

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031717\
Data File : BG026310.D
Acq On : 18 Mar 2017 9:43
Operator : SJ/MA
Sample : I2283-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Mar 20 03:41:25 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 Sampled :

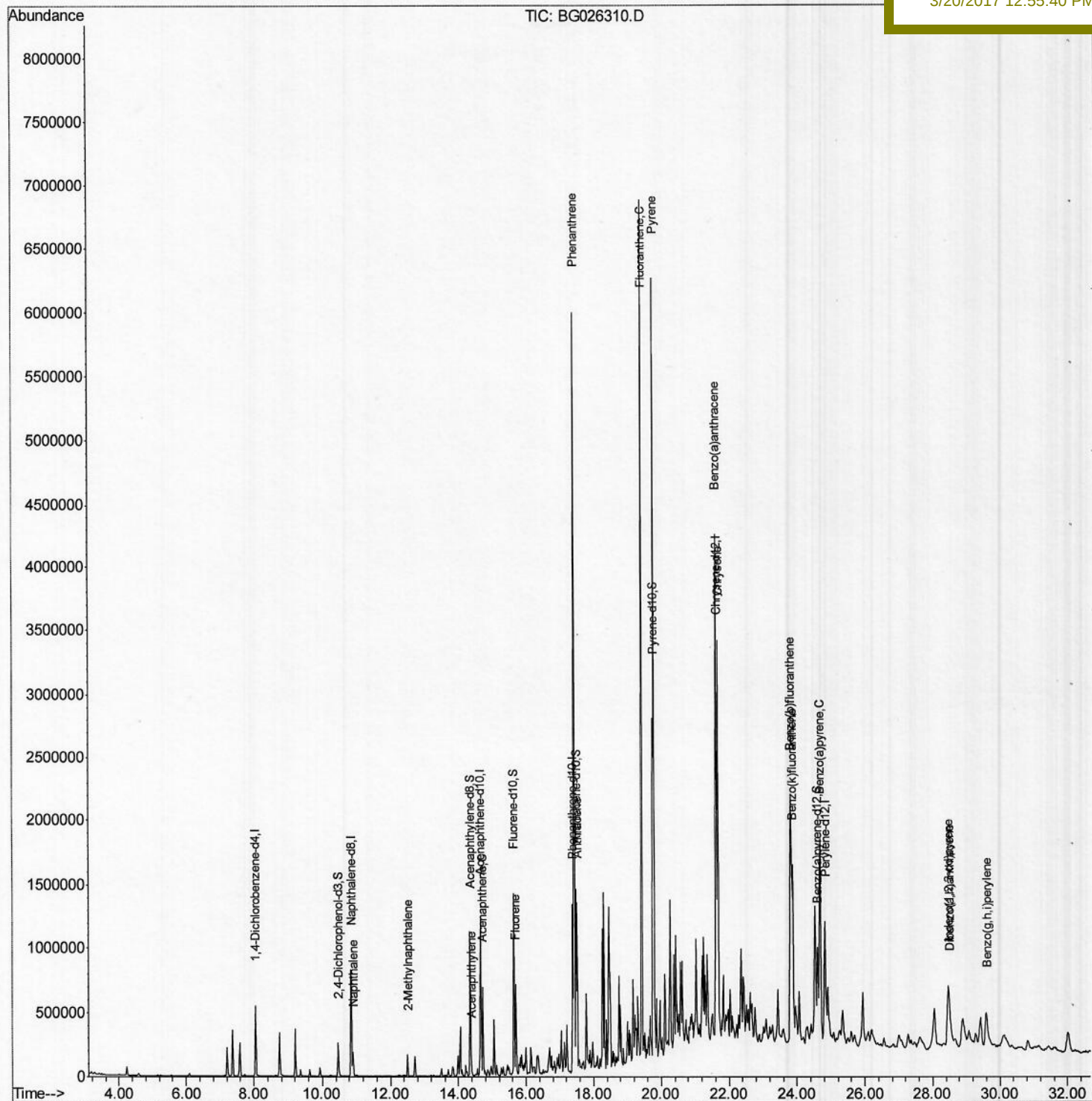
CB310

Manual Integrations

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mohammad

3/20/2017 12:55:40 PM



Quantitation Report (Qedit)

