

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\

Quantitation Report (QT Reviewed)

Data File : BM021791.D

Acq On : 04 Aug 2019 02:02

Operator : HP/JU

Sample : K3850-18

Misc :

ALS Vial : 34 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

BENS4

Manual Integrations
APPROVED

mohammad

8/5/2019 10:14:16 PM

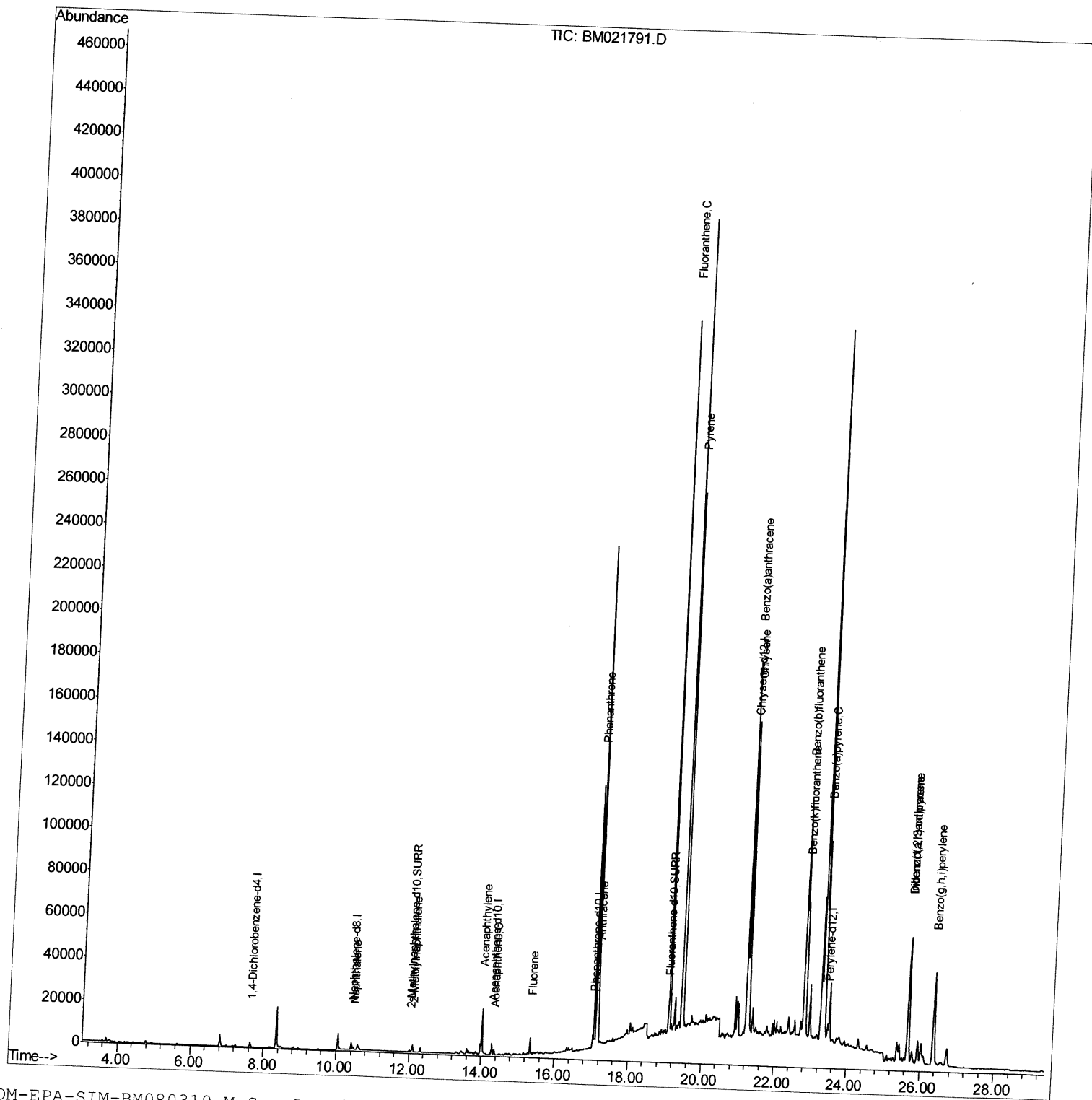
Quant Time: Aug 04 05:05:18 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sun Aug 04 04:24:24 2019

Response via : Initial Calibration



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Quantitation Report (Qedit)

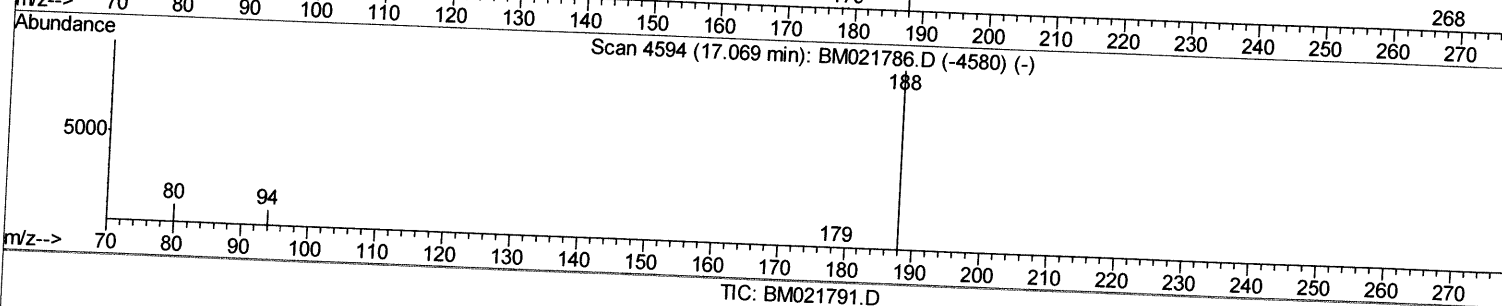
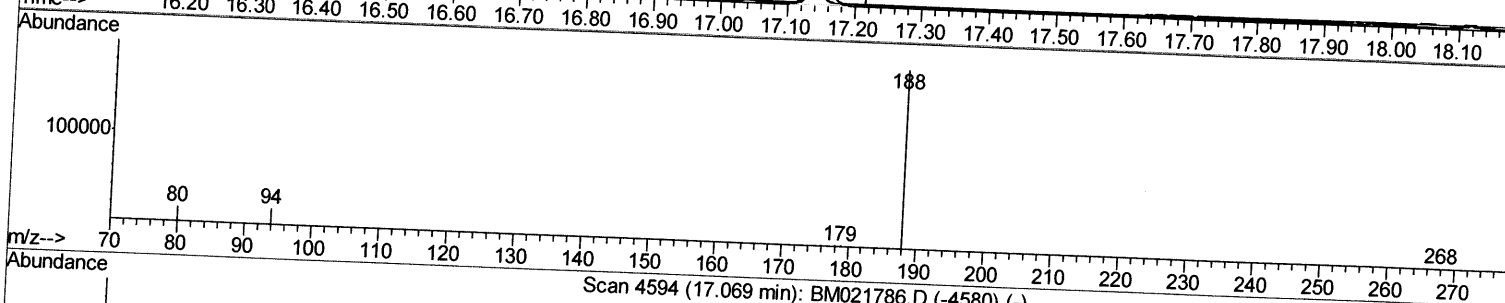
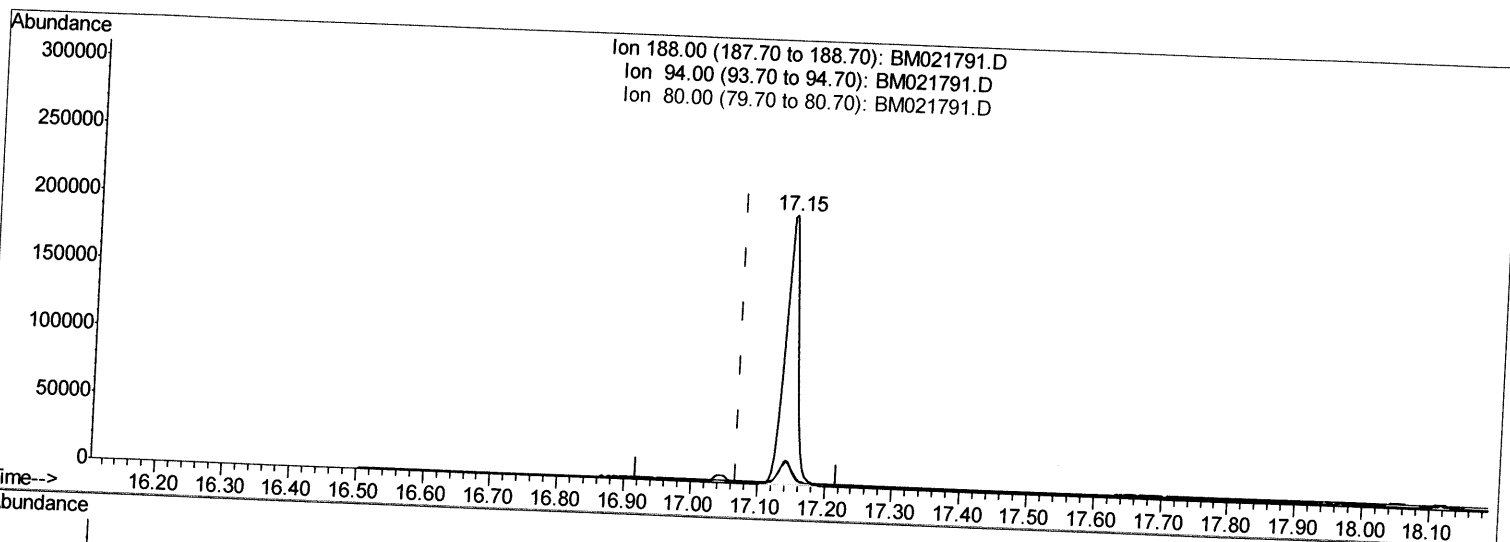
Data File : BM021791.D
Acq On : 04 Aug 2019 02:02
Operator : HP/JU
Sample : K3850-18
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENS4

Manual Integrations
APPROVED

mohammad
8/5/2019 10:14:16 PM

Quant Time: Aug 04 04:27:39 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 : Sun Aug 04 04:24:24 2019
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.145min (+0.076) 0.40ng/ul

response 275289

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	8.65
80.00	11.40	8.02#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\

Quantitation Report (Qedit)

Data File : BM021791.D

Acq On : 04 Aug 2019 02:02

Operator : HP/JU

Sample : K3850-18

Misc :

ALS Vial : 34 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampled :

BENS4

Manual Integrations
APPROVED

mohammad
8/5/2019 10:14:16 PM

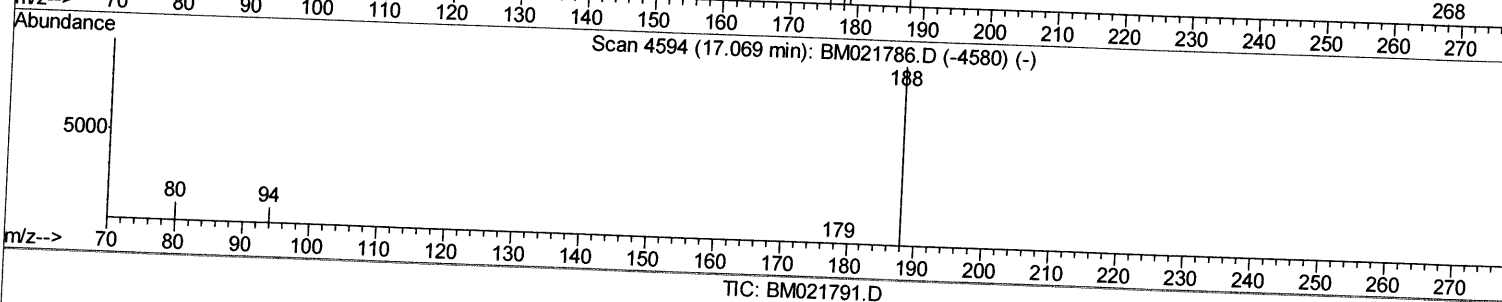
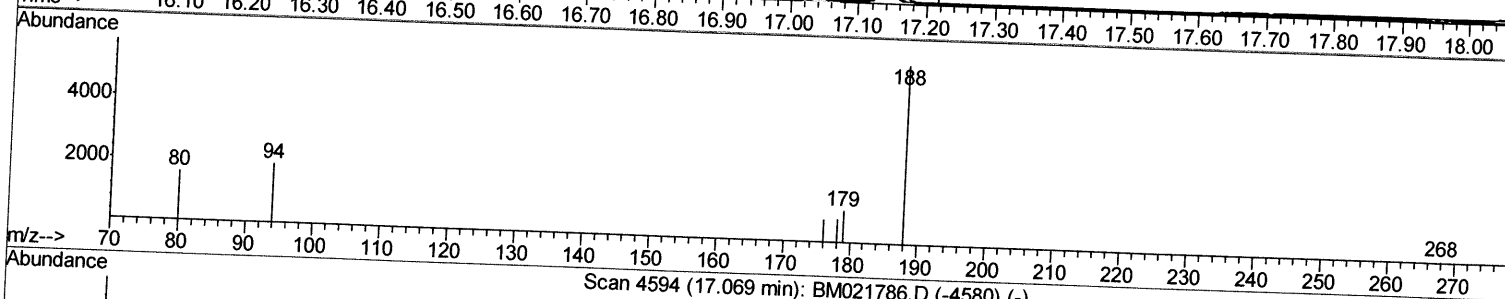
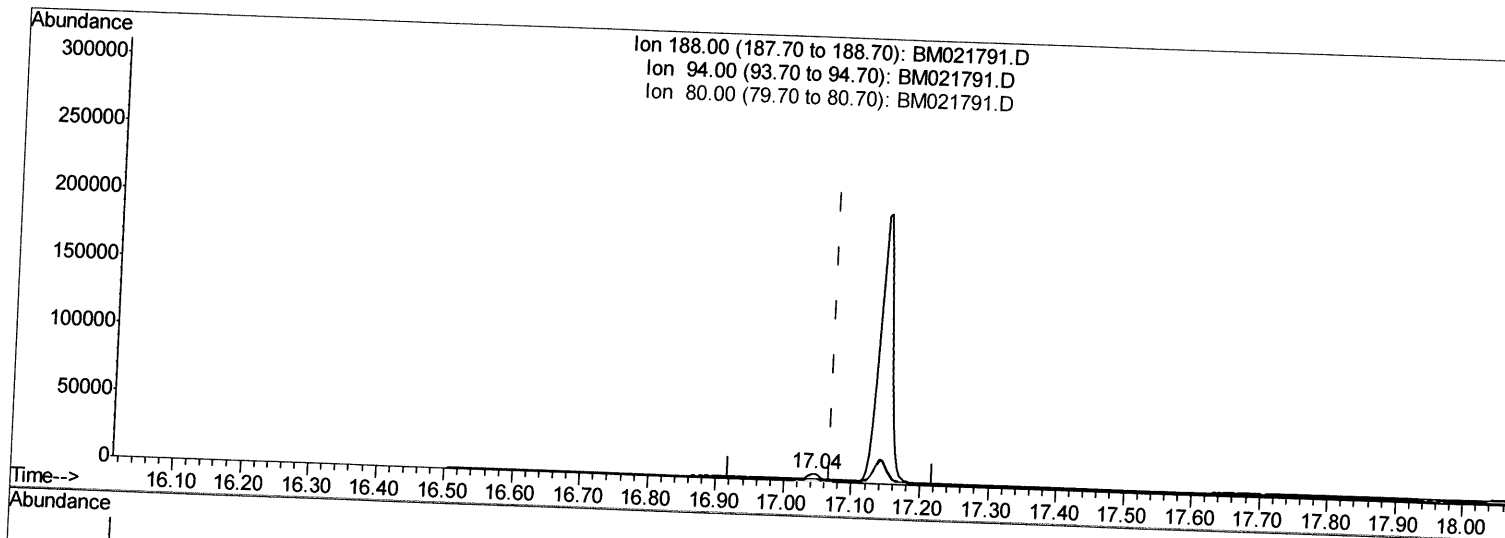
Quant Time: Aug 04 04:27:39 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sun Aug 04 04:24:24 2019

Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.044min (-0.024) 0.40ng/ul m

JU
08/05/19

response 8264

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	33.73#
80.00	11.40	28.27#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\

Quantitation Report (Qedit)

Data File : BM021791.D

Acq On : 04 Aug 2019 02:02

Operator : HP/JU

Sample : K3850-18

Misc :

ALS Vial : 34 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

BENS4

Manual Integrations
APPROVED

mohammad
8/5/2019 10:14:16 PM

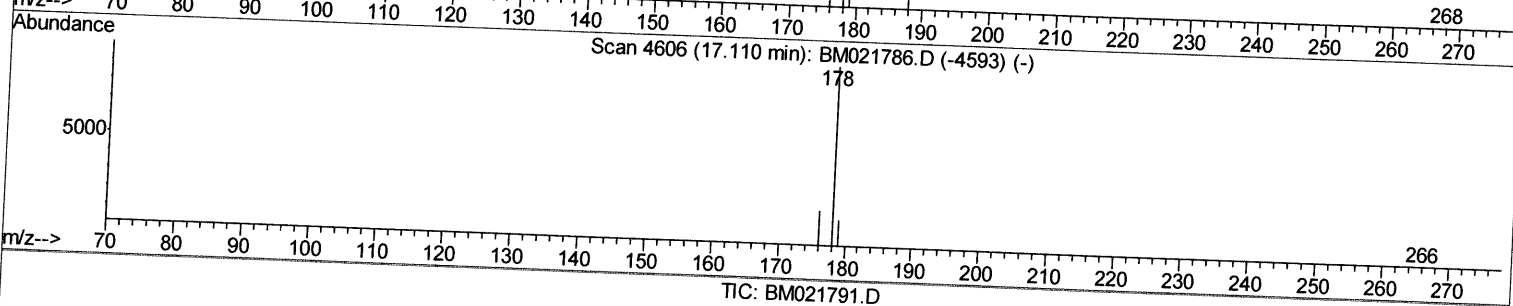
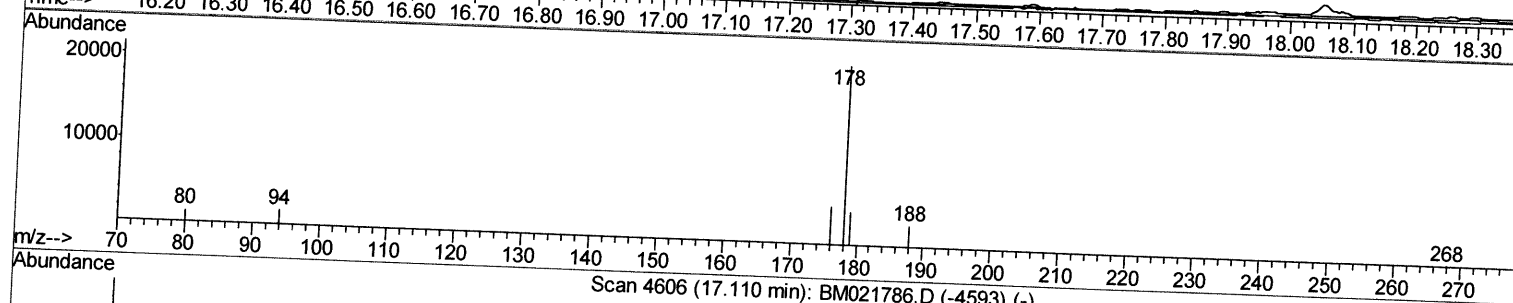
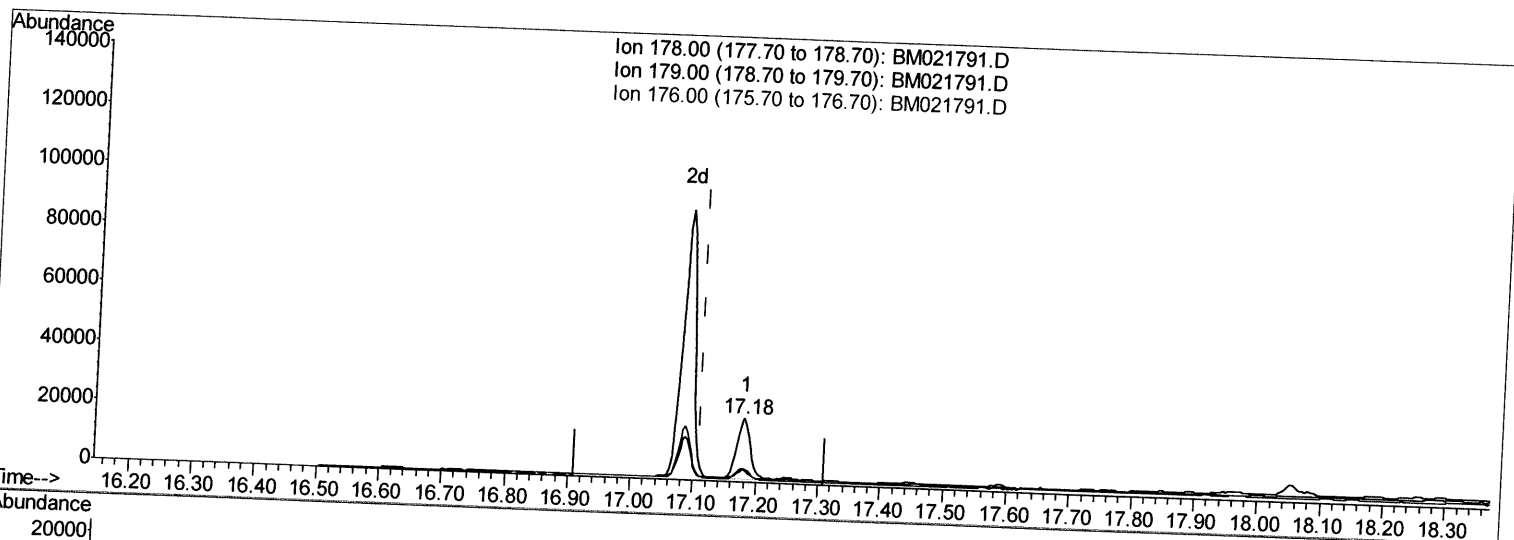
Quant Time: Aug 04 05:01:29 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sun Aug 04 04:24:24 2019

