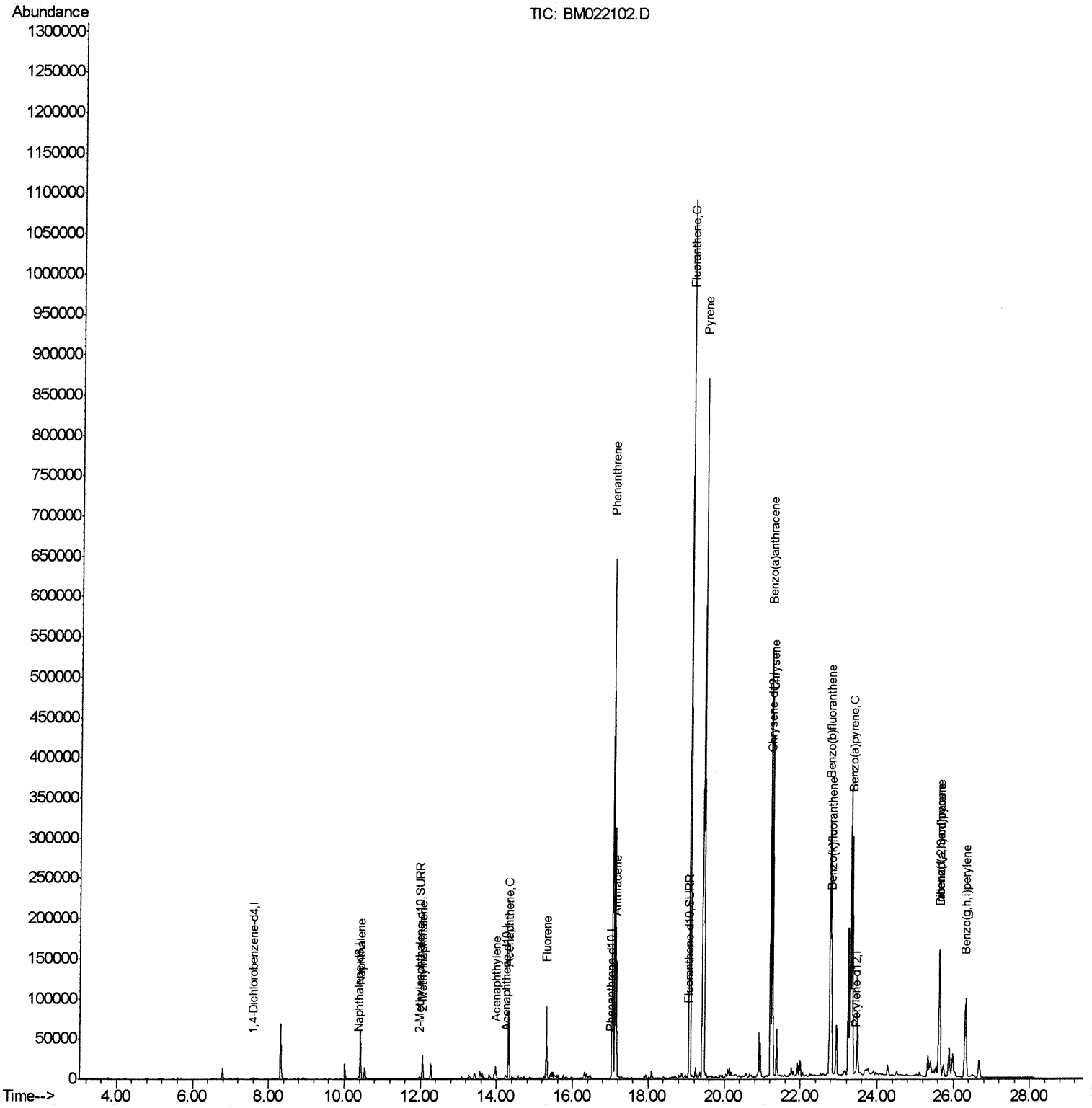
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022102.D
Acq On : 14 Aug 2019 11:29
Operator : HP/JU
Sample : K4304-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 14 14:43:53 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 13:53:23 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB5N5

Manual Integrations APPROVED
mohammad
8/15/2019 5:08:47 PM



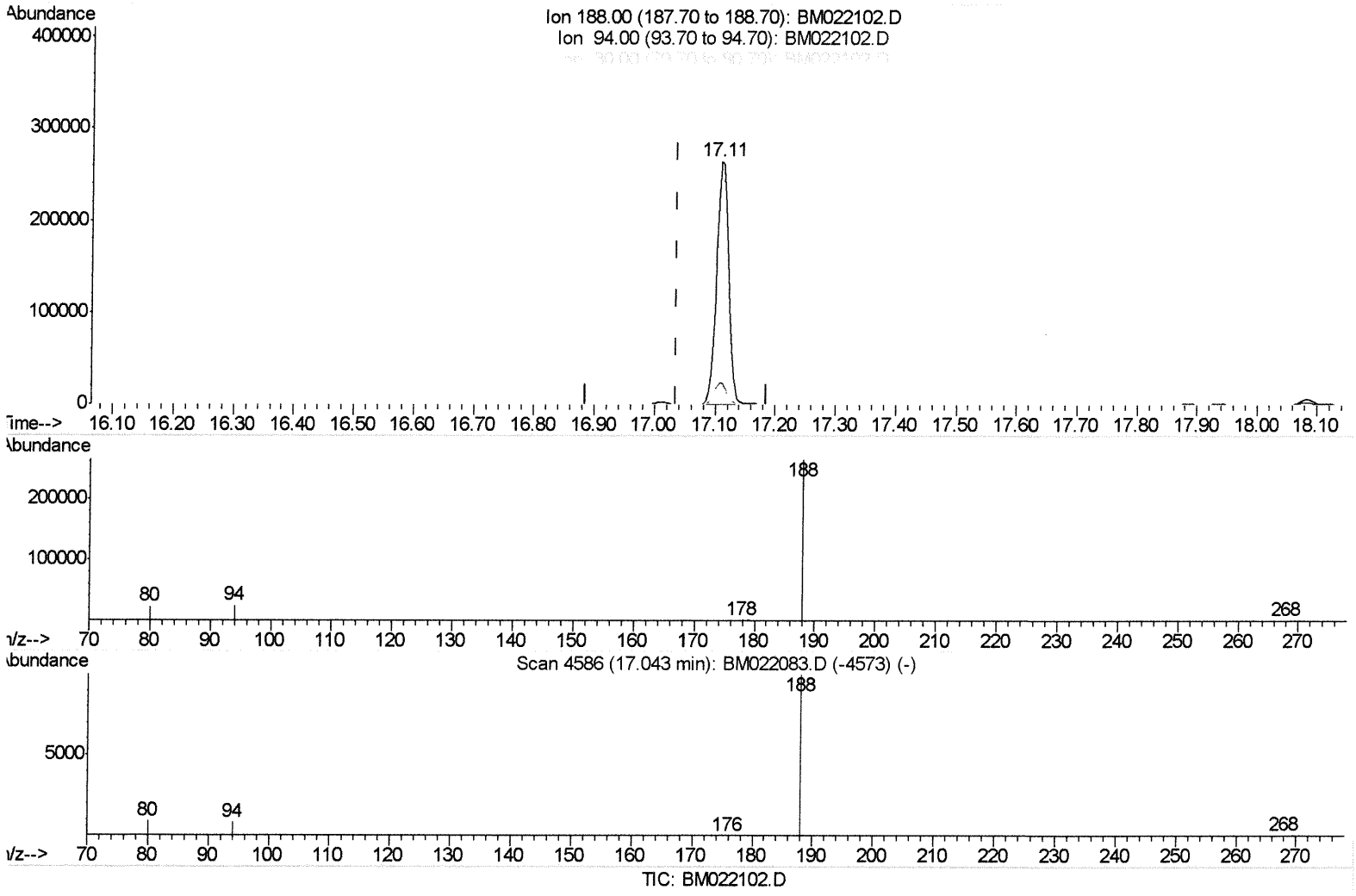
Quantitation Report (Quan)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022102.D
Acq On : 14 Aug 2019 11:29
Operator : HP/JU
Sample : K4304-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 14 14:37:37 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 13:53:23 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB5N5

Manual Integrations APPROVED
mohammad
8/15/2019 5:08:47 PM



TIC: BM022102.D

(10) Phenanthrene-d10 (I)

17.109min (+0.073) 0.40ng/ul

response 362807

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	8.99
80.00	11.40	8.56#
0.00	0.00	0.00

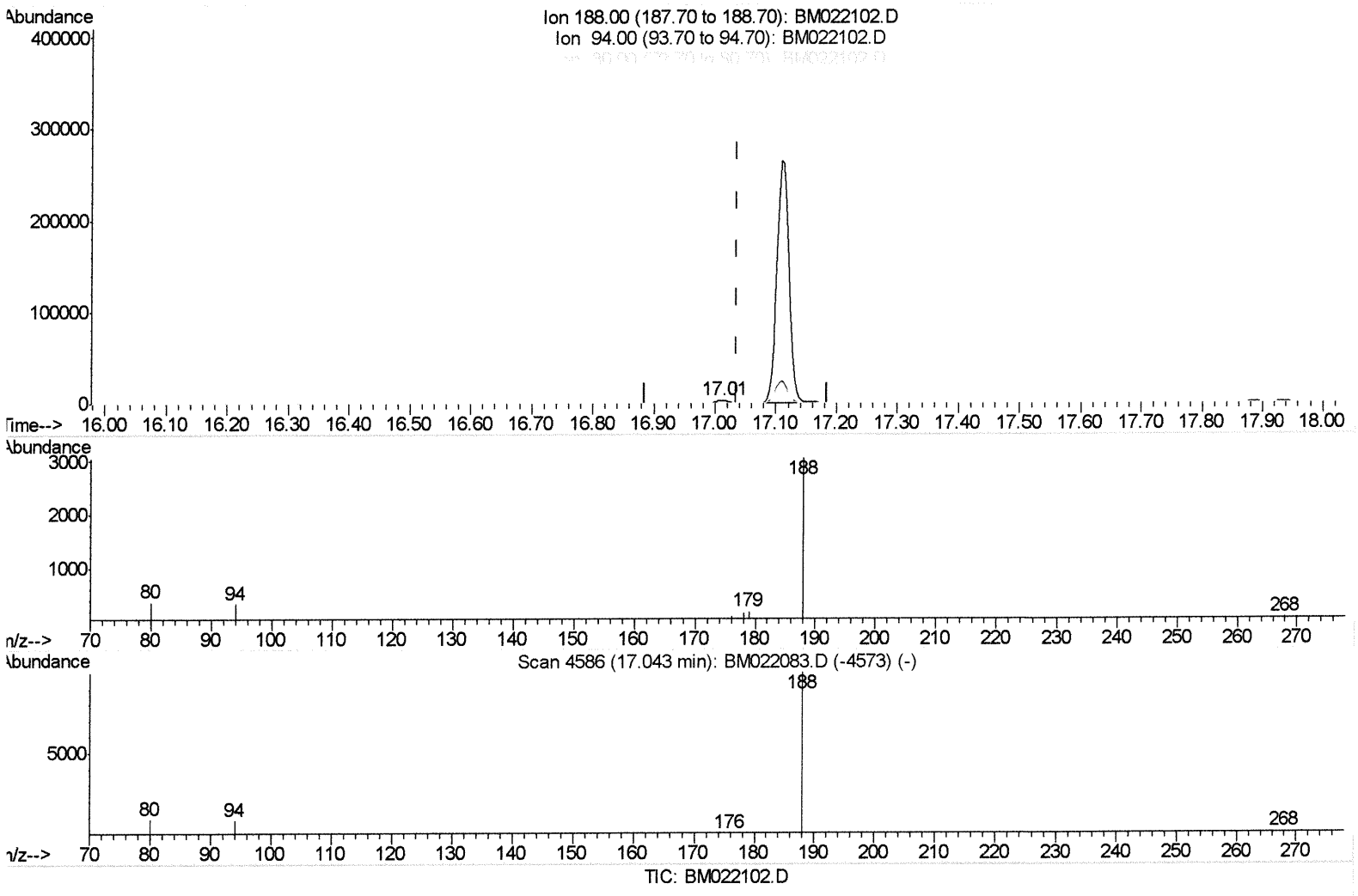
Quantitation Report (Quant)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022102.D
Acq On : 14 Aug 2019 11:29
Operator : HP/JU
Sample : K4304-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 14 14:37:37 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 13:53:23 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB5N5

Manual Integrations APPROVED
mohammad
8/15/2019 5:08:47 PM



TIC: BM022102.D

(10) Phenanthrene-d10 (I)