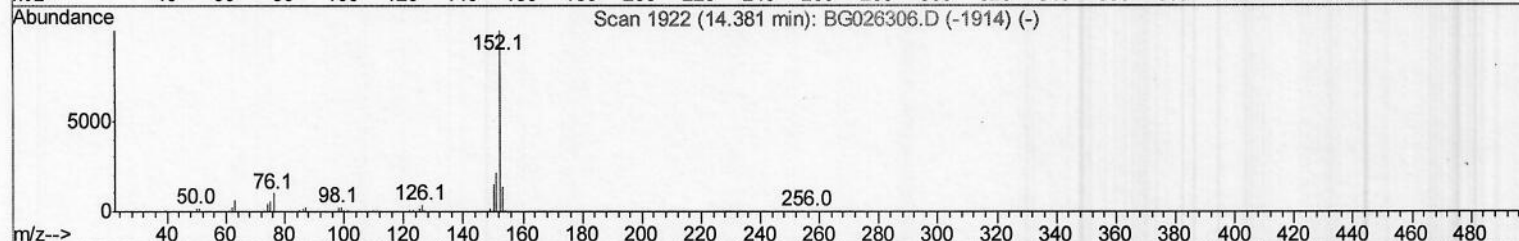
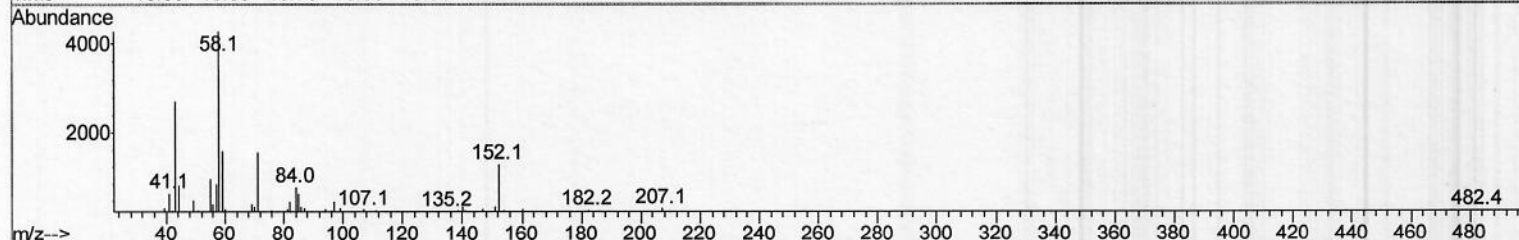
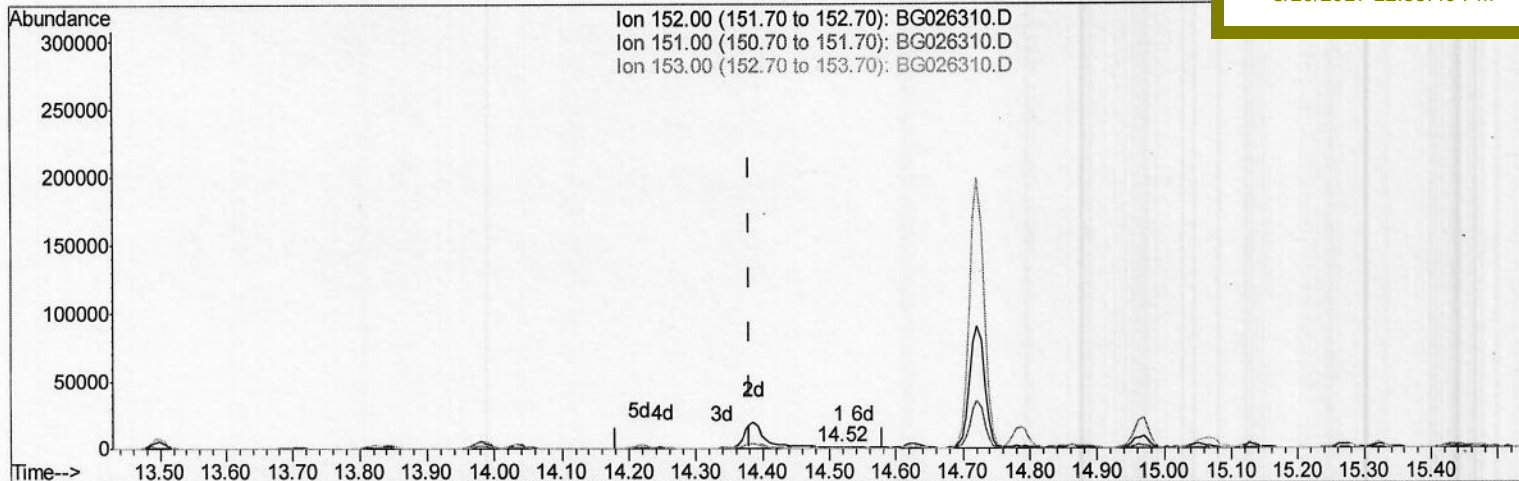
Data Path : Z:\HPCHEM1\BNA G\DATA\BG031717\
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 Acq On : 18 Mar 2017 9:43
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 Sample : I2283-11
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Quant Time: Mar 20 03:24:02 2017
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 Quant Title : SVOA CALIBRATION
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Instrument :
 BNA_G
ClientSampled :
 CB310

Manual Integrations
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TIC: BG026310.D

(8) Acenaphthylene

14.516min (+0.135) 0.02ng/ul

response 692

Ion	Exp%	Act%
152.00	100	100
151.00	21.90	21.91
153.00	13.30	13.00
0.00	0.00	0.00

Quantitation Report (Qedit)

