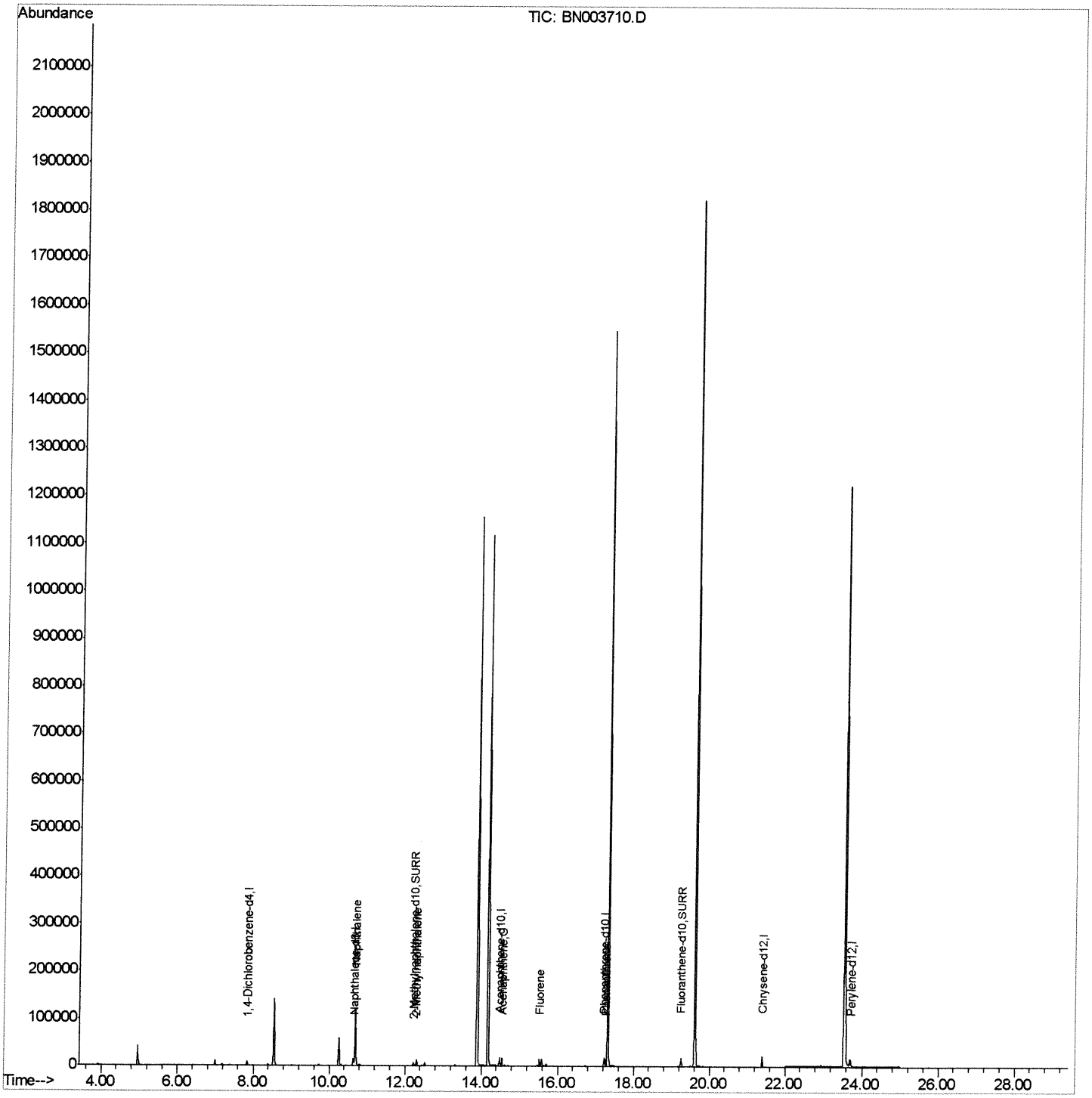
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120518\
Data File : BN003710.D
Acq On : 05 Dec 2018 14:15
Operator : JU/SJ
Sample : J6170-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 05 16:02:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 05 12:03:03 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9M00

