

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

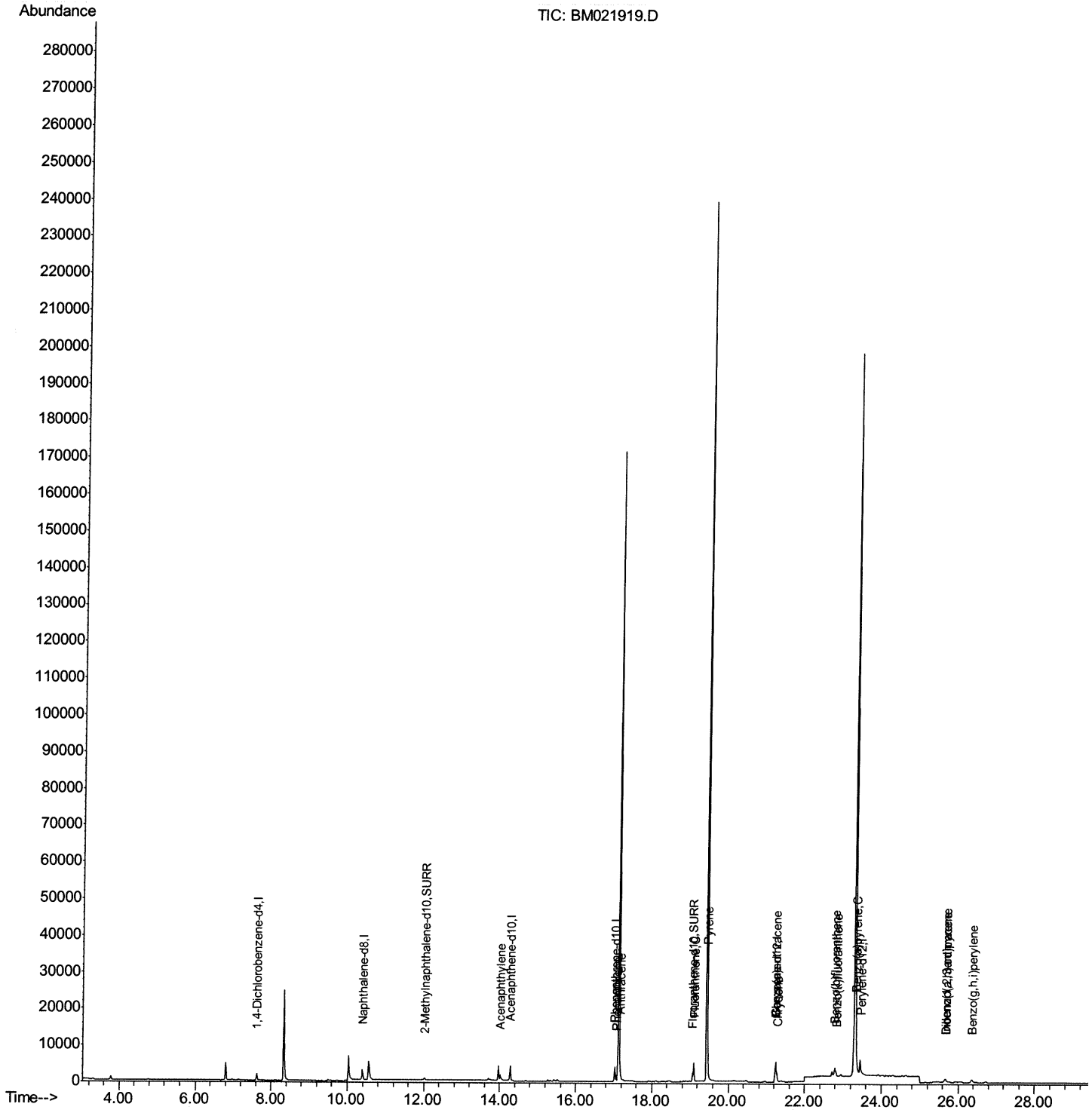
Data File : BM021919.D
Acq On : 08 Aug 2019 05:49
Operator : HP/JU
Sample : K4028-21
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
Client Sampled :
BENW4

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:37 AM

Quant Time: Aug 08 07:12:28 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 06:54:24 2019
Response via : Initial Calibration



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

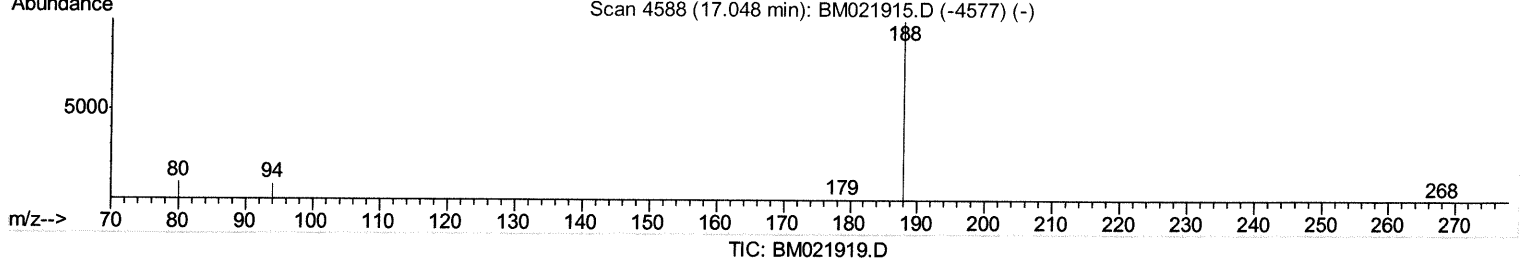
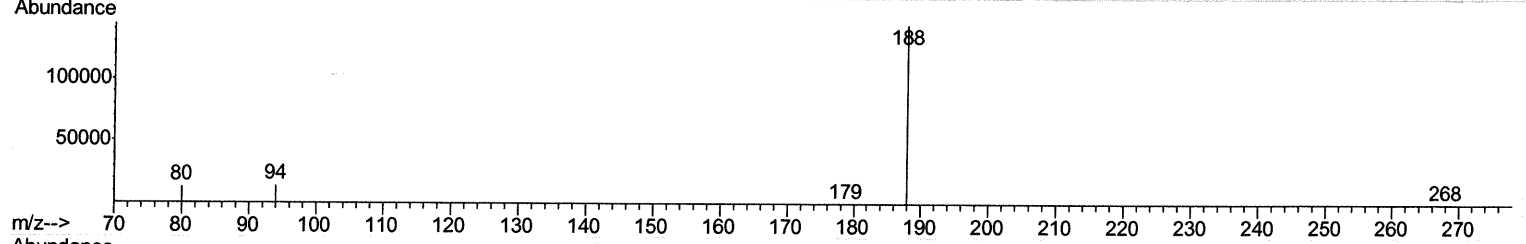
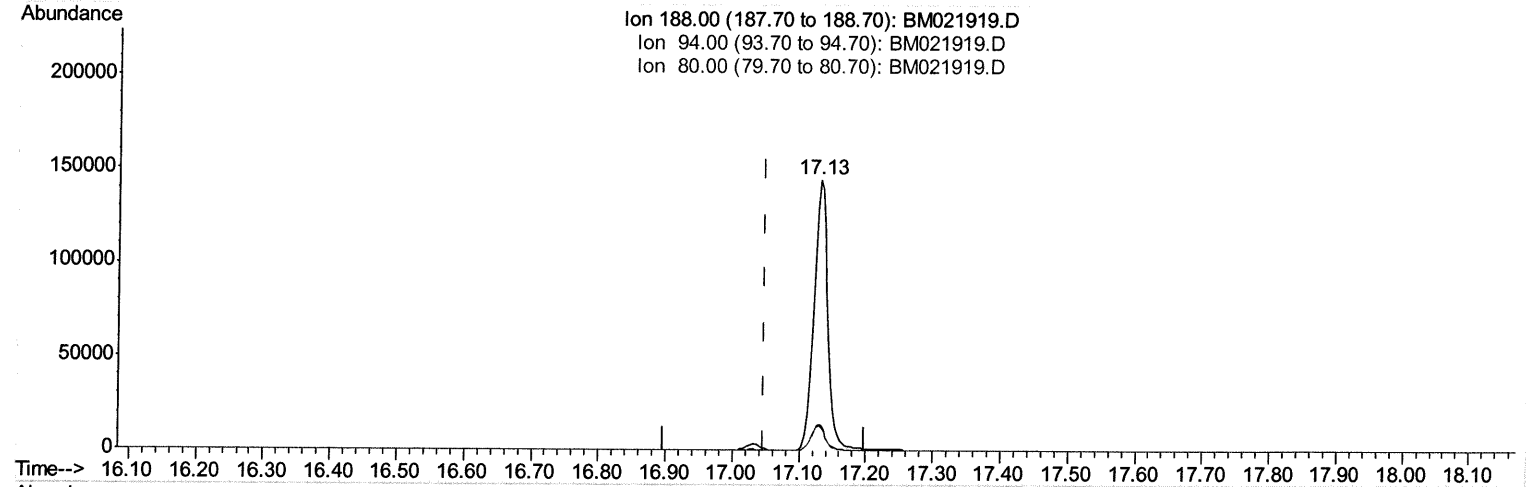
Data File : BM021919.D
Acq On : 08 Aug 2019 05:49
Operator : HP/JU
Sample : K4028-21
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BENW4

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:37 AM

Quant Time: Aug 08 06:57:11 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 06:54:24 2019
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.129min (+0.082) 0.40ng/ul

response 206006

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	9.67
80.00	11.40	9.25
0.00	0.00	0.00

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

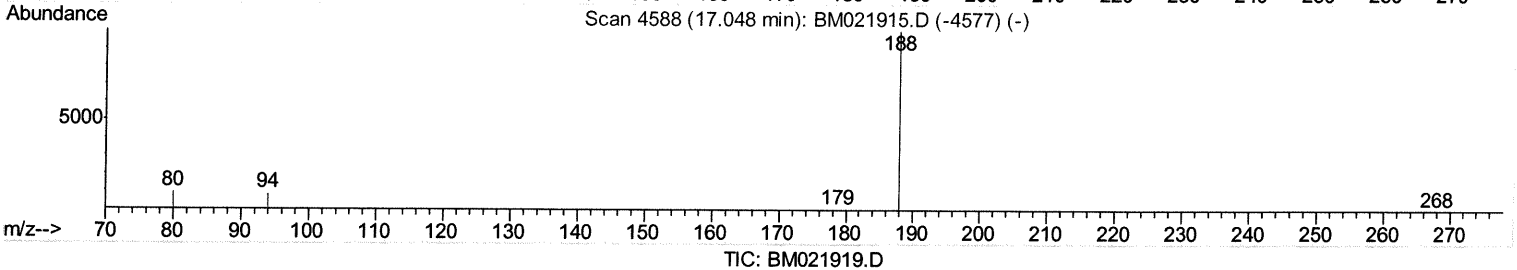
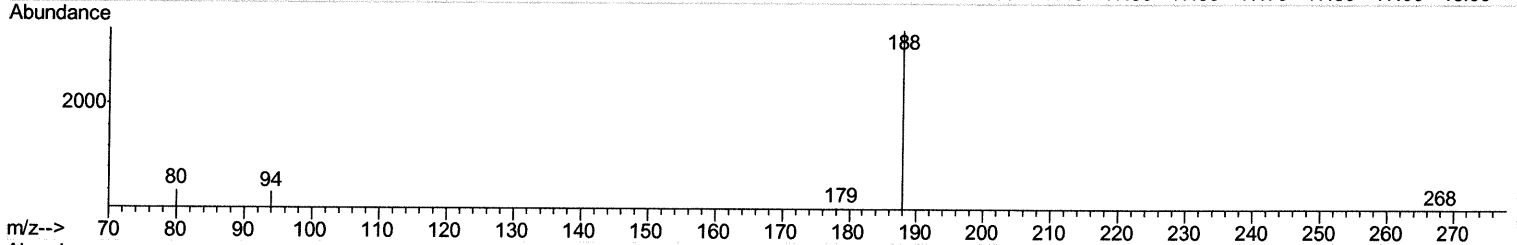
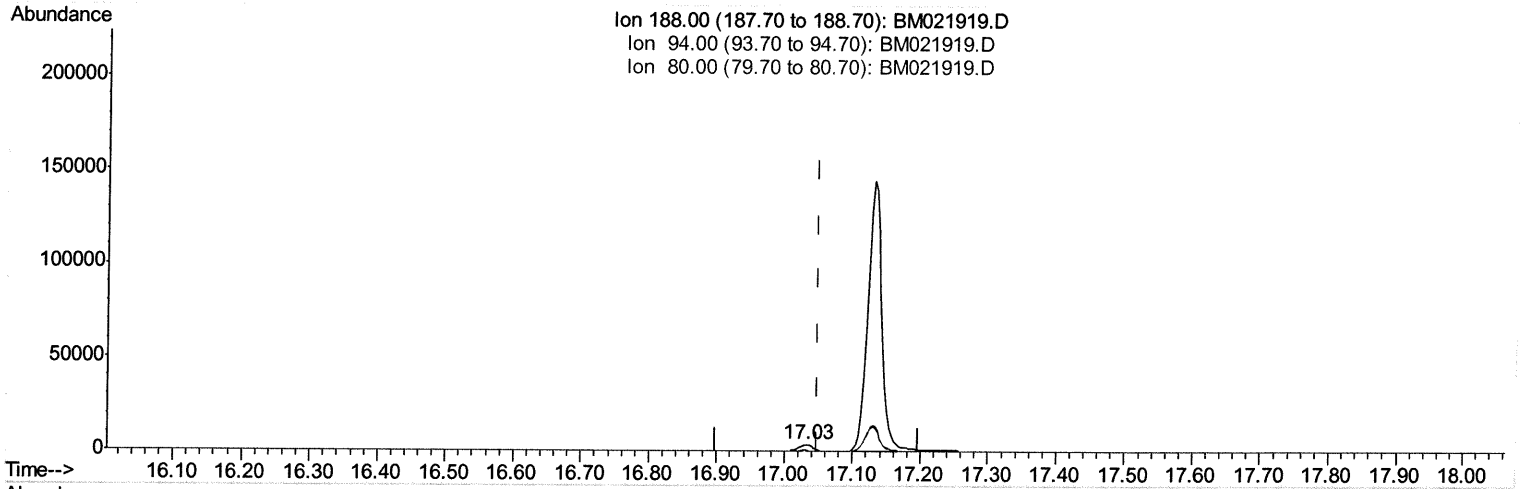
Data File : BM021919.D
Acq On : 08 Aug 2019 05:49
Operator : HP/JU
Sample : K4028-21
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENW4

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:37 AM

Quant Time: Aug 08 06:57:11 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 06:54:24 2019
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.032min (-0.015) 0.40ng/ul m

JU
08/08/19

response 5039

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	10.01
80.00	11.40	11.15
0.00	0.00	0.00

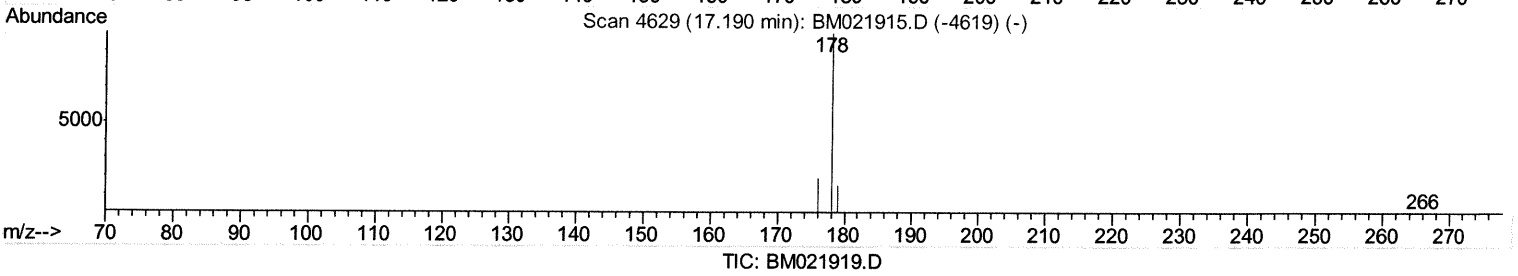
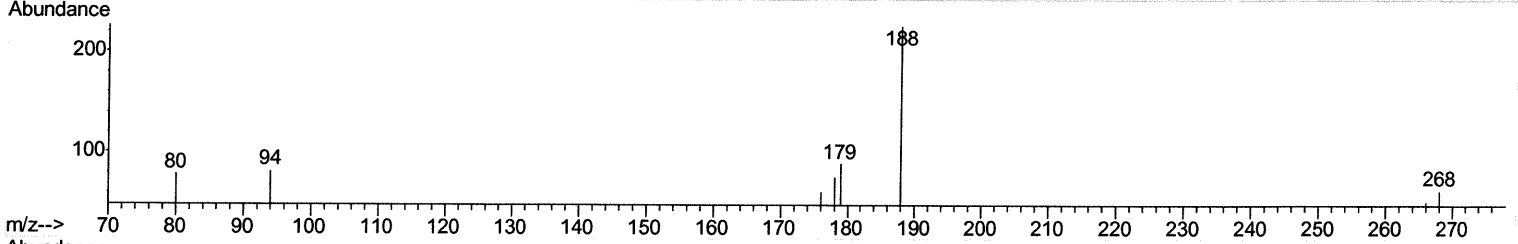
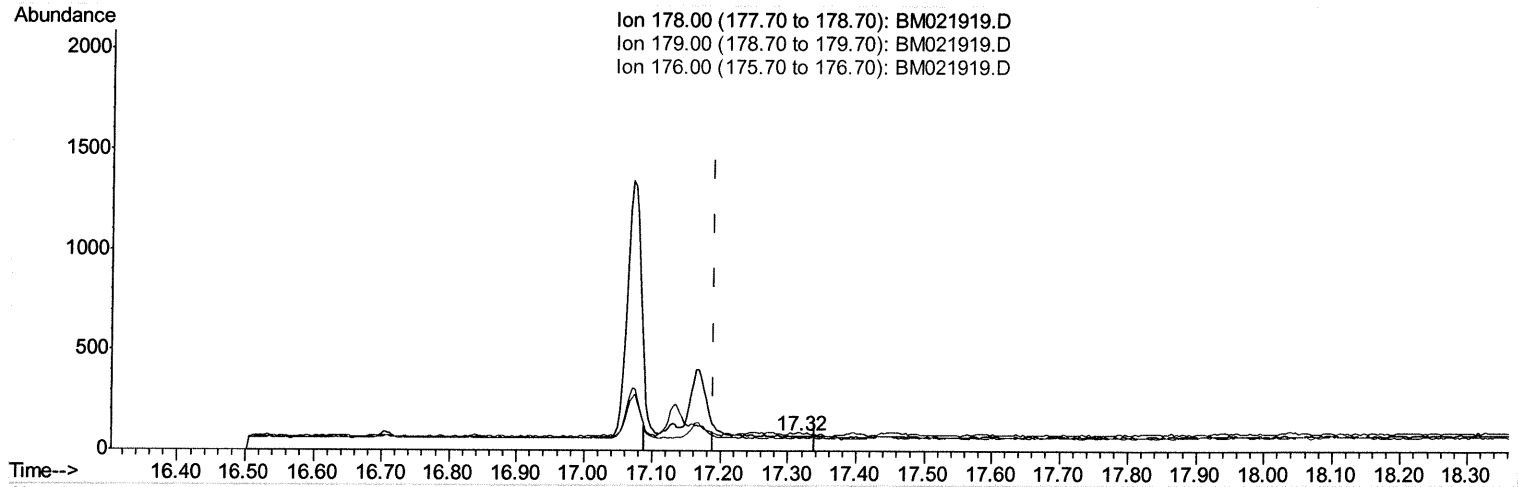
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

