

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

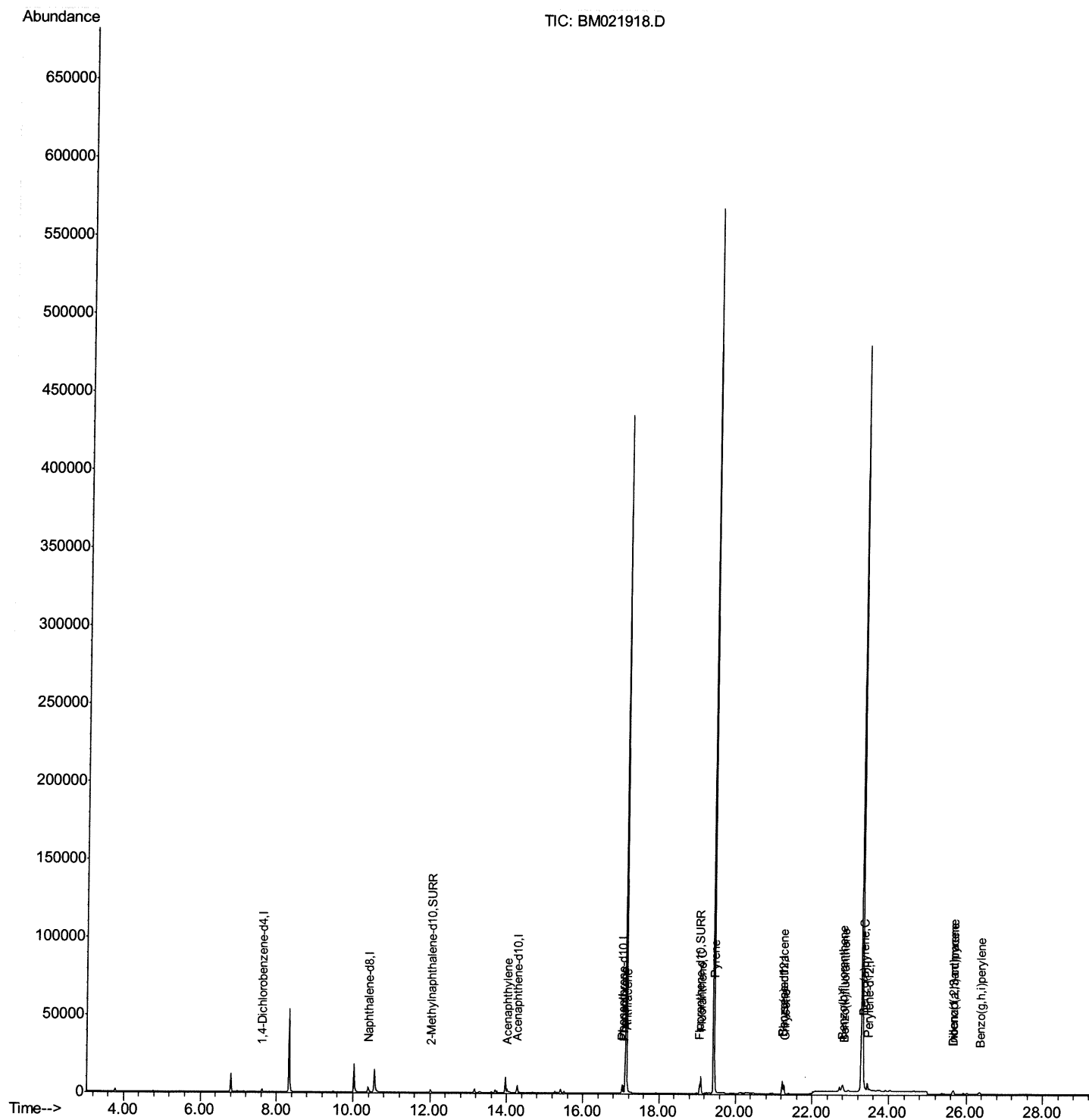
Data File : BM021918.D
Acq On : 08 Aug 2019 05:13
Operator : HP/JU
Sample : K4029-13
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY3

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:33 AM

Quant Time: Aug 08 07:07:41 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)

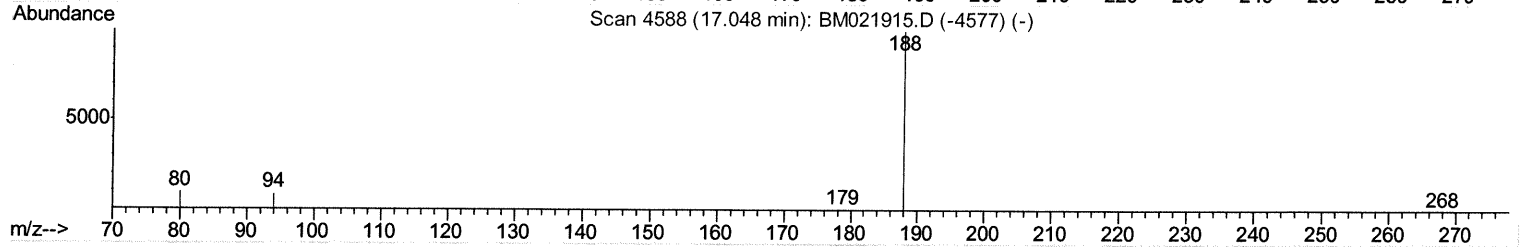
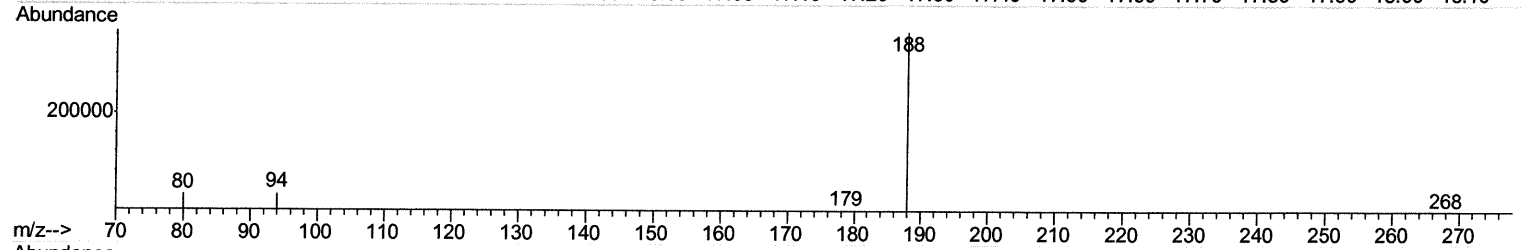
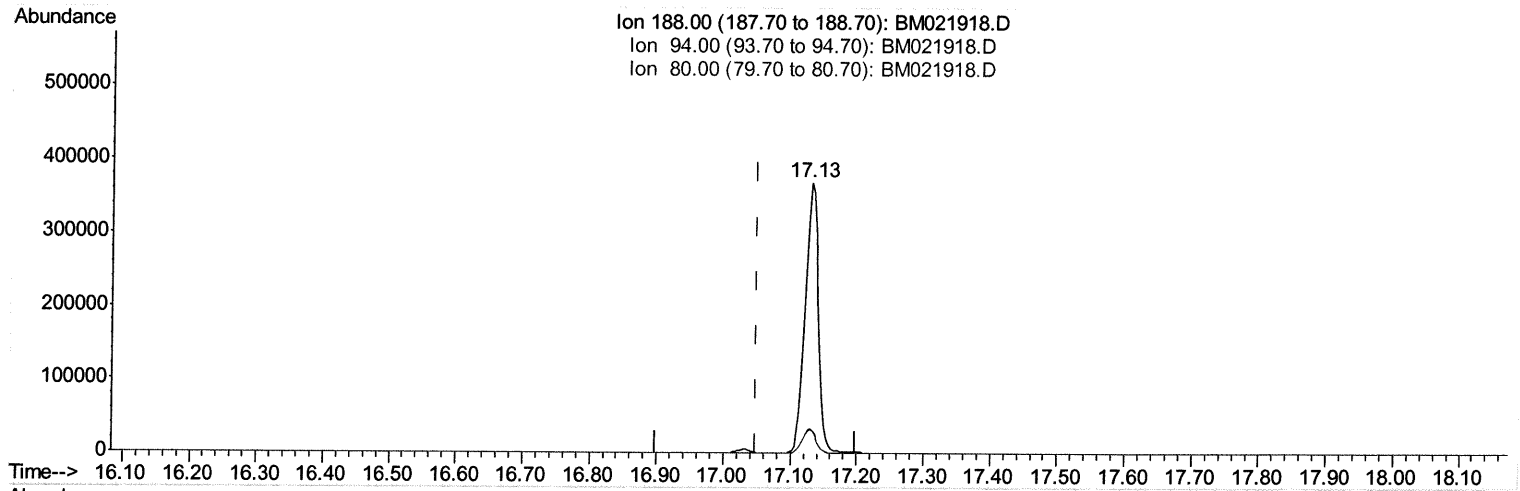
Data File : BM021918.D
Acq On : 08 Aug 2019 05:13
Operator : HP/JU
Sample : K4029-13
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY3

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:33 AM

Quant Time: Aug 08 06:57:06 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: BM021918.D

(10) Phenanthrene-d10 (I)

17.129min (+0.082) 0.40ng/ul

response 509098

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	9.27
80.00	11.40	8.80#
0.00	0.00	0.00

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

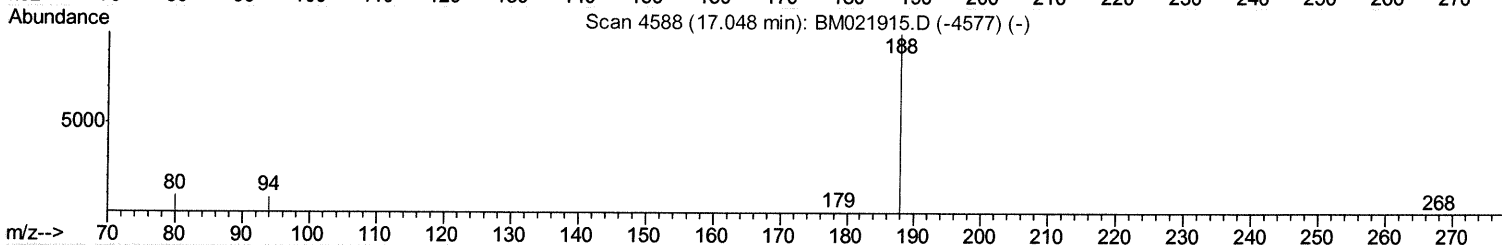
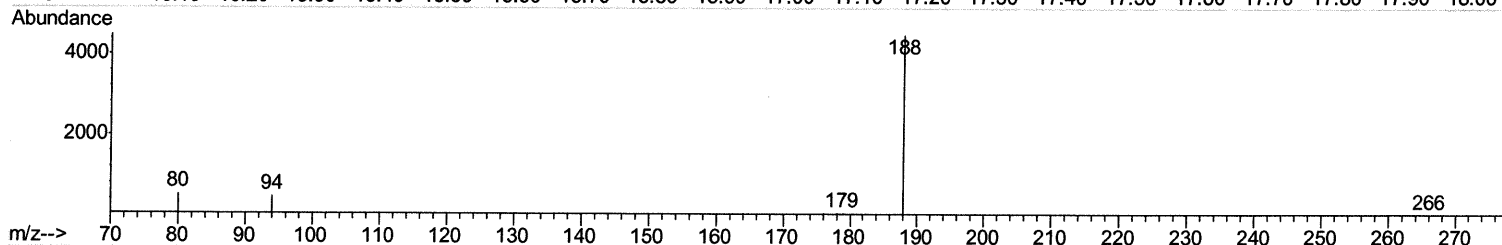
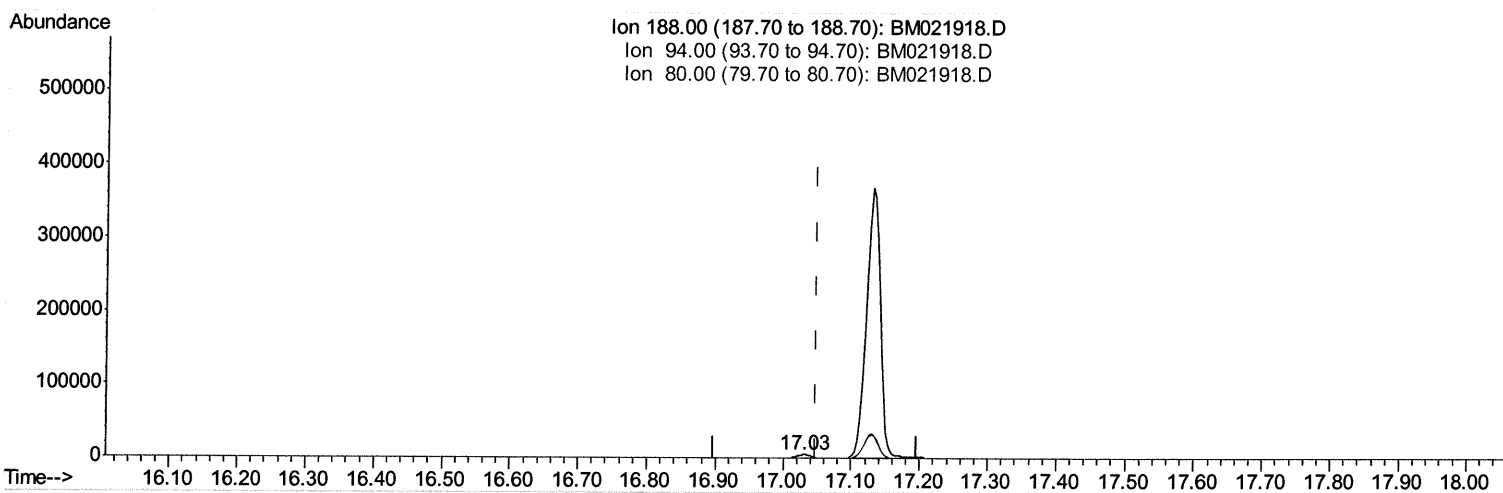
Data File : BM021918.D
Acq On : 08 Aug 2019 05:13
Operator : HP/JU
Sample : K4029-13
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY3

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:33 AM

Quant Time: Aug 08 06:57:06 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: BM021918.D

(10) Phenanthrene-d10 (I)

17.029min (-0.019) 0.40ng/ul m JU 8/10/19

response 6162

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	10.81
80.00	11.40	12.26
0.00	0.00	0.00

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

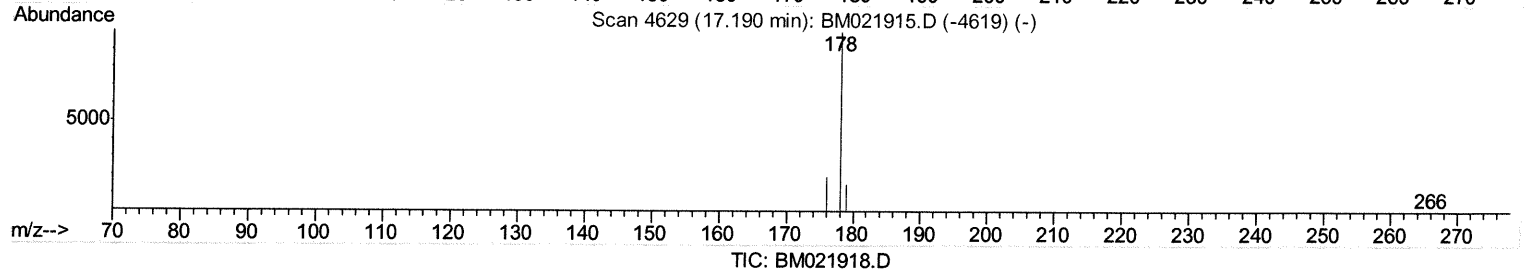
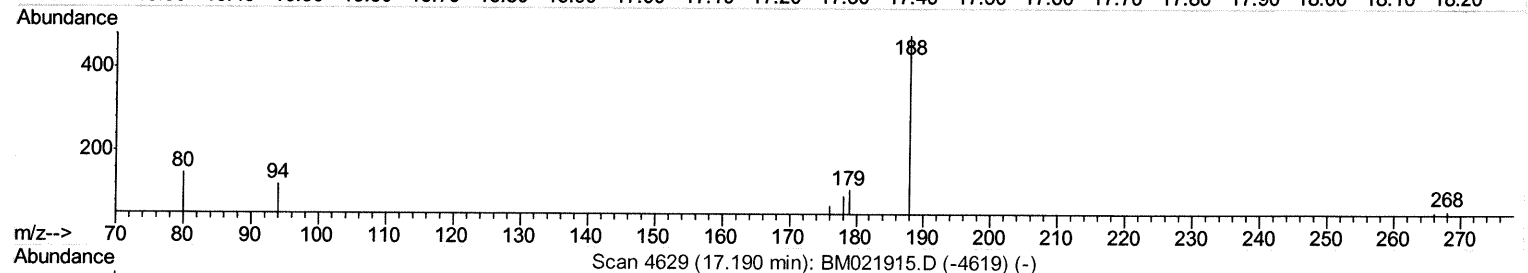
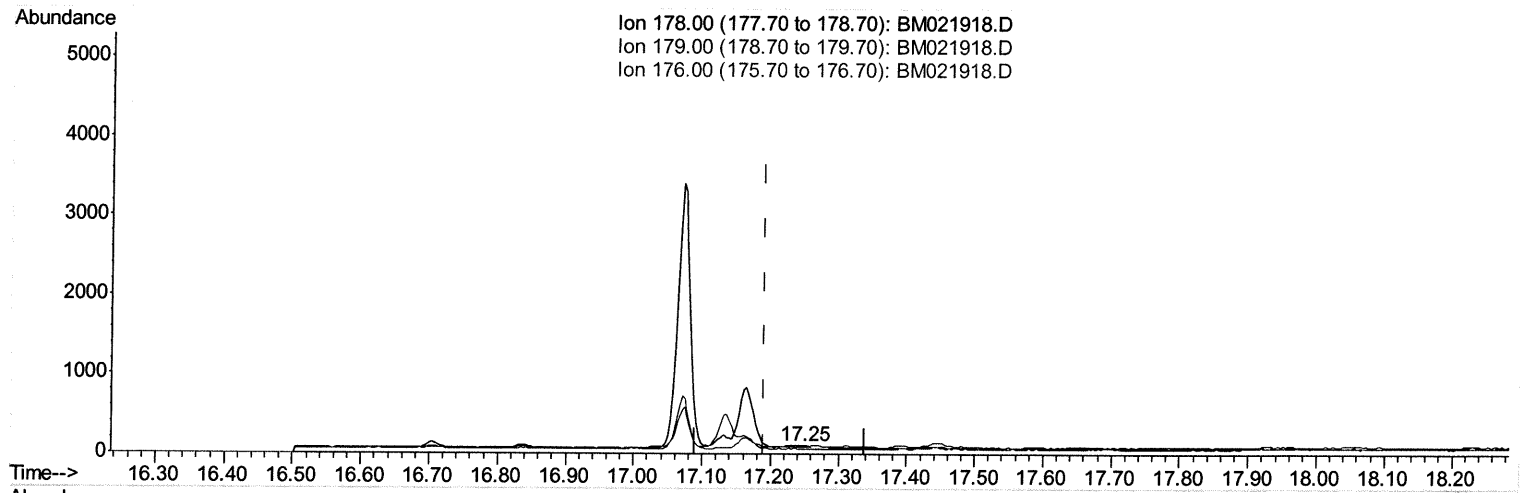
Data File : BM021918.D
Acq On : 08 Aug 2019 05:13
Operator : HP/JU
Sample : K4029-13
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY3

