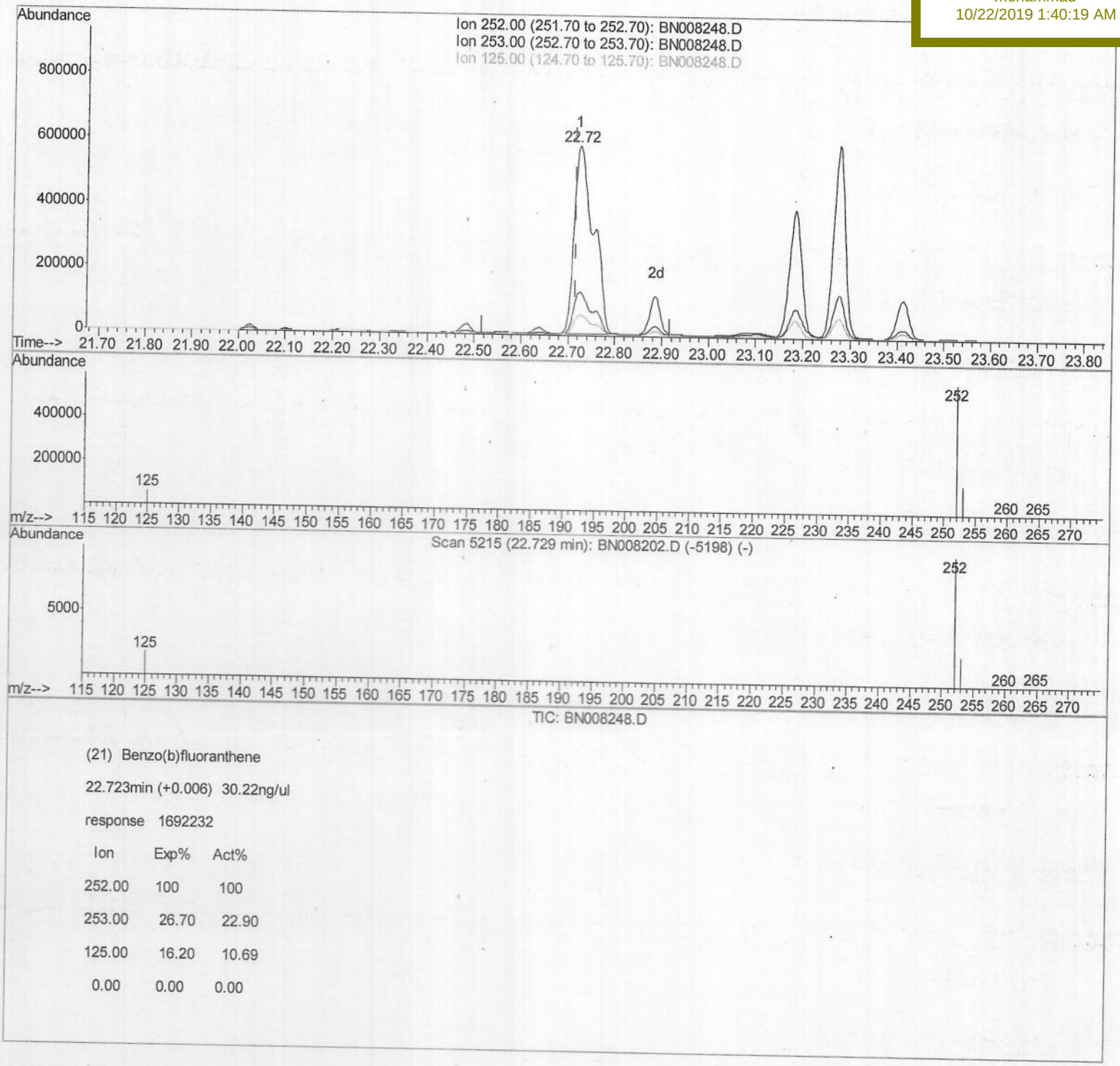
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101819\
Data File : BN008248.D
Acq On : 18 Oct 2019 15:36
Operator : JU
Sample : K5178-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 18 17:36:35 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 : Fri Oct 18 17:22:25 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPF4