Data File : BM021919.D
Acq On : 08 Aug 2019 05:49
Operator : HP/JU
Sample : K4028-21
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENW4

Manual Integrations
APPROVED
mohammad
8/9/2019 6:11:37 AM

Quant Time: Aug 08 07:08:51 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 06:54:24 2019
Response via : Initial Calibration



(13) Anthracene
17.317min (+0.127) 0.00ng/ul
response 19

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	117.11#
176.00	20.80	80.26#
0.00	0.00	0.00

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

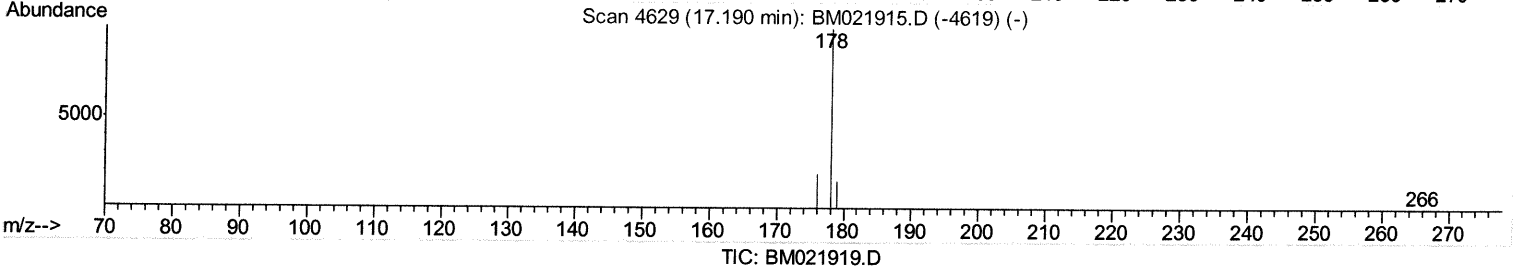
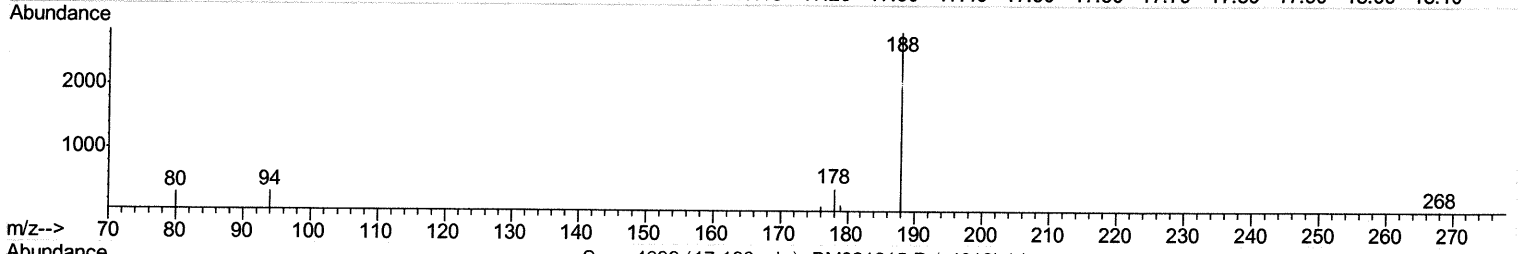
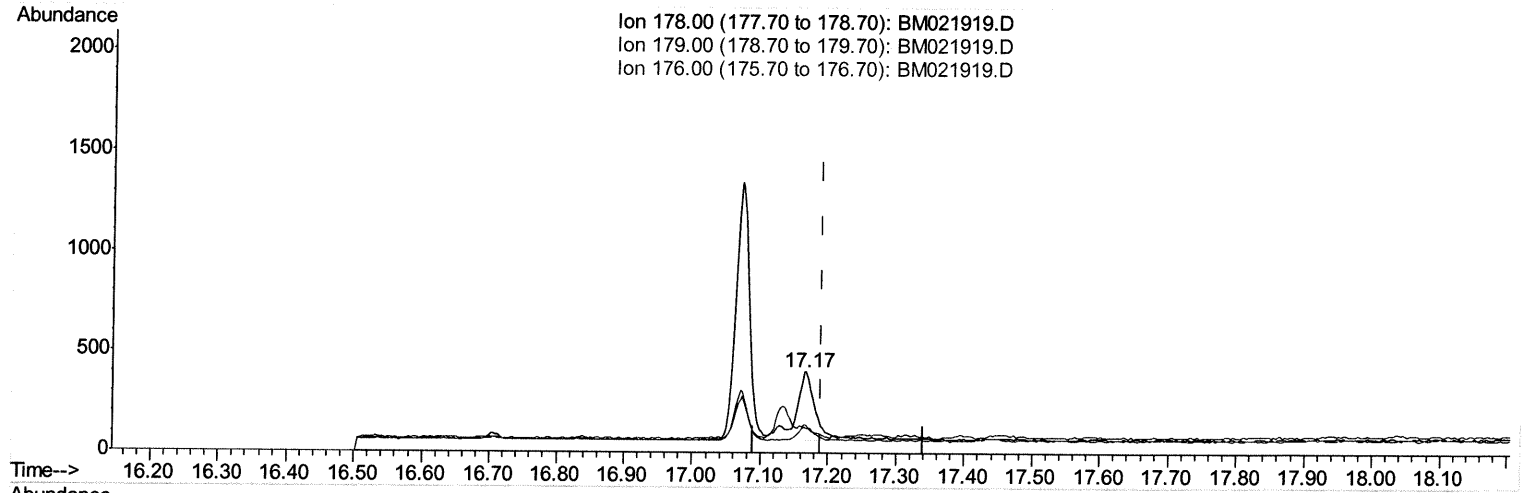
Data File : BM021919.D
Acq On : 08 Aug 2019 05:49
Operator : HP/JU
Sample : K4028-21
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENW4

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:37 AM

Quant Time: Aug 08 07:08:51 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 06:54:24 2019
Response via : Initial Calibration



(13) Anthracene

17.168min (-0.022) 0.05ng/ul m

JU
08/08/19

response 581

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	34.99#
176.00	20.80	30.27#
0.00	0.00	0.00

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

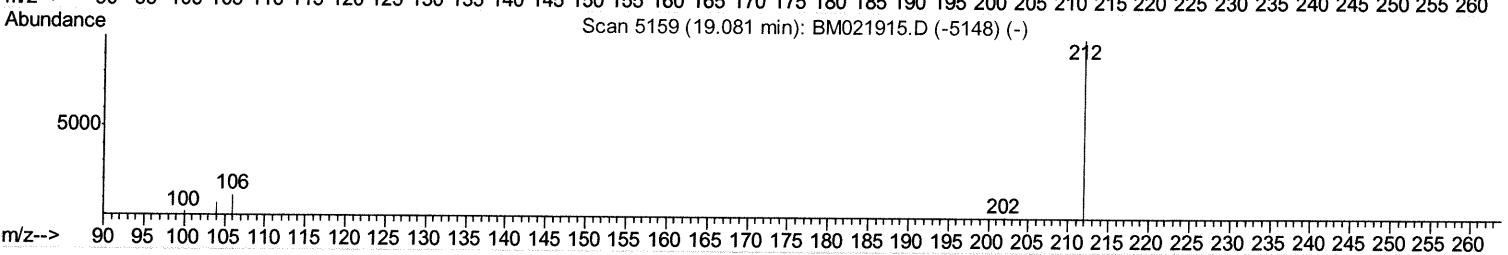
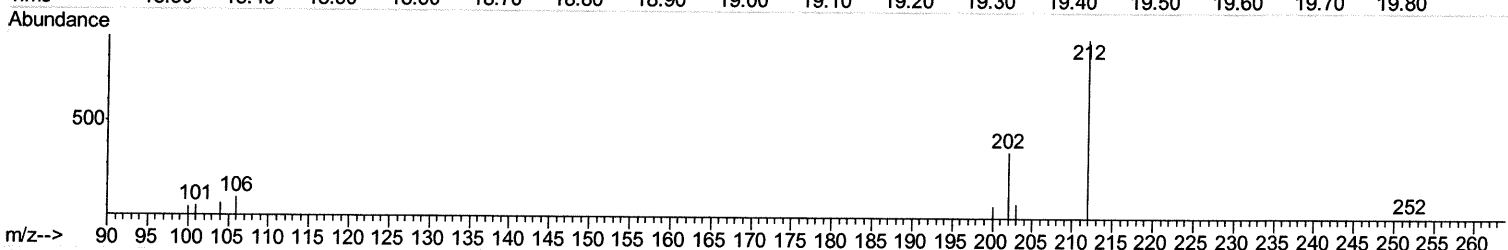
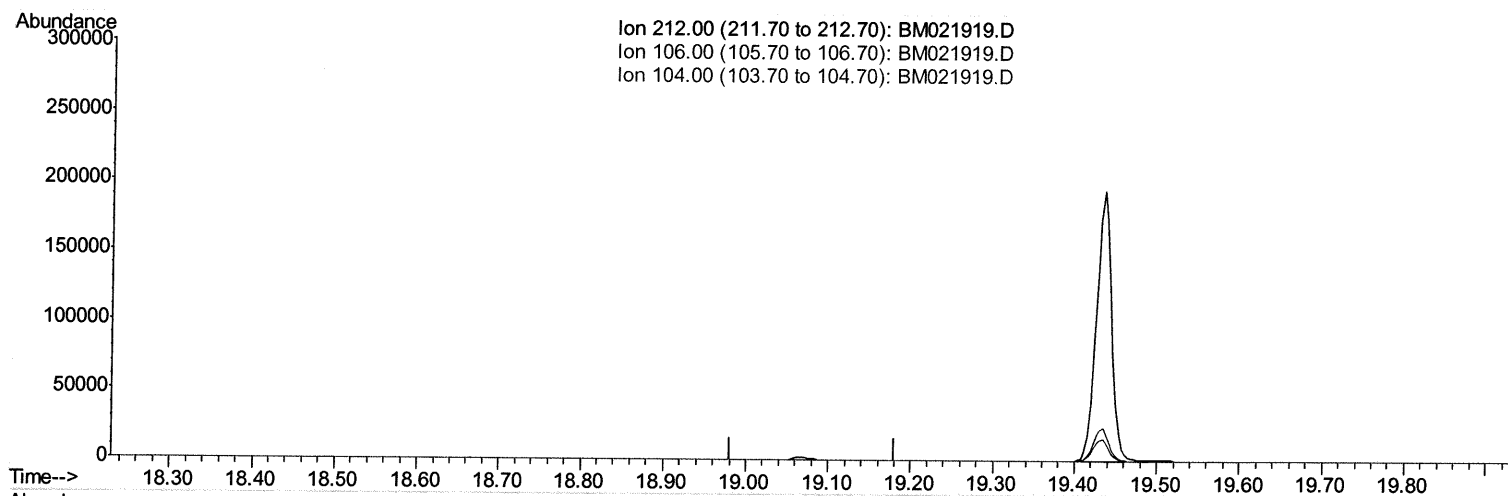
Data File : BM021919.D
Acq On : 08 Aug 2019 05:49
Operator : HP/JU
Sample : K4028-21
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENW4

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:37 AM

Quant Time: Aug 08 07:08:51 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 06:54:24 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)

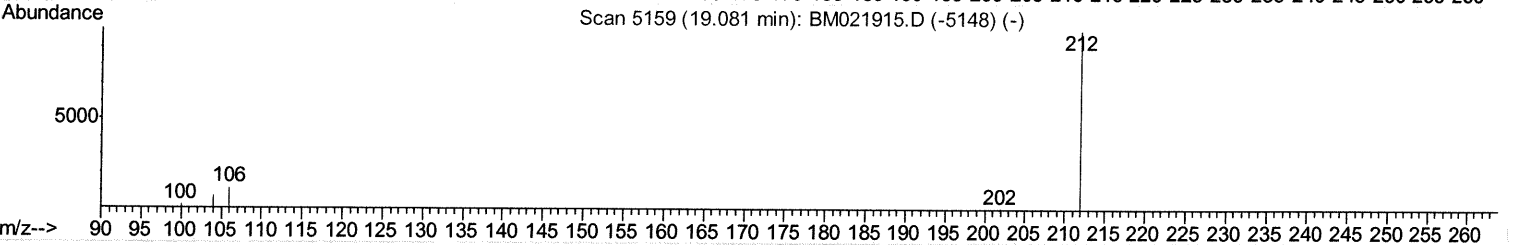
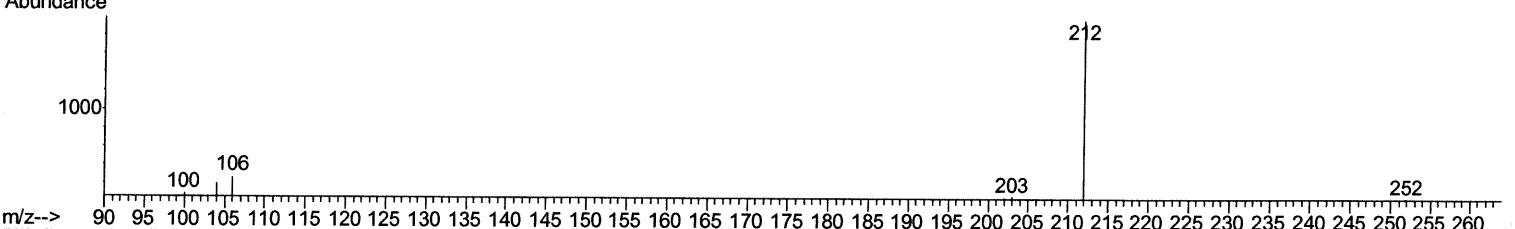
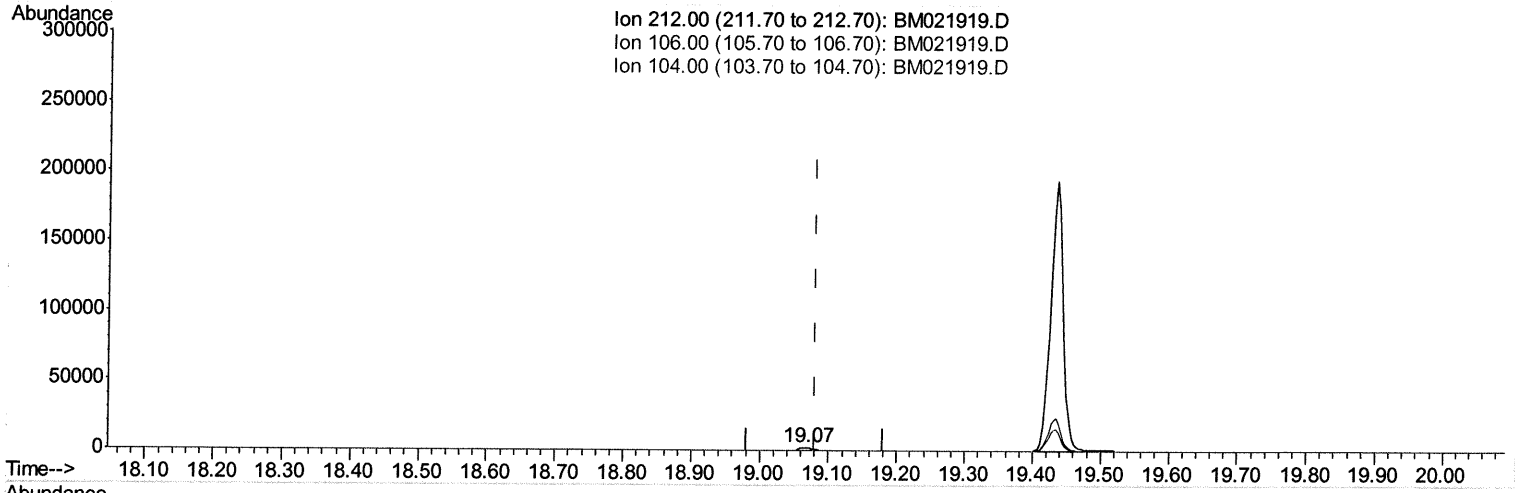
Data File : BM021919.D
Acq On : 08 Aug 2019 05:49
Operator : HP/JU
Sample : K4028-21
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BENW4

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:37 AM

Quant Time: Aug 08 07:08:51 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 06:54:24 2019
Response via : Initial Calibration



TIC: BM021919.D

(14) Fluoranthene-d10 (SURR)

19.068min (-0.013) 0.16ng/ul m

JU
08/08/19

response 2685

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)

