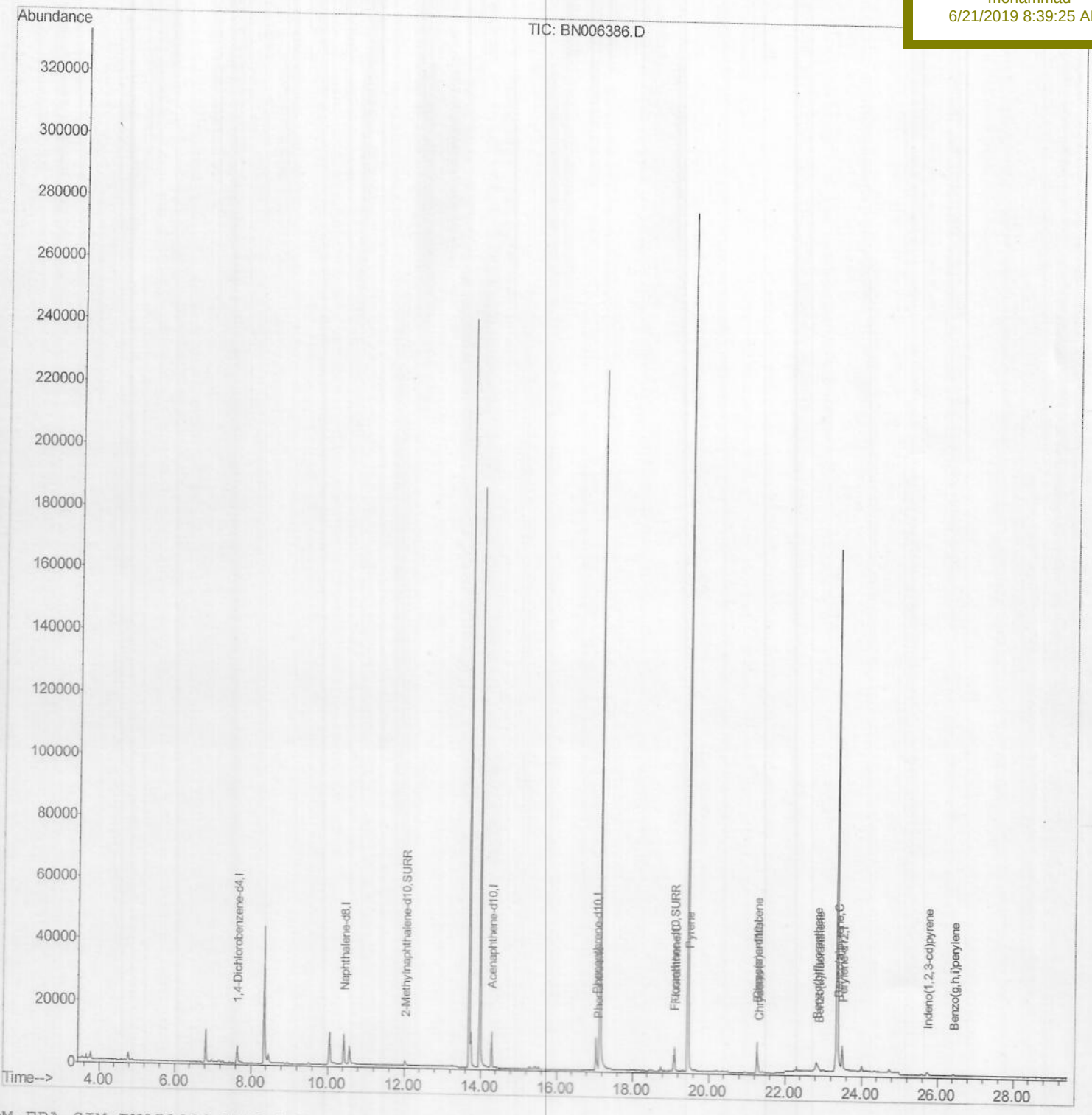
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061819\
Data File : BN006386.D
Acq On : 18 Jun 2019 20:43
Operator : JU/SJ
Sample : K3335-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 19 02:10:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A41Z7

