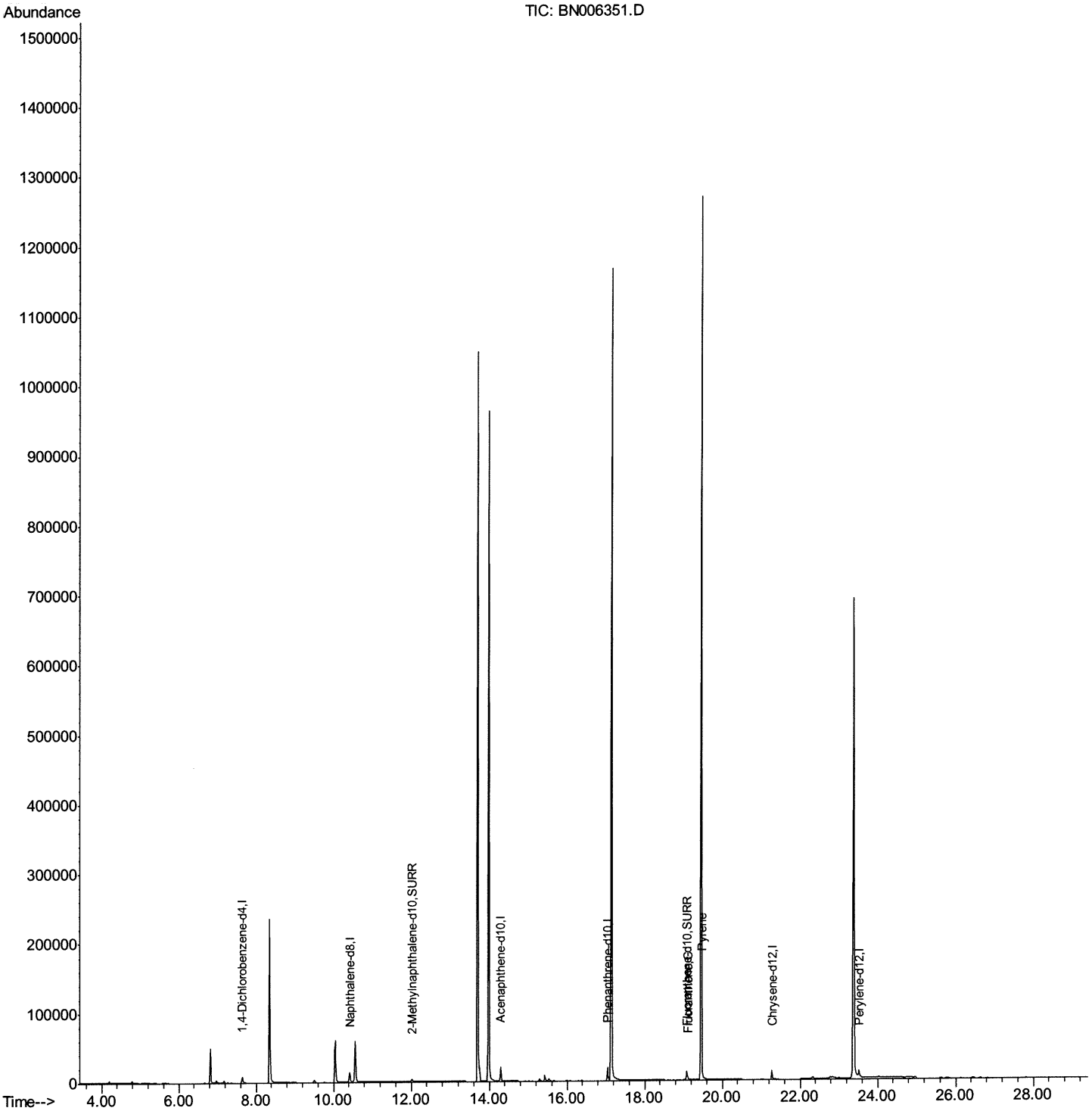
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
Data File : BN006351.D
Acq On : 17 Jun 2019 16:59
Operator : JU/SJ
Sample : K3332-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 18 02:37:13 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 : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A41W7

Manual Integrations APPROVED
mohammad
6/21/2019 8:22:13 AM



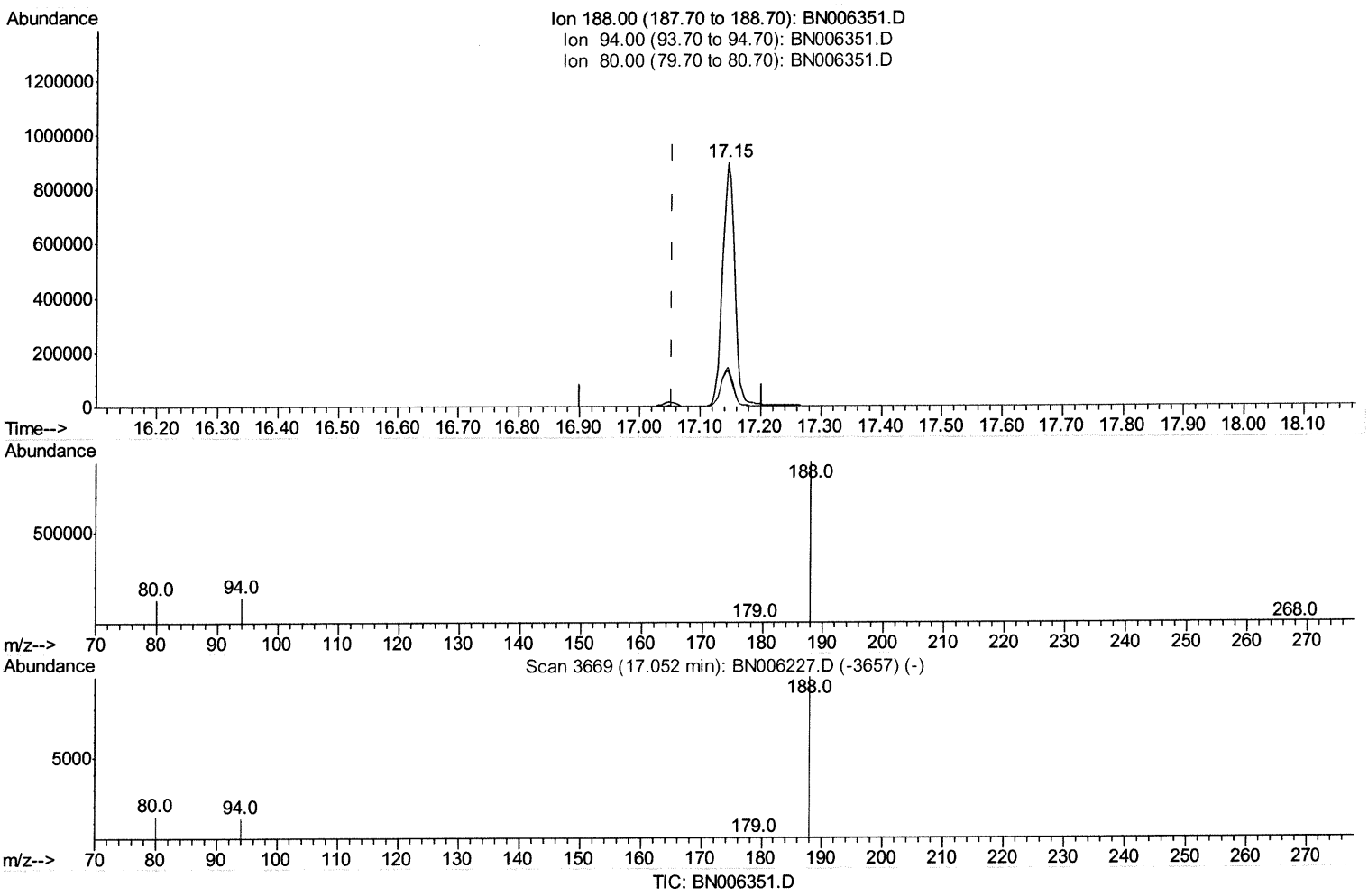
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
Data File : BN006351.D
Acq On : 17 Jun 2019 16:59
Operator : JU/SJ
Sample : K3332-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 18 01:51:42 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 : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A41W7

