

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043089.D
 Acq On : 30 Nov 2023 17:39
 Operator : MA/JU
 Sample : 05497-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/04/2023

12/01/2023
 Supervised By :mohammad
 ahmed

Quant Time: Dec 01 00:43:43 2023

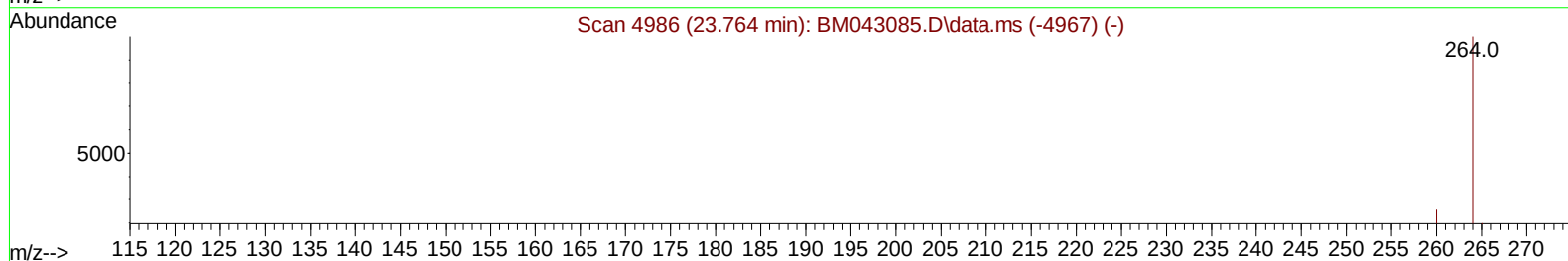
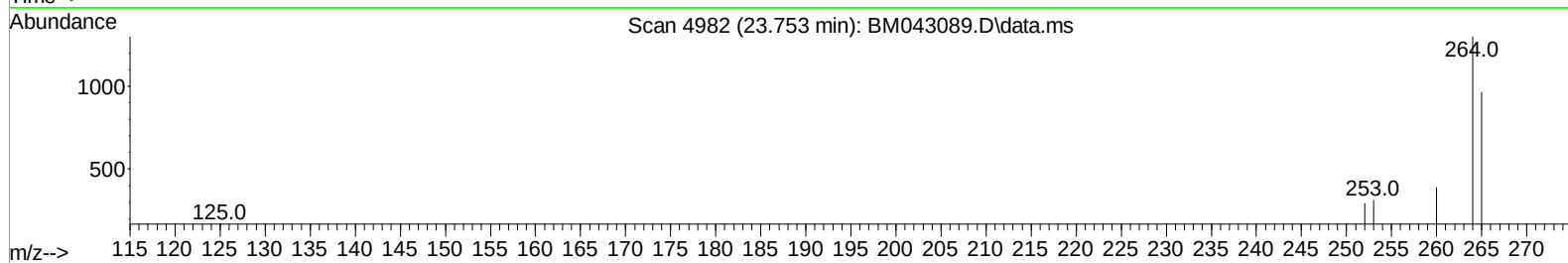
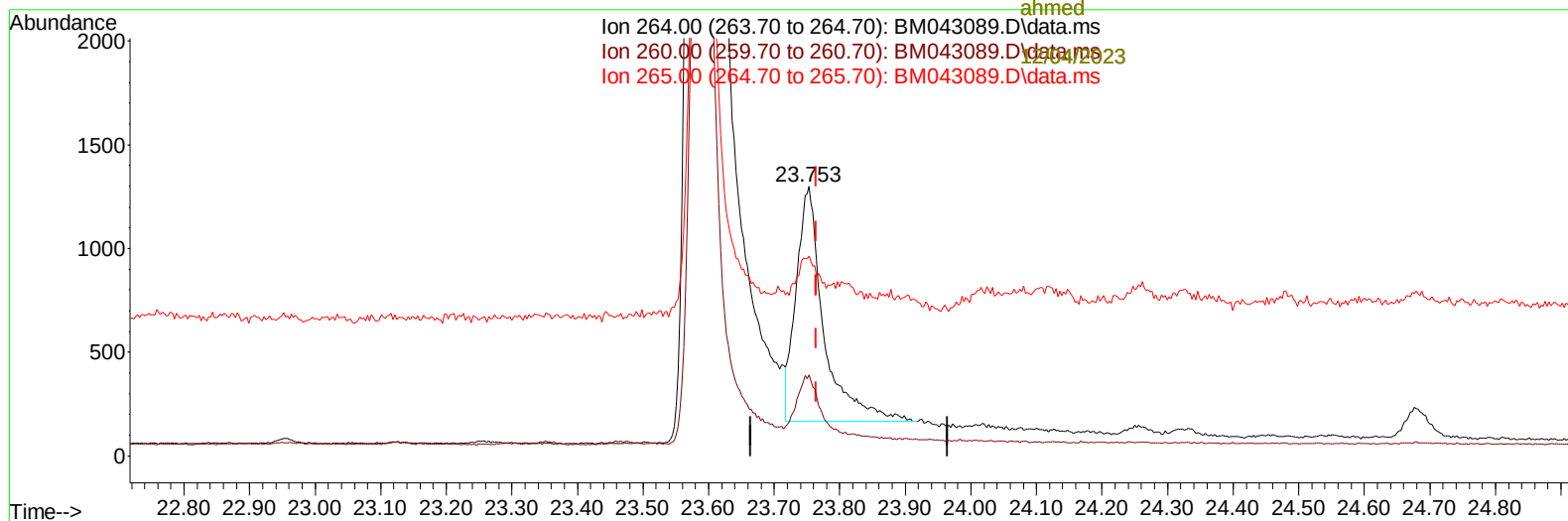
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Dec 01 00:42:42 2023

