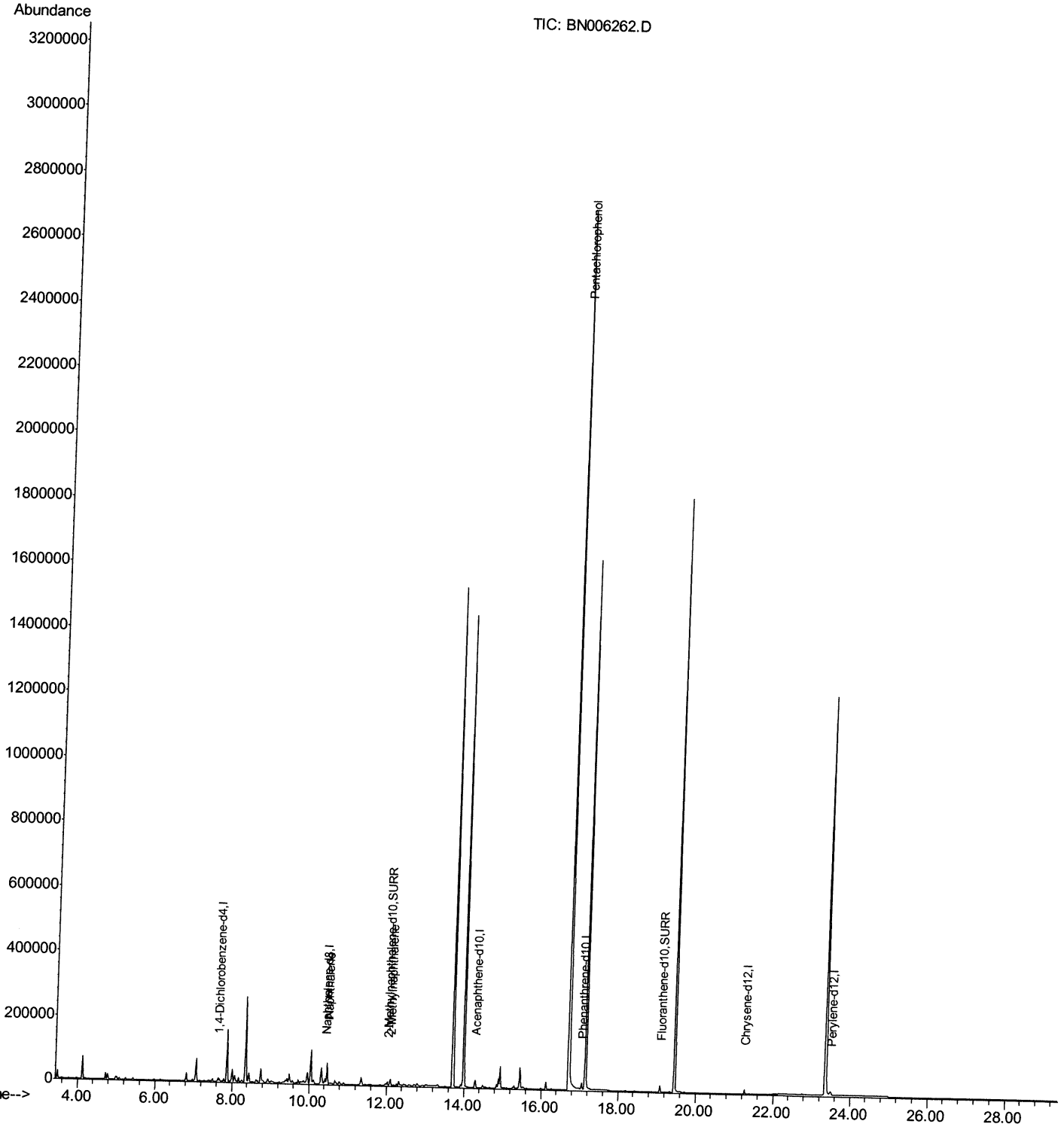
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061119\
Data File : BN006262.D
Acq On : 12 Jun 2019 00:59
Operator : JU/SJ
Sample : K3215-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jun 12 02:51:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 05:10:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DB8J0

