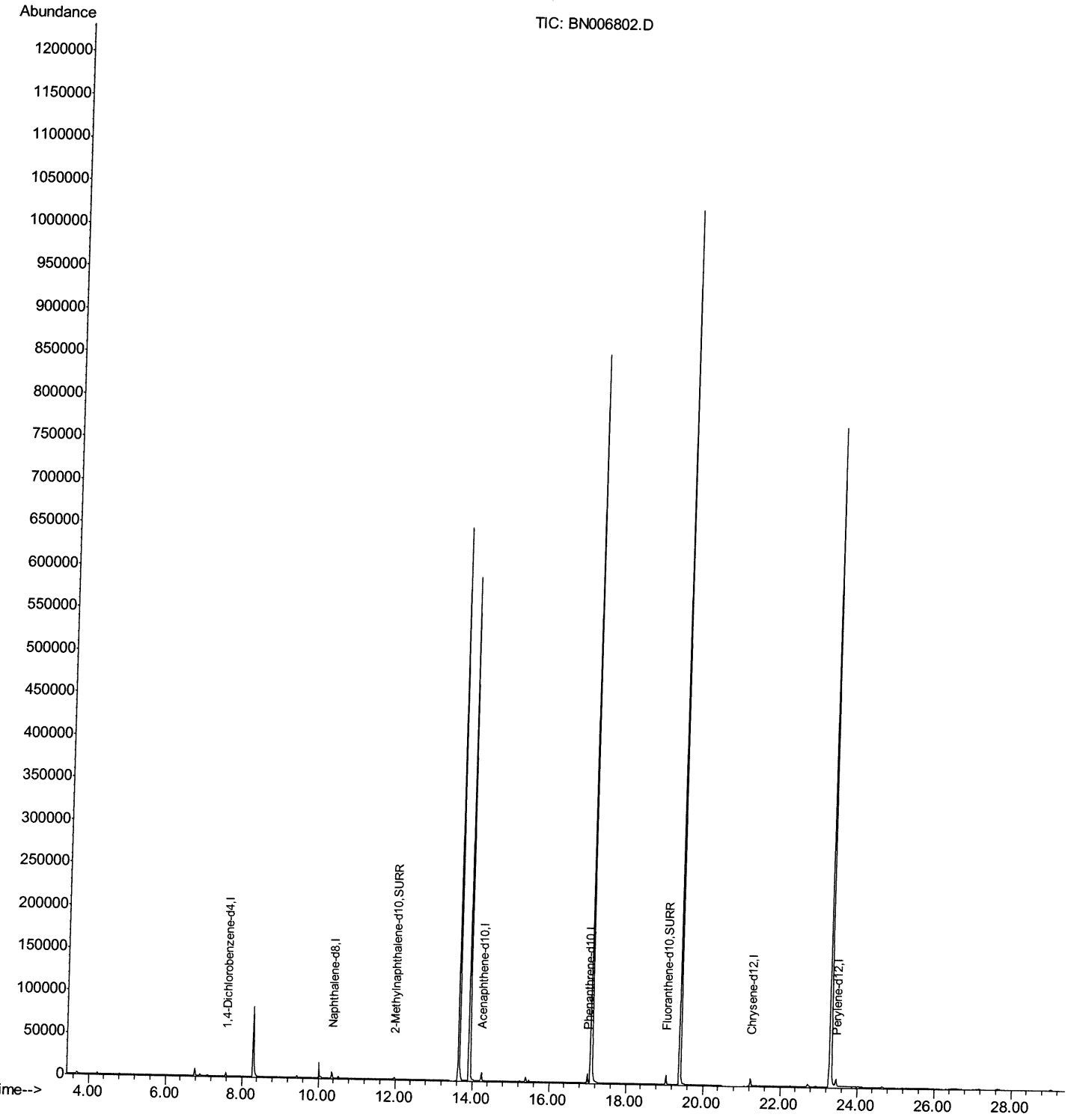
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\
Data File : BN006802.D
Acq On : 11 Jul 2019 17:37
Operator : HP/JU
Sample : K3578-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jul 12 07:43:41 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 :
JLJG8

