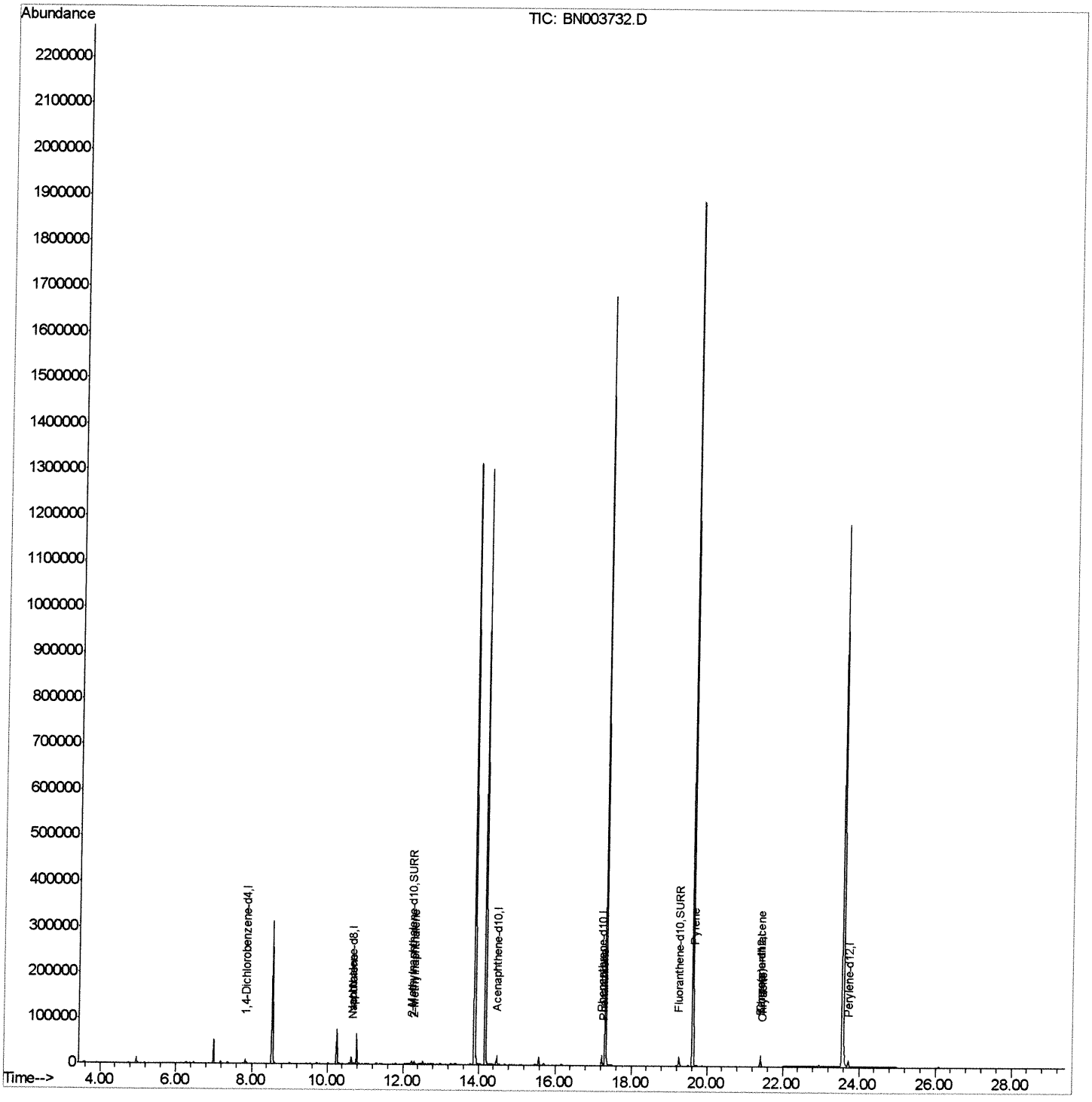
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120618\
Data File : BN003732.D
Acq On : 06 Dec 2018 15:54
Operator : JU/SJ
Sample : J6077-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 06 16:35:34 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 : Thu Dec 06 15:44:10 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9Y35

