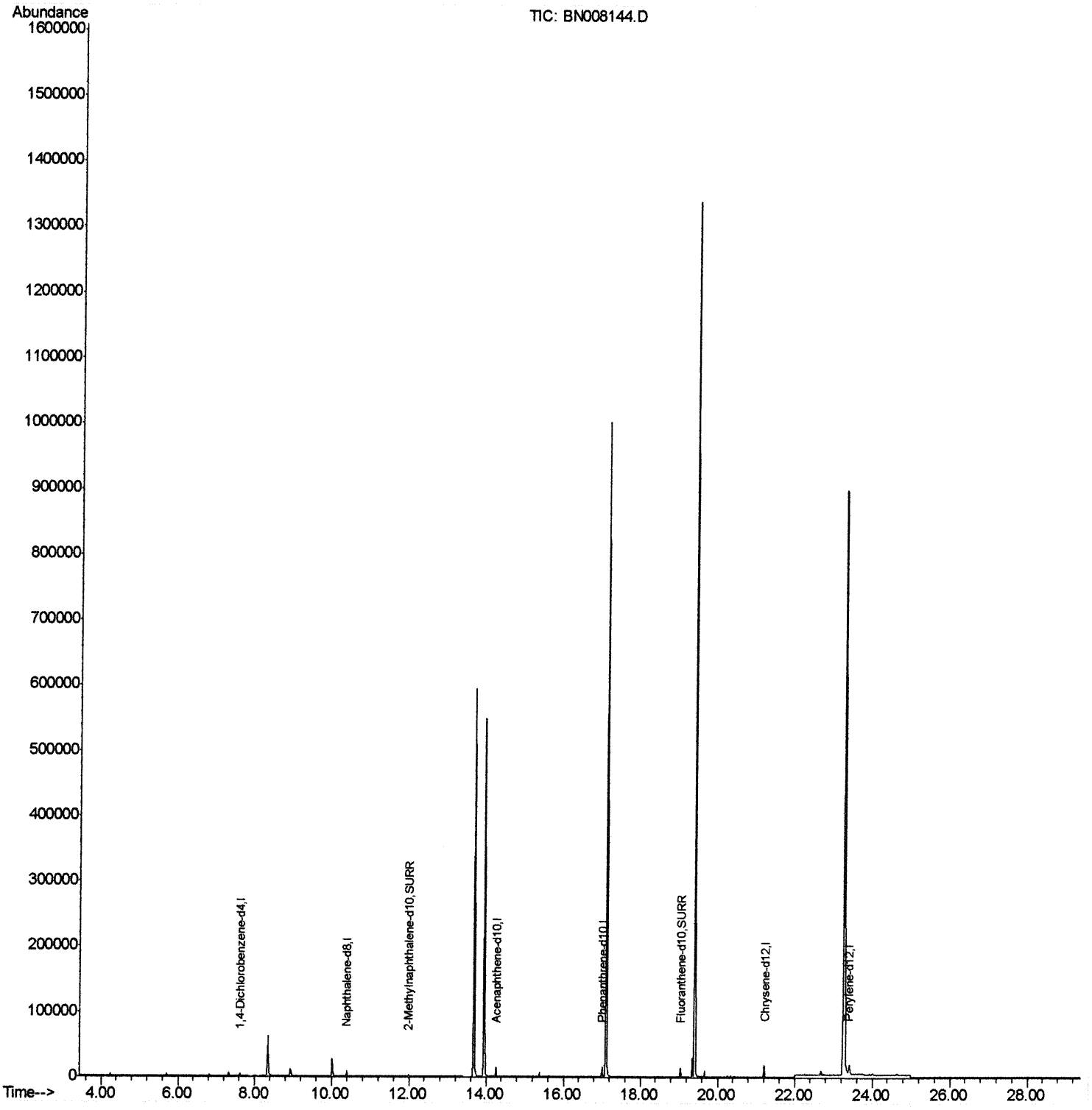
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008144.D
Acq On : 14 Oct 2019 21:01
Operator : JU
Sample : K5096-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 15 03:54:27 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 :
JLMK7

