

Quantitation Report (Qedit)

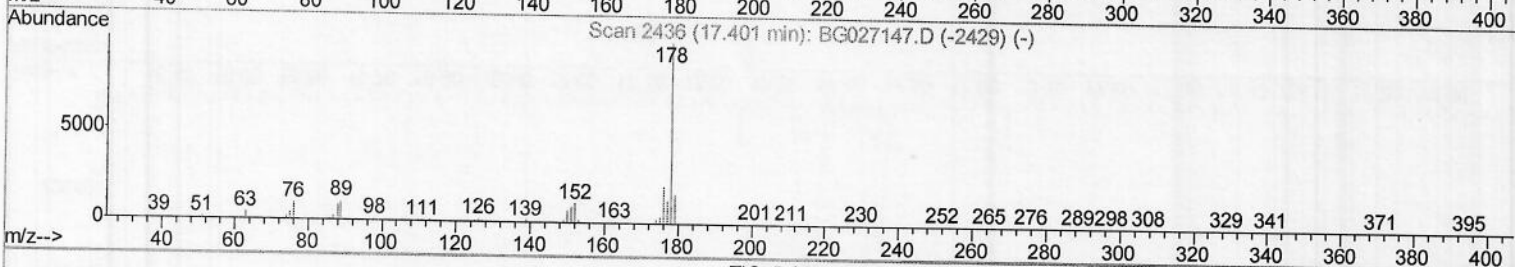
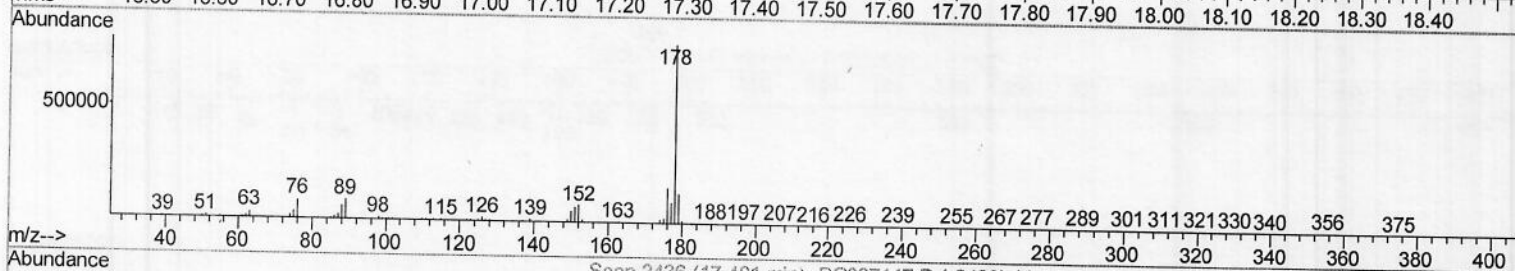
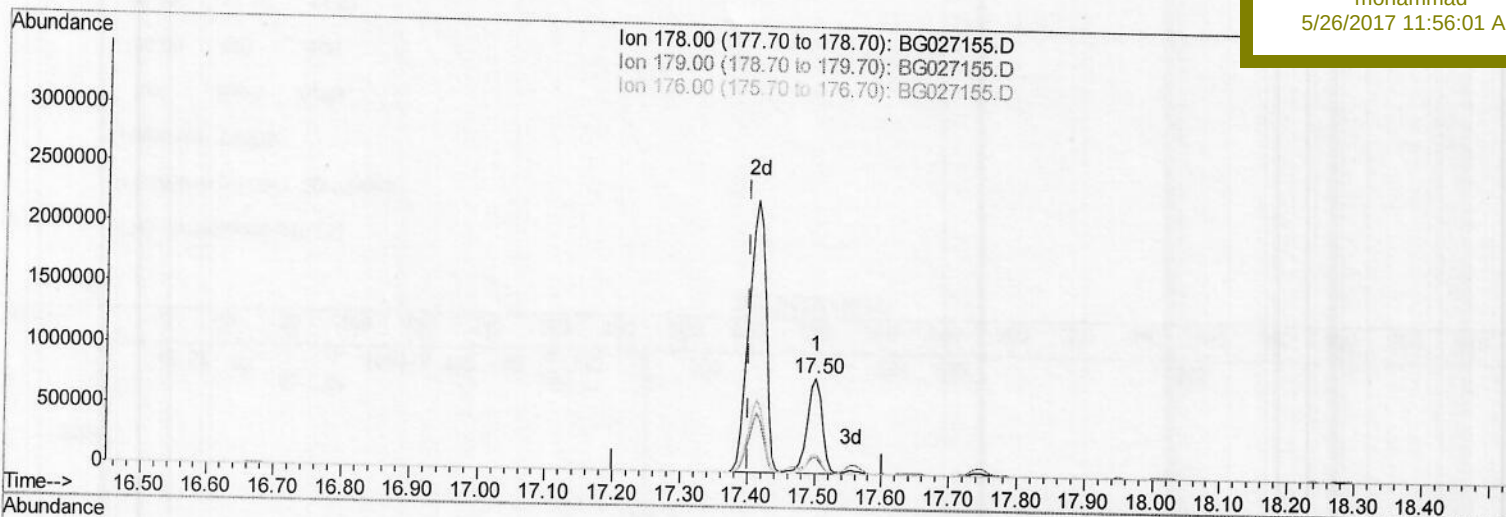
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052617\
 Data File : BG027155.D
 Acq On : 25 May 2017 8:35
 Operator : SJ/MA
 Sample : I3275-20
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: May 25 10:45:20 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 25 06:05:48 2017
 Response via : Initial Calibration

Instrument :
 BNA_G
ClientSampleId :
 DAC73

Manual Integrations
APPROVED

mohammad
 5/26/2017 11:56:01 AM



(13) Phenanthrene

17.501min (+0.100) 30.07ng/ul

response 1197109

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	16.51
176.00	18.90	19.99
0.00	0.00	0.00

Quantitation Report (Qedit)

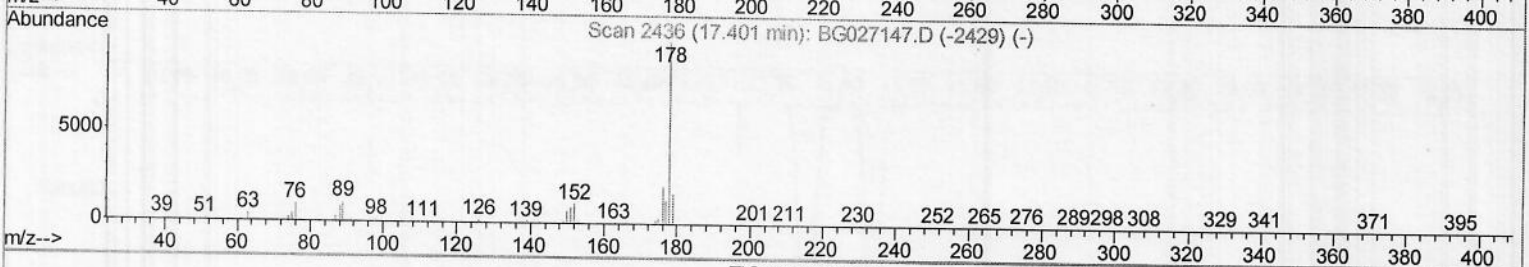
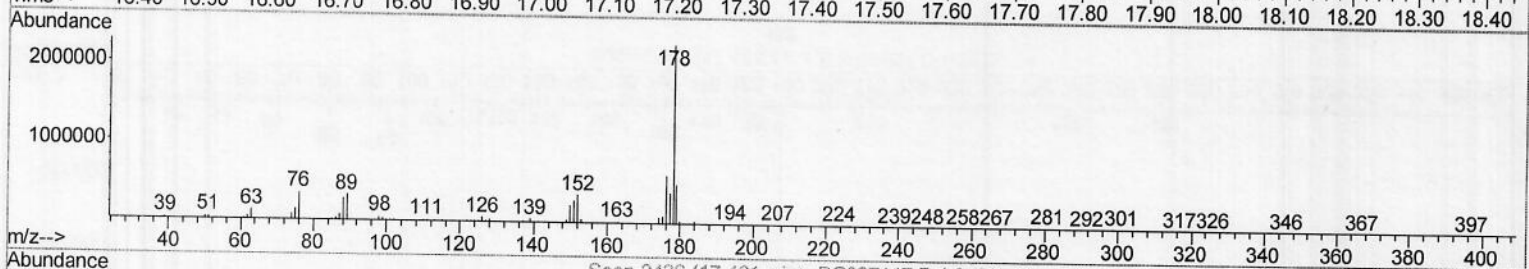
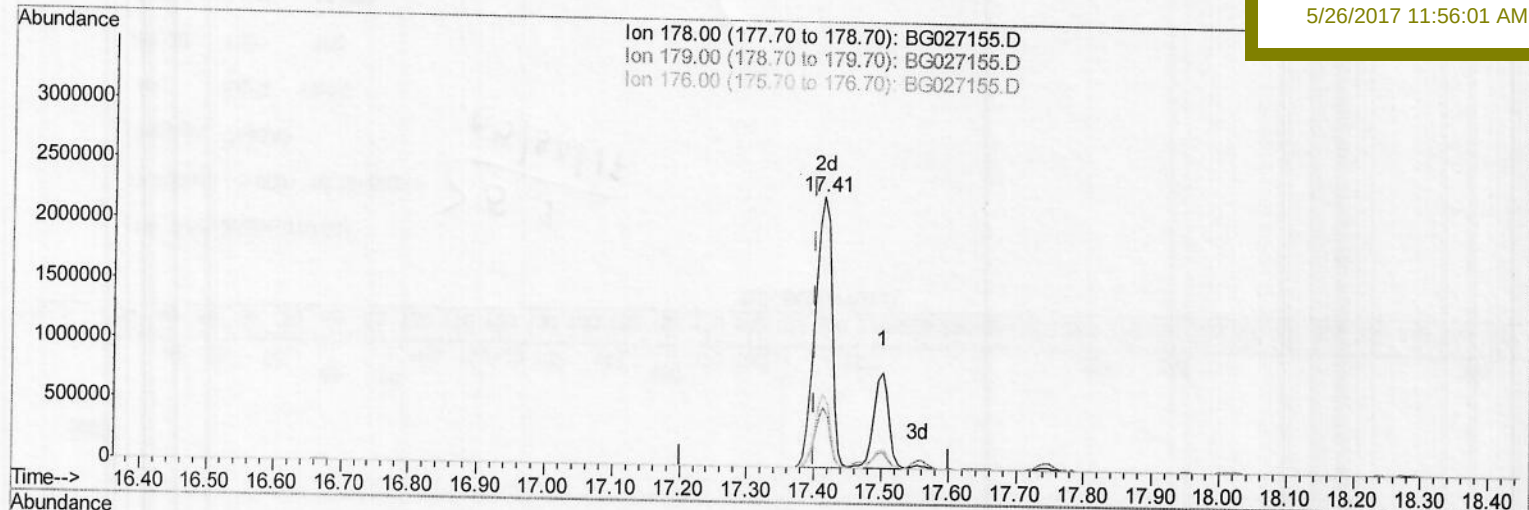
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052617\
 Data File : BG027155.D
 Acq On : 25 May 2017 8:35
 Operator : SJ/MA
 Sample : I3275-20
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: May 25 10:45:20 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 25 06:05:48 2017
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 DAC73

