

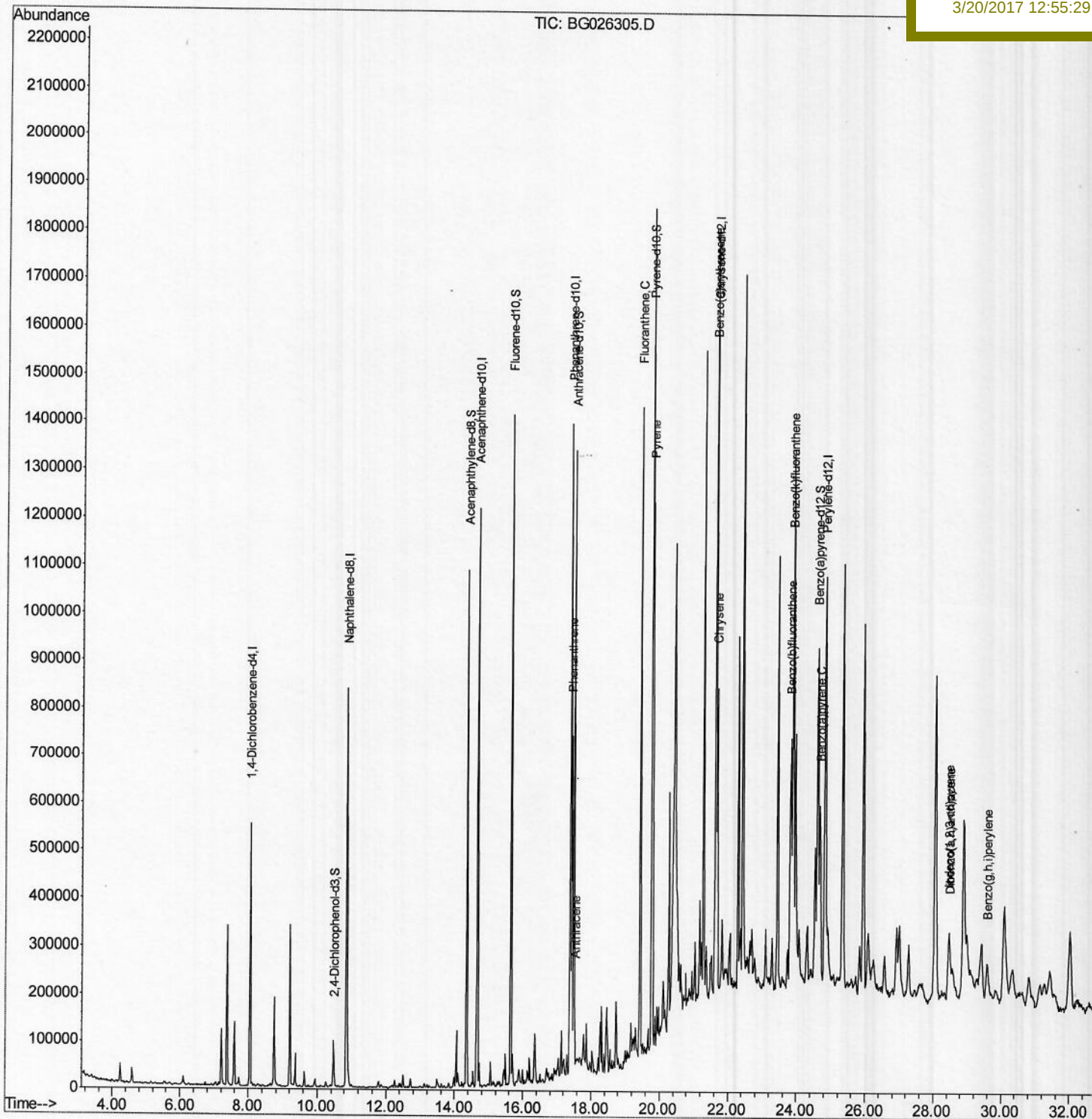
Data Path : Z:\HPCHEM1\BNA G\DATA\BG031717\
Data File : BG026305.D
Acq On : 18 Mar 2017 6:26
Operator : SJ/MA
Sample : I2283-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Mar 18 07:03:11 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 :
CB306

Manual Integrations
APPROVED

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Quantitation Report (Qedit)