Response via : Initial Calibration

Ion 264.00 (263.70 to 264.70): BM043089.D\data.ms
 Ion 260.00 (259.70 to 260.70): BM043089.D\data.ms
 Ion 265.00 (264.70 to 265.70): BM043089.D\data.ms



TIC: BM043089.D\data.ms

(23) Perylene-d12 (I)

23.753min (-0.012) 0.40 ng/u1

response 3288

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	30.02
265.00	120.30	74.21#
0.00	0.00	0.00

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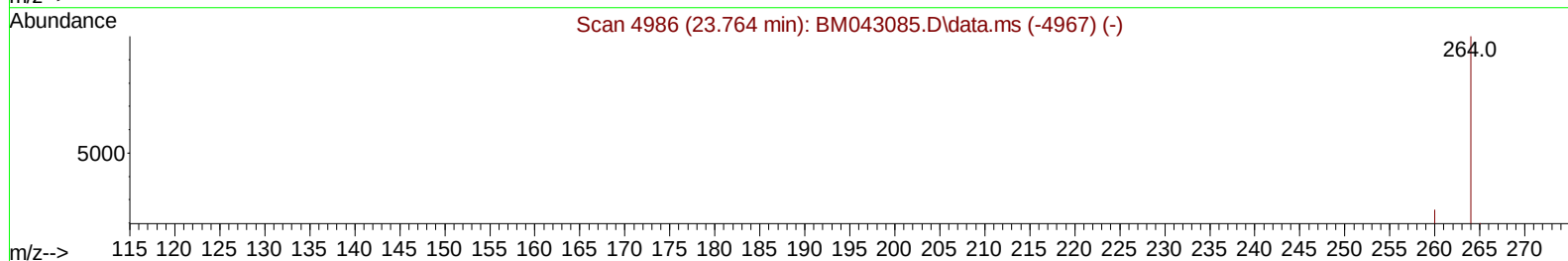
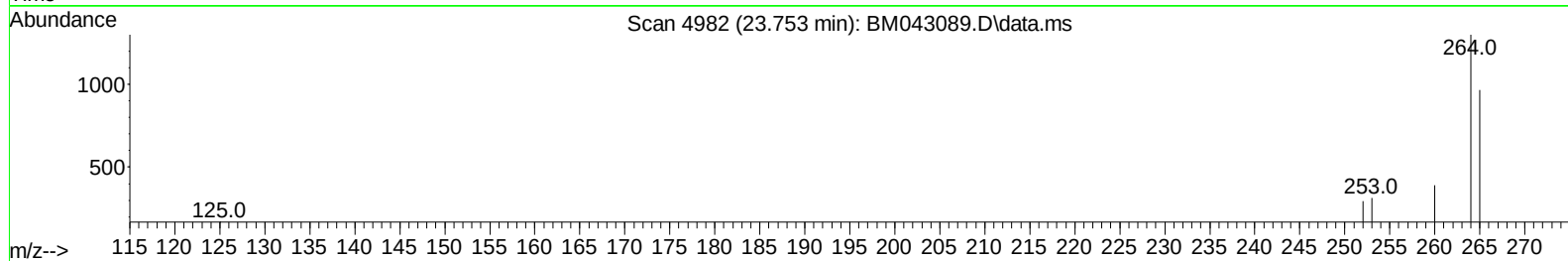
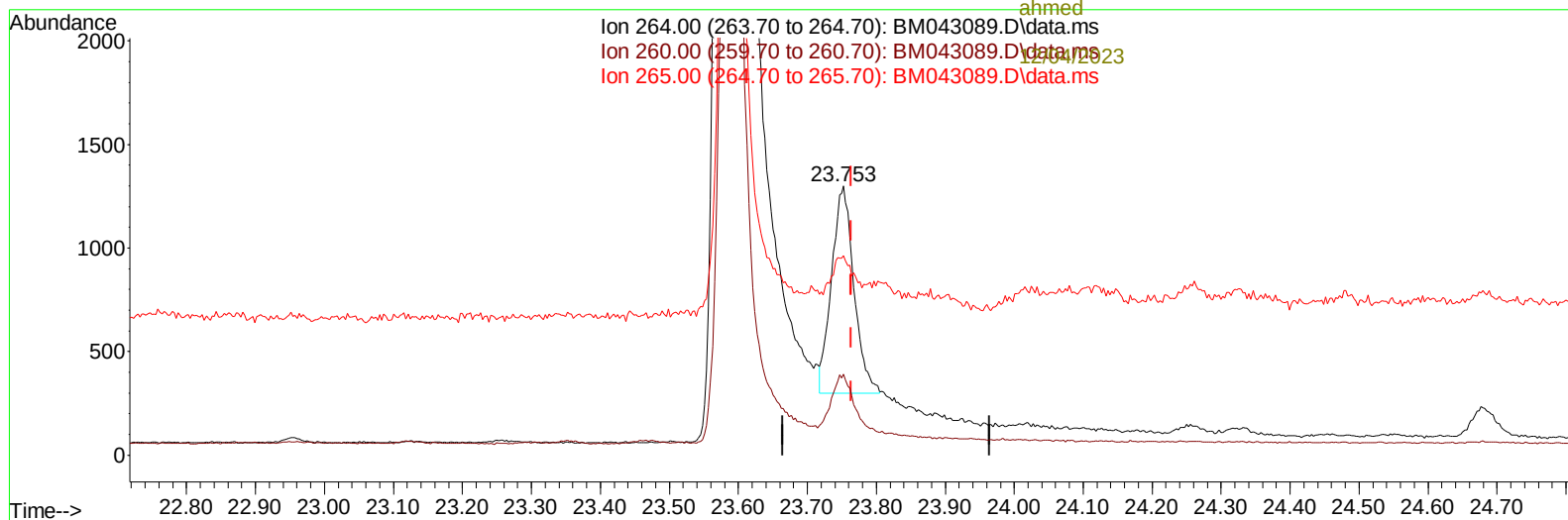
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 ahmed



TIC: BM043089.D\data.ms

(23) Perylene-d12 (I)

23.753min (-0.012) 0.40 ng/ul m

response 2242

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	30.02
265.00	120.30	74.21#
0.00	0.00	0.00