Manual Integrations APPROVED
mohammad
7/12/2019 10:26:54 PM



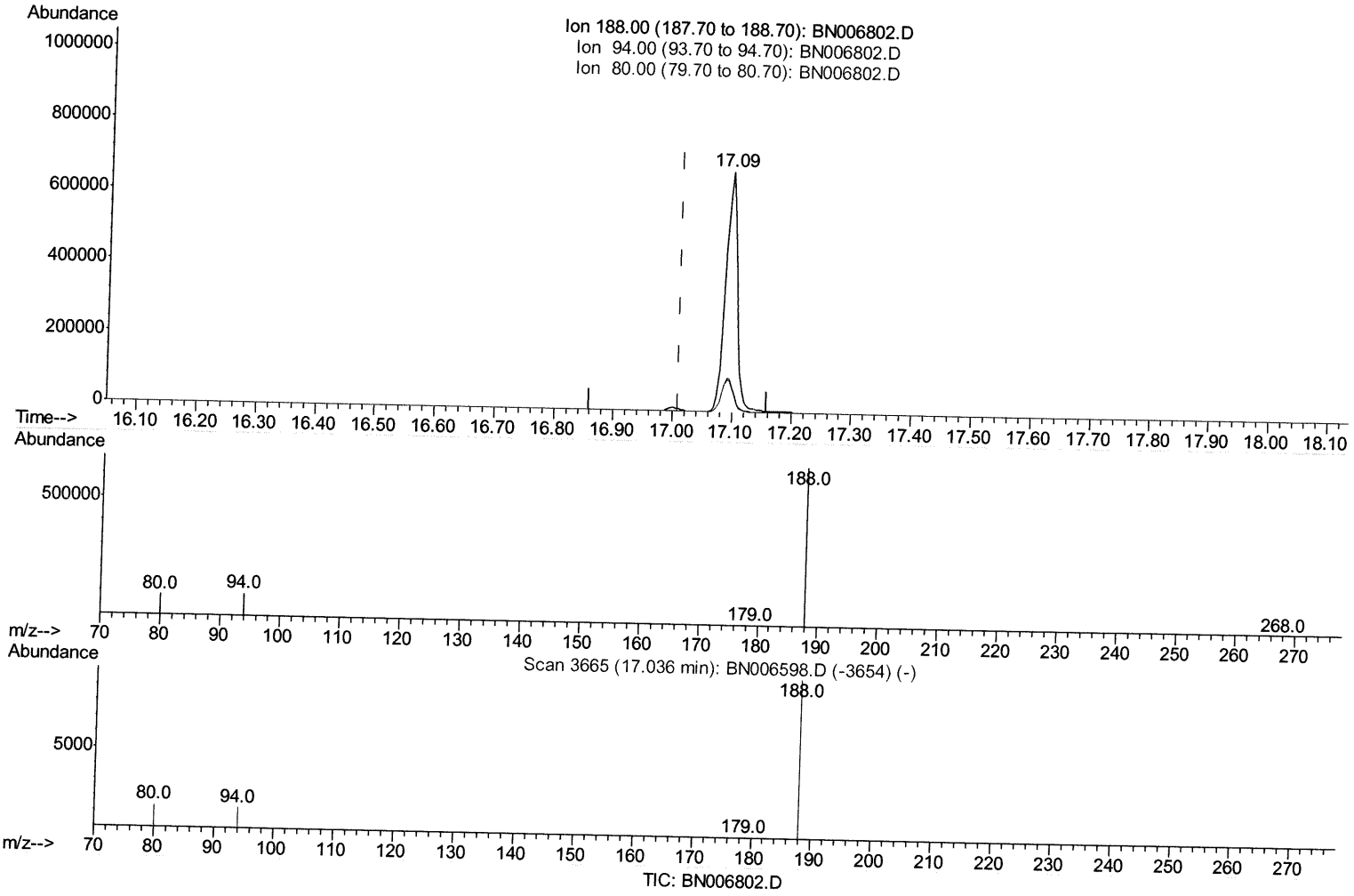
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\
Data File : BN006802.D
Acq On : 11 Jul 2019 17:37
Operator : HP/JU
Sample : K3578-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jul 12 07:40:07 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 :
JLJG8

Manual Integrations APPROVED
mohammad
7/12/2019 10:26:54 PM



(10) Phenanthrene-d10 (I)

17.095min (+0.085) 0.40ng/ul

response 918801

Ion	Exp%	Act%
188.00	100	100
94.00	13.70	13.74
80.00	14.80	12.90
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\
Data File : BN006802.D
Acq On : 11 Jul 2019 17:37
Operator : HP/JU
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jul 12 07:40:07 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
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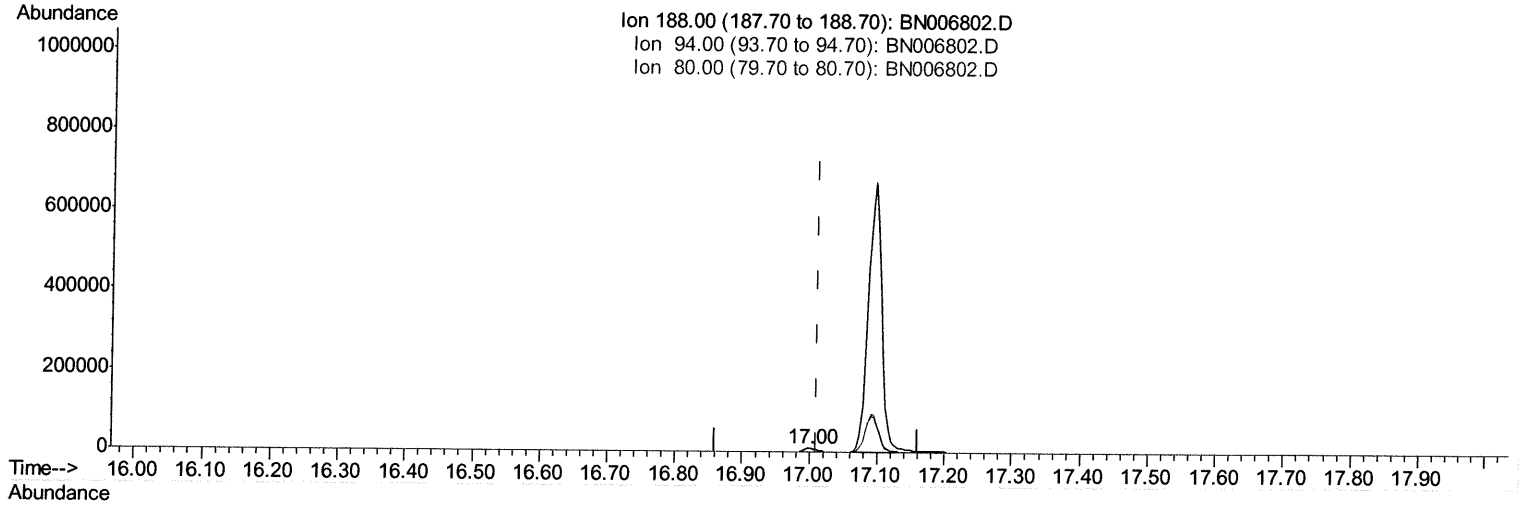
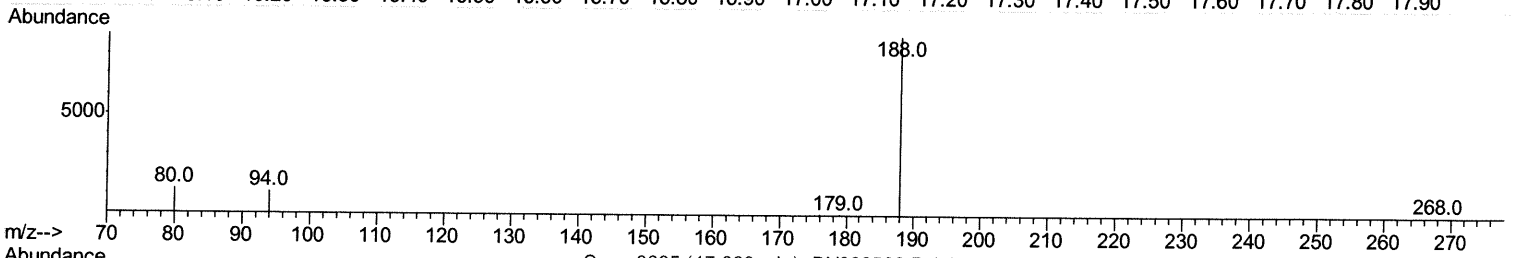
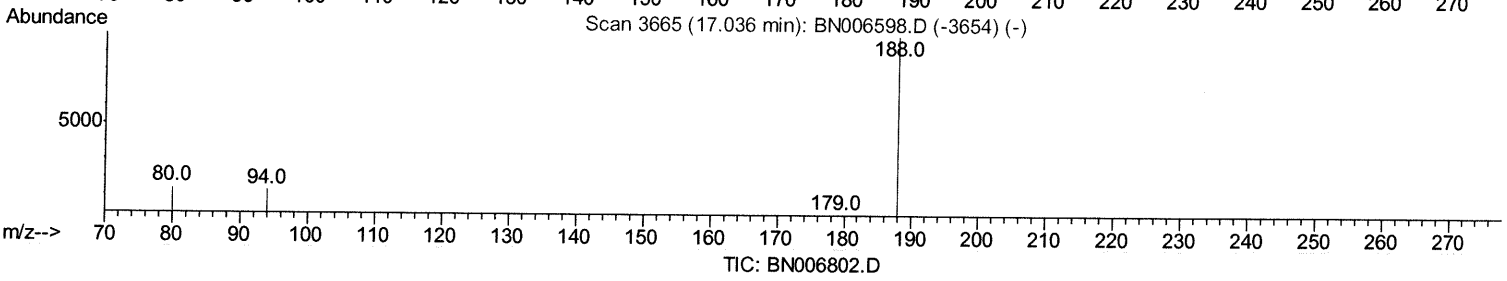
Instrument :
BNA_N
ClientSampleId :
JLJG8