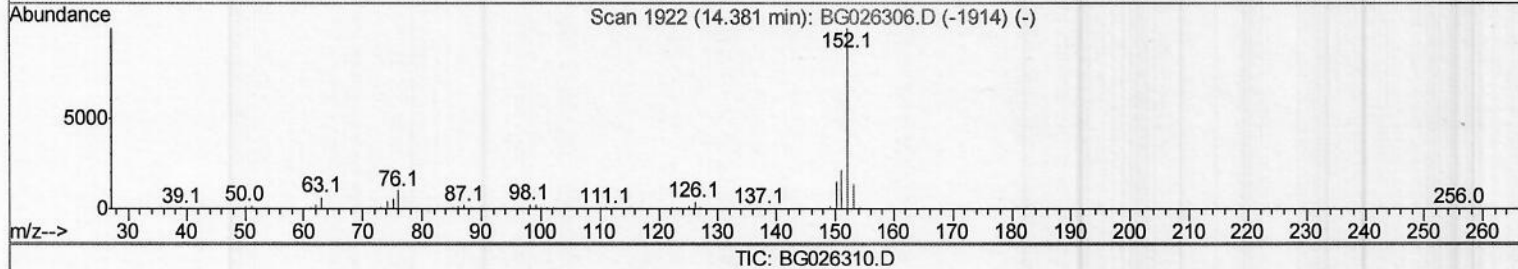
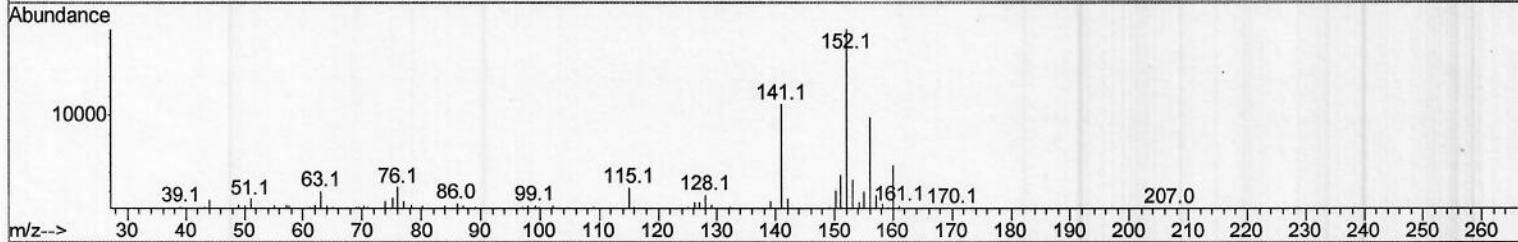
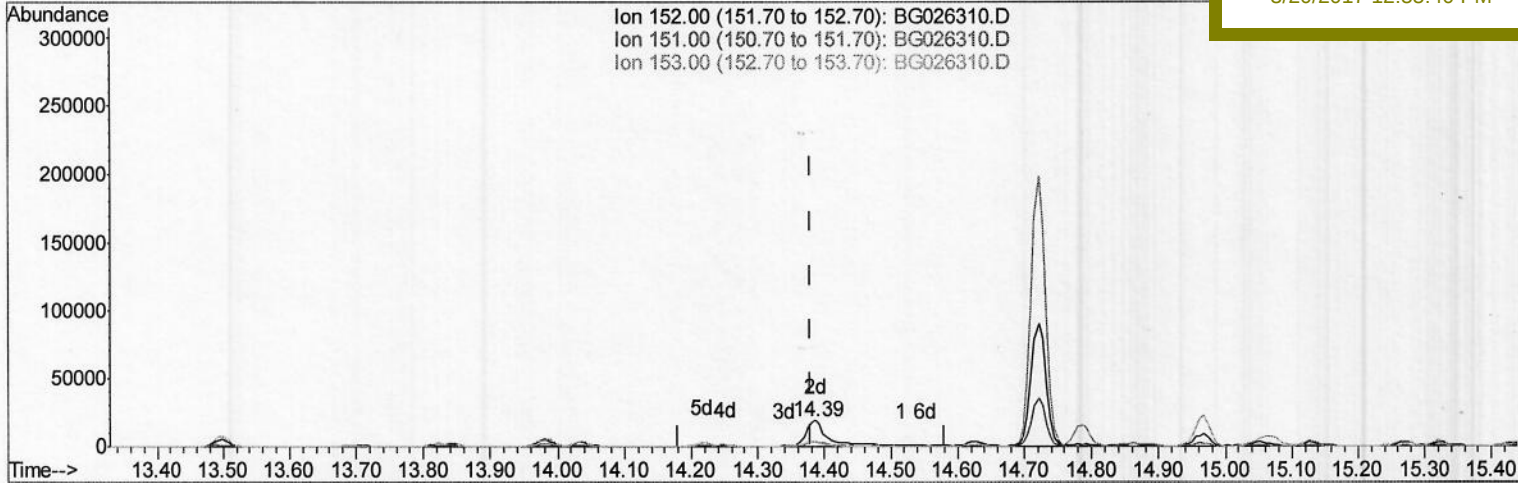
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 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 20 03:22:51 2017
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 CB310

Manual Integrations
 APPROVED

mohammad
 3/20/2017 12:55:40 PM



(8) Acenaphthylene

14.387min (+0.006) 1.07ng/ul m

response 39401

Ion	Exp%	Act%
152.00	100	100
151.00	21.90	19.94
153.00	13.30	17.08#
0.00	0.00	0.00

