

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

Quantitation Report (QT Reviewed)

Data File : BM021794.D

Acq On : 04 Aug 2019 03:52

Operator : HP/JU

Sample : K3850-16

Misc :

ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BENR8

Manual Integrations
APPROVED

mohammad
8/5/2019 10:14:23 PM

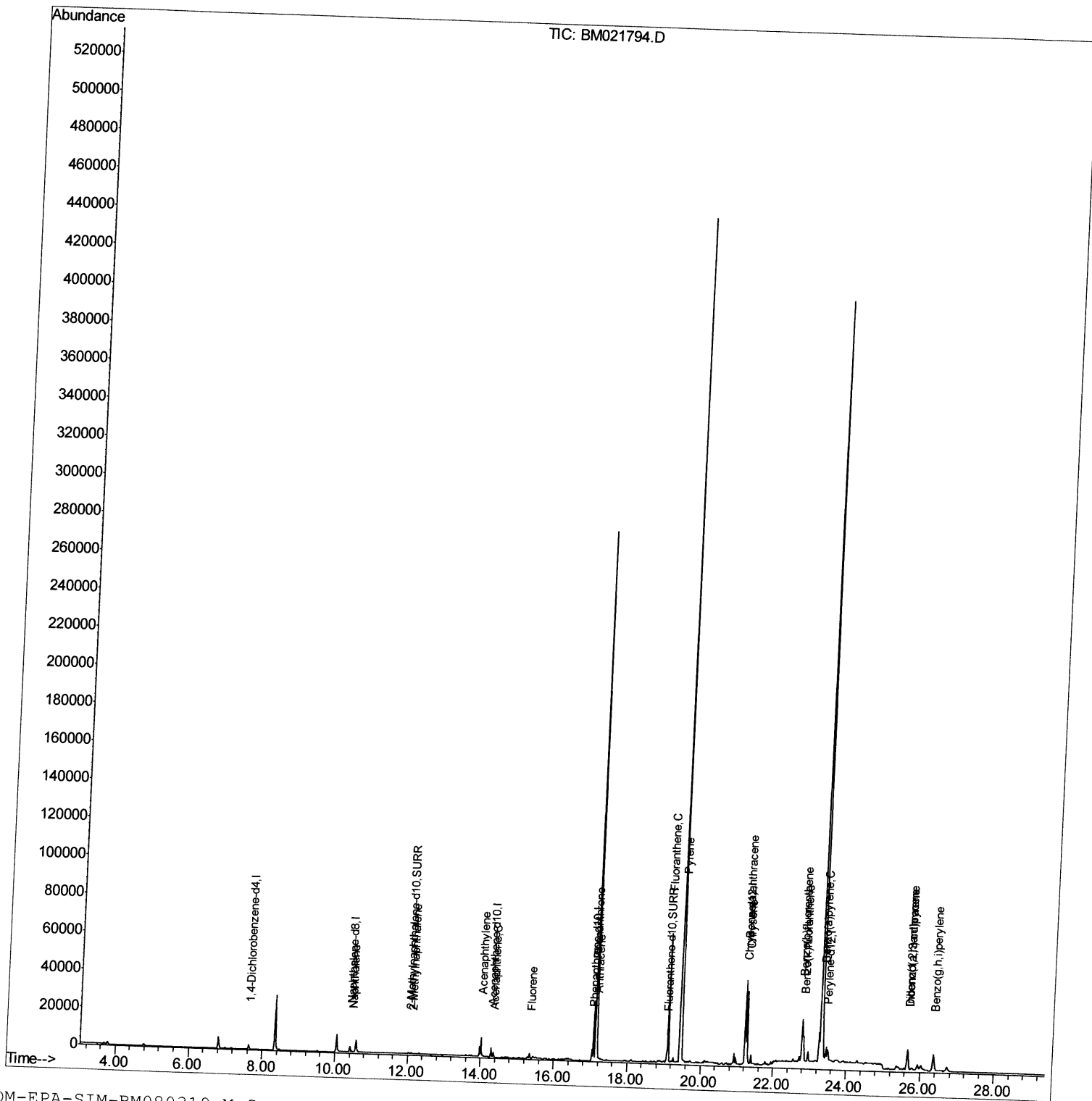
Quant Time: Aug 04 05:17:02 2019

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)

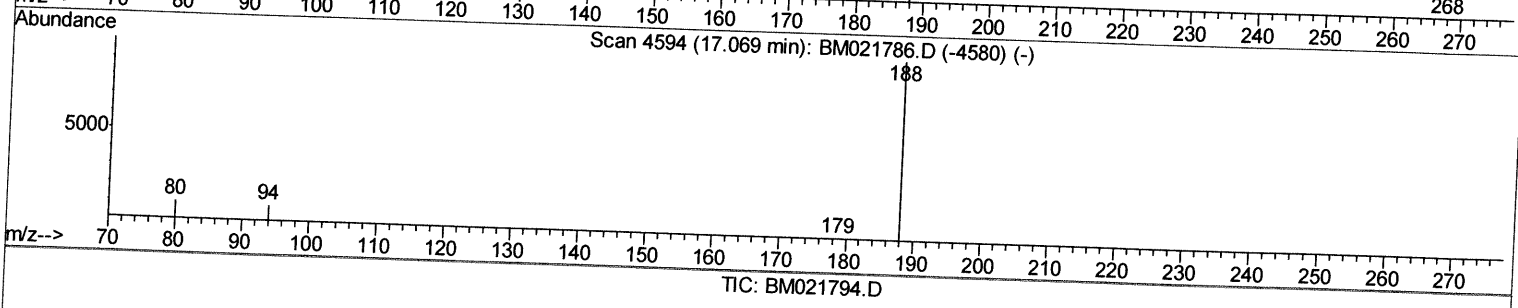
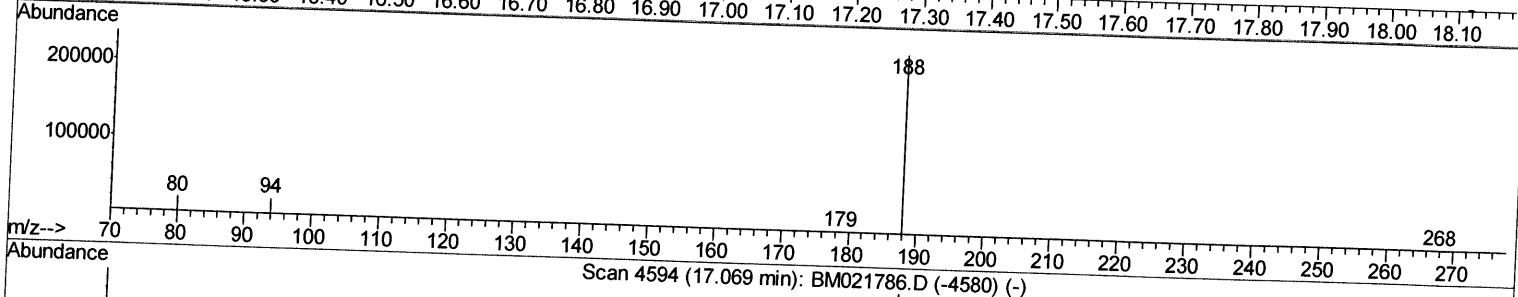
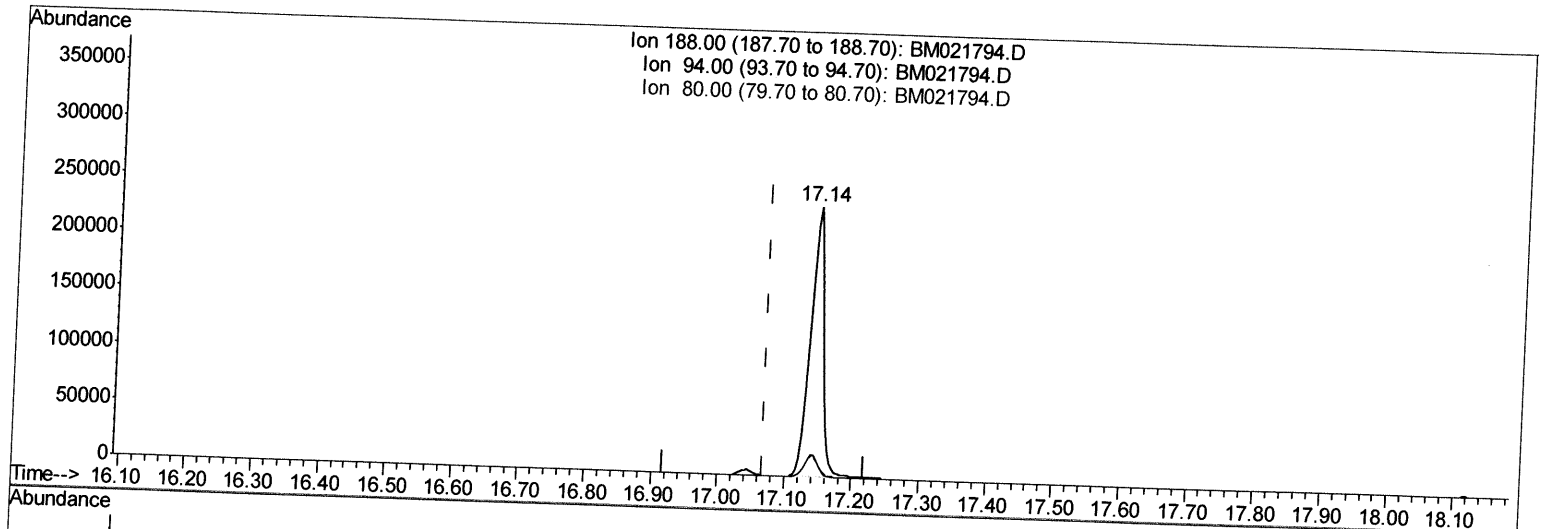
Data File : BM021794.D
Acq On : 04 Aug 2019 03:52
Operator : HP/JU
Sample : K3850-16
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BENR8

Manual Integrations
APPROVED

mohammad
8/5/2019 10:14:23 PM

Quant Time: Aug 04 05:10:12 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)
17.141min (+0.073) 0.40ng/ul
response 330124

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	8.42
80.00	11.40	7.99#
0.00	0.00	0.00

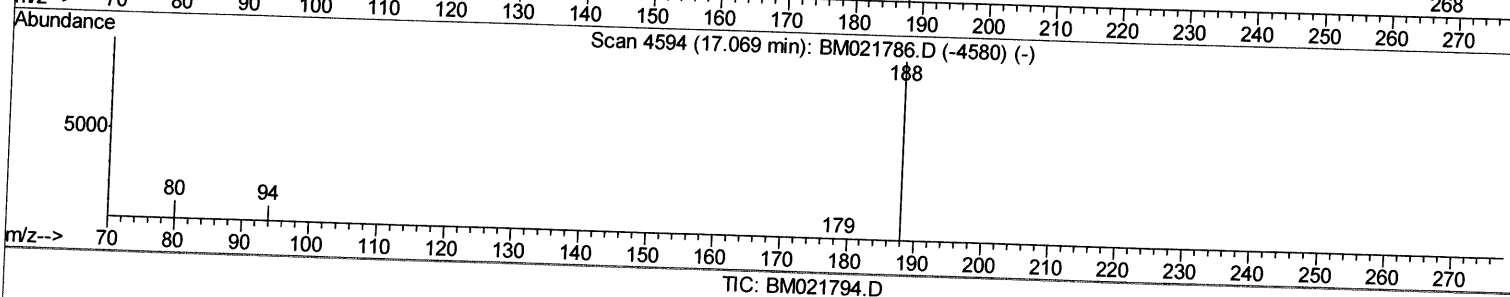
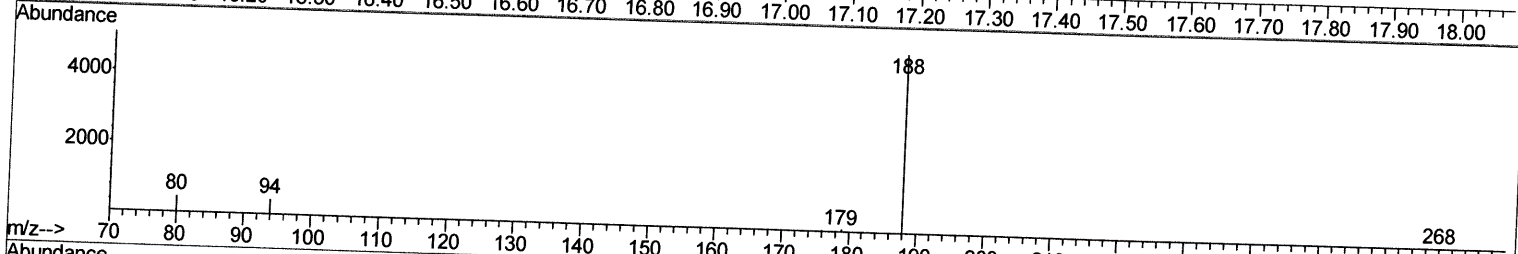
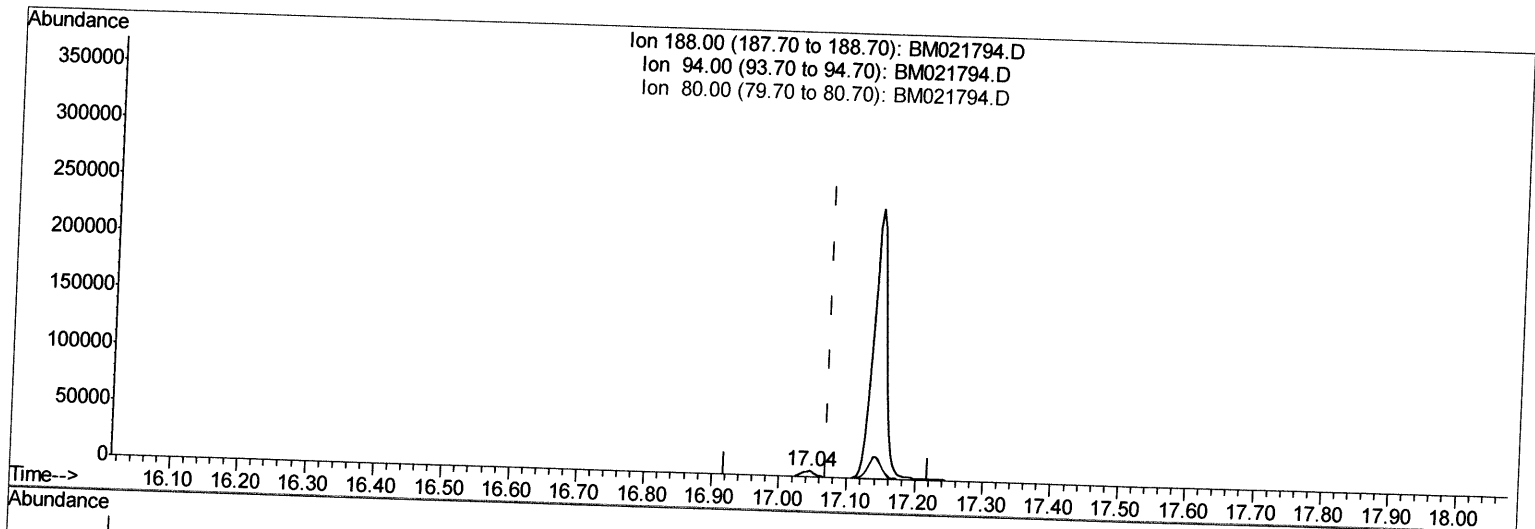
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Quantitation Report (Qedit)

Data File : BM021794.D
Acq On : 04 Aug 2019 03:52
Operator : HP/JU
Sample : K3850-16
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BENR8

Manual Integrations
APPROVED
mohammad
8/5/2019 10:14:23 PM

Quant Time: Aug 04 05:10:12 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 (l) *JU*
17.044min (-0.024) 0.40ng/ul m *08/05/19*

response 7076

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	9.15
80.00	11.40	10.10
0.00	0.00	0.00

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

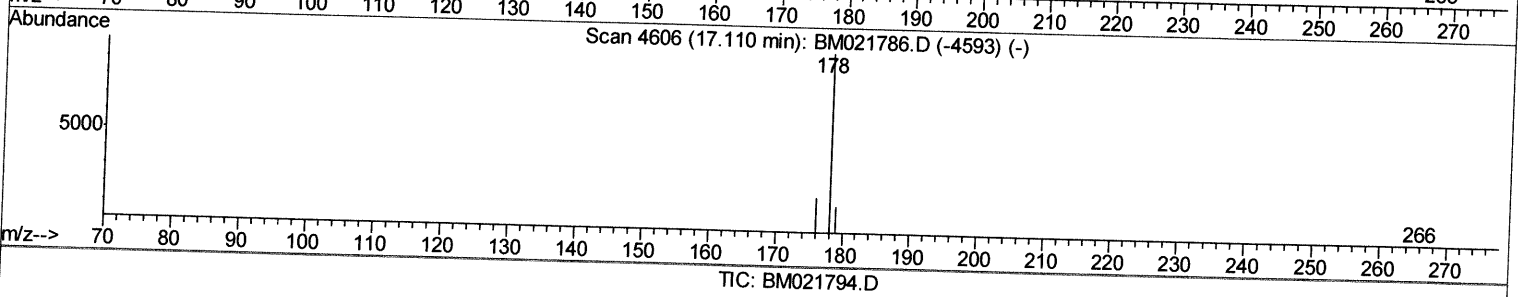
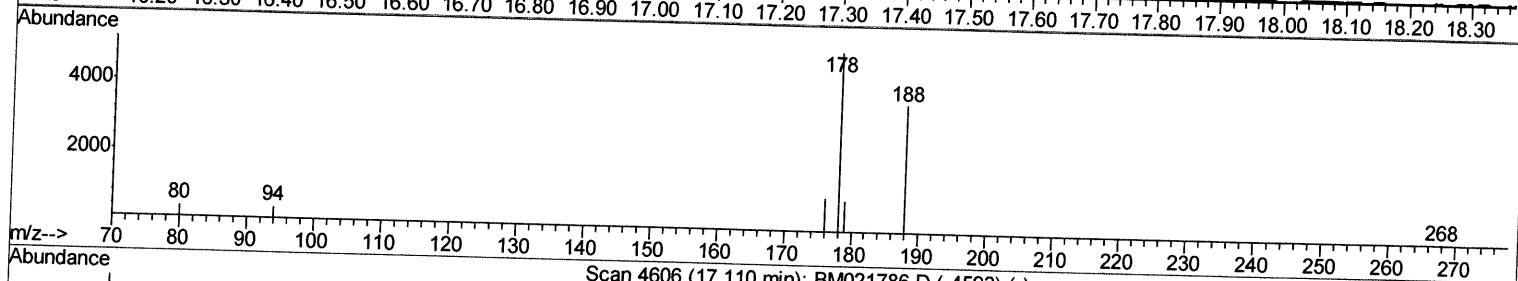
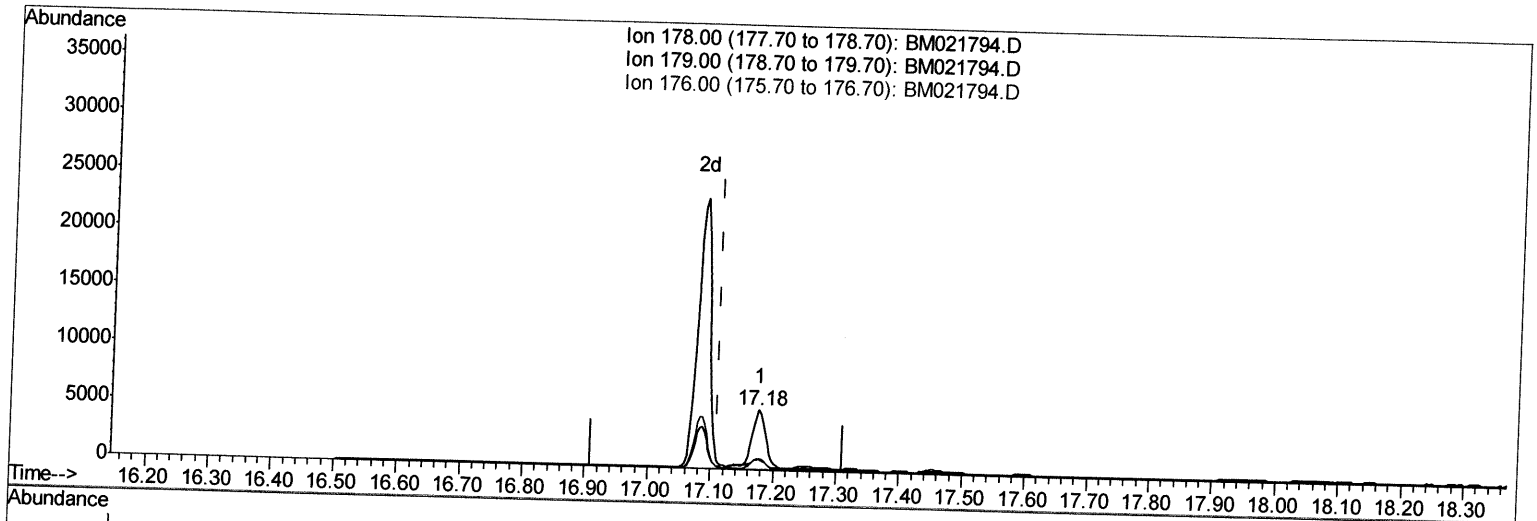
Data File : BM021794.D
Acq On : 04 Aug 2019 03:52
Operator : HP/JU
Sample : K3850-16
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BENR8