17.011min (-0.024) 0.40ng/ul m JU 08/15/19

response 4255

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	11.08
80.00	11.40	11.93
0.00	0.00	0.00

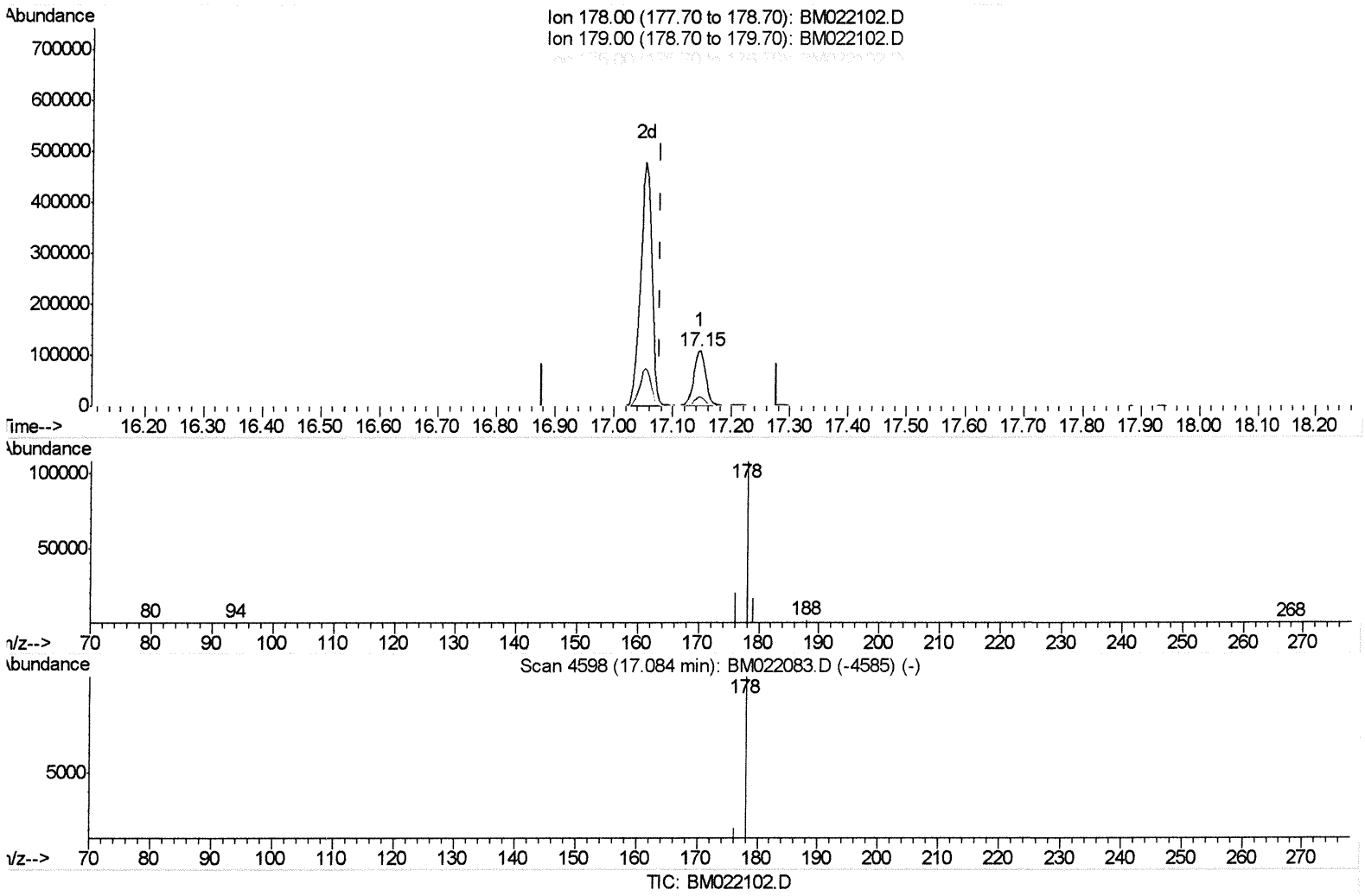
Quantitation Report (Quan)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022102.D
Acq On : 14 Aug 2019 11:29
Operator : HP/JU
Sample : K4304-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 14 14:38:07 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 13:53:23 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB5N5

Manual Integrations APPROVED
mohammad
8/15/2019 5:08:47 PM



TIC: BM022102.D

(12) Phenanthrene

17.147min (+0.069) 12.23ng/ul

response 151411

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	15.45
176.00	21.00	18.76
0.00	0.00	0.00

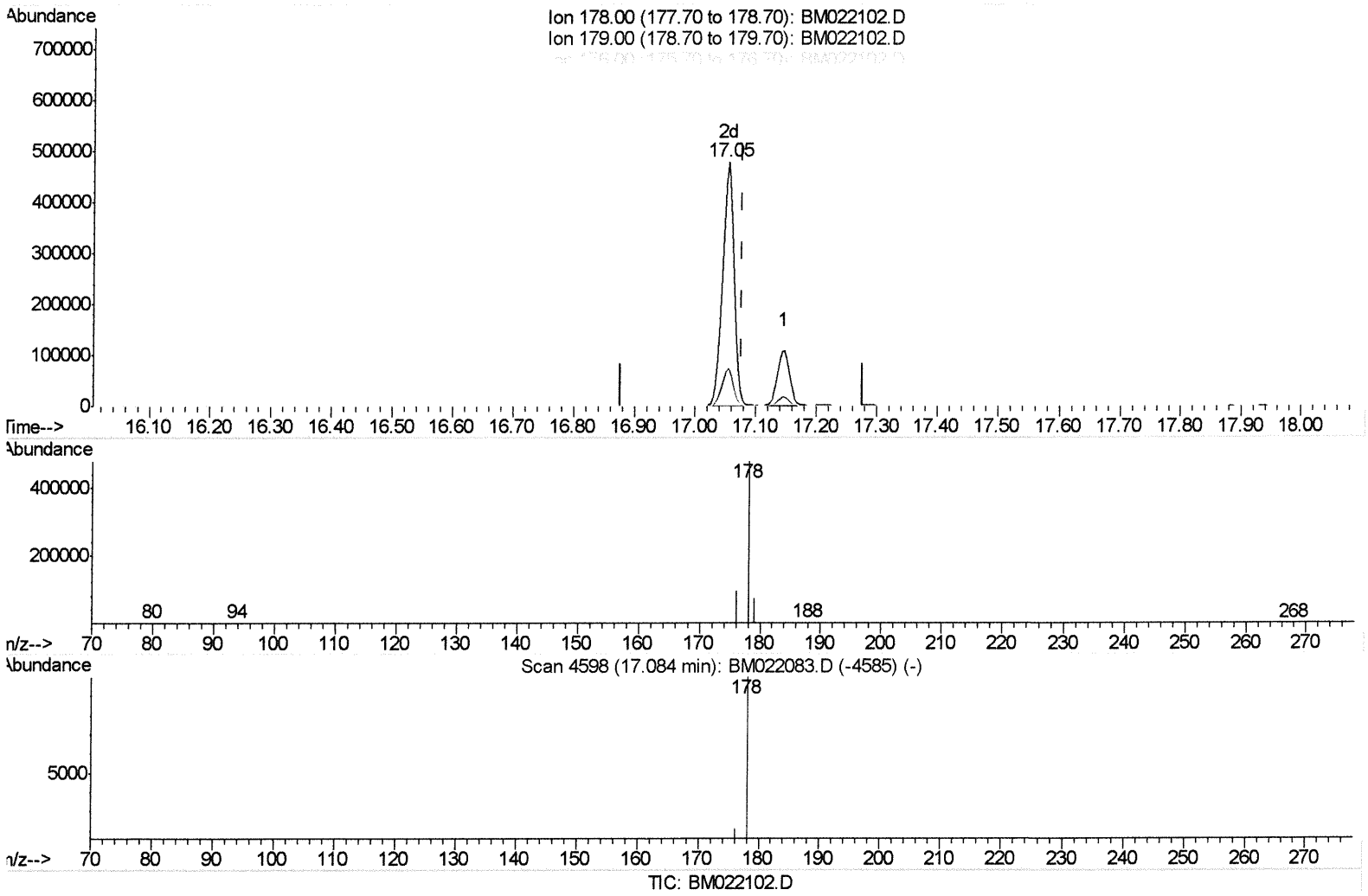
Quantitation Report (Quan)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022102.D
Acq On : 14 Aug 2019 11:29
Operator : HP/JU
Sample : K4304-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 14 14:38:07 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 13:53:23 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB5N5

Manual Integrations APPROVED
mohammad
8/15/2019 5:08:47 PM



(12) Phenanthrene

17.053min (-0.024) 52.24ng/ul m JU 08/15/19

response 646779

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	15.43
176.00	21.00	19.70
0.00	0.00	0.00

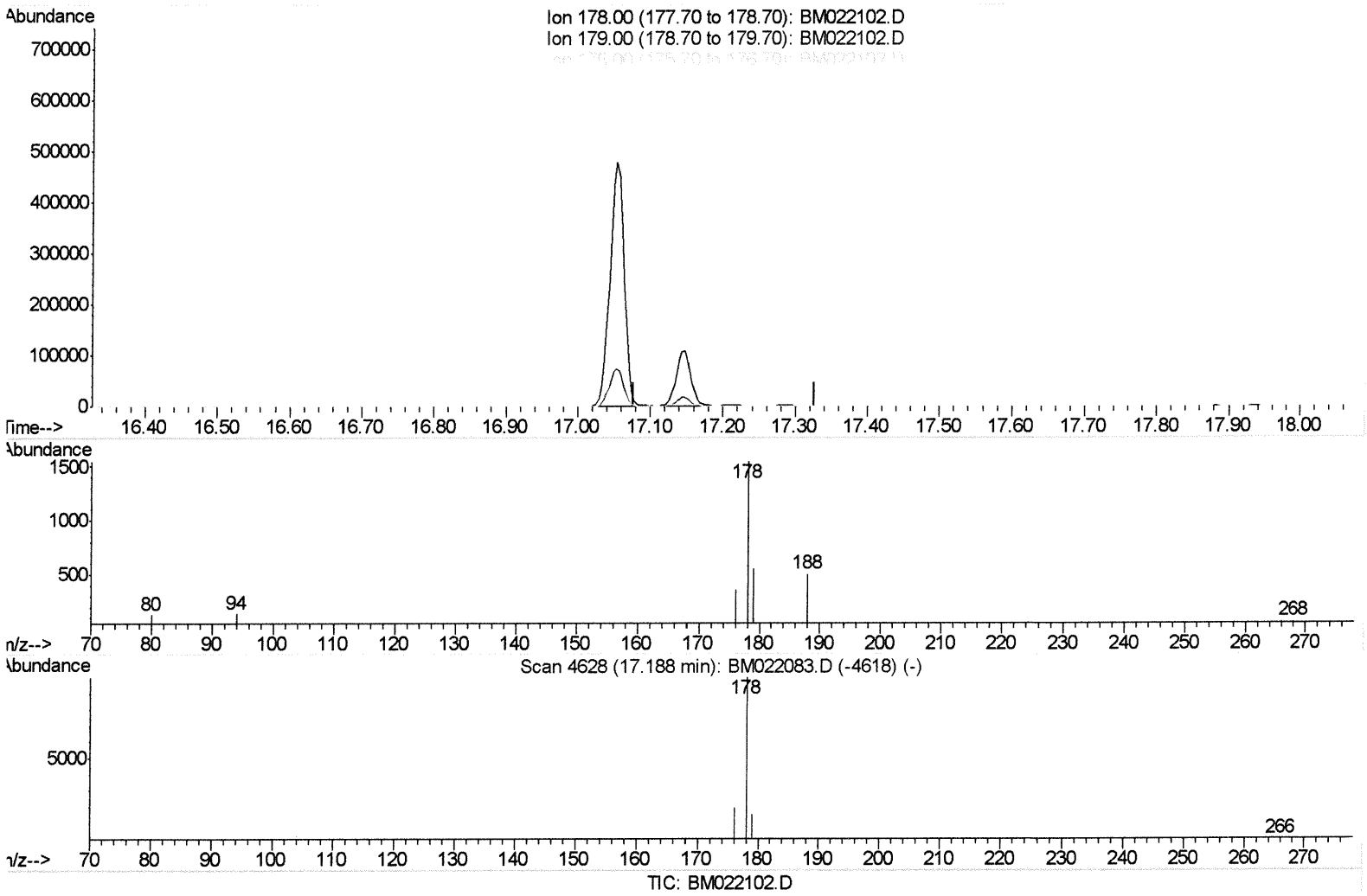
Quantitation Report (Quant)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022102.D
Acq On : 14 Aug 2019 11:29
Operator : HP/JU
Sample : K4304-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 14 14:38:07 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 13:53:23 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB5N5

