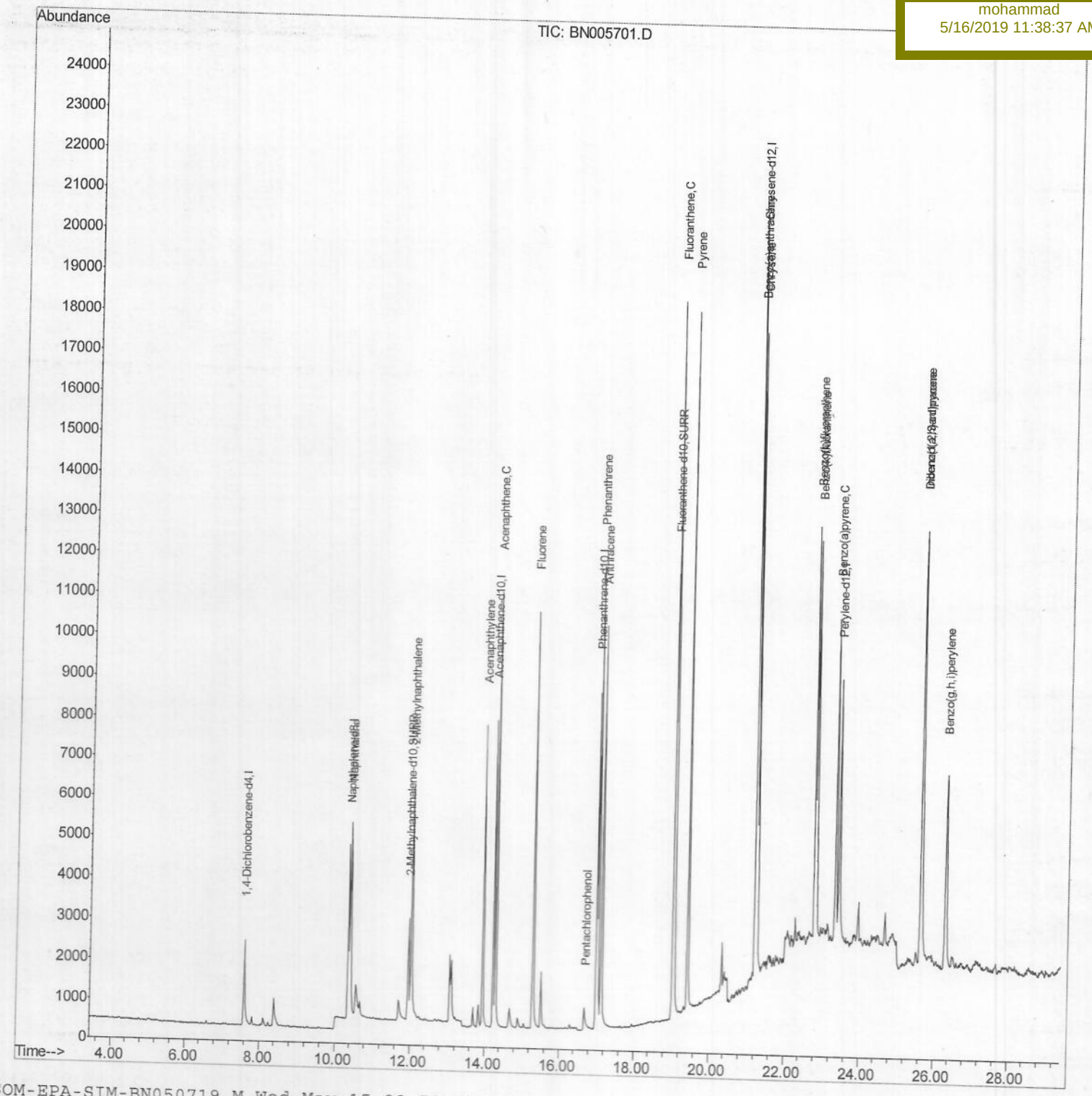
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN051519\
Data File : BN005701.D
Acq On : 15 May 2019 19:48
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 15 23:00:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 07:15:06 2019
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTD0.478

