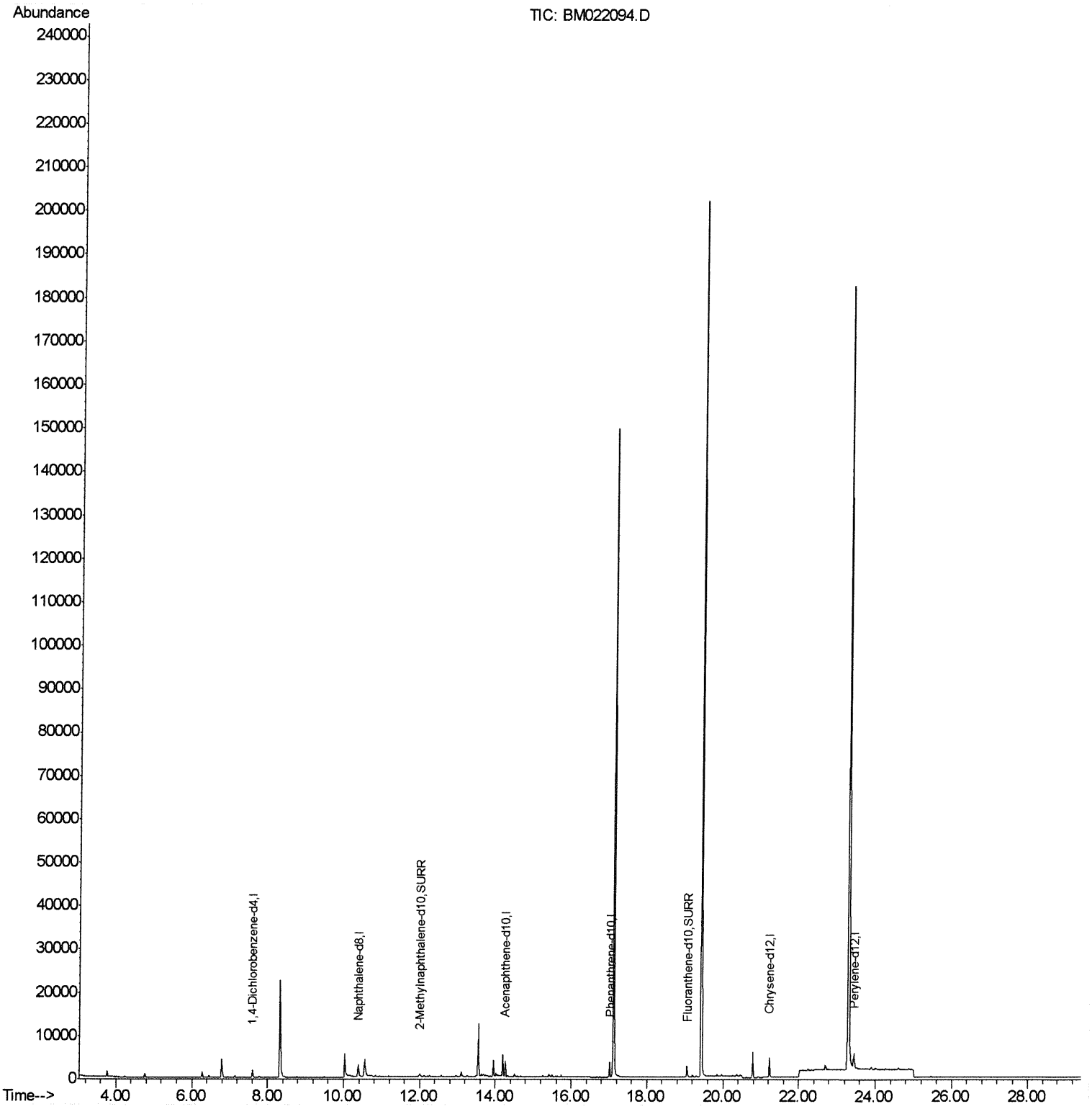
Data Path : \\74.0.250.170\terastorage\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022094.D
Acq On : 14 Aug 2019 06:25
Operator : HP/JU
Sample : K4183-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 14 08:56:57 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 : Wed Aug 14 08:16:48 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AH6

