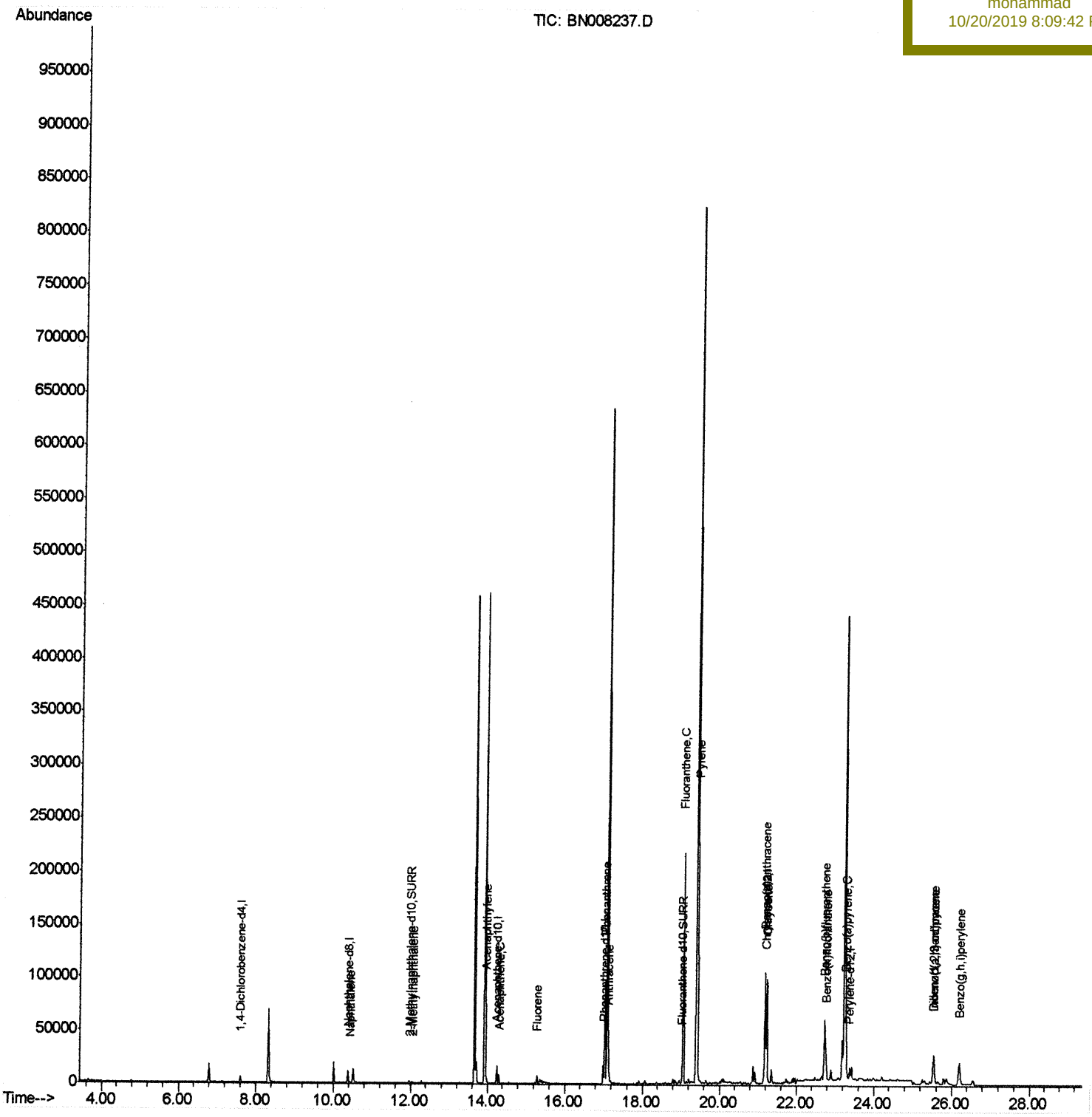
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
Data File : BN008237.D
Acq On : 18 Oct 2019 00:46
Operator : JU
Sample : K5177-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 18 04:03:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 17 01:48:53 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPC6

