

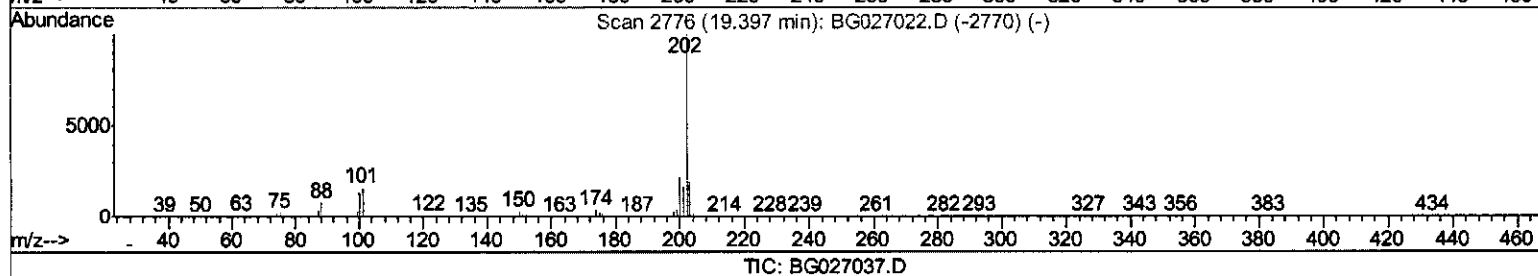
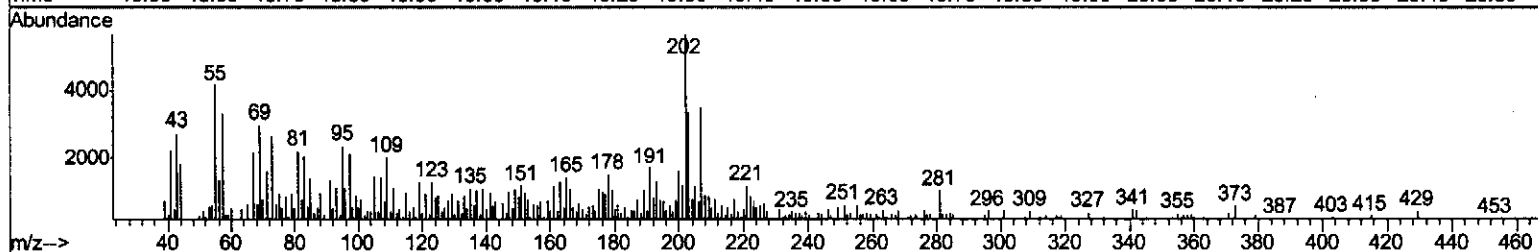
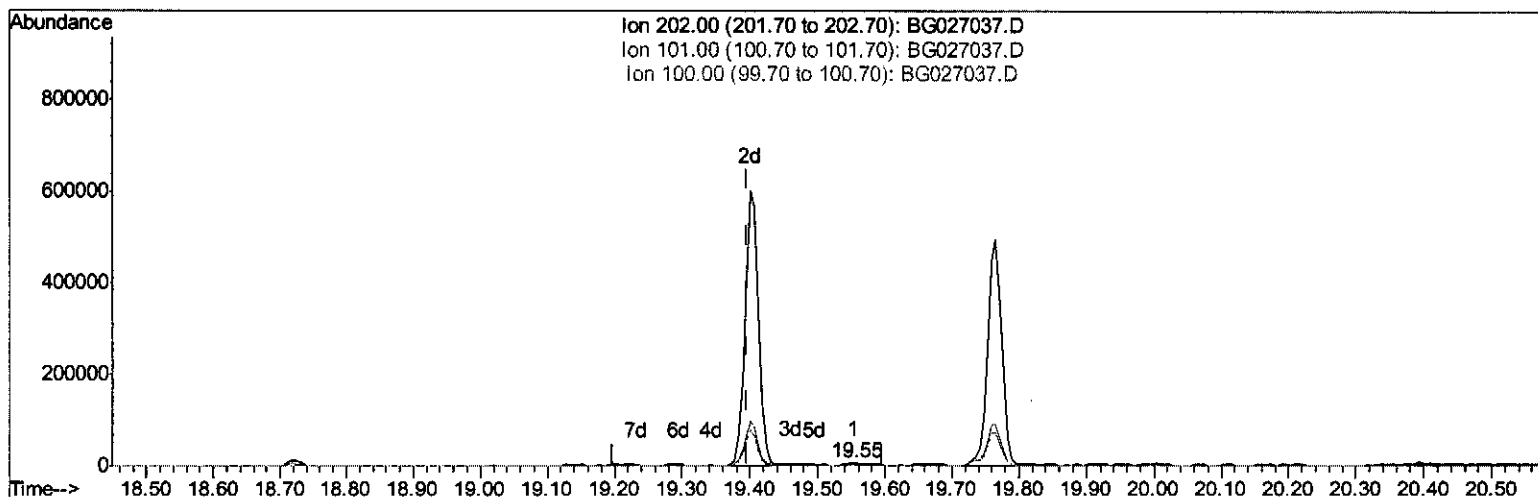
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051817\
Data File : BG027037.D
Acq On : 19 May 2017 13:04
Operator : SJ/MA
Sample : I3136-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
DAC14

