

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031717\
Data File : BG026312.D
Acq On : 18 Mar 2017 11:01
Operator : SJ/MA
Sample : I2283-13
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Mar 20 03:46:32 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030317-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 20 03:22:51 2017
Response via : Initial Calibration

Instrument :

BNA_G

Client Sample ID :

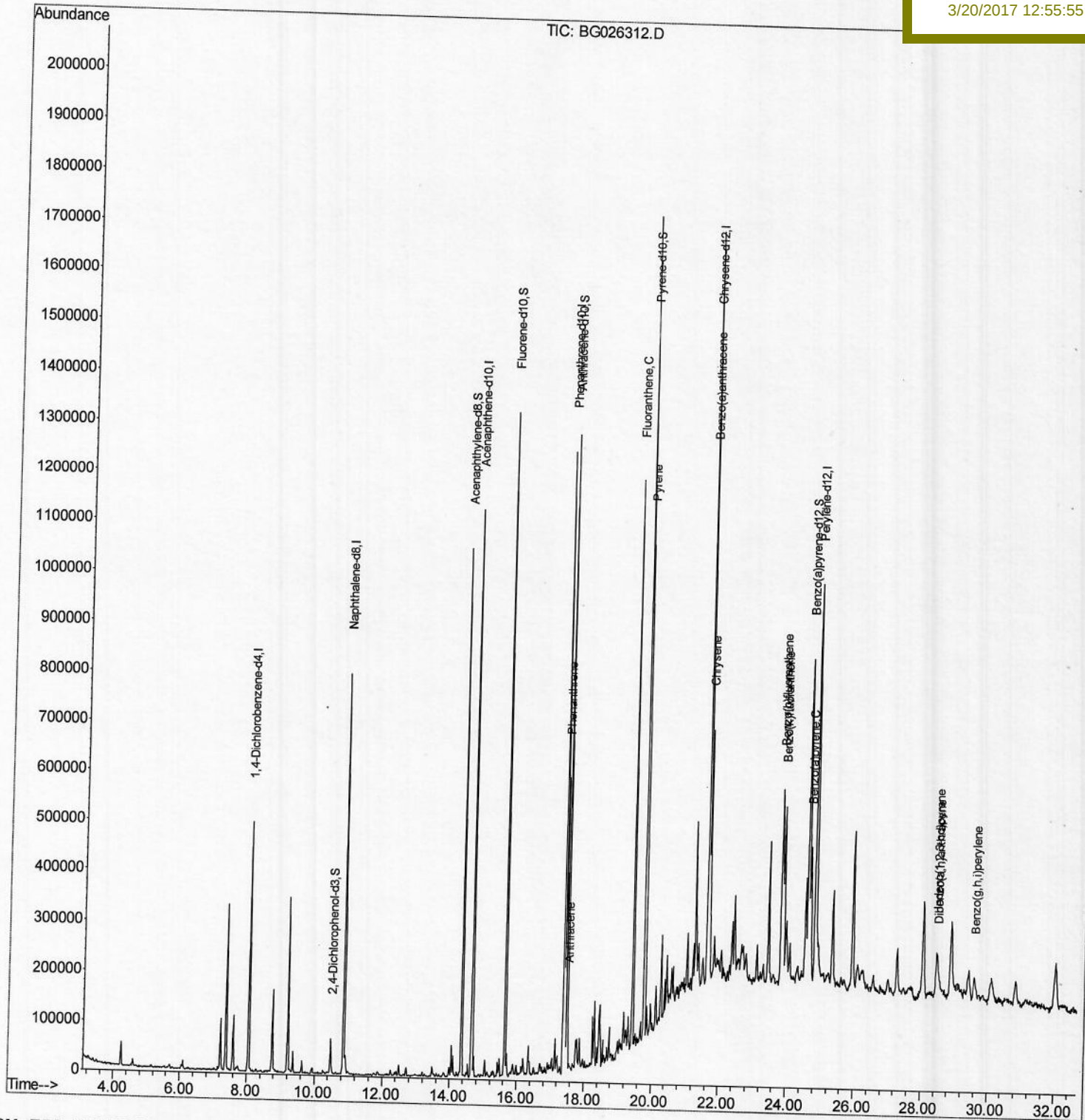
CB312

Manual Integrations

APPROVED

mohammad

3/20/2017 12:55:55 PM



Quantitation Report (Qedit)