Manual Integrations APPROVED
mohammad
6/21/2019 8:22:13 AM



TIC: BN006351.D

(10) Phenanthrene-d10 (I)

17.145min (+0.093) 0.40ng/ul

response 1252659

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	15.80#
80.00	13.60	14.48
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
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Operator : JU/SJ
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Quant Time: Jun 18 01:51:42 2019
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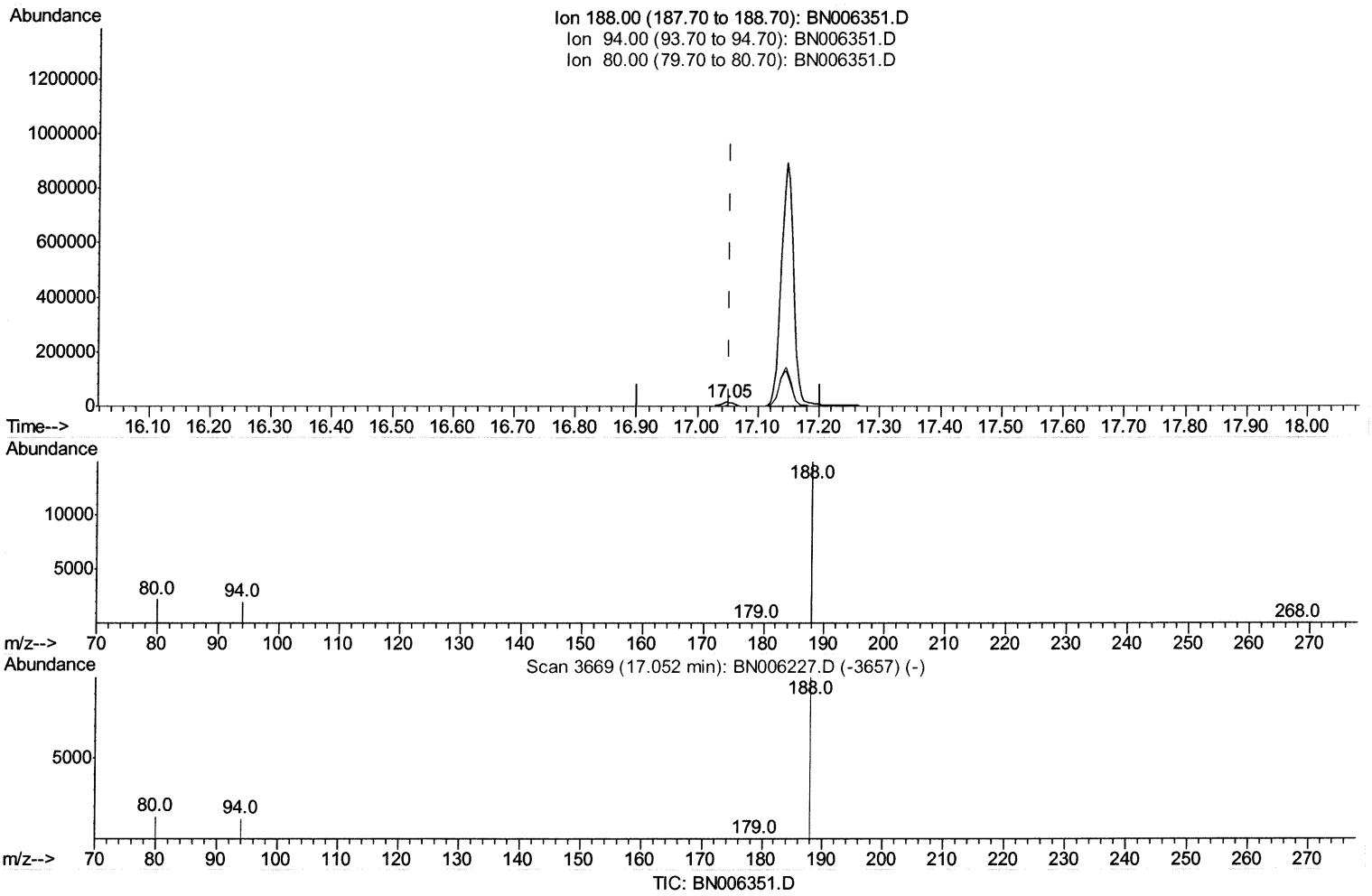
Instrument :
BNA_N
ClientSampleId :
A41W7

Manual Integrations APPROVED
mohammad
6/21/2019 8:22:13 AM



TIC: BN006351.D

(10) Phenanthrene-d10 (I)

17.048min (-0.004) 0.40ng/ul m JU 06/18/19

response 21239

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	13.55
80.00	13.60	15.31
0.00	0.00	0.00

Quantitation Report (Qedit)

