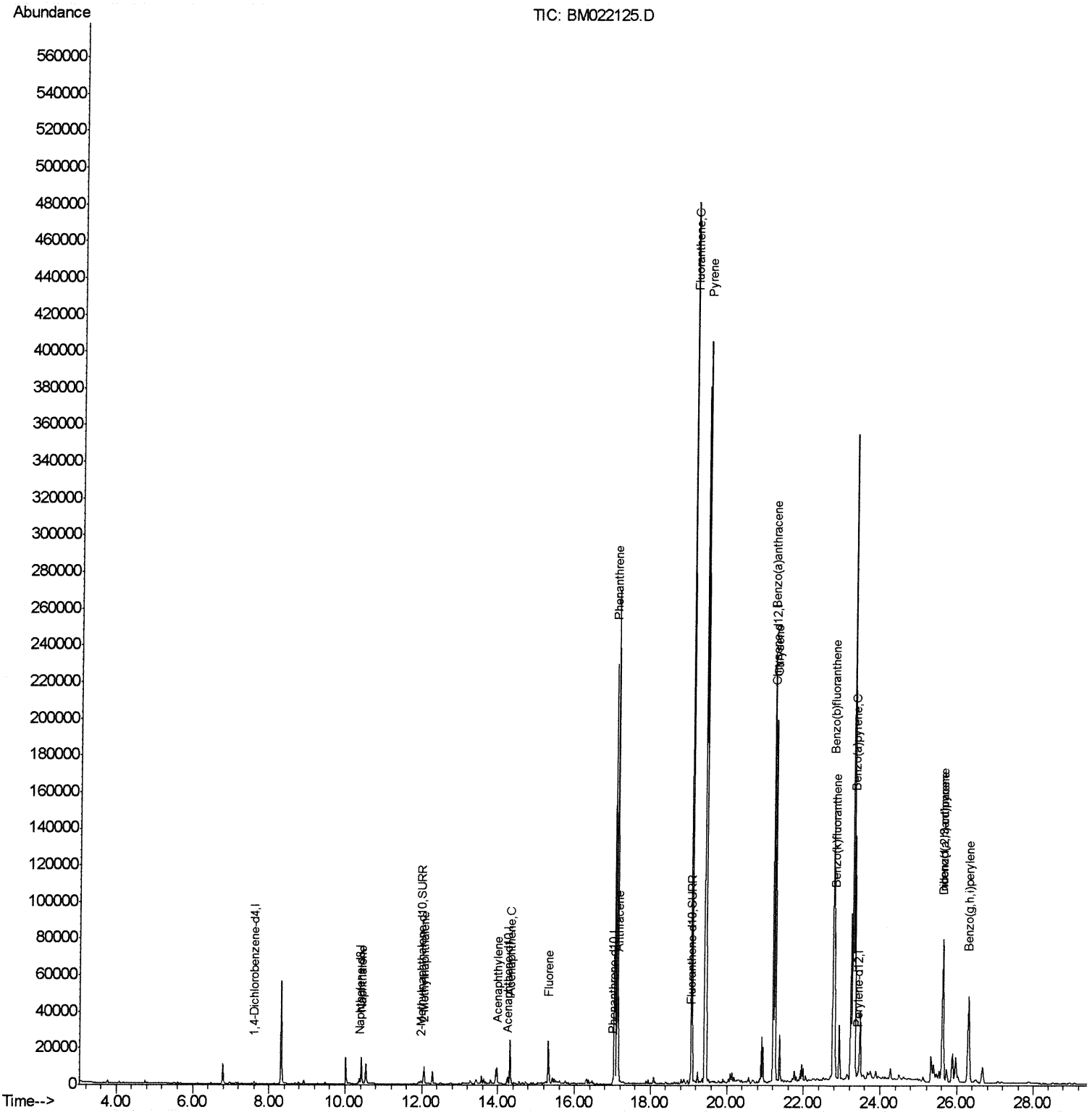
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022125.D
Acq On : 15 Aug 2019 02:46
Operator : HP/JU
Sample : K4304-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Aug 15 12:29:10 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 :
CB5N9

Manual Integrations APPROVED
mohammad
8/15/2019 5:09:57 PM

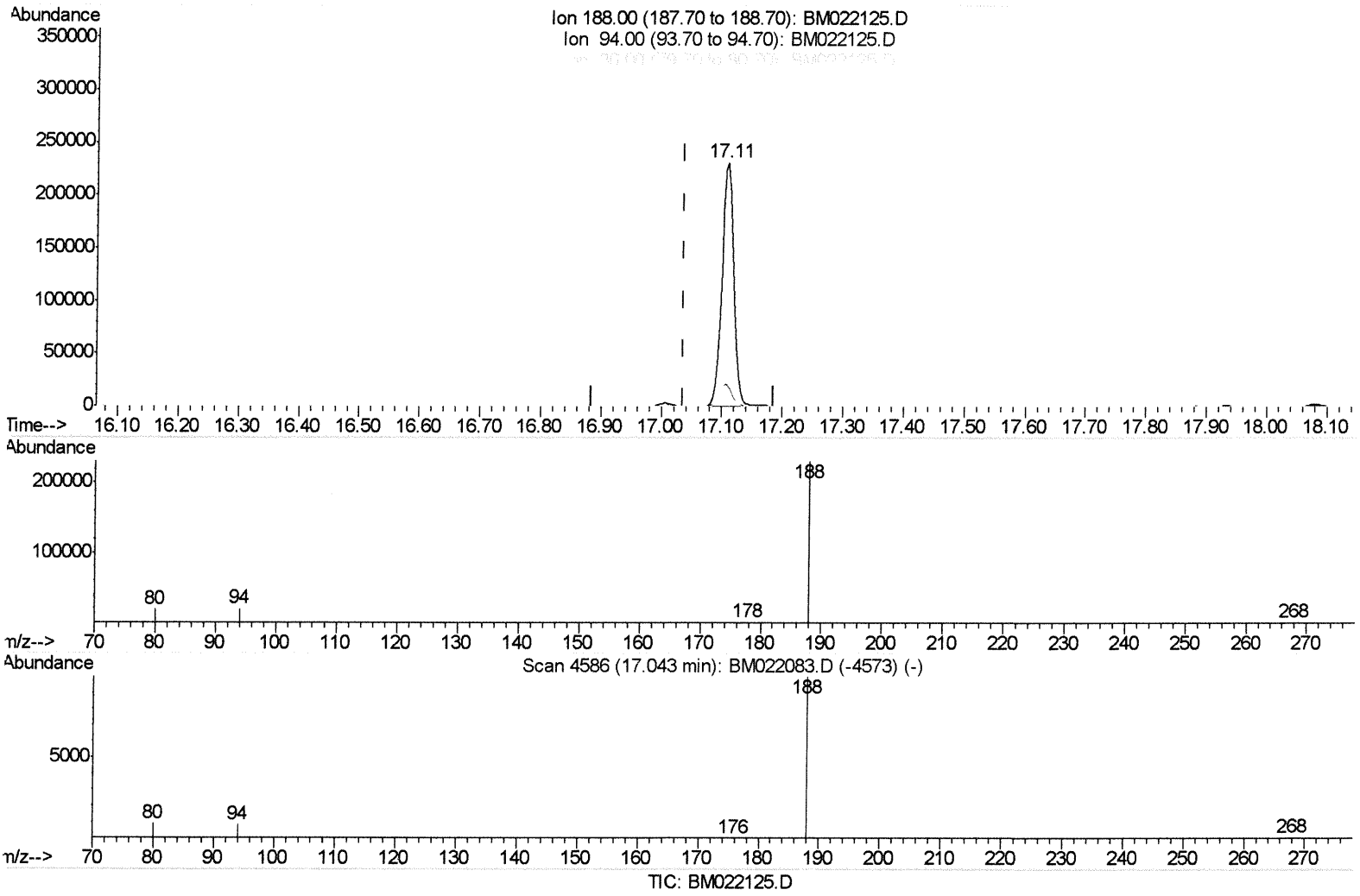


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022125.D
Acq On : 15 Aug 2019 02:46
Operator : HP/JU
Sample : K4304-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Aug 15 12:14:28 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 :
CB5N9

Manual Integrations APPROVED
mohammad
8/15/2019 5:09:57 PM



TIC: BM022125.D

(10) Phenanthrene-d10 (I)

17.109min (+0.073) 0.40ng/ul

response 312423

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	8.58
80.00	11.40	8.08#
0.00	0.00	0.00

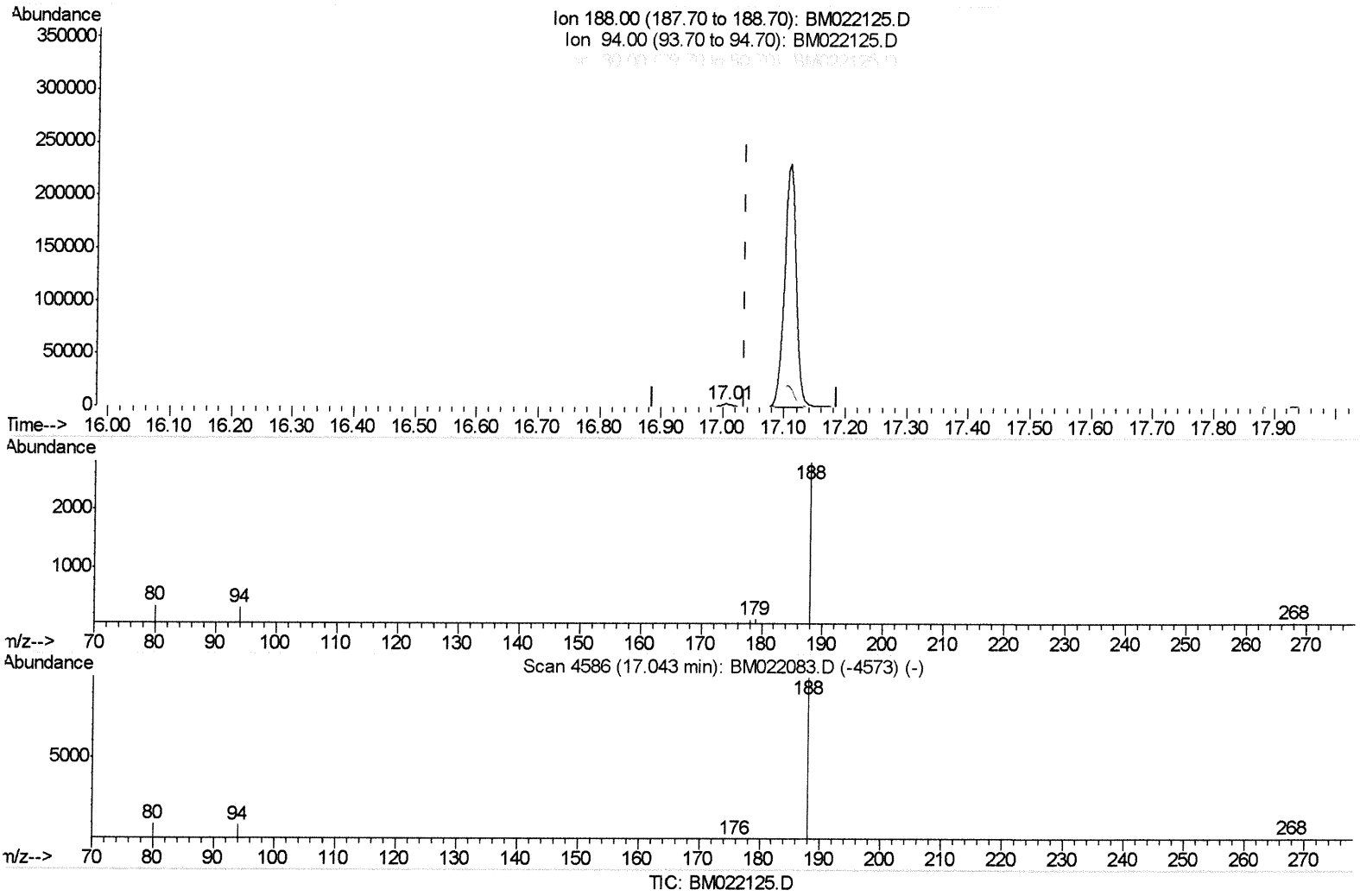
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022125.D
Acq On : 15 Aug 2019 02:46
Operator : HP/JU
Sample : K4304-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Aug 15 12:14:28 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 :
CB5N9

Manual Integrations APPROVED
mohammad
8/15/2019 5:09:57 PM



TIC: BM022125.D

(10) Phenanthrene-d10 (I)

