

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

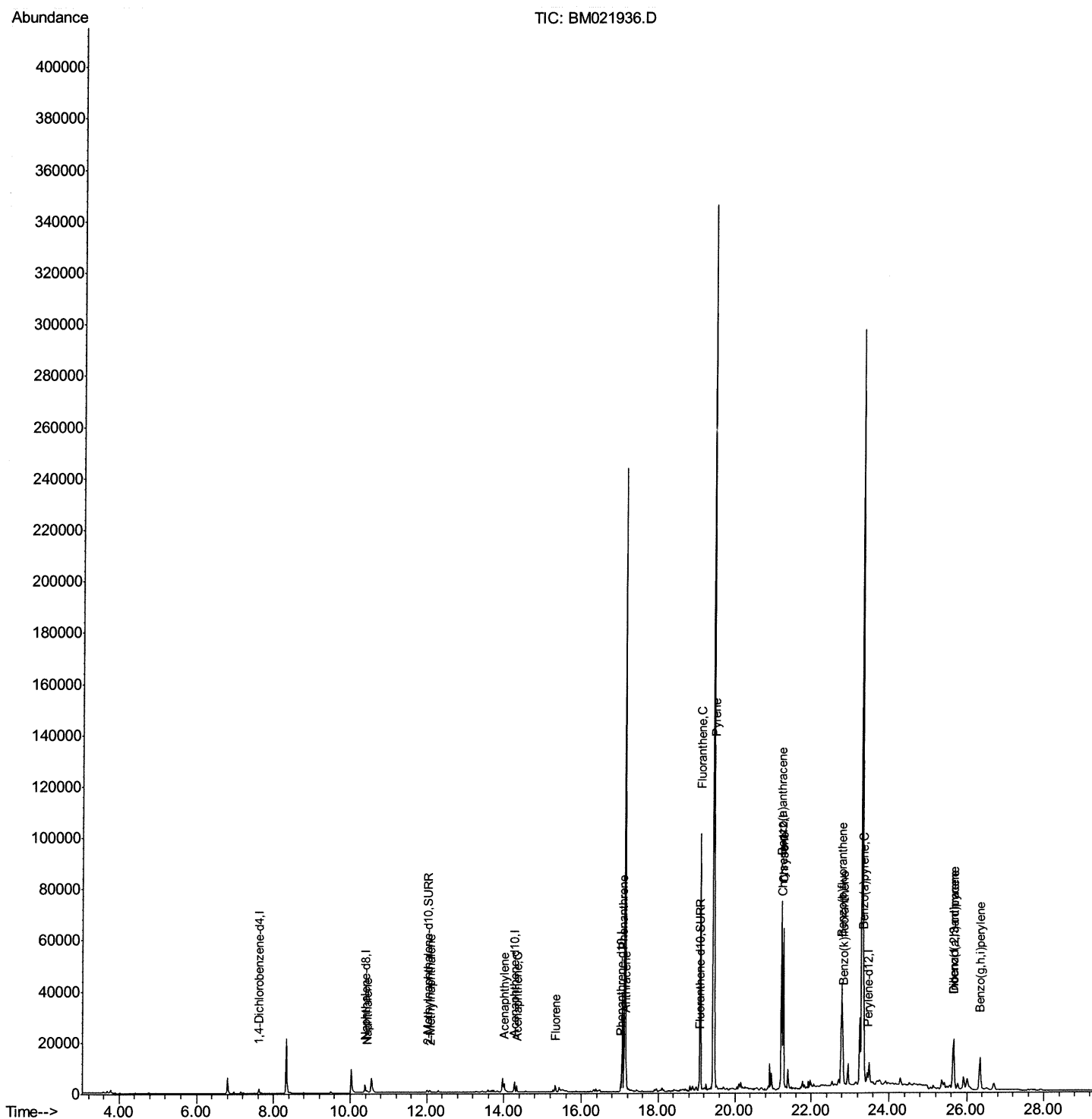
Data File : BM021936.D
Acq On : 08 Aug 2019 16:53
Operator : HP/JU
Sample : K4029-20
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENT9

Manual Integrations
APPROVED

mohammad
8/9/2019 6:13:06 AM

Quant Time: Aug 09 01:25:46 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 : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



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

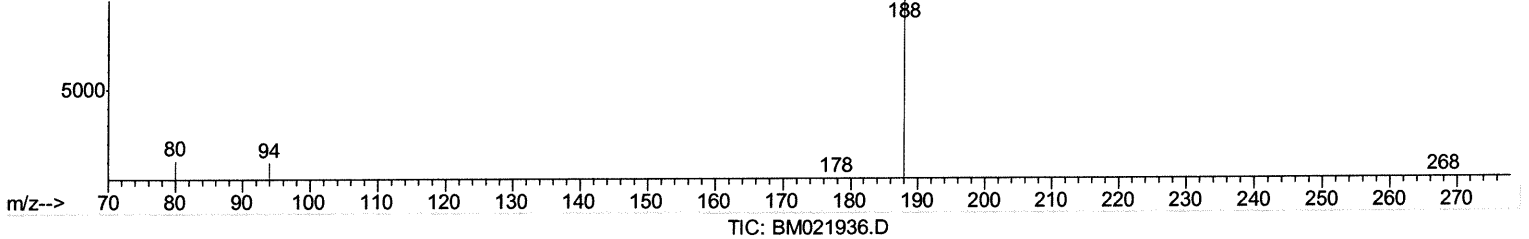
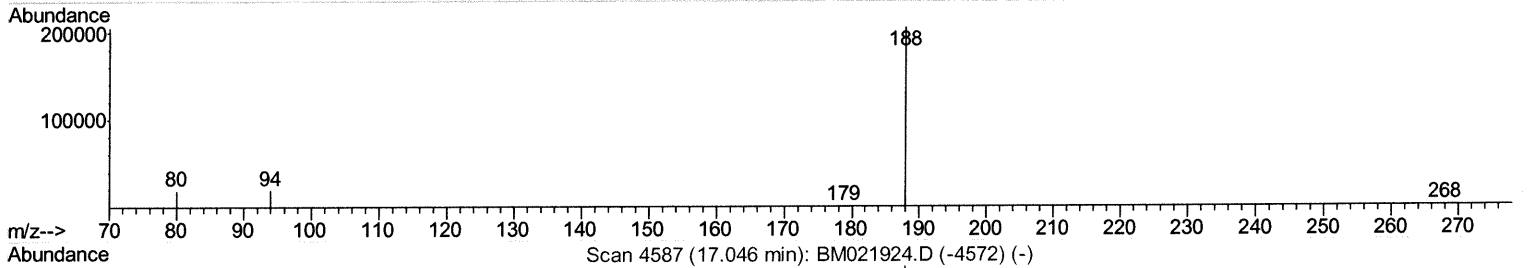
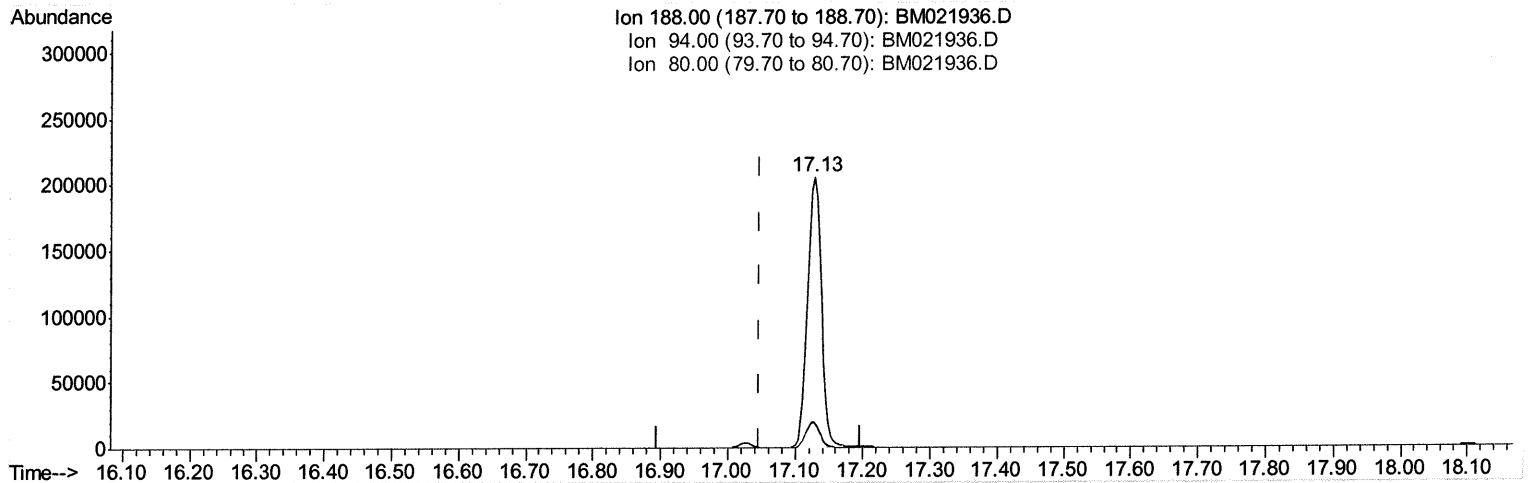
Data File : BM021936.D
Acq On : 08 Aug 2019 16:53
Operator : HP/JU
Sample : K4029-20
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENT9

Manual Integrations
APPROVED

mohammad
8/9/2019 6:13:06 AM

Quant Time: Aug 09 01:00:06 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 : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.128min (+0.082) 0.40ng/ul

response 289001

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	9.47
80.00	11.40	8.97#
0.00	0.00	0.00

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

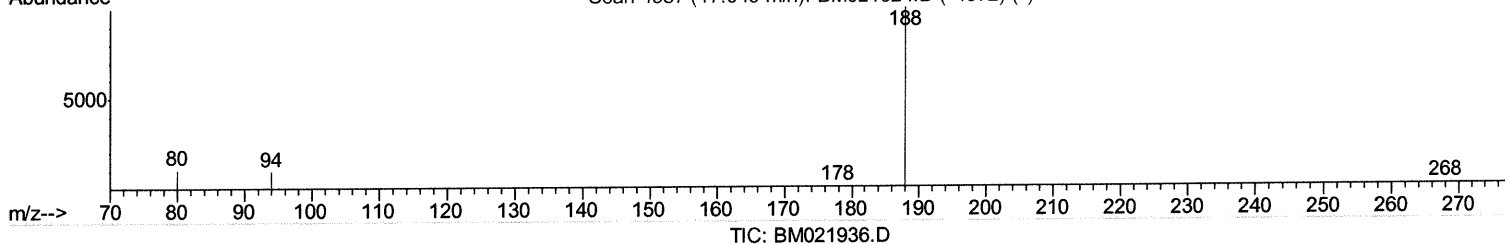
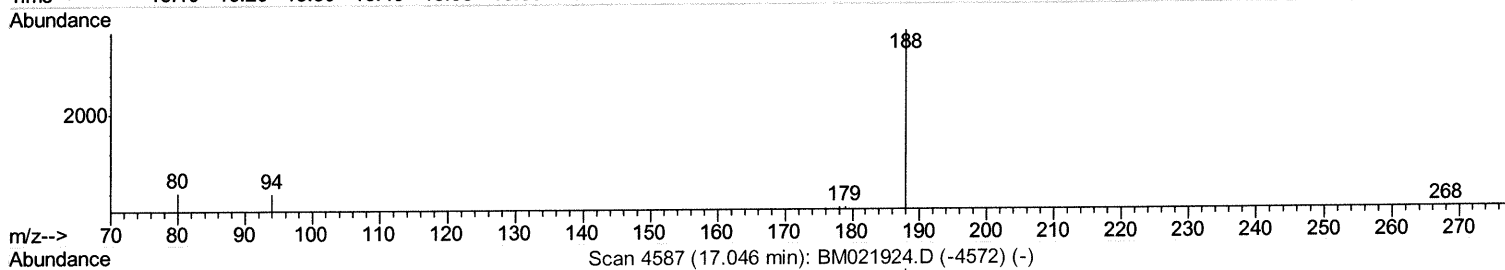
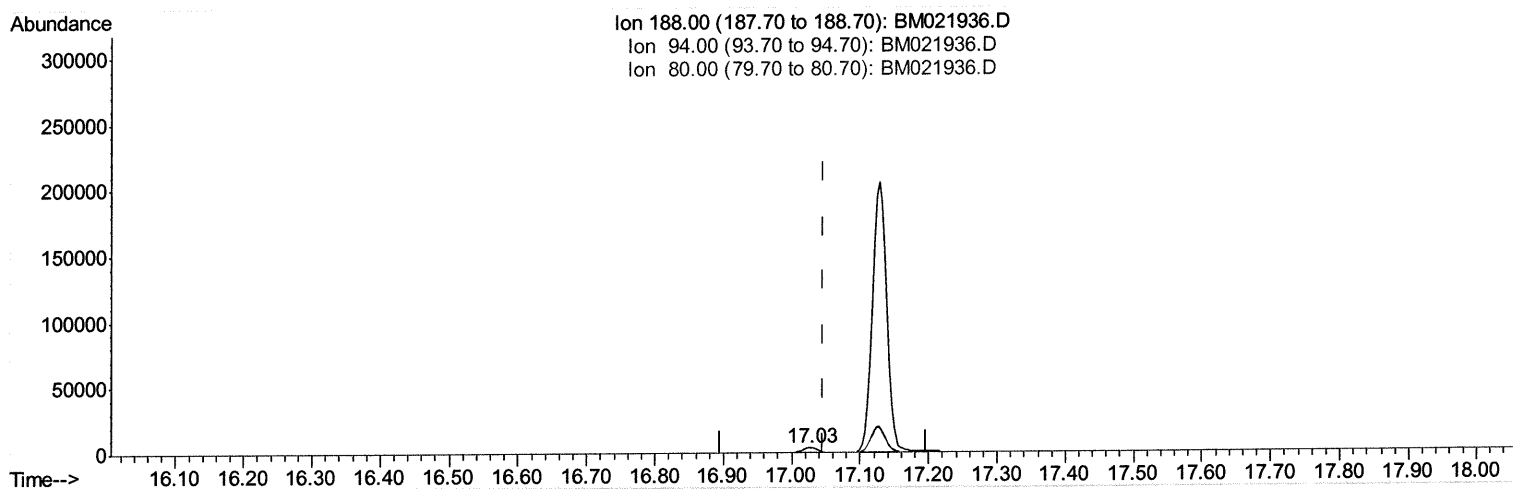
Data File : BM021936.D
Acq On : 08 Aug 2019 16:53
Operator : HP/JU
Sample : K4029-20
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENT9

Manual Integrations
APPROVED

mohammad
8/9/2019 6:13:06 AM

Quant Time: Aug 09 01:00:06 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 : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.027min (-0.019) 0.40ng/ul m

Ju
08/09/19

response 5050

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	10.88
80.00	11.40	11.76
0.00	0.00	0.00

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

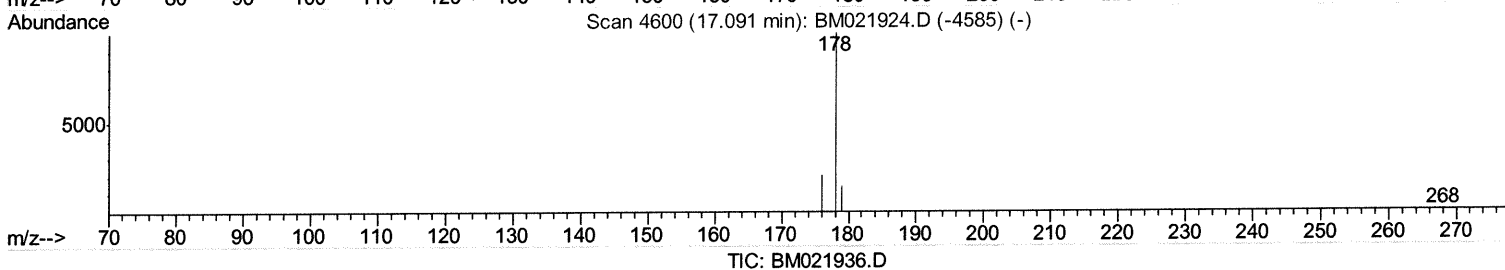
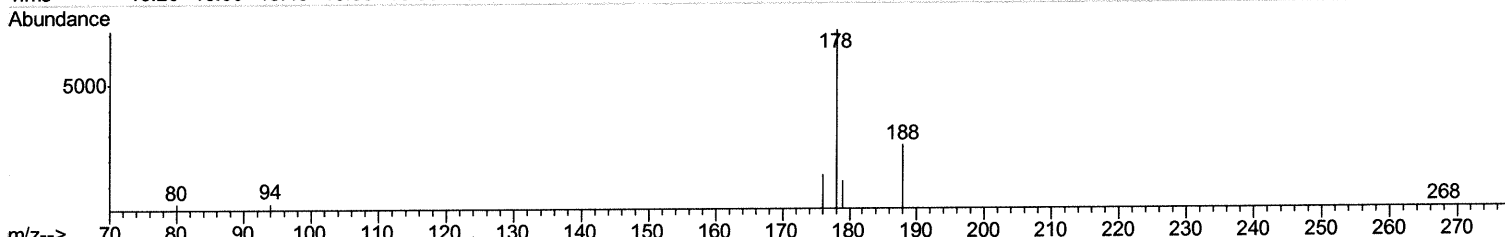
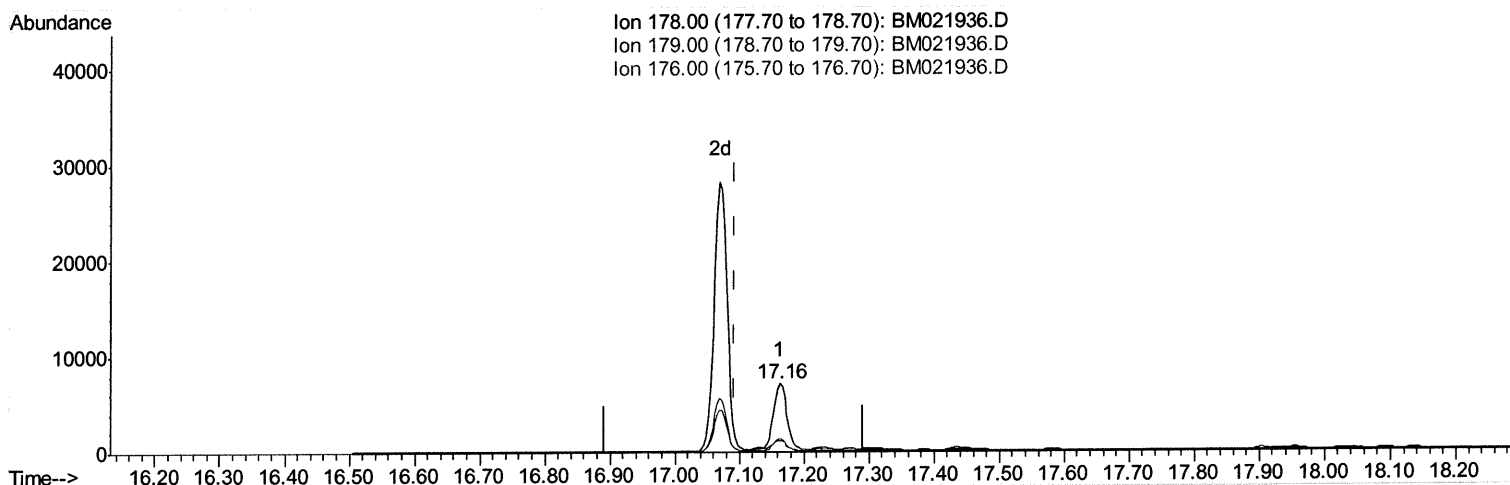
Data File : BM021936.D
Acq On : 08 Aug 2019 16:53
Operator : HP/JU
Sample : K4029-20
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENT9

