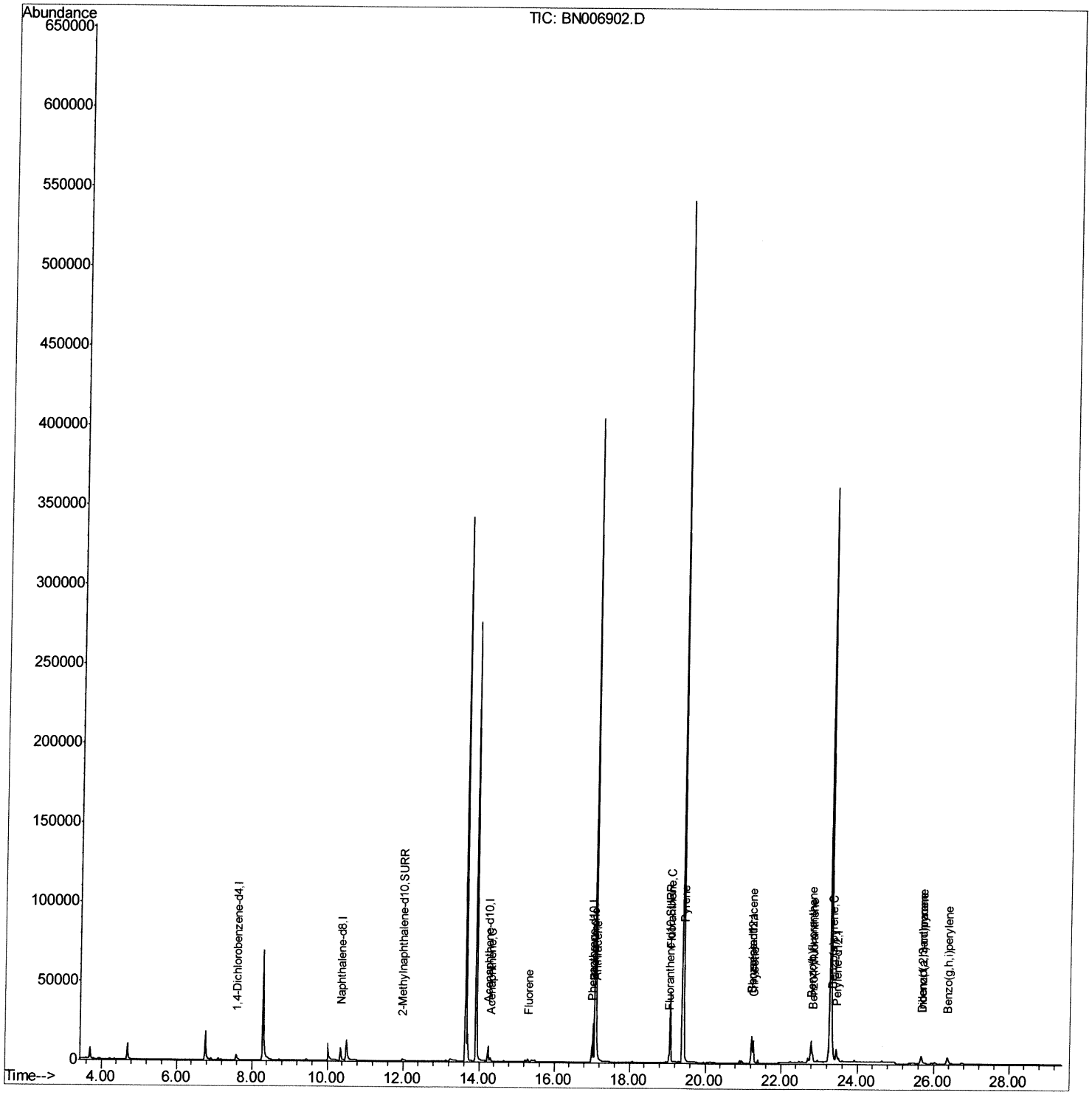
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
Data File : BN006902.D
Acq On : 18 Jul 2019 21:20
Operator : HP/JU
Sample : K3764-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 19 04:24:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A52G6

Manual Integrations APPROVED
mohammad
7/19/2019 3:59:46 PM



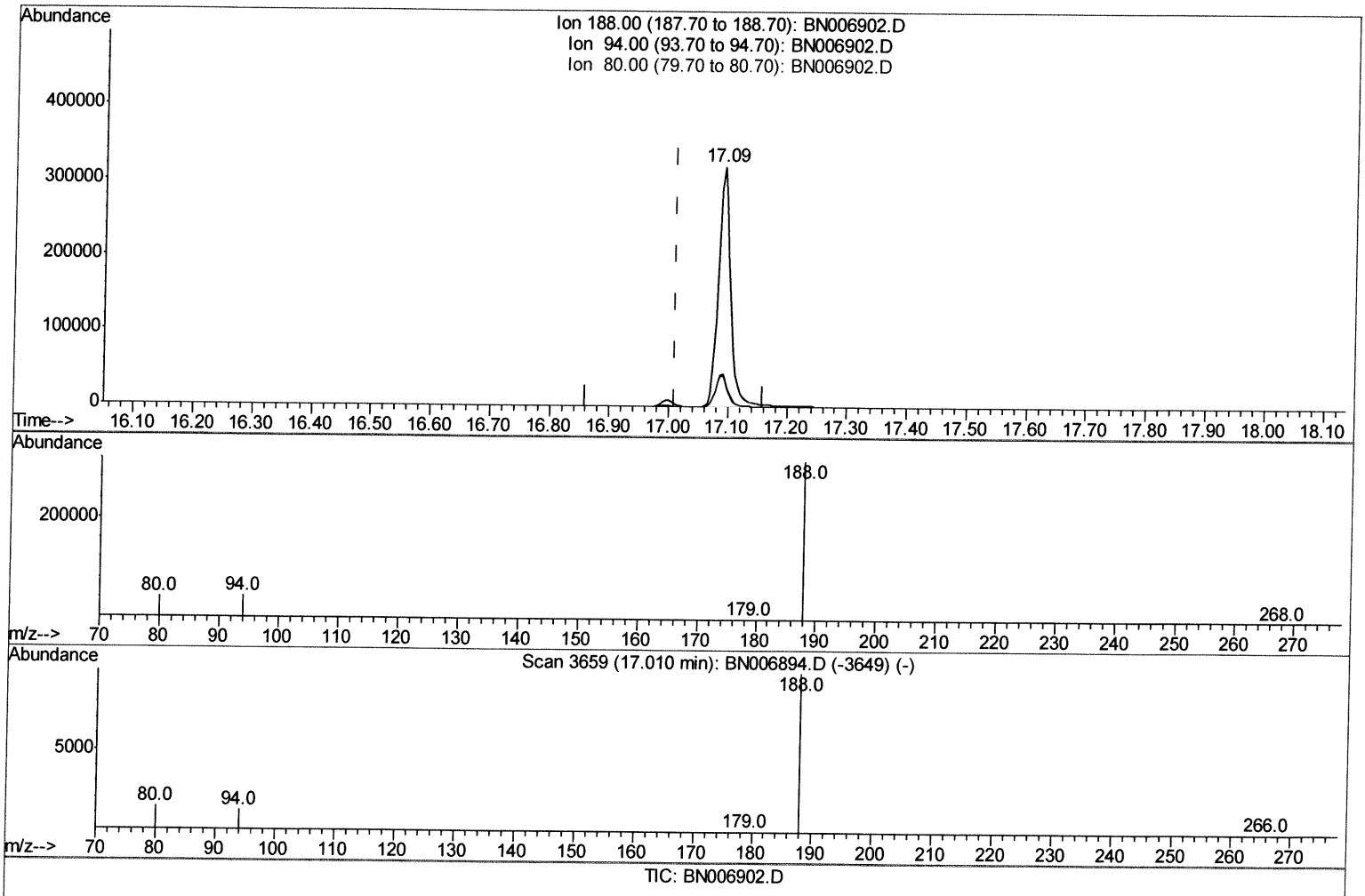
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
Data File : BN006902.D
Acq On : 18 Jul 2019 21:20
Operator : HP/JU
Sample : K3764-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 19 03:41:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A52G6

Manual Integrations APPROVED
mohammad
7/19/2019 3:59:46 PM



TIC: BN006902.D

(10) Phenanthrene-d10 (I)

