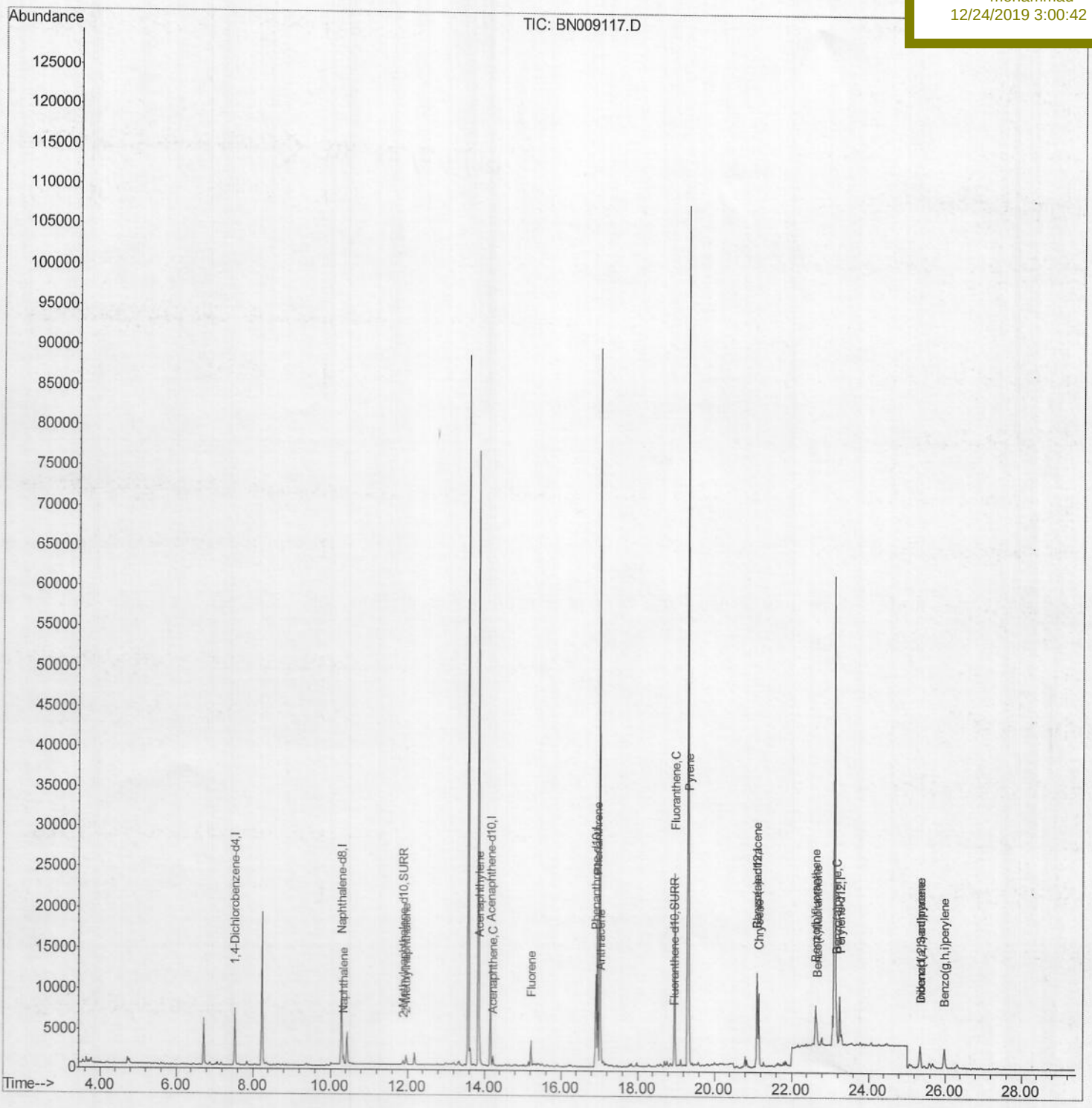
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN122319\
Data File : BN009117.D
Acq On : 24 Dec 2019 09:45
Operator : JU
Sample : K6254-02DL 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Dec 24 10:58:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 06:49:13 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0C06DL

