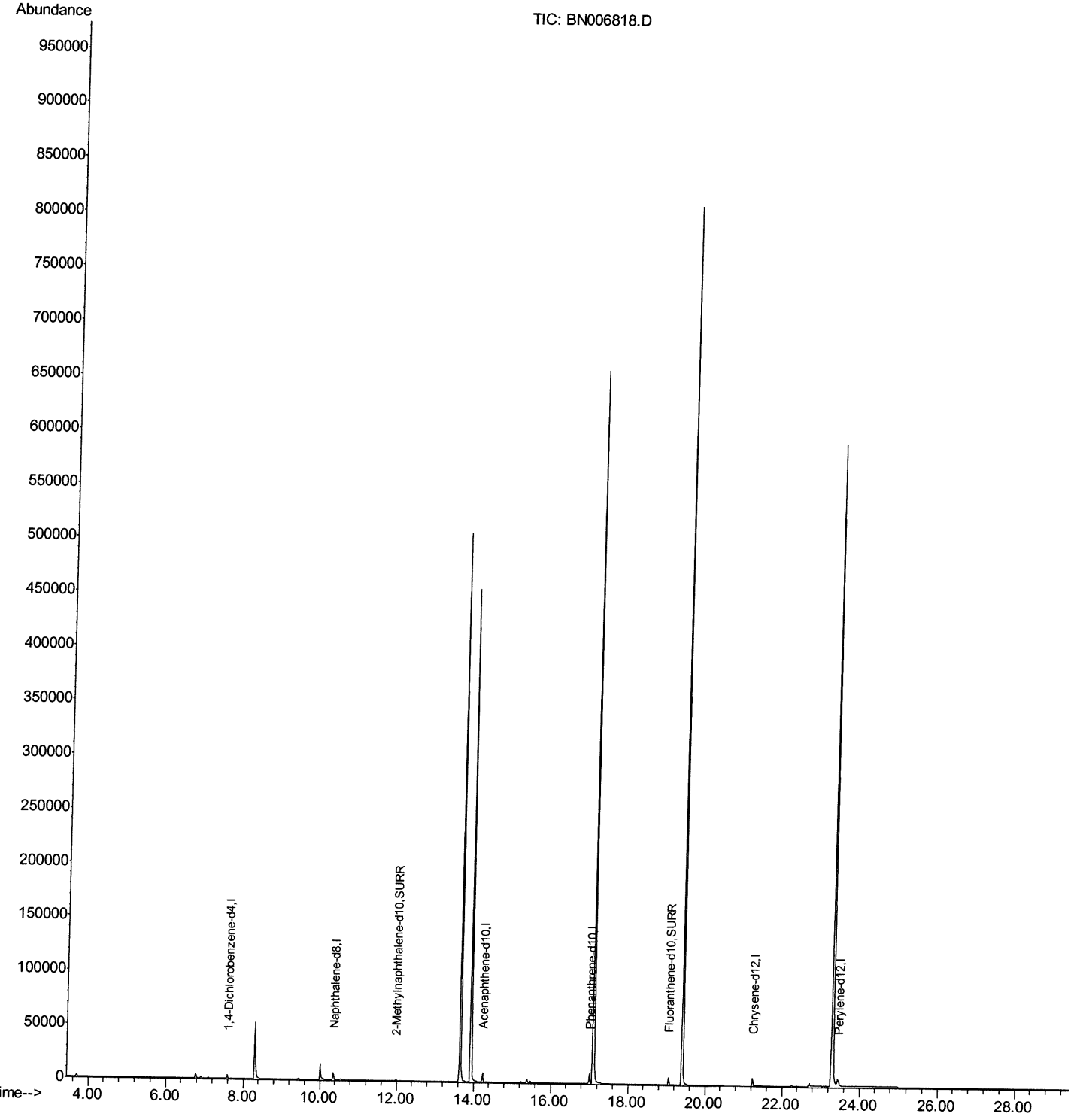
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\
Data File : BN006818.D
Acq On : 12 Jul 2019 05:15
Operator : HP/JU
Sample : K3717-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jul 12 08:42:05 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 :
BF4A4

Manual Integrations APPROVED
mohammad
7/12/2019 10:27:50 PM



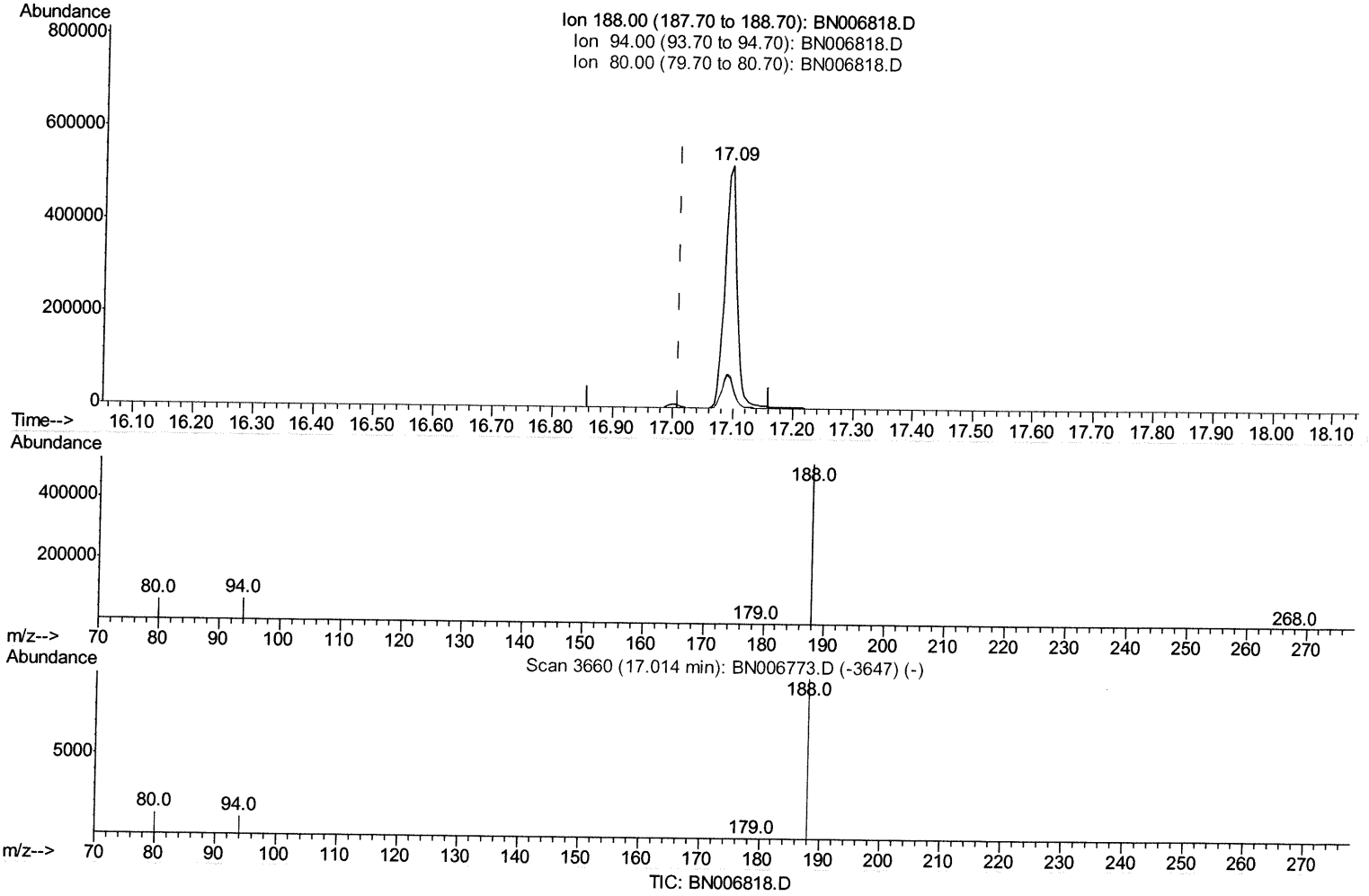
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\
Data File : BN006818.D
Acq On : 12 Jul 2019 05:15
Operator : HP/JU
Sample : K3717-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jul 12 08:35:30 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 :
BF4A4

