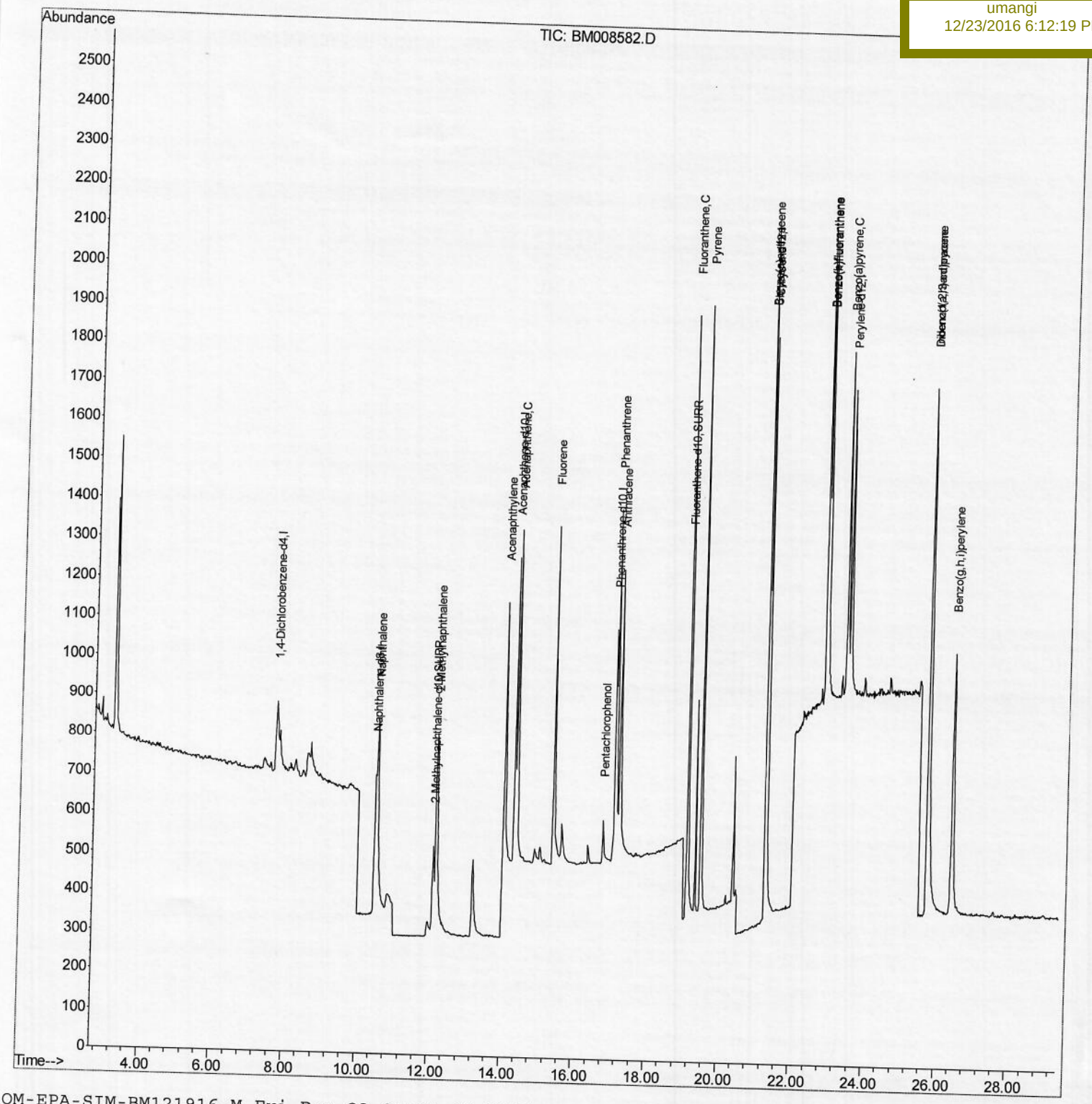
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122216\
Data File : BM008582.D
Acq On : 23 Dec 2016 07:05
Operator : UM/SJ
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 23 07:41:45 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 23 05:50:04 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD0.460

