

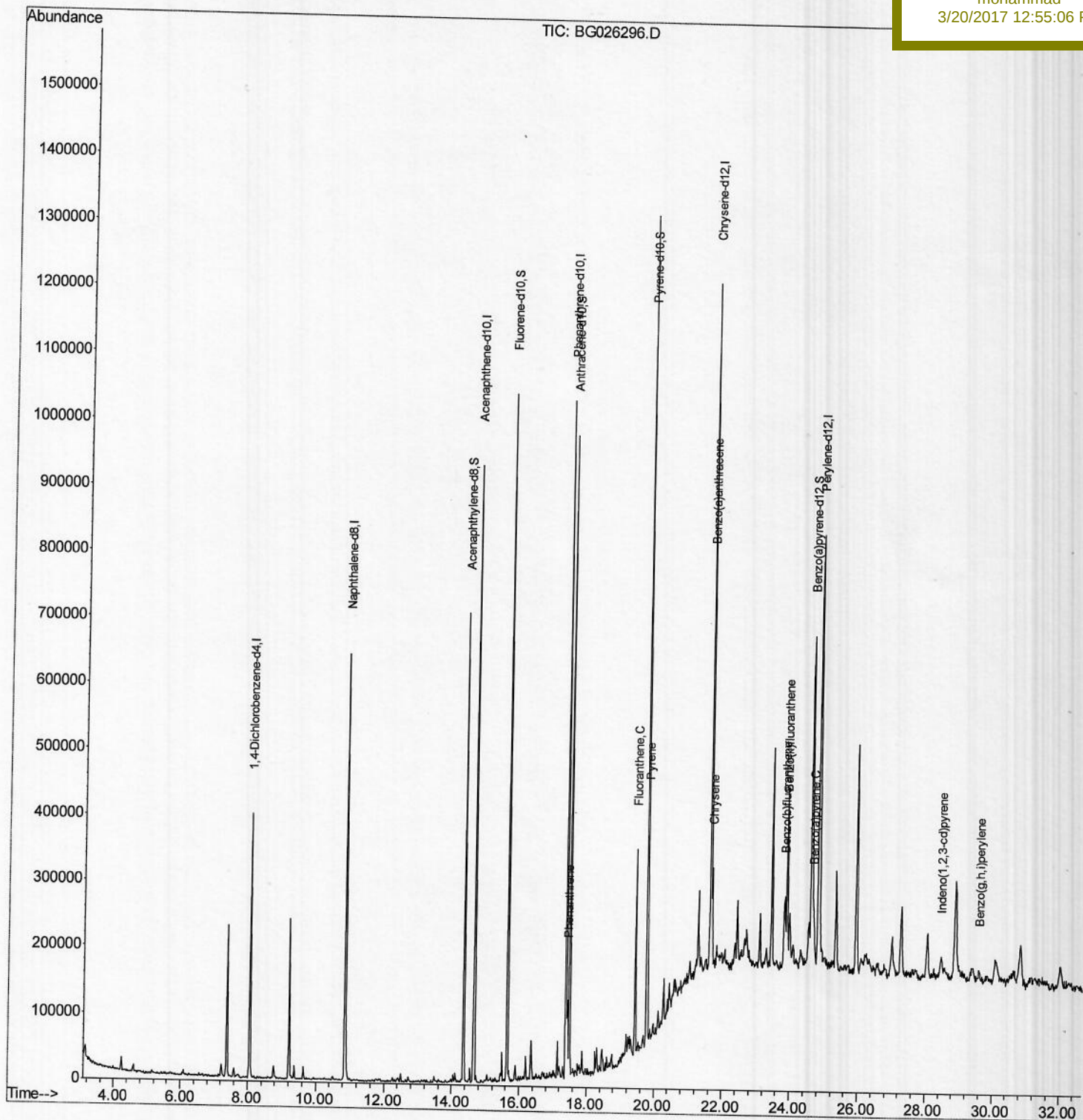
Data Path : Z:\HPCHEM1\BNA G\DATA\BG031717\
Data File : BG026296.D
Acq On : 18 Mar 2017 00:32
Operator : SJ/MA
Sample : I2218-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Mar 18 01:31:51 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030317-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 18 00:29:44 2017
Response via : Initial Calibration

Instrument :
BNA_G
Client Sampled :
CB383

Manual Integrations
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Quantitation Report (Qedit)

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Instrument :

BNA_G

ClientSampleId :