Manual Integrations APPROVED
mohammad
6/21/2019 8:39:25 AM



SOM-EPA-SIM-BN053019.M Wed Jun 19 02:08:28 2019

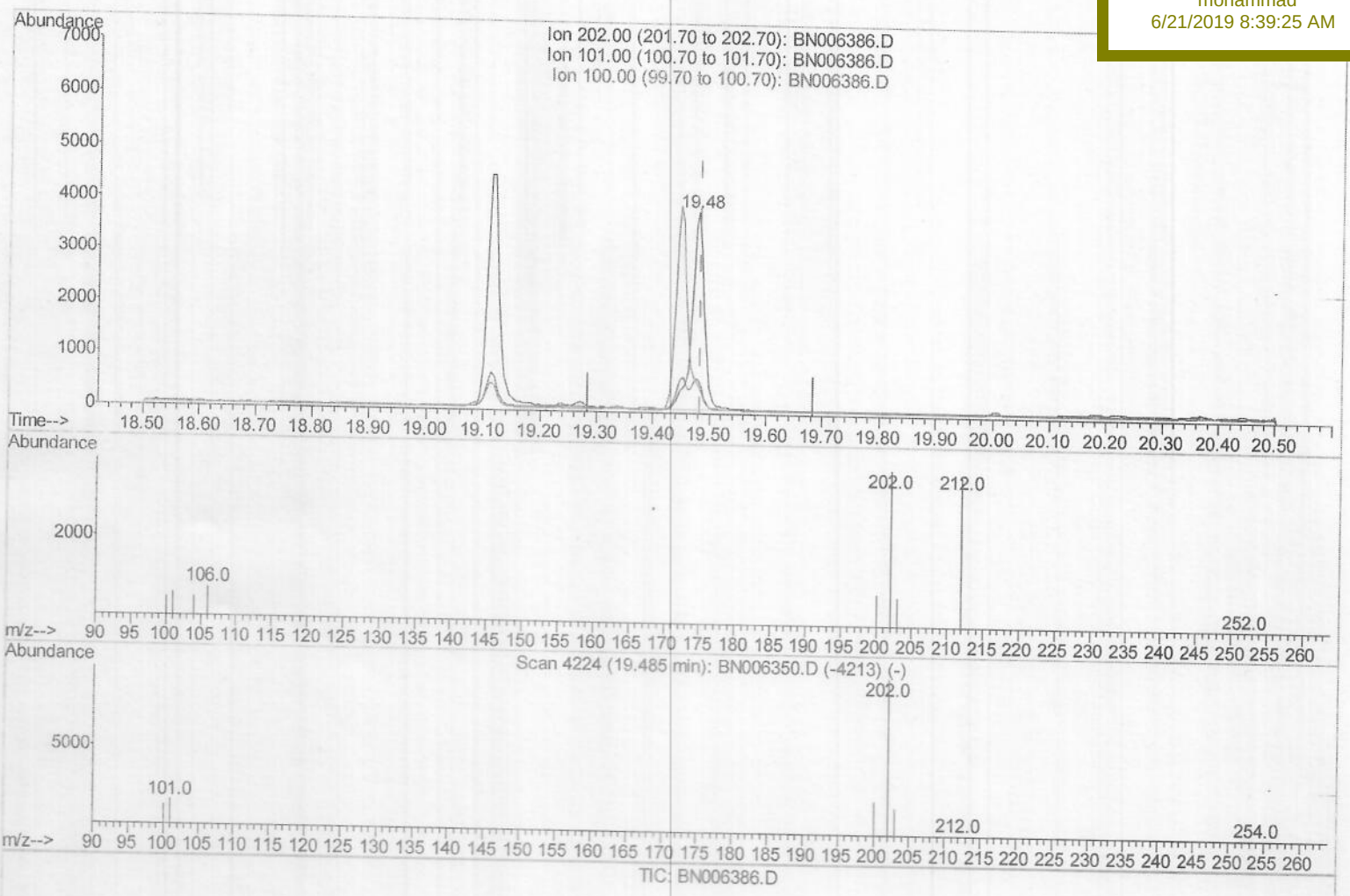
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061819\
Data File : BN006386.D
Acq On : 18 Jun 2019 20:43
Operator : JU/SJ
Sample : K3335-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 19 01:29:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A41Z7

