

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052417\
 Data File : BG027120.D
 Acq On : 24 May 2017 7:43
 Operator : SJ/MA
 Sample : I3276-16
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

DAC90

Manual Integrations

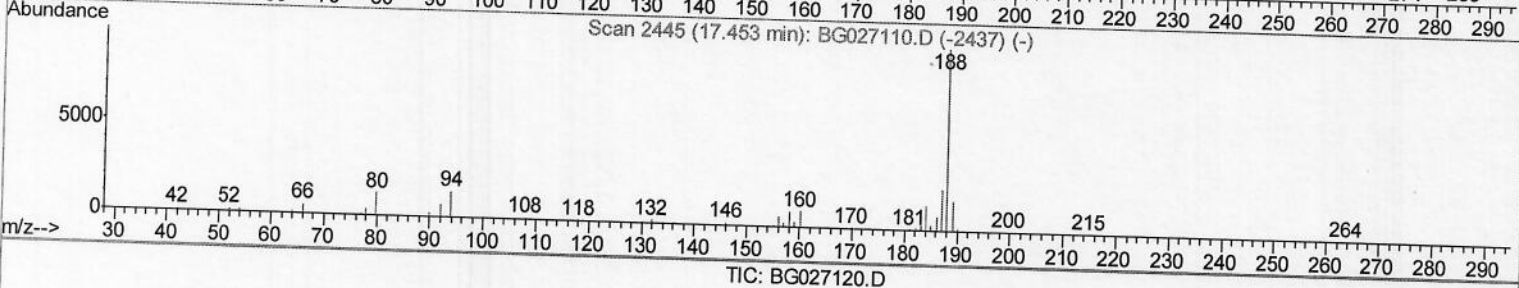
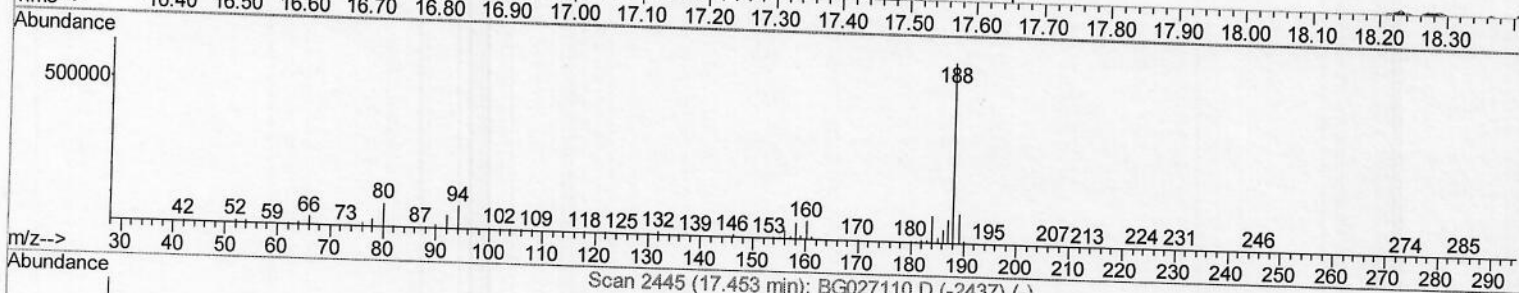
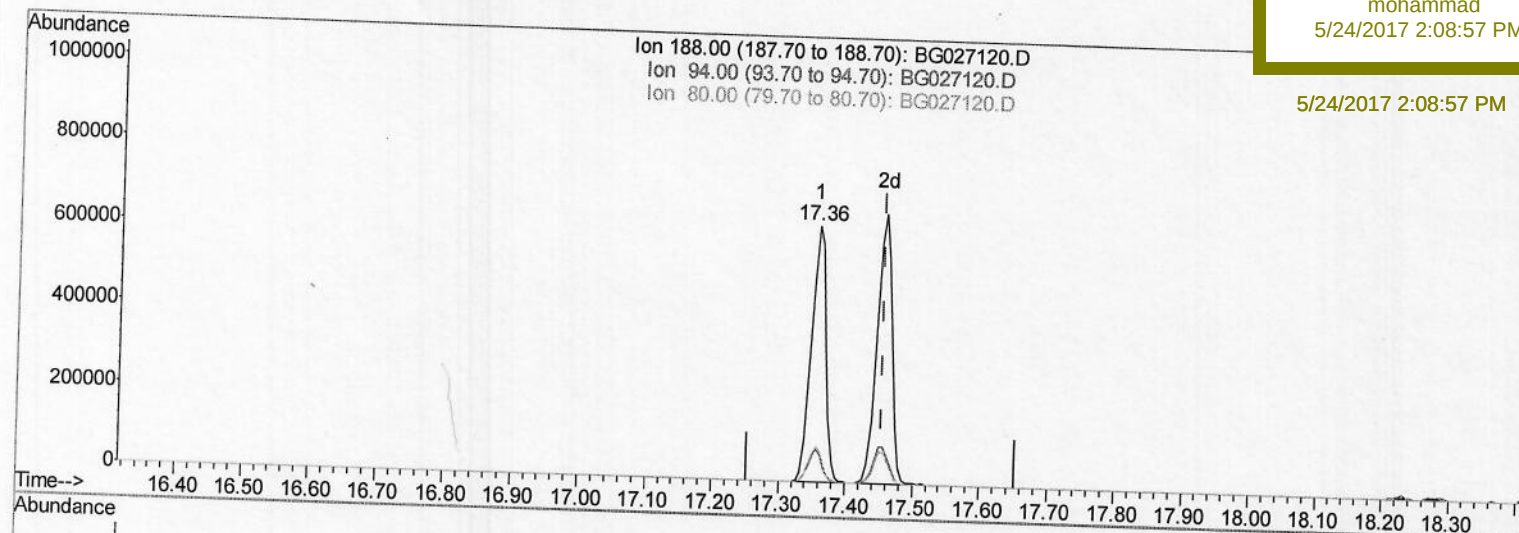
APPROVED

mohammad

5/24/2017 2:08:57 PM

5/24/2017 2:08:57 PM

Quant Time: May 24 08:31:14 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 24 01:50:08 2017
 Response via : Initial Calibration



(14) Anthracene-d10 (S)

17.355min (-0.098) 20.51ng/ul

response 944907

Ion	Exp%	Act%
188.00	100	100
94.00	11.10	12.72
80.00	11.80	13.31
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052417\
 Data File : BG027120.D
 Acq On : 24 May 2017 7:43
 Operator : SJ/MA
 Sample : I3276-16
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

