

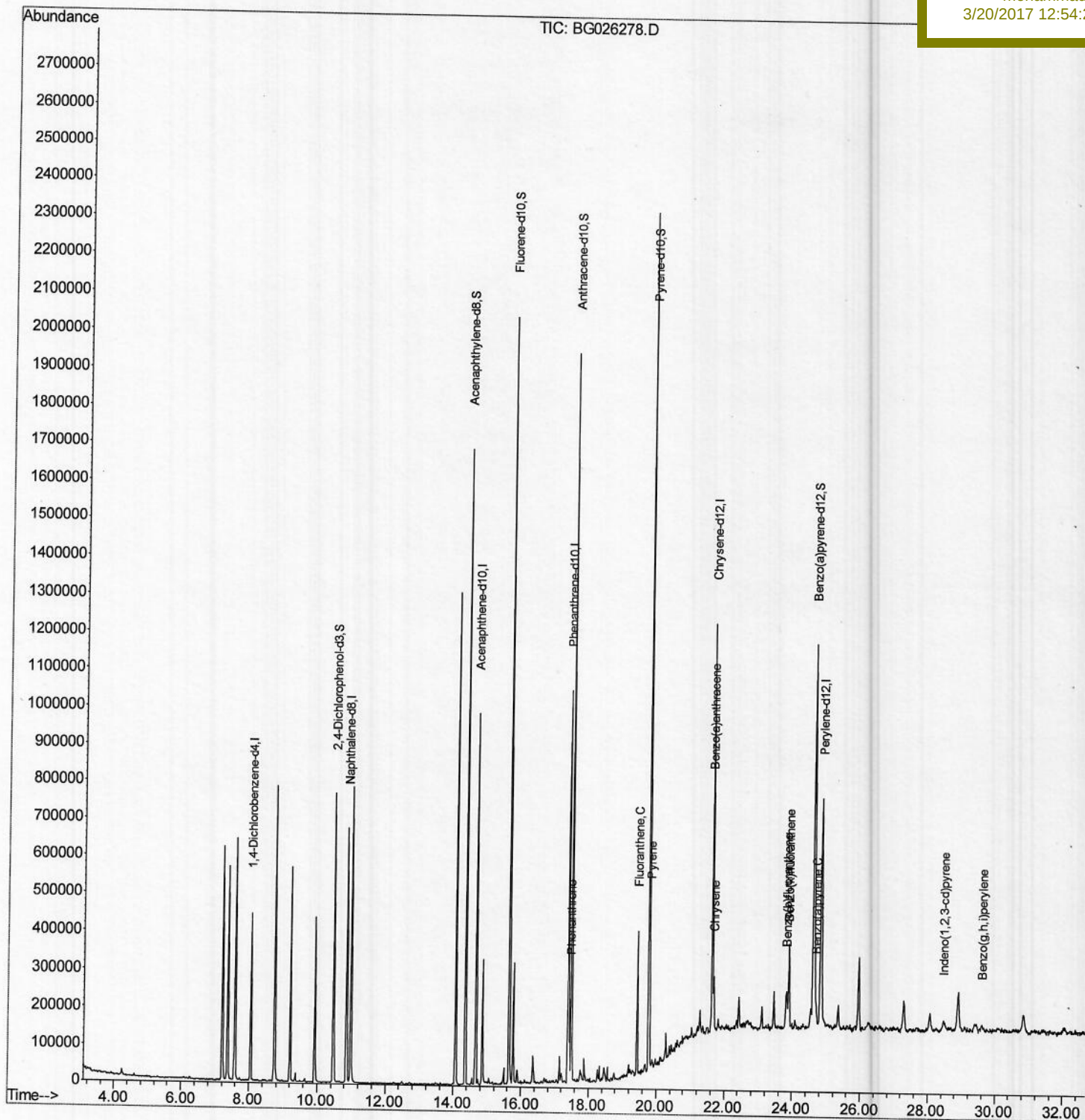
Data Path : Z:\HPCHEM1\BNA_G\Data\BG031717\
Data File : BG026278.D
Acq On : 17 Mar 2017 12:06
Operator : SJ/MA
Sample : I2217-09
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 17 14:48:50 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030317-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 17 14:43:33 2017
Response via : Initial Calibration

Instrument :
BNA_G
Client Sample ID :
CB2X3

Manual Integrations
APPROVED

mohammad
3/20/2017 12:54:26 PM



Quantitation Report (Qedit)