SJ
 03/20/2017

Quantitation Report (Qedit)

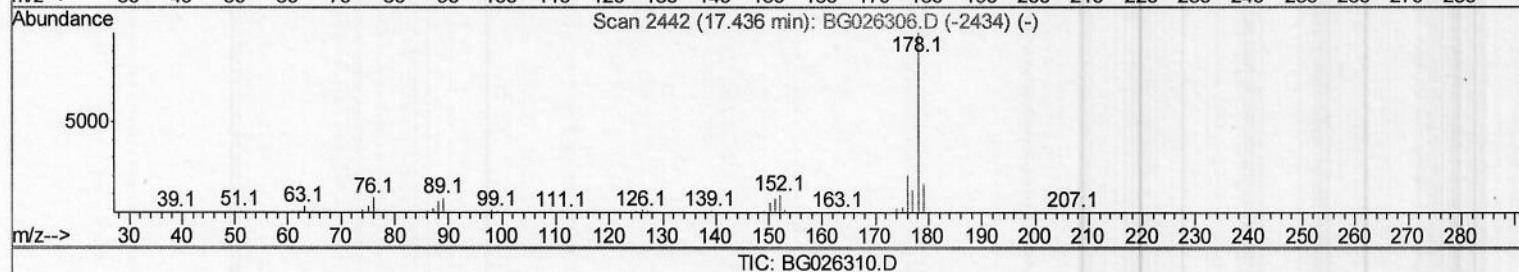
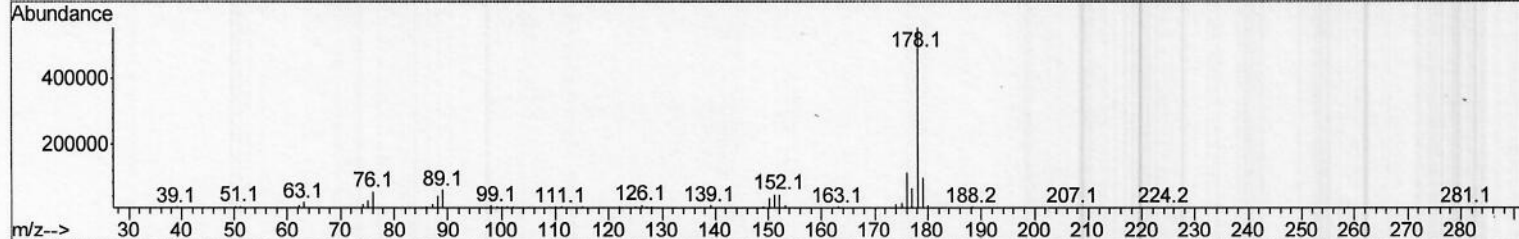
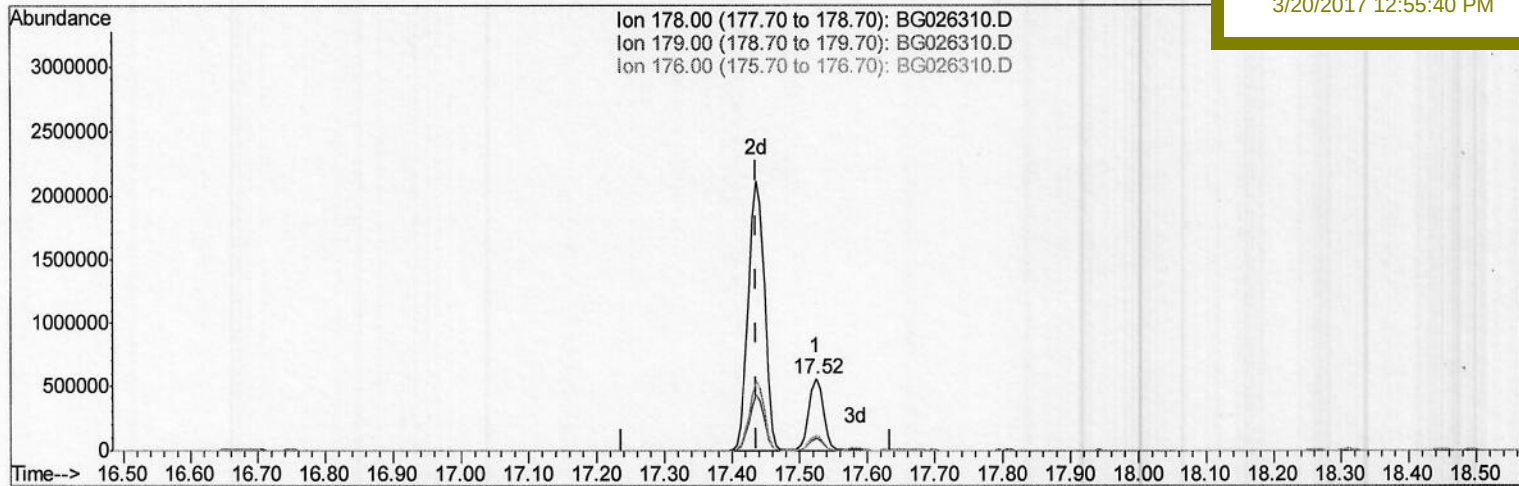
Data Path : Z:\HPCHEM1\BNA G\DATA\BG031717\
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Instrument :
 BNA_G
ClientSampleId :
 CB310

