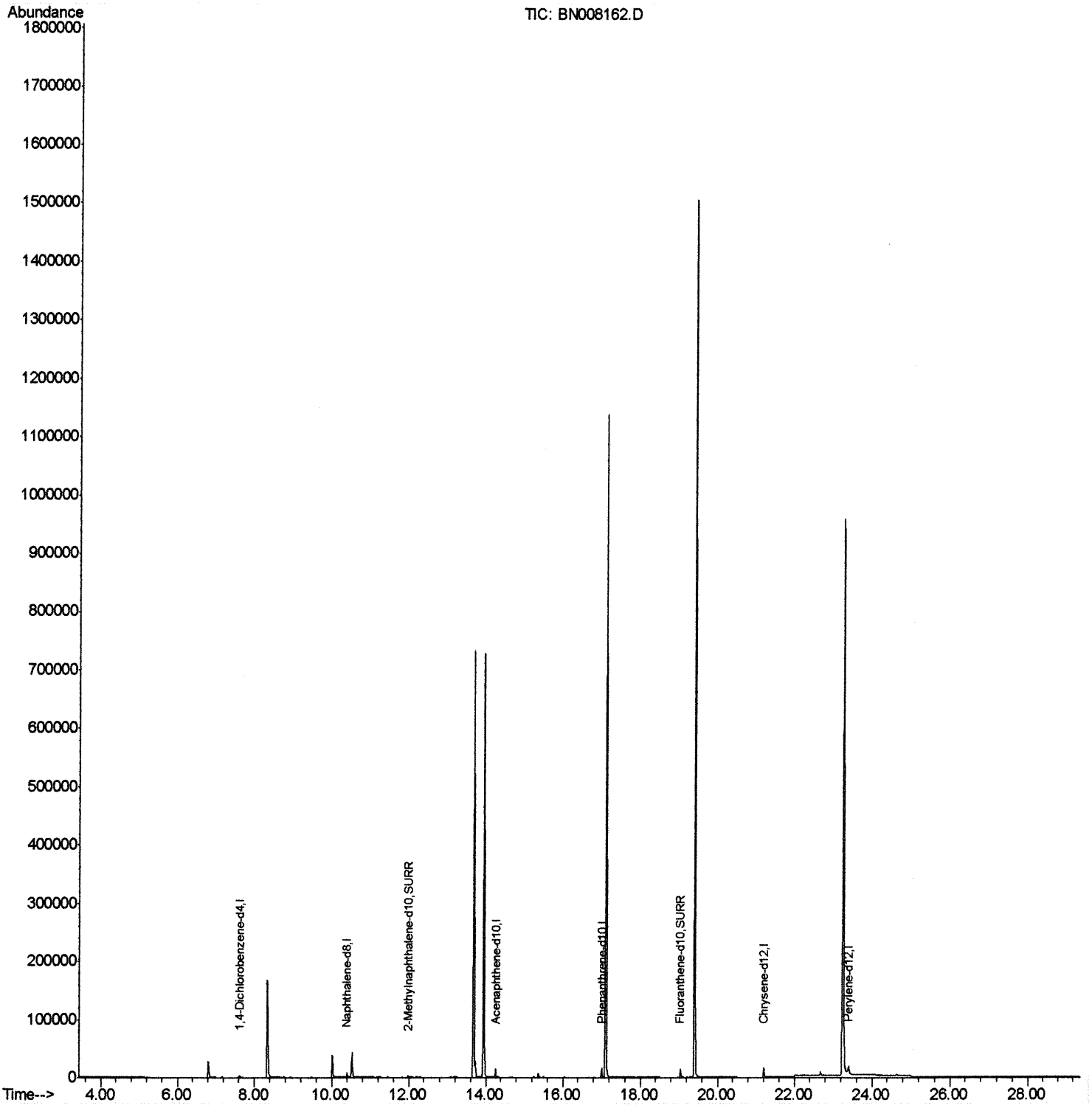
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008162.D
Acq On : 15 Oct 2019 08:20
Operator : JU
Sample : K5097-13
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Oct 15 09:00:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 15 05:17:53 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLMF0

Manual Integrations APPROVED
mohammad
10/15/2019 1:31:03 PM



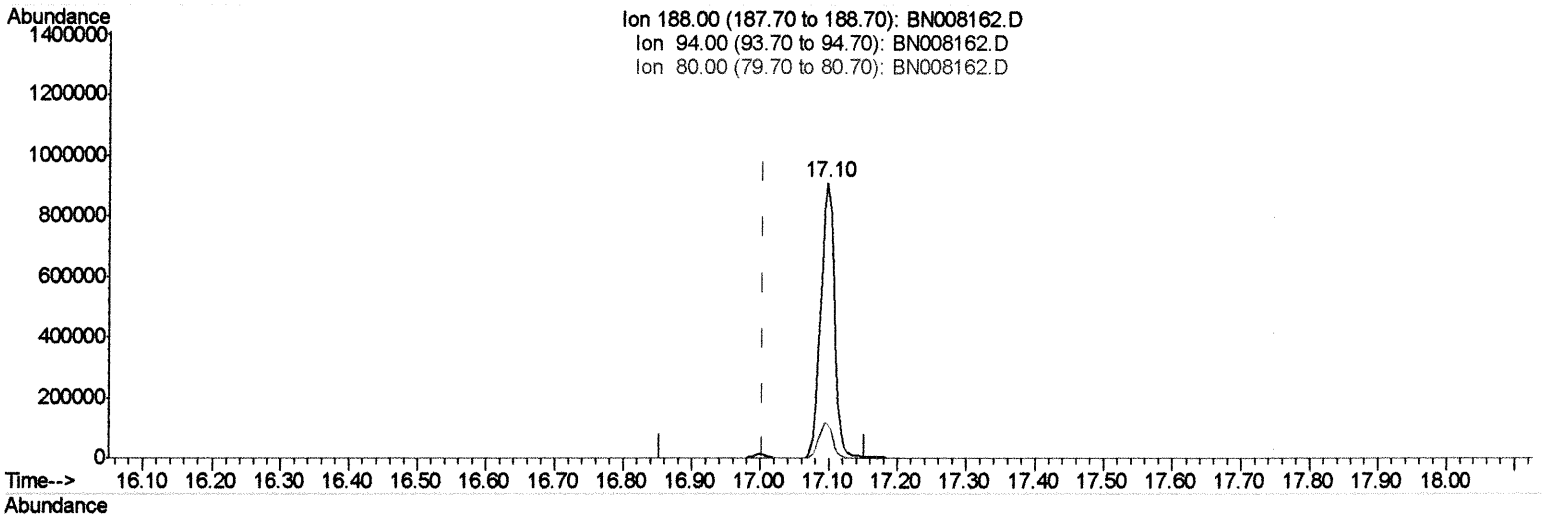
Quantitation Report (Qedit)

