

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Quantitation Report (QT Reviewed)

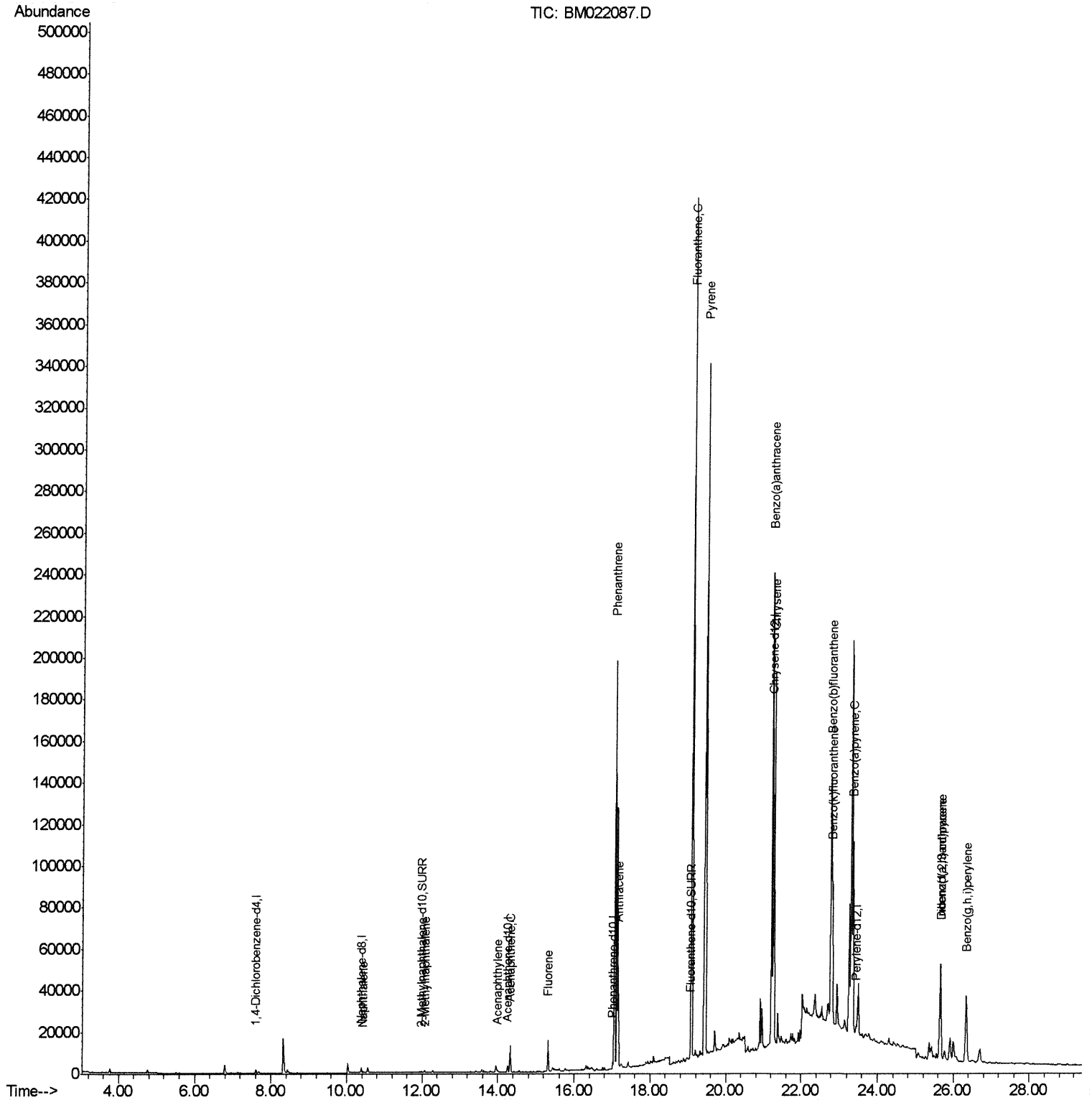
Data File : BM022087.D
Acq On : 14 Aug 2019 02:09
Operator : HP/JU
Sample : K4183-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AG1

Manual Integrations
APPROVED

mohammad
8/15/2019 5:08:04 PM

Quant Time: Aug 14 08:35:34 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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Quantitation Report (Qedit)

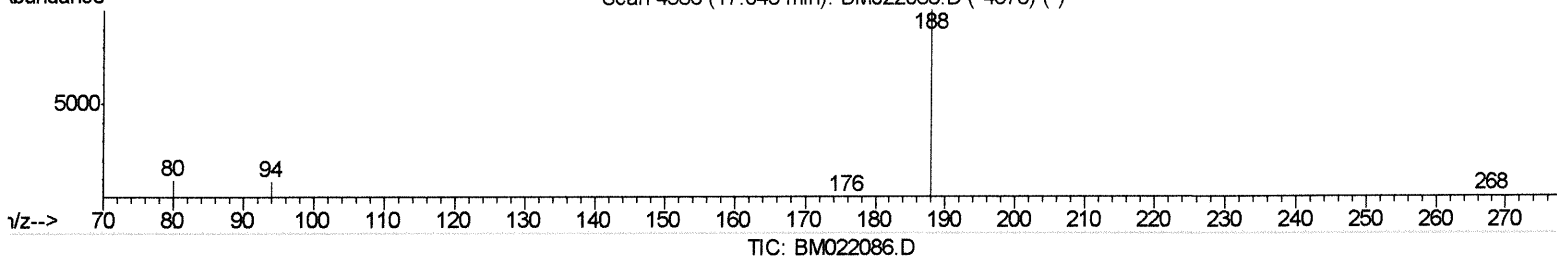
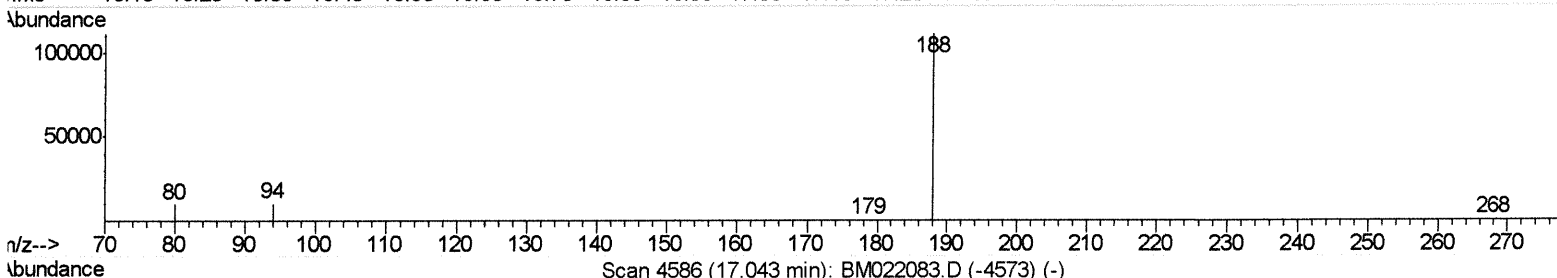
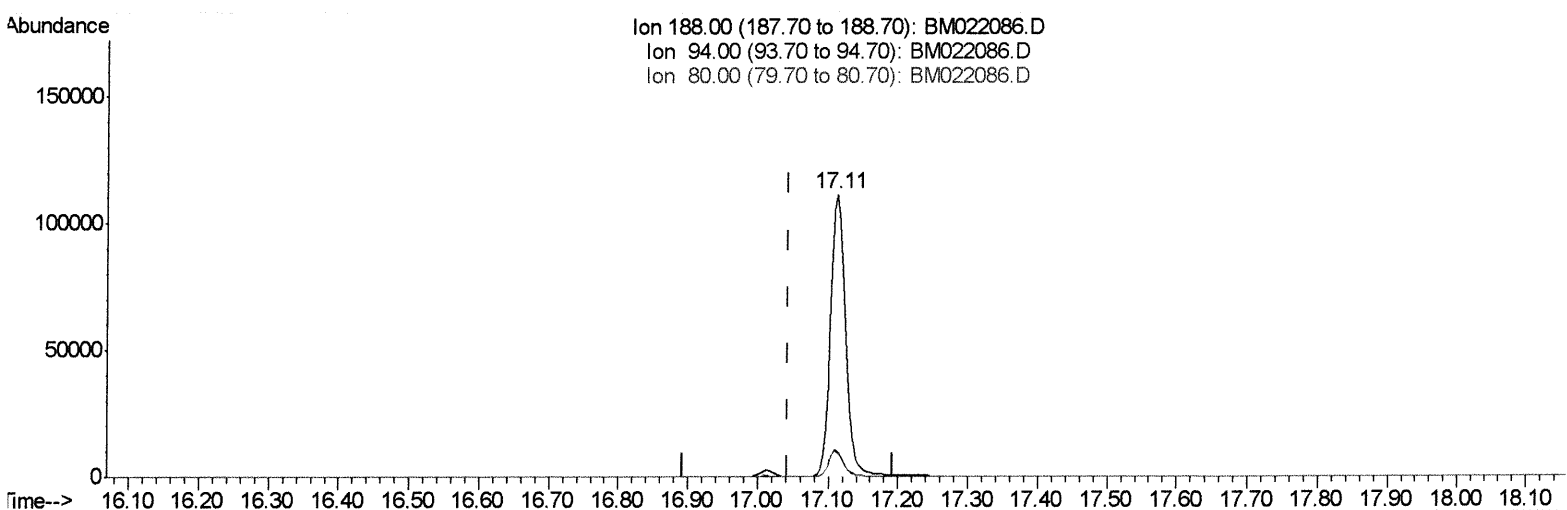
Data File : BM022086.D
Acq On : 14 Aug 2019 01:32
Operator : HP/JU
Sample : K4183-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AG1

Manual Integrations
APPROVED

mohammad
8/15/2019 5:08:04 PM

Quant Time: Aug 14 08:19:42 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



(10) Phenanthrene-d10 (I)

17.112min (+0.069) 0.40ng/ul

response 162987

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	9.26
80.00	11.40	8.76#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Quantitation Report (Qedit)

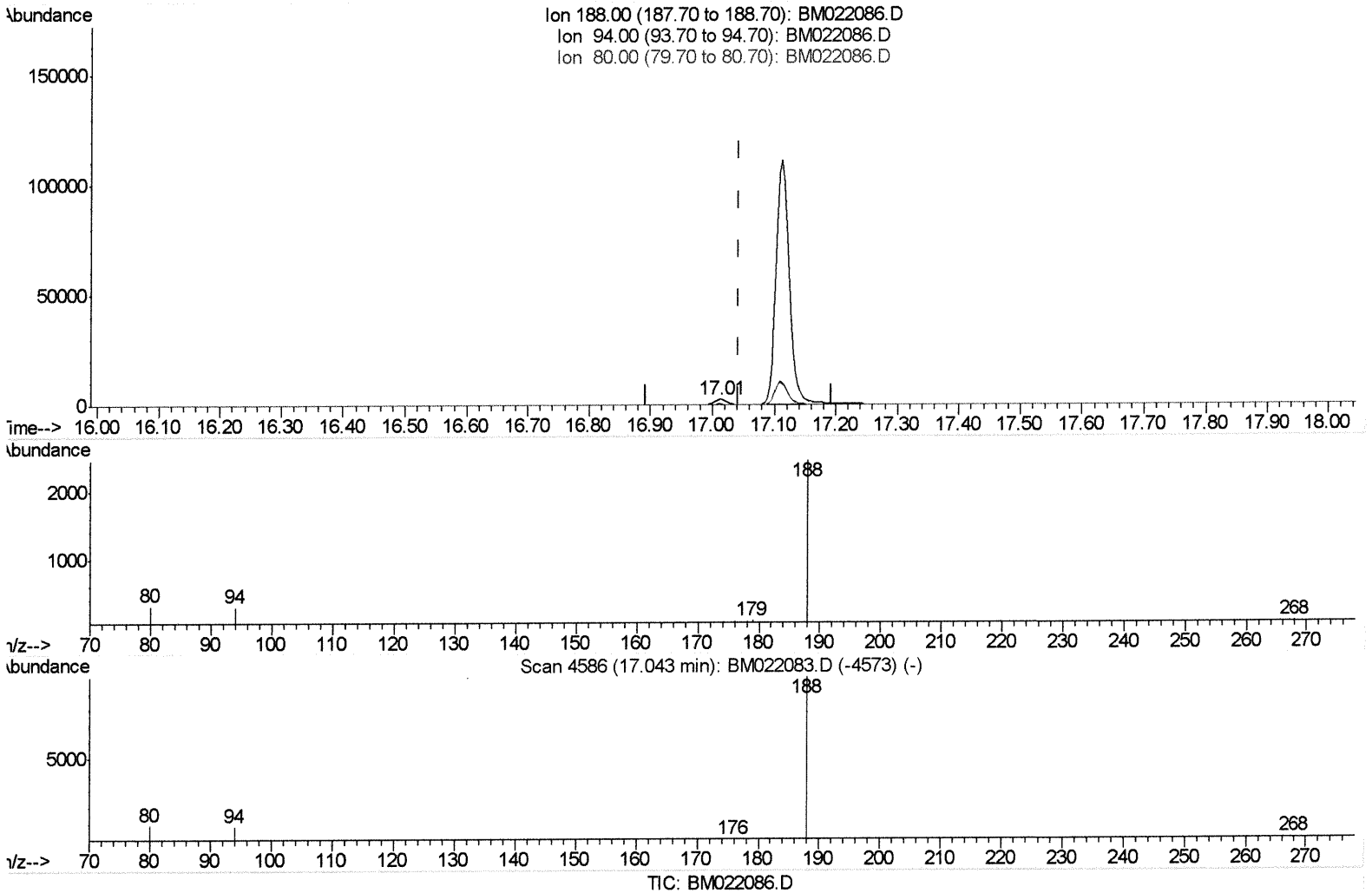
Data File : BM022086.D
Acq On : 14 Aug 2019 01:32
Operator : HP/JU
Sample : K4183-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AG1

Manual Integrations
APPROVED

mohammad
8/15/2019 5:08:04 PM

Quant Time: Aug 14 08:19:42 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



(10) Phenanthrene-d10 (I)

17.011min (-0.031) 0.40ng/ul m *JU* 08/14/19

response 3602

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	11.68
80.00	11.40	12.21
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Quantitation Report (Qedit)

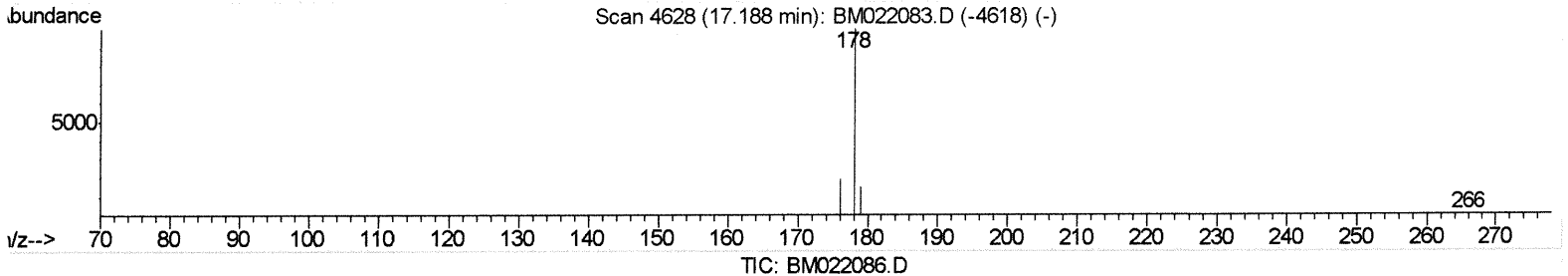
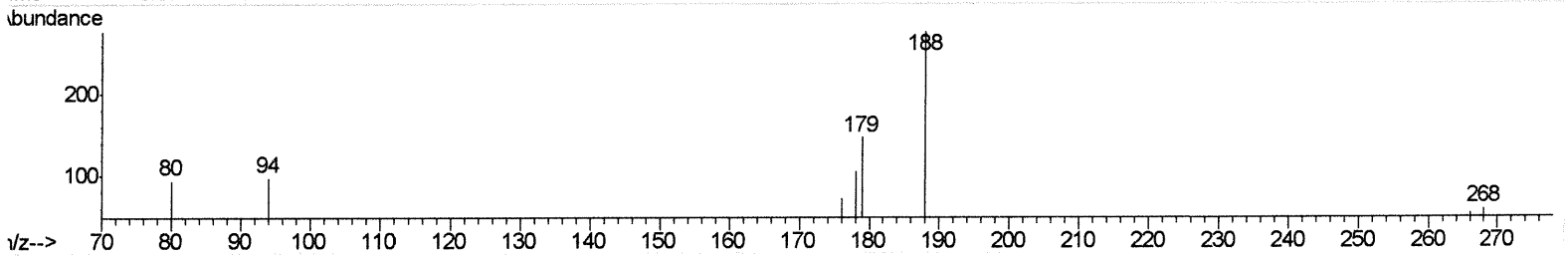
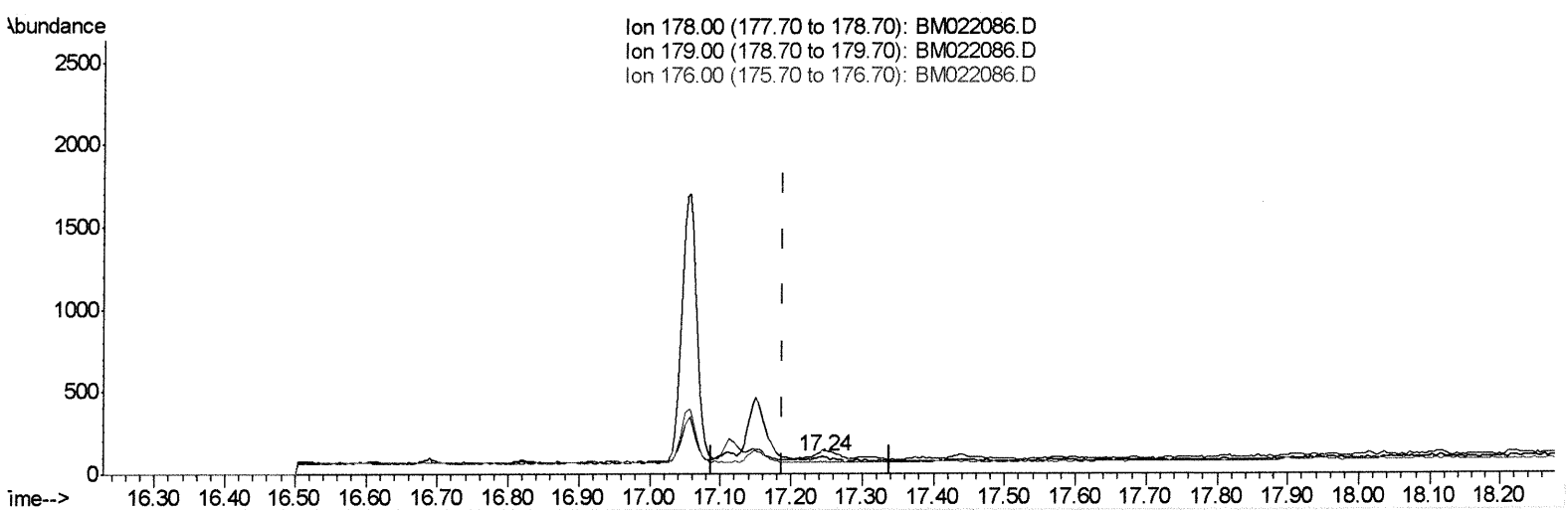
Data File : BM022086.D
Acq On : 14 Aug 2019 01:32
Operator : HP/JU
Sample : K4183-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AG1

Manual Integrations
APPROVED

mohammad
8/15/2019 5:08:04 PM

Quant Time: Aug 14 08:28:09 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



(13) Anthracene

17.244min (+0.055) 0.00ng/ul

response 41

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	140.00#
176.00	20.80	68.57#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Quantitation Report (Qedit)

