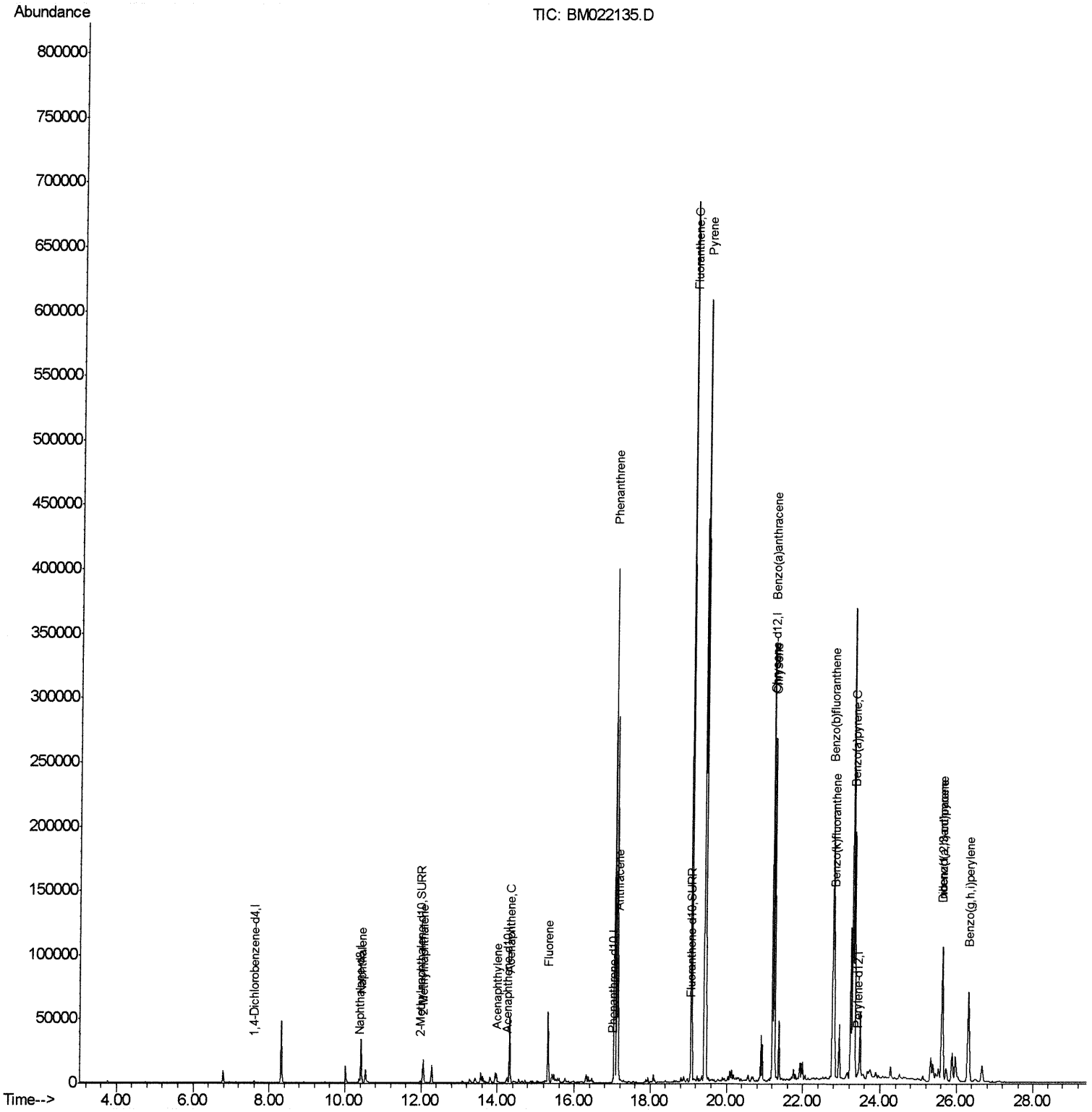
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022135.D
Acq On : 15 Aug 2019 08:52
Operator : HP/JU
Sample : K4304-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 15 13:34:45 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 :
CB5P4

Manual Integrations APPROVED
mohammad
8/15/2019 5:10:28 PM

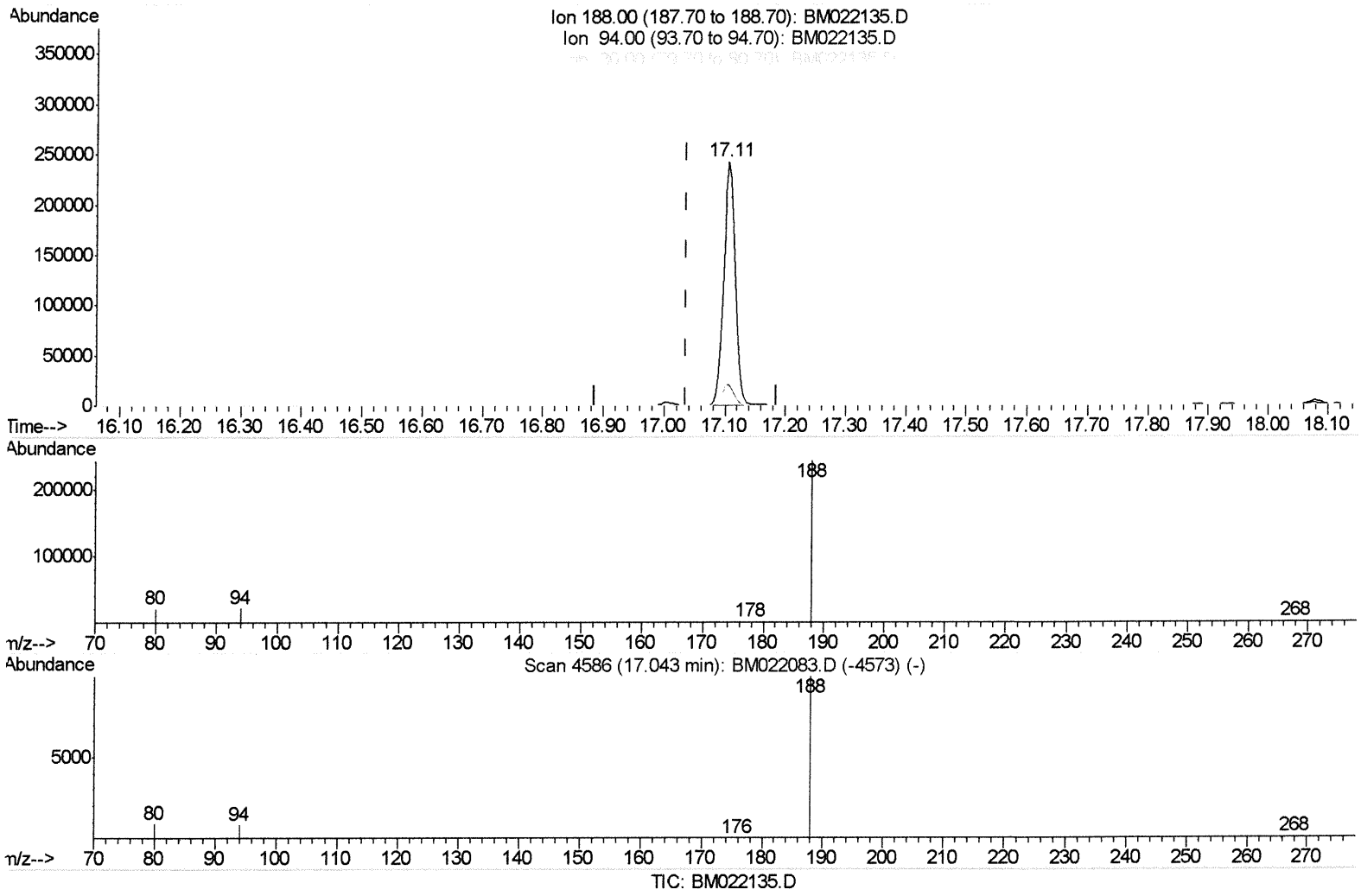


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022135.D
Acq On : 15 Aug 2019 08:52
Operator : HP/JU
Sample : K4304-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 15 13:11:24 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 : Wed Aug 14 13:53:23 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB5P4

Manual Integrations APPROVED
mohammad
8/15/2019 5:10:28 PM



TIC: BM022135.D

(10) Phenanthrene-d10 (I)

17.105min (+0.069) 0.40ng/ul

response 322272

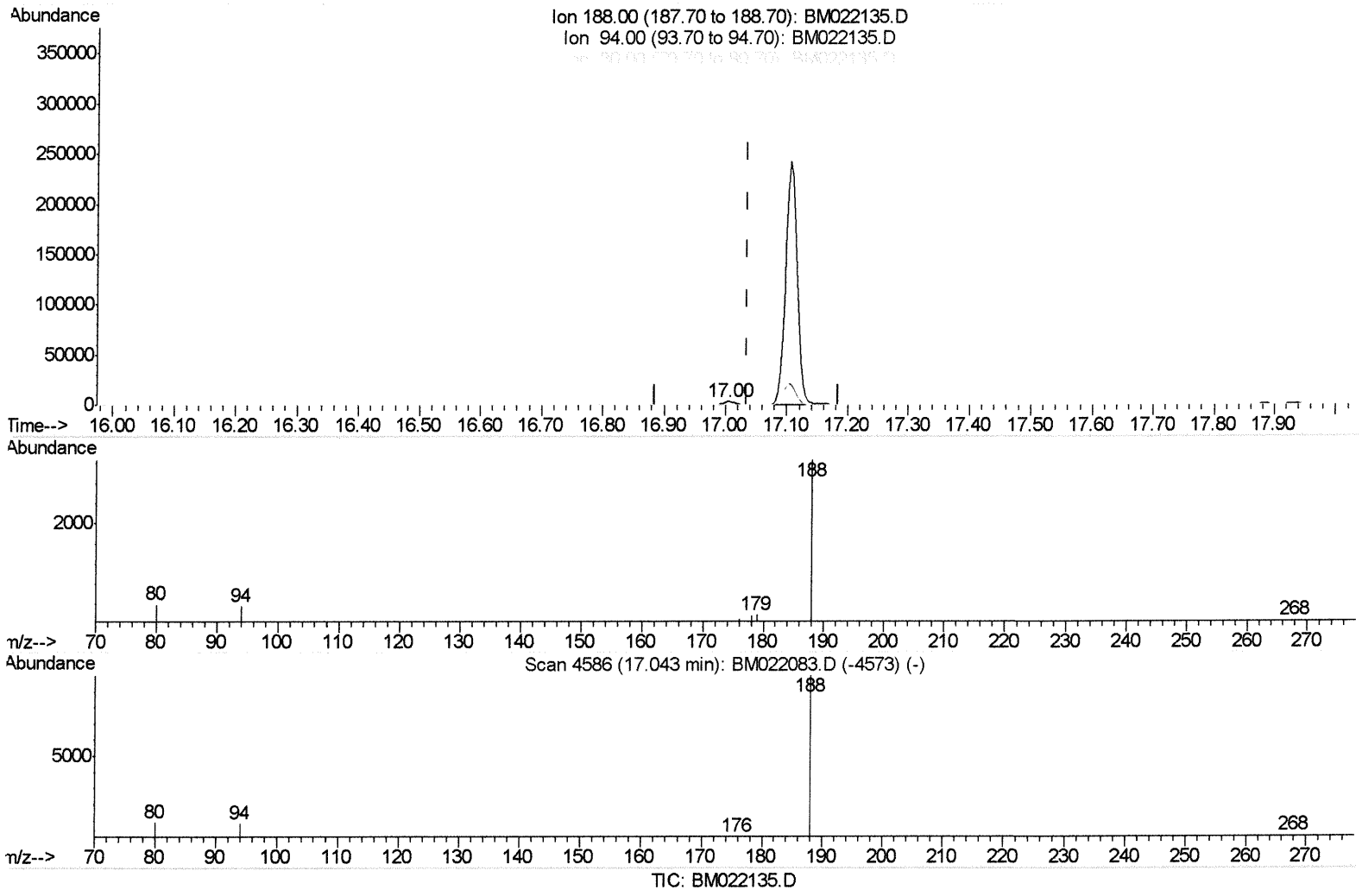
Ion	Exp%	Act%
188.00	100	100
94.00	10.40	8.80
80.00	11.40	8.37#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022135.D
Acq On : 15 Aug 2019 08:52
Operator : HP/JU
Sample : K4304-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 15 13:11:24 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 : Wed Aug 14 13:53:23 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB5P4

Manual Integrations APPROVED
mohammad
8/15/2019 5:10:28 PM



TIC: BM022135.D

(10) Phenanthrene-d10 (I)