17.008min (-0.028) 0.40ng/ul m JU 08/15/19

response 4042

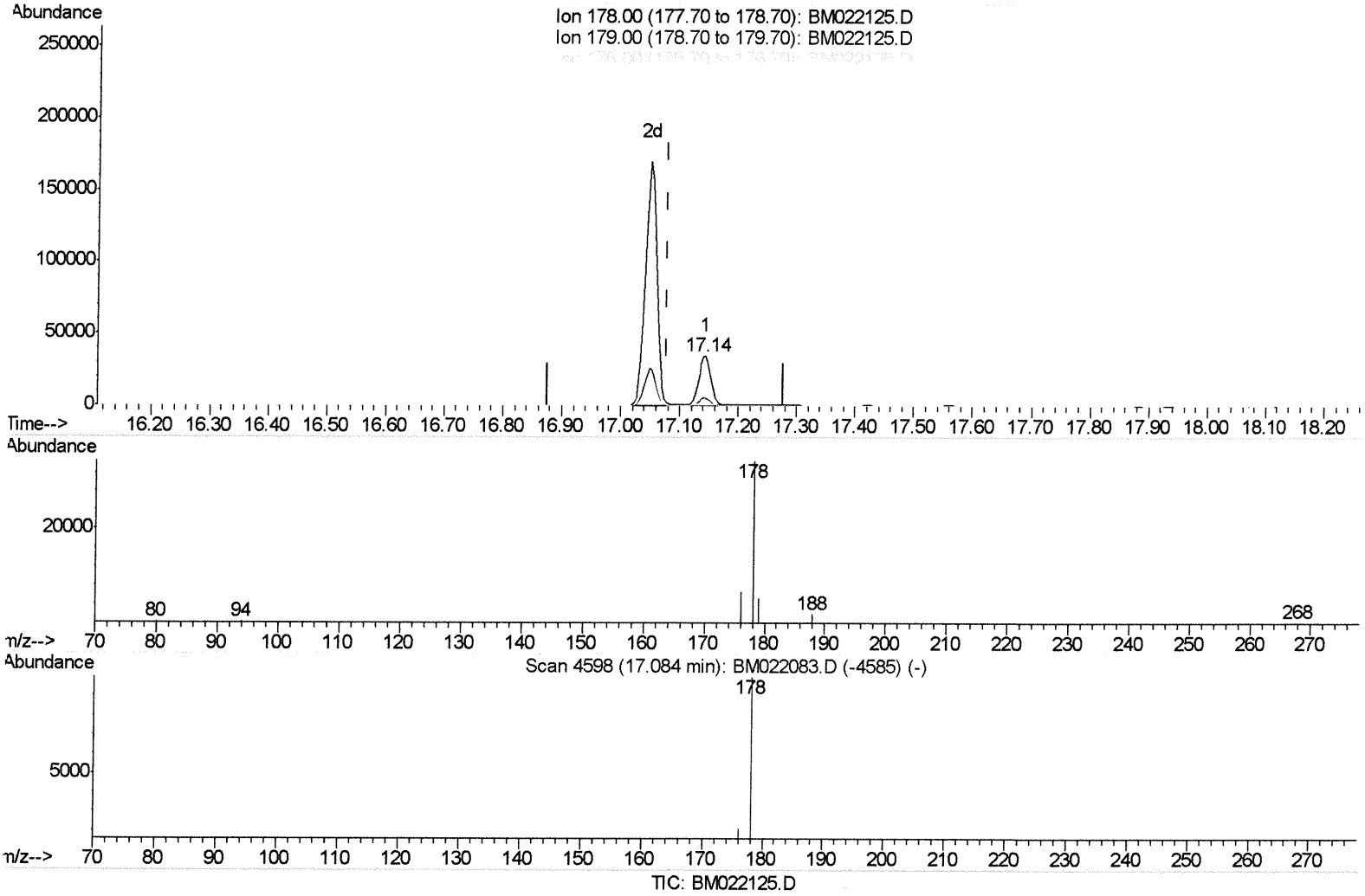
Ion	Exp%	Act%
188.00	100	100
94.00	10.40	10.98
80.00	11.40	11.94
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022125.D
Acq On : 15 Aug 2019 02:46
Operator : HP/JU
Sample : K4304-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Aug 15 12:24:48 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 :
CB5N9

Manual Integrations APPROVED
mohammad
8/15/2019 5:09:57 PM



(12) Phenanthrene

17.143min (+0.066) 4.26ng/ul

response 50047

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	15.51
176.00	21.00	19.15
0.00	0.00	0.00

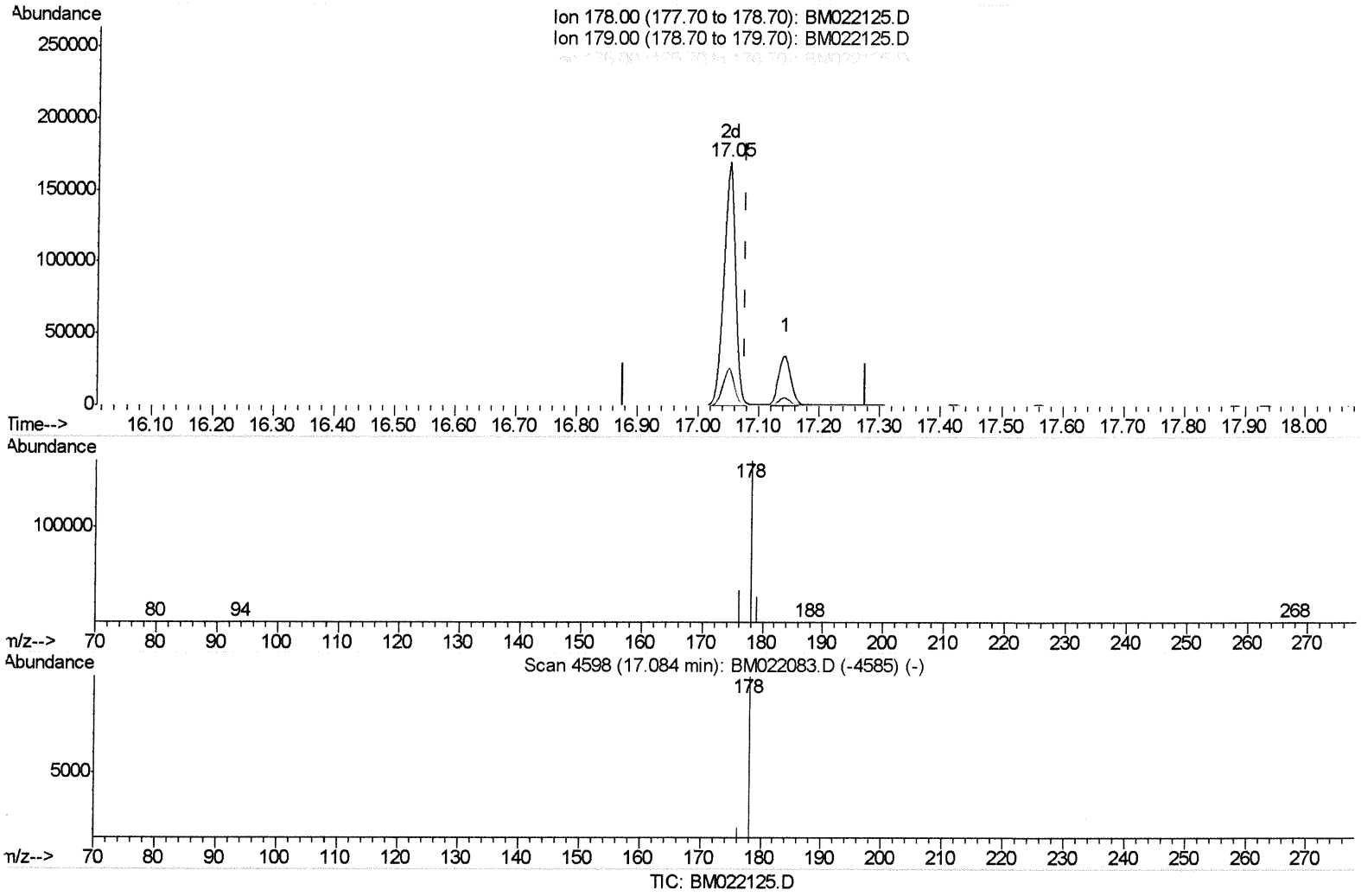
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022125.D
Acq On : 15 Aug 2019 02:46
Operator : HP/JU
Sample : K4304-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Aug 15 12:24:48 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 :
CB5N9

Manual Integrations APPROVED
mohammad
8/15/2019 5:09:57 PM



TIC: BM022125.D

(12) Phenanthrene

17.050min (-0.028) 19.77ng/ul m JU 08/15/19

response 232546

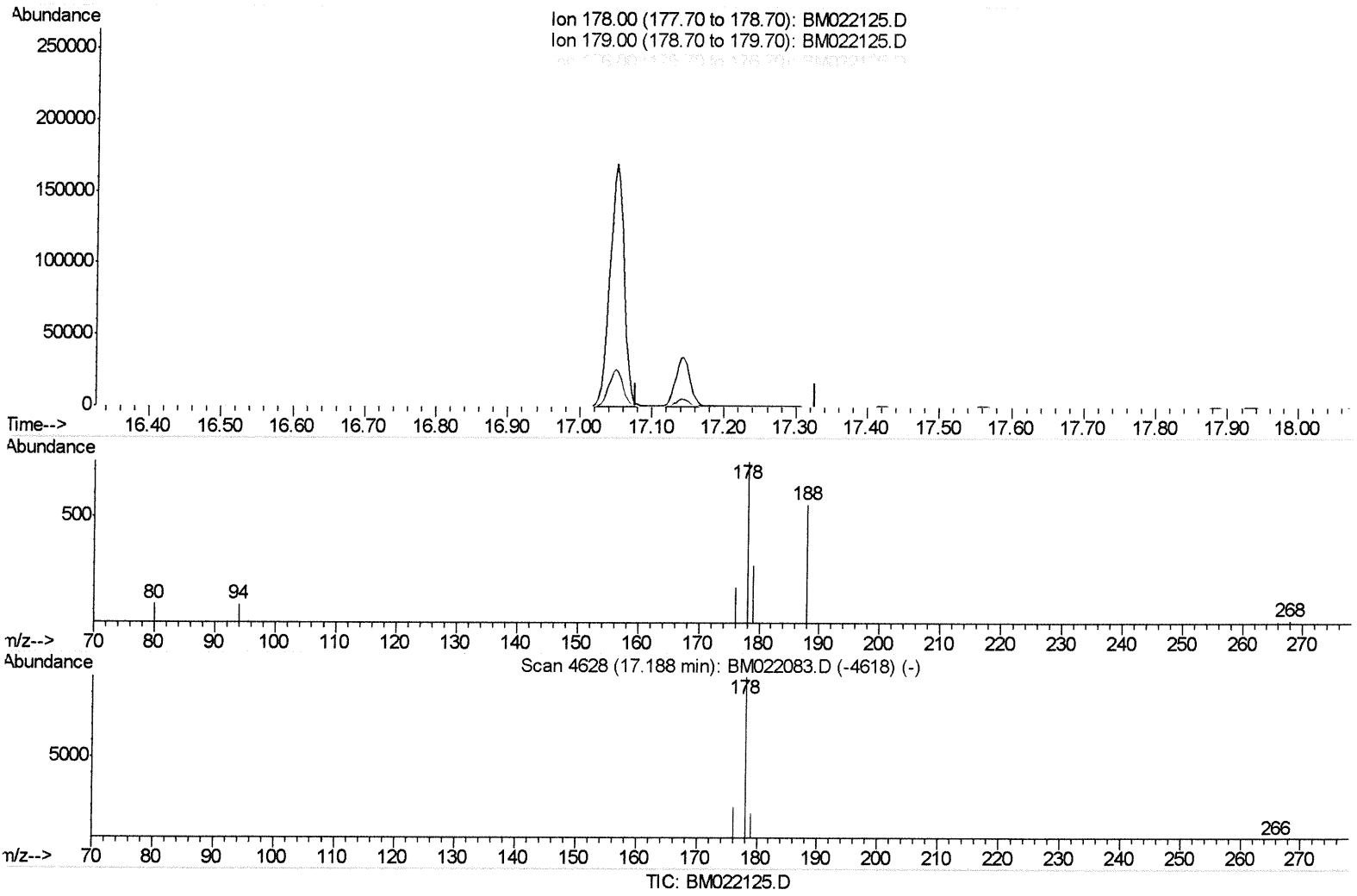
Ion	Exp%	Act%
178.00	100	100
179.00	17.70	15.49
176.00	21.00	19.80
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022125.D
Acq On : 15 Aug 2019 02:46
Operator : HP/JU
Sample : K4304-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Aug 15 12:24:48 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 :
CB5N9