Response via : Initial Calibration



(12) Phenanthrene

17.180min (+0.069) 1.36ng/ul

response 32714

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	18.72
176.00	21.00	21.55
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Quantitation Report (Qedit)

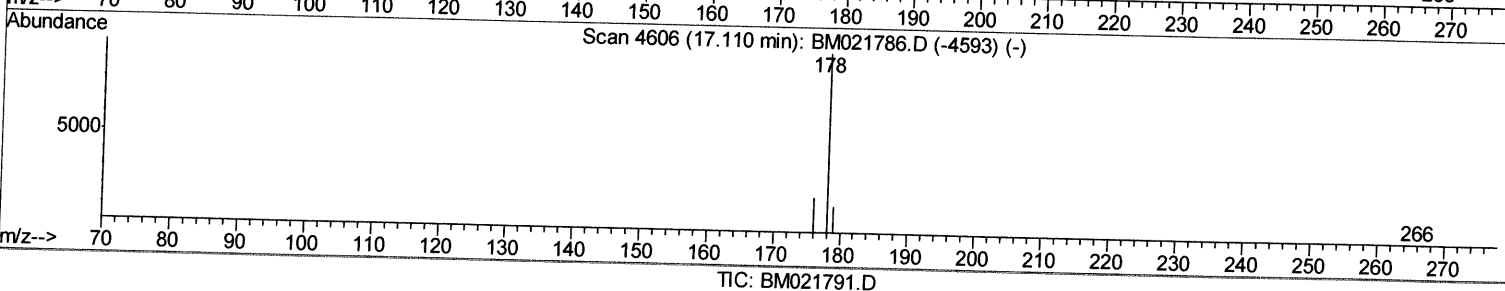
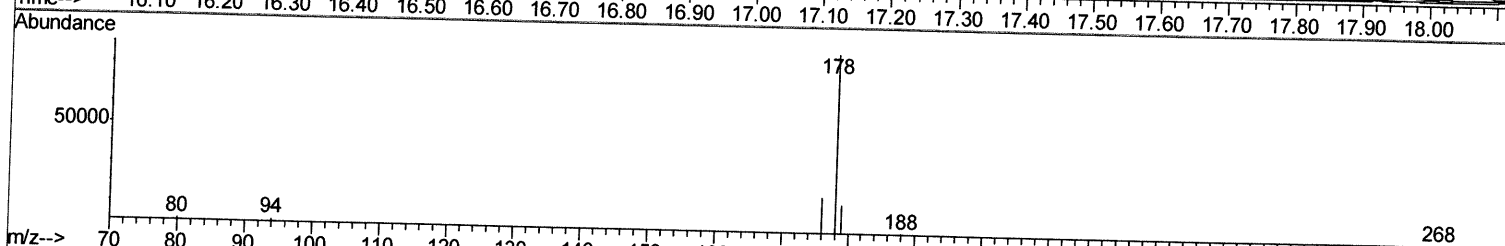
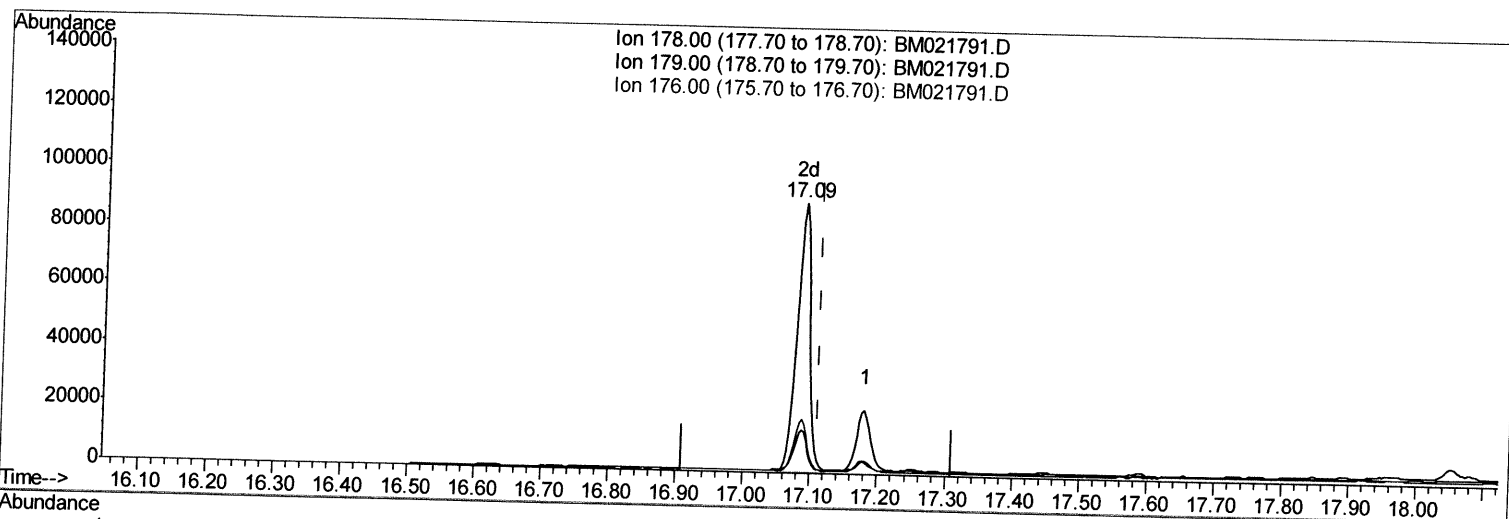
Data File : BM021791.D
Acq On : 04 Aug 2019 02:02
Operator : HP/JU
Sample : K3850-18
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENS4

Manual Integrations
APPROVED

mohammad
8/5/2019 10:14:16 PM

Quant Time: Aug 04 05:01:29 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 : Sun Aug 04 04:24:24 2019
Response via : Initial Calibration



(12) Phenanthrene

17.086min (-0.024) 5.04ng/ul m 05/05/19

response 121301

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	16.03
176.00	21.00	20.09
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Quantitation Report (Qedit)

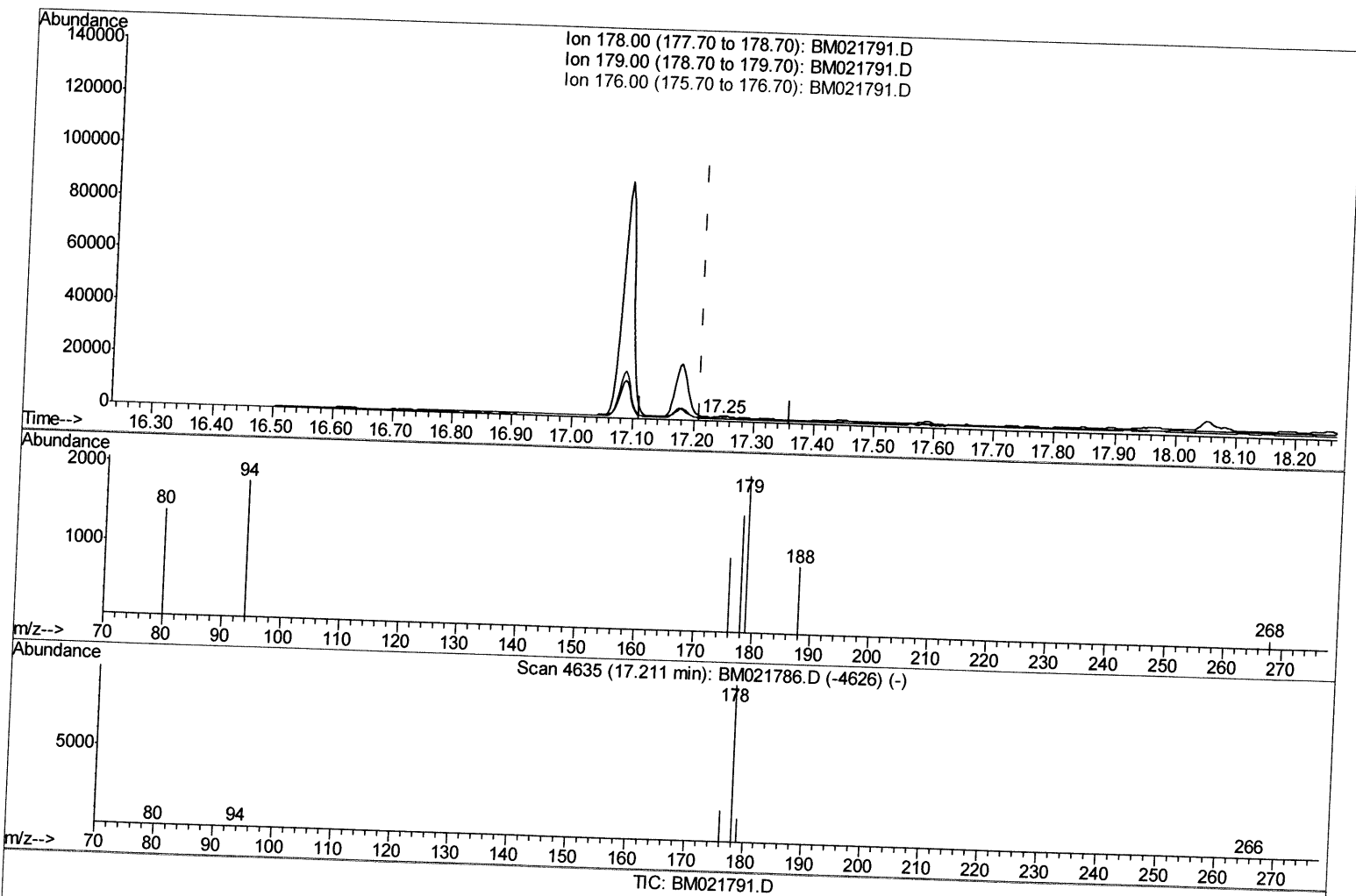
Data File : BM021791.D
Acq On : 04 Aug 2019 02:02
Operator : HP/JU
Sample : K3850-18
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENS4

Manual Integrations
APPROVED

mohammad
8/5/2019 10:14:16 PM

Quant Time: Aug 04 05:01:29 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 : Sun Aug 04 04:24:24 2019
Response via : Initial Calibration



(13) Anthracene

17.246min (+0.035) 0.02ng/ul

response 459

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	132.60#
176.00	20.80	65.13#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\

Quantitation Report (Qedit)

Data File : BM021791.D

Acq On : 04 Aug 2019 02:02

Operator : HP/JU

Sample : K3850-18

Misc :

ALS Vial : 34 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

BENS4

Manual Integrations
APPROVED

mohammad
8/5/2019 10:14:16 PM

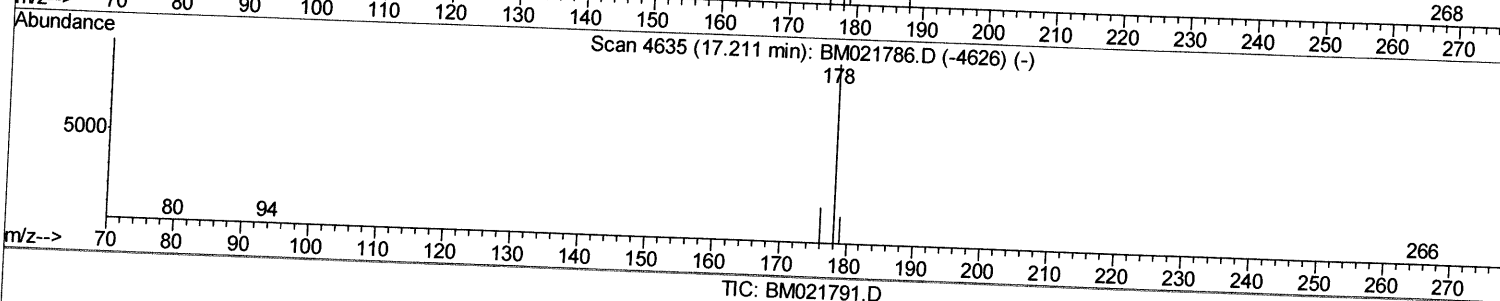
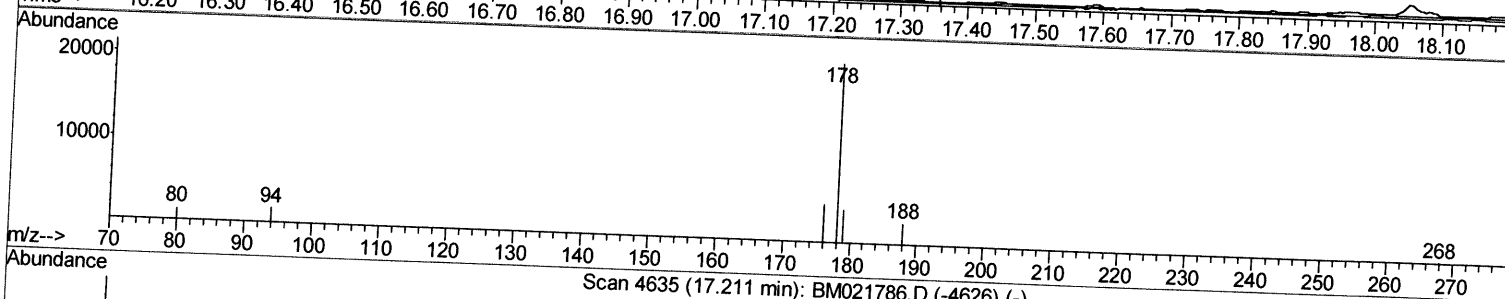
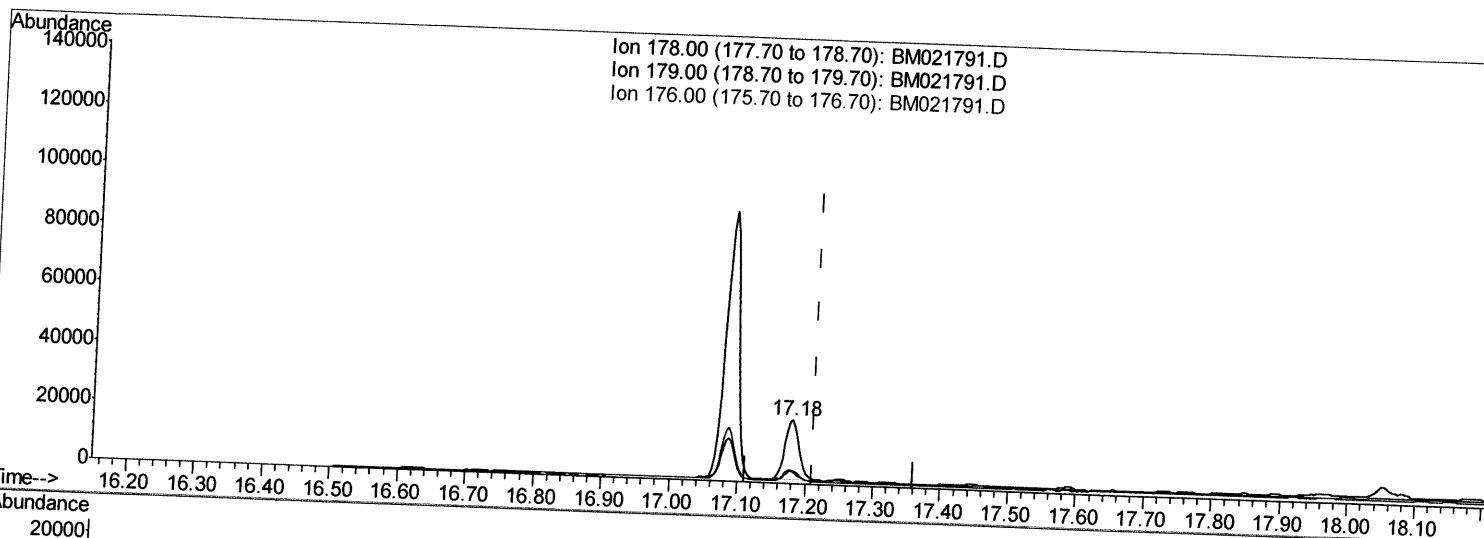
Quant Time: Aug 04 05:01:29 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sun Aug 04 04:24:24 2019

Response via : Initial Calibration



(13) Anthracene

17.180min (-0.031) 1.43ng/ul m 08/05/19

response 29266

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	18.72
176.00	20.80	21.55
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Quantitation Report (Qedit)

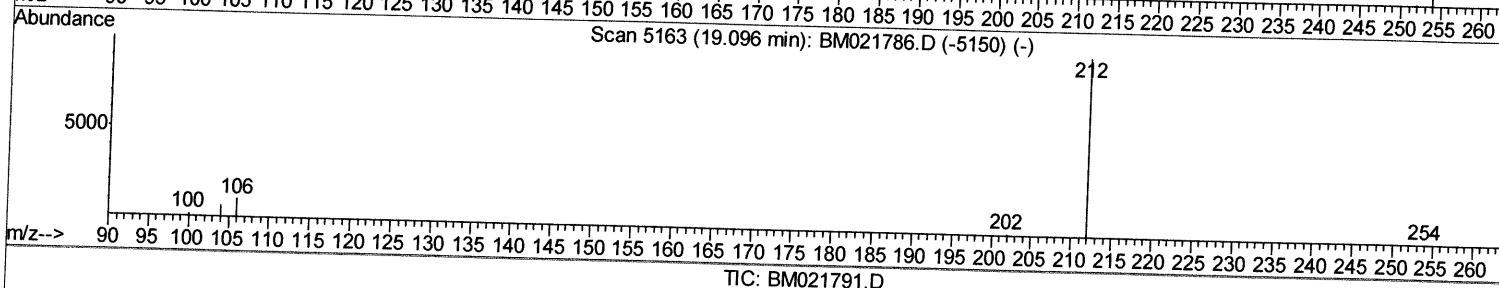
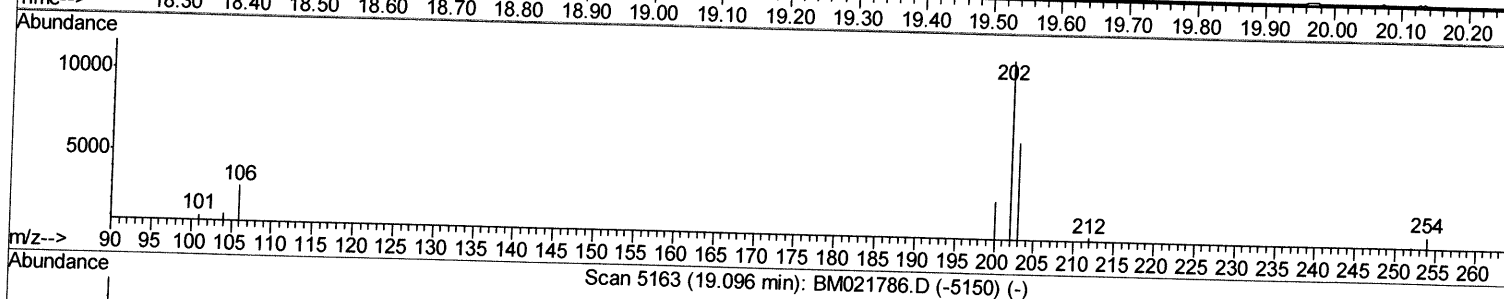
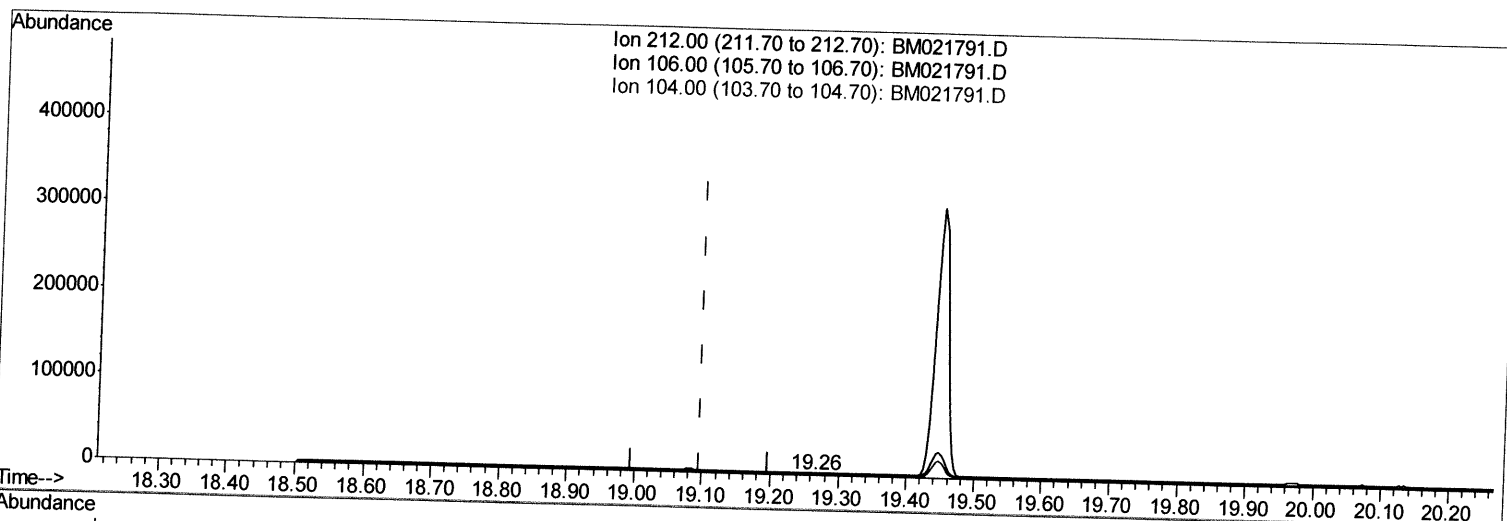
Data File : BM021791.D
Acq On : 04 Aug 2019 02:02
Operator : HP/JU
Sample : K3850-18
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENS4

