

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (QT Reviewed)

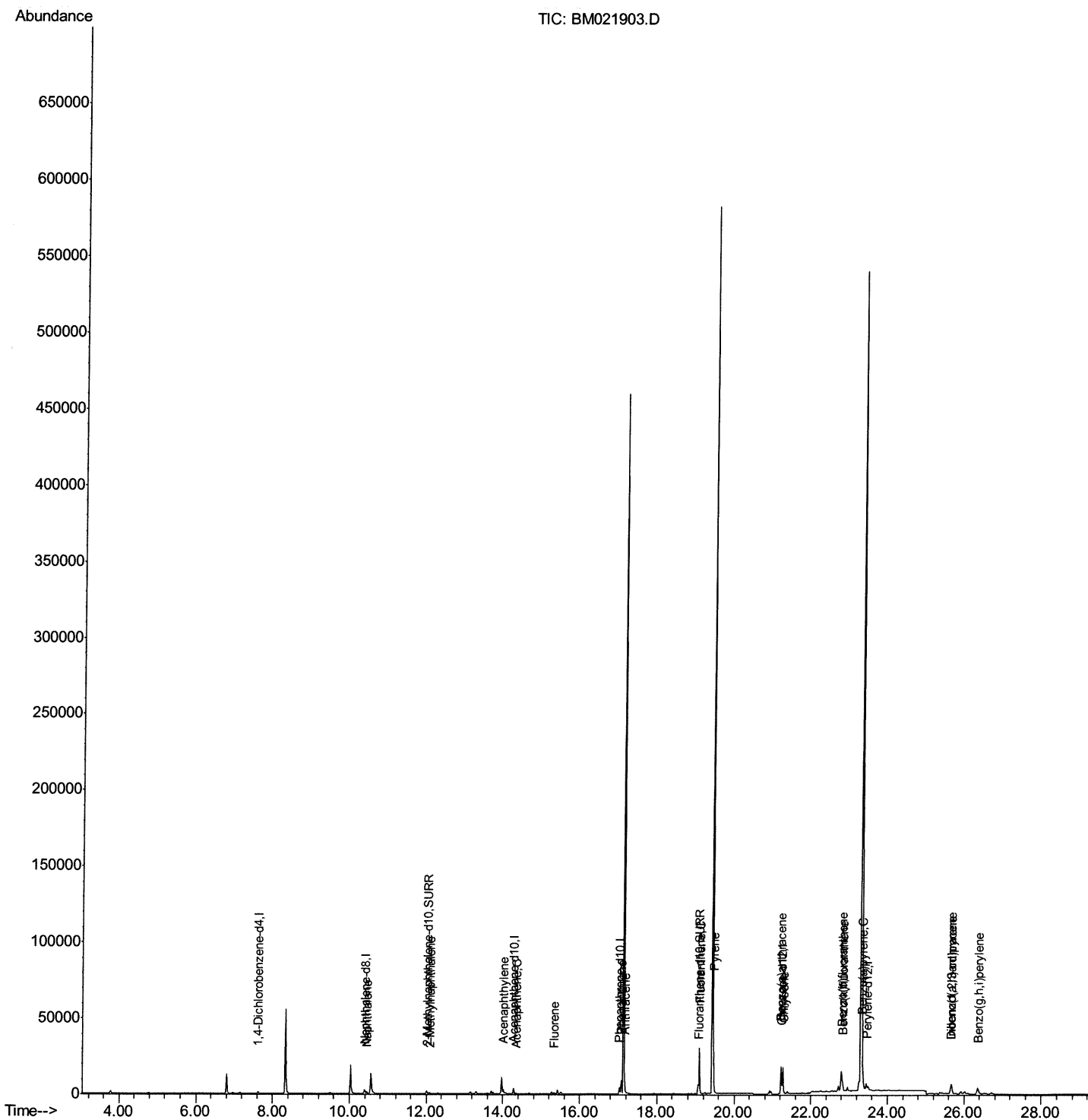
Data File : BM021903.D
Acq On : 07 Aug 2019 19:29
Operator : HP/JU
Sample : K4029-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY2

Manual Integrations
APPROVED

mohammad
8/9/2019 6:10:35 AM

Quant Time: Aug 08 05:04:30 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 : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

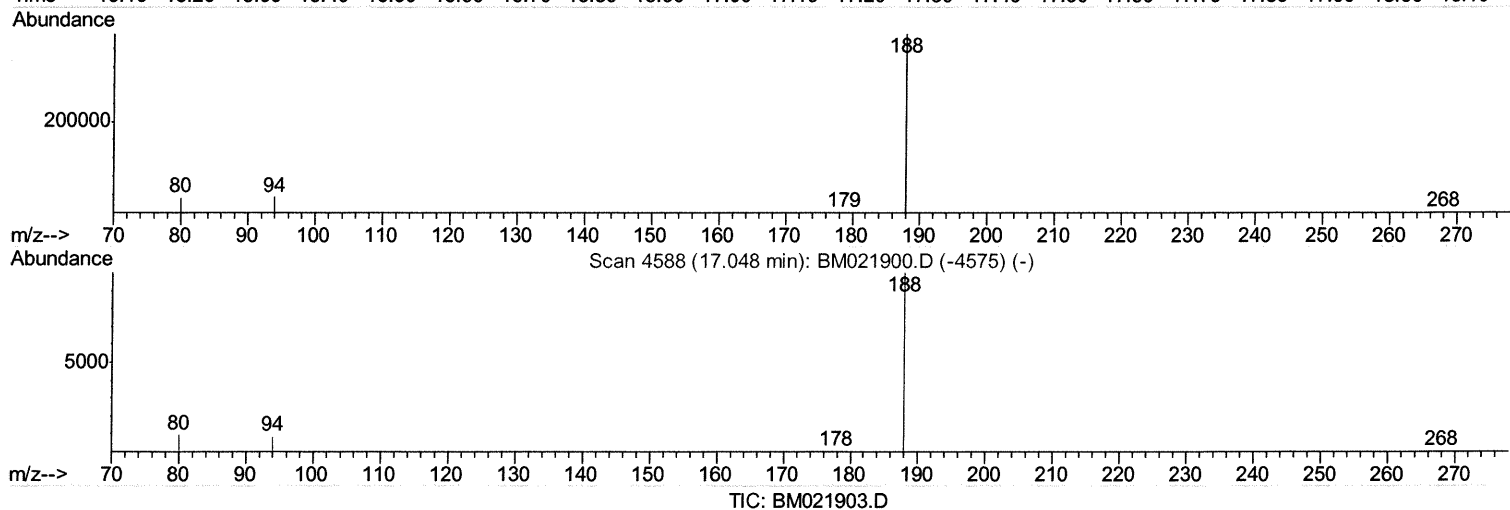
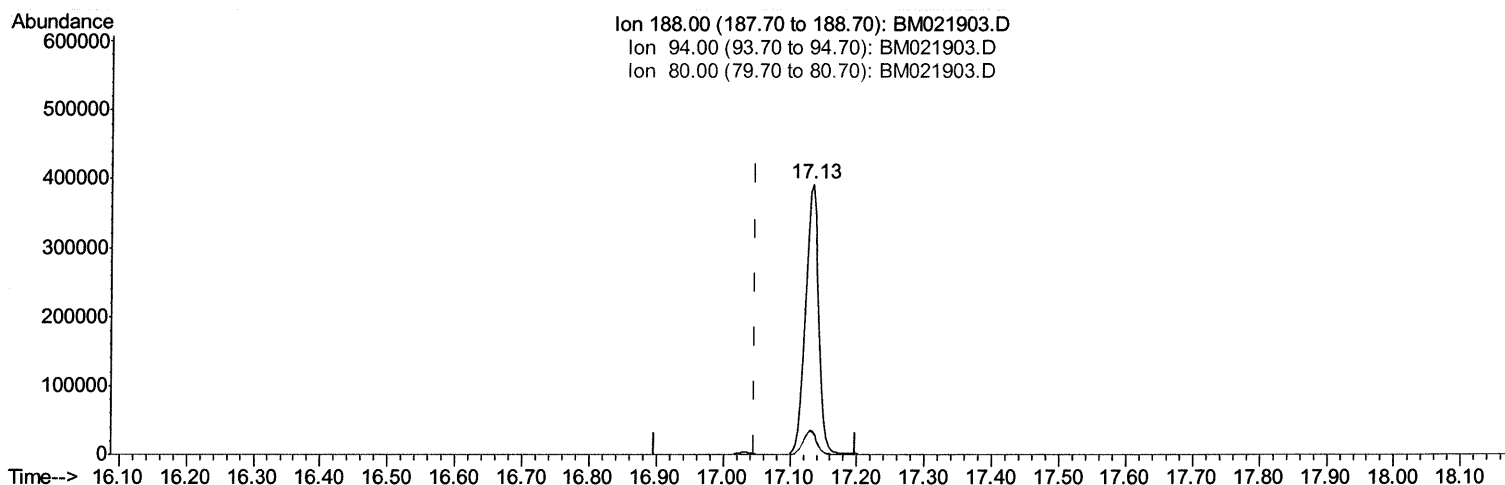
Data File : BM021903.D
Acq On : 07 Aug 2019 19:29
Operator : HP/JU
Sample : K4029-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY2

Manual Integrations
APPROVED

mohammad
8/9/2019 6:10:35 AM

Quant Time: Aug 08 04:42:21 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 : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.133min (+0.085) 0.40ng/ul

response 537050

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	8.75
80.00	11.40	8.39#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

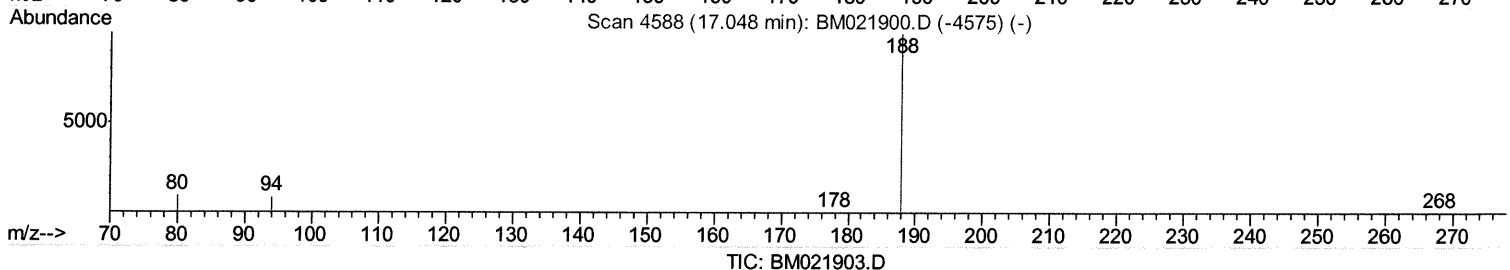
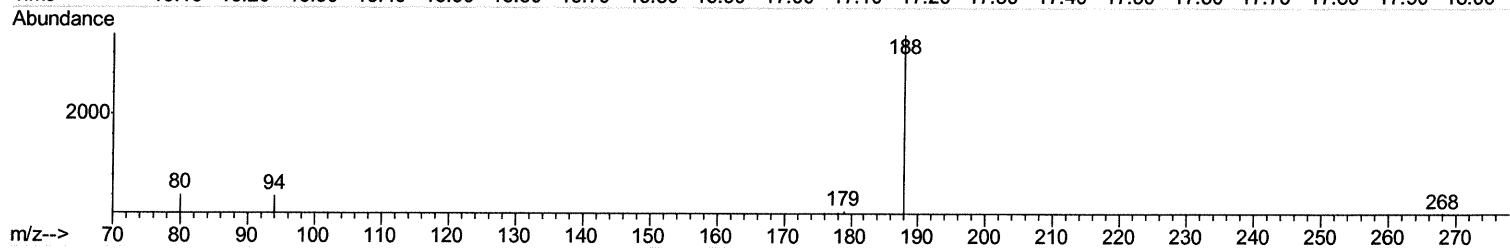
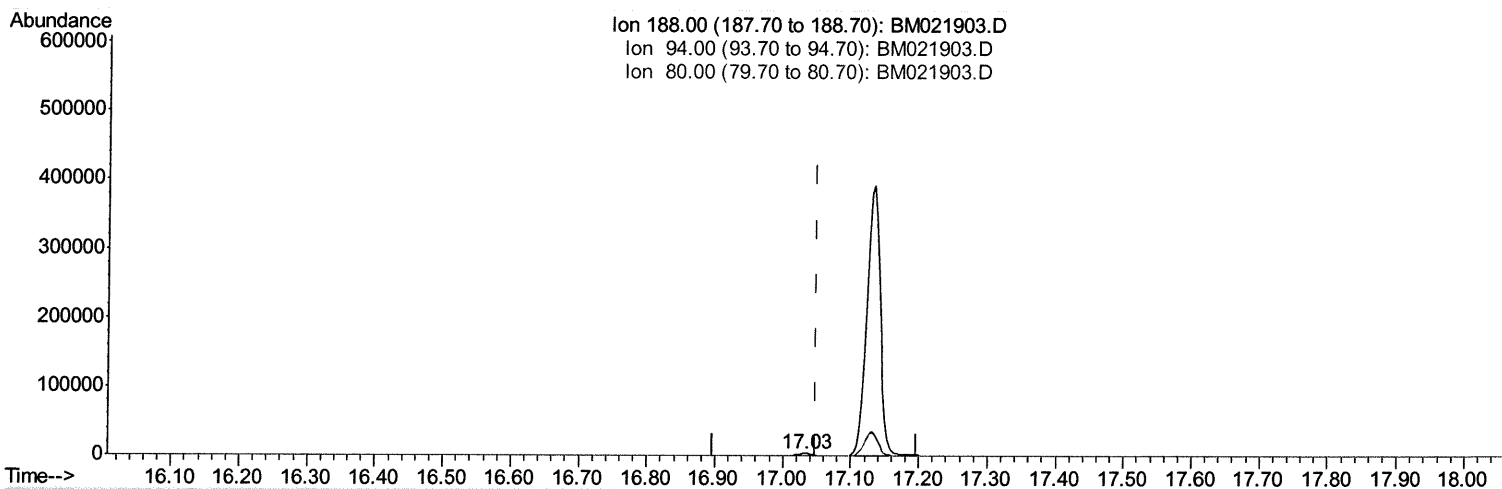
Data File : BM021903.D
Acq On : 07 Aug 2019 19:29
Operator : HP/JU
Sample : K4029-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY2

Manual Integrations
APPROVED

mohammad
8/9/2019 6:10:35 AM

Quant Time: Aug 08 04:42:21 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 : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.032min (-0.016) 0.40ng/ul m *JU 08/08/19*

response 4938

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	11.14
80.00	11.40	11.70
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

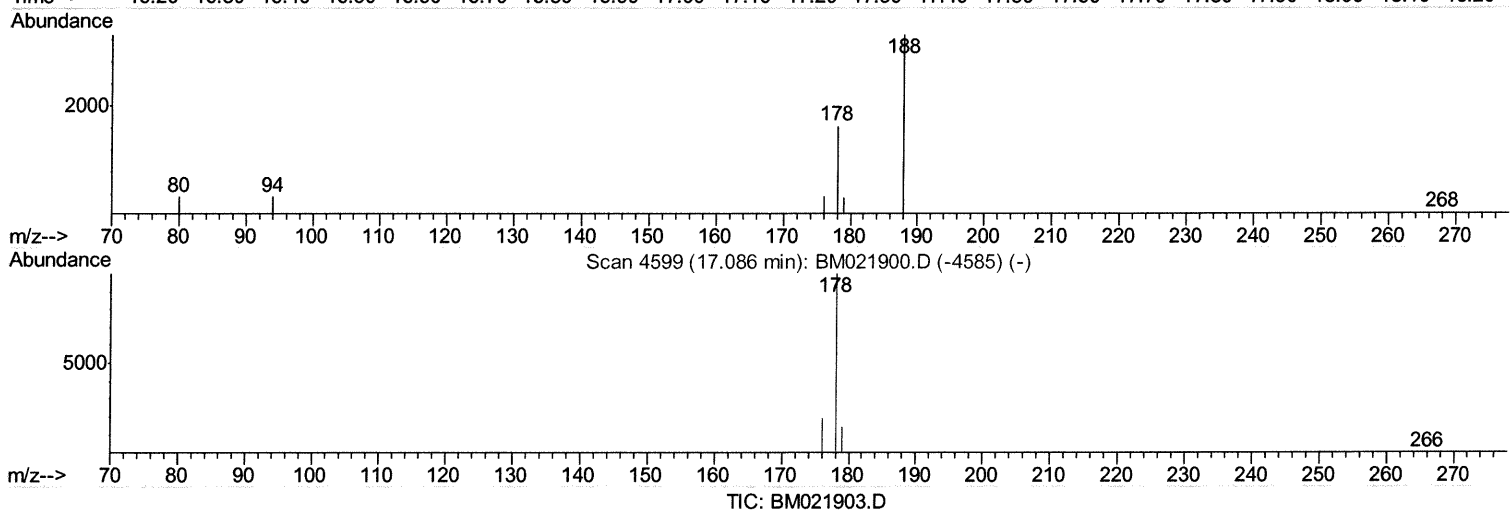
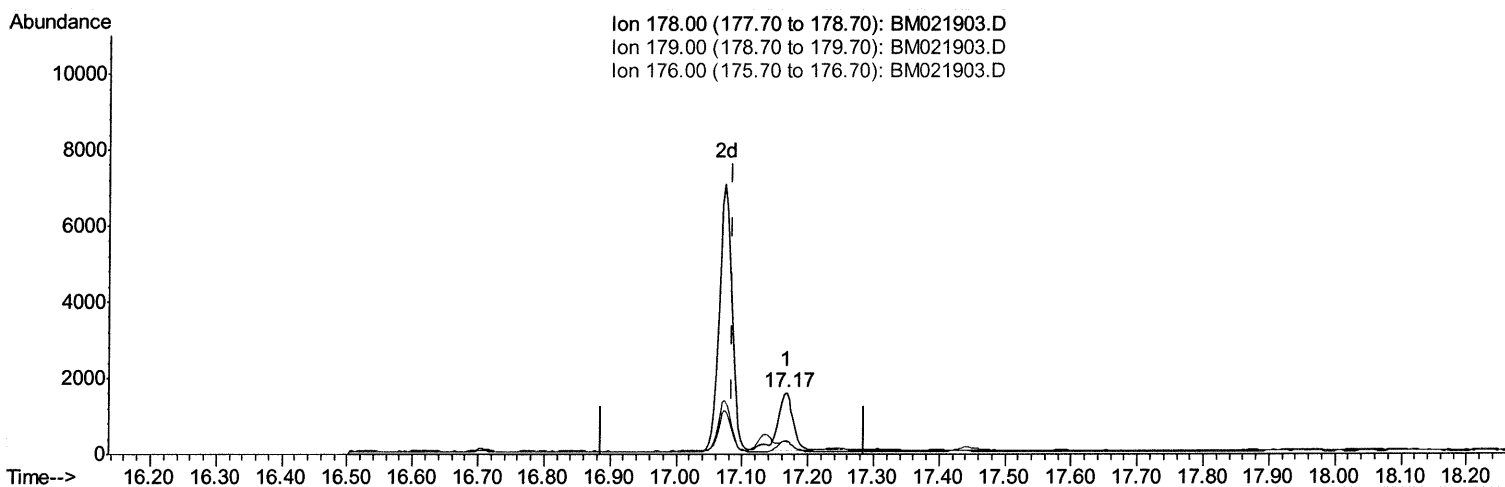
Data File : BM021903.D
Acq On : 07 Aug 2019 19:29
Operator : HP/JU
Sample : K4029-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY2