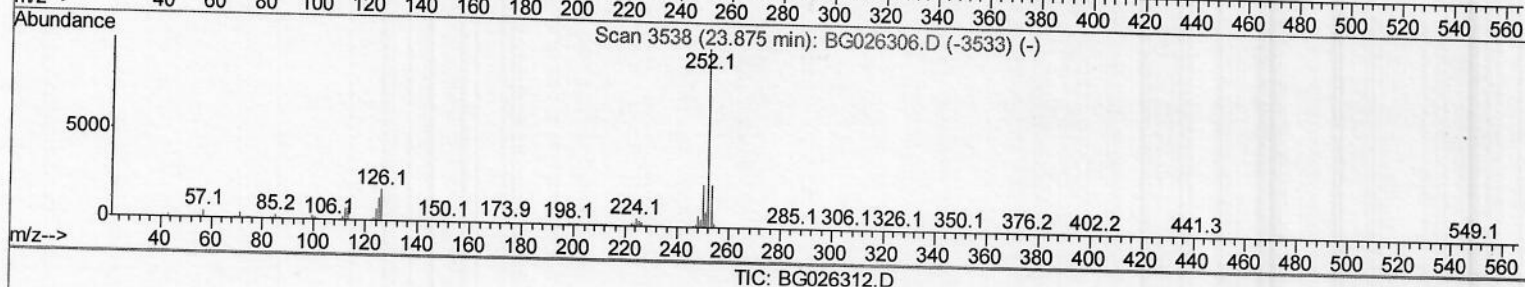
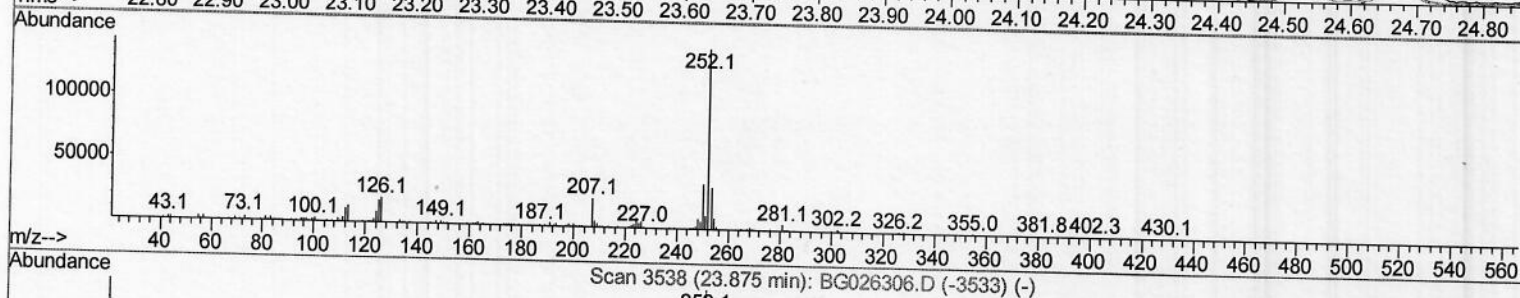
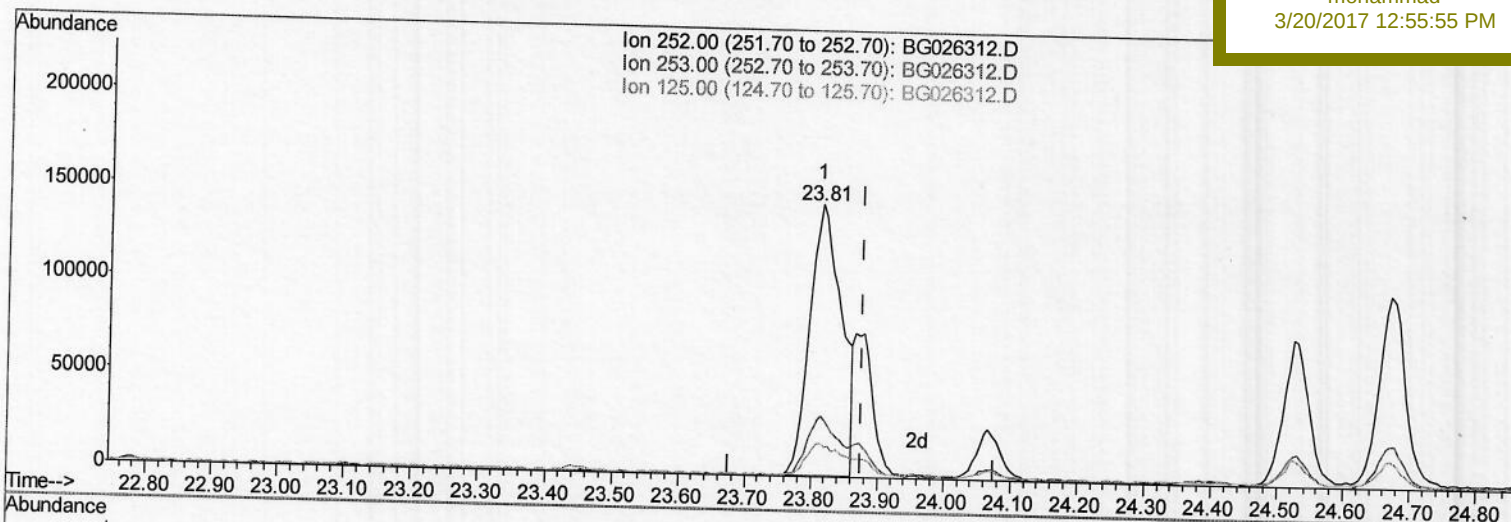
Data Path : Z:\HPCHEM1\BNA G\DATA\BG031717\
 Data File : BG026312.D
 Acq On : 18 Mar 2017 11:01
 Operator : SJ/MA
 Sample : I2283-13
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Quant Time: Mar 20 03:24:24 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030317-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 20 03:22:51 2017
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 CB312

Manual Integrations
 APPROVED

mohammad
 3/20/2017 12:55:55 PM



(25) Benzo(k)fluoranthene

23.813min (-0.062) 11.80ng/ul

response 480085

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	22.41
125.00	11.00	12.41
0.00	0.00	0.00

Quantitation Report (Qedit)

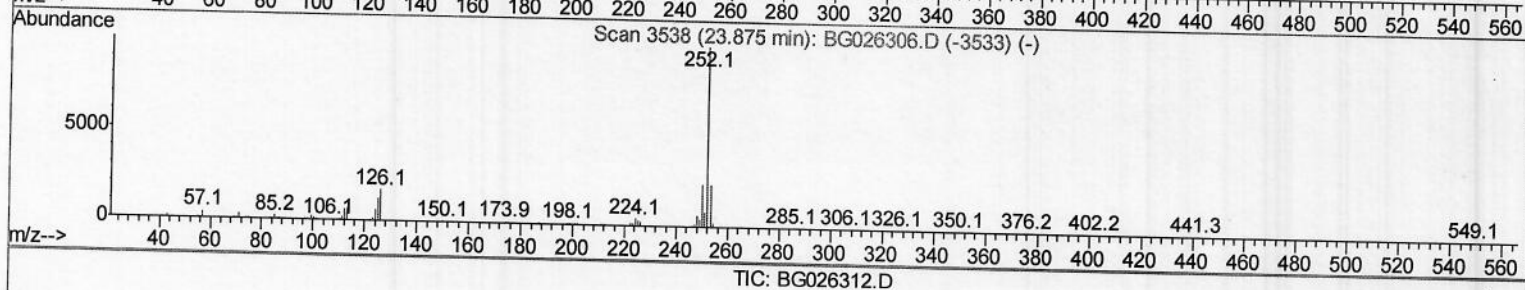
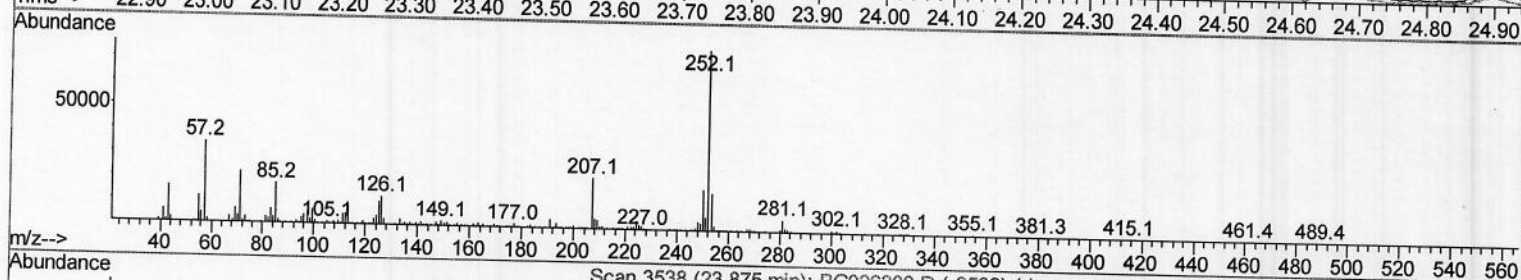
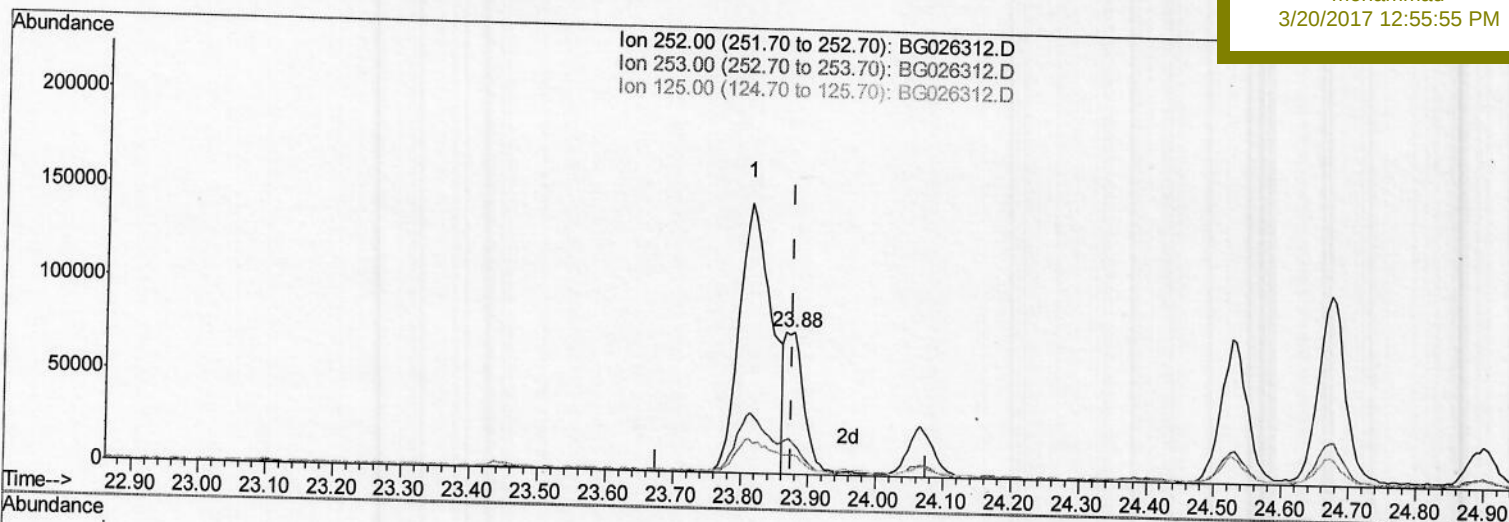
Data Path : Z:\HPCHEM1\BNA G\DATA\BG031717\
 Data File : BG026312.D
 Acq On : 18 Mar 2017 11:01
 Operator : SJ/MA
 Sample : I2283-13
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Quant Time: Mar 20 03:24:24 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030317-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 20 03:22:51 2017
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 CB312

