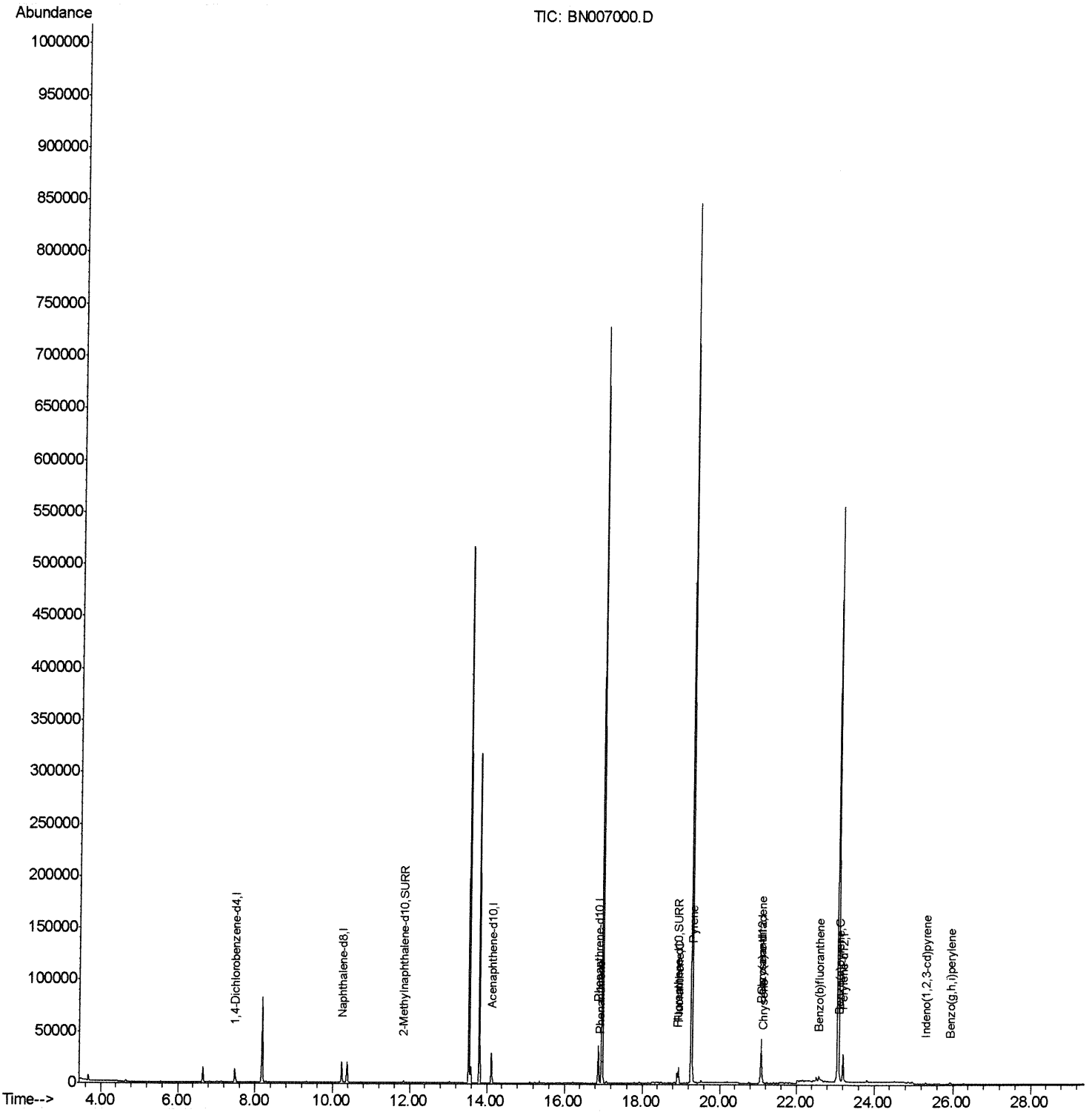
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
Data File : BN007000.D
Acq On : 07 Aug 2019 22:46
Operator : HP/JU
Sample : K3962-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 08 05:43:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP25