Manual Integrations
APPROVED

mohammad
8/5/2019 10:14:16 PM

Quant Time: Aug 04 05:01:29 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 : Sun Aug 04 04:24:24 2019
Response via : Initial Calibration



TIC: BM021791.D

(14) Fluoranthene-d10 (SURR)

19.264min (+0.168) 0.01ng/ul

response 207

Ion	Exp%	Act%
212.00	100	100
106.00	9.90	43.96#
104.00	6.00	31.88#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Quantitation Report (Qedit)

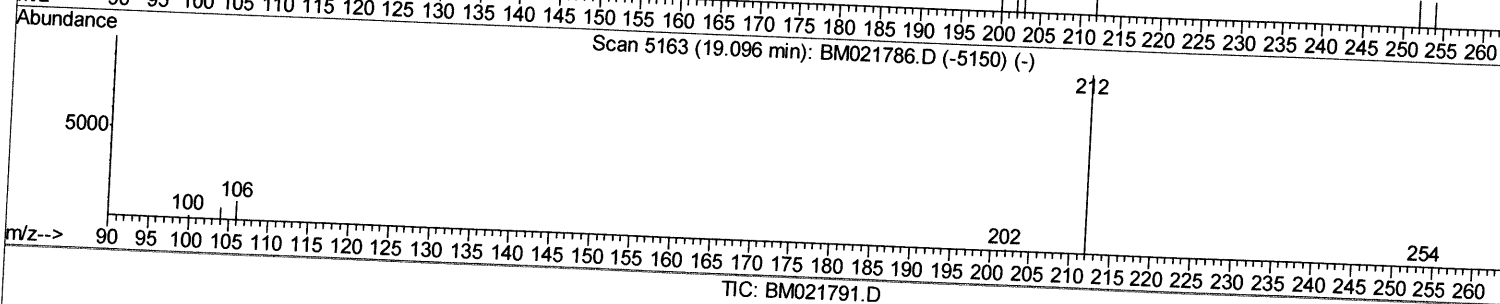
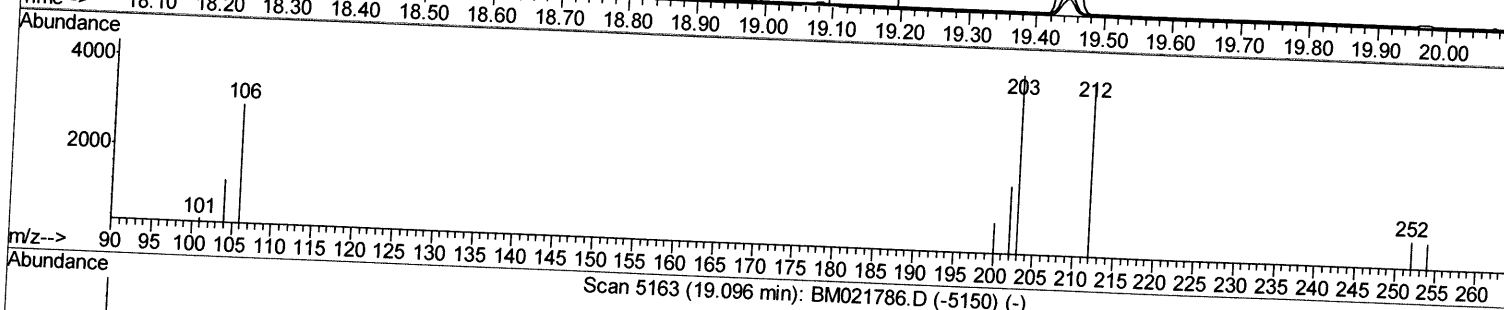
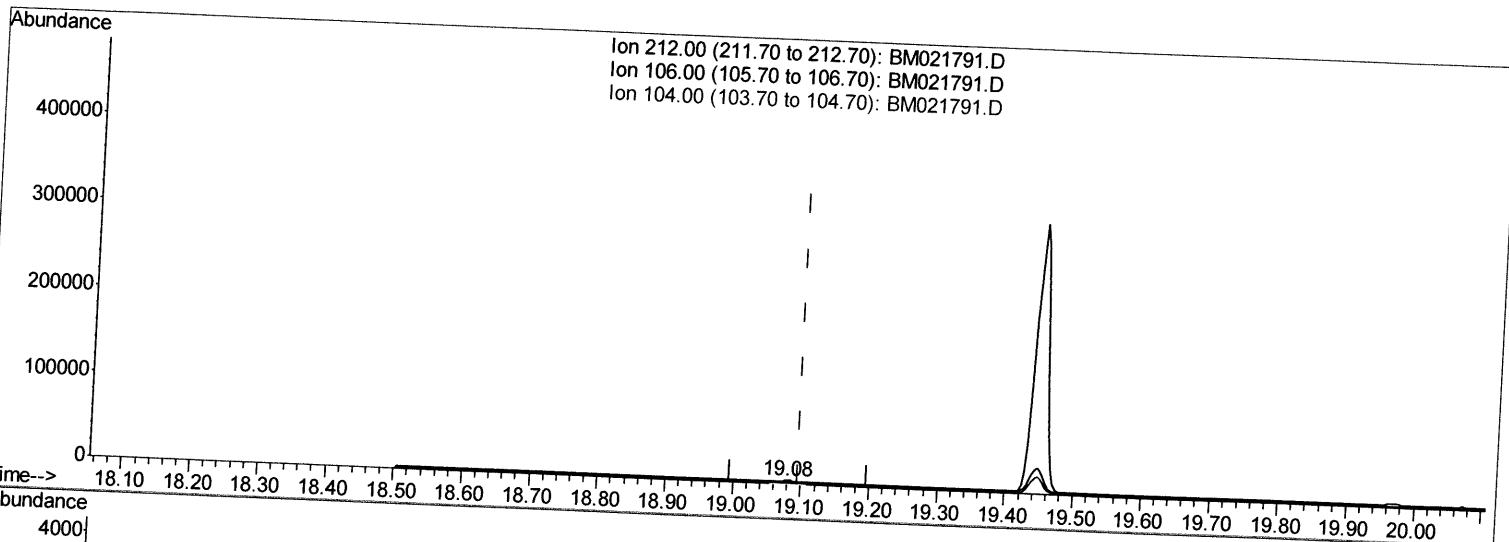
Data File : BM021791.D
Acq On : 04 Aug 2019 02:02
Operator : HP/JU
Sample : K3850-18
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENS4

Manual Integrations
APPROVED

mohammad
8/5/2019 10:14:16 PM

Quant Time: Aug 04 05:01:29 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 : Sun Aug 04 04:24:24 2019
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.077min (-0.019) 0.20ng/ul m

JU
08/05/19

response 5708

Ion	Exp%	Act%
212.00	100	100
106.00	9.90	1.59#
104.00	6.00	1.16#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Quantitation Report (Qedit)

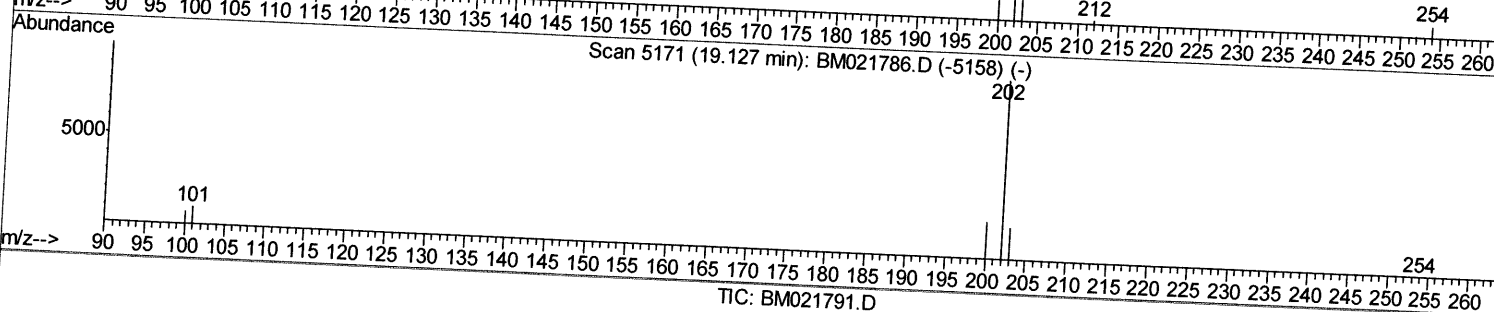
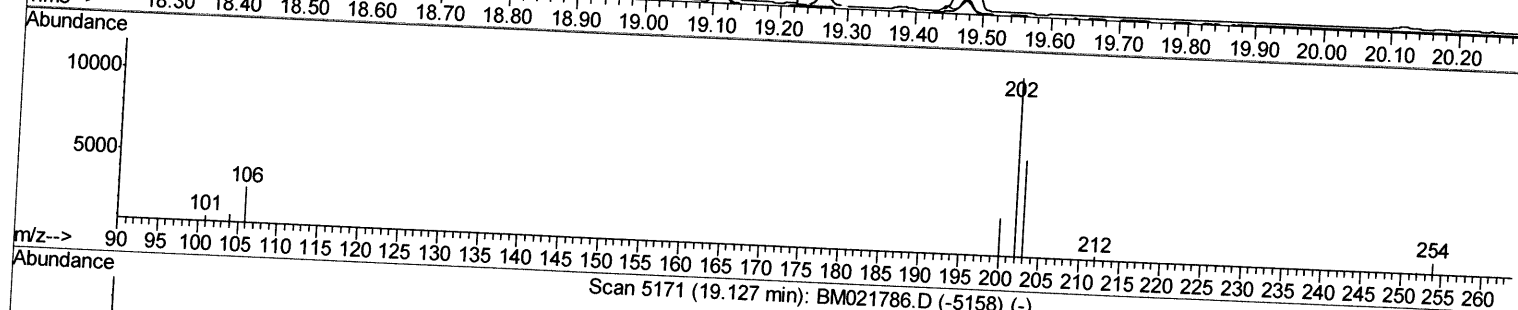
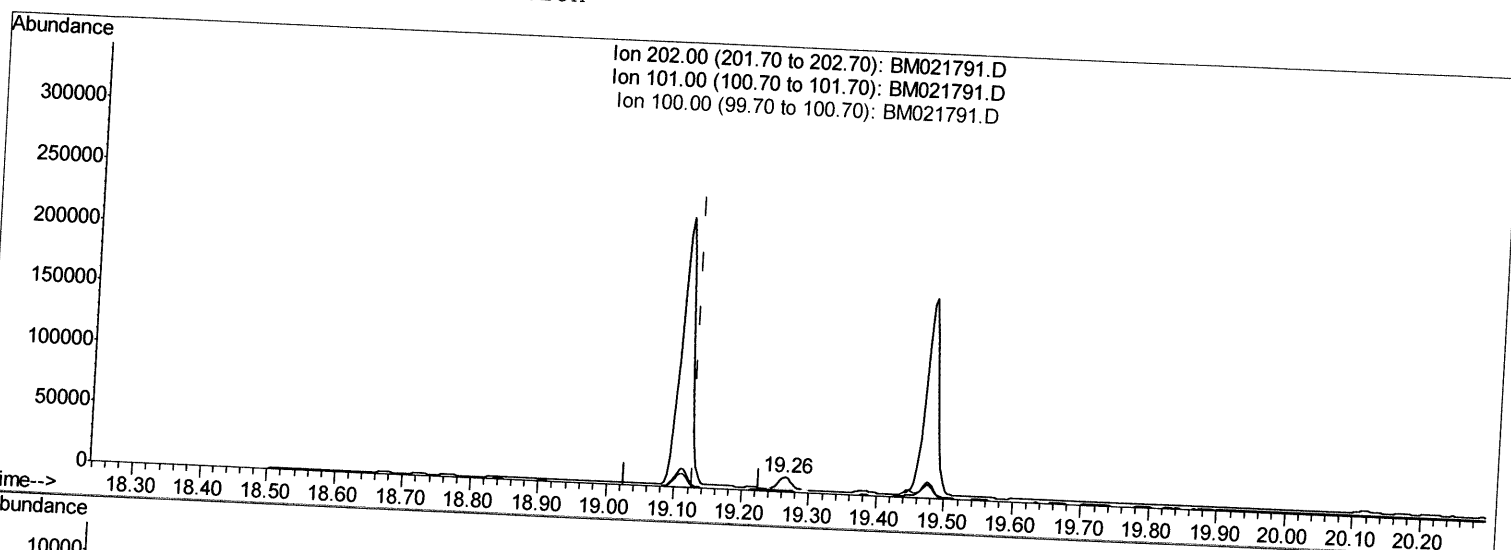
Data File : BM021791.D
Acq On : 04 Aug 2019 02:02
Operator : HP/JU
Sample : K3850-18
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENS4

Manual Integrations
APPROVED

mohammad
8/5/2019 10:14:16 PM

Quant Time: Aug 04 05:01:29 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 : Sun Aug 04 04:24:24 2019
Response via : Initial Calibration



(15) Fluoranthene (C)

19.264min (+0.137) 0.38ng/ul

response 12355

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	9.27
100.00	8.10	6.48
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Quantitation Report (Qedit)

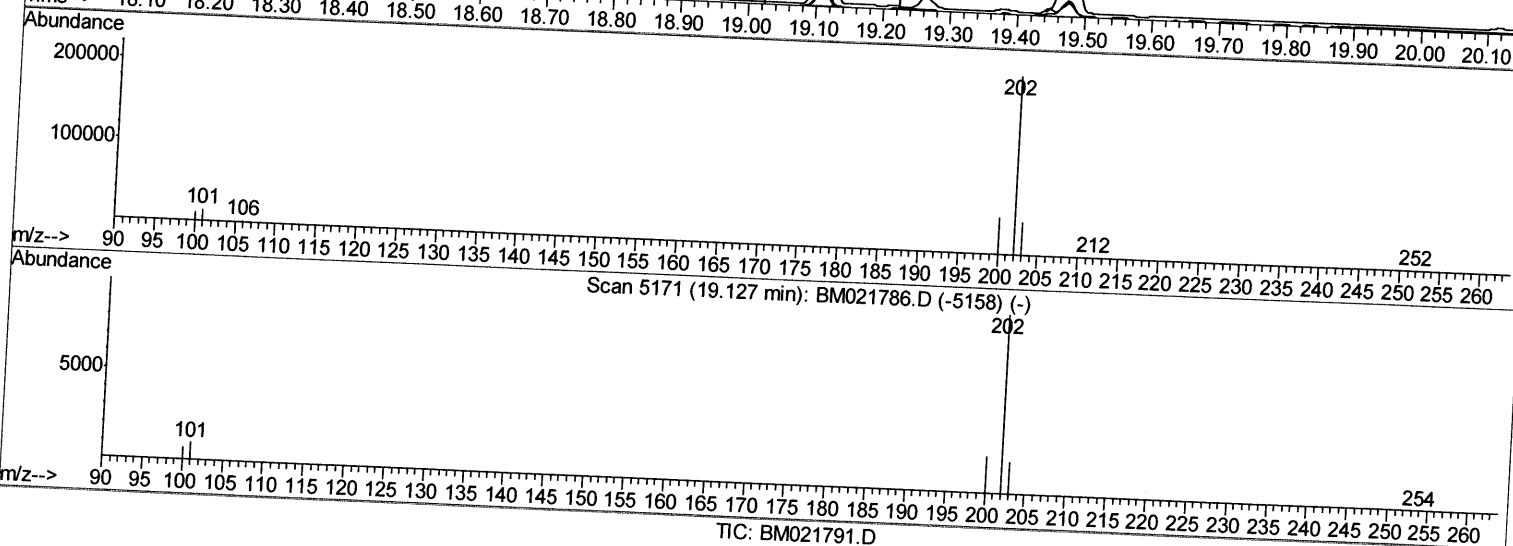
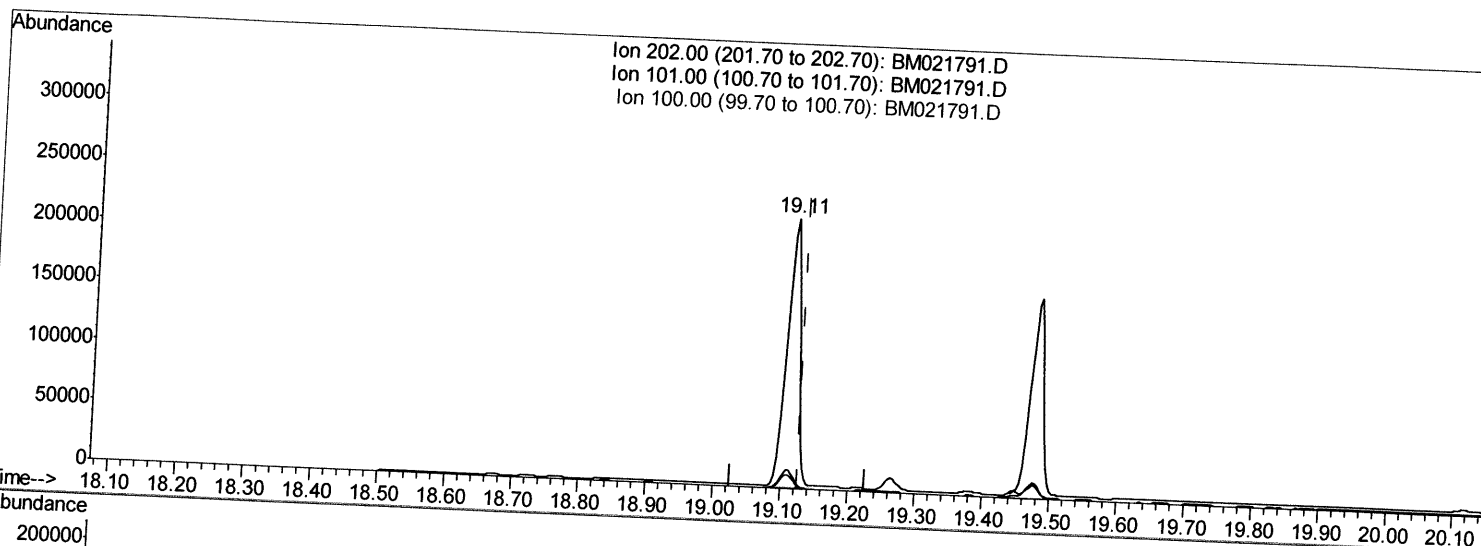
Data File : BM021791.D
Acq On : 04 Aug 2019 02:02
Operator : HP/JU
Sample : K3850-18
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BENS4

Manual Integrations
APPROVED

mohammad
8/5/2019 10:14:16 PM

Quant Time: Aug 04 05:01:29 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 : Sun Aug 04 04:24:24 2019
Response via : Initial Calibration



(15) Fluoranthene (C)

19.112min (-0.015) 8.78ng/ul m *JU 08/05/19*

response 282668

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	6.63
100.00	8.10	5.04
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Quantitation Report (Qedit)

