

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

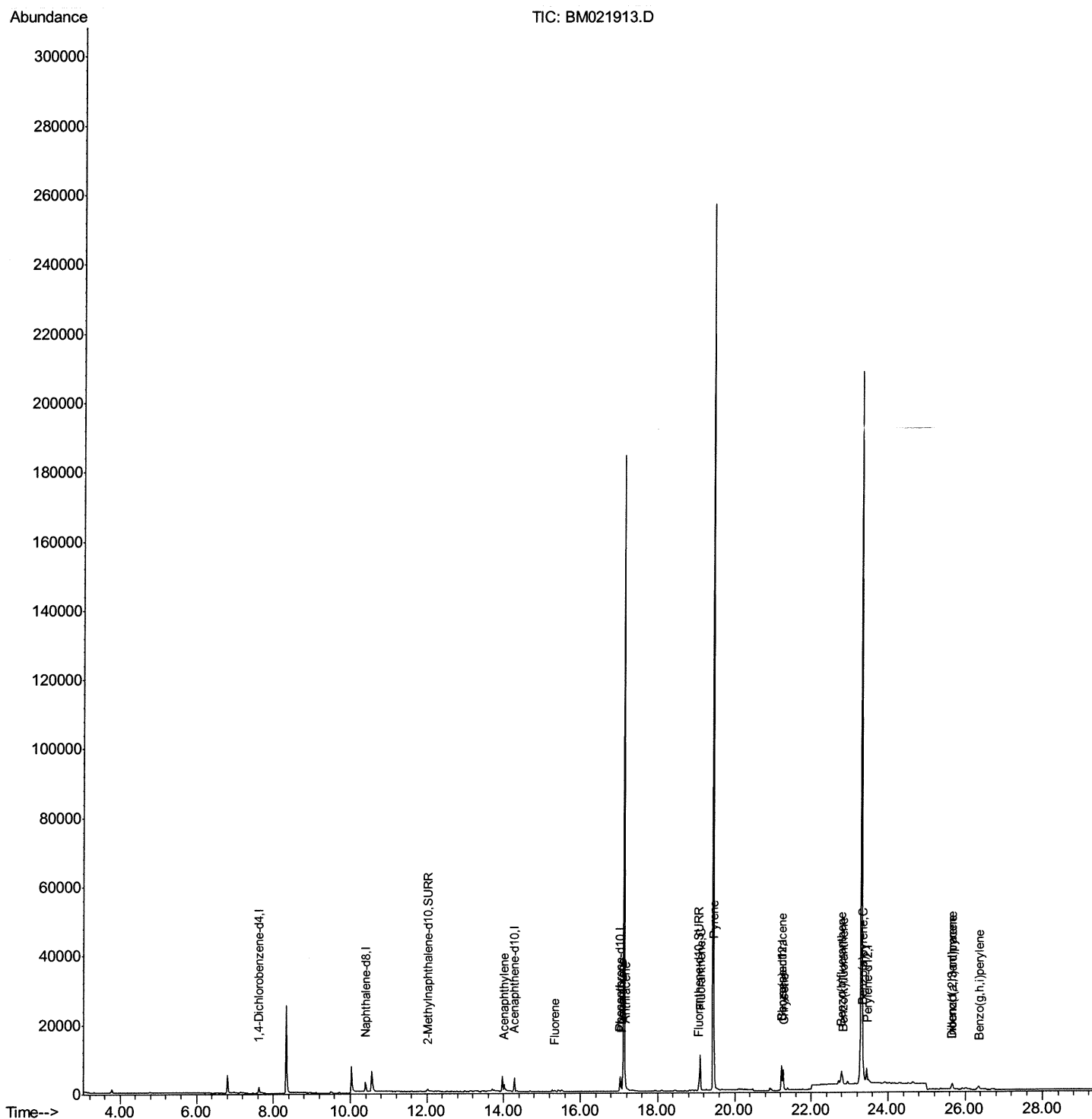
Data File : BM021913.D
Acq On : 08 Aug 2019 01:34
Operator : HP/JU
Sample : K4029-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX7

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:54 AM

Quant Time: Aug 08 06:45:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



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

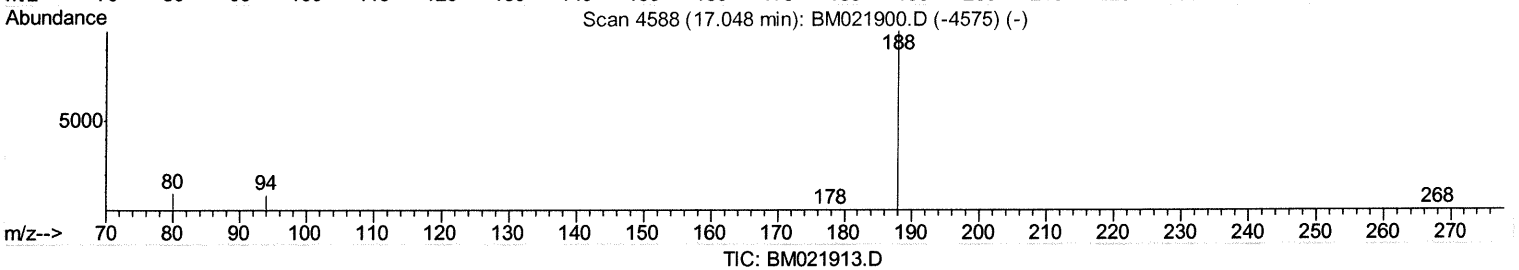
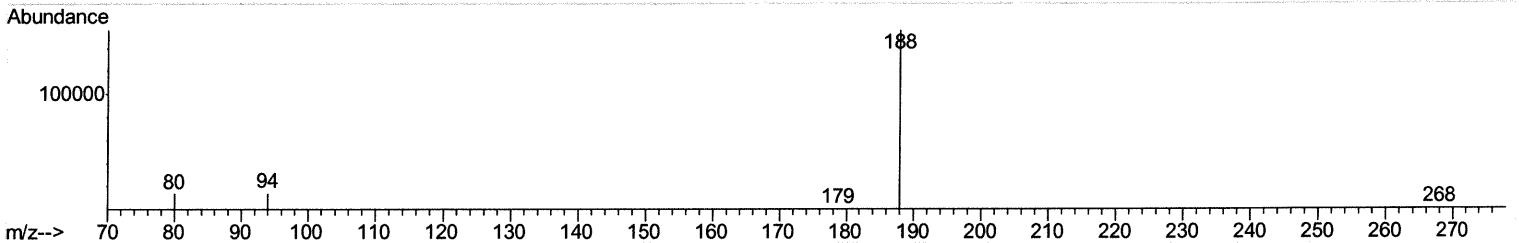
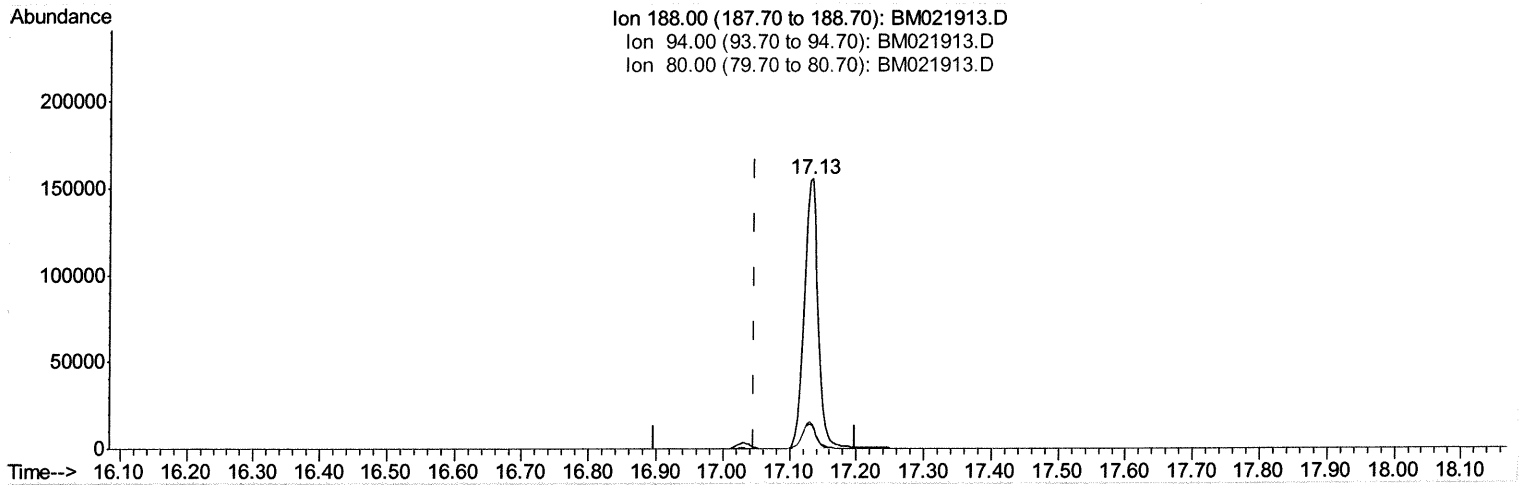
Data File : BM021913.D
Acq On : 08 Aug 2019 01:34
Operator : HP/JU
Sample : K4029-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX7

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:54 AM

Quant Time: Aug 08 04:43:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)
17.133min (+0.085) 0.40ng/ul
response 222365

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	9.26
80.00	11.40	8.70#
0.00	0.00	0.00

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

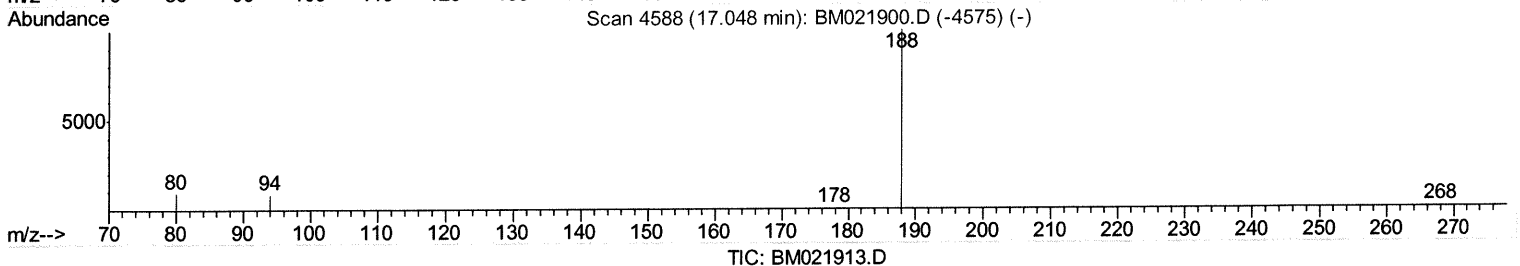
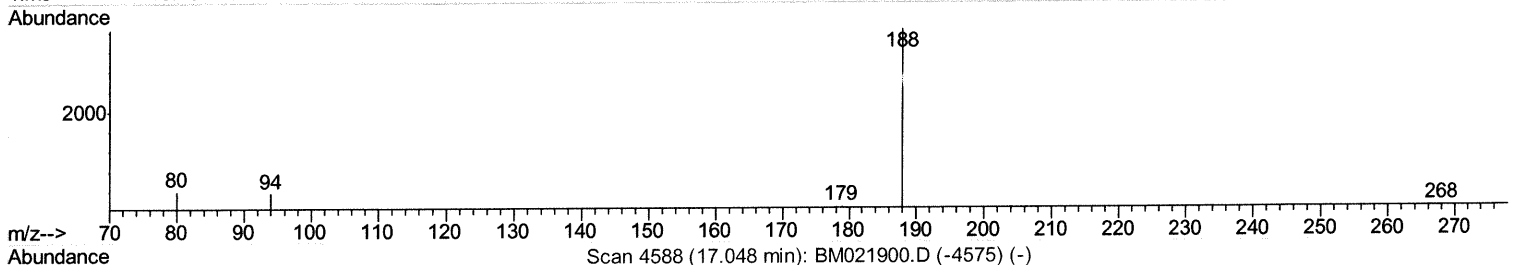
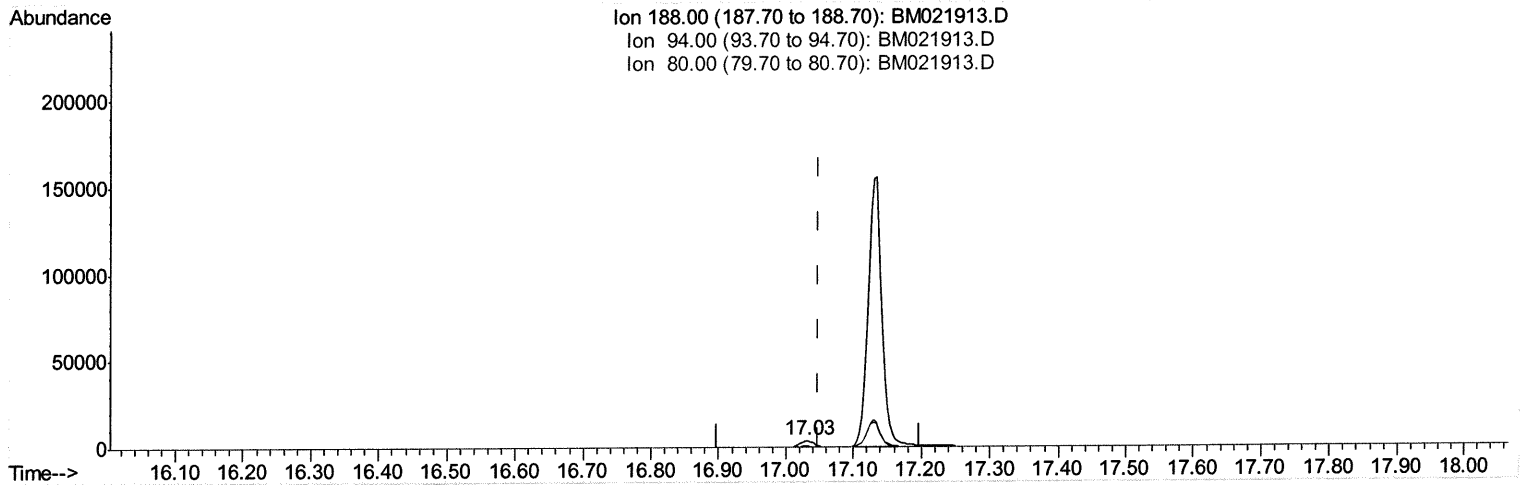
Data File : BM021913.D
Acq On : 08 Aug 2019 01:34
Operator : HP/JU
Sample : K4029-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX7

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:54 AM

Quant Time: Aug 08 04:43:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.032min (-0.015) 0.40ng/ul m

JU 08/08/19

response 5046

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	10.12
80.00	11.40	11.03
0.00	0.00	0.00