Manual Integrations APPROVED
mohammad
8/9/2019 6:15:22 AM



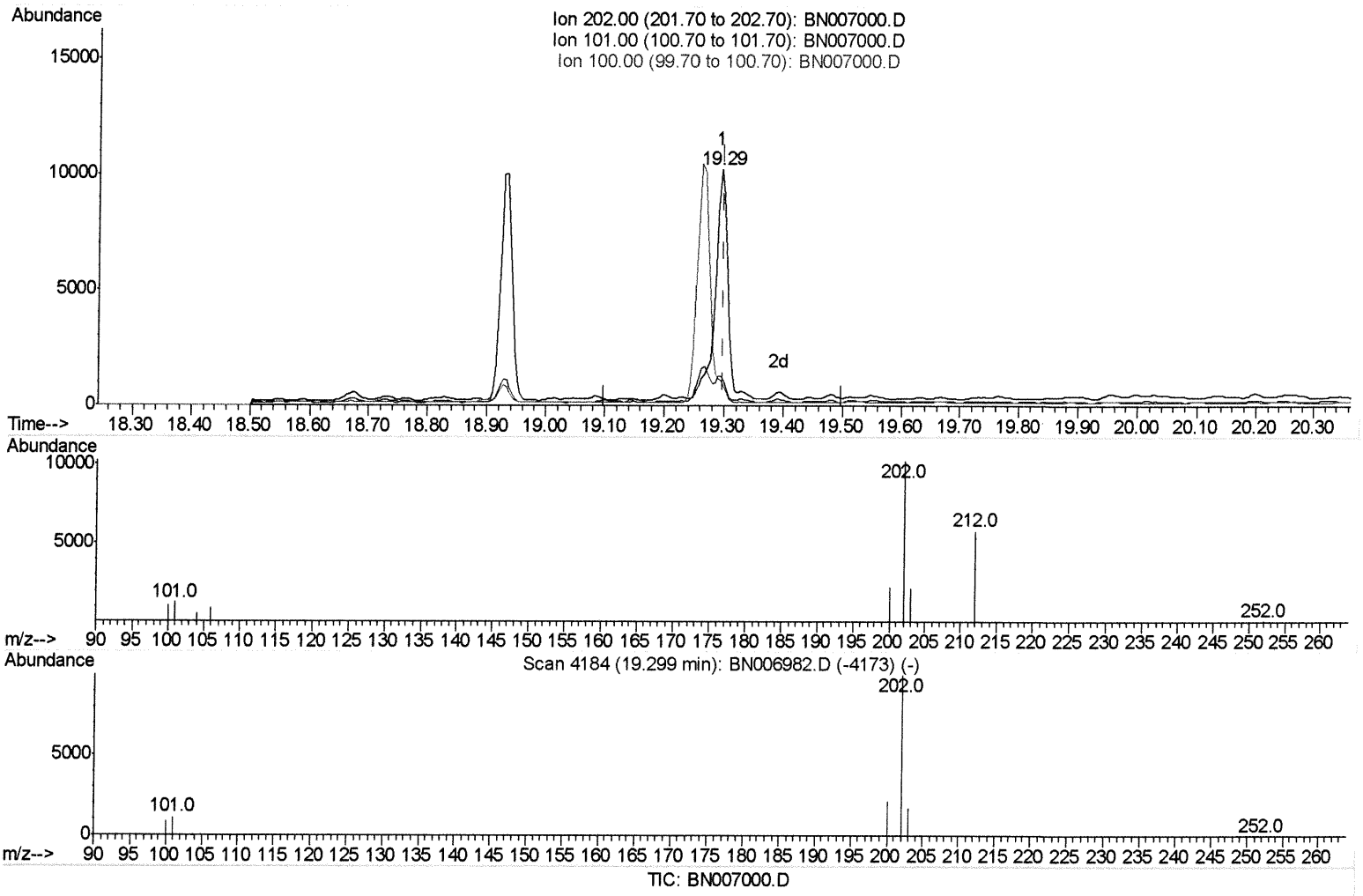
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
Data File : BN007000.D
Acq On : 07 Aug 2019 22:46
Operator : HP/JU
Sample : K3962-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 08 04:52:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP25

