

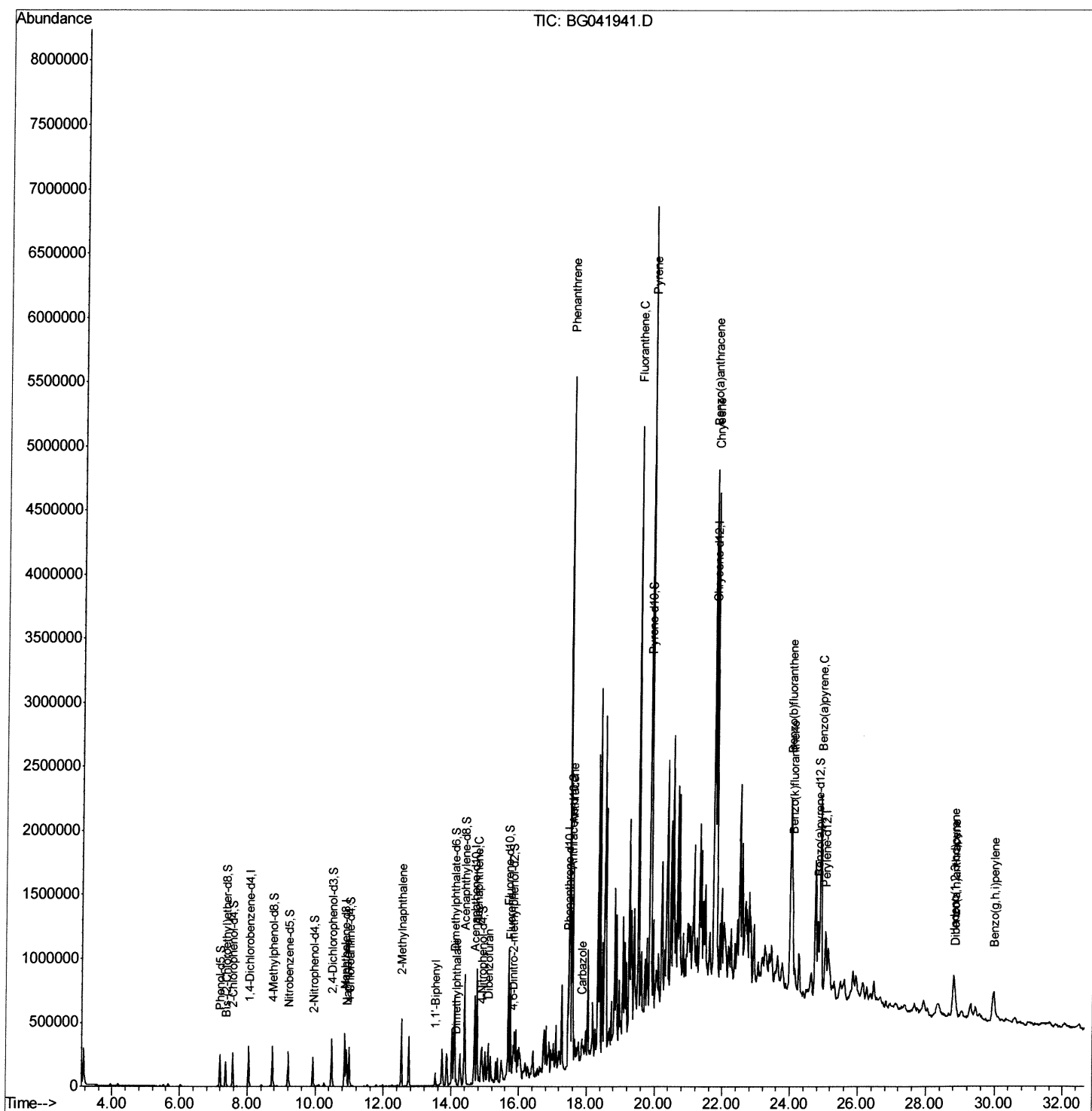
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080319\
Data File : BG041941.D
Acq On : 4 Aug 2019 13:46
Operator : HP/JU
Sample : K3850-09
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENQ3

Manual Integrations
APPROVED

mohammad
8/6/2019 12:18:34 PM

Quant Time: Aug 05 11:28:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 05 05:06:29 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

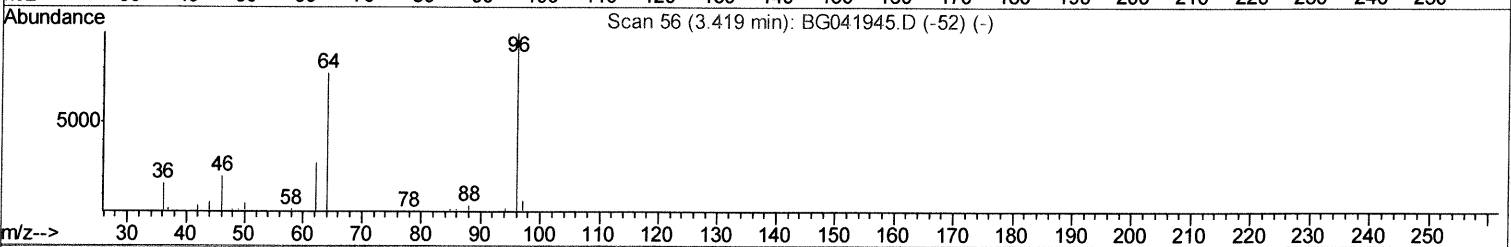
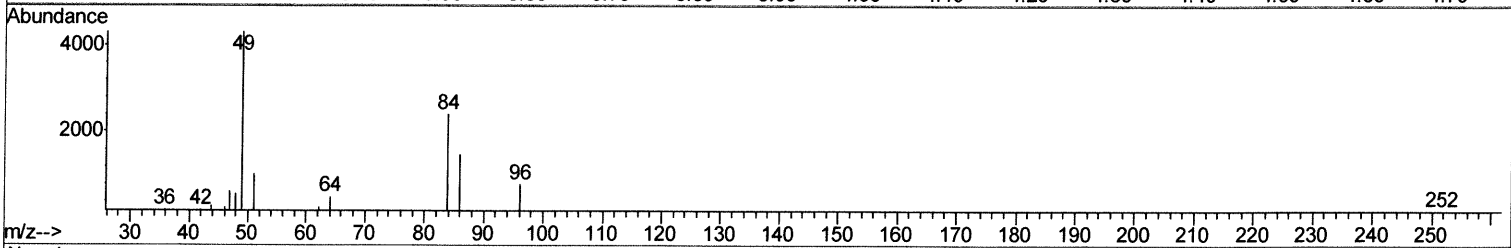
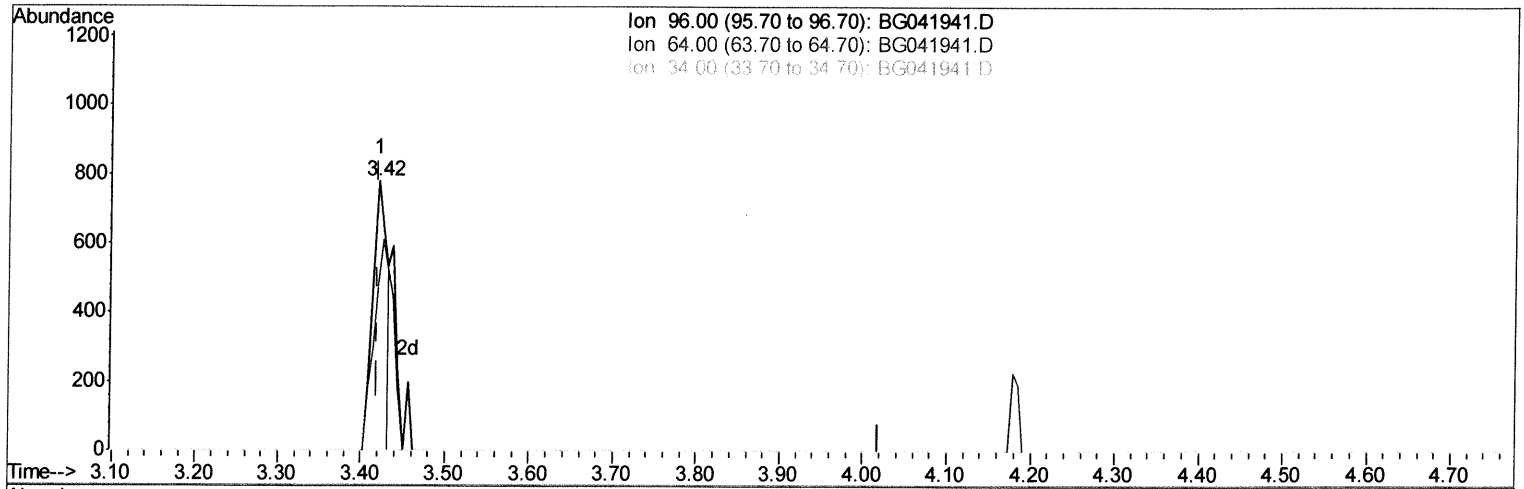
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080319\
 Data File : BG041941.D
 Acq On : 4 Aug 2019 13:46
 Operator : HP/JU
 Sample : K3850-09
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
ClientSampleId :
 BENQ3

Manual Integrations
APPROVED

mohammad
 8/6/2019 12:18:34 PM

Quant Time: Aug 05 11:16:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 05 05:06:29 2019
 Response via : Initial Calibration



TIC: BG041941.D

(3) 1,4-Dioxane-d8 (S)

3.420min (+0.002) 0.42ng/uL

response 942

Ion	Exp%	Act%
96.00	100	100
64.00	68.30	61.97
34.00	0.00	0.00
0.00	0.00	0.00

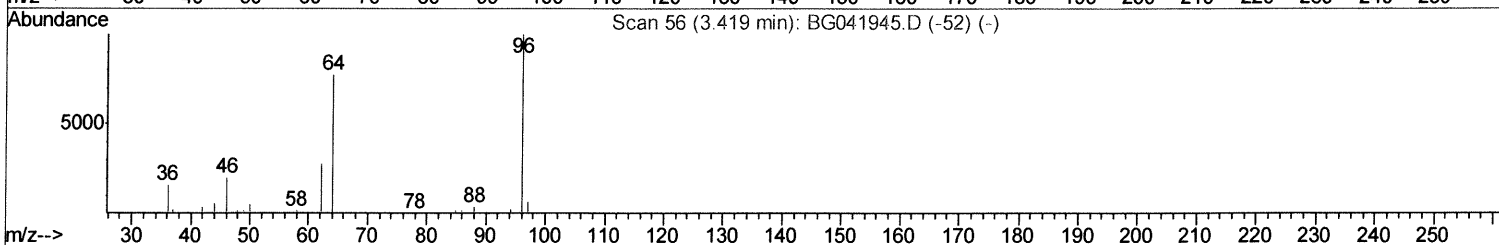
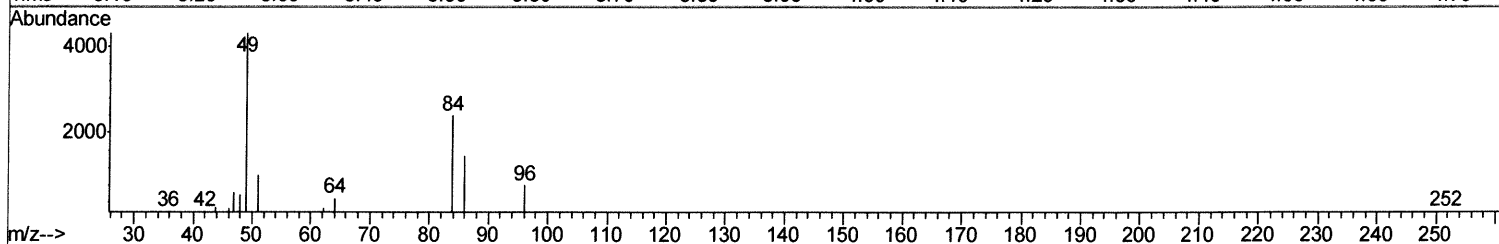
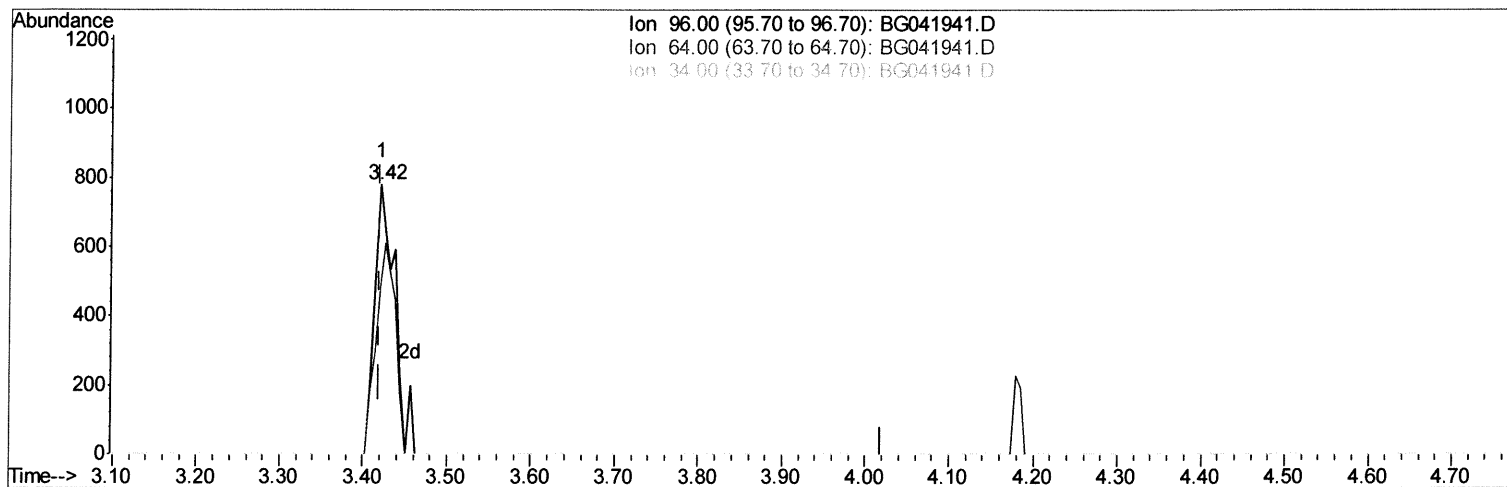
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080319\
Data File : BG041941.D
Acq On : 4 Aug 2019 13:46
Operator : HP/JU
Sample : K3850-09
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENQ3

Manual Integrations
APPROVED

mohammad
8/6/2019 12:18:34 PM

Quant Time: Aug 05 11:16:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 05 05:06:29 2019
Response via : Initial Calibration



TIC: BG041941.D

(3) 1,4-Dioxane-d8 (S)

3.420min (+0.002) 0.55ng/uL m *JU* 08/05/19

response 1234

Ion	Exp%	Act%
96.00	100	100
64.00	68.30	61.97
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

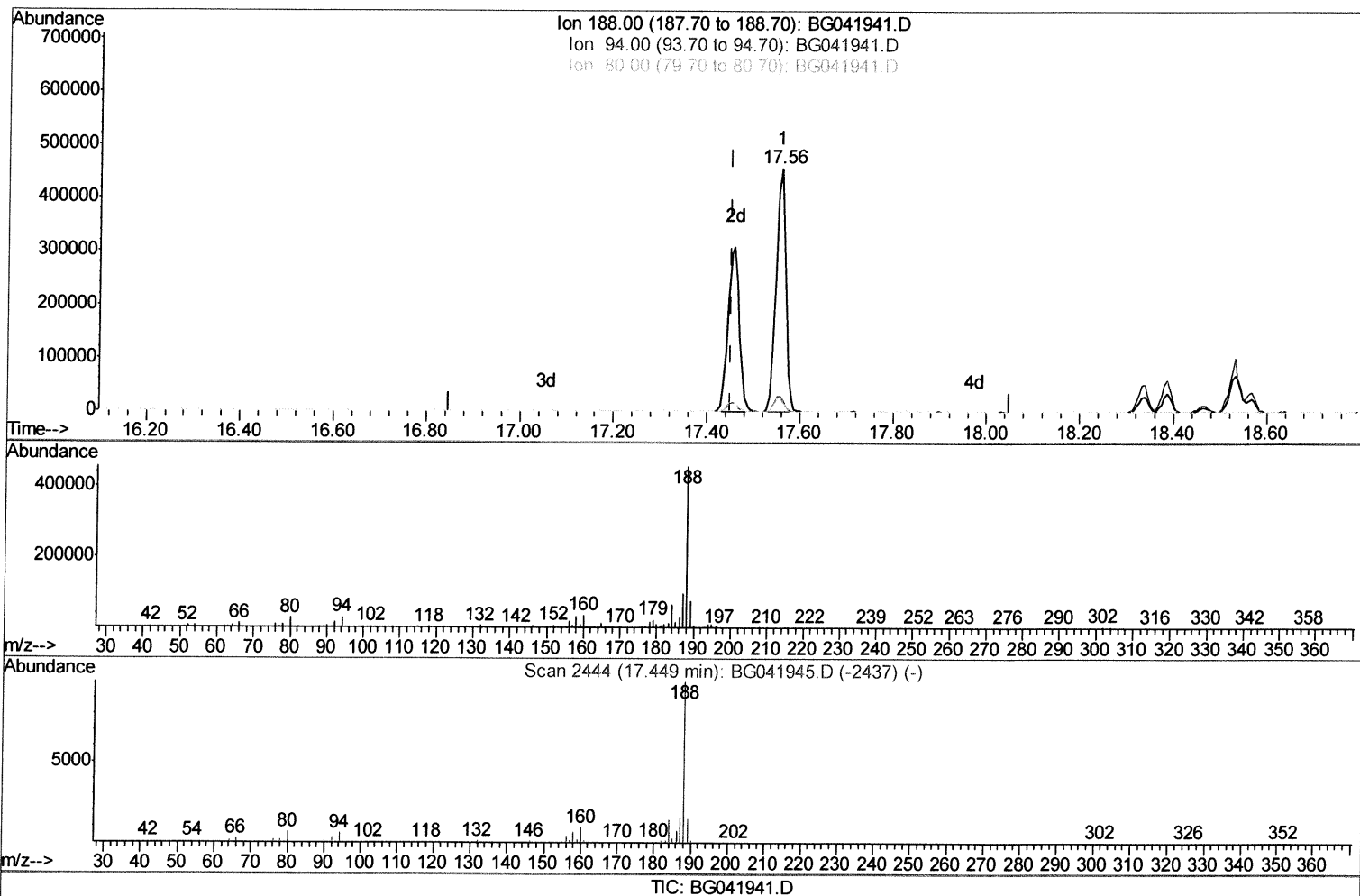
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080319\
Data File : BG041941.D
Acq On : 4 Aug 2019 13:46
Operator : HP/JU
Sample : K3850-09
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENQ3