Manual Integrations APPROVED
mohammad
12/10/2018 12:20:04 PM



Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120618\
Data File : BN003732.D
Acq On : 06 Dec 2018 15:54
Operator : JU/SJ
Sample : J6077-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 06 16:28:26 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 : Thu Dec 06 15:44:10 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
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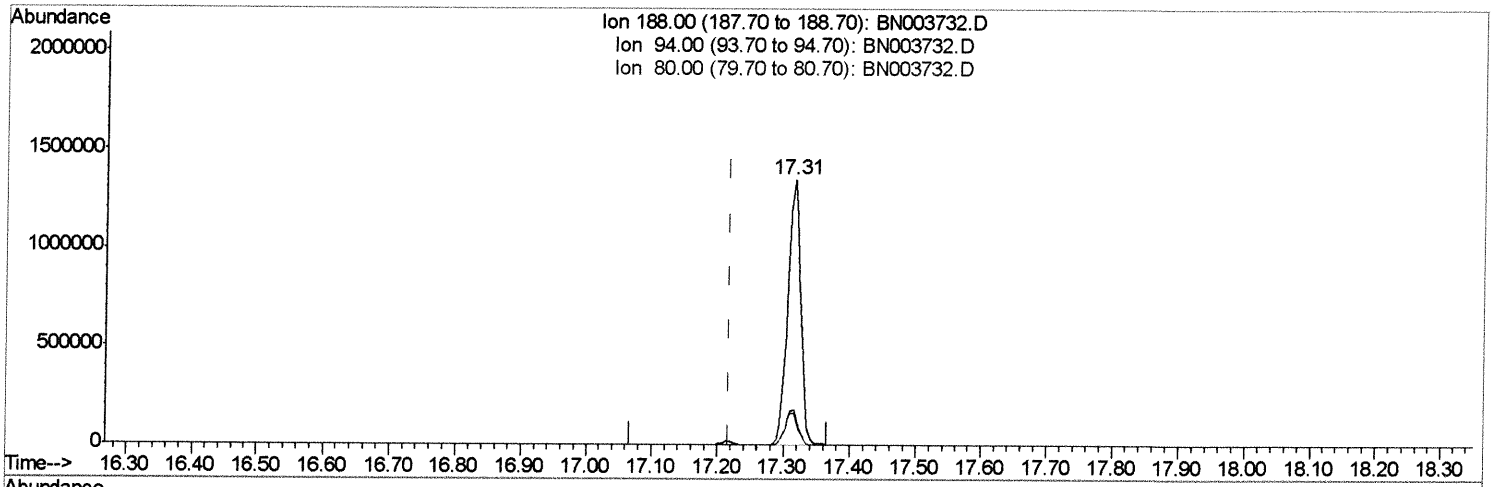
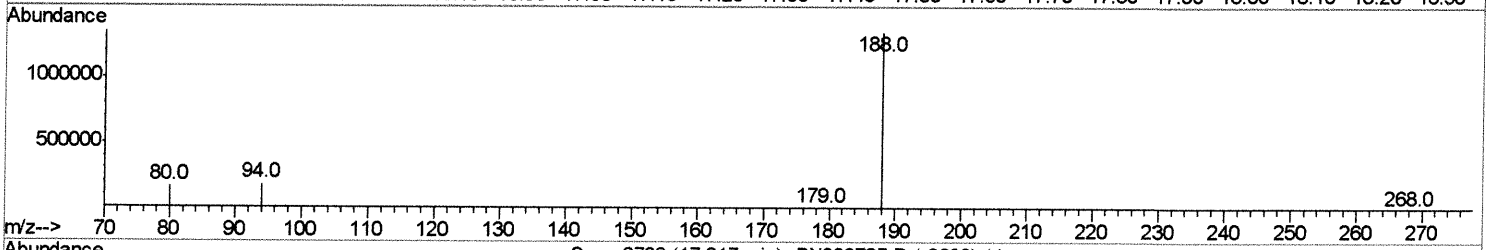
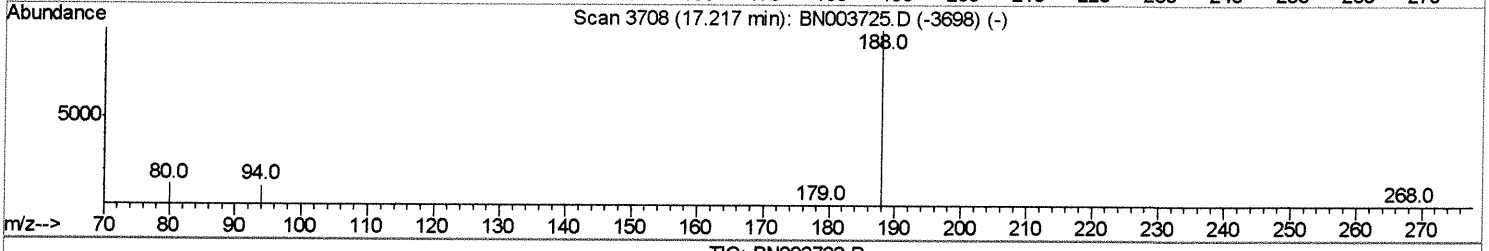
Manual Integrations APPROVED
mohammad
12/10/2018 12:20:04 PM







