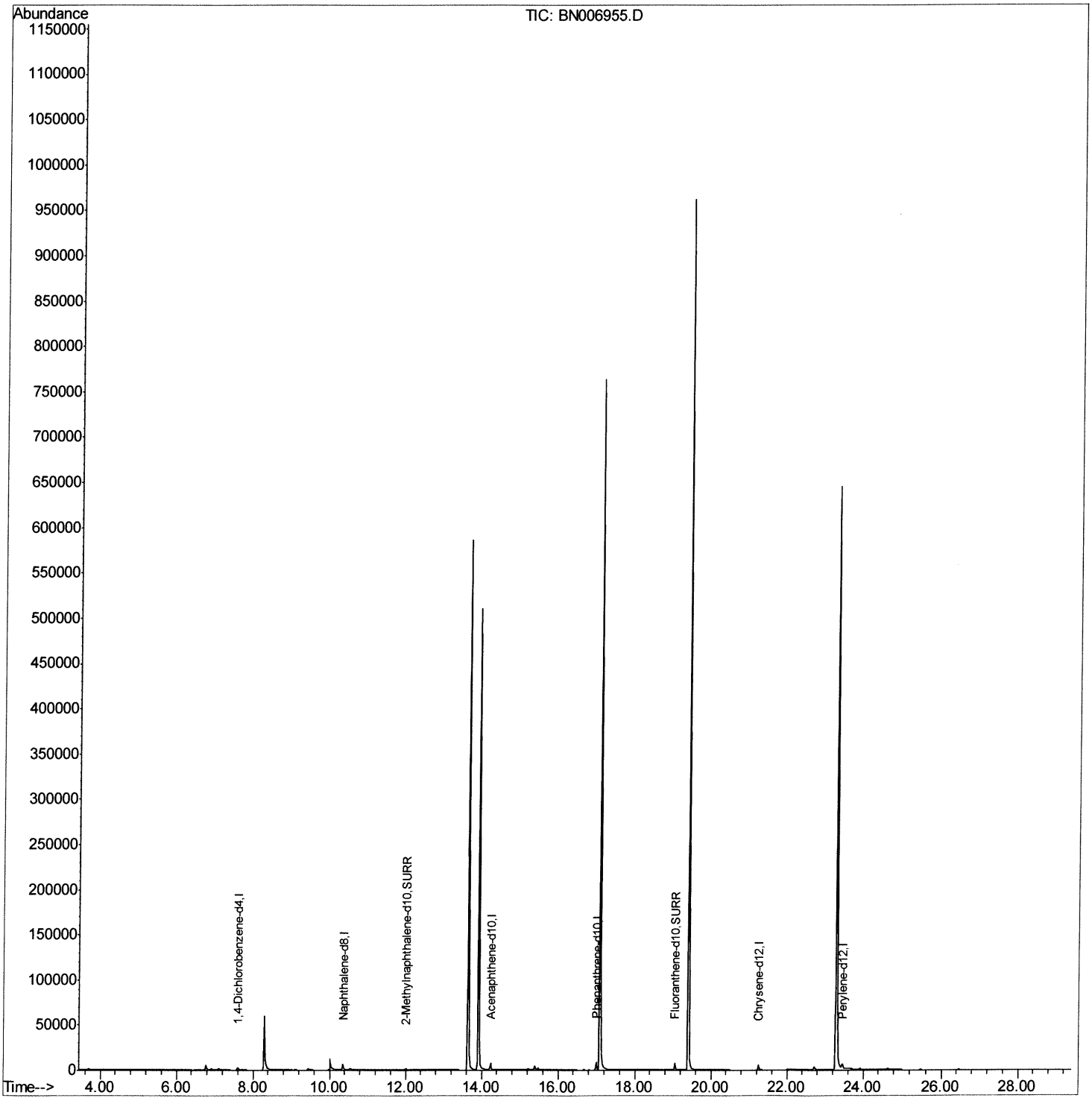
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072219\
Data File : BN006955.D
Acq On : 22 Jul 2019 23:27
Operator : HP/JU
Sample : K3890-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jul 23 07:08:37 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 :
A52J2