Manual Integrations APPROVED
mohammad
8/15/2019 5:08:47 PM



TIC: BM022102.D

(13) Anthracene

17.178min (-17.178) 0.00ng/ul

response 0

Ion	Exp%	Act%
178.00	100	0.00
179.00	19.40	0.00#
176.00	20.80	0.00#
0.00	0.00	0.00

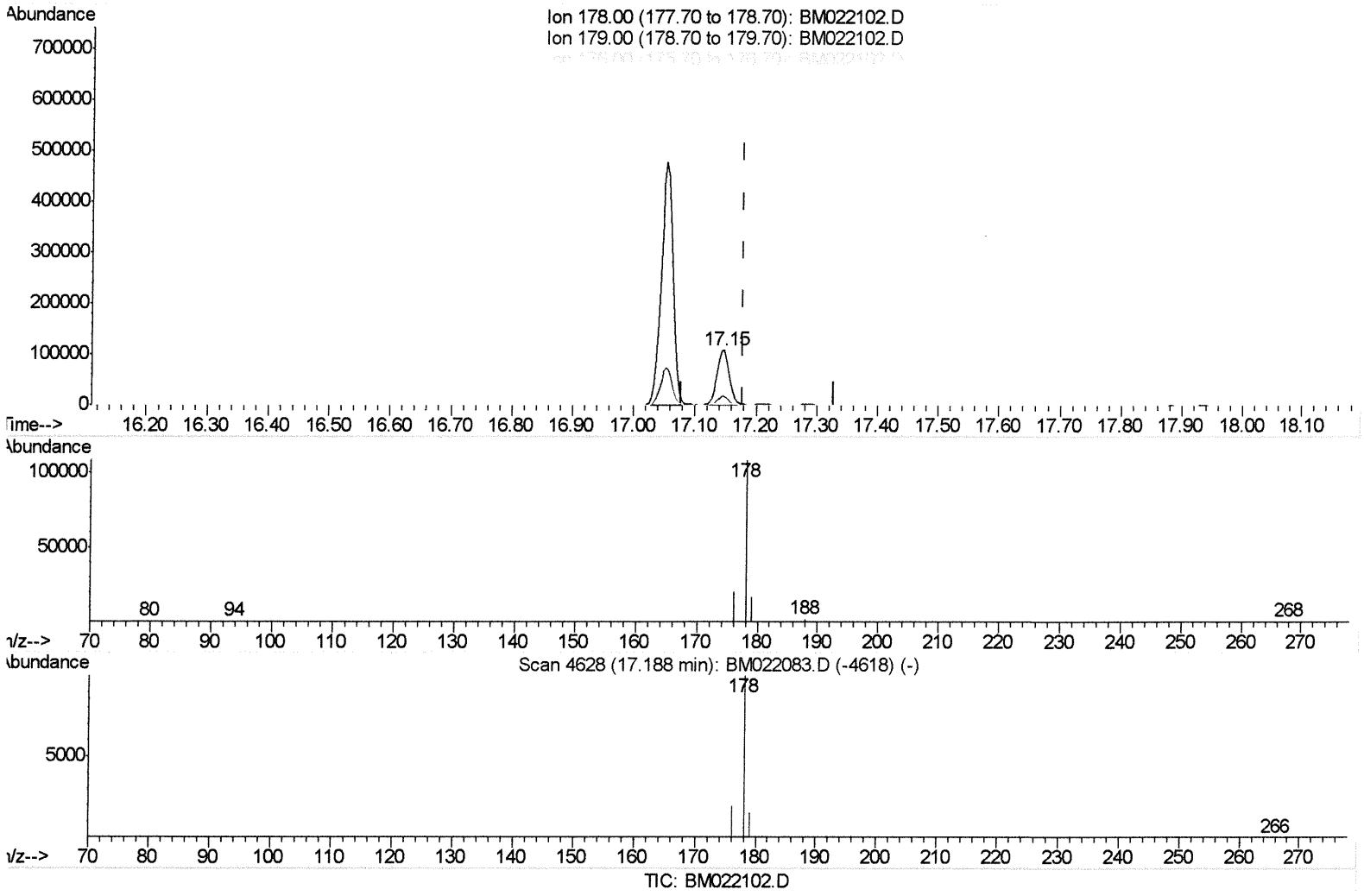
Quantitation Report (Quan)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022102.D
Acq On : 14 Aug 2019 11:29
Operator : HP/JU
Sample : K4304-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 14 14:38:07 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 13:53:23 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB5N5

Manual Integrations APPROVED
mohammad
8/15/2019 5:08:47 PM



(13) Anthracene

17.147min (-0.031) 14.26ng/ul m JV 08/15/19

response 150585

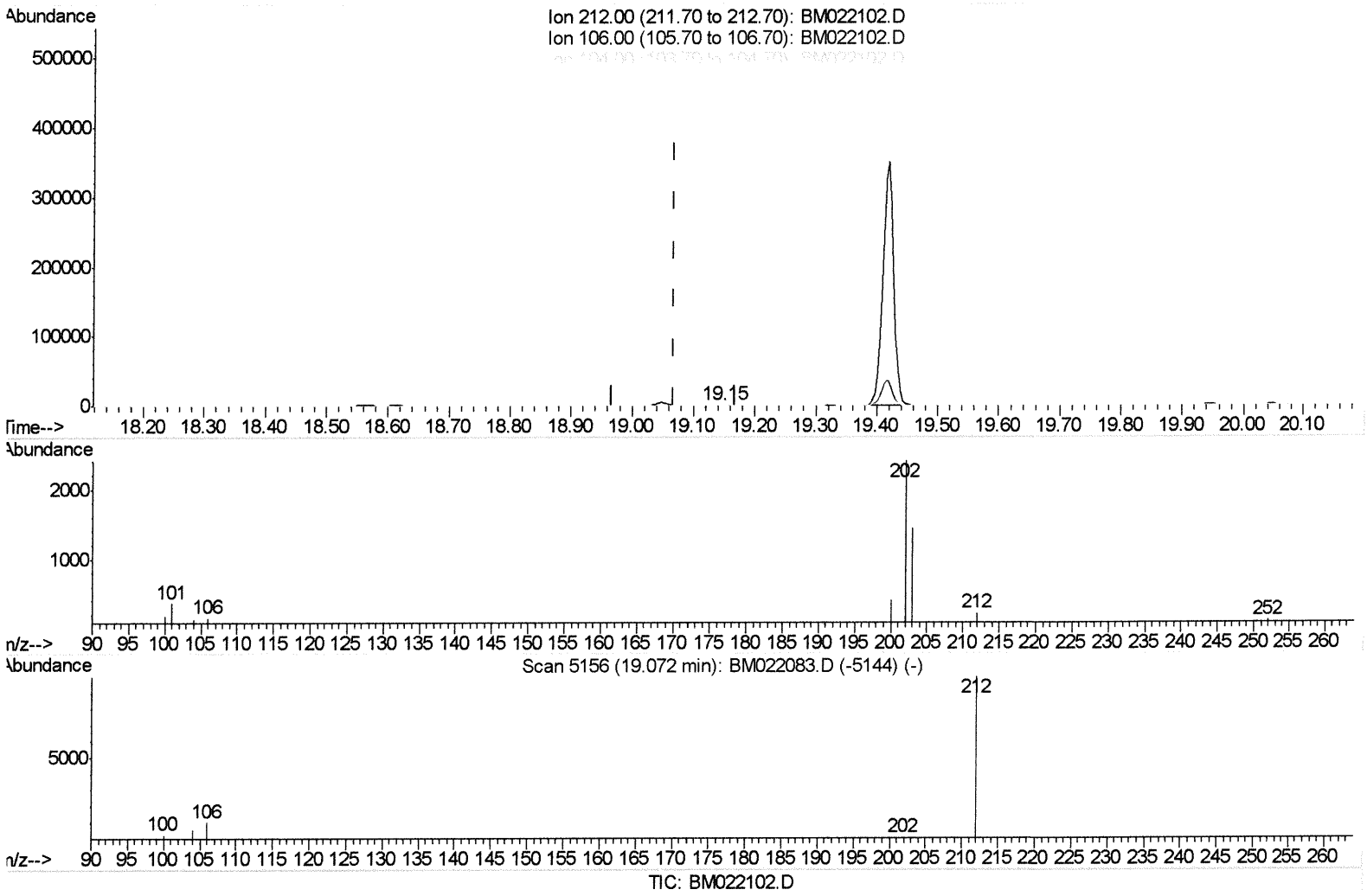
Ion	Exp%	Act%
178.00	100	100
179.00	19.40	15.45#
176.00	20.80	18.76
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022102.D
Acq On : 14 Aug 2019 11:29
Operator : HP/JU
Sample : K4304-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 14 14:38:07 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 13:53:23 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB5N5

Manual Integrations APPROVED
mohammad
8/15/2019 5:08:47 PM



TIC: BM022102.D

(14) Fluoranthene-d10 (SURR)

19.148min (+0.080) 0.02ng/ul

response 239

Ion	Exp%	Act%
212.00	100	100
106.00	9.90	10.04
104.00	6.00	48.95#
0.00	0.00	0.00

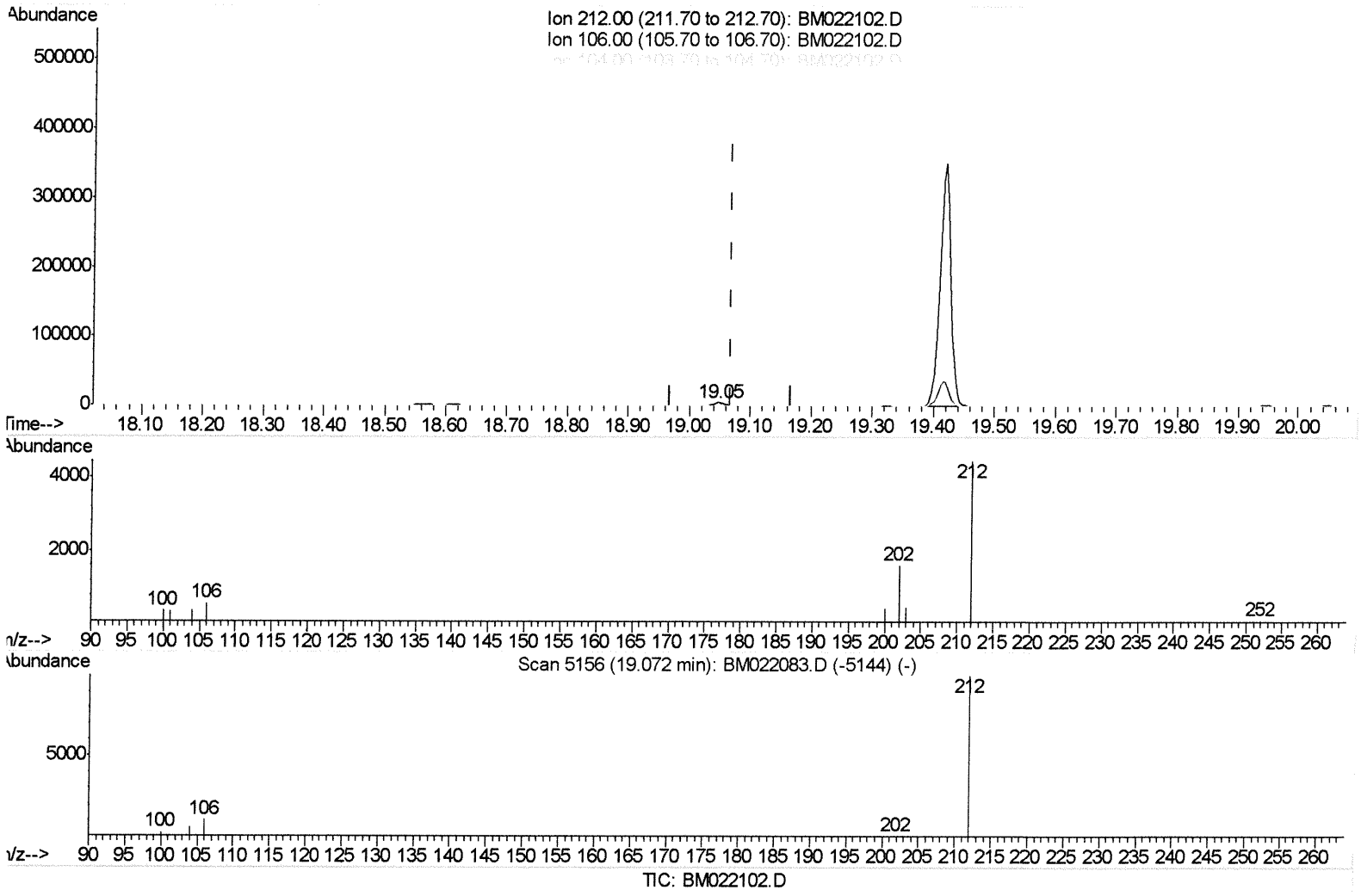
Quantitation Report (Quan)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022102.D
Acq On : 14 Aug 2019 11:29
Operator : HP/JU
Sample : K4304-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 14 14:38:07 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 13:53:23 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB5N5