Manual Integrations APPROVED
mohammad
7/12/2019 10:27:50 PM



TIC: BN006818.D

(10) Phenanthrene-d10 (I)

17.095min (+0.084) 0.40ng/ul

response 729792

Ion	Exp%	Act%
188.00	100	100
94.00	13.70	13.22
80.00	14.80	12.42
0.00	0.00	0.00

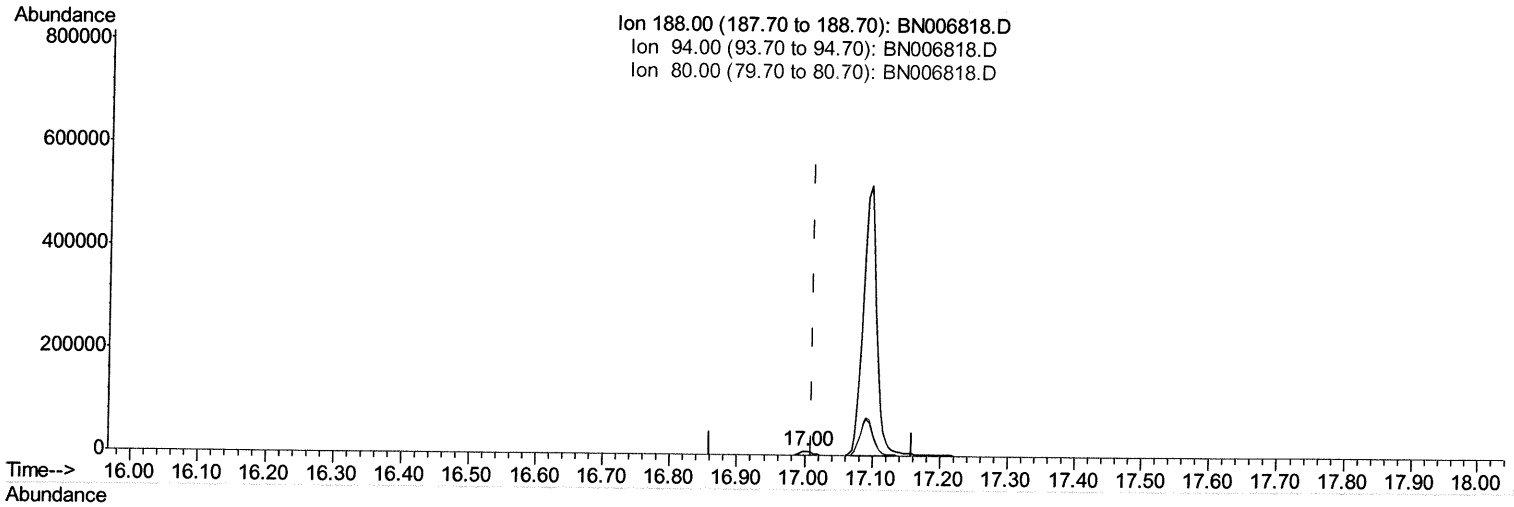
Quantitation Report (Qedit)

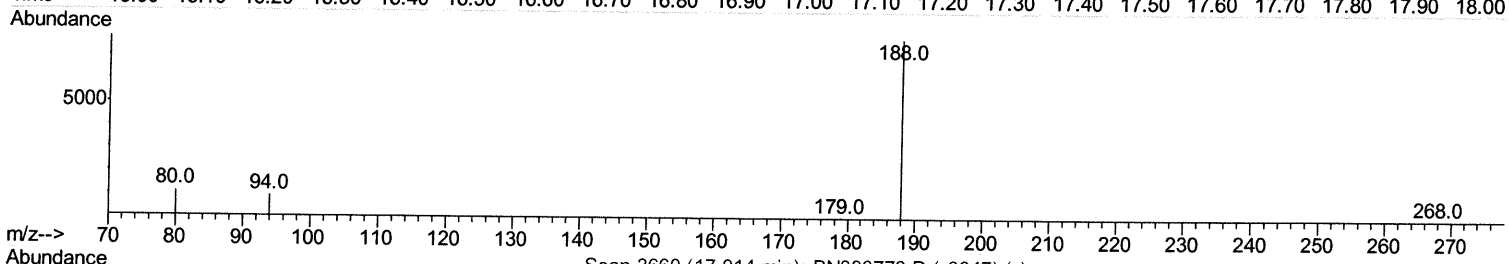
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\
Data File : BN006818.D
Acq On : 12 Jul 2019 05:15
Operator : HP/JU
Sample : K3717-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jul 12 08:35:30 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