Manual Integrations APPROVED
mohammad
6/12/2019 8:19:22 AM



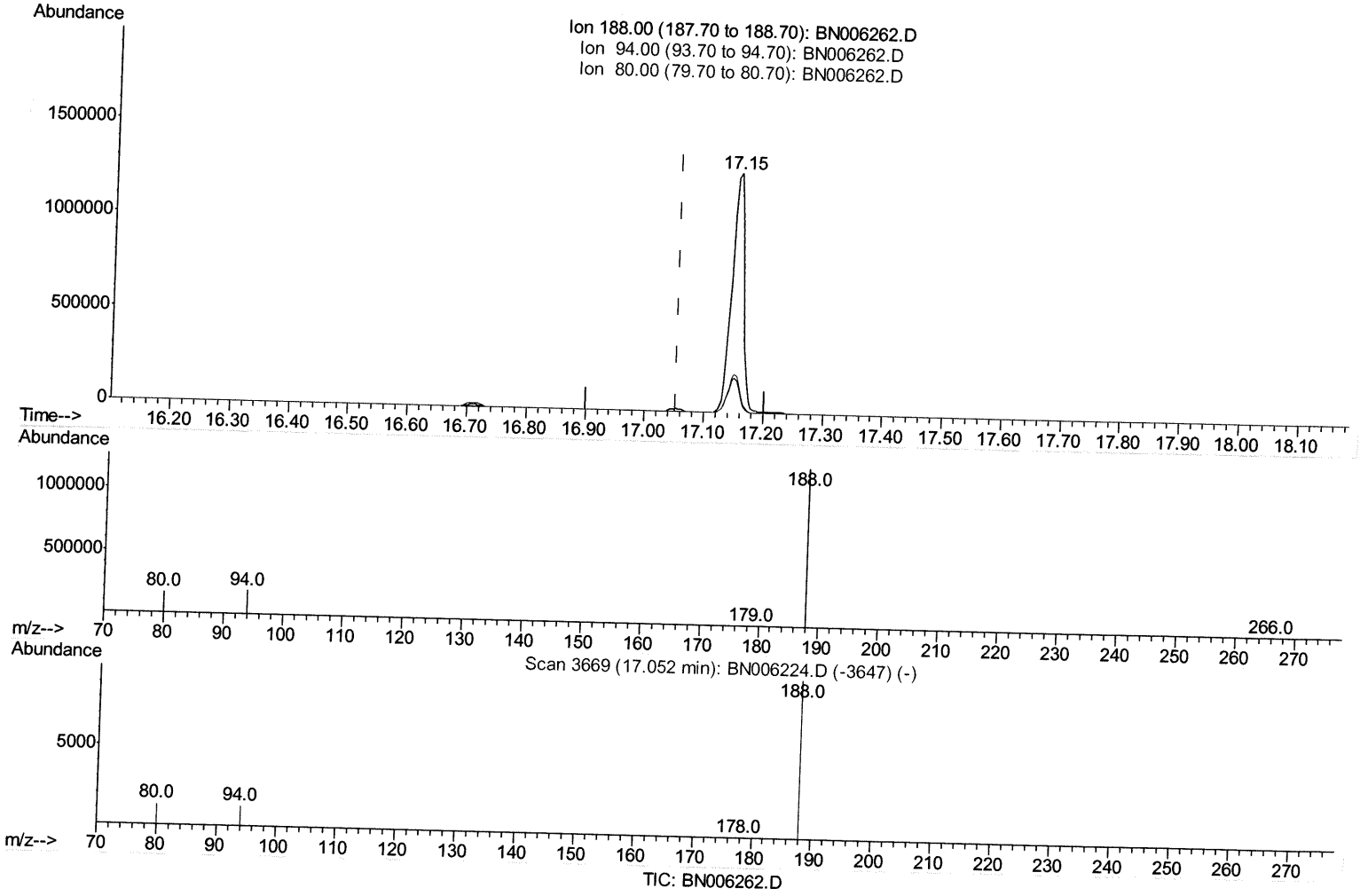
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061119\
Data File : BN006262.D
Acq On : 12 Jun 2019 00:59
Operator : JU/SJ
Sample : K3215-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jun 12 02:46:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 05:10:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DB8J0

Manual Integrations APPROVED
mohammad
6/12/2019 8:19:22 AM



(10) Phenanthrene-d10 (I)

