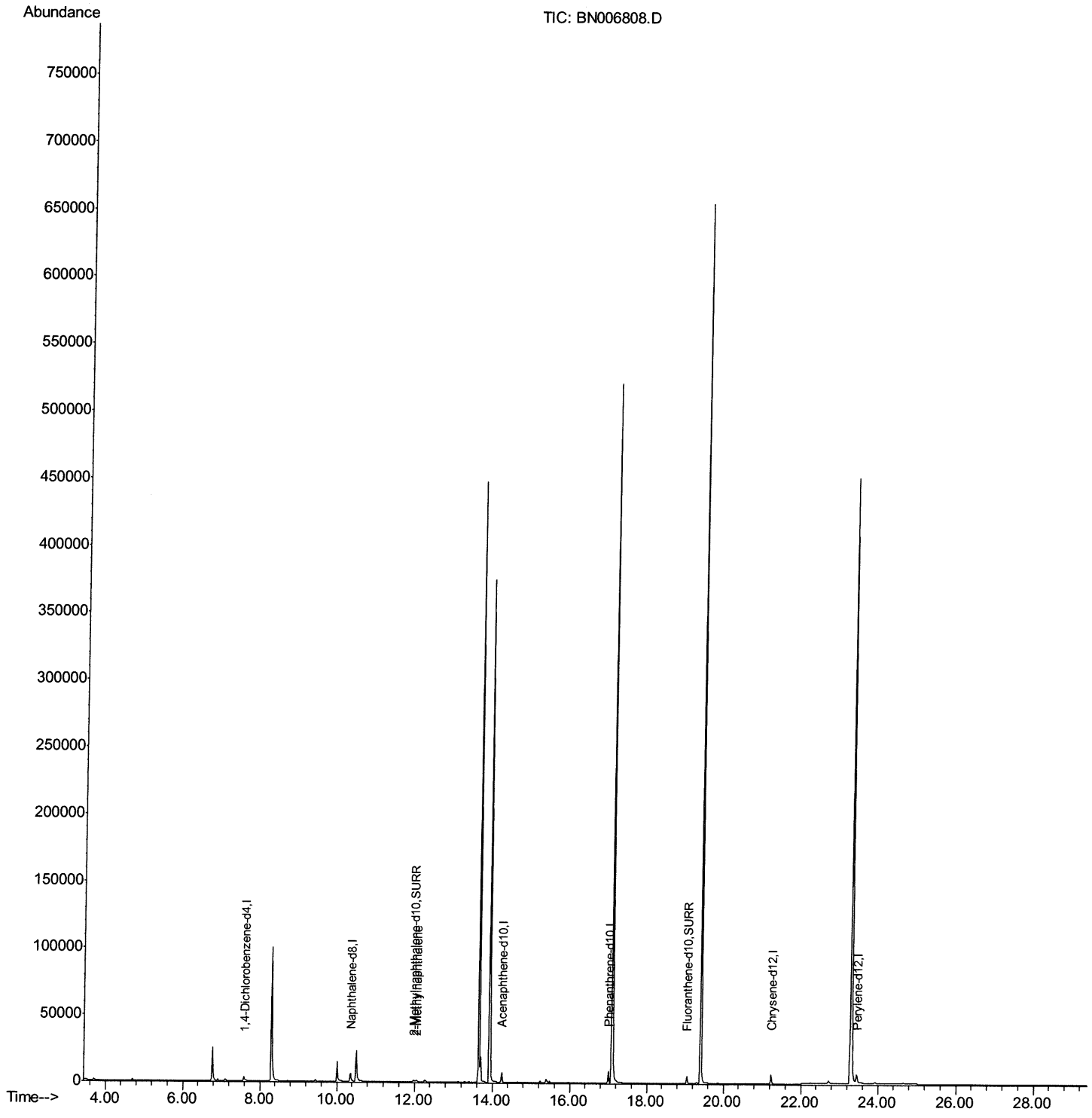
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\
Data File : BN006808.D
Acq On : 11 Jul 2019 21:08
Operator : HP/JU
Sample : K3578-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jul 12 08:02:07 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 :
JLJF4

