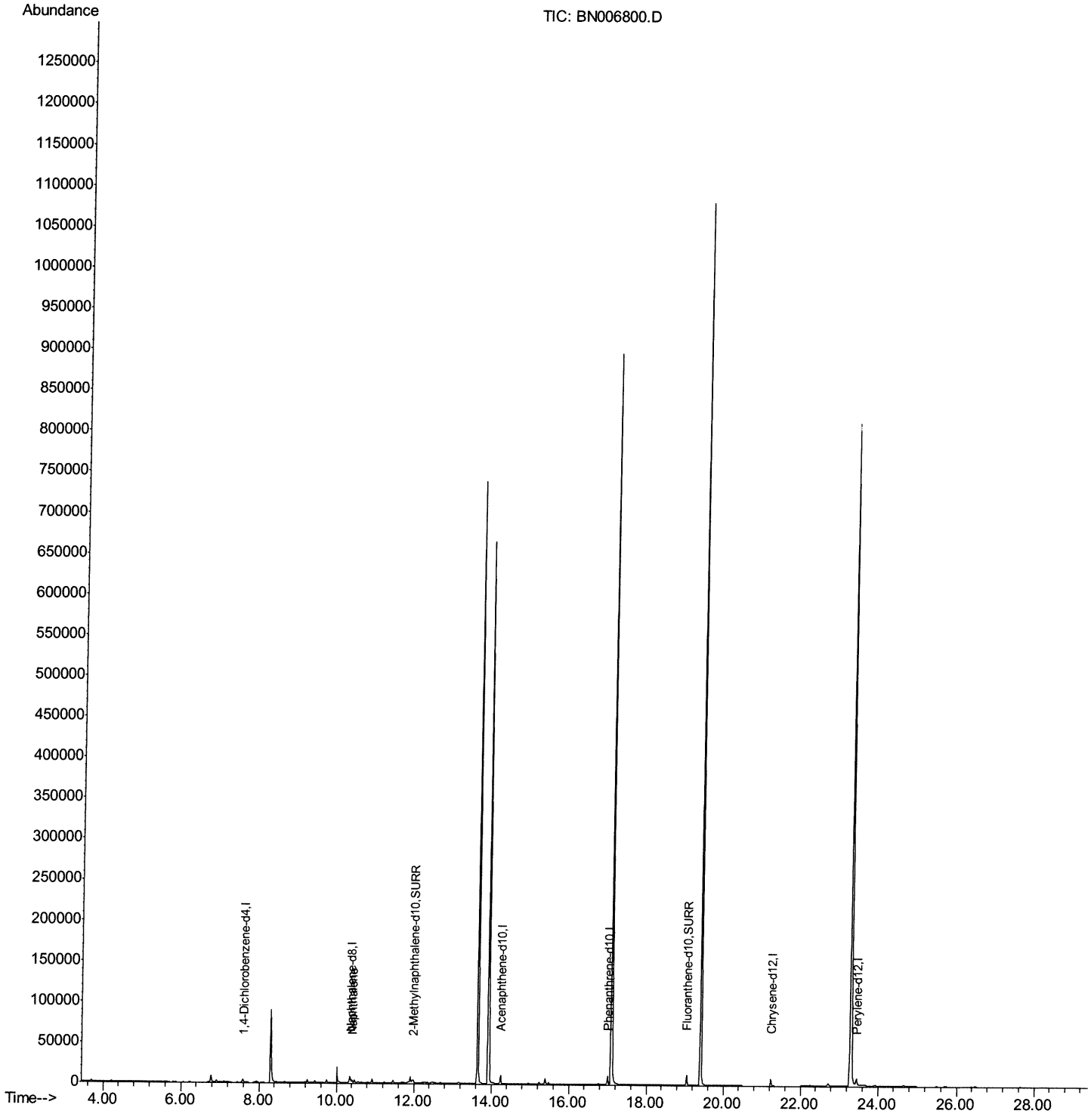
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\
Data File : BN006800.D
Acq On : 11 Jul 2019 16:27
Operator : HP/JU
Sample : K3578-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 12 07:36:00 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 :
JLJH4