TIC: BN003732.D

(10) Phenanthrene-d10 (I)

17.314min (+0.097) 0.40ng/ul

response 1833291

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	13.17#
80.00	11.60	11.71
0.00	0.00	0.00

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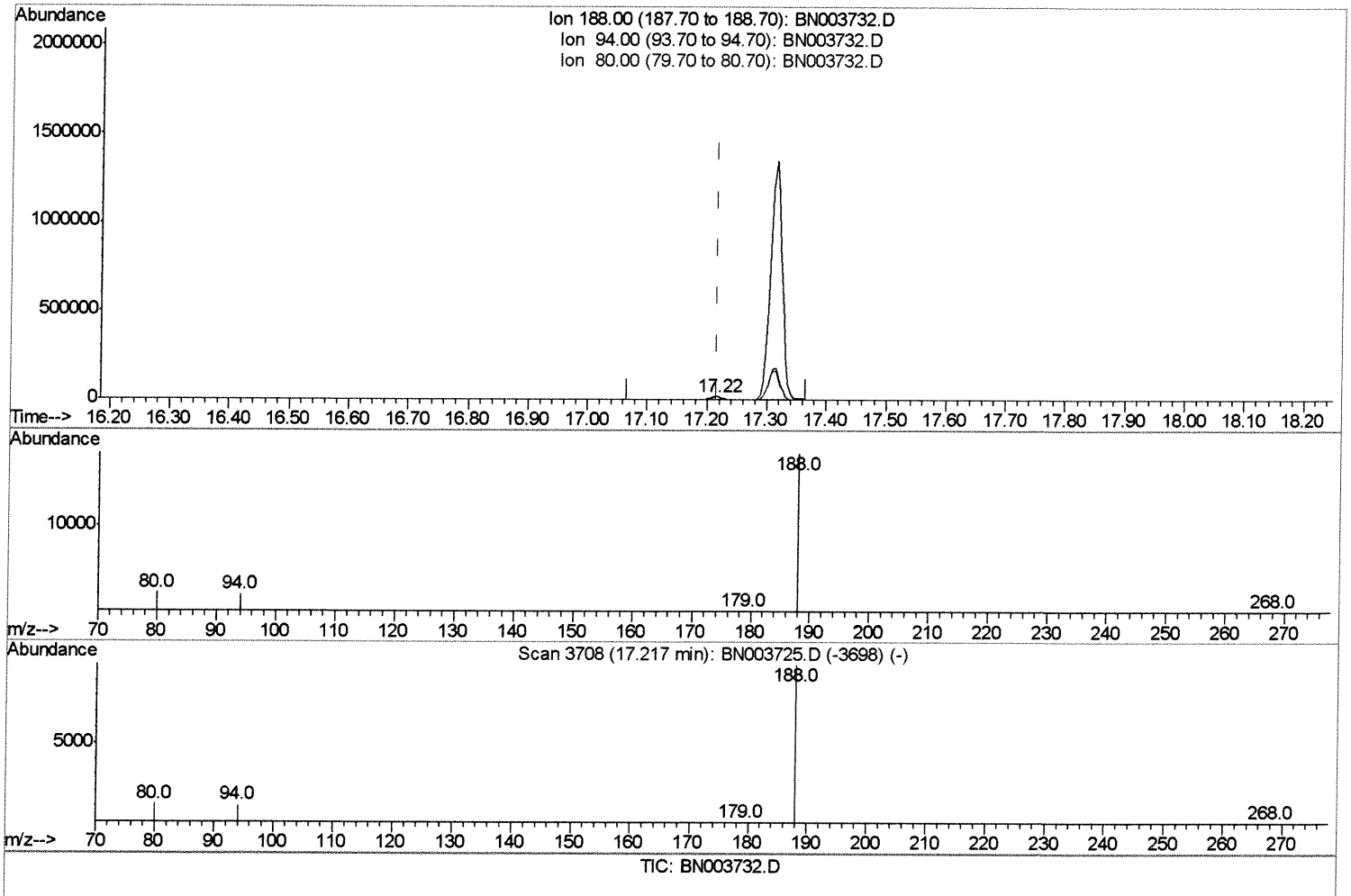
Manual Integrations APPROVED
mohammad
12/10/2018 12:20:04 PM