17.154min (+0.101) 0.40ng/ul

response 1835547

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	14.81
80.00	13.60	13.29
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061119\
Data File : BN006262.D
Acq On : 12 Jun 2019 00:59
Operator : JU/SJ
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Misc :
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Quant Time: Jun 12 02:46:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
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QLast Update : Sun Jun 09 05:10:30 2019
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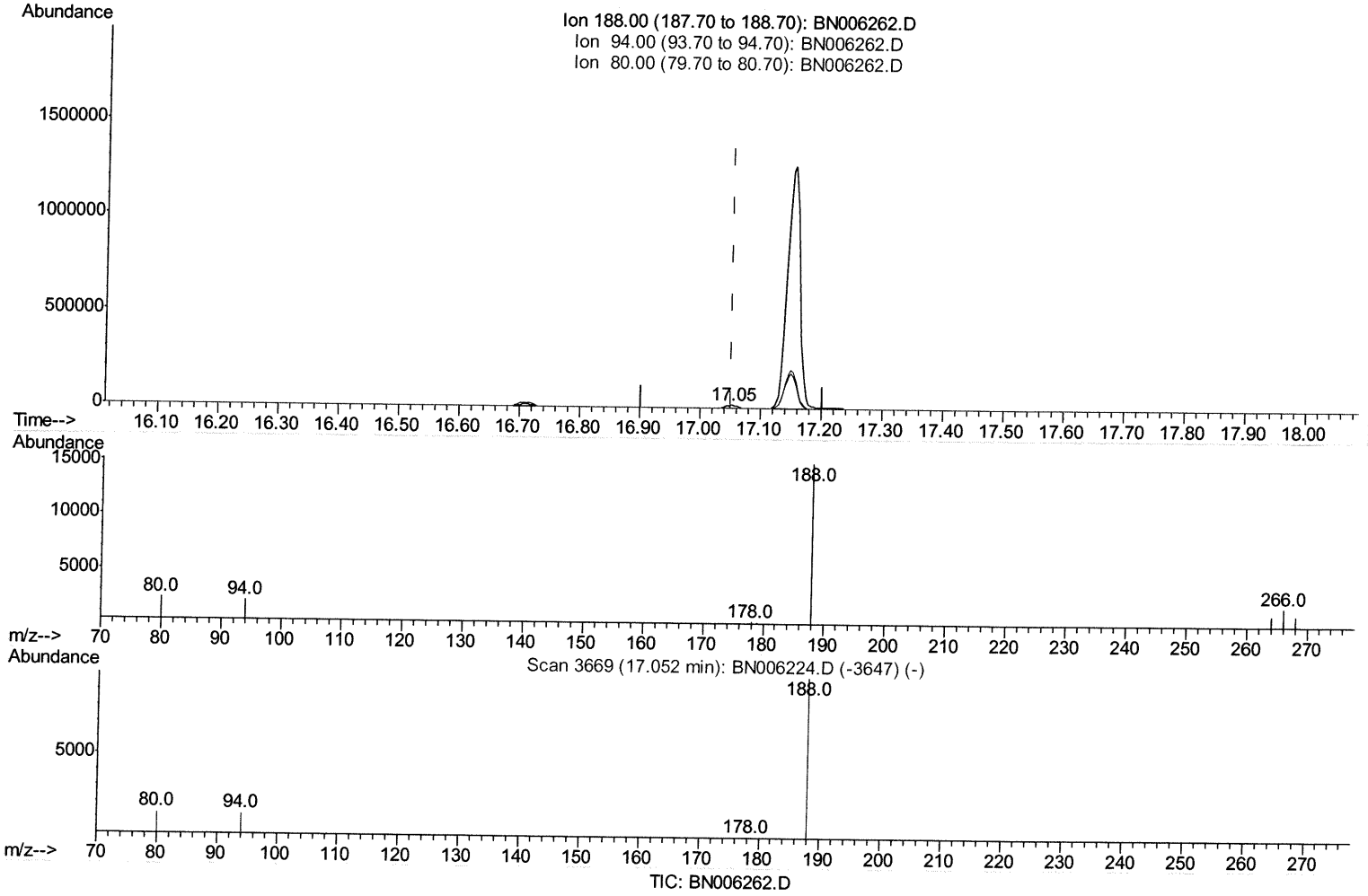
Instrument :
BNA_N
ClientSampleId :
DB8J0

Manual Integrations APPROVED
mohammad
6/12/2019 8:19:22 AM



(10) Phenanthrene-d10 (I)

17.052min (+0.000) 0.40ng/ul m JU 06/12/19

response 19761

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	14.21
80.00	13.60	15.53
0.00	0.00	0.00

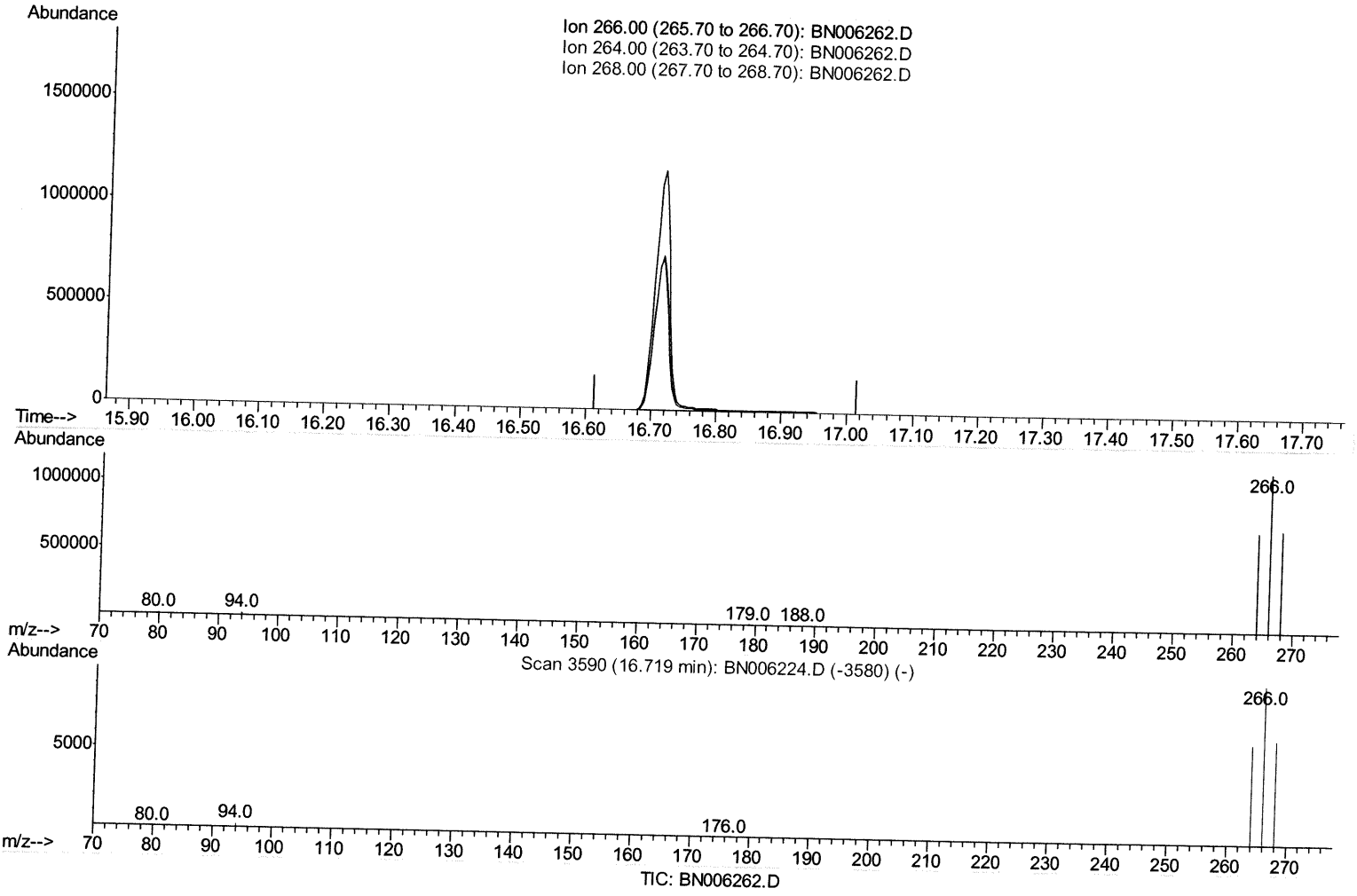
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061119\
Data File : BN006262.D
Acq On : 12 Jun 2019 00:59
Operator : JU/SJ
Sample : K3215-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jun 12 02:48:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 05:10:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DB8J0