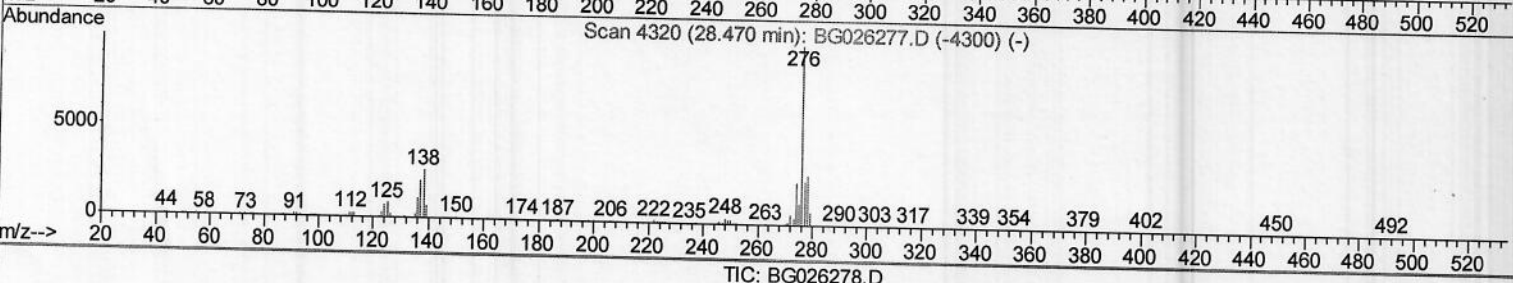
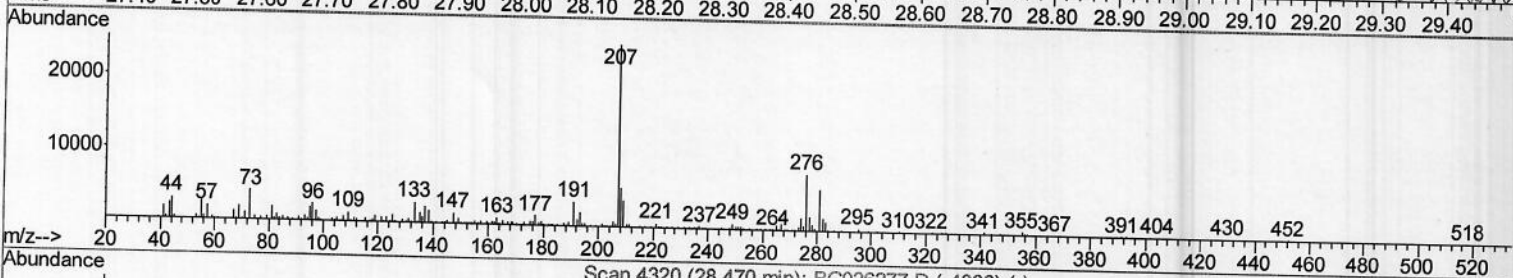
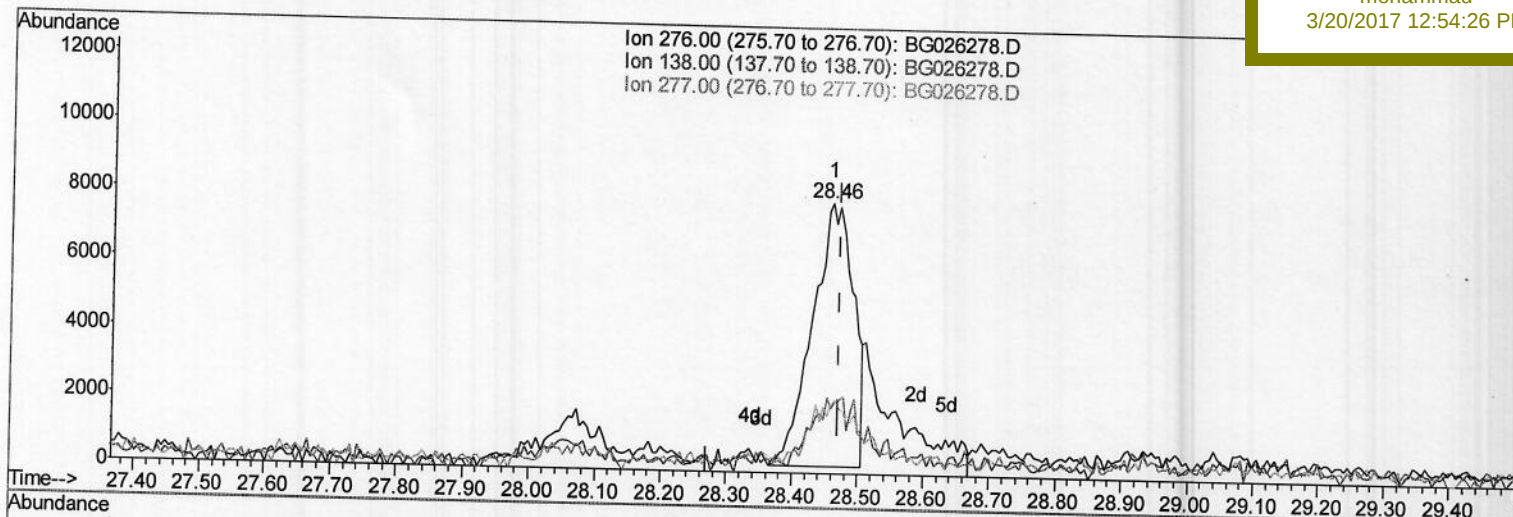
Data Path : Z:\HPCHEM1\BNA_G\Data\BG031717\
 Data File : BG026278.D
 Acq On : 17 Mar 2017 12:06
 Operator : SJ/MA
 Sample : I2217-09
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 17 14:45:46 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030317-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 17 14:43:33 2017
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 CB2X3