Manual Integrations
APPROVED

mohammad
5/22/2017 11:05:24 AM

Quant Time: May 19 14:13:00 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 19 04:25:04 2017
Response via : Initial Calibration



(16) Fluoranthene (C)

19.554min (+0.157) 0.13ng/ul

response 6711

Ion	Exp%	Act%
202.00	100	100
101.00	12.40	13.44
100.00	9.20	8.65
0.00	0.00	0.00

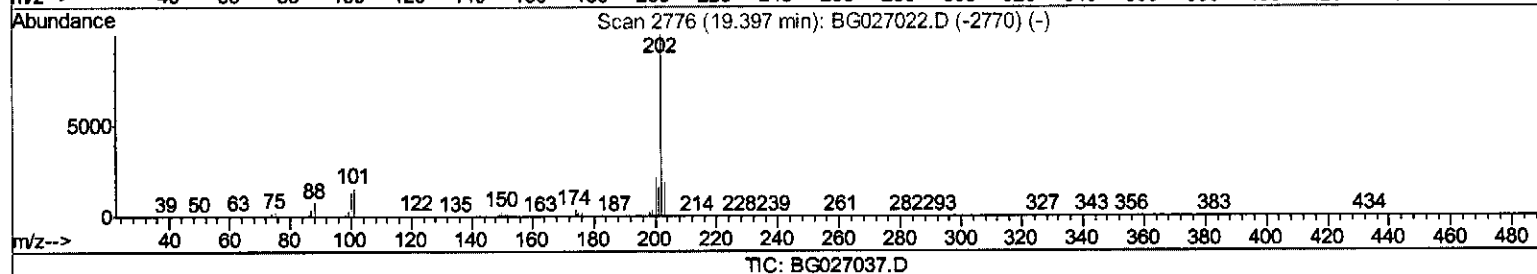
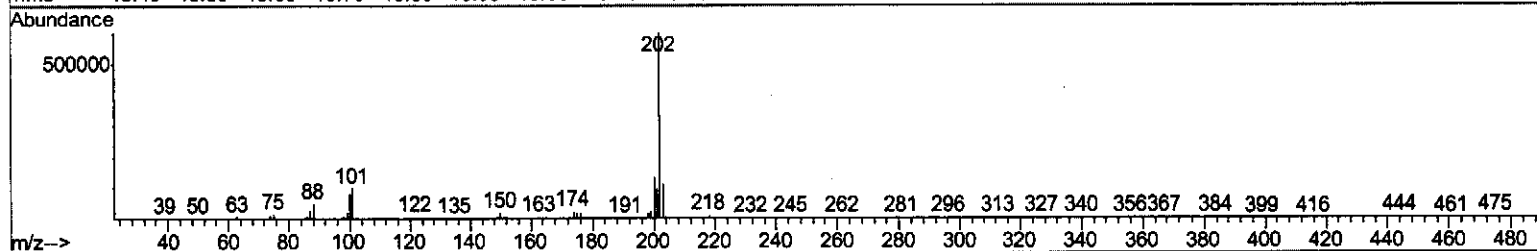
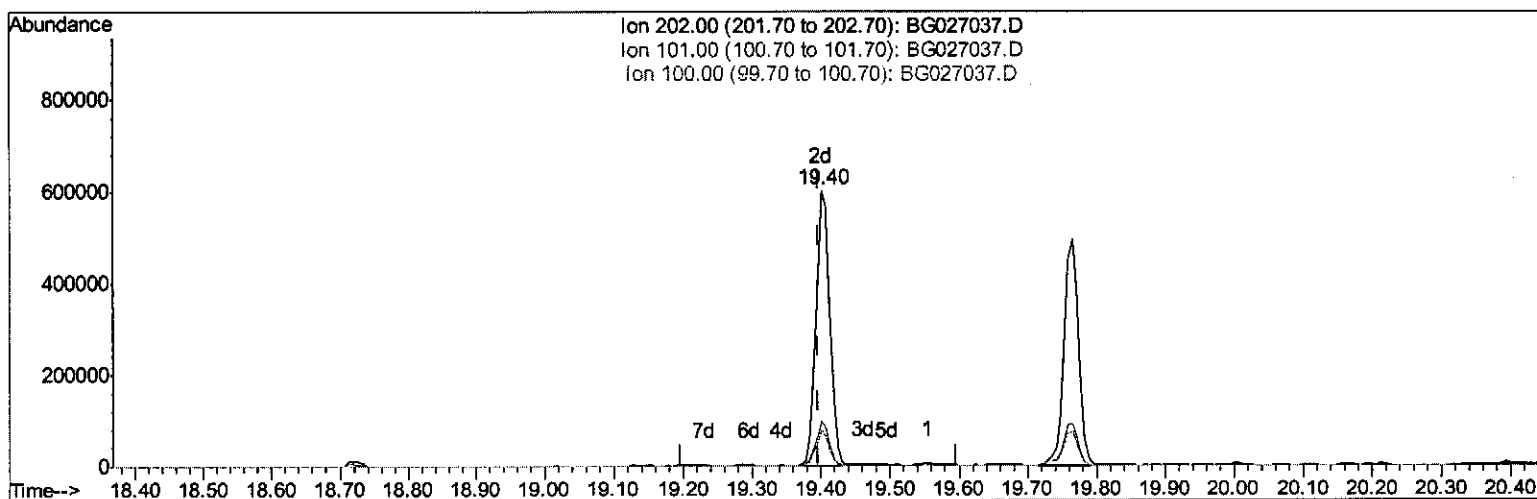
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051817\
Data File : BG027037.D
Acq On : 19 May 2017 13:04
Operator : SJ/MA
Sample : I3136-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
DAC14