Manual Integrations APPROVED
mohammad
10/15/2019 1:30:12 PM



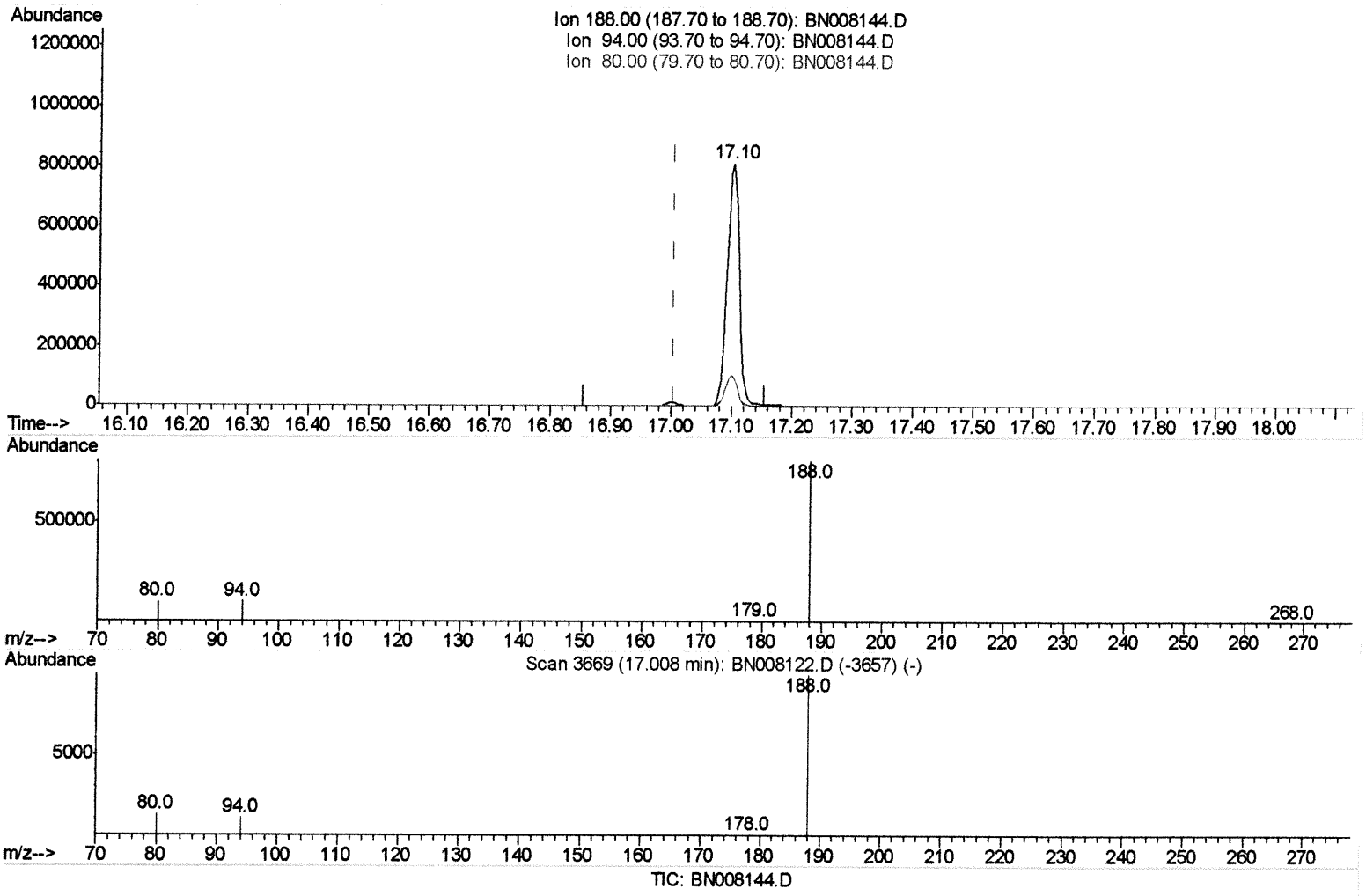
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008144.D
Acq On : 14 Oct 2019 21:01
Operator : JU
Sample : K5096-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 15 03:02:44 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 :
JLMK7

Manual Integrations APPROVED
mohammad
10/15/2019 1:30:12 PM



TIC: BN008144.D

(10) Phenanthrene-d10 (I)