17.005min (-0.031) 0.40ng/ul m JU 08/15/19

response 4531

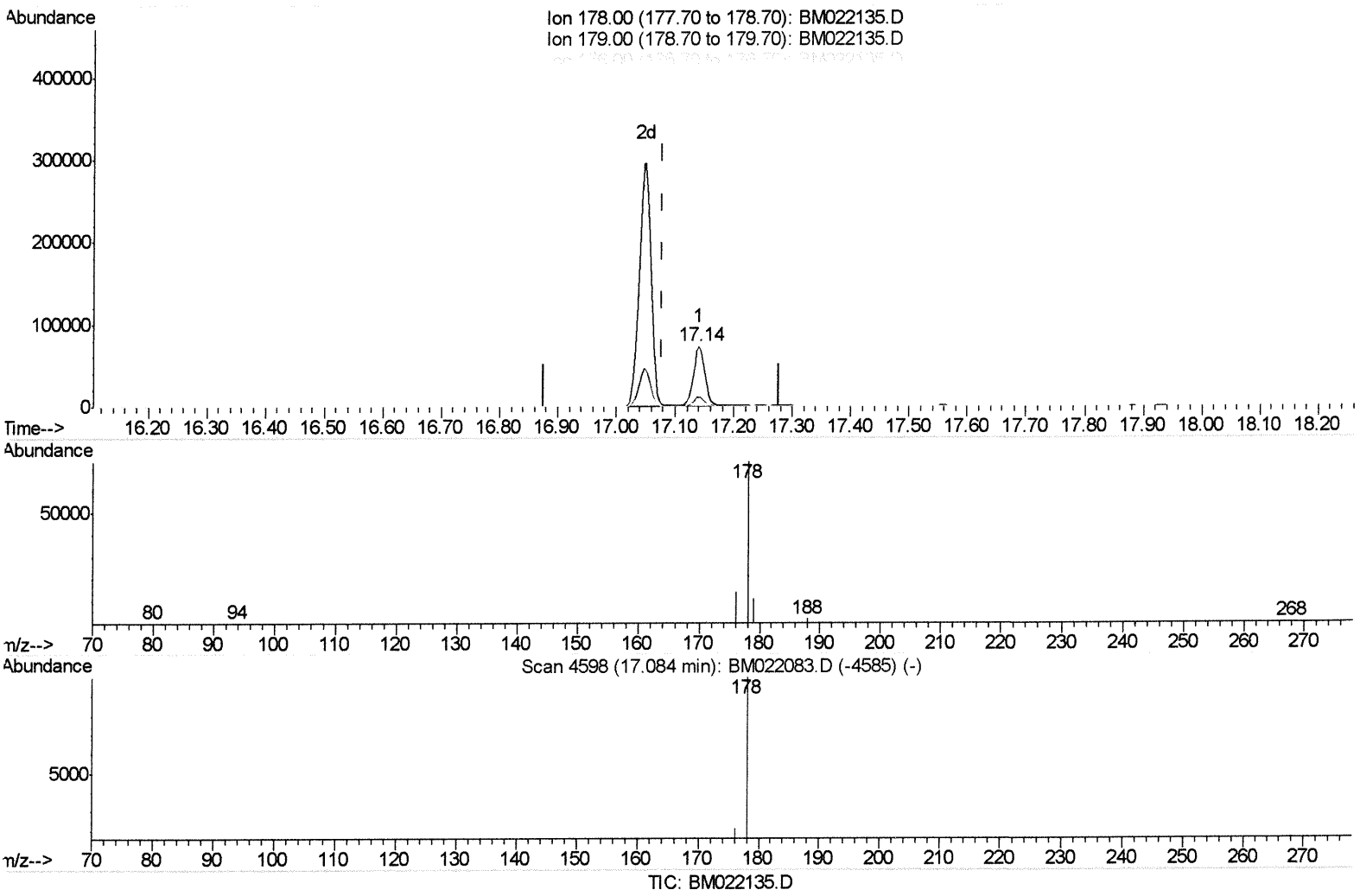
Ion	Exp%	Act%
188.00	100	100
94.00	10.40	10.93
80.00	11.40	11.85
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022135.D
Acq On : 15 Aug 2019 08:52
Operator : HP/JU
Sample : K4304-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 15 13:11:53 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 :
CB5P4

Manual Integrations APPROVED
mohammad
8/15/2019 5:10:28 PM



(12) Phenanthrene

17.140min (+0.063) 7.64ng/ul

response 100730

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	15.40
176.00	21.00	19.17
0.00	0.00	0.00

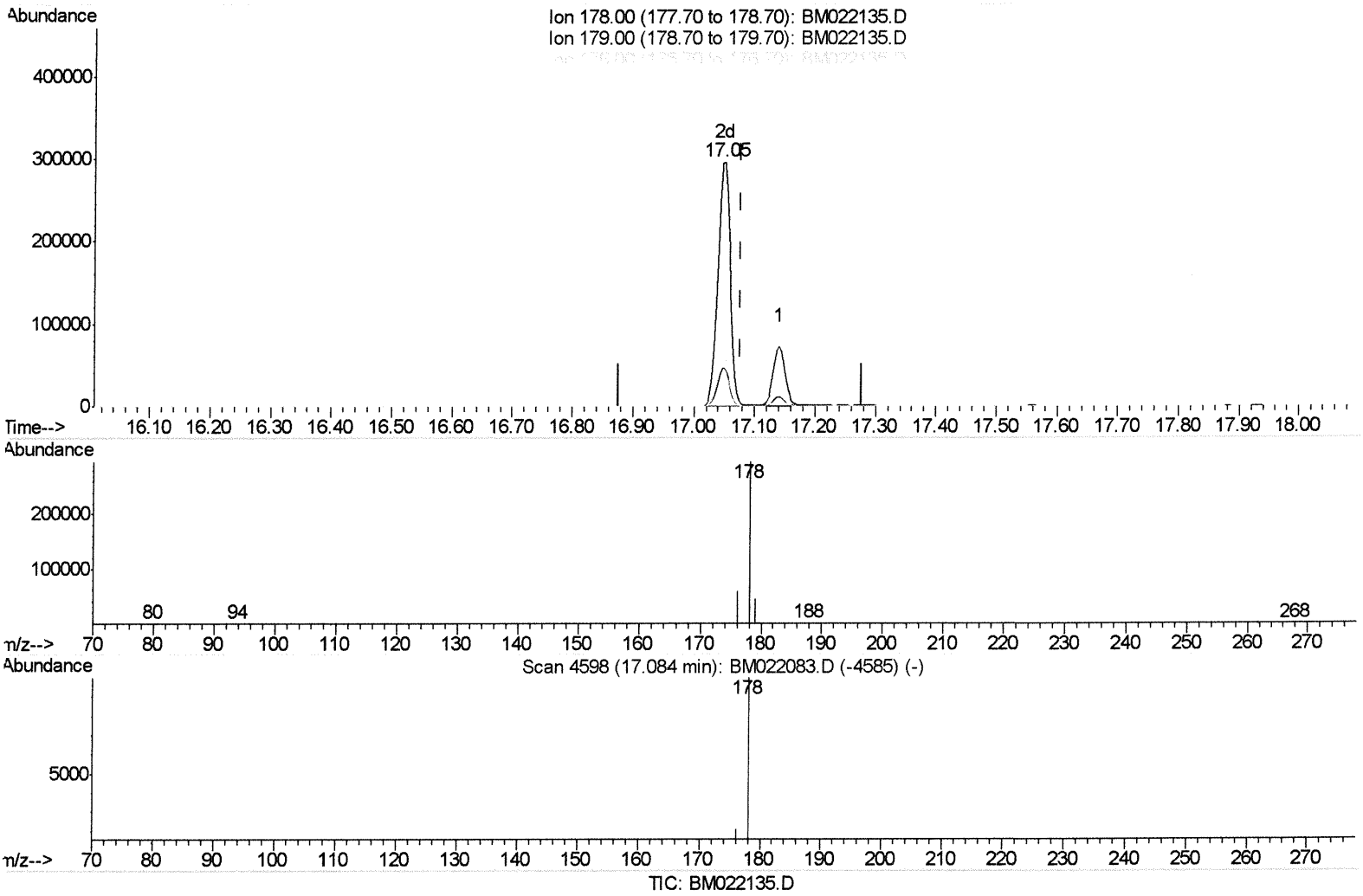
Quantitation Report (Quan)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022135.D
Acq On : 15 Aug 2019 08:52
Operator : HP/JU
Sample : K4304-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 15 13:11:53 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 :
CB5P4

Manual Integrations APPROVED
mohammad
8/15/2019 5:10:28 PM



TIC: BM022135.D

(12) Phenanthrene

17.050min (-0.028) 31.40ng/ul m JU 08/15/19

response 413952

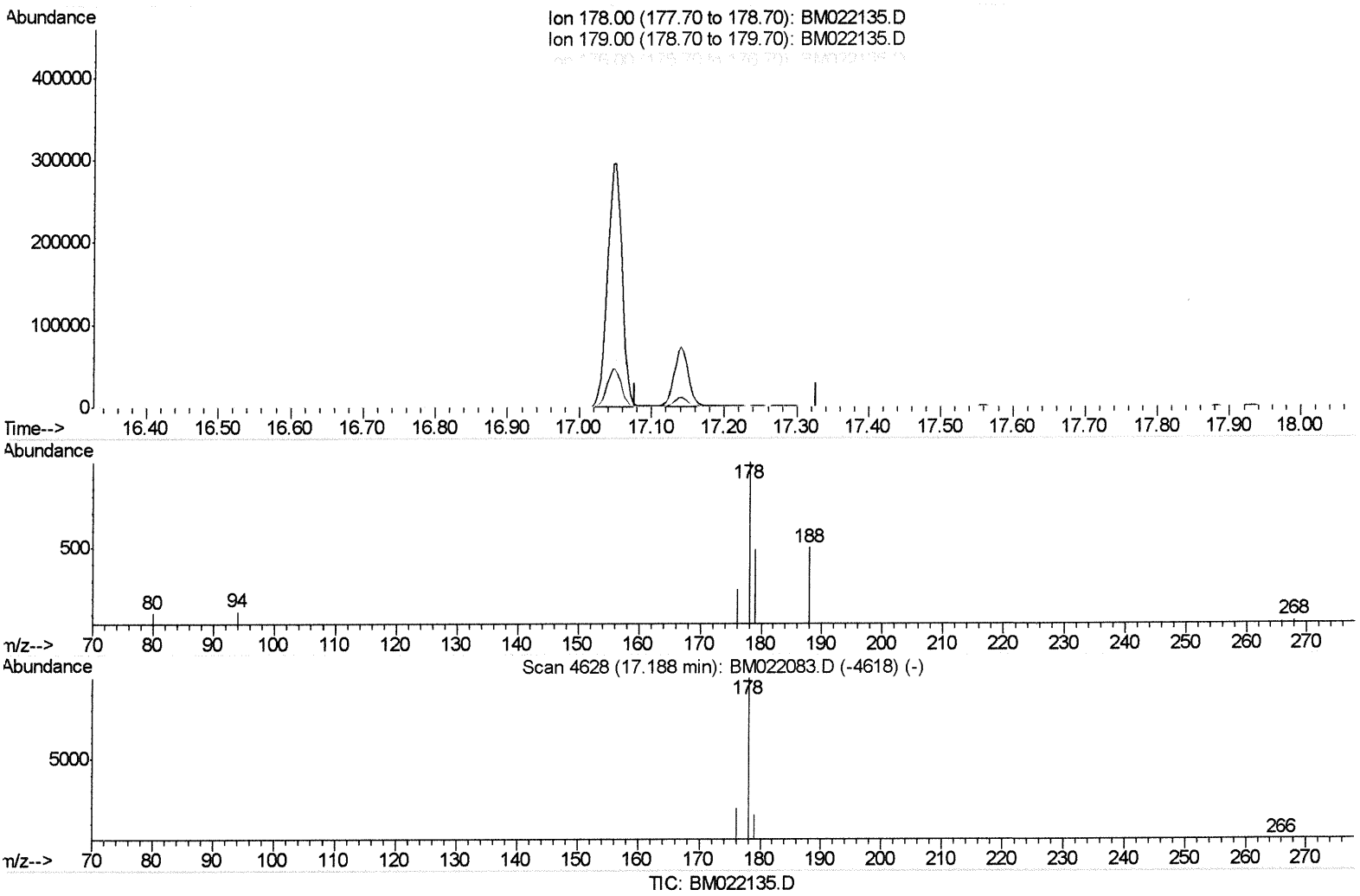
Ion	Exp%	Act%
178.00	100	100
179.00	17.70	15.43
176.00	21.00	19.66
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022135.D
Acq On : 15 Aug 2019 08:52
Operator : HP/JU
Sample : K4304-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 15 13:11:53 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 :
CB5P4