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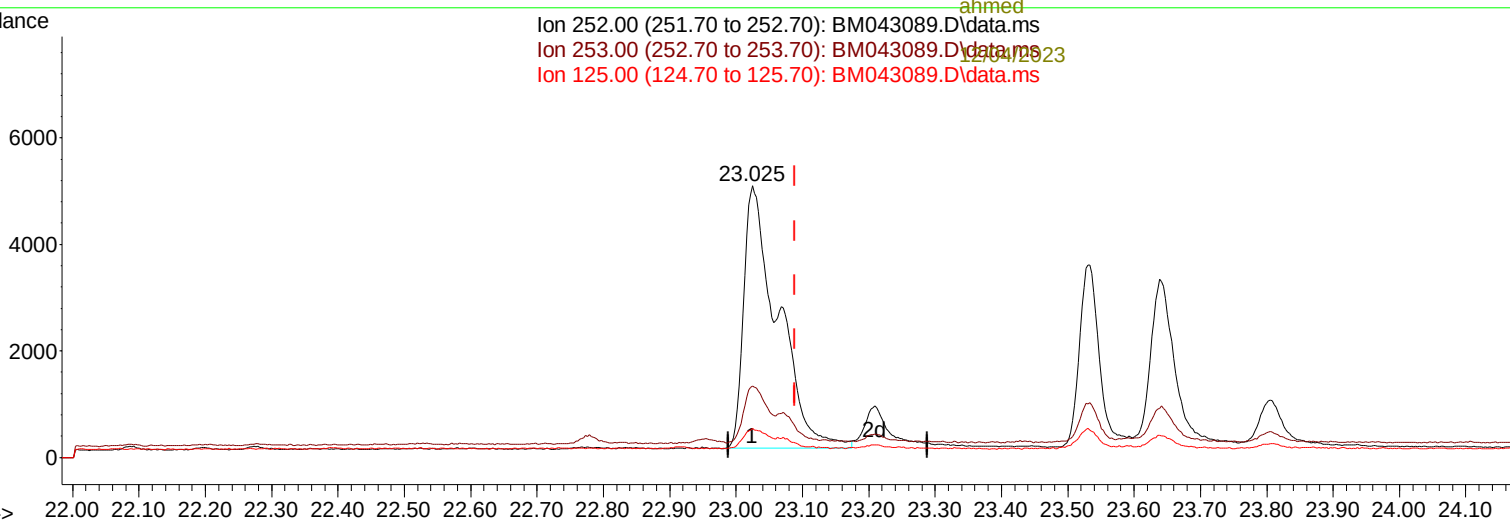
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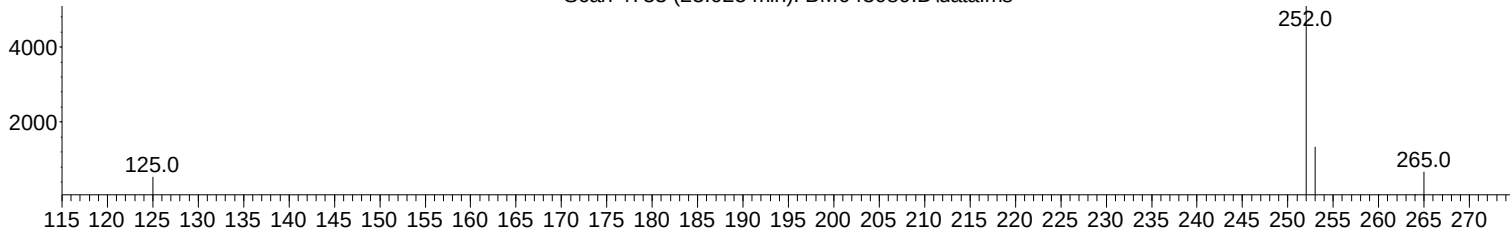
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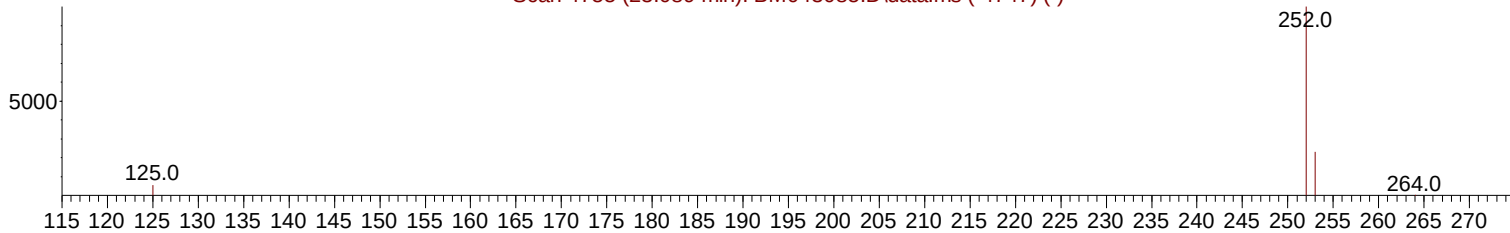
Ion 252.00 (251.70 to 252.70): BM043089.D\data.ms
Ion 253.00 (252.70 to 253.70): BM043089.D\data.ms
Ion 125.00 (124.70 to 125.70): BM043089.D\data.ms