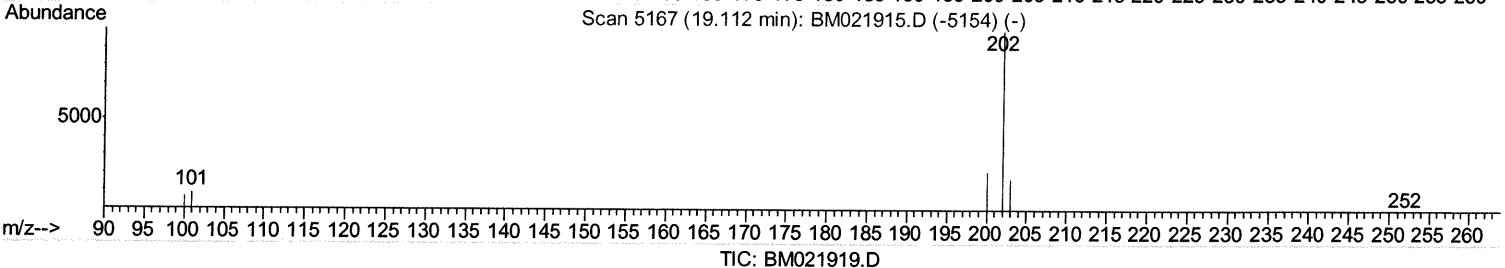
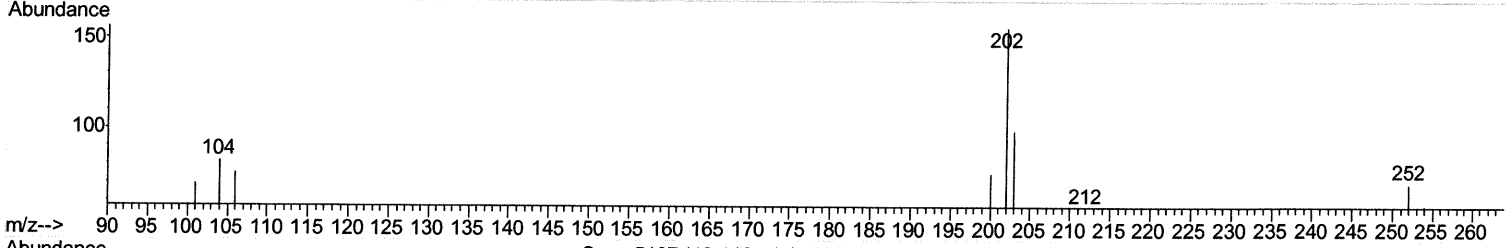
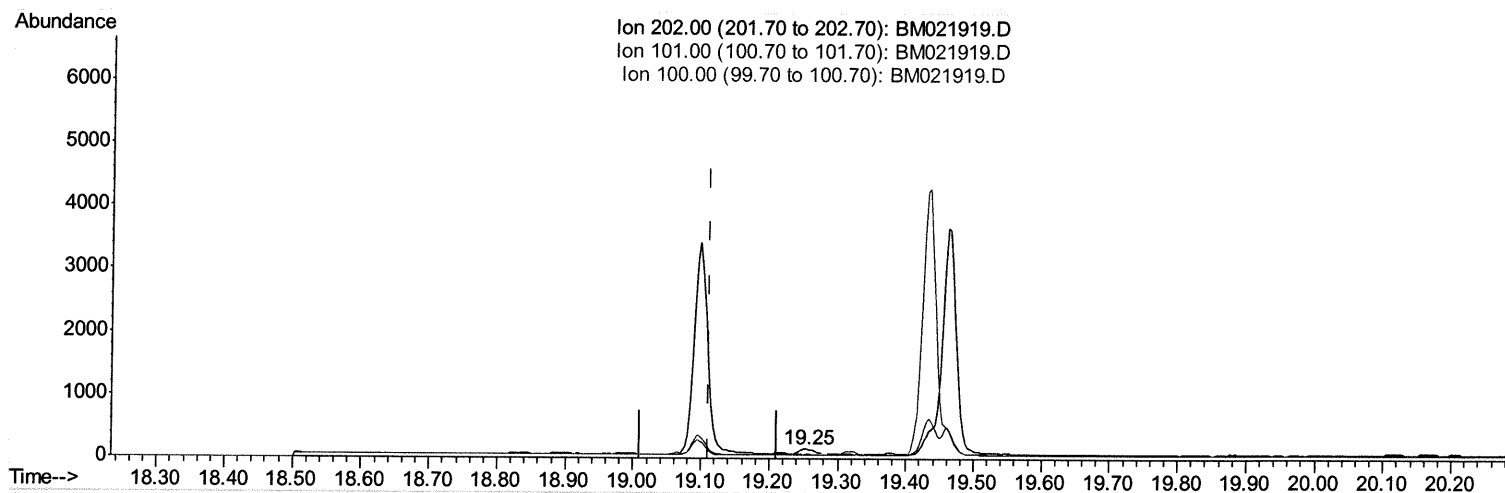
Data File : BM021919.D
Acq On : 08 Aug 2019 05:49
Operator : HP/JU
Sample : K4028-21
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BENW4

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:37 AM

Quant Time: Aug 08 07:08:51 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 06:54:24 2019
Response via : Initial Calibration



(15) Fluoranthene (C)

19.255min (+0.143) 0.01ng/ul

response 118

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	44.23#
100.00	8.10	37.18#
0.00	0.00	0.00

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

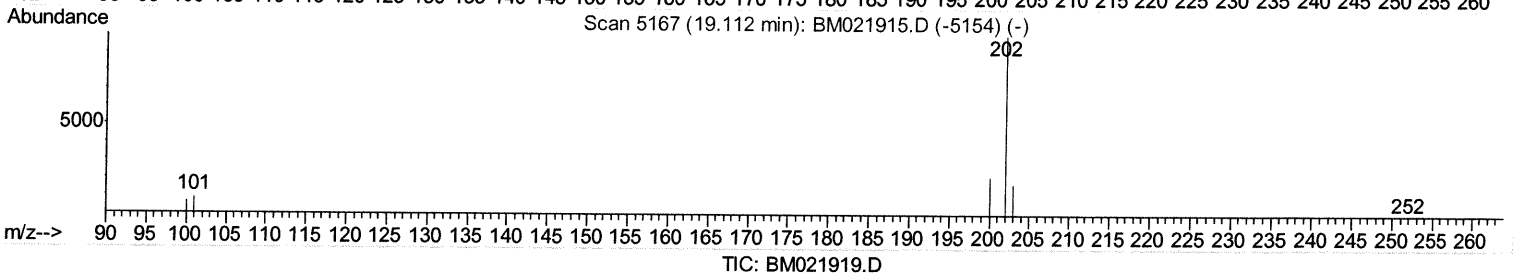
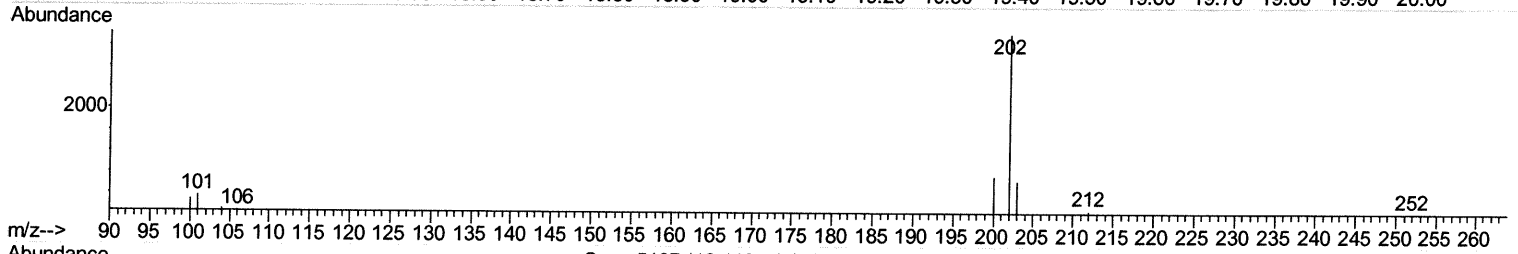
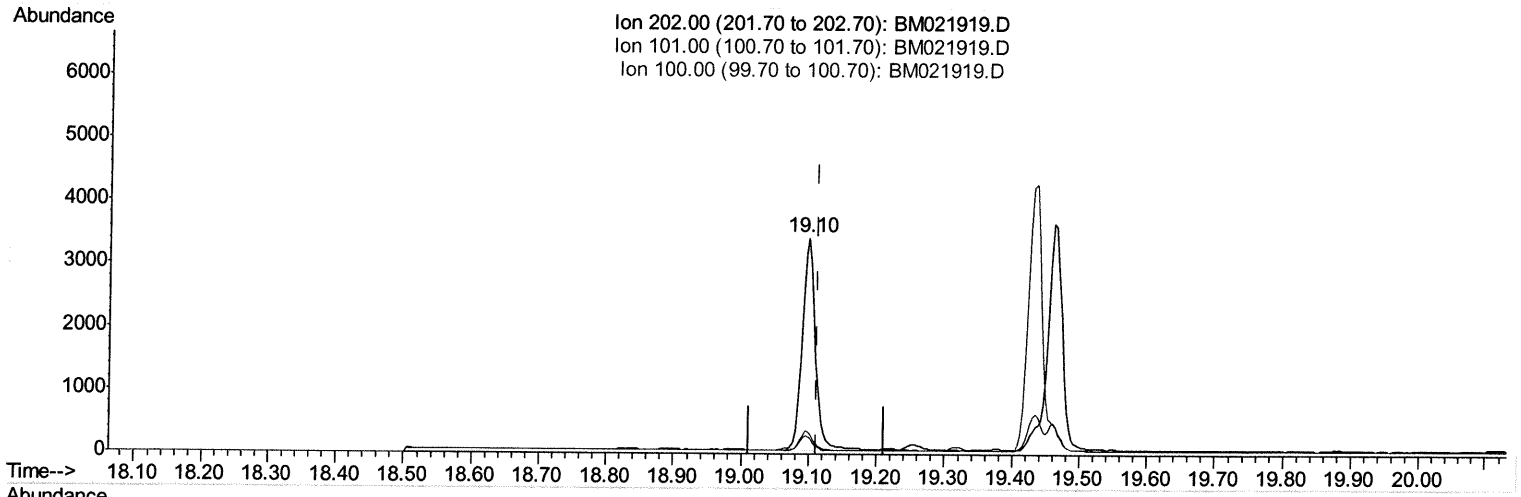
Data File : BM021919.D
Acq On : 08 Aug 2019 05:49
Operator : HP/JU
Sample : K4028-21
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BENW4

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:37 AM

Quant Time: Aug 08 07:08:51 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 06:54:24 2019
Response via : Initial Calibration



(15) Fluoranthene (C)

19.099min (-0.013) 0.23ng/ul m *Ju 08/08/19*

response 4592

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	10.30
100.00	8.10	8.19
0.00	0.00	0.00

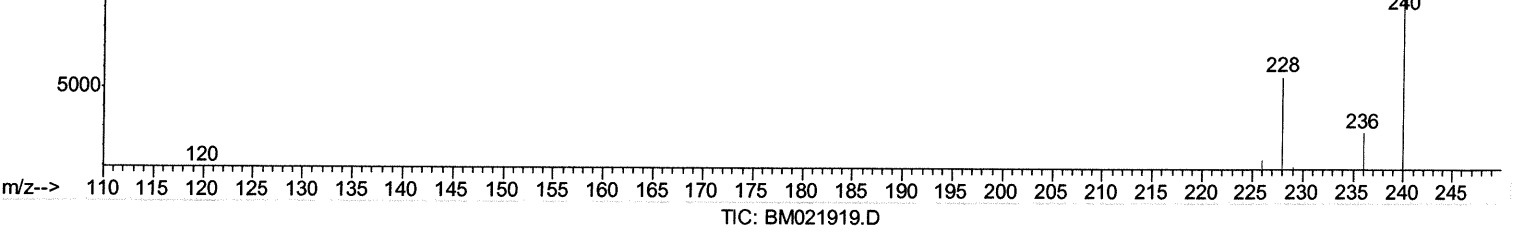
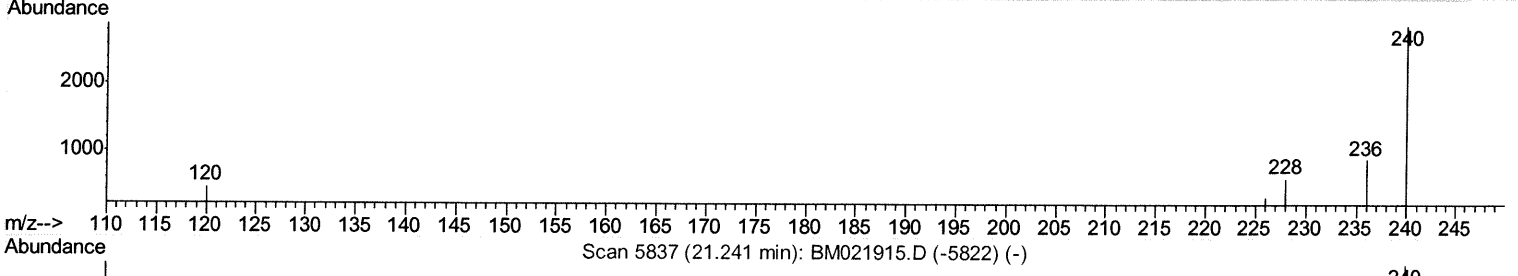
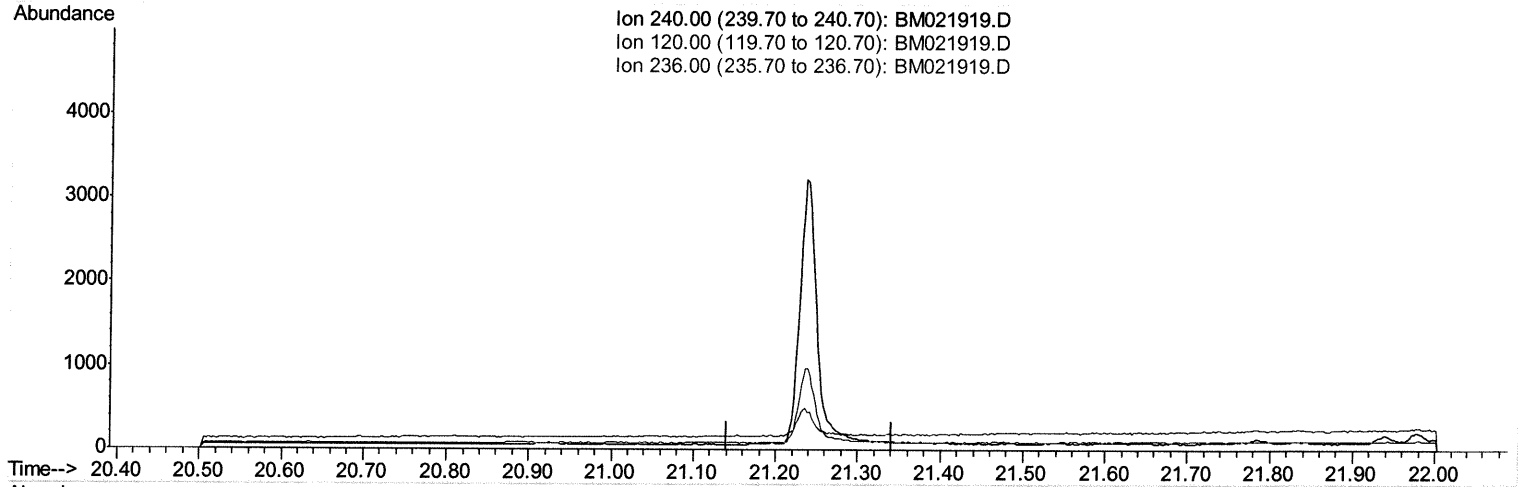
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

Data File : BM021919.D
Acq On : 08 Aug 2019 05:49
Operator : HP/JU
Sample : K4028-21
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENW4

Manual Integrations
APPROVED
mohammad
8/9/2019 6:11:37 AM

Quant Time: Aug 08 07:08:51 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 06:54:24 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)