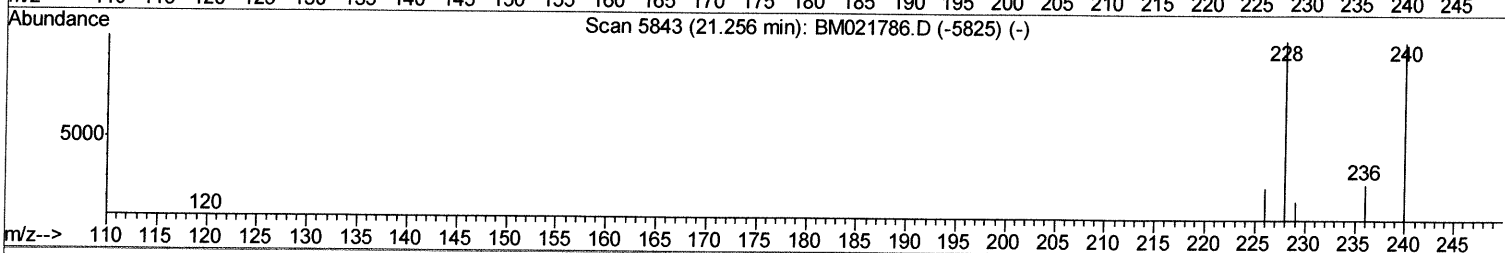
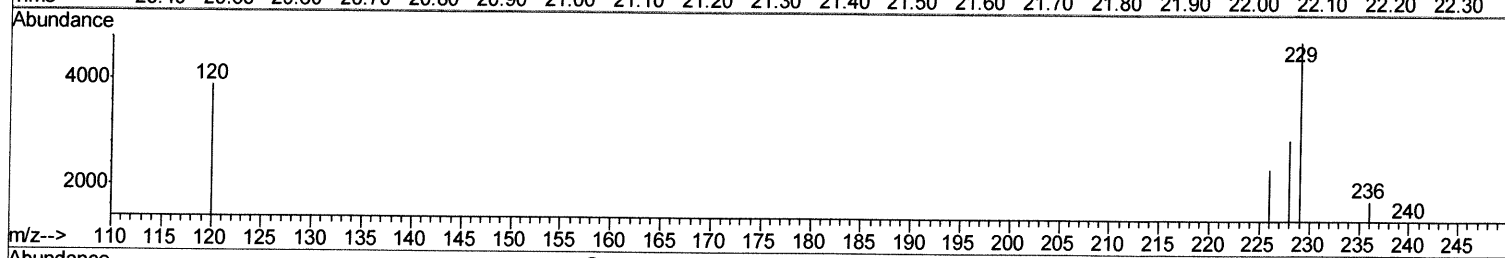
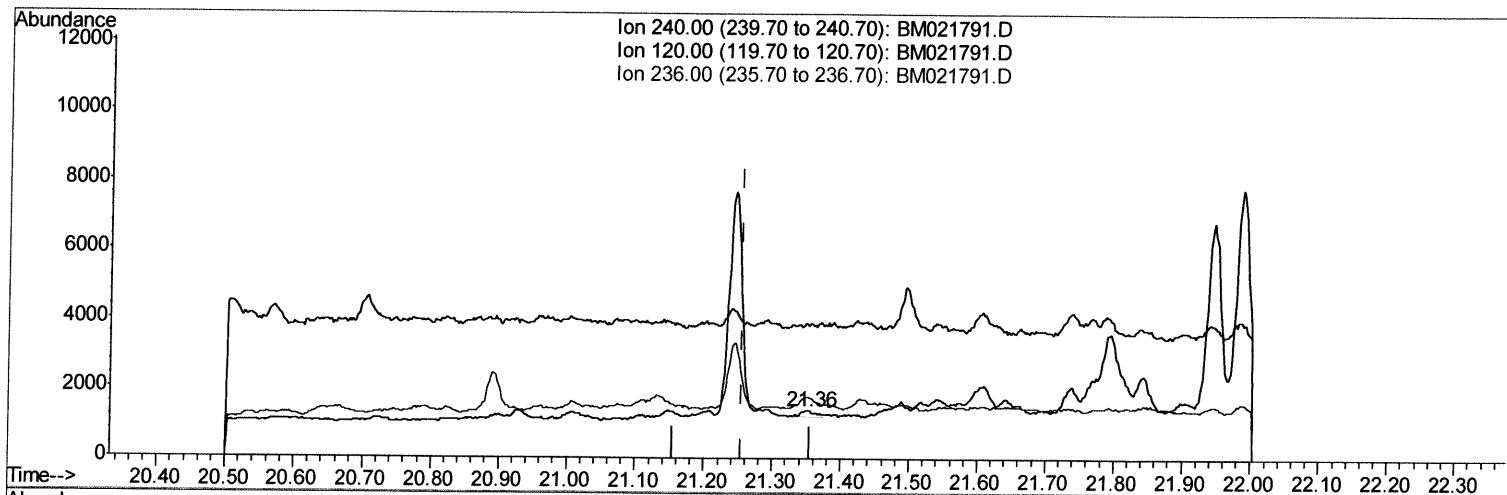
Data File : BM021791.D
Acq On : 04 Aug 2019 02:02
Operator : HP/JU
Sample : K3850-18
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENS4

Manual Integrations
APPROVED

mohammad
8/5/2019 10:14:16 PM

Quant Time: Aug 04 05:01:29 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 : Sun Aug 04 04:24:24 2019
Response via : Initial Calibration



TIC: BM021791.D

(16) Chrysene-d12 (I)

21.355min (+0.099) 0.40ng/ul

response 334

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	282.44#
236.00	32.30	126.56#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Quantitation Report (Qedit)

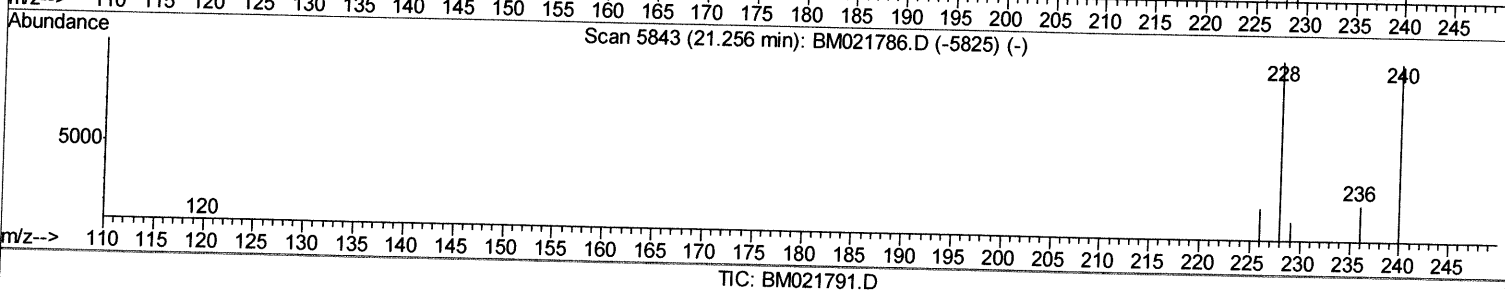
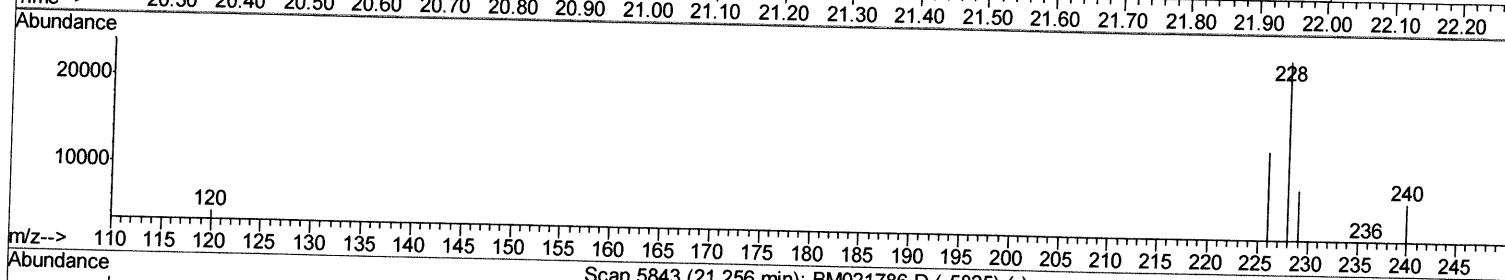
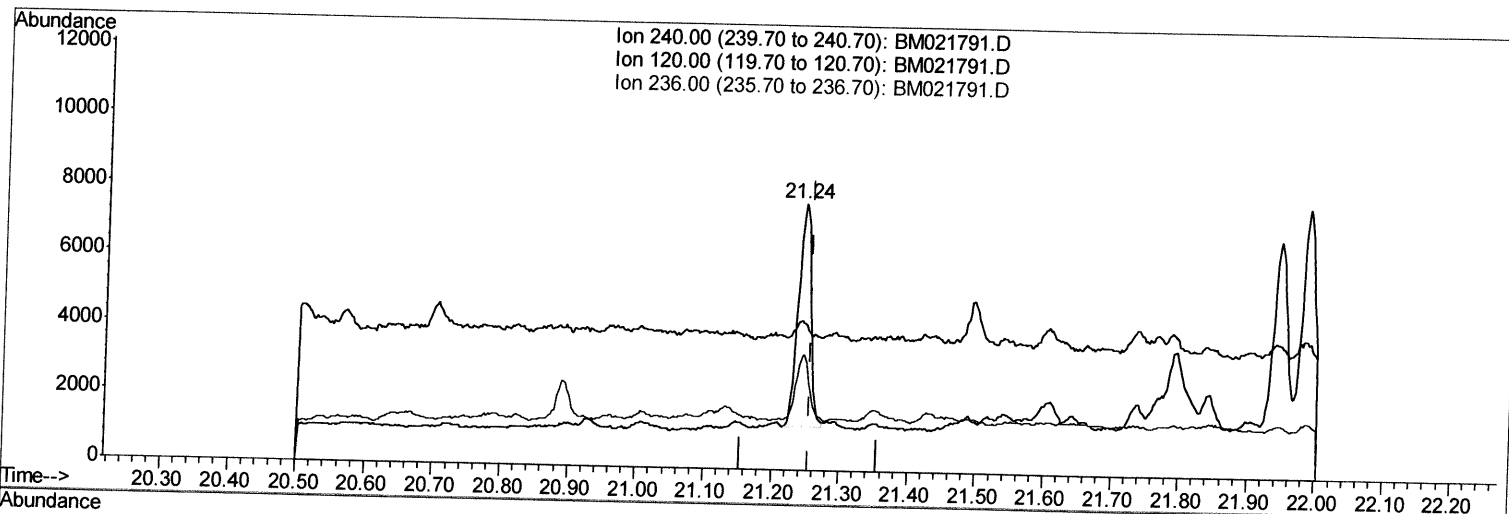
Data File : BM021791.D
Acq On : 04 Aug 2019 02:02
Operator : HP/JU
Sample : K3850-18
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BENS4

Manual Integrations
APPROVED

mohammad
8/5/2019 10:14:16 PM

Quant Time: Aug 04 05:01:29 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 : Sun Aug 04 04:24:24 2019
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.244min (-0.012) 0.40ng/ul m

JU
08/05/19

response 8360

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	55.45#
236.00	32.30	43.14#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Quantitation Report (Qedit)

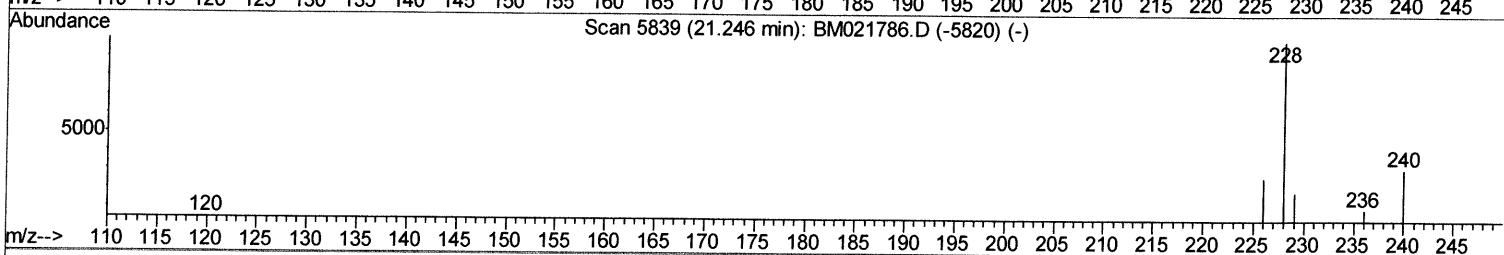
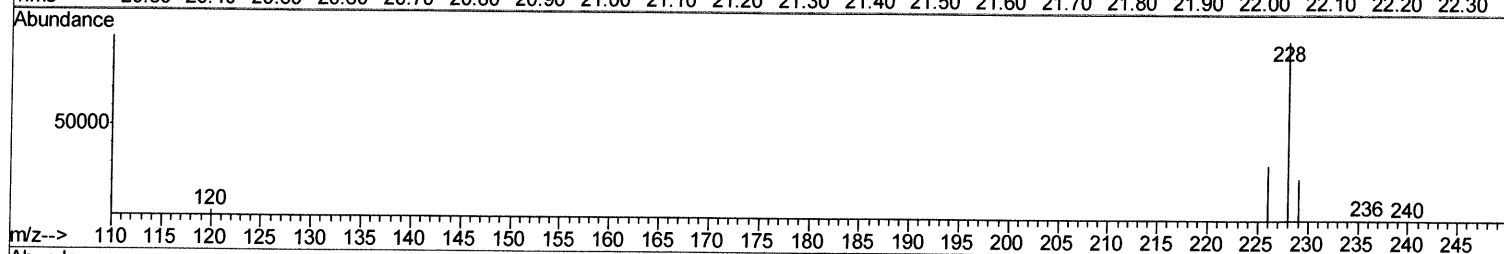
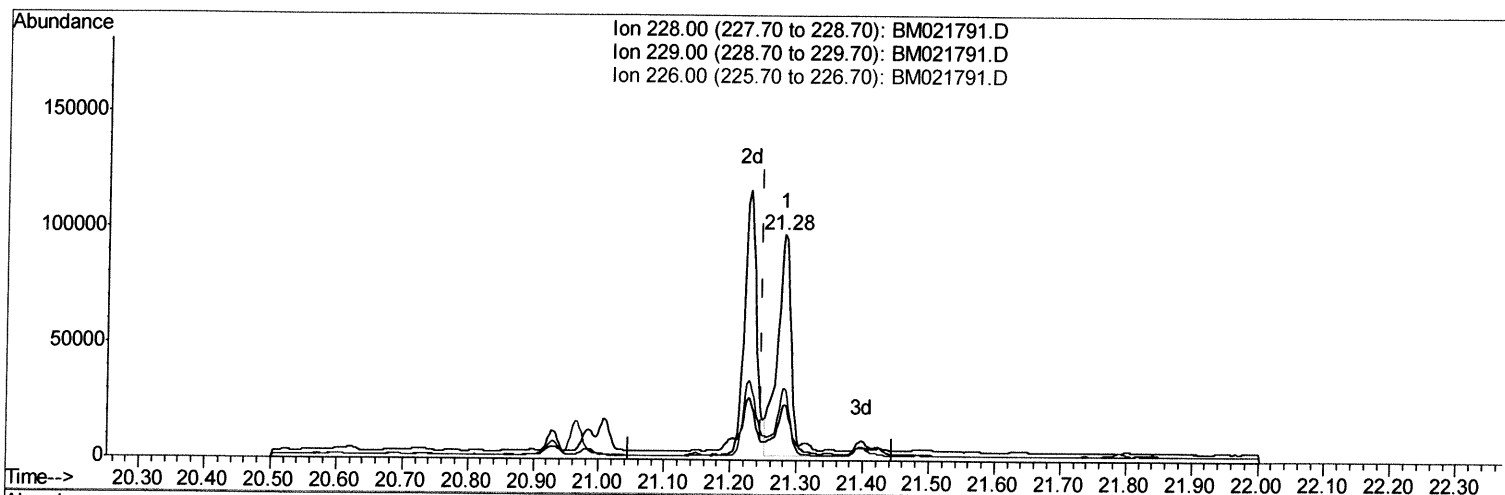
Data File : BM021791.D
Acq On : 04 Aug 2019 02:02
Operator : HP/JU
Sample : K3850-18
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BENS4

Manual Integrations
APPROVED

mohammad
8/5/2019 10:14:16 PM

Quant Time: Aug 04 05:02:50 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 : Sun Aug 04 04:24:24 2019
Response via : Initial Calibration



TIC: BM021791.D

(18) Benzo(a)anthracene

21.280min (+0.034) 4.64ng/ul

response 138619

Ion	Exp%	Act%
228.00	100	100
229.00	21.50	24.37
226.00	28.30	31.91
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Quantitation Report (Qedit)

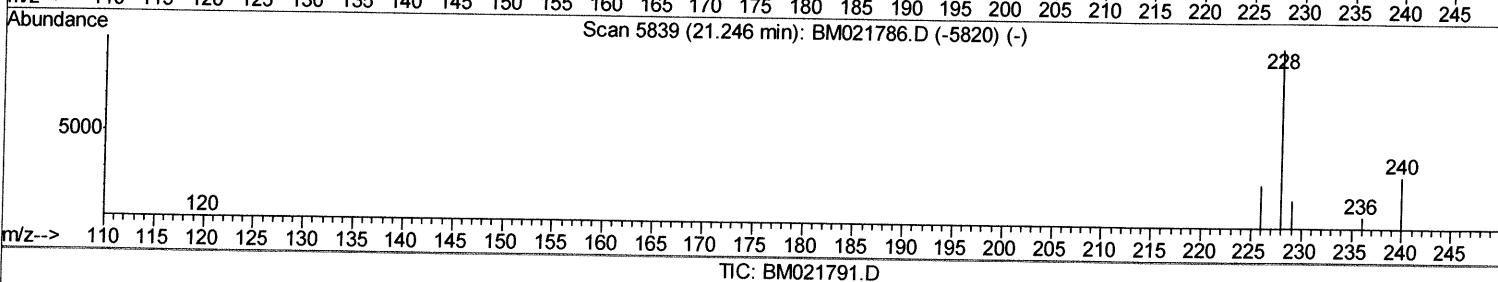
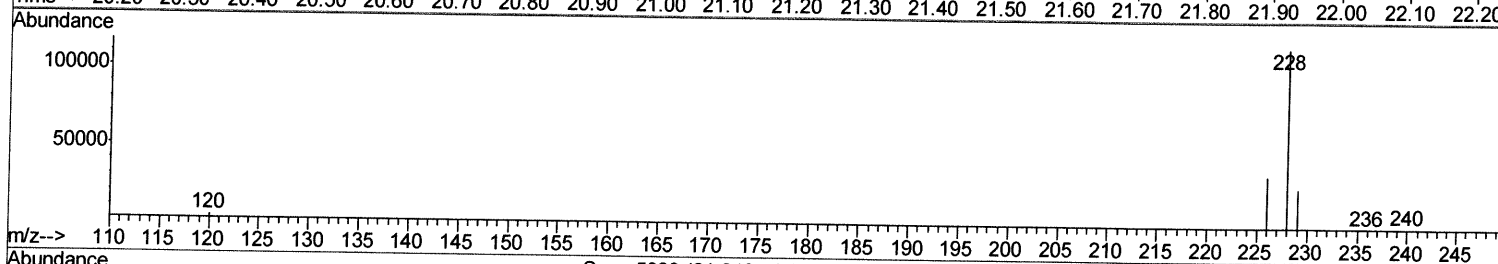
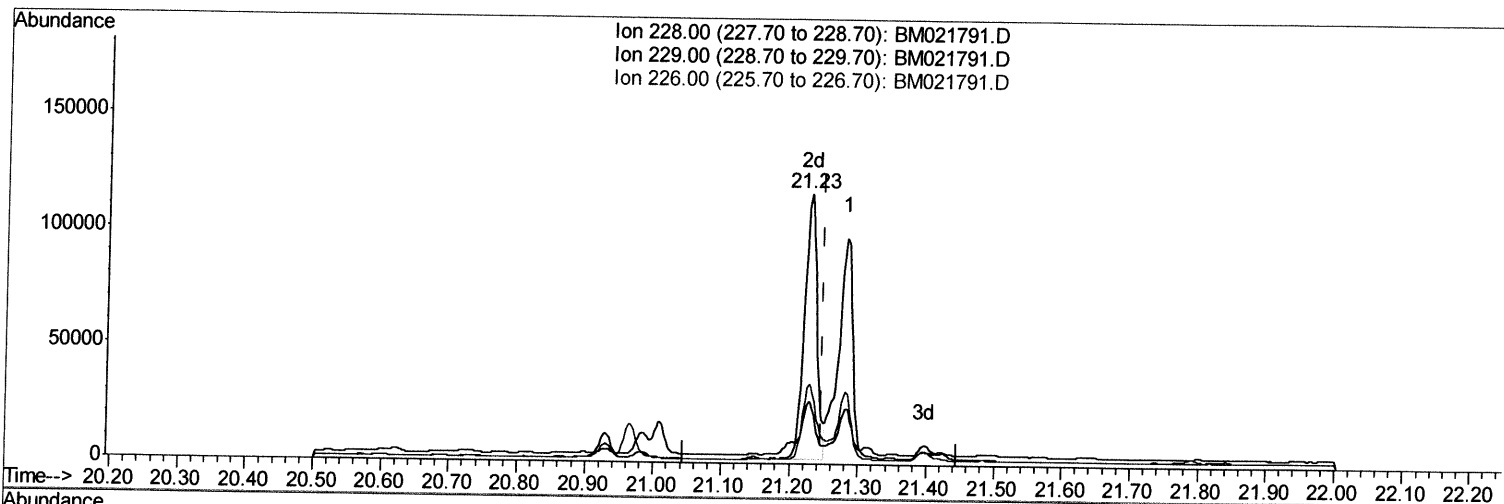
Data File : BM021791.D
Acq On : 04 Aug 2019 02:02
Operator : HP/JU
Sample : K3850-18
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENS4