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

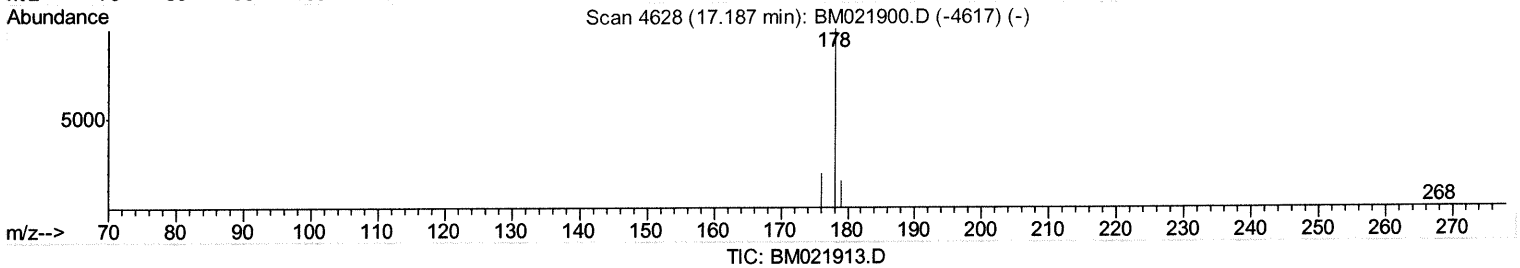
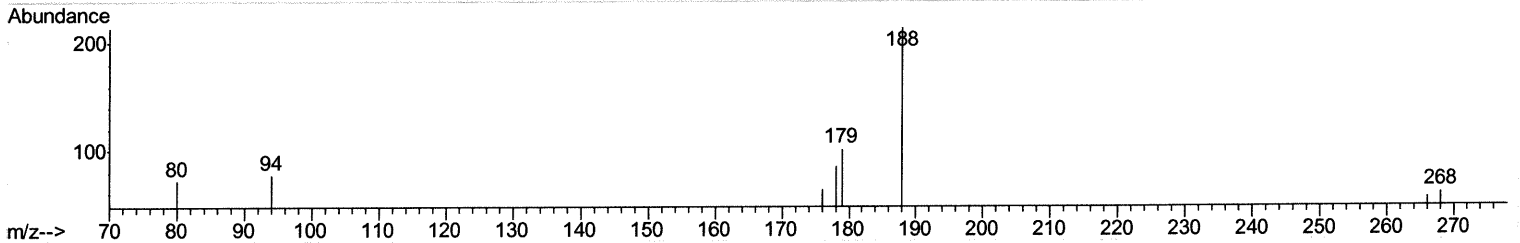
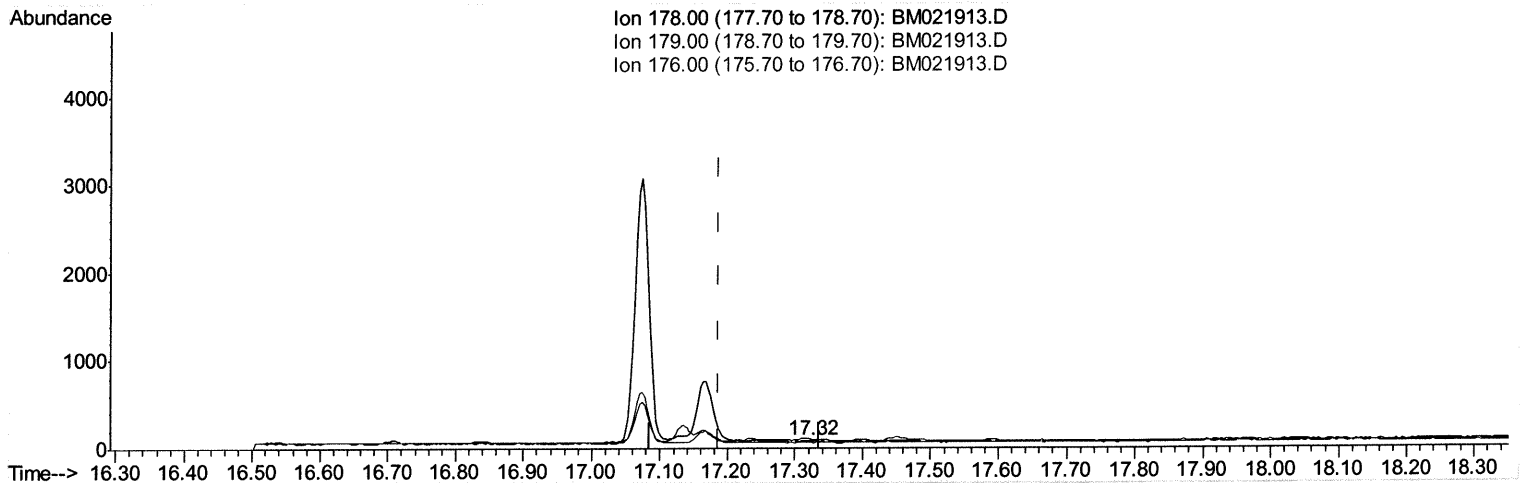
Data File : BM021913.D
Acq On : 08 Aug 2019 01:34
Operator : HP/JU
Sample : K4029-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX7

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:54 AM

Quant Time: Aug 08 06:40:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



(13) Anthracene

17.324min (+0.137) 0.00ng/ul

response 24

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	118.60#
176.00	20.80	74.42#
0.00	0.00	0.00

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

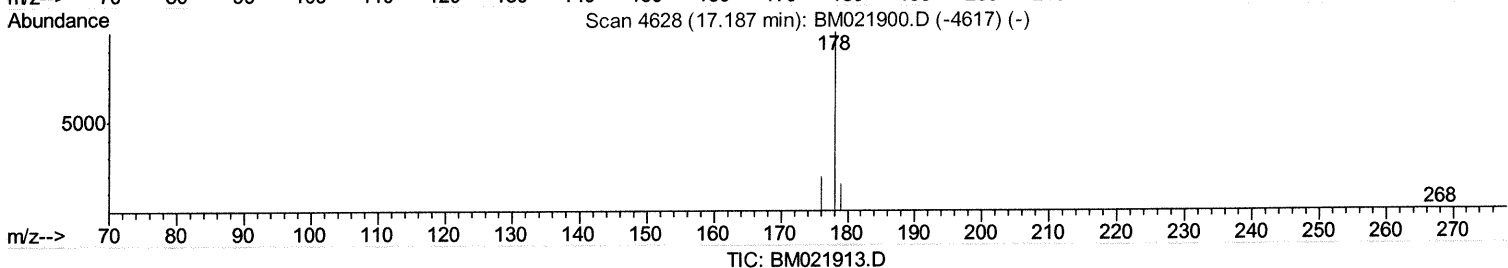
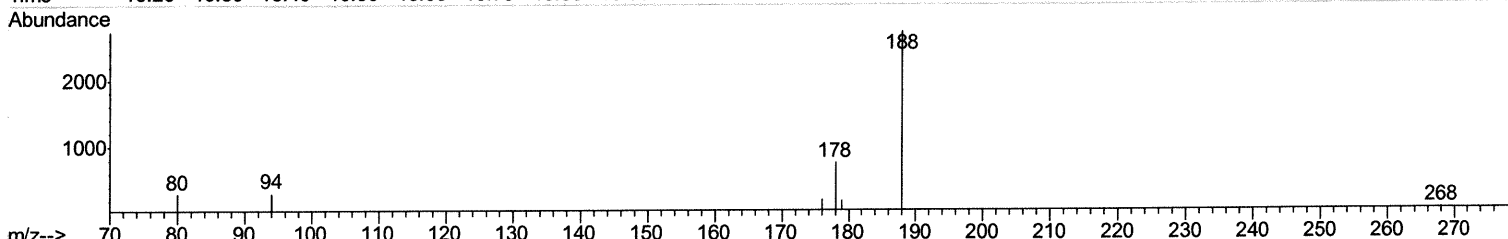
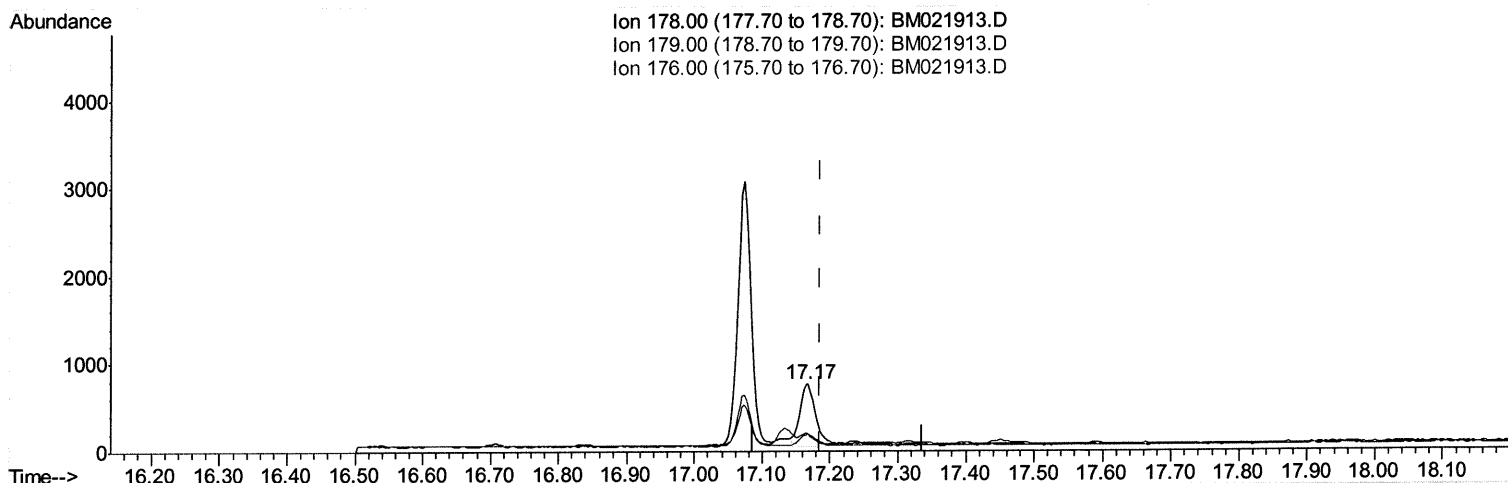
Data File : BM021913.D
Acq On : 08 Aug 2019 01:34
Operator : HP/JU
Sample : K4029-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX7

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:54 AM

Quant Time: Aug 08 06:40:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



(13) Anthracene

17.168min (-0.019) 0.09ng/ul m

JU
08/08/19

response 1170

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	25.72#
176.00	20.80	27.17#
0.00	0.00	0.00

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

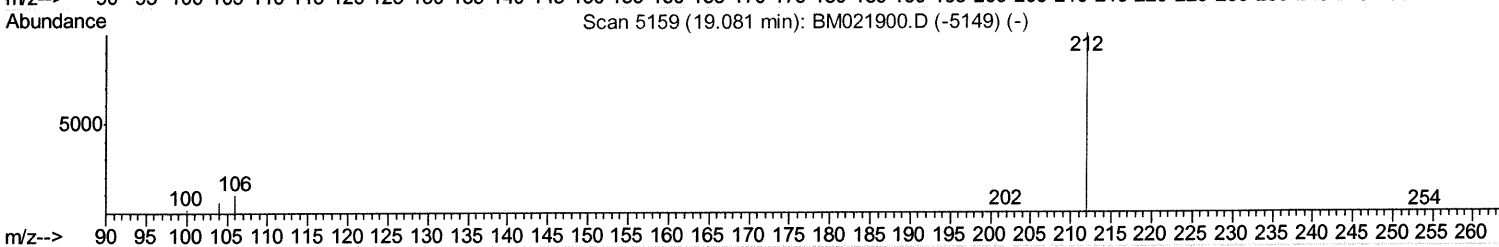
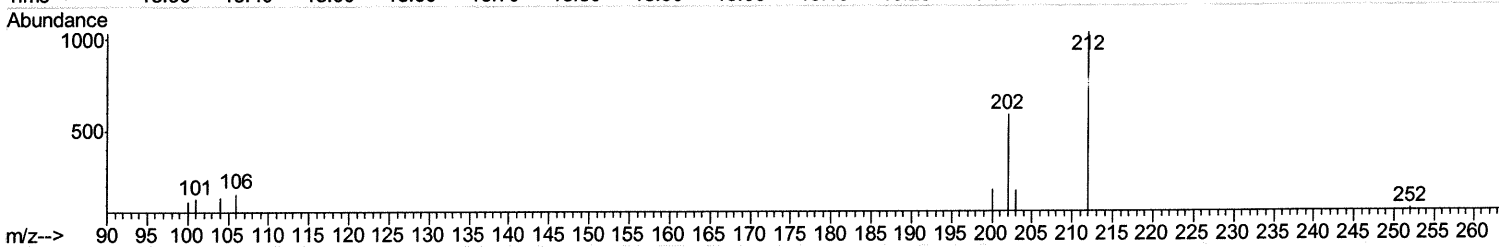
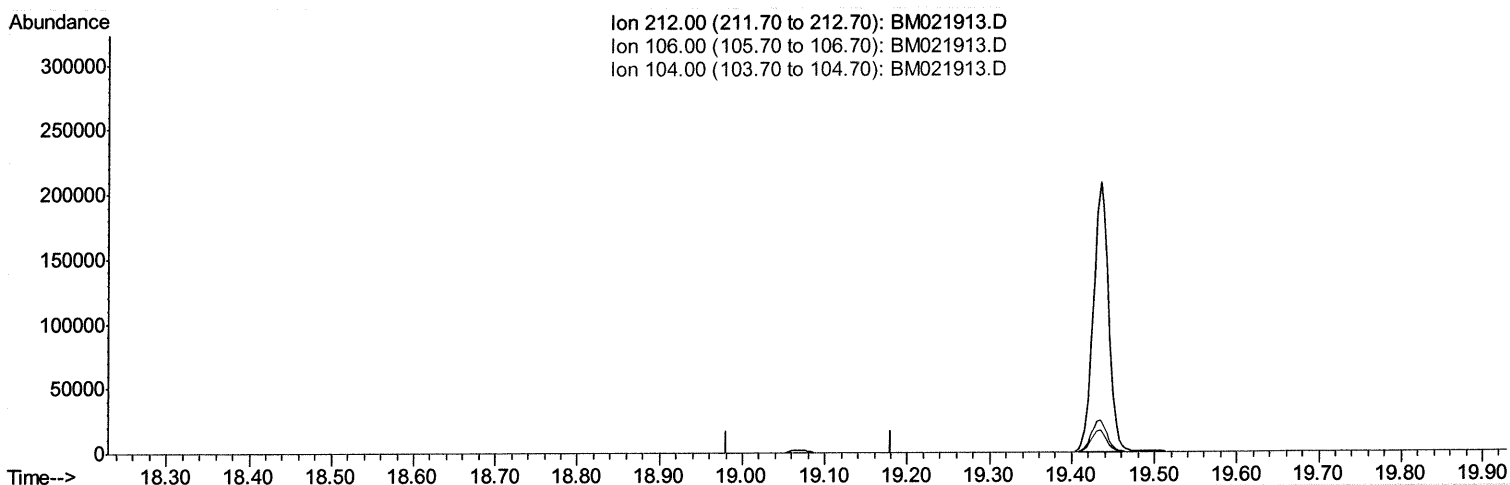
Data File : BM021913.D
Acq On : 08 Aug 2019 01:34
Operator : HP/JU
Sample : K4029-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX7

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:54 AM

Quant Time: Aug 08 06:40:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



TIC: BM021913.D

(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)

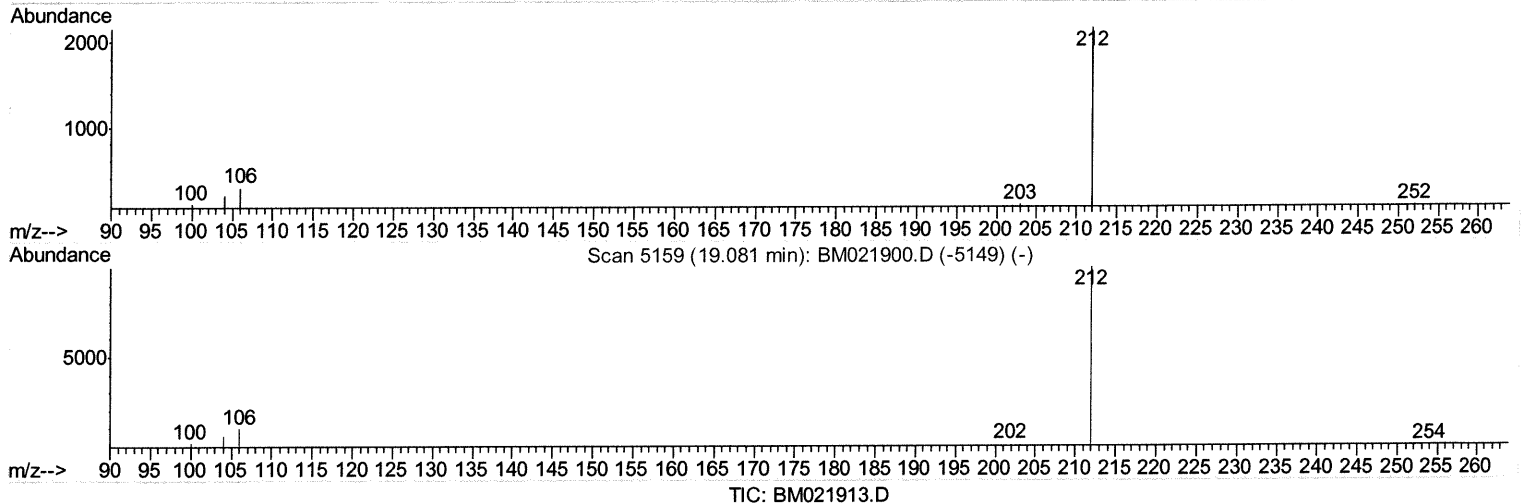
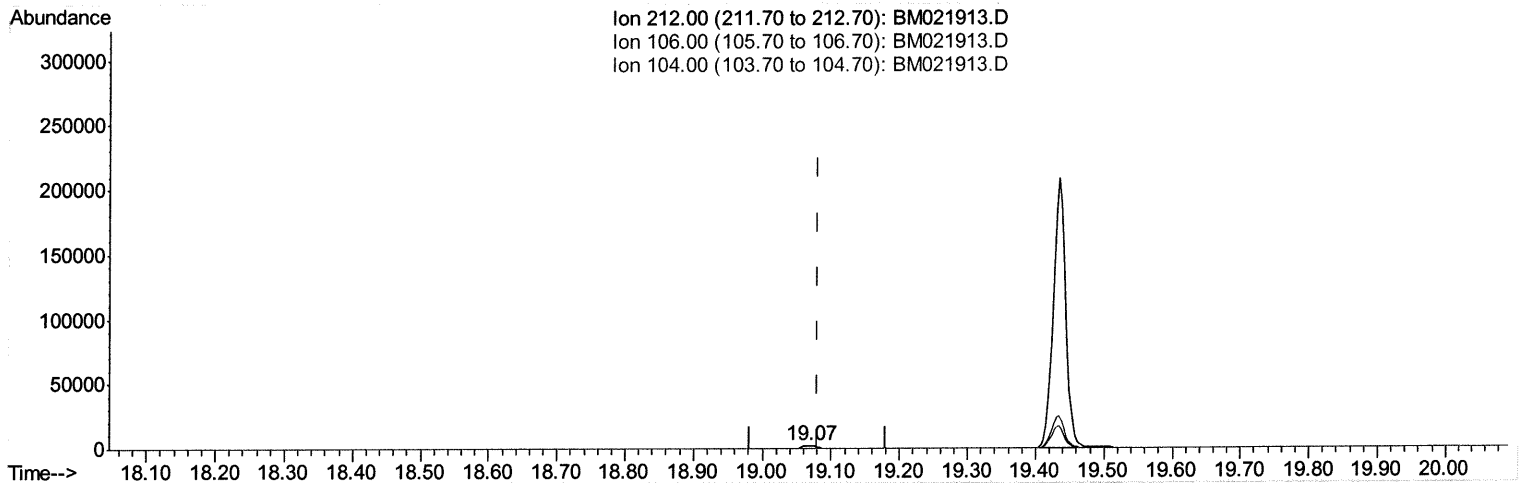
Data File : BM021913.D
Acq On : 08 Aug 2019 01:34
Operator : HP/JU
Sample : K4029-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX7

