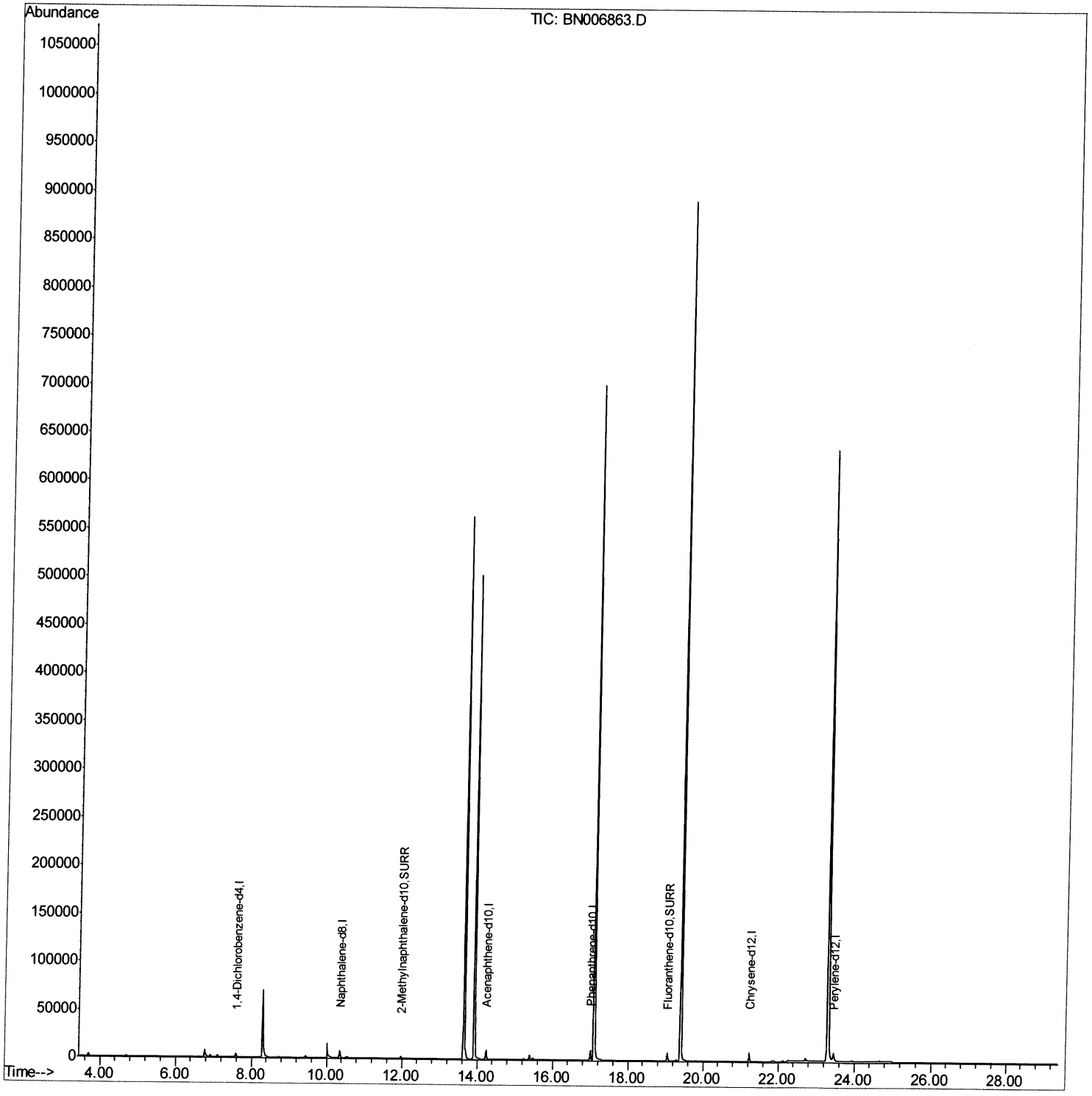
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071619\
Data File : BN006863.D
Acq On : 16 Jul 2019 13:04
Operator : HP/JU
Sample : K3772-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 16 14:23:23 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 :
A52P2