Manual Integrations APPROVED
mohammad
7/12/2019 10:26:43 PM



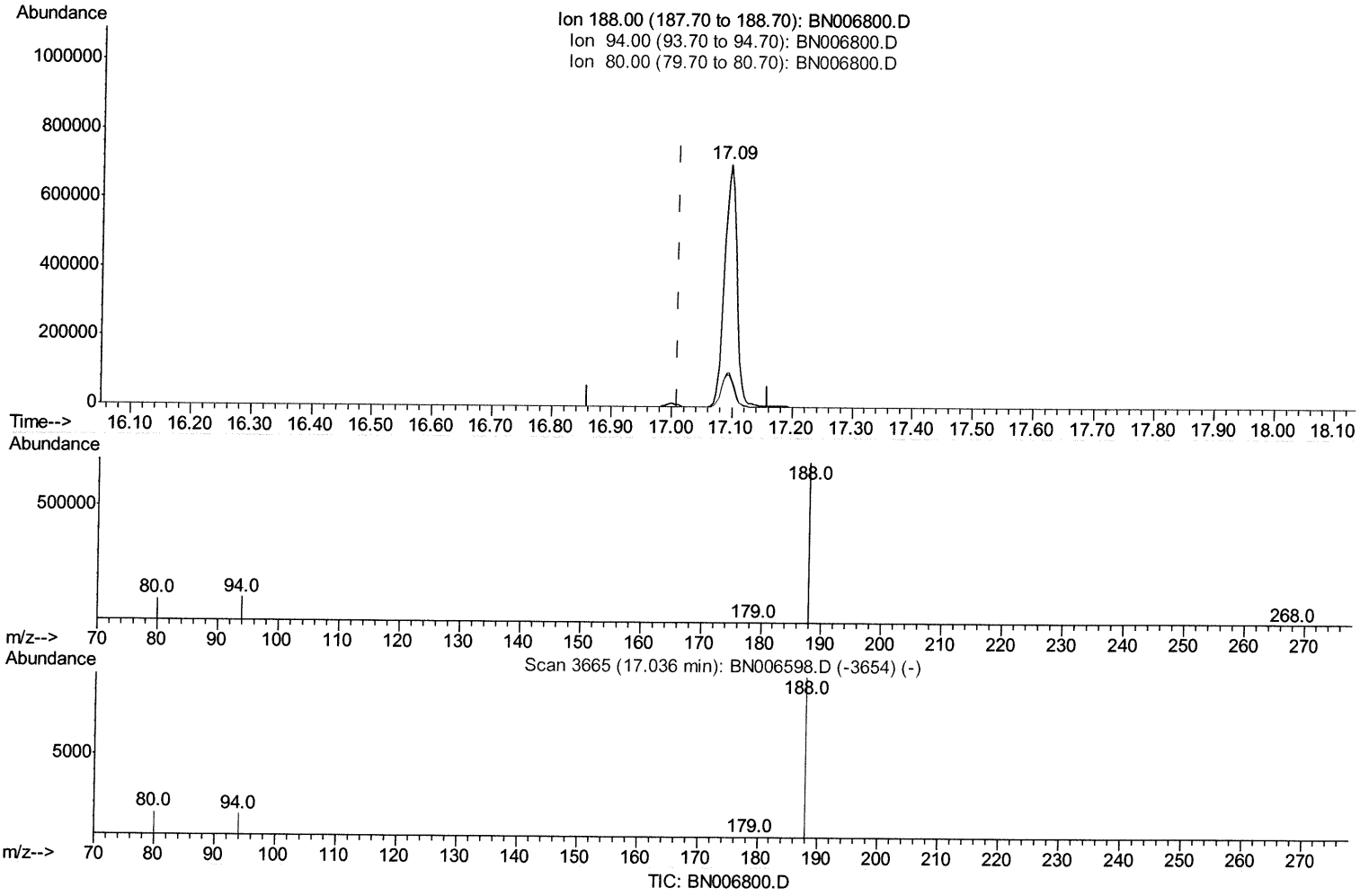
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\
Data File : BN006800.D
Acq On : 11 Jul 2019 16:27
Operator : HP/JU
Sample : K3578-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 12 07:33:14 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 :
JLJH4

Manual Integrations APPROVED
mohammad
7/12/2019 10:26:43 PM



TIC: BN006800.D

(10) Phenanthrene-d10 (I)

17.094min (+0.084) 0.40ng/ul

response 991270

Ion	Exp%	Act%
188.00	100	100
94.00	13.70	14.10
80.00	14.80	13.34
0.00	0.00	0.00

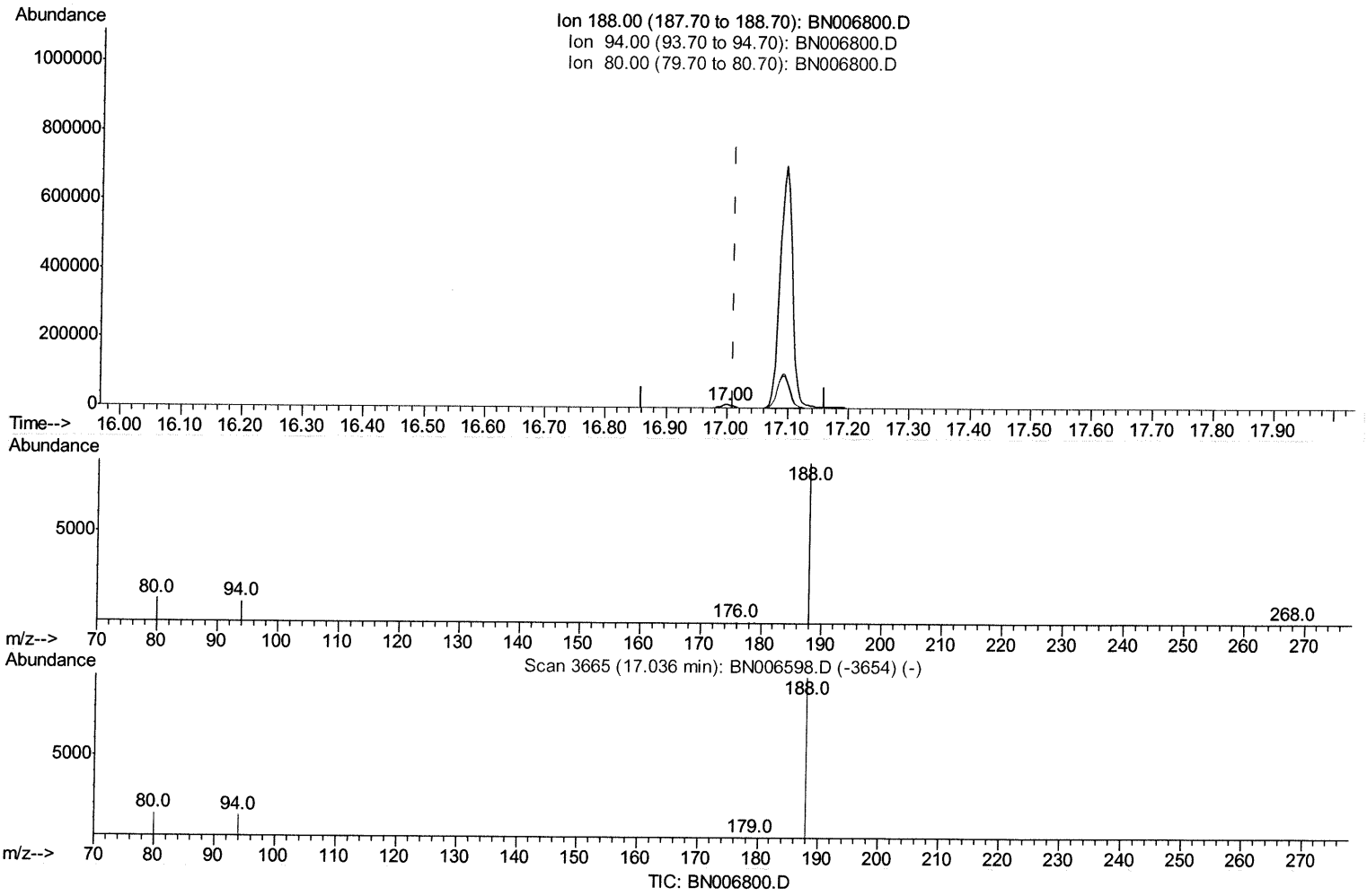
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\
Data File : BN006800.D
Acq On : 11 Jul 2019 16:27
Operator : HP/JU
Sample : K3578-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 12 07:33:14 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 :
JLJH4

