

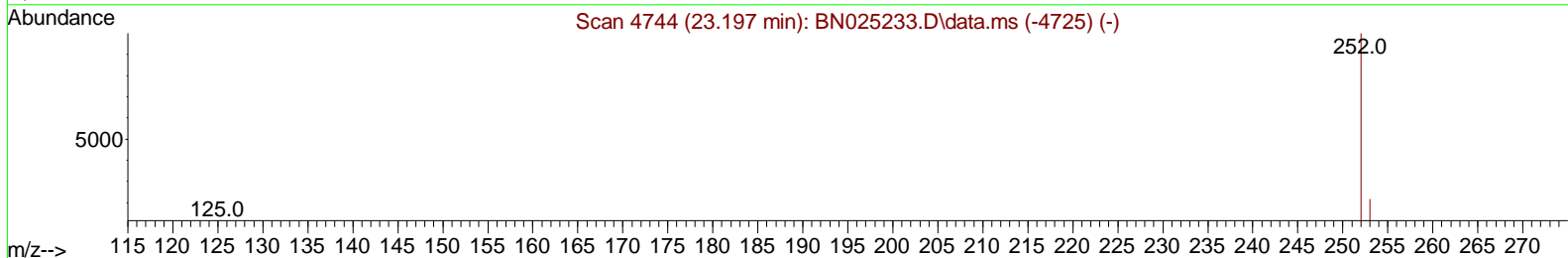
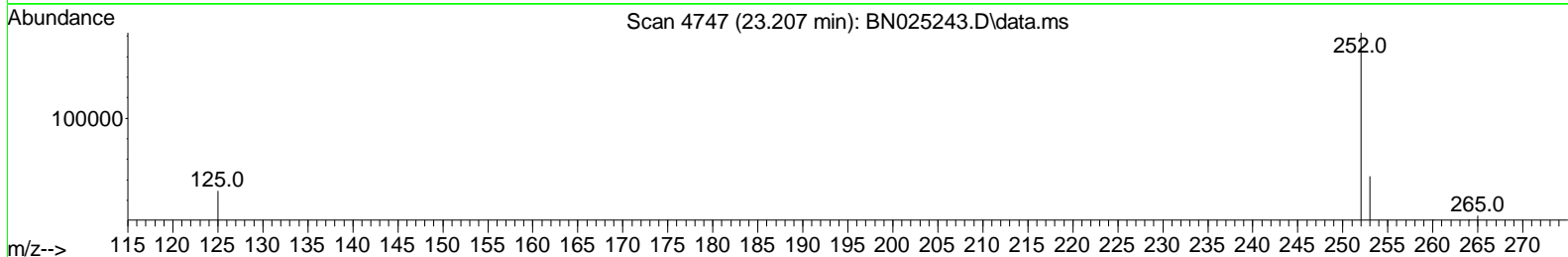
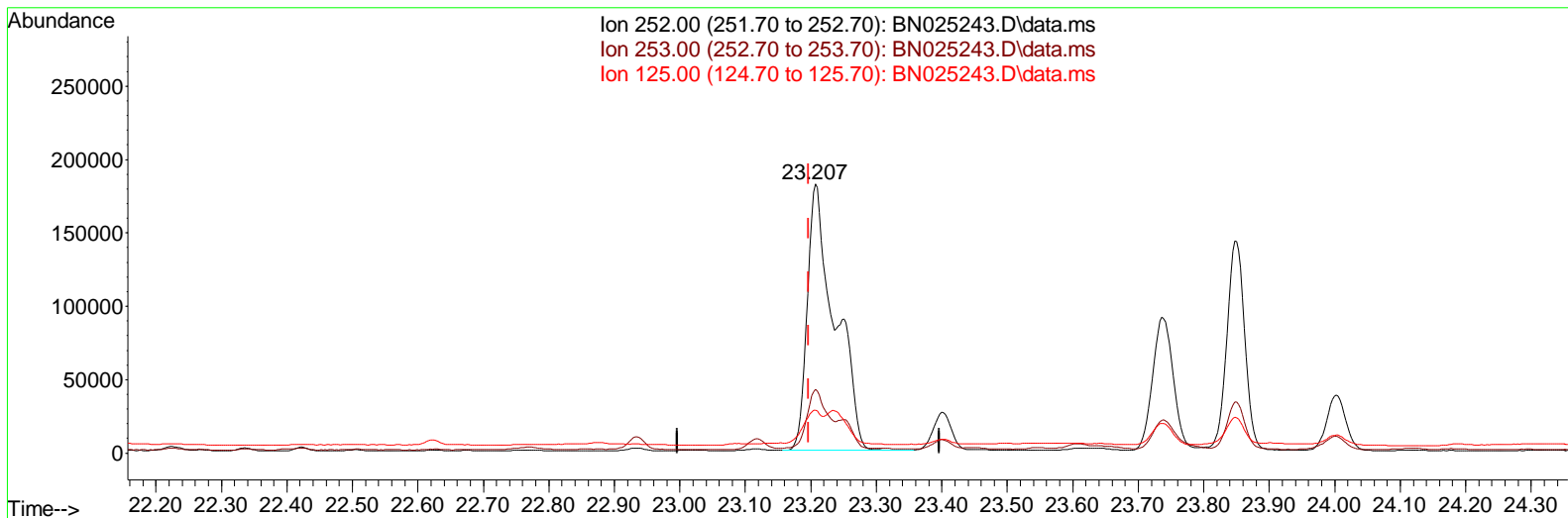
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN050323\  
 Data File : BN025243.D  
 Acq On : 03 May 2023 17:19  
 Operator : CG/JU  
 Sample : 02447-06  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 EW911

