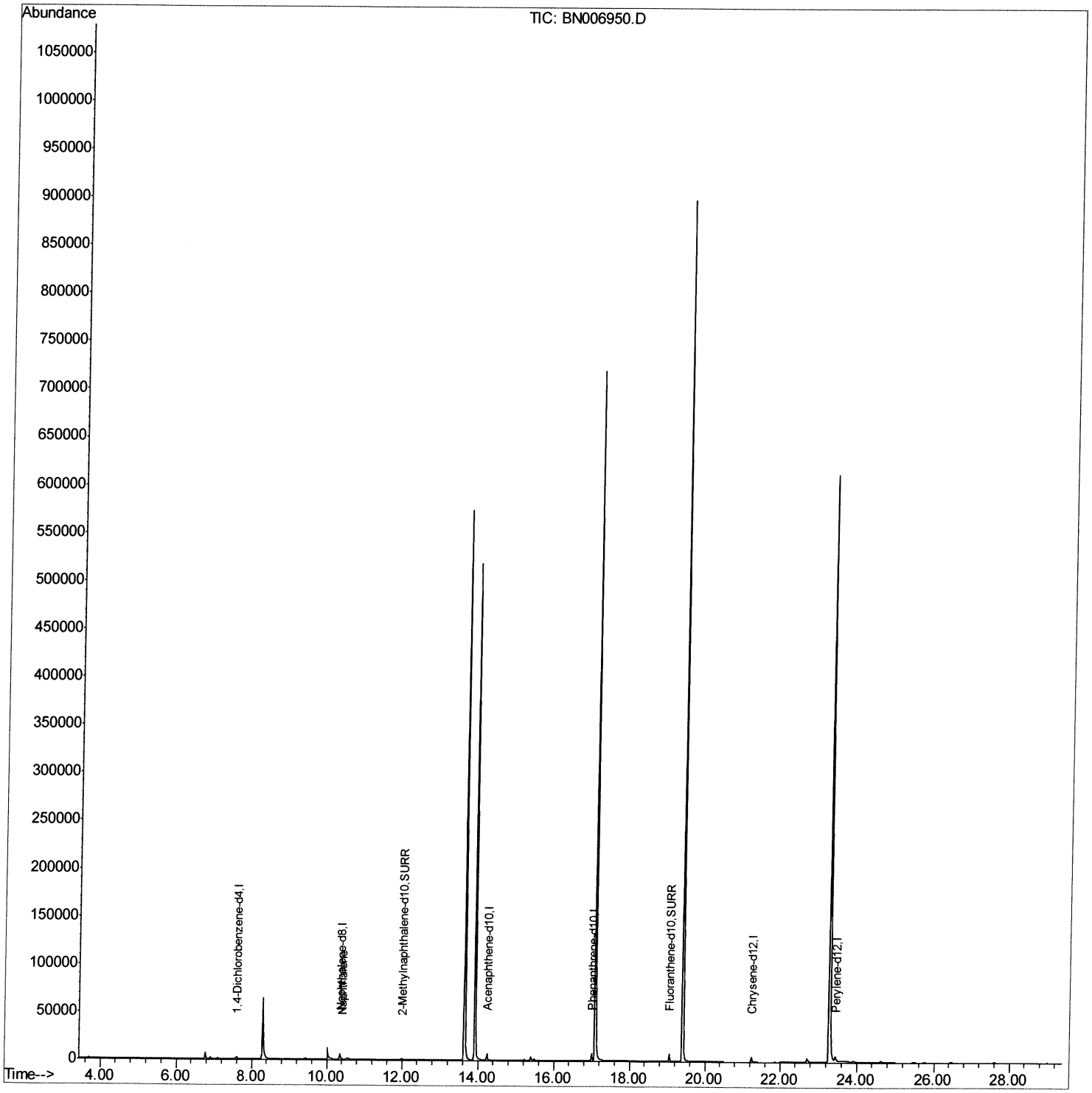
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072219\
Data File : BN006950.D
Acq On : 22 Jul 2019 20:34
Operator : HP/JU
Sample : K3823-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 23 06:53:01 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 : Tue Jul 23 04:22:37 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A52K2