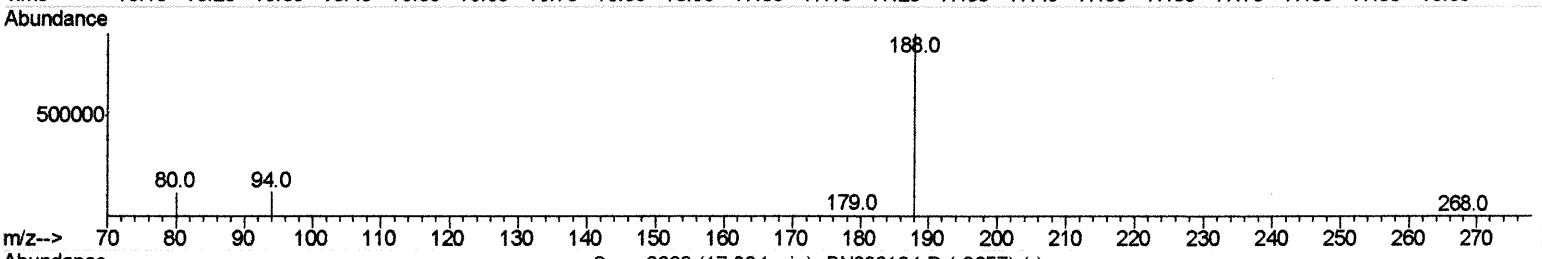
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008162.D
Acq On : 15 Oct 2019 08:20
Operator : JU
Sample : K5097-13
Misc :
ALS Vial : 30 Sample Multiplier: 1

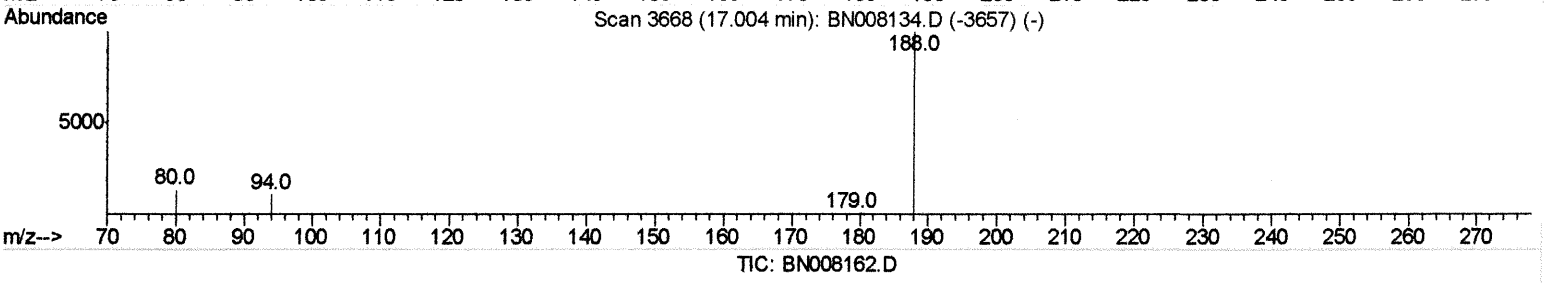
Quant Time: Oct 15 08:53:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 15 05:17:53 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLMF0

Manual Integrations APPROVED
mohammad
10/15/2019 1:31:03 PM







TIC: BN008162.D

(10) Phenanthrene-d10 (I)

17.097min (+0.093) 0.40ng/ul

response 1282849

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	12.74
80.00	12.60	12.54
0.00	0.00	0.00

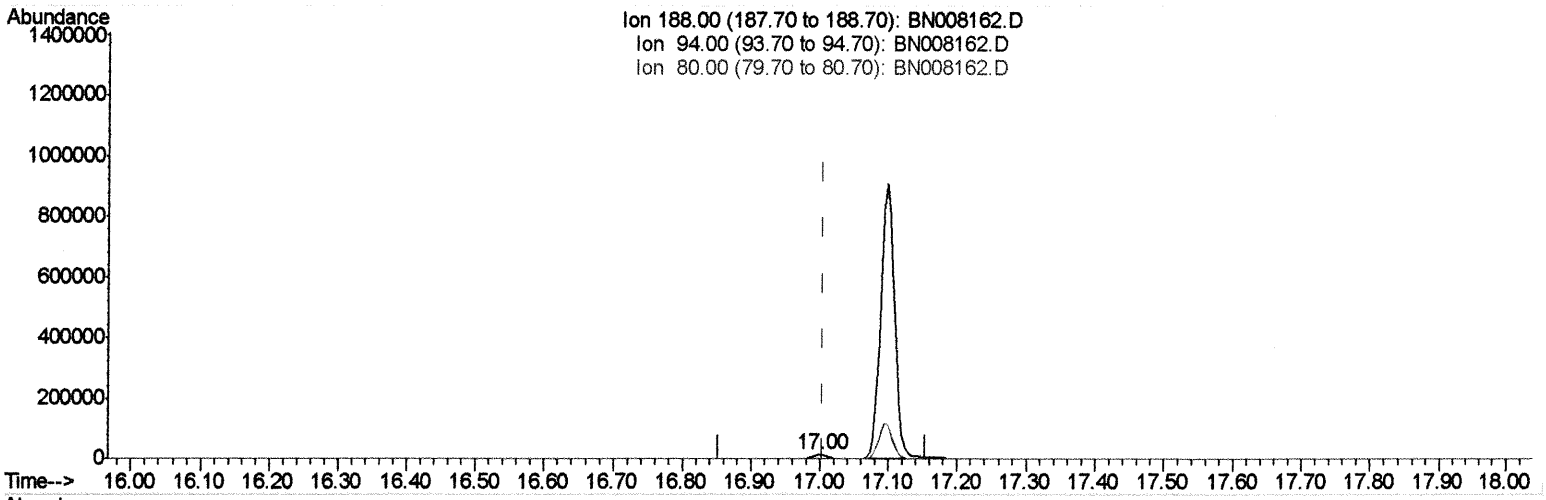
Quantitation Report (Qedit)

