

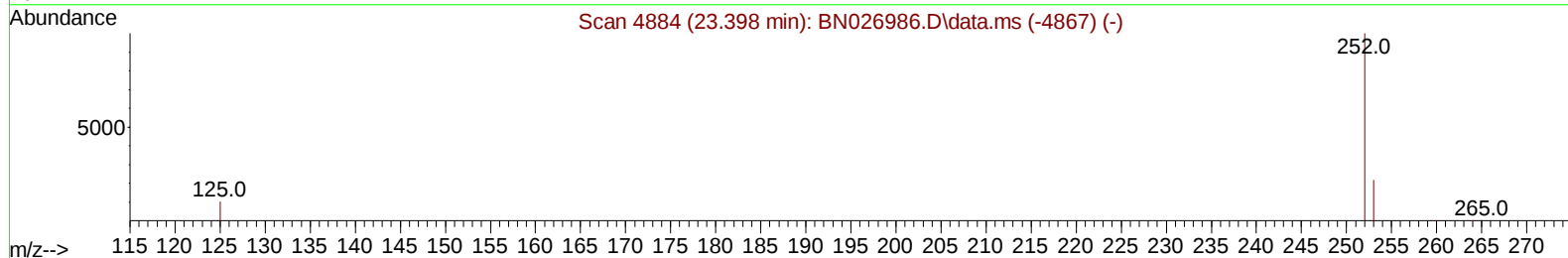
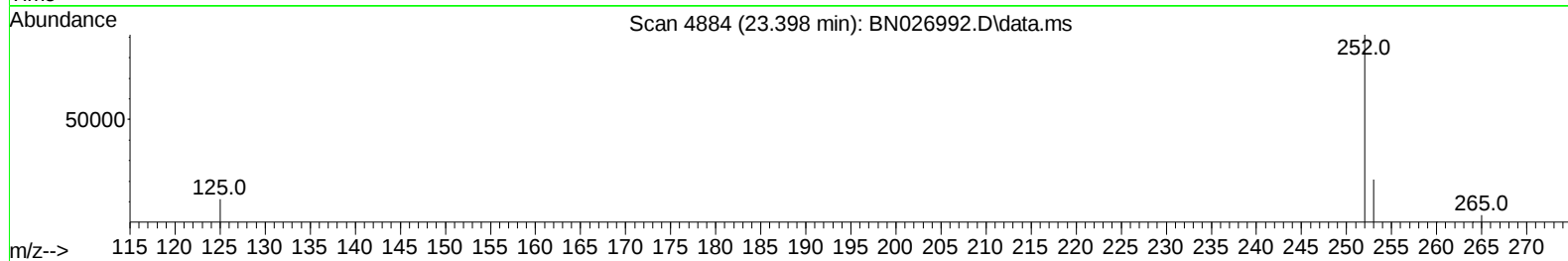
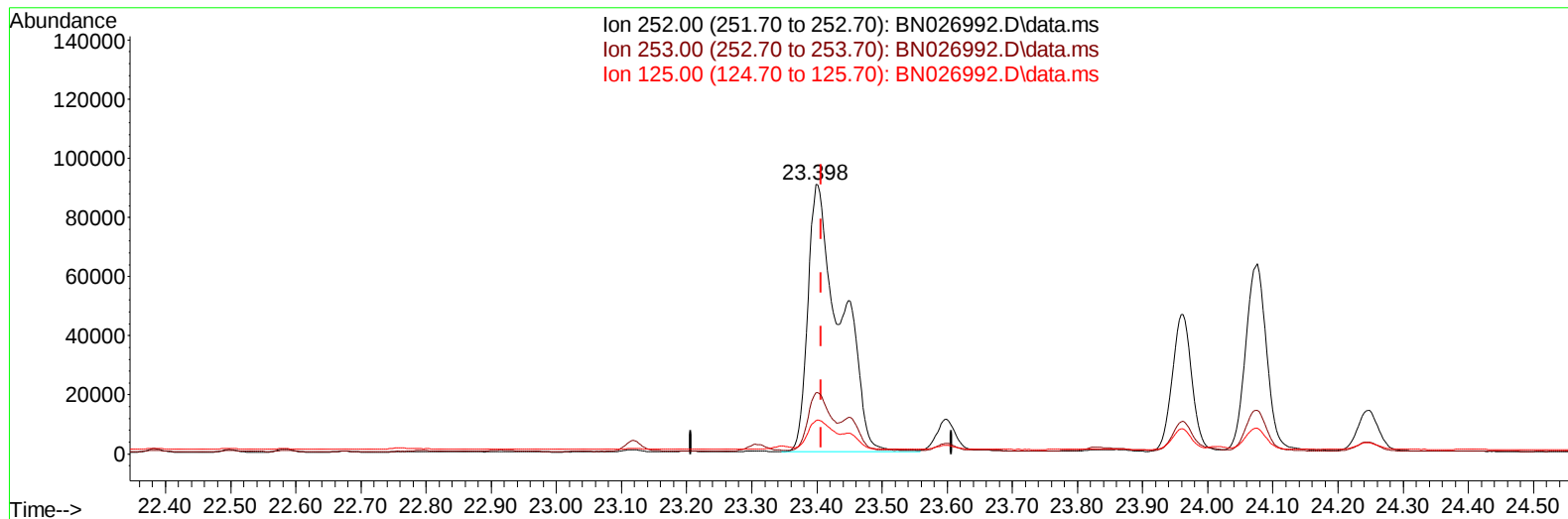
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
Data File : BN026992.D
Acq On : 21 Aug 2023 14:39
Operator : MA/JU
Sample : 03967-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A48K2MS

