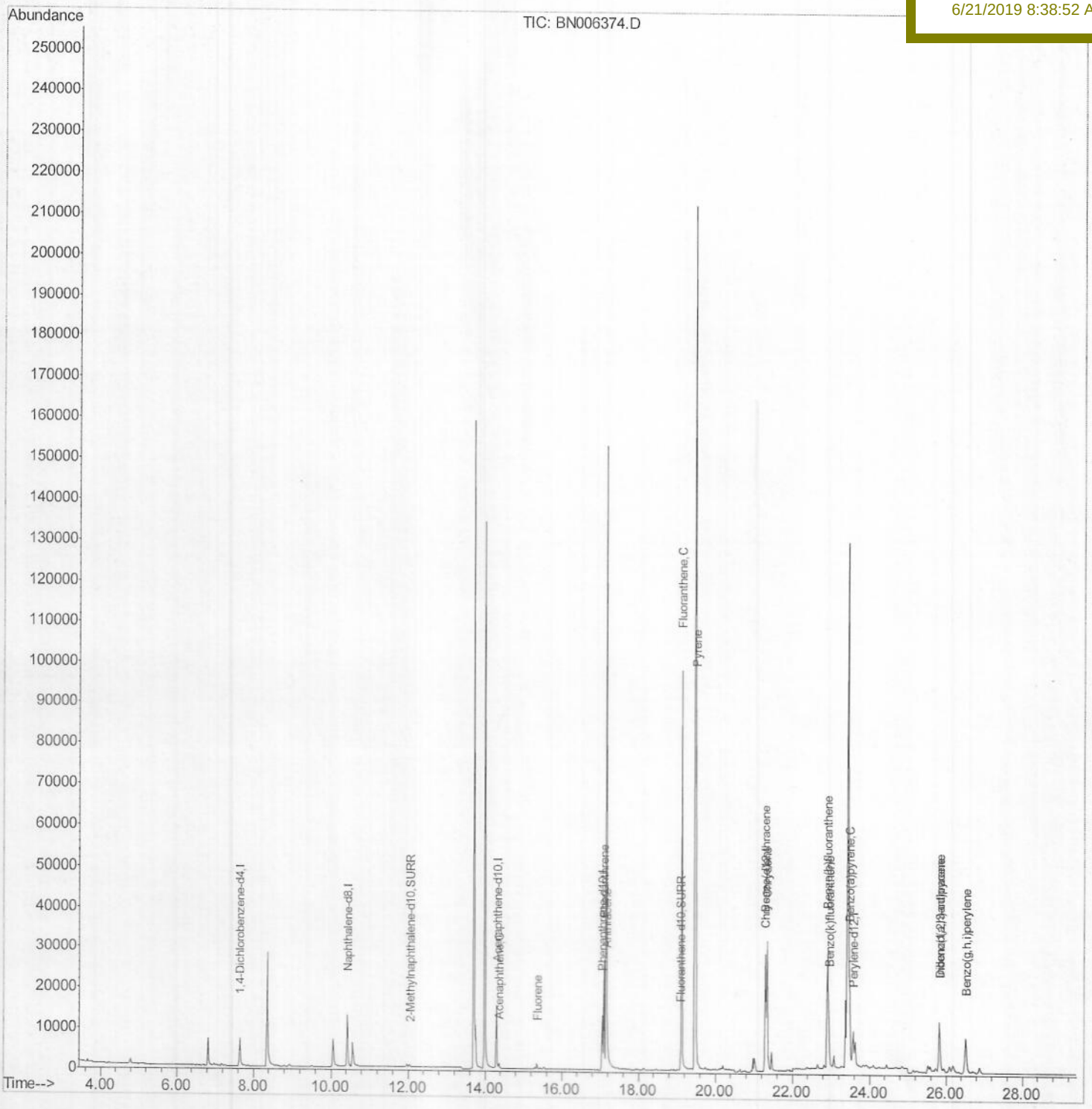
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061819\
Data File : BN006374.D
Acq On : 18 Jun 2019 12:56
Operator : JU/SJ
Sample : K3332-21DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 18 16:30:40 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 : Tue Jun 18 15:57:40 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A41W0DL

