Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\

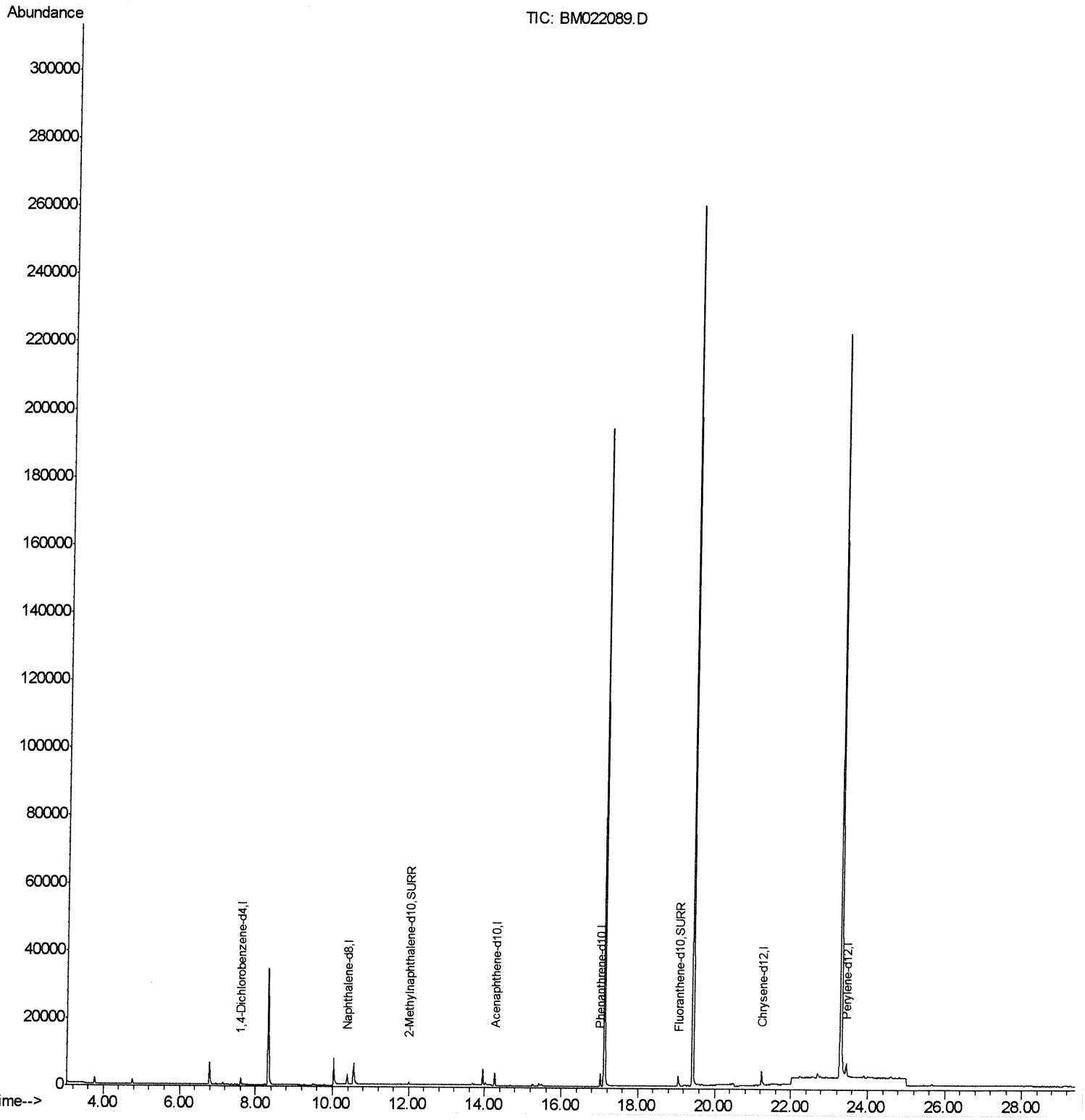
Quantitation Report (QT Reviewed)

Data File : BM022089.D
Acq On : 14 Aug 2019 03:22
Operator : HP/JU
Sample : K4183-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 14 08:41:59 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 :
C0AH5

Manual Integrations APPROVED
mohammad
8/15/2019 5:08:09 PM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\