17.090min (+0.080) 0.40ng/ul

response 453873

Ion	Exp%	Act%
188.00	100	100
94.00	13.70	13.59
80.00	14.80	12.82
0.00	0.00	0.00

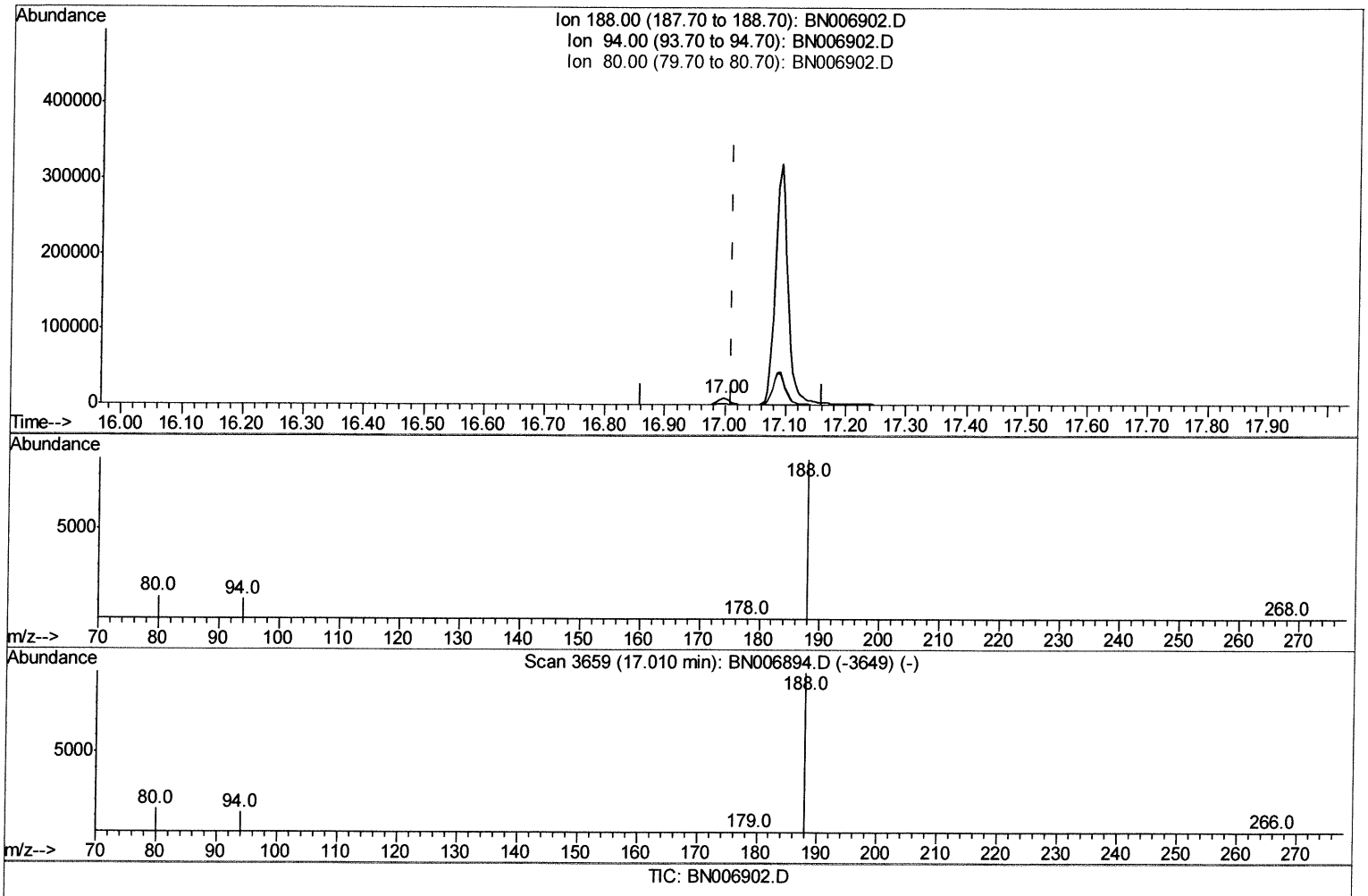
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
Data File : BN006902.D
Acq On : 18 Jul 2019 21:20
Operator : HP/JU
Sample : K3764-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 19 03:41:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A52G6

Manual Integrations APPROVED
mohammad
7/19/2019 3:59:46 PM



(10) Phenanthrene-d10 (I)

16.998min (-0.013) 0.40ng/ul m JU 07/19/19

response 11999

Ion	Exp%	Act%
188.00	100	100
94.00	13.70	12.49
80.00	14.80	14.15
0.00	0.00	0.00

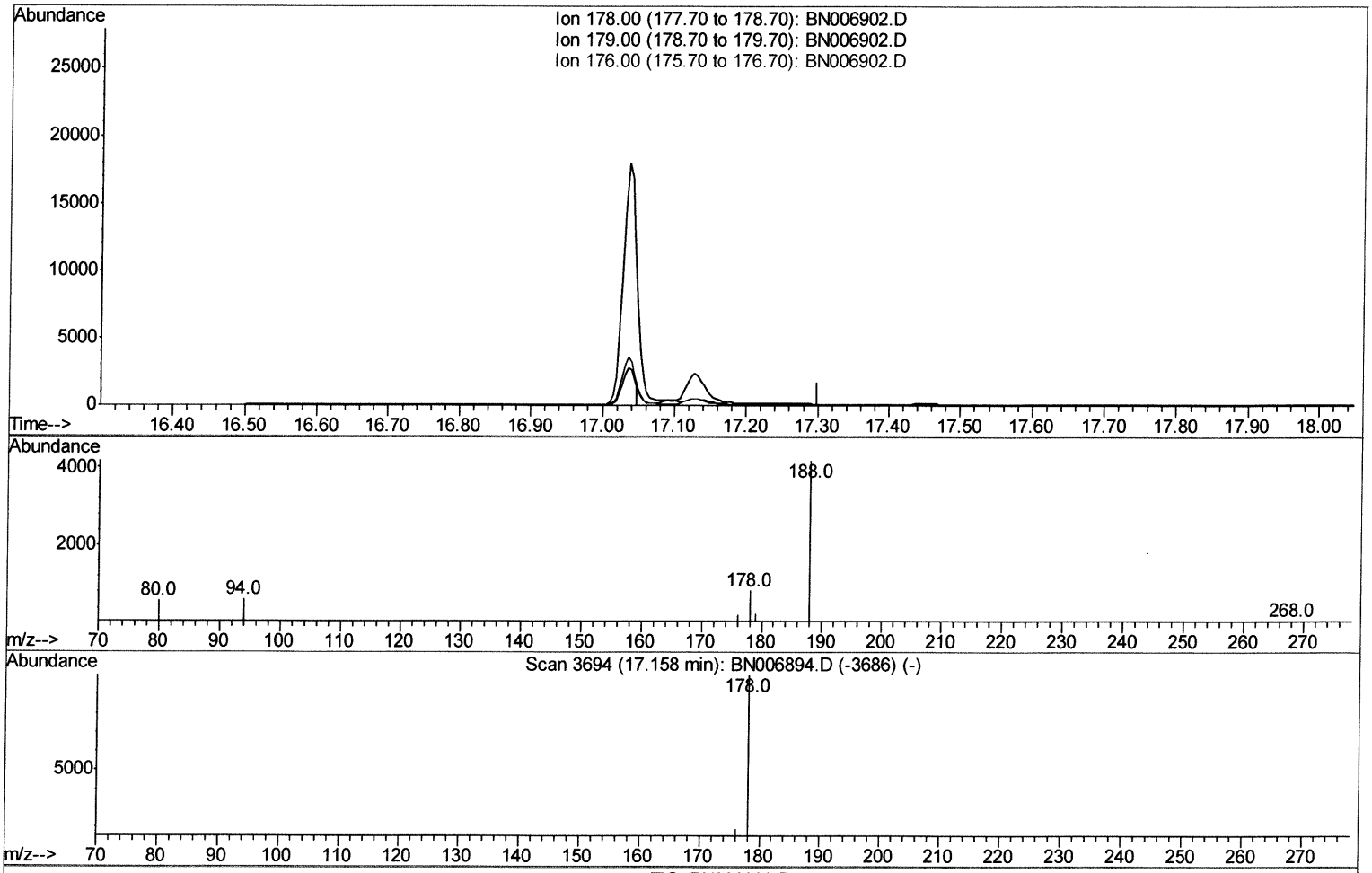
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
Data File : BN006902.D
Acq On : 18 Jul 2019 21:20
Operator : HP/JU
Sample : K3764-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 19 04:20:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A52G6

Manual Integrations APPROVED
mohammad
7/19/2019 3:59:46 PM



TIC: BN006902.D

(13) Anthracene

17.149min (-17.149) 0.00ng/ul

response 0

Ion	Exp%	Act%
178.00	100	0.00
179.00	15.90	0.00#
176.00	19.70	0.00#
0.00	0.00	0.00