Manual Integrations
APPROVED

mohammad
8/9/2019 6:13:06 AM

Quant Time: Aug 09 01:21:25 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 : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



(12) Phenanthrene

17.163min (+0.071) 0.73ng/ul

response 10662

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	16.67
176.00	21.00	19.84
0.00	0.00	0.00

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

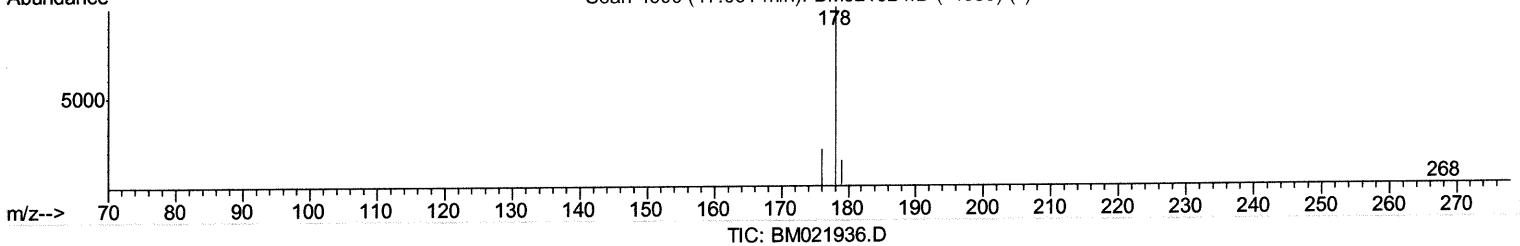
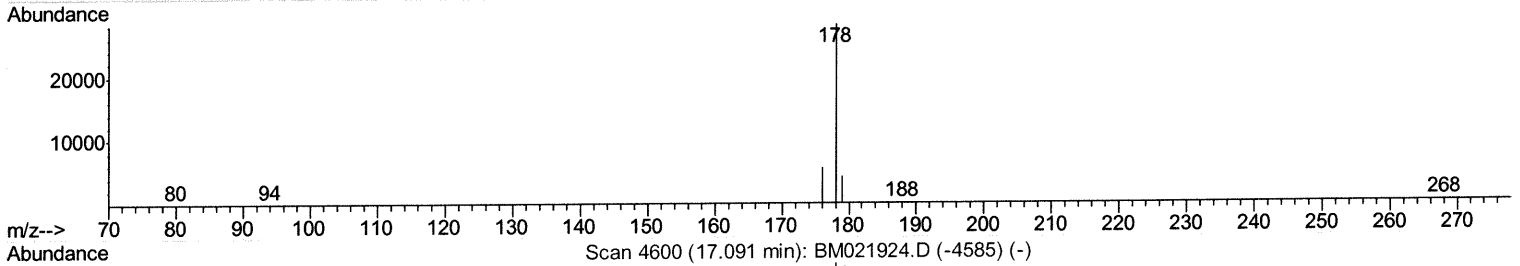
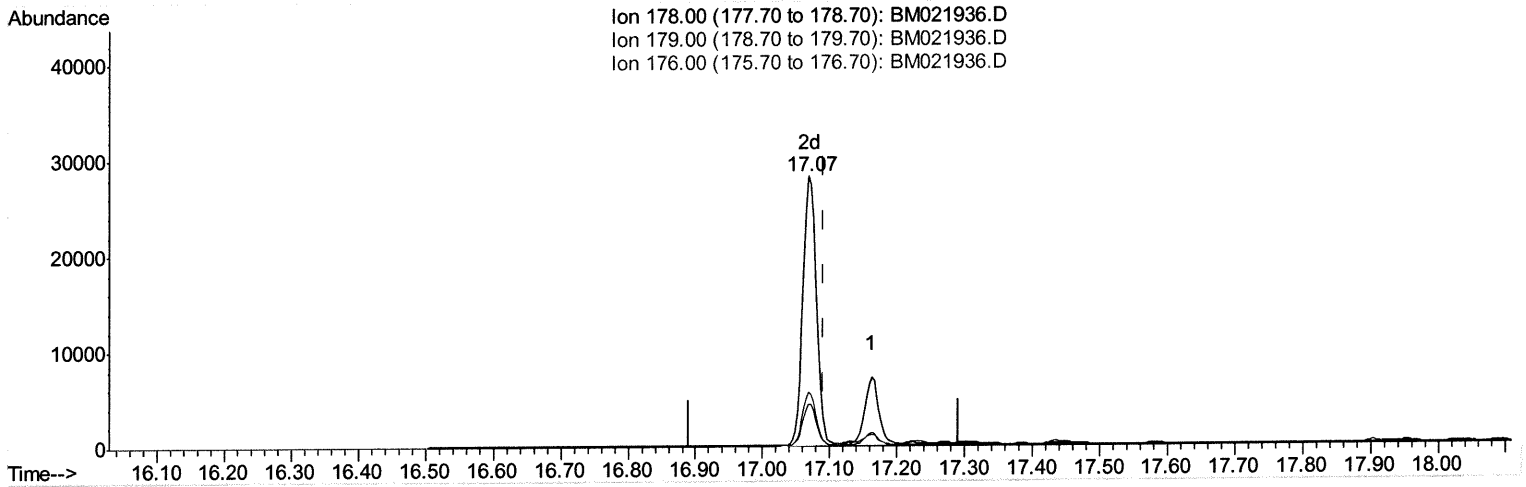
Data File : BM021936.D
Acq On : 08 Aug 2019 16:53
Operator : HP/JU
Sample : K4029-20
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENT9

Manual Integrations
APPROVED

mohammad
8/9/2019 6:13:06 AM

Quant Time: Aug 09 01:21:25 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 : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



(12) Phenanthrene

17.069min (-0.023) 2.66ng/ul m

JU
08/09/19

response 39060

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	15.51
176.00	21.00	19.85
0.00	0.00	0.00

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

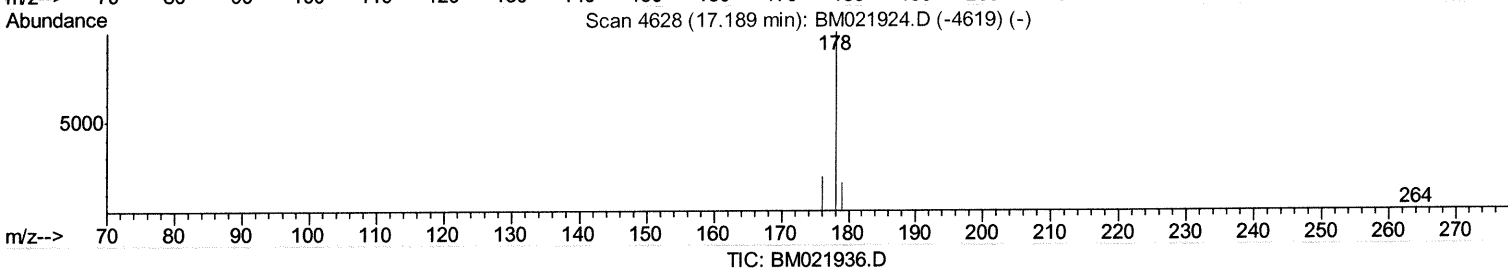
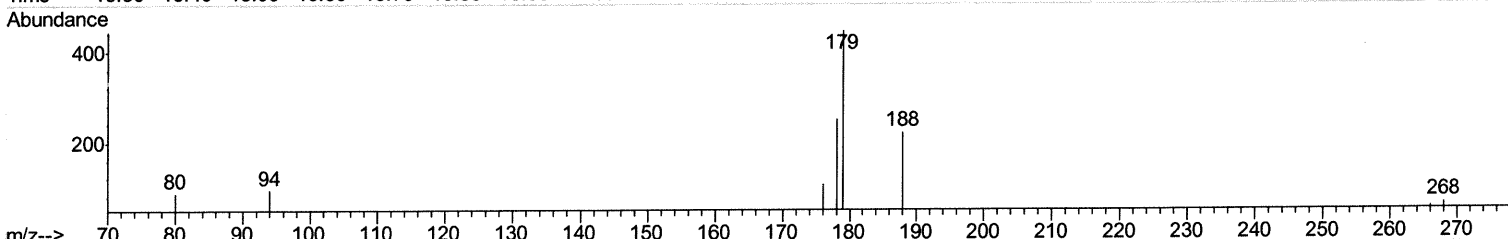
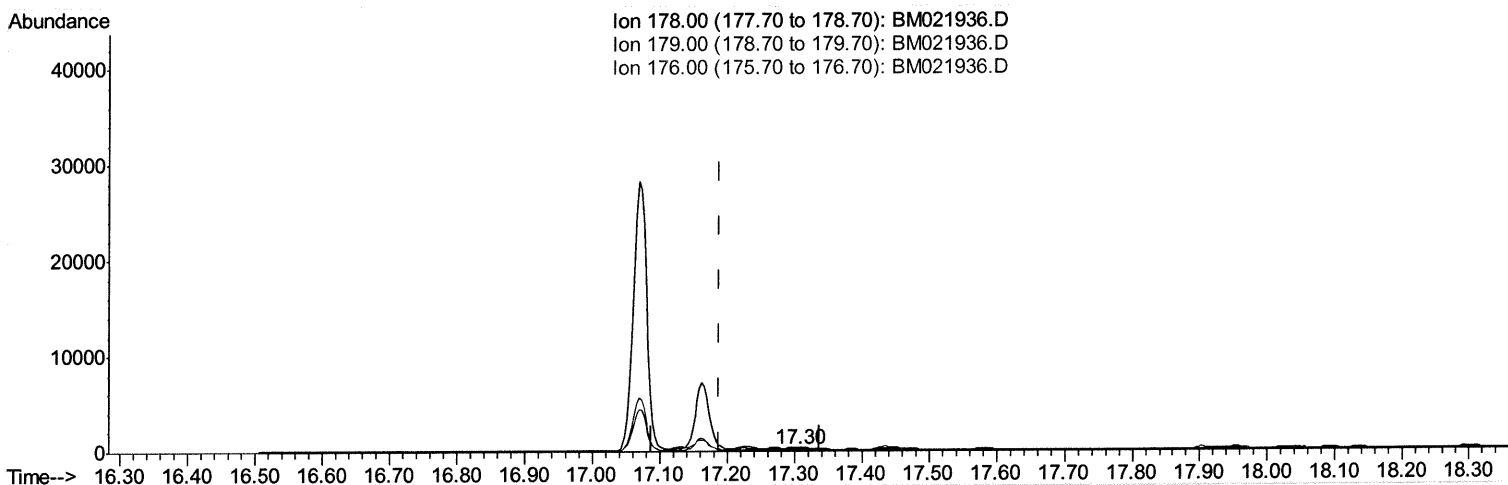
Data File : BM021936.D
Acq On : 08 Aug 2019 16:53
Operator : HP/JU
Sample : K4029-20
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENT9

Manual Integrations
APPROVED

mohammad
8/9/2019 6:13:06 AM

Quant Time: Aug 09 01:21:25 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 : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



(13) Anthracene

17.305min (+0.116) 0.02ng/ul

response 305

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	177.29#
176.00	20.80	43.03#
0.00	0.00	0.00

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

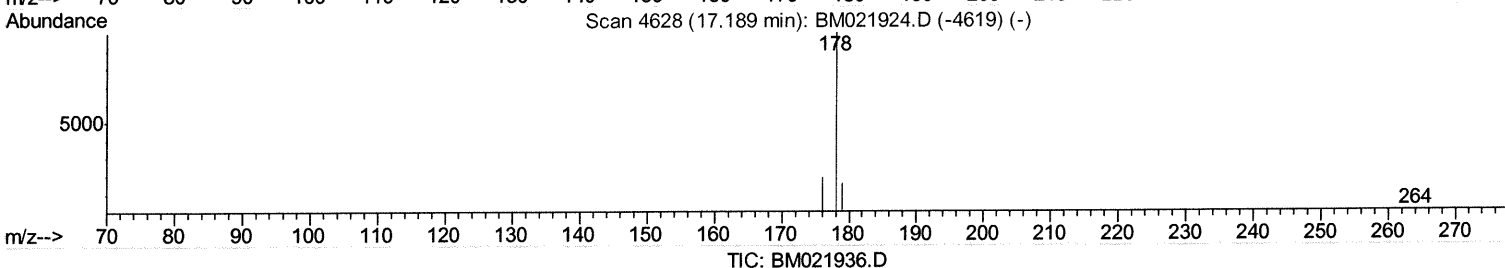
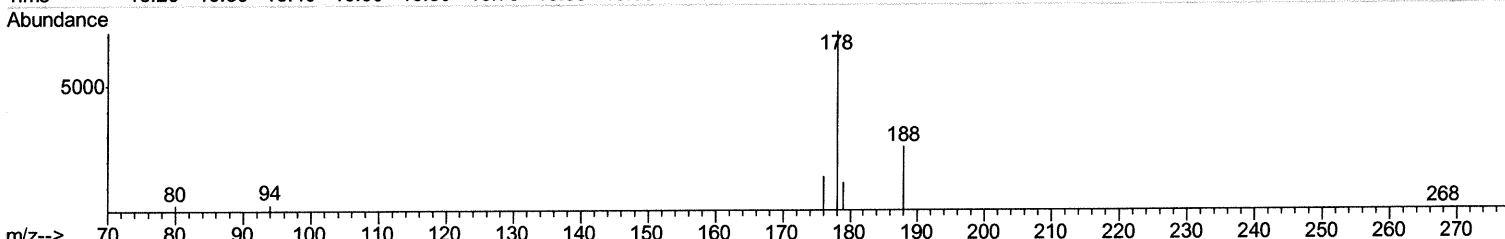
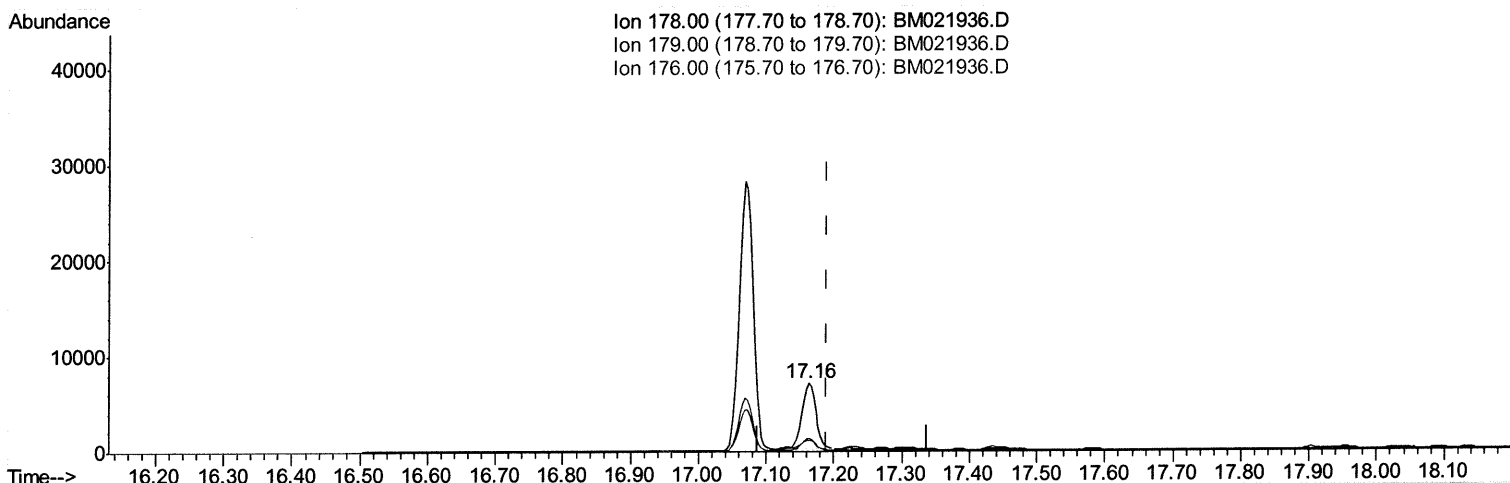
Data File : BM021936.D
Acq On : 08 Aug 2019 16:53
Operator : HP/JU
Sample : K4029-20
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENT9

Manual Integrations
APPROVED

mohammad
8/9/2019 6:13:06 AM

Quant Time: Aug 09 01:21:25 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 : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



(13) Anthracene

17.163min (-0.026) 0.80ng/ul m

JU
08/09/19

response 9975

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	16.67
176.00	20.80	19.84
0.00	0.00	0.00

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

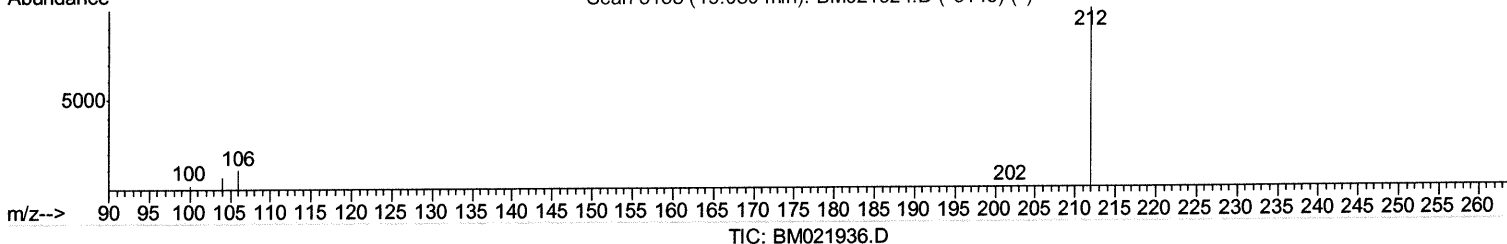
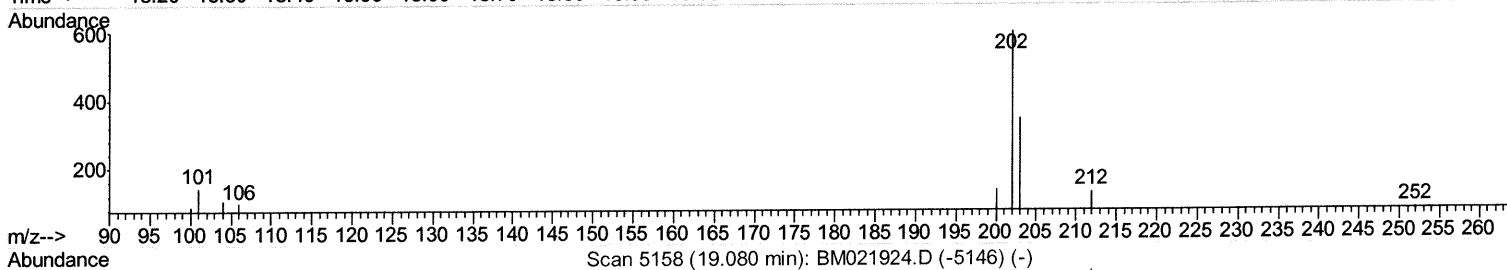
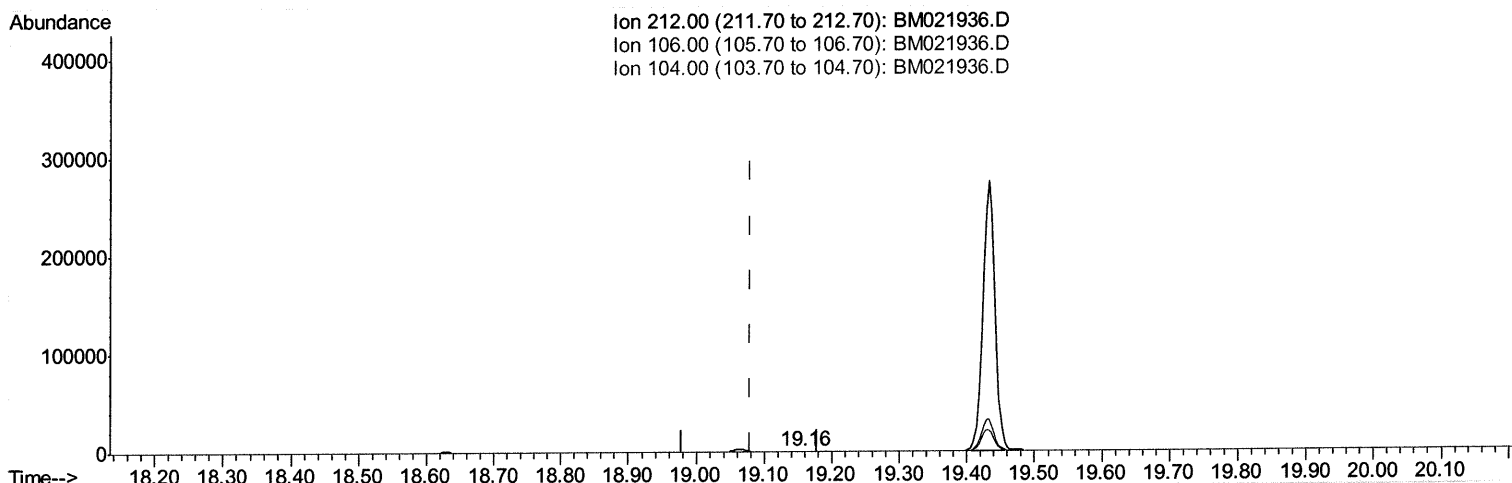
Data File : BM021936.D
Acq On : 08 Aug 2019 16:53
Operator : HP/JU
Sample : K4029-20
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENT9