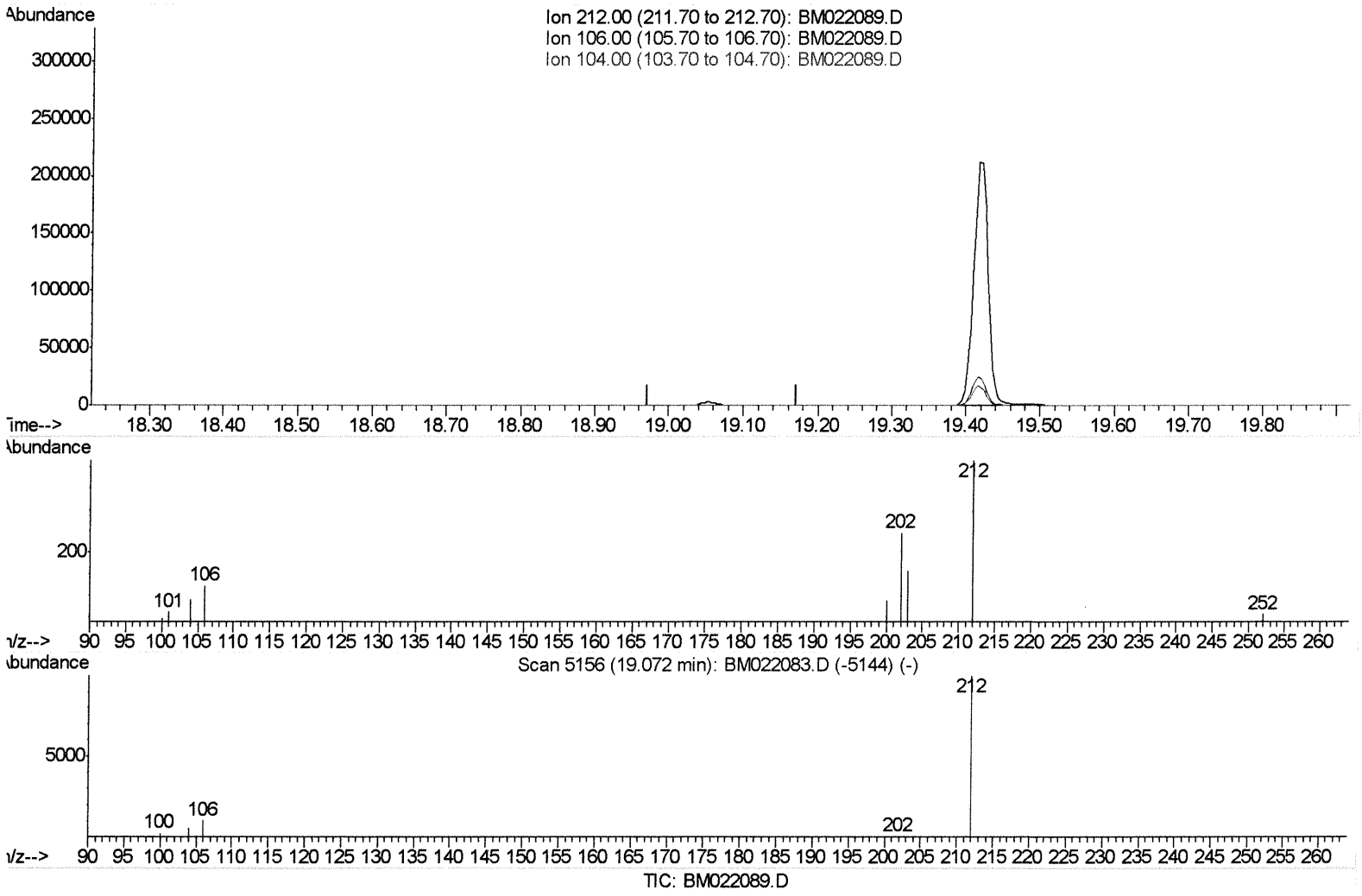
Quantitation Report (Qedit)

Data File : BM022089.D
Acq On : 14 Aug 2019 03:22
Operator : HP/JU
Sample : K4183-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 14 08:40:18 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 :
C0AH5

Manual Integrations APPROVED
mohammad
8/15/2019 5:08:09 PM



TIC: BM022089.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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\