Manual Integrations
 APPROVED

mohammad
 3/20/2017 12:55:55 PM



(25) Benzo(k)fluoranthene

23.878min (+0.003) 3.71ng/ul m

response 151169

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	21.07
125.00	11.00	13.02
0.00	0.00	0.00

55
 03/20/2017

Quantitation Report (Qedit)

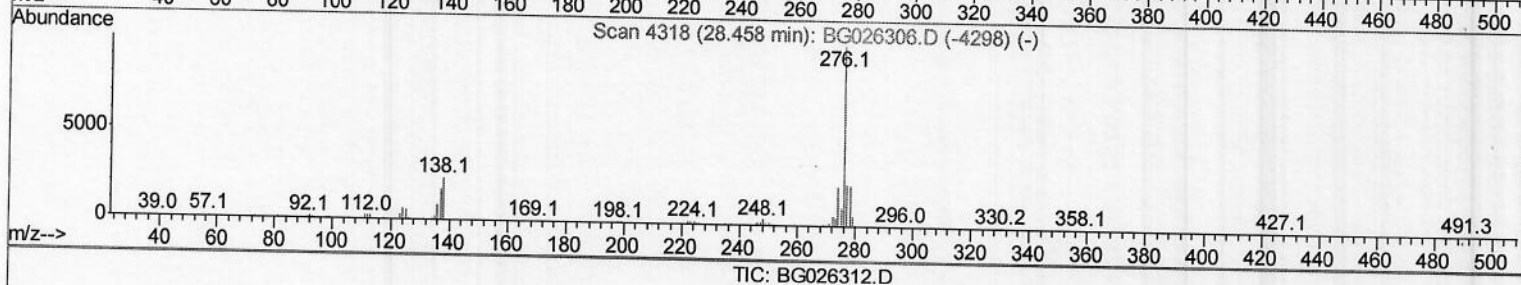
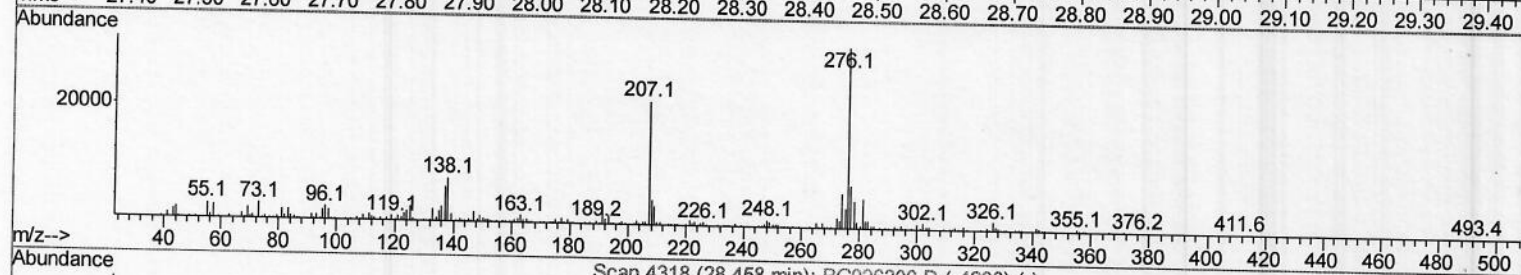
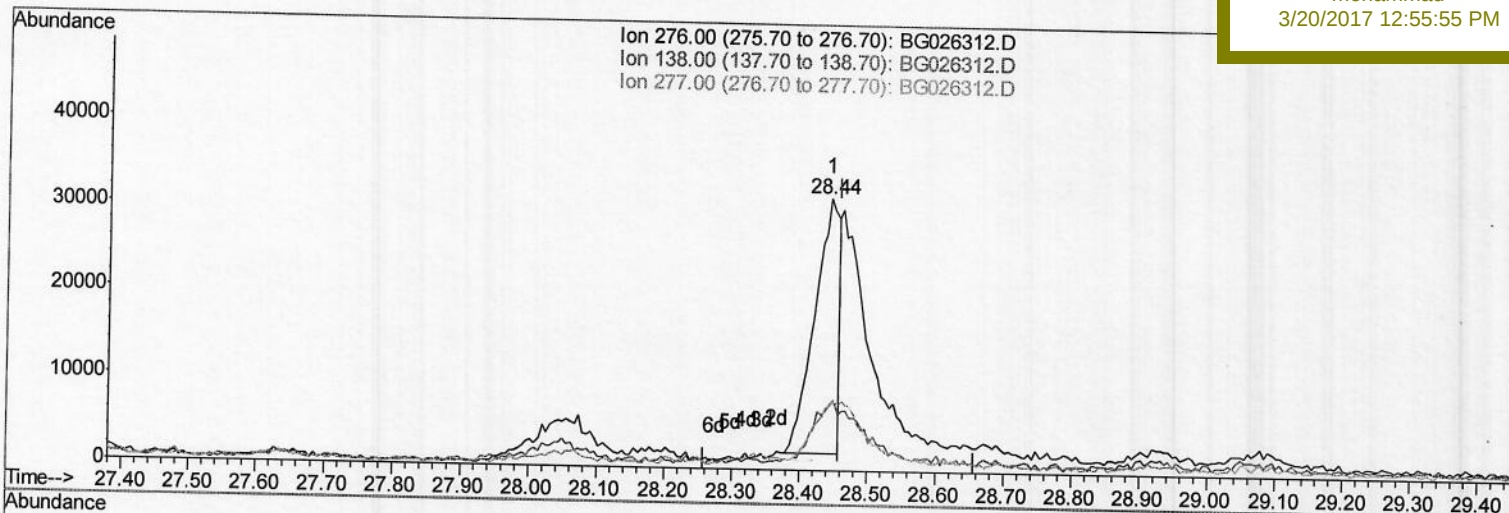
Data Path : Z:\HPCHEM1\BNA G\DATA\BG031717\
 Data File : BG026312.D
 Acq On : 18 Mar 2017 11:01
 Operator : SJ/MA
 Sample : I2283-13
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Quant Time: Mar 20 03:24:24 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030317-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 20 03:22:51 2017
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 CB312