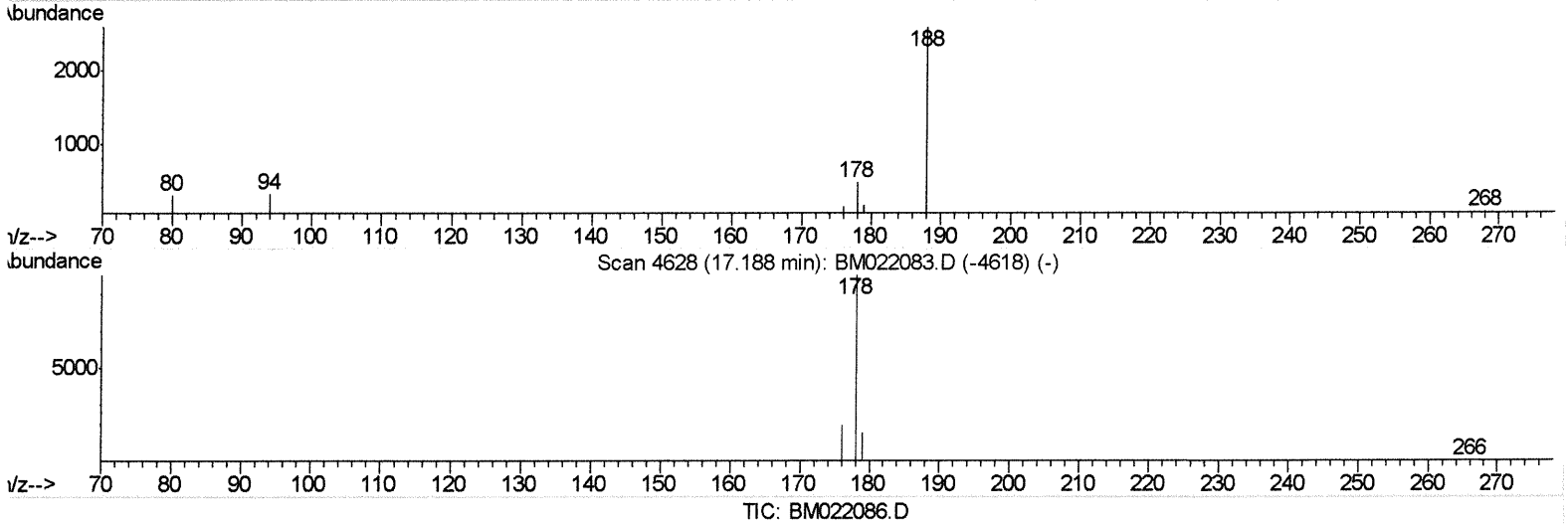
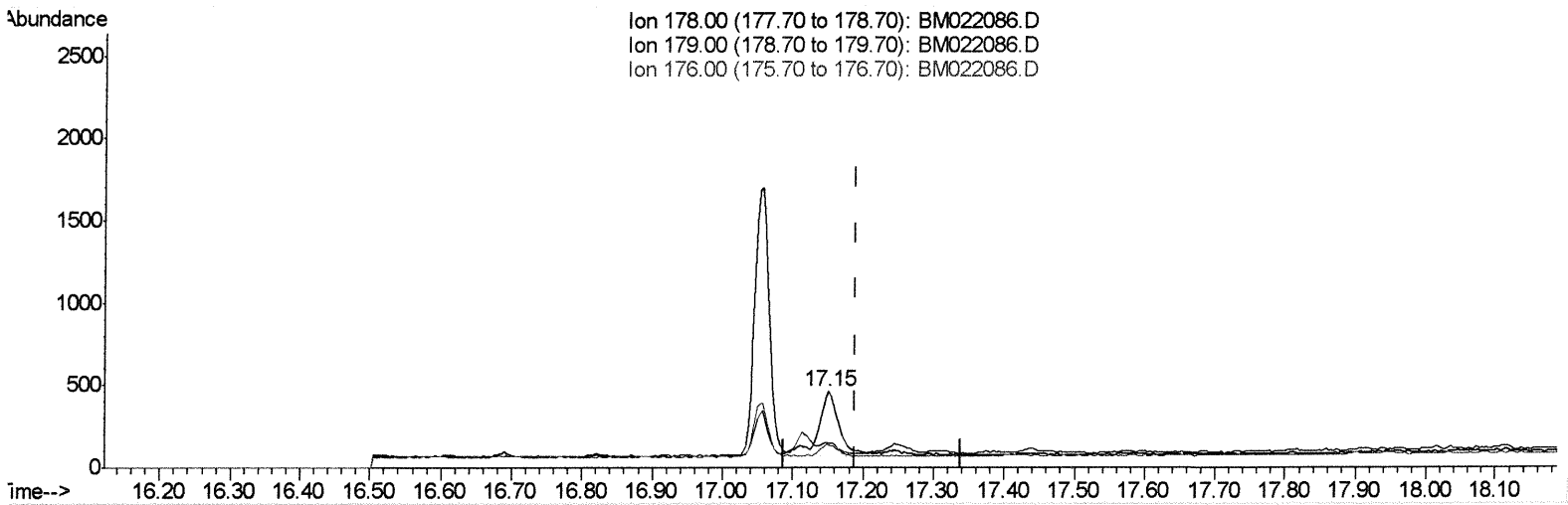
Data File : BM022086.D
Acq On : 14 Aug 2019 01:32
Operator : HP/JU
Sample : K4183-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AG1

Manual Integrations
APPROVED

mohammad
8/15/2019 5:08:04 PM

Quant Time: Aug 14 08:28:09 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



(13) Anthracene

17.150min (-0.038) 0.08ng/ul m *JU 08/14/19*

response 688

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	31.39#
176.00	20.80	30.74#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Quantitation Report (Qedit)

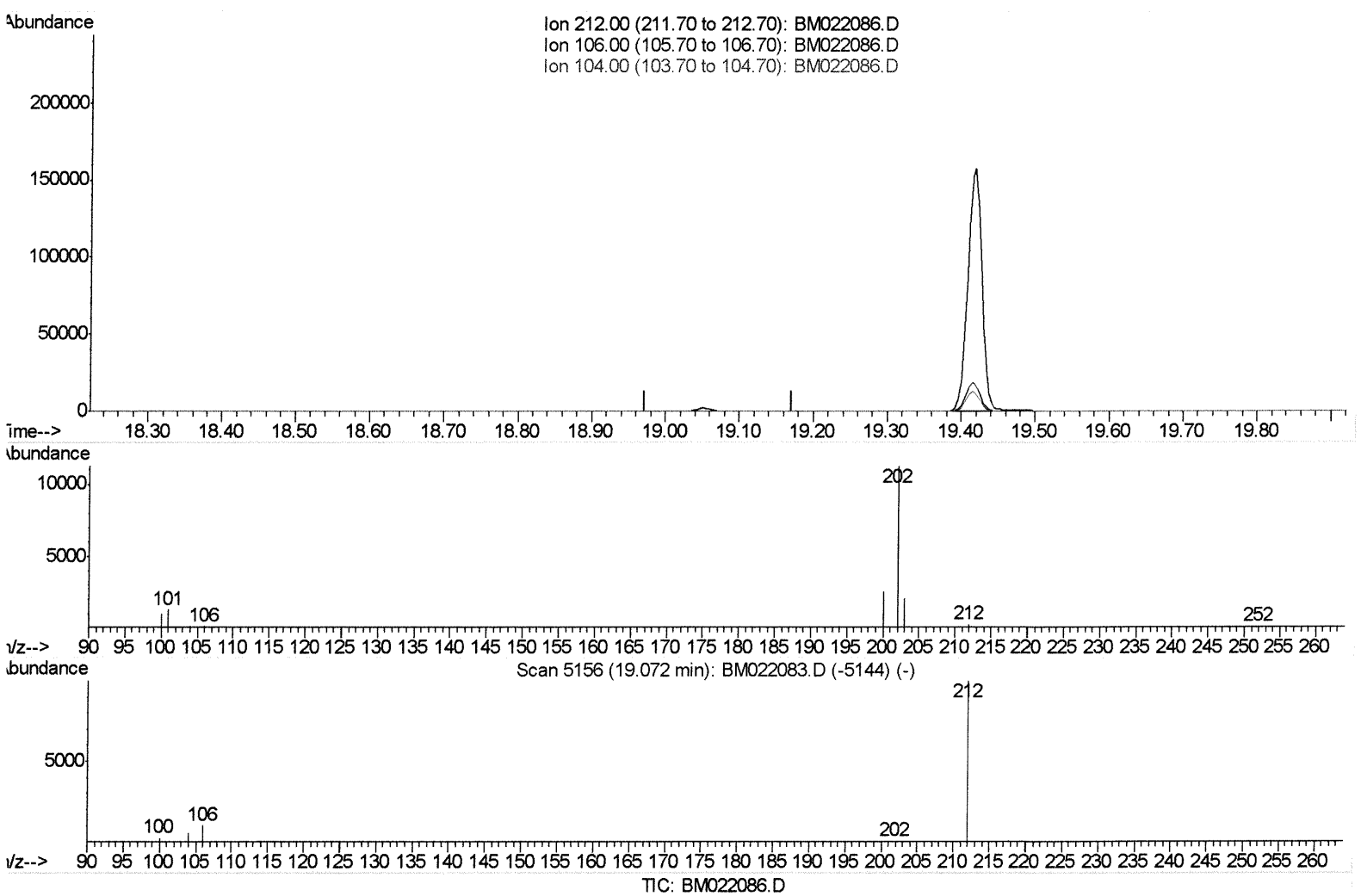
Data File : BM022086.D
Acq On : 14 Aug 2019 01:32
Operator : HP/JU
Sample : K4183-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AG1

Manual Integrations
APPROVED

mohammad
8/15/2019 5:08:04 PM

Quant Time: Aug 14 08:28:09 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



(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)

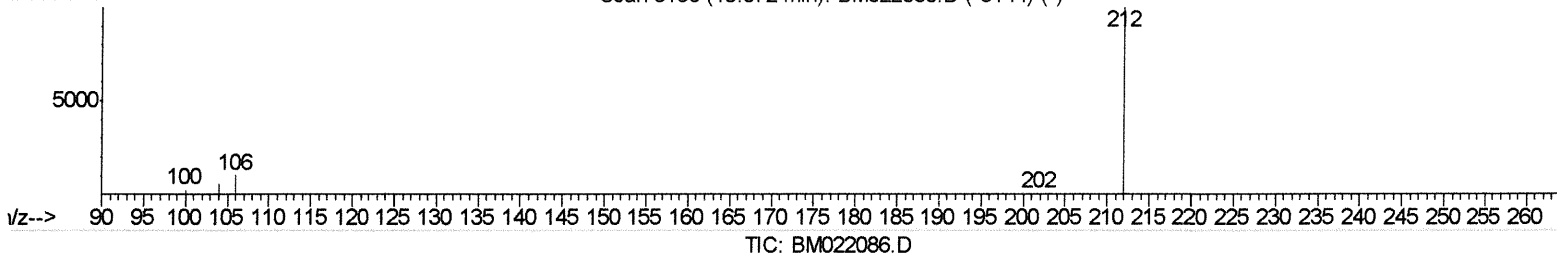
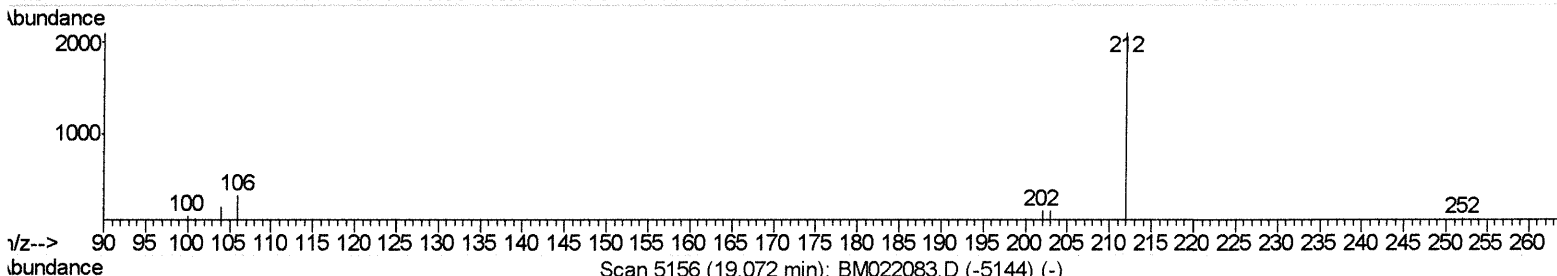
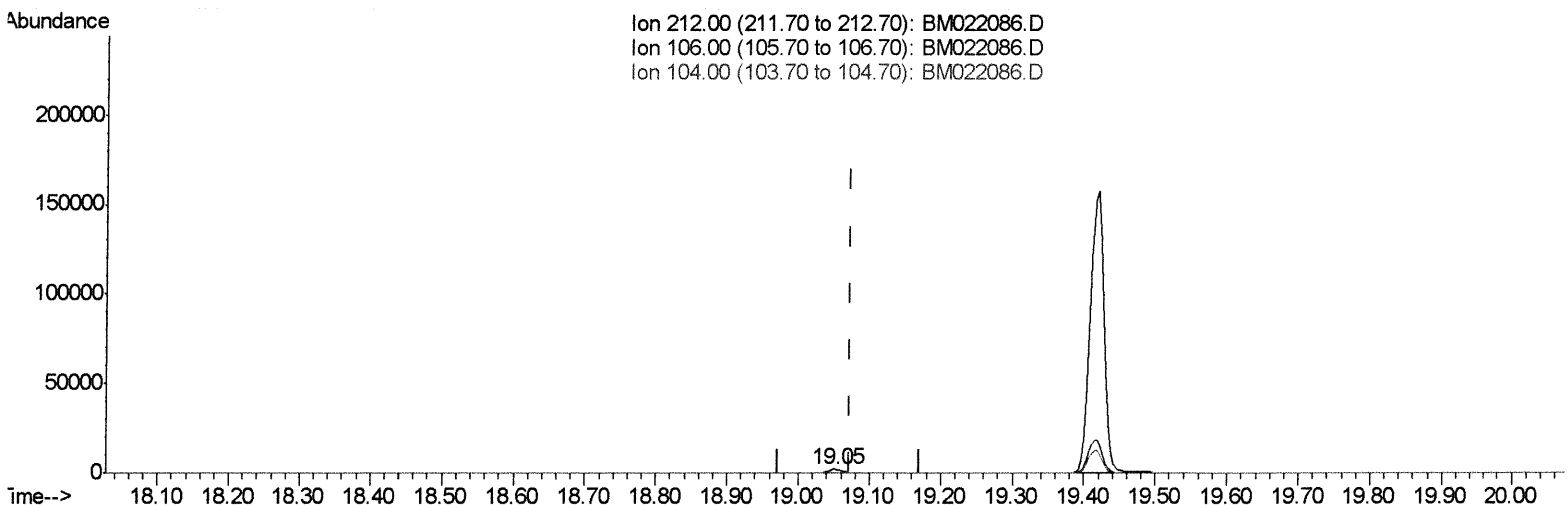
Data File : BM022086.D
Acq On : 14 Aug 2019 01:32
Operator : HP/JU
Sample : K4183-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AG1

Manual Integrations
APPROVED

mohammad
8/15/2019 5:08:04 PM

Quant Time: Aug 14 08:28:09 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



(14) Fluoranthene-d10 (SURR)

19.052min (-0.020) 0.23ng/ul m *JU 08/14/19*

response 2811

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)

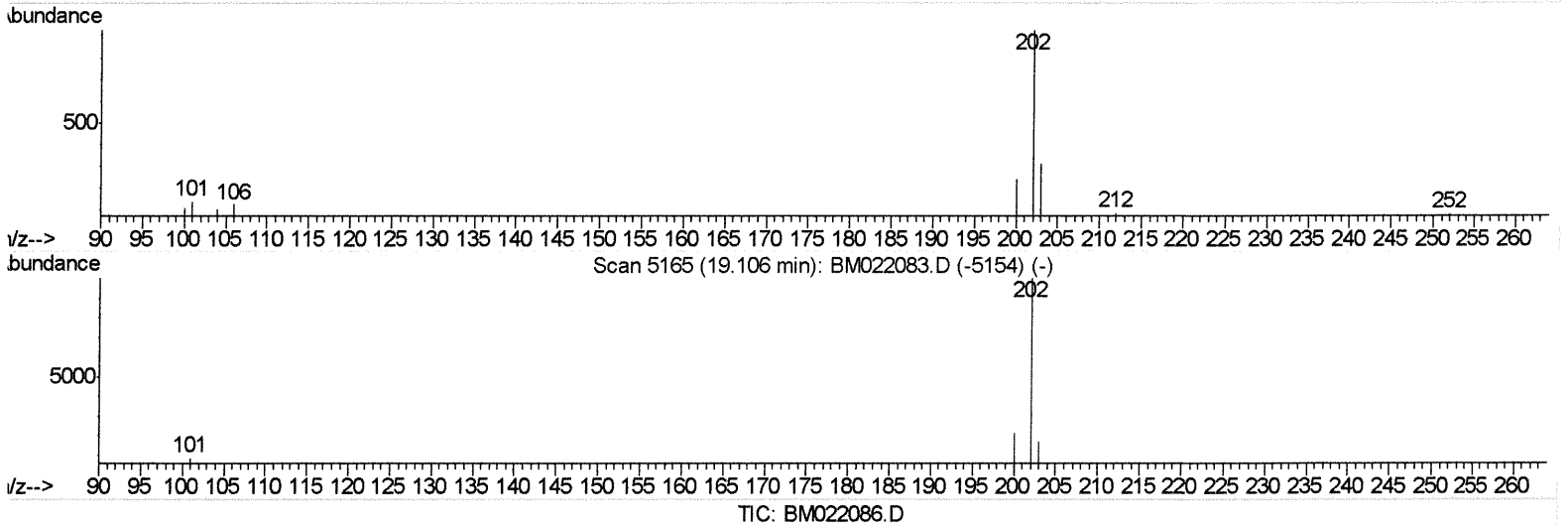
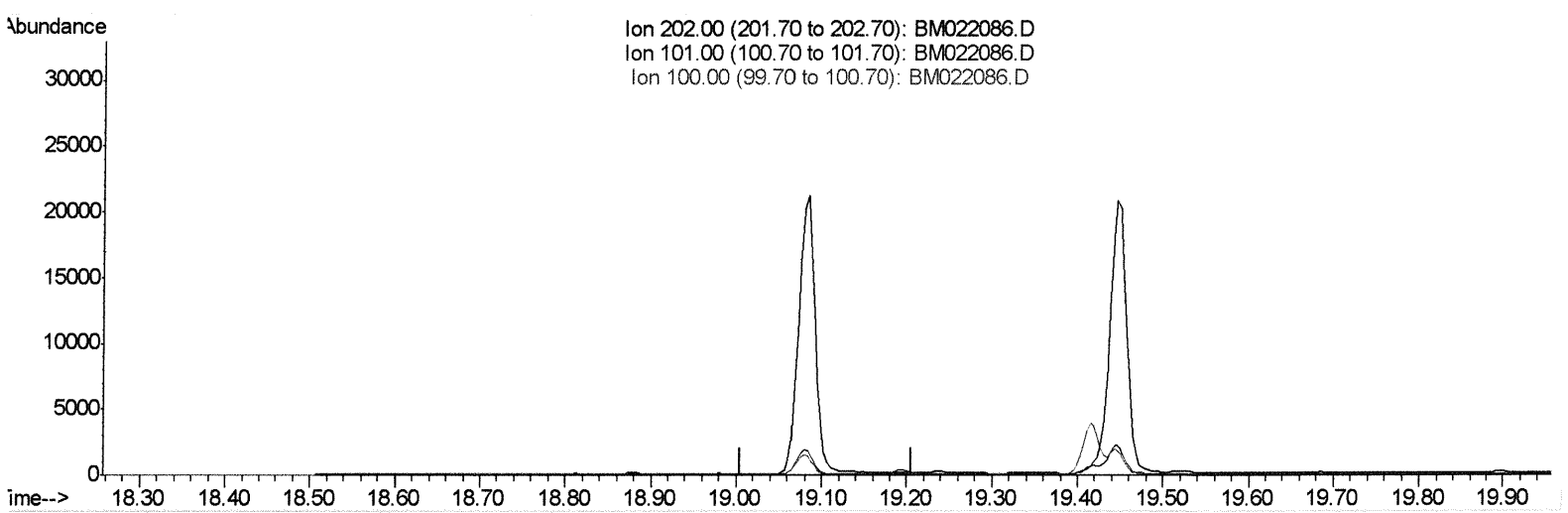
Data File : BM022086.D
Acq On : 14 Aug 2019 01:32
Operator : HP/JU
Sample : K4183-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AG1

Manual Integrations
APPROVED

mohammad
8/15/2019 5:08:04 PM

Quant Time: Aug 14 08:28:09 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



(15) Fluoranthene (C)

19.106min (-19.106) 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\
Quantitation Report (Qedit)

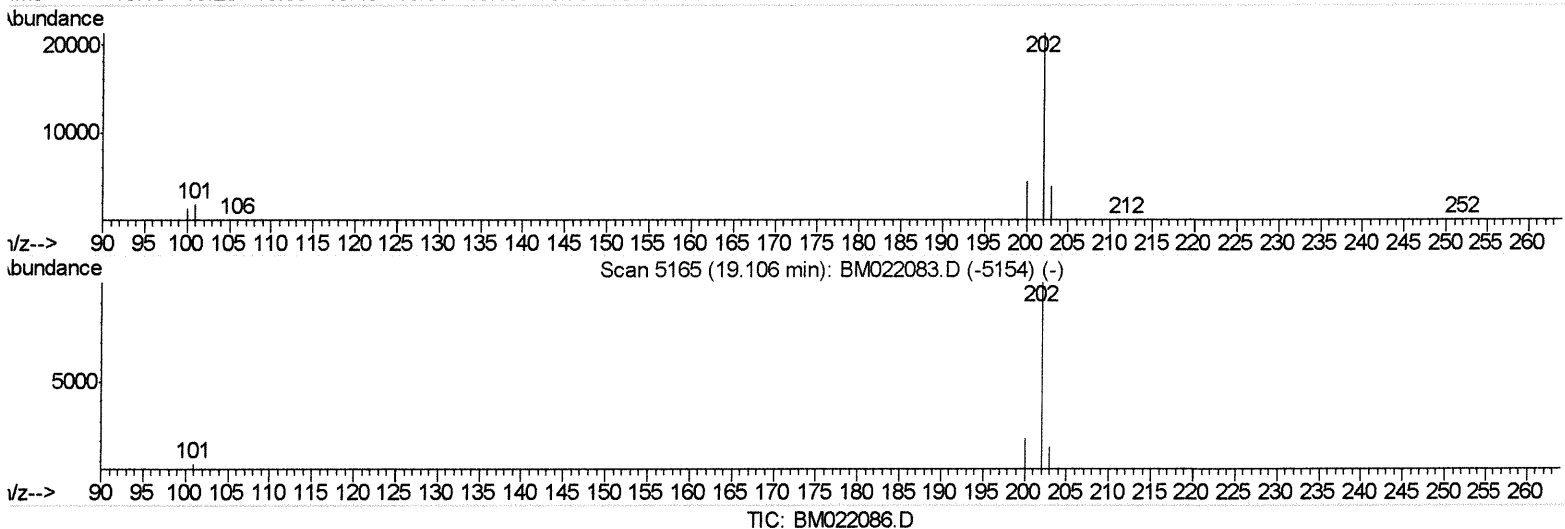
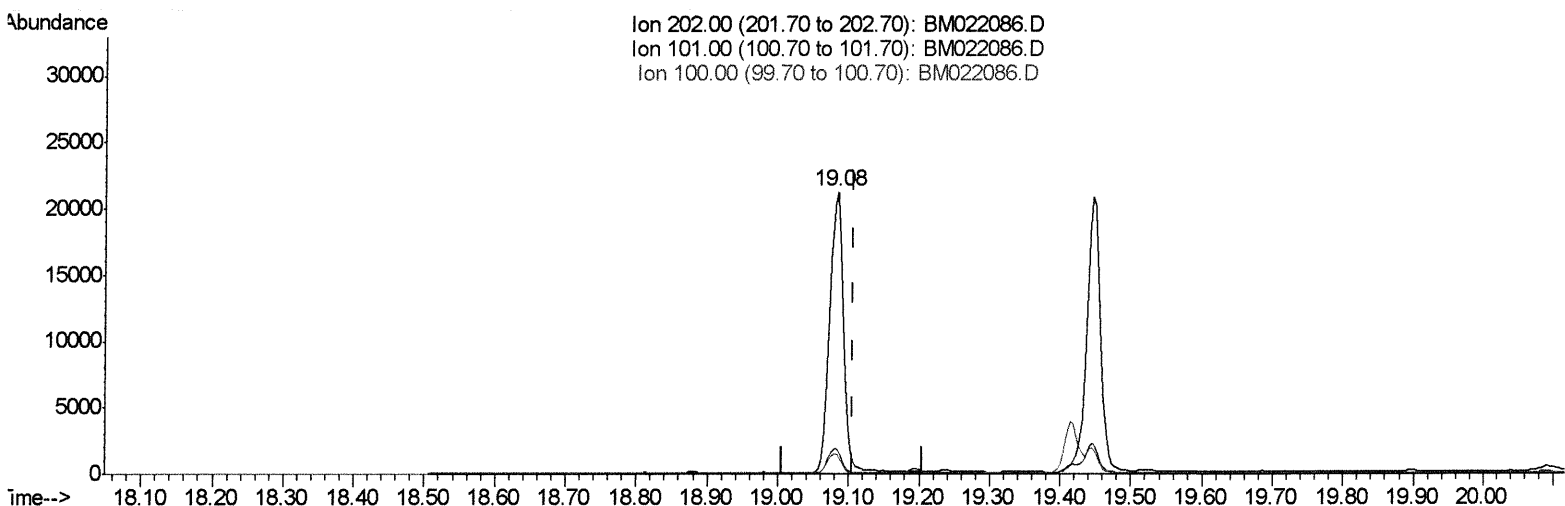
Data File : BM022086.D
Acq On : 14 Aug 2019 01:32
Operator : HP/JU
Sample : K4183-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AG1