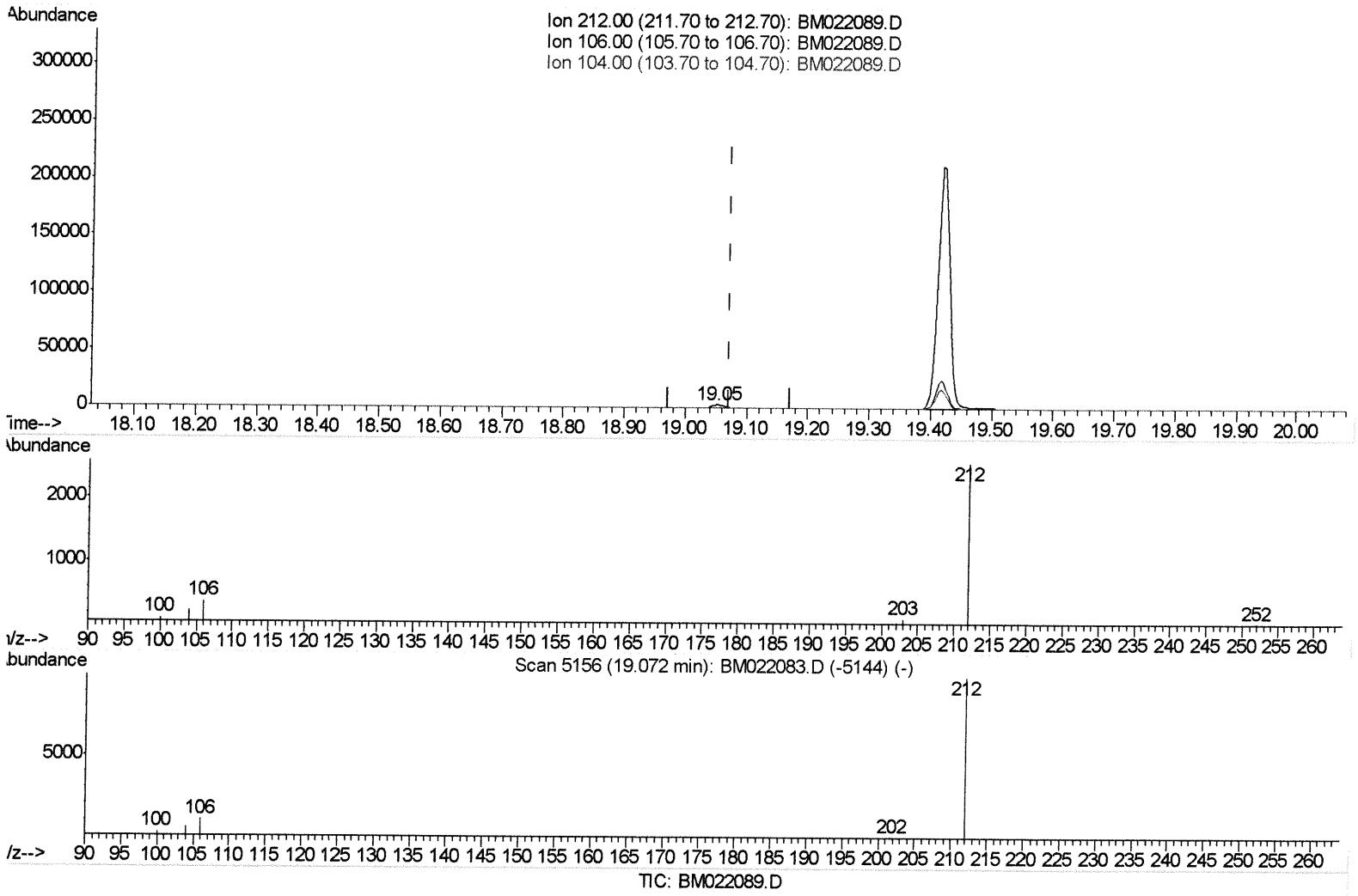
Quantitation Report (Qedit)

Data File : BM022089.D
Acq On : 14 Aug 2019 03:22
Operator : HP/JU
Sample : K4183-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 14 08:40:18 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 :
C0AH5

Manual Integrations APPROVED
mohammad
8/15/2019 5:08:09 PM



TIC: BM022089.D

(14) Fluoranthene-d10 (SURR)

19.051min (-0.021) 0.24ng/ul m JU 08/14/19

response 3767

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 : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\

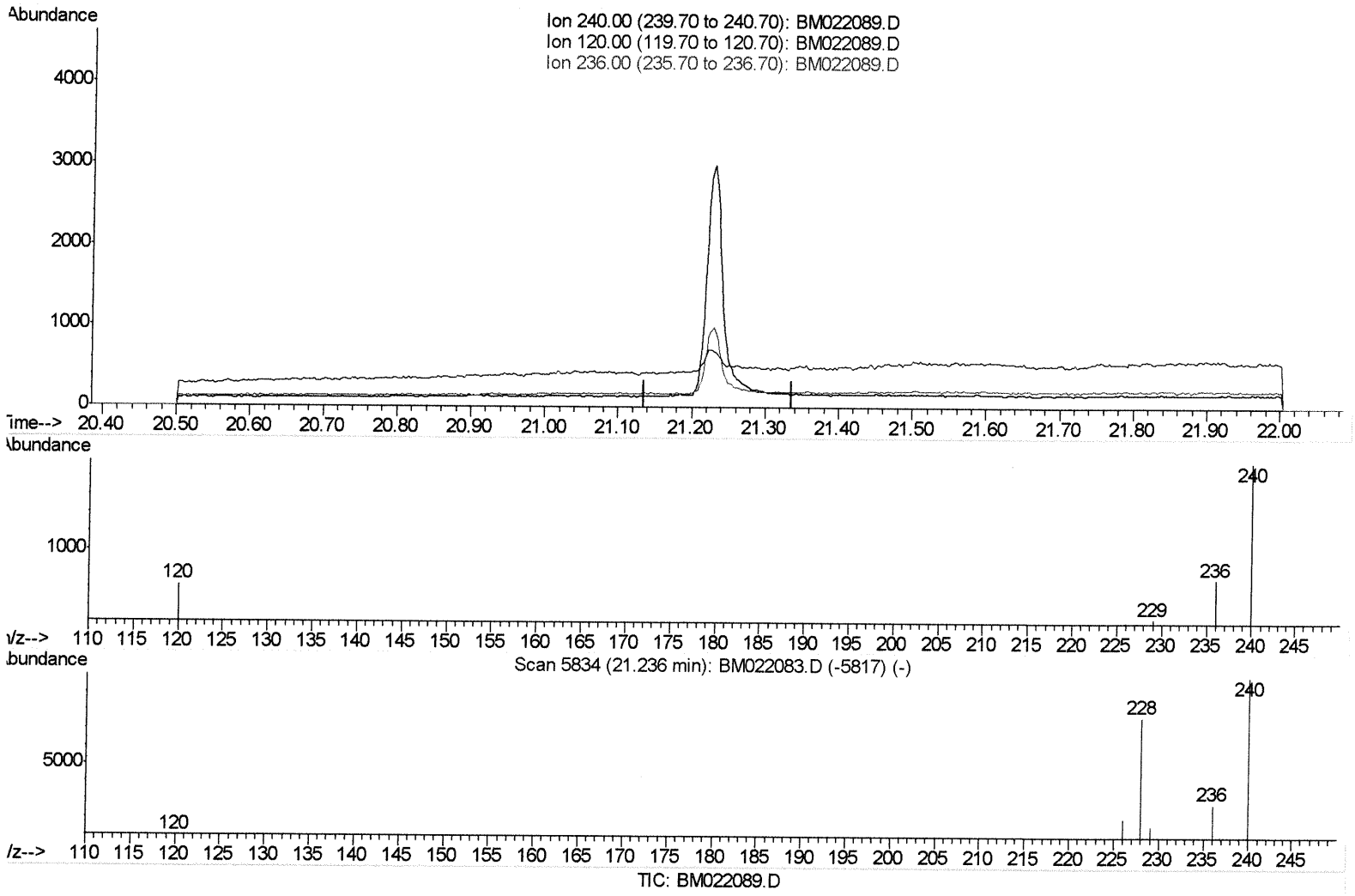
Quantitation Report (Qedit)

