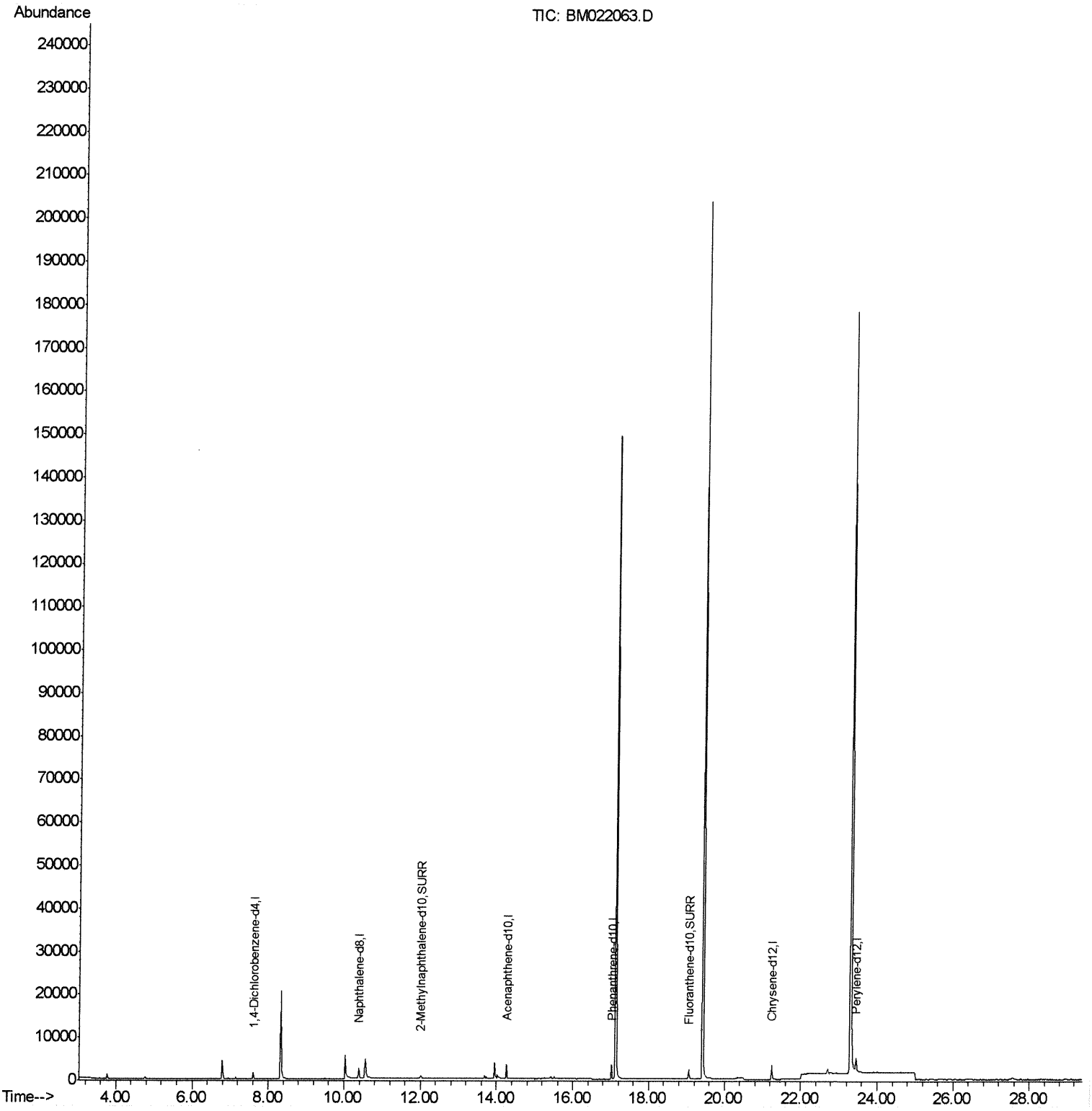
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022063.D
Acq On : 13 Aug 2019 10:51
Operator : HP/JU
Sample : K4117-10
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Aug 13 17:19:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 13 08:25:01 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
JLLF8