Manual Integrations APPROVED
mohammad
7/23/2019 8:42:17 AM



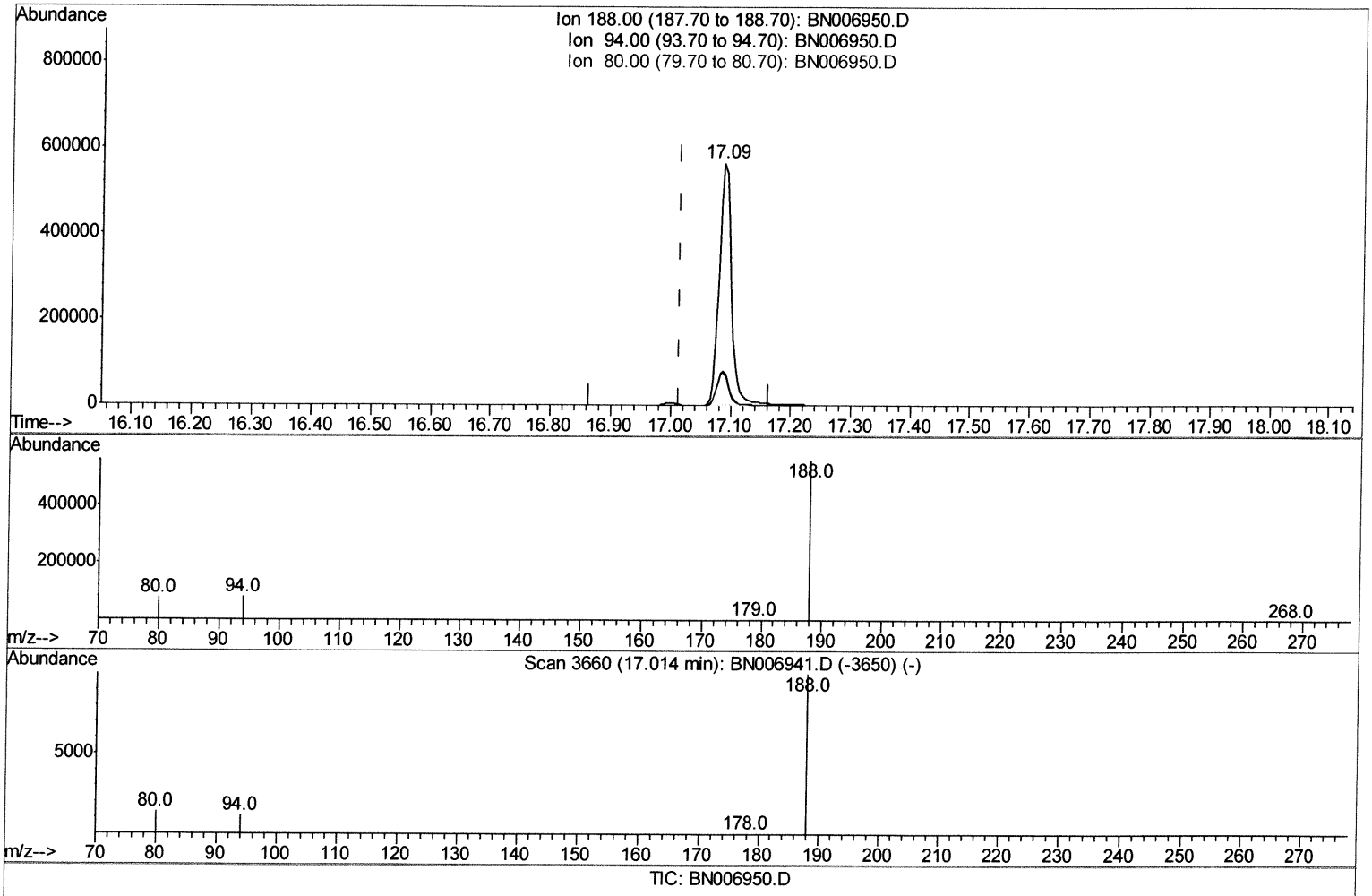
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072219\
Data File : BN006950.D
Acq On : 22 Jul 2019 20:34
Operator : HP/JU
Sample : K3823-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 23 04:25:29 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 : Tue Jul 23 04:22:37 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A52K2

Manual Integrations APPROVED
mohammad
7/23/2019 8:42:17 AM



TIC: BN006950.D

(10) Phenanthrene-d10 (I)