Manual Integrations APPROVED
mohammad
10/20/2019 8:09:42 PM



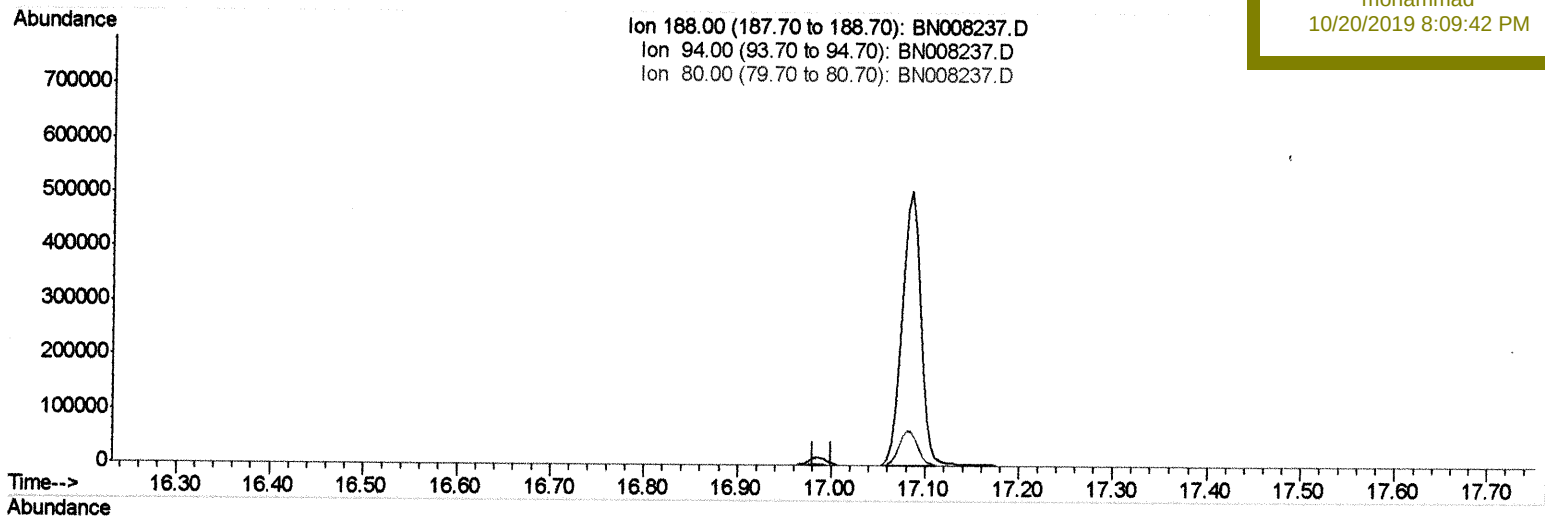
Quantitation Report (Qedit)

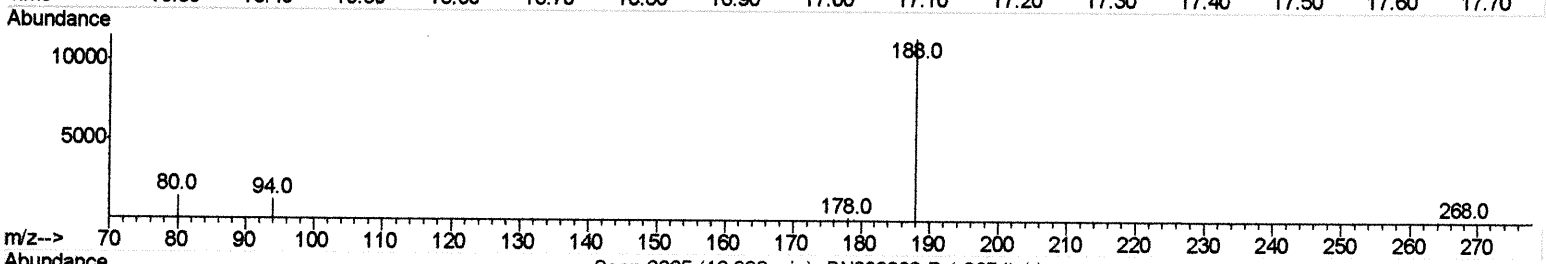
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
Data File : BN008237.D
Acq On : 18 Oct 2019 00:46
Operator : JU
Sample : K5177-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

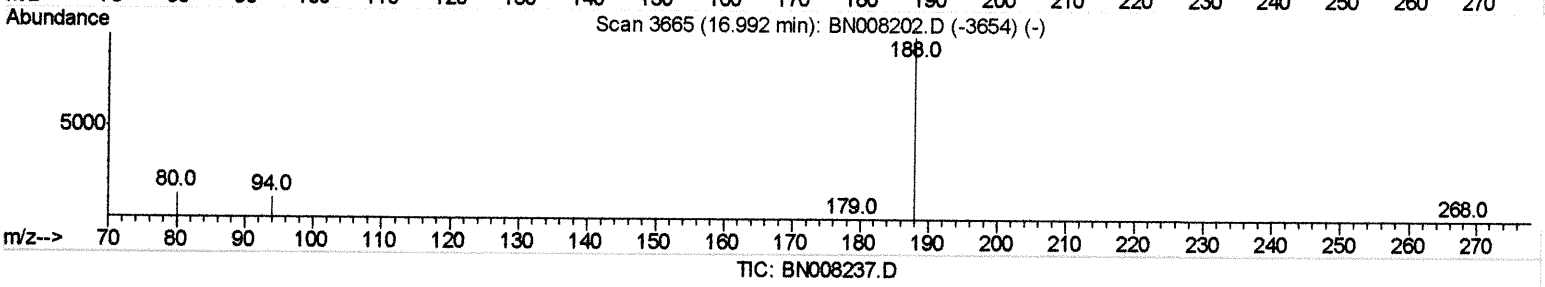
Quant Time: Oct 18 01:59:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 17 01:48:53 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPC6