Manual Integrations
APPROVED

mohammad
8/5/2019 10:14:23 PM

Quant Time: Aug 04 05:13:44 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

17.176min (+0.066) 0.41ng/ul

response 8504

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	18.15
176.00	21.00	19.50
0.00	0.00	0.00

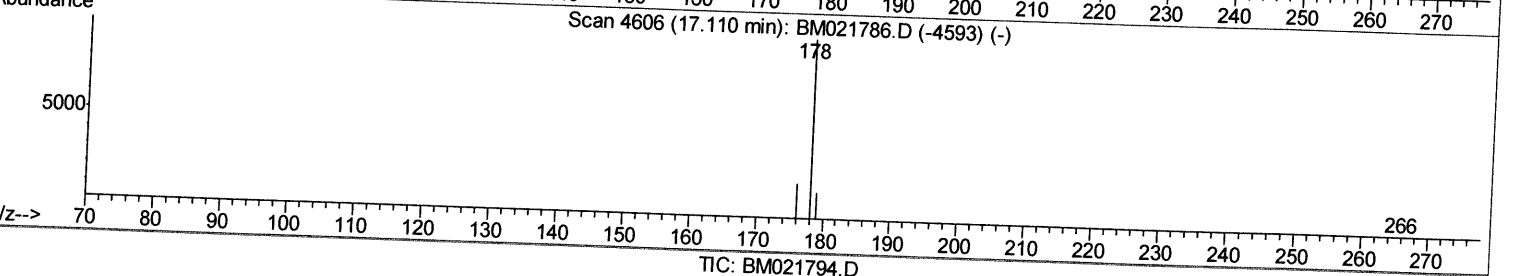
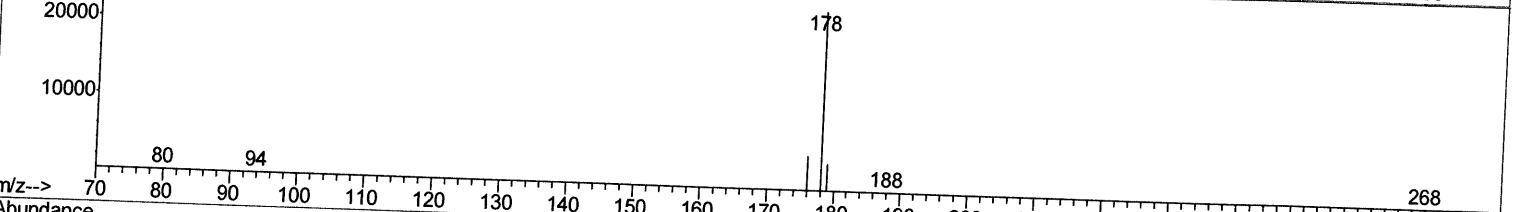
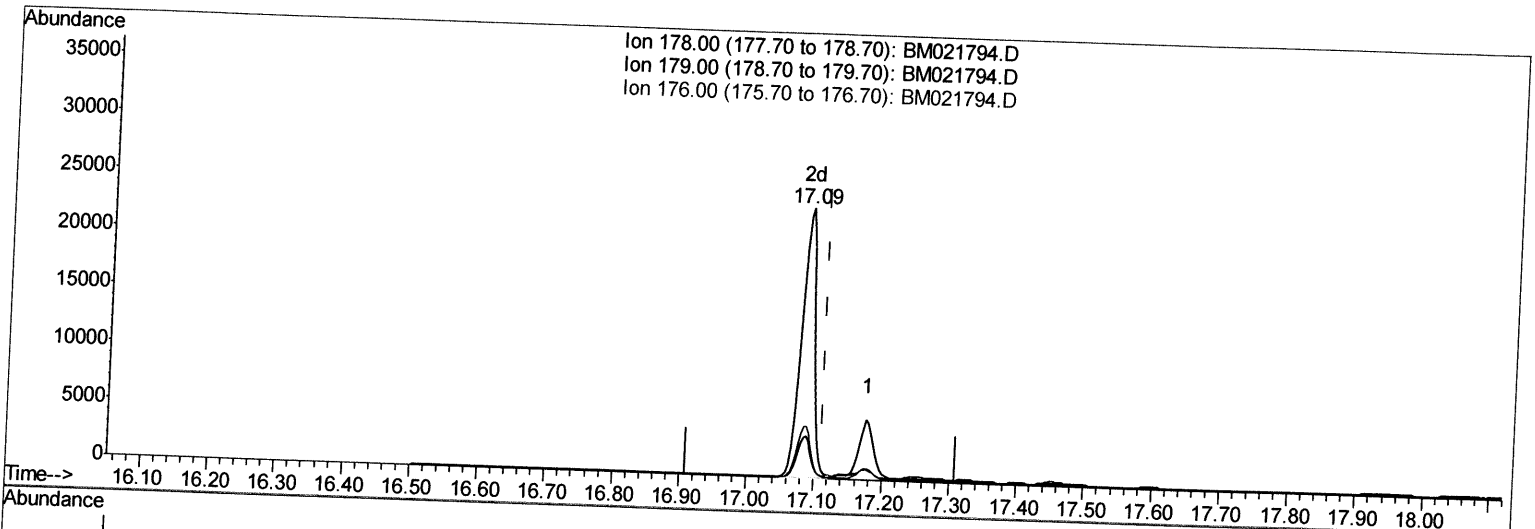
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
 Quantitation Report (Qedit)

Data File : BM021794.D
 Acq On : 04 Aug 2019 03:52
 Operator : HP/JU
 Sample : K3850-16
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 BENR8

Manual Integrations
 APPROVED
 mohammad
 8/5/2019 10:14:23 PM

Quant Time: Aug 04 05:13:44 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) 1.58ng/ul m *JU* 08/05/19

response 32629

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	15.55
176.00	21.00	19.32
0.00	0.00	0.00

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

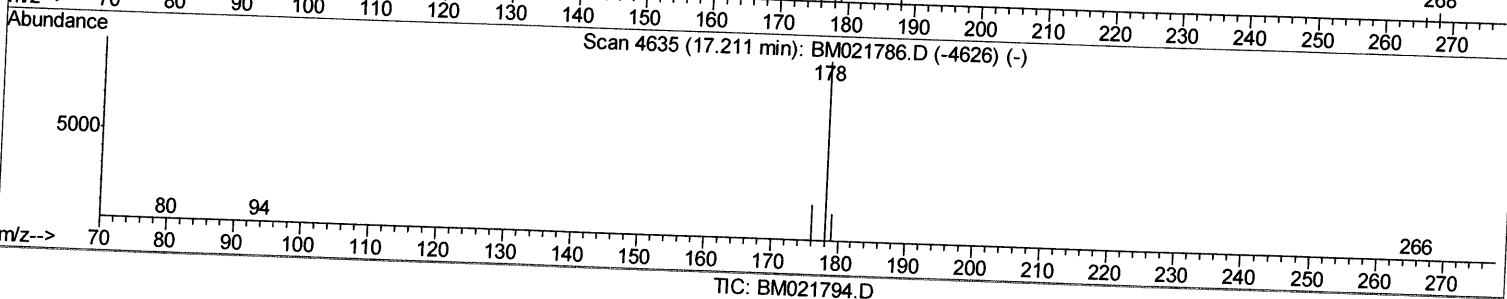
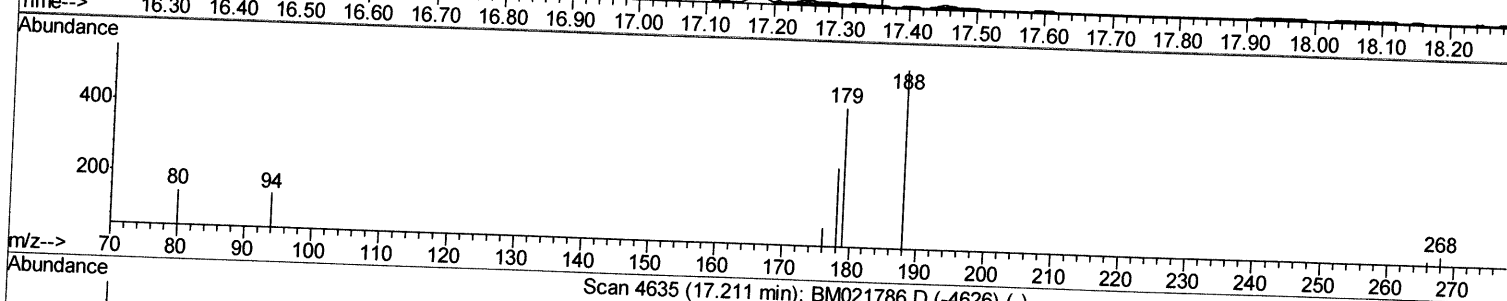
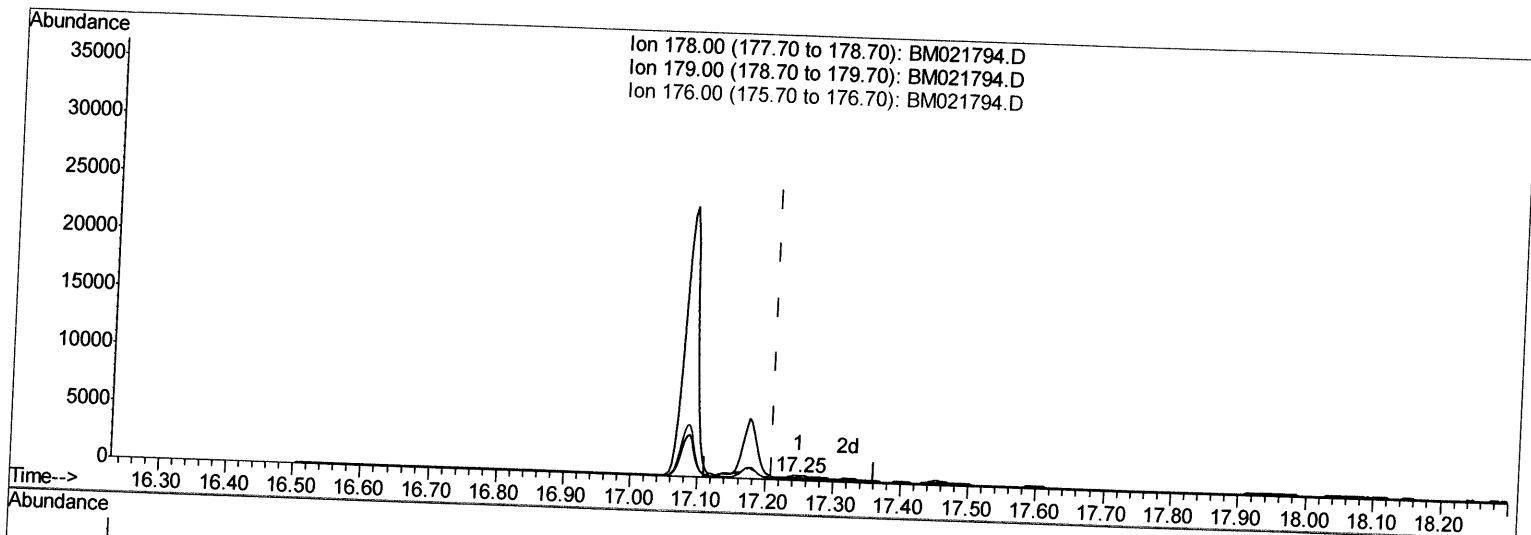
Data File : BM021794.D
 Acq On : 04 Aug 2019 03:52
 Operator : HP/JU
 Sample : K3850-16
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENR8

Manual Integrations
 APPROVED

mohammad
 8/5/2019 10:14:23 PM

Quant Time: Aug 04 05:13:44 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

17.249min (+0.038) 0.01ng/ul

response 229

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	162.22#
176.00	20.80	38.52#
0.00	0.00	0.00

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

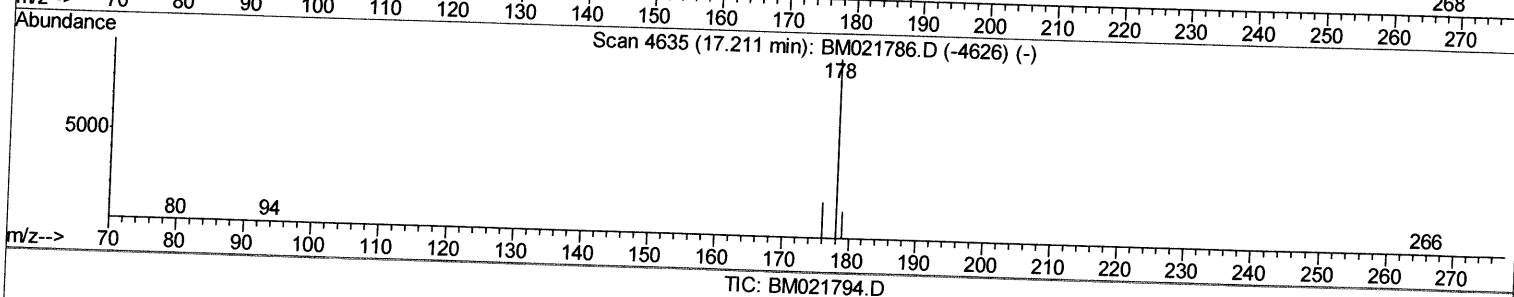
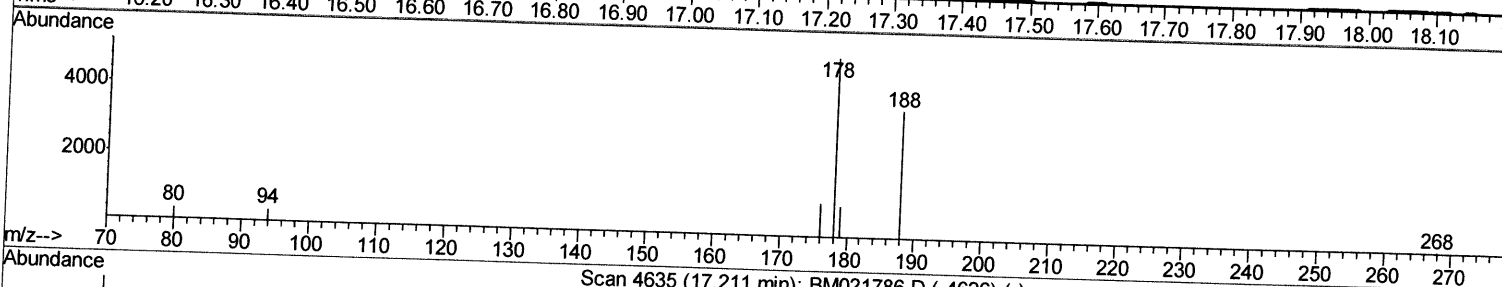
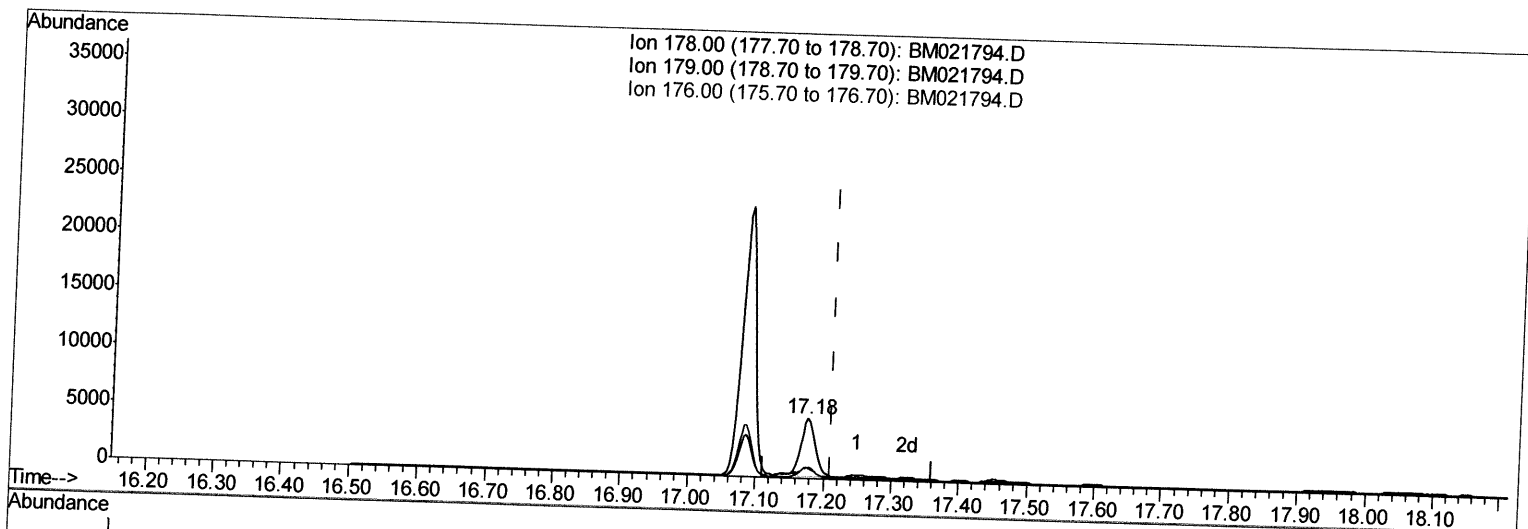
Data File : BM021794.D
 Acq On : 04 Aug 2019 03:52
 Operator : HP/JU
 Sample : K3850-16
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 BENR8

Manual Integrations
 APPROVED

mohammad
 8/5/2019 10:14:23 PM

Quant Time: Aug 04 05:13:44 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

17.176min (-0.035) 0.43ng/ul m *JU* 08/05/19

response 7600

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	18.15
176.00	20.80	19.50
0.00	0.00	0.00

