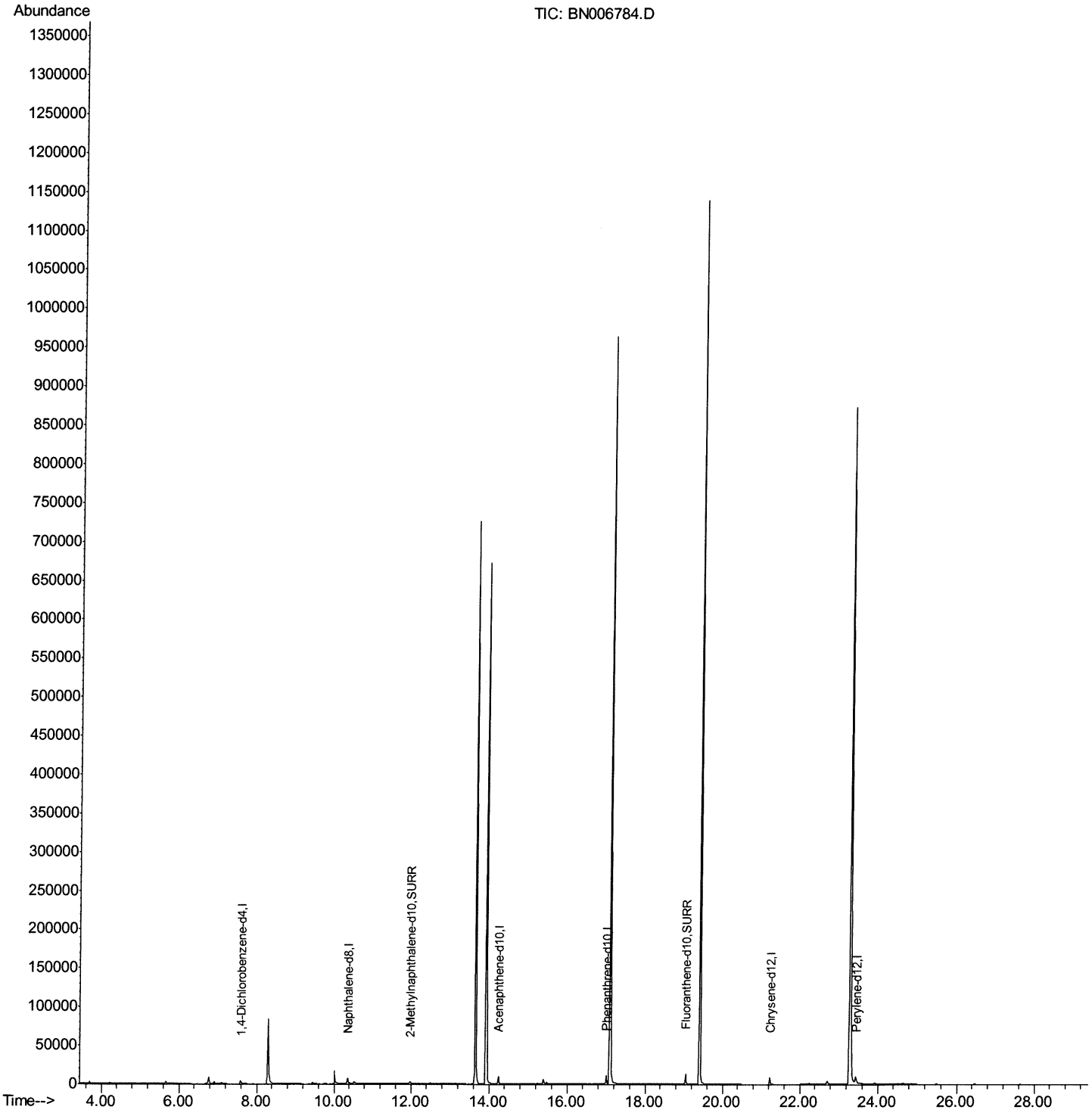
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071019\
Data File : BN006784.D
Acq On : 10 Jul 2019 23:28
Operator : HP/JU
Sample : K3596-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 11 04:05:43 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 : Thu Jul 11 02:31:55 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLJG5