Data File : BM022089.D
Acq On : 14 Aug 2019 03:22
Operator : HP/JU
Sample : K4183-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 14 08:40:18 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 :
C0AH5

Manual Integrations APPROVED
mohammad
8/15/2019 5:08:09 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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\

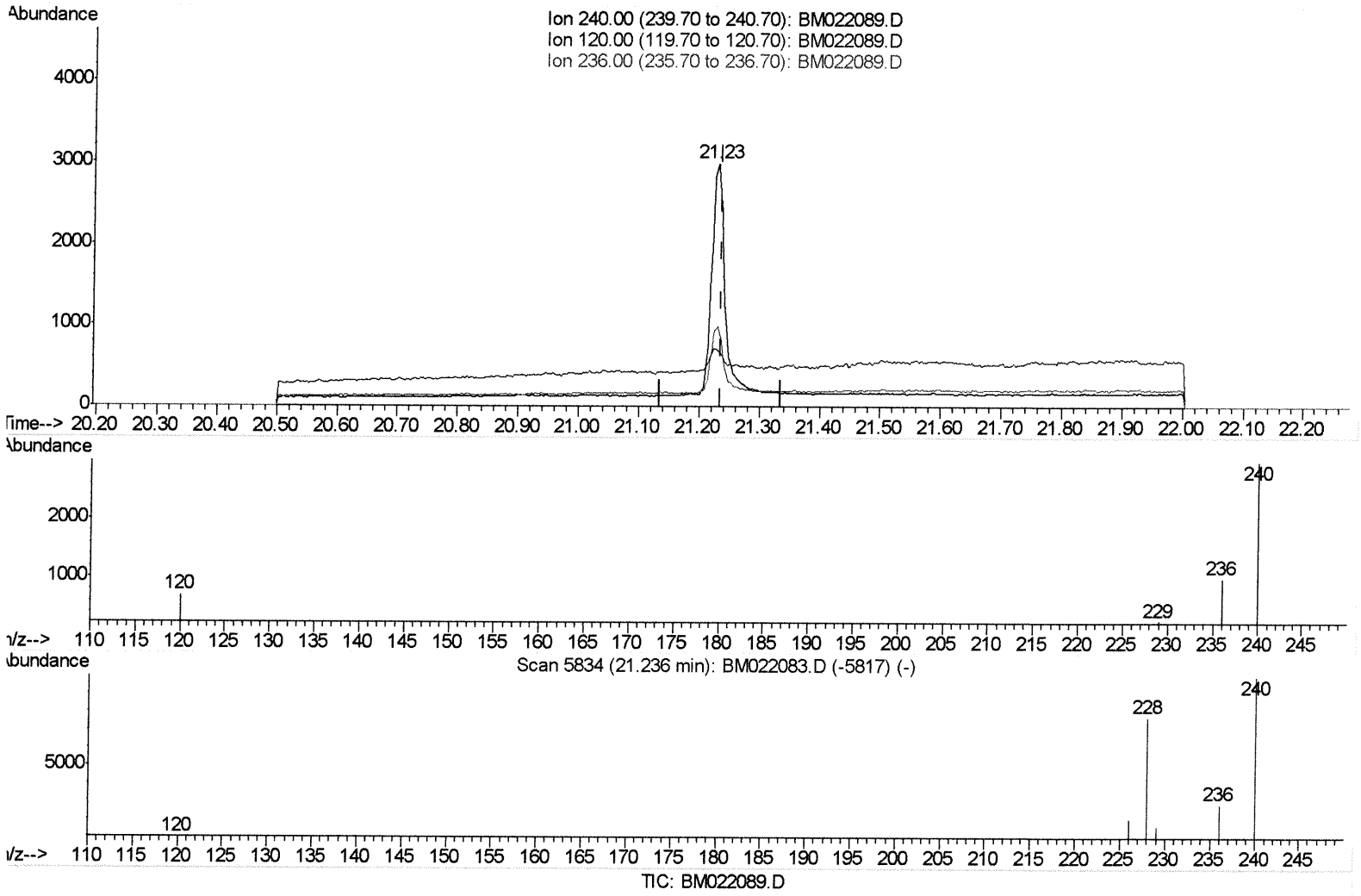
Quantitation Report (Qedit)