Manual Integrations APPROVED
mohammad
10/22/2019 1:40:19 AM



(21) Benzo(b)fluoranthene

22.723min (+0.006) 30.22ng/ul

response 1692232

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	22.90
125.00	16.20	10.69
0.00	0.00	0.00

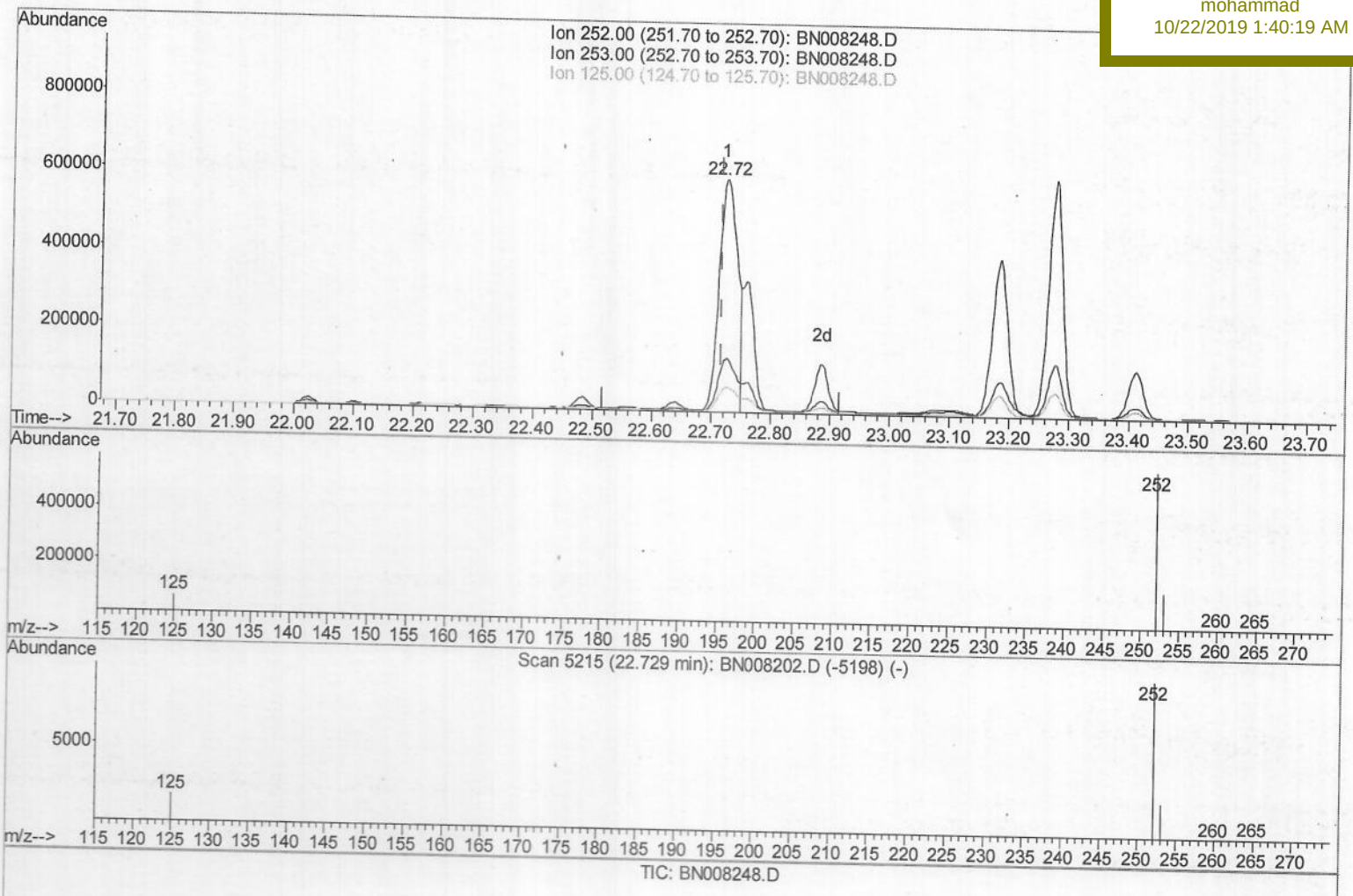
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101819\
Data File : BN008248.D
Acq On : 18 Oct 2019 15:36
Operator : JU
Sample : K5178-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 18 17:36:35 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 : Fri Oct 18 17:22:25 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPF4

