

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\
Quantitation Report (LSC Reviewed)

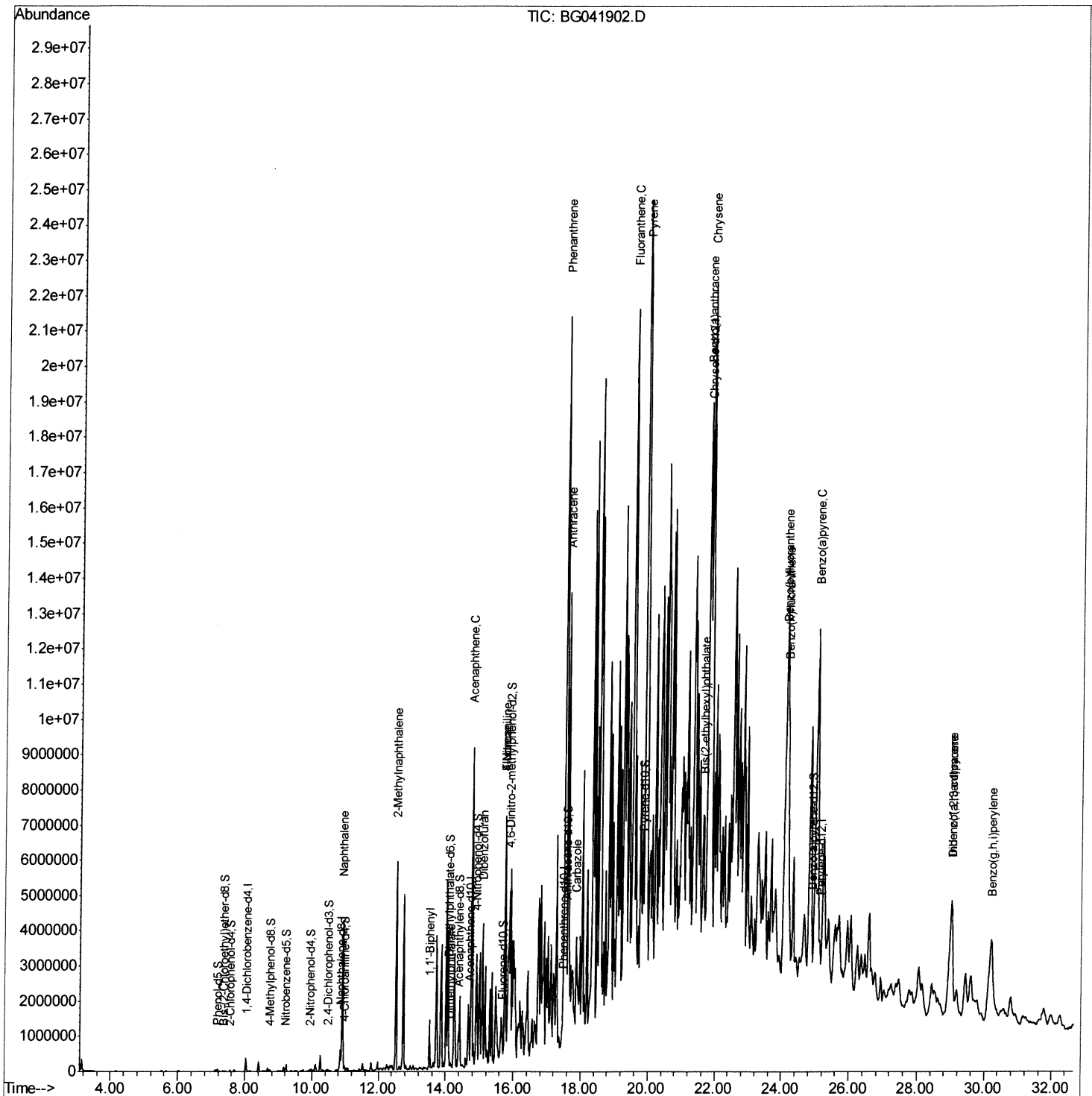
Data File : BG041902.D
Acq On : 3 Aug 2019 10:10
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENP1

Manual Integrations
APPROVED

mohammad
8/6/2019 12:17:42 PM

Quant Time: Aug 04 01:55:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 04 00:02:32 2019
Response via : Initial Calibration



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\
Quantitation Report (Qedit)

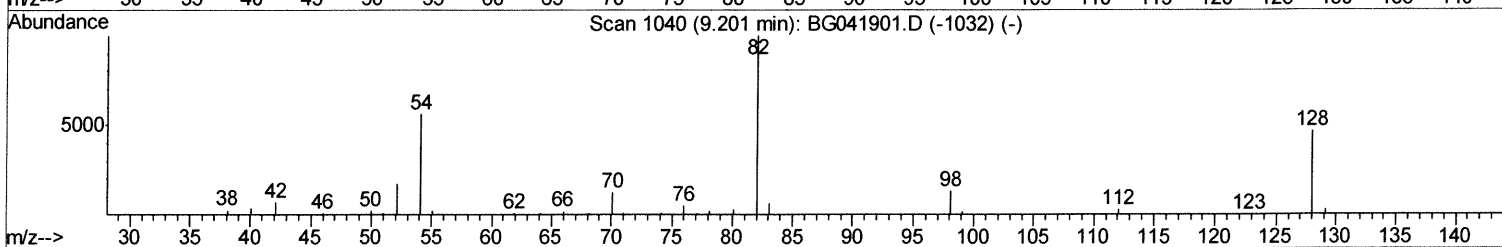
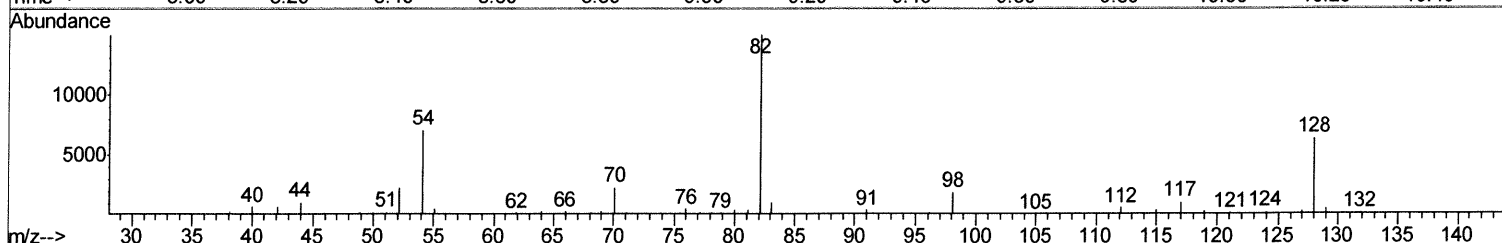
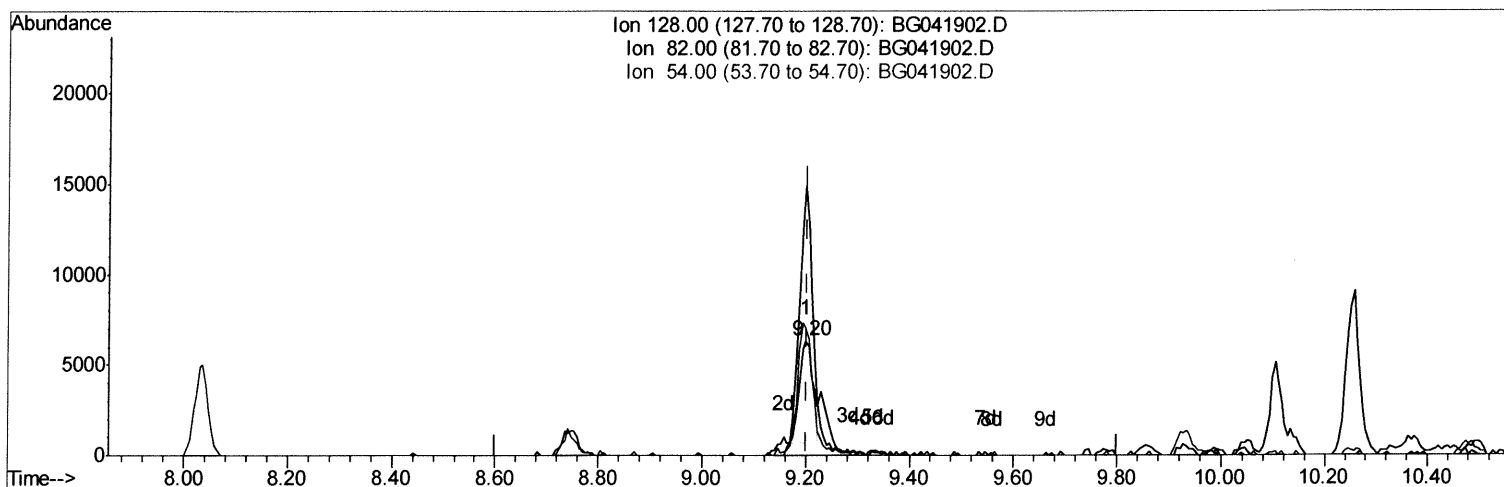
Data File : BG041902.D
Acq On : 3 Aug 2019 10:10
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENP1

Manual Integrations
APPROVED

mohammad
8/6/2019 12:17:42 PM

Quant Time: Aug 04 00:05:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 04 00:02:32 2019
Response via : Initial Calibration



TIC: BG041902.D

(19) Nitrobenzene-d5 (S)

9.199min (-0.002) 2.76ng/ul

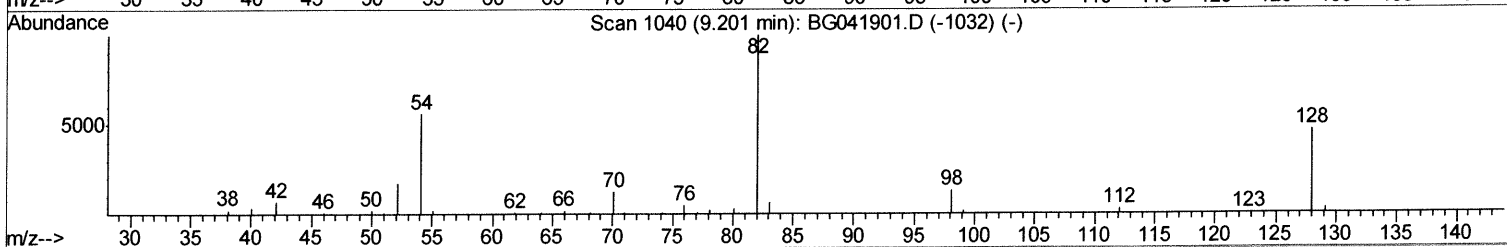
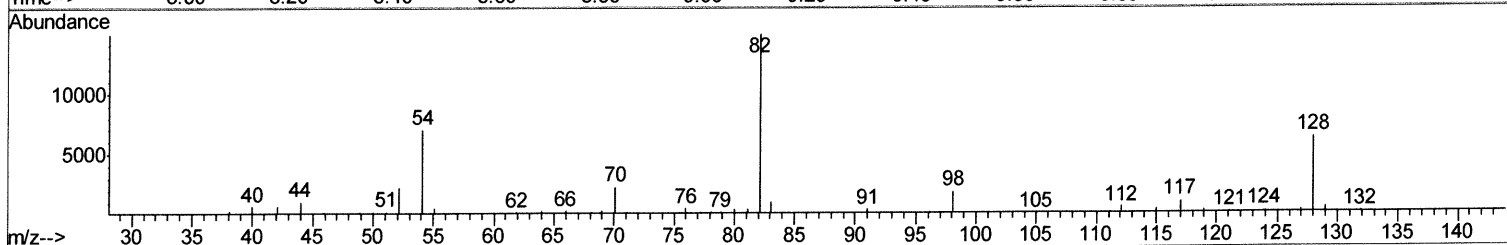
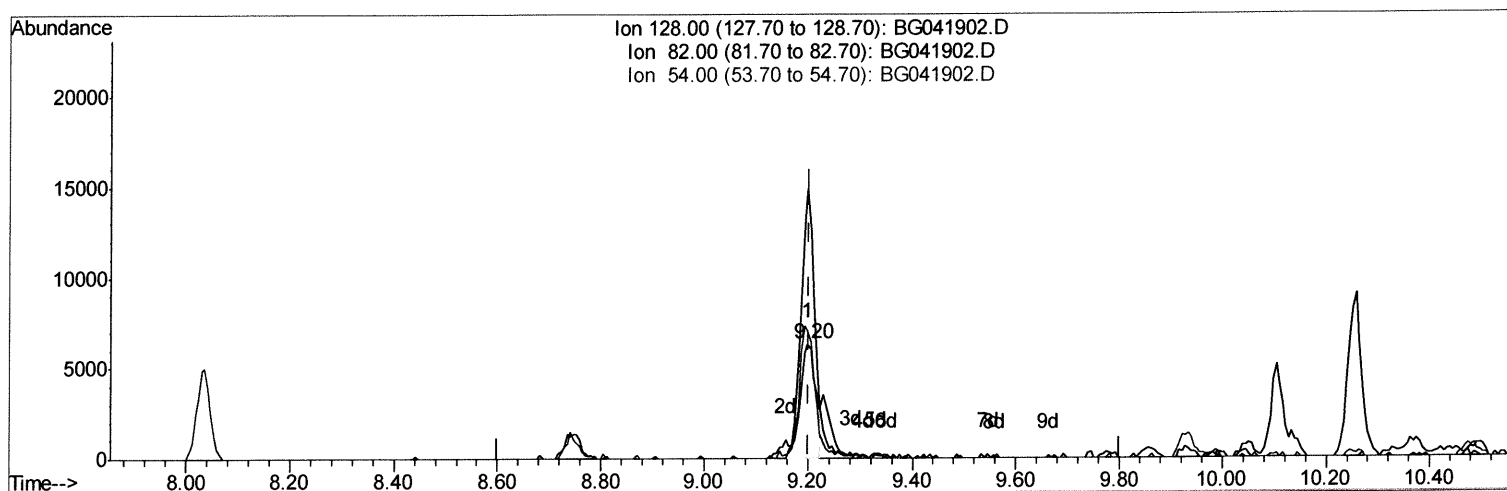
response 10501

Ion	Exp%	Act%
128.00	100	100
82.00	223.40	235.97
54.00	125.40	111.89
0.00	0.00	0.00

```
Data File   : BG041902.D
Acq On      : 3 Aug 2019 10:10
Operator    : HP/JU
Sample      : K3850-02
Misc        :
ALS Vial    : 3      Sample Multiplier: 1
```

mohammad
8/6/2019 12:17:42 PM

Quant Time: Aug 04 00:05:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 04 00:02:32 2019
Response via : Initial Calibration



TIC: BG041902.D

(19) Nitrobenzene-d5 (S)

9.199min (-0.002) 3.70ng/ul m

response 14089

Ion	Exp%	Act%
128.00	100	100
82.00	223.40	235.97
54.00	125.40	111.89
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\
Quantitation Report (Qedit)

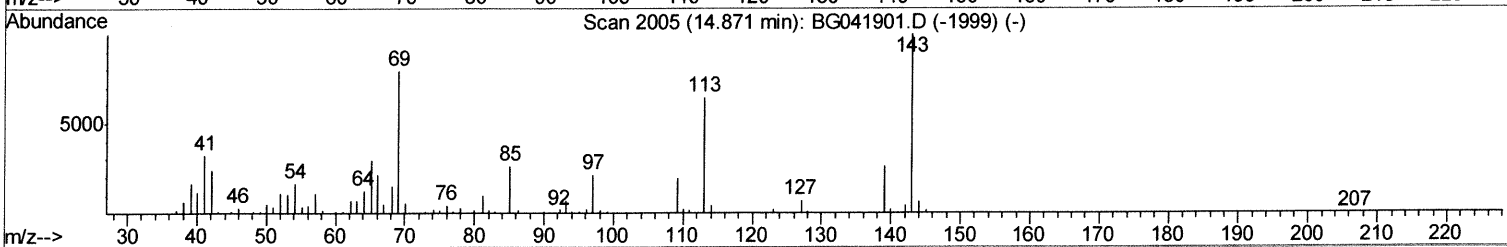
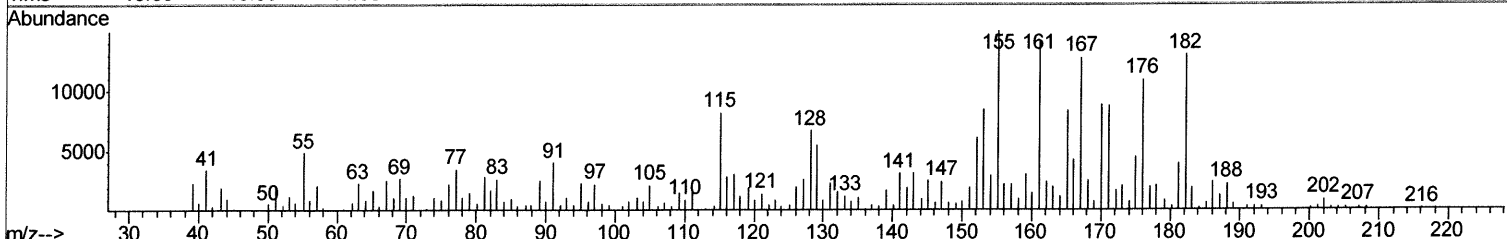
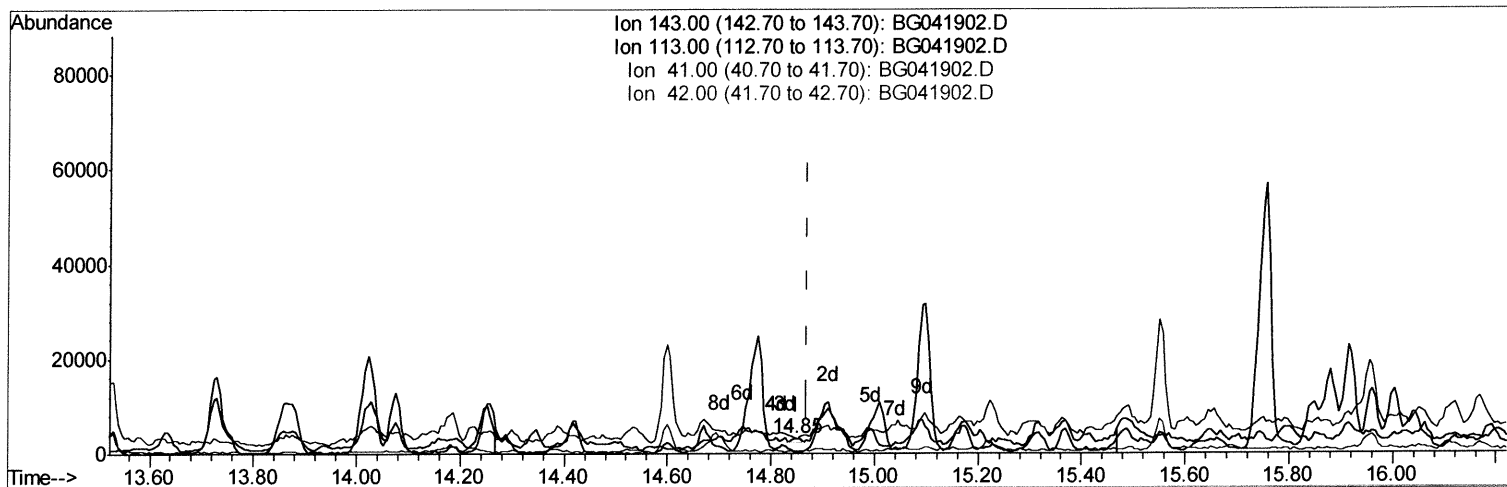
Data File : BG041902.D
Acq On : 3 Aug 2019 10:10
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENP1

Manual Integrations
APPROVED

mohammad
8/6/2019 12:17:42 PM

Quant Time: Aug 04 00:05:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 04 00:02:32 2019
Response via : Initial Calibration



TIC: BG041902.D

(51) 4-Nitrophenol-d4 (S)
14.845min (-0.025) 0.26ng/ul
response 1154

Ion	Exp%	Act%
143.00	100	100
113.00	68.30	9.31#
41.00	31.00	109.28#
42.00	21.10	14.90#

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\
Quantitation Report (Qedit)

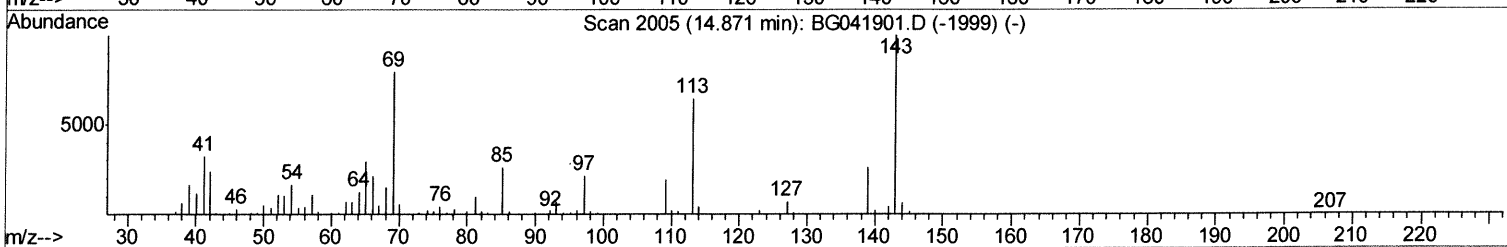
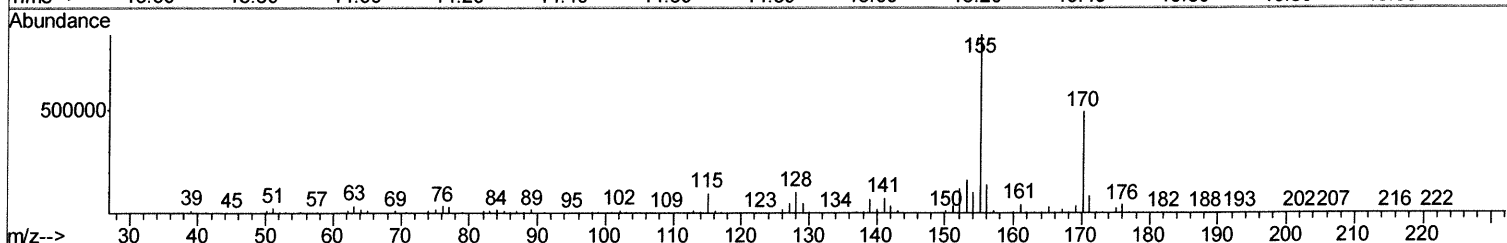
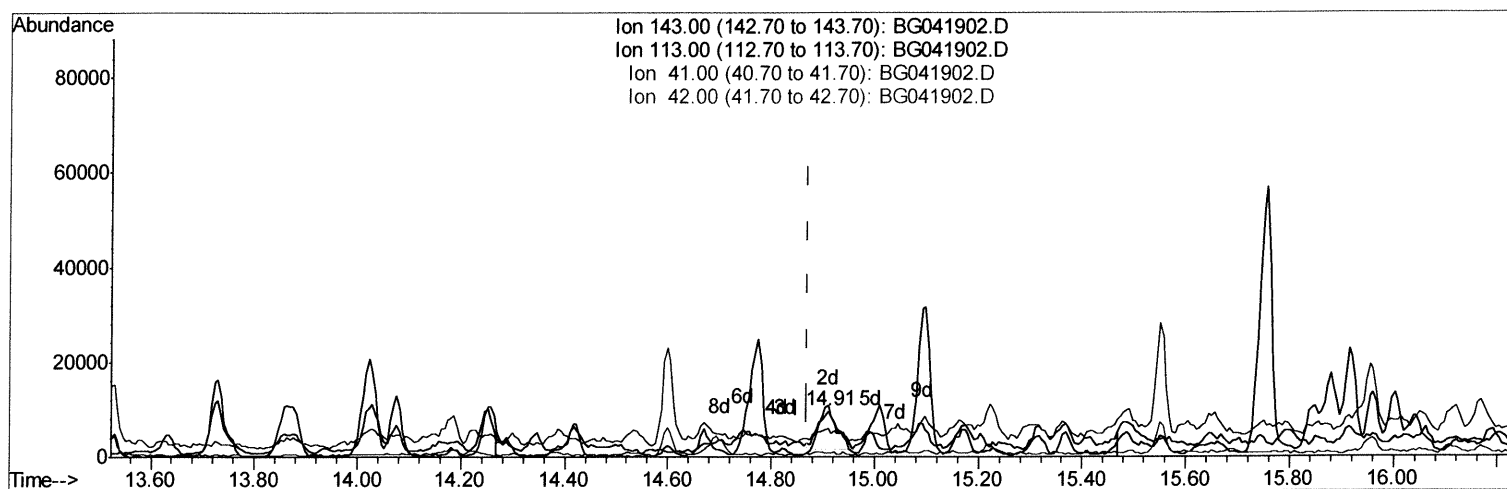
Data File : BG041902.D
Acq On : 3 Aug 2019 10:10
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENP1