Manual Integrations APPROVED
mohammad
8/15/2019 5:08:24 PM

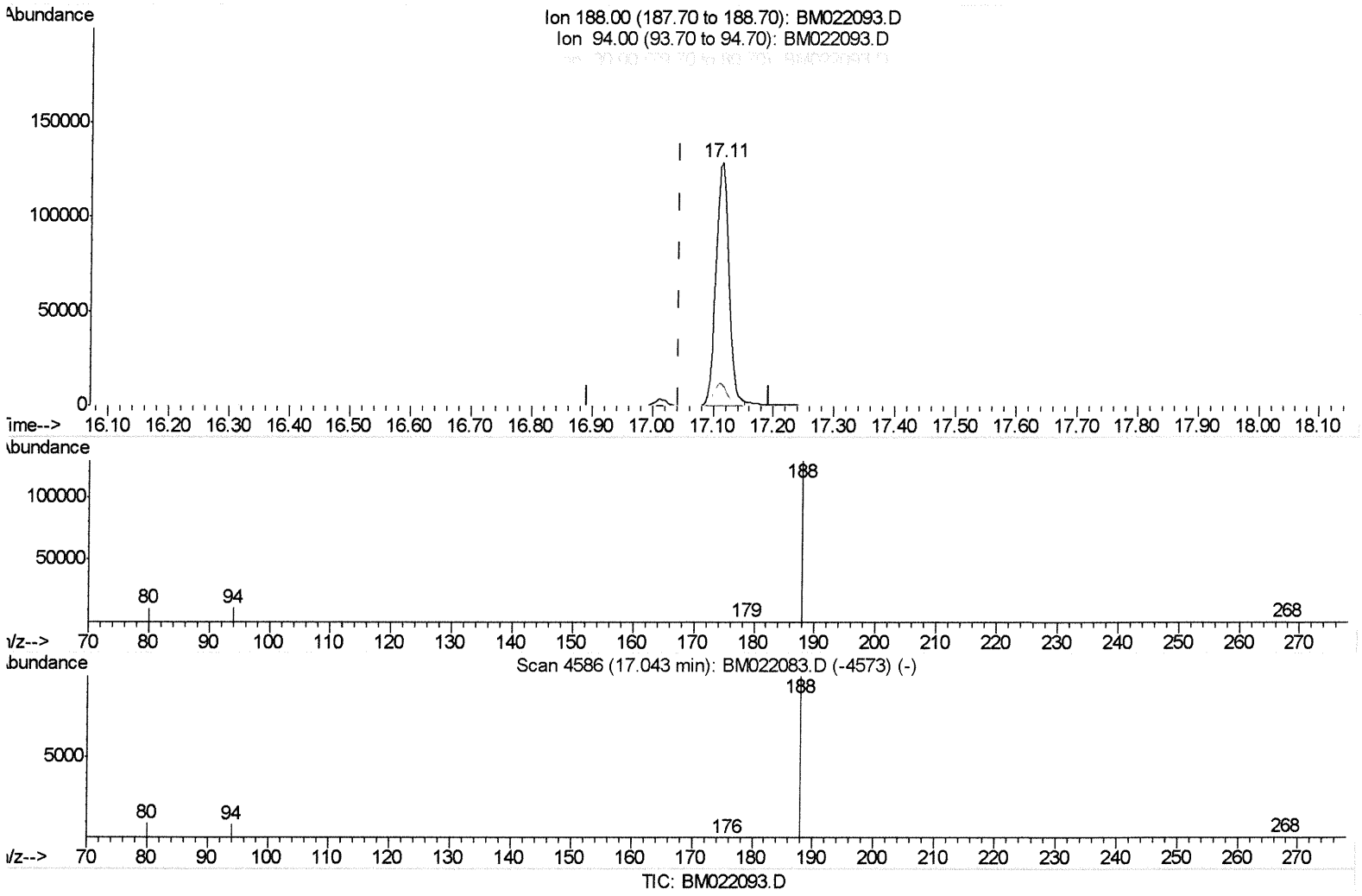


Data Path : \\74.0.250.170\terastorage\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022093.D
Acq On : 14 Aug 2019 05:49
Operator : HP/JU
Sample : K4183-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 14 08:20:26 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 : Wed Aug 14 08:16:48 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AH6

Manual Integrations APPROVED
mohammad
8/15/2019 5:08:24 PM



(10) Phenanthrene-d10 (I)

17.114min (+0.071) 0.40ng/ul

response 188115

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	8.89
80.00	11.40	8.37#
0.00	0.00	0.00