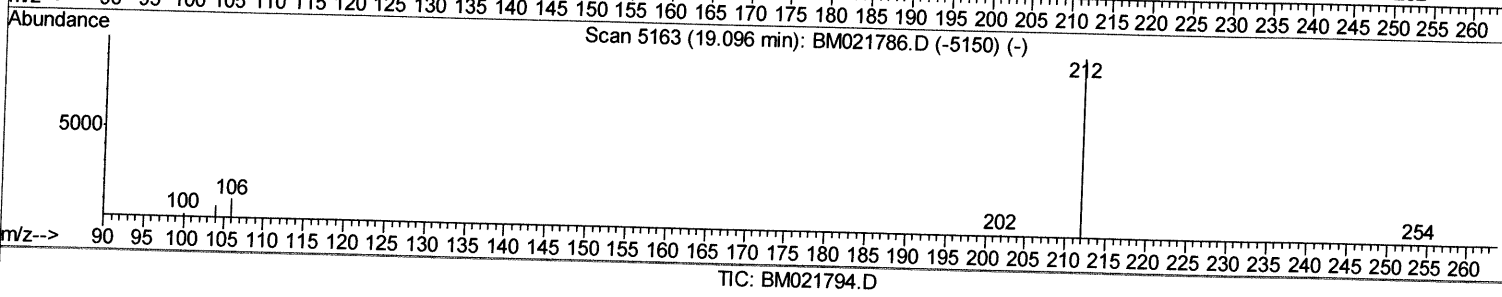
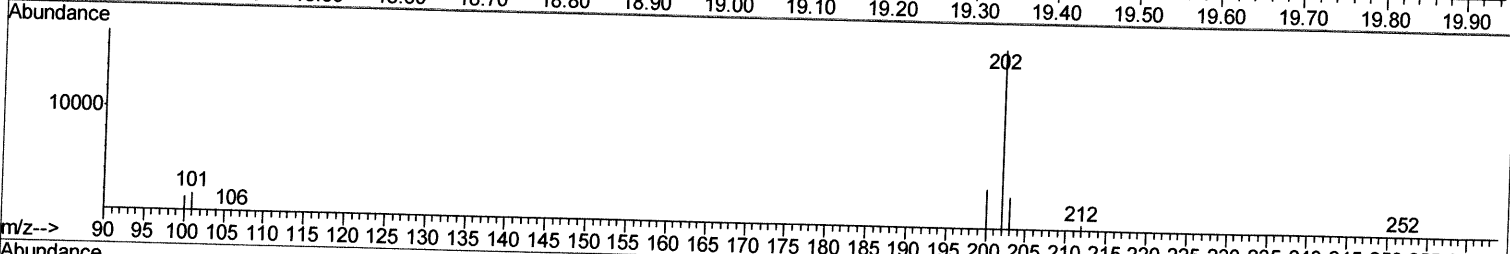
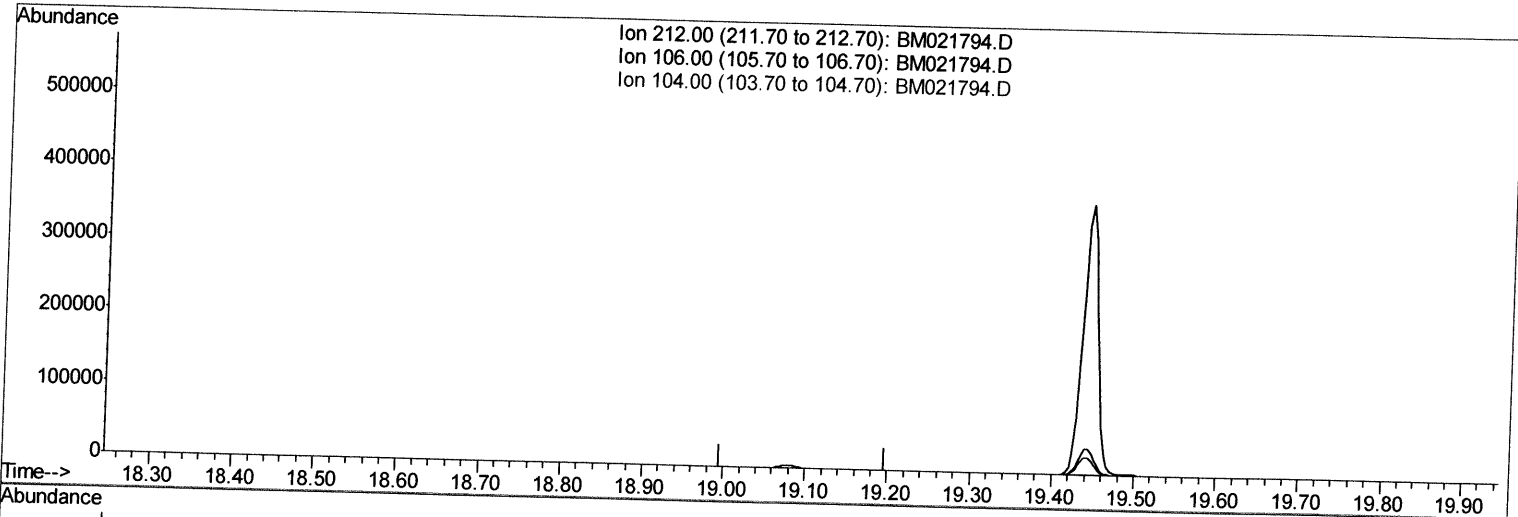
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Quantitation Report (Qedit)

Data File : BM021794.D
Acq On : 04 Aug 2019 03:52
Operator : HP/JU
Sample : K3850-16
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BENR8

Manual Integrations
APPROVED
mohammad
8/5/2019 10:14:23 PM

Quant Time: Aug 04 05:13:44 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)

19.096min (-19.096) 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

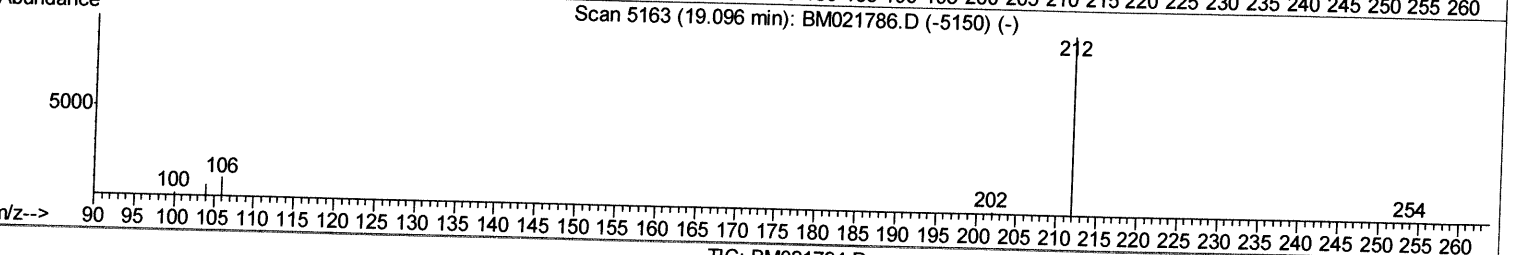
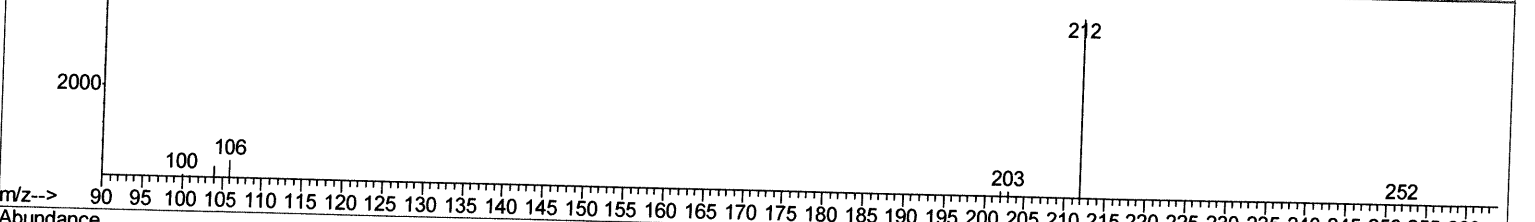
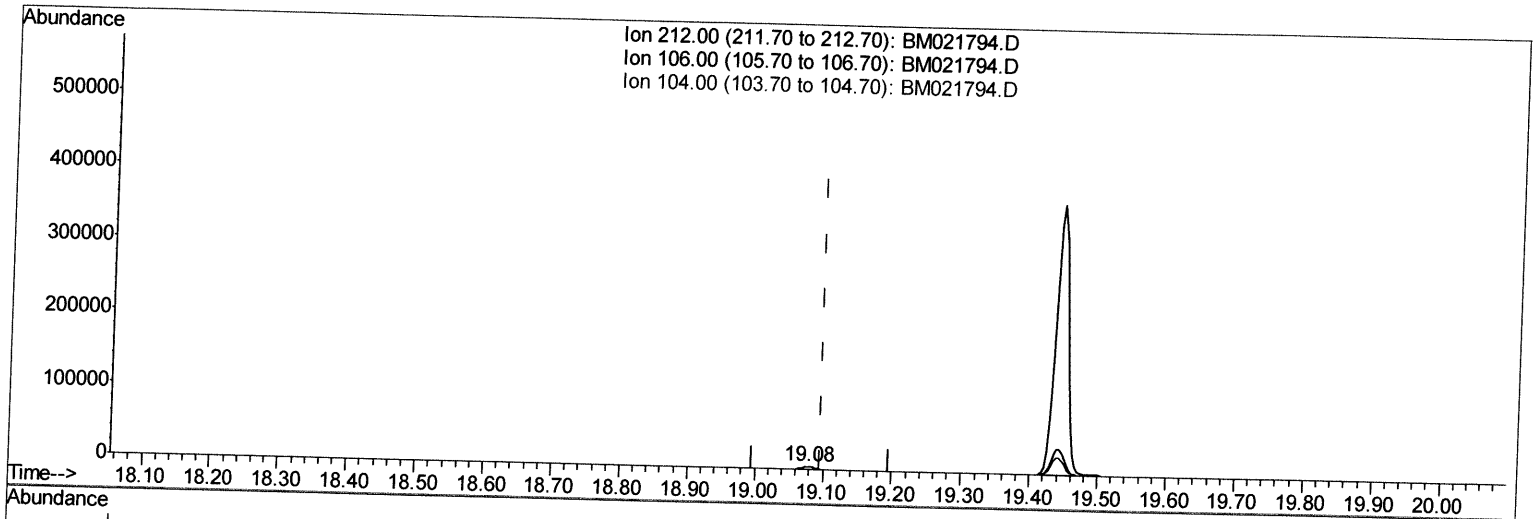
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
 Quantitation Report (Qedit)

Data File : BM021794.D
 Acq On : 04 Aug 2019 03:52
 Operator : HP/JU
 Sample : K3850-16
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 BENR8

Manual Integrations
 APPROVED
 mohammad
 8/5/2019 10:14:23 PM

Quant Time: Aug 04 05:13:44 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: BM021794.D

(14) Fluoranthene-d10 (SURR)
 19.077min (-0.019) 0.22ng/ul m *JU 08/05/19*

response 5226

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\BM080319\
Quantitation Report (Qedit)

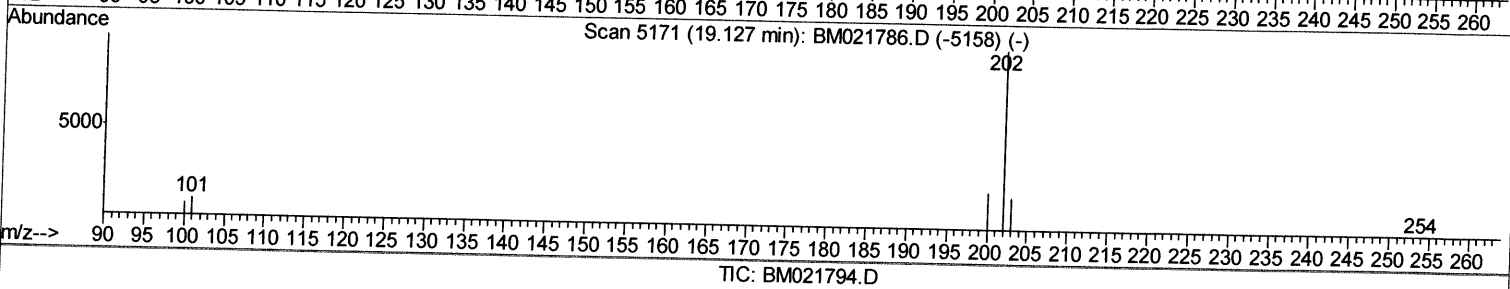
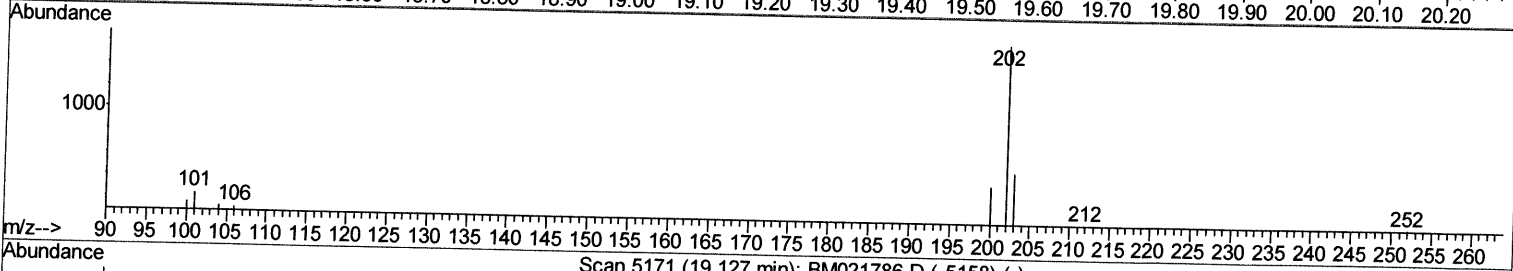
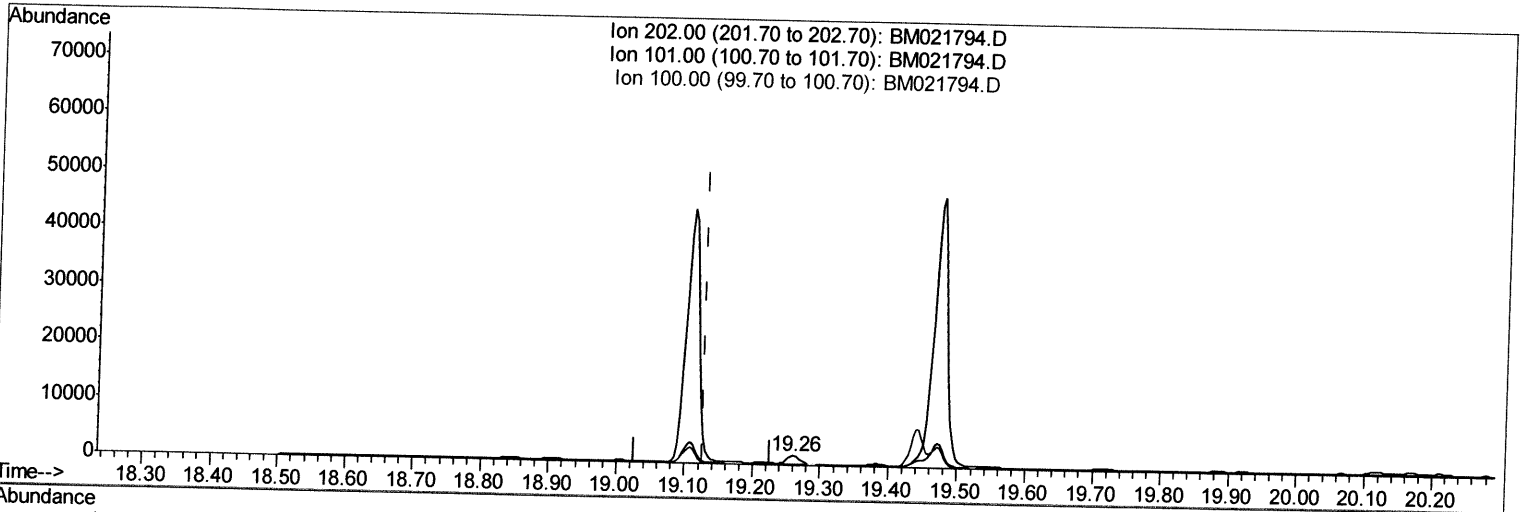
Data File : BM021794.D
Acq On : 04 Aug 2019 03:52
Operator : HP/JU
Sample : K3850-16
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENR8

Manual Integrations
APPROVED

mohammad
8/5/2019 10:14:23 PM

Quant Time: Aug 04 05:13:44 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)
19.260min (+0.133) 0.07ng/ul
response 1876

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	14.15
100.00	8.10	9.69
0.00	0.00	0.00

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

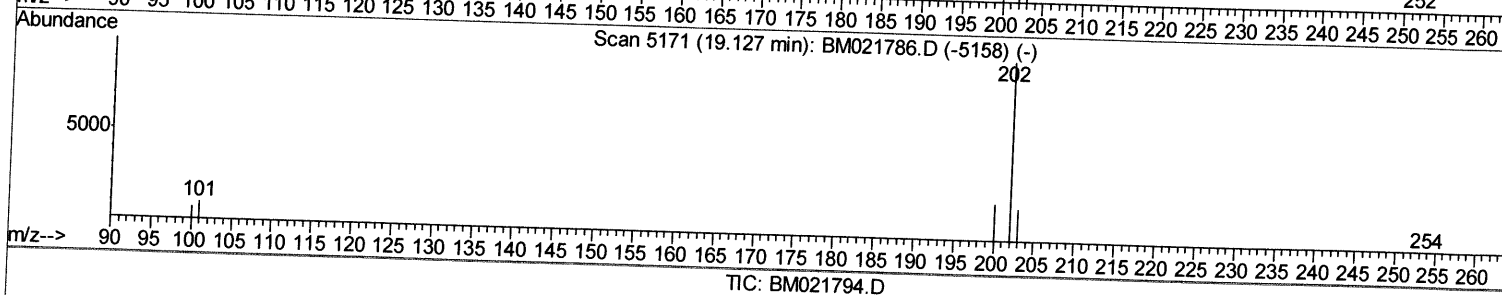
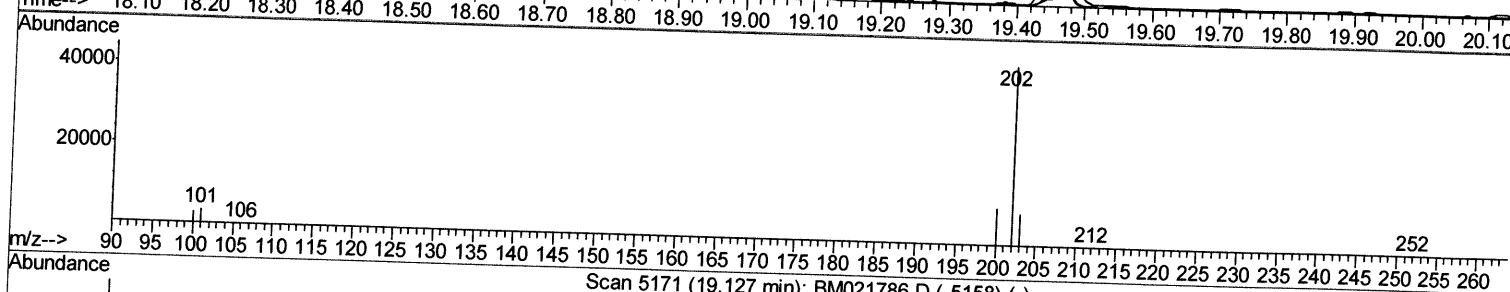
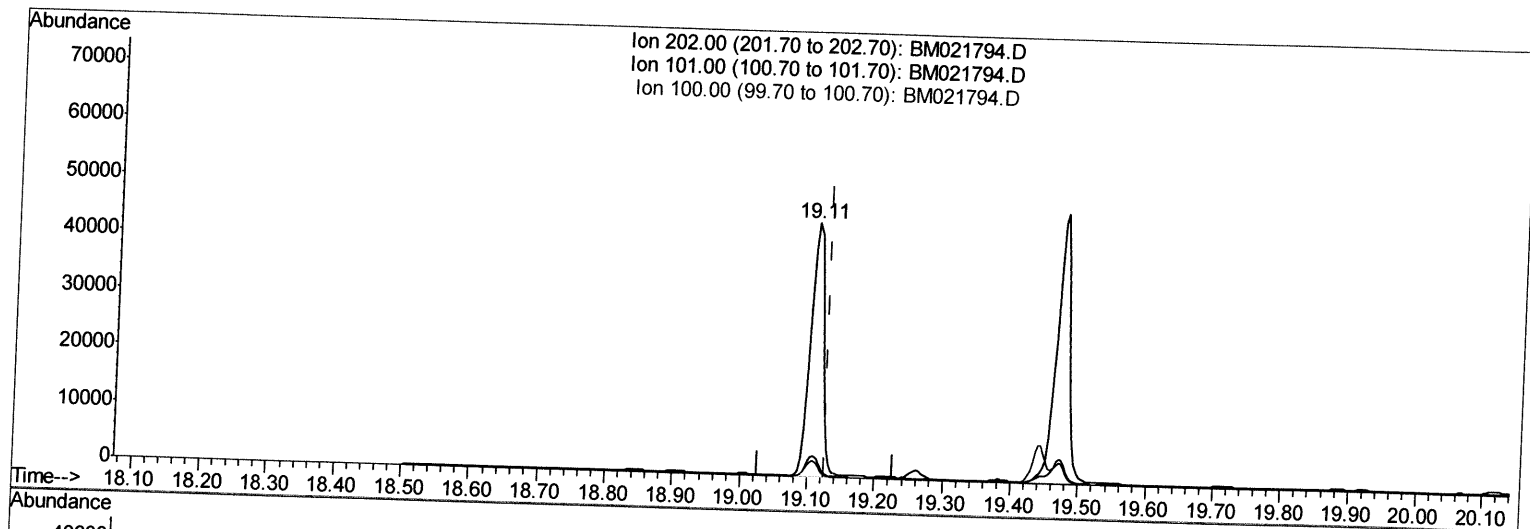
Data File : BM021794.D
 Acq On : 04 Aug 2019 03:52
 Operator : HP/JU
 Sample : K3850-16
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 BENR8