Manual Integrations APPROVED
mohammad
12/6/2018 3:58:13 PM



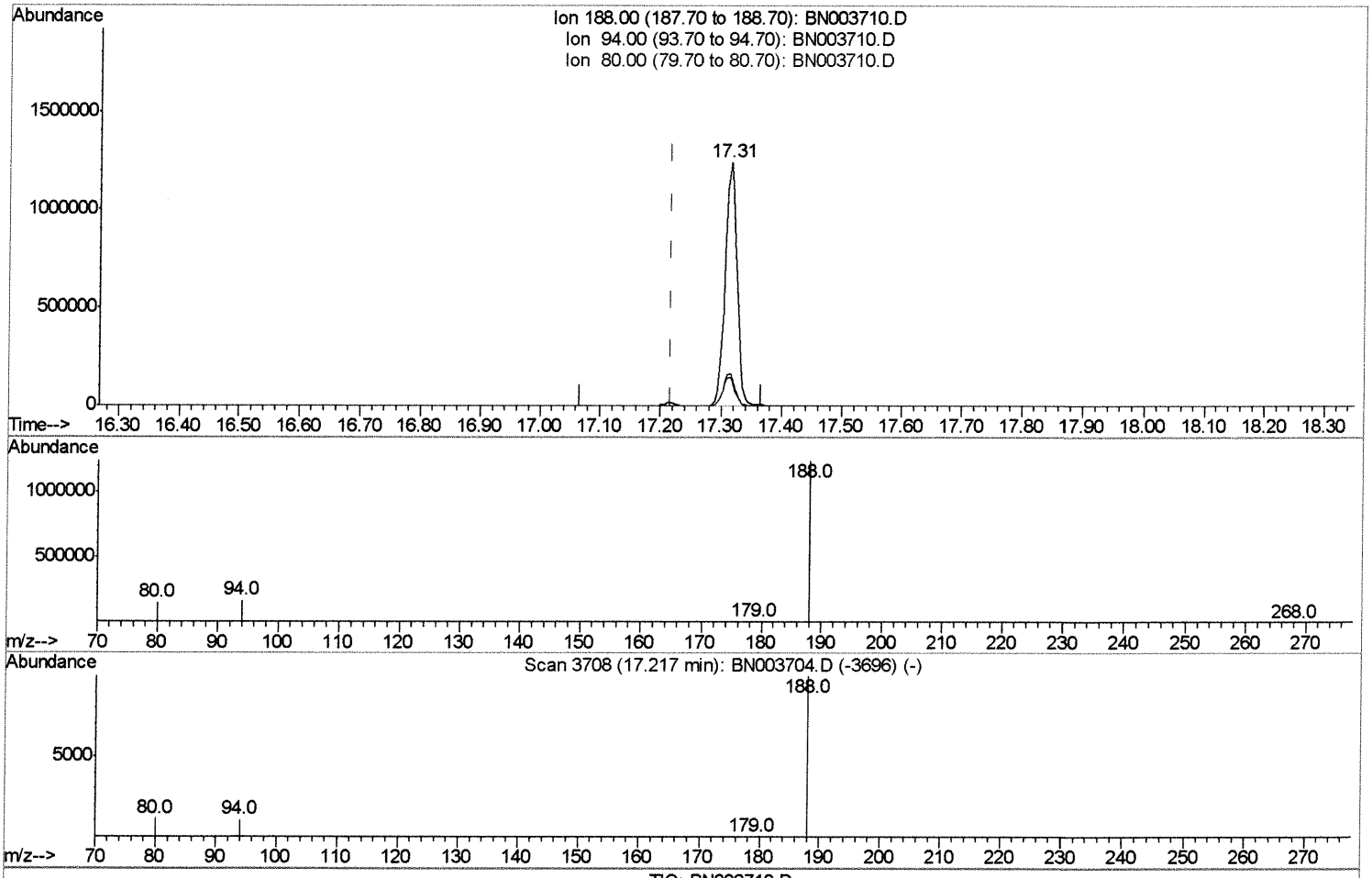
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120518\
Data File : BN003710.D
Acq On : 05 Dec 2018 14:15
Operator : JU/SJ
Sample : J6170-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 05 15:59:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 05 12:03:03 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9M00