(10) Phenanthrene-d10 (I)

17.217min (+0.000) 0.40ng/ul m SJ 12/11/18

response 25084

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	10.58
80.00	11.60	11.72
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120618\
Data File : BN003732.D
Acq On : 06 Dec 2018 15:54
Operator : JU/SJ
Sample : J6077-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 06 16:33:12 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 : Thu Dec 06 15:44:10 2018
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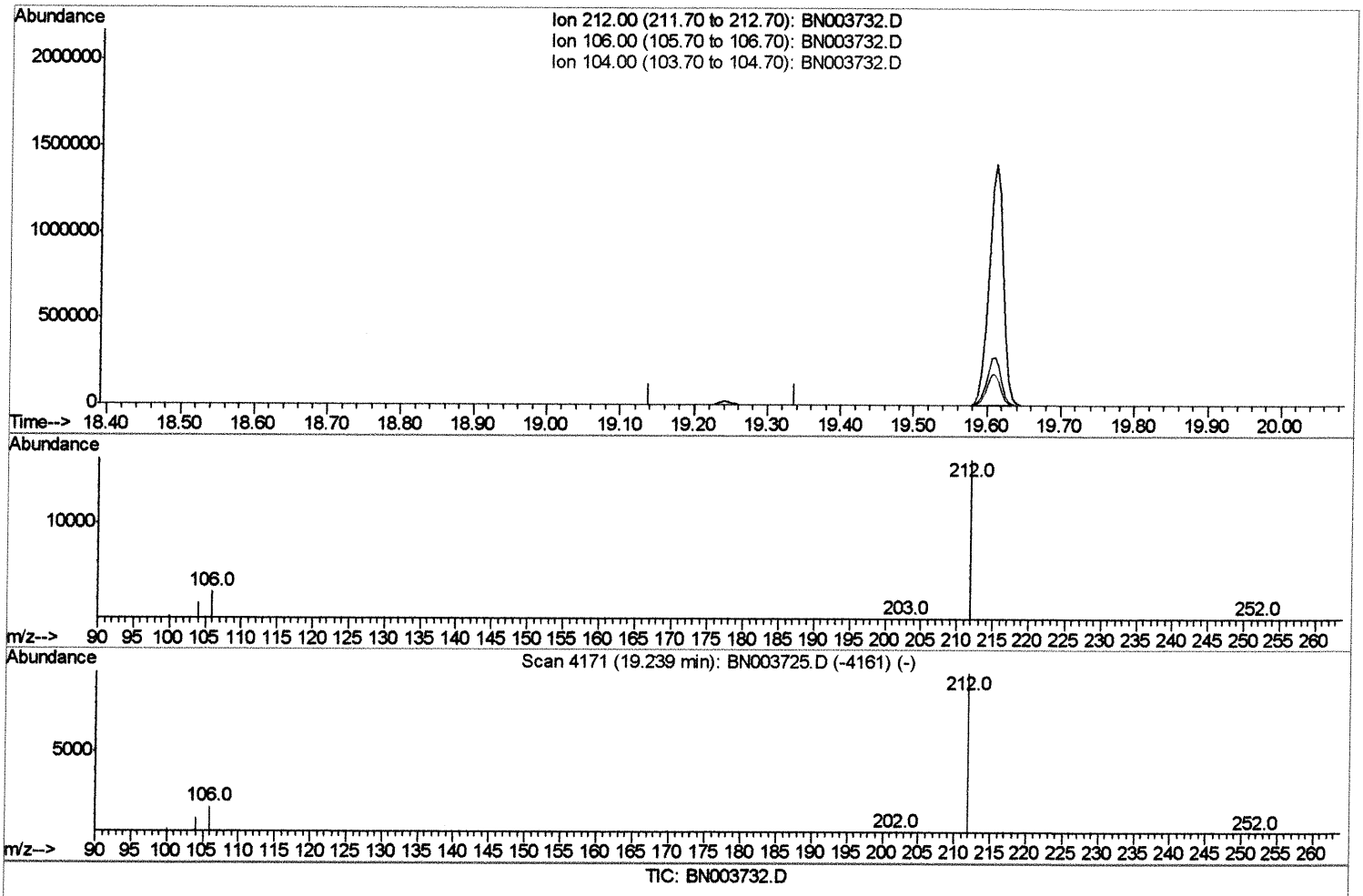
Instrument :
BNA_N
ClientSampleId :
F9Y35