Manual Integrations
 APPROVED

mohammad
 8/5/2019 10:14:23 PM

Quant Time: Aug 04 05:13:44 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)

19.108min (-0.019) 2.14ng/ul m *JU 08/05/19*

response 59063

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	8.05
100.00	8.10	6.21
0.00	0.00	0.00

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

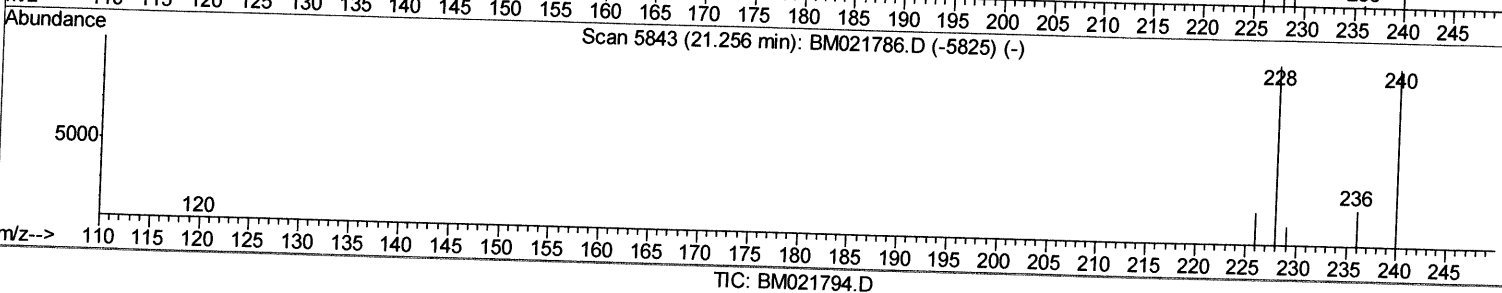
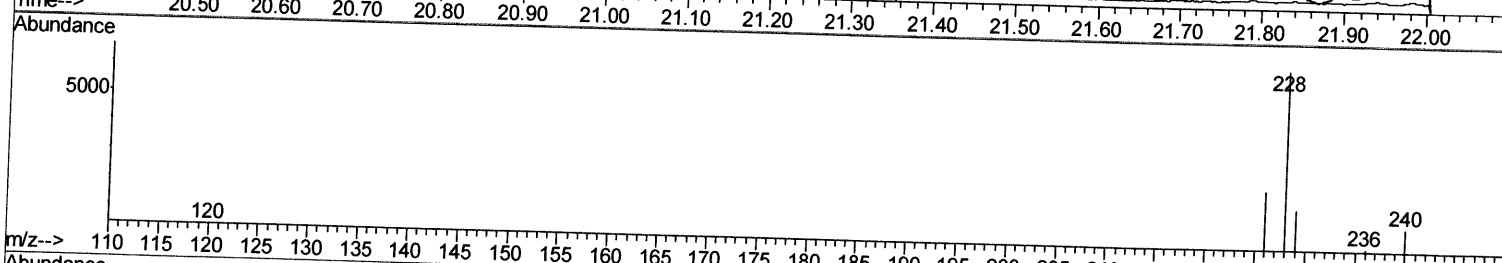
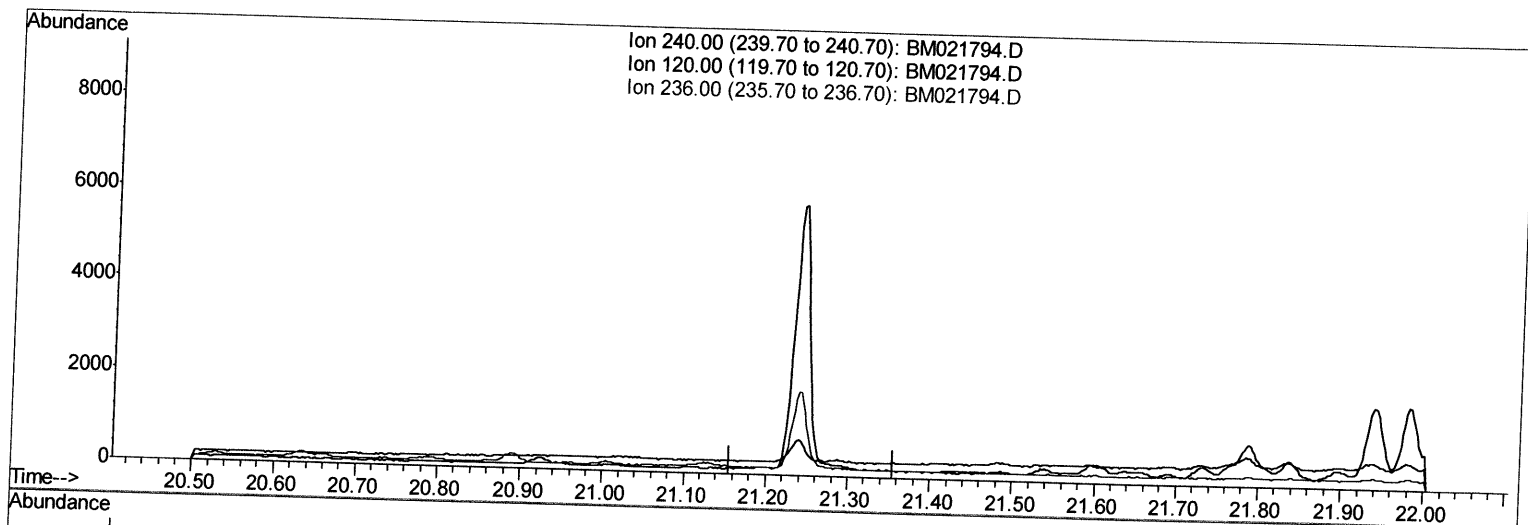
Data File : BM021794.D
Acq On : 04 Aug 2019 03:52
Operator : HP/JU
Sample : K3850-16
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BENR8

Manual Integrations
APPROVED

mohammad
8/5/2019 10:14:23 PM

Quant Time: Aug 04 05:13:44 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)

21.256min (-21.256) 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\BM080319\
Quantitation Report (Qedit)

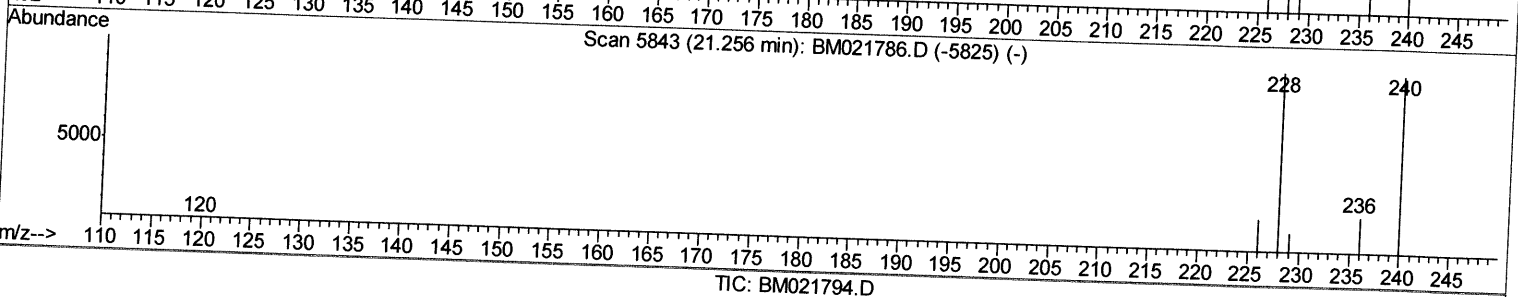
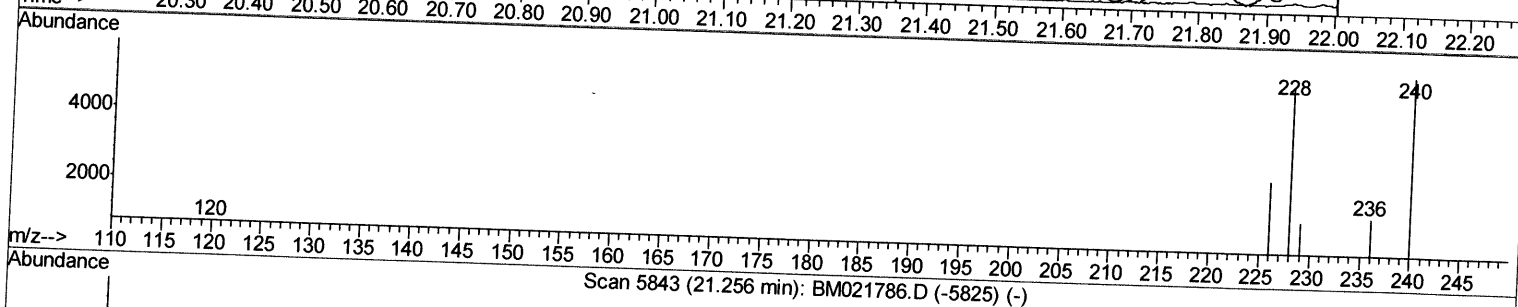
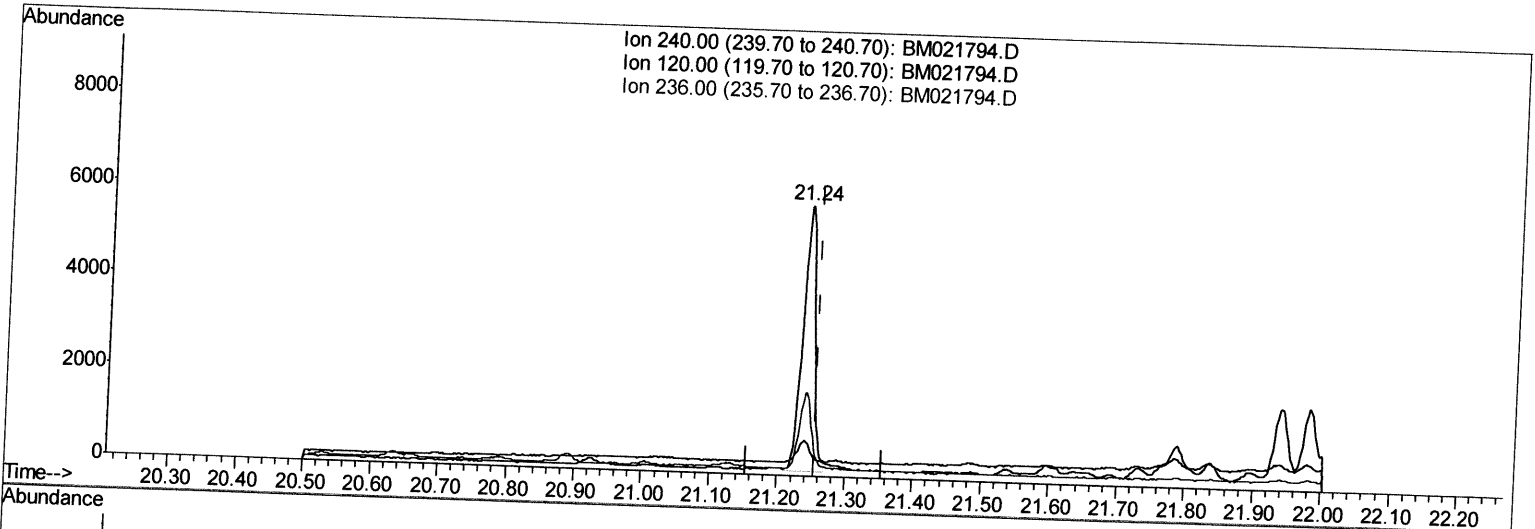
Data File : BM021794.D
Acq On : 04 Aug 2019 03:52
Operator : HP/JU
Sample : K3850-16
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BENR8

Manual Integrations
APPROVED

mohammad
8/5/2019 10:14:23 PM

Quant Time: Aug 04 05:13:44 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)

21.241min (-0.015) 0.40ng/ul m *JU 08/05/19*

response 7352

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	12.92#
236.00	32.30	30.76
0.00	0.00	0.00

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

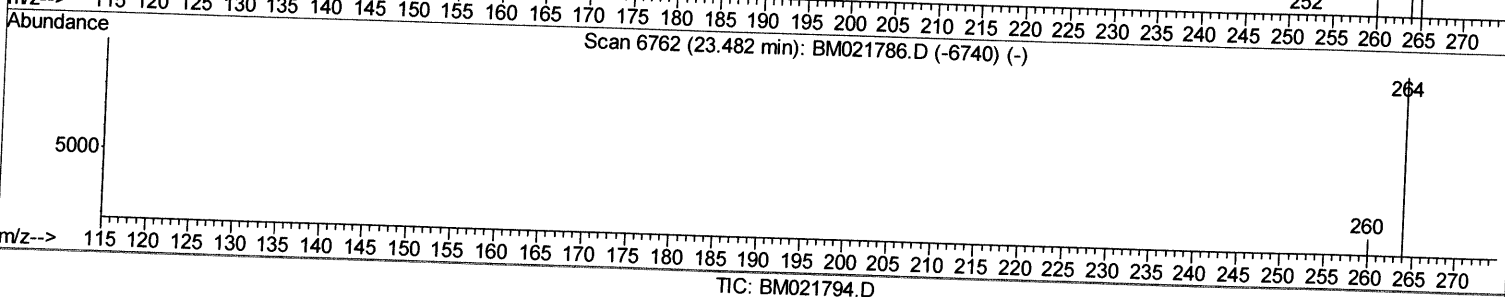
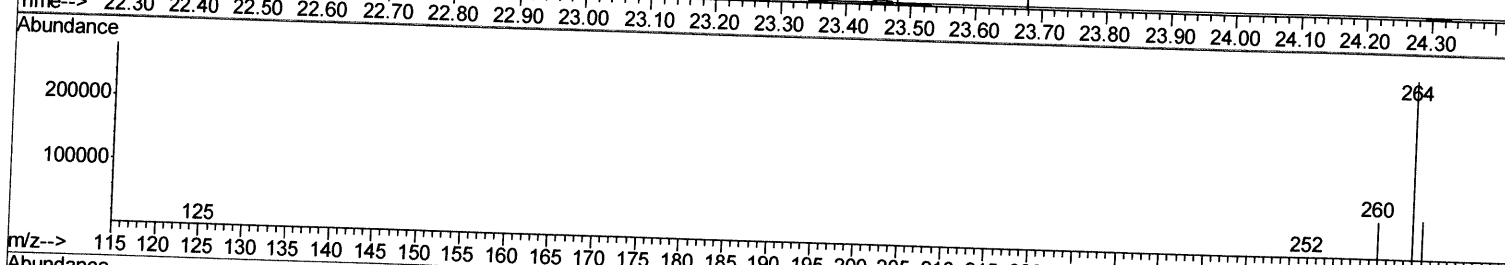
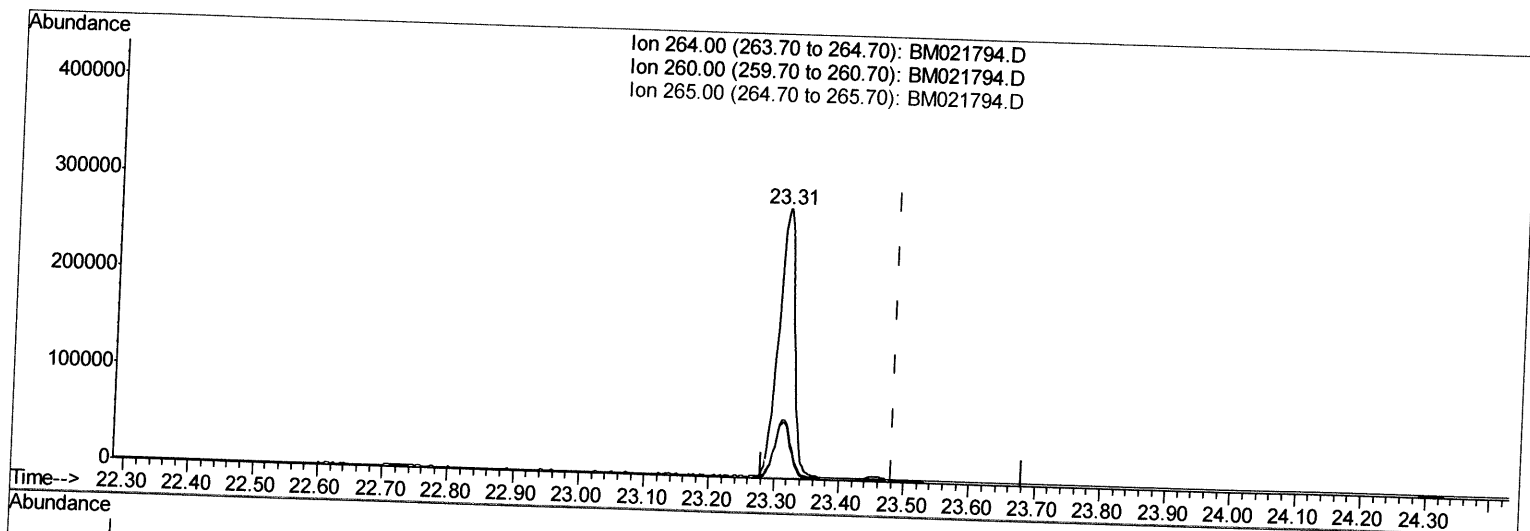
Data File : BM021794.D
Acq On : 04 Aug 2019 03:52
Operator : HP/JU
Sample : K3850-16
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BENR8