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:33 AM

Quant Time: Aug 08 07:04:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 08 06:54:24 2019
Response via : Initial Calibration



(13) Anthracene

17.247min (+0.057) 0.00ng/ul

response 23

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	116.13#
176.00	20.80	75.27#
0.00	0.00	0.00

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

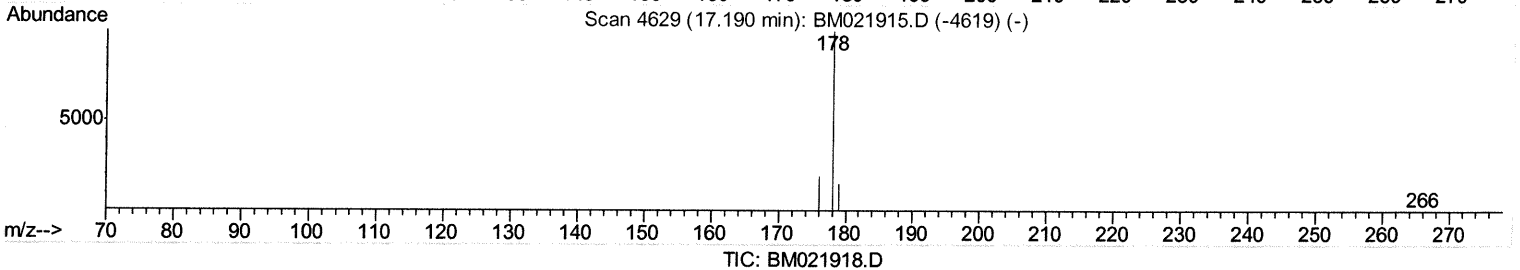
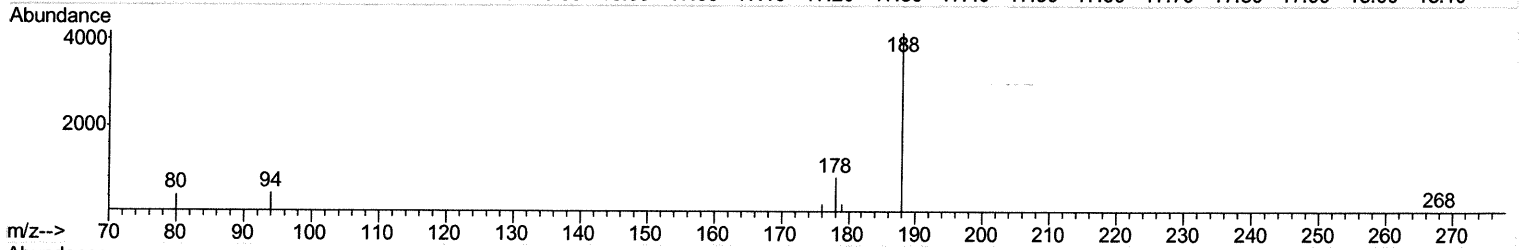
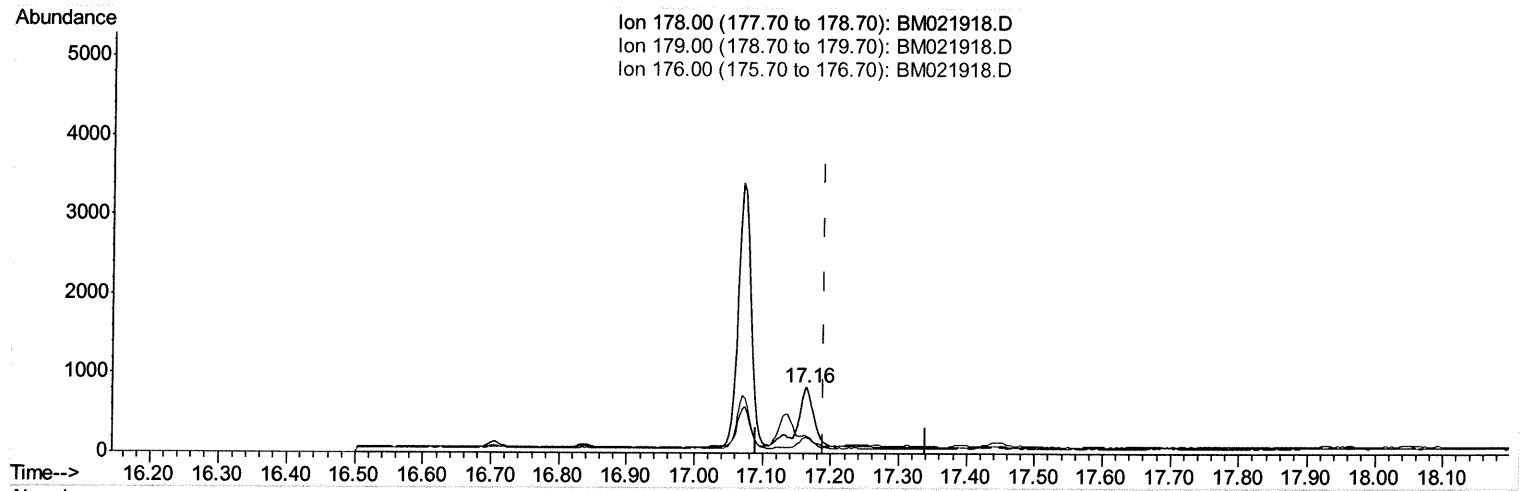
Data File : BM021918.D
Acq On : 08 Aug 2019 05:13
Operator : HP/JU
Sample : K4029-13
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY3

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:33 AM

Quant Time: Aug 08 07:04:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 08 06:54:24 2019
Response via : Initial Calibration



(13) Anthracene

17.164min (-0.026) 0.08ng/ul m *Ju 08/08/19*

response 1155

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	26.47#
176.00	20.80	25.03#
0.00	0.00	0.00

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

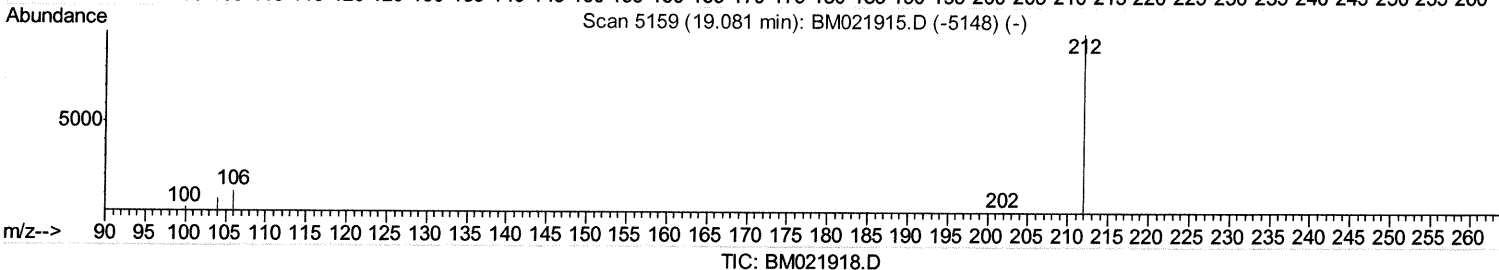
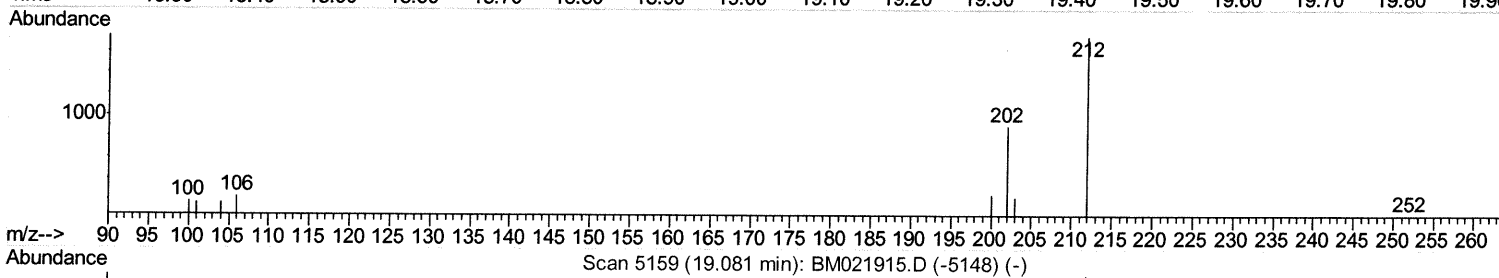
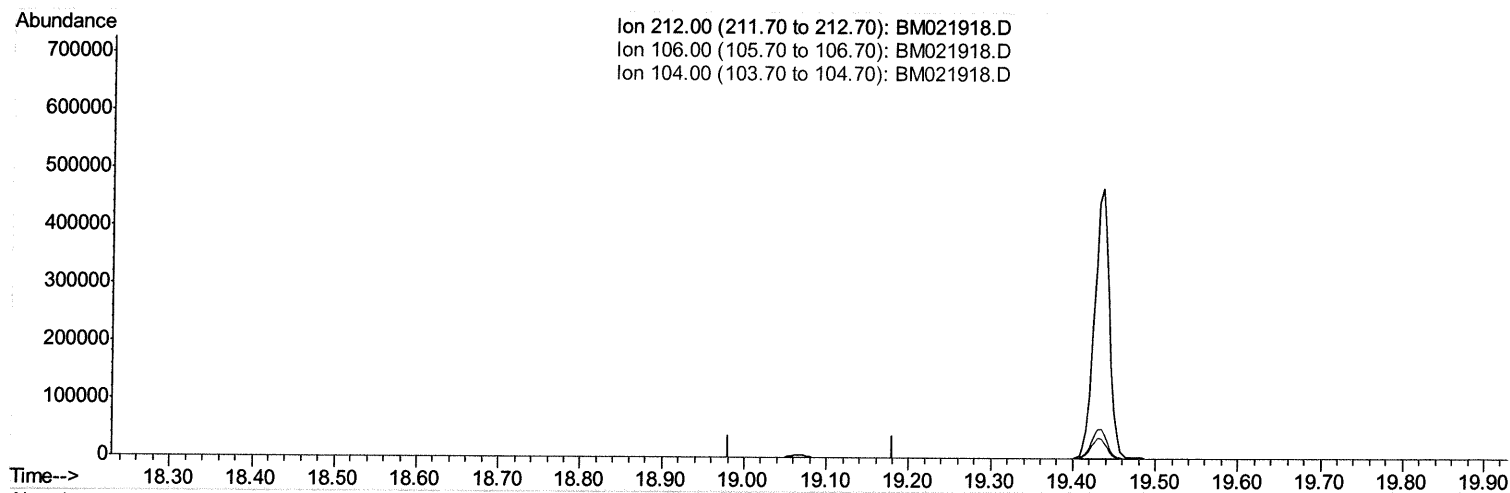
Data File : BM021918.D
Acq On : 08 Aug 2019 05:13
Operator : HP/JU
Sample : K4029-13
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY3

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:33 AM

Quant Time: Aug 08 07:04:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : 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)

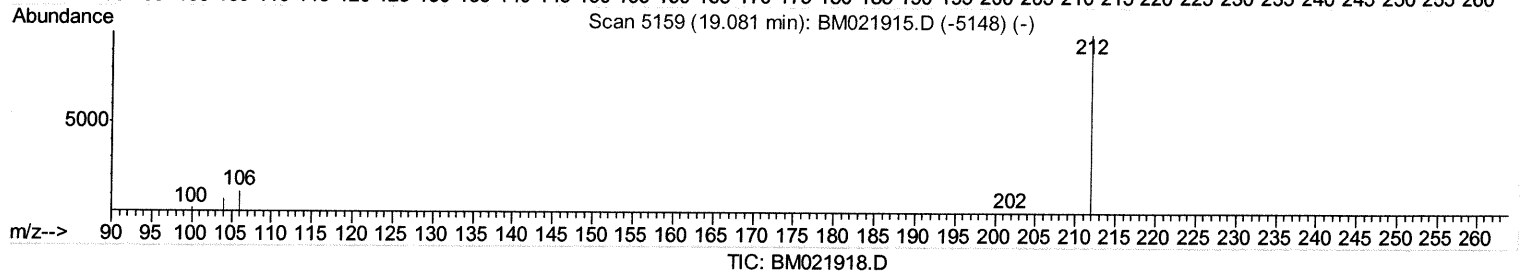
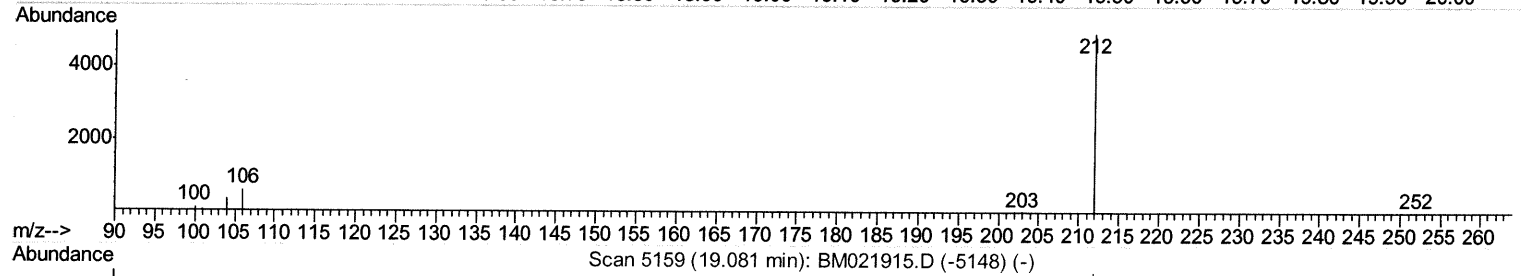
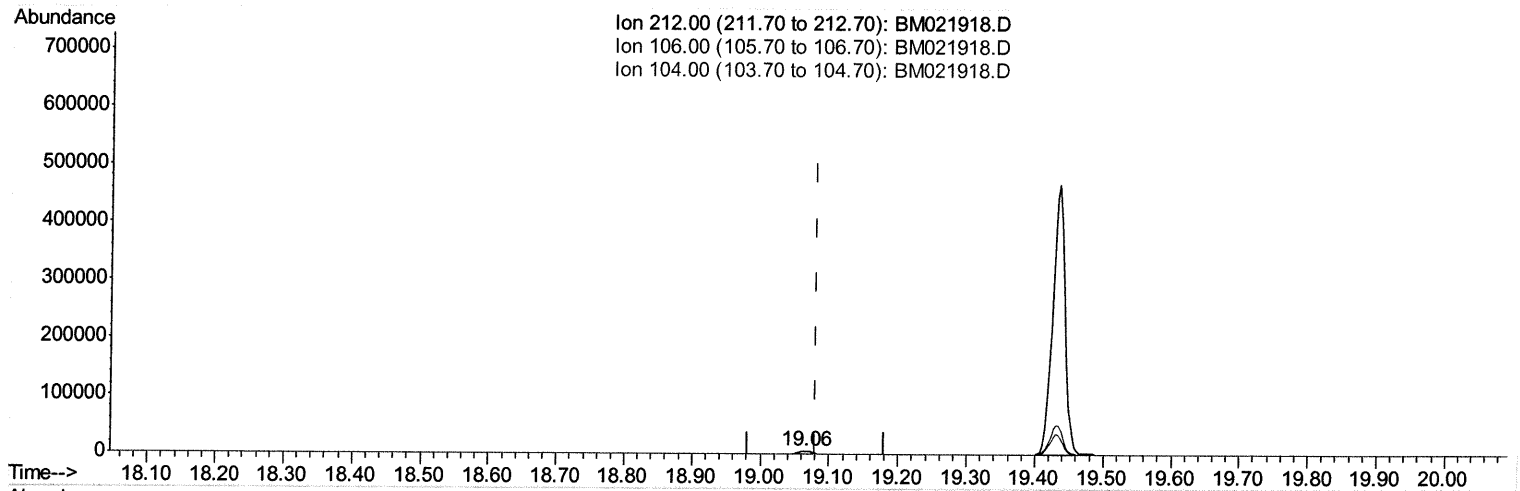
Data File : BM021918.D
Acq On : 08 Aug 2019 05:13
Operator : HP/JU
Sample : K4029-13
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY3

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:33 AM

Quant Time: Aug 08 07:04:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 08 06:54:24 2019
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.064min (-0.017) 0.32ng/ul m *50 08/08/19*

response 6546

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)

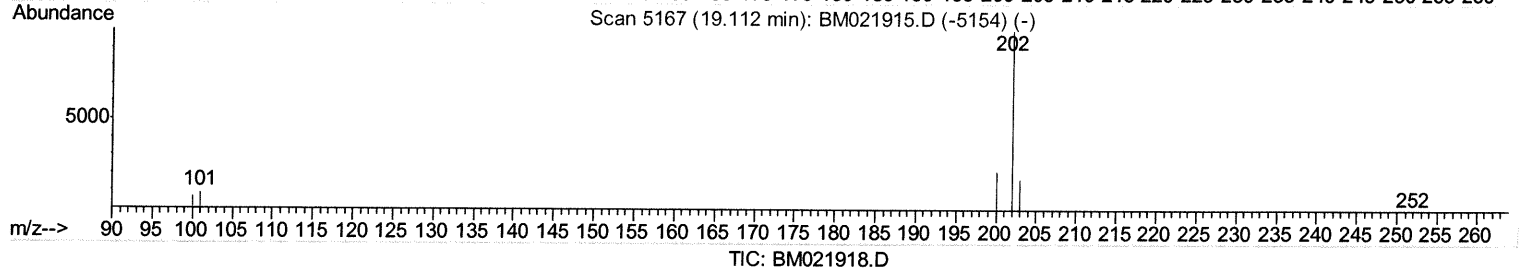
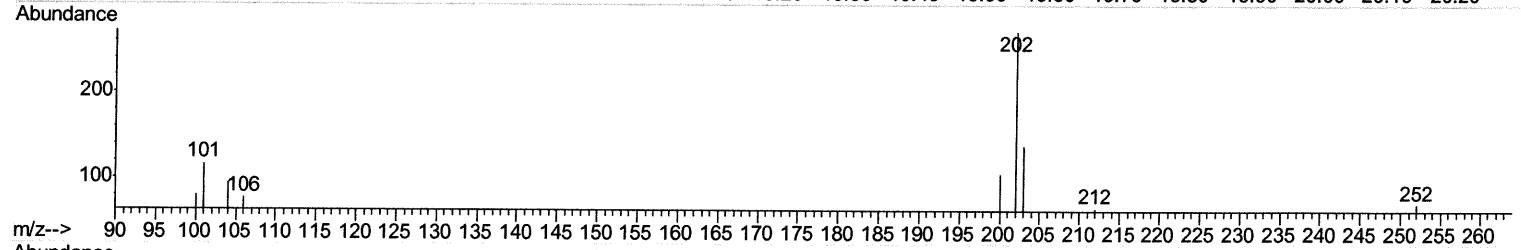
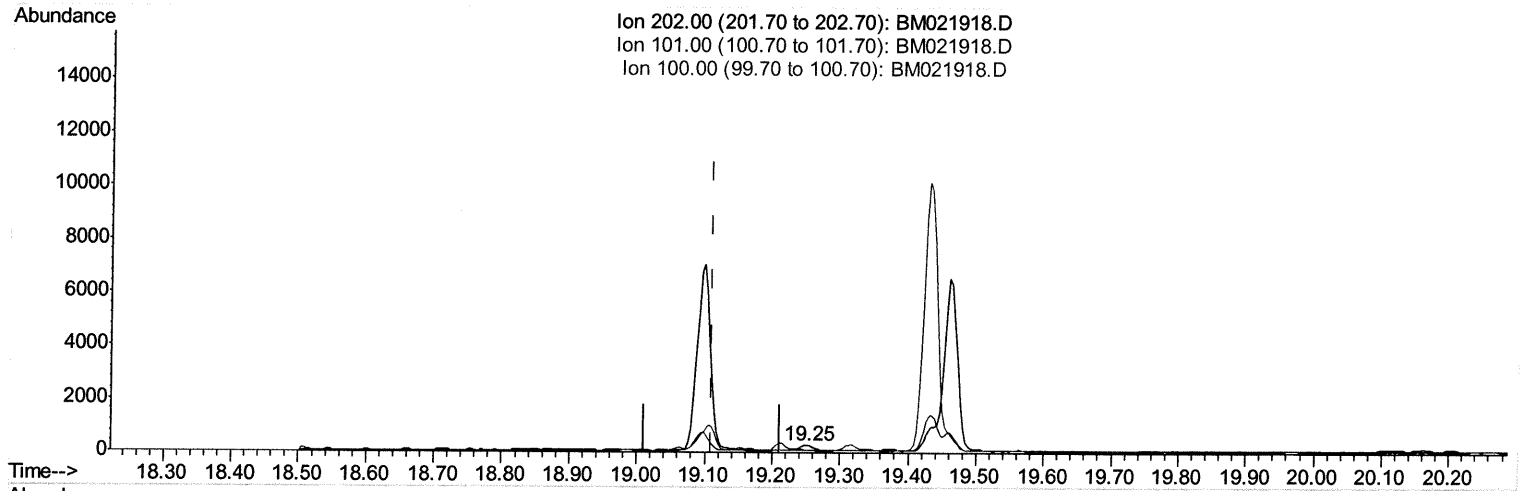
Data File : BM021918.D
Acq On : 08 Aug 2019 05:13
Operator : HP/JU
Sample : K4029-13
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY3