Manual Integrations APPROVED
mohammad
12/24/2019 3:00:42 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN122319\
Data File : BN009117.D
Acq On : 24 Dec 2019 09:45
Operator : JU
Sample : K6254-02DL 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Dec 24 10:57:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 06:49:13 2019
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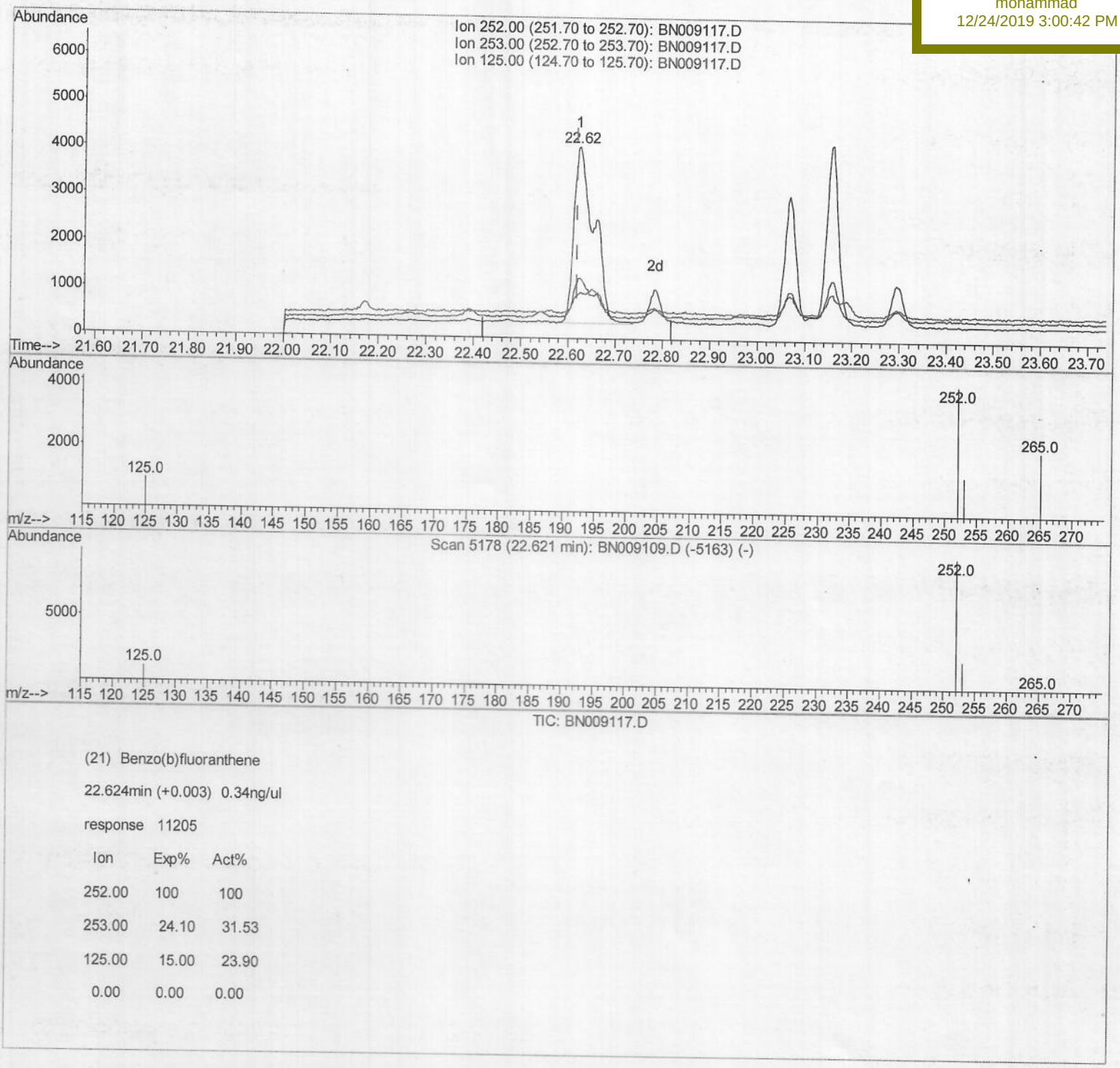
Manual Integrations APPROVED
mohammad
12/24/2019 3:00:42 PM