Manual Integrations
APPROVED

mohammad
8/5/2019 10:14:23 PM

Quant Time: Aug 04 05:14:49 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: BM021794.D

(20) Perylene-d12 (I)
23.312min (-0.170) 0.40ng/ul
response 483475

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	21.12#
265.00	117.00	21.94#
0.00	0.00	0.00

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

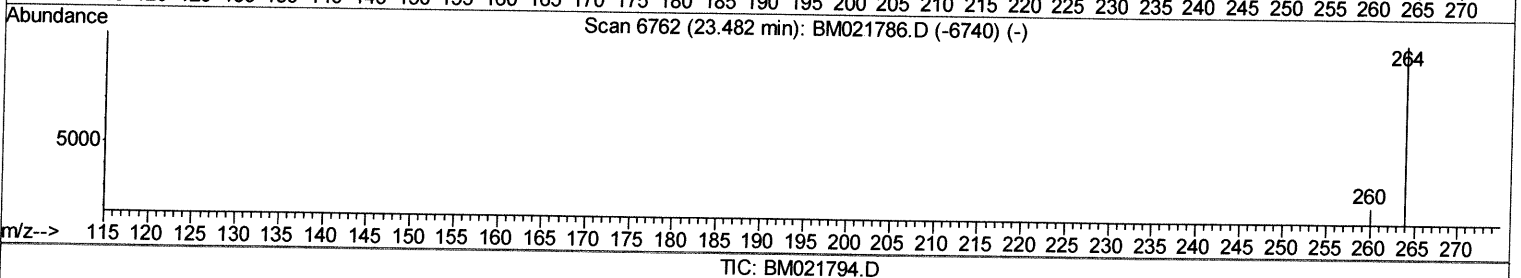
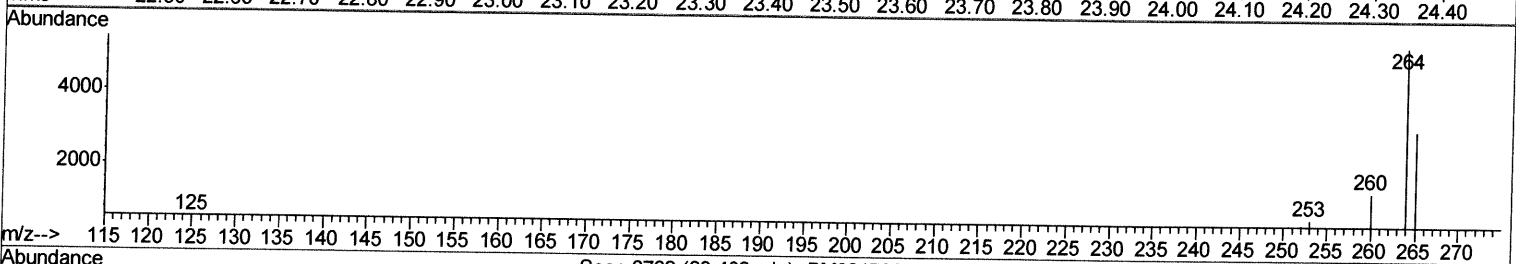
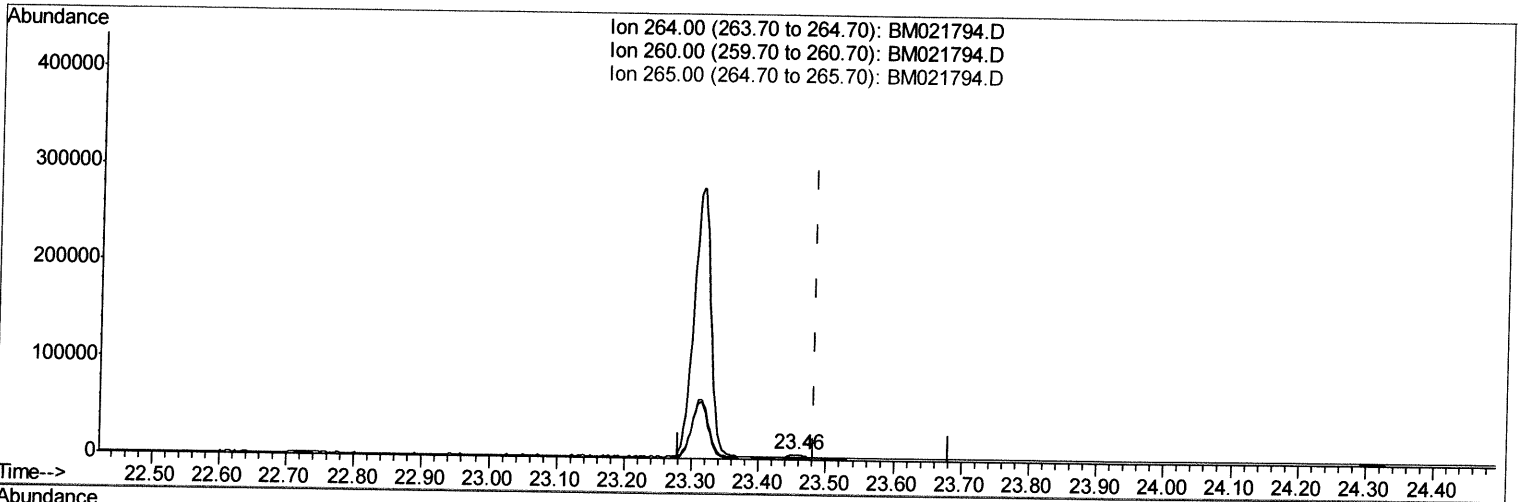
Data File : BM021794.D
Acq On : 04 Aug 2019 03:52
Operator : HP/JU
Sample : K3850-16
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BENR8

Manual Integrations
APPROVED

mohammad
8/5/2019 10:14:23 PM

Quant Time: Aug 04 05:14:49 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: BM021794.D

(20) Perylene-d12 (I)

23.457min (-0.024) 0.40ng/ul m *JU 05/05/19*

response 7944

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	27.11
265.00	117.00	58.49#
0.00	0.00	0.00

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

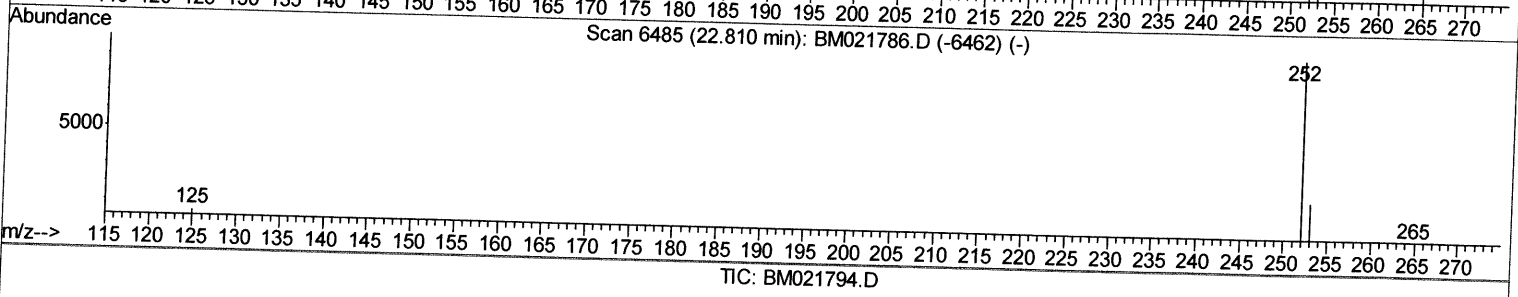
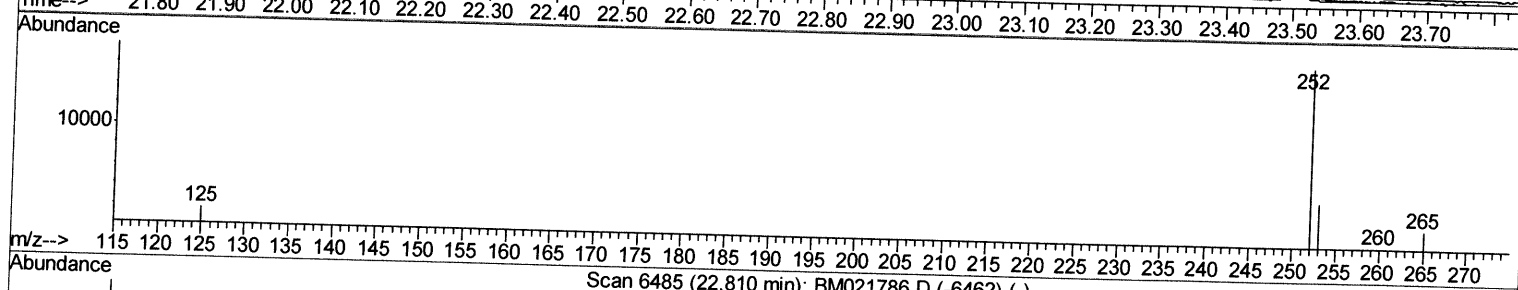
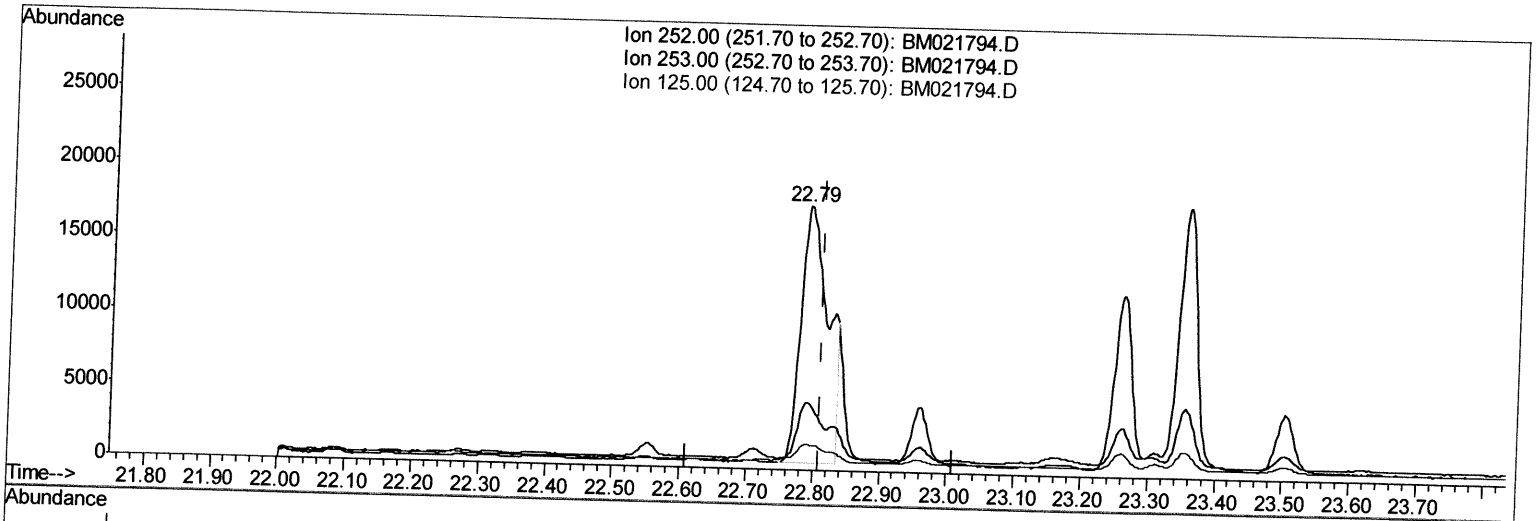
Data File : BM021794.D
Acq On : 04 Aug 2019 03:52
Operator : HP/JU
Sample : K3850-16
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BENR8

Manual Integrations
APPROVED

mohammad
8/5/2019 10:14:23 PM

Quant Time: Aug 04 05:15:14 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
22.789min (-0.022) 1.80ng/ul
response 48267

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	25.56
125.00	15.50	9.58
0.00	0.00	0.00

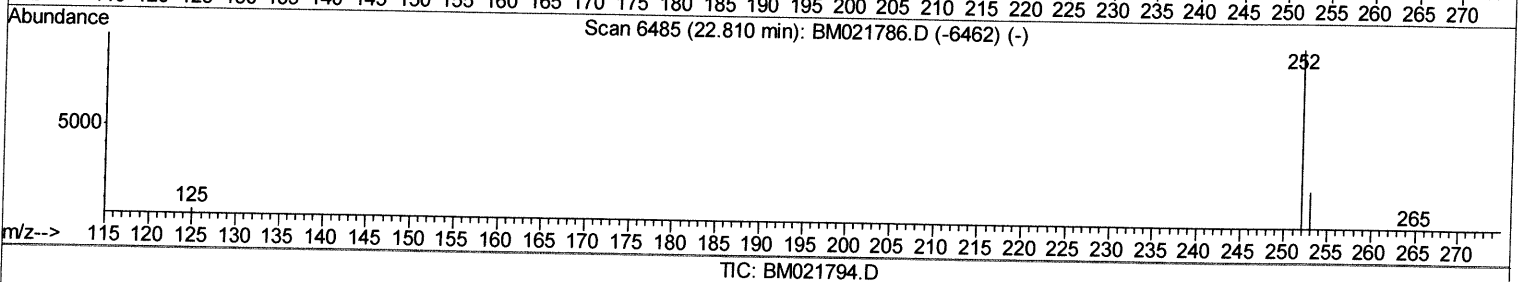
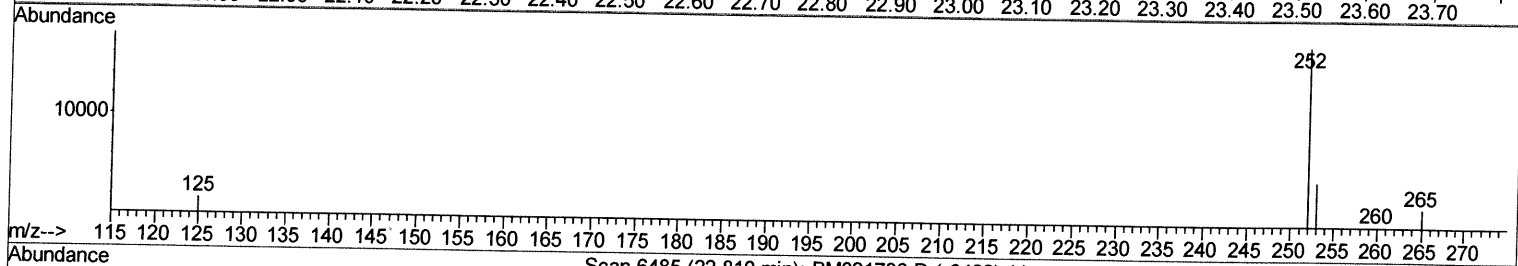
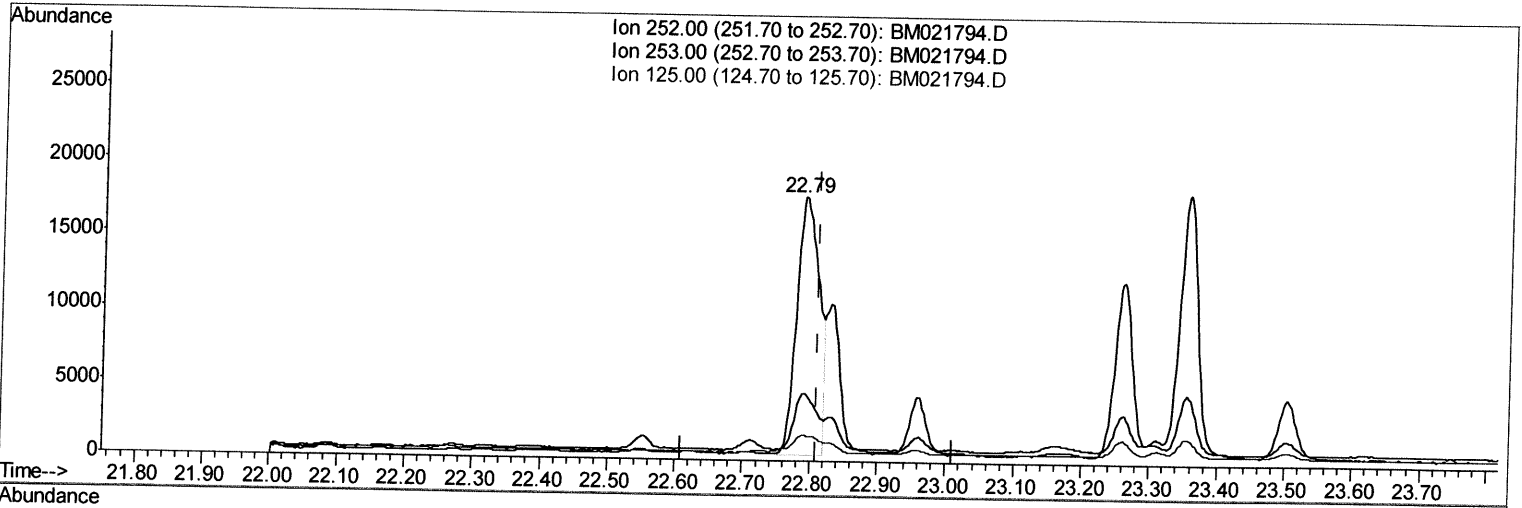
Data File : BM021794.D
Acq On : 04 Aug 2019 03:52
Operator : HP/JU
Sample : K3850-16
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BENR8

Manual Integrations
APPROVED

mohammad
8/5/2019 10:14:23 PM

Quant Time: Aug 04 05:15:14 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: BM021794.D

(21) Benzo(b)fluoranthene

22.789min (-0.022) 1.50ng/ul m *JU 08/05/19*

response 40112

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	25.56
125.00	15.50	9.58
0.00	0.00	0.00

