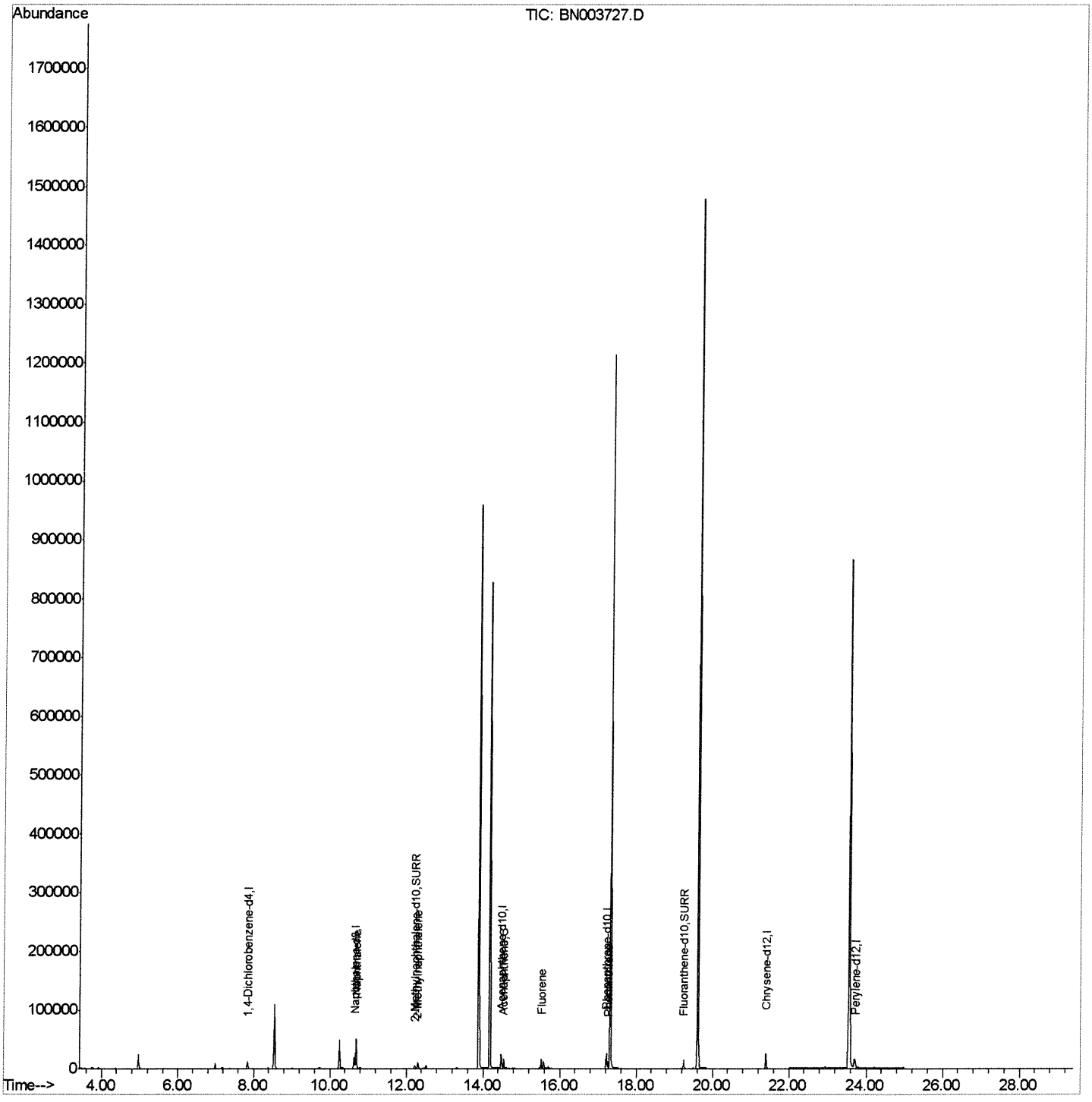
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120518\
Data File : BN003727.D
Acq On : 06 Dec 2018 10:18
Operator : JU/SJ
Sample : J6170-09DL 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 06 11:34:46 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 02:51:43 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9M02DL