Manual Integrations
 APPROVED

mohammad
 5/26/2017 11:56:01 AM



TIC: BG027155.D

(13) Phenanthrene

17.413min (+0.012) 97.96ng/ul m

response 3899882

> 5.7
05/30/17

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	21.67#
176.00	18.90	27.01#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG052617\
 Data File : BG027155.D
 Acq On : 25 May 2017 8:35
 Operator : SJ/MA
 Sample : I3275-20
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: May 25 10:45:20 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 25 06:05:48 2017
 Response via : Initial Calibration

Instrument :

BNA_G

ClientSampleId :

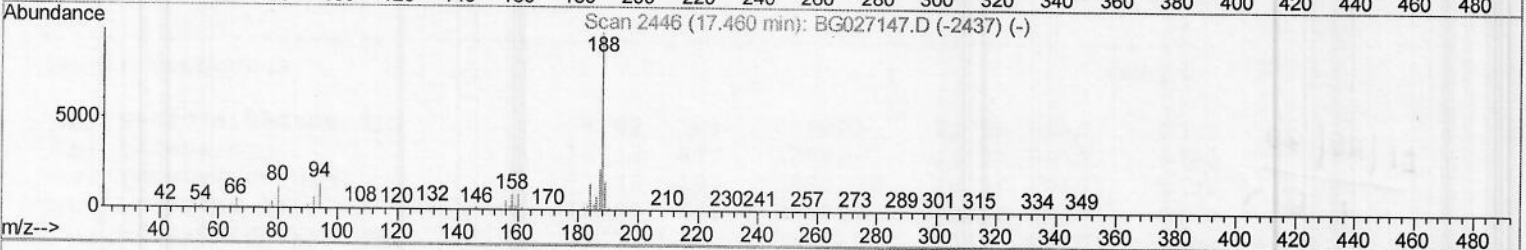
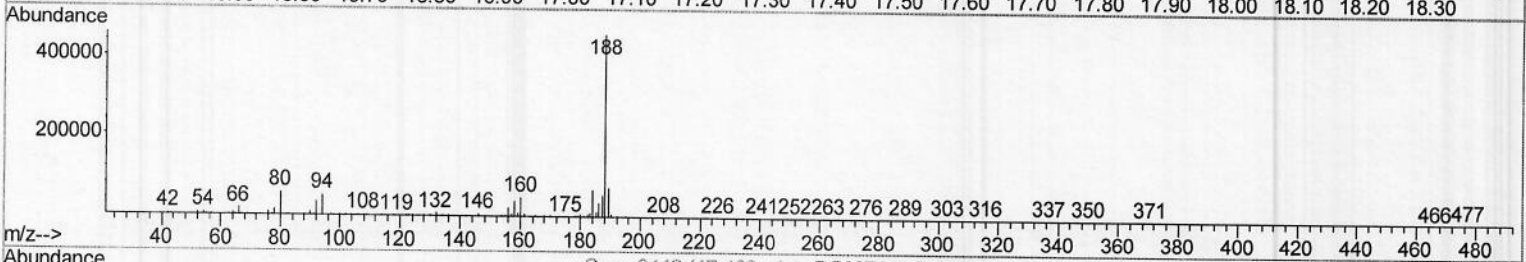
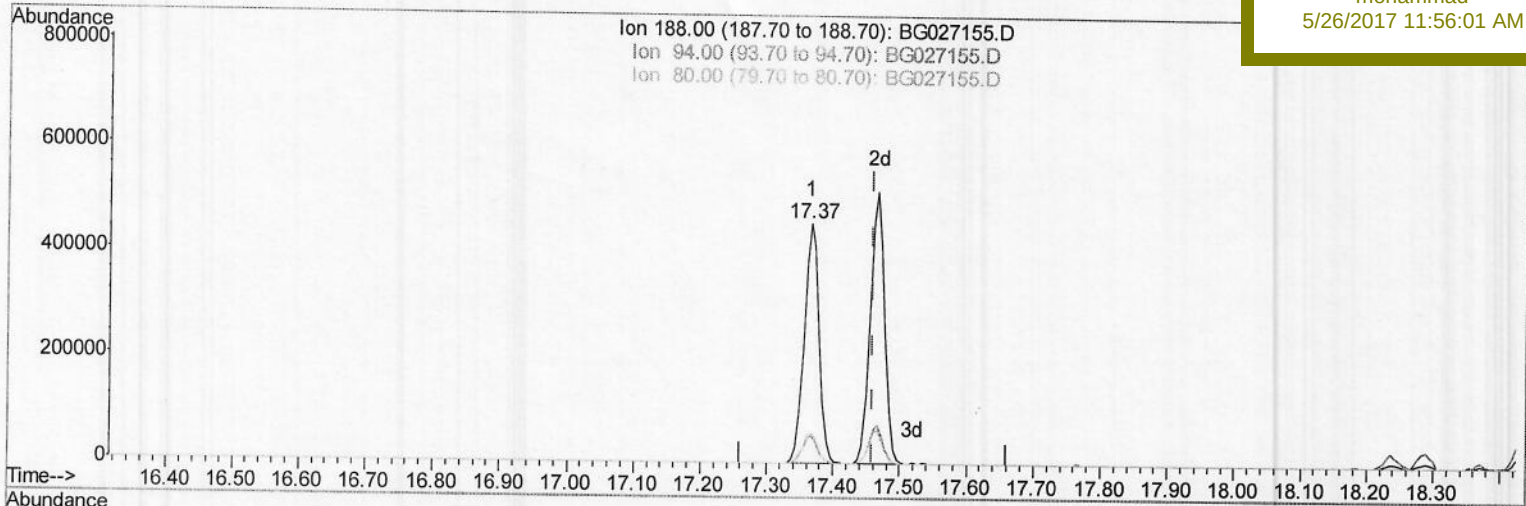
DAC73

Manual Integrations

APPROVED

mohammad

5/26/2017 11:56:01 AM



TIC: BG027155.D

(14) Anthracene-d10 (S)

17.366min (-0.094) 20.51ng/ul

response 712112

Ion	Exp%	Act%
188.00	100	100
94.00	11.10	11.35
80.00	11.80	12.56
0.00	0.00	0.00

Quantitation Report (Qedit)