Manual Integrations APPROVED
mohammad
12/6/2018 3:58:13 PM



TIC: BN003710.D

(10) Phenanthrene-d10 (I)

17.314min (+0.097) 0.40ng/ul

response 1689221

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	13.13#
80.00	11.60	11.71
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 05 Dec 2018 14:15
Operator : JU/SJ
Sample : J6170-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

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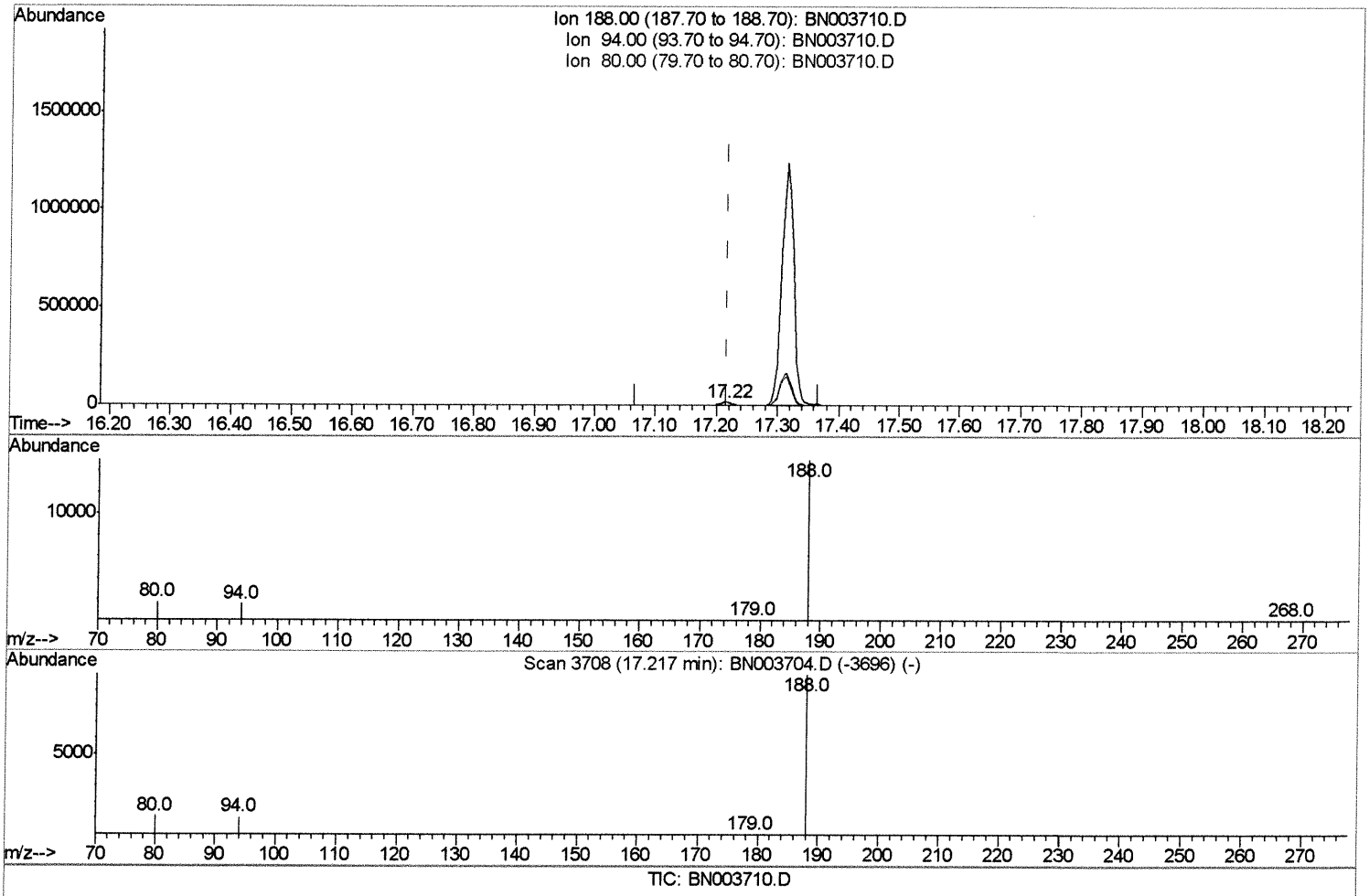
QLast Update : Wed Dec 05 12:03:03 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9M00