Manual Integrations APPROVED
mohammad
7/12/2019 10:26:43 PM



TIC: BN006800.D

(10) Phenanthrene-d10 (I)

17.002min (-0.009) 0.40ng/ul m JU 07/12/19

response 12113

Ion	Exp%	Act%
188.00	100	100
94.00	13.70	13.07
80.00	14.80	14.78
0.00	0.00	0.00

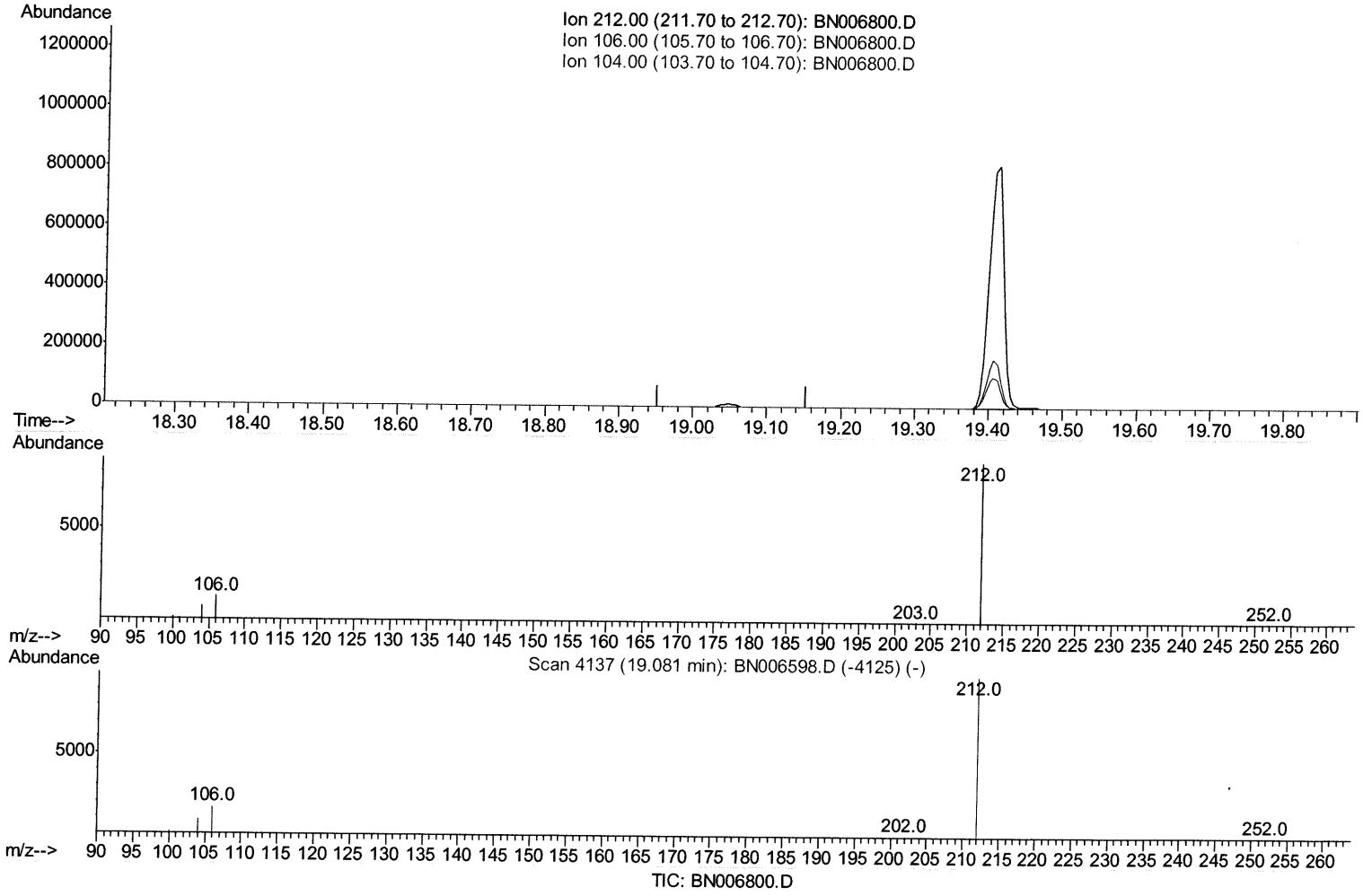
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\
Data File : BN006800.D
Acq On : 11 Jul 2019 16:27
Operator : HP/JU
Sample : K3578-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 12 07:34:02 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 :
JLJH4