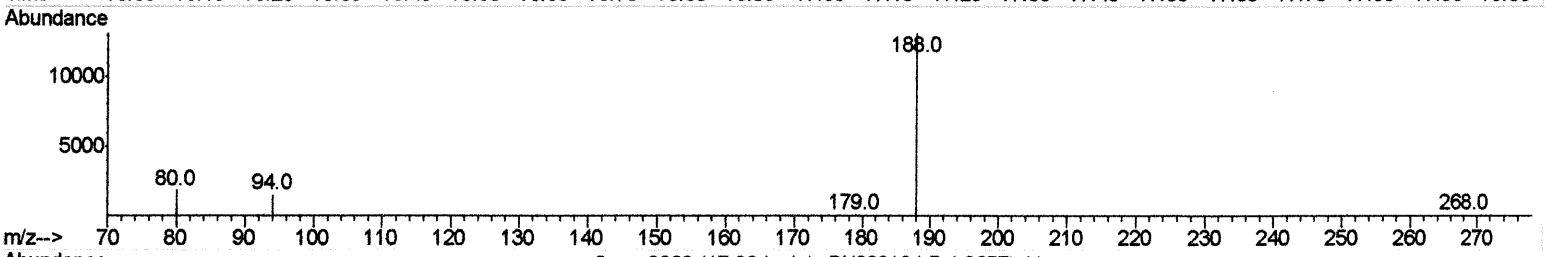
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008162.D
Acq On : 15 Oct 2019 08:20
Operator : JU
Sample : K5097-13
Misc :
ALS Vial : 30 Sample Multiplier: 1

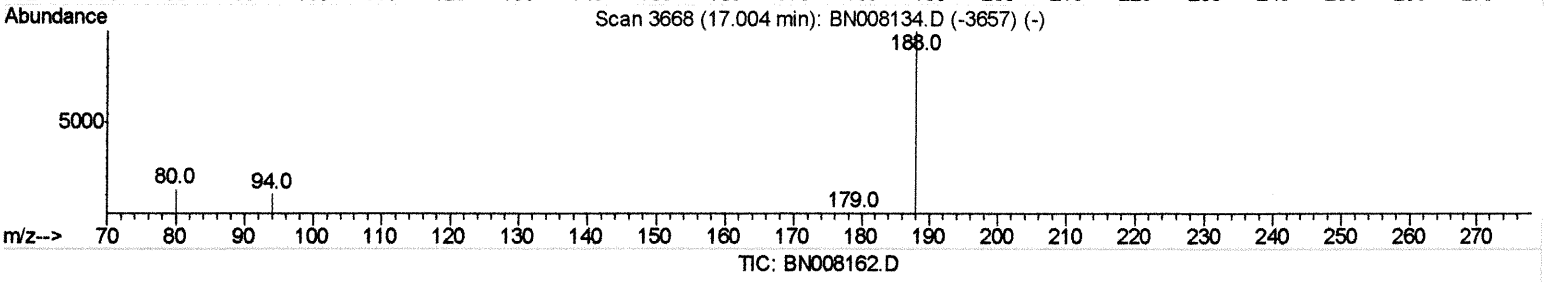
Quant Time: Oct 15 08:53:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 15 05:17:53 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLMF0

Manual Integrations APPROVED
mohammad
10/15/2019 1:31:03 PM







TIC: BN008162.D

(10) Phenanthrene-d10 (I)

17.000min (-0.004) 0.40ng/ul m JR 10/16/19

response 18741

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	11.31
80.00	12.60	13.82
0.00	0.00	0.00

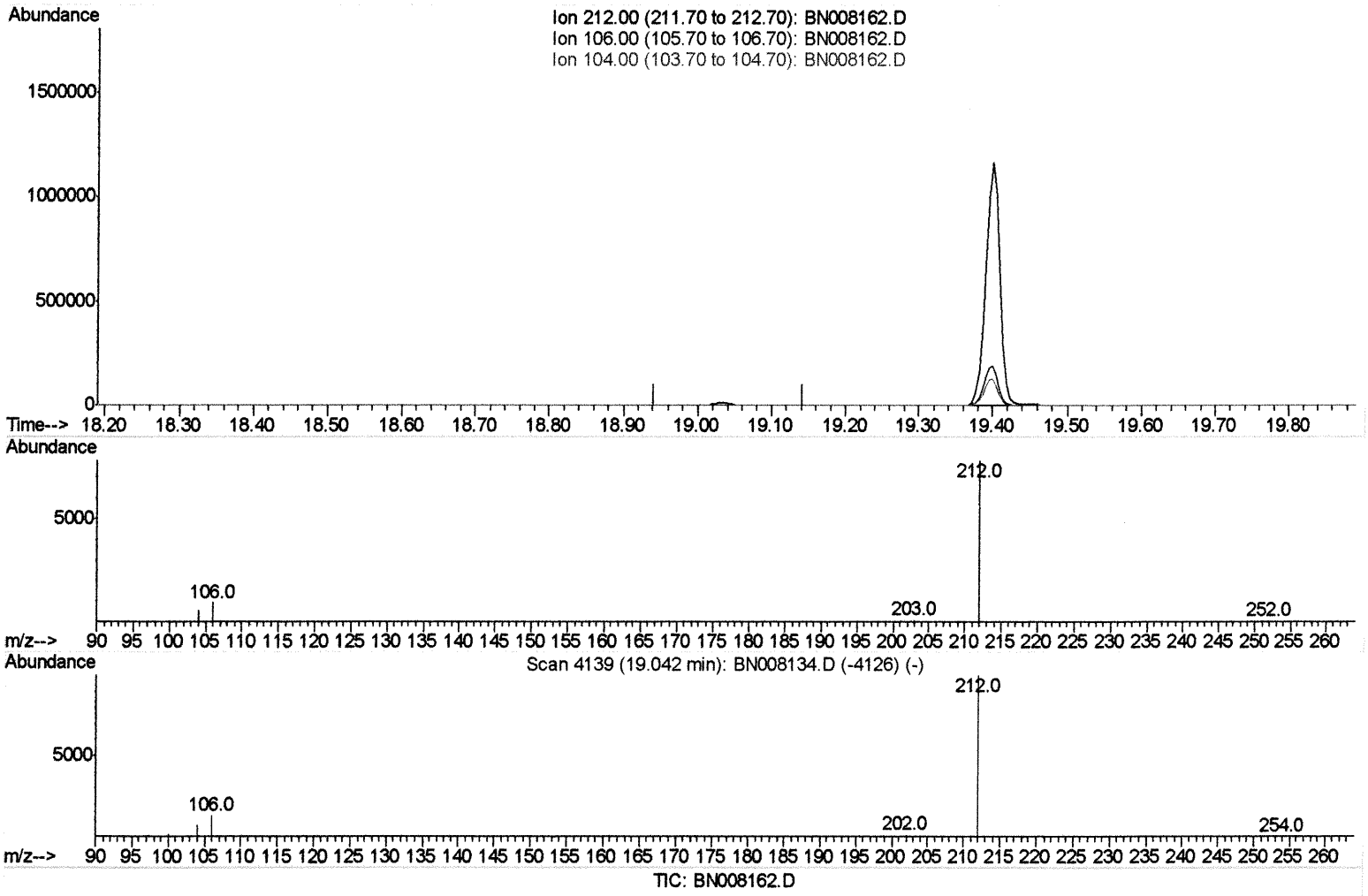
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008162.D
Acq On : 15 Oct 2019 08:20
Operator : JU
Sample : K5097-13
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Oct 15 08:58:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 15 05:17:53 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLMF0