Data File : BM022089.D
Acq On : 14 Aug 2019 03:22
Operator : HP/JU
Sample : K4183-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 14 08:40:18 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 :
C0AH5

Manual Integrations APPROVED
mohammad
8/15/2019 5:08:09 PM



(16) Chrysene-d12 (I)

21.229min (-0.007) 0.40ng/ul m JU 08/14/19

response 4333

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	23.06#
236.00	32.30	33.10
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\

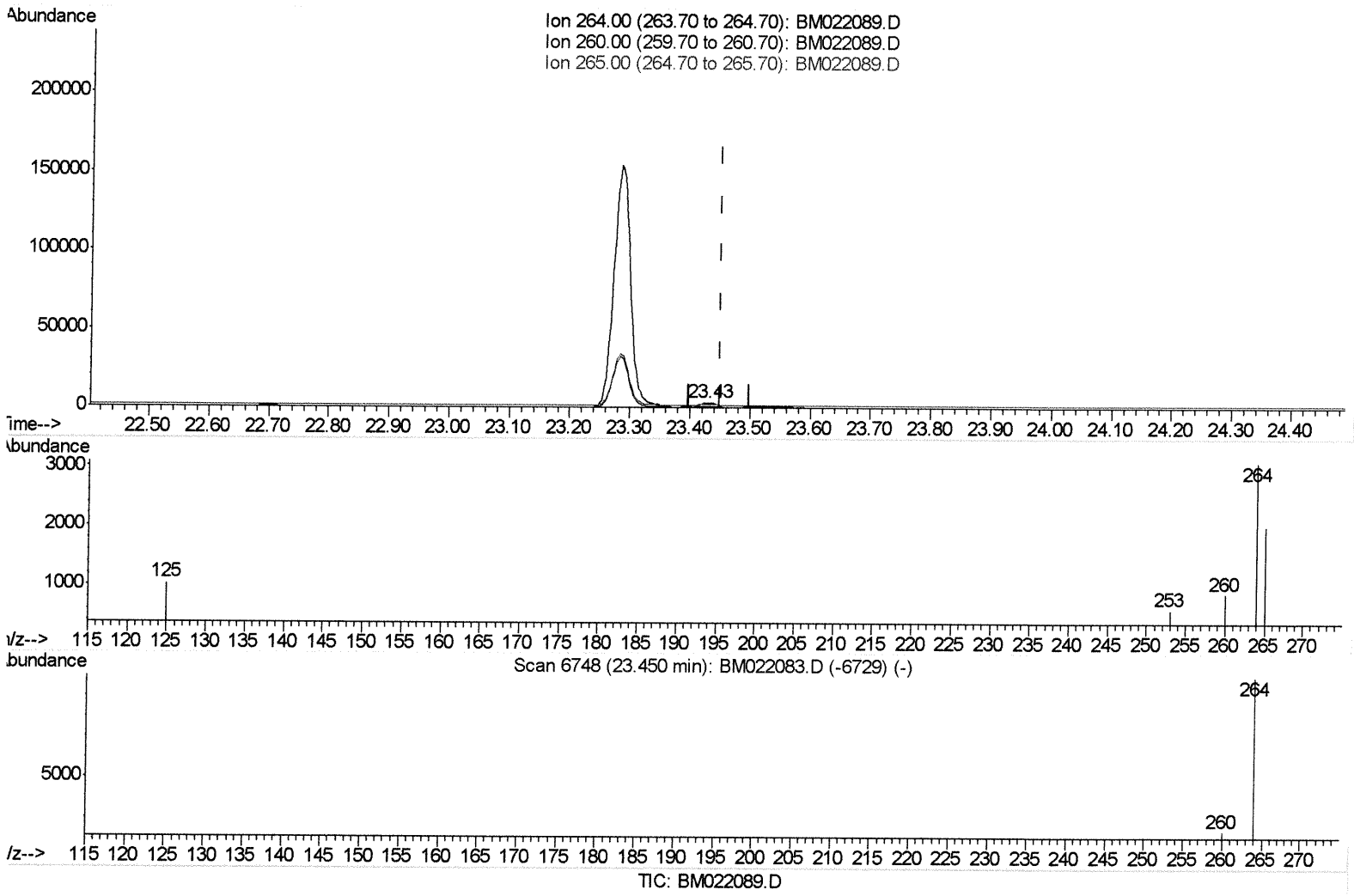
Quantitation Report (Qedit)

Data File : BM022089.D
Acq On : 14 Aug 2019 03:22
Operator : HP/JU
Sample : K4183-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 14 08:41:16 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 : Wed Aug 14 08:16:48 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AH5

Manual Integrations APPROVED
mohammad
8/15/2019 5:08:09 PM



TIC: BM022089.D

(20) Perylene-d12 (I)

23.431min (-0.019) 0.40ng/ul

response 5324

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	27.98
265.00	117.00	65.04#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\