Manual Integrations APPROVED
mohammad
7/23/2019 8:42:34 AM



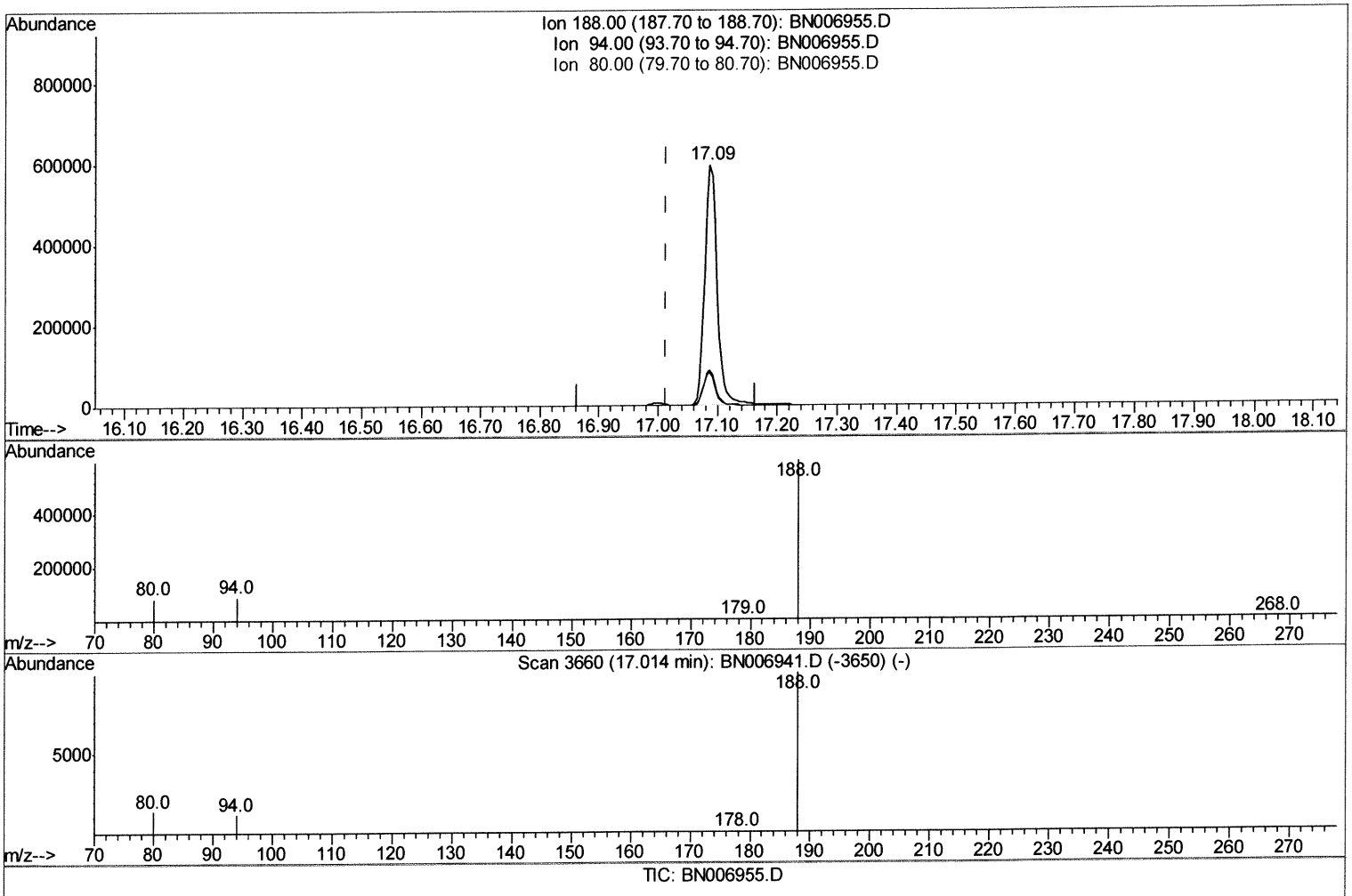
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072219\
Data File : BN006955.D
Acq On : 22 Jul 2019 23:27
Operator : HP/JU
Sample : K3890-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jul 23 04:25:48 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 :
A52J2