Manual Integrations
 APPROVED

mohammad
 3/20/2017 12:55:55 PM



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

28.443min (-0.015) 1.66ng/ul

response 72732

Ion	Exp%	Act%
276.00	100	100
138.00	22.20	24.15
277.00	24.20	23.45
0.00	0.00	0.00

Quantitation Report (Qedit)

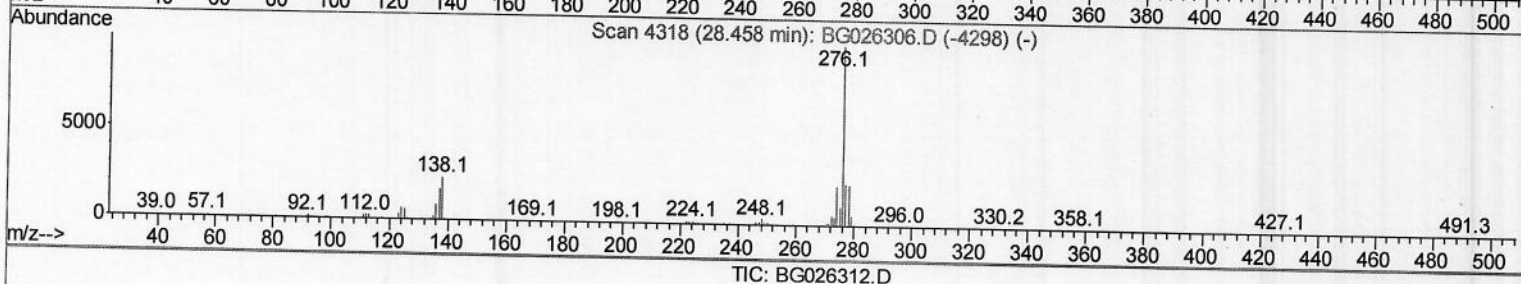
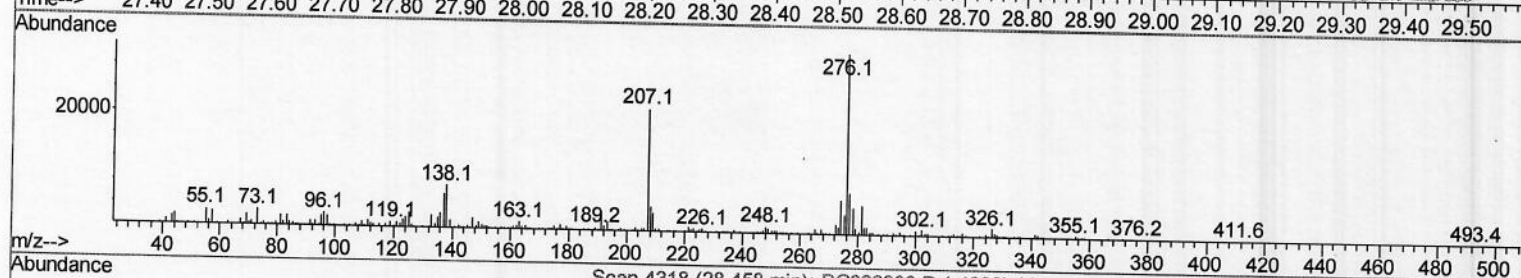
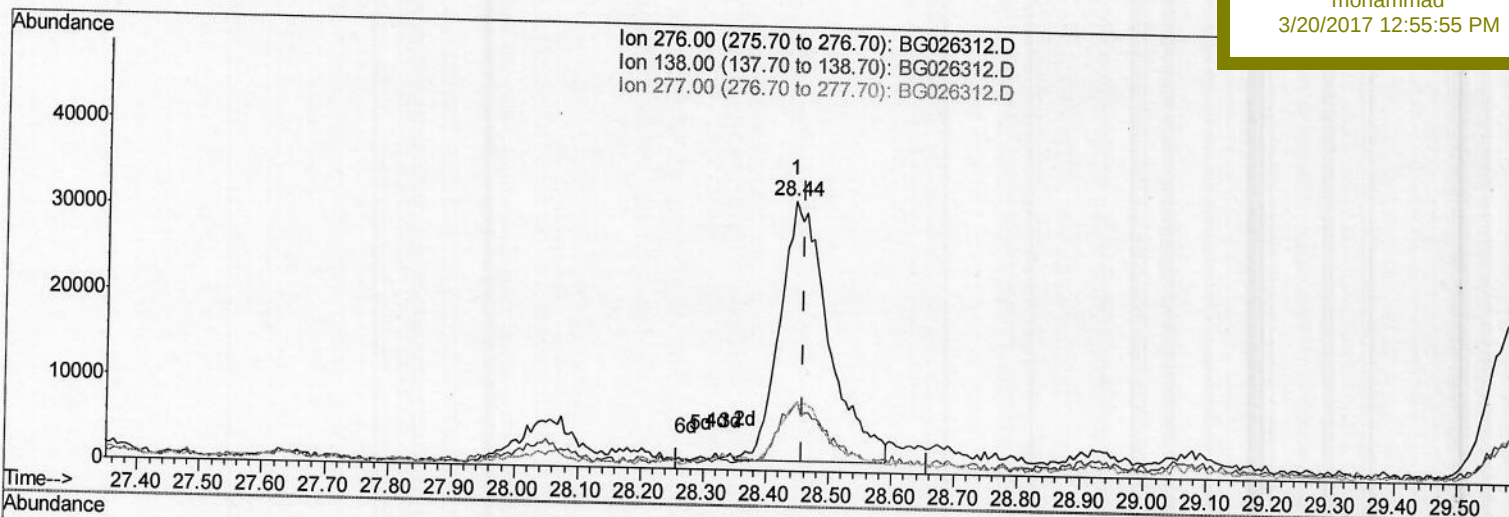
Data Path : Z:\HPCHEM1\BNA G\DATA\BG031717\
 Data File : BG026312.D
 Acq On : 18 Mar 2017 11:01
 Operator : SJ/MA
 Sample : I2283-13
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Quant Time: Mar 20 03:24:24 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030317-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 20 03:22:51 2017
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampled :
 CB312