Manual Integrations APPROVED
mohammad
7/12/2019 10:26:54 PM







TIC: BN006802.D

(10) Phenanthrene-d10 (I)

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

response 12288

Ion	Exp%	Act%
188.00	100	100
94.00	13.70	12.54
80.00	14.80	14.11
0.00	0.00	0.00

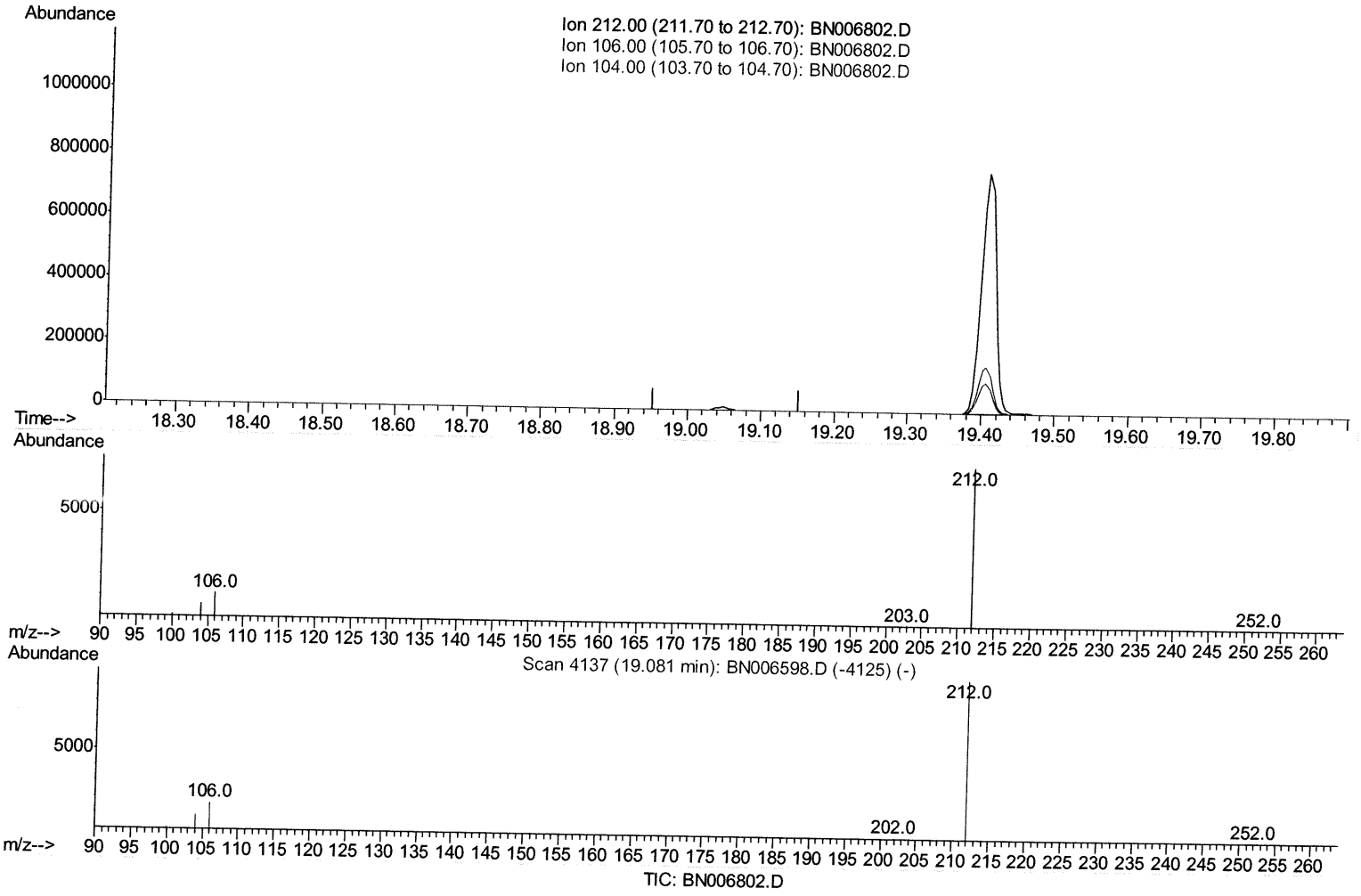
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\
Data File : BN006802.D
Acq On : 11 Jul 2019 17:37
Operator : HP/JU
Sample : K3578-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jul 12 07:40:47 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 :
JLJG8