Manual Integrations APPROVED
mohammad
7/11/2019 9:10:59 AM



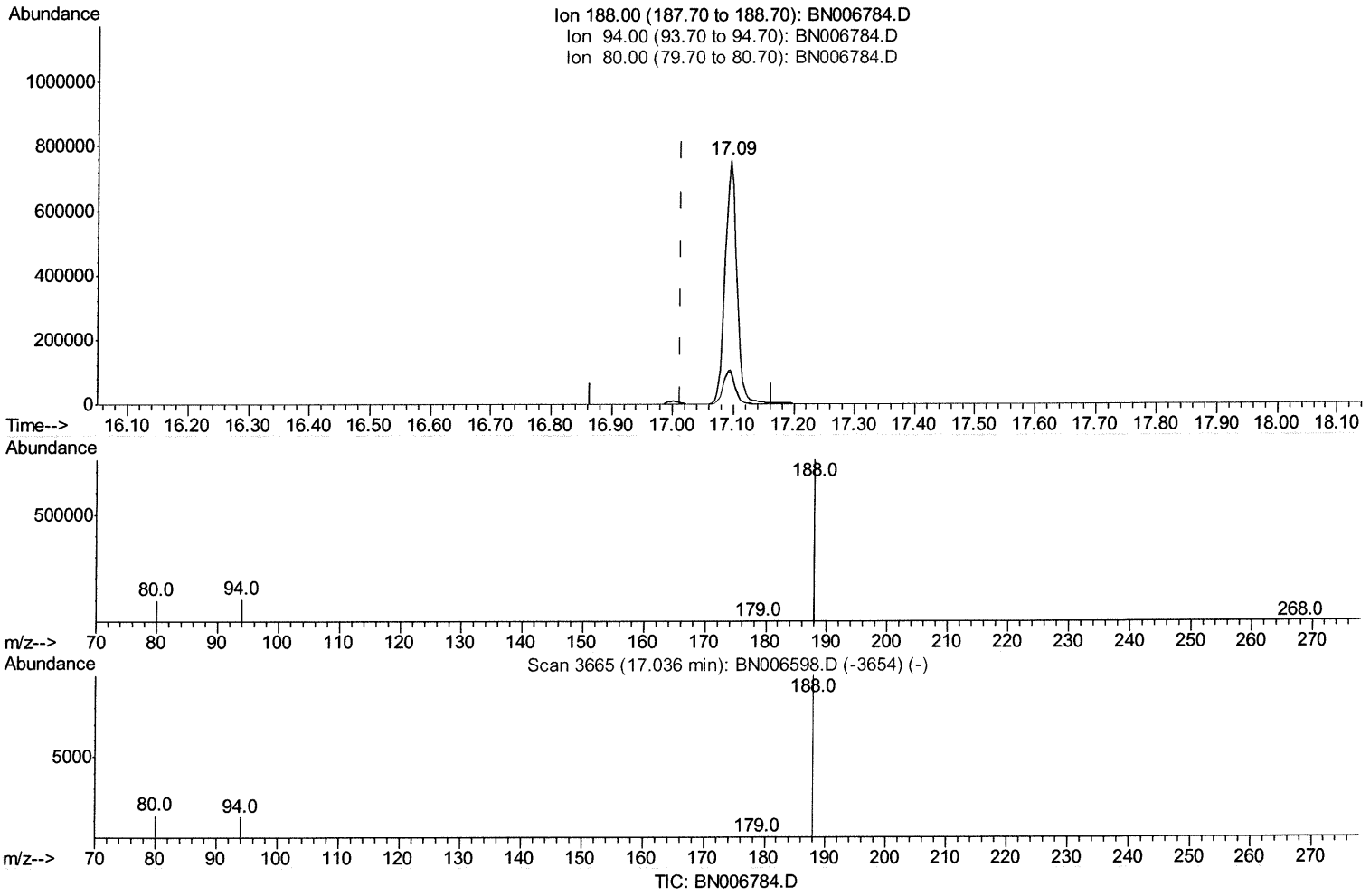
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071019\
Data File : BN006784.D
Acq On : 10 Jul 2019 23:28
Operator : HP/JU
Sample : K3596-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 11 04:02:29 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 : Thu Jul 11 02:31:55 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLJG5

Manual Integrations APPROVED
mohammad
7/11/2019 9:10:59 AM



TIC: BN006784.D

(10) Phenanthrene-d10 (I)

