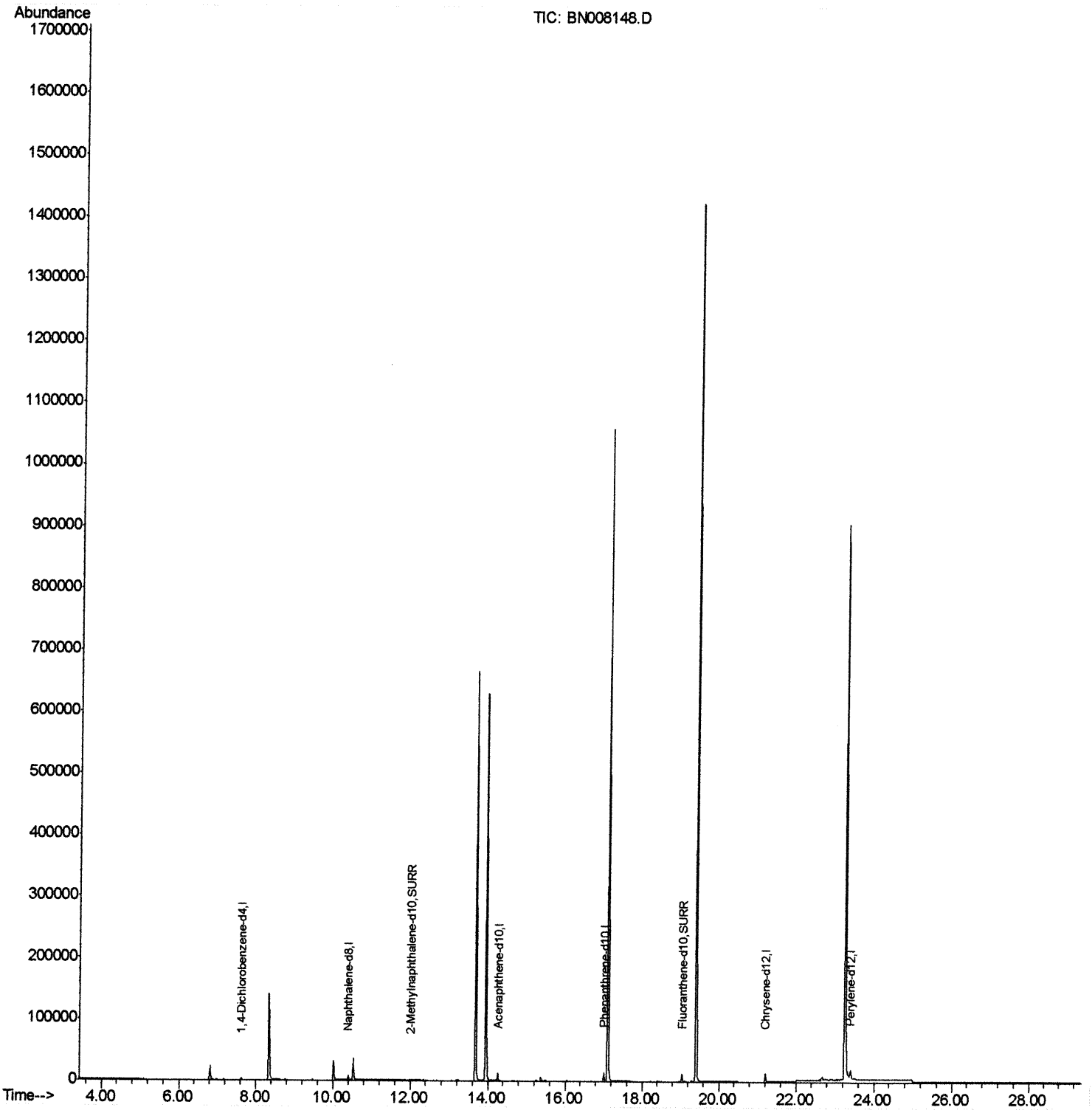
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008148.D
Acq On : 14 Oct 2019 23:24
Operator : JU
Sample : PB123503BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 15 04:13:38 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 : Mon Oct 14 17:19:29 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SBLK03