Manual Integrations
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(14) Phenanthrene

17.524min (+0.088) 18.41ng/ul

response 831583

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	17.10
176.00	20.50	20.23
0.00	0.00	0.00

Quantitation Report (Qedit)

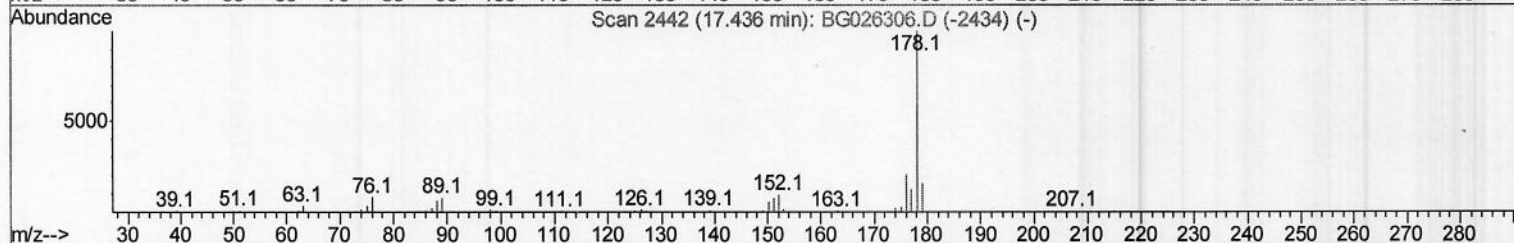
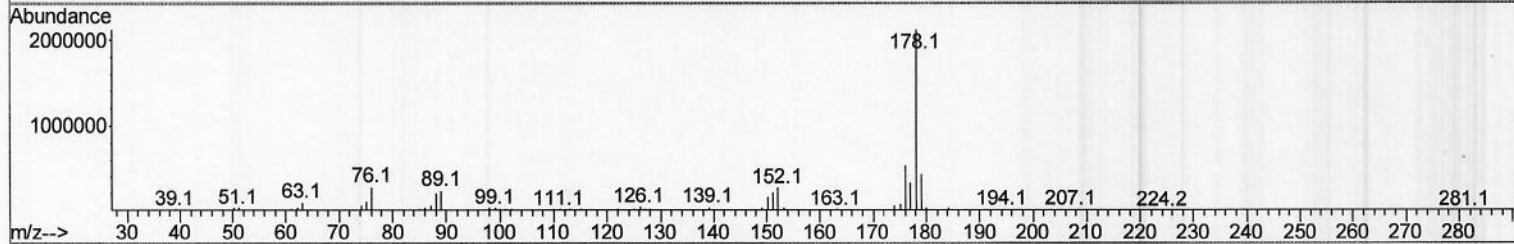
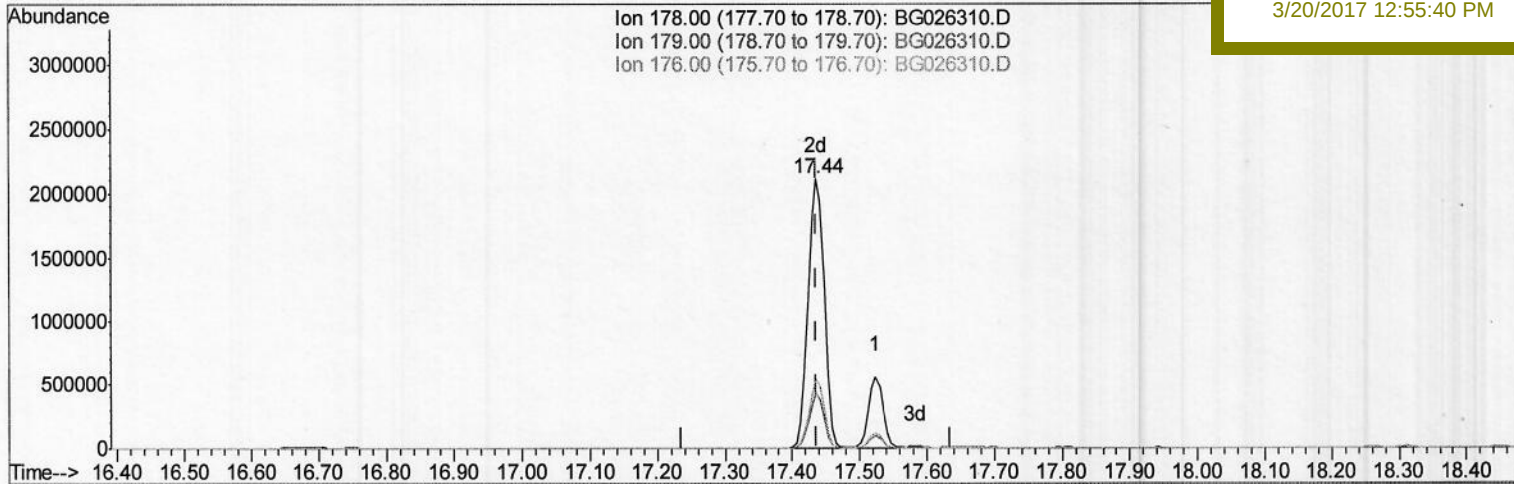
Data Path : Z:\HPCHEM1\BNA G\DATA\BG031717\
 Data File : BG026310.D
 Acq On : 18 Mar 2017 9:43
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 Sample : I2283-11
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 ALS Vial : 33 Sample Multiplier: 1