Manual Integrations APPROVED
mohammad
8/15/2019 5:10:28 PM



TIC: BM022135.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

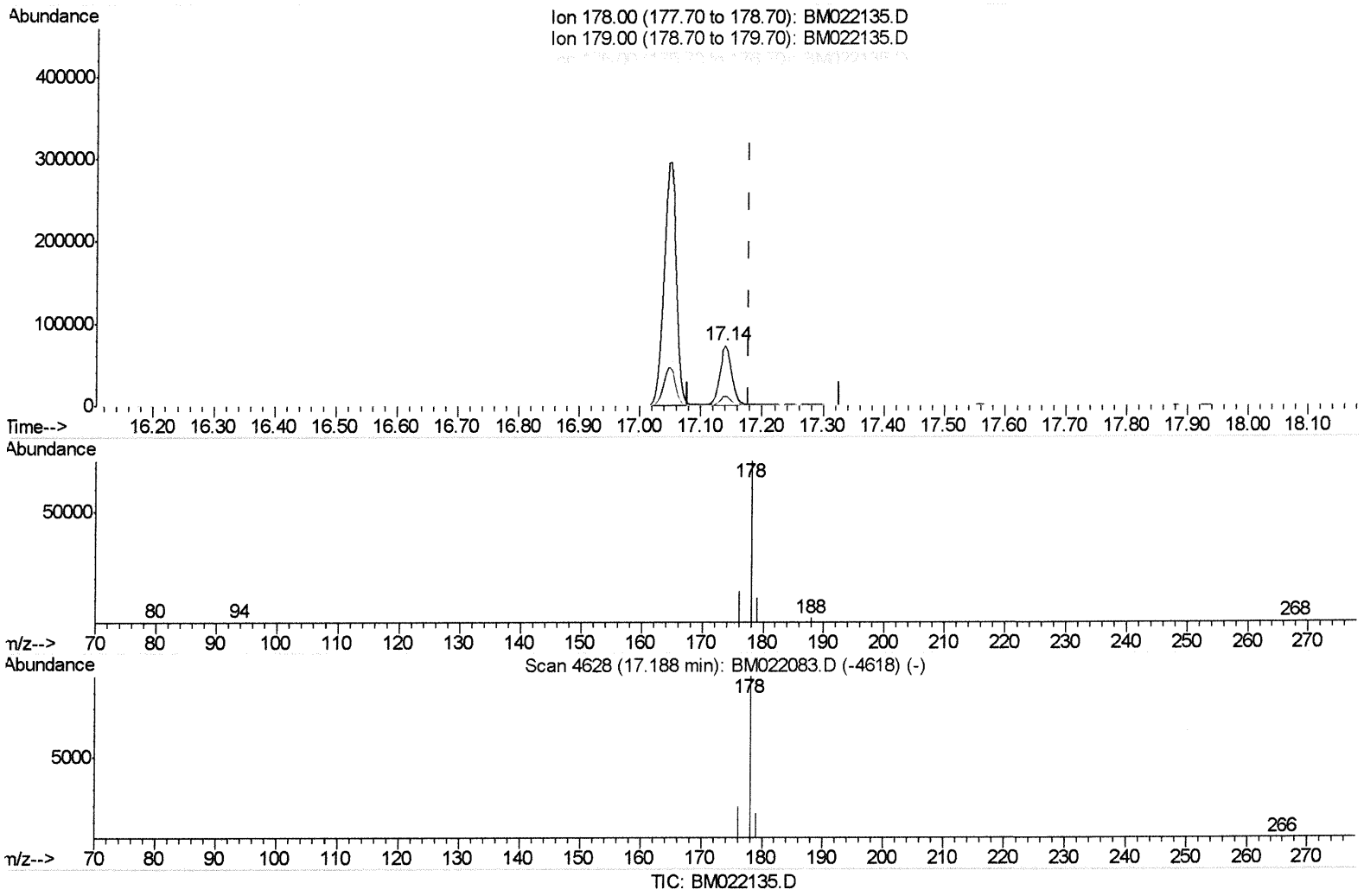
Quantitation Report (Quan)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022135.D
Acq On : 15 Aug 2019 08:52
Operator : HP/JU
Sample : K4304-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 15 13:11:53 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 :
CB5P4

Manual Integrations APPROVED
mohammad
8/15/2019 5:10:28 PM



(13) Anthracene

17.140min (-0.038) 8.92ng/ul m JU 08/15/19

response 100348

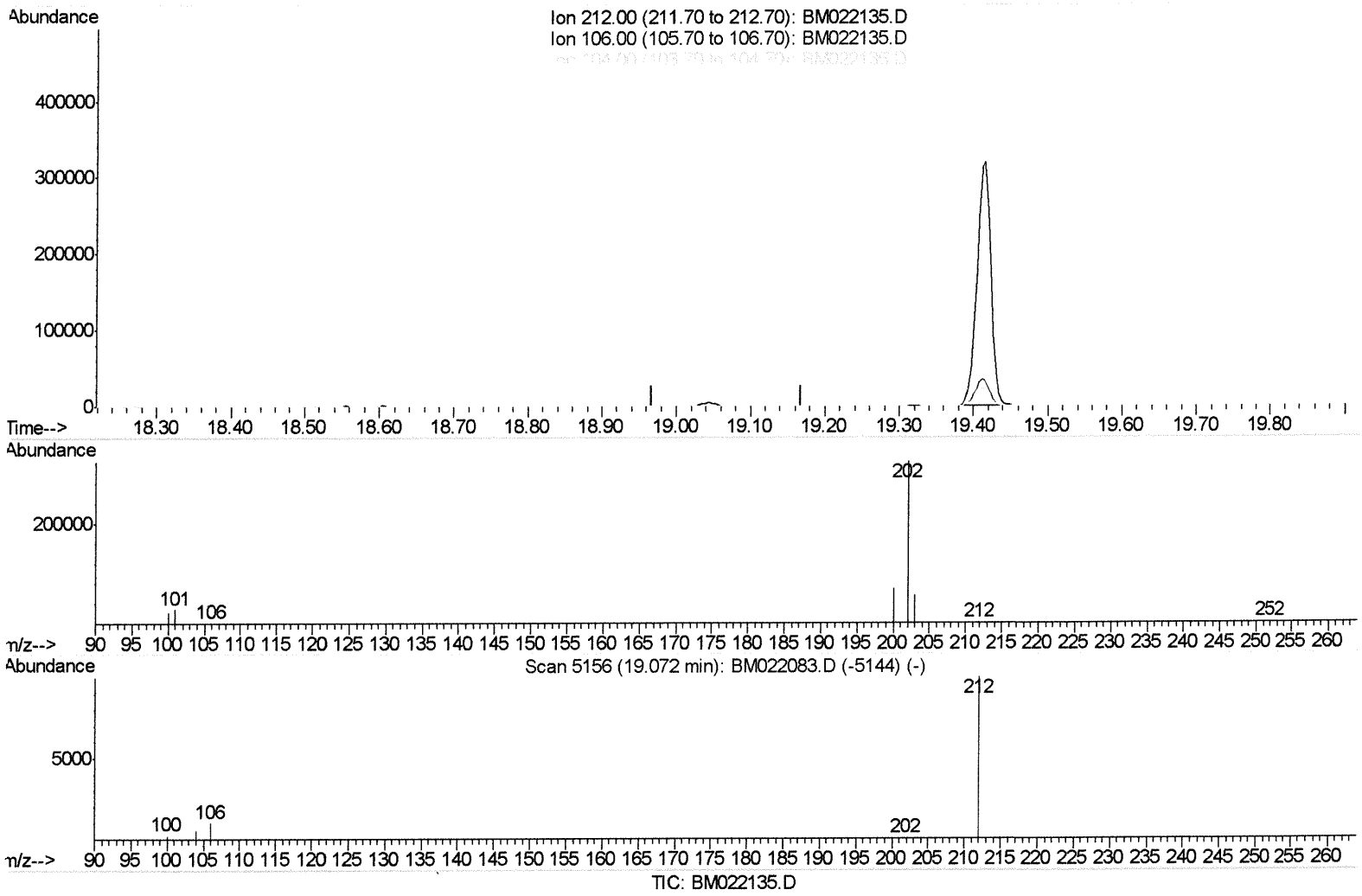
Ion	Exp%	Act%
178.00	100	100
179.00	19.40	15.40#
176.00	20.80	19.17
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022135.D
Acq On : 15 Aug 2019 08:52
Operator : HP/JU
Sample : K4304-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 15 13:11:53 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 :
CB5P4

Manual Integrations APPROVED
mohammad
8/15/2019 5:10:28 PM



(14) Fluoranthene-d10 (SURR)

19.068min (-19.068) 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

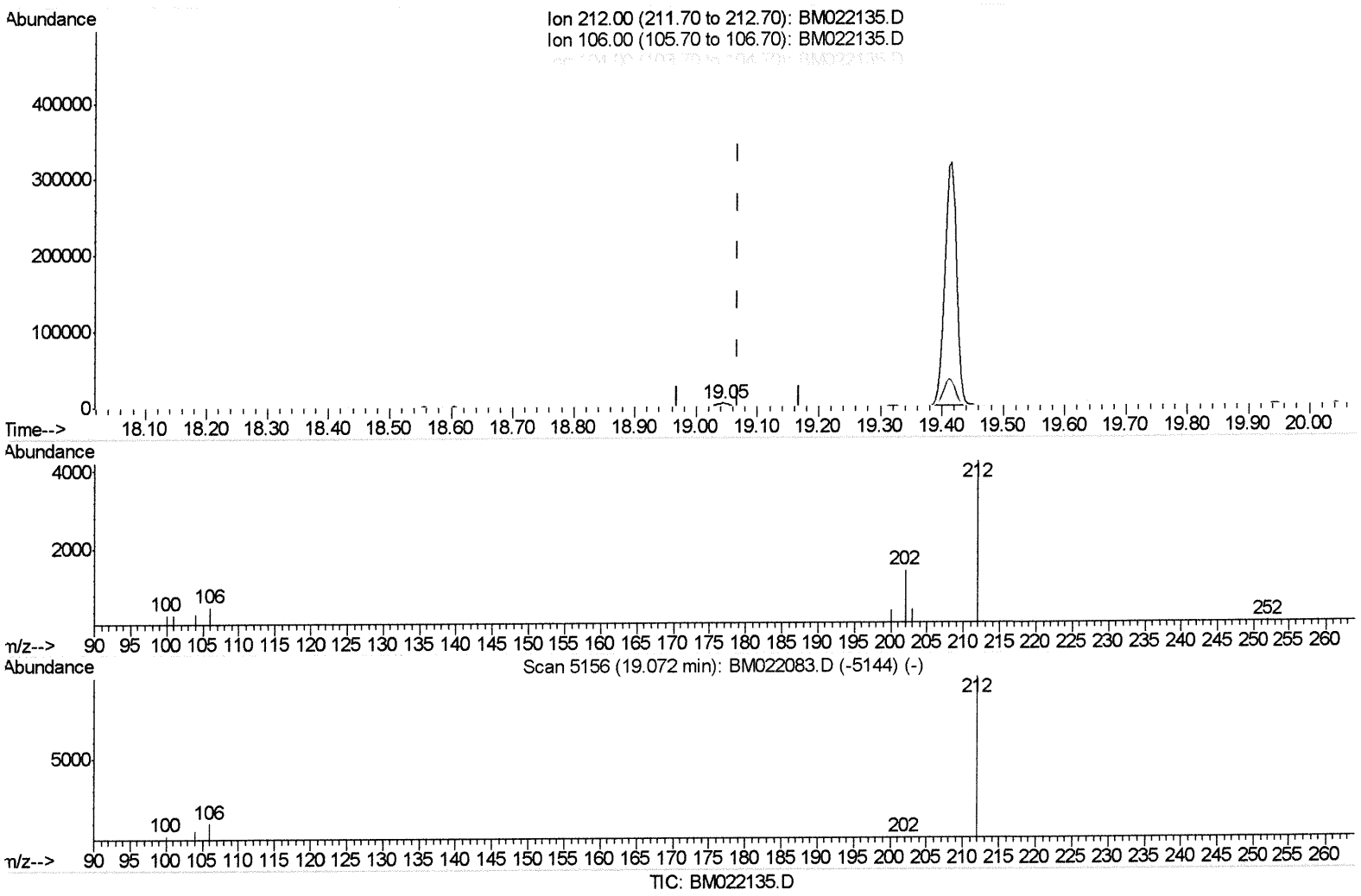
Quantitation Report (Quan)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022135.D
Acq On : 15 Aug 2019 08:52
Operator : HP/JU
Sample : K4304-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 15 13:11:53 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 :
CB5P4