17.086min (+0.072) 0.40ng/ul

response 809955

Ion	Exp%	Act%
188.00	100	100
94.00	13.70	14.17
80.00	14.80	13.53
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072219\
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Operator : HP/JU
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Misc :
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QLast Update : Tue Jul 23 04:22:37 2019
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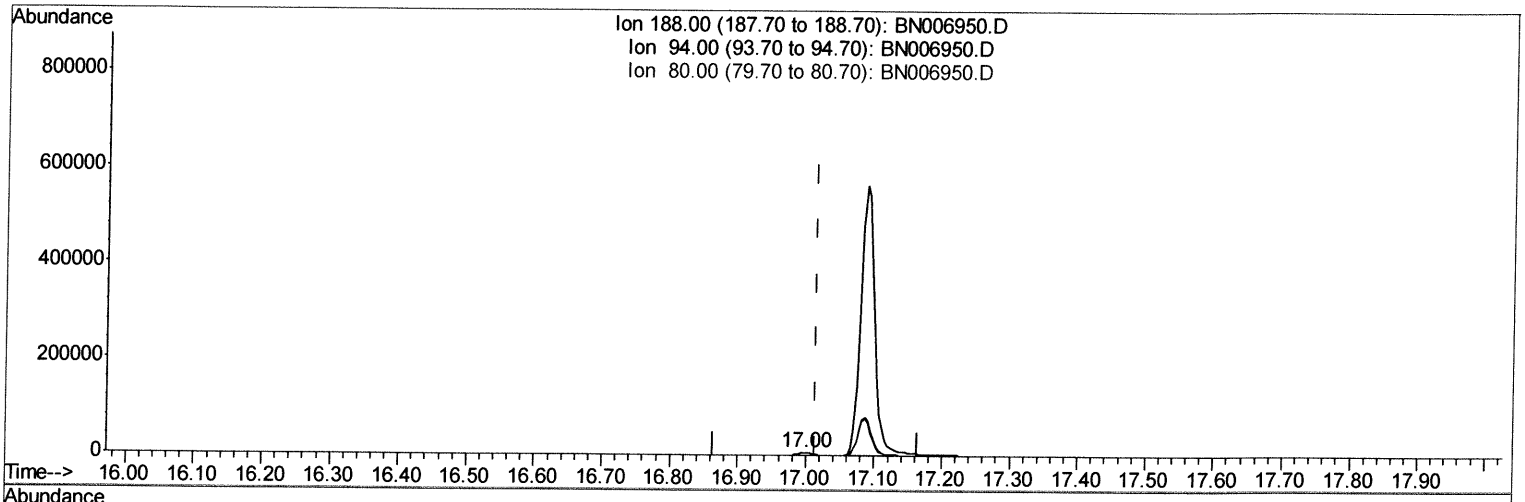
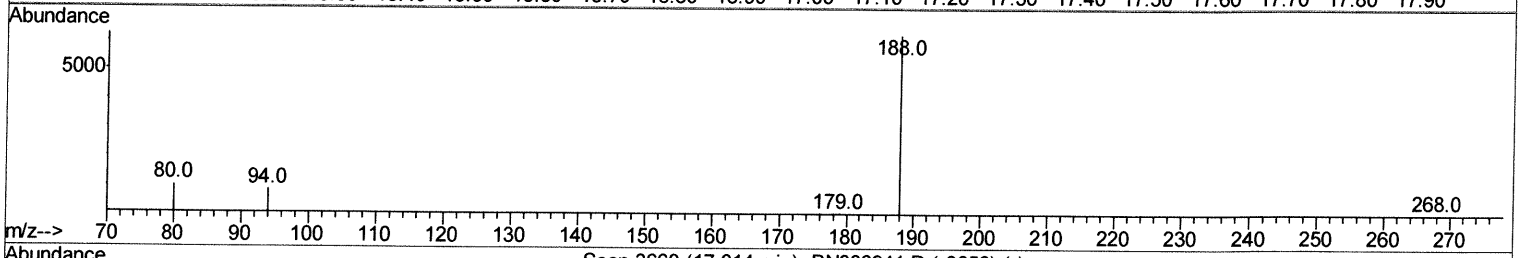
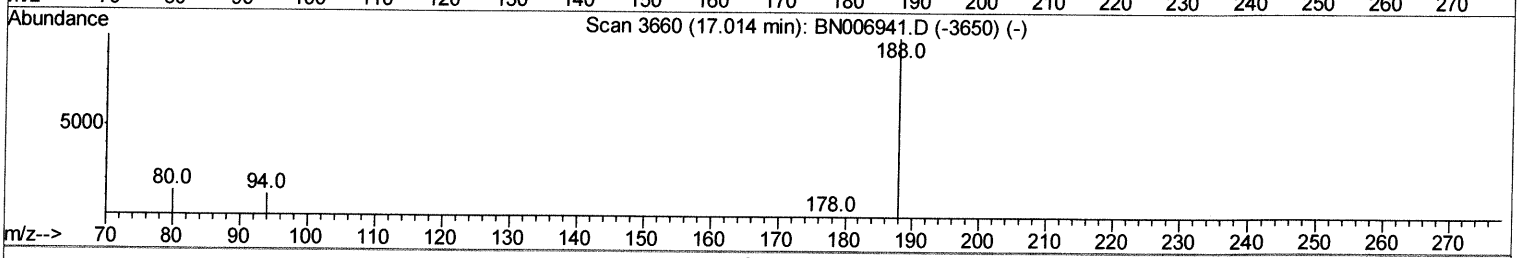
Instrument :
BNA_N
ClientSampleId :
A52K2

Manual Integrations APPROVED
mohammad
7/23/2019 8:42:17 AM







TIC: BN006950.D

(10) Phenanthrene-d10 (I) JU 07/22/19

16.997min (-0.017) 0.40ng/ul m

response 8513

Ion	Exp%	Act%
188.00	100	100
94.00	13.70	13.43
80.00	14.80	16.02
0.00	0.00	0.00

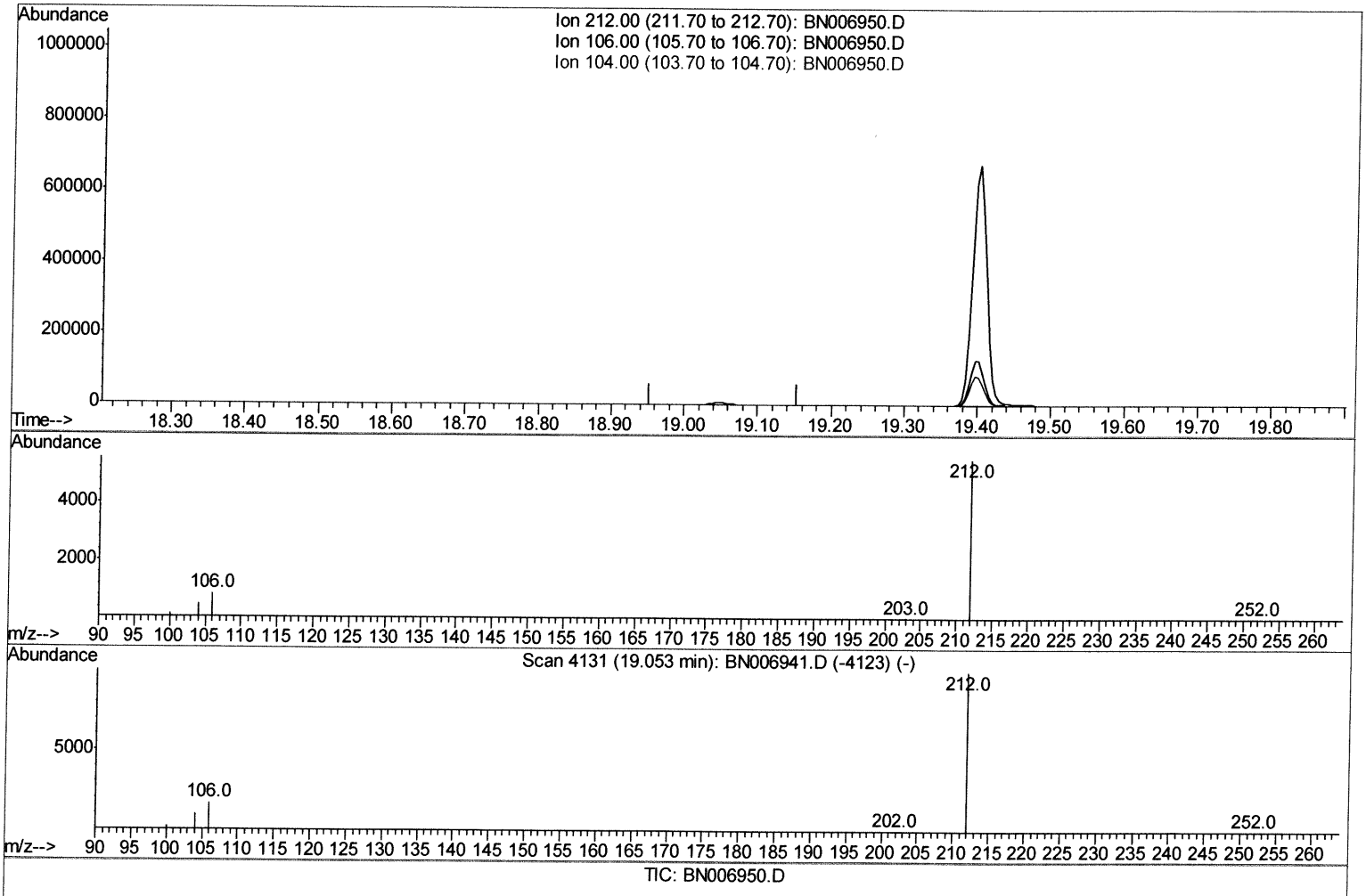
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072219\
Data File : BN006950.D
Acq On : 22 Jul 2019 20:34
Operator : HP/JU
Sample : K3823-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 23 06:51:04 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 : Tue Jul 23 04:22:37 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A52K2