Manual Integrations APPROVED
mohammad
6/21/2019 8:39:25 AM



TIC: BN006386.D

(17) Pyrene

19.481min (-0.005) 0.12ng/ul

response 5774

Ion	Exp%	Act%
202.00	100	100
101.00	15.20	16.55
100.00	12.20	13.84
0.00	0.00	0.00

Quantitation Report (Qedit)

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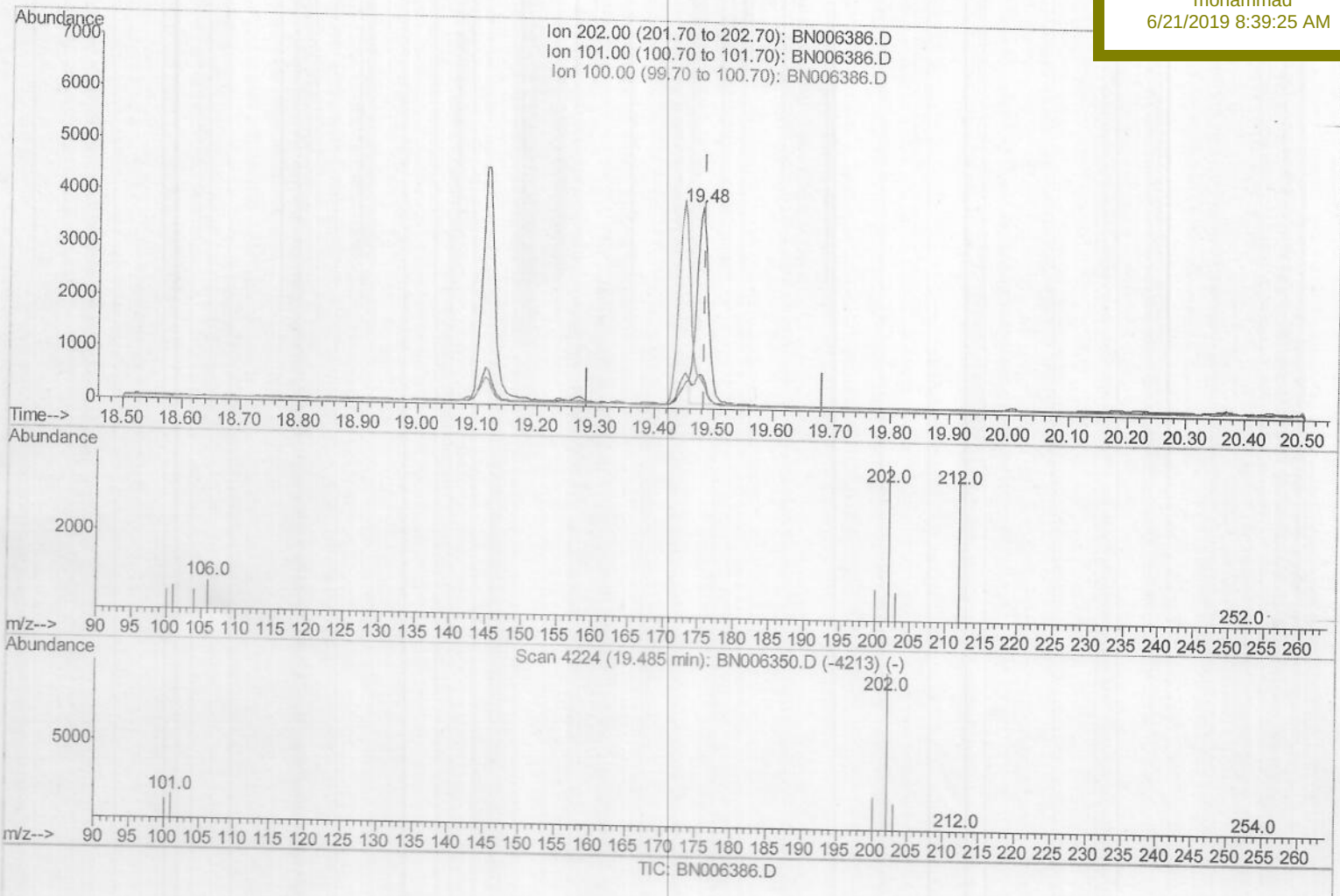
BNA_N
ClientSampleId :
A41Z7