Manual Integrations APPROVED
mohammad
8/15/2019 5:09:57 PM



TIC: BM022125.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

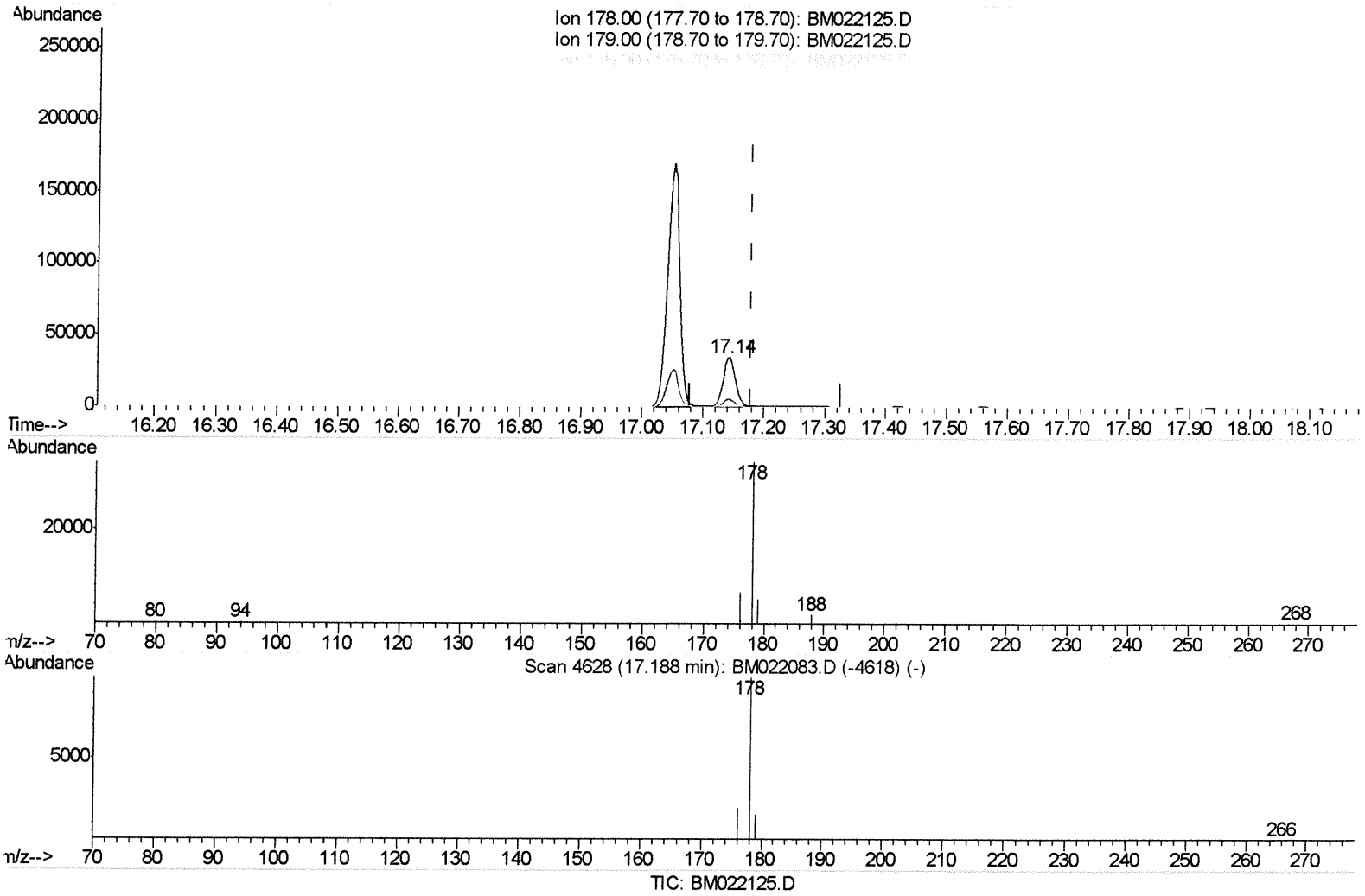
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022125.D
Acq On : 15 Aug 2019 02:46
Operator : HP/JU
Sample : K4304-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Aug 15 12:24:48 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 :
CB5N9

Manual Integrations APPROVED
mohammad
8/15/2019 5:09:57 PM



(13) Anthracene

17.143min (-0.035) 4.98ng/ul m JU 08/15/19

response 49996

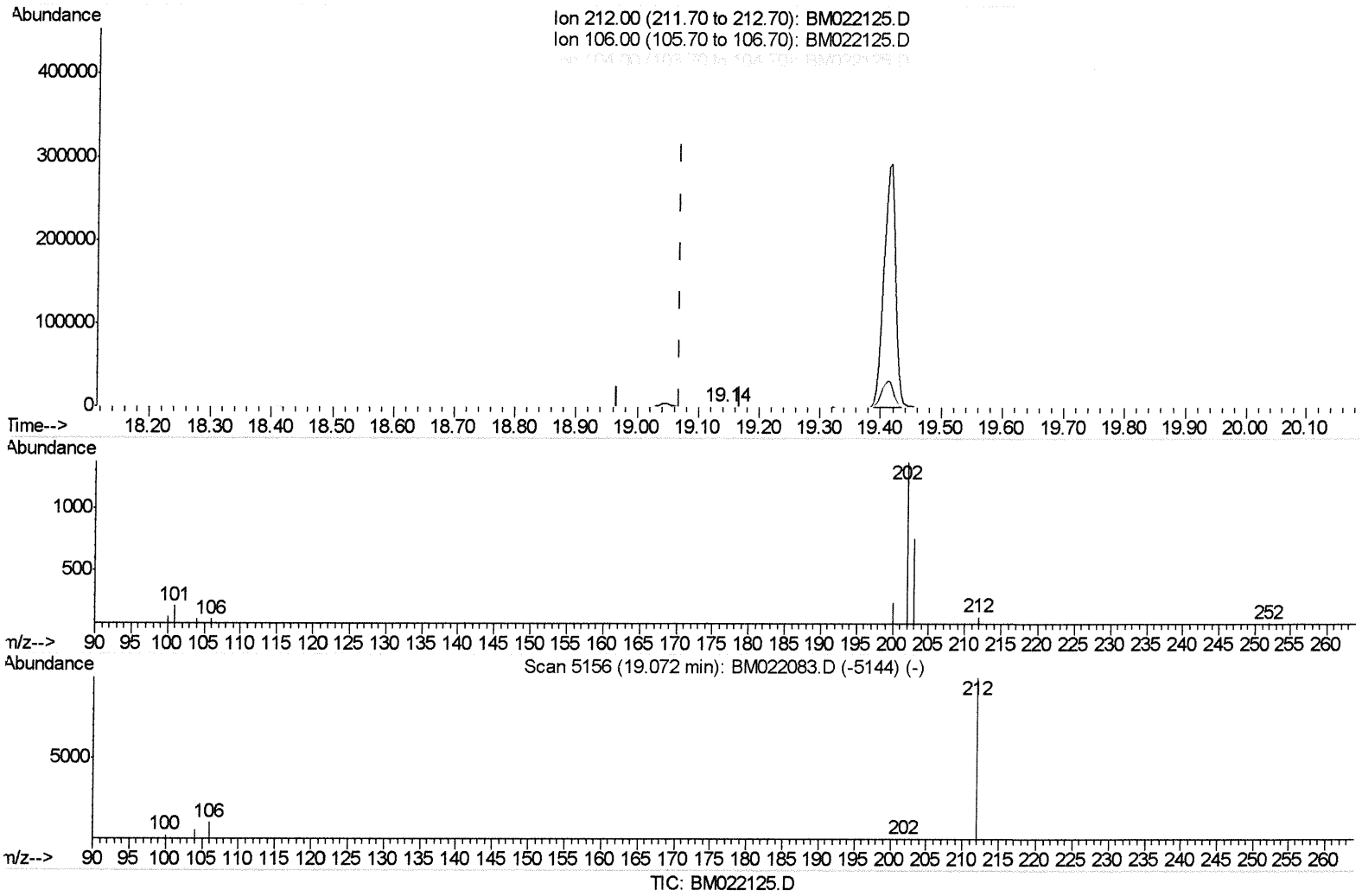
Ion	Exp%	Act%
178.00	100	100
179.00	19.40	15.51#
176.00	20.80	19.15
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022125.D
Acq On : 15 Aug 2019 02:46
Operator : HP/JU
Sample : K4304-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Aug 15 12:24:48 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 :
CB5N9

Manual Integrations APPROVED
mohammad
8/15/2019 5:09:57 PM



(14) Fluoranthene-d10 (SURR)

19.144min (+0.076) 0.01ng/ul

response 120

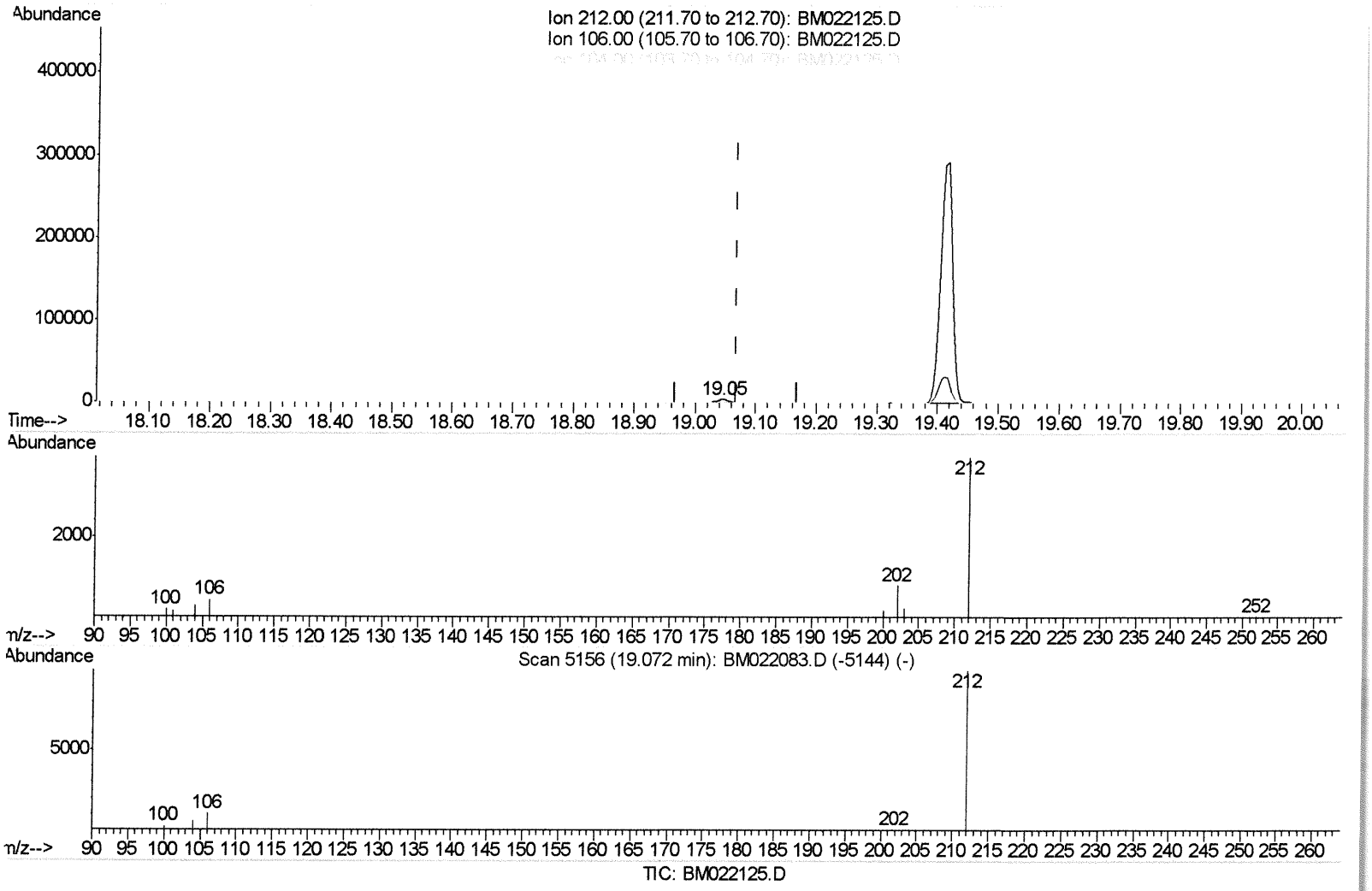
Ion	Exp%	Act%
212.00	100	100
106.00	9.90	11.67
104.00	6.00	0.00#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022125.D
Acq On : 15 Aug 2019 02:46
Operator : HP/JU
Sample : K4304-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Aug 15 12:24:48 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 :
CB5N9