Manual Integrations APPROVED
mohammad
8/14/2019 2:48:58 AM



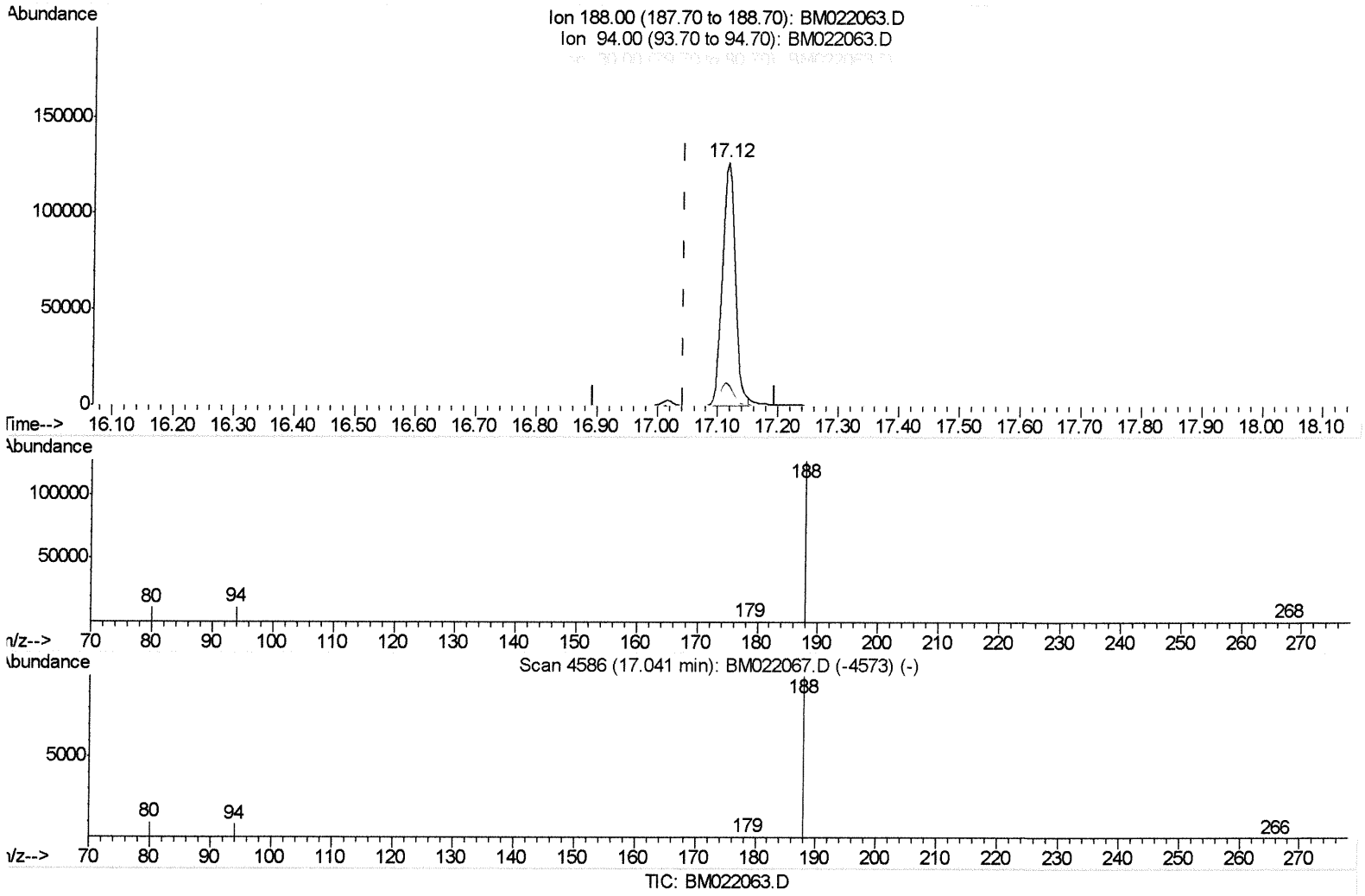
Quantitation Report (Quan)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022063.D
Acq On : 13 Aug 2019 10:51
Operator : HP/JU
Sample : K4117-10
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Aug 13 17:10:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 13 08:25:01 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
JLLF8

Manual Integrations APPROVED
mohammad
8/14/2019 2:48:58 AM



TIC: BM022063.D

(10) Phenanthrene-d10 (I)

17.116min (+0.071) 0.40ng/ul

response 183320

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	9.17
80.00	11.40	8.67#
0.00	0.00	0.00