Manual Integrations
APPROVED

mohammad
5/22/2017 11:05:24 AM

Quant Time: May 19 14:13:00 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 19 04:25:04 2017
Response via : Initial Calibration



(16) Fluoranthene (C)

19.401min (+0.004) 16.71ng/ul m

response 843432

Ion	Exp%	Act%
202.00	100	100
101.00	12.40	16.18#
100.00	9.20	13.10#
0.00	0.00	0.00

MA
4/20/17

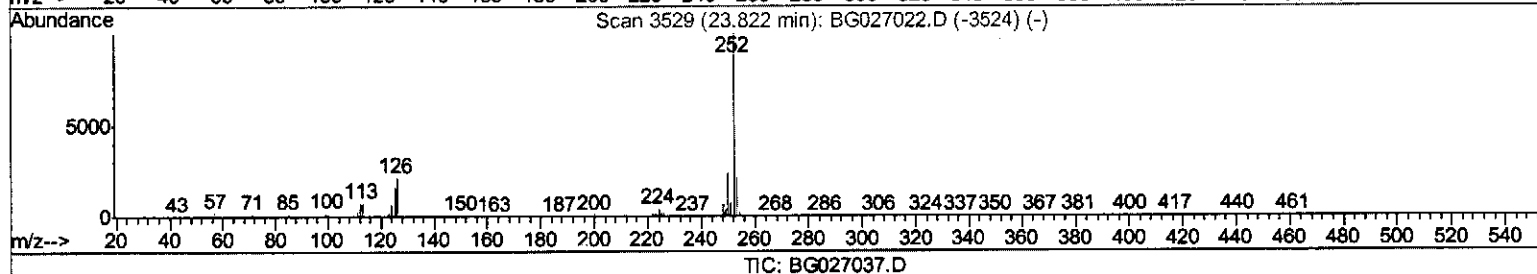
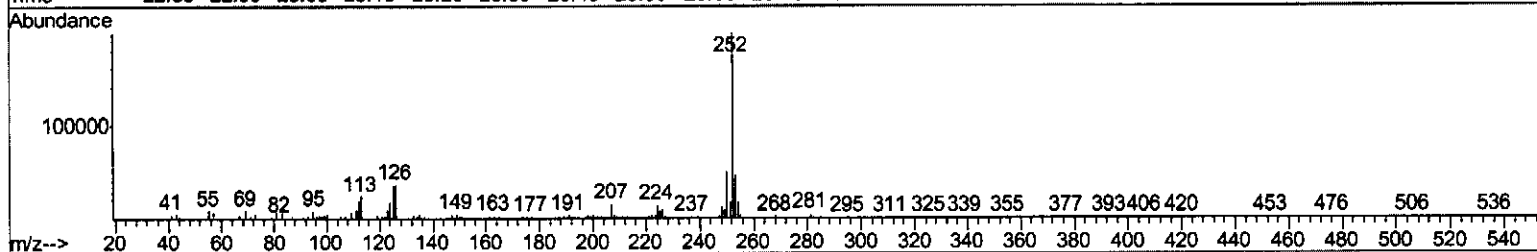
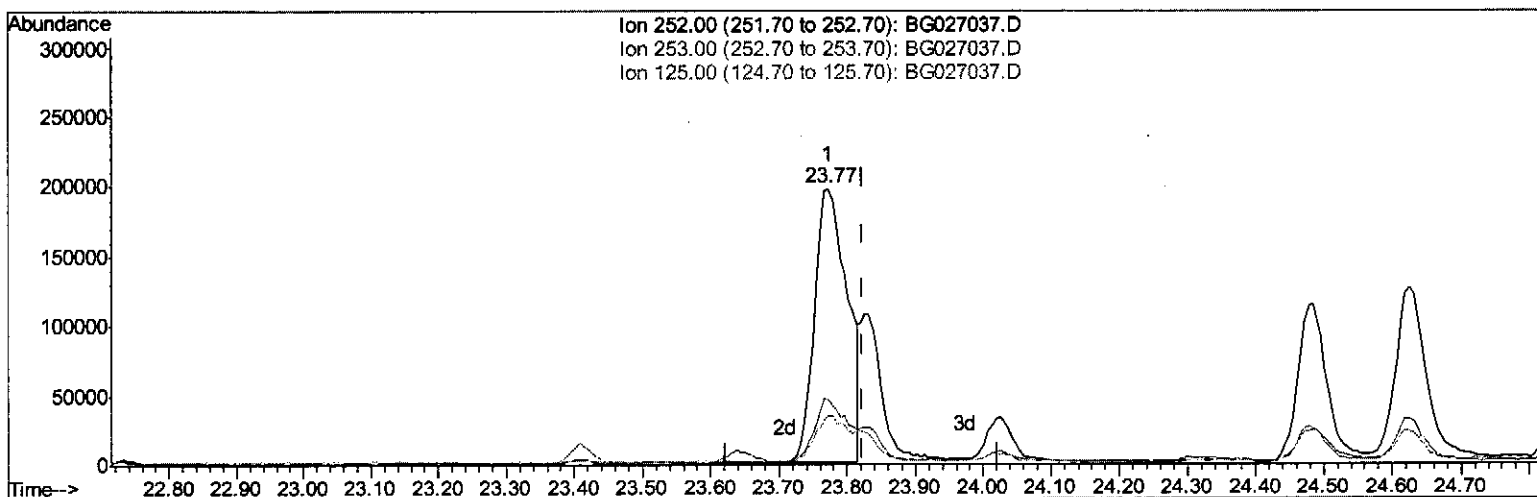
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051817\
Data File : BG027037.D
Acq On : 19 May 2017 13:04
Operator : SJ/MA
Sample : I3136-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
DAC14

Manual Integrations
APPROVED

mohammad
5/22/2017 11:05:24 AM

Quant Time: May 19 14:13:00 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 19 04:25:04 2017
Response via : Initial Calibration



(24) Benzo(k)fluoranthene

23.772min (-0.049) 13.79ng/ui

response 649418

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.70
125.00	10.10	17.85#
0.00	0.00	0.00