Manual Integrations APPROVED
mohammad
6/21/2019 8:39:25 AM



TIC: BN006386.D

(17) Pyrene

19.481min (-0.005) 0.11ng/ul m > JU 06/25/19

response 5201

Ion	Exp%	Act%
202.00	100	100
101.00	15.20	16.55
100.00	12.20	13.84
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061819\
Data File : BN006386.D
Acq On : 18 Jun 2019 20:43
Operator : JU/SJ
Sample : K3335-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 19 01:29:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
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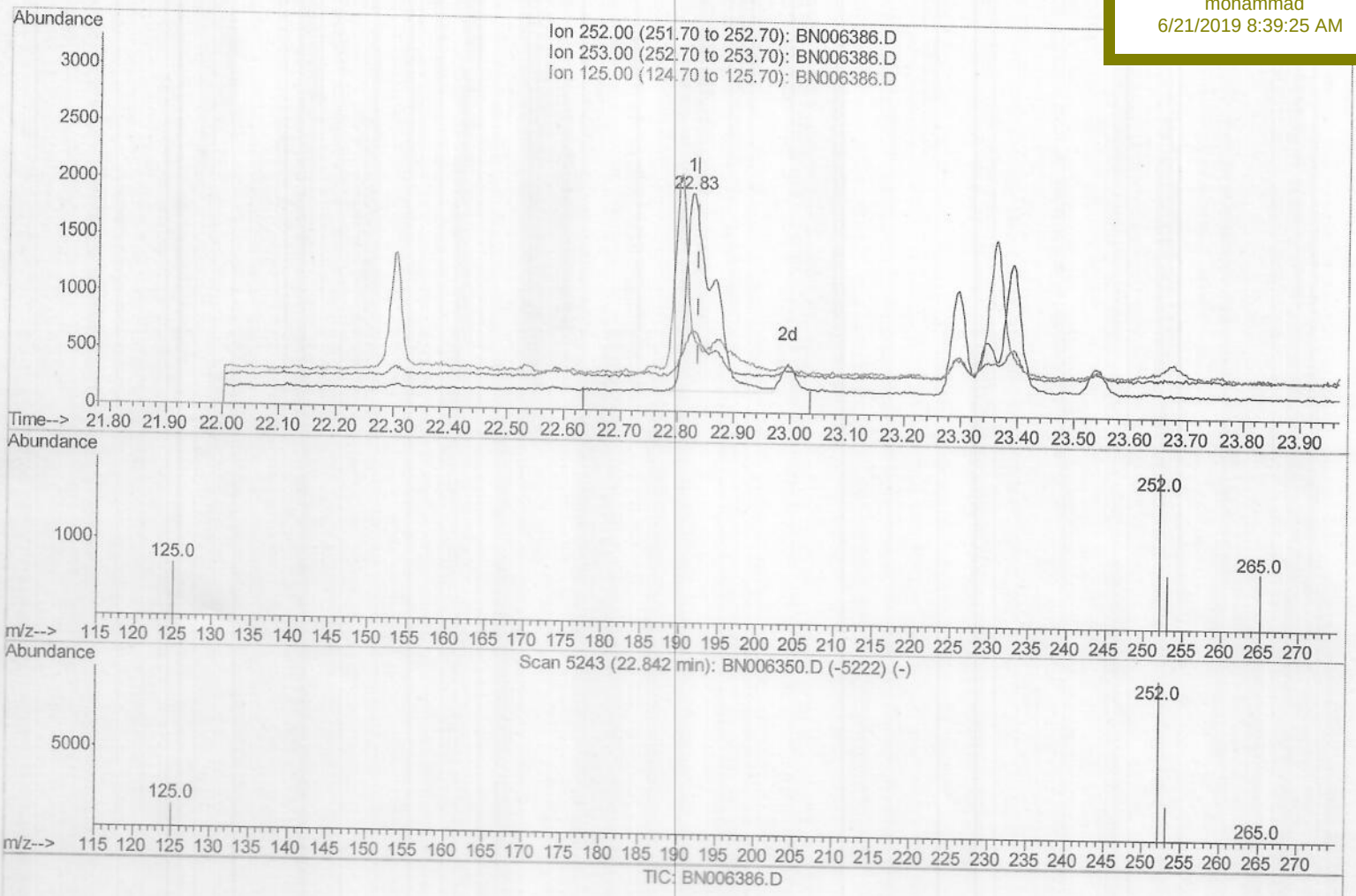
Instrument :
BNA_N
ClientSampleId :
A41Z7