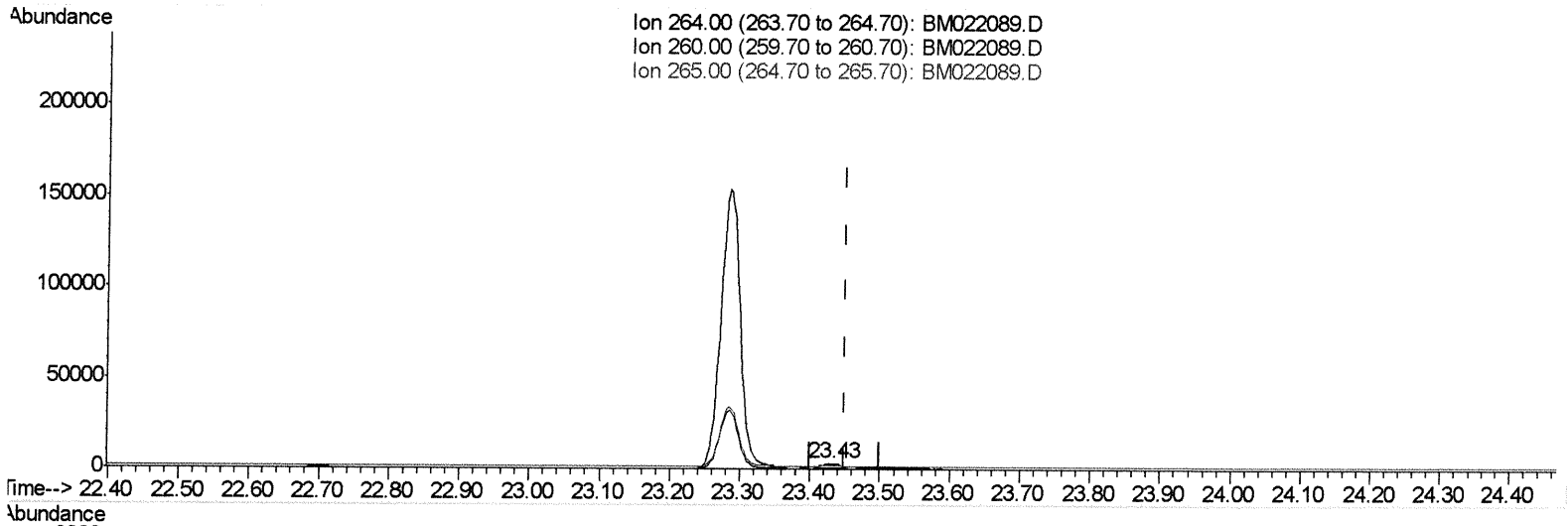
Quantitation Report (Qedit)

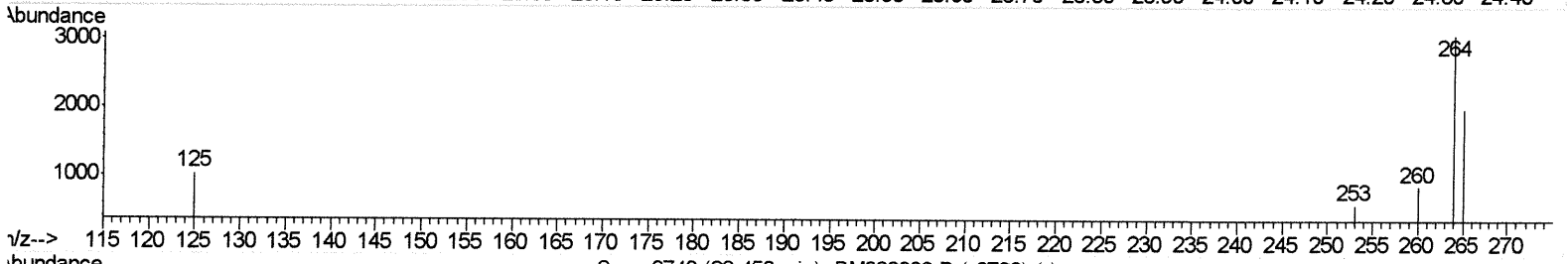
Data File : BM022089.D
Acq On : 14 Aug 2019 03:22
Operator : HP/JU
Sample : K4183-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

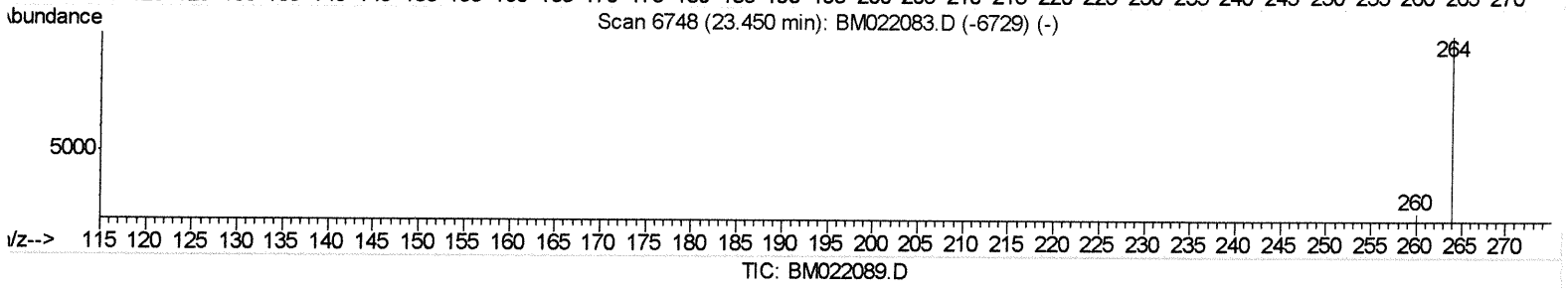
Quant Time: Aug 14 08:41:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 14 08:16:48 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AH5