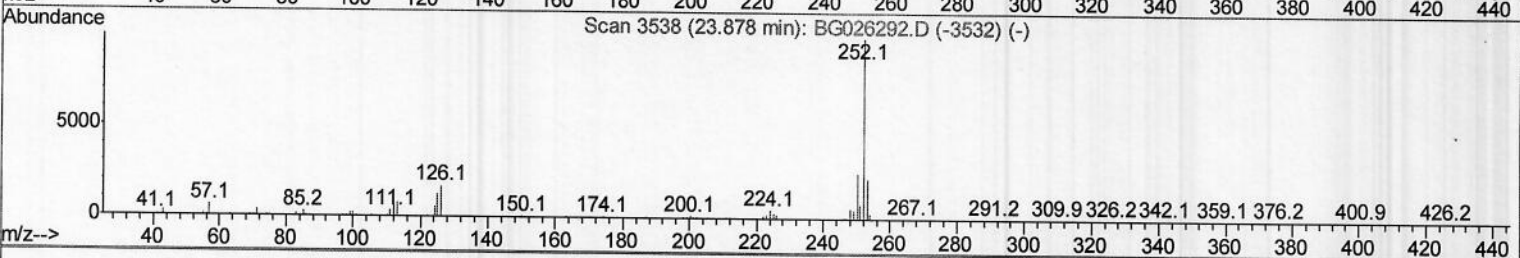
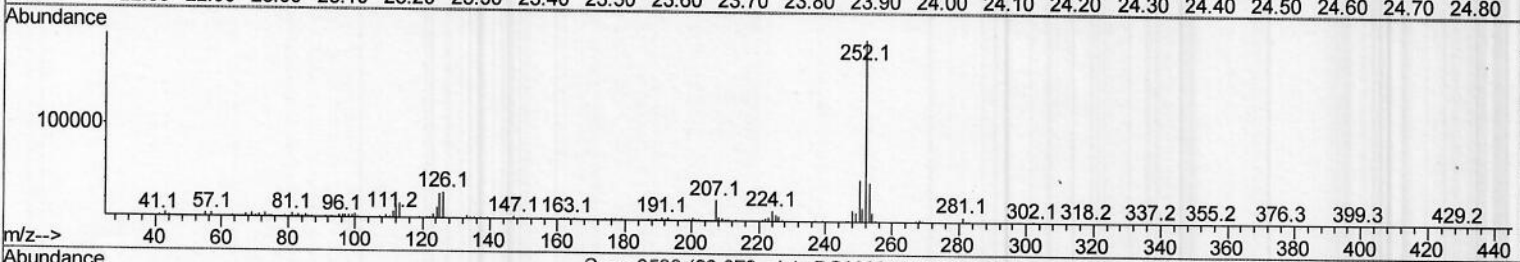
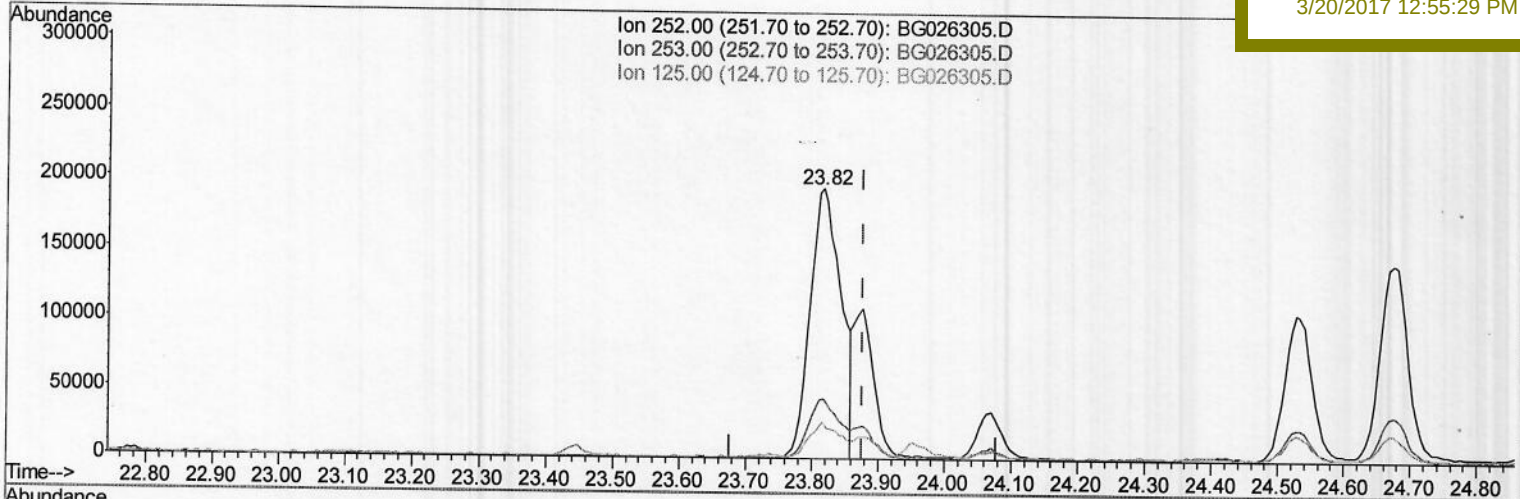
Data Path : Z:\HPCHEM1\BNA G\DATA\BG031717\
 Data File : BG026305.D
 Acq On : 18 Mar 2017 6:26
 Operator : SJ/MA
 Sample : I2283-07
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Quant Time: Mar 18 07:01:05 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 :
 CB306

Manual Integrations
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(25) Benzo(k)fluoranthene
 23.817min (-0.061) 14.61ng/ul
 response 633174

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	22.31
125.00	11.00	13.65#
0.00	0.00	0.00

Quantitation Report (Qedit)

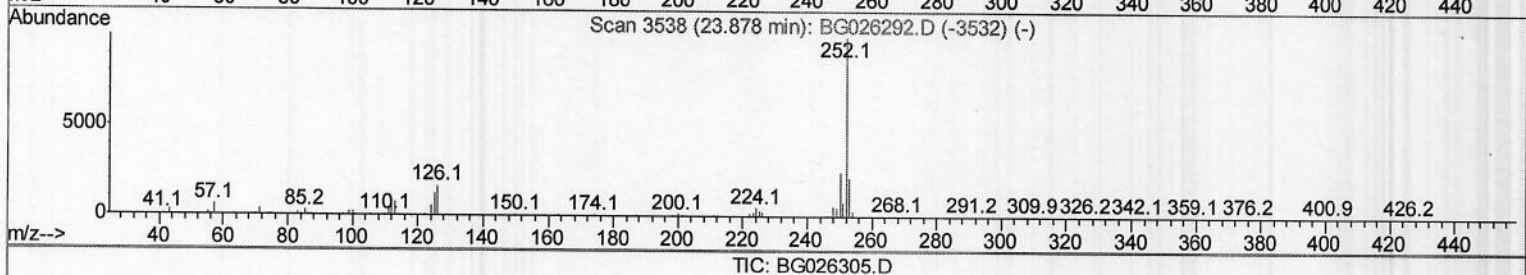
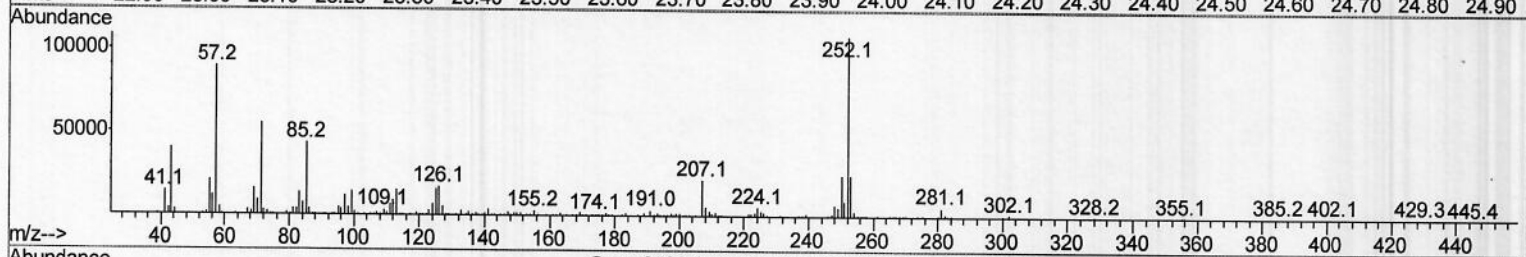
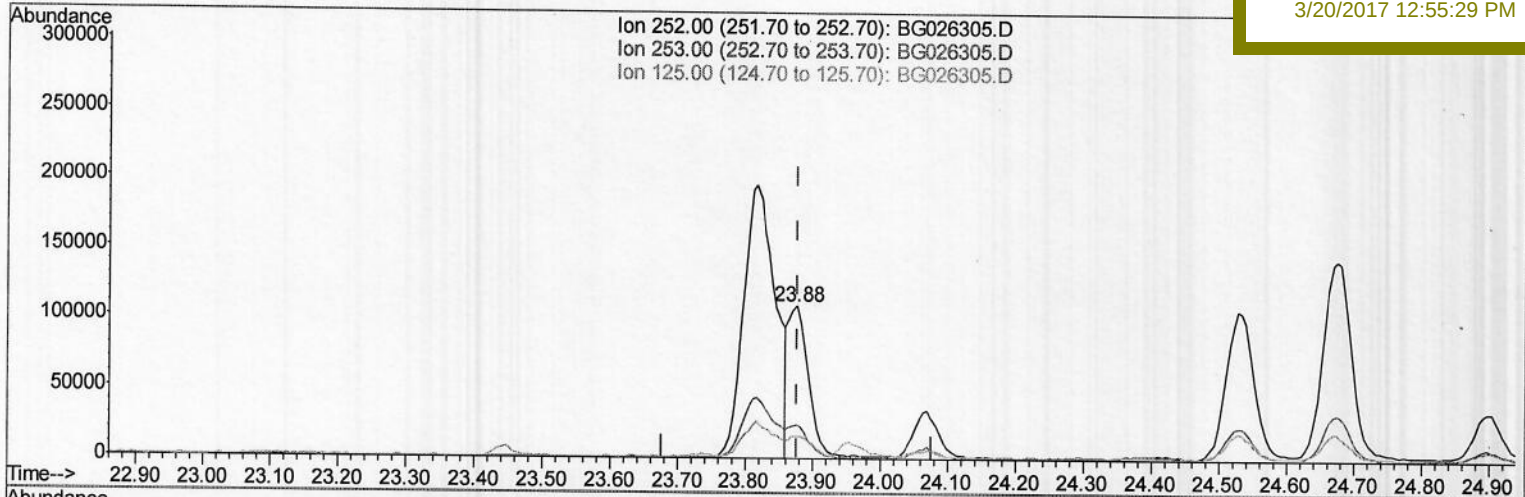
Data Path : Z:\HPCHEM1\BNA G\DATA\BG031717\
 Data File : BG026305.D
 Acq On : 18 Mar 2017 6:26
 Operator : SJ/MA
 Sample : I2283-07
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Quant Time: Mar 18 07:01:05 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 :
 CB306