Manual IntegrationsAPPROVED

Quant Time: Aug 22 01:38:41 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 18 13:11:26 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



TIC: BN026992.D\data.ms

(24) Benzo(b)fluoranthene

23.398min (-0.009) 2.66 ng/u1

response 315422

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.40	22.75
125.00	12.60	12.50
0.00	0.00	0.00

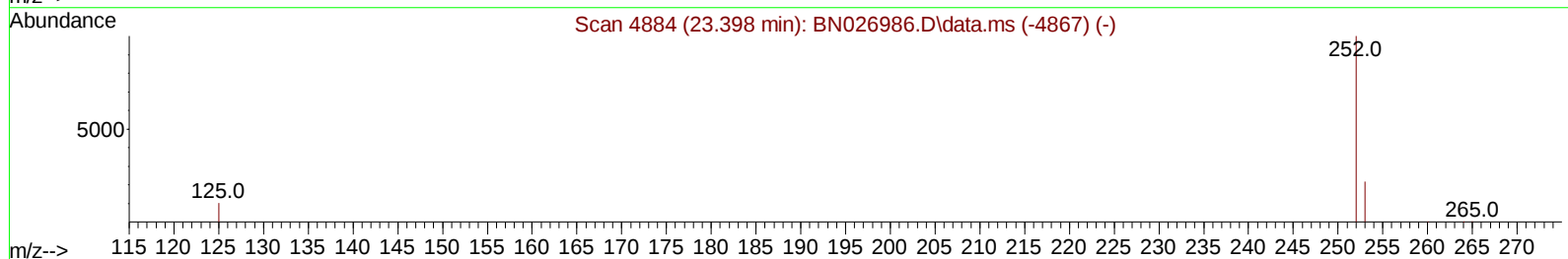
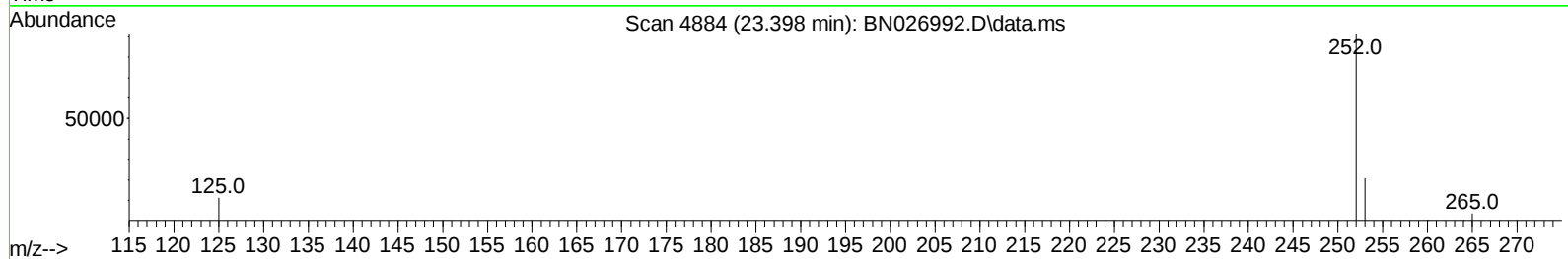
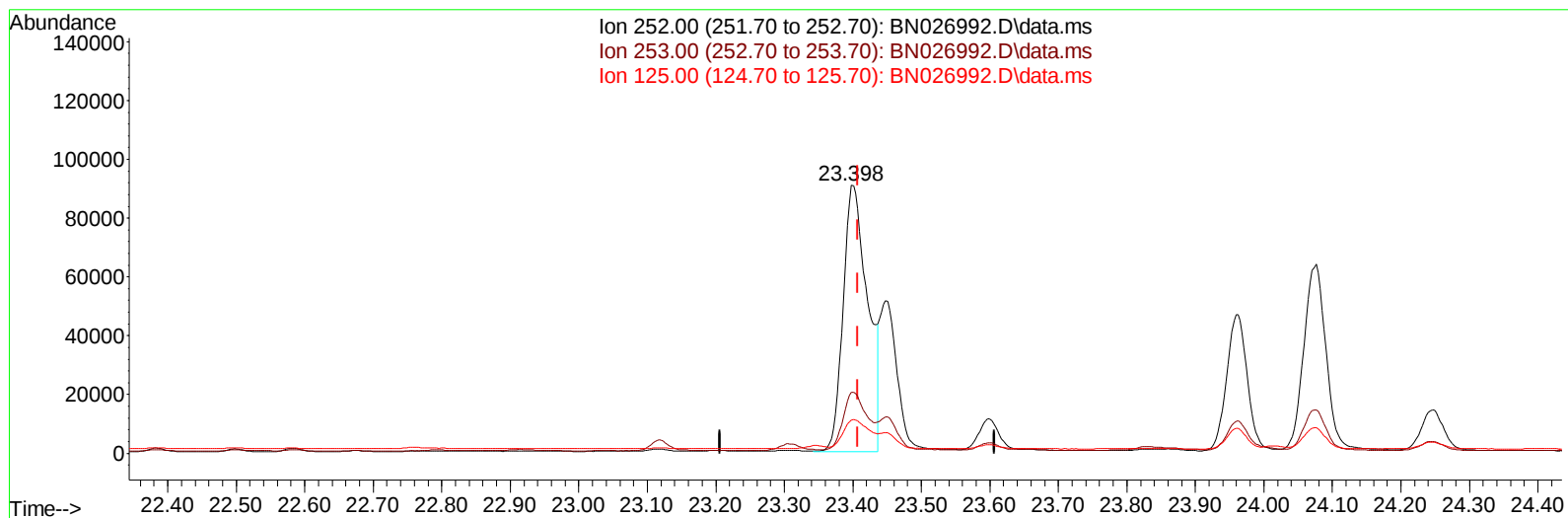
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TIC: BN026992.D\data.ms

(24) Benzo(b)fluoranthene

23.398min (-0.009) 1.90 ng/u1 m

response 225368

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.40	22.75
125.00	12.60	12.50
0.00	0.00	0.00