17.094min (+0.080) 0.40ng/ul

response 1025453

Ion	Exp%	Act%
188.00	100	100
94.00	13.70	14.04
80.00	14.80	13.22
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071019\
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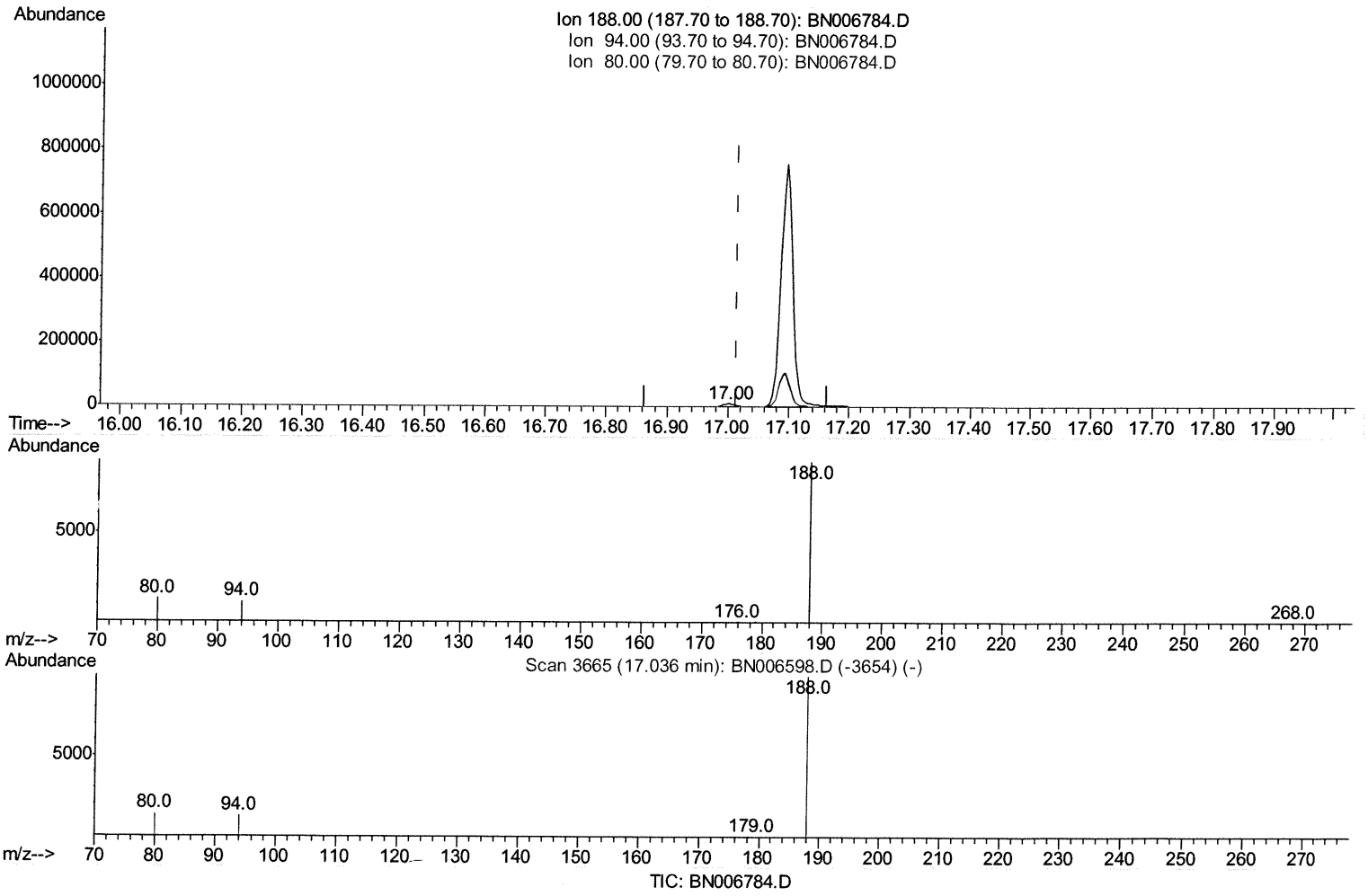
Acq On : 10 Jul 2019 23:28
Operator : HP/JU
Sample : K3596-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 11 04:02:29 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 : Thu Jul 11 02:31:55 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLJG5

Manual Integrations APPROVED
mohammad
7/11/2019 9:10:59 AM



TIC: BN006784.D

(10) Phenanthrene-d10 (I)

17.002min (-0.013) 0.40ng/ul m JU 07/11/19

response 12217

Ion	Exp%	Act%
188.00	100	100
94.00	13.70	12.86
80.00	14.80	14.64
0.00	0.00	0.00

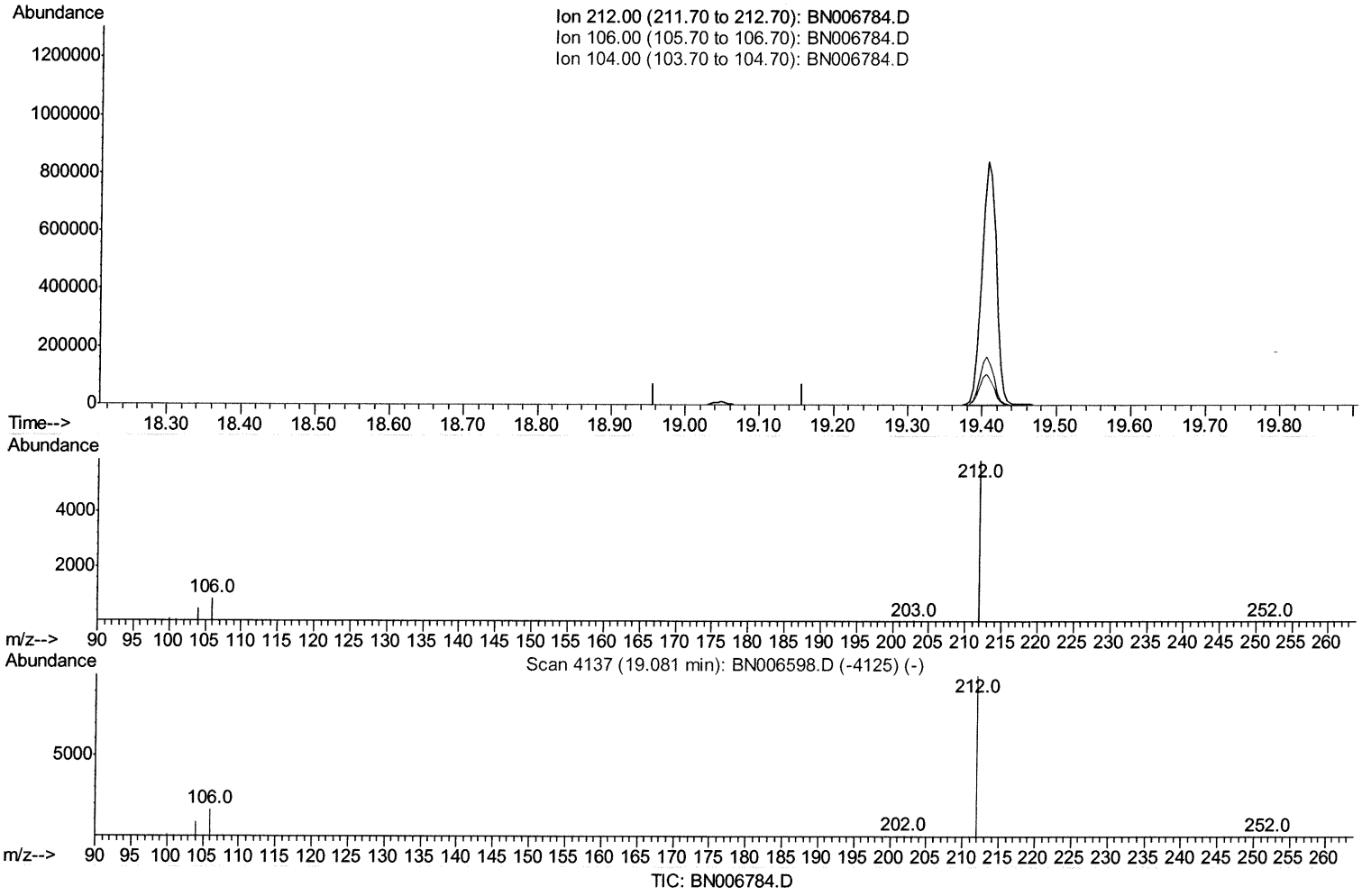
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071019\
Data File : BN006784.D
Acq On : 10 Jul 2019 23:28
Operator : HP/JU
Sample : K3596-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 11 04:03:21 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 : Thu Jul 11 02:31:55 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLJG5