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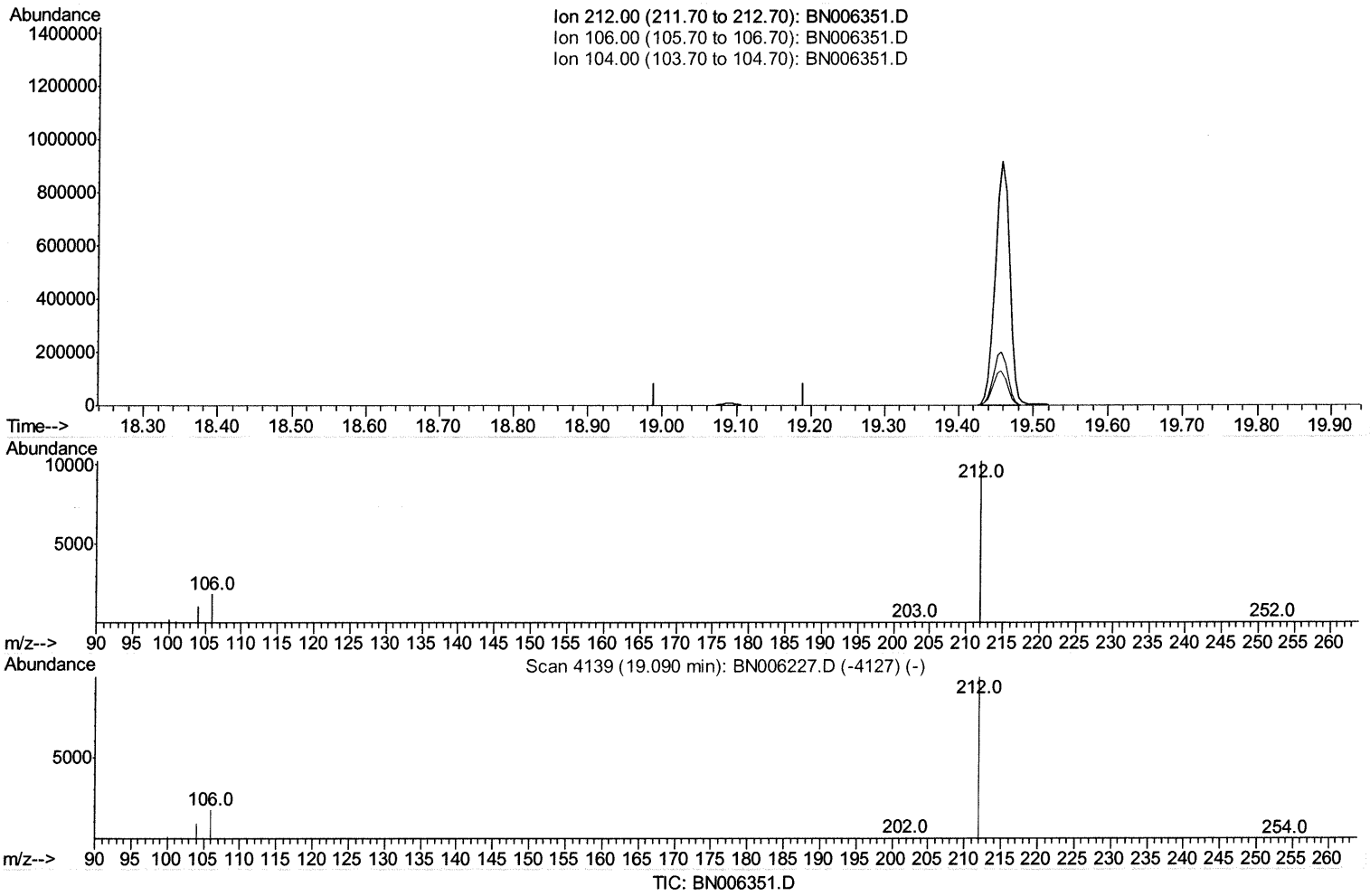
Acq On : 17 Jun 2019 16:59
Operator : JU/SJ
Sample : K3332-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 18 02:33:34 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 : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A41W7

Manual Integrations APPROVED
mohammad
6/21/2019 8:22:13 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\BN061719\
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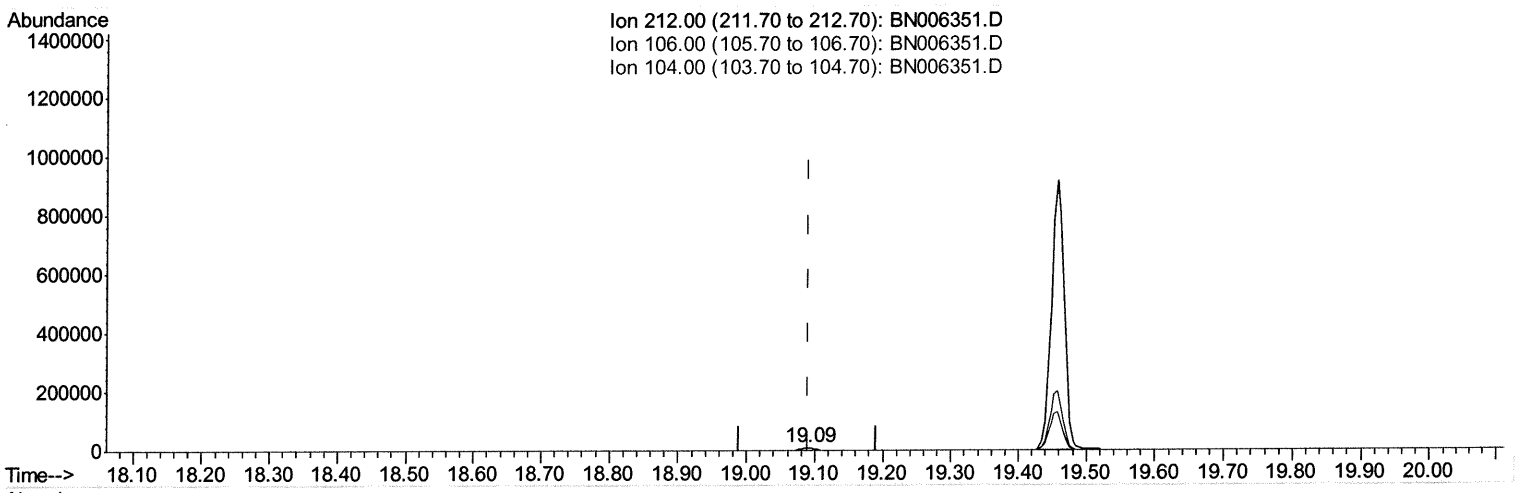
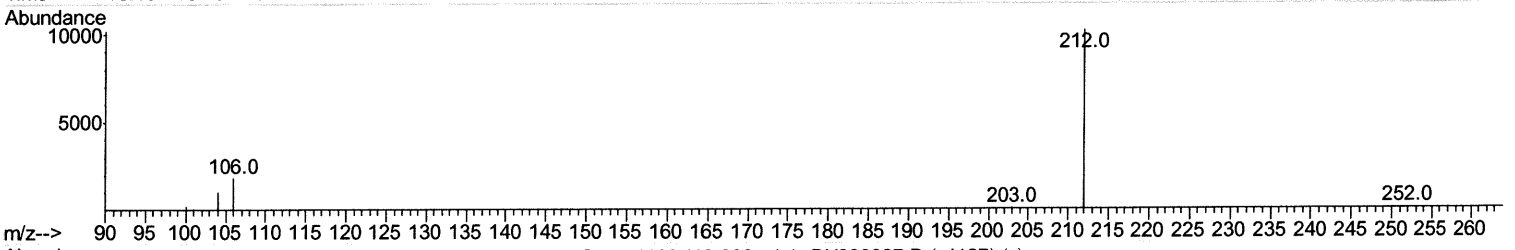
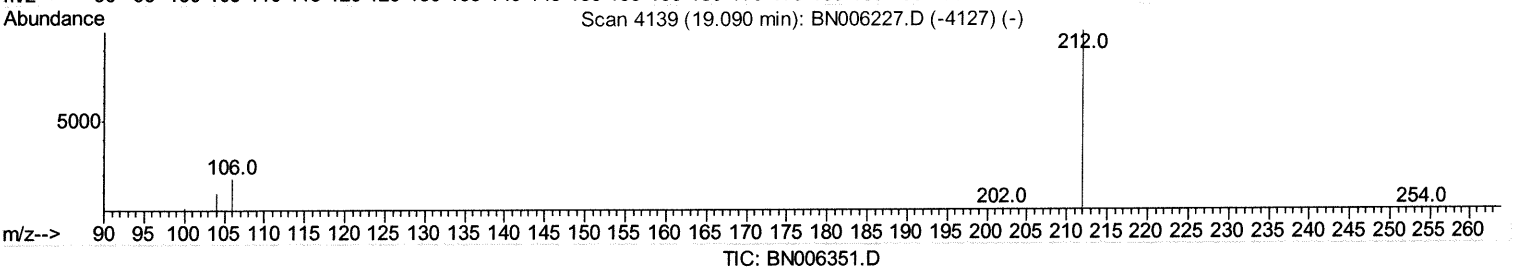
Instrument :
BNA_N
ClientSampleId :
A41W7