Manual Integrations
 APPROVED

mohammad
 3/20/2017 12:55:55 PM



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

28.443min (-0.015) 3.78ng/ul m

response 165213

Ion	Exp%	Act%
276.00	100	100
138.00	22.20	24.15
277.00	24.20	23.45
0.00	0.00	0.00

35
 03/20/2017

Quantitation Report (Qedit)

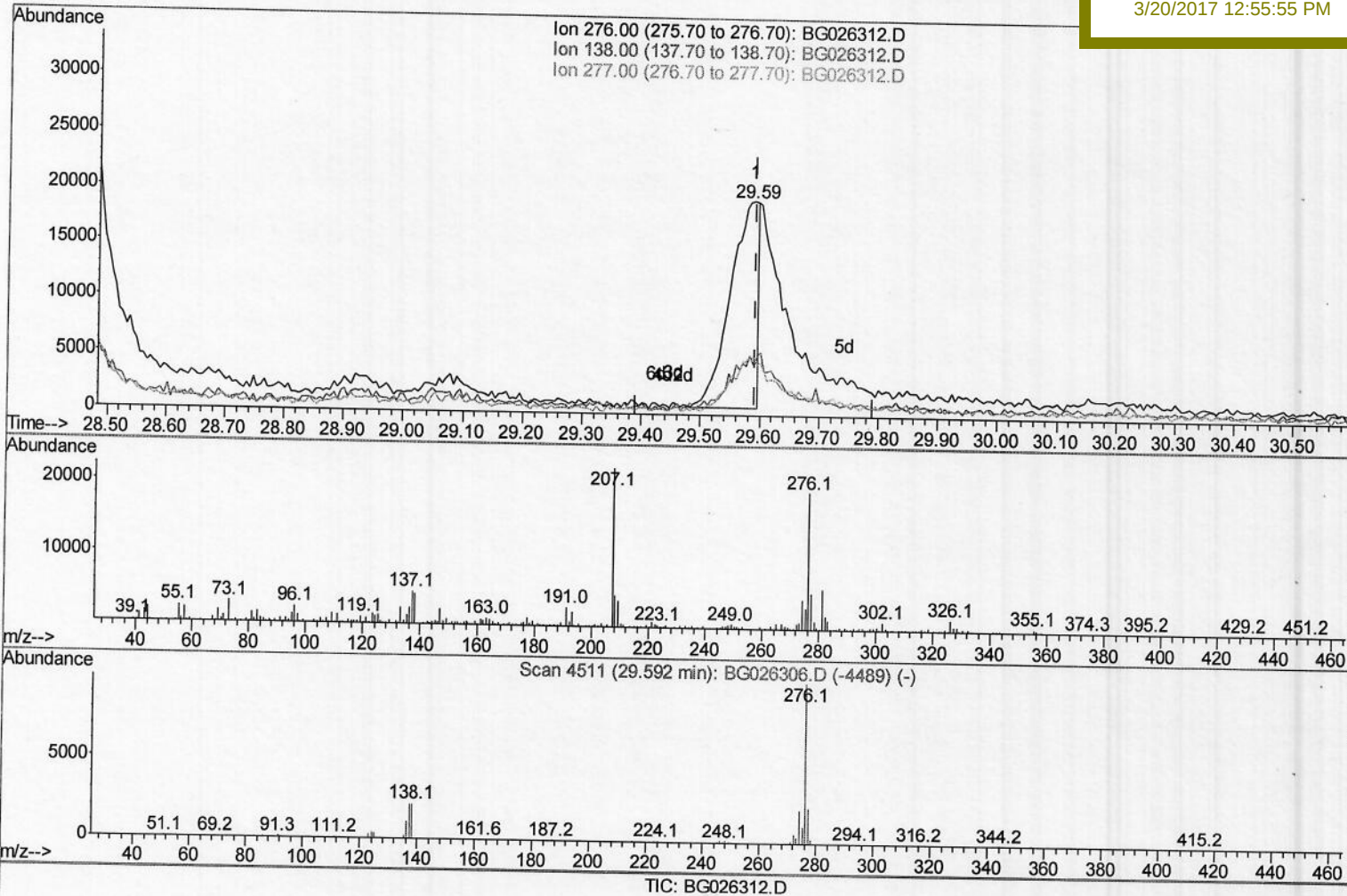
Data Path : Z:\HPCHEM1\BNA G\DATA\BG031717\
 Data File : BG026312.D
 Acq On : 18 Mar 2017 11:01
 Operator : SJ/MA
 Sample : I2283-13
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB312

Quant Time: Mar 20 03:24:24 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030317-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 20 03:22:51 2017
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 3/20/2017 12:55:55 PM



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

29.589min (-0.003) 1.61ng/ul

response 60162

Ion	Exp%	Act%
276.00	100	100
138.00	23.70	22.87
277.00	24.60	27.11
0.00	0.00	0.00

Quantitation Report (Qedit)