Manual Integrations APPROVED
mohammad
7/12/2019 10:26:54 PM



(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

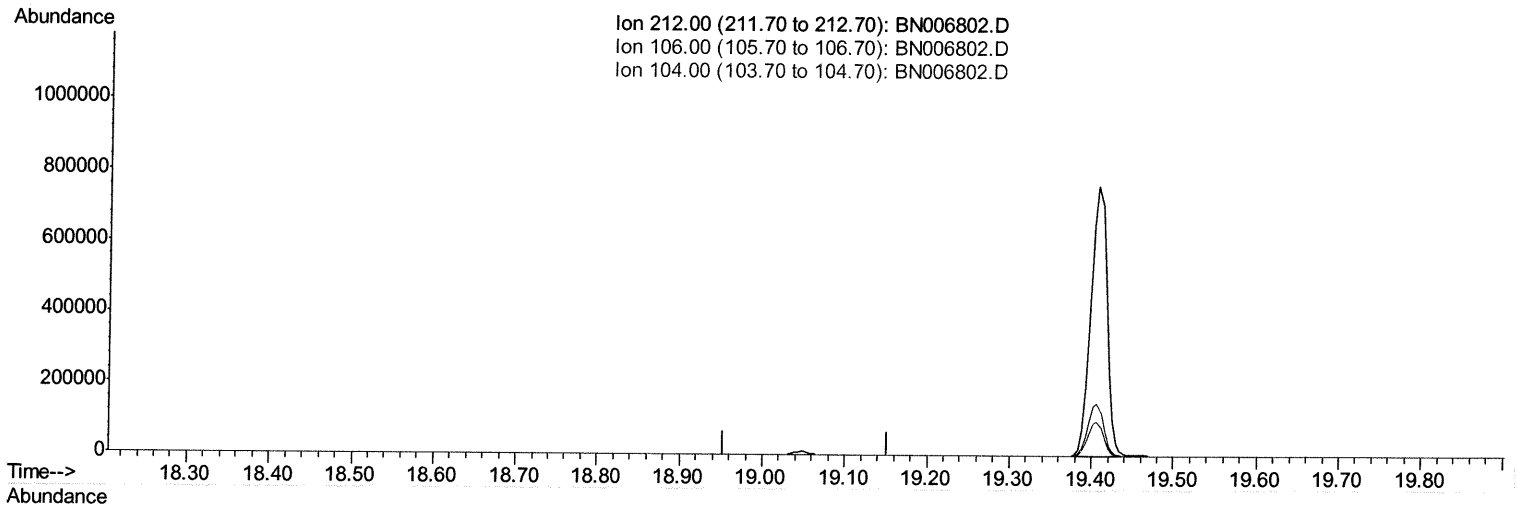
Quantitation Report (Qedit)

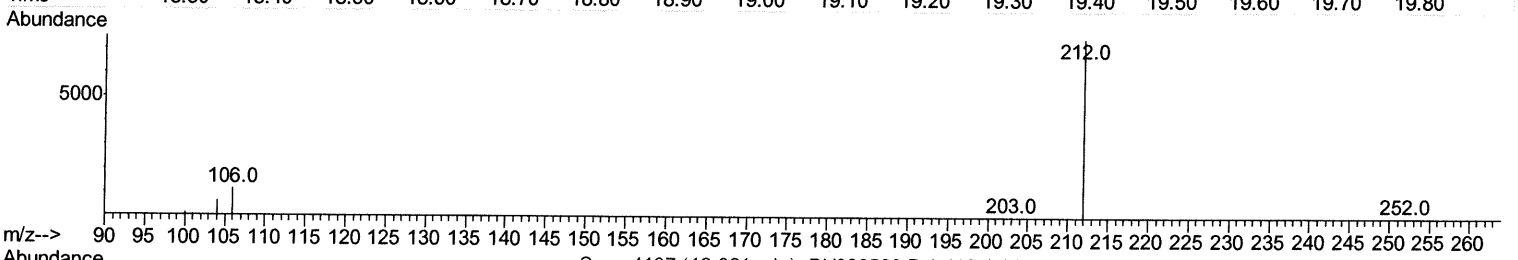
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\
Data File : BN006802.D
Acq On : 11 Jul 2019 17:37
Operator : HP/JU
Sample : K3578-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jul 12 07:40:47 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

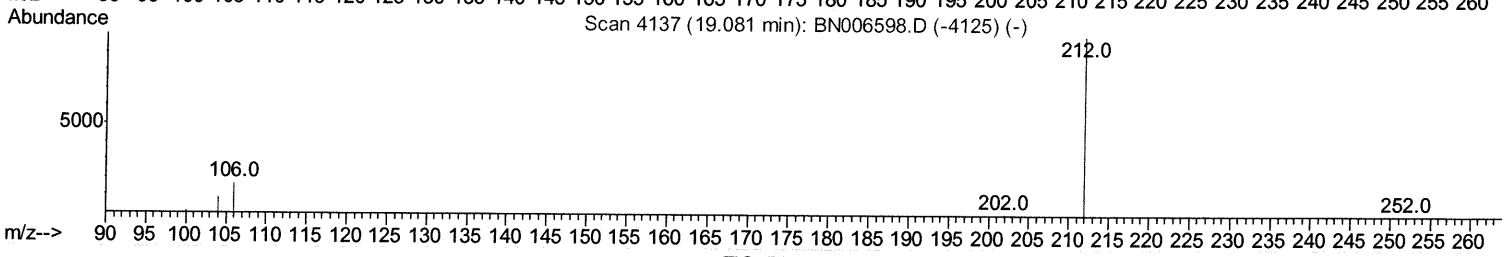
Instrument :
BNA_N
ClientSampleId :
JLJG8

Manual Integrations APPROVED
mohammad
7/12/2019 10:26:54 PM





Scan 4137 (19.081 min): BN006598.D (-4125) (-)