Manual Integrations APPROVED
mohammad
6/21/2019 8:22:13 AM







TIC: BN006351.D

(14) Fluoranthene-d10 (SURR)

19.090min (-0.000) 0.23ng/ul m JU 06/18/19

response 13162

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

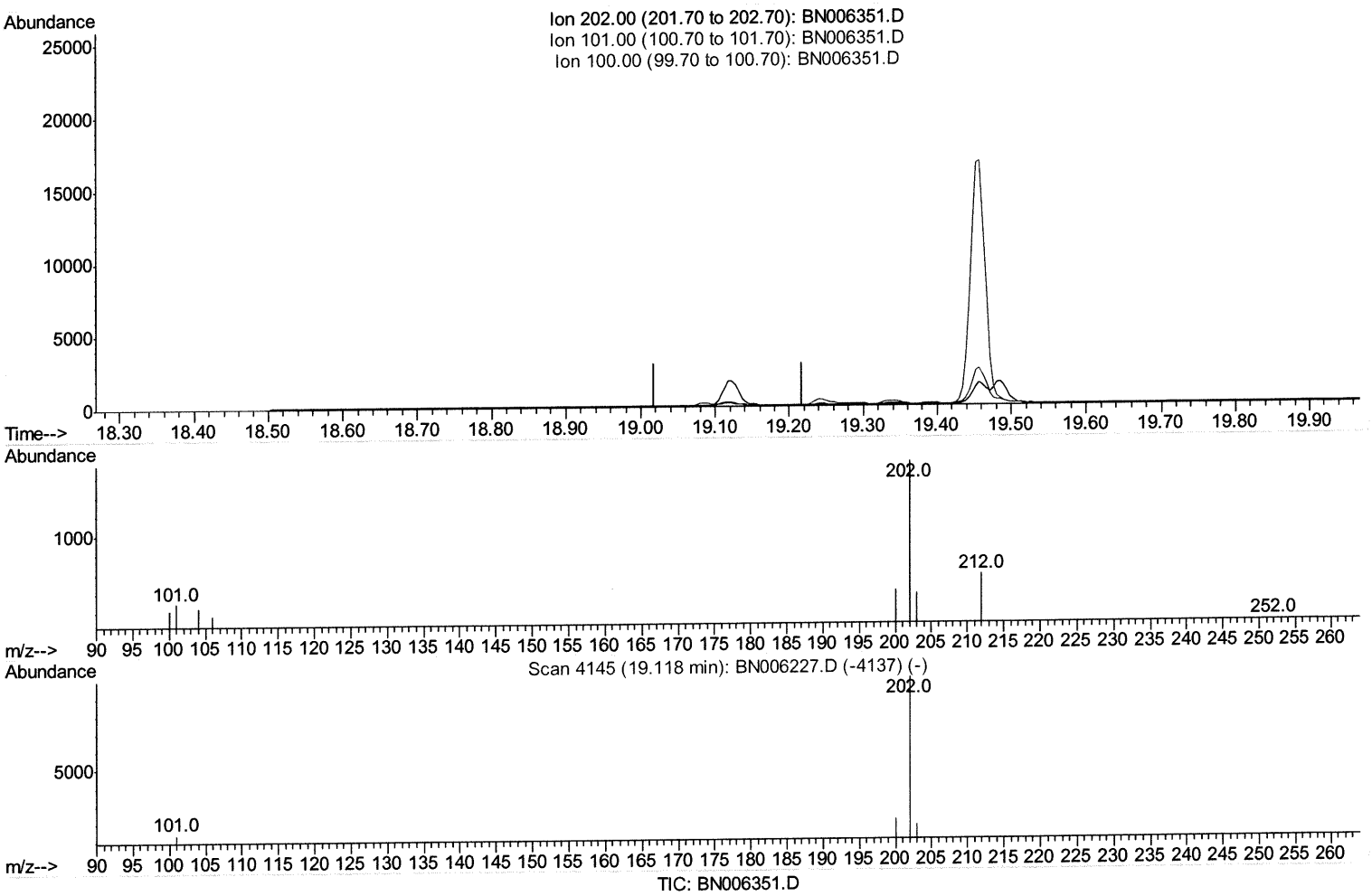
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
Data File : BN006351.D
Acq On : 17 Jun 2019 16:59
Operator : JU/SJ
Sample : K3332-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 18 02:34:16 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 : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A41W7