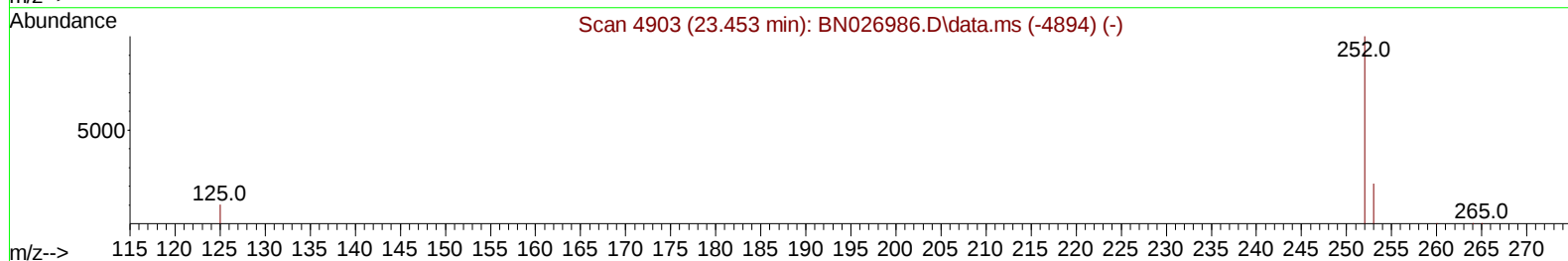
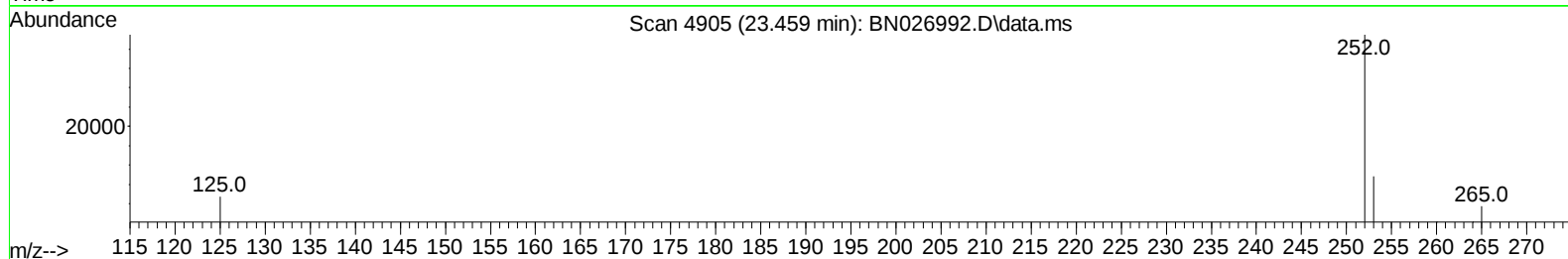
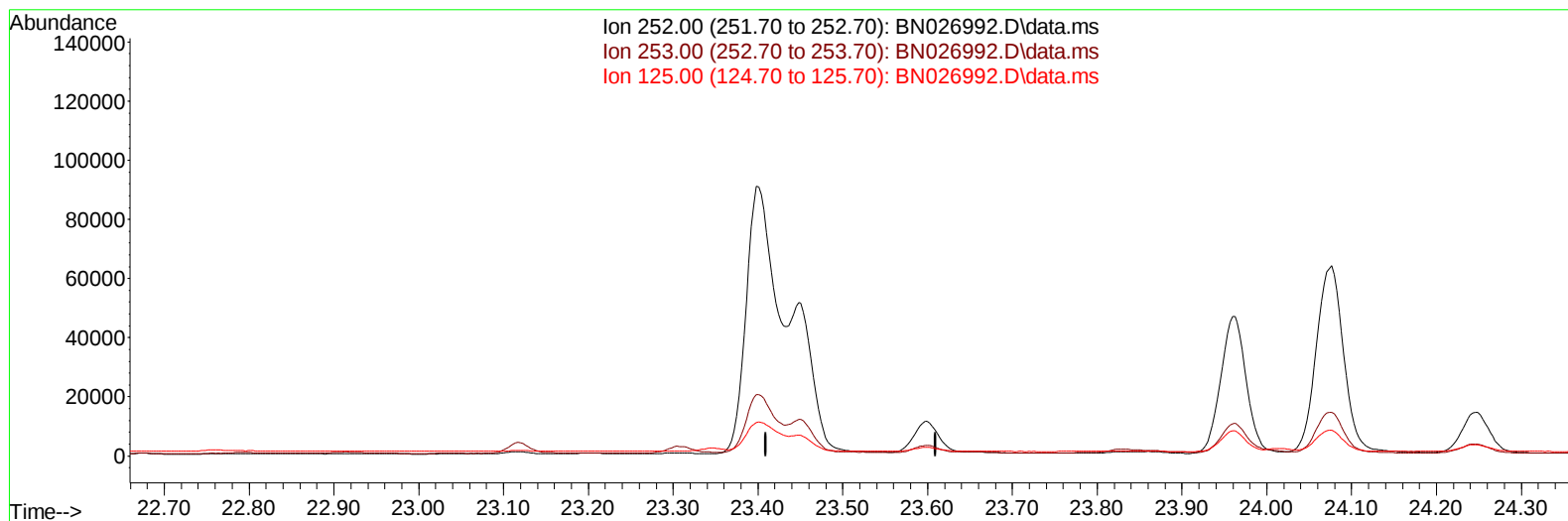
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TIC: BN026992.D\data.ms