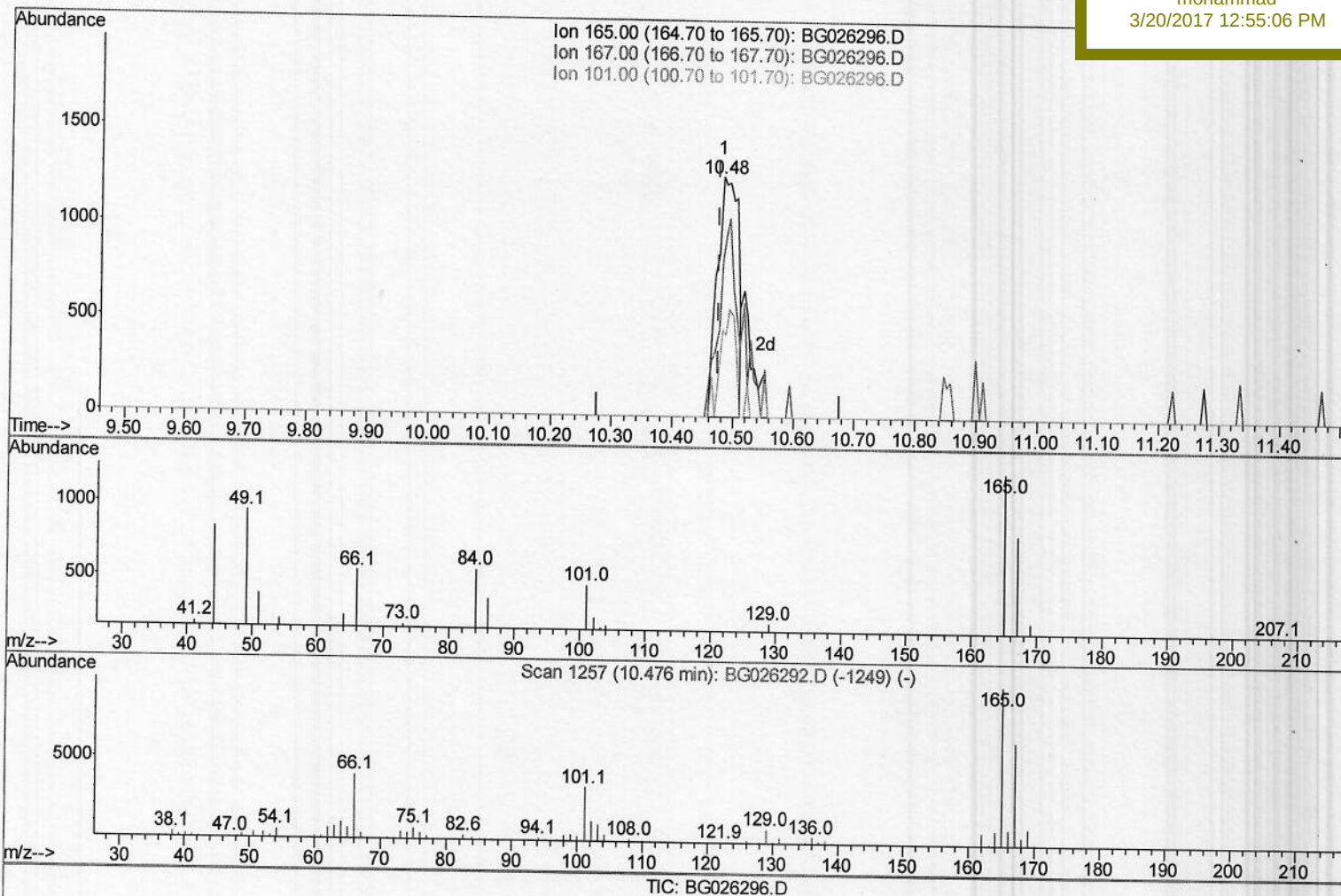
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(3) 2,4-Dichlorophenol-d3 (S)

10.482min (+0.006) 0.35ng/uL

response 3029

Ion	Exp%	Act%
165.00	100	100
167.00	62.20	65.58
101.00	30.70	36.56
0.00	0.00	0.00

Quantitation Report (Qedit)

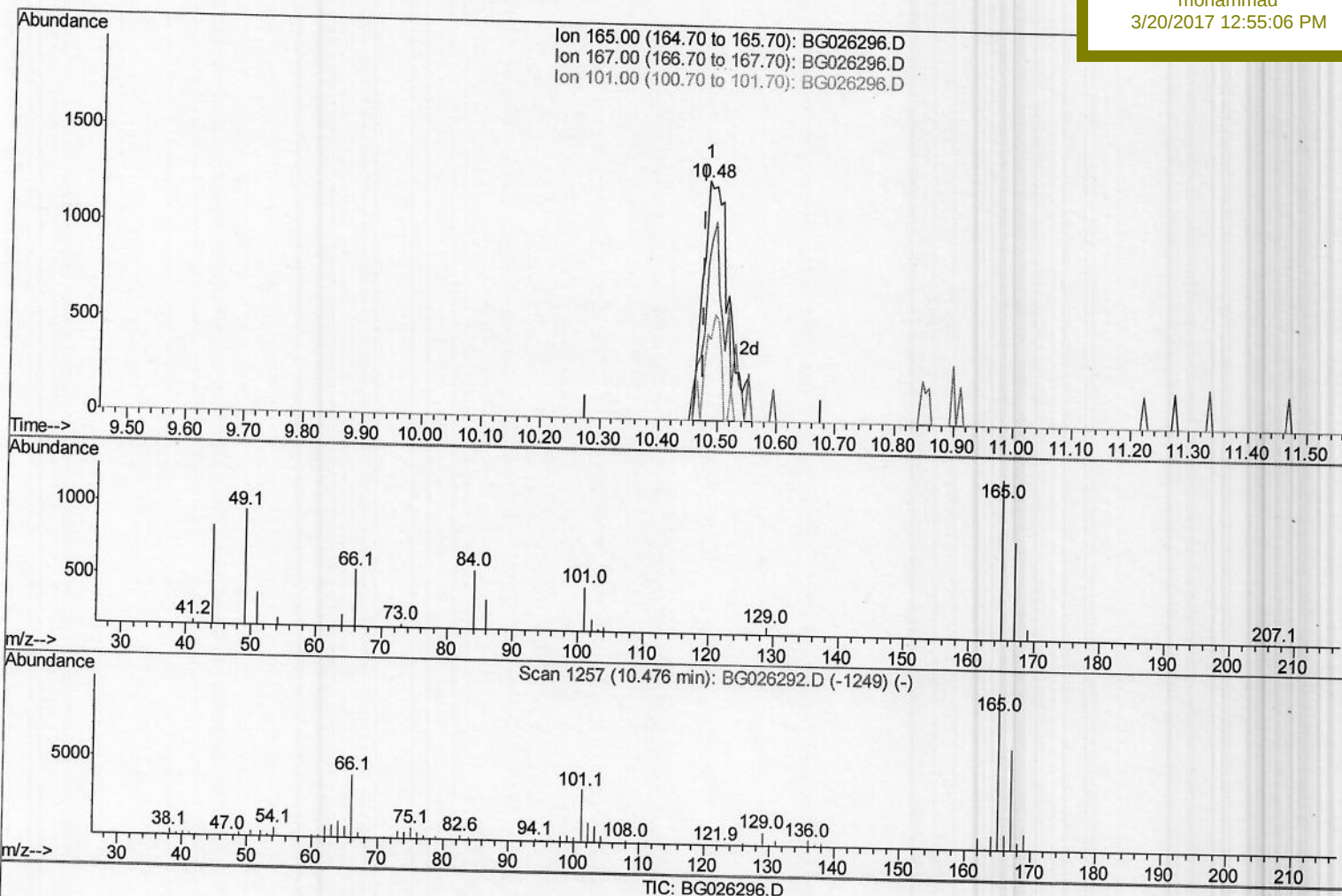
Data Path : Z:\HPCHEM1\BNA G\DATA\BG031717\
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 BNA_G
 ClientSampleId :
 CB383