Manual Integrations
APPROVED

mohammad
8/6/2019 12:17:42 PM

Quant Time: Aug 04 00:05:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 04 00:02:32 2019
Response via : Initial Calibration



TIC: BG041902.D

(51) 4-Nitrophenol-d4 (S)

14.910min (+0.039) 5.12ng/ul m 08/05/19

response 22740

Ion	Exp%	Act%
143.00	100	100
113.00	68.30	112.13#
41.00	31.00	60.82#
42.00	21.10	8.50#

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\
Quantitation Report (Qedit)

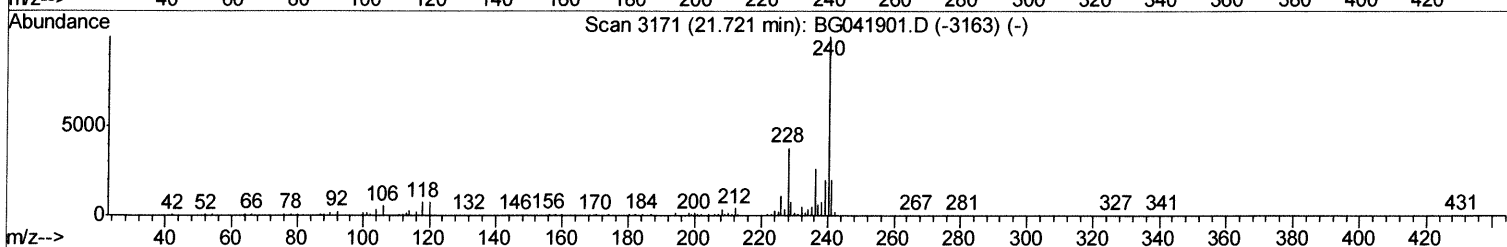
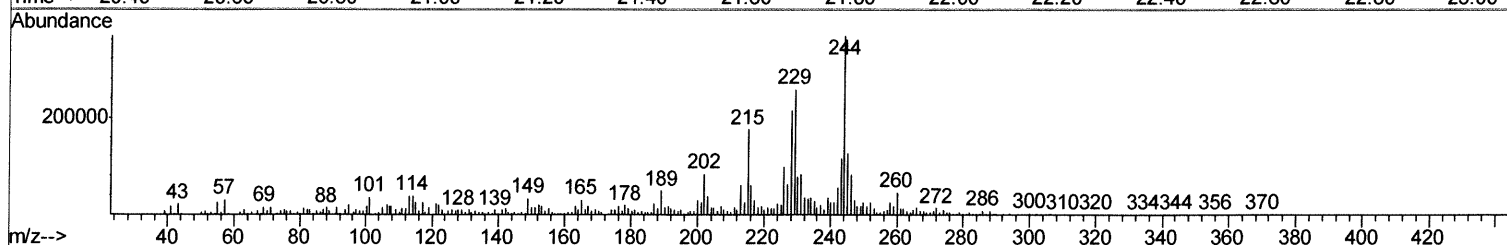
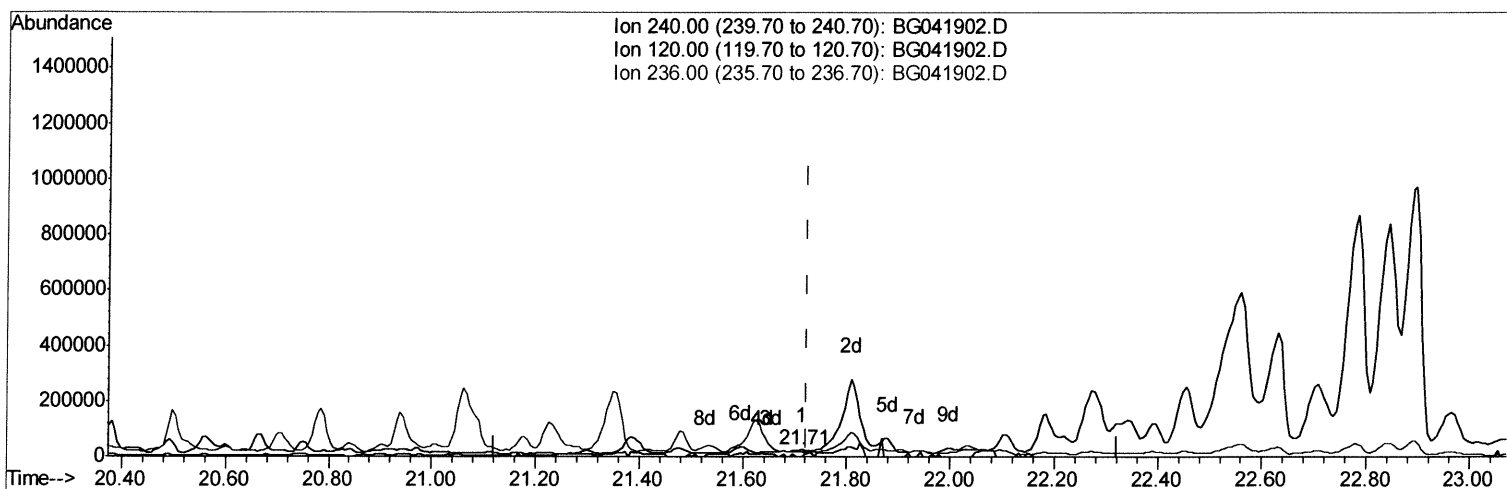
Data File : BG041902.D
Acq On : 3 Aug 2019 10:10
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
BENP1

Manual Integrations
APPROVED

mohammad
8/6/2019 12:17:42 PM

Quant Time: Aug 04 00:05:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 04 00:02:32 2019
Response via : Initial Calibration



TIC: BG041902.D

(77) Chrysene-d12 (I)

21.714min (-0.008) 20.00ng/ul

response 17543

Ion	Exp%	Act%
240.00	100	100
120.00	7.50	0.00#
236.00	27.30	64.56#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\
Quantitation Report (Qedit)

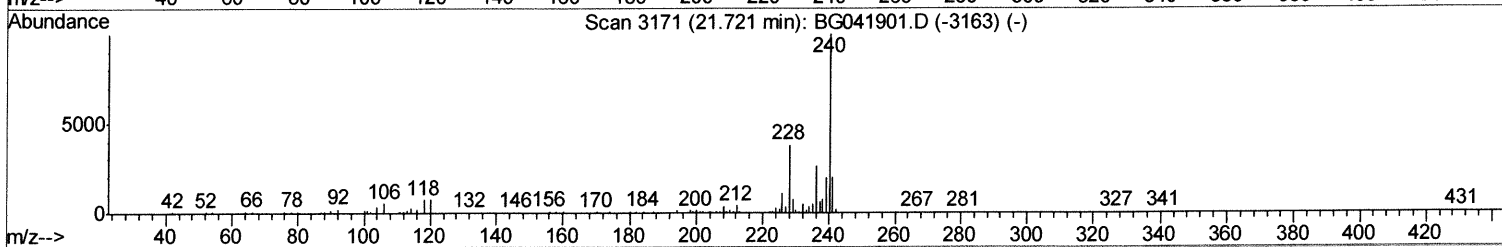
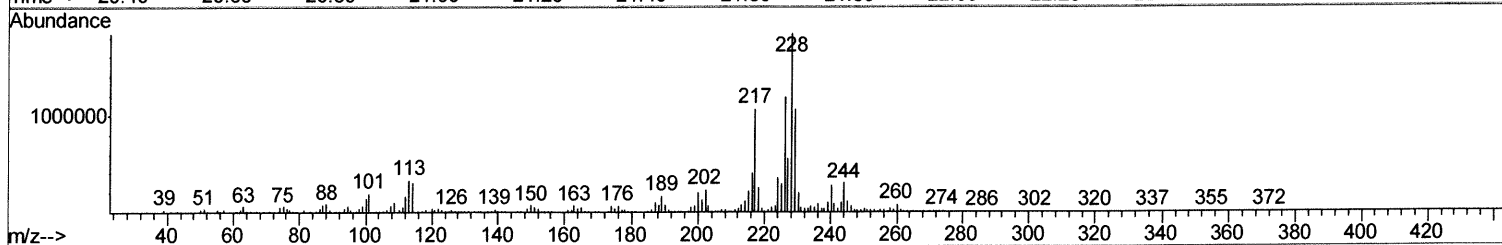
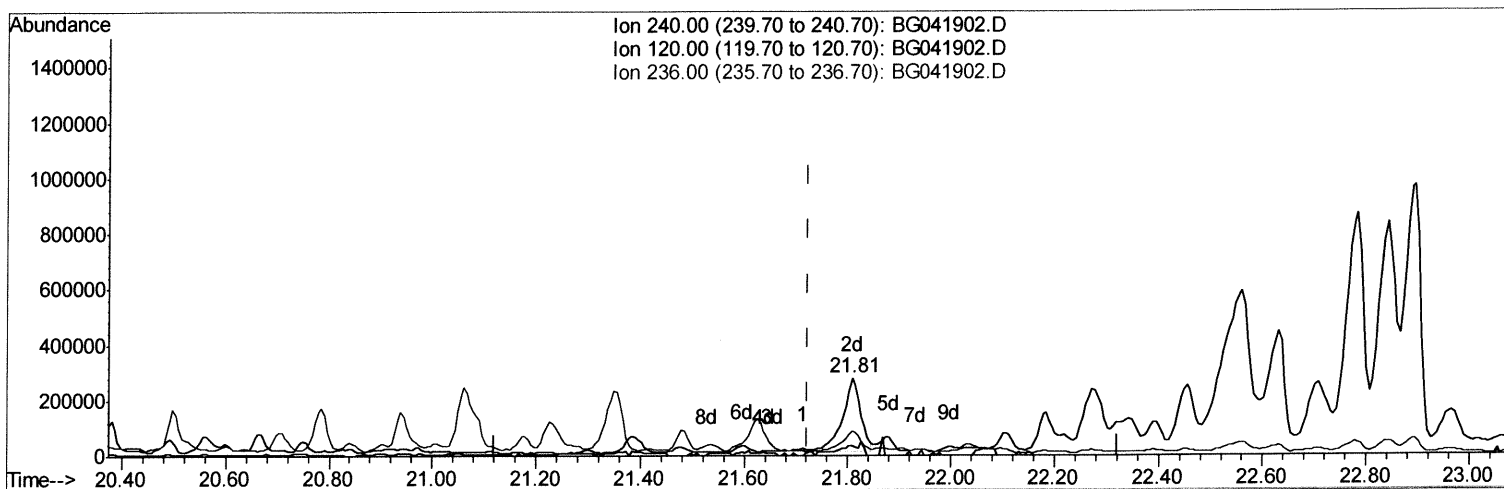
Data File : BG041902.D
Acq On : 3 Aug 2019 10:10
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENP1

Manual Integrations
APPROVED

mohammad
8/6/2019 12:17:42 PM

Quant Time: Aug 04 00:05:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 04 00:02:32 2019
Response via : Initial Calibration



TIC: BG041902.D

(77) Chrysene-d12 (I)

21.808min (+0.086) 20.00ng/ul m 05/05/19

response 638721

Ion	Exp%	Act%
240.00	100	100
120.00	7.50	11.97#
236.00	27.30	30.96
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\
Quantitation Report (Qedit)

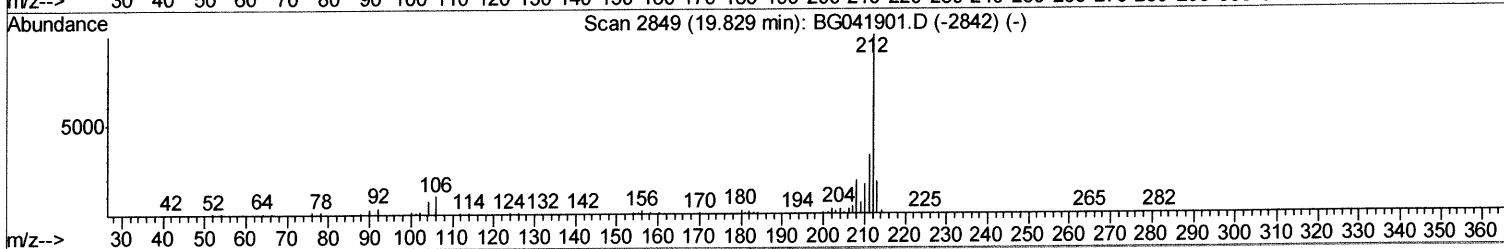
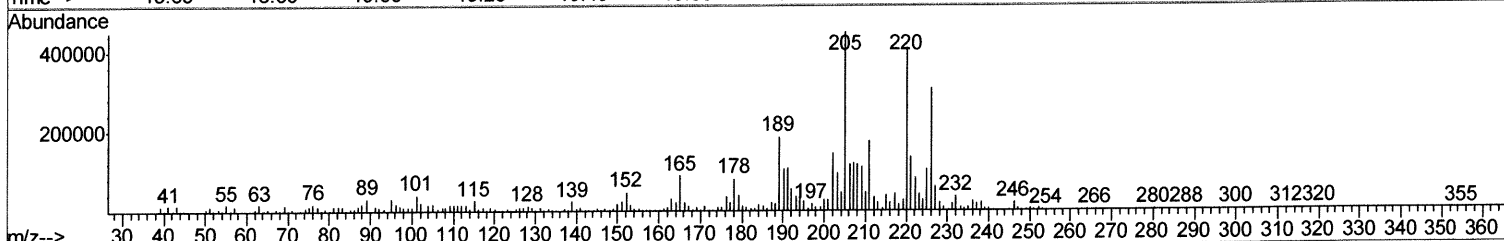
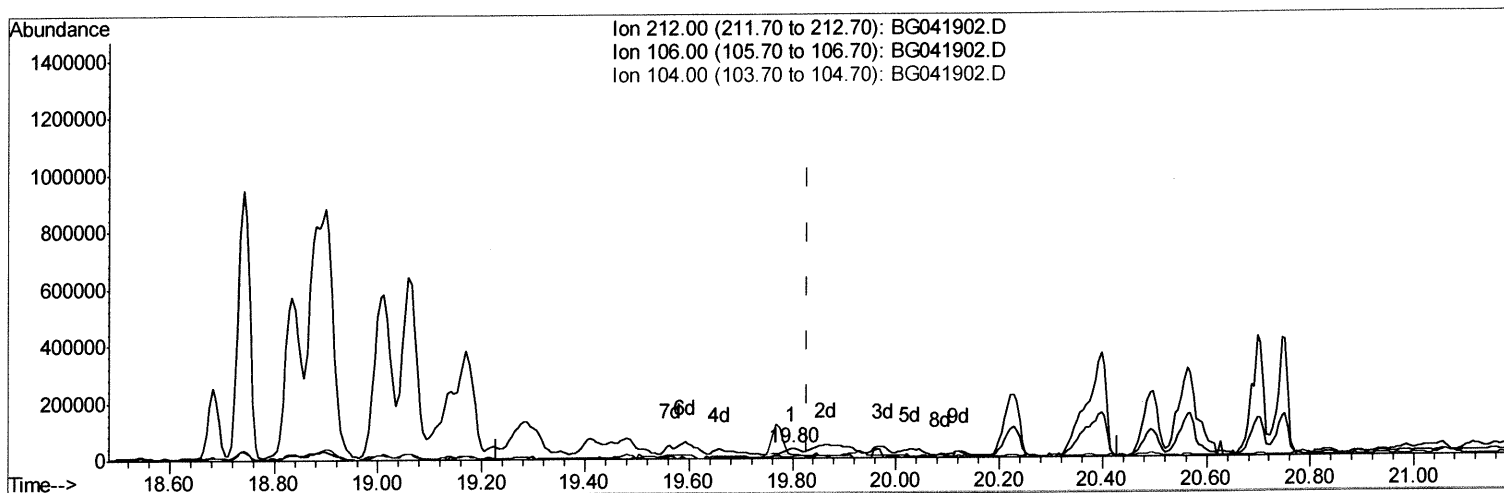
Data File : BG041902.D
Acq On : 3 Aug 2019 10:10
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENP1

Manual Integrations
APPROVED

mohammad
8/6/2019 12:17:42 PM

Quant Time: Aug 04 00:24:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 04 00:02:32 2019
Response via : Initial Calibration



TIC: BG041902.D

(78) Pyrene-d10 (S)

19.798min (-0.031) 1.35ng/ul

response 48182

Ion	Exp%	Act%
212.00	100	100
106.00	9.90	18.96#
104.00	7.20	40.61#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\
Quantitation Report (Qedit)

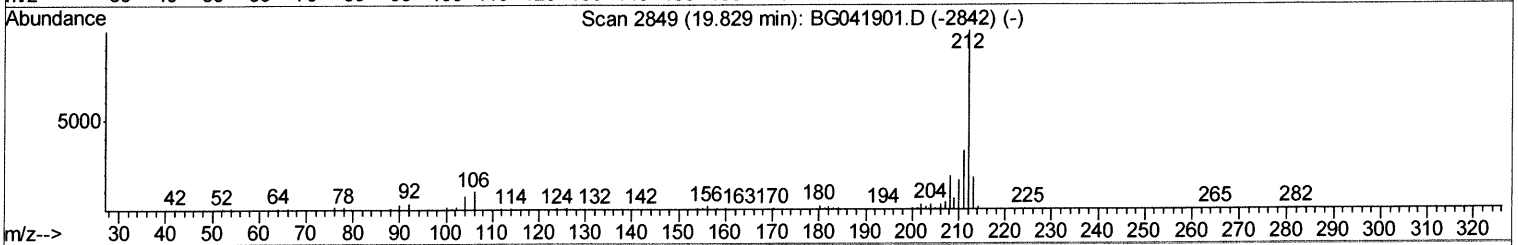
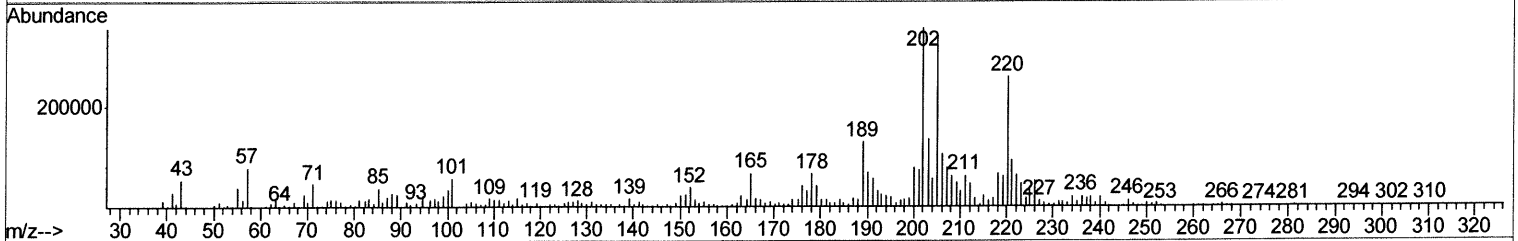
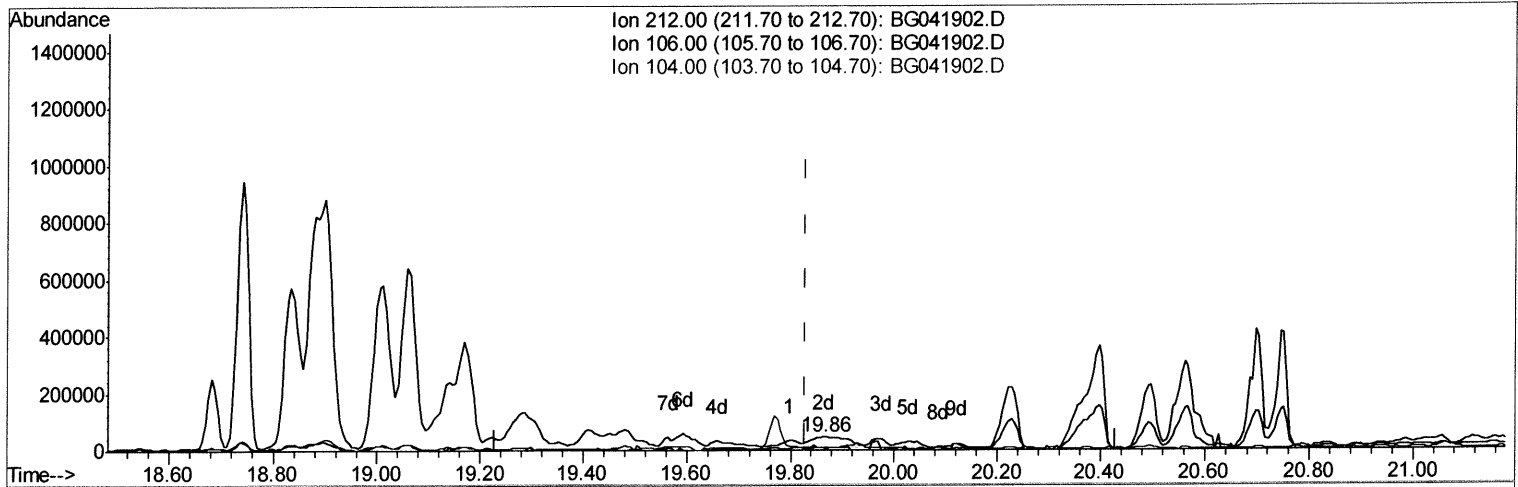
Data File : BG041902.D
Acq On : 3 Aug 2019 10:10
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENP1

