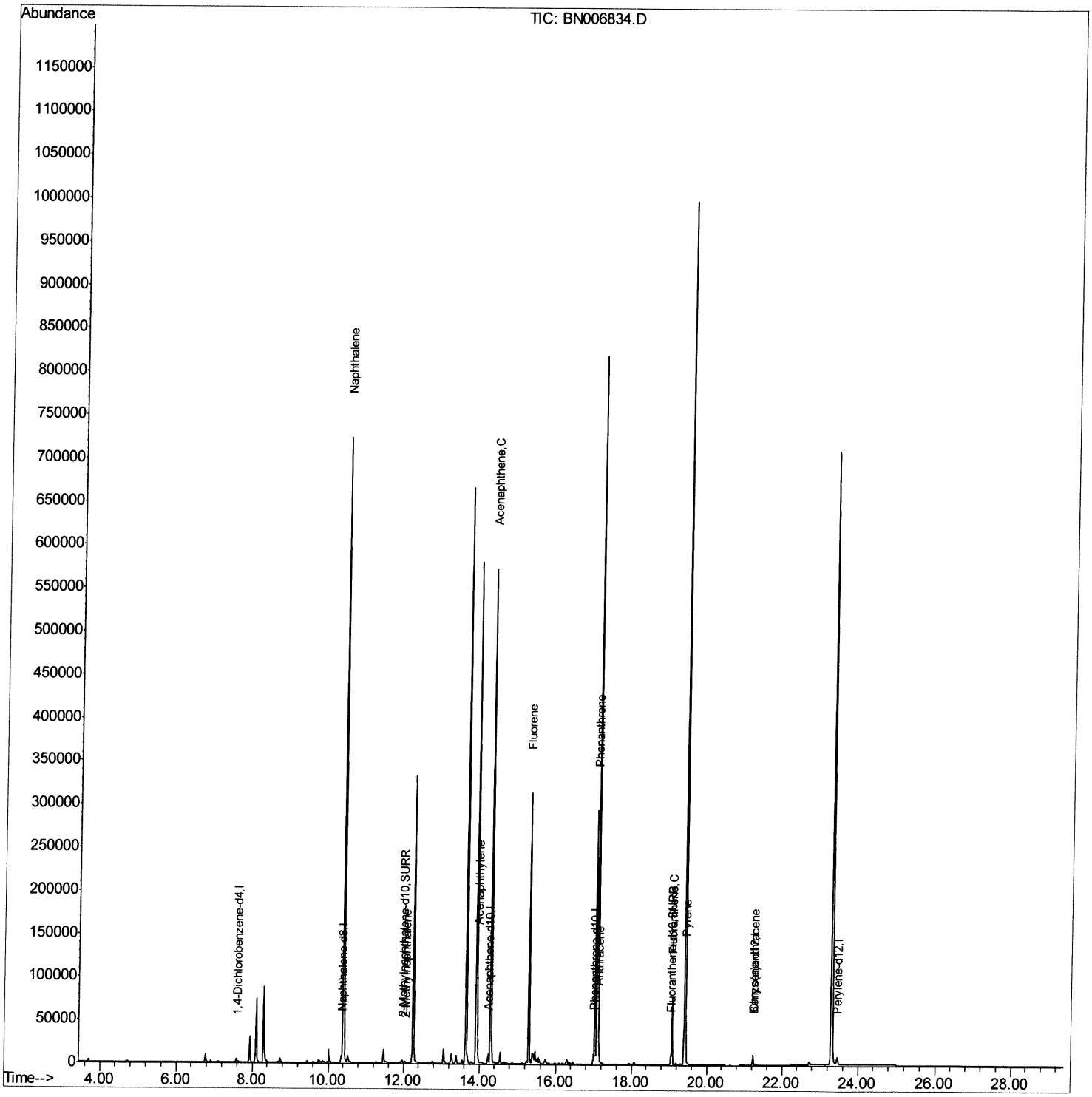
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071119\
Data File : BN006834.D
Acq On : 12 Jul 2019 15:10
Operator : HP/JU
Sample : K3717-16
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Jul 12 15:47:55 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 :
BF4A1

Manual Integrations APPROVED
mohammad
7/12/2019 10:28:48 PM



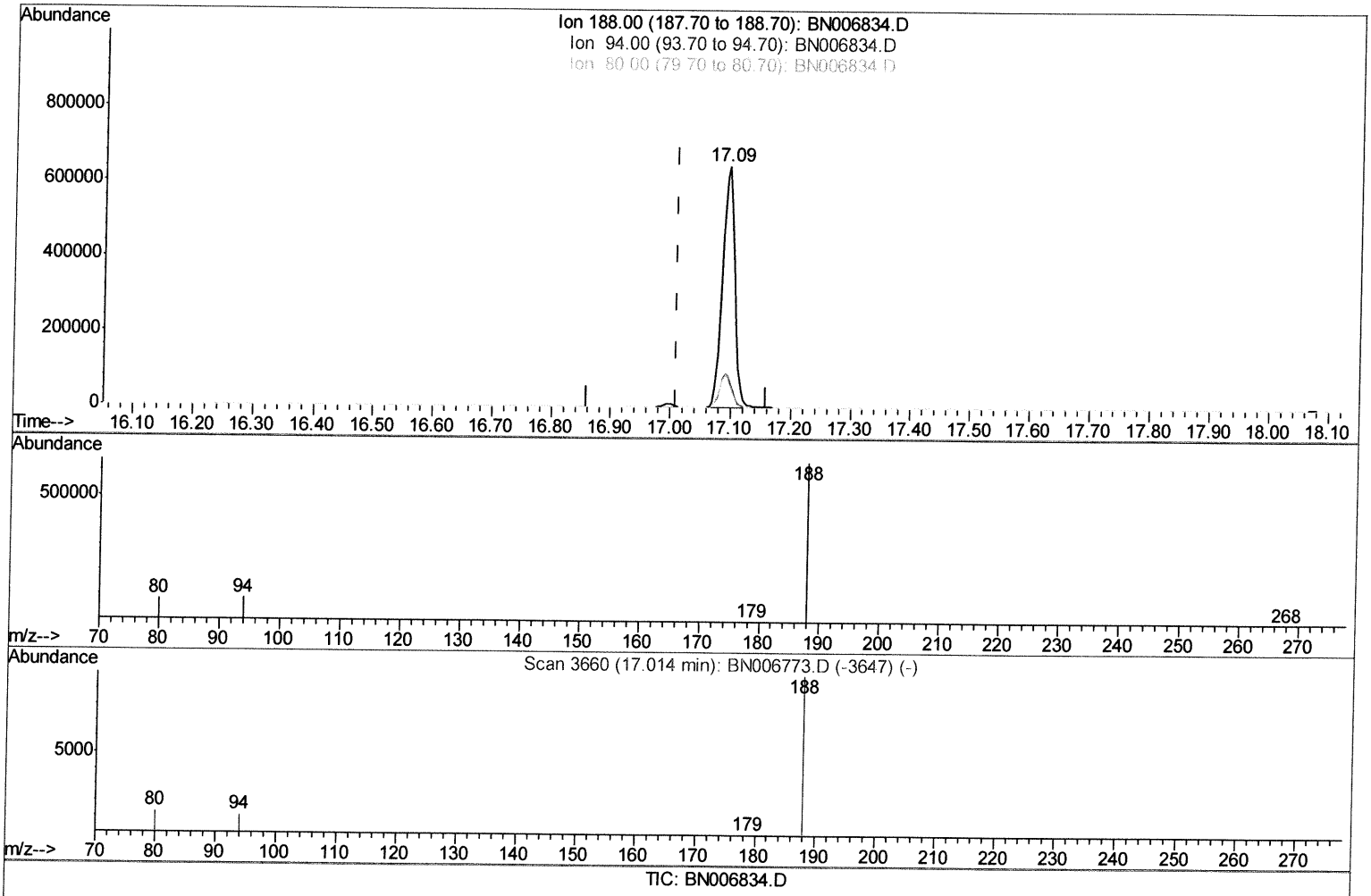
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071119\
Data File : BN006834.D
Acq On : 12 Jul 2019 15:10
Operator : HP/JU
Sample : K3717-16
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Jul 12 15:44:36 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 :
BF4A1

Manual Integrations APPROVED
mohammad
7/12/2019 10:28:48 PM



TIC: BN006834.D

(10) Phenanthrene-d10 (I)