Scan 4733 (23.025 min): BM043089.D\data.ms



Scan 4755 (23.089 min): BM043085.D\data.ms (-4747) (-)



TIC: BM043089.D\data.ms

(25) Benzo(k)fluoranthene

23.025min (-0.064) 1.68 ng/u1

response 17556

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.20	26.36#
125.00	13.80	10.63#
0.00	0.00	0.00

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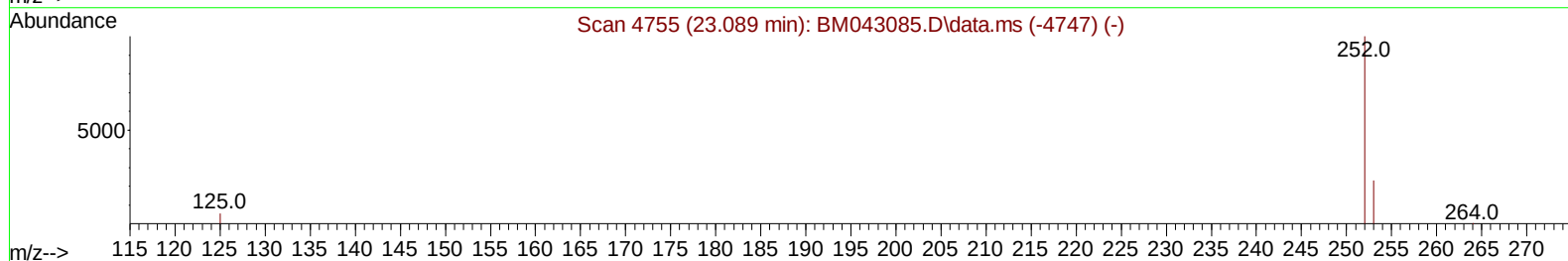
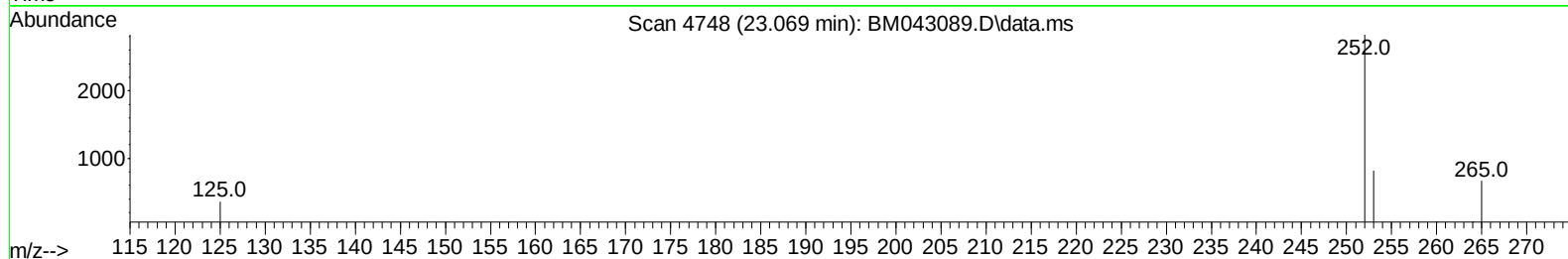
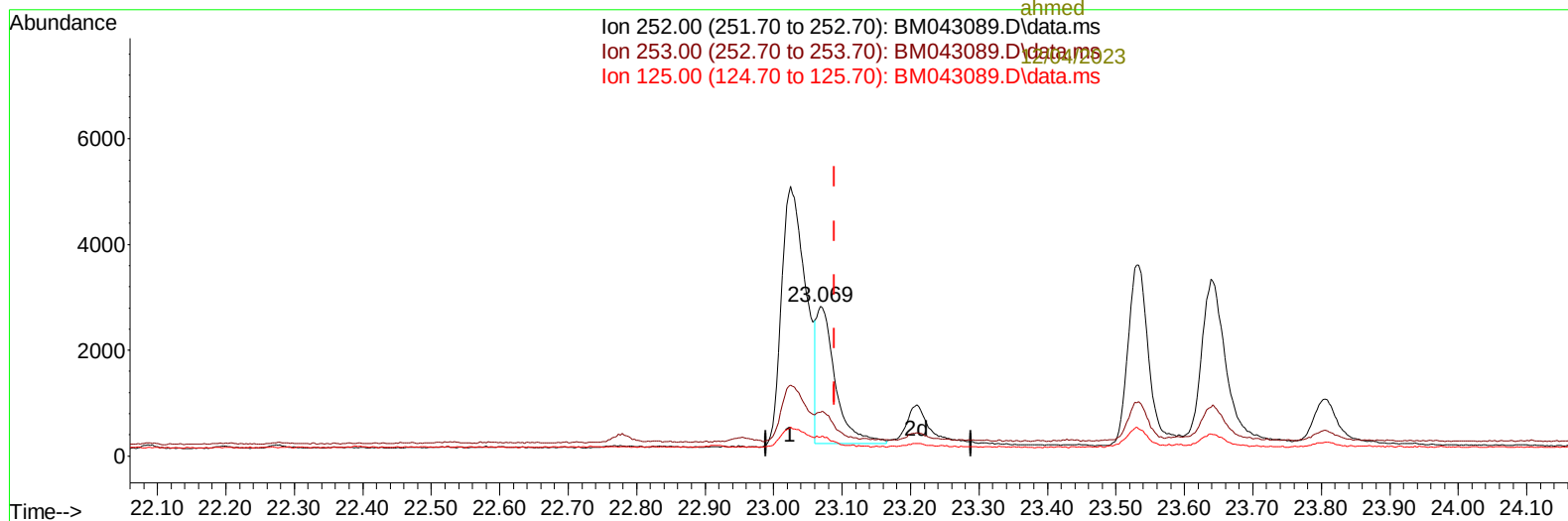
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TIC: BM043089.D\data.ms