Manual Integrations APPROVED
mohammad
6/21/2019 8:22:13 AM



(15) Fluoranthene (C)

19.118min (-19.118) 0.00ng/ul

response 0

Ion	Exp%	Act%
202.00	100	0.00
101.00	12.10	0.00
100.00	8.70	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
Data File : BN006351.D
Acq On : 17 Jun 2019 16:59
Operator : JU/SJ
Sample : K3332-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 18 02:34:16 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 : Mon Jun 17 11:13:07 2019
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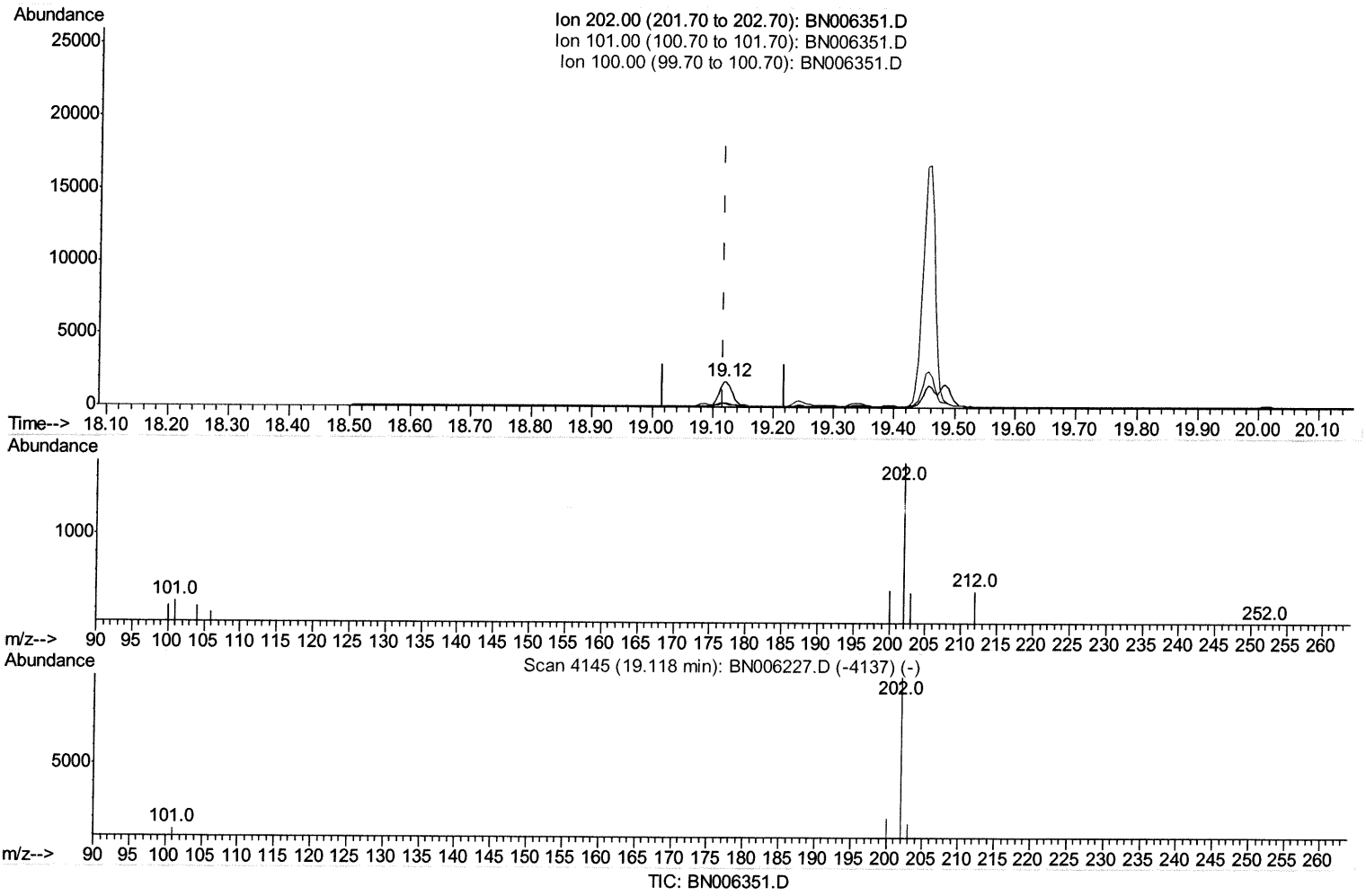
Instrument :
BNA_N
ClientSampleId :
A41W7

Manual Integrations APPROVED
mohammad
6/21/2019 8:22:13 AM



TIC: BN006351.D

(15) Fluoranthene (C)