Manual Integrations APPROVED
mohammad
7/17/2019 7:42:11 AM



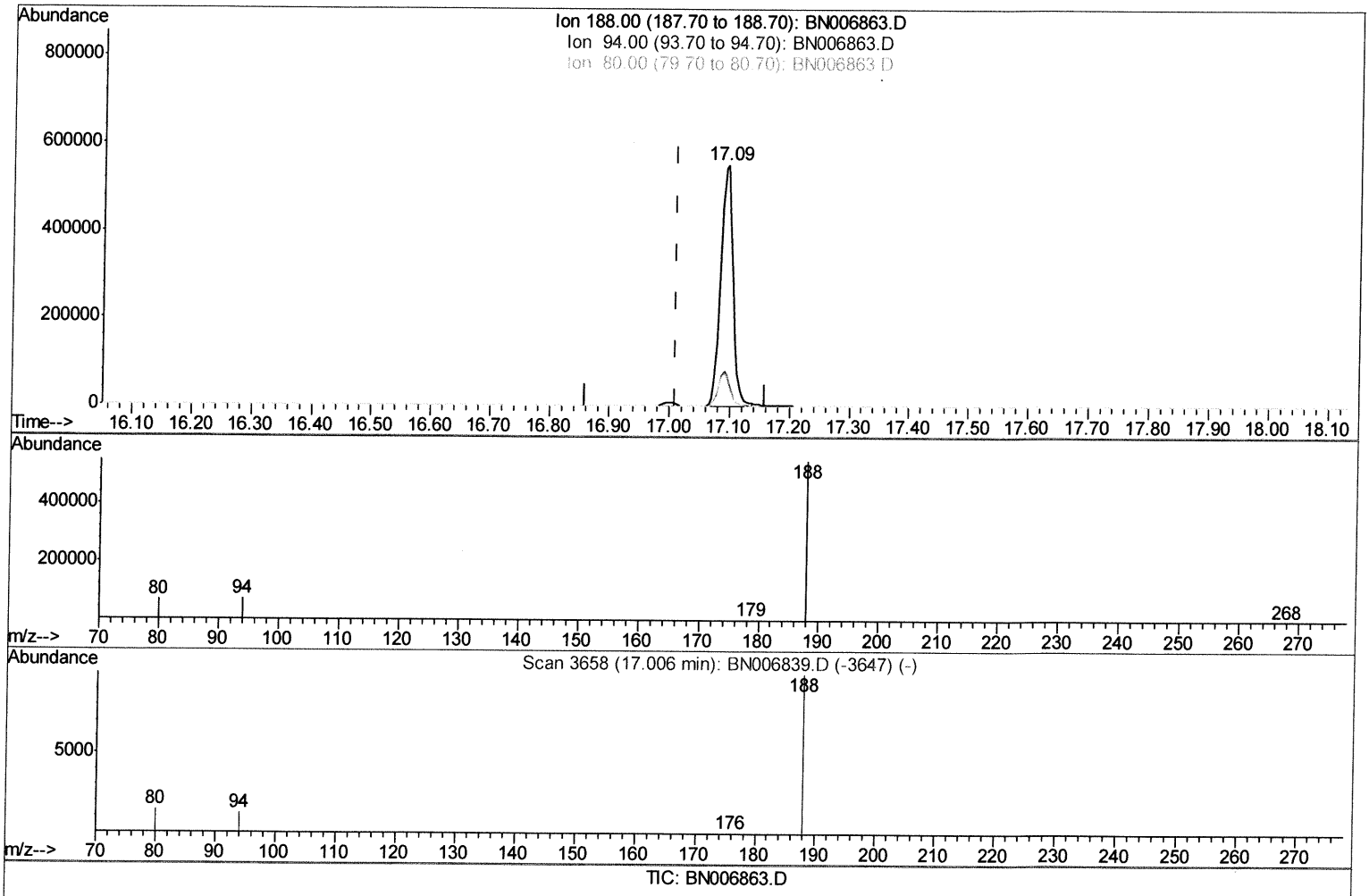
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071619\
Data File : BN006863.D
Acq On : 16 Jul 2019 13:04
Operator : HP/JU
Sample : K3772-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 16 14:21:15 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 :
A52P2

Manual Integrations APPROVED
mohammad
7/17/2019 7:42:11 AM



(10) Phenanthrene-d10 (I)

17.095min (+0.084) 0.40ng/ul

response 784226

Ion	Exp%	Act%
188.00	100	100
94.00	13.70	13.01
80.00	14.80	12.14
0.00	0.00	0.00

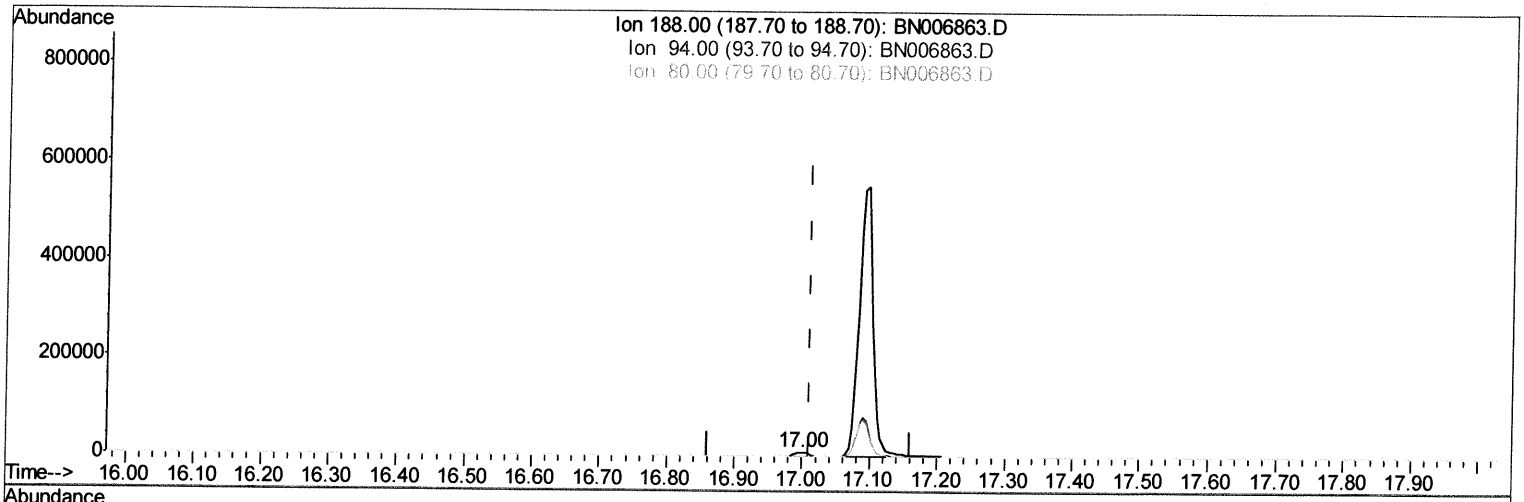
Quantitation Report (Qedit)