Manual Integrations
APPROVED

mohammad
8/9/2019 6:10:35 AM

Quant Time: Aug 08 05:00:34 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 : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



(12) Phenanthrene

17.168min (+0.082) 0.17ng/ul

response 2395

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	20.69
176.00	21.00	21.92
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

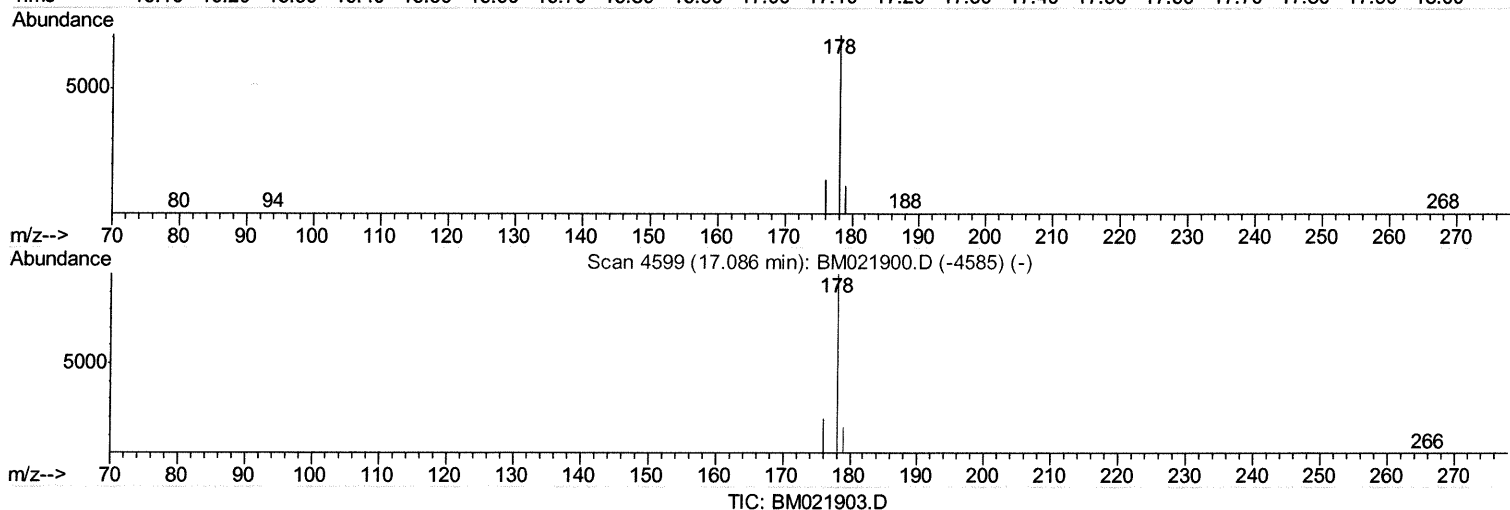
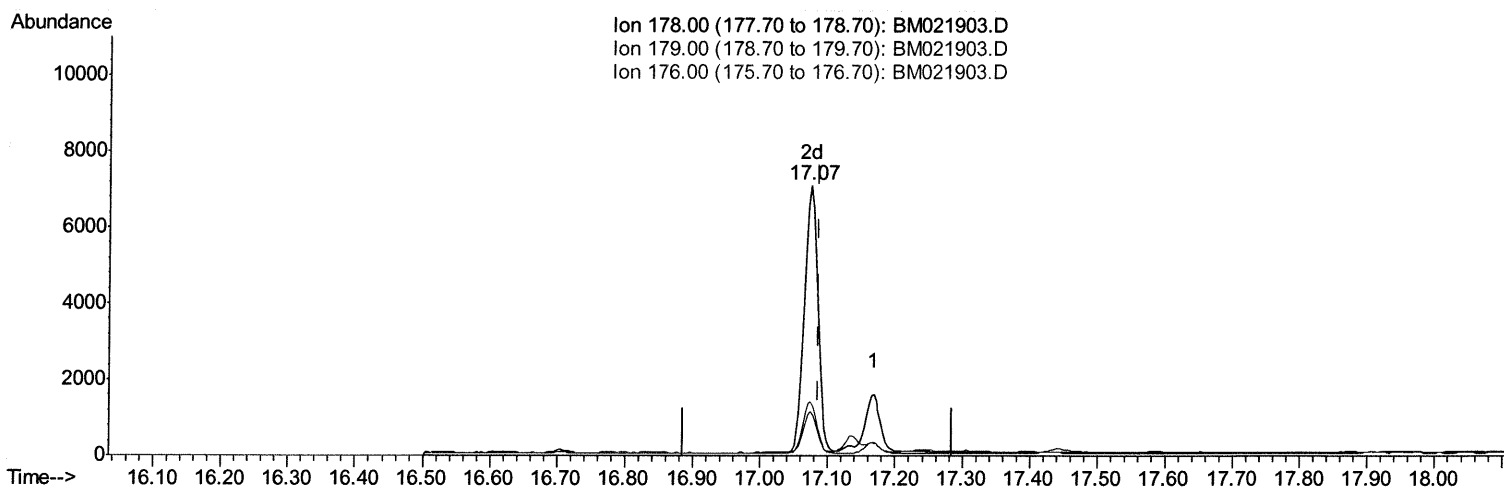
Data File : BM021903.D
Acq On : 07 Aug 2019 19:29
Operator : HP/JU
Sample : K4029-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY2

Manual Integrations
APPROVED

mohammad
8/9/2019 6:10:35 AM

Quant Time: Aug 08 05:00:34 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 : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



(12) Phenanthrene

17.074min (-0.012) 0.67ng/ul m *JU 08/08/19*

response 9600

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	16.20
176.00	21.00	19.86
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

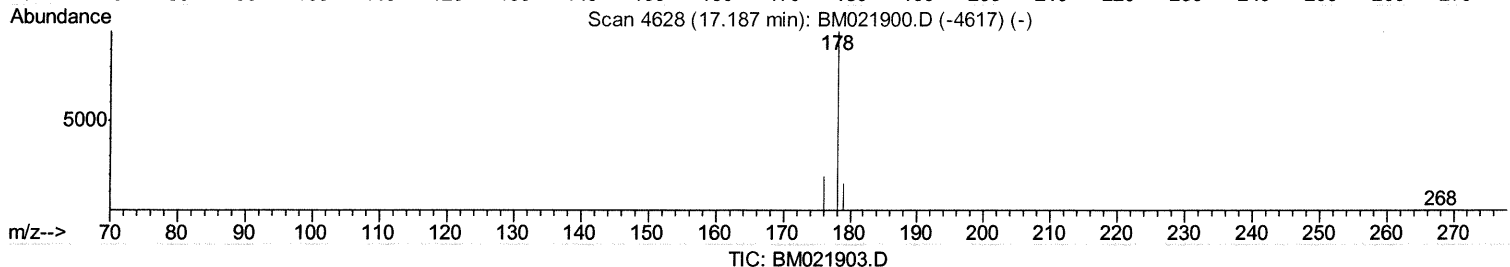
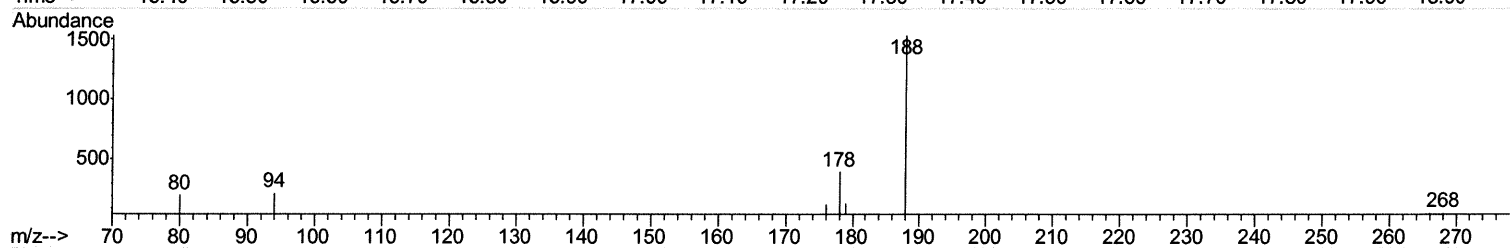
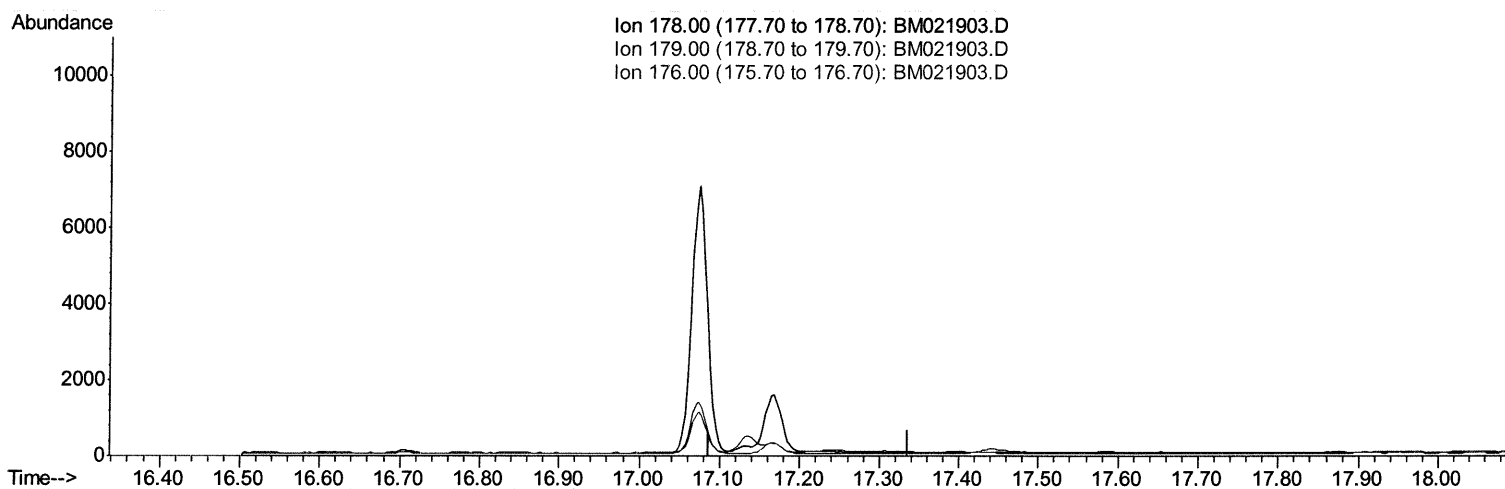
Data File : BM021903.D
Acq On : 07 Aug 2019 19:29
Operator : HP/JU
Sample : K4029-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY2

Manual Integrations
APPROVED

mohammad
8/9/2019 6:10:35 AM

Quant Time: Aug 08 05:00:34 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 : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



(13) Anthracene

17.187min (-17.187) 0.00ng/ul

response 0

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

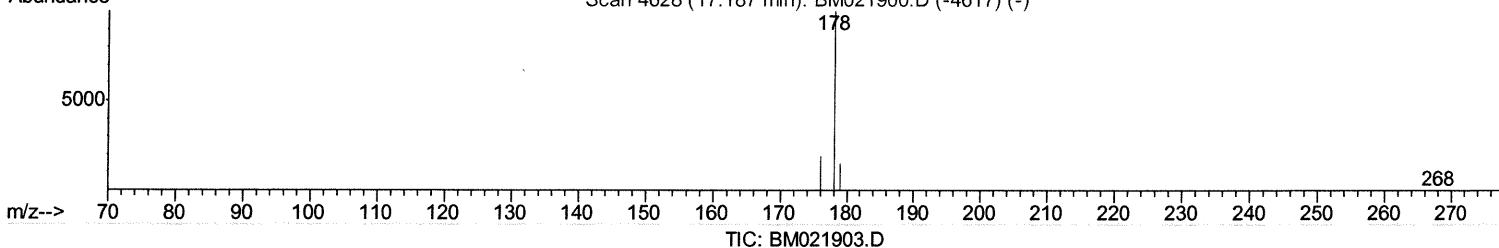
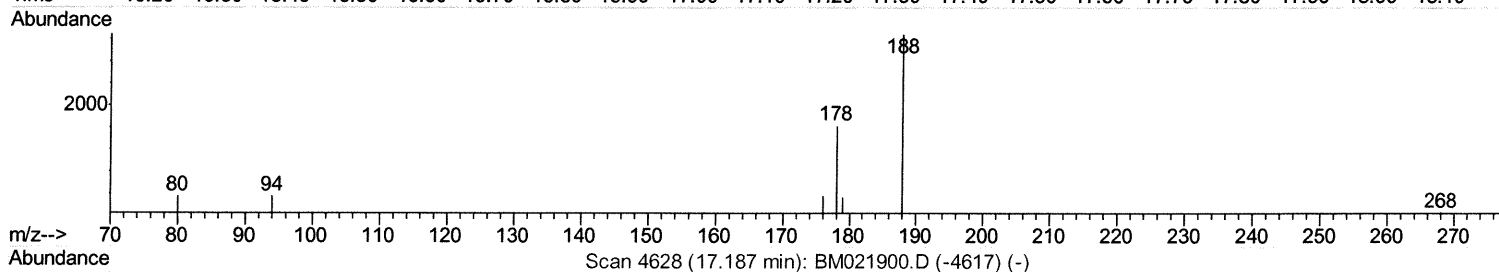
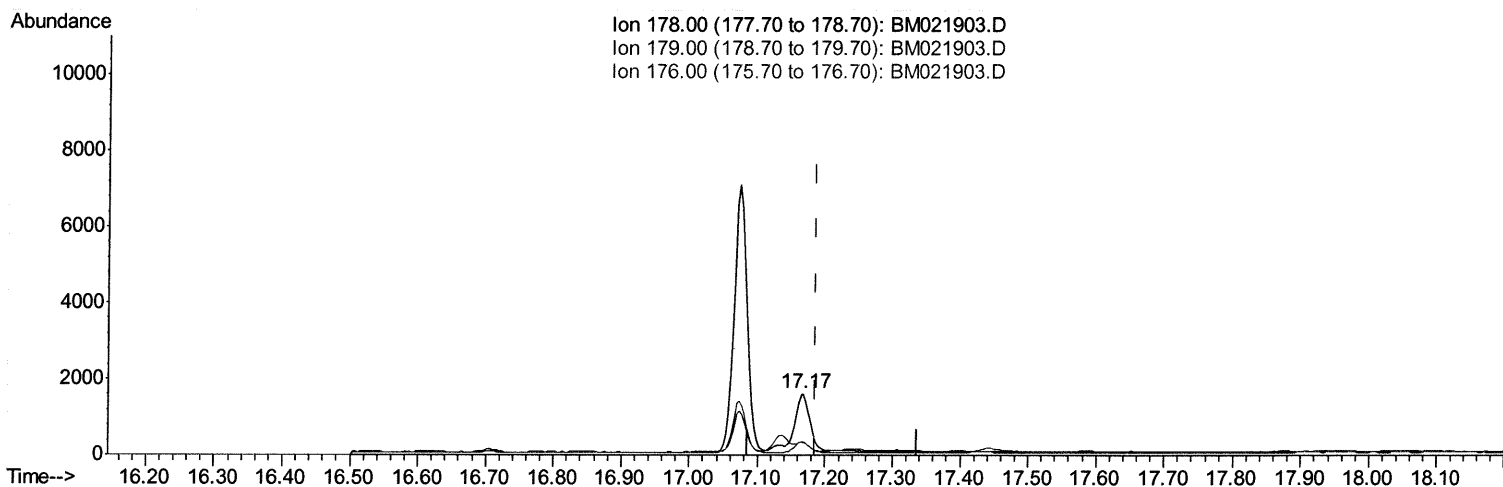
Data File : BM021903.D
Acq On : 07 Aug 2019 19:29
Operator : HP/JU
Sample : K4029-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY2

Manual Integrations
APPROVED

mohammad
8/9/2019 6:10:35 AM

Quant Time: Aug 08 05:00:34 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 : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



(13) Anthracene

17.168min (-0.019) 0.19ng/ul m

JU
08/08/19

response 2350

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	20.69
176.00	20.80	21.92
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