Manual Integrations
APPROVED

mohammad
8/6/2019 12:17:42 PM

Quant Time: Aug 04 00:24:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 04 00:02:32 2019
Response via : Initial Calibration



TIC: BG041902.D

(78) Pyrene-d10 (S)

19.863min (+0.033) 4.66ng/ul m 08/05/19

response 166209

Ion	Exp%	Act%
212.00	100	100
106.00	9.90	15.58#
104.00	7.20	15.53#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\
Quantitation Report (Qedit)

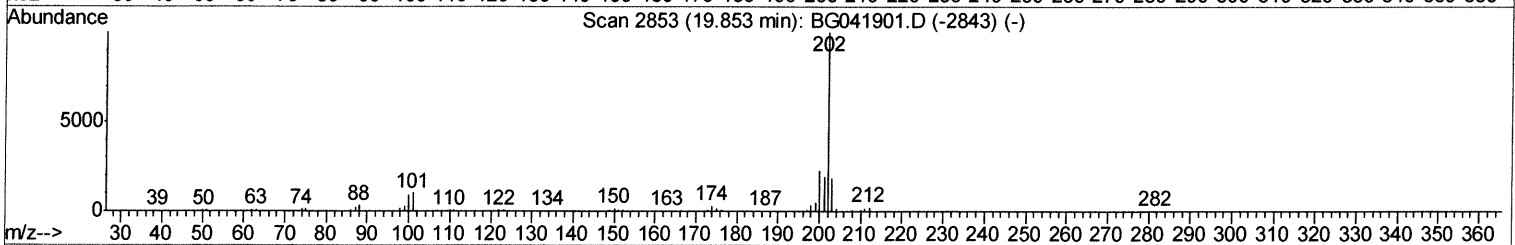
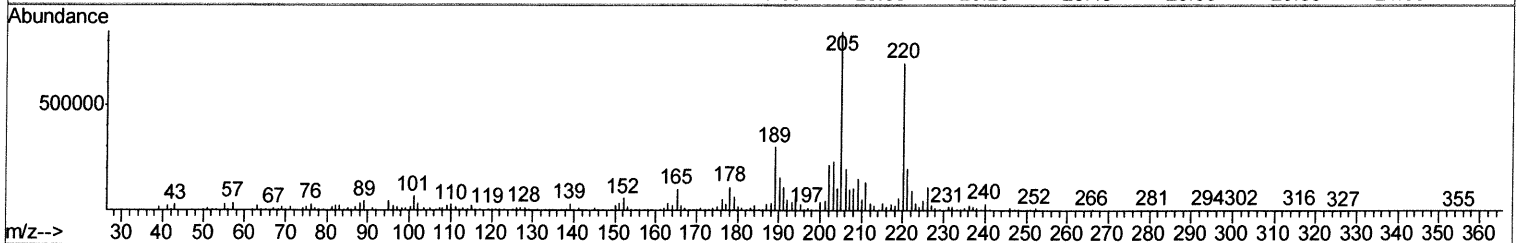
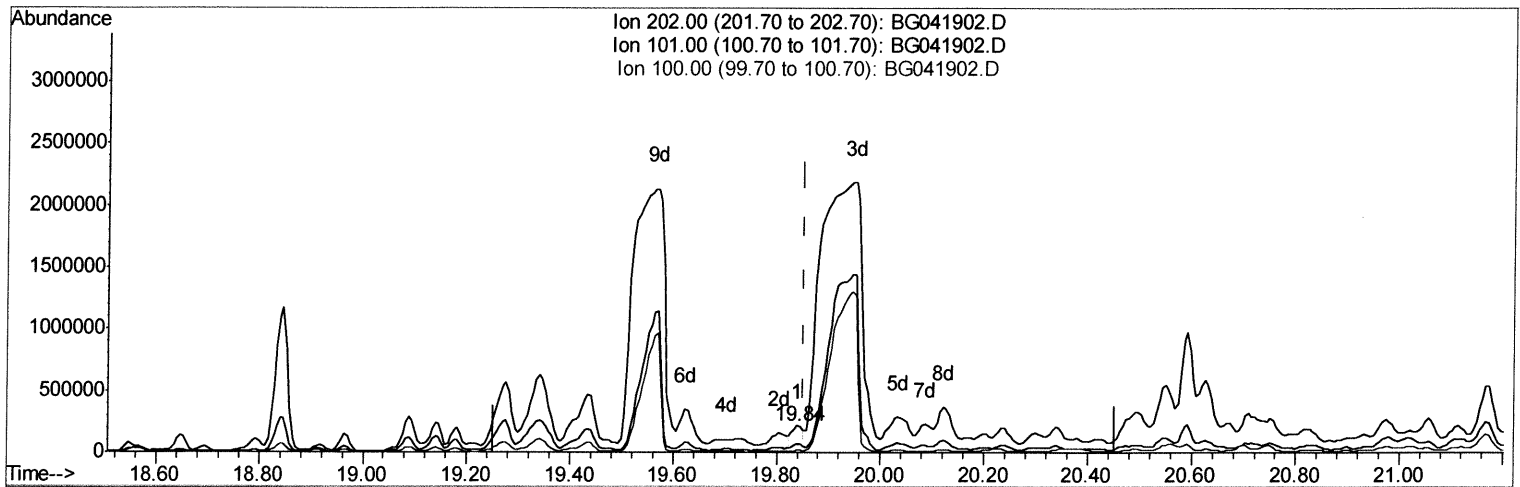
Data File : BG041902.D
Acq On : 3 Aug 2019 10:10
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENP1

Manual Integrations
APPROVED

mohammad
8/6/2019 12:17:42 PM

Quant Time: Aug 04 00:24:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 04 00:02:32 2019
Response via : Initial Calibration



TIC: BG041902.D

(79) Pyrene

19.839min (-0.014) 5.12ng/ul

response 220143

Ion	Exp%	Act%
202.00	100	100
101.00	9.50	32.15#
100.00	8.10	8.13
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\
Quantitation Report (Qedit)

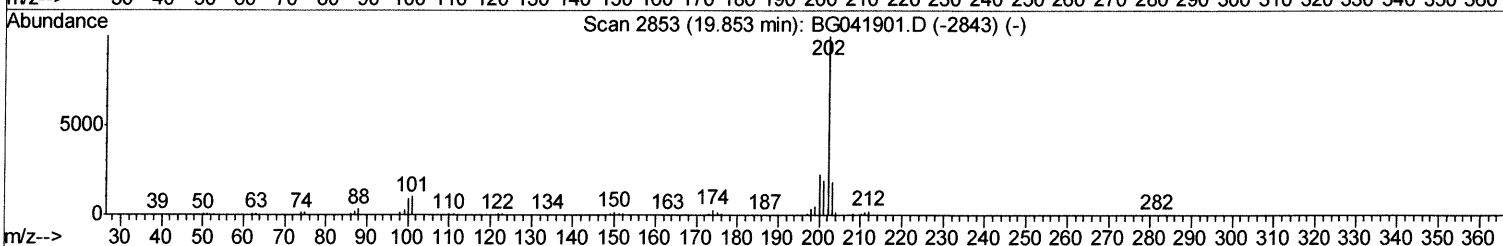
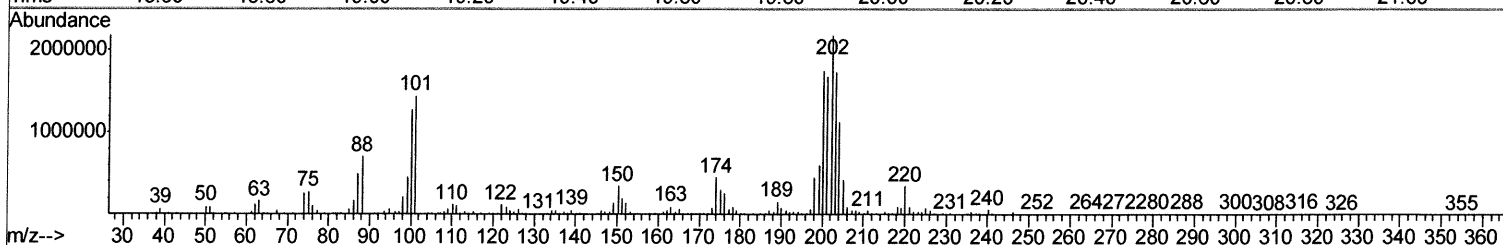
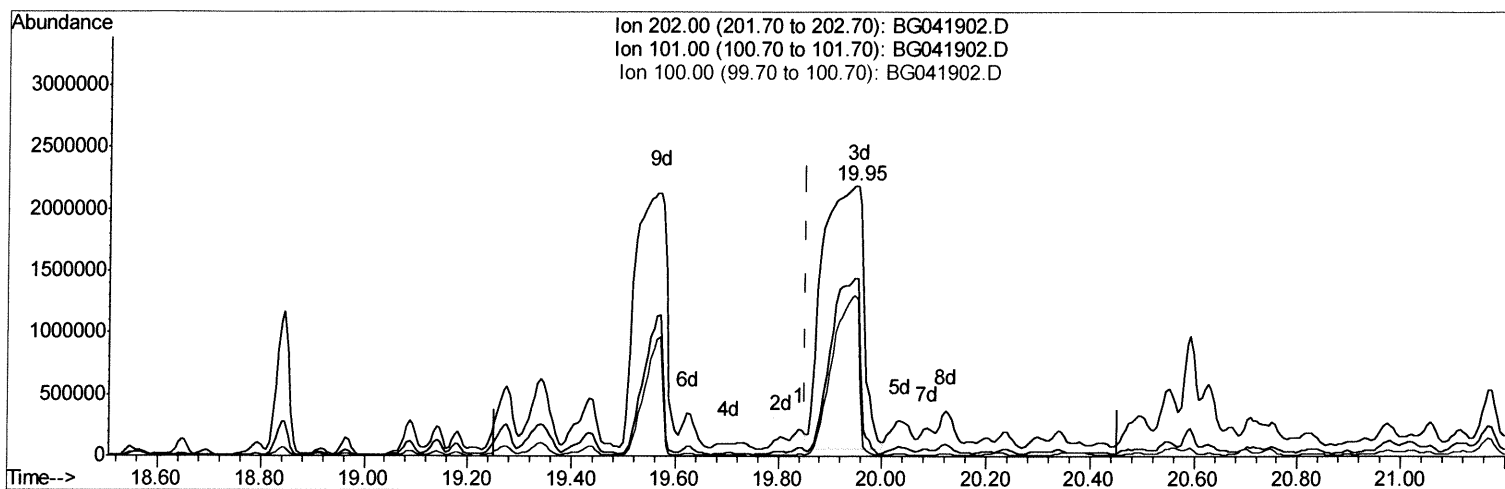
Data File : BG041902.D
Acq On : 3 Aug 2019 10:10
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENP1

Manual Integrations
APPROVED

mohammad
8/6/2019 12:17:42 PM

Quant Time: Aug 04 00:24:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 04 00:02:32 2019
Response via : Initial Calibration



TIC: BG041902.D

(79) Pyrene

19.951min (+0.098) 268.26ng/ul m *JU 08/05/19*

response 11525433

Ion	Exp%	Act%
202.00	100	100
101.00	9.50	66.07#
100.00	8.10	58.11#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\
Quantitation Report (Qedit)

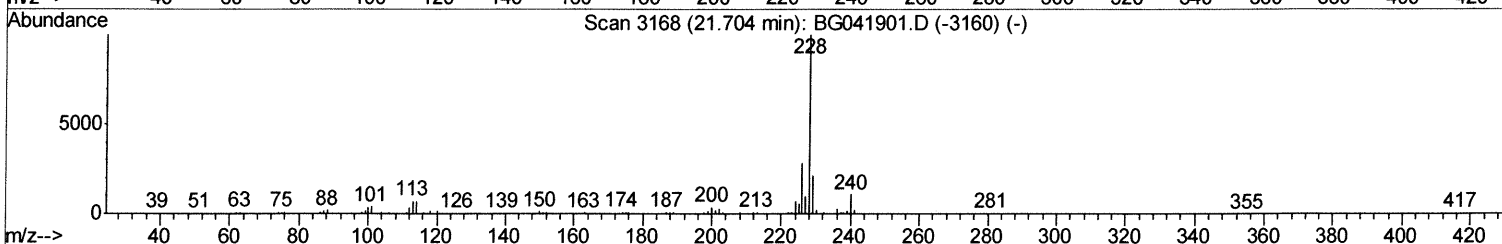
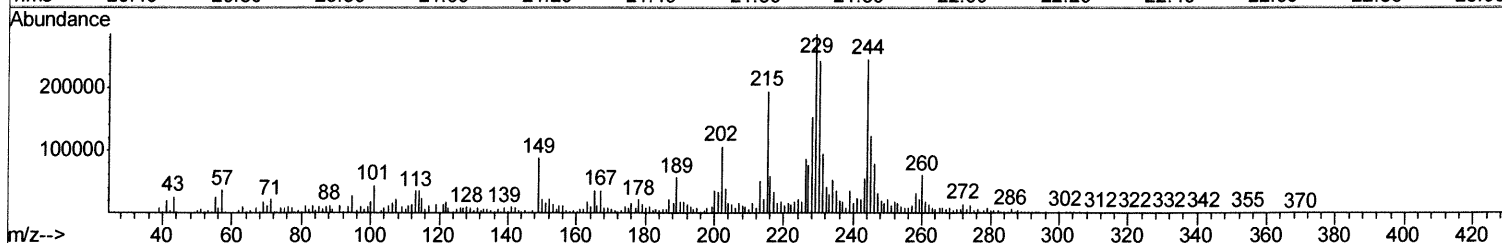
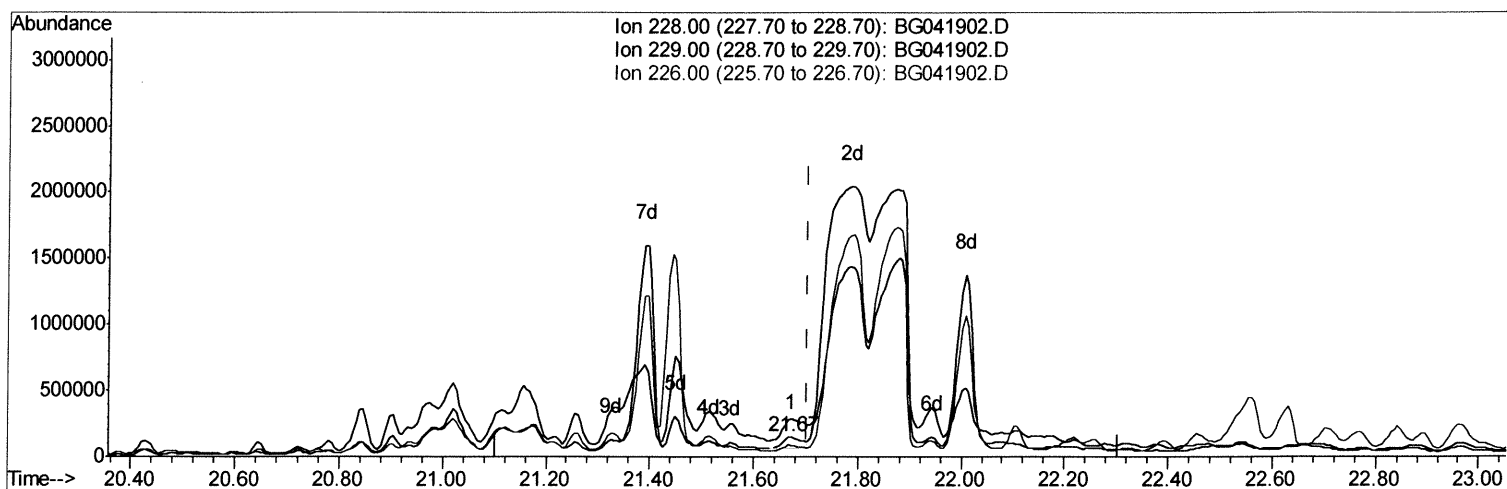
Data File : BG041902.D
Acq On : 3 Aug 2019 10:10
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENP1

Manual Integrations
APPROVED

mohammad
8/6/2019 12:17:42 PM

Quant Time: Aug 04 00:24:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 04 00:02:32 2019
Response via : Initial Calibration



TIC: BG041902.D

(82) Benzo(a)anthracene

21.673min (-0.031) 4.93ng/ul

response 218155

Ion	Exp%	Act%
228.00	100	100
229.00	21.30	186.94#
226.00	29.10	55.84#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\
Quantitation Report (Qedit)

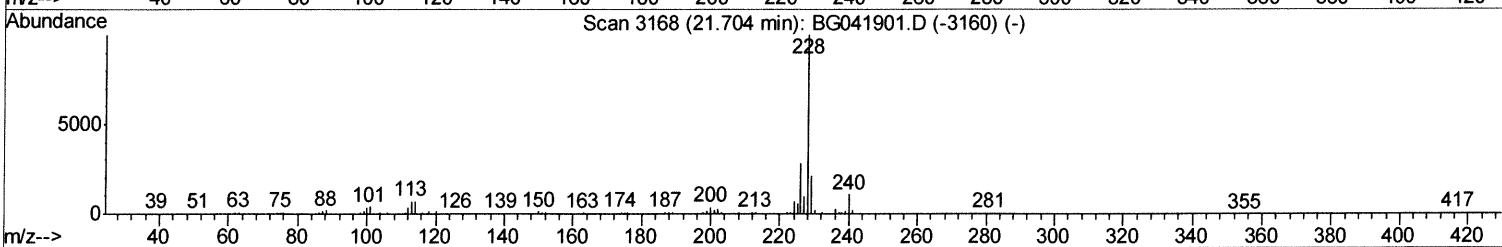
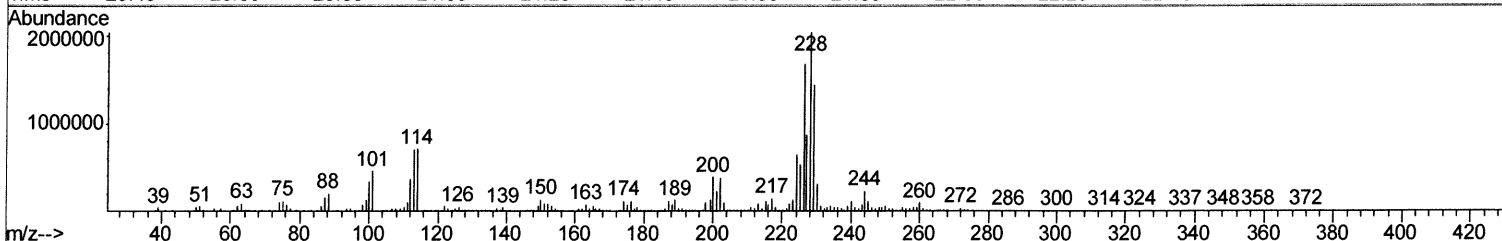
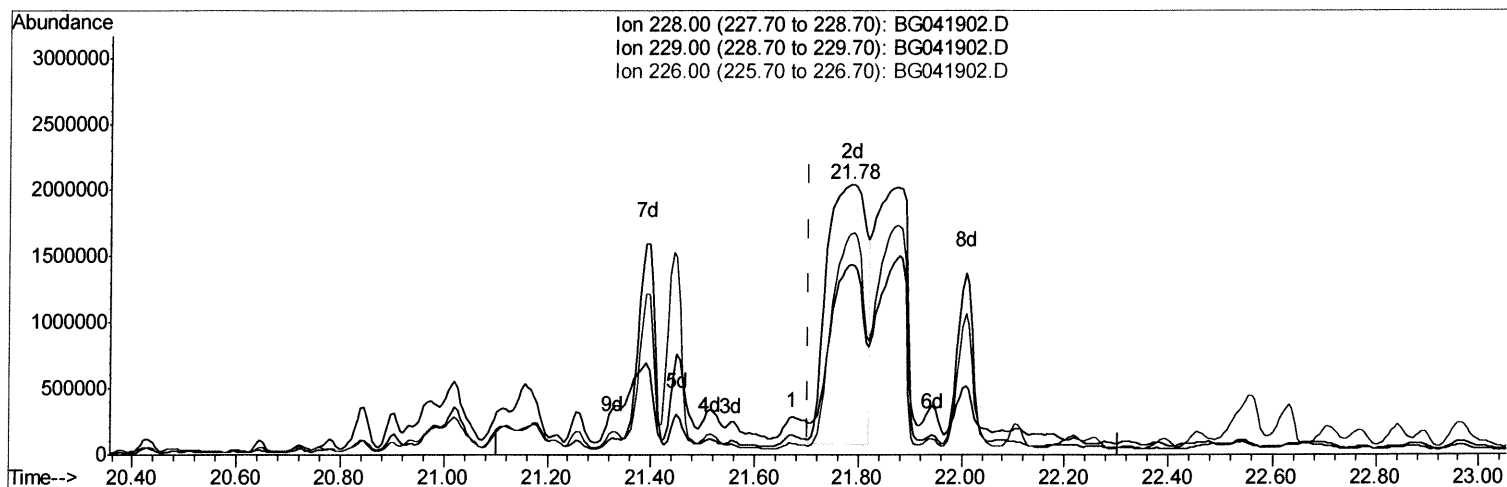
Data File : BG041902.D
Acq On : 3 Aug 2019 10:10
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENP1

Manual Integrations
APPROVED

mohammad
8/6/2019 12:17:42 PM

Quant Time: Aug 04 00:24:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 04 00:02:32 2019
Response via : Initial Calibration



TIC: BG041902.D

(82) Benzo(a)anthracene

21.784min (+0.080) 234.98ng/ul m *JU 08/05/19*

response 10406419

Ion	Exp%	Act%
228.00	100	100
229.00	21.30	70.48#
226.00	29.10	82.02#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\
Quantitation Report (Qedit)