Manual Integrations APPROVED
mohammad
12/6/2018 3:58:53 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120518\
Data File : BN003727.D
Acq On : 06 Dec 2018 10:18
Operator : JU/SJ
Sample : J6170-09DL 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 06 11:31:53 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 02:51:43 2018
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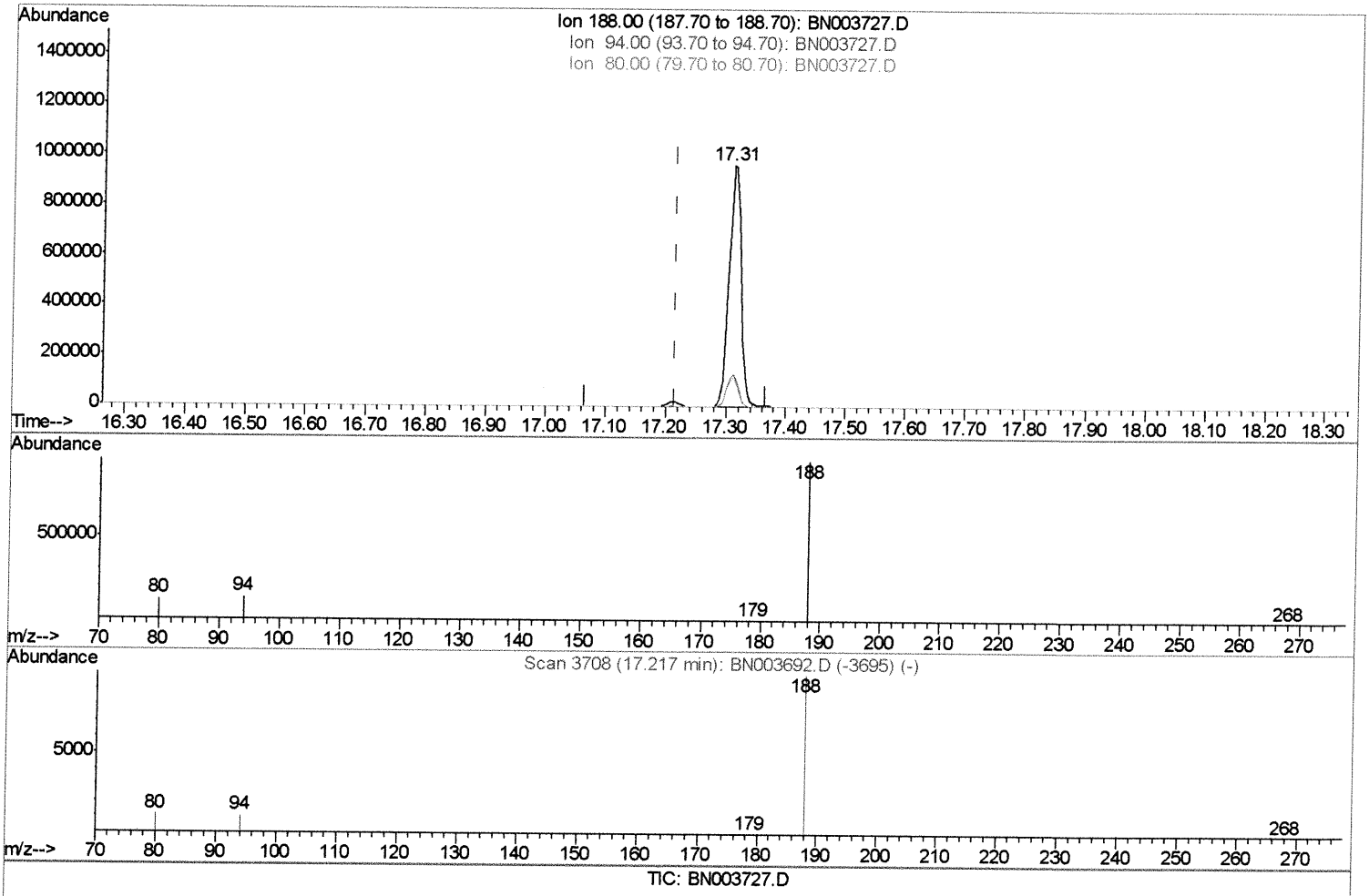
Manual Integrations APPROVED
mohammad
12/6/2018 3:58:53 PM



TIC: BN003727.D

(10) Phenanthrene-d10 (I)

17.310min (+0.093) 0.40ng/ul

response 1337110

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	13.73#
80.00	11.60	12.48
0.00	0.00	0.00

Quantitation Report (Qedit)