Manual Integrations APPROVED
mohammad
10/20/2019 8:09:42 PM







TIC: BN008237.D

(10) Phenanthrene-d10 (I)

16.992min (-16.992) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	10.90	0.00#
80.00	12.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 17 01:48:53 2019
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BNA_N
ClientSampleId :
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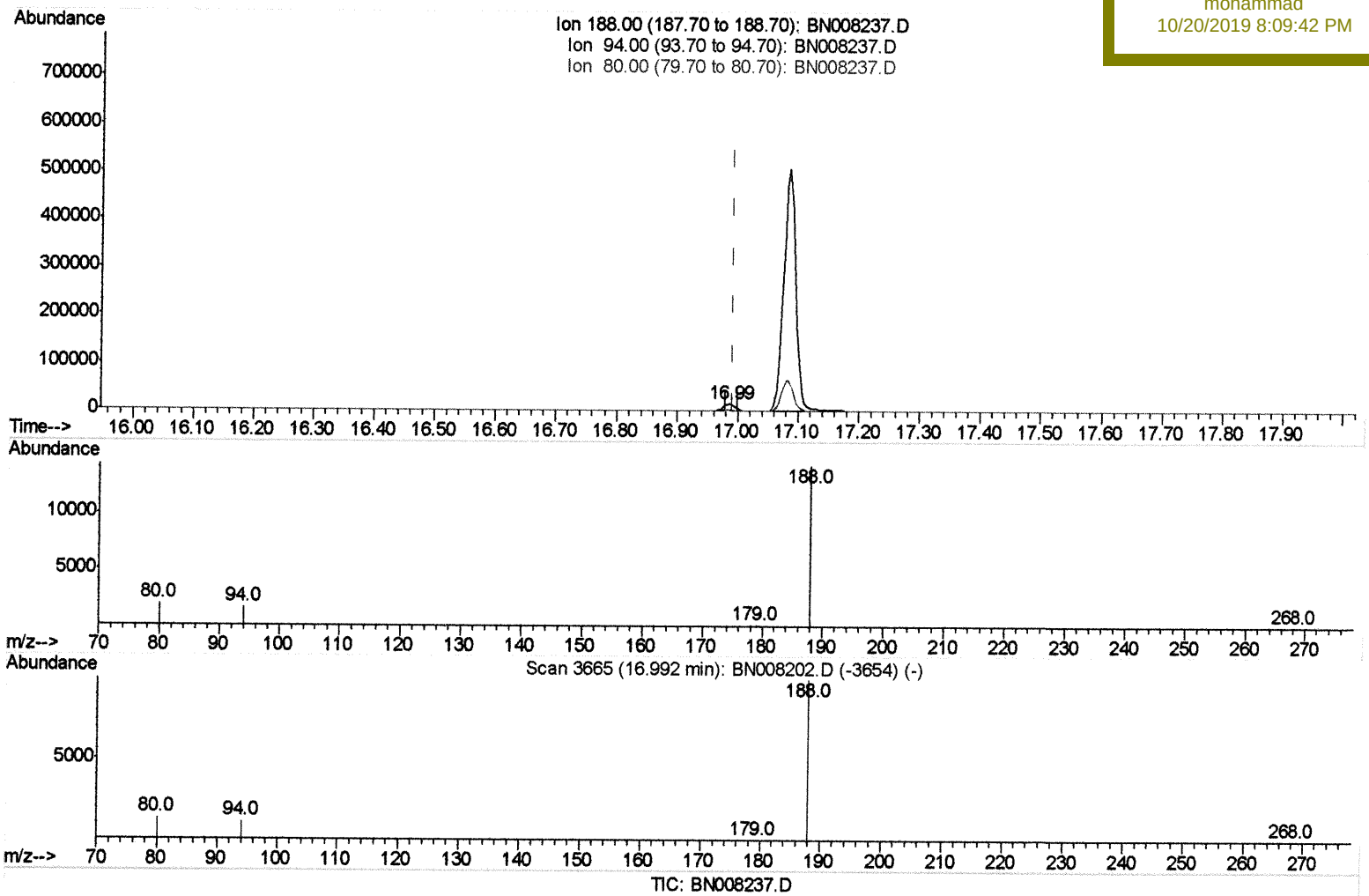
Manual Integrations APPROVED
mohammad
10/20/2019 8:09:42 PM



TIC: BN008237.D

(10) Phenanthrene-d10 (I)