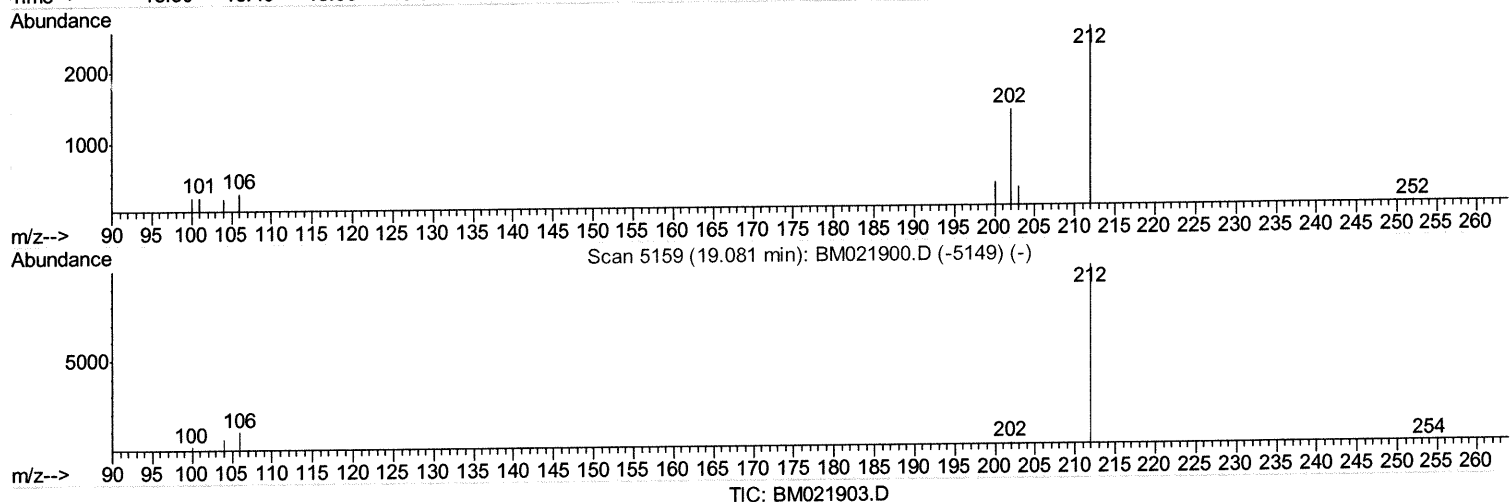
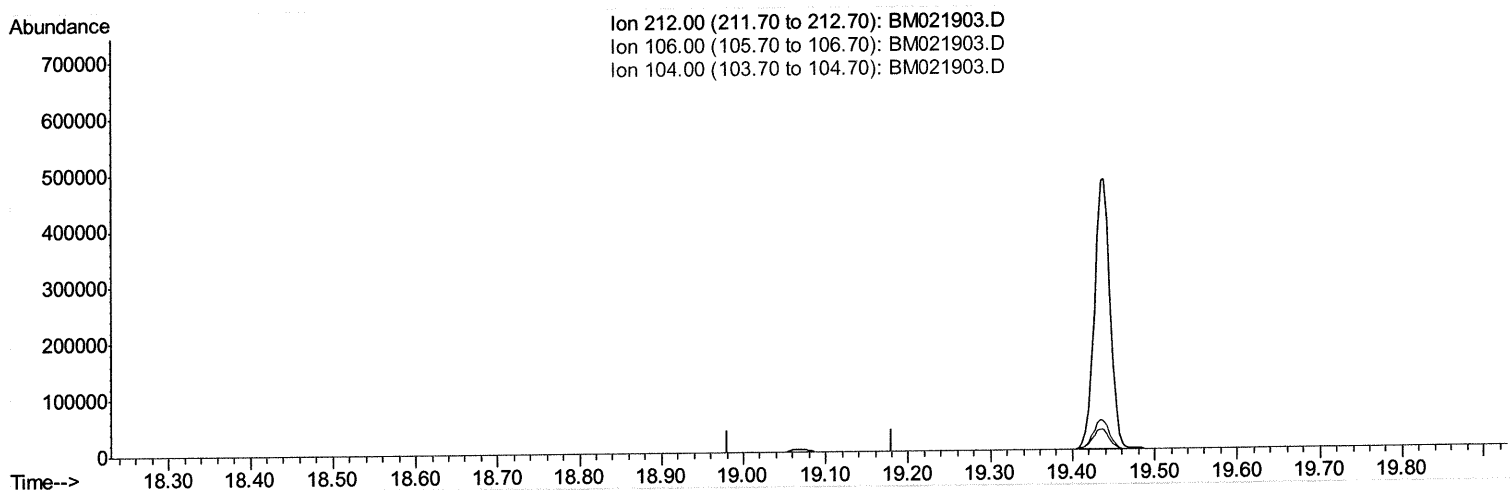
Data File : BM021903.D
Acq On : 07 Aug 2019 19:29
Operator : HP/JU
Sample : K4029-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY2

Manual Integrations
APPROVED

mohammad
8/9/2019 6:10:35 AM

Quant Time: Aug 08 05:00:34 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 : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.081min (-19.081) 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\BM080719\
Quantitation Report (Qedit)

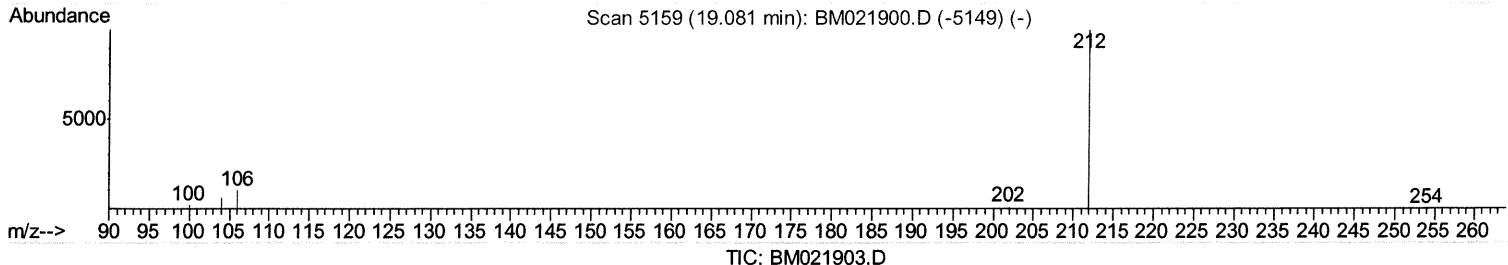
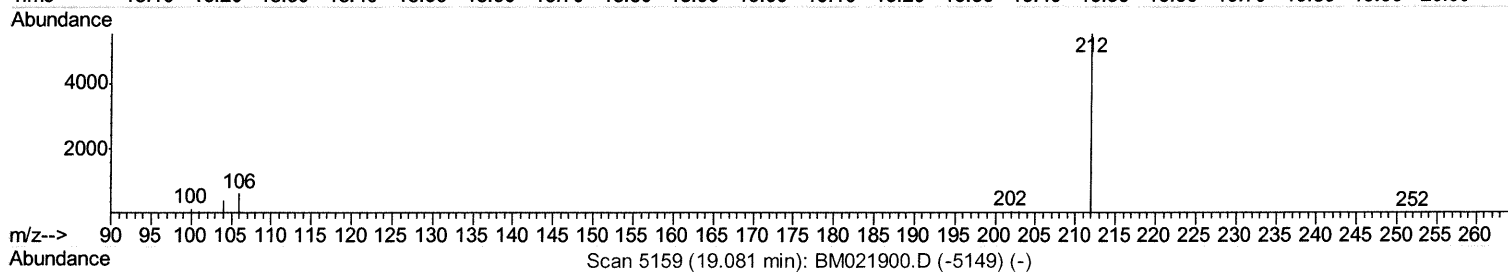
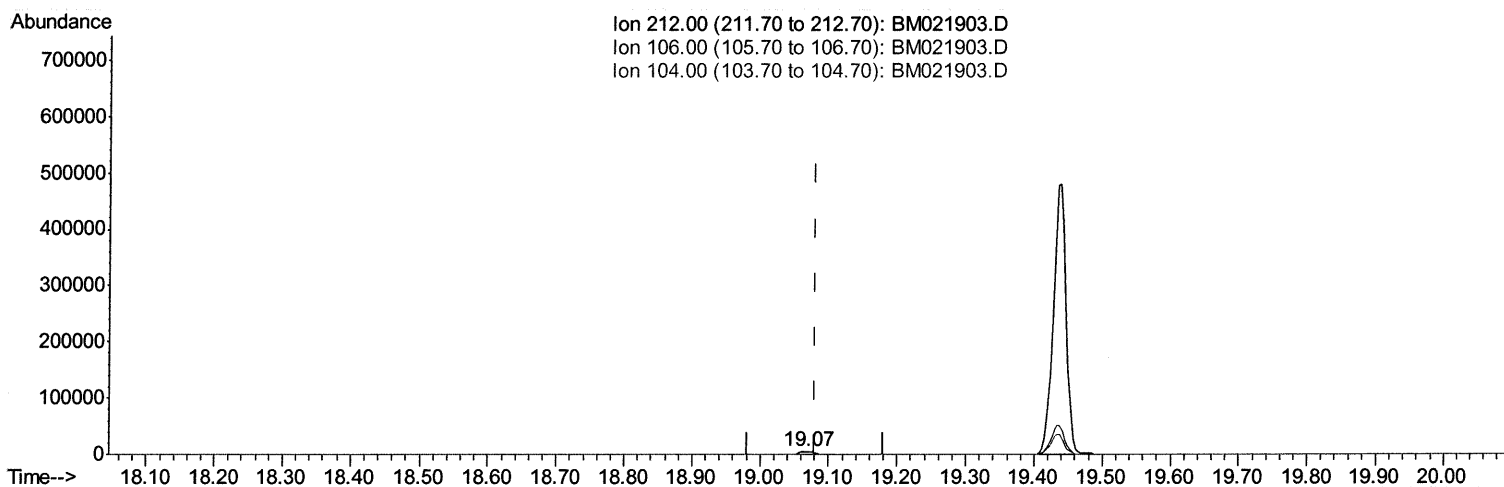
Data File : BM021903.D
Acq On : 07 Aug 2019 19:29
Operator : HP/JU
Sample : K4029-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY2

Manual Integrations
APPROVED

mohammad
8/9/2019 6:10:35 AM

Quant Time: Aug 08 05:00:34 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 : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.068min (-0.013) 0.43ng/ul m

50
08/08/19

response 7213

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\BM080719\
Quantitation Report (Qedit)

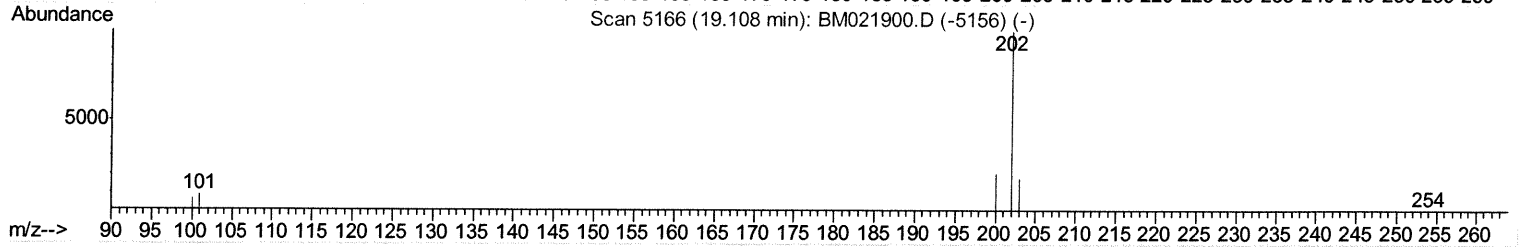
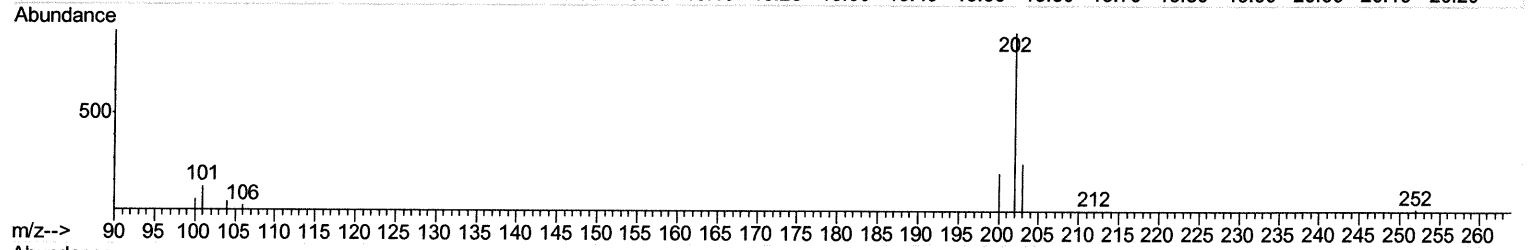
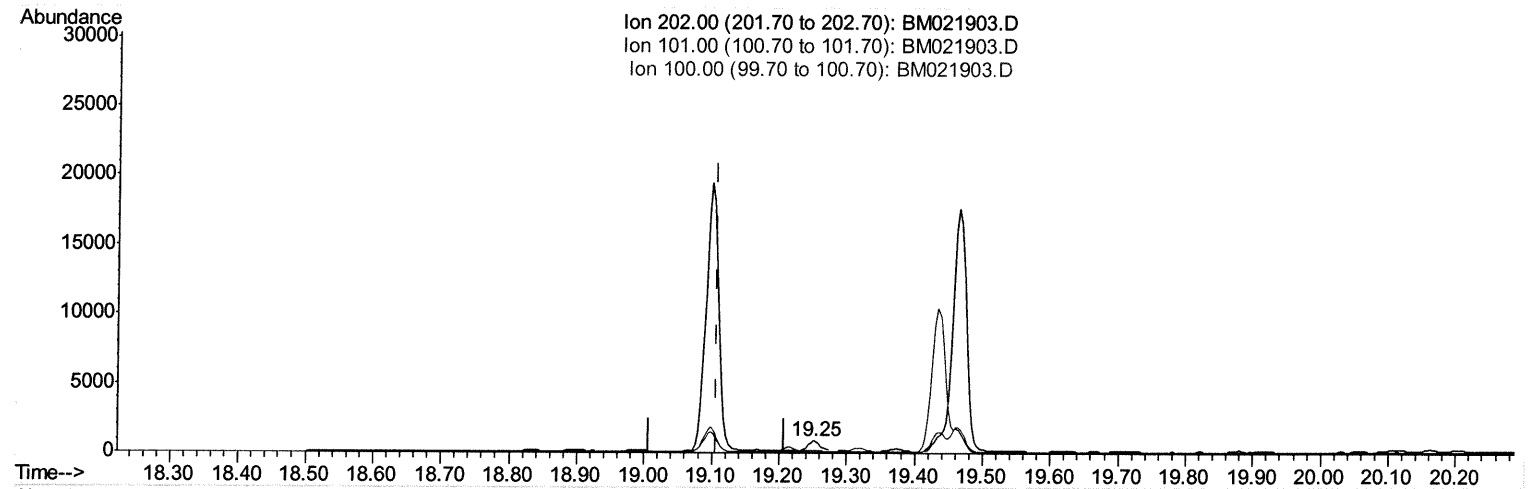
Data File : BM021903.D
Acq On : 07 Aug 2019 19:29
Operator : HP/JU
Sample : K4029-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY2

Manual Integrations
APPROVED

mohammad
8/9/2019 6:10:35 AM

Quant Time: Aug 08 05:00:34 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 : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



(15) Fluoranthene (C)

19.251min (+0.143) 0.05ng/ul

response 949

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	19.84
100.00	8.10	13.61
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

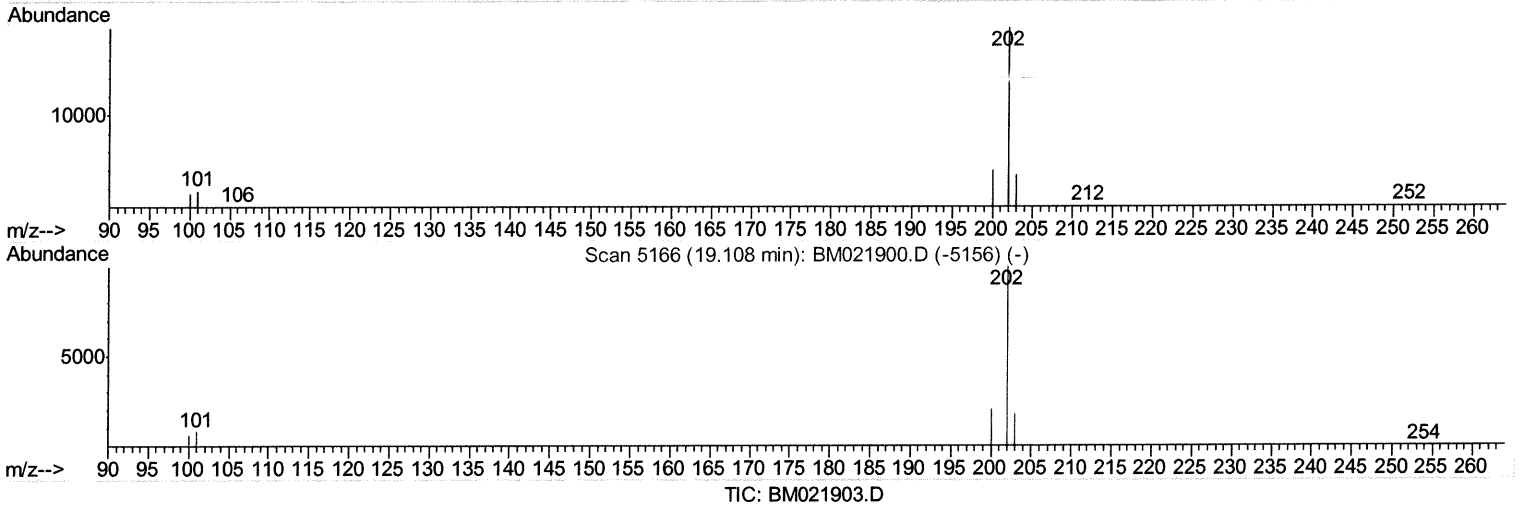
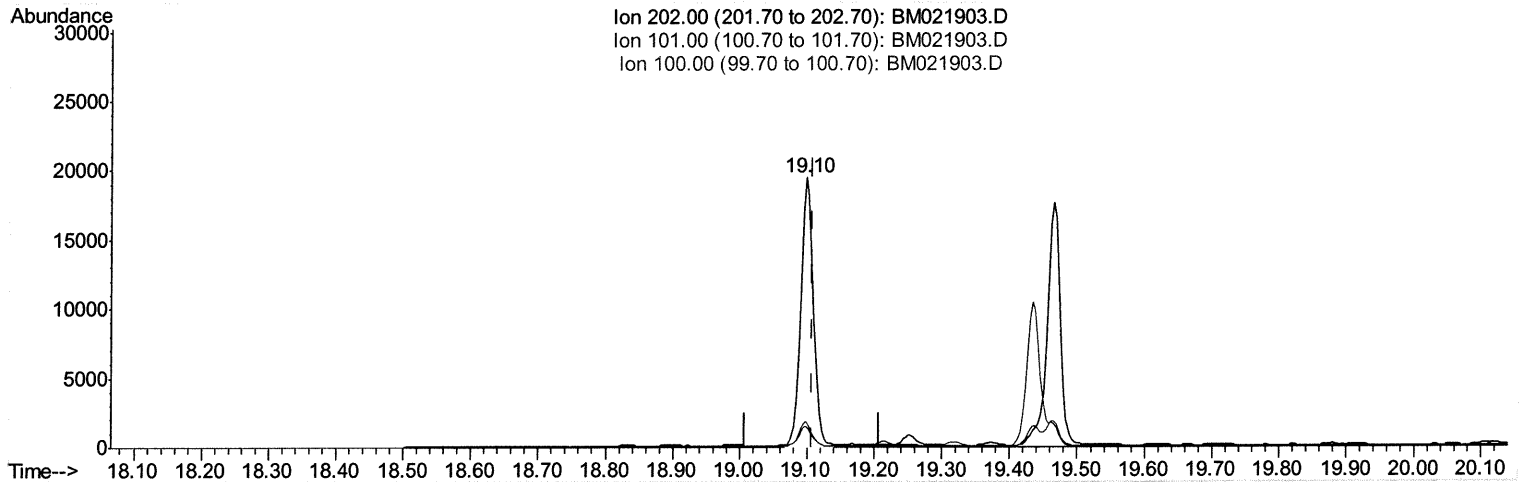
Data File : BM021903.D
Acq On : 07 Aug 2019 19:29
Operator : HP/JU
Sample : K4029-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY2