Manual Integrations APPROVED
mohammad
7/12/2019 10:26:43 PM



TIC: BN006800.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

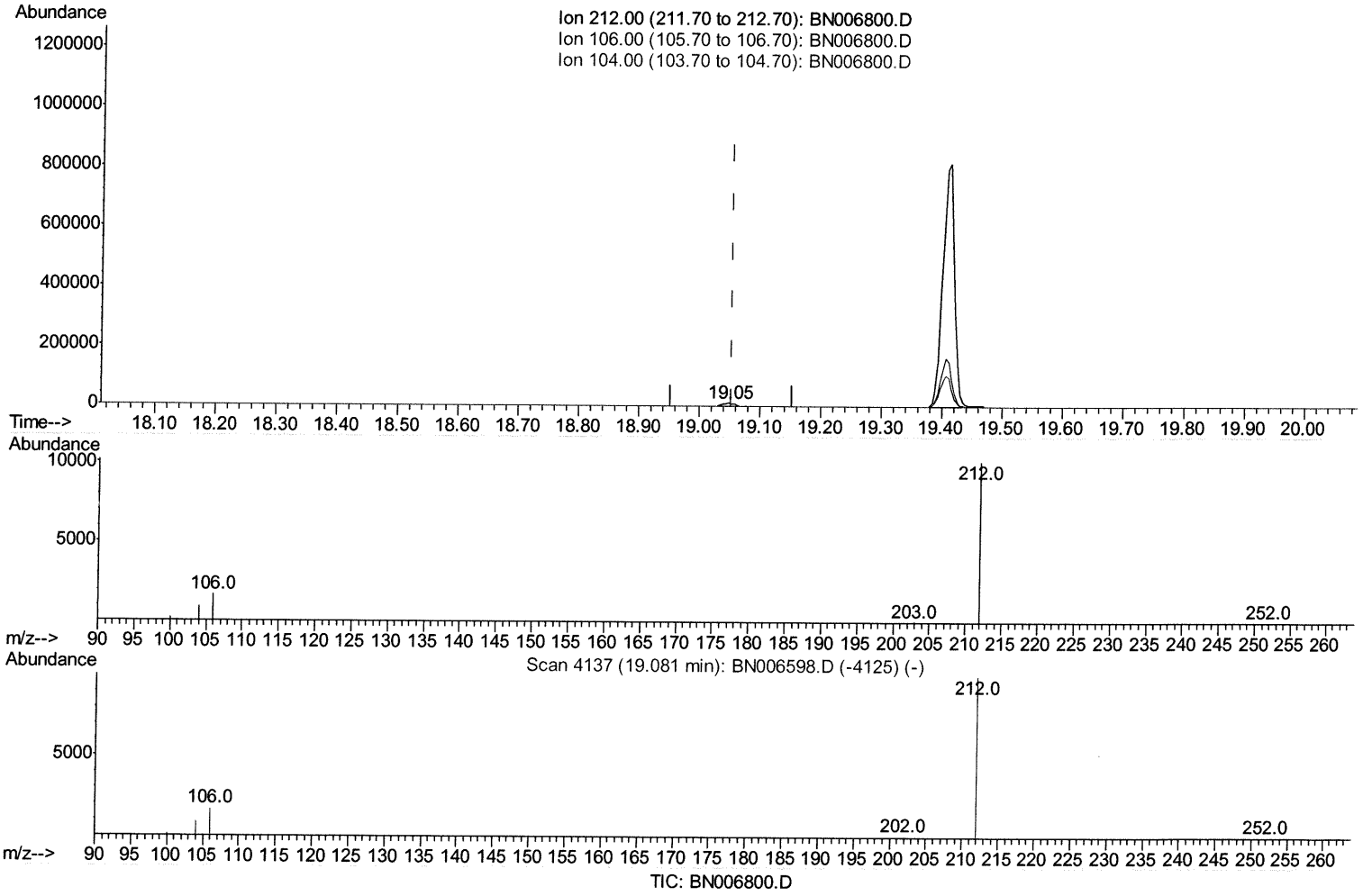
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\
Data File : BN006800.D
Acq On : 11 Jul 2019 16:27
Operator : HP/JU
Sample : K3578-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 12 07:34:02 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 :
JLJH4

Manual Integrations APPROVED
mohammad
7/12/2019 10:26:43 PM



TIC: BN006800.D

(14) Fluoranthene-d10 (SURR)