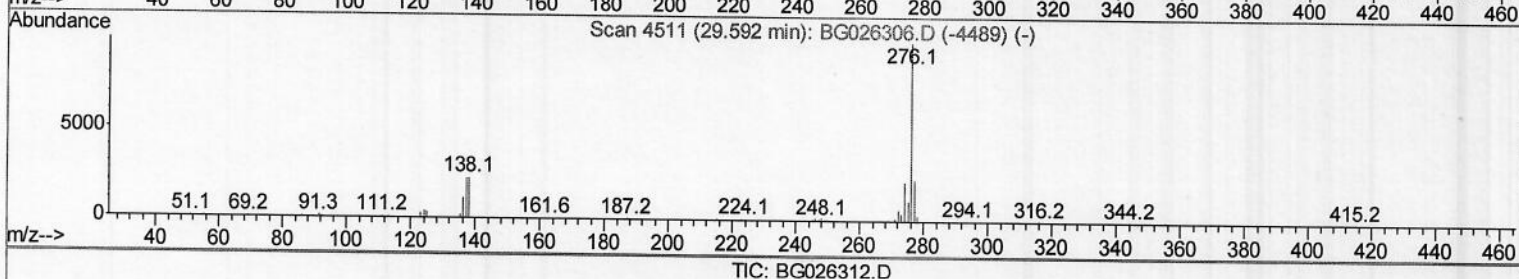
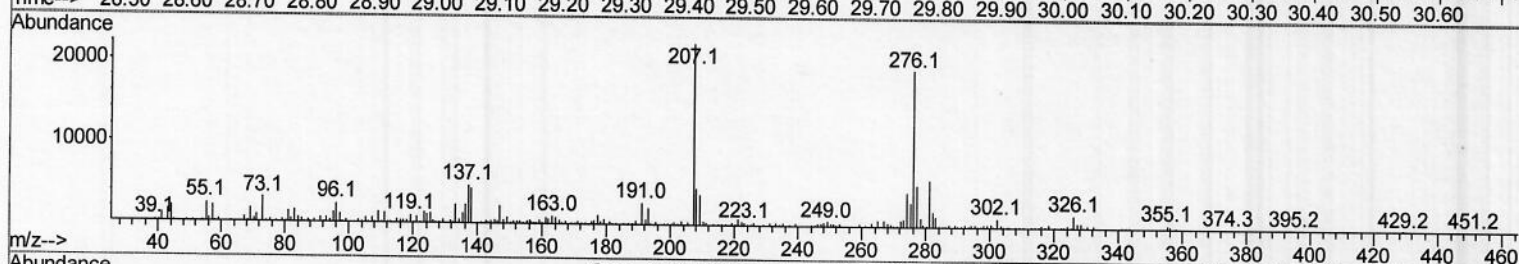
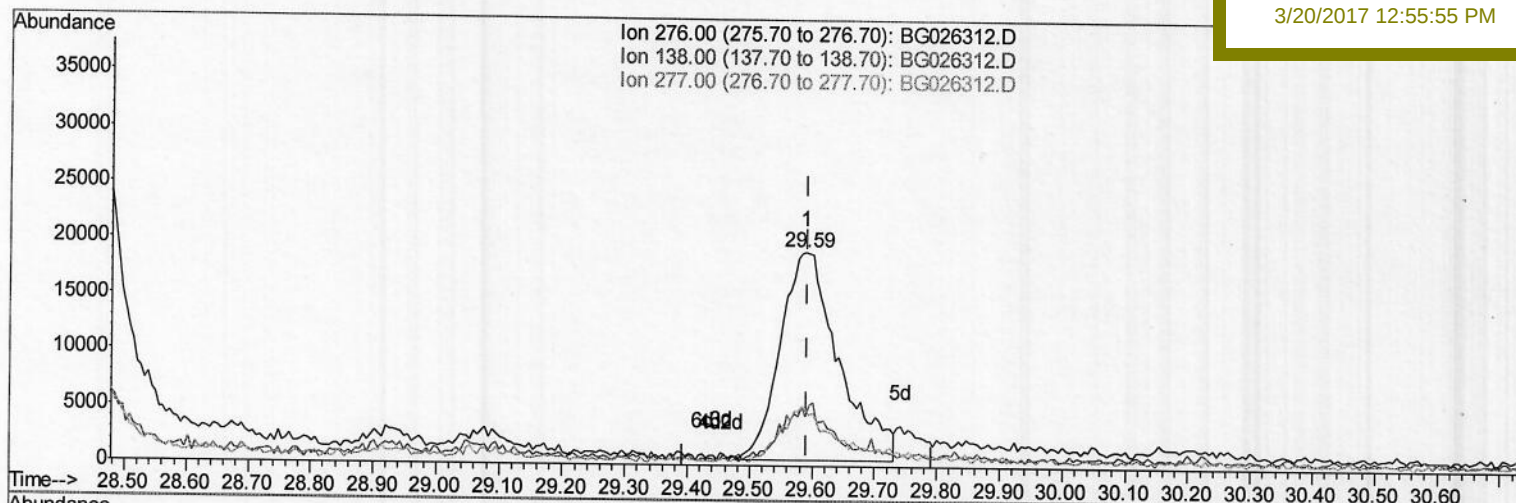
Data Path : Z:\HPCHEM1\BNA G\DATA\BG031717\
 Data File : BG026312.D
 Acq On : 18 Mar 2017 11:01
 Operator : SJ/MA
 Sample : I2283-13
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Quant Time: Mar 20 03:24:24 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030317-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 20 03:22:51 2017
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 CB312

Manual Integrations
 APPROVED

mohammad
 3/20/2017 12:55:55 PM



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

29.589min (-0.003) 3.22ng/ul m

response 120485

Ion	Exp%	Act%
276.00	100	100
138.00	23.70	22.87
277.00	24.60	27.11
0.00	0.00	0.00

SJ
 03/20/2017

Quantitation Report (Qedit)