Manual Integrations
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(25) Benzo(k)fluoranthene

23.876min (-0.002) 5.24ng/ul m

response 227275

SJ
 03/20/2017

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	22.44
125.00	11.00	14.39#
0.00	0.00	0.00

Quantitation Report (Qedit)

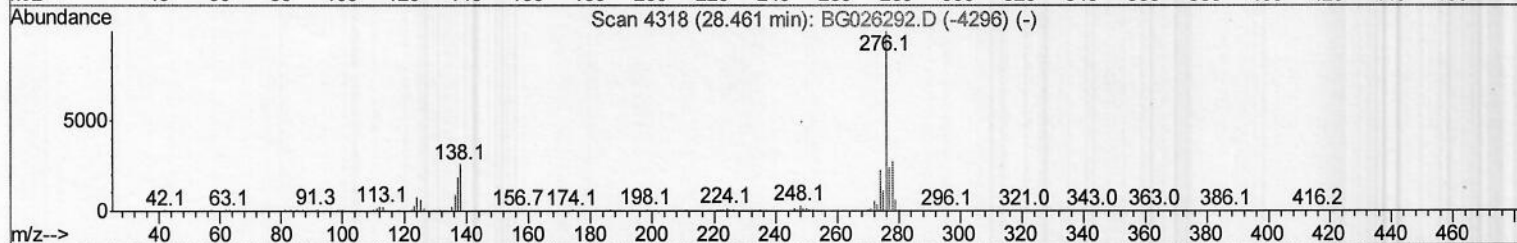
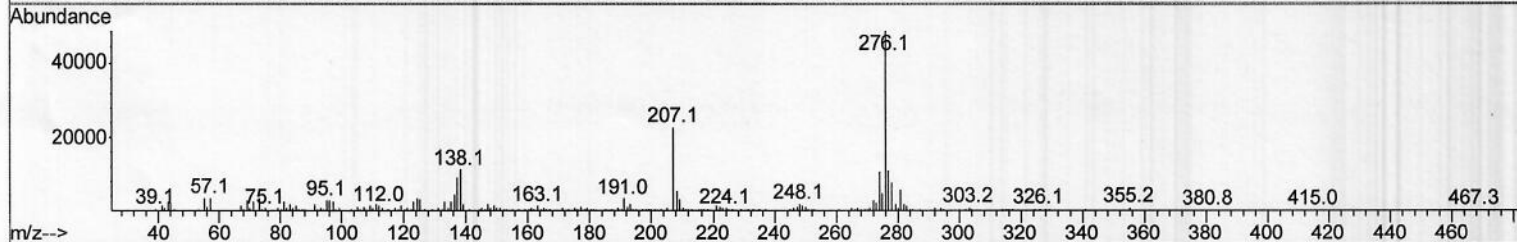
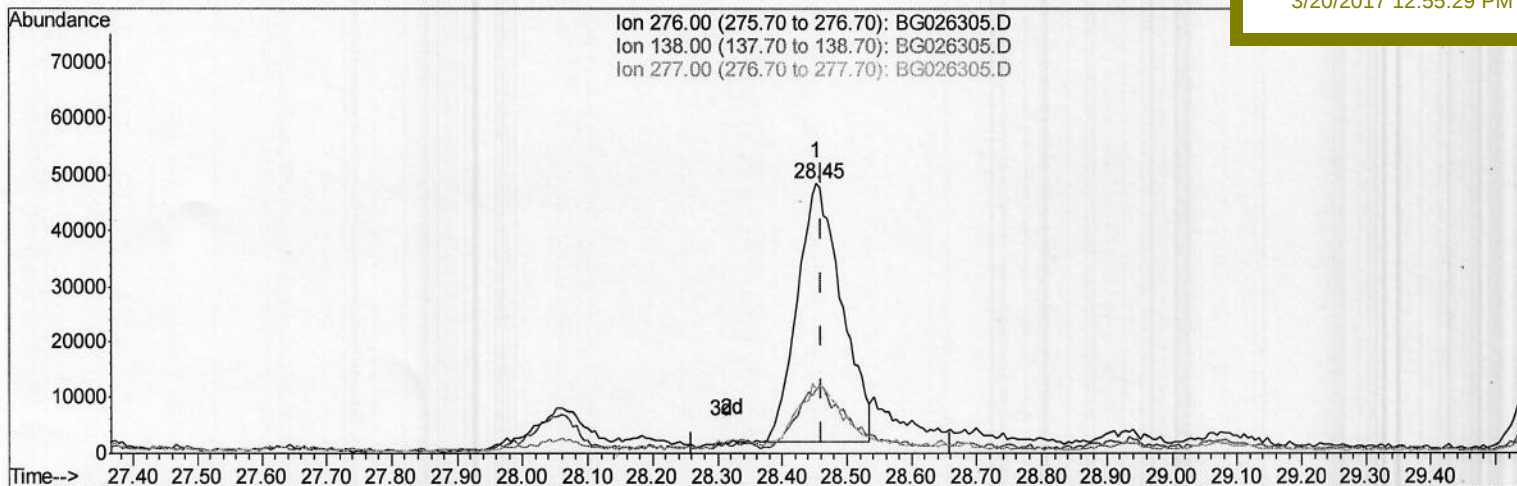
Data Path : Z:\HPCHEM1\BNA G\DATA\BG031717\
 Data File : BG026305.D
 Acq On : 18 Mar 2017 6:26
 Operator : SJ/MA
 Sample : I2283-07
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Quant Time: Mar 18 07:01:05 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 :
 CB306

