Quantitation Report (Qedit)

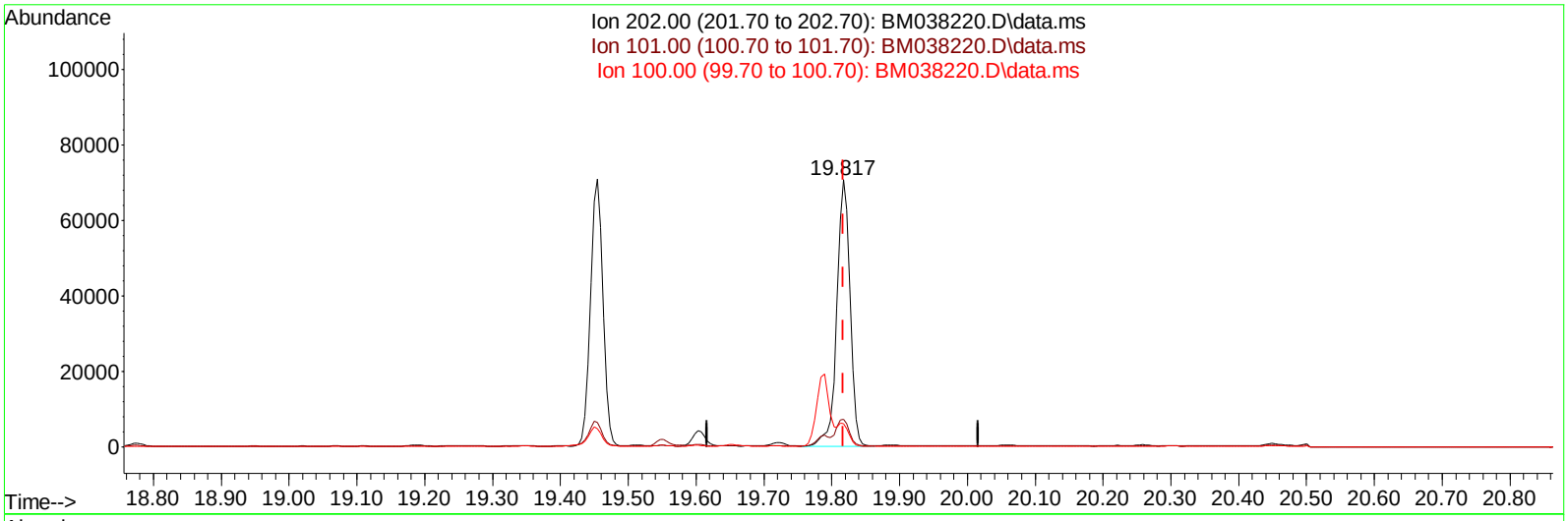
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038220.D
Acq On : 23 Dec 2022 04:42
Operator : CG/JU
Sample : N6008-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

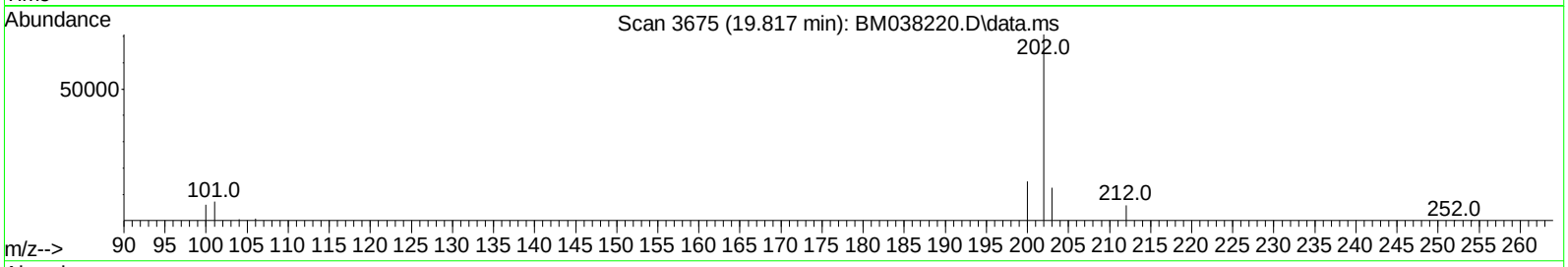
Quant Time: Dec 23 05:21:41 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 23:36:45 2022
Response via : Initial Calibration