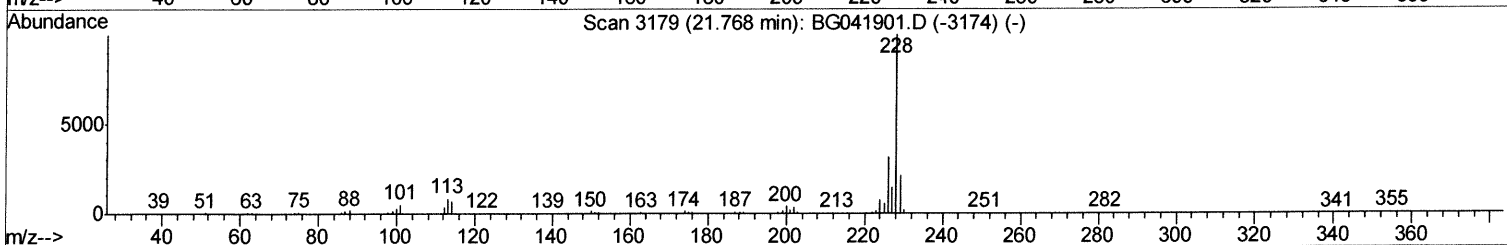
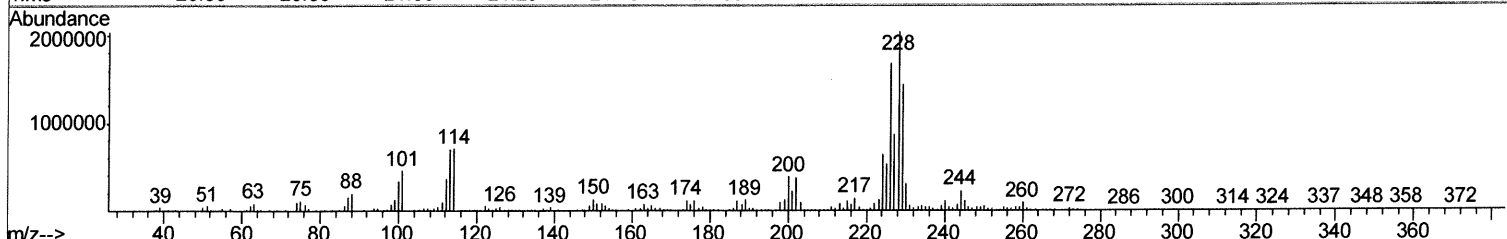
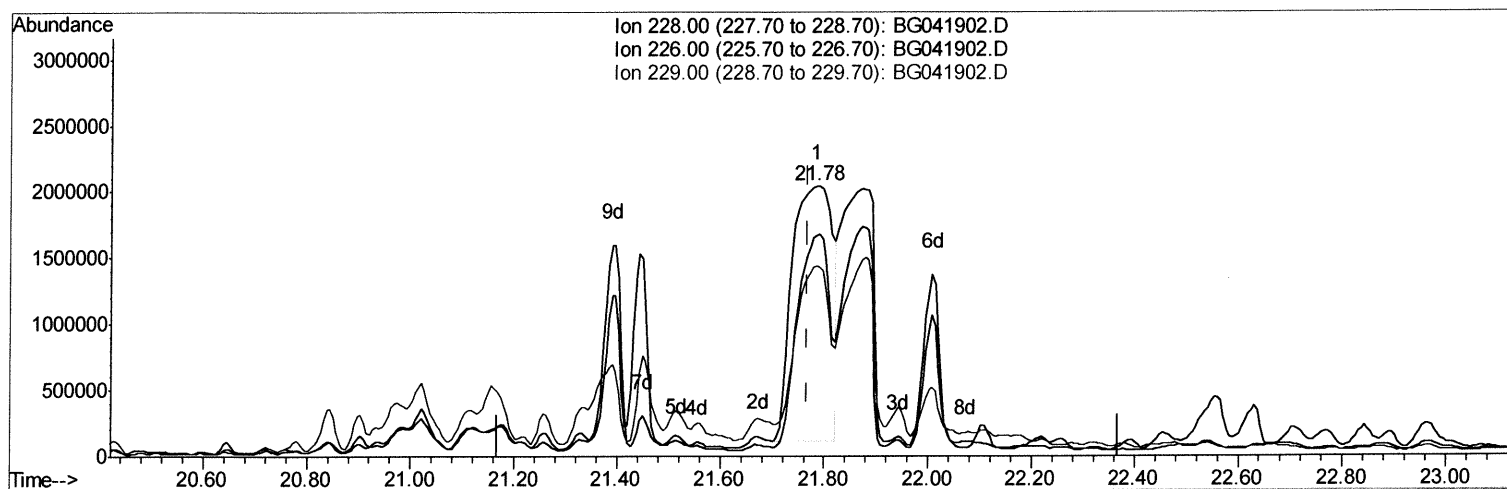
Data File : BG041902.D
Acq On : 3 Aug 2019 10:10
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
BENP1

Manual Integrations
APPROVED

mohammad
8/6/2019 12:17:42 PM

Quant Time: Aug 04 00:24:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 04 00:02:32 2019
Response via : Initial Calibration



TIC: BG041902.D

(84) Chrysene

21.784min (+0.016) 246.04ng/ul

response 10169843

Ion	Exp%	Act%
228.00	100	100
226.00	32.10	82.02#
229.00	20.70	70.48#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\
Quantitation Report (Qedit)

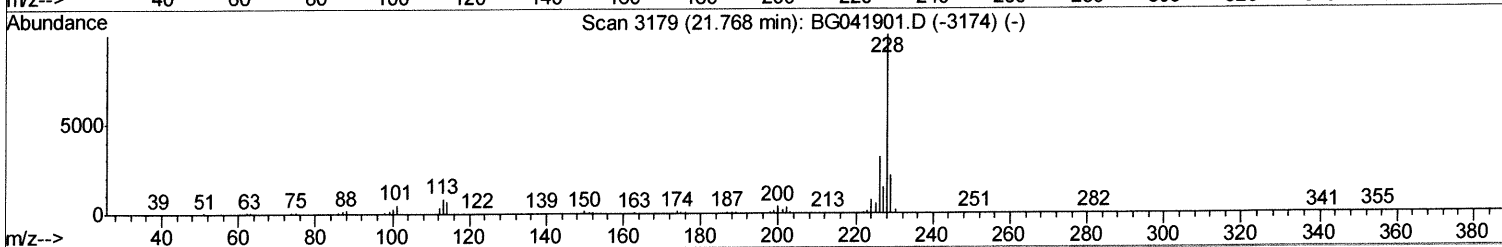
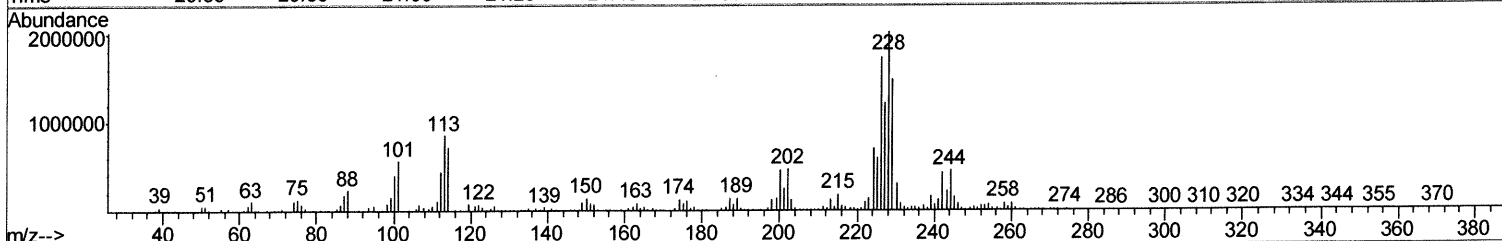
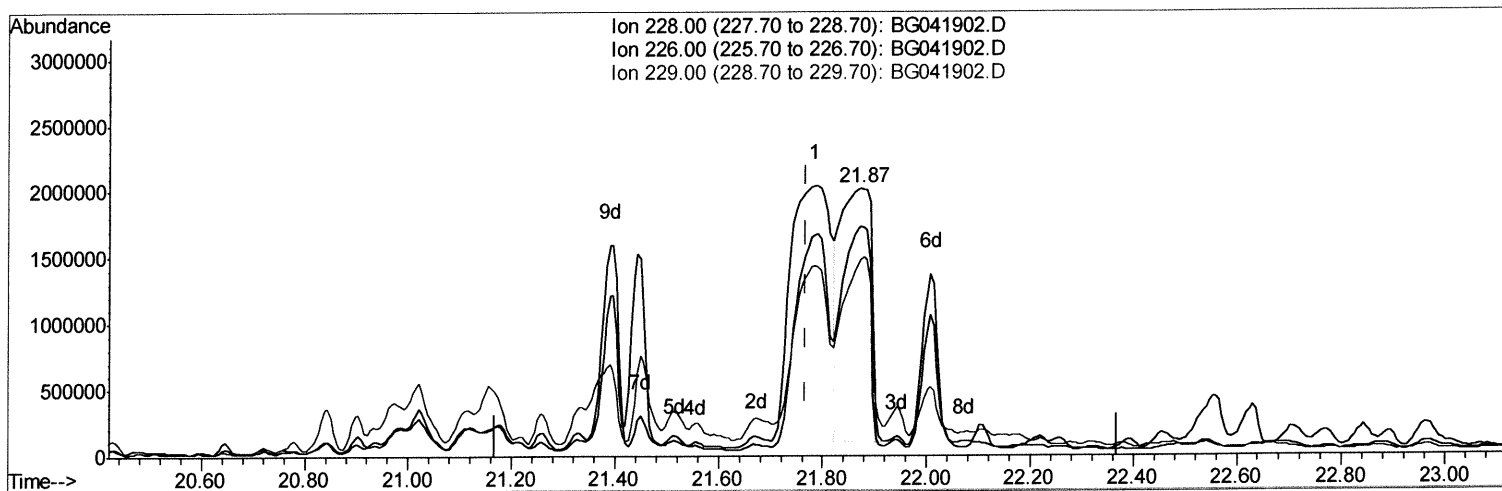
Data File : BG041902.D
Acq On : 3 Aug 2019 10:10
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENP1

Manual Integrations
APPROVED

mohammad
8/6/2019 12:17:42 PM

Quant Time: Aug 04 00:24:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 04 00:02:32 2019
Response via : Initial Calibration



TIC: BG041902.D

(84) Chrysene

21.872min (+0.104) 196.71ng/ul m

JU 08/05/19

response 8130782

Ion	Exp%	Act%
228.00	100	100
226.00	32.10	85.74#
229.00	20.70	73.40#
0.00	0.00	0.00

Data File : BG041902.D
Acq On : 3 Aug 2019 10:10
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

mohammad
8/6/2019 12:17:42 PM

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\
Quantitation Report (Qedit)

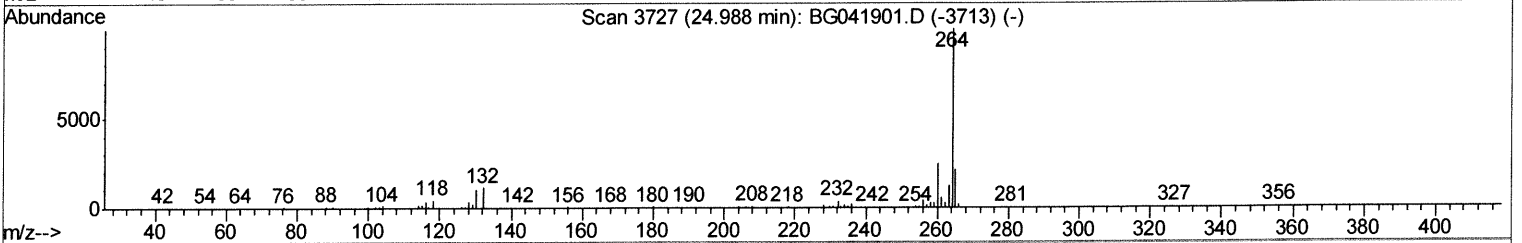
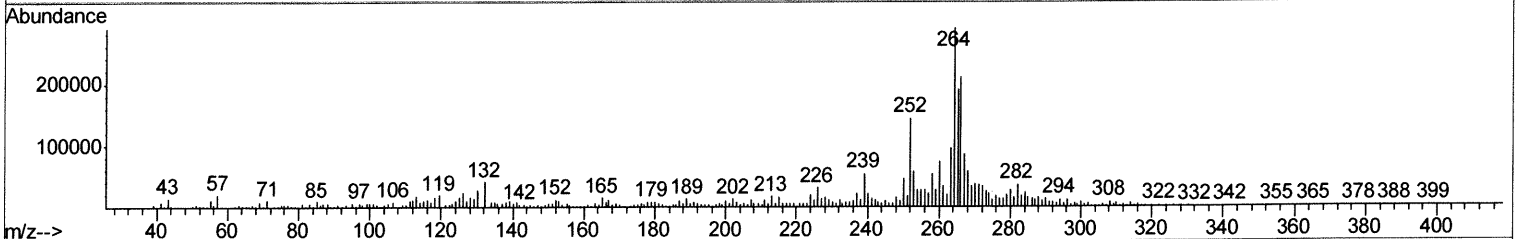
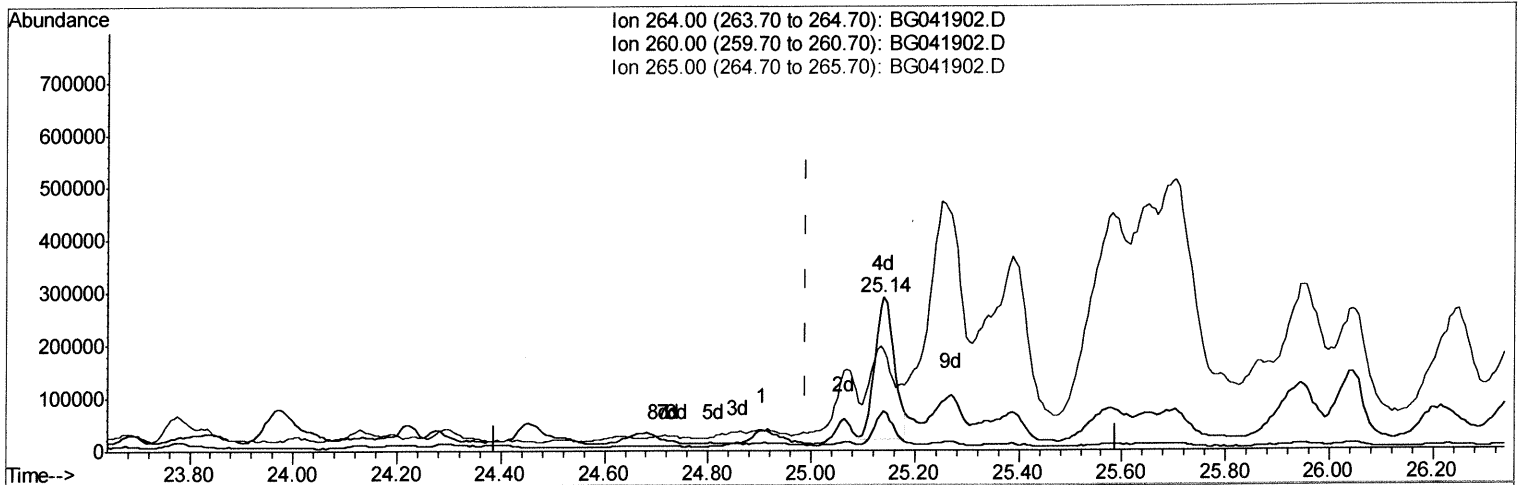
Data File : BG041902.D
Acq On : 3 Aug 2019 10:10
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENP1

Manual Integrations
APPROVED

mohammad
8/6/2019 12:17:42 PM

Quant Time: Aug 04 00:24:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 04 00:02:32 2019
Response via : Initial Calibration



TIC: BG041902.D

(85) Perylene-d12 (I)

25.139min (+0.151) 20.00ng/ul m

JU
08/05/19

response 704161

Ion	Exp%	Act%
264.00	100	100
260.00	23.20	25.32
265.00	22.50	65.62#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\
Quantitation Report (Qedit)

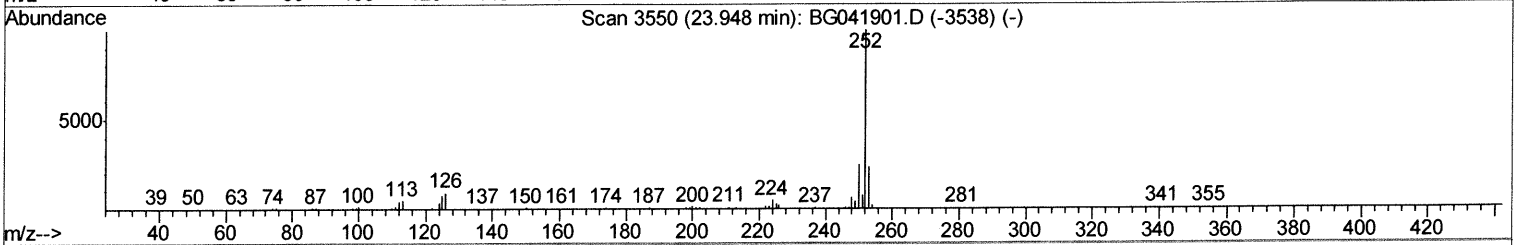
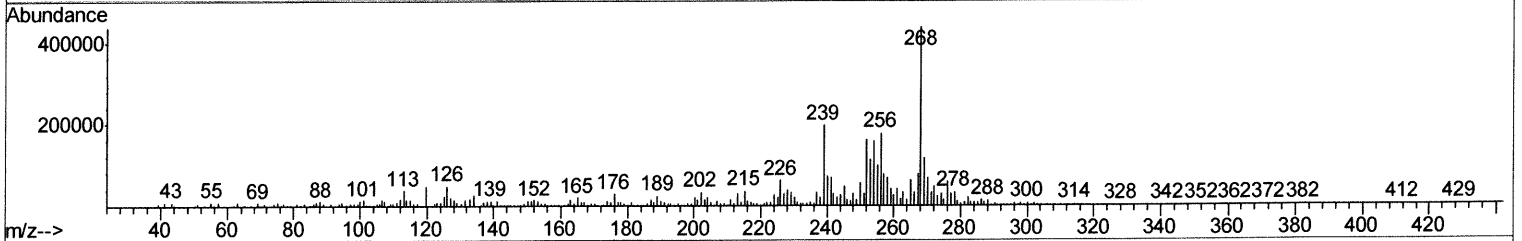
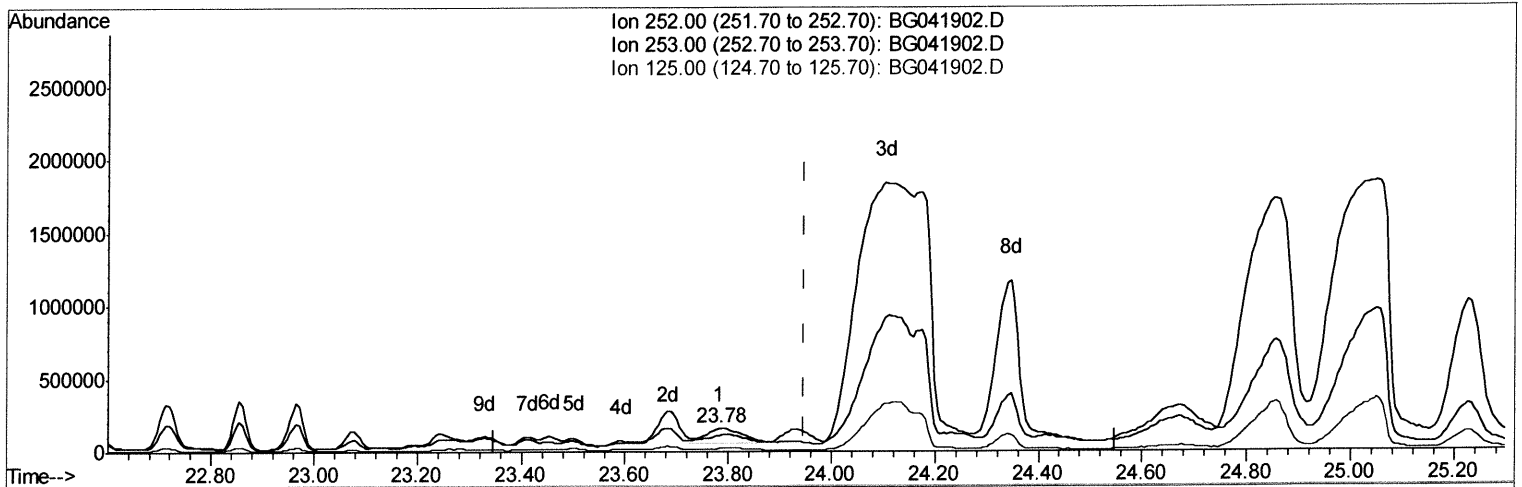
Data File : BG041902.D
Acq On : 3 Aug 2019 10:10
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENP1

Manual Integrations
APPROVED

mohammad
8/6/2019 12:17:42 PM

Quant Time: Aug 04 00:28:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 04 00:02:32 2019
Response via : Initial Calibration



TIC: BG041902.D

(87) Benzo(b)fluoranthene

23.782min (-0.166) 11.35ng/ul

response 501765

Ion	Exp%	Act%
252.00	100	100
253.00	23.00	70.18#
125.00	7.30	14.68#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\
Quantitation Report (Qedit)