Manual Integrations APPROVED
mohammad
8/15/2019 5:09:57 PM



(14) Fluoranthene-d10 (SURR)

19.045min (-0.023) 0.39ng/ul m JU 08/15/19

response 5350

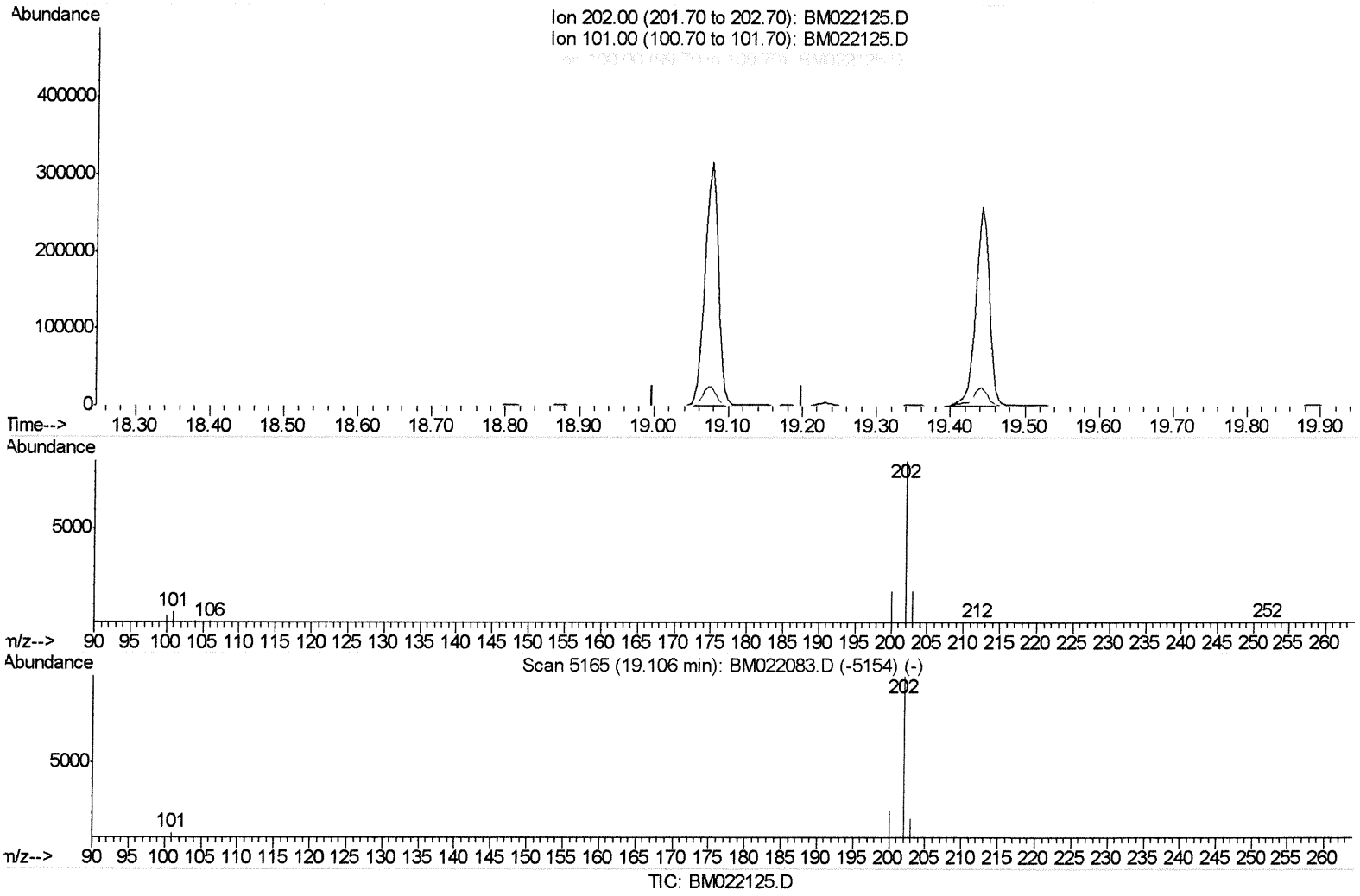
Ion	Exp%	Act%
212.00	100	100
106.00	9.90	0.26#
104.00	6.00	0.00#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022125.D
Acq On : 15 Aug 2019 02:46
Operator : HP/JU
Sample : K4304-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Aug 15 12:24:48 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 :
CB5N9

Manual Integrations APPROVED
mohammad
8/15/2019 5:09:57 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

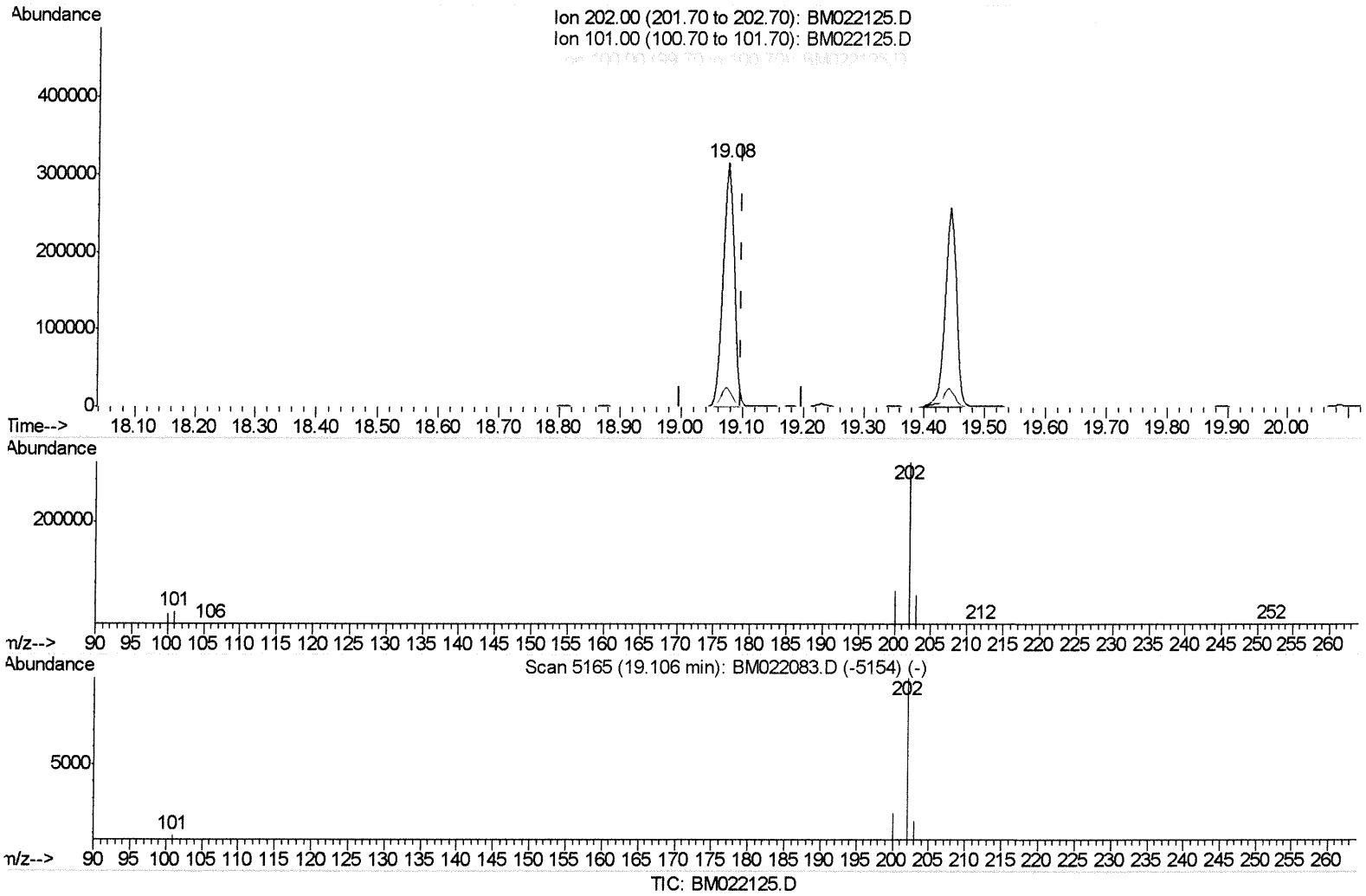
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022125.D
Acq On : 15 Aug 2019 02:46
Operator : HP/JU
Sample : K4304-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Aug 15 12:24:48 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 :
CB5N9

Manual Integrations APPROVED
mohammad
8/15/2019 5:09:57 PM



TIC: BM022125.D

(15) Fluoranthene (C)

19.076min (-0.023) 25.06ng/ul m JU 08/15/19

response 394861

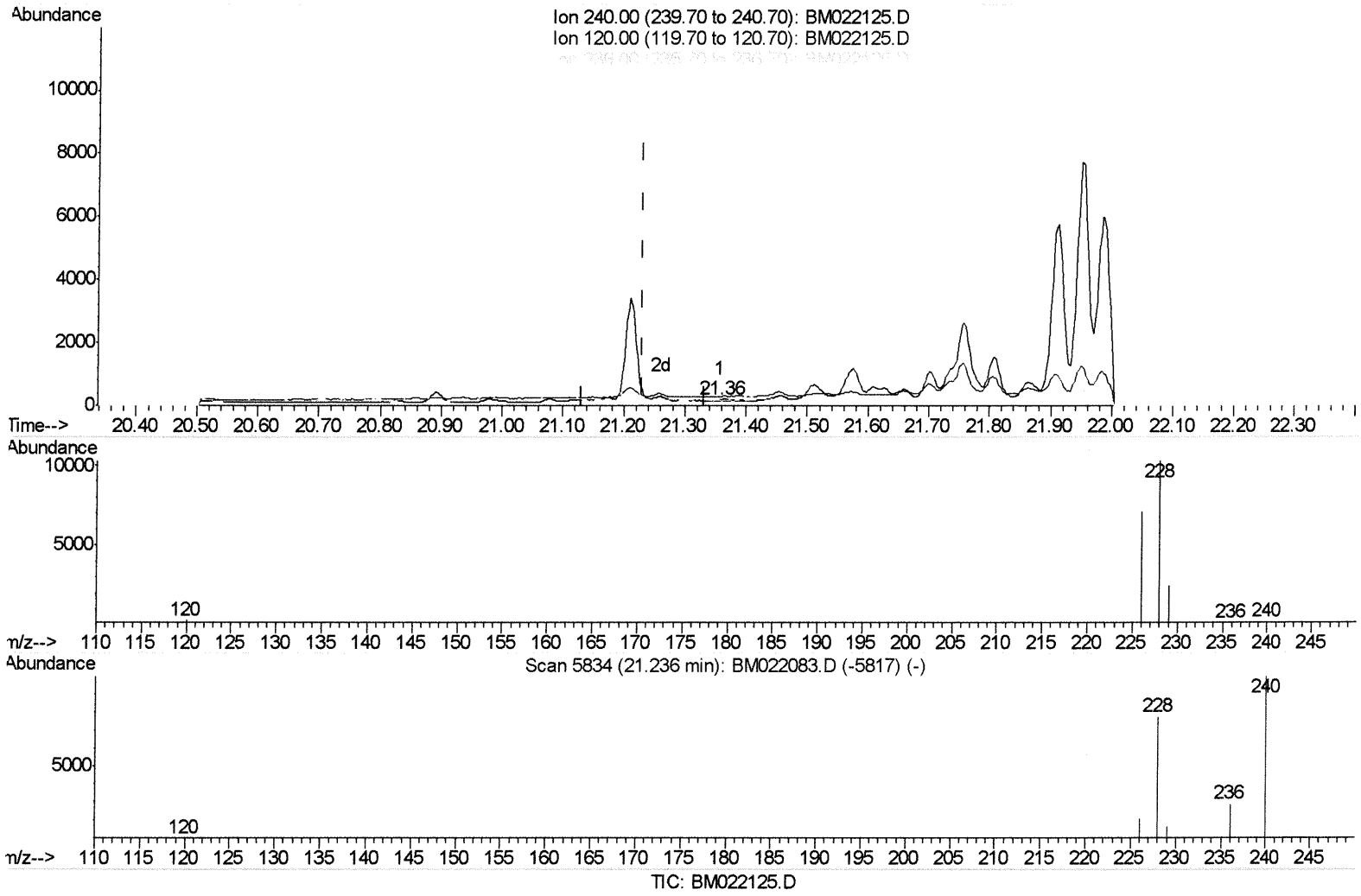
Ion	Exp%	Act%
202.00	100	100
101.00	10.20	7.92
100.00	8.10	6.12
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022125.D
Acq On : 15 Aug 2019 02:46
Operator : HP/JU
Sample : K4304-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Aug 15 12:24:48 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 :
CB5N9