Manual Integrations
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TIC: BG026305.D

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

28.453min (-0.008) 4.77ng/ul

response 221999

Ion	Exp%	Act%
276.00	100	100
138.00	22.20	23.30
277.00	24.20	23.13
0.00	0.00	0.00

Quantitation Report (Qedit)

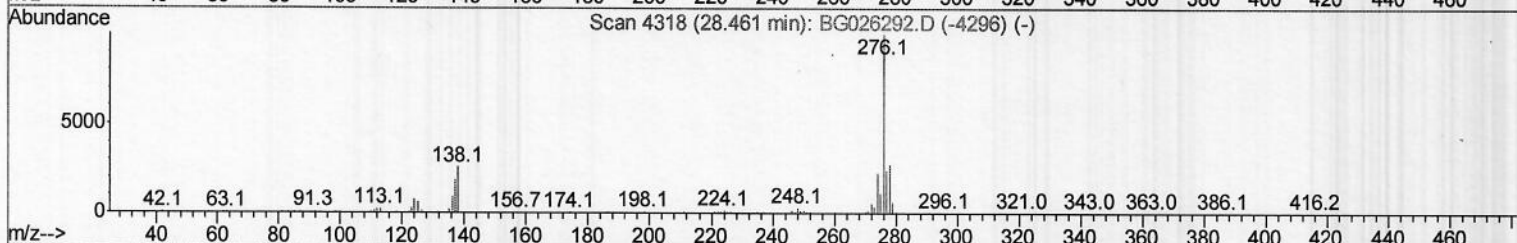
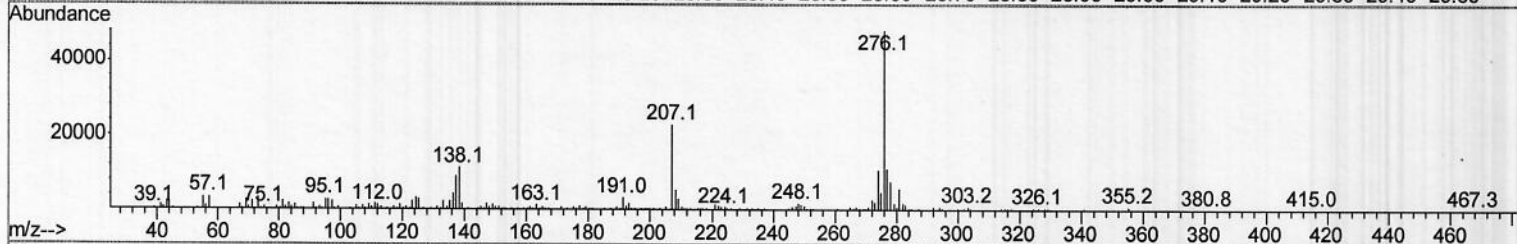
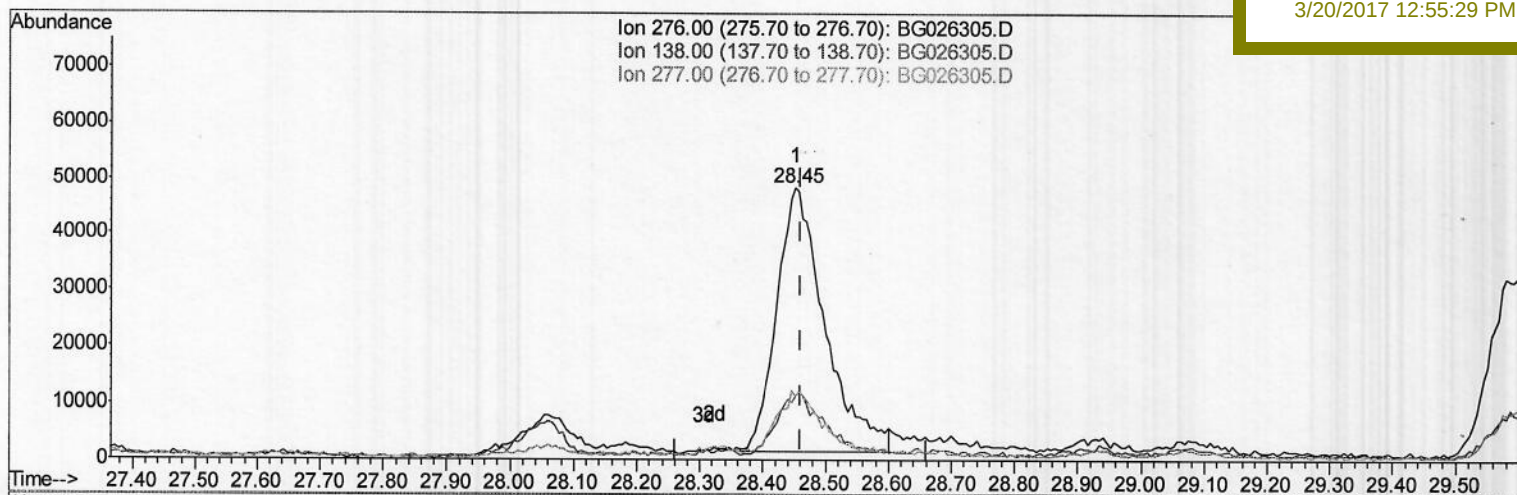
Data Path : Z:\HPCHEM1\BNA G\DATA\BG031717\
 Data File : BG026305.D
 Acq On : 18 Mar 2017 6:26
 Operator : SJ/MA
 Sample : I2283-07
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Quant Time: Mar 18 07:01:05 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 :
 CB306