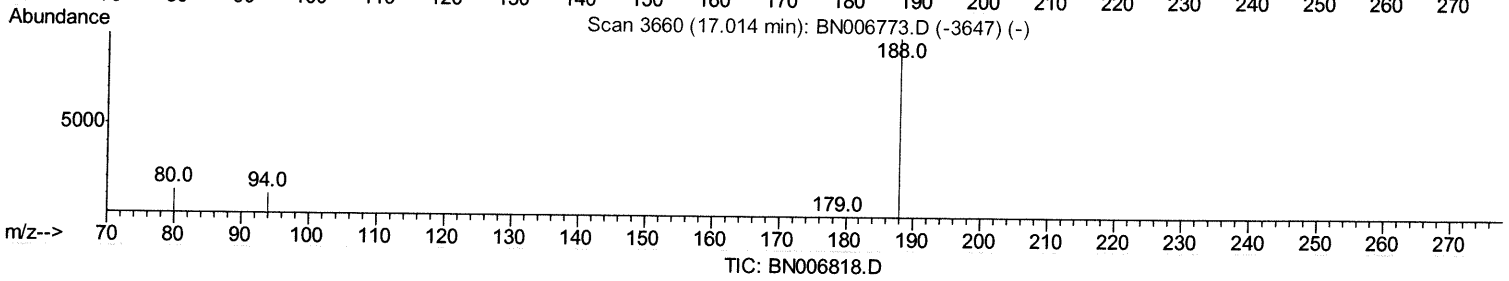
Instrument :
BNA_N
ClientSampleId :
BF4A4

Manual Integrations APPROVED
mohammad
7/12/2019 10:27:50 PM





Scan 3660 (17.014 min): BN006773.D (-3647) (-)



TIC: BN006818.D

(10) Phenanthrene-d10 (I)

17.002min (-0.008) 0.40ng/ul m JU 07/12/19

response 10912

Ion	Exp%	Act%
188.00	100	100
94.00	13.70	11.98
80.00	14.80	14.21
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\
Data File : BN006818.D
Acq On : 12 Jul 2019 05:15
Operator : HP/JU
Sample : K3717-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jul 12 08:36:44 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 :
BF4A4

Manual Integrations APPROVED
mohammad
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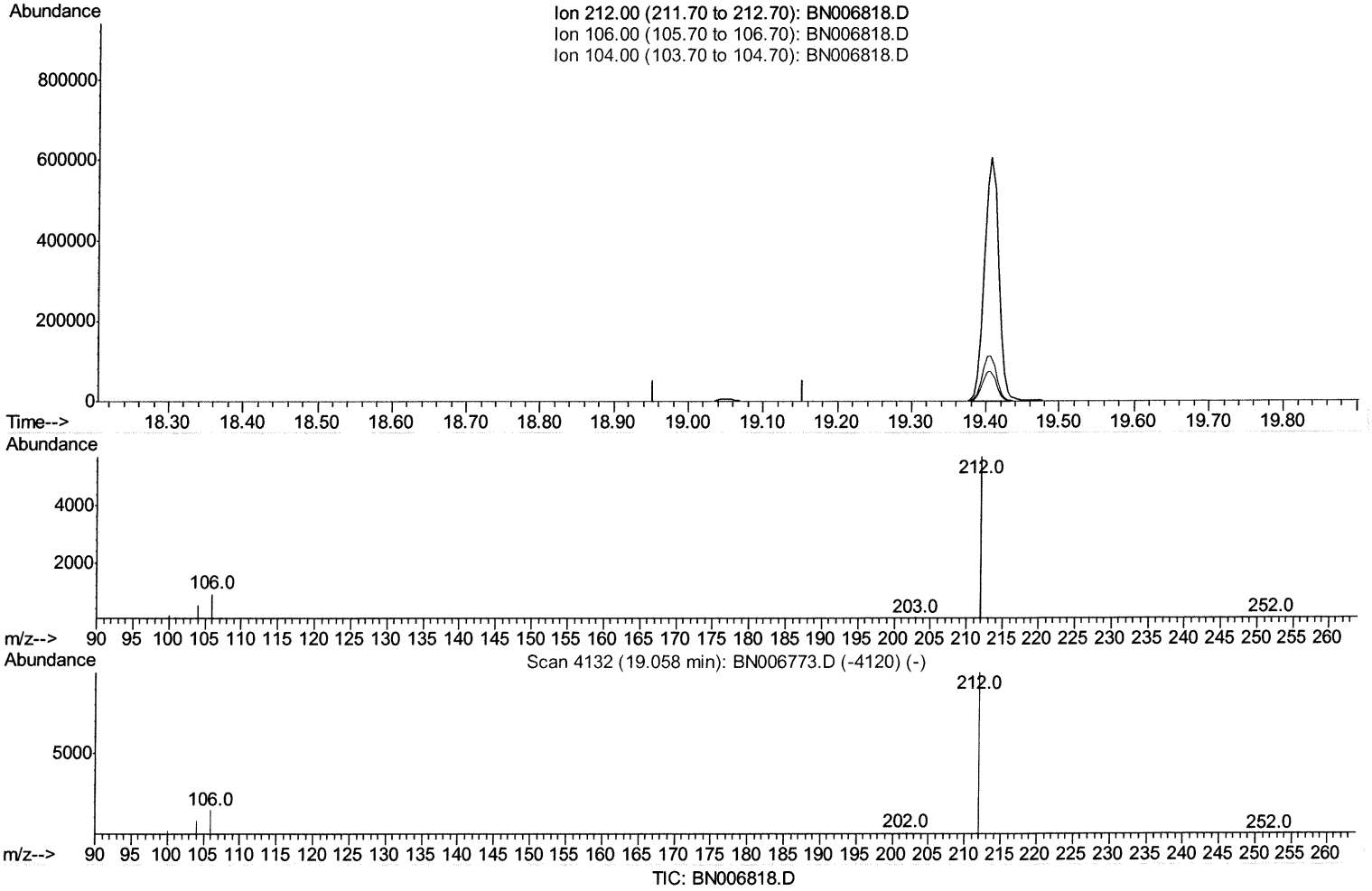


(14) Fluoranthene-d10 (SURR)