Manual Integrations APPROVED
mohammad
10/15/2019 1:30:25 PM



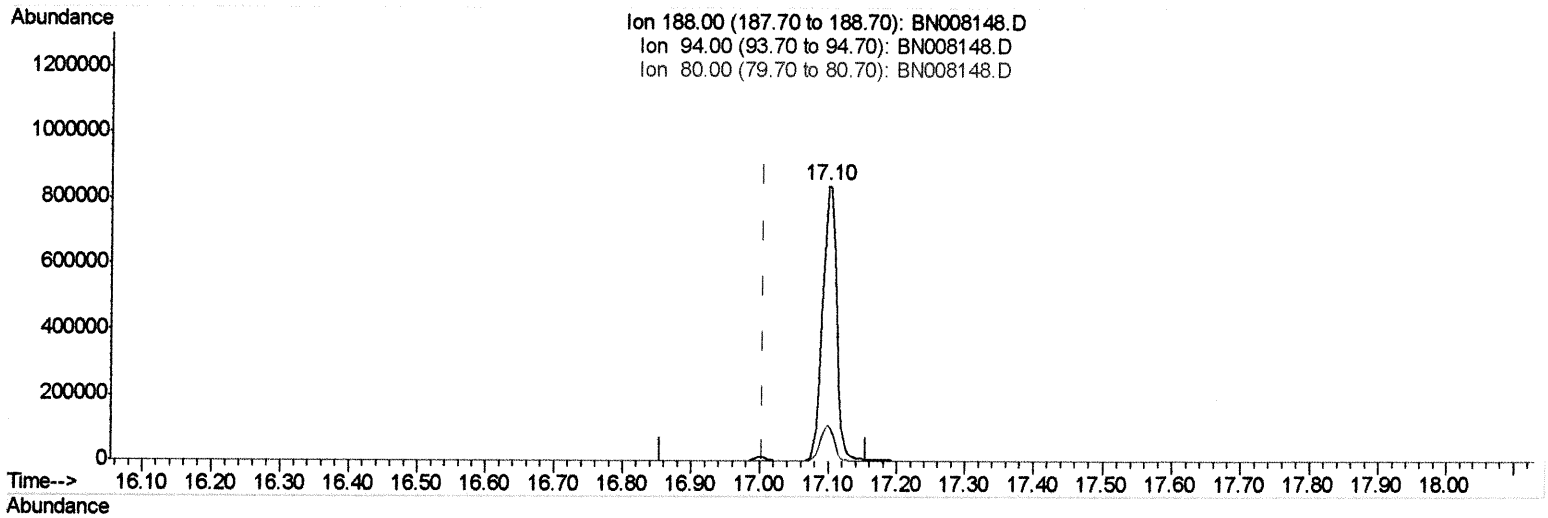
Quantitation Report (Qedit)

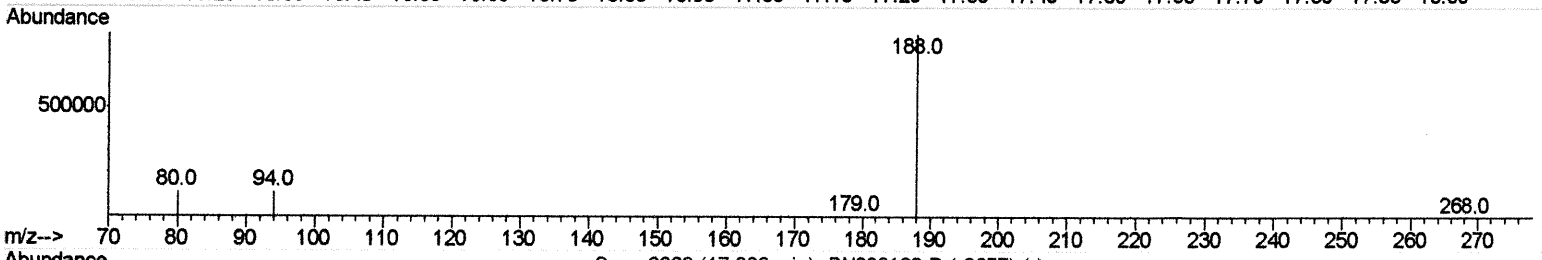
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008148.D
Acq On : 14 Oct 2019 23:24
Operator : JU
Sample : PB123503BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

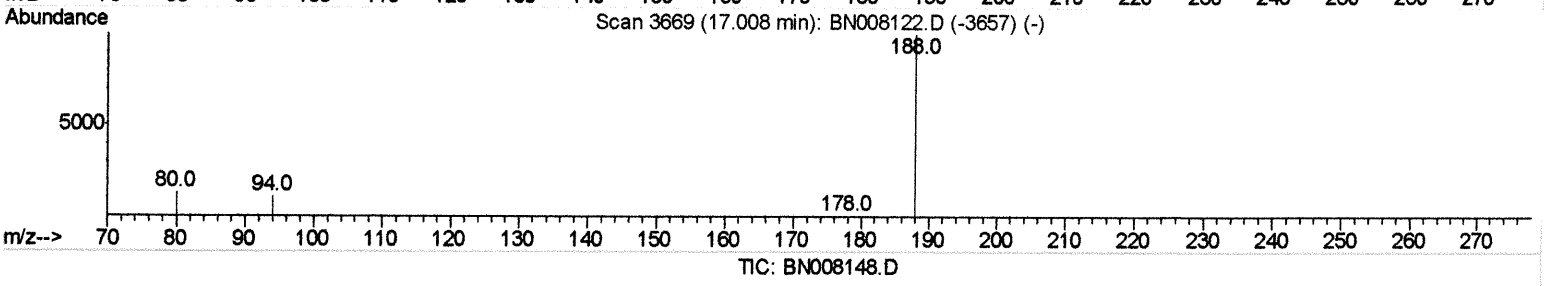
Quant Time: Oct 15 03:02:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 14 17:19:29 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SBLK03