(25) Benzo(k)fluoranthene

23.069min (-0.020) 0.48 ng/ul m

response 4959

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.20	29.00
125.00	13.80	12.69
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----12/04/2023						
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.813	152	909	0.400	ng/ul	#-0.05
4) Naphthalene-d8	10.612	136	2461	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.451	164	1323	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.209	188	2697	0.400	ng/ul	-0.02
17) Chrysene-d12	21.400	240	2044	0.400	ng/ul	#-0.01
23) Perylene-d12	23.753	264	2242m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	1512	1.084	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.223	152	539	0.164	ng/ul	-0.01
18) Fluoranthene-d10	19.239	212	1228	0.165	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.661	128	1462	0.219	ng/ul	98
7) 2-Methylnaphthalene	12.289	142	847	0.215	ng/ul	99
8) 1-Methylnaphthalene	12.504	142	589	0.134	ng/ul	96
10) Acenaphthylene	14.178	152	1380	0.204	ng/ul	96
12) Fluorene	15.511	166	329	0.063	ng/ul#	91
15) Phenanthrene	17.251	178	10563	1.373	ng/ul	94
16) Anthracene	17.344	178	2695	0.370	ng/ul	95
19) Fluoranthene	19.267	202	22434	1.936	ng/ul#	92
20) Pyrene	19.629	202	19508	1.583	ng/ul#	94
21) Benzo(a)anthracene	21.385	228	9481	1.430	ng/ul	96
22) Chrysene	21.438	228	8882	0.719	ng/ul	98
24) Benzo(b)fluoranthene	23.025	252	12260	1.620	ng/ul	86
25) Benzo(k)fluoranthene	23.069	252	4959m	0.476	ng/ul	
26) Benzo(a)pyrene	23.639	252	7522	0.911	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	26.195	276	6701	0.600	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.205	278	1602	0.185	ng/ul#	89
29) Benzo(g,h,i)perylene	26.966	276	6719	0.618	ng/ul	93

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

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