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:33 AM

Quant Time: Aug 08 07:04:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 08 06:54:24 2019
Response via : Initial Calibration



(15) Fluoranthene (C)

19.251min (+0.140) 0.01ng/ul

response 268

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	42.65#
100.00	8.10	29.41#
0.00	0.00	0.00

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

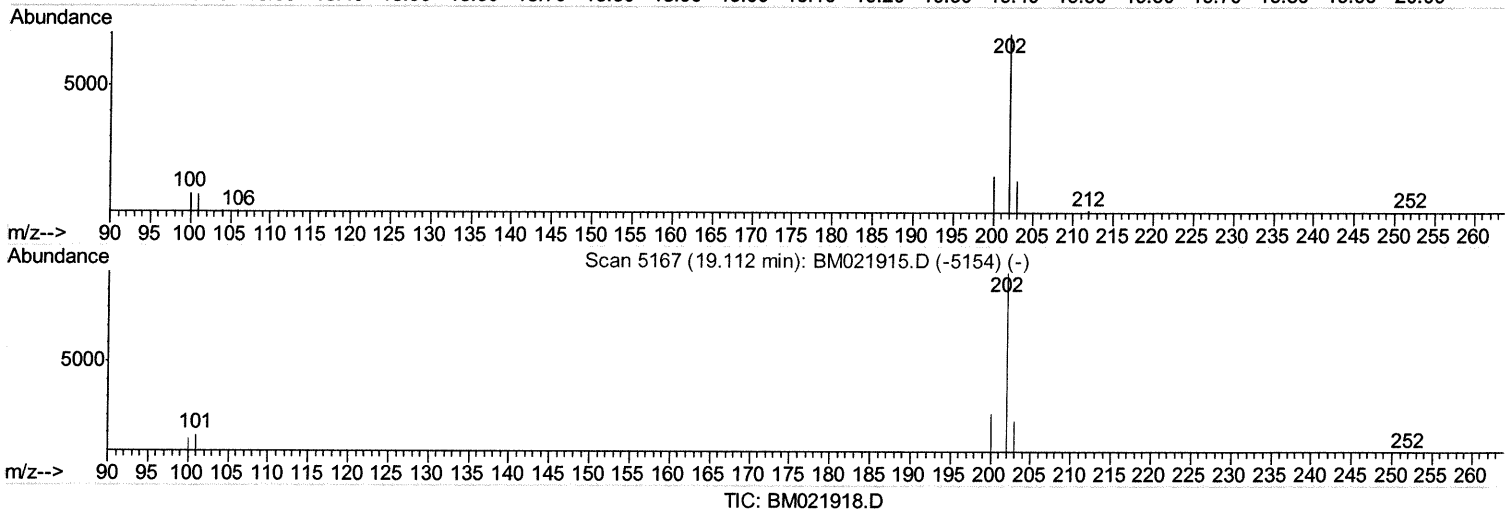
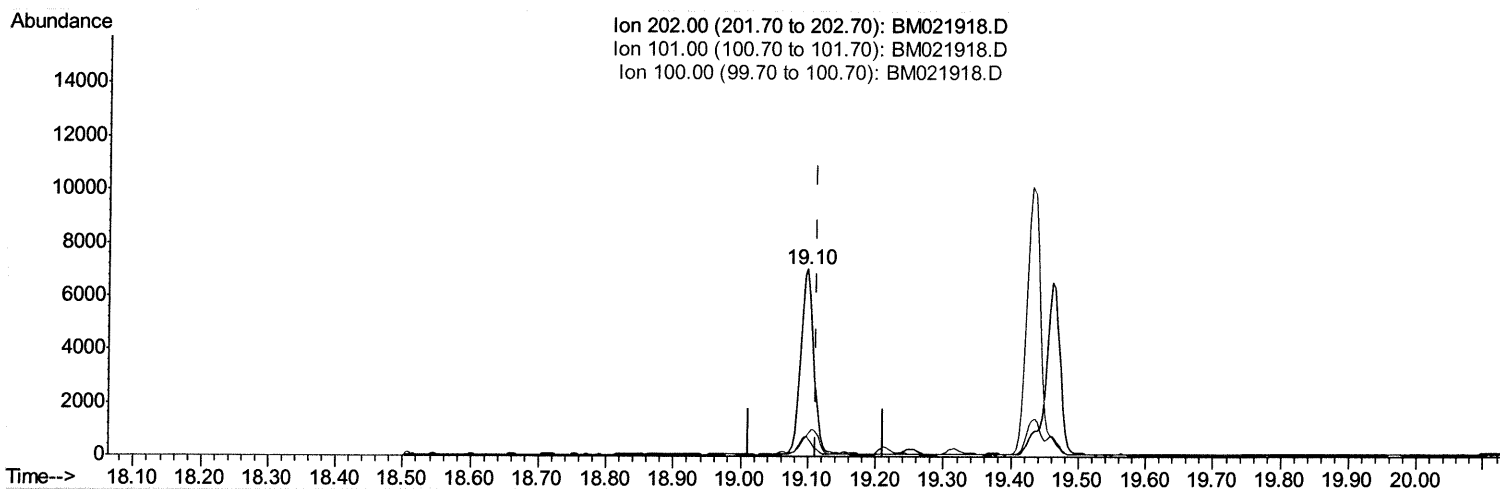
Data File : BM021918.D
Acq On : 08 Aug 2019 05:13
Operator : HP/JU
Sample : K4029-13
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY3

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:33 AM

Quant Time: Aug 08 07:04:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 08 06:54:24 2019
Response via : Initial Calibration



(15) Fluoranthene (C)

19.099min (-0.013) 0.40ng/ul m

JU 08/08/19

response 9632

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	10.47
100.00	8.10	11.36
0.00	0.00	0.00

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

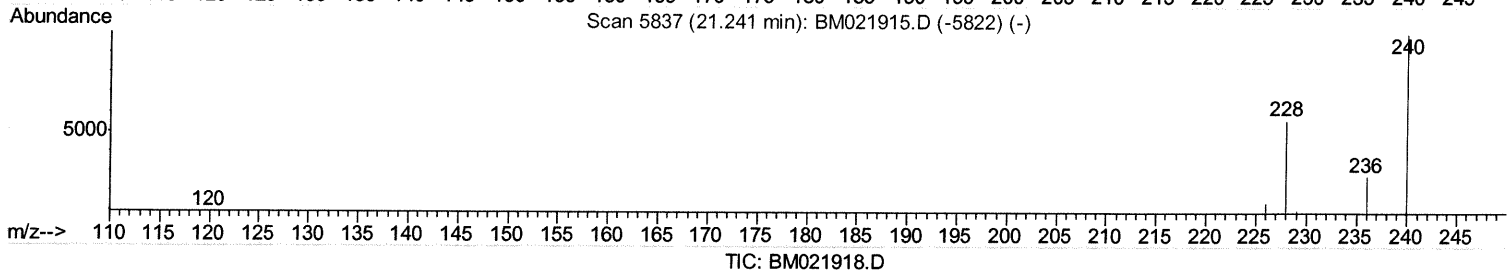
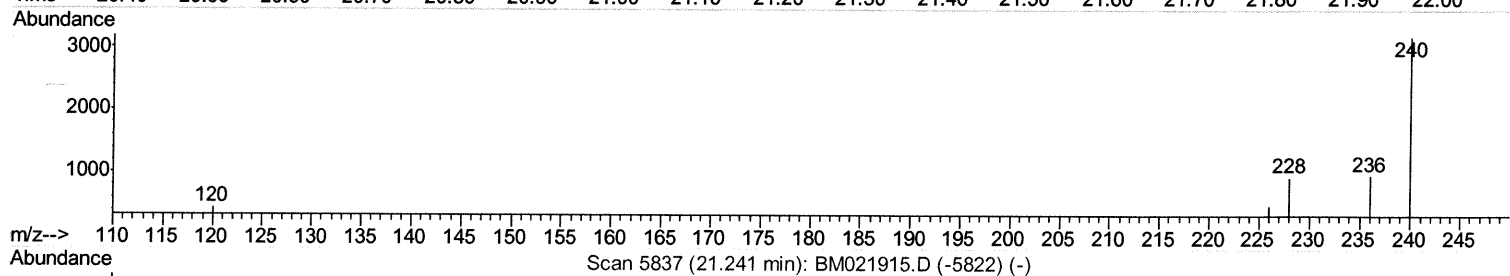
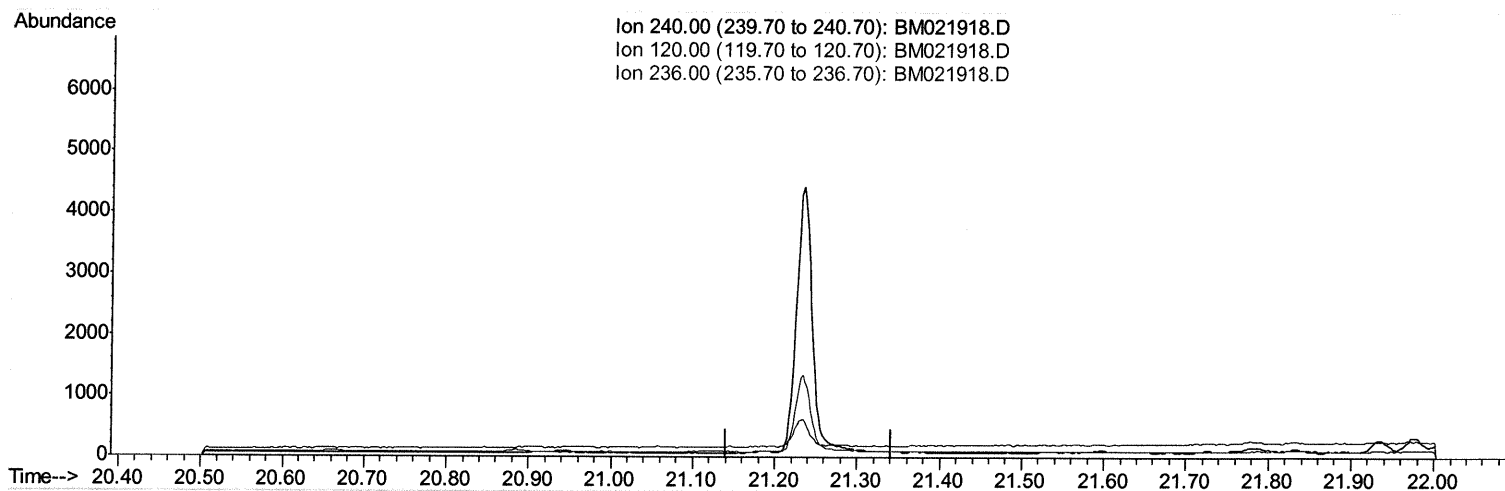
Data File : BM021918.D
Acq On : 08 Aug 2019 05:13
Operator : HP/JU
Sample : K4029-13
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY3

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:33 AM

Quant Time: Aug 08 07:04:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : 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)

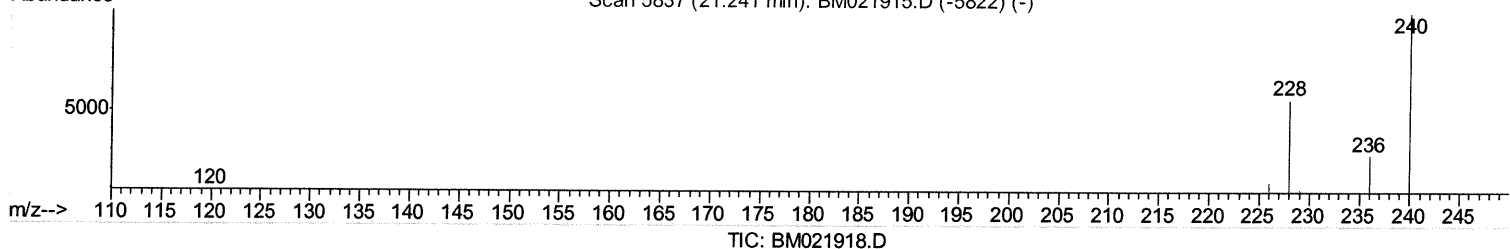
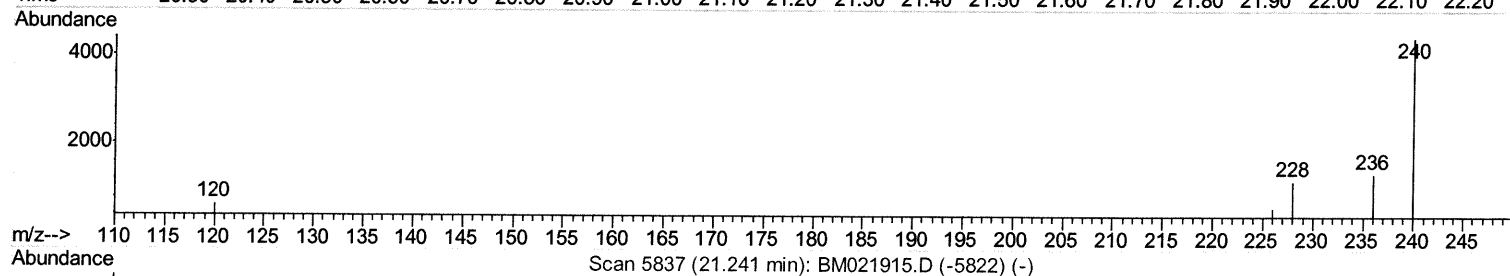
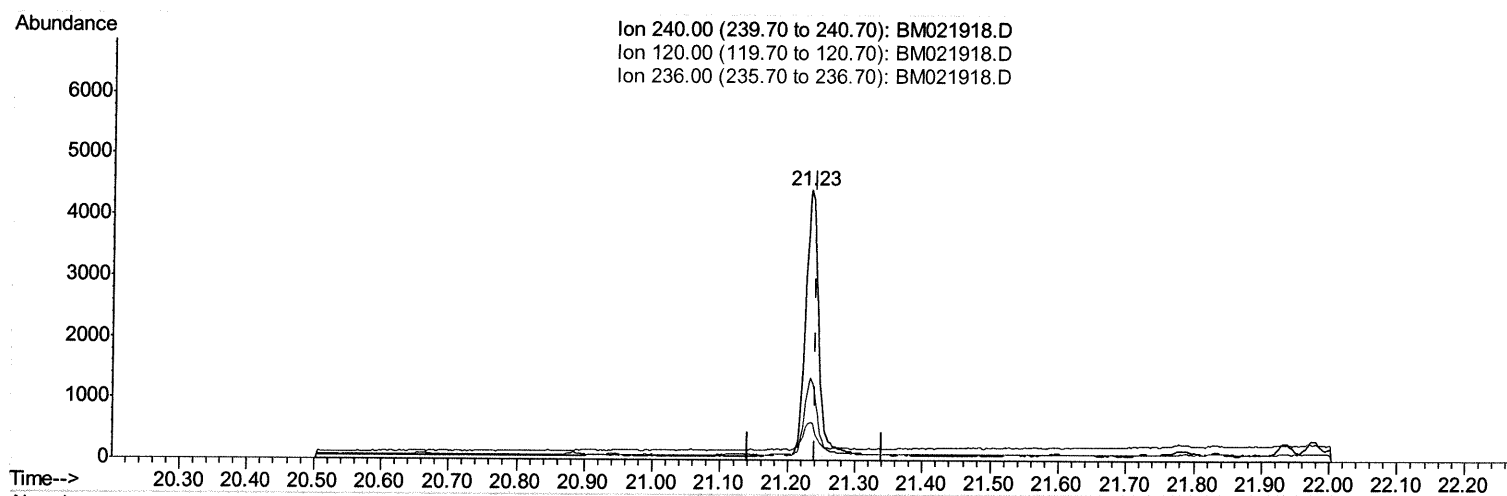
Data File : BM021918.D
Acq On : 08 Aug 2019 05:13
Operator : HP/JU
Sample : K4029-13
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY3

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:33 AM

Quant Time: Aug 08 07:04:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 08 06:54:24 2019
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.234min (-0.007) 0.40ng/ul m *JU 08/08/19*

response 5752

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	14.15
236.00	32.30	30.42
0.00	0.00	0.00