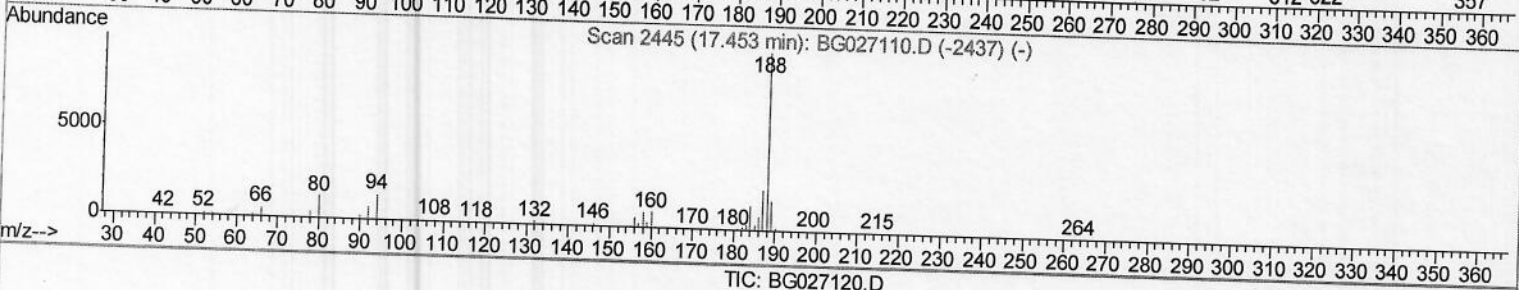
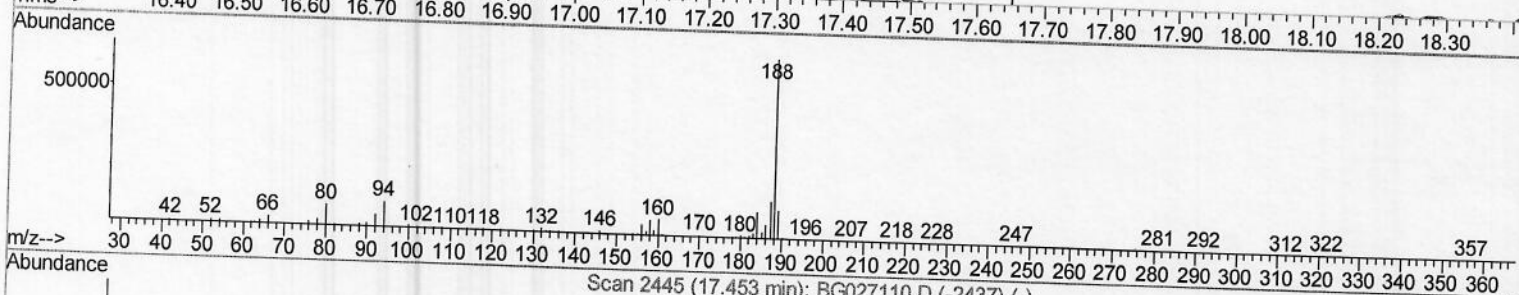
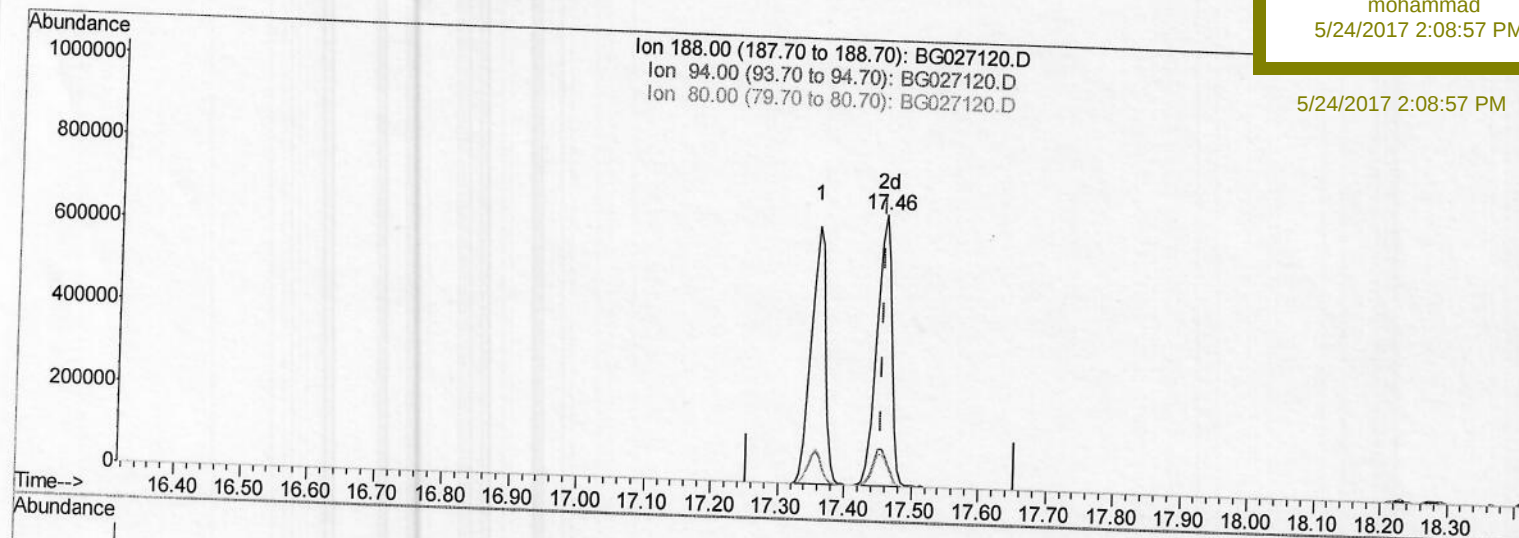
Quant Time: May 24 08:31:14 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 24 01:50:08 2017
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 DAC90

Manual Integrations
 APPROVED

mohammad
 5/24/2017 2:08:57 PM

5/24/2017 2:08:57 PM



(14) Anthracene-d10 (S)

17.455min (+0.002) 22.29ng/ul m

response 1026850

Ion	Exp%	Act%
188.00	100	100
94.00	11.10	13.76#
80.00	11.80	11.45
0.00	0.00	0.00

> 5.1
 05/30/17

Quantitation Report (Qedit)

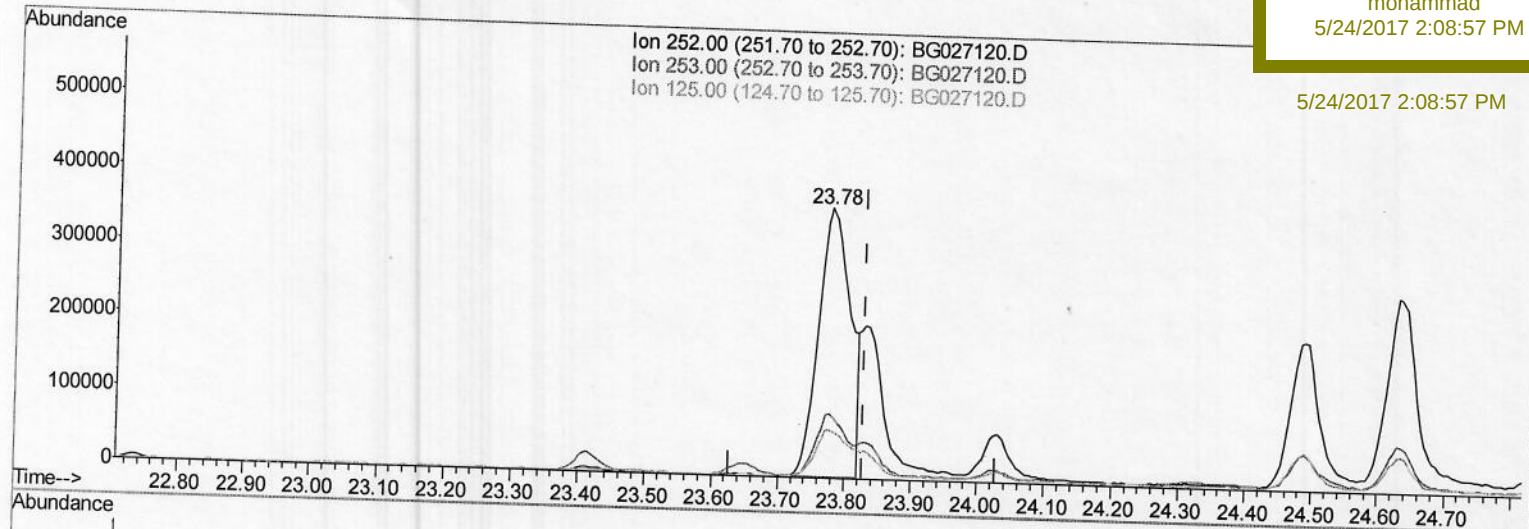
Data Path : Z:\HPCHEM1\BNA G\DATA\BG052417\
 Data File : BG027120.D
 Acq On : 24 May 2017 7:43
 Operator : SJ/MA
 Sample : I3276-16
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sampled :
 DAC90