Manual Integrations
APPROVED

mohammad
8/9/2019 6:10:35 AM

Quant Time: Aug 08 05:00:34 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 : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



(15) Fluoranthene (C)

19.098min (-0.009) 1.32ng/ul m *JU 08/08/19*

response 25500

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	9.53
100.00	8.10	7.57
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

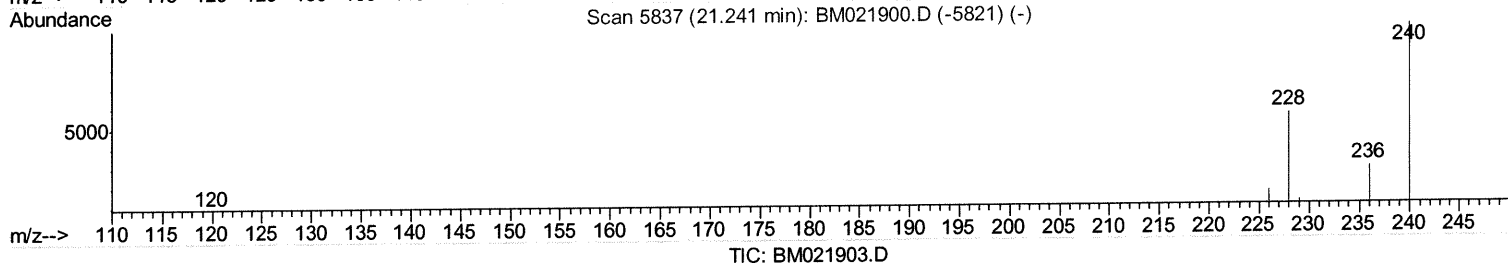
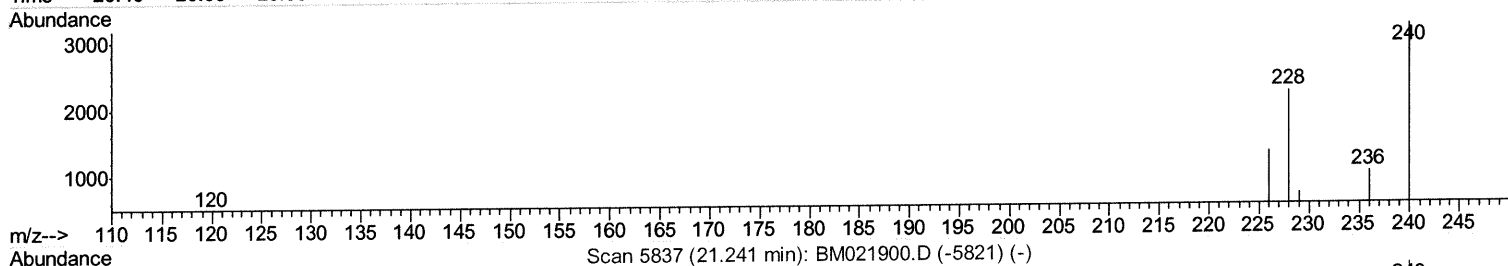
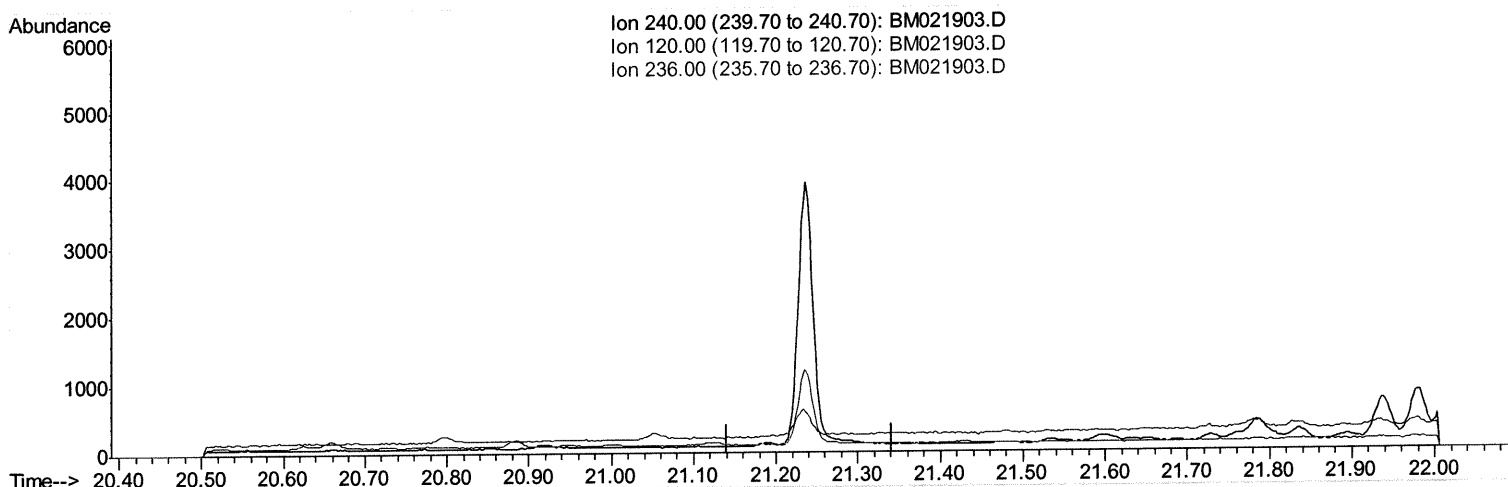
Data File : BM021903.D
Acq On : 07 Aug 2019 19:29
Operator : HP/JU
Sample : K4029-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY2

Manual Integrations
APPROVED

mohammad
8/9/2019 6:10:35 AM

Quant Time: Aug 08 05:00:34 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 : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.241min (-21.241) 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\BM080719\
Quantitation Report (Qedit)

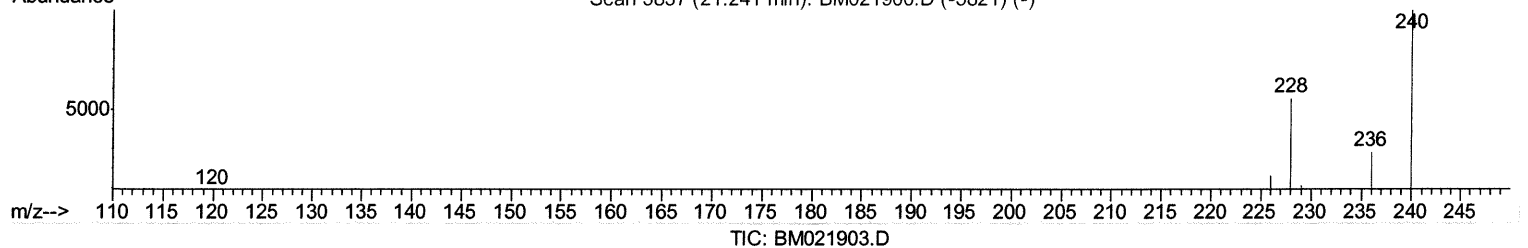
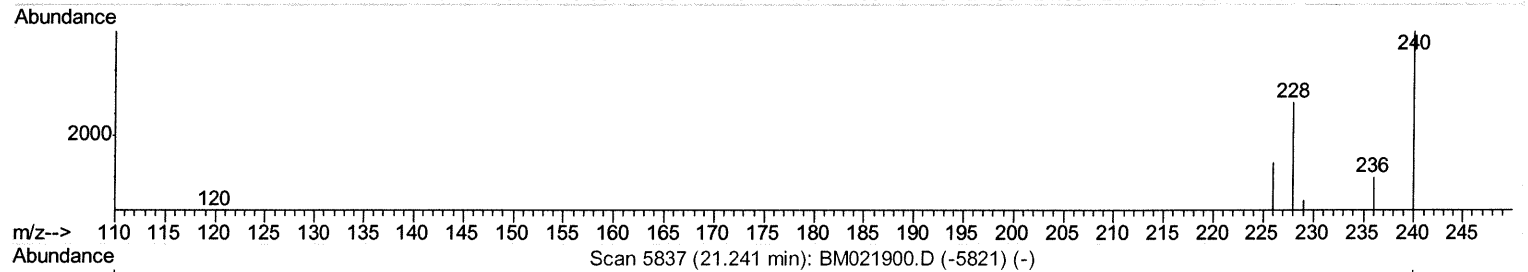
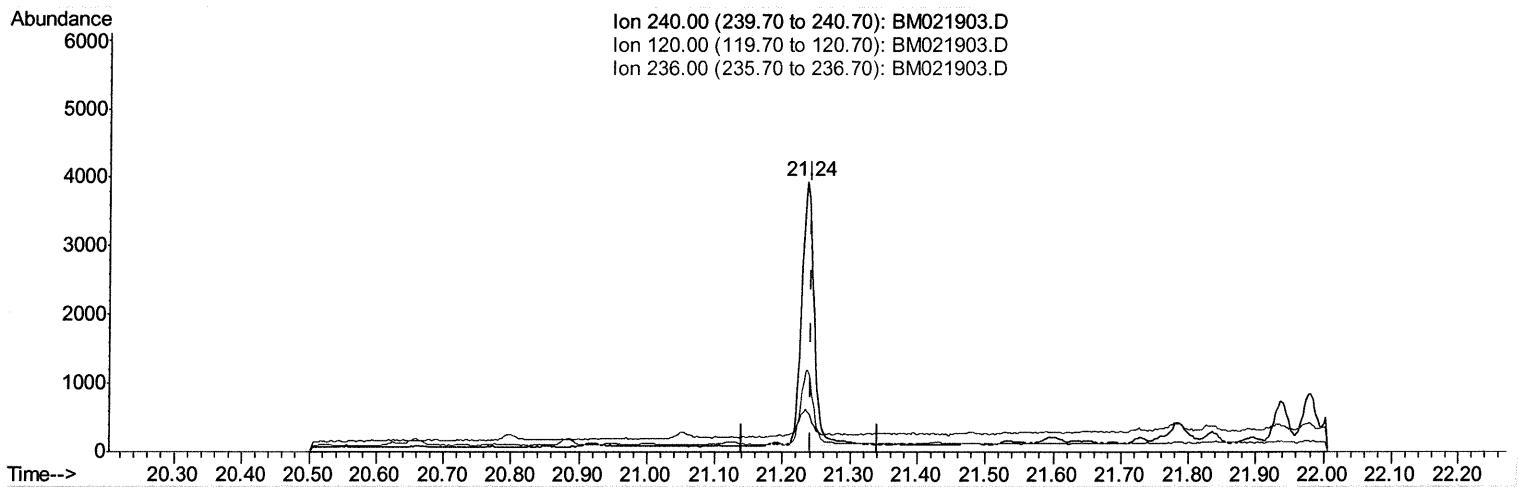
Data File : BM021903.D
Acq On : 07 Aug 2019 19:29
Operator : HP/JU
Sample : K4029-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY2

Manual Integrations
APPROVED

mohammad
8/9/2019 6:10:35 AM

Quant Time: Aug 08 05:00:34 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 : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.236min (-0.005) 0.40ng/ul m *JU 08/08/19*

response 4837

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	14.96
236.00	32.30	30.51
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

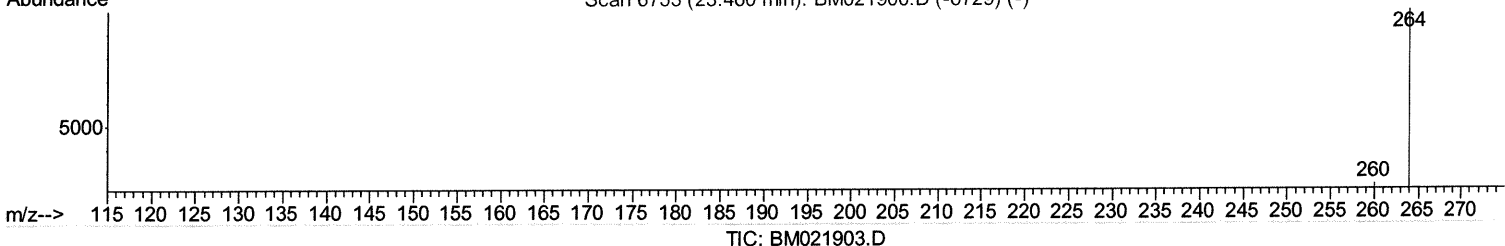
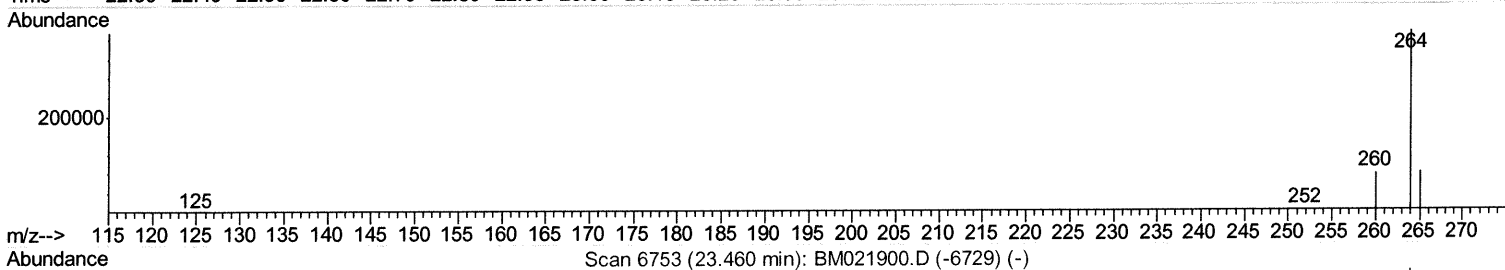
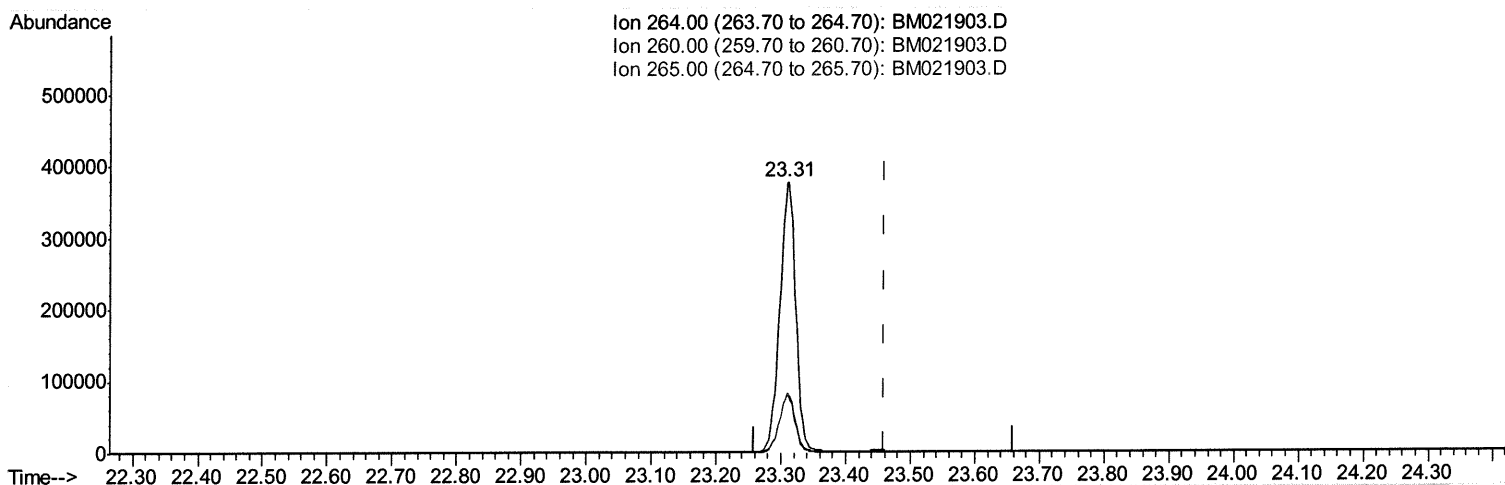
Data File : BM021903.D
Acq On : 07 Aug 2019 19:29
Operator : HP/JU
Sample : K4029-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY2