Manual Integrations APPROVED
mohammad
7/11/2019 9:10:59 AM



(14) Fluoranthene-d10 (SURR)

19.058min (-19.058) 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\BN071019\
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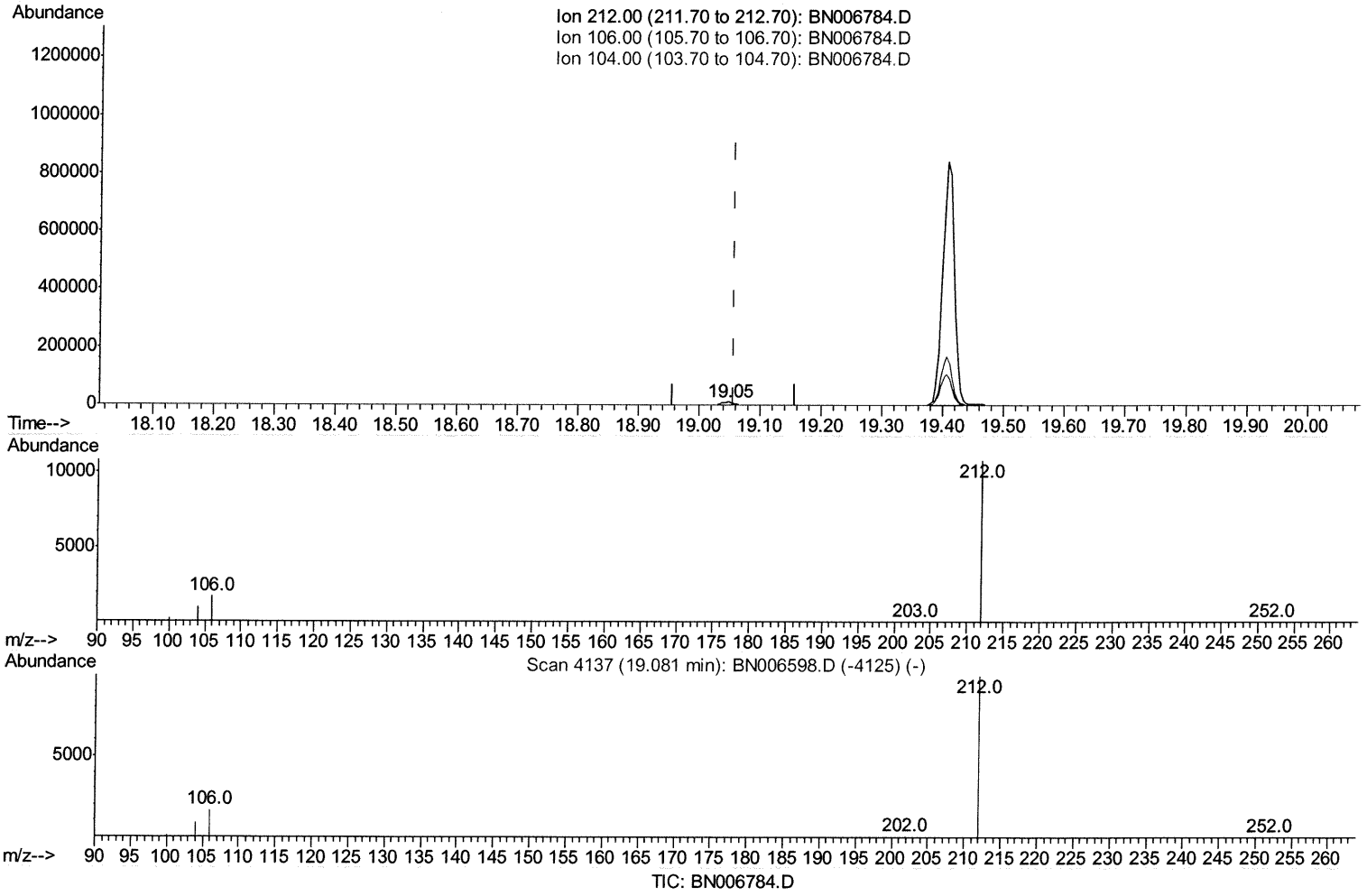
Acq On : 10 Jul 2019 23:28
Operator : HP/JU
Sample : K3596-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 11 04:03:21 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 : Thu Jul 11 02:31:55 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLJG5