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

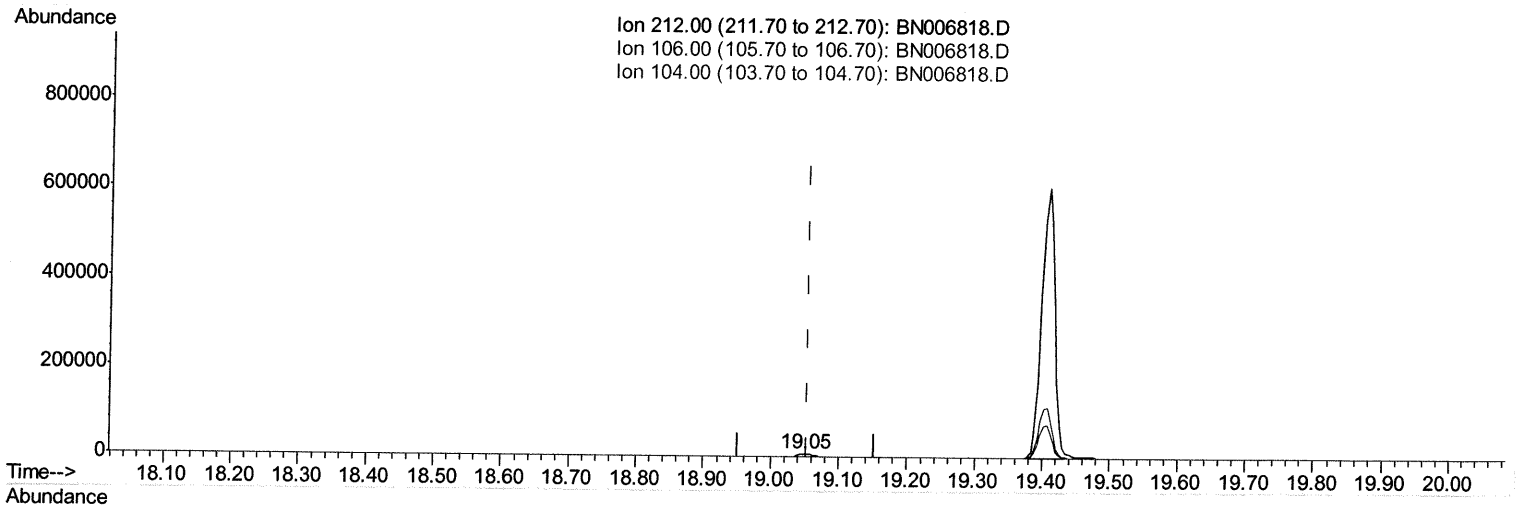
Quantitation Report (Qedit)

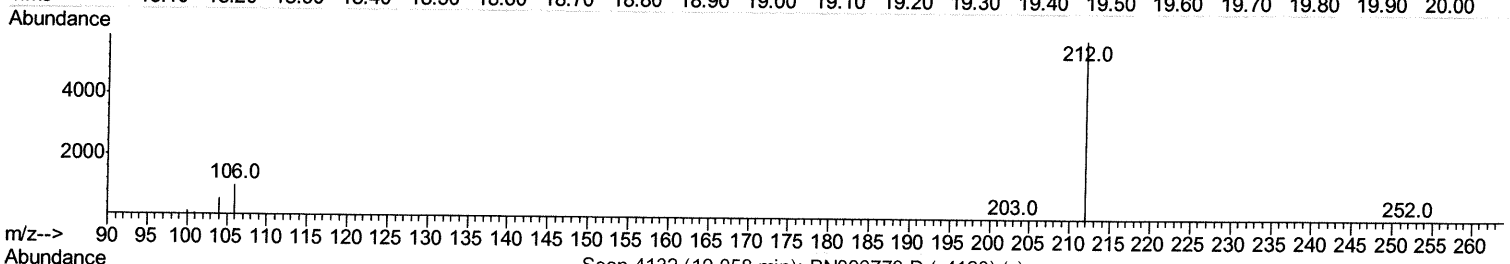
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\
Data File : BN006818.D
Acq On : 12 Jul 2019 05:15
Operator : HP/JU
Sample : K3717-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jul 12 08:36:44 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

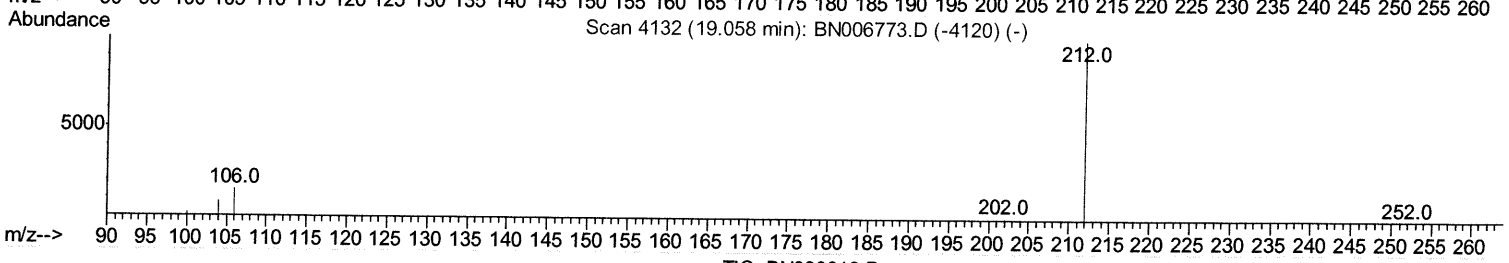
Instrument :
BNA_N
ClientSampleId :
BF4A4

Manual Integrations APPROVED
mohammad
7/12/2019 10:27:50 PM





Scan 4132 (19.058 min): BN006773.D (-4120) (-)



TIC: BN006818.D

(14) Fluoranthene-d10 (SURR) JU 07/12/19

19.048min (-0.005) 0.26ng/ul m

response 8428

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

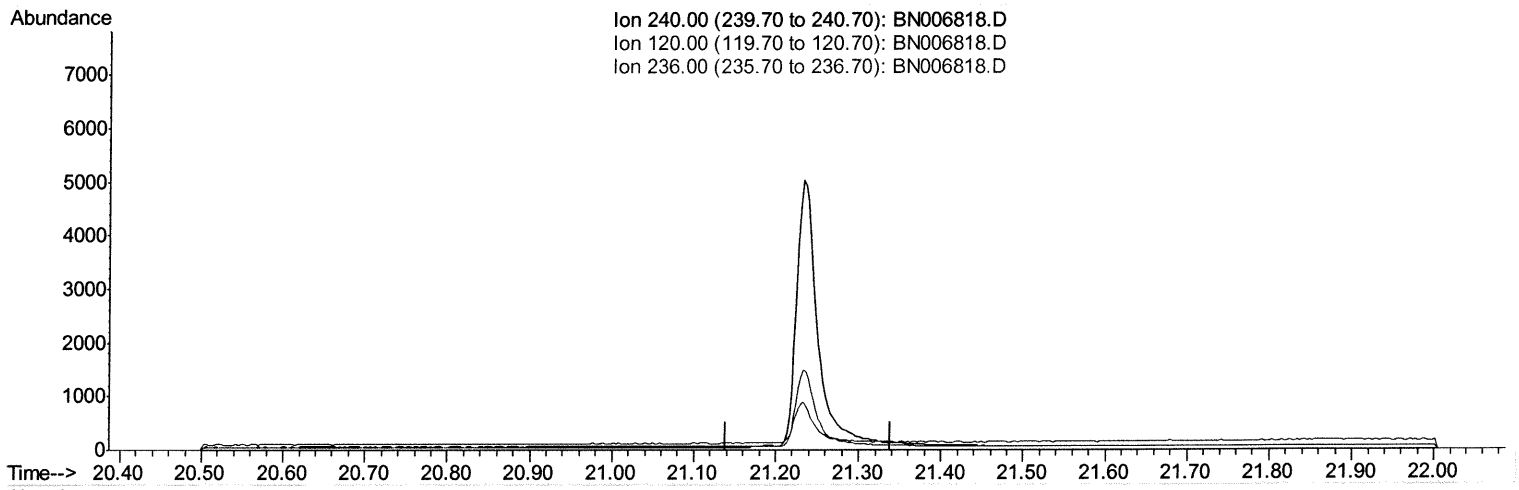
Quantitation Report (Qedit)