Manual Integrations
APPROVED

mohammad
8/15/2019 5:08:04 PM

Quant Time: Aug 14 08:28:09 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



TIC: BM022086.D

(15) Fluoranthene (C)

19.083min (-0.023) 2.01ng/ul m *JU* 08/14/19

response 28150

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	8.60
100.00	8.10	6.78
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Quantitation Report (Qedit)

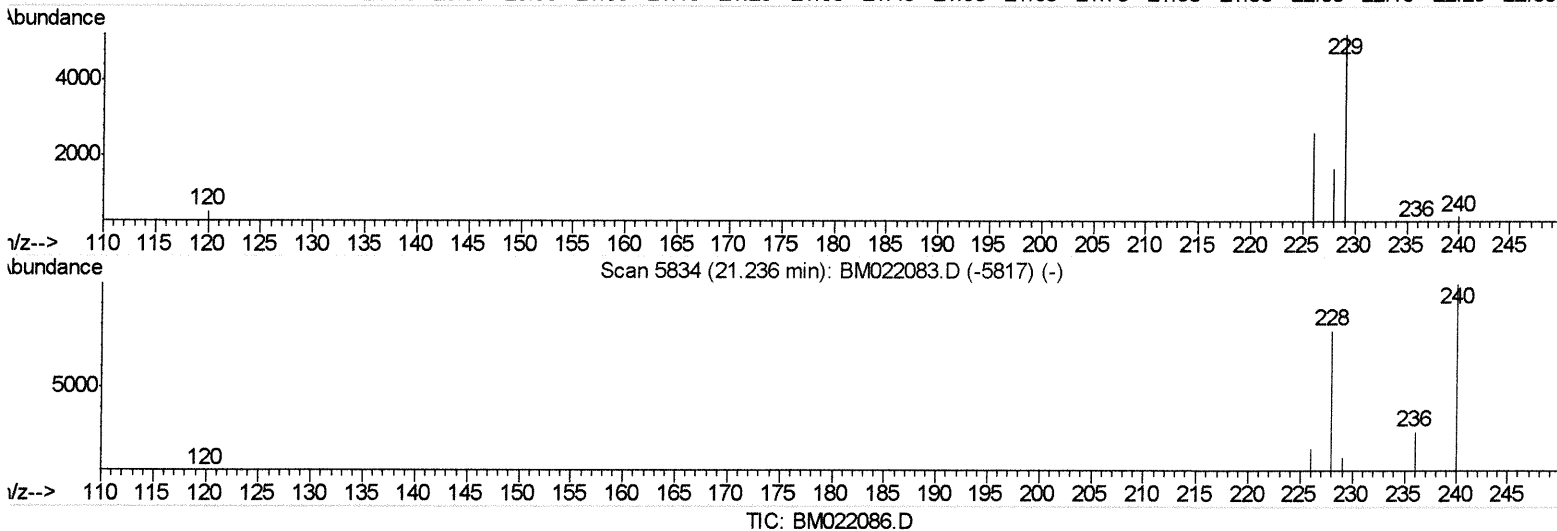
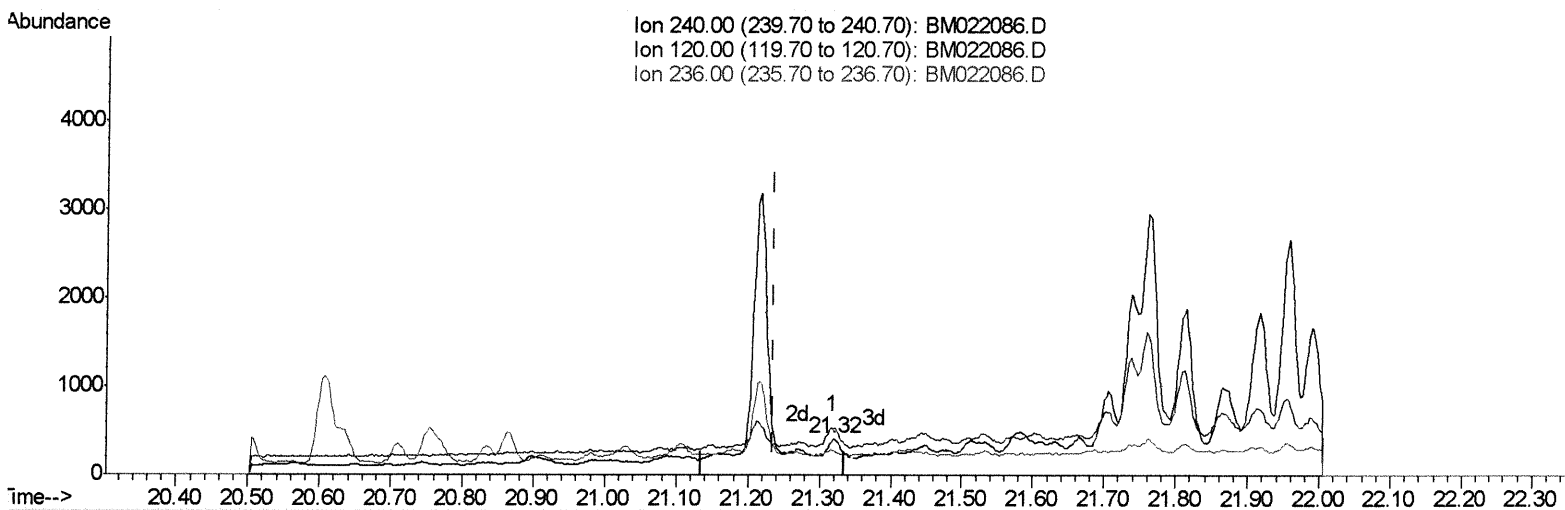
Data File : BM022086.D
Acq On : 14 Aug 2019 01:32
Operator : HP/JU
Sample : K4183-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AG1

Manual Integrations
APPROVED

mohammad
8/15/2019 5:08:04 PM

Quant Time: Aug 14 08:28:09 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



(16) Chrysene-d12 (I)

21.318min (+0.082) 0.40ng/ul

response 281

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	129.56#
236.00	32.30	69.46#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Quantitation Report (Qedit)

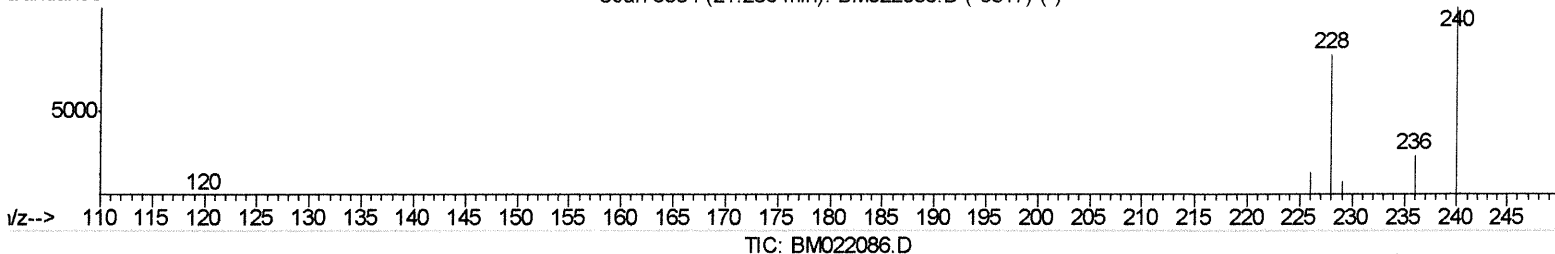
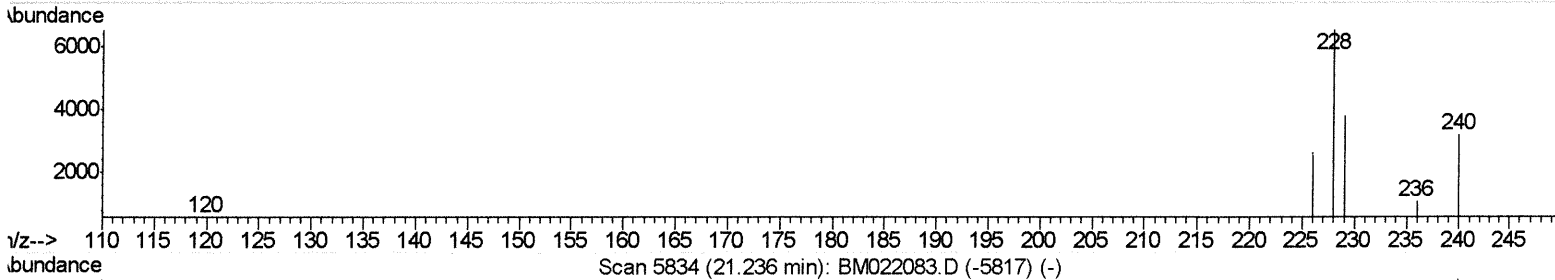
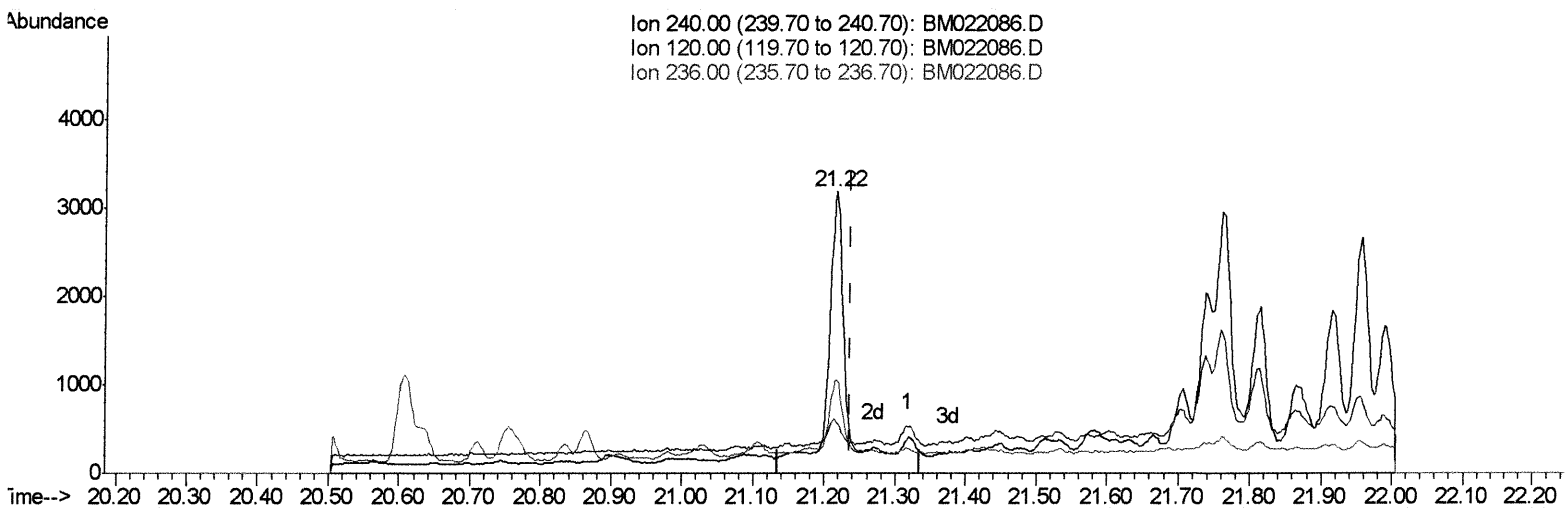
Data File : BM022086.D
Acq On : 14 Aug 2019 01:32
Operator : HP/JU
Sample : K4183-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
C0AG1

Manual Integrations
APPROVED

mohammad
8/15/2019 5:08:04 PM

Quant Time: Aug 14 08:28:09 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



(16) Chrysene-d12 (I)

21.216min (-0.020) 0.40ng/ul m *JU 08/14/19*

response 3653

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	18.31
236.00	32.30	33.08
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Quantitation Report (Qedit)

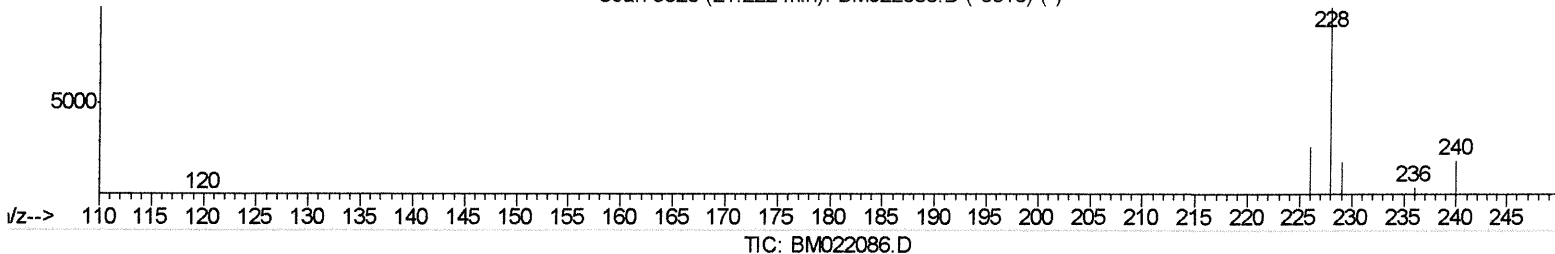
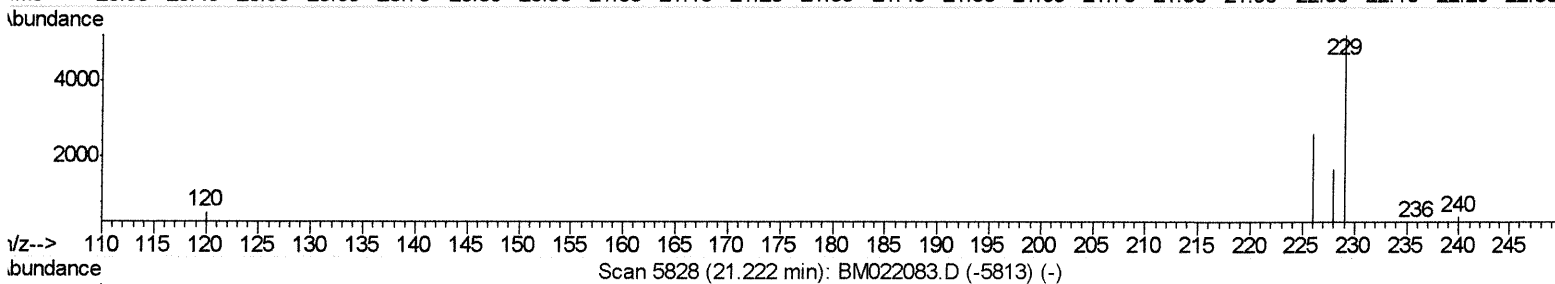
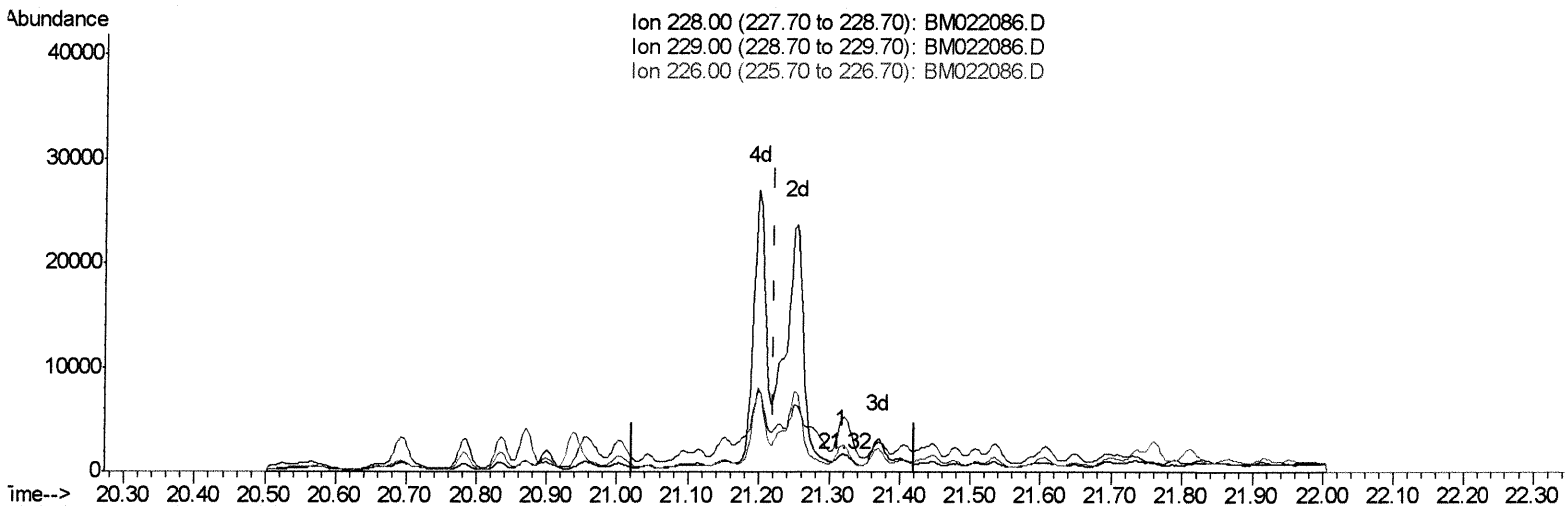
Data File : BM022086.D
Acq On : 14 Aug 2019 01:32
Operator : HP/JU
Sample : K4183-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AG1

Manual Integrations
APPROVED

mohammad
8/15/2019 5:08:04 PM

Quant Time: Aug 14 08:29:04 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



(18) Benzo(a)anthracene

21.318min (+0.096) 0.11ng/ul

response 1430

Ion	Exp%	Act%
228.00	100	100
229.00	21.50	312.69#
226.00	28.30	157.19#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Quantitation Report (Qedit)

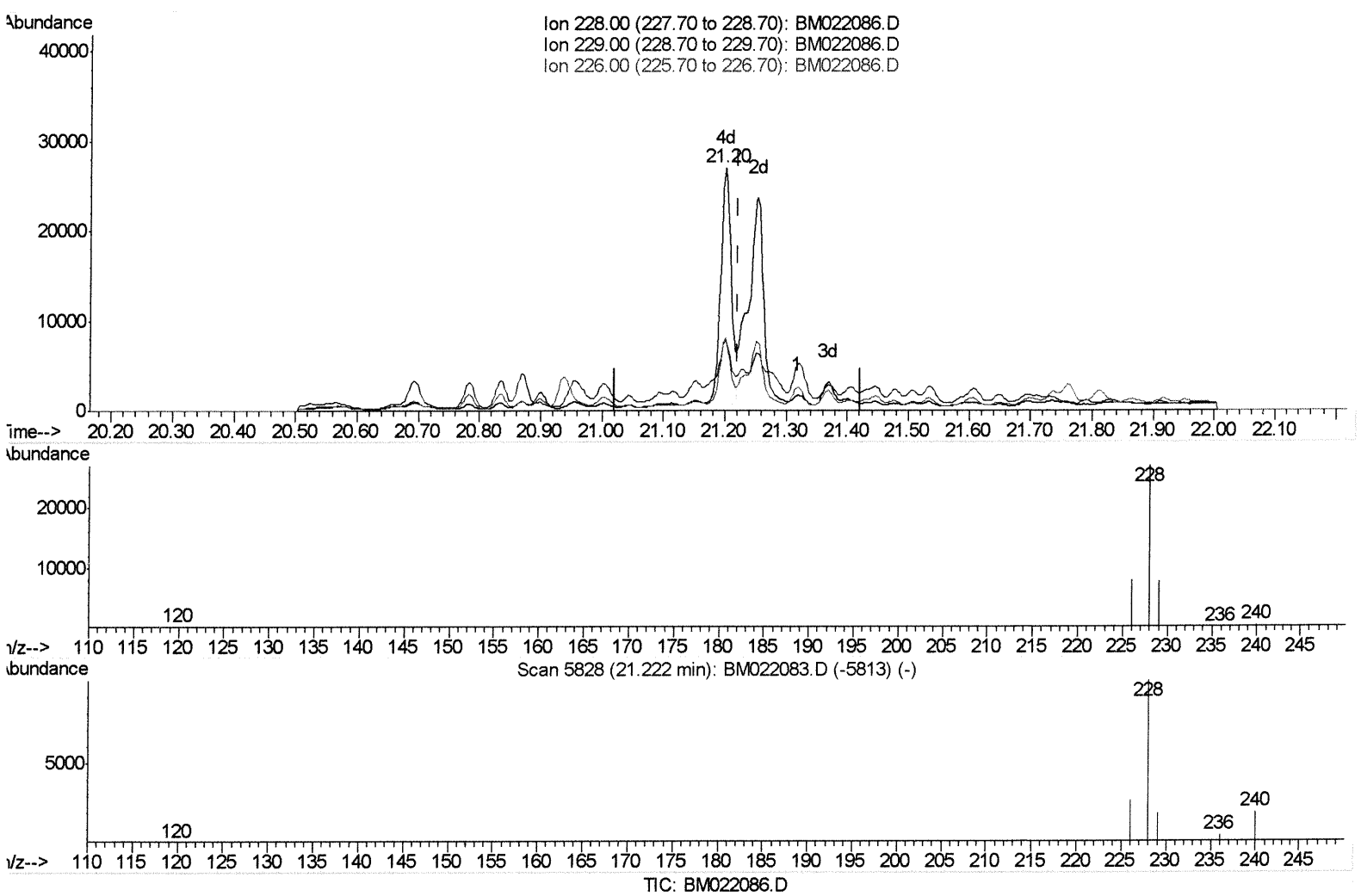
Data File : BM022086.D
Acq On : 14 Aug 2019 01:32
Operator : HP/JU
Sample : K4183-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AG1