Manual Integrations APPROVED
mohammad
6/12/2019 8:19:22 AM



(11) Pentachlorophenol

16.715min (-16.715) 0.00ng/ul

response 0

Ion	Exp%	Act%
266.00	100	0.00
264.00	62.90	0.00#
268.00	64.10	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061119\
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Acq On : 12 Jun 2019 00:59
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Sample : K3215-06
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ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jun 12 02:48:51 2019
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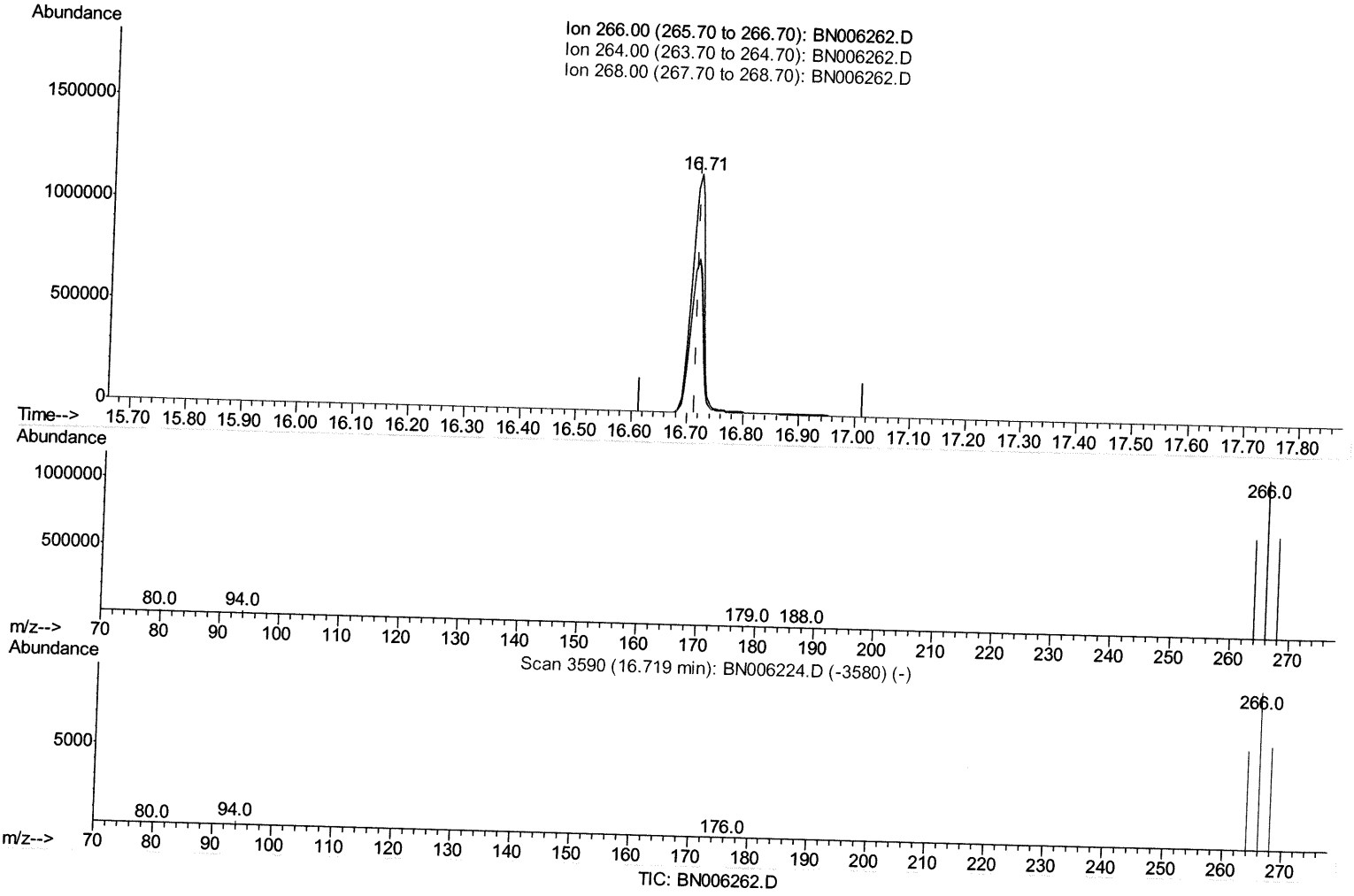
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 05:10:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DB8J0