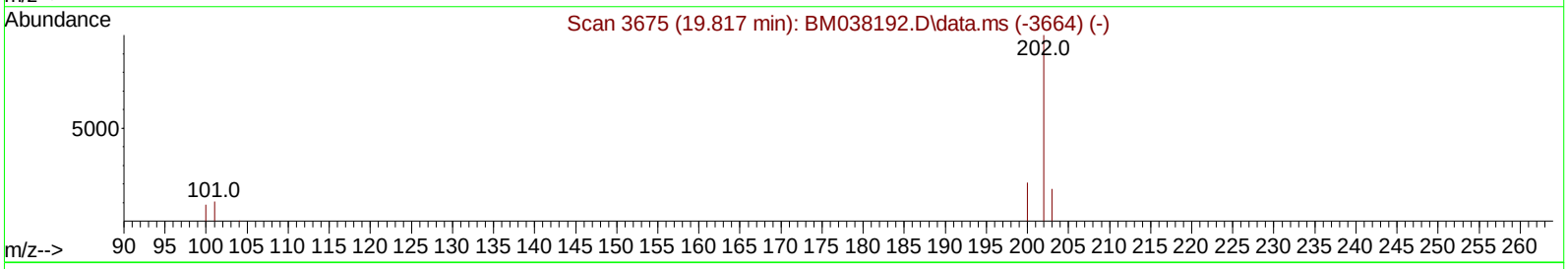
Instrument :
BNA_M
ClientSampleId :
DBXY8

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022







TIC: BM038220.D\data.ms

(20) Pyrene

19.817min (+ 0.000) 1.65 ng/ul

response 94000

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.10	10.30
100.00	9.20	8.63
0.00	0.00	0.00

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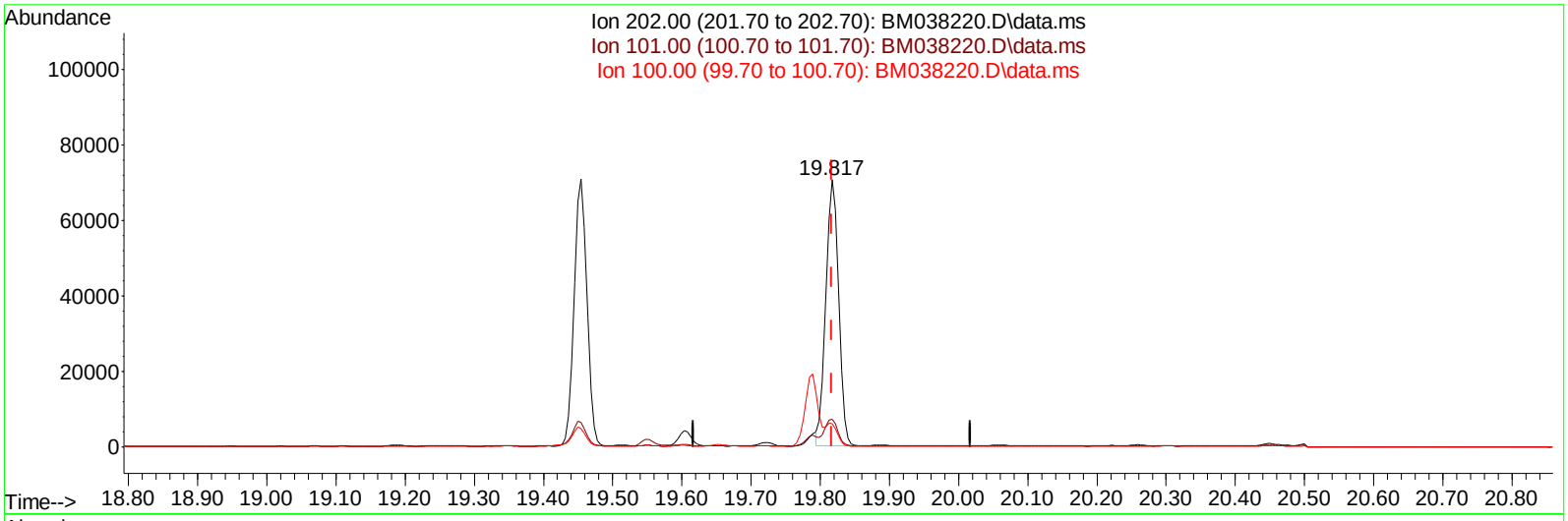