TIC: BN009117.D

(21) Benzo(b)fluoranthene

22.624min (+0.003) 0.34ng/ul

response 11205

Ion	Exp%	Act%
252.00	100	100
253.00	24.10	31.53
125.00	15.00	23.90
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN122319\
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Operator : JU
Sample : K6254-02DL 5X
Misc :
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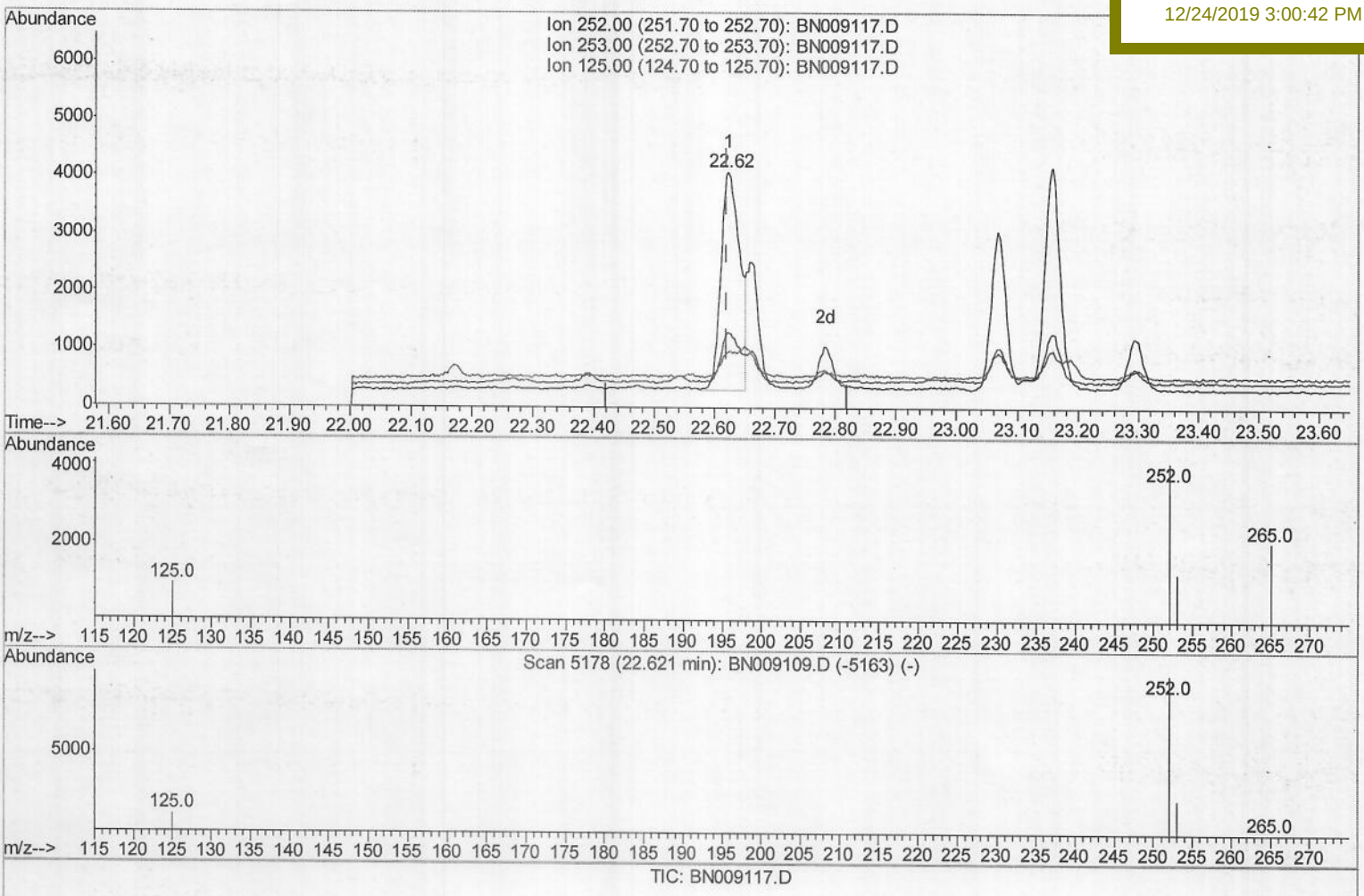
BNA_N
ClientSampleId :
C0C06DL