Manual Integrations APPROVED
mohammad
8/15/2019 5:08:09 PM







(20) Perylene-d12 (I)

23.431min (-0.019) 0.40ng/ul m JV 08/14/19

response 4422

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	27.98
265.00	117.00	65.04#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\

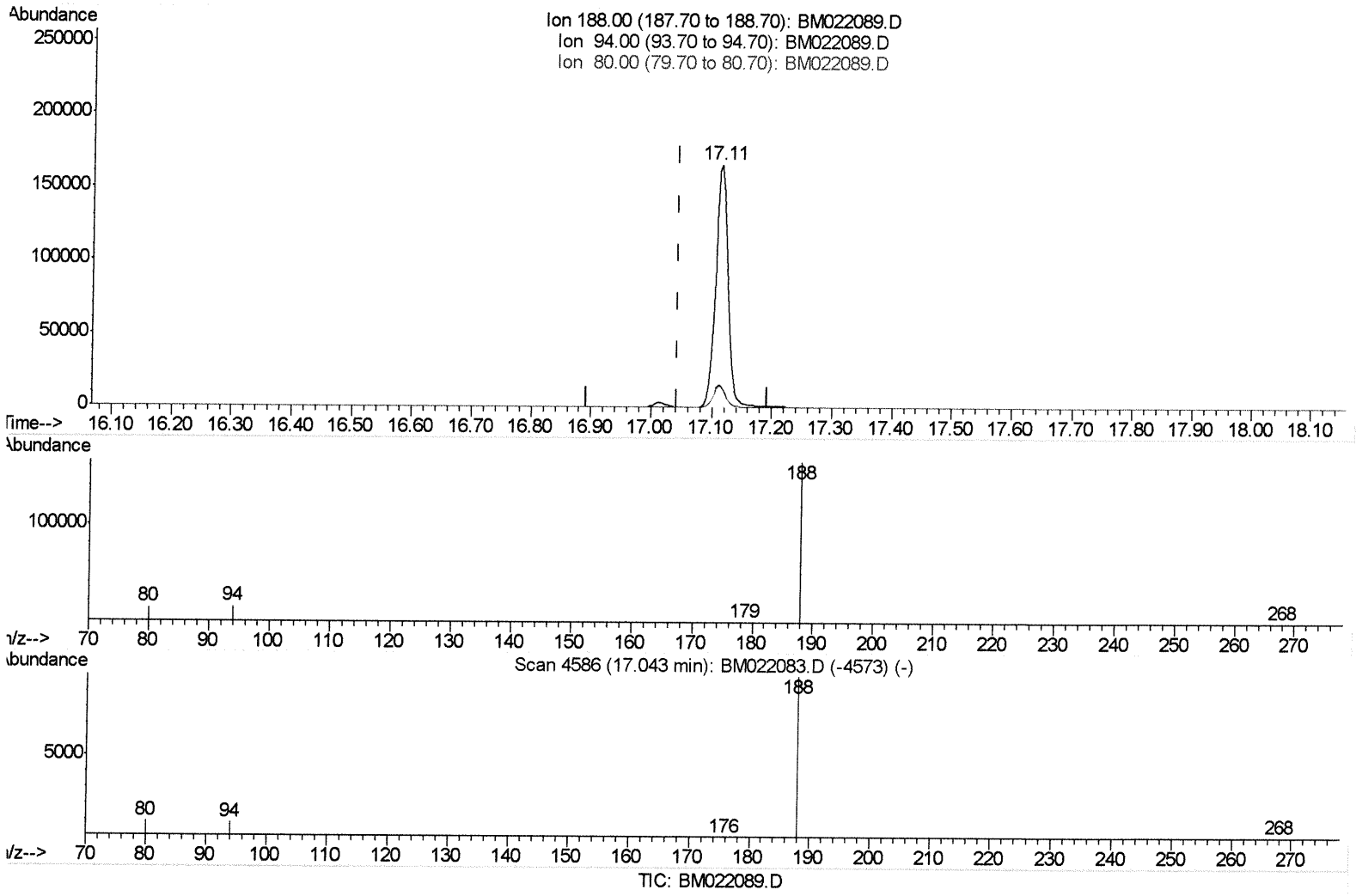
Quantitation Report (Qedit)

Data File : BM022089.D
Acq On : 14 Aug 2019 03:22
Operator : HP/JU
Sample : K4183-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 14 08:20:07 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 :
C0AH5

Manual Integrations APPROVED
mohammad
8/15/2019 5:08:09 PM



TIC: BM022089.D

(10) Phenanthrene-d10 (I)

17.114min (+0.071) 0.40ng/ul

response 235798

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	9.01
80.00	11.40	8.55#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\