(25) Benzo(k)fluoranthene

23.460min (-23.460) 0.00 ng/u1

response 0

Ion	Exp%	Act%
252.00	100.00	0.00
253.00	22.80	0.00#
125.00	12.40	0.00#
0.00	0.00	0.00

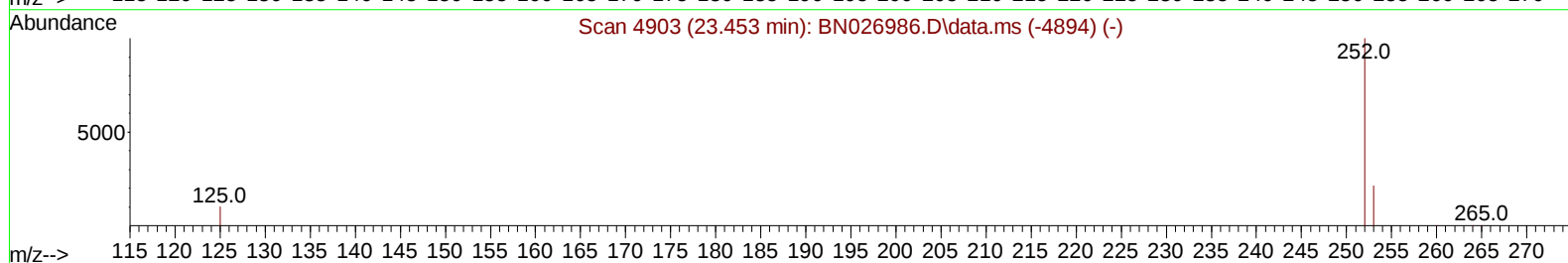
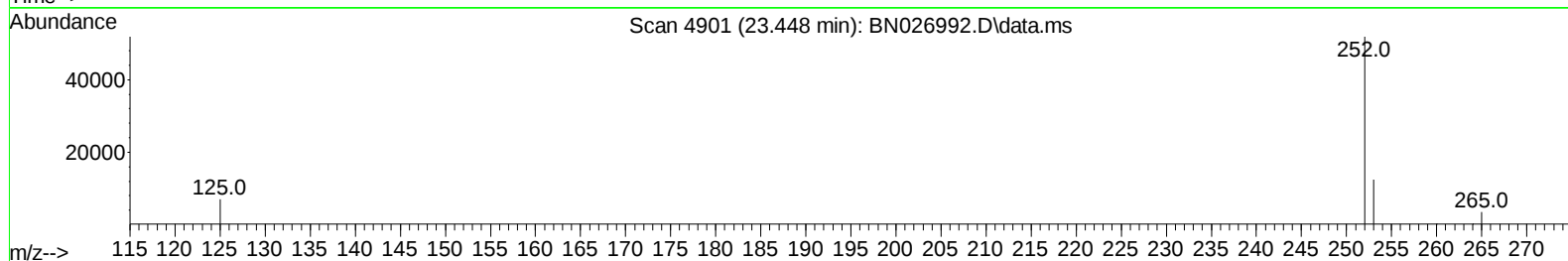
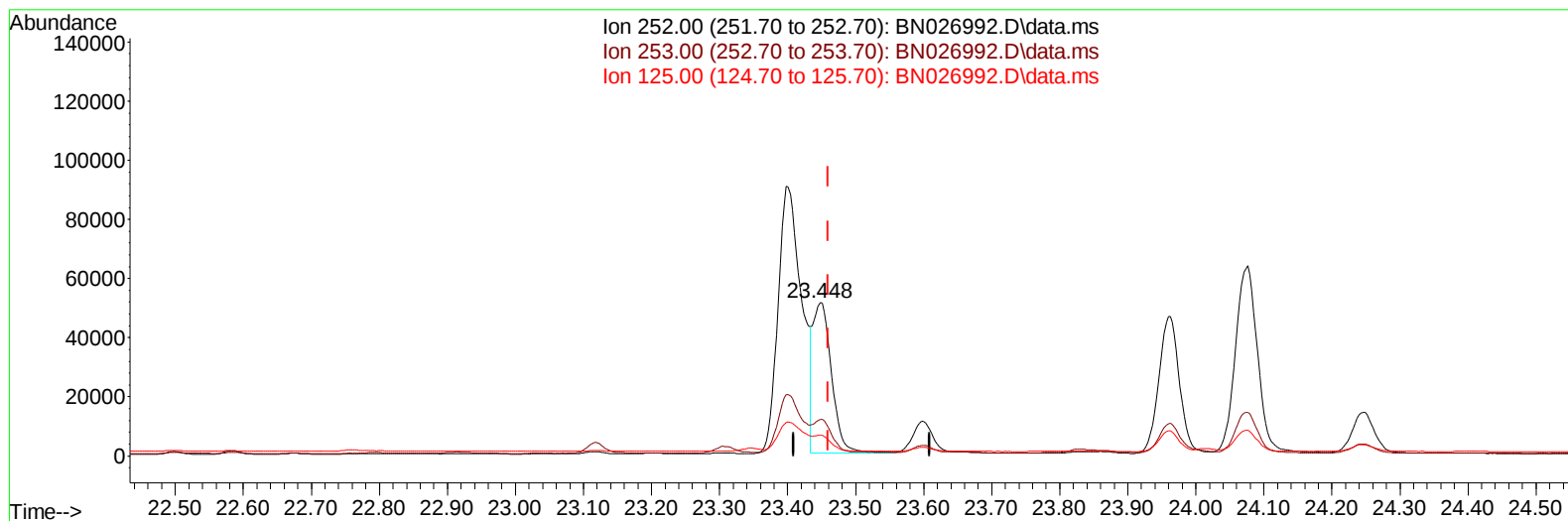
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 ALS Vial : 8 Sample Multiplier: 1