Manual Integrations APPROVED
mohammad
10/15/2019 1:30:25 PM







TIC: BN008148.D

(10) Phenanthrene-d10 (I)

17.097min (+0.093) 0.40ng/ul

response 1178150

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	13.18#
80.00	12.60	13.04
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008148.D
Acq On : 14 Oct 2019 23:24
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Sample : PB123503BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 15 03:02:59 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 : Mon Oct 14 17:19:29 2019
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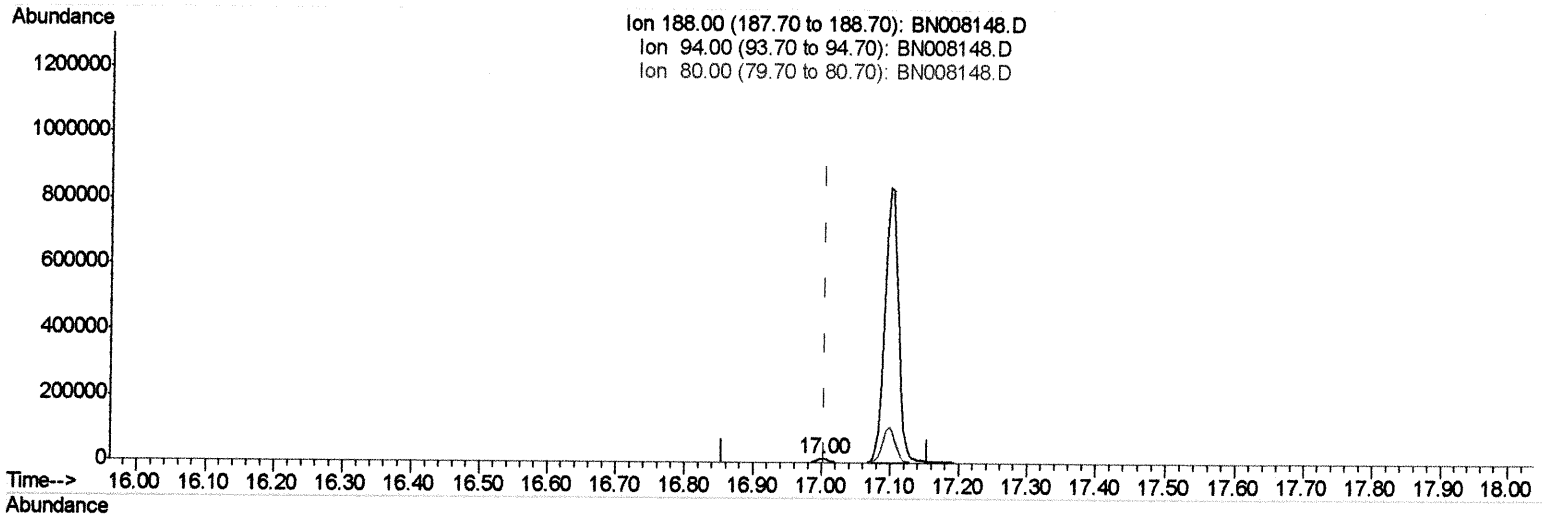
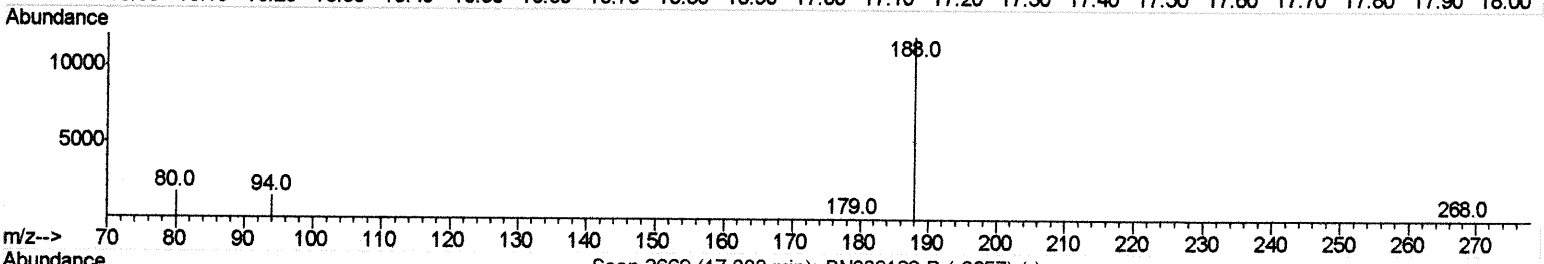
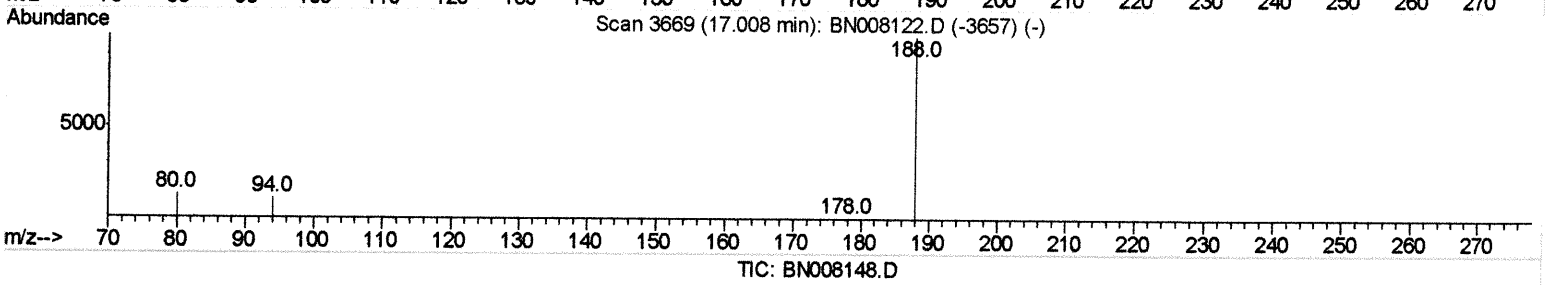
BNA_N
ClientSampleId :
SBLK03