Manual Integrations
APPROVED

mohammad
8/9/2019 6:13:06 AM

Quant Time: Aug 09 01:21:25 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 : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.158min (+0.078) 0.01ng/ul

response 90

Ion	Exp%	Act%
212.00	100	100
106.00	9.90	0.00#
104.00	6.00	38.89#
0.00	0.00	0.00

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

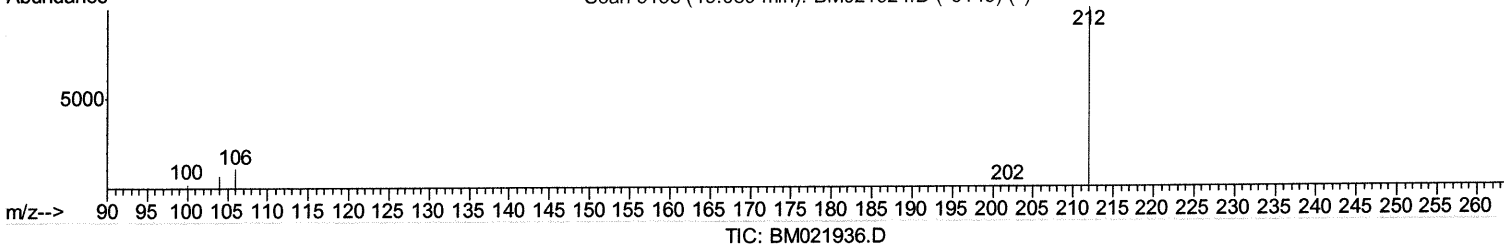
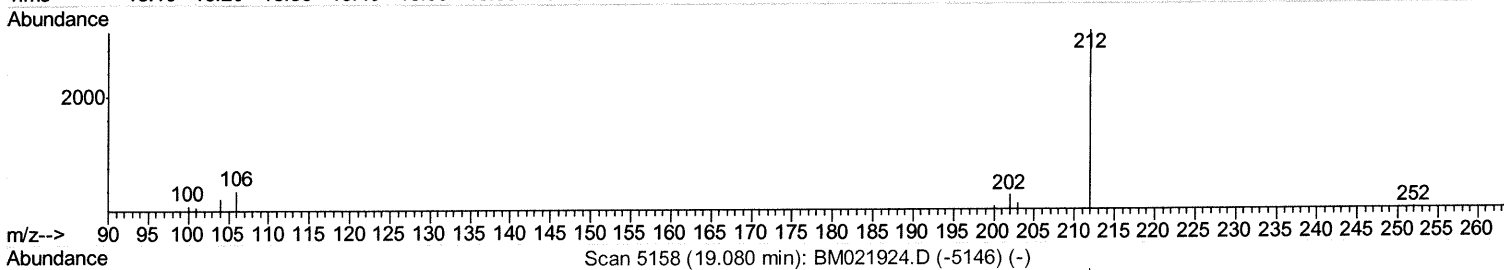
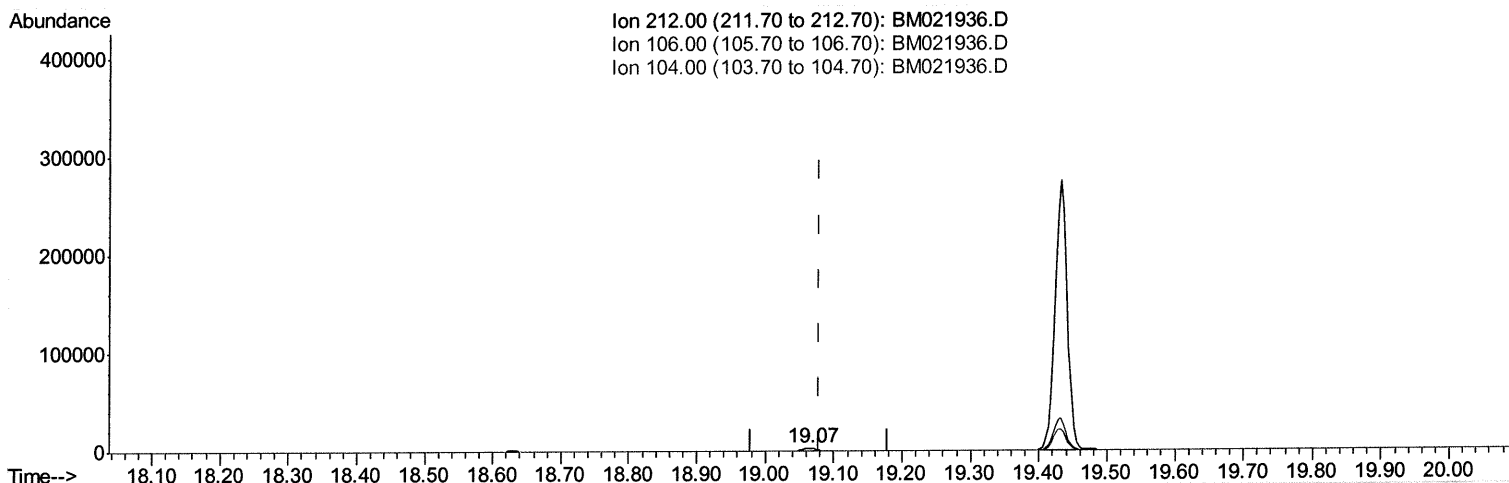
Data File : BM021936.D
Acq On : 08 Aug 2019 16:53
Operator : HP/JU
Sample : K4029-20
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENT9

Manual Integrations
APPROVED

mohammad
8/9/2019 6:13:06 AM

Quant Time: Aug 09 01:21:25 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 : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.066min (-0.013) 0.25ng/ul m

JU
08/09/19

response 4248

Ion	Exp%	Act%
212.00	100	100
106.00	9.90	0.00#
104.00	6.00	0.82#
0.00	0.00	0.00

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

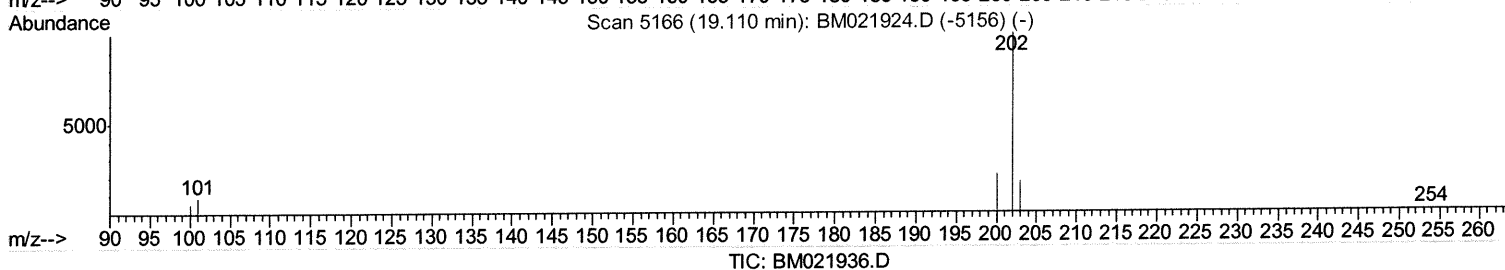
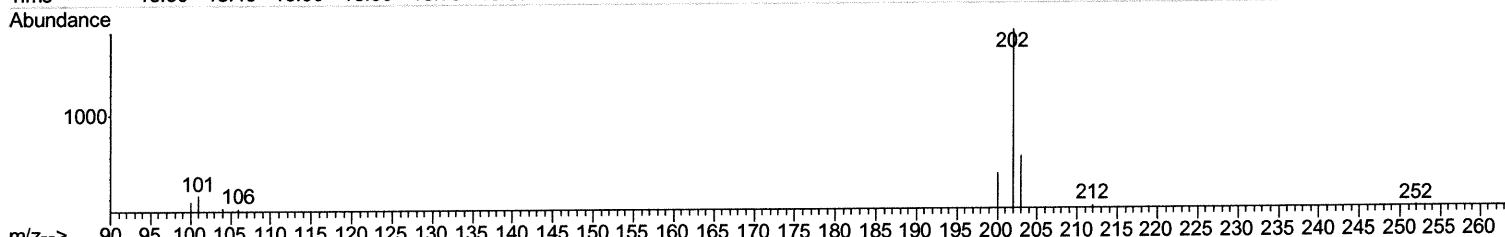
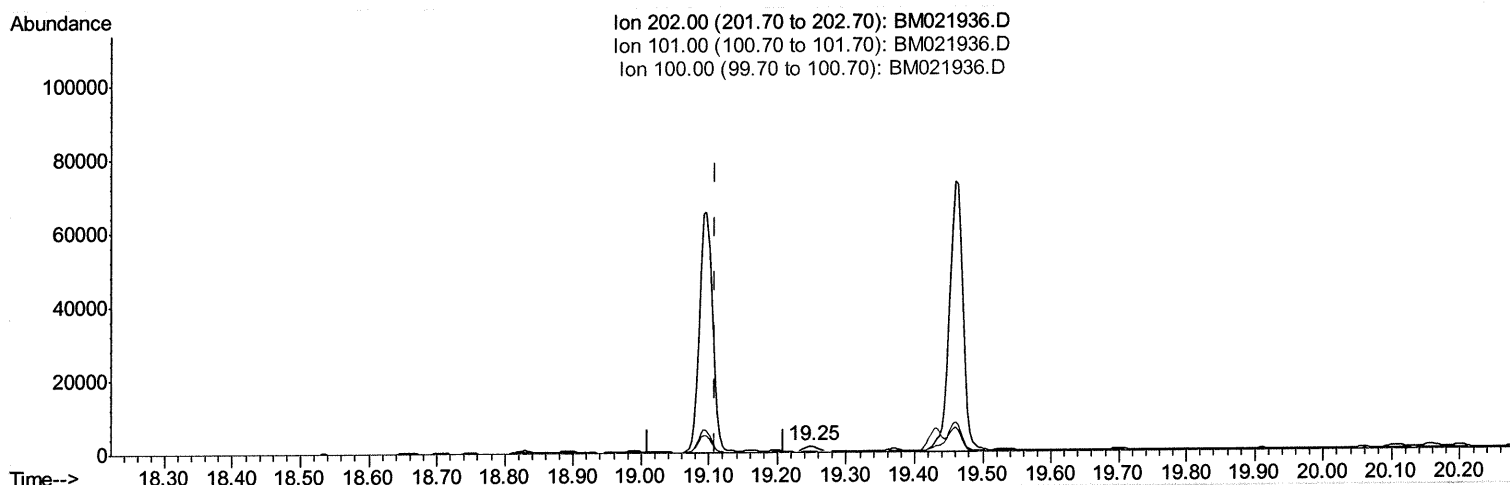
Data File : BM021936.D
Acq On : 08 Aug 2019 16:53
Operator : HP/JU
Sample : K4029-20
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENT9

Manual Integrations
APPROVED

mohammad
8/9/2019 6:13:06 AM

Quant Time: Aug 09 01:21:25 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 : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



(15) Fluoranthene (C)

19.249min (+0.139) 0.10ng/ul

response 2029

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	12.62
100.00	8.10	9.70
0.00	0.00	0.00

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

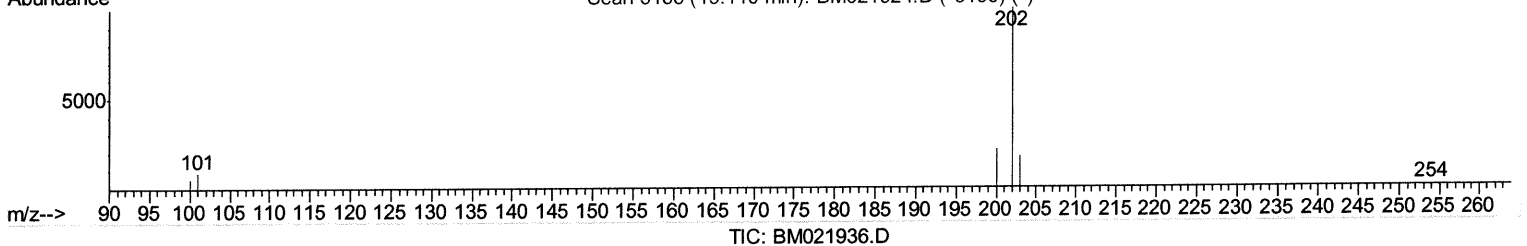
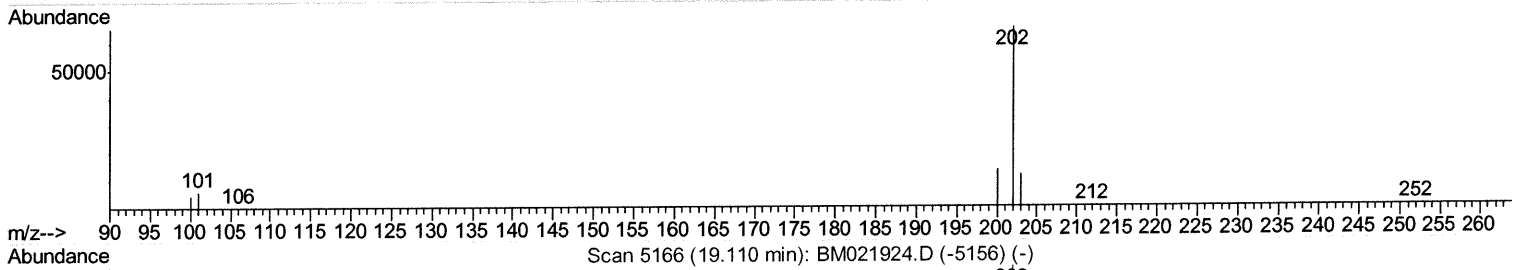
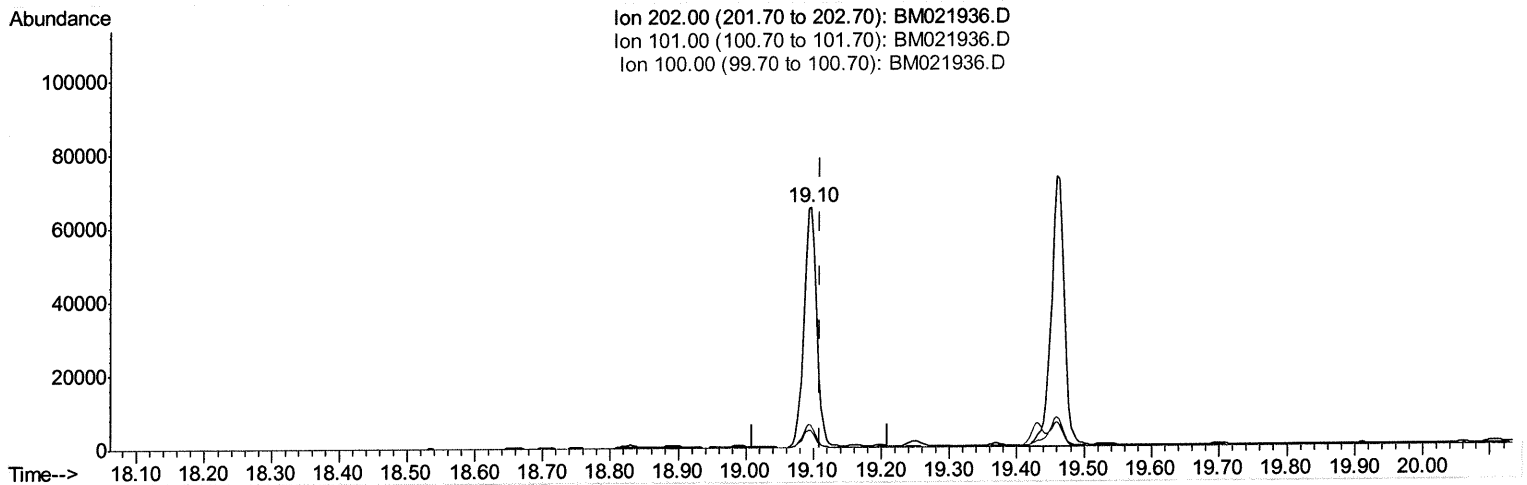
Data File : BM021936.D
Acq On : 08 Aug 2019 16:53
Operator : HP/JU
Sample : K4029-20
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BENT9

Manual Integrations
APPROVED

mohammad
8/9/2019 6:13:06 AM

Quant Time: Aug 09 01:21:25 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 : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



(15) Fluoranthene (C)

19.097min (-0.013) 4.42ng/ul m

Ju 08/09/19

response 87049

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	9.04
100.00	8.10	6.93
0.00	0.00	0.00