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 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 :
 CB310

Manual Integrations
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TIC: BG026310.D

(14) Phenanthrene

17.436min (+0.000) 77.88ng/ul m

response 3518043

Ion Exp% Act%

178.00 100 100

179.00 15.30 20.53#

176.00 20.50 25.50#

0.00 0.00 0.00

SJ
 03/20/2017

Quantitation Report (Qedit)

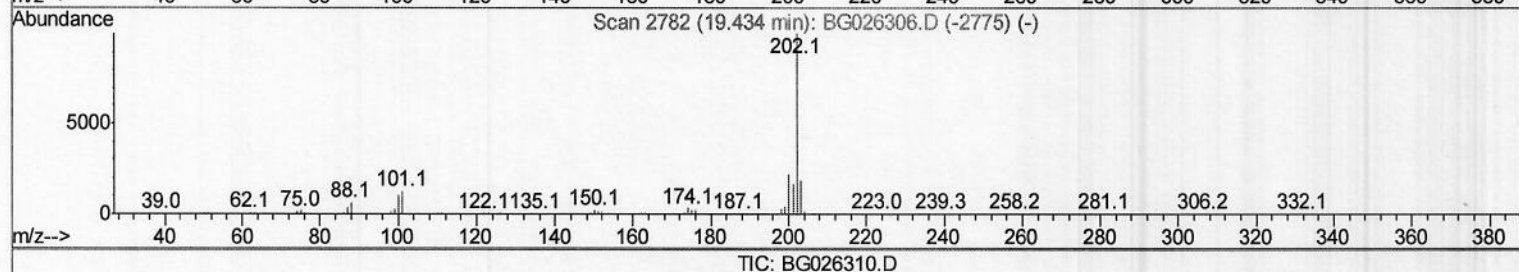
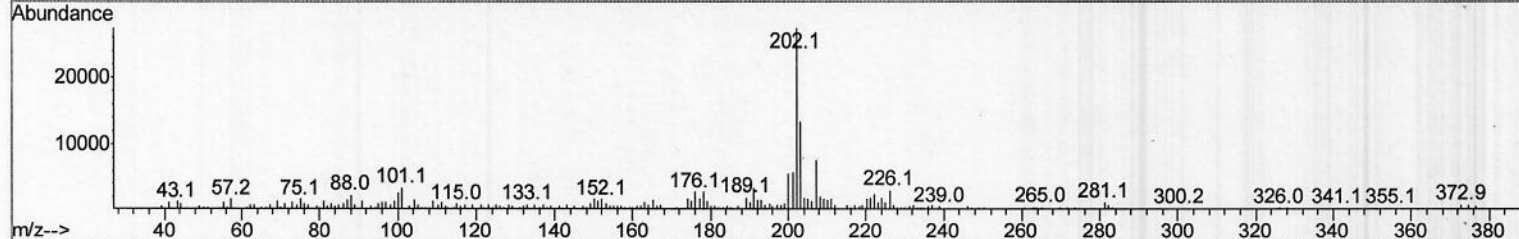
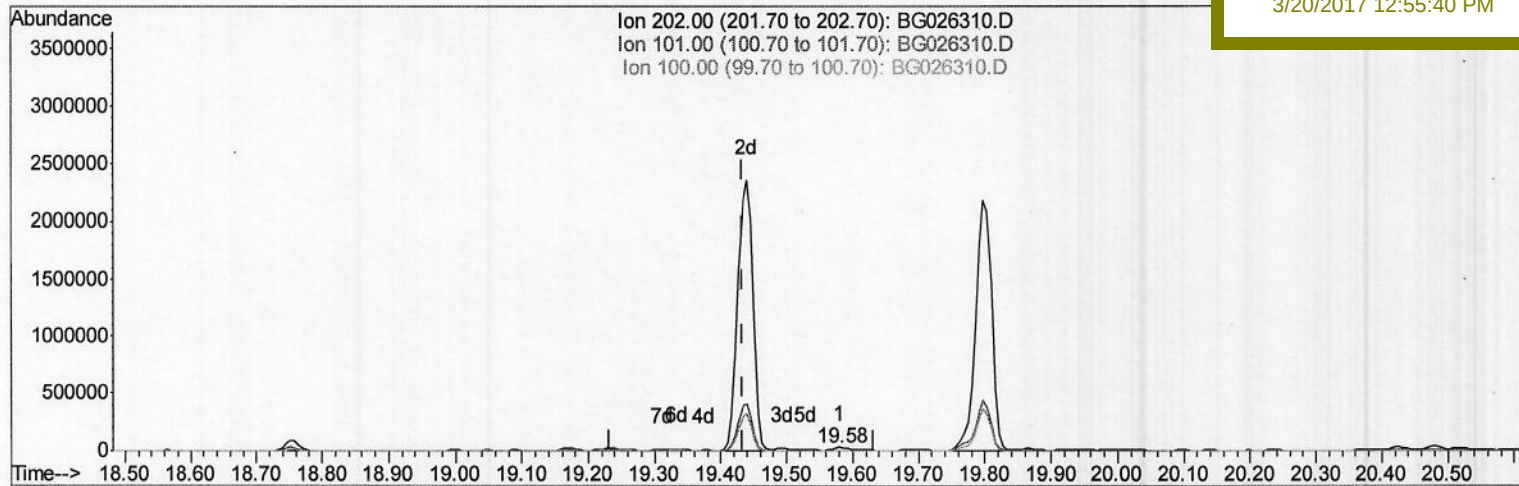
Data Path : Z:\HPCHEM1\BNA G\DATA\BG031717\
 Data File : BG026310.D
 Acq On : 18 Mar 2017 9:43
 Operator : SJ/MA
 Sample : I2283-11
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Quant Time: Mar 20 03:24:02 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 :
 CB310