Manual Integrations APPROVED
mohammad
10/15/2019 1:30:25 PM







TIC: BN008148.D

(10) Phenanthrene-d10 (I)

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

response 17259

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	11.71
80.00	12.60	14.00
0.00	0.00	0.00

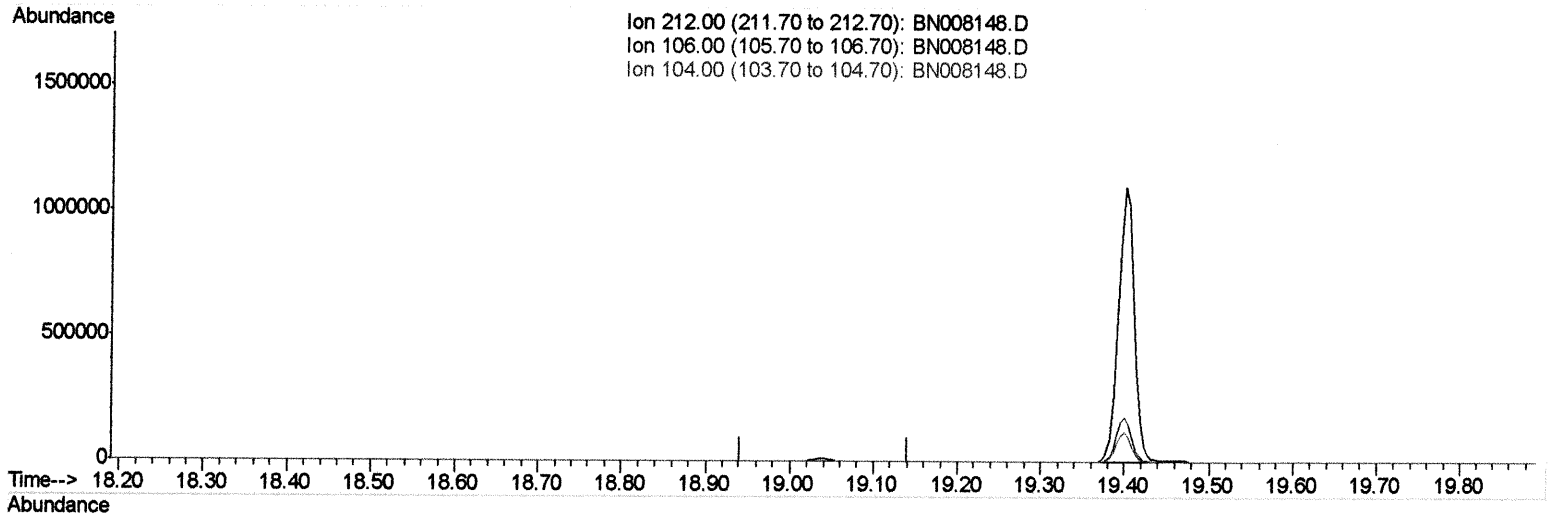
Quantitation Report (Qedit)