Quantitation Report (Quan)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022063.D
Acq On : 13 Aug 2019 10:51
Operator : HP/JU
Sample : K4117-10
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Aug 13 17:10:57 2019
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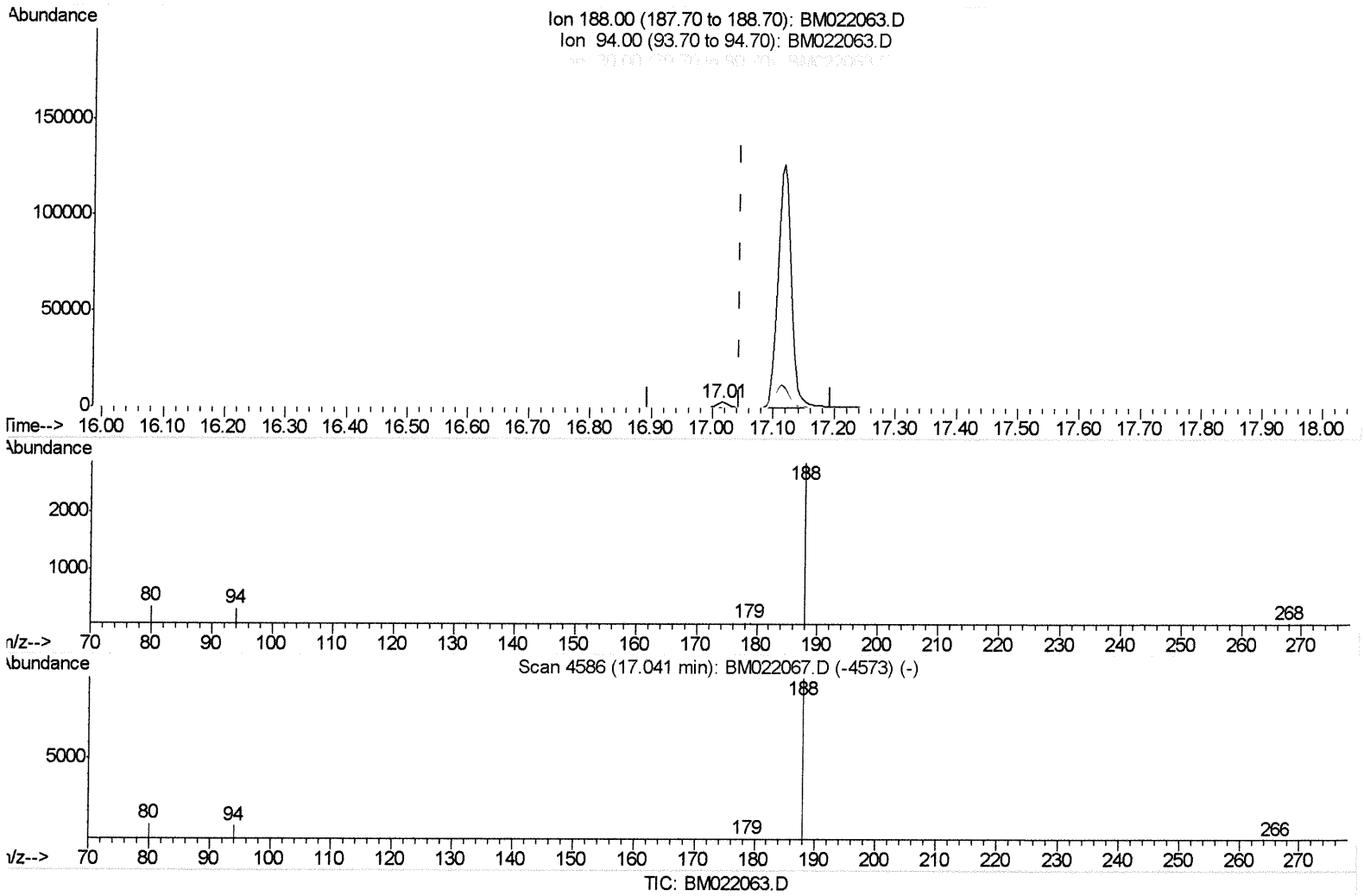
QLast Update : Tue Aug 13 08:25:01 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
JLLF8

Manual Integrations APPROVED
mohammad
8/14/2019 2:48:58 AM



TIC: BM022063.D

(10) Phenanthrene-d10 (I)