Manual Integrations
APPROVED

mohammad
8/9/2019 6:10:35 AM

Quant Time: Aug 08 05:02:11 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 : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



(20) Perylene-d12 (I)

23.309min (-0.151) 0.40ng/ul

response 639808

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	21.08#
265.00	117.00	21.68#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

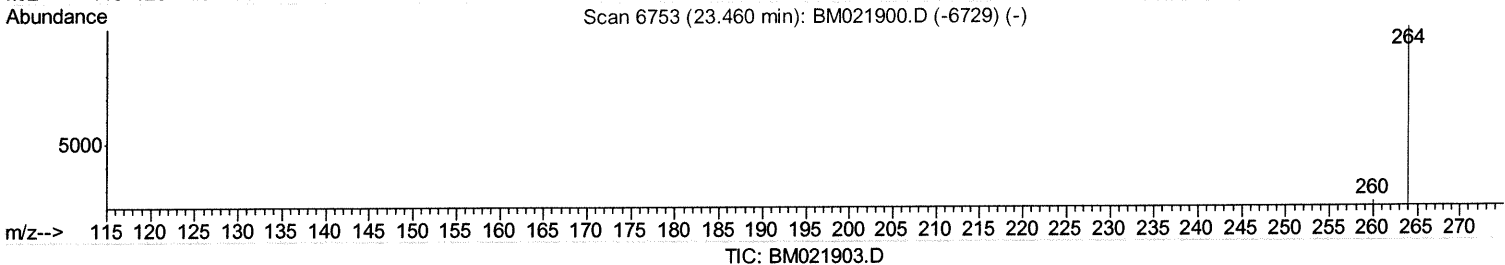
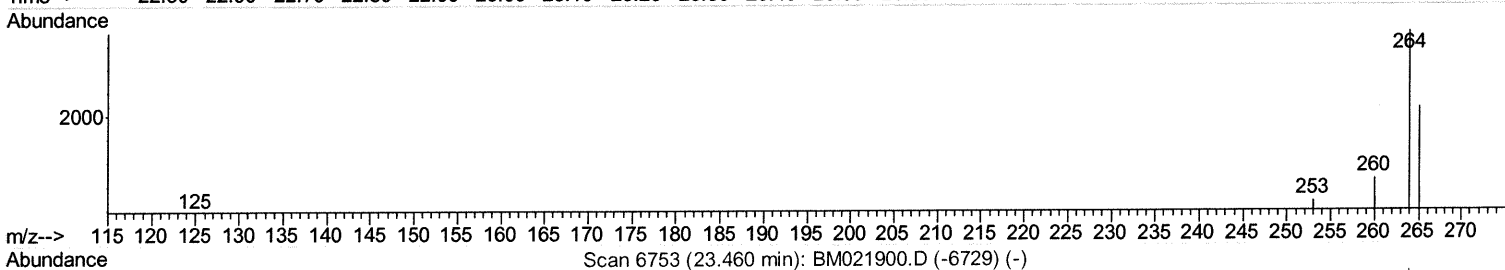
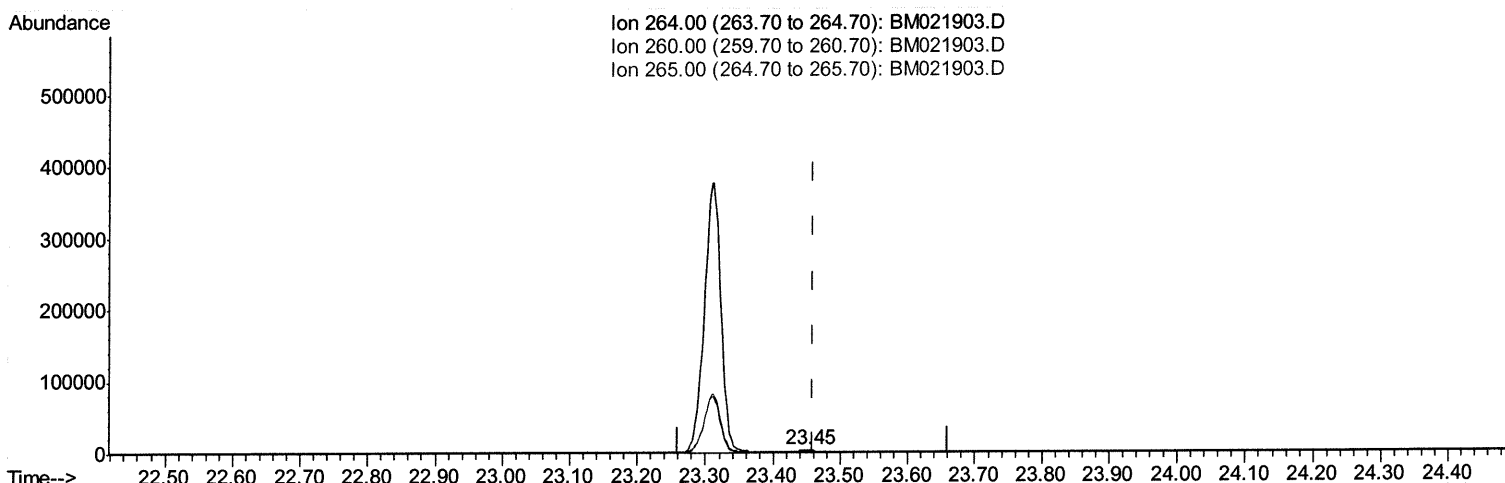
Data File : BM021903.D
Acq On : 07 Aug 2019 19:29
Operator : HP/JU
Sample : K4029-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BENY2

Manual Integrations
APPROVED

mohammad
8/9/2019 6:10:35 AM

Quant Time: Aug 08 05:02:11 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 : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



(20) Perylene-d12 (I)

23.452min (-0.008) 0.40ng/ul m

JU
08/08/19

response 4625

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	26.87
265.00	117.00	62.33#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

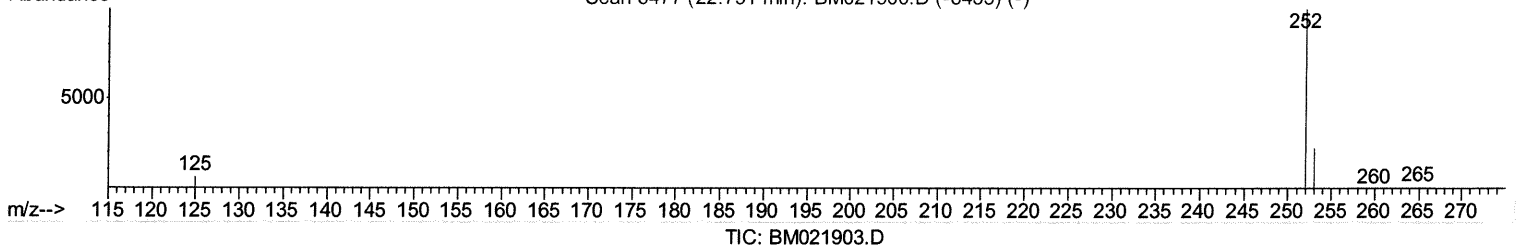
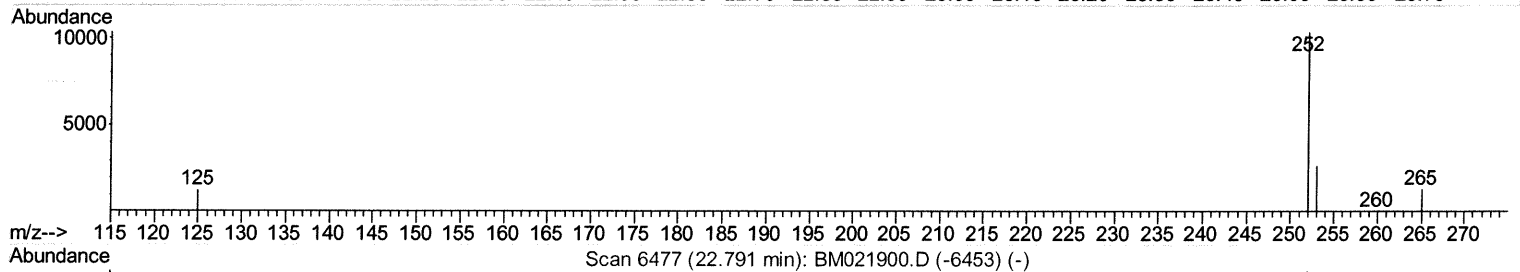
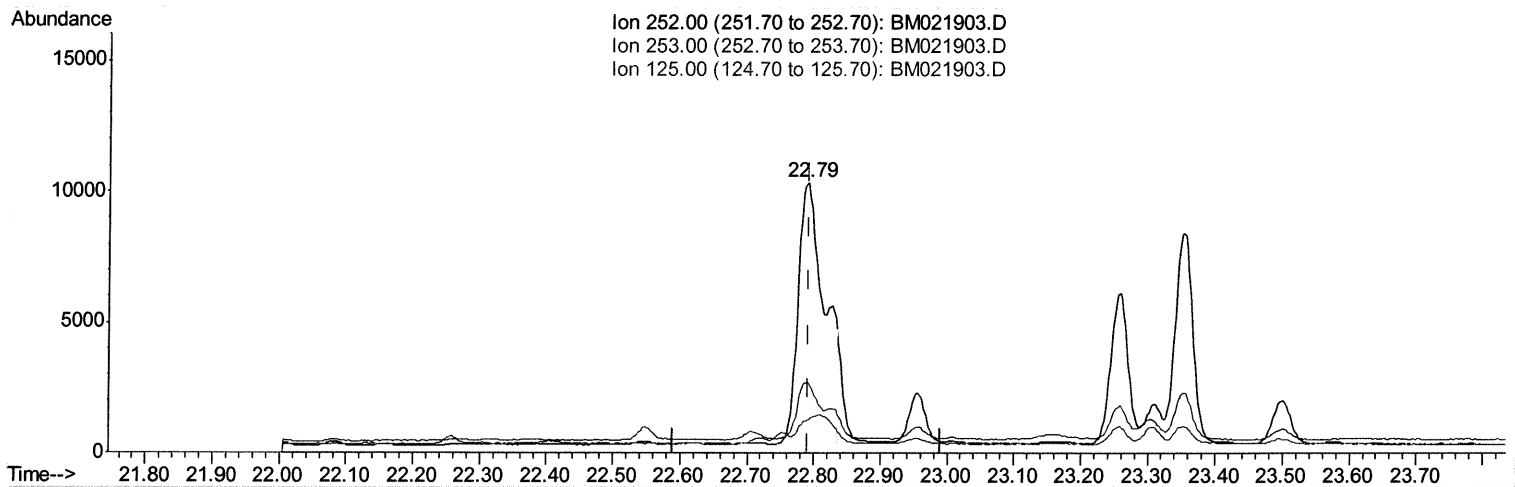
Data File : BM021903.D
Acq On : 07 Aug 2019 19:29
Operator : HP/JU
Sample : K4029-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY2

Manual Integrations
APPROVED

mohammad
8/9/2019 6:10:35 AM

Quant Time: Aug 08 05:02:37 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 : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.791min (-0.000) 1.74ng/ul

response 27214

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	26.32
125.00	15.50	12.30
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

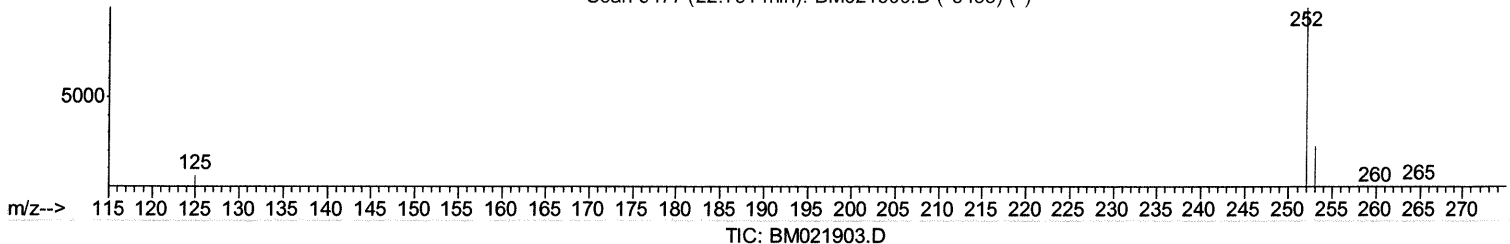
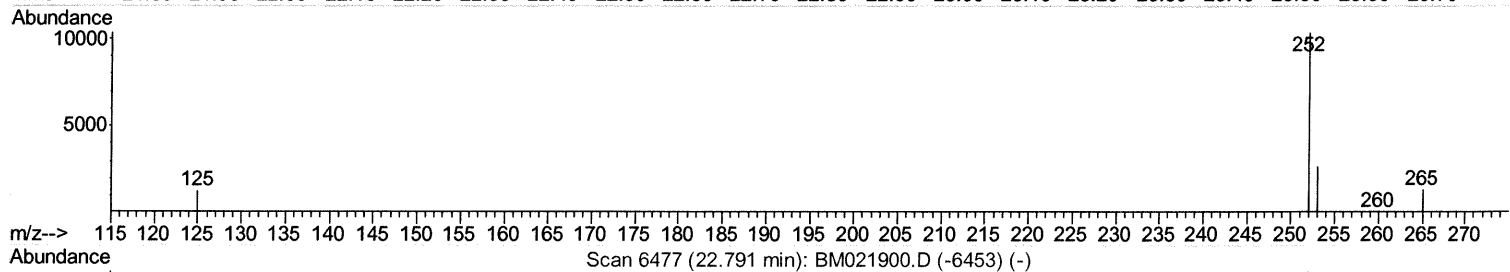
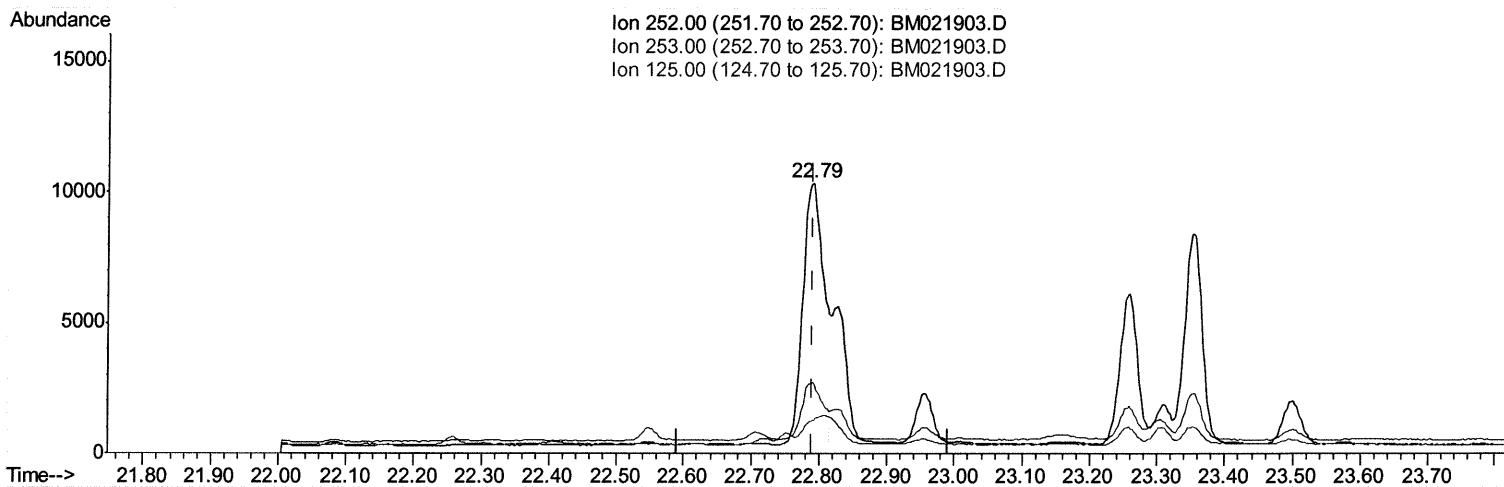
Data File : BM021903.D
Acq On : 07 Aug 2019 19:29
Operator : HP/JU
Sample : K4029-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY2

Manual Integrations
APPROVED

mohammad
8/9/2019 6:10:35 AM

Quant Time: Aug 08 05:02:37 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 : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.791min (-0.000) 1.38ng/ul m

JU
08/08/19

response 21516

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	26.32
125.00	15.50	12.30
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