Manual Integrations APPROVED
mohammad
8/15/2019 5:08:47 PM



TIC: BM022102.D

(14) Fluoranthene-d10 (SURR)

19.049min (-0.019) 0.43ng/ul m JU 08/15/19

response 6226

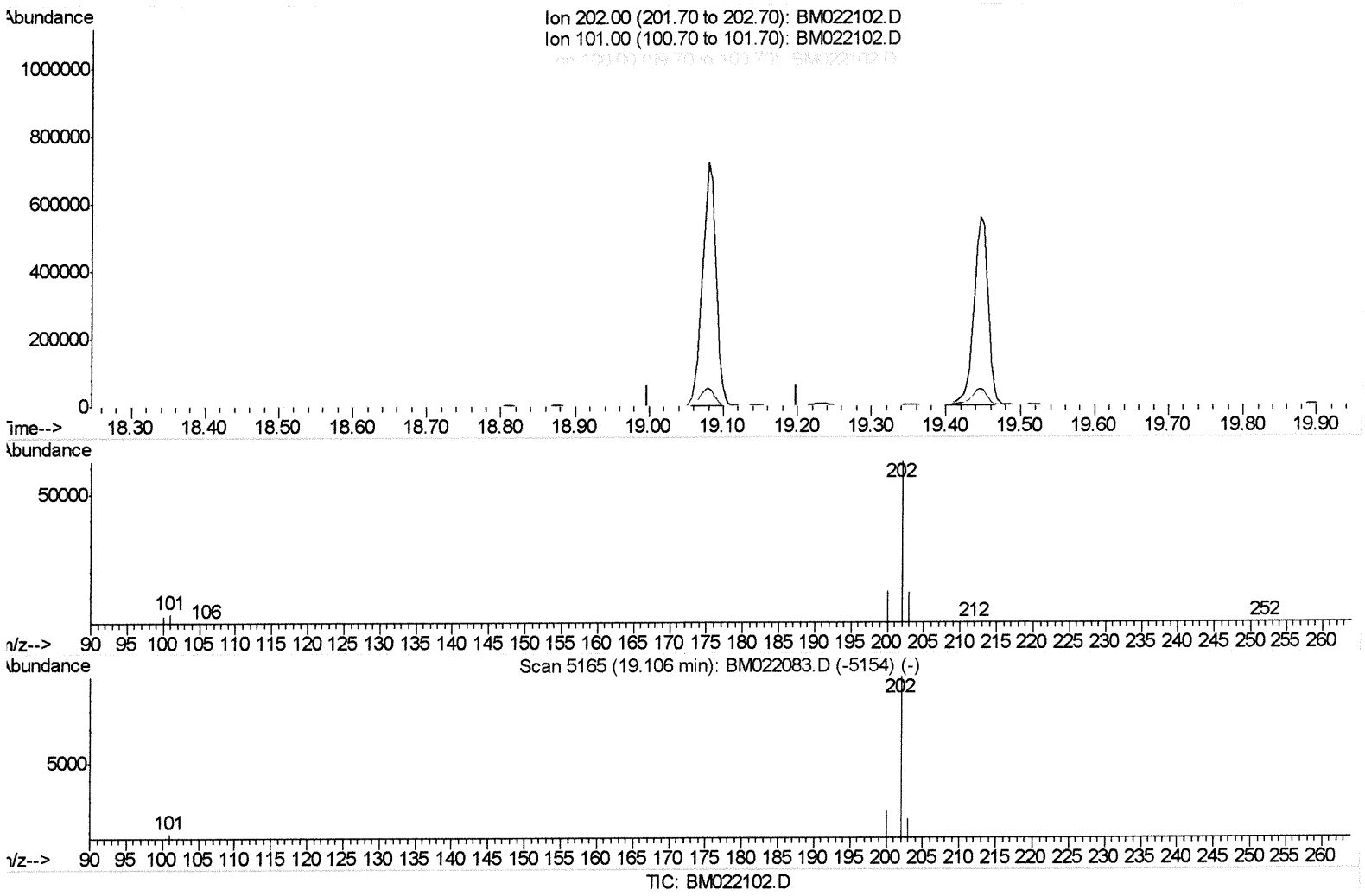
Ion	Exp%	Act%
212.00	100	100
106.00	9.90	0.39#
104.00	6.00	1.88#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022102.D
Acq On : 14 Aug 2019 11:29
Operator : HP/JU
Sample : K4304-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 14 14:38:07 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 13:53:23 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB5N5

Manual Integrations APPROVED
mohammad
8/15/2019 5:08:47 PM



(15) Fluoranthene (C)

19.098min (-19.098) 0.00ng/ul

response 0

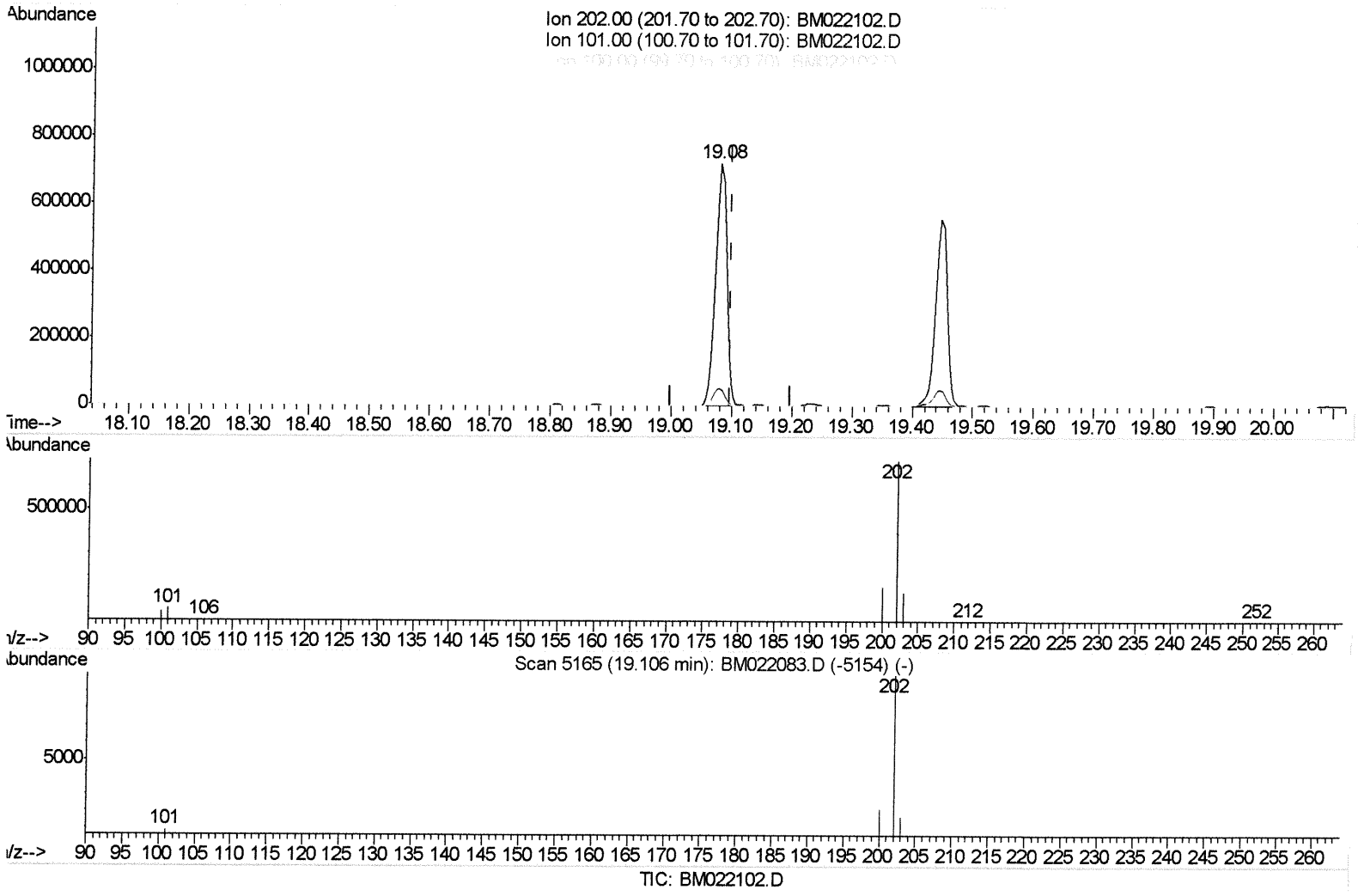
Ion	Exp%	Act%
202.00	100	0.00
101.00	10.20	0.00
100.00	8.10	0.00
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022102.D
Acq On : 14 Aug 2019 11:29
Operator : HP/JU
Sample : K4304-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 14 14:38:07 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 13:53:23 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB5N5

Manual Integrations APPROVED
mohammad
8/15/2019 5:08:47 PM



TIC: BM022102.D

(15) Fluoranthene (C)

19.079min (-0.019) 54.88ng/ul m JU 08/15/19

response 910246

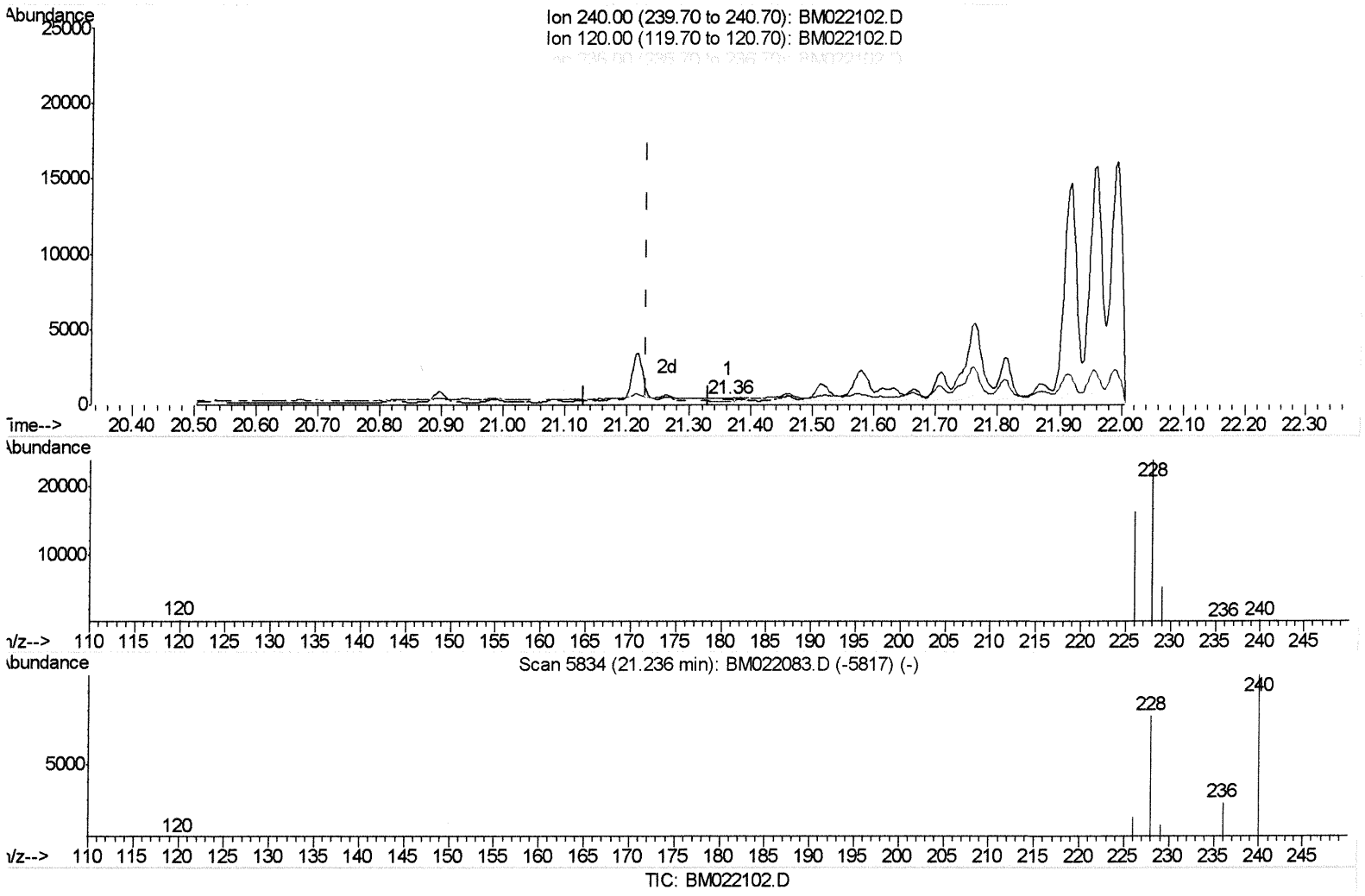
Ion	Exp%	Act%
202.00	100	100
101.00	10.20	7.26
100.00	8.10	5.65
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022102.D
Acq On : 14 Aug 2019 11:29
Operator : HP/JU
Sample : K4304-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 14 14:38:07 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 13:53:23 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB5N5