16.987min (-0.004) 0.40ng/ul m

response 19615

JU 10/21/19

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	11.40
80.00	12.60	13.41
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
Data File : BN008237.D
Acq On : 18 Oct 2019 00:46
Operator : JU
Sample : K5177-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 18 04:02:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 17 01:48:53 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPC6

Manual Integrations APPROVED
mohammad
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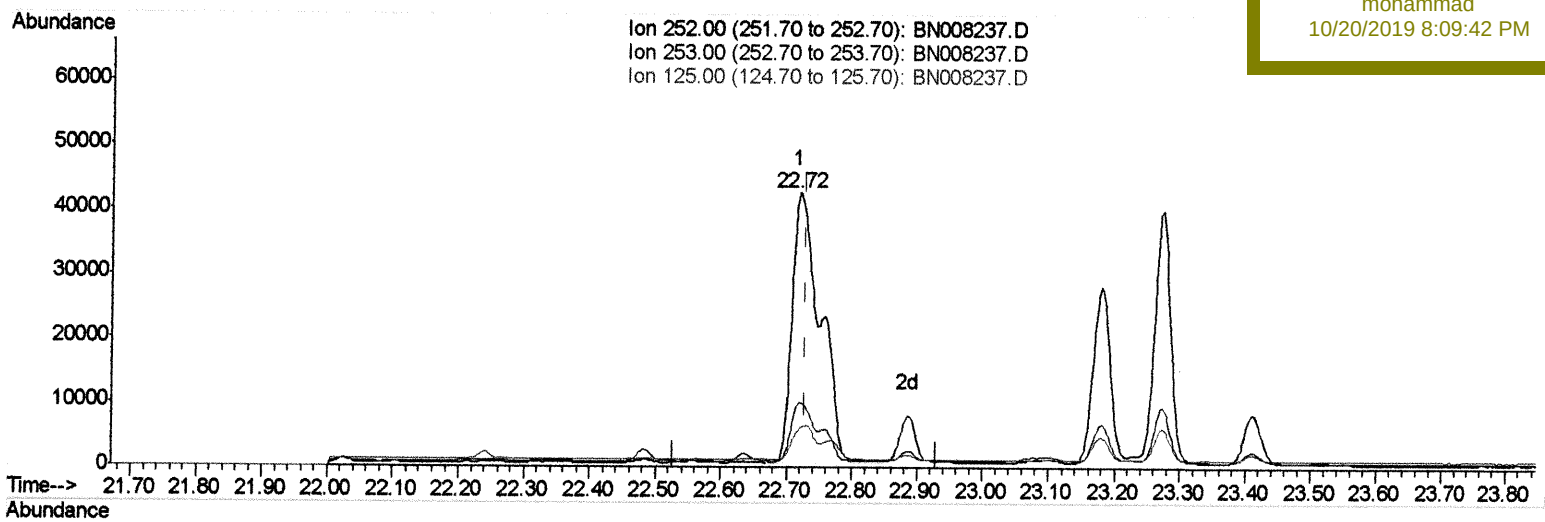
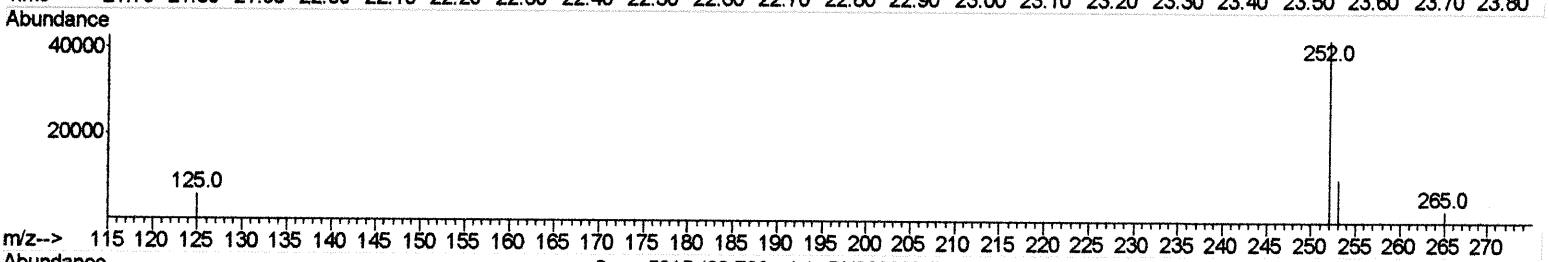
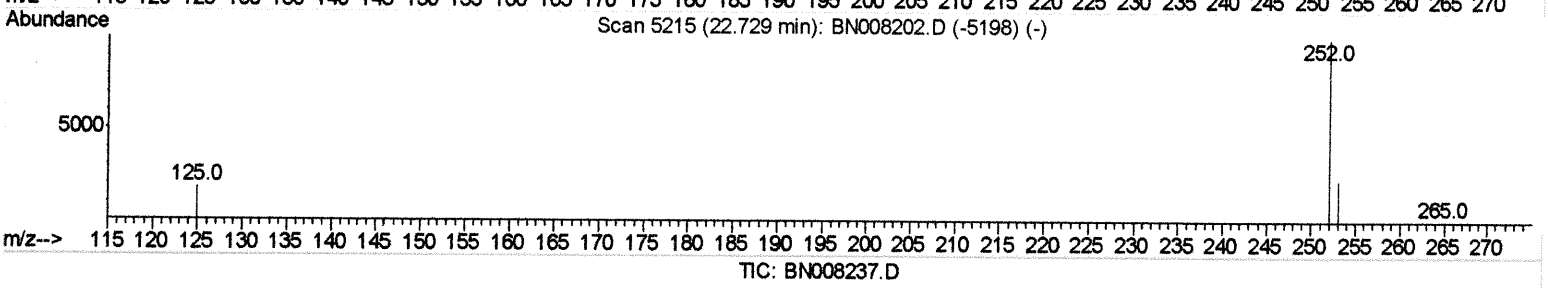