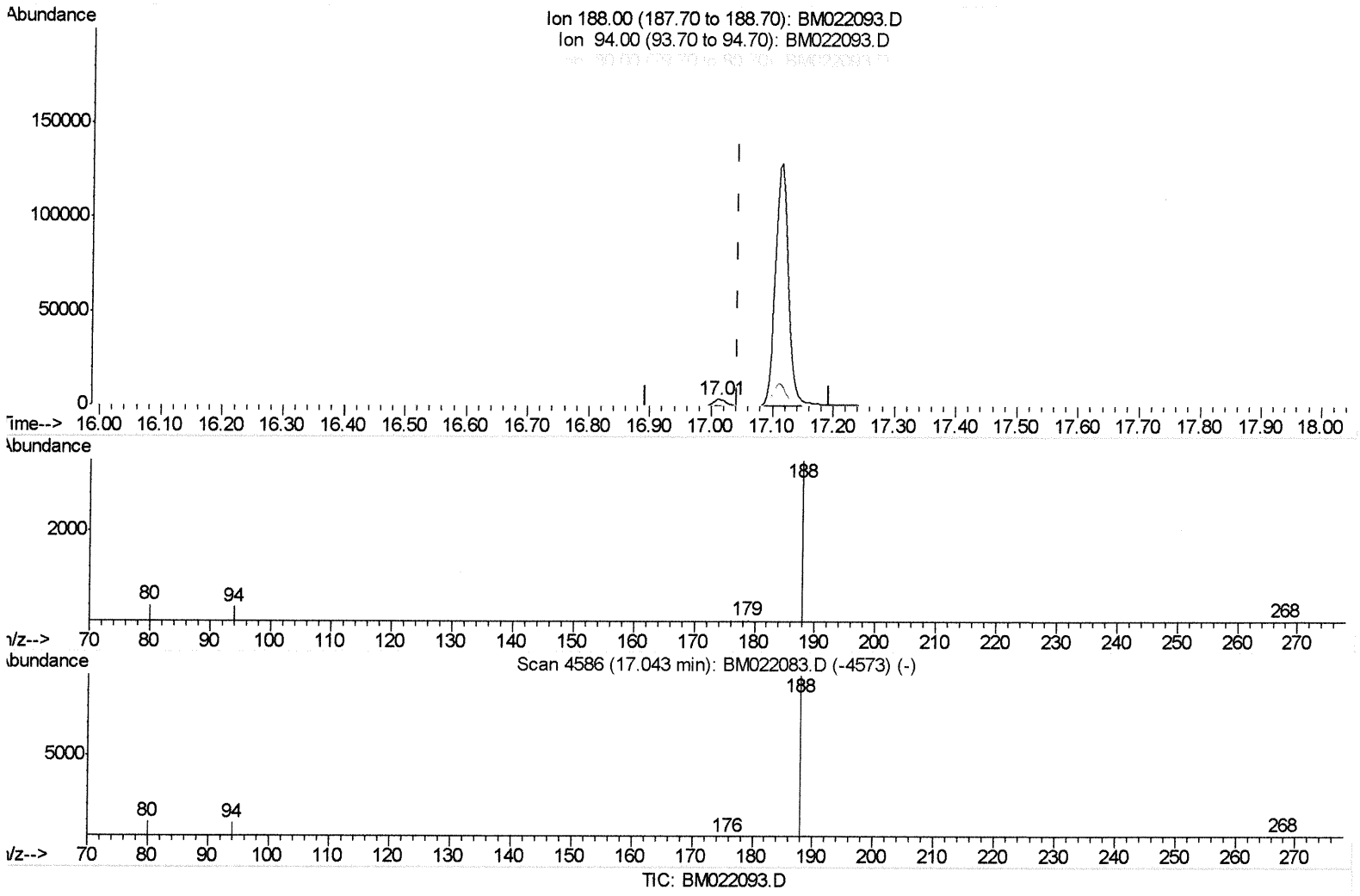
Quantitation Report (Qual)

Data Path : \\74.0.250.170\terastorage\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022093.D
Acq On : 14 Aug 2019 05:49
Operator : HP/JU
Sample : K4183-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 14 08:20:26 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 : Wed Aug 14 08:16:48 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AH6

Manual Integrations APPROVED
mohammad
8/15/2019 5:08:24 PM



TIC: BM022093.D

(10) Phenanthrene-d10 (I)

17.013min (-0.030) 0.40ng/ul m JU 08/14/19

response 4943

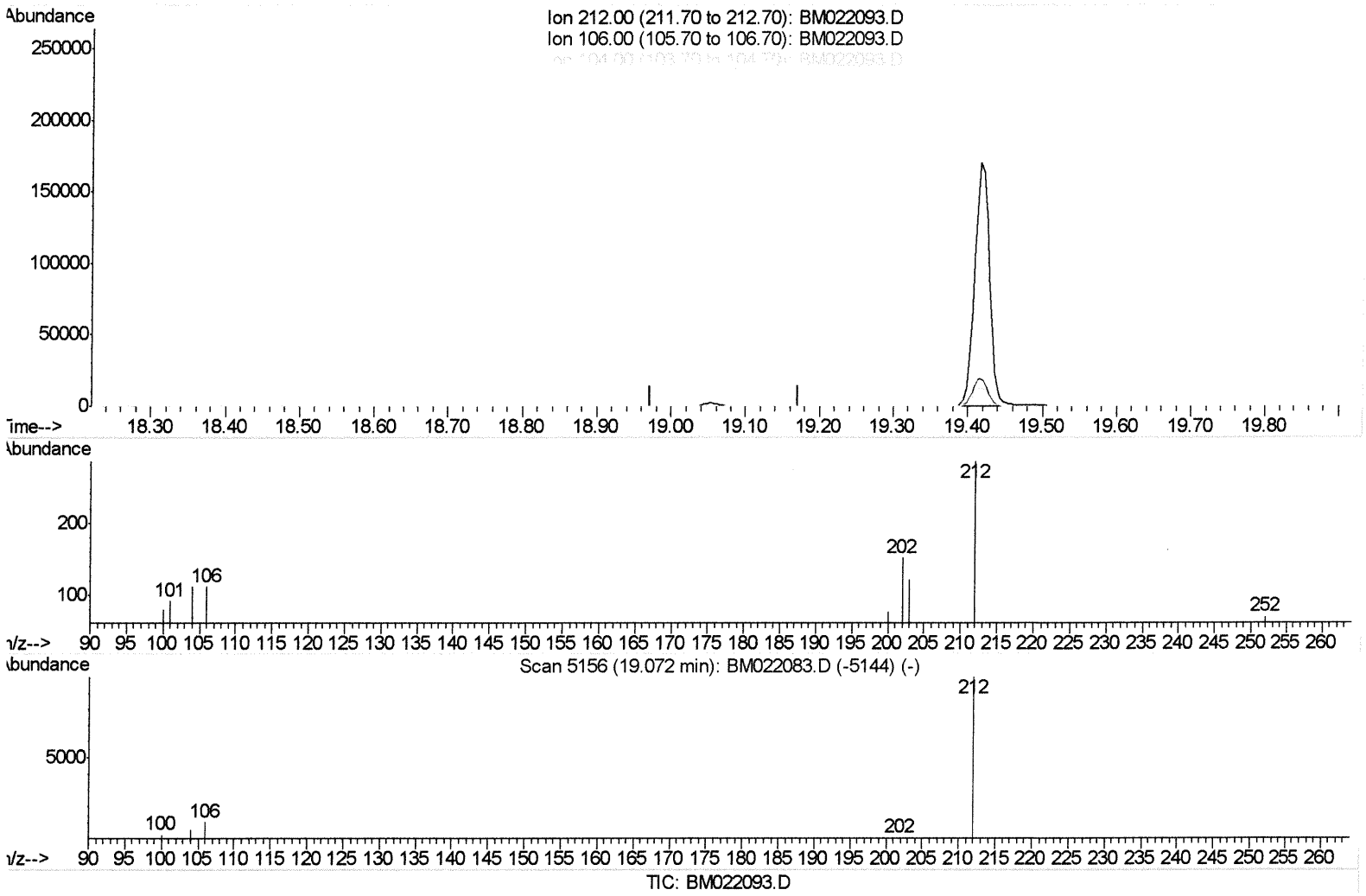
Ion	Exp%	Act%
188.00	100	100
94.00	10.40	9.97
80.00	11.40	11.06
0.00	0.00	0.00