Manual Integrations APPROVED

Quant Time: May 04 04:30:08 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 : Wed May 03 15:28:32 2023  
 Response via : Initial Calibration

Reviewed By : Christian Giraldo 05/04/2023  
 Supervised By : Jagrut Upadhyay 05/04/2023



TIC: BN025243.D\data.ms

(24) Benzo(b)fluoranthene

23.207min (+ 0.010) 4.87 ng/ul

response	535316	
Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	23.76
125.00	15.20	15.82
0.00	0.00	0.00

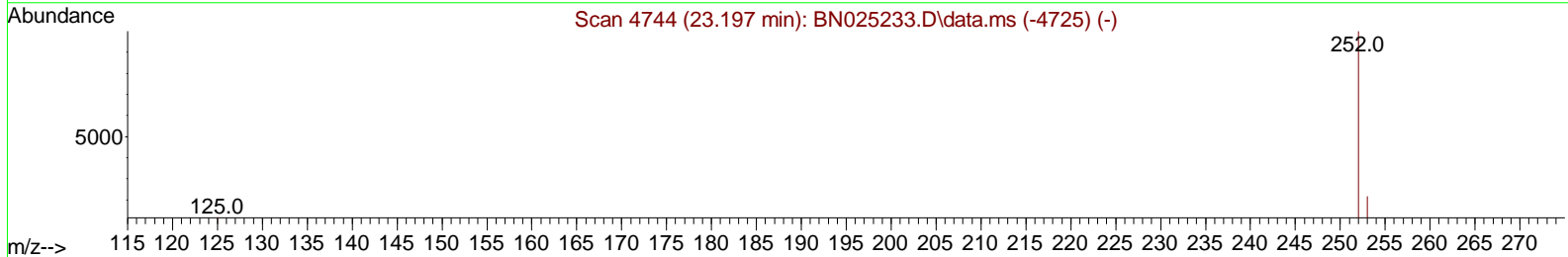
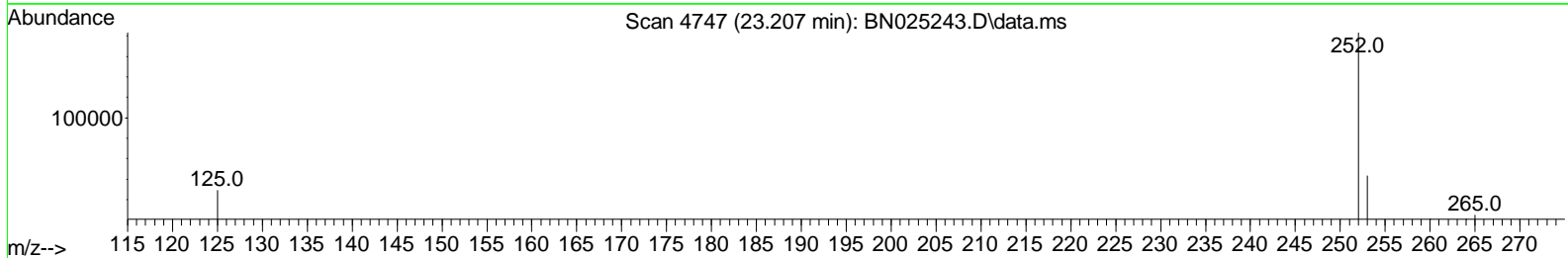
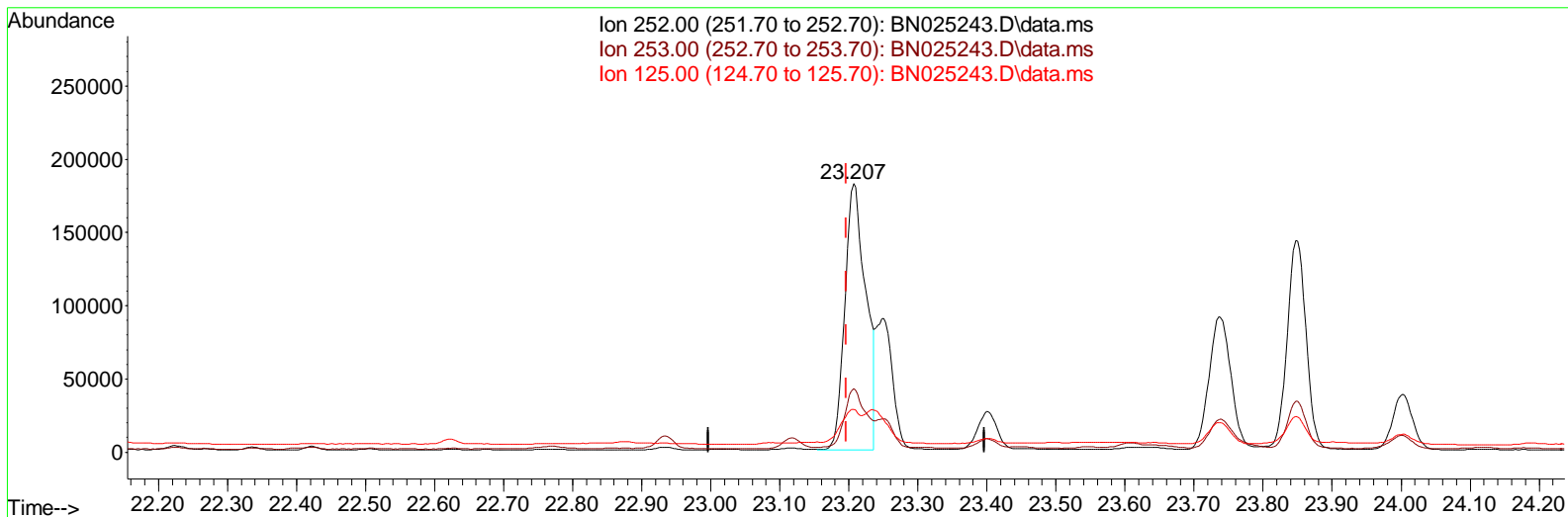
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(24) Benzo(b)fluoranthene

23.207min (+ 0.010) 3.52 ng/ul m

response 386549

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	23.76
125.00	15.20	15.82
0.00	0.00	0.00