Manual Integrations APPROVED
umangi
12/23/2016 6:12:19 PM



SOM-EPA-SIM-BM121916.M Fri Dec 23 07:39:42 2016

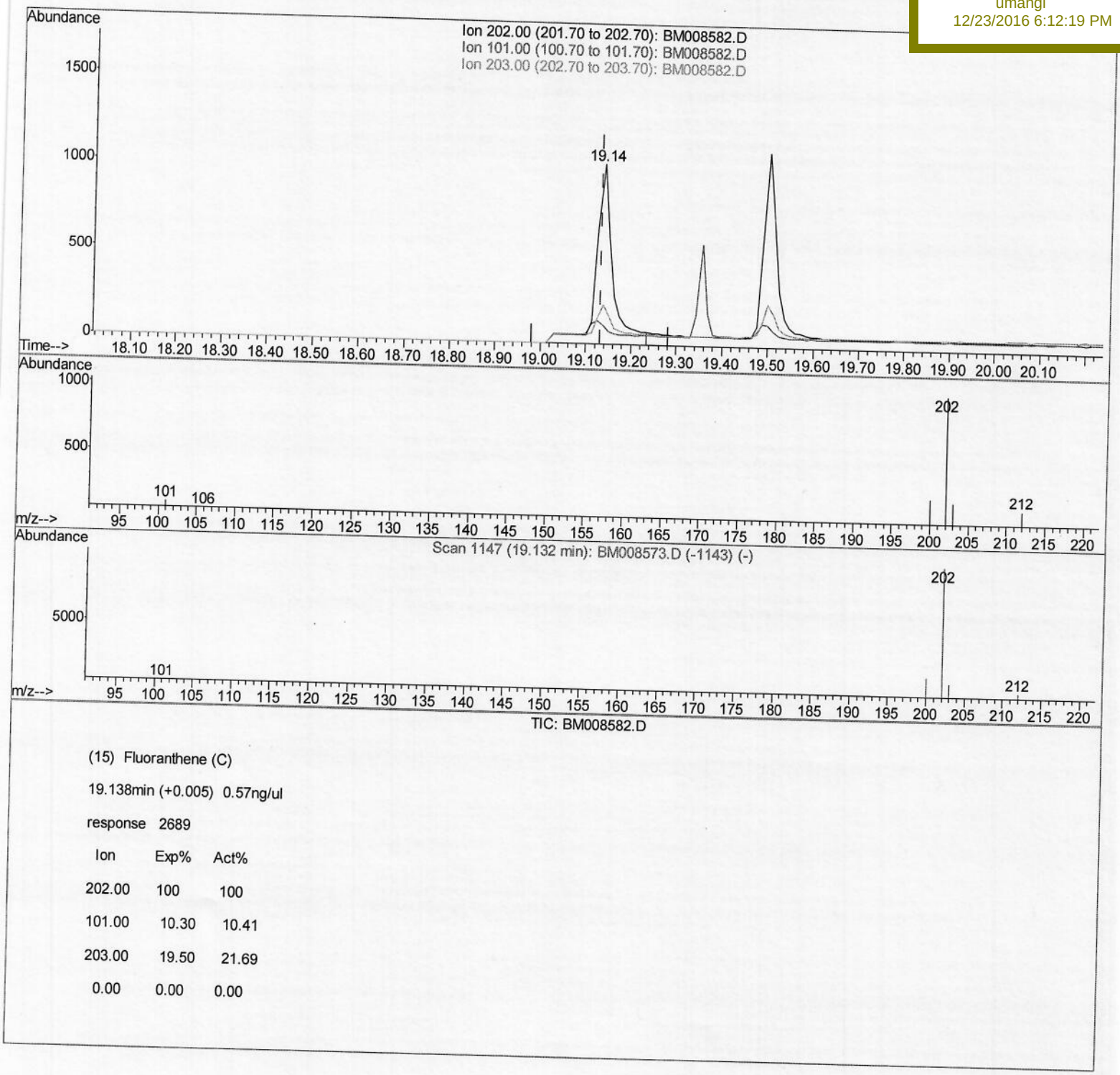
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122216\
Data File : BM008582.D
Acq On : 23 Dec 2016 07:05
Operator : UM/SJ
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 23 07:40:16 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 23 05:50:04 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD0.460

Manual Integrations APPROVED
umangi
12/23/2016 6:12:19 PM



TIC: BM008582.D

(15) Fluoranthene (C)

19.138min (+0.005) 0.57ng/ul

response 2689

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	10.41
203.00	19.50	21.69
0.00	0.00	0.00