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

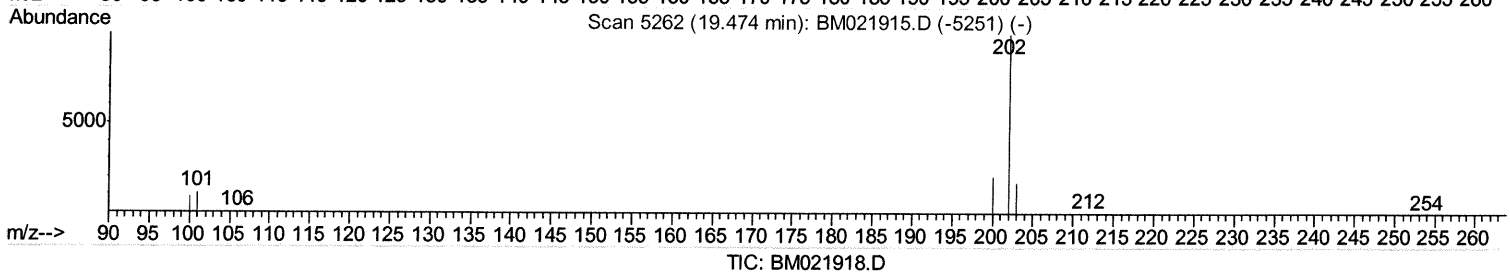
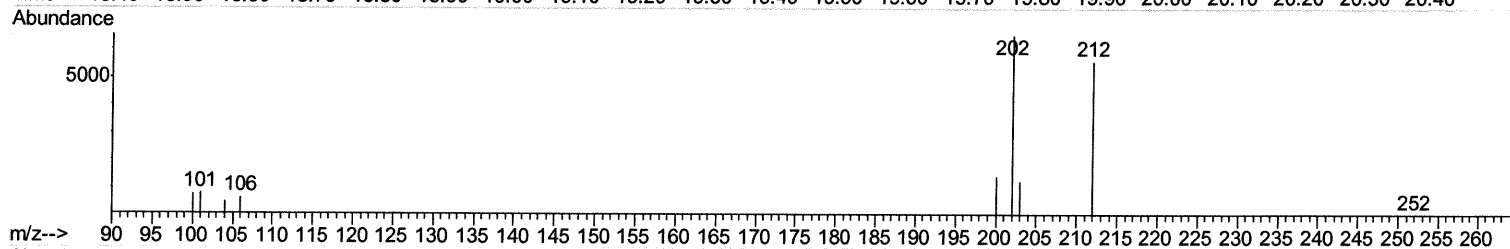
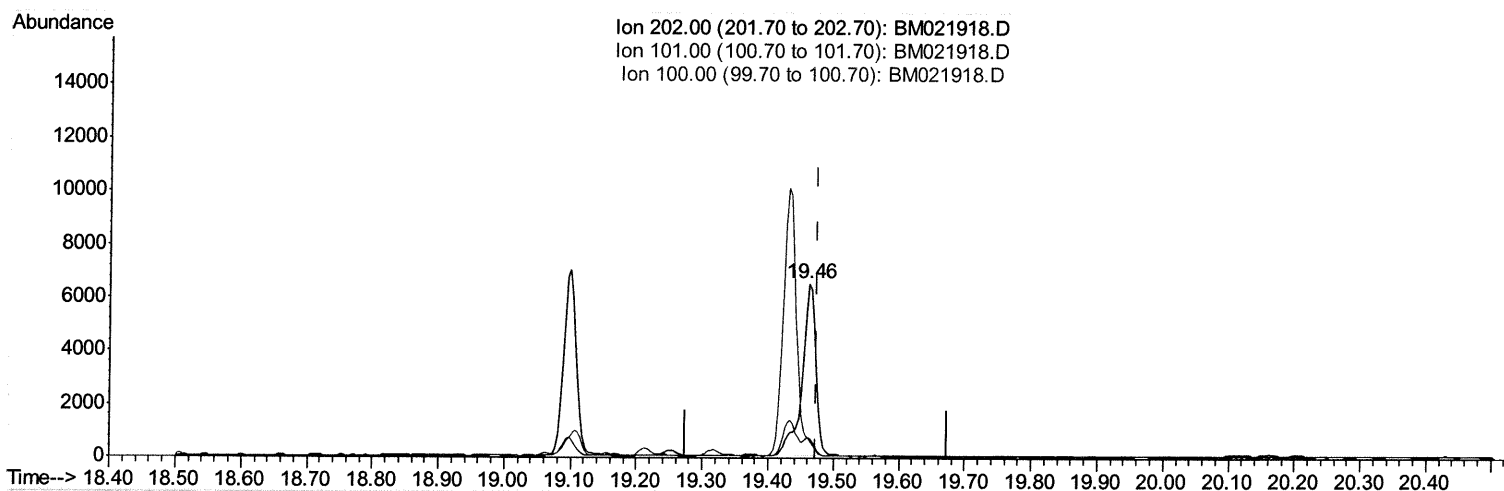
Data File : BM021918.D
Acq On : 08 Aug 2019 05:13
Operator : HP/JU
Sample : K4029-13
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY3

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:33 AM

Quant Time: Aug 08 07:05:02 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 : Thu Aug 08 06:54:24 2019
Response via : Initial Calibration



(17) Pyrene

19.461min (-0.013) 0.41ng/ul

response 9604

Ion	Exp%	Act%
202.00	100	100
101.00	10.40	12.15
100.00	9.00	11.54#
0.00	0.00	0.00

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

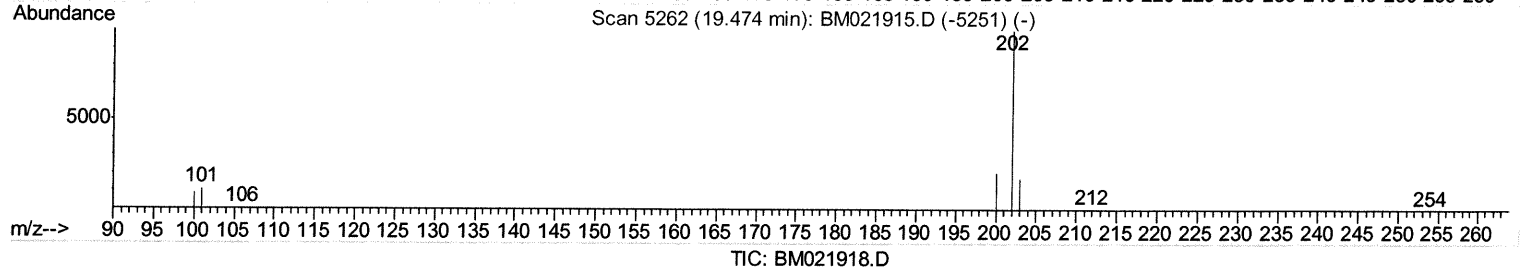
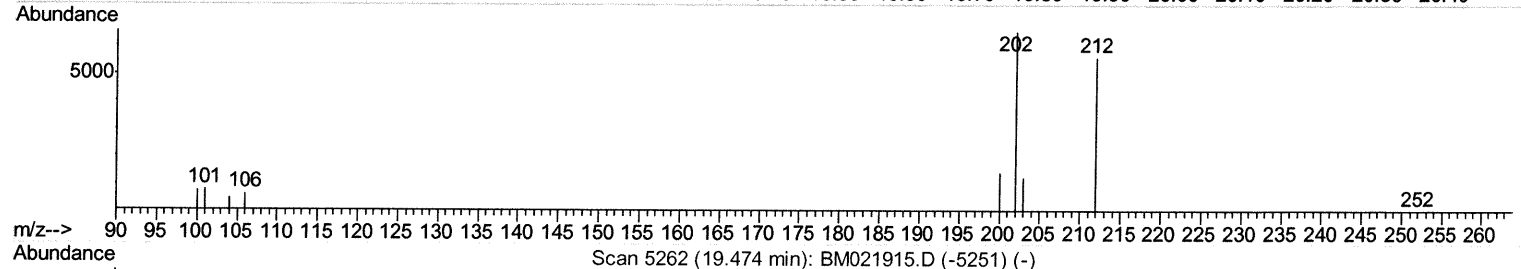
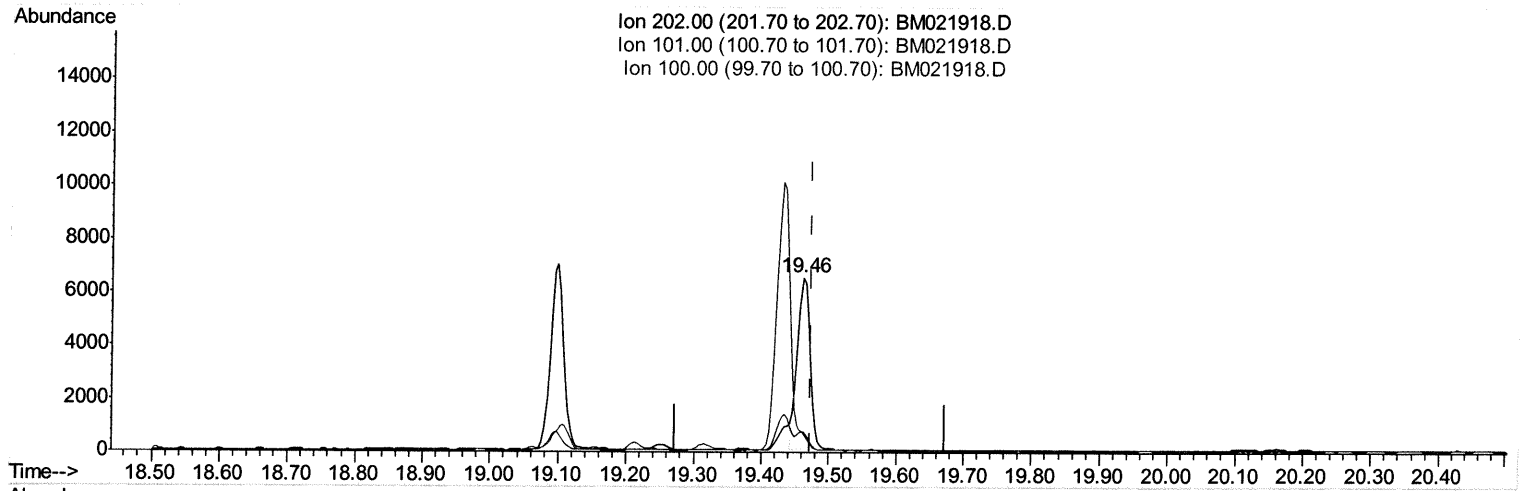
Data File : BM021918.D
Acq On : 08 Aug 2019 05:13
Operator : HP/JU
Sample : K4029-13
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY3

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:33 AM

Quant Time: Aug 08 07:05:02 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 : Thu Aug 08 06:54:24 2019
Response via : Initial Calibration



(17) Pyrene

19.461min (-0.013) 0.36ng/ul m 0.4019

response 8528

Ion	Exp%	Act%
202.00	100	100
101.00	10.40	12.15
100.00	9.00	11.54#
0.00	0.00	0.00

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

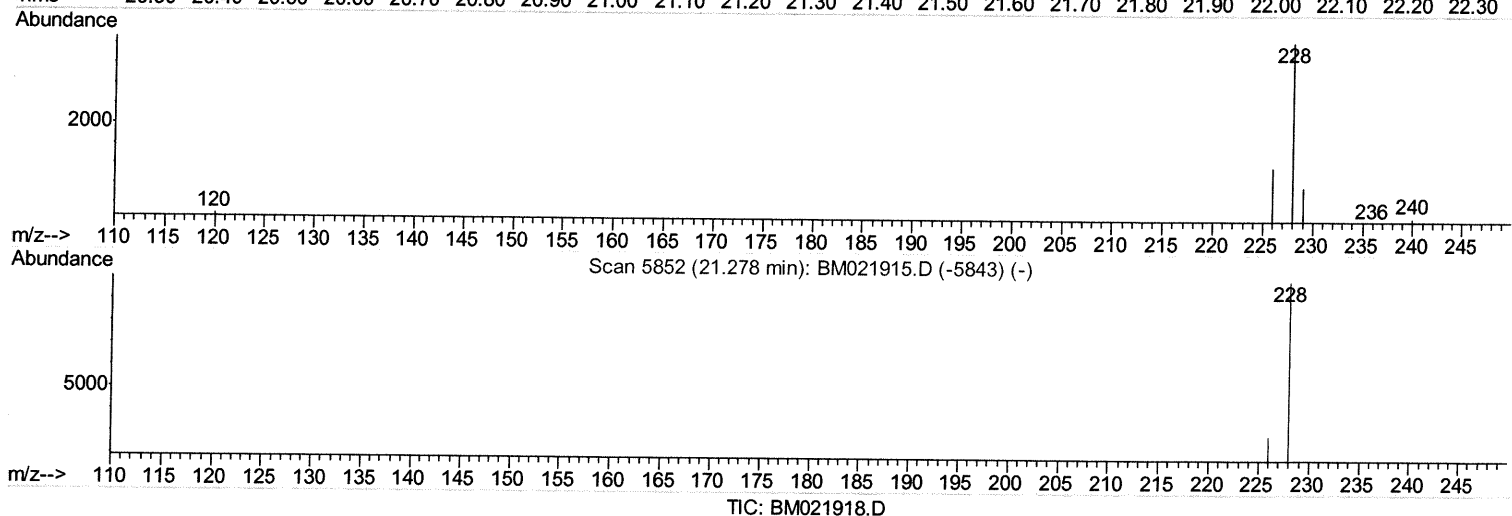
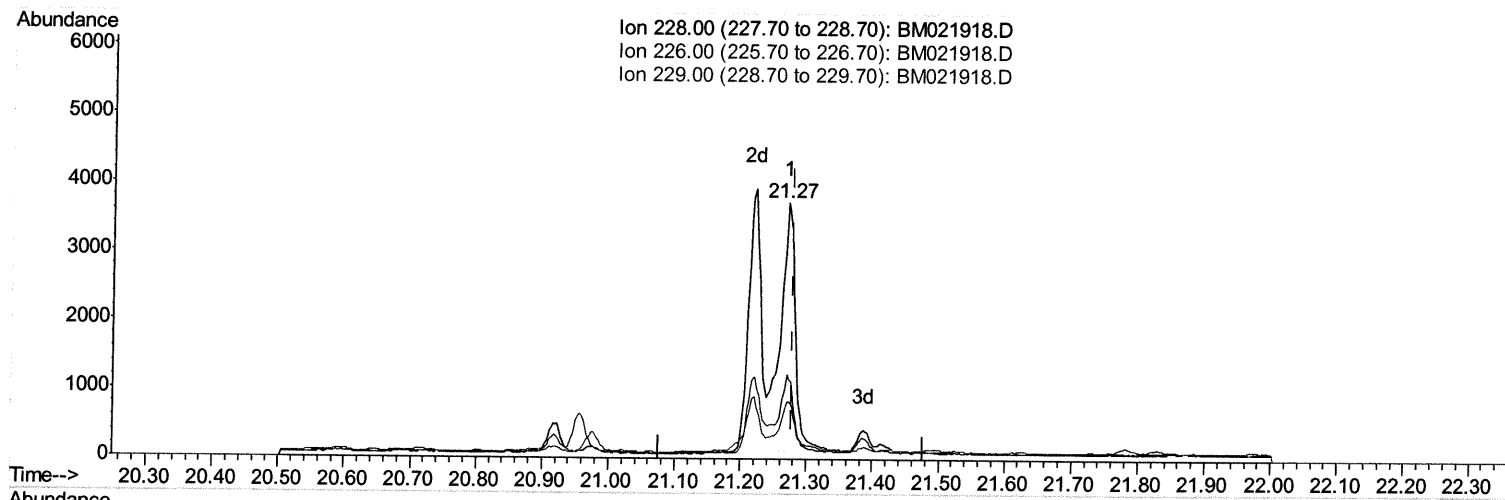
Data File : BM021918.D
Acq On : 08 Aug 2019 05:13
Operator : HP/JU
Sample : K4029-13
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY3

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:33 AM

Quant Time: Aug 08 07:05:02 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 : Thu Aug 08 06:54:24 2019
Response via : Initial Calibration



(19) Chrysene

21.270min (-0.007) 0.20ng/ul

response 5284

Ion	Exp%	Act%
228.00	100	100
226.00	31.10	32.86
229.00	20.80	22.09
0.00	0.00	0.00

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

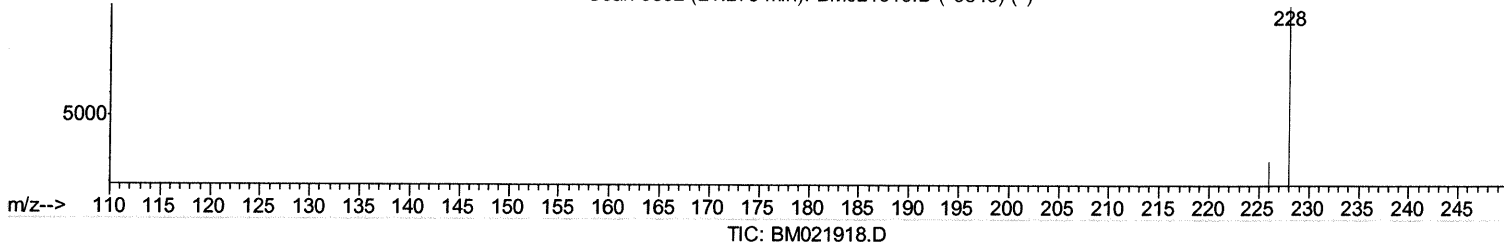
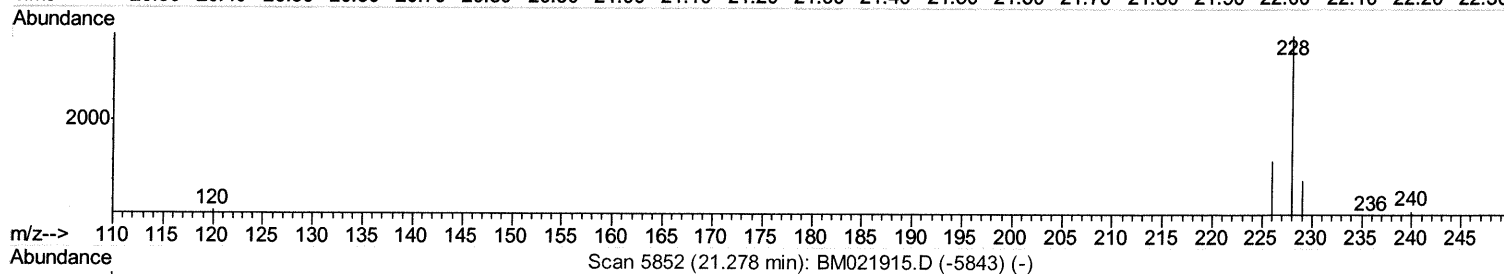
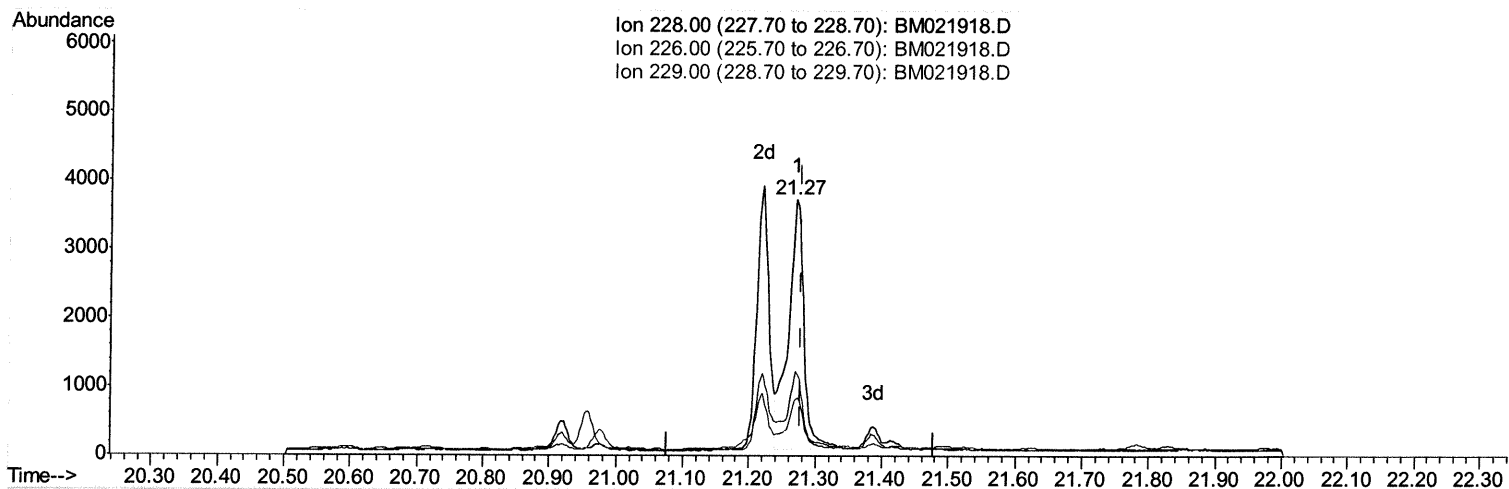
Data File : BM021918.D
Acq On : 08 Aug 2019 05:13
Operator : HP/JU
Sample : K4029-13
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY3