Manual Integrations APPROVED
mohammad
12/6/2018 3:58:13 PM



TIC: BN003710.D

(10) Phenanthrene-d10 (I)

17.217min (+0.000) 0.40ng/ul m >

SJ 12/11/18

response 22086

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	10.53
80.00	11.60	11.57
0.00	0.00	0.00

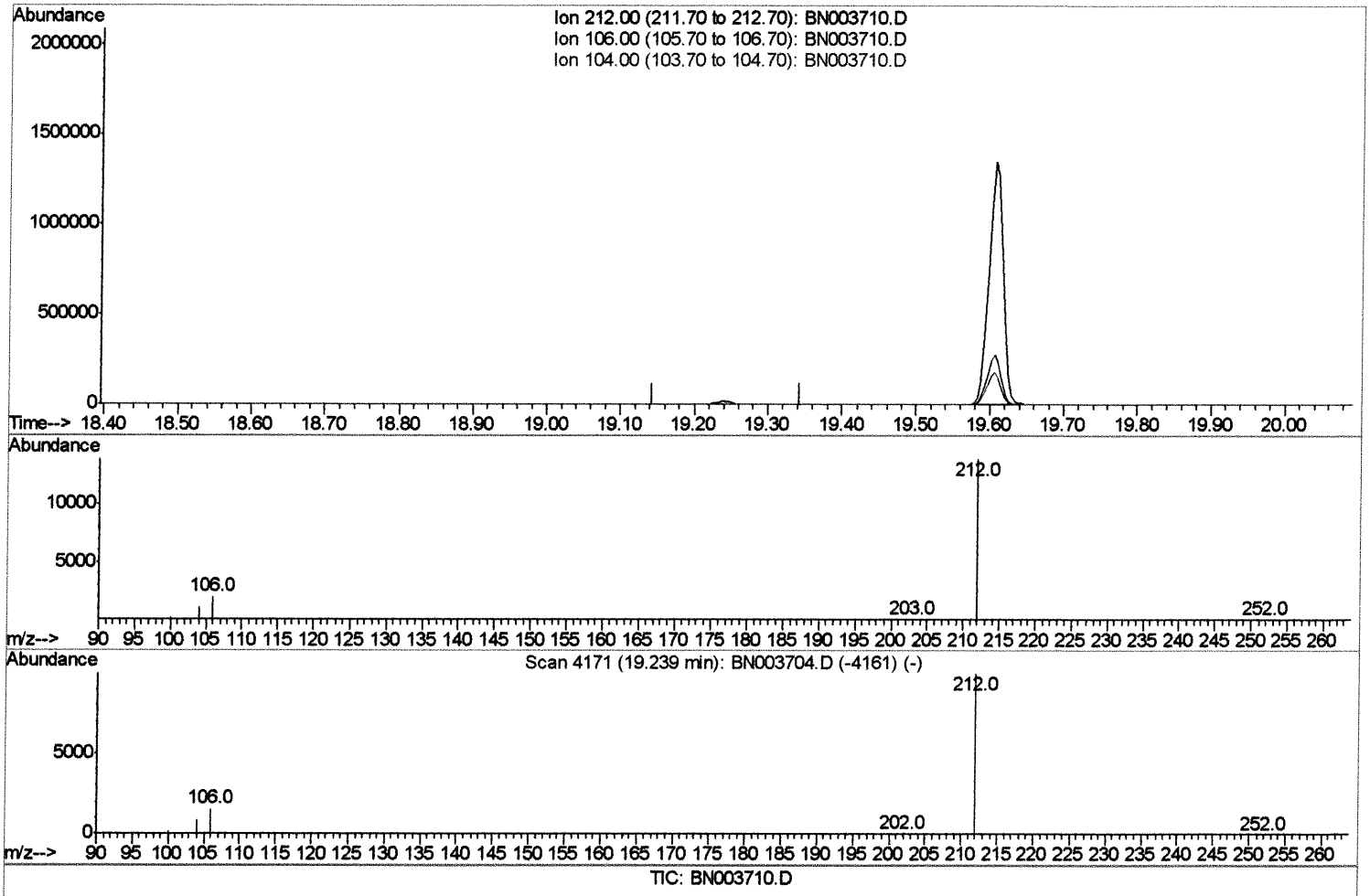
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120518\
Data File : BN003710.D
Acq On : 05 Dec 2018 14:15
Operator : JU/SJ
Sample : J6170-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 05 16:01:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 05 12:03:03 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9M00