Manual Integrations APPROVED
mohammad
10/15/2019 1:31:03 PM



(14) Fluoranthene-d10 (SURR)

19.042min (-19.042) 0.00ng/ul

response 0

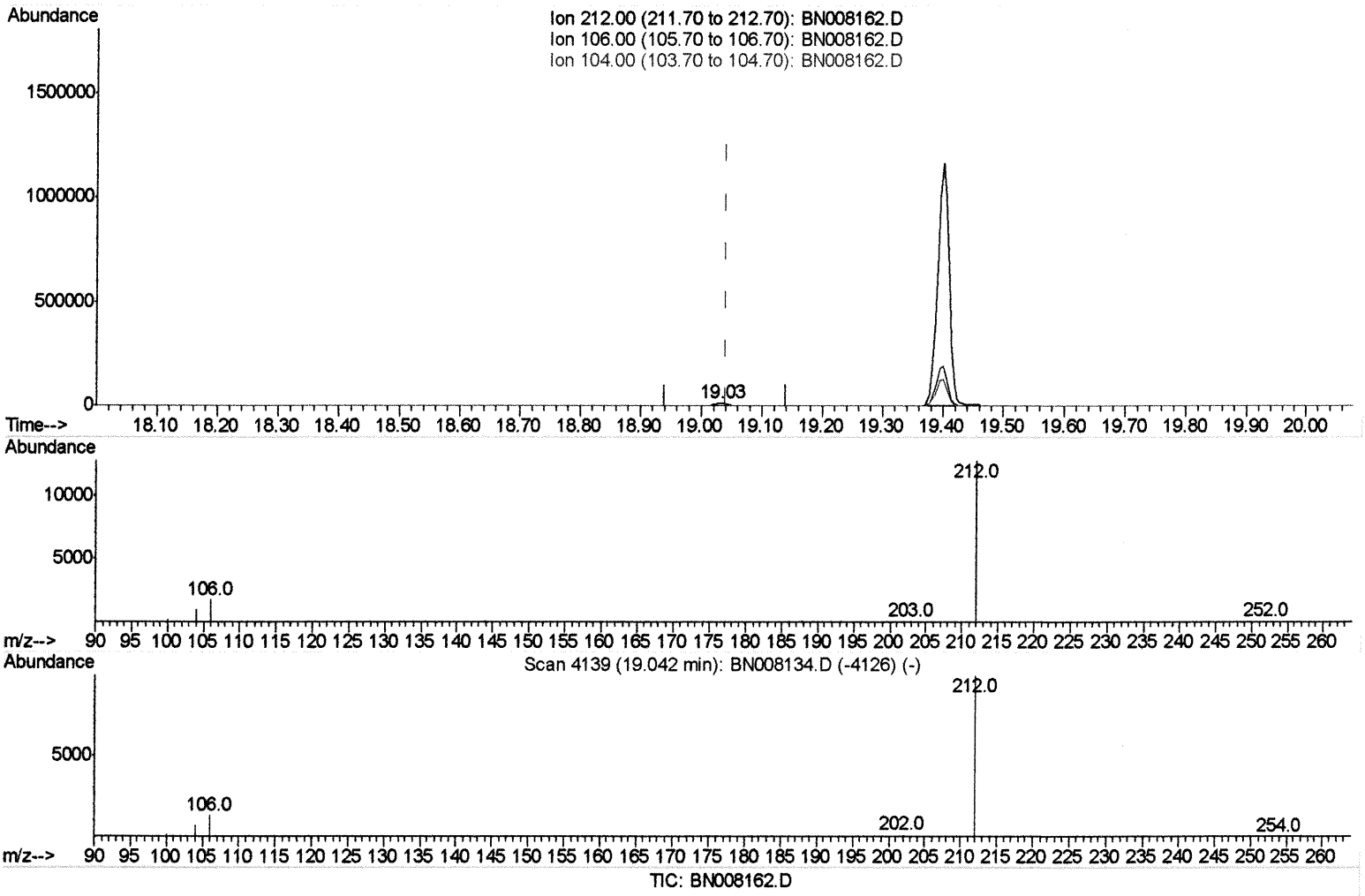
Ion	Exp%	Act%
212.00	100	0.00
106.00	12.70	0.00#
104.00	7.20	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008162.D
Acq On : 15 Oct 2019 08:20
Operator : JU
Sample : K5097-13
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Oct 15 08:58:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 15 05:17:53 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLMF0

Manual Integrations APPROVED
mohammad
10/15/2019 1:31:03 PM



TIC: BN008162.D

(14) Fluoranthene-d10 (SURR)