Manual Integrations
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mohammad
 3/20/2017 12:55:29 PM



TIC: BG026305.D

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

28.453min (-0.008) 5.29ng/ul m

response 246145

Ion	Exp%	Act%
276.00	100	100
138.00	22.20	23.30
277.00	24.20	23.13
0.00	0.00	0.00

SJ
 03/20/2017

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031717\
Data File : BG026305.D
Acq On : 18 Mar 2017 6:26
Operator : SJ/MA
Sample : I2283-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Mar 18 07:01:05 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 :

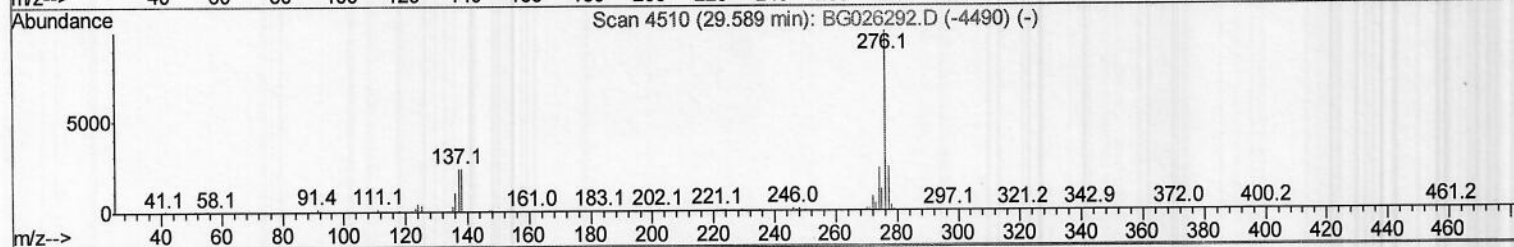
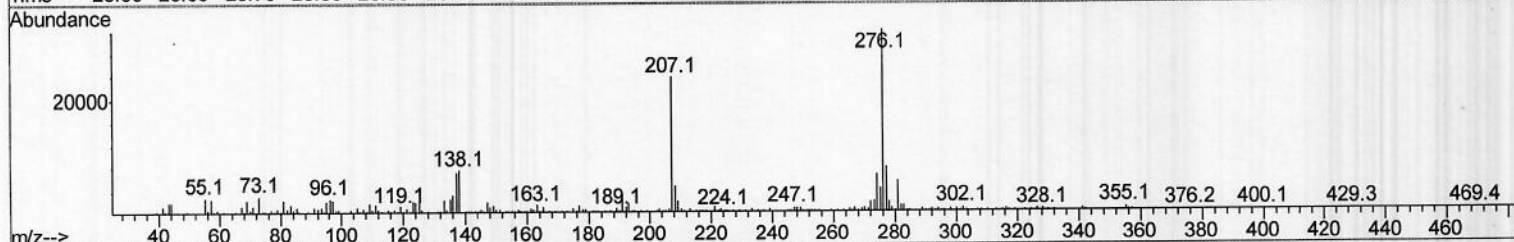
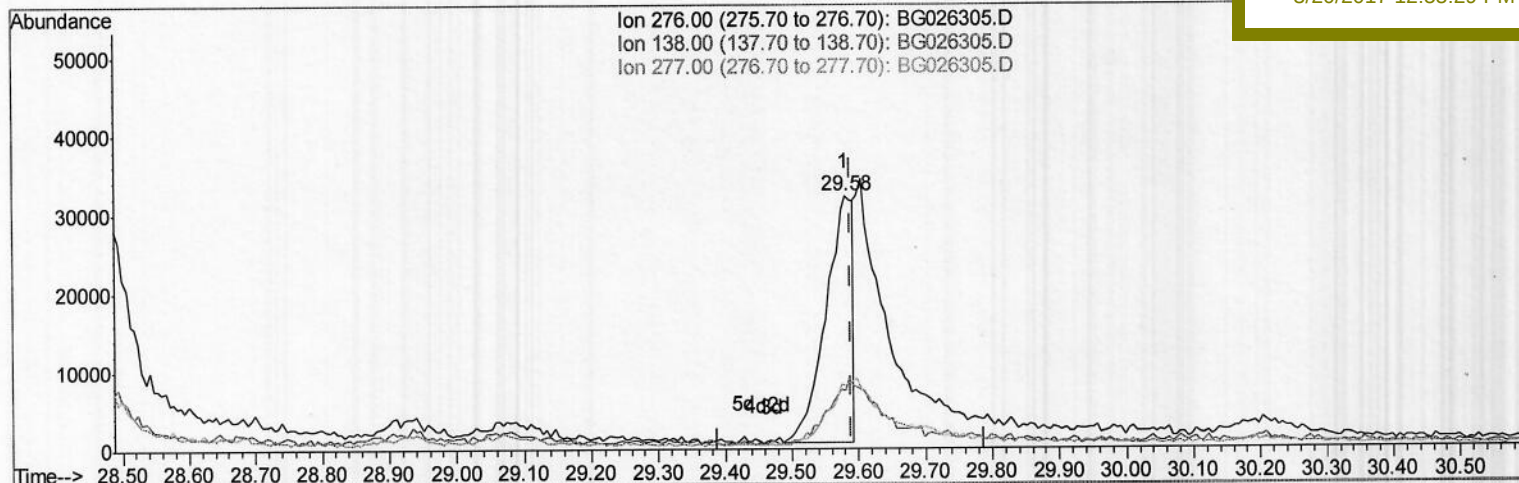
CB306