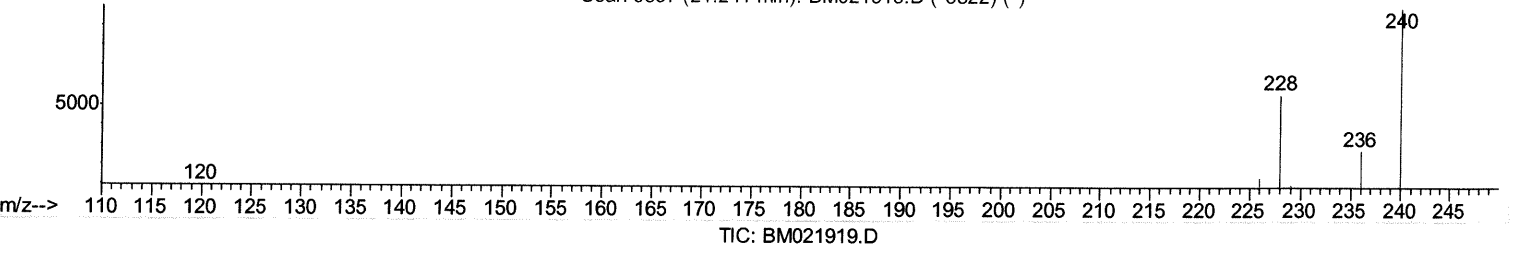
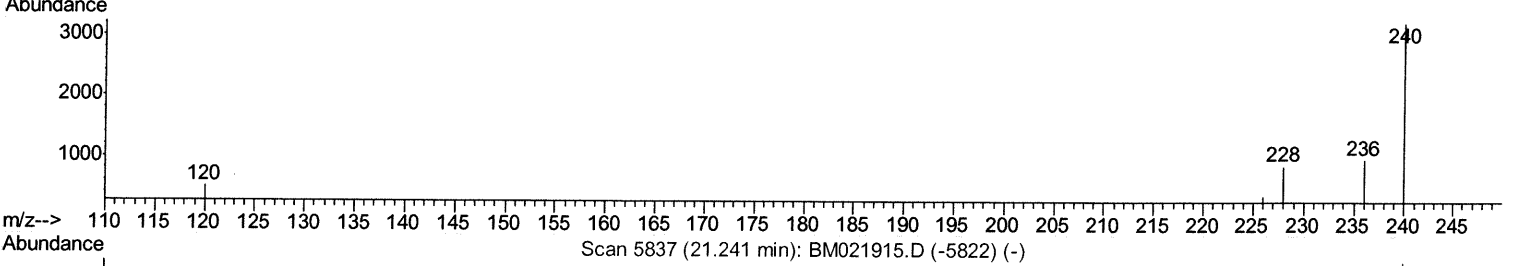
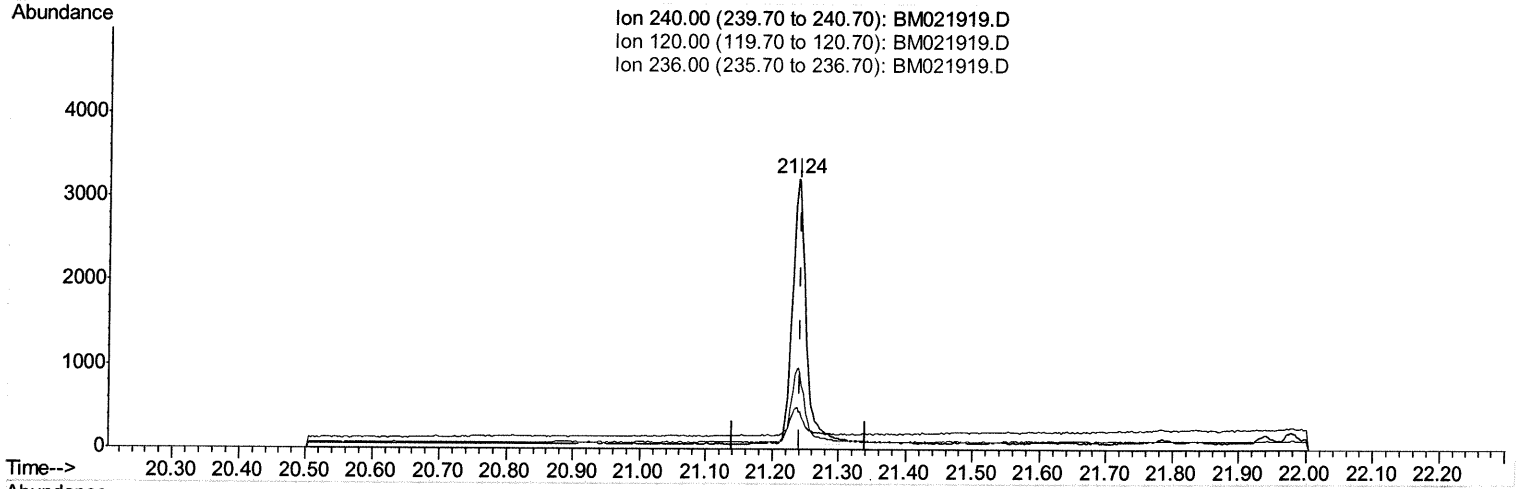
Data File : BM021919.D
Acq On : 08 Aug 2019 05:49
Operator : HP/JU
Sample : K4028-21
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENW4

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:37 AM

Quant Time: Aug 08 07:08:51 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 06:54:24 2019
Response via : Initial Calibration



(16) Chrysene-d12 (I)

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

response 4590

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	15.53
236.00	32.30	30.01
0.00	0.00	0.00

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

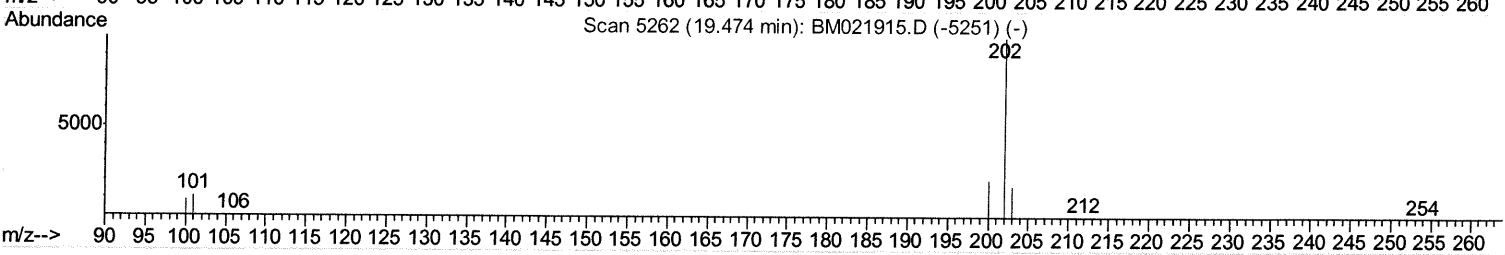
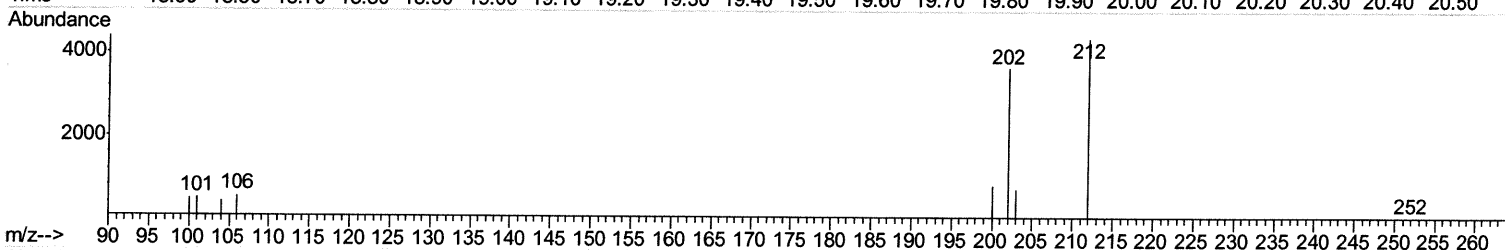
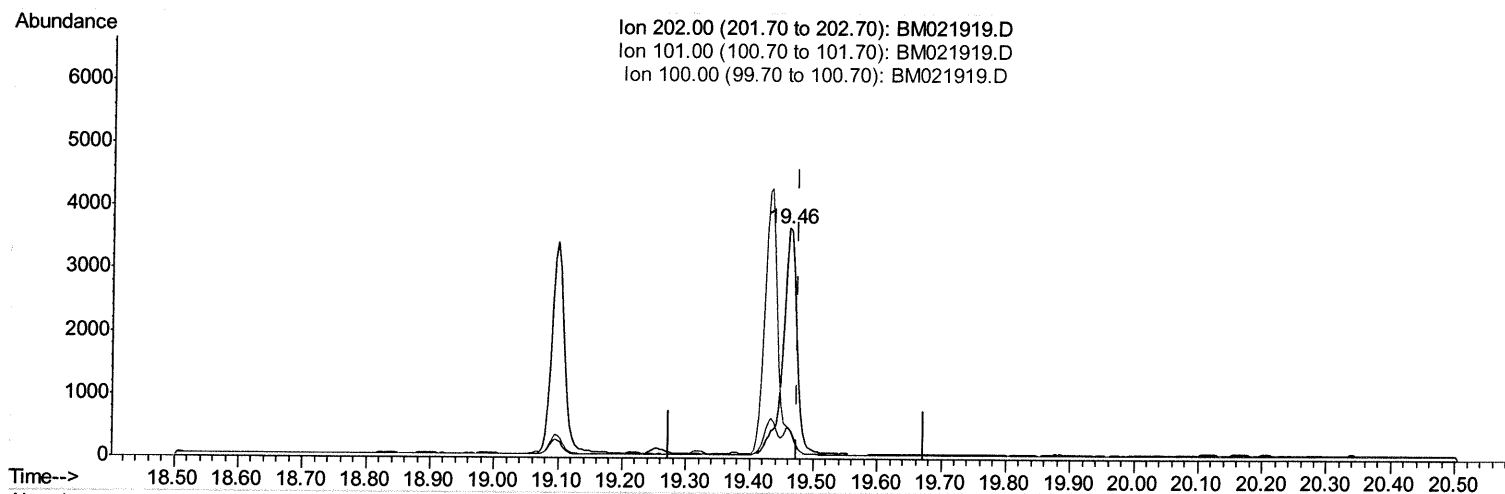
Data File : BM021919.D
Acq On : 08 Aug 2019 05:49
Operator : HP/JU
Sample : K4028-21
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BENW4

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:37 AM

Quant Time: Aug 08 07:09:54 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 06:54:24 2019
Response via : Initial Calibration



TIC: BM021919.D

(17) Pyrene

19.461min (-0.013) 0.29ng/ul

response 5509

Ion	Exp%	Act%
202.00	100	100
101.00	10.40	13.60#
100.00	9.00	13.14#
0.00	0.00	0.00

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

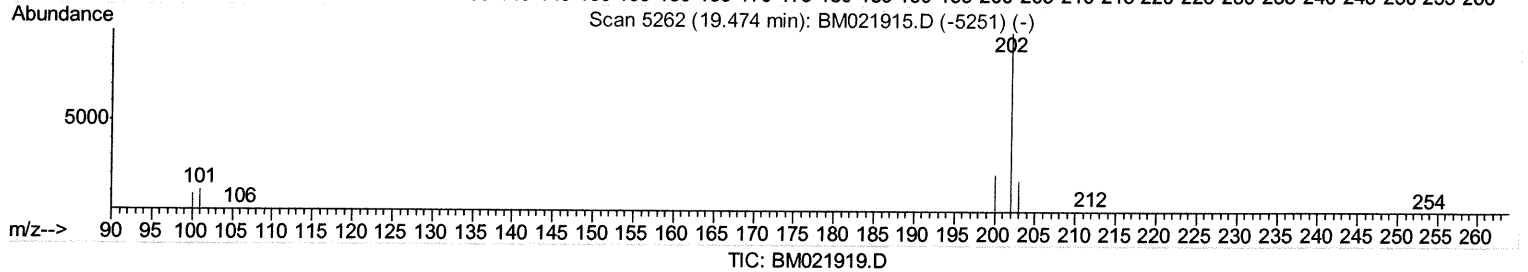
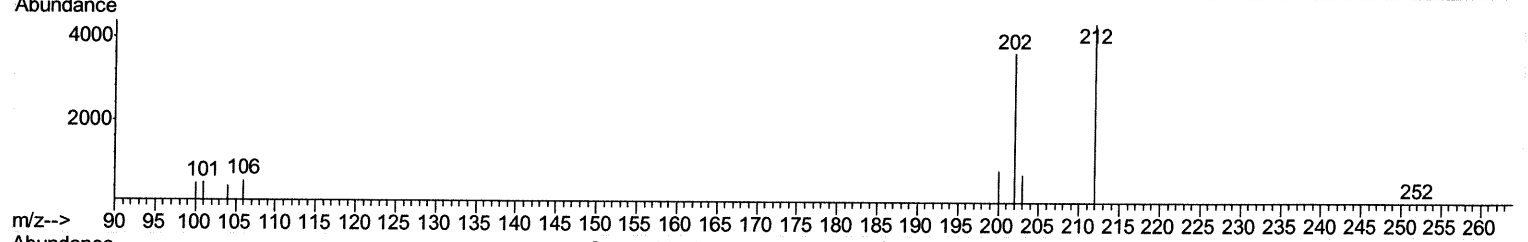
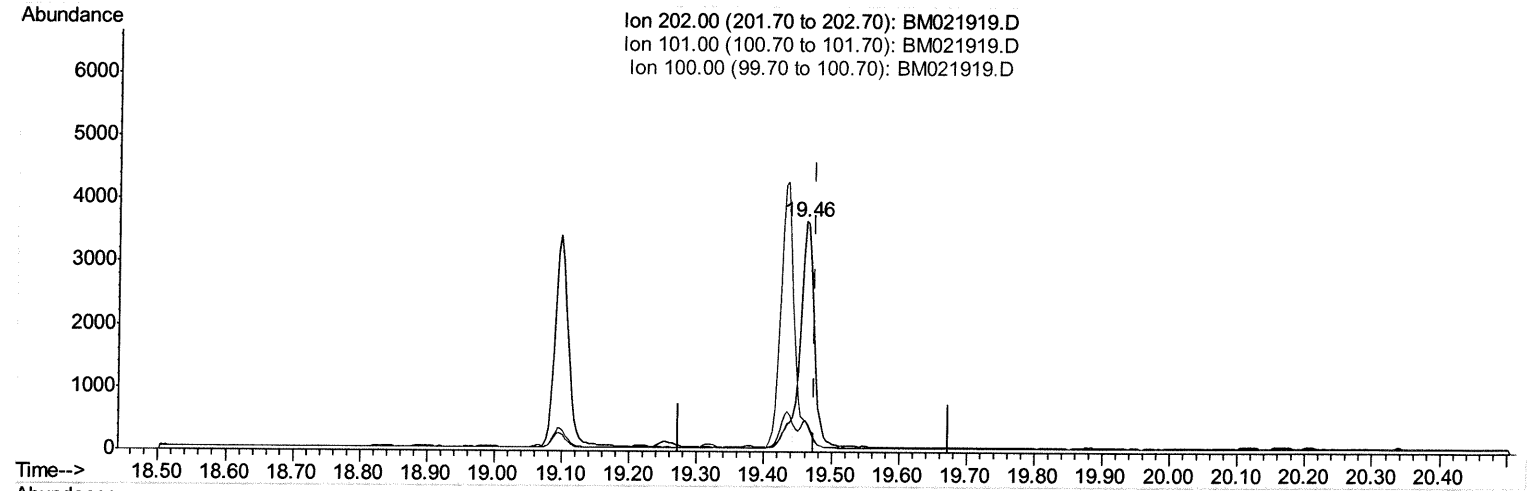
Data File : BM021919.D
Acq On : 08 Aug 2019 05:49
Operator : HP/JU
Sample : K4028-21
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENW4

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:37 AM

Quant Time: Aug 08 07:09:54 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 06:54:24 2019
Response via : Initial Calibration



(17) Pyrene

19.461min (-0.013) 0.27ng/ul m *Ju 08/08/19*

response 5063

Ion	Exp%	Act%
202.00	100	100
101.00	10.40	13.60#
100.00	9.00	13.14#
0.00	0.00	0.00

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

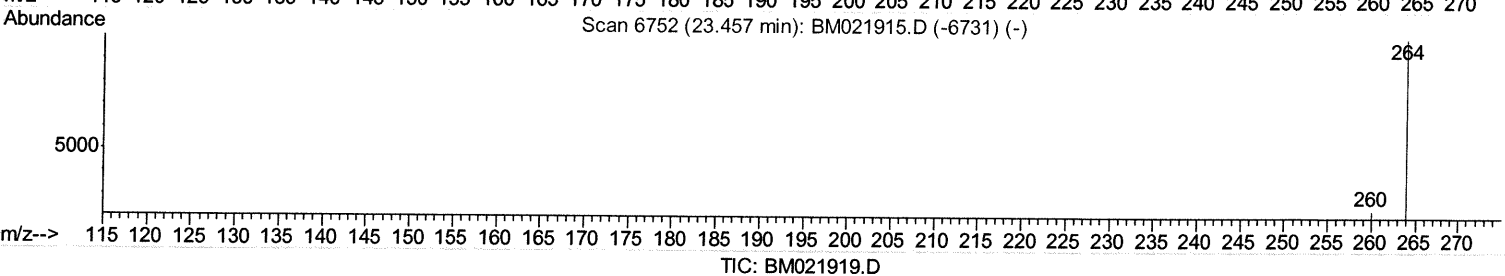
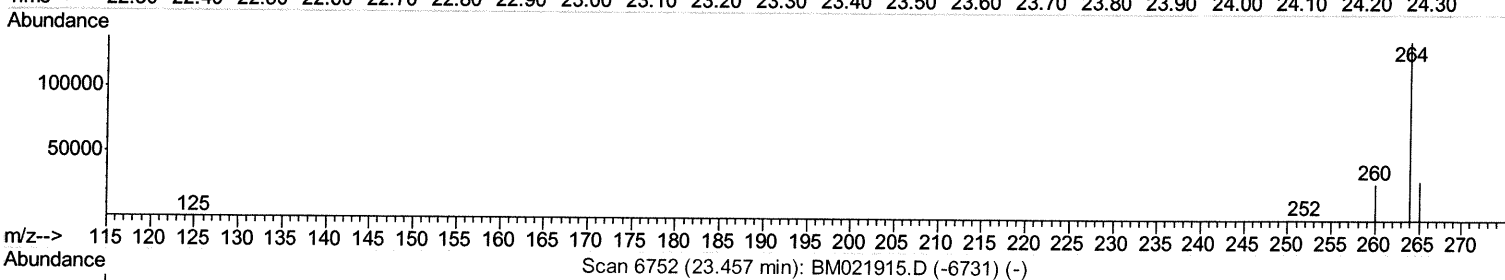
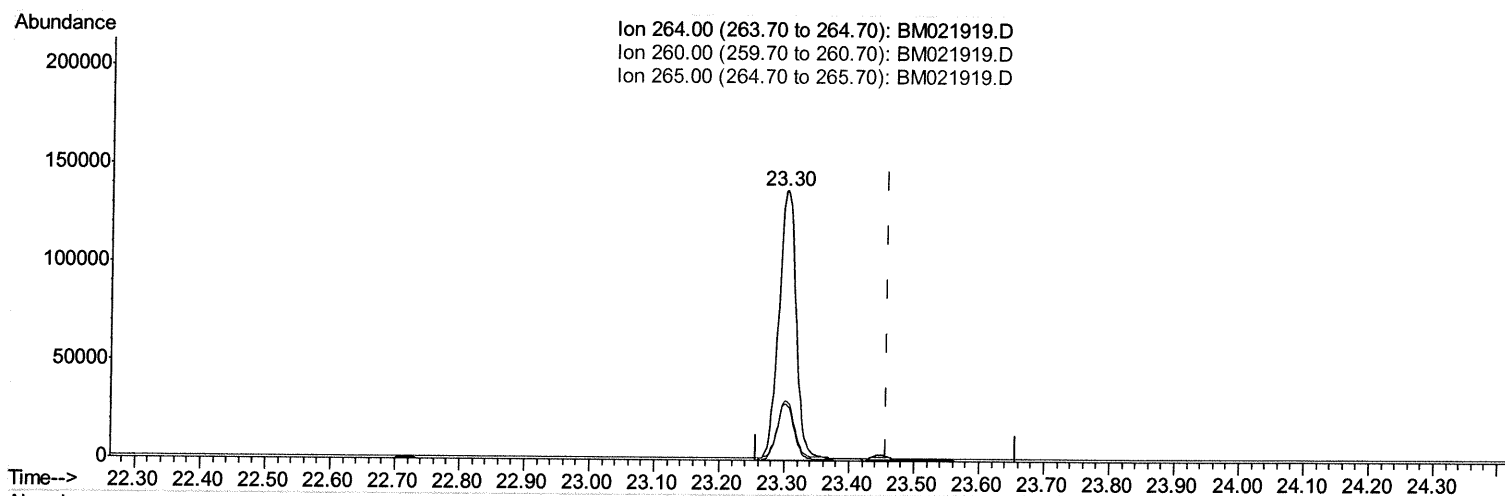
Data File : BM021919.D
Acq On : 08 Aug 2019 05:49
Operator : HP/JU
Sample : K4028-21
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENW4