Manual Integrations APPROVED
mohammad
7/23/2019 8:42:17 AM



TIC: BN006950.D

(14) Fluoranthene-d10 (SURR)

19.053min (-19.053) 0.00ng/ul

response 0

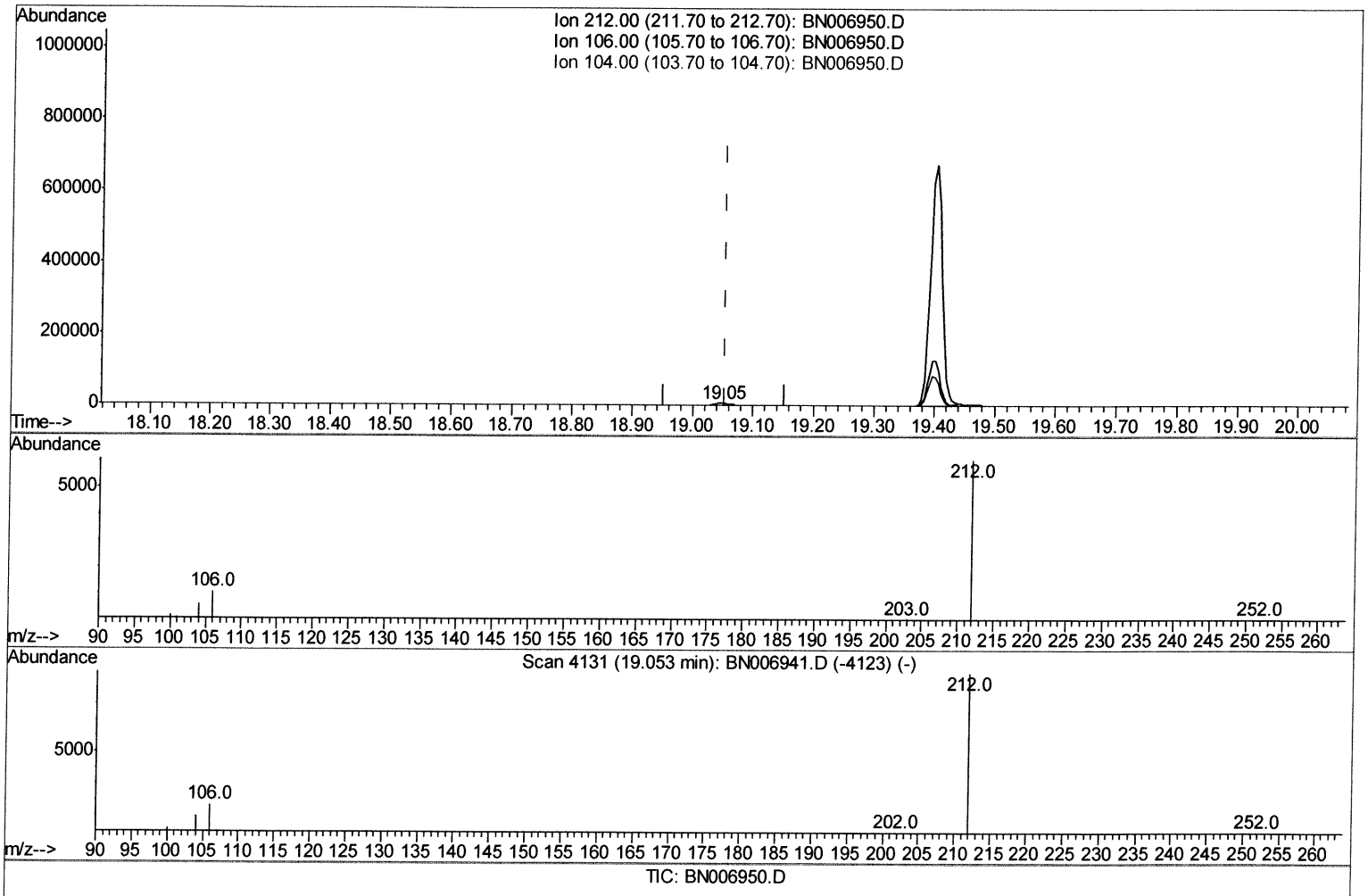
Ion	Exp%	Act%
212.00	100	0.00
106.00	17.80	0.00#
104.00	9.70	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072219\
Data File : BN006950.D
Acq On : 22 Jul 2019 20:34
Operator : HP/JU
Sample : K3823-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 23 06:51:04 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 : Tue Jul 23 04:22:37 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A52K2