Manual Integrations
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(3) 2,4-Dichlorophenol-d3 (S)

10.482min (+0.006) 0.44ng/uL m) 35
 response 3827 03/20/2017

Ion	Exp%	Act%
165.00	100	100
167.00	62.20	65.58
101.00	30.70	36.56
0.00	0.00	0.00

Quantitation Report (Qedit)

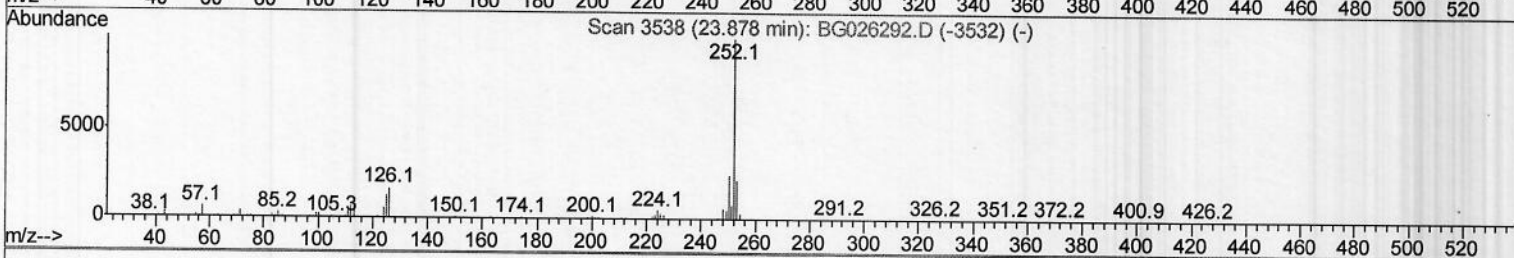
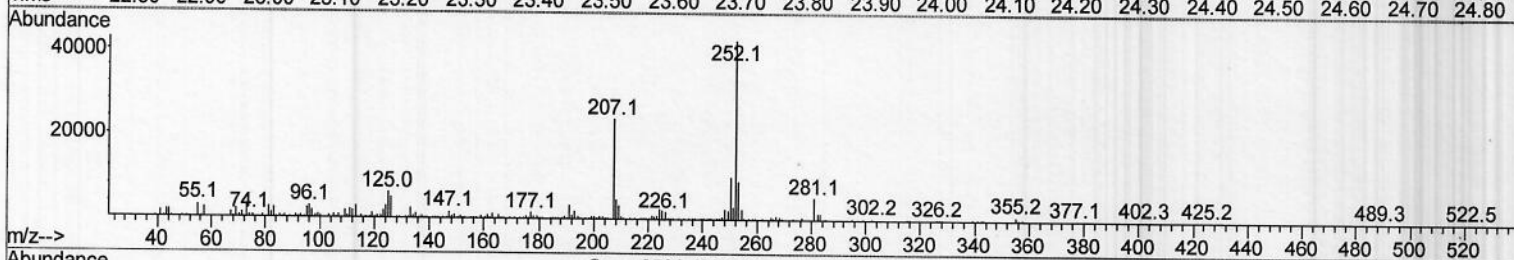
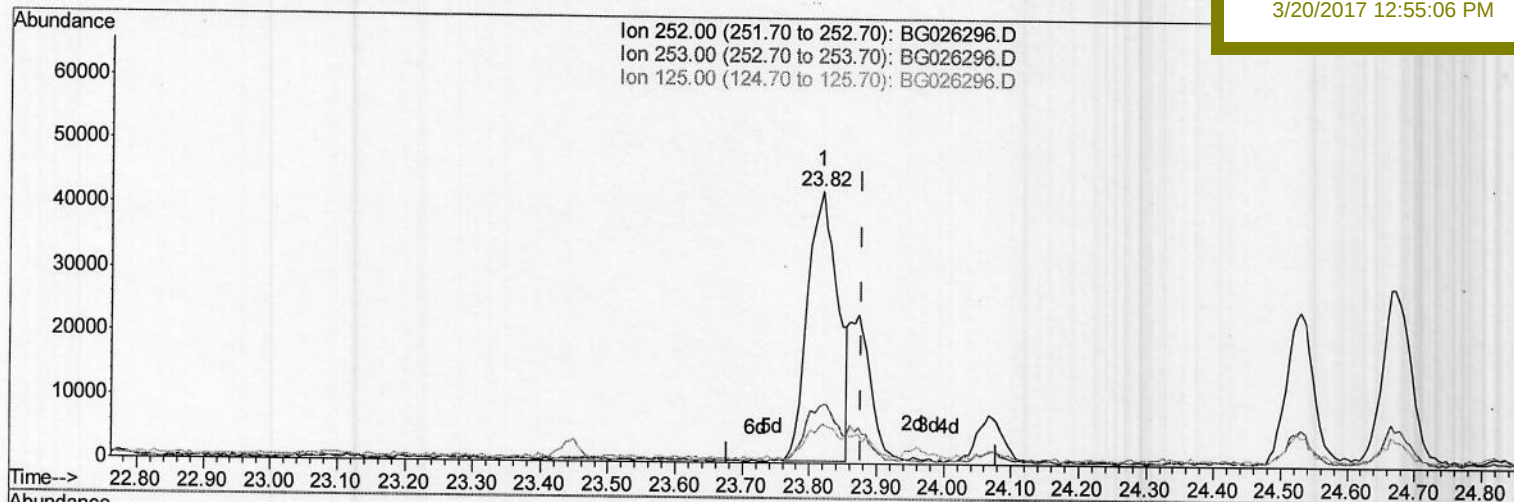
Data Path : Z:\HPCHEM1\BNA G\DATA\BG031717\
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Instrument :
 BNA_G
 ClientSampleId :
 CB383

Manual Integrations
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TIC: BG026296.D