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

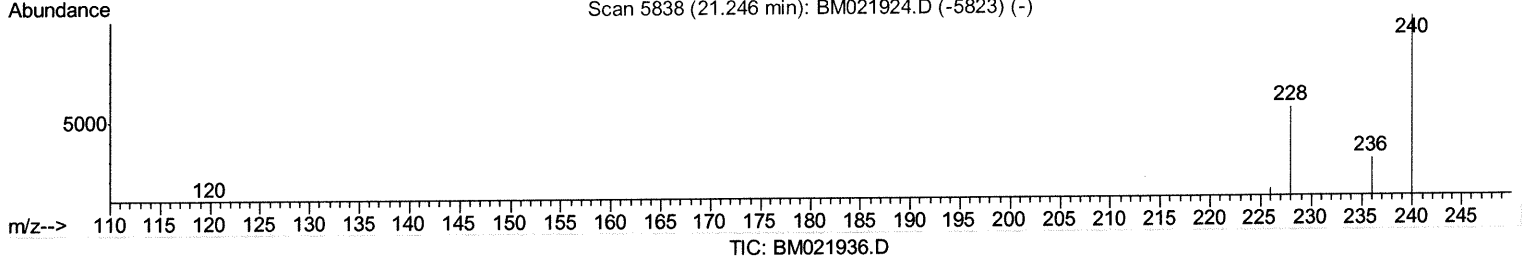
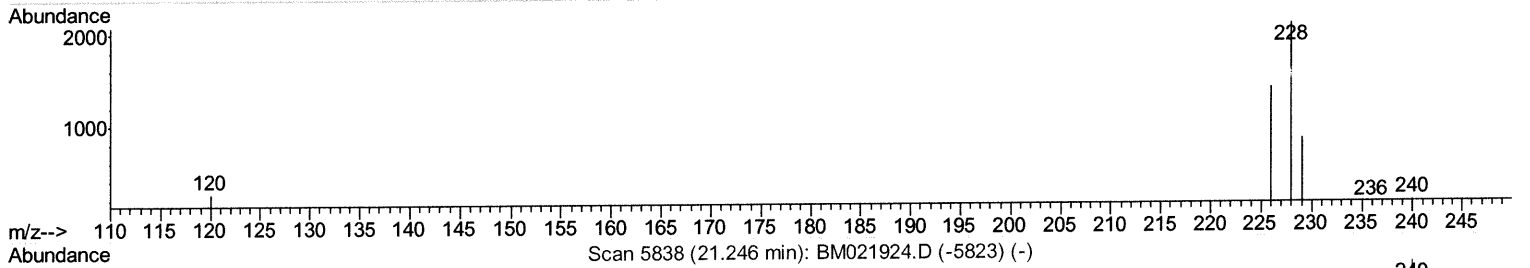
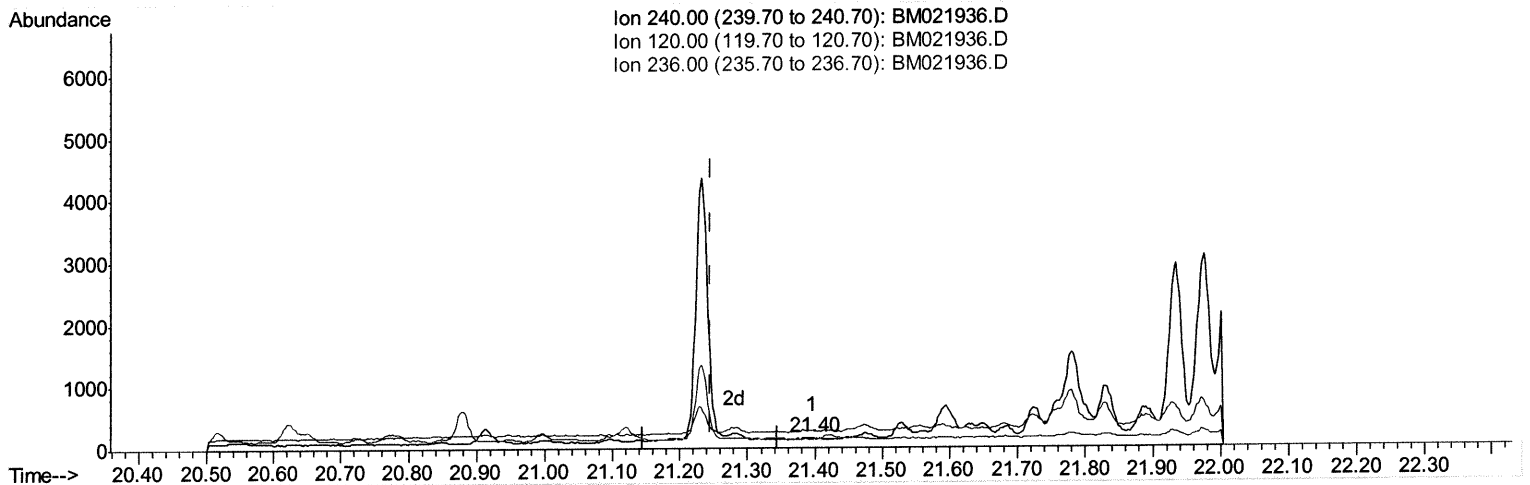
Data File : BM021936.D
Acq On : 08 Aug 2019 16:53
Operator : HP/JU
Sample : K4029-20
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENT9

Manual Integrations
APPROVED

mohammad
8/9/2019 6:13:06 AM

Quant Time: Aug 09 01:21:25 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 : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.396min (+0.150) 0.40ng/ul

response 88

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	174.05#
236.00	32.30	87.97#
0.00	0.00	0.00

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

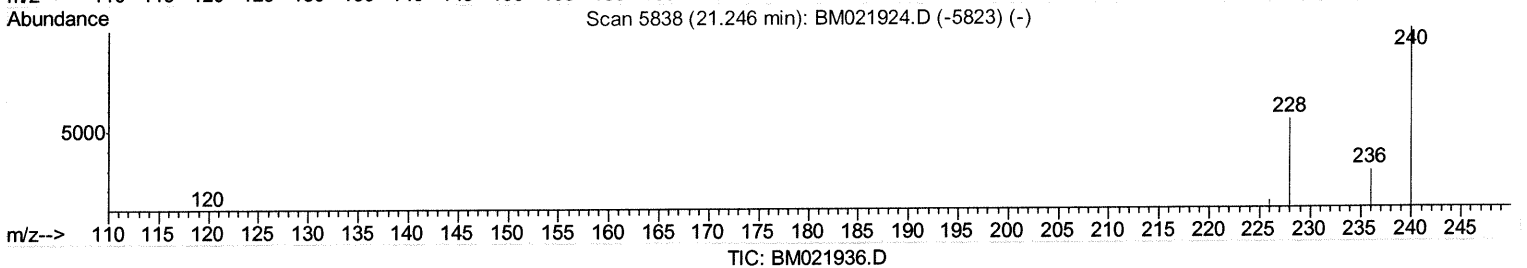
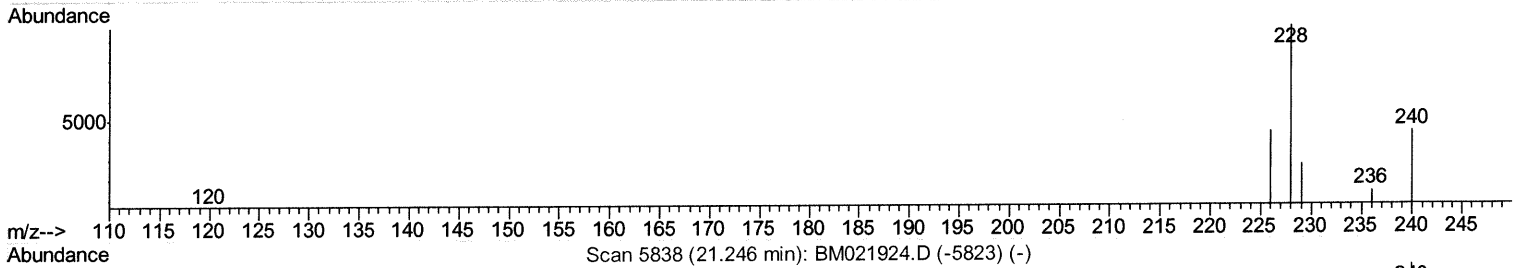
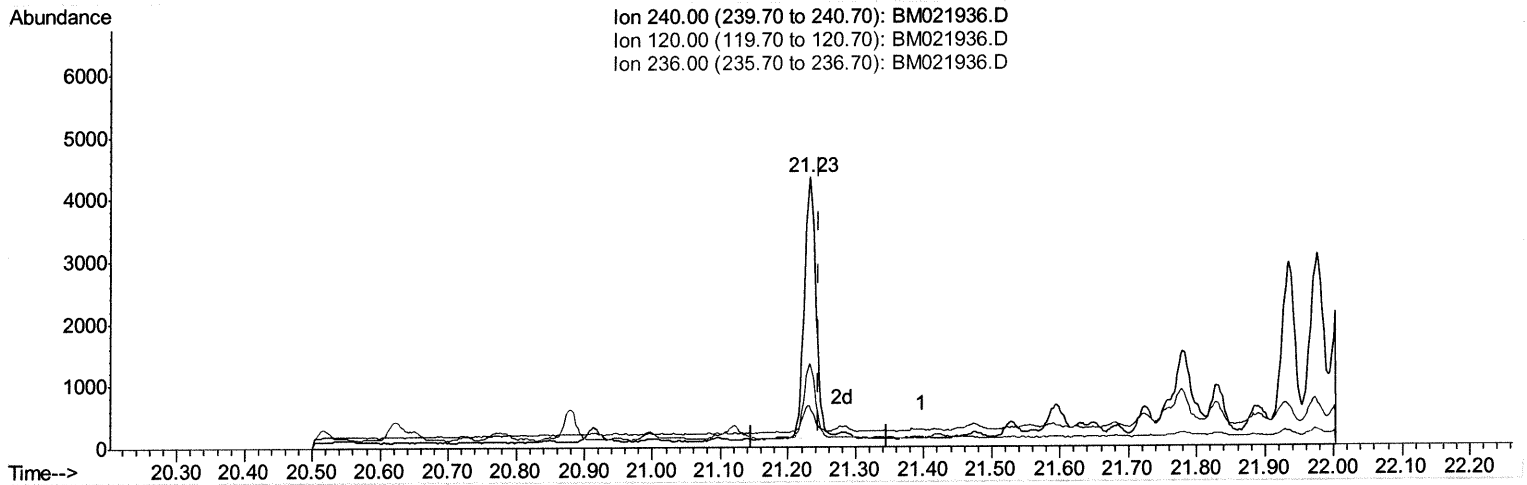
Data File : BM021936.D
Acq On : 08 Aug 2019 16:53
Operator : HP/JU
Sample : K4029-20
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENT9

Manual Integrations
APPROVED

mohammad
8/9/2019 6:13:06 AM

Quant Time: Aug 09 01:21:25 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 : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.232min (-0.014) 0.40ng/ul m

JU
08/09/19

response 5064

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	15.18
236.00	32.30	31.05
0.00	0.00	0.00

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

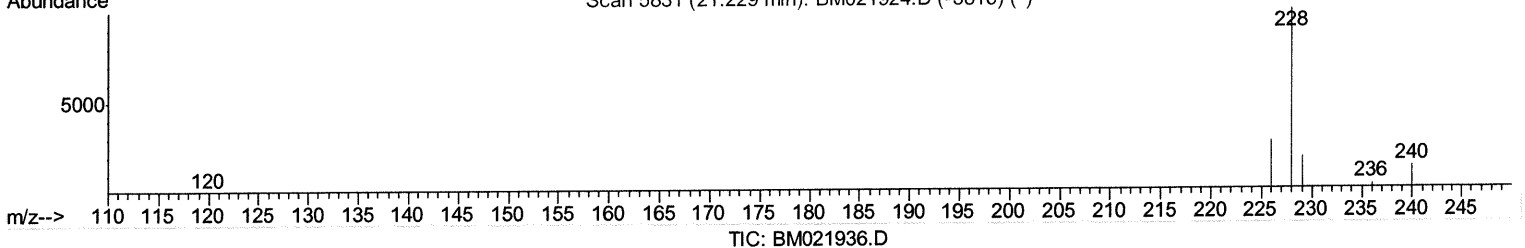
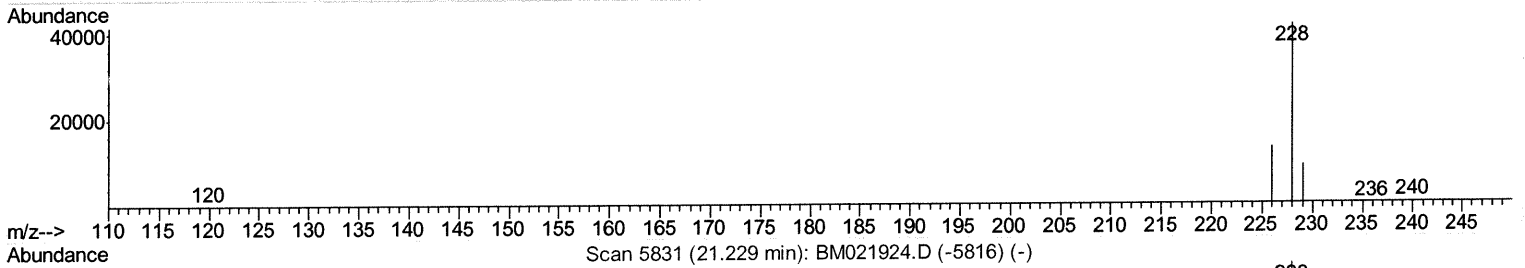
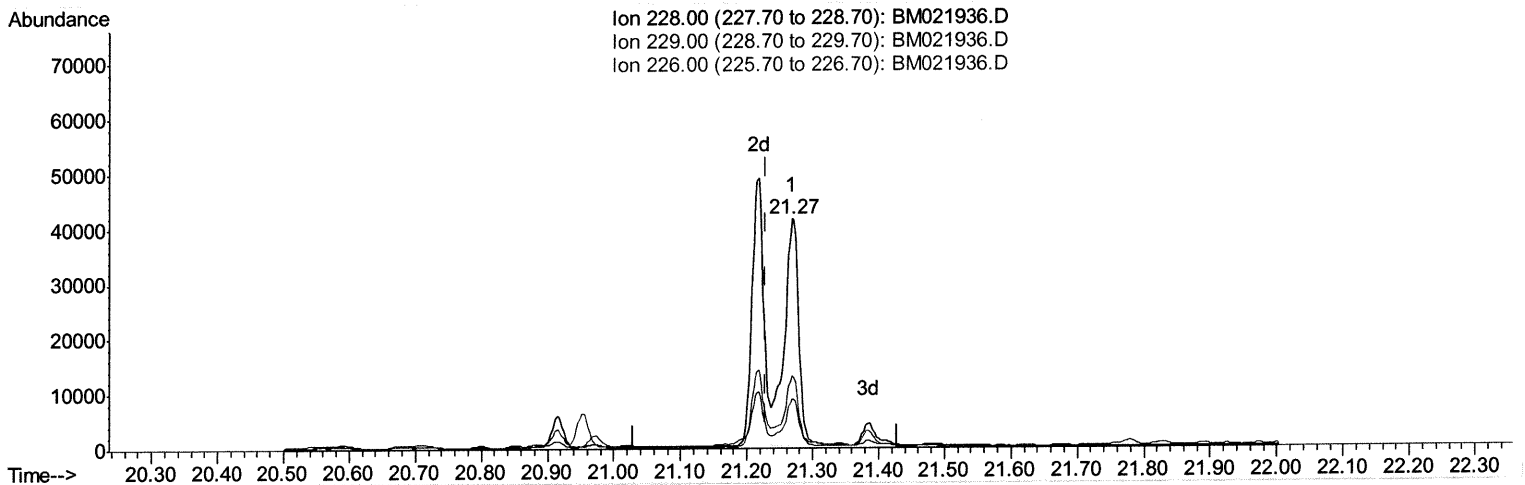
Data File : BM021936.D
Acq On : 08 Aug 2019 16:53
Operator : HP/JU
Sample : K4029-20
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENT9

Manual Integrations
APPROVED

mohammad
8/9/2019 6:13:06 AM

Quant Time: Aug 09 01:22:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



(18) Benzo(a)anthracene
21.268min (+0.039) 3.55ng/ul
response 64389

Ion	Exp%	Act%
228.00	100	100
229.00	21.50	21.61
226.00	28.30	31.58
0.00	0.00	0.00

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

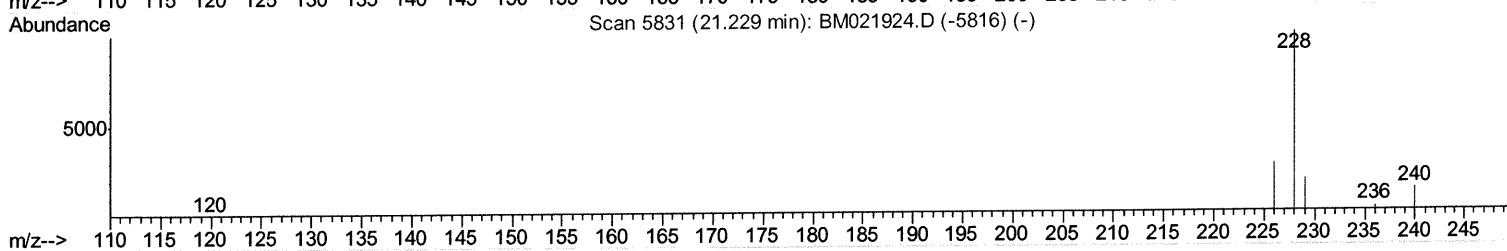
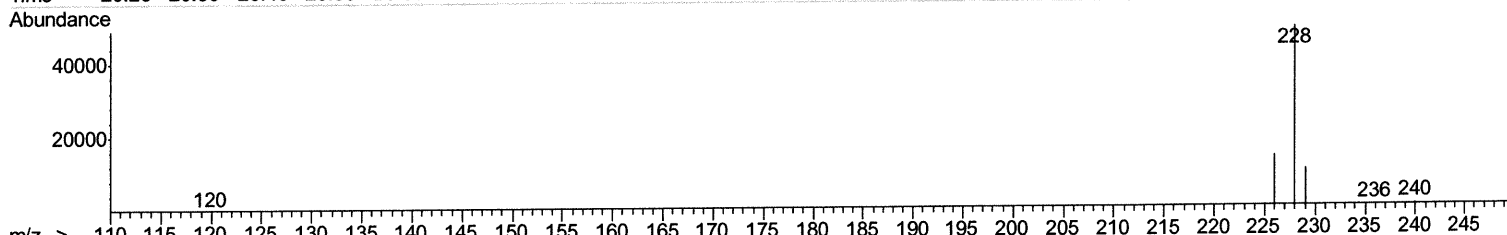
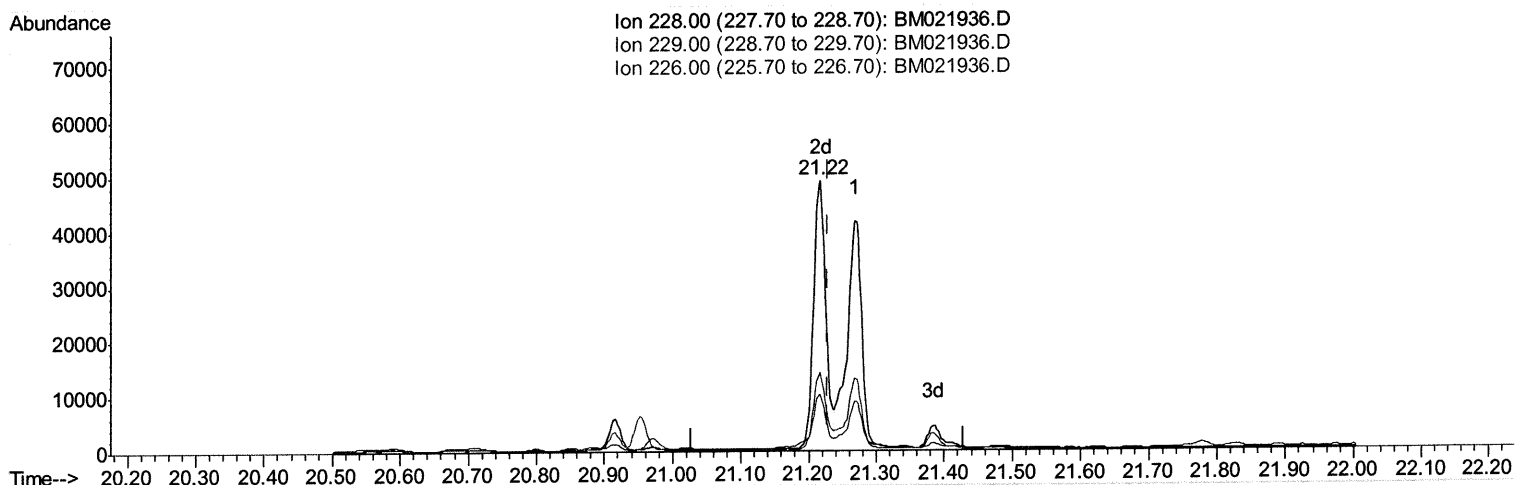
Data File : BM021936.D
Acq On : 08 Aug 2019 16:53
Operator : HP/JU
Sample : K4029-20
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BENT9