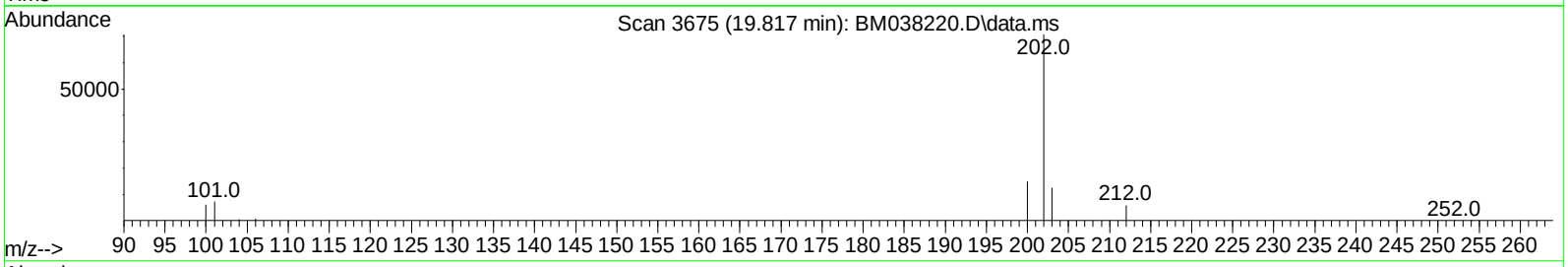

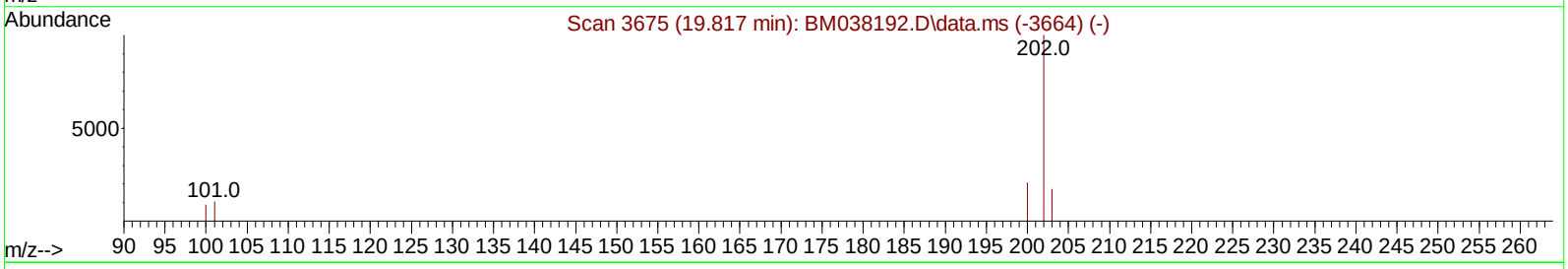

TIC: BM038220.D\data.ms

(20) Pyrene

19.817min (+ 0.000) 1.59 ng/ul m

response 90672

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.10	10.30
100.00	9.20	8.63
0.00	0.00	0.00

