

Quantitation Report (Qedit)

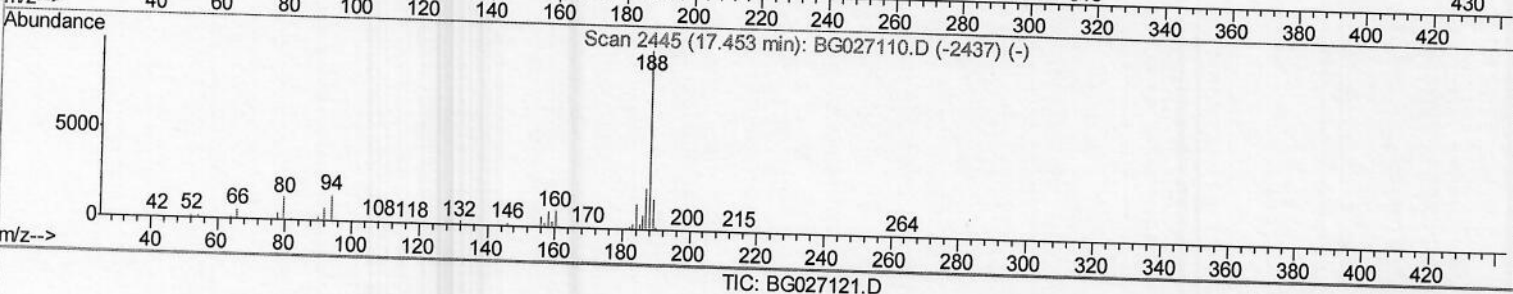
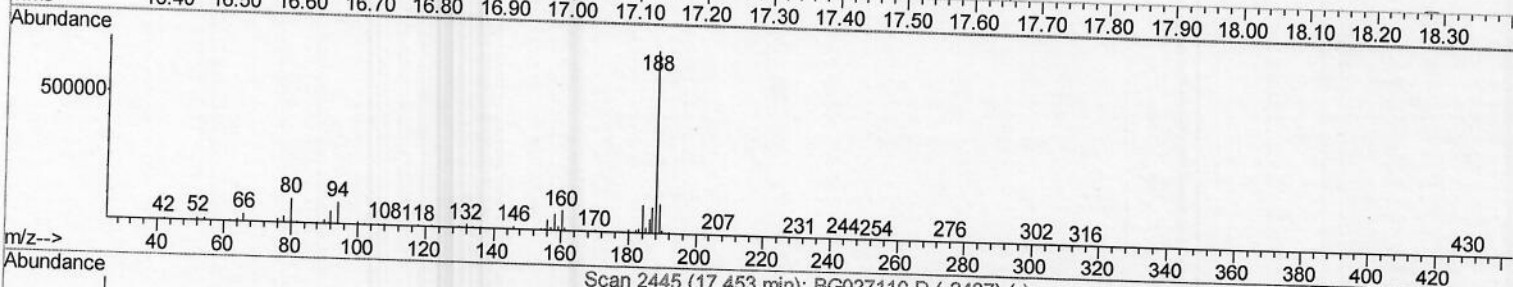
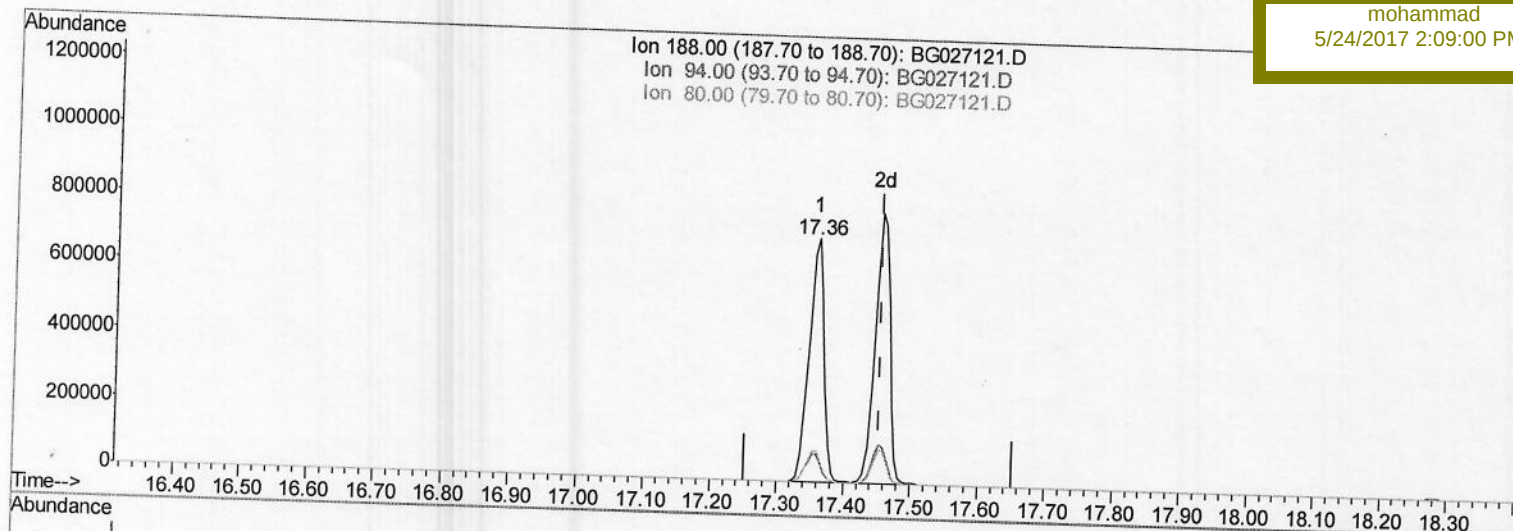
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052417\
 Data File : BG027121.D
 Acq On : 24 May 2017 8:22
 Operator : SJ/MA
 Sample : I3276-18
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAC92

Manual Integrations
 APPROVED

mohammad
 5/24/2017 2:09:00 PM

Quant Time: May 24 11:59:18 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)

17.358min (-0.095) 20.51ng/ul

response 1102561

Ion	Exp%	Act%
188.00	100	100
94.00	11.10	11.67
80.00	11.80	13.27
0.00	0.00	0.00

Quantitation Report (Qedit)