Manual Integrations APPROVED
mohammad
6/12/2019 8:19:22 AM



(11) Pentachlorophenol

16.715min (+0.000) 373.25ng/ul m JU 06/12/19

response 1874206

Ion	Exp%	Act%
266.00	100	100
264.00	62.90	0.00#
268.00	64.10	0.00#
0.00	0.00	0.00

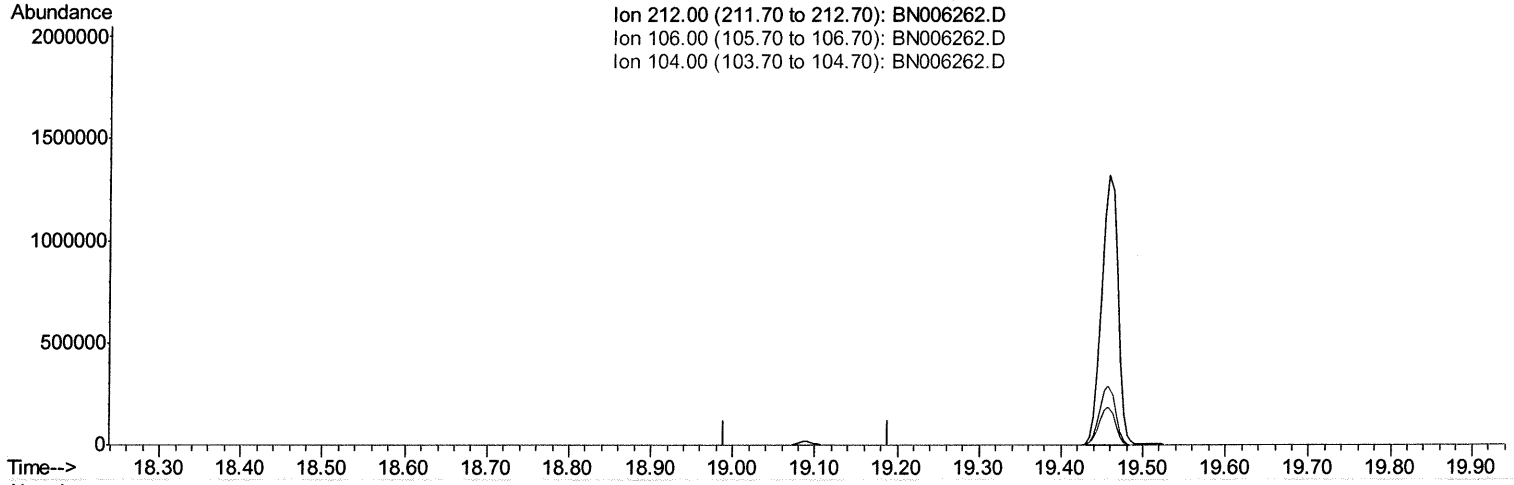
Quantitation Report (Qedit)

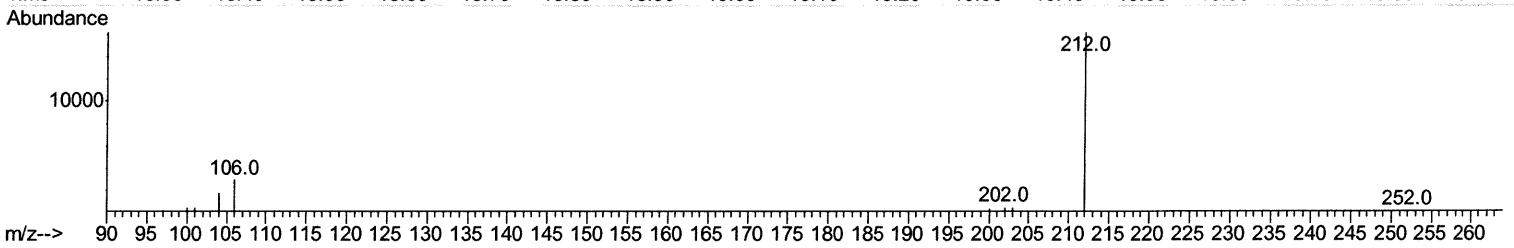
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061119\
Data File : BN006262.D
Acq On : 12 Jun 2019 00:59
Operator : JU/SJ
Sample : K3215-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