Manual Integrations
APPROVED

mohammad
8/6/2019 12:18:34 PM

Quant Time: Aug 05 11:16:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 05 05:06:29 2019
Response via : Initial Calibration



(61) Phenanthrene-d10 (I)

17.557min (+0.107) 20.00ng/ul

response 662117

Ion	Exp%	Act%
188.00	100	100
94.00	7.00	6.42
80.00	7.40	6.06
0.00	0.00	0.00

Quantitation Report (Qedit)

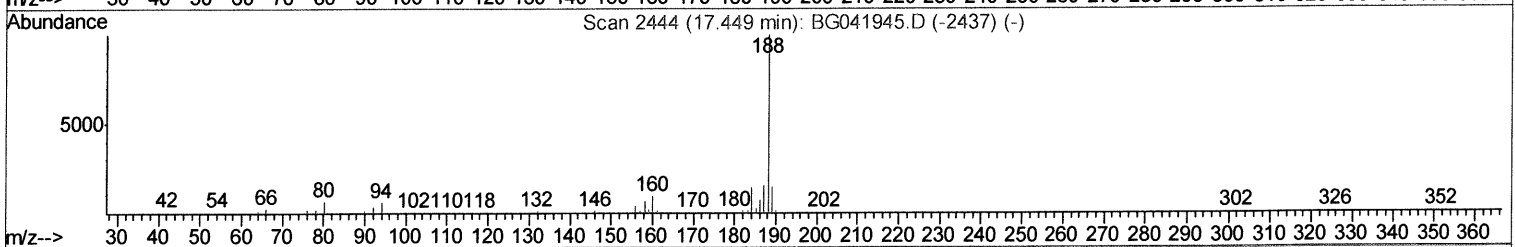
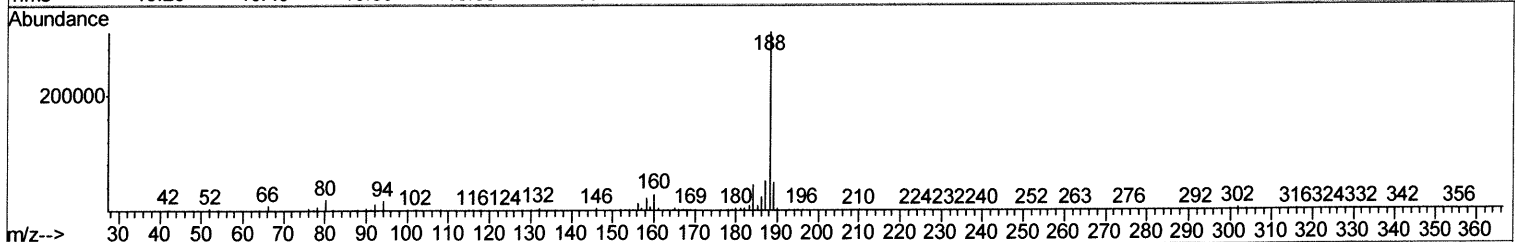
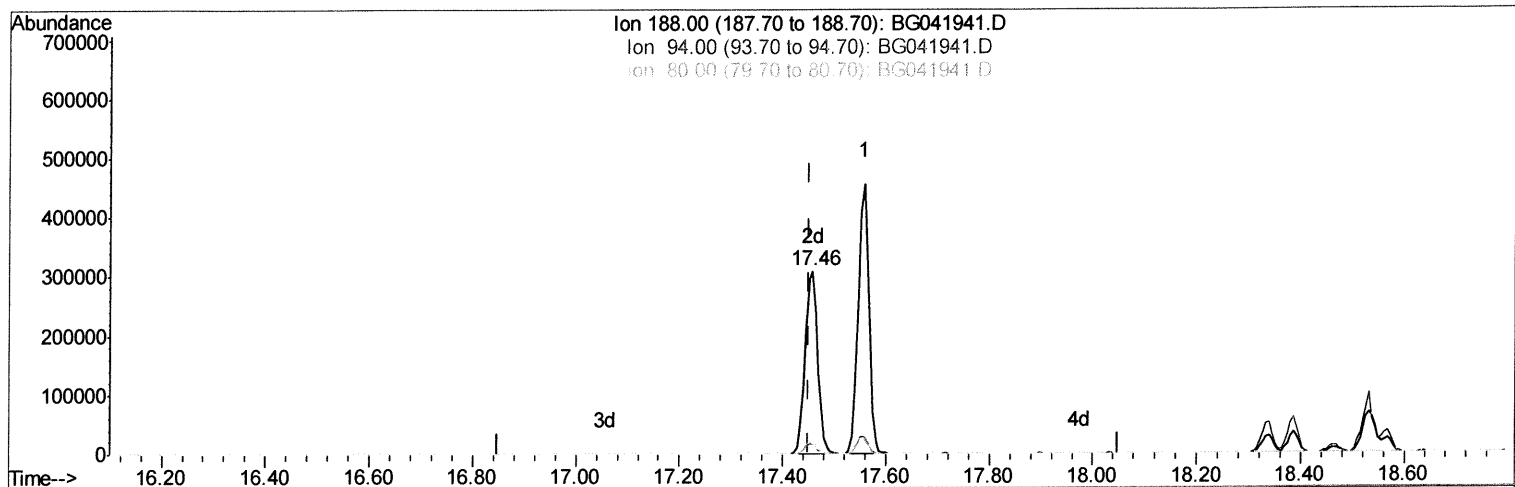
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080319\
Data File : BG041941.D
Acq On : 4 Aug 2019 13:46
Operator : HP/JU
Sample : K3850-09
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
BENQ3

Manual Integrations
APPROVED

mohammad
8/6/2019 12:18:34 PM

Quant Time: Aug 05 11:16:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 05 05:06:29 2019
Response via : Initial Calibration



TIC: BG041941.D

(61) Phenanthrene-d10 (I)

17.457min (+0.008) 20.00ng/ul m *JU* 08/05/19

response 520178

Ion	Exp%	Act%
188.00	100	100
94.00	7.00	5.29#
80.00	7.40	6.05
0.00	0.00	0.00

Quantitation Report (Qedit)

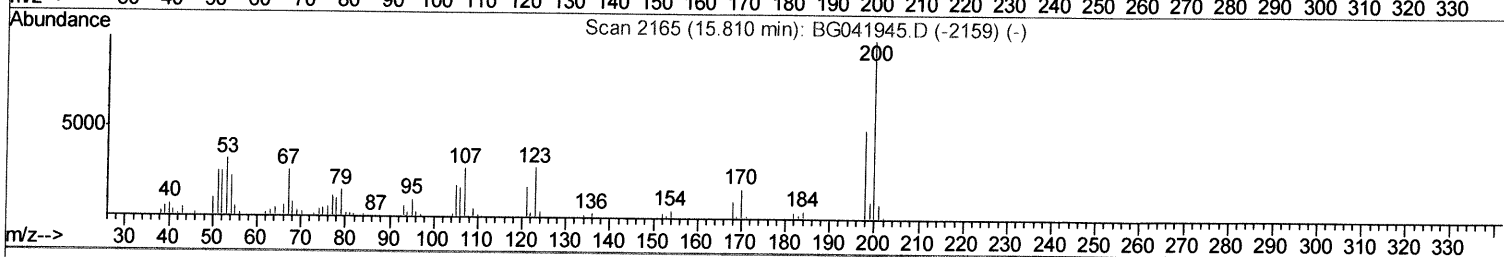
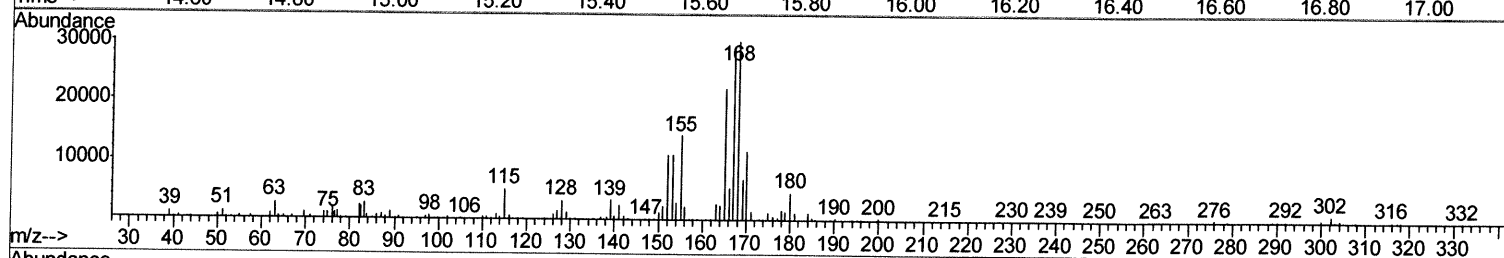
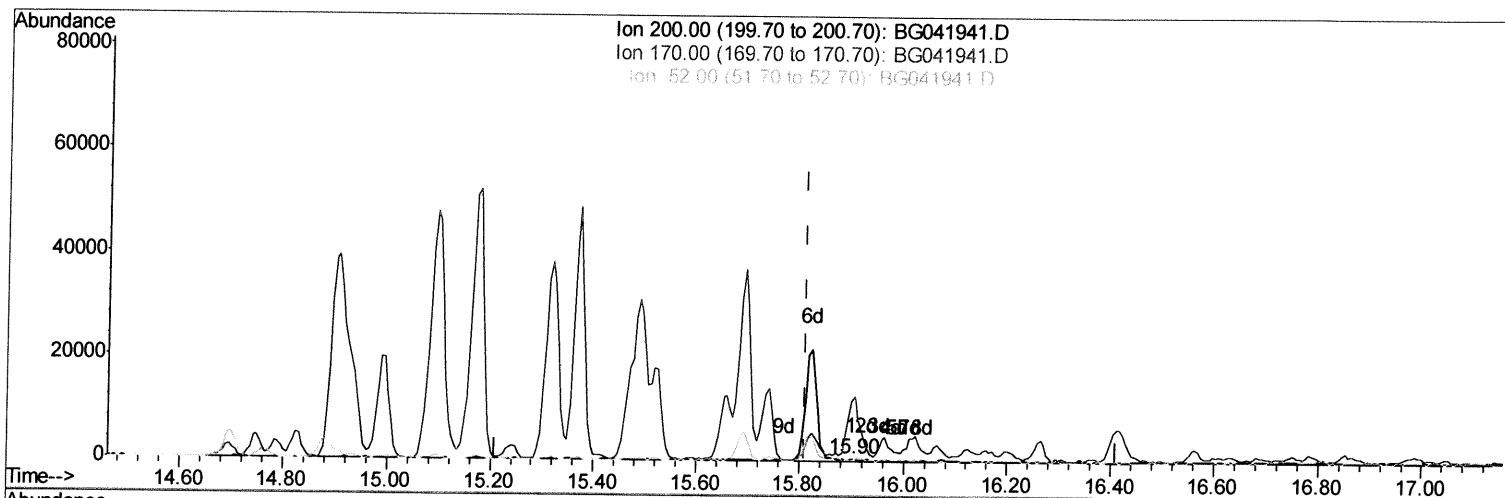
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080319\
Data File : BG041941.D
Acq On : 4 Aug 2019 13:46
Operator : HP/JU
Sample : K3850-09
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENQ3

Manual Integrations
APPROVED

mohammad
8/6/2019 12:18:34 PM

Quant Time: Aug 05 11:21:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 05 05:06:29 2019
Response via : Initial Calibration



TIC: BG041941.D

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

15.900min (+0.090) 0.17ng/ul

response 562

Ion	Exp%	Act%
200.00	100	100
170.00	15.80	2167.60#
52.00	31.40	56.24#
0.00	0.00	0.00

Quantitation Report (Qedit)

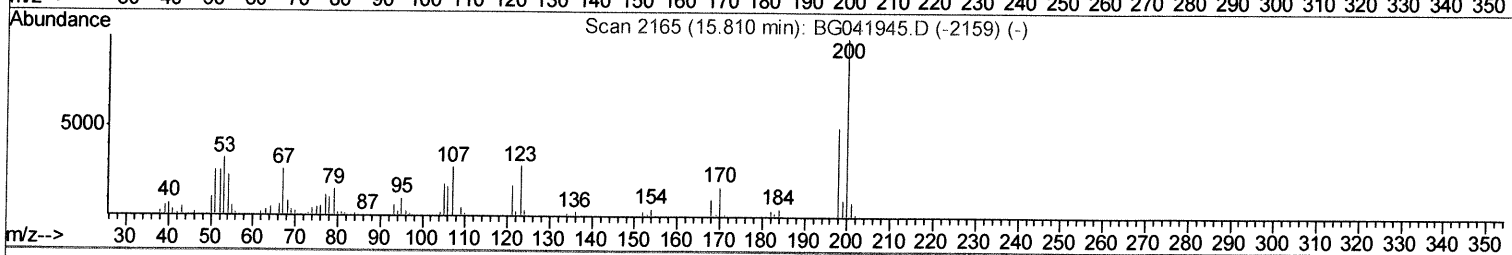
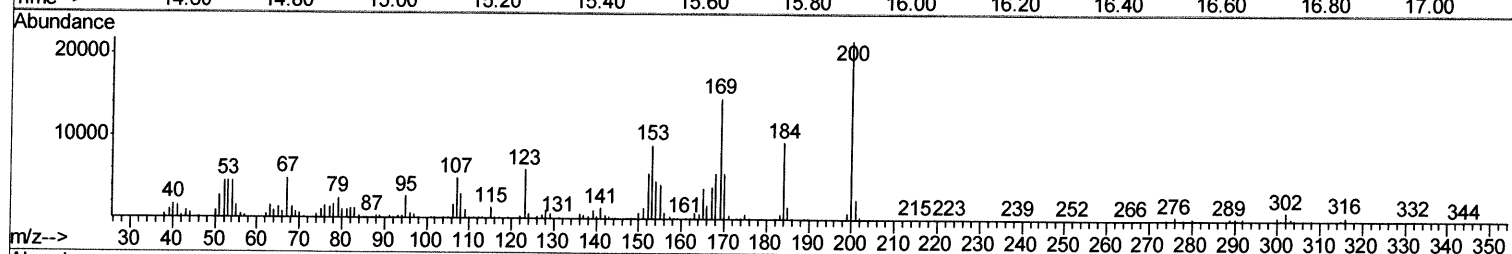
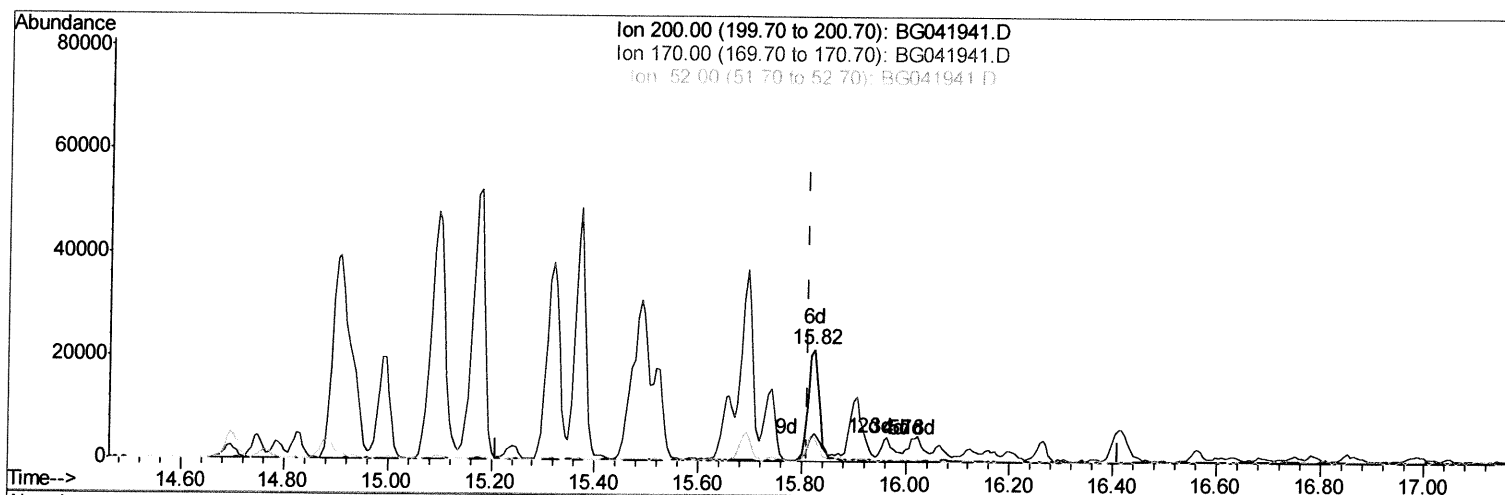
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080319\
Data File : BG041941.D
Acq On : 4 Aug 2019 13:46
Operator : HP/JU
Sample : K3850-09
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENQ3

Manual Integrations
APPROVED

mohammad
8/6/2019 12:18:34 PM

Quant Time: Aug 05 11:21:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 05 05:06:29 2019
Response via : Initial Calibration



TIC: BG041941.D

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

15.823min (+0.013) 10.01ng/ul m *JU* 08/05/19

response 33392

Ion	Exp%	Act%
200.00	100	100
170.00	15.80	25.56#
52.00	31.40	21.19#
0.00	0.00	0.00

Quantitation Report (Qedit)