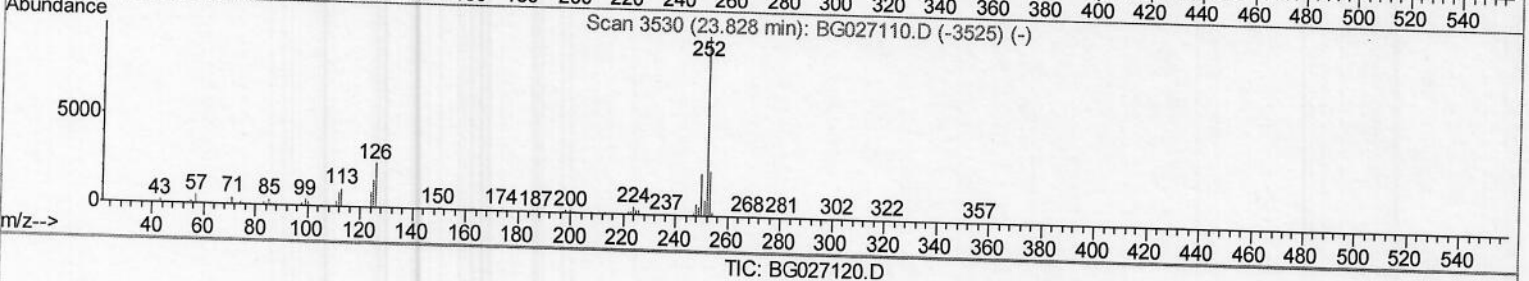
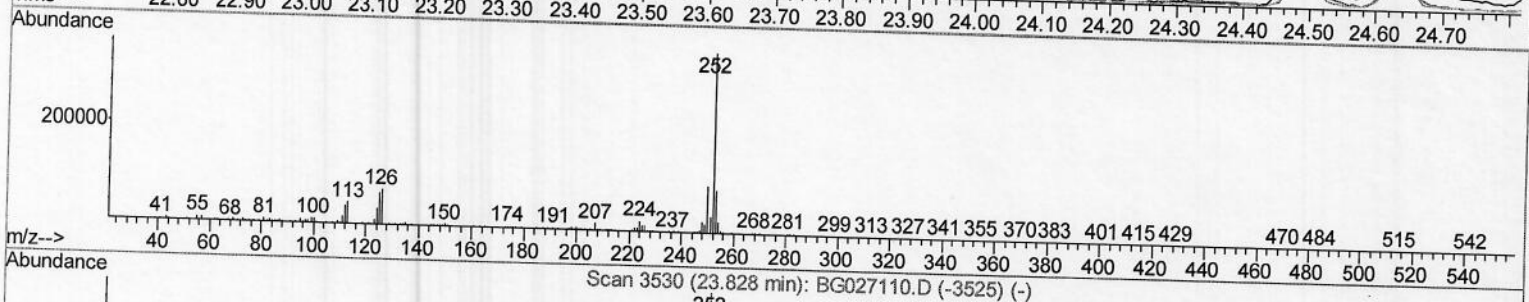
Manual Integrations
 APPROVED

mohammad
 5/24/2017 2:08:57 PM

Quant Time: May 24 08:31:14 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 24 01:50:08 2017
 Response via : Initial Calibration



5/24/2017 2:08:57 PM



TIC: BG027120.D

(24) Benzo(k)fluoranthene
 23.777min (-0.051) 26.50ng/ul
 response 1195700

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.80
125.00	10.10	17.86#
0.00	0.00	0.00

Quantitation Report (Qedit)

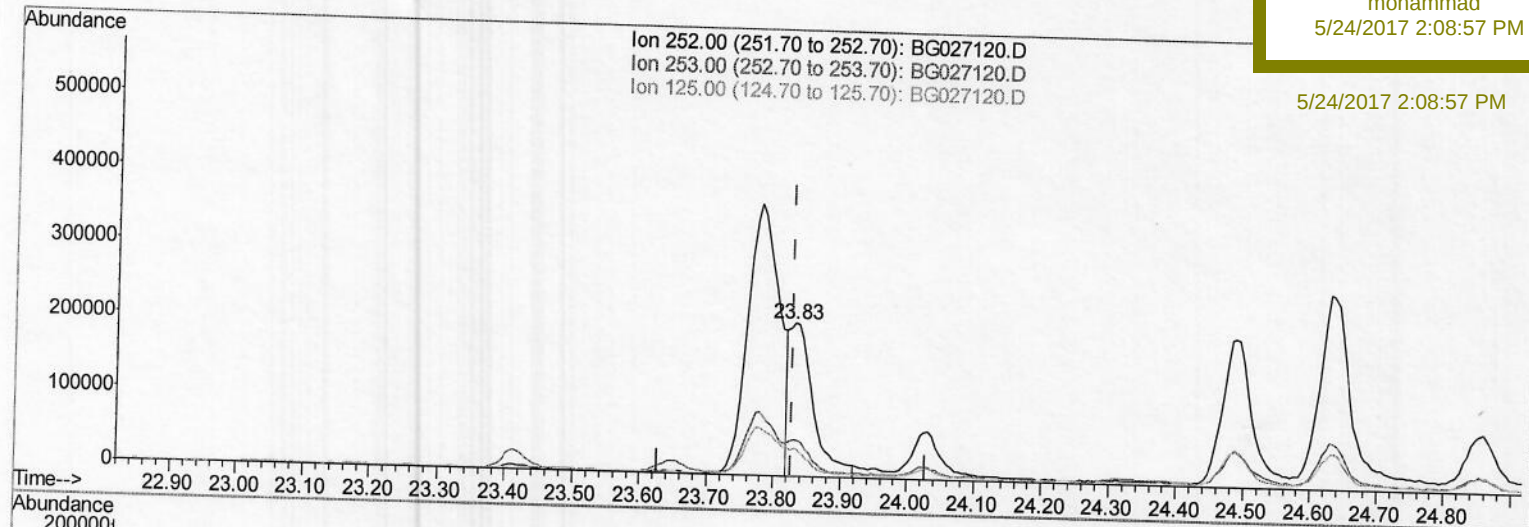
Data Path : Z:\HPCHEM1\BNA G\DATA\BG052417\
 Data File : BG027120.D
 Acq On : 24 May 2017 7:43
 Operator : SJ/MA
 Sample : I3276-16
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sample ID :
 DAC90

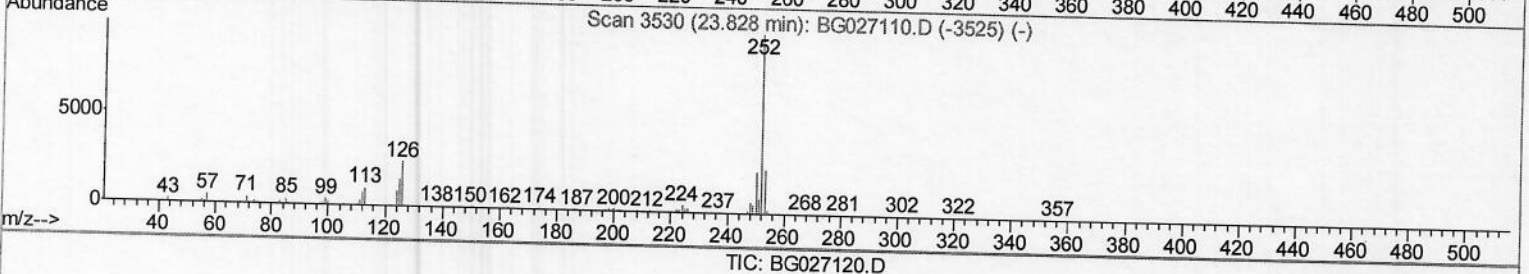
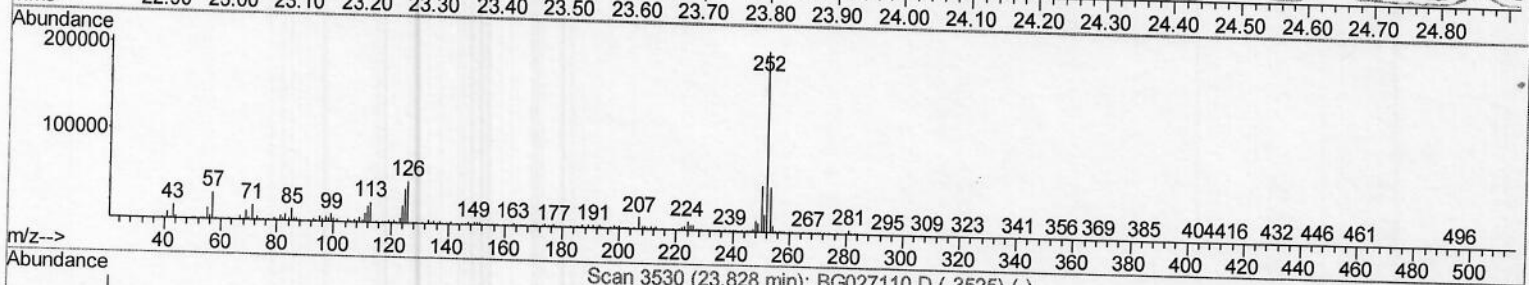
Manual Integrations
 APPROVED

mohammad
 5/24/2017 2:08:57 PM

Quant Time: May 24 08:31:14 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 24 01:50:08 2017
 Response via : Initial Calibration