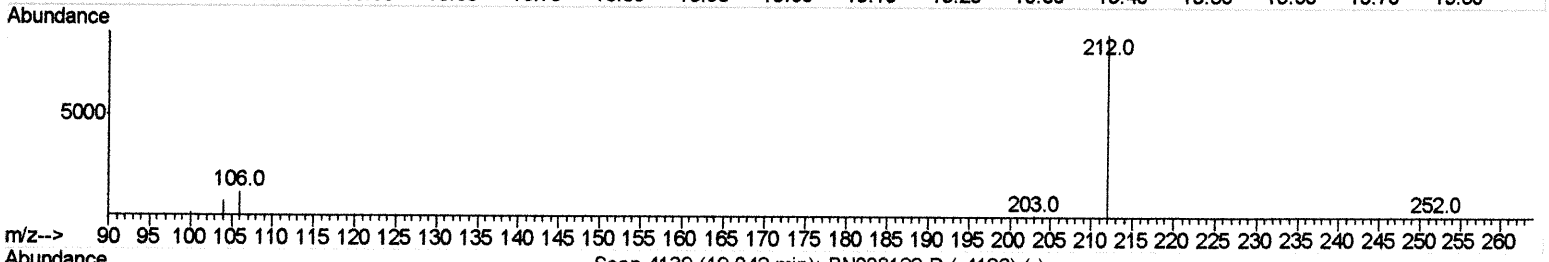
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008148.D
Acq On : 14 Oct 2019 23:24
Operator : JU
Sample : PB123503BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 15 04:11:47 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 : Mon Oct 14 17:19:29 2019
Response via : Initial Calibration

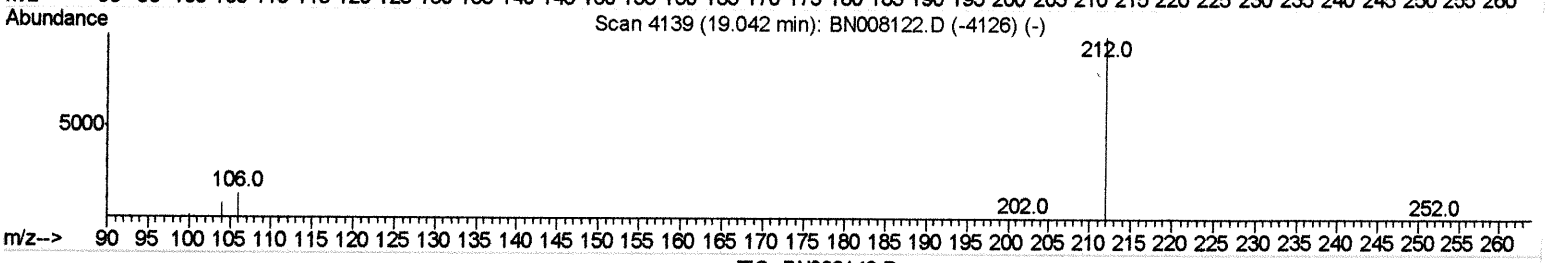
Instrument :
BNA_N
ClientSampleId :
SBLK03

Manual Integrations APPROVED
mohammad
10/15/2019 1:30:25 PM





Scan 4139 (19.042 min): BN008122.D (-4126) (-)