Manual Integrations APPROVED
mohammad
7/23/2019 8:42:34 AM



TIC: BN006955.D

(10) Phenanthrene-d10 (I)

17.086min (+0.072) 0.40ng/ul

response 861667

Ion	Exp%	Act%
188.00	100	100
94.00	13.70	14.41
80.00	14.80	13.74
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072219\
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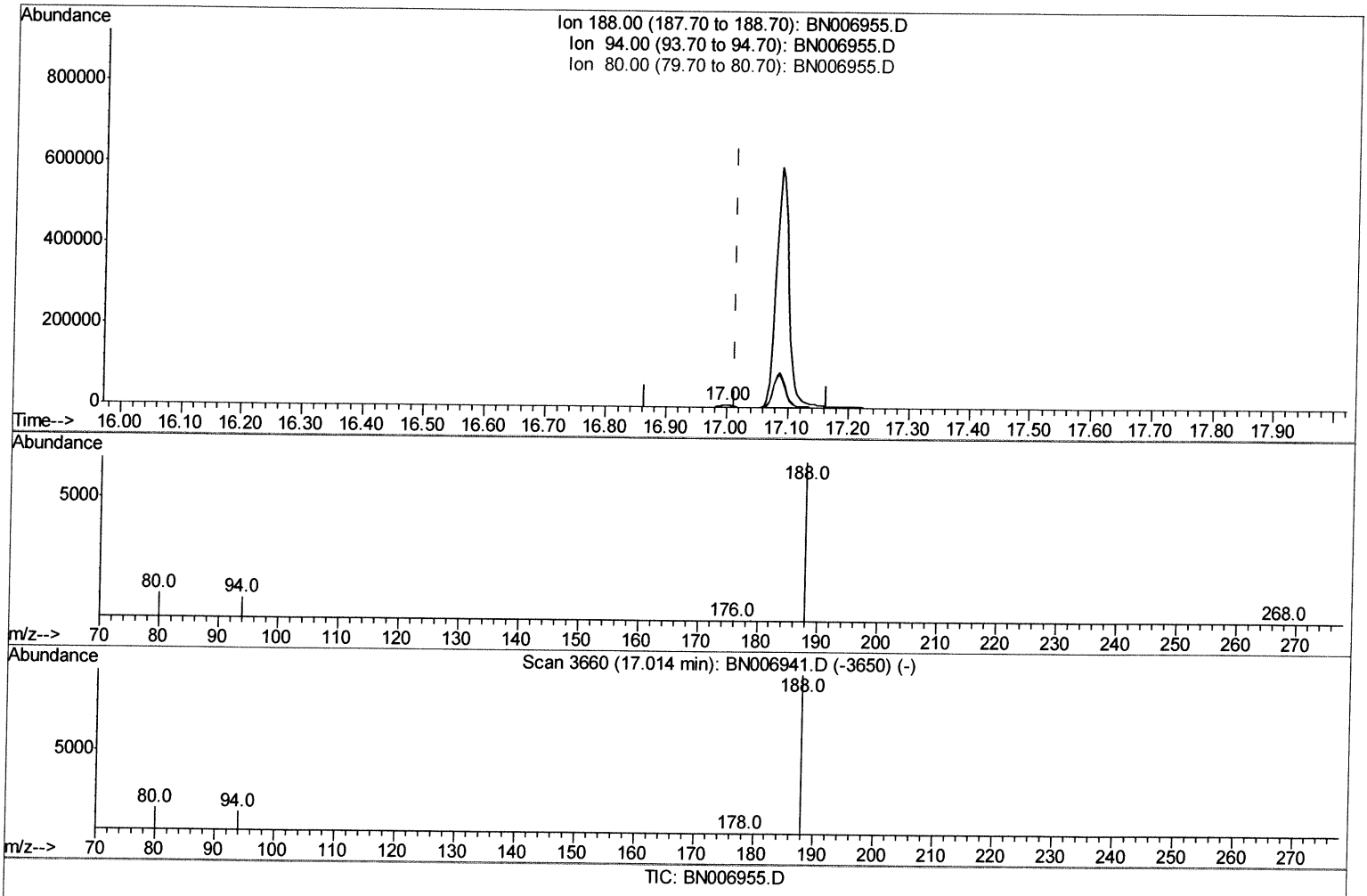
ClientSampleId :
A52J2