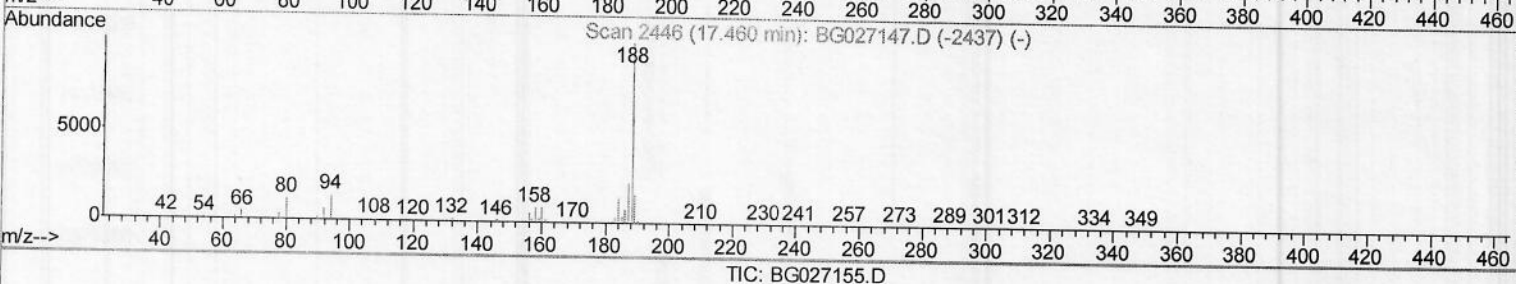
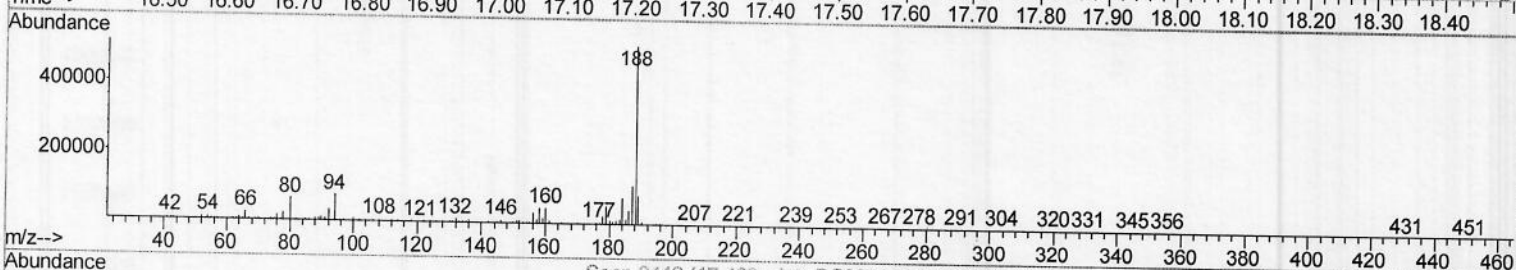
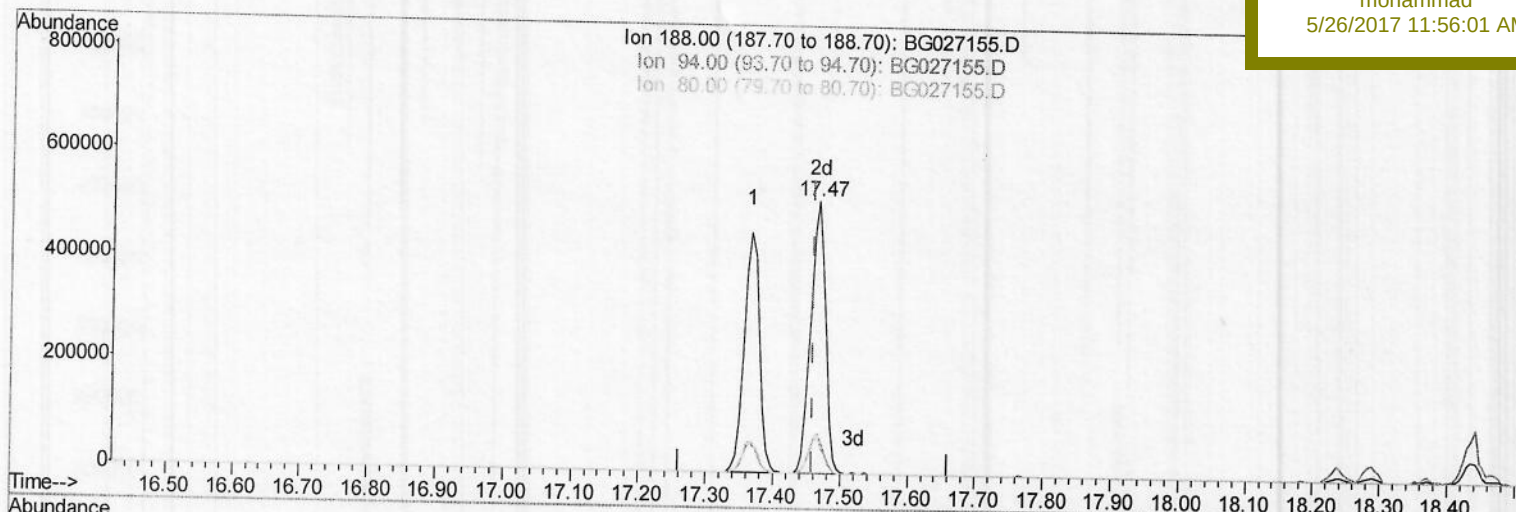
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052617\
 Data File : BG027155.D
 Acq On : 25 May 2017 8:35
 Operator : SJ/MA
 Sample : I3275-20
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: May 25 10:45:20 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 25 06:05:48 2017
 Response via : Initial Calibration

Instrument :
 BNA_G
ClientSampleId :
 DAC73

Manual Integrations
APPROVED

mohammad
 5/26/2017 11:56:01 AM



TIC: BG027155.D

(14) Anthracene-d10 (S)

17.466min (+0.006) 22.60ng/ul m

response 784781

Ion	Exp%	Act%
188.00	100	100
94.00	11.10	14.10#
80.00	11.80	12.25
0.00	0.00	0.00

S.J.
5/25/2017

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG052617\
 Data File : BG027155.D
 Acq On : 25 May 2017 8:35
 Operator : SJ/MA
 Sample : I3275-20
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

DAC73

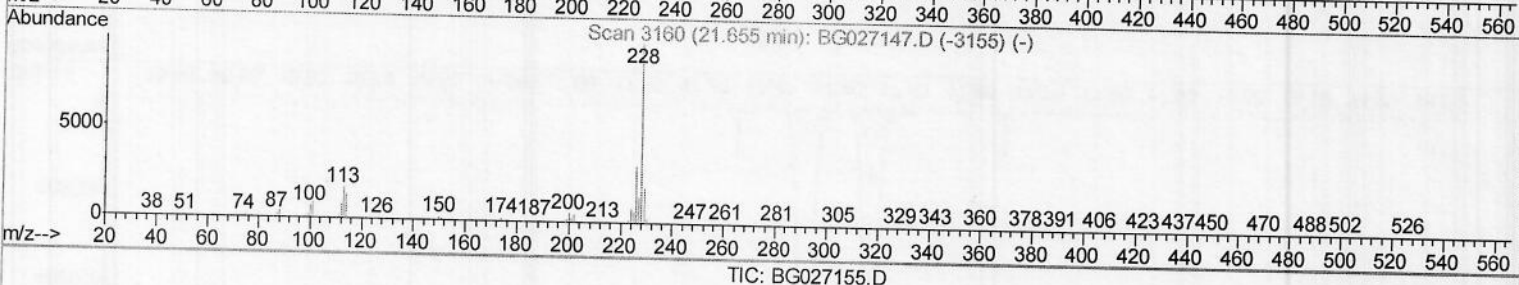
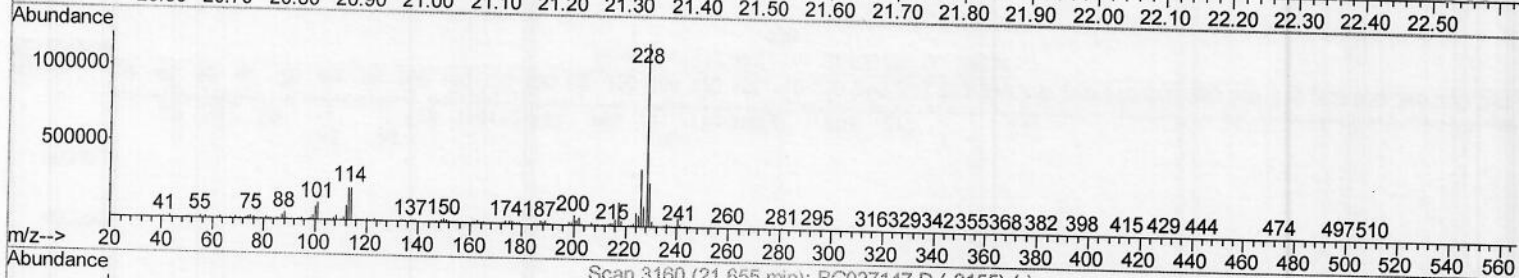
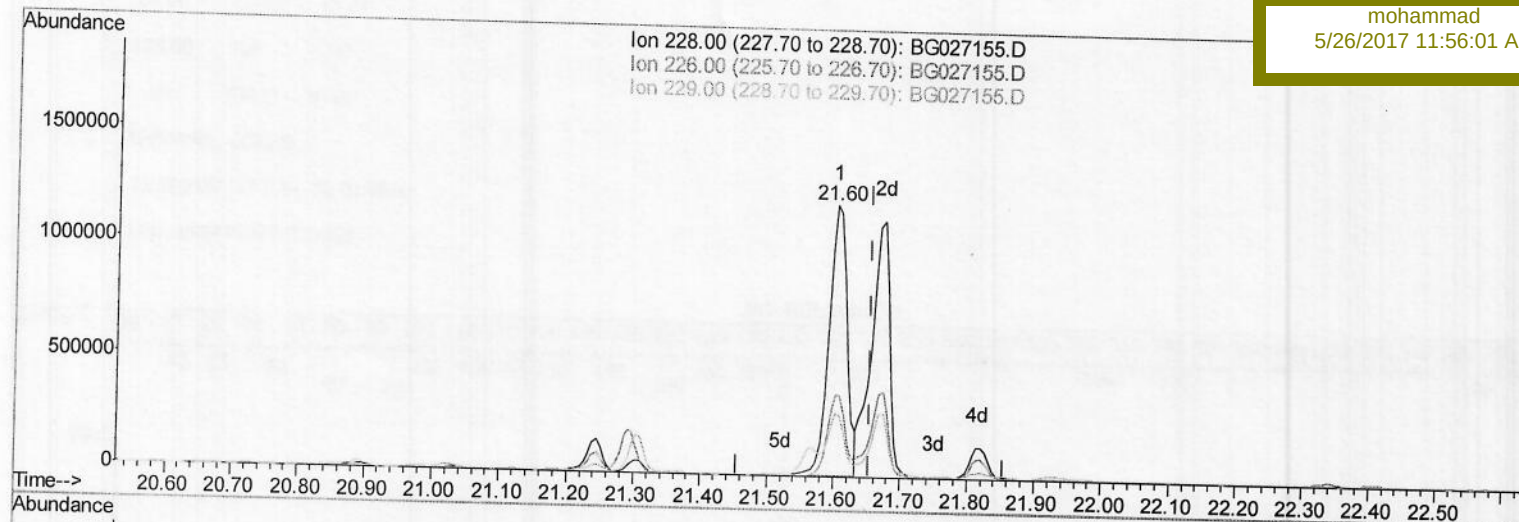
Manual Integrations