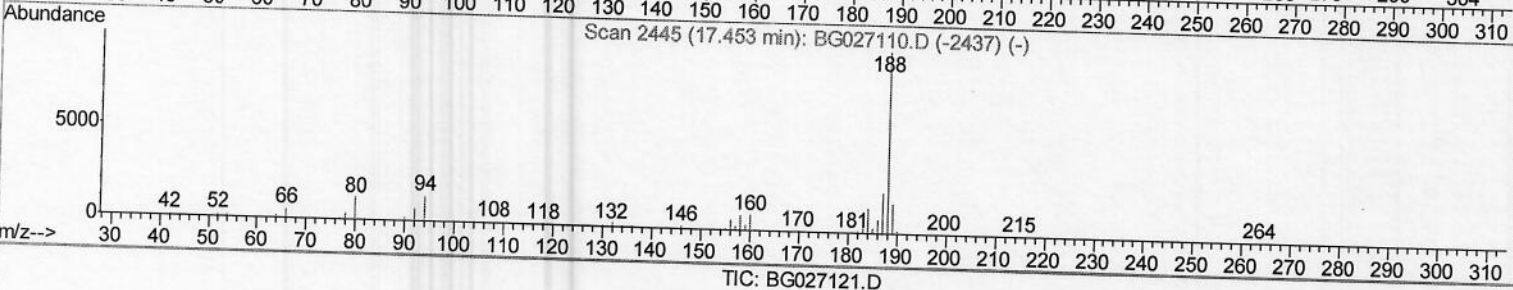
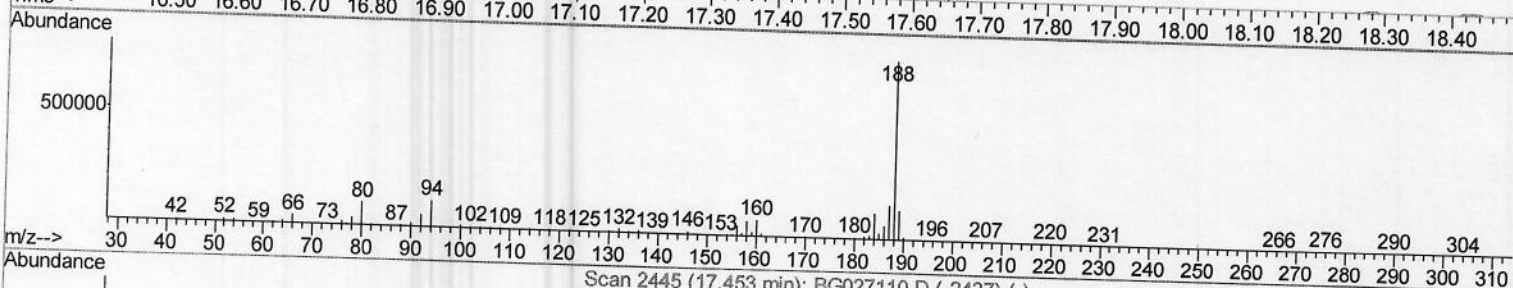
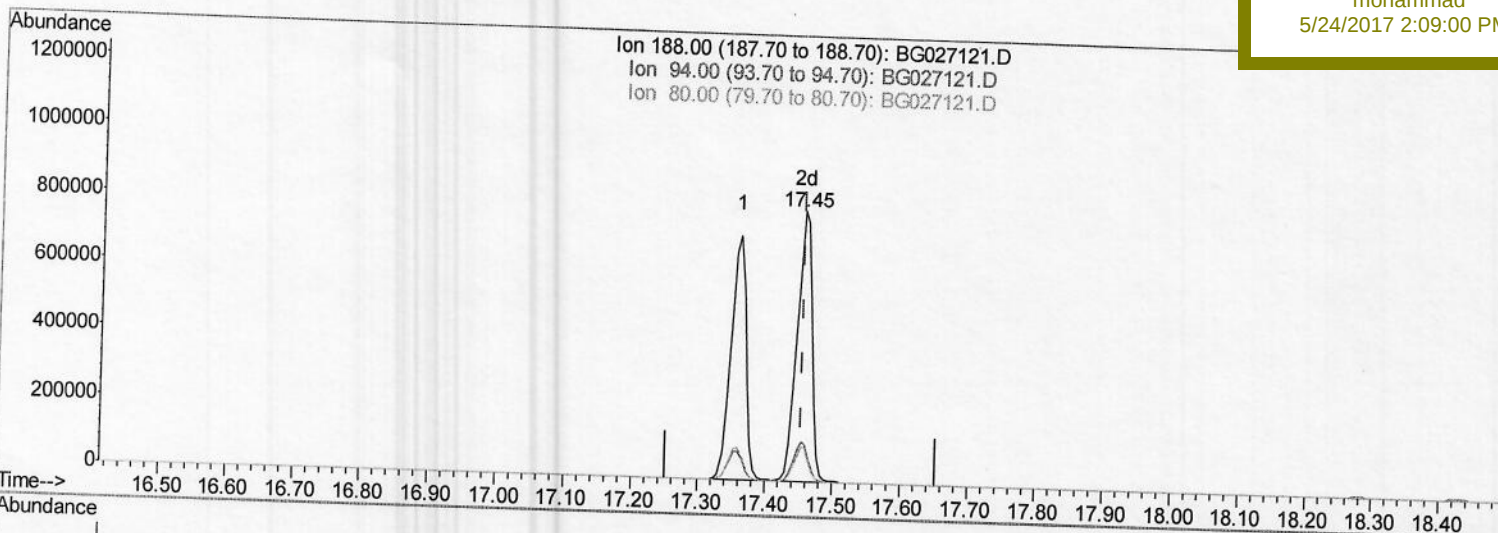
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052417\
 Data File : BG027121.D
 Acq On : 24 May 2017 8:22
 Operator : SJ/MA
 Sample : I3276-18
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAC92

Manual Integrations
 APPROVED

mohammad
 5/24/2017 2:09:00 PM

Quant Time: May 24 11:59:18 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)

17.452min (-0.001) 22.51ng/ul m

response 1210240

Ion Exp% Act%

188.00 100 100

94.00 11.10 14.57#

80.00 11.80 12.86

0.00 0.00 0.00

> 5.7
 05/30/17

Quantitation Report (Qedit)