Data Path : \\74.0.250.170\terastorage\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022093.D
Acq On : 14 Aug 2019 05:49
Operator : HP/JU
Sample : K4183-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 14 08:53:15 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 : Wed Aug 14 08:16:48 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AH6

Manual Integrations APPROVED
mohammad
8/15/2019 5:08:24 PM



TIC: BM022093.D

(14) Fluoranthene-d10 (SURR)

19.072min (-19.072) 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

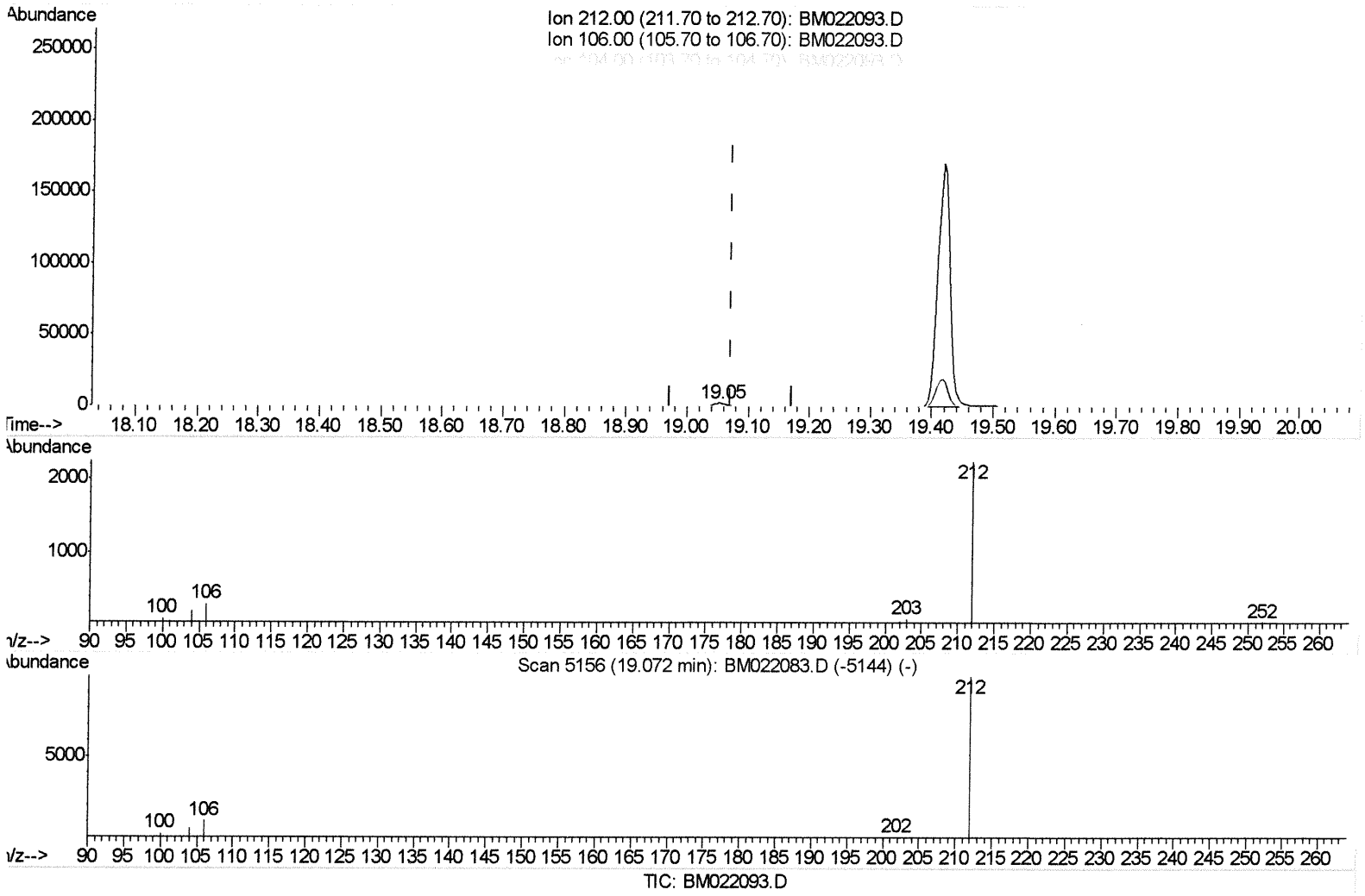
Quantitation Report (Quan)