17.094min (+0.084) 0.40ng/ul

response 904086

Ion	Exp%	Act%
188.00	100	100
94.00	13.70	13.70
80.00	14.80	12.86
0.00	0.00	0.00

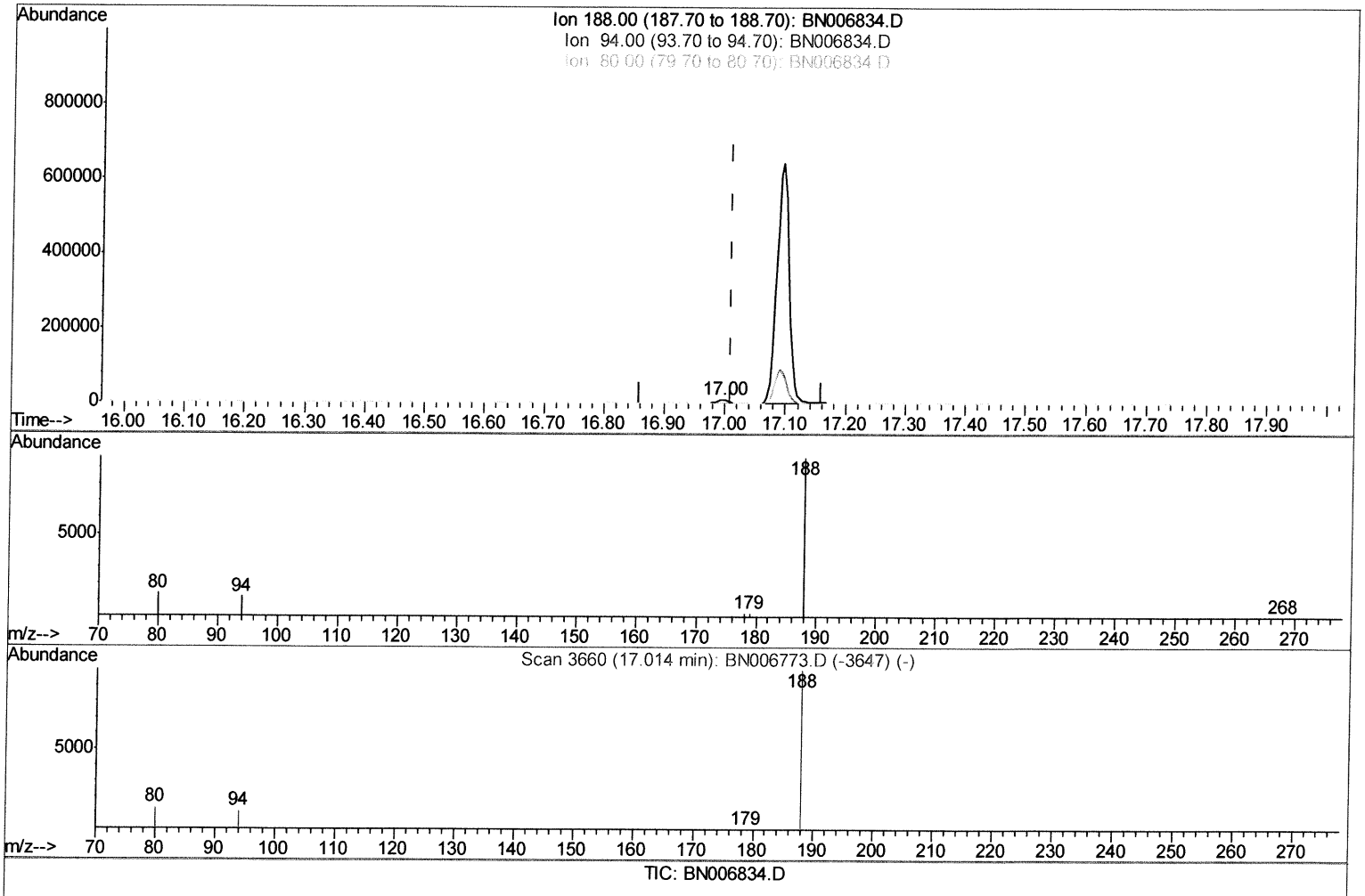
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071119\
Data File : BN006834.D
Acq On : 12 Jul 2019 15:10
Operator : HP/JU
Sample : K3717-16
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Jul 12 15:44:36 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 :
BF4A1

Manual Integrations APPROVED
mohammad
7/12/2019 10:28:48 PM



(10) Phenanthrene-d10 (I)

16.997min (-0.013) 0.40ng/ul m JU 07/16/19

response 13123

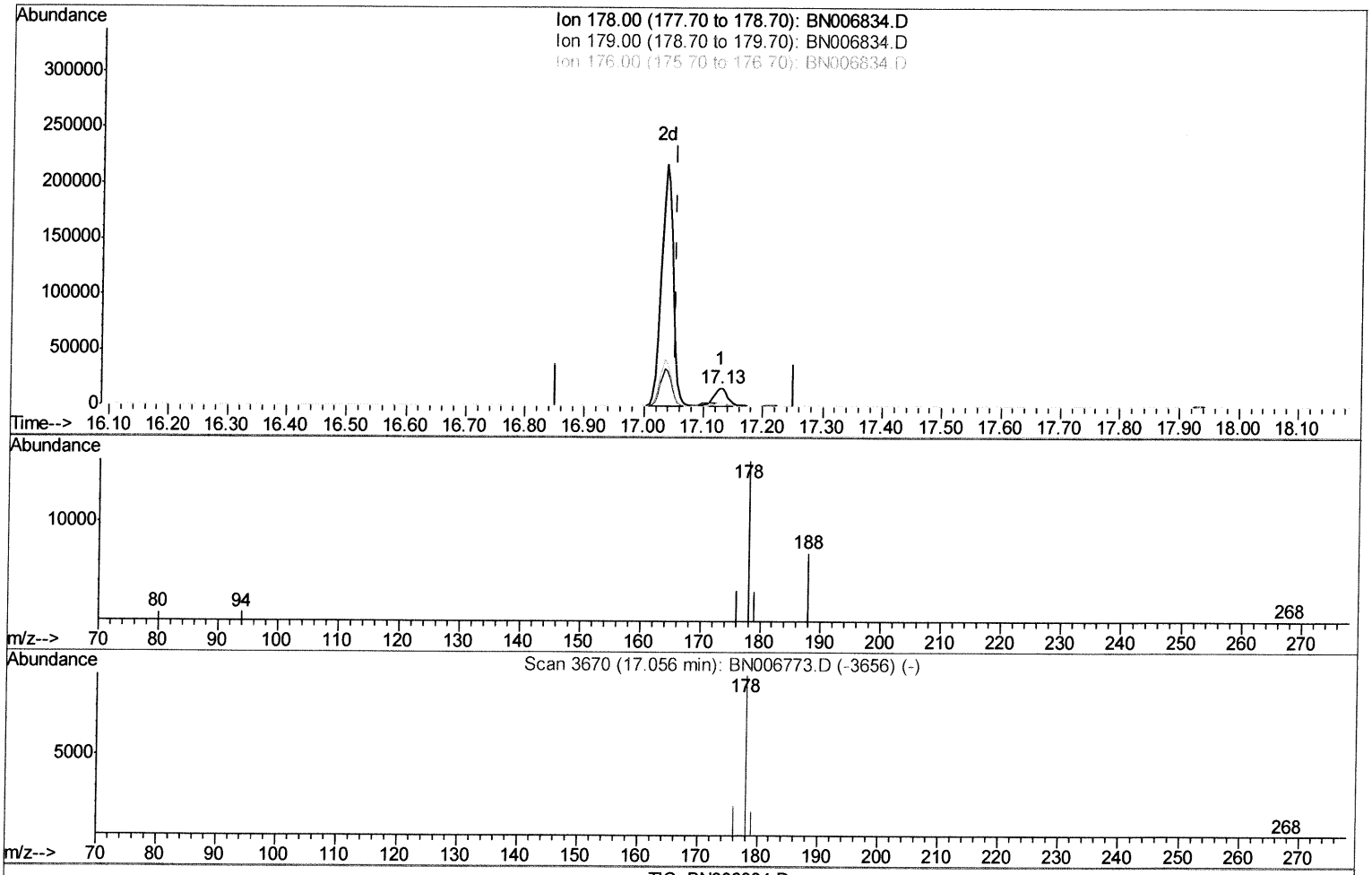
Ion	Exp%	Act%
188.00	100	100
94.00	13.70	12.51
80.00	14.80	14.55
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071119\
Data File : BN006834.D
Acq On : 12 Jul 2019 15:10
Operator : HP/JU
Sample : K3717-16
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Jul 12 15:45:12 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 :
BF4A1

Manual Integrations APPROVED
mohammad
7/12/2019 10:28:48 PM



TIC: BN006834.D

(12) Phenanthrene

17.128min (+0.076) 0.61ng/ul

response 25699

Ion	Exp%	Act%
178.00	100	100
179.00	15.80	18.57
176.00	19.80	19.19
0.00	0.00	0.00