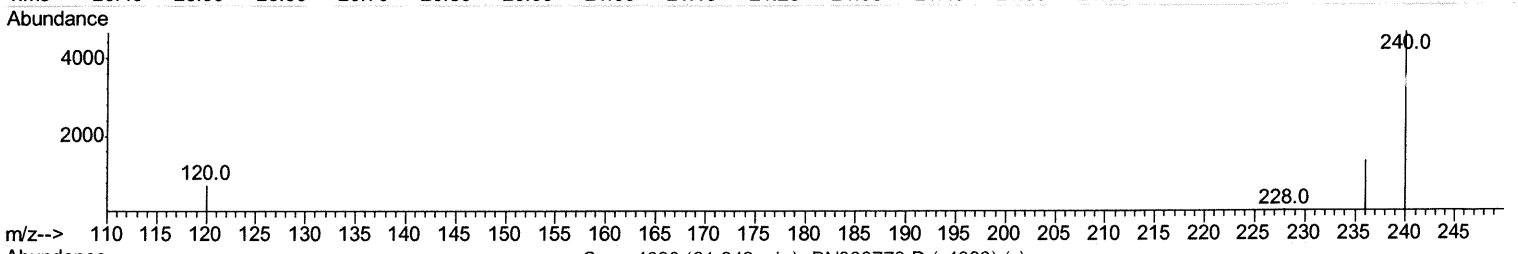
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\
Data File : BN006818.D
Acq On : 12 Jul 2019 05:15
Operator : HP/JU
Sample : K3717-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

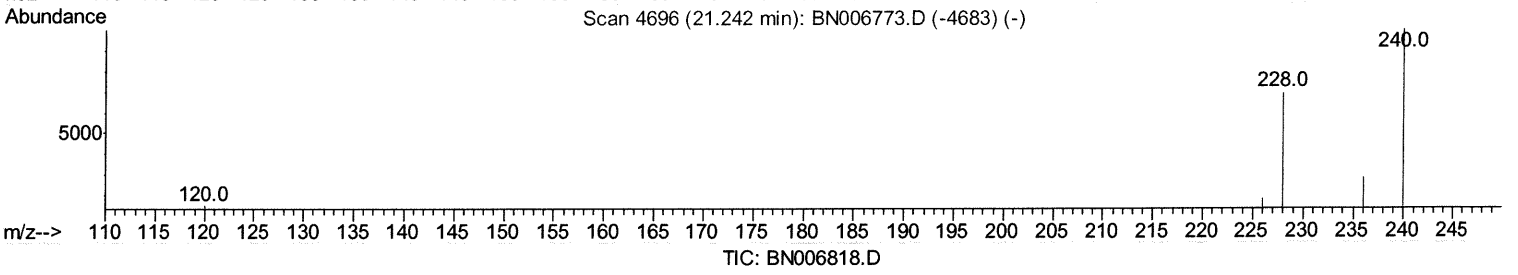
Quant Time: Jul 12 08:36:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BF4A4

Manual Integrations APPROVED
mohammad
7/12/2019 10:27:50 PM







TIC: BN006818.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

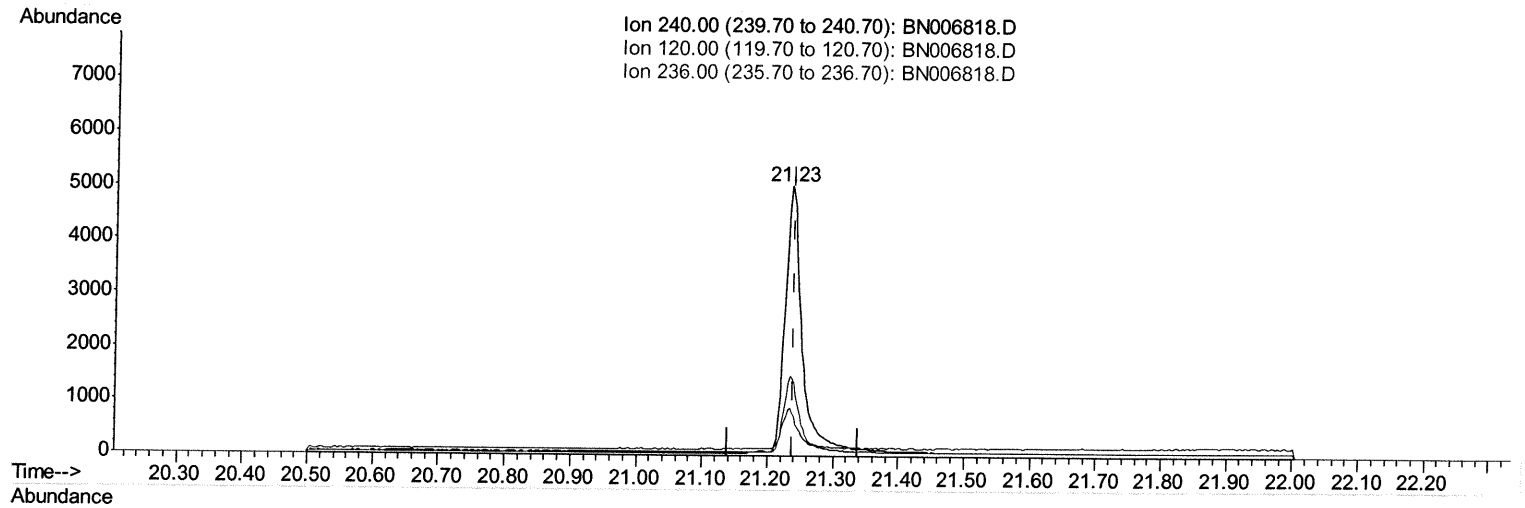
Quantitation Report (Qedit)