17.102min (+0.097) 0.40ng/ul

response 1123437

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	12.13
80.00	12.60	11.77
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008144.D
Acq On : 14 Oct 2019 21:01
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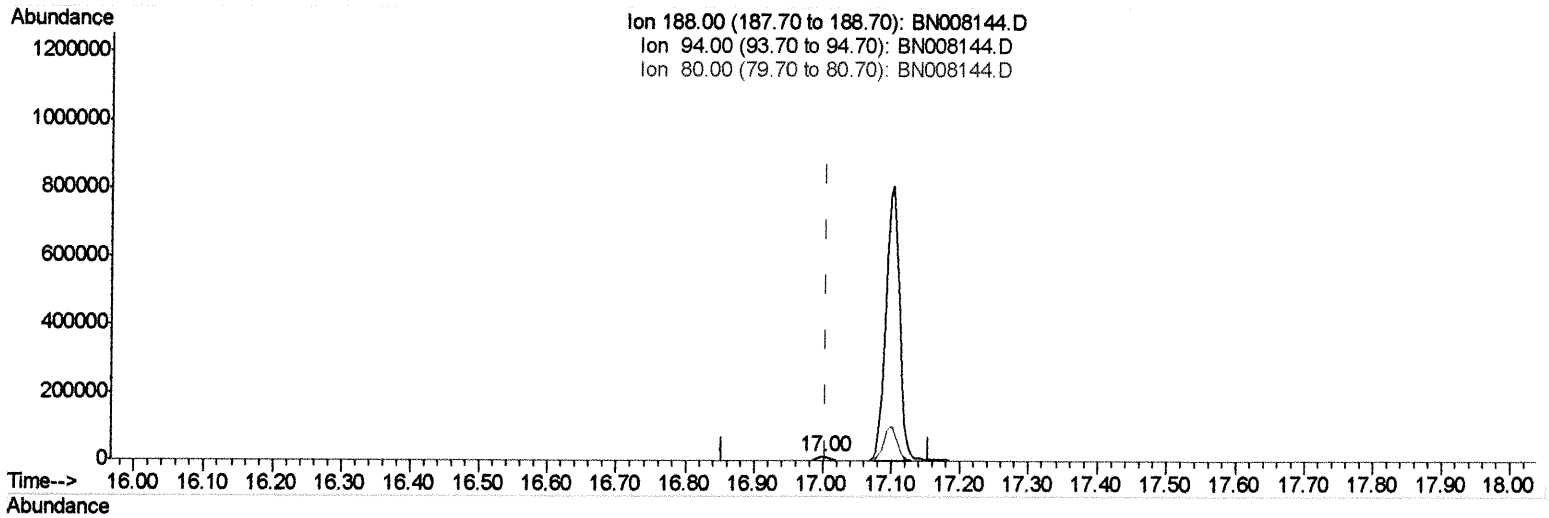
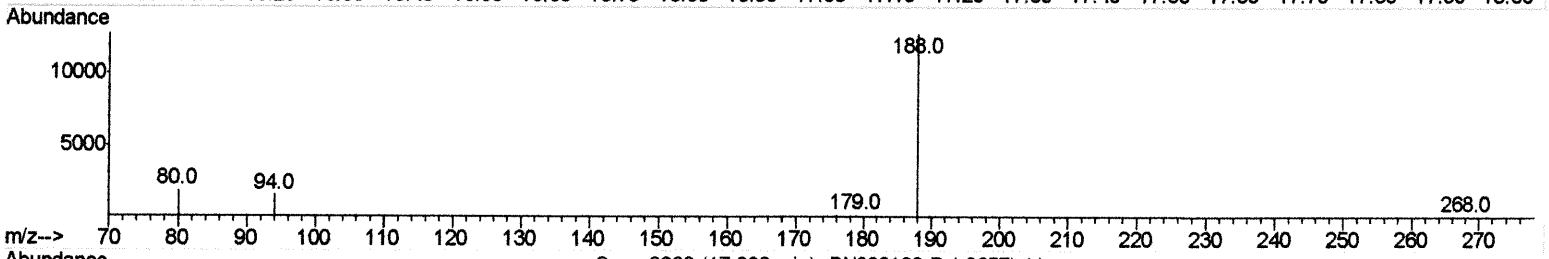
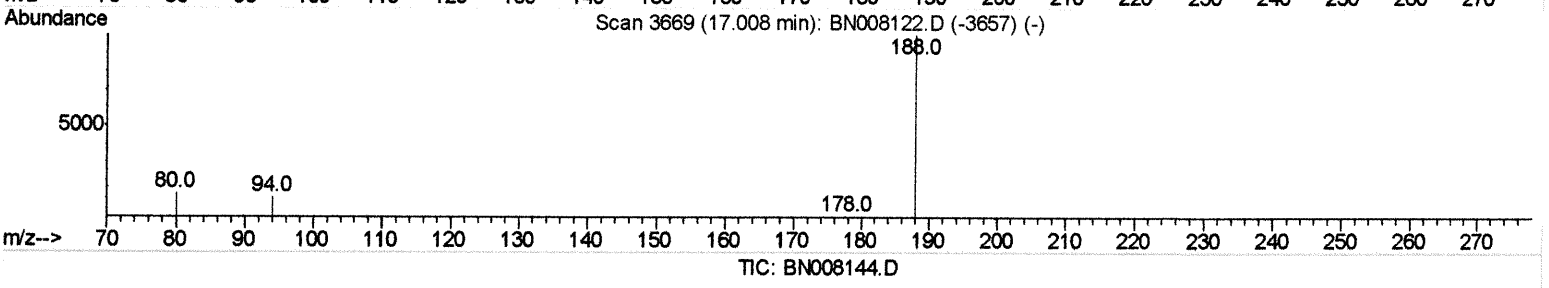
BNA_N
ClientSampleId :
JLMK7