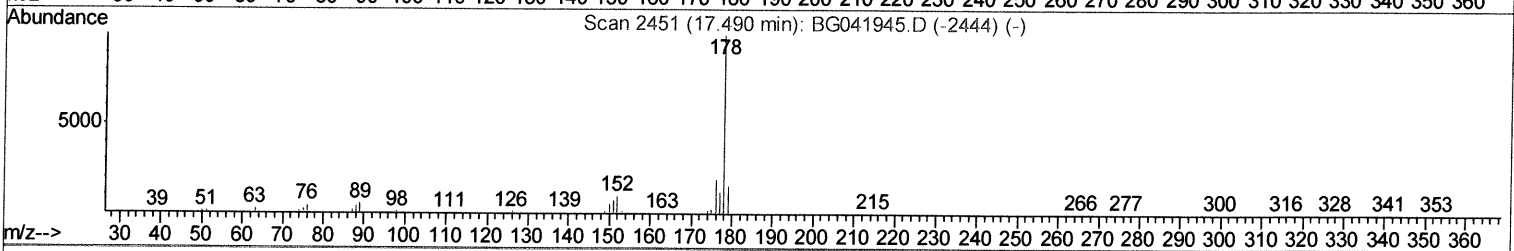
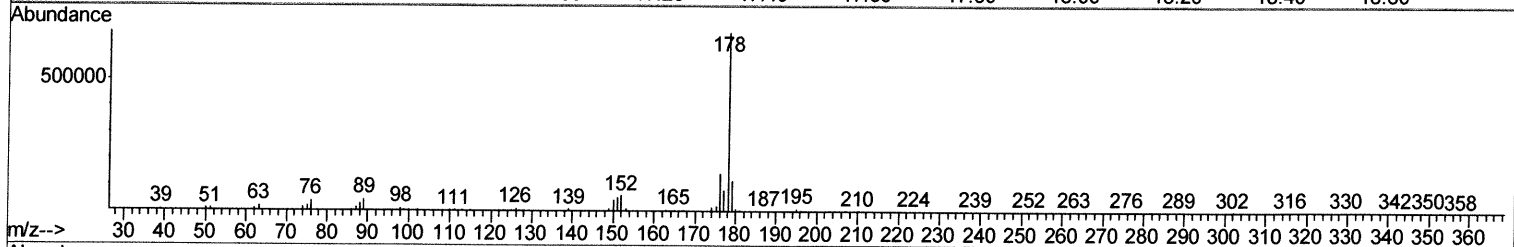
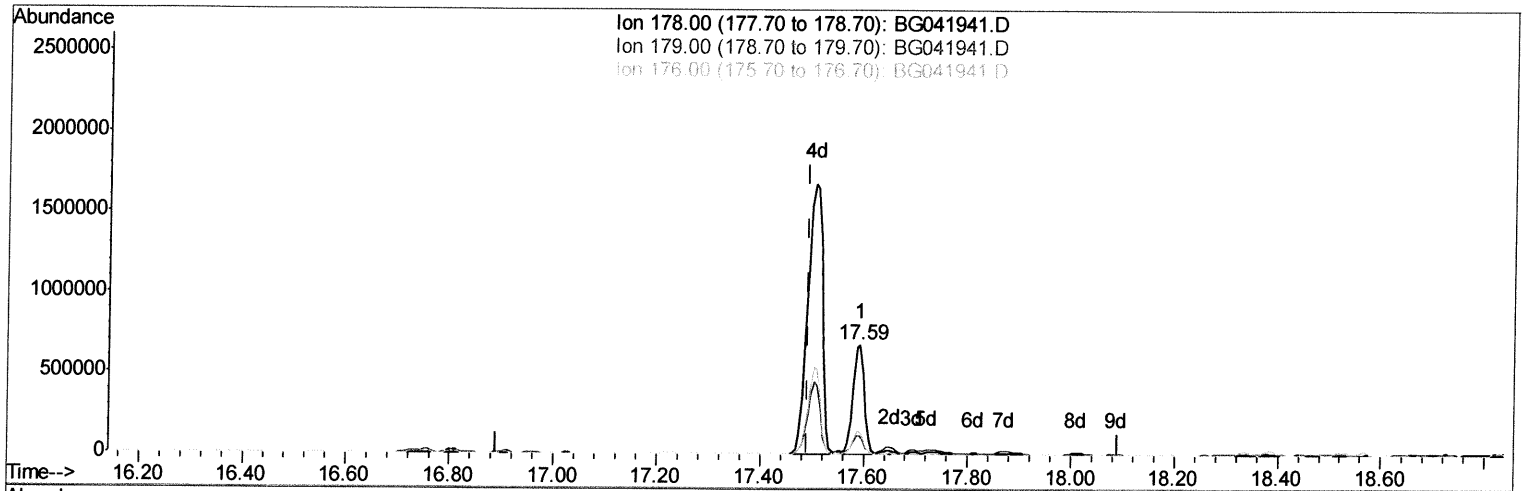
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080319\
 Data File : BG041941.D
 Acq On : 4 Aug 2019 13:46
 Operator : HP/JU
 Sample : K3850-09
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
ClientSampleId :
 BENQ3

Manual Integrations
APPROVED

mohammad
 8/6/2019 12:18:34 PM

Quant Time: Aug 05 11:21:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 05 05:06:29 2019
 Response via : Initial Calibration



TIC: BG041941.D

(69) Phenanthrene

17.592min (+0.102) 35.97ng/ul

response 1024384

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	17.29
176.00	19.30	20.96
0.00	0.00	0.00

Quantitation Report (Qedit)

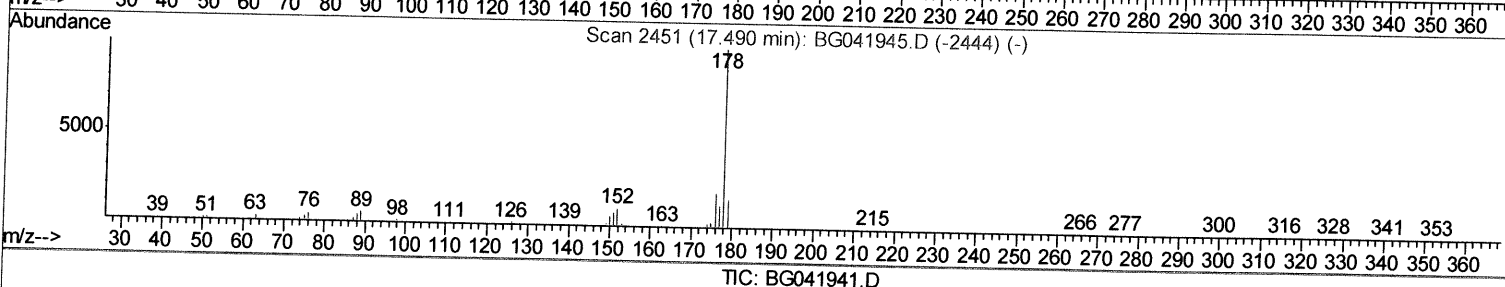
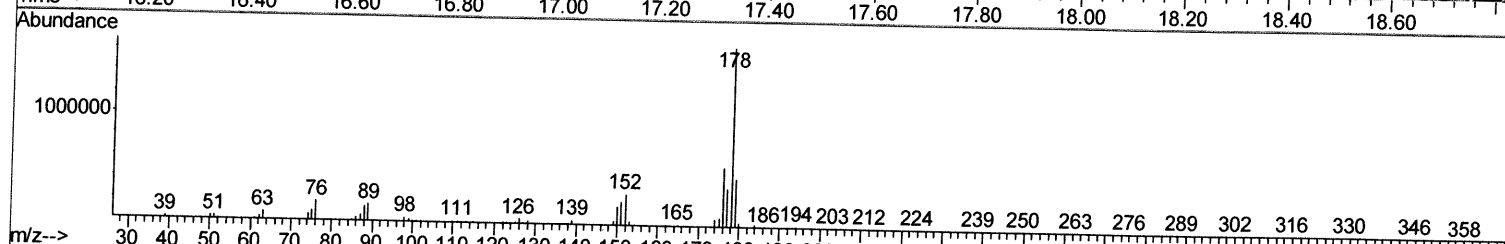
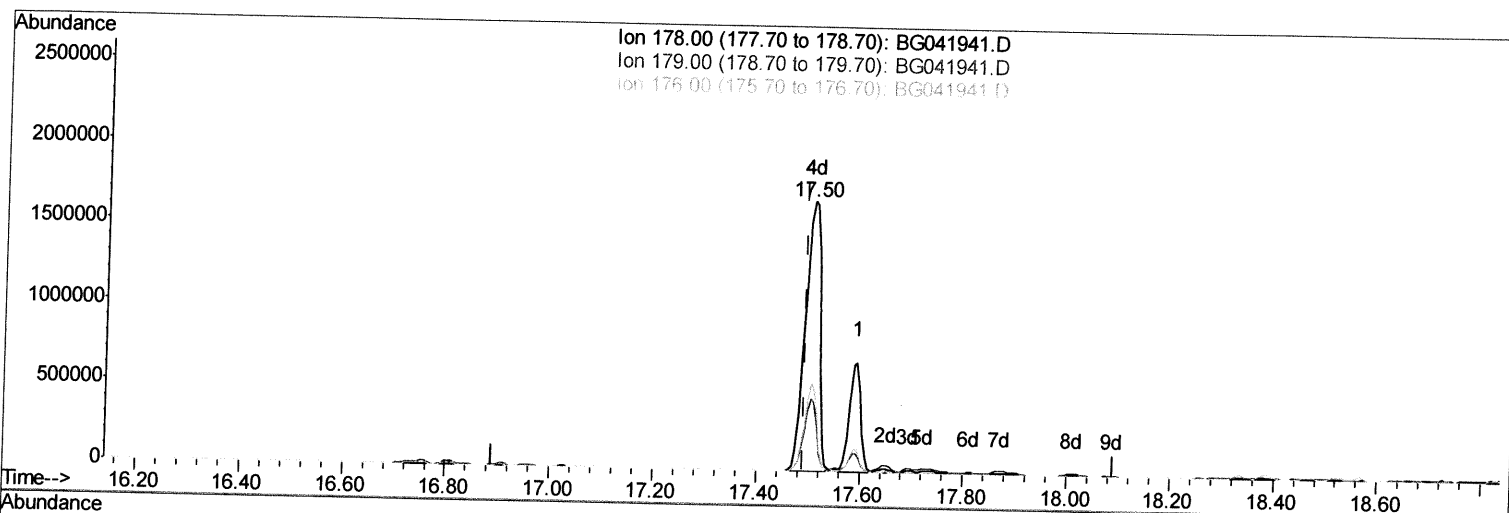
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080319\
 Data File : BG041941.D
 Acq On : 4 Aug 2019 13:46
 Operator : HP/JU
 Sample : K3850-09
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BENQ3

Manual Integrations
 APPROVED

mohammad
 8/6/2019 12:18:34 PM

Quant Time: Aug 05 11:21:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 05 05:06:29 2019
 Response via : Initial Calibration



TIC: BG041941.D

(69) Phenanthrene

17.504min (+0.013) 117.40ng/ul m *JU 08/05/19*

response 3343277

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	26.75#
176.00	19.30	32.60#
0.00	0.00	0.00

Quantitation Report (Qedit)

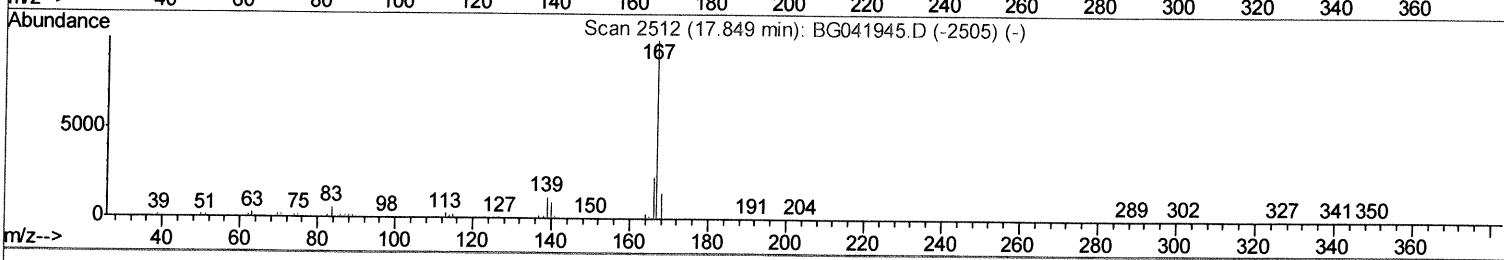
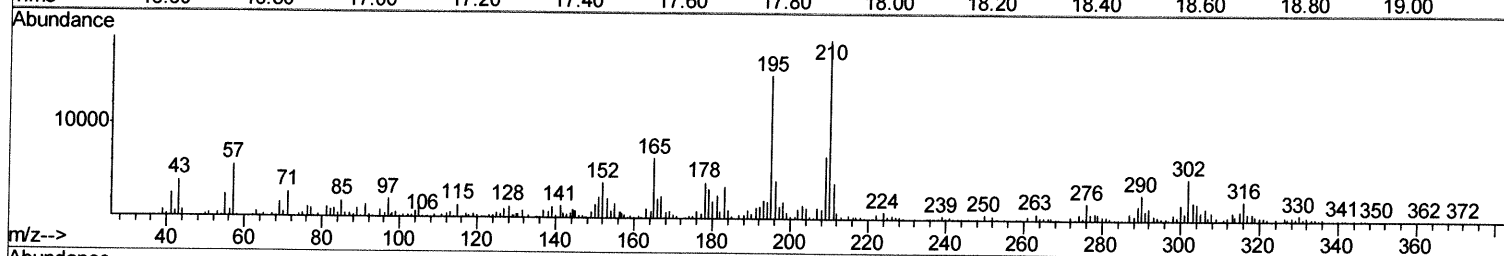
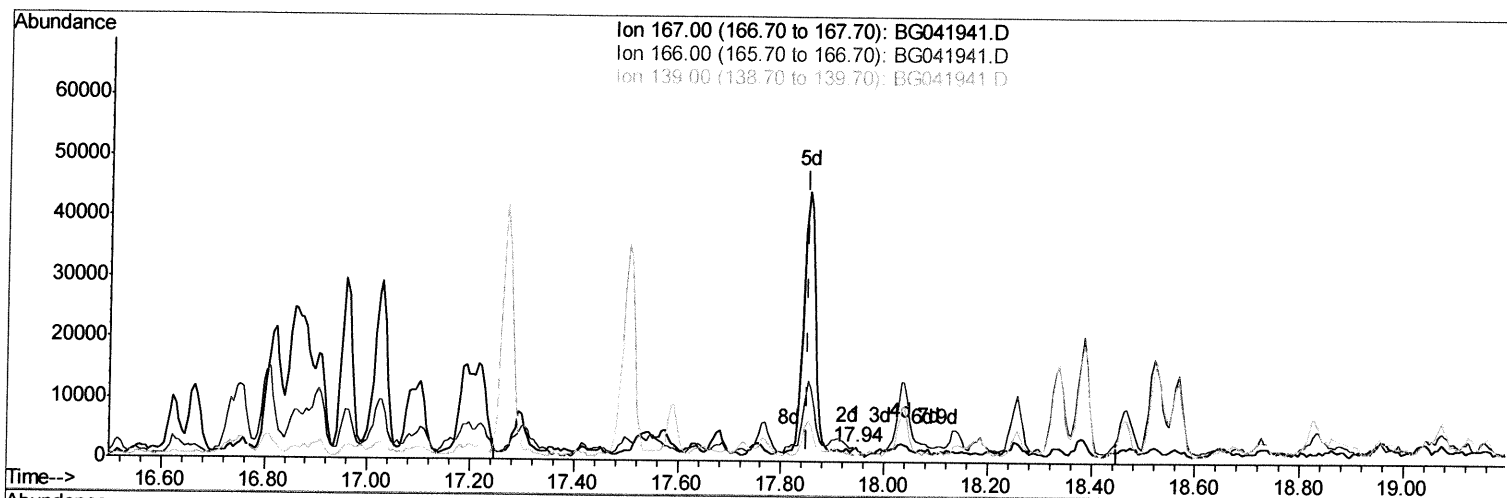
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080319\
Data File : BG041941.D
Acq On : 4 Aug 2019 13:46
Operator : HP/JU
Sample : K3850-09
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENQ3

Manual Integrations
APPROVED

mohammad
8/6/2019 12:18:34 PM

Quant Time: Aug 05 11:21:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 05 05:06:29 2019
Response via : Initial Calibration



TIC: BG041941.D

(74) Carbazole

17.944min (+0.096) 0.04ng/ul

response 1059

Ion	Exp%	Act%
167.00	100	100
166.00	22.80	89.32#
139.00	12.00	52.35#
0.00	0.00	0.00

Quantitation Report (Qedit)

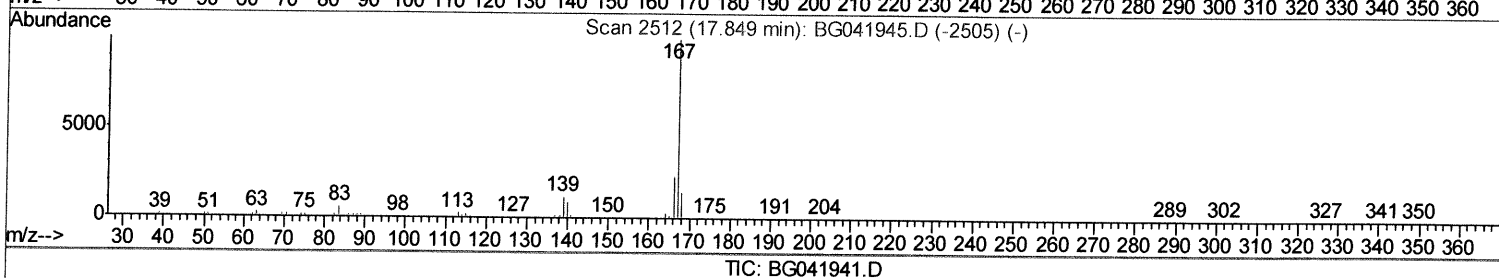
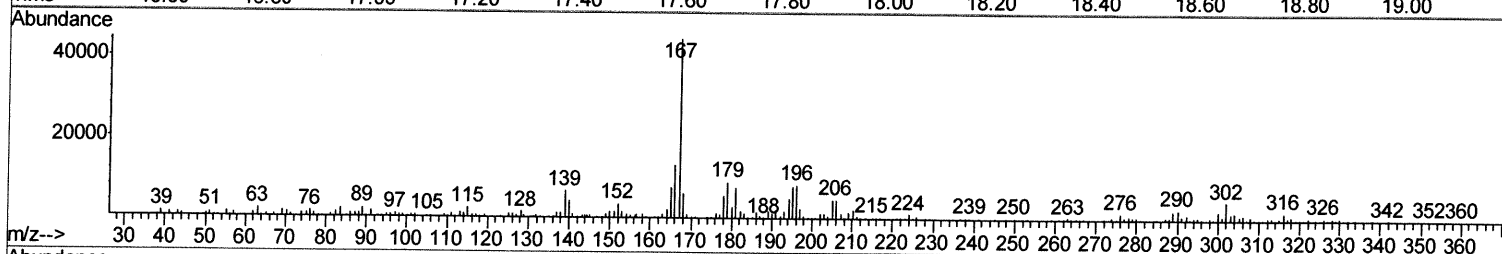
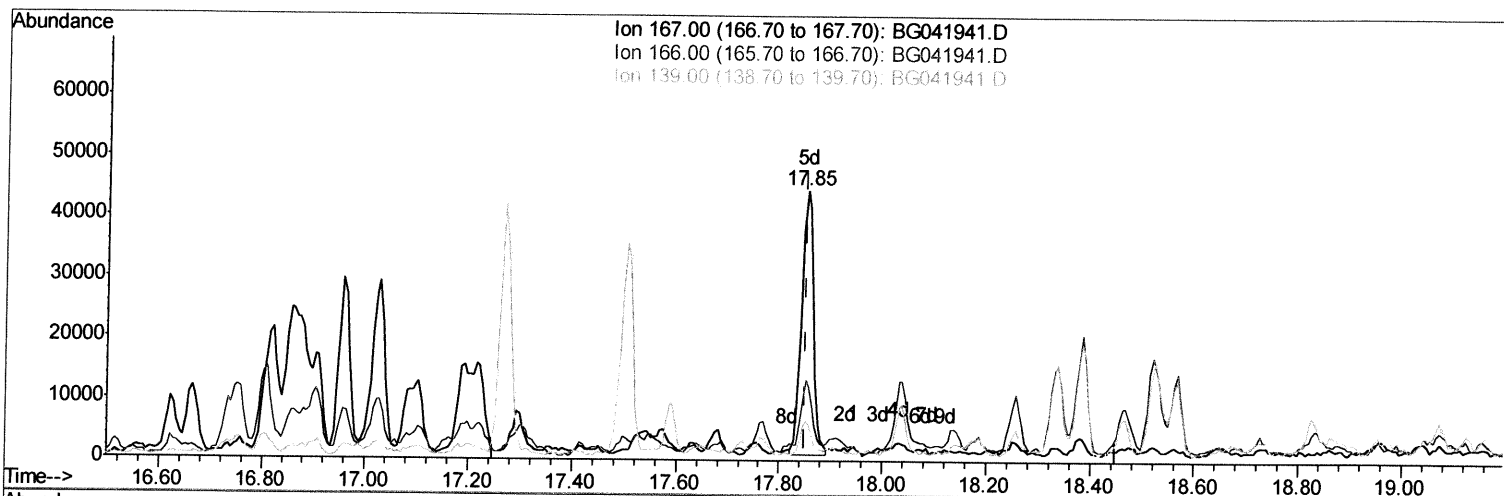
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080319\
 Data File : BG041941.D
 Acq On : 4 Aug 2019 13:46
 Operator : HP/JU
 Sample : K3850-09
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BENQ3