19.123min (+0.005) 0.03ng/ul m JV 06/18/19

response 2505

Ion	Exp%	Act%
202.00	100	100
101.00	12.10	16.17
100.00	8.70	13.36
0.00	0.00	0.00

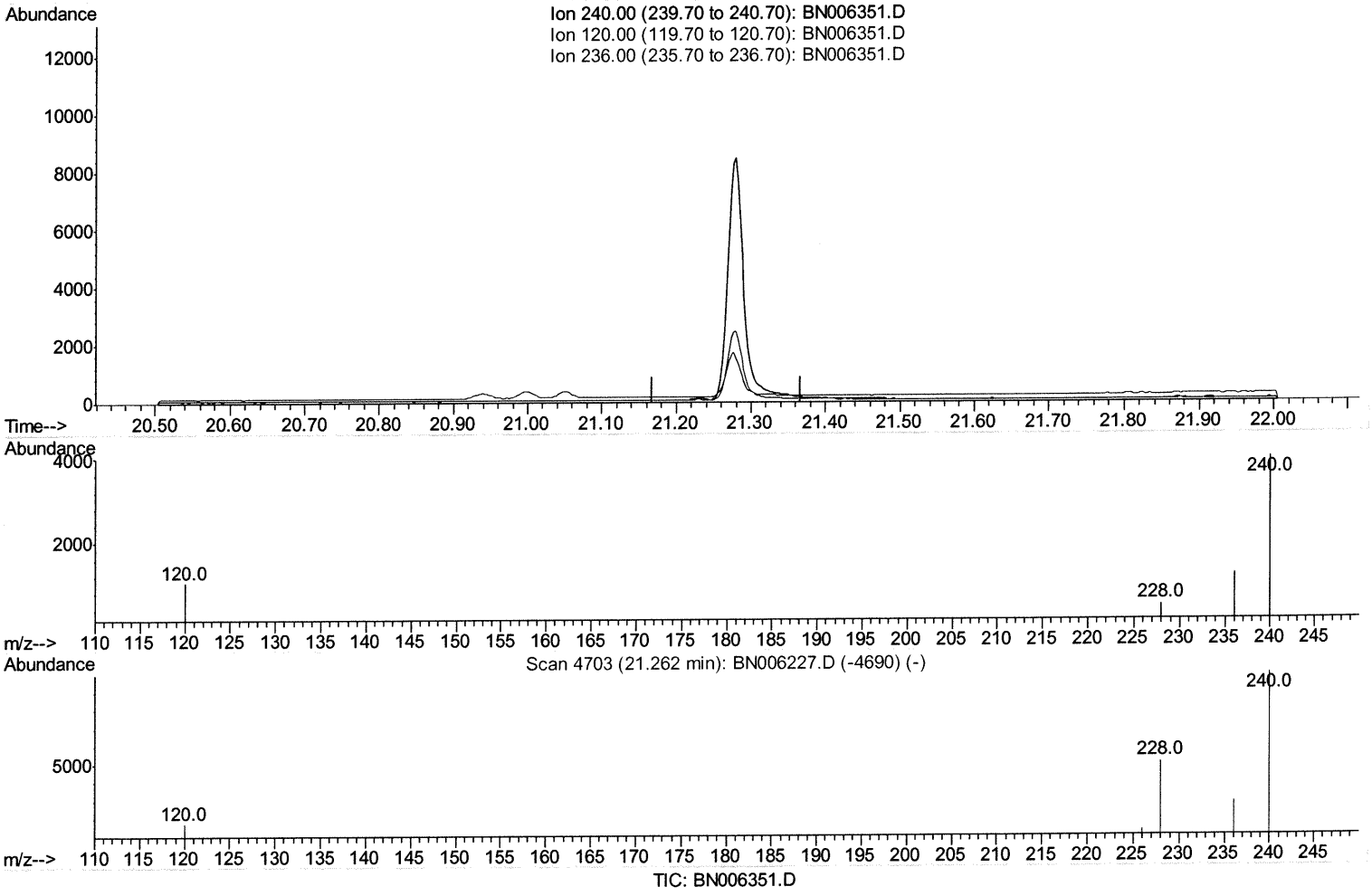
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
Data File : BN006351.D
Acq On : 17 Jun 2019 16:59
Operator : JU/SJ
Sample : K3332-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 18 02:34:16 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 : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A41W7

Manual Integrations APPROVED
mohammad
6/21/2019 8:22:13 AM



(16) Chrysene-d12 (I)

21.268min (-21.268) 0.00ng/ul

response 0

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

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
Data File : BN006351.D
Acq On : 17 Jun 2019 16:59
Operator : JU/SJ
Sample : K3332-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 18 02:34:16 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 : Mon Jun 17 11:13:07 2019
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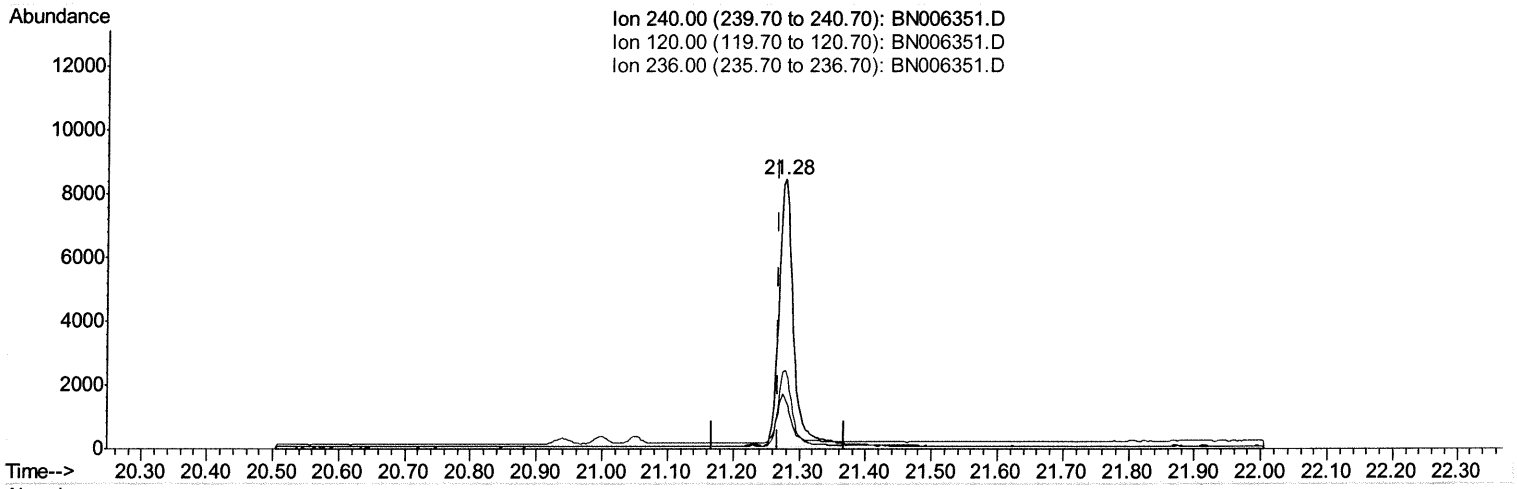
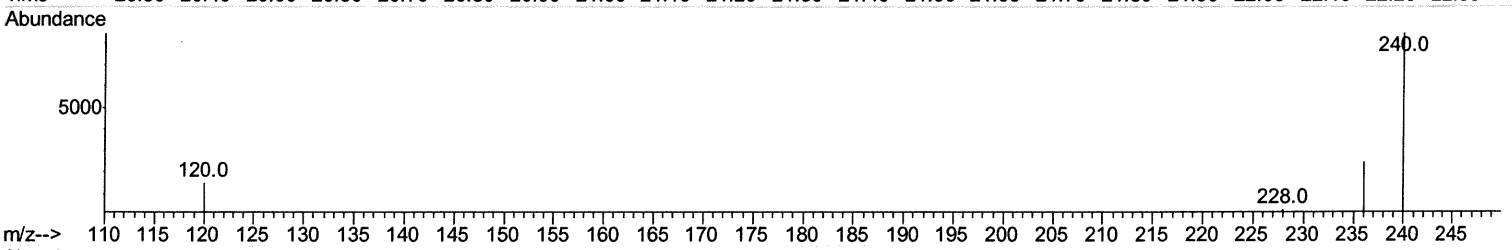
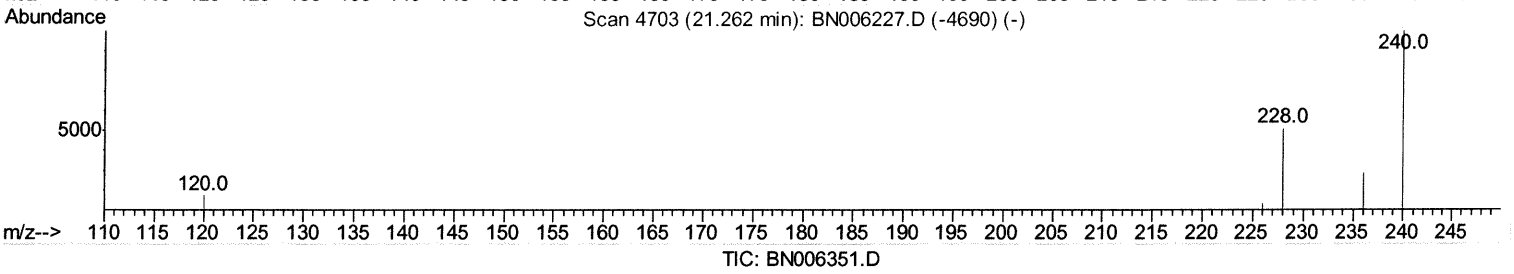
Instrument :
BNA_N
ClientSampleId :
A41W7