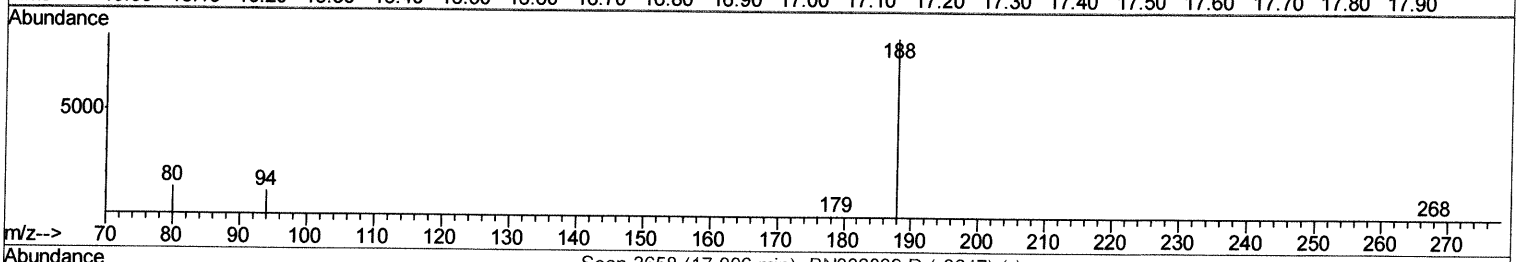
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071619\
Data File : BN006863.D
Acq On : 16 Jul 2019 13:04
Operator : HP/JU
Sample : K3772-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

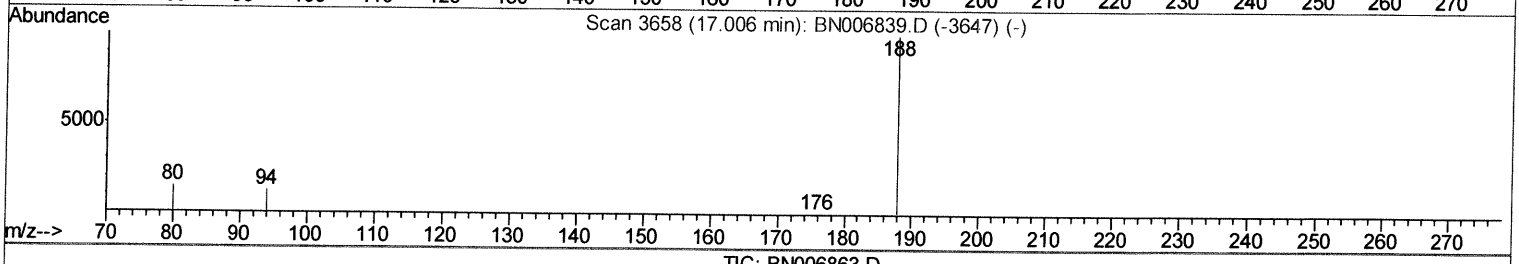
Quant Time: Jul 16 14:21:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A52P2

Manual Integrations APPROVED
mohammad
7/17/2019 7:42:11 AM







TIC: BN006863.D

(10) Phenanthrene-d10 (I)