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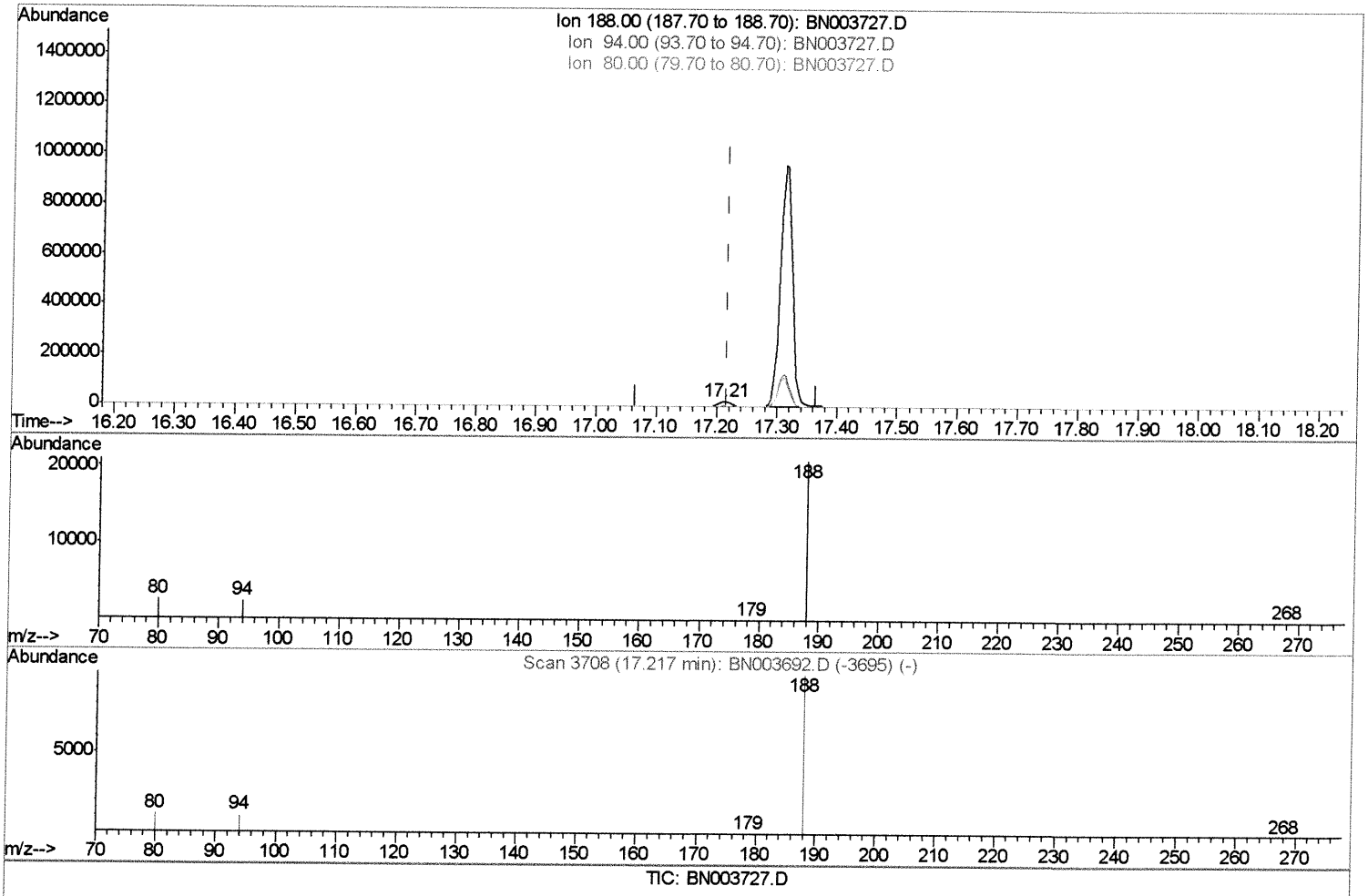
Manual Integrations APPROVED
mohammad
12/6/2018 3:58:53 PM



TIC: BN003727.D

(10) Phenanthrene-d10 (I)

17.213min (-0.004) 0.40ng/ul m

response 29053

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	11.30
80.00	11.60	12.47
0.00	0.00	0.00

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12/11/18

Quantitation Report (Qedit)