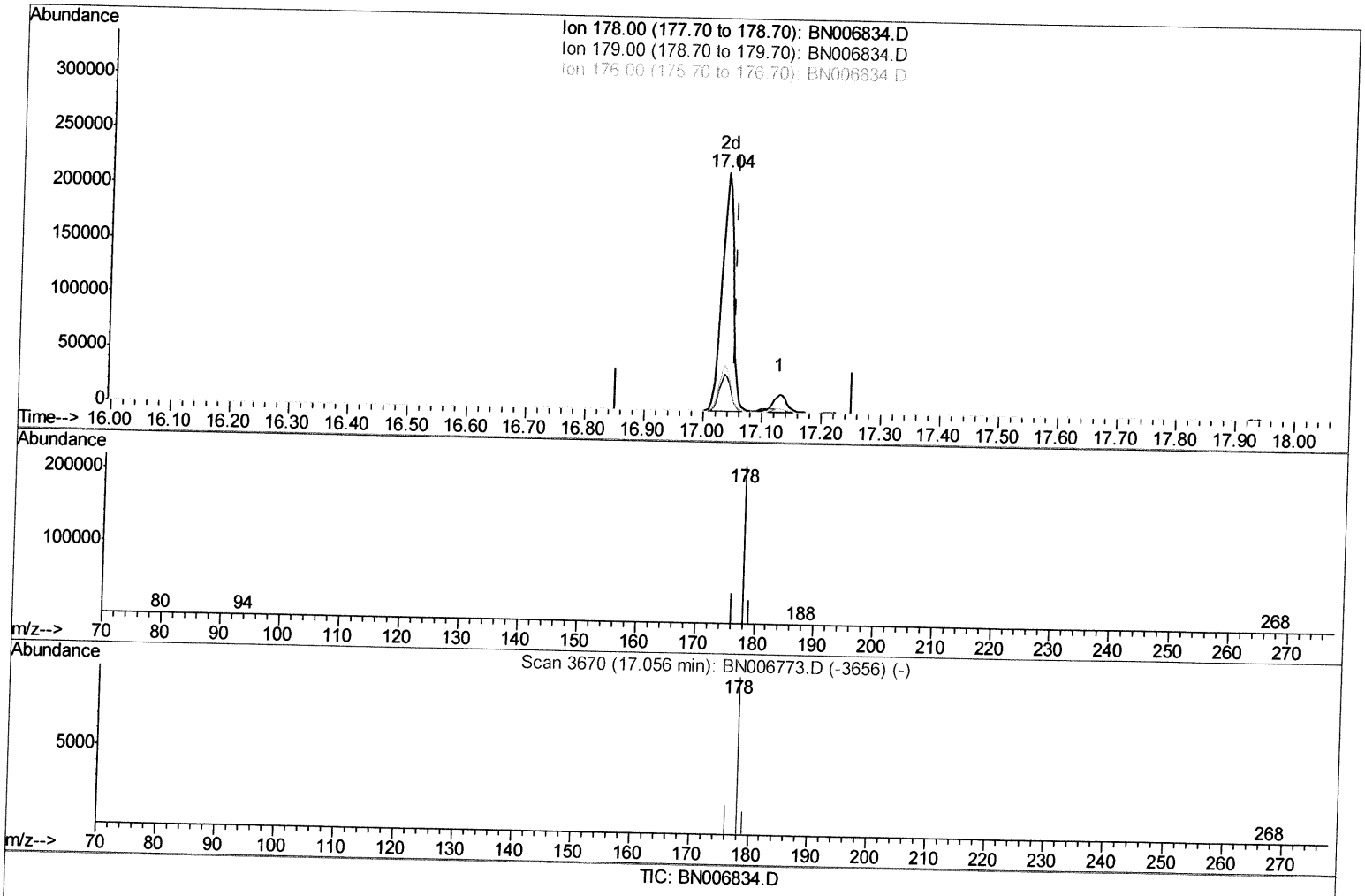
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071119\
Data File : BN006834.D
Acq On : 12 Jul 2019 15:10
Operator : HP/JU
Sample : K3717-16
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Jul 12 15:45:12 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 :
BF4A1

Manual Integrations APPROVED
mohammad
7/12/2019 10:28:48 PM



(12) Phenanthrene

17.035min (-0.017) 6.95ng/ul m JU 07/16/19

response 293298

Ion	Exp%	Act%
178.00	100	100
179.00	15.80	15.45
176.00	19.80	19.54
0.00	0.00	0.00

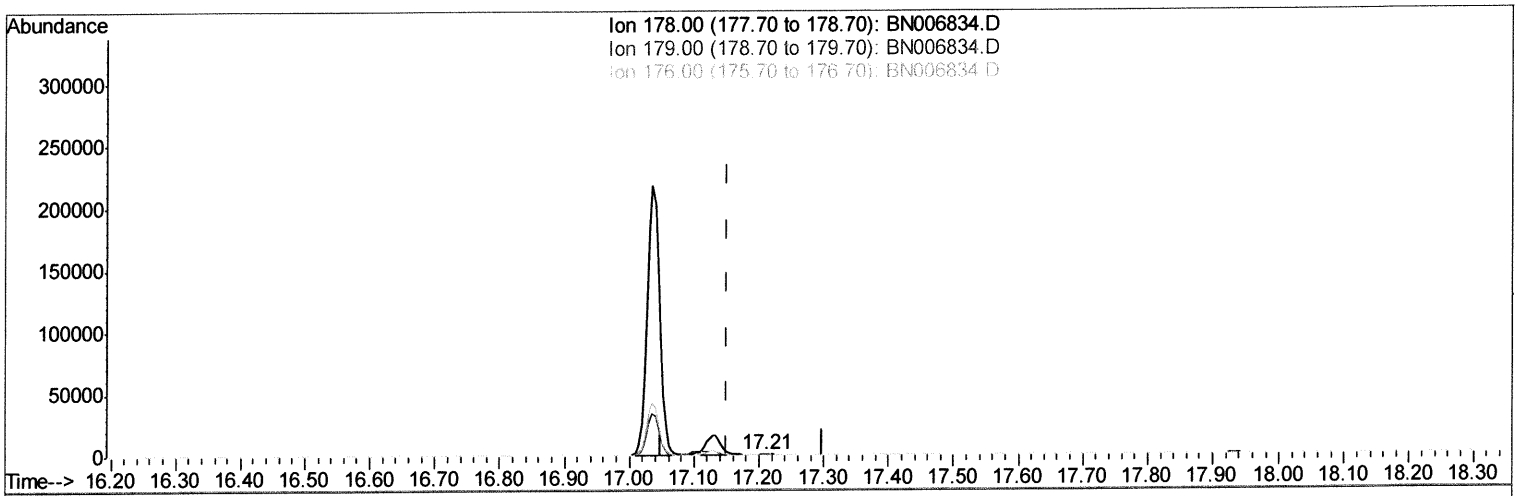
Quantitation Report (Qedit)

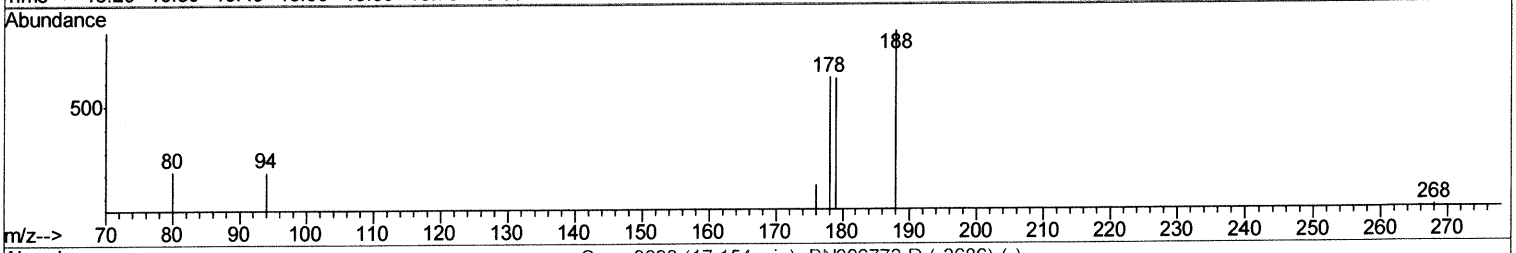
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071119\
Data File : BN006834.D
Acq On : 12 Jul 2019 15:10
Operator : HP/JU
Sample : K3717-16
Misc :
ALS Vial : 46 Sample Multiplier: 1

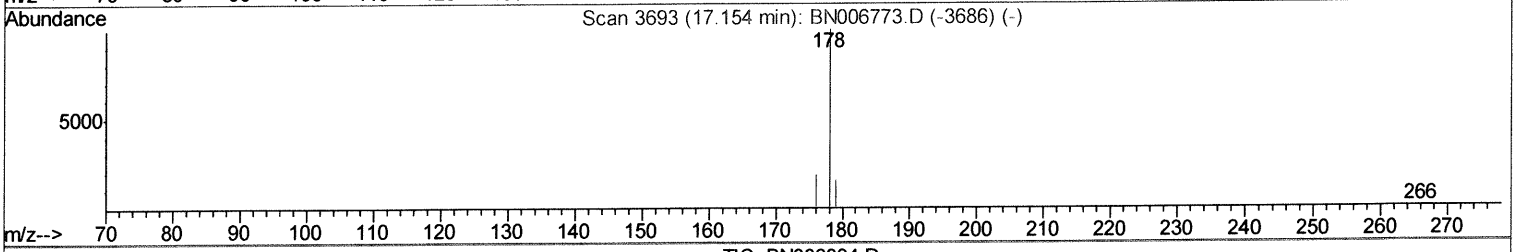
Quant Time: Jul 12 15:45:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BF4A1

Manual Integrations APPROVED
mohammad
7/12/2019 10:28:48 PM







TIC: BN006834.D

(13) Anthracene

17.208min (+0.059) 0.03ng/ul

response 1144

Ion	Exp%	Act%
178.00	100	100
179.00	15.90	99.36#
176.00	19.70	24.64#
0.00	0.00	0.00