TIC: BN008148.D

(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

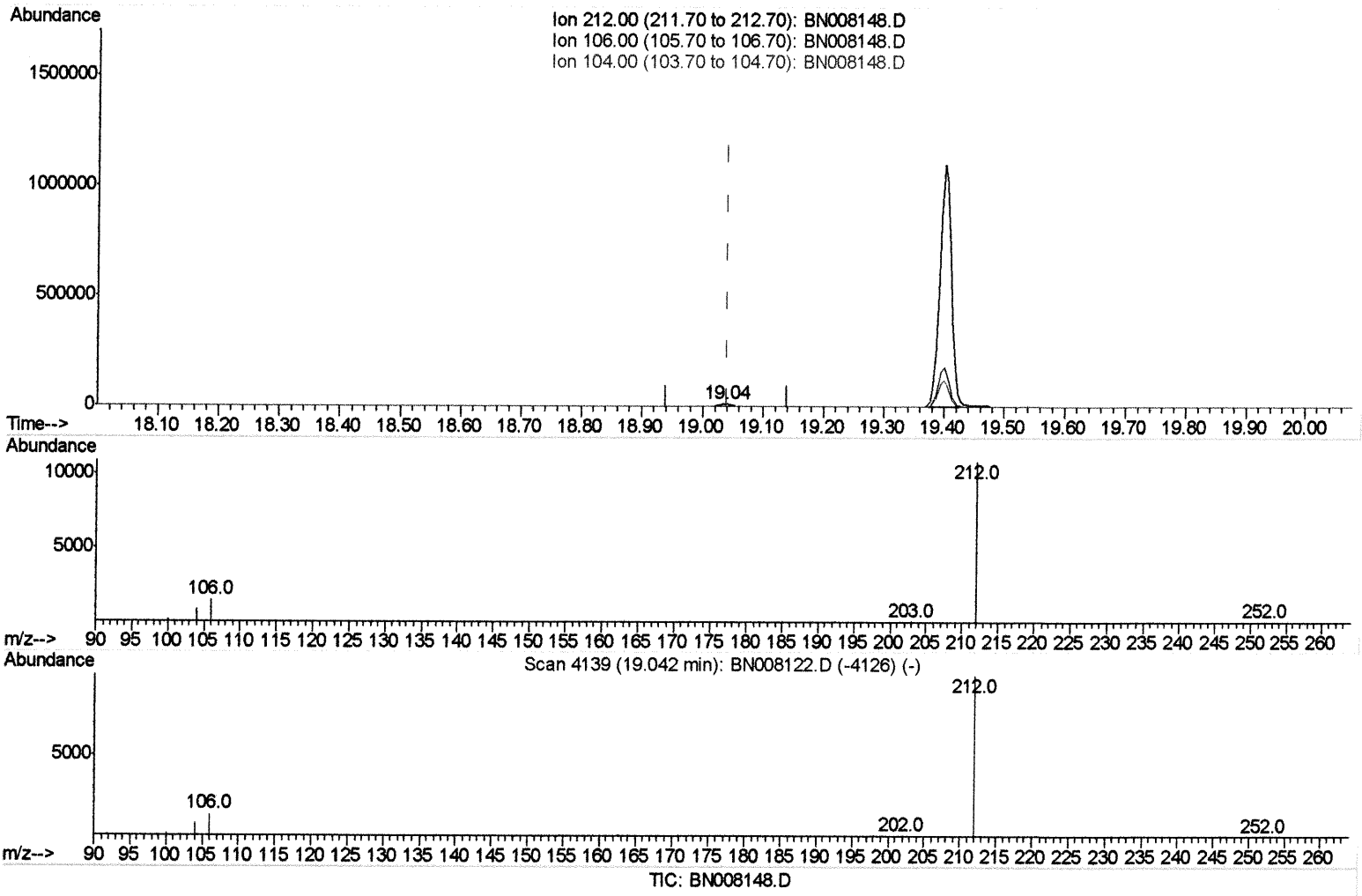
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008148.D
Acq On : 14 Oct 2019 23:24
Operator : JU
Sample : PB123503BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 15 04:11:47 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 : Mon Oct 14 17:19:29 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SBLK03

Manual Integrations APPROVED
mohammad
10/15/2019 1:30:25 PM



TIC: BN008148.D

(14) Fluoranthene-d10 (SURR)

19.037min (-0.005) 0.26ng/ul m RA 10/16/19

response 15414

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

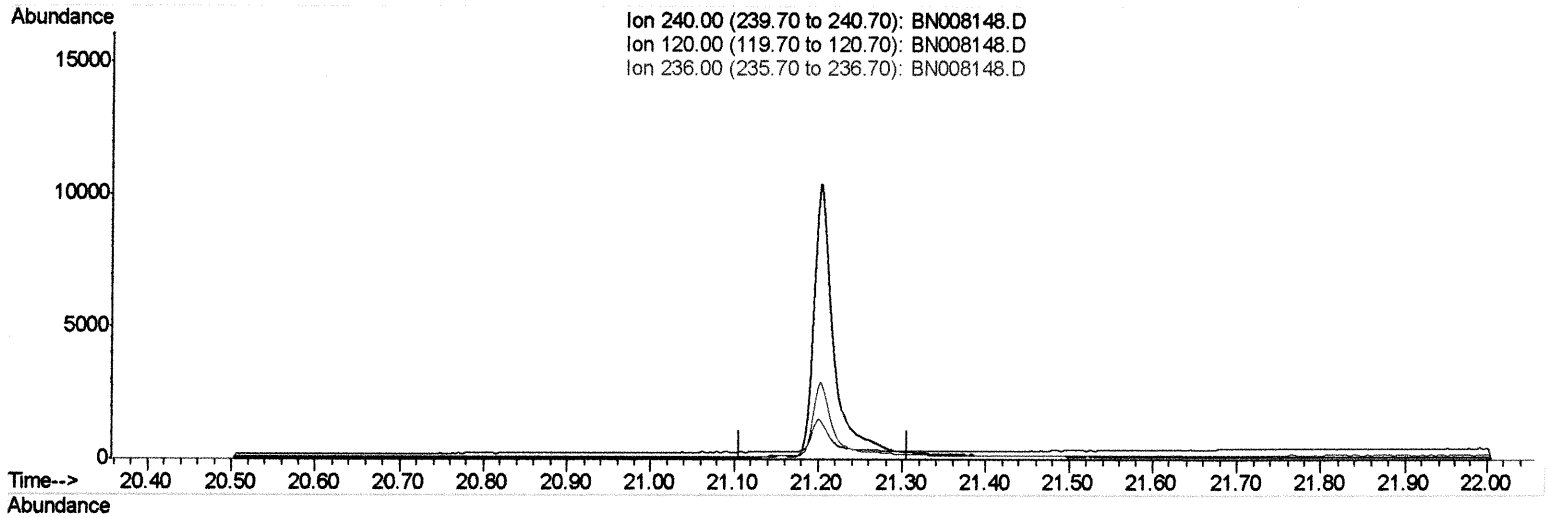
Quantitation Report (Qedit)