Data Path : \\74.0.250.170\terastorage\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022093.D
Acq On : 14 Aug 2019 05:49
Operator : HP/JU
Sample : K4183-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 14 08:53:15 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 : Wed Aug 14 08:16:48 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AH6

Manual Integrations APPROVED
mohammad
8/15/2019 5:08:24 PM



TIC: BM022093.D

(14) Fluoranthene-d10 (SURR)

19.054min (-0.017) 0.19ng/ul m JU 08/14/19

response 3165

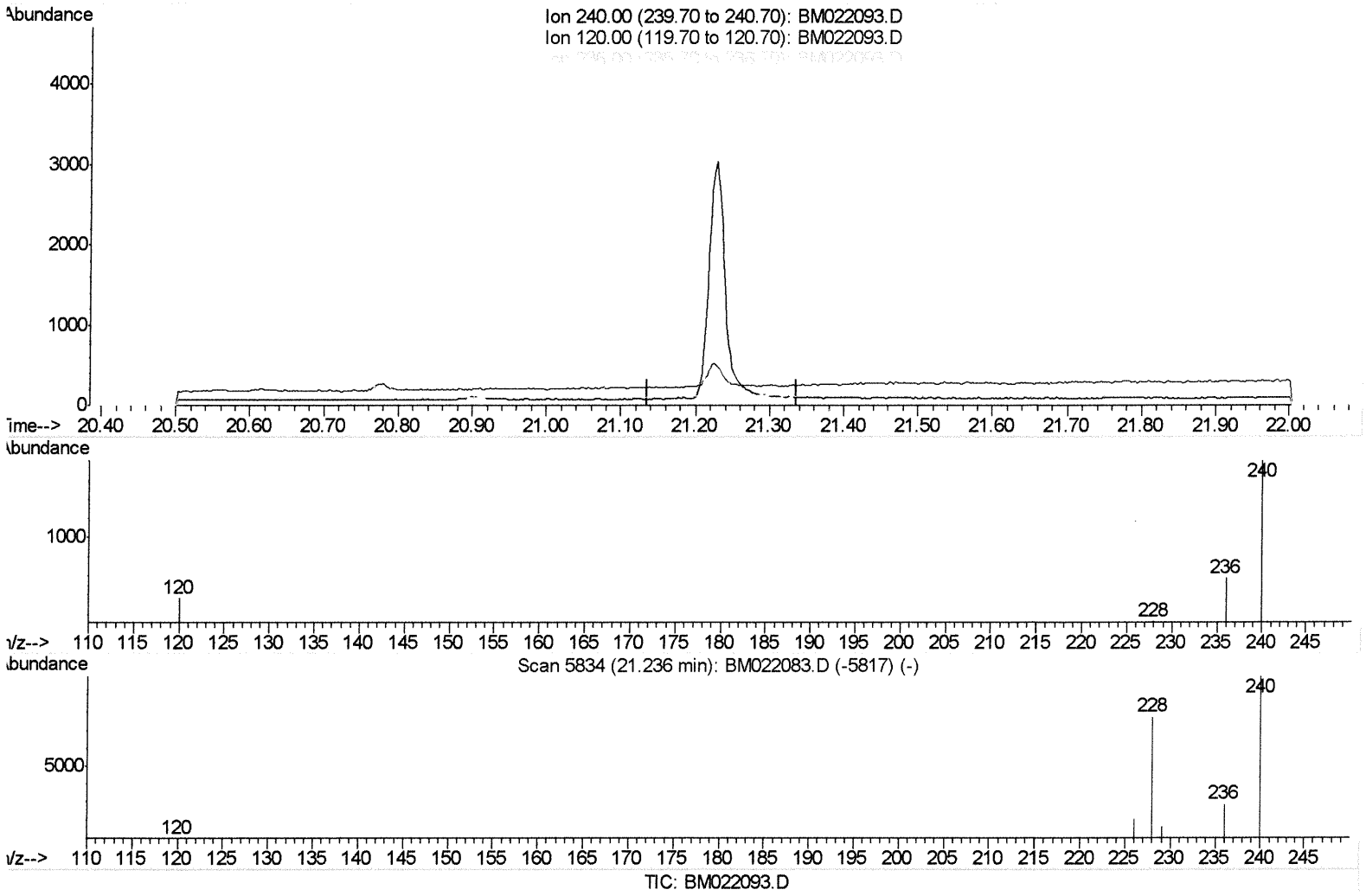
Ion	Exp%	Act%
212.00	100	100
106.00	9.90	0.00#
104.00	6.00	0.00#
0.00	0.00	0.00

Data Path : \\74.0.250.170\terastorage\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022093.D
Acq On : 14 Aug 2019 05:49
Operator : HP/JU
Sample : K4183-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 14 08:53:15 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 : Wed Aug 14 08:16:48 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AH6

Manual Integrations APPROVED
mohammad
8/15/2019 5:08:24 PM



(16) Chrysene-d12 (I)

21.236min (-21.236) 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 (Qual)