Manual Integrations APPROVED
mohammad
7/23/2019 8:42:17 AM



TIC: BN006950.D

(14) Fluoranthene-d10 (SURR)

19.048min (-0.005) 0.37ng/ul m JU 07/23/19

response 9135

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

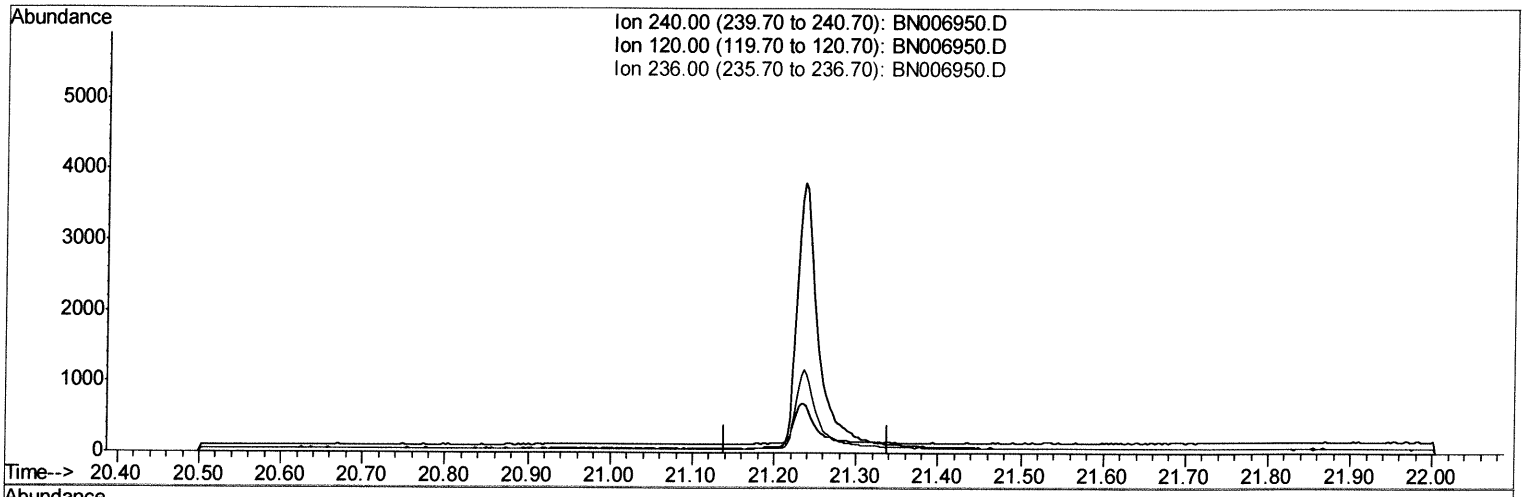
Quantitation Report (Qedit)

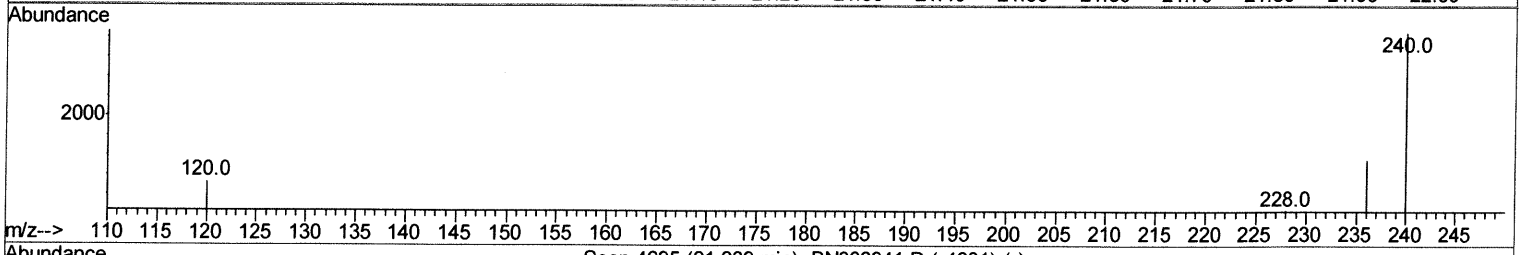
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072219\
Data File : BN006950.D
Acq On : 22 Jul 2019 20:34
Operator : HP/JU
Sample : K3823-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