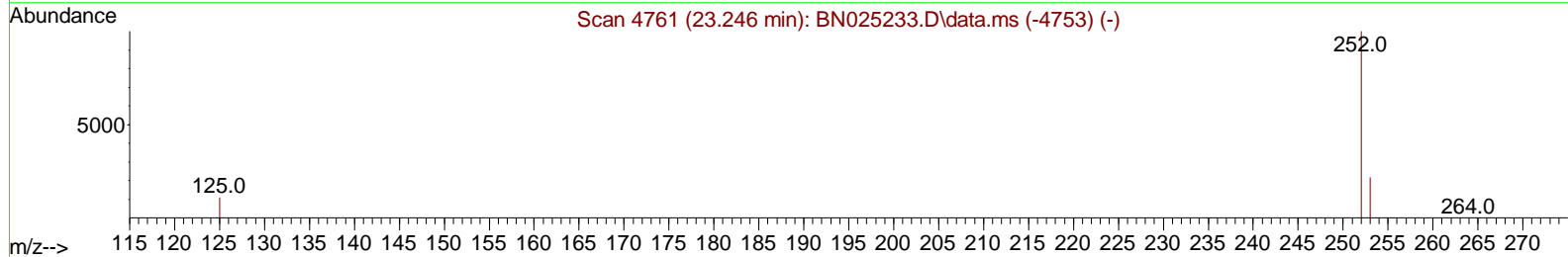
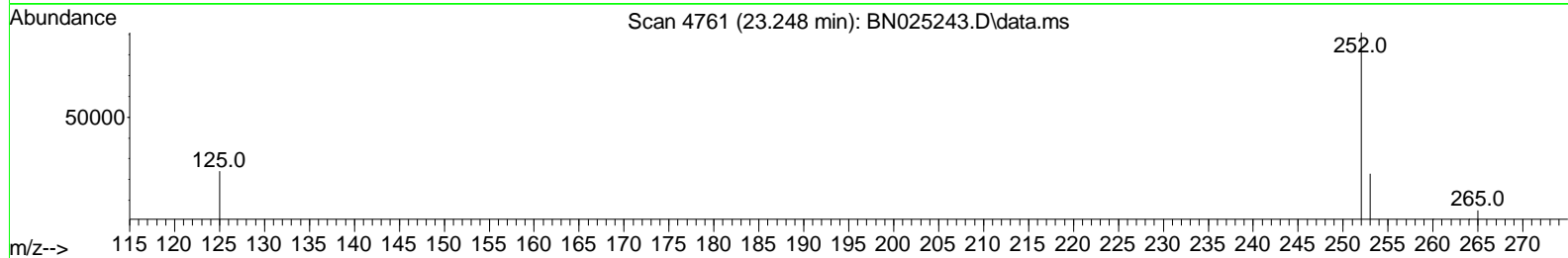
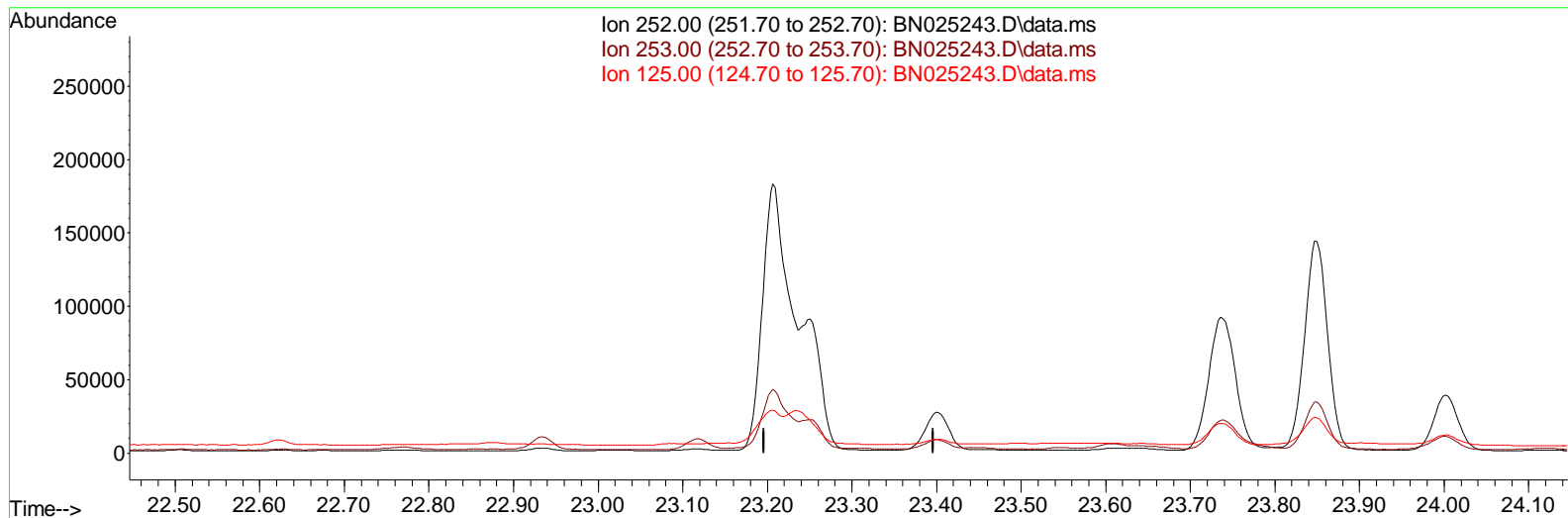
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 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
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TIC: BN025243.D\data.ms