Manual Integrations APPROVED
mohammad
7/12/2019 10:27:16 PM



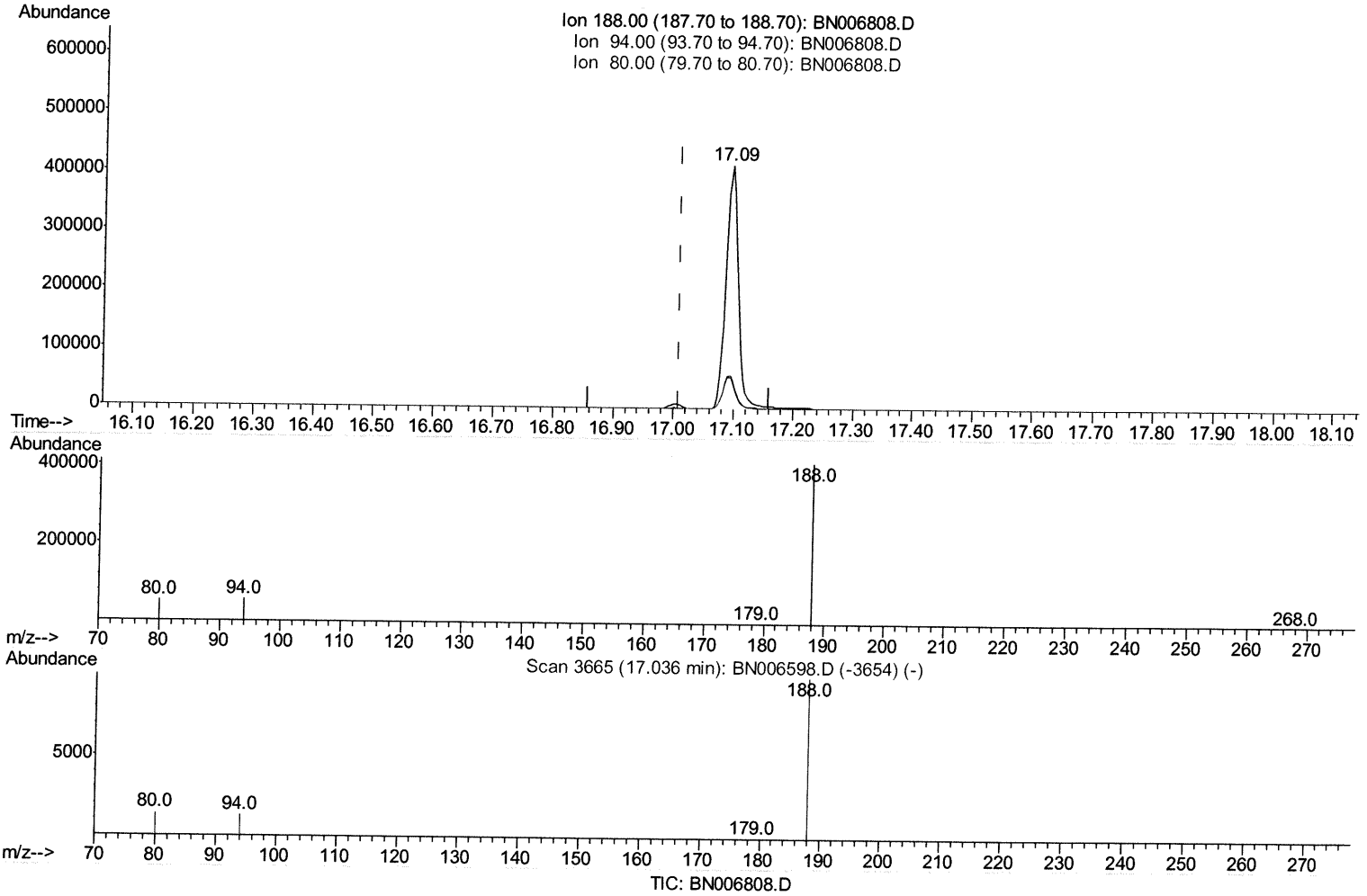
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\
Data File : BN006808.D
Acq On : 11 Jul 2019 21:08
Operator : HP/JU
Sample : K3578-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jul 12 07:58:57 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 :
JLJF4

Manual Integrations APPROVED
mohammad
7/12/2019 10:27:16 PM



TIC: BN006808.D

(10) Phenanthrene-d10 (I)

17.094min (+0.084) 0.40ng/ul

response 581918

Ion	Exp%	Act%
188.00	100	100
94.00	13.70	13.54
80.00	14.80	12.81
0.00	0.00	0.00

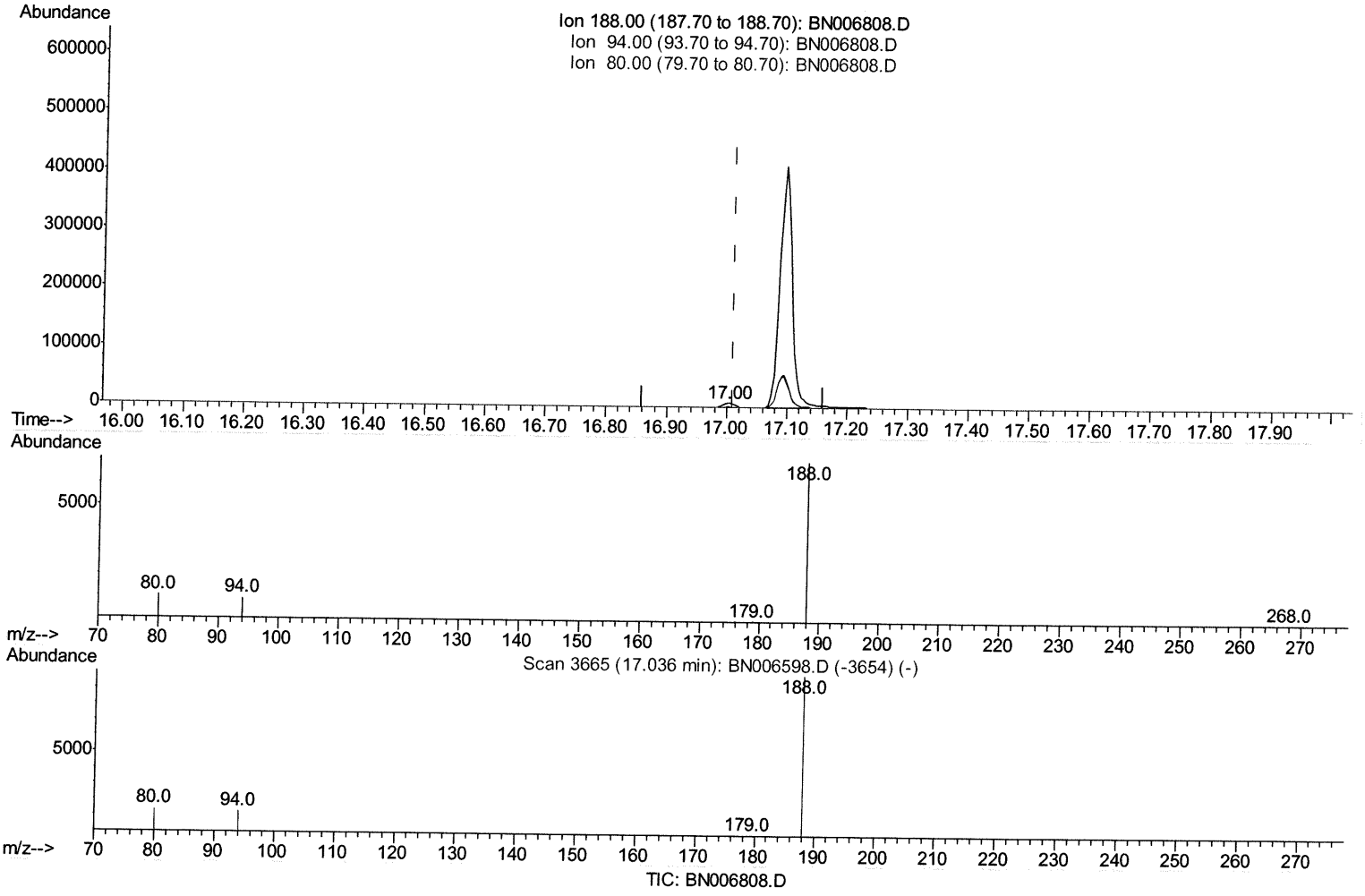
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\
Data File : BN006808.D
Acq On : 11 Jul 2019 21:08
Operator : HP/JU
Sample : K3578-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jul 12 07:58:57 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 :
JLJF4