Manual Integrations APPROVED
mohammad
10/15/2019 1:30:12 PM







TIC: BN008144.D

(10) Phenanthrene-d10 (I)

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

response 17896

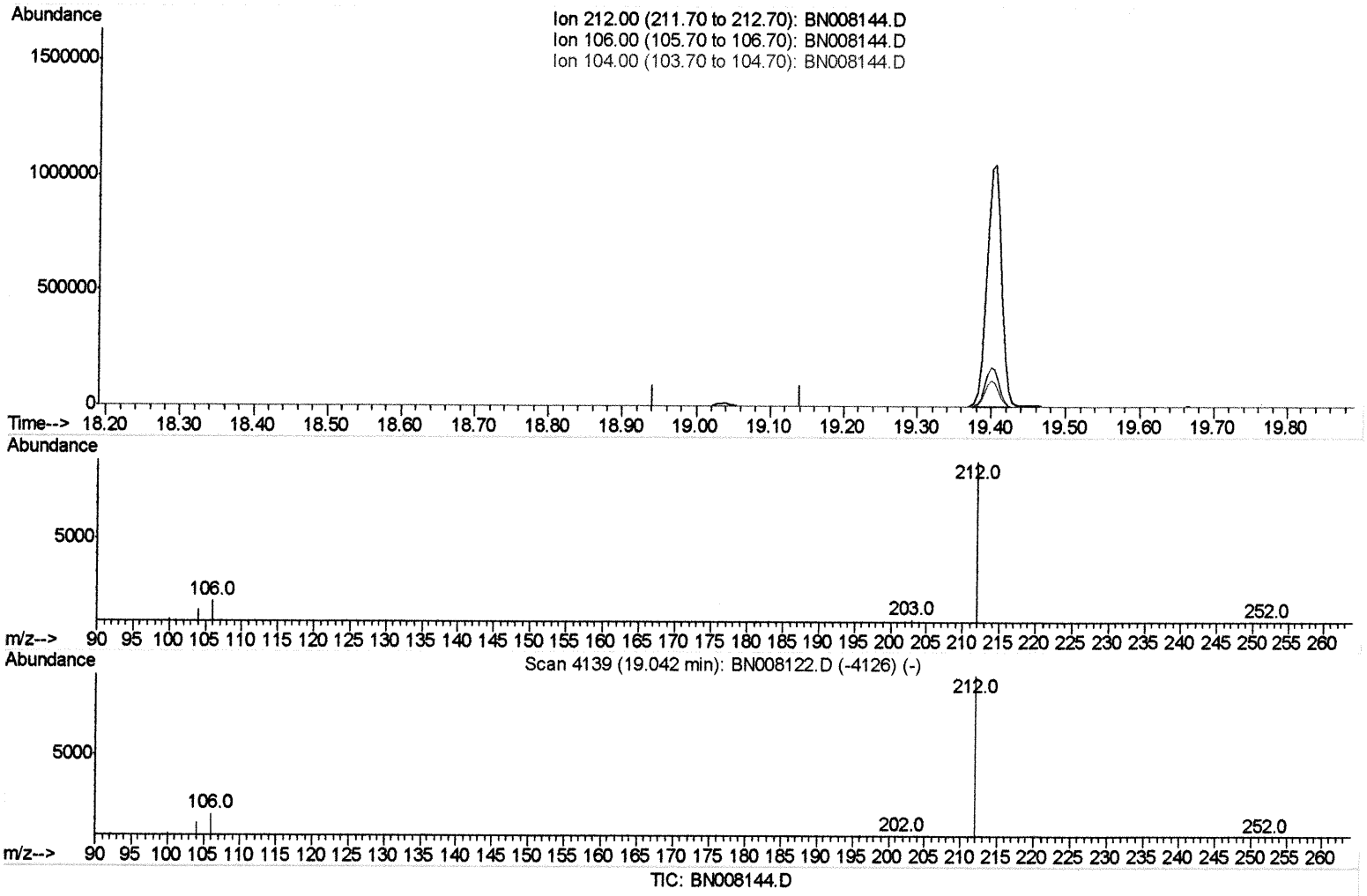
Ion	Exp%	Act%
188.00	100	100
94.00	10.90	11.94
80.00	12.60	14.09
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008144.D
Acq On : 14 Oct 2019 21:01
Operator : JU
Sample : K5096-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 15 03:52:57 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 :
JLMK7