Manual Integrations APPROVED
mohammad
8/9/2019 6:15:22 AM



TIC: BN007000.D

(17) Pyrene

19.295min (-0.005) 0.09ng/ul

response 15002

Ion	Exp%	Act%
202.00	100	100
101.00	11.60	12.48
100.00	9.10	10.59
0.00	0.00	0.00

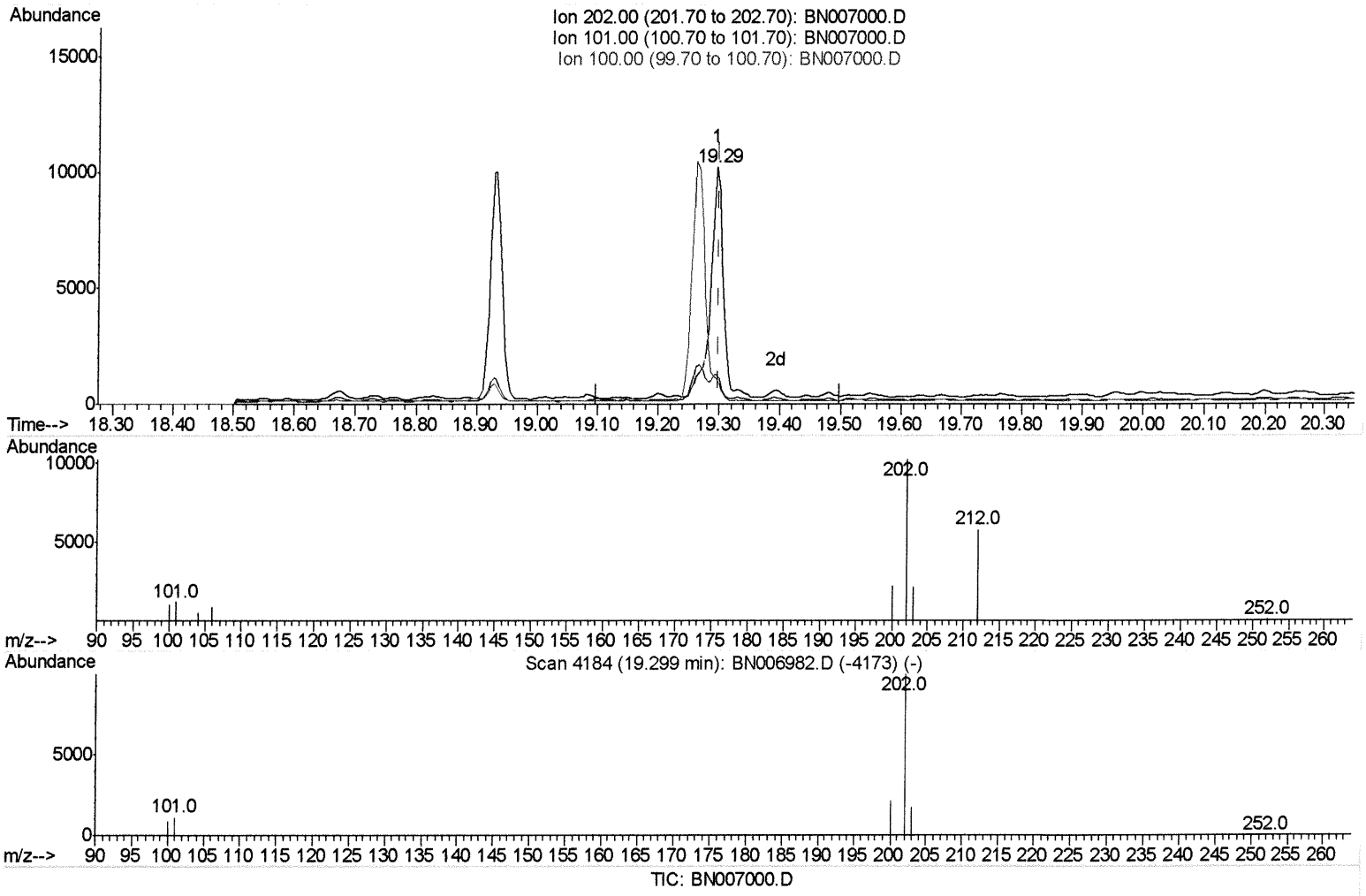
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
Data File : BN007000.D
Acq On : 07 Aug 2019 22:46
Operator : HP/JU
Sample : K3962-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 08 04:52:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP25