Manual Integrations APPROVED
mohammad
7/23/2019 8:42:34 AM



(10) Phenanthrene-d10 (I)

16.998min (-0.017) 0.40ng/ul m JU 07/23/19

response 9287

Ion	Exp%	Act%
188.00	100	100
94.00	13.70	13.16
80.00	14.80	15.42
0.00	0.00	0.00

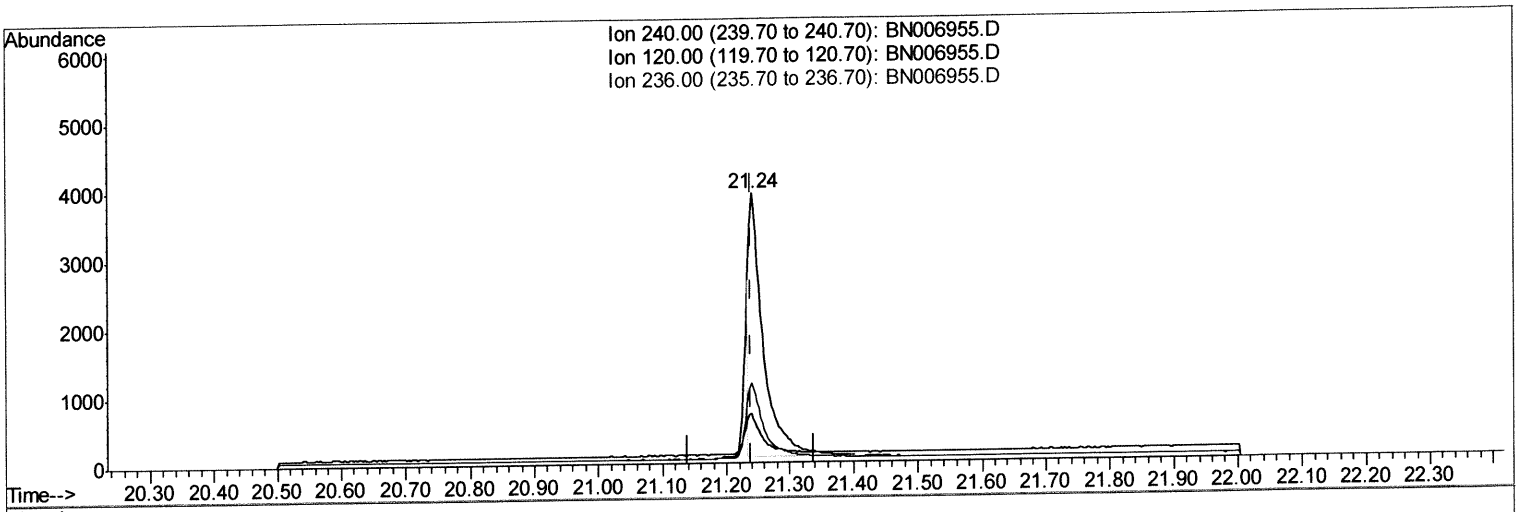
Quantitation Report (Qedit)