Manual Integrations
APPROVED

mohammad
8/9/2019 6:13:06 AM

Quant Time: Aug 09 01:22:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



TIC: BM021936.D

(18) Benzo(a)anthracene

21.217min (-0.012) 3.37ng/ul m JU 08/09/19

response 61046

Ion	Exp%	Act%
228.00	100	100
229.00	21.50	20.95
226.00	28.30	28.97
0.00	0.00	0.00

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

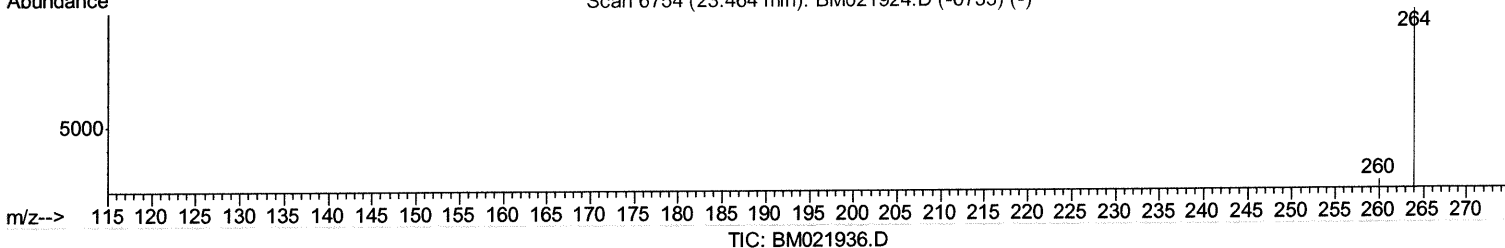
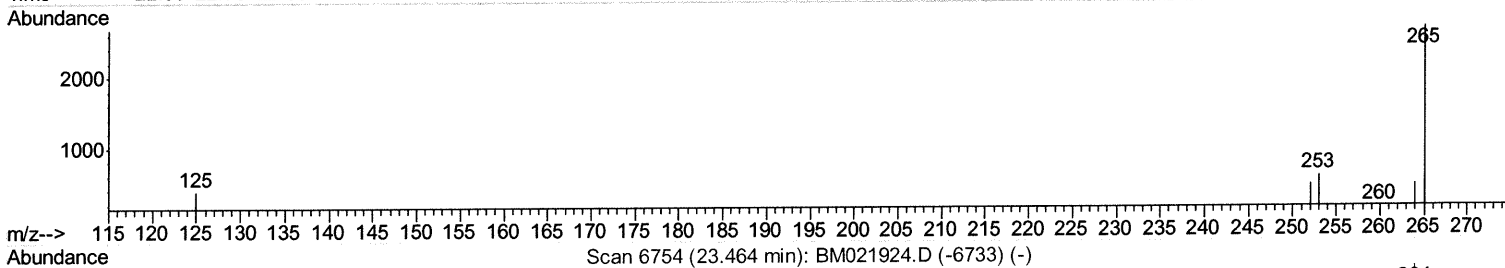
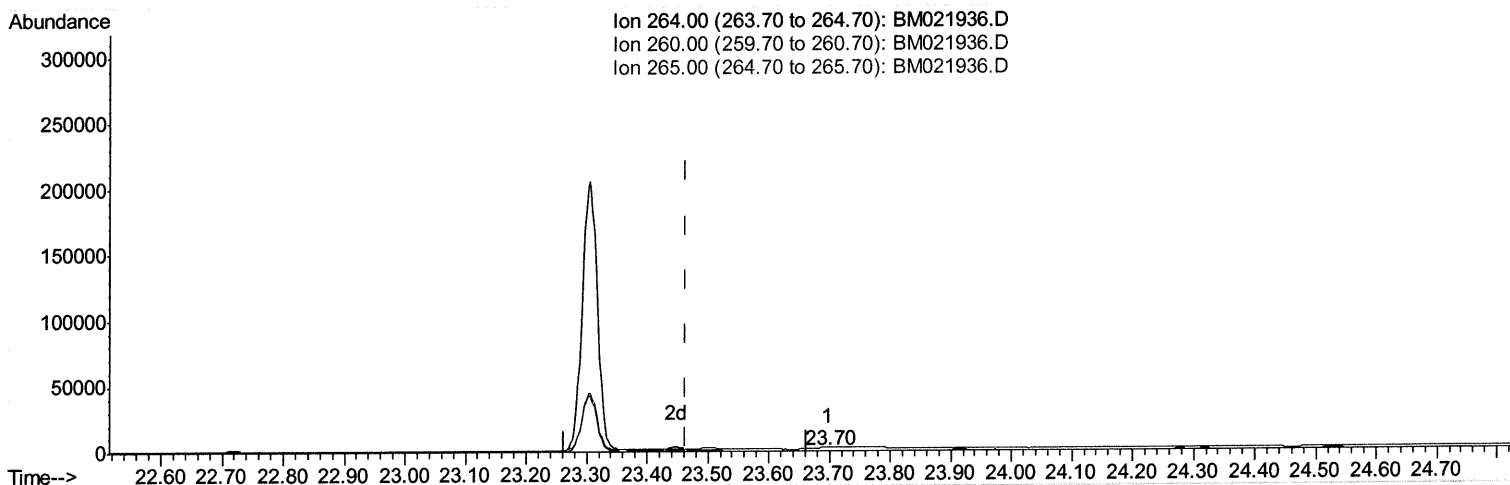
Data File : BM021936.D
Acq On : 08 Aug 2019 16:53
Operator : HP/JU
Sample : K4029-20
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENT9

Manual Integrations
APPROVED

mohammad
8/9/2019 6:13:06 AM

Quant Time: Aug 09 01:22:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



(20) Perylene-d12 (I)

23.697min (+0.233) 0.40ng/ul

response 1117

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	31.28
265.00	117.00	590.09#
0.00	0.00	0.00

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

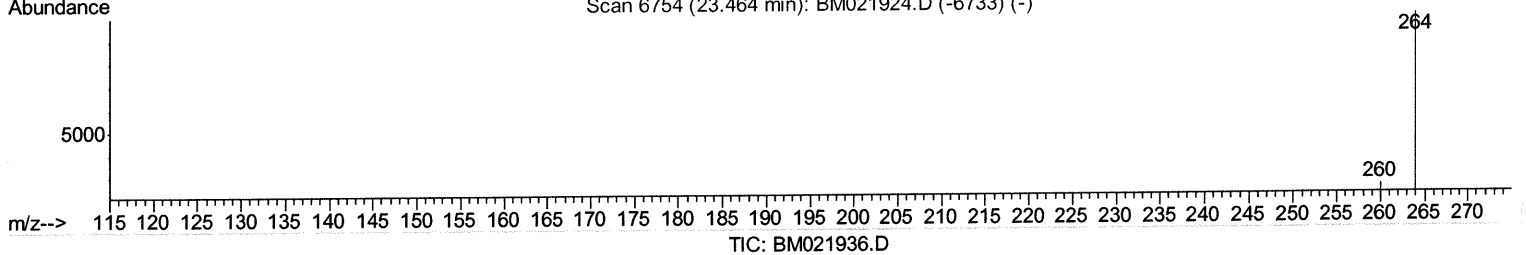
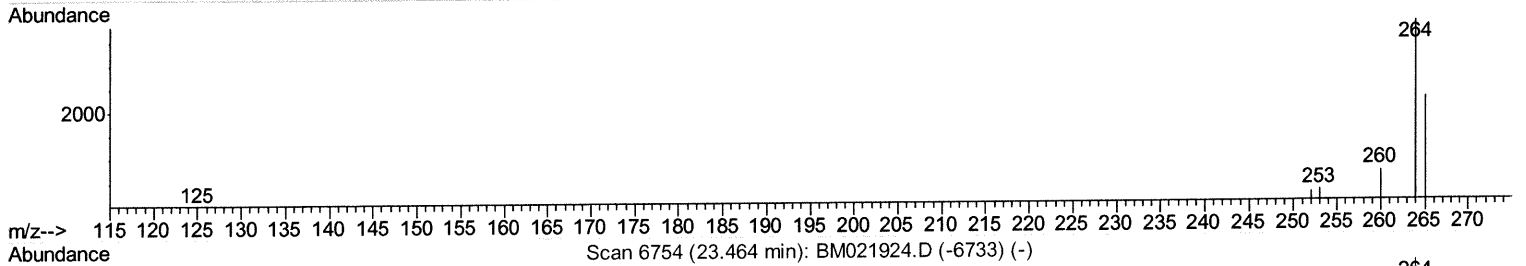
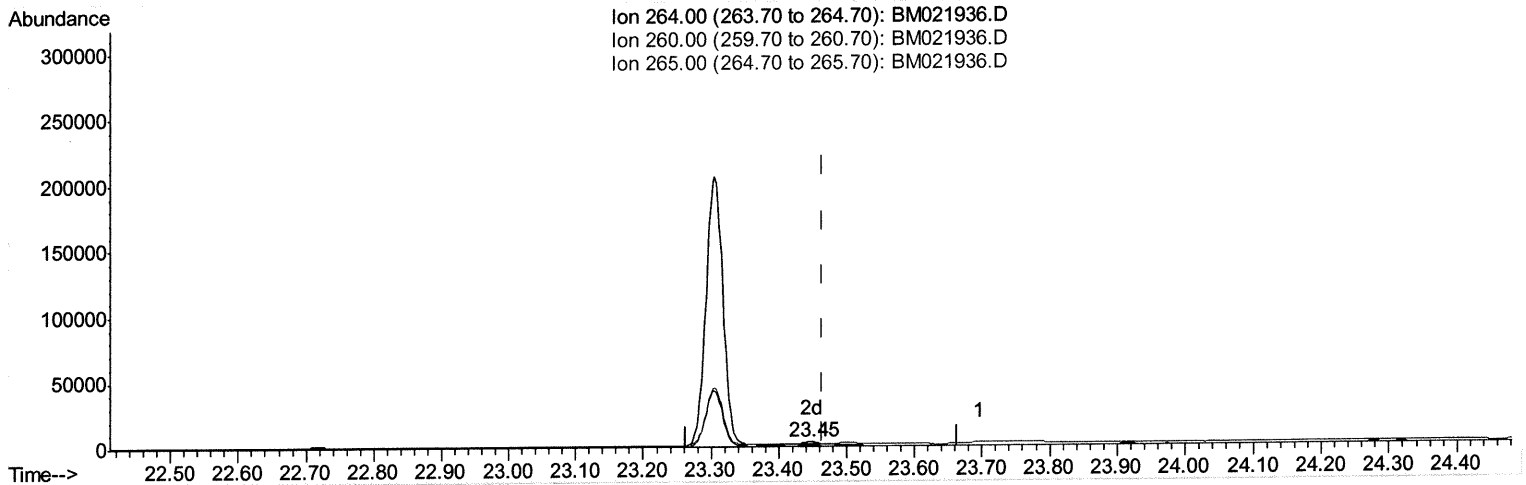
Data File : BM021936.D
Acq On : 08 Aug 2019 16:53
Operator : HP/JU
Sample : K4029-20
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENT9

Manual Integrations
APPROVED

mohammad
8/9/2019 6:13:06 AM

Quant Time: Aug 09 01:22:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



(20) Perylene-d12 (I)

23.448min (-0.017) 0.40ng/ul m

JU
08/09/19

response 5066

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	26.56
265.00	117.00	62.77#
0.00	0.00	0.00

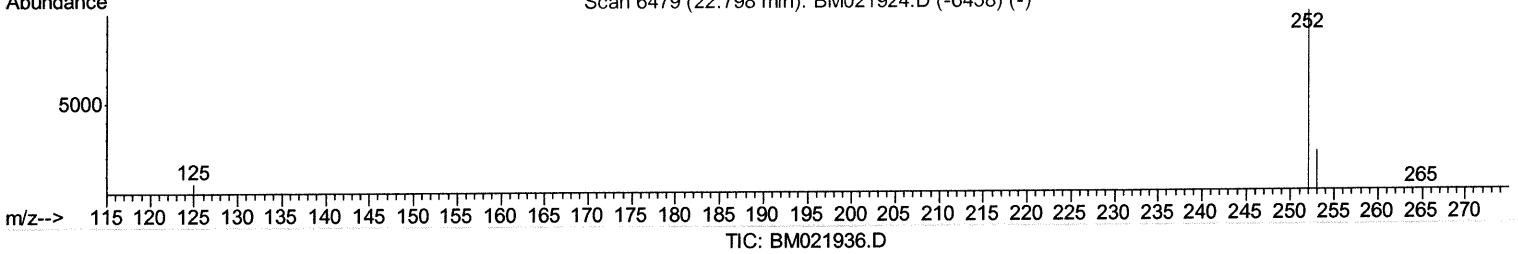
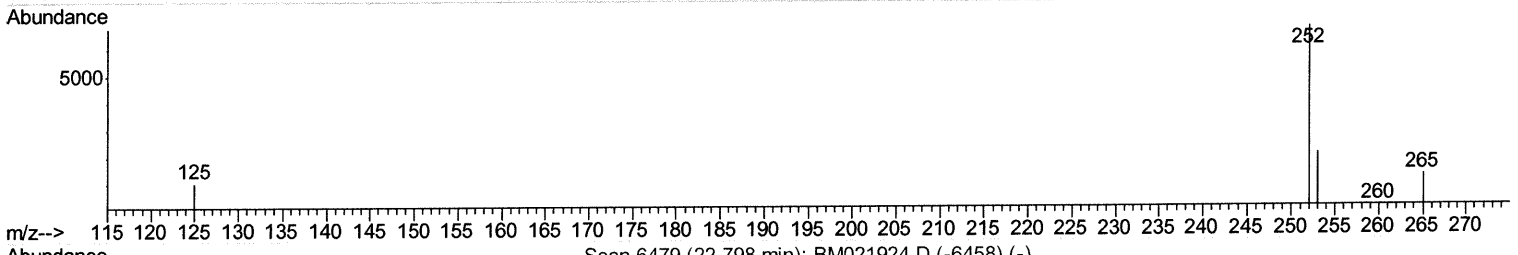
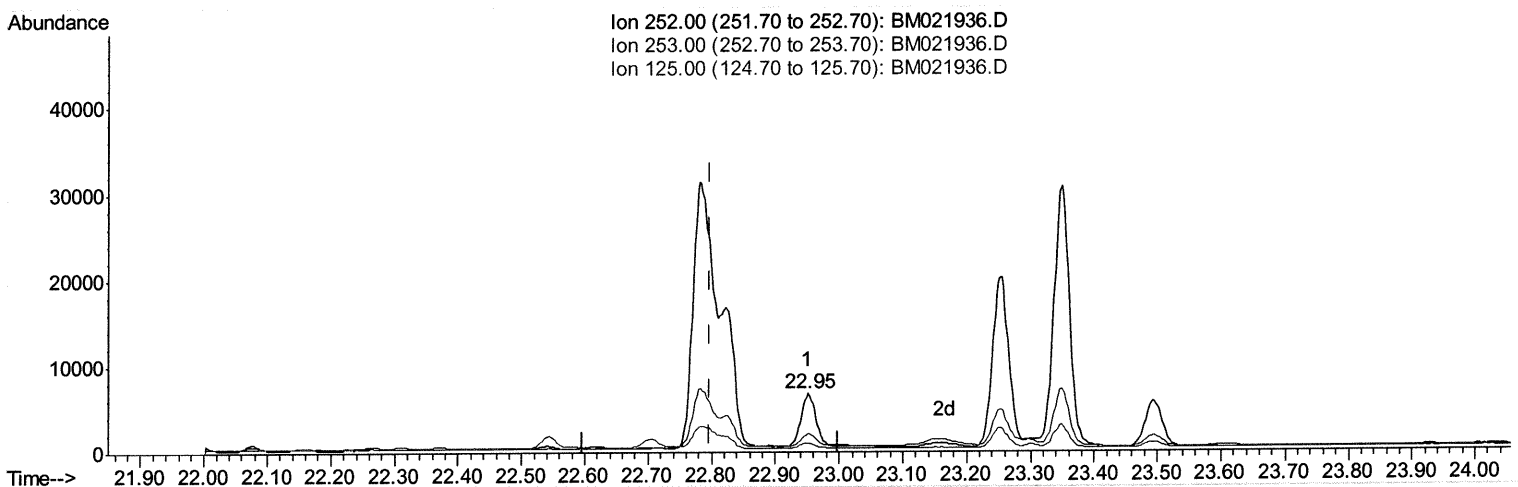
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Quantitation Report (Qedit)

Data File : BM021936.D
Acq On : 08 Aug 2019 16:53
Operator : HP/JU
Sample : K4029-20
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENT9

Manual Integrations
APPROVED
mohammad
8/9/2019 6:13:06 AM

Quant Time: Aug 09 01:23:25 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 : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



(21) Benzo(b)fluoranthene
22.951min (+0.153) 0.63ng/ul
response 10838
Ion Exp% Act%
252.00 100 100
253.00 33.70 31.02
125.00 15.50 15.68
0.00 0.00 0.00