Manual Integrations APPROVED
mohammad
7/11/2019 9:10:59 AM



TIC: BN006784.D

(14) Fluoranthene-d10 (SURR)

19.048min (-0.009) 0.42ng/ul m JU 07/11/19

response 14866

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

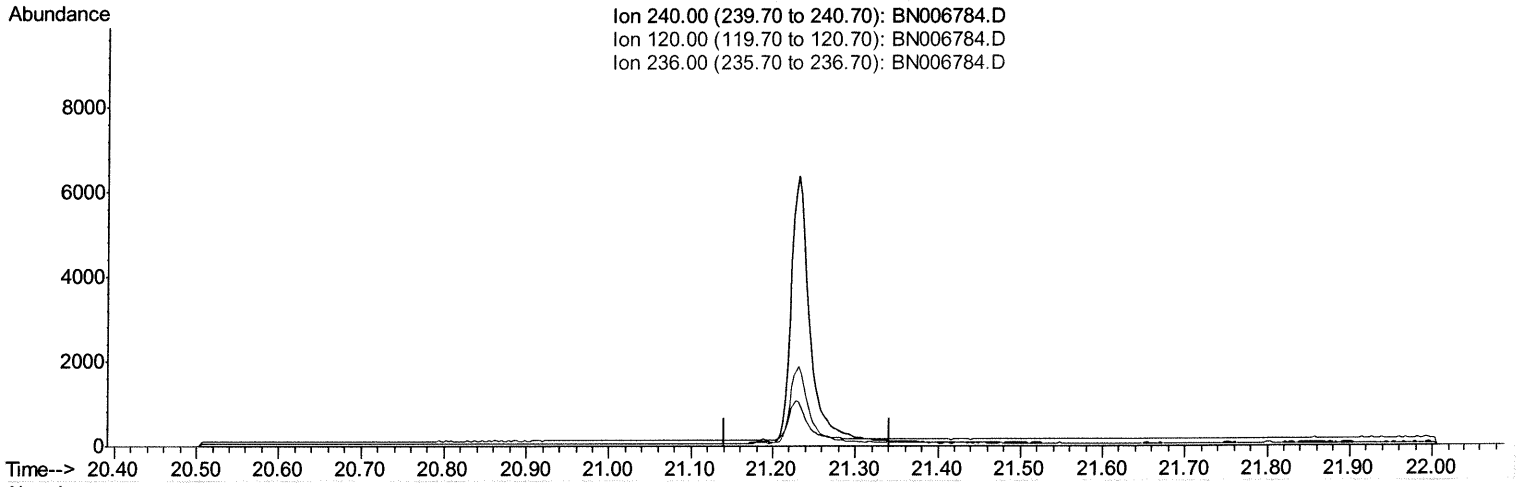
Quantitation Report (Qedit)

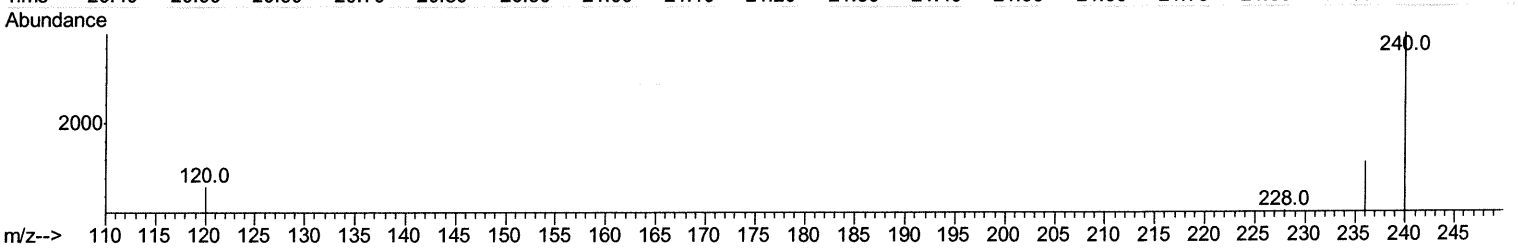
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071019\
Data File : BN006784.D
Acq On : 10 Jul 2019 23:28
Operator : HP/JU
Sample : K3596-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

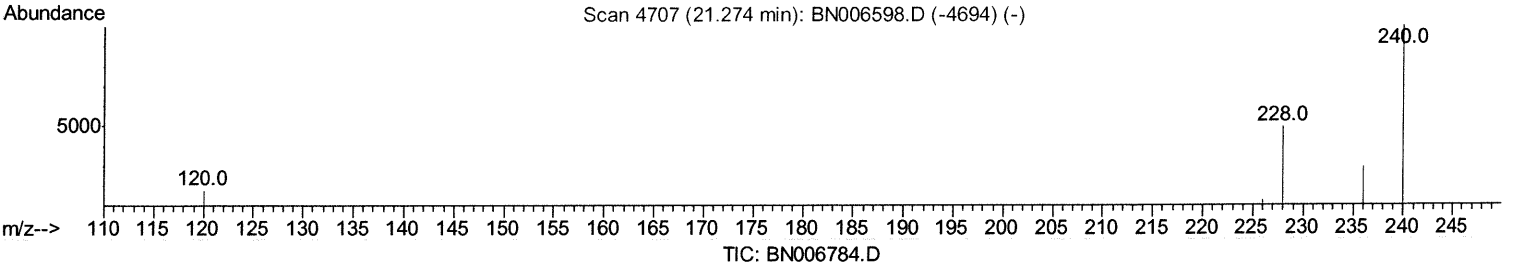
Quant Time: Jul 11 04:03:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 11 02:31:55 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLJG5