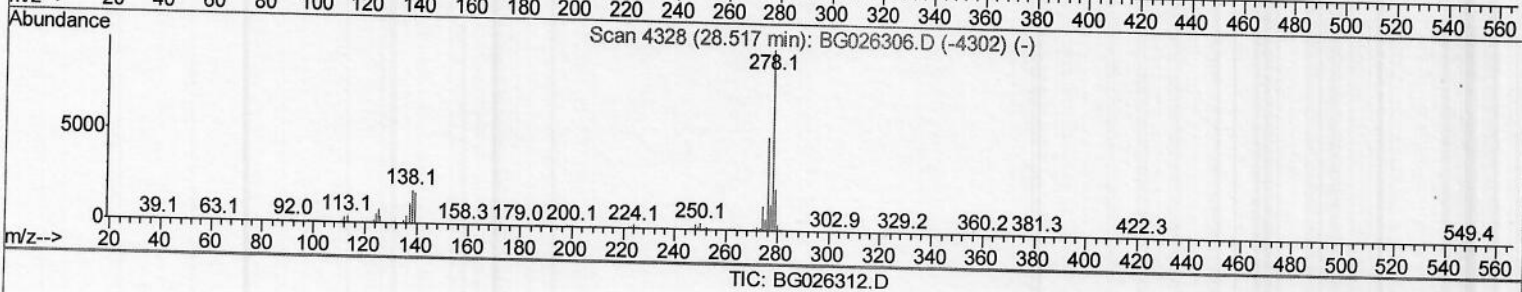
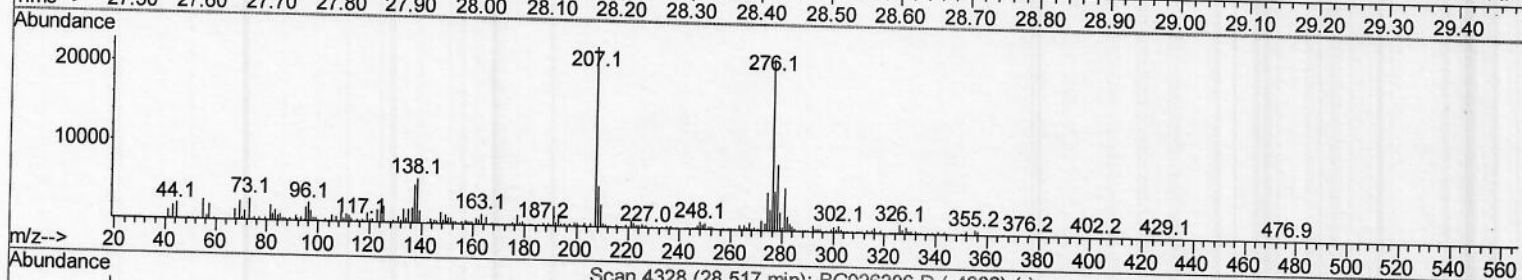
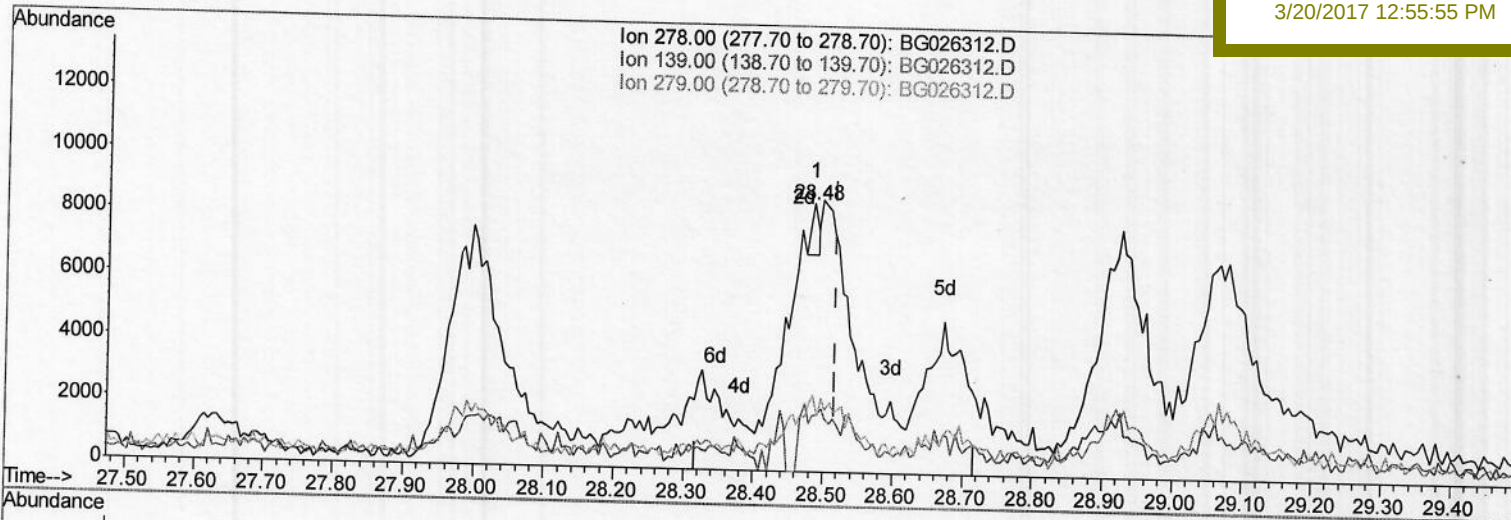
Data Path : Z:\HPCHEM1\BNA G\DATA\BG031717\
 Data File : BG026312.D
 Acq On : 18 Mar 2017 11:01
 Operator : SJ/MA
 Sample : I2283-13
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB312

Manual Integrations
 APPROVED

mohammad
 3/20/2017 12:55:55 PM

Quant Time: Mar 20 03:45:54 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030317-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 20 03:22:51 2017
 Response via : Initial Calibration



(29) Dibenzo(a,h)anthracene

28.484min (-0.033) 0.03ng/ul

response 1179

Ion	Exp%	Act%
278.00	100	100
139.00	17.50	20.76
279.00	25.80	28.59
0.00	0.00	0.00

Quantitation Report (Qedit)