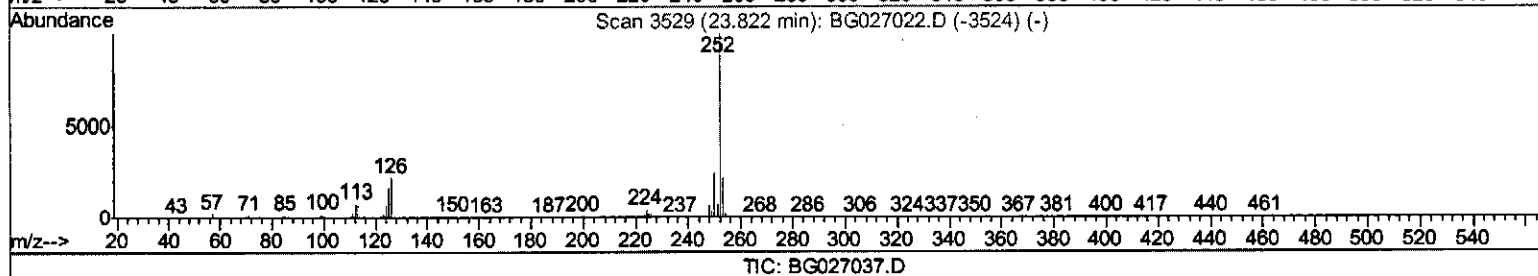
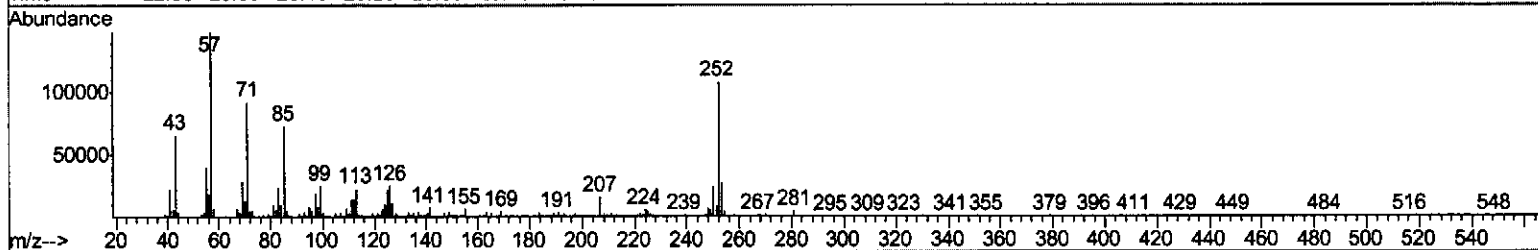
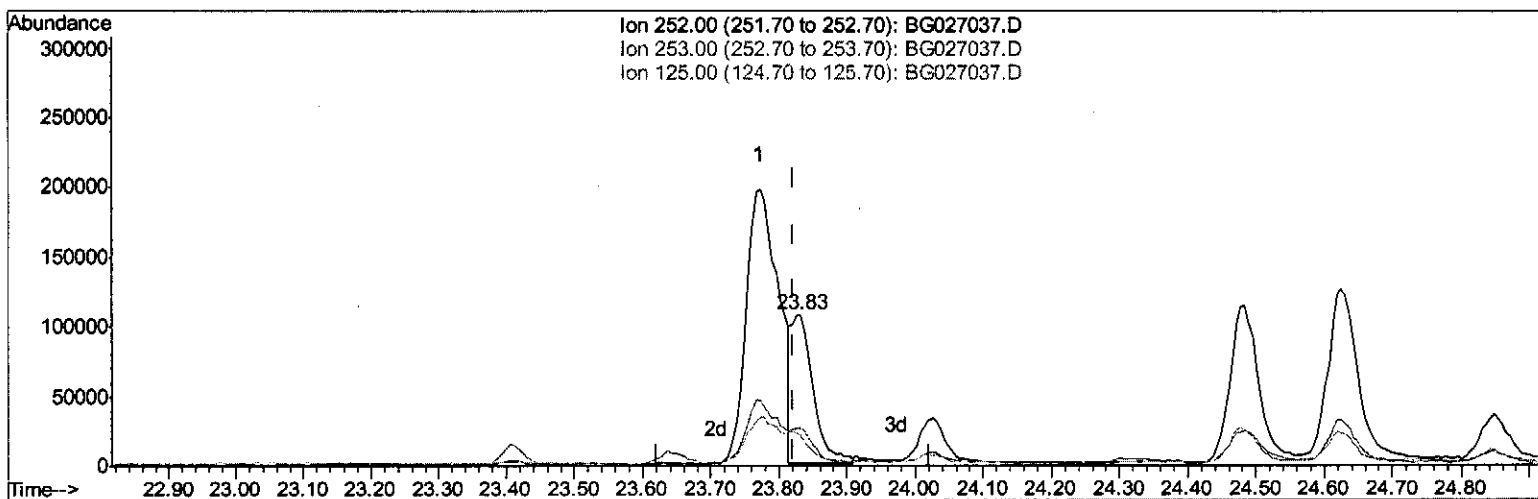
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051817\
Data File : BG027037.D
Acq On : 19 May 2017 13:04
Operator : SJ/MA
Sample : I3136-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
DAC14

Manual Integrations
APPROVED

mohammad
5/22/2017 11:05:24 AM

Quant Time: May 19 14:13:00 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 19 04:25:04 2017
Response via : Initial Calibration



(24) Benzo(k)fluoranthene

23.831min (+0.010) 5.02ng/ul m

response 236321

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	25.14
125.00	10.10	20.00#
0.00	0.00	0.00