Manual Integrations APPROVED
mohammad
7/11/2019 9:10:59 AM







(16) Chrysene-d12 (I)

21.242min (-21.242) 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

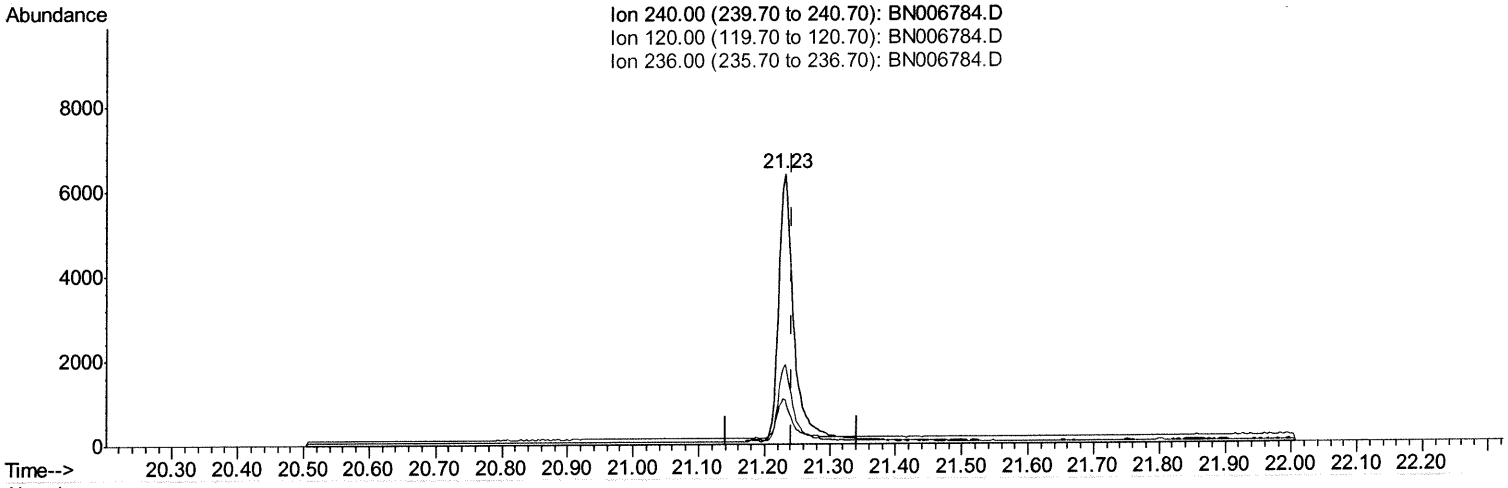
Quantitation Report (Qedit)

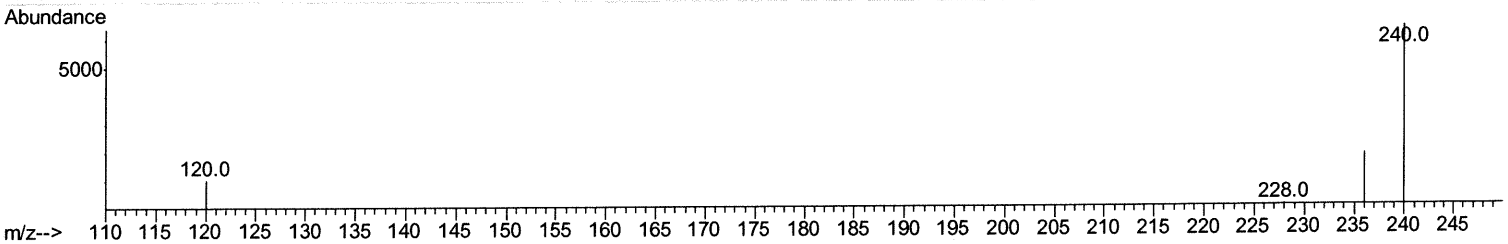
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071019\
Data File : BN006784.D
Acq On : 10 Jul 2019 23:28
Operator : HP/JU
Sample : K3596-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 11 04:03:21 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 : Thu Jul 11 02:31:55 2019
Response via : Initial Calibration

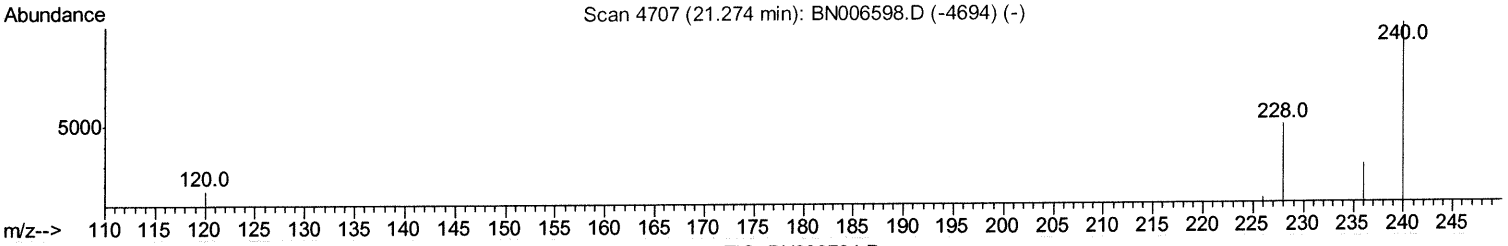
Instrument :
BNA_N
ClientSampleId :
JLJG5