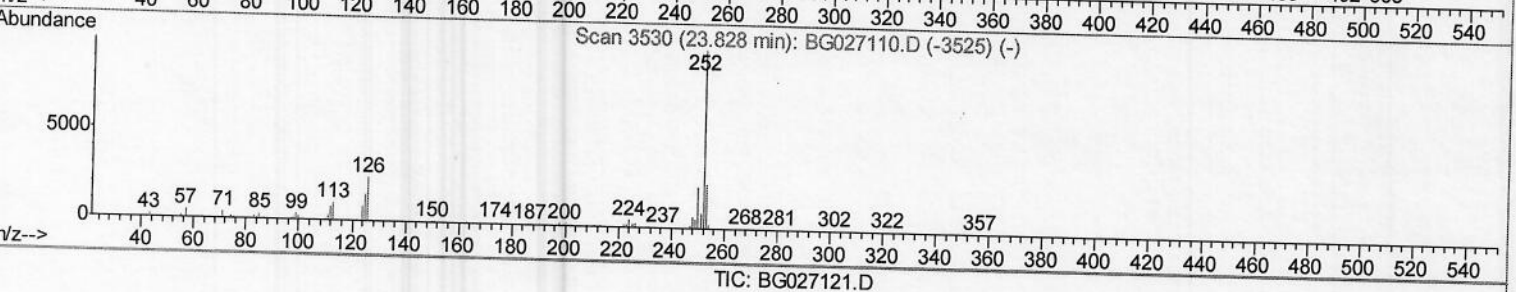
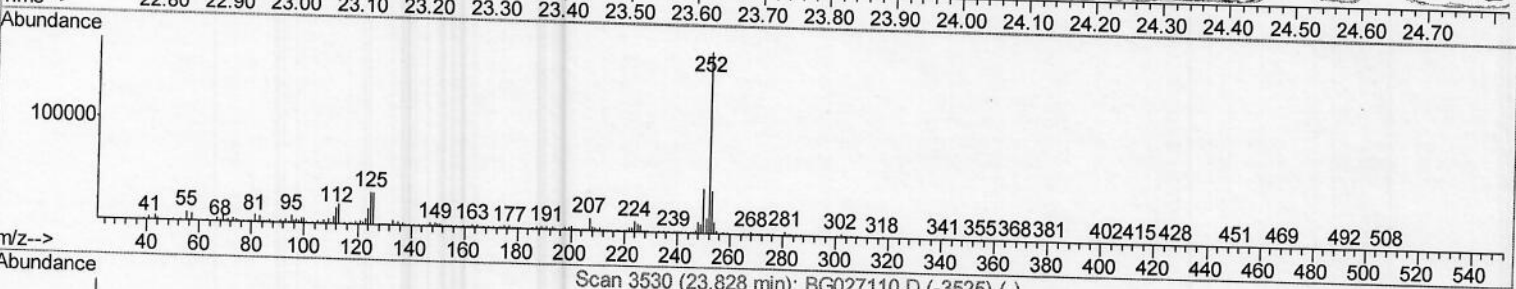
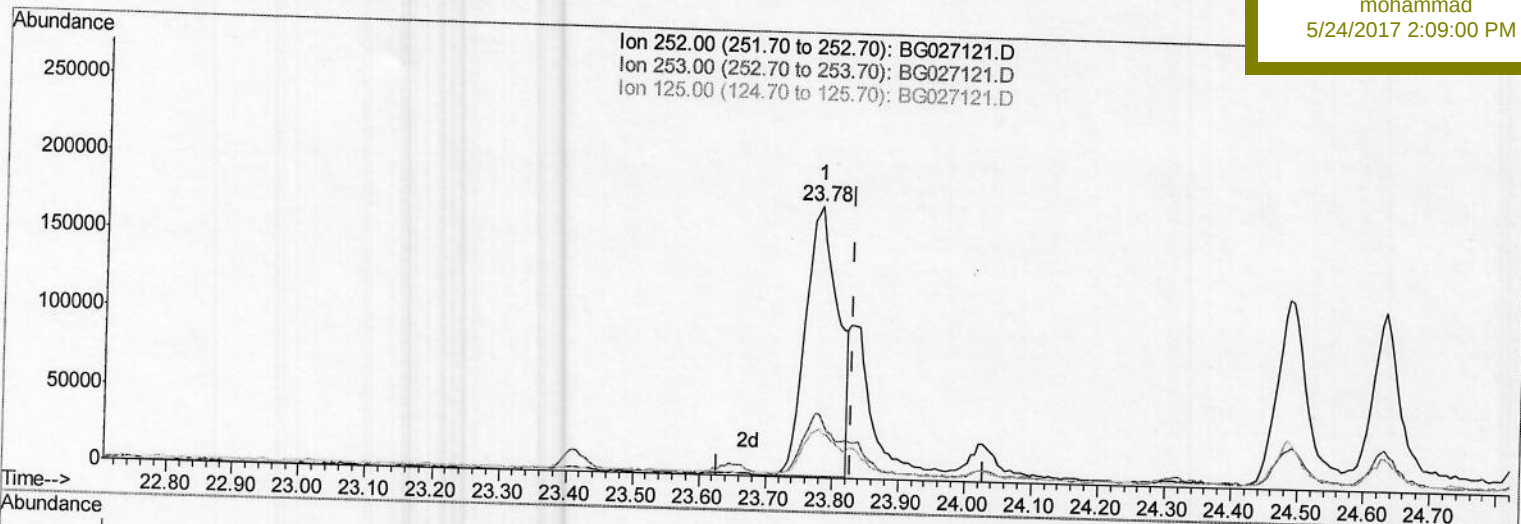
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052417\
 Data File : BG027121.D
 Acq On : 24 May 2017 8:22
 Operator : SJ/MA
 Sample : I3276-18
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAC92

Quant Time: May 24 11:59:18 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 2:09:00 PM



(24) Benzo(k)fluoranthene
 23.780min (-0.048) 10.91ng/ul
 response 598410

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.72
125.00	10.10	18.15#
0.00	0.00	0.00

Quantitation Report (Qedit)