17.015min (-0.029) 0.40ng/ul m JU 08/14/19

response 4103

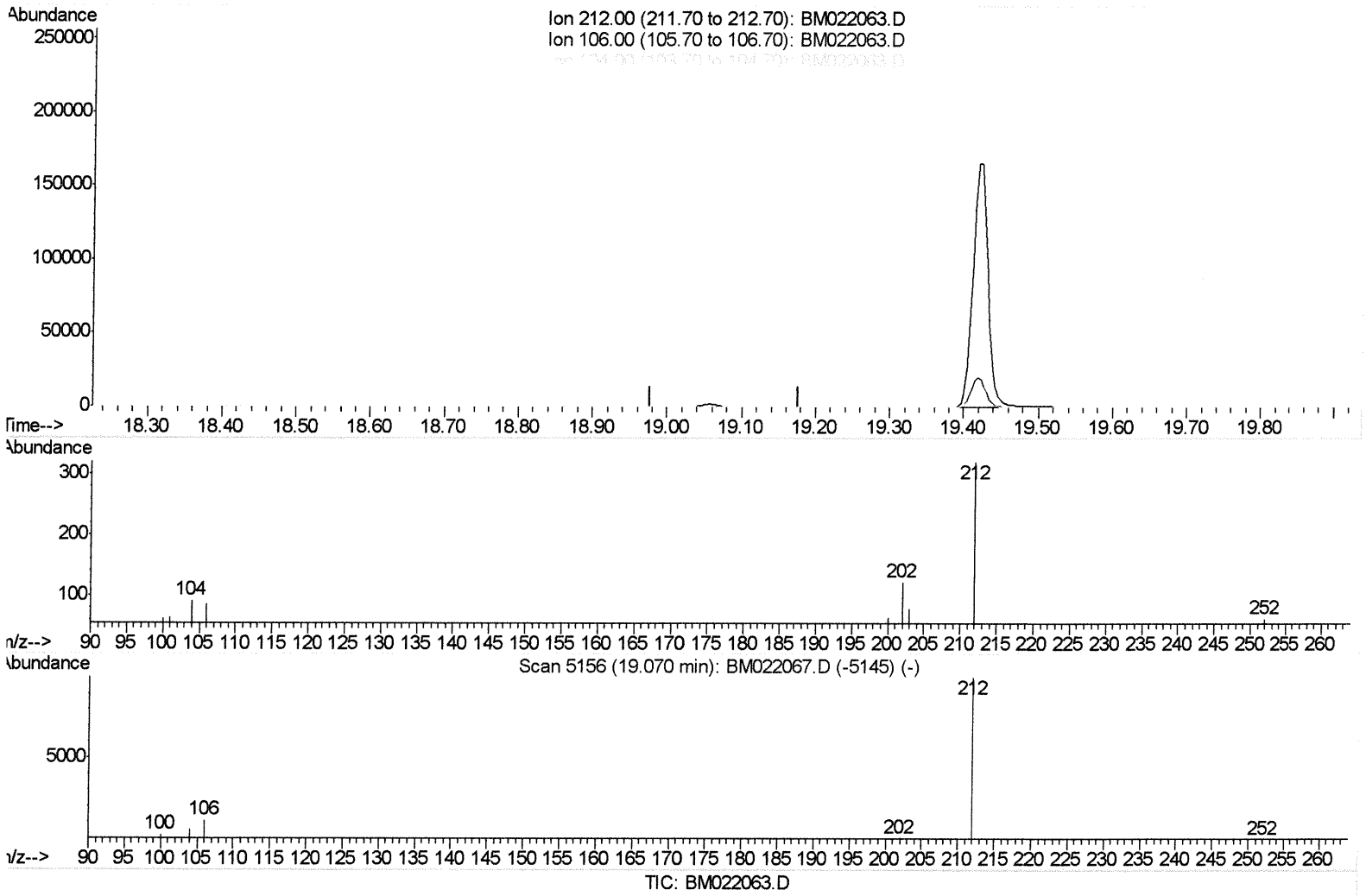
Ion	Exp%	Act%
188.00	100	100
94.00	10.40	10.46
80.00	11.40	12.04
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022063.D
Acq On : 13 Aug 2019 10:51
Operator : HP/JU
Sample : K4117-10
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Aug 13 17:15:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 13 08:25:01 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
JLLF8

Manual Integrations APPROVED
mohammad
8/14/2019 2:48:58 AM



TIC: BM022063.D

(14) Fluoranthene-d10 (SURR)

19.077min (-19.077) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	9.90	0.00#
104.00	6.00	0.00#
0.00	0.00	0.00

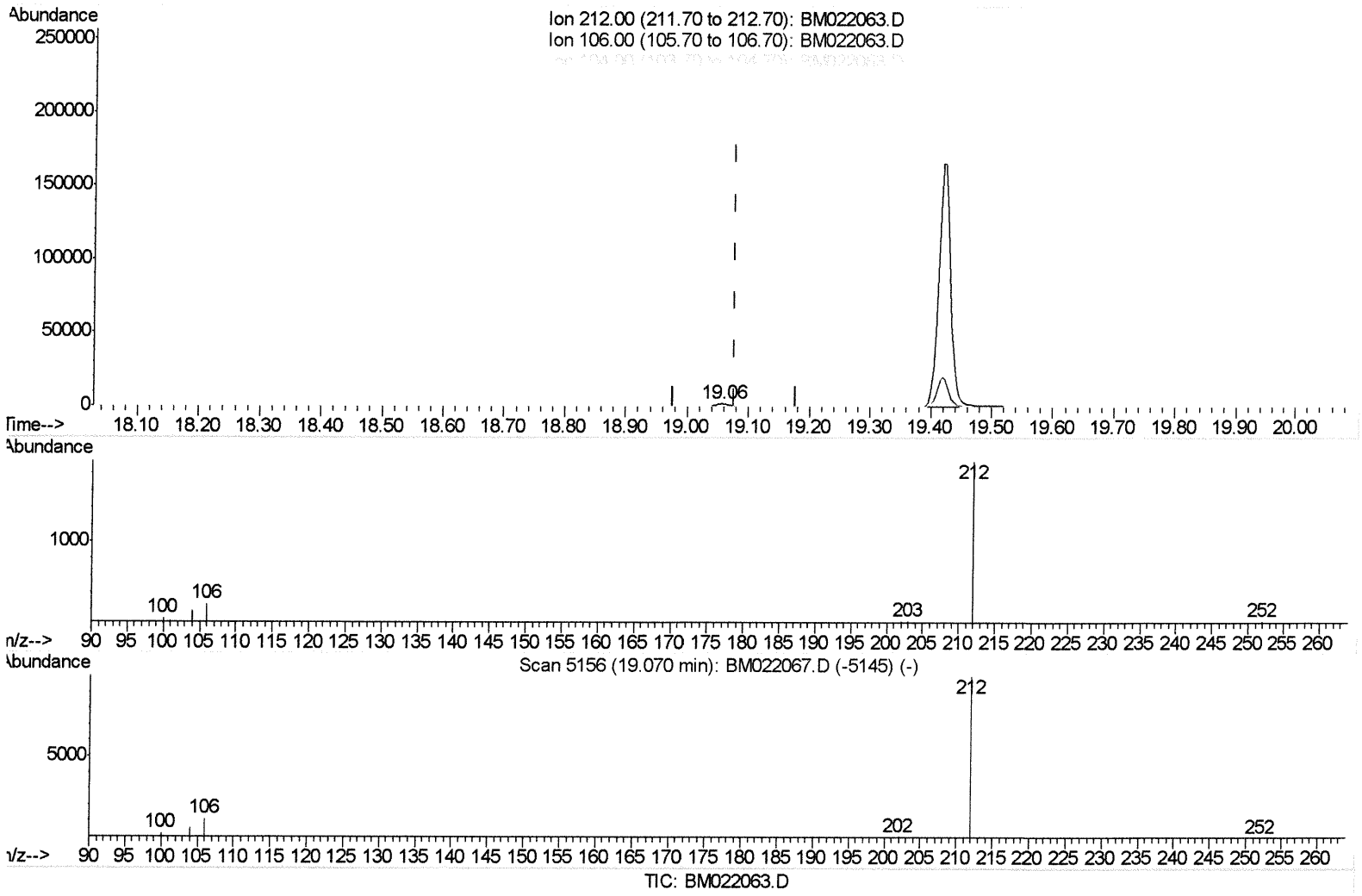
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022063.D
Acq On : 13 Aug 2019 10:51
Operator : HP/JU
Sample : K4117-10
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Aug 13 17:15:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 13 08:25:01 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
JLLF8