19.048min (-0.005) 0.40ng/ul m JU 07/12/19

response 14241

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

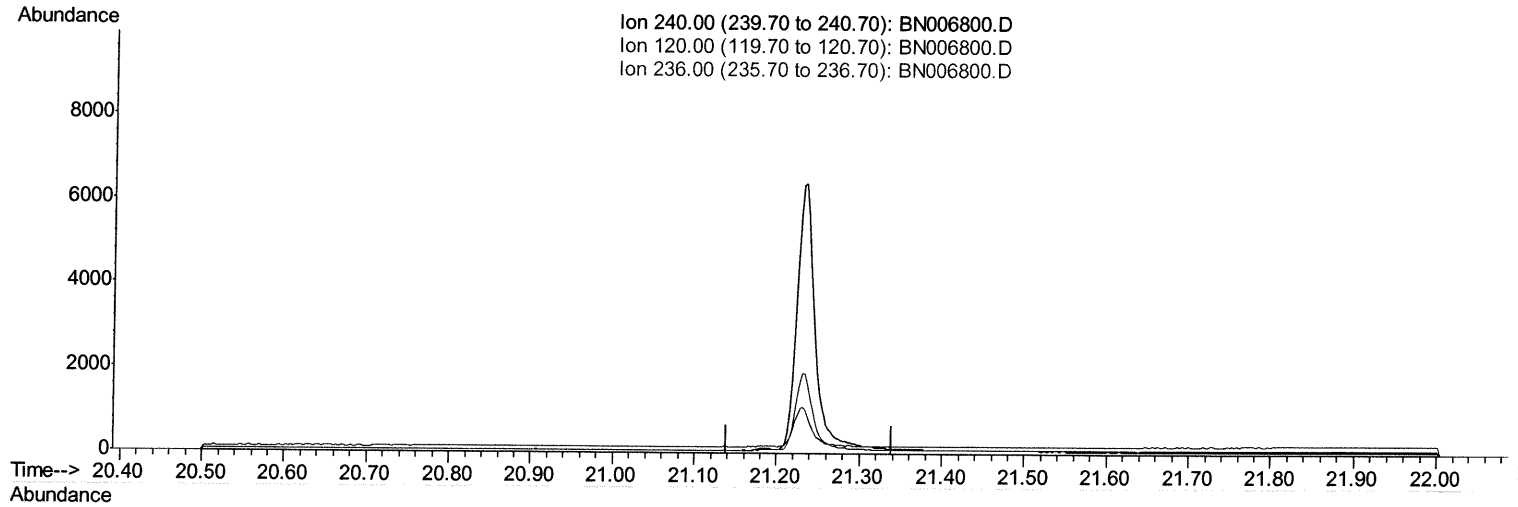
Quantitation Report (Qedit)

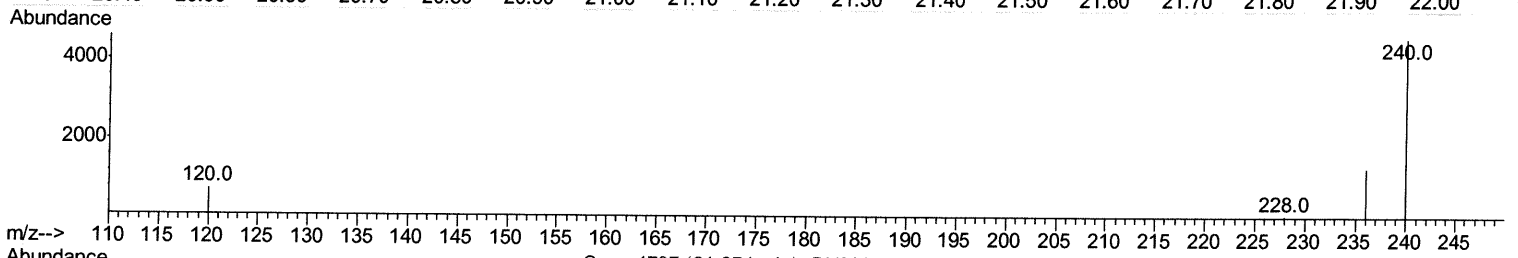
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\
Data File : BN006800.D
Acq On : 11 Jul 2019 16:27
Operator : HP/JU
Sample : K3578-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

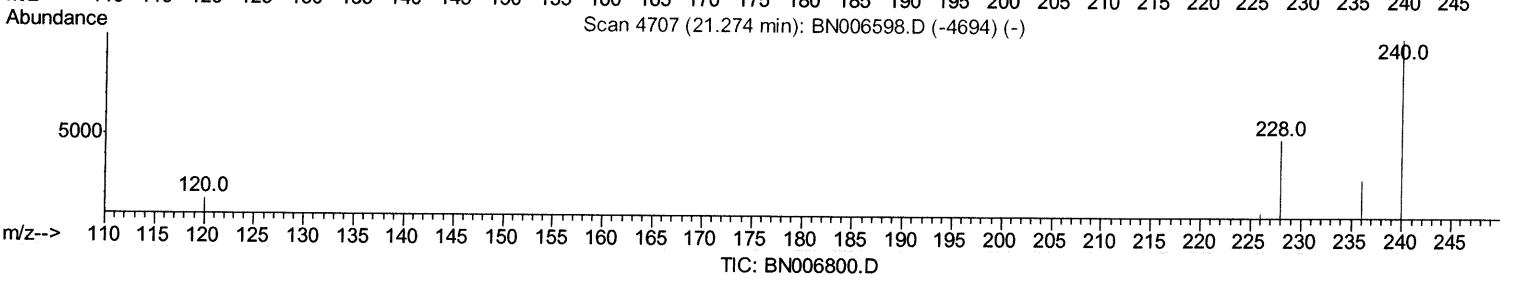
Quant Time: Jul 12 07:34:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLJH4