16.997min (-0.013) 0.40ng/ul m JU 07/17/19

response 12187

Ion	Exp%	Act%
188.00	100	100
94.00	13.70	13.42
80.00	14.80	15.46
0.00	0.00	0.00

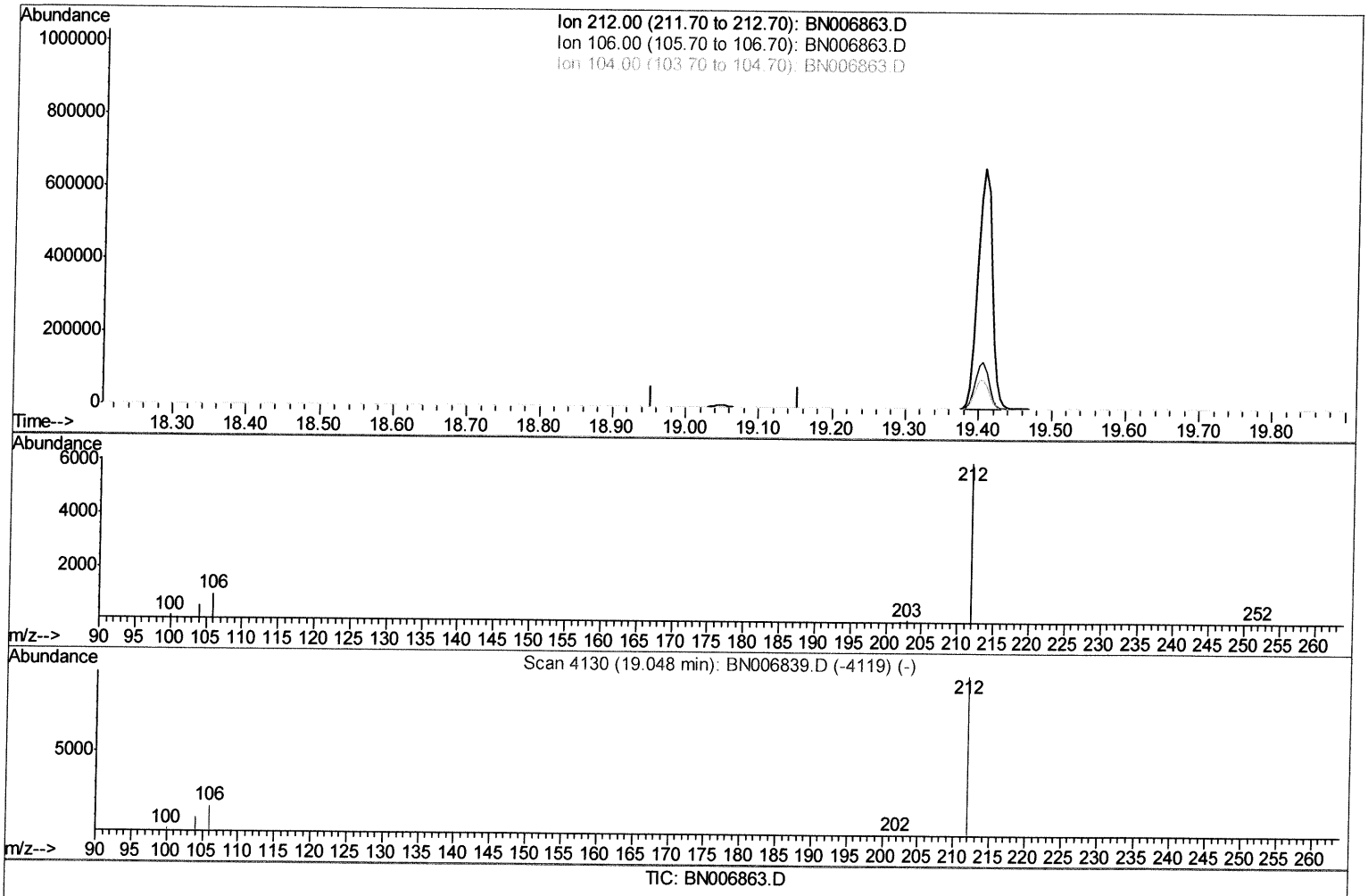
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071619\
Data File : BN006863.D
Acq On : 16 Jul 2019 13:04
Operator : HP/JU
Sample : K3772-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 16 14:21:45 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 :
A52P2

Manual Integrations APPROVED
mohammad
7/17/2019 7:42:11 AM



TIC: BN006863.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\BN071619\
Data File : BN006863.D
Acq On : 16 Jul 2019 13:04
Operator : HP/JU
Sample : K3772-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 16 14:21:45 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 :
A52P2

Manual Integrations APPROVED
mohammad
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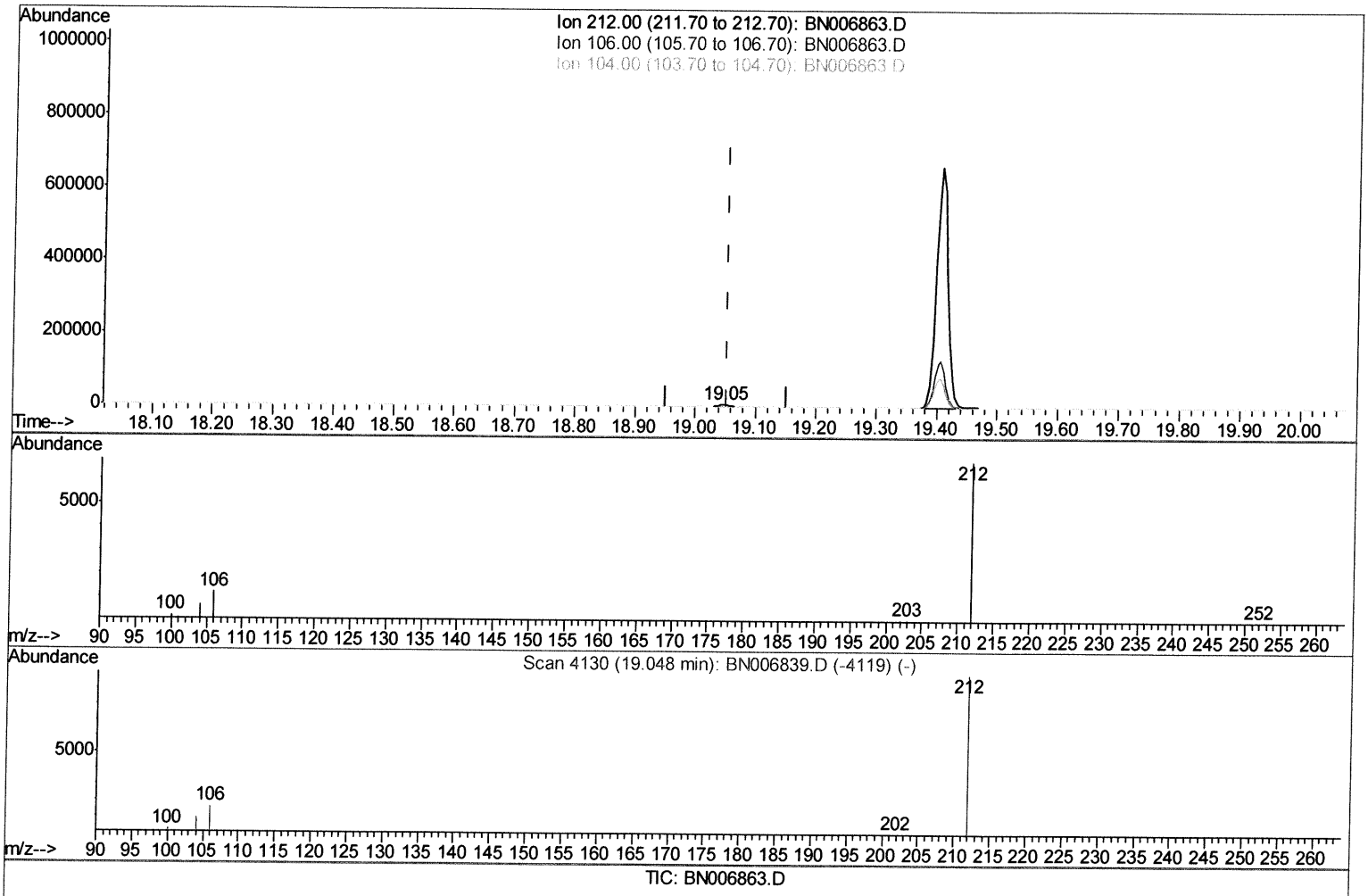