MA 5/22/17

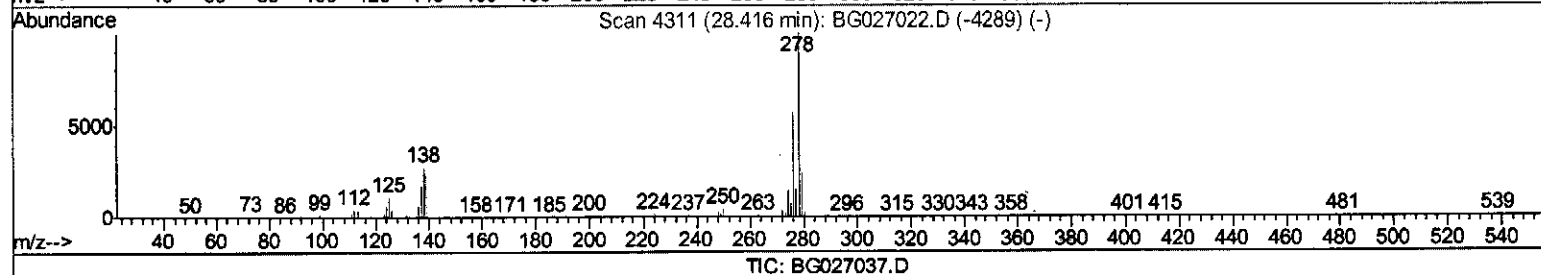
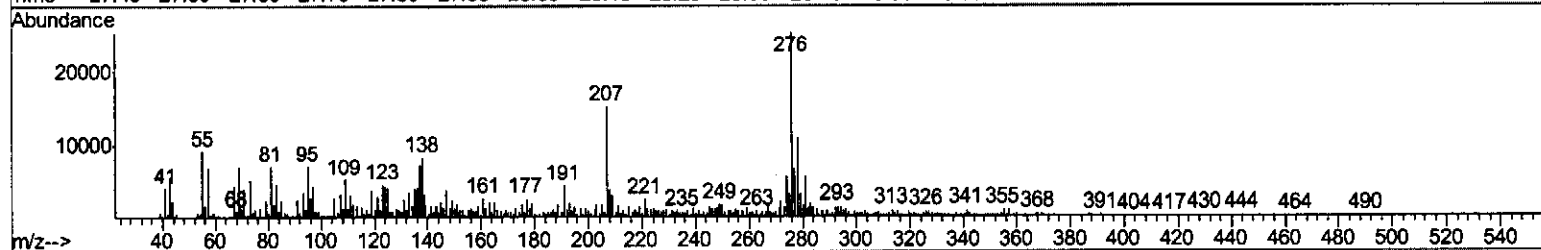
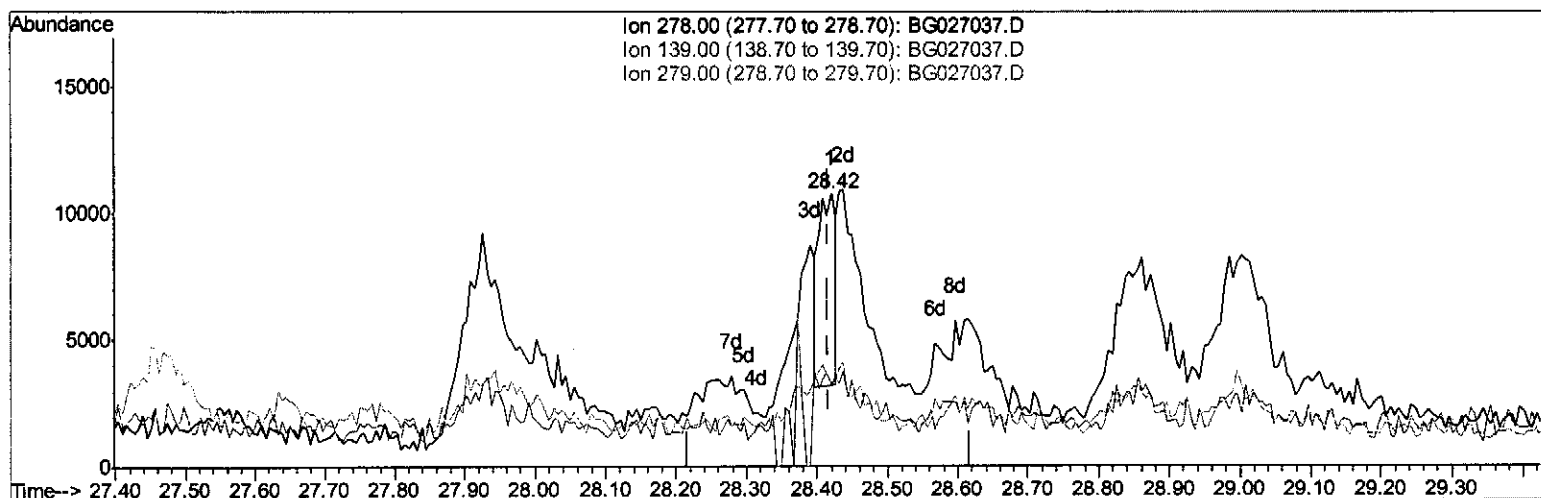
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051817\
Data File : BG027037.D
Acq On : 19 May 2017 13:04
Operator : SJ/MA
Sample : I3136-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DAC14