Manual Integrations APPROVED
mohammad
7/12/2019 10:26:43 PM







TIC: BN006800.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

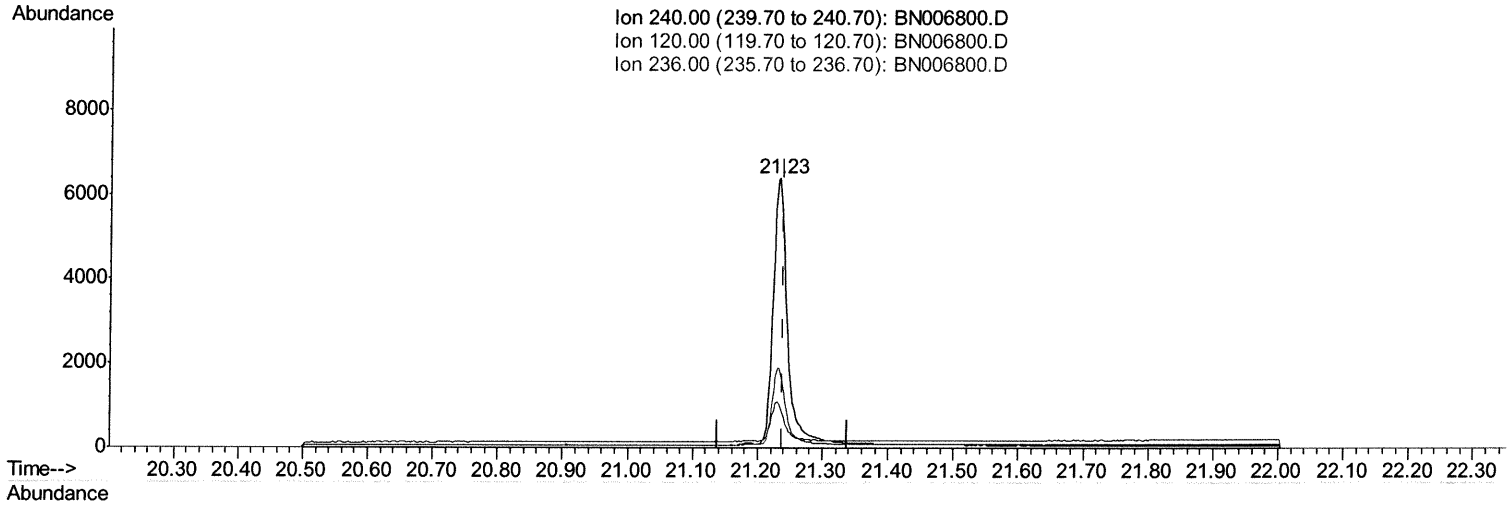
Quantitation Report (Qedit)

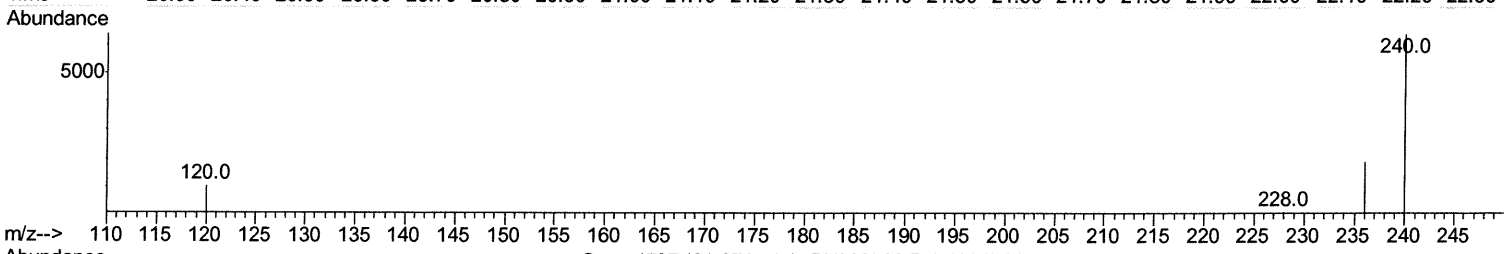
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\
Data File : BN006800.D
Acq On : 11 Jul 2019 16:27
Operator : HP/JU
Sample : K3578-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

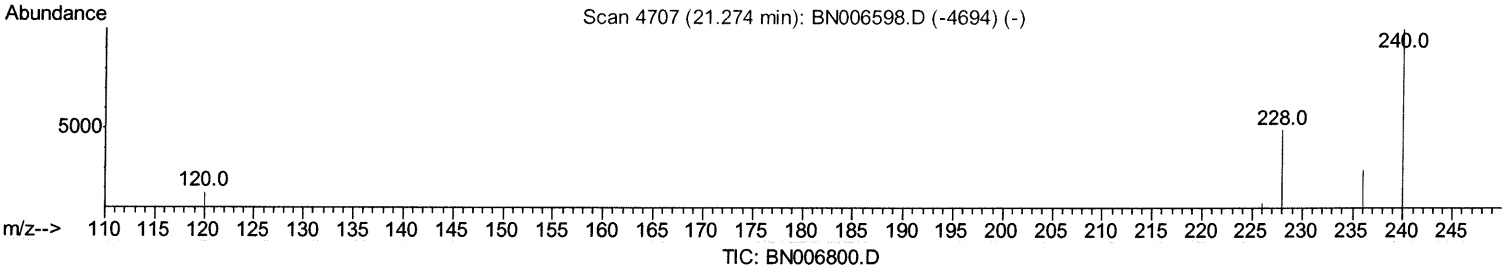
Quant Time: Jul 12 07:34:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLJH4

Manual Integrations APPROVED
mohammad
7/12/2019 10:26:43 PM







TIC: BN006800.D

(16) Chrysene-d12 (I)

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

response 9590

Ion	Exp%	Act%
240.00	100	100
120.00	20.20	16.17
236.00	30.00	29.45
0.00	0.00	0.00