Manual Integrations
APPROVED

mohammad
8/15/2019 5:08:04 PM

Quant Time: Aug 14 08:29:04 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



(18) Benzo(a)anthracene

21.199min (-0.022) 2.45ng/ul m 08/14/19

response 31978

Ion	Exp%	Act%
228.00	100	100
229.00	21.50	29.04#
226.00	28.30	29.86
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Quantitation Report (Qedit)

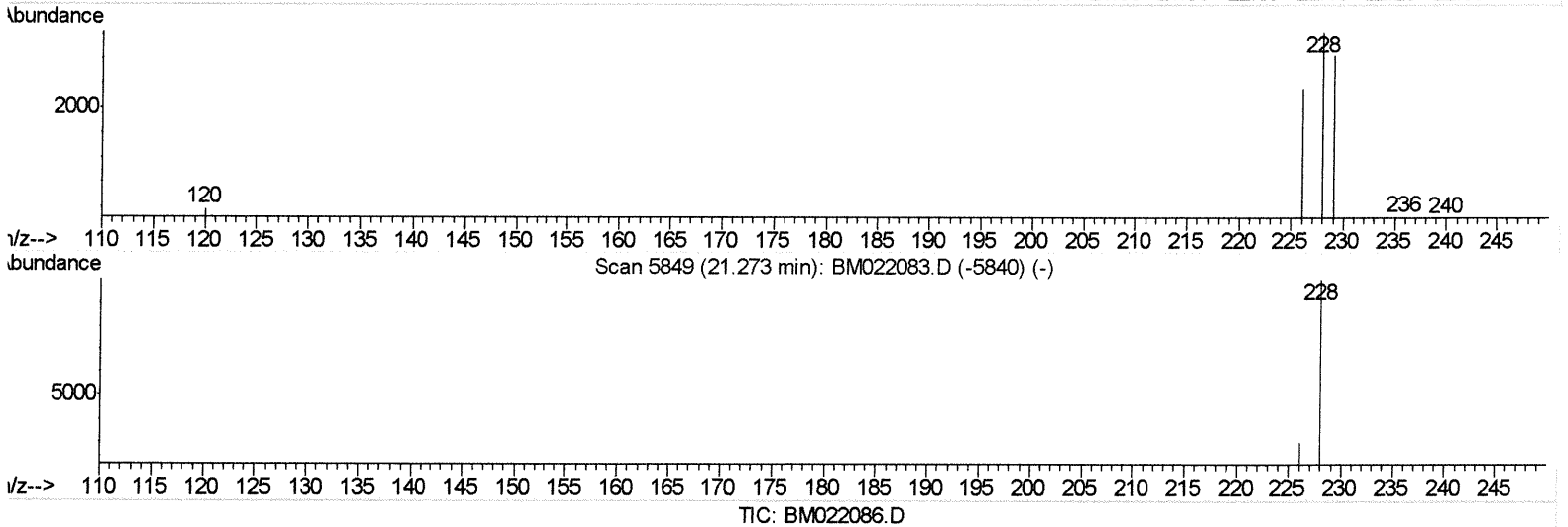
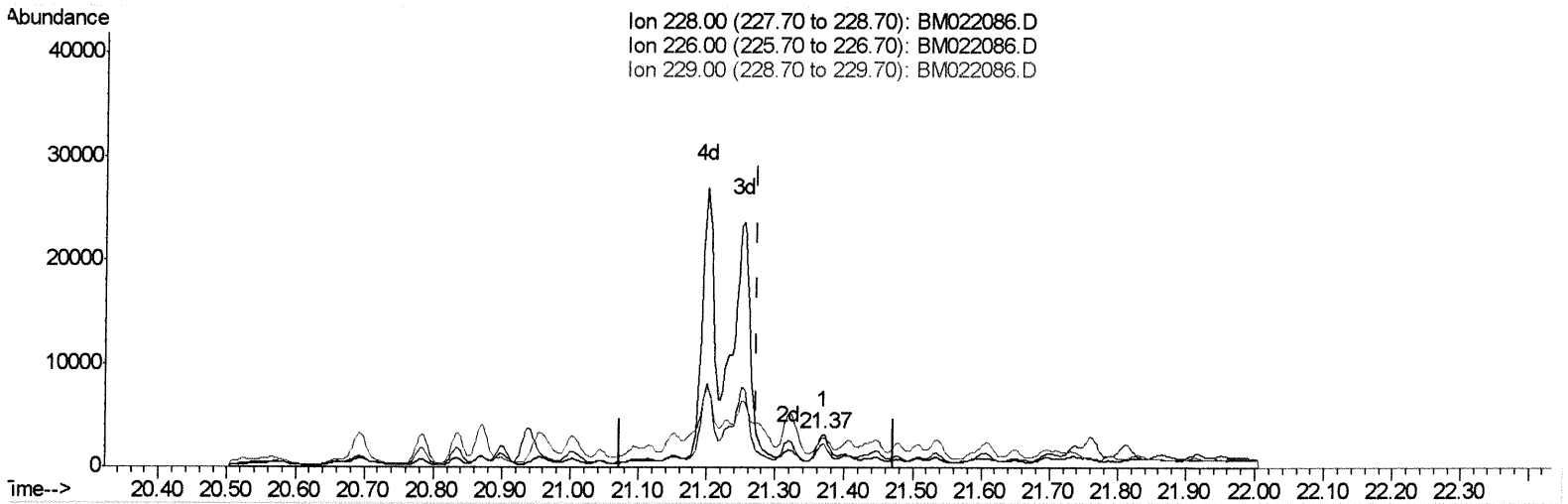
Data File : BM022086.D
Acq On : 14 Aug 2019 01:32
Operator : HP/JU
Sample : K4183-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AG1

Manual Integrations
APPROVED

mohammad
8/15/2019 5:08:04 PM

Quant Time: Aug 14 08:29:04 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



(19) Chrysene

21.369min (+0.096) 0.25ng/ul

response 4228

Ion	Exp%	Act%
228.00	100	100
226.00	31.10	71.39#
229.00	20.80	88.52#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Quantitation Report (Qedit)

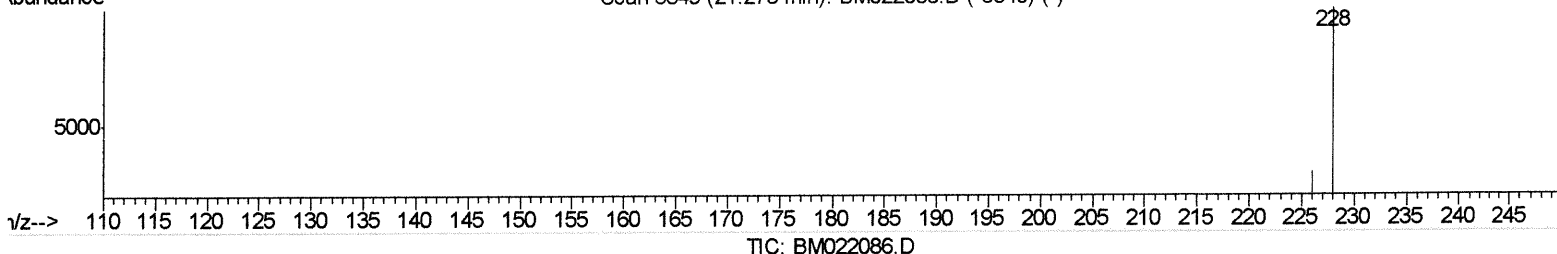
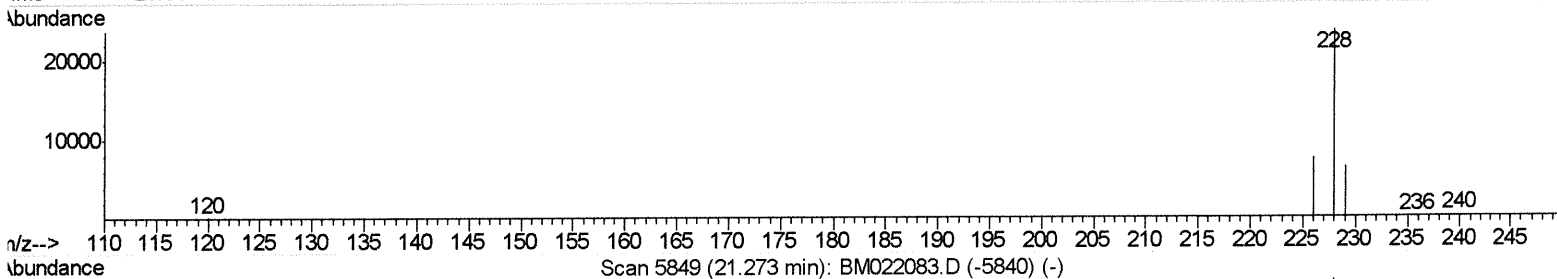
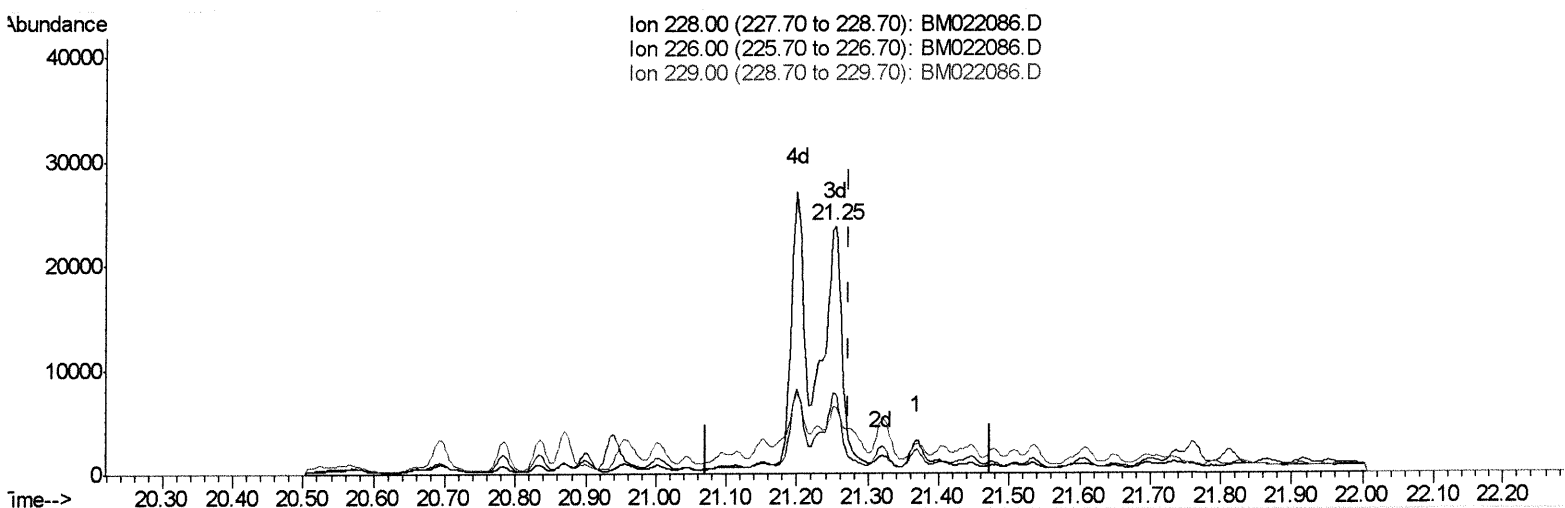
Data File : BM022086.D
Acq On : 14 Aug 2019 01:32
Operator : HP/JU
Sample : K4183-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AG1

Manual Integrations
APPROVED

mohammad
8/15/2019 5:08:04 PM

Quant Time: Aug 14 08:29:04 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



(19) Chrysene

21.253min (-0.020) 2.23ng/ul m *JU 08/14/19*

response 37535

Ion	Exp%	Act%
228.00	100	100
226.00	31.10	32.30
229.00	20.80	27.10#
0.00	0.00	0.00

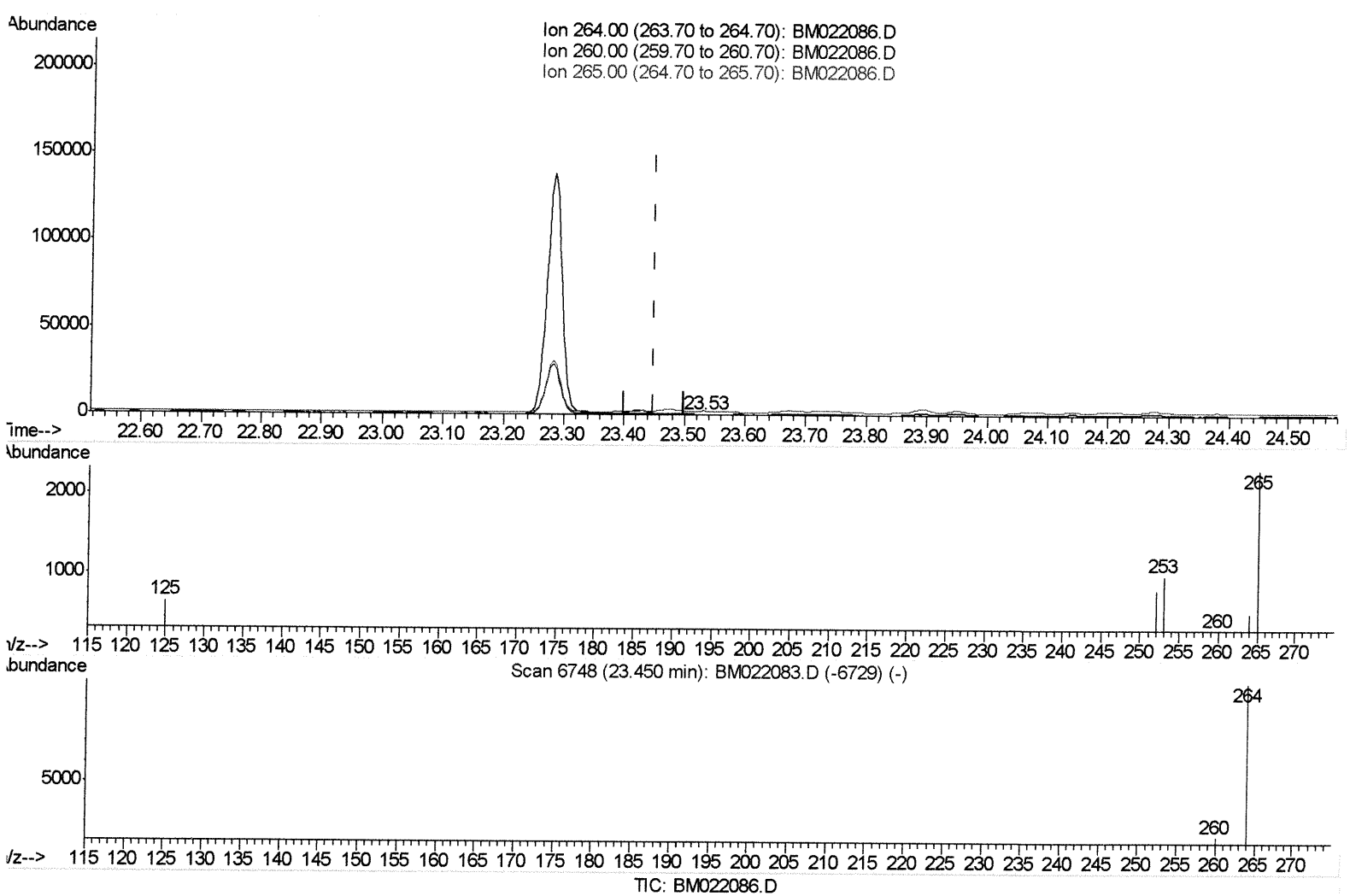
Data File : BM022086.D
Acq On : 14 Aug 2019 01:32
Operator : HP/JU
Sample : K4183-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AG1

Manual Integrations
APPROVED

mohammad
8/15/2019 5:08:04 PM

Quant Time: Aug 14 08:29:04 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



(20) Perylene-d12 (I)

23.532min (+0.082) 0.40ng/ul

response 282

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	60.97#
265.00	117.00	448.93#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Quantitation Report (Qedit)

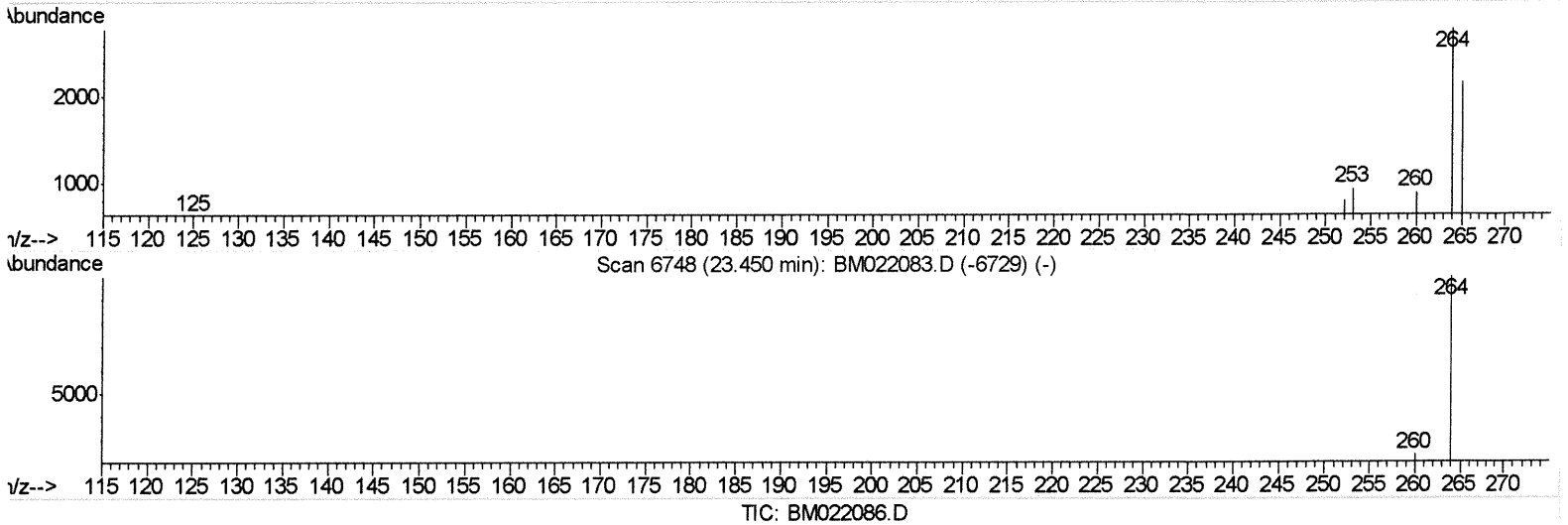
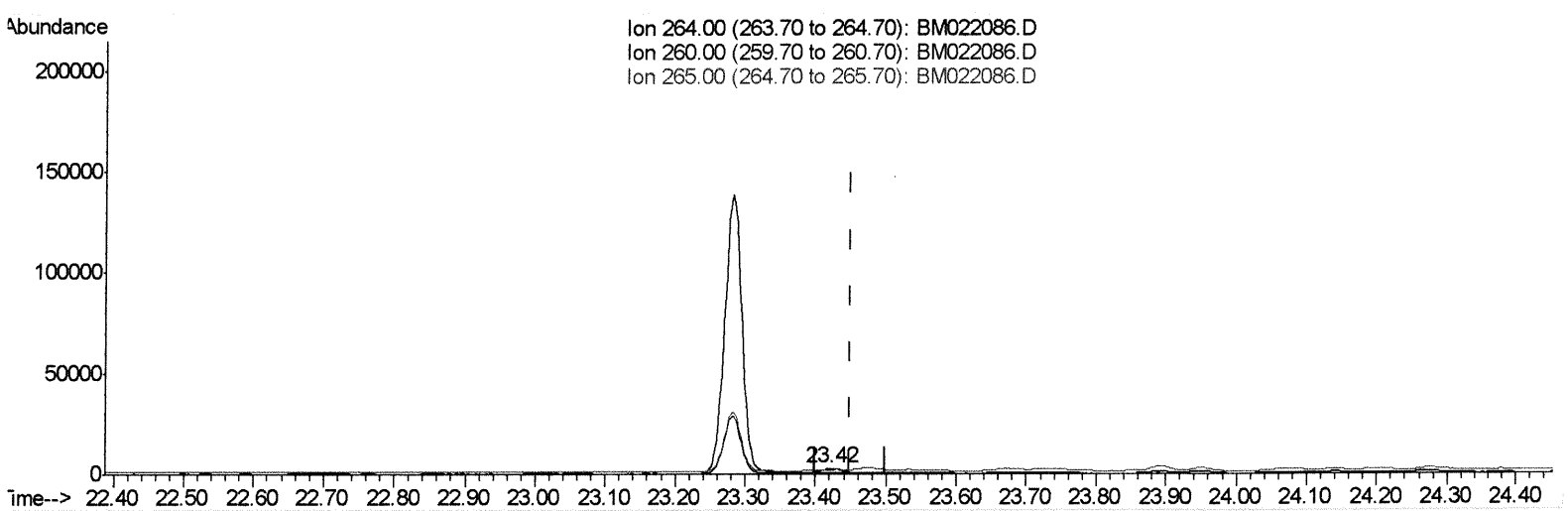
Data File : BM022086.D
Acq On : 14 Aug 2019 01:32
Operator : HP/JU
Sample : K4183-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
C0AG1

Manual Integrations
APPROVED

mohammad
8/15/2019 5:08:04 PM

Quant Time: Aug 14 08:29:04 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



(20) Perylene-d12 (I)

23.420min (-0.030) 0.40ng/ul m *JU 08/14/19*

response 4021

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	31.95
265.00	117.00	77.59#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Quantitation Report (Qedit)