Manual Integrations
APPROVED

mohammad
5/22/2017 11:05:24 AM

Quant Time: May 19 14:14:32 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 19 04:25:04 2017
Response via : Initial Calibration



(28) Dibenzo(a,h)anthracene

28.420min (+0.004) 0.34ng/ul

response 12082

Ion	Exp%	Act%
278.00	100	100
139.00	15.30	29.99#
279.00	24.00	29.91#
0.00	0.00	0.00

Quantitation Report (Qedit)

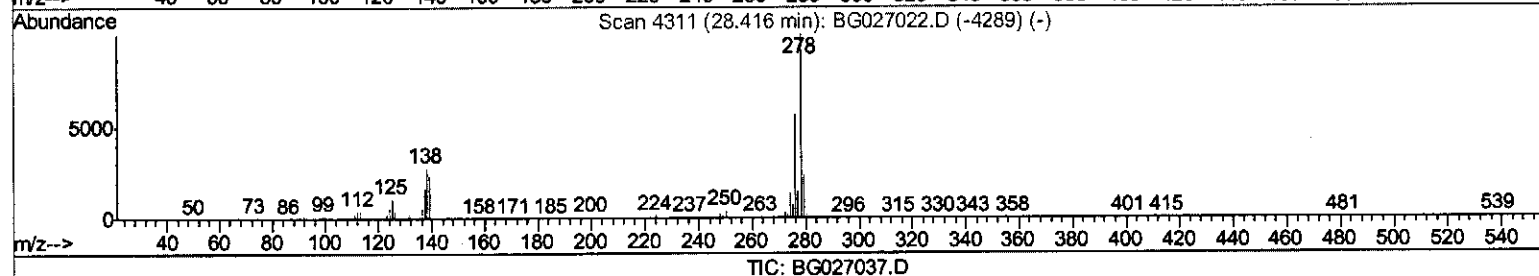
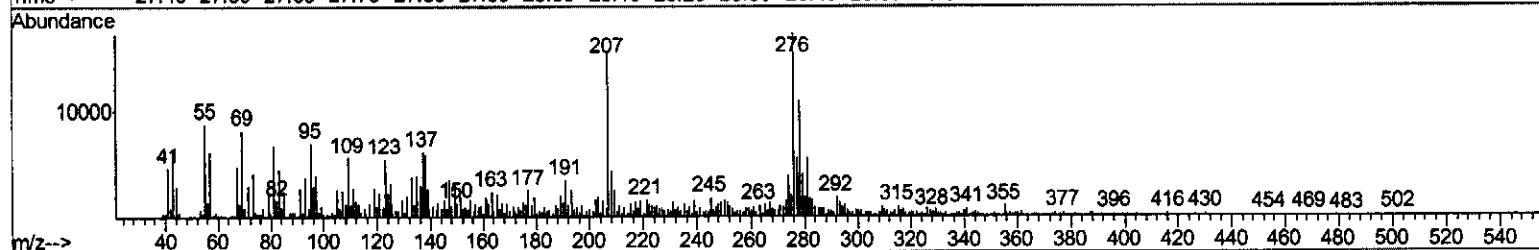
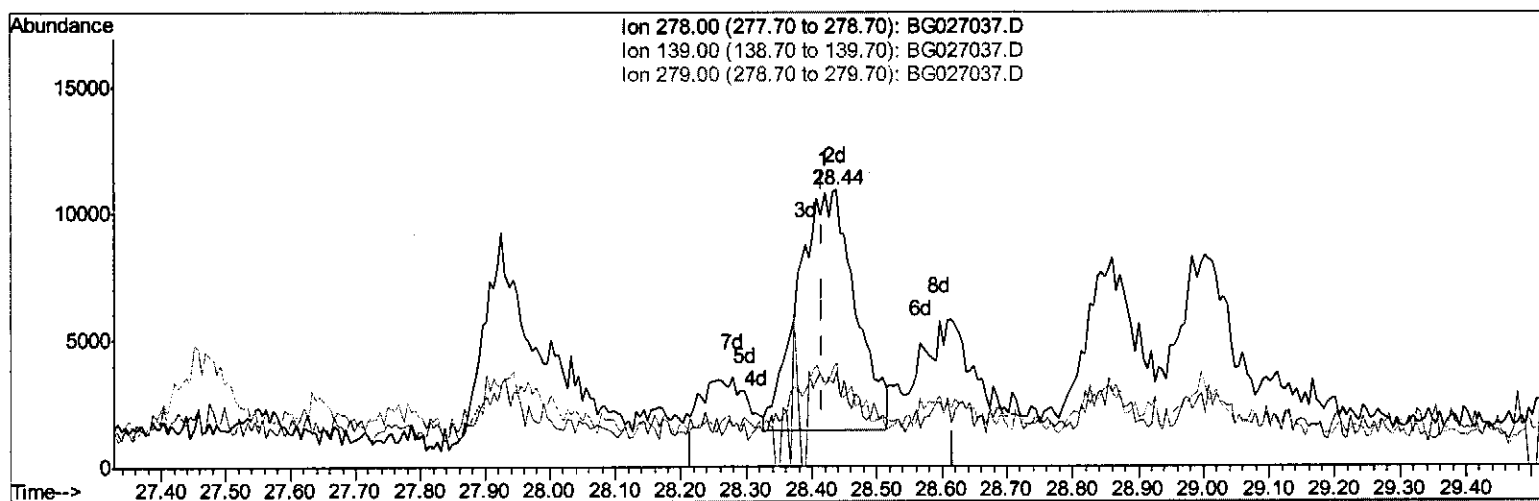
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051817\
 Data File : BG027037.D
 Acq On : 19 May 2017 13:04
 Operator : SJ/MA
 Sample : I3136-03
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 DAC14