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:54 AM

Quant Time: Aug 08 06:40:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.068min (-0.013) 0.18ng/ul m

JU
08/08/19

response 2999

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)

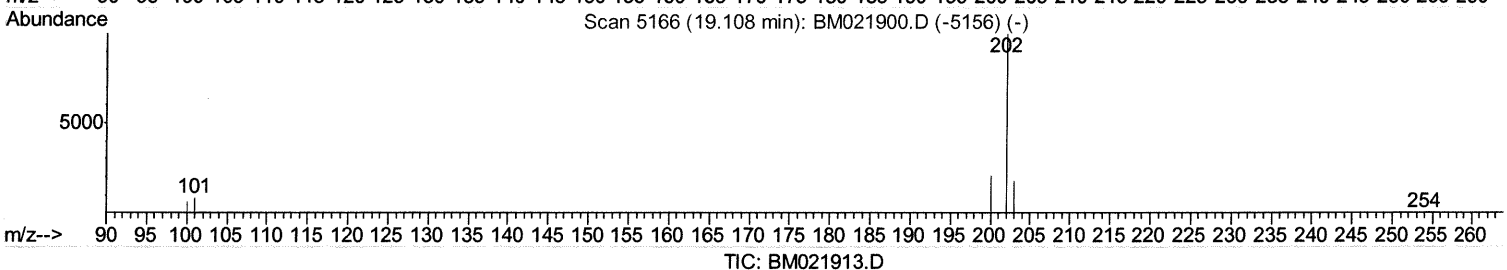
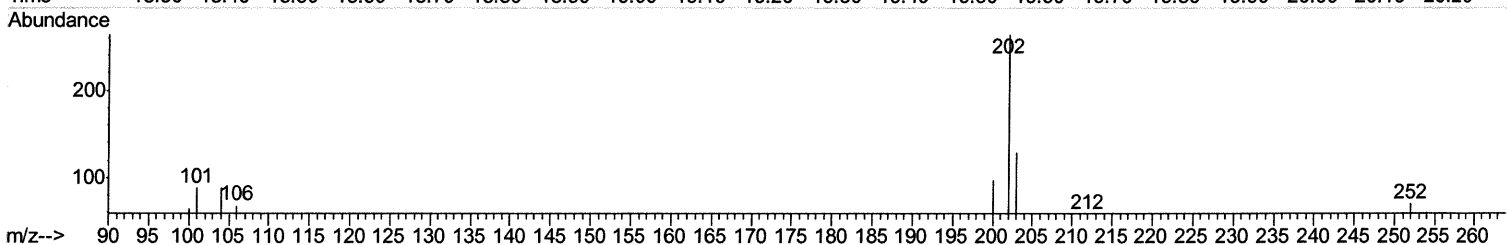
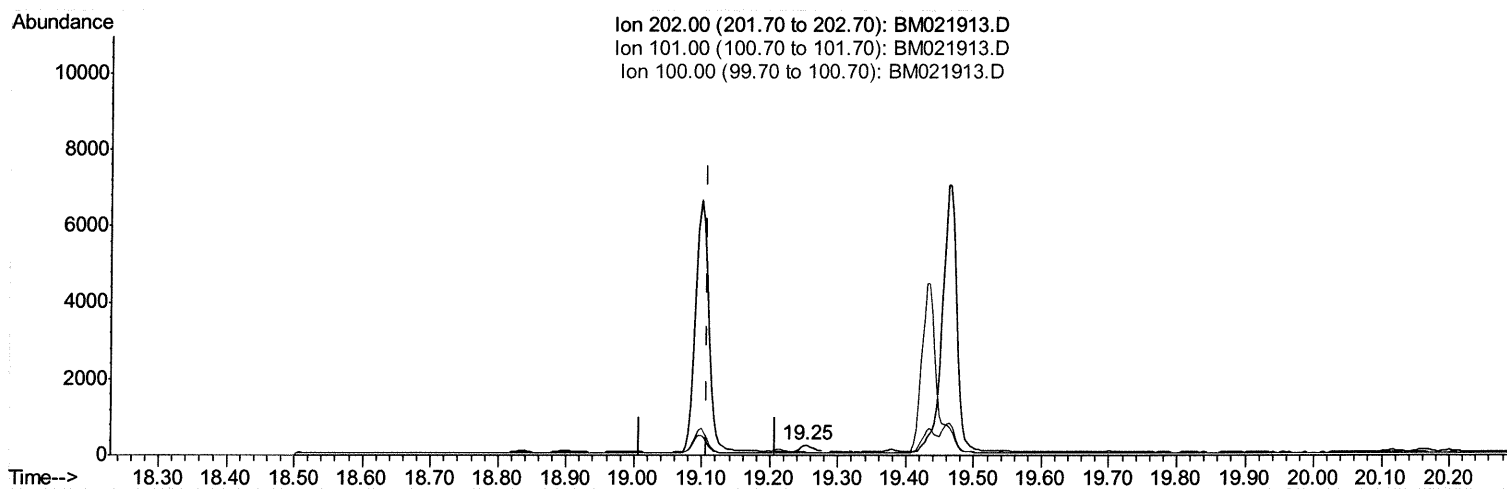
Data File : BM021913.D
Acq On : 08 Aug 2019 01:34
Operator : HP/JU
Sample : K4029-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX7

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:54 AM

Quant Time: Aug 08 06:40:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



(15) Fluoranthene (C)

19.251min (+0.143) 0.01ng/ul

response 235

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	33.33#
100.00	8.10	24.24
0.00	0.00	0.00

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

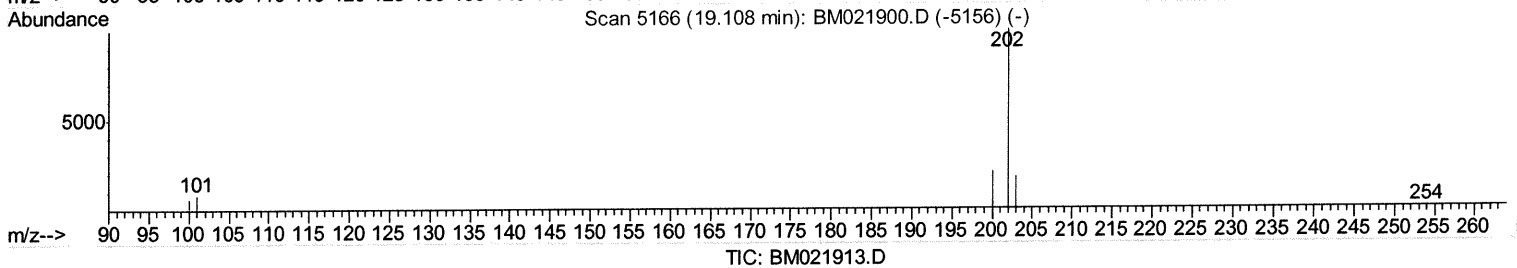
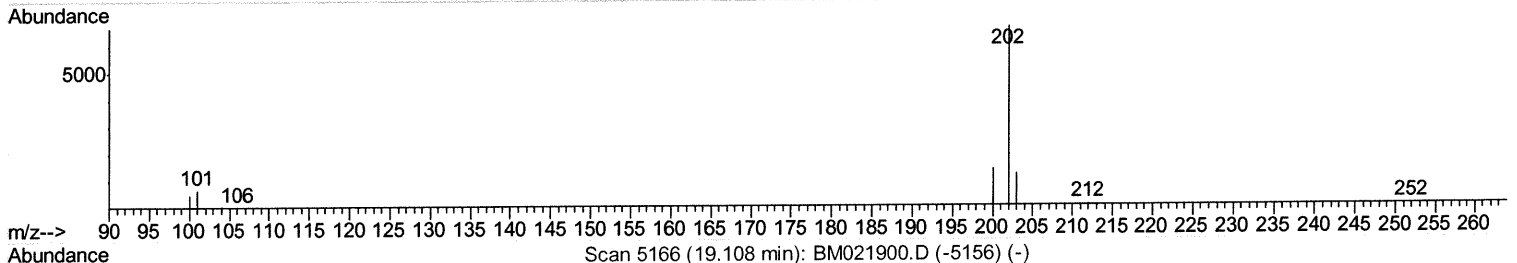
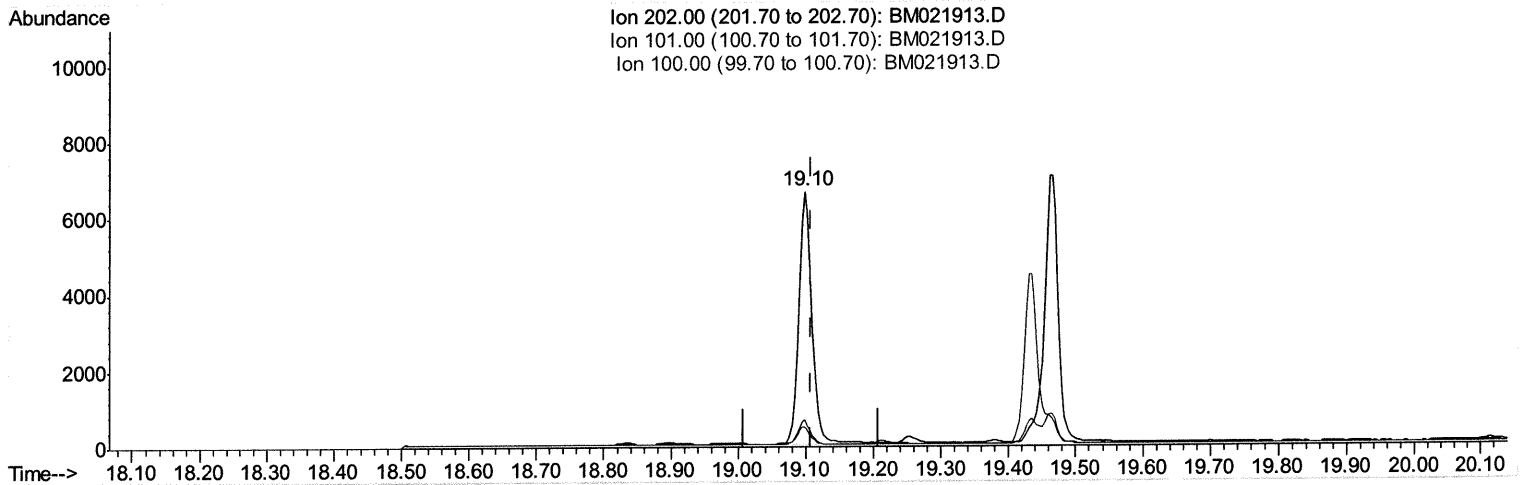
Data File : BM021913.D
Acq On : 08 Aug 2019 01:34
Operator : HP/JU
Sample : K4029-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX7

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:54 AM

Quant Time: Aug 08 06:40:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



(15) Fluoranthene (C)

19.099min (-0.009) 0.45ng/ul m *JU 6/8/2019*

response 8816

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	10.39
100.00	8.10	7.93
0.00	0.00	0.00

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

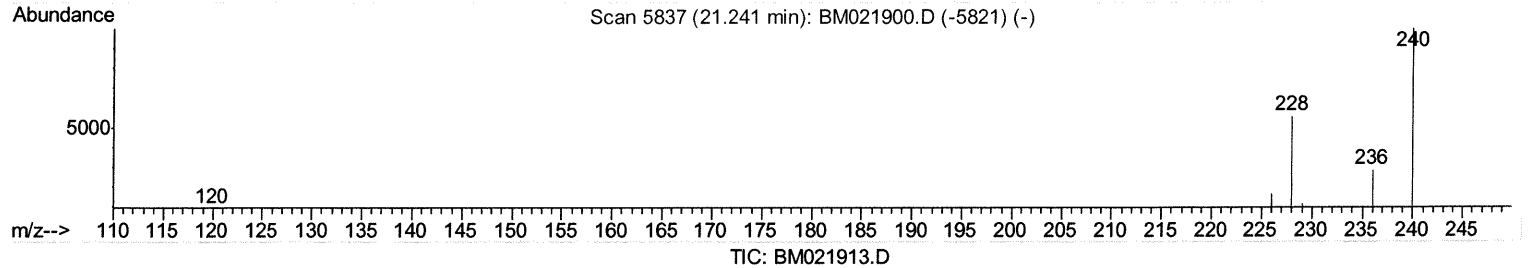
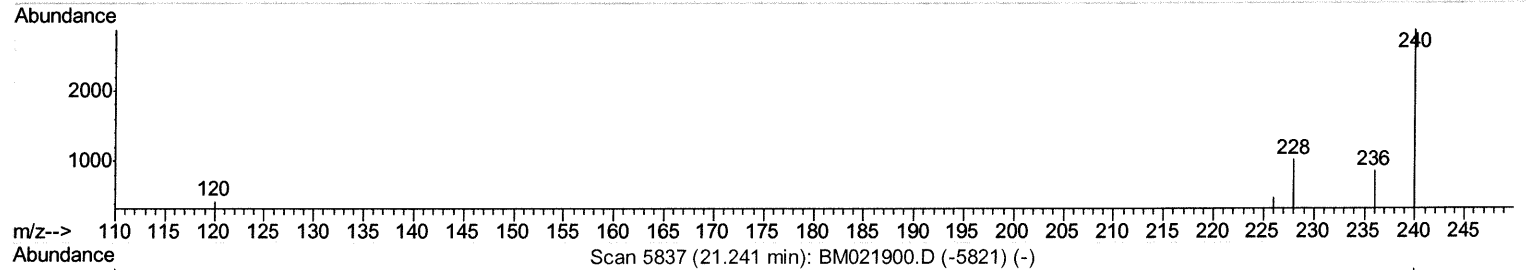
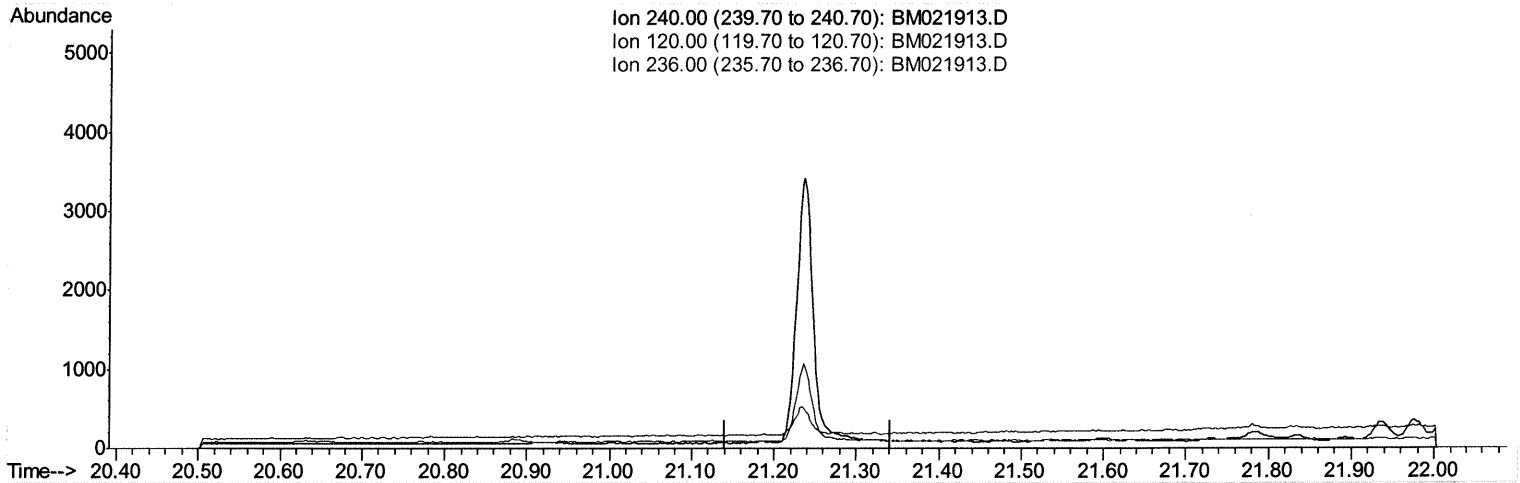
Data File : BM021913.D
Acq On : 08 Aug 2019 01:34
Operator : HP/JU
Sample : K4029-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX7