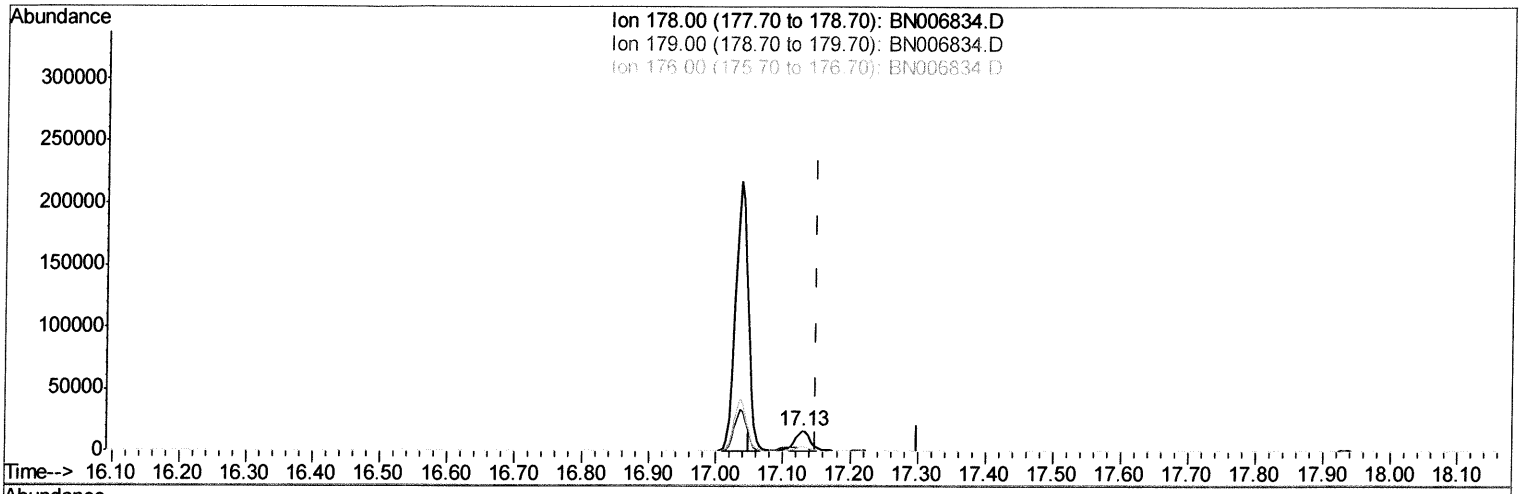
Quantitation Report (Qedit)

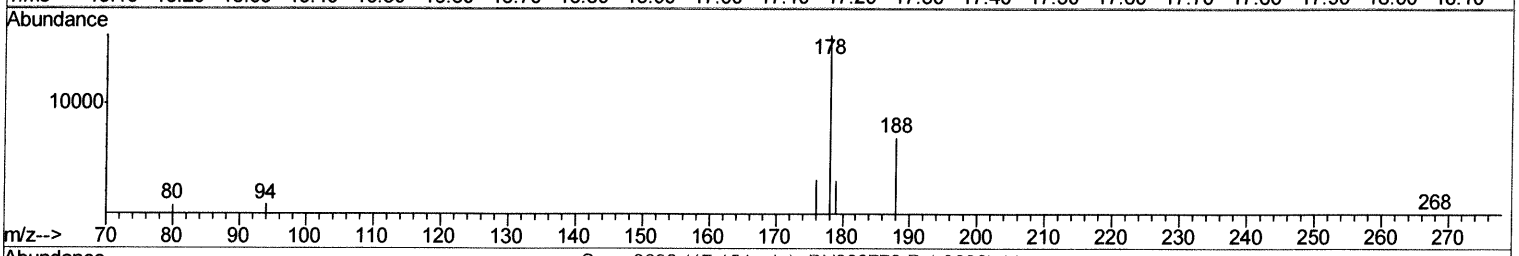
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071119\
Data File : BN006834.D
Acq On : 12 Jul 2019 15:10
Operator : HP/JU
Sample : K3717-16
Misc :
ALS Vial : 46 Sample Multiplier: 1

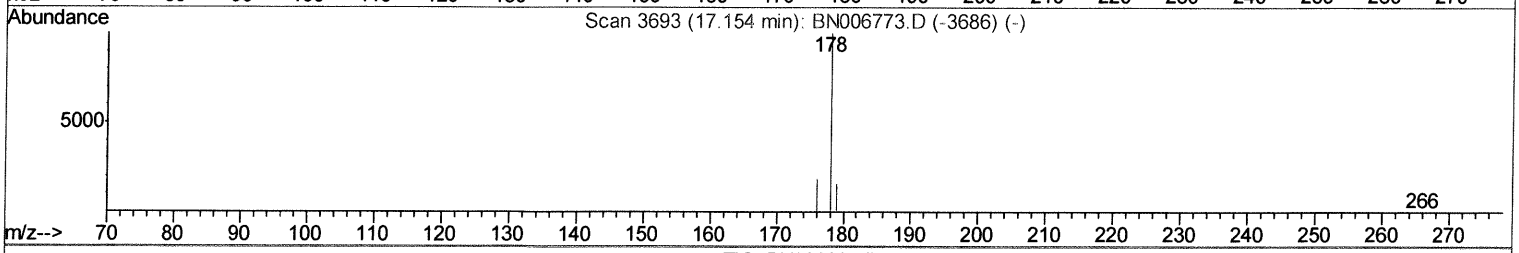
Quant Time: Jul 12 15:45:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BF4A1

Manual Integrations APPROVED
mohammad
7/12/2019 10:28:48 PM







TIC: BN006834.D

(13) Anthracene

17.128min (-0.021) 0.68ng/ul m JU 07/16/19

response 24849

Ion	Exp%	Act%
178.00	100	100
179.00	15.90	18.57
176.00	19.70	19.19
0.00	0.00	0.00

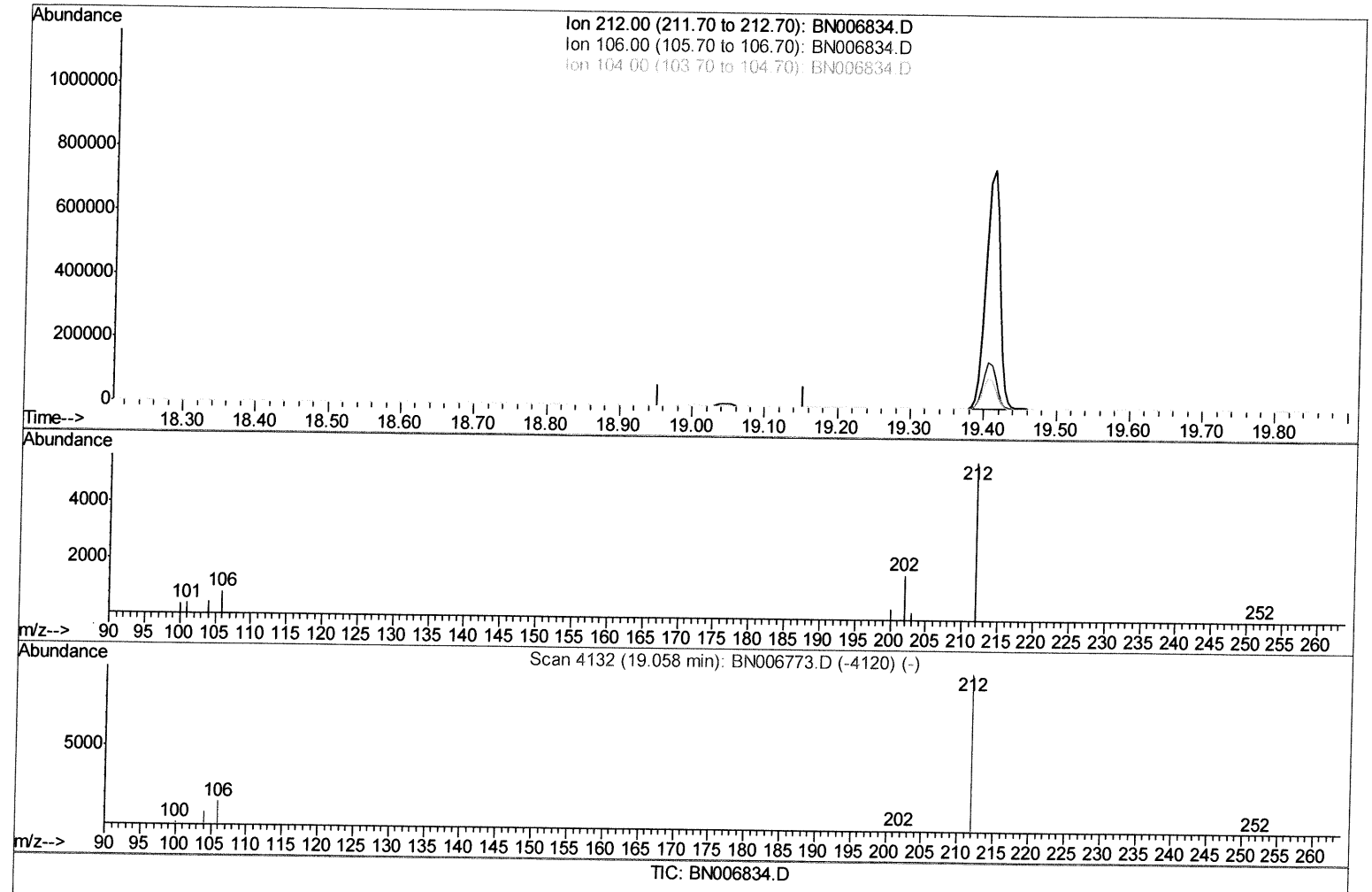
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071119\
Data File : BN006834.D
Acq On : 12 Jul 2019 15:10
Operator : HP/JU
Sample : K3717-16
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Jul 12 15:45:12 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 :
BF4A1