5/24/2017 2:08:57 PM



(24) Benzo(k)fluoranthene

23.830min (+0.002) 11.31ng/ul m

response 510189

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	24.66
125.00	10.10	18.84#
0.00	0.00	0.00

> 5.1
 05/30/17

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052417\
 Data File : BG027120.D
 Acq On : 24 May 2017 7:43
 Operator : SJ/MA
 Sample : I3276-16
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

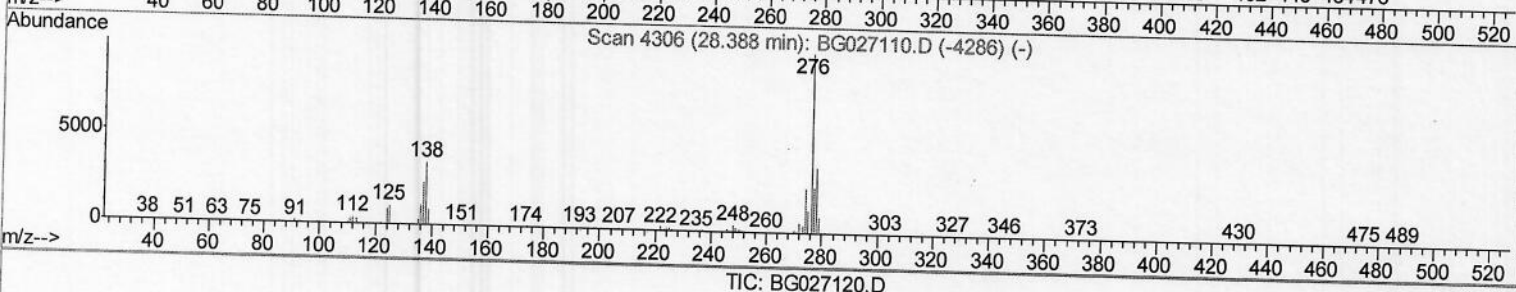
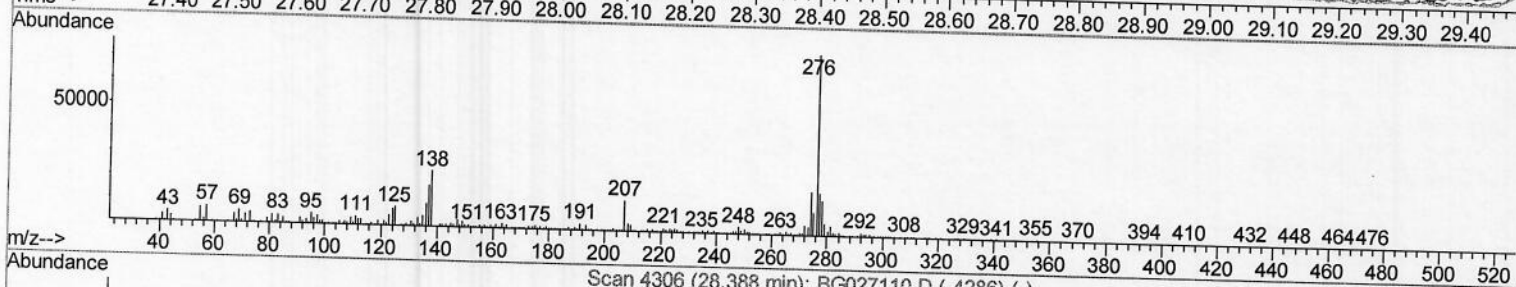
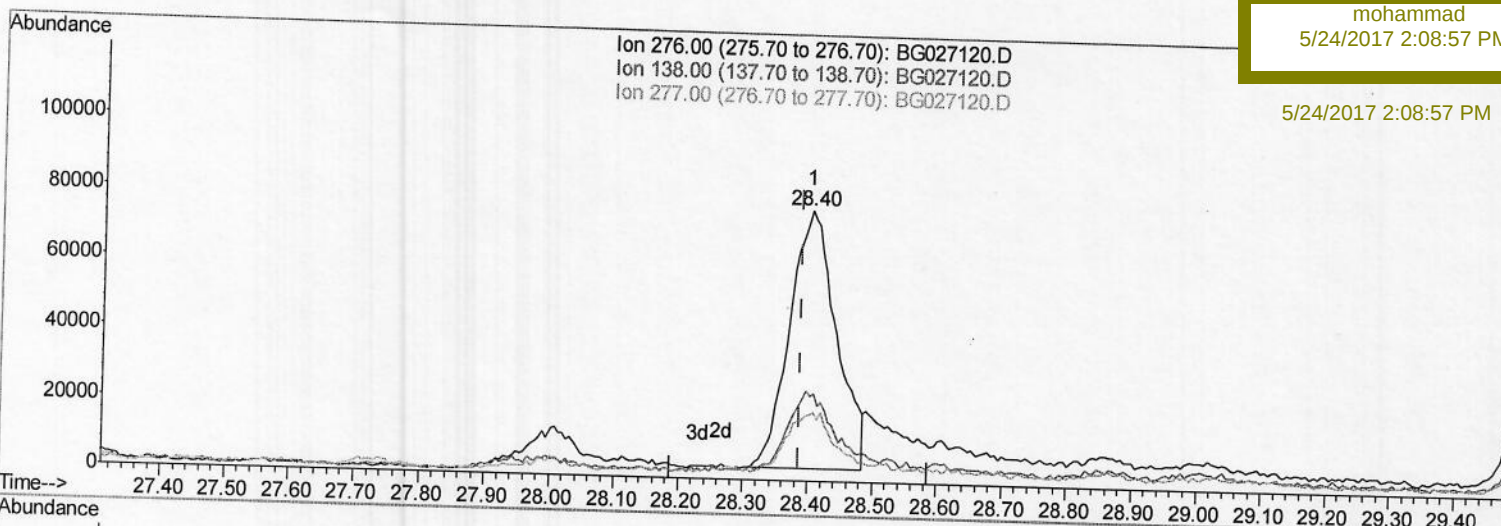
Quant Time: May 24 08:31:14 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 24 01:50:08 2017
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 DAC90

Manual Integrations
 APPROVED

mohammad
 5/24/2017 2:08:57 PM

5/24/2017 2:08:57 PM



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

28.401min (+0.013) 9.41ng/ul

response 371517

Ion	Exp%	Act%
276.00	100	100
138.00	18.00	31.40#
277.00	22.50	24.39
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052417\
 Data File : BG027120.D
 Acq On : 24 May 2017 7:43
 Operator : SJ/MA
 Sample : I3276-16
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