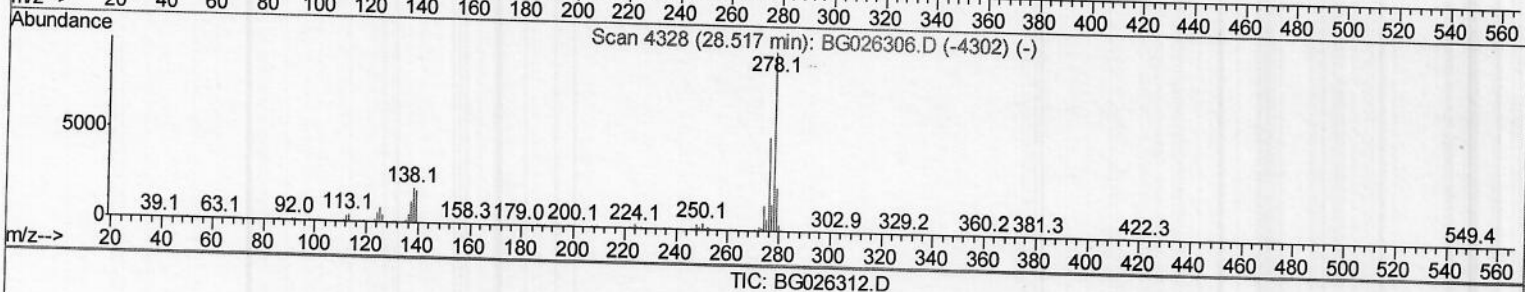
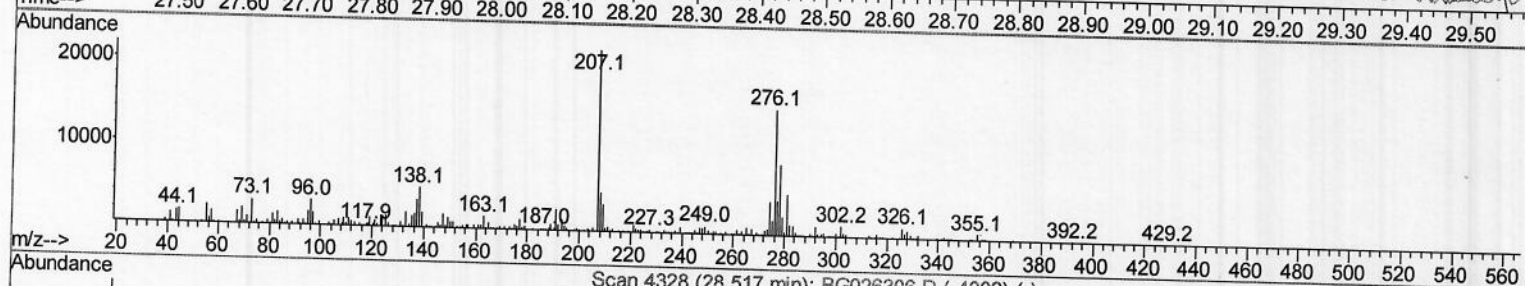
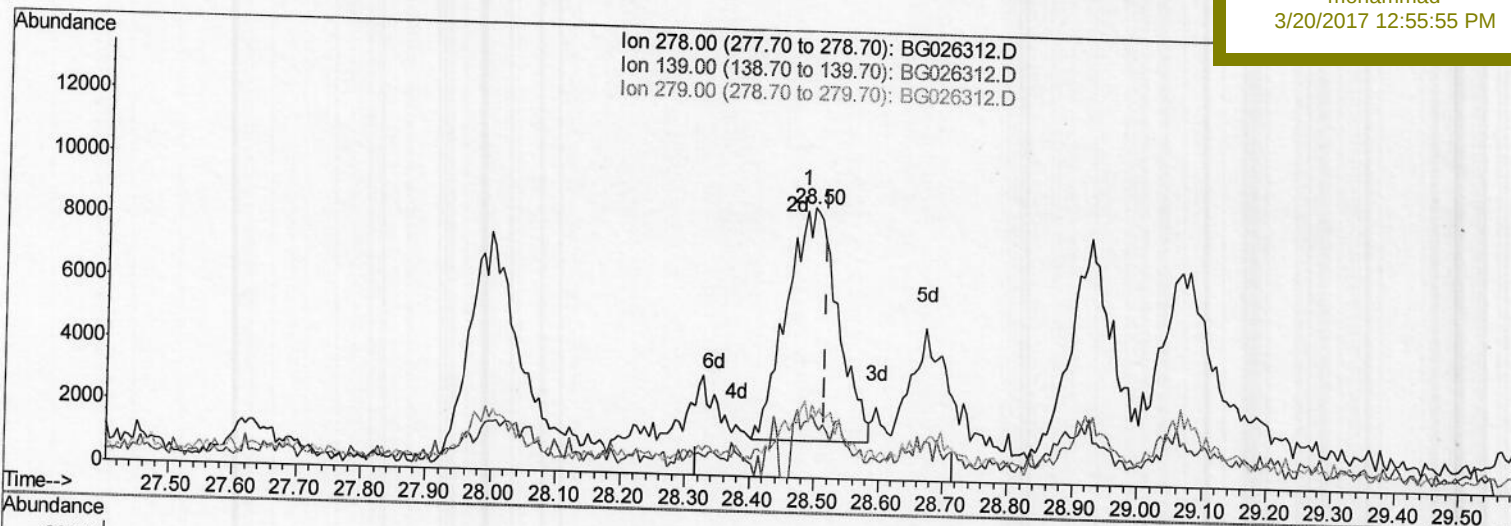
Data Path : Z:\HPCHEM1\BNA G\DATA\BG031717\
 Data File : BG026312.D
 Acq On : 18 Mar 2017 11:01
 Operator : SJ/MA
 Sample : I2283-13
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Quant Time: Mar 20 03:45:54 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030317-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 20 03:22:51 2017
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 CB312

Manual Integrations
 APPROVED

mohammad
 3/20/2017 12:55:55 PM



TIC: BG026312.D

(29) Dibenzo(a,h)anthracene

28.496min (-0.021) 1.18ng/ul m

response 41051

Ion Exp% Act%

278.00 100 100

139.00 17.50 23.13#

279.00 25.80 27.03

0.00 0.00 0.00

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031717\
 Data File : BG026312.D
 Acq On : 18 Mar 2017 11:01
 Operator : SJ/MA
 Sample : I2283-13
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Quant Time: Mar 20 03:46:32 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030317-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 20 03:22:51 2017
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 CB312

Manual Integrations
 APPROVED

mohammad
 3/20/2017 12:55:55 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	161342	20.00	ng/ul	0.00
2) Naphthalene-d8	10.85	136	728471	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	397753	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	783571	20.00	ng/ul	0.00
18) Chrysene-d12	21.64	240	785509	20.00	ng/ul	0.00
23) Perylene-d12	24.82	264	750766	20.00	ng/ul	0.00

System Monitoring Compounds

3) 2,4-Dichlorophenol-d3	10.48	165	34462	3.19	ng/uL	0.00
7) Acenaphthylene-d8	14.35	160	793975	23.41	ng/ul	0.00
10) Fluorene-d10	15.64	176	571969	23.12	ng/ul	0.00
15) Anthracene-d10	17.49	188	763807	21.93	ng/ul	0.00
19) Pyrene-d10	19.77	212	774150	19.31	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.61	264	682190	21.07	ng/ul	0.00

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
14) Phenanthrene	17.43	178	371617	8.95	ng/ul	98
16) Anthracene	17.52	178	71197	1.70	ng/ul	98
17) Fluoranthene	19.43	202	688844	15.98	ng/ul	99
20) Pyrene	19.79	202	598110	11.96	ng/ul	99
21) Benzo(a)anthracene	21.62	228	355733	8.14	ng/ul	99
22) Chrysene	21.68	228	343331	8.42	ng/ul	99
24) Benzo(b)fluoranthene	23.81	252	480085	11.26	ng/ul	99
25) Benzo(k)fluoranthene	23.88	252	151169m	3.71	ng/ul	97
27) Benzo(a)pyrene	24.67	252	273438	6.90	ng/ul	
28) Indeno(1,2,3-cd)pyrene	28.44	276	165213m	3.78	ng/ul	
29) Dibenzo(a,h)anthracene	28.50	278	41051m	1.18	ng/ul	
30) Benzo(a,h,i)perylene	29.59	276	120485m	3.22	ng/ul	

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

ST
 03/20/2017