Manual Integrations APPROVED
mohammad
8/15/2019 5:10:28 PM



(14) Fluoranthene-d10 (SURR) JU 08/15/19

19.045min (-0.023) 0.38ng/ul m

response 5762

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

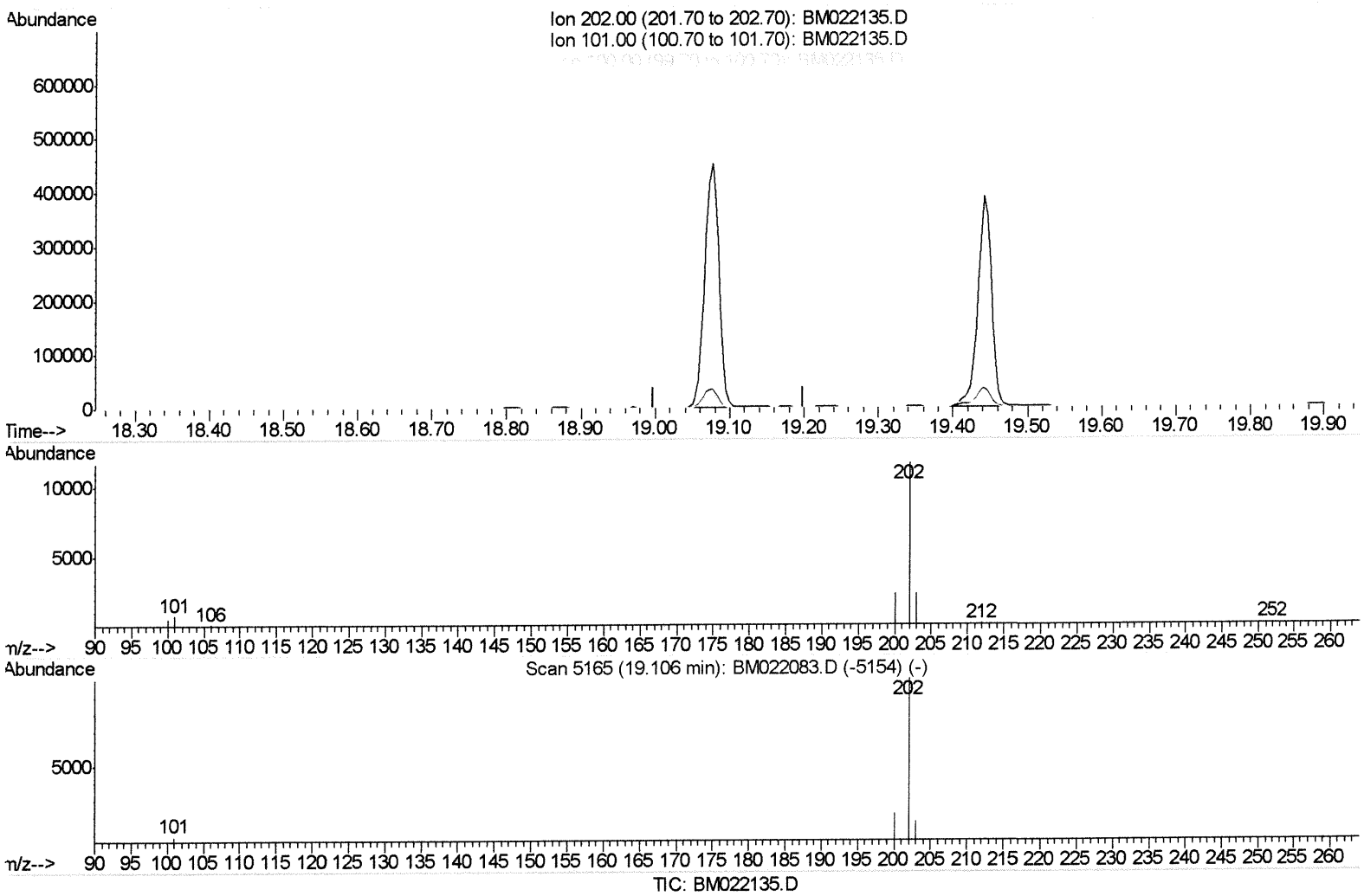
Quantitation Report (Qual)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022135.D
Acq On : 15 Aug 2019 08:52
Operator : HP/JU
Sample : K4304-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 15 13:11:53 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 :
CB5P4

Manual Integrations APPROVED
mohammad
8/15/2019 5:10:28 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

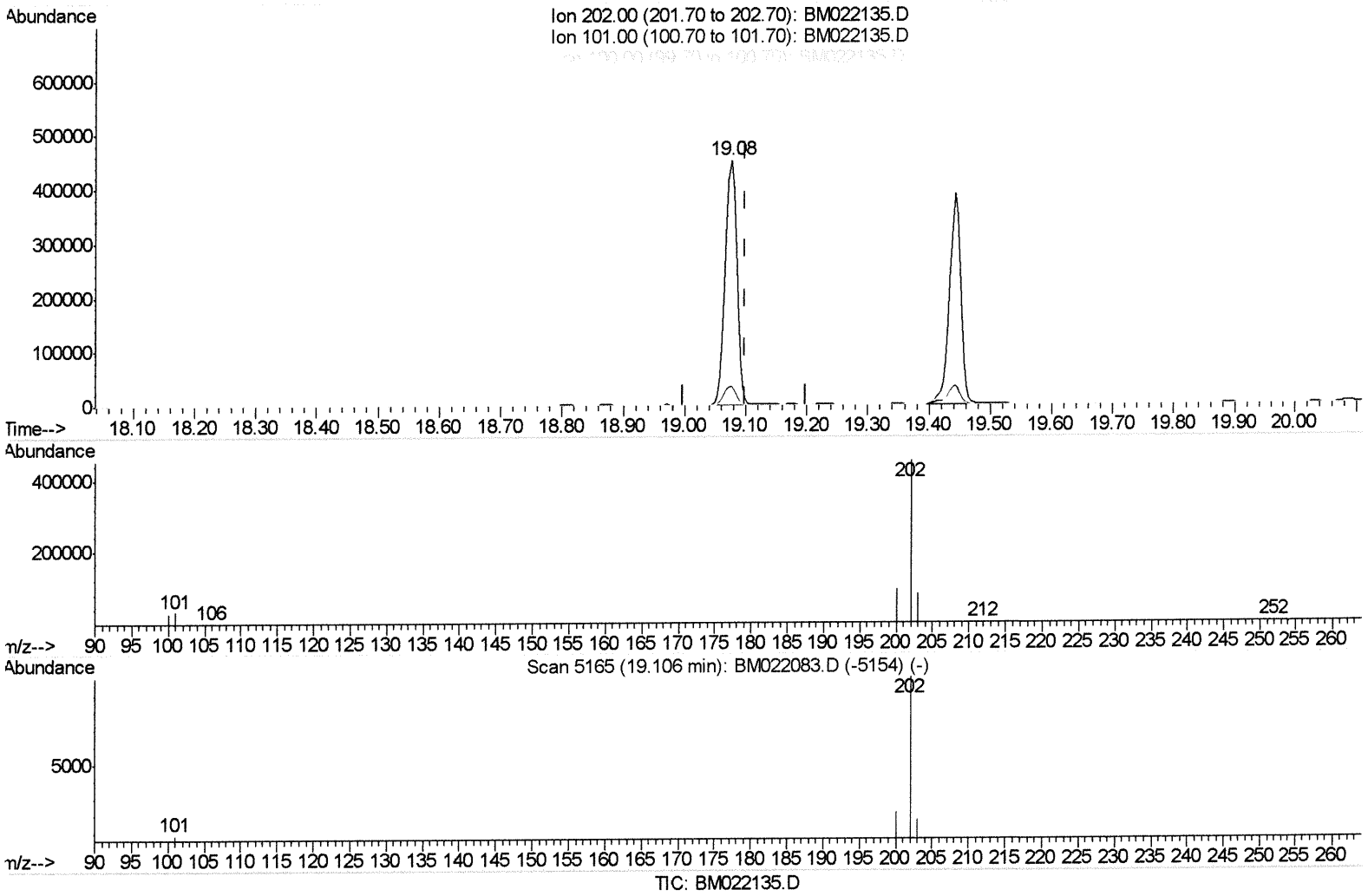
Quantitation Report (Quan)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022135.D
Acq On : 15 Aug 2019 08:52
Operator : HP/JU
Sample : K4304-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 15 13:11:53 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 :
CB5P4

Manual Integrations APPROVED
mohammad
8/15/2019 5:10:28 PM



TIC: BM022135.D

(15) Fluoranthene (C)

19.076min (-0.023) 33.77ng/ul m JU 08/15/19

response 596402

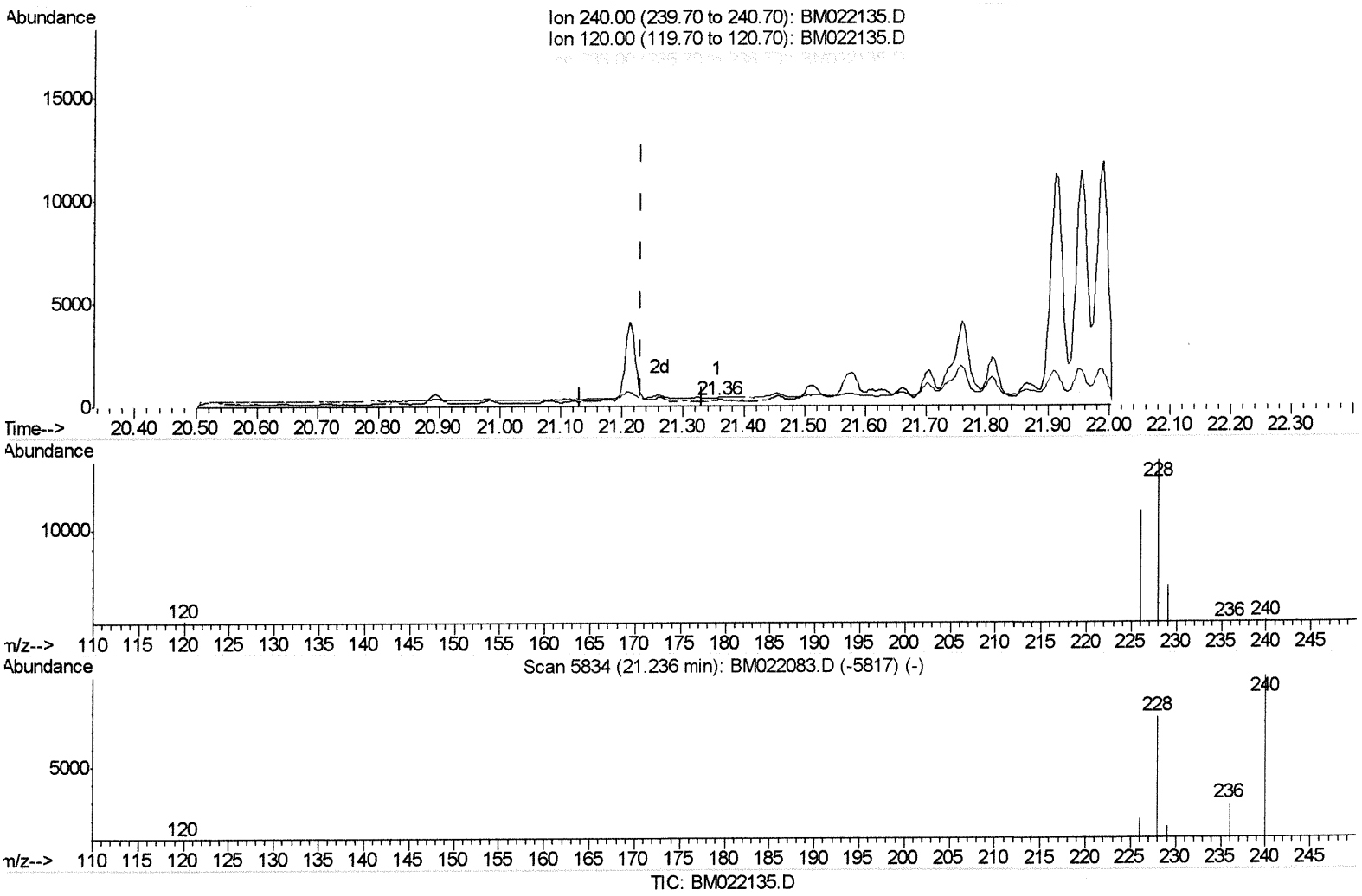
Ion	Exp%	Act%
202.00	100	100
101.00	10.20	7.54
100.00	8.10	5.88
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022135.D
Acq On : 15 Aug 2019 08:52
Operator : HP/JU
Sample : K4304-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 15 13:11:53 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 :
CB5P4