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

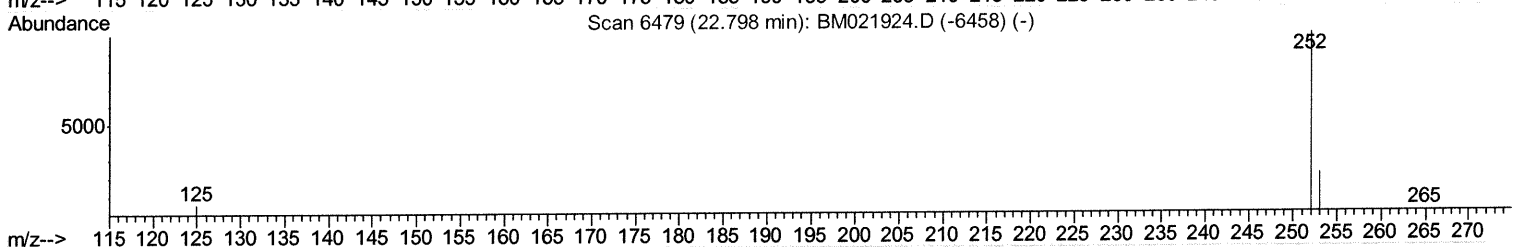
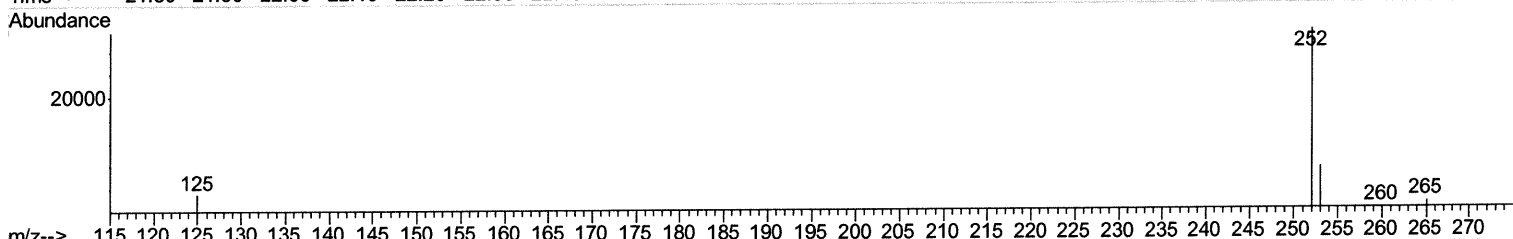
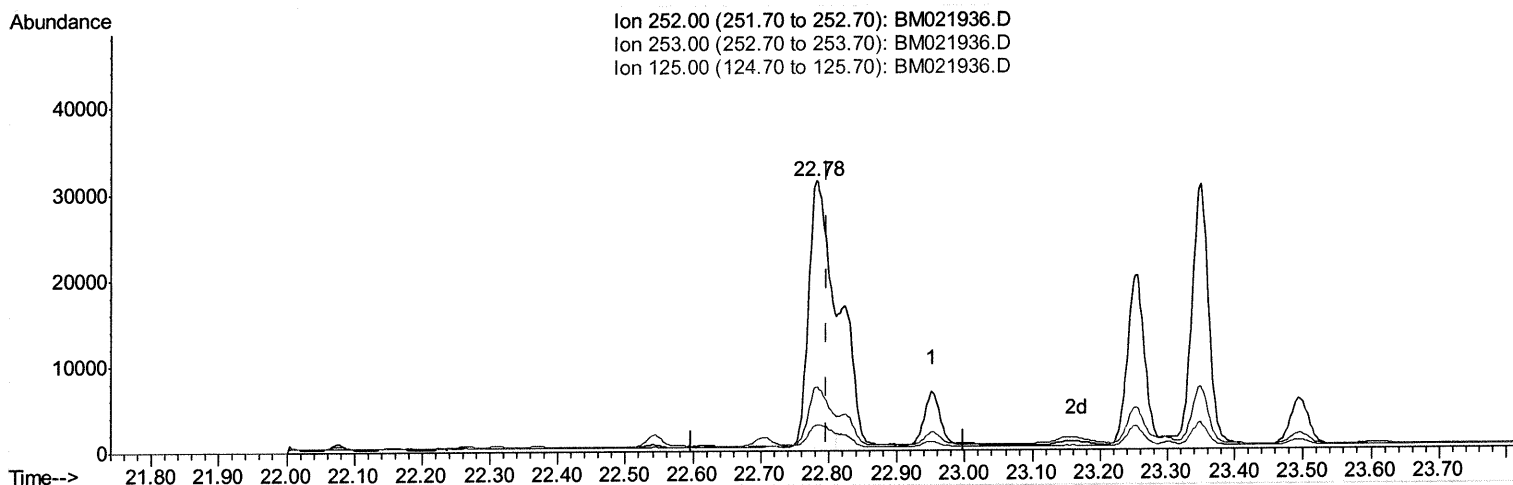
Data File : BM021936.D
Acq On : 08 Aug 2019 16:53
Operator : HP/JU
Sample : K4029-20
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENT9

Manual Integrations
APPROVED

mohammad
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Quant Time: Aug 09 01:23:25 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 : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



TIC: BM021936.D

(21) Benzo(b)fluoranthene

22.781min (-0.017) 3.87ng/ul m

JU
08/09/19

response 66184

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	23.59
125.00	15.50	9.62
0.00	0.00	0.00

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

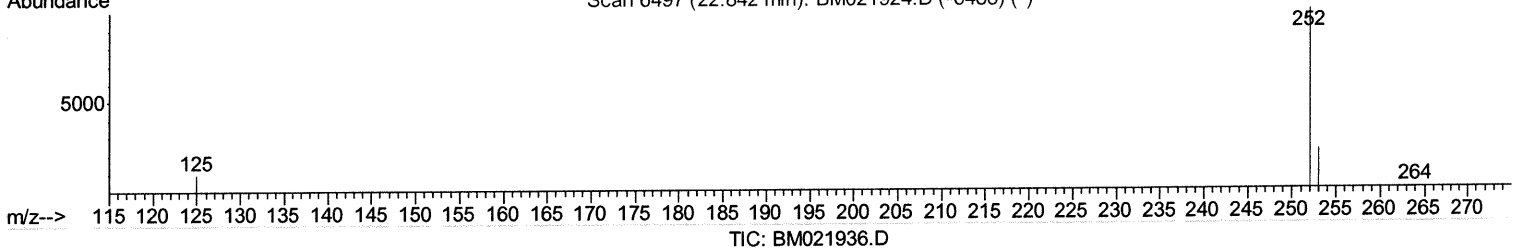
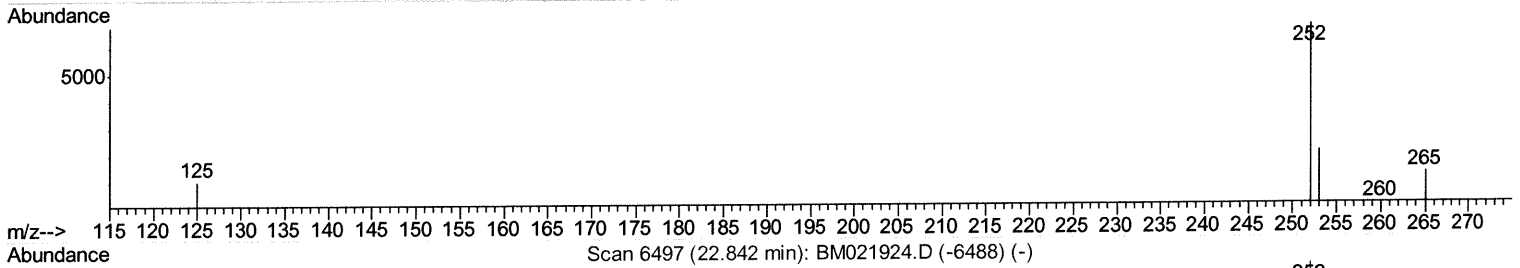
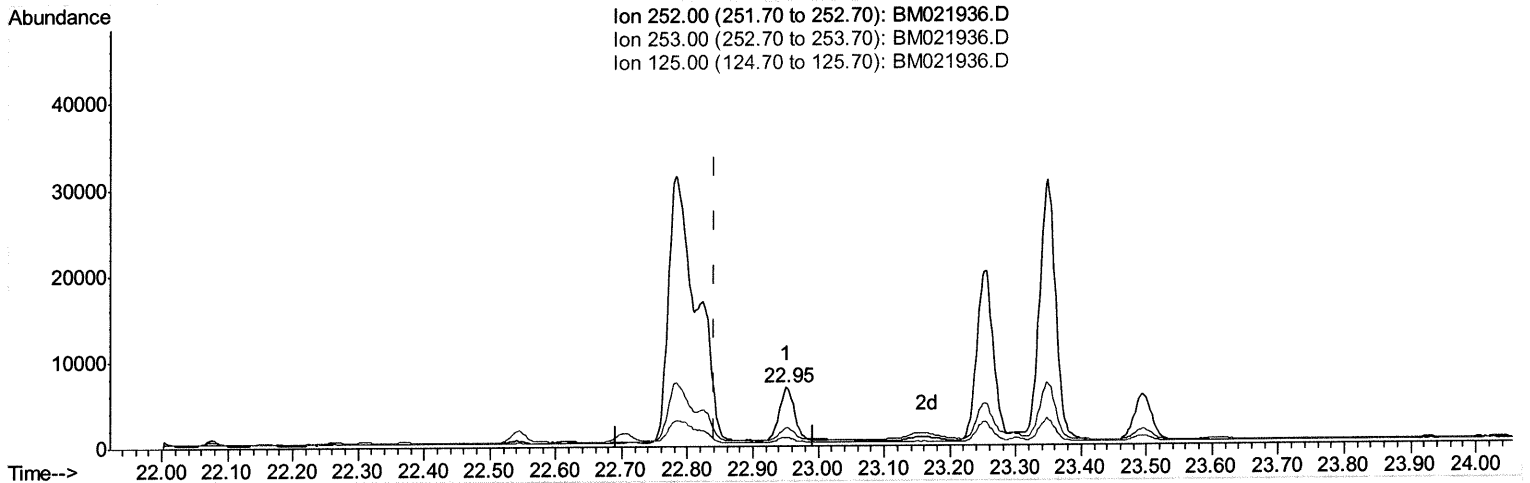
Data File : BM021936.D
Acq On : 08 Aug 2019 16:53
Operator : HP/JU
Sample : K4029-20
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENT9

Manual Integrations
APPROVED

mohammad
8/9/2019 6:13:06 AM

Quant Time: Aug 09 01:23:25 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 : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.951min (+0.109) 0.56ng/ul

response 10745

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	31.02
125.00	15.20	15.68
0.00	0.00	0.00

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

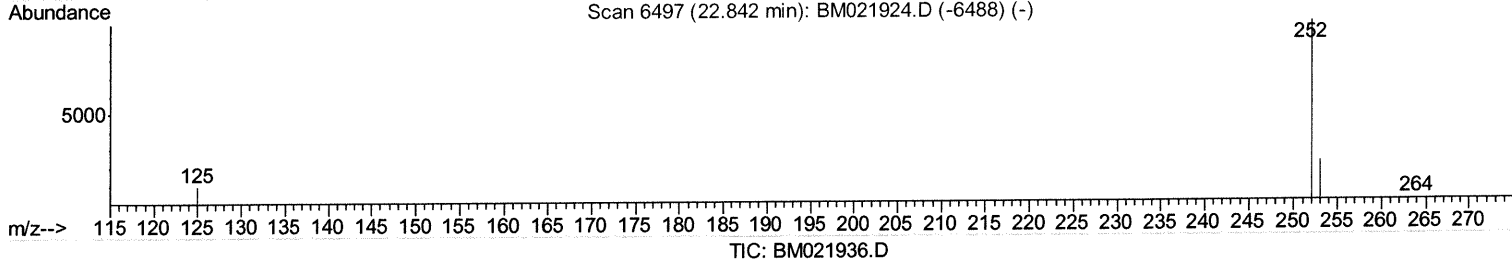
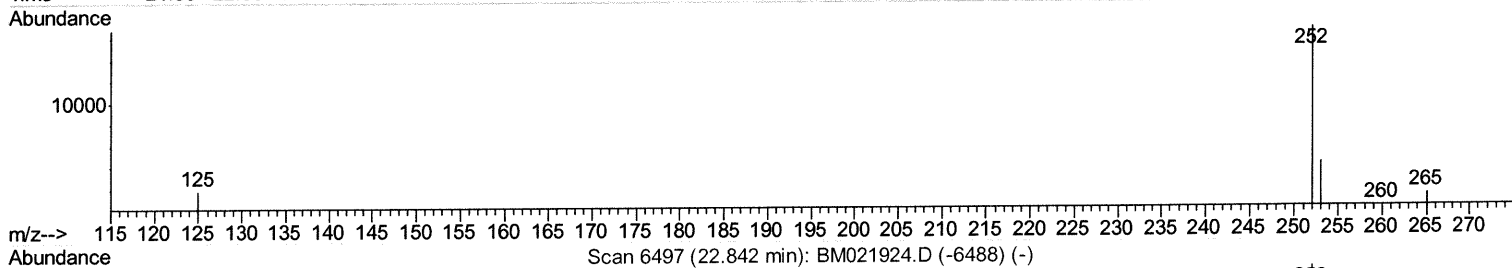
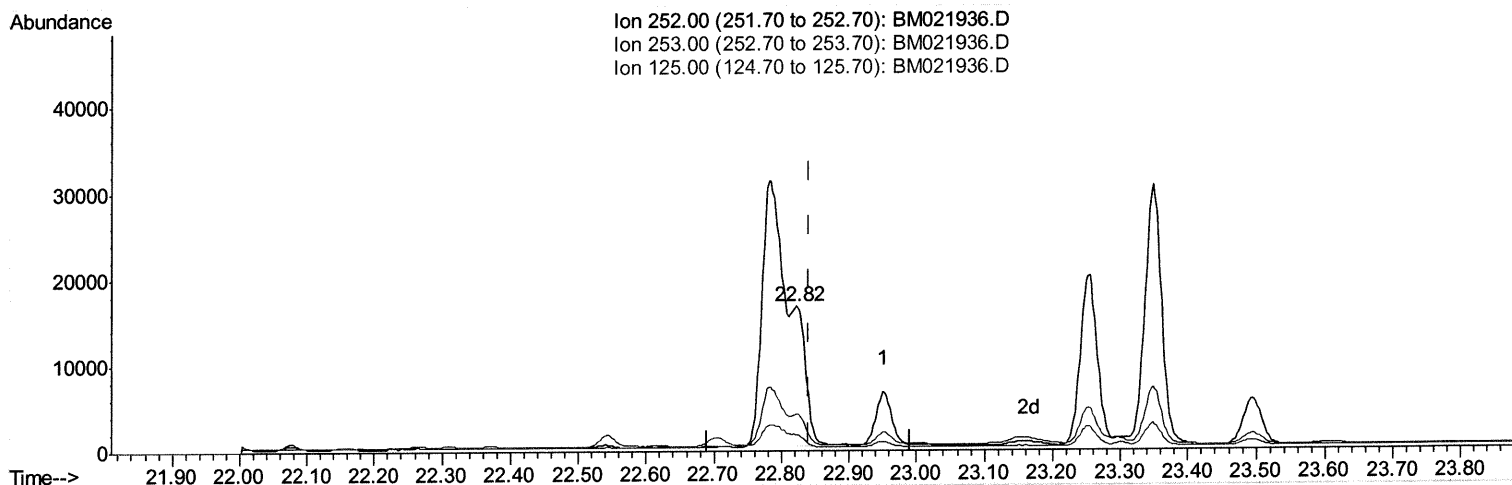
Data File : BM021936.D
Acq On : 08 Aug 2019 16:53
Operator : HP/JU
Sample : K4029-20
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENT9

Manual Integrations
APPROVED

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Quant Time: Aug 09 01:23:25 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 : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.823min (-0.019) 1.32ng/ul m

JU
08/09/19

response 25538

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	25.24#
125.00	15.20	11.23#
0.00	0.00	0.00

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

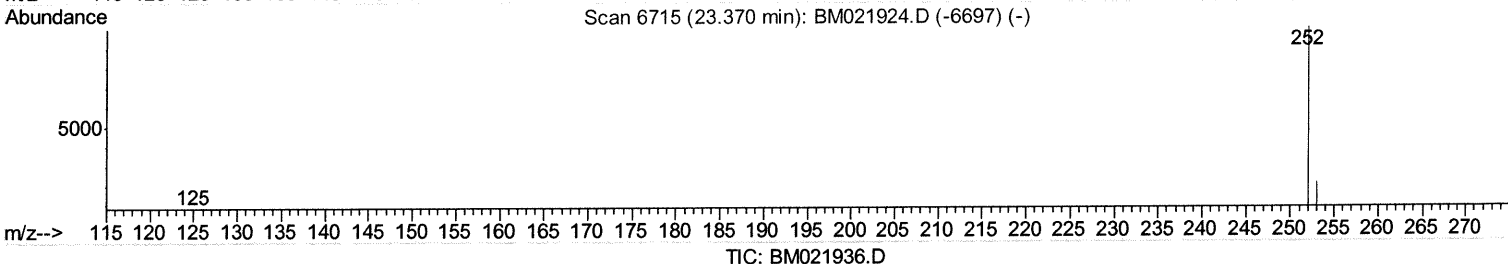
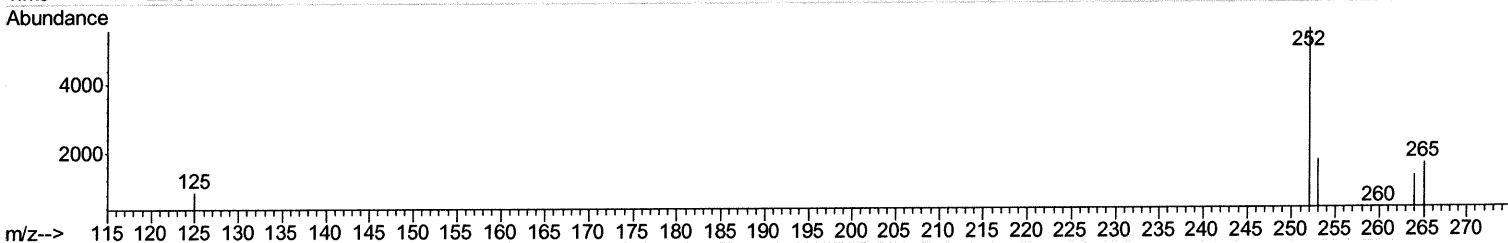
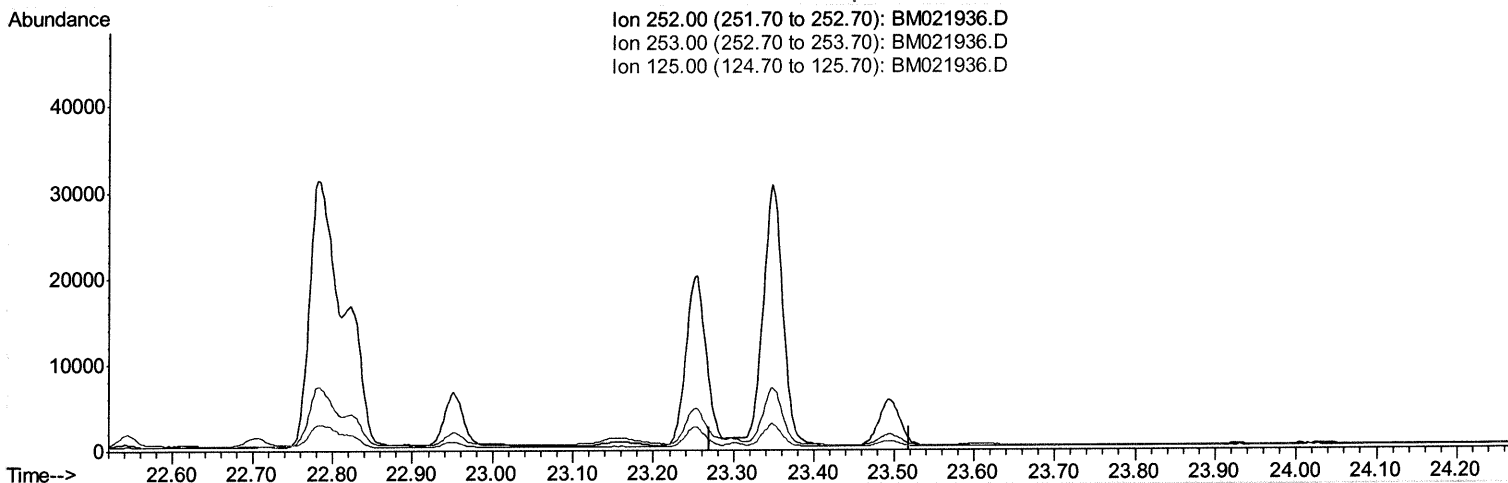
Data File : BM021936.D
Acq On : 08 Aug 2019 16:53
Operator : HP/JU
Sample : K4029-20
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENT9