19.032min (-0.010) 0.27ng/ul m JU 10/16/19

response 17611

Ion	Exp%	Act%
212.00	100	100
106.00	12.70	0.00#
104.00	7.20	0.00#
0.00	0.00	0.00

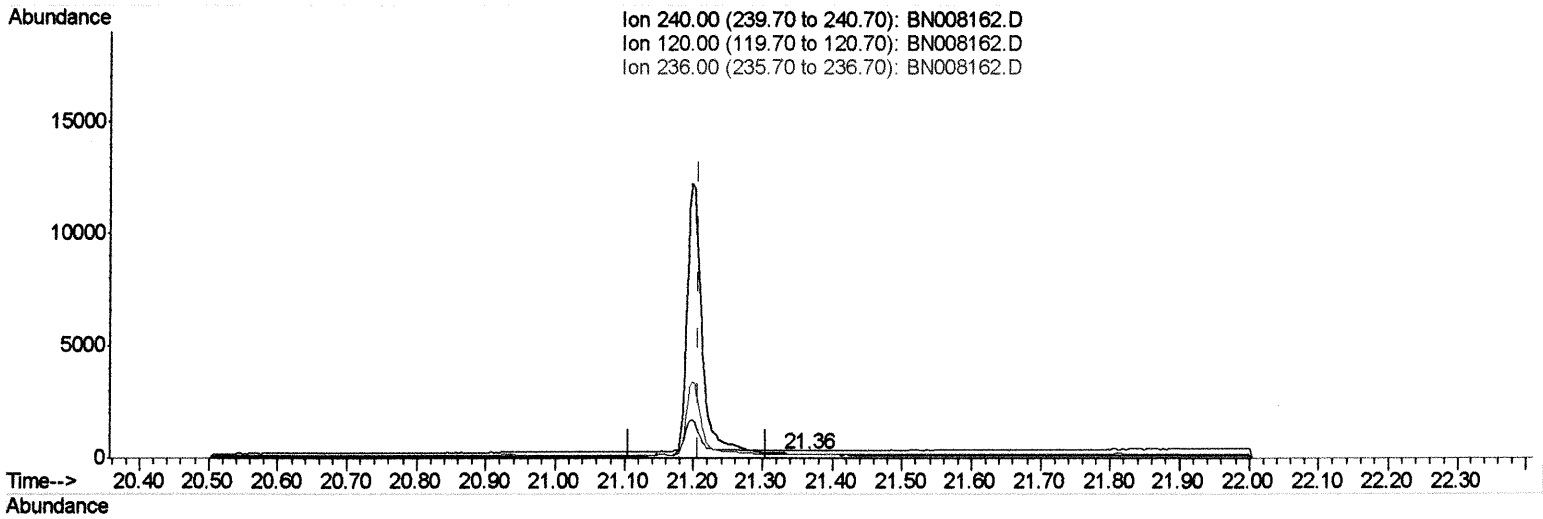
Quantitation Report (Qedit)

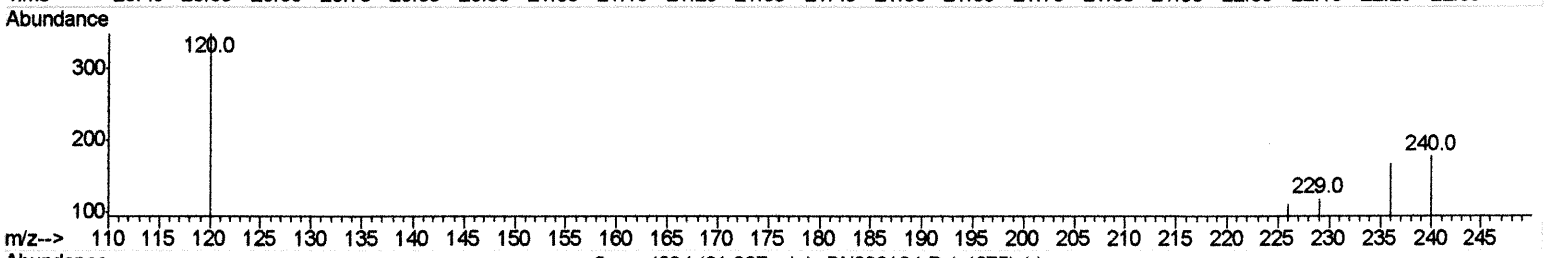
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008162.D
Acq On : 15 Oct 2019 08:20
Operator : JU
Sample : K5097-13
Misc :
ALS Vial : 30 Sample Multiplier: 1

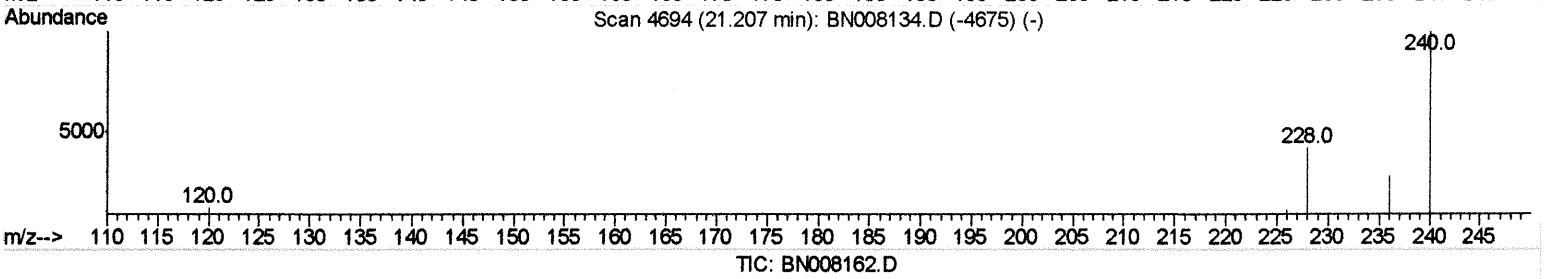
Quant Time: Oct 15 08:58:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 15 05:17:53 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLMF0

Manual Integrations APPROVED
mohammad
10/15/2019 1:31:03 PM







TIC: BN008162.D

(16) Chrysene-d12 (I)

21.364min (+0.158) 0.40ng/ul

response 54

Ion	Exp%	Act%
240.00	100	100
120.00	14.70	196.61#
236.00	28.40	94.35#
0.00	0.00	0.00