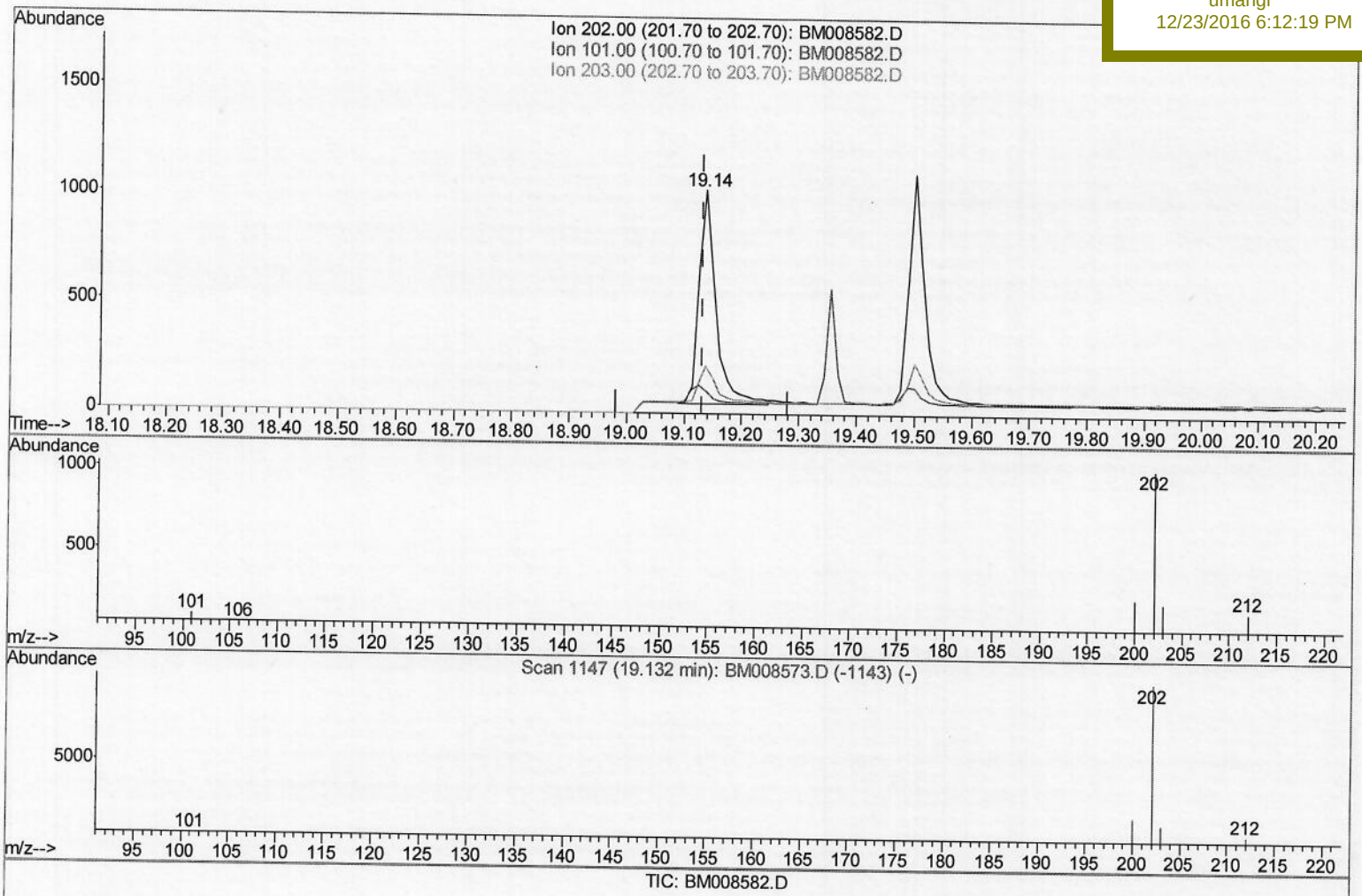
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122216\
Data File : BM008582.D
Acq On : 23 Dec 2016 07:05
Operator : UM/SJ
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 23 07:40:16 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 23 05:50:04 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD0.460

Manual Integrations APPROVED
umangi
12/23/2016 6:12:19 PM



TIC: BM008582.D

(15) Fluoranthene (C)

19.138min (+0.005) 0.42ng/ul m S.J 12/23/16

response 2011

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	10.41
203.00	19.50	21.69
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122216\
Data File : BM008582.D
Acq On : 23 Dec 2016 07:05
Operator : UM/SJ
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 23 07:41:45 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 23 05:50:04 2016
Response via : Initial Calibration

Instrument : BNA_M
LabSampleId : SSTD0.460

Manual Integrations APPROVED
umangi
12/23/2016 6:12:19 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	309	0.40	ng/ul	0.02
2) Naphthalene-d8	10.49	136	1164	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.31	164	660	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.07	188	1266	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	1306	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	1292	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.10	152	665	0.37	ng/ul	0.01
14) Fluoranthene-d10	19.11	212	1416	0.41	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.54	128	1272	0.39	ng/ul#	77
5) 2-Methylnaphthalene	12.17	142	816	0.37	ng/ul	95
7) Acenaphthylene	14.04	152	1200	0.40	ng/ul#	88
8) Acenaphthene	14.38	153	907	0.40	ng/ul	96
9) Fluorene	15.39	166	998	0.39	ng/ul#	87
11) Pentachlorophenol	16.78	266	160	0.41	ng/ul	93
12) Phenanthrene	17.12	178	1535	0.40	ng/ul#	92
13) Anthracene	17.23	178	1482	0.39	ng/ul#	91
15) Fluoranthene	19.14	202	2011m	0.42	ng/ul	
17) Pyrene	19.50	202	2088	0.41	ng/ul	96
18) Benzo(a)anthracene	21.26	228	1666	0.39	ng/ul	94
19) Chrysene	21.31	228	1932	0.41	ng/ul	94
21) Benzo(b)fluoranthene	22.83	252	1869	0.37	ng/ul	94
22) Benzo(k)fluoranthene	22.87	252	2010	0.40	ng/ul	93
23) Benzo(a)pyrene	23.40	252	1903	0.40	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	25.75	276	2260	0.40	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.75	278	1794	0.40	ng/ul#	90
26) Benzo(g,h,i)perylene	26.44	276	1943	0.40	ng/ul	94

S.J 12/23/16

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