Manual Integrations
APPROVED

mohammad
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Quant Time: Aug 09 01:23:25 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 : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.370min (-23.370) 0.00ng/ul

response 0

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

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

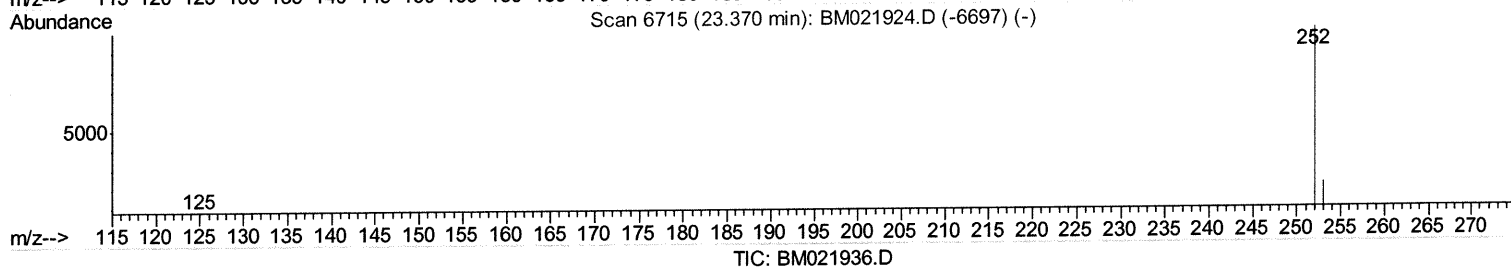
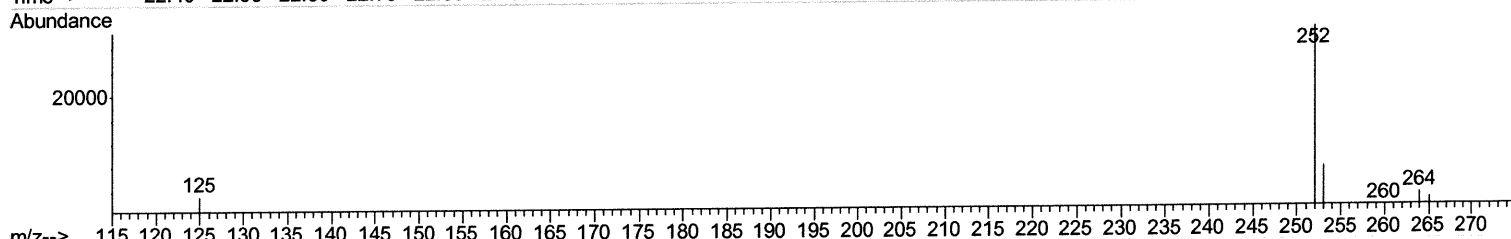
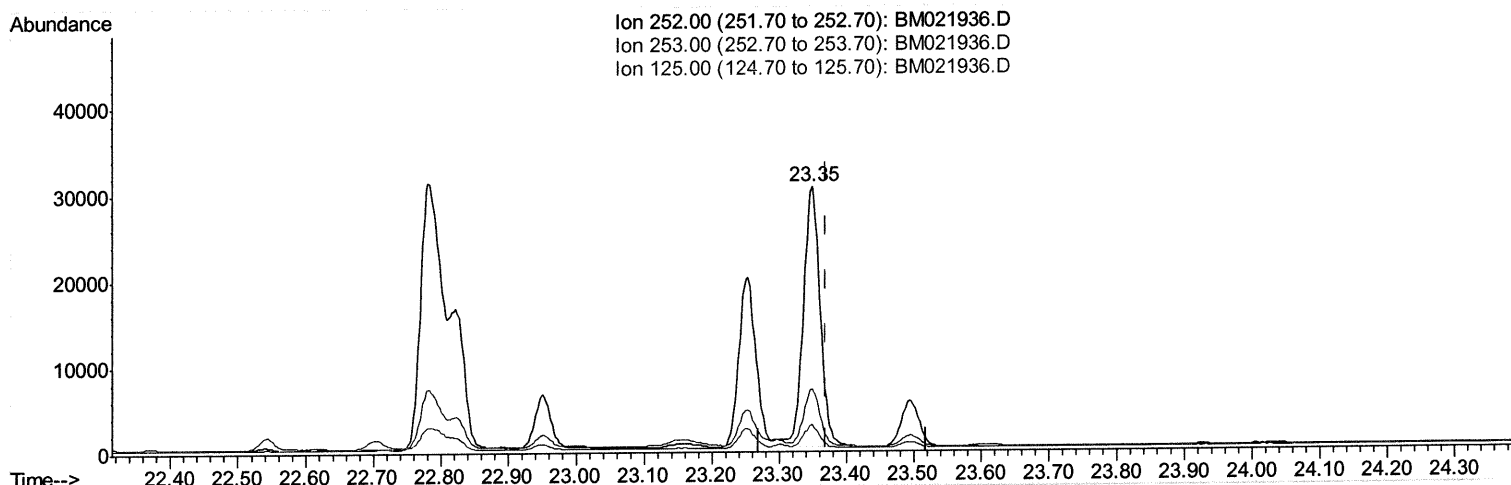
Data File : BM021936.D
Acq On : 08 Aug 2019 16:53
Operator : HP/JU
Sample : K4029-20
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENT9

Manual Integrations
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mohammad
8/9/2019 6:13:06 AM

Quant Time: Aug 09 01:23:25 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 : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.348min (-0.021) 2.97ng/ul m

response 51547

Ion	Exp%	Act%
252.00	100	100
253.00	39.60	23.69#
125.00	18.20	10.12#
0.00	0.00	0.00

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

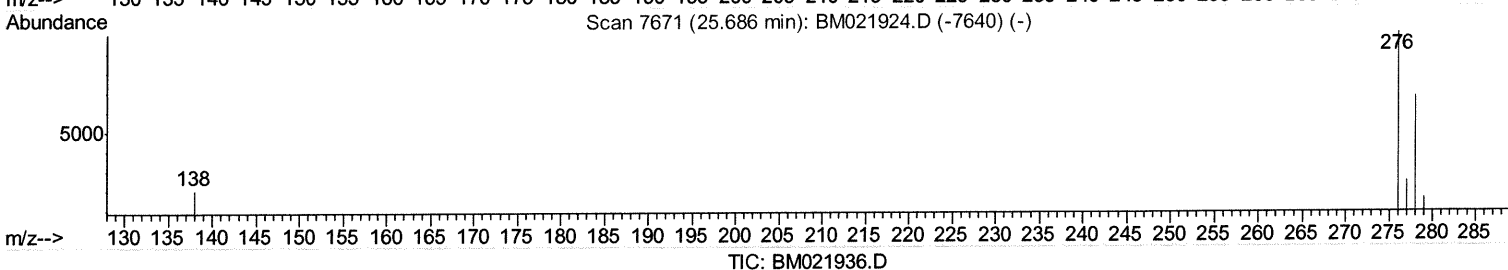
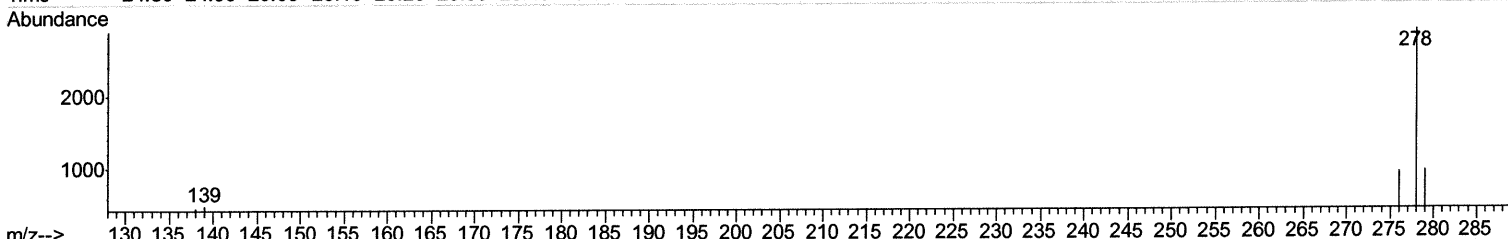
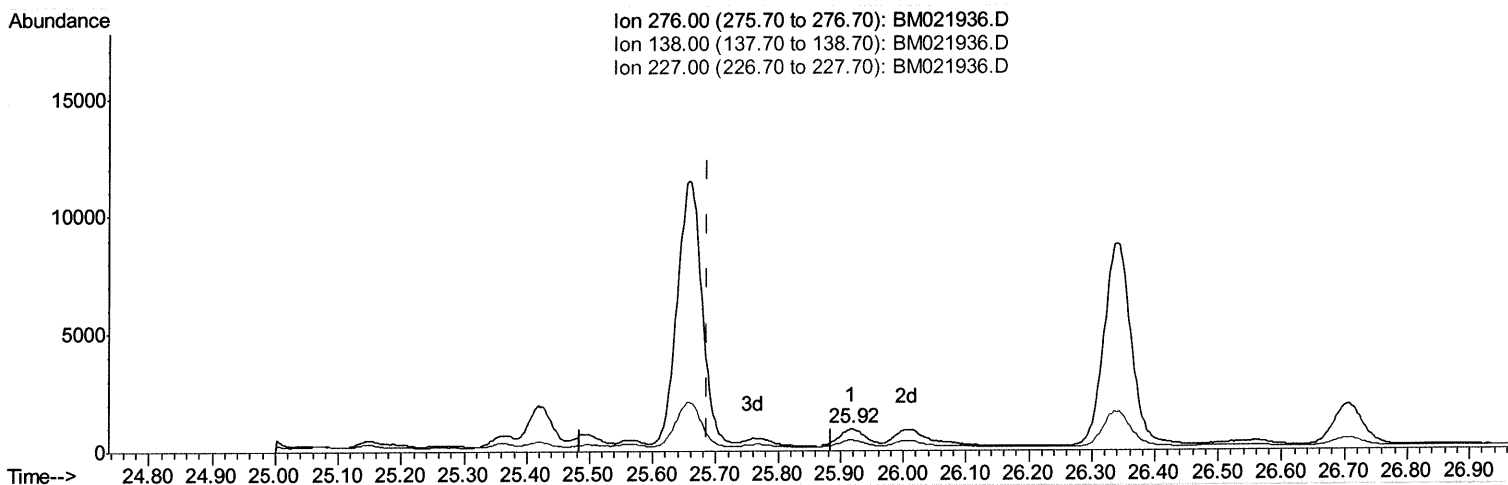
Data File : BM021936.D
Acq On : 08 Aug 2019 16:53
Operator : HP/JU
Sample : K4029-20
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENT9

Manual Integrations
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Quant Time: Aug 09 01:23:25 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 : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



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

25.917min (+0.231) 0.10ng/ul

response 2051

Ion	Exp%	Act%
276.00	100	100
138.00	18.90	42.27#
227.00	0.00	0.00
0.00	0.00	0.00

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

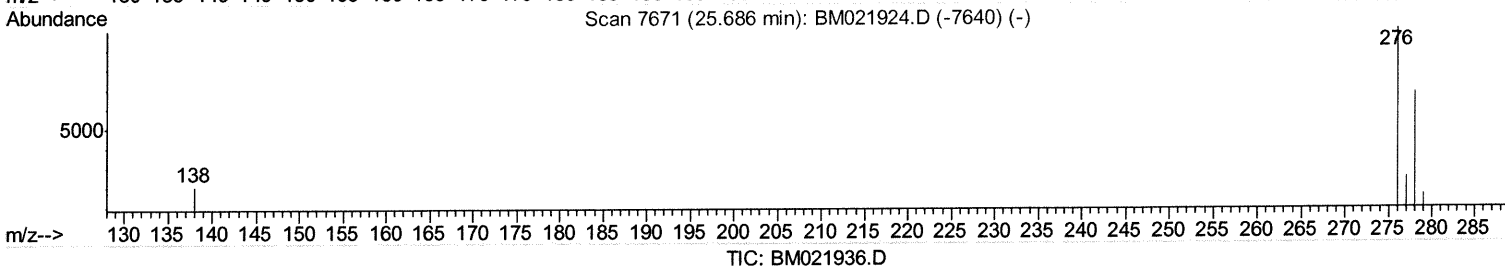
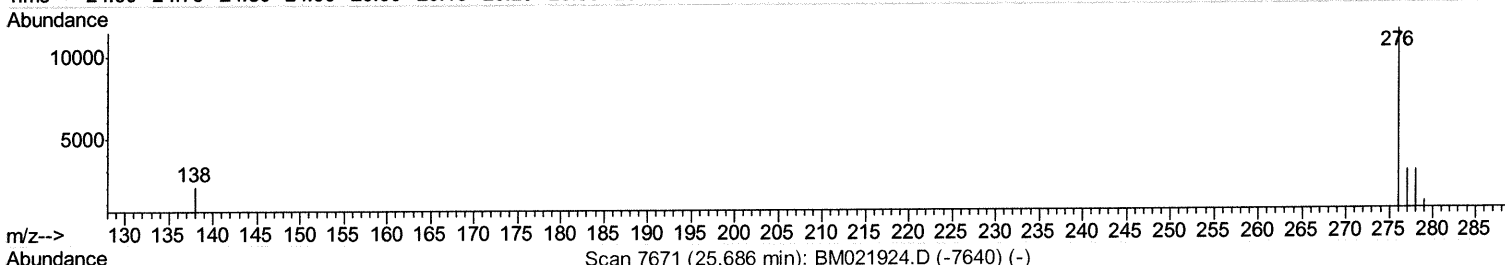
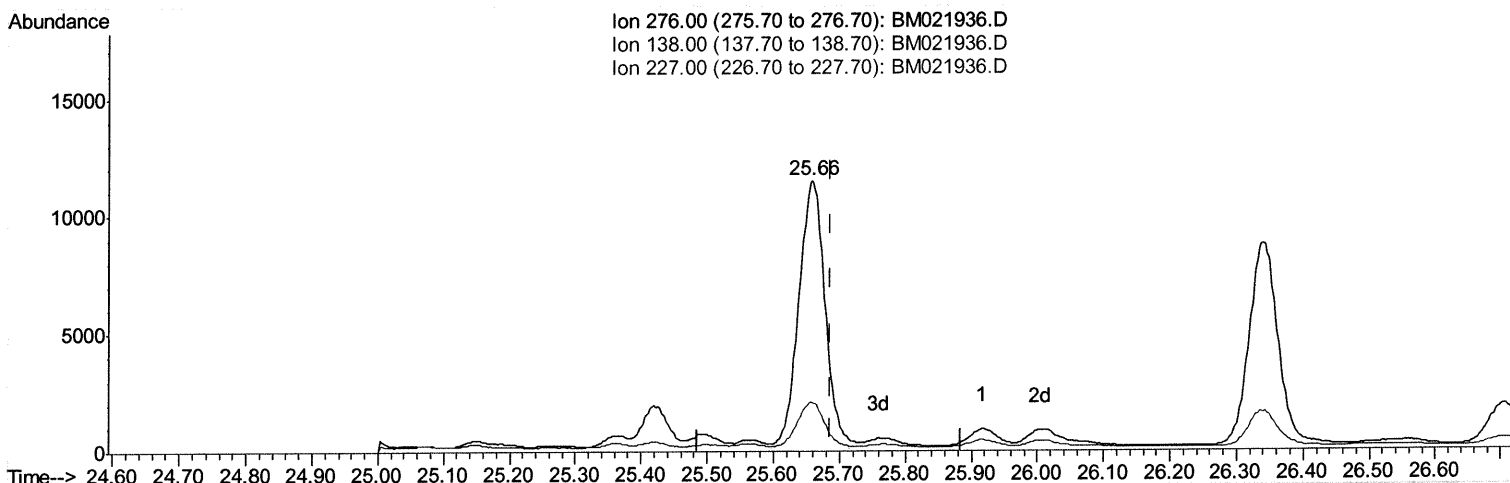
Data File : BM021936.D
Acq On : 08 Aug 2019 16:53
Operator : HP/JU
Sample : K4029-20
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENT9

Manual Integrations
APPROVED

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8/9/2019 6:13:06 AM

Quant Time: Aug 09 01:23:25 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 : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



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

25.657min (-0.029) 1.52ng/ul m

JU
08/09/19

response 31563

Ion	Exp%	Act%
276.00	100	100
138.00	18.90	2.75#
227.00	0.00	0.00
0.00	0.00	0.00

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

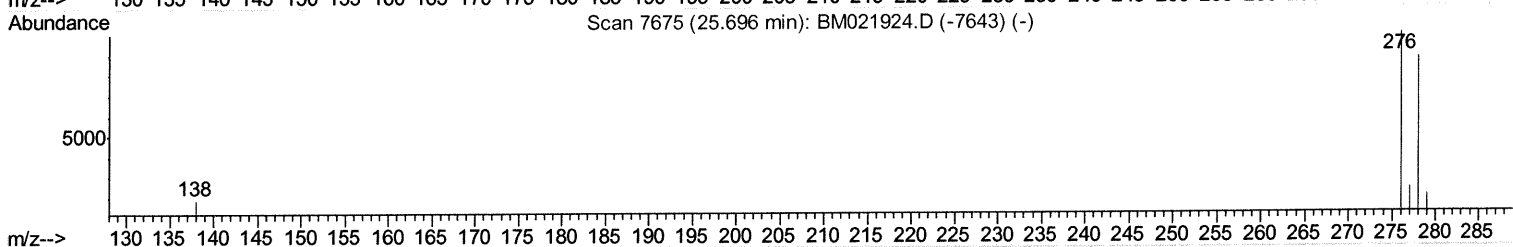
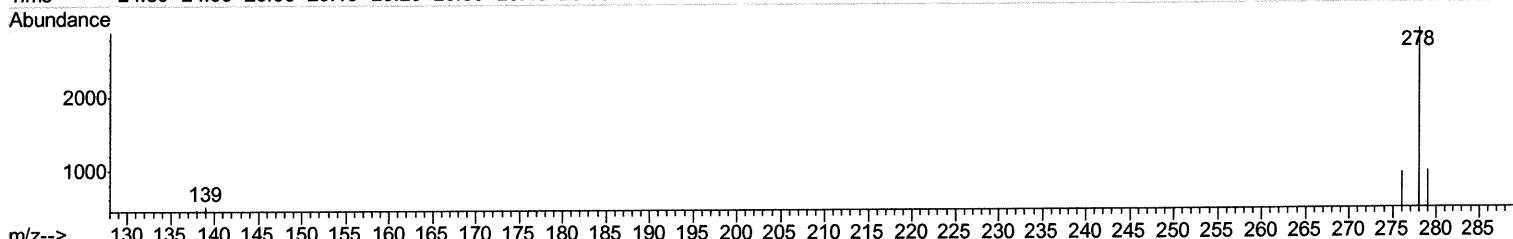
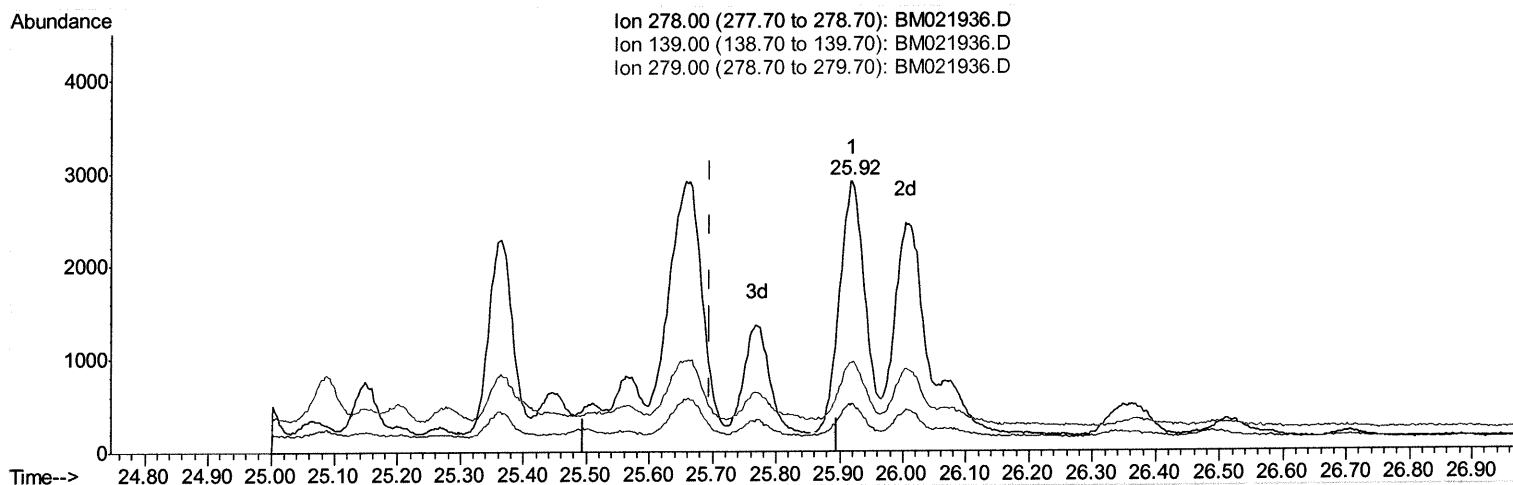
Data File : BM021936.D
Acq On : 08 Aug 2019 16:53
Operator : HP/JU
Sample : K4029-20
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BENT9