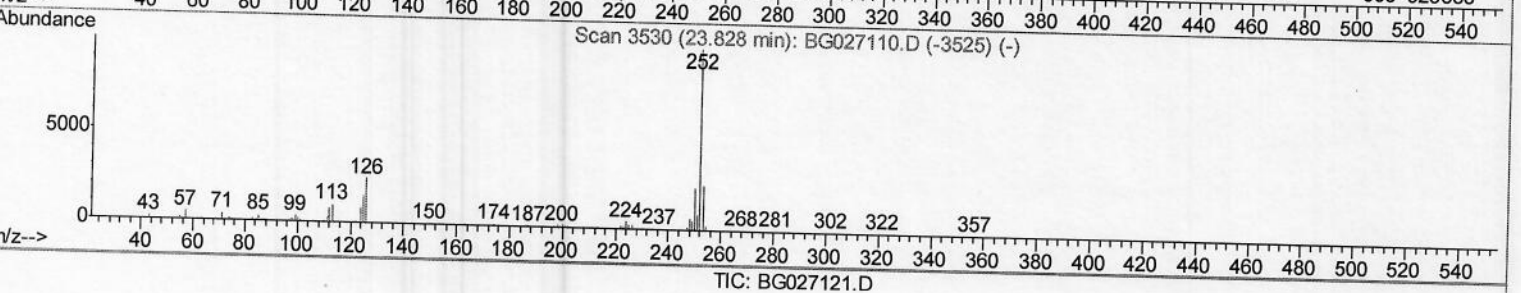
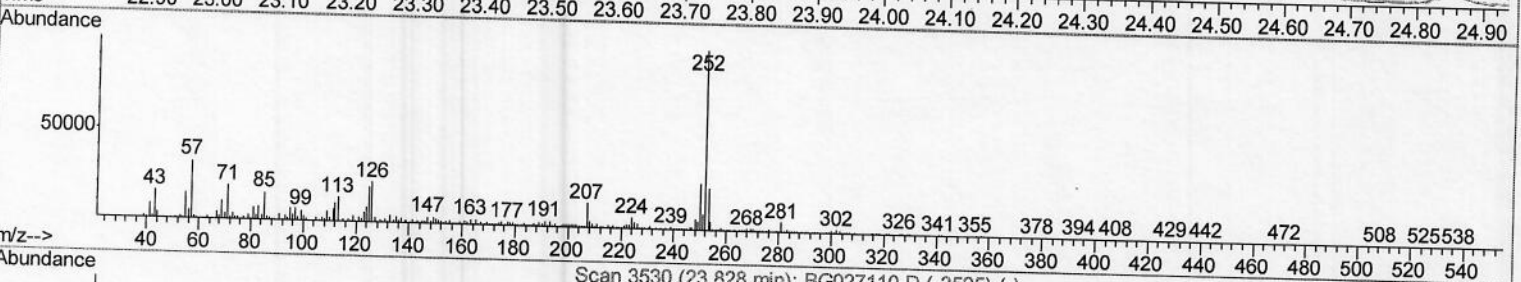
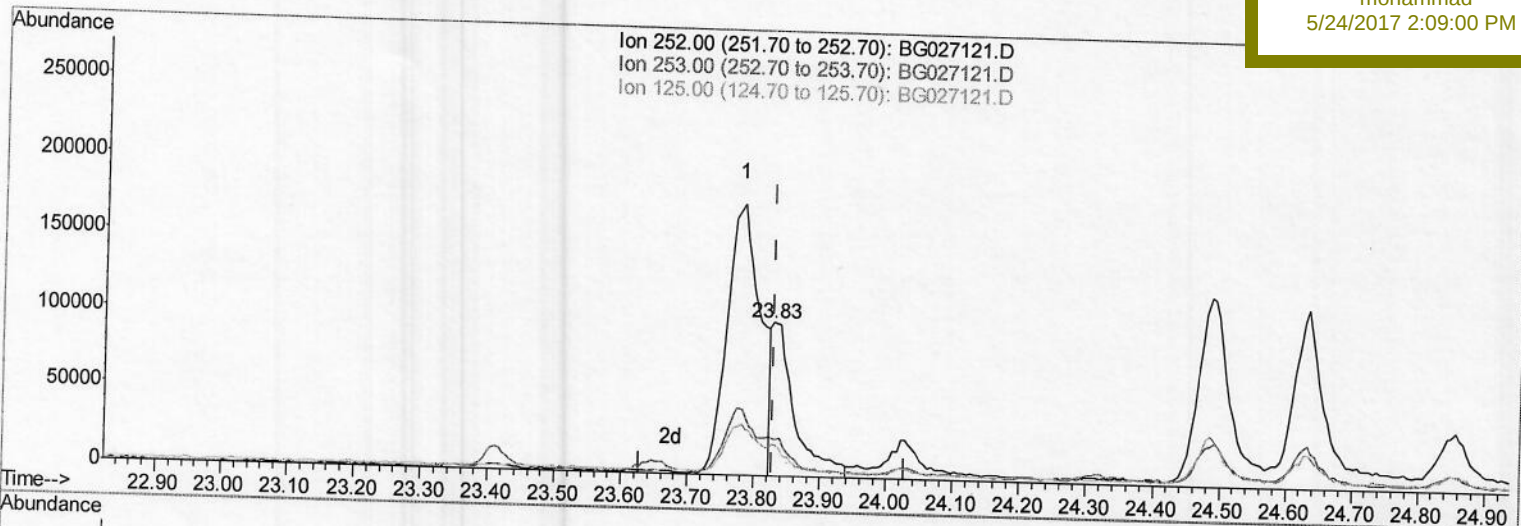
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052417\
 Data File : BG027121.D
 Acq On : 24 May 2017 8:22
 Operator : SJ/MA
 Sample : I3276-18
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Quant Time: May 24 11:59:18 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 :
 DAC92

Manual Integrations
 APPROVED

mohammad
 5/24/2017 2:09:00 PM



(24) Benzo(k)fluoranthene

23.827min (-0.001) 4.40ng/ul m

response 241294

Ion Exp% Act%

252.00 100 100

253.00 22.50 23.24

125.00 10.10 20.23#

0.00 0.00 0.00

29.7
 05/30/17

Quantitation Report (Qedit)