Manual Integrations APPROVED
mohammad
6/21/2019 8:38:52 AM



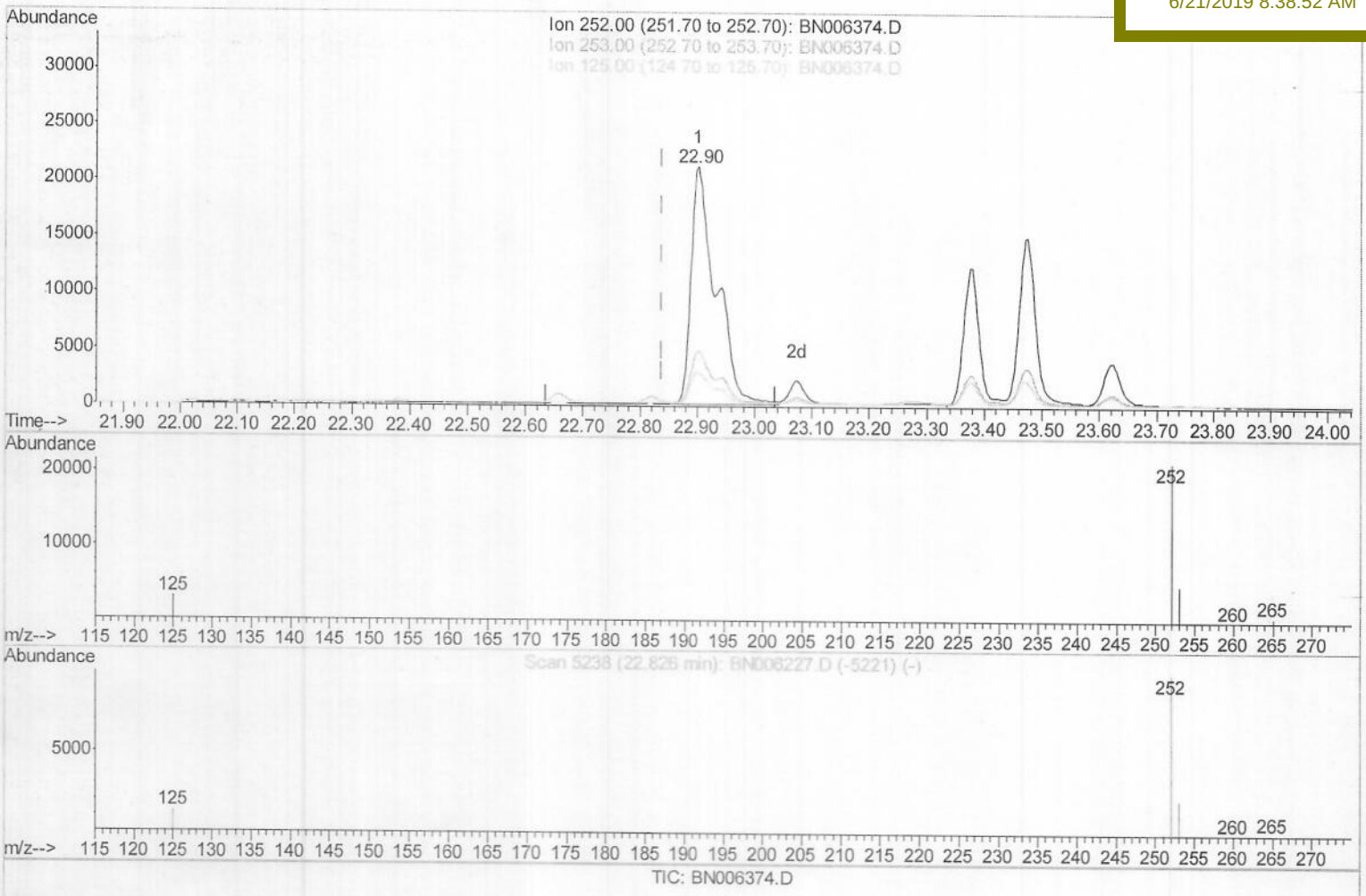
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061819\
Data File : BN006374.D
Acq On : 18 Jun 2019 12:56
Operator : JU/SJ
Sample : K3332-21DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 18 16:08:06 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 : Tue Jun 18 15:57:40 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A41W0DL