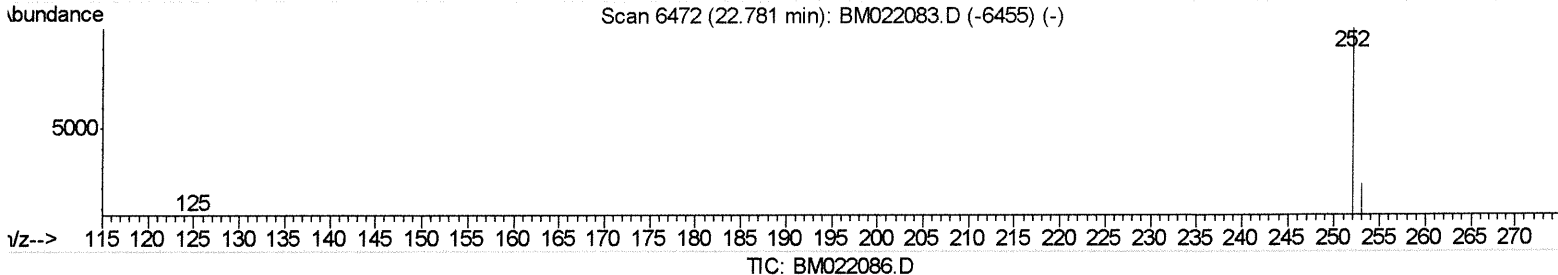
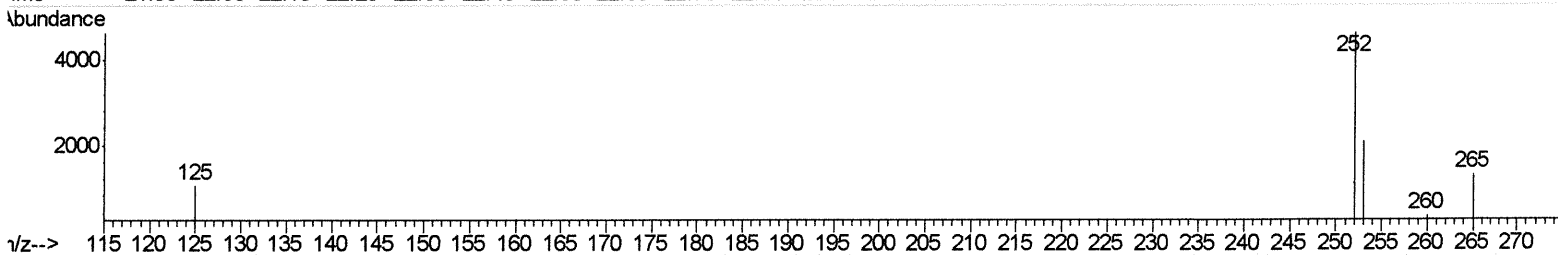
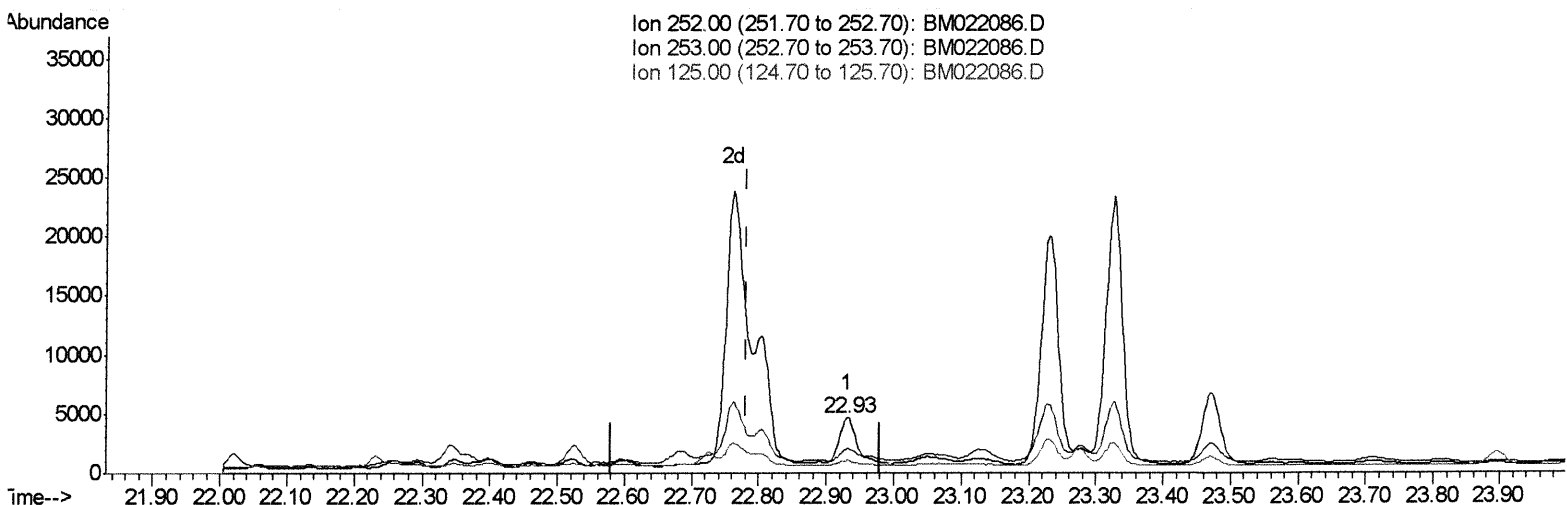
Data File : BM022086.D
Acq On : 14 Aug 2019 01:32
Operator : HP/JU
Sample : K4183-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
C0AG1

Manual Integrations
APPROVED

mohammad
8/15/2019 5:08:04 PM

Quant Time: Aug 14 08:30:19 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



(21) Benzo(b)fluoranthene

22.931min (+0.150) 0.50ng/ul

response 6807

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	44.80
125.00	15.50	22.76
0.00	0.00	0.00

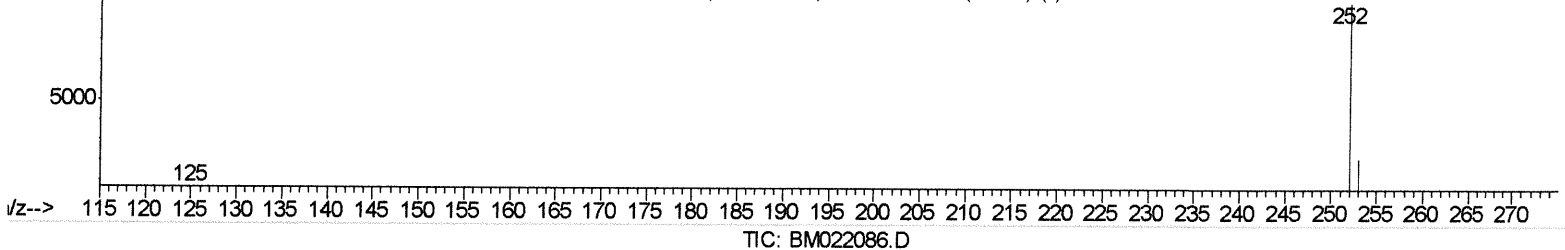
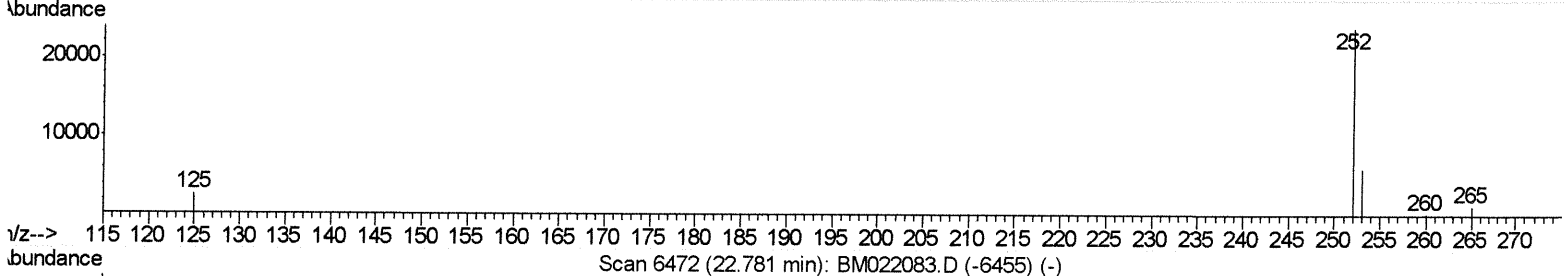
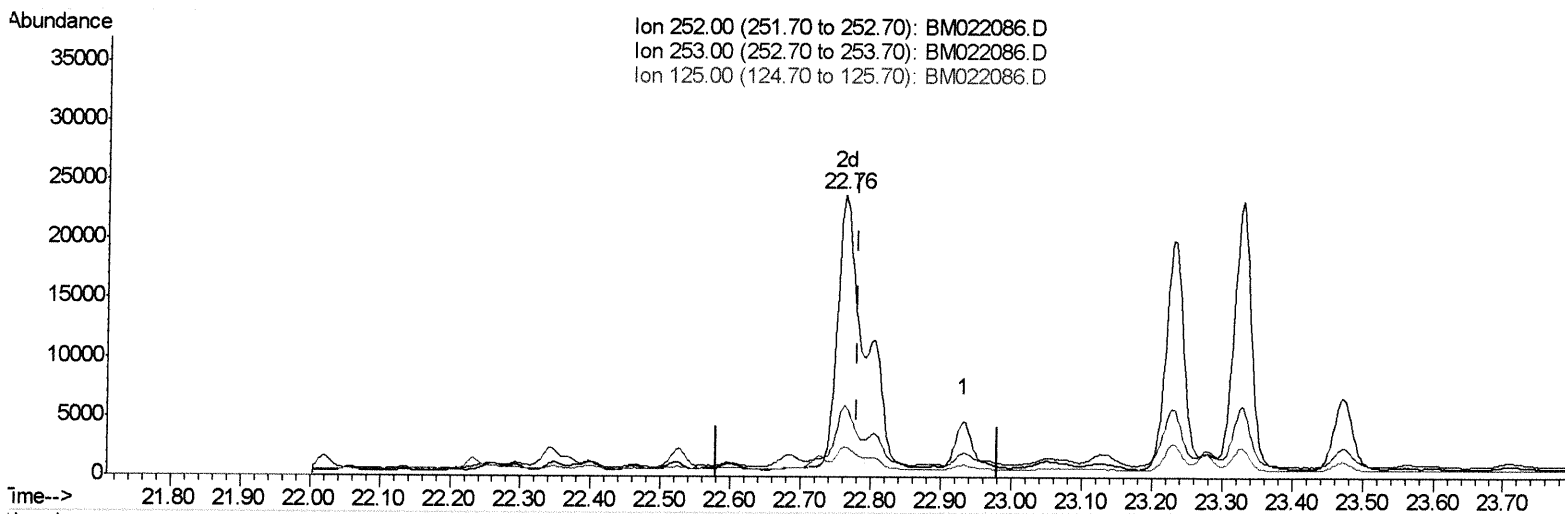
Data File : BM022086.D
Acq On : 14 Aug 2019 01:32
Operator : HP/JU
Sample : K4183-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
C0AG1

Manual Integrations
APPROVED

mohammad
8/15/2019 5:08:04 PM

Quant Time: Aug 14 08:30:19 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



(21) Benzo(b)fluoranthene

22.761min (-0.020) 3.39ng/ul m

JU
08/14/19

response 45902

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	25.45
125.00	15.50	10.77
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Quantitation Report (Qedit)

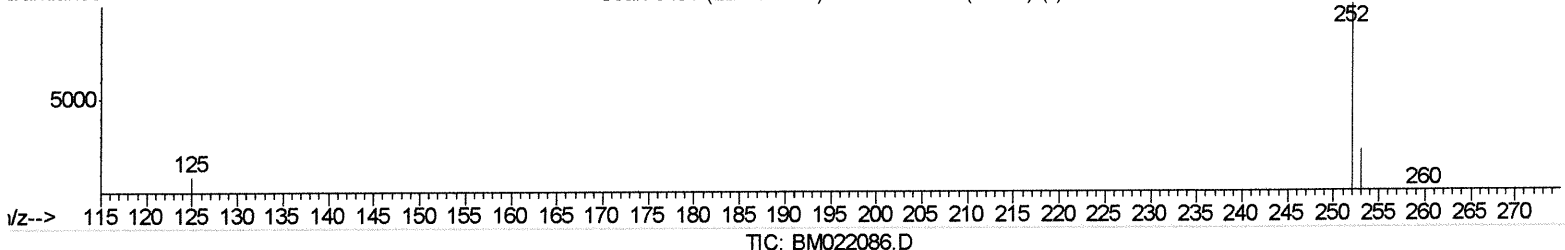
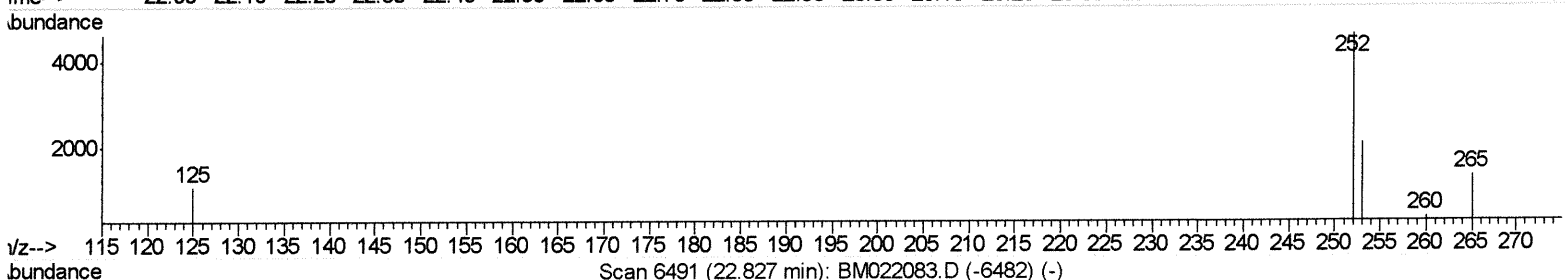
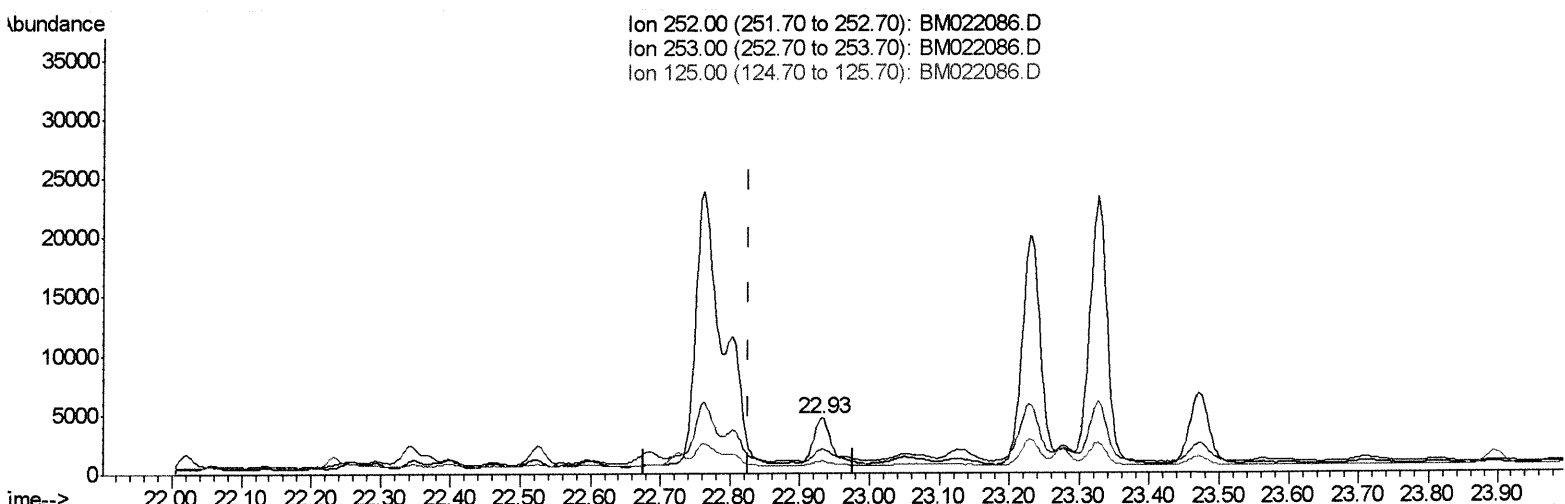
Data File : BM022086.D
Acq On : 14 Aug 2019 01:32
Operator : HP/JU
Sample : K4183-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AG1

Manual Integrations
APPROVED

mohammad
8/15/2019 5:08:04 PM

Quant Time: Aug 14 08:30:19 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



(22) Benzo(k)fluoranthene

22.931min (+0.104) 0.45ng/ul

response 6896

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	44.80#
125.00	15.20	22.76#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Quantitation Report (Qedit)

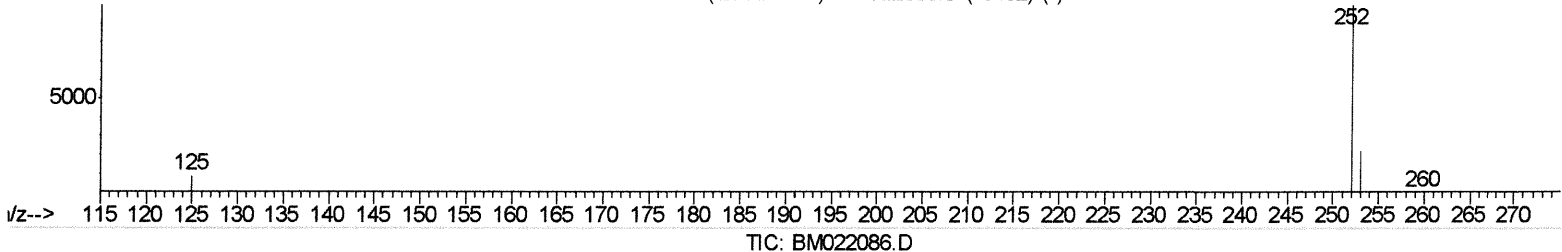
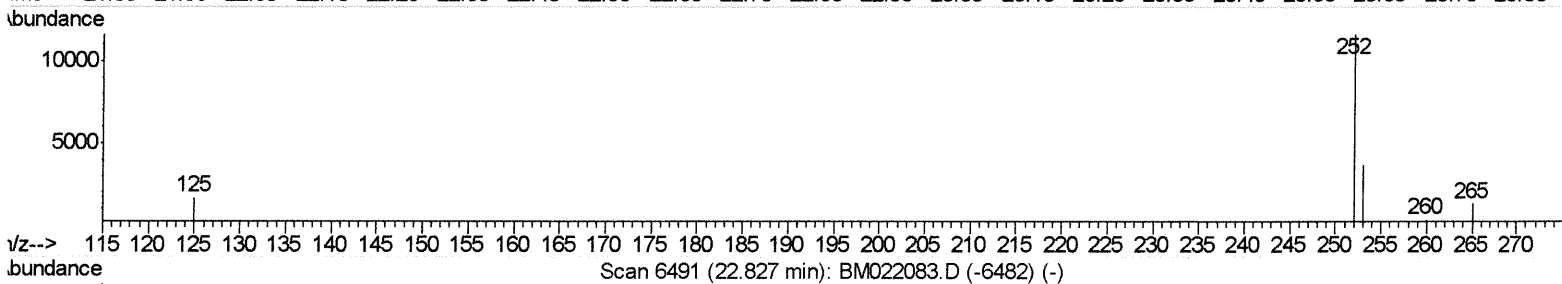
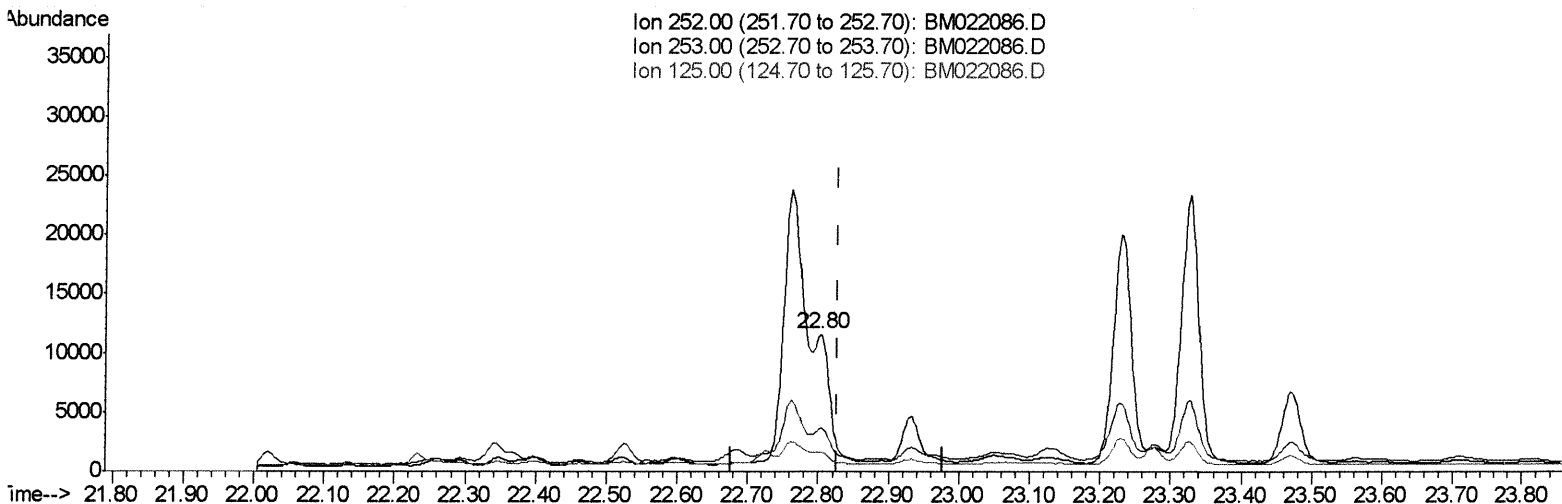
Data File : BM022086.D
Acq On : 14 Aug 2019 01:32
Operator : HP/JU
Sample : K4183-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AG1

Manual Integrations
APPROVED

mohammad
8/15/2019 5:08:04 PM

Quant Time: Aug 14 08:30:19 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



(22) Benzo(k)fluoranthene

22.802min (-0.025) 1.14ng/ul m

JU 08/14/19

response 17527

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	31.40
125.00	15.20	14.28
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Quantitation Report (Qedit)