Manual Integrations APPROVED
mohammad
8/9/2019 6:15:22 AM



TIC: BN007000.D

(17) Pyrene

19.295min (-0.005) 0.08ng/ul m Ju 08/09/19

response 12965

Ion	Exp%	Act%
202.00	100	100
101.00	11.60	12.48
100.00	9.10	10.59
0.00	0.00	0.00

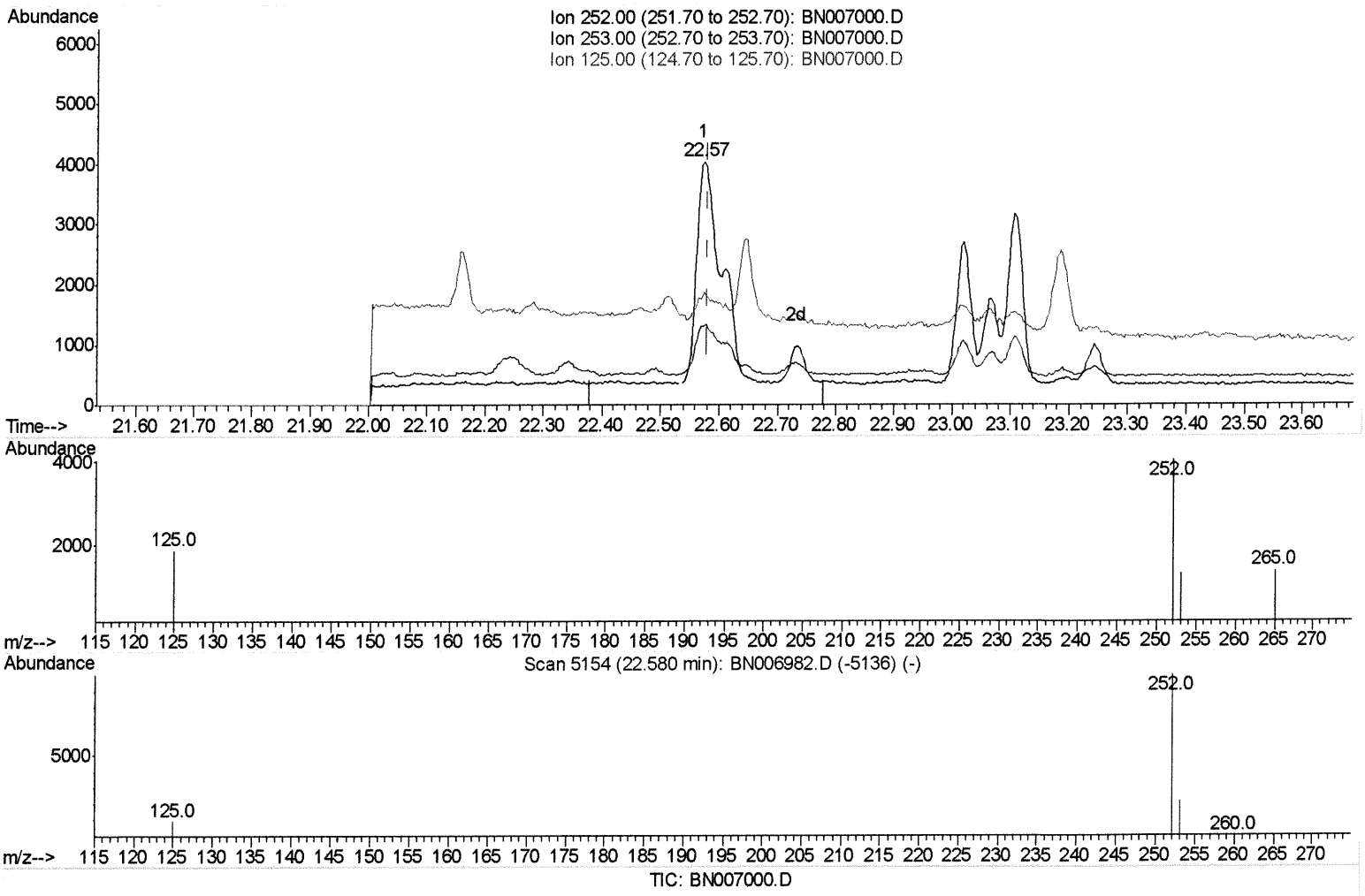
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
Data File : BN007000.D
Acq On : 07 Aug 2019 22:46
Operator : HP/JU
Sample : K3962-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 08 04:52:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP25