Manual Integrations APPROVED
mohammad
7/12/2019 10:27:16 PM



(10) Phenanthrene-d10 (I)

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

response 9751

Ion	Exp%	Act%
188.00	100	100
94.00	13.70	13.09
80.00	14.80	14.79
0.00	0.00	0.00

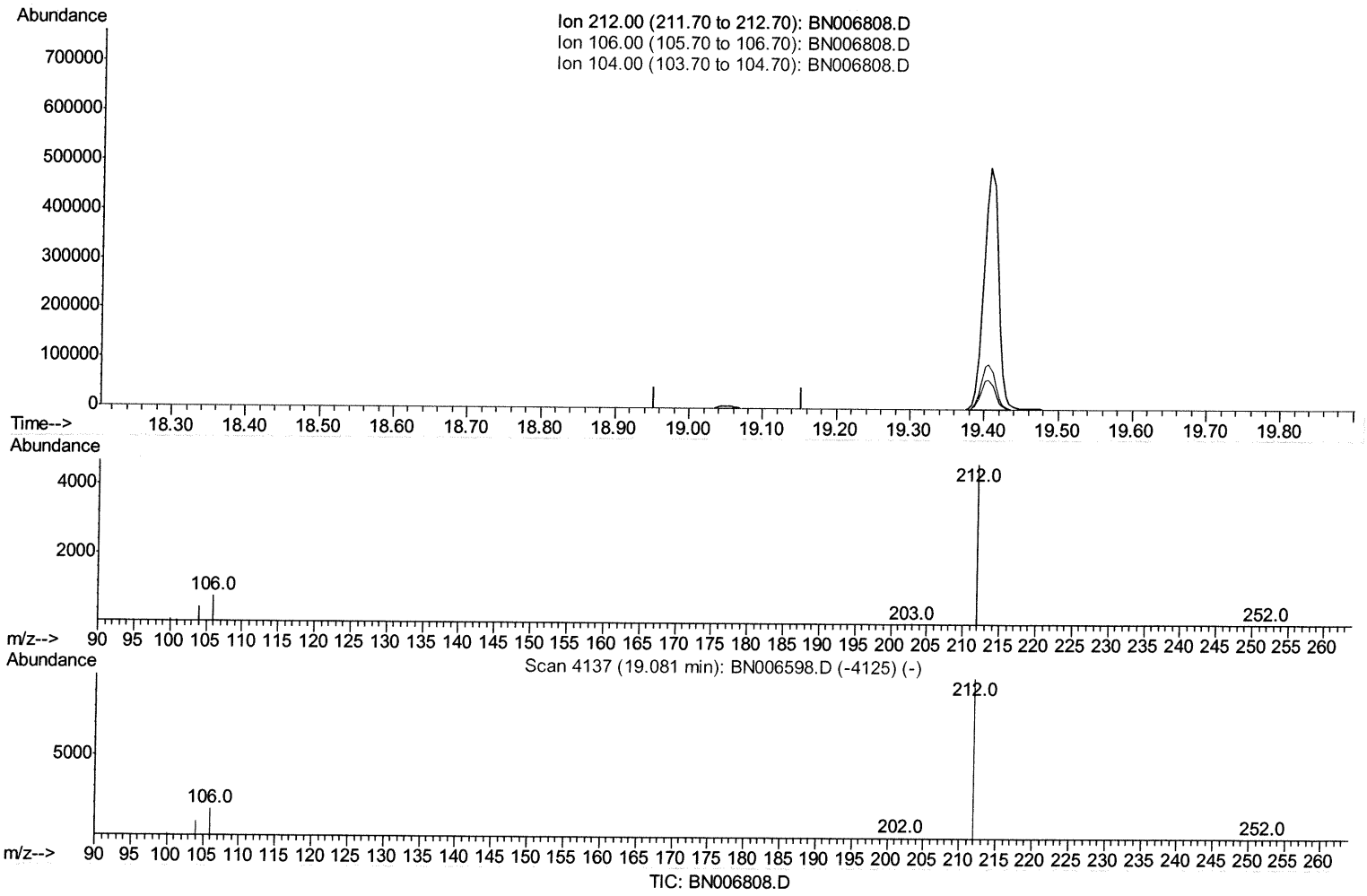
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\
Data File : BN006808.D
Acq On : 11 Jul 2019 21:08
Operator : HP/JU
Sample : K3578-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jul 12 07:59:35 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 :
JLJF4