Manual Integrations

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TIC: BG026305.D

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

29.581min (-0.008) 2.25ng/ul

response 89764

Ion	Exp%	Act%
276.00	100	100
138.00	23.70	23.50
277.00	24.60	25.36
0.00	0.00	0.00

Quantitation Report (Qedit)

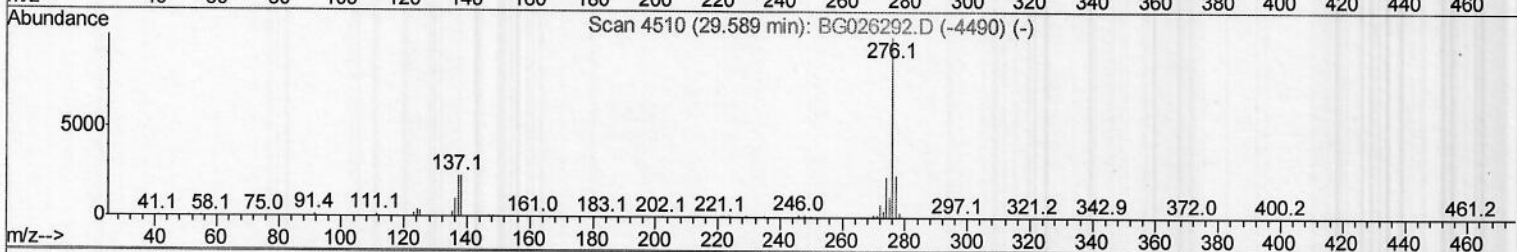
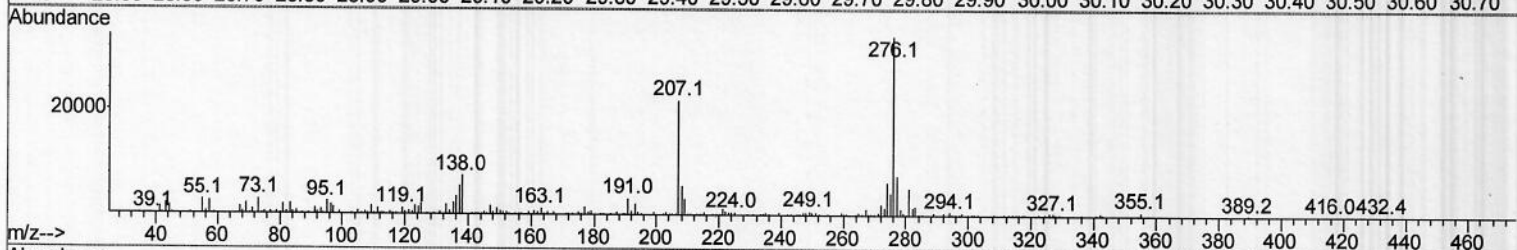
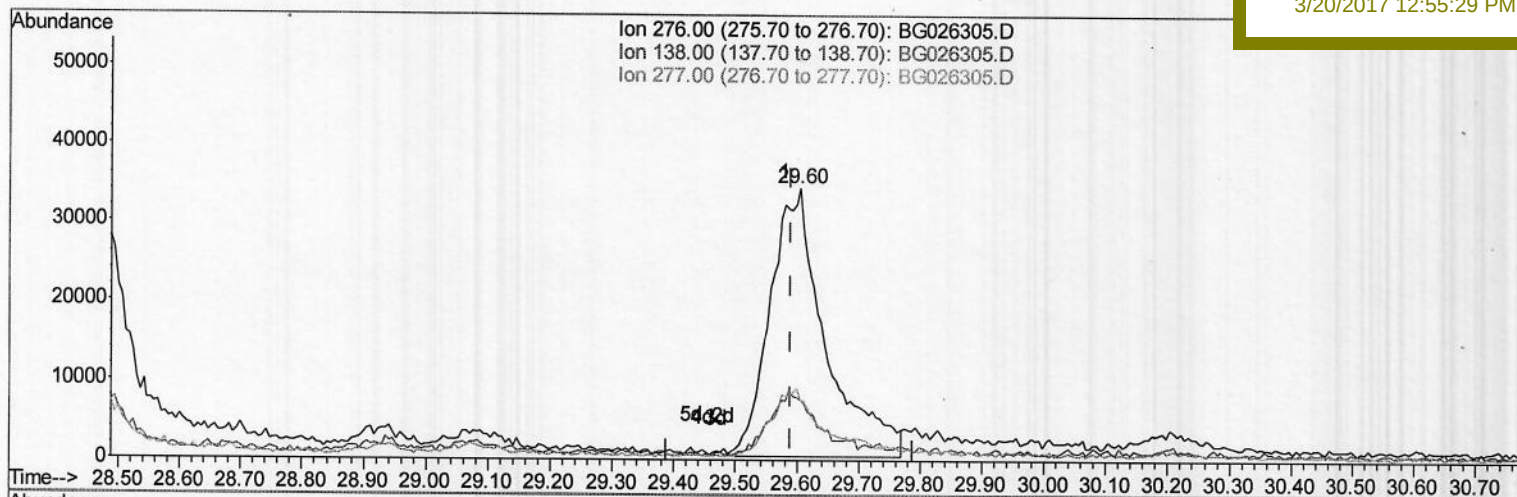
Data Path : Z:\HPCHEM1\BNA G\DATA\BG031717\
Data File : BG026305.D
Acq On : 18 Mar 2017 6:26
Operator : SJ/MA
Sample : I2283-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Mar 18 07:01:05 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 :
CB306

Manual Integrations
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TIC: BG026305.D

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

29.604min (+0.015) 5.33ng/ul m

response 212548

SJ
03/20/2017

Ion	Exp%	Act%
276.00	100	100
138.00	23.70	22.21
277.00	24.60	22.06
0.00	0.00	0.00

Quantitation Report (Qedit)