Manual Integrations APPROVED
mohammad
8/9/2019 6:15:22 AM



TIC: BN007000.D

(21) Benzo(b)fluoranthene

22.574min (-0.006) 0.08ng/ul

response 10722

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	32.59
125.00	11.10	46.22#
0.00	0.00	0.00

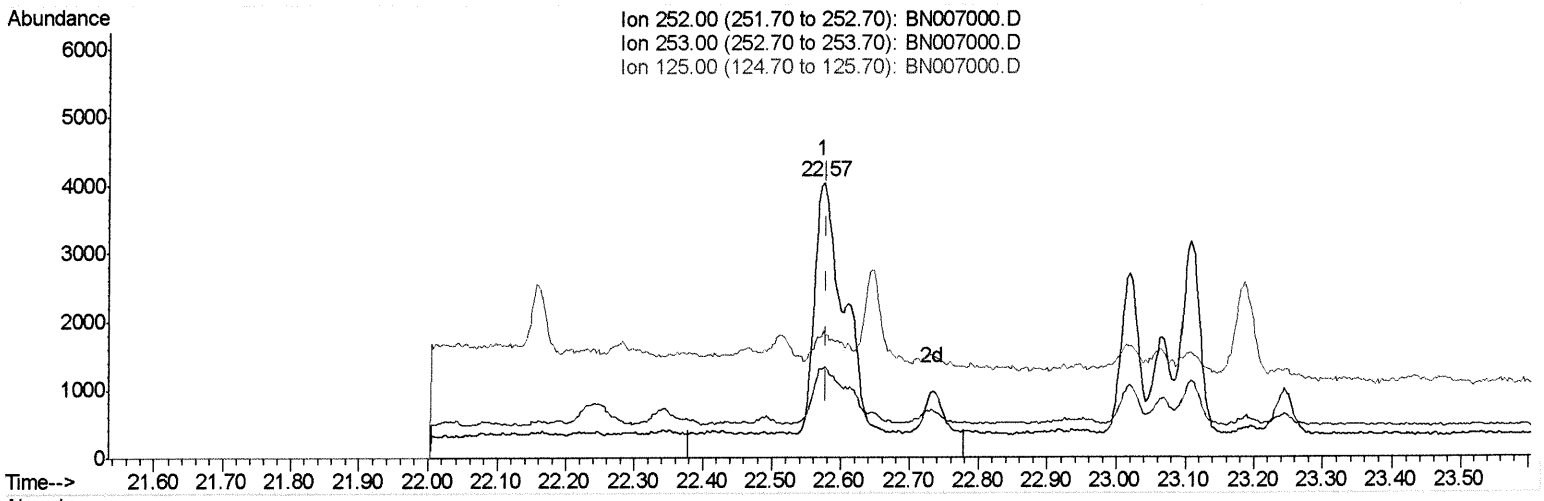
Quantitation Report (Qedit)