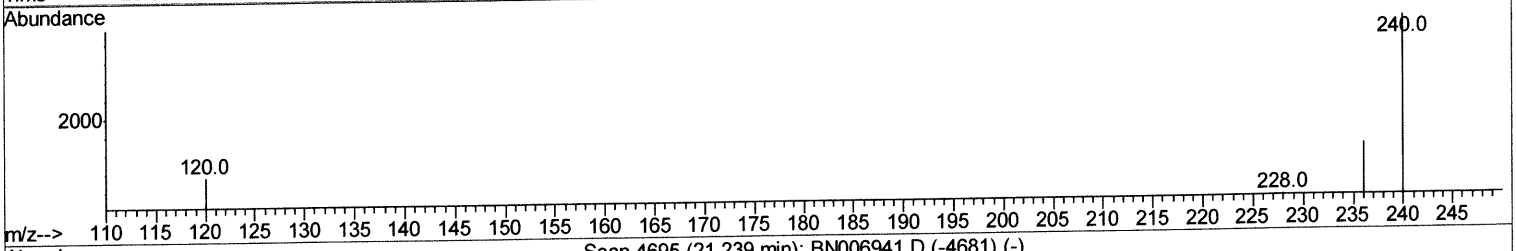
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072219\
Data File : BN006955.D
Acq On : 22 Jul 2019 23:27
Operator : HP/JU
Sample : K3890-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

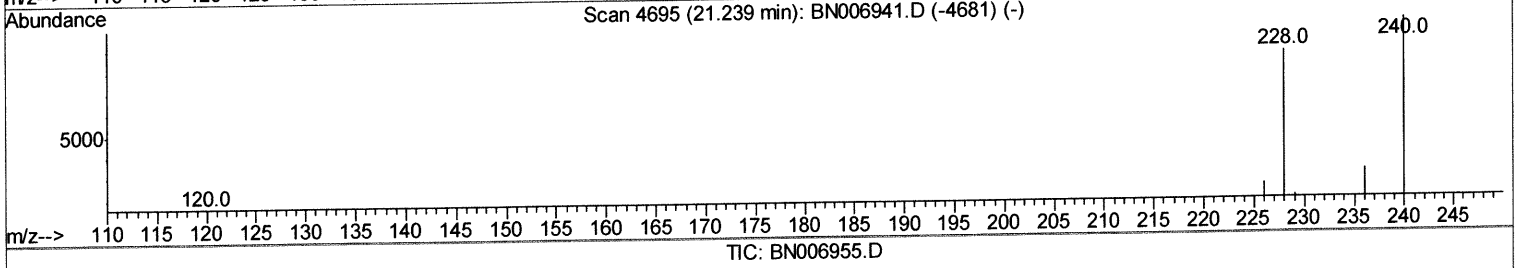
Quant Time: Jul 23 07:07:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 23 04:22:37 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A52J2

Manual Integrations APPROVED
mohammad
7/23/2019 8:42:34 AM







TIC: BN006955.D

(16) Chrysene-d12 (I)