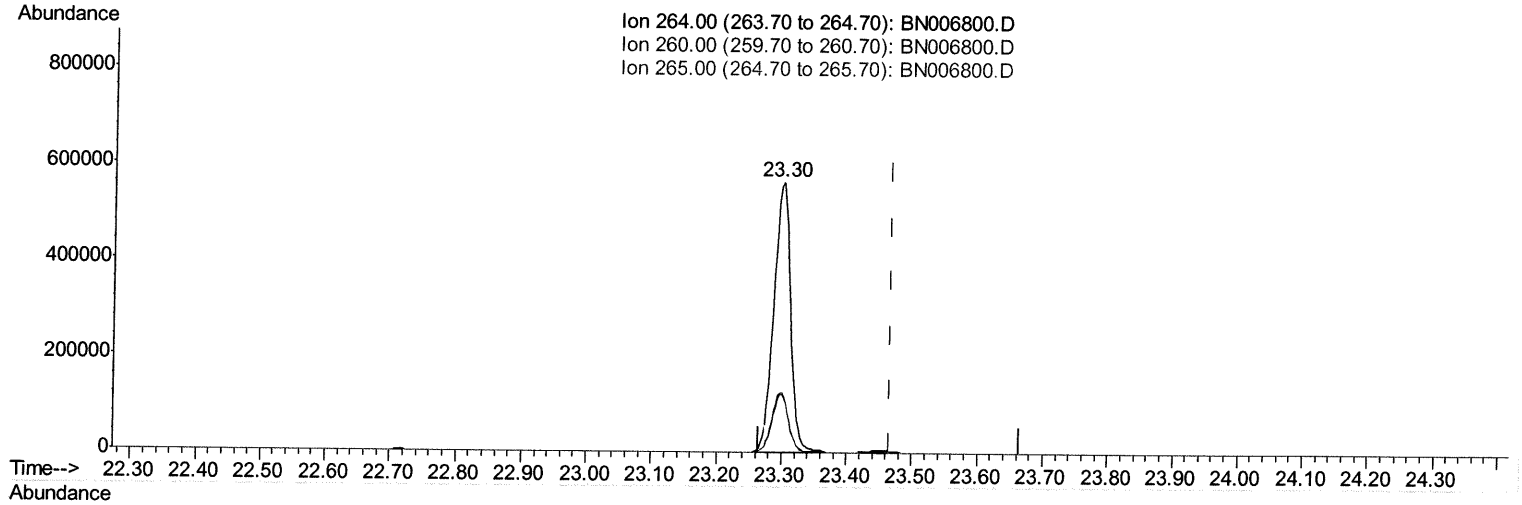
Quantitation Report (Qedit)

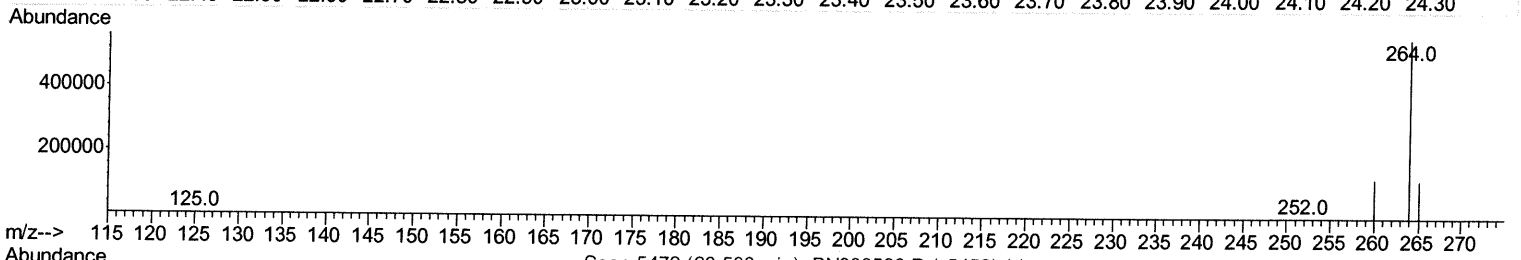
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\
Data File : BN006800.D
Acq On : 11 Jul 2019 16:27
Operator : HP/JU
Sample : K3578-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

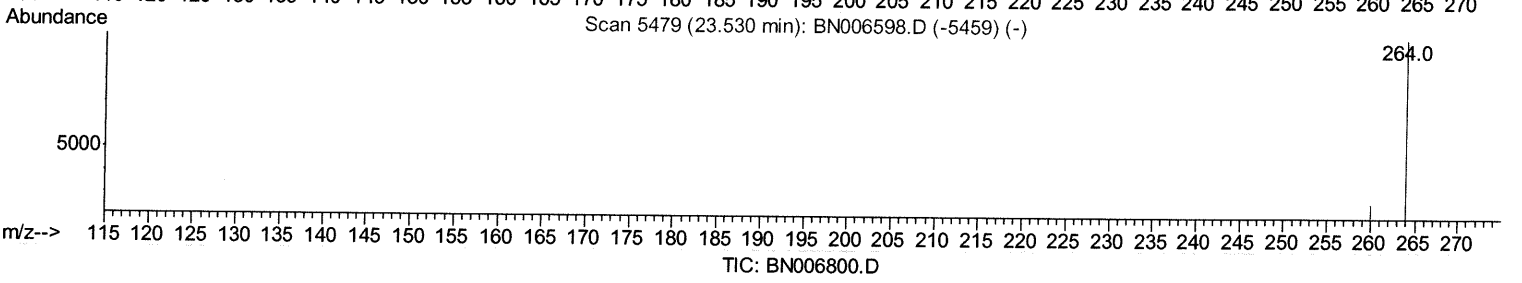
Quant Time: Jul 12 07:34:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLJH4