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

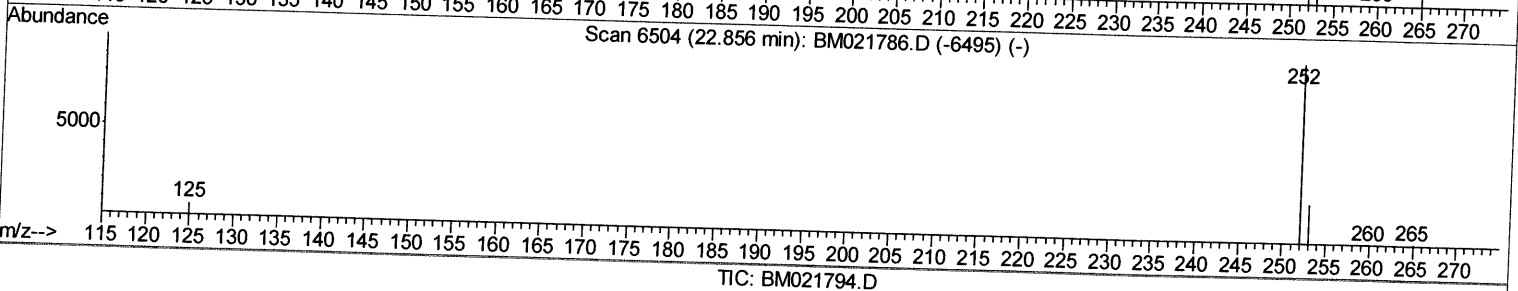
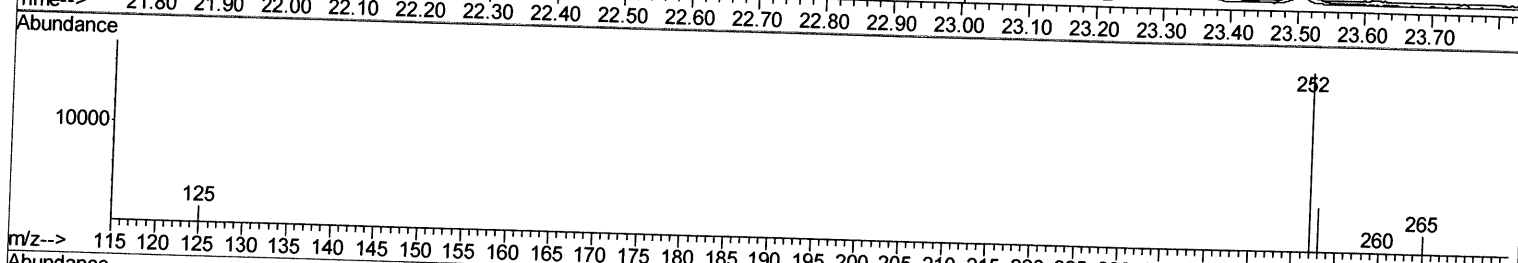
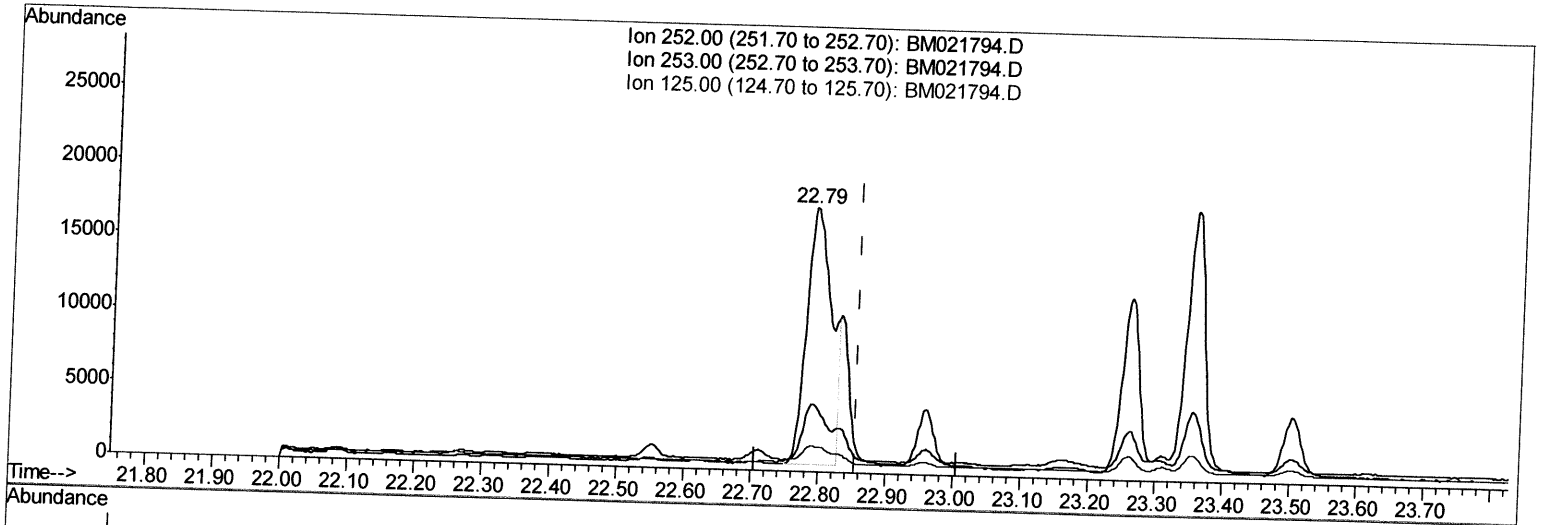
Data File : BM021794.D
Acq On : 04 Aug 2019 03:52
Operator : HP/JU
Sample : K3850-16
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BENR8

Manual Integrations
APPROVED

mohammad
8/5/2019 10:14:23 PM

Quant Time: Aug 04 05:15:14 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
22.789min (-0.068) 1.45ng/ul
response 43951

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	25.56#
125.00	15.20	9.58#
0.00	0.00	0.00

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

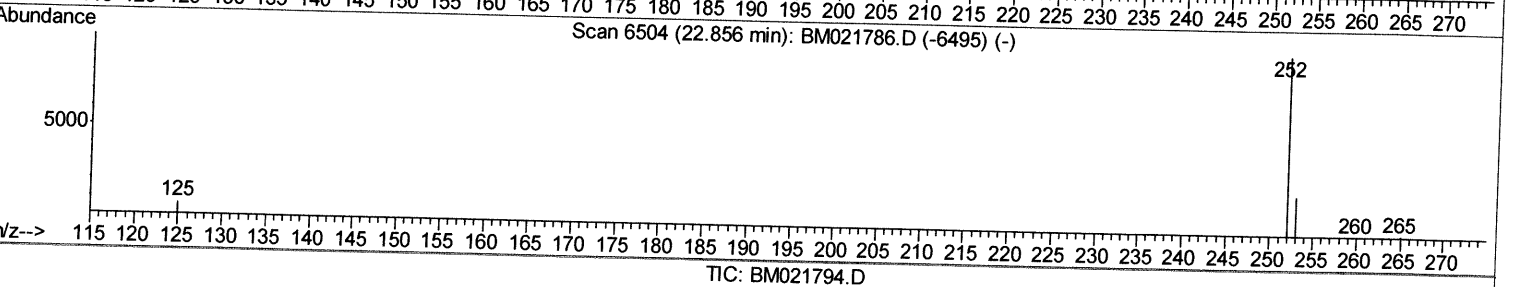
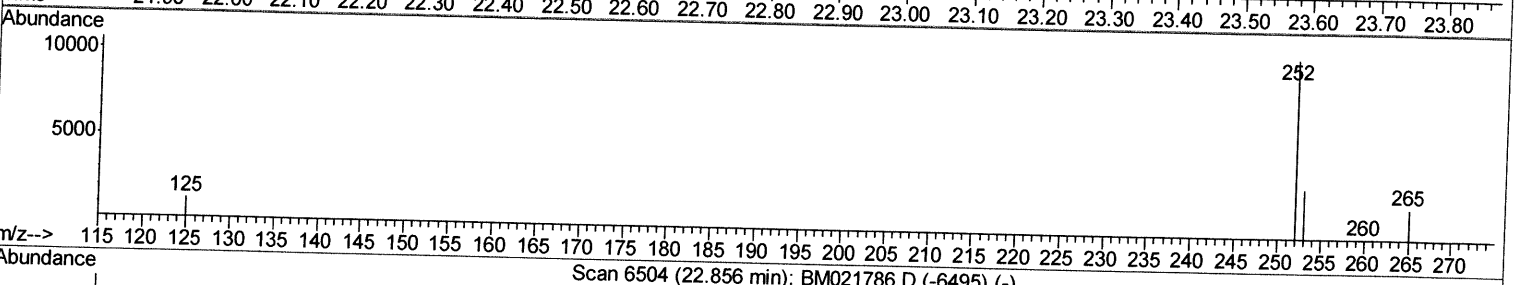
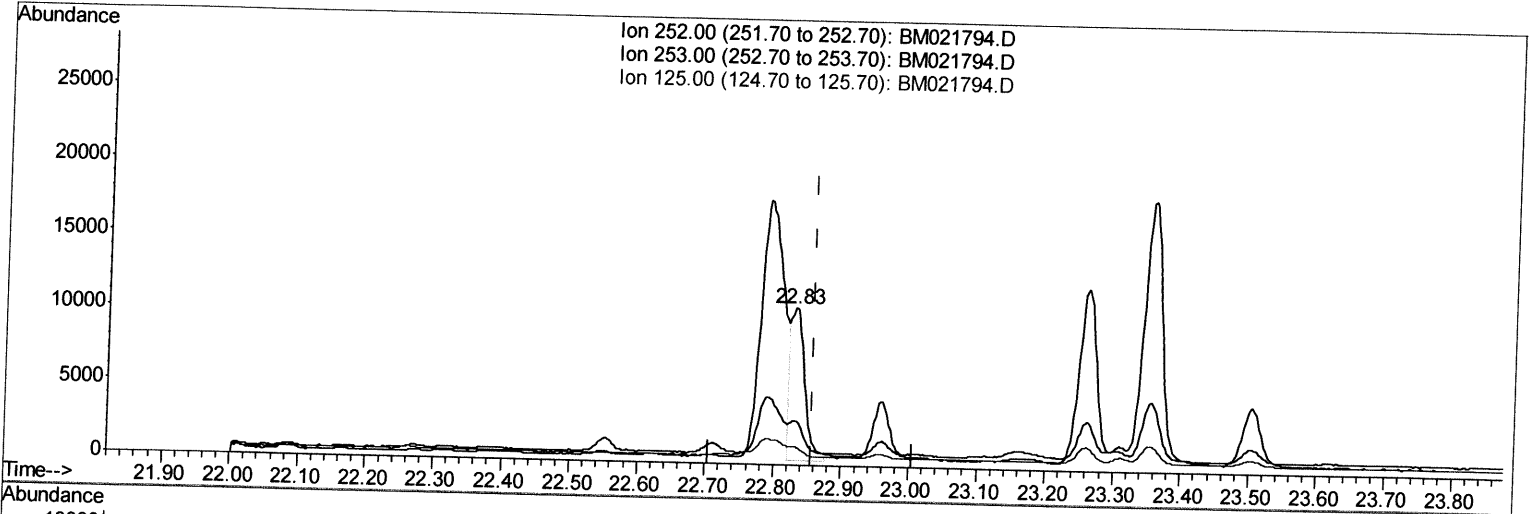
Data File : BM021794.D
Acq On : 04 Aug 2019 03:52
Operator : HP/JU
Sample : K3850-16
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BENR8

Manual Integrations
APPROVED

mohammad
8/5/2019 10:14:23 PM

Quant Time: Aug 04 05:15:14 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

22.830min (-0.027) 0.50ng/ul m *JO 08/05/19*

response 15238

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	28.09
125.00	15.20	11.80#
0.00	0.00	0.00

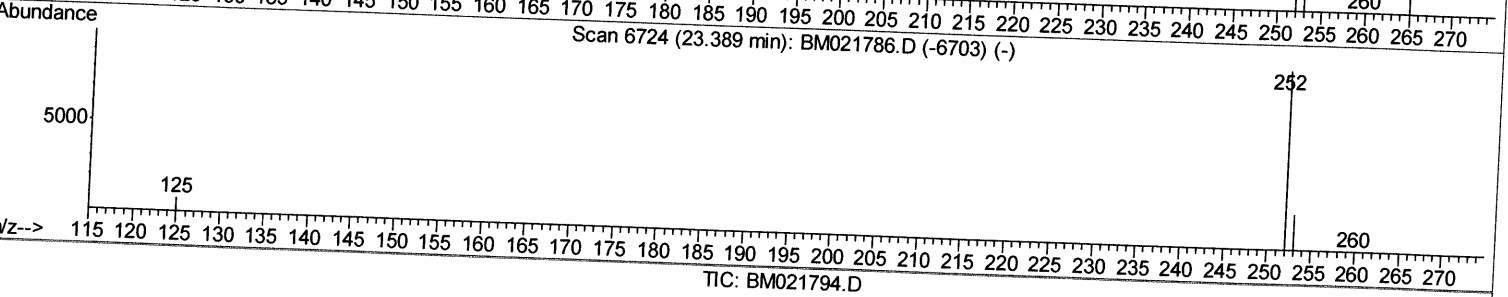
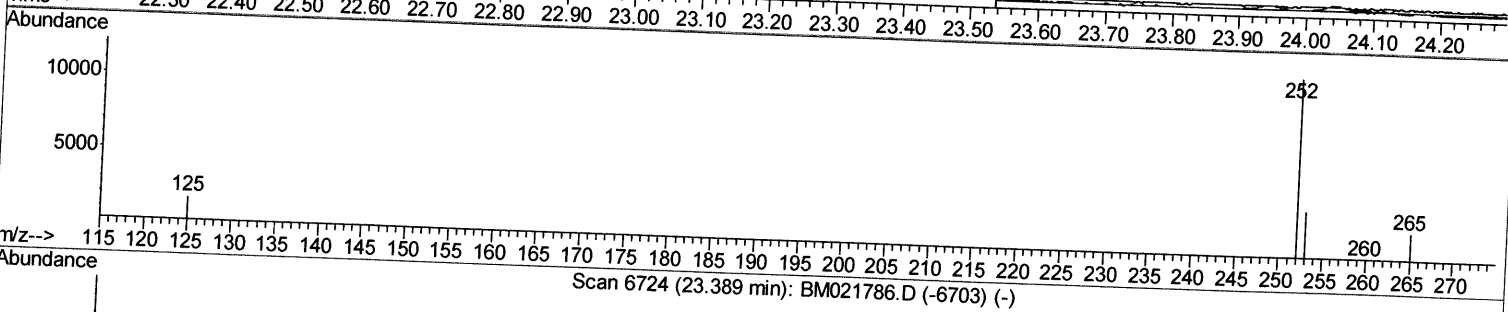
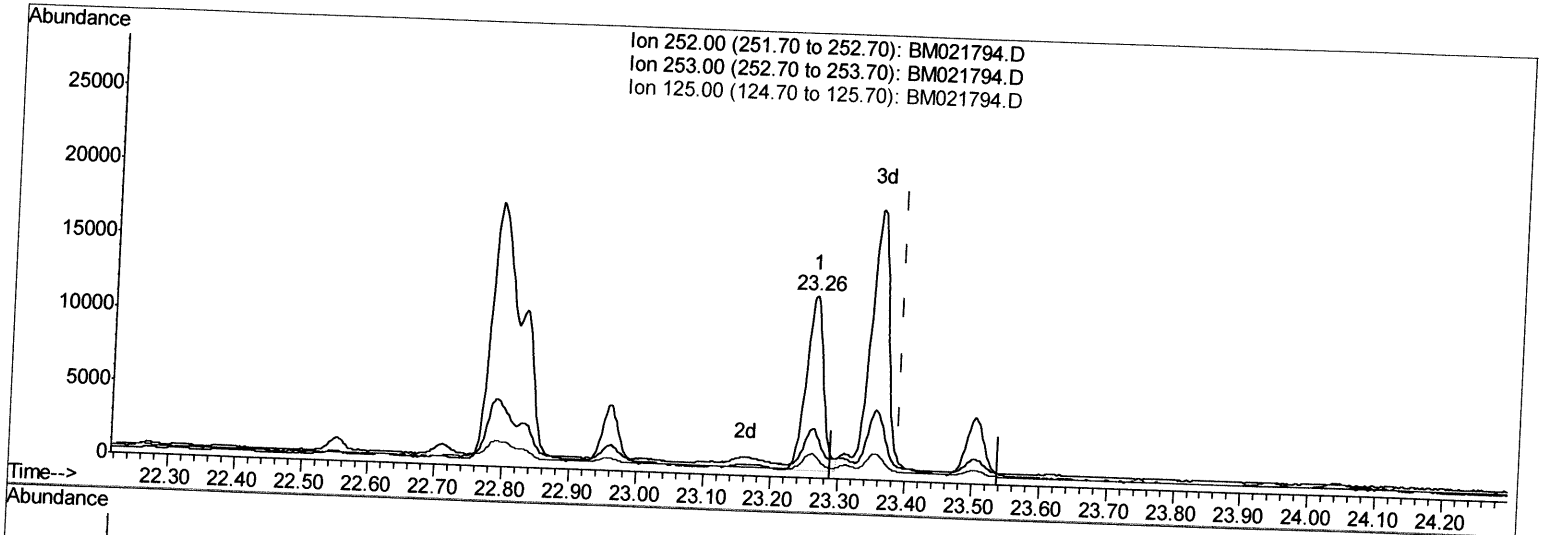
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
 Quantitation Report (Qedit)

Data File : BM021794.D
 Acq On : 04 Aug 2019 03:52
 Operator : HP/JU
 Sample : K3850-16
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 BENR8

Manual Integrations
 APPROVED
 mohammad
 8/5/2019 10:14:23 PM

Quant Time: Aug 04 05:15:14 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)
 23.261min (-0.128) 0.79ng/ul
 response 21517

Ion	Exp%	Act%
252.00	100	100
253.00	39.60	26.90#
125.00	18.20	13.27#
0.00	0.00	0.00

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

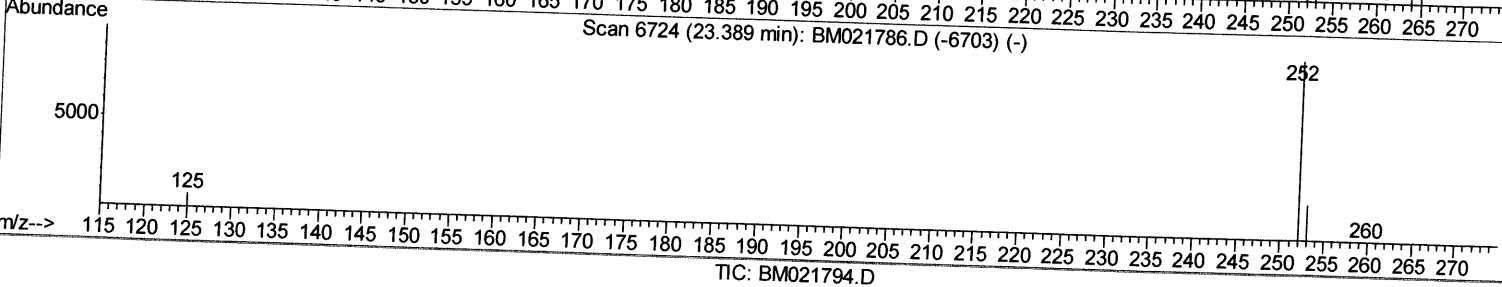
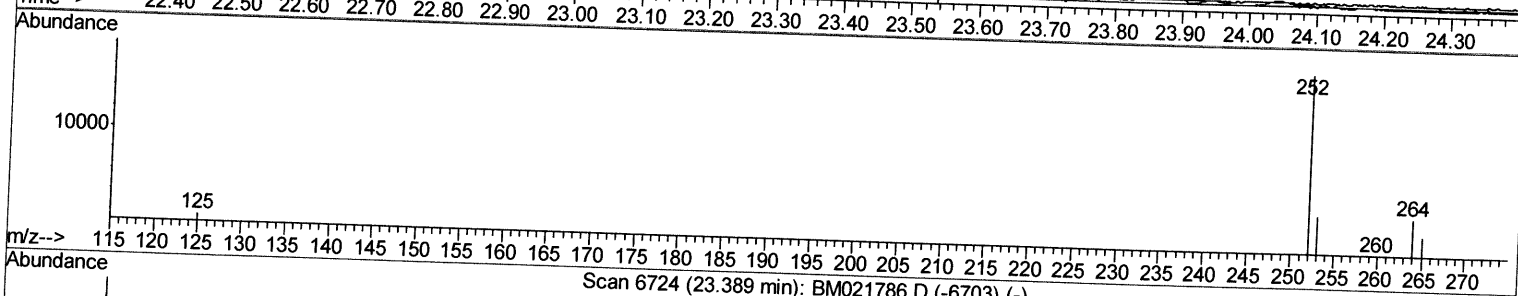
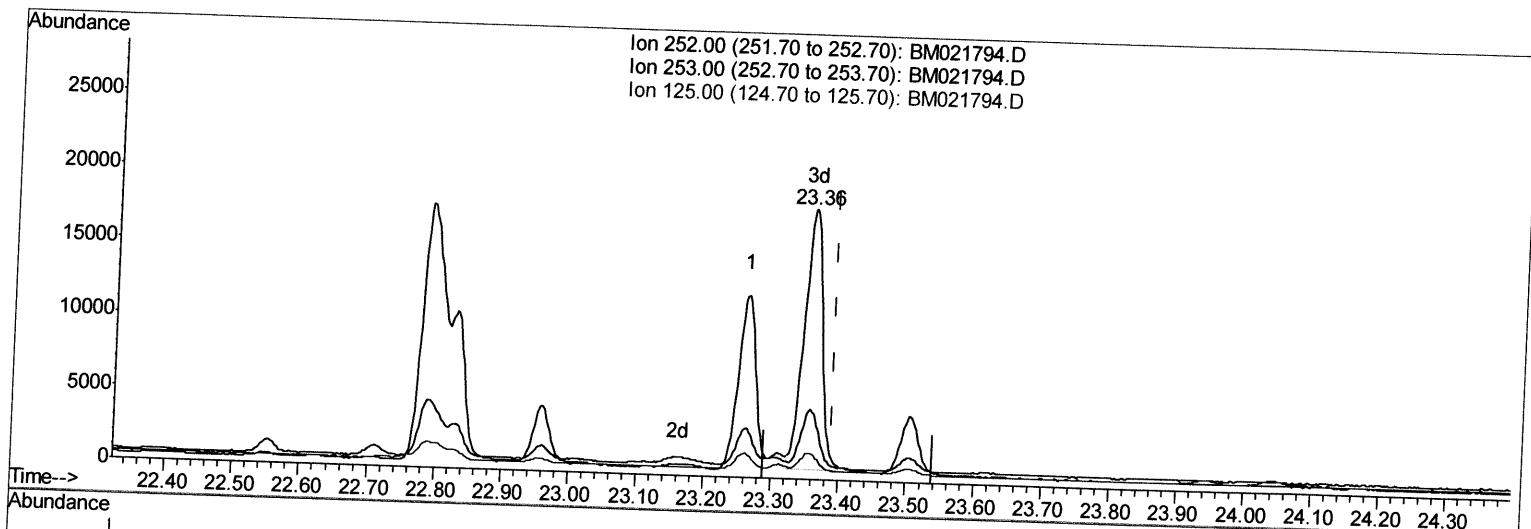
Data File : BM021794.D
Acq On : 04 Aug 2019 03:52
Operator : HP/JU
Sample : K3850-16
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BENR8