Manual Integrations
APPROVED

mohammad
8/5/2019 10:14:16 PM

Quant Time: Aug 04 05:02:50 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 : Sun Aug 04 04:24:24 2019
Response via : Initial Calibration



(18) Benzo(a)anthracene

21.227min (-0.019) 4.77ng/ul m *JU 08/05/19*

response 142744

Ion	Exp%	Act%
228.00	100	100
229.00	21.50	23.03
226.00	28.30	29.65
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Quantitation Report (Qedit)

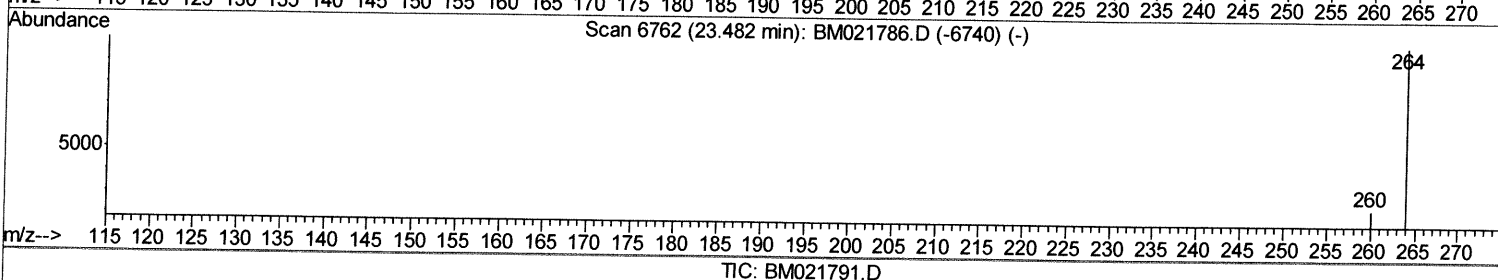
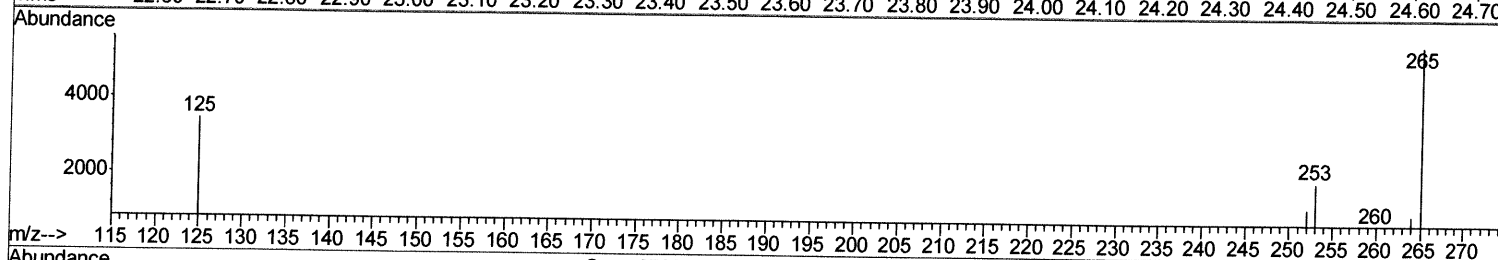
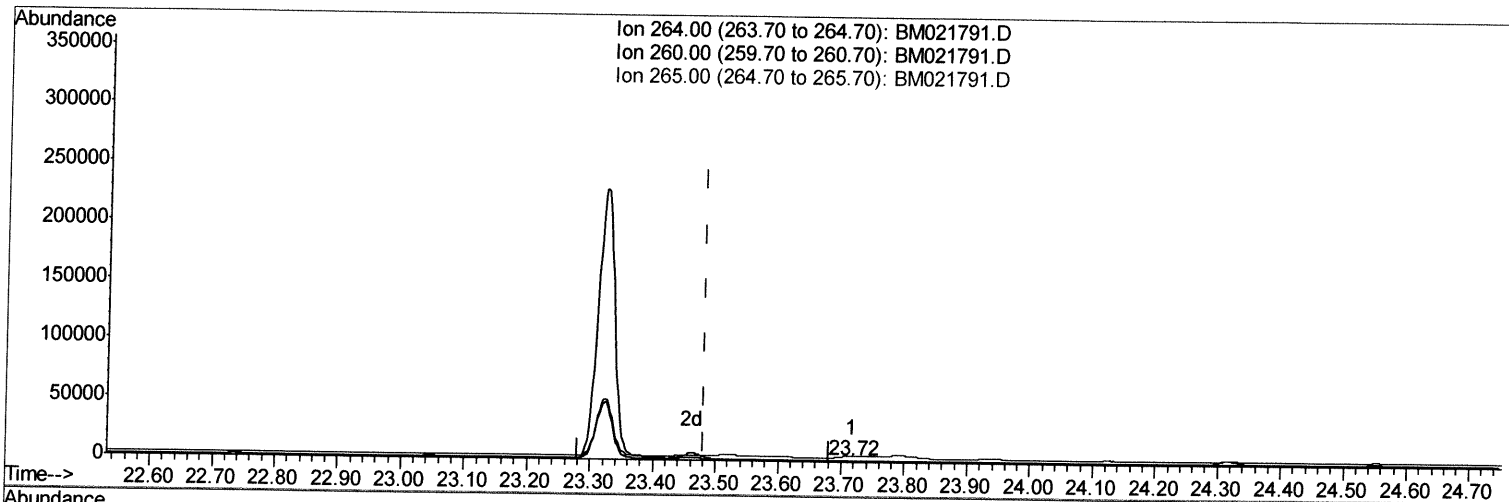
Data File : BM021791.D
Acq On : 04 Aug 2019 02:02
Operator : HP/JU
Sample : K3850-18
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENS4

Manual Integrations
APPROVED

mohammad
8/5/2019 10:14:16 PM

Quant Time: Aug 04 05:02:50 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 : Sun Aug 04 04:24:24 2019
Response via : Initial Calibration



TIC: BM021791.D

(20) Perylene-d12 (I)

23.717min (+0.235) 0.40ng/ul

response 967

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	76.18#
265.00	117.00	519.74#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Quantitation Report (Qedit)

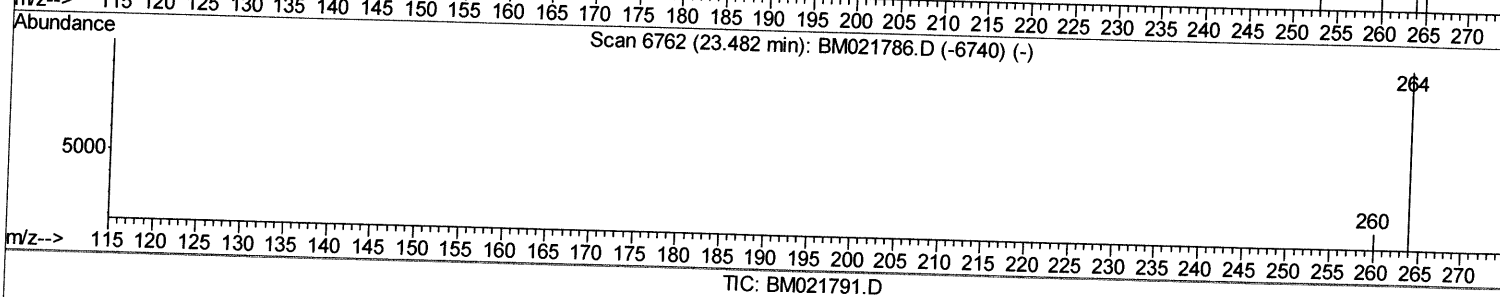
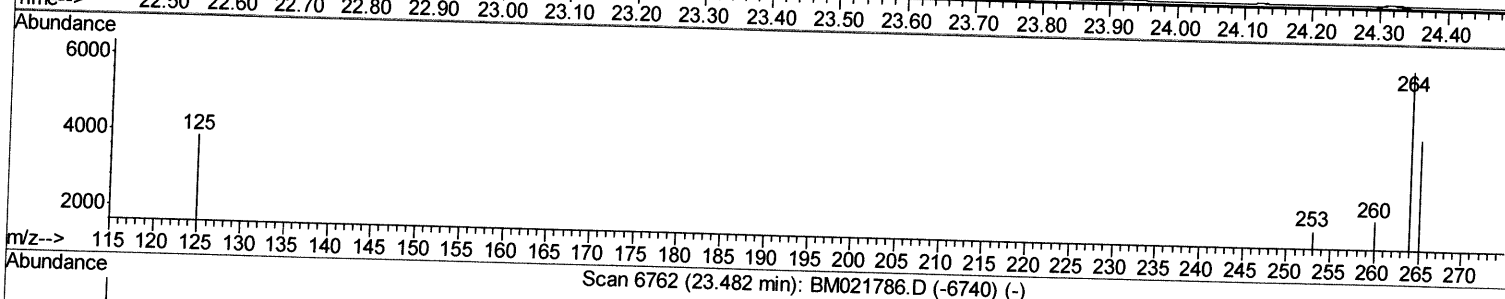
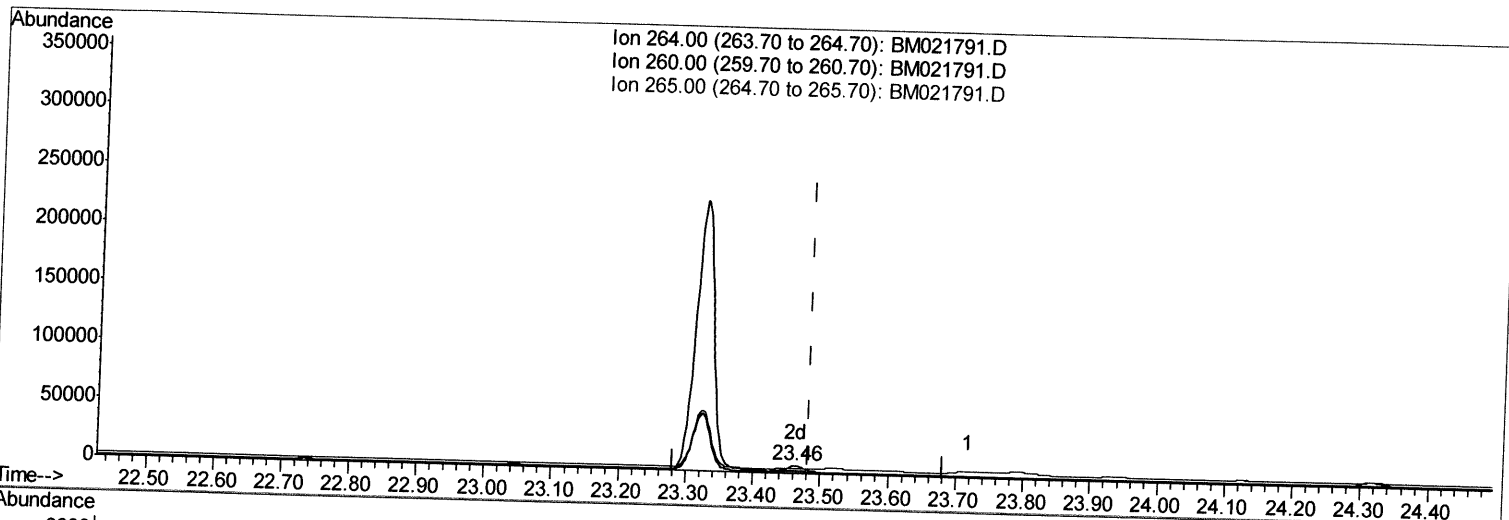
Data File : BM021791.D
Acq On : 04 Aug 2019 02:02
Operator : HP/JU
Sample : K3850-18
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENS4

Manual Integrations
APPROVED

mohammad
8/5/2019 10:14:16 PM

Quant Time: Aug 04 05:02:50 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 : Sun Aug 04 04:24:24 2019
Response via : Initial Calibration



(20) Perylene-d12 (I)

23.462min (-0.019) 0.40ng/ul m *JU* 08/05/19

response 9486

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	36.95#
265.00	117.00	71.50#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Quantitation Report (Qedit)

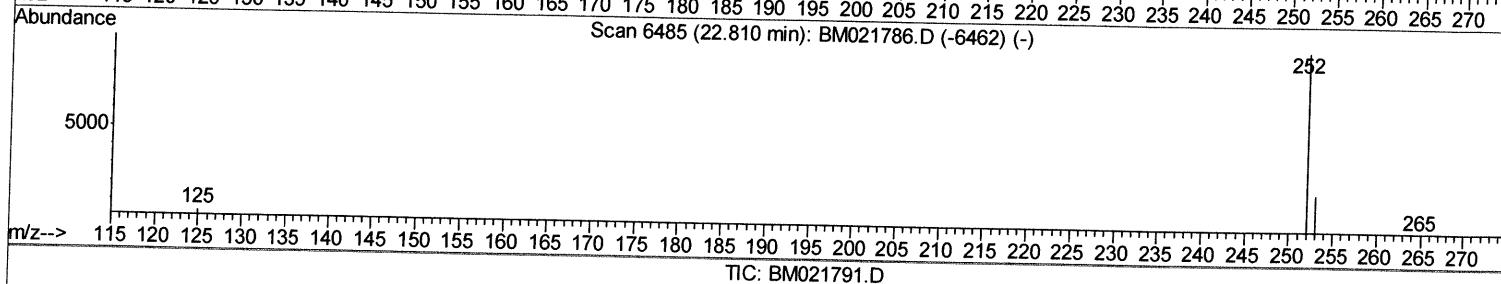
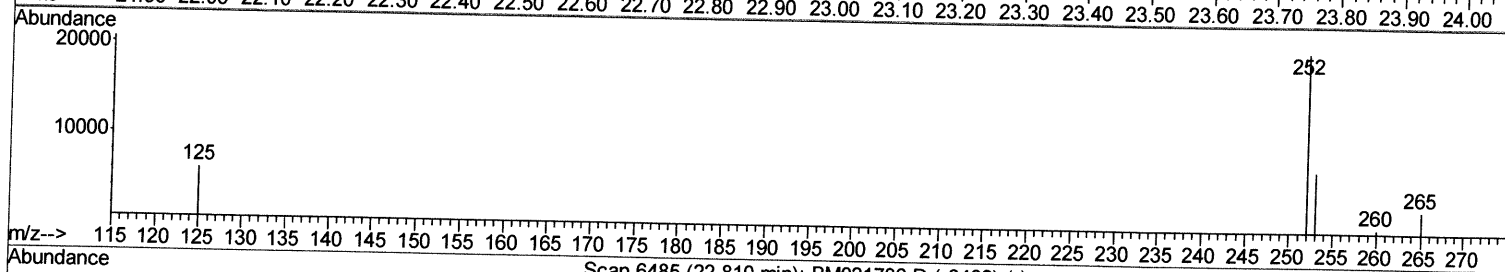
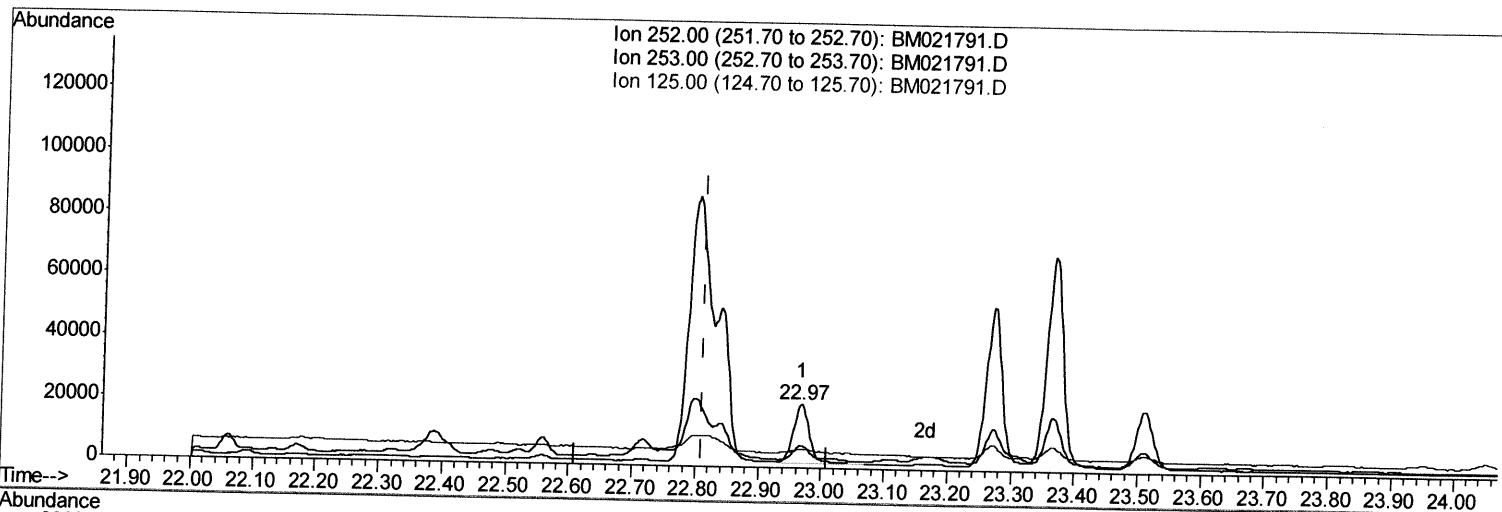
Data File : BM021791.D
Acq On : 04 Aug 2019 02:02
Operator : HP/JU
Sample : K3850-18
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENS4

Manual Integrations
APPROVED

mohammad
8/5/2019 10:14:16 PM

Quant Time: Aug 04 05:03:38 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 : Sun Aug 04 04:24:24 2019
Response via : Initial Calibration



(21) Benzo(b)fluoranthene
22.968min (+0.157) 1.06ng/ul
response 34062

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	35.67
125.00	15.50	29.72
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Quantitation Report (Qedit)