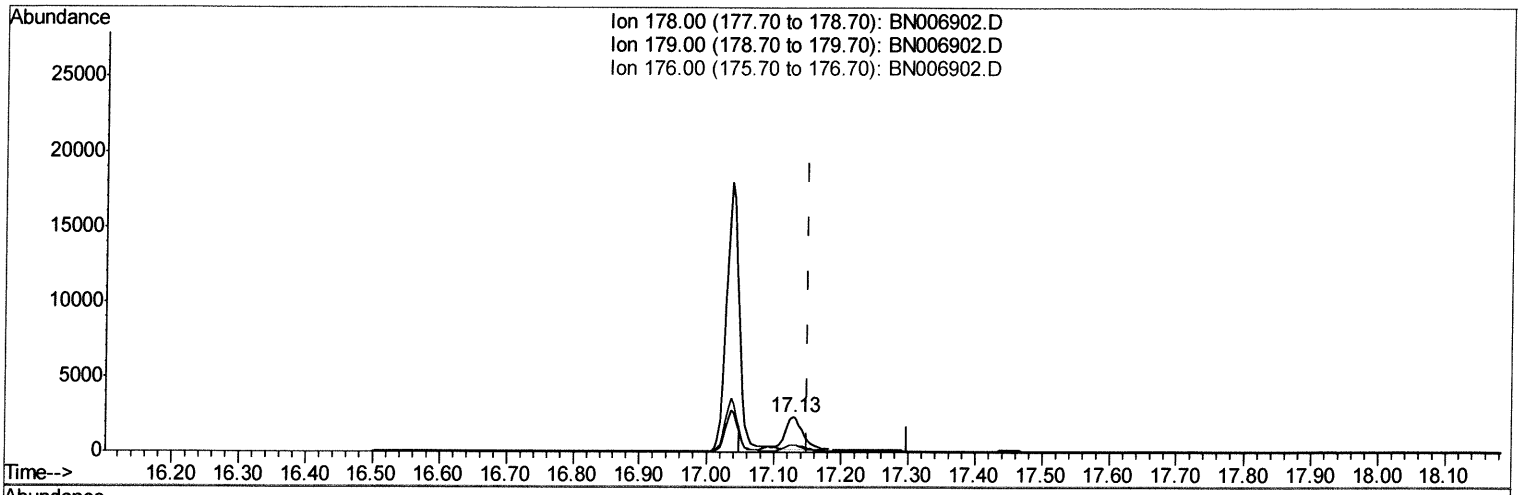
Quantitation Report (Qedit)

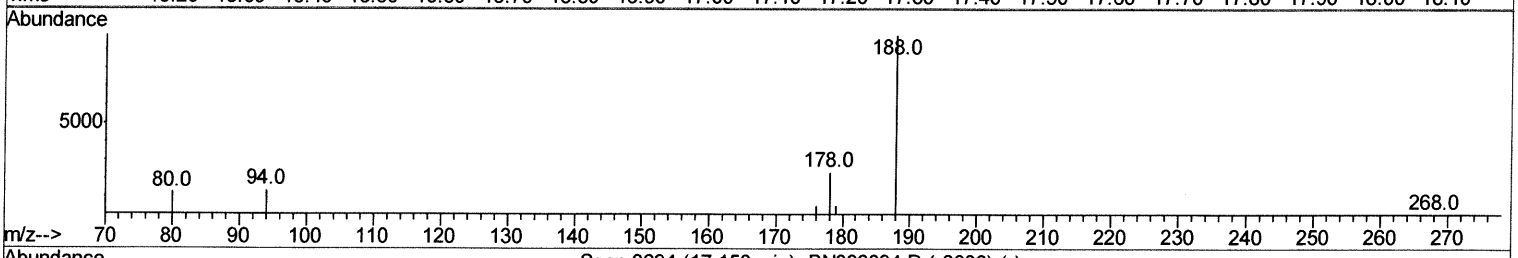
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
Data File : BN006902.D
Acq On : 18 Jul 2019 21:20
Operator : HP/JU
Sample : K3764-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

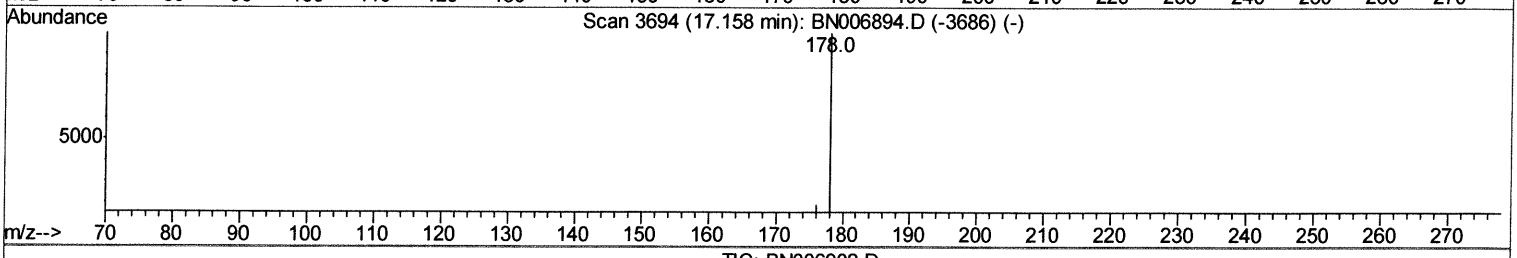
Quant Time: Jul 19 04:20:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A52G6

Manual Integrations APPROVED
mohammad
7/19/2019 3:59:46 PM







TIC: BN006902.D

(13) Anthracene

17.128min (-0.021) 0.12ng/ul m JU 07/19/19

response 4145

Ion	Exp%	Act%
178.00	100	100
179.00	15.90	21.71#
176.00	19.70	21.32
0.00	0.00	0.00

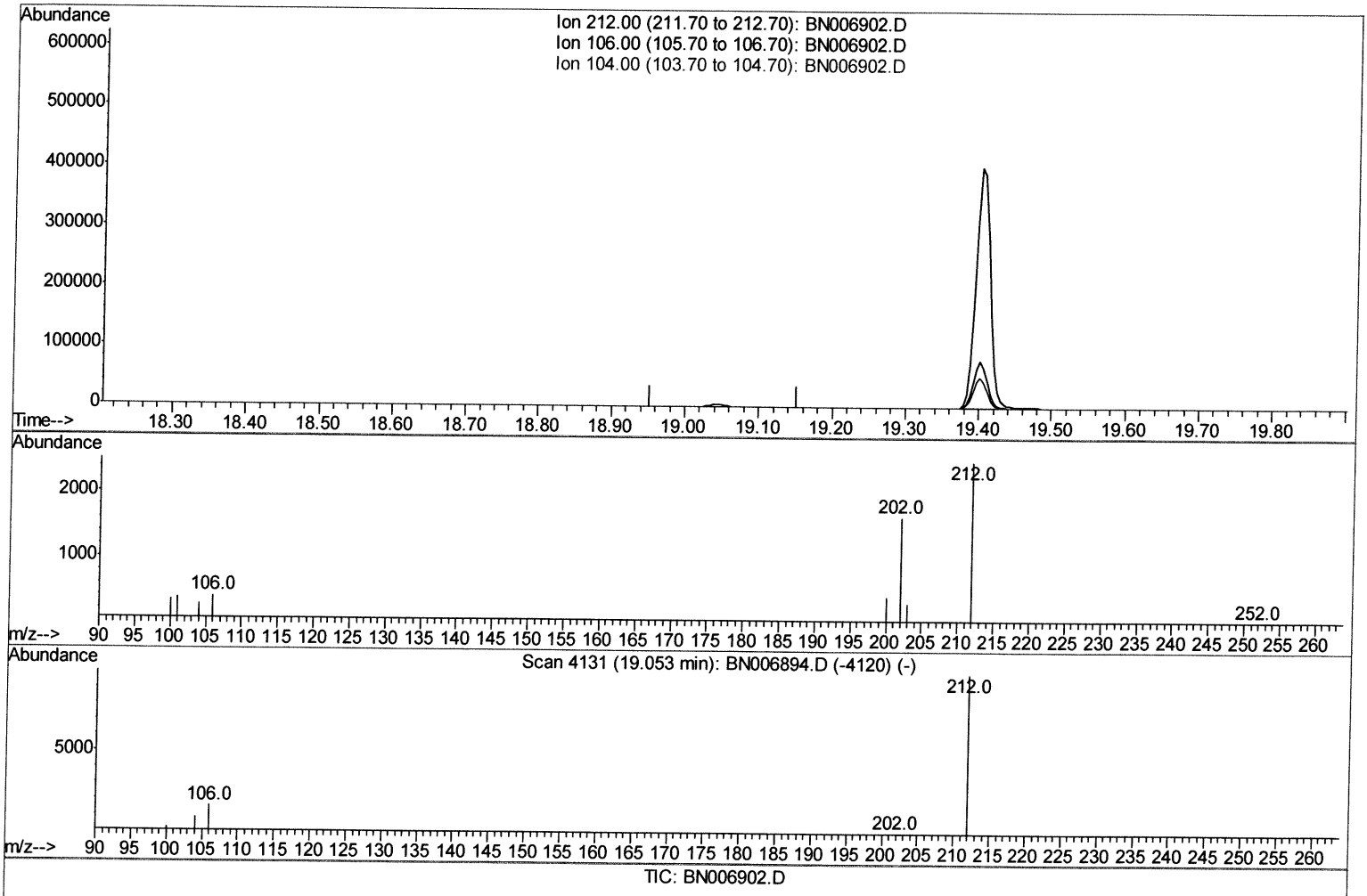
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
Data File : BN006902.D
Acq On : 18 Jul 2019 21:20
Operator : HP/JU
Sample : K3764-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 19 04:20:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A52G6

Manual Integrations APPROVED
mohammad
7/19/2019 3:59:46 PM



(14) Fluoranthene-d10 (SURR)

19.053min (-19.053) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	17.80	0.00#
104.00	9.70	0.00#
0.00	0.00	0.00