Data Path : \\74.0.250.170\terastorage\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022094.D
Acq On : 14 Aug 2019 06:25
Operator : HP/JU
Sample : K4183-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 14 08:55:19 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 : Wed Aug 14 08:16:48 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AH6

Manual Integrations APPROVED
mohammad
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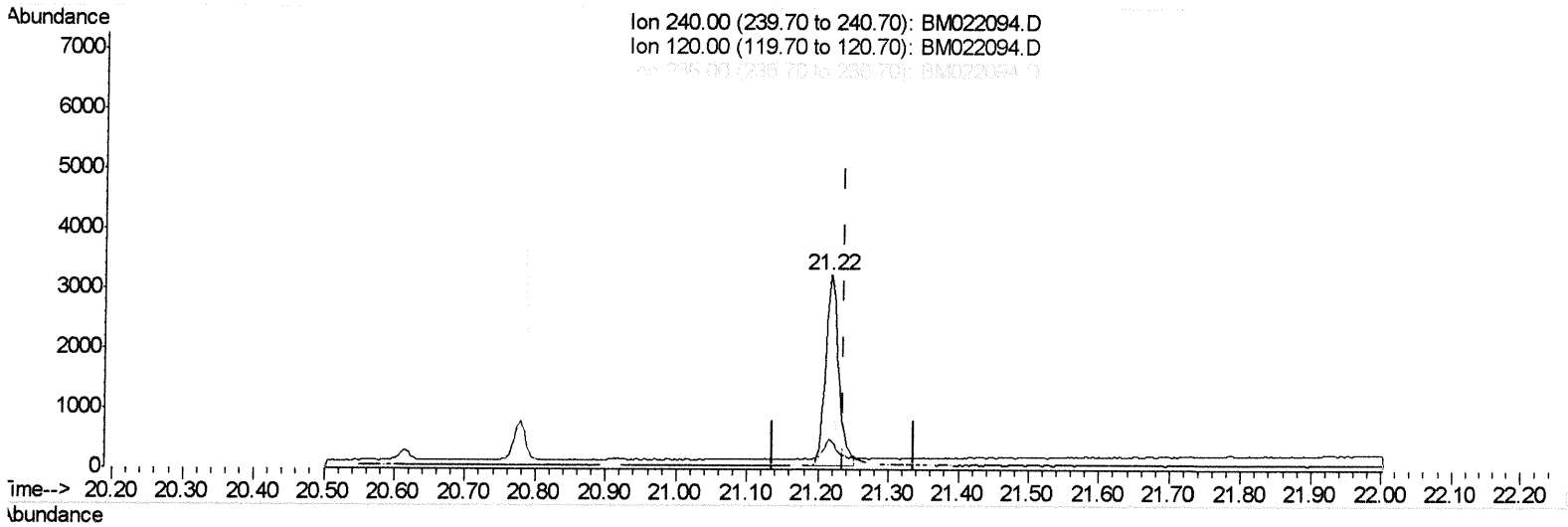
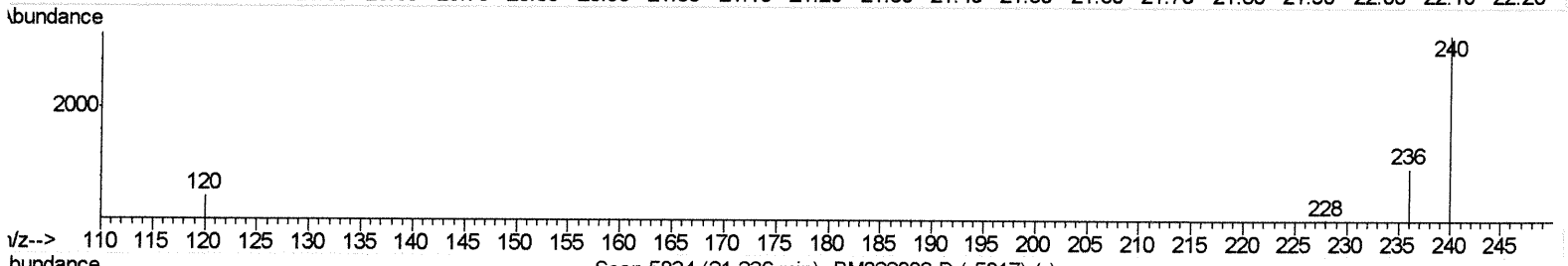
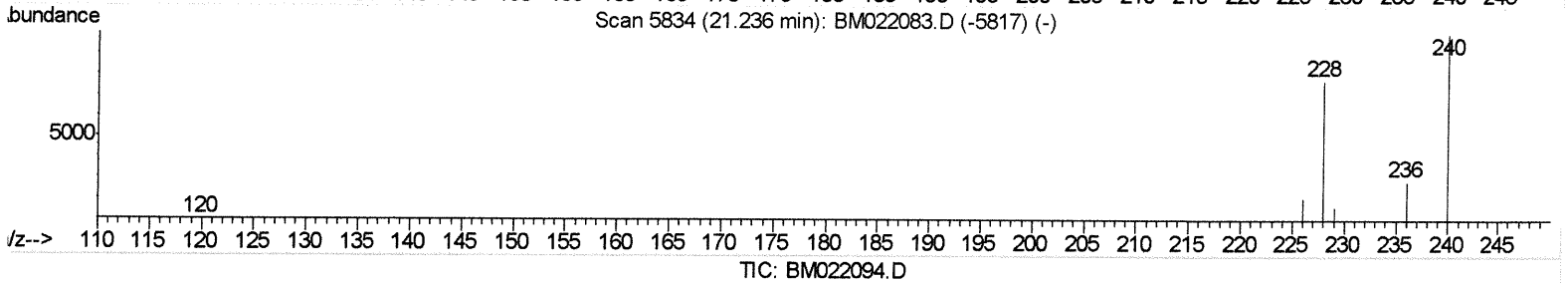