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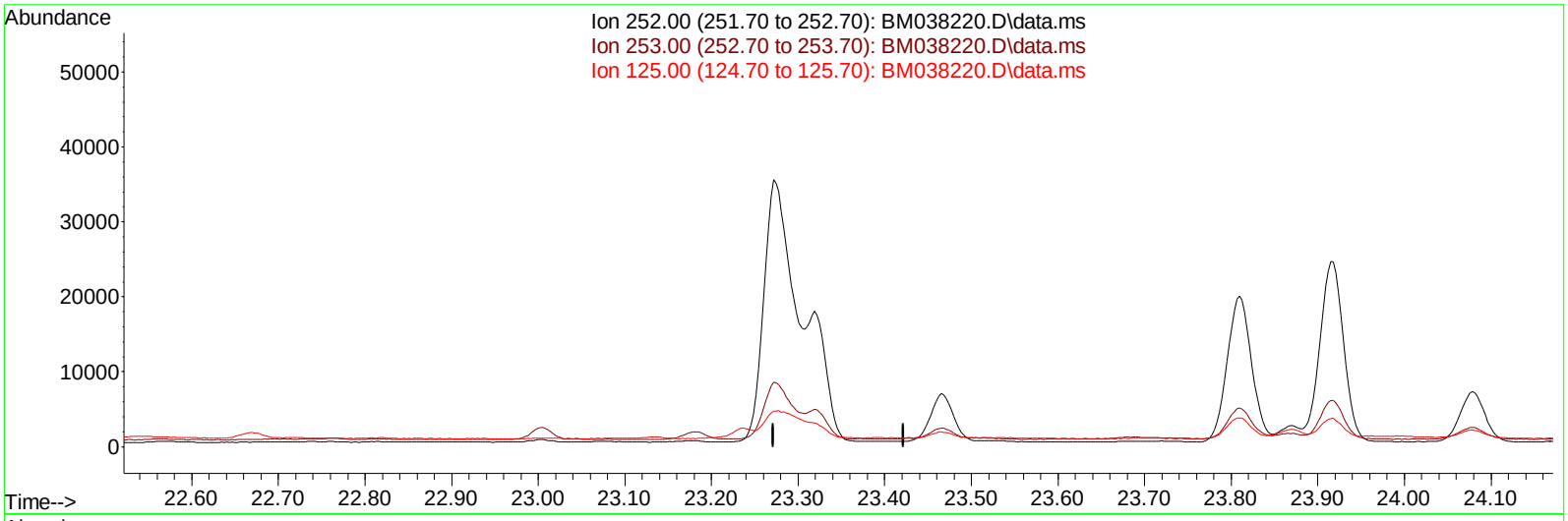