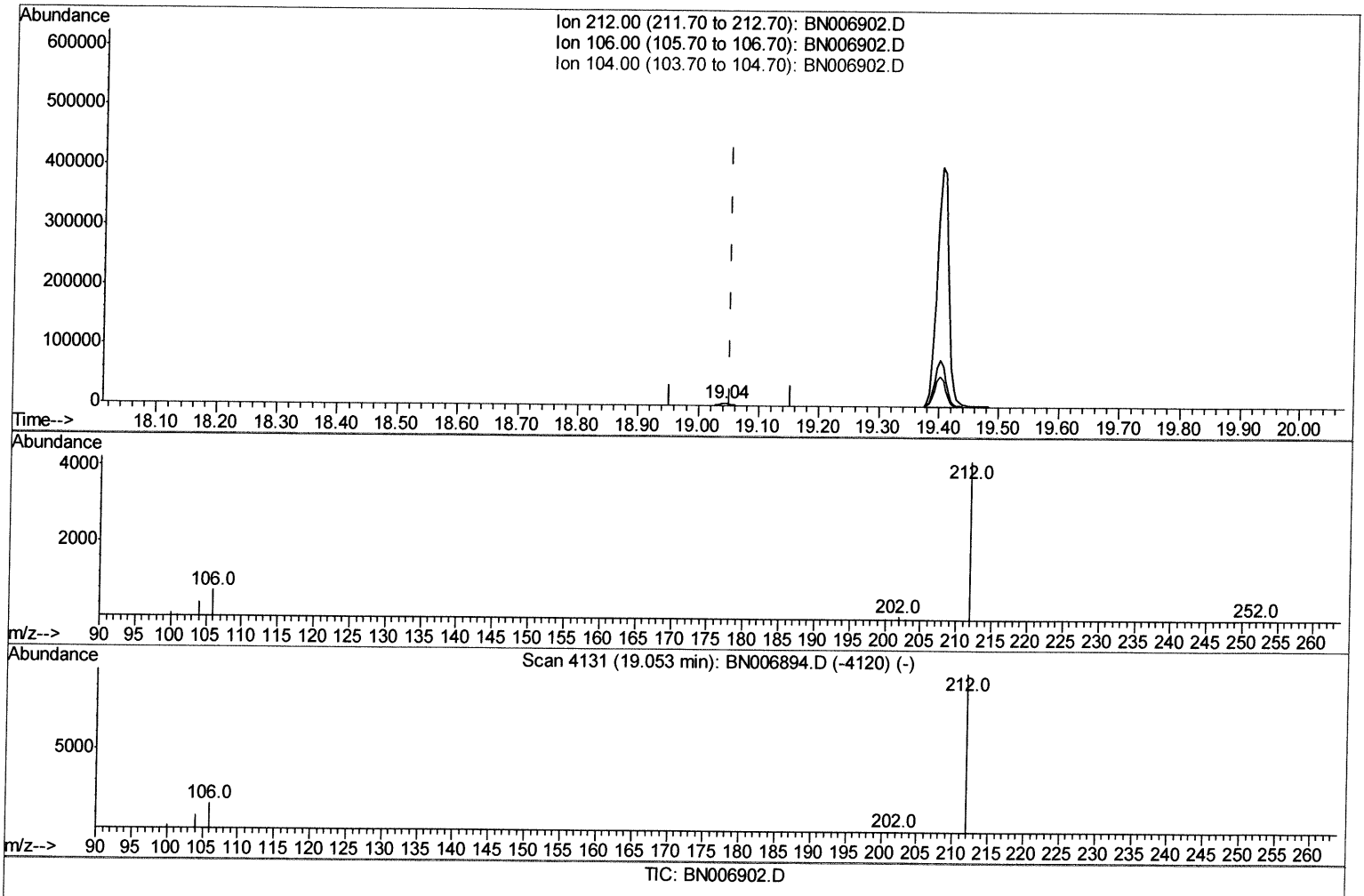
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
Data File : BN006902.D
Acq On : 18 Jul 2019 21:20
Operator : HP/JU
Sample : K3764-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 19 04:20:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A52G6

Manual Integrations APPROVED
mohammad
7/19/2019 3:59:46 PM



TIC: BN006902.D

(14) Fluoranthene-d10 (SURR)

19.044min (-0.009) 0.16ng/ul m JU 07/19/19

response 5562

Ion	Exp%	Act%
212.00	100	100
106.00	17.80	0.00#
104.00	9.70	0.00#
0.00	0.00	0.00

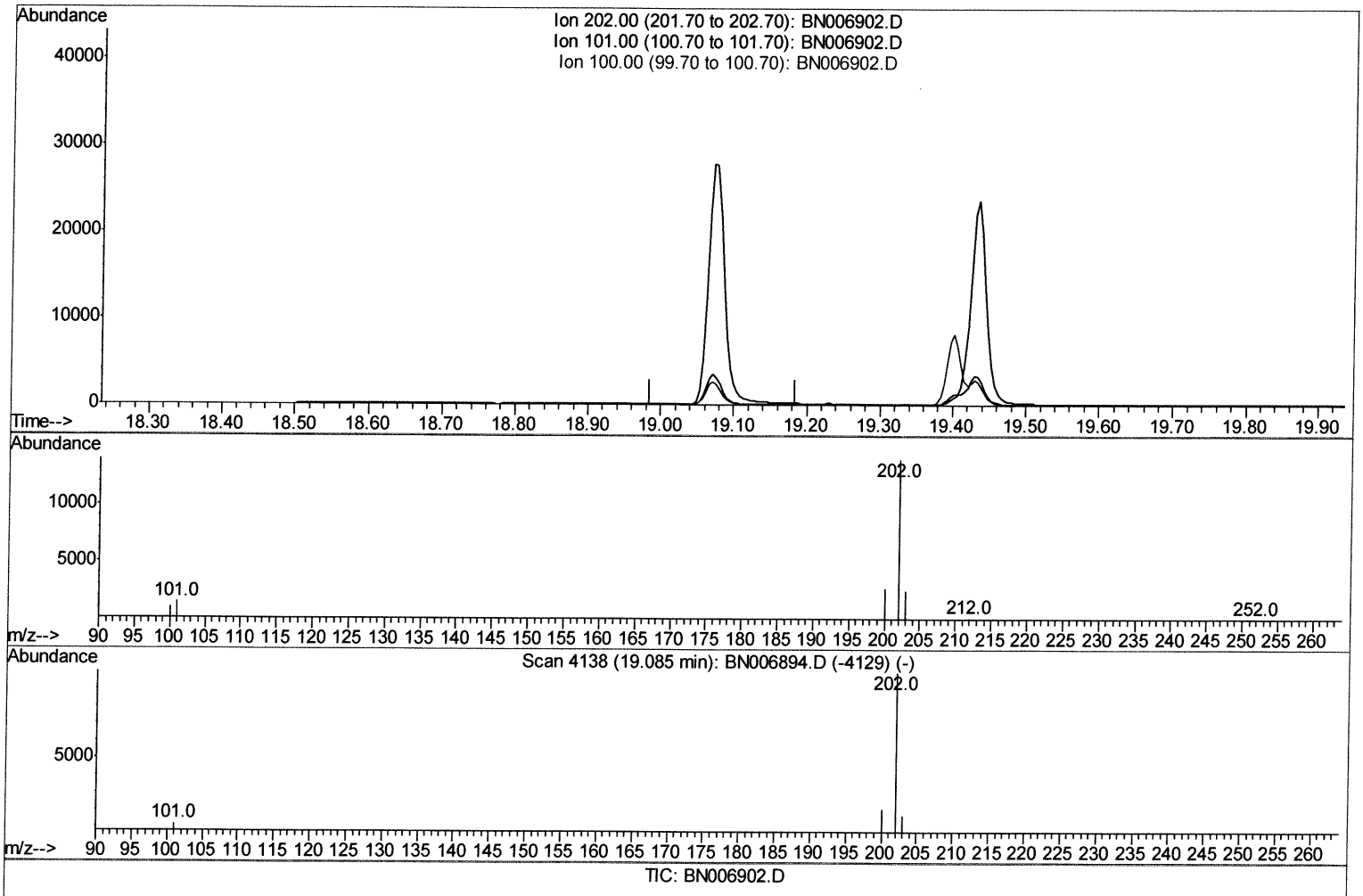
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
Data File : BN006902.D
Acq On : 18 Jul 2019 21:20
Operator : HP/JU
Sample : K3764-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 19 04:20:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A52G6

Manual Integrations APPROVED
mohammad
7/19/2019 3:59:46 PM



(15) Fluoranthene (C)