TIC: BN006863.D

(14) Fluoranthene-d10 (SURR) JU 07/17/19

19.048min (-0.005) 0.28ng/ul m

response 9990

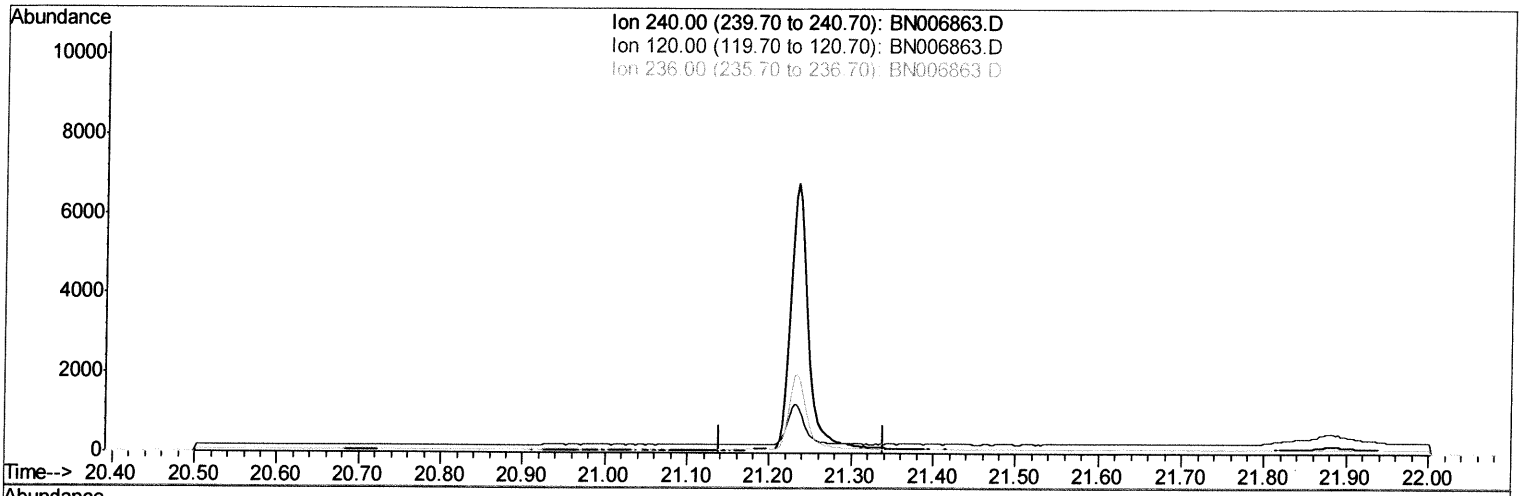
Ion	Exp%	Act%
212.00	100	100
106.00	17.80	0.00#
104.00	9.70	0.00#
0.00	0.00	0.00

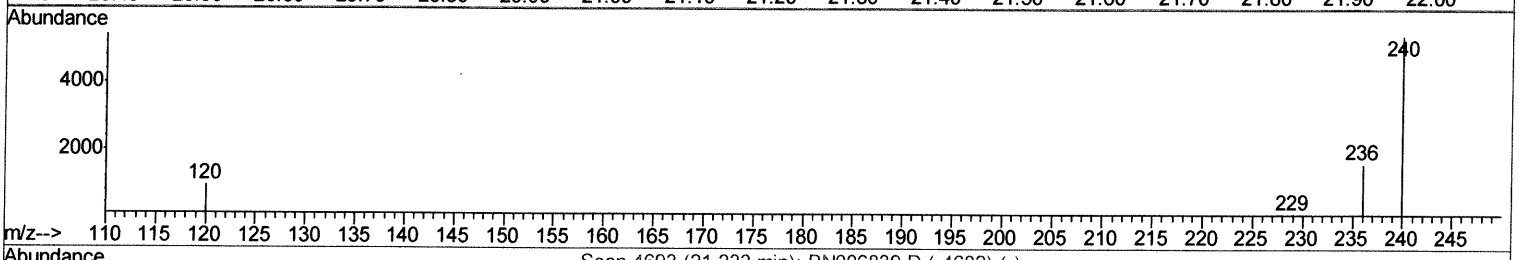
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071619\
Data File : BN006863.D
Acq On : 16 Jul 2019 13:04
Operator : HP/JU
Sample : K3772-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