Manual Integrations APPROVED
mohammad
8/14/2019 2:48:58 AM



(14) Fluoranthene-d10 (SURR)

19.057min (-0.021) 0.21ng/ul m JU 08/14/19

response 2942

Ion	Exp%	Act%
212.00	100	100
106.00	9.90	0.00#
104.00	6.00	0.00#
0.00	0.00	0.00

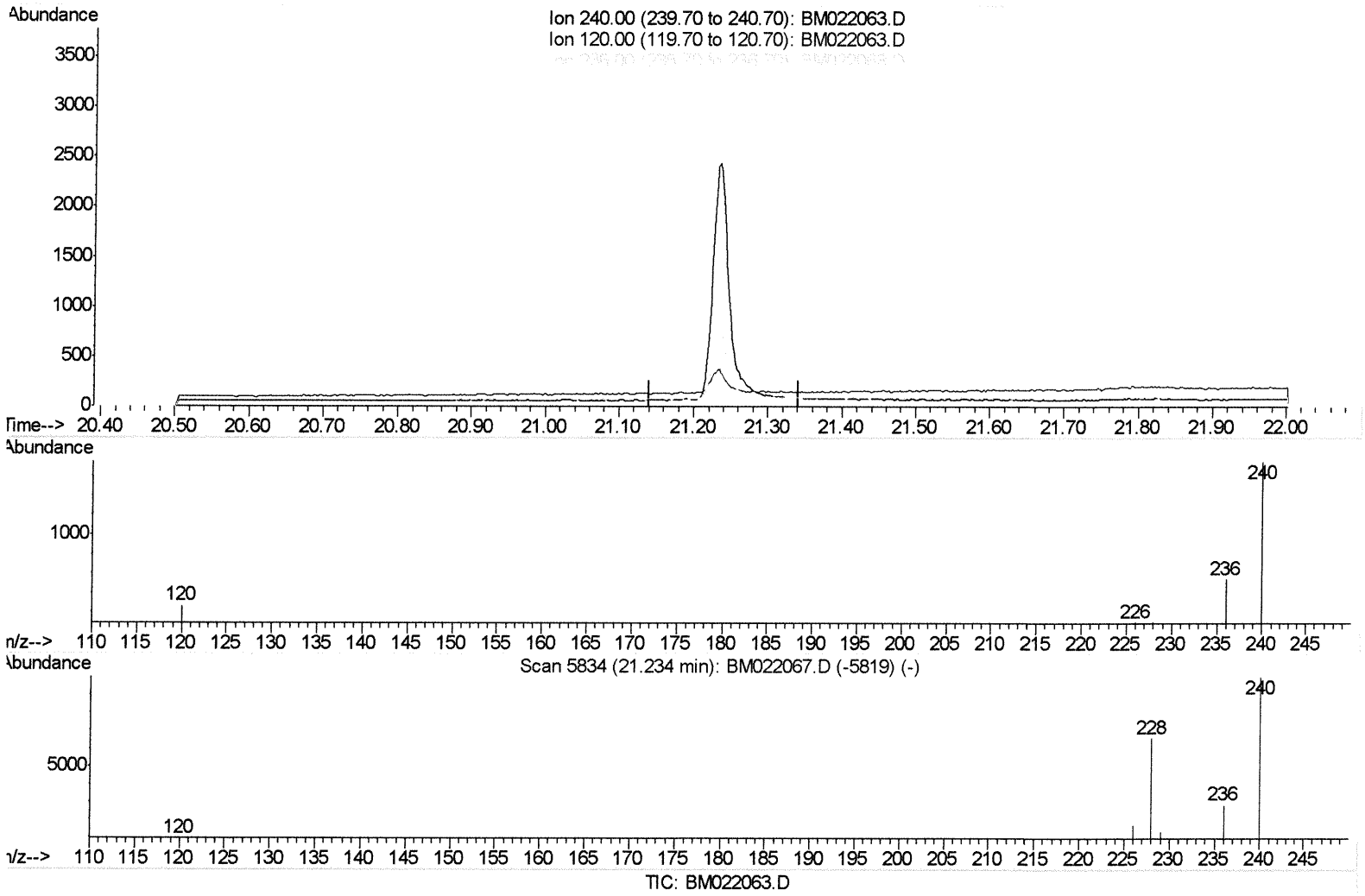
Quantitation Report (Quan)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022063.D
Acq On : 13 Aug 2019 10:51
Operator : HP/JU
Sample : K4117-10
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Aug 13 17:15:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 13 08:25:01 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
JLLF8