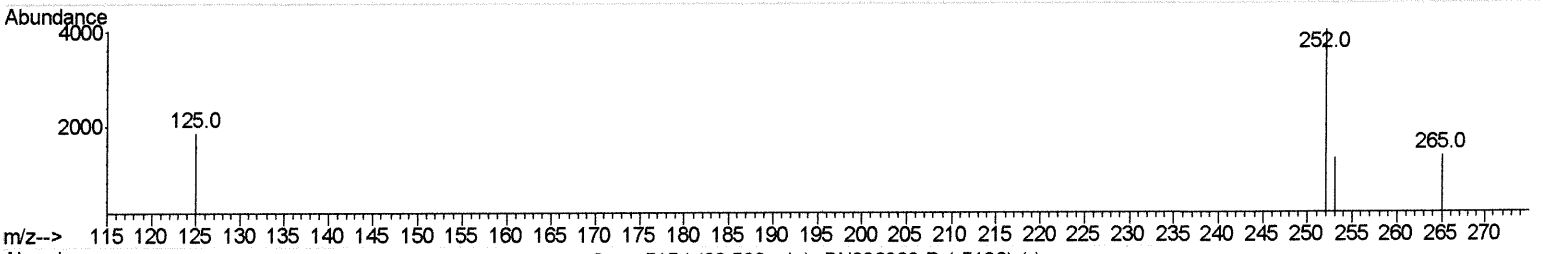
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
Data File : BN007000.D
Acq On : 07 Aug 2019 22:46
Operator : HP/JU
Sample : K3962-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

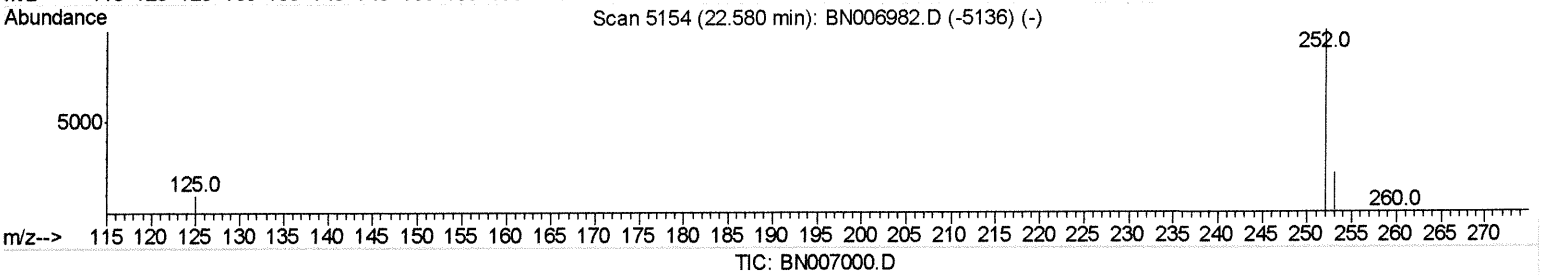
Quant Time: Aug 08 04:52:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP25

Manual Integrations APPROVED
mohammad
8/9/2019 6:15:22 AM







TIC: BN007000.D

(21) Benzo(b)fluoranthene JU 08/09/19

22.574min (-0.006) 0.06ng/ul m

response 8171

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	32.59
125.00	11.10	46.22#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
Data File : BN007000.D
Acq On : 07 Aug 2019 22:46
Operator : HP/JU
Sample : K3962-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEP25

Manual Integrations APPROVED
mohammad
8/9/2019 6:15:22 AM

Quant Time: Aug 08 05:43:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	6265	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	25029	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.11	164	15750	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	40680	0.40	ng/ul	0.00
16) Chrysene-d12	21.07	240	35853	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	32510	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.83	152	1984	0.04	ng/ul	0.00
14) Fluoranthene-d10	18.90	212	11228	0.09	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	16.90	178	4747	0.037	ng/ul#	93
15) Fluoranthene	18.93	202	13248	0.082	ng/ul	98
17) Pyrene	19.29	202	12965m→	0.081	ng/ul>	JU 08/09/19
18) Benzo(a)anthracene	21.06	228	6575	0.042	ng/ul#	84
19) Chrysene	21.11	228	8141	0.055	ng/ul#	88
21) Benzo(b)fluoranthene	22.57	252	8171m→	0.062	ng/ul>	JU 08/09/19
23) Benzo(a)pyrene	23.11	252	5019	0.040	ng/ul#	50
24) Indeno(1,2,3-cd)pyrene	25.30	276	2844	0.021	ng/ul#	51
26) Benzo(g,h,i)perylene	25.93	276	2947	0.026	ng/ul#	72

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