Manual Integrations
APPROVED

mohammad
8/5/2019 10:14:23 PM

Quant Time: Aug 04 05:15:14 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: BM021794.D

(23) Benzo(a)pyrene (C) *JU*
23.355min (-0.034) 1.19ng/ul m *08/05/19*
response 32400

Ion	Exp%	Act%
252.00	100	100
253.00	39.60	25.89#
125.00	18.20	9.36#
0.00	0.00	0.00

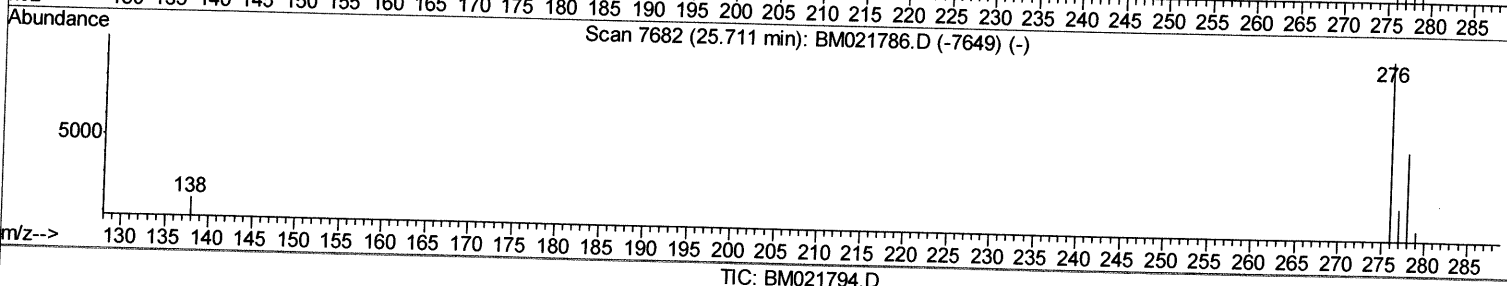
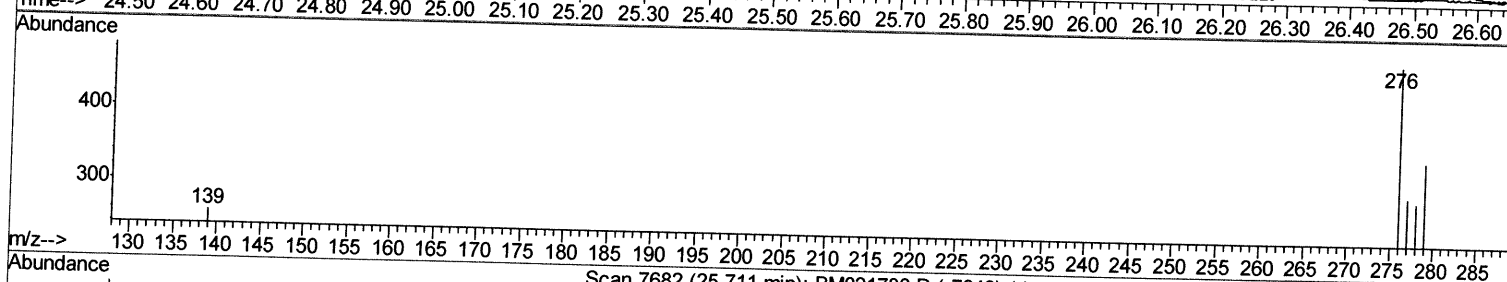
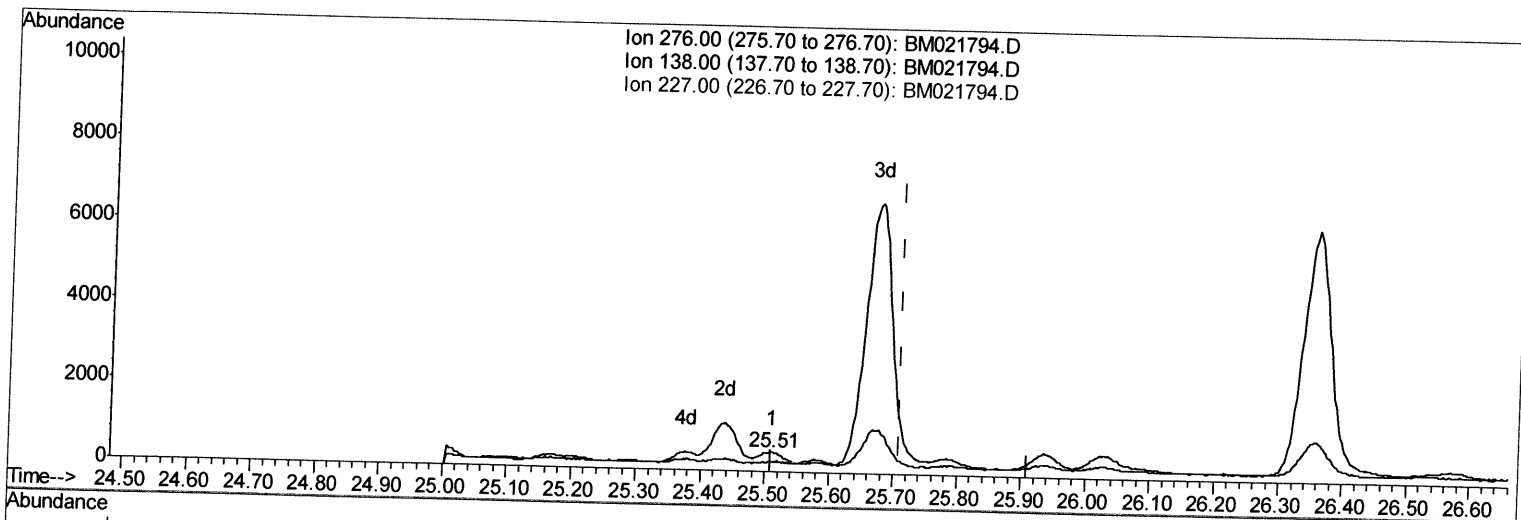
Data File : BM021794.D
 Acq On : 04 Aug 2019 03:52
 Operator : HP/JU
 Sample : K3850-16
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 BENR8

Manual Integrations
 APPROVED

mohammad
 8/5/2019 10:14:23 PM

Quant Time: Aug 04 05:15:14 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: BM021794.D

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

25.509min (-0.201) 0.02ng/ul

response 597

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

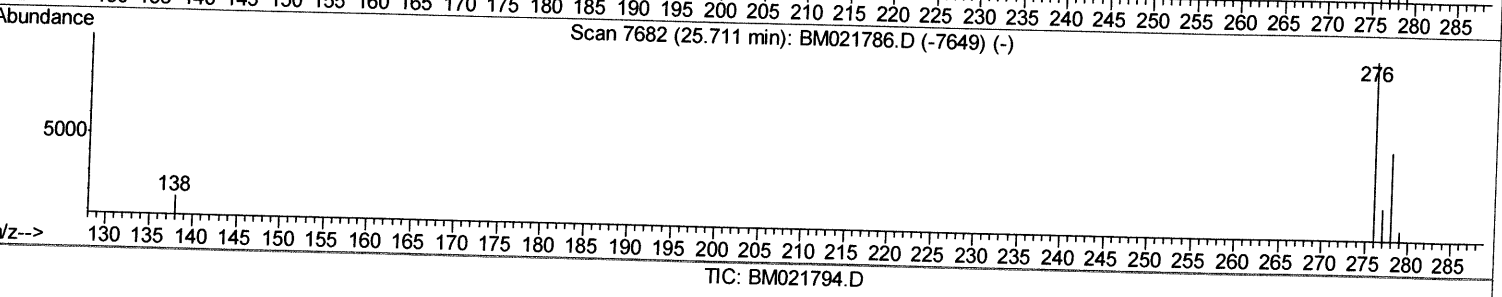
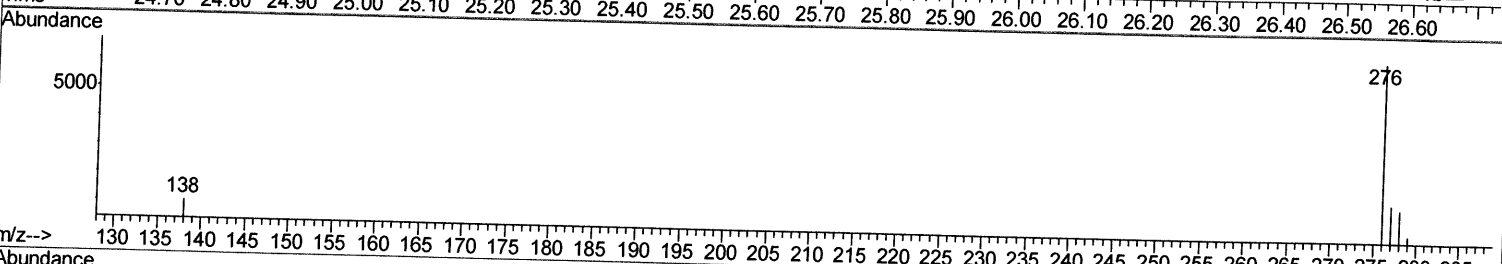
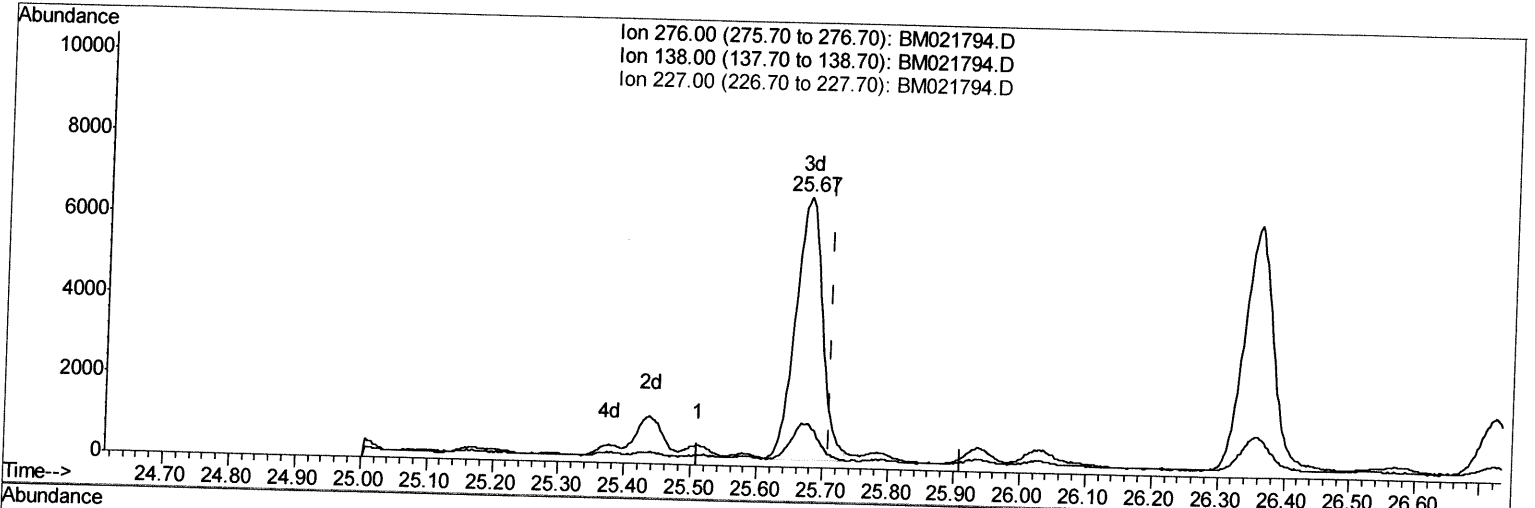
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
 Quantitation Report (Qedit)

Data File : BM021794.D
 Acq On : 04 Aug 2019 03:52
 Operator : HP/JU
 Sample : K3850-16
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENR8

Manual Integrations
 APPROVED
 mohammad
 8/5/2019 10:14:23 PM

Quant Time: Aug 04 05:15:14 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
 25.674min (-0.036) 0.57ng/ul m *JU 08/05/19*

response 18621

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

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

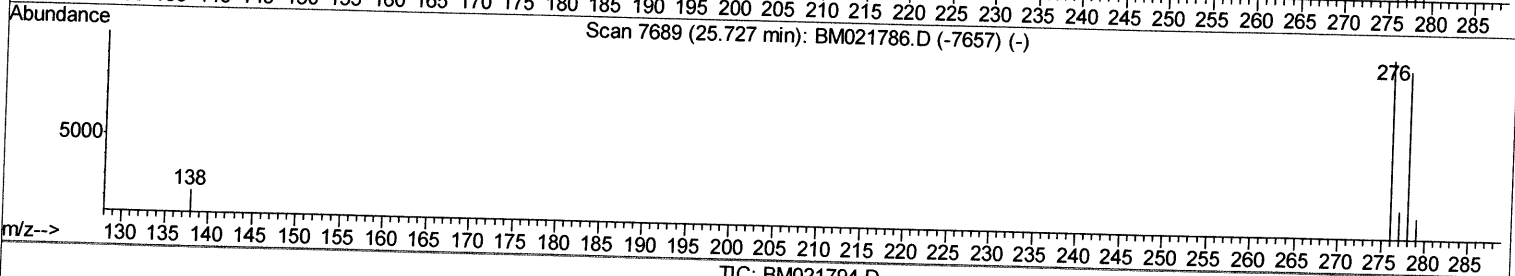
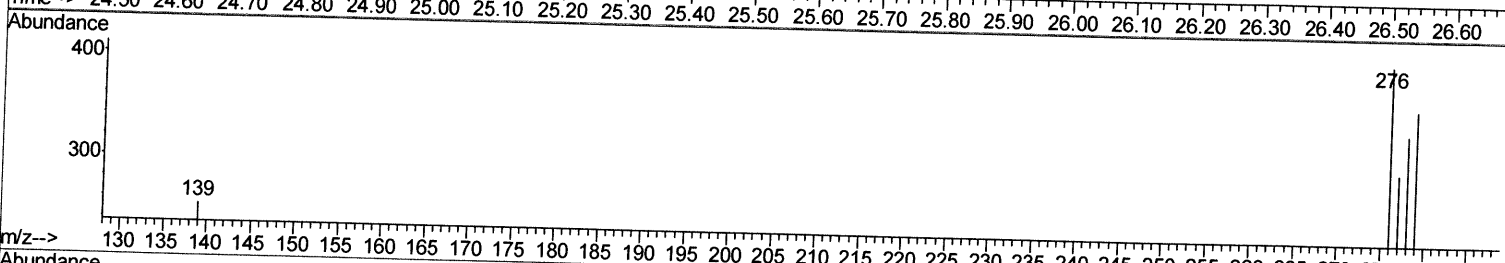
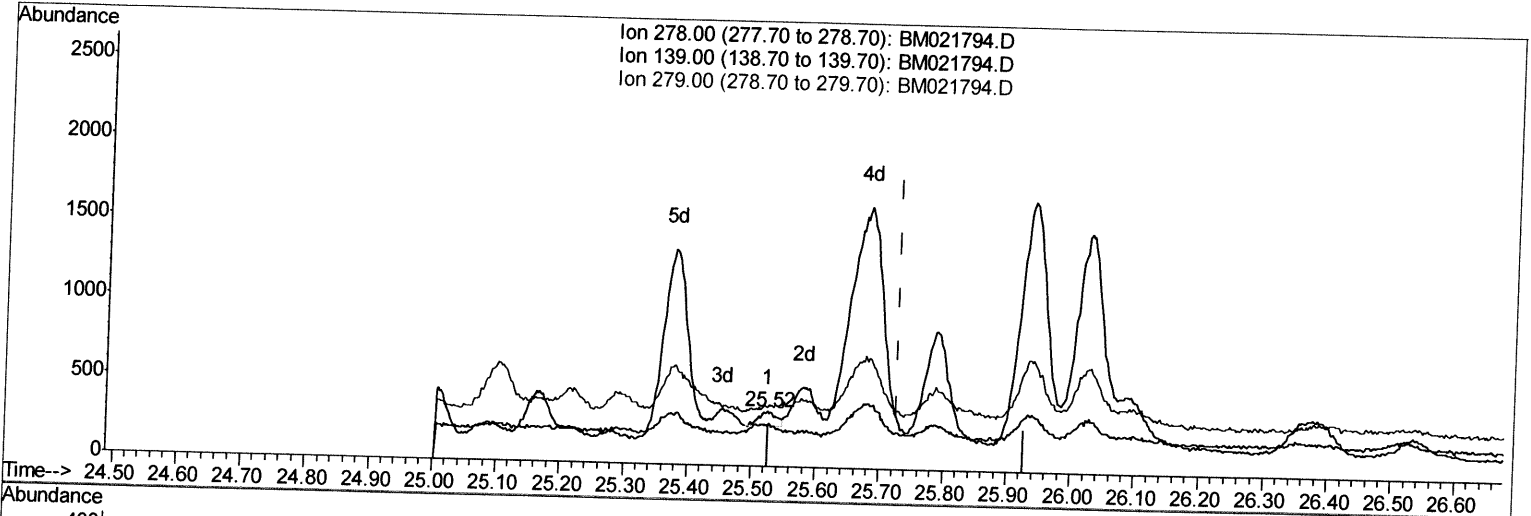
Data File : BM021794.D
Acq On : 04 Aug 2019 03:52
Operator : HP/JU
Sample : K3850-16
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BENR8

Manual Integrations
APPROVED

mohammad
8/5/2019 10:14:23 PM

Quant Time: Aug 04 05:15:14 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