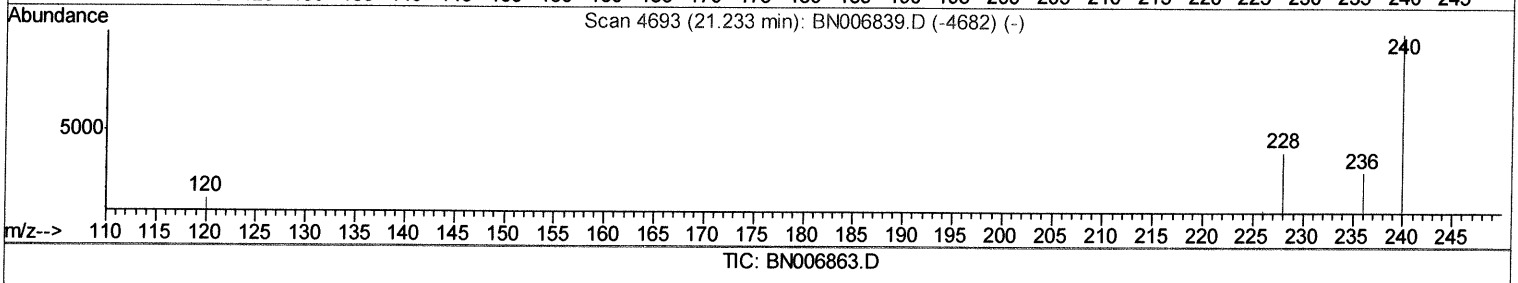
Quant Time: Jul 16 14:21:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A52P2

Manual Integrations APPROVED
mohammad
7/17/2019 7:42:11 AM







TIC: BN006863.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\BN071619\
Data File : BN006863.D
Acq On : 16 Jul 2019 13:04
Operator : HP/JU
Sample : K3772-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 16 14:21:45 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 :
A52P2

Manual Integrations APPROVED
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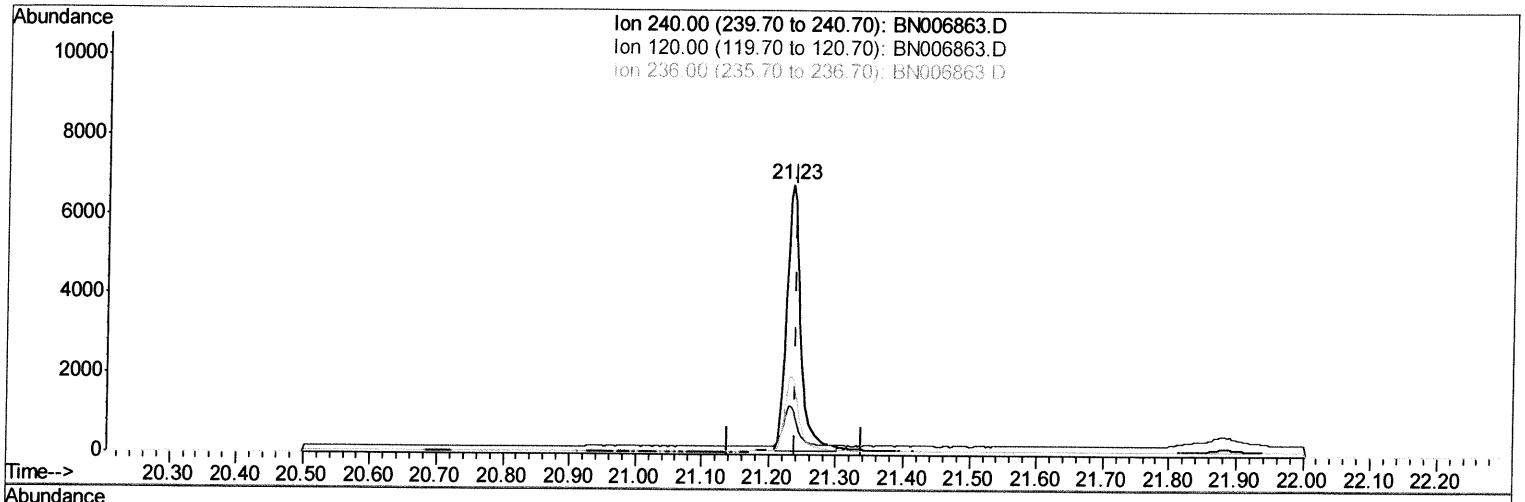