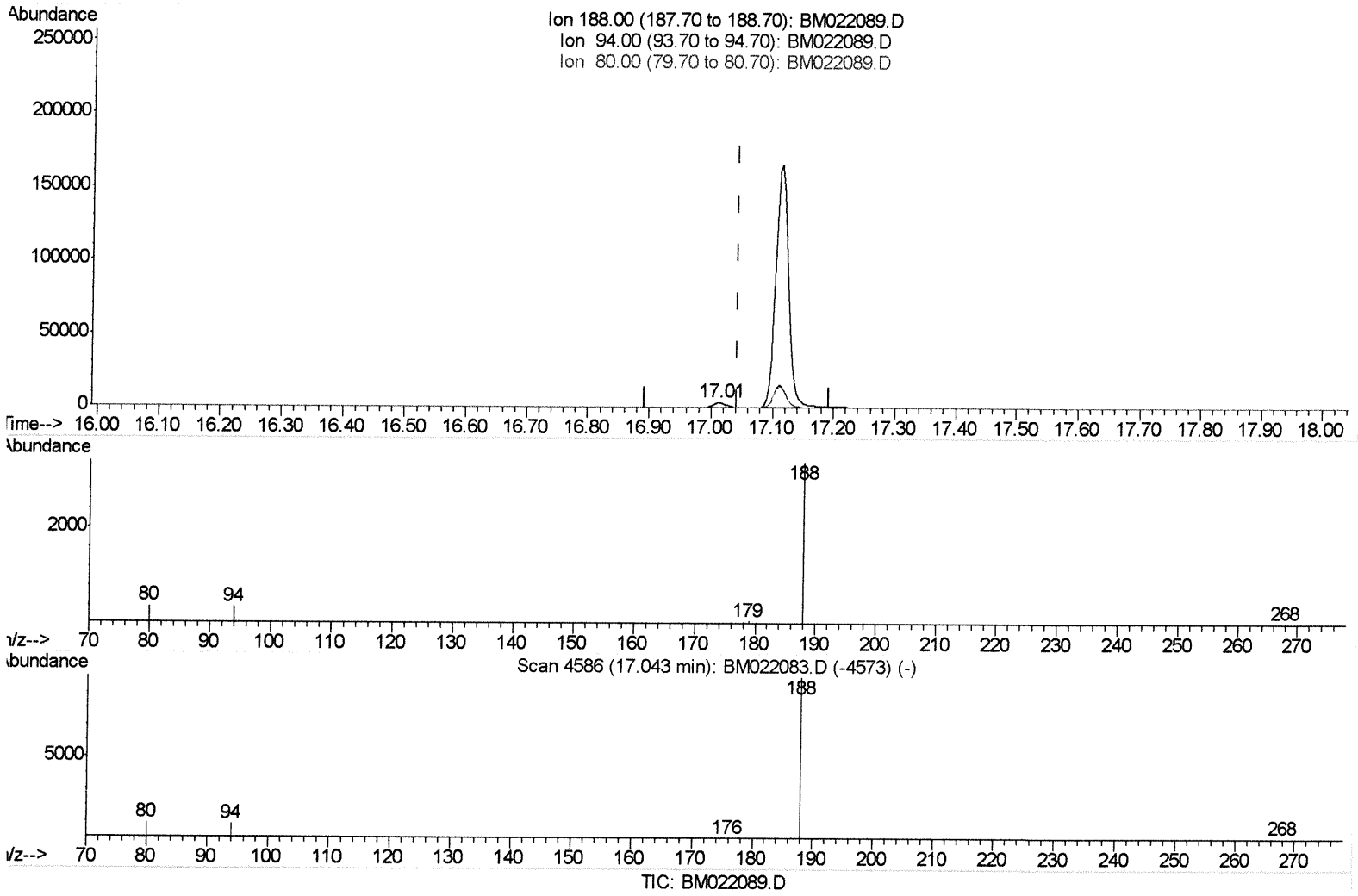
Quantitation Report (Qedit)

Data File : BM022089.D
Acq On : 14 Aug 2019 03:22
Operator : HP/JU
Sample : K4183-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 14 08:20:07 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 :
C0AH5

Manual Integrations APPROVED
mohammad
8/15/2019 5:08:09 PM



TIC: BM022089.D

(10) Phenanthrene-d10 (I)

17.013min (-0.029) 0.40ng/ul m JU 08/14/19

response 4681

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	10.66
80.00	11.40	11.05
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\

Quantitation Report (QT Reviewed)

Data File : BM022089.D
Acq On : 14 Aug 2019 03:22
Operator : HP/JU
Sample : K4183-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AH5

Manual Integrations APPROVED
mohammad
8/15/2019 5:08:09 PM

Quant Time: Aug 14 08:41:59 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	1024	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.38	136	4092	0.40	ng/ul	-0.04
6) Acenaphthene-d10	14.26	164	2098	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.01	188	4681m→	0.40	ng/ul→	-0.03
16) Chrysene-d12	21.23	240	4333m→	0.40	ng/ul→	0.00
20) Perylene-d12	23.43	264	4422m→	0.40	ng/ul→	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	1527	0.23	ng/ul	-0.03
14) Fluoranthene-d10	19.05	212	3767m→	0.24	ng/ul→	-0.02
Target Compounds						Qvalue

JU 08/14/19

JU 08/14/19

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