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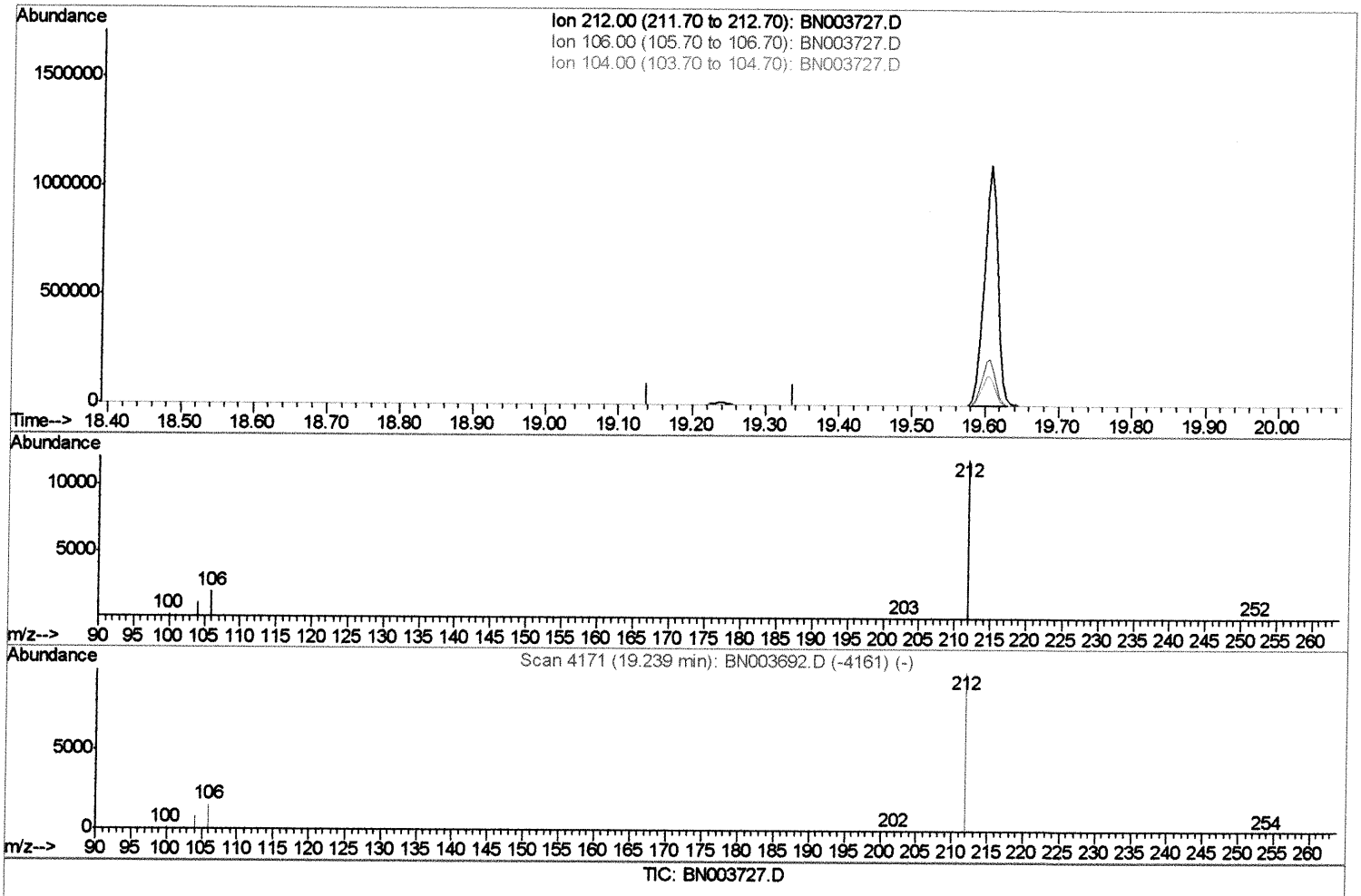
Data File : BN003727.D
Acq On : 06 Dec 2018 10:18
Operator : JU/SJ
Sample : J6170-09DL 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 06 11:32:48 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 02:51:43 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9M02DL