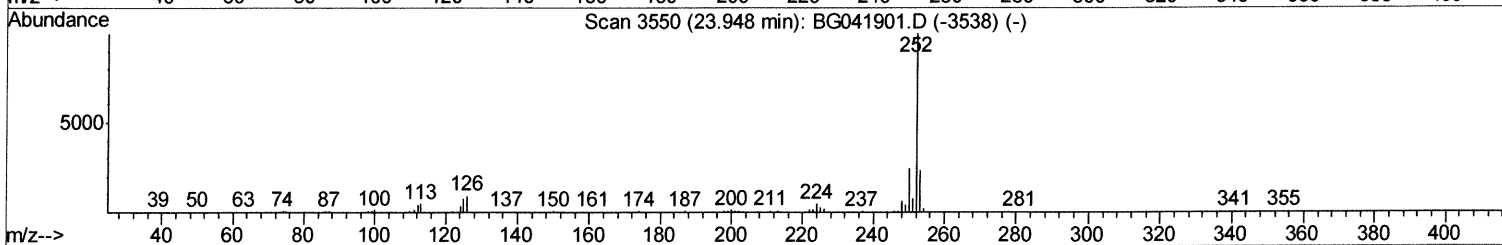
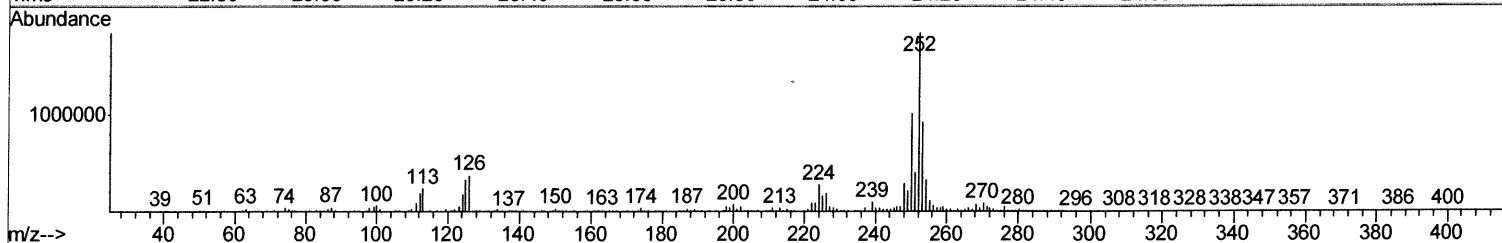
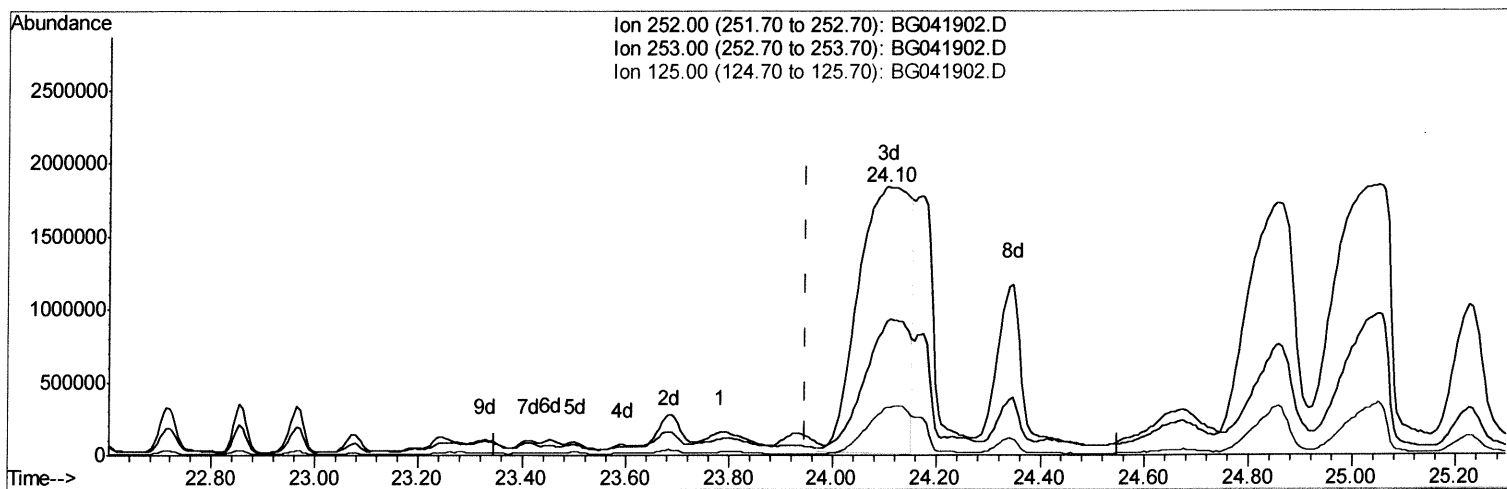
Data File : BG041902.D
Acq On : 3 Aug 2019 10:10
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENP1

Manual Integrations
APPROVED

mohammad
8/6/2019 12:17:42 PM

Quant Time: Aug 04 00:28:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 04 00:02:32 2019
Response via : Initial Calibration



TIC: BG041902.D

(87) Benzo(b)fluoranthene

24.105min (+0.157) 285.43ng/ul m *JU 08/05/19*

response 12613270

Ion	Exp%	Act%
252.00	100	100
253.00	23.00	49.86#
125.00	7.30	17.98#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\
Quantitation Report (Qedit)

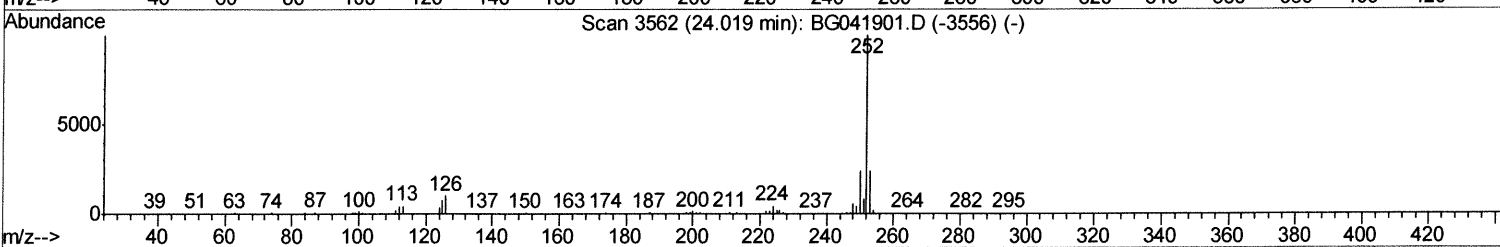
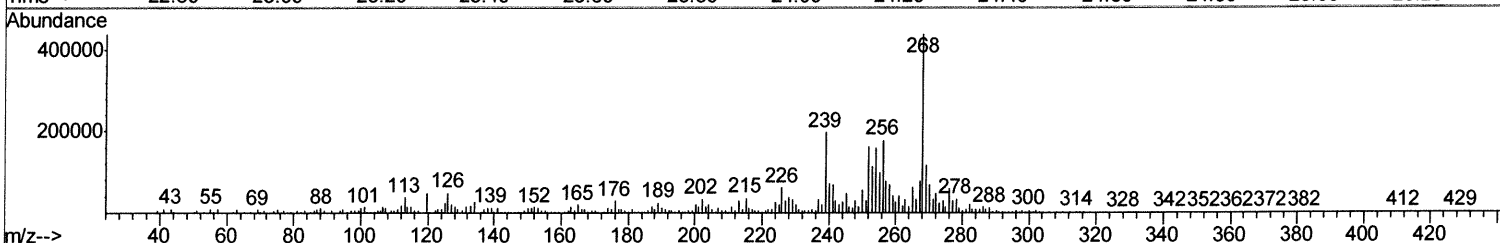
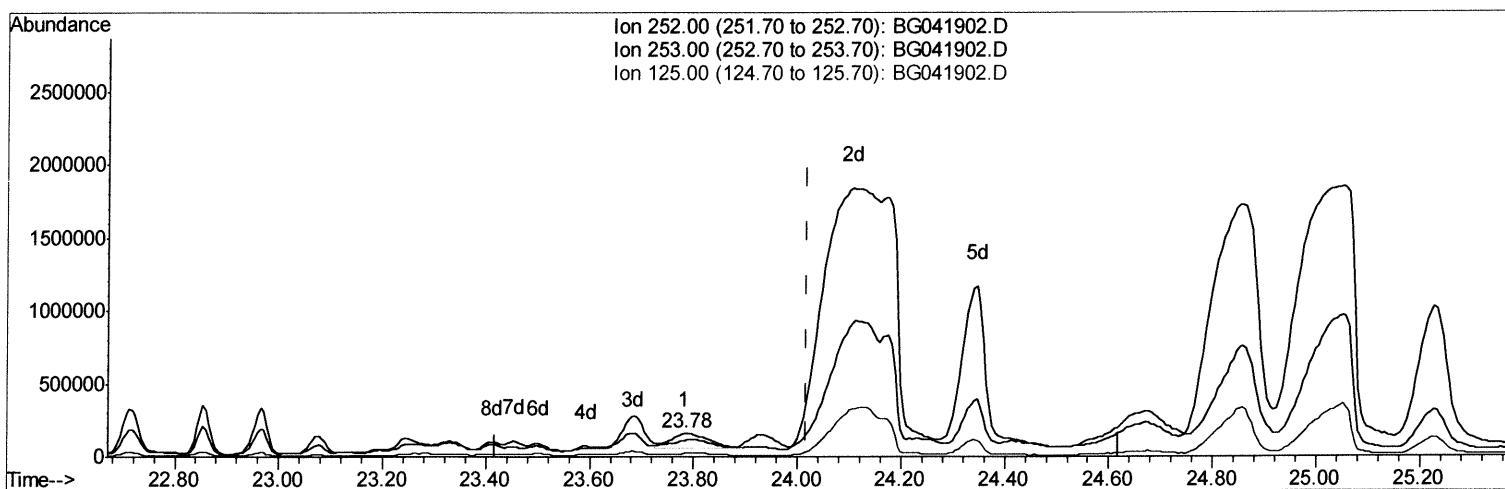
Data File : BG041902.D
Acq On : 3 Aug 2019 10:10
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENP1

Manual Integrations
APPROVED

mohammad
8/6/2019 12:17:42 PM

Quant Time: Aug 04 00:28:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 04 00:02:32 2019
Response via : Initial Calibration



TIC: BG041902.D

(88) Benzo(k)fluoranthene

23.782min (-0.237) 11.87ng/ul

response 504178

Ion	Exp%	Act%
252.00	100	100
253.00	22.90	70.18#
125.00	6.90	14.68#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\
Quantitation Report (Qedit)

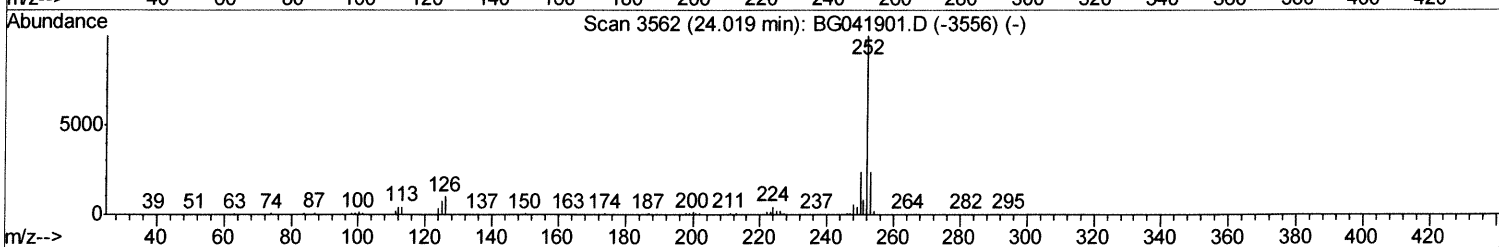
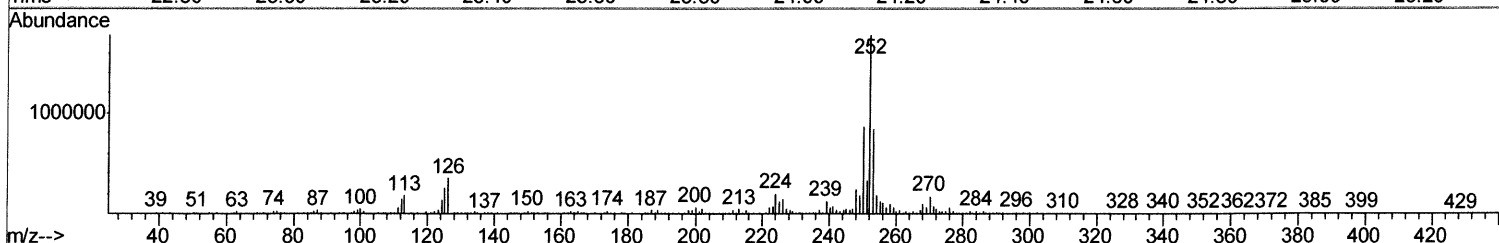
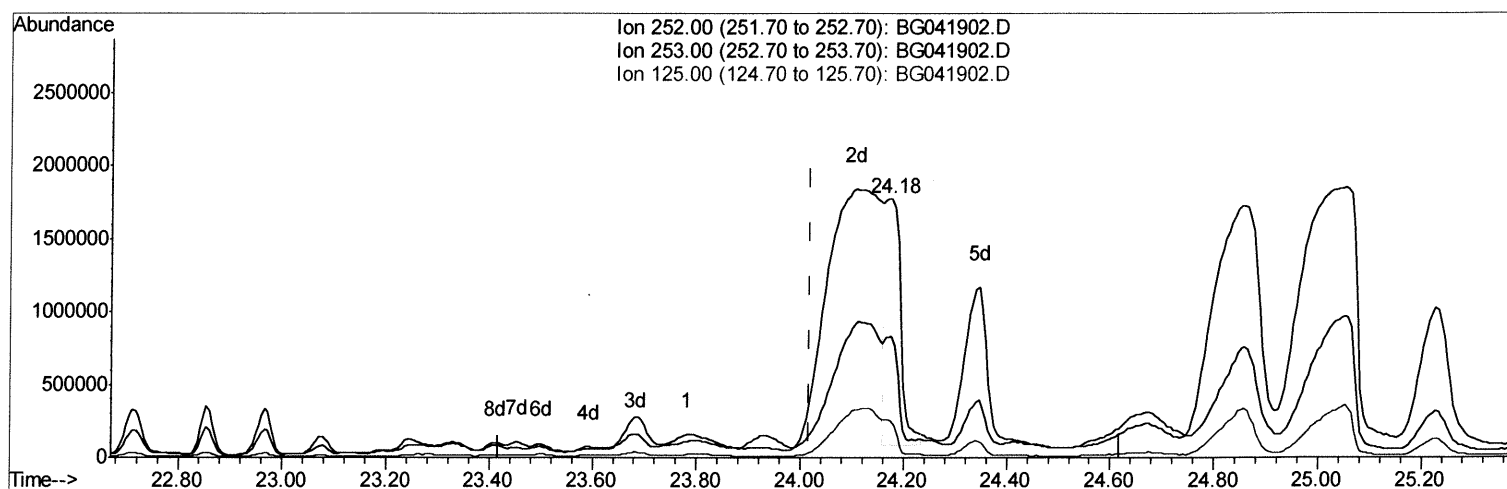
Data File : BG041902.D
Acq On : 3 Aug 2019 10:10
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENP1

Manual Integrations
APPROVED

mohammad
8/6/2019 12:17:42 PM

Quant Time: Aug 04 00:28:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 04 00:02:32 2019
Response via : Initial Calibration



TIC: BG041902.D

(88) Benzo(k)fluoranthene

24.175min (+0.157) 83.33ng/ul m

JU
08/05/19

response 3540609

Ion	Exp%	Act%
252.00	100	100
253.00	22.90	47.02#
125.00	6.90	14.29#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\
Quantitation Report (Qedit)

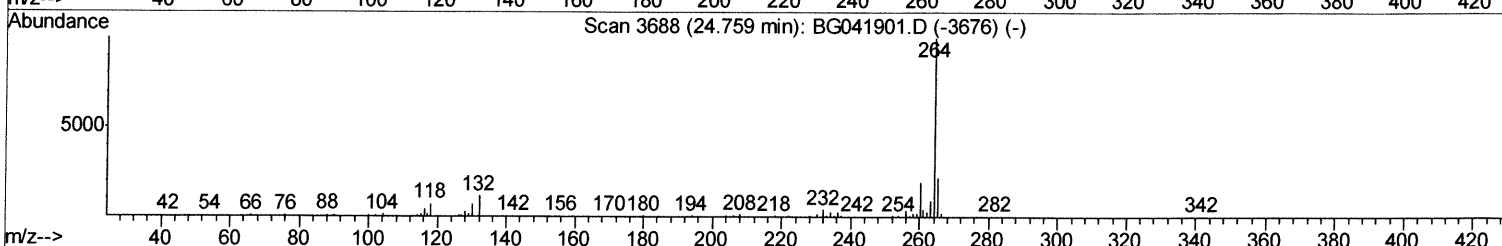
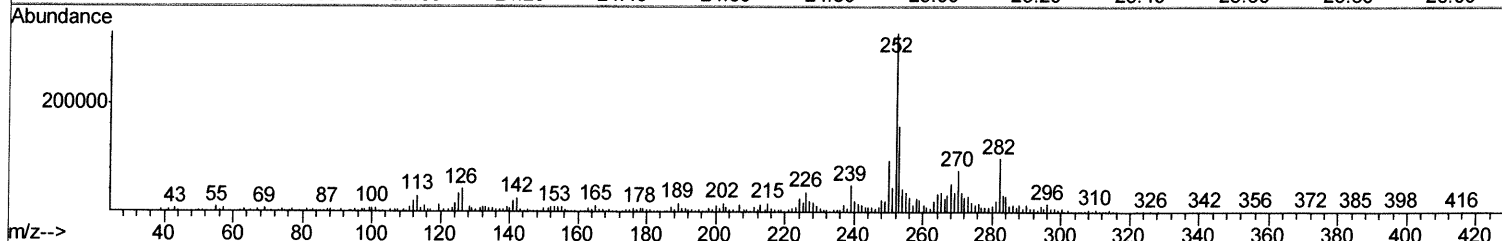
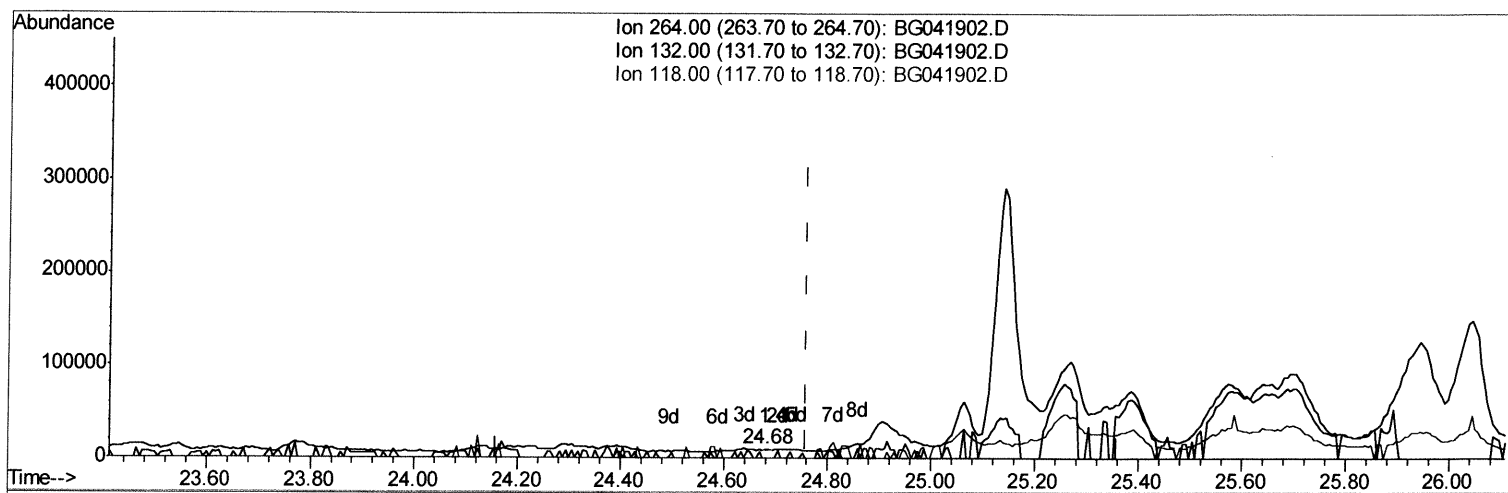
Data File : BG041902.D
Acq On : 3 Aug 2019 10:10
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENP1

Manual Integrations
APPROVED

mohammad
8/6/2019 12:17:42 PM

Quant Time: Aug 04 00:28:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 04 00:02:32 2019
Response via : Initial Calibration



TIC: BG041902.D

(89) Benzo(a)pyrene-d12 (S)

24.681min (-0.078) 0.02ng/ul

response 799

Ion	Exp%	Act%
264.00	100	100
132.00	11.90	0.00#
118.00	6.50	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\
Quantitation Report (Qedit)

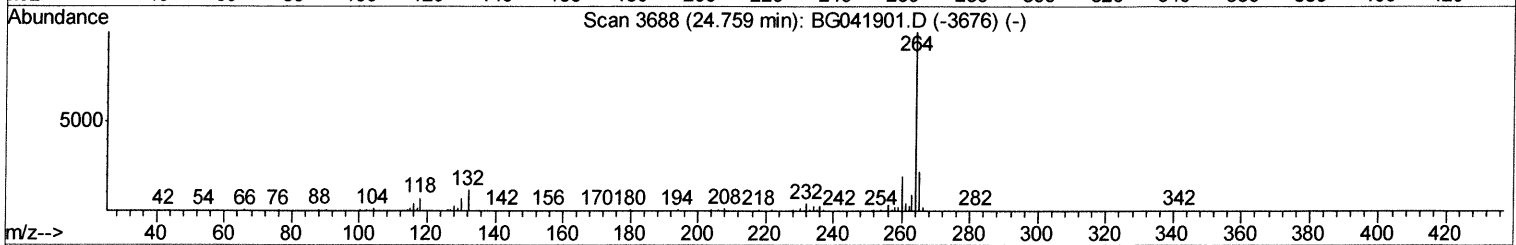
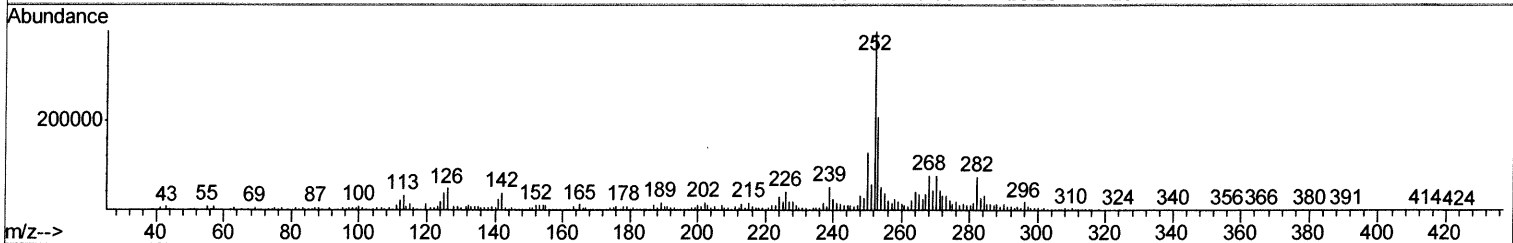
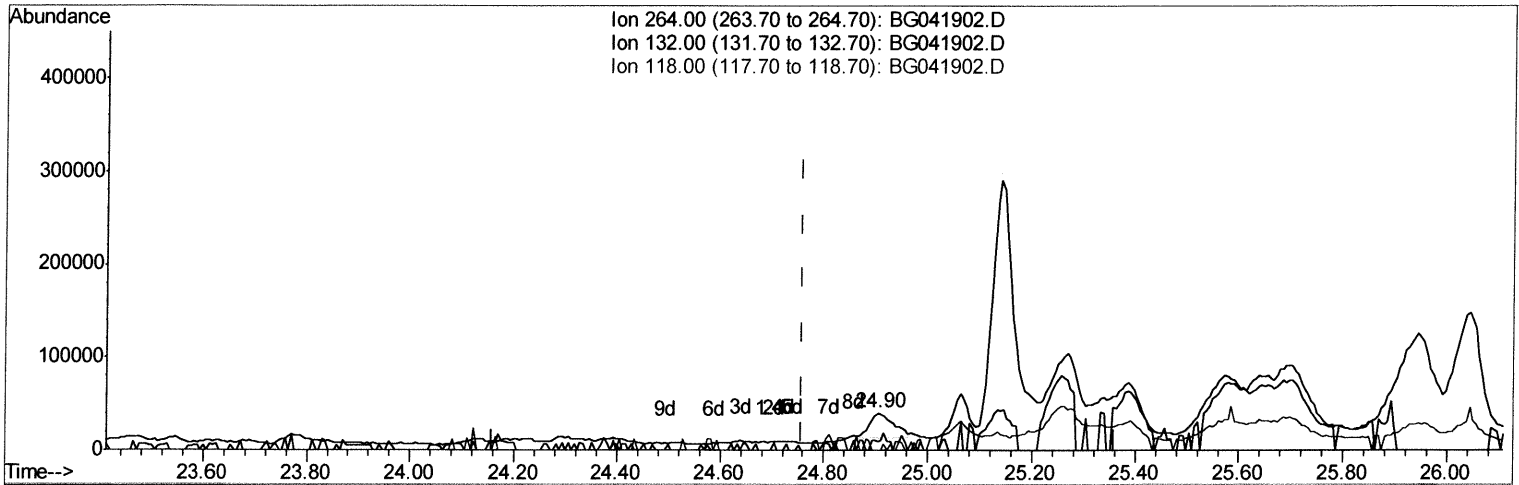
Data File : BG041902.D
Acq On : 3 Aug 2019 10:10
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENP1