21.239min (+0.000) 0.40ng/ul

response 6087

Ion	Exp%	Act%
240.00	100	100
120.00	20.20	18.33
236.00	30.00	29.70
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 22 Jul 2019 23:27
Operator : HP/JU
Sample : K3890-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jul 23 07:07:07 2019
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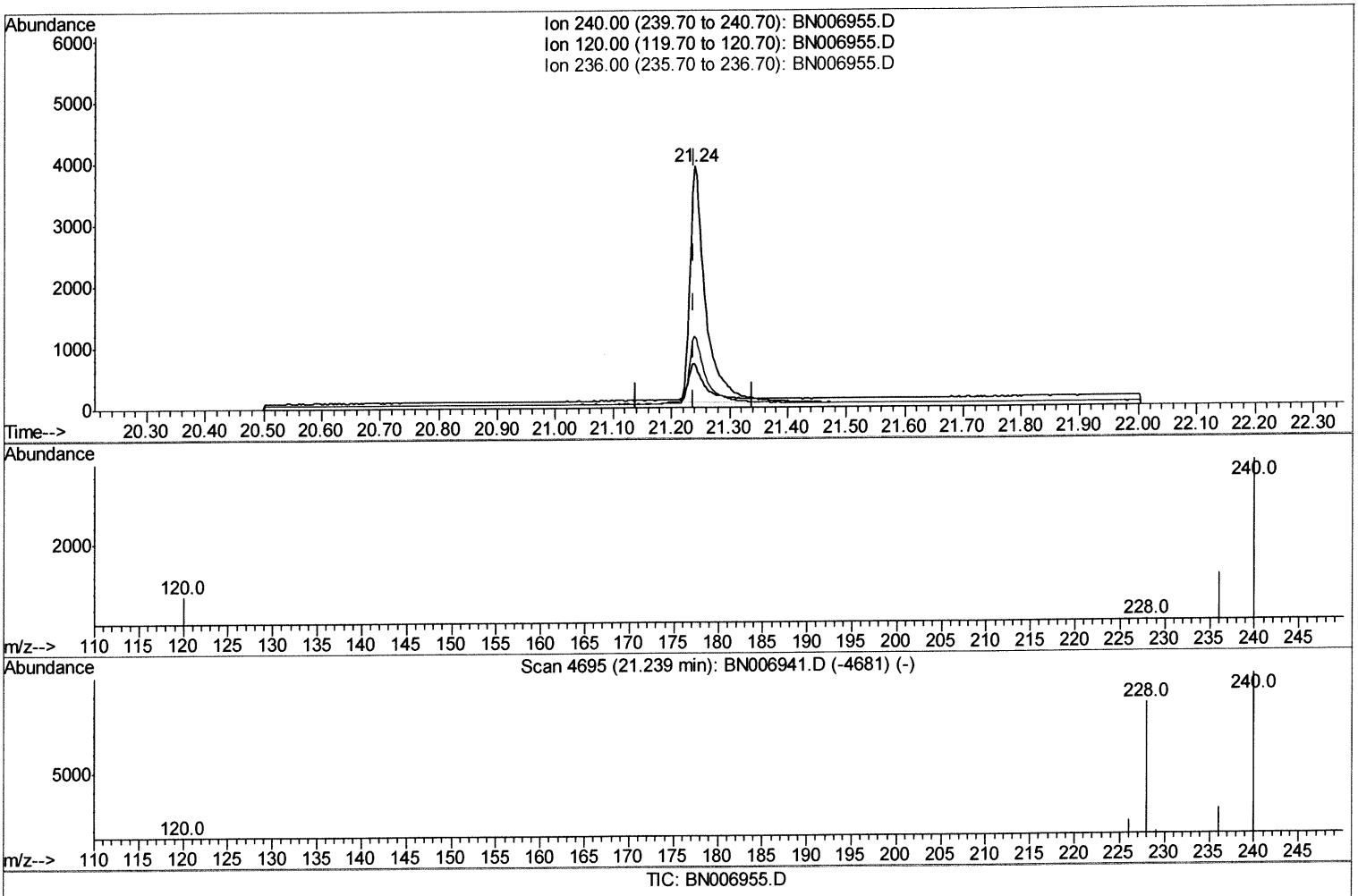
Instrument :
BNA_N
ClientSampleId :
A52J2

Manual Integrations APPROVED
mohammad
7/23/2019 8:42:34 AM



TIC: BN006955.D

(16) Chrysene-d12 (I)