(25) Benzo(k)fluoranthene

23.246min (-23.246) 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

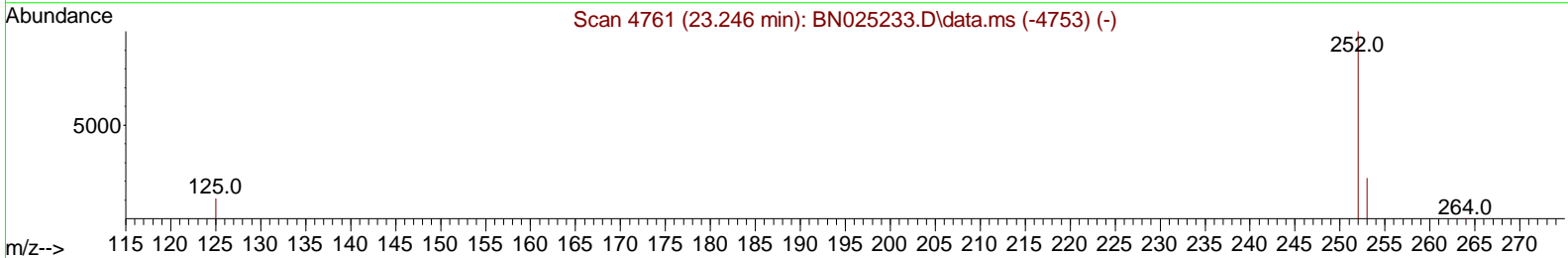
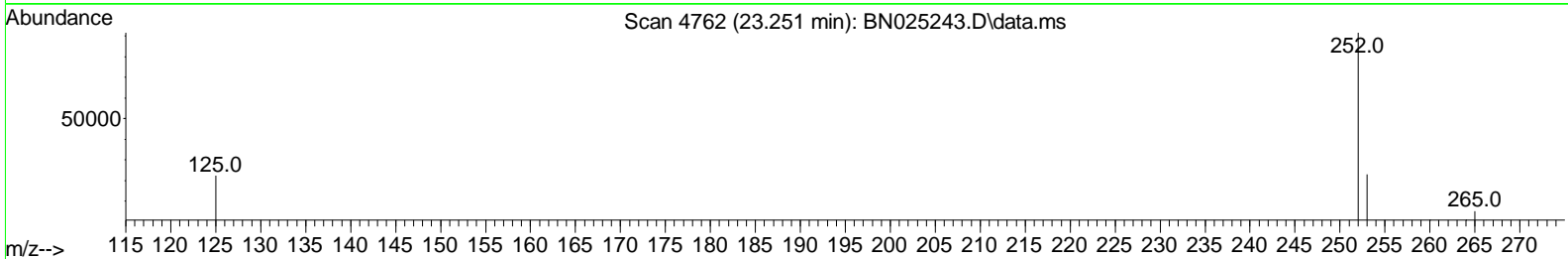
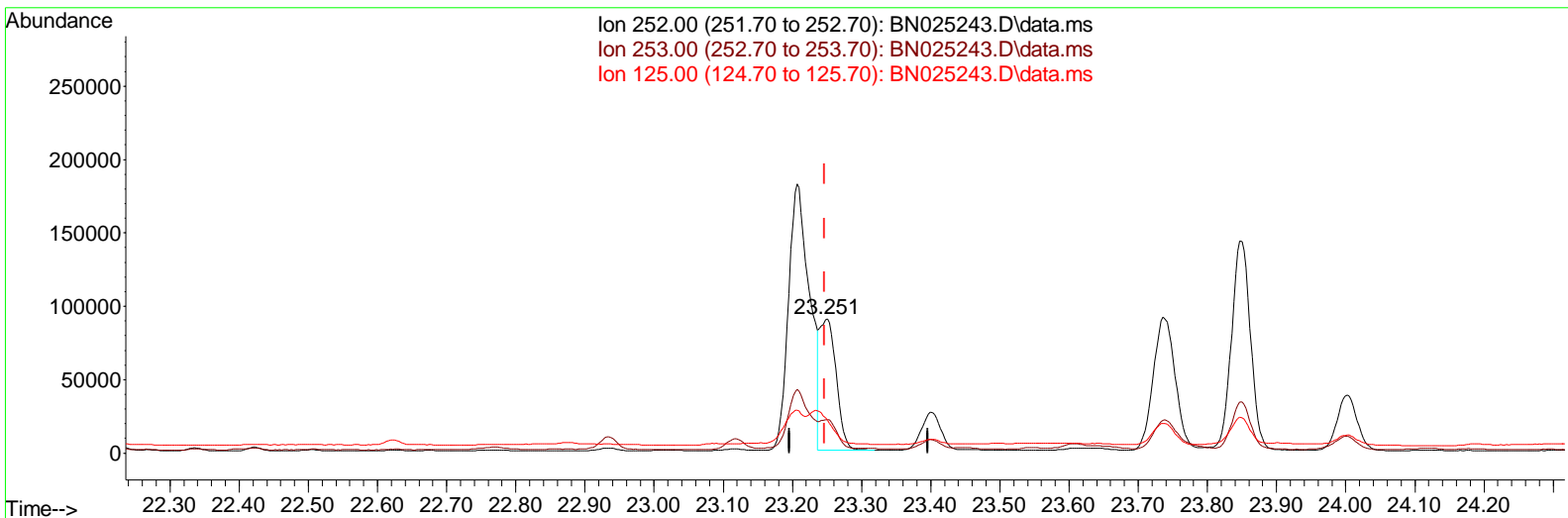
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TIC: BN025243.D\data.ms