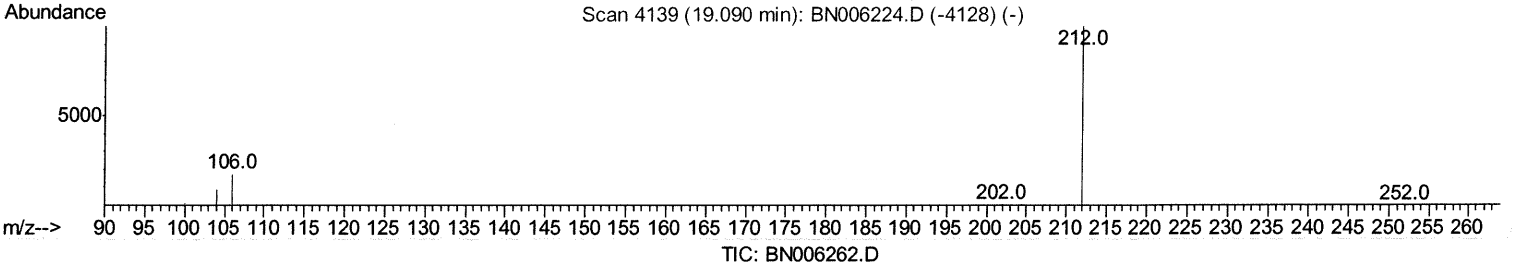
Quant Time: Jun 12 02:48:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 05:10:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DB8J0

Manual Integrations APPROVED
mohammad
6/12/2019 8:19:22 AM







(14) Fluoranthene-d10 (SURR)

19.090min (-19.090) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	18.10	0.00#
104.00	9.90	0.00#
0.00	0.00	0.00

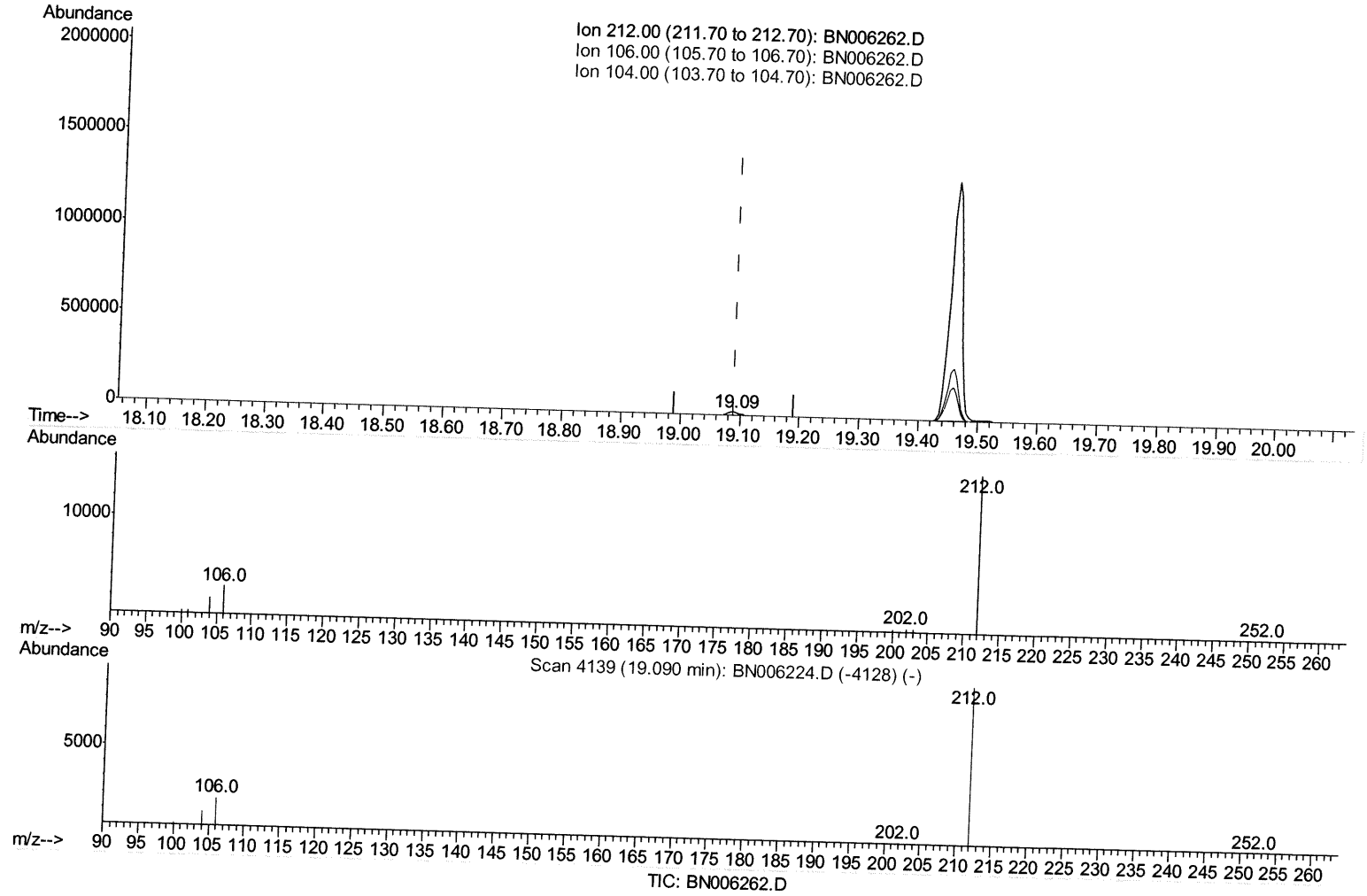
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061119\
Data File : BN006262.D
Acq On : 12 Jun 2019 00:59
Operator : JU/SJ
Sample : K3215-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jun 12 02:48:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 05:10:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DB8J0