Manual Integrations APPROVED
mohammad
10/22/2019 1:40:19 AM



(21) Benzo(b)fluoranthene

22.723min (+0.006) 22.77ng/ul m > JU 10/23/19

response 1275259

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	22.90
125.00	16.20	10.69
0.00	0.00	0.00

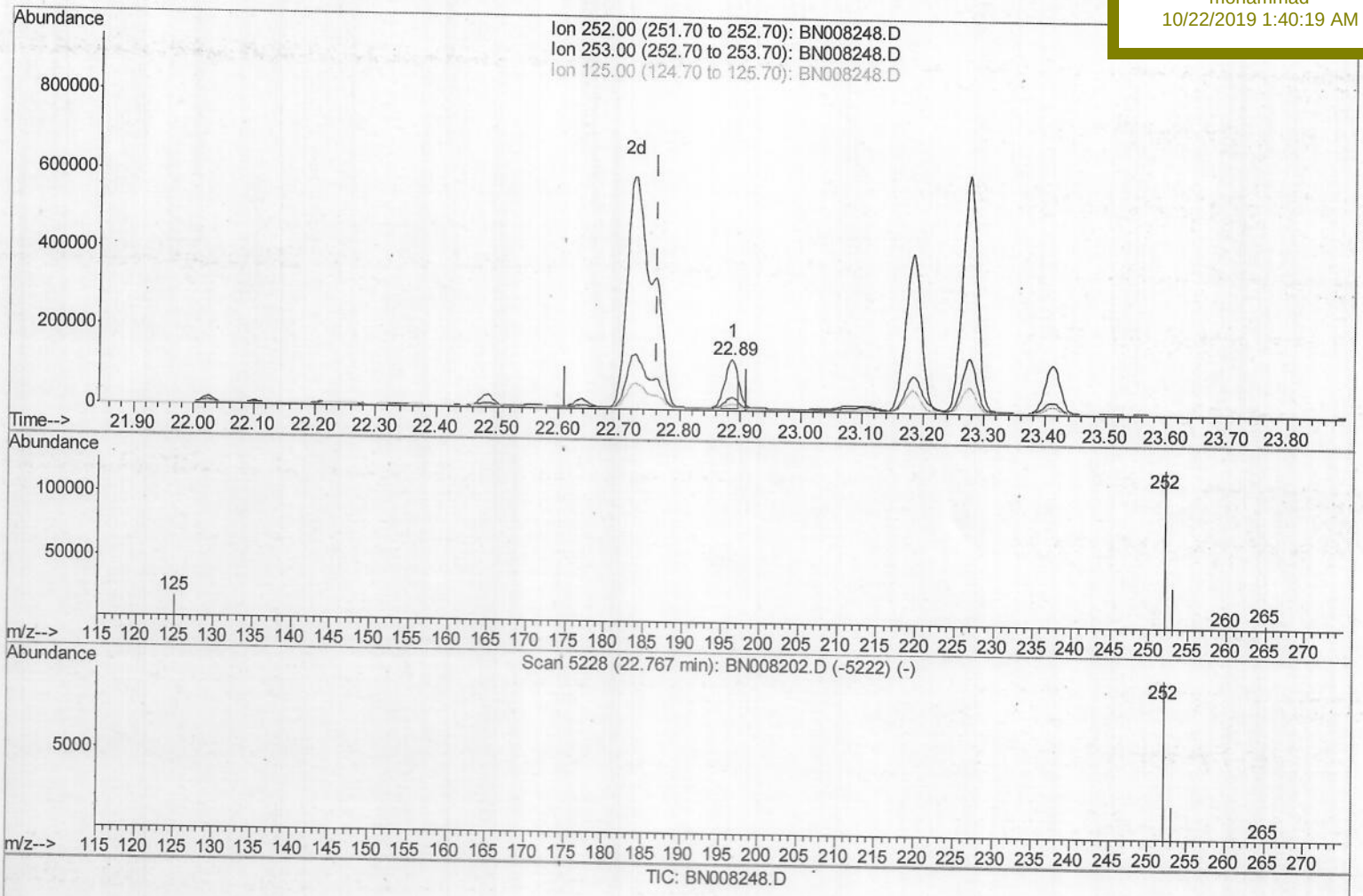
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101819\
Data File : BN008248.D
Acq On : 18 Oct 2019 15:36
Operator : JU
Sample : K5178-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 18 17:36:35 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 : Fri Oct 18 17:22:25 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPF4