(25) Benzo(k)fluoranthene

23.251min (+ 0.004) 1.41 ng/ul m

response 148662

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.30	25.01
125.00	14.80	24.31#
0.00	0.00	0.00

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 Operator : CG/JU  
 Sample : 02447-06  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

**Instrument :**  
 BNA\_N  
**ClientSampleId :**  
 EW911

**Manual Integrations APPROVED**

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Compound	R.T.	QI on	Response	Conc	Units	Dev(Min)
<b>Internal Standards</b>						
1) 1,4-Dichlorobenzene-d4	7.917	152	8387	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	28995	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.561	164	17619	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.313	188	38610	0.400	ng/ul	0.00
17) Chrysene-d12	21.506	240	31921	0.400	ng/ul	# 0.00
23) Perylene-d12	23.949	264	27082	0.400	ng/ul	0.00
<b>System Monitoring Compounds</b>						
3) 1,4-Dioxane-d8	3.293	96	21280	2.450	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	6875	0.185	ng/ul	0.00
18) Fluoranthene-d10	19.340	212	17887	0.212	ng/ul	0.00
<b>Target Compounds</b>						
						Qvalue
5) Naphthalene	10.776	128	5606	0.075	ng/ul #	93
7) 2-Methylnaphthalene	12.387	142	3548	0.078	ng/ul	99
8) 1-Methylnaphthalene	12.607	142	3538	0.073	ng/ul	99
10) Acenaphthylene	14.283	152	17325	0.264	ng/ul	96
11) Acenaphthene	14.626	153	10296	0.186	ng/ul	99
12) Fluorene	15.611	166	12307	0.199	ng/ul	98
15) Phenanthrene	17.351	178	285345	2.618	ng/ul	100
16) Anthracene	17.444	178	63198	0.709	ng/ul	100
19) Fluoranthene	19.373	202	765252	6.629	ng/ul	100
20) Pyrene	19.735	202	725349	6.116	ng/ul	99
21) Benzo(a)anthracene	21.491	228	361039	3.753	ng/ul	98
22) Chrysene	21.544	228	362290	3.453	ng/ul	97
24) Benzo(b)fluoranthene	23.207	252	386549m	3.518	ng/ul	
25) Benzo(k)fluoranthene	23.251	252	148662m	1.407	ng/ul	
26) Benzo(a)pyrene	23.847	252	271835	2.990	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.504	276	172088	1.643	ng/ul #	92
28) Di benzo(a,h)anthracene	26.511	278	42890	0.524	ng/ul #	86
29) Benzo(g,h,i)perylene	27.289	276	157803	1.772	ng/ul	98

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

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