Manual Integrations APPROVED
mohammad
12/24/2019 3:00:42 PM



TIC: BN009117.D

(21) Benzo(b)fluoranthene

22.624min (+0.003) 0.24ng/ul m JU 12/24/19

response 8118

Ion	Exp%	Act%
252.00	100	100
253.00	24.10	31.53
125.00	15.00	23.90
0.00	0.00	0.00

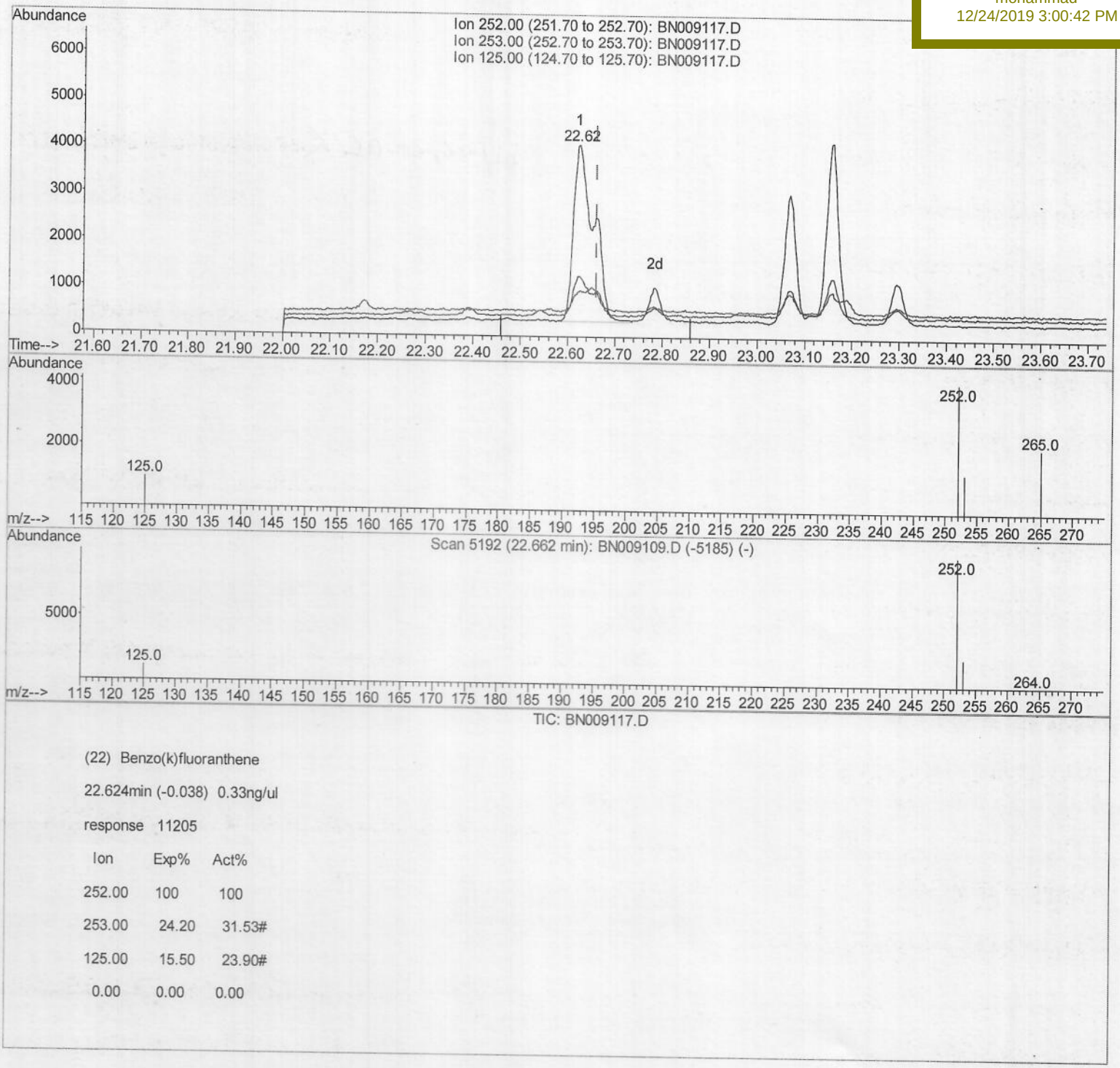
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN122319\
Data File : BN009117.D
Acq On : 24 Dec 2019 09:45
Operator : JU
Sample : K6254-02DL 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Dec 24 10:57:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 06:49:13 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0C06DL