Manual Integrations APPROVED
mohammad
10/22/2019 1:40:19 AM



TIC: BN008248.D

(22) Benzo(k)fluoranthene

22.887min (+0.126) 2.64ng/ul

response 167585

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	26.25
125.00	15.40	13.79
0.00	0.00	0.00

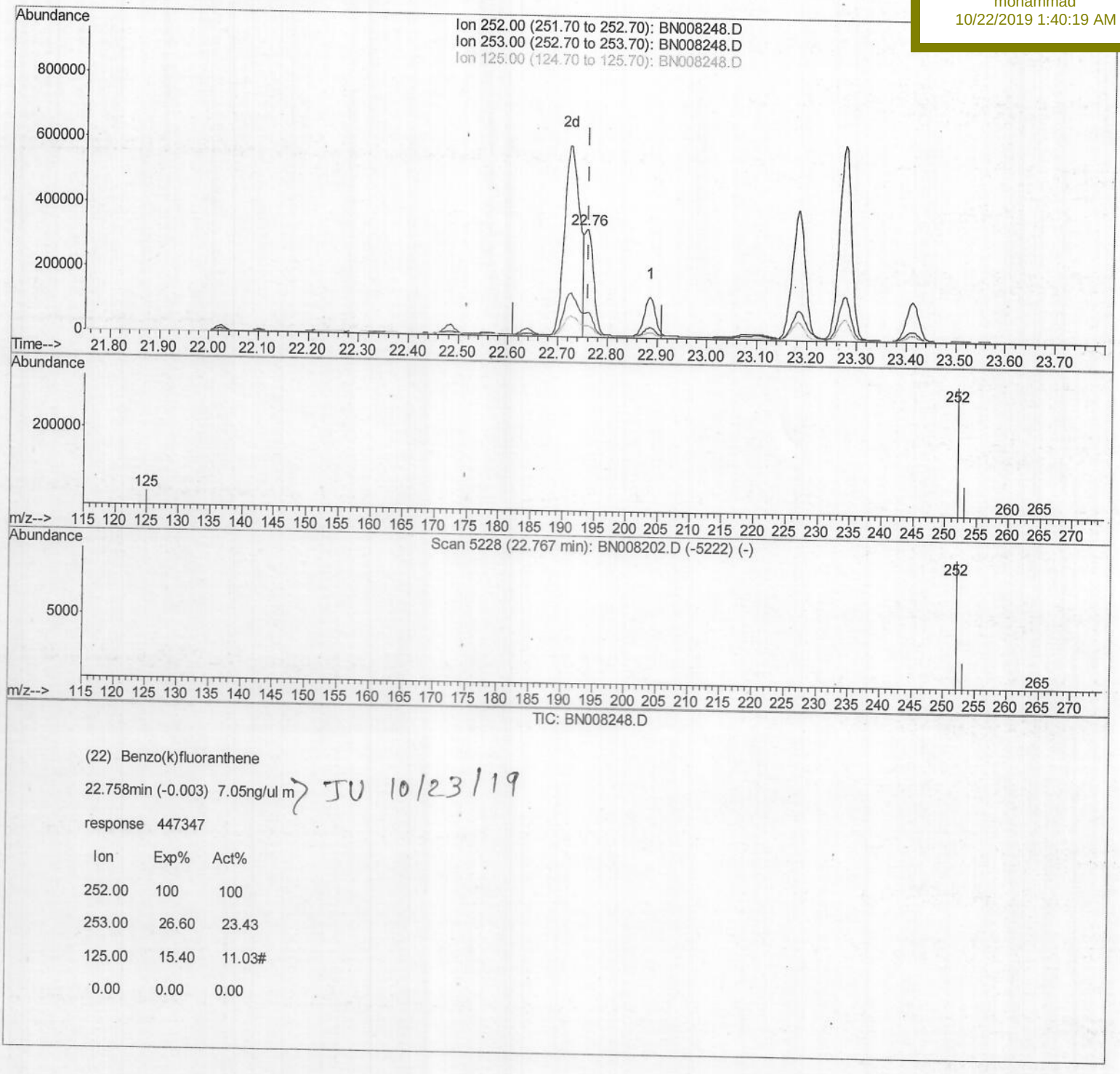
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101819\
Data File : BN008248.D
Acq On : 18 Oct 2019 15:36
Operator : JU
Sample : K5178-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 18 17:36:35 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 : Fri Oct 18 17:22:25 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPF4