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:54 AM

Quant Time: Aug 08 06:40:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.241min (-21.241) 0.00ng/ul

response 0

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

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

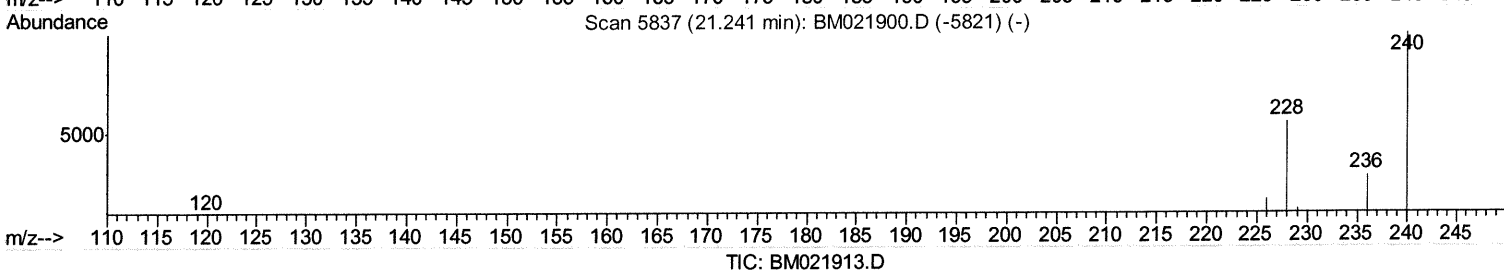
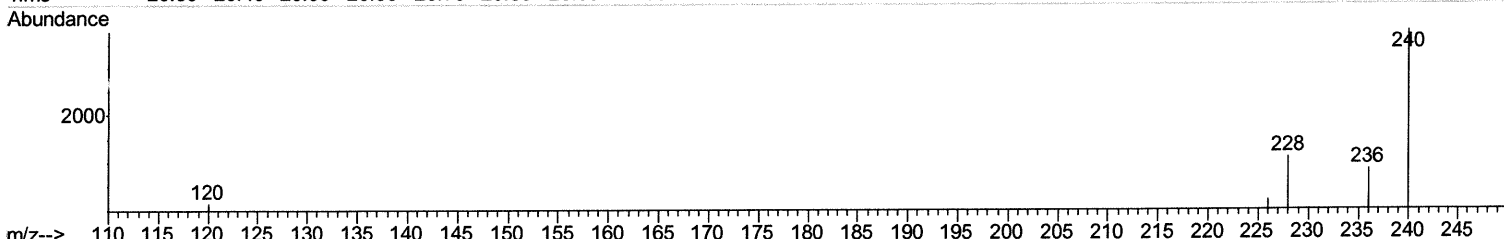
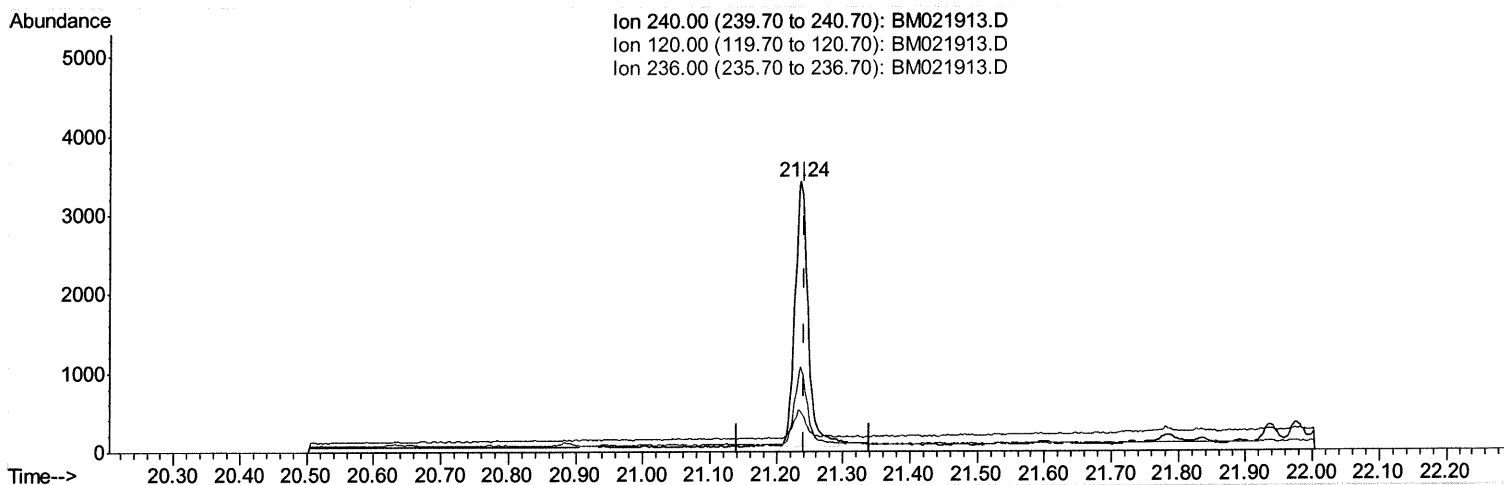
Data File : BM021913.D
Acq On : 08 Aug 2019 01:34
Operator : HP/JU
Sample : K4029-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX7

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:54 AM

Quant Time: Aug 08 06:40:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



(16) Chrysene-d12 (I)

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

response 4709

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	14.83
236.00	32.30	31.33
0.00	0.00	0.00

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

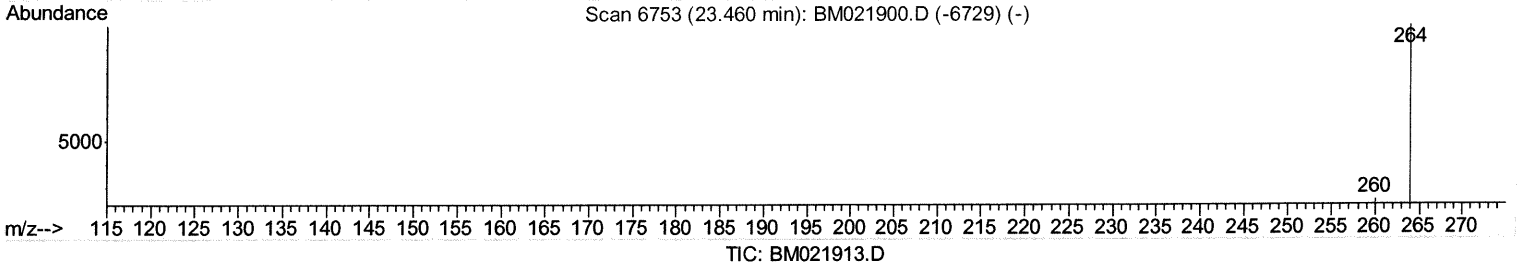
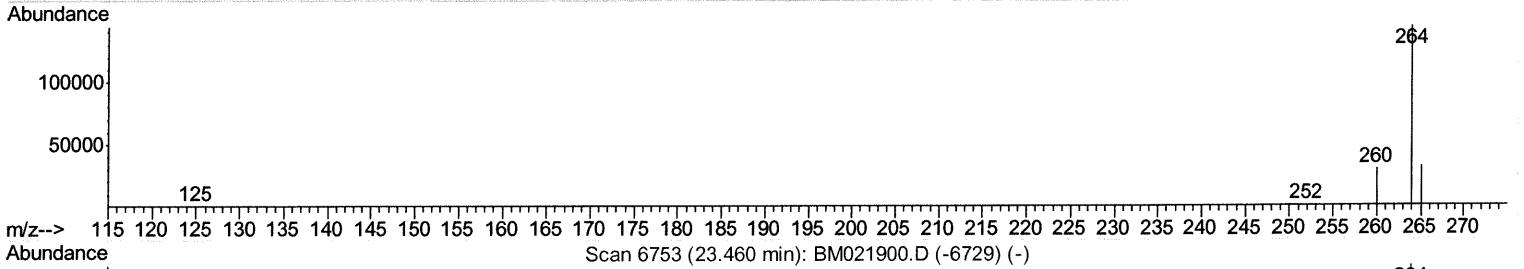
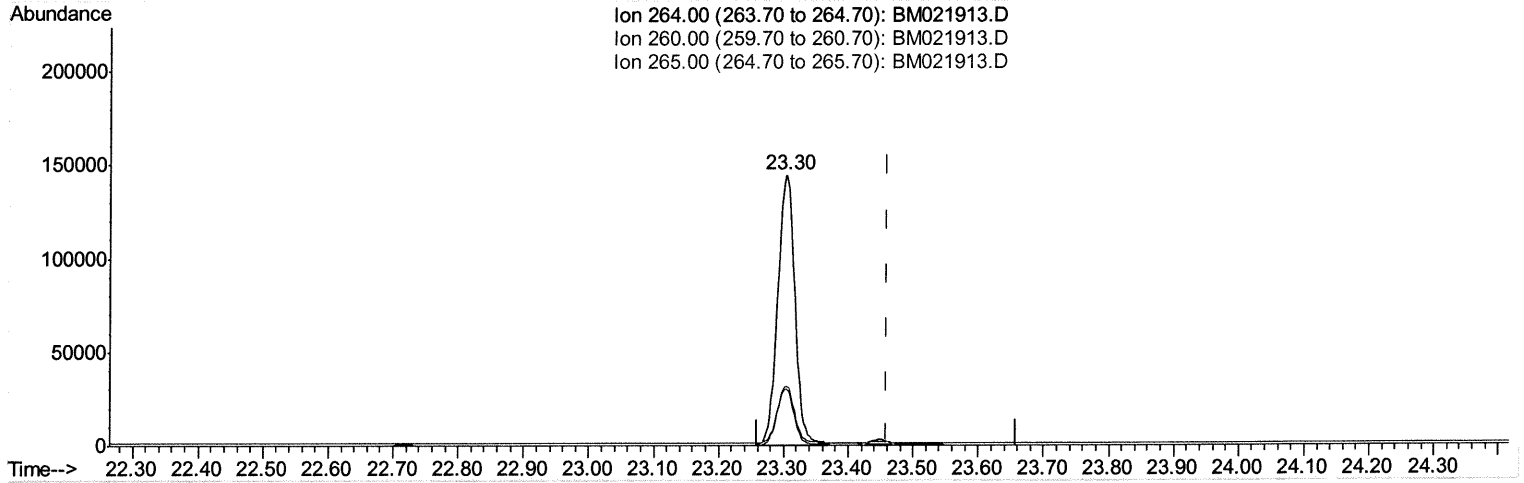
Data File : BM021913.D
Acq On : 08 Aug 2019 01:34
Operator : HP/JU
Sample : K4029-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX7

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:54 AM

Quant Time: Aug 08 06:41:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



(20) Perylene-d12 (I)

23.304min (-0.155) 0.40ng/ul

response 262625

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	20.89#
265.00	117.00	22.05#
0.00	0.00	0.00

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

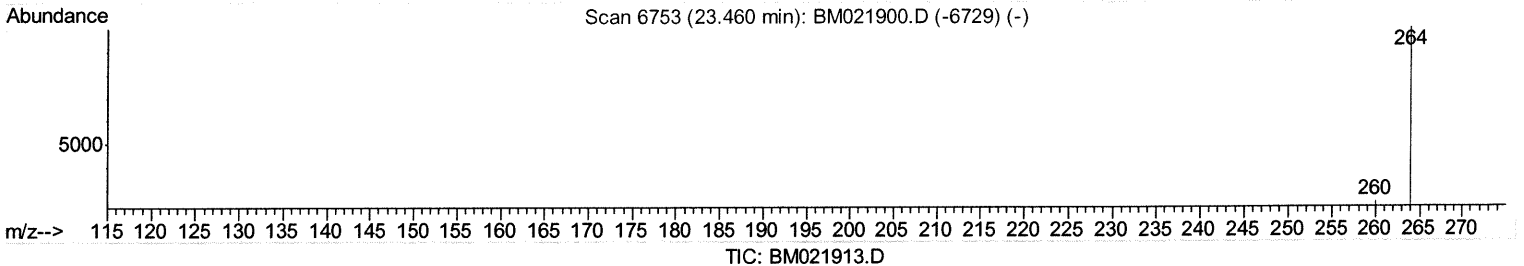
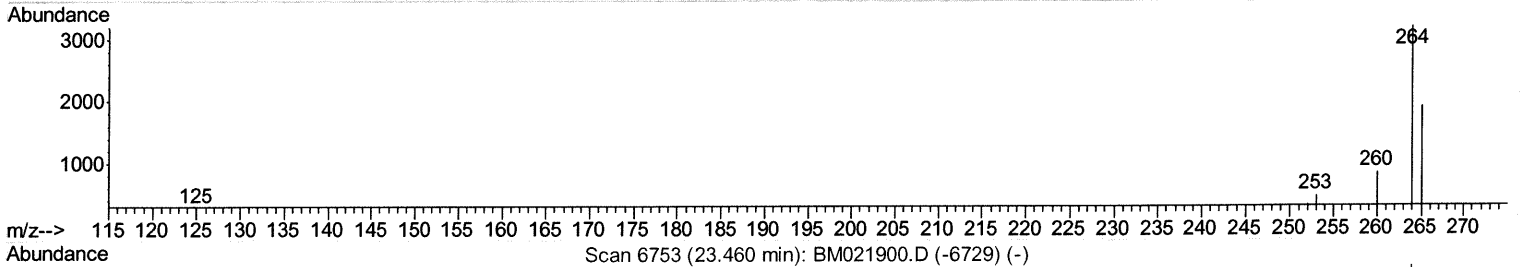
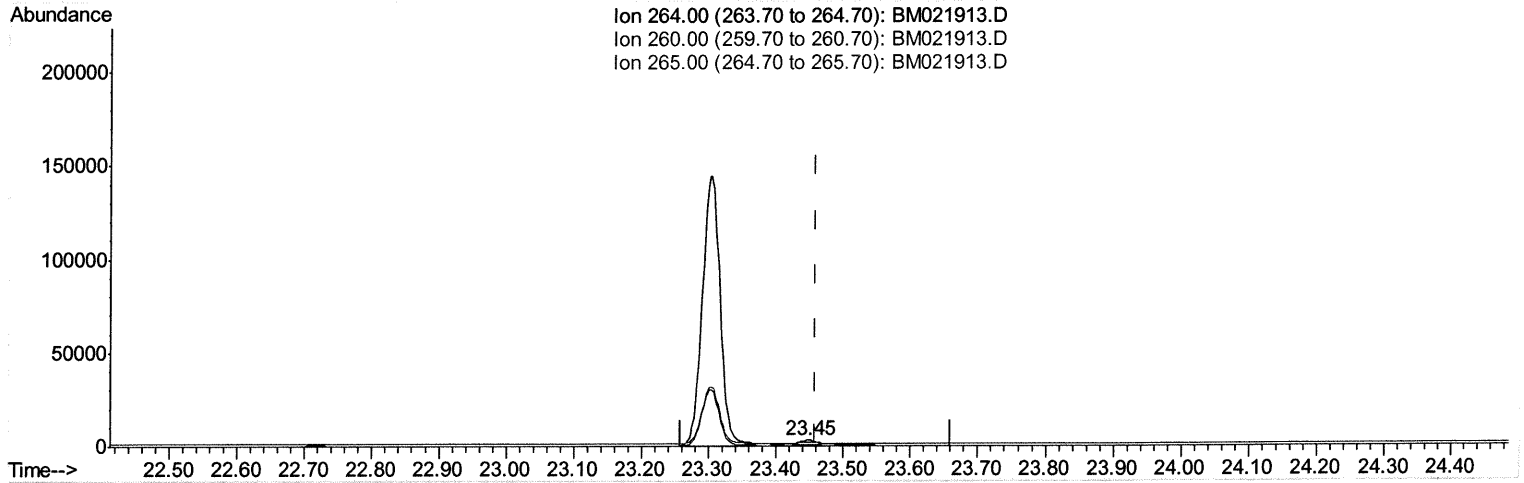
Data File : BM021913.D
Acq On : 08 Aug 2019 01:34
Operator : HP/JU
Sample : K4029-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX7