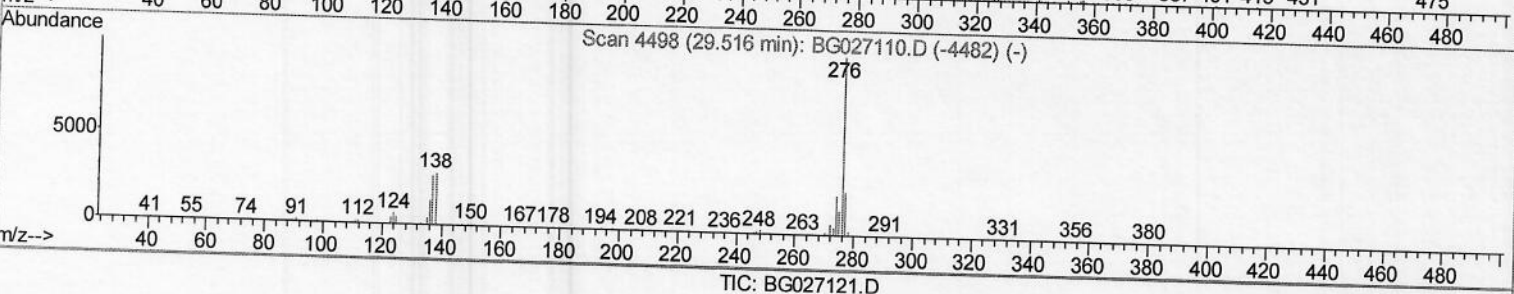
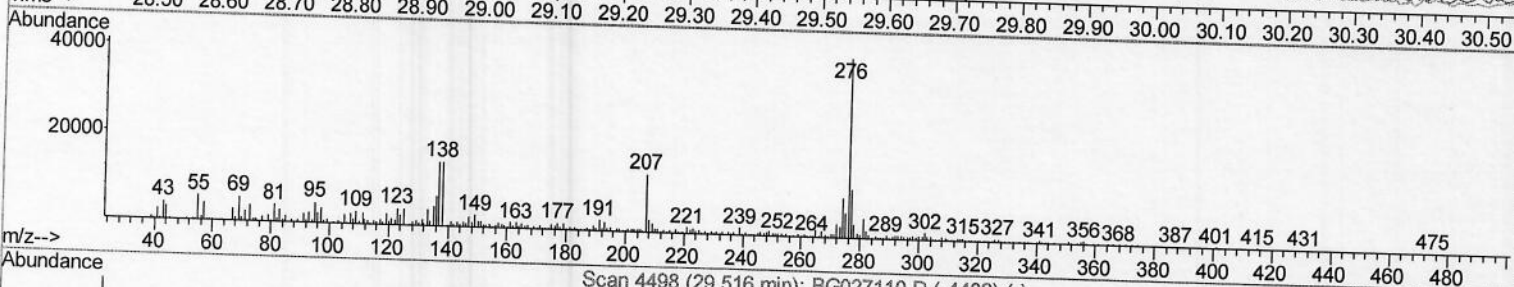
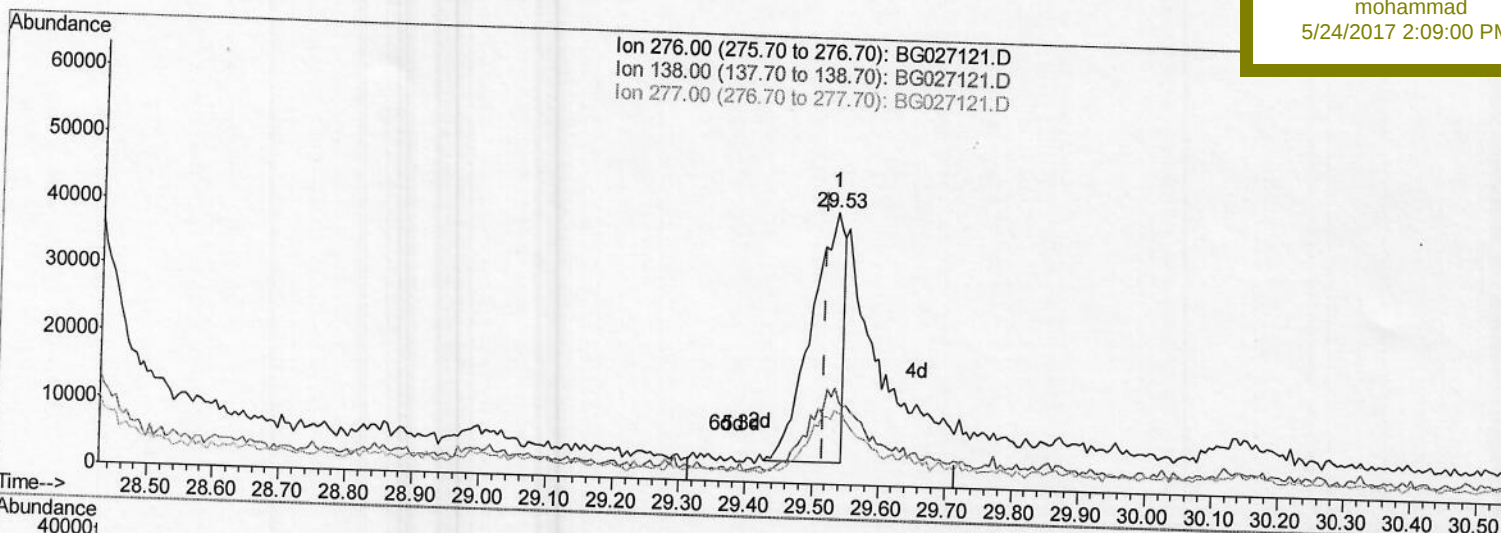
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052417\
 Data File : BG027121.D
 Acq On : 24 May 2017 8:22
 Operator : SJ/MA
 Sample : I3276-18
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAC92

Manual Integrations
 APPROVED

mohammad
 5/24/2017 2:09:00 PM

Quant Time: May 24 11:59:18 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



(29) Benzo(g,h,i)perylene
 29.532min (+0.016) 3.34ng/ul
 response 127617

Ion	Exp%	Act%
276.00	100	100
138.00	19.10	35.43#
277.00	23.70	27.29
0.00	0.00	0.00

Quantitation Report (Qedit)