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:37 AM

Quant Time: Aug 08 07:09:54 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 06:54:24 2019
Response via : Initial Calibration



(20) Perylene-d12 (I)

23.302min (-0.155) 0.40ng/ul

response 255163

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	20.87#
265.00	117.00	22.15#
0.00	0.00	0.00

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

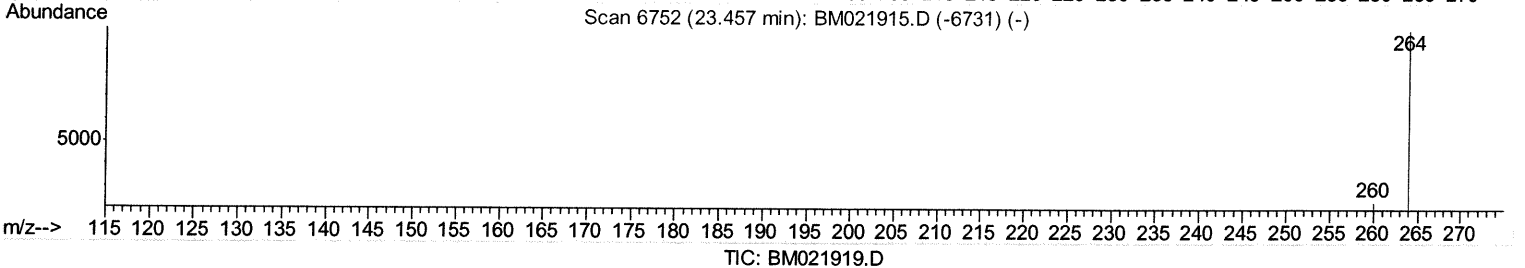
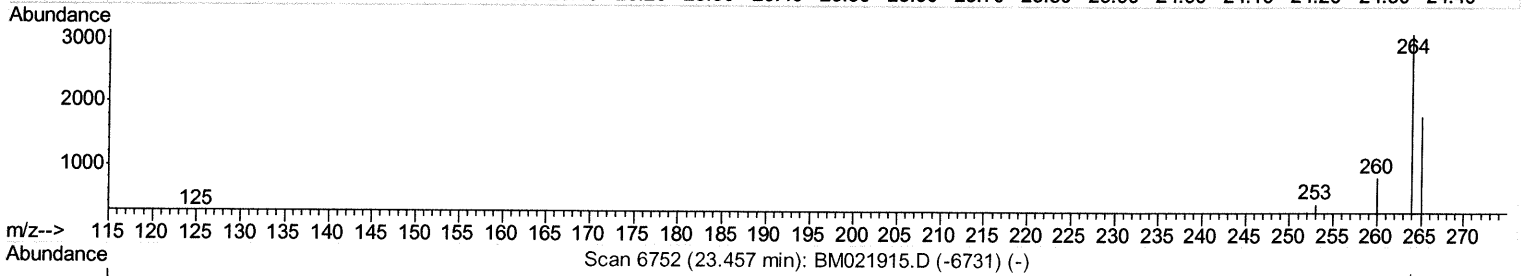
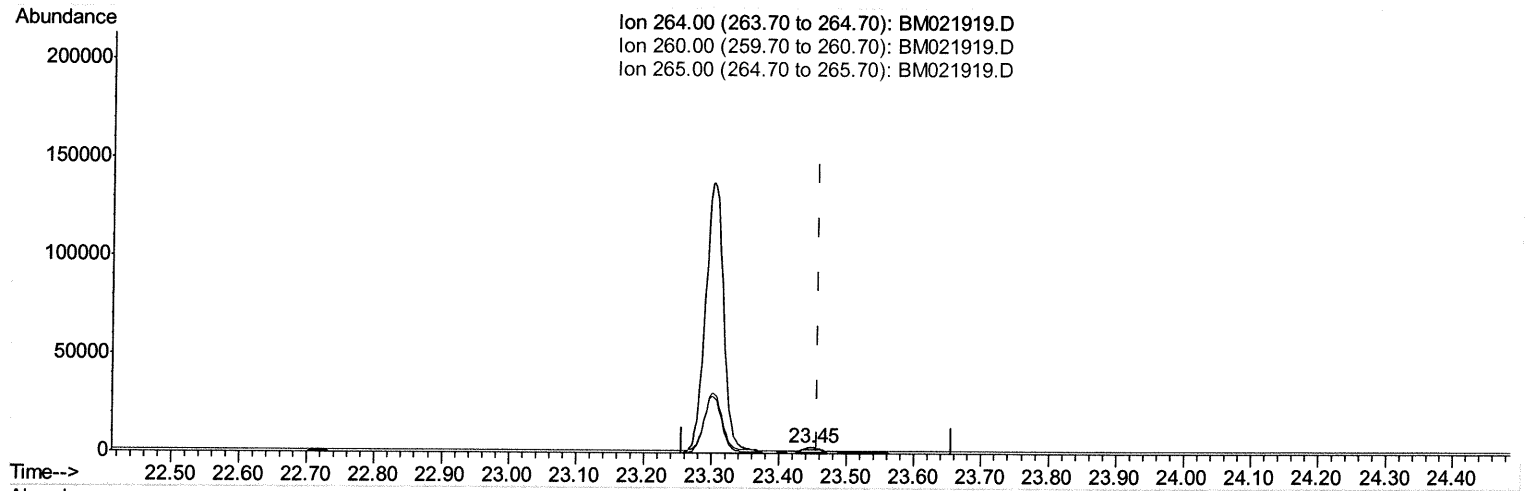
Data File : BM021919.D
Acq On : 08 Aug 2019 05:49
Operator : HP/JU
Sample : K4028-21
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENW4

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:37 AM

Quant Time: Aug 08 07:09:54 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 06:54:24 2019
Response via : Initial Calibration



(20) Perylene-d12 (I)

23.447min (-0.010) 0.40ng/ul m *JU 08/08/19*

response 4619

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	26.48
265.00	117.00	58.29#
0.00	0.00	0.00

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

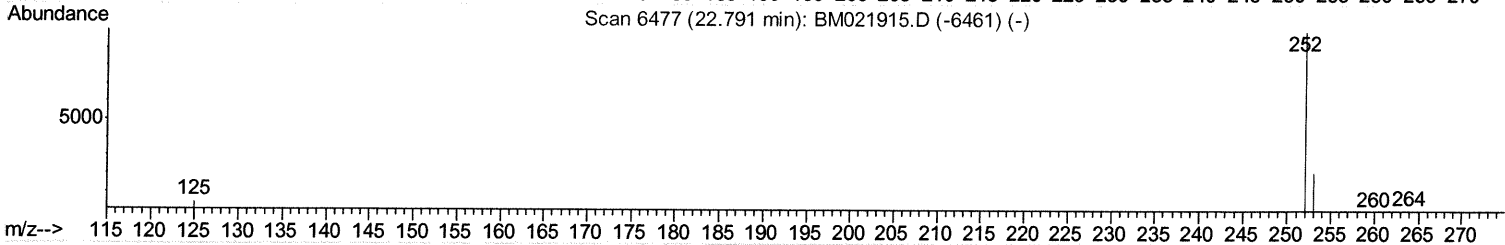
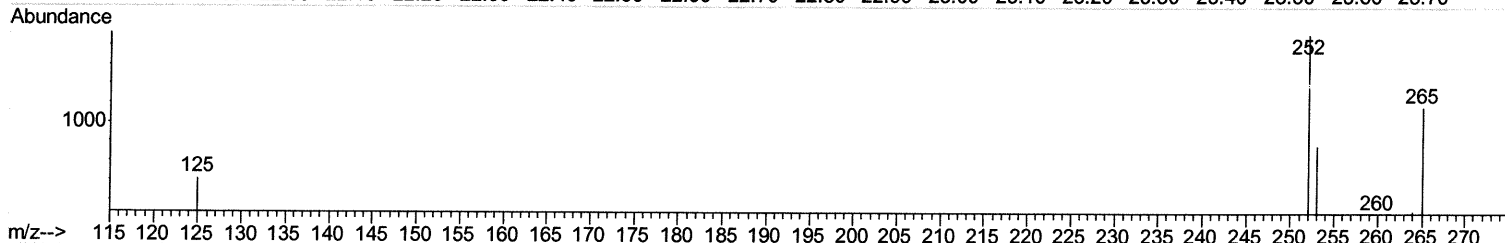
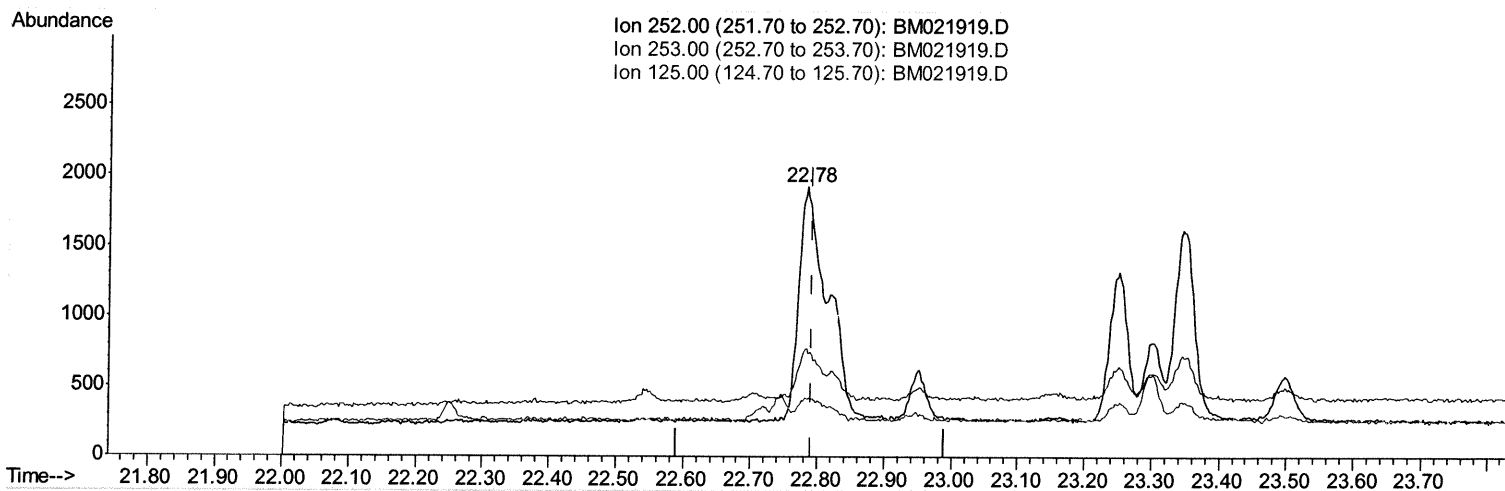
Data File : BM021919.D
Acq On : 08 Aug 2019 05:49
Operator : HP/JU
Sample : K4028-21
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENW4

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:37 AM

Quant Time: Aug 08 07:10:37 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 06:54:24 2019
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.783min (-0.007) 0.29ng/ul

response 4487

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	40.10
125.00	15.50	21.45
0.00	0.00	0.00

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

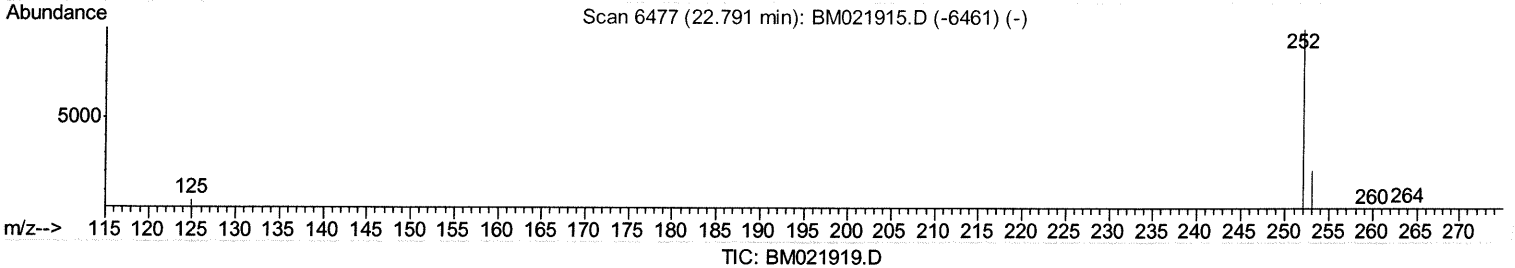
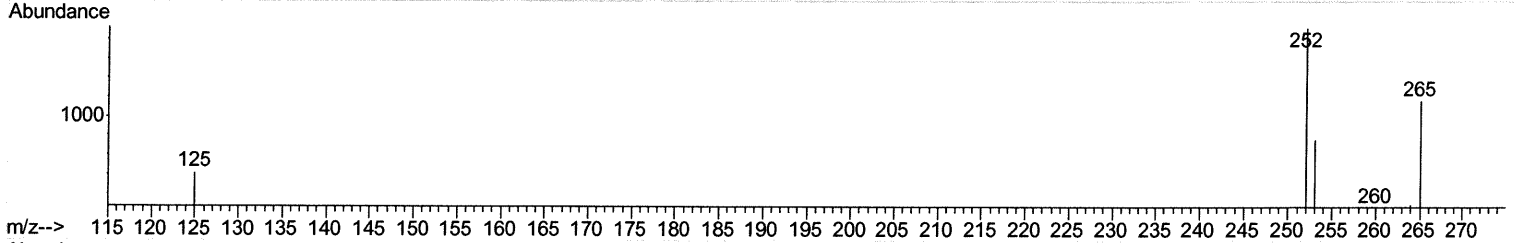
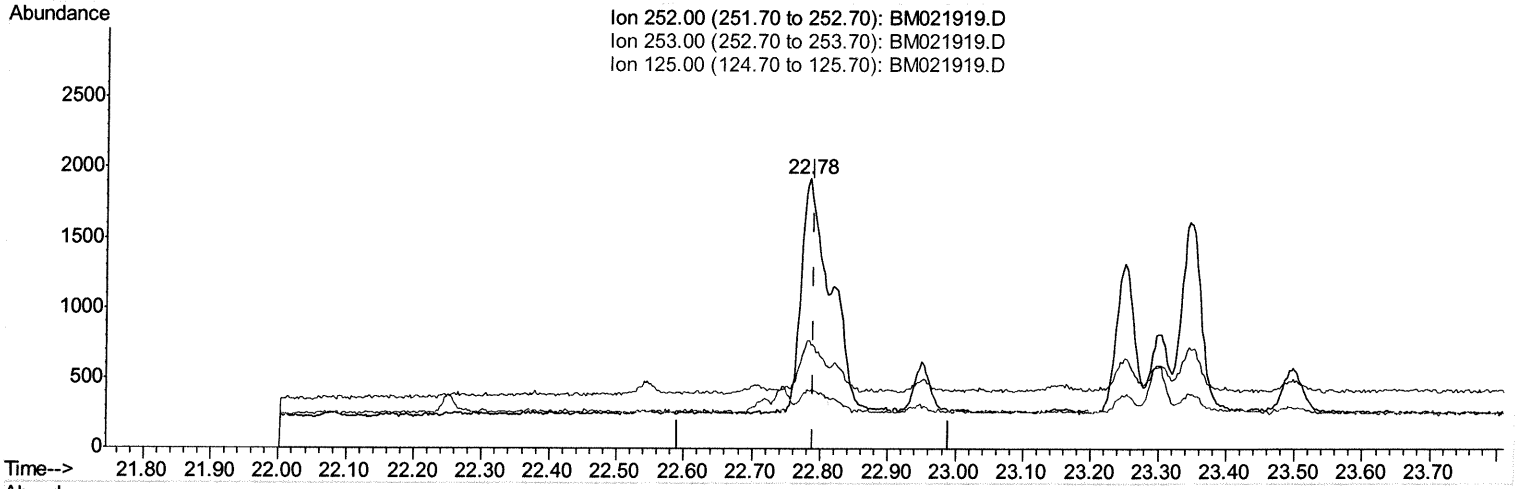
Data File : BM021919.D
Acq On : 08 Aug 2019 05:49
Operator : HP/JU
Sample : K4028-21
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENW4

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:37 AM

Quant Time: Aug 08 07:10:37 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 06:54:24 2019
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.783min (-0.007) 0.22ng/ul m *JU 08/08/19*

response 3503

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	40.10
125.00	15.50	21.45
0.00	0.00	0.00