TIC: BM022094.D

(16) Chrysene-d12 (I)

21.217min (-0.019) 0.40ng/ul m JU 08/14/19

response 4207

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	15.00
236.00	32.30	30.31
0.00	0.00	0.00

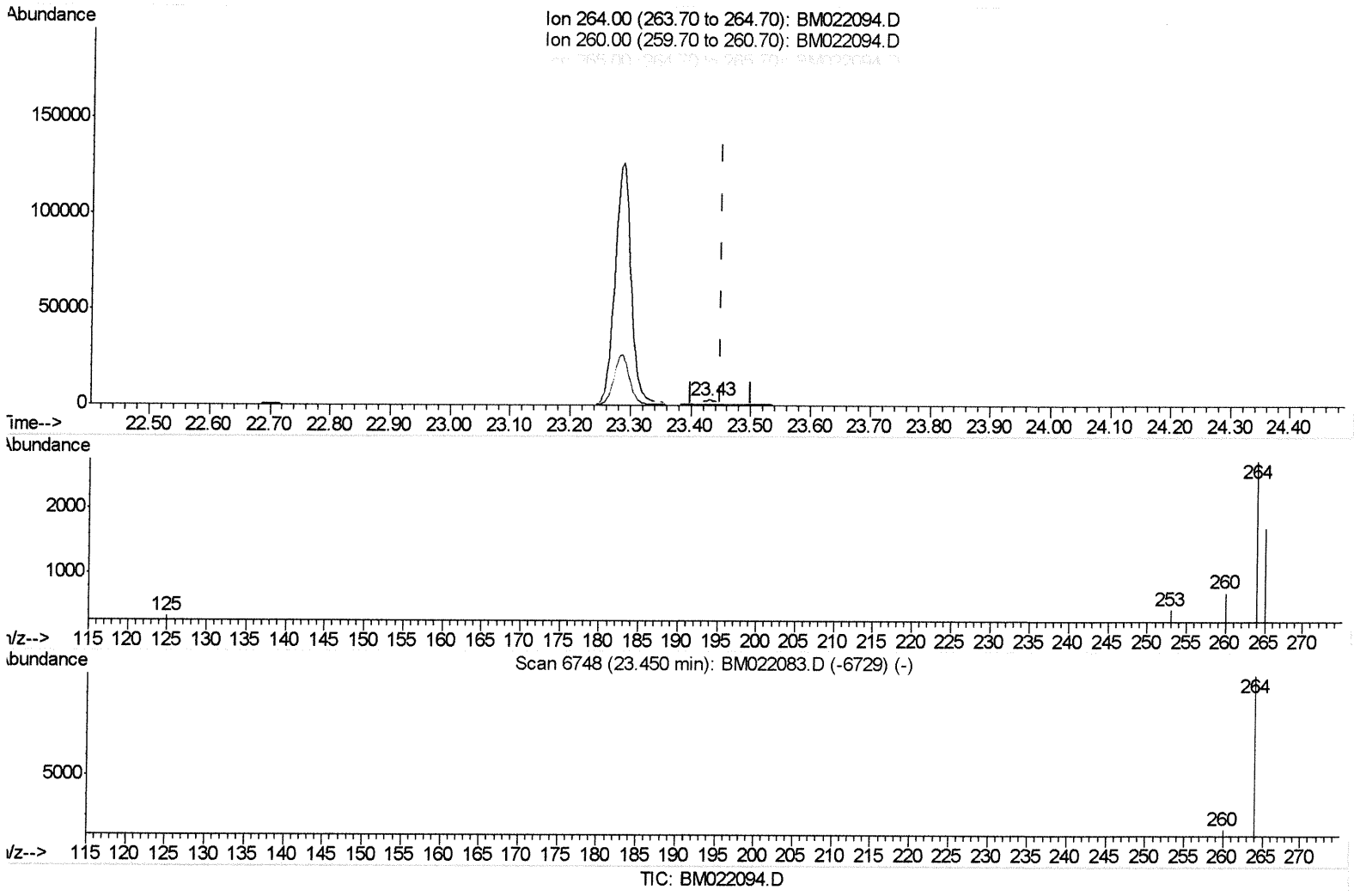
Quantitation Report (Qedit)

Data Path : \\74.0.250.170\terastorage\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022094.D
Acq On : 14 Aug 2019 06:25
Operator : HP/JU
Sample : K4183-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 14 08:56:11 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 : Wed Aug 14 08:16:48 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AH6

Manual Integrations APPROVED
mohammad
8/15/2019 5:08:24 PM



(20) Perylene-d12 (I)