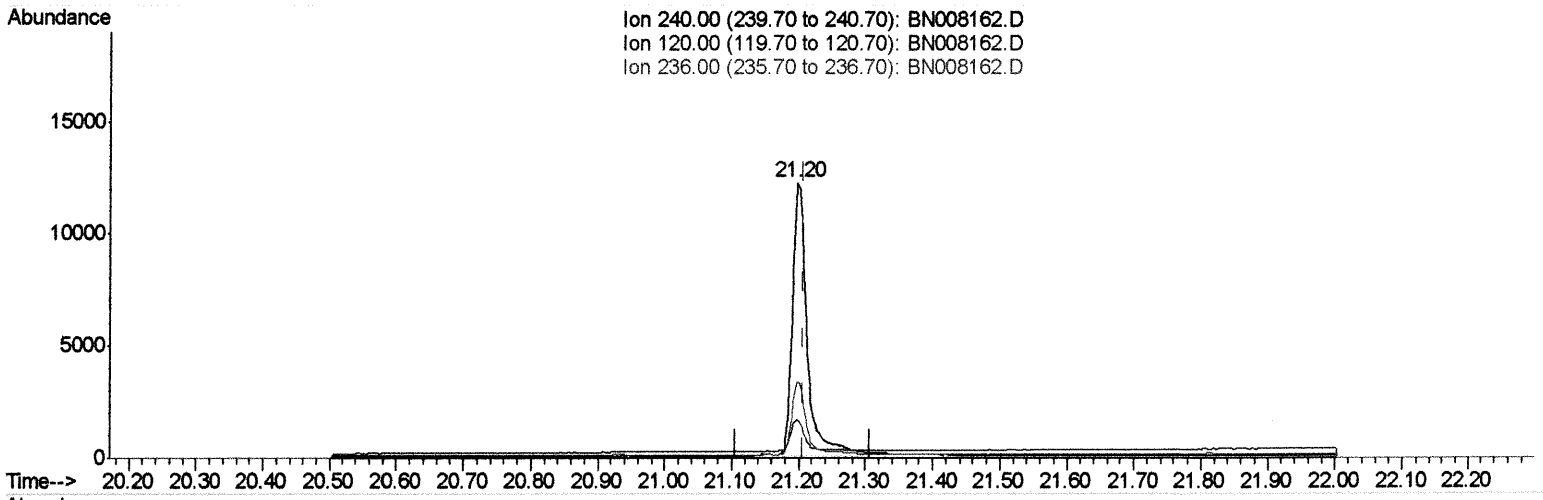
Quantitation Report (Qedit)

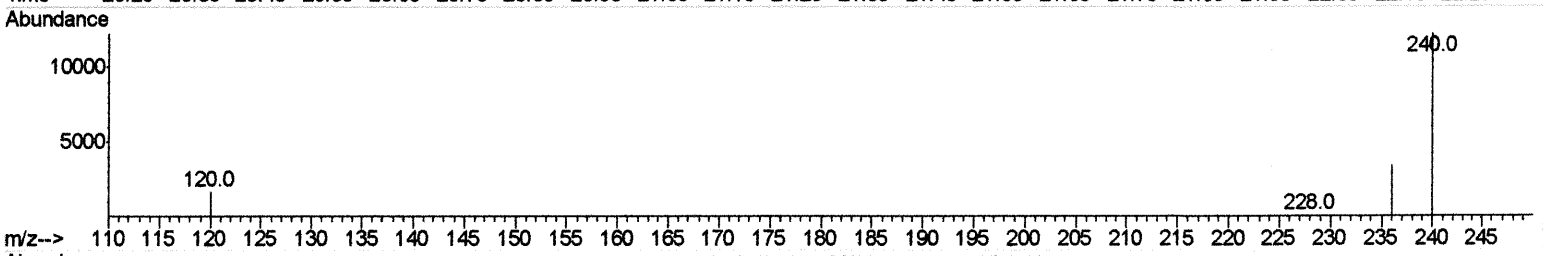
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008162.D
Acq On : 15 Oct 2019 08:20
Operator : JU
Sample : K5097-13
Misc :
ALS Vial : 30 Sample Multiplier: 1

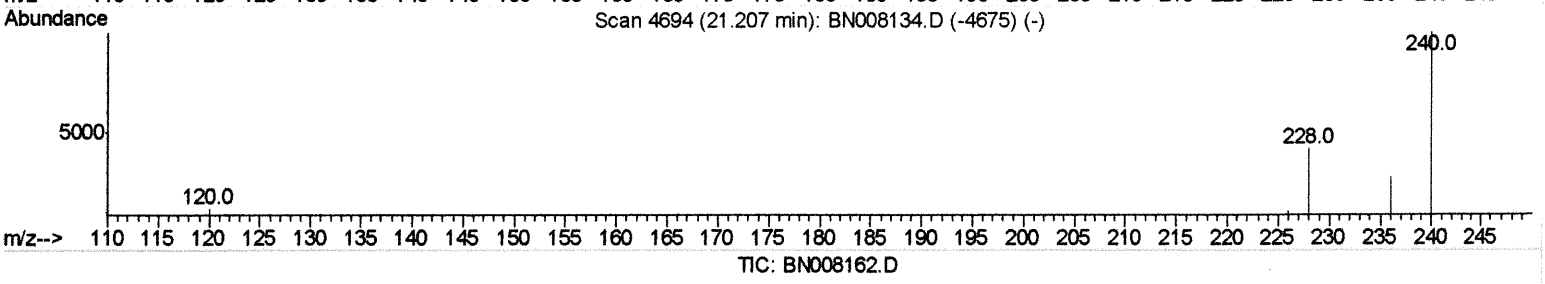
Quant Time: Oct 15 08:58:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 15 05:17:53 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLMF0

Manual Integrations APPROVED
mohammad
10/15/2019 1:31:03 PM







TIC: BN008162.D

(16) Chrysene-d12 (I)

21.198min (-0.009) 0.40ng/ul m JLC 10/16/19

response 18483

Ion	Exp%	Act%
240.00	100	100
120.00	14.70	14.07
236.00	28.40	27.96
0.00	0.00	0.00