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

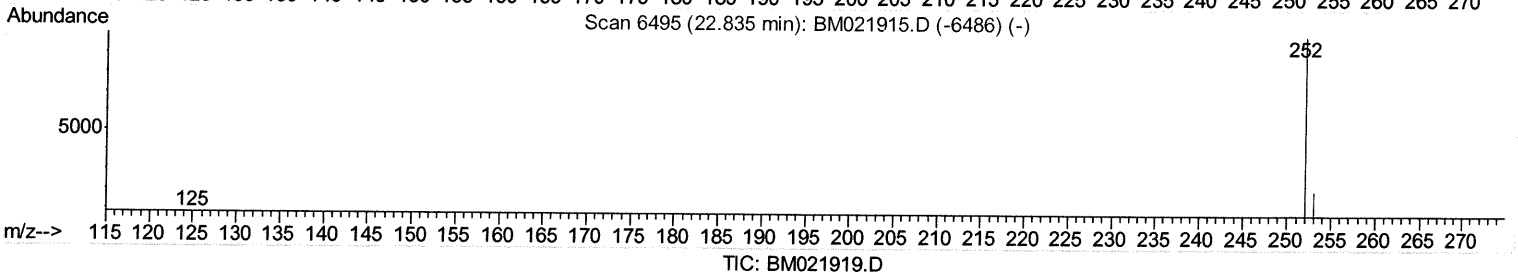
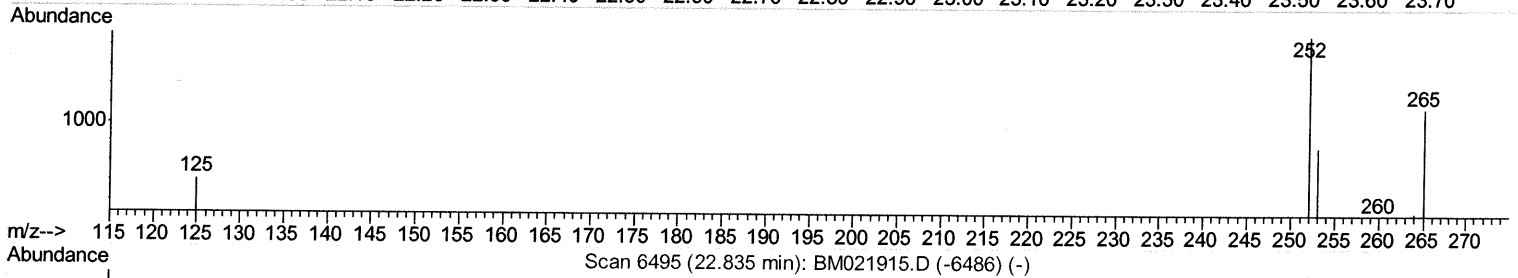
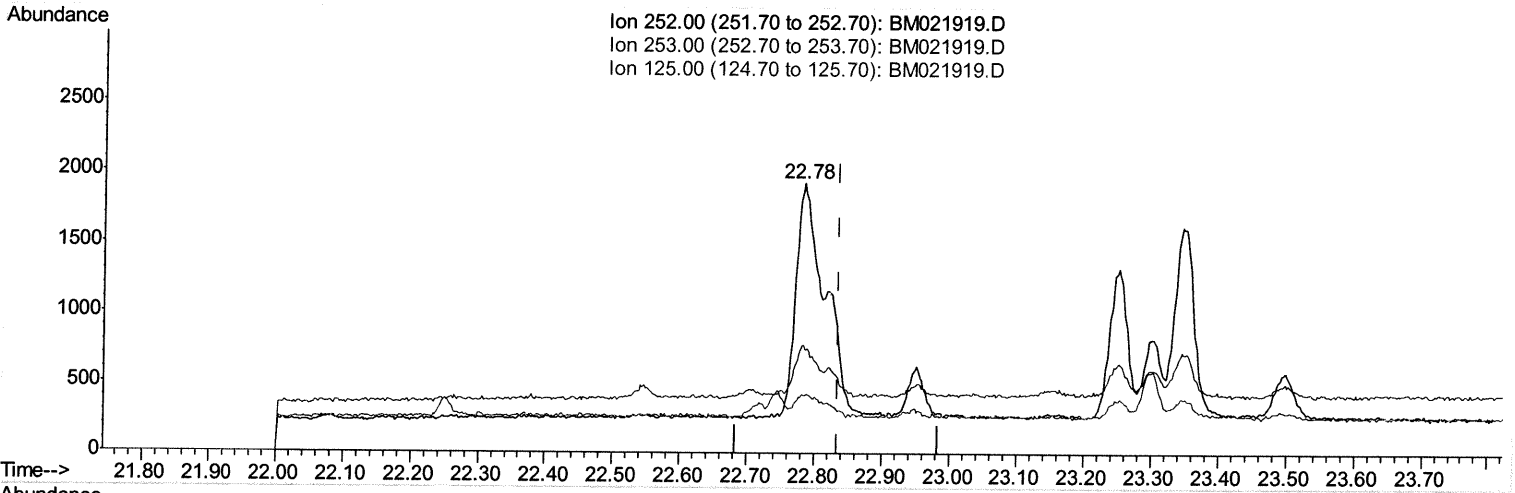
Data File : BM021919.D
Acq On : 08 Aug 2019 05:49
Operator : HP/JU
Sample : K4028-21
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
Client Sampled :
BENW4

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:37 AM

Quant Time: Aug 08 07:10:37 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 06:54:24 2019
Response via : Initial Calibration



(22) Benzo(k)fluoranthene
22.783min (-0.051) 0.23ng/ul
response 4133

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	40.10
125.00	15.20	21.45#
0.00	0.00	0.00

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

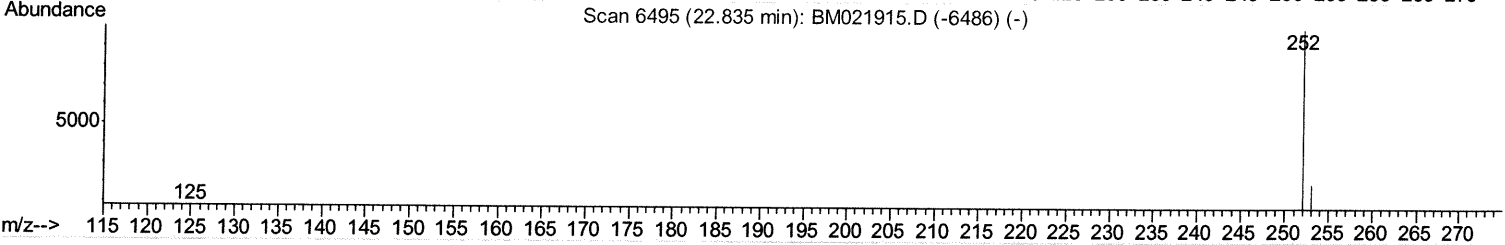
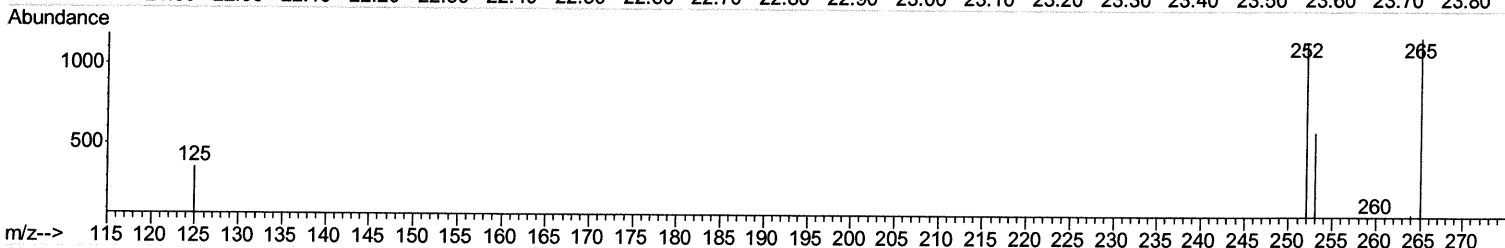
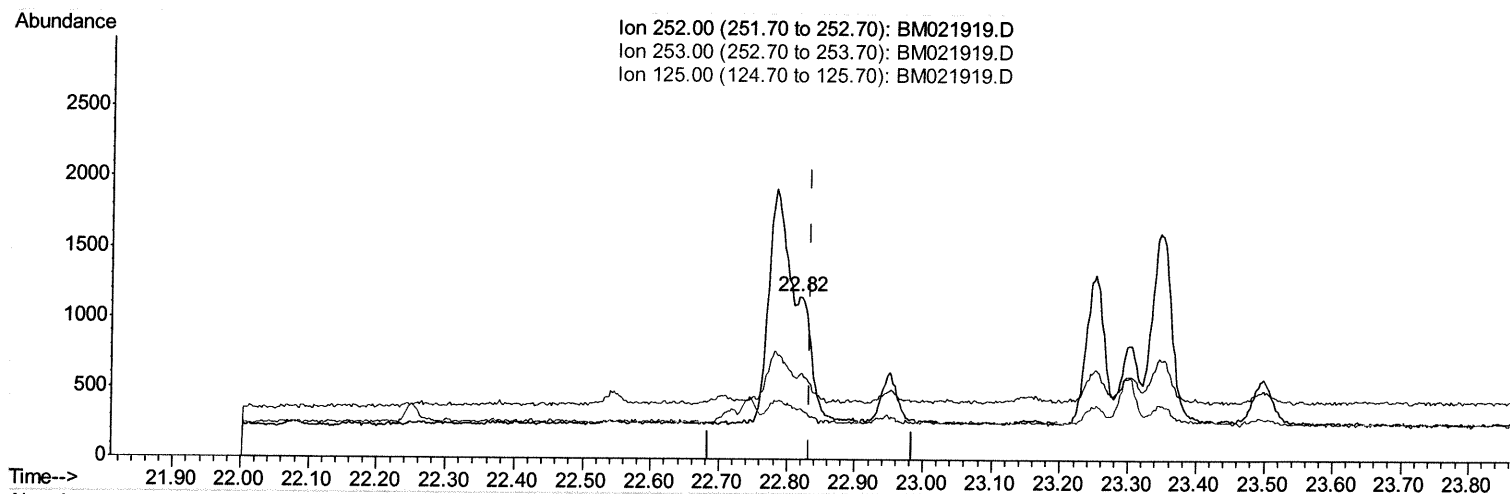
Data File : BM021919.D
 Acq On : 08 Aug 2019 05:49
 Operator : HP/JU
 Sample : K4028-21
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 BENW4

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:11:37 AM

Quant Time: Aug 08 07:10:37 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 06:54:24 2019
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene
 22.817min (-0.017) 0.08ng/ul m *Ju 08/08/19*

response 1441

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	51.17#
125.00	15.20	30.68#
0.00	0.00	0.00

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

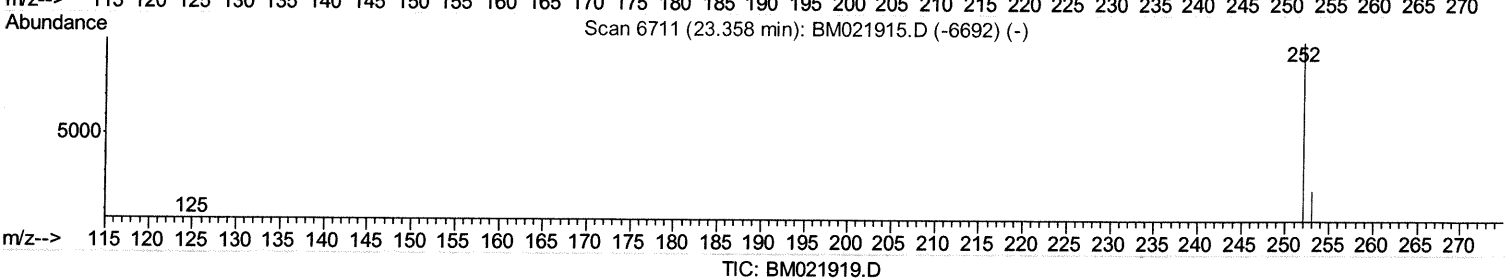
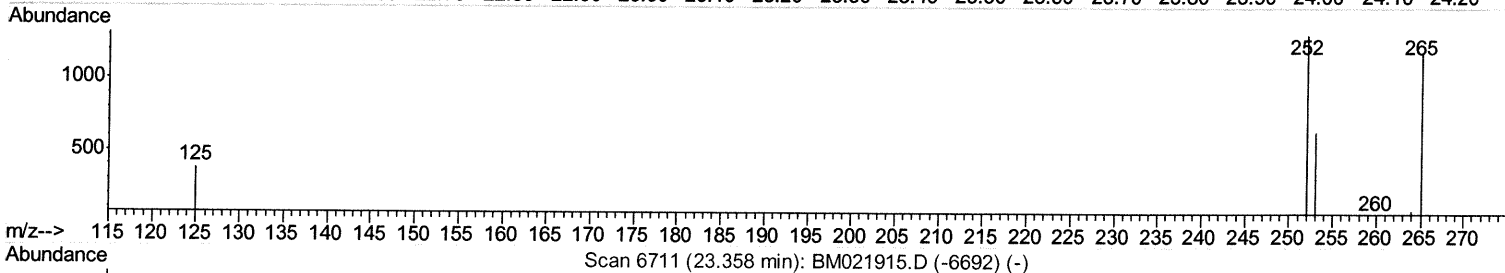
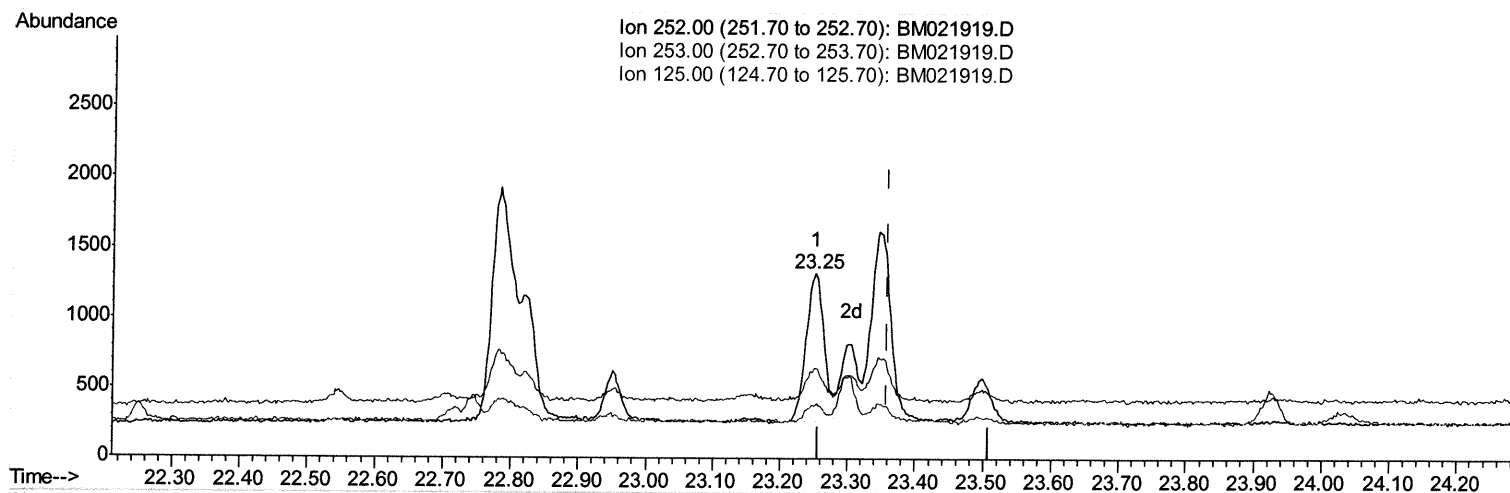
Data File : BM021919.D
Acq On : 08 Aug 2019 05:49
Operator : HP/JU
Sample : K4028-21
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BENW4

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:37 AM

Quant Time: Aug 08 07:10:37 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 06:54:24 2019
Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.251min (-0.107) 0.12ng/ul

response 1973

Ion	Exp%	Act%
252.00	100	100
253.00	39.60	48.98#
125.00	18.20	28.58#
0.00	0.00	0.00

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

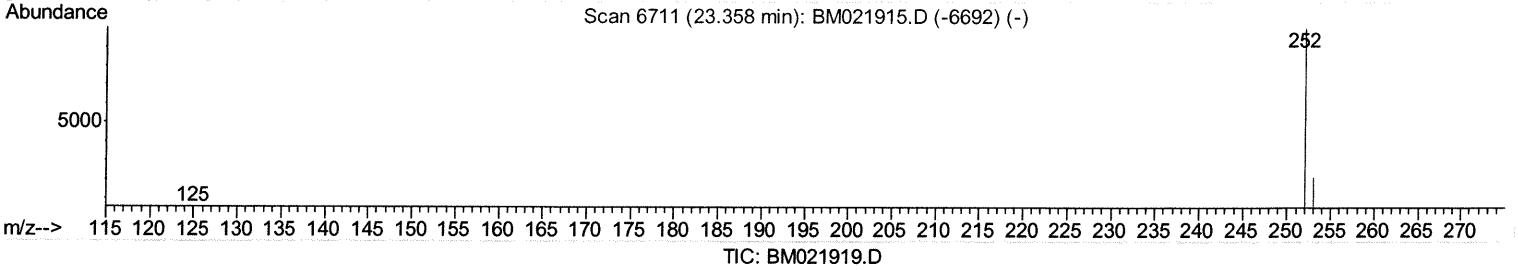
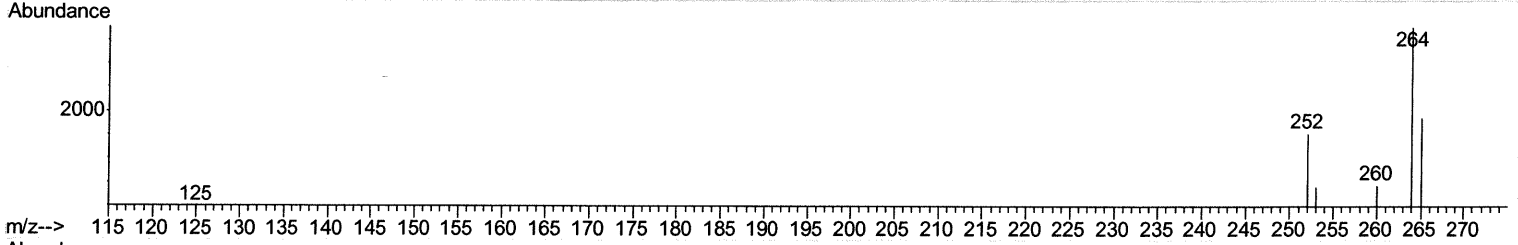
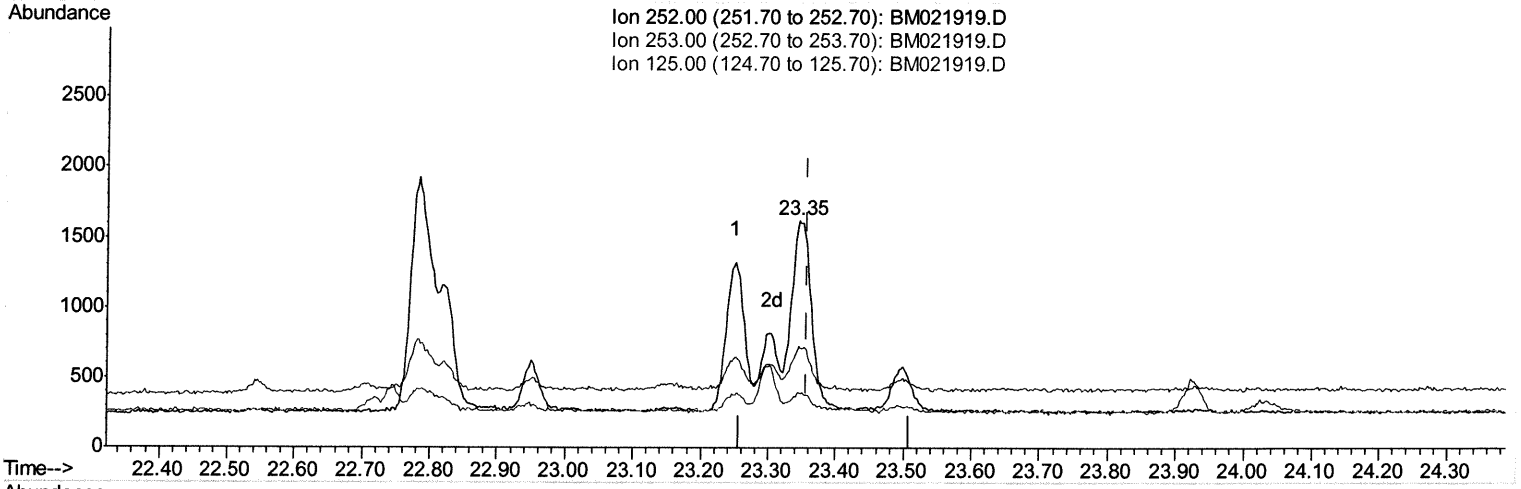
Data File : BM021919.D
Acq On : 08 Aug 2019 05:49
Operator : HP/JU
Sample : K4028-21
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BENW4