Manual Integrations APPROVED
mohammad
7/11/2019 9:10:59 AM





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



TIC: BN006784.D

(16) Chrysene-d12 (I)

21.232min (-0.010) 0.40ng/ul m JU 07/11/19

response 10147

Ion	Exp%	Act%
240.00	100	100
120.00	20.20	16.40
236.00	30.00	29.38
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071019\
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Acq On : 10 Jul 2019 23:28
Operator : HP/JU
Sample : K3596-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 11 04:04:40 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 : Thu Jul 11 02:31:55 2019
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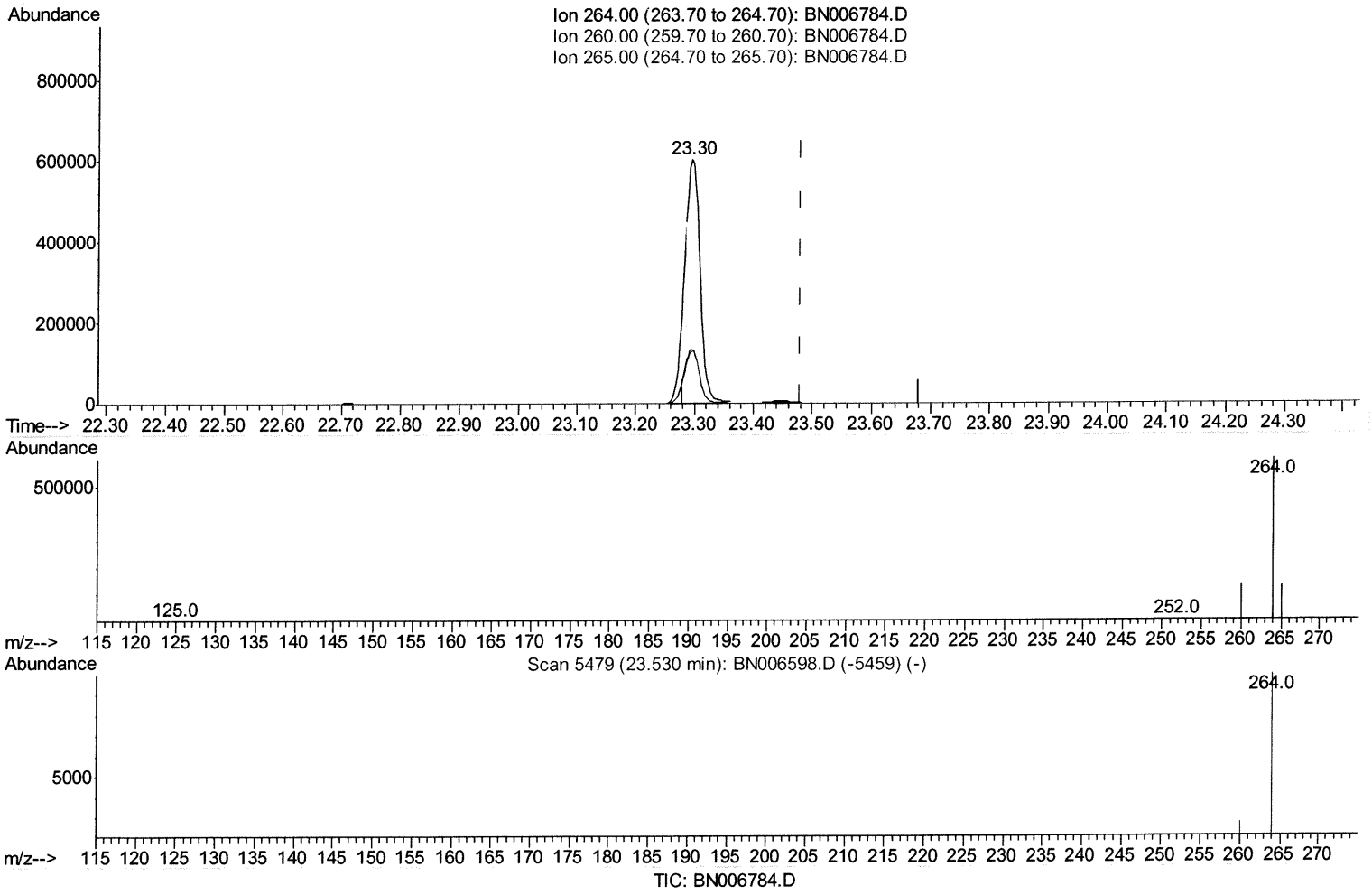
Instrument :
BNA_N
ClientSampleId :
JLJG5

Manual Integrations APPROVED
mohammad
7/11/2019 9:10:59 AM



(20) Perylene-d12 (I)