Manual Integrations
APPROVED

mohammad
8/6/2019 12:17:42 PM

Quant Time: Aug 04 00:28:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 04 00:02:32 2019
Response via : Initial Calibration



TIC: BG041902.D

(89) Benzo(a)pyrene-d12 (S)

24.904min (+0.145) 2.37ng/ul m *JU 08/05/19*

response 87186

Ion	Exp%	Act%
264.00	100	100
132.00	11.90	24.66#
118.00	6.50	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\
Quantitation Report (Qedit)

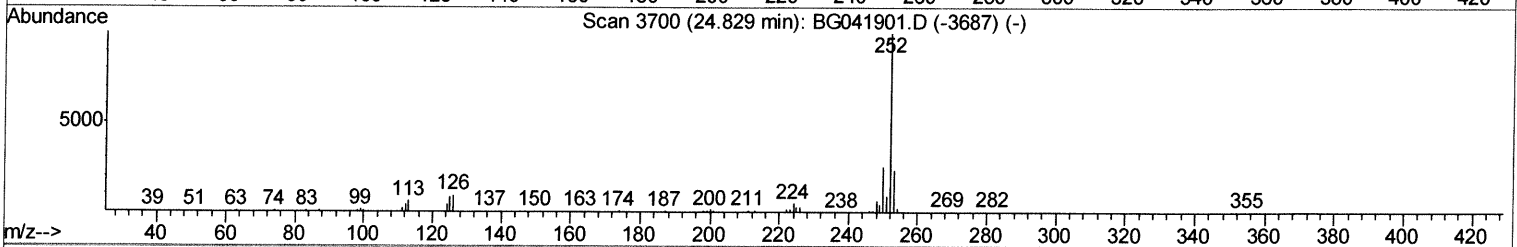
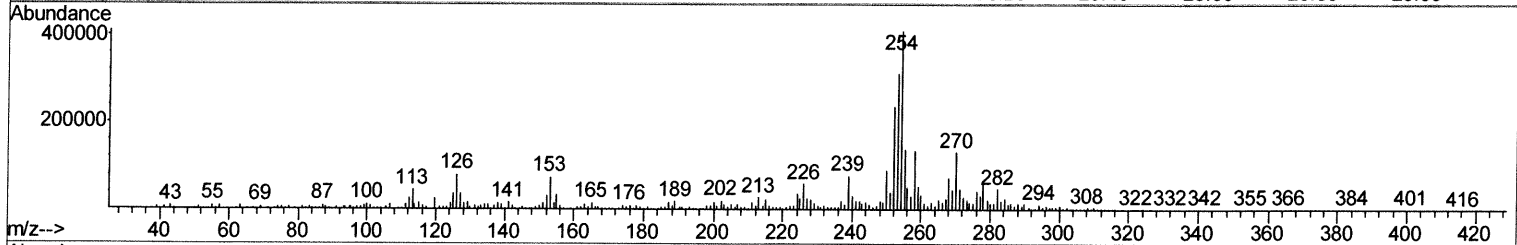
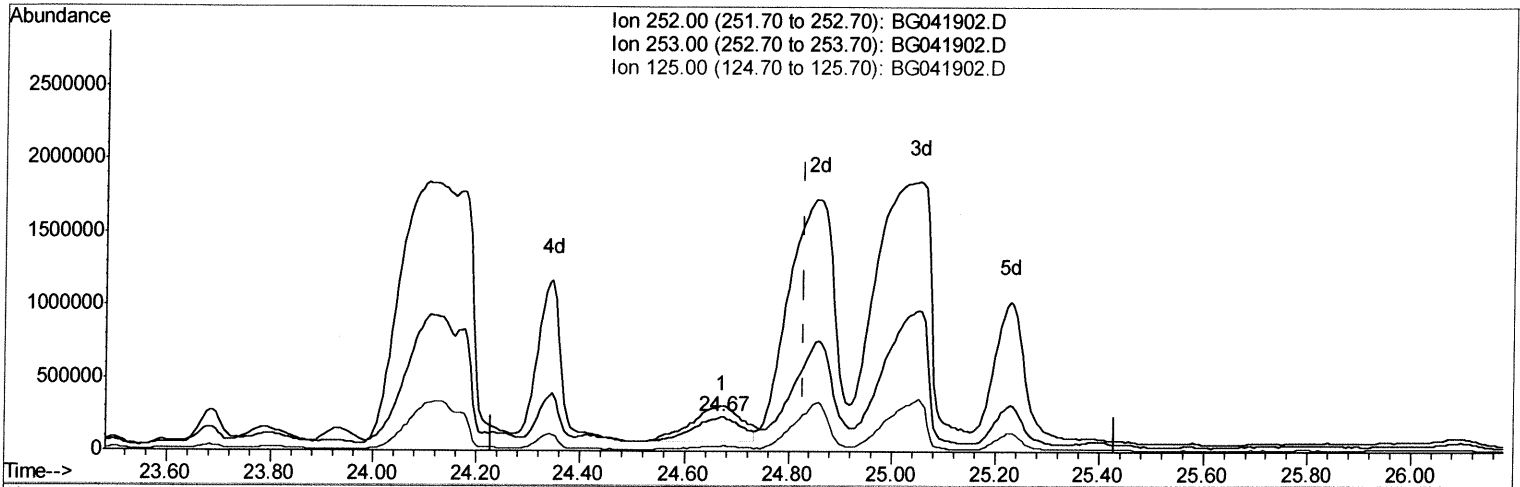
Data File : BG041902.D
Acq On : 3 Aug 2019 10:10
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENP1

Manual Integrations
APPROVED

mohammad
8/6/2019 12:17:42 PM

Quant Time: Aug 04 00:28:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 04 00:02:32 2019
Response via : Initial Calibration



TIC: BG041902.D

(90) Benzo(a)pyrene (C)

24.669min (-0.160) 25.97ng/ul

response 1093443

Ion	Exp%	Act%
252.00	100	100
253.00	22.90	132.86#
125.00	8.10	16.14#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\
Quantitation Report (Qedit)

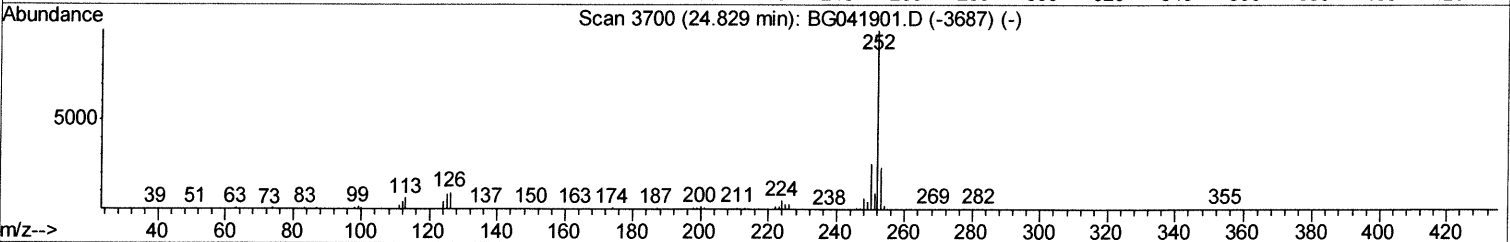
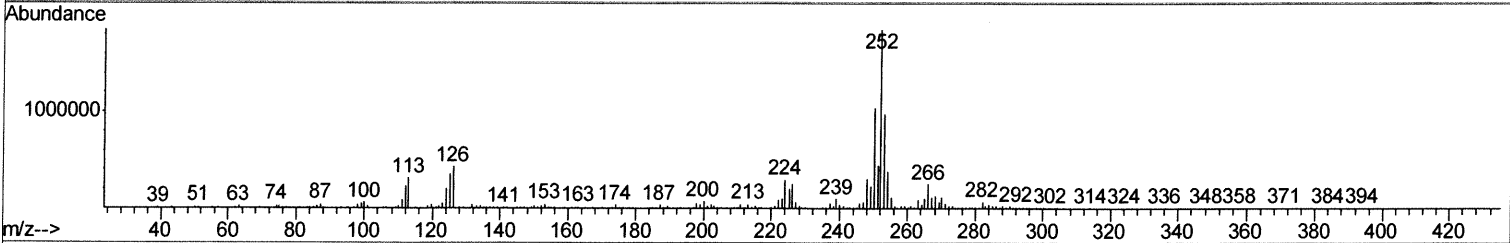
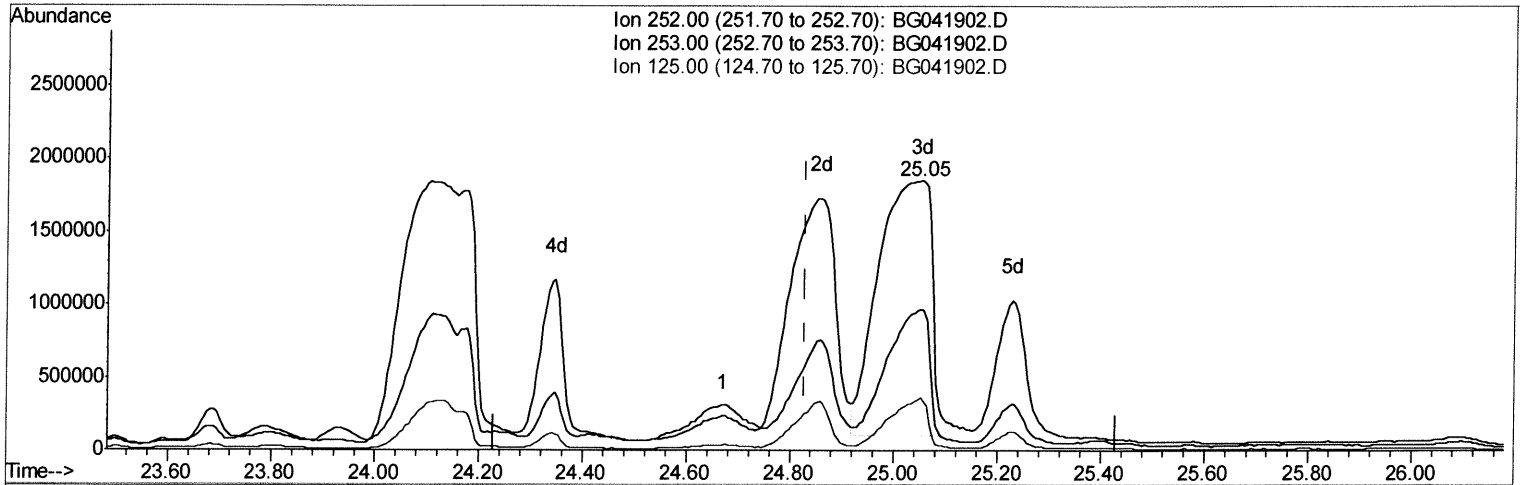
Data File : BG041902.D
Acq On : 3 Aug 2019 10:10
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENP1

Manual Integrations
APPROVED

mohammad
8/6/2019 12:17:42 PM

Quant Time: Aug 04 00:28:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 04 00:02:32 2019
Response via : Initial Calibration



TIC: BG041902.D

(90) Benzo(a)pyrene (C)

25.051min (+0.221) 298.60ng/ul m 08/05/19

response 12573647

Ion	Exp%	Act%
252.00	100	100
253.00	22.90	52.45#
125.00	8.10	19.42#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\
Quantitation Report (Qedit)

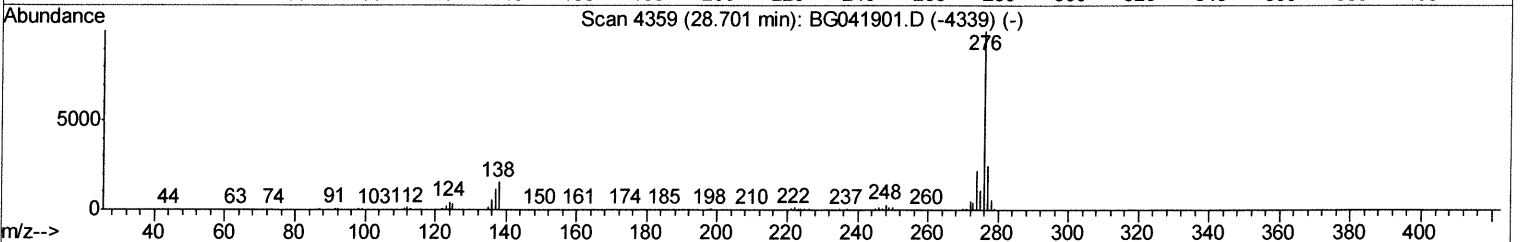
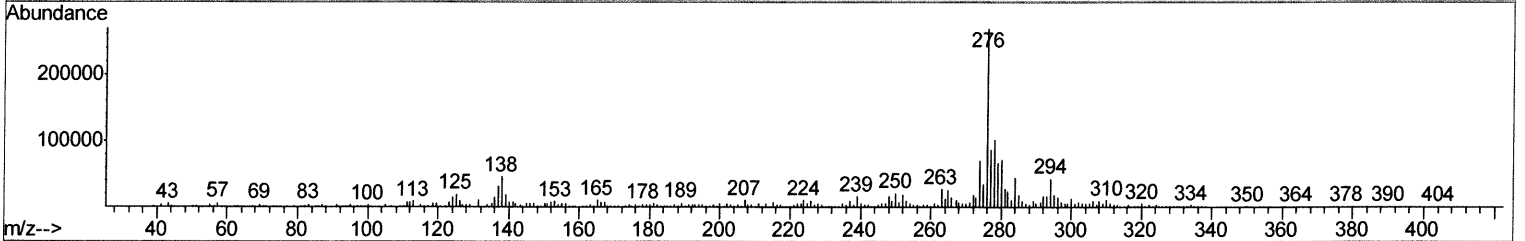
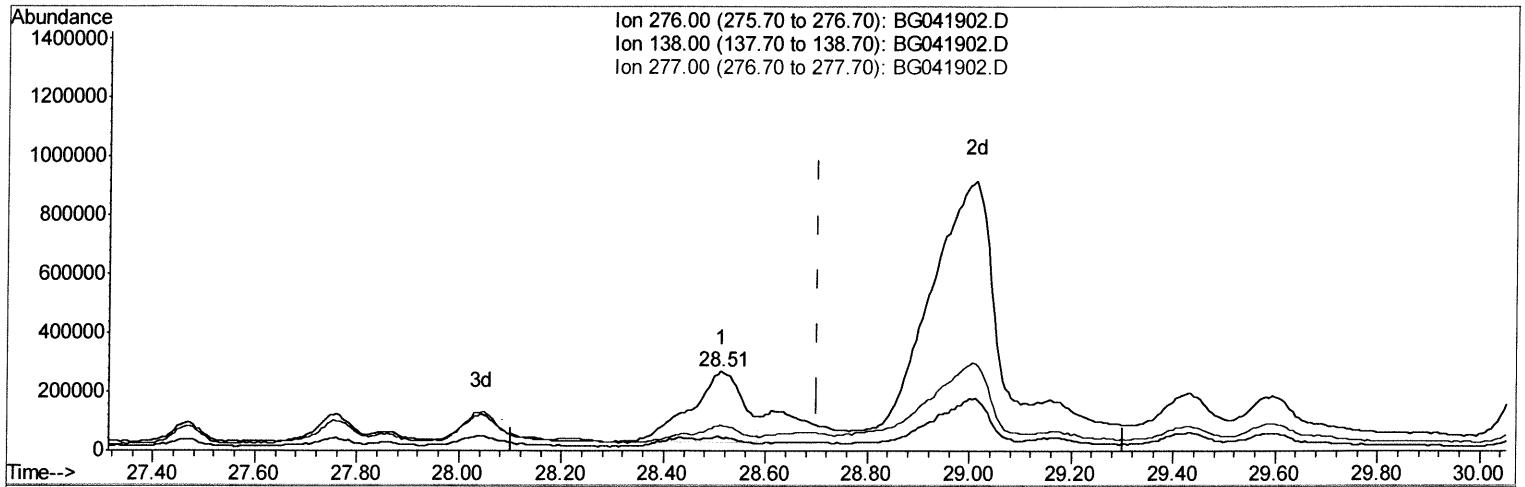
Data File : BG041902.D
Acq On : 3 Aug 2019 10:10
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENP1

Manual Integrations
APPROVED

mohammad
8/6/2019 12:17:42 PM

Quant Time: Aug 04 00:28:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 04 00:02:32 2019
Response via : Initial Calibration



TIC: BG041902.D

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

28.512min (-0.190) 33.91ng/ul

response 1665328

Ion	Exp%	Act%
276.00	100	100
138.00	15.00	16.89
277.00	24.00	32.02#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\
Quantitation Report (Qedit)

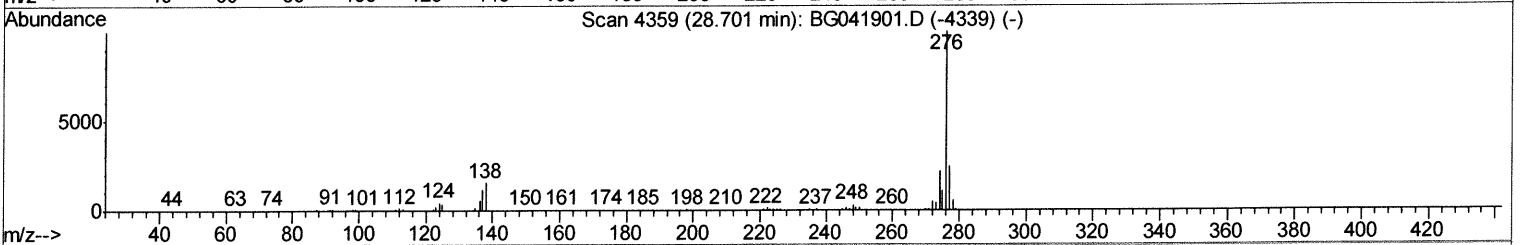
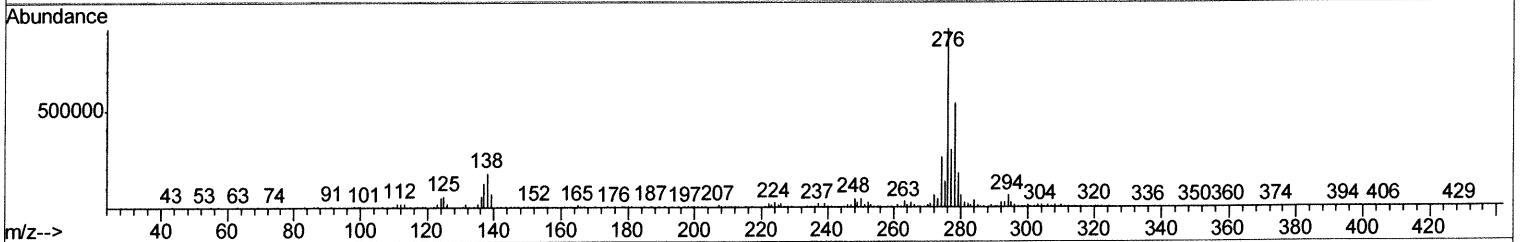
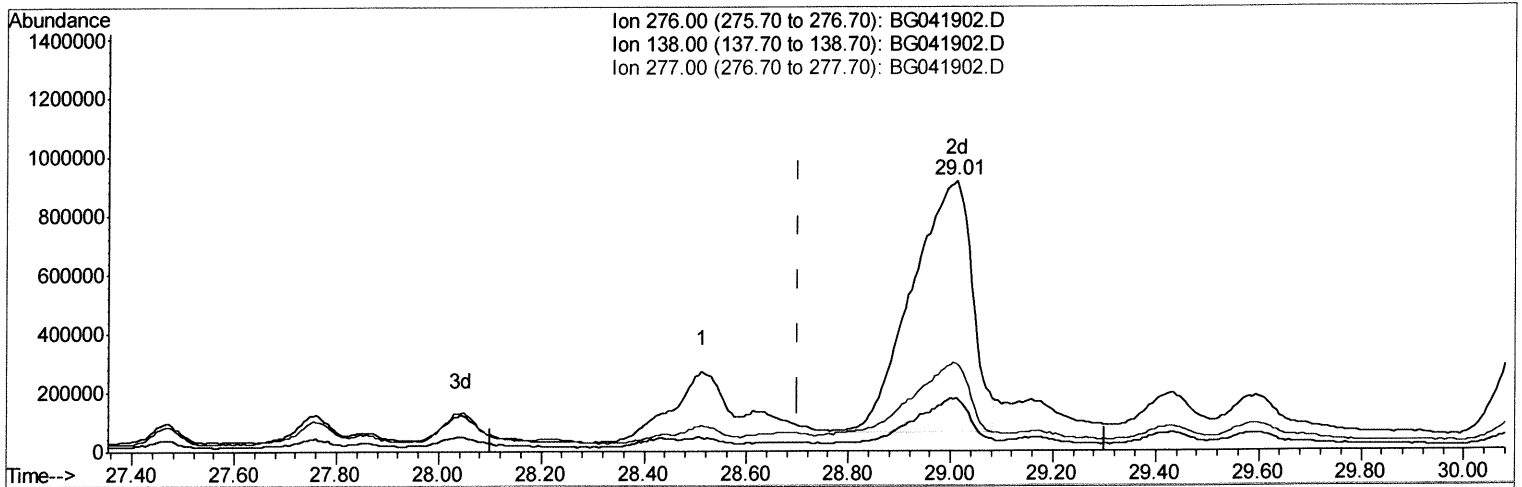
Data File : BG041902.D
Acq On : 3 Aug 2019 10:10
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENP1

Manual Integrations
APPROVED

mohammad
8/6/2019 12:17:42 PM

Quant Time: Aug 04 00:28:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 04 00:02:32 2019
Response via : Initial Calibration



TIC: BG041902.D

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

29.011min (+0.310) 141.46ng/ul m

J08/05/19

response 6947969

Ion	Exp%	Act%
276.00	100	100
138.00	15.00	19.43#
277.00	24.00	32.06#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\
Quantitation Report (Qedit)