Manual Integrations APPROVED
mohammad
7/12/2019 10:26:43 PM







TIC: BN006800.D

(20) Perylene-d12 (I)

23.299min (-0.167) 0.40ng/ul

response 985580

Ion	Exp%	Act%
264.00	100	100
260.00	27.80	22.08#
265.00	36.10	21.52#
0.00	0.00	0.00

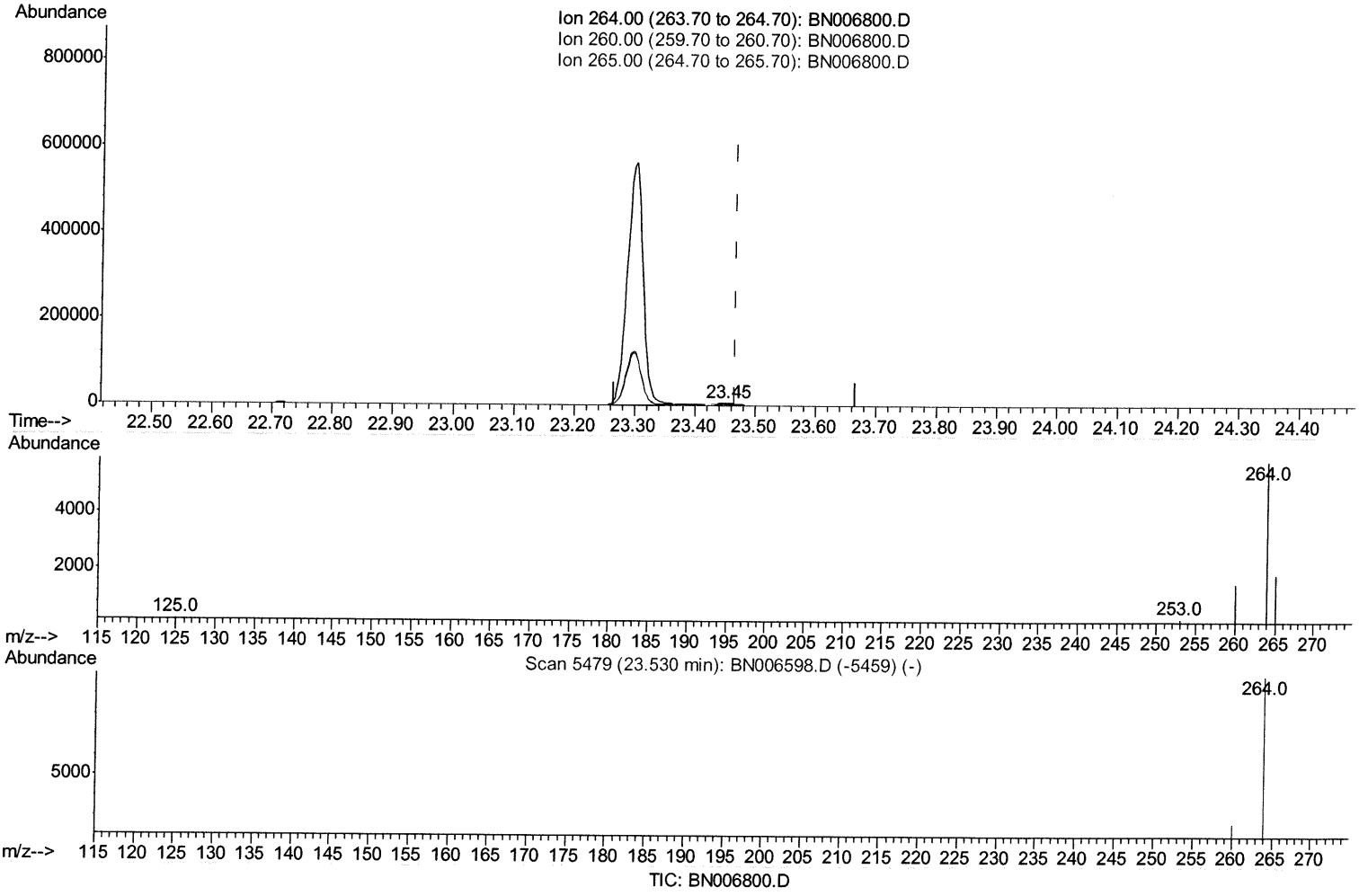
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\
Data File : BN006800.D
Acq On : 11 Jul 2019 16:27
Operator : HP/JU
Sample : K3578-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 12 07:34:57 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 :
JLJH4

Manual Integrations APPROVED
mohammad
7/12/2019 10:26:43 PM



(20) Perylene-d12 (I)

23.451min (-0.015) 0.40ng/ul m JU 07/12/19

response 8882

Ion	Exp%	Act%
264.00	100	100
260.00	27.80	26.62
265.00	36.10	31.54
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\
Data File : BN006800.D
Acq On : 11 Jul 2019 16:27
Operator : HP/JU
Sample : K3578-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLJH4

Manual Integrations APPROVED
mohammad
7/12/2019 10:26:43 PM

Quant Time: Jul 12 07:36:00 2019
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QLast Update : Fri Jul 12 06:39:20 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	2807	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	10255	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.24	164	6189	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	12113m	0.40	ng/ul	0.00
16) Chrysene-d12	21.23	240	9590m	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	8882m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	5812	0.37	ng/ul	-0.01
14) Fluoranthene-d10	19.05	212	14241m	0.40	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.40	128	1586	0.054	ng/ul#	1

JU 07/12/19

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