(25) Benzo(k)fluoranthene
 23.819min (-0.059) 4.18ng/ul
 response 132045

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	21.72
125.00	11.00	14.39#
0.00	0.00	0.00

Quantitation Report (Qedit)

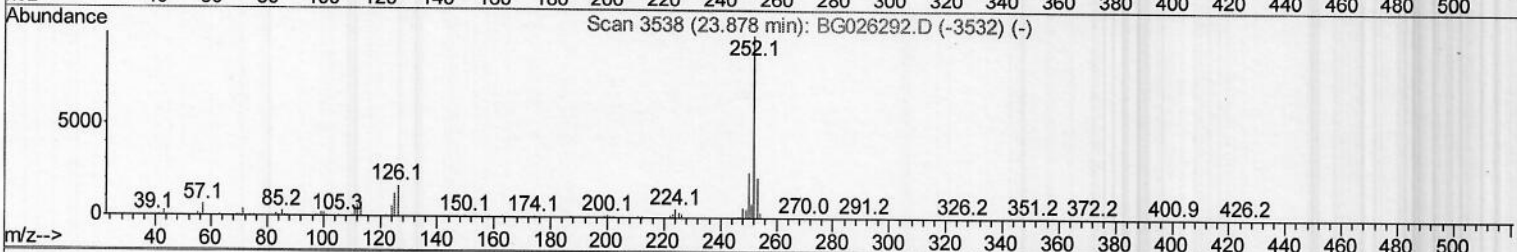
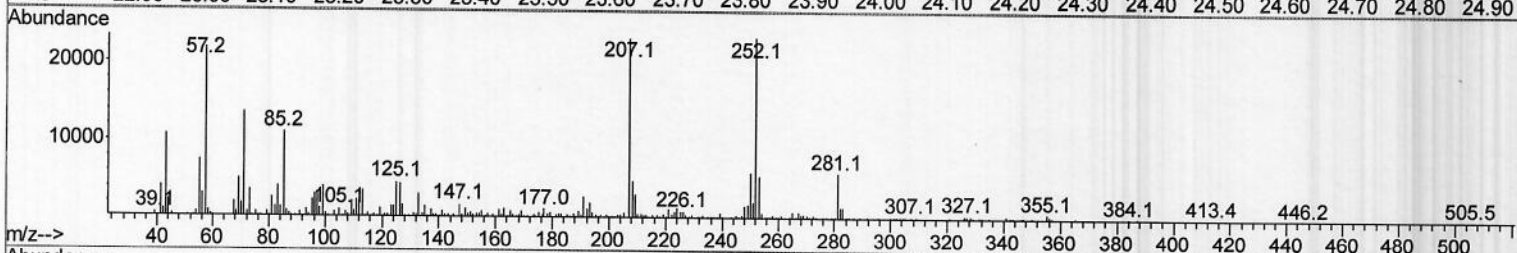
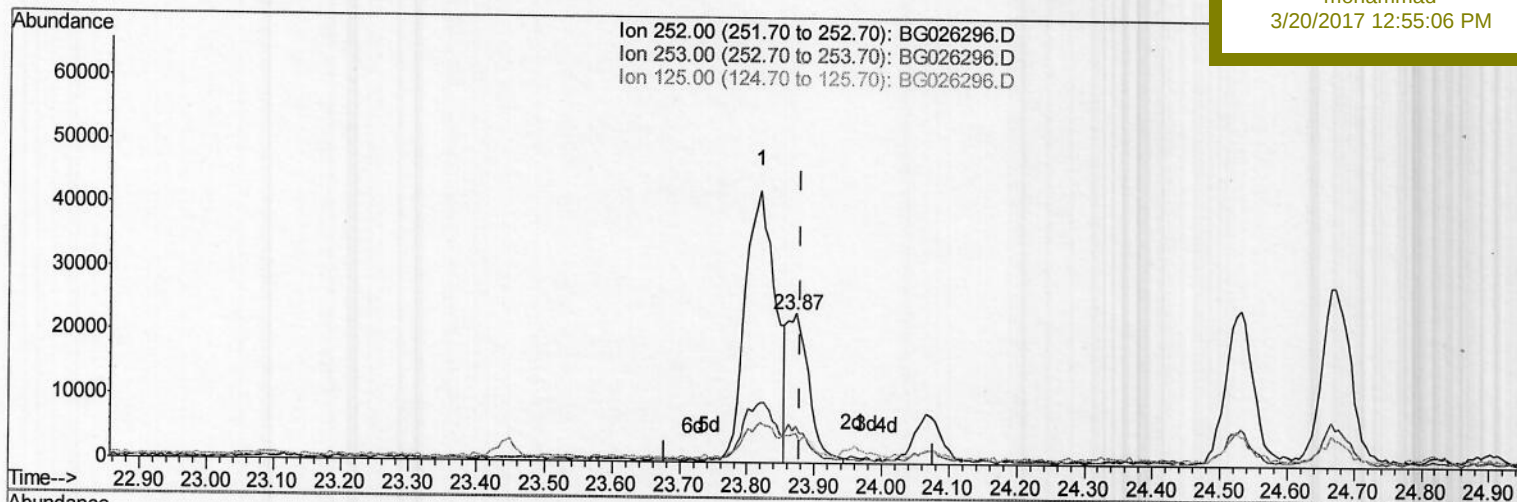
Data Path : Z:\HPCHEM1\BNA G\DATA\BG031717\
 Data File : BG026296.D
 Acq On : 18 Mar 2017 00:32
 Operator : SJ/MA
 Sample : I2218-14
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: Mar 18 01:30:21 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030317-PAH.M
 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Instrument :
 BNA_G
Client Sampled :
 CB383

Manual Integrations
APPROVED

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TIC: BG026296.D

(25) Benzo(k)fluoranthene

23.872min (-0.006) 1.64ng/ul m

response 51760

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	24.09
125.00	11.00	19.78#
0.00	0.00	0.00

95
 03/20/2017

Quantitation Report (Qedit)