Manual Integrations APPROVED
mohammad
6/21/2019 8:39:25 AM



TIC: BN006386.D

(21) Benzo(b)fluoranthene

22.826min (-0.012) 0.11ng/ul

response 5782

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	37.89
125.00	20.50	37.37
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061819\
Data File : BN006386.D
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Operator : JU/SJ
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 19 01:29:06 2019
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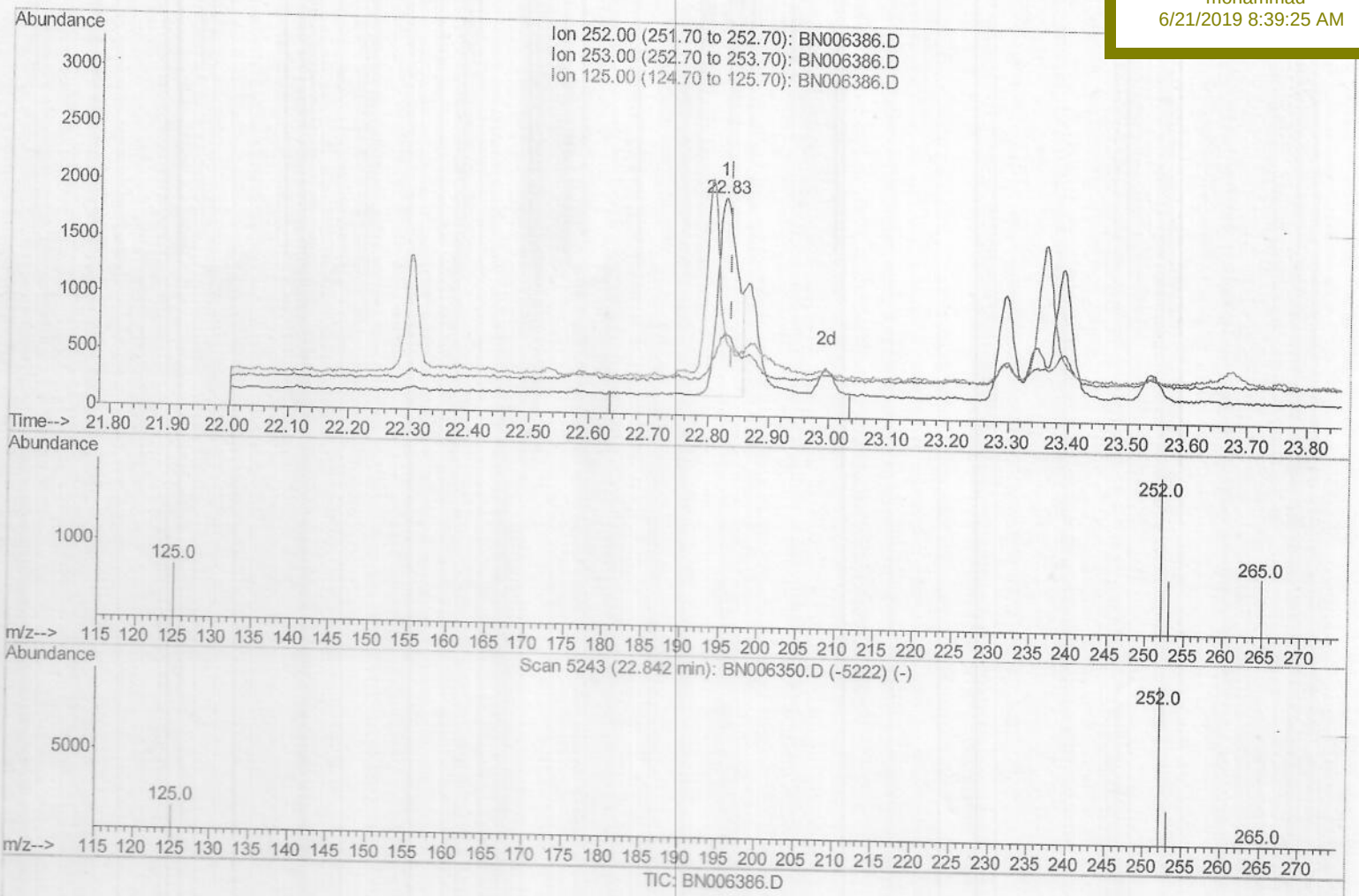
Instrument :
BNA_N
ClientSampleId :
A41Z7