TIC: BN008237.D

(21) Benzo(b)fluoranthene

22.717min (-0.012) 3.20ng/ul

response 125514

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	23.59
125.00	16.20	13.66
0.00	0.00	0.00

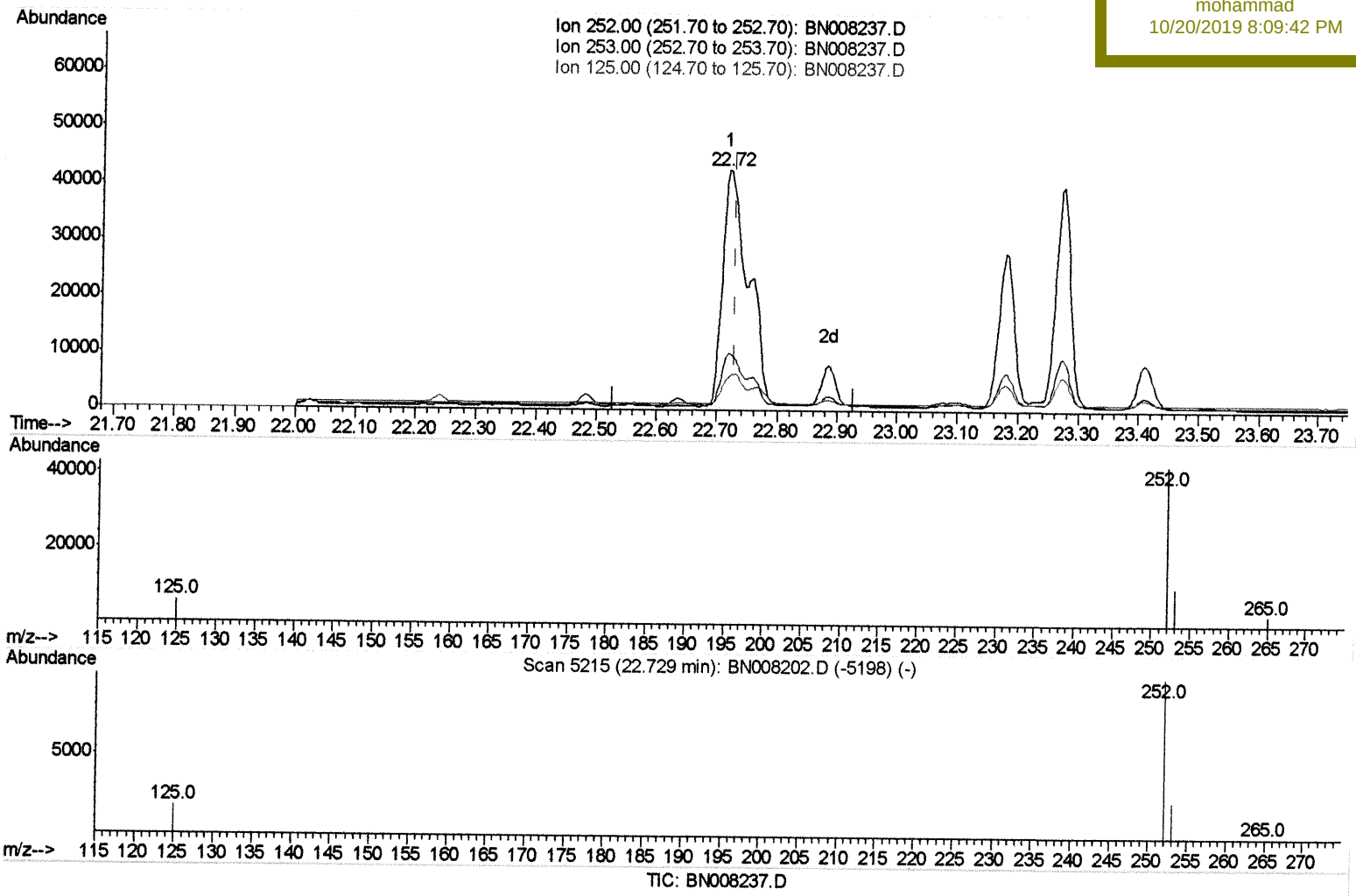
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
Data File : BN008237.D
Acq On : 18 Oct 2019 00:46
Operator : JU
Sample : K5177-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 18 04:02:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 17 01:48:53 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPC6