Manual Integrations APPROVED
mohammad
6/21/2019 8:38:52 AM



TIC: BN006374.D

(21) Benzo(b)fluoranthene

22.902min (+0.064) 1.39ng/ul

response 65074

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	23.17
125.00	20.50	14.43
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061819\
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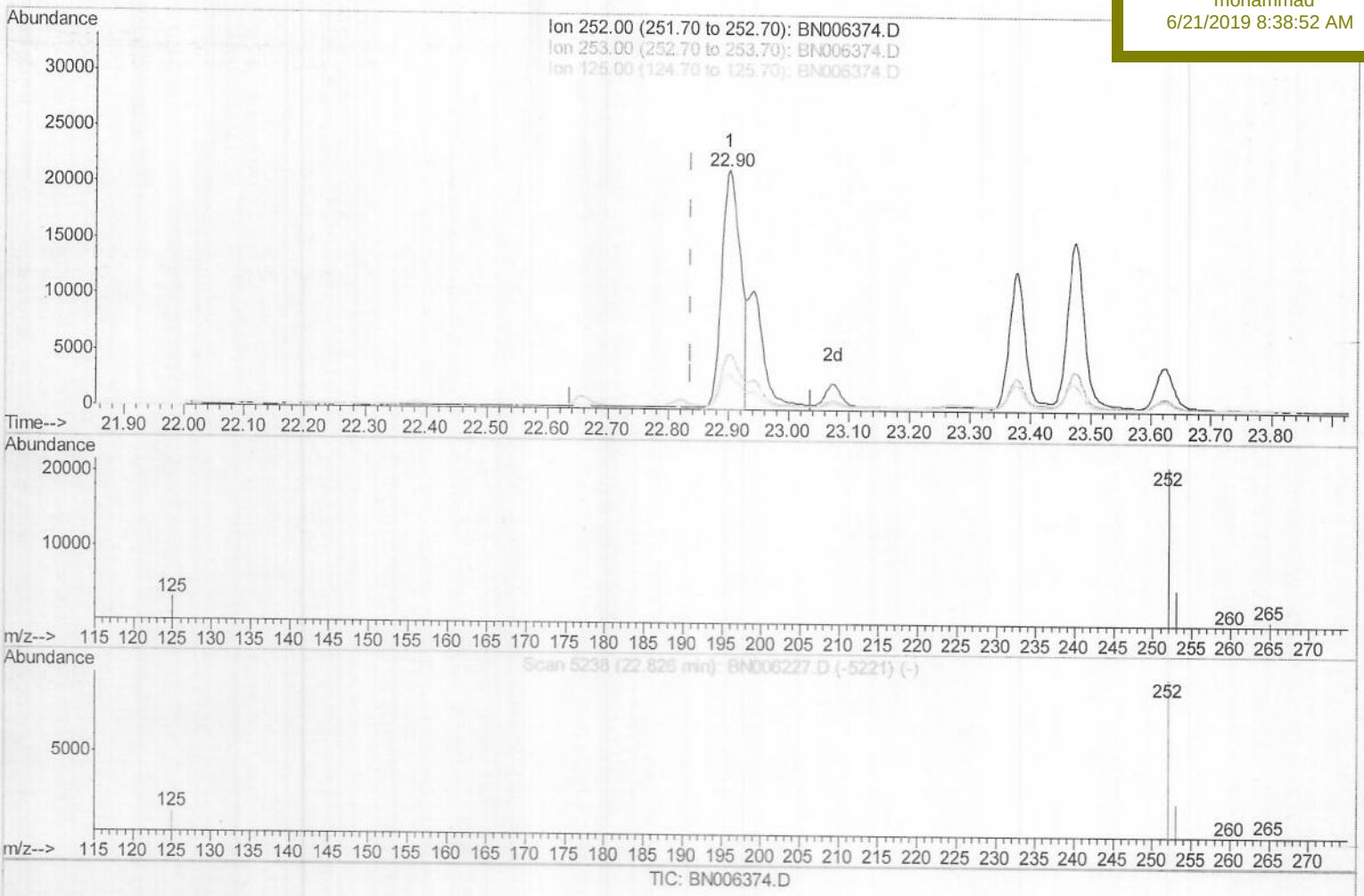
Manual Integrations APPROVED
mohammad
6/21/2019 8:38:52 AM