Manual Integrations APPROVED
mohammad
8/14/2019 2:48:58 AM



(16) Chrysene-d12 (I)

21.241min (-21.241) 0.00ng/ul

response 0

Ion	Exp%	Act%
240.00	100	0.00
120.00	16.20	0.00#
236.00	32.30	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022063.D
Acq On : 13 Aug 2019 10:51
Operator : HP/JU
Sample : K4117-10
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Aug 13 17:15:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 13 08:25:01 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
JLLF8

Manual Integrations APPROVED
mohammad
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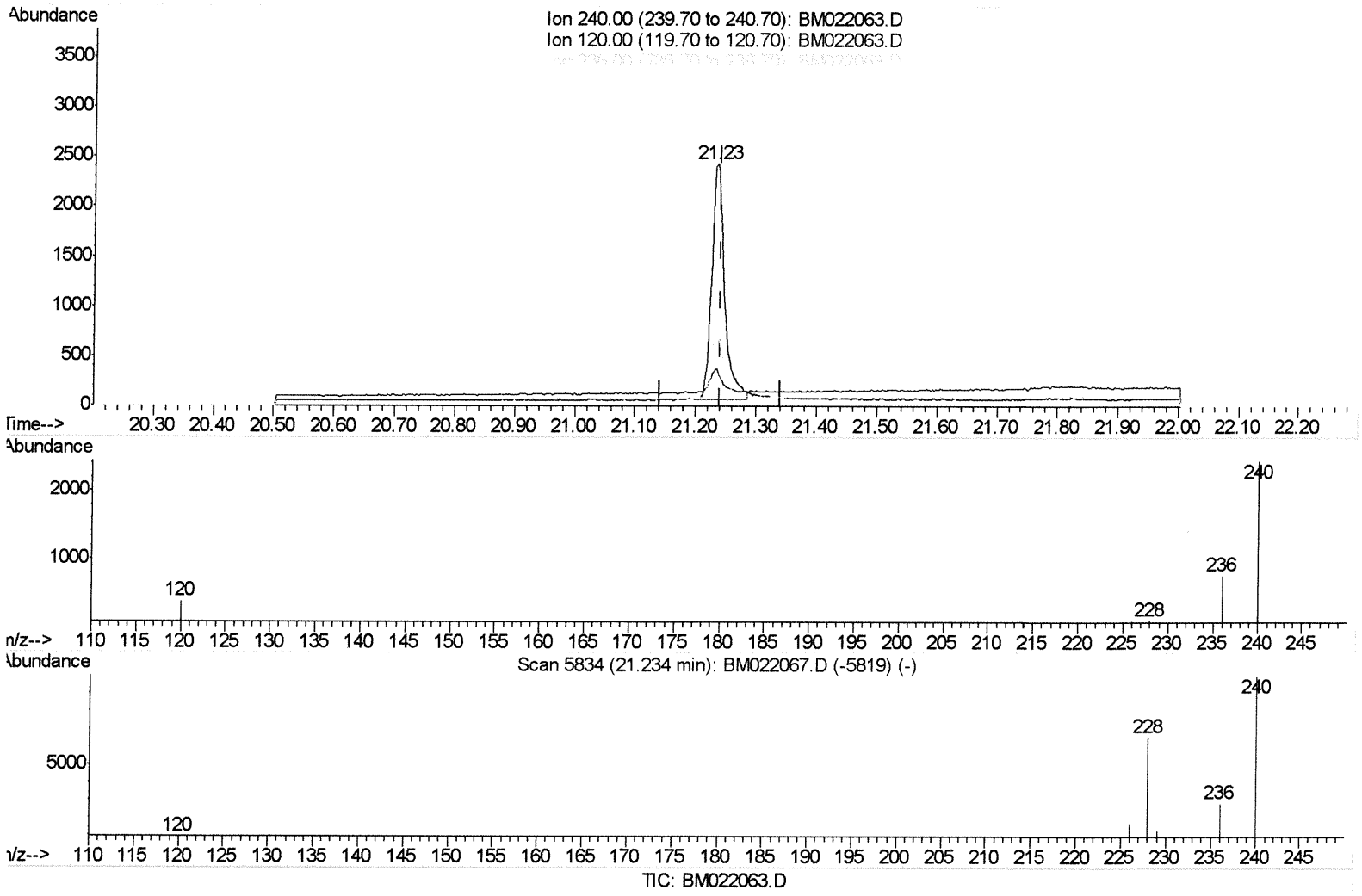