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:54 AM

Quant Time: Aug 08 06:41:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



(20) Perylene-d12 (I)

23.447min (-0.012) 0.40ng/ul m

response 4650

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	26.18
265.00	117.00	59.42#
0.00	0.00	0.00

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

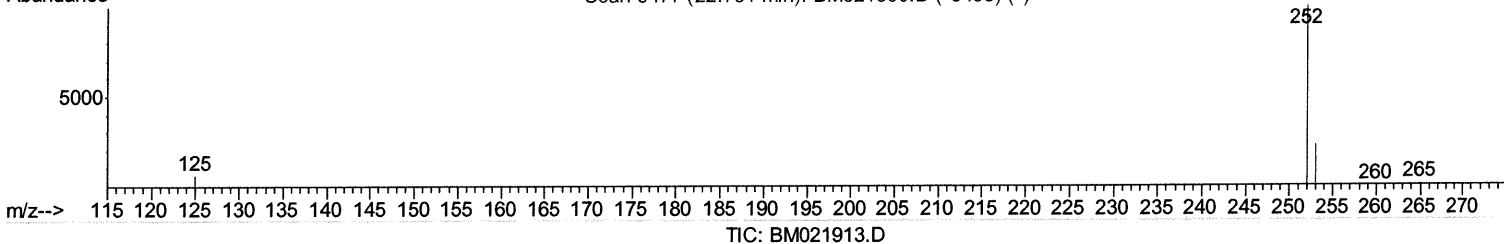
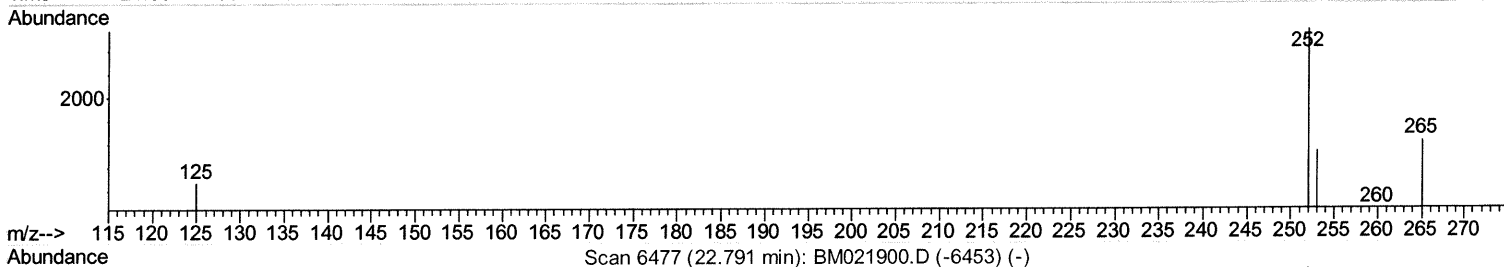
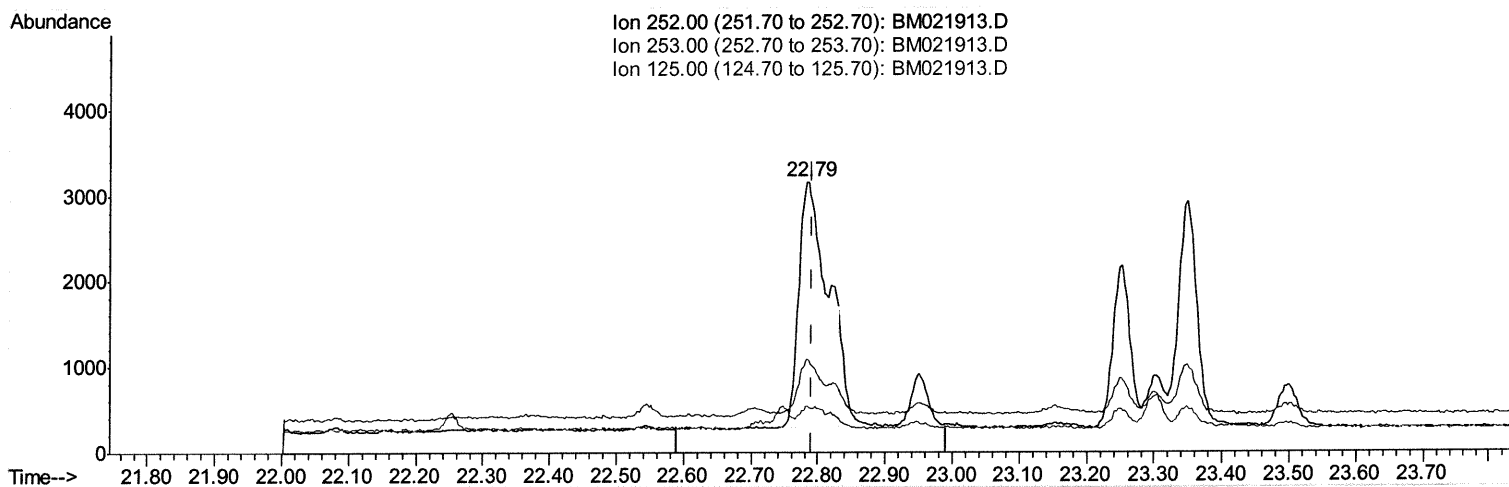
Data File : BM021913.D
Acq On : 08 Aug 2019 01:34
Operator : HP/JU
Sample : K4029-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX7

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:54 AM

Quant Time: Aug 08 06:42:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.786min (-0.005) 0.51ng/ul

response 8074

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	34.19
125.00	15.50	16.94
0.00	0.00	0.00

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

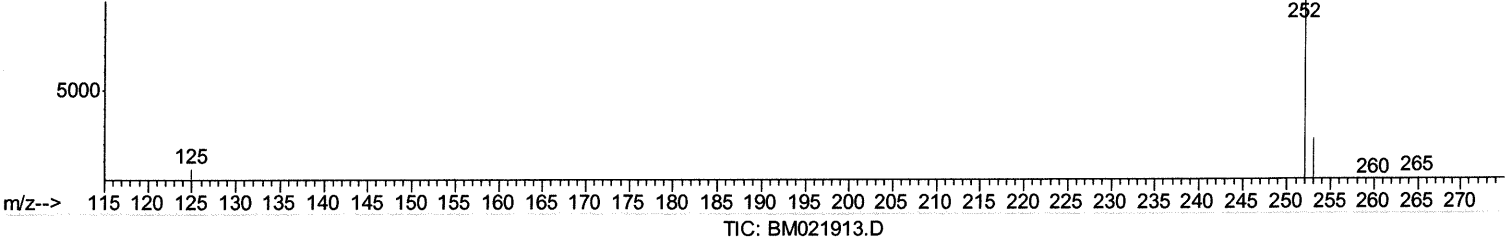
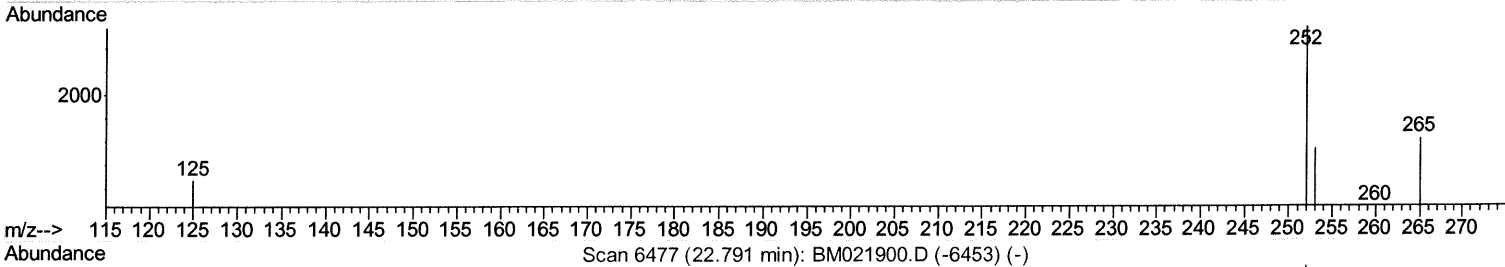
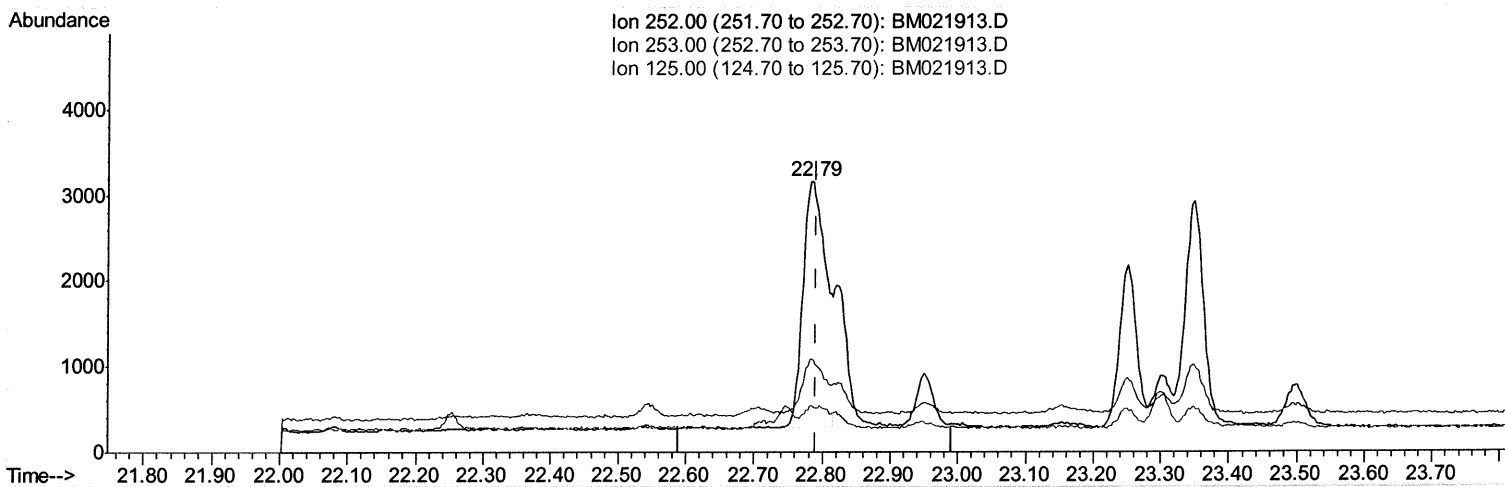
Data File : BM021913.D
Acq On : 08 Aug 2019 01:34
Operator : HP/JU
Sample : K4029-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX7

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:54 AM

Quant Time: Aug 08 06:42:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.786min (-0.005) 0.43ng/ul m *JU 08/08/19*

response 6686

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	34.19
125.00	15.50	16.94
0.00	0.00	0.00

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

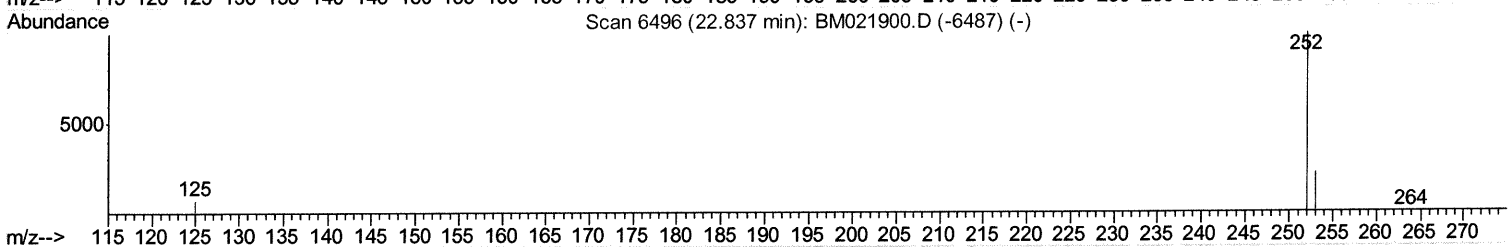
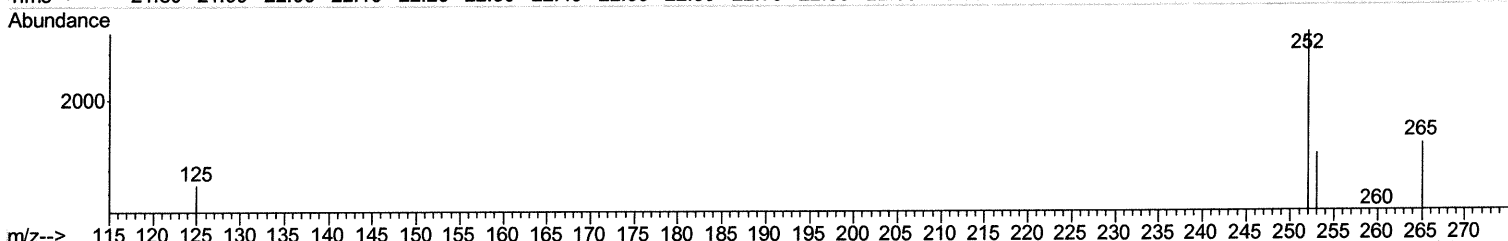
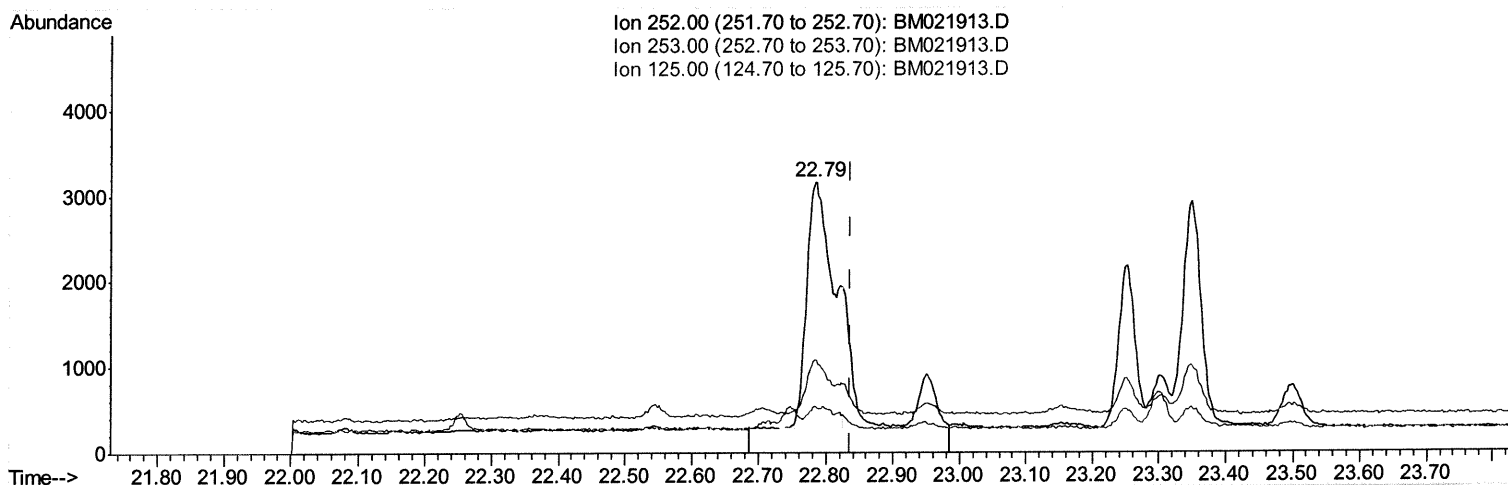
Data File : BM021913.D
Acq On : 08 Aug 2019 01:34
Operator : HP/JU
Sample : K4029-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX7

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:54 AM

Quant Time: Aug 08 06:42:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



TIC: BM021913.D

(22) Benzo(k)fluoranthene

22.786min (-0.051) 0.43ng/ul

response 7688

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	34.19
125.00	15.20	16.94
0.00	0.00	0.00