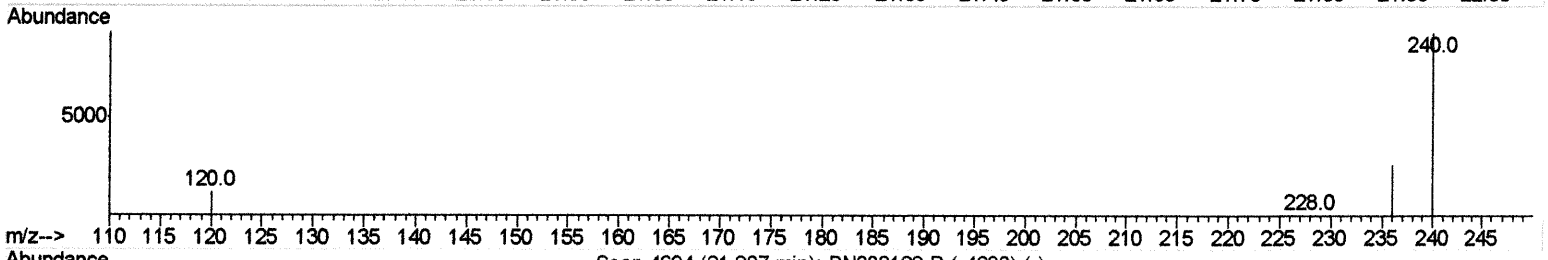
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008148.D
Acq On : 14 Oct 2019 23:24
Operator : JU
Sample : PB123503BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

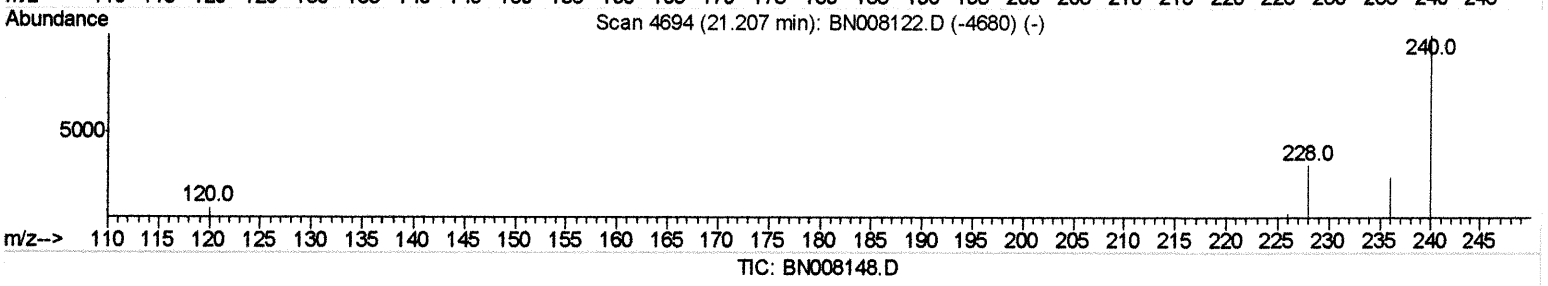
Quant Time: Oct 15 04:12:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 14 17:19:29 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SBLK03

Manual Integrations APPROVED
mohammad
10/15/2019 1:30:25 PM







(16) Chrysene-d12 (I)