Manual Integrations APPROVED
mohammad
7/12/2019 10:27:16 PM



TIC: BN006808.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

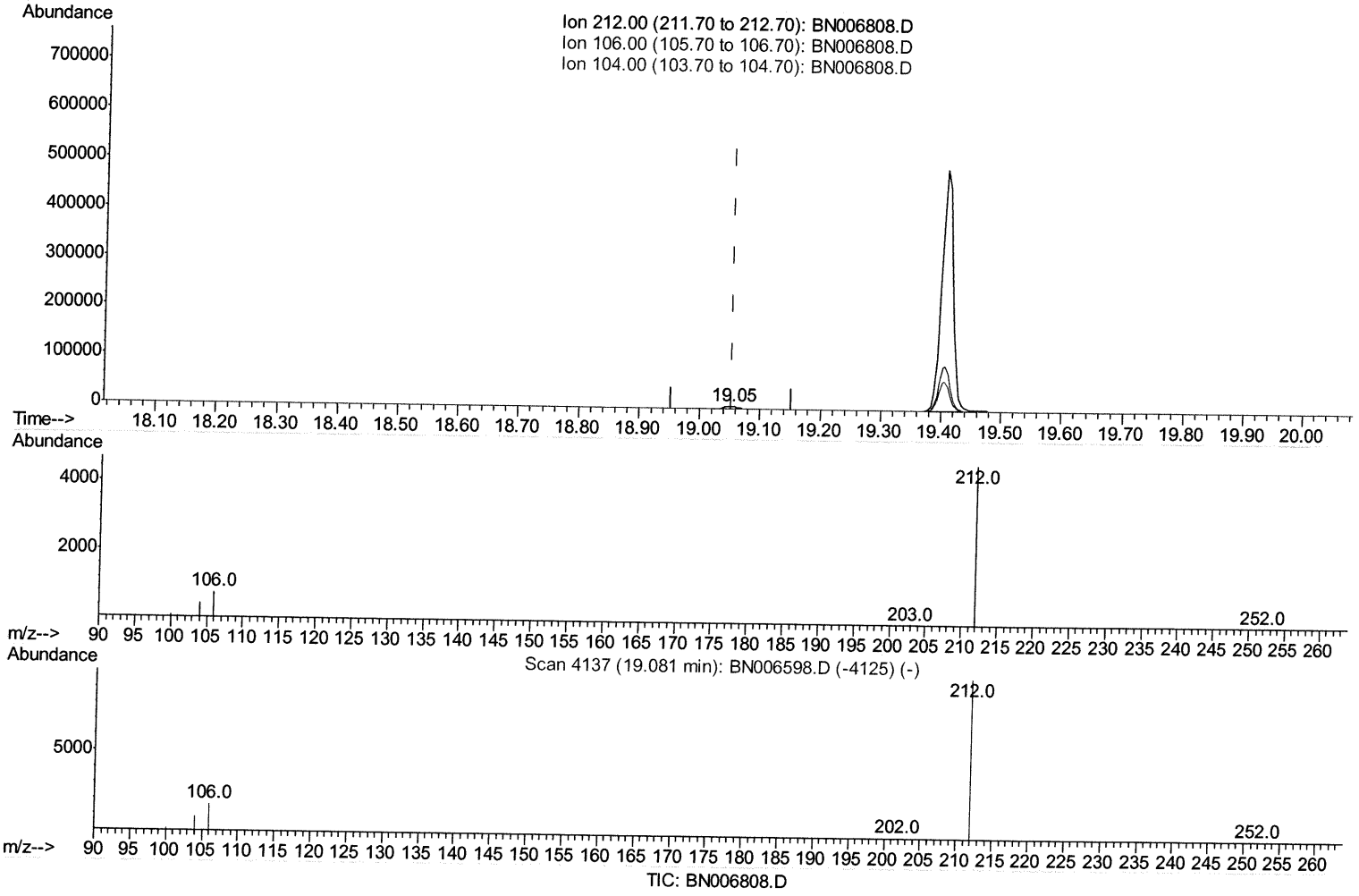
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\
Data File : BN006808.D
Acq On : 11 Jul 2019 21:08
Operator : HP/JU
Sample : K3578-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jul 12 07:59:35 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 :
JLJF4