Manual Integrations APPROVED
mohammad
6/12/2019 8:19:22 AM



TIC: BN006262.D

(14) Fluoranthene-d10 (SURR)

19.090min (+0.000) 0.42ng/ul m JU 06/12/19

response 22227

Ion	Exp%	Act%
212.00	100	100
106.00	18.10	0.00#
104.00	9.90	0.00#
0.00	0.00	0.00

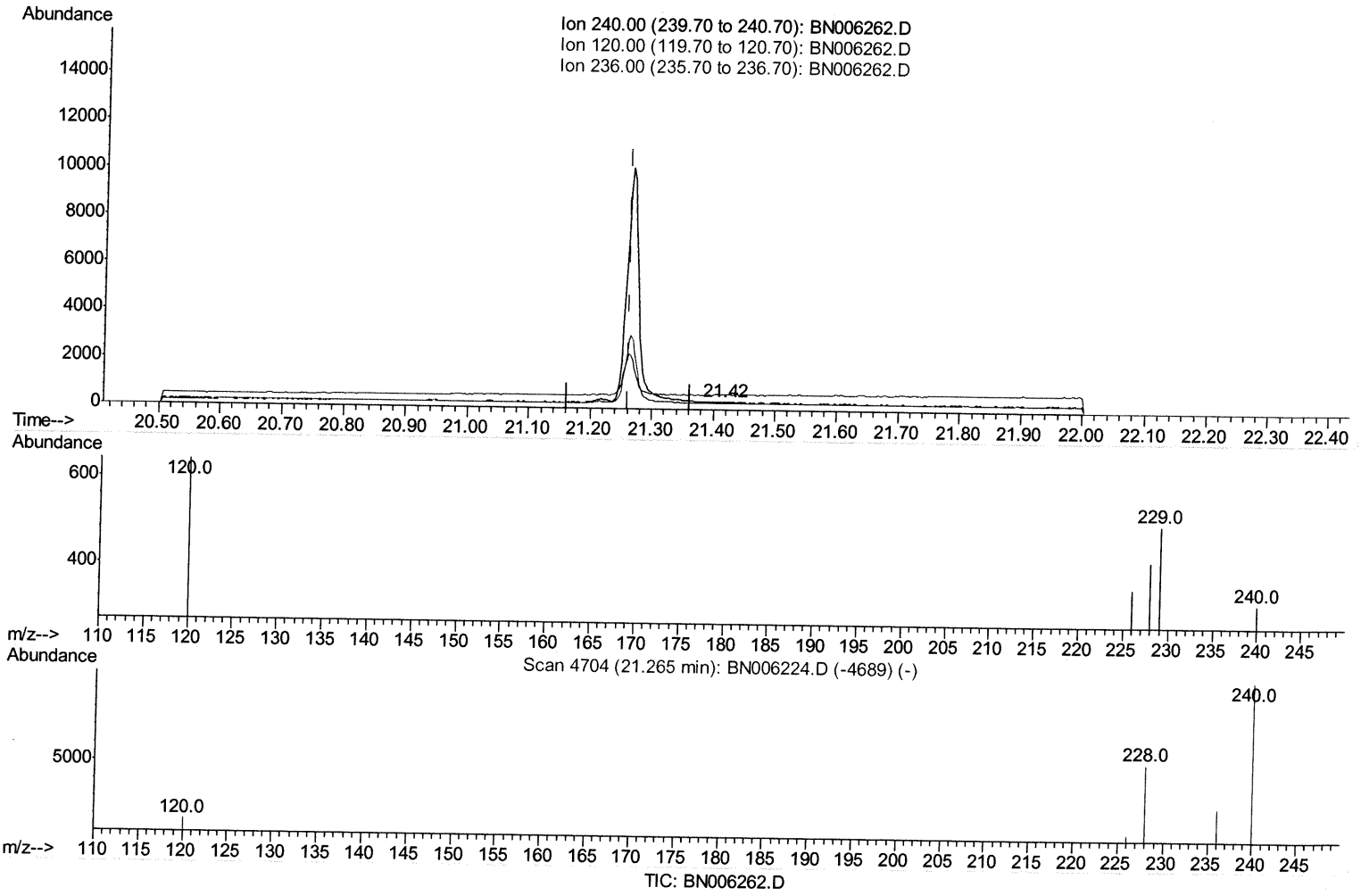
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061119\
Data File : BN006262.D
Acq On : 12 Jun 2019 00:59
Operator : JU/SJ
Sample : K3215-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jun 12 02:48:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 05:10:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DB8J0

Manual Integrations APPROVED
mohammad
6/12/2019 8:19:22 AM



(16) Chrysene-d12 (I)