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

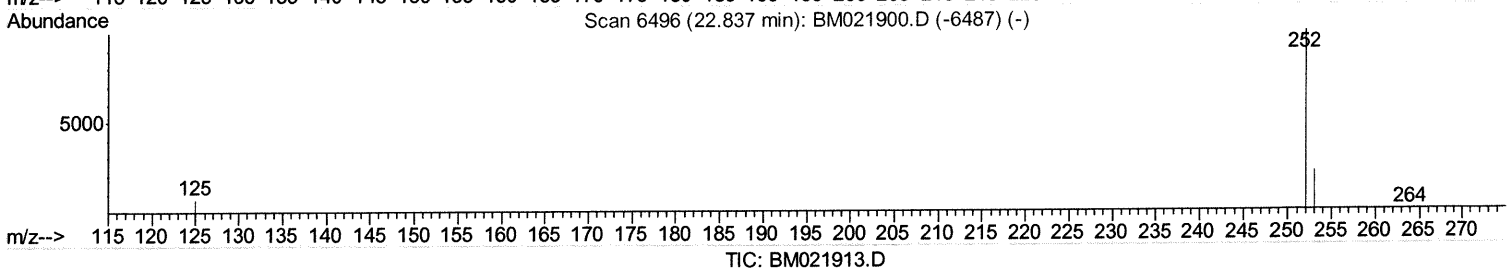
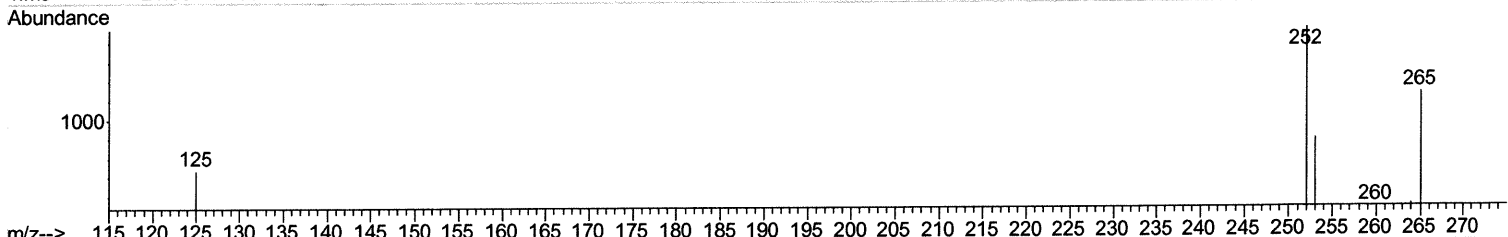
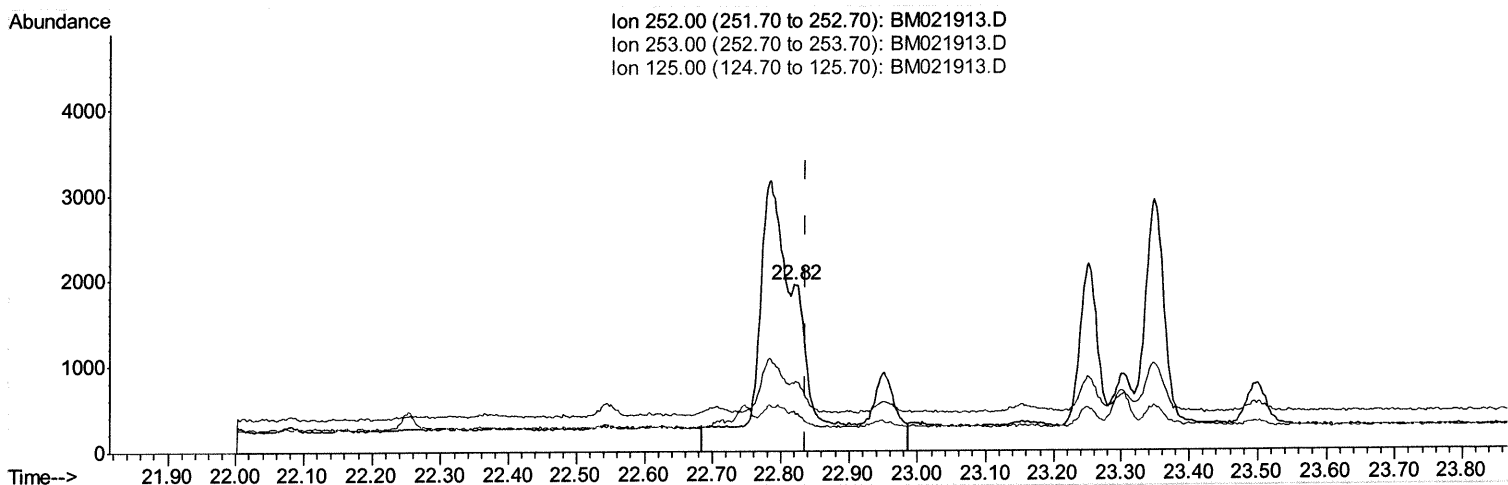
Data File : BM021913.D
Acq On : 08 Aug 2019 01:34
Operator : HP/JU
Sample : K4029-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX7

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:54 AM

Quant Time: Aug 08 06:42:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.820min (-0.017) 0.13ng/ul m

JU
08/08/19

response 2253

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	40.72#
125.00	15.20	24.32#
0.00	0.00	0.00

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

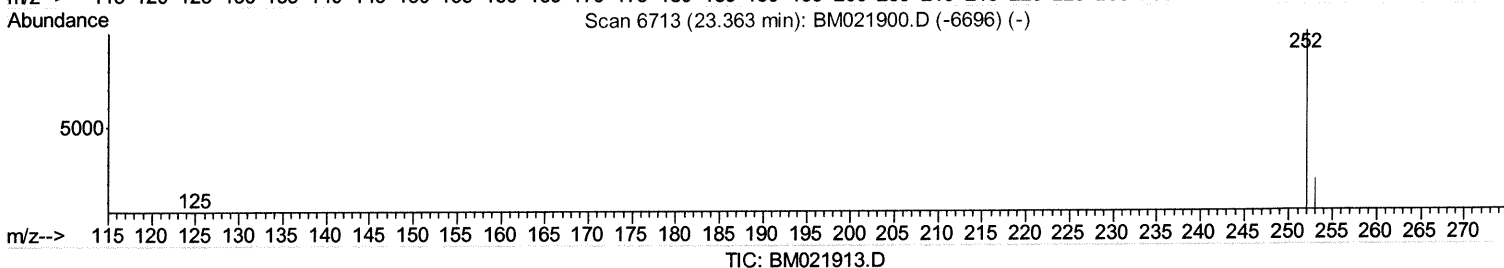
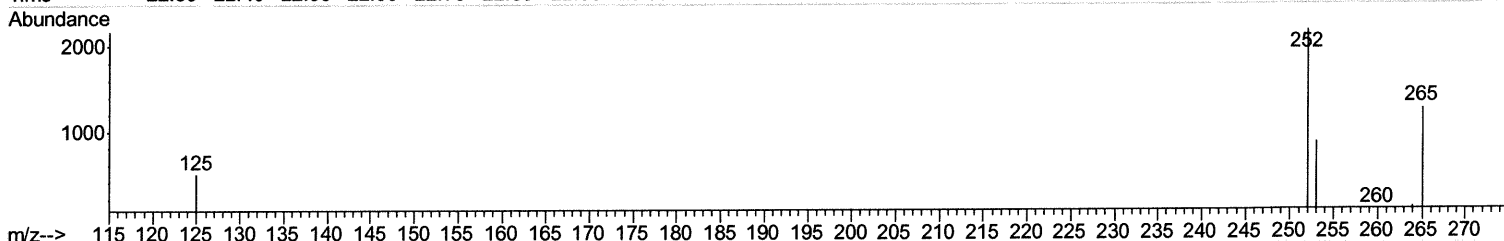
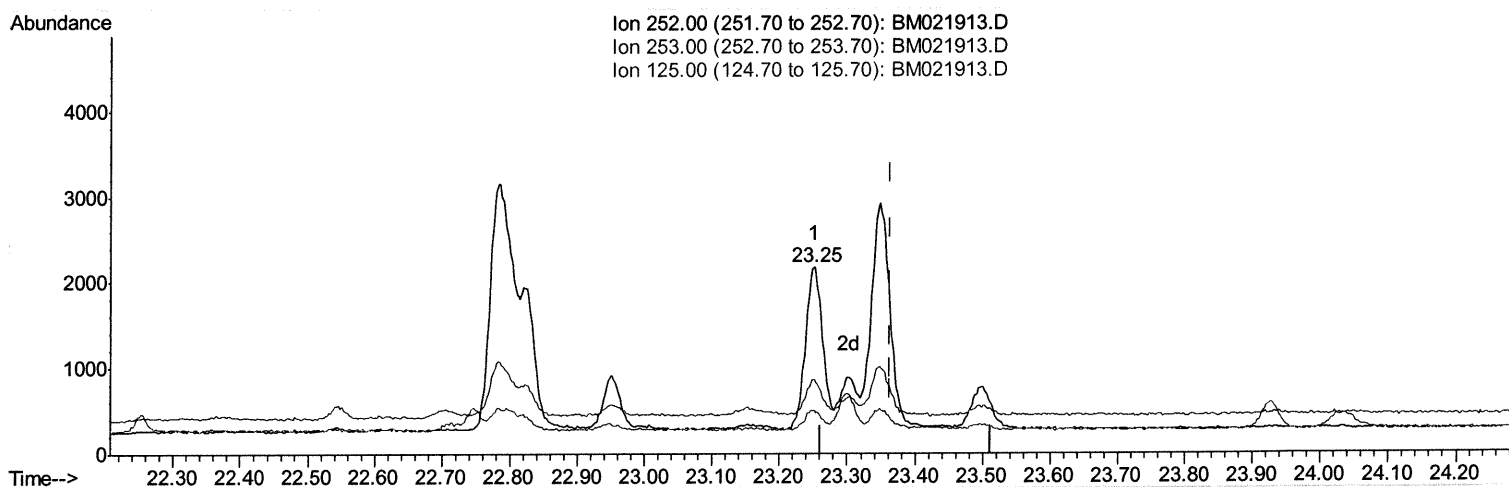
Data File : BM021913.D
Acq On : 08 Aug 2019 01:34
Operator : HP/JU
Sample : K4029-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX7

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:54 AM

Quant Time: Aug 08 06:42:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.251min (-0.112) 0.21ng/ul

response 3365

Ion	Exp%	Act%
252.00	100	100
253.00	39.60	39.67
125.00	18.20	23.06#
0.00	0.00	0.00

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

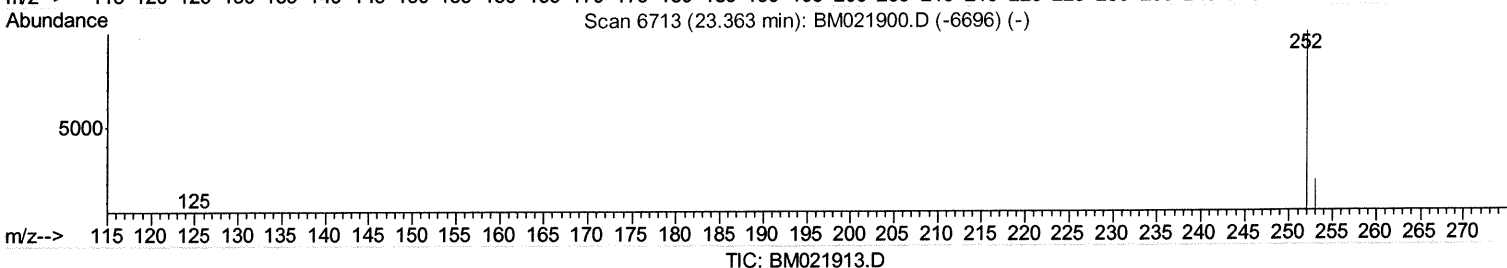
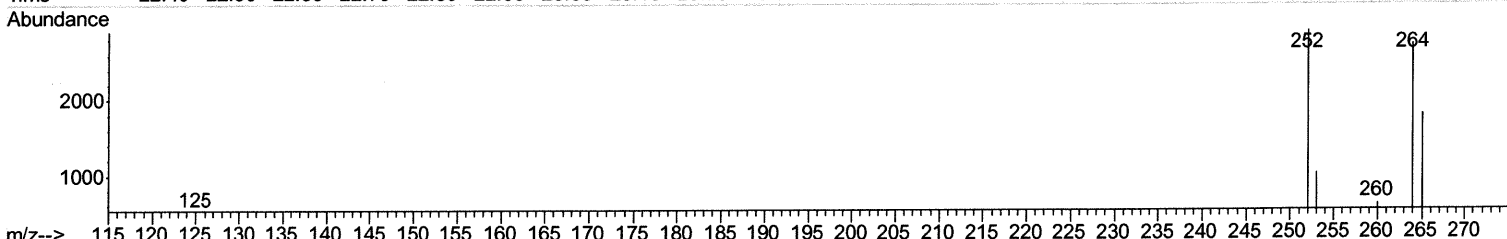
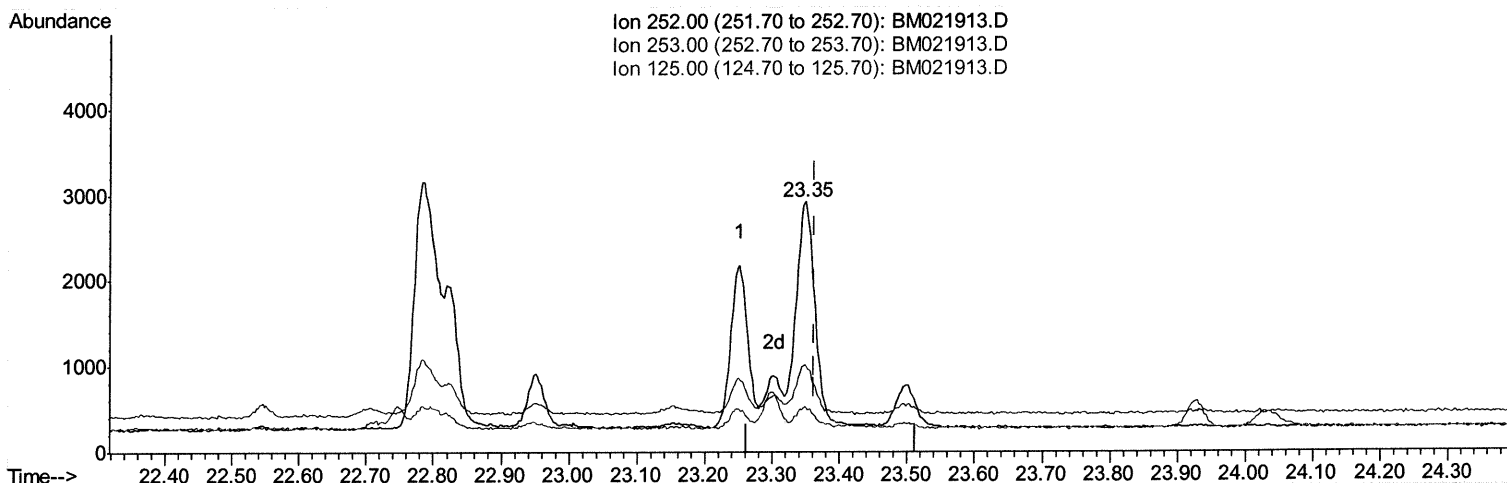
Data File : BM021913.D
Acq On : 08 Aug 2019 01:34
Operator : HP/JU
Sample : K4029-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX7

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:54 AM

Quant Time: Aug 08 06:42:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.348min (-0.015) 0.31ng/ul m *JU* *08/08/19*

response 4956

Ion	Exp%	Act%
252.00	100	100
253.00	39.60	34.94
125.00	18.20	18.28
0.00	0.00	0.00