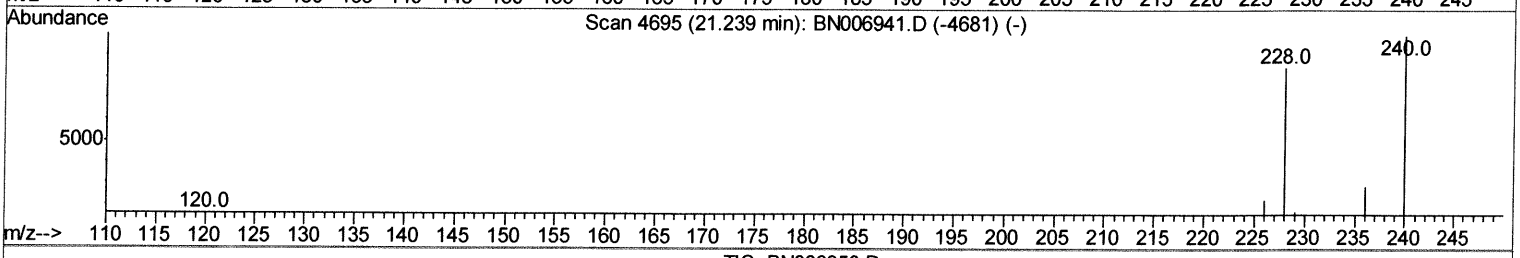
Quant Time: Jul 23 06:51:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 23 04:22:37 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A52K2

Manual Integrations APPROVED
mohammad
7/23/2019 8:42:17 AM







TIC: BN006950.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

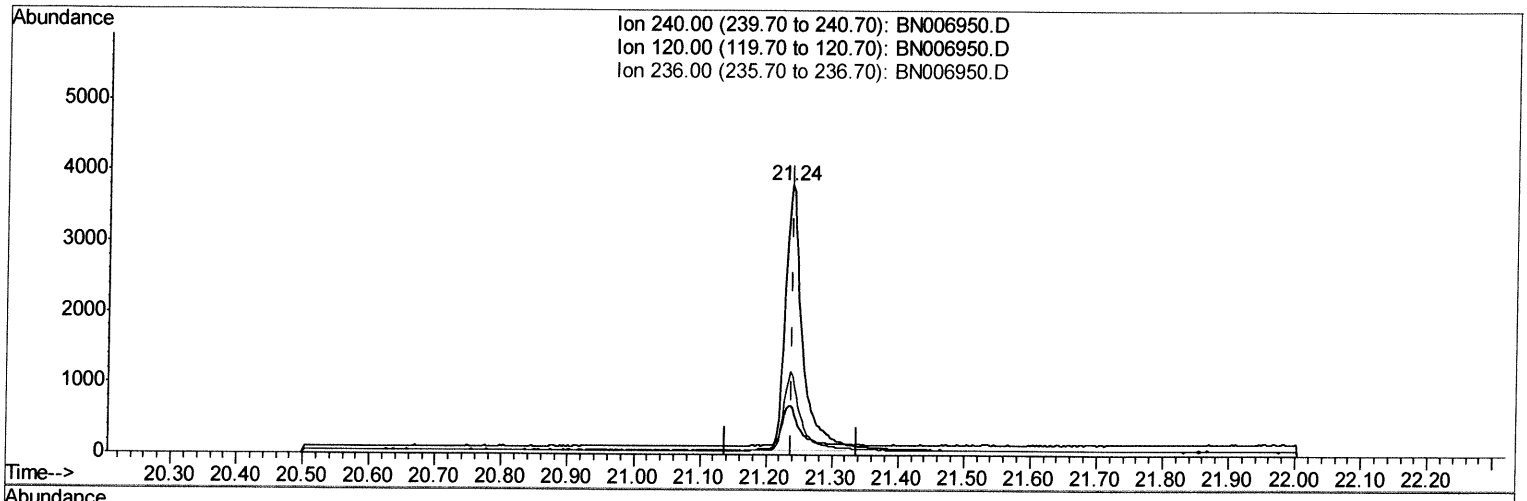
Quantitation Report (Qedit)

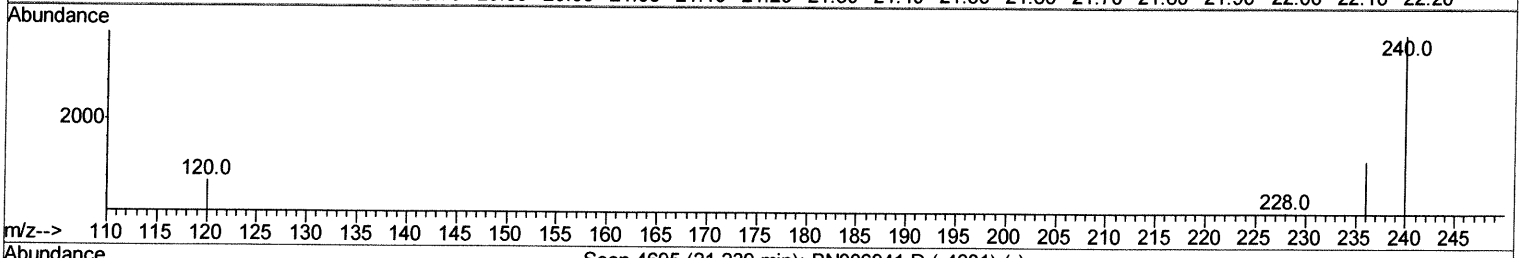
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072219\
Data File : BN006950.D
Acq On : 22 Jul 2019 20:34
Operator : HP/JU
Sample : K3823-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