Manual Integrations
 APPROVED

mohammad
 5/22/2017 11:05:24 AM

Quant Time: May 19 14:14:32 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 19 04:25:04 2017
 Response via : Initial Calibration



(28) Dibenzo(a,h)anthracene

28.438min (+0.021) 1.62ng/ul m

response 57580

Ion	Exp%	Act%
278.00	100	100
139.00	15.30	25.70#
279.00	24.00	37.93#
0.00	0.00	0.00

MA 5/22/17

Data Path : Z:\HPCHEM1\BNA_G\Data\BG051817\
 Data File : BG027037.D
 Acq On : 19 May 2017 13:04
 Operator : SJ/MA
 Sample : I3136-03
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 DAC14

Manual Integrations
 APPROVED

mohammad
 5/22/2017 11:05:24 AM

Quant Time: May 19 14:15:34 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 19 04:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	202304	20.00	ng/ul	0.00
2) Naphthalene-d8	10.81	136	949935	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	487312	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.36	188	883173	20.00	ng/ul	0.00
17) Chrysene-d12	21.60	240	802068	20.00	ng/ul	0.00
22) Perylene-d12	24.77	264	770572	20.00	ng/ul	0.00

System Monitoring Compounds

7) Acenaphthylene-d8	14.31	160	641228	12.83	ng/ul	0.00
10) Fluorene-d10	15.61	176	407050	12.21	ng/ul	0.00
14) Anthracene-d10	17.46	188	547087	12.71	ng/ul	0.00
18) Pyrene-d10	19.74	212	525891	12.56	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.56	264	465190	12.15	ng/ul	0.02

Target Compounds

						Qvalue
13) Phenanthrene	17.40	178	521609	10.56	ng/ul	98
15) Anthracene	17.49	178	102814	2.03	ng/ul	99
16) Fluoranthene	19.40	202	843432m	16.71	ng/ul	
19) Pyrene	19.77	202	720824	13.75	ng/ul#	88
20) Benzo(a)anthracene	21.59	228	407969	8.44	ng/ul	97
21) Chrysene	21.65	228	412416	9.30	ng/ul	97
23) Benzo(b)fluoranthene	23.77	252	649418	14.18	ng/ul#	92
24) Benzo(k)fluoranthene	23.83	252	236321m	5.02	ng/ul	
26) Benzo(a)pyrene	24.62	252	366065	8.17	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	28.38	276	171704	4.17	ng/ul#	81
28) Dibenzo(a,h)anthracene	28.44	278	57580m	1.62	ng/ul	
29) Benzo(g,h,i)perylene	29.52	276	144512	4.41	ng/ul#	85

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

Data Path : Z:\HPCHEM1\BNA_G\Data\BG051817\
Data File : BG027037.D
Acq On : 19 May 2017 13:04
Operator : SJ/MA
Sample : I3136-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
DAC14

Manual Integrations
APPROVED

mohammad
5/22/2017 11:05:24 AM

Quant Time: May 19 14:15:34 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 19 04:25:04 2017
Response via : Initial Calibration