Manual Integrations APPROVED
mohammad
6/21/2019 8:39:25 AM



TIC: BN006386.D

(21) Benzo(b)fluoranthene

22.826min (-0.012) 0.08ng/ul m JU 06/25/19

response 4069

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	37.89
125.00	20.50	37.37
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 18 Jun 2019 20:43
Operator : JU/SJ
Sample : K3335-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 19 01:29:06 2019
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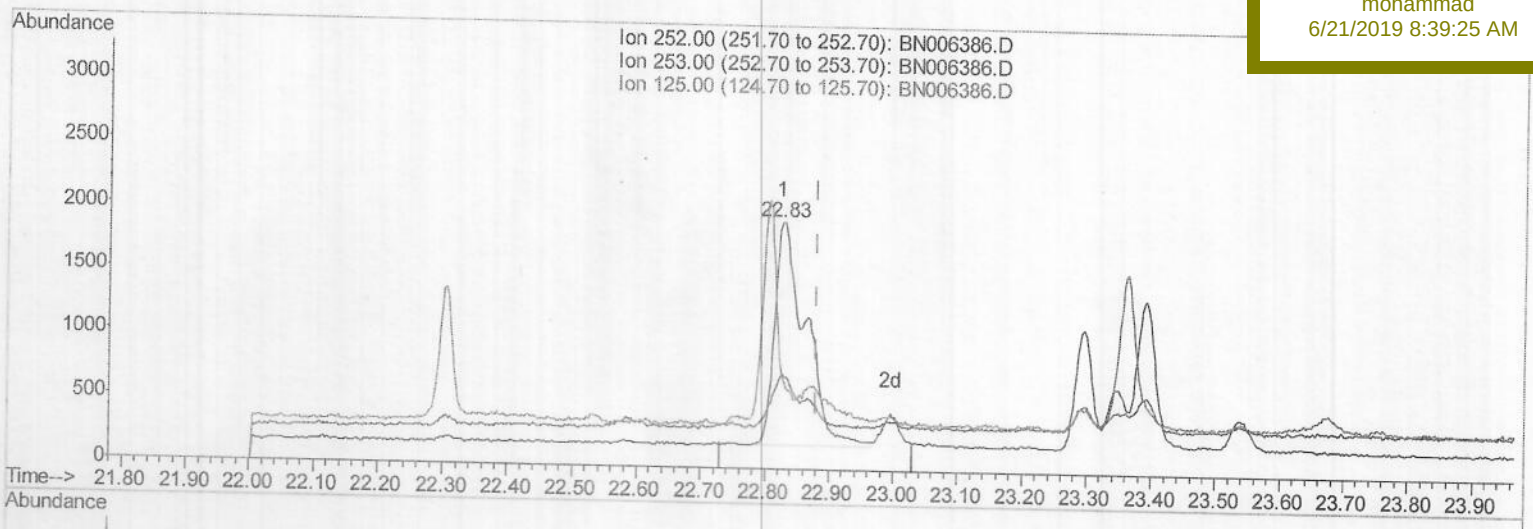
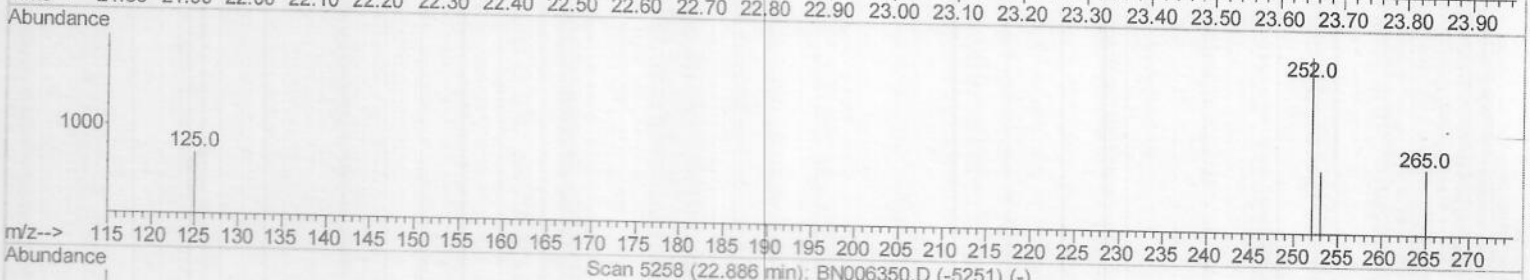
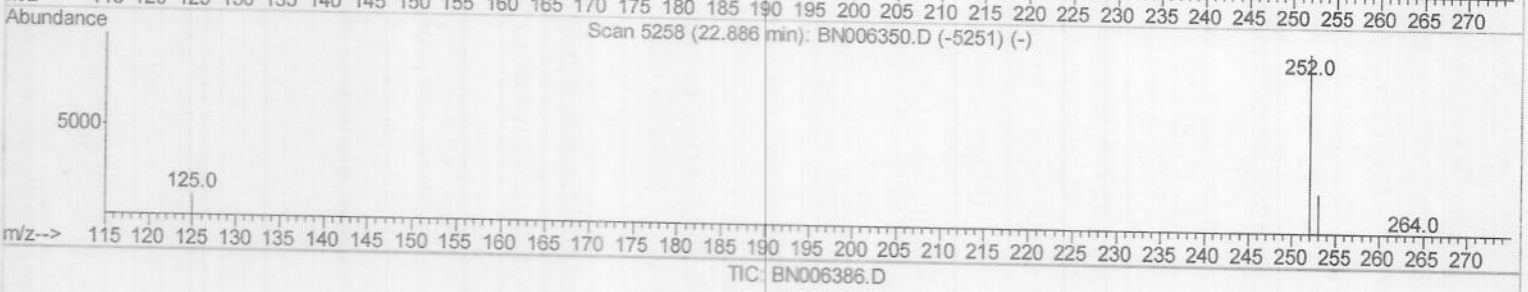
Instrument :
BNA_N
ClientSampleId :
A41Z7