Manual Integrations
 APPROVED

mohammad
 8/6/2019 12:18:34 PM

Quant Time: Aug 05 11:21:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 05 05:06:29 2019
 Response via : Initial Calibration



(74) Carbazole

17.850min (+0.002) 2.91ng/ul m *JU* 08/05/19

response 69654

Ion	Exp%	Act%
167.00	100	100
166.00	22.80	29.84#
139.00	12.00	15.08#
0.00	0.00	0.00

Quantitation Report (Qedit)

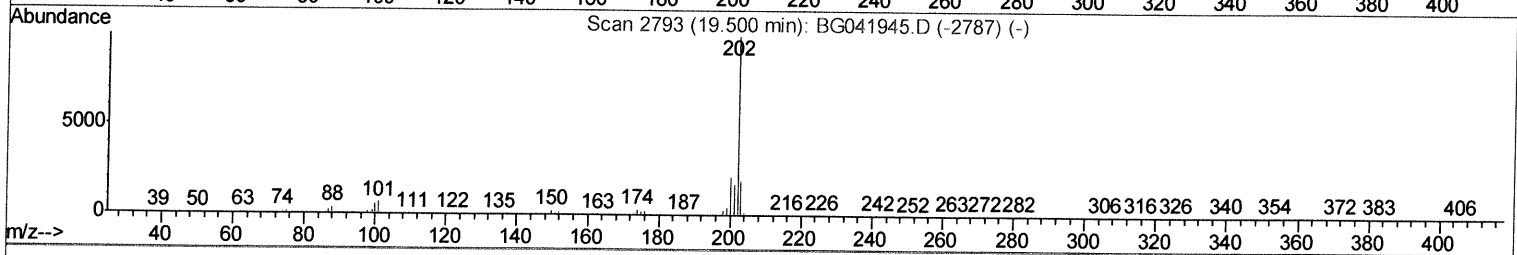
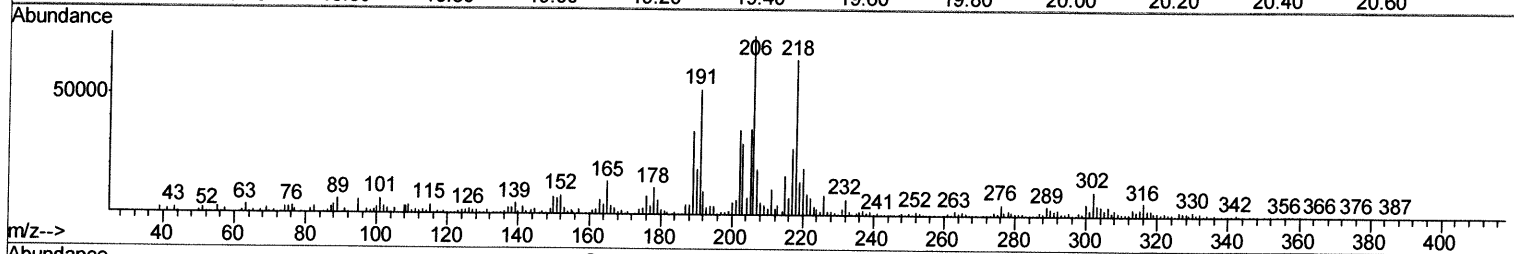
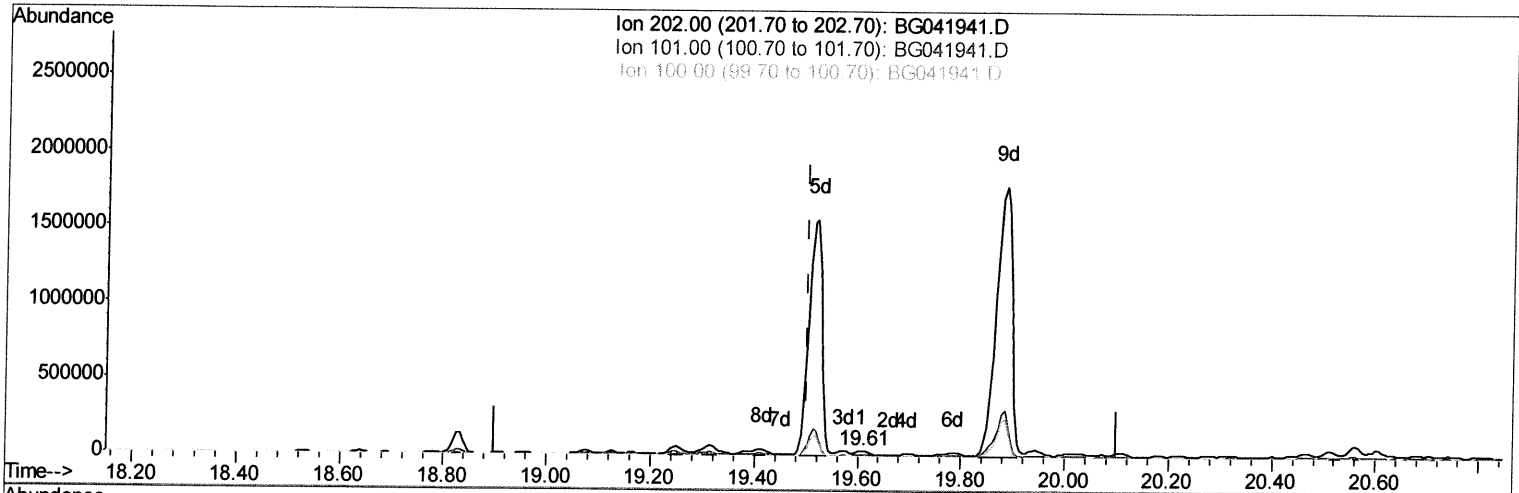
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080319\
Data File : BG041941.D
Acq On : 4 Aug 2019 13:46
Operator : HP/JU
Sample : K3850-09
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENQ3

Manual Integrations
APPROVED

mohammad
8/6/2019 12:18:34 PM

Quant Time: Aug 05 11:21:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 05 05:06:29 2019
Response via : Initial Calibration



TIC: BG041941.D

(76) Fluoranthene (C)

19.607min (+0.107) 1.44ng/ul

response 47286

Ion	Exp%	Act%
202.00	100	100
101.00	8.40	18.43#
100.00	6.60	7.44
0.00	0.00	0.00

Quantitation Report (Qedit)

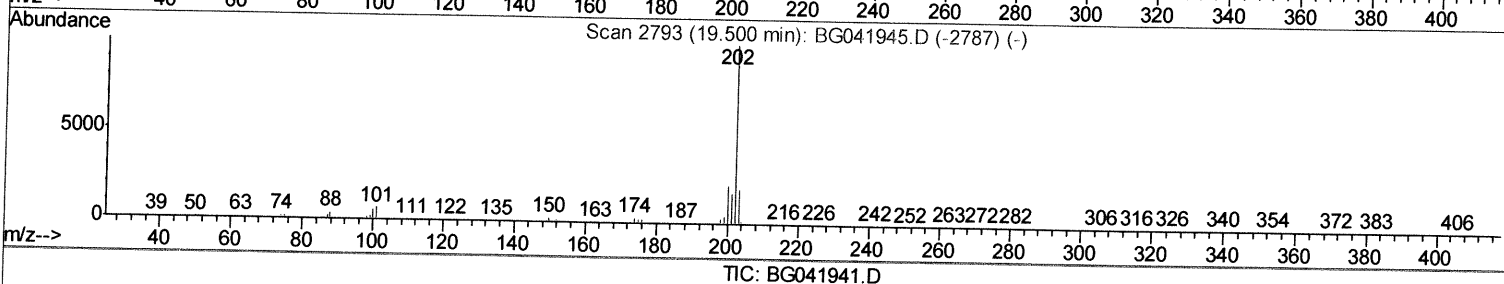
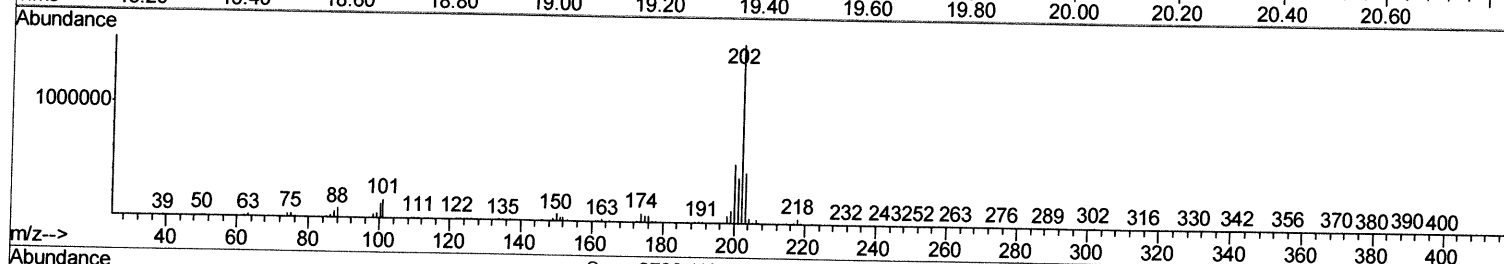
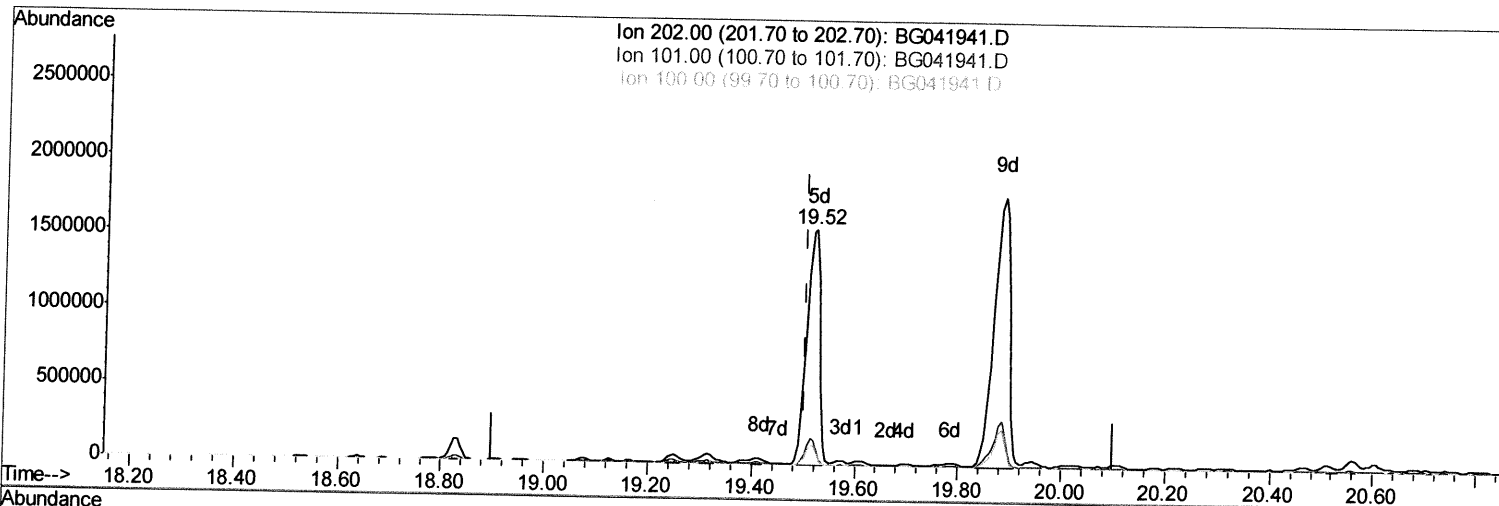
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080319\
 Data File : BG041941.D
 Acq On : 4 Aug 2019 13:46
 Operator : HP/JU
 Sample : K3850-09
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BENQ3

Manual Integrations
 APPROVED

mohammad
 8/6/2019 12:18:34 PM

Quant Time: Aug 05 11:21:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 05 05:06:29 2019
 Response via : Initial Calibration



TIC: BG041941.D

(76) Fluoranthene (C)

19.519min (+0.019) 82.99ng/ul m *JU 08/05/19*

response 2730779

Ion	Exp%	Act%
202.00	100	100
101.00	8.40	10.39#
100.00	6.60	8.17#
0.00	0.00	0.00

Quantitation Report (Qedit)

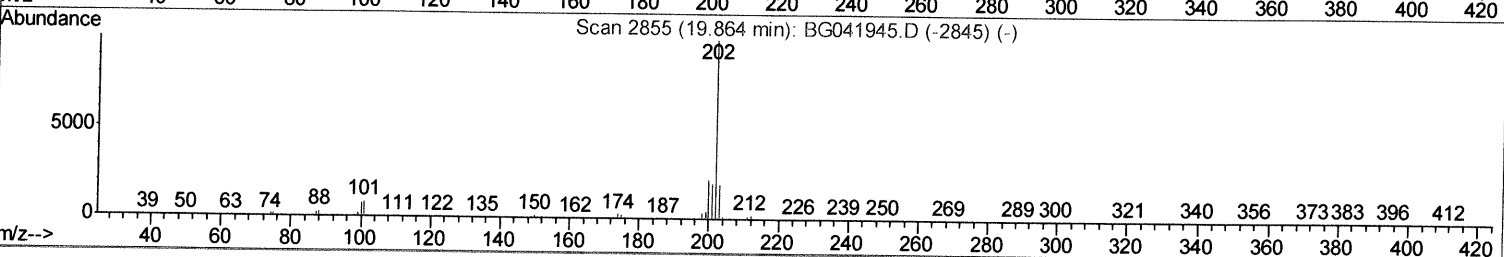
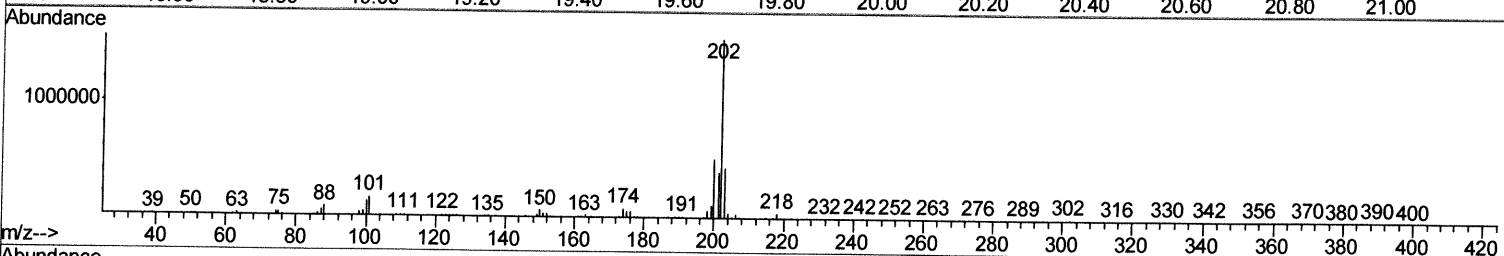
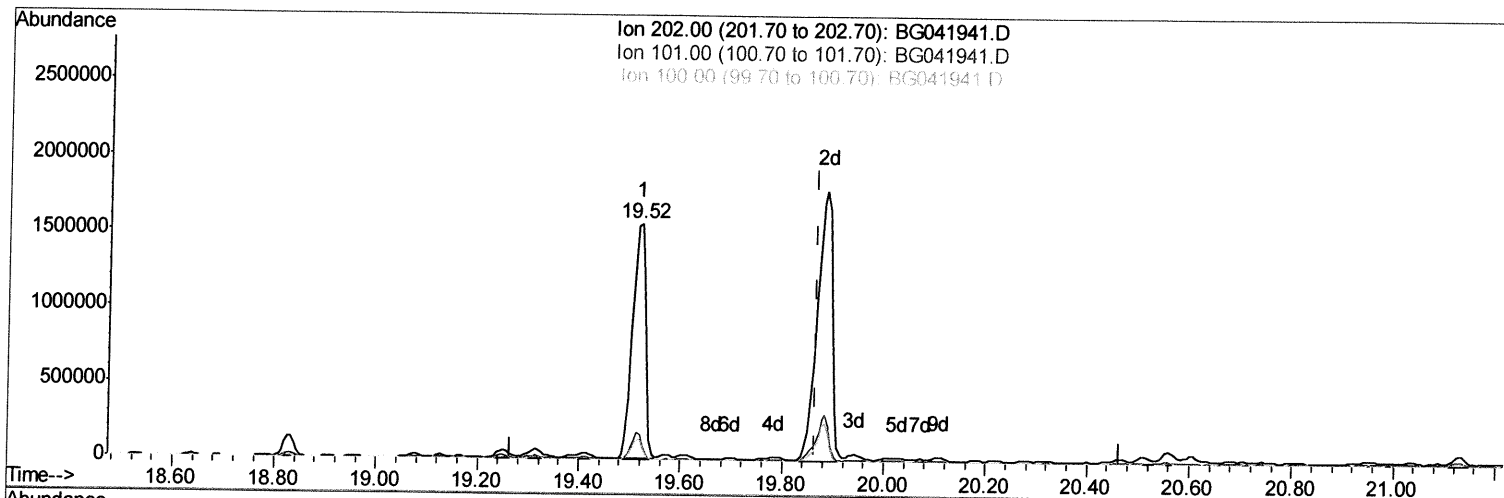
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080319\
 Data File : BG041941.D
 Acq On : 4 Aug 2019 13:46
 Operator : HP/JU
 Sample : K3850-09
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BENQ3