Manual Integrations
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mohammad
8/9/2019 6:11:37 AM

Quant Time: Aug 08 07:10:37 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 06:54:24 2019
Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.346min (-0.012) 0.17ng/ul m *JU 08/08/19*

response 2676

Ion	Exp%	Act%
252.00	100	100
253.00	39.60	44.88
125.00	18.20	24.48#
0.00	0.00	0.00

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

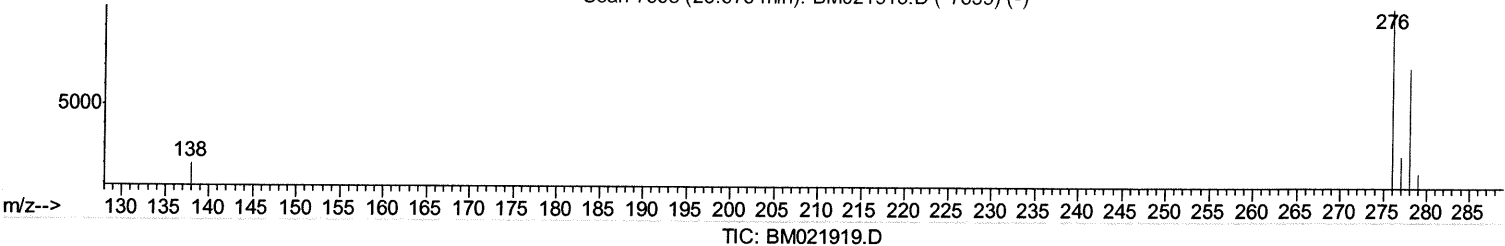
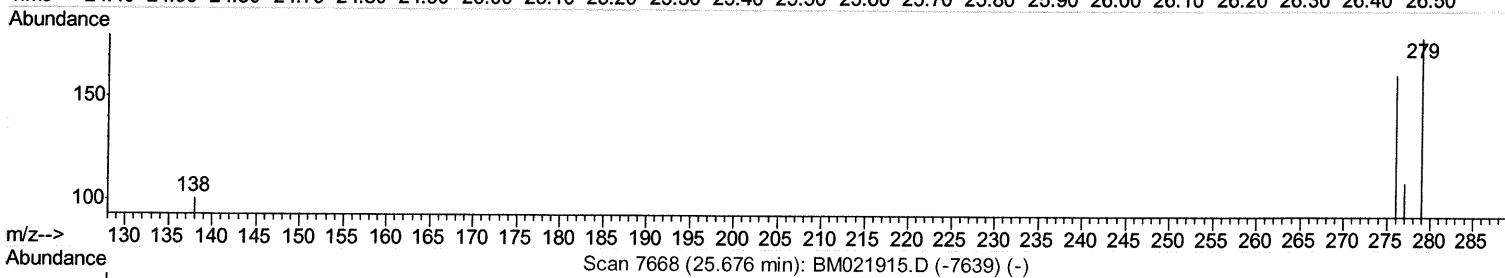
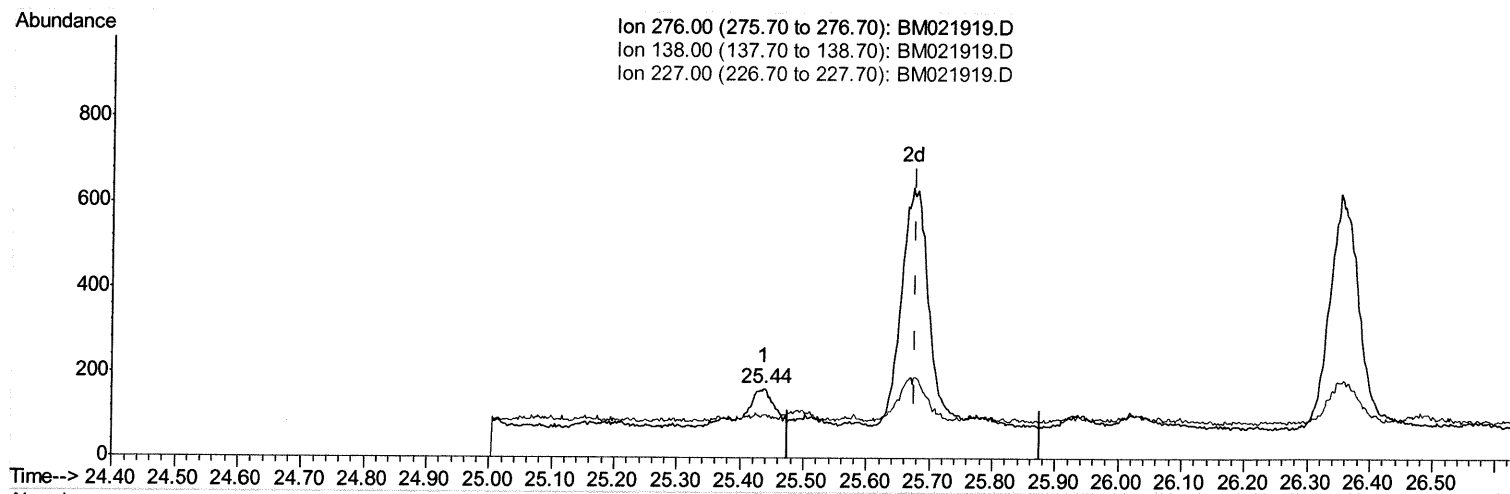
Data File : BM021919.D
Acq On : 08 Aug 2019 05:49
Operator : HP/JU
Sample : K4028-21
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BENW4

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:37 AM

Quant Time: Aug 08 07:10:37 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 06:54:24 2019
Response via : Initial Calibration



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

25.436min (-0.240) 0.01ng/ul

response 184

Ion	Exp%	Act%
276.00	100	100
138.00	18.90	9.78#
227.00	0.00	0.00
0.00	0.00	0.00

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

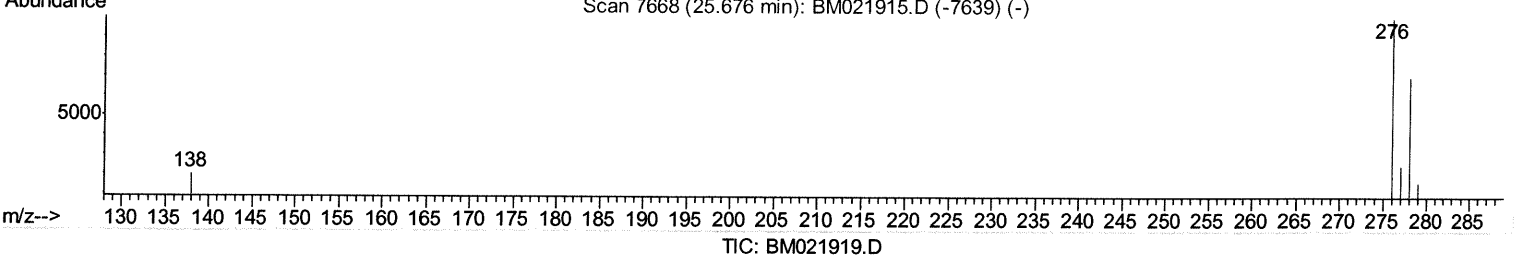
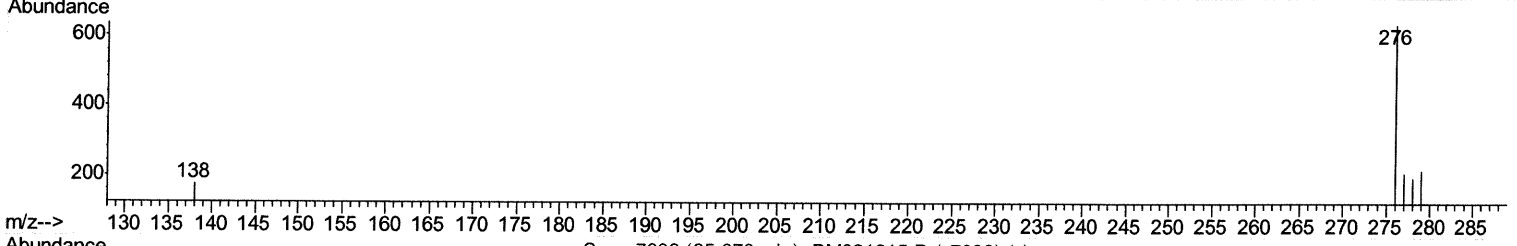
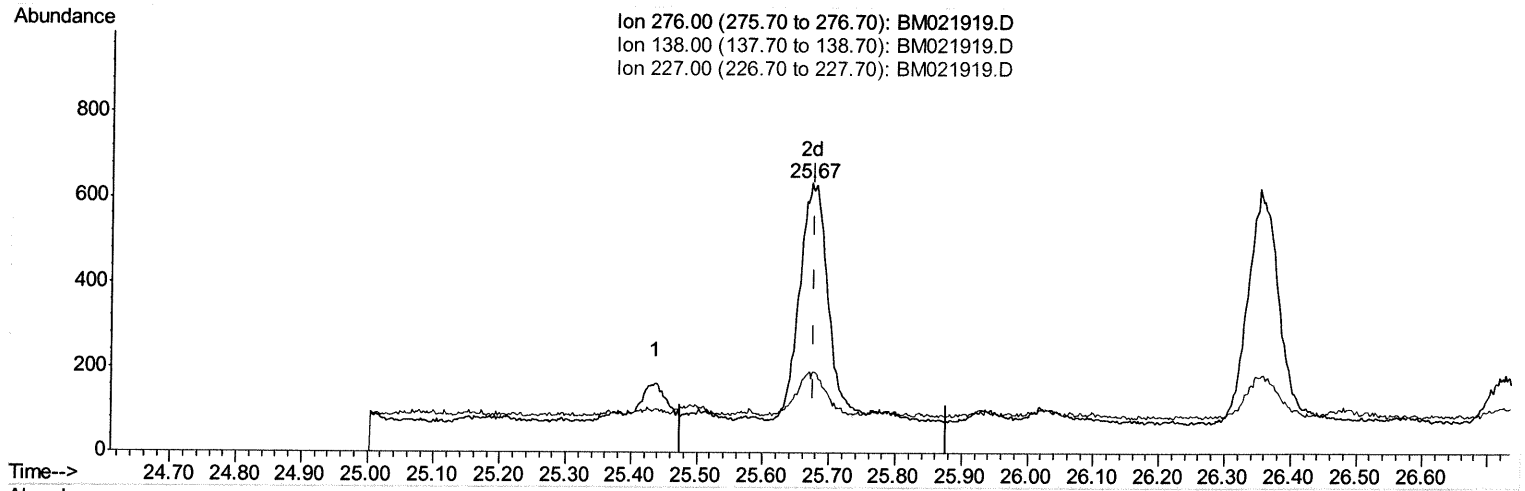
Data File : BM021919.D
Acq On : 08 Aug 2019 05:49
Operator : HP/JU
Sample : K4028-21
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENW4

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:37 AM

Quant Time: Aug 08 07:10:37 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 06:54:24 2019
Response via : Initial Calibration



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

25.671min (-0.005) 0.09ng/ul m *JU 08/08/19*

response 1694

Ion	Exp%	Act%
276.00	100	100
138.00	18.90	1.06#
227.00	0.00	0.00
0.00	0.00	0.00

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

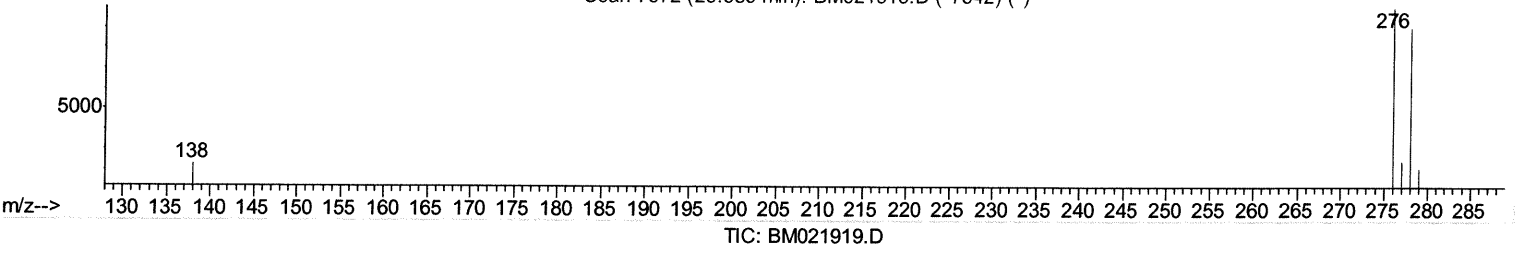
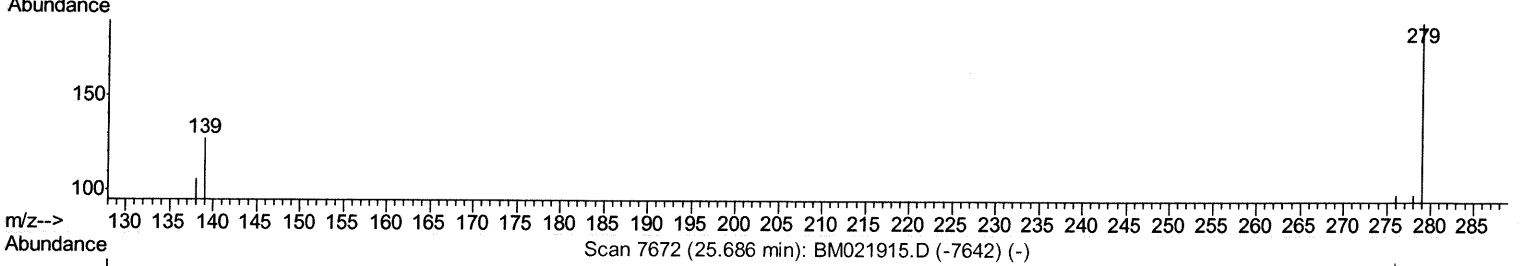
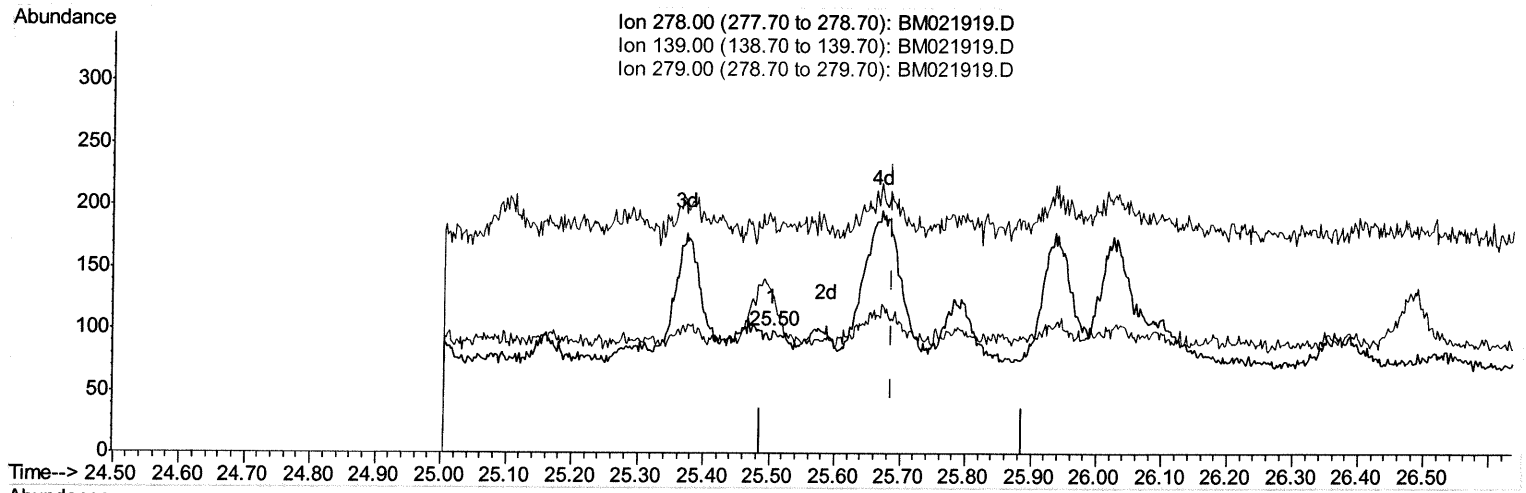
Data File : BM021919.D
Acq On : 08 Aug 2019 05:49
Operator : HP/JU
Sample : K4028-21
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BENW4