Manual Integrations APPROVED
mohammad
8/15/2019 5:10:28 PM



(16) Chrysene-d12 (I)

21.357min (+0.126) 0.40ng/ul

response 230

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	129.34#
236.00	32.30	68.14#
0.00	0.00	0.00

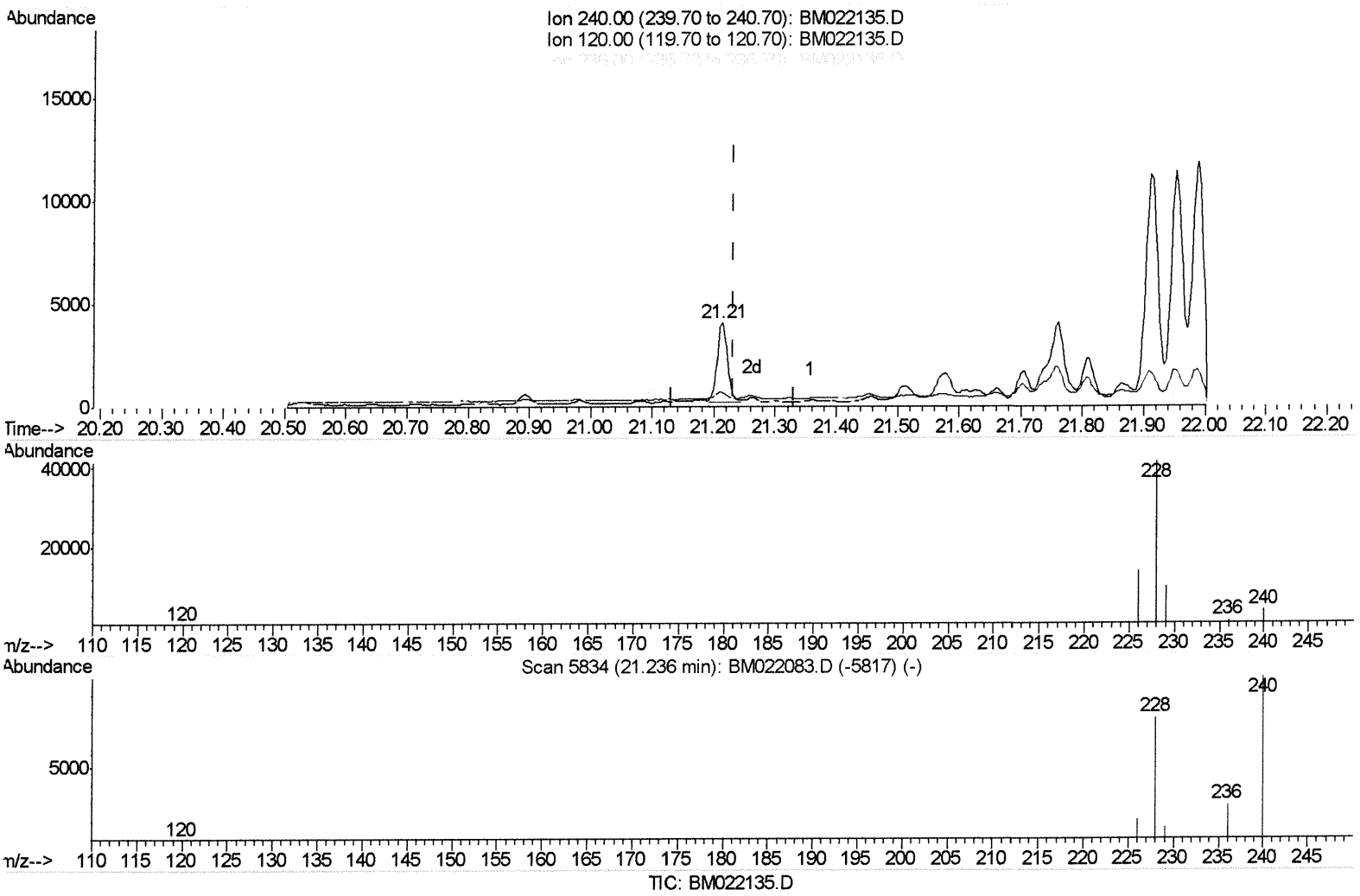
Quantitation Report (Quan)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022135.D
Acq On : 15 Aug 2019 08:52
Operator : HP/JU
Sample : K4304-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 15 13:11:53 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 :
CB5P4

Manual Integrations APPROVED
mohammad
8/15/2019 5:10:28 PM



(16) Chrysene-d12 (I)

21.212min (-0.019) 0.40ng/ul m JU 08/15/19

response 4573

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	17.64
236.00	32.30	31.96
0.00	0.00	0.00

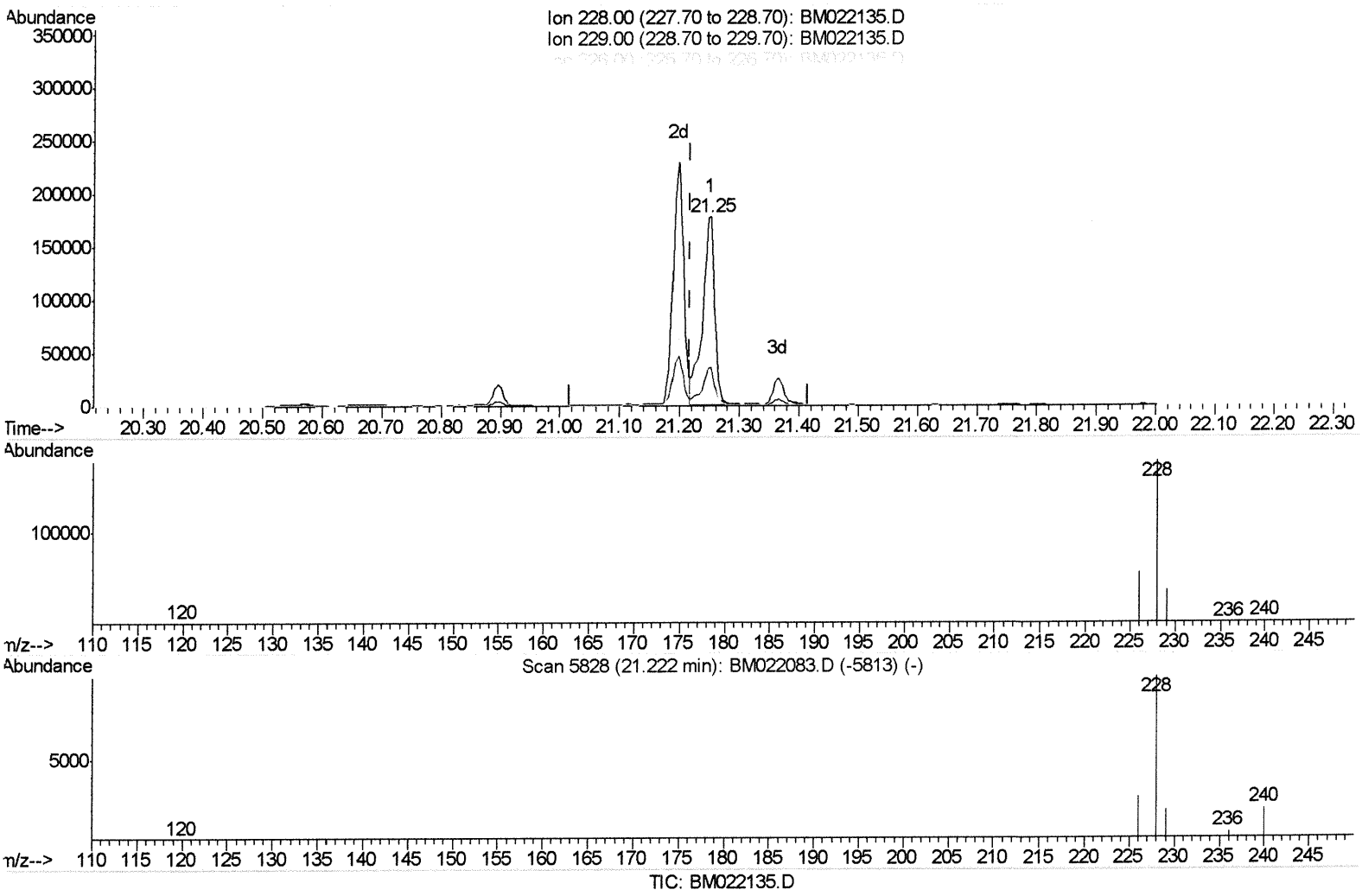
Quantitation Report (Quant)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022135.D
Acq On : 15 Aug 2019 08:52
Operator : HP/JU
Sample : K4304-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 15 13:32:24 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 : Wed Aug 14 13:53:23 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB5P4

Manual Integrations APPROVED
mohammad
8/15/2019 5:10:28 PM



TIC: BM022135.D

(18) Benzo(a)anthracene

21.251min (+0.034) 15.60ng/ul

response 255234

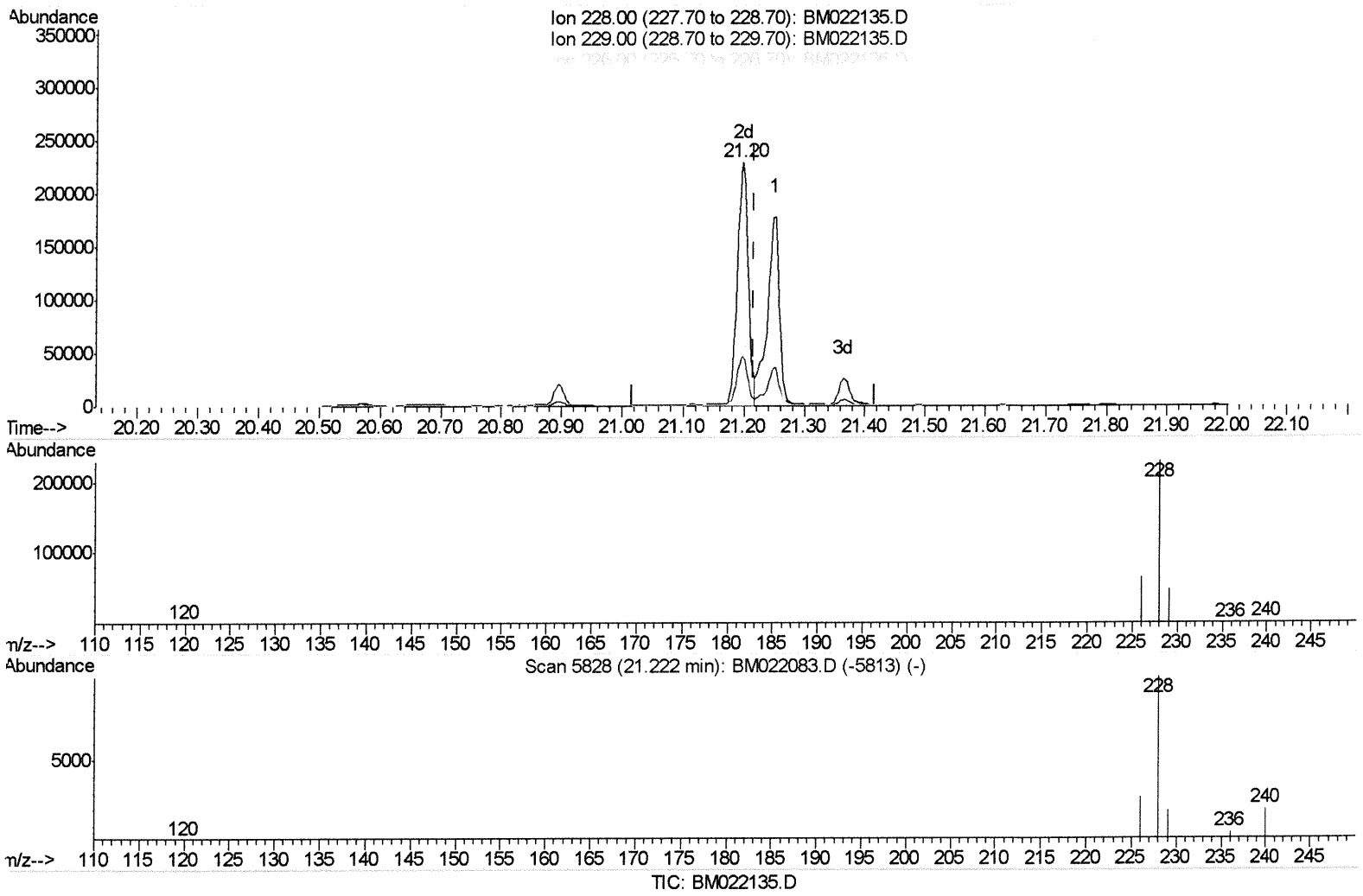
Ion	Exp%	Act%
228.00	100	100
229.00	21.50	20.28
226.00	28.30	30.63
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022135.D
Acq On : 15 Aug 2019 08:52
Operator : HP/JU
Sample : K4304-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 15 13:32:24 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 : Wed Aug 14 13:53:23 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB5P4