Manual Integrations APPROVED
mohammad
8/15/2019 5:09:57 PM



(16) Chrysene-d12 (I)

21.357min (+0.126) 0.40ng/ul

response 134

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	145.59#
236.00	32.30	84.31#
0.00	0.00	0.00

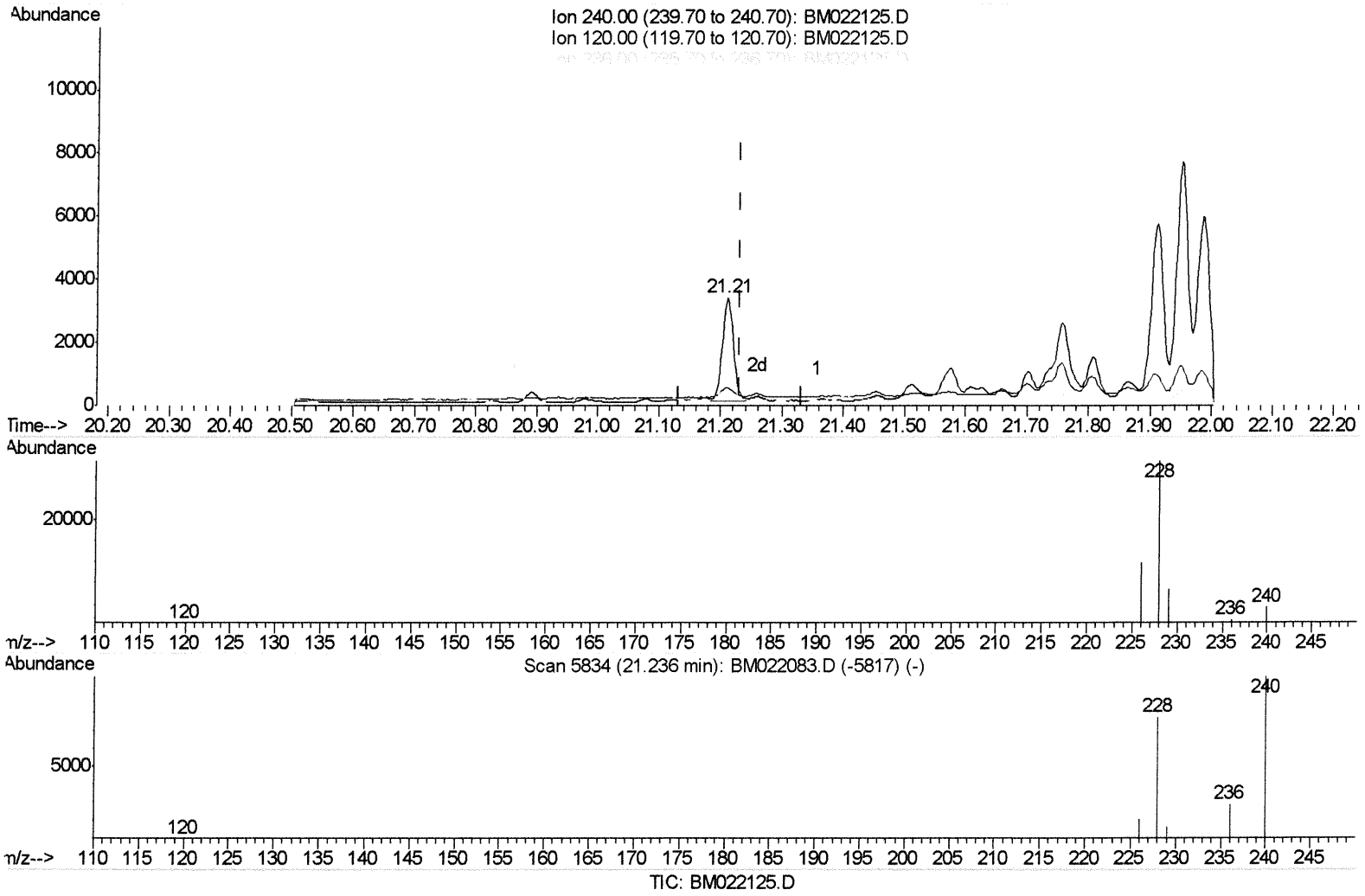
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022125.D
Acq On : 15 Aug 2019 02:46
Operator : HP/JU
Sample : K4304-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Aug 15 12:24:48 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 :
CB5N9

Manual Integrations APPROVED
mohammad
8/15/2019 5:09:57 PM



TIC: BM022125.D

(16) Chrysene-d12 (I)

21.210min (-0.022) 0.40ng/ul m JU 08/15/19

response 4130

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	16.77
236.00	32.30	31.41
0.00	0.00	0.00

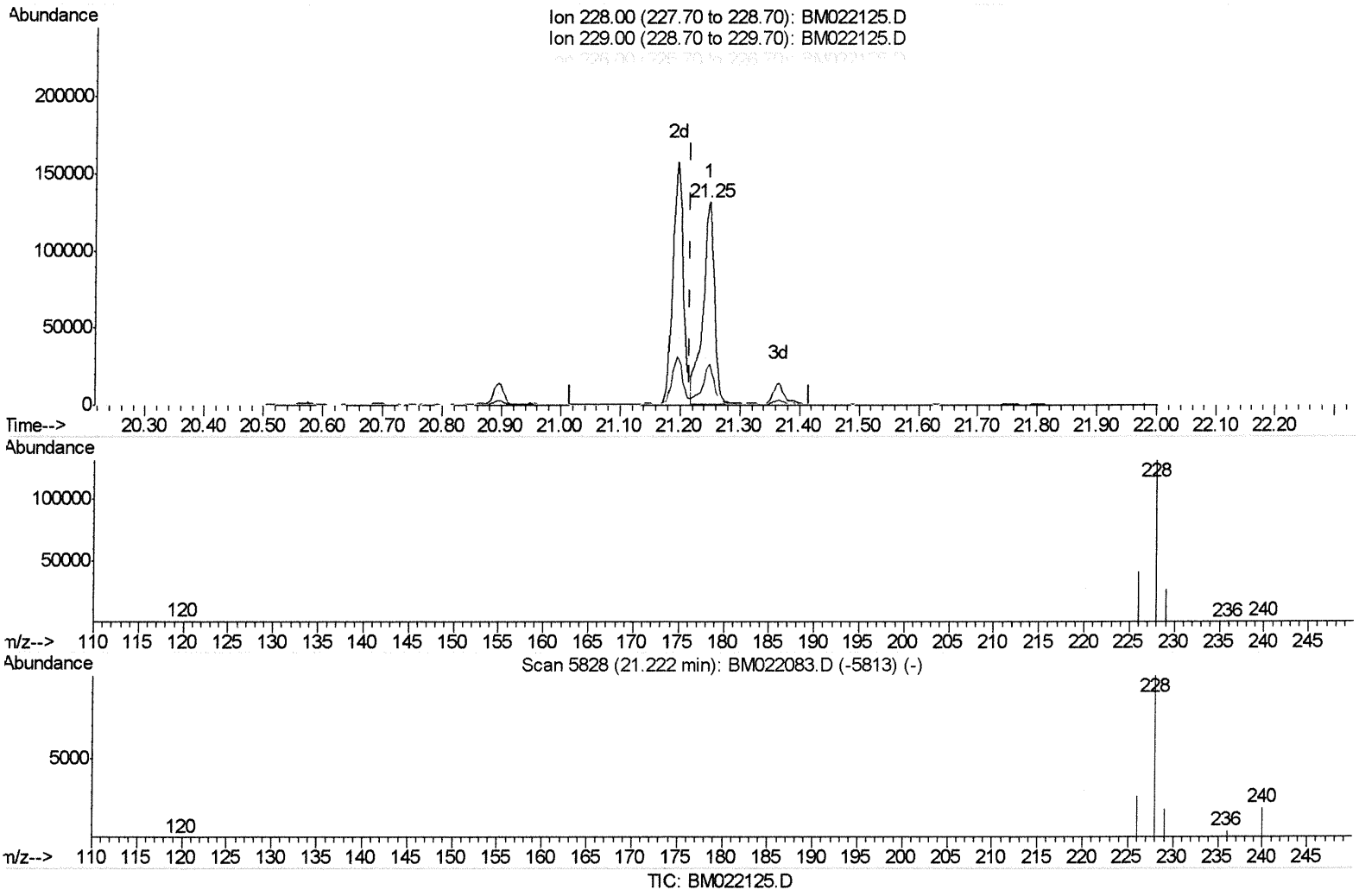
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022125.D
Acq On : 15 Aug 2019 02:46
Operator : HP/JU
Sample : K4304-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Aug 15 12:27:03 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 :
CB5N9

Manual Integrations APPROVED
mohammad
8/15/2019 5:09:57 PM



TIC: BM022125.D

(18) Benzo(a)anthracene

21.248min (+0.032) 12.35ng/ul

response 182391

Ion	Exp%	Act%
228.00	100	100
229.00	21.50	20.13
226.00	28.30	30.88
0.00	0.00	0.00

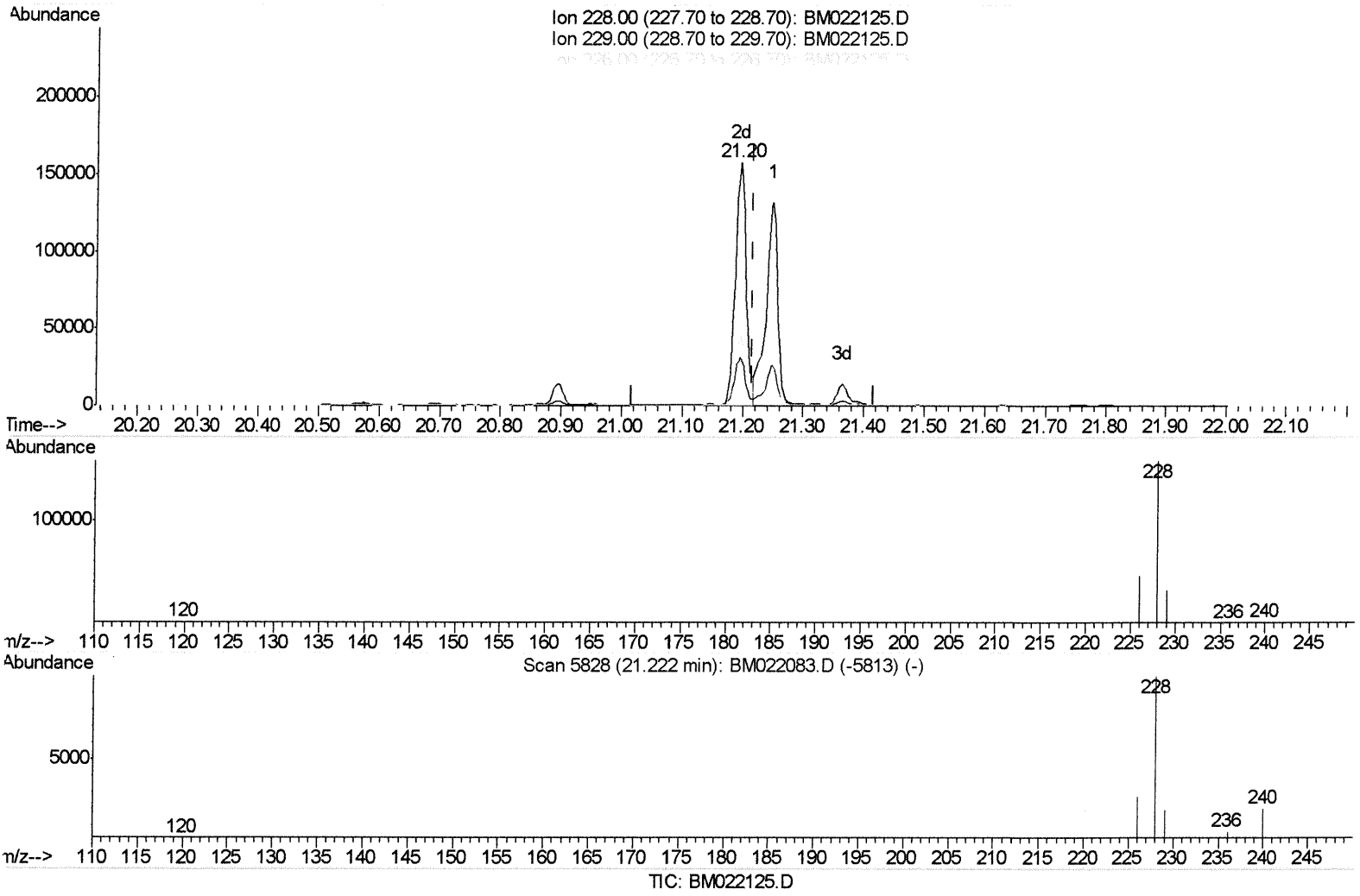
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022125.D
Acq On : 15 Aug 2019 02:46
Operator : HP/JU
Sample : K4304-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Aug 15 12:27:03 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 :
CB5N9