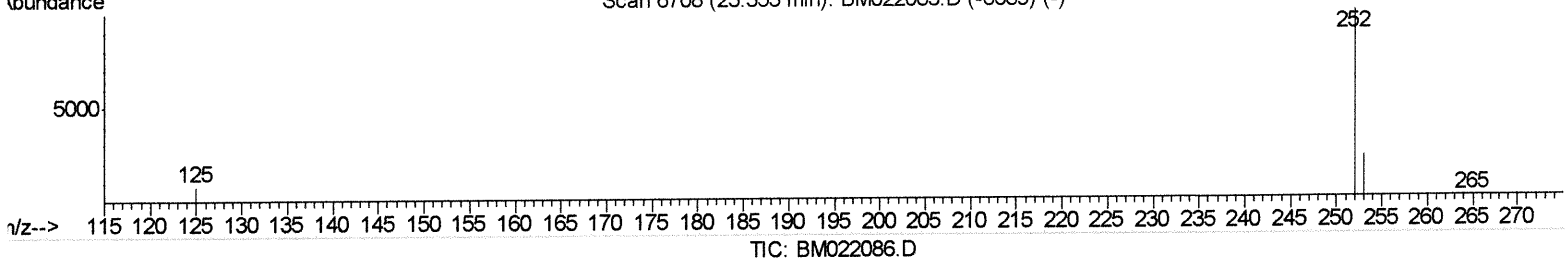
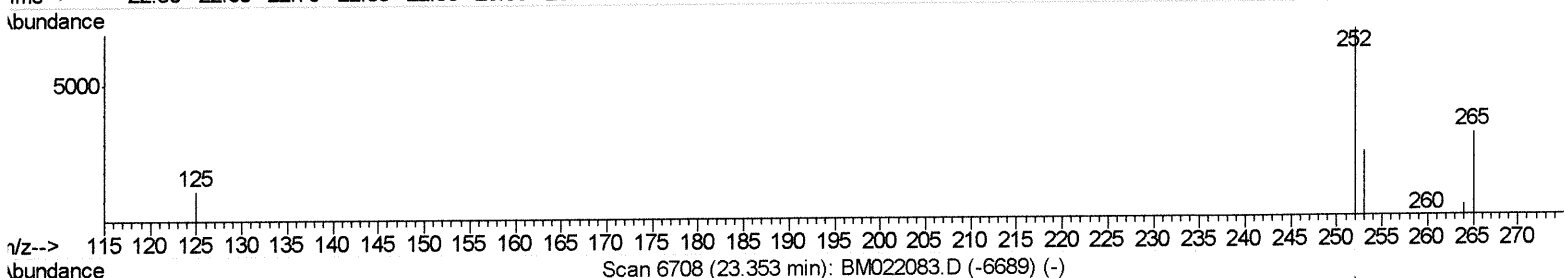
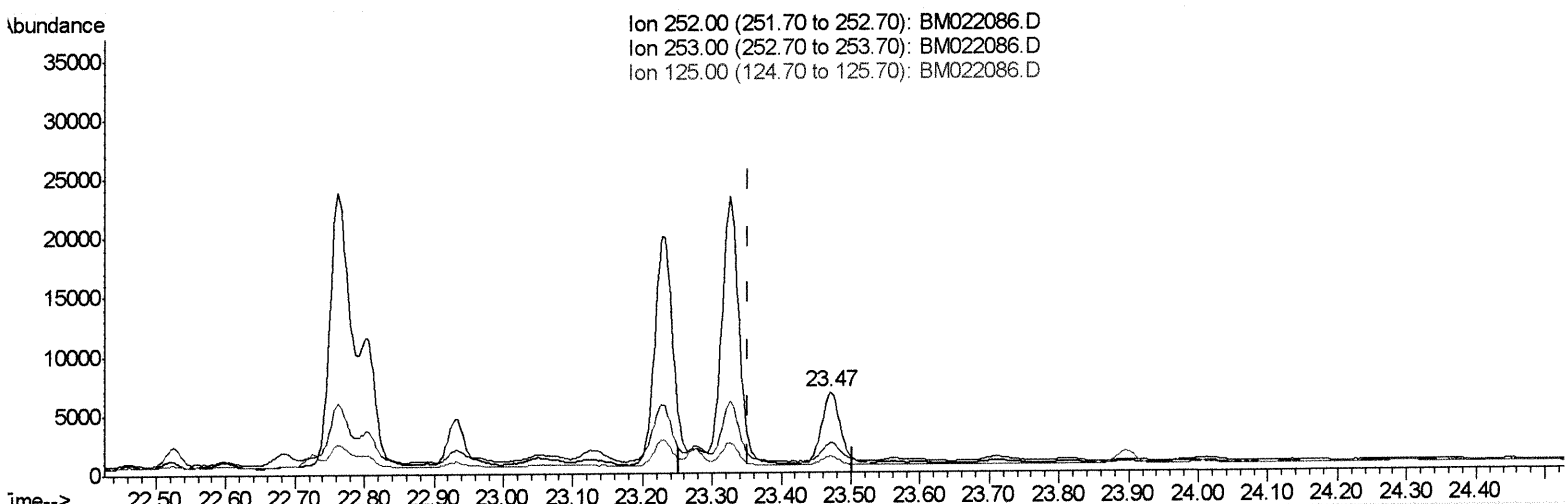
Data File : BM022086.D
Acq On : 14 Aug 2019 01:32
Operator : HP/JU
Sample : K4183-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AG1

Manual Integrations
APPROVED

mohammad
8/15/2019 5:08:04 PM

Quant Time: Aug 14 08:30:19 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



(23) Benzo(a)pyrene (C)

23.469min (+0.116) 0.81ng/ul

response 11184

Ion	Exp%	Act%
252.00	100	100
253.00	39.60	37.50
125.00	18.20	20.39
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Quantitation Report (Qedit)

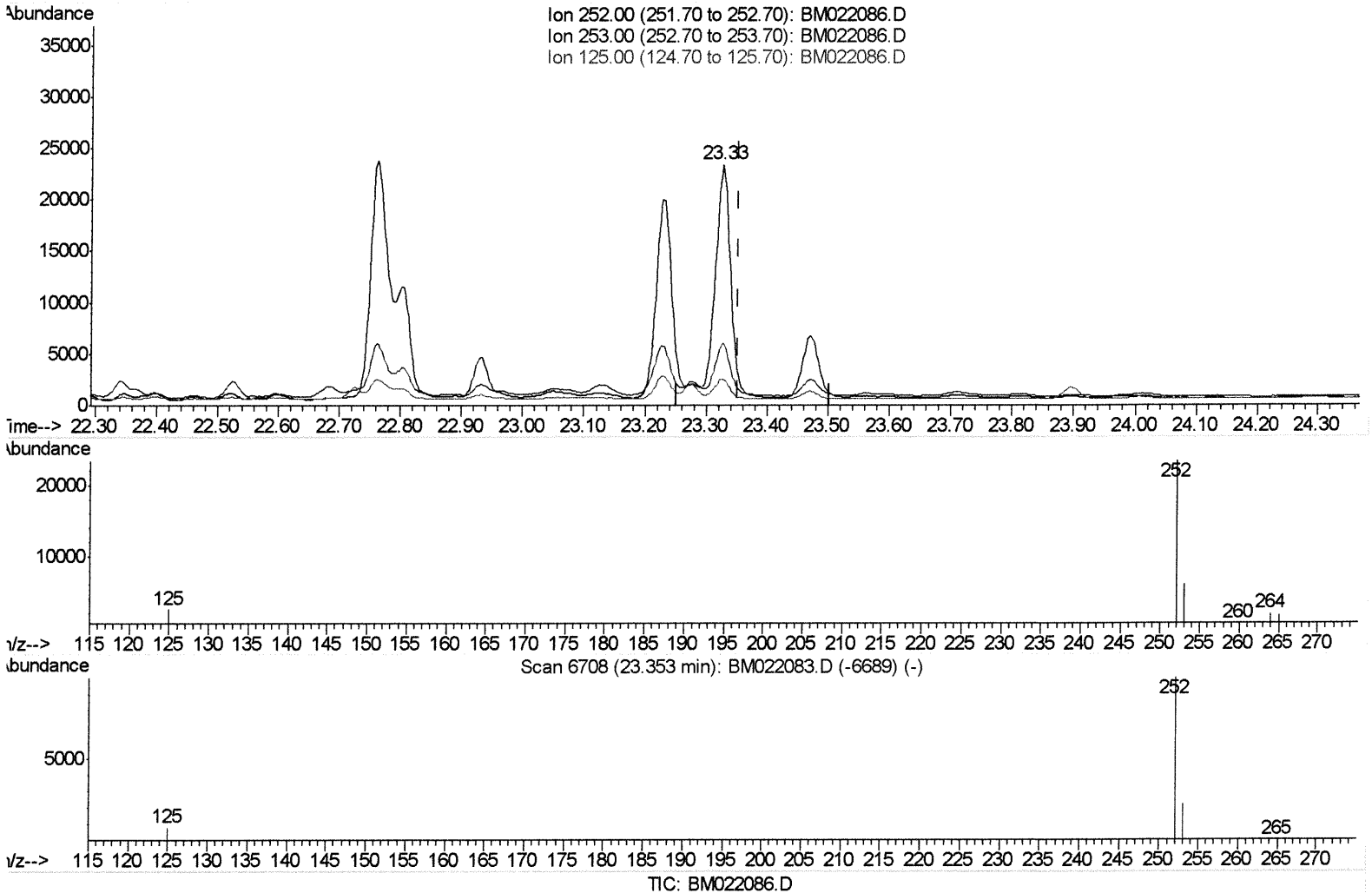
Data File : BM022086.D
Acq On : 14 Aug 2019 01:32
Operator : HP/JU
Sample : K4183-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AG1

Manual Integrations
APPROVED

mohammad
8/15/2019 5:08:04 PM

Quant Time: Aug 14 08:30:19 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



(23) Benzo(a)pyrene (C)

23.326min (-0.027) 2.77ng/ul m

response 38200

Ion	Exp%	Act%
252.00	100	100
253.00	39.60	25.94#
125.00	18.20	11.20#
0.00	0.00	0.00

Jo 8/14/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Quantitation Report (Qedit)

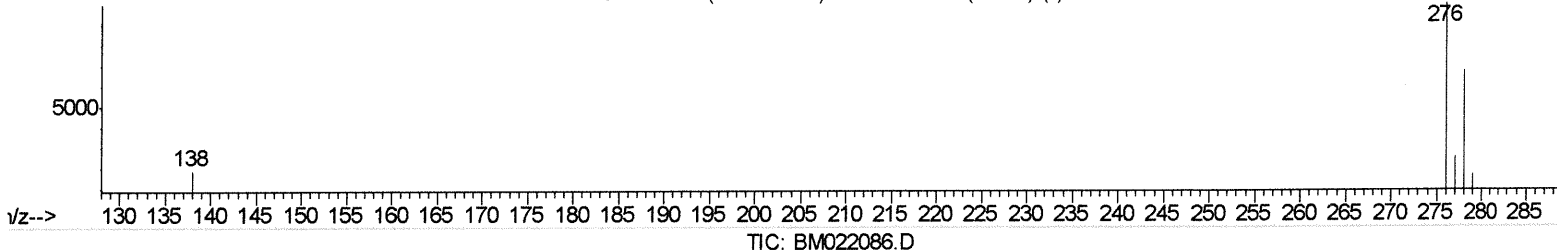
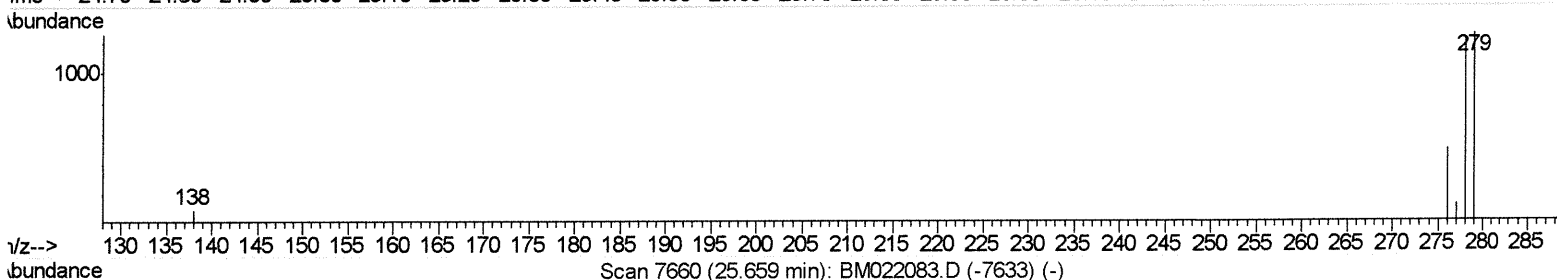
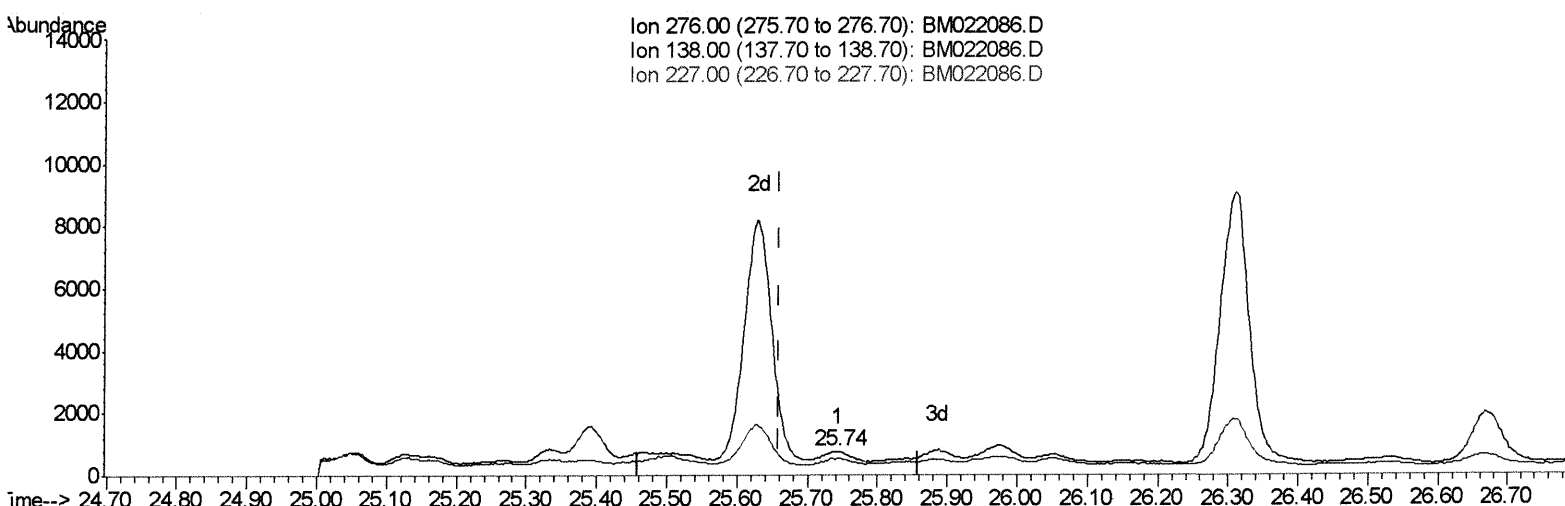
Data File : BM022086.D
Acq On : 14 Aug 2019 01:32
Operator : HP/JU
Sample : K4183-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AG1

Manual Integrations
APPROVED

mohammad
8/15/2019 5:08:04 PM

Quant Time: Aug 14 08:30:19 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



(24) Indeno(1,2,3-cd)pyrene

25.744min (+0.084) 0.05ng/ul

response 850

Ion	Exp%	Act%
276.00	100	100
138.00	18.90	31.06#
227.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Quantitation Report (Qedit)

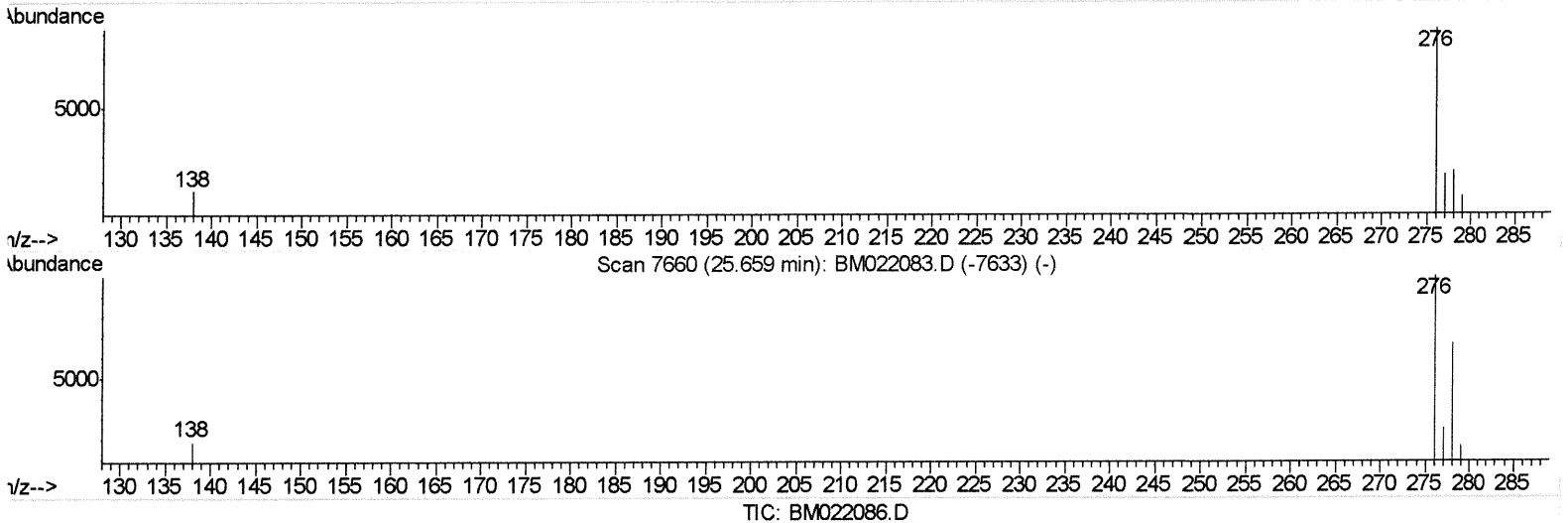
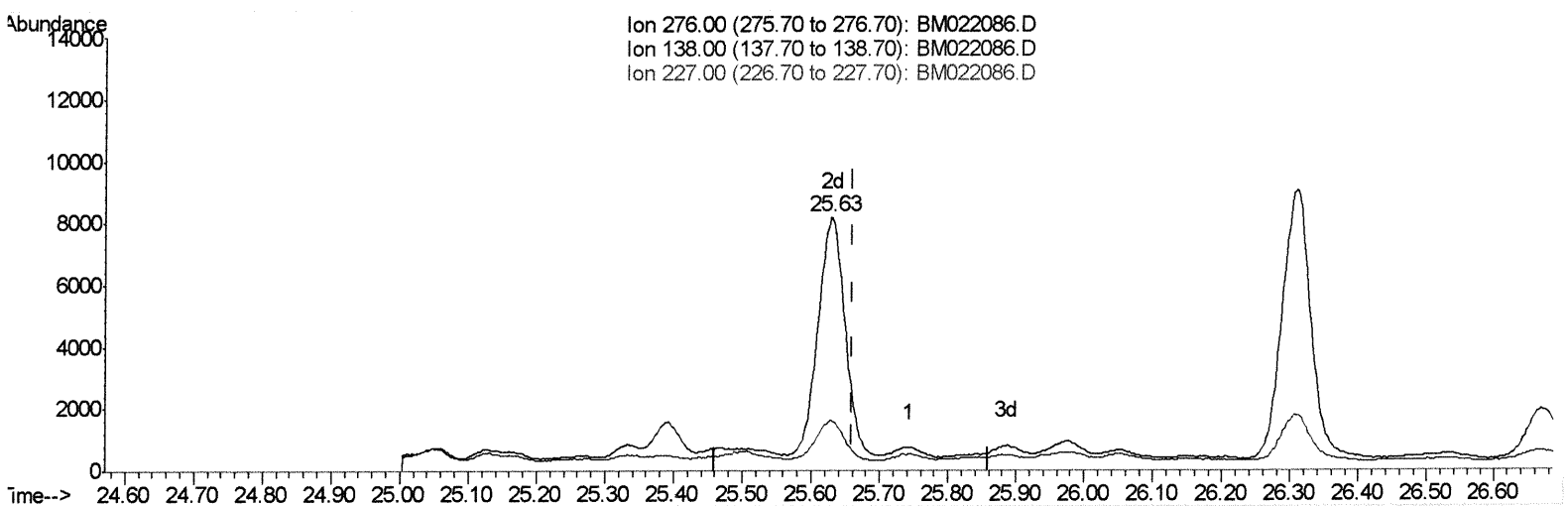
Data File : BM022086.D
Acq On : 14 Aug 2019 01:32
Operator : HP/JU
Sample : K4183-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
C0AG1

Manual Integrations
APPROVED

mohammad
8/15/2019 5:08:04 PM

Quant Time: Aug 14 08:30:19 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



(24) Indeno(1,2,3-cd)pyrene

25.630min (-0.030) 1.33ng/ul m *JU 08/14/19*

response 21924

Ion	Exp%	Act%
276.00	100	100
138.00	18.90	1.20#
227.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Quantitation Report (Qedit)