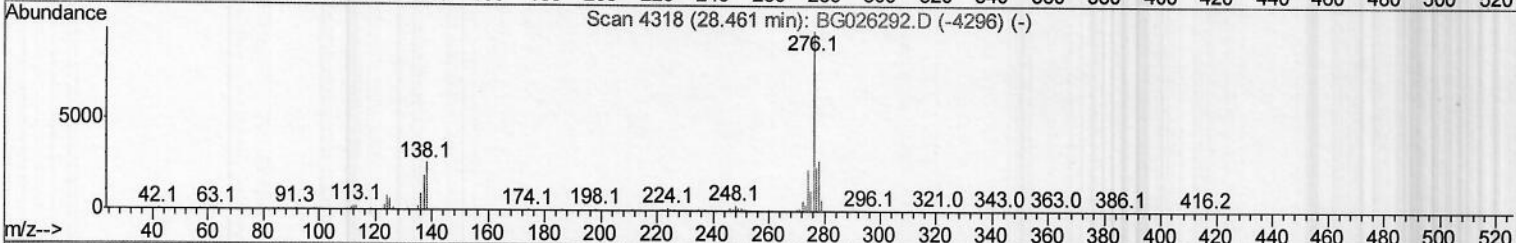
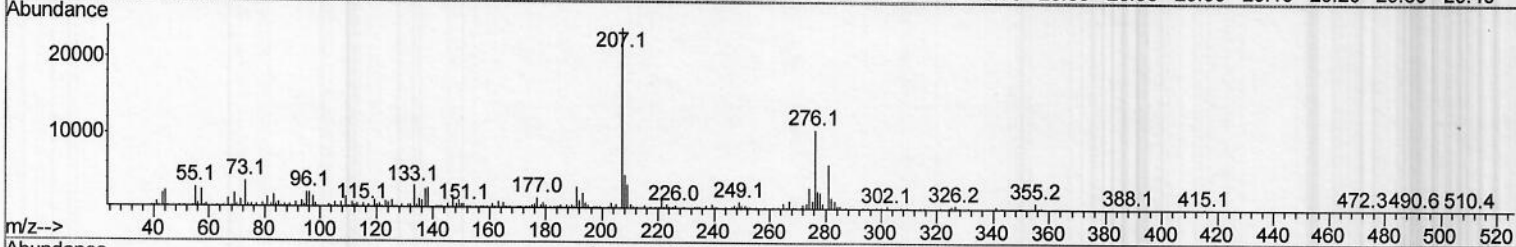
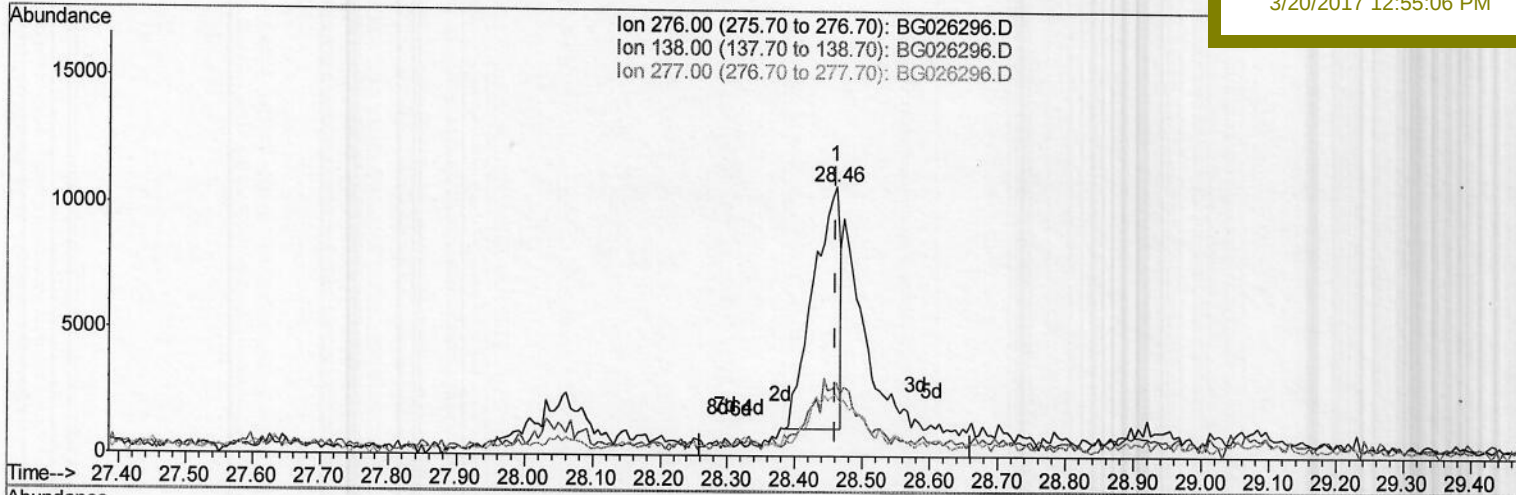
Data Path : Z:\HPCHEM1\BNA G\DATA\BG031717\
 Data File : BG026296.D
 Acq On : 18 Mar 2017 00:32
 Operator : SJ/MA
 Sample : I2218-14
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: Mar 18 01:30:21 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030317-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Mar 18 00:29:44 2017
 Response via : Initial Calibration

Instrument :
 BNA_G
ClientSampleId :
 CB383

Manual Integrations
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TIC: BG026296.D

(28) Indeno(1,2,3-cd)pyrene
 28.461min (+0.000) 0.79ng/ul
 response 26713

Ion	Exp%	Act%
276.00	100	100
138.00	22.20	26.68#
277.00	24.20	22.68
0.00	0.00	0.00

Quantitation Report (Qedit)