Manual Integrations APPROVED
mohammad
5/16/2019 11:38:37 AM



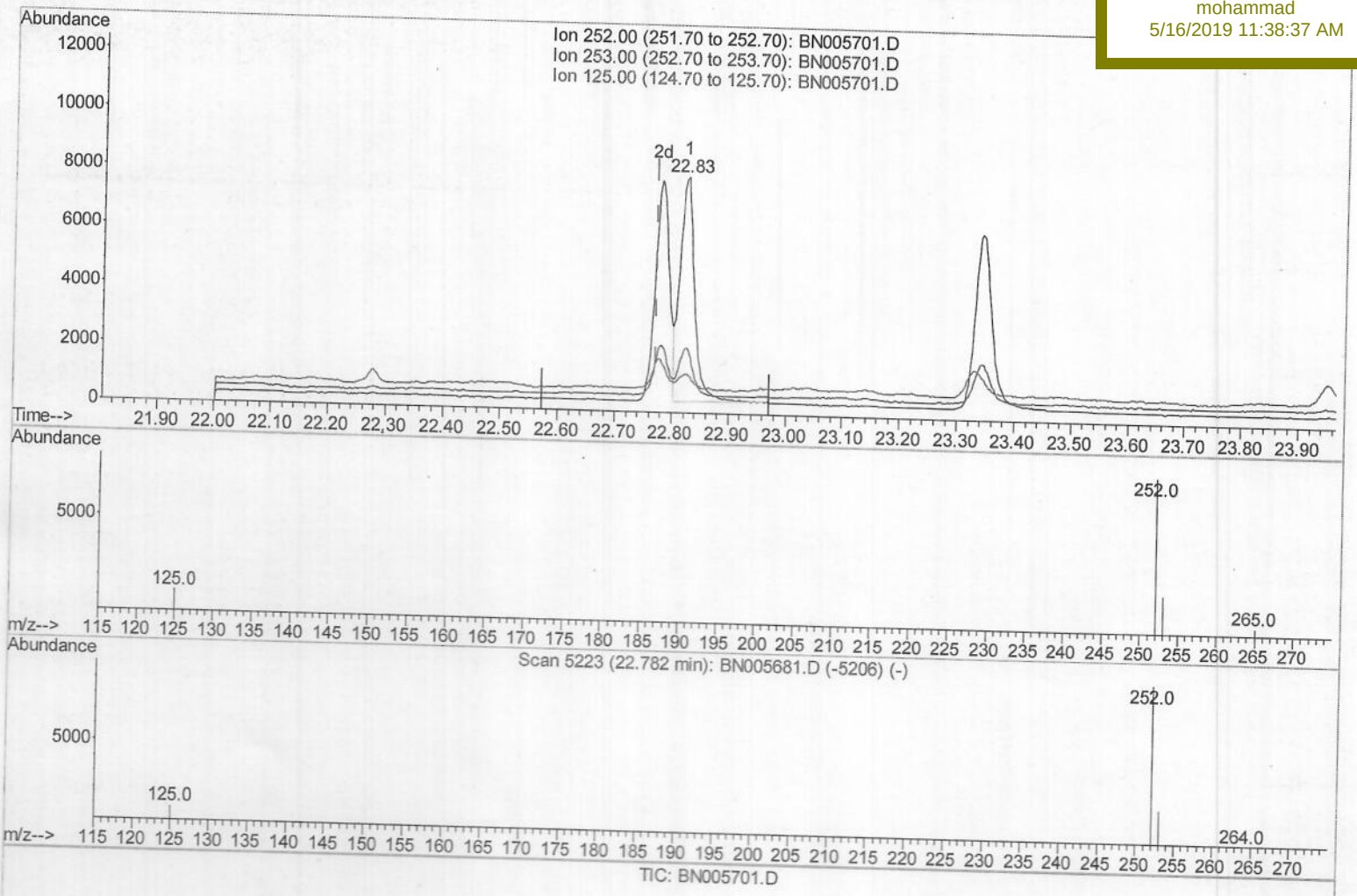
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN051519\
Data File : BN005701.D
Acq On : 15 May 2019 19:48
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 15 22:54:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 07:15:06 2019
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTD0.478

Manual Integrations APPROVED
mohammad
5/16/2019 11:38:37 AM



(21) Benzo(b)fluoranthene

22.826min (+0.053) 0.51ng/ul

response 13700

Ion	Exp%	Act%
252.00	100	100
253.00	23.80	27.48
125.00	10.40	16.45
0.00	0.00	0.00

Quantitation Report (Qedit)