APPROVED

mohammad

5/26/2017 11:56:01 AM

Quant Time: May 25 10:45:20 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 25 06:05:48 2017
 Response via : Initial Calibration



(21) Chrysene

21.602min (-0.053) 65.77ng/ul

response 2256753

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	30.54
229.00	19.80	23.68
0.00	0.00	0.00

Quantitation Report (Qedit)

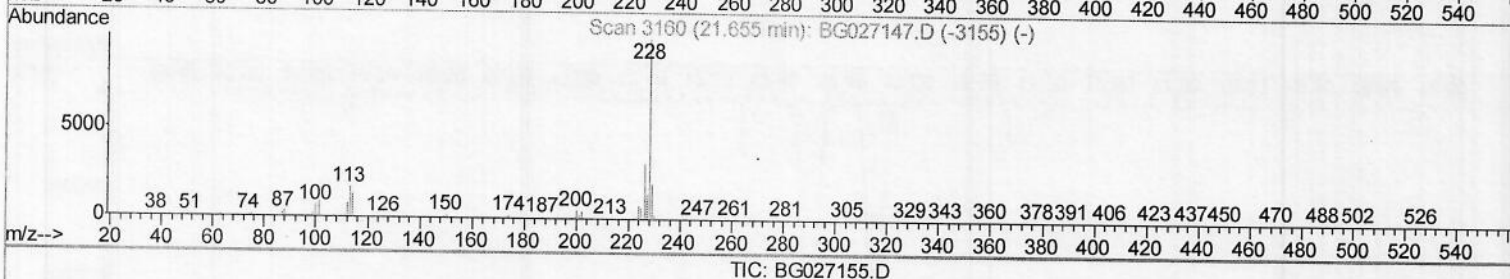
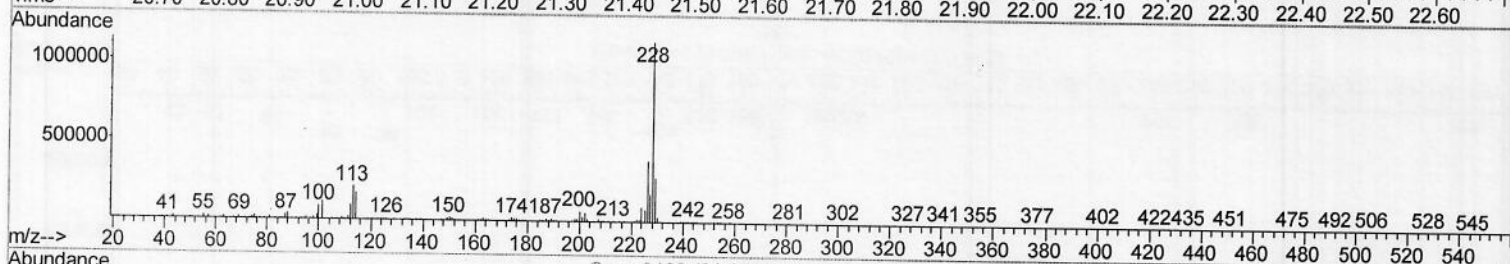
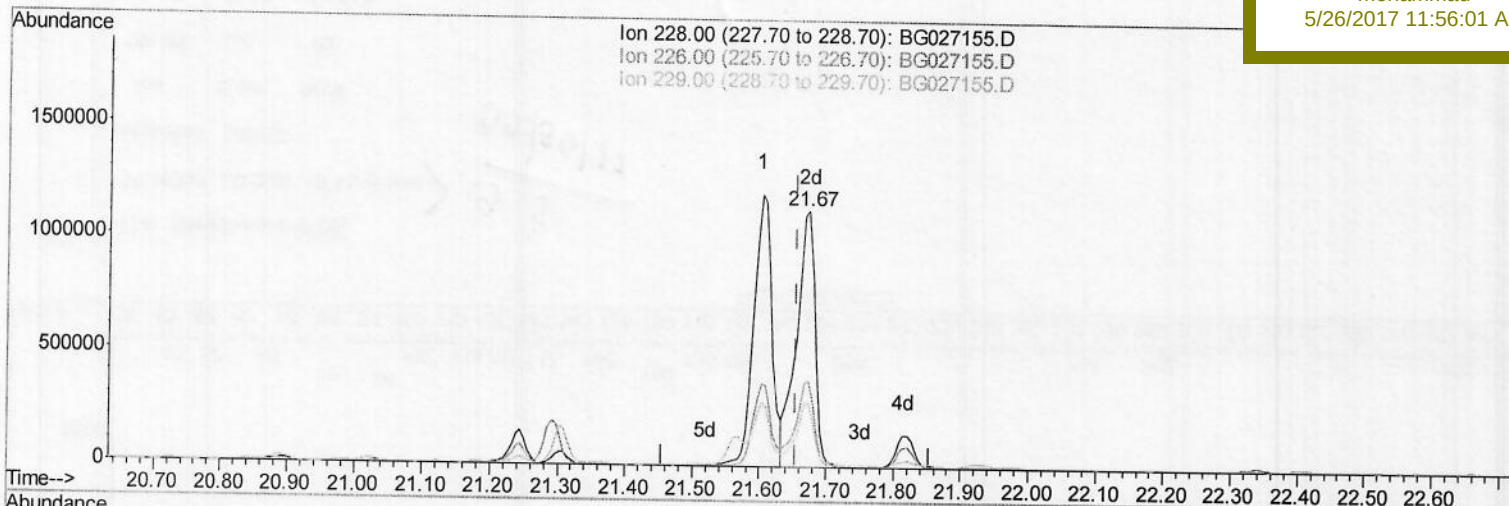
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052617\
 Data File : BG027155.D
 Acq On : 25 May 2017 8:35
 Operator : SJ/MA
 Sample : I3275-20
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: May 25 10:45:20 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 25 06:05:48 2017
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 DAC73

Manual Integrations
 APPROVED

mohammad
 5/26/2017 11:56:01 AM



TIC: BG027155.D

(21) Chrysene

21.673min (+0.018) 63.54ng/ul m

response 2180346

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	33.82
229.00	19.80	24.85#
0.00	0.00	0.00

5.3
 05/30/17

Quantitation Report (Qedit)