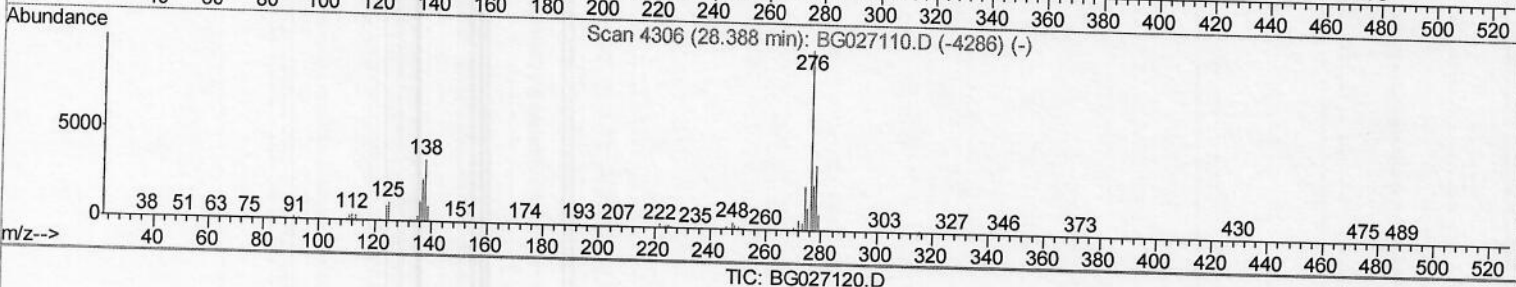
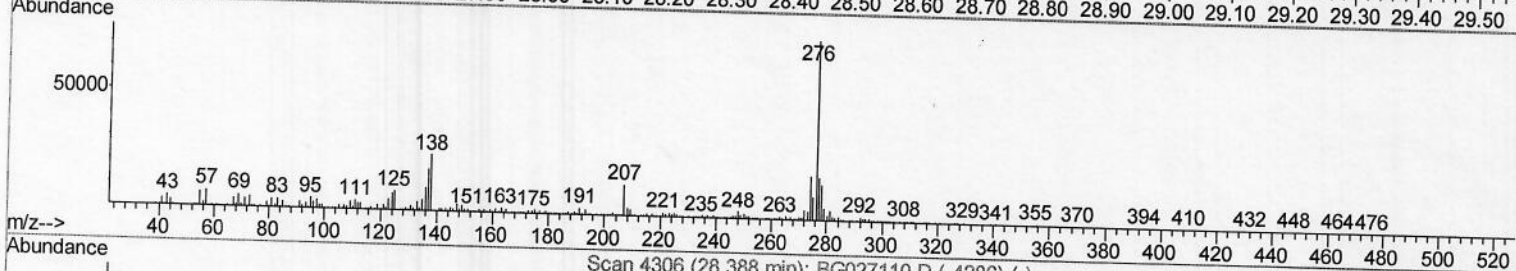
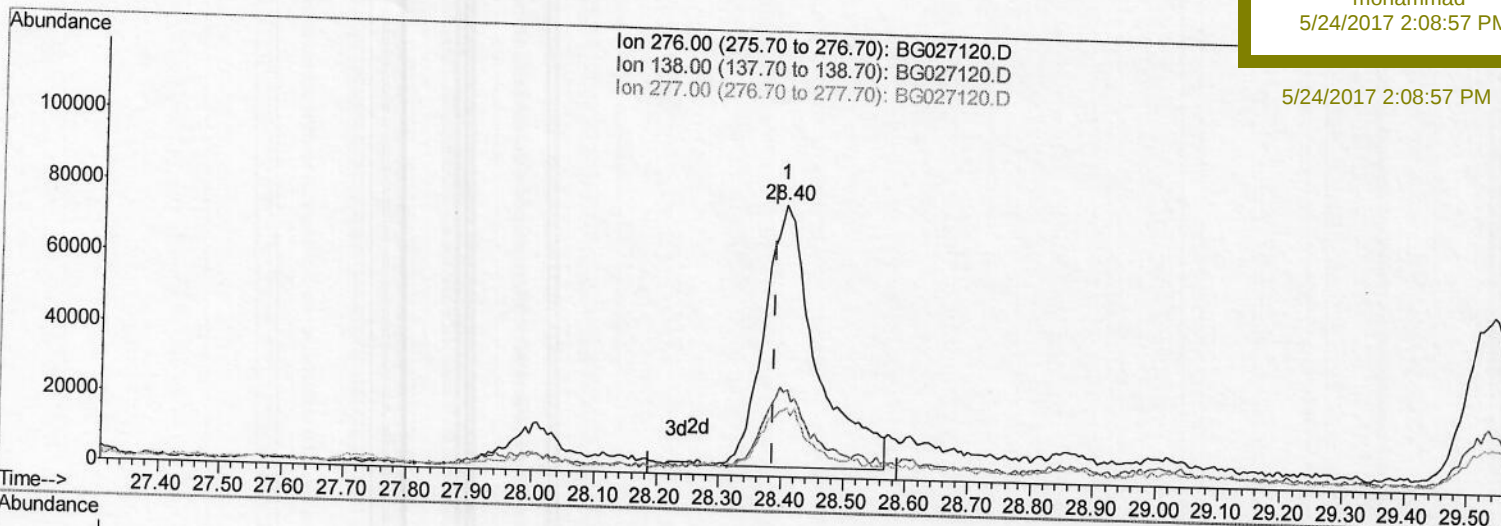
Quant Time: May 24 08:31:14 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 24 01:50:08 2017
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 DAC90

Manual Integrations
 APPROVED

mohammad
 5/24/2017 2:08:57 PM

5/24/2017 2:08:57 PM



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

28.401min (+0.013) 11.19ng/ul m

response 441583

Ion Exp% Act%

276.00 100 100

138.00 18.00 31.40#

277.00 22.50 24.39

0.00 0.00 0.00

9.9
 05/30/17

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052417\
 Data File : BG027120.D
 Acq On : 24 May 2017 7:43
 Operator : SJ/MA
 Sample : I3276-16
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