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

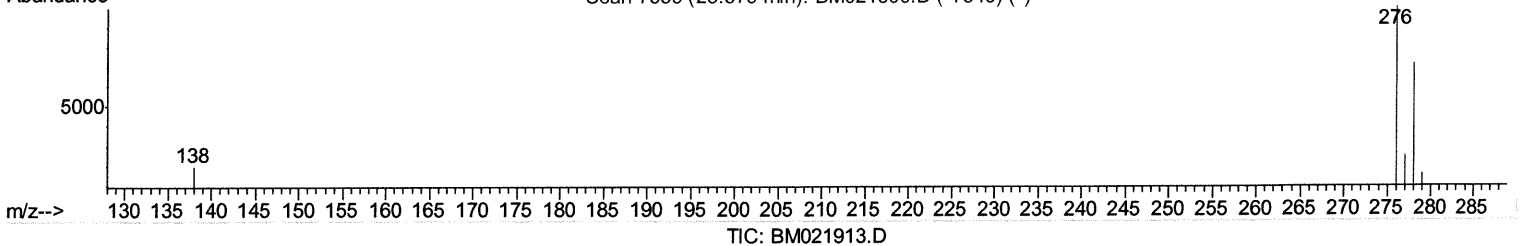
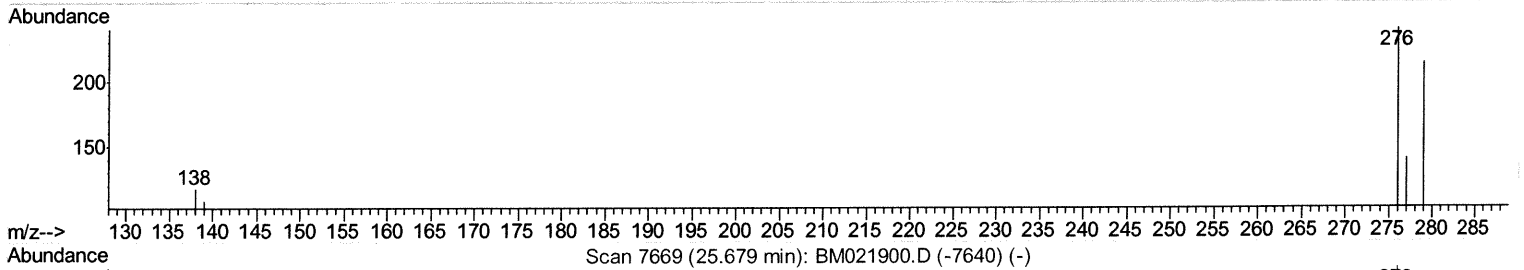
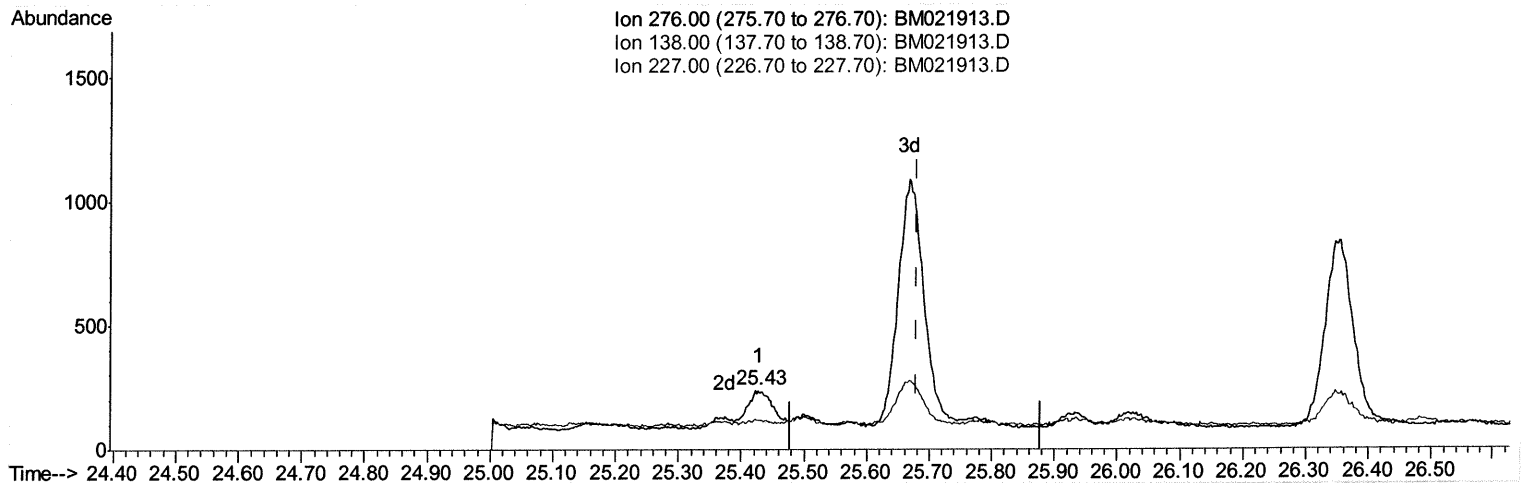
Data File : BM021913.D
Acq On : 08 Aug 2019 01:34
Operator : HP/JU
Sample : K4029-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX7

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:54 AM

Quant Time: Aug 08 06:42:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



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

25.427min (-0.252) 0.02ng/ul

response 338

Ion	Exp%	Act%
276.00	100	100
138.00	18.90	10.65#
227.00	0.00	0.00
0.00	0.00	0.00

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

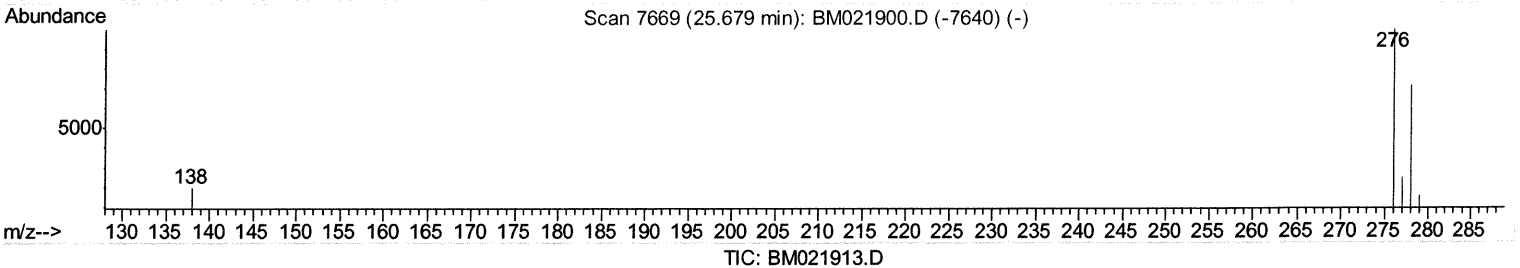
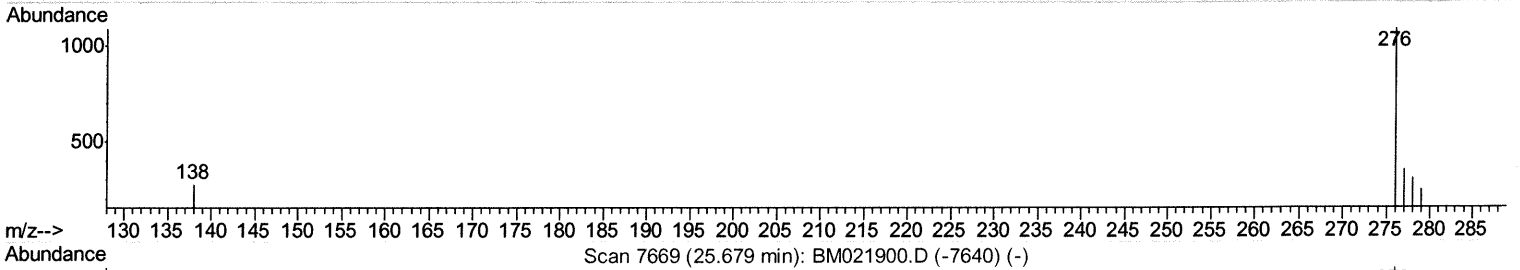
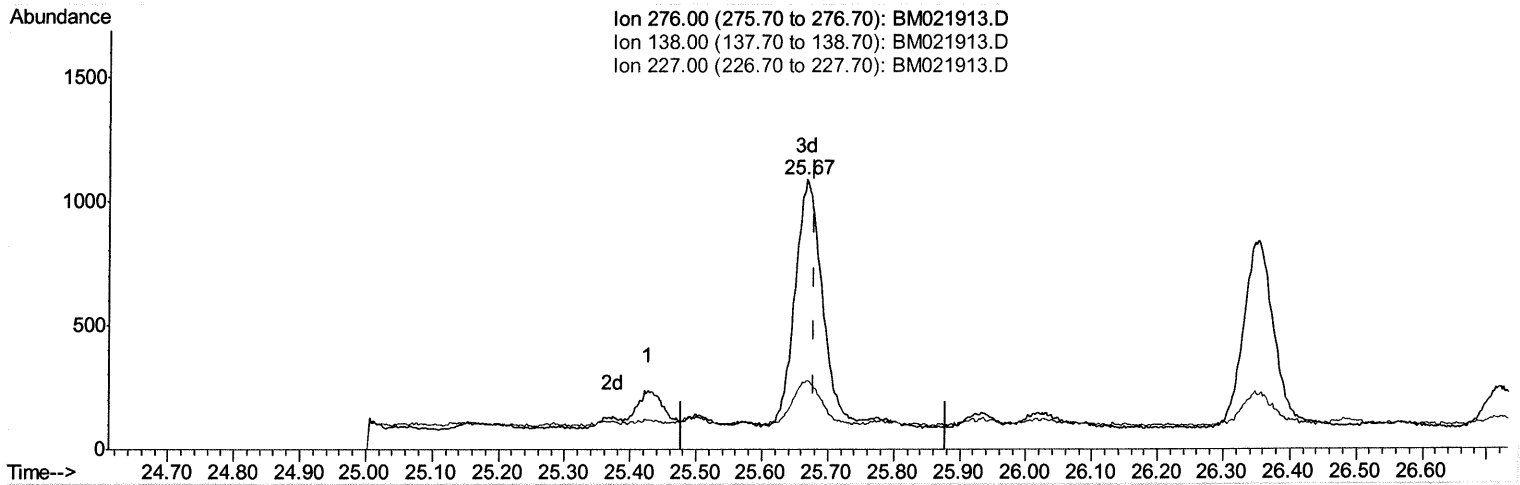
Data File : BM021913.D
Acq On : 08 Aug 2019 01:34
Operator : HP/JU
Sample : K4029-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BENX7

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:54 AM

Quant Time: Aug 08 06:42:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



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

25.667min (-0.012) 0.15ng/ul m

JU
08/08/19

response 2893

Ion	Exp%	Act%
276.00	100	100
138.00	18.90	1.24#
227.00	0.00	0.00
0.00	0.00	0.00

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

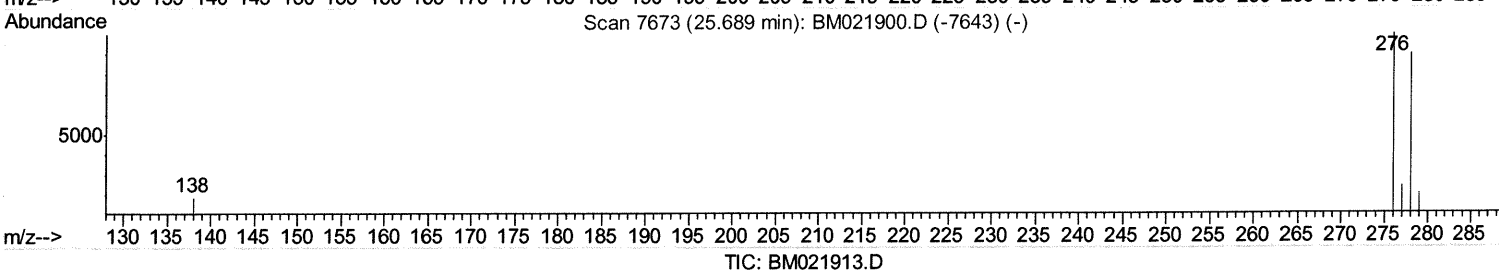
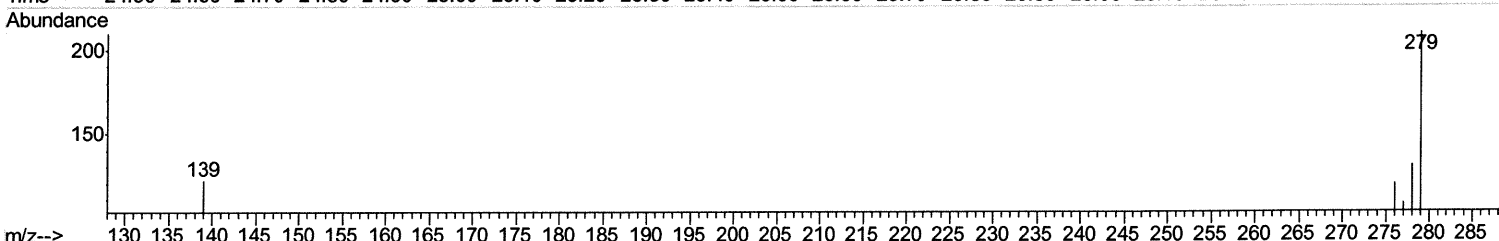
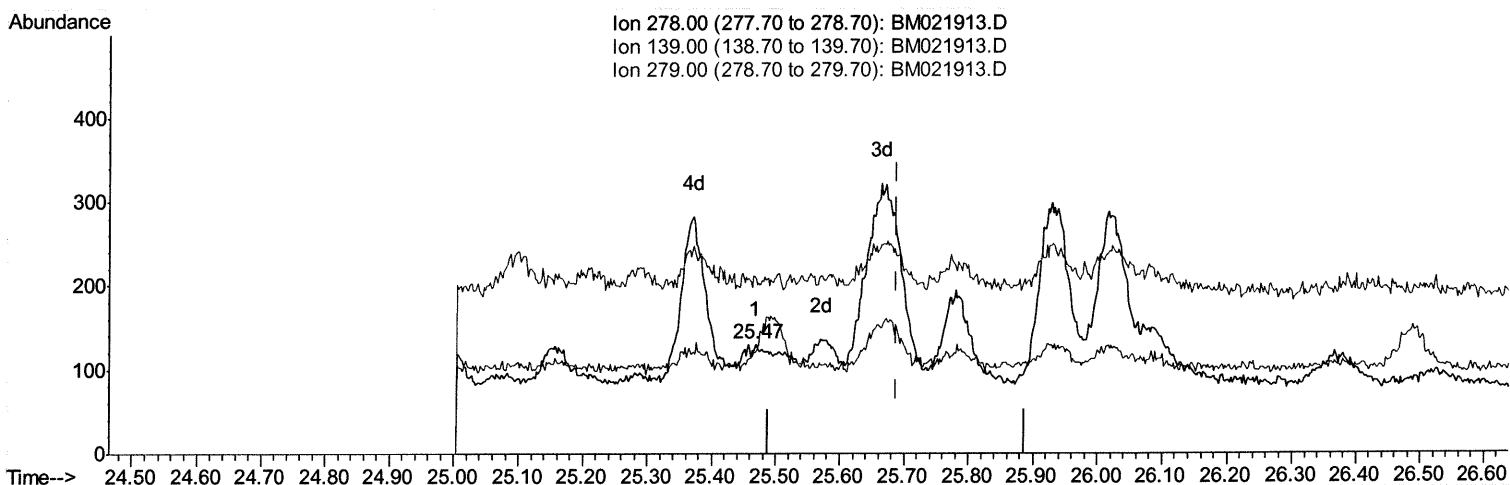
Data File : BM021913.D
Acq On : 08 Aug 2019 01:34
Operator : HP/JU
Sample : K4029-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX7

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:54 AM

Quant Time: Aug 08 06:42:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.468min (-0.221) 0.00ng/ul

response 48

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	93.13#
279.00	35.40	160.31#
0.00	0.00	0.00