Manual Integrations APPROVED
mohammad
10/15/2019 1:30:12 PM



TIC: BN008144.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

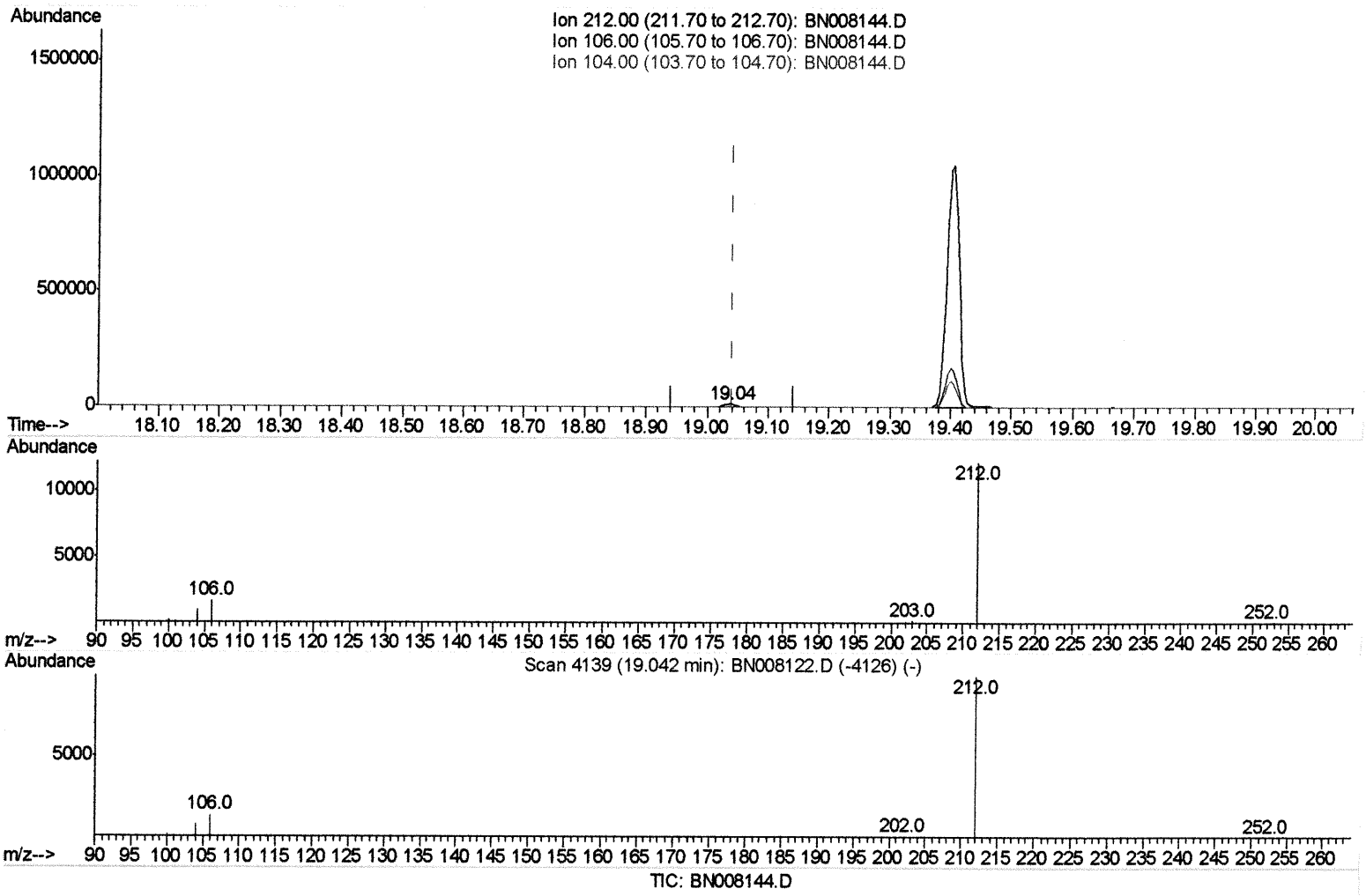
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008144.D
Acq On : 14 Oct 2019 21:01
Operator : JU
Sample : K5096-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 15 03:52:57 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 :
JLMK7