19.086min (-19.086) 0.00ng/ul

response 0

Ion	Exp%	Act%
202.00	100	0.00
101.00	13.20	0.00
100.00	9.90	0.00
0.00	0.00	0.00

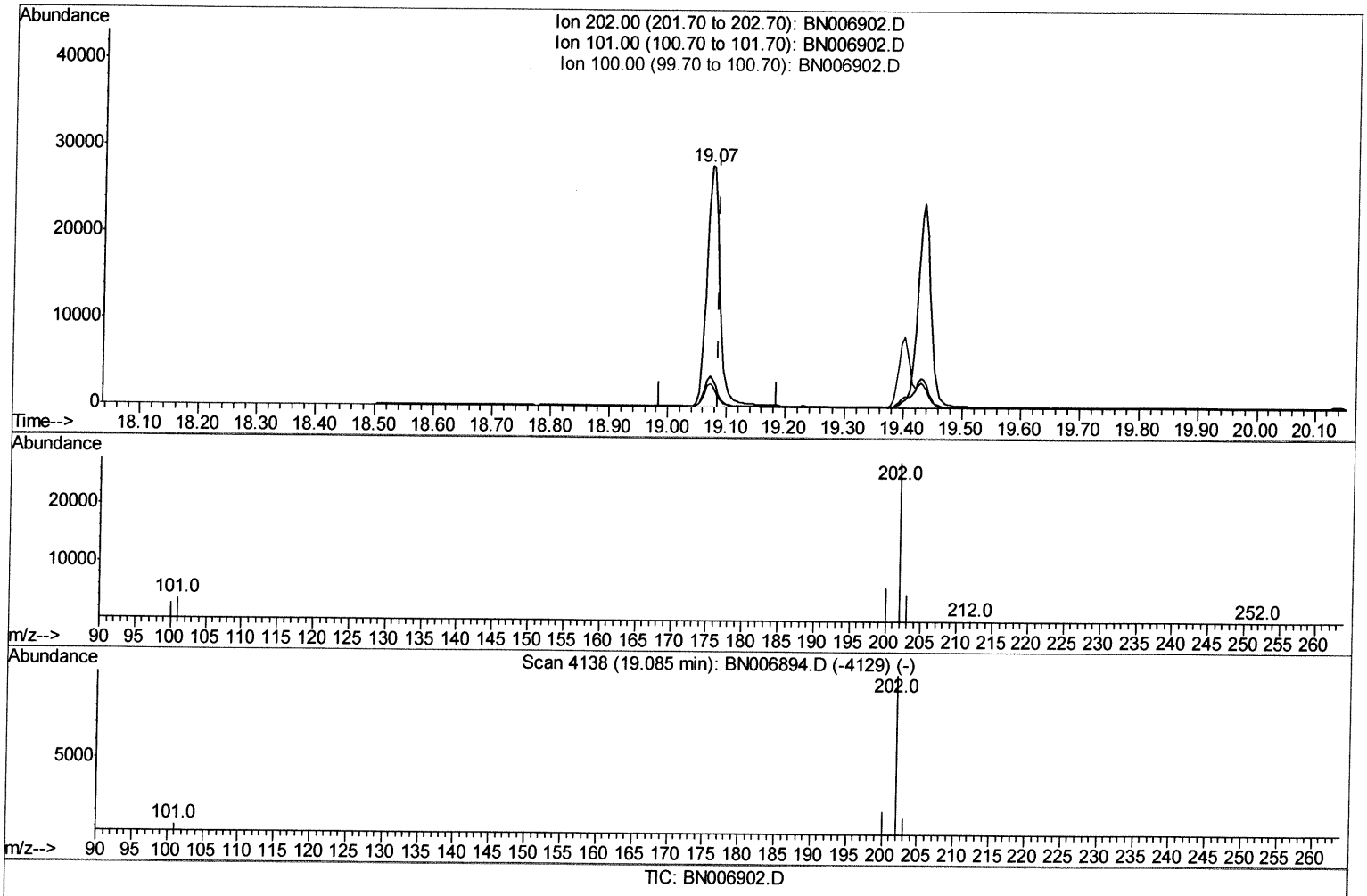
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
Data File : BN006902.D
Acq On : 18 Jul 2019 21:20
Operator : HP/JU
Sample : K3764-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 19 04:20:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A52G6

Manual Integrations APPROVED
mohammad
7/19/2019 3:59:46 PM



TIC: BN006902.D

(15) Fluoranthene (C)

19.072min (-0.014) 0.89ng/ul m JU 07/19/19

response 42712

Ion	Exp%	Act%
202.00	100	100
101.00	13.20	12.59
100.00	9.90	9.64
0.00	0.00	0.00

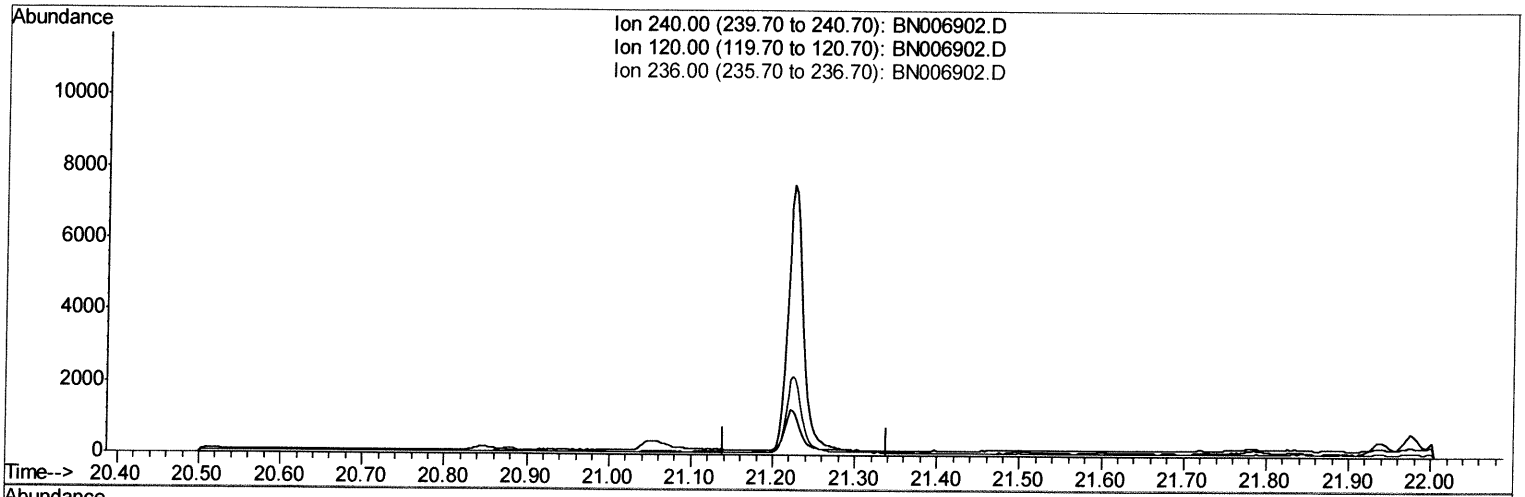
Quantitation Report (Qedit)

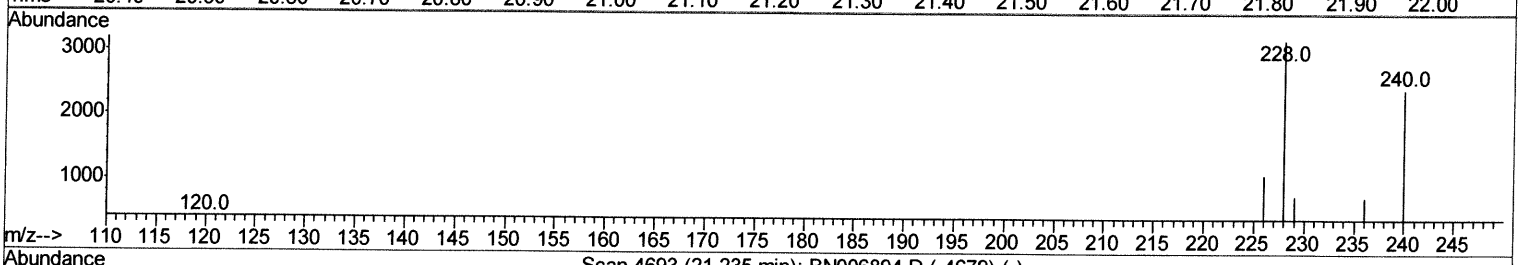
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
Data File : BN006902.D
Acq On : 18 Jul 2019 21:20
Operator : HP/JU
Sample : K3764-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

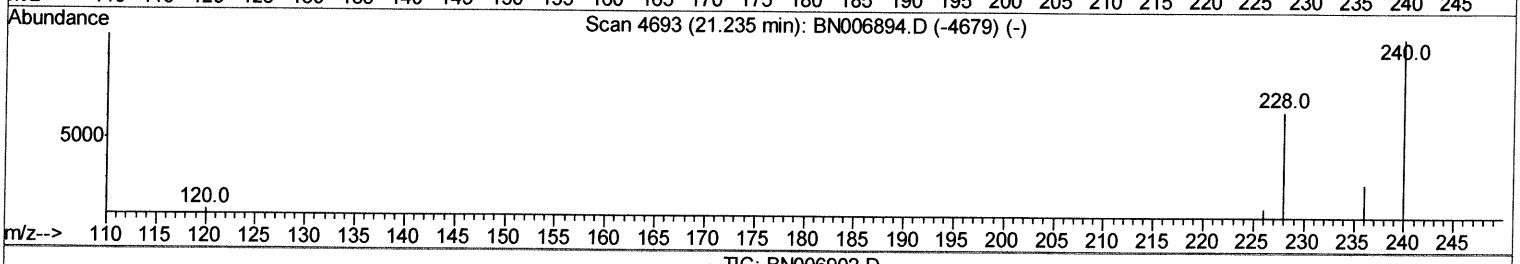
Quant Time: Jul 19 04:20:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A52G6