23.295min (-0.185) 0.40ng/ul

response 820325

Ion	Exp%	Act%
264.00	100	100
260.00	27.80	22.39
265.00	36.10	21.58#
0.00	0.00	0.00

Quantitation Report (Qedit)

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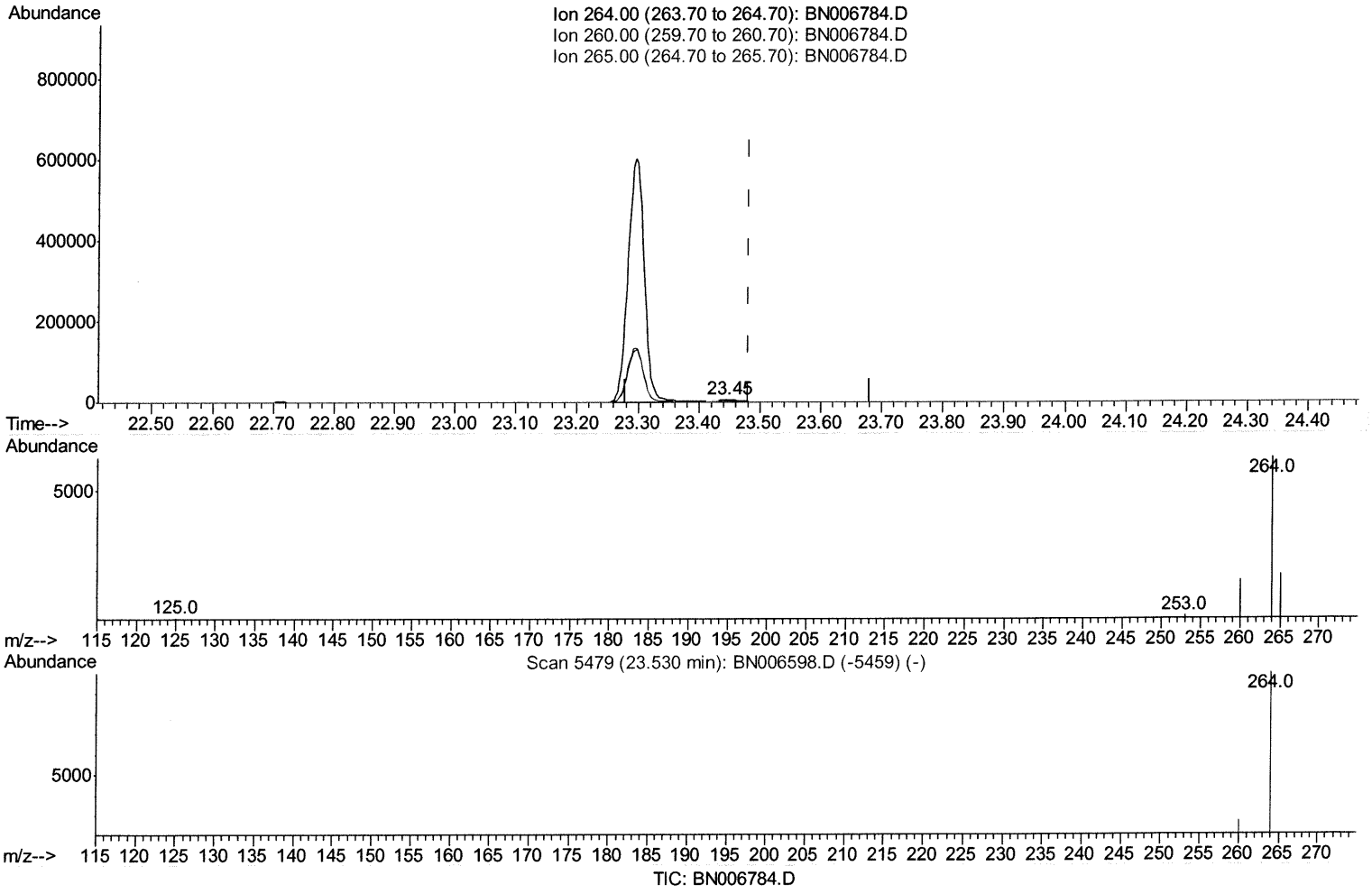
Data File : BN006784.D
Acq On : 10 Jul 2019 23:28
Operator : HP/JU
Sample : K3596-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 11 04:04:40 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 : Thu Jul 11 02:31:55 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLJG5

Manual Integrations APPROVED
mohammad
7/11/2019 9:10:59 AM



(20) Perylene-d12 (I)

23.447min (-0.033) 0.40ng/ul m JU 07/11/19

response 9181

Ion	Exp%	Act%
264.00	100	100
260.00	27.80	25.88
265.00	36.10	29.30
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071019\
Data File : BN006784.D
Acq On : 10 Jul 2019 23:28
Operator : HP/JU
Sample : K3596-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLJG5

Manual Integrations APPROVED
mohammad
7/11/2019 9:10:59 AM

Quant Time: Jul 11 04:05:43 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	2901	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.36	136	10637	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.24	164	5749	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	12217m >	0.40	ng/ul	-0.01
16) Chrysene-d12	21.23	240	10147m >	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	9181m >	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	5689	0.35	ng/ul	-0.01
14) Fluoranthene-d10	19.05	212	14866m >	0.42	ng/ul	0.00

Target Compounds	Qvalue

JU 07/11/19

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