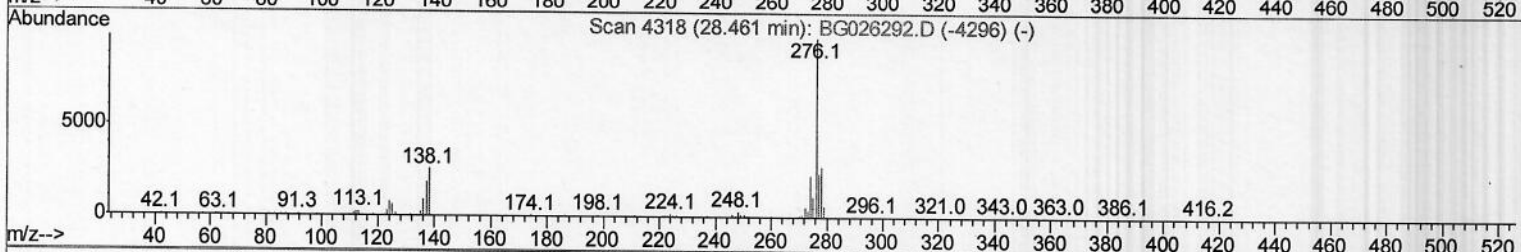
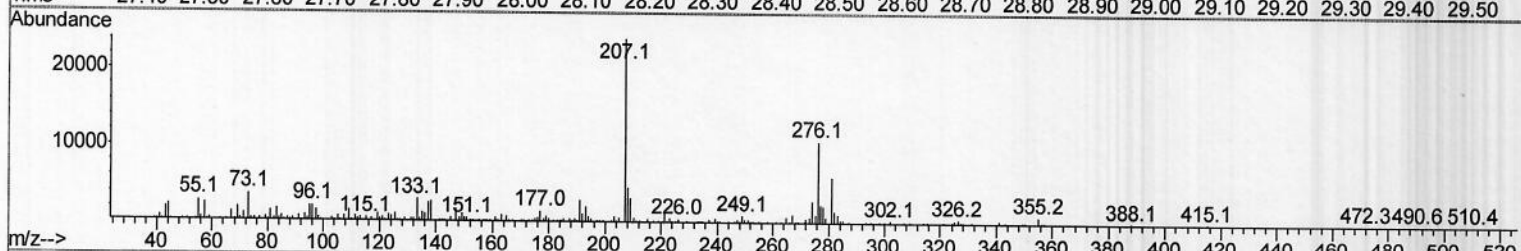
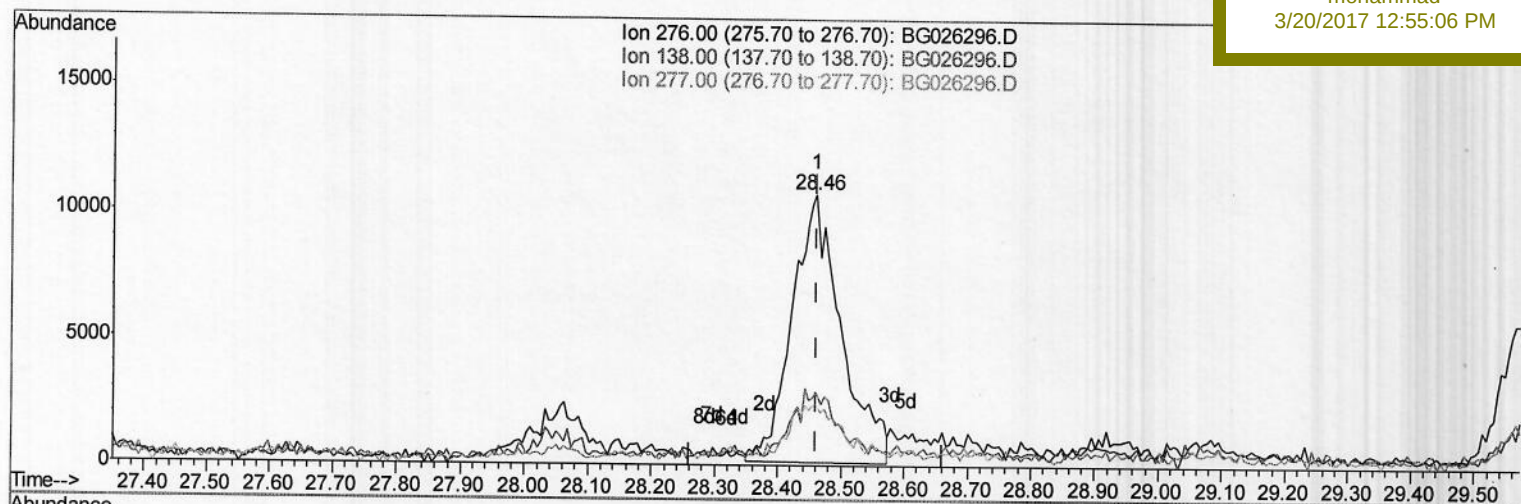
Data Path : Z:\HPCHEM1\BNA G\DATA\BG031717\
Data File : BG026296.D
Acq On : 18 Mar 2017 00:32
Operator : SJ/MA
Sample : I2218-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Mar 18 01:30:21 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030317-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 18 00:29:44 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
CB383

Manual Integrations
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TIC: BG026296.D

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

28.461min (+0.000) 1.67ng/ul m

response 56676

Ion Exp% Act%

276.00 100 100

138.00 22.20 26.68#

277.00 24.20 22.68

0.00 0.00 0.00

55
03/20/2017

Quantitation Report (Qedit)