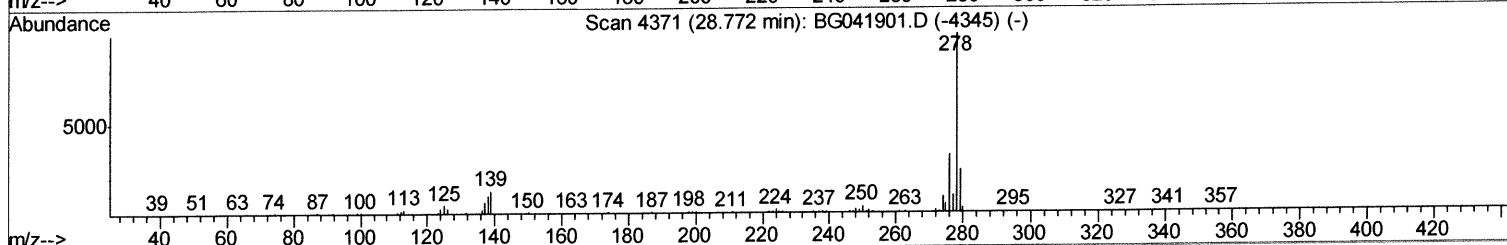
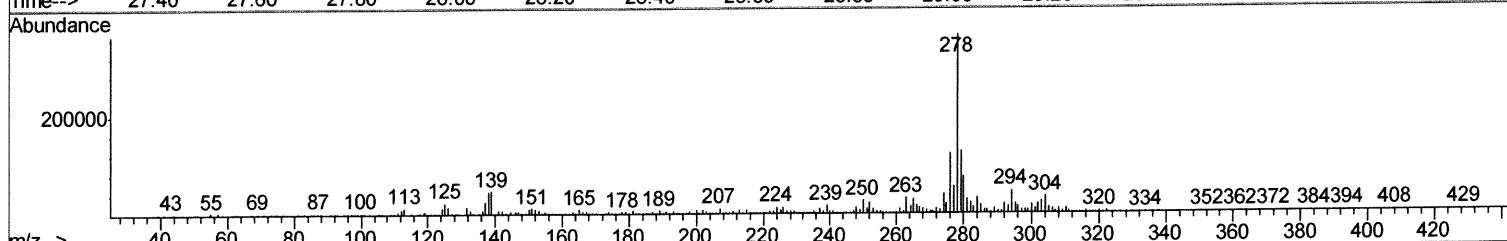
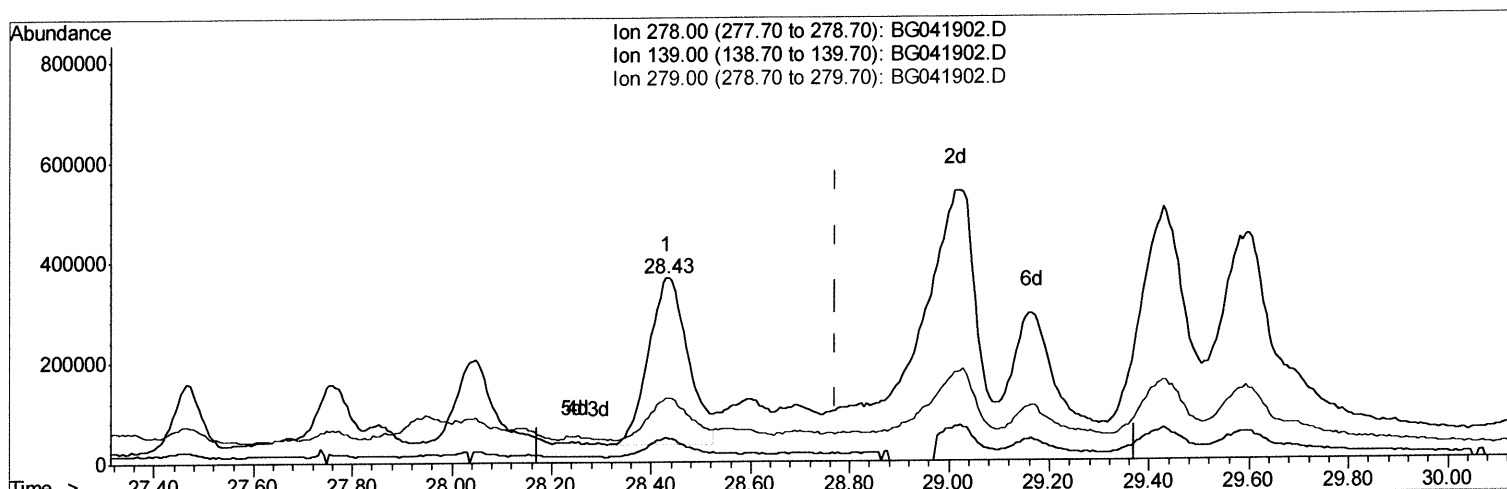
Data File : BG041902.D
Acq On : 3 Aug 2019 10:10
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENP1

Manual Integrations
APPROVED

mohammad
8/6/2019 12:17:42 PM

Quant Time: Aug 04 00:28:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 04 00:02:32 2019
Response via : Initial Calibration



TIC: BG041902.D

(92) Dibenzo(a,h)anthracene

28.429min (-0.343) 45.80ng/ul

response 1834935

Ion	Exp%	Act%
278.00	100	100
139.00	11.70	13.05
279.00	24.00	34.72#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\
Quantitation Report (Qedit)

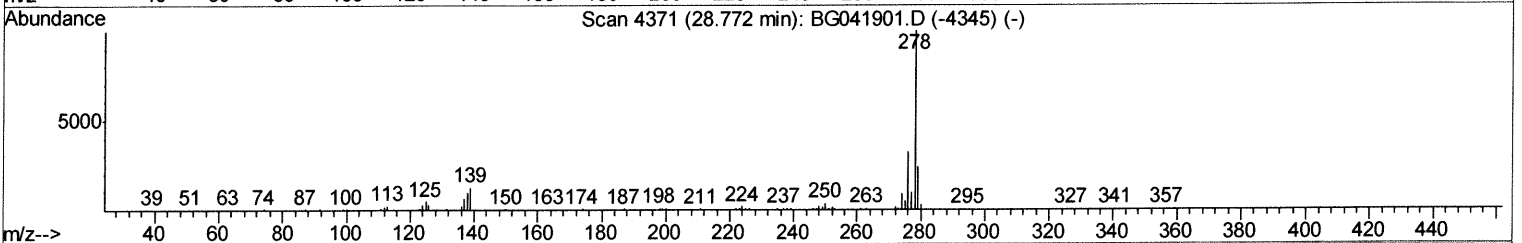
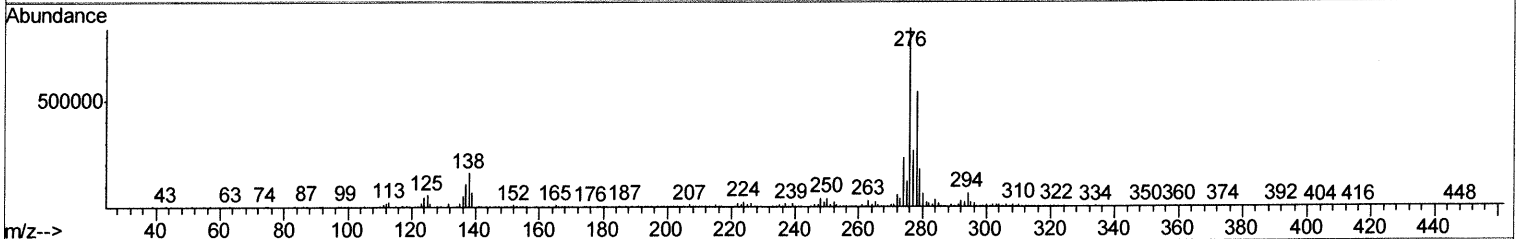
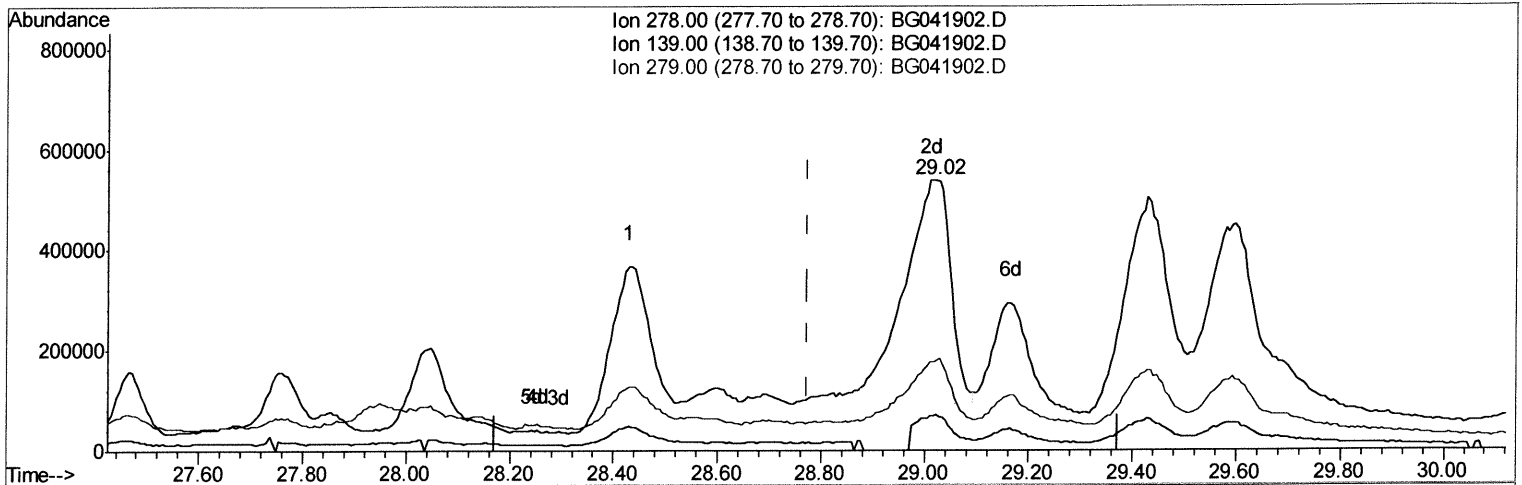
Data File : BG041902.D
Acq On : 3 Aug 2019 10:10
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENP1

Manual Integrations
APPROVED

mohammad
8/6/2019 12:17:42 PM

Quant Time: Aug 04 00:28:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 04 00:02:32 2019
Response via : Initial Calibration



TIC: BG041902.D

(92) Dibenzo(a,h)anthracene

29.023min (+0.251) 69.21ng/ul m *JU 08/05/19*

response 2772733

Ion	Exp%	Act%
278.00	100	100
139.00	11.70	13.18
279.00	24.00	33.12#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\
Quantitation Report (Qedit)

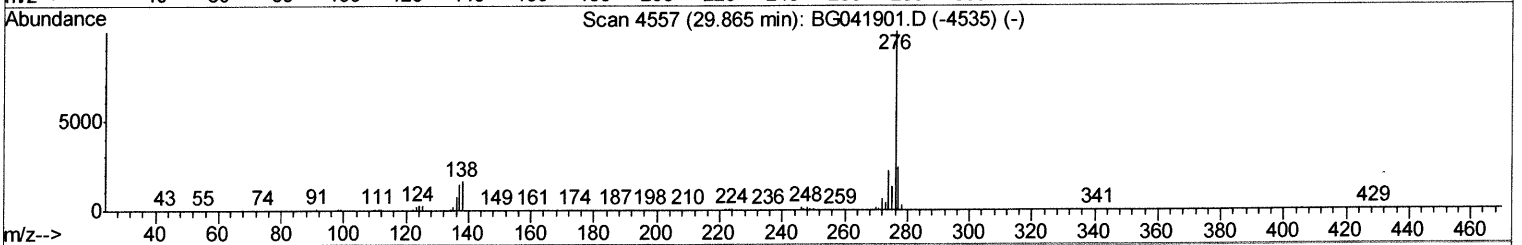
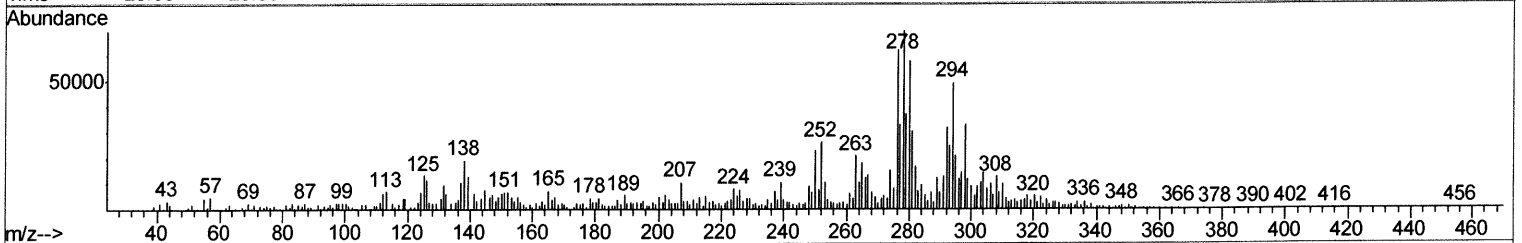
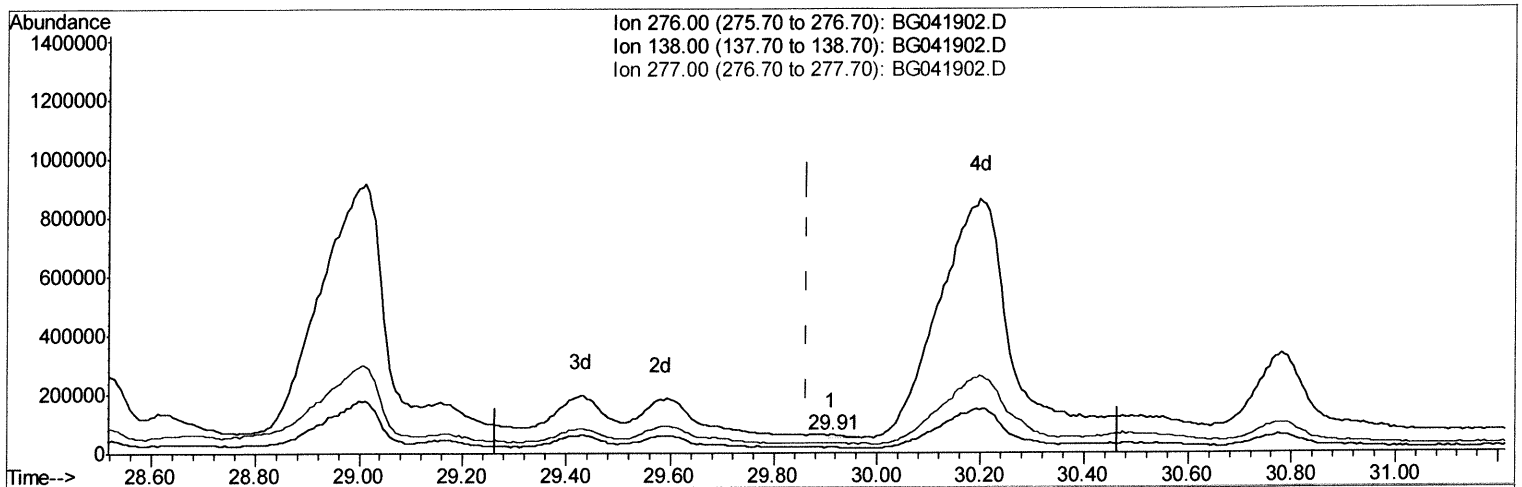
Data File : BG041902.D
Acq On : 3 Aug 2019 10:10
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENP1

Manual Integrations
APPROVED

mohammad
8/6/2019 12:17:42 PM

Quant Time: Aug 04 00:28:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 04 00:02:32 2019
Response via : Initial Calibration



TIC: BG041902.D

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

29.910min (+0.045) 0.41ng/ul

response 16948

Ion	Exp%	Act%
276.00	100	100
138.00	15.70	31.21#
277.00	24.00	53.64#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\
Quantitation Report (Qedit)

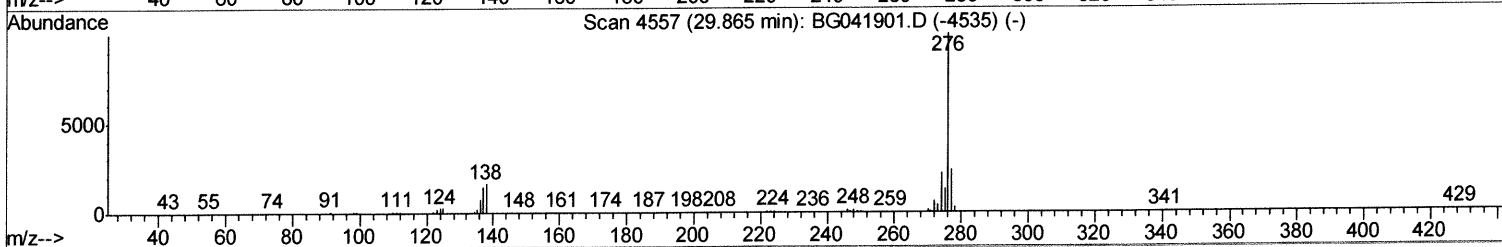
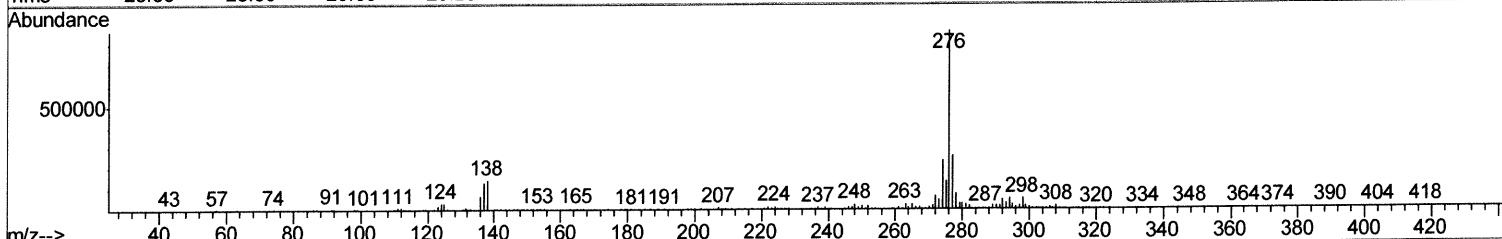
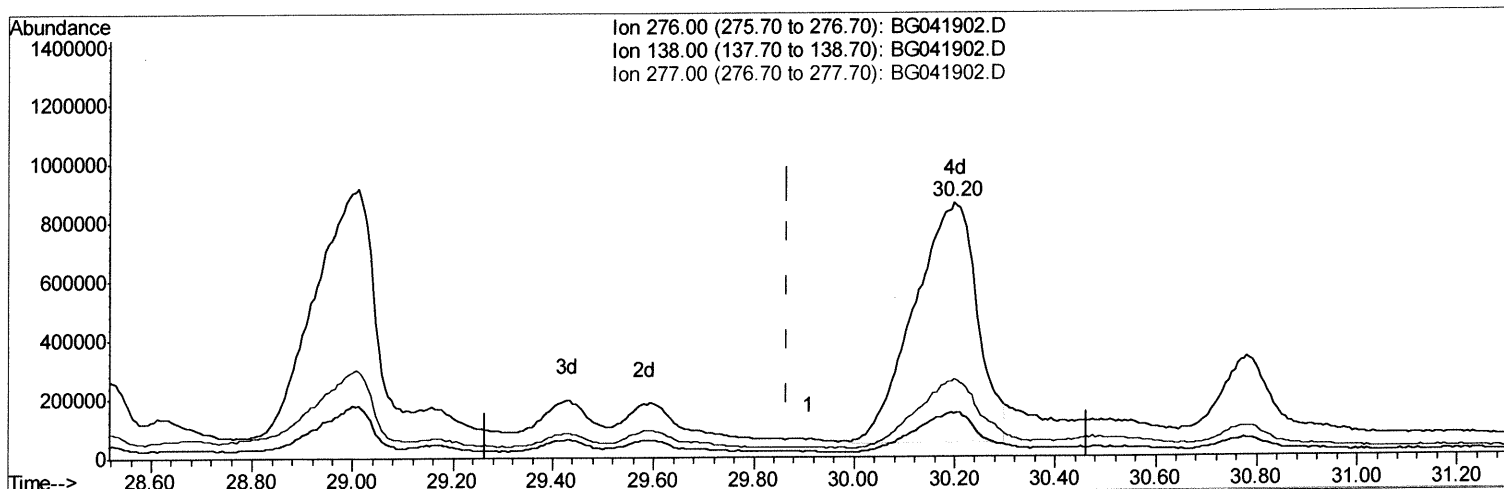
Data File : BG041902.D
Acq On : 3 Aug 2019 10:10
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENP1

Manual Integrations
APPROVED

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8/6/2019 12:17:42 PM

Quant Time: Aug 04 00:28:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 04 00:02:32 2019
Response via : Initial Calibration



TIC: BG041902.D

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

30.198min (+0.333) 174.46ng/ul m

JU
08/05/19

response 7153840

Ion	Exp%	Act%
276.00	100	100
138.00	15.70	16.81
277.00	24.00	30.17#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\
Quantitation Report (Qedit)