21.239min (+0.000) 0.40ng/ul m JU 07/23/19

response 7158

Ion	Exp%	Act%
240.00	100	100
120.00	20.20	18.33
236.00	30.00	29.70
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072219\
Data File : BN006955.D
Acq On : 22 Jul 2019 23:27
Operator : HP/JU
Sample : K3890-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jul 23 07:07:46 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
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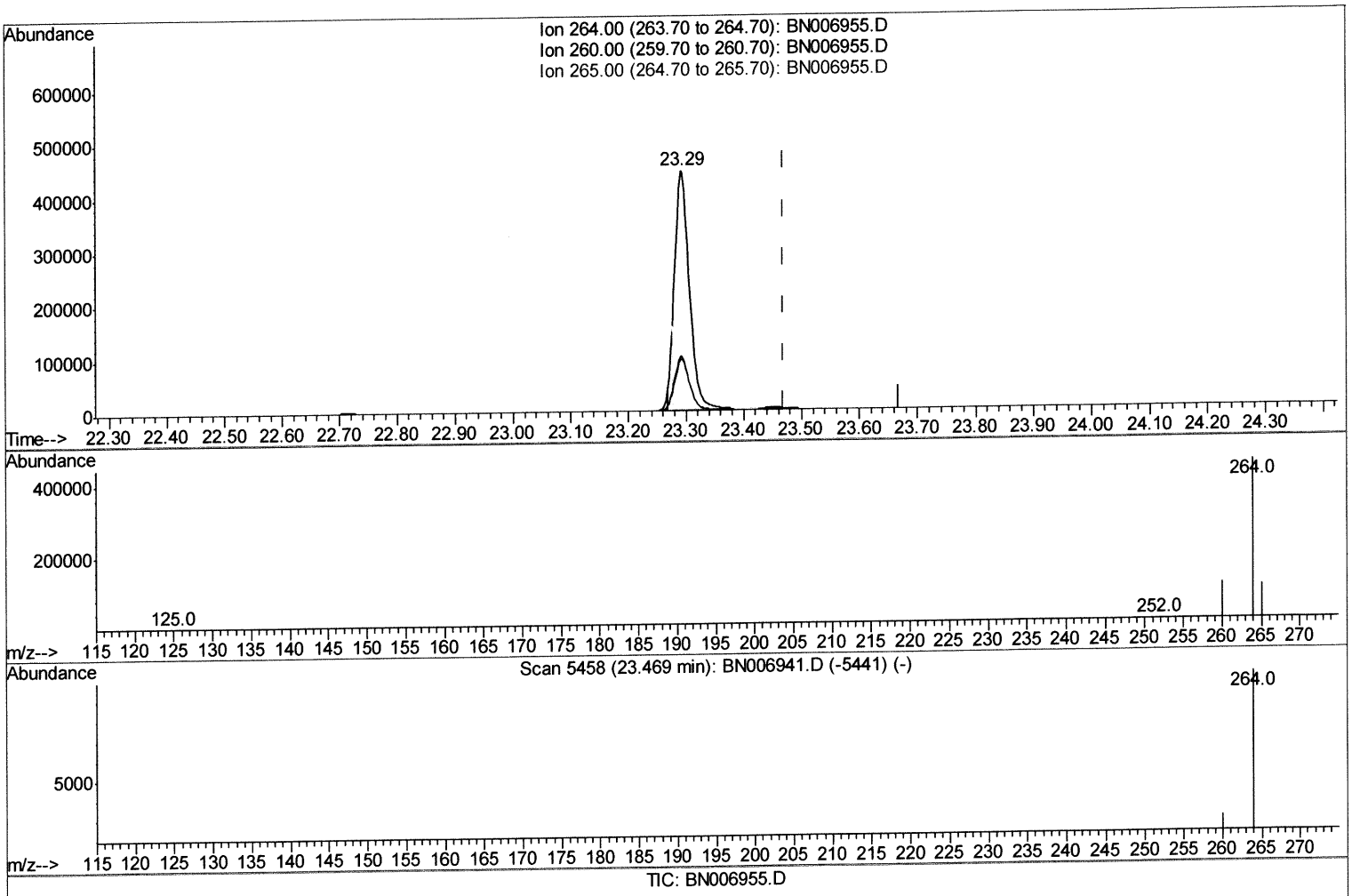
Instrument :
BNA_N
ClientSampleId :
A52J2

Manual Integrations APPROVED
mohammad
7/23/2019 8:42:34 AM



(20) Perylene-d12 (I)