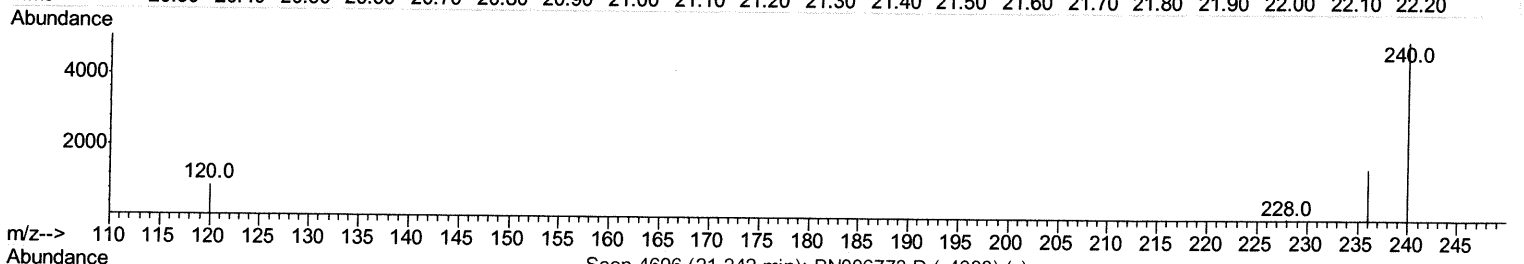
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\
Data File : BN006818.D
Acq On : 12 Jul 2019 05:15
Operator : HP/JU
Sample : K3717-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jul 12 08:36:44 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

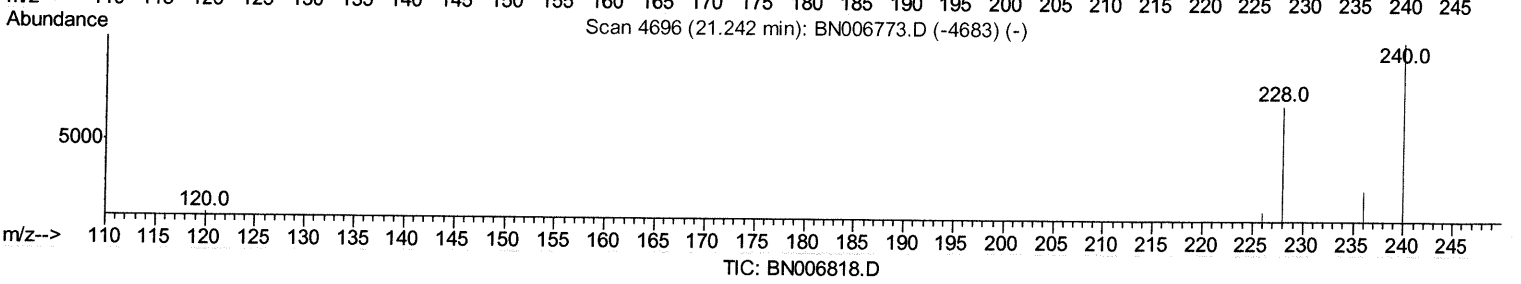
Instrument :
BNA_N
ClientSampleId :
BF4A4

Manual Integrations APPROVED
mohammad
7/12/2019 10:27:50 PM





Scan 4696 (21.242 min): BN006773.D (-4683) (-)



TIC: BN006818.D

(16) Chrysene-d12 (I)

21.233min (-0.006) 0.40ng/ul m JU 07/12/19

response 8808

Ion	Exp%	Act%
240.00	100	100
120.00	20.20	17.73
236.00	30.00	29.60
0.00	0.00	0.00

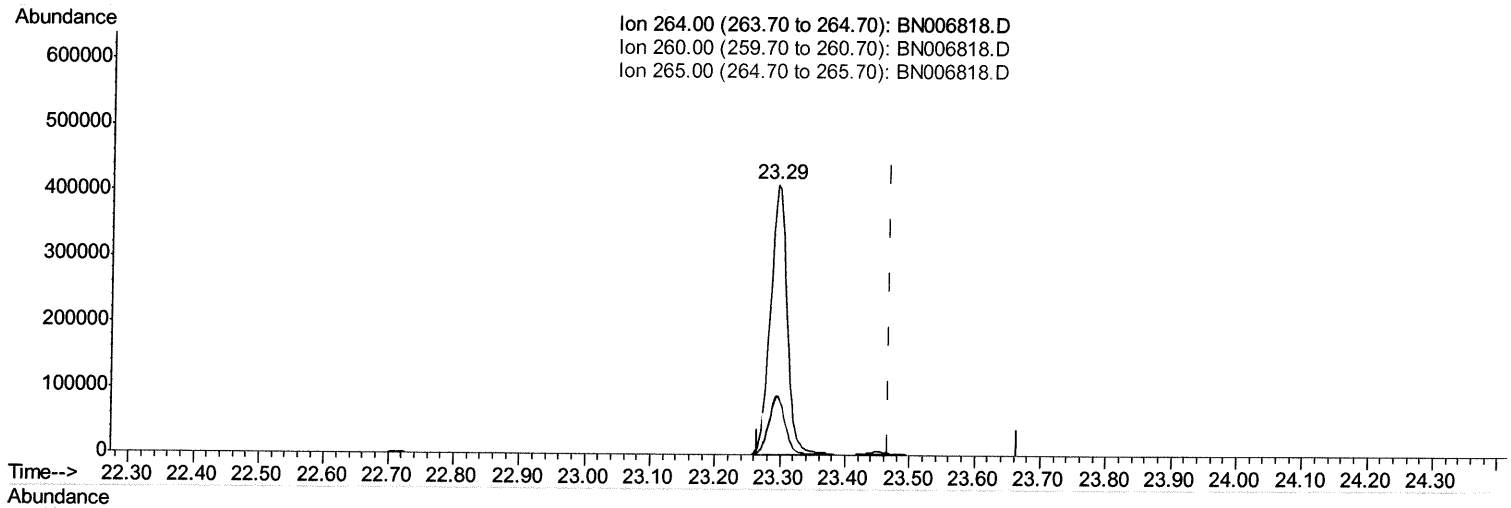
Quantitation Report (Qedit)

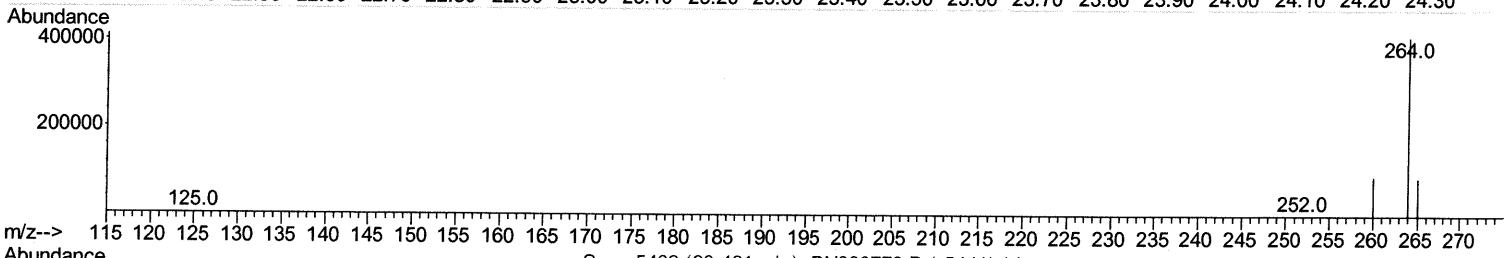
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\
Data File : BN006818.D
Acq On : 12 Jul 2019 05:15
Operator : HP/JU
Sample : K3717-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