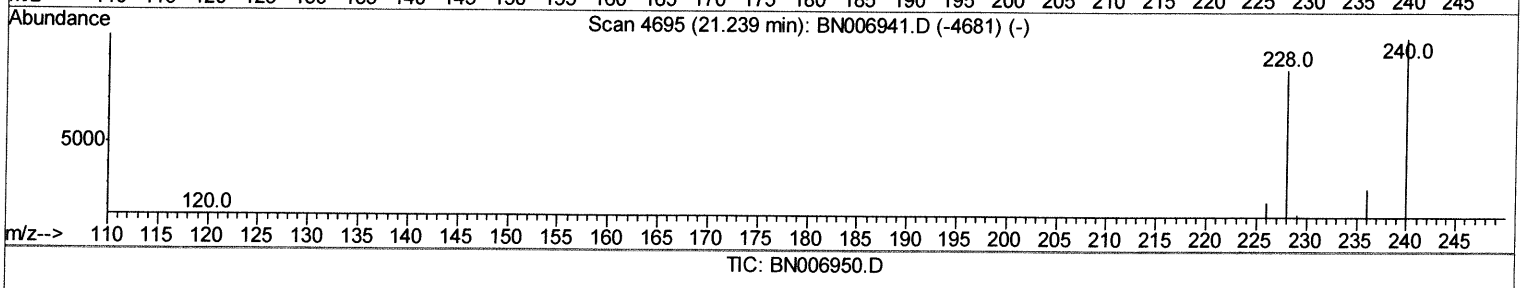
Quant Time: Jul 23 06:51:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 23 04:22:37 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A52K2

Manual Integrations APPROVED
mohammad
7/23/2019 8:42:17 AM







TIC: BN006950.D

(16) Chrysene-d12 (I)

21.236min (-0.003) 0.40ng/ul m JU 07/23/19

response 6692

Ion	Exp%	Act%
240.00	100	100
120.00	20.20	18.42
236.00	30.00	30.74
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072219\
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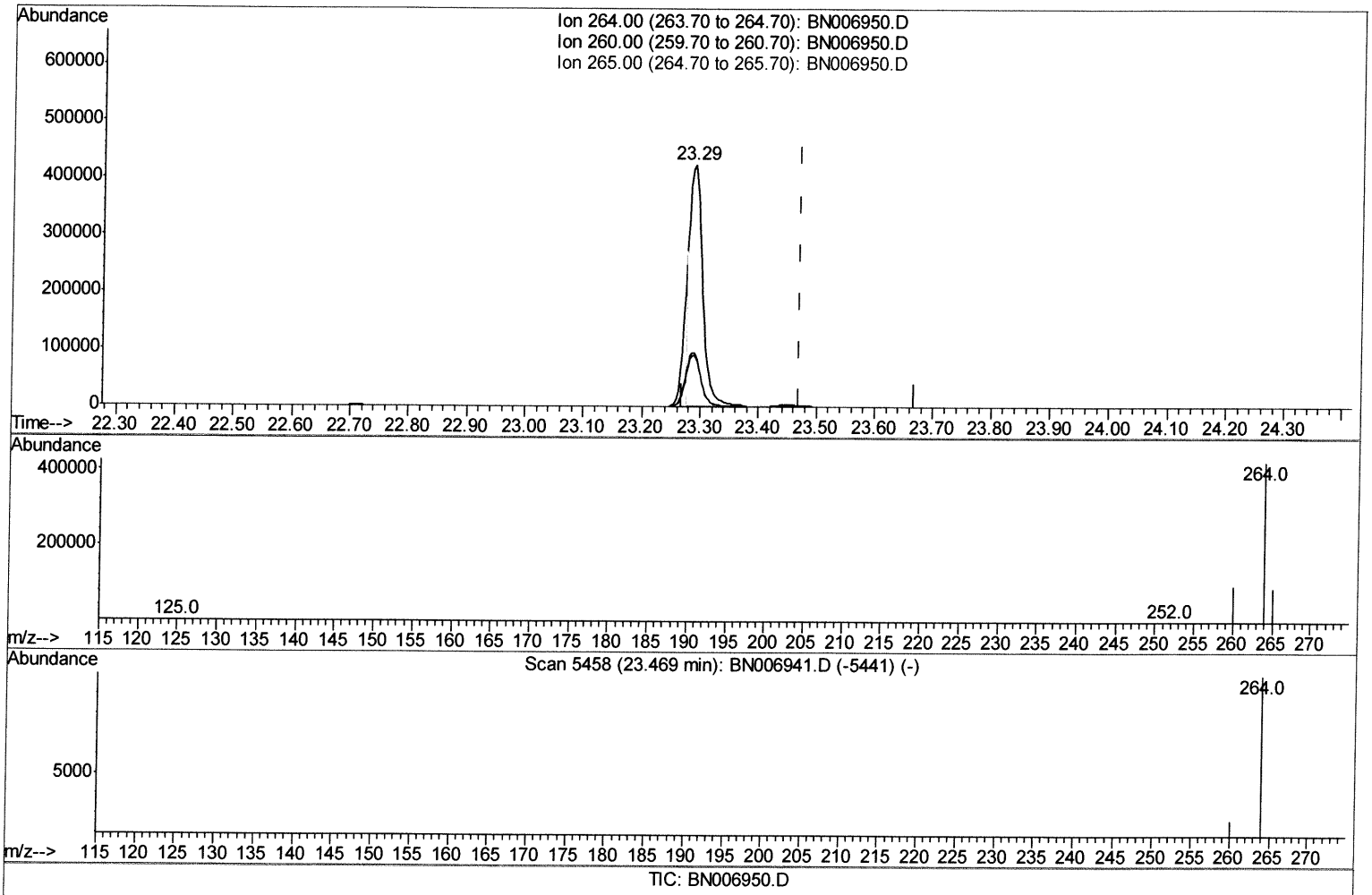
Acq On : 22 Jul 2019 20:34
Operator : HP/JU
Sample : K3823-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 23 06:52:06 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 : Tue Jul 23 04:22:37 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A52K2