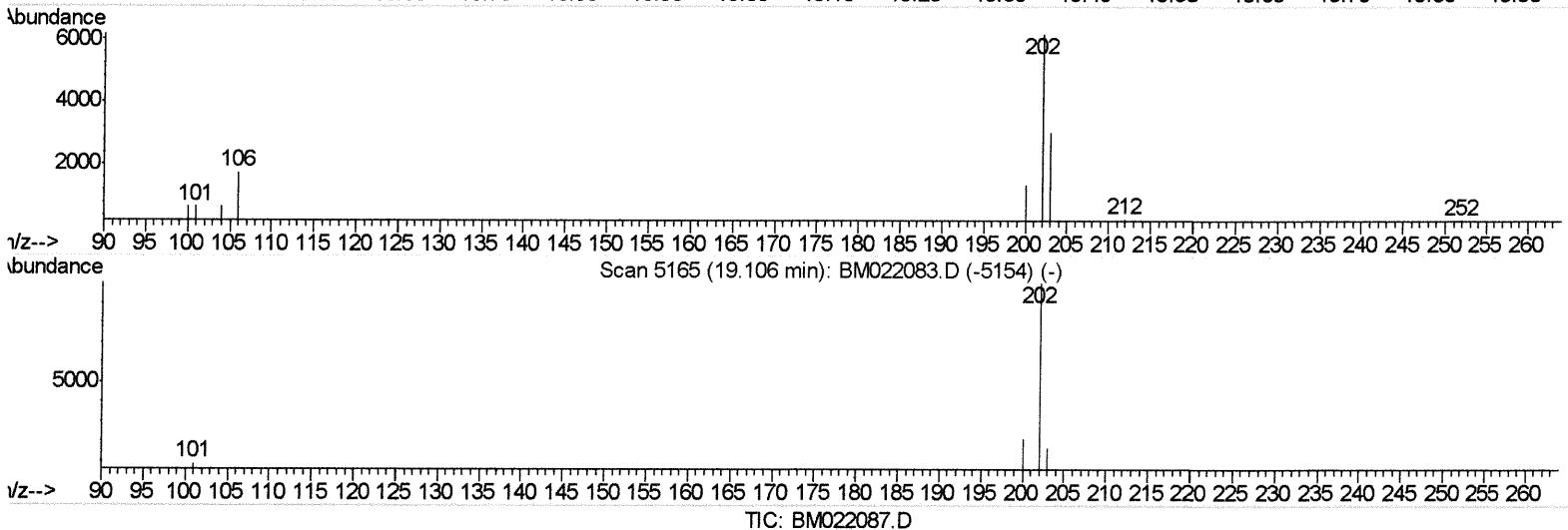
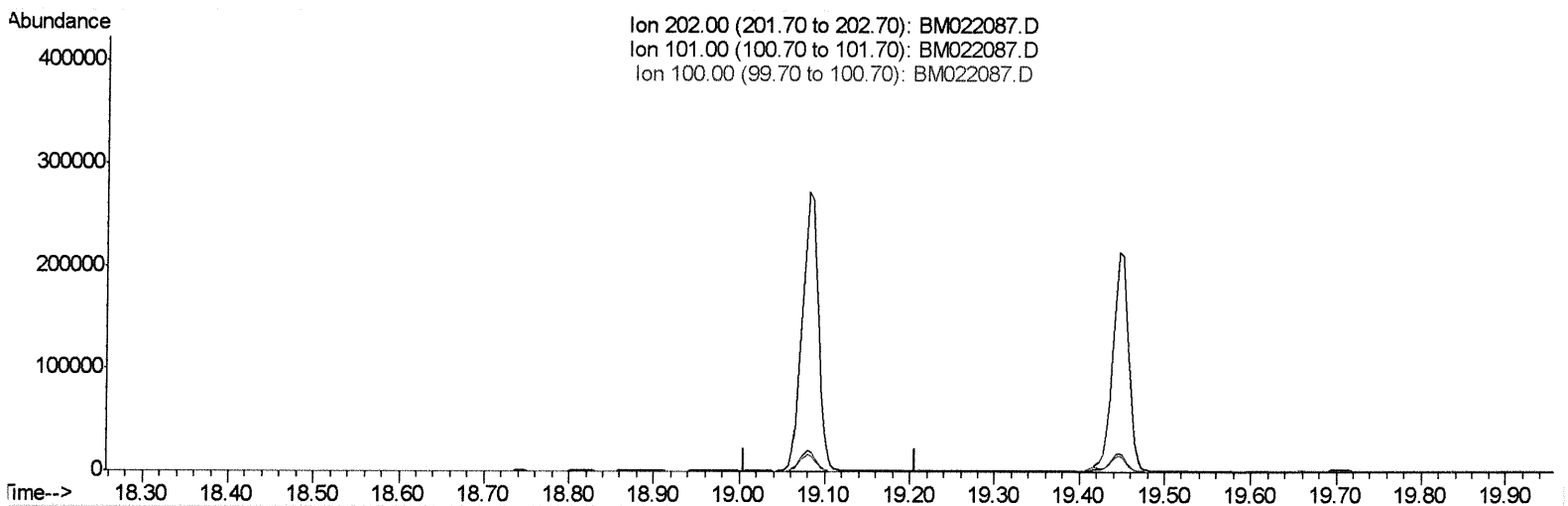
Data File : BM022087.D
Acq On : 14 Aug 2019 02:09
Operator : HP/JU
Sample : K4183-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AG1

Manual Integrations
APPROVED

mohammad
8/15/2019 5:08:04 PM

Quant Time: Aug 14 08:32:33 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



(15) Fluoranthene (C)

19.106min (-19.106) 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\
Quantitation Report (Qedit)

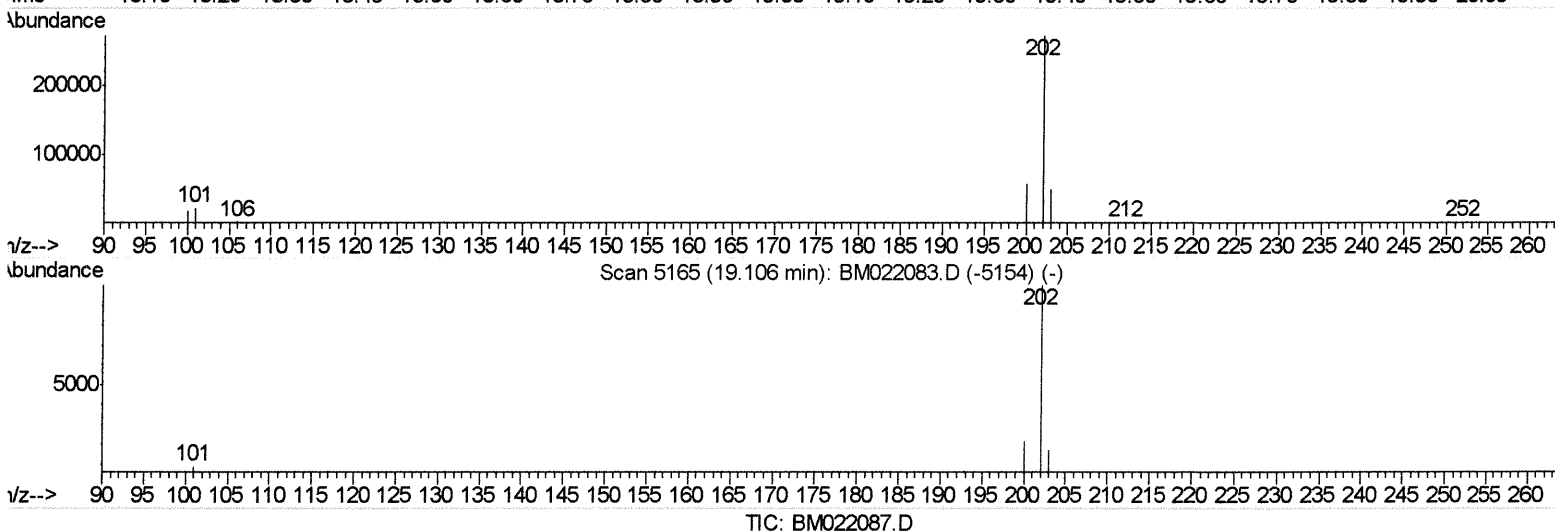
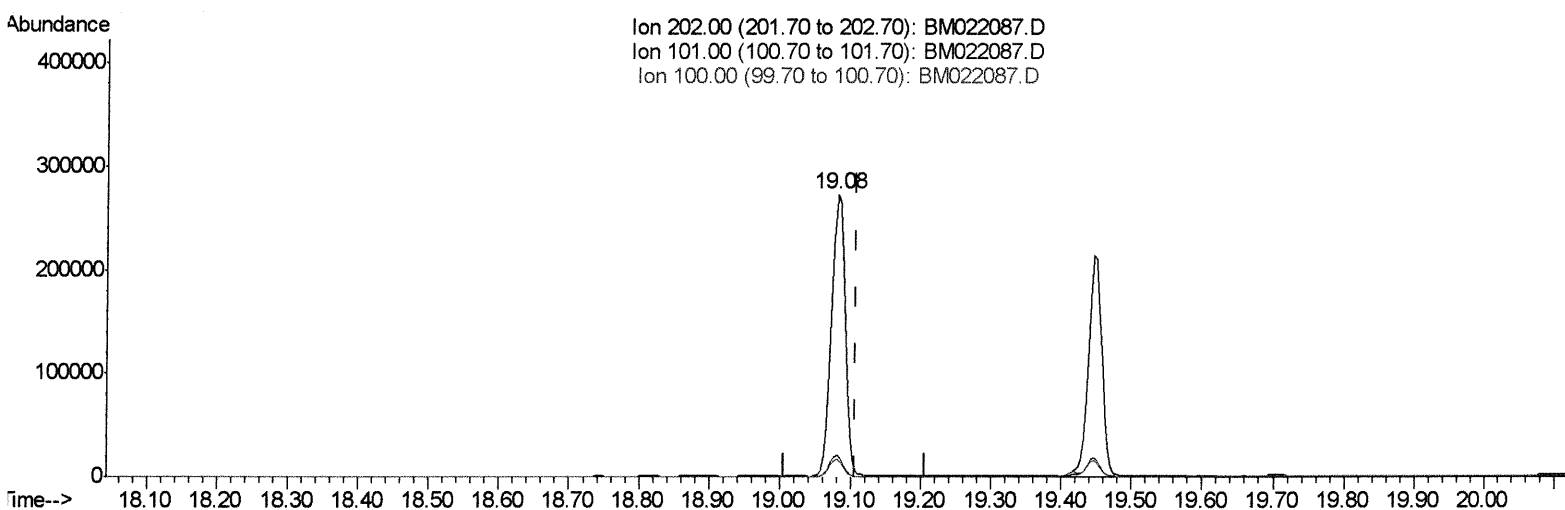
Data File : BM022087.D
Acq On : 14 Aug 2019 02:09
Operator : HP/JU
Sample : K4183-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AG1

Manual Integrations
APPROVED

mohammad
8/15/2019 5:08:04 PM

Quant Time: Aug 14 08:32:33 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



(15) Fluoranthene (C)

19.079min (-0.027) 20.48ng/ul m JU 08/14/19

response 361723

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	7.76
100.00	8.10	6.19
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Quantitation Report (Qedit)

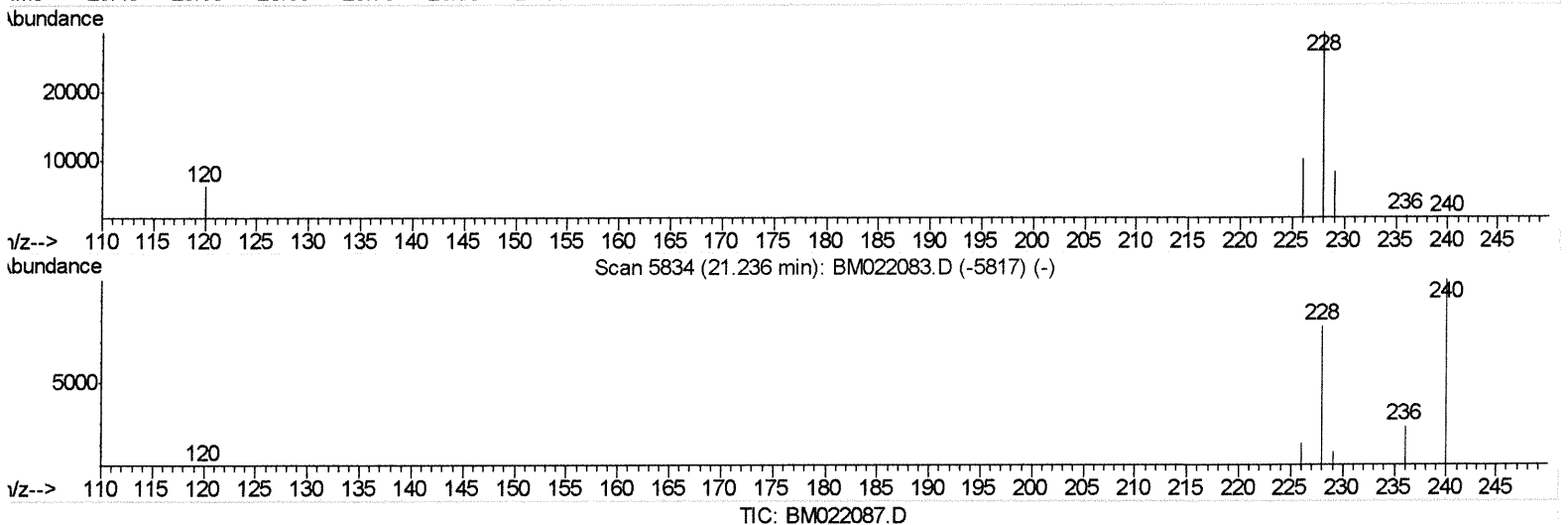
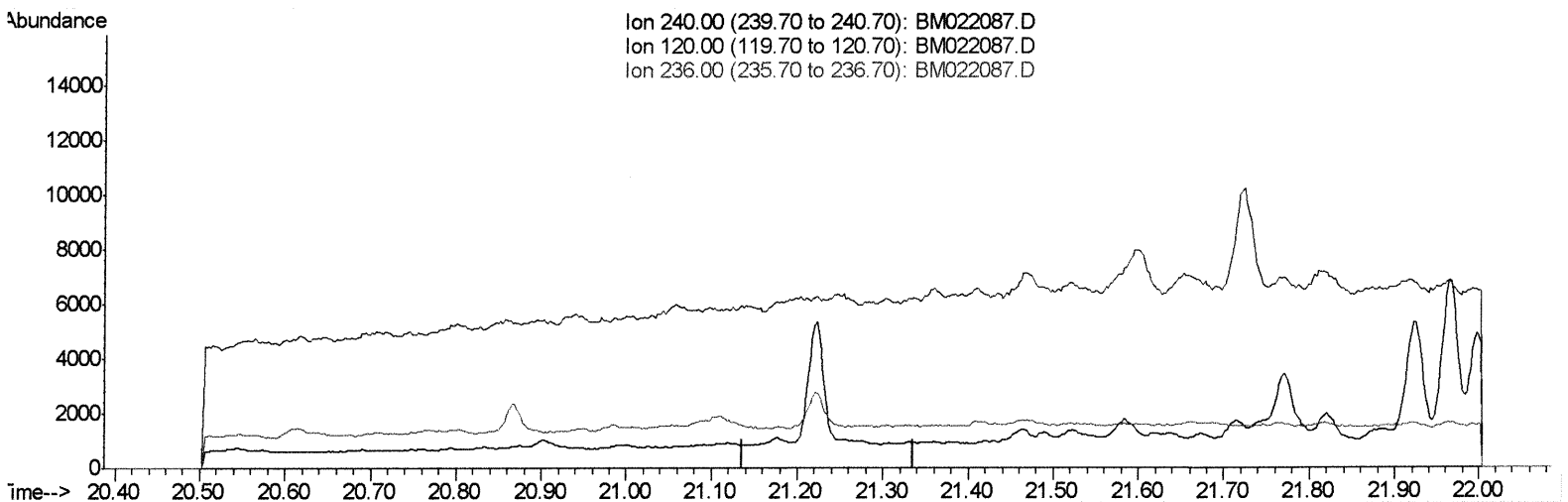
Data File : BM022087.D
Acq On : 14 Aug 2019 02:09
Operator : HP/JU
Sample : K4183-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AG1

Manual Integrations
APPROVED

mohammad
8/15/2019 5:08:04 PM

Quant Time: Aug 14 08:32:33 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



(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)

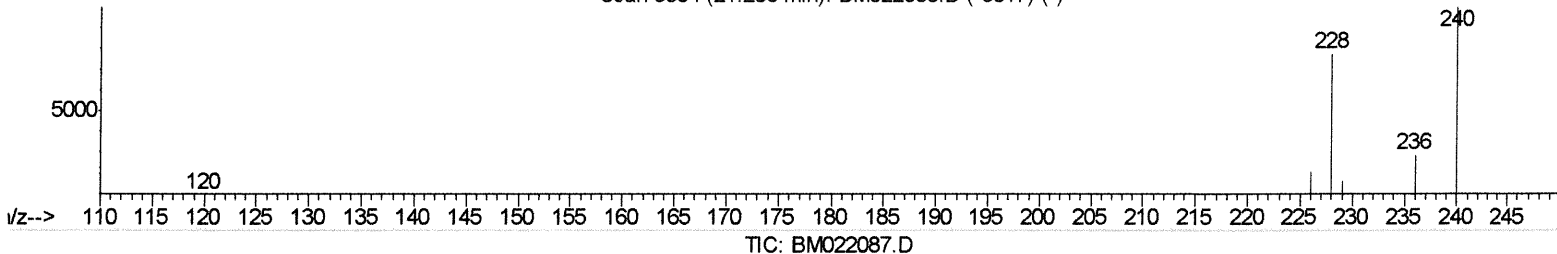
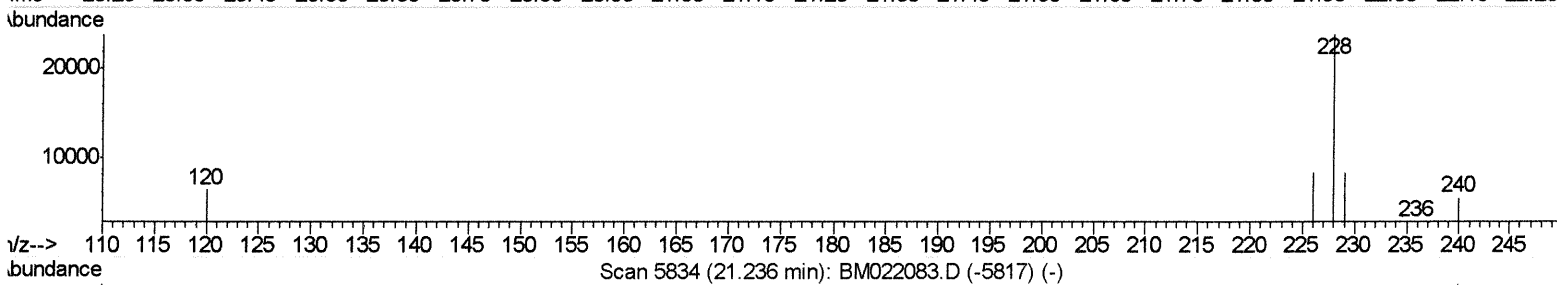
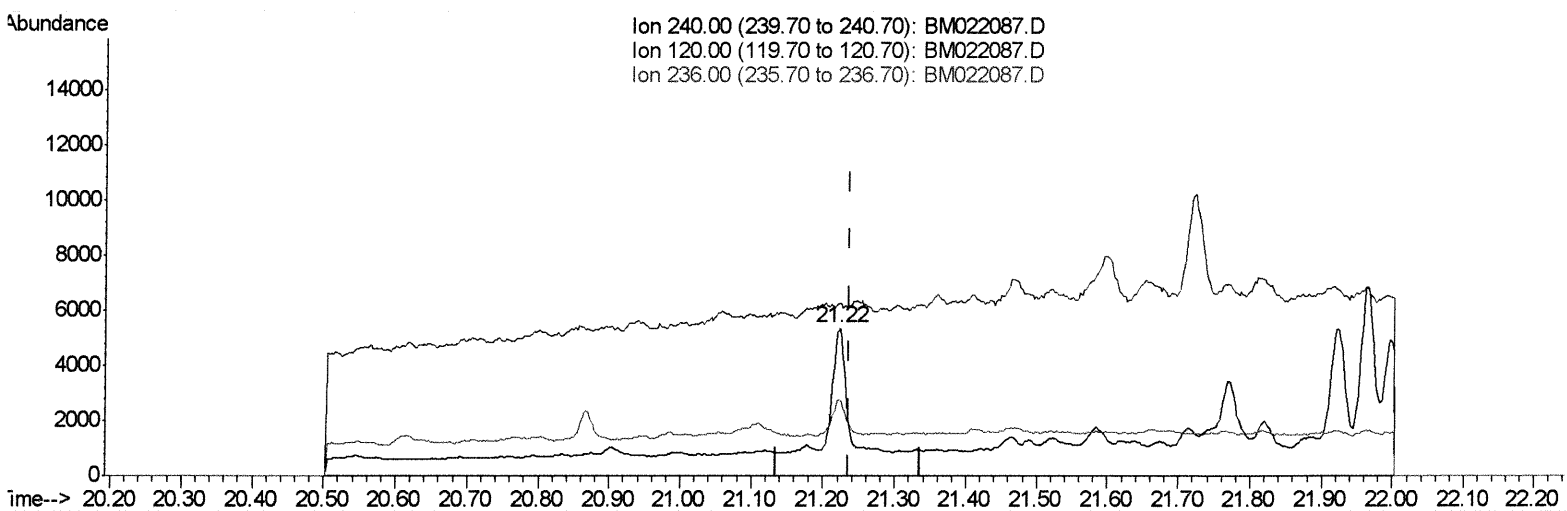
Data File : BM022087.D
Acq On : 14 Aug 2019 02:09
Operator : HP/JU
Sample : K4183-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
C0AG1

Manual Integrations
APPROVED

mohammad
8/15/2019 5:08:04 PM

Quant Time: Aug 14 08:32:33 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



(16) Chrysene-d12 (I)

21.222min (-0.015) 0.40ng/ul m *JU 08/14/19*

response 5487

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	117.42#
236.00	32.30	50.96#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Quantitation Report (Qedit)