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TIC: BN026992.D\data.ms

(25) Benzo(k)fluoranthene

23.448min (-0.012) 0.83 ng/ul m

response 97223

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.80	23.85
125.00	12.40	13.61
0.00	0.00	0.00

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 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.101	152	9403	0.400	ng/ul	0.00
4) Naphthalene-d8	10.927	136	27268	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.731	164	17434	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.472	188	42148	0.400	ng/ul	0.00
17) Chrysene-d12	21.647	240	32027	0.400	ng/ul	0.00
23) Perylene-d12	24.190	264	31304	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.443	96	3235	0.290	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.500	152	8135	0.203	ng/ul	0.00
18) Fluoranthene-d10	19.492	212	21380	0.211	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.481	88	7579	0.665	ng/ul	96
5) Naphthalene	10.982	128	26065	0.338	ng/ul	100
7) 2-Methylnaphthalene	12.577	142	12858	0.275	ng/ul	99
8) 1-Methylnaphthalene	12.791	142	12138	0.248	ng/ul	99
10) Acenaphthylene	14.458	152	20043	0.205	ng/ul	99
11) Acenaphthene	14.791	153	15078	0.223	ng/ul	99
12) Fluorene	15.771	166	20664	0.270	ng/ul	99
14) Pentachlorophenol	17.097	266	143	0.012	ng/ul	95
15) Phenanthrene	17.515	178	209226	1.511	ng/ul	100
16) Anthracene	17.607	178	57772	0.462	ng/ul	100
19) Fluoranthene	19.520	202	391661	2.944	ng/ul	99
20) Pyrene	19.882	202	348819	2.457	ng/ul	100
21) Benzo(a)anthracene	21.630	228	177277	1.392	ng/ul	99
22) Chrysene	21.685	228	181967	1.447	ng/ul	99
24) Benzo(b)fluoranthene	23.398	252	225368m	1.903	ng/ul	
25) Benzo(k)fluoranthene	23.448	252	97223m	0.833	ng/ul	
26) Benzo(a)pyrene	24.076	252	140968	1.319	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.874	276	94154	0.674	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.904	278	33474	0.300	ng/ul	95
29) Benzo(g,h,i)perylene	27.716	276	87736	0.754	ng/ul	99

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

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