Manual Integrations APPROVED
mohammad
10/20/2019 8:09:42 PM



TIC: BN008237.D

(21) Benzo(b)fluoranthene

22.717min (-0.012) 2.43ng/ul m

response 95488

JU 10/21/19

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	23.59
125.00	16.20	13.66
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
Data File : BN008237.D
Acq On : 18 Oct 2019 00:46
Operator : JU
Sample : K5177-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 18 04:02:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 17 01:48:53 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPC6

Manual Integrations APPROVED
mohammad
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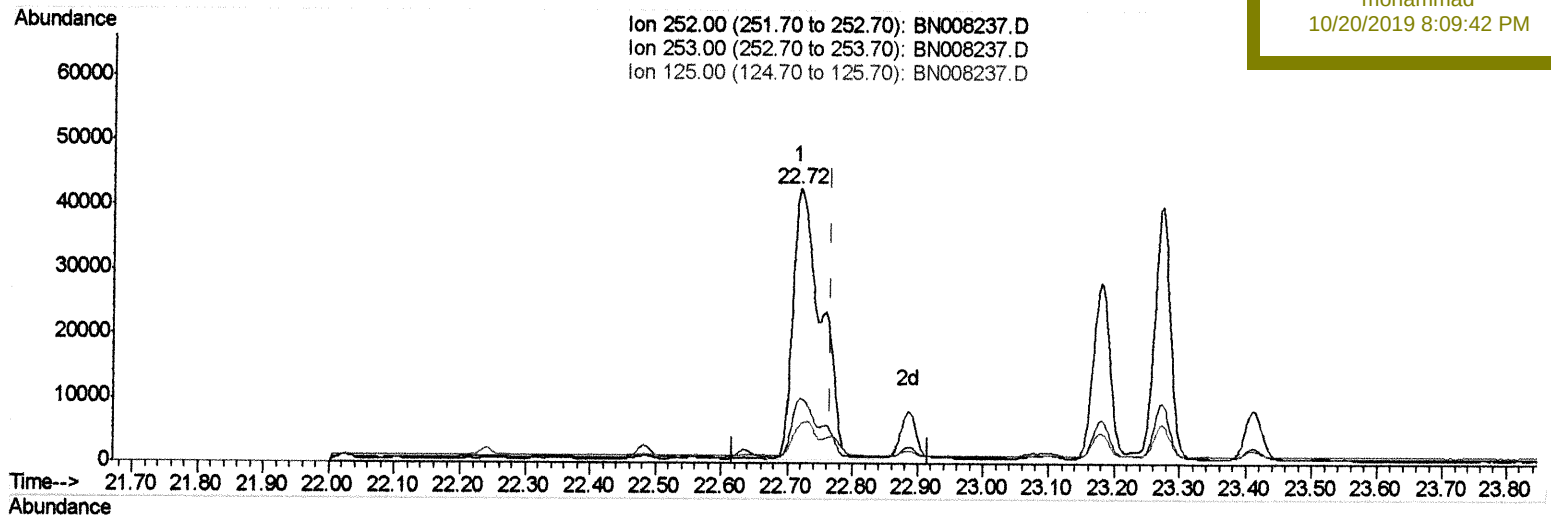