Manual Integrations APPROVED
mohammad
12/6/2018 3:58:53 PM



(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\BN120518\
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Operator : JU/SJ
Sample : J6170-09DL 2X
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ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 06 11:32:48 2018
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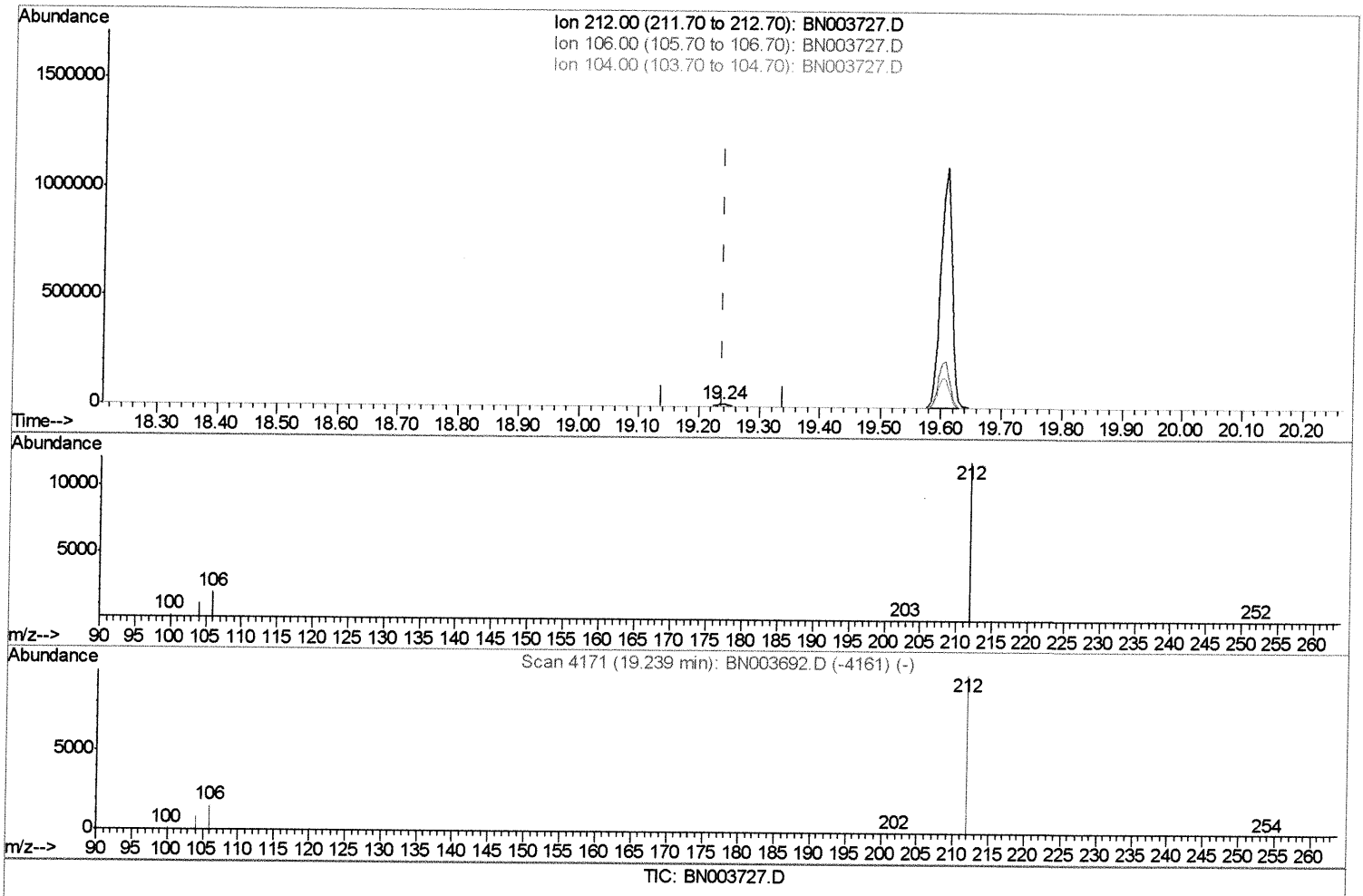
BNA_N
ClientSampleId :
F9M02DL

Manual Integrations APPROVED
mohammad
12/6/2018 3:58:53 PM



TIC: BN003727.D

(14) Fluoranthene-d10 (SURR)

19.239min (+0.000) 0.19ng/ul m

response 16261

SJ 12/11/18

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)