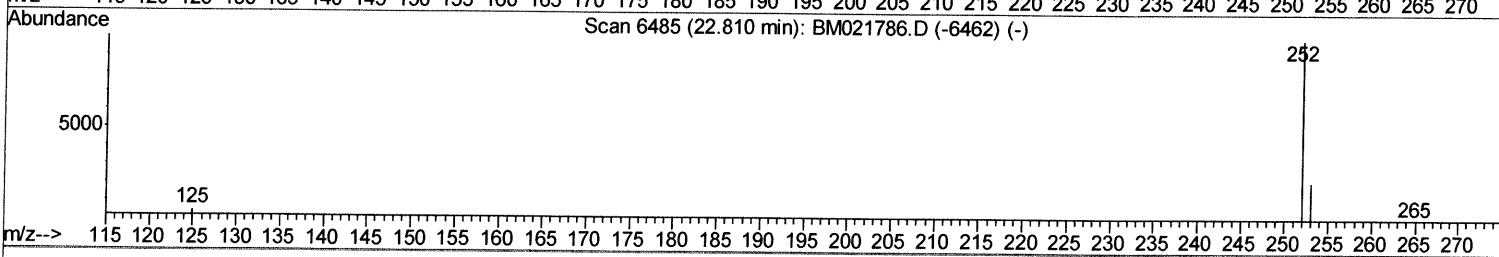
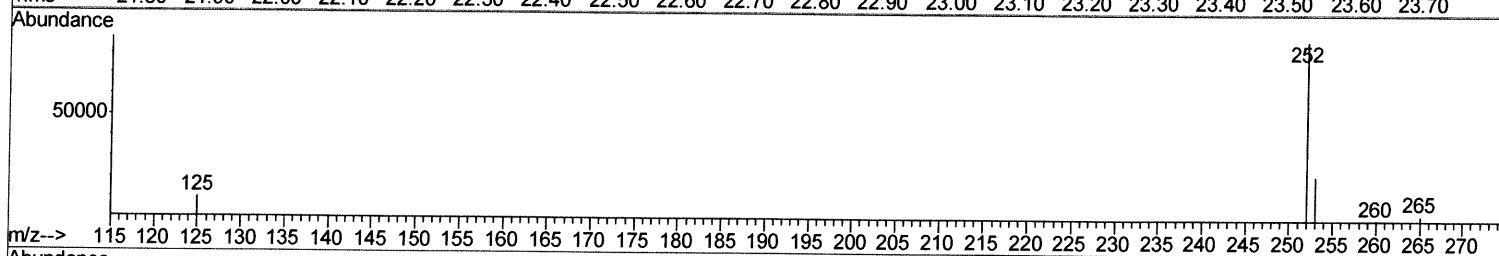
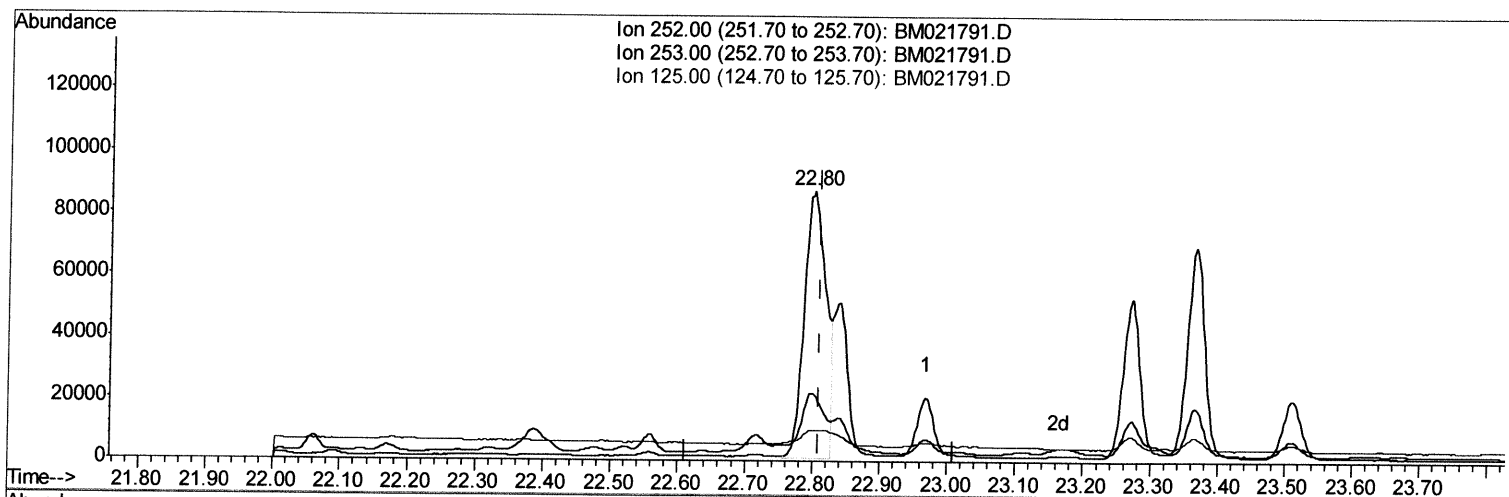
Data File : BM021791.D
Acq On : 04 Aug 2019 02:02
Operator : HP/JU
Sample : K3850-18
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENS4

Manual Integrations
APPROVED

mohammad
8/5/2019 10:14:16 PM

Quant Time: Aug 04 05:03:38 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 : Sun Aug 04 04:24:24 2019
Response via : Initial Calibration



TIC: BM021791.D

(21) Benzo(b)fluoranthene

22.801min (-0.010) 5.99ng/ul m

JU
08/05/19

response 191628

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	25.21
125.00	15.50	11.53
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Quantitation Report (Qedit)

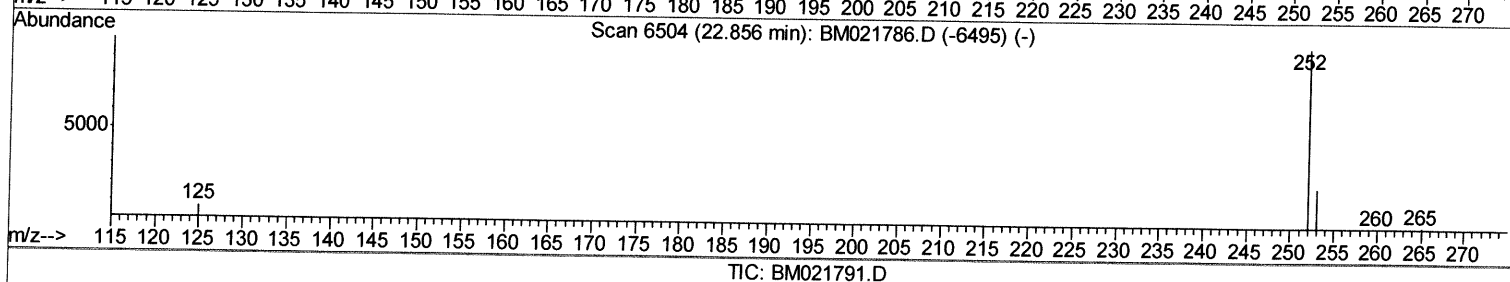
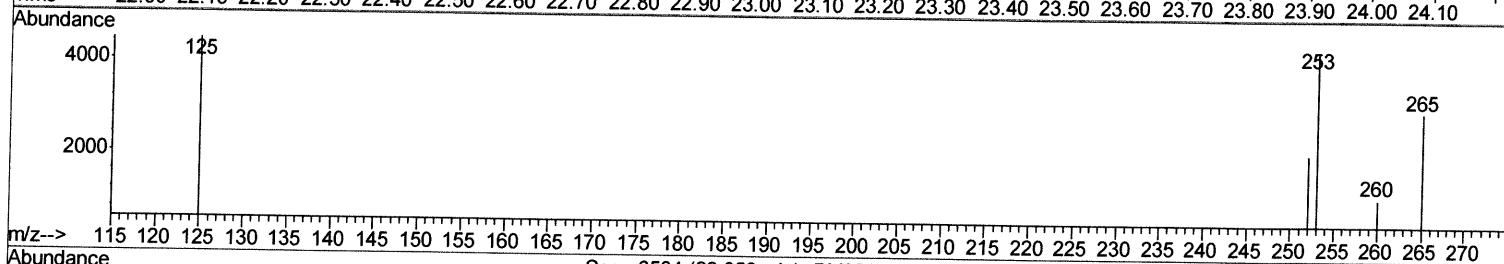
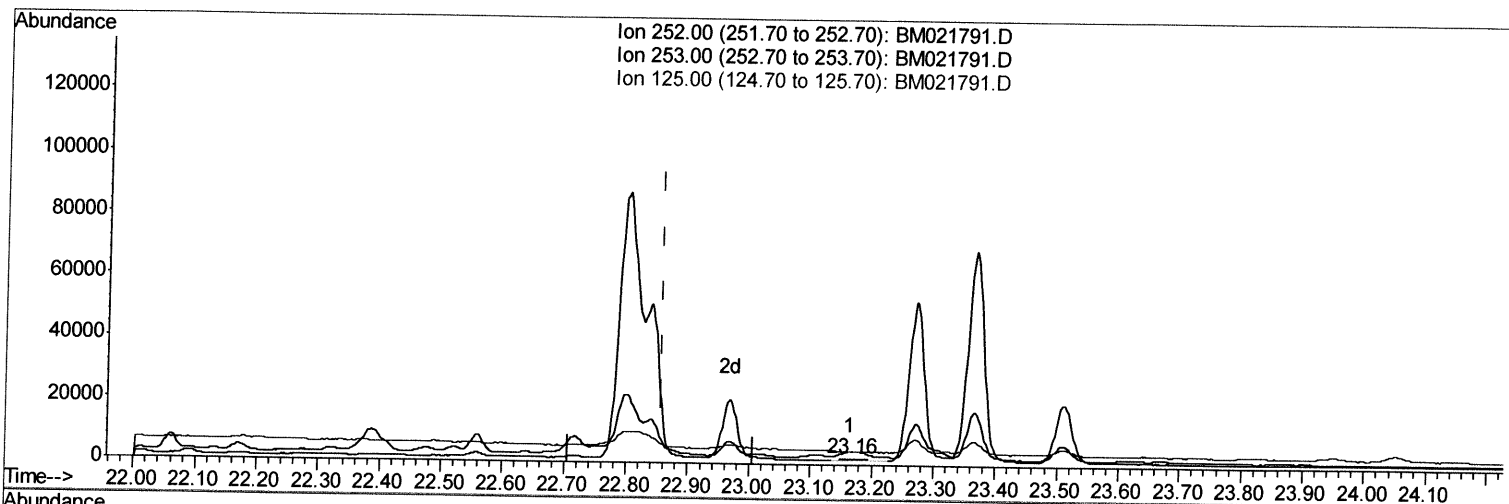
Data File : BM021791.D
Acq On : 04 Aug 2019 02:02
Operator : HP/JU
Sample : K3850-18
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENS4

Manual Integrations
APPROVED

mohammad
8/5/2019 10:14:16 PM

Quant Time: Aug 04 05:03:38 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 : Sun Aug 04 04:24:24 2019
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

23.164min (+0.308) 0.06ng/ul

response 2049

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	206.55#
125.00	15.20	211.92#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\

Quantitation Report (Qedit)

Data File : BM021791.D

Acq On : 04 Aug 2019 02:02

Operator : HP/JU

Sample : K3850-18

Misc :

ALS Vial : 34 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

BENS4

Manual Integrations
APPROVED

mohammad
8/5/2019 10:14:16 PM

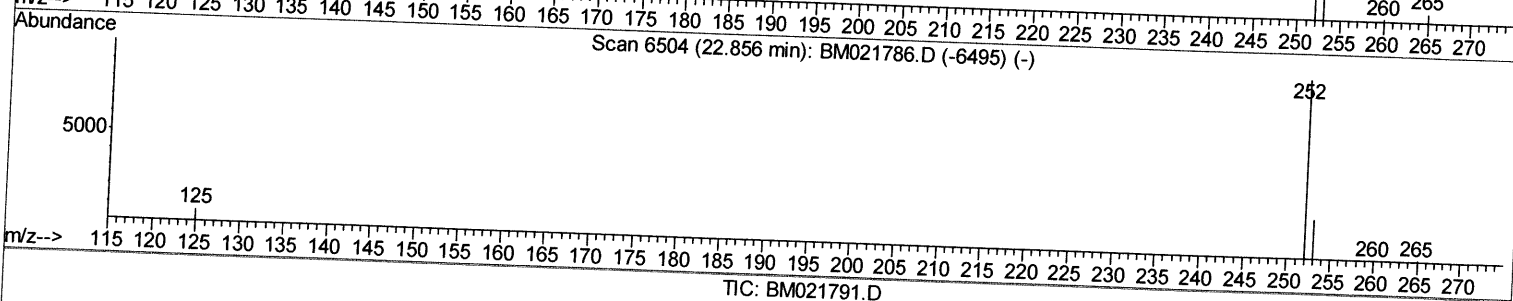
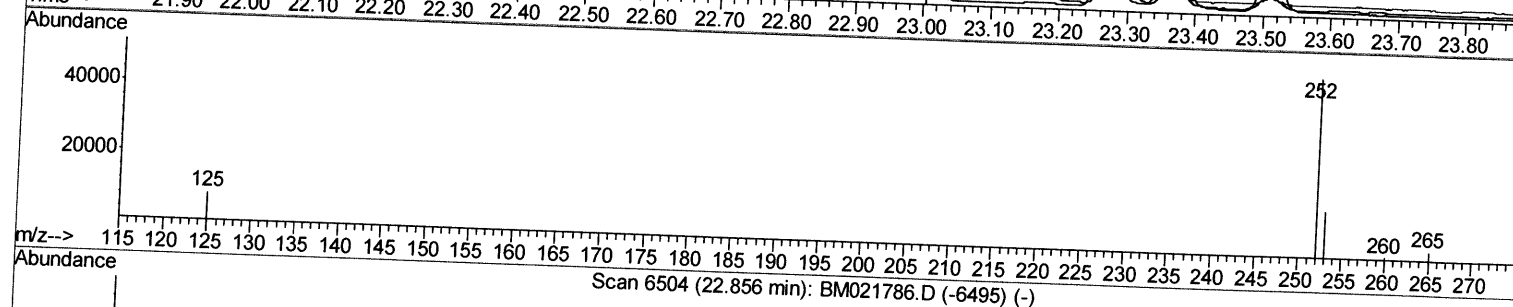
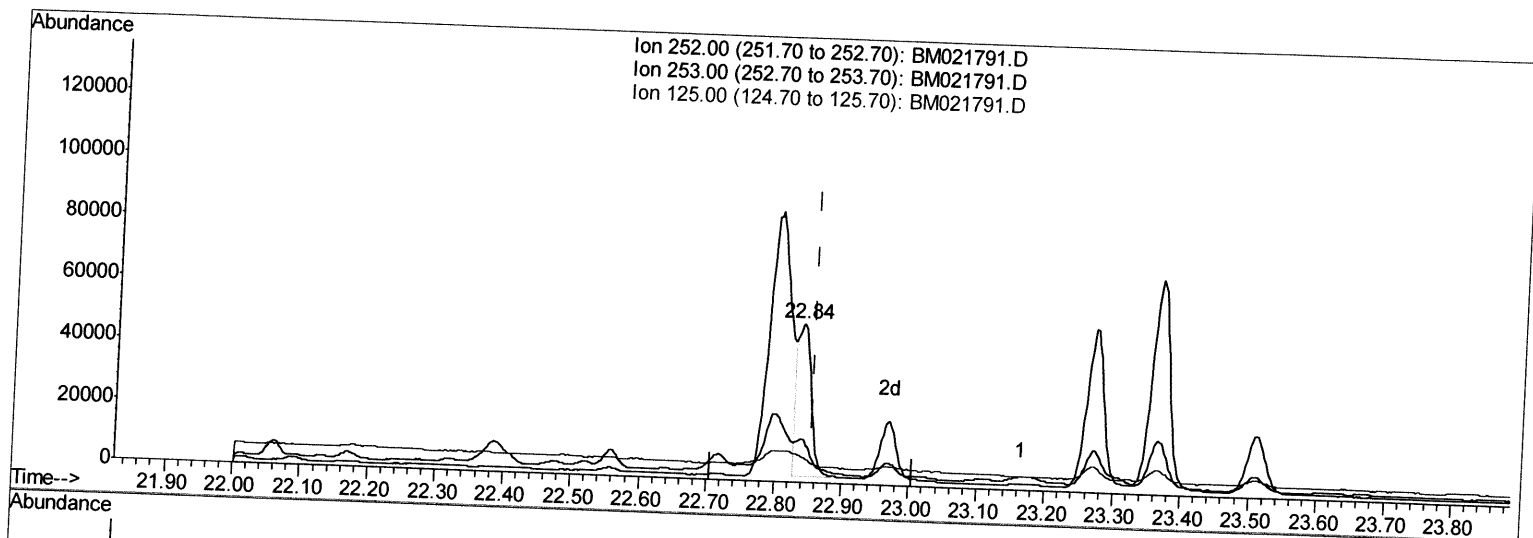
Quant Time: Aug 04 05:03:38 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sun Aug 04 04:24:24 2019

Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.839min (-0.017) 2.03ng/ul m

JU
08/05/19

response 73561

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	27.16
125.00	15.20	16.41
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Quantitation Report (Qedit)

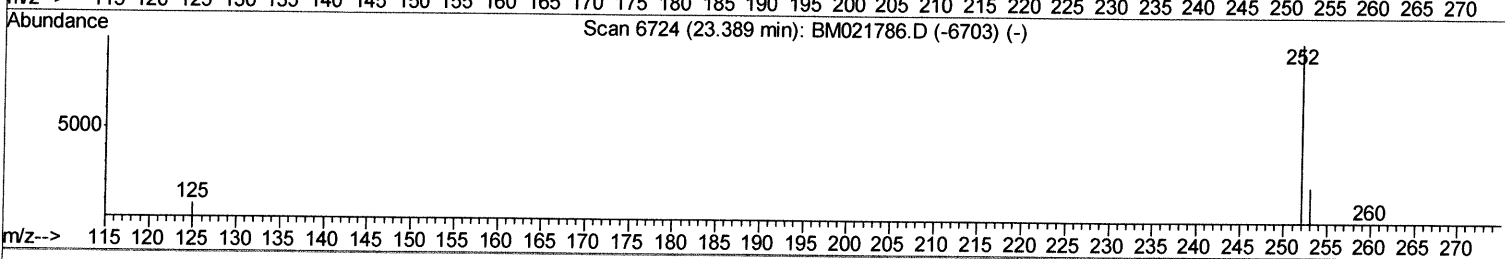
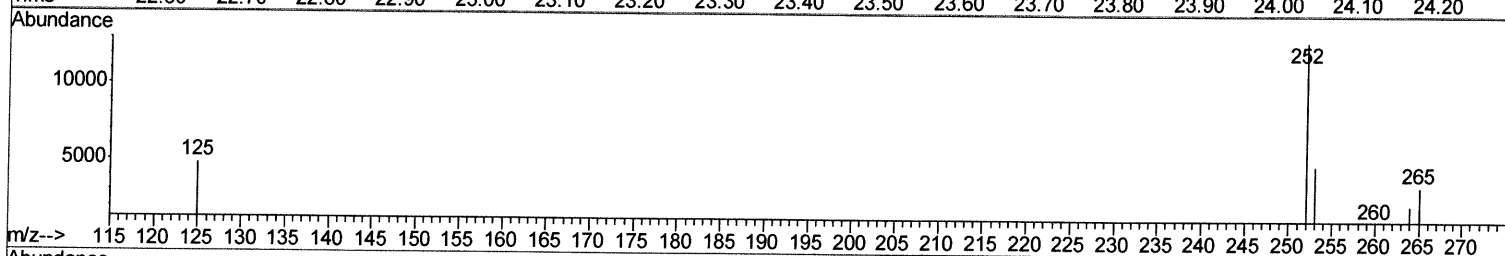
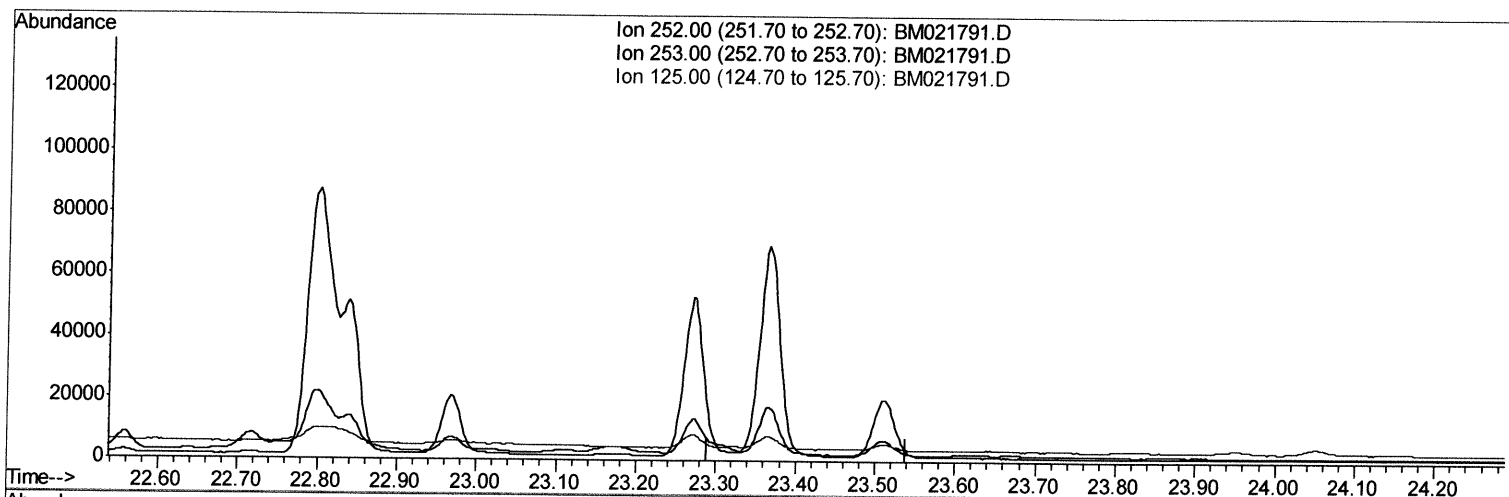
Data File : BM021791.D
Acq On : 04 Aug 2019 02:02
Operator : HP/JU
Sample : K3850-18
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENS4

Manual Integrations
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mohammad
8/5/2019 10:14:16 PM

Quant Time: Aug 04 05:03:38 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 : Sun Aug 04 04:24:24 2019
Response via : Initial Calibration



TIC: BM021791.D

(23) Benzo(a)pyrene (C)

23.389min (-23.389) 0.00ng/ul

response 0

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Quantitation Report (Qedit)