Manual Integrations
APPROVED

mohammad
8/9/2019 6:13:06 AM

Quant Time: Aug 09 01:23:25 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 : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



TIC: BM021936.D

(25) Dibenzo(a,h)anthracene

25.919min (+0.223) 0.45ng/ul

response 7574

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	17.54
279.00	35.40	32.53
0.00	0.00	0.00

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

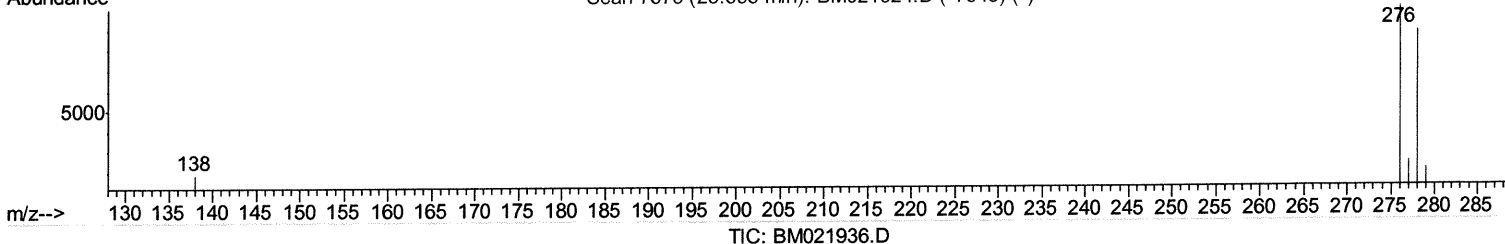
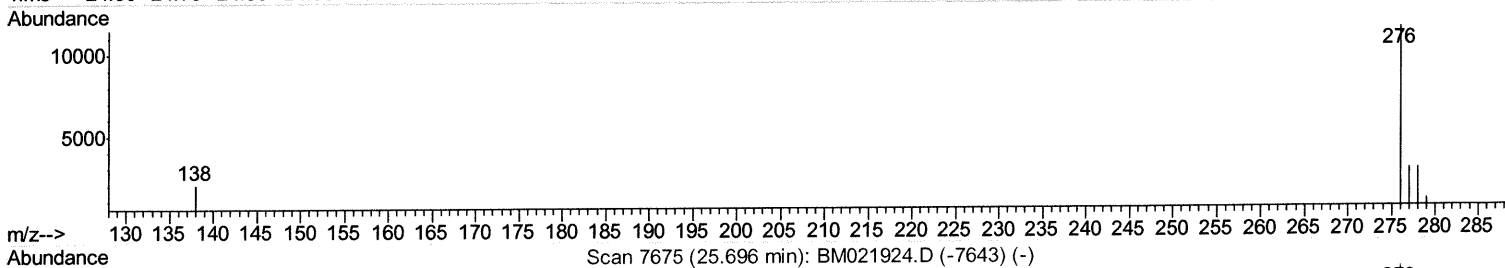
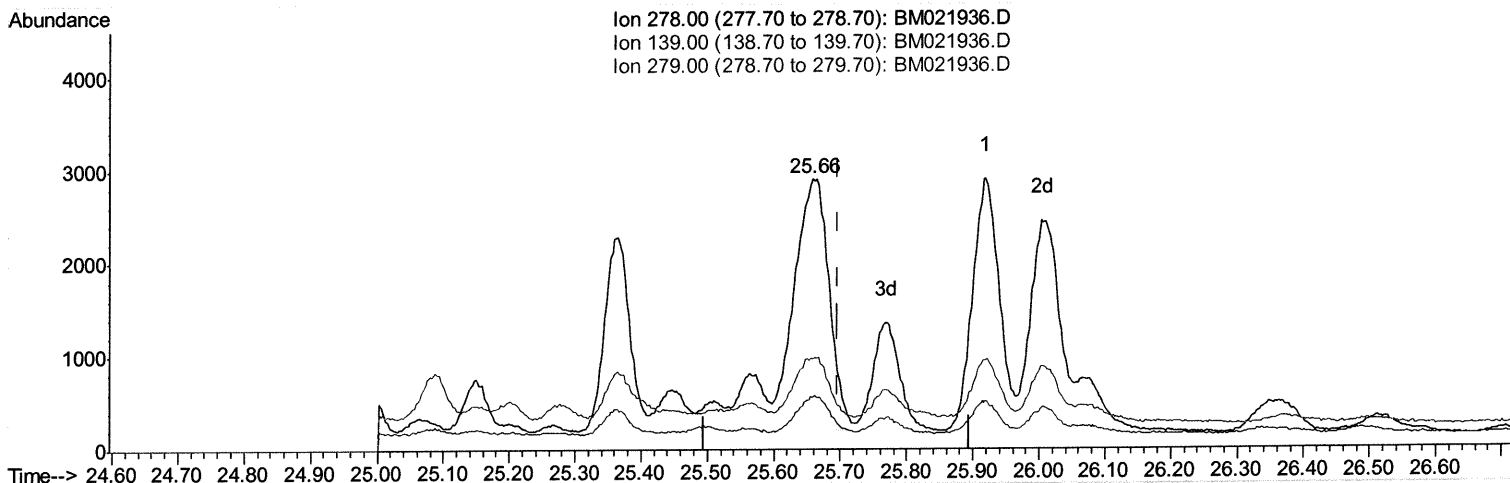
Data File : BM021936.D
Acq On : 08 Aug 2019 16:53
Operator : HP/JU
Sample : K4029-20
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENT9

Manual Integrations
APPROVED

mohammad
8/9/2019 6:13:06 AM

Quant Time: Aug 09 01:23:25 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 : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.657min (-0.038) 0.59ng/ul m

50409/19

response 9888

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	19.06
279.00	35.40	33.80
0.00	0.00	0.00

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

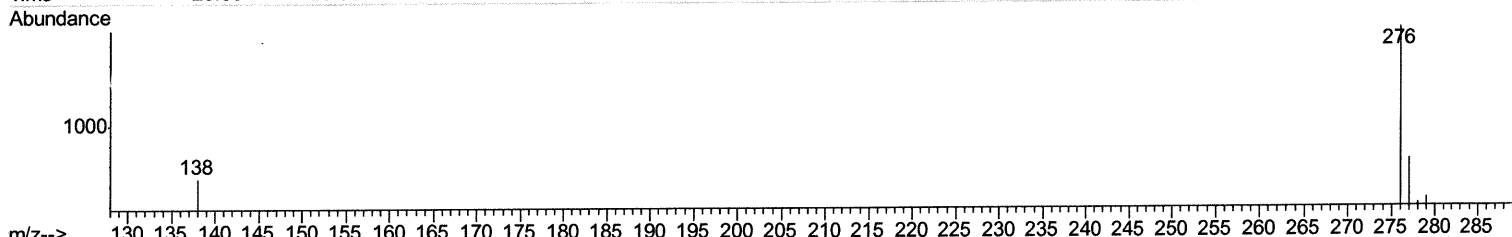
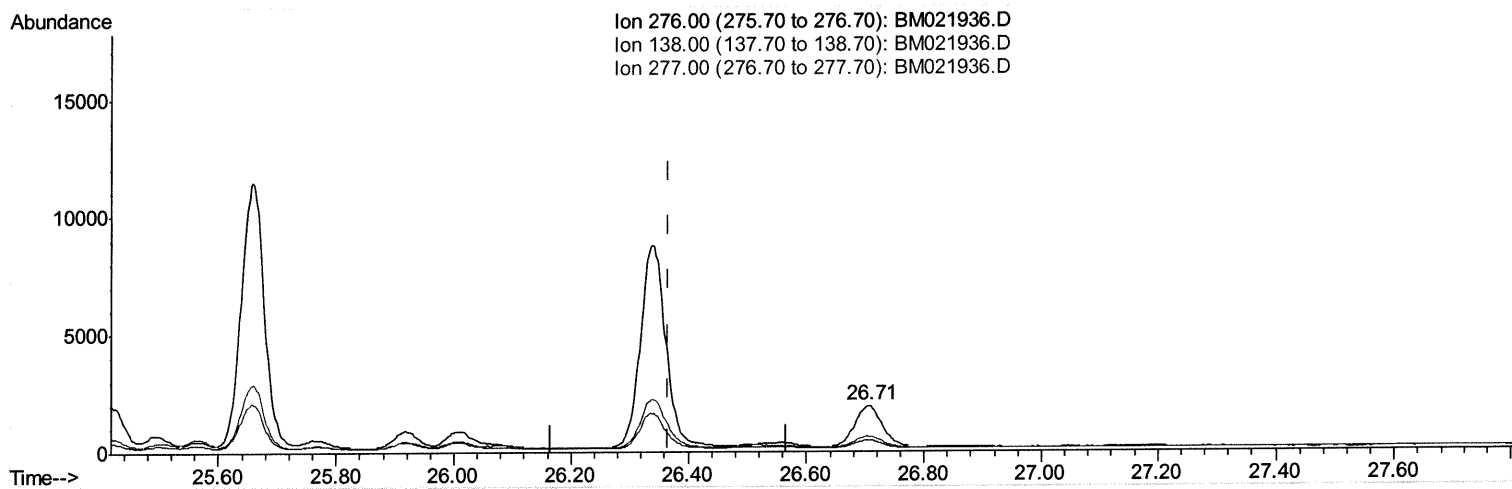
Data File : BM021936.D
Acq On : 08 Aug 2019 16:53
Operator : HP/JU
Sample : K4029-20
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BENT9

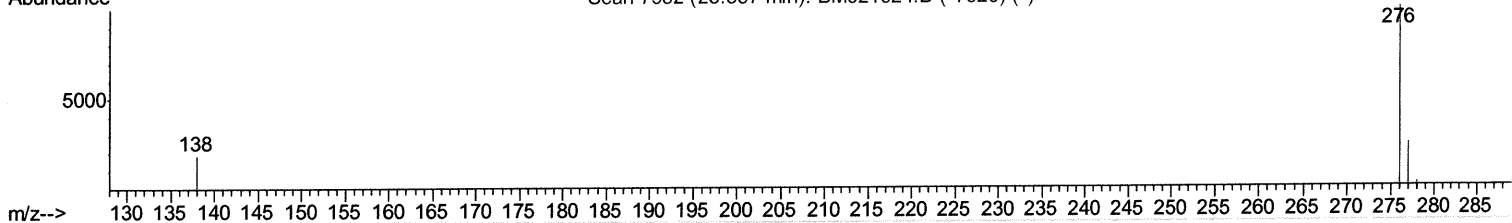
Manual Integrations
APPROVED

mohammad
8/9/2019 6:13:06 AM

Quant Time: Aug 09 01:23:25 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 : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



Scan 7952 (26.367 min): BM021924.D (-7920) (-)



TIC: BM021936.D

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

26.706min (+0.340) 0.30ng/ul

response 5610

Ion	Exp%	Act%
276.00	100	100
138.00	19.40	24.45#
277.00	26.80	33.25#
0.00	0.00	0.00

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

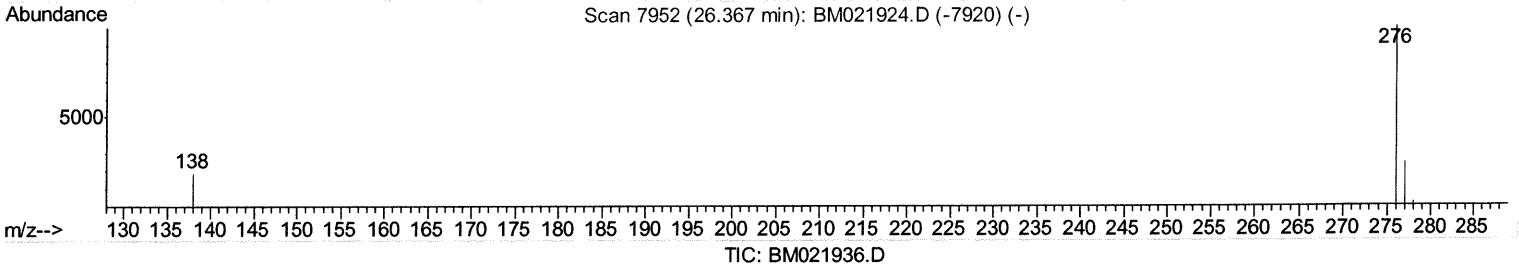
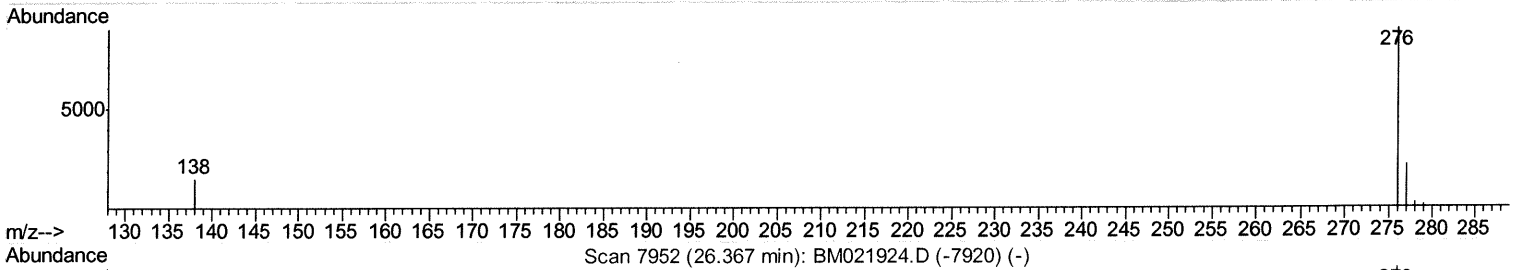
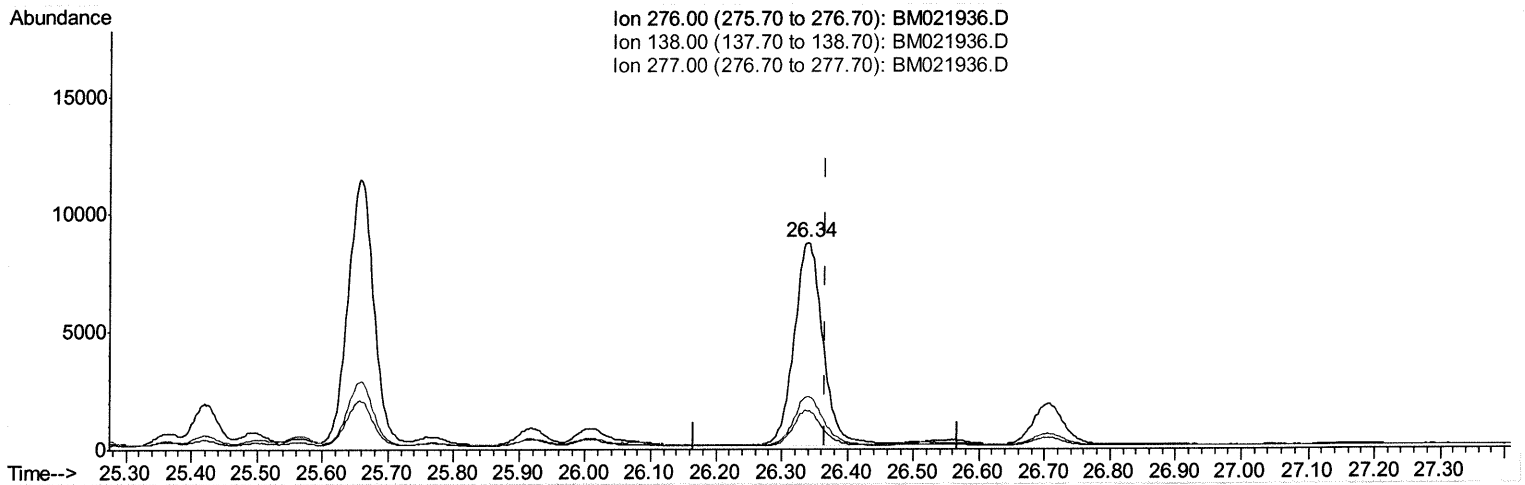
Data File : BM021936.D
Acq On : 08 Aug 2019 16:53
Operator : HP/JU
Sample : K4029-20
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENT9

Manual Integrations
APPROVED

mohammad
8/9/2019 6:13:06 AM

Quant Time: Aug 09 01:23:25 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 : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration



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

26.341min (-0.026) 1.38ng/ul m

JU 08/09/19

response 25723

Ion	Exp%	Act%
276.00	100	100
138.00	19.40	18.54
277.00	26.80	25.52
0.00	0.00	0.00

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

Data File : BM021936.D
Acq On : 08 Aug 2019 16:53
Operator : HP/JU
Sample : K4029-20
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleID :
BENT9

Manual Integrations
APPROVED

mohammad
8/9/2019 6:13:06 AM

Quant Time: Aug 09 01:25:46 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 : Fri Aug 09 00:56:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	935	0.40	ng/ul	0.00
2) Naphthalene-d8	10.40	136	4002	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	2201	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	5050m →	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	5064m →	0.40	ng/ul	-0.01
20) Perylene-d12	23.45	264	5066m →	0.40	ng/ul	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.01	152	1429	0.22	ng/ul	-0.02
14) Fluoranthene-d10	19.07	212	4248m →	0.25	ng/ul	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.45	128	1086	0.096	ng/ul#	92
5) 2-Methylnaphthalene	12.08	142	607	0.081	ng/ul	95
7) Acenaphthylene	14.00	152	3389	0.330	ng/ul#	84
8) Acenaphthene	14.33	153	1482	0.176	ng/ul	97
9) Fluorene	15.33	166	1744	0.187	ng/ul	99
12) Phenanthrene	17.07	178	39060m →	2.658	ng/ul	99
13) Anthracene	17.16	178	9975m →	0.796	ng/ul	99
15) Fluoranthene	19.10	202	87049m →	4.422	ng/ul	99
17) Pyrene	19.46	202	99802	4.796	ng/ul	99
18) Benzo(a)anthracene	21.22	228	61046m →	3.370	ng/ul	99
19) Chrysene	21.27	228	62933	2.702	ng/ul	99
21) Benzo(b)fluoranthene	22.78	252	66184m →	3.874	ng/ul	99
22) Benzo(k)fluoranthene	22.82	252	25538m →	1.321	ng/ul	99
23) Benzo(a)pyrene	23.35	252	51547m →	2.967	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.66	276	31563m →	1.522	ng/ul	99
25) Dibenzo(a,h)anthracene	25.66	278	9888m →	0.590	ng/ul	99
26) Benzo(g,h,i)perylene	26.34	276	25723m →	1.377	ng/ul	99

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