Manual Integrations APPROVED
mohammad
8/15/2019 5:08:47 PM



(16) Chrysene-d12 (I)

21.362min (+0.131) 0.40ng/ul

response 163

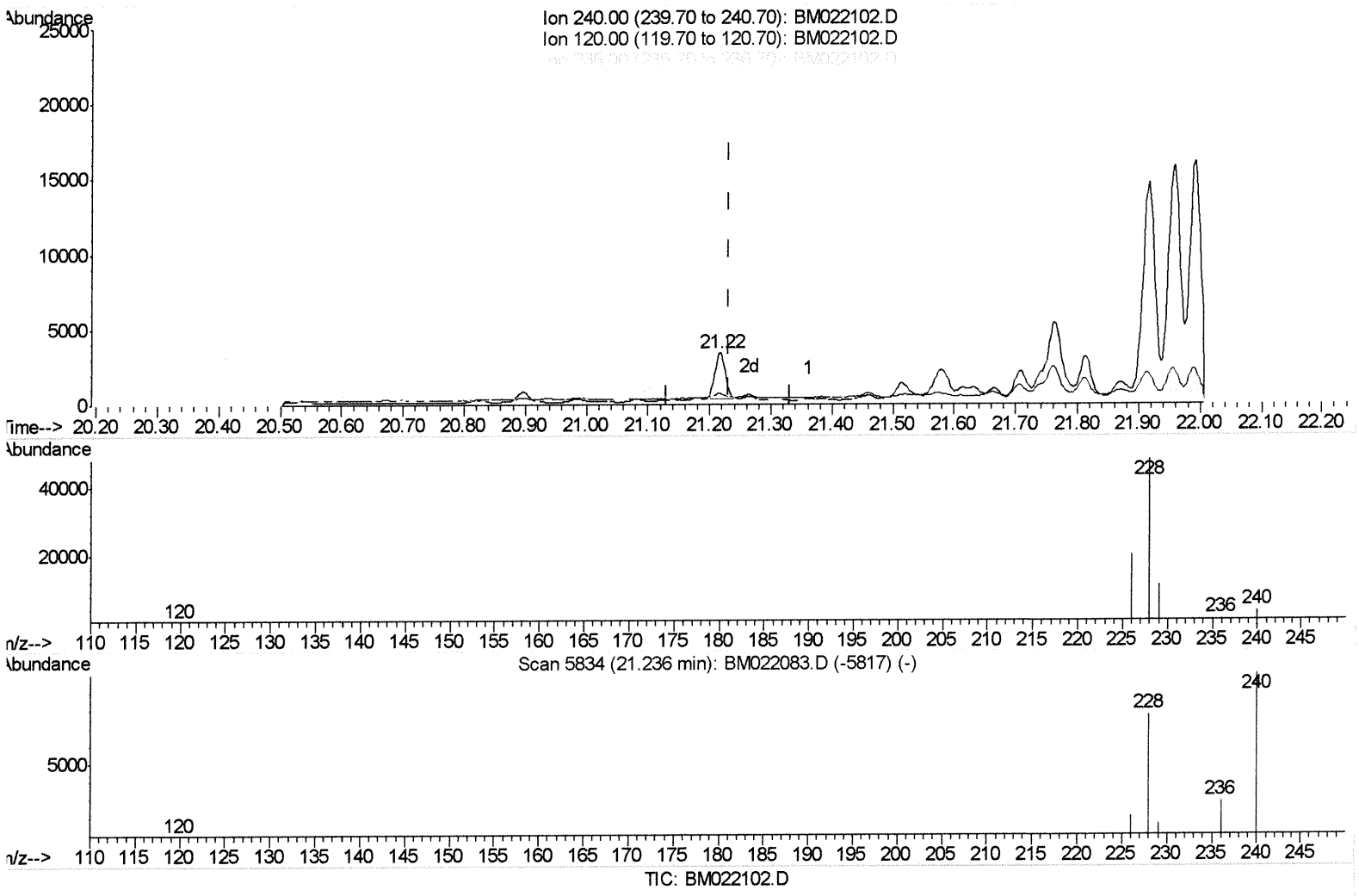
Ion	Exp%	Act%
240.00	100	100
120.00	16.20	127.99#
236.00	32.30	72.28#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022102.D
Acq On : 14 Aug 2019 11:29
Operator : HP/JU
Sample : K4304-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 14 14:38:07 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 13:53:23 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB5N5

Manual Integrations APPROVED
mohammad
8/15/2019 5:08:47 PM



(16) Chrysene-d12 (I)

21.217min (-0.015) 0.40ng/ul m JU 08/15/19

response 3750

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	21.14#
236.00	32.30	34.29
0.00	0.00	0.00

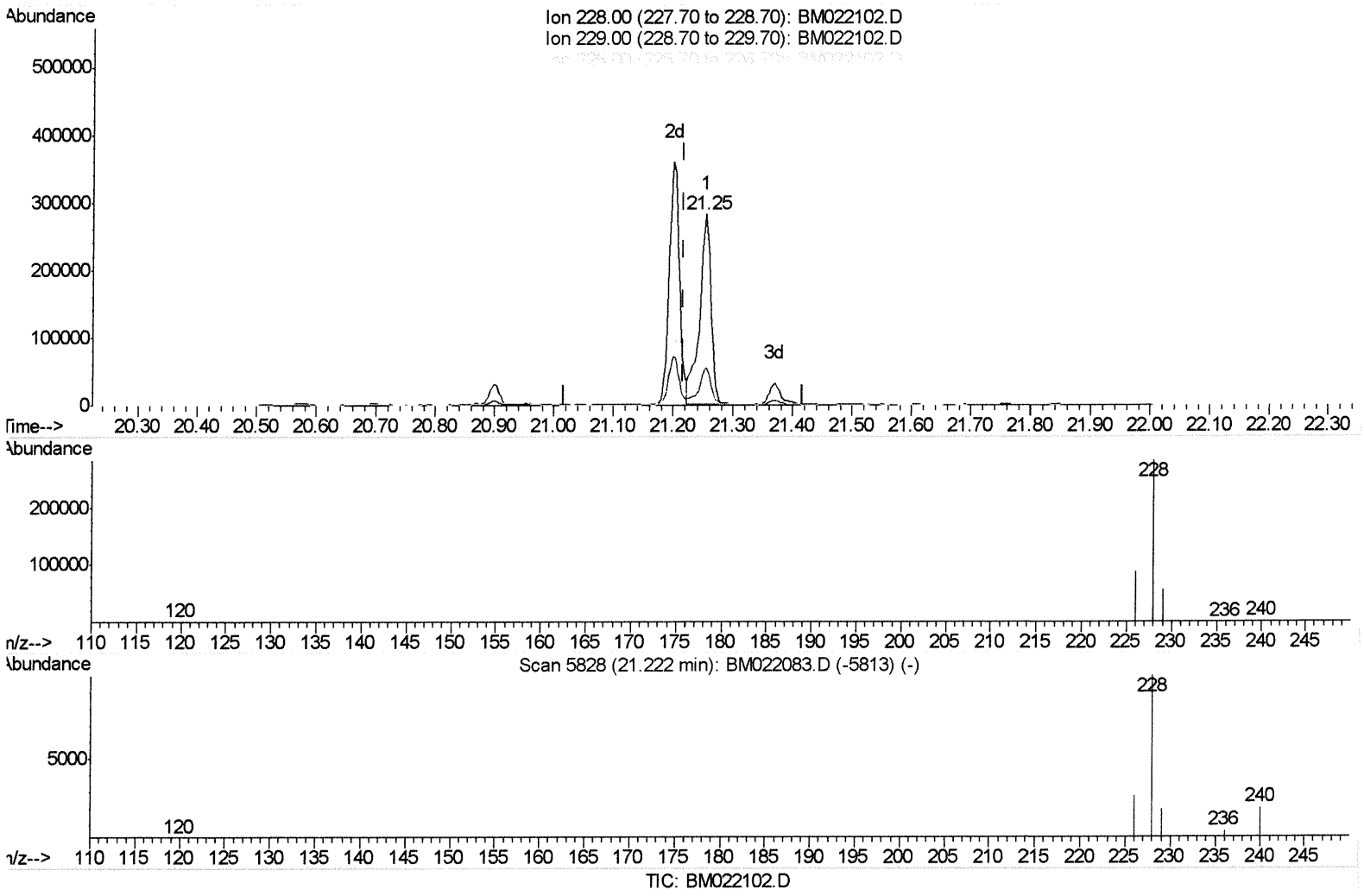
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022102.D
Acq On : 14 Aug 2019 11:29
Operator : HP/JU
Sample : K4304-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 14 14:40:58 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 13:53:23 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB5N5

Manual Integrations APPROVED
mohammad
8/15/2019 5:08:47 PM



TIC: BM022102.D

(18) Benzo(a)anthracene

21.253min (+0.036) 28.45ng/ul

response 381603

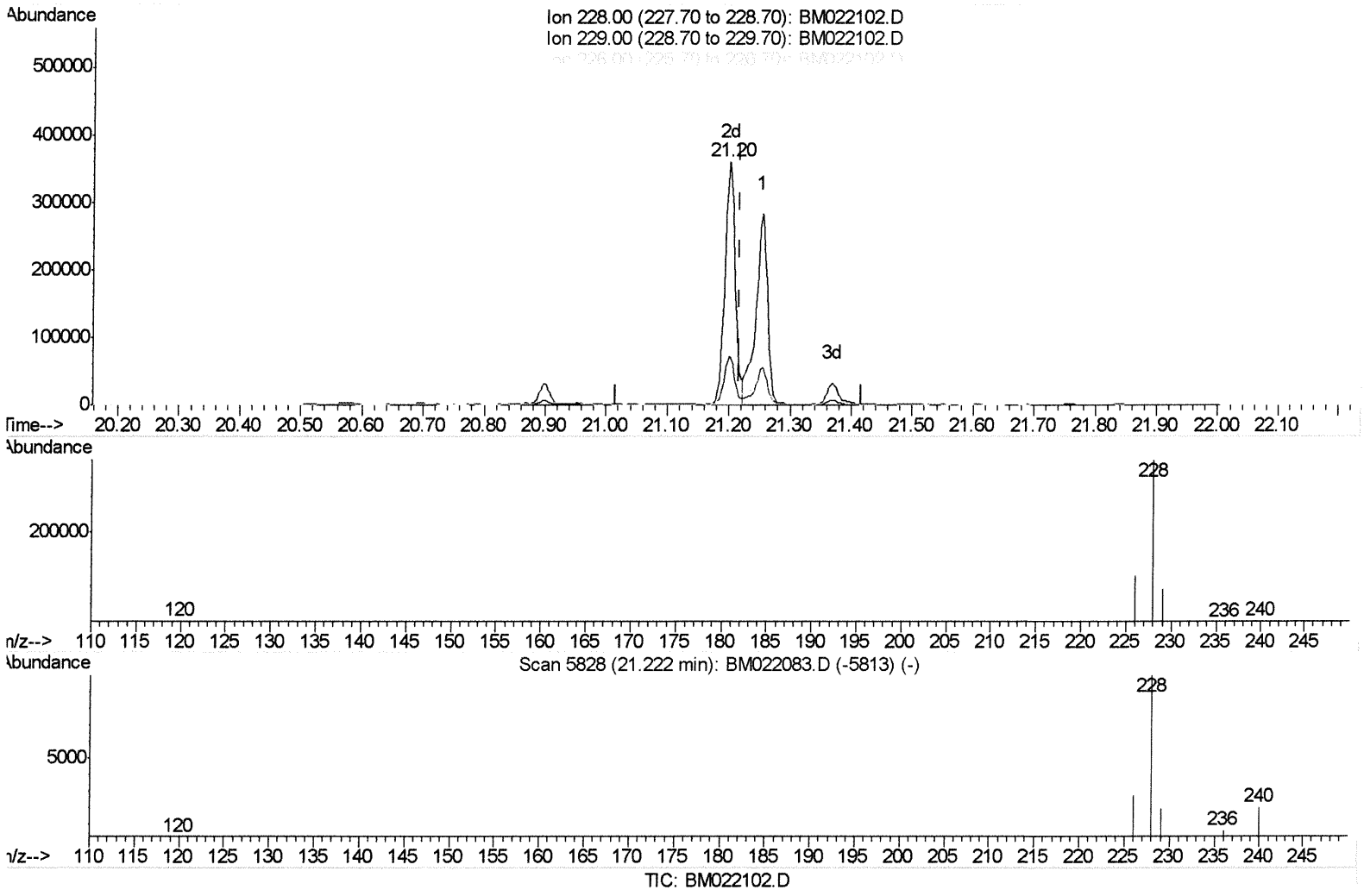
Ion	Exp%	Act%
228.00	100	100
229.00	21.50	19.95
226.00	28.30	31.14
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022102.D
Acq On : 14 Aug 2019 11:29
Operator : HP/JU
Sample : K4304-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 14 14:40:58 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 13:53:23 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB5N5