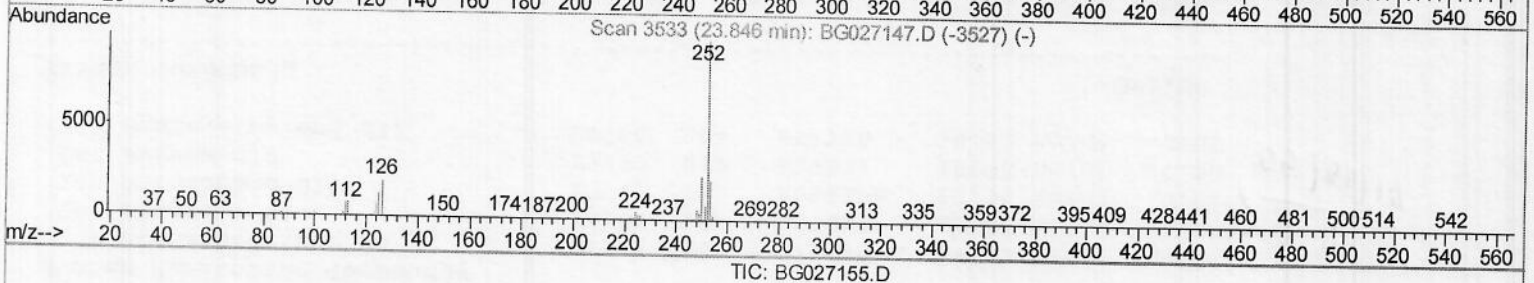
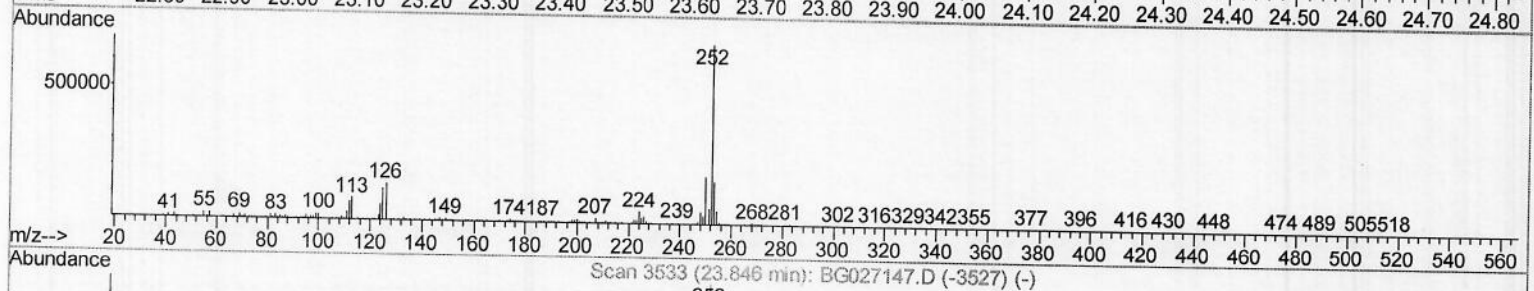
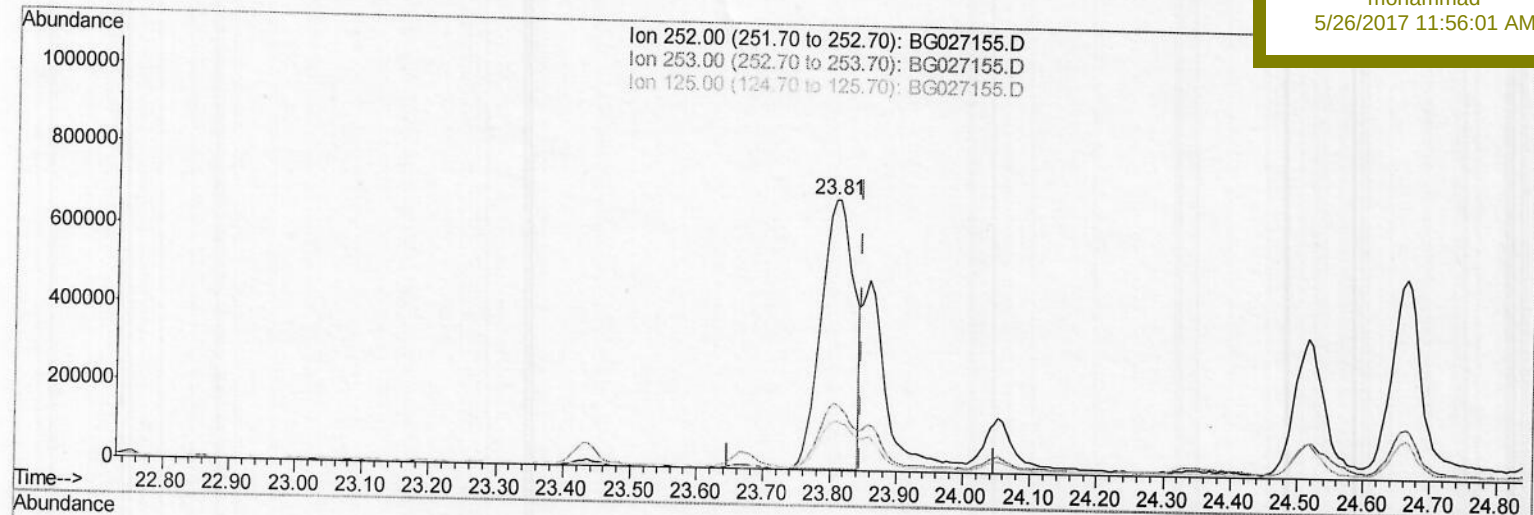
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052617\
 Data File : BG027155.D
 Acq On : 25 May 2017 8:35
 Operator : SJ/MA
 Sample : I3275-20
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAC73

Quant Time: May 25 10:45:20 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 25 06:05:48 2017
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 5/26/2017 11:56:01 AM



(24) Benzo(k)fluoranthene
 23.806min (-0.041) 74.13ng/ul
 response 2295922

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	24.34
125.00	10.10	17.79#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG052617\
 Data File : BG027155.D
 Acq On : 25 May 2017 8:35
 Operator : SJ/MA
 Sample : I3275-20
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :

BNA_G

Client Sample Id :

DAC73

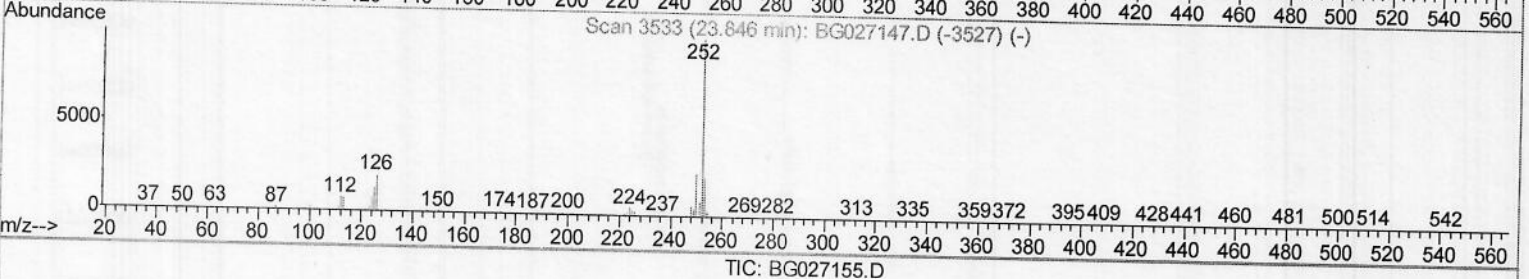
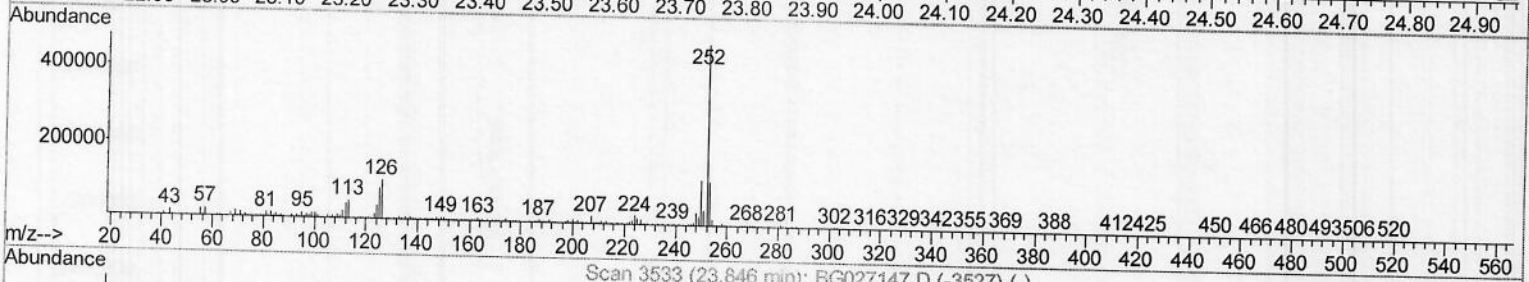
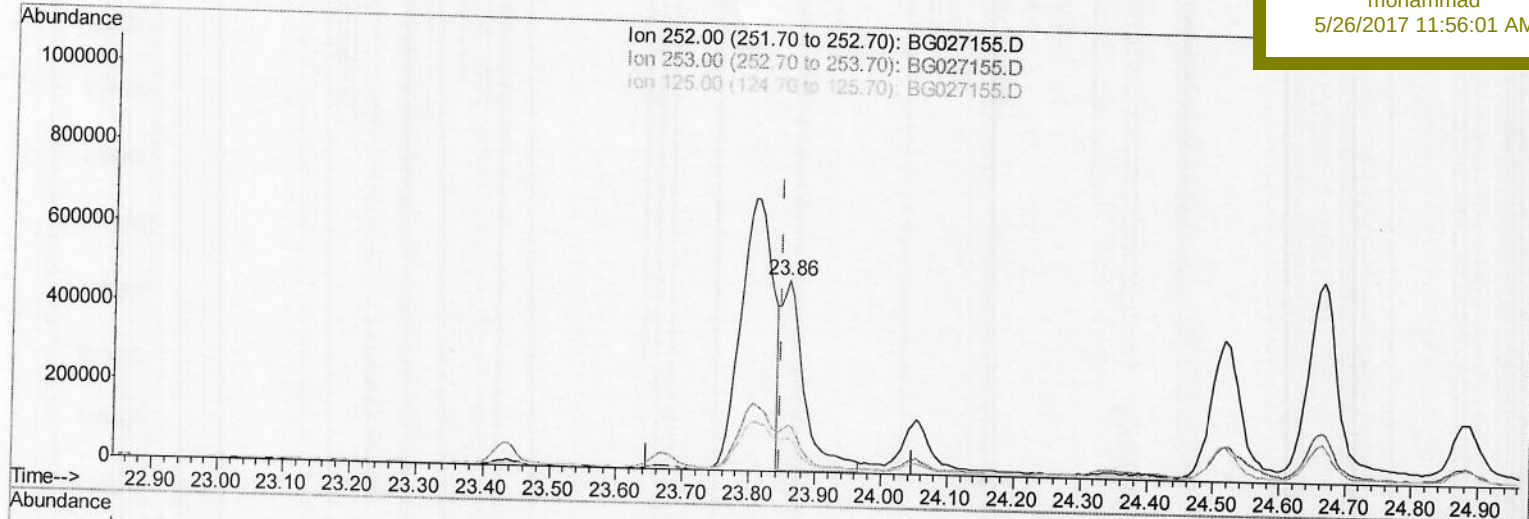
Manual Integrations