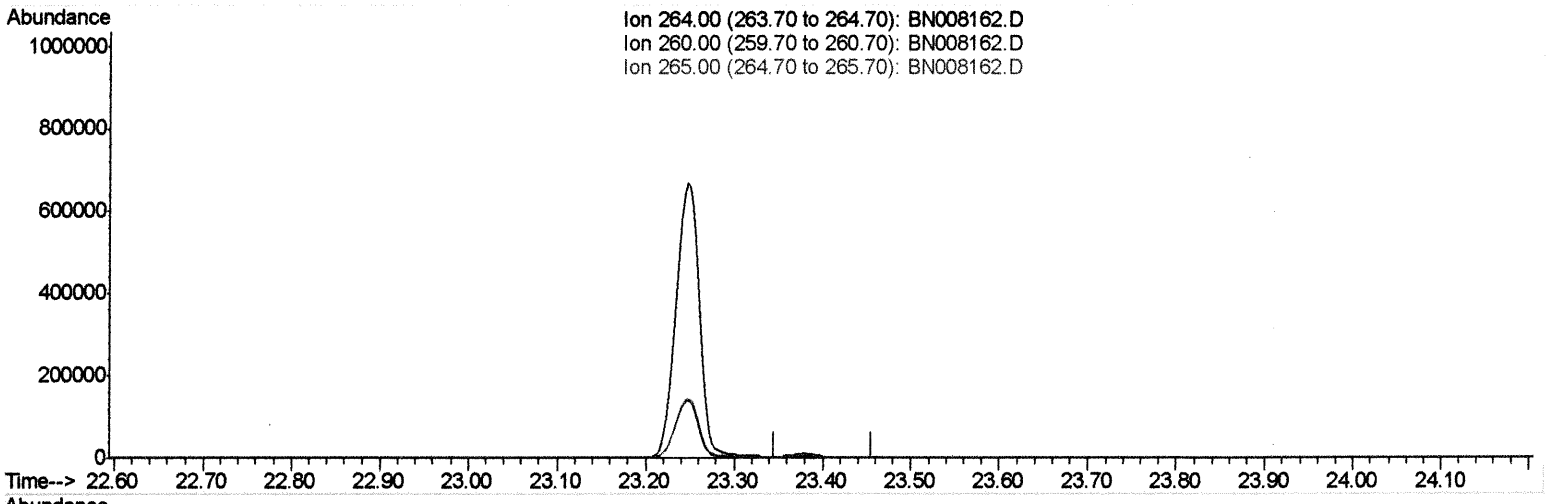
Quantitation Report (Qedit)

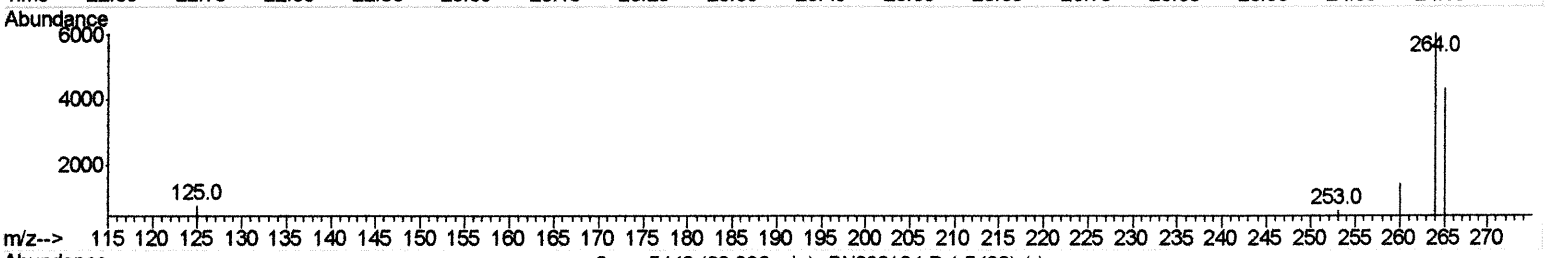
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008162.D
Acq On : 15 Oct 2019 08:20
Operator : JU
Sample : K5097-13
Misc :
ALS Vial : 30 Sample Multiplier: 1

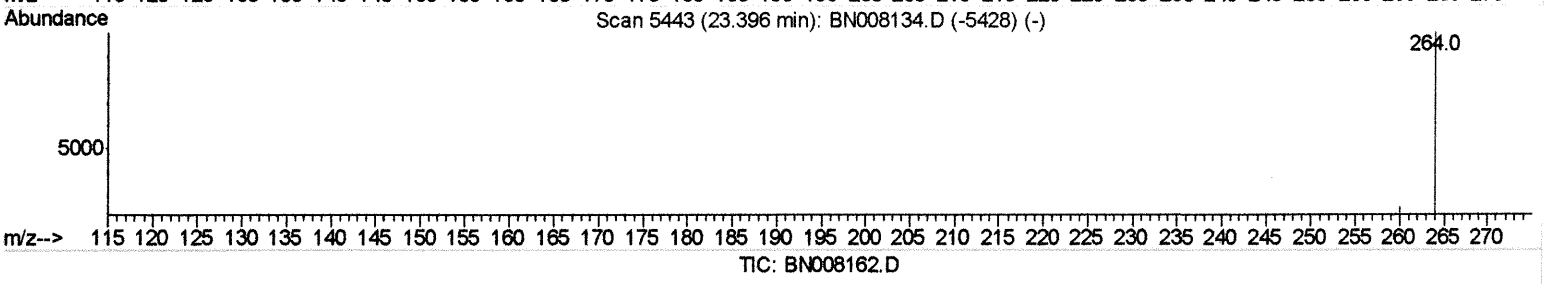
Quant Time: Oct 15 08:59:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 15 05:17:53 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLMF0

Manual Integrations APPROVED
mohammad
10/15/2019 1:31:03 PM







(20) Perylene-d12 (I)

23.396min (-23.396) 0.00ng/ul

response 0

Ion	Exp%	Act%
264.00	100	0.00
260.00	25.60	0.00#
265.00	74.00	0.00#
0.00	0.00	0.00