Manual Integrations APPROVED
mohammad
8/15/2019 5:08:47 PM



TIC: BM022102.D

(18) Benzo(a)anthracene

21.200min (-0.017) 32.00ng/ul m

JU 08/15/19

response 429169

Ion	Exp%	Act%
228.00	100	100
229.00	21.50	20.16
226.00	28.30	28.27
0.00	0.00	0.00

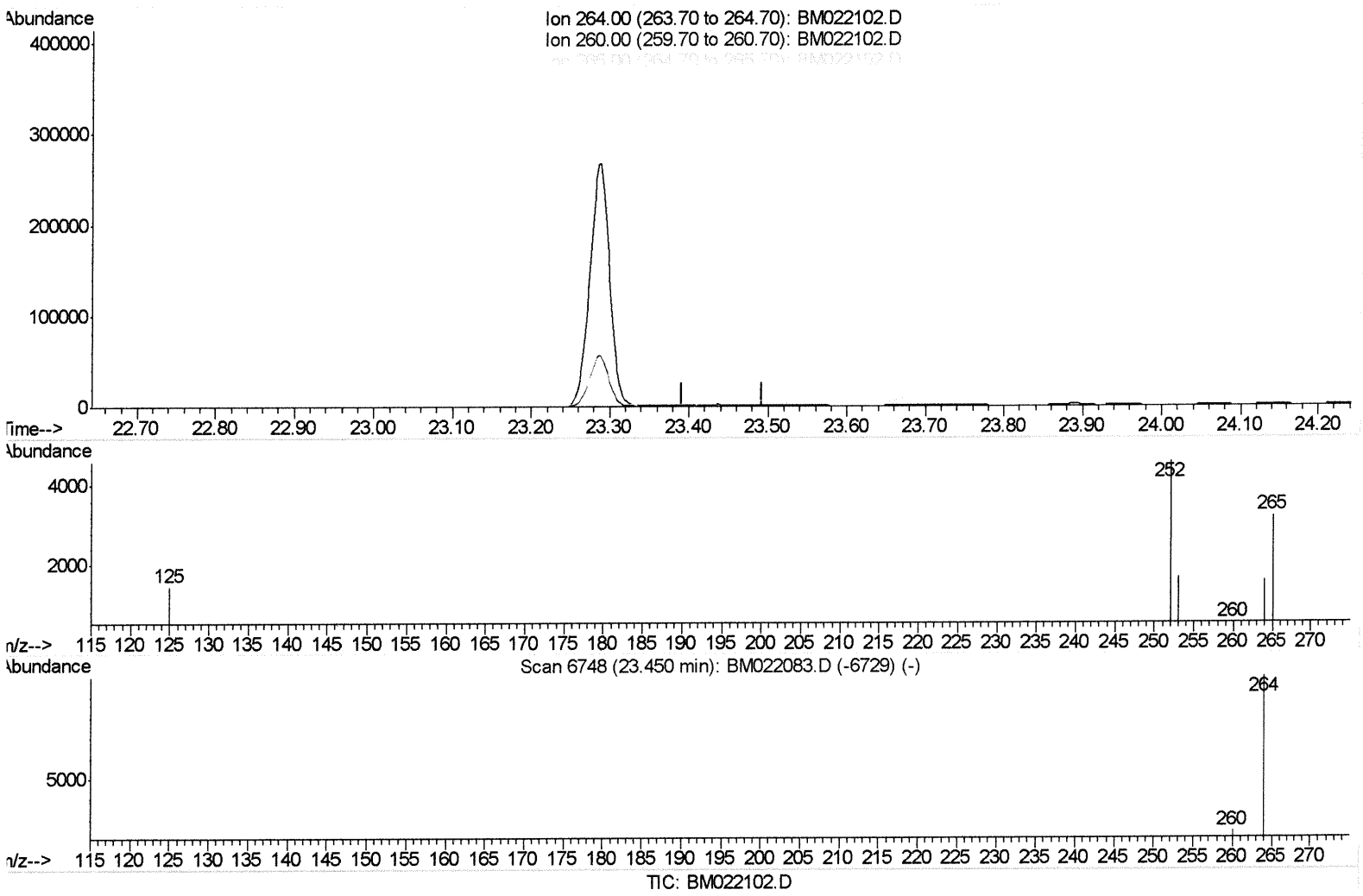
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022102.D
Acq On : 14 Aug 2019 11:29
Operator : HP/JU
Sample : K4304-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 14 14:40:58 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 13:53:23 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB5N5

Manual Integrations APPROVED
mohammad
8/15/2019 5:08:47 PM



TIC: BM022102.D

(20) Perylene-d12 (I)

23.442min (-23.442) 0.00ng/ul

response 0

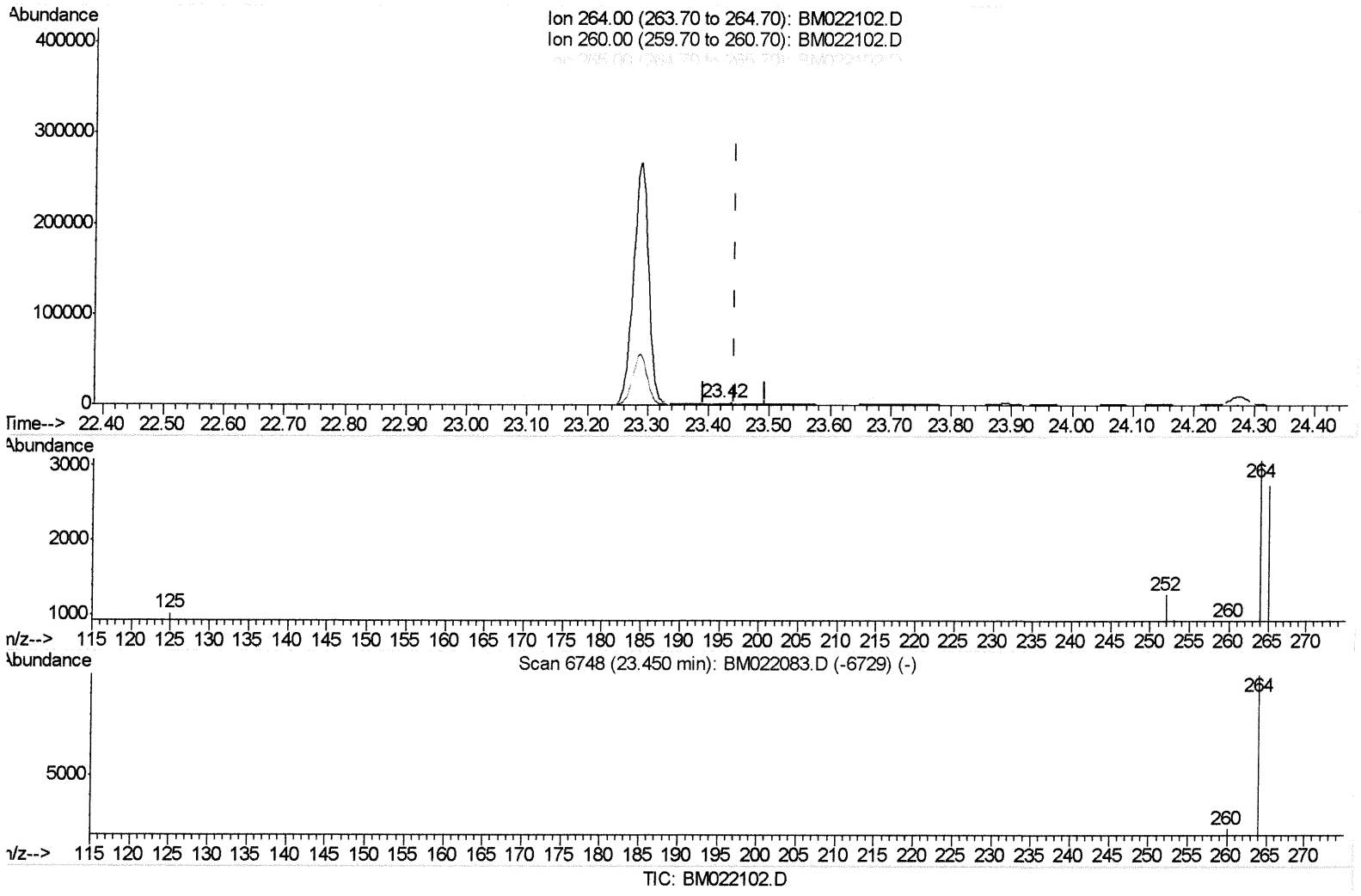
Ion	Exp%	Act%
264.00	100	0.00
260.00	27.50	0.00#
265.00	117.00	0.00#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022102.D
Acq On : 14 Aug 2019 11:29
Operator : HP/JU
Sample : K4304-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 14 14:40:58 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 13:53:23 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB5N5

Manual Integrations APPROVED
mohammad
8/15/2019 5:08:47 PM



TIC: BM022102.D

(20) Perylene-d12 (I)

23.423min (-0.019) 0.40ng/ul m JU 08/15/19

response 3933

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	30.23
265.00	117.00	88.90#
0.00	0.00	0.00

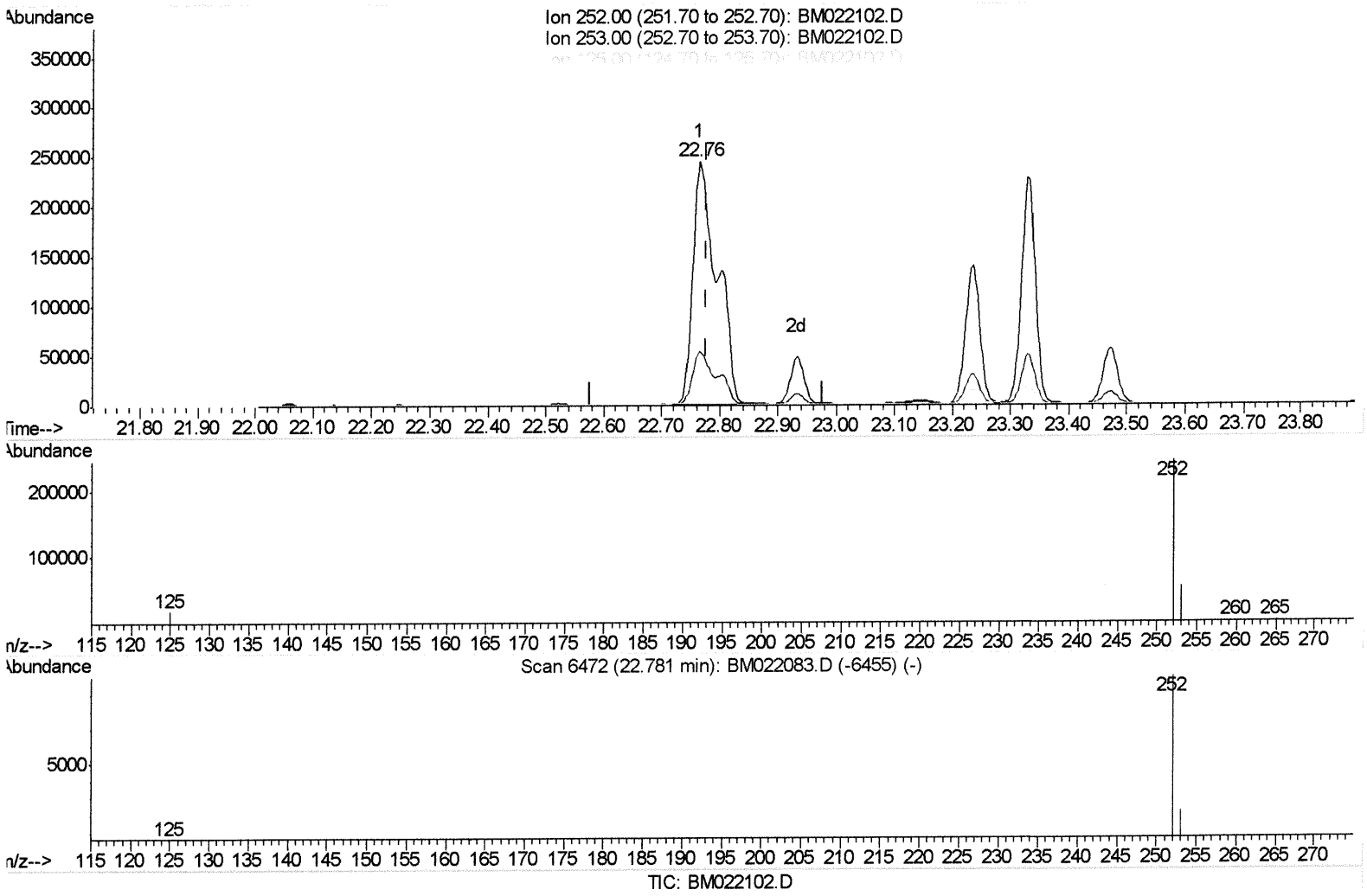
Quantitation Report (QedIt)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022102.D
Acq On : 14 Aug 2019 11:29
Operator : HP/JU
Sample : K4304-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 14 14:42:00 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 13:53:23 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB5N5