TIC: BN006802.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

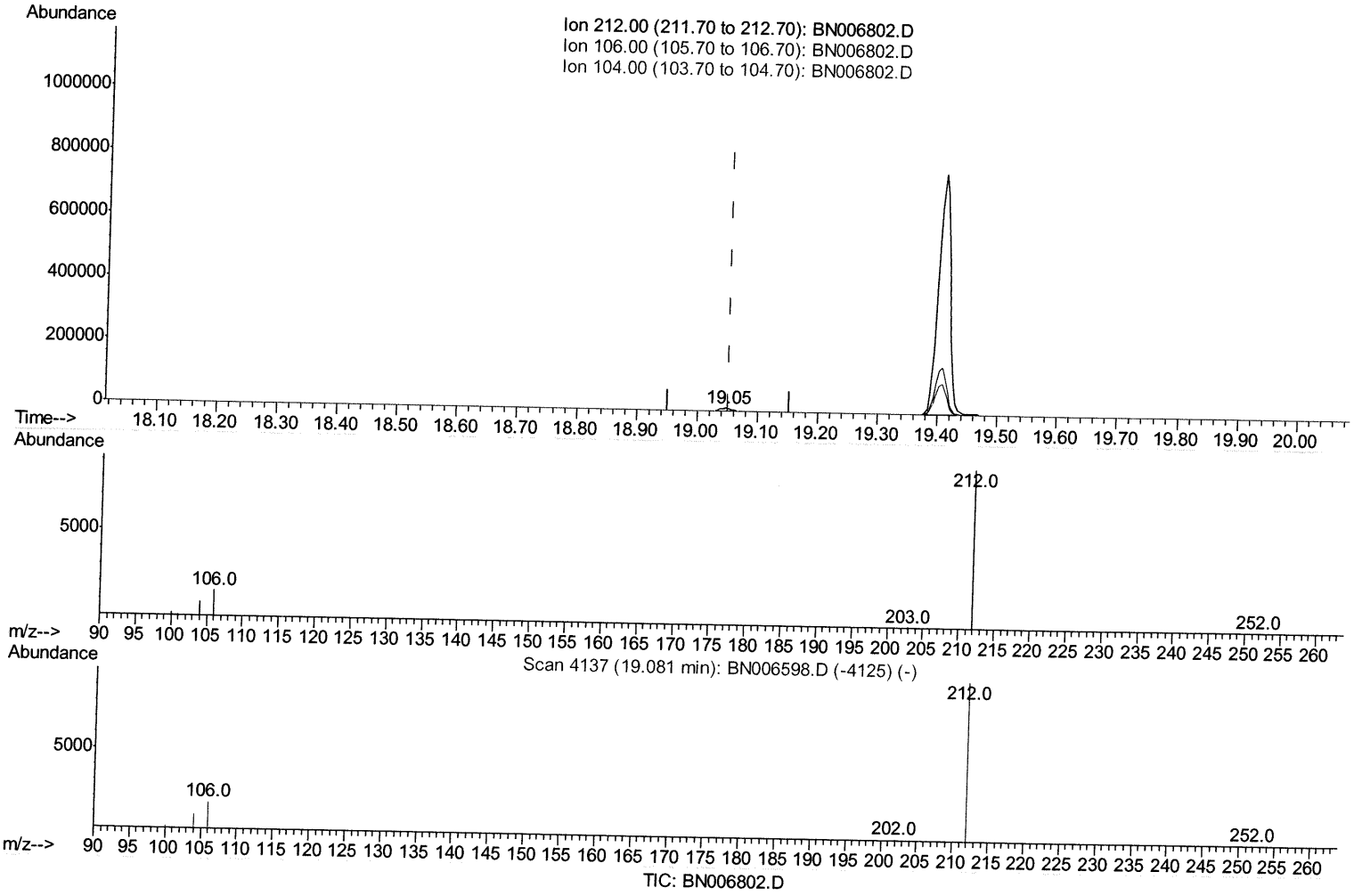
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\
Data File : BN006802.D
Acq On : 11 Jul 2019 17:37
Operator : HP/JU
Sample : K3578-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jul 12 07:40:47 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 :
JLJG8

Manual Integrations APPROVED
mohammad
7/12/2019 10:26:54 PM



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

19.048min (-0.005) 0.37ng/ul m

response 13156

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

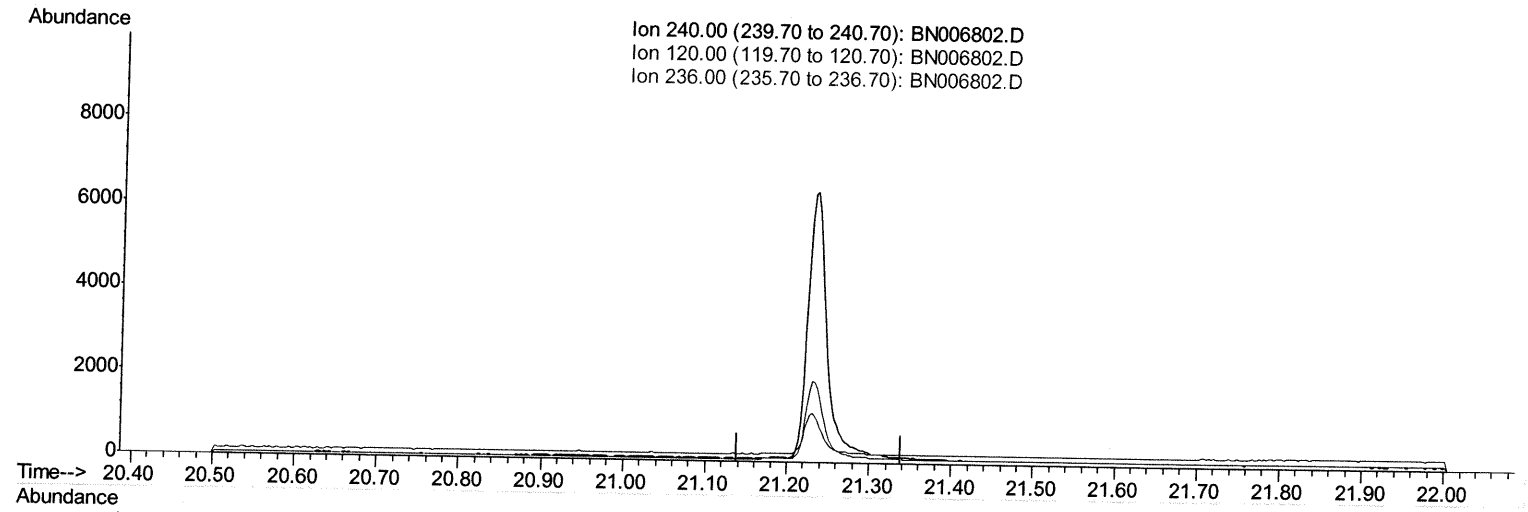
Quantitation Report (Qedit)