Manual Integrations APPROVED
mohammad
7/12/2019 10:28:48 PM



TIC: BN006834.D

(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

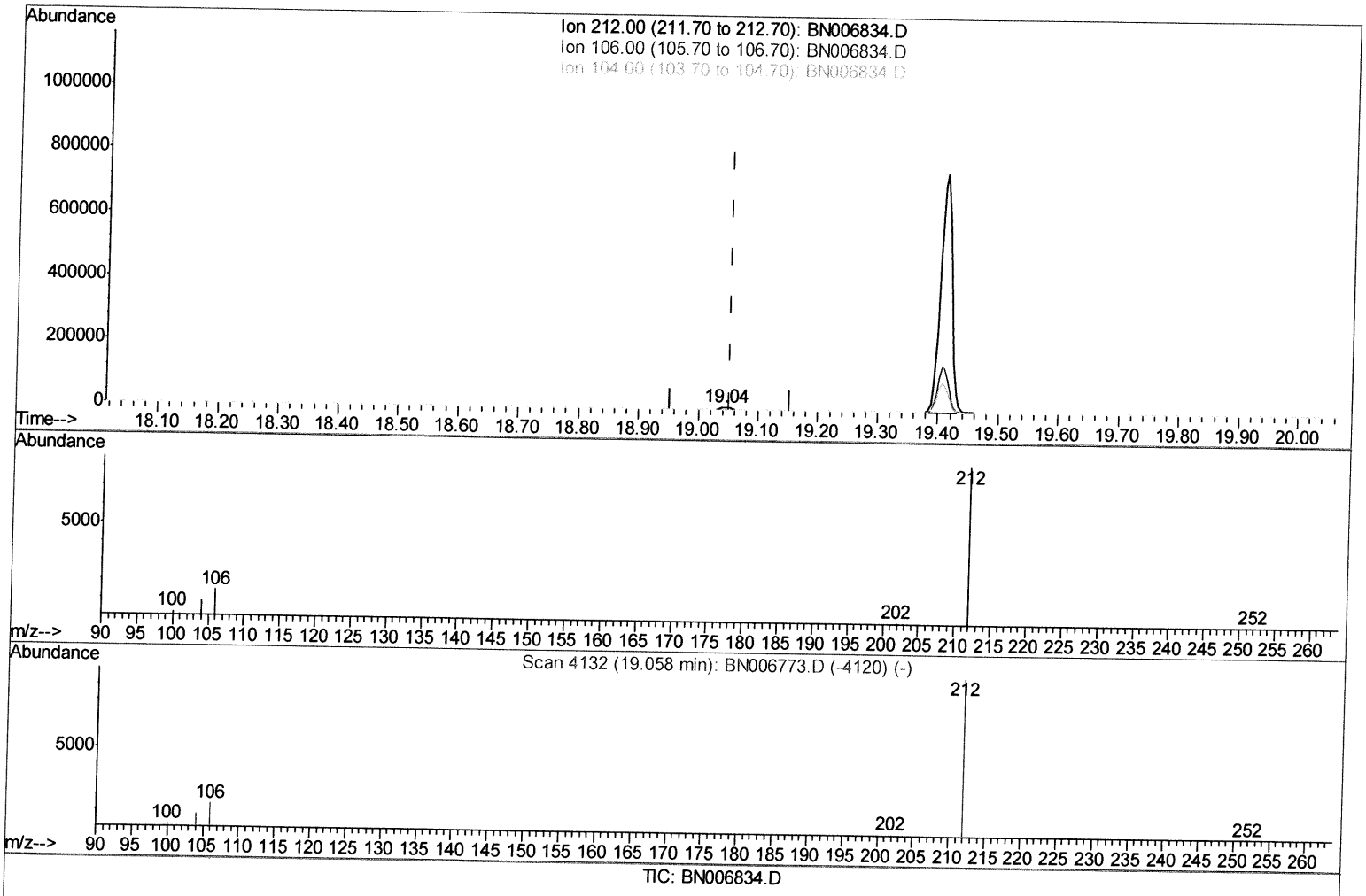
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071119\
Data File : BN006834.D
Acq On : 12 Jul 2019 15:10
Operator : HP/JU
Sample : K3717-16
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Jul 12 15:45:12 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 :
BF4A1

Manual Integrations APPROVED
mohammad
7/12/2019 10:28:48 PM



(14) Fluoranthene-d10 (SURR)

19.044min (-0.009) 0.30ng/ul m JU 07/16/19

response 11663

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

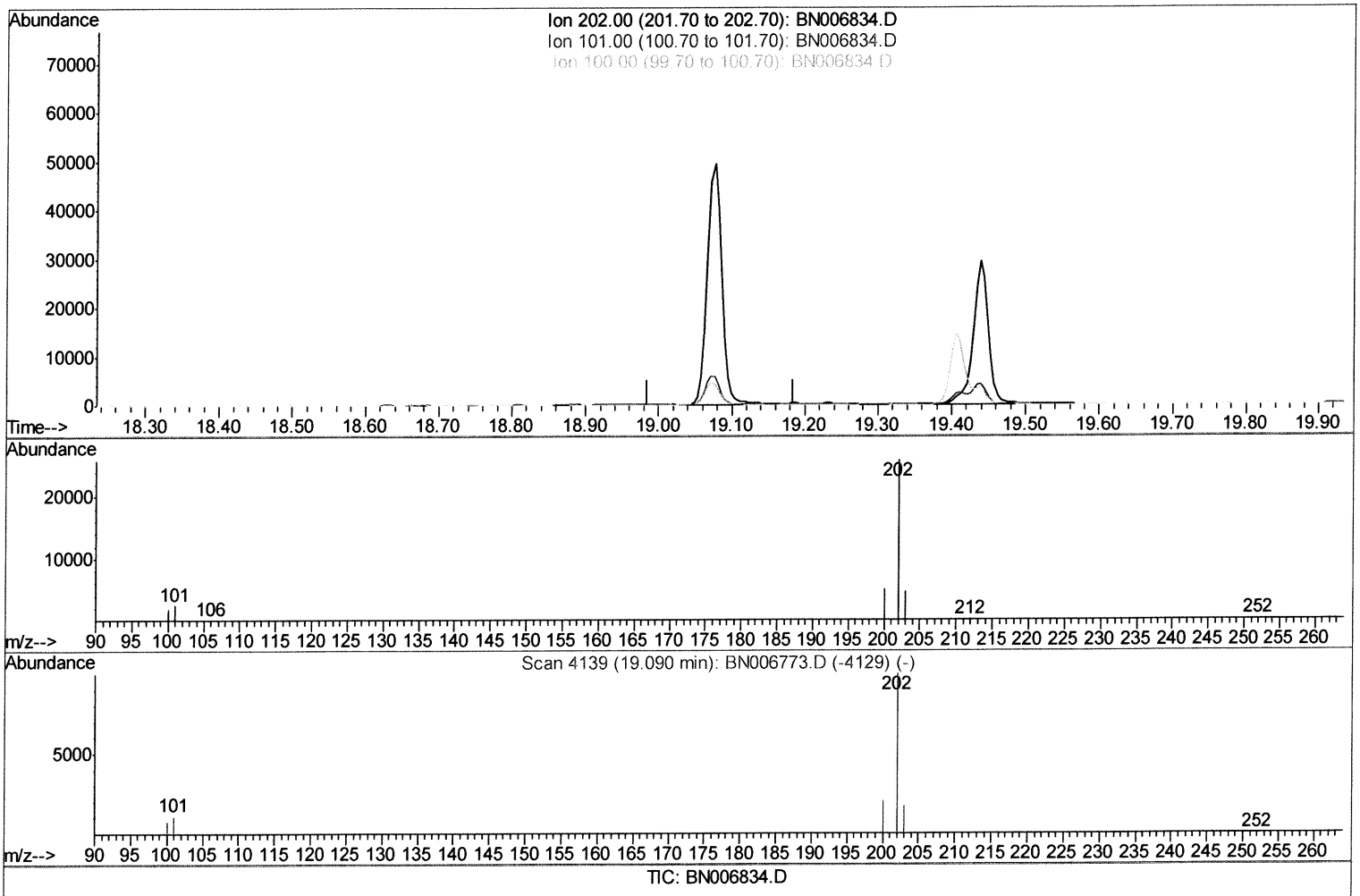
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071119\
Data File : BN006834.D
Acq On : 12 Jul 2019 15:10
Operator : HP/JU
Sample : K3717-16
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Jul 12 15:45:12 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 :
BF4A1