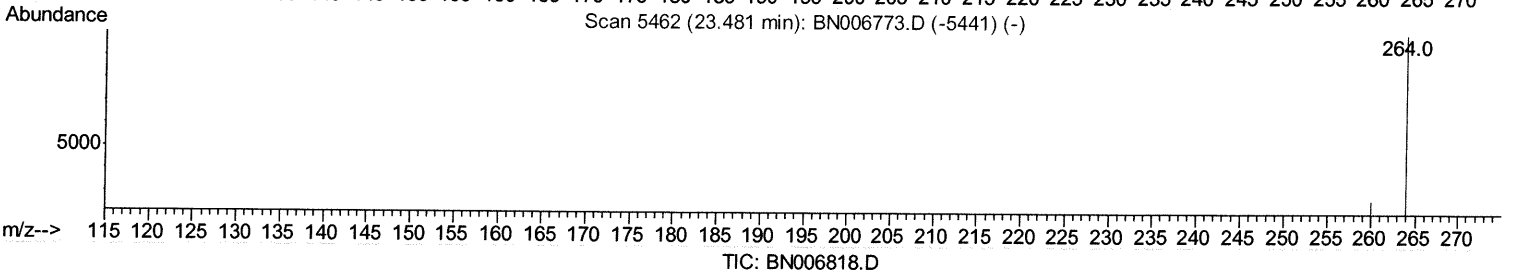
Quant Time: Jul 12 08:40:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BF4A4

Manual Integrations APPROVED
mohammad
7/12/2019 10:27:50 PM







TIC: BN006818.D

(20) Perylene-d12 (I)

23.294min (-0.173) 0.40ng/ul

response 703277

Ion	Exp%	Act%
264.00	100	100
260.00	27.80	22.06#
265.00	36.10	21.44#
0.00	0.00	0.00

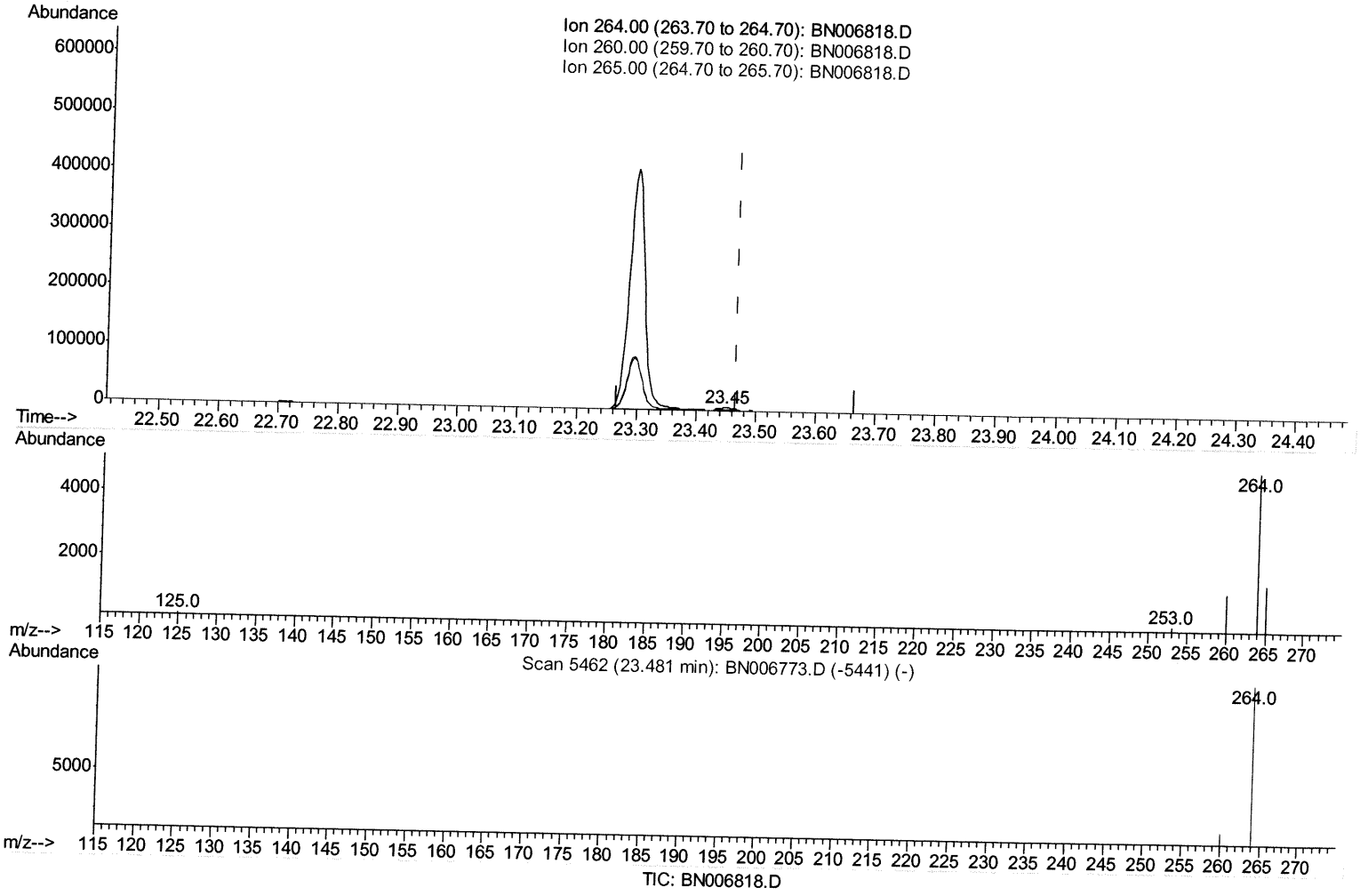
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\
Data File : BN006818.D
Acq On : 12 Jul 2019 05:15
Operator : HP/JU
Sample : K3717-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jul 12 08:40:58 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 :
BF4A4

Manual Integrations APPROVED
mohammad
7/12/2019 10:27:50 PM



TIC: BN006818.D

(20) Perylene-d12 (I)

23.449min (-0.018) 0.40ng/ul m JV 07/12/19

response 7479

Ion	Exp%	Act%
264.00	100	100
260.00	27.80	26.77
265.00	36.10	31.64
0.00	0.00	0.00