Manual Integrations APPROVED
mohammad
7/19/2019 3:59:46 PM







TIC: BN006902.D

(16) Chrysene-d12 (I)

21.239min (-21.239) 0.00ng/ul

response 0

Ion	Exp%	Act%
240.00	100	0.00
120.00	20.20	0.00#
236.00	30.00	0.00#
0.00	0.00	0.00

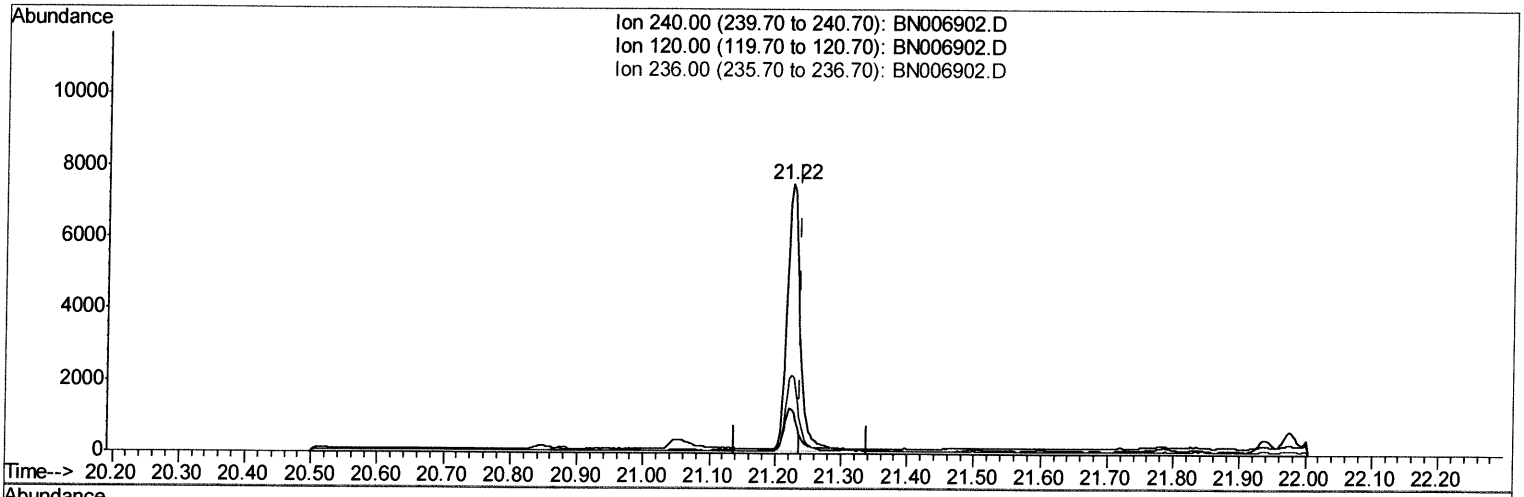
Quantitation Report (Qedit)

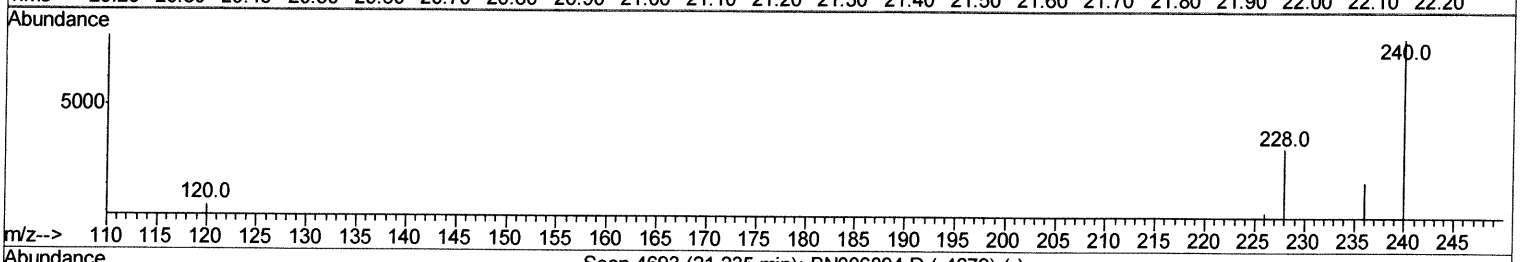
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
Data File : BN006902.D
Acq On : 18 Jul 2019 21:20
Operator : HP/JU
Sample : K3764-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

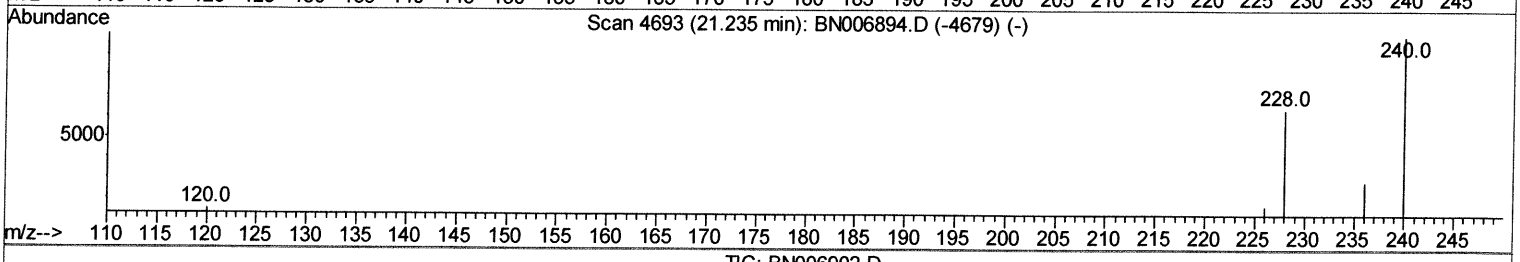
Quant Time: Jul 19 04:20:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A52G6

Manual Integrations APPROVED
mohammad
7/19/2019 3:59:46 PM







TIC: BN006902.D

(16) Chrysene-d12 (I)

21.224min (-0.015) 0.40ng/ul m JU 07/19/19

response 10323

Ion	Exp%	Act%
240.00	100	100
120.00	20.20	16.52
236.00	30.00	29.13
0.00	0.00	0.00

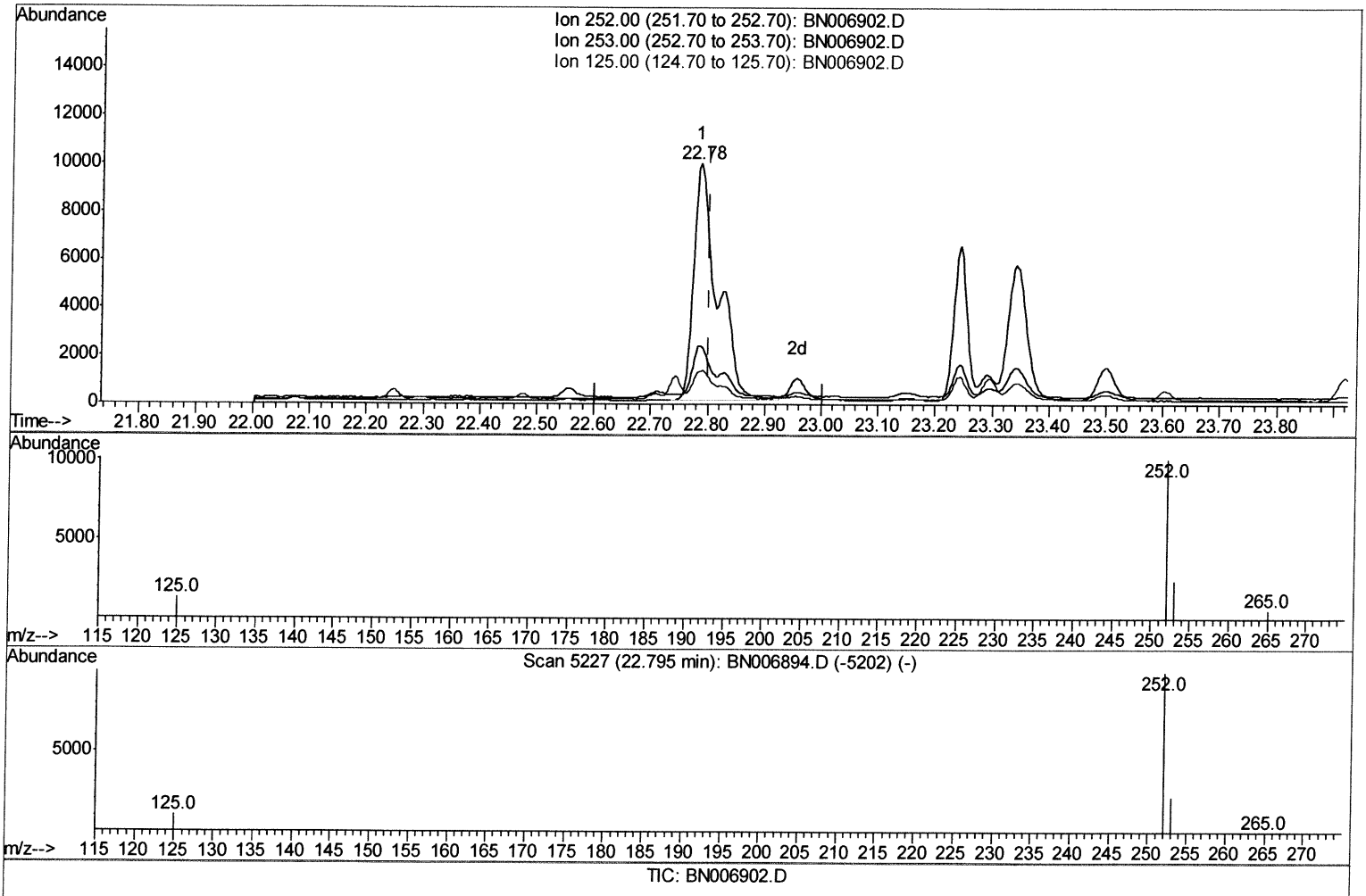
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
Data File : BN006902.D
Acq On : 18 Jul 2019 21:20
Operator : HP/JU
Sample : K3764-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 19 04:22:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A52G6