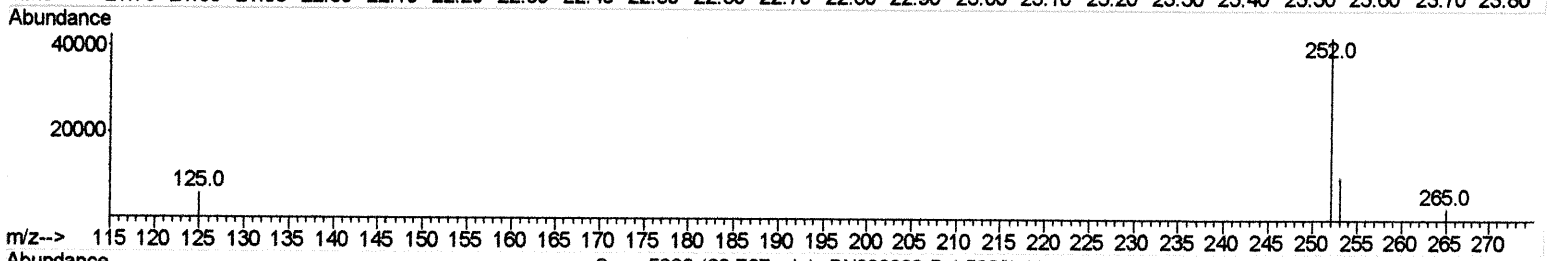

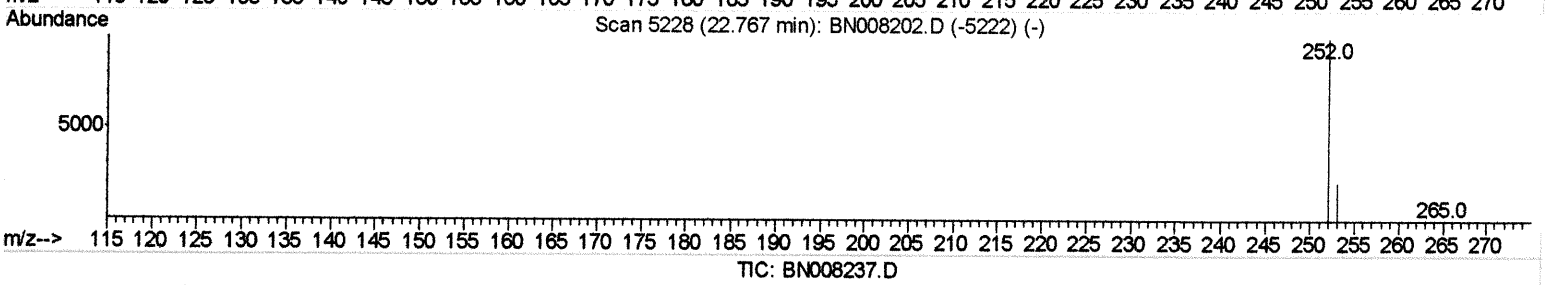

TIC: BN008237.D

(22) Benzo(k)fluoranthene

22.717min (-0.050) 2.82ng/ul

response 125514

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	23.59
125.00	15.40	13.66
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
Data File : BN008237.D
Acq On : 18 Oct 2019 00:46
Operator : JU
Sample : K5177-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 18 04:02:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 17 01:48:53 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPC6

Manual Integrations APPROVED
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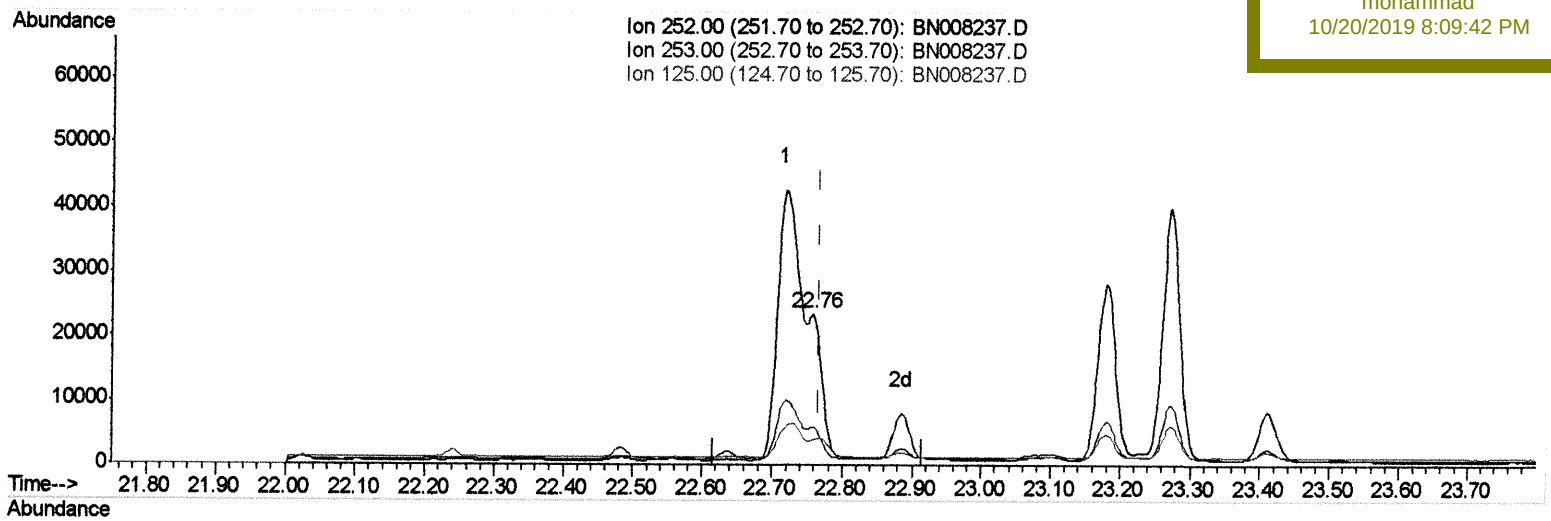