Manual Integrations APPROVED
mohammad
6/21/2019 8:39:25 AM







TIC: BN006386.D

(22) Benzo(k)fluoranthene

22.826min (-0.056) 0.11ng/ul

response 5775

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	37.89#
125.00	17.90	37.37#
0.00	0.00	0.00

Quantitation Report (Qedit)

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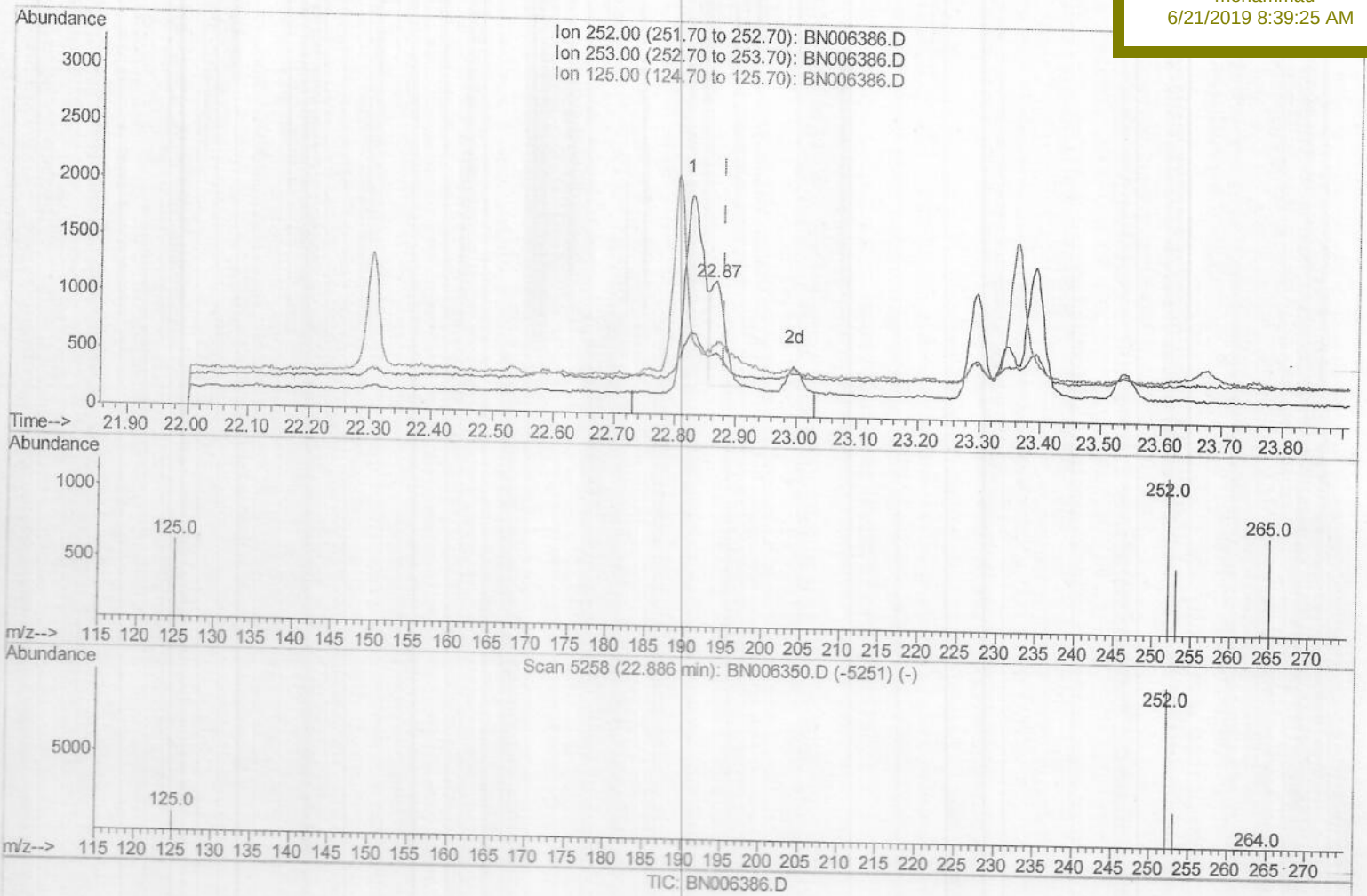
Data File : BN006386.D
Acq On : 18 Jun 2019 20:43
Operator : JU/SJ
Sample : K3335-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 19 01:29:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A41Z7

Manual Integrations APPROVED
mohammad
6/21/2019 8:39:25 AM



TIC: BN006386.D

(22) Benzo(k)fluoranthene

22.867min (-0.015) 0.03ng/ul m JU 06/25/19

response 1473

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	46.07#
125.00	17.90	52.91#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual Integrations APPROVED
mohammad
6/21/2019 8:39:25 AM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	3573	0.40 ng/ul	0.00