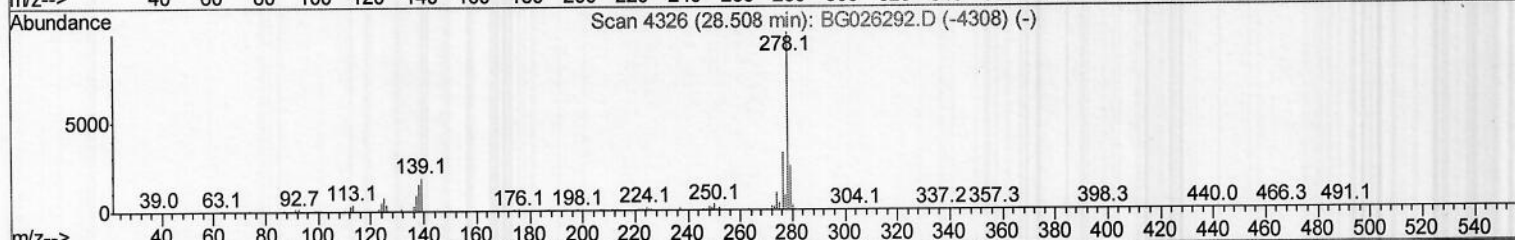
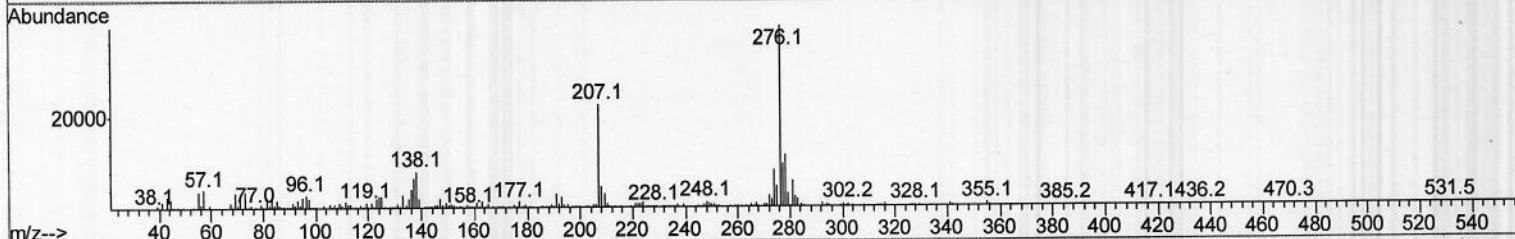
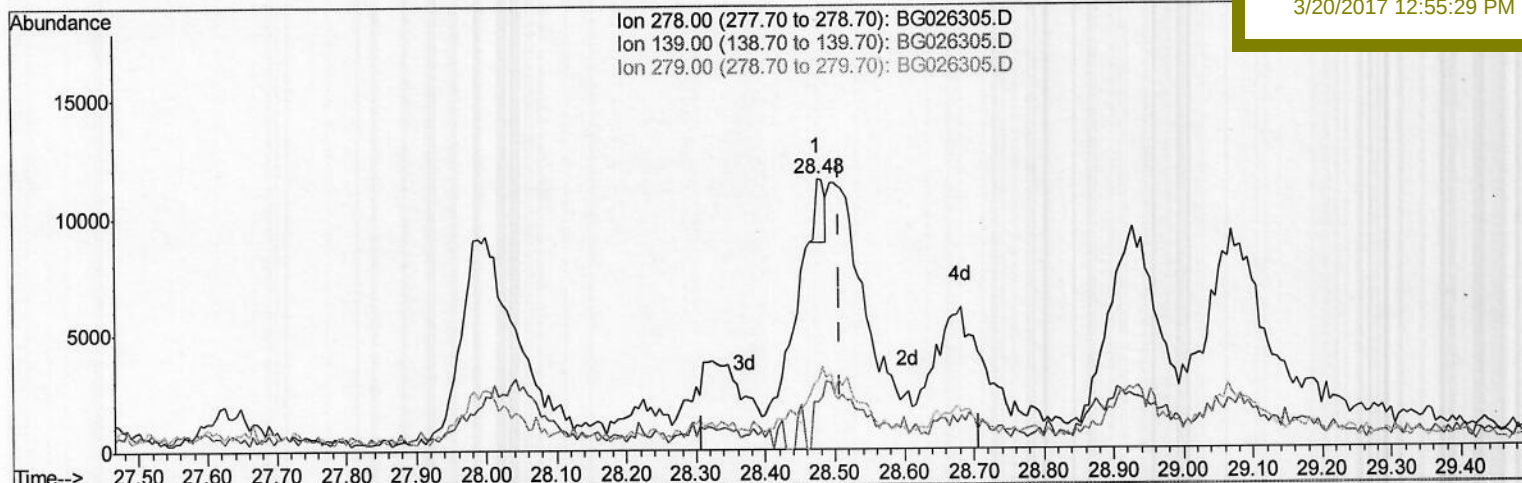
Data Path : Z:\HPCHEM1\BNA G\DATA\BG031717\
 Data File : BG026305.D
 Acq On : 18 Mar 2017 6:26
 Operator : SJ/MA
 Sample : I2283-07
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
ClientSampleId :
 CB306

Quant Time: Mar 18 07:02:33 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

Manual Integrations
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TIC: BG026305.D

(29) Dibenzo(a,h)anthracene

28.476min (-0.032) 0.07ng/ul

response 2485

Ion	Exp%	Act%
278.00	100	100
139.00	17.50	17.79
279.00	25.80	25.88
0.00	0.00	0.00

Quantitation Report (Qedit)