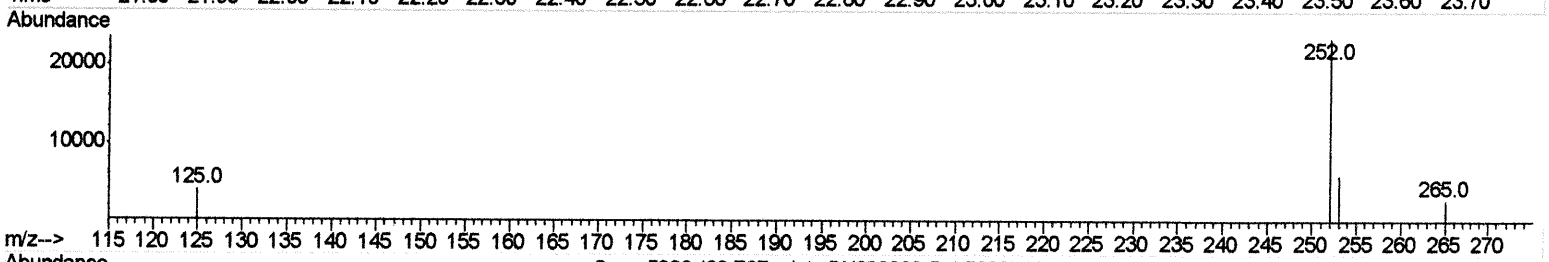

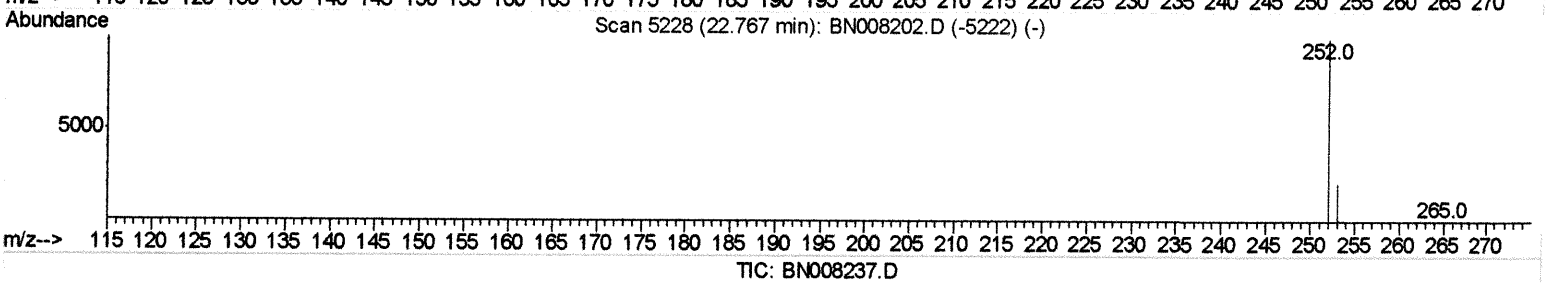

TIC: BN008237.D

(22) Benzo(k)fluoranthene

22.758min (-0.009) 0.63ng/ul m

JU 10/4/19

response 27925

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	25.37
125.00	15.40	16.91
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
Data File : BN008237.D
Acq On : 18 Oct 2019 00:46
Operator : JU
Sample : K5177-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPC6

Manual Integrations APPROVED
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10/20/2019 8:09:42 PM

Quant Time: Oct 18 04:03:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 17 01:48:53 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	3113	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	15057	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	9132	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.99	188	19615m	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	14531	0.40	ng/ul	0.00
20) Perylene-d12	23.37	264	12067	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	3669	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	10415	0.15	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.42	128	2308	0.054	ng/ul#	91
5) 2-Methylnaphthalene	12.04	142	1786	0.061	ng/ul	100
7) Acenaphthylene	13.95	152	4828	0.111	ng/ul#	95
8) Acenaphthene	14.30	153	4972	0.147	ng/ul	99
9) Fluorene	15.29	166	4876	0.127	ng/ul#	97
12) Phenanthrene	17.03	178	102266	1.781	ng/ul	99
13) Anthracene	17.12	178	18355	0.363	ng/ul	99
15) Fluoranthene	19.05	202	180202	2.376	ng/ul	99
17) Pyrene	19.41	202	193150	3.338	ng/ul	98
18) Benzo(a)anthracene	21.17	228	88964	1.684	ng/ul	97
19) Chrysene	21.22	228	99570	1.536	ng/ul	99
21) Benzo(b)fluoranthene	22.72	252	95488m	2.431	ng/ul	
22) Benzo(k)fluoranthene	22.76	252	27925m	0.628	ng/ul	
23) Benzo(a)pyrene	23.27	252	66966	1.620	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.53	276	42208	0.867	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.54	278	10749	0.279	ng/ul#	90
26) Benzo(g,h,i)perylene	26.19	276	42577	0.954	ng/ul	99

JU 10/21/19

JU 10/21/19

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