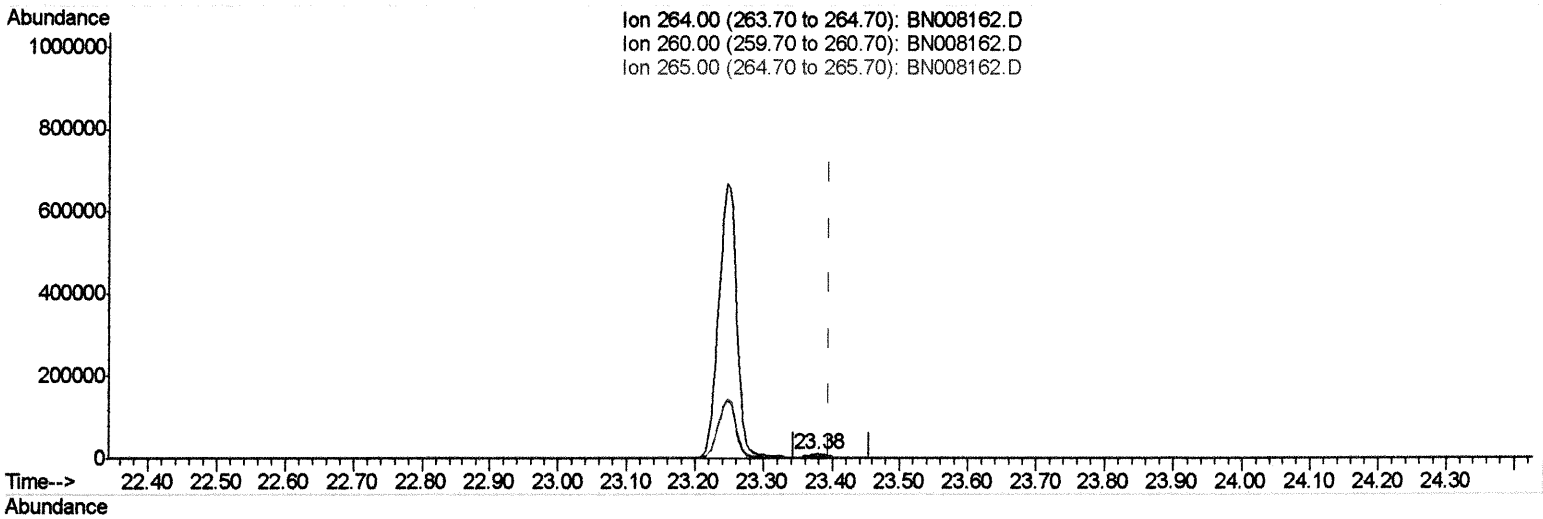
Quantitation Report (Qedit)

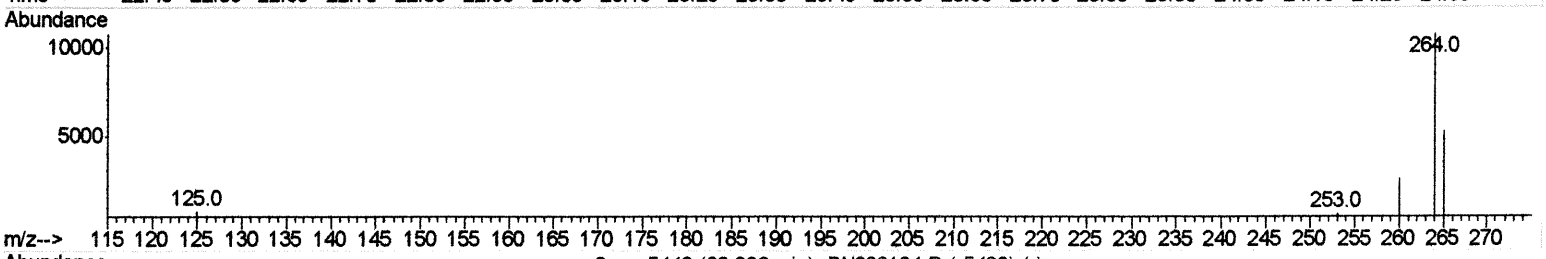
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008162.D
Acq On : 15 Oct 2019 08:20
Operator : JU
Sample : K5097-13
Misc :
ALS Vial : 30 Sample Multiplier: 1

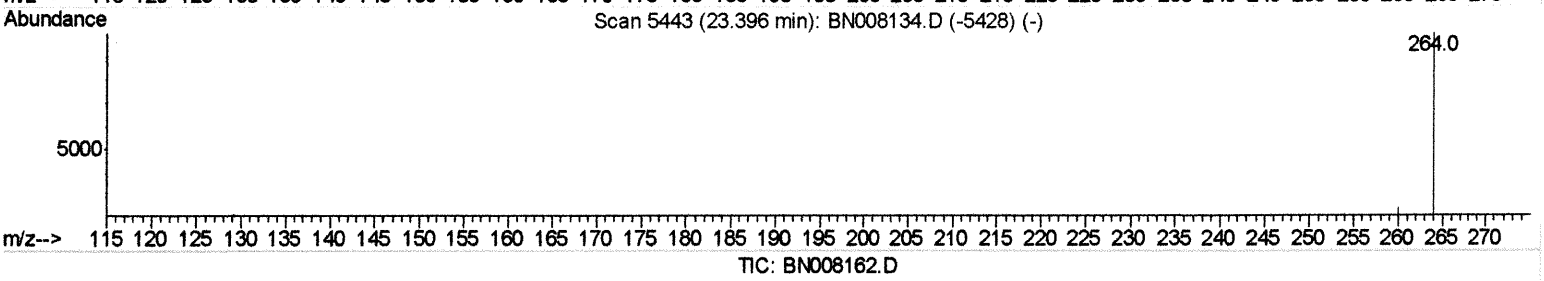
Quant Time: Oct 15 08:59:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 15 05:17:53 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLMF0

Manual Integrations APPROVED
mohammad
10/15/2019 1:31:03 PM







(20) Perylene-d12 (I)

23.378min (-0.018) 0.40ng/ul m JU 10/16/19

response 14074

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	24.35
265.00	74.00	49.06#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008162.D
Acq On : 15 Oct 2019 08:20
Operator : JU
Sample : K5097-13
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLMF0

Manual Integrations APPROVED
mohammad
10/15/2019 1:31:03 PM

Quant Time: Oct 15 09:00:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 15 05:17:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	2459	0.40	ng/ul	0.00
2) Naphthalene-d8	10.38	136	12360	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	8201	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	18741m	0.40	ng/ul	0.00
16) Chrysene-d12	21.20	240	18483m	0.40	ng/ul	0.00
20) Perylene-d12	23.38	264	14074m	0.40	ng/ul	-0.02

JU 10/16/19

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	5597	0.27	ng/ul	0.00
14) Fluoranthene-d10	19.03	212	17611m	0.27	ng/ul	0.00

JU 10/16/19

Target Compounds	Qvalue

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