Manual Integrations APPROVED
mohammad
6/21/2019 8:22:13 AM







TIC: BN006351.D

(16) Chrysene-d12 (I)

21.279min (+0.010) 0.40ng/ul m JU 06/18/19

response 12795

Ion	Exp%	Act%
240.00	100	100
120.00	20.10	18.02
236.00	30.10	29.18
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
Data File : BN006351.D
Acq On : 17 Jun 2019 16:59
Operator : JU/SJ
Sample : K3332-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 18 02:35:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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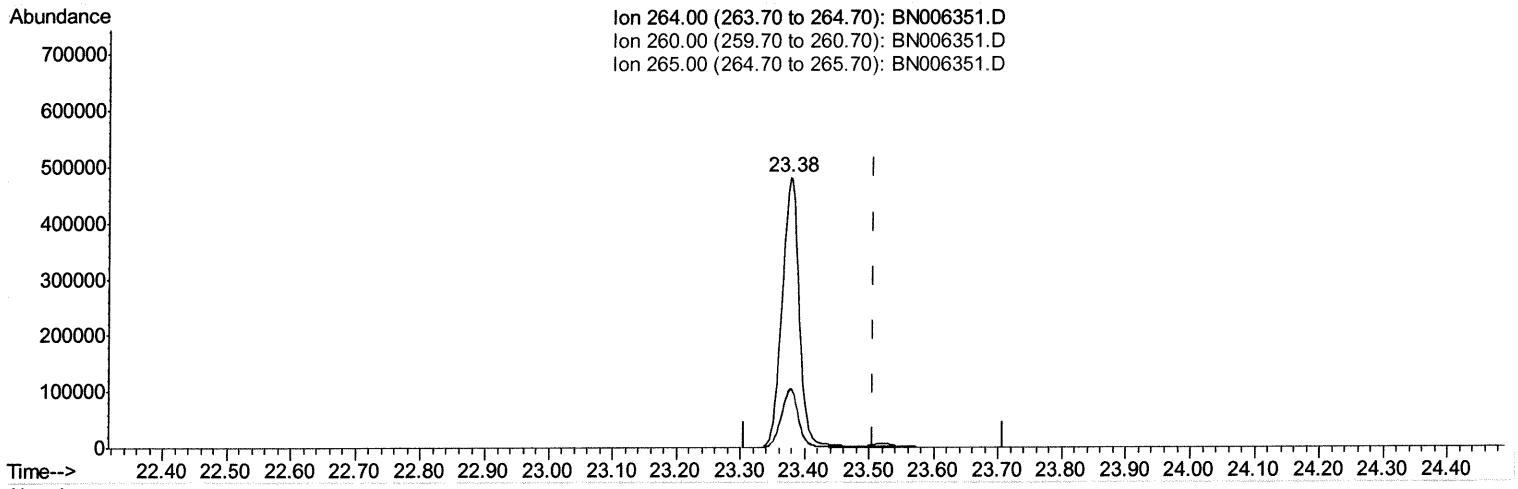
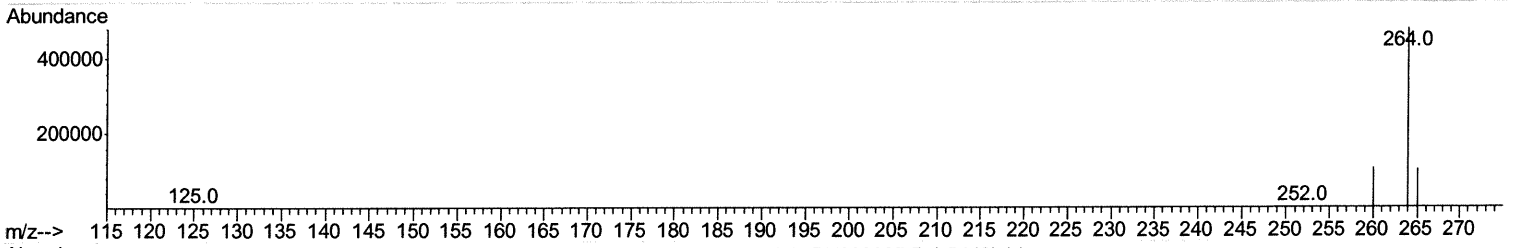
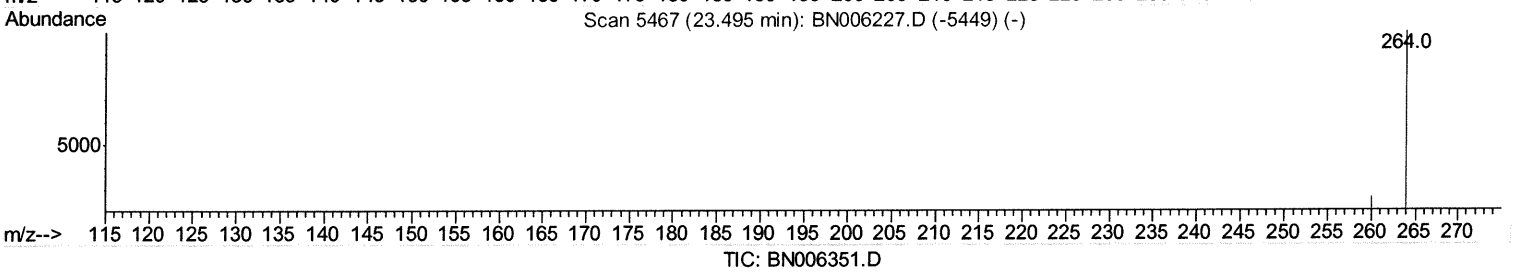
Instrument :
BNA_N
ClientSampleId :
A41W7