Manual Integrations APPROVED
mohammad
12/10/2018 12:20:04 PM



TIC: BN003732.D

(14) Fluoranthene-d10 (SURR)

19.239min (-19.239) 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

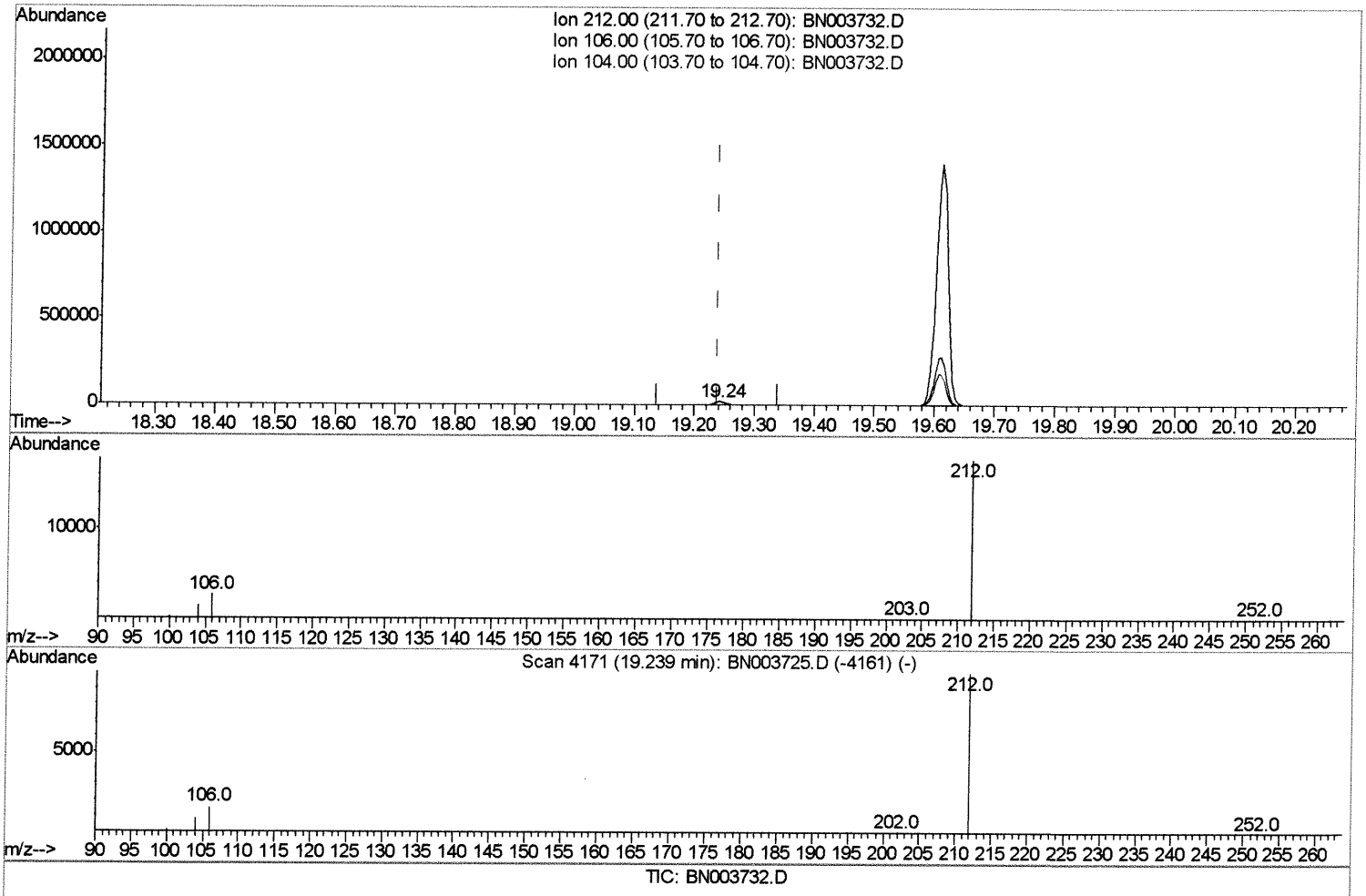
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120618\
Data File : BN003732.D
Acq On : 06 Dec 2018 15:54
Operator : JU/SJ
Sample : J6077-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 06 16:33:12 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 : Thu Dec 06 15:44:10 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9Y35

Manual Integrations APPROVED
mohammad
12/10/2018 12:20:04 PM



(14) Fluoranthene-d10 (SURR)