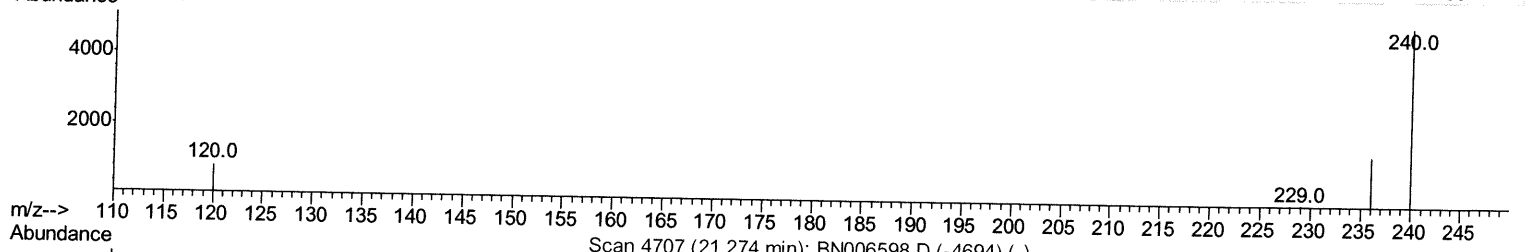
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\
Data File : BN006802.D
Acq On : 11 Jul 2019 17:37
Operator : HP/JU
Sample : K3578-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jul 12 07:41:33 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

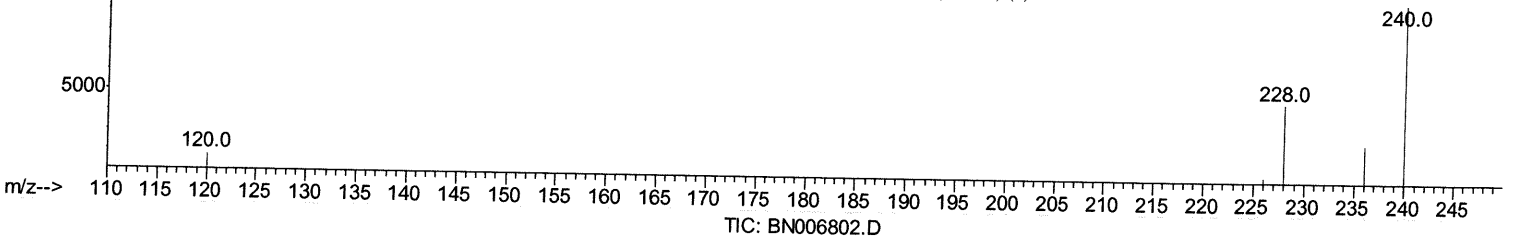
Instrument :
BNA_N
ClientSampleId :
JLJG8

Manual Integrations APPROVED
mohammad
7/12/2019 10:26:54 PM





Scan 4707 (21.274 min): BN006598.D (-4694) (-)



TIC: BN006802.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

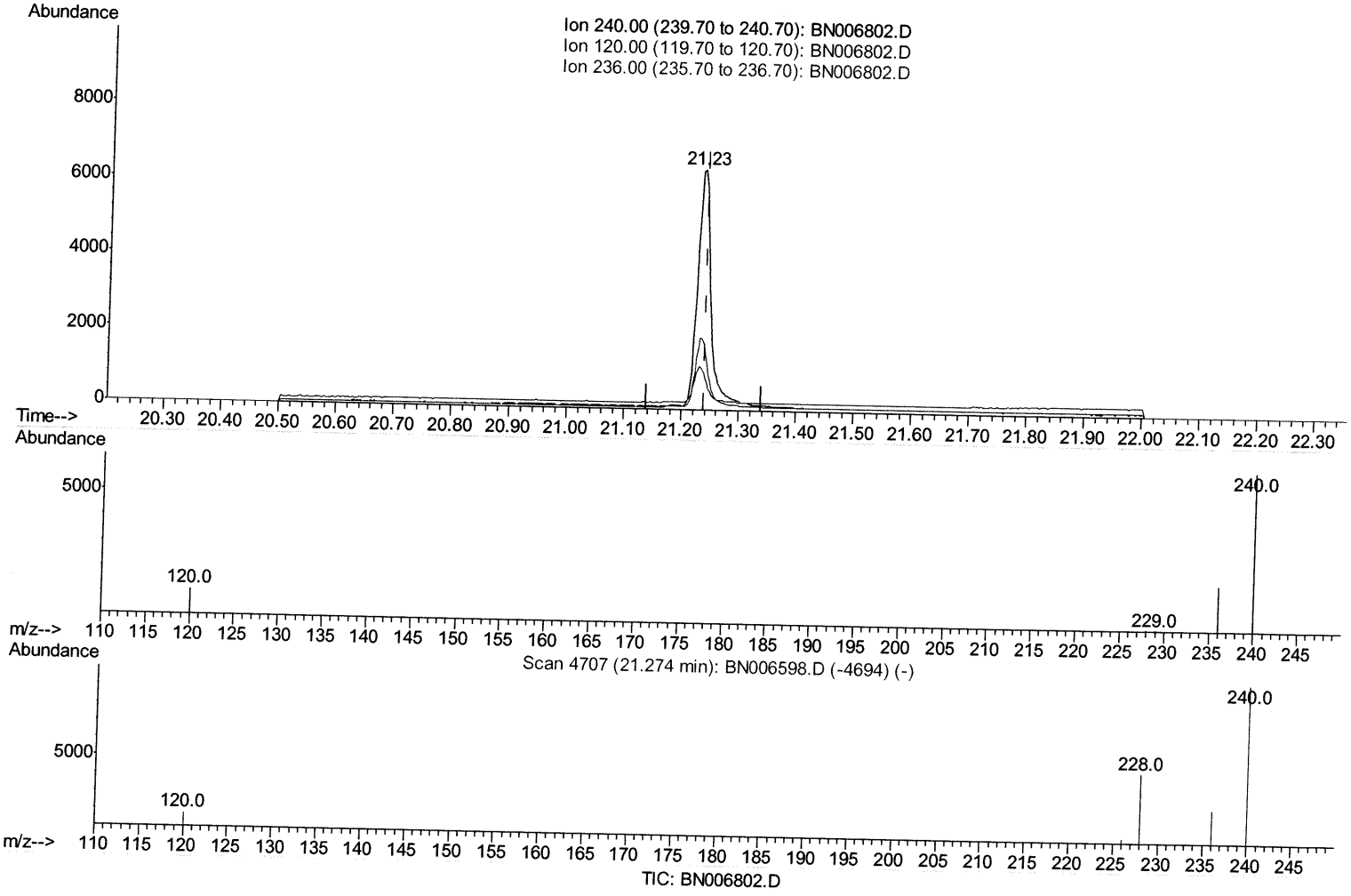
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\
Data File : BN006802.D
Acq On : 11 Jul 2019 17:37
Operator : HP/JU
Sample : K3578-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jul 12 07:41:33 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 :
JLJG8