APPROVED

mohammad

5/26/2017 11:56:01 AM

Quant Time: May 25 10:45:20 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 25 06:05:48 2017
 Response via : Initial Calibration



(24) Benzo(k)fluoranthene

23.859min (+0.012) 38.29ng/ul m

response 1185818

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	24.05
125.00	10.10	17.35#
0.00	0.00	0.00

> 5.3
65/2017

Quantitation Report (Qedit)

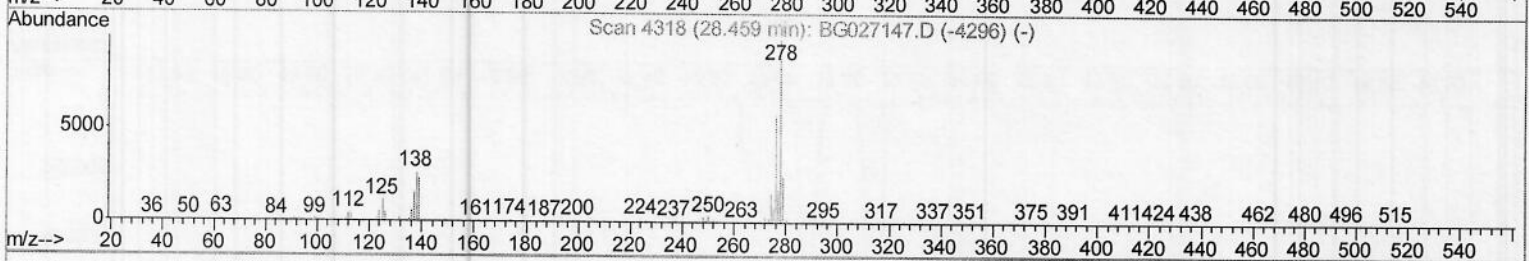
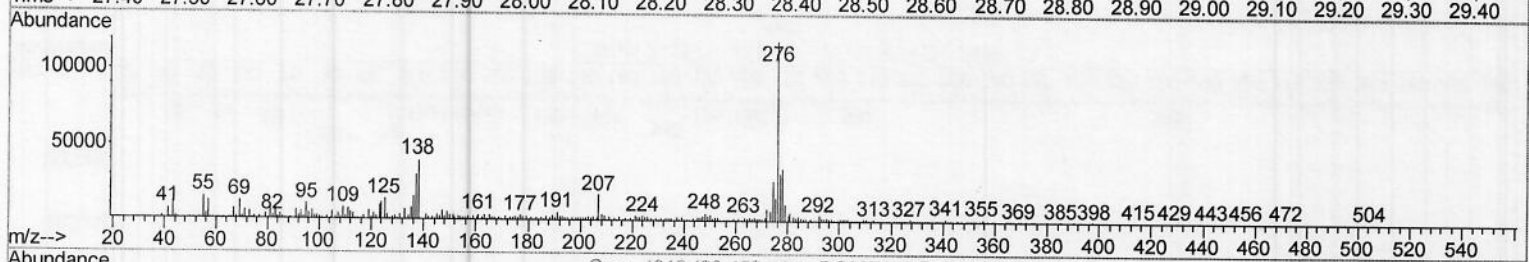
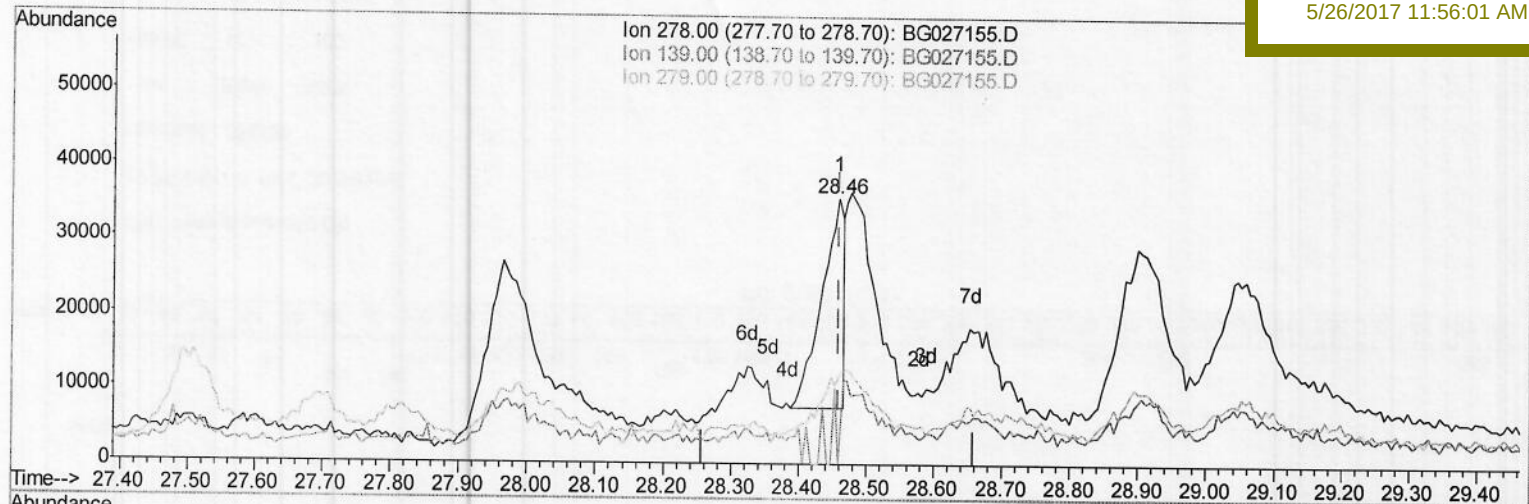
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052617\
 Data File : BG027155.D
 Acq On : 25 May 2017 8:35
 Operator : SJ/MA
 Sample : I3275-20
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
ClientSampleId :
 DAC73

Manual Integrations
APPROVED

mohammad
 5/26/2017 11:56:01 AM

Quant Time: May 25 10:45:20 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 25 06:05:48 2017
 Response via : Initial Calibration



TIC: BG027155.D

(28) Dibenzo(a,h)anthracene

28.459min (+0.000) 2.71ng/ul

response 63478

Ion	Exp%	Act%
278.00	100	100
139.00	15.30	0.00#
279.00	24.00	32.62#
0.00	0.00	0.00

Quantitation Report (Qedit)