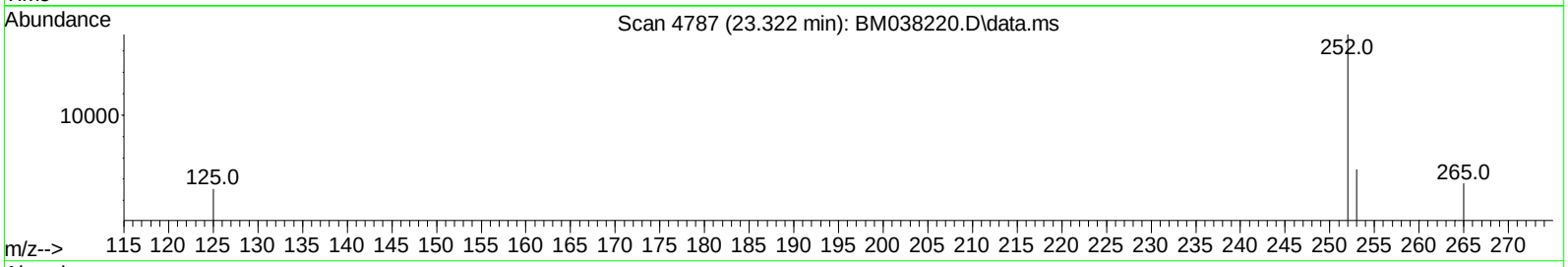

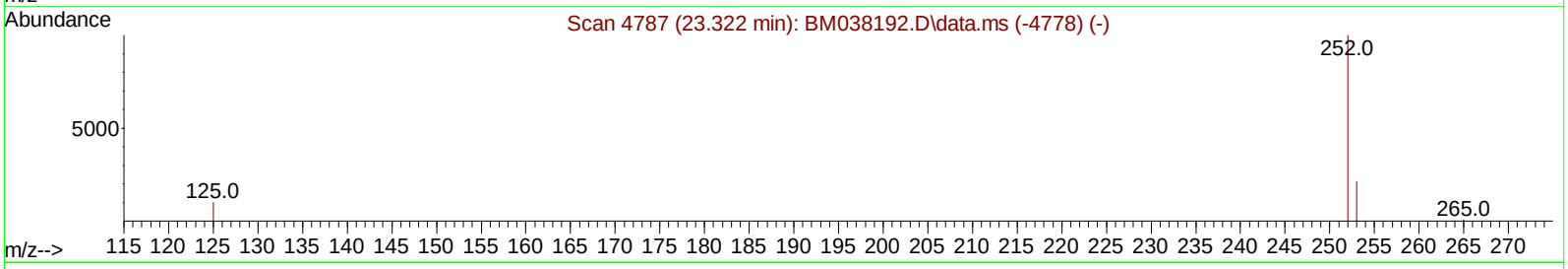

TIC: BM038220.D\data.ms

(25) Benzo(k)fluoranthene

23.322min (-23.322) 0.00 ng/ul

response 0

Ion	Exp%	Act%
252.00	100.00	0.00
253.00	28.10	0.00#
125.00	18.00	0.00#
0.00	0.00	0.00

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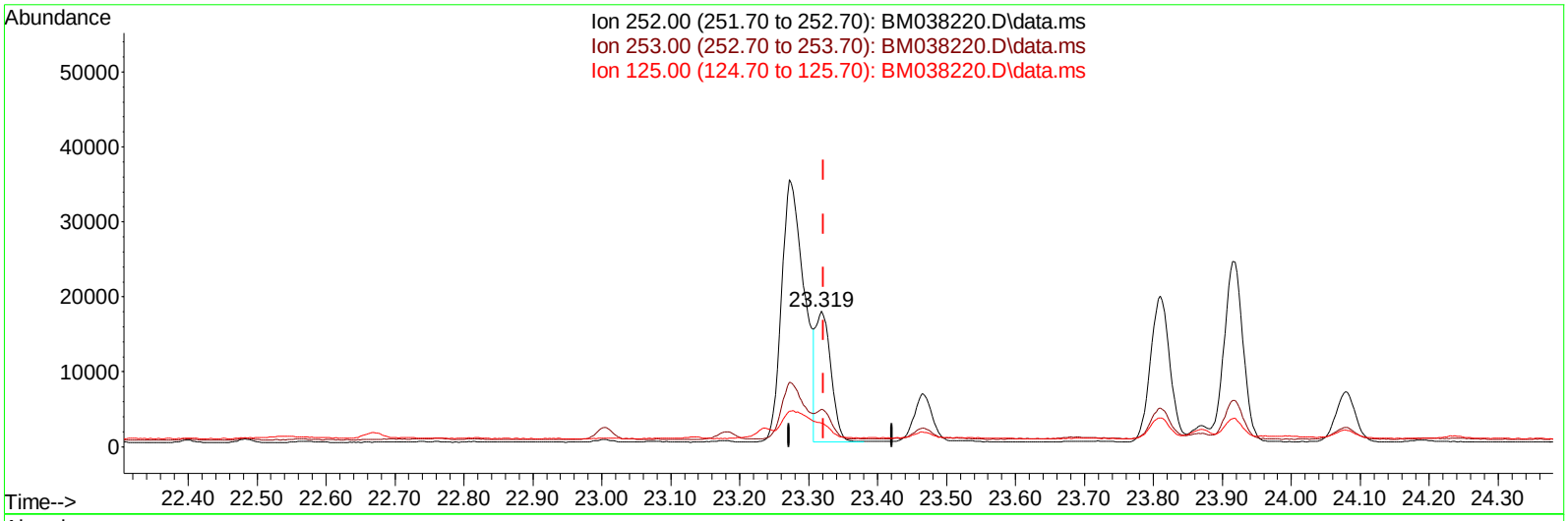