Manual Integrations APPROVED
mohammad
7/12/2019 10:28:48 PM



TIC: BN006834.D

(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

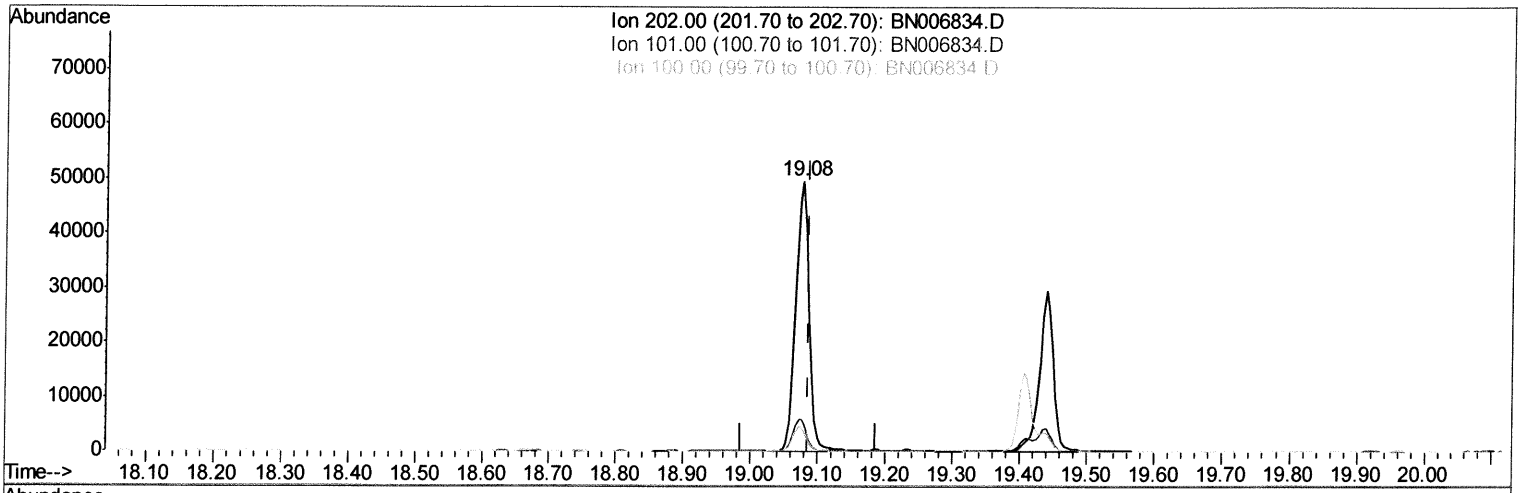
Quantitation Report (Qedit)

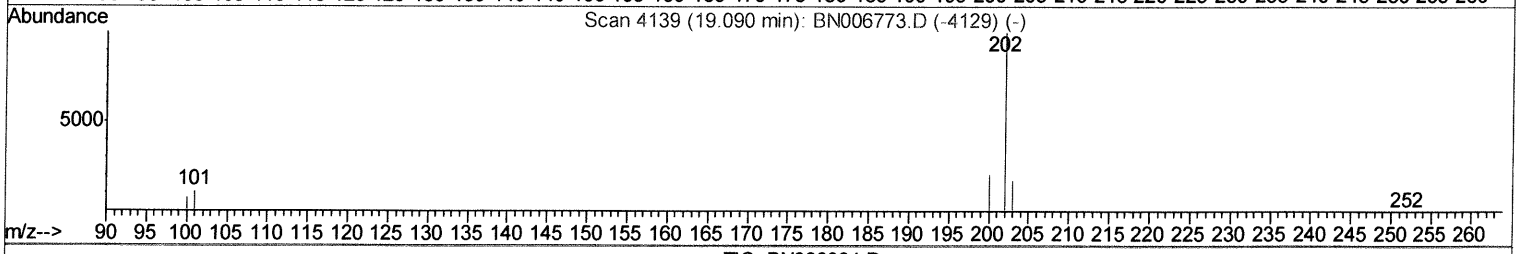
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071119\
Data File : BN006834.D
Acq On : 12 Jul 2019 15:10
Operator : HP/JU
Sample : K3717-16
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Jul 12 15:45:12 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 :
BF4A1

Manual Integrations APPROVED
mohammad
7/12/2019 10:28:48 PM





TIC: BN006834.D

(15) Fluoranthene (C)

19.076min (-0.009) 1.28ng/ul m JV 07/16/19

response 67011

Ion	Exp%	Act%
202.00	100	100
101.00	13.20	11.94
100.00	9.90	8.69
0.00	0.00	0.00

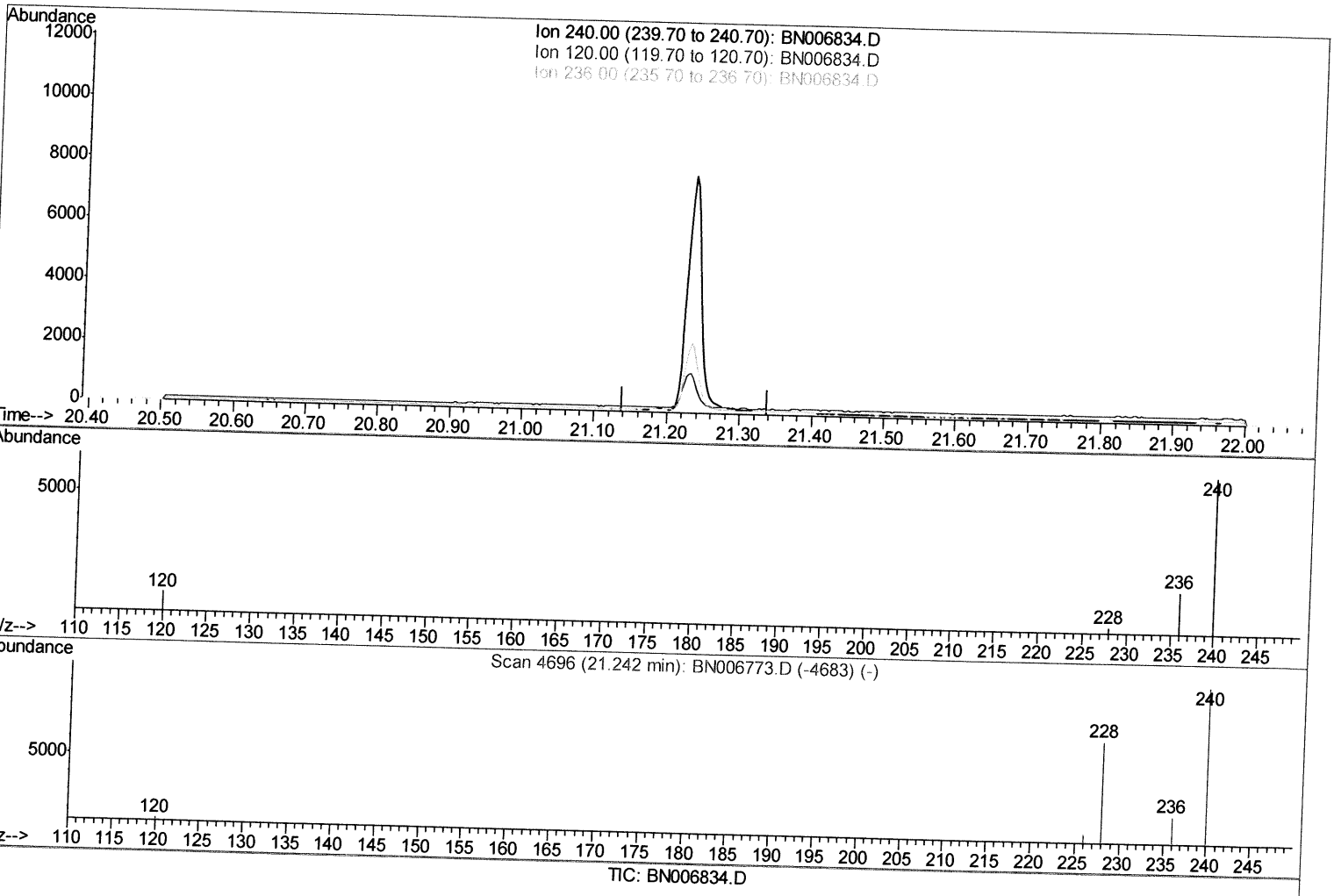
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071119\
Data File : BN006834.D
Acq On : 12 Jul 2019 15:10
Operator : HP/JU
Sample : K3717-16
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Jul 12 15:45:12 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 :
BF4A1