Manual Integrations APPROVED
mohammad
7/12/2019 10:27:16 PM



TIC: BN006808.D

(14) Fluoranthene-d10 (SURR)

19.053min (-0.000) 0.24ng/ul m JG 07/12/19

response 6944

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

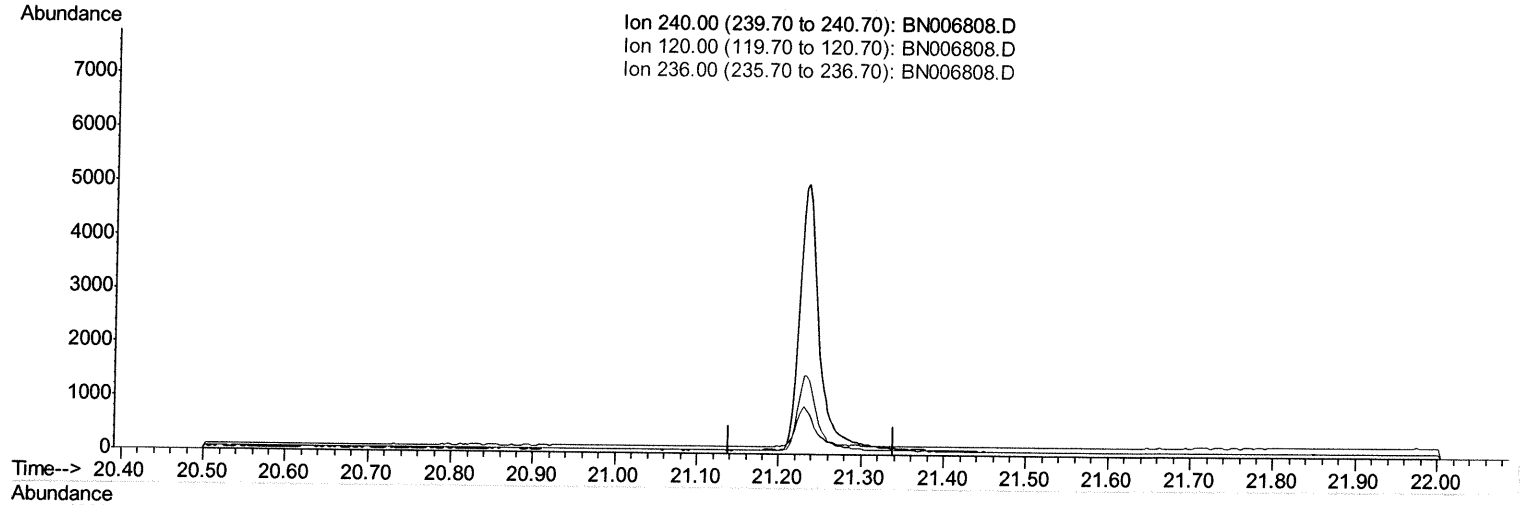
Quantitation Report (Qedit)

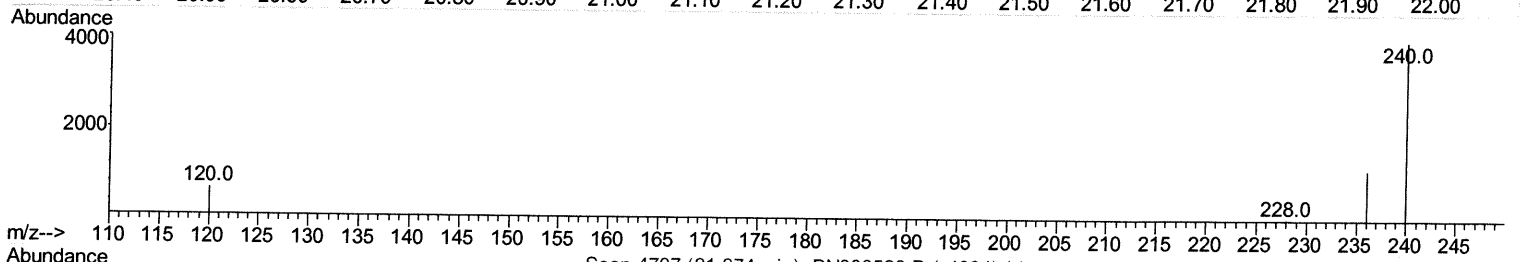
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\
Data File : BN006808.D
Acq On : 11 Jul 2019 21:08
Operator : HP/JU
Sample : K3578-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jul 12 08:00:31 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

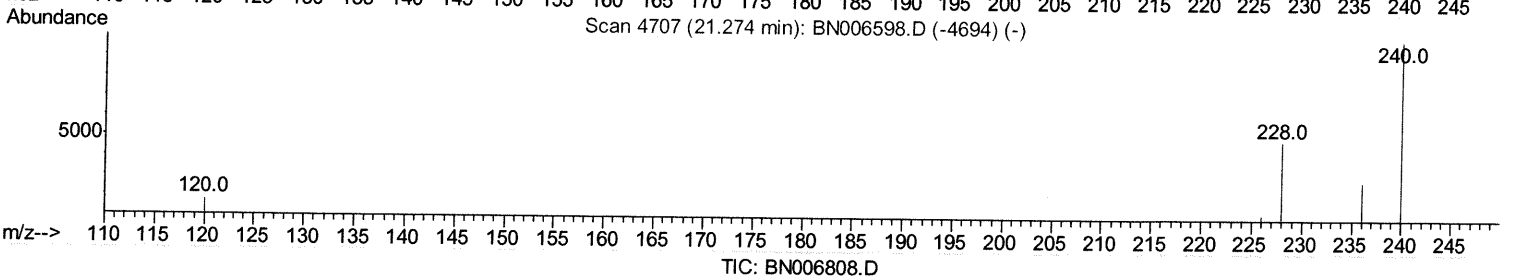
Instrument :
BNA_N
ClientSampleId :
JLJF4