Manual Integrations APPROVED
mohammad
8/15/2019 5:10:28 PM



TIC: BM022135.D

(18) Benzo(a)anthracene

21.198min (-0.019) 17.43ng/ul m JU 08/15/19

response 285084

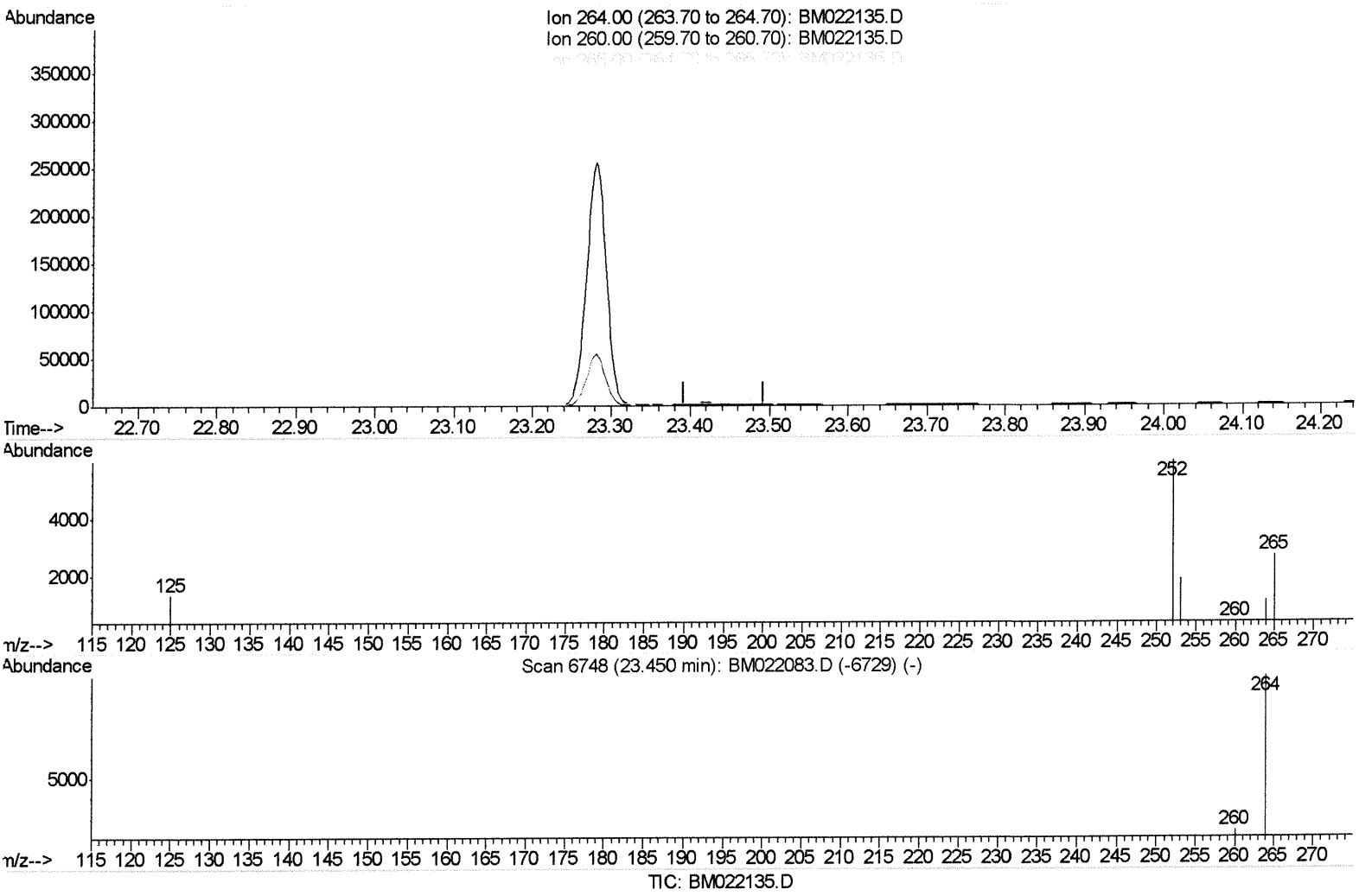
Ion	Exp%	Act%
228.00	100	100
229.00	21.50	20.46
226.00	28.30	28.20
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022135.D
Acq On : 15 Aug 2019 08:52
Operator : HP/JU
Sample : K4304-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 15 13:32:24 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 : Wed Aug 14 13:53:23 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB5P4

Manual Integrations APPROVED
mohammad
8/15/2019 5:10:28 PM



TIC: BM022135.D

(20) Perylene-d12 (I)

23.442min (-23.442) 0.00ng/ul

response 0

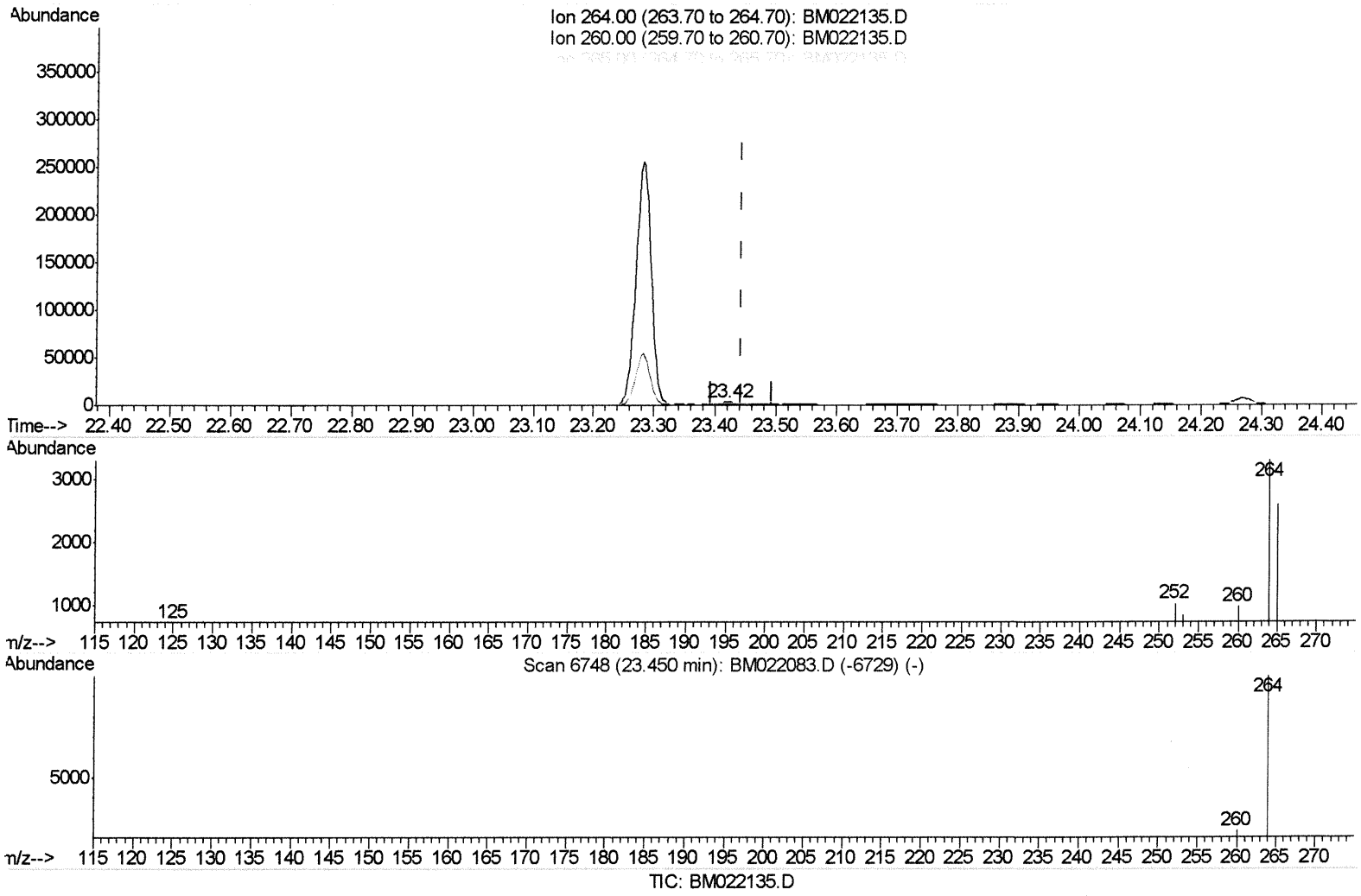
Ion	Exp%	Act%
264.00	100	0.00
260.00	27.50	0.00#
265.00	117.00	0.00#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022135.D
Acq On : 15 Aug 2019 08:52
Operator : HP/JU
Sample : K4304-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 15 13:32:24 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 : Wed Aug 14 13:53:23 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB5P4

Manual Integrations APPROVED
mohammad
8/15/2019 5:10:28 PM



(20) Perylene-d12 (I)

23.421min (-0.022) 0.40ng/ul m JU 08/15/19

response 4782

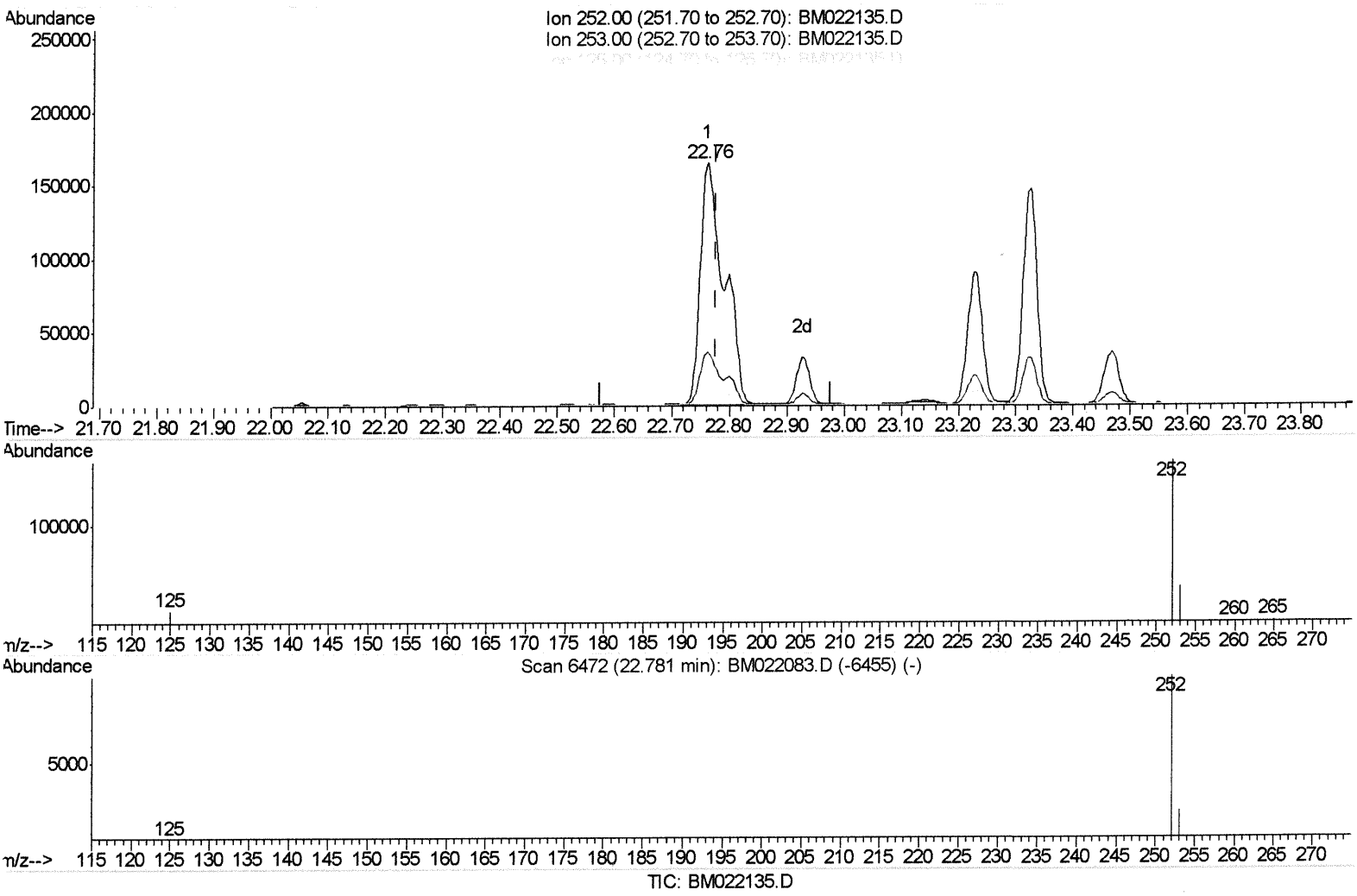
Ion	Exp%	Act%
264.00	100	100
260.00	27.50	29.51
265.00	117.00	78.67#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022135.D
Acq On : 15 Aug 2019 08:52
Operator : HP/JU
Sample : K4304-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 15 13:33:17 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 :
CB5P4