Manual Integrations APPROVED
mohammad
10/15/2019 1:30:12 PM



(14) Fluoranthene-d10 (SURR)

19.037min (-0.005) 0.27ng/ul m JU 10/16/19

response 16591

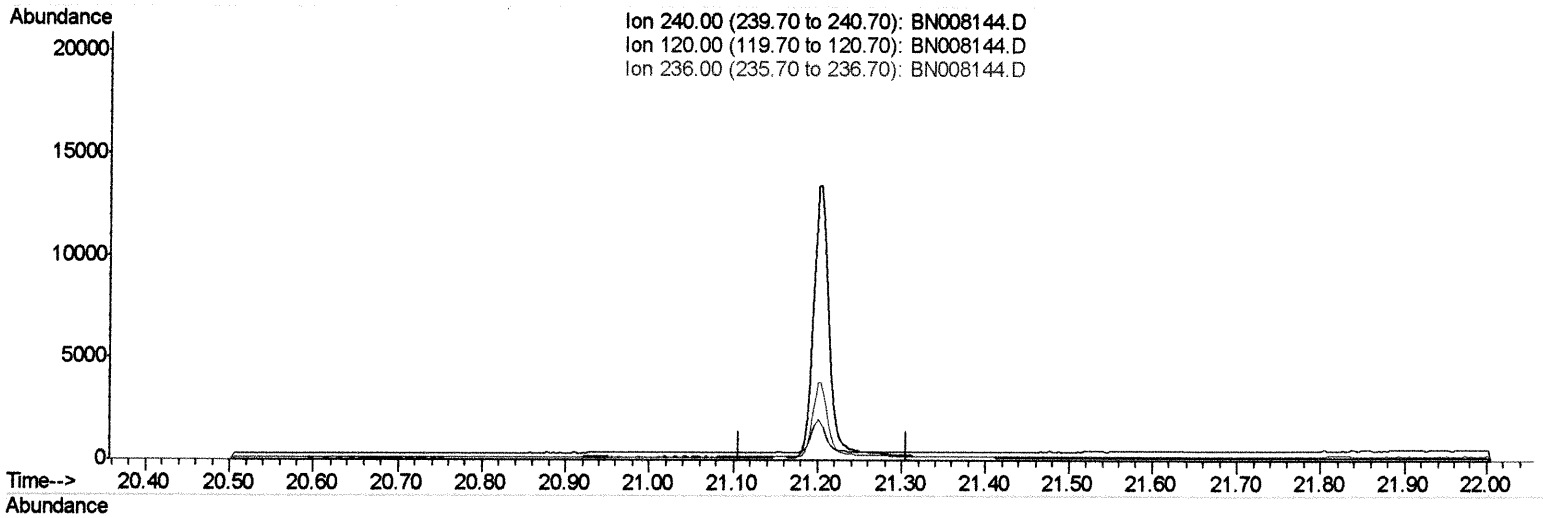
Ion	Exp%	Act%
212.00	100	100
106.00	12.70	0.00#
104.00	7.20	0.00#
0.00	0.00	0.00

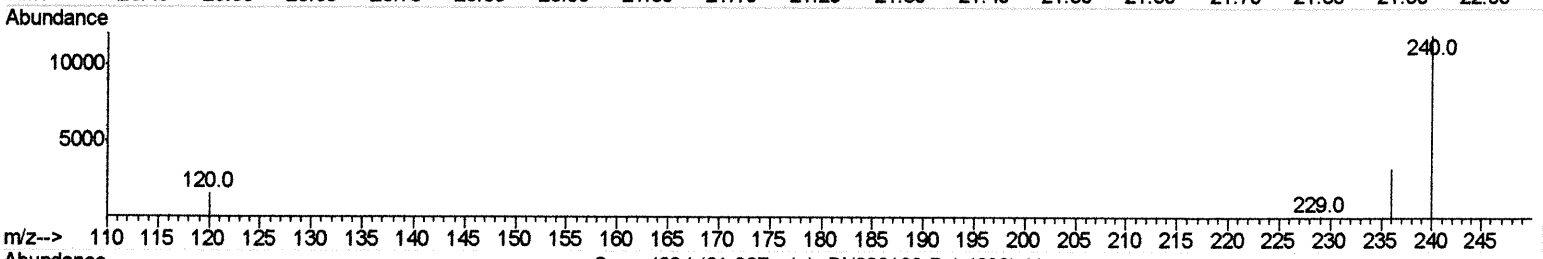
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008144.D
Acq On : 14 Oct 2019 21:01
Operator : JU
Sample : K5096-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