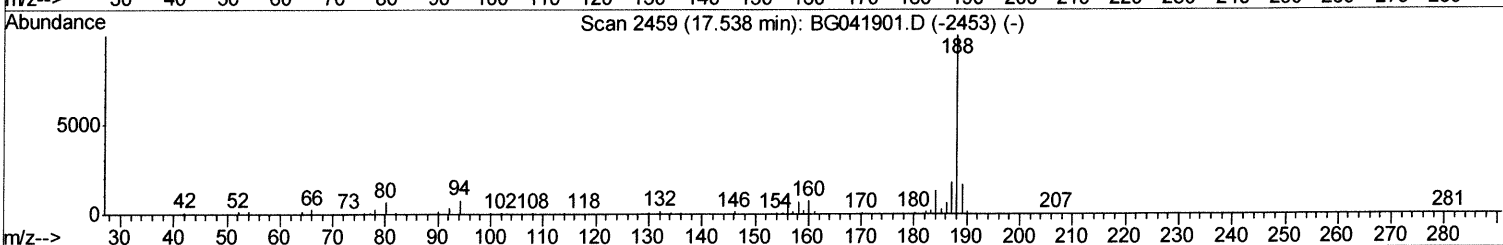
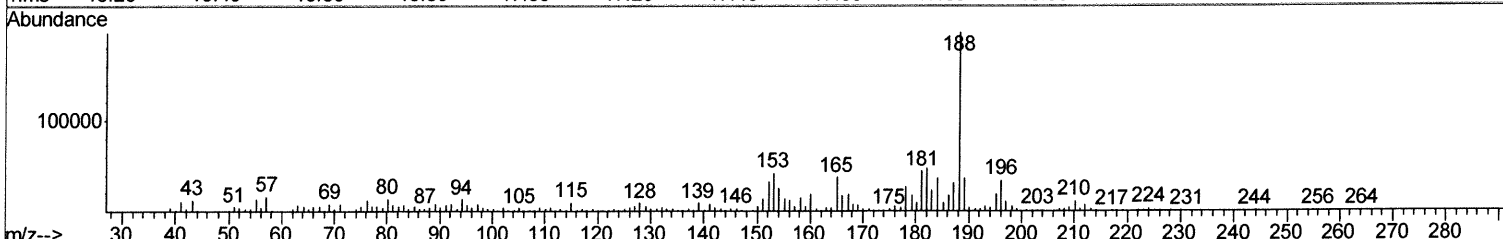
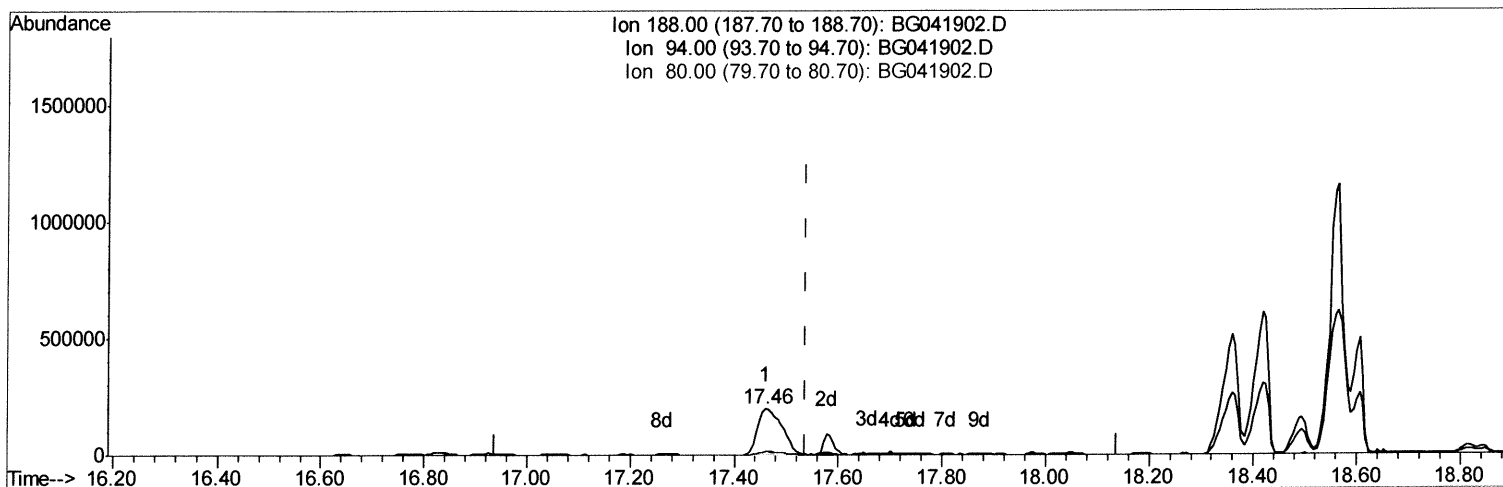
Data File : BG041902.D
Acq On : 3 Aug 2019 10:10
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENP1

Manual Integrations
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Quant Time: Aug 04 00:28:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 04 00:02:32 2019
Response via : Initial Calibration



TIC: BG041902.D

(70) Anthracene-d10 (S)

17.460min (-0.078) 20.93ng/ul

response 639134

Ion	Exp%	Act%
188.00	100	100
94.00	7.20	6.84
80.00	7.00	7.04
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\
Quantitation Report (Qedit)

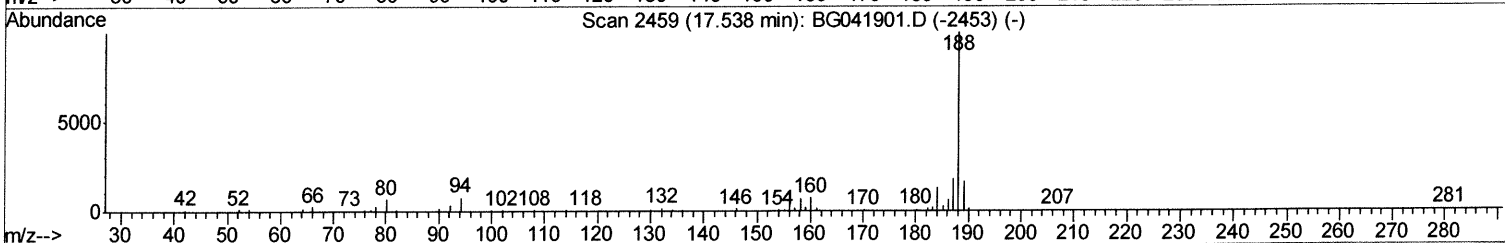
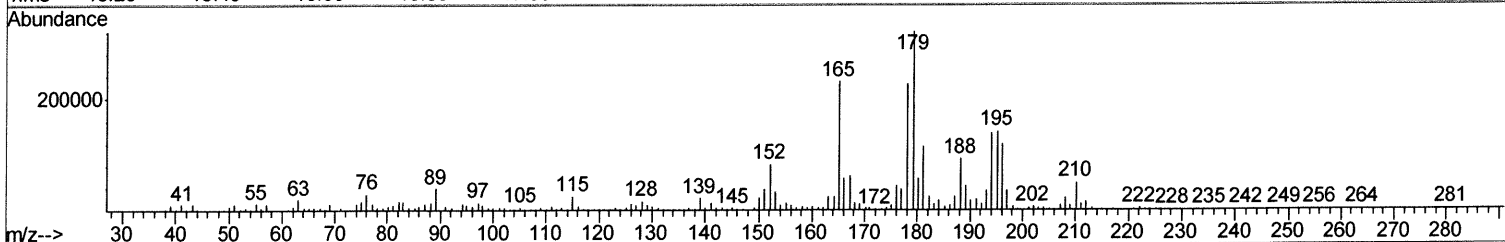
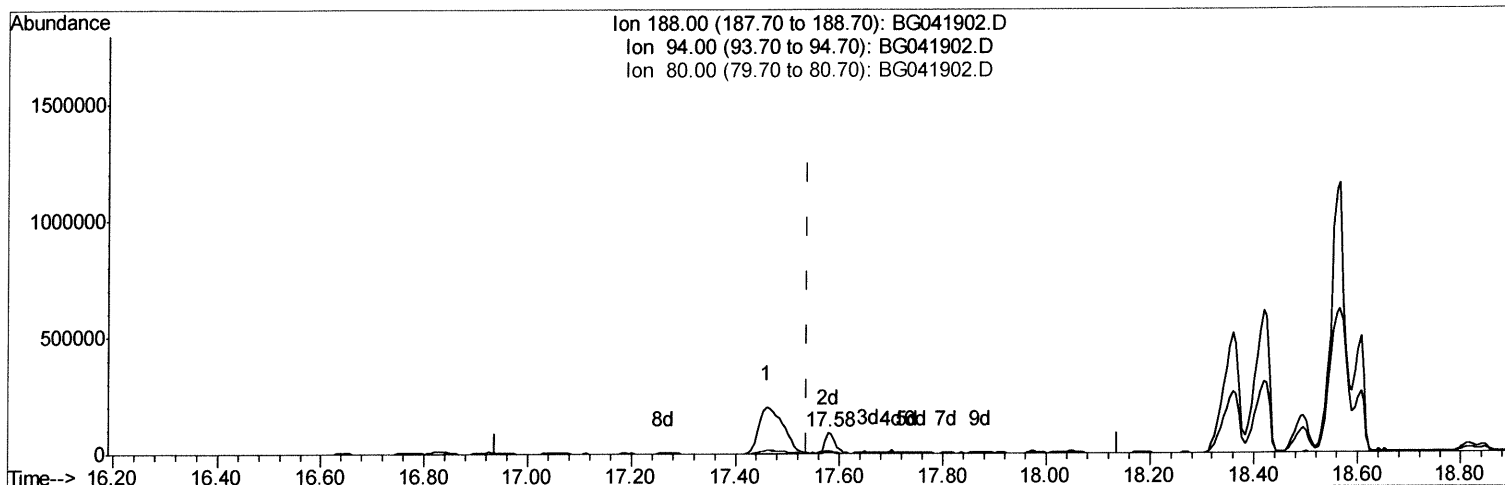
Data File : BG041902.D
Acq On : 3 Aug 2019 10:10
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
BENP1

Manual Integrations
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8/6/2019 12:17:42 PM

Quant Time: Aug 04 00:28:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 04 00:02:32 2019
Response via : Initial Calibration



TIC: BG041902.D

(70) Anthracene-d10 (S)

17.577min (+0.039) 3.99ng/ul m

response 121736

Ion	Exp%	Act%
188.00	100	100
94.00	7.20	11.15#
80.00	7.00	6.95
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\
Quantitation Report (Qedit)

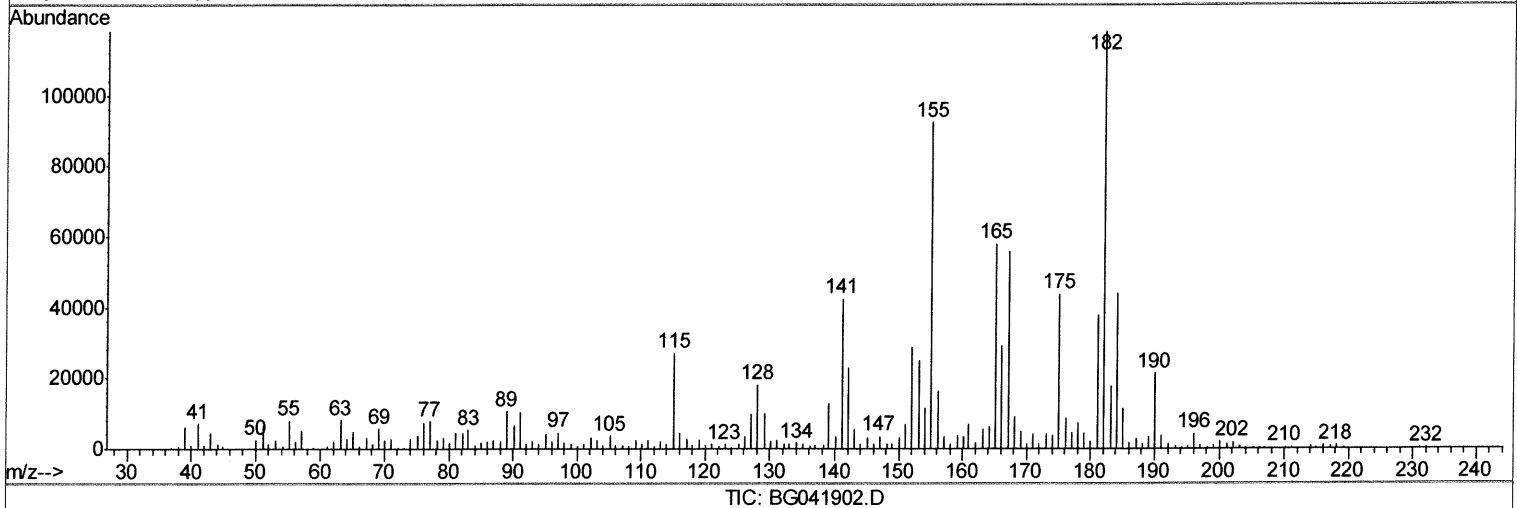
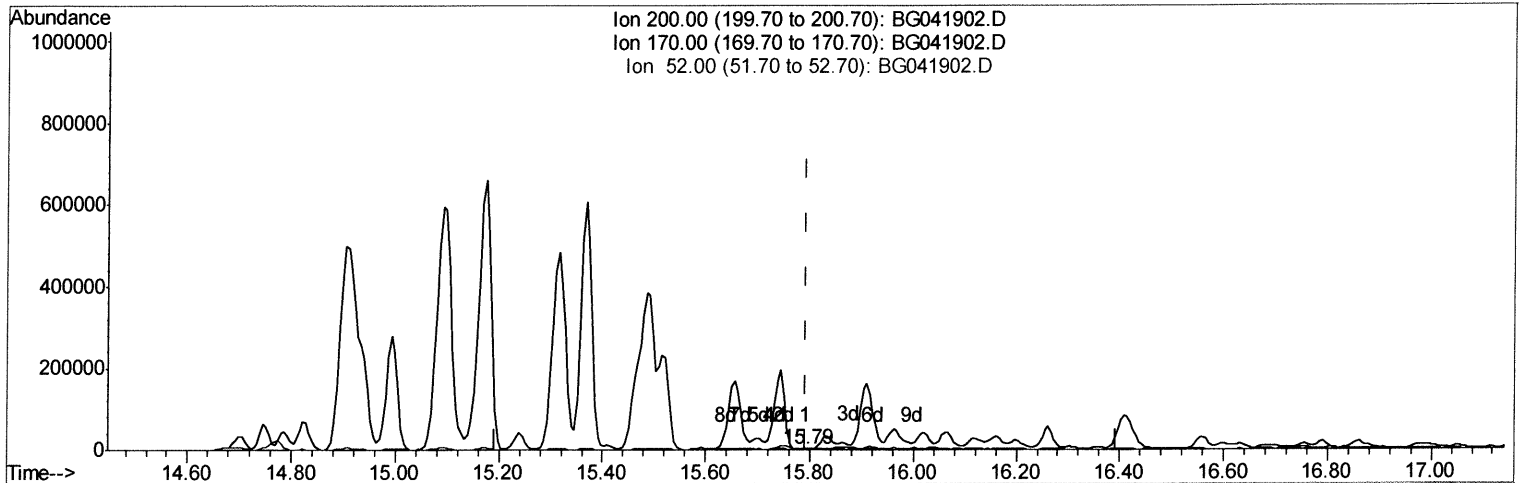
Data File : BG041902.D
Acq On : 3 Aug 2019 10:10
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENP1

Manual Integrations
APPROVED

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Quant Time: Aug 04 00:31:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 04 00:02:32 2019
Response via : Initial Calibration



(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.791min (-0.002) 0.24ng/ul

response 967

Ion	Exp%	Act%
200.00	100	100
170.00	15.80	71.93#
52.00	31.40	66.84#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\
Quantitation Report (Qedit)

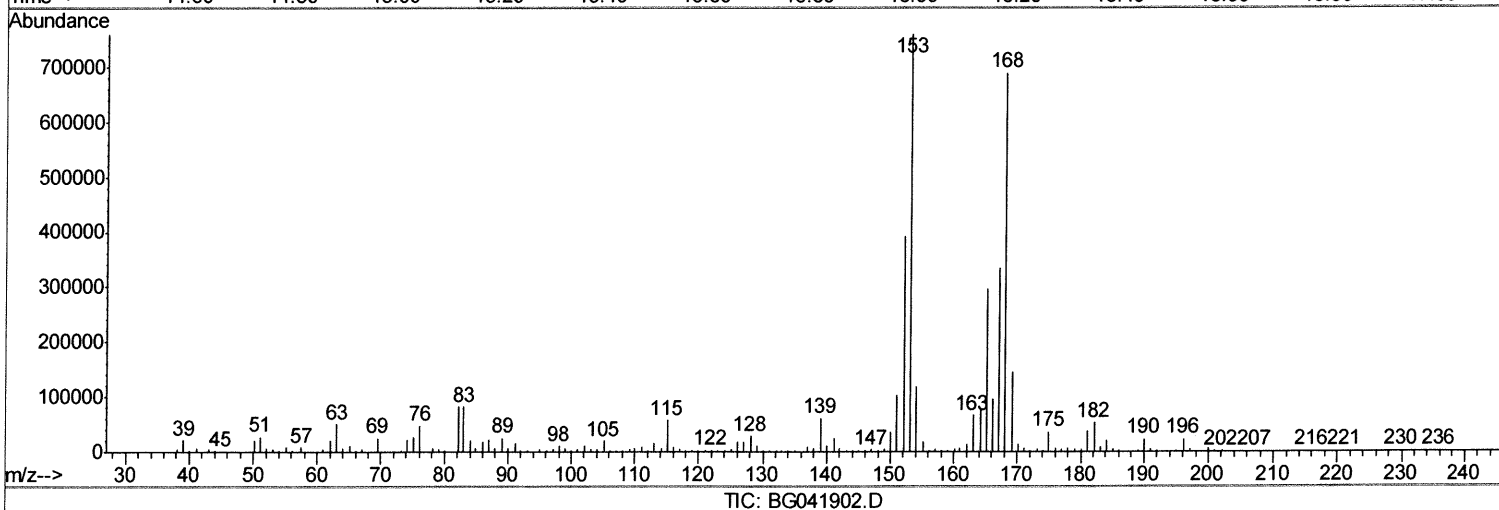
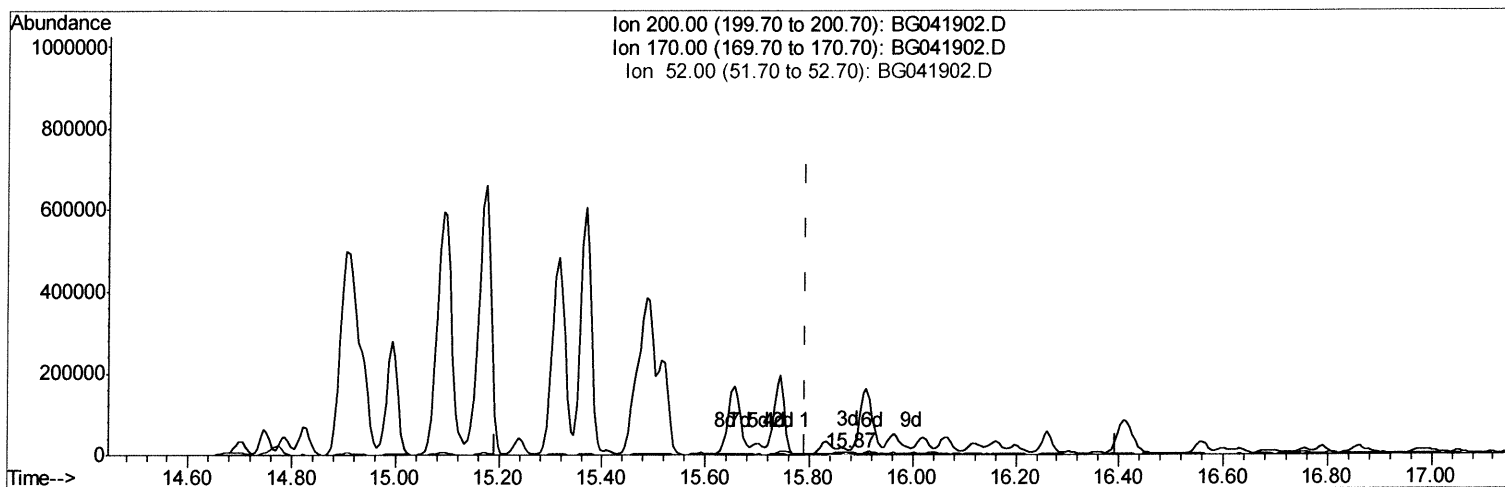
Data File : BG041902.D
Acq On : 3 Aug 2019 10:10
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENP1

Manual Integrations
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Quant Time: Aug 04 00:31:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 04 00:02:32 2019
Response via : Initial Calibration



(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.873min (+0.080) 2.46ng/ul m

JU 8/05/19

response 10058

Ion	Exp%	Act%
200.00	100	100
170.00	15.80	233.16#
52.00	31.40	117.58#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\
Quantitation Report (LSC Reviewed)

Data File : BG041902.D
Acq On : 3 Aug 2019 10:10
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENP1

Manual Integrations
APPROVED

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8/6/2019 12:17:42 PM

Quant Time: Aug 04 01:55:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 04 00:02:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	123441	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	505681	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.70	164	341296	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.46	188	636388	20.00	ng/ul	0.02
77) Chrysene-d12	21.81	240	638721m>	20.00	ng/ul	0.09
85) Perylene-d12	25.14	264	704161m>	20.00	ng/ul	0.15

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	931	0.33	ng/uL	0.00
5) Phenol-d5	7.18	99	25876	2.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.35	67	15774	2.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	25777	3.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	17734	2.18	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	14089m>	3.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	12494	2.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	22502	2.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.97	131	88733	8.96	ng/ul	-0.01
43) Dimethylphthalate-d6	14.09	166	84989	3.21	ng/ul	0.00
46) Acenaphthylene-d8	14.39	160	94744	3.13	ng/ul	0.00
51) 4-Nitrophenol-d4	14.91	143	22740m>	5.12	ng/ul	0.04
57) Fluorene-d10	15.69	176	83096	3.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.87	200	10058m>	2.46	ng/ul	0.08
70) Anthracene-d10	17.58	188	121736m>	3.99	ng/ul	0.04
78) Pyrene-d10	19.86	212	166209m>	4.66	ng/ul	0.03
89) Benzo(a)pyrene-d12	24.90	264	87186m>	2.37	ng/ul	0.15

Target Compounds

					Qvalue	
28) Naphthalene	10.91	128	3217248	124.448	ng/ul#	85
34) 2-Methylnaphthalene	12.53	142	2988489	145.441	ng/ul	94
40) 1,1'-Biphenyl	13.52	154	644470	25.969	ng/ul	96
44) Dimethylphthalate	14.14	163	28922	1.100	ng/ul#	90
49) Acenaphthene	14.77	153	3803407	178.236	ng/ul#	84
53) Dibenzofuran	15.10	168	898265	28.205	ng/ul#	86
58) Fluorene	15.76	166	3212858	125.248	ng/ul#	95
60) 4-Nitroaniline	15.76	138	56281	11.081	ng/ul#	28
69) Phenanthrene	17.55	178	10889719	312.570	ng/ul#	1
71) Anthracene	17.62	178	5062393	143.267	ng/ul#	4
74) Carbazole	17.86	167	912115	31.162	ng/ul#	85
76) Fluoranthene	19.57	202	8446054	209.819	ng/ul#	1
79) Pyrene	19.95	202	11525433m>	268.258	ng/ul	
82) Benzo(a)anthracene	21.78	228	10406419m>	234.984	ng/ul	
83) Bis(2-ethylhexyl)phthalate	21.65	149	1257071	54.480	ng/ul	93
84) Chrysene	21.87	228	8130782m>	196.711	ng/ul	
87) Benzo(b)fluoranthene	24.10	252	12613270m>	285.434	ng/ul	
88) Benzo(k)fluoranthene	24.18	252	3540609m>	83.332	ng/ul	
90) Benzo(a)pyrene	25.05	252	12573647m>	298.596	ng/ul	
91) Indeno(1,2,3-cd)pyrene	29.01	276	6947969m>	141.462	ng/ul	
92) Dibenzo(a,h)anthracene	29.02	278	2772733m>	69.209	ng/ul	
93) Benzo(g,h,i)perylene	30.20	276	7153840m>	174.457	ng/ul	

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\
Quantitation Report (LSC Reviewed)

Data File : BG041902.D
Acq On : 3 Aug 2019 10:10
Operator : HP/JU
Sample : K3850-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 04 01:55:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 04 00:02:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_G
ClientSampleId :
BENP1

Manual Integrations
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