Manual Integrations
 APPROVED

mohammad
 8/6/2019 12:18:34 PM

Quant Time: Aug 05 11:21:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 05 05:06:29 2019
 Response via : Initial Calibration



TIC: BG041941.D

(79) Pyrene

19.519min (-0.345) 75.71ng/ul

response 2708648

Ion	Exp%	Act%
202.00	100	100
101.00	9.50	10.39
100.00	8.10	8.17
0.00	0.00	0.00

Quantitation Report (Qedit)

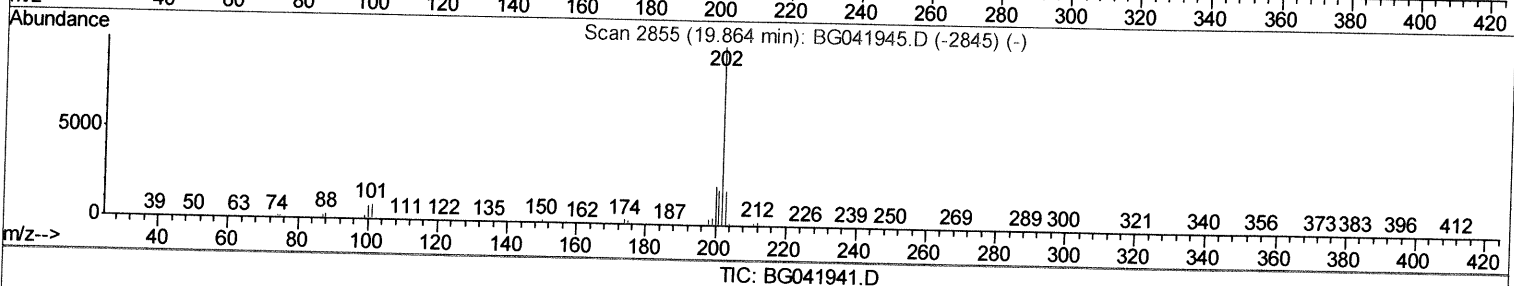
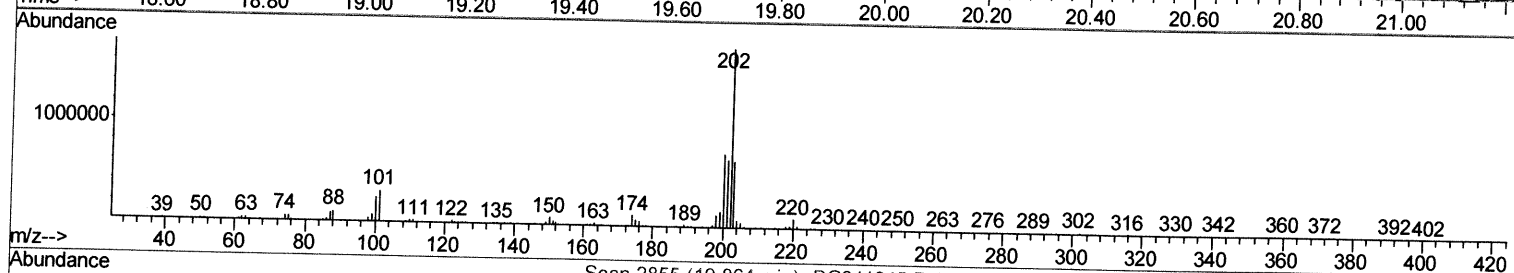
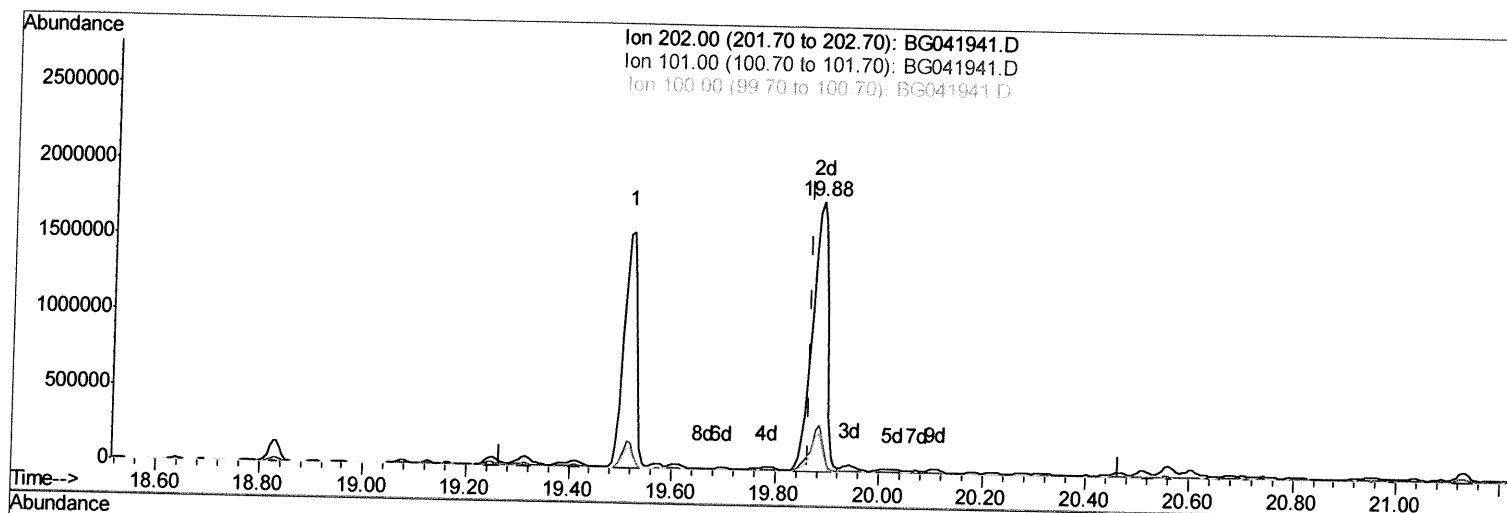
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080319\
 Data File : BG041941.D
 Acq On : 4 Aug 2019 13:46
 Operator : HP/JU
 Sample : K3850-09
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BENQ3

Manual Integrations
 APPROVED

mohammad
 8/6/2019 12:18:34 PM

Quant Time: Aug 05 11:21:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 05 05:06:29 2019
 Response via : Initial Calibration



TIC: BG041941.D

(79) Pyrene

19.883min (+0.019) 104.55ng/ul m *JU 08/05/19*

response 3740541

Ion	Exp%	Act%
202.00	100	100
101.00	9.50	17.32#
100.00	8.10	13.90#
0.00	0.00	0.00

Quantitation Report (Qedit)

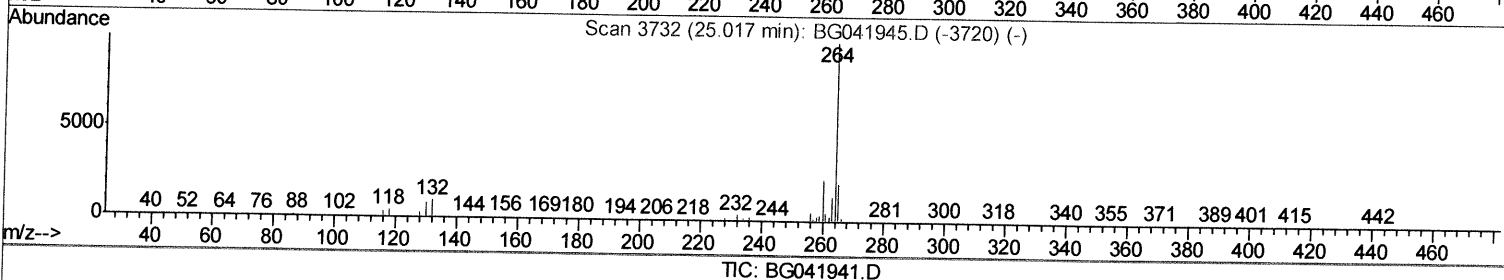
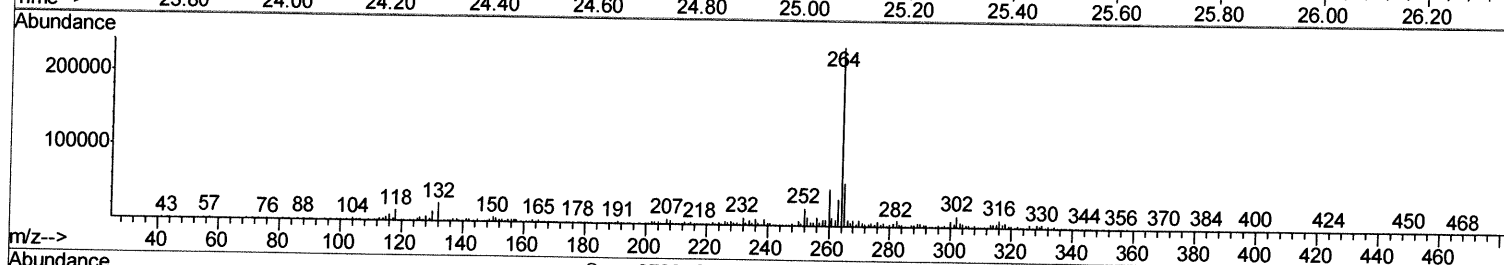
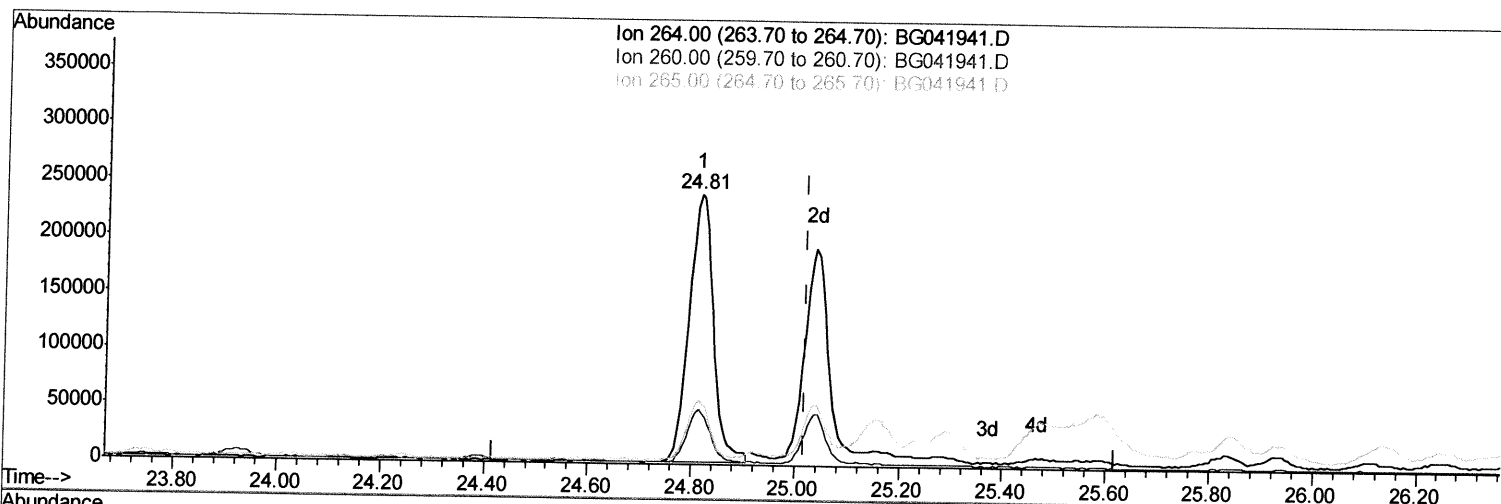
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080319\
 Data File : BG041941.D
 Acq On : 4 Aug 2019 13:46
 Operator : HP/JU
 Sample : K3850-09
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BENQ3

Manual Integrations
 APPROVED

mohammad
 8/6/2019 12:18:34 PM

Quant Time: Aug 05 11:21:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 05 05:06:29 2019
 Response via : Initial Calibration



TIC: BG041941.D

(85) Perylene-d12 (I)

24.813min (-0.204) 20.00ng/ul

response 769646

Ion	Exp%	Act%
264.00	100	100
260.00	23.20	20.33
265.00	22.50	24.16
0.00	0.00	0.00

Quantitation Report (Qedit)

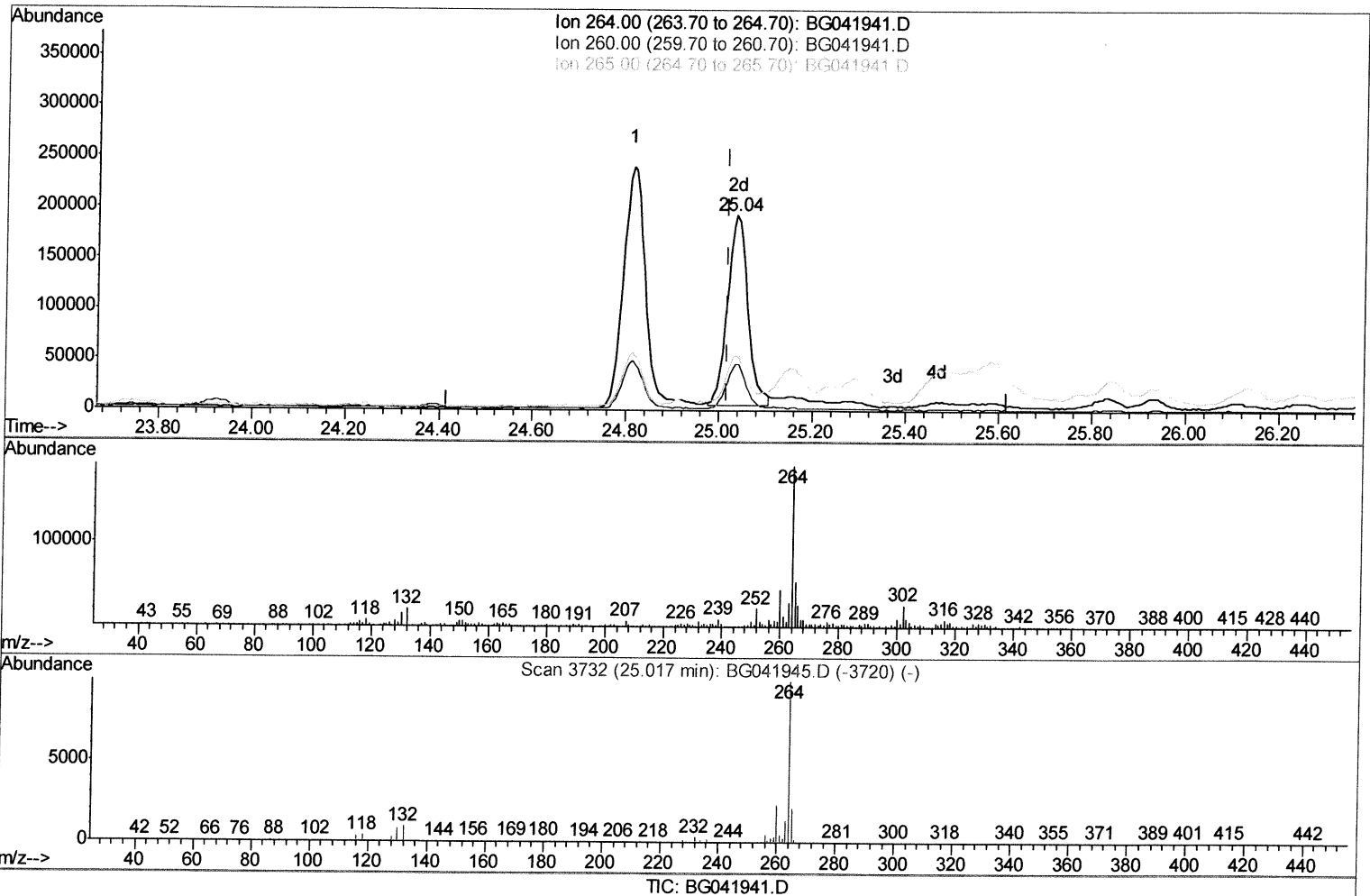
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080319\
 Data File : BG041941.D
 Acq On : 4 Aug 2019 13:46
 Operator : HP/JU
 Sample : K3850-09
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
ClientSampleId :
 BENQ3

Manual Integrations
APPROVED

mohammad
 8/6/2019 12:18:34 PM

Quant Time: Aug 05 11:21:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 05 05:06:29 2019
 Response via : Initial Calibration



(85) Perylene-d12 (I)

25.036min (+0.019) 20.00ng/ul m 08/05/19

response 566779

Ion	Exp%	Act%
264.00	100	100
260.00	23.20	23.63
265.00	22.50	28.47#
0.00	0.00	0.00

Quantitation Report (Qedit)