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

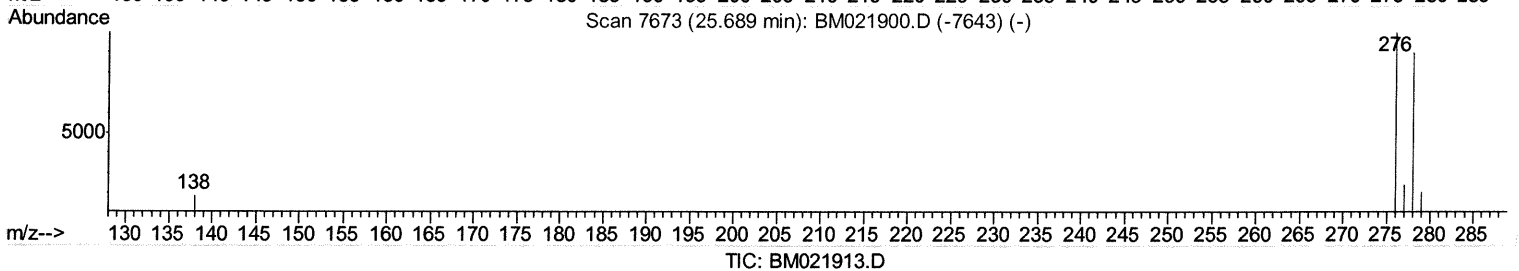
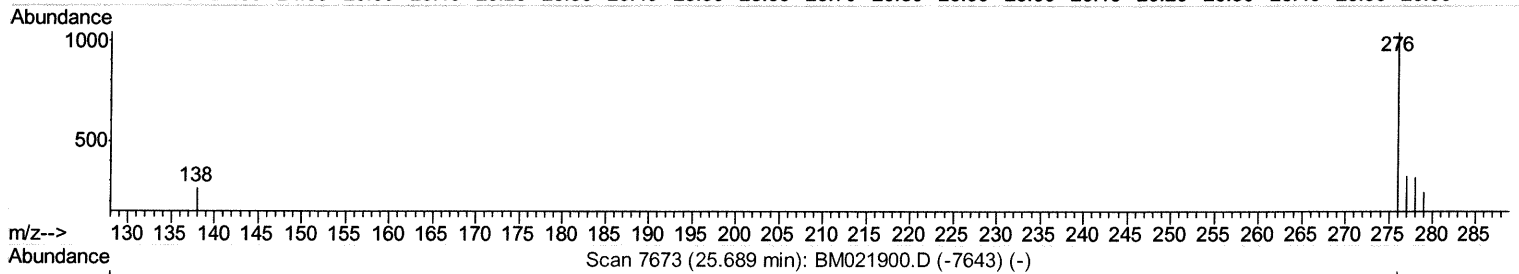
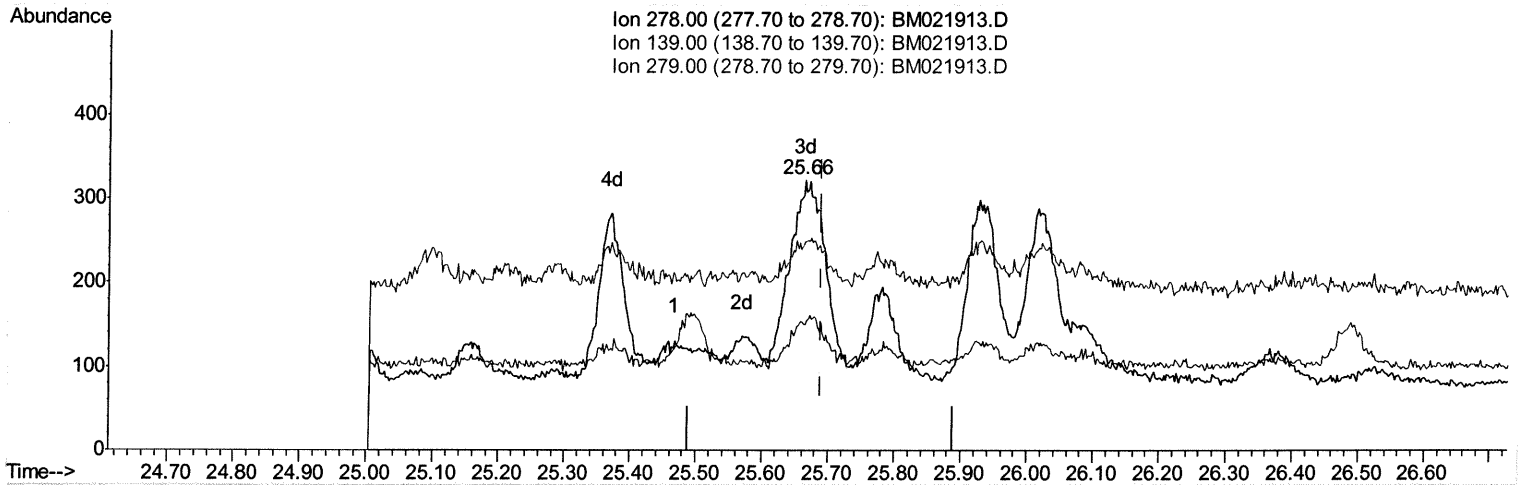
Data File : BM021913.D
Acq On : 08 Aug 2019 01:34
Operator : HP/JU
Sample : K4029-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BENX7

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:54 AM

Quant Time: Aug 08 06:42:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.664min (-0.024) 0.06ng/ul m

JU
08/08/19

response 856

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	46.27#
279.00	35.40	77.33#
0.00	0.00	0.00

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

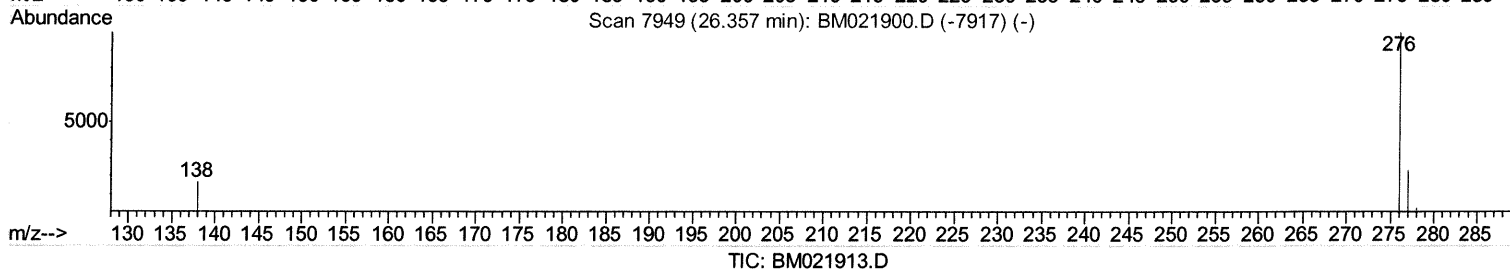
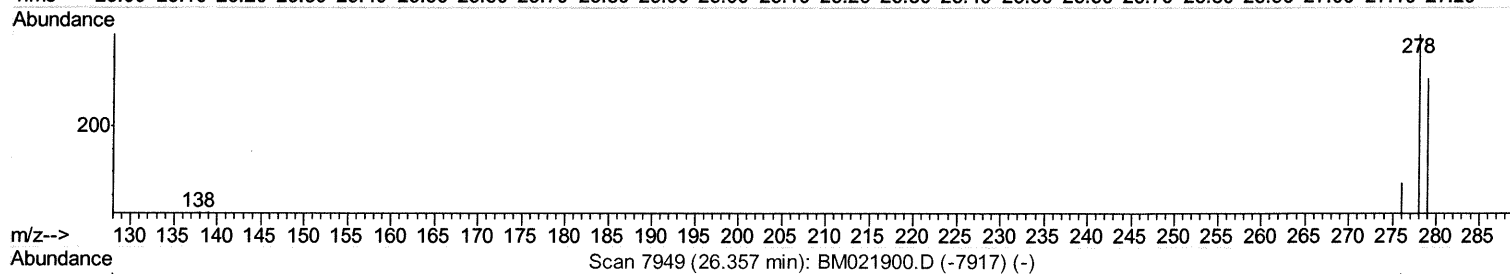
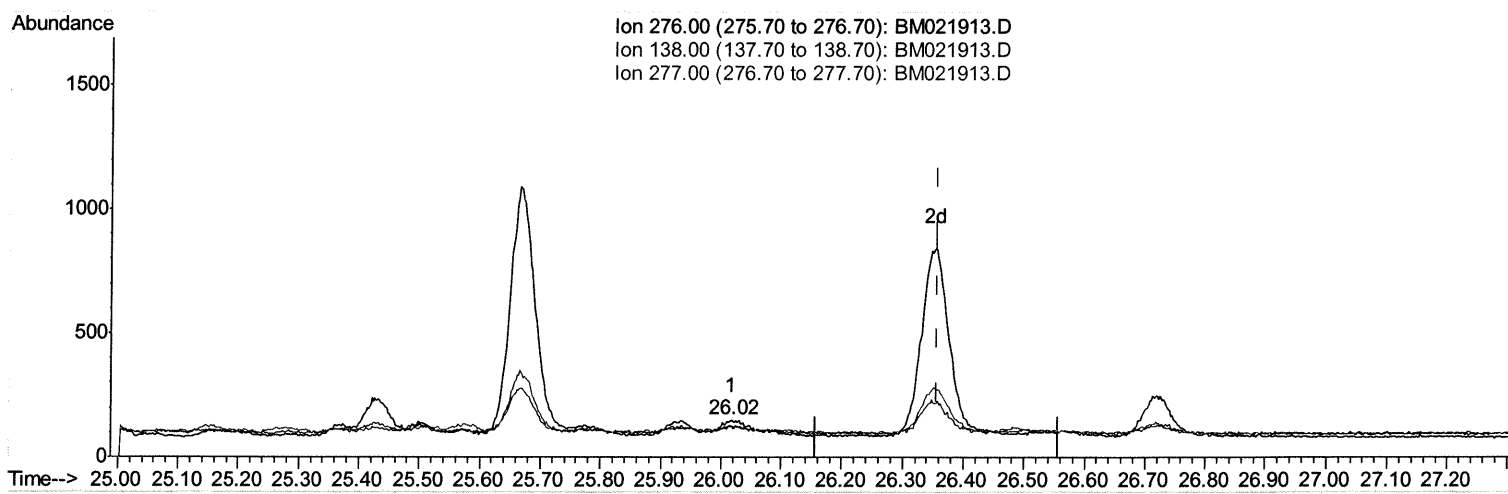
Data File : BM021913.D
Acq On : 08 Aug 2019 01:34
Operator : HP/JU
Sample : K4029-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX7

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:54 AM

Quant Time: Aug 08 06:42:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



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

26.018min (-0.339) 0.01ng/ui

response 207

Ion	Exp%	Act%
276.00	100	100
138.00	19.40	82.78#
277.00	26.80	82.12#
0.00	0.00	0.00

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

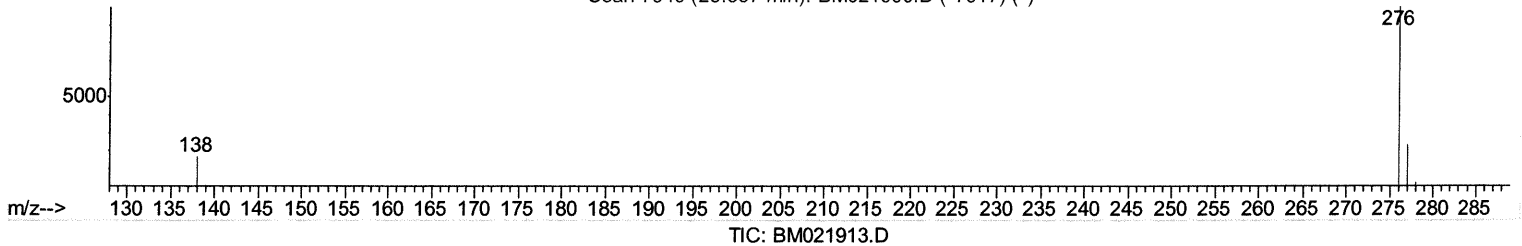
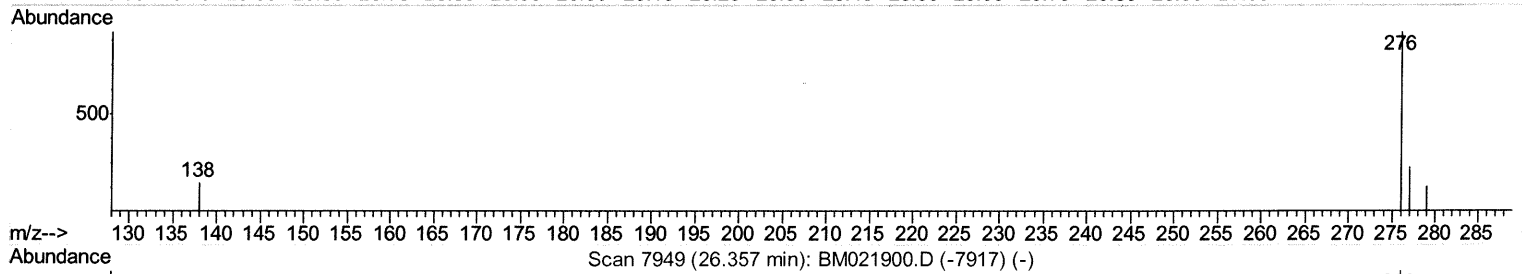
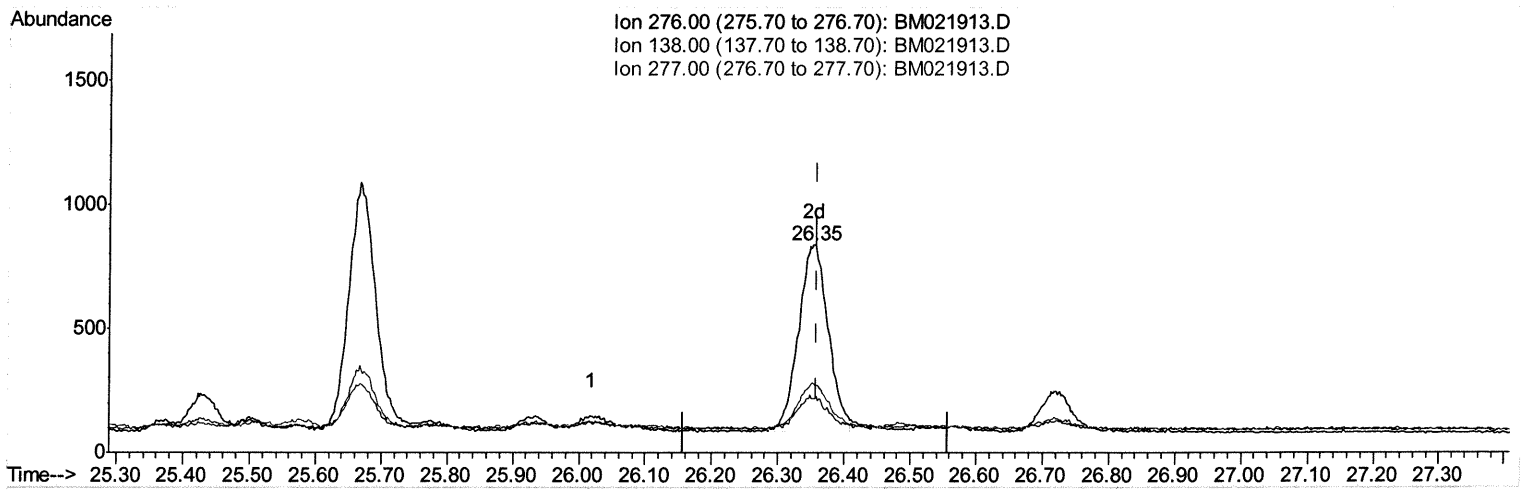
Data File : BM021913.D
Acq On : 08 Aug 2019 01:34
Operator : HP/JU
Sample : K4029-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BENX7

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:54 AM

Quant Time: Aug 08 06:42:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration



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

26.352min (-0.005) 0.14ng/ul m *JU 08/08/19*

response 2370

Ion	Exp%	Act%
276.00	100	100
138.00	19.40	26.32#
277.00	26.80	33.85#
0.00	0.00	0.00

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

Data File : BM021913.D
Acq On : 08 Aug 2019 01:34
Operator : HP/JU
Sample : K4029-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX7

Manual Integrations
APPROVED

mohammad
8/9/2019 6:11:54 AM

Quant Time: Aug 08 06:45:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	897	0.40	ng/ul	0.00
2) Naphthalene-d8	10.40	136	3925	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.28	164	2160	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	5046m	0.40	ng/ul	0.02
16) Chrysene-d12	21.24	240	4709m	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	4650m	0.40	ng/ul	0.01

JU 08/08/19

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.02	152	1110	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	2999m	0.18	ng/ul	-0.01

JU 08/08/19

Target Compounds

				Qvalue
7) Acenaphthylene	14.00	152	466	0.046 ng/ul# 74
9) Fluorene	15.34	166	245	0.027 ng/ul# 92
12) Phenanthrene	17.07	178	4169	0.284 ng/ul 99
13) Anthracene	17.17	178	1170m	0.093 ng/ul
15) Fluoranthene	19.10	202	8816m	0.448 ng/ul
17) Pyrene	19.46	202	10385	0.537 ng/ul 96
18) Benzo(a)anthracene	21.22	228	6139	0.364 ng/ul 97
19) Chrysene	21.27	228	5682	0.262 ng/ul 96
21) Benzo(b)fluoranthene	22.79	252	6686m	0.426 ng/ul
22) Benzo(k)fluoranthene	22.82	252	2253m	0.127 ng/ul
23) Benzo(a)pyrene	23.35	252	4956m	0.311 ng/ul
24) Indeno(1,2,3-cd)pyrene	25.67	276	2893m	0.152 ng/ul
25) Dibenzo(a,h)anthracene	25.66	278	856m	0.056 ng/ul
26) Benzo(g,h,i)perylene	26.35	276	2370m	0.138 ng/ul

JU 08/08/19

JU 08/08/19

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