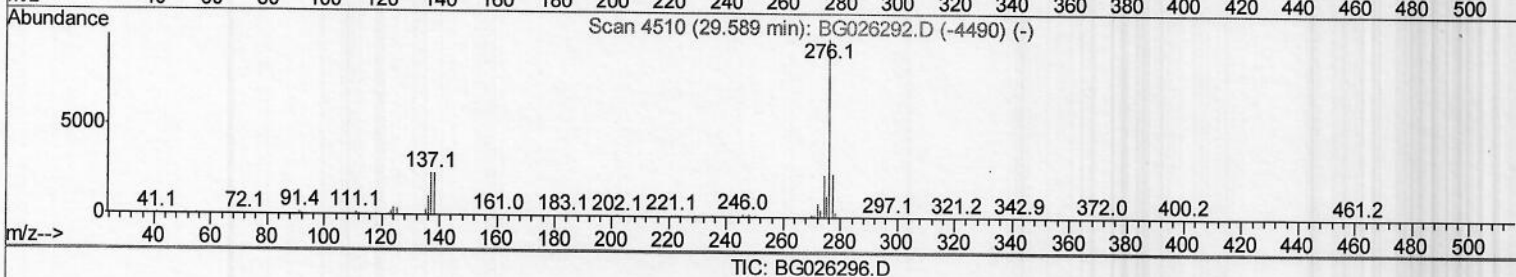
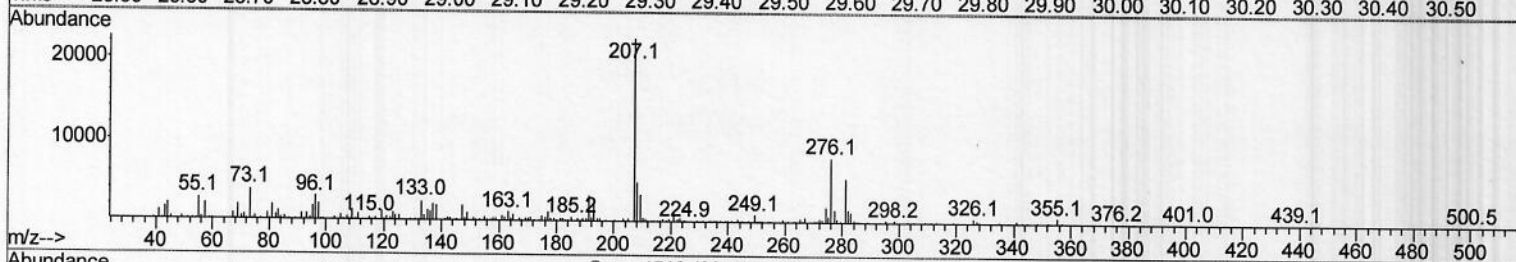
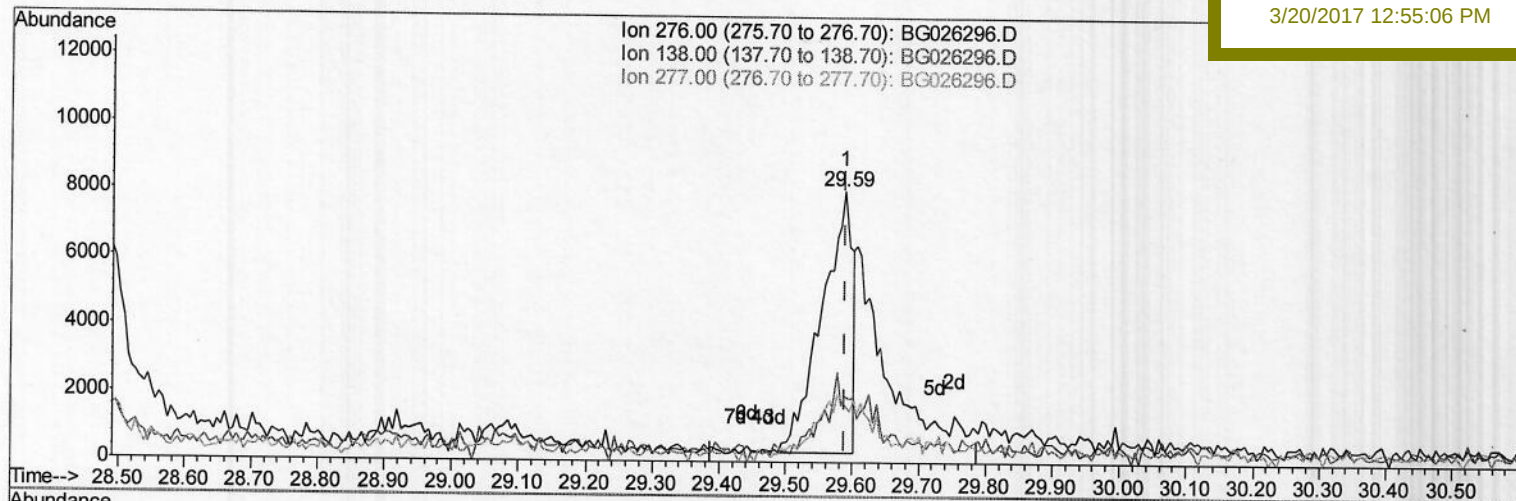
Data Path : Z:\HPCHEM1\BNA G\DATA\BG031717\
 Data File : BG026296.D
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 Operator : SJ/MA
 Sample : I2218-14
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

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Instrument :
 BNA_G
ClientSampleId :
 CB383

Manual Integrations
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(30) Benzo(g,h,i)perylene
 29.589min (0.000) 0.84ng/ul
 response 24506

Ion	Exp%	Act%
276.00	100	100
138.00	23.70	24.40
277.00	24.60	21.32
0.00	0.00	0.00

Quantitation Report (Qedit)