Manual Integrations APPROVED
mohammad
12/6/2018 3:58:13 PM



(14) Fluoranthene-d10 (SURR)

19.244min (-19.244) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	14.20	0.00#
104.00	8.00	0.00#
0.00	0.00	0.00

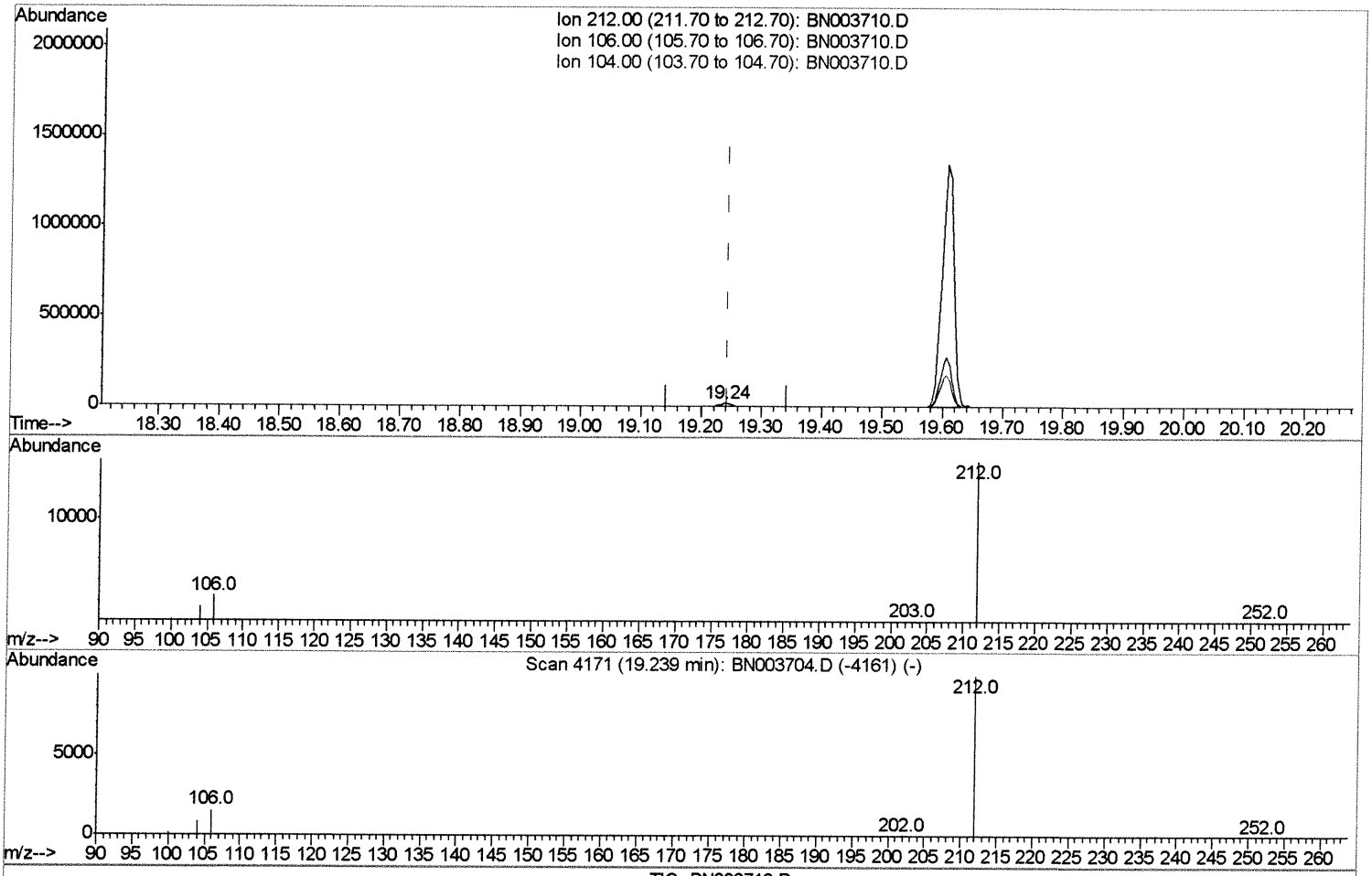
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120518\
Data File : BN003710.D
Acq On : 05 Dec 2018 14:15
Operator : JU/SJ
Sample : J6170-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 05 16:01:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 05 12:03:03 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9M00