Manual Integrations APPROVED
mohammad
7/12/2019 10:26:54 PM



(16) Chrysene-d12 (I)

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

response 10383

Ion	Exp%	Act%
240.00	100	100
120.00	20.20	17.10
236.00	30.00	29.68
0.00	0.00	0.00

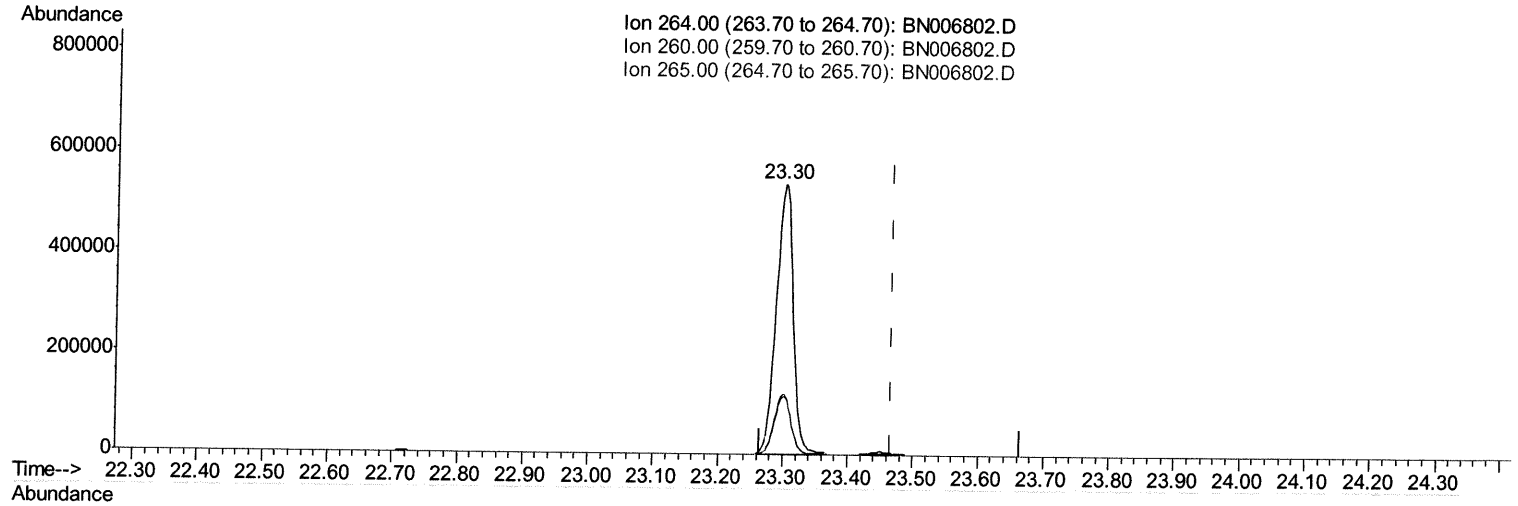
Quantitation Report (Qedit)

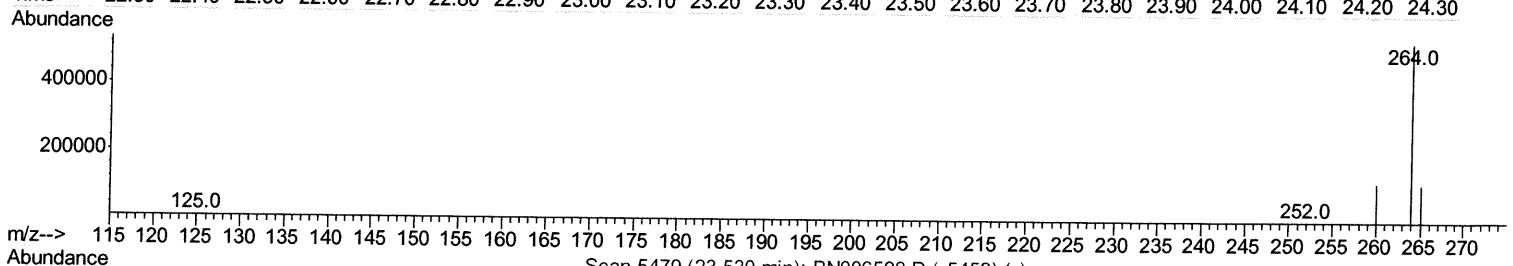
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\
Data File : BN006802.D
Acq On : 11 Jul 2019 17:37
Operator : HP/JU
Sample : K3578-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jul 12 07:42:04 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