2) Naphthalene-d8	10.42	136	13559	0.40 ng/ul	0.00
6) Acenaphthene-d10	14.29	164	6586	0.40 ng/ul	0.00
10) Phenanthrene-d10	17.04	188	12413	0.40 ng/ul	0.00
16) Chrysene-d12	21.26	240	9197	0.40 ng/ul	0.00
20) Perylene-d12	23.49	264	12710	0.40 ng/ul	-0.02
System Monitoring Compounds					
4) 2-Methylnaphthalene-d10	12.02	152	2846	0.14 ng/ul	0.00
14) Fluoranthene-d10	19.09	212	5676	0.17 ng/ul	0.00
Target Compounds					Qvalue
12) Phenanthrene	17.09	178	2329	0.058 ng/ul#	91
15) Fluoranthene	19.12	202	6587	0.150 ng/ul	95
17) Pyrene	19.48	202	5201m	0.107 ng/ul	
18) Benzo(a)anthracene	21.25	228	2515	0.062 ng/ul#	91
19) Chrysene	21.30	228	2698	0.071 ng/ul	93
21) Benzo(b)fluoranthene	22.83	252	4069m	0.077 ng/ul	
22) Benzo(k)fluoranthene	22.87	252	1473m	0.029 ng/ul	
23) Benzo(a)pyrene	23.39	252	2198	0.045 ng/ul#	70
24) Indeno(1,2,3-cd)pyrene	25.73	276	1804	0.034 ng/ul#	85
26) Benzo(g,h,i)perylene	26.42	276	1151	0.026 ng/ul#	61

JU 06/25/19

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