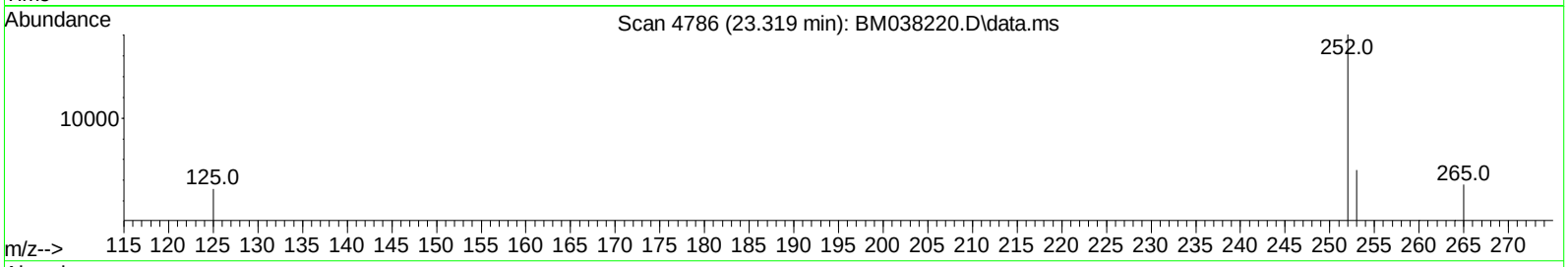

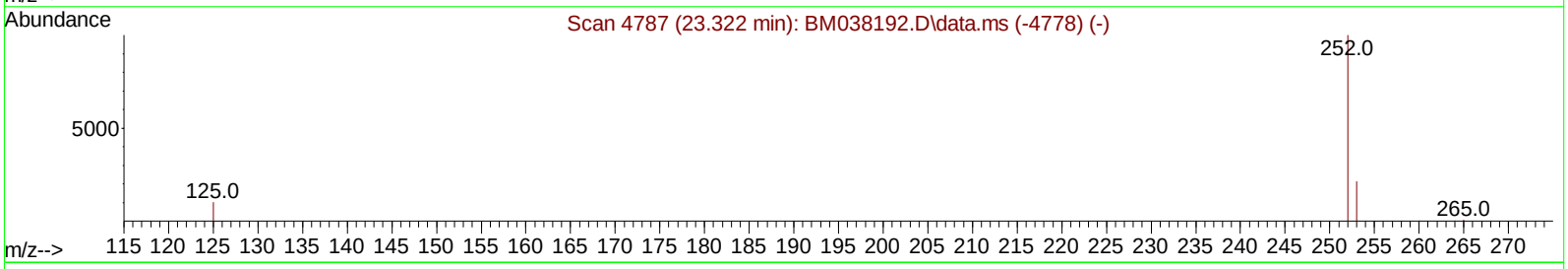

TIC: BM038220.D\data.ms

(25) Benzo(k)fluoranthene

23.319min (-0.003) 0.64 ng/ul m

response 26687

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.10	27.62
125.00	18.00	17.41
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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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	8.038	152	4491	0.400	ng/ul	0.00
4) Naphthalene-d8	10.850	136	13982	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.666	164	7912	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.405	188	15848	0.400	ng/ul	0.00
17) Chrysene-d12	21.574	240	10270	0.400	ng/ul	0.00
23) Perylene-d12	24.023	264	9877	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.397	96	17838	3.905	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.429	152	7099	0.345	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	14970	0.388	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.900	128	8371	0.204	ng/ul	98
7) 2-Methylnaphthalene	12.506	142	1894	0.074	ng/ul	99
8) 1-Methylnaphthalene	12.720	142	975	0.037	ng/ul	100
10) Acenaphthylene	14.388	152	10654	0.244	ng/ul	98
11) Acenaphthene	14.726	153	1030	0.033	ng/ul	95
12) Fluorene	15.711	166	1268	0.038	ng/ul#	93
15) Phenanthrene	17.447	178	25796	0.486	ng/ul	100
16) Anthracene	17.540	178	10171	0.200	ng/ul	97
19) Fluoranthene	19.454	202	90528	1.609	ng/ul	99
20) Pyrene	19.817	202	90672m	1.595	ng/ul	
21) Benzo(a)anthracene	21.556	228	49246	1.093	ng/ul	97
22) Chrysene	21.612	228	53051	1.210	ng/ul	99
24) Benzo(b)fluoranthene	23.272	252	80269	1.836	ng/ul	91
25) Benzo(k)fluoranthene	23.319	252	26687m	0.635	ng/ul	
26) Benzo(a)pyrene	23.915	252	46028	1.207	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.582	276	35200	0.665	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.589	278	8813	0.214	ng/ul#	82
29) Benzo(g,h,i)perylene	27.377	276	33760	0.758	ng/ul	97

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

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