Manual Integrations APPROVED
mohammad
8/15/2019 5:08:47 PM



TIC: BM022102.D

(21) Benzo(b)fluoranthene

22.764min (-0.012) 53.26ng/ul

response 706431

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	22.18
125.00	15.50	7.61
0.00	0.00	0.00

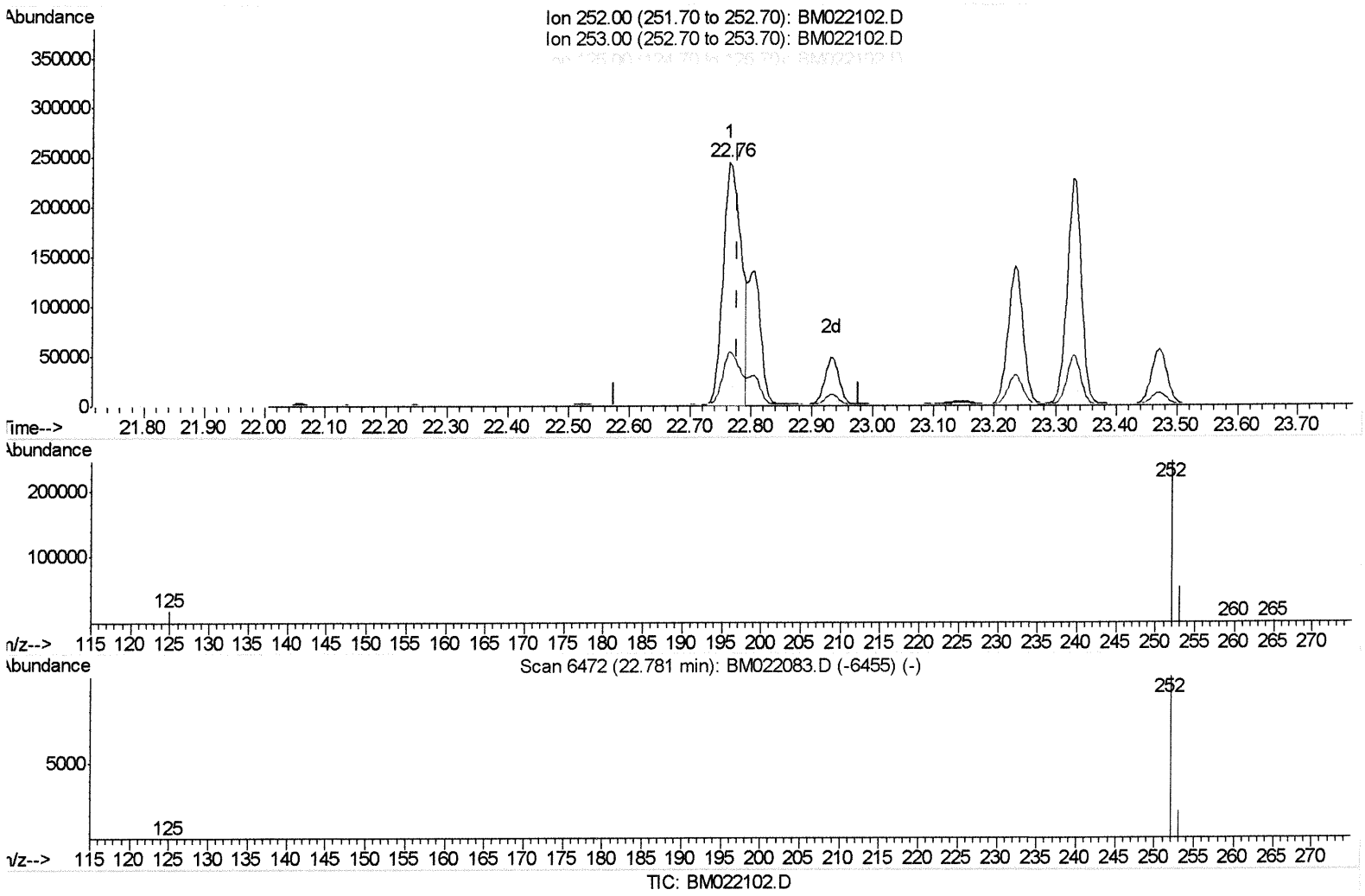
Quantitation Report (Quan)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022102.D
Acq On : 14 Aug 2019 11:29
Operator : HP/JU
Sample : K4304-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 14 14:42:00 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 13:53:23 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB5N5

Manual Integrations APPROVED
mohammad
8/15/2019 5:08:47 PM



TIC: BM022102.D

(21) Benzo(b)fluoranthene

22.764min (-0.012) 38.23ng/ul m JU 08/15/19

response 506995

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	22.18
125.00	15.50	7.61
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022102.D
Acq On : 14 Aug 2019 11:29
Operator : HP/JU
Sample : K4304-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 14 14:42:00 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 13:53:23 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB5N5

Manual Integrations APPROVED
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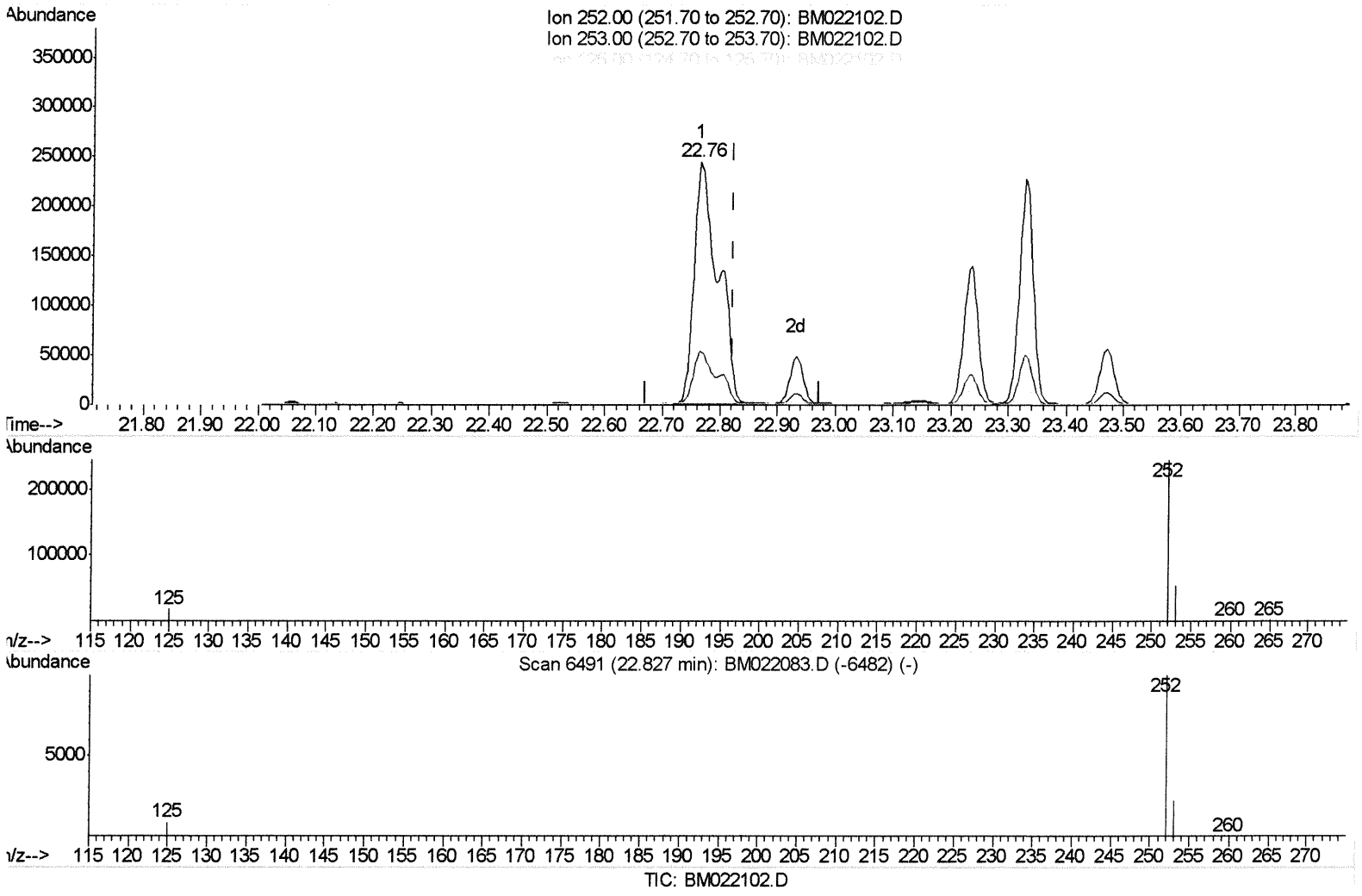

TIC: BM022102.D

(22) Benzo(k)fluoranthene

22.764min (-0.058) 47.08ng/ul

response 706588

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	22.18#
125.00	15.20	7.61#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022102.D
Acq On : 14 Aug 2019 11:29
Operator : HP/JU
Sample : K4304-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 14 14:42:00 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 13:53:23 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB5N5