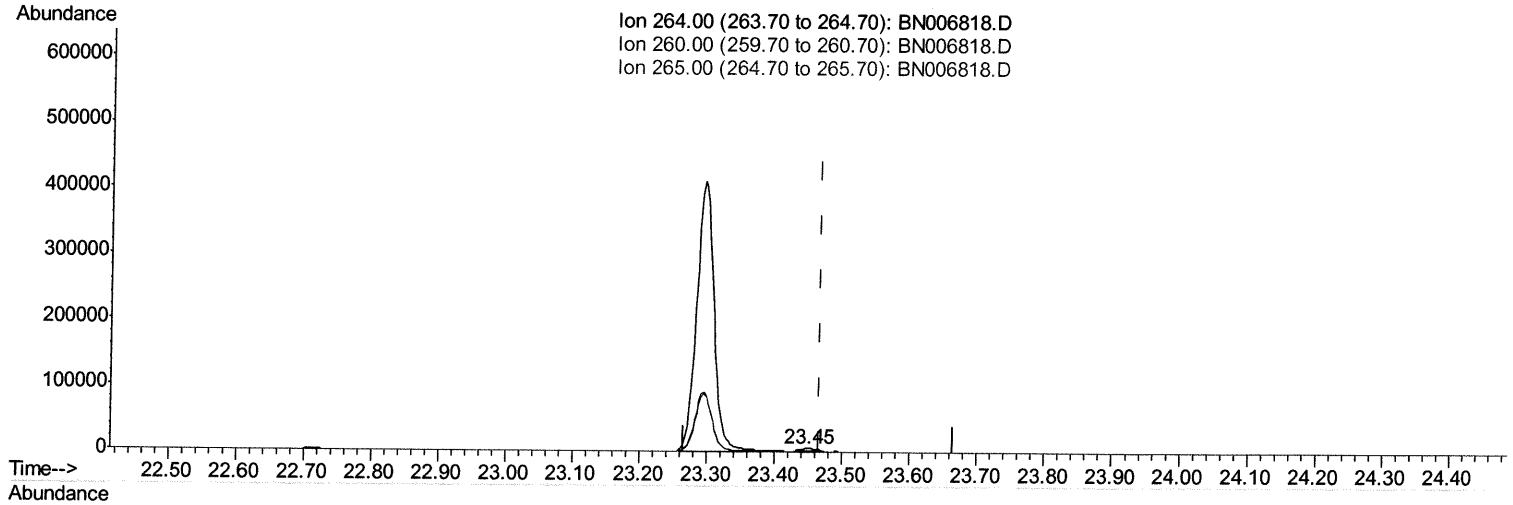
Quantitation Report (Qedit)

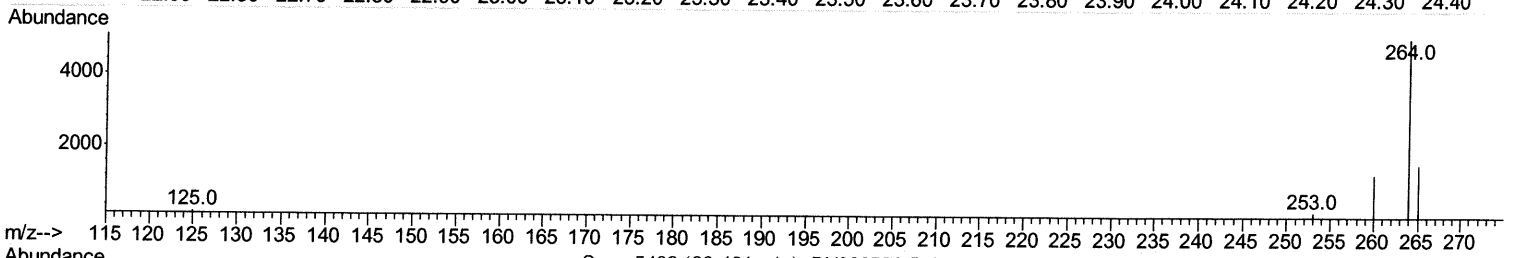
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\
Data File : BN006818.D
Acq On : 12 Jul 2019 05:15
Operator : HP/JU
Sample : K3717-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jul 12 08:40:58 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

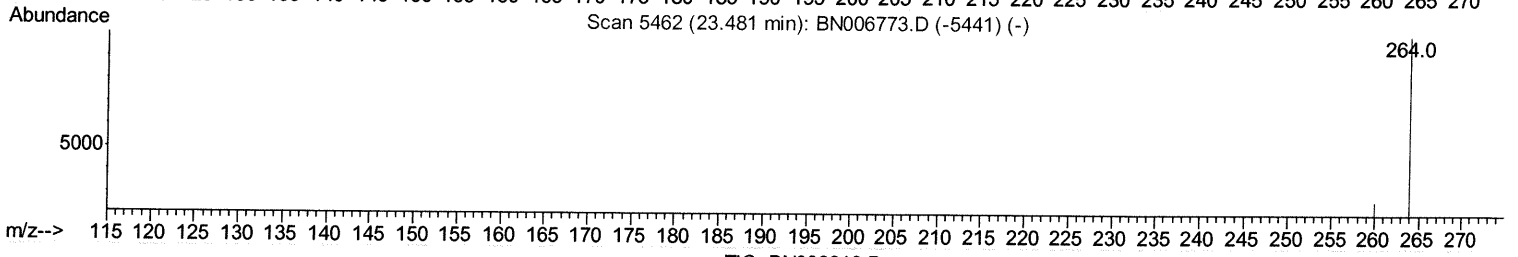
Instrument :
BNA_N
ClientSampleId :
BF4A4

Manual Integrations APPROVED
mohammad
7/12/2019 10:27:50 PM





Scan 5462 (23.481 min): BN006773.D (-5441) (-)



TIC: BN006818.D

(20) Perylene-d12 (I)

23.449min (-0.018) 0.40ng/ul m JC 07/12/19

response 7479

Ion	Exp%	Act%
264.00	100	100
260.00	27.80	26.77
265.00	36.10	31.64
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\
Data File : BN006818.D
Acq On : 12 Jul 2019 05:15
Operator : HP/JU
Sample : K3717-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BF4A4

Manual Integrations APPROVED
mohammad
7/12/2019 10:27:50 PM

Quant Time: Jul 12 08:42:05 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	2671	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	9636	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.24	164	5052	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	10912m >	0.40	ng/ul	0.00
16) Chrysene-d12	21.23	240	8808m >	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	7479m >	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	3089	0.21	ng/ul	0.01
14) Fluoranthene-d10	19.05	212	8428m >	0.26	ng/ul	0.00
Target Compounds						Qvalue

JU 07/12/19

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