Manual Integrations
 APPROVED

mohammad
 3/20/2017 12:54:26 PM



TIC: BG026278.D

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

28.458min (-0.011) 1.05ng/ul

response 33380

Ion	Exp%	Act%
276.00	100	100
138.00	22.20	24.18
277.00	24.20	25.56
0.00	0.00	0.00

Quantitation Report (Qedit)

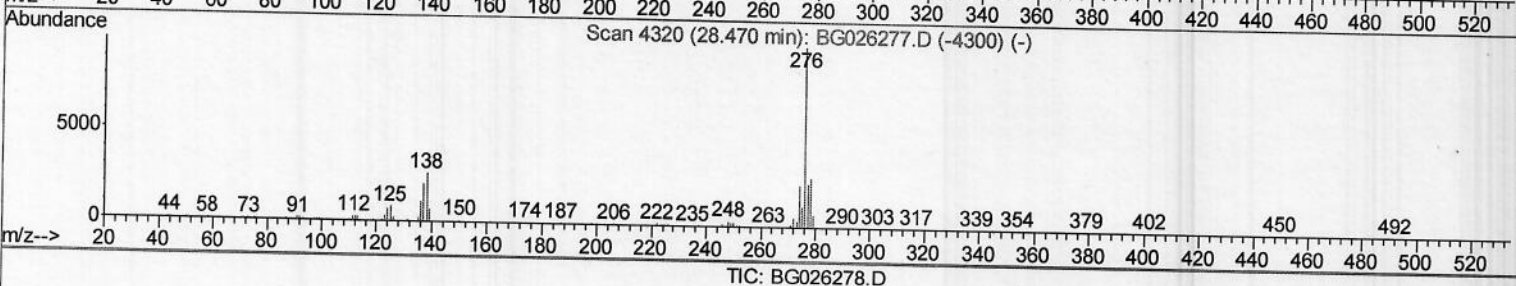
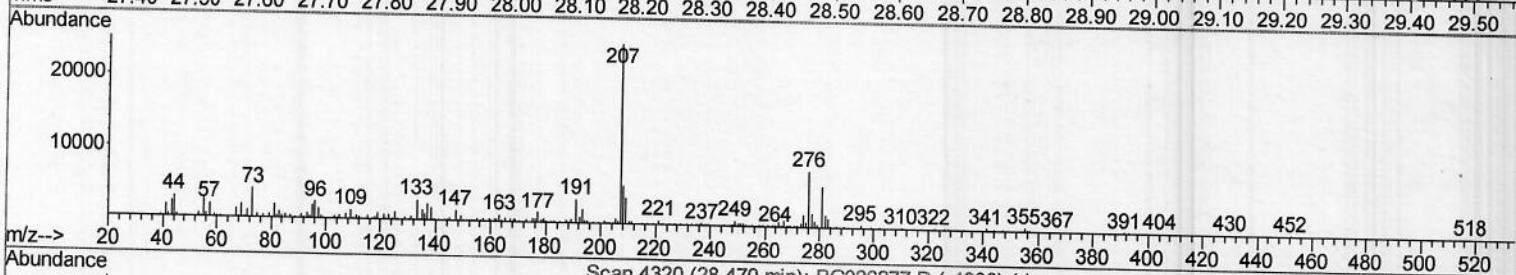
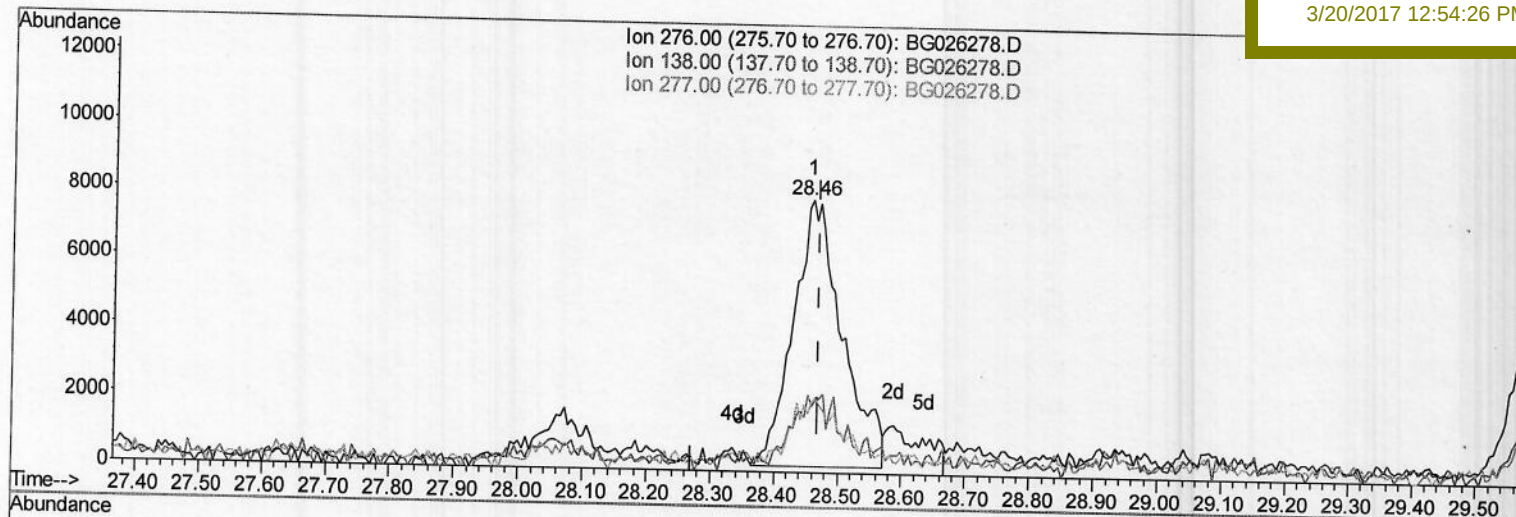
Data Path : Z:\HPCHEM1\BNA_G\Data\BG031717\
 Data File : BG026278.D
 Acq On : 17 Mar 2017 12:06
 Operator : SJ/MA
 Sample : I2217-09
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB2X3

Quant Time: Mar 17 14:45:46 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030317-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 17 14:43:33 2017
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 3/20/2017 12:54:26 PM



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

28.458min (-0.011) 1.30ng/ul m

response 41198

SJ
 03/20/2017

Ion	Exp%	Act%
276.00	100	100
138.00	22.20	24.18
277.00	24.20	25.56
0.00	0.00	0.00

Quantitation Report (Qedit)