TIC: BM022063.D

(16) Chrysene-d12 (I)

21.234min (-0.007) 0.40ng/ul m JU 08/14/19

response 3618

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	15.52
236.00	32.30	31.49
0.00	0.00	0.00

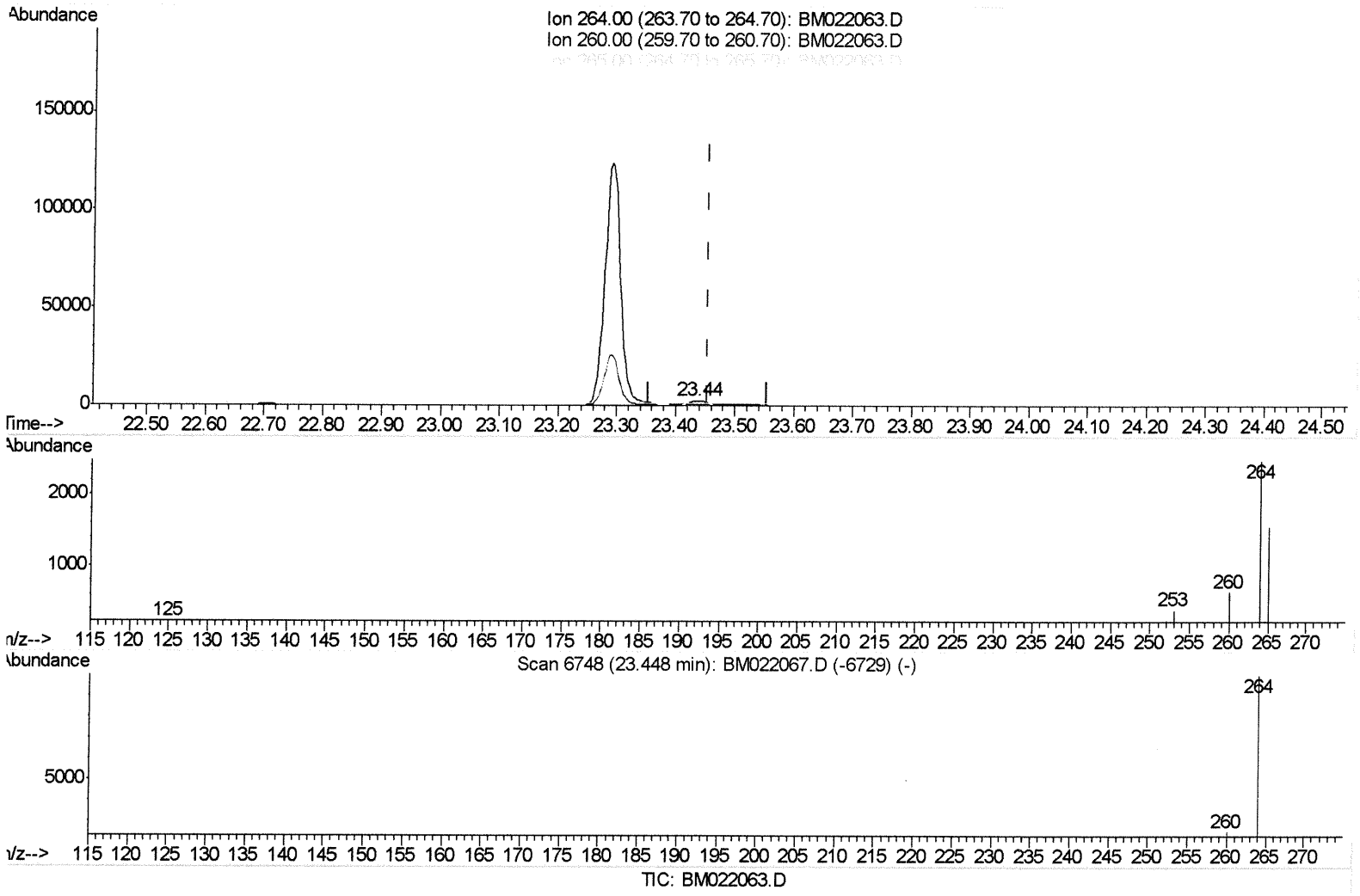
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022063.D
Acq On : 13 Aug 2019 10:51
Operator : HP/JU
Sample : K4117-10
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Aug 13 17:18:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 13 08:25:01 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
JLLF8

Manual Integrations APPROVED
mohammad
8/14/2019 2:48:58 AM



(20) Perylene-d12 (I)

23.438min (-0.016) 0.40ng/ul

response 5148

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	25.81
265.00	117.00	62.62#
0.00	0.00	0.00