Manual Integrations APPROVED
mohammad
7/19/2019 3:59:46 PM



TIC: BN006902.D

(21) Benzo(b)fluoranthene

22.785min (-0.017) 0.52ng/ul

response 28793

Ion	Exp%	Act%
252.00	100	100
253.00	23.90	24.30
125.00	14.60	13.55
0.00	0.00	0.00

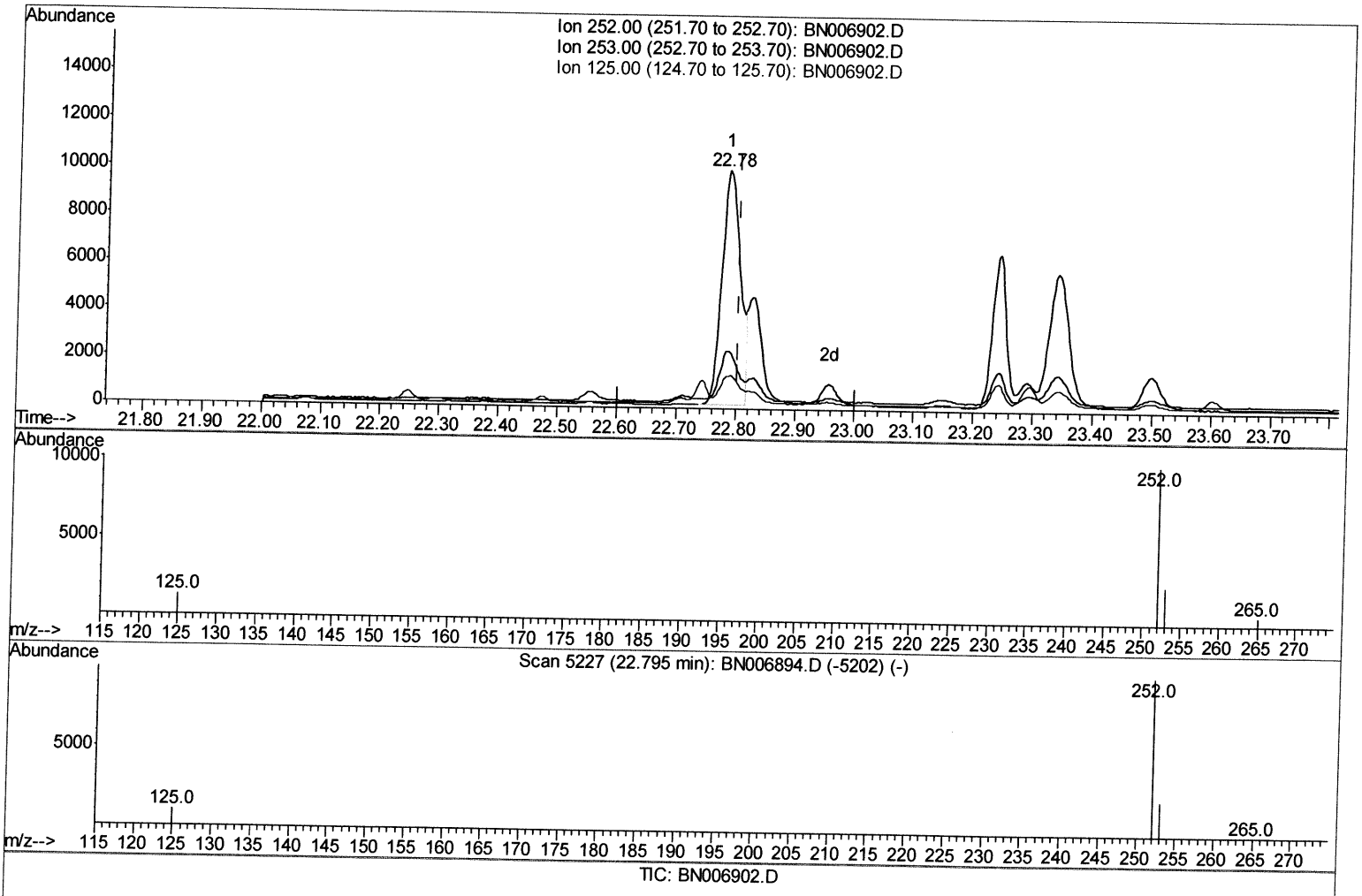
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
Data File : BN006902.D
Acq On : 18 Jul 2019 21:20
Operator : HP/JU
Sample : K3764-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 19 04:22:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A52G6

Manual Integrations APPROVED
mohammad
7/19/2019 3:59:46 PM



(21) Benzo(b)fluoranthene JU 07/19/19

22.785min (-0.017) 0.38ng/ul m

response 21326

Ion	Exp%	Act%
252.00	100	100
253.00	23.90	24.30
125.00	14.60	13.55
0.00	0.00	0.00

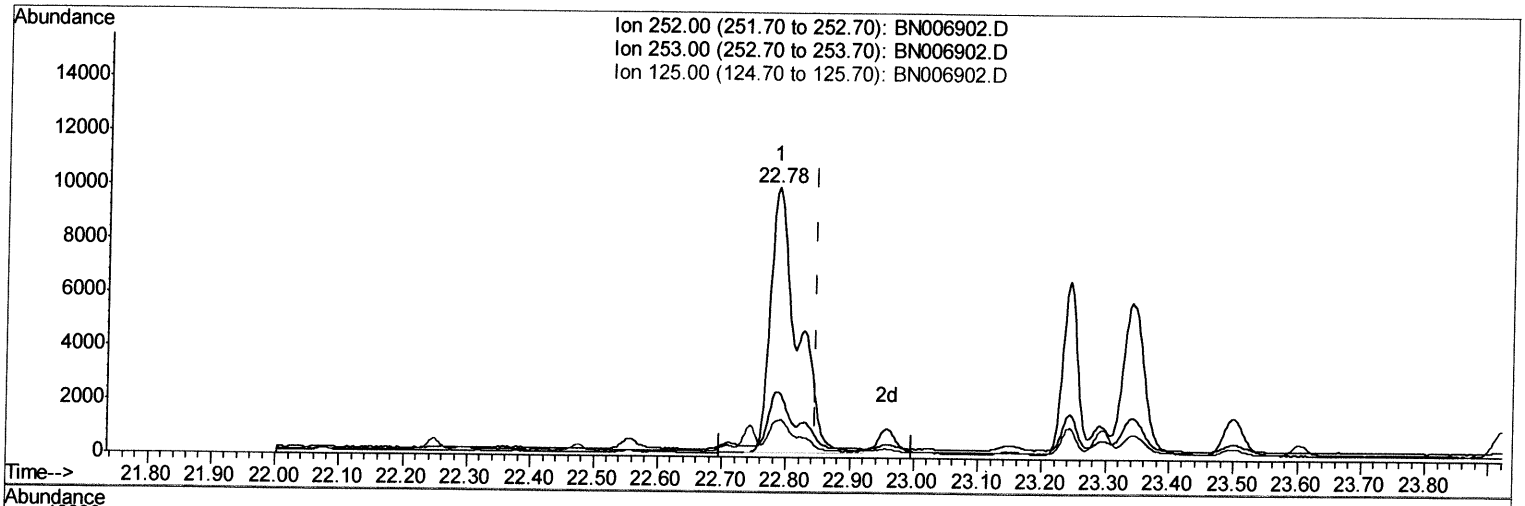
Quantitation Report (Qedit)

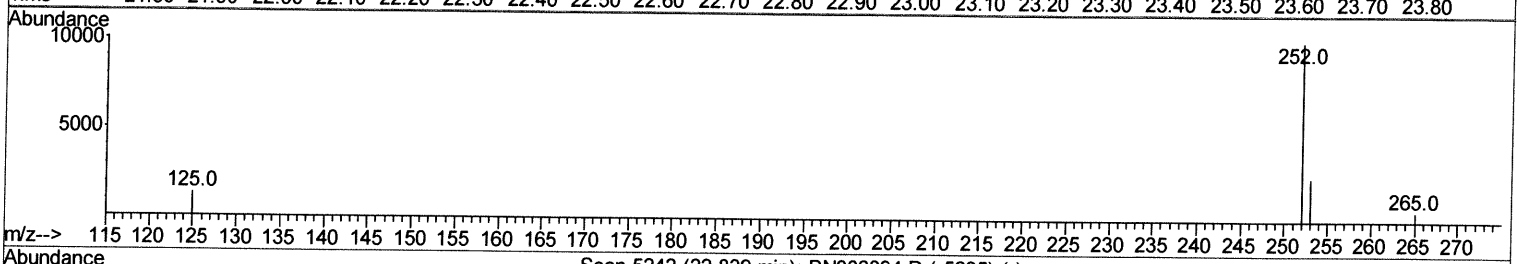
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
Data File : BN006902.D
Acq On : 18 Jul 2019 21:20
Operator : HP/JU
Sample : K3764-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