19.244min (+0.005) 0.33ng/ul m > SJ 12/11/18

response 24061

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

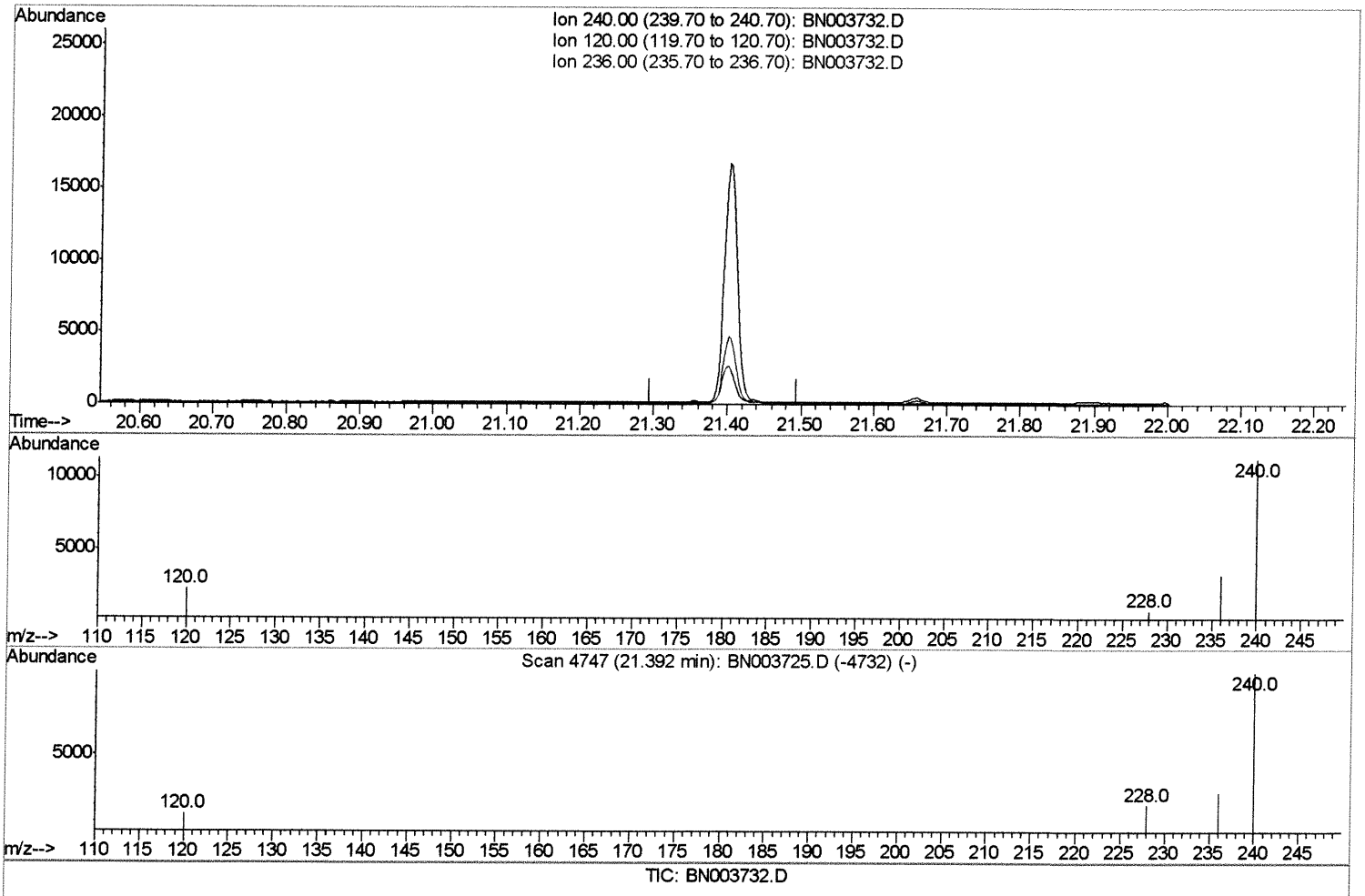
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120618\
Data File : BN003732.D
Acq On : 06 Dec 2018 15:54
Operator : JU/SJ
Sample : J6077-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 06 16:33:12 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 : Thu Dec 06 15:44:10 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9Y35

Manual Integrations APPROVED
mohammad
12/10/2018 12:20:04 PM



TIC: BN003732.D

(16) Chrysene-d12 (I)