Manual Integrations APPROVED
mohammad
12/6/2018 3:58:13 PM



TIC: BN003710.D

(14) Fluoranthene-d10 (SURR)

19.239min (-0.005) 0.32ng/ul m

response 20907

Ion	Exp%	Act%
212.00	100	100
106.00	14.20	0.00#
104.00	8.00	0.00#
0.00	0.00	0.00

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Quantitation Report (Qedit)

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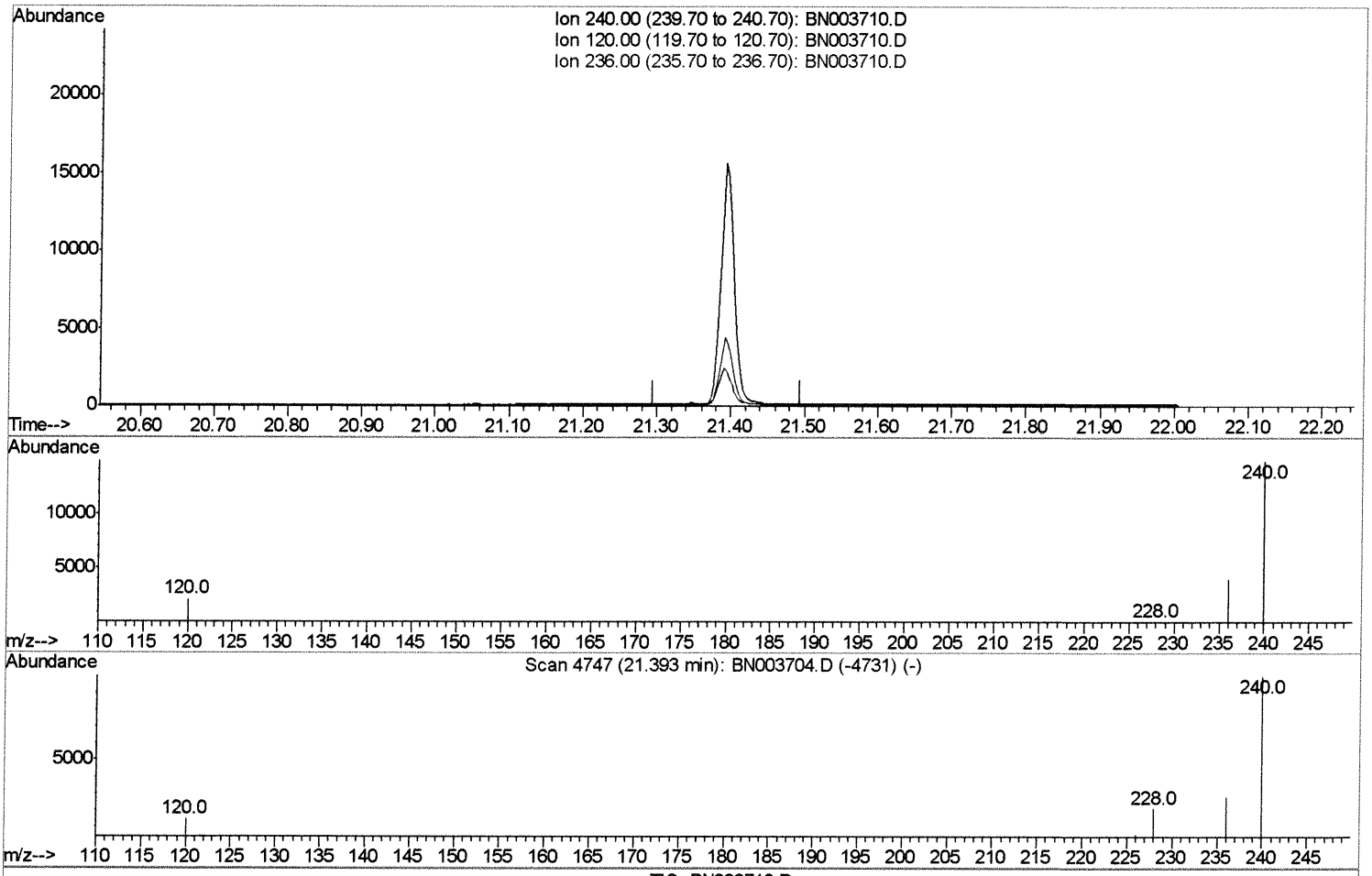
Data File : BN003710.D
Acq On : 05 Dec 2018 14:15
Operator : JU/SJ
Sample : J6170-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 05 16:01:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 05 12:03:03 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9M00