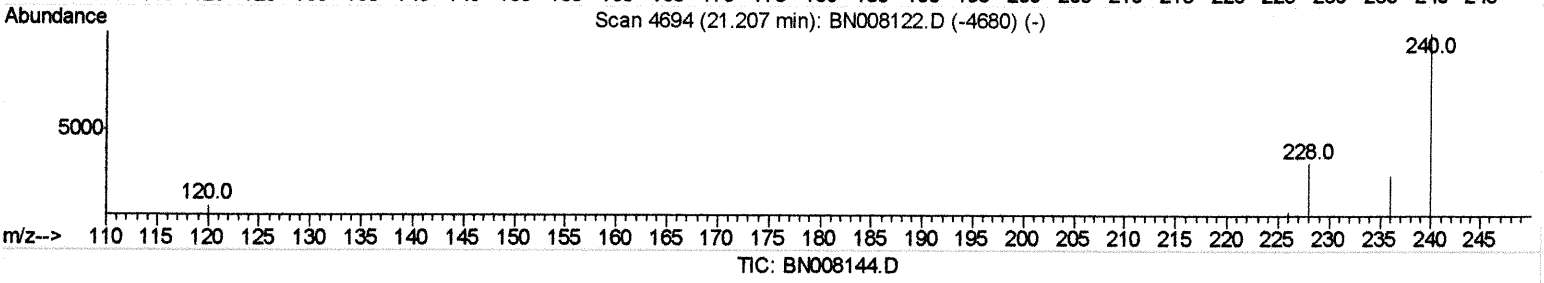
Quant Time: Oct 15 03:52:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 14 17:19:29 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLMK7

Manual Integrations APPROVED
mohammad
10/15/2019 1:30:12 PM







TIC: BN008144.D

(16) Chrysene-d12 (I)

21.207min (-21.207) 0.00ng/ul

response 0

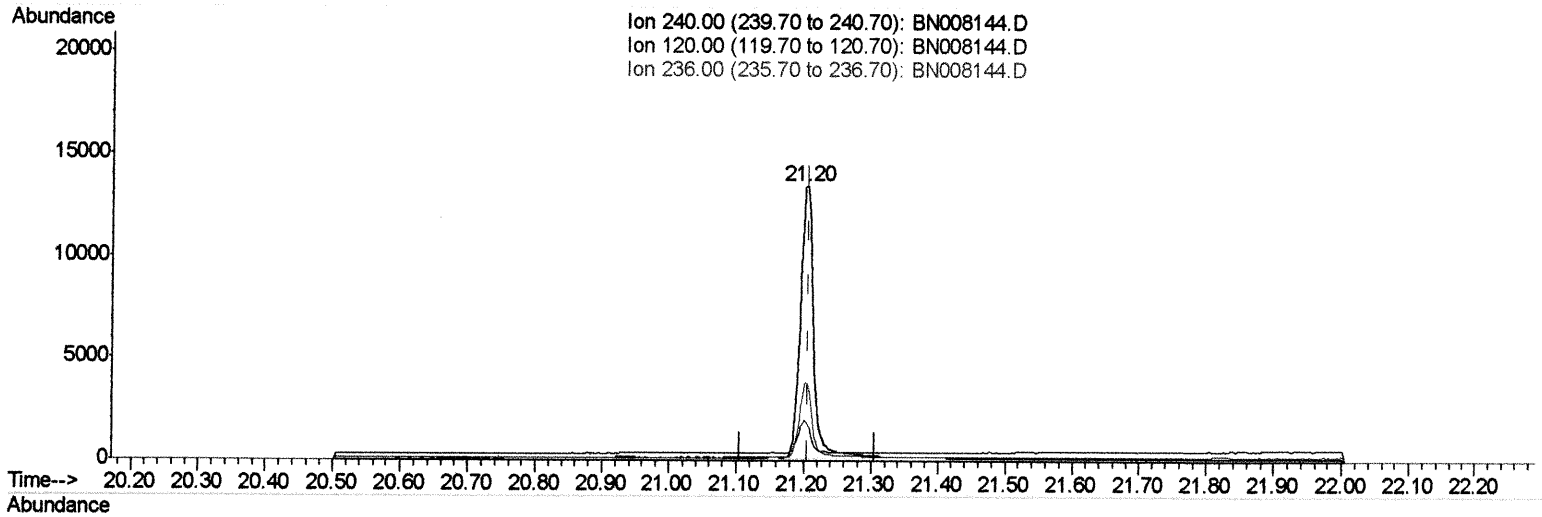
Ion	Exp%	Act%
240.00	100	0.00
120.00	14.70	0.00#
236.00	28.40	0.00#
0.00	0.00	0.00