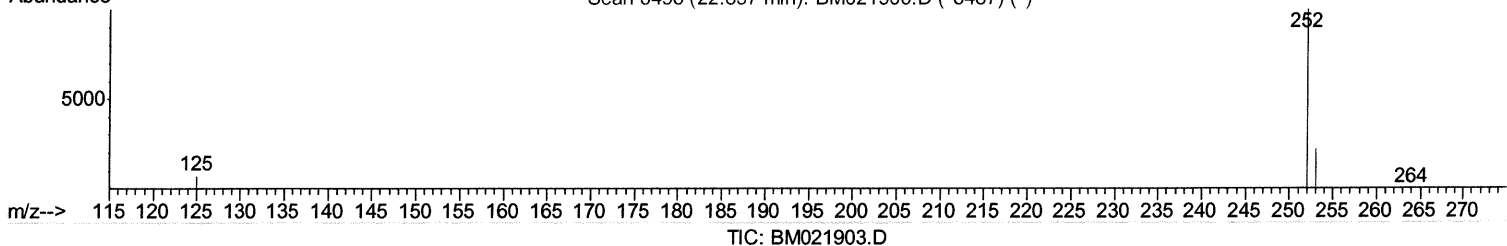
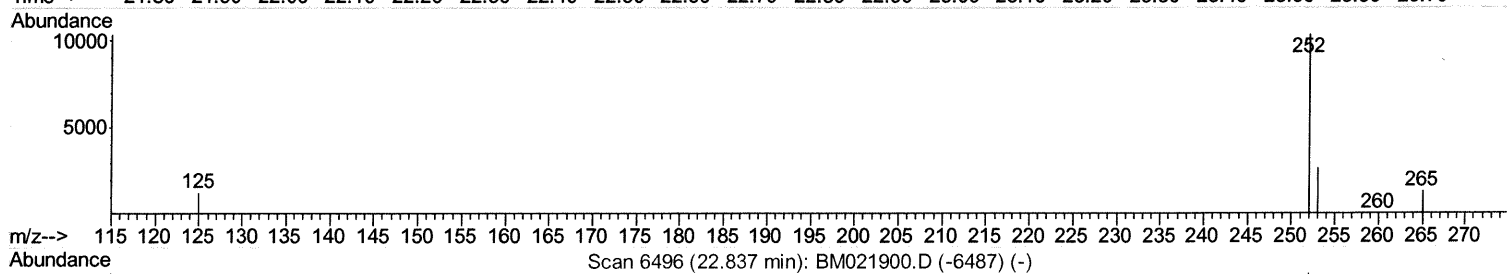
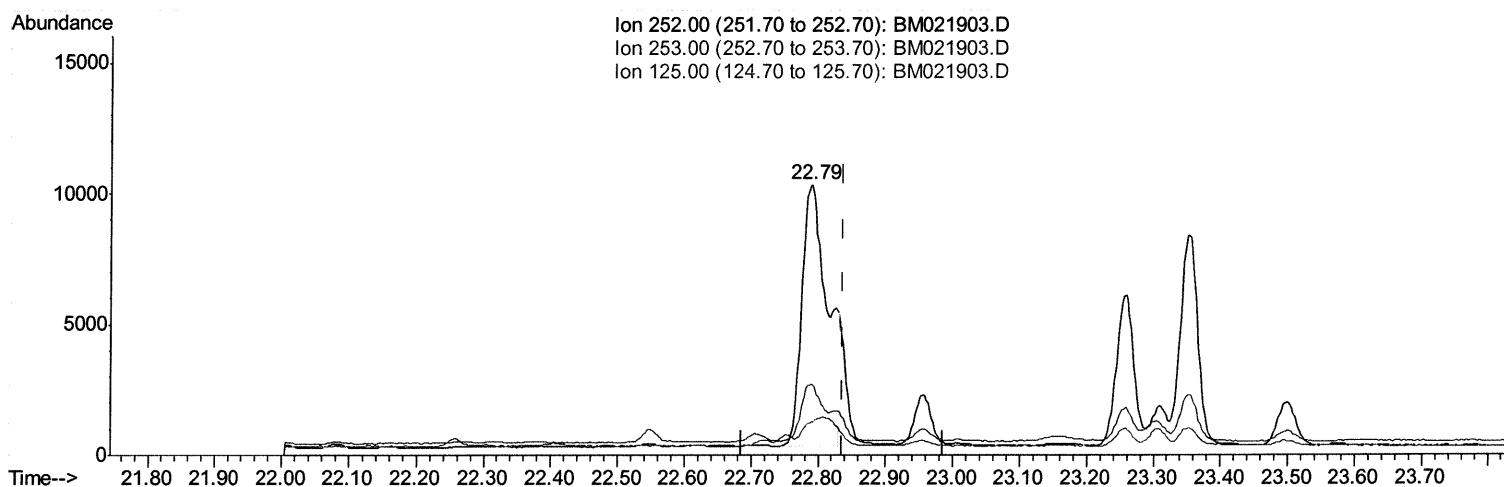
Data File : BM021903.D
Acq On : 07 Aug 2019 19:29
Operator : HP/JU
Sample : K4029-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY2

Manual Integrations
APPROVED

mohammad
8/9/2019 6:10:35 AM

Quant Time: Aug 08 05:02:37 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 : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.791min (-0.046) 1.47ng/ul

response 25871

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	26.32#
125.00	15.20	12.30
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

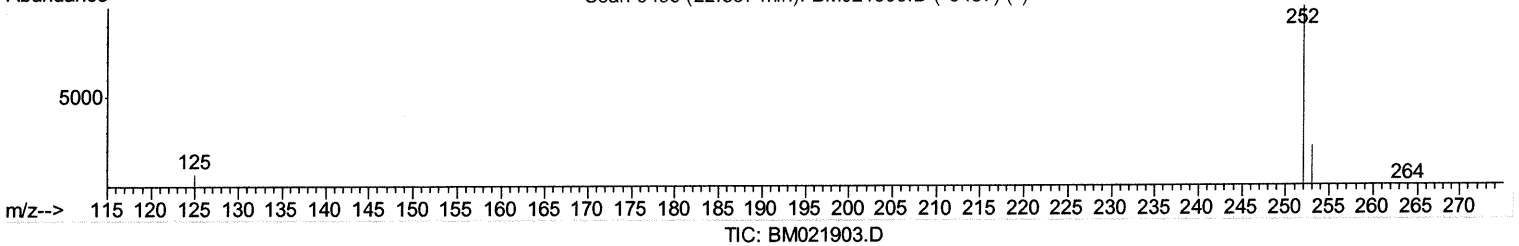
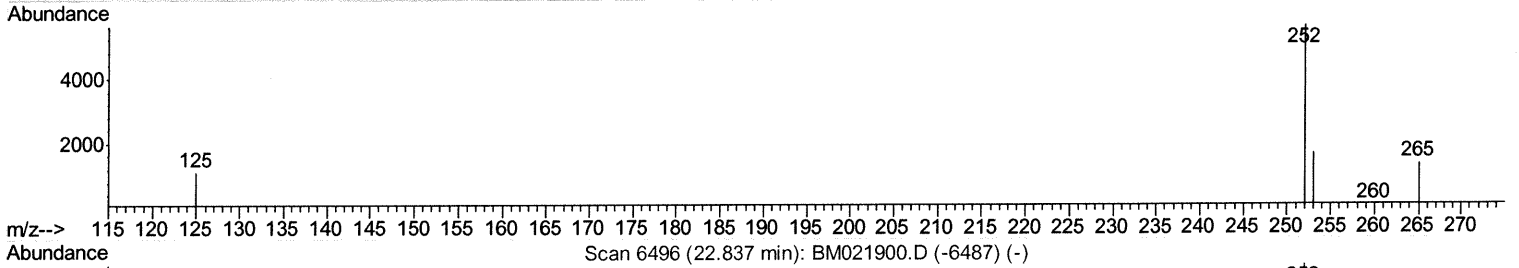
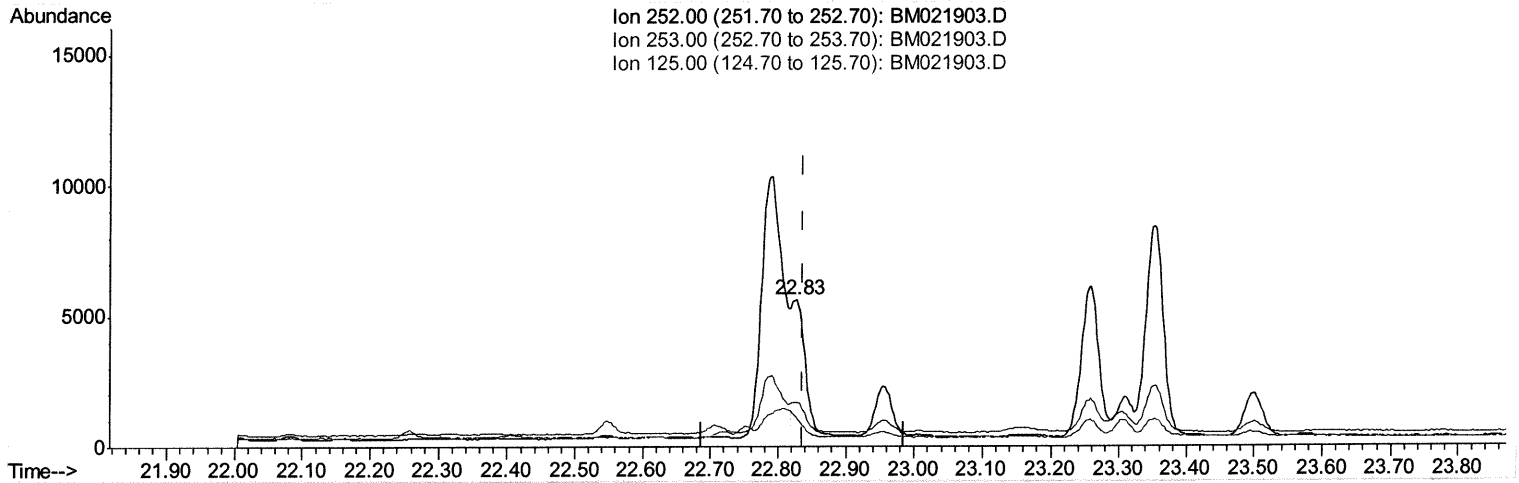
Data File : BM021903.D
Acq On : 07 Aug 2019 19:29
Operator : HP/JU
Sample : K4029-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY2

Manual Integrations
APPROVED

mohammad
8/9/2019 6:10:35 AM

Quant Time: Aug 08 05:02:37 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 : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.827min (-0.010) 0.43ng/ul m

JU
08/08/19

response 7529

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	29.97
125.00	15.20	20.16#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

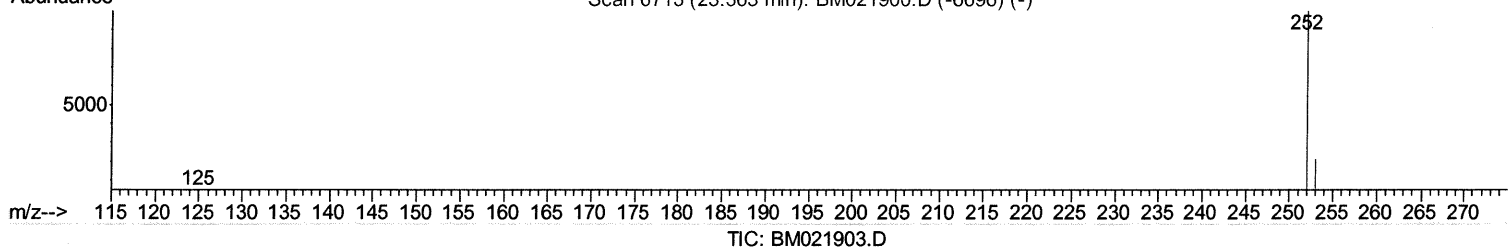
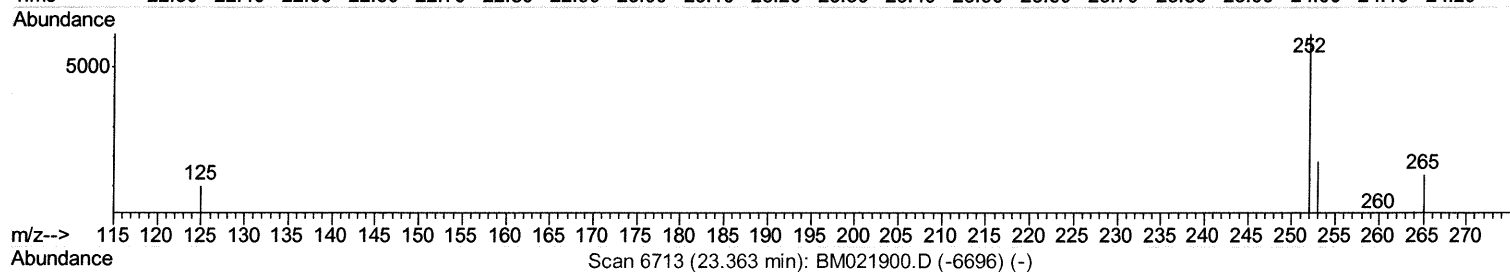
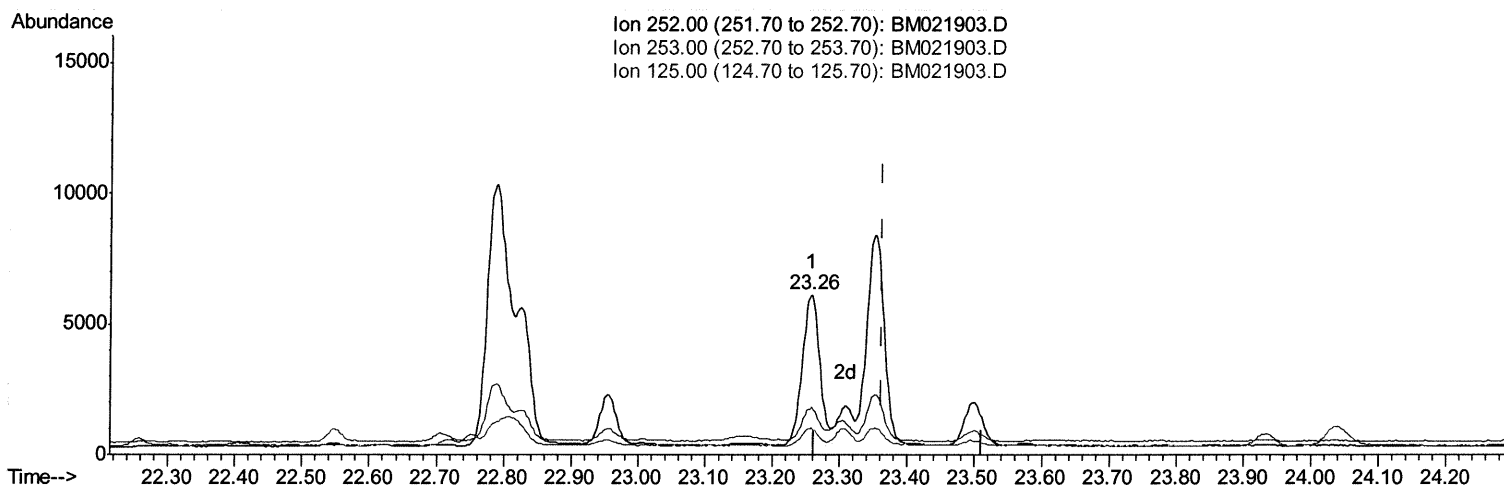
Data File : BM021903.D
Acq On : 07 Aug 2019 19:29
Operator : HP/JU
Sample : K4029-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY2

Manual Integrations
APPROVED

mohammad
8/9/2019 6:10:35 AM

Quant Time: Aug 08 05:02:37 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 : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.258min (-0.104) 0.66ng/ul

response 10515

Ion	Exp%	Act%
252.00	100	100
253.00	39.60	29.82#
125.00	18.20	16.71
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

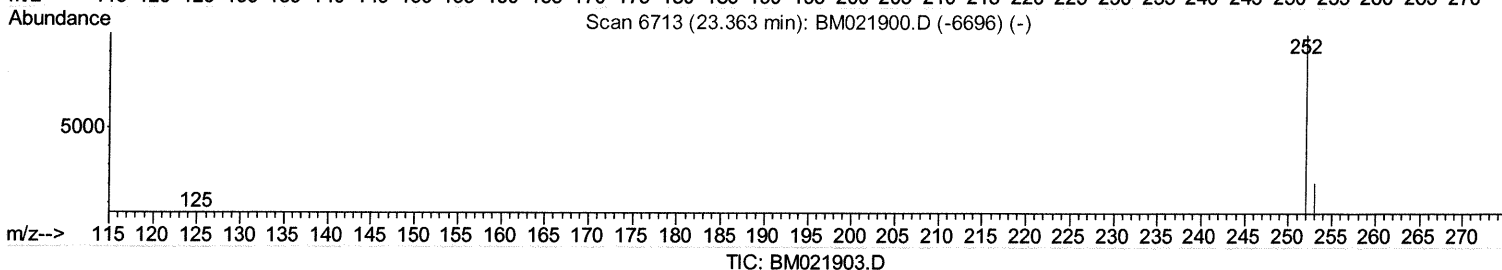
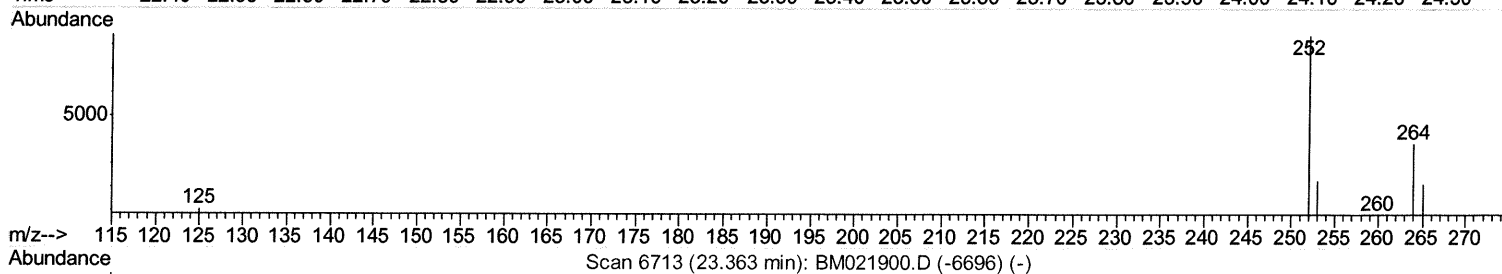
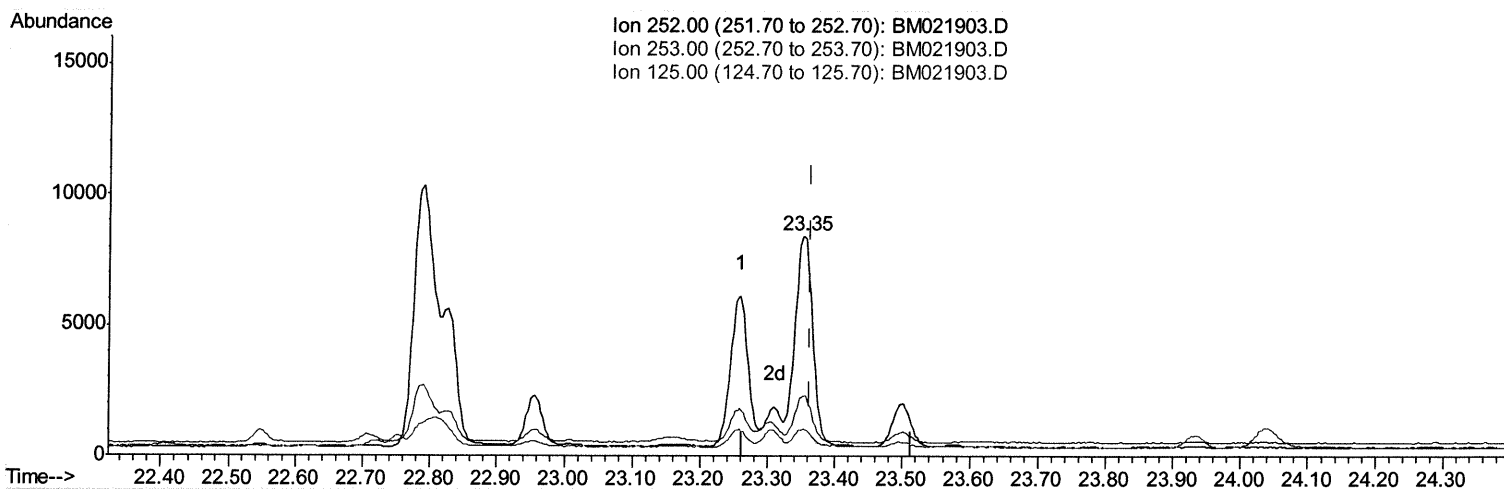
Data File : BM021903.D
Acq On : 07 Aug 2019 19:29
Operator : HP/JU
Sample : K4029-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY2