25.524min (-0.204) 0.01ng/ul

response 173

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	74.05#
279.00	35.40	106.71#
0.00	0.00	0.00

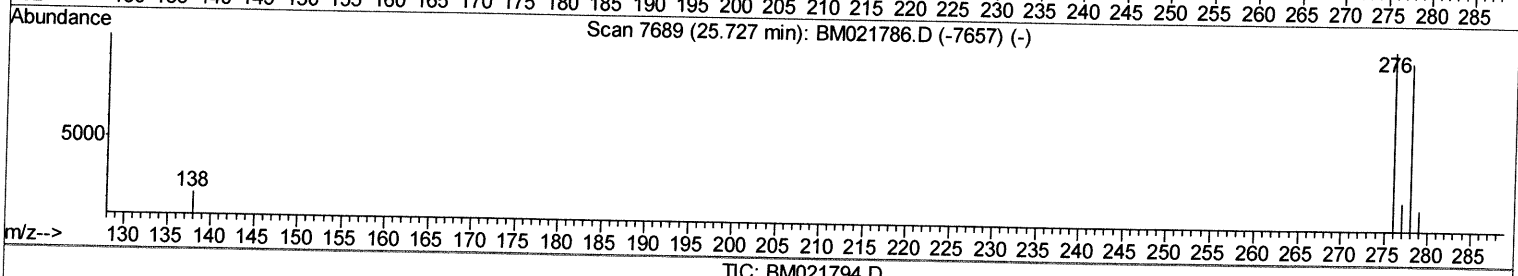
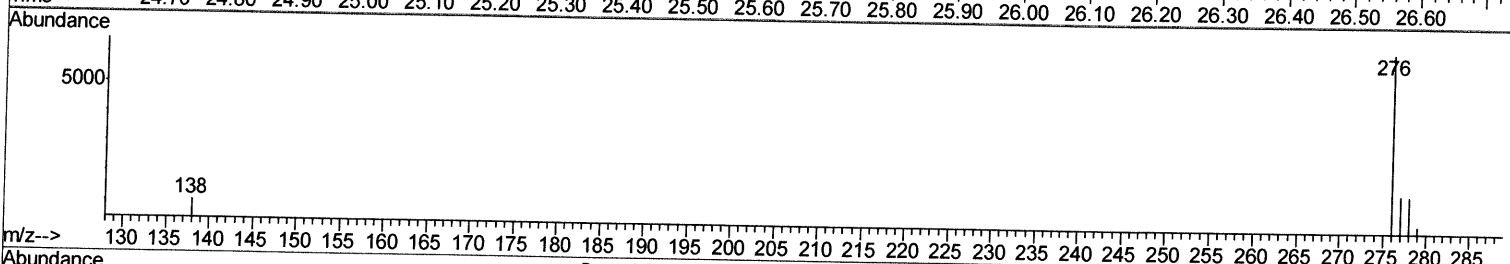
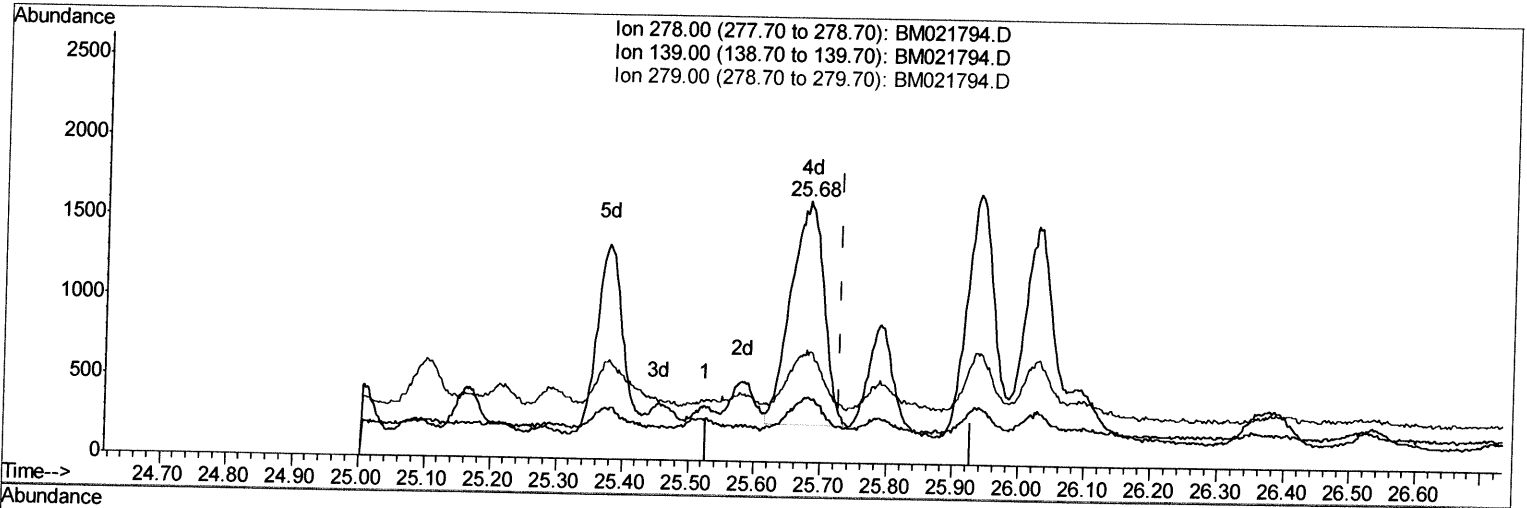
Data File : BM021794.D
 Acq On : 04 Aug 2019 03:52
 Operator : HP/JU
 Sample : K3850-16
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 BENR8

Manual Integrations
 APPROVED

mohammad
 8/5/2019 10:14:23 PM

Quant Time: Aug 04 05:15:14 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: BM021794.D

(25) Dibenzo(a,h)anthracene

25.679min (-0.048) 0.18ng/ul m

JU
08/05/19

response 4835

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	24.80#
279.00	35.40	41.11
0.00	0.00	0.00

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

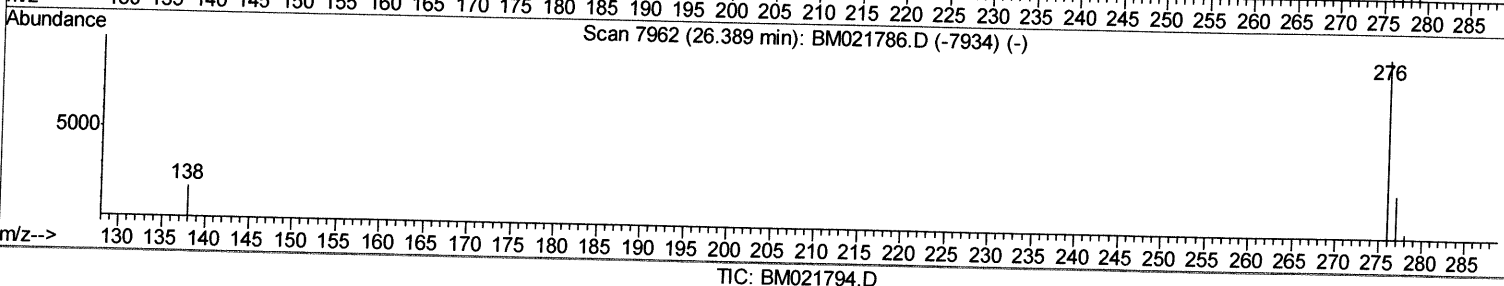
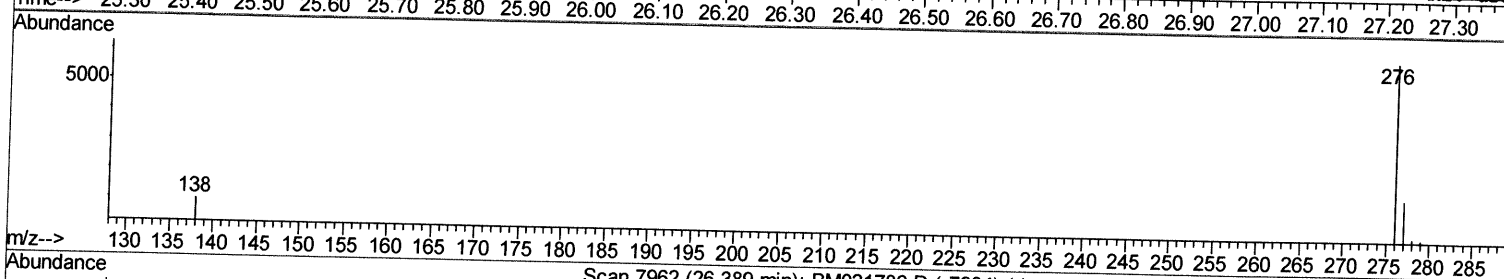
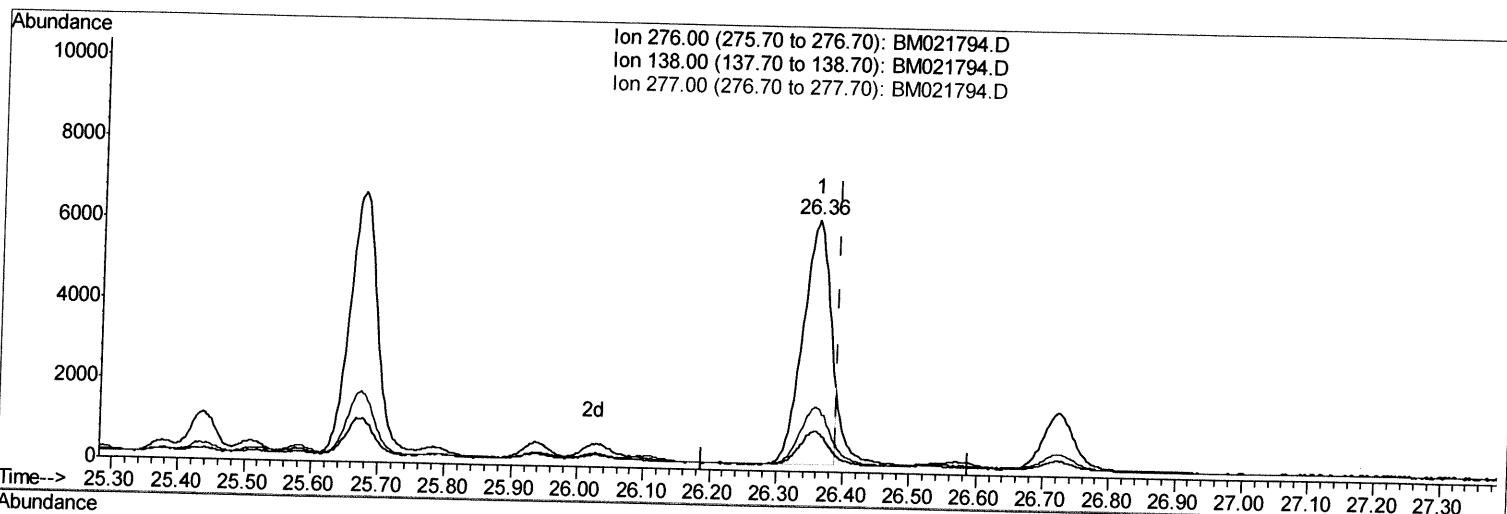
Data File : BM021794.D
Acq On : 04 Aug 2019 03:52
Operator : HP/JU
Sample : K3850-16
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BENR8

Manual Integrations
APPROVED

mohammad
8/5/2019 10:14:23 PM

Quant Time: Aug 04 05:15:14 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: BM021794.D

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

26.357min (-0.032) 0.58ng/ul

response 16951

Ion	Exp%	Act%
276.00	100	100
138.00	19.40	15.90
277.00	26.80	25.72
0.00	0.00	0.00

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

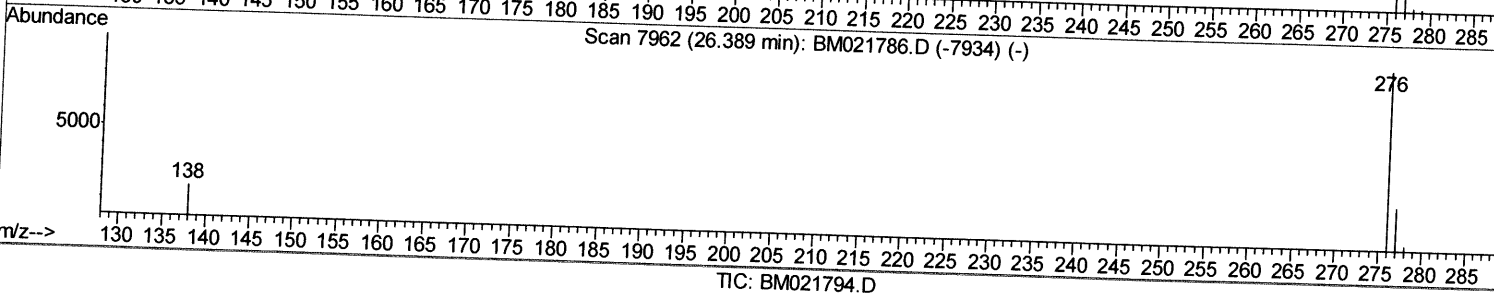
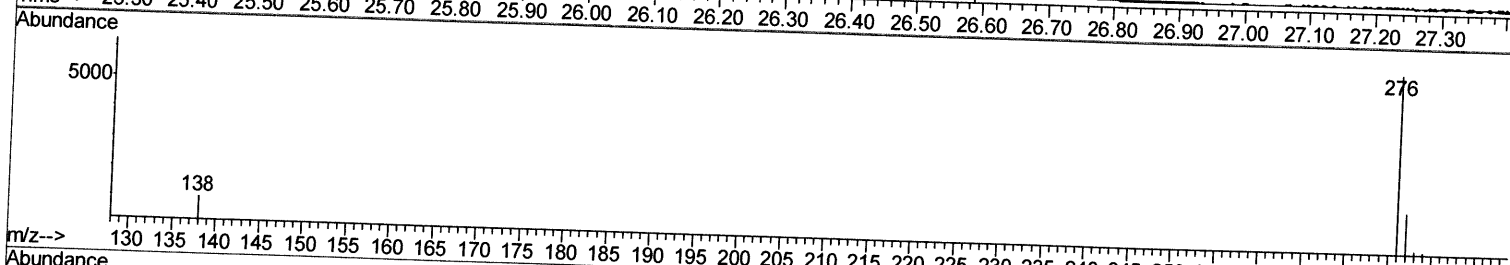
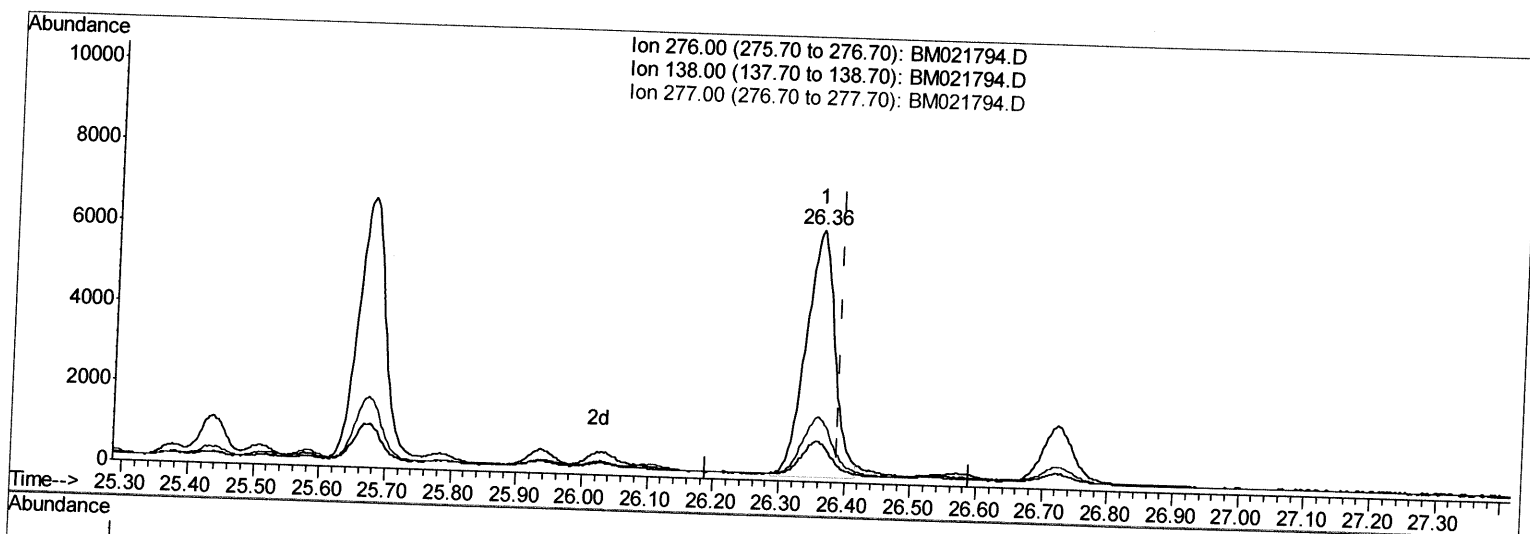
Data File : BM021794.D
Acq On : 04 Aug 2019 03:52
Operator : HP/JU
Sample : K3850-16
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BENR8

Manual Integrations
APPROVED

mohammad
8/5/2019 10:14:23 PM

Quant Time: Aug 04 05:15:14 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: BM021794.D

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

26.357min (-0.032) 0.64ng/ul m *Ju 08/05/19*

response 18777

Ion	Exp%	Act%
276.00	100	100
138.00	19.40	15.90
277.00	26.80	25.72
0.00	0.00	0.00

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

Quantitation Report (QT Reviewed)

Data File : BM021794.D

Acq On : 04 Aug 2019 03:52

Operator : HP/JU

Sample : K3850-16

Misc :

ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
Client Sampled : BENR8

Manual Integrations APPROVED

mohammad
8/5/2019 10:14:23 PM

Quant Time: Aug 04 05:17:02 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	1168	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.41	136	4522	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.29	164	2710	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.04	188	7076m >	0.40	ng/ul	-0.02
16) Chrysene-d12	21.24	240	7352m >	0.40	ng/ul	-0.01
20) Perylene-d12	23.46	264	7944m >	0.40	ng/ul	-0.02

JU 08/05/19

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.03	152	1332	0.18	ng/ul	-0.02
14) Fluoranthene-d10	19.08	212	5226m >	0.22	ng/ul	-0.02

JU 08/05/19

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.46	128	701	0.055	ng/ul#	78
5) 2-Methylnaphthalene	12.11	142	379	0.045	ng/ul	99
7) Acenaphthylene	14.01	152	1361	0.108	ng/ul#	94
8) Acenaphthene	14.35	153	1532	0.148	ng/ul	96
9) Fluorene	15.35	166	1692	0.147	ng/ul	99
12) Phenanthrene	17.09	178	32629m >	1.585	ng/ul	
13) Anthracene	17.18	178	7600m >	0.433	ng/ul	
15) Fluoranthene	19.11	202	59063m >	2.142	ng/ul	
17) Pyrene	19.47	202	64838	2.146	ng/ul#	95
18) Benzo(a)anthracene	21.22	228	36747	1.397	ng/ul	99
19) Chrysene	21.28	228	37660	1.114	ng/ul	98
21) Benzo(b)fluoranthene	22.79	252	40112m >	1.497	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	15238m >	0.503	ng/ul	
23) Benzo(a)pyrene	23.36	252	32400m >	1.189	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.67	276	18621m >	0.572	ng/ul	
25) Dibenzo(a,h)anthracene	25.68	278	4835m >	0.184	ng/ul	
26) Benzo(g,h,i)perylene	26.36	276	18777m >	0.641	ng/ul	

JU 08/05/19

JU 08/05/19

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