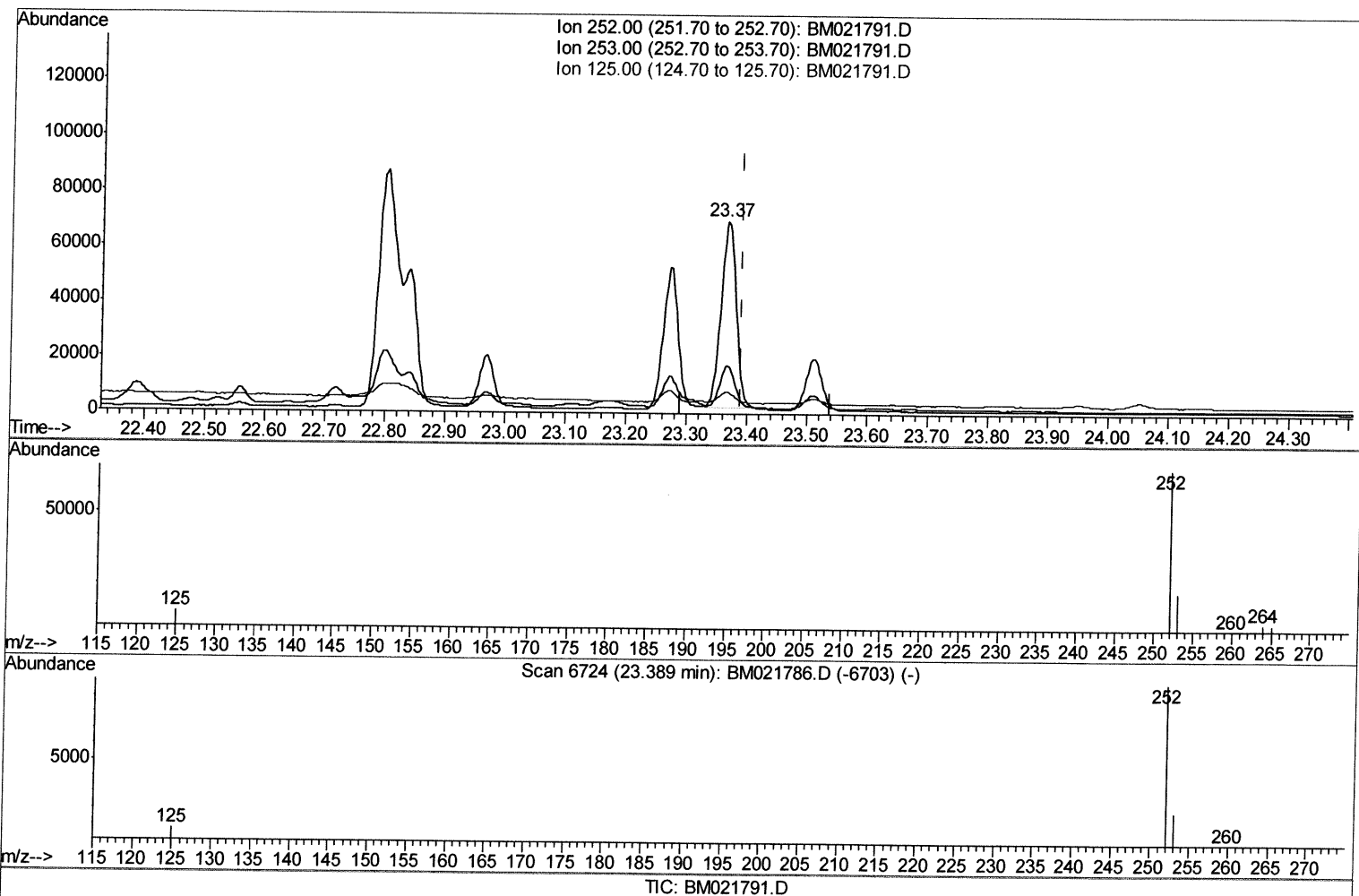
Data File : BM021791.D
Acq On : 04 Aug 2019 02:02
Operator : HP/JU
Sample : K3850-18
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENS4

Manual Integrations
APPROVED

mohammad
8/5/2019 10:14:16 PM

Quant Time: Aug 04 05:03:38 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 : Sun Aug 04 04:24:24 2019
Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.365min (-0.024) 3.59ng/ul m *JU 08/05/19*

response 116848

Ion	Exp%	Act%
252.00	100	100
253.00	39.60	25.24#
125.00	18.20	11.47#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Quantitation Report (Qedit)

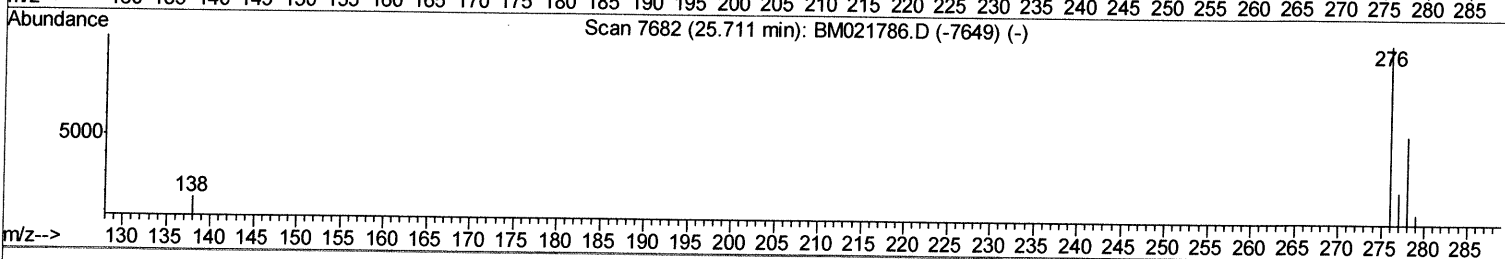
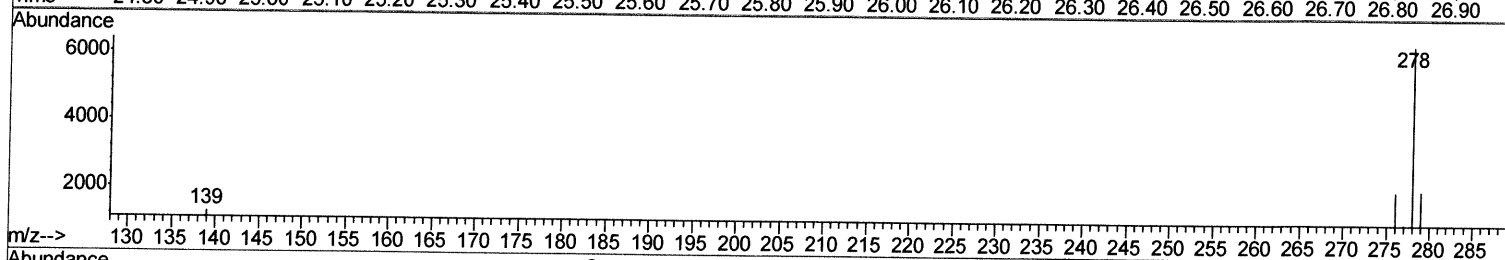
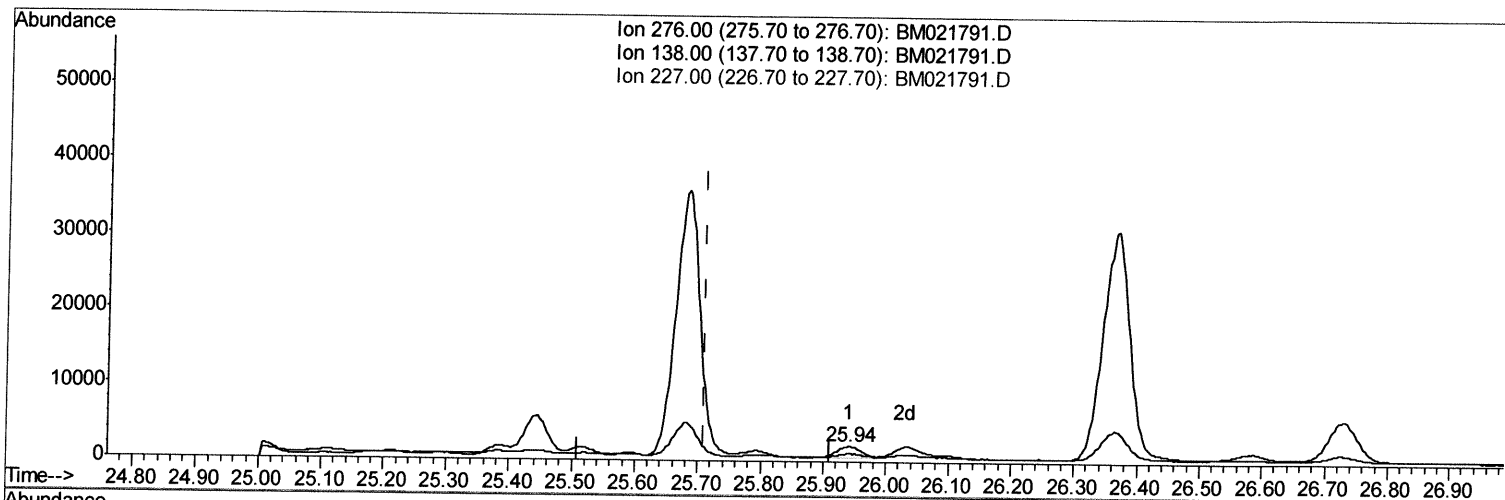
Data File : BM021791.D
Acq On : 04 Aug 2019 02:02
Operator : HP/JU
Sample : K3850-18
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENS4

Manual Integrations
APPROVED

mohammad
8/5/2019 10:14:16 PM

Quant Time: Aug 04 05:03:38 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 : Sun Aug 04 04:24:24 2019
Response via : Initial Calibration



TIC: BM021791.D

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

25.941min (+0.230) 0.11ng/ul

response 4315

Ion	Exp%	Act%
276.00	100	100
138.00	18.90	36.62#
227.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Quantitation Report (Qedit)

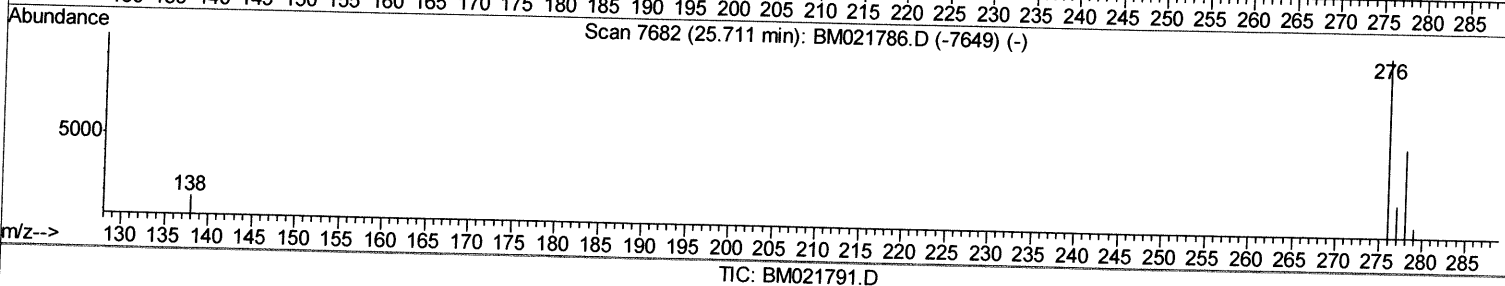
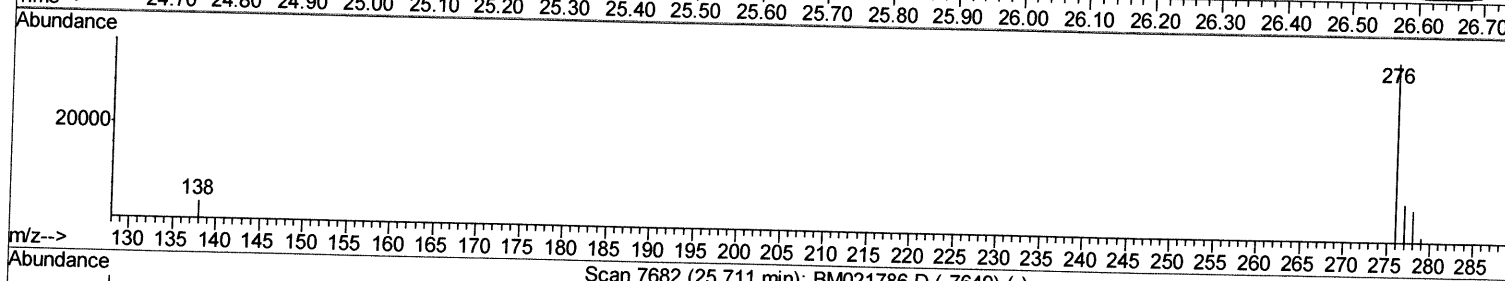
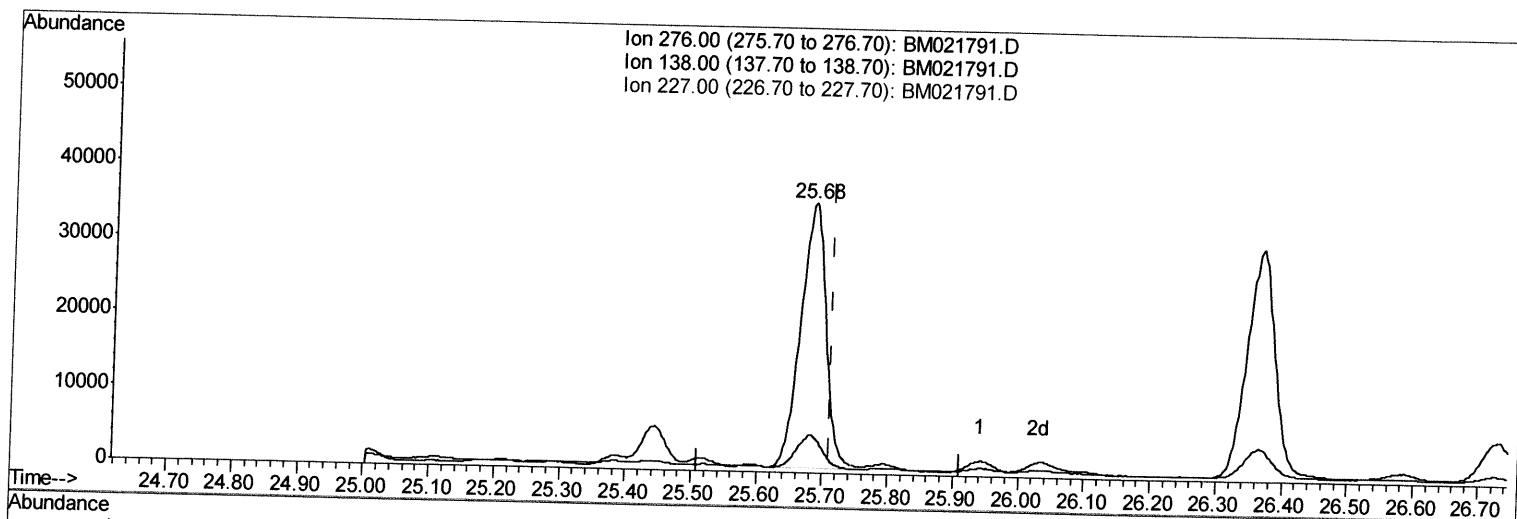
Data File : BM021791.D
Acq On : 04 Aug 2019 02:02
Operator : HP/JU
Sample : K3850-18
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENS4

Manual Integrations
APPROVED

mohammad
8/5/2019 10:14:16 PM

Quant Time: Aug 04 05:03:38 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 : Sun Aug 04 04:24:24 2019
Response via : Initial Calibration



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

25.681min (-0.029) 2.44ng/ul m 08/05/19

response 94745

Ion	Exp%	Act%
276.00	100	100
138.00	18.90	1.67#
227.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Quantitation Report (Qedit)

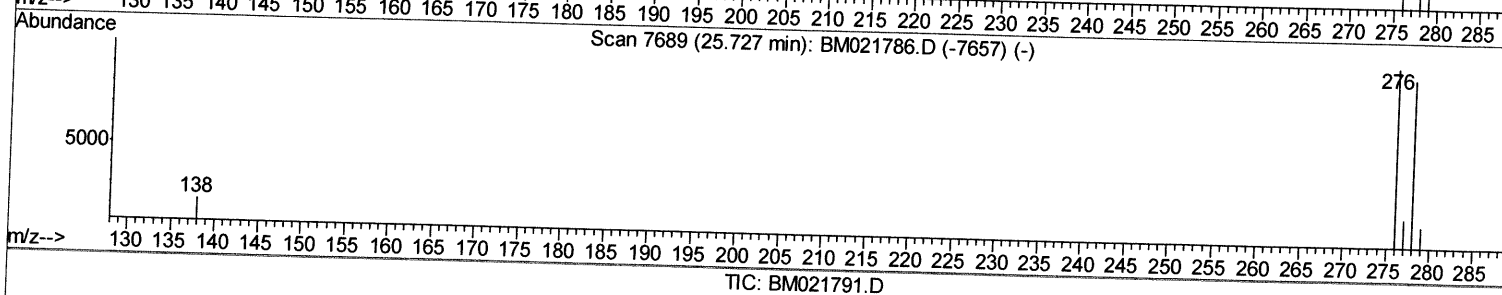
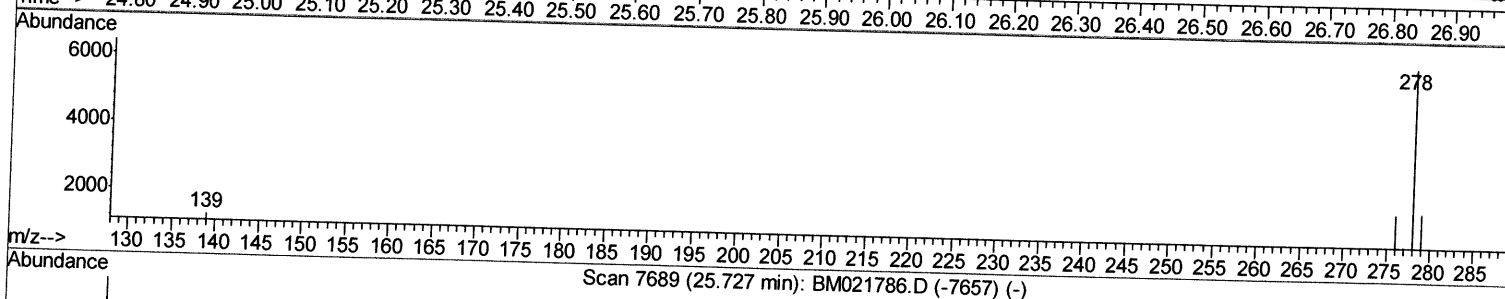
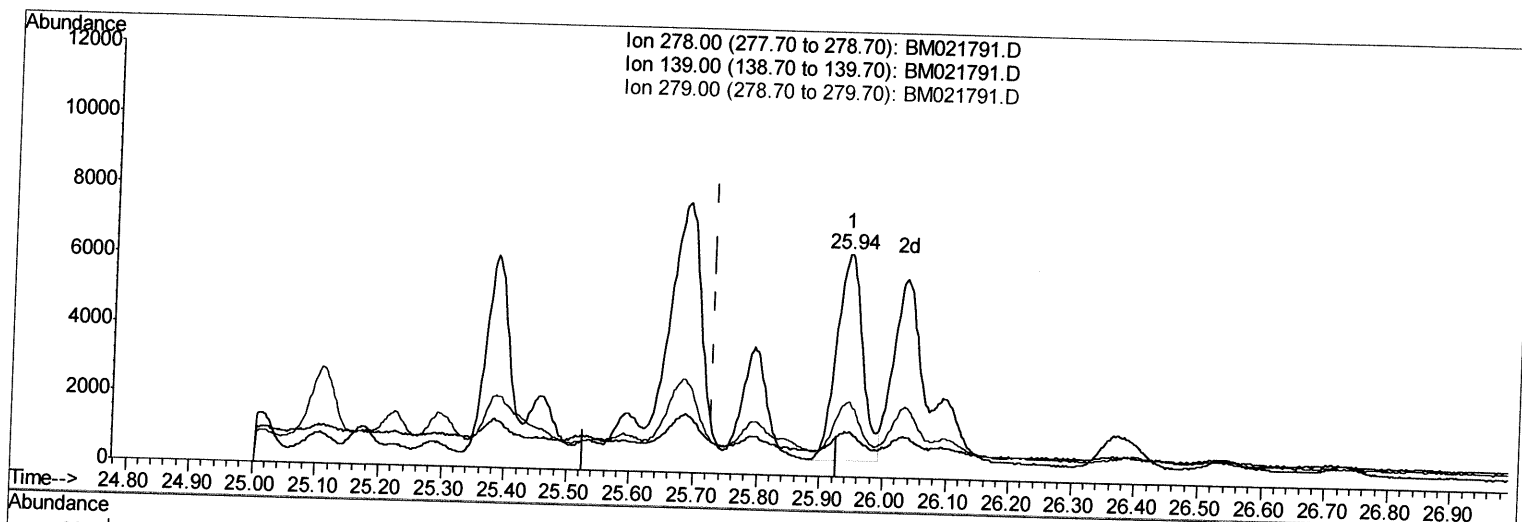
Data File : BM021791.D
Acq On : 04 Aug 2019 02:02
Operator : HP/JU
Sample : K3850-18
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BENS4