Manual Integrations
APPROVED

mohammad
8/9/2019 6:10:35 AM

Quant Time: Aug 08 05:02:37 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 : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.353min (-0.010) 0.89ng/ul m *JU 08/08/19*

response 14157

Ion	Exp%	Act%
252.00	100	100
253.00	39.60	27.21#
125.00	18.20	12.48#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

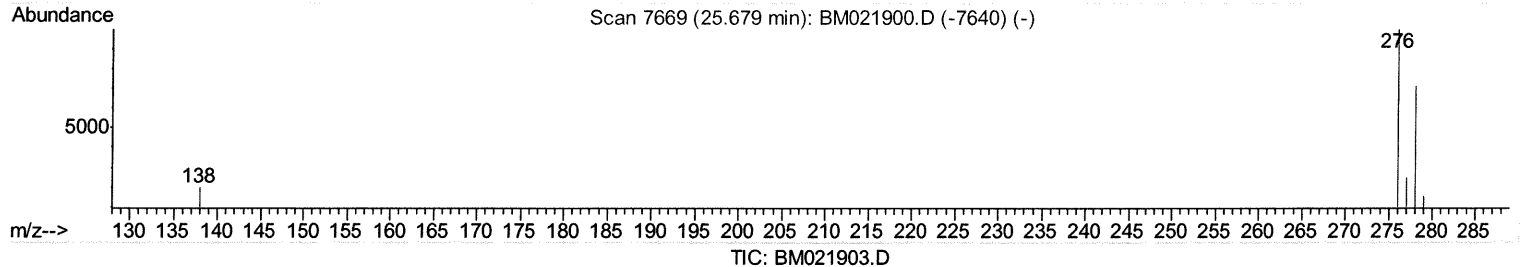
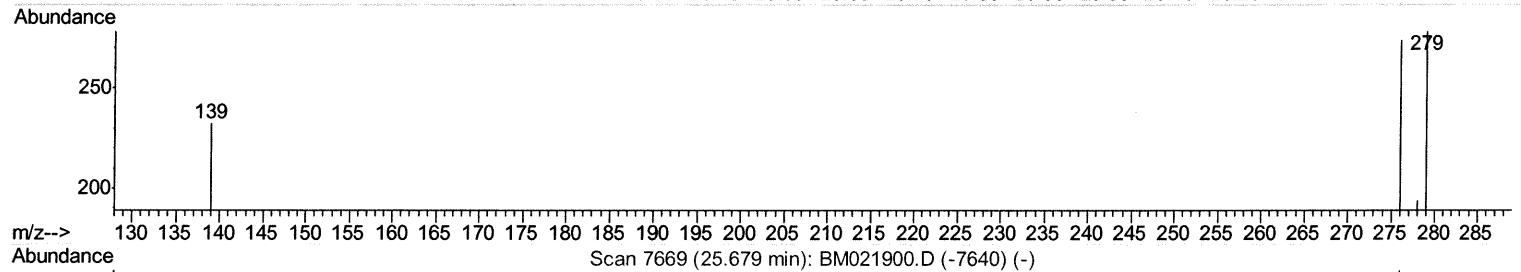
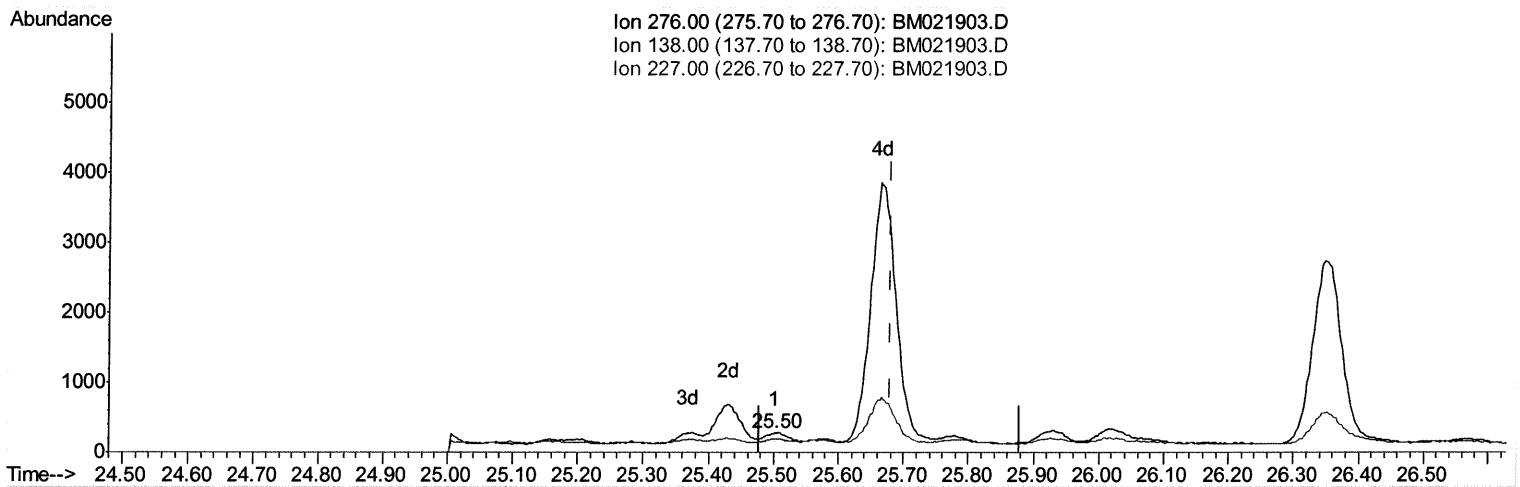
Data File : BM021903.D
Acq On : 07 Aug 2019 19:29
Operator : HP/JU
Sample : K4029-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY2

Manual Integrations
APPROVED

mohammad
8/9/2019 6:10:35 AM

Quant Time: Aug 08 05:02:37 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 : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



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

25.502min (-0.177) 0.02ng/ul

response 293

Ion	Exp%	Act%
276.00	100	100
138.00	18.90	38.57#
227.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

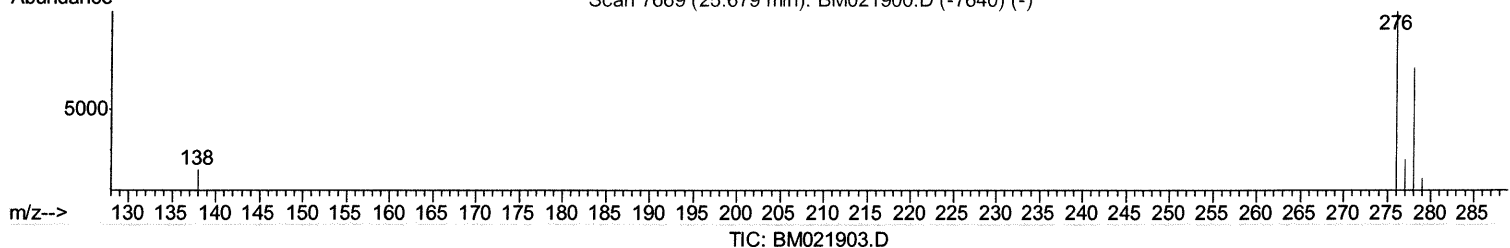
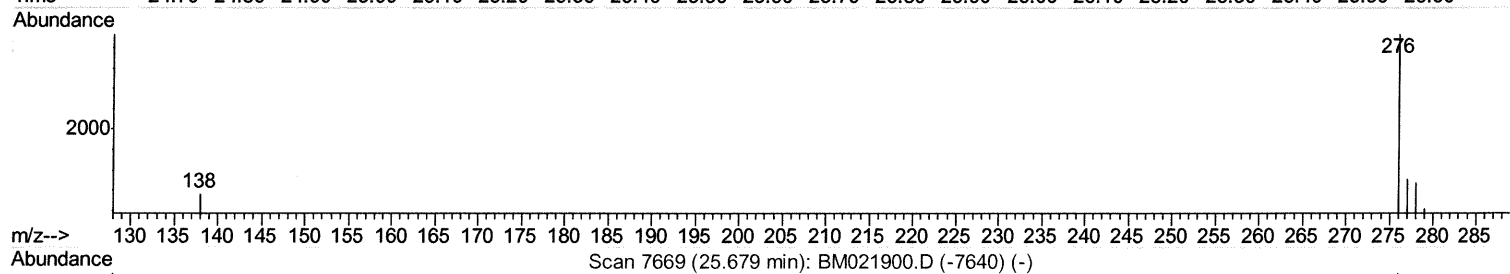
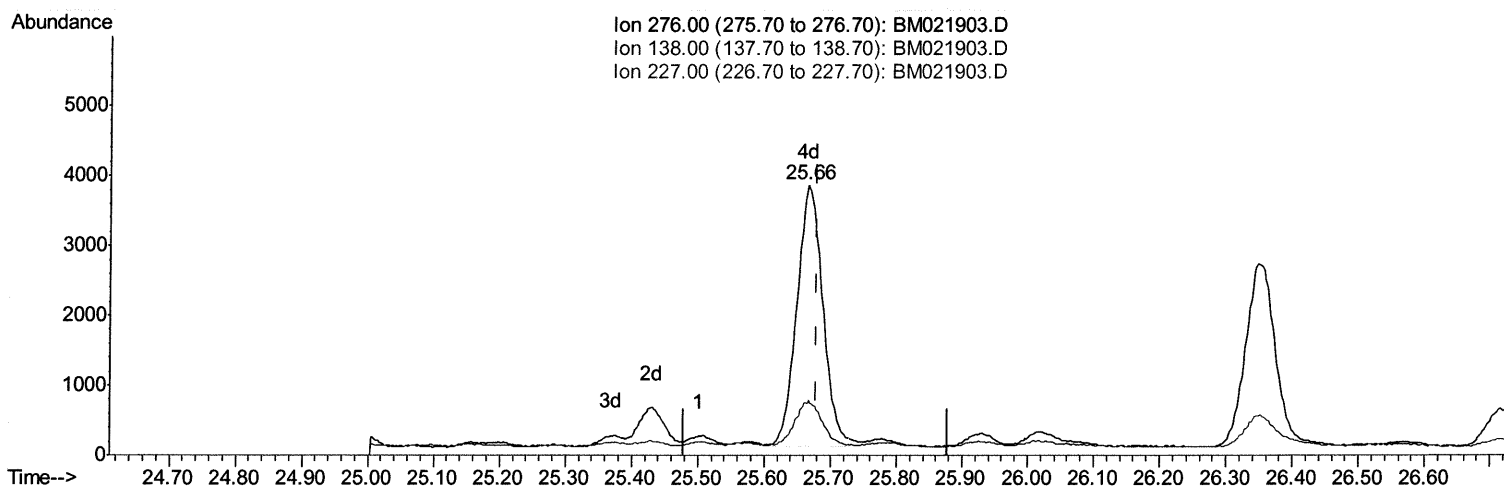
Data File : BM021903.D
Acq On : 07 Aug 2019 19:29
Operator : HP/JU
Sample : K4029-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BENY2

Manual Integrations
APPROVED

mohammad
8/9/2019 6:10:35 AM

Quant Time: Aug 08 05:02:37 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 : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



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

25.664min (-0.015) 0.54ng/ul m

JU 08/08/19

response 10171

Ion	Exp%	Act%
276.00	100	100
138.00	18.90	1.11#
227.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

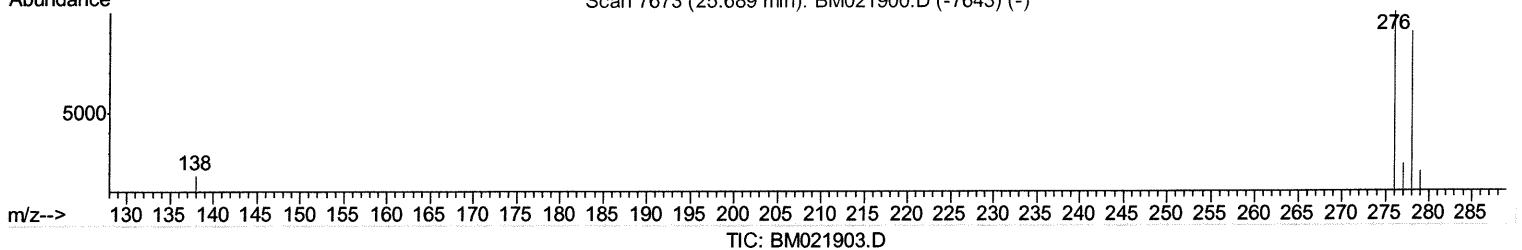
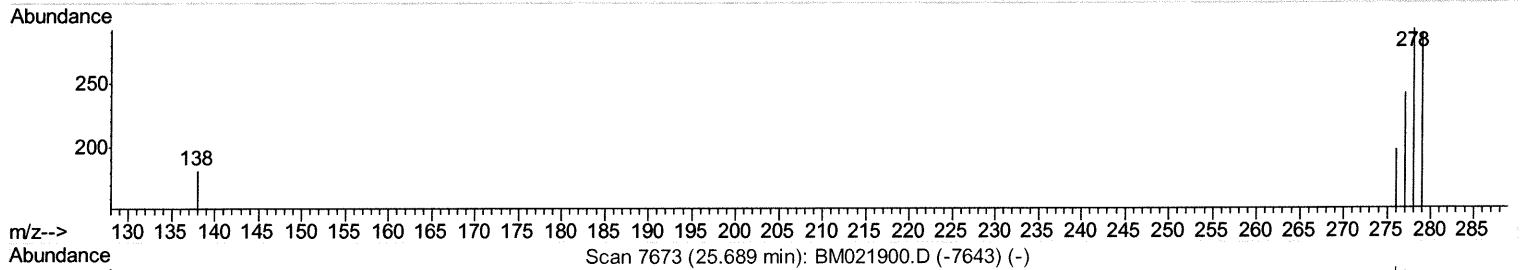
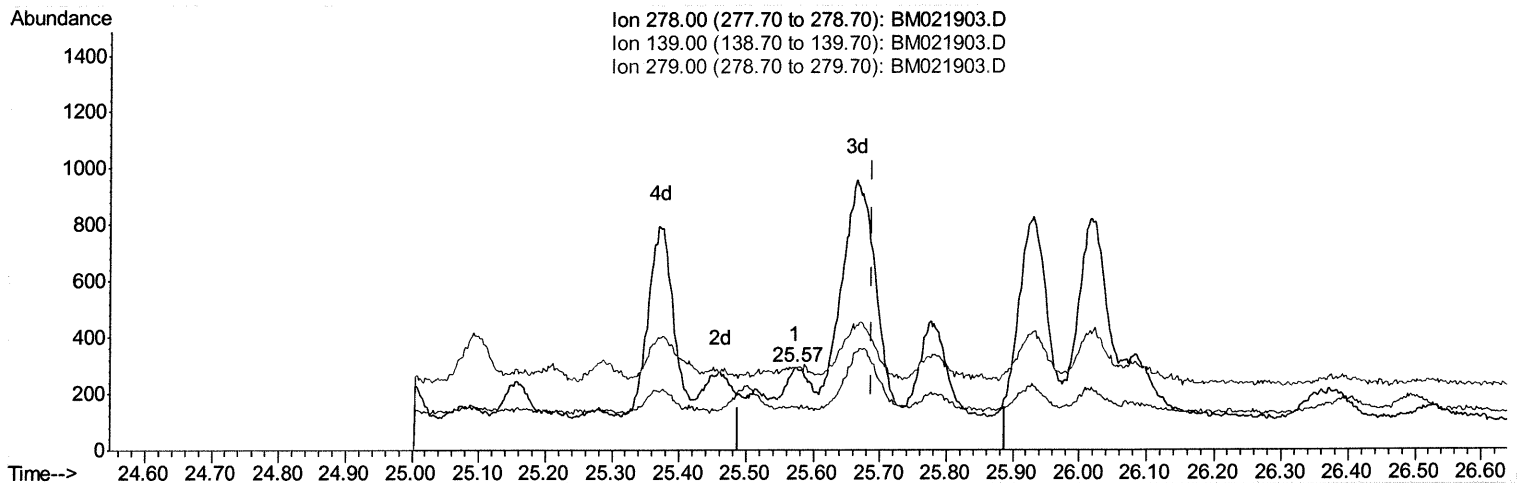
Data File : BM021903.D
Acq On : 07 Aug 2019 19:29
Operator : HP/JU
Sample : K4029-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY2

Manual Integrations
APPROVED

mohammad
8/9/2019 6:10:35 AM

Quant Time: Aug 08 05:02:37 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 : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.572min (-0.117) 0.01ng/ul

response 211

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	52.05#
279.00	35.40	98.29#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