Manual Integrations APPROVED
mohammad
6/21/2019 8:22:13 AM







TIC: BN006351.D

(20) Perylene-d12 (I)

23.377min (-0.130) 0.40ng/ul

response 897669

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	22.00#
265.00	44.70	21.39#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 17 Jun 2019 16:59
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ALS Vial : 11 Sample Multiplier: 1

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Instrument :
BNA_N
ClientSampleId :
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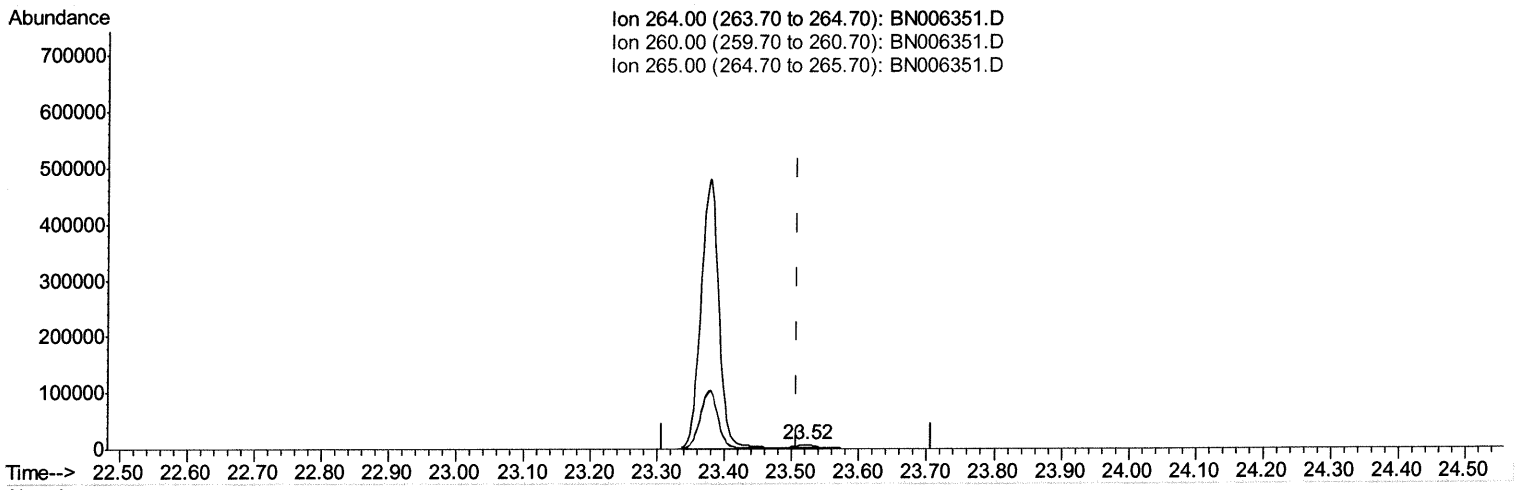
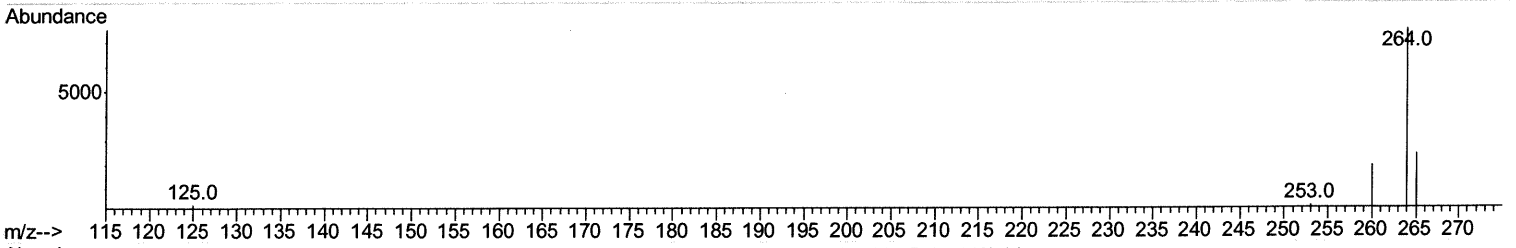
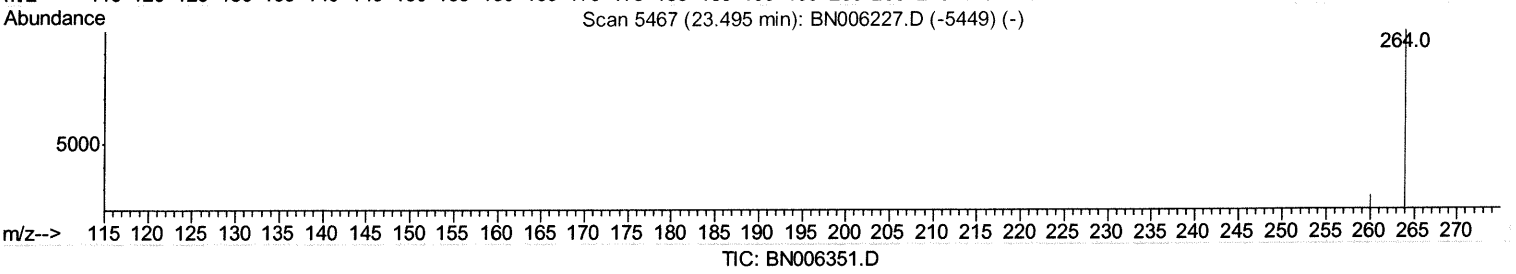
Manual Integrations APPROVED
mohammad
6/21/2019 8:22:13 AM







TIC: BN006351.D

(20) Perylene-d12 (I)

23.520min (+0.013) 0.40ng/ul m JU 06/18/19

response 10577

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	26.48
265.00	44.70	32.49#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Instrument :
BNA_N
ClientSampleId :
A41W7

Manual Integrations APPROVED
mohammad
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	4964	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	19964	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	11150	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	21239m >	0.40	ng/ul	0.00
16) Chrysene-d12	21.28	240	12795m >	0.40	ng/ul	0.01
20) Perylene-d12	23.52	264	10577m >	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	6745	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	13162m >	0.23	ng/ul	0.00
Target Compounds						Qvalue
15) Fluoranthene	19.12	202	2505m >	0.033	ng/ul	
17) Pyrene	19.49	202	1967	0.029	ng/ul#	74

JU 06/18/19

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