Manual Integrations APPROVED
mohammad
7/23/2019 8:42:17 AM



TIC: BN006950.D

(20) Perylene-d12 (I)

23.288min (-0.181) 0.40ng/ul

response 637023

Ion	Exp%	Act%
264.00	100	100
260.00	27.80	22.48
265.00	36.10	21.45#
0.00	0.00	0.00

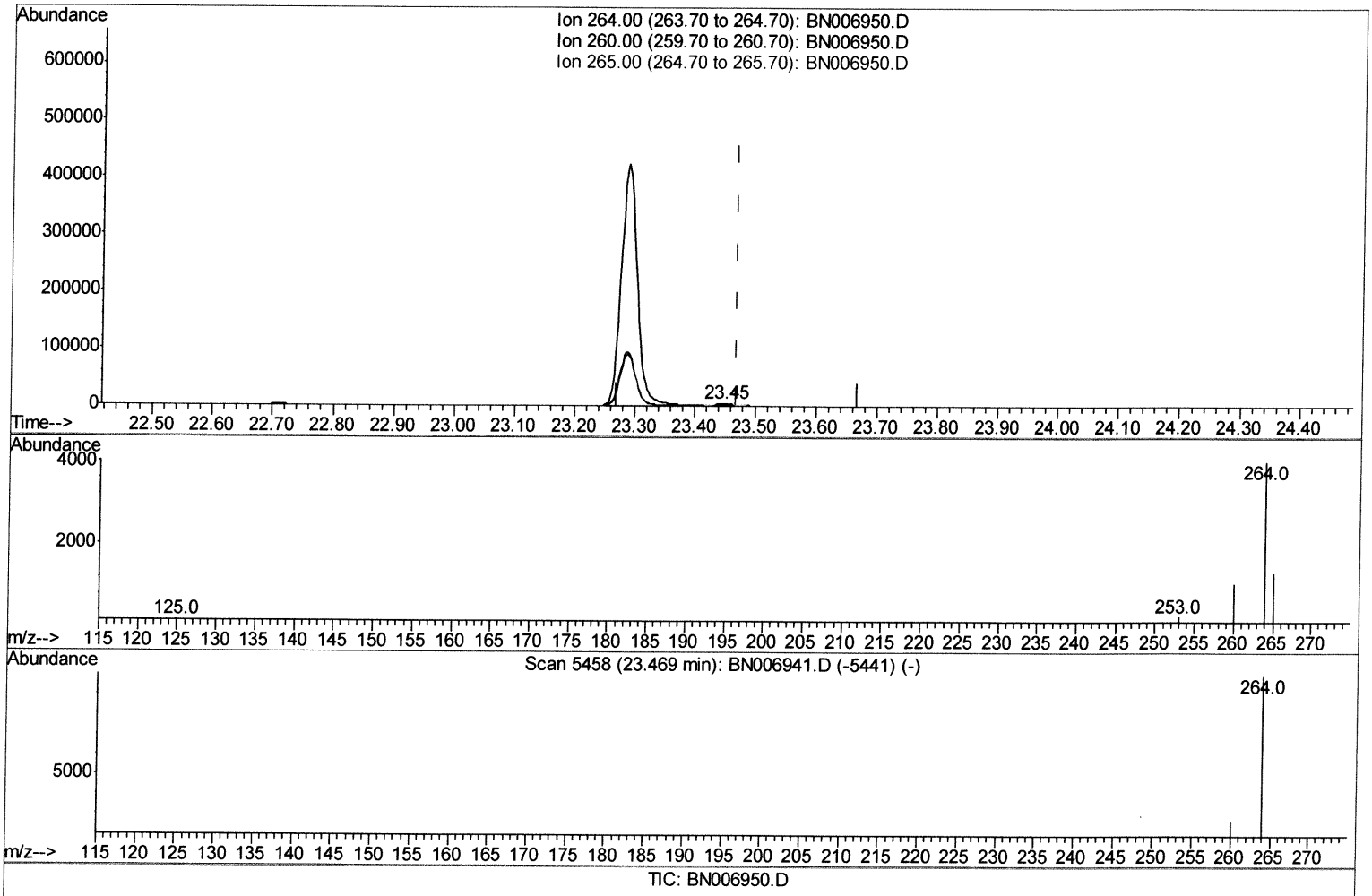
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072219\
Data File : BN006950.D
Acq On : 22 Jul 2019 20:34
Operator : HP/JU
Sample : K3823-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 23 06:52:06 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 : Tue Jul 23 04:22:37 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A52K2

Manual Integrations APPROVED
mohammad
7/23/2019 8:42:17 AM



(20) Perylene-d12 (I)

23.448min (-0.021) 0.40ng/ul m JU 07/23/19

response 5260

Ion	Exp%	Act%
264.00	100	100
260.00	27.80	26.67
265.00	36.10	33.19
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 22 Jul 2019 20:34
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Misc :
ALS Vial : 10 Sample Multiplier: 1

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Manual Integrations APPROVED
mohammad
7/23/2019 8:42:17 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	2318	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.35	136	8141	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.24	164	4133	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	8513m>	0.40	ng/ul	-0.02
16) Chrysene-d12	21.24	240	6692m>	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	5260m>	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	3551	0.28	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	9135m>	0.37	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.41	128	820	0.035	ng/ul#	67

JU 07/23/19

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