ul		99
19) Fluoranthene	19.363	202	1820294	24.555	ng/ul		99
20) Pyrene	19.726	202	1575509	20.685	ng/ul		99
21) Benzo(a)anthracene	21.482	228	699184	11.318	ng/ul		97
22) Chrysene	21.535	228	698754	10.369	ng/ul		97
24) Benzo(b)fluoranthene	23.192	252	884677m	9.835	ng/ul		
25) Benzo(k)fluoranthene	23.236	252	312049m	3.607	ng/ul		
26) Benzo(a)pyrene	23.832	252	624521	8.391	ng/ul		95
27) Indeno(1,2,3-cd)pyrene	26.484	276	464039	5.412	ng/ul	#	94
28) Dibenzo(a,h)anthracene	26.491	278	127528	1.904	ng/ul	#	81
29) Benzo(g,h,i)perylene	27.275	276	401038	5.500	ng/ul		97

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

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