Manual Integrations APPROVED
mohammad
7/12/2019 10:27:16 PM





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



TIC: BN006808.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

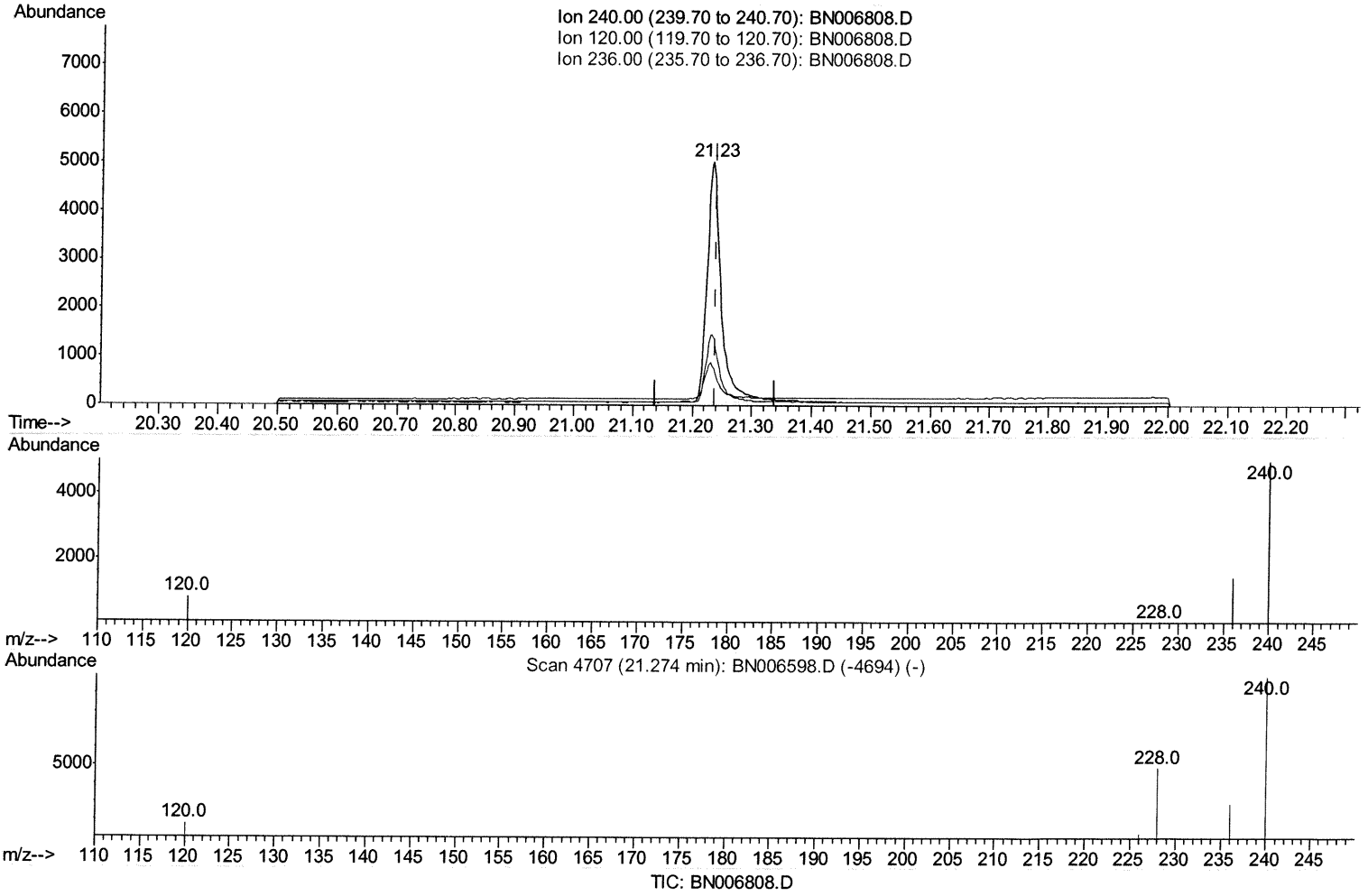
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\
Data File : BN006808.D
Acq On : 11 Jul 2019 21:08
Operator : HP/JU
Sample : K3578-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jul 12 08:00:31 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 :
JLJF4

Manual Integrations APPROVED
mohammad
7/12/2019 10:27:16 PM



TIC: BN006808.D

(16) Chrysene-d12 (I)

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

response 8172

Ion	Exp%	Act%
240.00	100	100
120.00	20.20	16.54
236.00	30.00	29.11
0.00	0.00	0.00