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:33 AM

Quant Time: Aug 08 07:05:02 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 : Thu Aug 08 06:54:24 2019
Response via : Initial Calibration



(19) Chrysene

21.270min (-0.007) 0.23ng/ul m *JU 08/08/19*

response 6029

Ion	Exp%	Act%
228.00	100	100
226.00	31.10	32.86
229.00	20.80	22.09
0.00	0.00	0.00

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

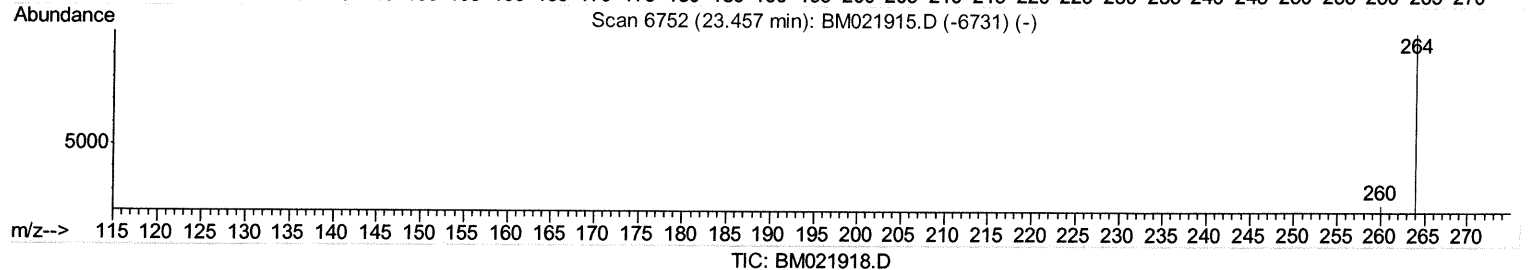
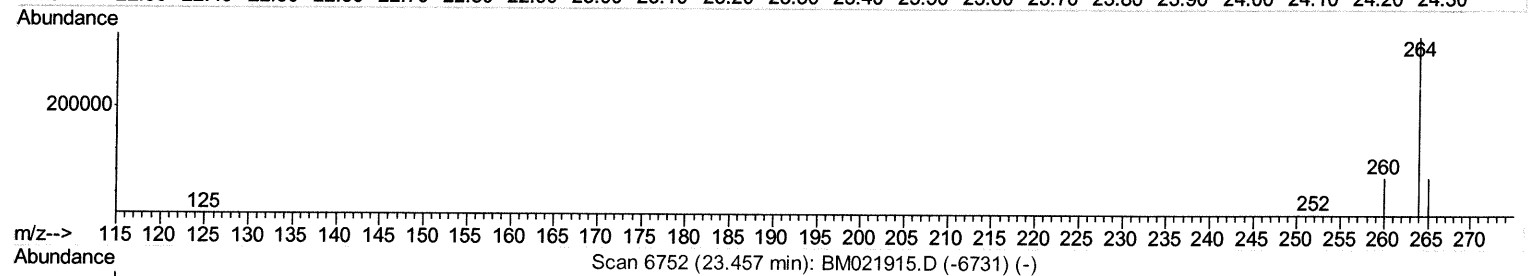
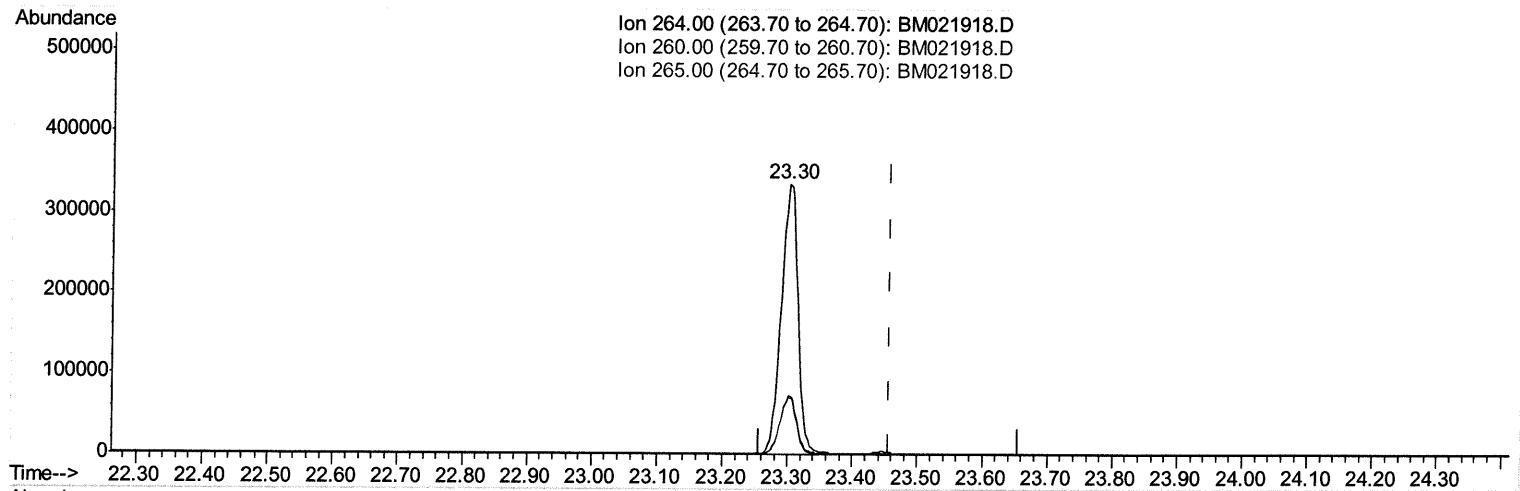
Data File : BM021918.D
Acq On : 08 Aug 2019 05:13
Operator : HP/JU
Sample : K4029-13
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY3

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:33 AM

Quant Time: Aug 08 07:05:02 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 : Thu Aug 08 06:54:24 2019
Response via : Initial Calibration



(20) Perylene-d12 (I)

23.302min (-0.155) 0.40ng/ul

response 592225

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	21.14#
265.00	117.00	21.64#
0.00	0.00	0.00

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

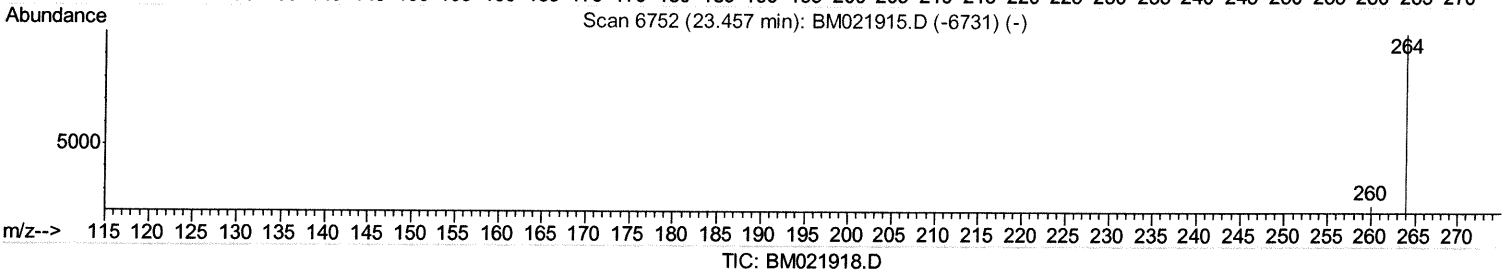
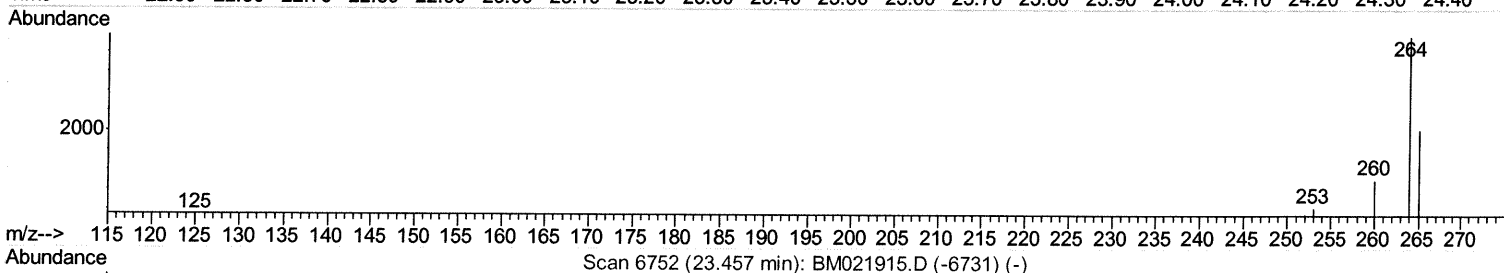
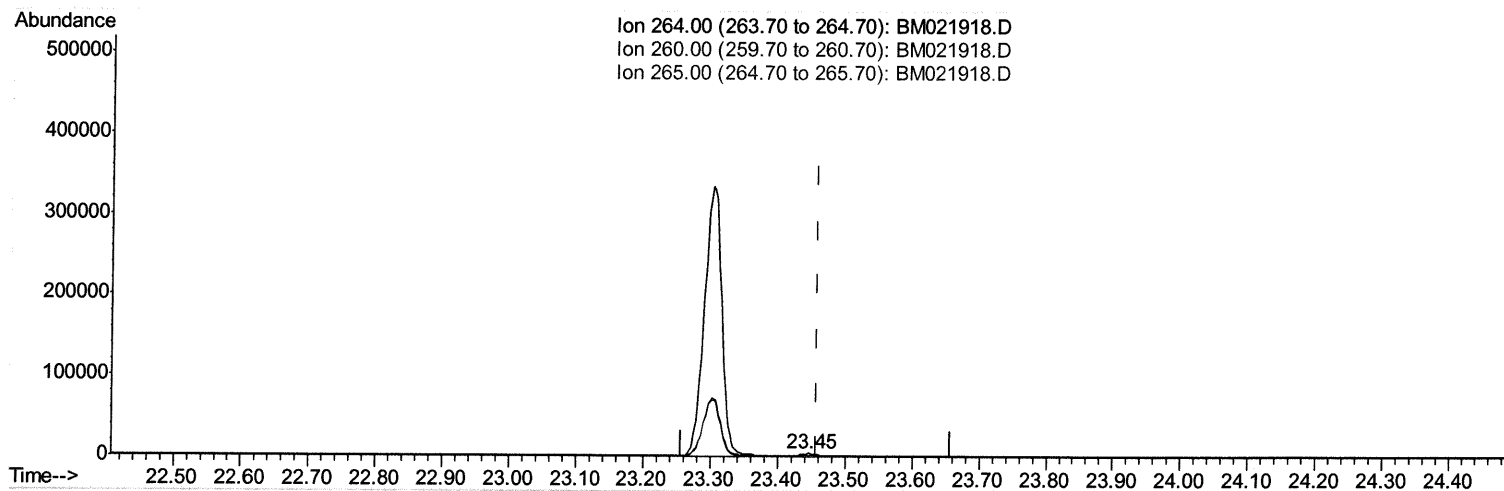
Data File : BM021918.D
Acq On : 08 Aug 2019 05:13
Operator : HP/JU
Sample : K4029-13
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY3

Manual Integrations
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Quant Time: Aug 08 07:05:02 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 : 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 6545

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	25.82
265.00	117.00	51.78#
0.00	0.00	0.00

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

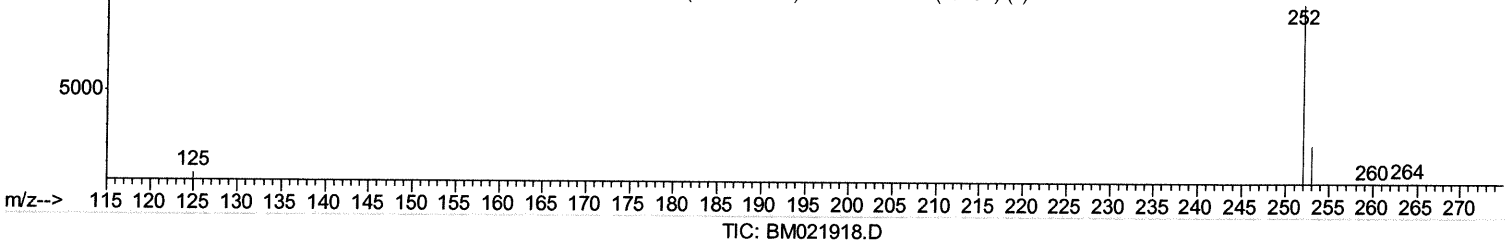
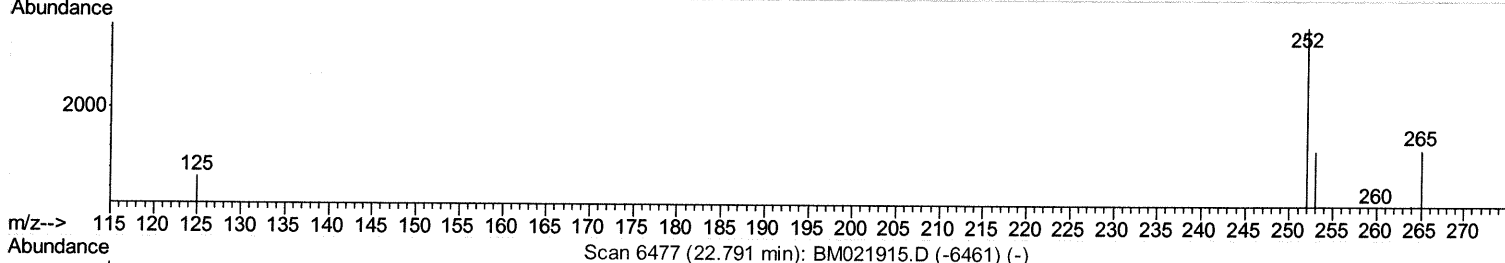
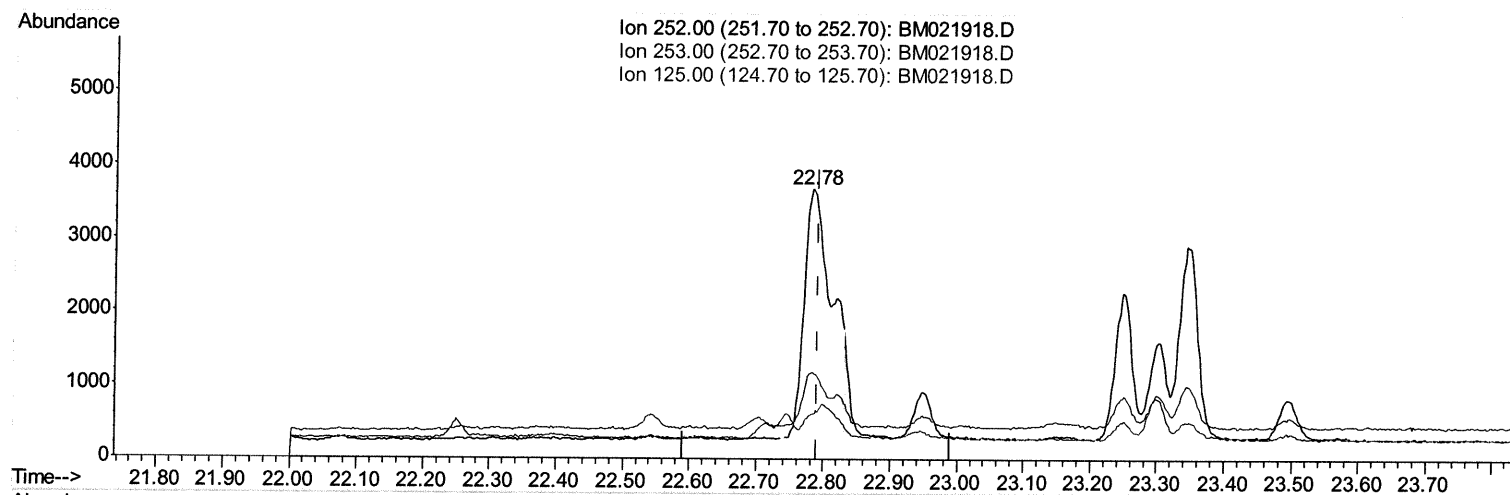
Data File : BM021918.D
Acq On : 08 Aug 2019 05:13
Operator : HP/JU
Sample : K4029-13
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY3

Manual Integrations
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Quant Time: Aug 08 07:06:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 08 06:54:24 2019
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.784min (-0.007) 0.44ng/ul

response 9620

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	32.16
125.00	15.50	16.75
0.00	0.00	0.00

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

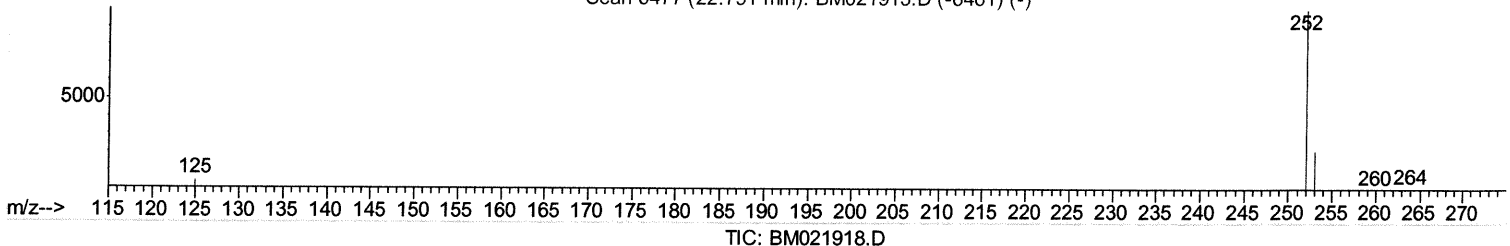
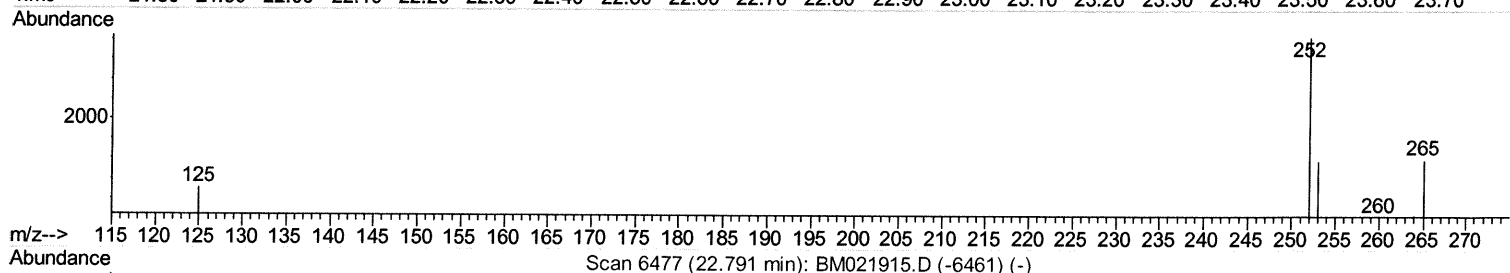
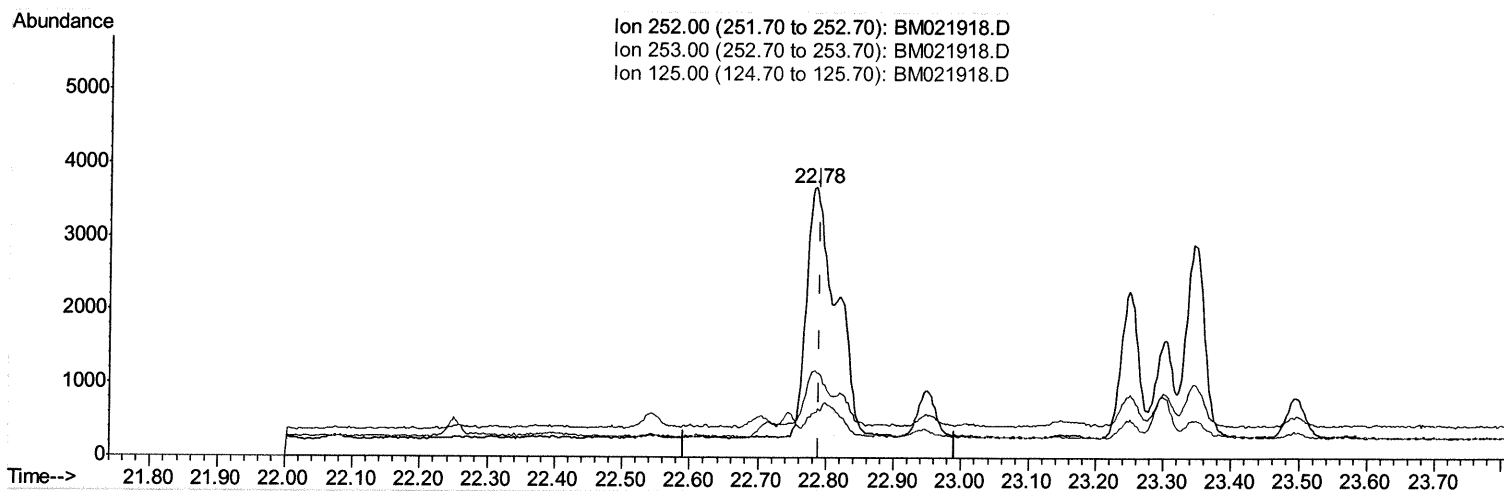
Data File : BM021918.D
Acq On : 08 Aug 2019 05:13
Operator : HP/JU
Sample : K4029-13
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY3