Manual Integrations APPROVED
mohammad
7/12/2019 10:28:48 PM



(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

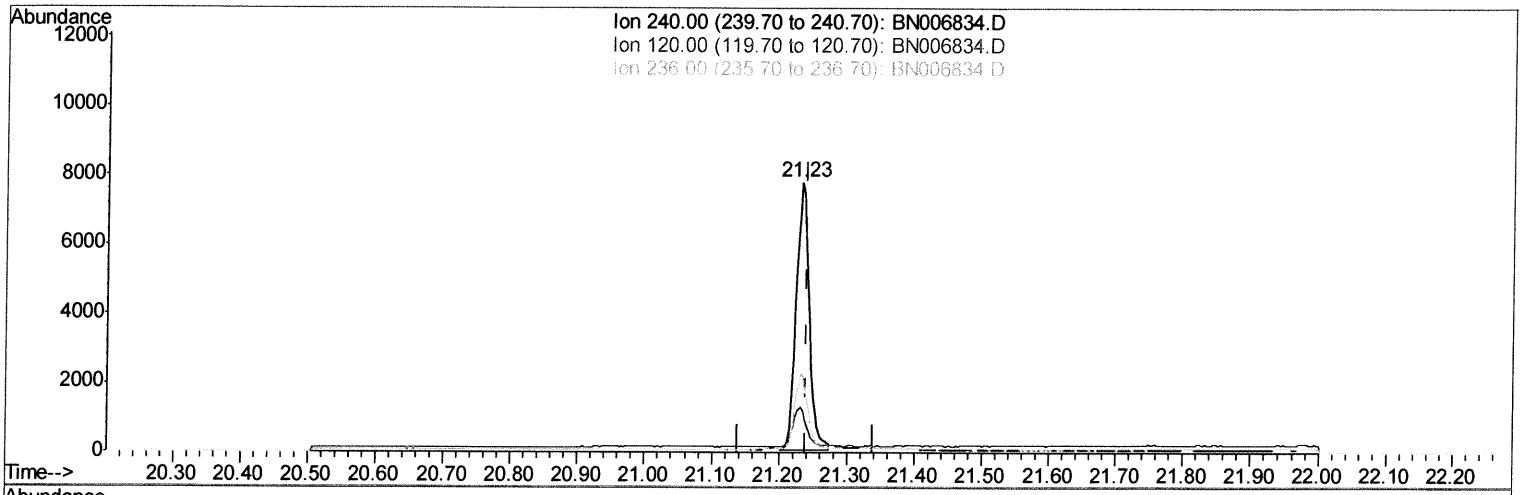
Quantitation Report (Qedit)

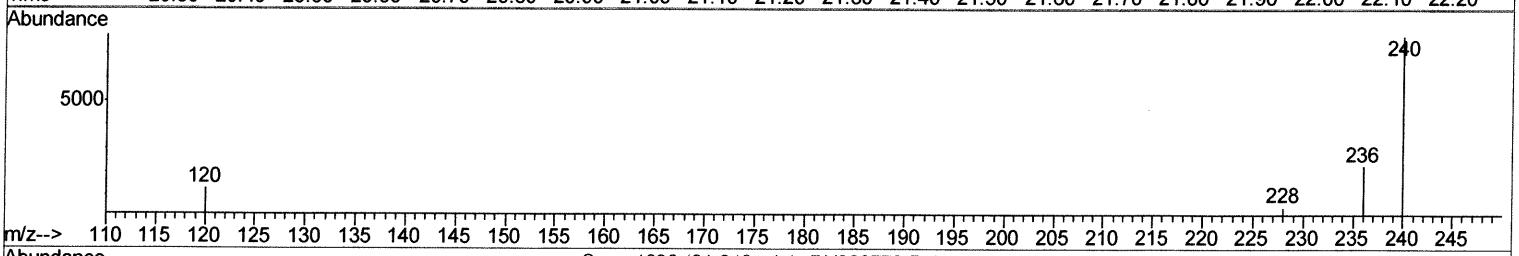
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071119\
Data File : BN006834.D
Acq On : 12 Jul 2019 15:10
Operator : HP/JU
Sample : K3717-16
Misc :
ALS Vial : 46 Sample Multiplier: 1

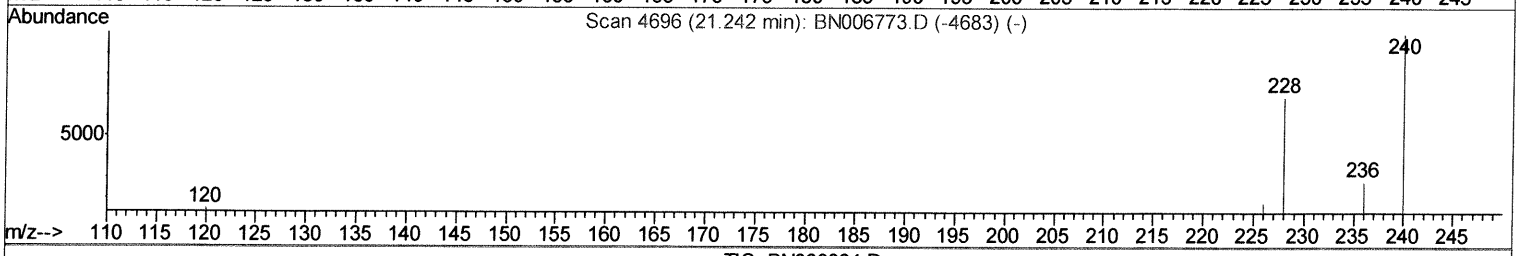
Quant Time: Jul 12 15:45:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BF4A1

Manual Integrations APPROVED
mohammad
7/12/2019 10:28:48 PM







TIC: BN006834.D

(16) Chrysene-d12 (I)

21.232min (-0.007) 0.40ng/ul m JU 07/16/19

response 10375

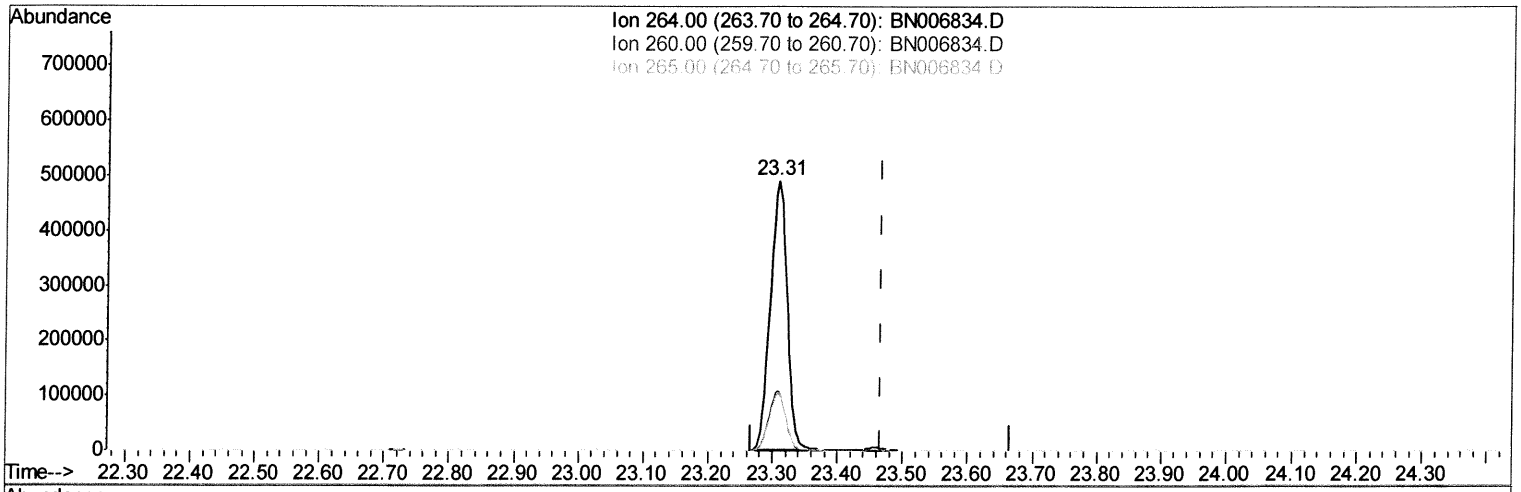
Ion	Exp%	Act%
240.00	100	100
120.00	20.20	16.77
236.00	30.00	29.48
0.00	0.00	0.00

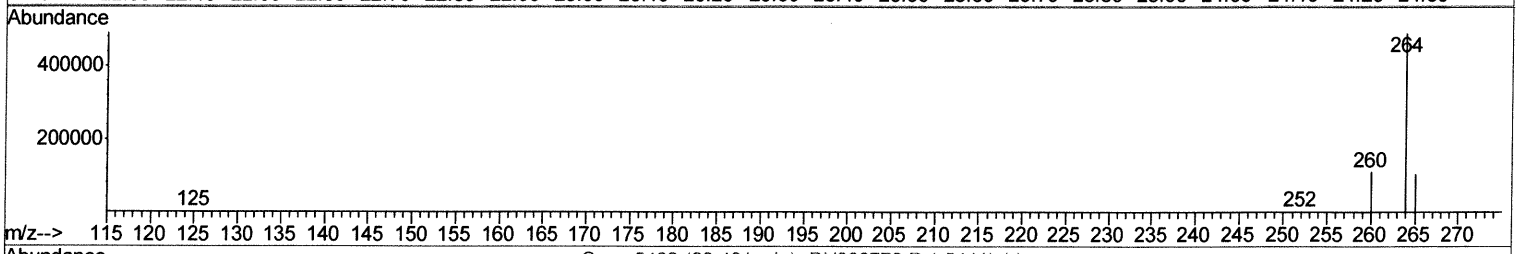
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071119\
Data File : BN006834.D
Acq On : 12 Jul 2019 15:10
Operator : HP/JU
Sample : K3717-16
Misc :
ALS Vial : 46 Sample Multiplier: 1