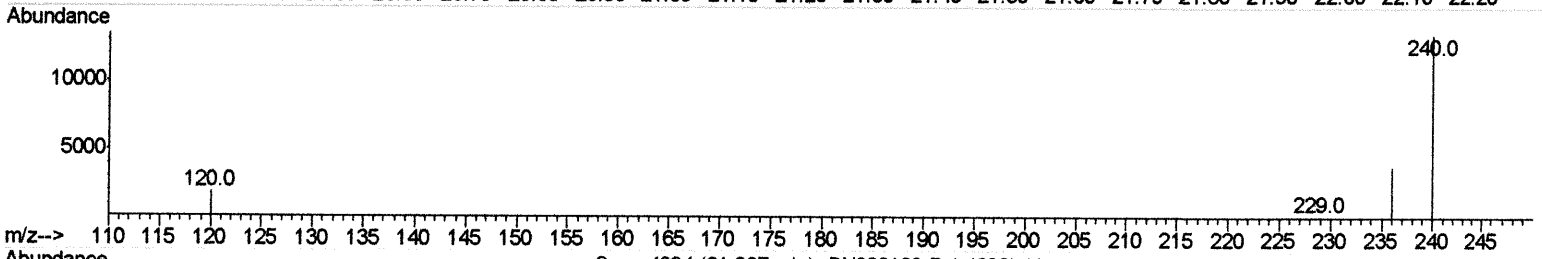
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008144.D
Acq On : 14 Oct 2019 21:01
Operator : JU
Sample : K5096-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

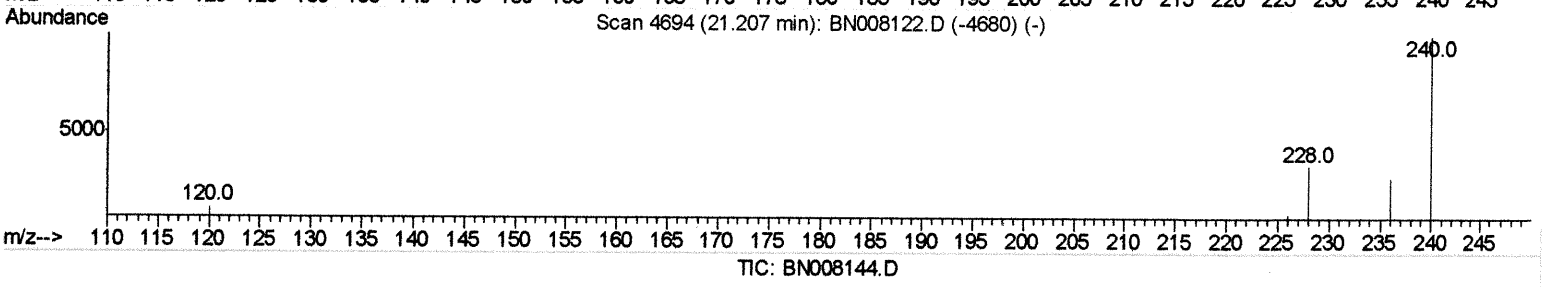
Quant Time: Oct 15 03:52:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 14 17:19:29 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLMK7

Manual Integrations APPROVED
mohammad
10/15/2019 1:30:12 PM







TIC: BN008144.D

(16) Chrysene-d12 (I)

21.204min (-0.003) 0.40ng/ul m JL 10/16/19

response 18497

Ion	Exp%	Act%
240.00	100	100
120.00	14.70	13.79
236.00	28.40	28.25
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
Data File : BN008144.D
Acq On : 14 Oct 2019 21:01
Operator : JU
Sample : K5096-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLMK7

Manual Integrations APPROVED
mohammad
10/15/2019 1:30:12 PM

Quant Time: Oct 15 03:54:27 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	2347	0.40	ng/ul	0.00
2) Naphthalene-d8	10.38	136	11646	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	7795	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	17896m	0.40	ng/ul	0.00
16) Chrysene-d12	21.20	240	18497m	0.40	ng/ul	0.00
20) Perylene-d12	23.39	264	18810	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	4408	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	16591m	0.27	ng/ul	0.00

JU 10/16/19

JU 10/16/19

Target Compounds	Qvalue

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