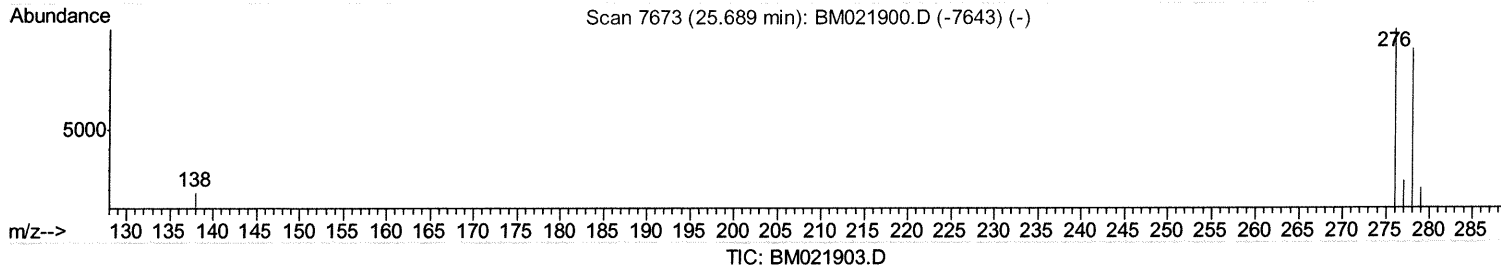
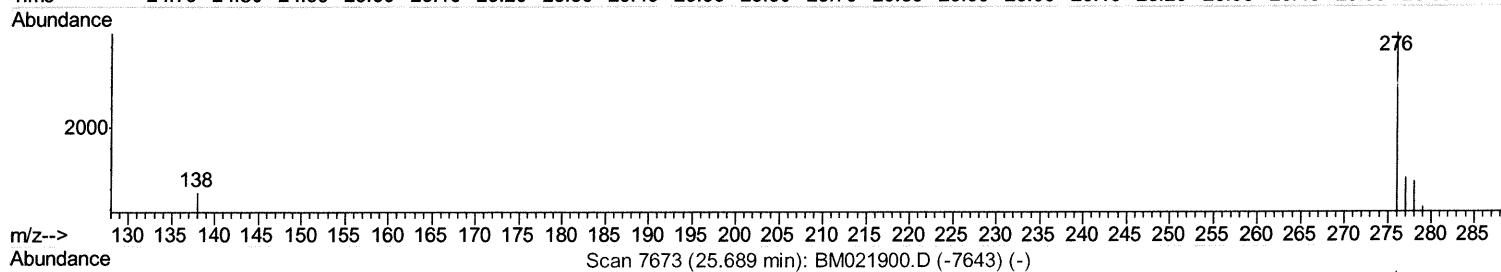
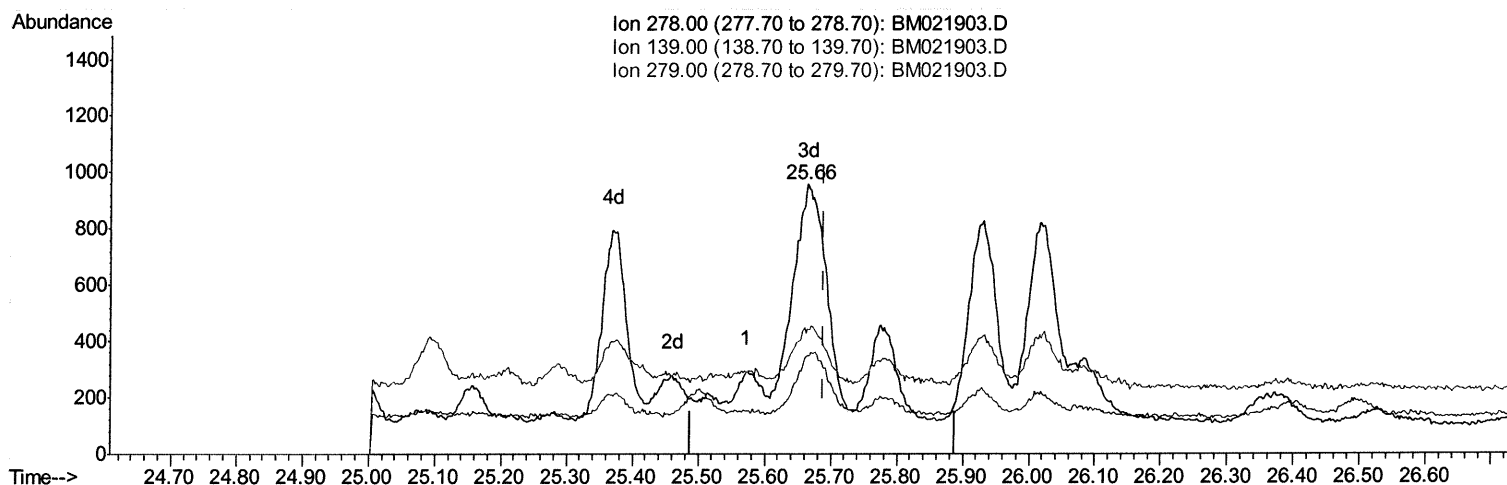
Data File : BM021903.D
Acq On : 07 Aug 2019 19:29
Operator : HP/JU
Sample : K4029-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY2

Manual Integrations
APPROVED

mohammad
8/9/2019 6:10:35 AM

Quant Time: Aug 08 05:02:37 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 : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.664min (-0.025) 0.19ng/ul m

JU
08/08/19

response 2977

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	36.33#
279.00	35.40	46.24#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

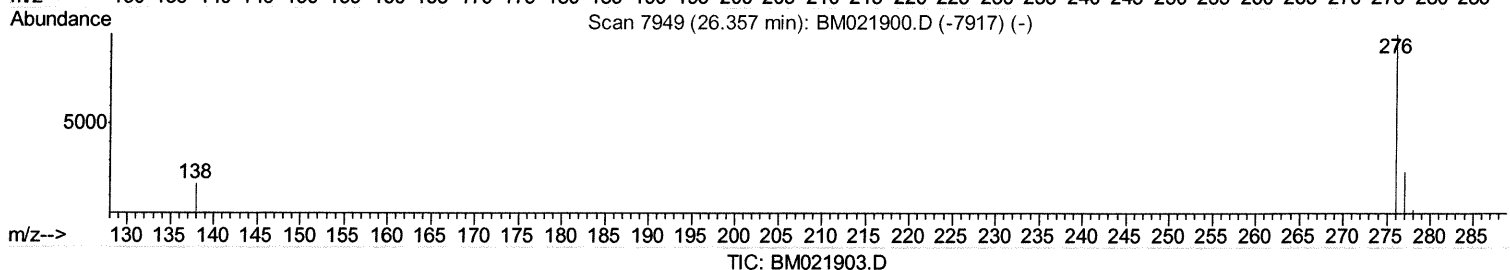
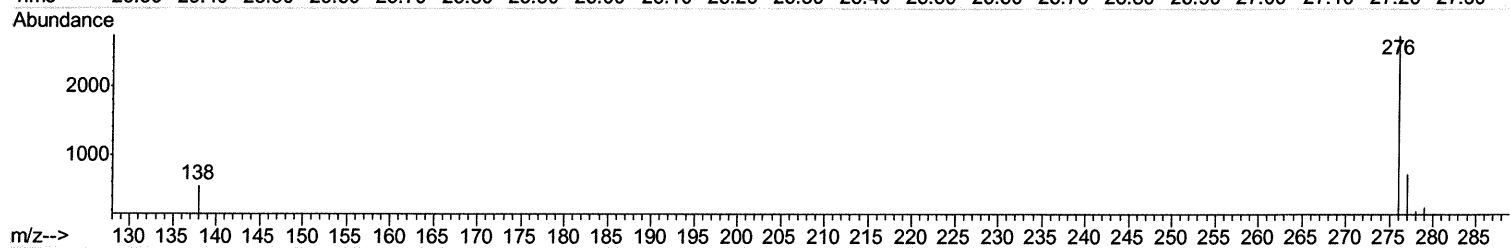
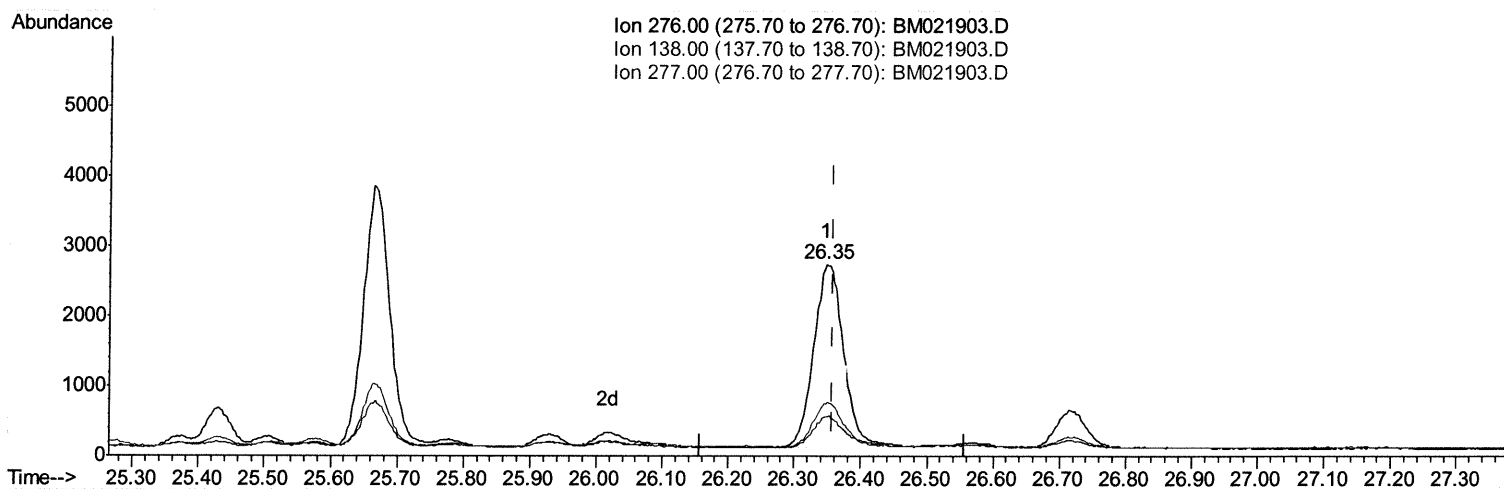
Data File : BM021903.D
Acq On : 07 Aug 2019 19:29
Operator : HP/JU
Sample : K4029-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY2

Manual Integrations
APPROVED

mohammad
8/9/2019 6:10:35 AM

Quant Time: Aug 08 05:02:37 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 : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



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

26.347min (-0.010) 0.42ng/ul

response 7204

Ion	Exp%	Act%
276.00	100	100
138.00	19.40	20.41
277.00	26.80	26.98
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

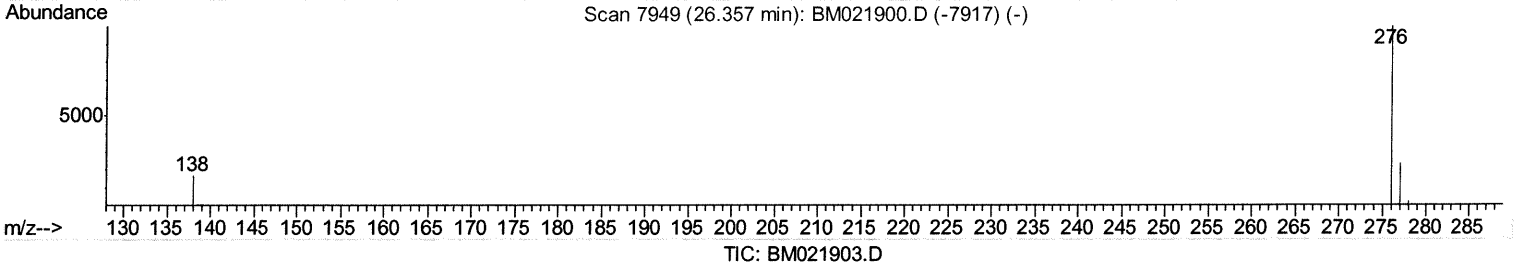
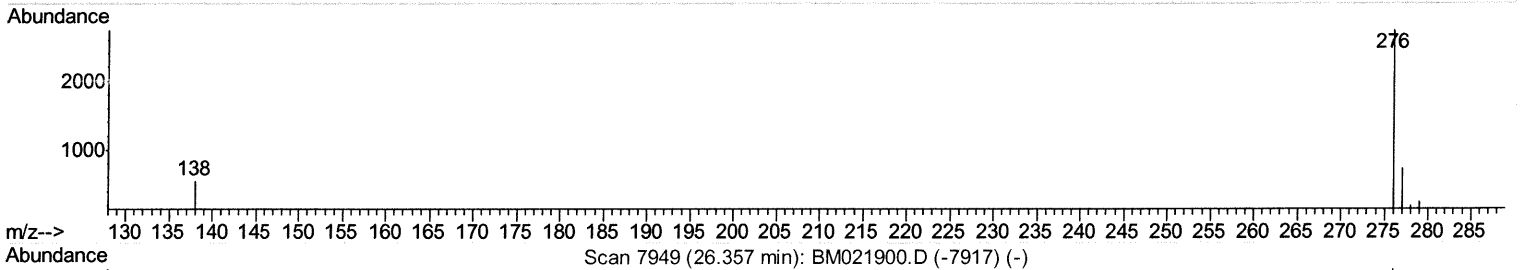
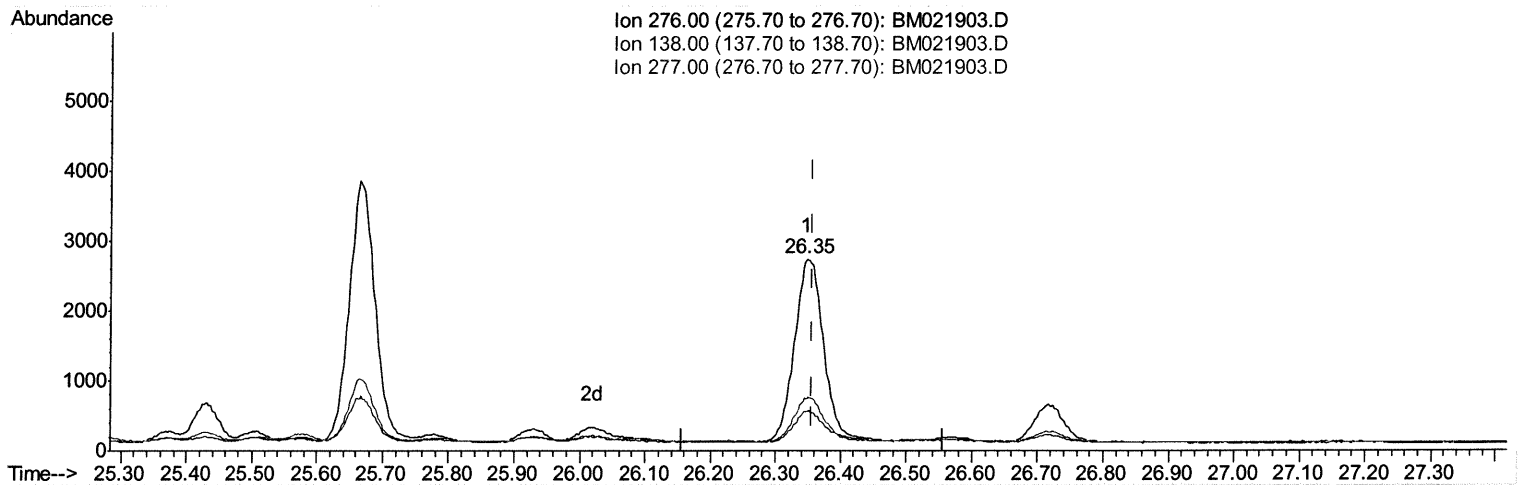
Data File : BM021903.D
Acq On : 07 Aug 2019 19:29
Operator : HP/JU
Sample : K4029-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY2

Manual Integrations
APPROVED

mohammad
8/9/2019 6:10:35 AM

Quant Time: Aug 08 05:02:37 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 : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



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

26.347min (-0.010) 0.48ng/ul m

JU
08/08/19

response 8219

Ion	Exp%	Act%
276.00	100	100
138.00	19.40	20.41
277.00	26.80	26.98
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (QT Reviewed)

Data File : BM021903.D
Acq On : 07 Aug 2019 19:29
Operator : HP/JU
Sample : K4029-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY2

Manual Integrations
APPROVED

mohammad
8/9/2019 6:10:35 AM

Quant Time: Aug 08 05:04:30 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 : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	850	0.40	ng/ul	0.00
2) Naphthalene-d8	10.40	136	3610	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.28	164	2095	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	4938m →	0.40	ng/ul	0.02
16) Chrysene-d12	21.24	240	4837m →	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	4625m →	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.01	152	2649	0.44	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	7213m →	0.43	ng/ul	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.45	128	597	0.059	ng/ul#	81
5) 2-Methylnaphthalene	12.09	142	340	0.050	ng/ul	98
7) Acenaphthylene	14.00	152	1500	0.154	ng/ul#	76
8) Acenaphthene	14.34	153	332	0.042	ng/ul#	93
9) Fluorene	15.33	166	490	0.055	ng/ul#	96
12) Phenanthrene	17.07	178	9600m →	0.668	ng/ul	2JU 08/08/19
13) Anthracene	17.17	178	2350m →	0.192	ng/ul	98
15) Fluoranthene	19.10	202	25500m →	1.325	ng/ul	99
17) Pyrene	19.46	202	24786	1.247	ng/ul	99
18) Benzo(a)anthracene	21.22	228	14501	0.838	ng/ul	98
19) Chrysene	21.27	228	16867	0.758	ng/ul	99
21) Benzo(b)fluoranthene	22.79	252	21516m →	1.380	ng/ul	99
22) Benzo(k)fluoranthene	22.83	252	7529m →	0.427	ng/ul	99
23) Benzo(a)pyrene	23.35	252	14157m →	0.893	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.66	276	10171m →	0.537	ng/ul	99
25) Dibenzo(a,h)anthracene	25.66	278	2977m →	0.194	ng/ul	99
26) Benzo(g,h,i)perylene	26.35	276	8219m →	0.482	ng/ul	99

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