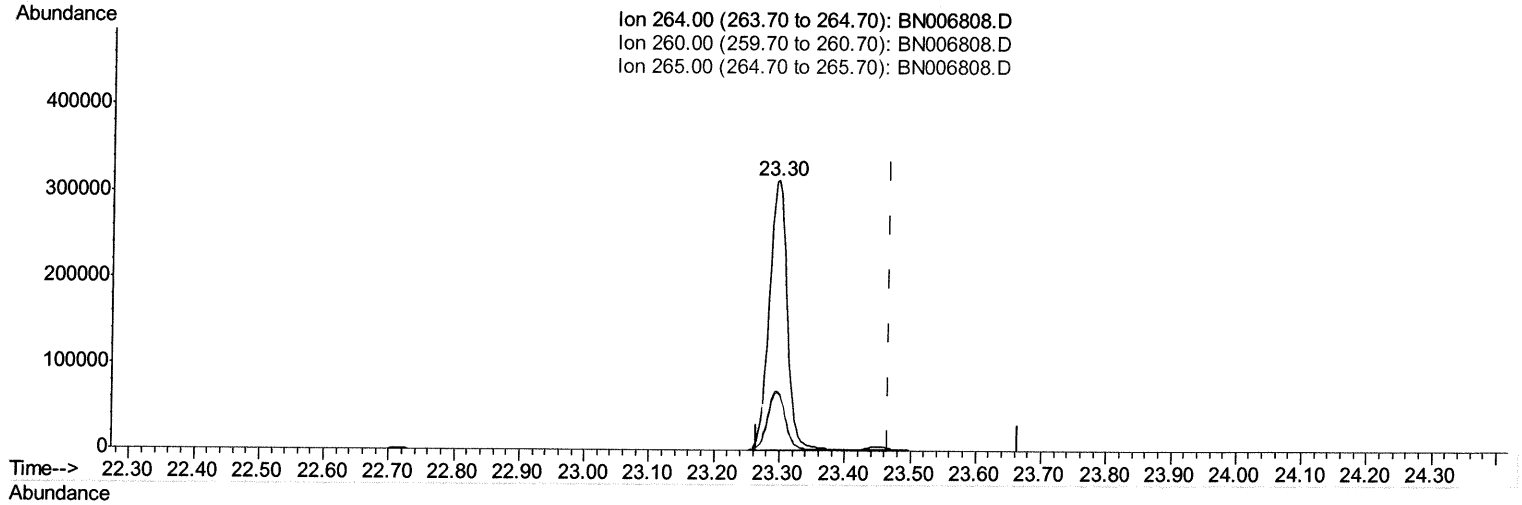
Quantitation Report (Qedit)

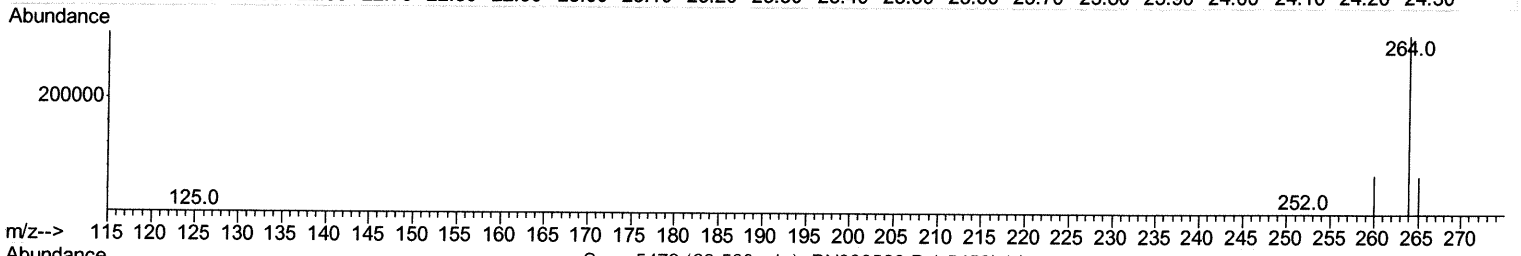
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\
Data File : BN006808.D
Acq On : 11 Jul 2019 21:08
Operator : HP/JU
Sample : K3578-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

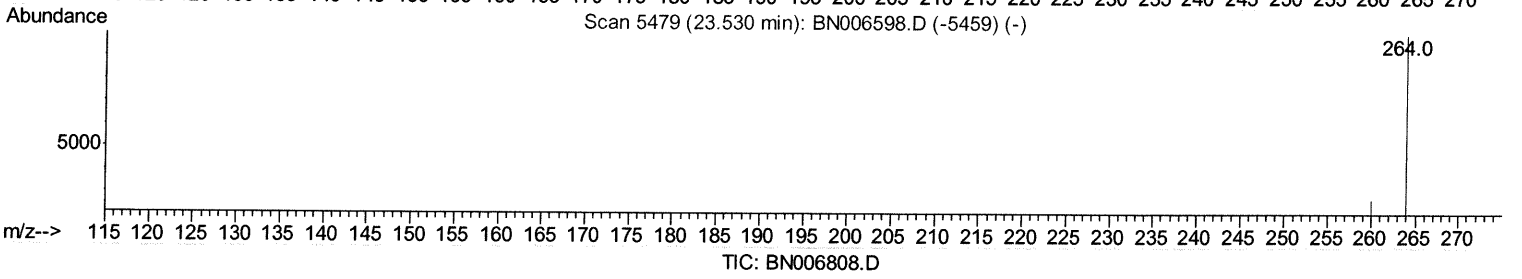
Quant Time: Jul 12 08:01:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLJF4

Manual Integrations APPROVED
mohammad
7/12/2019 10:27:16 PM







(20) Perylene-d12 (I)