TIC: BN006374.D

(21) Benzo(b)fluoranthene

22.902min (+0.064) 0.98ng/ul m

response 45849

JU 06/20/19

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	23.17
125.00	20.50	14.43
0.00	0.00	0.00

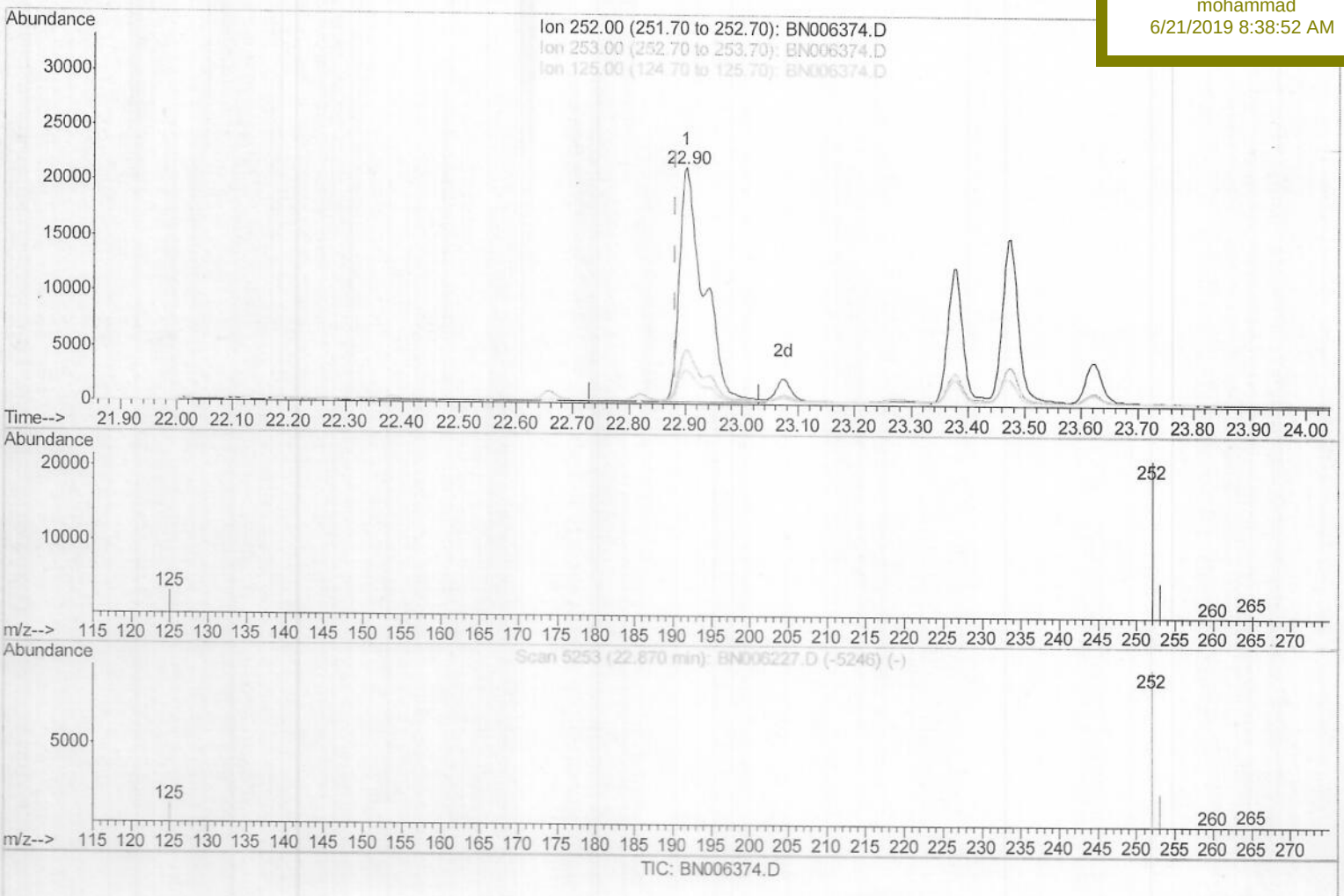
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061819\
Data File : BN006374.D
Acq On : 18 Jun 2019 12:56
Operator : JU/SJ
Sample : K3332-21DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 18 16:08:06 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 : Tue Jun 18 15:57:40 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A41W0DL