Manual Integrations APPROVED
mohammad
12/24/2019 3:00:42 PM



TIC: BN009117.D

(22) Benzo(k)fluoranthene

22.624min (-0.038) 0.33ng/ul

response 11205

Ion	Exp%	Act%
252.00	100	100
253.00	24.20	31.53#
125.00	15.50	23.90#
0.00	0.00	0.00

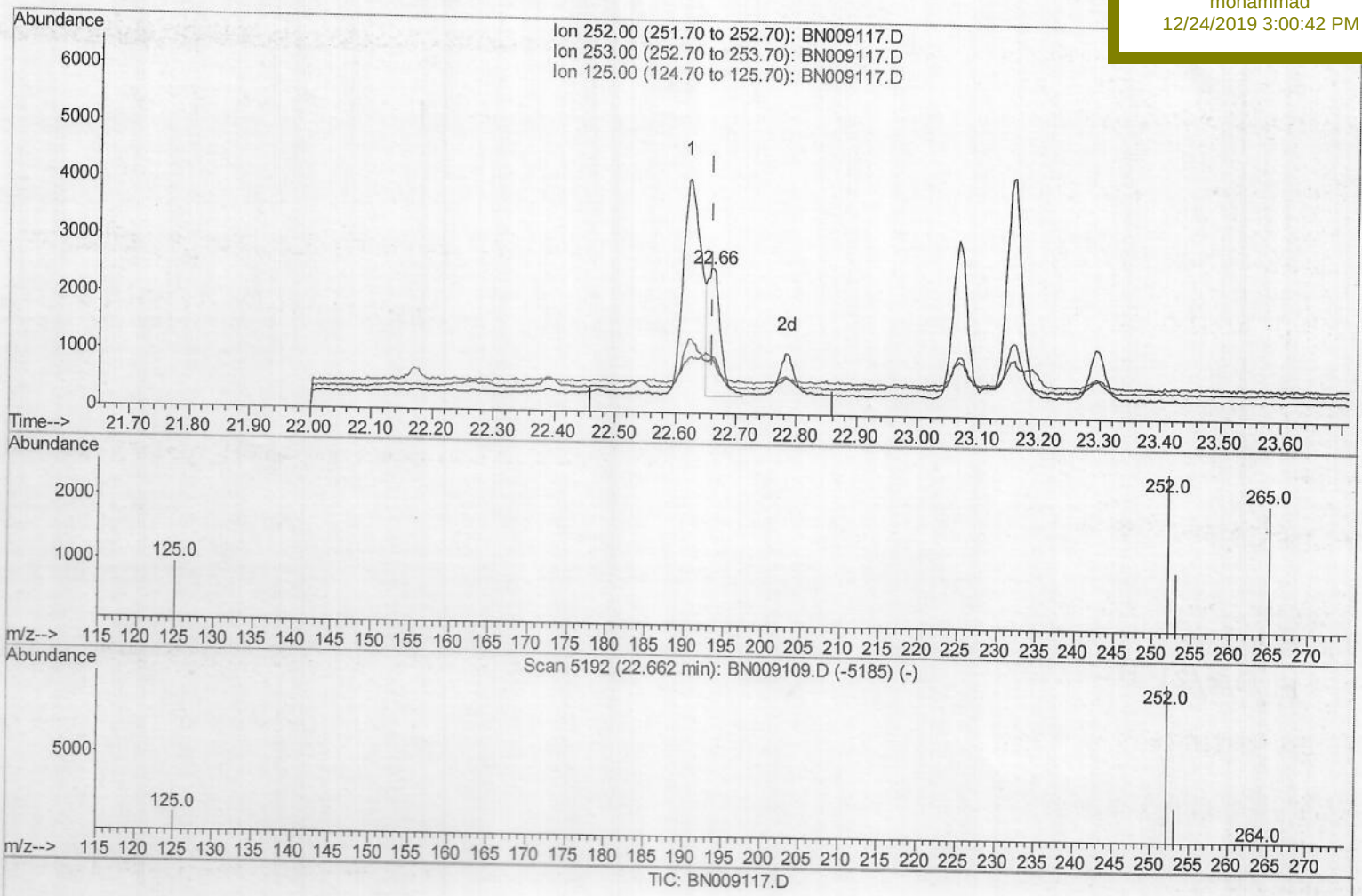
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN122319\
Data File : BN009117.D
Acq On : 24 Dec 2019 09:45
Operator : JU
Sample : K6254-02DL 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Dec 24 10:57:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 06:49:13 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0C06DL