Manual Integrations APPROVED
mohammad
12/6/2018 3:58:13 PM



TIC: BN003710.D

(16) Chrysene-d12 (I)

21.396min (-21.396) 0.00ng/ul

response 0

Ion	Exp%	Act%
240.00	100	0.00
120.00	14.00	0.00#
236.00	27.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120518\
Data File : BN003710.D
Acq On : 05 Dec 2018 14:15
Operator : JU/SJ
Sample : J6170-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 05 16:01:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 05 12:03:03 2018
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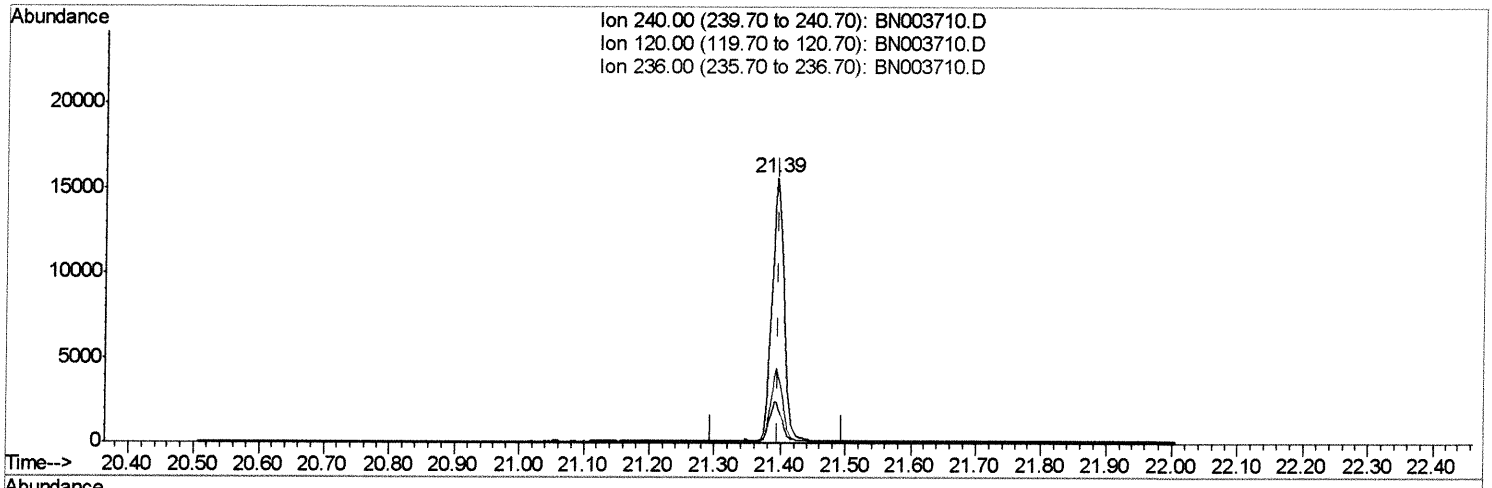
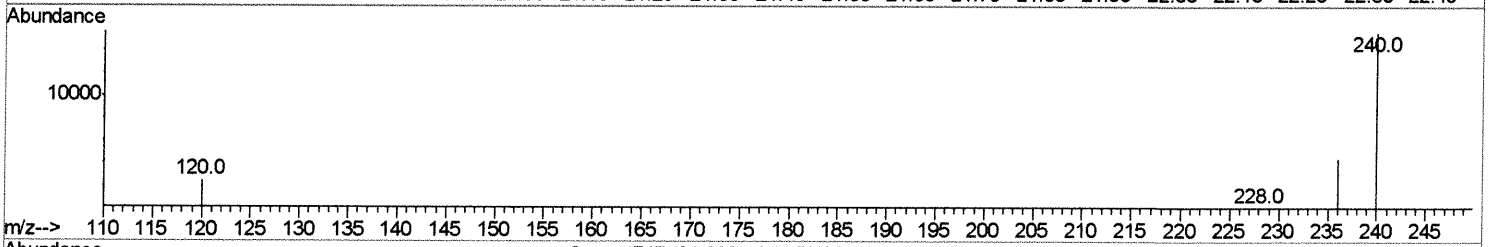
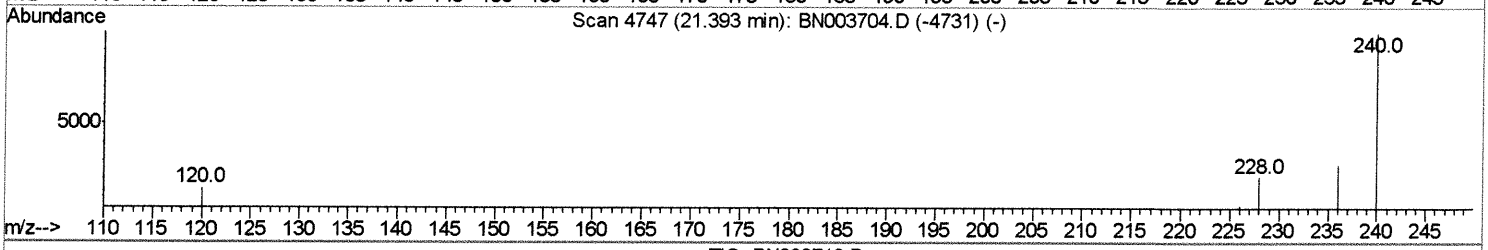
Instrument :
BNA_N
ClientSampleId :
F9M00

Manual Integrations APPROVED
mohammad
12/6/2018 3:58:13 PM







TIC: BN003710.D

(16) Chrysene-d12 (I)

21.393min (-0.003) 0.40ng/ul m > SJ 12/11/18

response 20069

Ion	Exp%	Act%
240.00	100	100
120.00	14.00	15.64
236.00	27.60	28.15
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Instrument :
BNA_N
ClientSampleId :
F9M00

Manual Integrations APPROVED
mohammad
12/6/2018 3:58:13 PM

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120518\
Data File : BN003710.D
Acq On : 05 Dec 2018 14:15
Operator : JU/SJ
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	4536	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	18607	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	10488	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	22086m>	0.40	ng/ul	0.00
16) Chrysene-d12	21.39	240	20069m>	0.40	ng/ul	0.00
20) Perylene-d12	23.70	264	22541	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	8907	0.31	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	20907m>	0.32	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.68	128	158007	3.023	ng/ul	100
5) 2-Methylnaphthalene	12.29	142	9859	0.270	ng/ul	99
8) Acenaphthene	14.53	153	8993	0.217	ng/ul	99
9) Fluorene	15.52	166	9735	0.202	ng/ul	99
12) Phenanthrene	17.25	178	14764	0.204	ng/ul	99

SJ 12/11/18

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