Manual Integrations APPROVED

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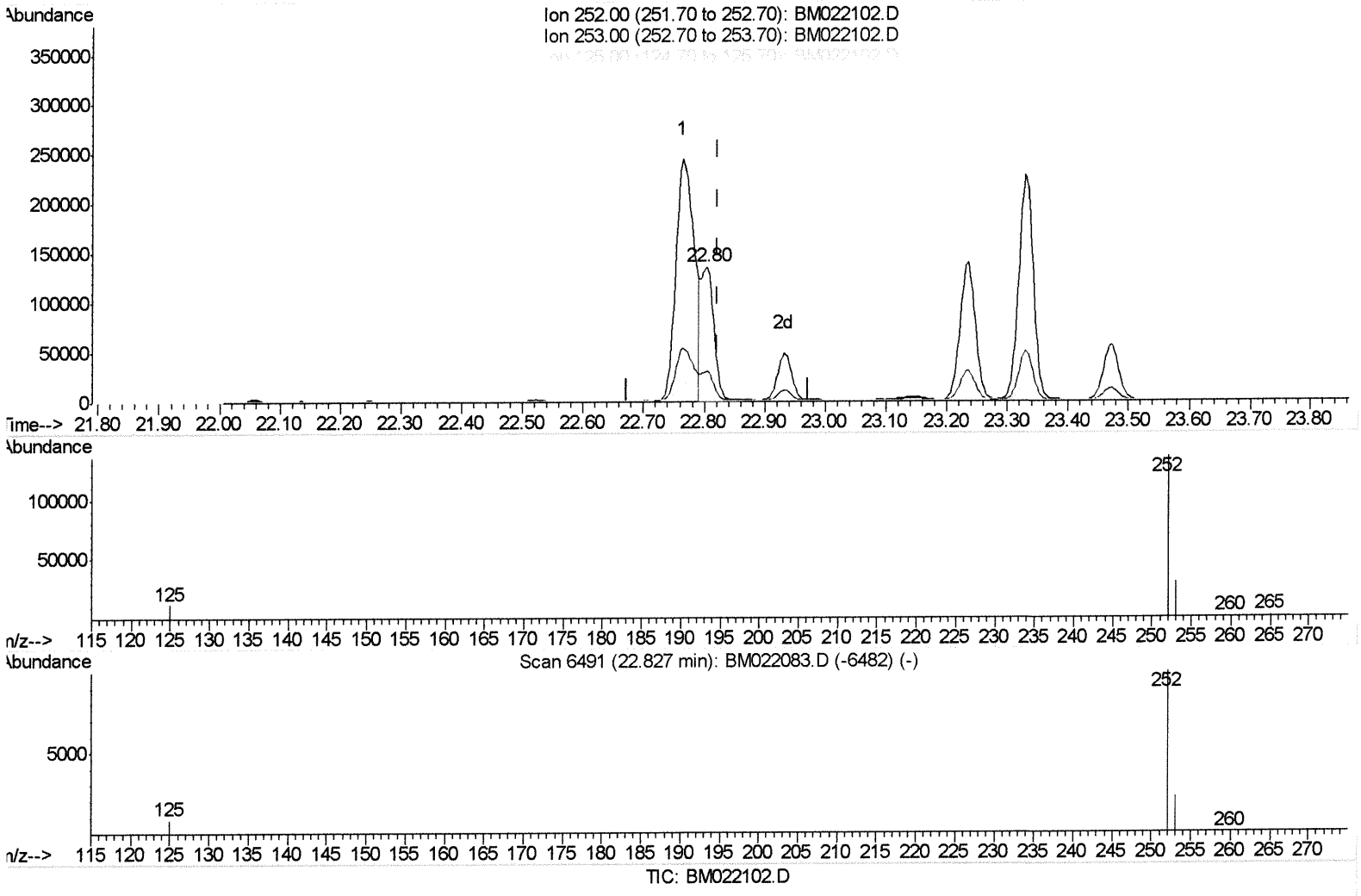


(22) Benzo(k)fluoranthene

22.803min (-0.019) 13.80ng/ul m JU 08/15/19

response 207105

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	22.28#
125.00	15.20	8.82#
0.00	0.00	0.00

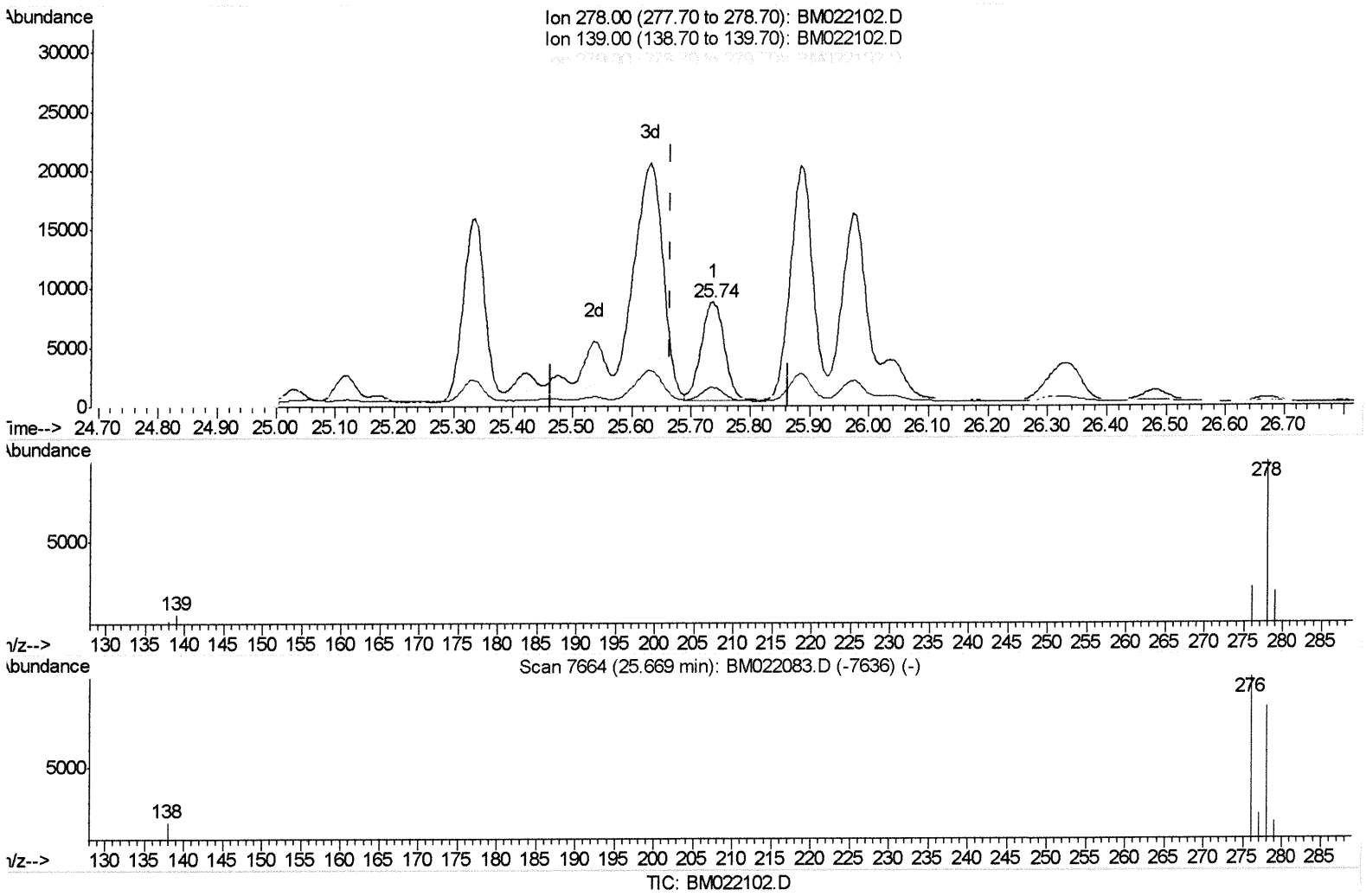
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022102.D
Acq On : 14 Aug 2019 11:29
Operator : HP/JU
Sample : K4304-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 14 14:42:00 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 13:53:23 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB5N5

Manual Integrations APPROVED
mohammad
8/15/2019 5:08:47 PM



(25) Dibenzo(a,h)anthracene

25.737min (+0.073) 1.74ng/ul

response 22695

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	17.83
279.00	35.40	29.82
0.00	0.00	0.00

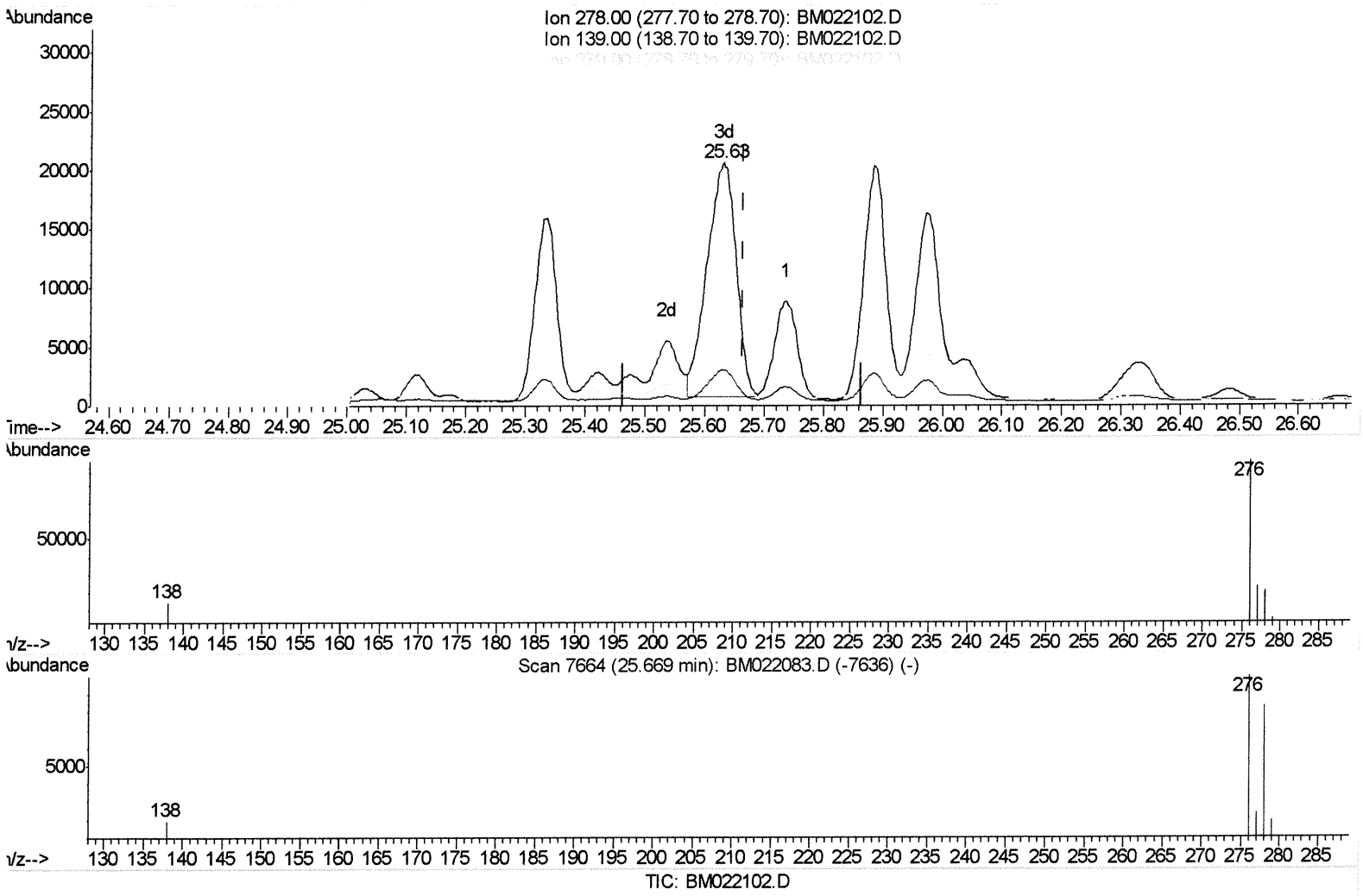
Quantitation Report (Quant)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022102.D
Acq On : 14 Aug 2019 11:29
Operator : HP/JU
Sample : K4304-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 14 14:42:00 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 13:53:23 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB5N5

Manual Integrations APPROVED
mohammad
8/15/2019 5:08:47 PM



TIC: BM022102.D

(25) Dibenzo(a,h)anthracene

25.630min (-0.034) 5.21ng/ul m JU 08/15/19

response 67807

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	14.70
279.00	35.40	24.75#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022102.D
Acq On : 14 Aug 2019 11:29
Operator : HP/JU
Sample : K4304-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 14 14:43:53 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 13:53:23 2019
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : CB5N5

Manual Integrations APPROVED
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8/15/2019 5:08:47 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	910	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.37	136	3924	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.25	164	2196	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.01	188	4255m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	3750m	0.40	ng/ul	-0.01
20) Perylene-d12	23.42	264	3933m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	2978	0.46	ng/ul	-0.04
14) Fluoranthene-d10	19.05	212	6226m	0.43	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.42	128	81687	7.370	ng/ul#	91
5) 2-Methylnaphthalene	12.05	142	21661	2.933	ng/ul	97
7) Acenaphthylene	13.97	152	15797	1.542	ng/ul#	82
8) Acenaphthene	14.31	153	48980	5.845	ng/ul	96
9) Fluorene	15.31	166	54726	5.880	ng/ul	97
12) Phenanthrene	17.05	178	646779m	52.241	ng/ul	
13) Anthracene	17.15	178	150585m	14.259	ng/ul	
15) Fluoranthene	19.08	202	910246m	54.885	ng/ul	
17) Pyrene	19.45	202	738590	47.930	ng/ul	96
18) Benzo(a)anthracene	21.20	228	429169m	31.995	ng/ul	
19) Chrysene	21.25	228	379380	21.992	ng/ul	99
21) Benzo(b)fluoranthene	22.76	252	506995m	38.227	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	207105m	13.799	ng/ul	
23) Benzo(a)pyrene	23.33	252	372625	27.627	ng/ul#	73
24) Indeno(1,2,3-cd)pyrene	25.63	276	246541	15.309	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.63	278	67807m	5.209	ng/ul	
26) Benzo(g,h,i)perylene	26.31	276	200270	13.813	ng/ul	95

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JU 08/15/19

JU 08/15/19

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