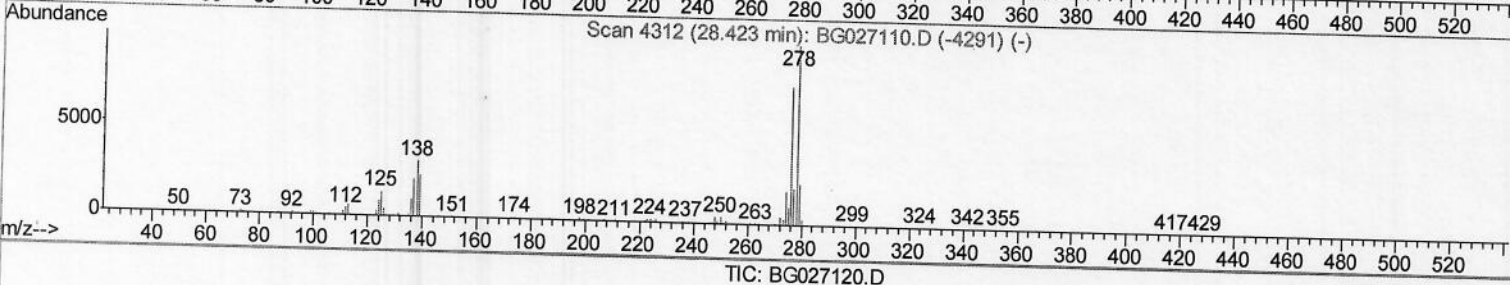
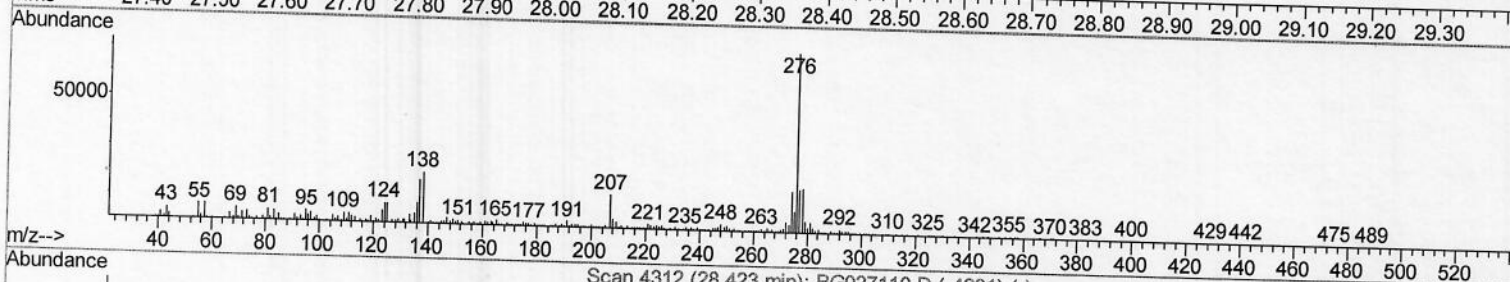
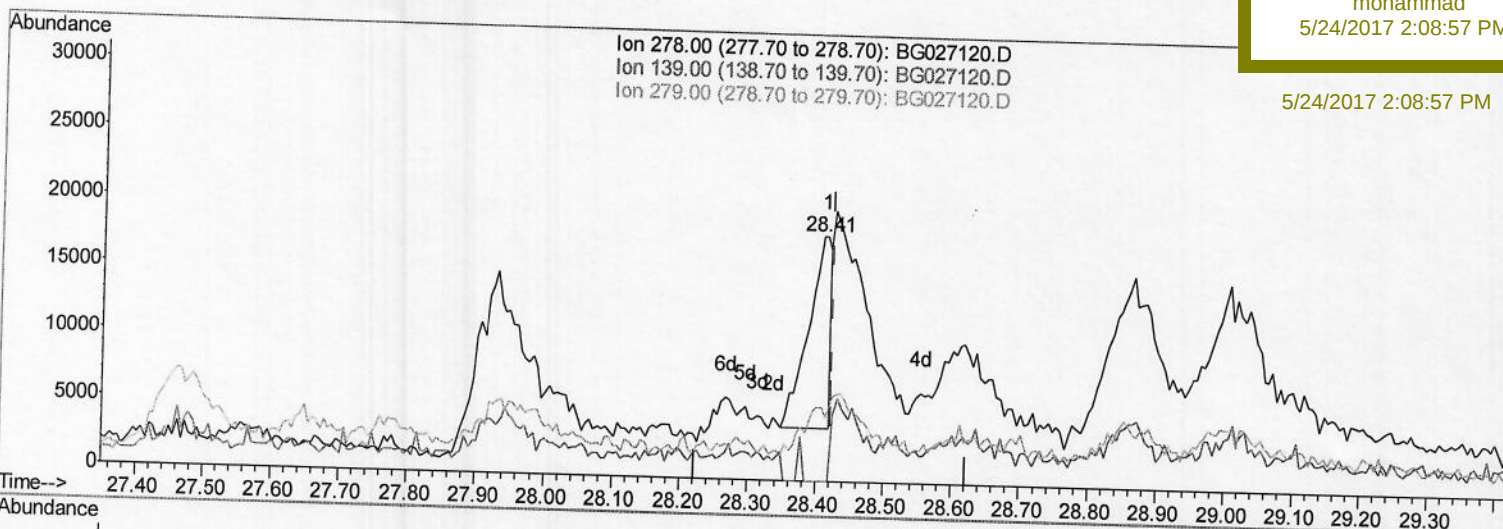
Instrument :
 BNA_G
 ClientSampleId :
 DAC90

Quant Time: May 24 08:31:14 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 24 01:50:08 2017
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 5/24/2017 2:08:57 PM

5/24/2017 2:08:57 PM



(28) Dibenzo(a,h)anthracene

28.413min (-0.010) 0.96ng/ul

response 32596

Ion	Exp%	Act%
278.00	100	100
139.00	15.30	0.00#
279.00	24.00	25.80
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052417\
 Data File : BG027120.D
 Acq On : 24 May 2017 7:43
 Operator : SJ/MA
 Sample : I3276-16
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :

BNA_G

Client Sample ID :

DAC90

Manual Integrations

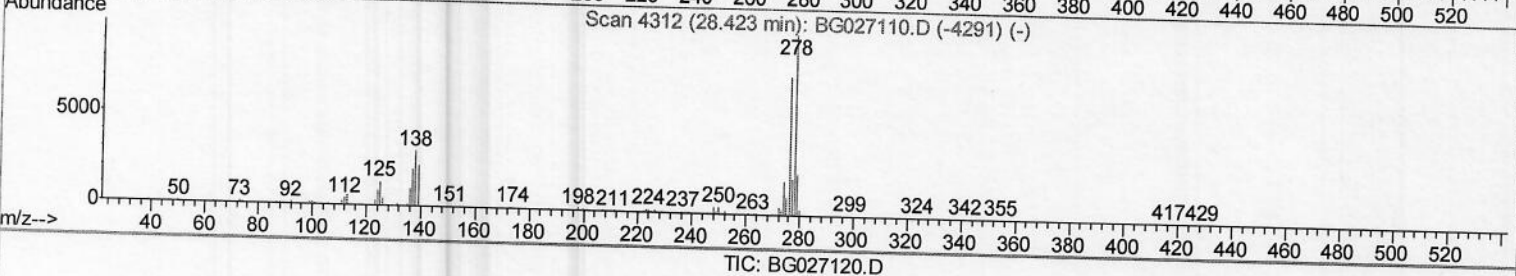
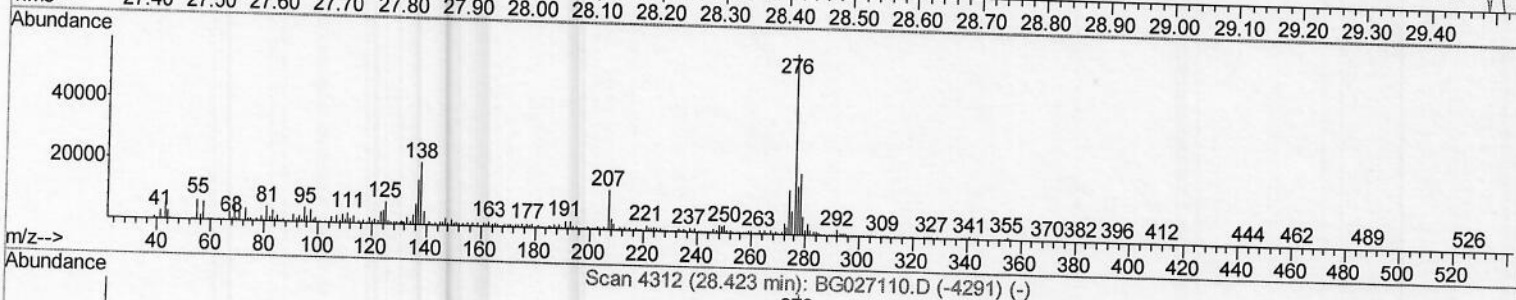
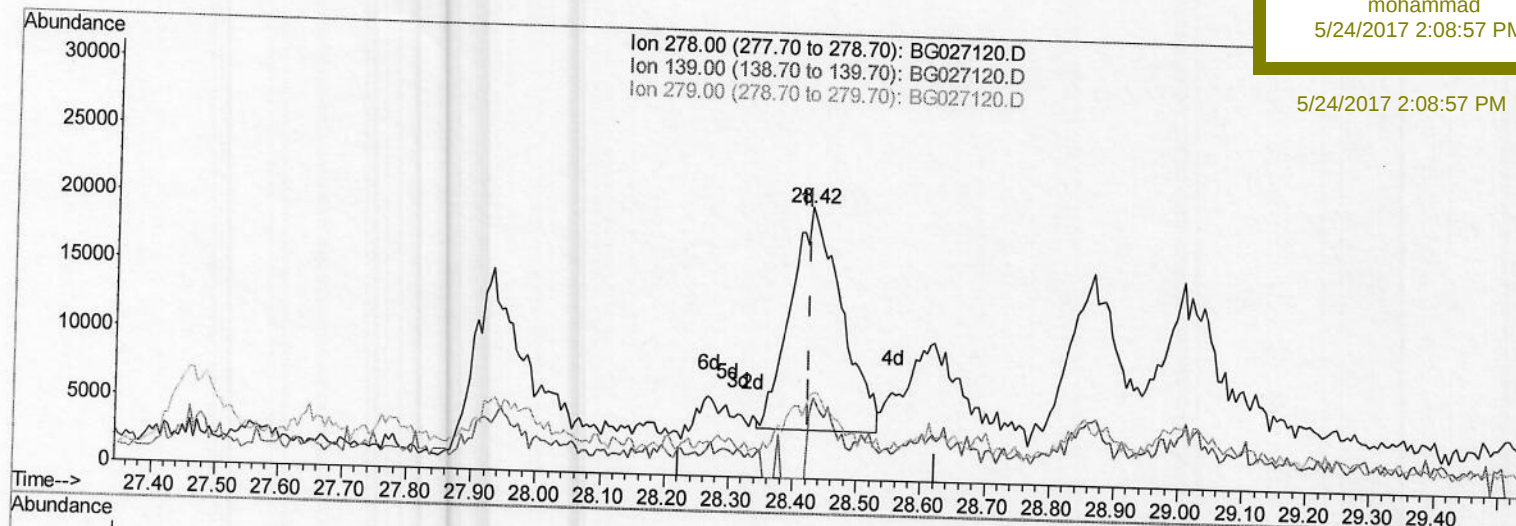
APPROVED

mohammad

5/24/2017 2:08:57 PM

5/24/2017 2:08:57 PM

Quant Time: May 24 08:31:14 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 24 01:50:08 2017
 Response via : Initial Calibration