21.207min (-21.207) 0.00ng/ul

response 0

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

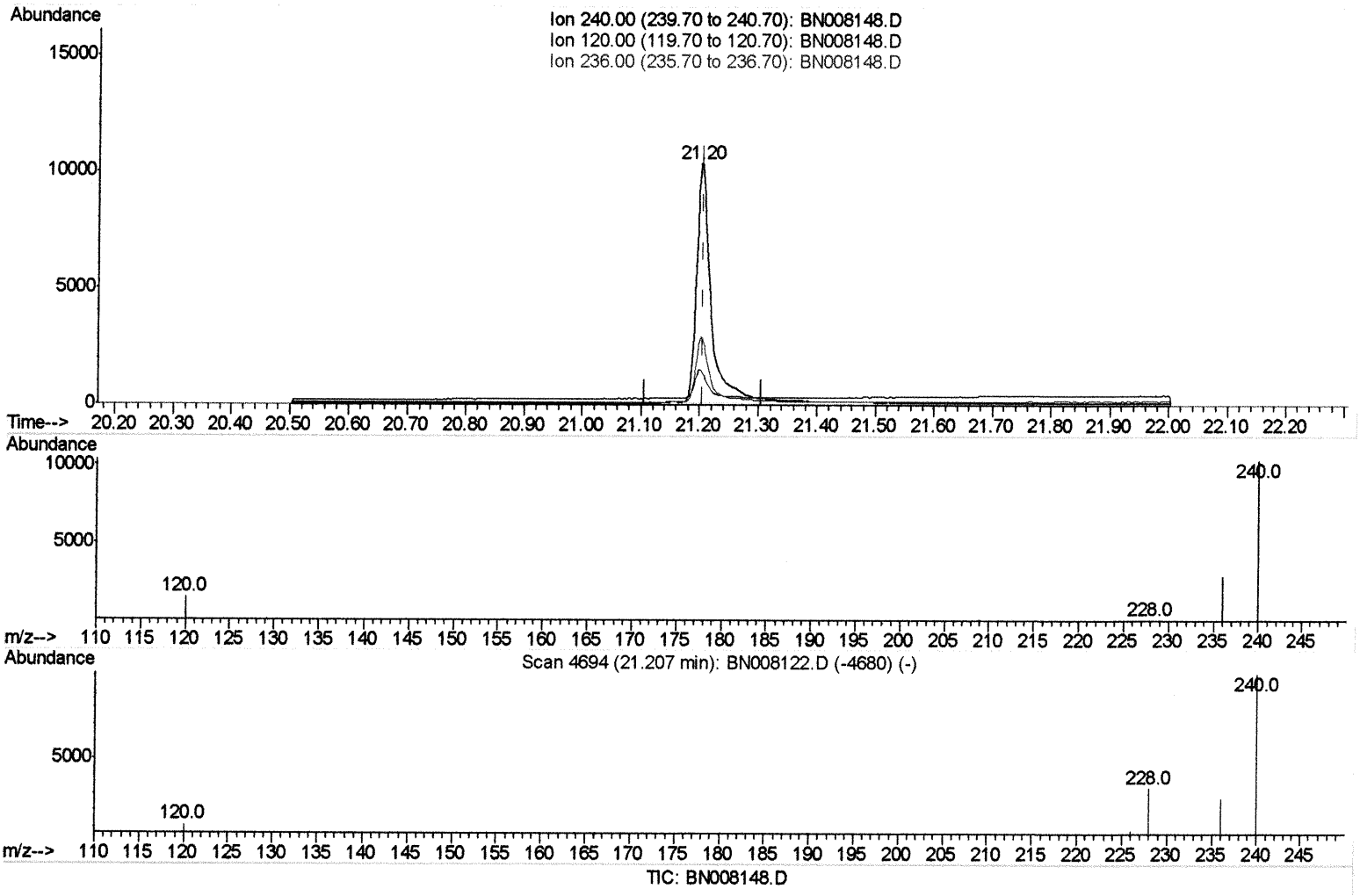
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008148.D
Acq On : 14 Oct 2019 23:24
Operator : JU
Sample : PB123503BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 15 04:12:34 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 : Mon Oct 14 17:19:29 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SBLK03

Manual Integrations APPROVED
mohammad
10/15/2019 1:30:25 PM



TIC: BN008148.D

(16) Chrysene-d12 (I)

21.201min (-0.006) 0.40ng/ul m JM 10/16/19

response 17844

Ion	Exp%	Act%
240.00	100	100
120.00	14.70	14.60
236.00	28.40	28.16
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008148.D
Acq On : 14 Oct 2019 23:24
Operator : JU
Sample : PB123503BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SBLK03

Manual Integrations APPROVED
mohammad
10/15/2019 1:30:25 PM

Quant Time: Oct 15 04:13:38 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 : Mon Oct 14 17:19:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	2229	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	11190	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	7459	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	17259m	0.40	ng/ul	0.00
16) Chrysene-d12	21.20	240	17844m	0.40	ng/ul	0.00
20) Perylene-d12	23.38	264	19984	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	4873	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	15414m	0.26	ng/ul	0.00
Target Compounds						Qvalue

JU 10/16/19

JU 10/16/19

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