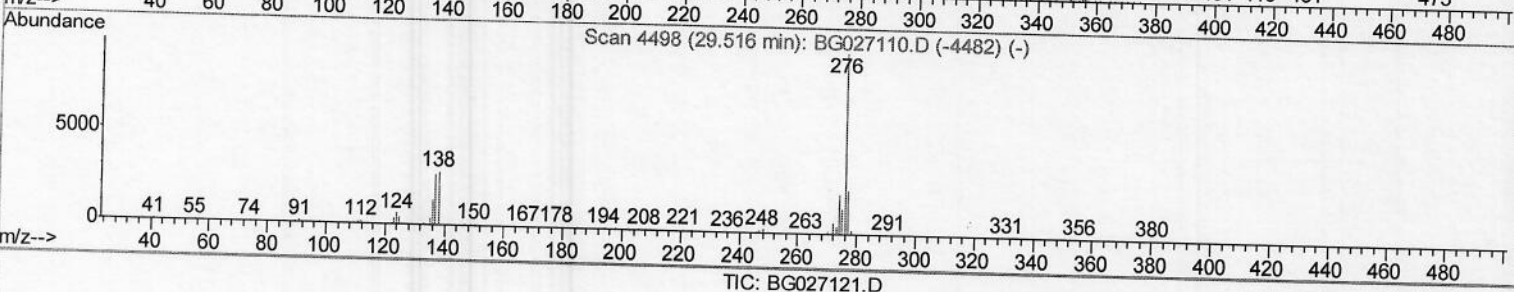
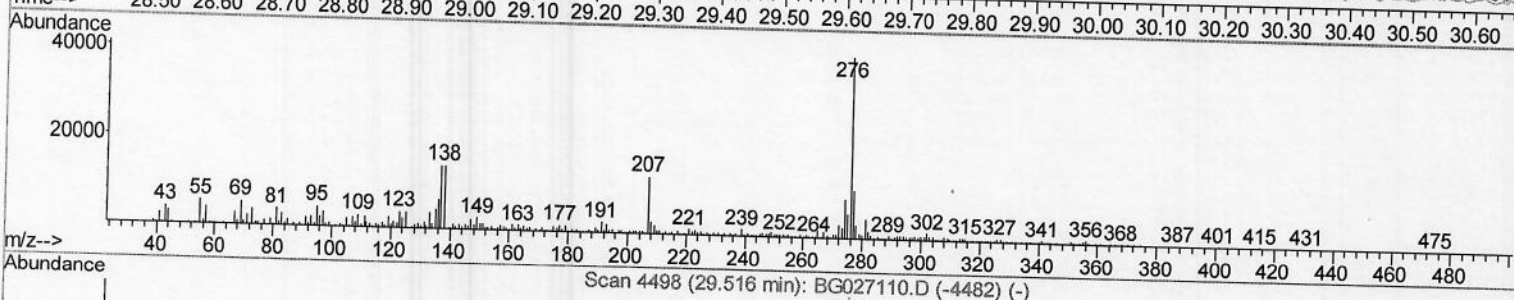
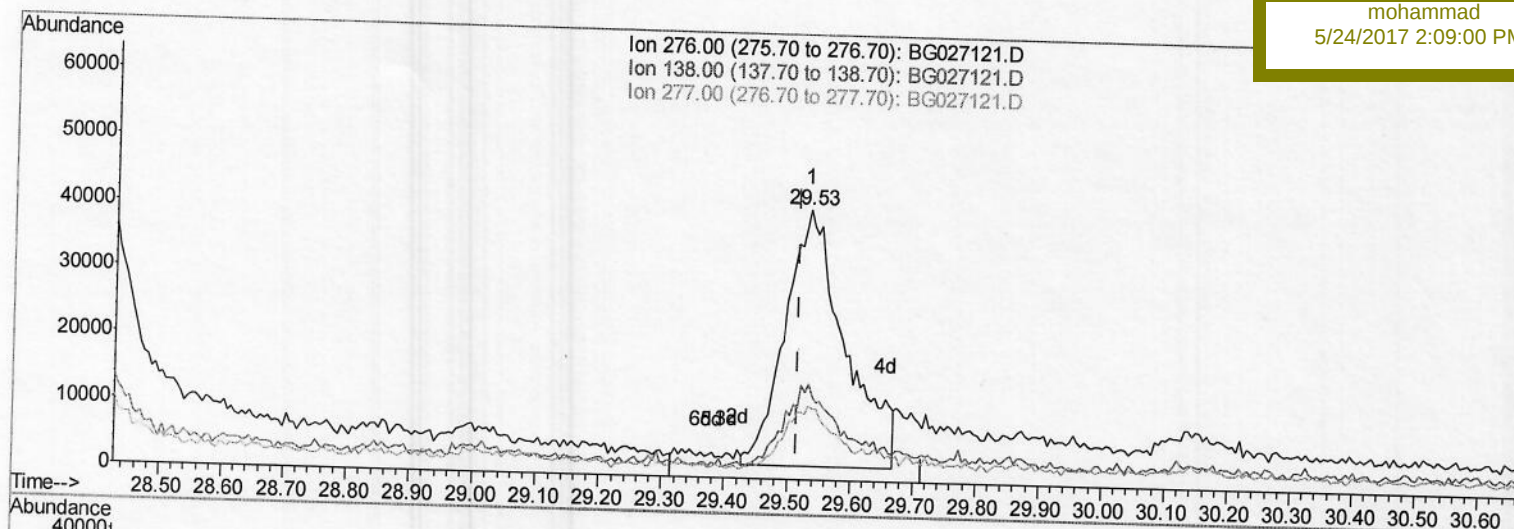
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052417\
 Data File : BG027121.D
 Acq On : 24 May 2017 8:22
 Operator : SJ/MA
 Sample : I3276-18
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAC92

Manual Integrations
 APPROVED

mohammad
 5/24/2017 2:09:00 PM

Quant Time: May 24 11:59:18 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



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

29.532min (+0.016) 6.71ng/ul m

response 256078

Ion	Exp%	Act%
276.00	100	100
138.00	19.10	35.43#
277.00	23.70	27.29
0.00	0.00	0.00

> 5.7
 05/30/17

Quantitation Report (Qedit)