23.433min (-0.017) 0.40ng/ul

response 4860

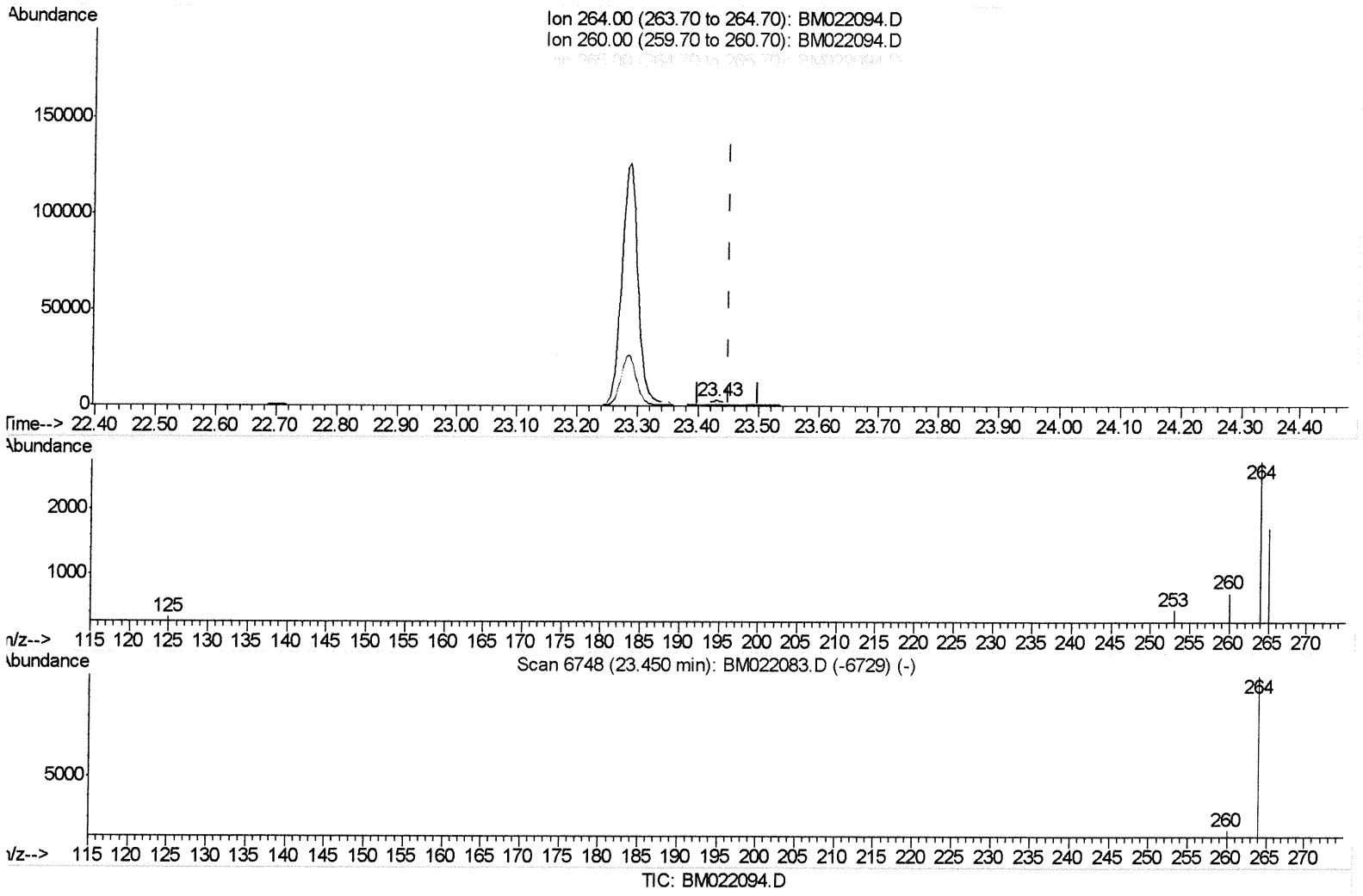
Ion	Exp%	Act%
264.00	100	100
260.00	27.50	26.12
265.00	117.00	62.16#
0.00	0.00	0.00

Data Path : \\74.0.250.170\terastorage\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022094.D
Acq On : 14 Aug 2019 06:25
Operator : HP/JU
Sample : K4183-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 14 08:56:11 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 : Wed Aug 14 08:16:48 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AH6

Manual Integrations APPROVED
mohammad
8/15/2019 5:08:24 PM



(20) Perylene-d12 (I)

23.433min (-0.017) 0.40ng/ul m JU 08/14/19

response 4224

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	26.12
265.00	117.00	62.16#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\terastorage\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022094.D
Acq On : 14 Aug 2019 06:25
Operator : HP/JU
Sample : K4183-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 14 08:56:57 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 : Wed Aug 14 08:16:48 2019
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : C0AH6

Manual Integrations APPROVED
mohammad
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	957	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.38	136	3994	0.40	ng/ul	-0.04
6) Acenaphthene-d10	14.26	164	2057	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.01	188	4486m→	0.40	ng/ul>	-0.03
16) Chrysene-d12	21.22	240	4207m→	0.40	ng/ul>	-0.02
20) Perylene-d12	23.43	264	4224m→	0.40	ng/ul>	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	1097	0.17	ng/ul	-0.03
14) Fluoranthene-d10	19.05	212	3022m→	0.20	ng/ul>	-0.02

JU 08/14/19

JU 08/14/19

Target Compounds	Qvalue

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