23.296min (-0.170) 0.40ng/ul

response 567195

Ion	Exp%	Act%
264.00	100	100
260.00	27.80	21.97#
265.00	36.10	21.44#
0.00	0.00	0.00

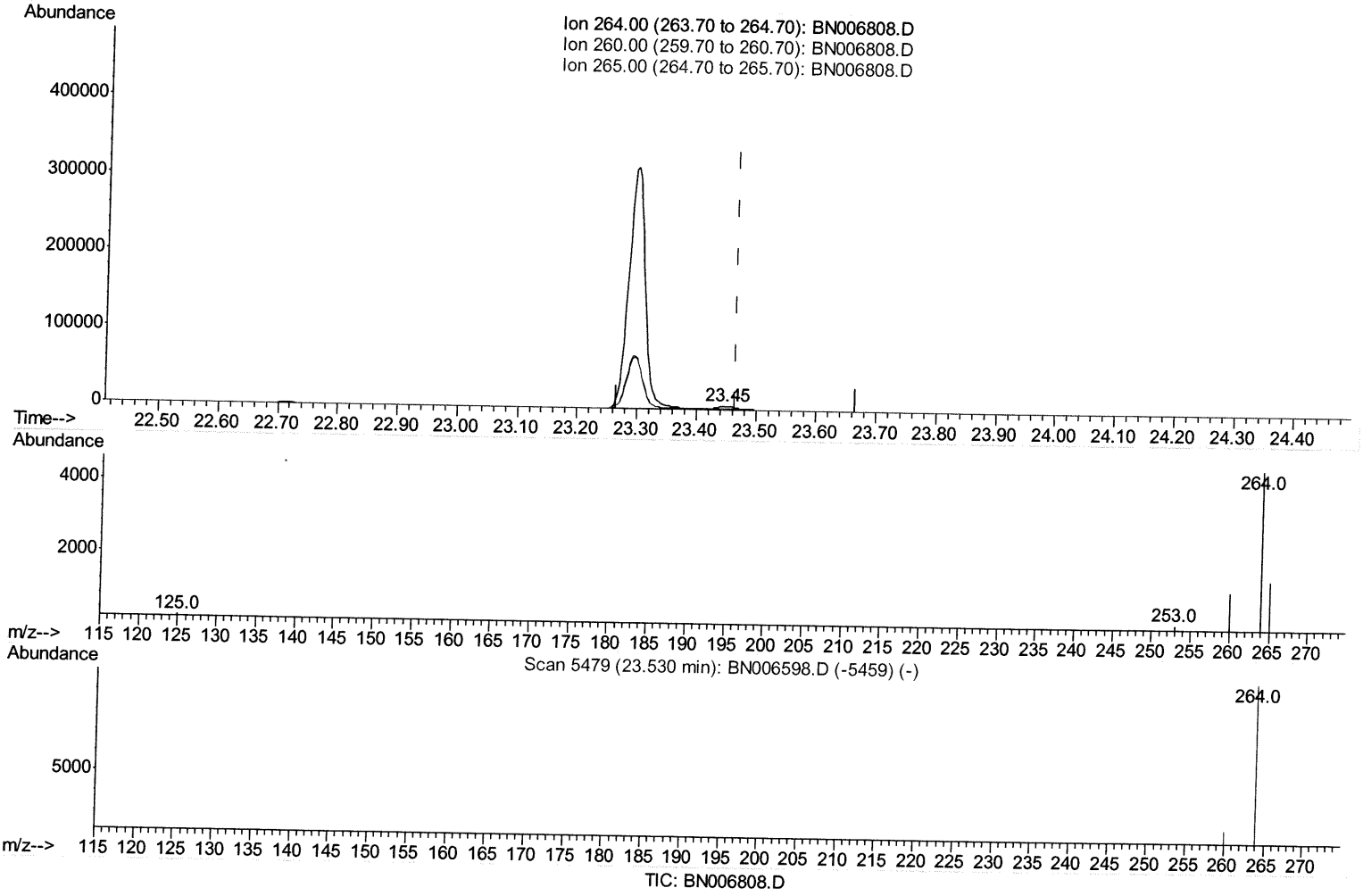
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\
Data File : BN006808.D
Acq On : 11 Jul 2019 21:08
Operator : HP/JU
Sample : K3578-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jul 12 08:01:12 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 :
JLJF4

Manual Integrations APPROVED
mohammad
7/12/2019 10:27:16 PM



(20) Perylene-d12 (I)

23.448min (-0.018) 0.40ng/ul m JU 07/12/19

response 7494

Ion	Exp%	Act%
264.00	100	100
260.00	27.80	26.89
265.00	36.10	33.60
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071119\
Data File : BN006808.D
Acq On : 11 Jul 2019 21:08
Operator : HP/JU
Sample : K3578-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLJF4

Manual Integrations APPROVED
mohammad
7/12/2019 10:27:16 PM

Quant Time: Jul 12 08:02:07 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	2430	0.40	ng/ul	0.00
2) Naphthalene-d8	10.36	136	8807	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	4564	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	9751m >	0.40	ng/ul	0.00
16) Chrysene-d12	21.23	240	8172m >	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	7494m >	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	2899	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	6944m >	0.24	ng/ul	0.00
Target Compounds						Qvalue
5) 2-Methylnaphthalene	12.05	142	1231	0.072	ng/ul	97

JV 07/12/19

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