21.416min (+0.154) 0.40ng/ul

response 29

Ion	Exp%	Act%
240.00	100	100
120.00	20.10	197.84#
236.00	30.10	83.33#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Sample : K3215-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jun 12 02:48:51 2019
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QLast Update : Sun Jun 09 05:10:30 2019
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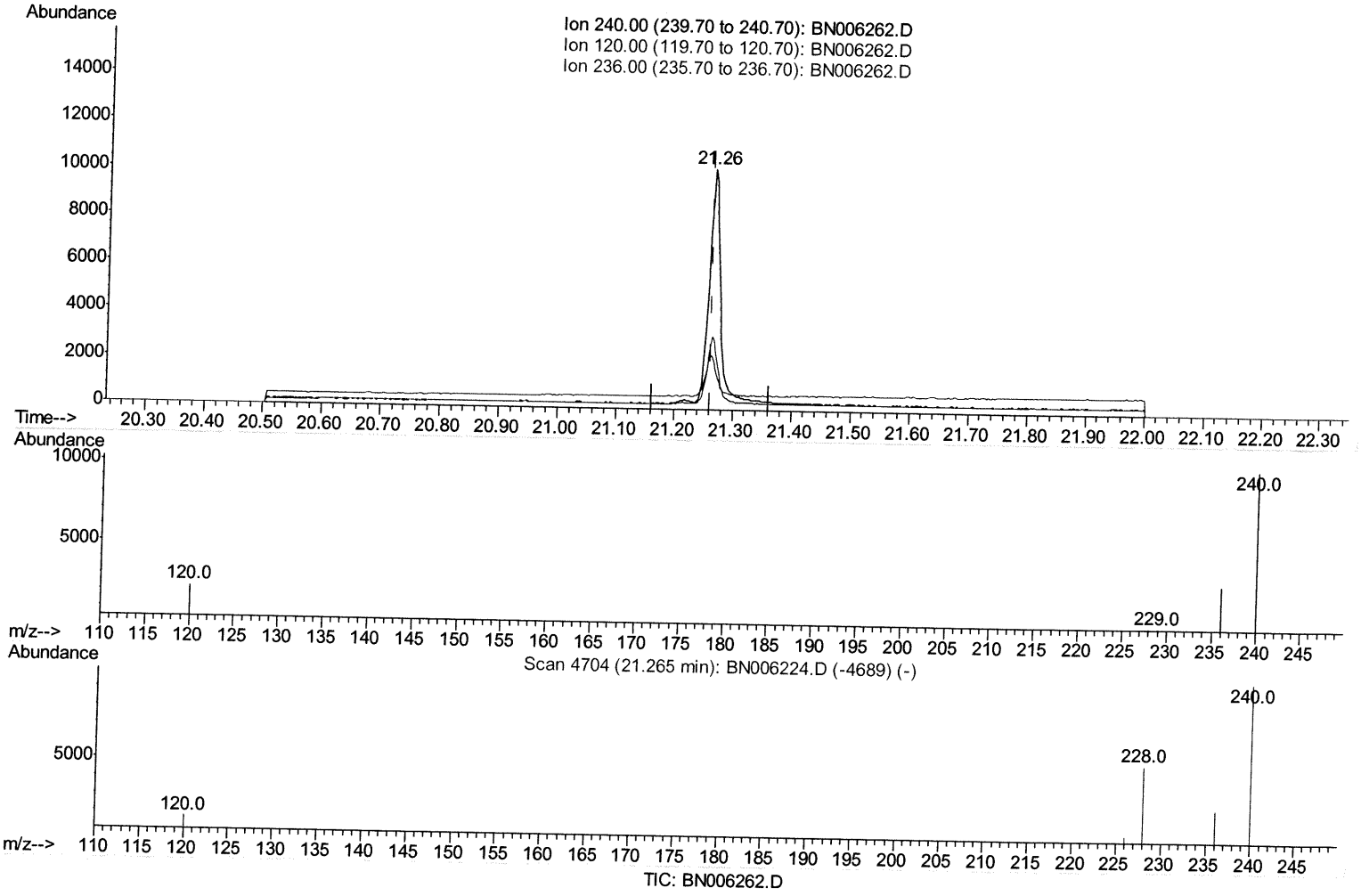
Instrument :
BNA_N
ClientSampleId :
DB8J0

Manual Integrations APPROVED
mohammad
6/12/2019 8:19:22 AM



(16) Chrysene-d12 (I)

21.264min (+0.002) 0.40ng/ul m JU 06/12/19

response 13248

Ion	Exp%	Act%
240.00	100	100
120.00	20.10	22.42
236.00	30.10	30.36
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061119\
Data File : BN006262.D
Acq On : 12 Jun 2019 00:59
Operator : JU/SJ
Sample : K3215-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DB8J0

Manual Integrations APPROVED
mohammad
6/12/2019 8:19:22 AM

Quant Time: Jun 12 02:51:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 05:10:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	5364	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	19784	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	19070	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	19761m >	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	13248m >	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	26232	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	11883	0.39	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	22227m >	0.42	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.47	128	86313	1.581	ng/ul	100
5) 2-Methylnaphthalene	12.09	142	12652	0.333	ng/ul	89
11) Pentachlorophenol	16.71	266	1874206m >	373.253	ng/ul	

JU 06/12/19

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