Manual Integrations APPROVED
mohammad
6/21/2019 8:38:52 AM



TIC: BN006374.D

(22) Benzo(k)fluoranthene

22.902min (+0.021) 1.43ng/ul

response 65074

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	23.17
125.00	17.90	14.43
0.00	0.00	0.00

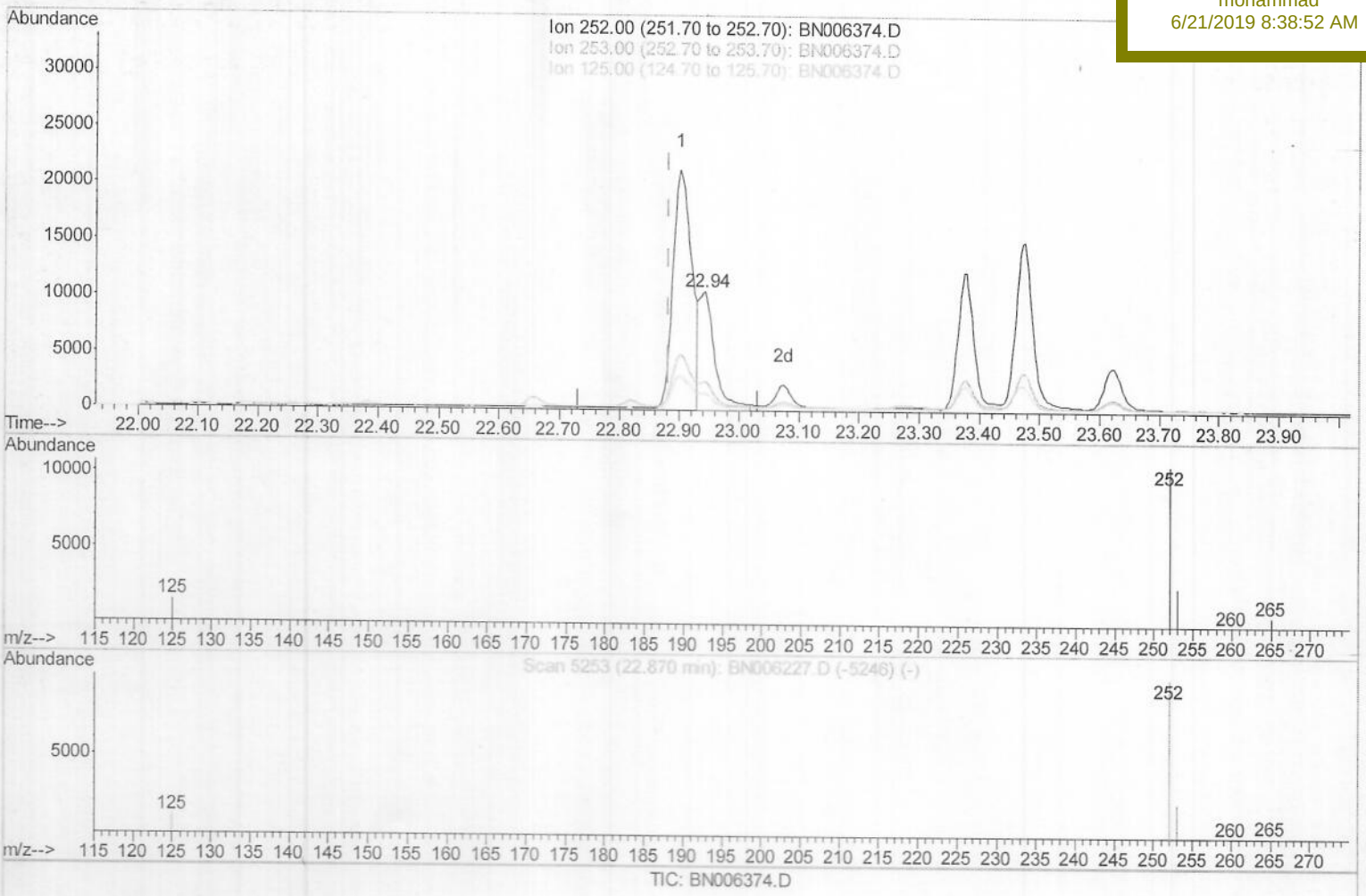
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061819\
Data File : BN006374.D
Acq On : 18 Jun 2019 12:56
Operator : JU/SJ
Sample : K3332-21DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 18 16:08:06 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 : Tue Jun 18 15:57:40 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A41W0DL