Manual Integrations
APPROVED

mohammad
8/5/2019 10:14:16 PM

Quant Time: Aug 04 05:03:38 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 : Sun Aug 04 04:24:24 2019
Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.941min (+0.213) 0.54ng/ul

response 16912

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	20.09
279.00	35.40	33.23
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Quantitation Report (Qedit)

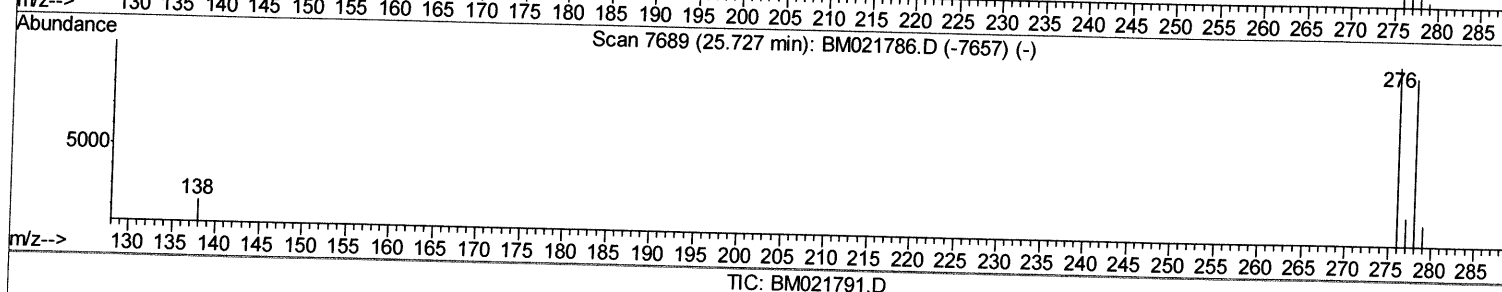
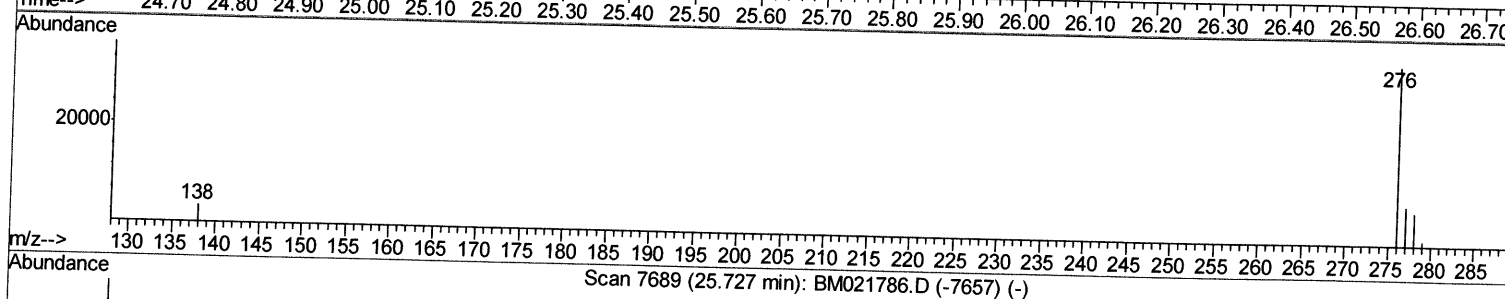
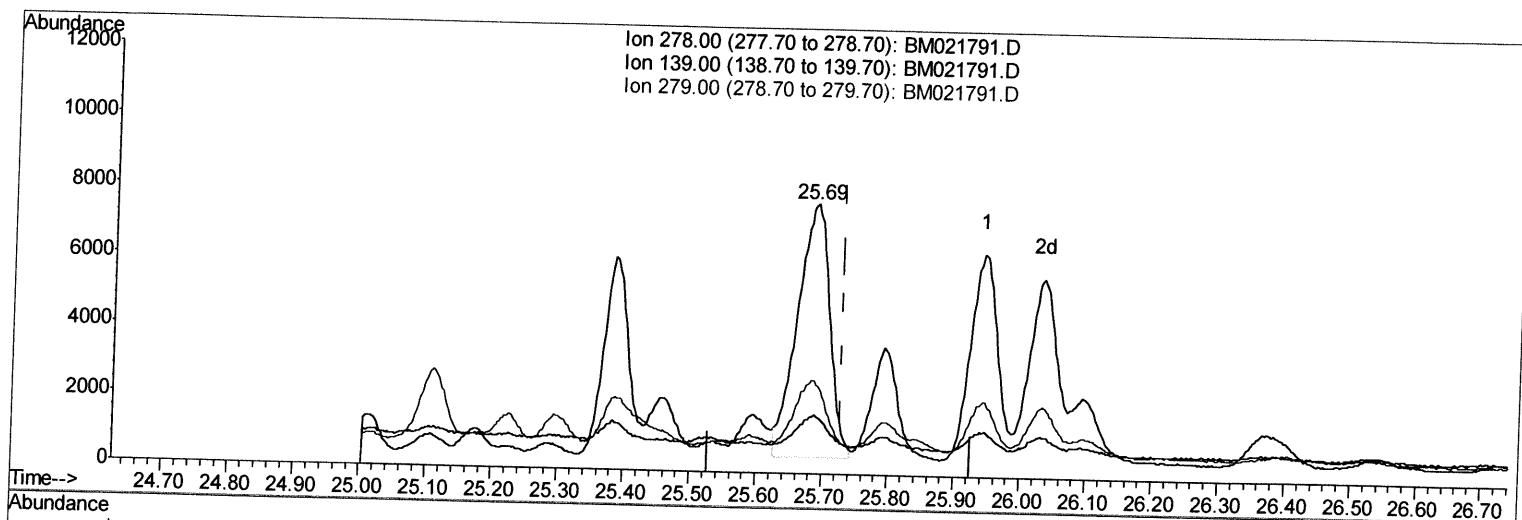
Data File : BM021791.D
Acq On : 04 Aug 2019 02:02
Operator : HP/JU
Sample : K3850-18
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENS4

Manual Integrations
APPROVED

mohammad
8/5/2019 10:14:16 PM

Quant Time: Aug 04 05:03:38 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 : Sun Aug 04 04:24:24 2019
Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.686min (-0.041) 0.80ng/ul m ^{JU} 08/05/19

response 25100

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	22.02#
279.00	35.40	33.91
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Quantitation Report (Qedit)

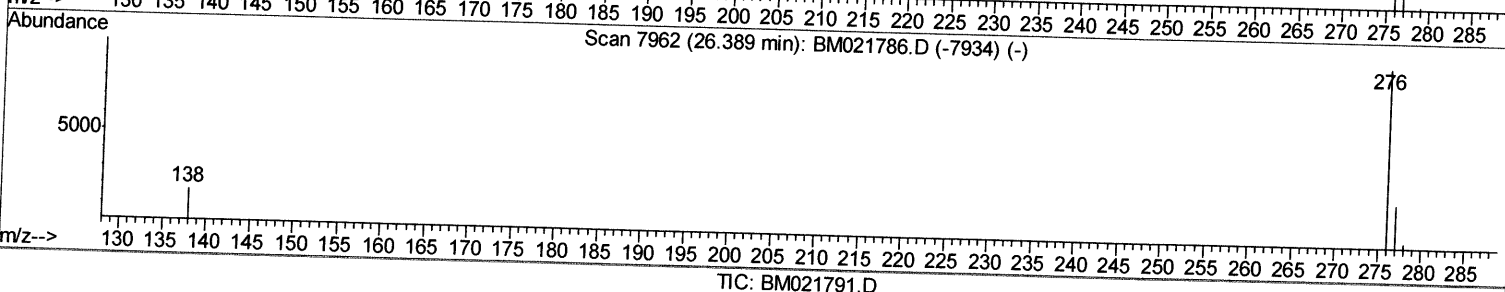
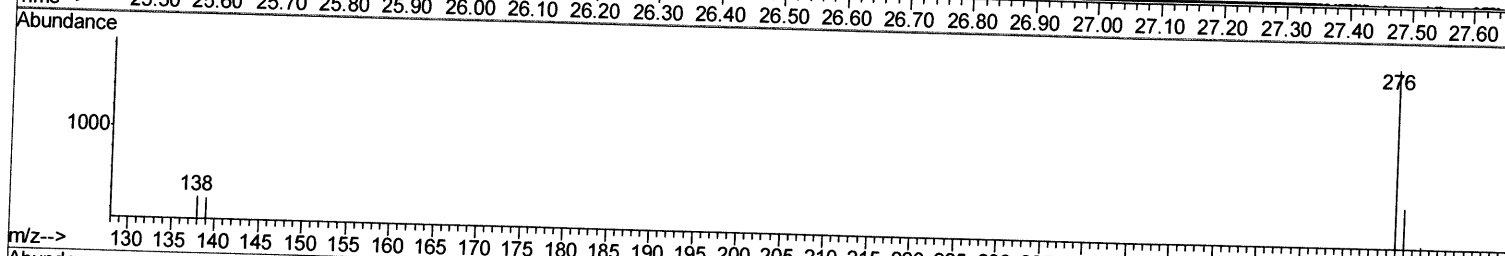
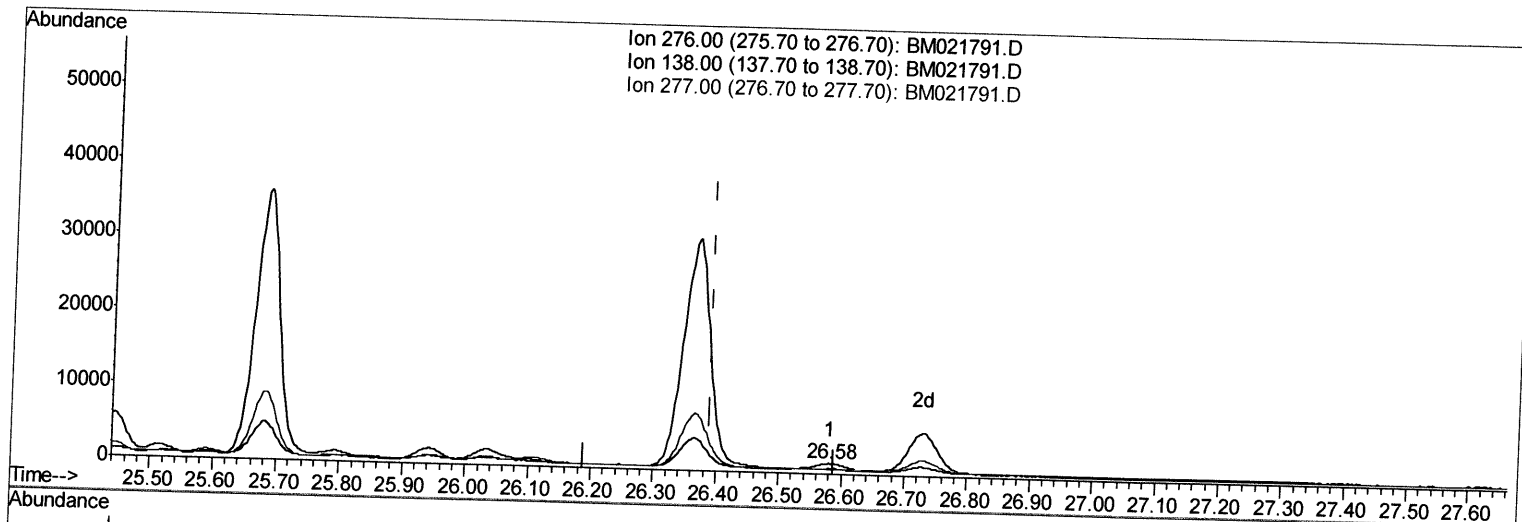
Data File : BM021791.D
Acq On : 04 Aug 2019 02:02
Operator : HP/JU
Sample : K3850-18
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENS4

Manual Integrations
APPROVED

mohammad
8/5/2019 10:14:16 PM

Quant Time: Aug 04 05:03:38 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 : Sun Aug 04 04:24:24 2019
Response via : Initial Calibration



(26) Benzo(g,h,i)perylene

26.580min (+0.191) 0.07ng/ul

response 2390

Ion	Exp%	Act%
276.00	100	100
138.00	19.40	46.77#
277.00	26.80	52.74#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Quantitation Report (Qedit)

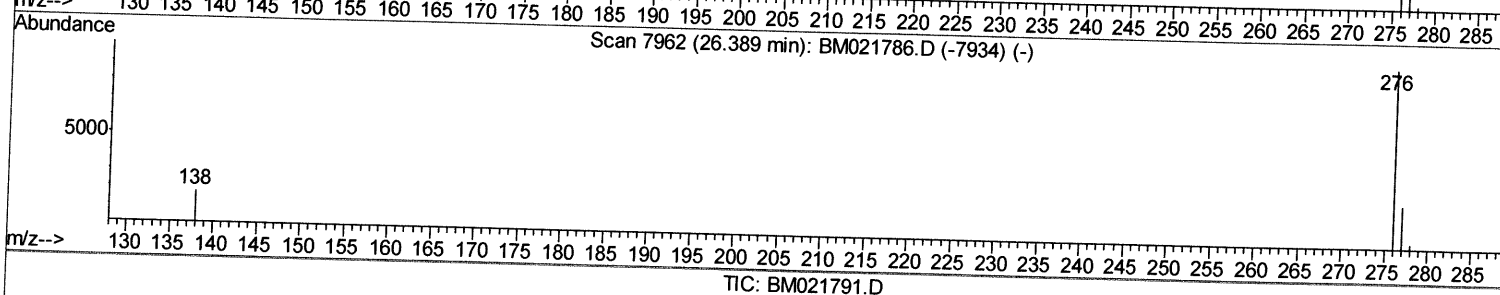
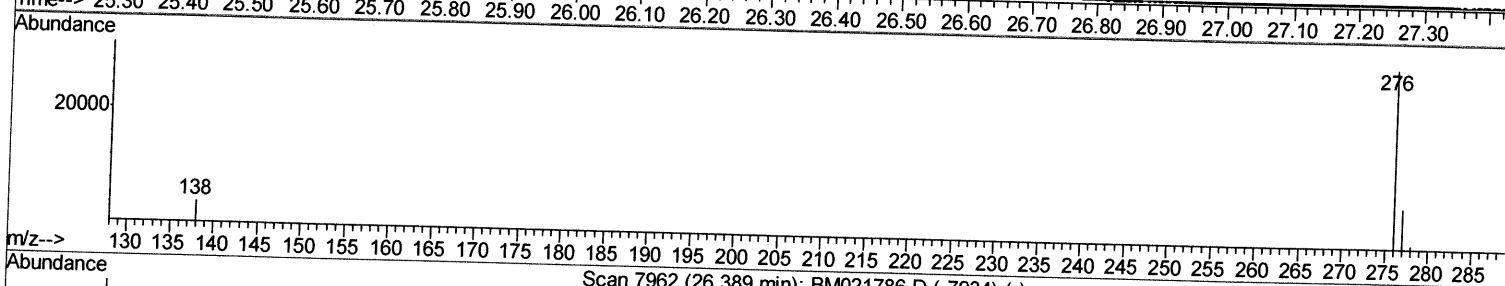
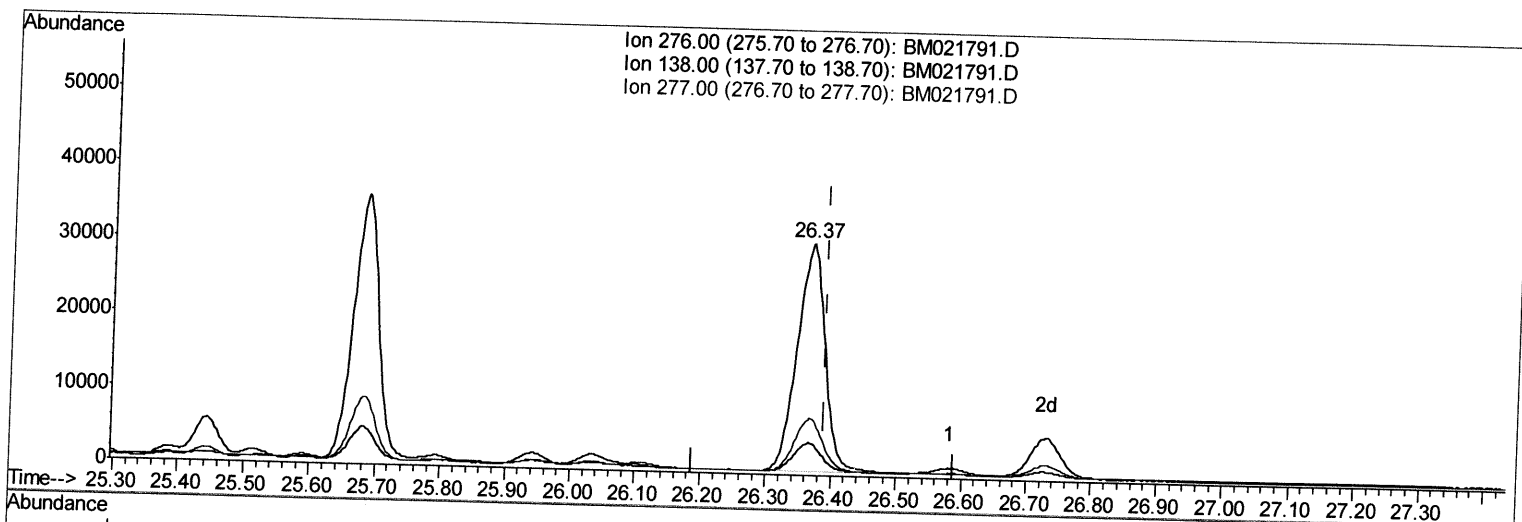
Data File : BM021791.D
Acq On : 04 Aug 2019 02:02
Operator : HP/JU
Sample : K3850-18
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENS4

Manual Integrations
APPROVED

mohammad
8/5/2019 10:14:16 PM

Quant Time: Aug 04 05:03:38 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 : Sun Aug 04 04:24:24 2019
Response via : Initial Calibration



(26) Benzo(g,h,i)perylene

26.367min (-0.022) 2.58ng/ul m

50
08/05/19

response 90228

Ion	Exp%	Act%
276.00	100	100
138.00	19.40	13.94#
277.00	26.80	24.50
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Quantitation Report (QT Reviewed)

Data File : BM021791.D
Acq On : 04 Aug 2019 02:02
Operator : HP/JU
Sample : K3850-18
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENS4

Manual Integrations
APPROVED

mohammad
8/5/2019 10:14:16 PM

Quant Time: Aug 04 05:05:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 04 04:24:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	1167	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.42	136	4588	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.29	164	2841	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.04	188	8264m >	0.40	ng/ul	-0.02
16) Chrysene-d12	21.24	240	8360m >	0.40	ng/ul	-0.01
20) Perylene-d12	23.46	264	9486m >	0.40	ng/ul	-0.02

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System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.02	152	1240	0.16	ng/ul	-0.04
14) Fluoranthene-d10	19.08	212	5708m	0.20	ng/ul	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.47	128	1943	0.150	ng/ul	98
5) 2-Methylnaphthalene	12.10	142	2575	0.298	ng/ul	97
7) Acenaphthylene	14.01	152	17917	1.352	ng/ul	95
8) Acenaphthene	14.35	153	1483	0.137	ng/ul	95
9) Fluorene	15.35	166	4976	0.413	ng/ul	99
12) Phenanthrene	17.09	178	121301m >	5.045	ng/ul	>
13) Anthracene	17.18	178	29266m >	1.427	ng/ul	>
15) Fluoranthene	19.11	202	282668m >	8.776	ng/ul	>
17) Pyrene	19.48	202	213092	6.203	ng/ul	# 92
18) Benzo(a)anthracene	21.23	228	142744m >	4.774	ng/ul	>
19) Chrysene	21.28	228	135058	3.512	ng/ul	96
21) Benzo(b)fluoranthene	22.80	252	191628m >	5.991	ng/ul	>
22) Benzo(k)fluoranthene	22.84	252	73561m >	2.032	ng/ul	>
23) Benzo(a)pyrene	23.37	252	116848m >	3.592	ng/ul	>
24) Indeno(1,2,3-cd)pyrene	25.68	276	94745m >	2.439	ng/ul	>
25) Dibenzo(a,h)anthracene	25.69	278	25100m >	0.799	ng/ul	>
26) Benzo(g,h,i)perylene	26.37	276	90228m >	2.580	ng/ul	>

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