Manual Integrations
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mohammad
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Quant Time: Aug 08 07:06:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 08 06:54:24 2019
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.784min (-0.007) 0.34ng/ul m *Ju 08/08/19*

response 7546

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	32.16
125.00	15.50	16.75
0.00	0.00	0.00

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

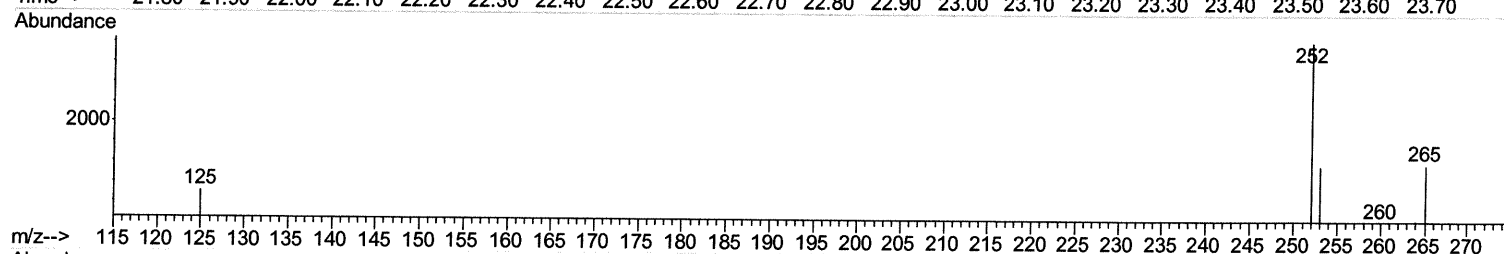
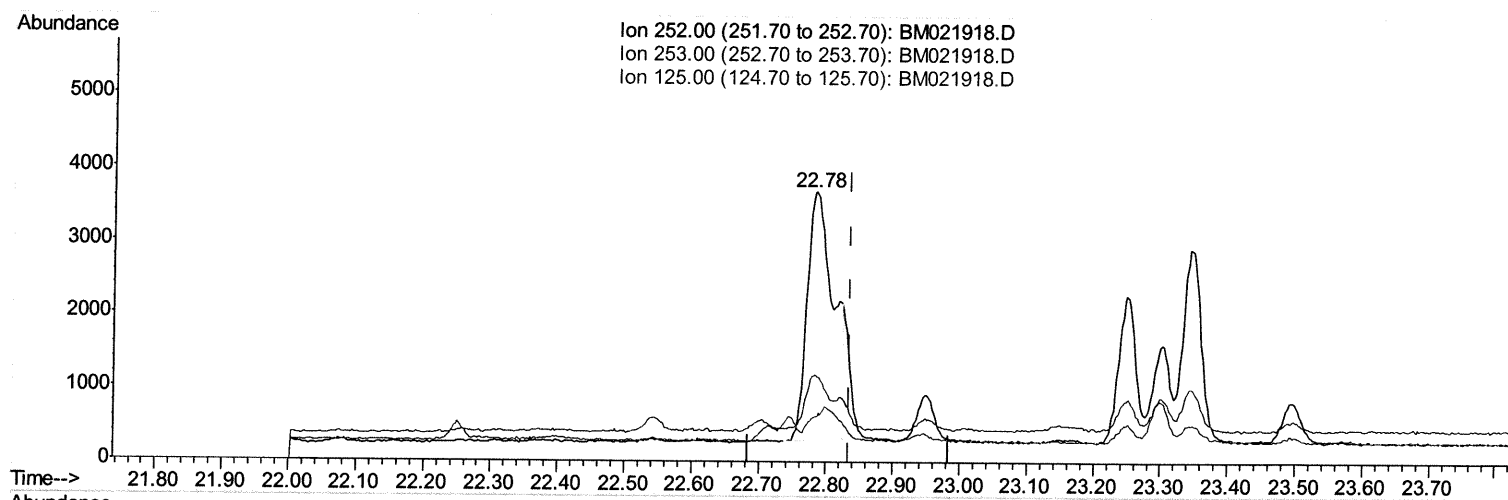
Data File : BM021918.D
Acq On : 08 Aug 2019 05:13
Operator : HP/JU
Sample : K4029-13
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY3

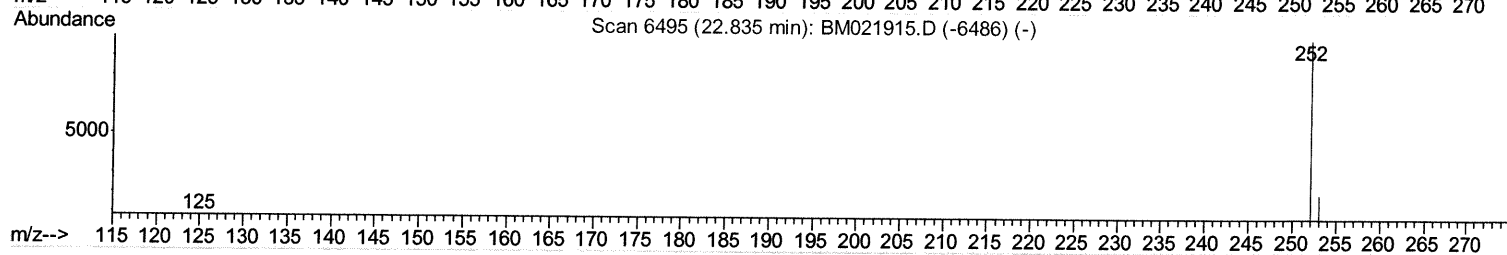
Manual Integrations
APPROVED

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8/9/2019 6:11:33 AM

Quant Time: Aug 08 07:06:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 08 06:54:24 2019
Response via : Initial Calibration



Scan 6495 (22.835 min): BM021915.D (-6486) (-)



TIC: BM021918.D

(22) Benzo(k)fluoranthene

22.784min (-0.051) 0.36ng/ul

response 8896

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	32.16
125.00	15.20	16.75
0.00	0.00	0.00

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

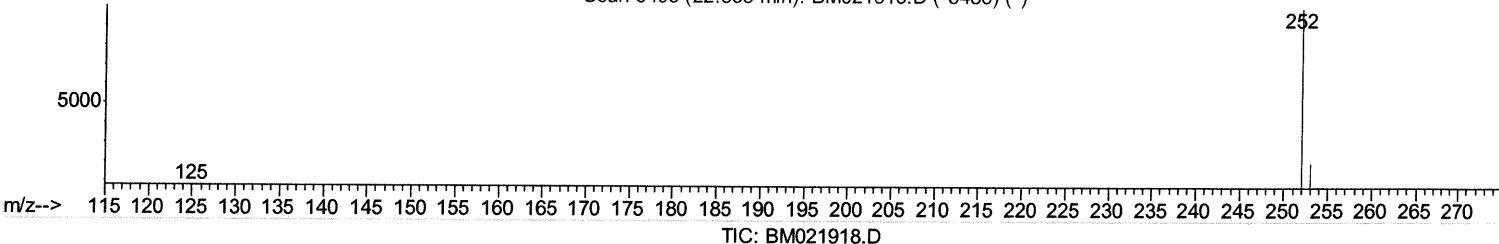
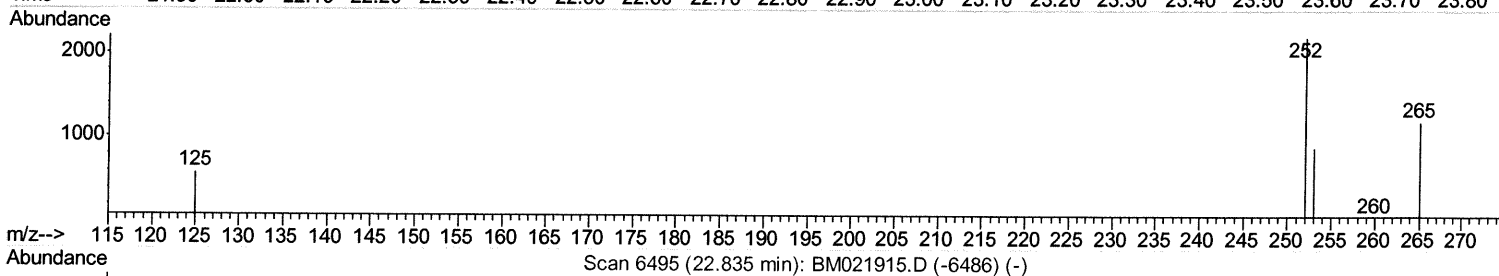
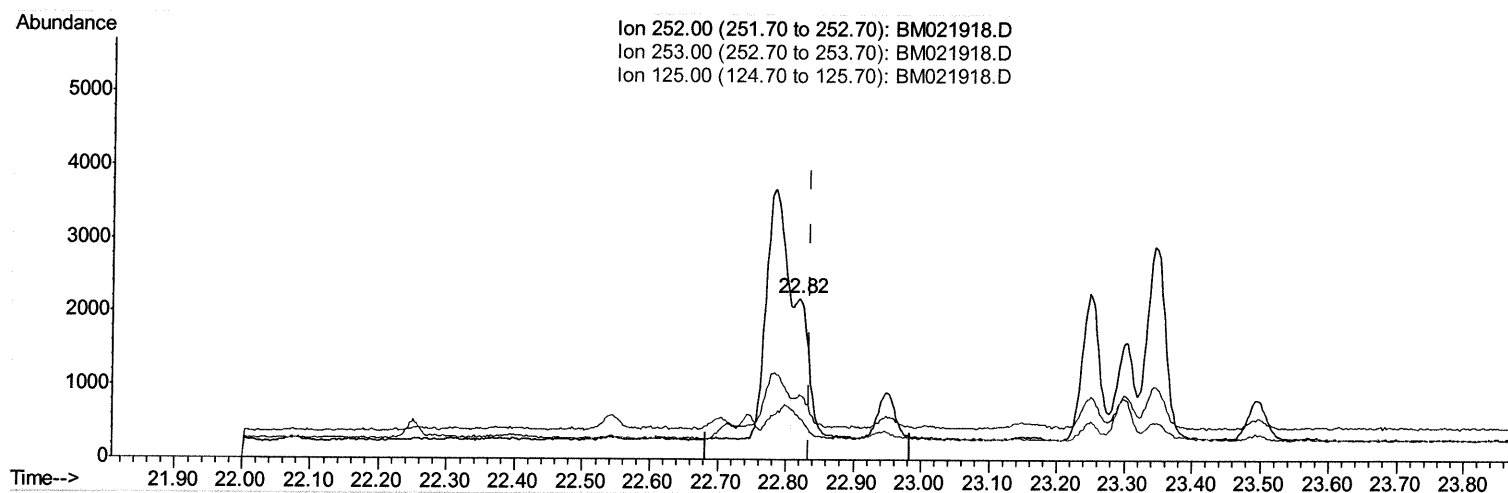
Data File : BM021918.D
Acq On : 08 Aug 2019 05:13
Operator : HP/JU
Sample : K4029-13
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY3

Manual Integrations
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Quant Time: Aug 08 07:06:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 08 06:54:24 2019
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.820min (-0.015) 0.12ng/ul m *JU 08/08/19*

response 3090

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	40.22
125.00	15.20	26.21#
0.00	0.00	0.00

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

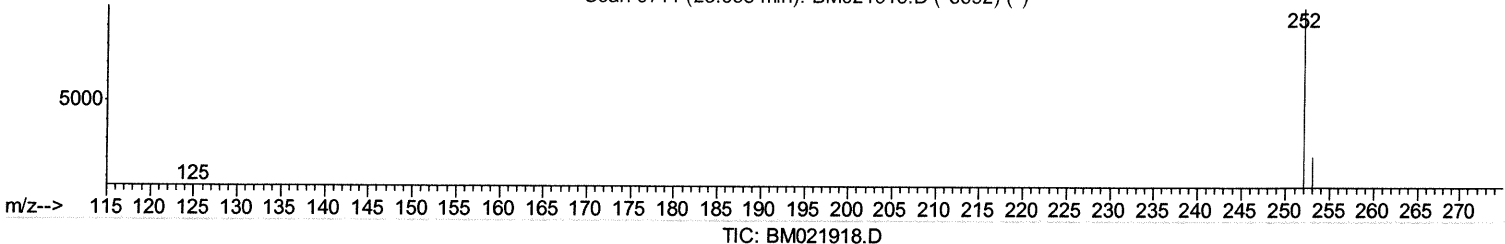
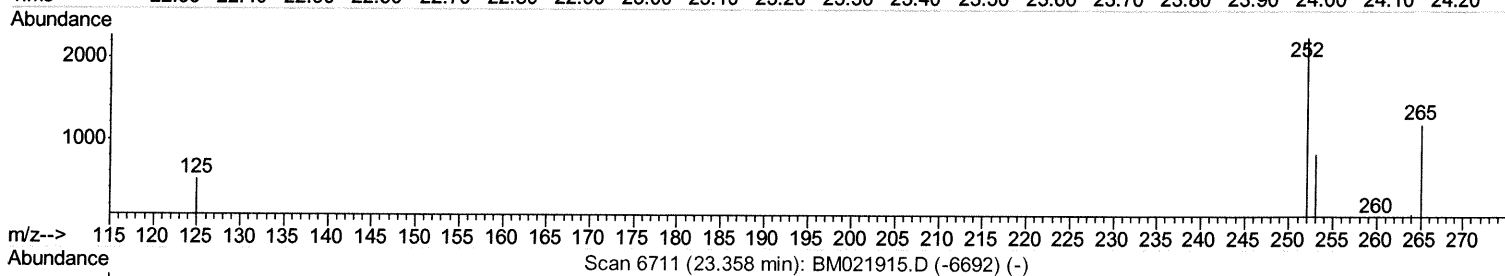
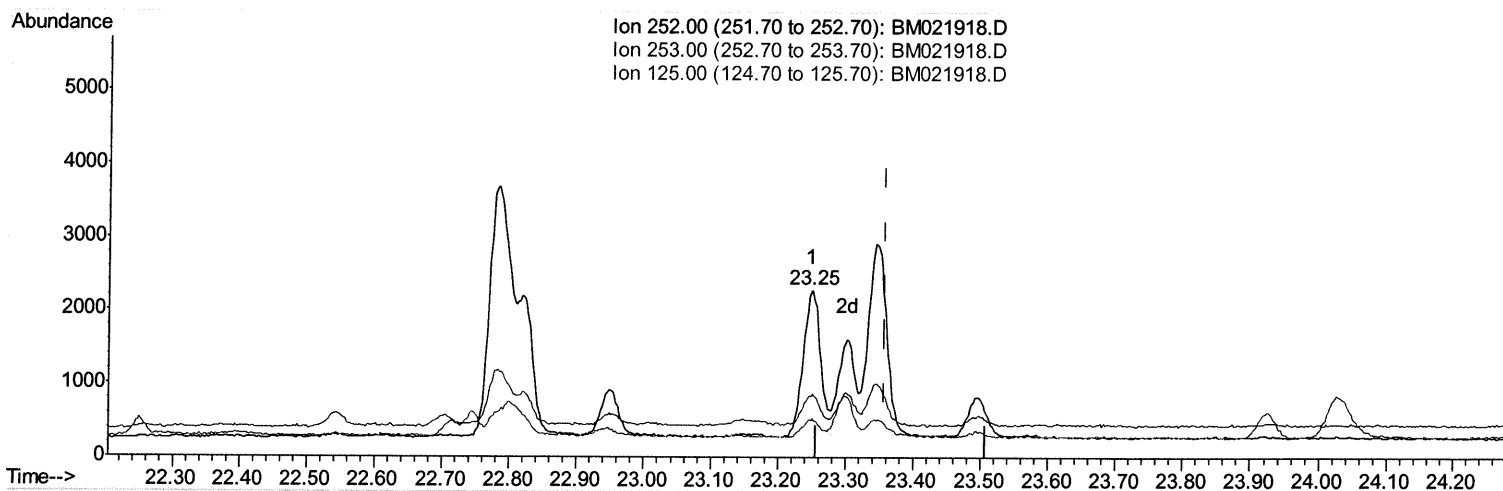
Data File : BM021918.D
Acq On : 08 Aug 2019 05:13
Operator : HP/JU
Sample : K4029-13
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY3

Manual Integrations
APPROVED

mohammad
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Quant Time: Aug 08 07:06:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 08 06:54:24 2019
Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.249min (-0.109) 0.16ng/ui

response 3654

Ion	Exp%	Act%
252.00	100	100
253.00	39.60	37.08
125.00	18.20	22.36#
0.00	0.00	0.00