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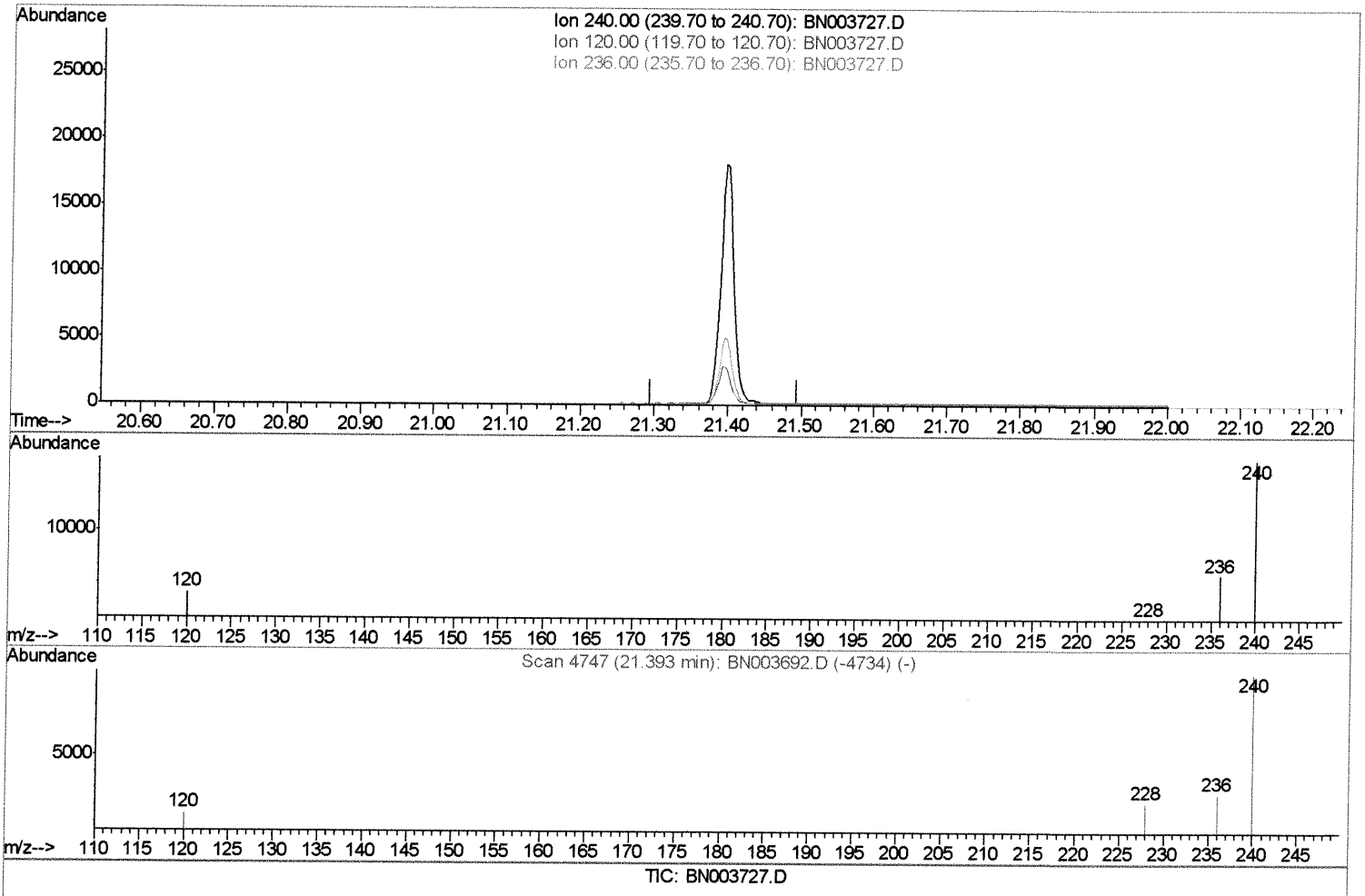
F9M02DL

Manual Integrations APPROVED
mohammad
12/6/2018 3:58:53 PM



TIC: BN003727.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)