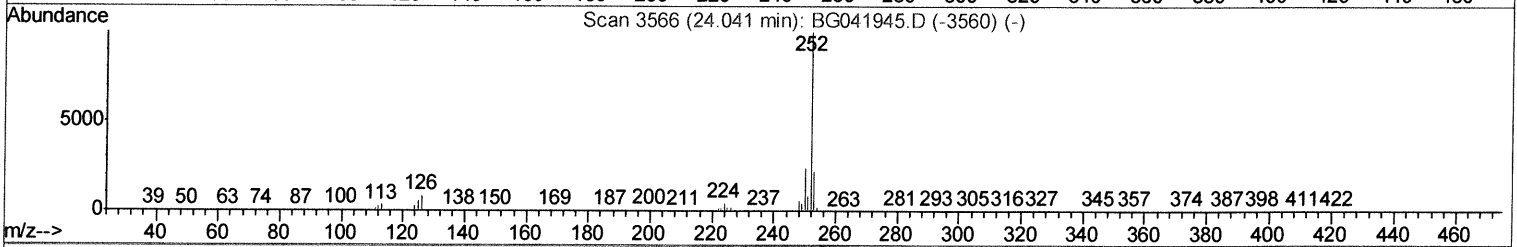
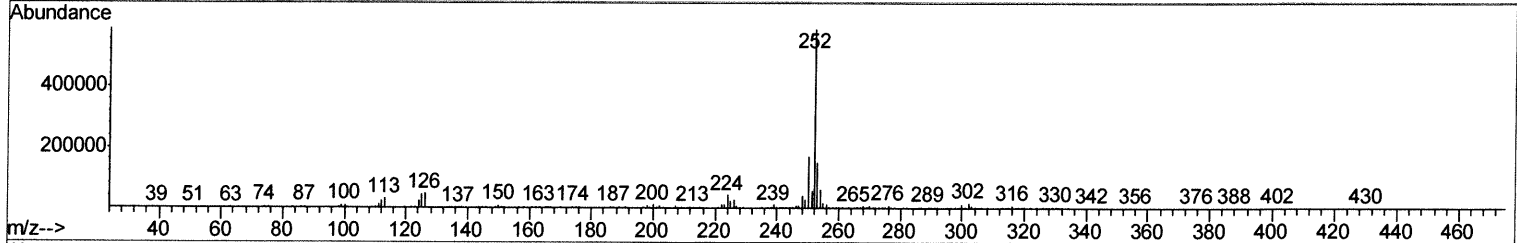
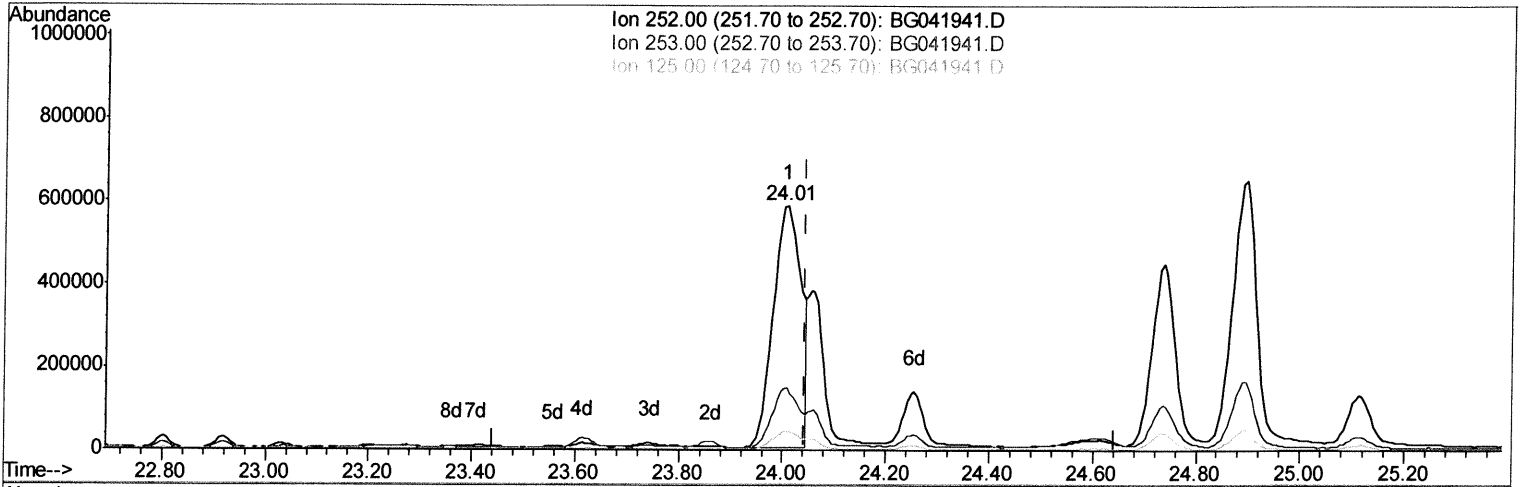
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080319\
 Data File : BG041941.D
 Acq On : 4 Aug 2019 13:46
 Operator : HP/JU
 Sample : K3850-09
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
ClientSampleId :
 BENQ3

Manual Integrations
APPROVED

mohammad
 8/6/2019 12:18:34 PM

Quant Time: Aug 05 11:25:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 05 05:06:29 2019
 Response via : Initial Calibration



TIC: BG041941.D

(88) Benzo(k)fluoranthene
 24.008min (-0.034) 63.00ng/ul
 response 2154642

Ion	Exp%	Act%
252.00	100	100
253.00	22.90	25.50
125.00	6.90	7.48
0.00	0.00	0.00

Quantitation Report (Qedit)

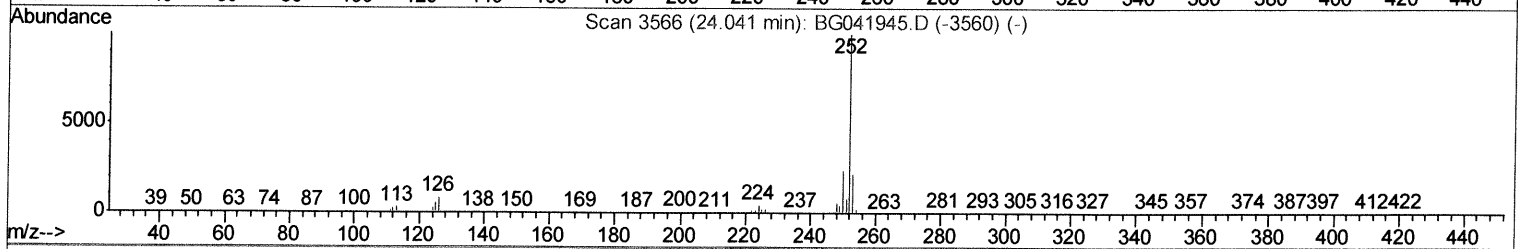
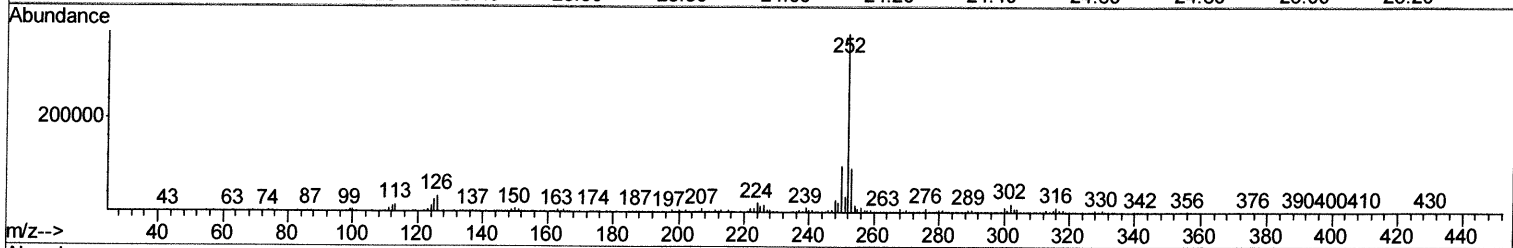
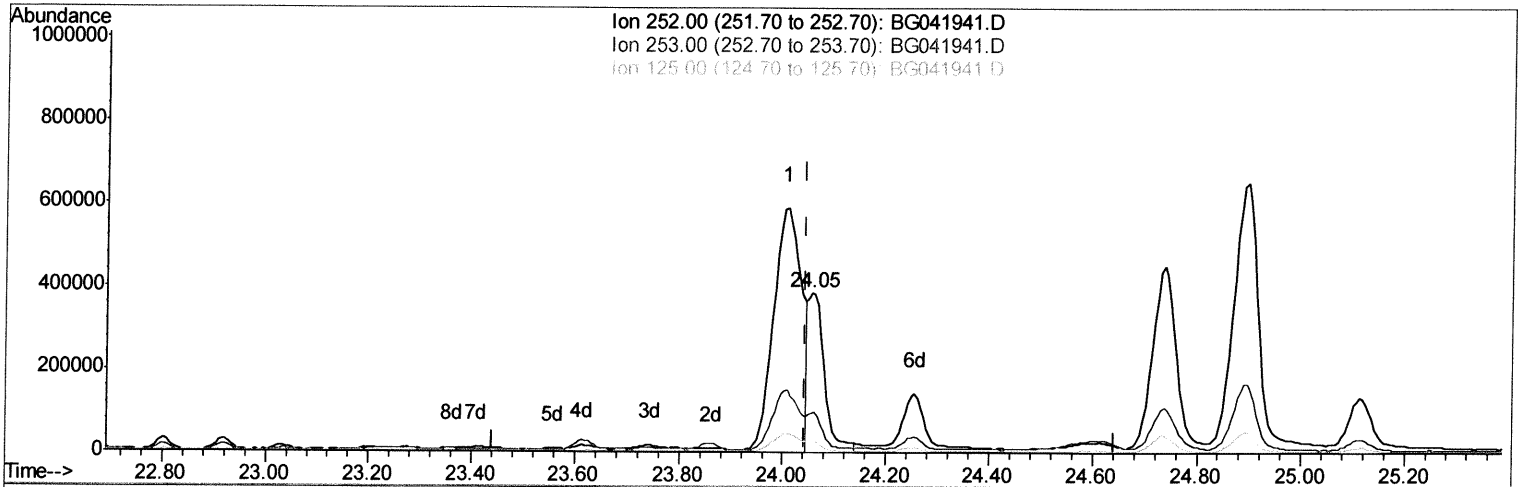
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080319\
 Data File : BG041941.D
 Acq On : 4 Aug 2019 13:46
 Operator : HP/JU
 Sample : K3850-09
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BENQ3

Manual Integrations
 APPROVED

mohammad
 8/6/2019 12:18:34 PM

Quant Time: Aug 05 11:25:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 05 05:06:29 2019
 Response via : Initial Calibration



TIC: BG041941.D

(88) Benzo(k)fluoranthene

24.055min (+0.013) 25.05ng/ul m

JU
 08/05/19

response 856634

Ion	Exp%	Act%
252.00	100	100
253.00	22.90	24.64
125.00	6.90	6.97
0.00	0.00	0.00

Quantitation Report (Qedit)

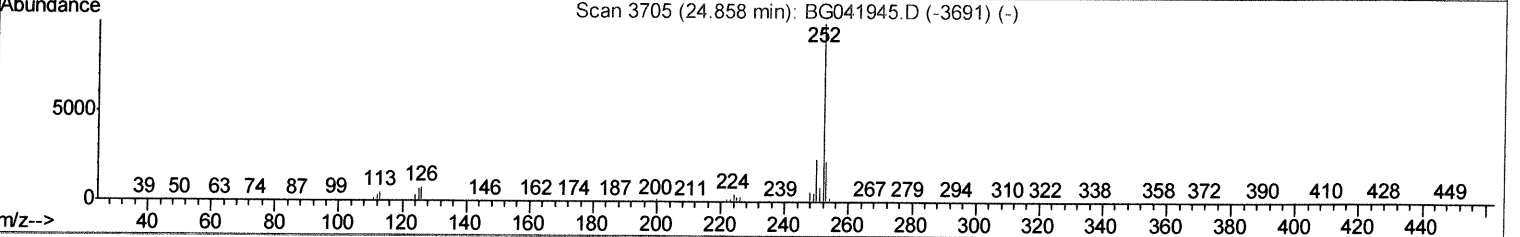
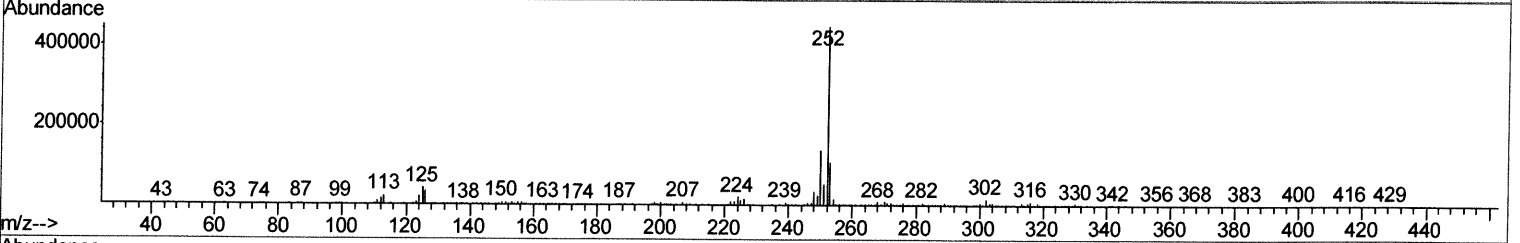
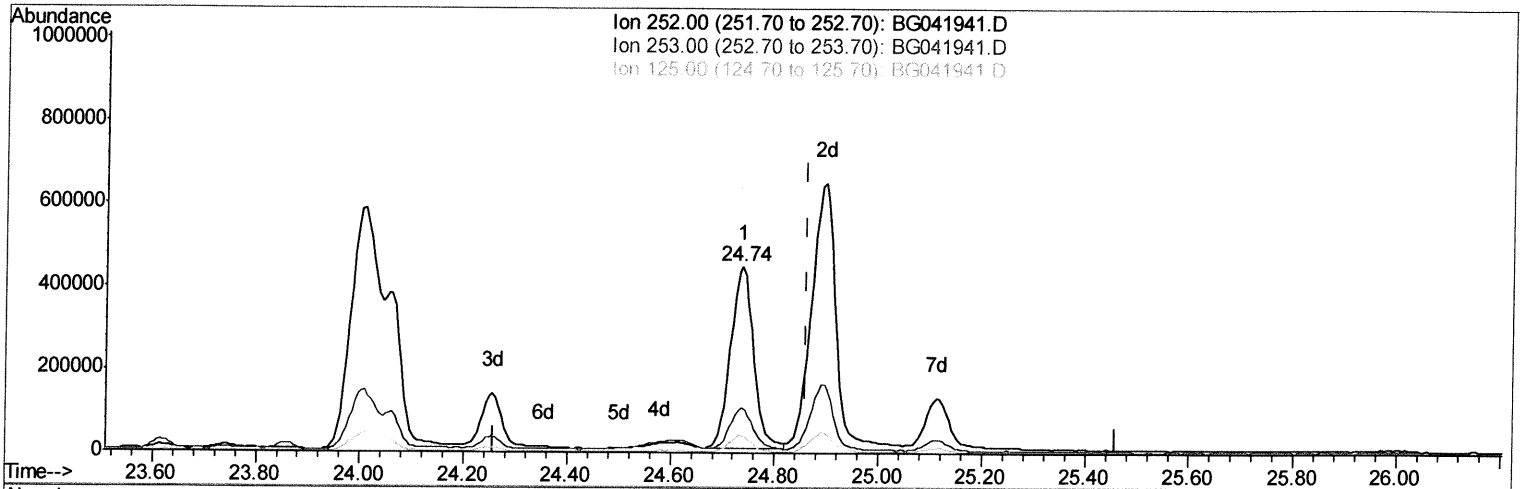
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080319\
 Data File : BG041941.D
 Acq On : 4 Aug 2019 13:46
 Operator : HP/JU
 Sample : K3850-09
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BENQ3

Manual Integrations
 APPROVED

mohammad
 8/6/2019 12:18:34 PM

Quant Time: Aug 05 11:25:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 05 05:06:29 2019
 Response via : Initial Calibration



TIC: BG041941.D

(90) Benzo(a)pyrene (C)
 24.736min (-0.122) 39.90ng/ul
 response 1352282

Ion	Exp%	Act%
252.00	100	100
253.00	22.90	24.20
125.00	8.10	9.51
0.00	0.00	0.00

Quantitation Report (Qedit)

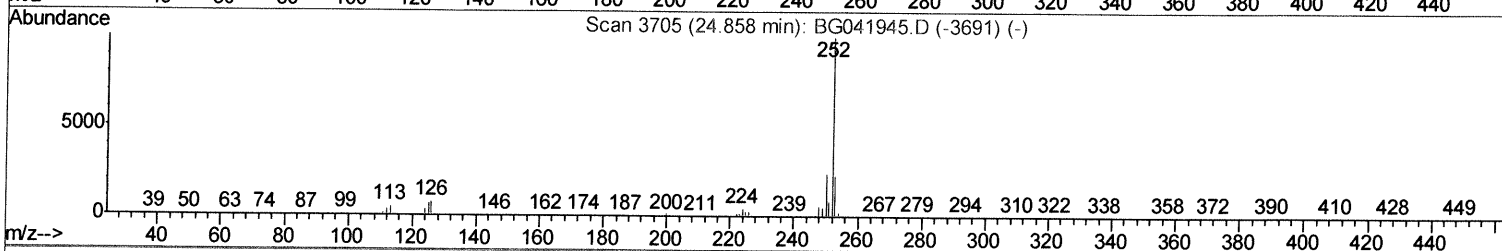
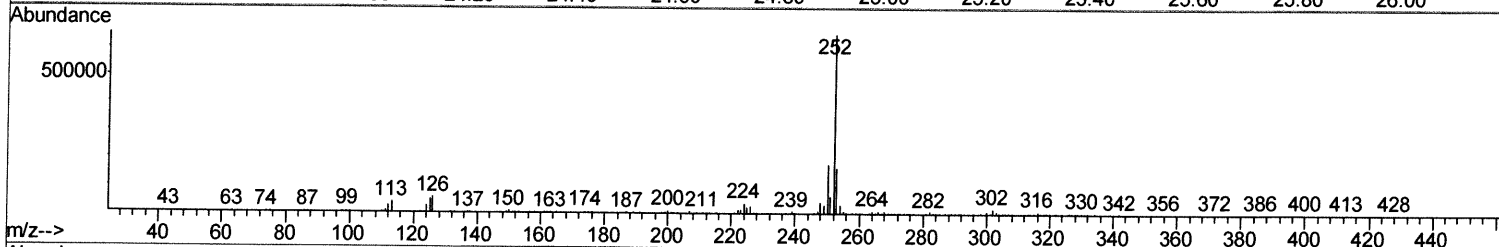
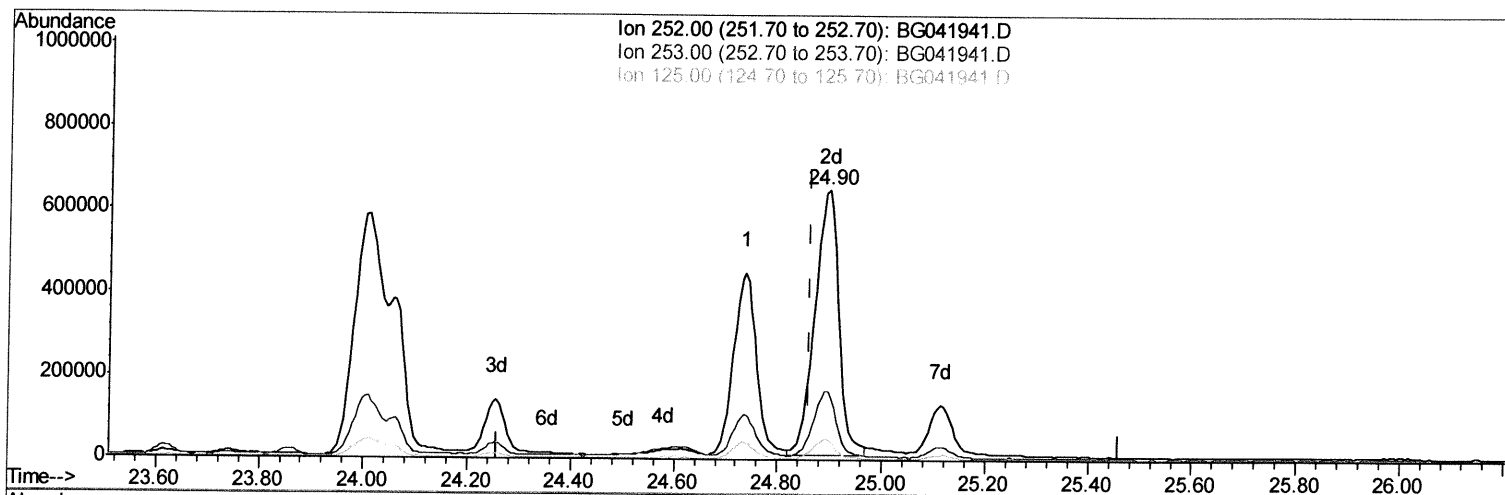
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080319\
 Data File : BG041941.D
 Acq On : 4 Aug 2019 13:46
 Operator : HP/JU
 Sample : K3850-09
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BENQ3