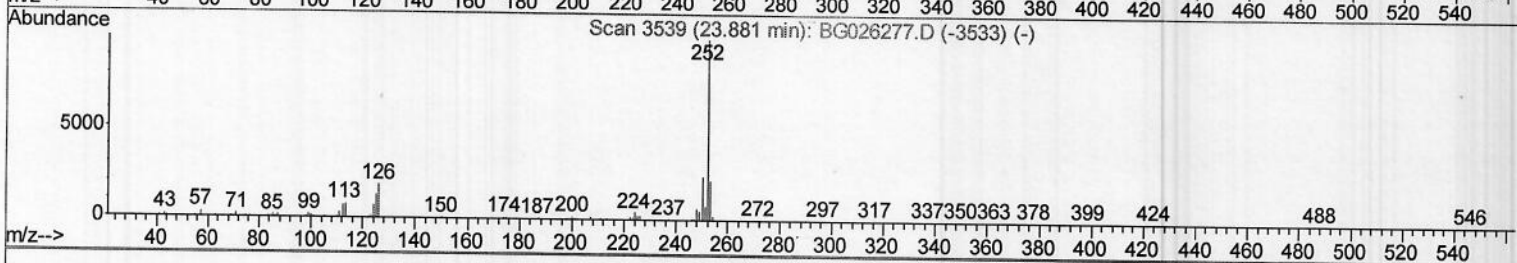
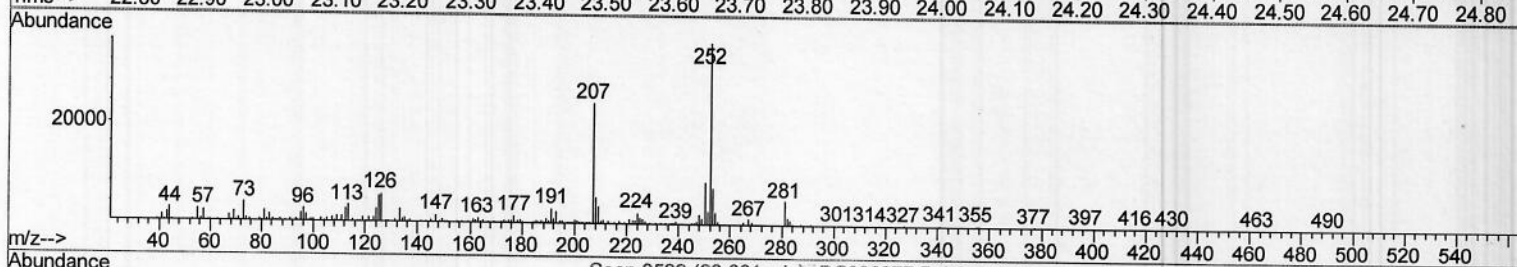
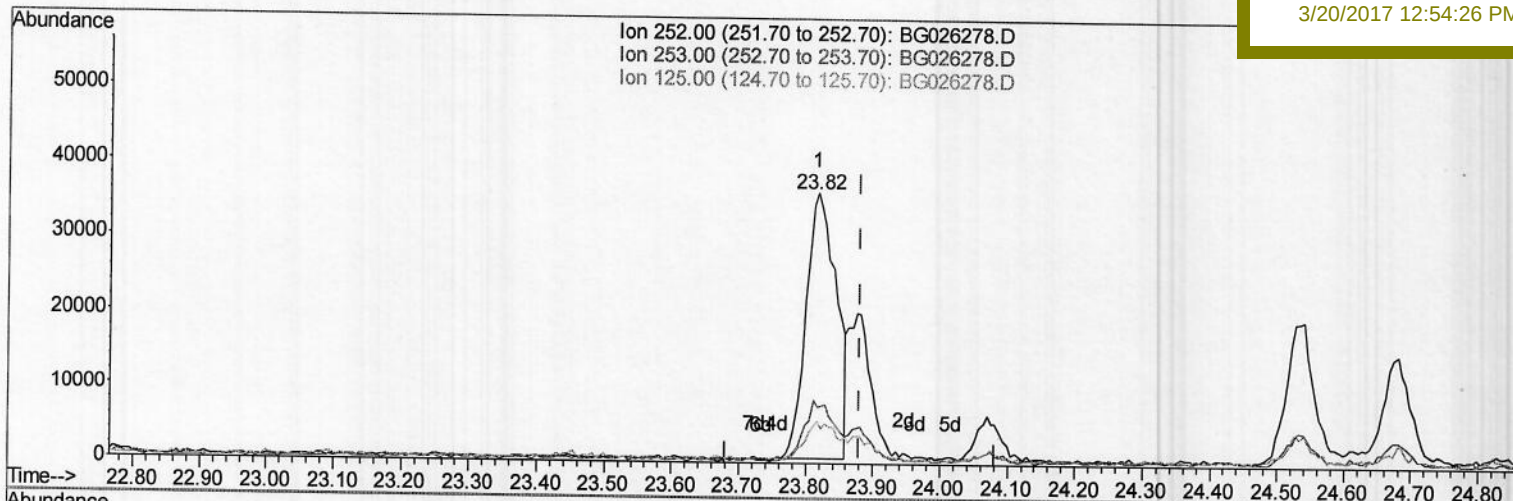
Data Path : Z:\HPCHEM1\BNA_G\Data\BG031717\
 Data File : BG026278.D
 Acq On : 17 Mar 2017 12:06
 Operator : SJ/MA
 Sample : I2217-09
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 17 14:48:03 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030317-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 17 14:43:33 2017
 Response via : Initial Calibration