Manual Integrations APPROVED
mohammad
8/15/2019 5:09:57 PM



TIC: BM022125.D

(18) Benzo(a)anthracene

21.195min (-0.022) 13.30ng/ul m JU 08/15/19

response 196498

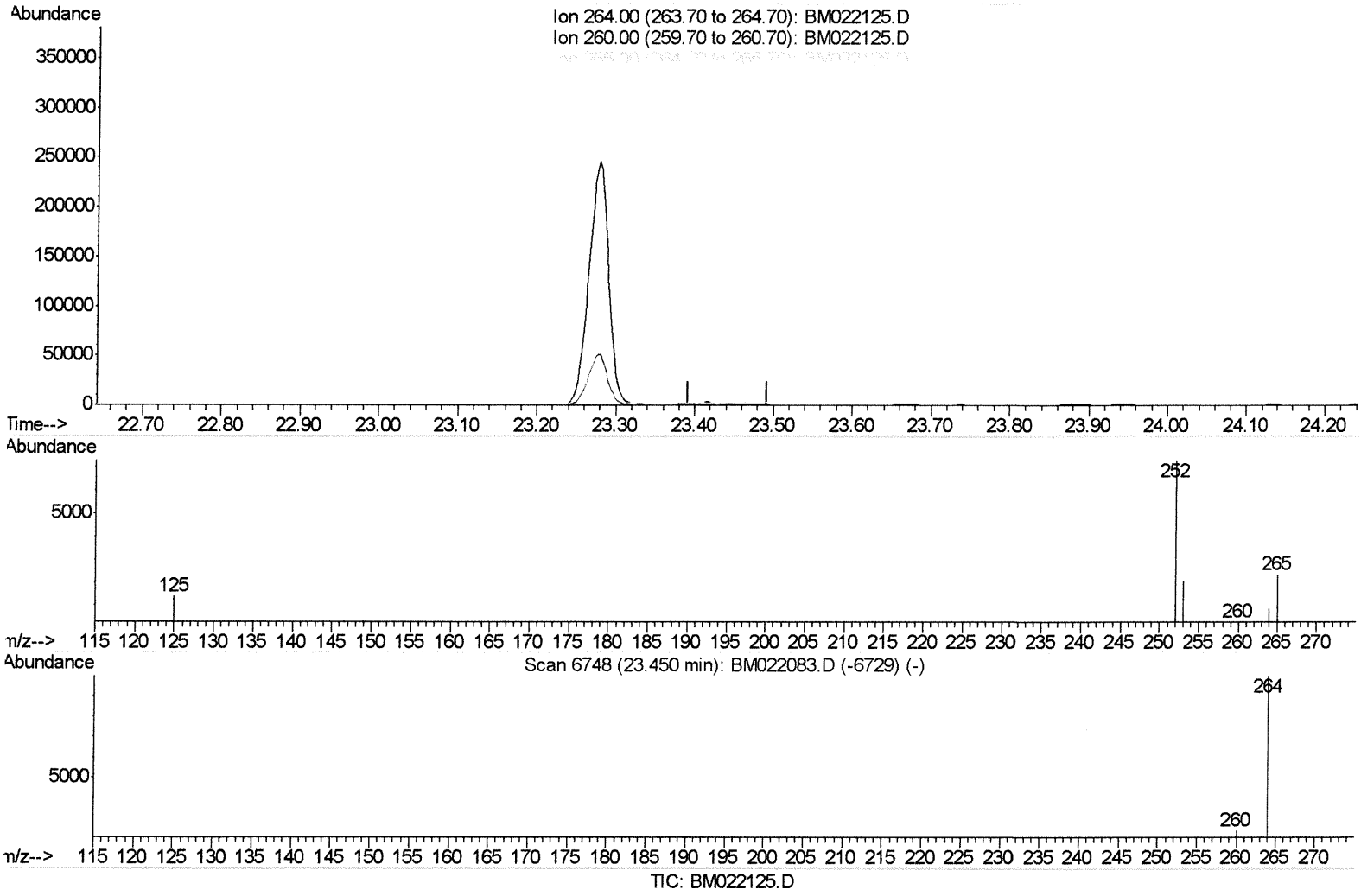
Ion	Exp%	Act%
228.00	100	100
229.00	21.50	20.16
226.00	28.30	28.67
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022125.D
Acq On : 15 Aug 2019 02:46
Operator : HP/JU
Sample : K4304-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Aug 15 12:27:03 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 :
CB5N9

Manual Integrations APPROVED
mohammad
8/15/2019 5:09:57 PM



(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

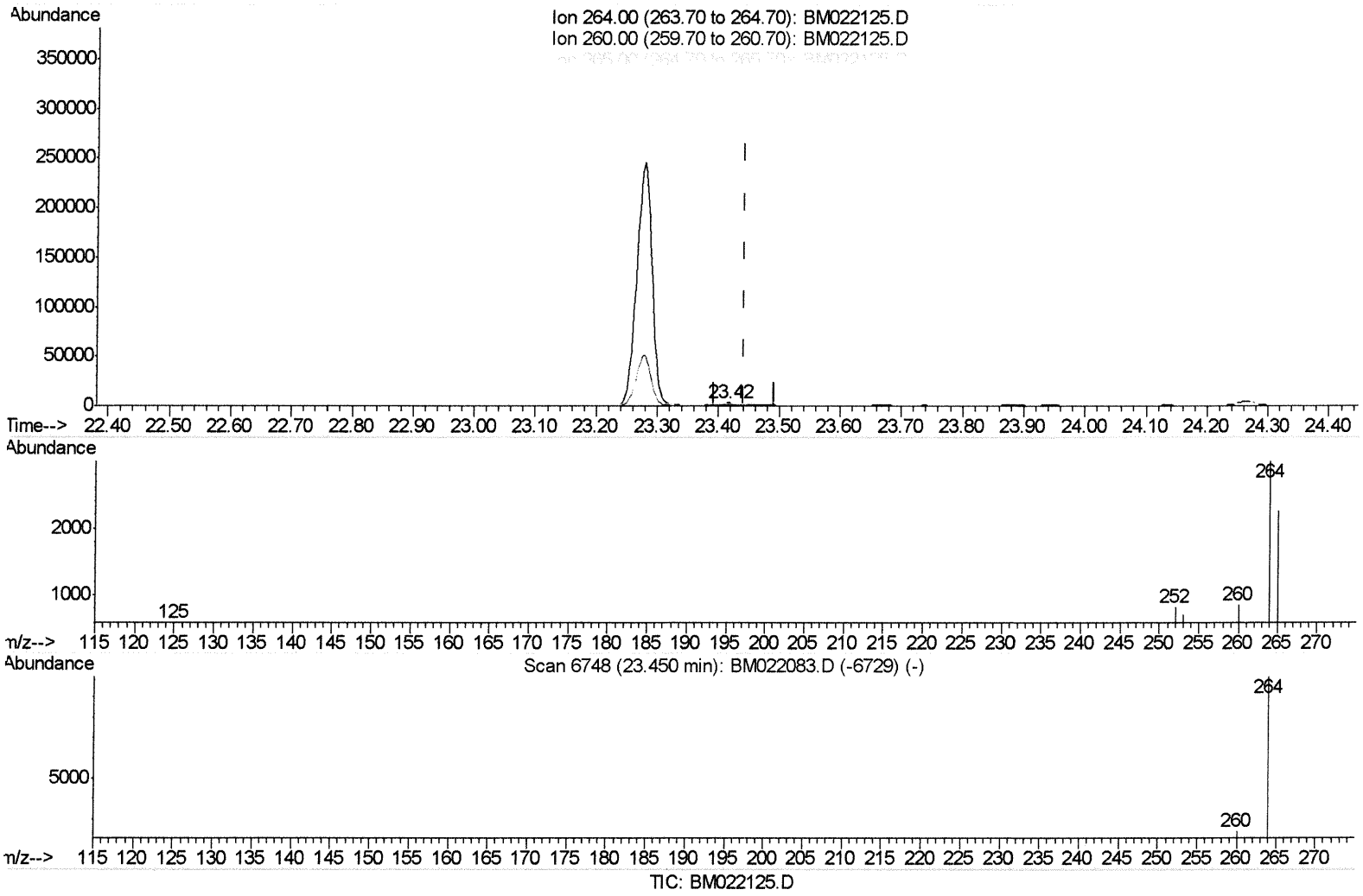
Quantitation Report (Quan)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022125.D
Acq On : 15 Aug 2019 02:46
Operator : HP/JU
Sample : K4304-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Aug 15 12:27:03 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 :
CB5N9

Manual Integrations APPROVED
mohammad
8/15/2019 5:09:57 PM



TIC: BM022125.D

(20) Perylene-d12 (I)

23.416min (-0.027) 0.40ng/ul m JU 08/15/19

response 3920

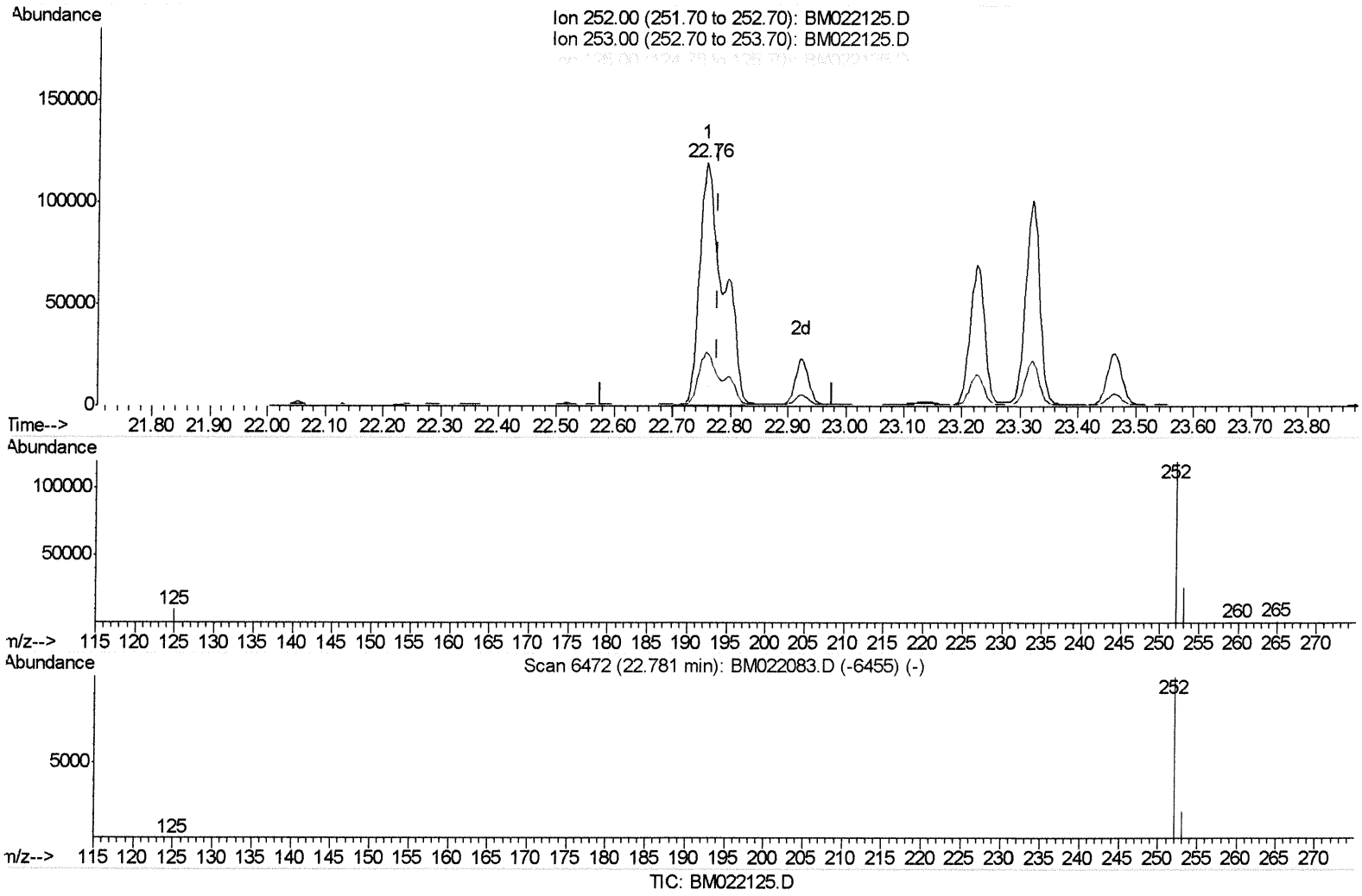
Ion	Exp%	Act%
264.00	100	100
260.00	27.50	28.29
265.00	117.00	75.15#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022125.D
Acq On : 15 Aug 2019 02:46
Operator : HP/JU
Sample : K4304-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Aug 15 12:27:55 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 :
CB5N9