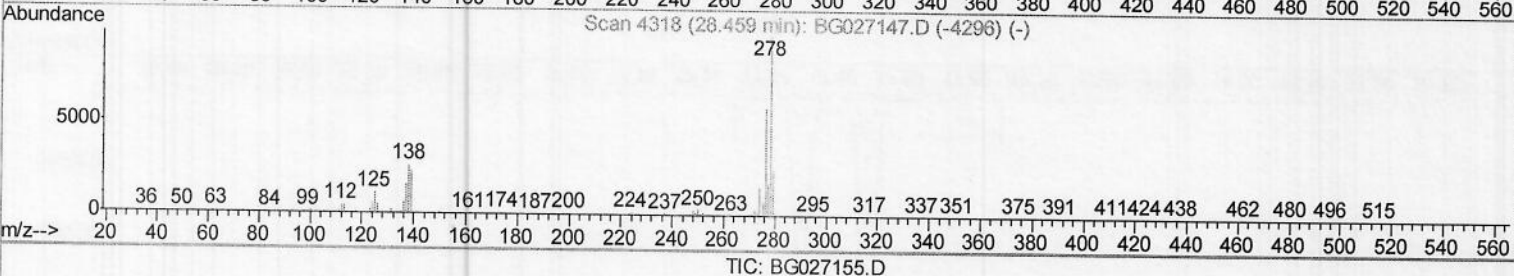
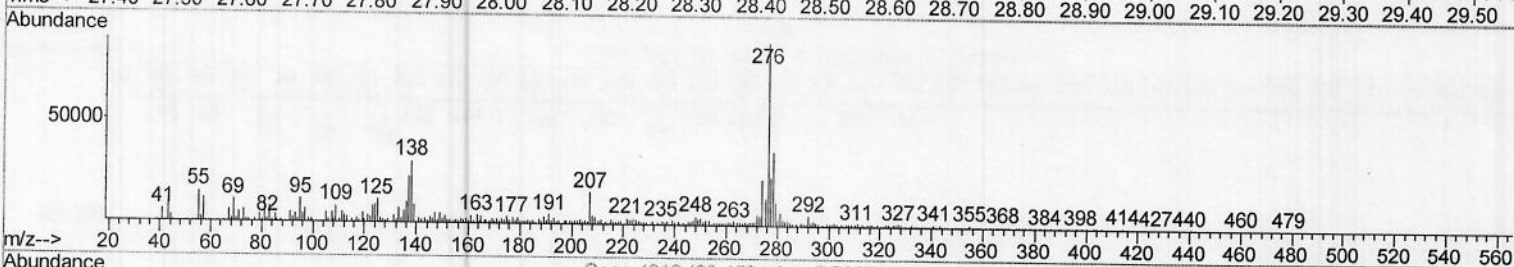
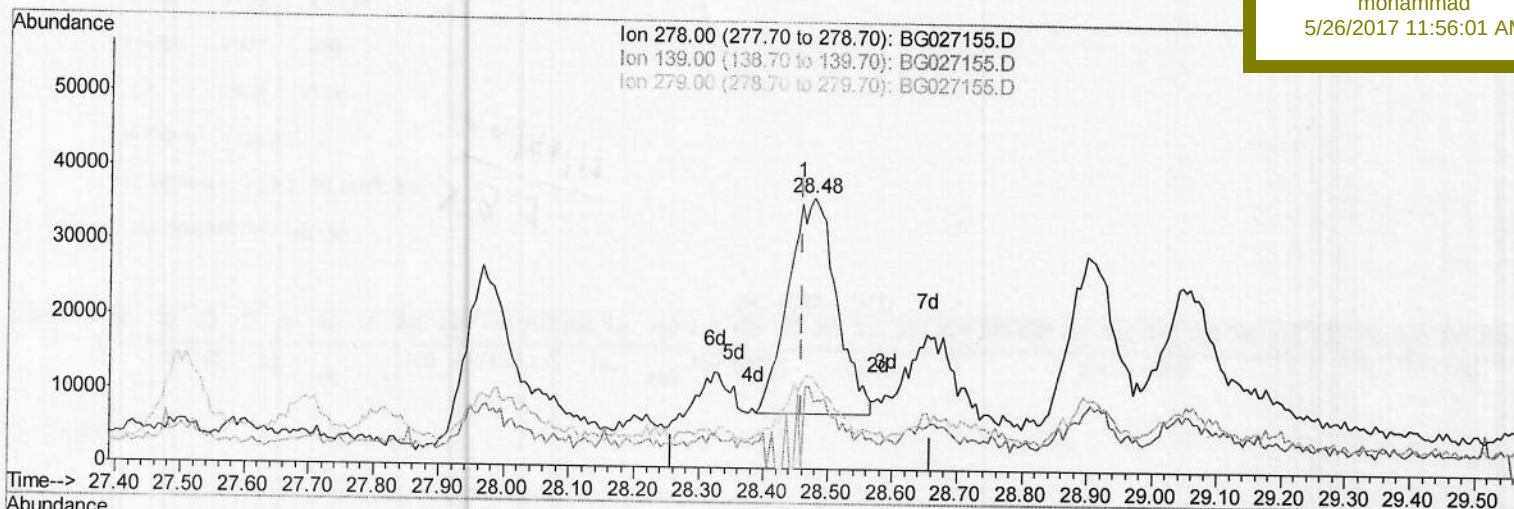
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052617\
 Data File : BG027155.D
 Acq On : 25 May 2017 8:35
 Operator : SJ/MA
 Sample : I3275-20
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sampled :
 DAC73

Manual Integrations
 APPROVED

mohammad
 5/26/2017 11:56:01 AM

Quant Time: May 25 10:45:20 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 25 06:05:48 2017
 Response via : Initial Calibration



(28) Dibenzo(a,h)anthracene

28.477min (+0.018) 6.43ng/ul m

response 150244

Ion	Exp%	Act%
278.00	100	100
139.00	15.30	24.93#
279.00	24.00	33.06#
0.00	0.00	0.00

5.3
 05/30/17

Quantitation Report (Qedit)

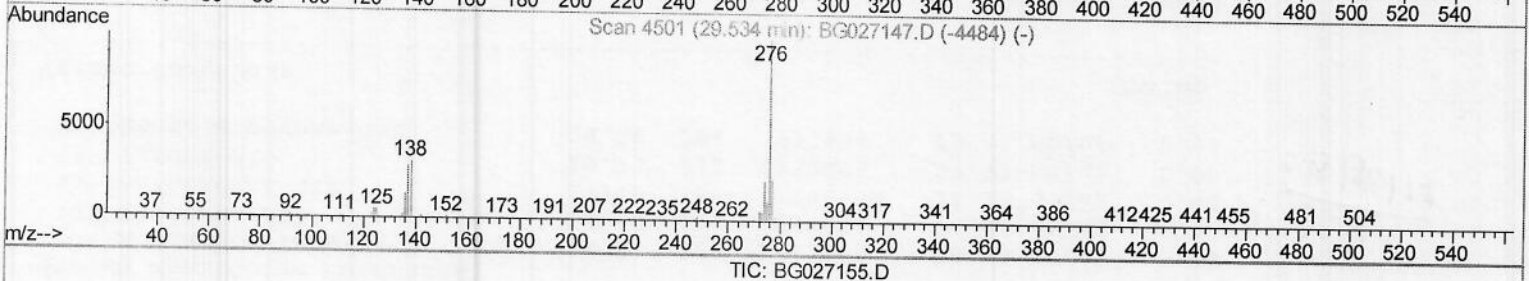
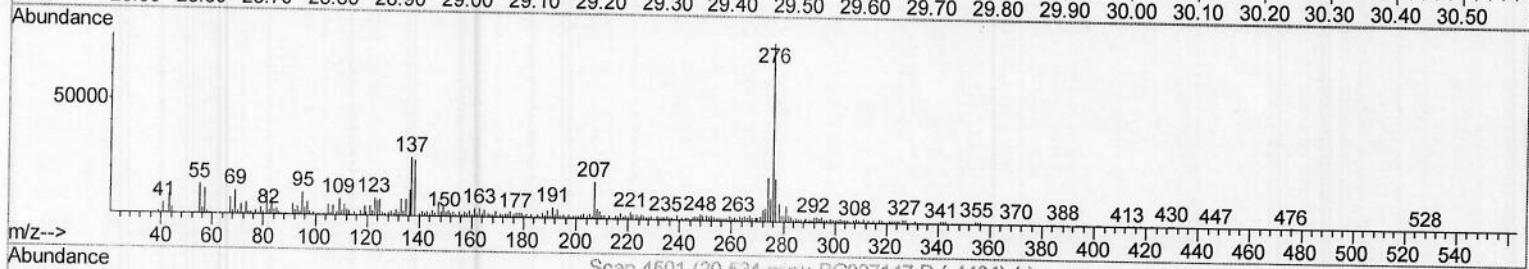
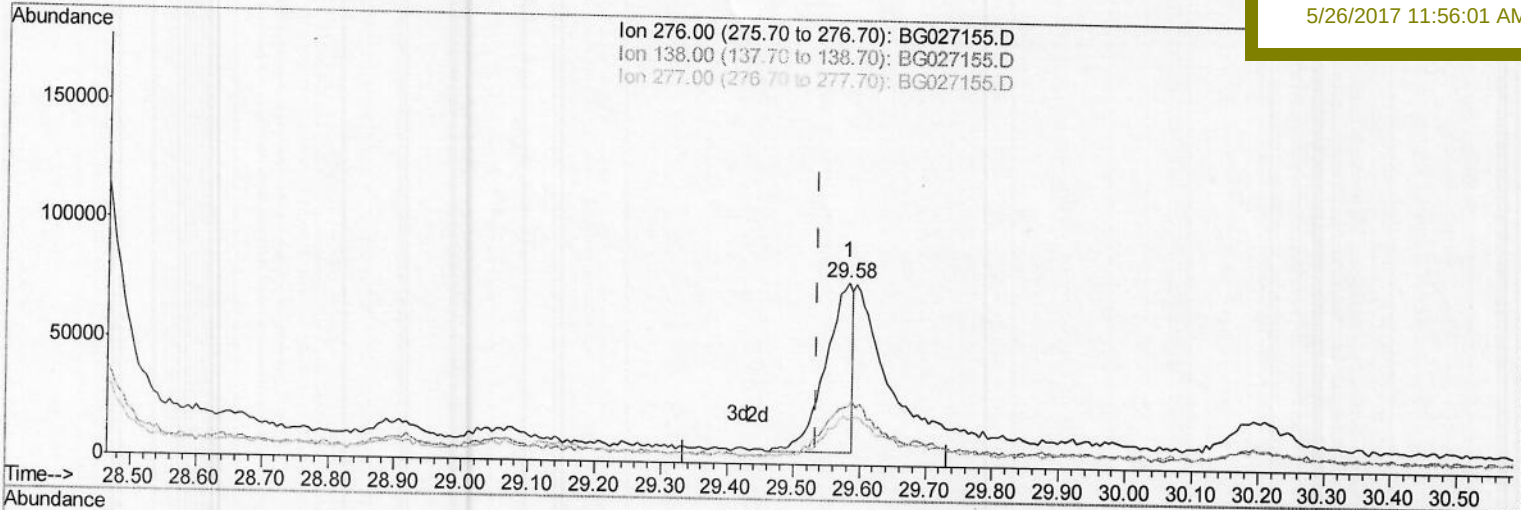
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052617\
 Data File : BG027155.D
 Acq On : 25 May 2017 8:35
 Operator : SJ/MA
 Sample : I3275-20
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: May 25 10:45:20 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 25 06:05:48 2017
 Response via : Initial Calibration