Instrument :
 BNA_G
ClientSampleId :
 CB2X3

Manual Integrations
APPROVED

mohammad
 3/20/2017 12:54:26 PM



TIC: BG026278.D

(25) Benzo(k)fluoranthene
 23.817min (-0.064) 3.81ng/ul
 response 112051

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	20.71
125.00	11.00	15.31#
0.00	0.00	0.00

Quantitation Report (Qedit)

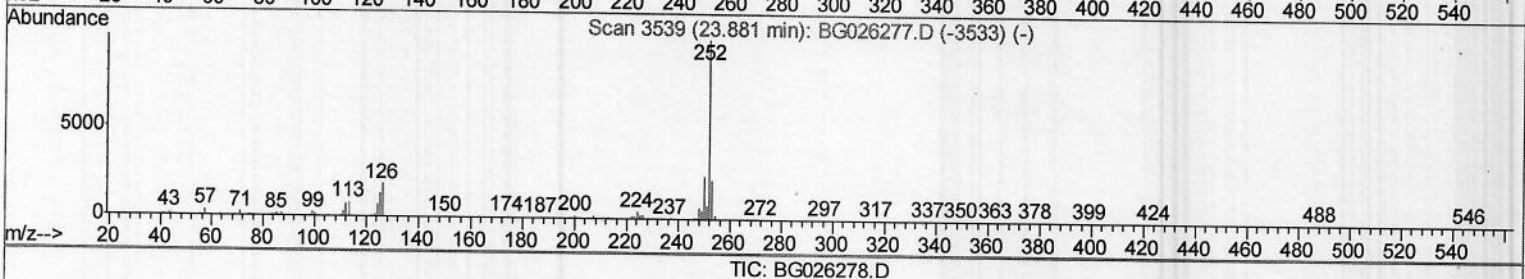
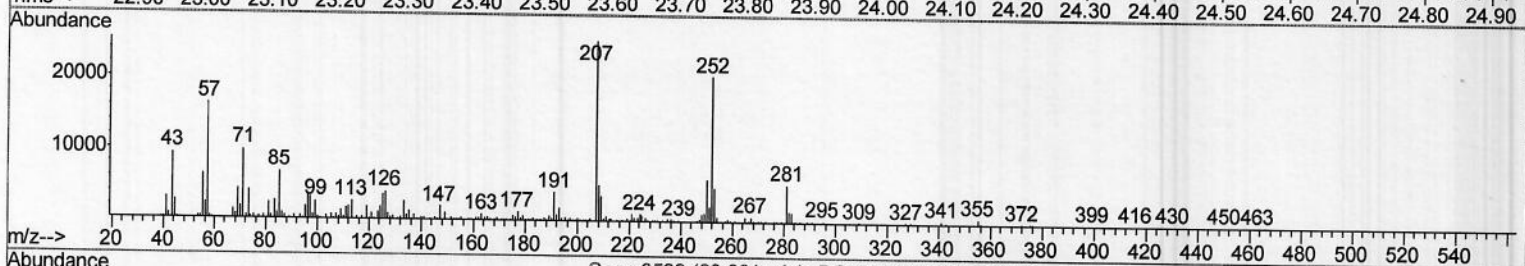
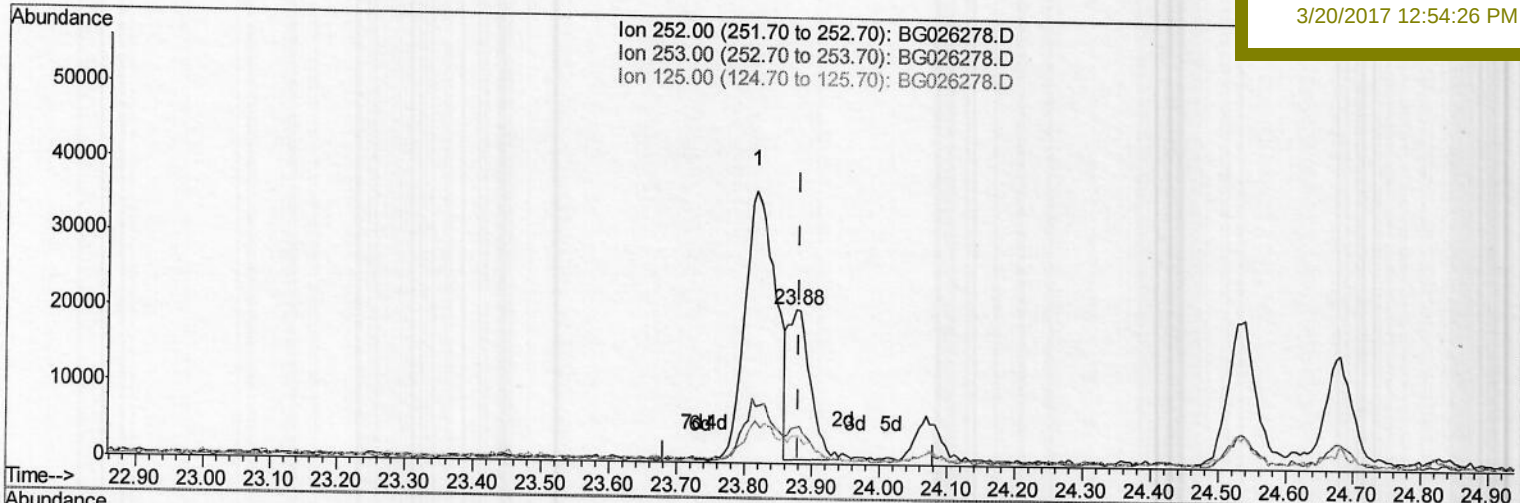
Data Path : Z:\HPCHEM1\BNA_G\Data\BG031717\
 Data File : BG026278.D
 Acq On : 17 Mar 2017 12:06
 Operator : SJ/MA
 Sample : I2217-09
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 17 14:48:03 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030317-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 17 14:43:33 2017
 Response via : Initial Calibration