21.395min (-21.395) 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\BN120618\
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Acq On : 06 Dec 2018 15:54
Operator : JU/SJ
Sample : J6077-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 06 16:33:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
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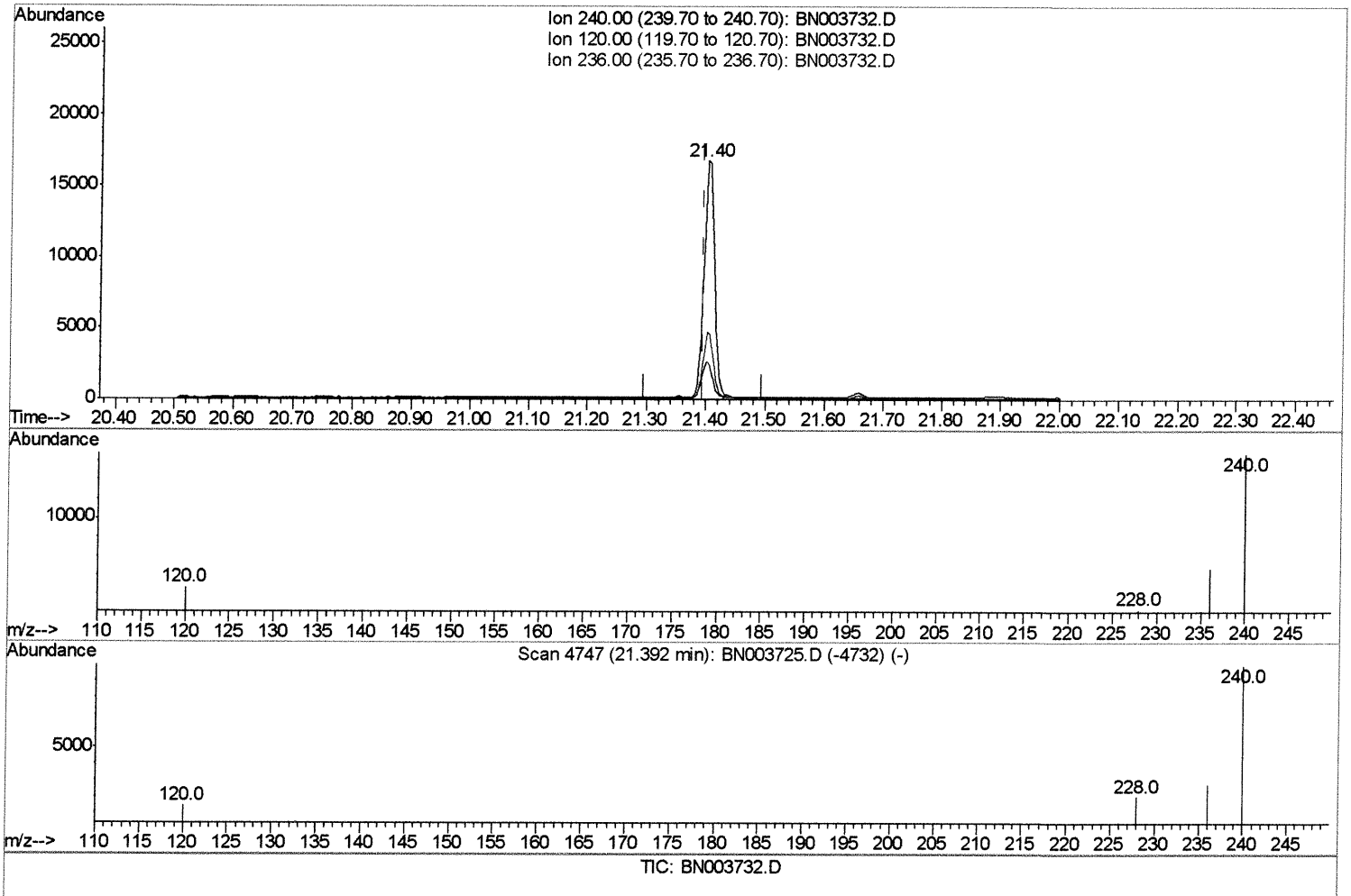
Instrument :
BNA_N
ClientSampleId :
F9Y35

Manual Integrations APPROVED
mohammad
12/10/2018 12:20:04 PM



TIC: BN003732.D

(16) Chrysene-d12 (I)

21.401min (+0.006) 0.40ng/ul m) SJ 12/11/18

response 20770

Ion	Exp%	Act%
240.00	100	100
120.00	14.00	16.13
236.00	27.60	28.37
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120618\
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Acq On : 06 Dec 2018 15:54
Operator : JU/SJ
Sample : J6077-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9Y35

Manual Integrations APPROVED
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12/10/2018 12:20:04 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	5008	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	20578	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	11660	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	25084m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	20770m	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	21275	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	11050	0.35	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	24061m	0.33	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.68	128	2605	0.045	ng/ul#	86
5) 2-Methylnaphthalene	12.29	142	4757	0.118	ng/ul	98
12) Phenanthrene	17.25	178	3269	0.040	ng/ul	94
17) Pyrene	19.64	202	2349	0.032	ng/ul#	84
18) Benzo(a)anthracene	21.39	228	1569	0.024	ng/ul#	91
19) Chrysene	21.44	228	1651	0.022	ng/ul#	94

SJ 12/11/18

SJ 12/11/18

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