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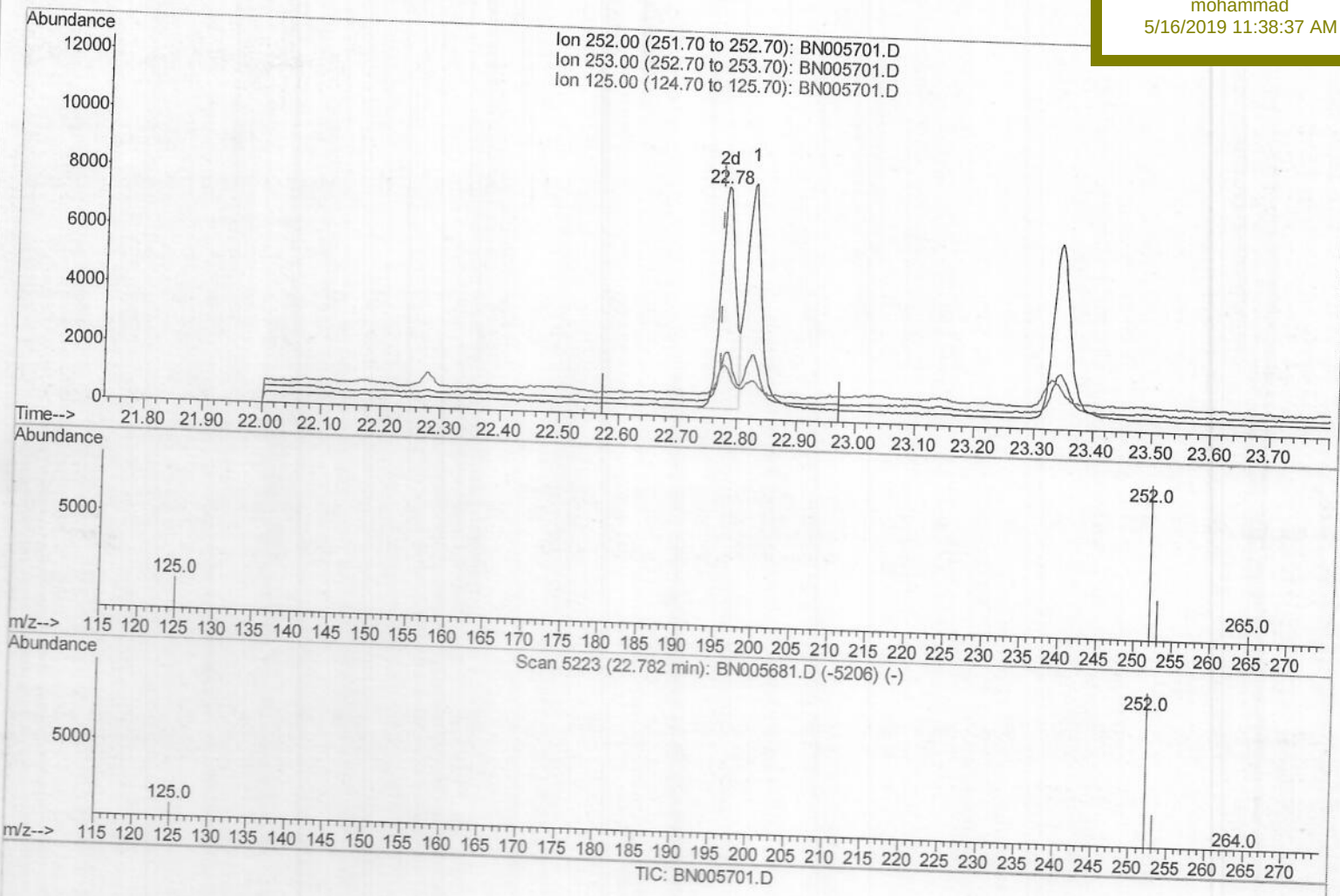
Manual Integrations APPROVED
mohammad
5/16/2019 11:38:37 AM



TIC: BN005701.D

(21) Benzo(b)fluoranthene

22.779min (+0.006) 0.47ng/ul m SJU05/22/19

response 12782

Ion	Exp%	Act%
252.00	100	100
253.00	23.80	28.77
125.00	10.40	22.58#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN051519\
Data File : BN005701.D
Acq On : 15 May 2019 19:48
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 15 23:00:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 07:15:06 2019
Response via : Initial Calibration

Instrument : BNA_N
LabSampleId : SSTD0.478

Manual Integrations APPROVED
mohammad
5/16/2019 11:38:37 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	1814	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	7738	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	4755	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	11825	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	9912	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	8992	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	5194	0.43	ng/ul	-0.01
14) Fluoranthene-d10	19.03	212	14916	0.40	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.40	128	8273	0.404	ng/ul	99
5) 2-Methylnaphthalene	12.03	142	6048	0.433	ng/ul	100
7) Acenaphthylene	13.95	152	9939	0.415	ng/ul	98
8) Acenaphthene	14.29	153	6968	0.411	ng/ul	98
9) Fluorene	15.29	166	8211	0.415	ng/ul	100
11) Pentachlorophenol	16.68	266	1060	0.346	ng/ul	93
12) Phenanthrene	17.03	178	13801	0.428	ng/ul	99
13) Anthracene	17.12	178	13757	0.428	ng/ul	99
15) Fluoranthene	19.06	202	17565	0.394	ng/ul	96
17) Pyrene	19.43	202	18113	0.495	ng/ul	96
18) Benzo(a)anthracene	21.20	228	15423	0.451	ng/ul	95
19) Chrysene	21.26	228	15800	0.376	ng/ul	94
21) Benzo(b)fluoranthene	22.78	252	12782m	0.473	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	13748	0.406	ng/ul#	89
23) Benzo(a)pyrene	23.34	252	12646	0.419	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.64	276	13427	0.397	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.64	278	11019	0.394	ng/ul#	89
26) Benzo(g,h,i)perylene	26.31	276	11494	0.399	ng/ul#	93

JU 05/22/19

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