Manual Integrations
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(17) Fluoranthene (C)

19.581min (+0.147) 0.73ng/ul

response 34419

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	12.14
100.00	9.40	9.37
0.00	0.00	0.00

Quantitation Report (Qedit)

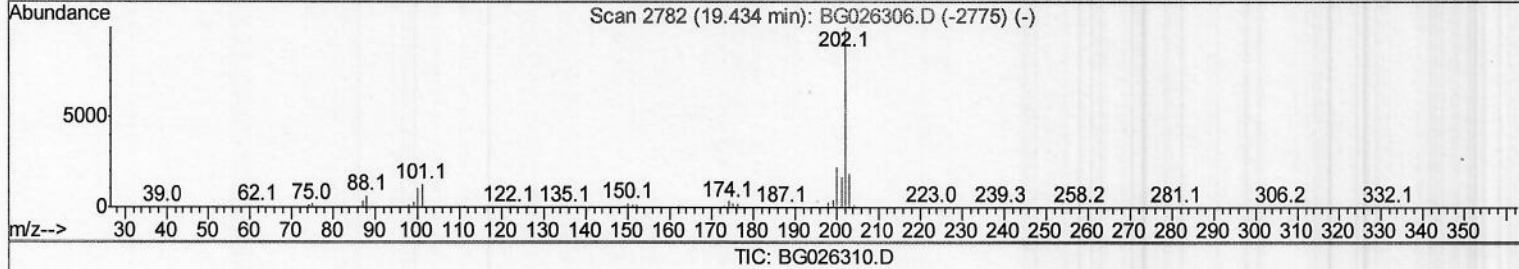
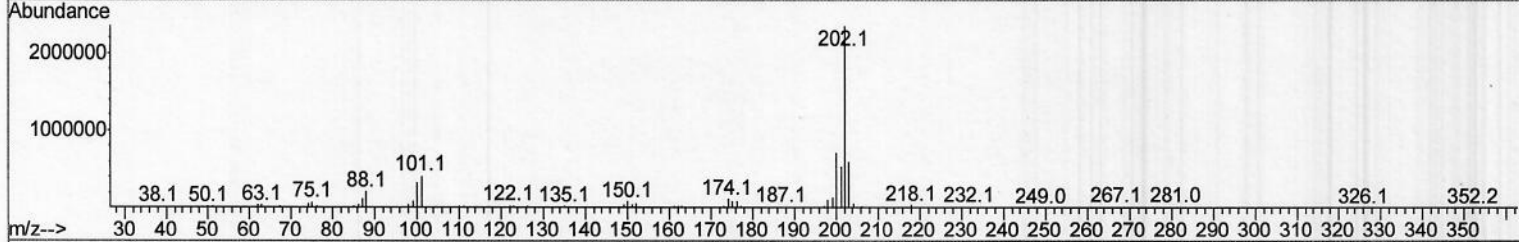
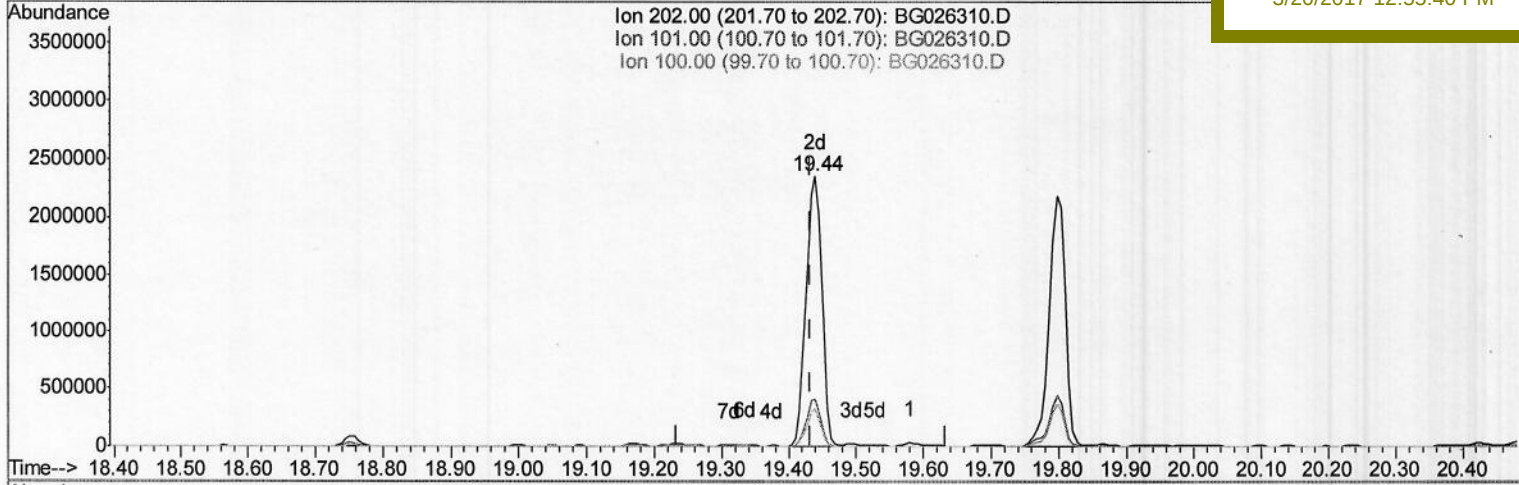
Data Path : Z:\HPCHEM1\BNA G\DATA\BG031717\
 Data File : BG026310.D
 Acq On : 18 Mar 2017 9:43
 Operator : SJ/MA
 Sample : I2283-11
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Quant Time: Mar 20 03:24:02 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 :
 CB310