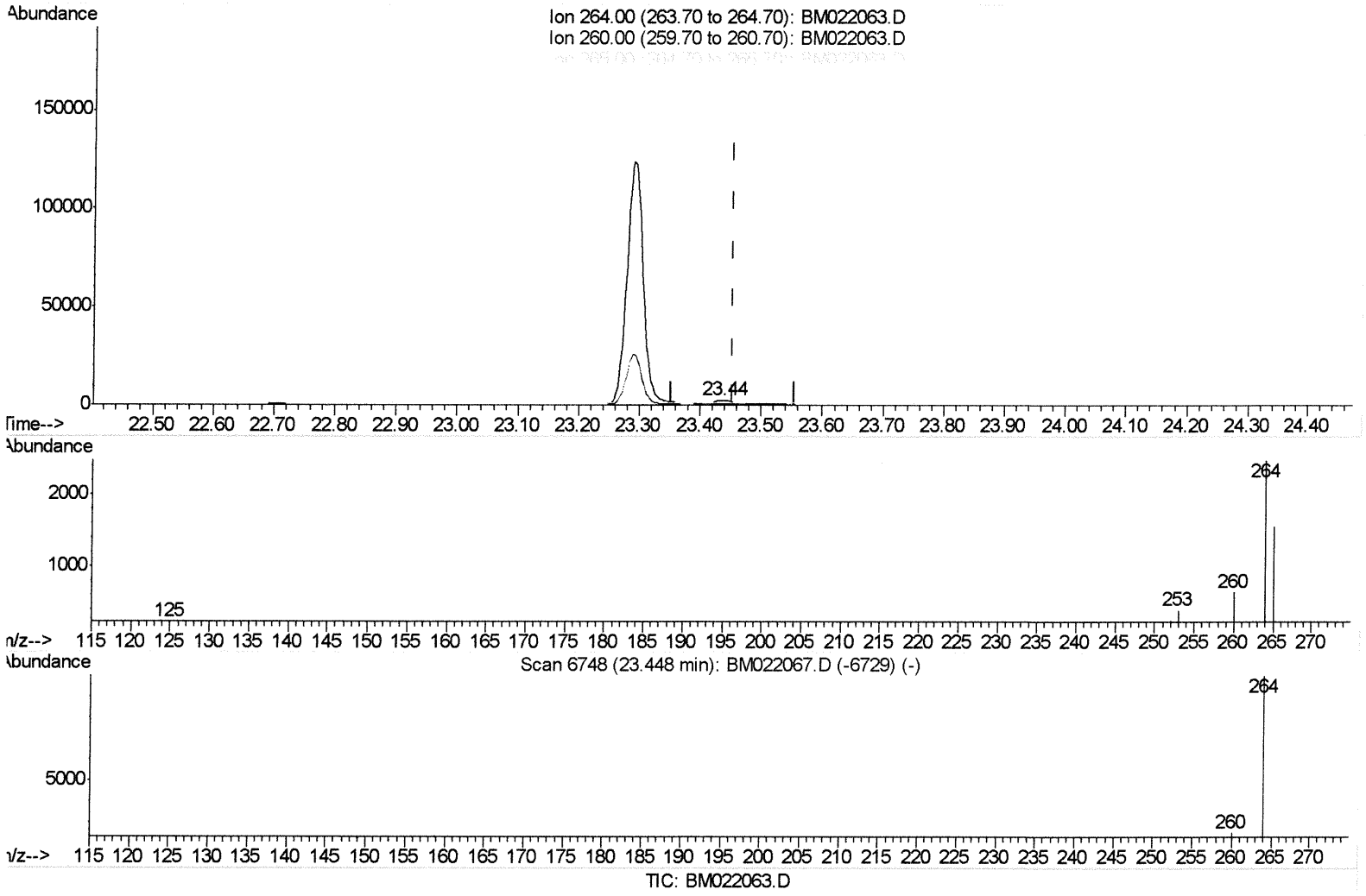
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022063.D
Acq On : 13 Aug 2019 10:51
Operator : HP/JU
Sample : K4117-10
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Aug 13 17:18:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 13 08:25:01 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
JLLF8

Manual Integrations APPROVED
mohammad
8/14/2019 2:48:58 AM



TIC: BM022063.D

(20) Perylene-d12 (I)

23.438min (-0.016) 0.40ng/ul m JU 08/14/19

response 3474

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	25.81
265.00	117.00	62.62#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022063.D
Acq On : 13 Aug 2019 10:51
Operator : HP/JU
Sample : K4117-10
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Aug 13 17:19:16 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 13 08:25:01 2019
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : JLLF8

Manual Integrations APPROVED
mohammad
8/14/2019 2:48:58 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	826	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.38	136	3399	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.26	164	1804	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.01	188	4103m→	0.40	ng/ul	-0.03
16) Chrysene-d12	21.23	240	3618m→	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	3474m→	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	1093	0.19	ng/ul	-0.02
14) Fluoranthene-d10	19.06	212	2942m →	0.21	ng/ul	-0.02

JU 08/14/19

JU 08/14/19

Target Compounds	Qvalue

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