Manual Integrations
 APPROVED

mohammad
 8/6/2019 12:18:34 PM

Quant Time: Aug 05 11:25:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 05 05:06:29 2019
 Response via : Initial Calibration



TIC: BG041941.D

(90) Benzo(a)pyrene (C)

24.895min (+0.037) 59.81ng/ul m *JU 08/05/19*

response 2027154

Ion	Exp%	Act%
252.00	100	100
253.00	22.90	25.41
125.00	8.10	7.54
0.00	0.00	0.00

Quantitation Report (Qedit)

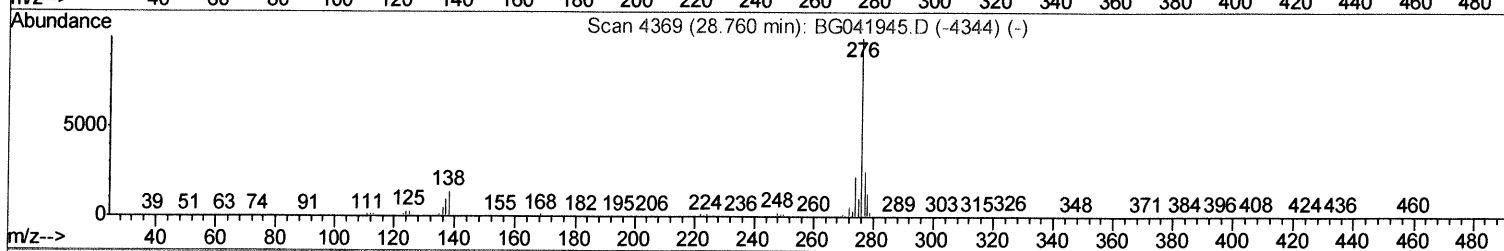
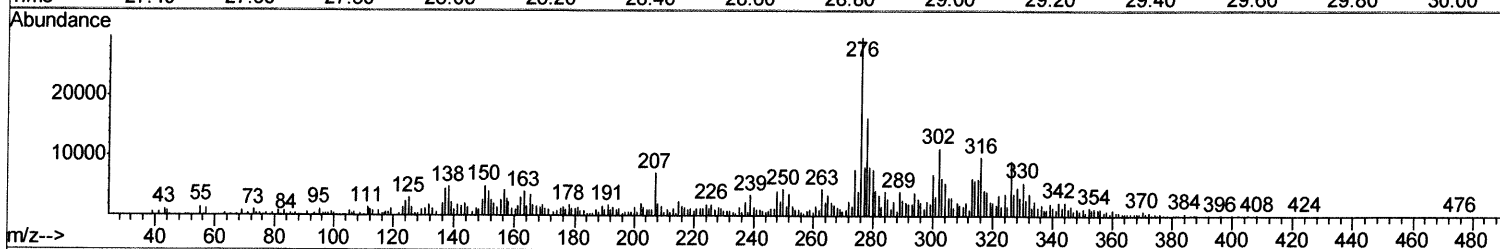
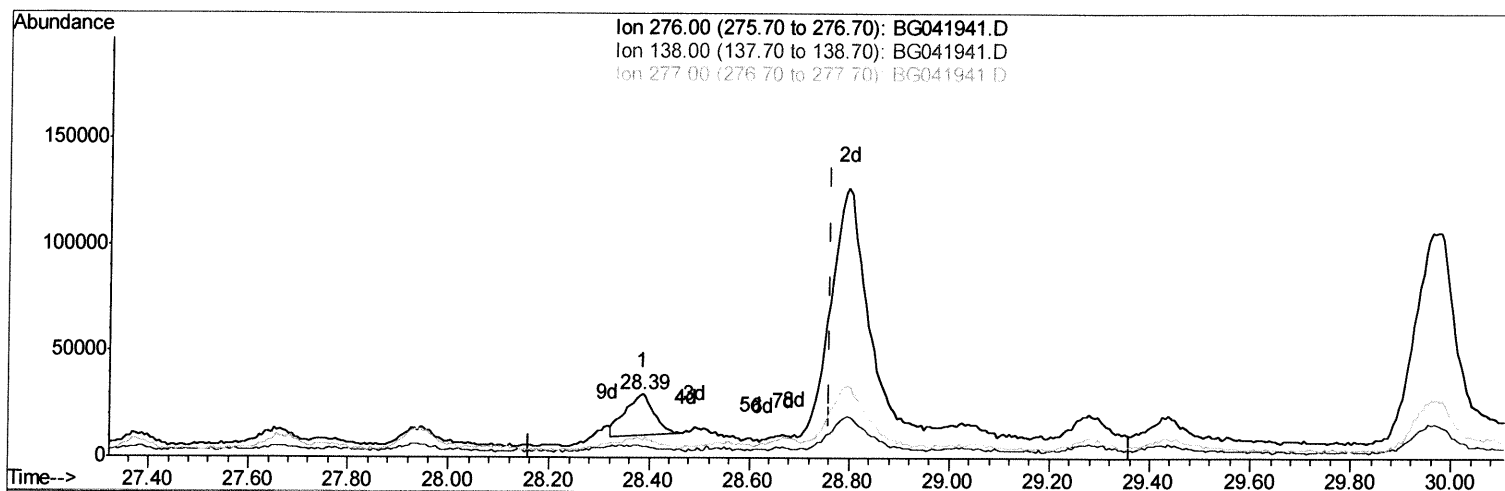
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080319\
Data File : BG041941.D
Acq On : 4 Aug 2019 13:46
Operator : HP/JU
Sample : K3850-09
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENQ3

Manual Integrations
APPROVED

mohammad
8/6/2019 12:18:34 PM

Quant Time: Aug 05 11:25:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 05 05:06:29 2019
Response via : Initial Calibration



TIC: BG041941.D

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

28.385min (-0.374) 1.97ng/ul

response 77765

Ion	Exp%	Act%
276.00	100	100
138.00	15.00	16.56
277.00	24.00	27.46
0.00	0.00	0.00

Quantitation Report (Qedit)

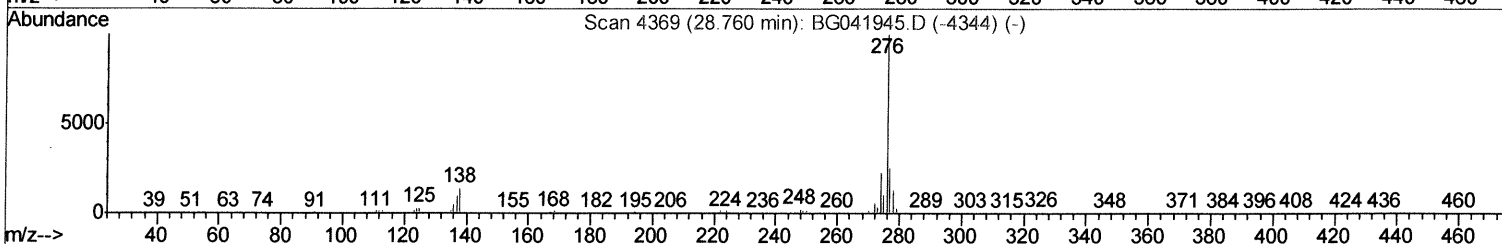
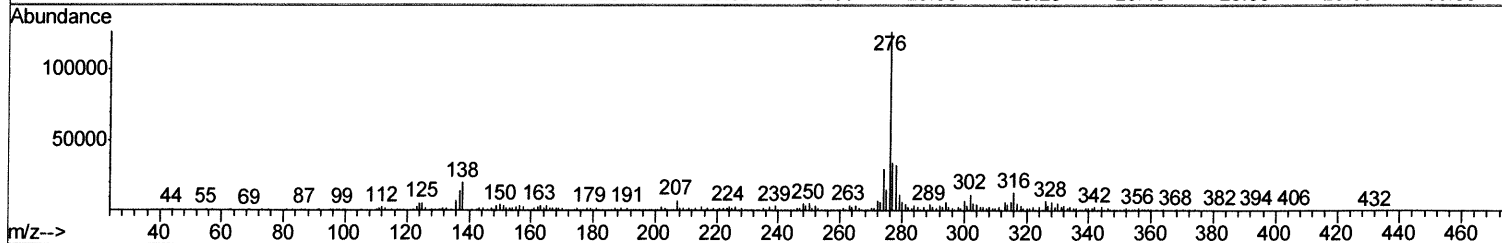
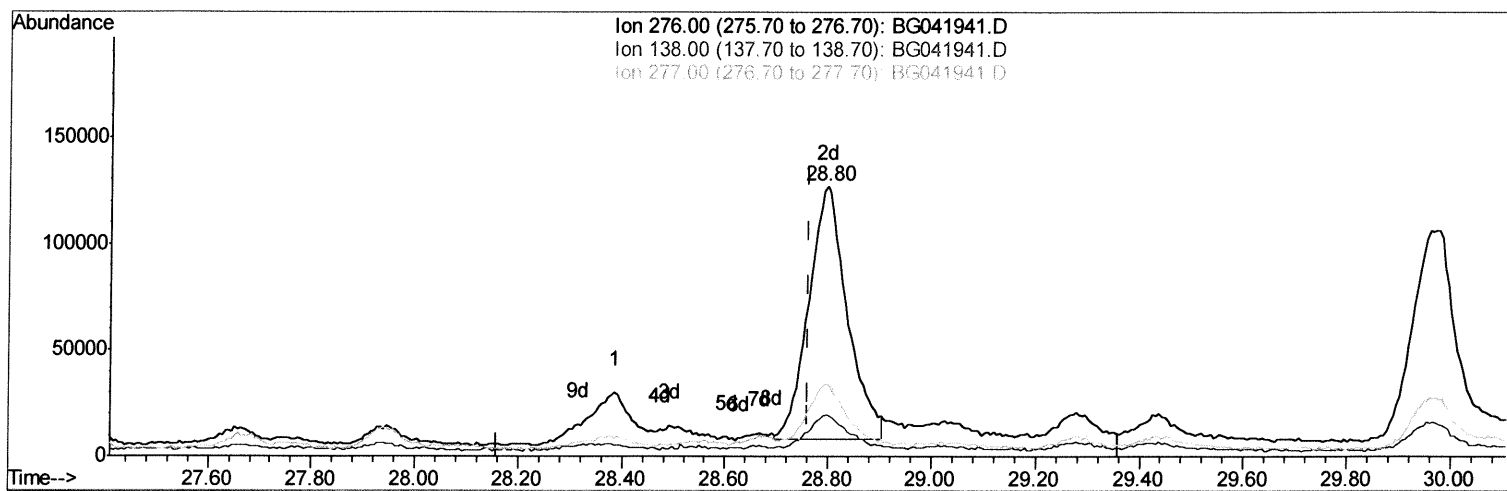
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080319\
Data File : BG041941.D
Acq On : 4 Aug 2019 13:46
Operator : HP/JU
Sample : K3850-09
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENQ3

Manual Integrations
APPROVED

mohammad
8/6/2019 12:18:34 PM

Quant Time: Aug 05 11:25:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 05 05:06:29 2019
Response via : Initial Calibration



TIC: BG041941.D

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

28.796min (+0.037) 15.53ng/ul m 08/05/19

response 613906

Ion	Exp%	Act%
276.00	100	100
138.00	15.00	15.59
277.00	24.00	26.74
0.00	0.00	0.00

Quantitation Report (Qedit)

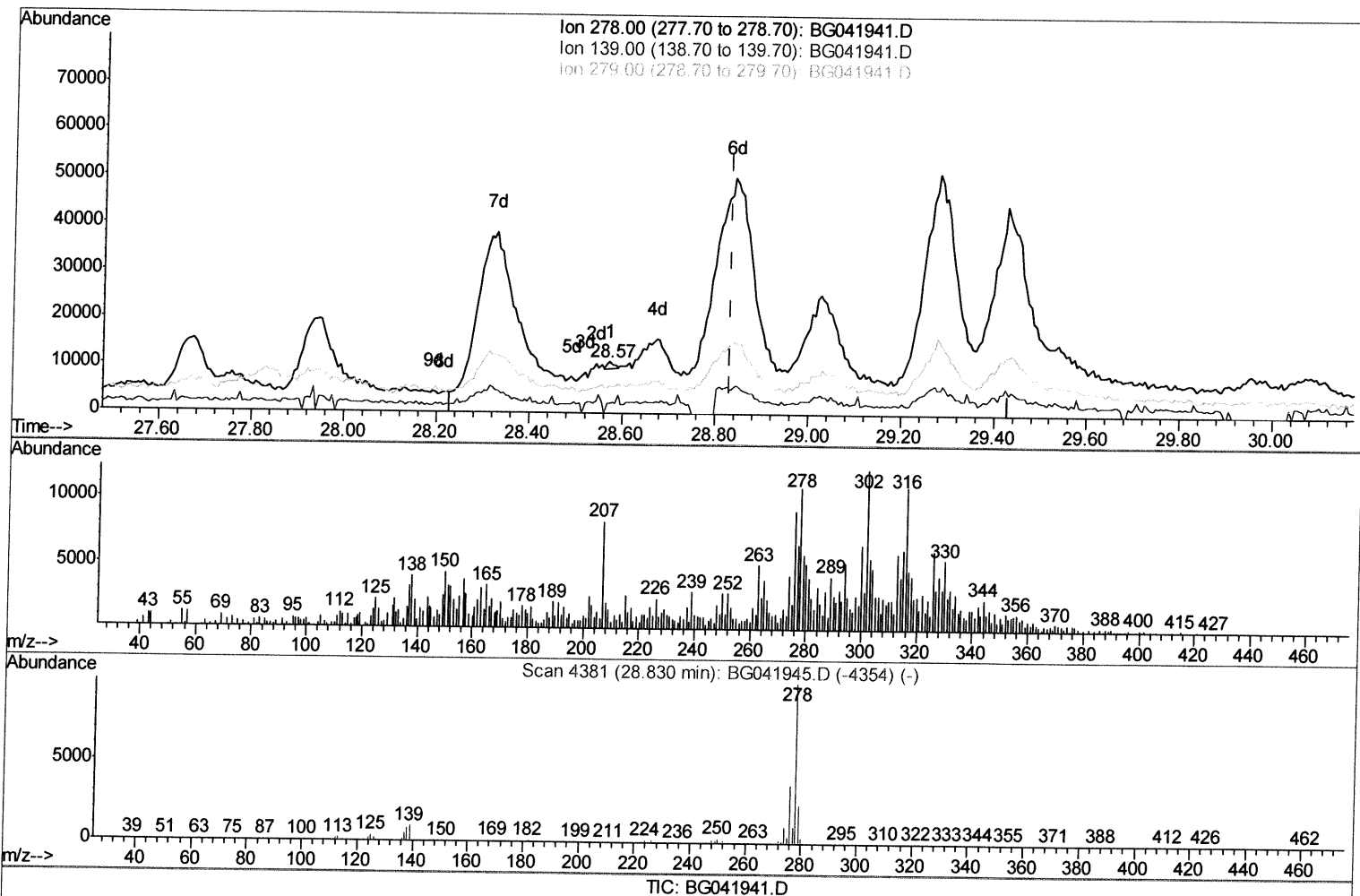
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080319\
Data File : BG041941.D
Acq On : 4 Aug 2019 13:46
Operator : HP/JU
Sample : K3850-09
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENQ3

Manual Integrations
APPROVED

mohammad
8/6/2019 12:18:34 PM

Quant Time: Aug 05 11:25:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 05 05:06:29 2019
Response via : Initial Calibration



(92) Dibenzo(a,h)anthracene

28.573min (-0.257) 0.04ng/ul

response 1413

Ion	Exp%	Act%
278.00	100	100
139.00	11.70	20.35#
279.00	24.00	53.79#
0.00	0.00	0.00

Quantitation Report (Qedit)