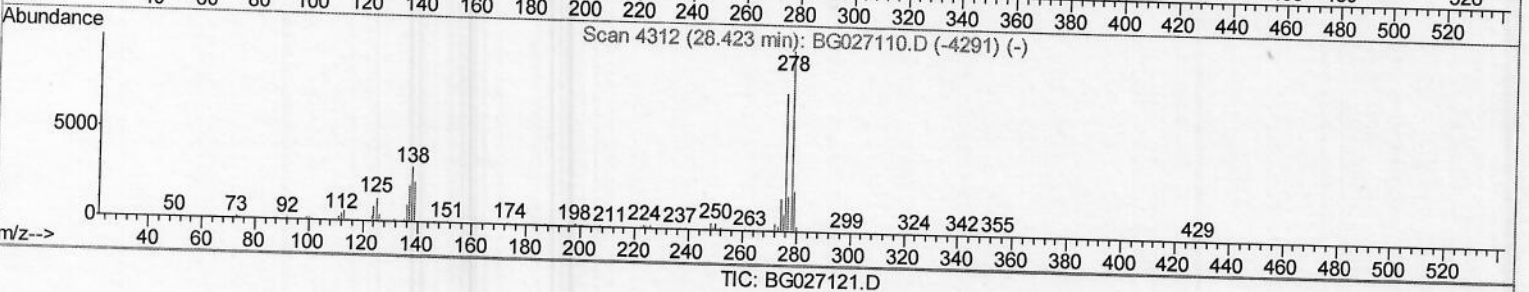
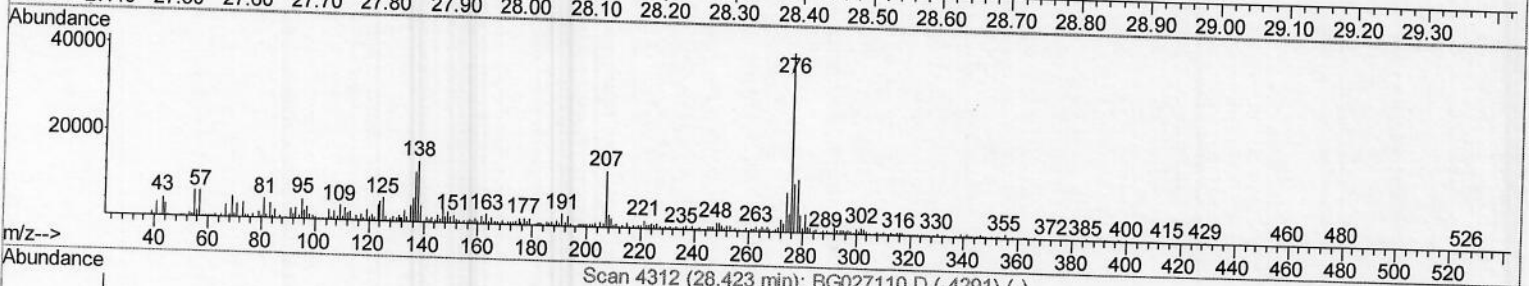
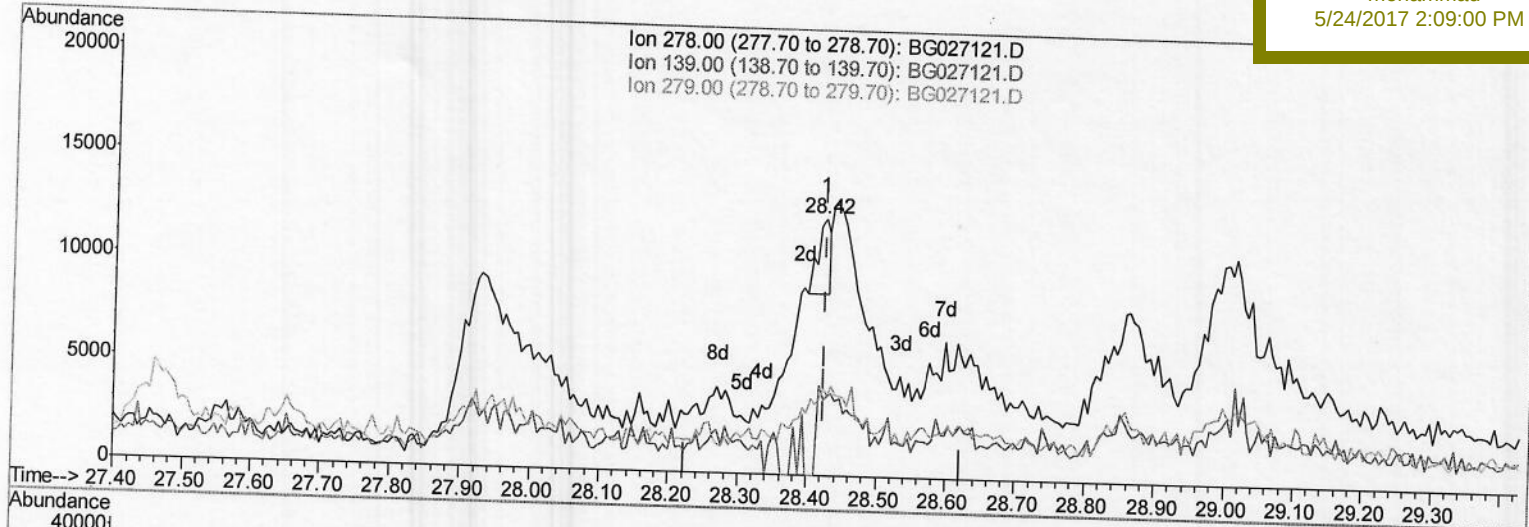
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052417\
 Data File : BG027121.D
 Acq On : 24 May 2017 8:22
 Operator : SJ/MA
 Sample : I3276-18
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sampled :
 DAC92

Manual Integrations
 APPROVED

mohammad
 5/24/2017 2:09:00 PM

Quant Time: May 24 12:02:00 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



TIC: BG027121.D

(28) Dibenzo(a,h)anthracene

28.422min (-0.001) 0.11ng/ul

response 4658

Ion	Exp%	Act%
278.00	100	100
139.00	15.30	29.89#
279.00	24.00	34.07#
0.00	0.00	0.00

Quantitation Report (Qedit)