Manual Integrations APPROVED
mohammad
6/21/2019 8:38:52 AM



TIC: BN006374.D

(22) Benzo(k)fluoranthene

22.943min (+0.061) 0.45ng/ul m

response 20593

JU 06/20/19

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	24.77
125.00	17.90	14.44
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061819\
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Instrument : BNA_N
ClientSampleId : A41W0DL

Manual Integrations APPROVED
mohammad
6/21/2019 8:38:52 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	4740	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	18340	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	8881	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	15762	0.40	ng/ul	0.00
16) Chrysene-d12	21.30	240	10743	0.40	ng/ul	0.04
20) Perylene-d12	23.57	264	11234	0.40	ng/ul	0.07
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	1024	0.04	ng/ul	0.01
14) Fluoranthene-d10	19.09	212	2169	0.05	ng/ul	0.00
Target Compounds						Qvalue
8) Acenaphthene	14.36	153	690	0.020	ng/ul	95
9) Fluorene	15.35	166	1020	0.025	ng/ul#	93
12) Phenanthrene	17.09	178	30724	0.607	ng/ul	99
13) Anthracene	17.18	178	4548	0.094	ng/ul#	92
15) Fluoranthene	19.13	202	87867	1.573	ng/ul	100
17) Pyrene	19.49	202	72217	1.276	ng/ul	99
18) Benzo(a)anthracene	21.29	228	26449	0.557	ng/ul	99
19) Chrysene	21.34	228	40082	0.899	ng/ul	99
21) Benzo(b)fluoranthene	22.90	252	45849m	0.979	ng/ul	
22) Benzo(k)fluoranthene	22.94	252	20593m	0.451	ng/ul	
23) Benzo(a)pyrene	23.47	252	28549	0.654	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	25.83	276	20935	0.443	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.83	278	4935	0.131	ng/ul	98
26) Benzo(g,h,i)perylene	26.51	276	17926	0.453	ng/ul	96

JU 06/20/19

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