Manual Integrations
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8/9/2019 6:11:37 AM

Quant Time: Aug 08 07:10:37 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 06:54:24 2019
Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.504min (-0.182) 0.00ng/ul

response 22

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	128.28#
279.00	35.40	190.91#
0.00	0.00	0.00

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

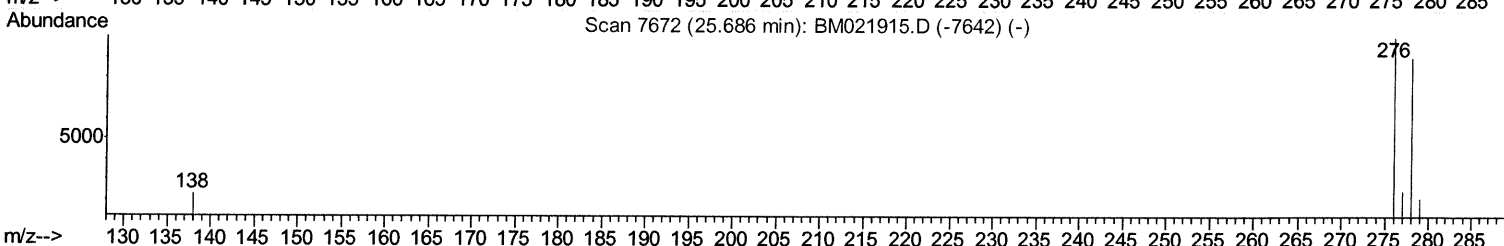
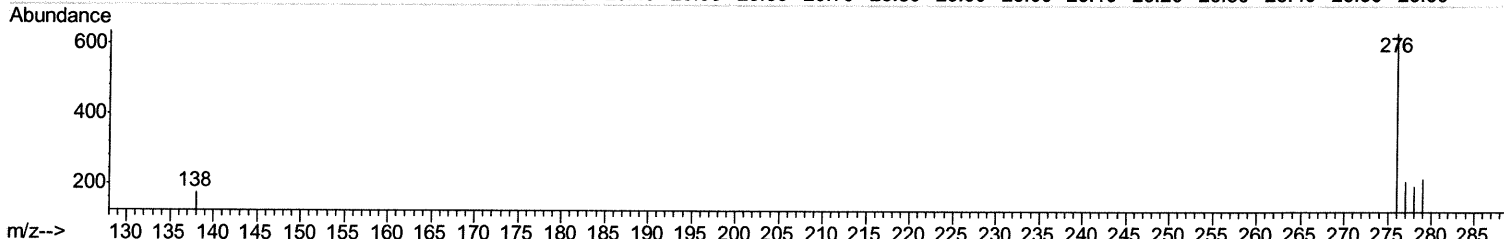
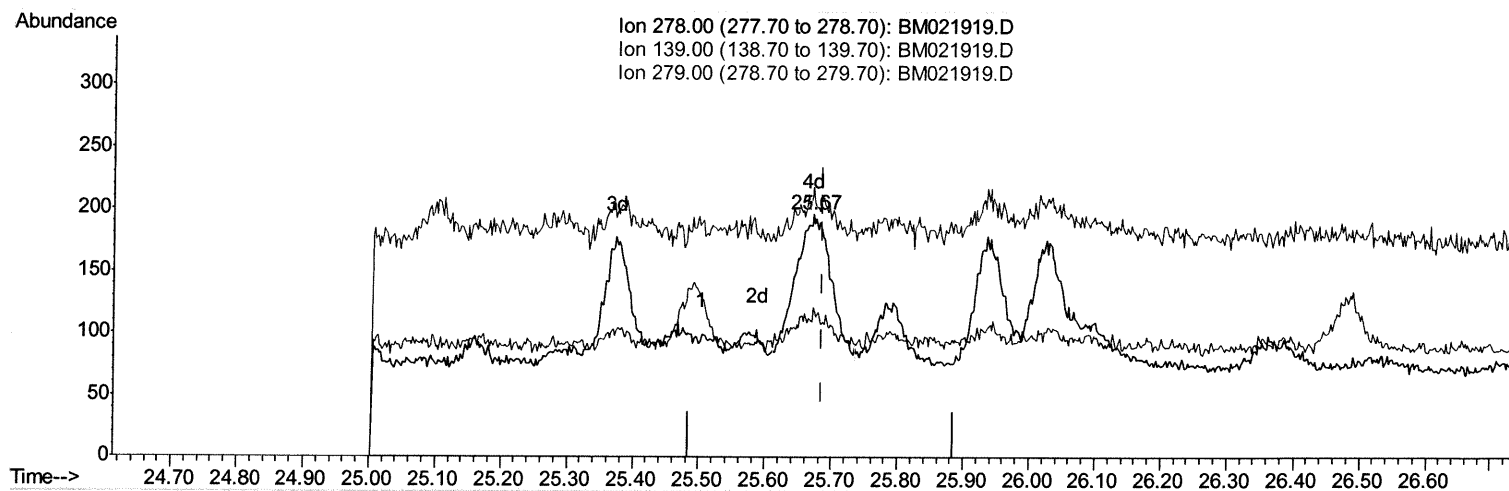
Data File : BM021919.D
Acq On : 08 Aug 2019 05:49
Operator : HP/JU
Sample : K4028-21
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BENW4

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:37 AM

Quant Time: Aug 08 07:10:37 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 06:54:24 2019
Response via : Initial Calibration



TIC: BM021919.D

(25) Dibenzo(a,h)anthracene

25.671min (-0.015) 0.03ng/ul m

JU
08/08/19

response 446

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	61.73#
279.00	35.40	111.22#
0.00	0.00	0.00

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

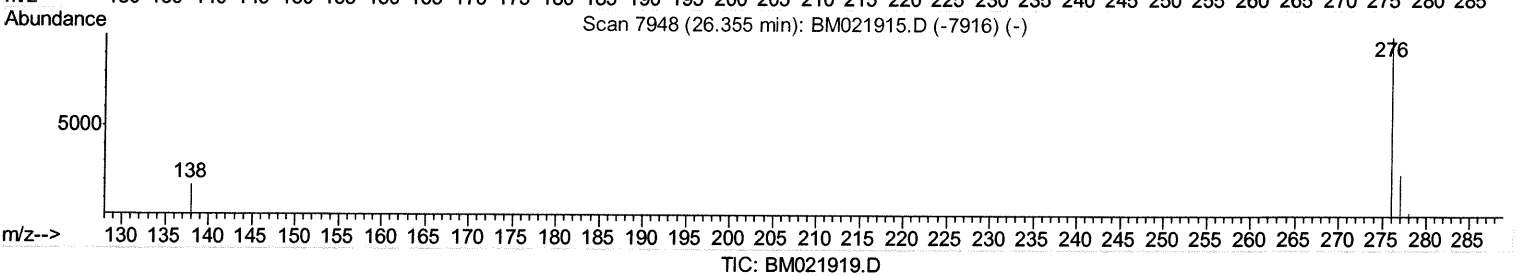
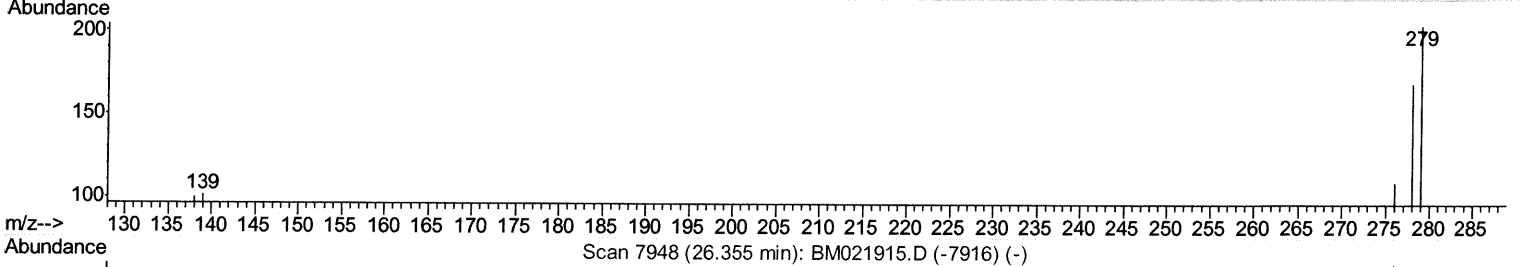
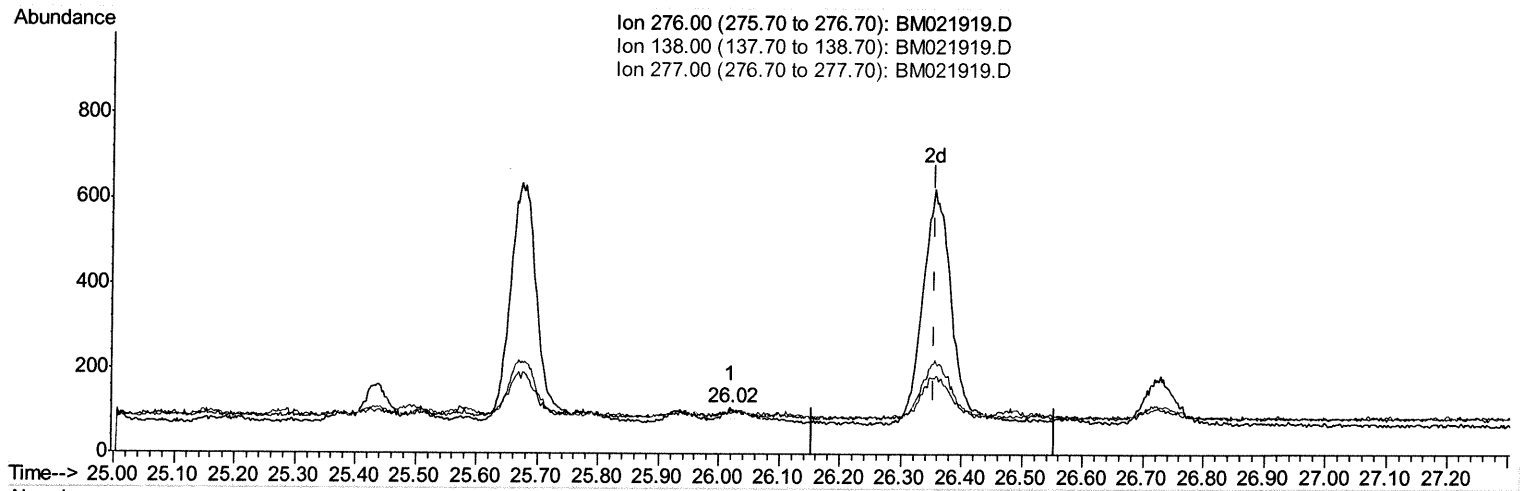
Data File : BM021919.D
Acq On : 08 Aug 2019 05:49
Operator : HP/JU
Sample : K4028-21
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENW4

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:37 AM

Quant Time: Aug 08 07:10:37 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 06:54:24 2019
Response via : Initial Calibration



(26) Benzo(g,h,i)perylene
26.018min (-0.337) 0.00ng/ul
response 60

Ion	Exp%	Act%
276.00	100	100
138.00	19.40	91.74#
277.00	26.80	88.07#
0.00	0.00	0.00

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

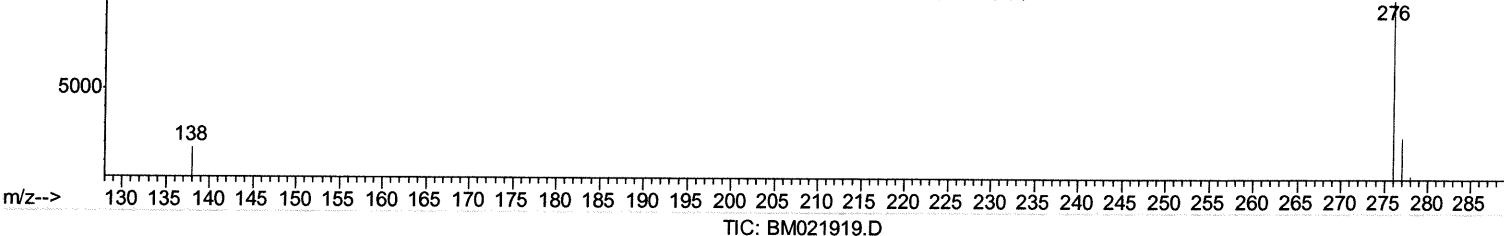
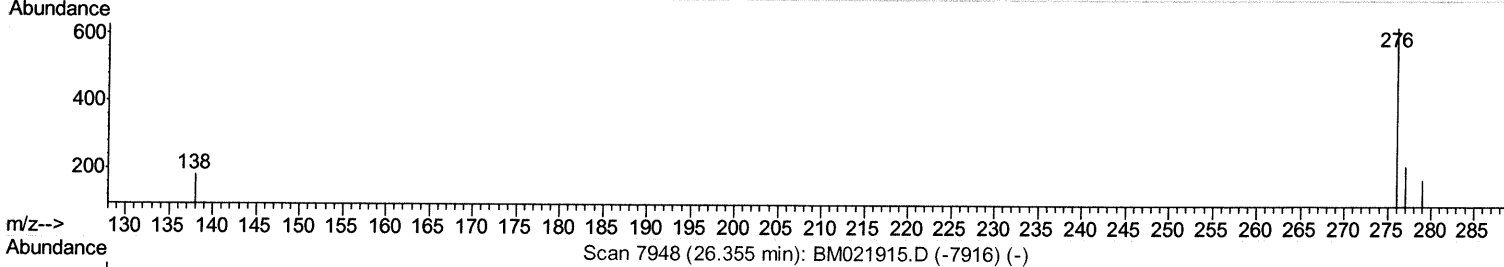
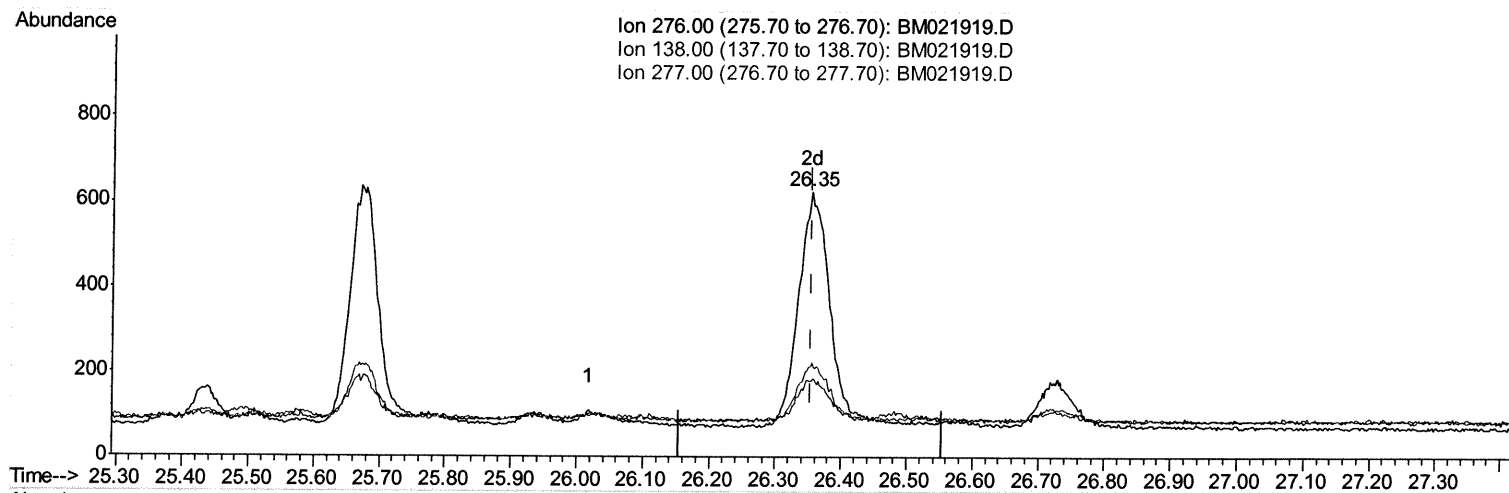
Data File : BM021919.D
Acq On : 08 Aug 2019 05:49
Operator : HP/JU
Sample : K4028-21
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENW4

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:37 AM

Quant Time: Aug 08 07:10:37 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 06:54:24 2019
Response via : Initial Calibration



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

26.352min (-0.003) 0.10ng/ul m *JU 08/08/19*

response 1775

Ion	Exp%	Act%
276.00	100	100
138.00	19.40	28.80#
277.00	26.80	34.24#
0.00	0.00	0.00

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

Data File : BM021919.D
 Acq On : 08 Aug 2019 05:49
 Operator : HP/JU
 Sample : K4028-21
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 Client Sampled :
 BENW4

Manual Integrations
 APPROVED
 mohammad
 8/9/2019 6:11:37 AM

Quant Time: Aug 08 07:12:28 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 06:54:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	917	0.40	ng/ul	0.00
2) Naphthalene-d8	10.40	136	4054	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	2205	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	5039m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.24	240	4590m	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	4619m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev (Min)
4) 2-Methylnaphthalene-d10	12.02	152	993	0.15	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	2685m	0.16	ng/ul	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
7) Acenaphthylene	14.00	152	341	0.033	ng/ul#	66
12) Phenanthrene	17.07	178	1809	0.123	ng/ul	95
13) Anthracene	17.17	178	581m	0.046	ng/ul	
15) Fluoranthene	19.10	202	4592m	0.234	ng/ul	
17) Pyrene	19.46	202	5063m	0.268	ng/ul	
18) Benzo(a)anthracene	21.22	228	2962	0.180	ng/ul	93
19) Chrysene	21.27	228	2801	0.133	ng/ul	93
21) Benzo(b)fluoranthene	22.78	252	3503m	0.225	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	1441m	0.082	ng/ul	
23) Benzo(a)pyrene	23.35	252	2676m	0.169	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.67	276	1694m	0.090	ng/ul	
25) Dibenzo(a,h)anthracene	25.67	278	446m	0.029	ng/ul	
26) Benzo(g,h,i)perylene	26.35	276	1775m	0.104	ng/ul	

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