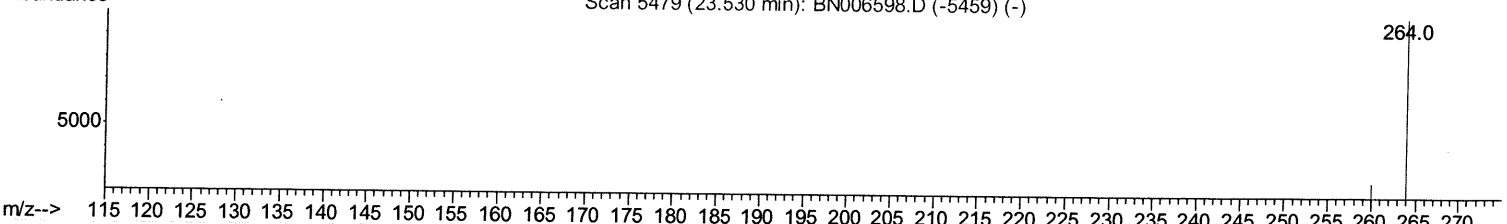
Instrument :
BNA_N
ClientSampleId :
JLJG8

Manual Integrations APPROVED
mohammad
7/12/2019 10:26:54 PM





Scan 5479 (23.530 min): BN006598.D (-5459) (-)



TIC: BN006802.D

(20) Perylene-d12 (I)

23.300min (-0.167) 0.40ng/ul

response 949558

Ion	Exp%	Act%
264.00	100	100
260.00	27.80	22.31
265.00	36.10	21.43#
0.00	0.00	0.00

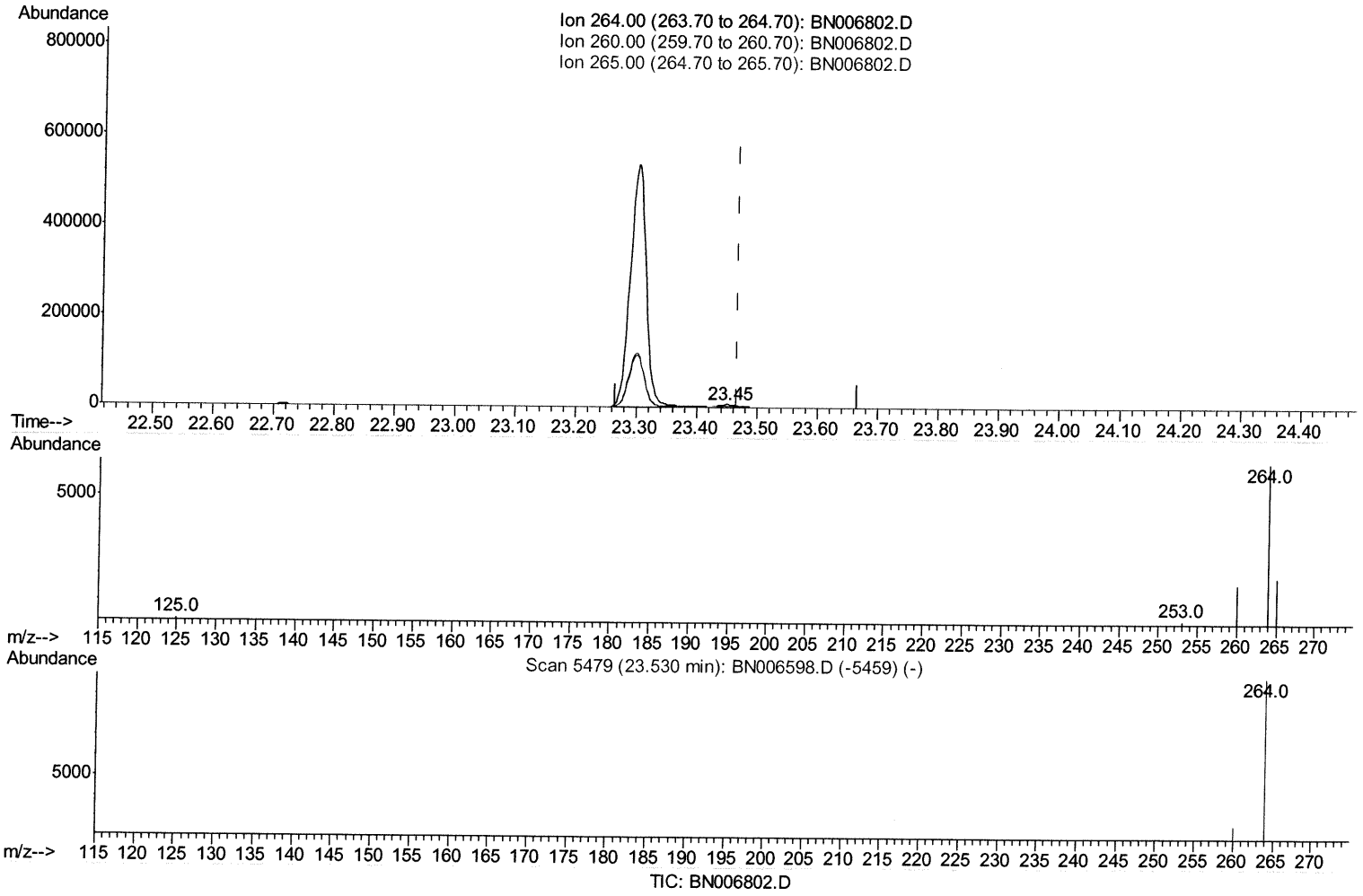
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\
Data File : BN006802.D
Acq On : 11 Jul 2019 17:37
Operator : HP/JU
Sample : K3578-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jul 12 07:42:04 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 :
JLJG8

Manual Integrations APPROVED
mohammad
7/12/2019 10:26:54 PM



(20) Perylene-d12 (I)

23.452min (-0.015) 0.40ng/ul m JU 07/12/19

response 9678

Ion	Exp%	Act%
264.00	100	100
260.00	27.80	26.75
265.00	36.10	30.91
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\
Data File : BN006802.D
Acq On : 11 Jul 2019 17:37
Operator : HP/JU
Sample : K3578-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLJG8

Manual Integrations APPROVED
mohammad
7/12/2019 10:26:54 PM

Quant Time: Jul 12 07:43:41 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	7.58	152	2913	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	10664	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.24	164	5726	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	12288m>	0.40	ng/ul	0.00
16) Chrysene-d12	21.23	240	10383m>	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	9678m >	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	4876	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	13156m >	0.37	ng/ul	0.00
Target Compounds						Qvalue

JU 07/12/19

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