Manual Integrations APPROVED
mohammad
8/15/2019 5:09:57 PM



(21) Benzo(b)fluoranthene

22.757min (-0.019) 25.68ng/ul

response 339453

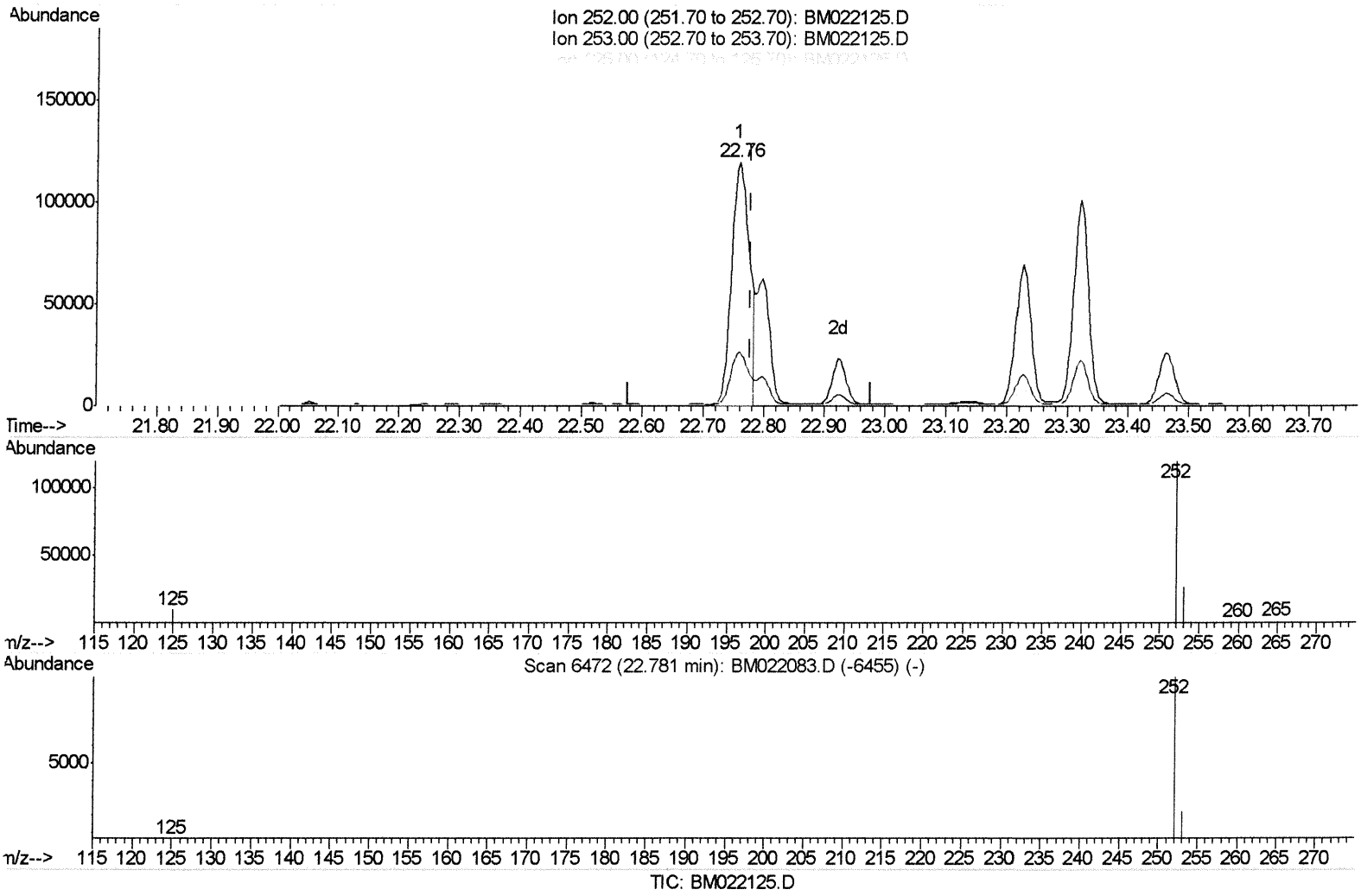
Ion	Exp%	Act%
252.00	100	100
253.00	33.70	22.15
125.00	15.50	8.29
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022125.D
Acq On : 15 Aug 2019 02:46
Operator : HP/JU
Sample : K4304-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Aug 15 12:27:55 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 :
CB5N9

Manual Integrations APPROVED
mohammad
8/15/2019 5:09:57 PM



TIC: BM022125.D

(21) Benzo(b)fluoranthene

22.757min (-0.019) 18.28ng/ul m JU 08/15/19

response 241601

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	22.15
125.00	15.50	8.29
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022125.D
Acq On : 15 Aug 2019 02:46
Operator : HP/JU
Sample : K4304-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Aug 15 12:27:55 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 :
CB5N9

Manual Integrations APPROVED
mohammad
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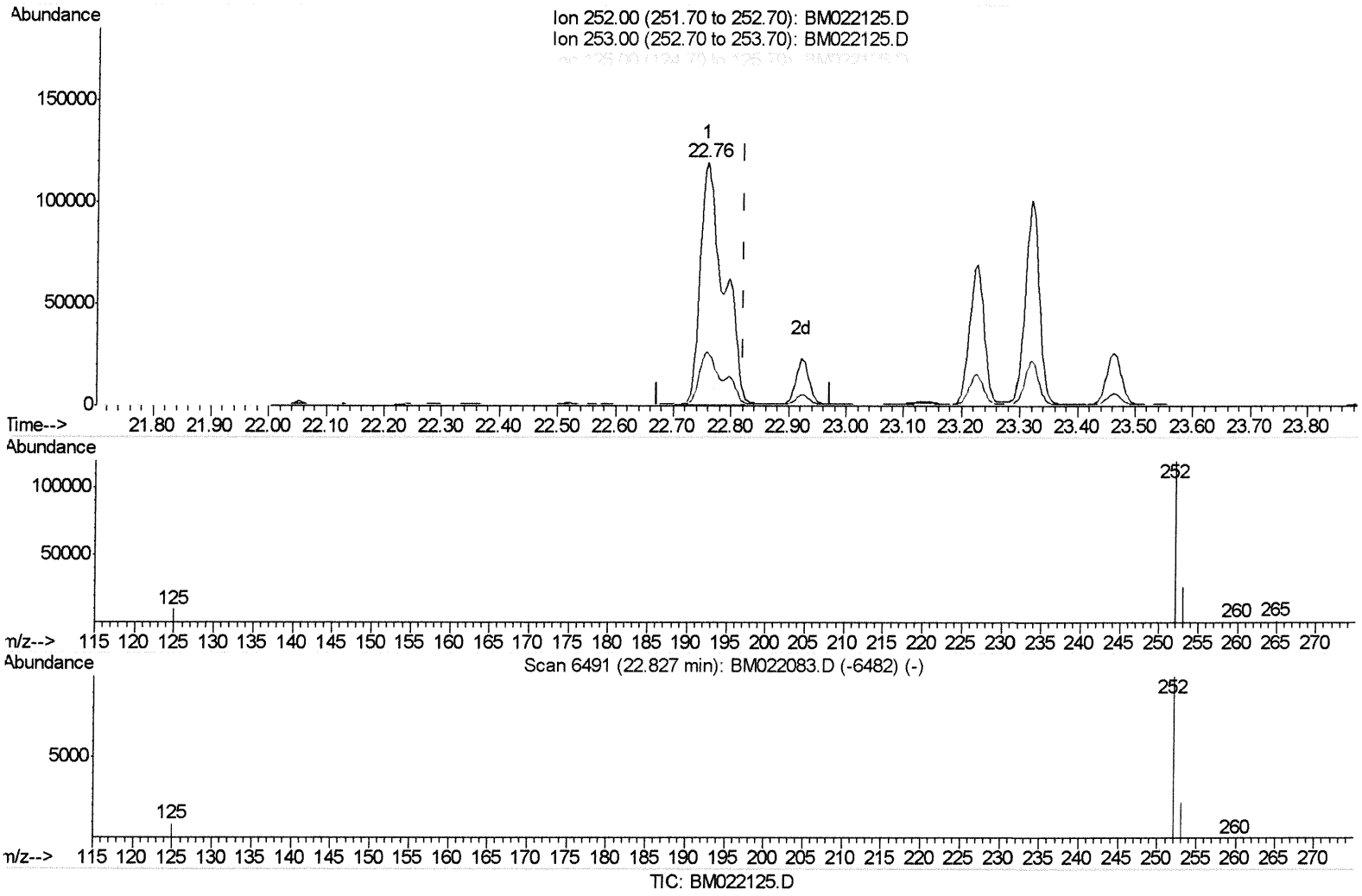


(22) Benzo(k)fluoranthene

22.757min (-0.065) 22.71ng/ul

response 339659

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	22.15#
125.00	15.20	8.29#
0.00	0.00	0.00

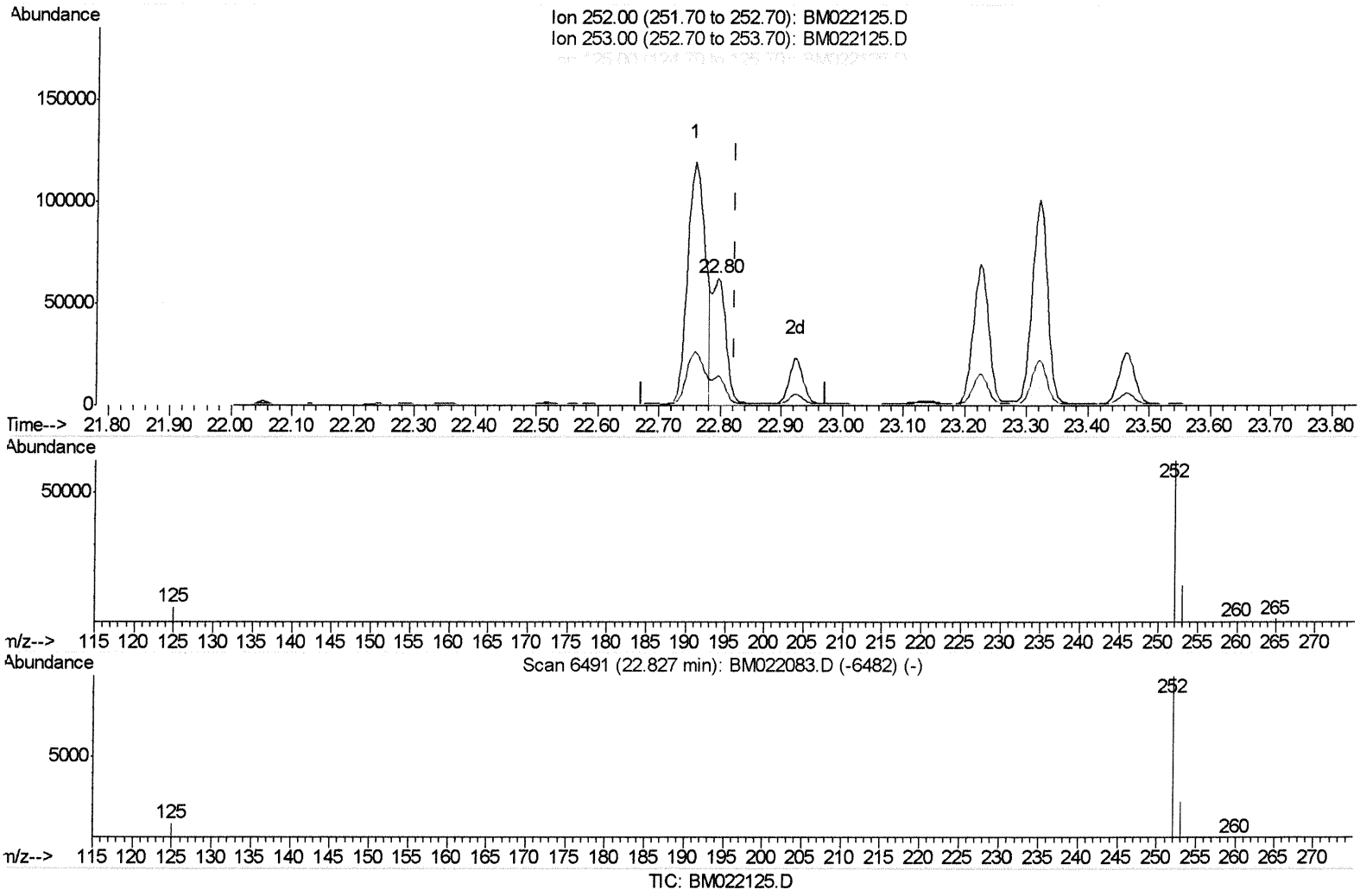
Quantitation Report (Quan)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022125.D
Acq On : 15 Aug 2019 02:46
Operator : HP/JU
Sample : K4304-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Aug 15 12:27:55 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 :
CB5N9