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ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 06 11:32:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
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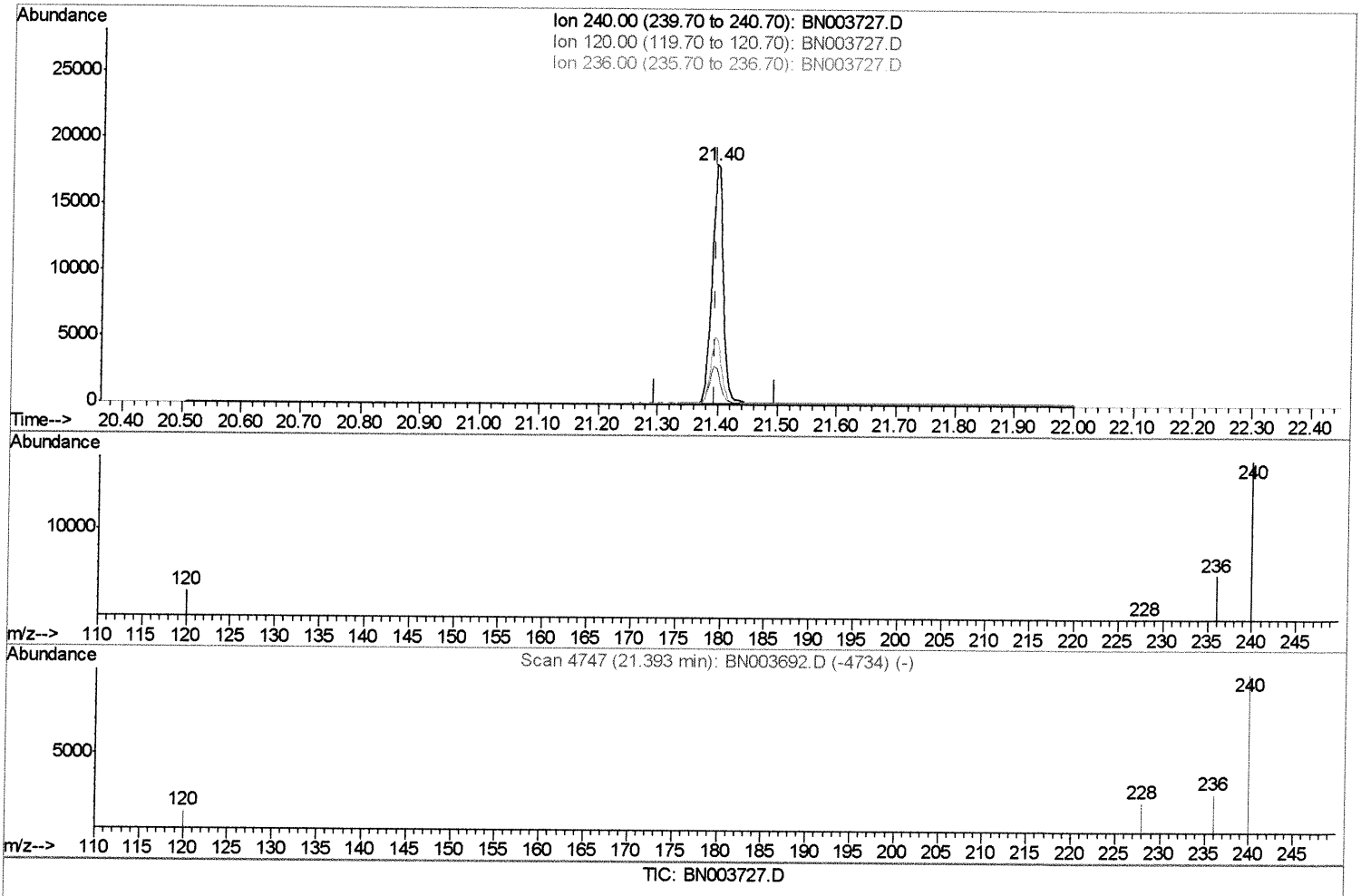
Instrument :
BNA_N
ClientSampleId :
F9M02DL

Manual Integrations APPROVED
mohammad
12/6/2018 3:58:53 PM



TIC: BN003727.D

(16) Chrysene-d12 (I)

21.396min (+0.000) 0.40ng/ul m

response 23546

Ion	Exp%	Act%
240.00	100	100
120.00	14.00	16.12
236.00	27.60	28.11
0.00	0.00	0.00

SJ
12/11/18

Quantitation Report (QT Reviewed)

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Manual Integrations APPROVED
mohammad
12/6/2018 3:58:53 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	6395	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	25572	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	13819	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	29053m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	23546m	0.40	ng/ul	0.00
20) Perylene-d12	23.71	264	23826	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	6995	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	16261m	0.19	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.68	128	69187	0.963	ng/ul	99
5) 2-Methylnaphthalene	12.29	142	7134	0.142	ng/ul	100
8) Acenaphthene	14.53	153	9286	0.170	ng/ul	99
9) Fluorene	15.52	166	10379	0.163	ng/ul	99
12) Phenanthrene	17.25	178	12363	0.130	ng/ul	99

SJ 12/11/18

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