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

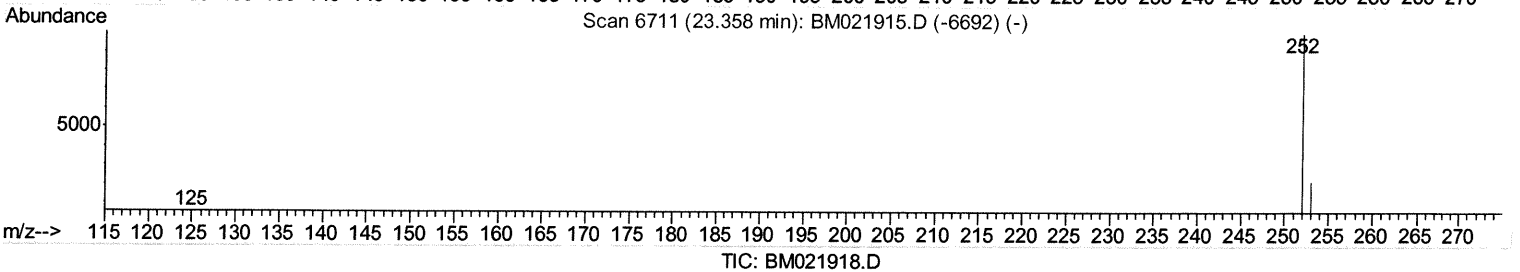
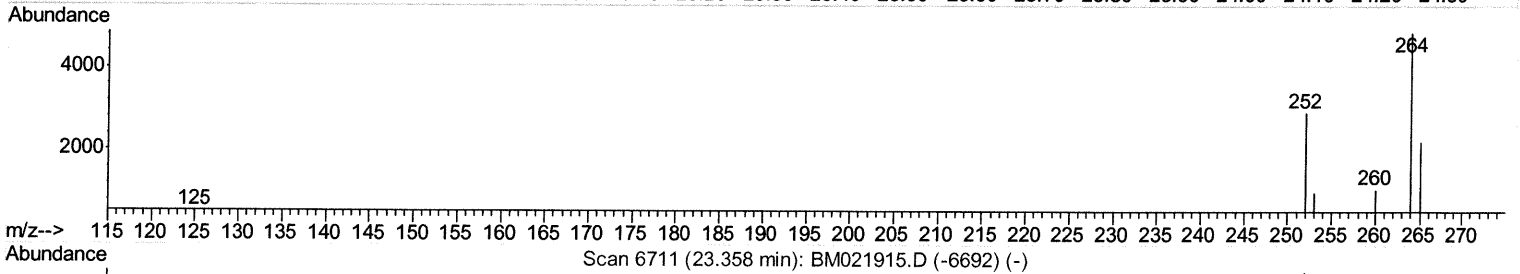
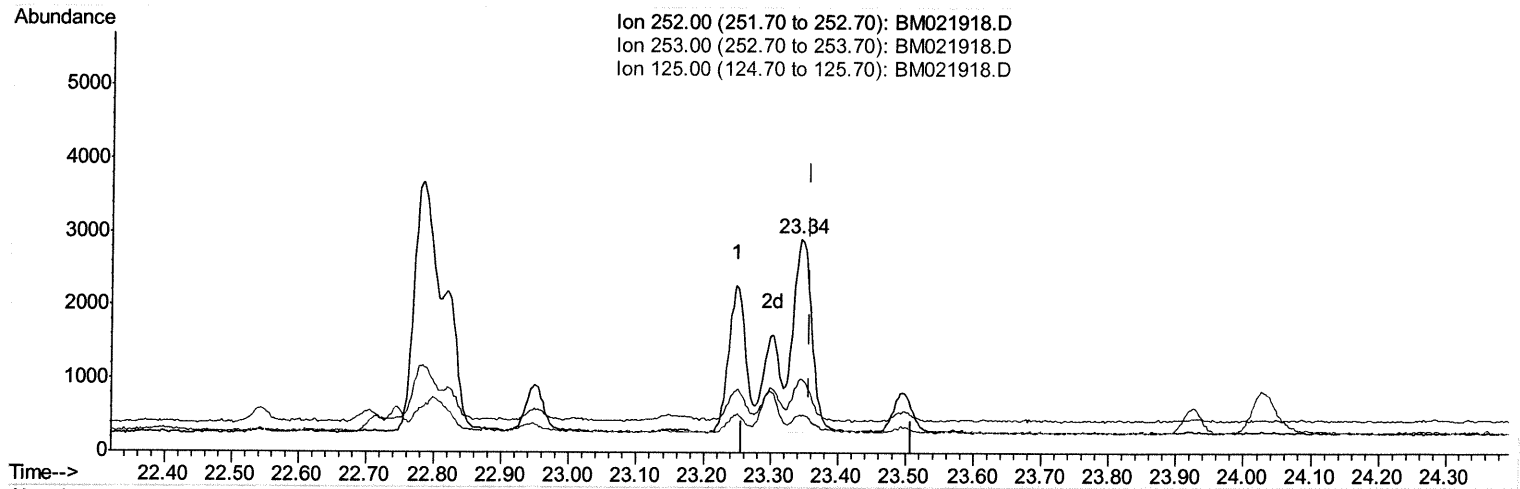
Data File : BM021918.D
Acq On : 08 Aug 2019 05:13
Operator : HP/JU
Sample : K4029-13
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY3

Manual Integrations
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mohammad
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Quant Time: Aug 08 07:06:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 08 06:54:24 2019
Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.343min (-0.015) 0.23ng/ul m *JU 08/08/19*

response 5055

Ion	Exp%	Act%
252.00	100	100
253.00	39.60	34.28
125.00	18.20	17.81
0.00	0.00	0.00

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

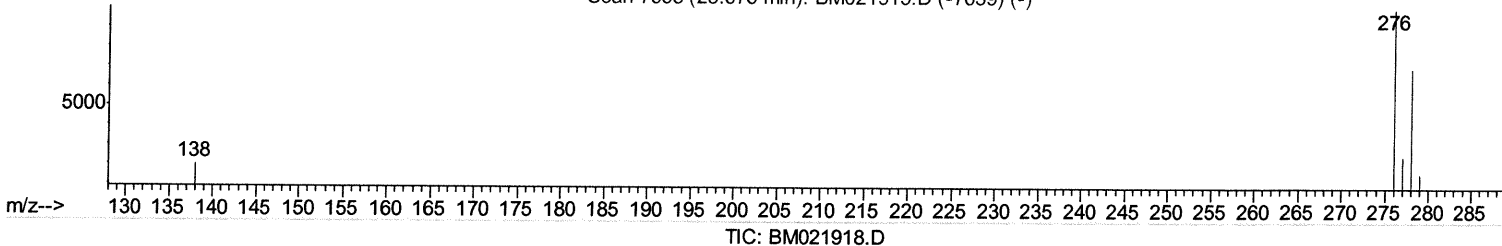
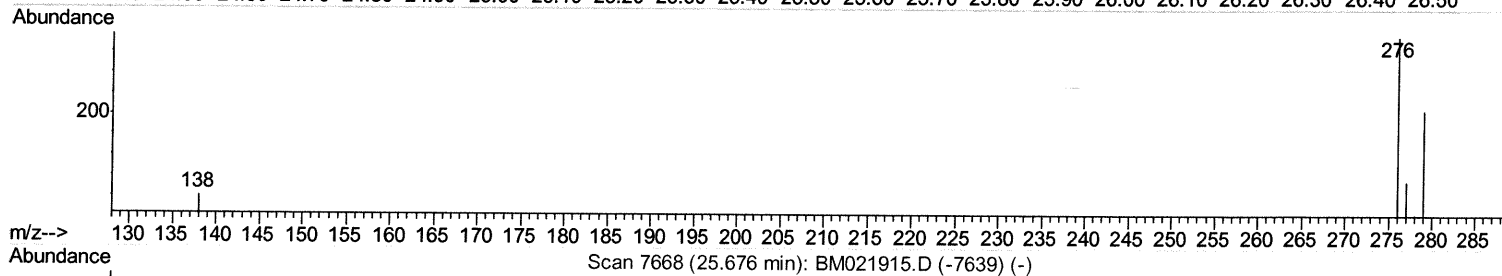
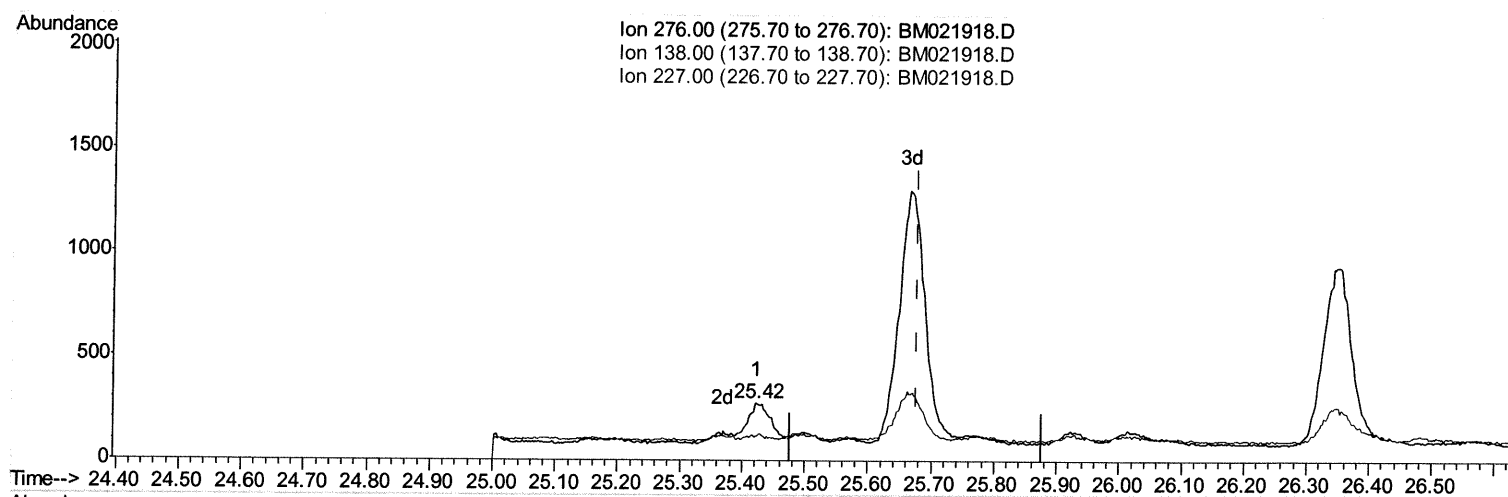
Data File : BM021918.D
Acq On : 08 Aug 2019 05:13
Operator : HP/JU
Sample : K4029-13
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY3

Manual Integrations
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Quant Time: Aug 08 07:06:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 08 06:54:24 2019
Response via : Initial Calibration



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

25.422min (-0.255) 0.02ng/ul

response 416

Ion	Exp%	Act%
276.00	100	100
138.00	18.90	6.73#
227.00	0.00	0.00
0.00	0.00	0.00

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

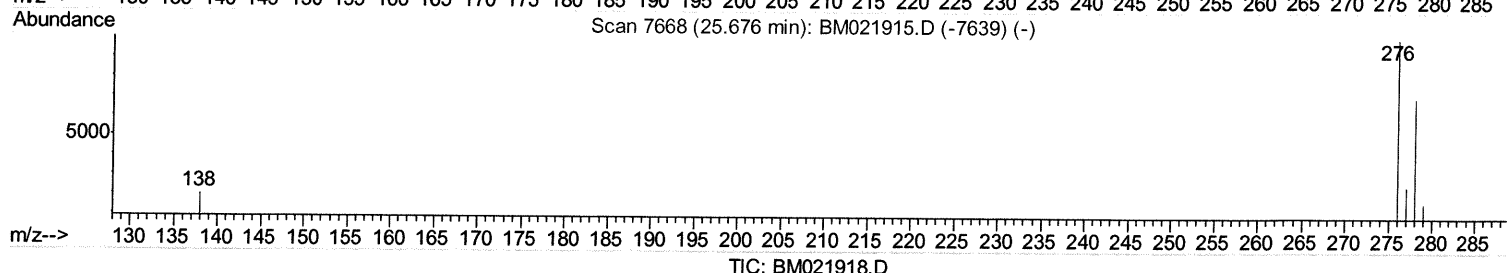
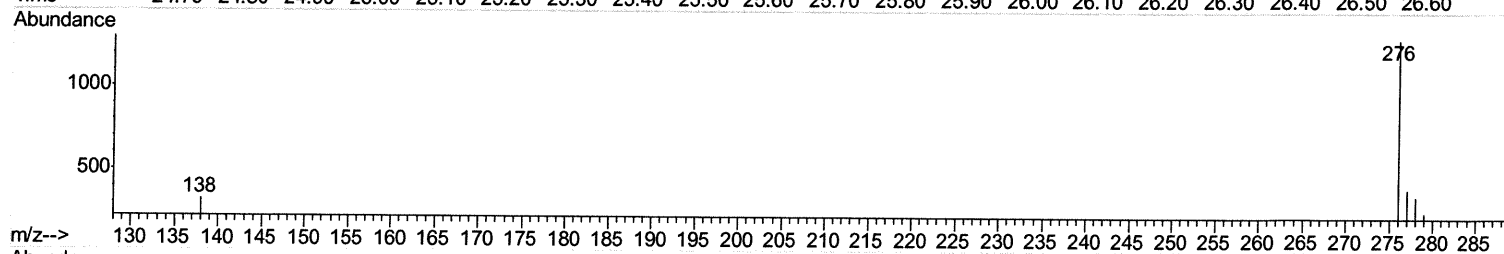
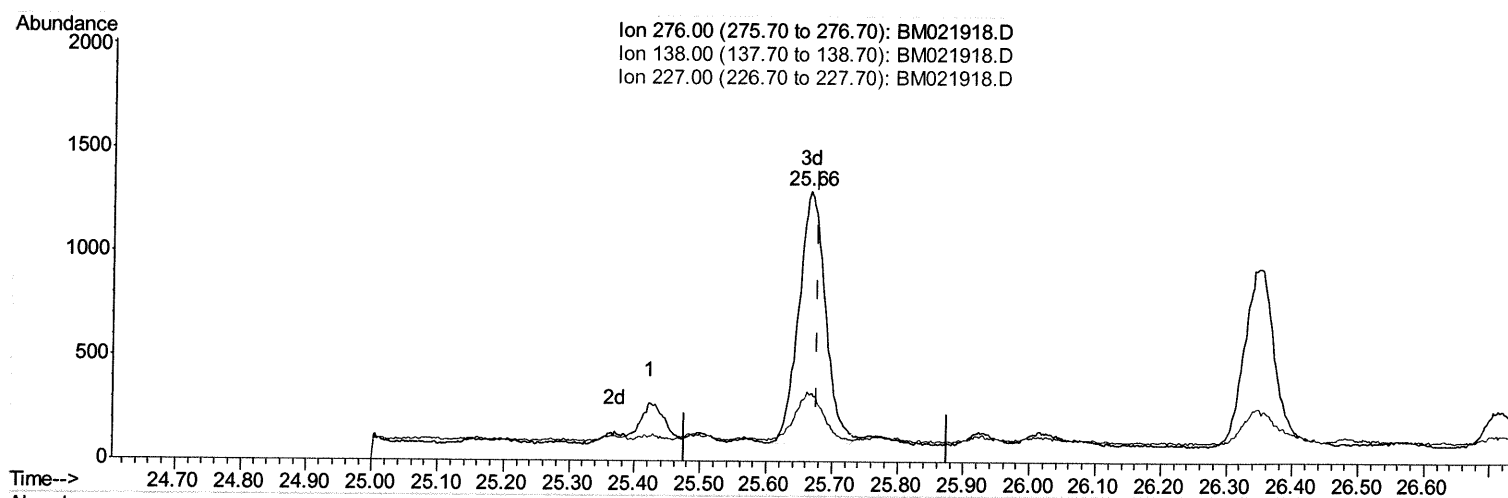
Data File : BM021918.D
Acq On : 08 Aug 2019 05:13
Operator : HP/JU
Sample : K4029-13
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY3

Manual Integrations
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8/9/2019 6:11:33 AM

Quant Time: Aug 08 07:06:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 08 06:54:24 2019
Response via : Initial Calibration



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

25.664min (-0.012) 0.13ng/ul m *JU 08/08/19*

response 3452

Ion	Exp%	Act%
276.00	100	100
138.00	18.90	0.81#
227.00	0.00	0.00
0.00	0.00	0.00

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

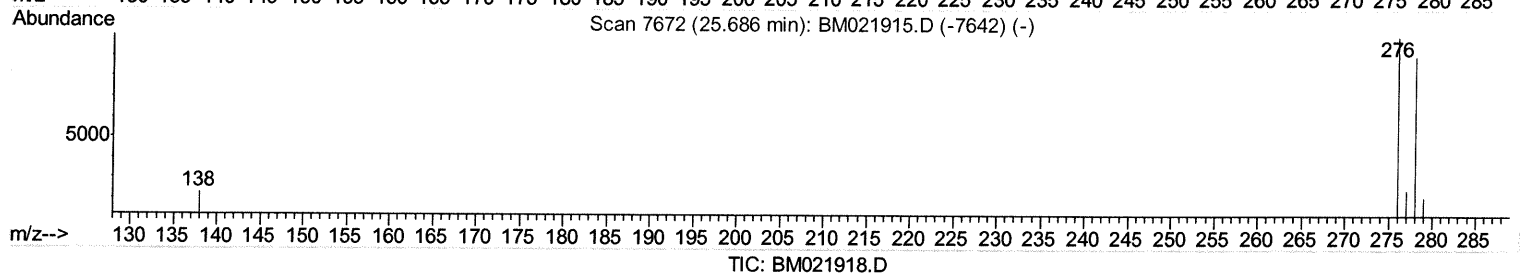
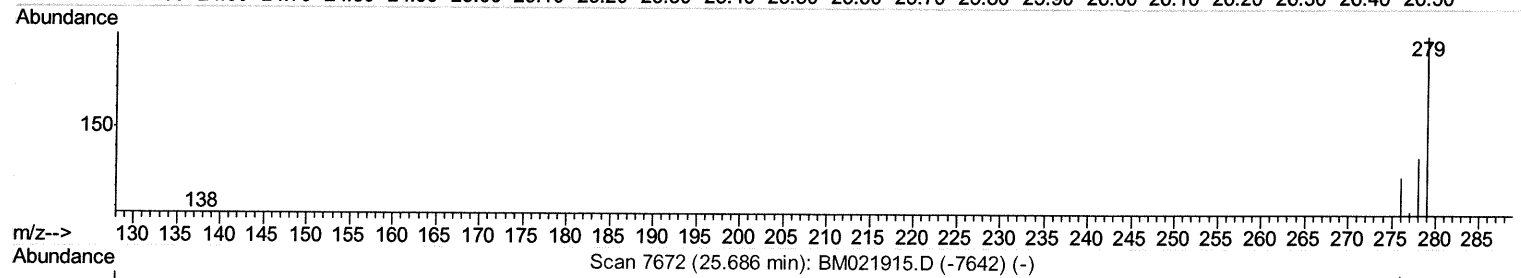
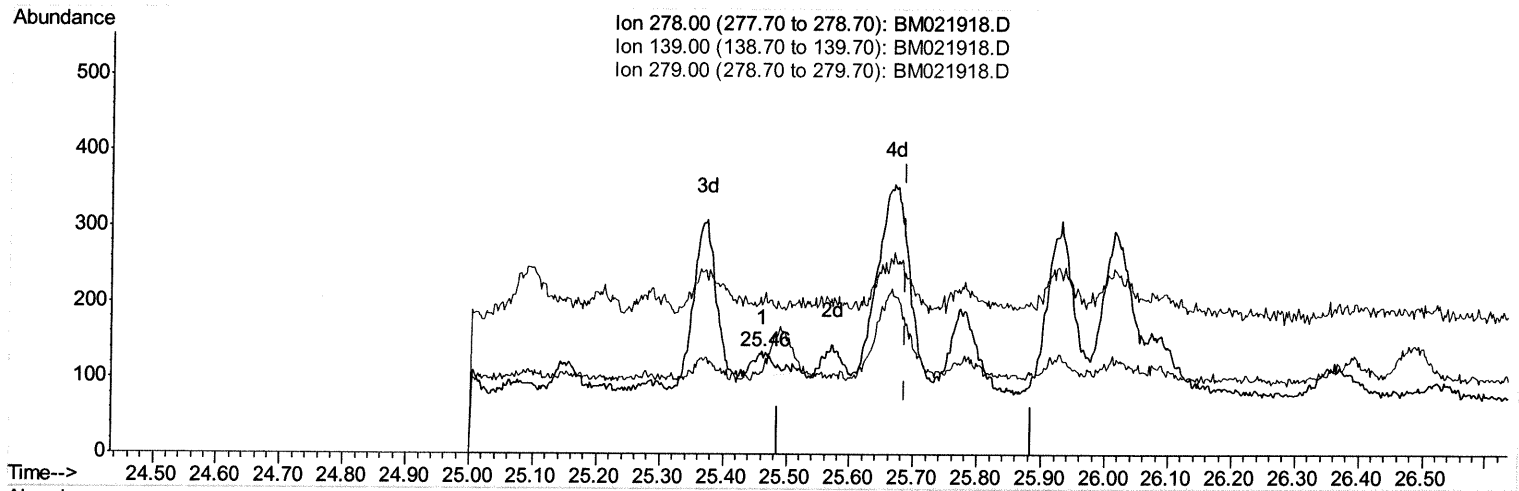
Data File : BM021918.D
Acq On : 08 Aug 2019 05:13
Operator : HP/JU
Sample : K4029-13
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY3