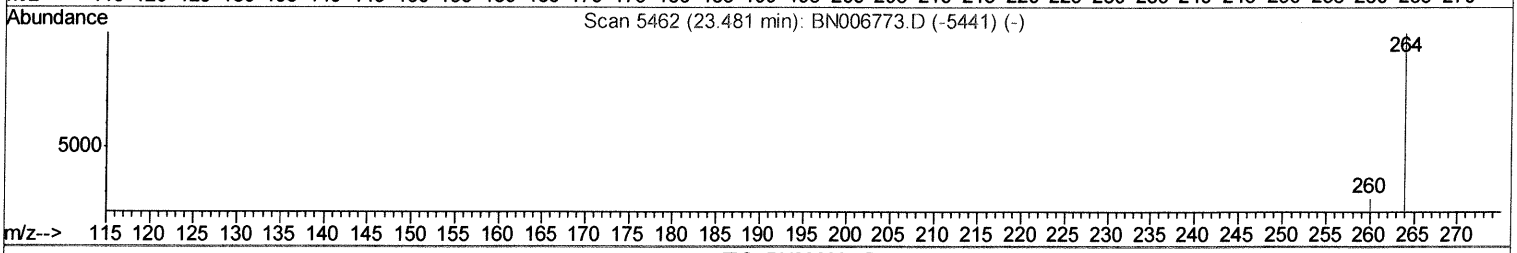
Quant Time: Jul 12 15:47:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BF4A1

Manual Integrations APPROVED
mohammad
7/12/2019 10:28:48 PM







TIC: BN006834.D

(20) Perylene-d12 (I)

23.307min (-0.159) 0.40ng/ul

response 888242

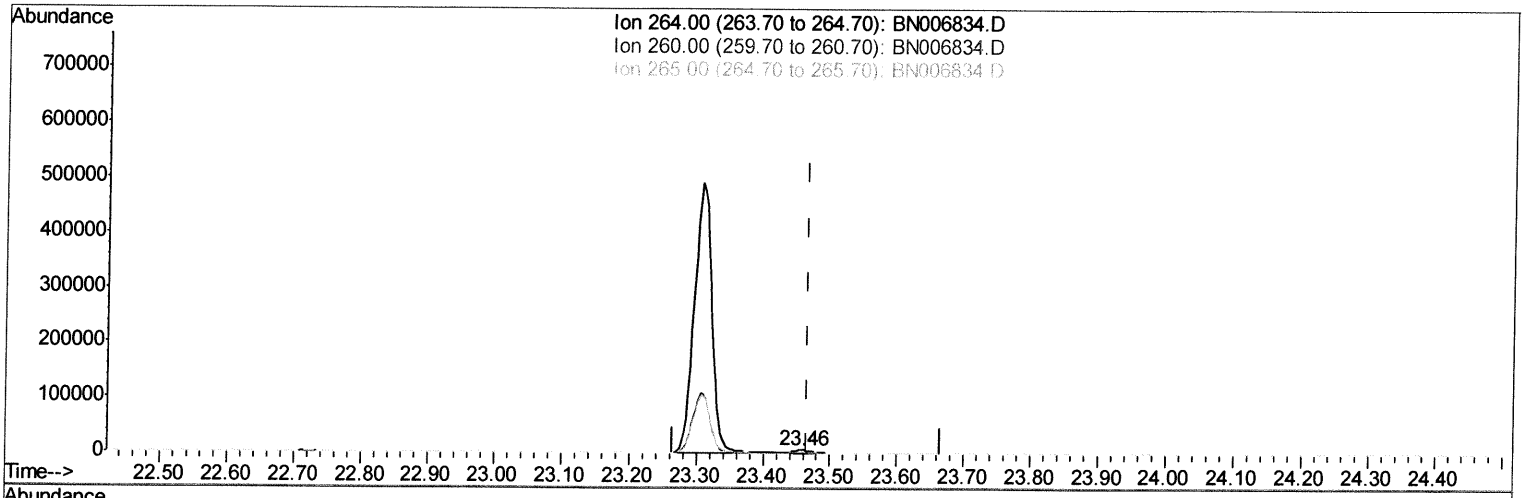
Ion	Exp%	Act%
264.00	100	100
260.00	27.80	22.44
265.00	36.10	21.49#
0.00	0.00	0.00

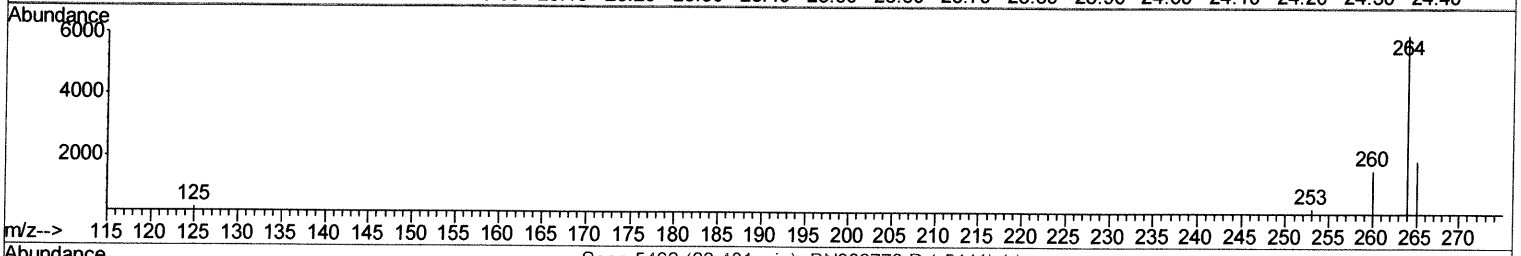
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071119\
Data File : BN006834.D
Acq On : 12 Jul 2019 15:10
Operator : HP/JU
Sample : K3717-16
Misc :
ALS Vial : 46 Sample Multiplier: 1

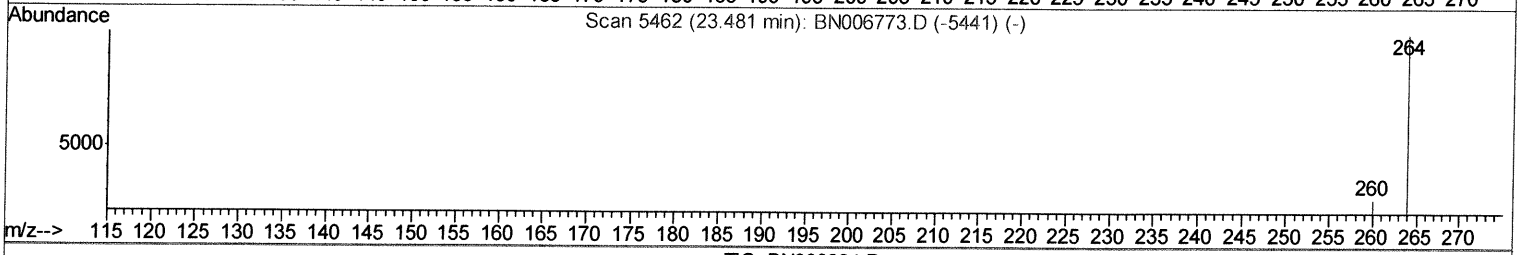
Quant Time: Jul 12 15:47:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BF4A1

Manual Integrations APPROVED
mohammad
7/12/2019 10:28:48 PM







TIC: BN006834.D

(20) Perylene-d12 (I)

23.459min (-0.007) 0.40ng/ul m JV 07/16/19

response 9582

Ion	Exp%	Act%
264.00	100	100
260.00	27.80	26.70
265.00	36.10	32.17
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071119\
Data File : BN006834.D
Acq On : 12 Jul 2019 15:10
Operator : HP/JU
Sample : K3717-16
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Jul 12 15:47:55 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 : BF4A1

Manual Integrations APPROVED
mohammad
7/12/2019 10:28:48 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	2902	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	10926	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.24	164	5791	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	13123m >	0.40	ng/ul	-0.01
16) Chrysene-d12	21.23	240	10375m >	0.40	ng/ul	0.00
20) Perylene-d12	23.46	264	9582m >	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	4548	0.27	ng/ul	-0.01
14) Fluoranthene-d10	19.04	212	11663m >	0.30	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.39	128	948130	30.226	ng/ul	99
5) 2-Methylnaphthalene	12.03	142	1908	0.090	ng/ul	100
7) Acenaphthylene	13.95	152	19701	0.659	ng/ul	97
8) Acenaphthene	14.30	153	313985	13.629	ng/ul	99
9) Fluorene	15.29	166	192778	7.635	ng/ul	100
12) Phenanthrene	17.04	178	293298m >	6.948	ng/ul	
13) Anthracene	17.13	178	24849m >	0.681	ng/ul	
15) Fluoranthene	19.08	202	67011m >	1.284	ng/ul	
17) Pyrene	19.44	202	42849	0.904	ng/ul	99
18) Benzo(a)anthracene	21.22	228	2275	0.053	ng/ul#	88

JU 07/16/19

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