Instrument :
 BNA_G
 Client Sampled :
 CB2X3

Manual Integrations
 APPROVED

mohammad
 3/20/2017 12:54:26 PM



(25) Benzo(k)fluoranthene

23.875min (-0.006) 1.55ng/ul m

response 45555

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	23.70
125.00	11.00	17.62#
0.00	0.00	0.00

50
 03/20/2017

Data Path : Z:\HPCHEM1\BNA_G\Data\BG031717\
 Data File : BG026278.D
 Acq On : 17 Mar 2017 12:06
 Operator : SJ/MA
 Sample : I2217-09
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB2X3

Quant Time: Mar 17 14:48:50 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030317-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 17 14:43:33 2017
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 3/20/2017 12:54:26 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	130430	20.00	ng/ul	0.00
2) Naphthalene-d8	10.86	136	591793	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	321174	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	637978	20.00	ng/ul	0.00
18) Chrysene-d12	21.64	240	605668	20.00	ng/ul	0.00
23) Perylene-d12	24.83	264	543136	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.47	165	323236	36.88	ng/uL	0.00
7) Acenaphthylene-d8	14.36	160	1266129	46.24	ng/ul	0.00
10) Fluorene-d10	15.64	176	827183	41.41	ng/ul	0.00
15) Anthracene-d10	17.49	188	1146592	40.44	ng/ul	0.00
19) Pyrene-d10	19.77	212	1134709	36.72	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.62	264	983990	42.01	ng/ul	0.00
Target Compounds						
14) Phenanthrene	17.44	178	139572	4.13	ng/ul	97
17) Fluoranthene	19.43	202	213794	6.09	ng/ul	98
20) Pyrene	19.80	202	180995	4.69	ng/ul	99
21) Benzo(a)anthracene	21.62	228	93038	2.76	ng/ul	97
22) Chrysene	21.68	228	96231	3.06	ng/ul	95
24) Benzo(b)fluoranthene	23.82	252	112051	3.63	ng/ul#	95
25) Benzo(k)fluoranthene	23.88	252	45555m	1.55	ng/ul	90
27) Benzo(a)pyrene	24.68	252	36287	1.27	ng/ul#	
28) Indeno(1,2,3-cd)pyrene	28.46	276	41198m	1.30	ng/ul	
30) Benzo(g,h,i)perylene	29.59	276	30229	1.12	ng/ul	

SJ
 03/20/2017

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