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:33 AM

Quant Time: Aug 08 07:06:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 08 06:54:24 2019
Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.461min (-0.225) 0.00ng/ul

response 76

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	78.68#
279.00	35.40	144.85#
0.00	0.00	0.00

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

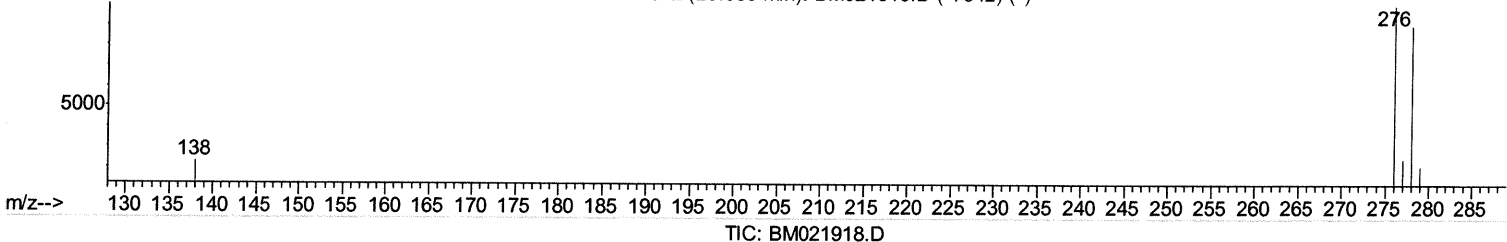
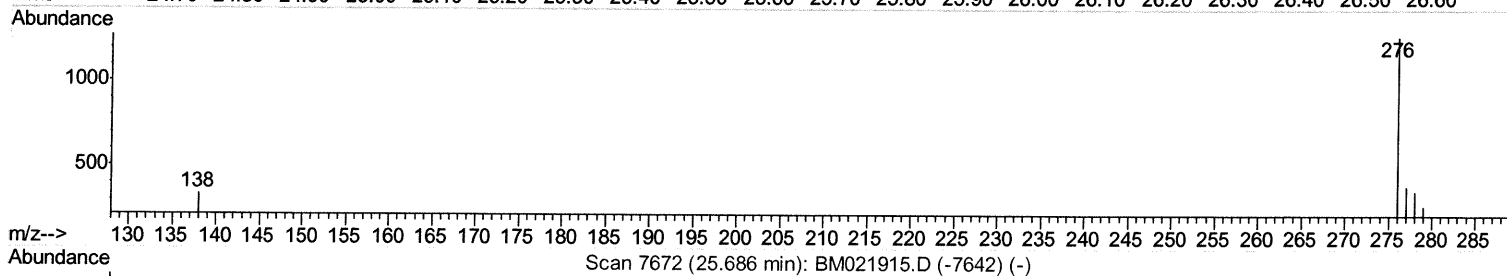
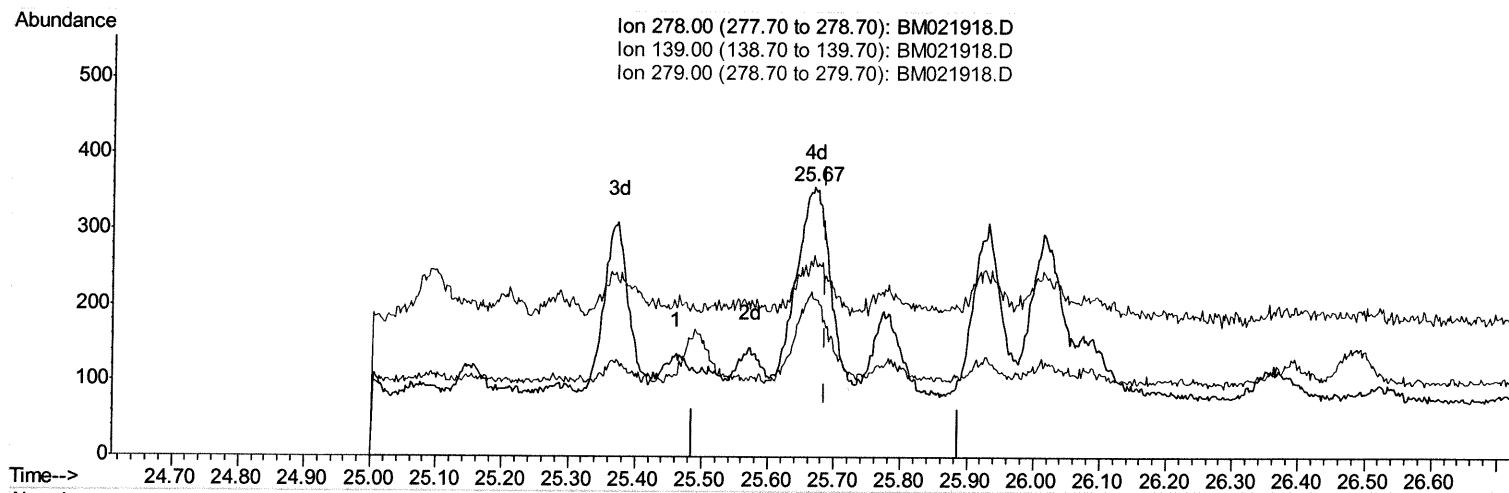
Data File : BM021918.D
Acq On : 08 Aug 2019 05:13
Operator : HP/JU
Sample : K4029-13
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BENY3

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:33 AM

Quant Time: Aug 08 07:06:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 08 06:54:24 2019
Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.669min (-0.017) 0.05ng/ul m *JU 08/08/19*

response 983

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	58.82#
279.00	35.40	74.79#
0.00	0.00	0.00

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

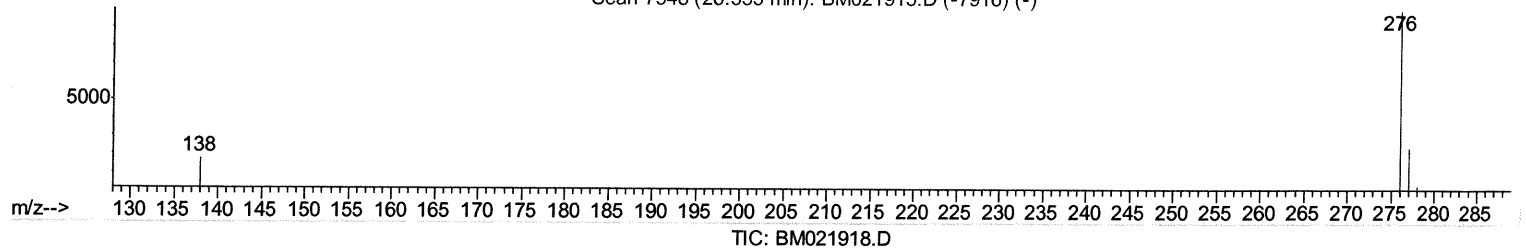
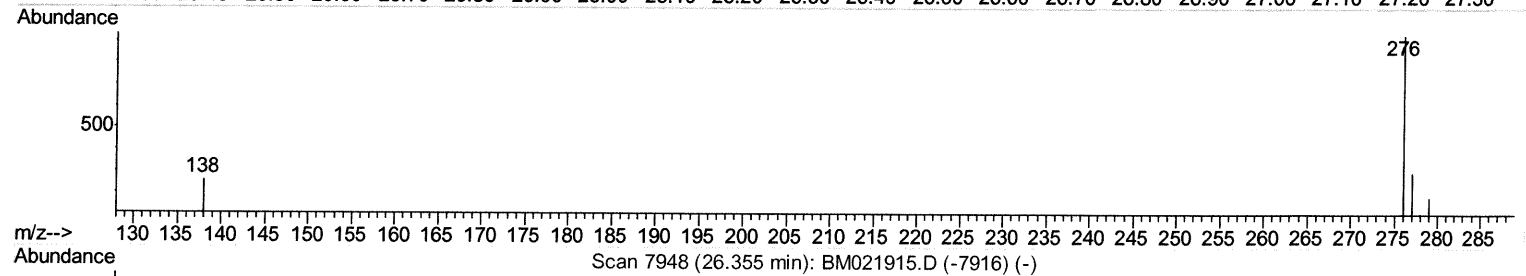
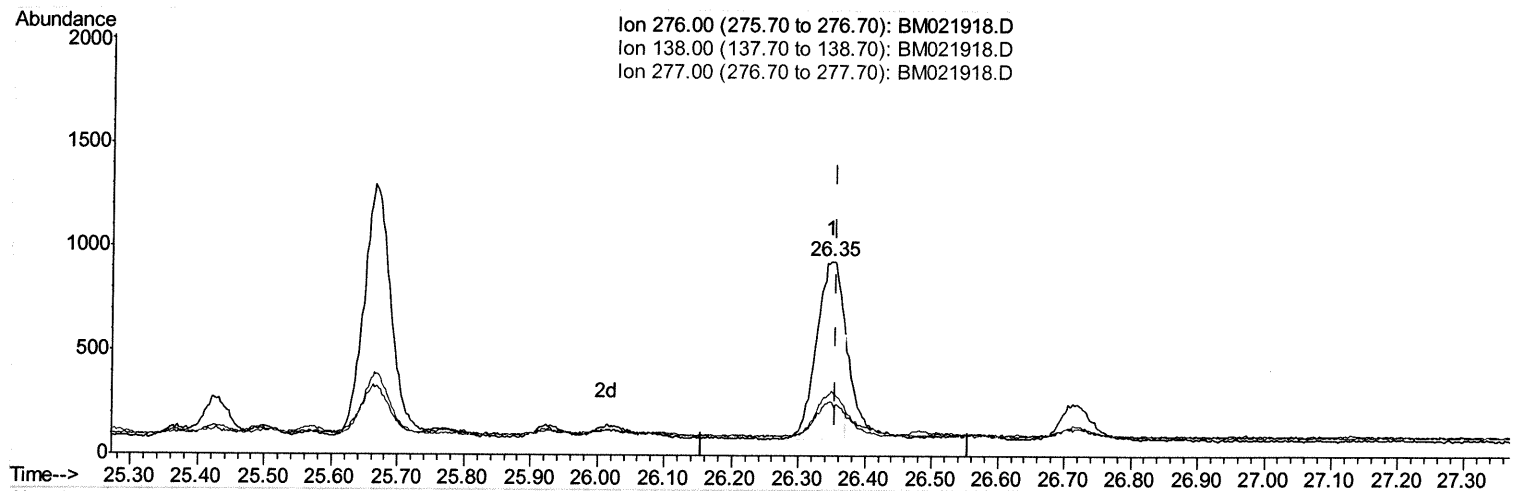
Data File : BM021918.D
Acq On : 08 Aug 2019 05:13
Operator : HP/JU
Sample : K4029-13
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY3

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:33 AM

Quant Time: Aug 08 07:06:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 08 06:54:24 2019
Response via : Initial Calibration



(26) Benzo(g,h,i)perylene
26.347min (-0.007) 0.09ng/ul

response 2288

Ion	Exp%	Act%
276.00	100	100
138.00	19.40	27.87#
277.00	26.80	32.05
0.00	0.00	0.00

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

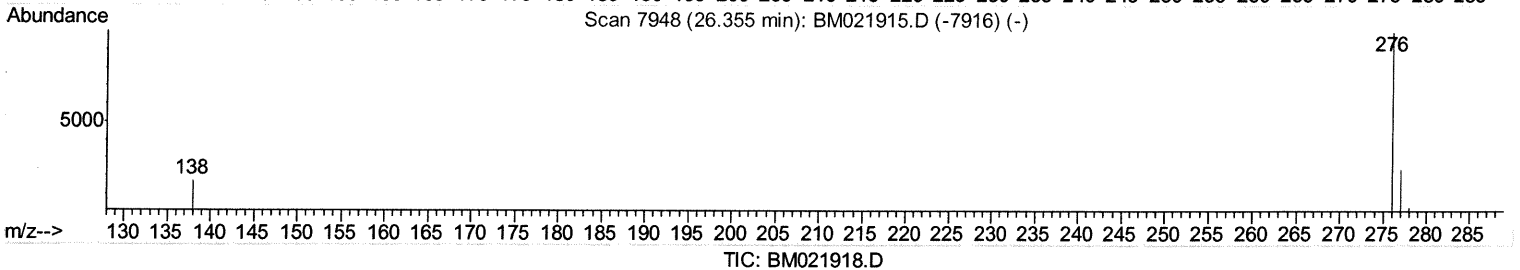
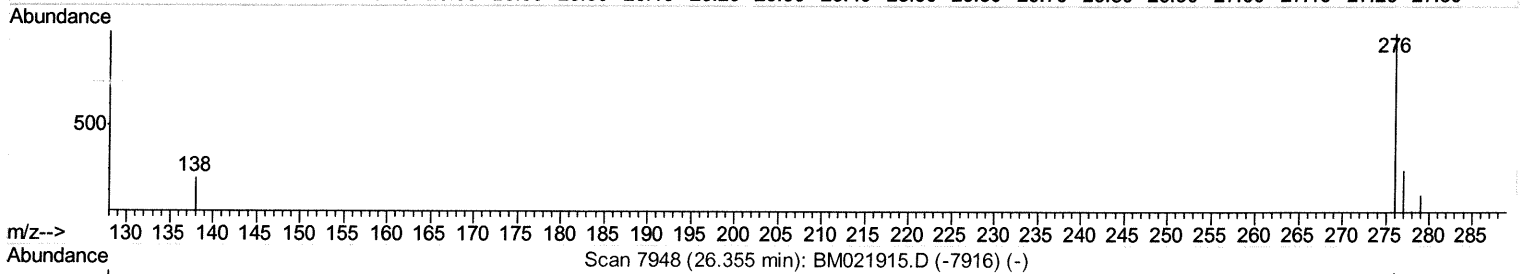
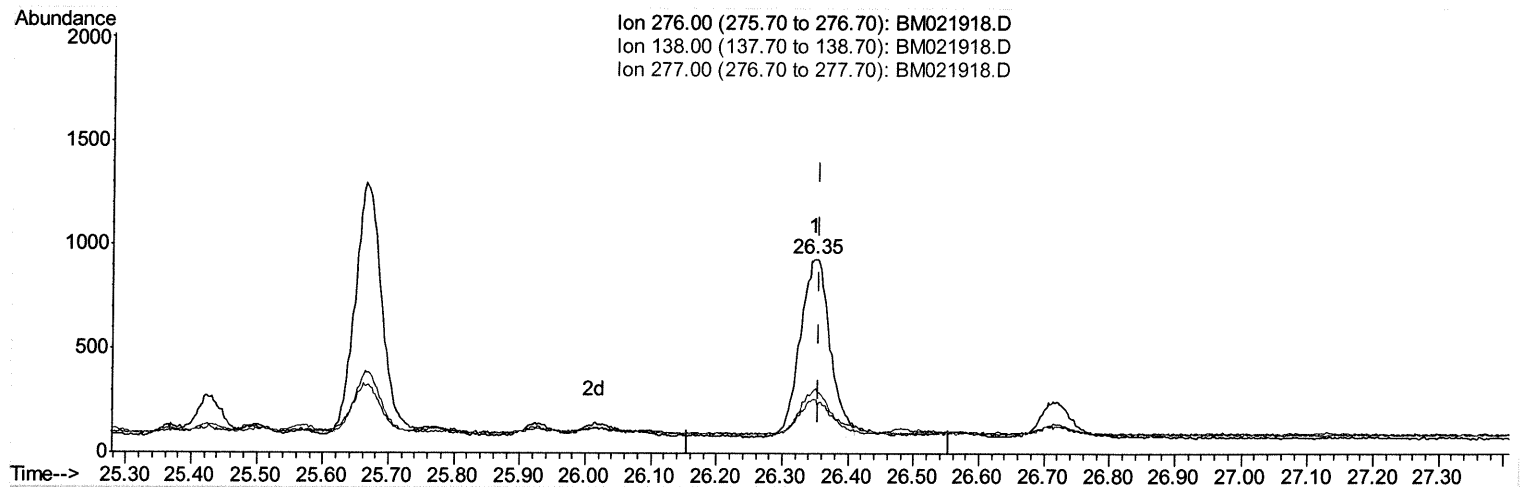
Data File : BM021918.D
Acq On : 08 Aug 2019 05:13
Operator : HP/JU
Sample : K4029-13
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BENY3

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:33 AM

Quant Time: Aug 08 07:06:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 08 06:54:24 2019
Response via : Initial Calibration



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

26.347min (-0.007) 0.11ng/ul m

JU 08/08/19

response 2730

Ion	Exp%	Act%
276.00	100	100
138.00	19.40	27.87#
277.00	26.80	32.05
0.00	0.00	0.00

Data File : BM021918.D

Acq On : 08 Aug 2019 05:13

Operator : HP/JU

Sample : K4029-13

Misc :

ALS Vial : 28 Sample Multiplier: 1

Quant Time: Aug 08 07:07:41 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

Instrument :

BNA_M

ClientSampleId :

BENY3

Manual Integrations

APPROVED

mohammad

8/9/2019 6:11:33 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1004	0.40	ng/ul	0.00
2) Naphthalene-d8	10.40	136	4602	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	2653	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	6162m)	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	5752m)	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	6545m)	0.40	ng/ul	0.00

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.01	152	2433	0.32	ng/ul	-0.02
14) Fluoranthene-d10	19.06	212	6546m)	0.32	ng/ul	-0.02

Target Compounds

						Qvalue
7) Acenaphthylene	14.00	152	582	0.047	ng/ul#	73
12) Phenanthrene	17.07	178	4351	0.243	ng/ul	98
13) Anthracene	17.16	178	1155m)	0.076	ng/ul	
15) Fluoranthene	19.10	202	9632m)	0.401	ng/ul	
17) Pyrene	19.46	202	8528m)	0.361	ng/ul	
18) Benzo(a)anthracene	21.22	228	5024	0.244	ng/ul	96
19) Chrysene	21.27	228	6029m)	0.228	ng/ul	
21) Benzo(b)fluoranthene	22.78	252	7546m)	0.342	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	3090m)	0.124	ng/ul	
23) Benzo(a)pyrene	23.34	252	5055m)	0.225	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.66	276	3452m)	0.129	ng/ul	
25) Dibenzo(a,h)anthracene	25.67	278	983m)	0.045	ng/ul	
26) Benzo(g,h,i)perylene	26.35	276	2730m)	0.113	ng/ul	

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