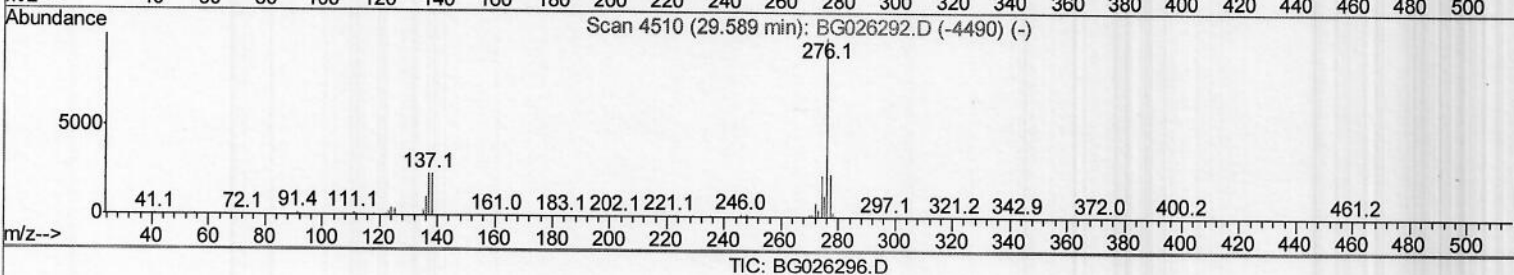
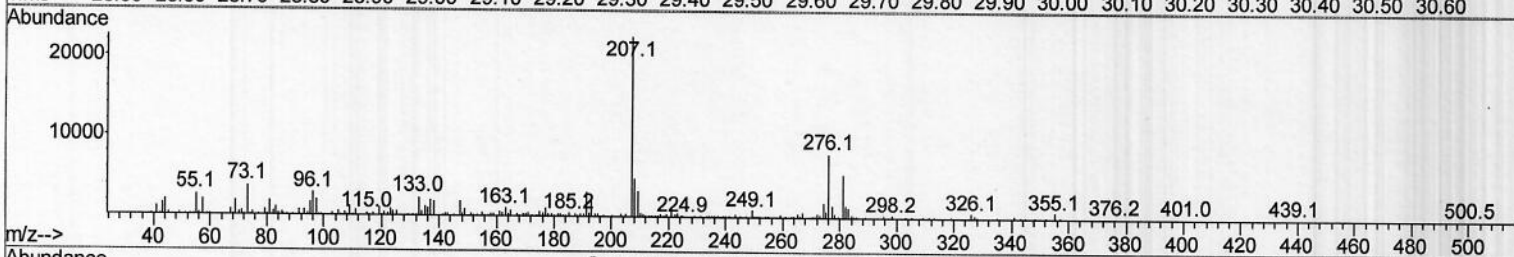
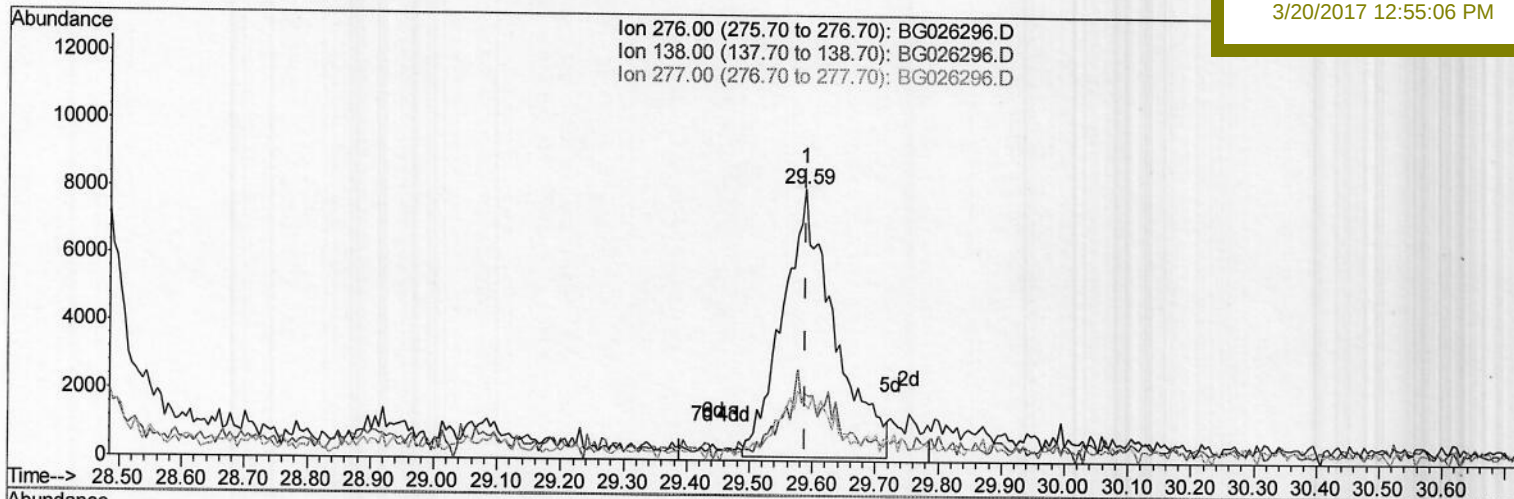
Data Path : Z:\HPCHEM1\BNA G\DATA\BG031717\
 Data File : BG026296.D
 Acq On : 18 Mar 2017 00:32
 Operator : SJ/MA
 Sample : I2218-14
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: Mar 18 01:30:21 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030317-PAH.M
 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 CB383

Manual Integrations
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TIC: BG026296.D

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

29.589min (0.000) 1.53ng/ul m

response 44499

Ion	Exp%	Act%
276.00	100	100
138.00	23.70	24.40
277.00	24.60	21.32
0.00	0.00	0.00

55
 03/20/2017

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031717\
 Data File : BG026296.D
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 Operator : SJ/MA
 Sample : I2218-14
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sampled :
 CB383

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	123505	20.00	ng/ul	0.00
2) Naphthalene-d8	10.85	136	581954	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	317207	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	626023	20.00	ng/ul	0.00
18) Chrysene-d12	21.63	240	624930	20.00	ng/ul	0.00
23) Perylene-d12	24.82	264	582790	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.48	165	3827m	0.44	ng/uL	0.00
7) Acenaphthylene-d8	14.35	160	545739	20.18	ng/ul	0.00
10) Fluorene-d10	15.65	176	439822	22.29	ng/ul	0.00
15) Anthracene-d10	17.49	188	585397	21.04	ng/ul	0.00
19) Pyrene-d10	19.77	212	637619	20.00	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.61	264	505500	20.11	ng/ul	0.00
Target Compounds						
14) Phenanthrene	17.43	178	83678	2.52	ng/ul	97
17) Fluoranthene	19.43	202	178953	5.20	ng/ul	97
20) Pyrene	19.79	202	174418	4.38	ng/ul	98
21) Benzo(a)anthracene	21.62	228	104509	3.00	ng/ul	98
22) Chrysene	21.68	228	100102	3.08	ng/ul	99
24) Benzo(b)fluoranthene	23.82	252	132045	3.99	ng/ul#	97
25) Benzo(k)fluoranthene	23.87	252	51760m	1.64	ng/ul	90
27) Benzo(a)pyrene	24.67	252	78291	2.55	ng/ul#	
28) Indeno(1,2,3-cd)pyrene	28.46	276	56676m	1.67	ng/ul	
30) Benzo(a,h,i)perylene	29.59	276	44499m	1.53	ng/ul	

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