Manual Integrations APPROVED
mohammad
8/15/2019 5:10:28 PM



(21) Benzo(b)fluoranthene

22.762min (-0.014) 29.19ng/ul

response 470705

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	22.25
125.00	15.50	7.84
0.00	0.00	0.00

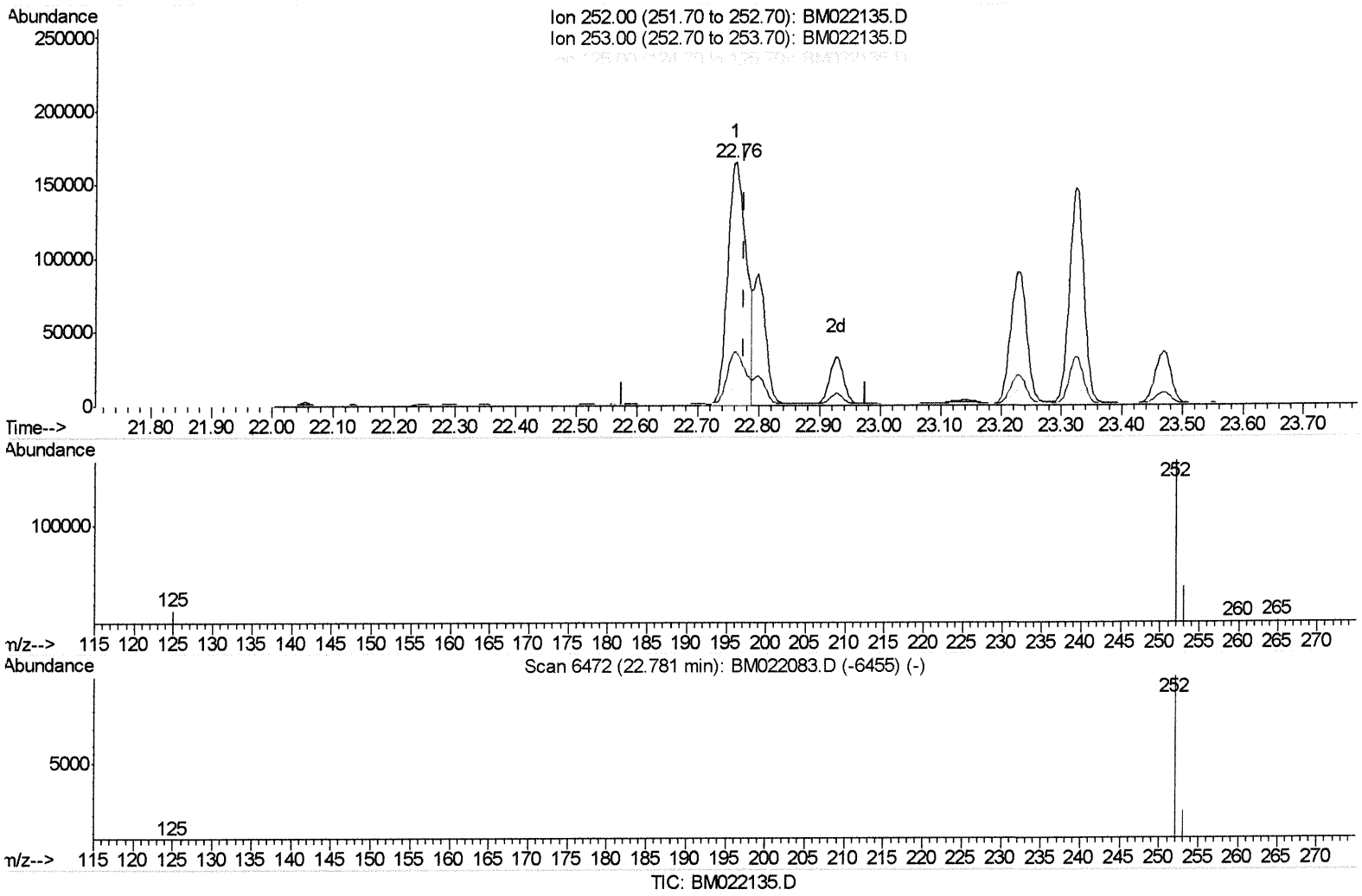
Quantitation Report (Quan)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022135.D
Acq On : 15 Aug 2019 08:52
Operator : HP/JU
Sample : K4304-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 15 13:33:17 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 :
CB5P4

Manual Integrations APPROVED
mohammad
8/15/2019 5:10:28 PM



TIC: BM022135.D

(21) Benzo(b)fluoranthene

22.762min (-0.014) 21.75ng/ul m JU 08/15/19

response 350799

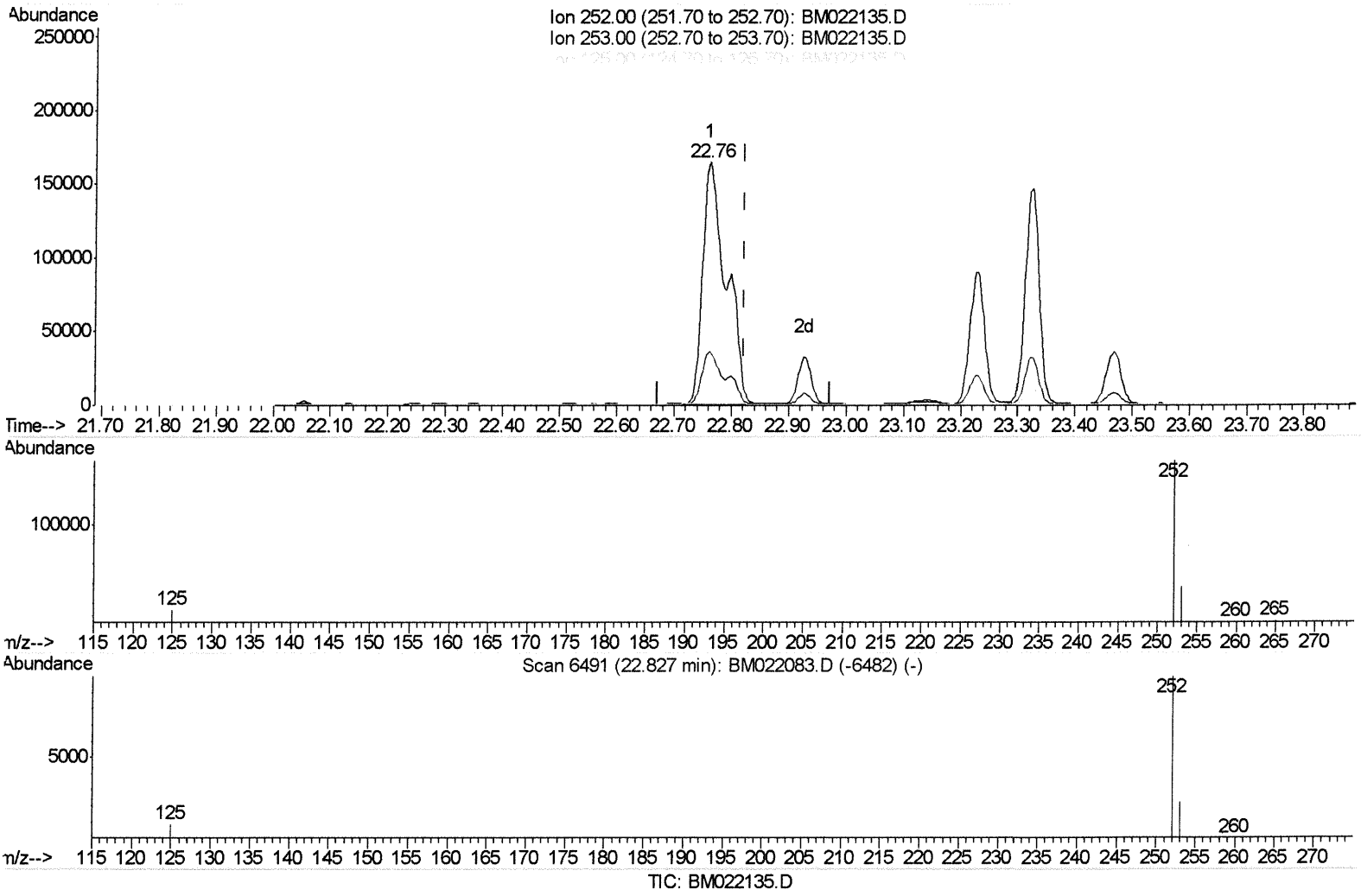
Ion	Exp%	Act%
252.00	100	100
253.00	33.70	22.25
125.00	15.50	7.84
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022135.D
Acq On : 15 Aug 2019 08:52
Operator : HP/JU
Sample : K4304-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 15 13:33:17 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 :
CB5P4

Manual Integrations APPROVED
mohammad
8/15/2019 5:10:28 PM



(22) Benzo(k)fluoranthene

22.762min (-0.060) 25.79ng/ul

response 470705

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	22.25#
125.00	15.20	7.84#
0.00	0.00	0.00

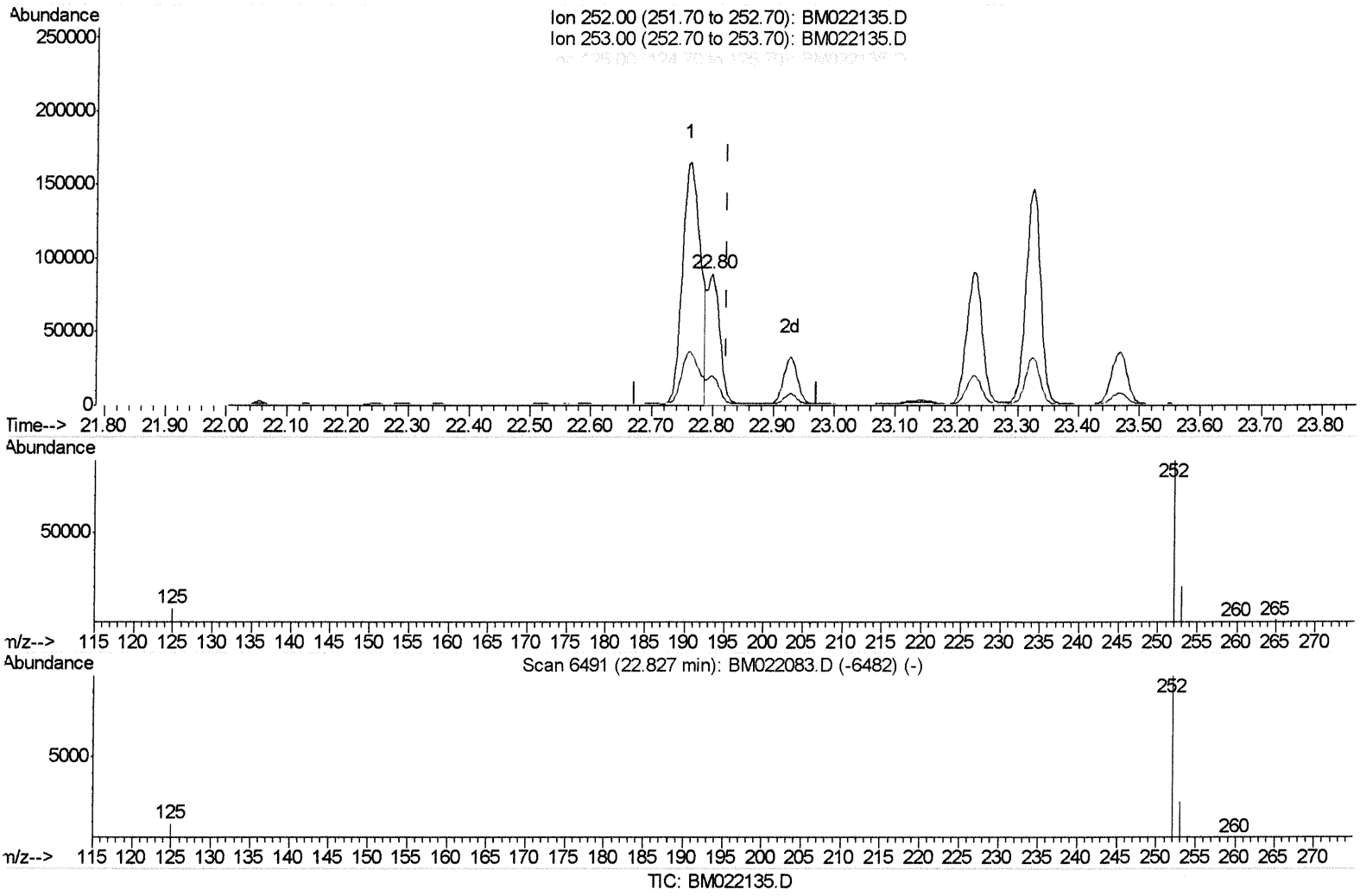
Quantitation Report (Quan)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022135.D
Acq On : 15 Aug 2019 08:52
Operator : HP/JU
Sample : K4304-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 15 13:33:17 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 :
CB5P4