Manual Integrations APPROVED
mohammad
8/15/2019 5:09:57 PM



(22) Benzo(k)fluoranthene

22.796min (-0.027) 6.81ng/ul m JU 08/15/19

response 101862

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	23.13#
125.00	15.20	9.22#
0.00	0.00	0.00

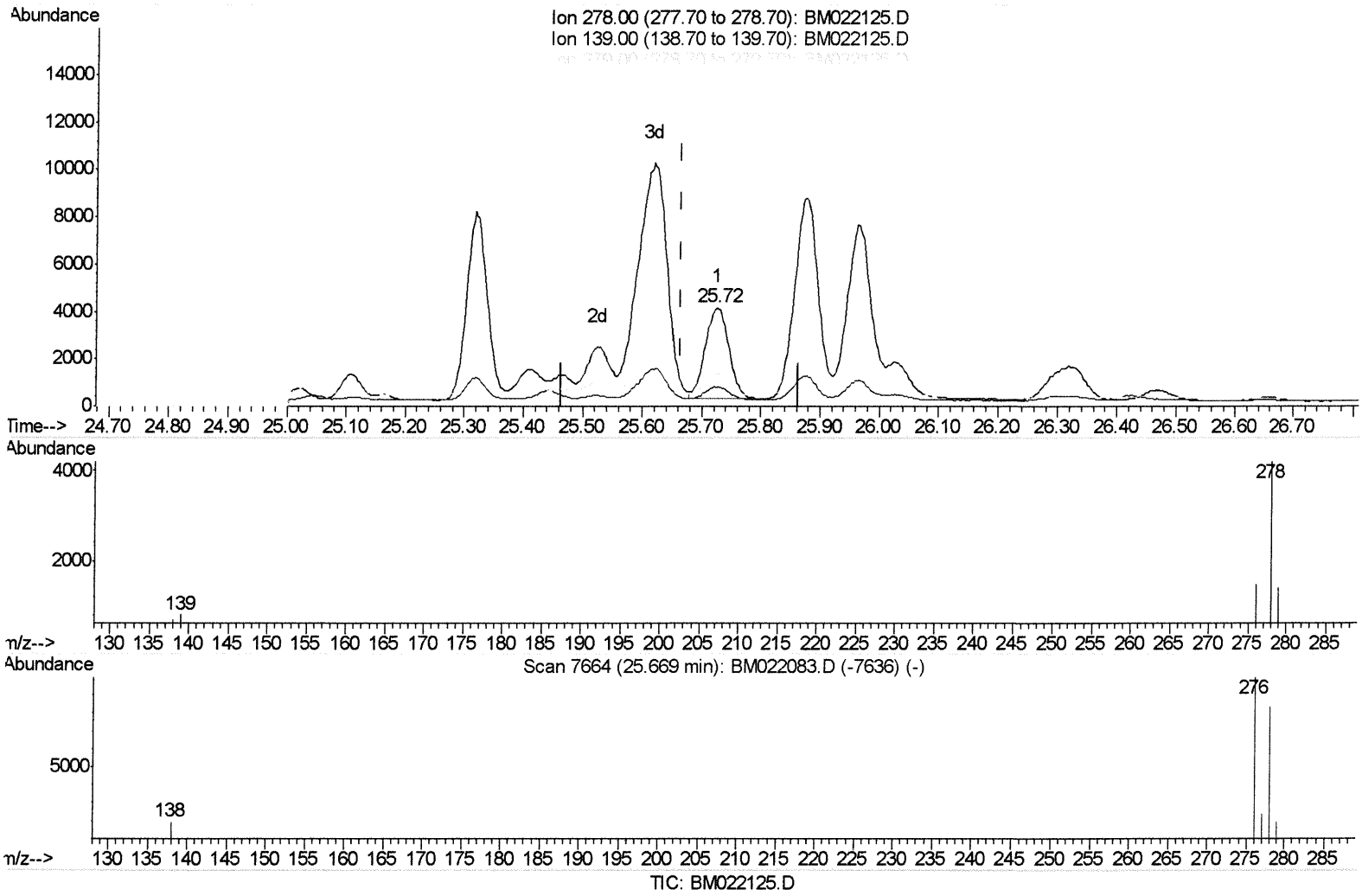
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022125.D
Acq On : 15 Aug 2019 02:46
Operator : HP/JU
Sample : K4304-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Aug 15 12:27:55 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 :
CB5N9

Manual Integrations APPROVED
mohammad
8/15/2019 5:09:57 PM



(25) Dibenzo(a,h)anthracene

25.725min (+0.061) 0.83ng/ul

response 10718

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	19.52
279.00	35.40	33.71
0.00	0.00	0.00

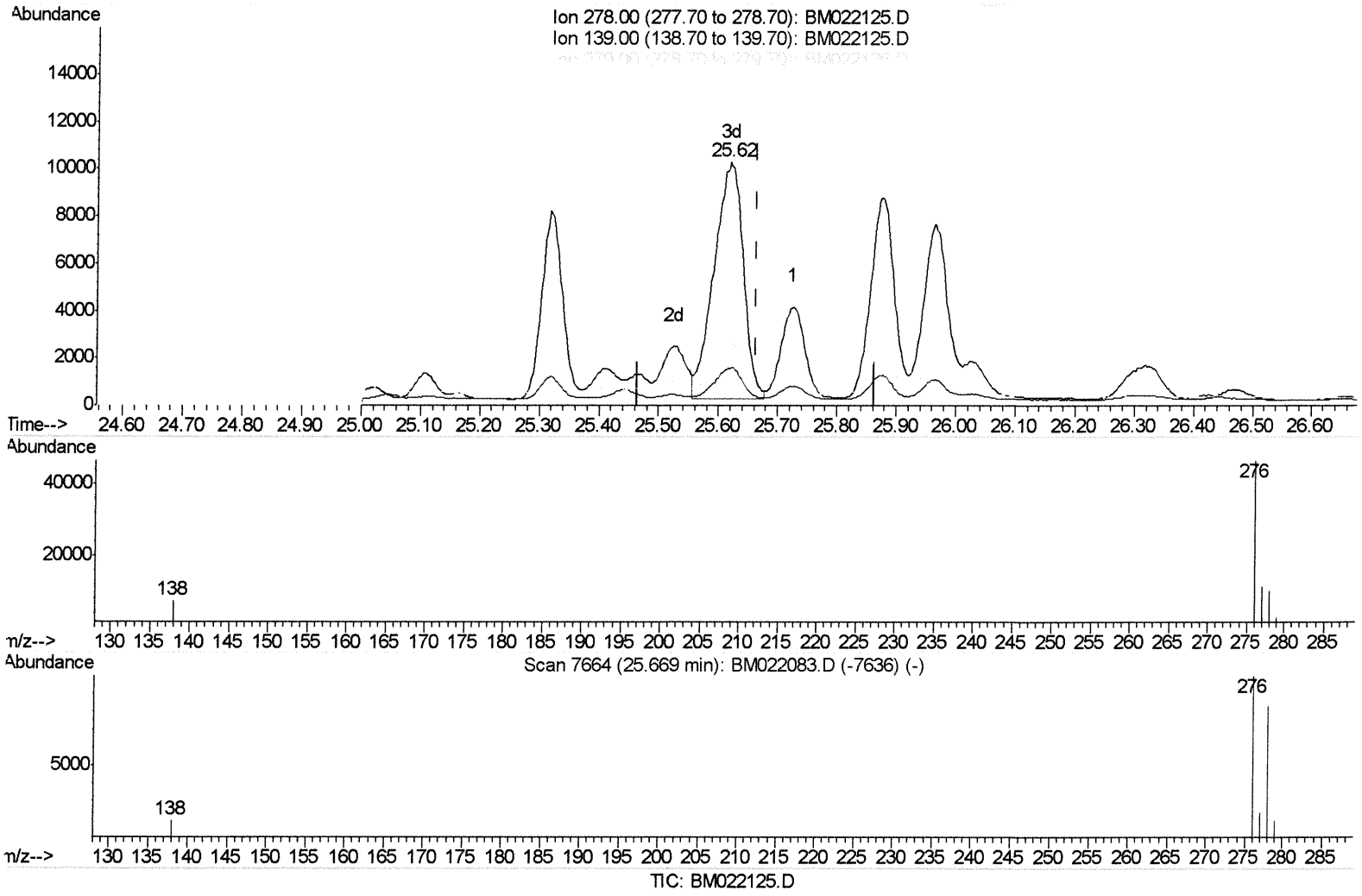
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022125.D
Acq On : 15 Aug 2019 02:46
Operator : HP/JU
Sample : K4304-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Aug 15 12:27:55 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 :
CB5N9

Manual Integrations APPROVED
mohammad
8/15/2019 5:09:57 PM



TIC: BM022125.D

(25) Dibenzo(a,h)anthracene

25.618min (-0.046) 2.66ng/ul m 08/15/19

response 34495

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	15.22
279.00	35.40	26.07#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022125.D
Acq On : 15 Aug 2019 02:46
Operator : HP/JU
Sample : K4304-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB5N9

Manual Integrations APPROVED
mohammad
8/15/2019 5:09:57 PM

Quant Time: Aug 15 12:29:10 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	851	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.37	136	3585	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.25	164	1900	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.01	188	4042m→	0.40	ng/ul	-0.03 JU 08/15/19
16) Chrysene-d12	21.21	240	4130m→	0.40	ng/ul	-0.02
20) Perylene-d12	23.42	264	3920m→	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	2379	0.40	ng/ul	-0.03
14) Fluoranthene-d10	19.05	212	5350m →	0.39	ng/ul	-0.02 JU 08/15/19
Target Compounds						Qvalue
3) Naphthalene	10.42	128	19915	1.967	ng/ul#	92
5) 2-Methylnaphthalene	12.05	142	7175	1.063	ng/ul	96
7) Acenaphthylene	13.97	152	10190	1.150	ng/ul#	82
8) Acenaphthene	14.31	153	14162	1.953	ng/ul	96
9) Fluorene	15.31	166	15125	1.878	ng/ul	99
12) Phenanthrene	17.05	178	232546m→	19.773	ng/ul	JU 08/15/19
13) Anthracene	17.14	178	49996m→	4.984	ng/ul	
15) Fluoranthene	19.08	202	394861m→	25.063	ng/ul	
17) Pyrene	19.44	202	329725	19.428	ng/ul	97
18) Benzo(a)anthracene	21.20	228	196498m→	13.301	ng/ul	JU 08/15/19
19) Chrysene	21.25	228	180822	9.518	ng/ul	99
21) Benzo(b)fluoranthene	22.76	252	241601m→	18.277	ng/ul	JU 08/15/19
22) Benzo(k)fluoranthene	22.80	252	101862m→	6.809	ng/ul	
23) Benzo(a)pyrene	23.32	252	171719	12.774	ng/ul#	74
24) Indeno(1,2,3-cd)pyrene	25.62	276	119856	7.467	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.62	278	34495m→	2.659	ng/ul	JU 08/15/19
26) Benzo(g,h,i)perylene	26.29	276	99928	6.915	ng/ul	95

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