(28) Dibenzo(a,h)anthracene

28.425min (+0.002) 2.66ng/ul m

response 90537

Ion Exp% Act%

278.00 100 100

139.00 15.30 24.13#

279.00 24.00 30.91#

0.00 0.00 0.00

5.7
05/30/17

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052417\
 Data File : BG027120.D
 Acq On : 24 May 2017 7:43
 Operator : SJ/MA
 Sample : I3276-16
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

DAC90

Manual Integrations

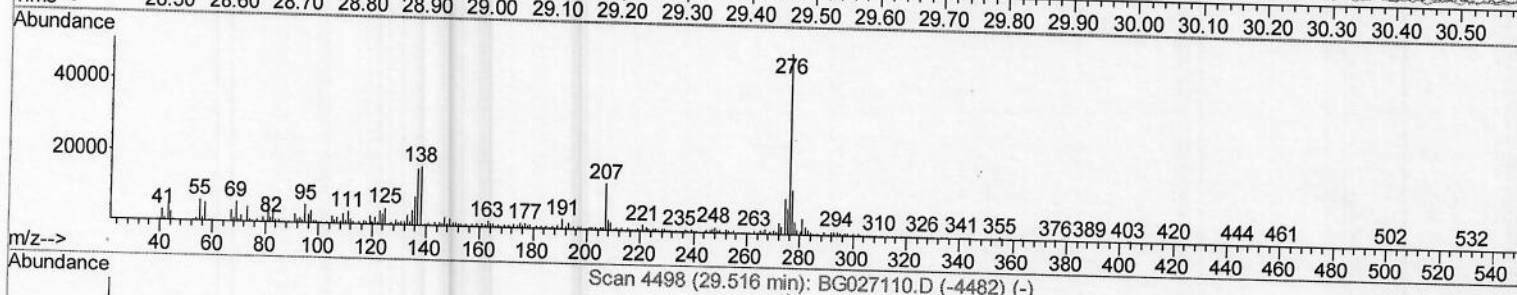
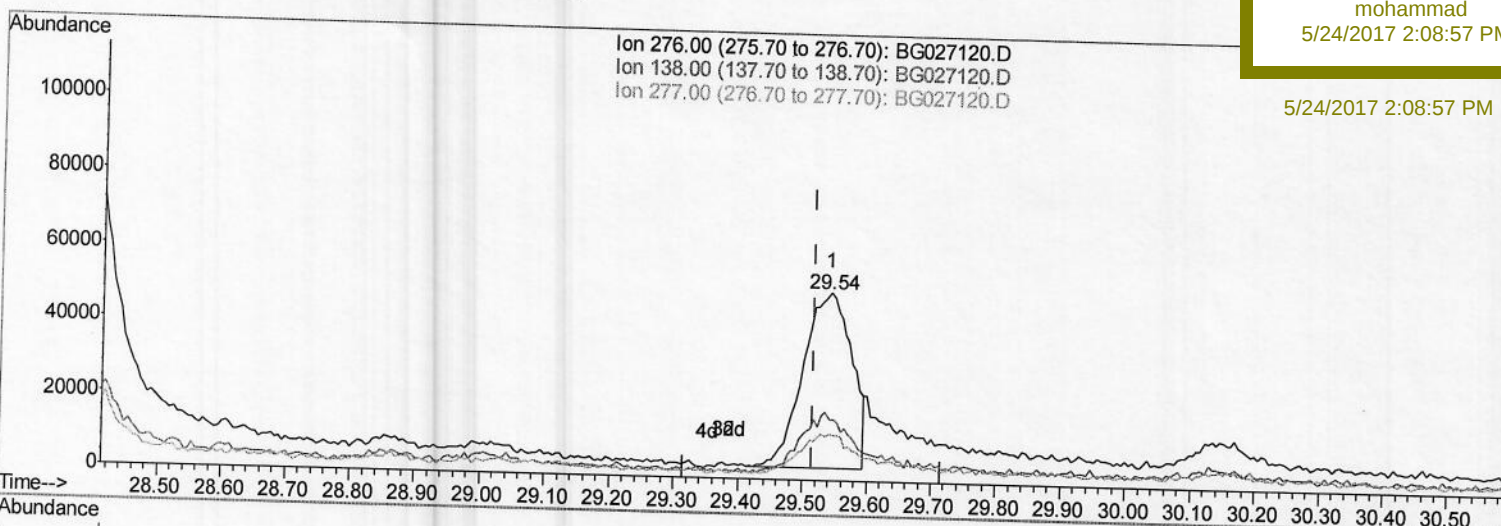
APPROVED

mohammad

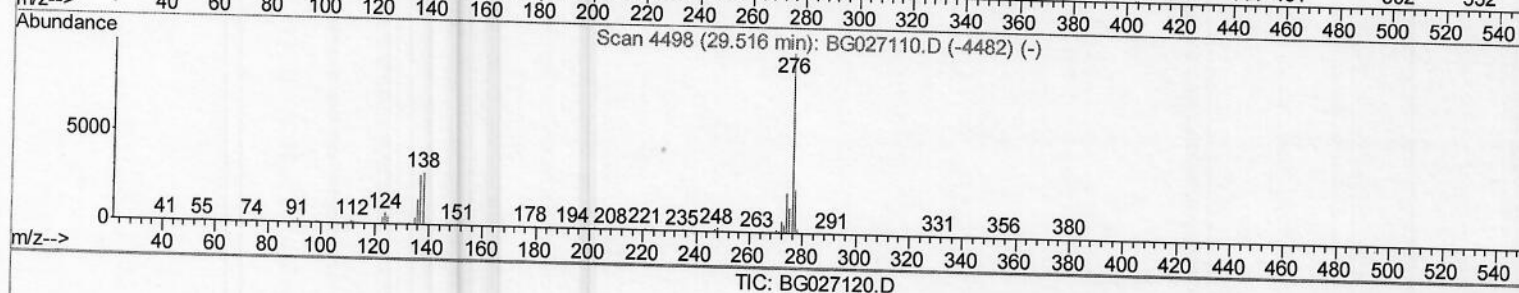
5/24/2017 2:08:57 PM

5/24/2017 2:08:57 PM

Quant Time: May 24 08:31:14 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 24 01:50:08 2017
 Response via : Initial Calibration



Scan 4498 (29.516 min): BG027110.D (-4482) (-)



TIC: BG027120.D

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

29.541min (+0.025) 7.98ng/ul

response 250649

Ion	Exp%	Act%
276.00	100	100
138.00	19.10	32.82#
277.00	23.70	24.85
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052417\
 Data File : BG027120.D
 Acq On : 24 May 2017 7:43
 Operator : SJ/MA
 Sample : I3276-16
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