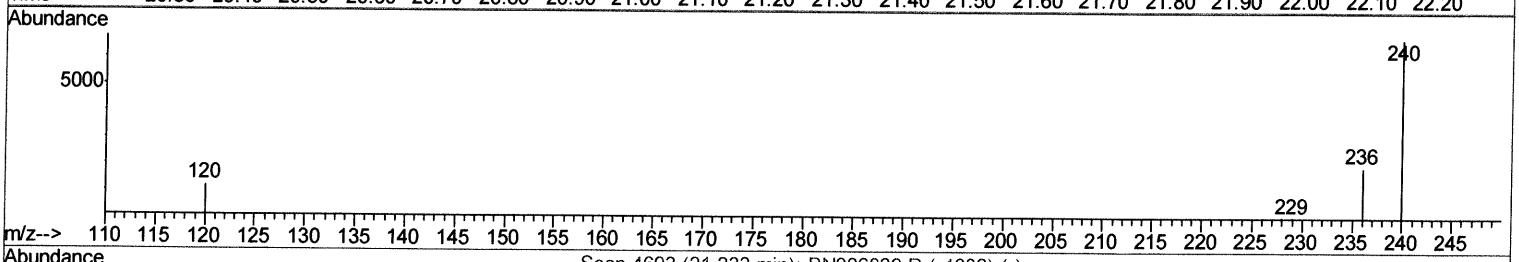

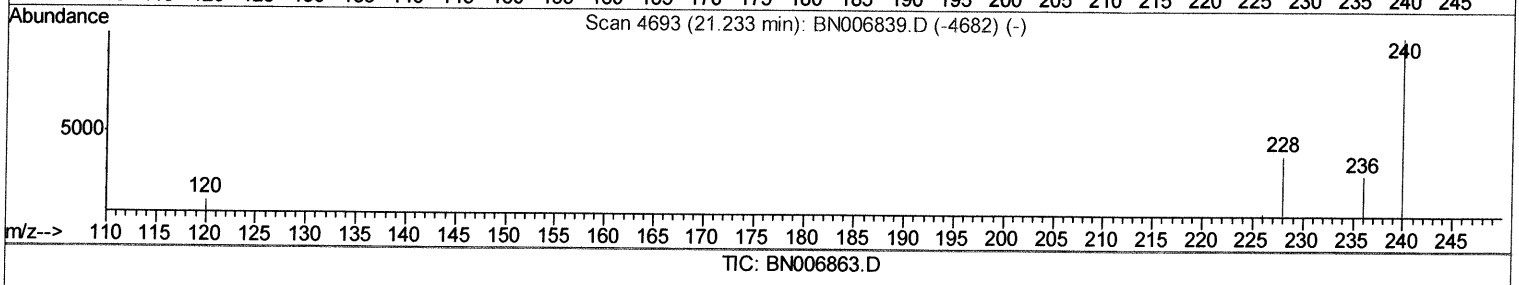

TIC: BN006863.D

(16) Chrysene-d12 (I)

21.233min (-0.006) 0.40ng/ul m JU 07/17/19

response 9821

Ion	Exp%	Act%
240.00	100	100
120.00	20.20	17.53
236.00	30.00	29.15
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071619\
Data File : BN006863.D
Acq On : 16 Jul 2019 13:04
Operator : HP/JU
Sample : K3772-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 16 14:22:35 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 :
A52P2

Manual Integrations APPROVED
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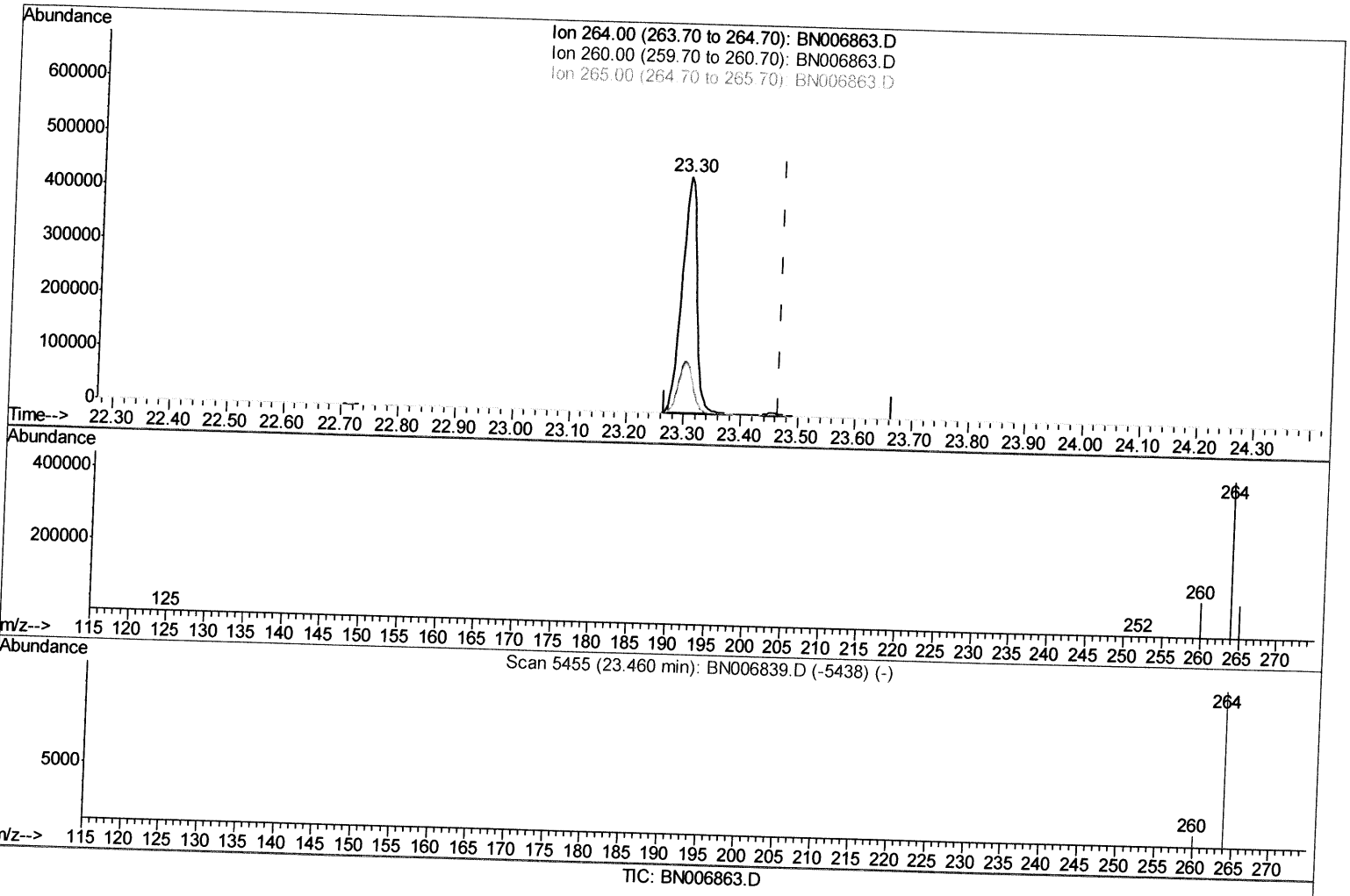