Manual Integrations APPROVED
mohammad
10/22/2019 1:40:19 AM



TIC: BN008248.D

(22) Benzo(k)fluoranthene

22.758min (-0.003) 7.05ng/ul m JU 10/23/19

response 447347

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	23.43
125.00	15.40	11.03#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101819\
Data File : BN008248.D
Acq On : 18 Oct 2019 15:36
Operator : JU
Sample : K5178-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 18 17:37:51 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 : Fri Oct 18 17:22:25 2019
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : BEPF4

Manual Integrations APPROVED
mohammad
10/22/2019 1:40:19 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	2917	0.40	ng/ul	0.00
2) Naphthalene-d8	10.36	136	14259	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	9048	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	19513	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	16215	0.40	ng/ul	0.00
20) Perylene-d12	23.36	264	17203	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	4026	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	12252	0.18	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.41	128	26716	0.658	ng/ul	99
5) 2-Methylnaphthalene	12.03	142	21127	0.759	ng/ul	99
7) Acenaphthylene	13.95	152	53830	1.249	ng/ul	99
8) Acenaphthene	14.29	153	54486	1.626	ng/ul	99
9) Fluorene	15.28	166	55309	1.453	ng/ul	97
11) Pentachlorophenol	16.64	266	479	0.101	ng/ul	96
12) Phenanthrene	17.02	178	1252420	21.922	ng/ul	99
13) Anthracene	17.11	178	255551	5.083	ng/ul	99
15) Fluoranthene	19.05	202	2029781	26.901	ng/ul	97
17) Pyrene	19.41	202	2510310	38.882	ng/ul	97
18) Benzo(a)anthracene	21.17	228	1382817	23.456	ng/ul	97
19) Chrysene	21.22	228	1461368	20.199	ng/ul	99
21) Benzo(b)fluoranthene	22.72	252	1275259m	22.772	ng/ul	
22) Benzo(k)fluoranthene	22.76	252	447347m	7.052	ng/ul	
23) Benzo(a)pyrene	23.28	252	1025759	17.406	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	25.53	276	516072	7.435	ng/ul	99
25) Dibenzo(a,h)anthracene	25.53	278	162355	2.959	ng/ul	98
26) Benzo(g,h,i)perylene	26.19	276	530841	8.341	ng/ul	98

JU 10/23/19

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101819\
Data File : BN008248.D
Acq On : 18 Oct 2019 15:36
Operator : JU
Sample : K5178-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 18 17:37:51 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 : Fri Oct 18 17:22:25 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPF4

Manual Integrations APPROVED
mohammad
10/22/2019 1:40:19 AM