23.291min (-0.178) 0.40ng/ul

response 742427

Ion	Exp%	Act%
264.00	100	100
260.00	27.80	22.70
265.00	36.10	21.41#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072219\
Data File : BN006955.D
Acq On : 22 Jul 2019 23:27
Operator : HP/JU
Sample : K3890-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jul 23 07:07:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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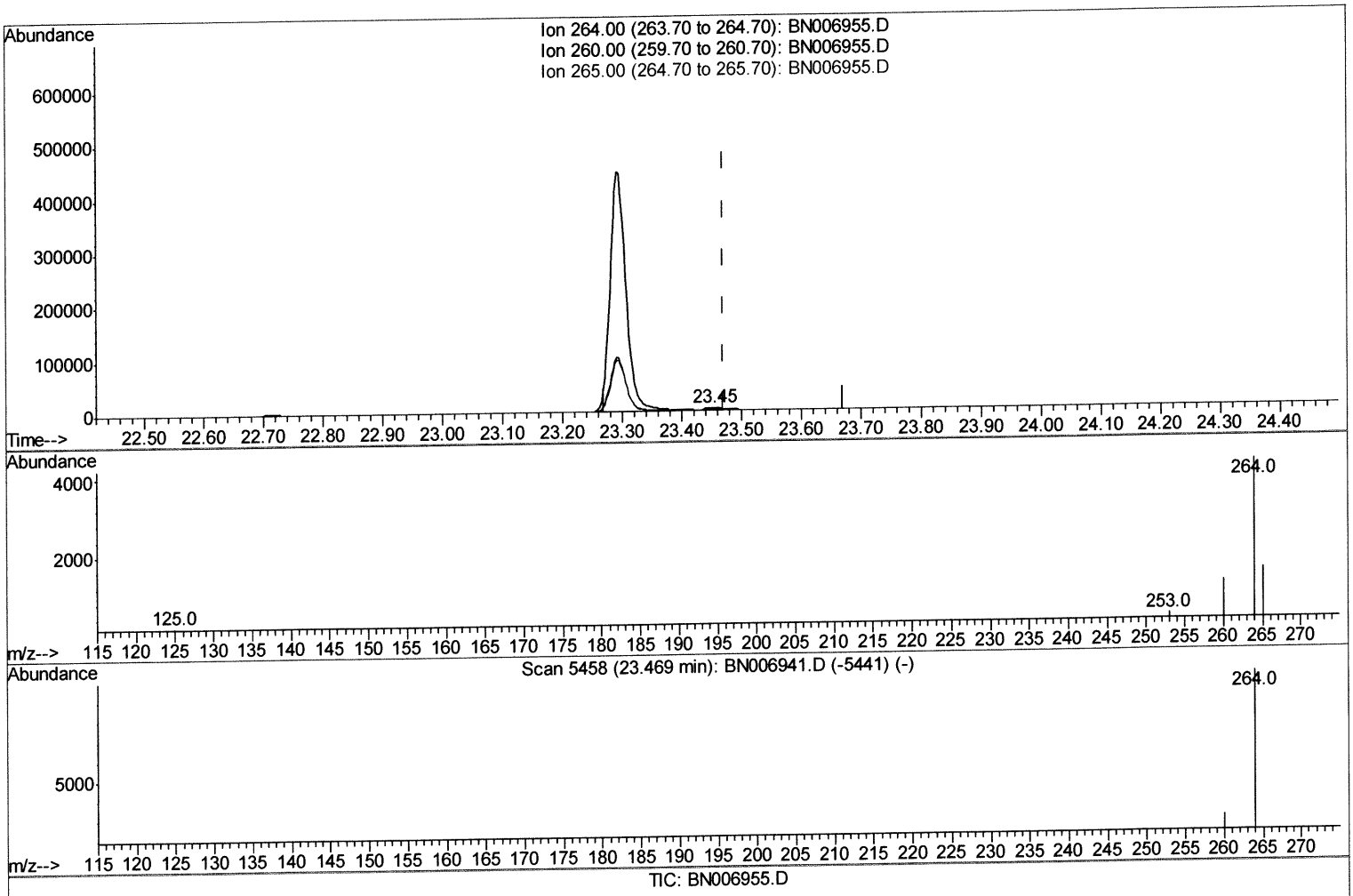
BNA_N
ClientSampleId :
A52J2

Manual Integrations APPROVED
mohammad
7/23/2019 8:42:34 AM



(20) Perylene-d12 (I)

23.452min (-0.017) 0.40ng/ul m JU 07/23/19

response 5800

Ion	Exp%	Act%
264.00	100	100
260.00	27.80	26.69
265.00	36.10	34.29
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 22 Jul 2019 23:27
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Manual Integrations APPROVED
mohammad
7/23/2019 8:42:34 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2532	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.35	136	9061	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.24	164	4599	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	9287m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.24	240	7158m	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	5800m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	3404	0.24	ng/ul	0.02
14) Fluoranthene-d10	19.05	212	7370	0.27	ng/ul	0.00
Target Compounds						Qvalue

JU 07/23/19

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