TIC: BN006863.D

(20) Perylene-d12 (I)

23.302min (-0.164) 0.40ng/ul

response 783072

Ion	Exp%	Act%
264.00	100	100
260.00	27.80	22.45
265.00	36.10	21.51#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071619\
Data File : BN006863.D
Acq On : 16 Jul 2019 13:04
Operator : HP/JU
Sample : K3772-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 16 14:22:35 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 :
A52P2

Manual Integrations APPROVED
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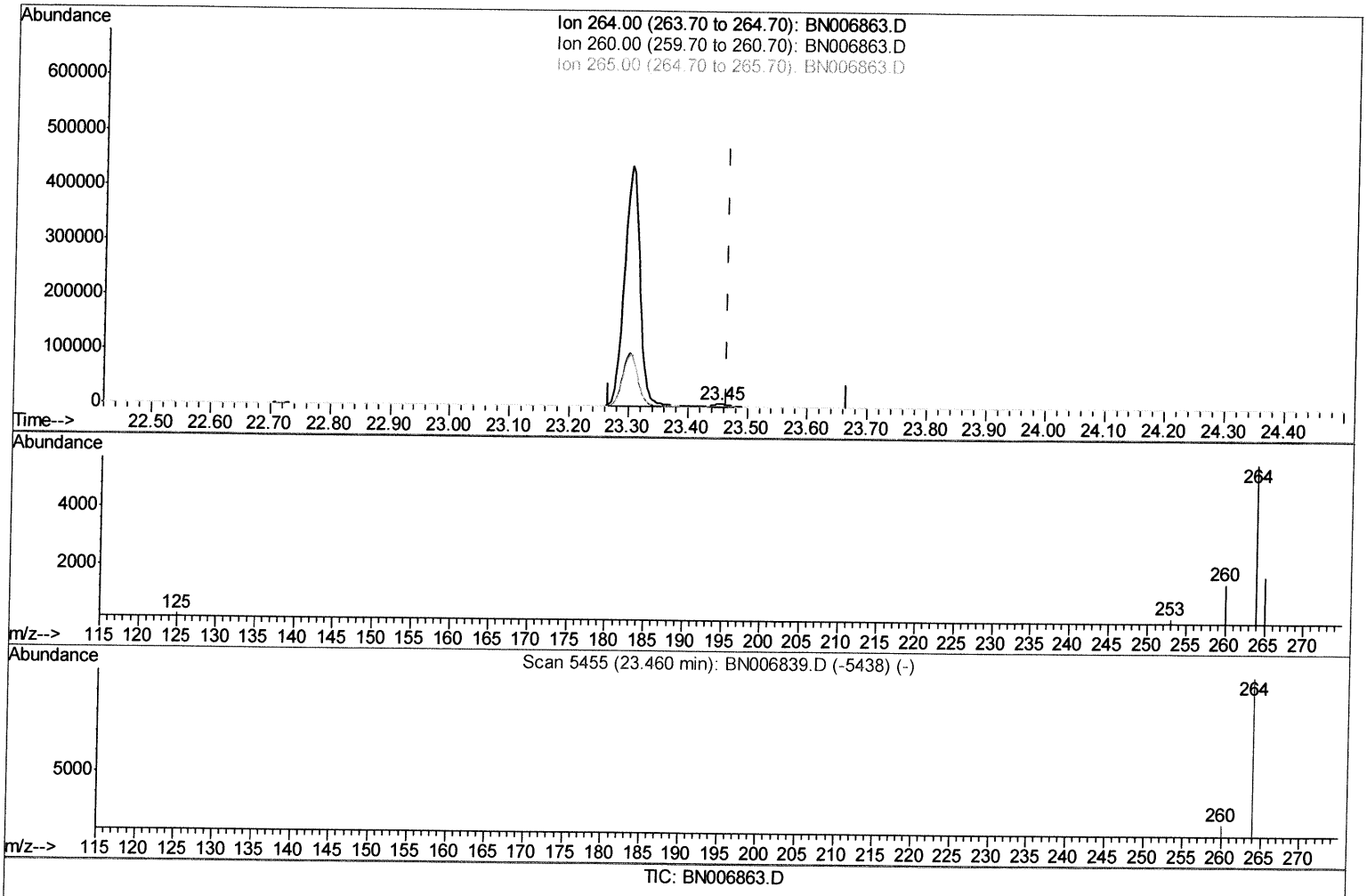

(20) Perylene-d12 (I)

23.454min (-0.012) 0.40ng/ul m JU 07/17/19

response 8937

Ion	Exp%	Act%
264.00	100	100
260.00	27.80	27.34
265.00	36.10	31.59
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071619\
Data File : BN006863.D
Acq On : 16 Jul 2019 13:04
Operator : HP/JU
Sample : K3772-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 16 14:23:23 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 :
A52P2

Manual Integrations APPROVED
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7/17/2019 7:42:11 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	2929	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	10613	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.24	164	5487	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	12187m>	0.40	ng/ul	-0.01
16) Chrysene-d12	21.23	240	9821m>	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	8937m>	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	3634	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	9990m>	0.28	ng/ul	0.00
Target Compounds						Qvalue

JU 07/17/19

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