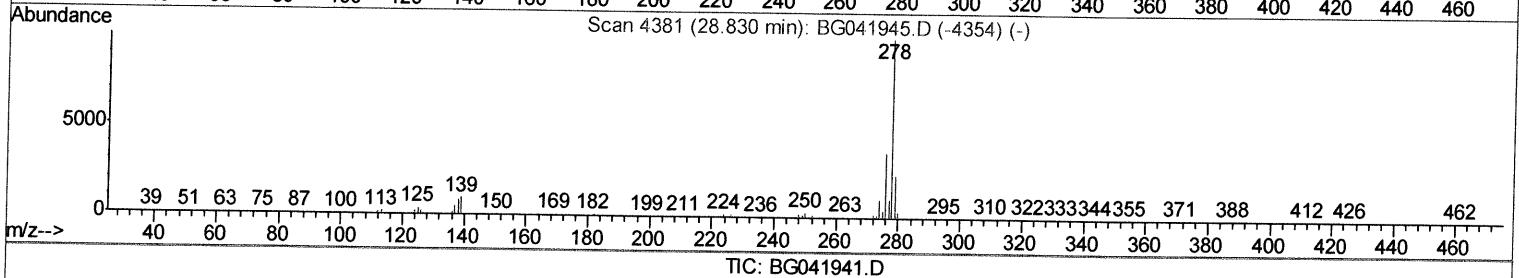
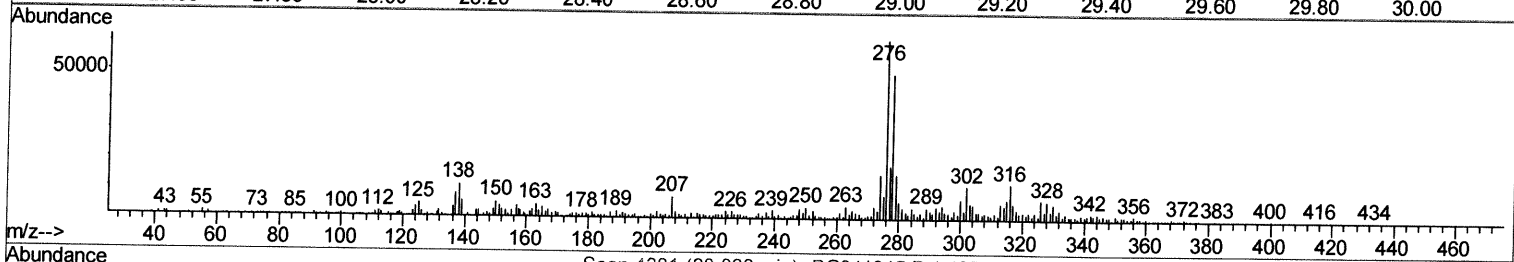
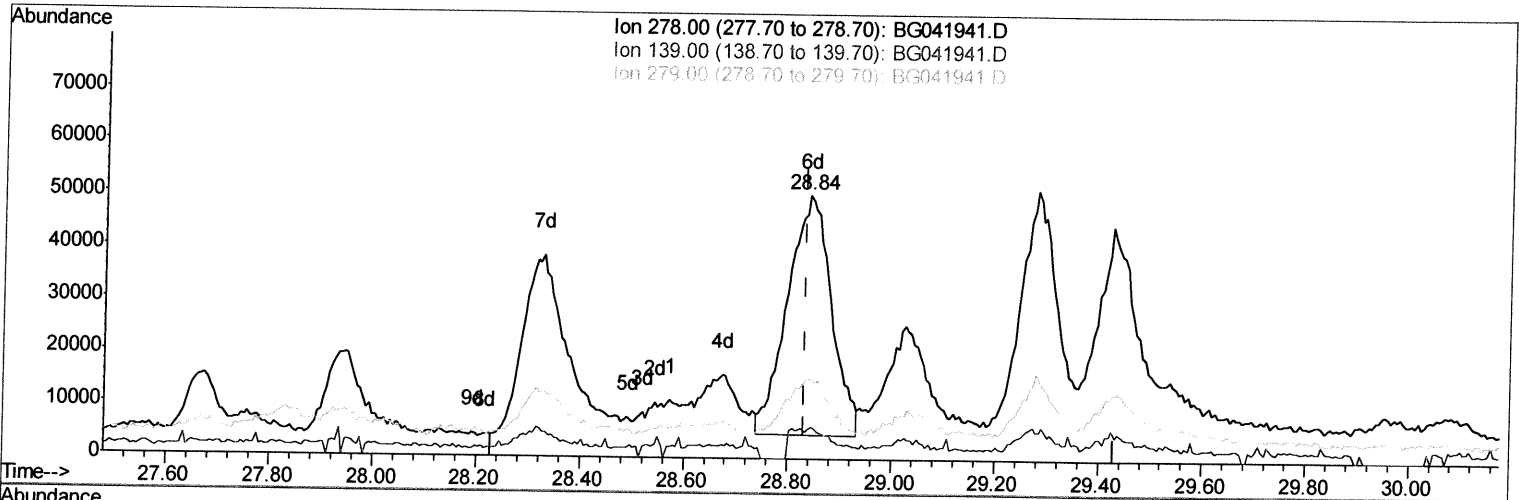
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080319\
Data File : BG041941.D
Acq On : 4 Aug 2019 13:46
Operator : HP/JU
Sample : K3850-09
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENQ3

Manual Integrations
APPROVED

mohammad
8/6/2019 12:18:34 PM

Quant Time: Aug 05 11:25:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 05 05:06:29 2019
Response via : Initial Calibration



(92) Dibenzo(a,h)anthracene

28.838min (+0.008) 8.31ng/ul m

response 268030

Ion	Exp%	Act%
278.00	100	100
139.00	11.70	11.12
279.00	24.00	30.51#
0.00	0.00	0.00

JU
08/05/19

Quantitation Report (Qedit)

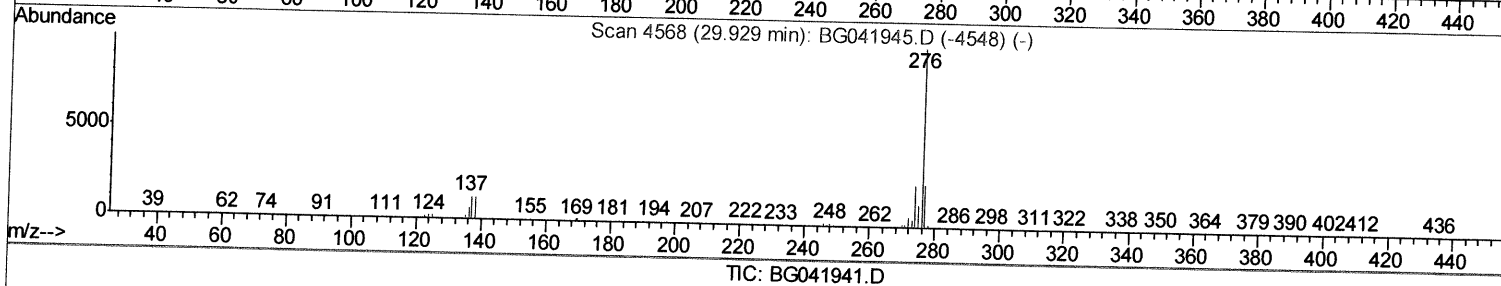
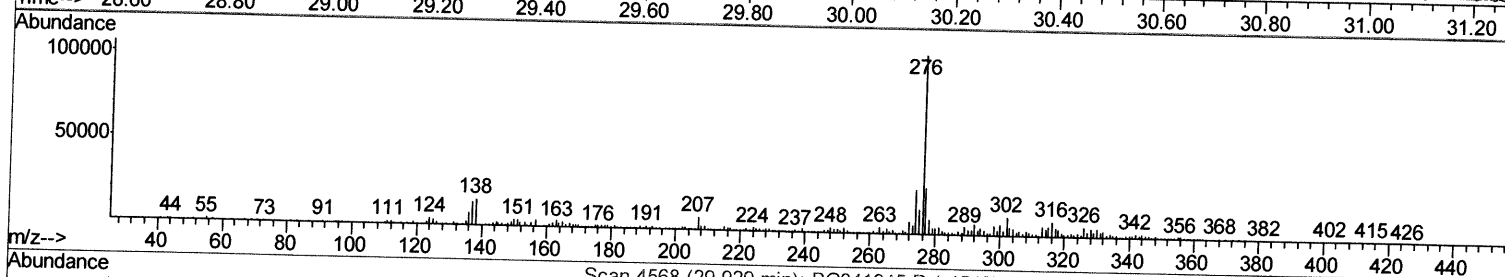
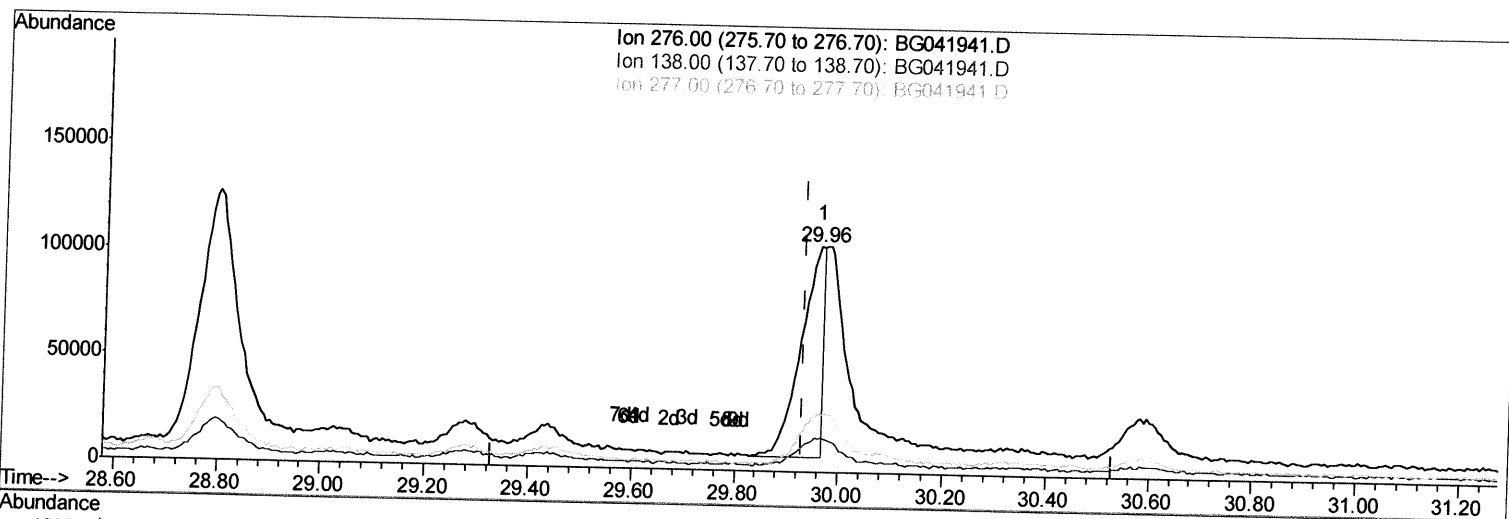
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080319\
Data File : BG041941.D
Acq On : 4 Aug 2019 13:46
Operator : HP/JU
Sample : K3850-09
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENQ3

Manual Integrations
APPROVED

mohammad
8/6/2019 12:18:34 PM

Quant Time: Aug 05 11:25:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 05 05:06:29 2019
Response via : Initial Calibration



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

29.960min (+0.031) 8.92ng/ul

response 294491

Ion	Exp%	Act%
276.00	100	100
138.00	15.70	14.86
277.00	24.00	26.27
0.00	0.00	0.00

Quantitation Report (Qedit)

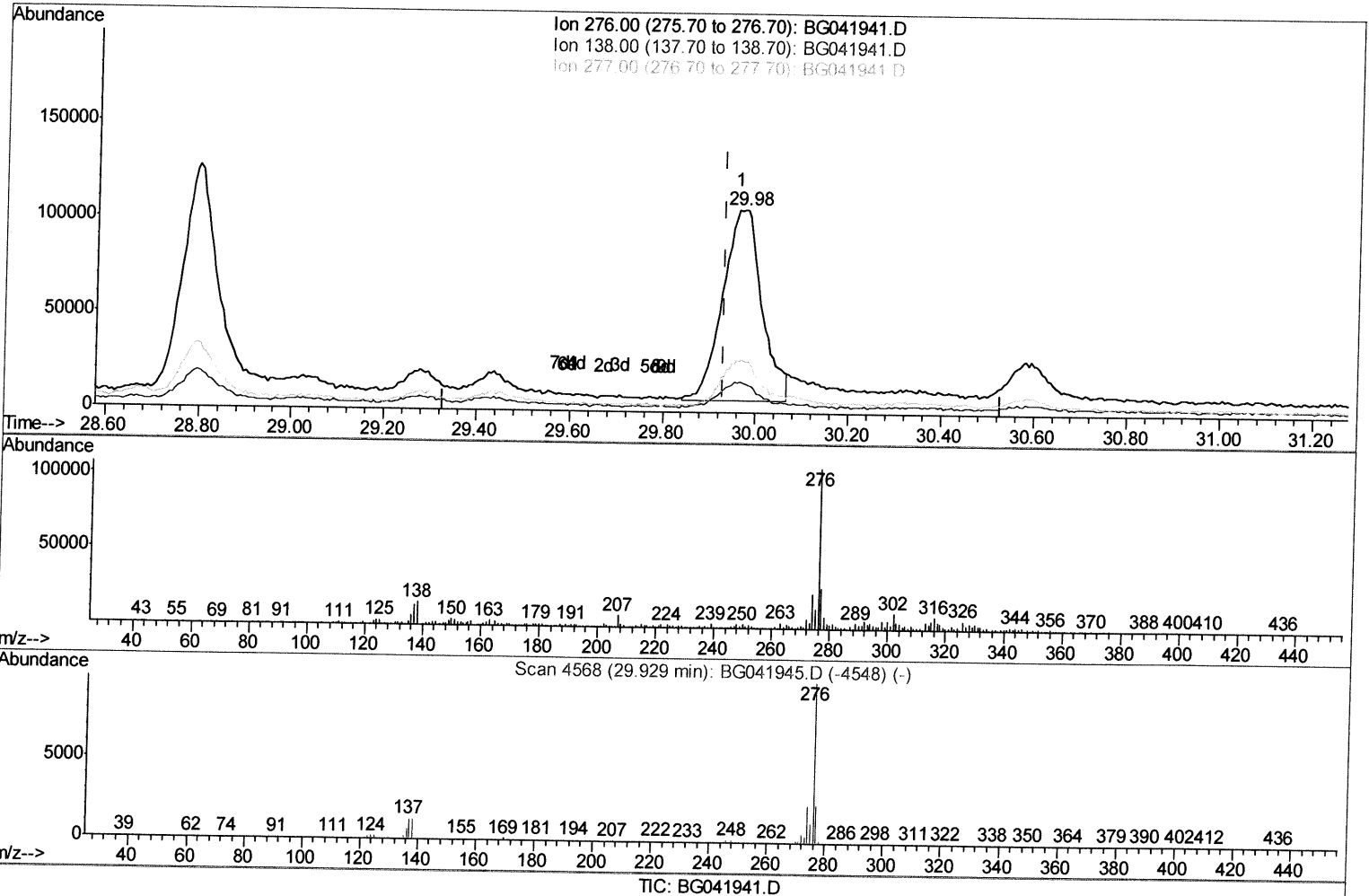
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080319\
 Data File : BG041941.D
 Acq On : 4 Aug 2019 13:46
 Operator : HP/JU
 Sample : K3850-09
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BENQ3

Manual Integrations
 APPROVED

mohammad
 8/6/2019 12:18:34 PM

Quant Time: Aug 05 11:25:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 05 05:06:29 2019
 Response via : Initial Calibration



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

29.977min (+0.049) 17.79ng/ul m *Ju 08/05/19*

response 587262

Ion	Exp%	Act%
276.00	100	100
138.00	15.70	14.26
277.00	24.00	25.24
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080319\
 Data File : BG041941.D
 Acq On : 4 Aug 2019 13:46
 Operator : HP/JU
 Sample : K3850-09
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BENQ3

Manual Integrations
 APPROVED

mohammad
 8/6/2019 12:18:34 PM

Quant Time: Aug 05 11:28:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 05 05:06:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	98977	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	397529	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.70	164	260944	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.46	188	520178m>	20.00	ng/ul	0.00
77) Chrysene-d12	21.75	240	531858	20.00	ng/ul	0.02
85) Perylene-d12	25.04	264	566779m>	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	1234m>	0.55	ng/uL	0.00
5) Phenol-d5	7.19	99	153977	19.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.35	67	93520	21.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	142972	21.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	131025	20.09	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	75979	25.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	91632	26.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	163004	23.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	187395	24.08	ng/ul	0.00
43) Dimethylphthalate-d6	14.10	166	482685	23.85	ng/ul	0.00
46) Acenaphthylene-d8	14.39	160	623694	26.98	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	65632	19.31	ng/ul	0.00
57) Fluorene-d10	15.69	176	436314	24.23	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.82	200	33392m>	10.01	ng/ul	0.01
70) Anthracene-d10	17.56	188	662117	26.53	ng/ul	0.00
78) Pyrene-d10	19.84	212	740856	24.96	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.81	264	769646	25.99	ng/ul	0.03

Target Compounds

						Qvalue
28) Naphthalene	10.91	128	242828	11.948	ng/ul	97
34) 2-Methylnaphthalene	12.52	142	265716	16.450	ng/ul	98
40) 1,1'-Biphenyl	13.53	154	50296	2.651	ng/ul	98
44) Dimethylphthalate	14.14	163	26574	1.322	ng/ul	100
49) Acenaphthene	14.77	153	398187	24.406	ng/ul	99
53) Dibenzofuran	15.09	168	78576	3.227	ng/ul	89
58) Fluorene	15.75	166	336029	17.133	ng/ul	98
69) Phenanthrene	17.50	178	3343277m>	117.401	ng/ul	97
71) Anthracene	17.59	178	1024384	35.467	ng/ul	97
74) Carbazole	17.85	167	69654m>	2.911	ng/ul	97
76) Fluoranthene	19.52	202	2730779m>	82.994	ng/ul	97
79) Pyrene	19.88	202	3740541m>	104.555	ng/ul	97
82) Benzo(a)anthracene	21.73	228	2609074	70.752	ng/ul#	85
84) Chrysene	21.80	228	2676654	77.768	ng/ul#	84
87) Benzo(b)fluoranthene	24.01	252	2154642	60.578	ng/ul	96
88) Benzo(k)fluoranthene	24.05	252	856634m>	25.049	ng/ul	97
90) Benzo(a)pyrene	24.90	252	2027154m>	59.809	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	28.80	276	613906m>	15.529	ng/ul	97
92) Dibenzo(a,h)anthracene	28.84	278	268030m>	8.312	ng/ul	97
93) Benzo(g,h,i)perylene	29.98	276	587262m>	17.793	ng/ul	97

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