Manual Integrations APPROVED
mohammad
12/24/2019 3:00:42 PM



TIC: BN009117.D

(22) Benzo(k)fluoranthene

22.662min (+0.000) 0.09ng/ul m > JU 12/24/19

response 3174

Ion	Exp%	Act%
252.00	100	100
253.00	24.20	38.63#
125.00	15.50	37.09#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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ClientSampleId : C0C06DL

Manual Integrations APPROVED
mohammad
12/24/2019 3:00:42 PM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	3509	0.40 ng/ul	0.00
2) Naphthalene-d8	10.28	136	13108	0.40 ng/ul	0.00
6) Acenaphthene-d10	14.16	164	6945	0.40 ng/ul	0.00
10) Phenanthrene-d10	16.91	188	12805	0.40 ng/ul	0.00
16) Chrysene-d12	21.11	240	7378	0.40 ng/ul	0.00
20) Perylene-d12	23.25	264	7138	0.40 ng/ul	0.00
System Monitoring Compounds					
4) 2-Methylnaphthalene-d10	11.89	152	692	0.03 ng/ul	0.00
14) Fluoranthene-d10	18.94	212	1217	0.03 ng/ul	0.00
Target Compounds					Qvalue
3) Naphthalene	10.33	128	1182	0.030 ng/ul#	87
5) 2-Methylnaphthalene	11.96	142	920	0.031 ng/ul	99
7) Acenaphthylene	13.88	152	2217	0.061 ng/ul#	91
8) Acenaphthene	14.22	153	733	0.026 ng/ul	97
9) Fluorene	15.22	166	2124	0.063 ng/ul#	99
12) Phenanthrene	16.95	178	18989	0.426 ng/ul	100
13) Anthracene	17.04	178	3949	0.099 ng/ul	96
15) Fluoranthene	18.97	202	20217	0.397 ng/ul	97
17) Pyrene	19.33	202	22908	0.609 ng/ul	98
18) Benzo(a)anthracene	21.10	228	8221	0.251 ng/ul	95
19) Chrysene	21.15	228	8966	0.272 ng/ul	96
21) Benzo(b)fluoranthene	22.62	252	8118m	0.244 ng/ul	
22) Benzo(k)fluoranthene	22.66	252	3174m	0.094 ng/ul	
23) Benzo(a)pyrene	23.16	252	6743	0.231 ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.35	276	4127	0.130 ng/ul#	95
25) Dibenzo(a,h)anthracene	25.36	278	1188	0.047 ng/ul#	42
26) Benzo(g,h,i)perylene	25.98	276	4507	0.168 ng/ul	93

JU 12/24/19

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