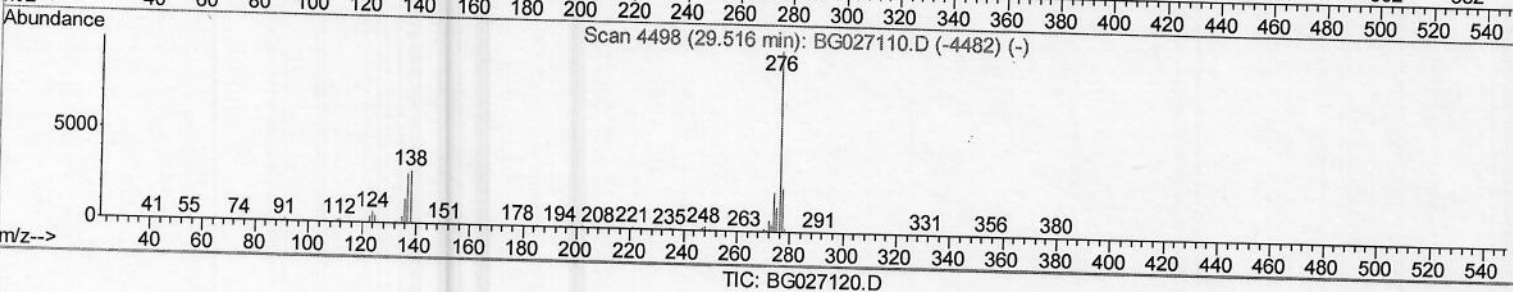
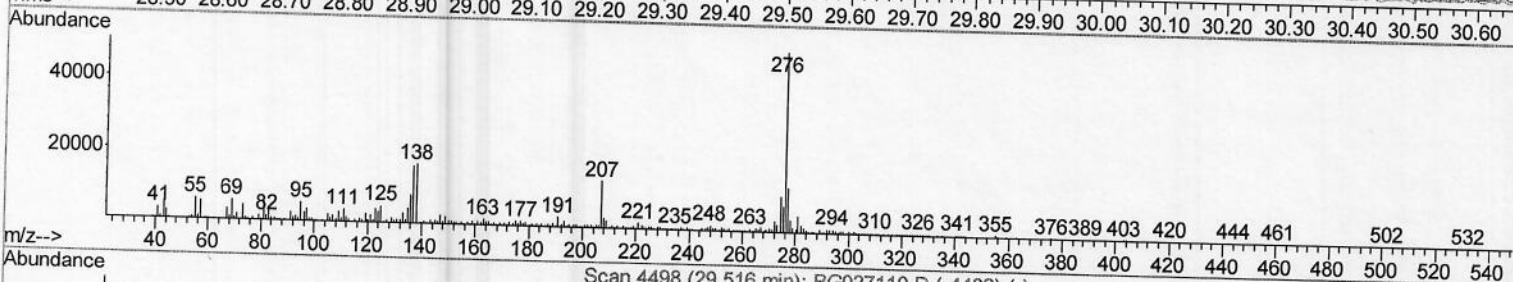
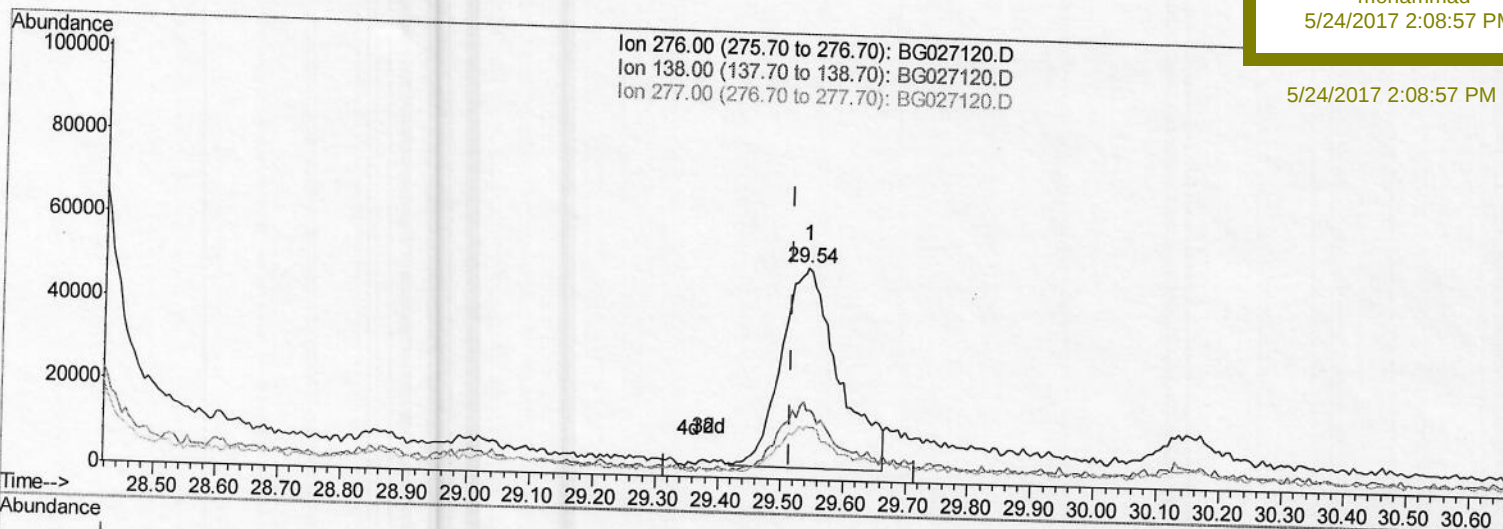
Instrument :
 BNA_G
 ClientSampleId :
 DAC90

Quant Time: May 24 08:31:14 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 24 01:50:08 2017
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 5/24/2017 2:08:57 PM

5/24/2017 2:08:57 PM



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

29.541min (+0.025) 9.82ng/ul m

response 308285

Ion Exp% Act%

276.00 100 100

138.00 19.10 32.82#

277.00 23.70 24.85

0.00 0.00 0.00

> 5.9
 05/30/17

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052417\
 Data File : BG027120.D
 Acq On : 24 May 2017 7:43
 Operator : SJ/MA
 Sample : I3276-16
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sampled :
 DAC90

Manual Integrations
 APPROVED

mohammad
 5/24/2017 2:08:57 PM

5/24/2017 2:08:57 PM

Quant Time: May 24 08:33:13 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 24 01:50:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	221868	20.00	ng/ul	0.00
2) Naphthalene-d8	10.80	136	1023091	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	524757	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.36	188	944907	20.00	ng/ul	0.00
17) Chrysene-d12	21.61	240	829971	20.00	ng/ul	0.00
22) Perylene-d12	24.78	264	738167	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.31	160	1233159	22.91	ng/ul	0.00
10) Fluorene-d10	15.60	176	772306	21.51	ng/ul	0.00
14) Anthracene-d10	17.46	188	1026850m	22.29	ng/ul	0.00
18) Pvrene-d10	19.74	212	988334	22.81	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.56	264	836758	22.81	ng/ul	0.00
Target Compounds						
13) Phenanthrene	17.40	178	805286	15.25	ng/ul	97
15) Anthracene	17.49	178	161124	2.97	ng/ul	98
16) Fluoranthene	19.41	202	1747230	32.35	ng/ul#	89
19) Pyrene	19.77	202	1542484	28.43	ng/ul#	85
20) Benzo(a)anthracene	21.59	228	878572	17.57	ng/ul	95
21) Chrysene	21.66	228	835276	18.19	ng/ul	97
23) Benzo(b)fluoranthene	23.78	252	1195700	27.25	ng/ul#	92
24) Benzo(k)fluoranthene	23.83	252	510189m	11.31	ng/ul	
26) Benzo(a)pyrene	24.63	252	759224	17.69	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	28.40	276	441583m	11.19	ng/ul	
28) Dibenzo(a,h)anthracene	28.42	278	90537m	2.66	ng/ul	
29) Benzo(a,h,i)perylene	29.54	276	308285m	9.82	ng/ul	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052417\
 Data File : BG027120.D
 Acq On : 24 May 2017 7:43
 Operator : SJ/MA
 Sample : I3276-16
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sample ID :
 DAC90

Manual Integrations
 APPROVED

mohammad
 5/24/2017 2:08:57 PM

5/24/2017 2:08:57 PM

Quant Time: May 24 08:33:13 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 24 01:50:08 2017
 Response via : Initial Calibration