Manual Integrations APPROVED
mohammad
8/15/2019 5:10:28 PM



(22) Benzo(k)fluoranthene

22.798min (-0.024) 7.46ng/ul m JU 08/15/19

response 136196

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	22.46#
125.00	15.20	8.45#
0.00	0.00	0.00

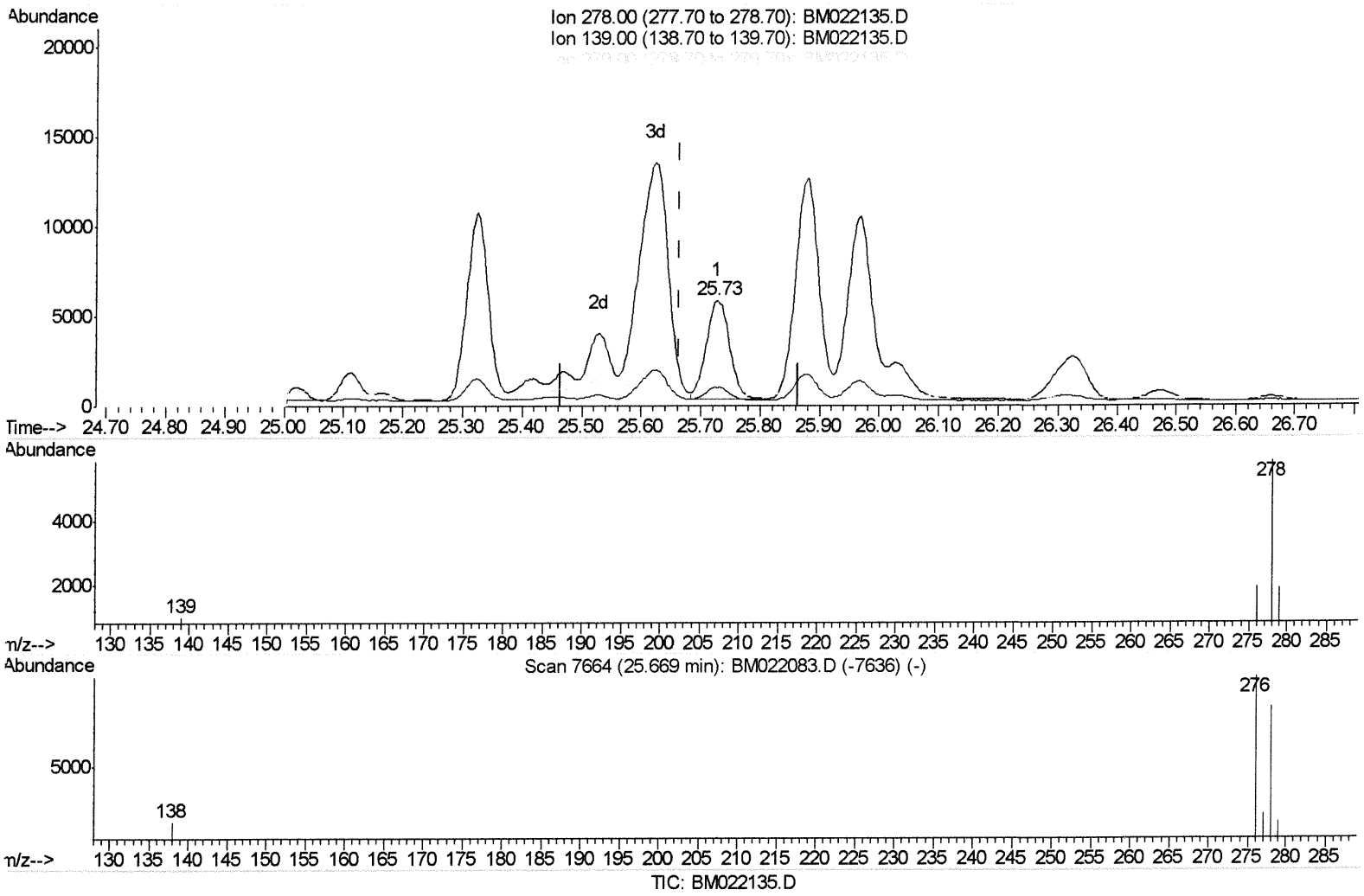
Quantitation Report (Quant)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022135.D
Acq On : 15 Aug 2019 08:52
Operator : HP/JU
Sample : K4304-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 15 13:33:17 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 :
CB5P4

Manual Integrations APPROVED
mohammad
8/15/2019 5:10:28 PM



TIC: BM022135.D

(25) Dibenzo(a,h)anthracene

25.727min (+0.063) 0.94ng/ul

response 14899

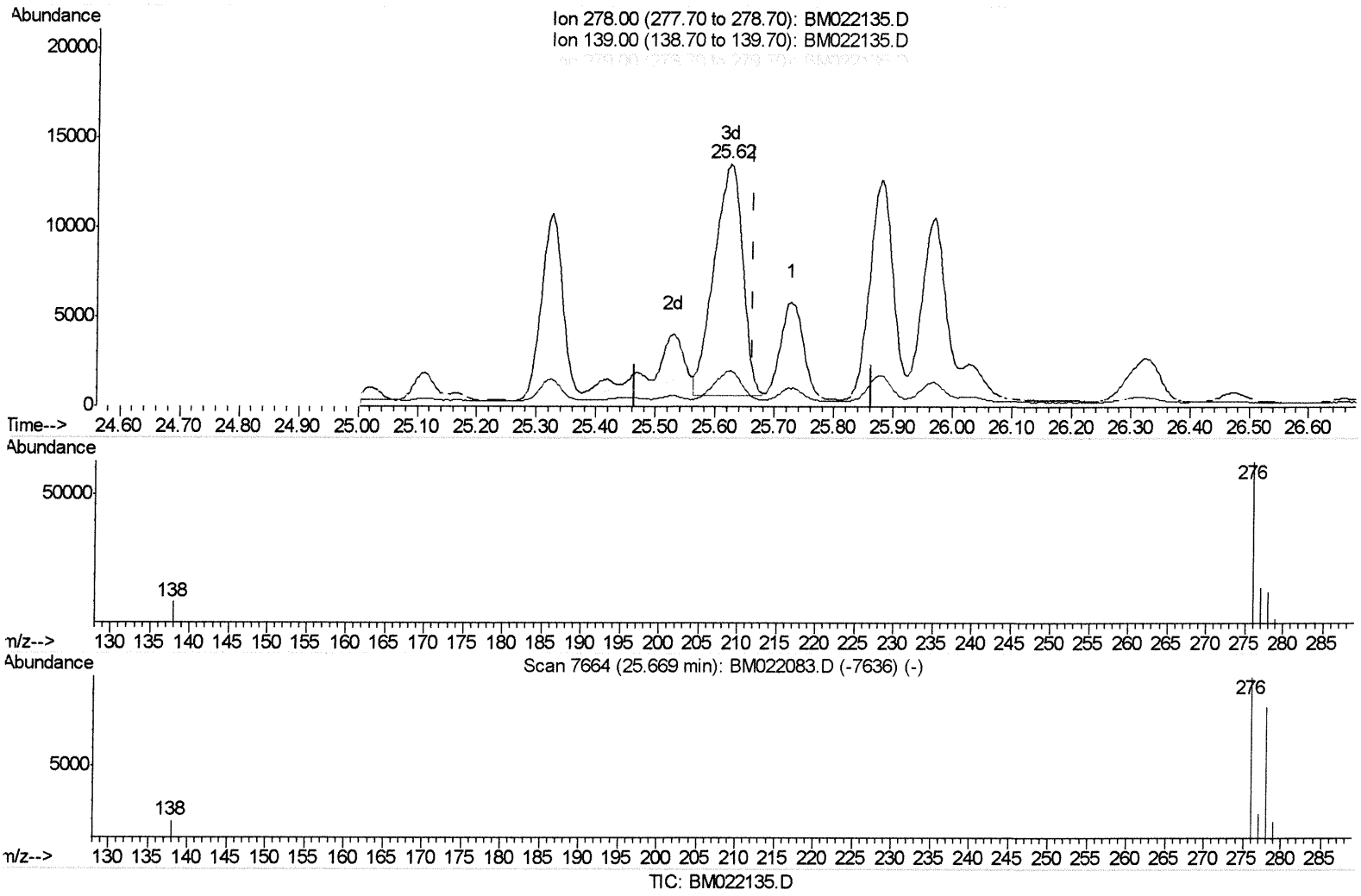
Ion	Exp%	Act%
278.00	100	100
139.00	17.70	17.31
279.00	35.40	32.23
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022135.D
Acq On : 15 Aug 2019 08:52
Operator : HP/JU
Sample : K4304-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 15 13:33:17 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 :
CB5P4

Manual Integrations APPROVED
mohammad
8/15/2019 5:10:28 PM



TIC: BM022135.D

(25) Dibenzo(a,h)anthracene

25.623min (-0.041) 2.74ng/ul m JU 8/15/19

response 43362

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	14.66
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 : BM022135.D
Acq On : 15 Aug 2019 08:52
Operator : HP/JU
Sample : K4304-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB5P4

Manual Integrations APPROVED
mohammad
8/15/2019 5:10:28 PM

Quant Time: Aug 15 13:34:45 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	894	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.37	136	3697	0.40	ng/ul	-0.04
6) Acenaphthene-d10	14.25	164	2069	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.00	188	4531m	0.40	ng/ul	-0.03 JU 08/15/19
16) Chrysene-d12	21.21	240	4573m	0.40	ng/ul	-0.02
20) Perylene-d12	23.42	264	4782m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	2245	0.37	ng/ul	-0.04
14) Fluoranthene-d10	19.05	212	5762m	0.38	ng/ul	-0.02 JU 08/15/19
Target Compounds						Qvalue
3) Naphthalene	10.42	128	45743	4.380	ng/ul#	91
5) 2-Methylnaphthalene	12.05	142	14148	2.033	ng/ul	96
7) Acenaphthylene	13.97	152	6484	0.672	ng/ul#	83
8) Acenaphthene	14.31	153	29985	3.798	ng/ul	97
9) Fluorene	15.31	166	34472	3.931	ng/ul	98
12) Phenanthrene	17.05	178	413952m	31.399	ng/ul	JU 08/15/19
13) Anthracene	17.14	178	100348m	8.923	ng/ul	JU 08/15/19
15) Fluoranthene	19.08	202	596402m	33.771	ng/ul	JU 08/15/19
17) Pyrene	19.44	202	501223	26.672	ng/ul	96
18) Benzo(a)anthracene	21.20	228	285084m	17.429	ng/ul	JU 08/15/19
19) Chrysene	21.25	228	253357	12.044	ng/ul	99
21) Benzo(b)fluoranthene	22.76	252	350799m	21.754	ng/ul	JU 08/15/19
22) Benzo(k)fluoranthene	22.80	252	136196m	7.463	ng/ul	JU 08/15/19
23) Benzo(a)pyrene	23.32	252	249718	15.228	ng/ul#	73
24) Indeno(1,2,3-cd)pyrene	25.62	276	165303	8.442	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.62	278	43362m	2.740	ng/ul	JU 08/15/19
26) Benzo(g,h,i)perylene	26.30	276	144930	8.221	ng/ul	95

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