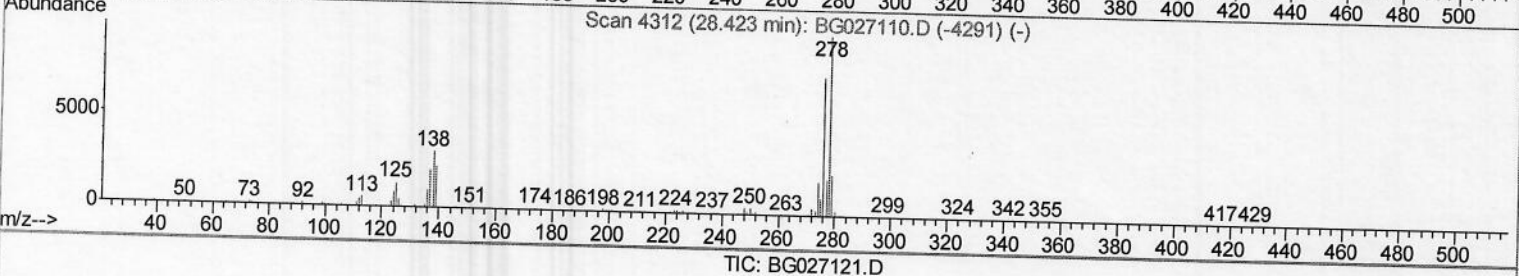
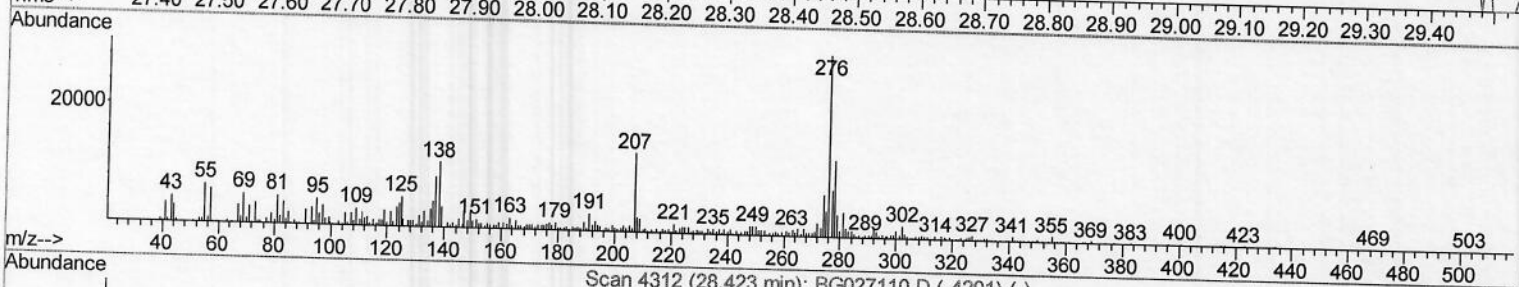
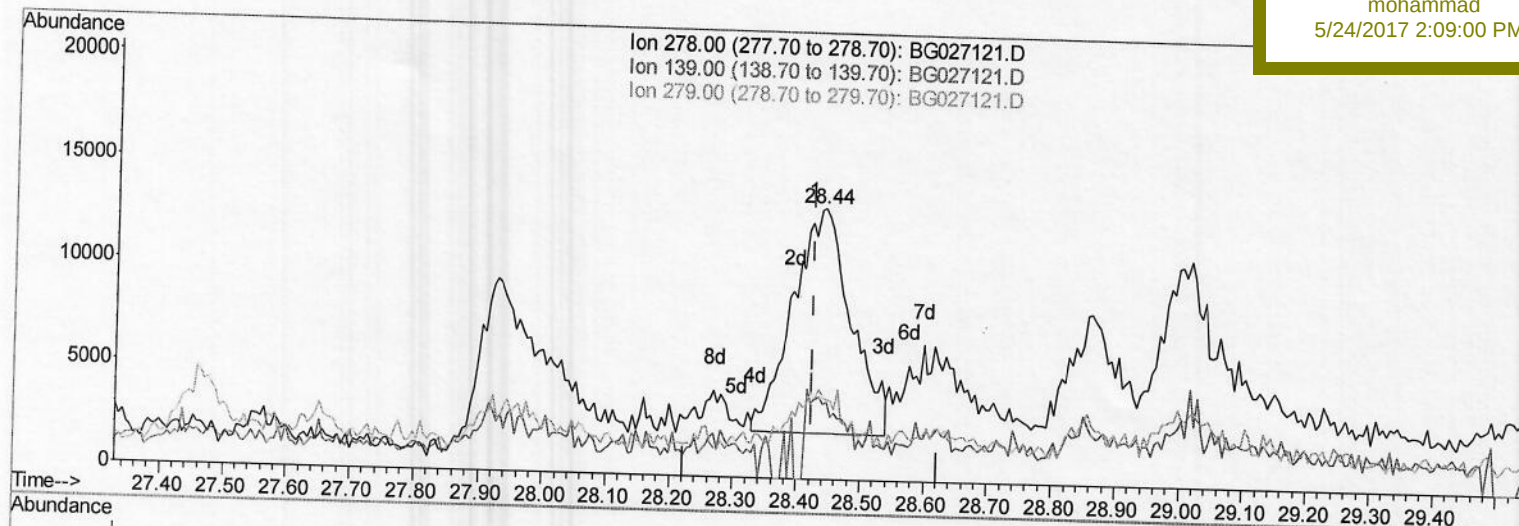
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052417\
 Data File : BG027121.D
 Acq On : 24 May 2017 8:22
 Operator : SJ/MA
 Sample : I3276-18
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sampled :
 DAC92

Manual Integrations
 APPROVED

mohammad
 5/24/2017 2:09:00 PM

Quant Time: May 24 12:02:00 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

28.439min (+0.016) 1.66ng/ul m

response 68958

> 9.7
 05/30/17

Ion	Exp%	Act%
278.00	100	100
139.00	15.30	27.62#
279.00	24.00	30.19#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG052417\
 Data File : BG027121.D
 Acq On : 24 May 2017 8:22
 Operator : SJ/MA
 Sample : I3276-18
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sample ID :
 DAC92

Manual Integrations
 APPROVED

mohammad
 5/24/2017 2:09:00 PM

Quant Time: May 24 12:02:47 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	8.00	152	256480	20.00	ng/ul	0.00
2) Naphthalene-d8	10.81	136	1204420	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	613941	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.36	188	1102561	20.00	ng/ul	0.00
17) Chrysene-d12	21.61	240	1016295	20.00	ng/ul	0.00
22) Perylene-d12	24.78	264	897403	20.00	ng/ul	0.01
System Monitoring Compounds						
7) Acenaphthylene-d8	14.31	160	1437131	22.82	ng/ul	0.00
10) Fluorene-d10	15.61	176	913463	21.74	ng/ul	0.00
14) Anthracene-d10	17.45	188	1210240m	22.51	ng/ul	0.00
18) Pyrene-d10	19.74	212	1185028	22.33	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.57	264	1050198	23.55	ng/ul	0.01
Target Compounds						
13) Phenanthrene	17.40	178	219270	3.56	ng/ul	96
16) Fluoranthene	19.40	202	446107	7.08	ng/ul#	93
19) Pyrene	19.77	202	403879	6.08	ng/ul#	90
20) Benzo(a)anthracene	21.59	228	232535	3.80	ng/ul	98
21) Chrysene	21.65	228	248203	4.42	ng/ul	96
23) Benzo(b)fluoranthene	23.78	252	598410	11.22	ng/ul#	91
24) Benzo(k)fluoranthene	23.83	252	241294m	4.40	ng/ul	
26) Benzo(a)pyrene	24.63	252	277132	5.31	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	28.39	276	281538	5.87	ng/ul#	83
28) Dibenzo(a,h)anthracene	28.44	278	68958m	1.66	ng/ul	
29) Benzo(g,h,i)perylene	29.53	276	256078m	6.71	ng/ul	

> 9.1
 05/30/17

} 9.1
 05/30/17

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

Data Path : Z:\HPCHEM1\BNA_G\Data\BG052417\
Data File : BG027121.D
Acq On : 24 May 2017 8:22
Operator : SJ/MA
Sample : I3276-18
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: May 24 12:02:47 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
Client Sampled :
DAC92

Manual Integrations
APPROVED

mohammad
5/24/2017 2:09:00 PM