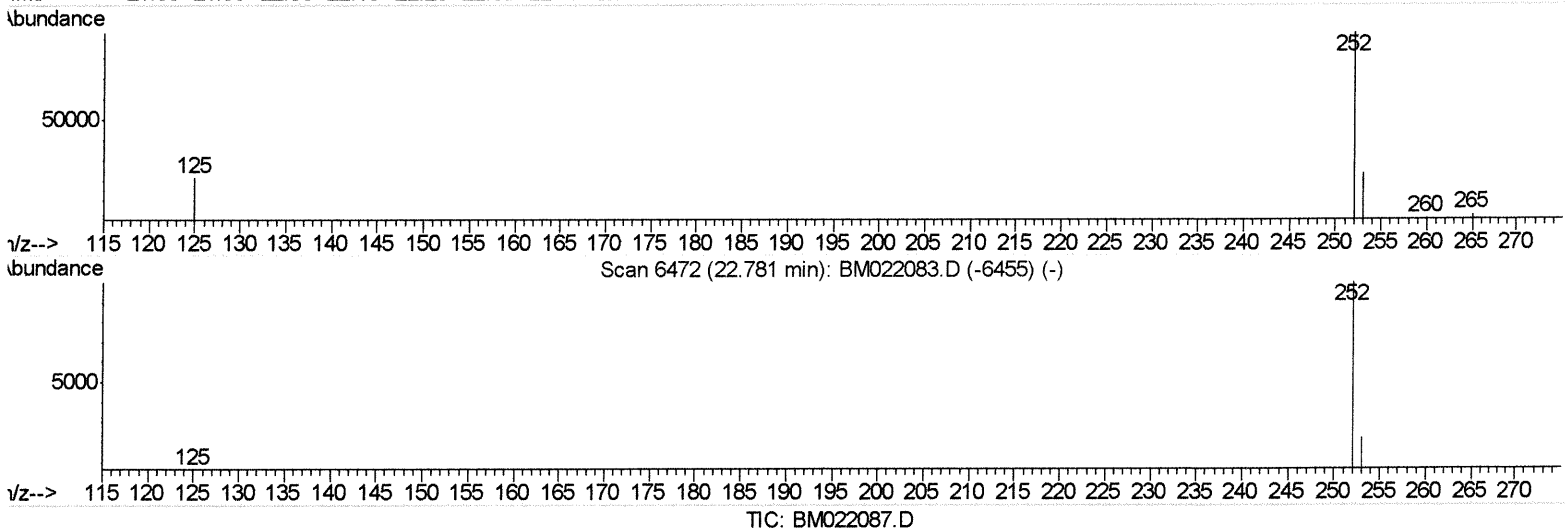
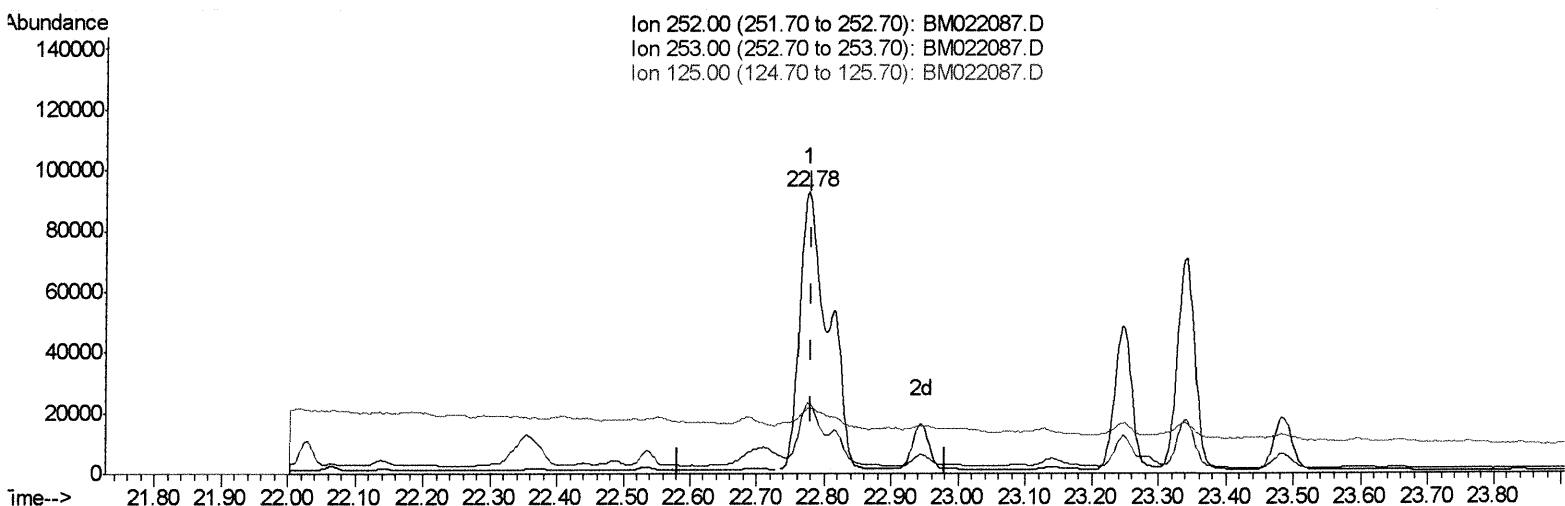
Data File : BM022087.D
Acq On : 14 Aug 2019 02:09
Operator : HP/JU
Sample : K4183-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AG1

Manual Integrations
APPROVED

mohammad
8/15/2019 5:08:04 PM

Quant Time: Aug 14 08:33:56 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



(21) Benzo(b)fluoranthene

22.776min (-0.005) 14.76ng/ul

response 268581

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	25.22
125.00	15.50	23.13
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Quantitation Report (Qedit)

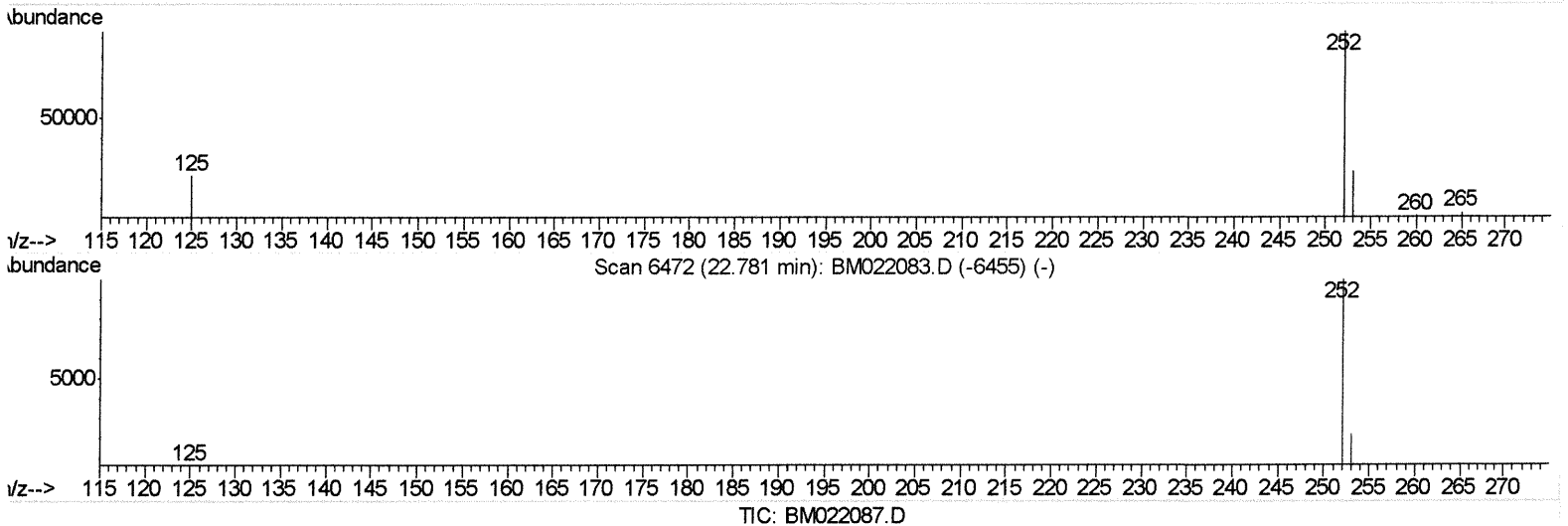
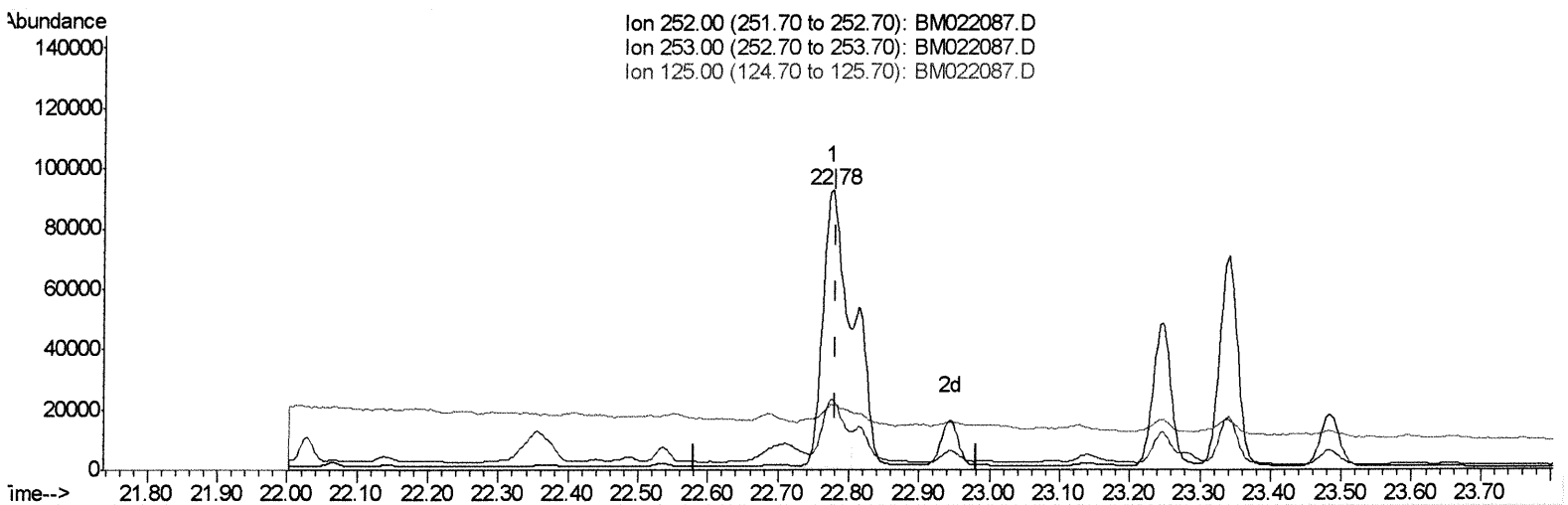
Data File : BM022087.D
Acq On : 14 Aug 2019 02:09
Operator : HP/JU
Sample : K4183-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AG1

Manual Integrations
APPROVED

mohammad
8/15/2019 5:08:04 PM

Quant Time: Aug 14 08:33:56 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



(21) Benzo(b)fluoranthene

22.776min (-0.005) 10.88ng/ul m

JU
08/14/19

response 197934

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	25.22
125.00	15.50	23.13
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Quantitation Report (Qedit)

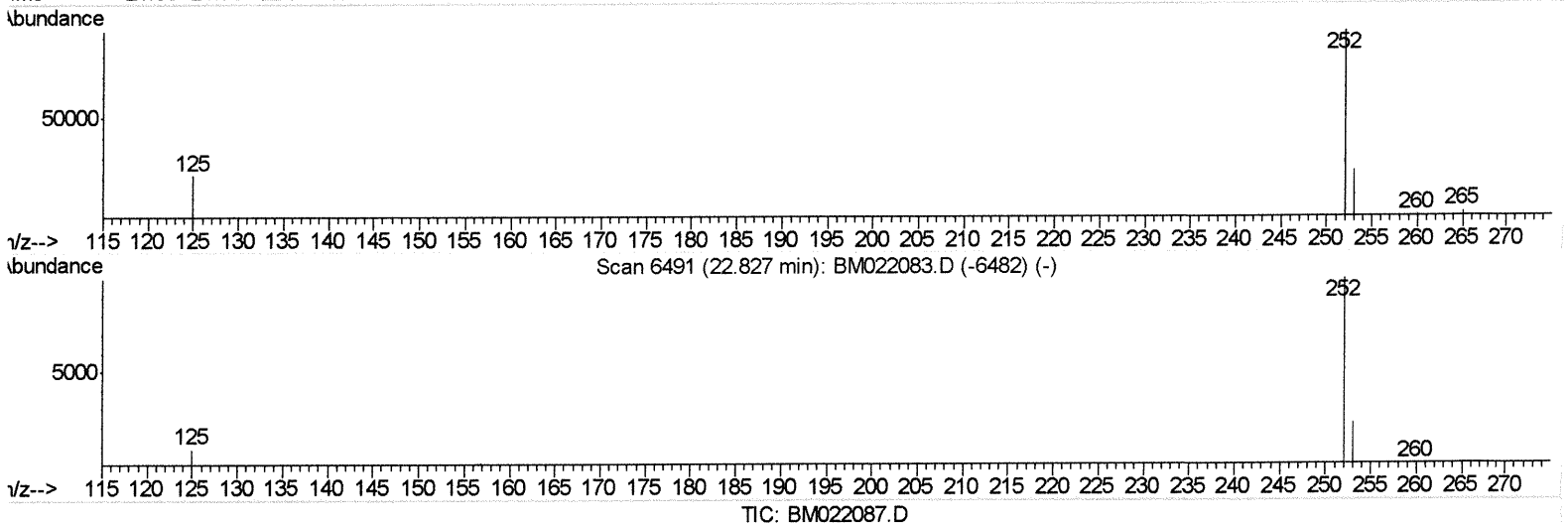
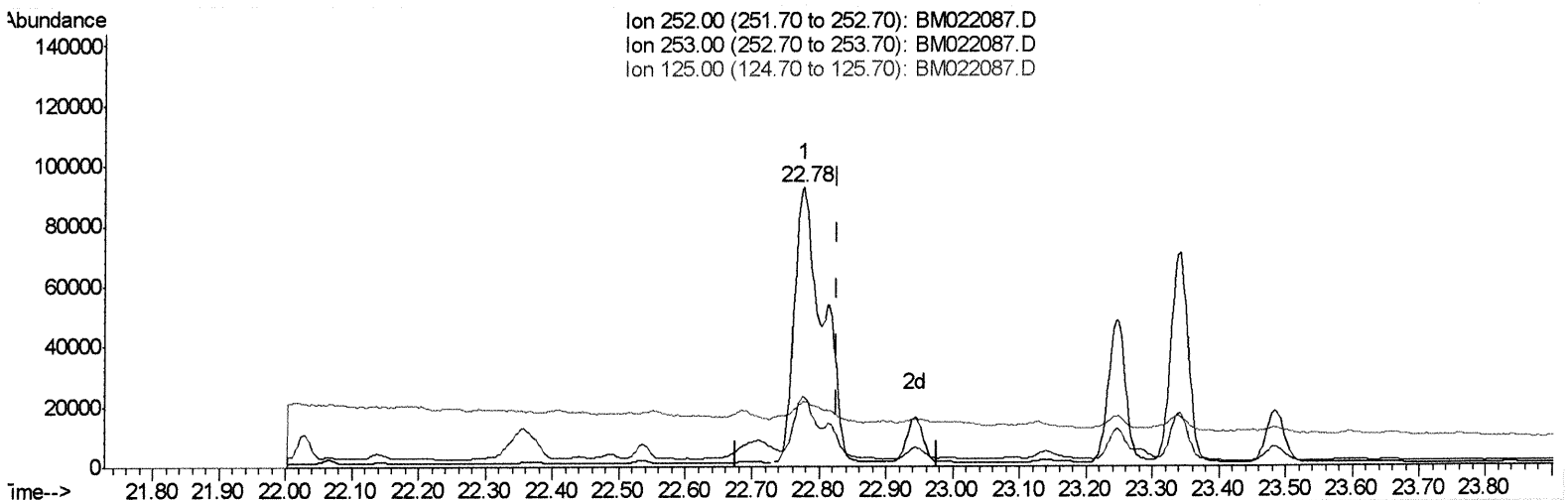
Data File : BM022087.D
Acq On : 14 Aug 2019 02:09
Operator : HP/JU
Sample : K4183-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AG1

Manual Integrations
APPROVED

mohammad
8/15/2019 5:08:04 PM

Quant Time: Aug 14 08:33:56 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



(22) Benzo(k)fluoranthene

22.776min (-0.051) 13.04ng/ul

response 268561

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	25.22#
125.00	15.20	23.13#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Quantitation Report (Qedit)

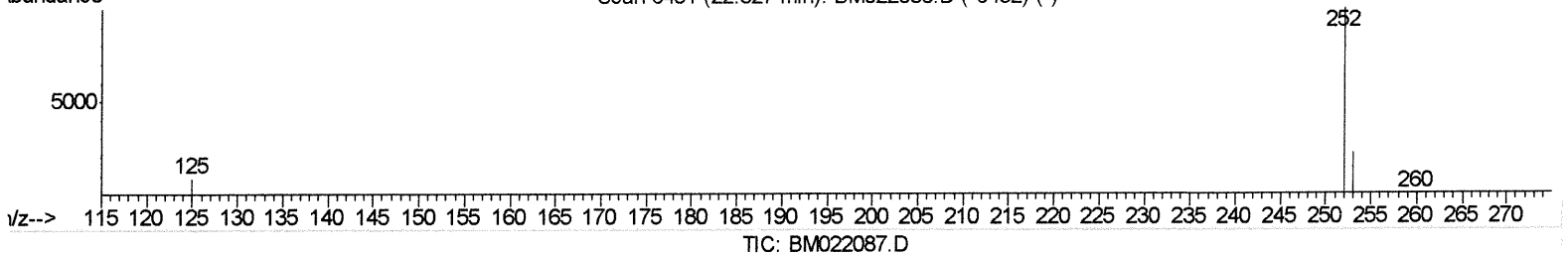
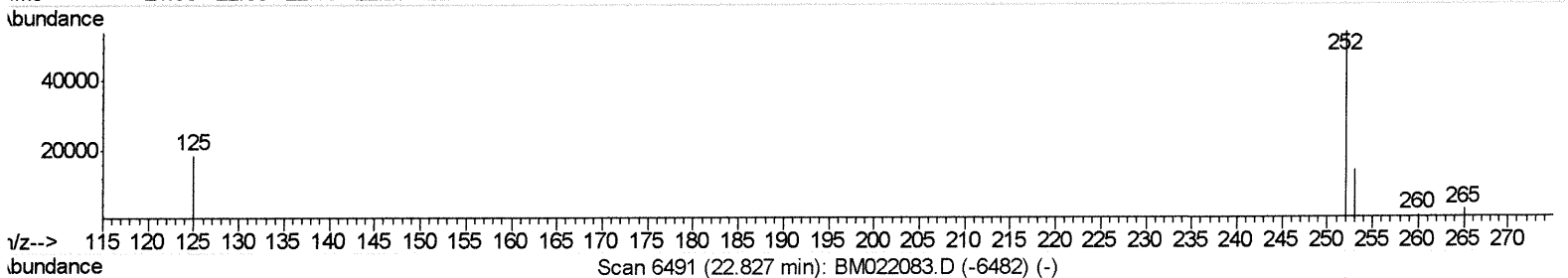
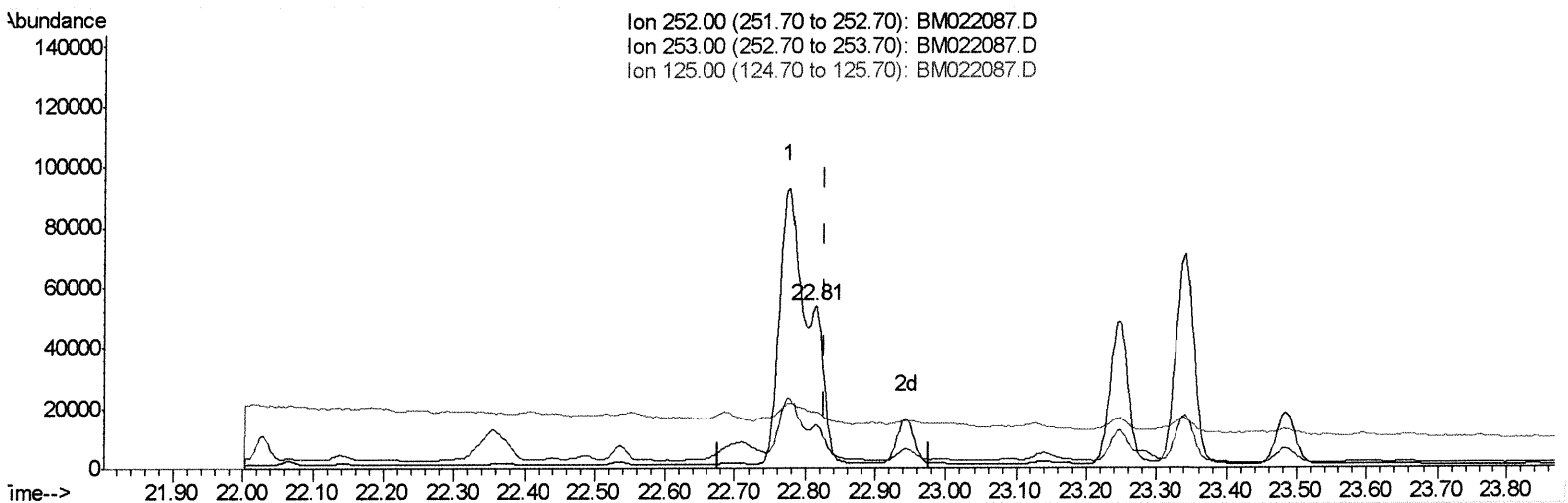
Data File : BM022087.D
Acq On : 14 Aug 2019 02:09
Operator : HP/JU
Sample : K4183-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AG1

Manual Integrations
APPROVED

mohammad
8/15/2019 5:08:04 PM

Quant Time: Aug 14 08:33:56 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



(22) Benzo(k)fluoranthene

22.813min (-0.015) 3.50ng/ul m *JU 08/14/19*

response 72133

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	26.55#
125.00	15.20	34.79#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Quantitation Report (QT Reviewed)

Data File : BM022087.D
Acq On : 14 Aug 2019 02:09
Operator : HP/JU
Sample : K4183-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AG1

Manual Integrations
APPROVED

mohammad
8/15/2019 5:08:04 PM

Quant Time: Aug 14 08:35:34 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	846	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.38	136	3373	0.40	ng/ul	-0.04
6) Acenaphthene-d10	14.25	164	1851	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.01	188	4531m→	0.40	ng/ul	-0.03
16) Chrysene-d12	21.22	240	5487m→	0.40	ng/ul	-0.01
20) Perylene-d12	23.44	264	5396	0.40	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.98	152	945	0.17	ng/ul	-0.04
14) Fluoranthene-d10	19.05	212	2900m→	0.19	ng/ul	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.43	128	849	0.089	ng/ul#	86
5) 2-Methylnaphthalene	12.06	142	895	0.141	ng/ul	99
7) Acenaphthylene	13.98	152	1483	0.172	ng/ul#	75
8) Acenaphthene	14.32	153	7506	1.063	ng/ul	96
9) Fluorene	15.31	166	9485	1.209	ng/ul	98
12) Phenanthrene	17.05	178	199557m→	15.137	ng/ul	96
13) Anthracene	17.15	178	52010m→	4.625	ng/ul	100
15) Fluoranthene	19.08	202	361723m→	20.482	ng/ul	97
17) Pyrene	19.45	202	285215	12.649	ng/ul	96
18) Benzo(a)anthracene	21.20	228	182588	9.303	ng/ul	97
19) Chrysene	21.26	228	166593	6.600	ng/ul	97
21) Benzo(b)fluoranthene	22.78	252	197934m→	10.878	ng/ul	97
22) Benzo(k)fluoranthene	22.81	252	72133m→	3.503	ng/ul	97
23) Benzo(a)pyrene	23.34	252	125475	6.781	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	25.64	276	74276	3.362	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.65	278	19657	1.101	ng/ul#	72
26) Benzo(g,h,i)perylene	26.33	276	67442	3.390	ng/ul	98

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