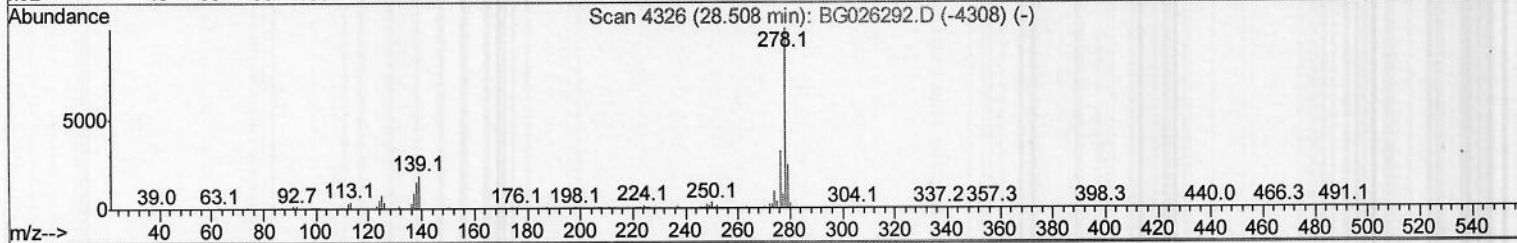
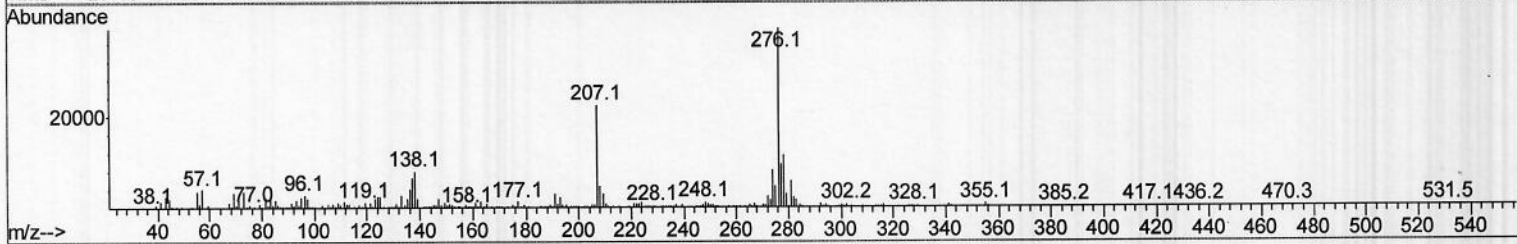
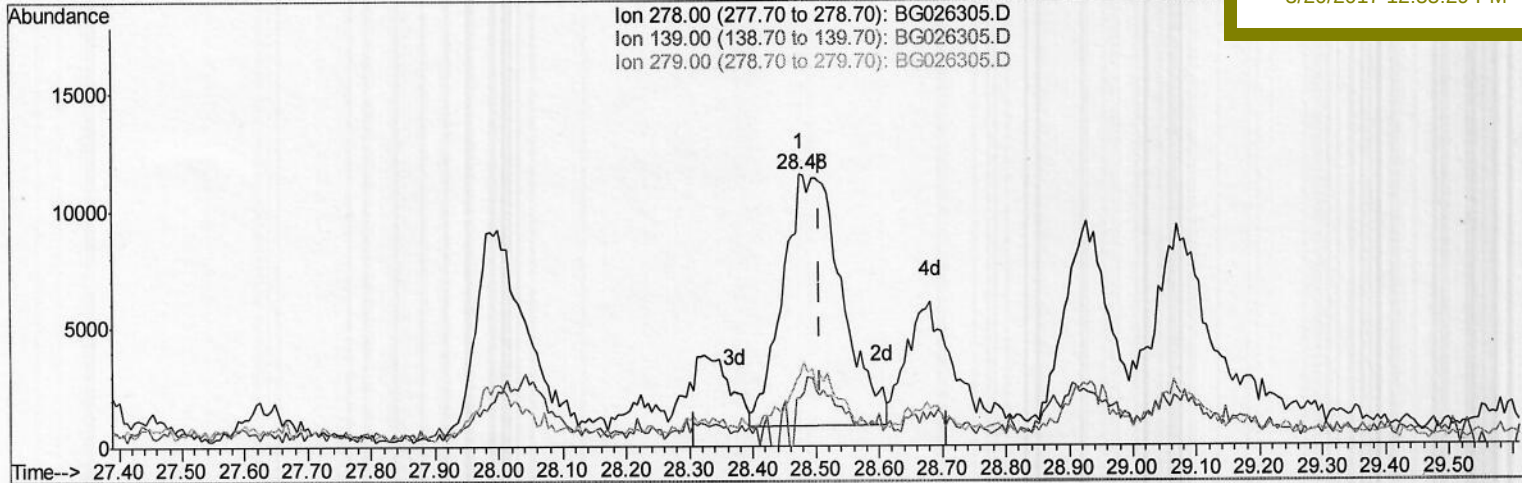
Data Path : Z:\HPCHEM1\BNA G\DATA\BG031717\
 Data File : BG026305.D
 Acq On : 18 Mar 2017 6:26
 Operator : SJ/MA
 Sample : I2283-07
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
ClientSampled :
 CB306

Quant Time: Mar 18 07:02:33 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

Manual Integrations
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 3/20/2017 12:55:29 PM



TIC: BG026305.D

(29) Dibenzo(a,h)anthracene

28.476min (-0.032) 1.85ng/ul m } 35
 response 68368 03/20/2017

Ion	Exp%	Act%
278.00	100	100
139.00	17.50	17.79
279.00	25.80	25.88
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031717\
 Data File : BG026305.D
 Acq On : 18 Mar 2017 6:26
 Operator : SJ/MA
 Sample : I2283-07
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB306

Quant Time: Mar 18 07:03:11 2017
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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	8.05	152	167515	20.00	ng/ul	0.00
2) Naphthalene-d8	10.86	136	791243	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	428129	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	847119	20.00	ng/ul	0.00
18) Chrysene-d12	21.64	240	845766	20.00	ng/ul	0.00
23) Perylene-d12	24.83	264	799433	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.48	165	48598	4.15	ng/uL	0.00
7) Acenaphthylene-d8	14.35	160	825751	22.62	ng/ul	0.00
10) Fluorene-d10	15.64	176	570028	21.41	ng/ul	0.00
15) Anthracene-d10	17.49	188	774635	20.58	ng/ul	0.00
19) Pyrene-d10	19.76	212	817301	18.94	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.60	264	731565	21.22	ng/ul	0.00
Target Compounds						Qvalue
14) Phenanthrene	17.43	178	430940	9.60	ng/ul	100
16) Anthracene	17.52	178	85023	1.87	ng/ul	98
17) Fluoranthene	19.43	202	816967	17.53	ng/ul	99
20) Pyrene	19.79	202	709840	13.18	ng/ul	98
21) Benzo(a)anthracene	21.62	228	434703	9.24	ng/ul	97
22) Chrysene	21.68	228	444401	10.12	ng/ul	99
24) Benzo(b)fluoranthene	23.82	252	633174	13.95	ng/ul	98
25) Benzo(k)fluoranthene	23.88	252	227275m	5.24	ng/ul	96
27) Benzo(a)pyrene	24.67	252	410277	9.73	ng/ul	
28) Indeno(1,2,3-cd)pyrene	28.45	276	246145m	5.29	ng/ul	
29) Dibenzo(a,h)anthracene	28.48	278	68368m	1.85	ng/ul	
30) Benzo(a,h,i)perylene	29.60	276	212548m	5.33	ng/ul	

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

ST
 03/20/2017