Instrument :
 BNA_G
Client Sample Id :
 DAC73

Manual Integrations
APPROVED

mohammad
 5/26/2017 11:56:01 AM



(29) Benzo(g,h,i)perylene
 29.581min (+0.047) 9.45ng/ul
 response 203593

Ion	Exp%	Act%
276.00	100	100
138.00	19.10	32.07#
277.00	23.70	24.93
0.00	0.00	0.00

Quantitation Report (Qedit)

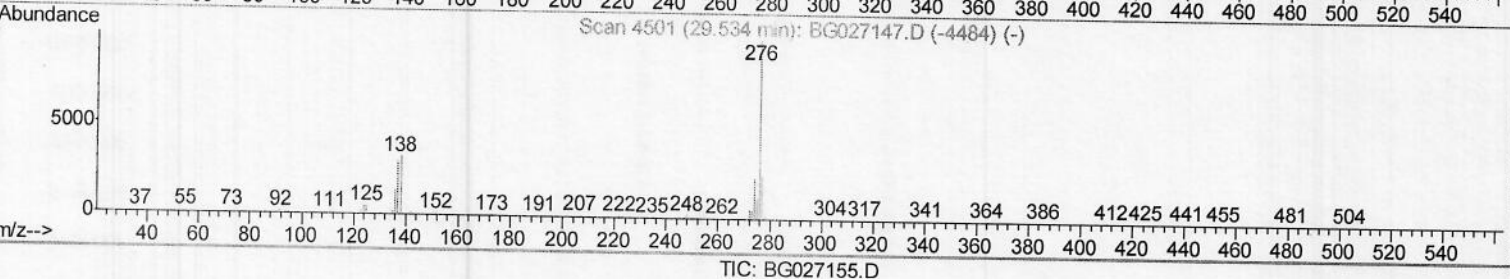
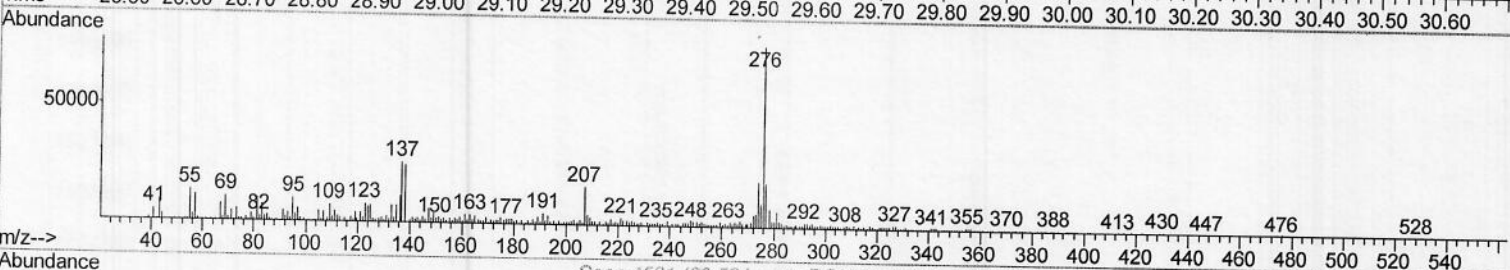
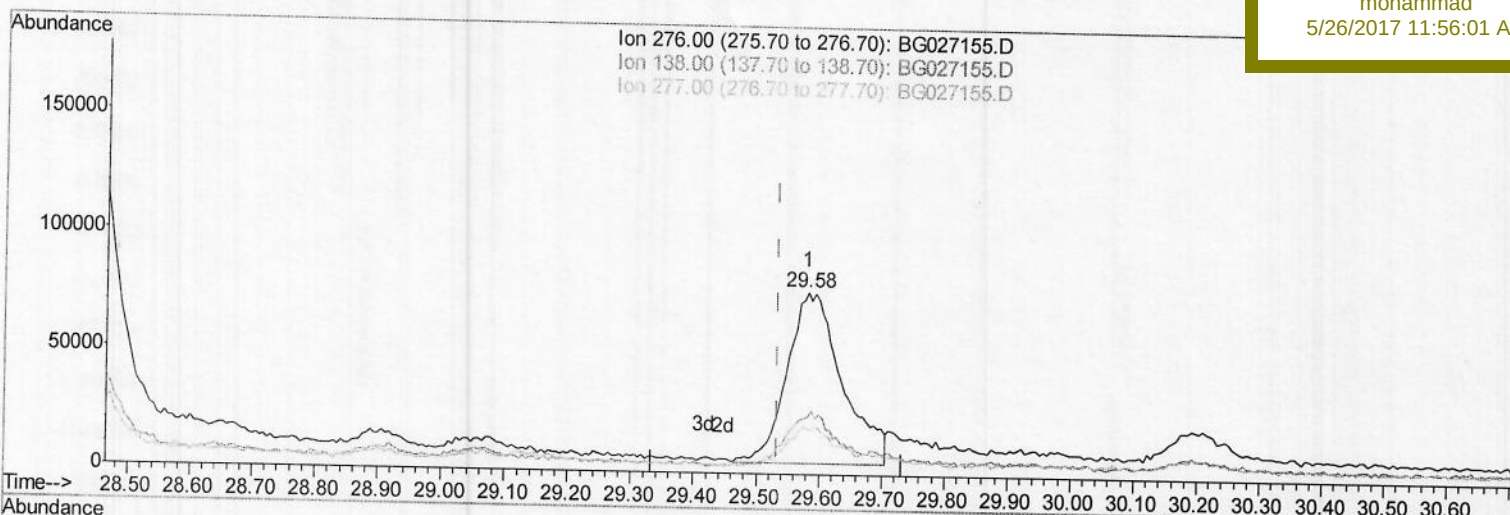
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052617\
 Data File : BG027155.D
 Acq On : 25 May 2017 8:35
 Operator : SJ/MA
 Sample : I3275-20
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: May 25 10:45:20 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 25 06:05:48 2017
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 DAC73

Manual Integrations
 APPROVED

mohammad
 5/26/2017 11:56:01 AM



(29) Benzo(g,h,i)perylene
 29.581min (+0.047) 20.61ng/ul m
 response 444120

5.7
 05/30/17

Ion	Exp%	Act%
276.00	100	100
138.00	19.10	32.07#
277.00	23.70	24.93
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG052617\
 Data File : BG027155.D
 Acq On : 25 May 2017 8:35
 Operator : SJ/MA
 Sample : I3275-20
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: May 25 10:49:20 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 25 06:05:48 2017
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 DAC73

Manual Integrations
 APPROVED

mohammad
 5/26/2017 11:56:01 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	175131	20.00	ng/ul	0.00
2) Naphthalene-d8	10.81	136	795250	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.63	164	389466	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.37	188	712112	20.00	ng/ul	0.00
17) Chrysene-d12	21.63	240	620366	20.00	ng/ul	0.02
22) Perylene-d12	24.80	264	506639	20.00	ng/ul	0.02

System Monitoring Compounds

7) Acenaphthylene-d8	14.32	160	903593	22.62	ng/ul	0.00
10) Fluorene-d10	15.62	176	566617	21.26	ng/ul	0.00
14) Anthracene-d10	17.47	188	784781m	22.60	ng/ul	0.00
18) Pyrene-d10	19.75	212	746108	23.03	ng/ul	0.01
25) Benzo(a)pyrene-d12	24.59	264	573068	22.77	ng/ul	0.02

Target Compounds

						Qvalue
3) Naphthalene	10.86	128	531650	12.89	ng/ul	100
4) 2-Methylnaphthalene	12.46	142	164110	5.37	ng/ul	100
5) 1-Methylnaphthalene	12.68	142	122981	3.74	ng/ul#	95
9) Acenaphthene	14.69	153	531331	19.33	ng/ul	97
11) Fluorene	15.67	166	384026	13.11	ng/ul	96
13) Phenanthrene	17.41	178	3899882m	97.96	ng/ul	
15) Anthracene	17.50	178	1198846	29.31	ng/ul	97
16) Fluoranthene	19.42	202	4527975	111.26	ng/ul#	71
19) Pyrene	19.78	202	3894455	96.05	ng/ul#	71
20) Benzo(a)anthracene	21.60	228	2269516	60.72	ng/ul#	92
21) Chrysene	21.67	228	2180346m	63.54	ng/ul	
23) Benzo(b)fluoranthene	23.81	252	2295922	76.25	ng/ul#	91
24) Benzo(k)fluoranthene	23.86	252	1185818m	38.29	ng/ul	
26) Benzo(a)pyrene	24.66	252	1448978	49.19	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	28.45	276	642139	23.70	ng/ul#	81
28) Dibenzo(a,h)anthracene	28.48	278	150244m	6.43	ng/ul	
29) Benzo(g,h,i)perylene	29.58	276	444120m	20.61	ng/ul	

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

Quant Time: May 25 10:49:20 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 25 06:05:48 2017
Response via : Initial Calibration

Manual Integrations

mohammad
5/26/2017 11:56:01 AM