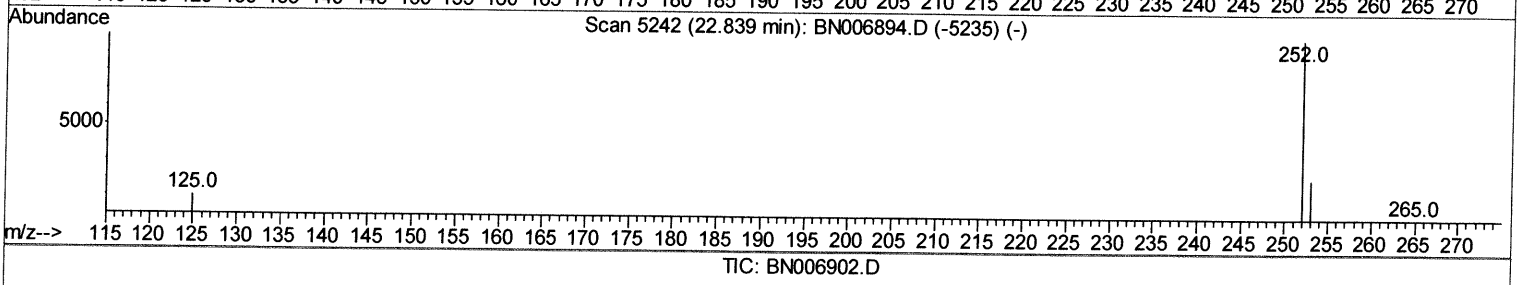
Quant Time: Jul 19 04:22:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A52G6

Manual Integrations APPROVED
mohammad
7/19/2019 3:59:46 PM







TIC: BN006902.D

(22) Benzo(k)fluoranthene

22.785min (-0.061) 0.50ng/ul

response 28780

Ion	Exp%	Act%
252.00	100	100
253.00	24.00	24.30
125.00	13.80	13.55
0.00	0.00	0.00

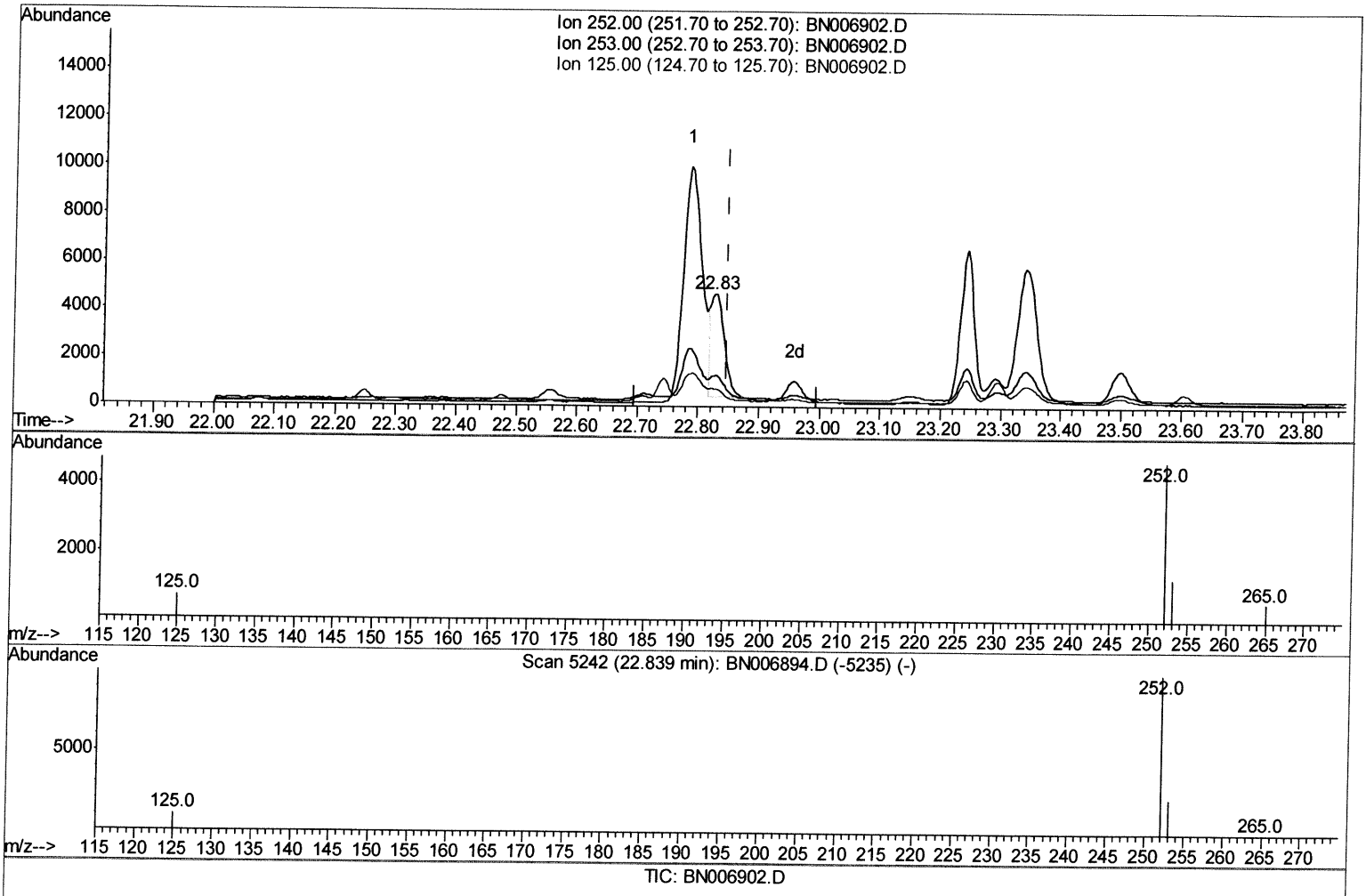
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
Data File : BN006902.D
Acq On : 18 Jul 2019 21:20
Operator : HP/JU
Sample : K3764-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 19 04:22:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A52G6

Manual Integrations APPROVED
mohammad
7/19/2019 3:59:46 PM



TIC: BN006902.D

(22) Benzo(k)fluoranthene

22.826min (-0.020) 0.11ng/ul m JU 07/19/19

response 6527

Ion	Exp%	Act%
252.00	100	100
253.00	24.00	27.49
125.00	13.80	15.77
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
Data File : BN006902.D
Acq On : 18 Jul 2019 21:20
Operator : HP/JU
Sample : K3764-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A52G6

Manual Integrations APPROVED
mohammad
7/19/2019 3:59:46 PM

Quant Time: Jul 19 04:24:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	3004	0.40 ng/ul	0.00
2) Naphthalene-d8	10.35	136	11052	0.40 ng/ul	-0.01
6) Acenaphthene-d10	14.24	164	5595	0.40 ng/ul	0.00
10) Phenanthrene-d10	17.00	188	11999m >	0.40 ng/ul	-0.01
16) Chrysene-d12	21.22	240	10323m >	0.40 ng/ul	-0.01
20) Perylene-d12	23.45	264	13526	0.40 ng/ul	-0.02
System Monitoring Compounds					
4) 2-Methylnaphthalene-d10	11.98	152	2078	0.12 ng/ul	0.01
14) Fluoranthene-d10	19.04	212	5562m >	0.16 ng/ul	0.00
Target Compounds					Qvalue
8) Acenaphthene	14.30	153	1231	0.055 ng/ul	98
9) Fluorene	15.30	166	1493	0.061 ng/ul#	98
12) Phenanthrene	17.04	178	24484	0.634 ng/ul	99
13) Anthracene	17.13	178	4145m >	0.124 ng/ul	
15) Fluoranthene	19.07	202	42712m >	0.895 ng/ul	
17) Pyrene	19.43	202	36719	0.778 ng/ul	97
18) Benzo(a)anthracene	21.21	228	14061	0.332 ng/ul	97
19) Chrysene	21.26	228	15978	0.338 ng/ul	98
21) Benzo(b)fluoranthene	22.78	252	21326m >	0.385 ng/ul	
22) Benzo(k)fluoranthene	22.83	252	6527m >	0.113 ng/ul	
23) Benzo(a)pyrene	23.34	252	12947	0.238 ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.68	276	9261	0.168 ng/ul#	87
25) Dibenzo(a,h)anthracene	25.68	278	1960	0.045 ng/ul#	74
26) Benzo(g,h,i)perylene	26.36	276	9334	0.203 ng/ul	96

JU 07/19/19

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