Manual Integrations
APPROVED

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 3/20/2017 12:55:40 PM



TIC: BG026310.D

(17) Fluoranthene (C)

19.439min (+0.006) 81.79ng/ul m 55
 response 3835846 03/20/2017

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	17.38#
100.00	9.40	13.83#
0.00	0.00	0.00

Quantitation Report (Qedit)

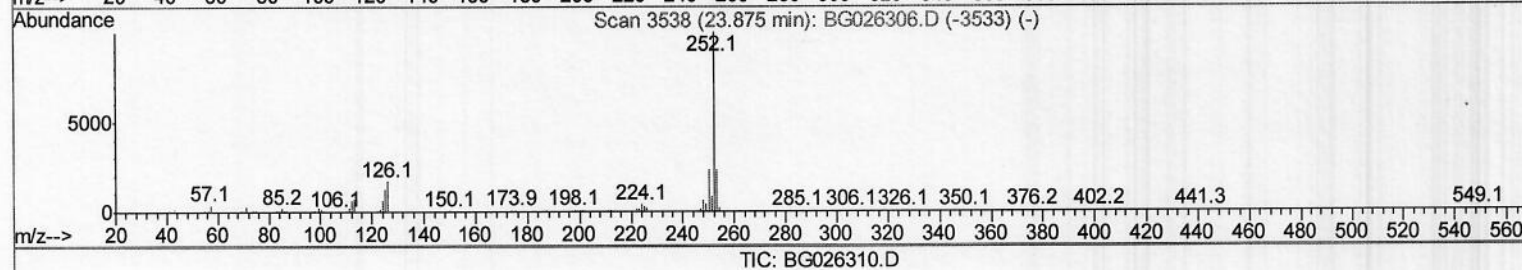
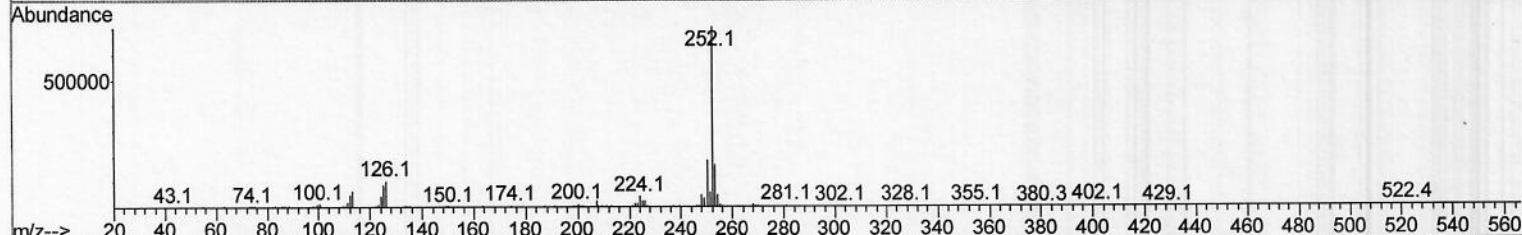
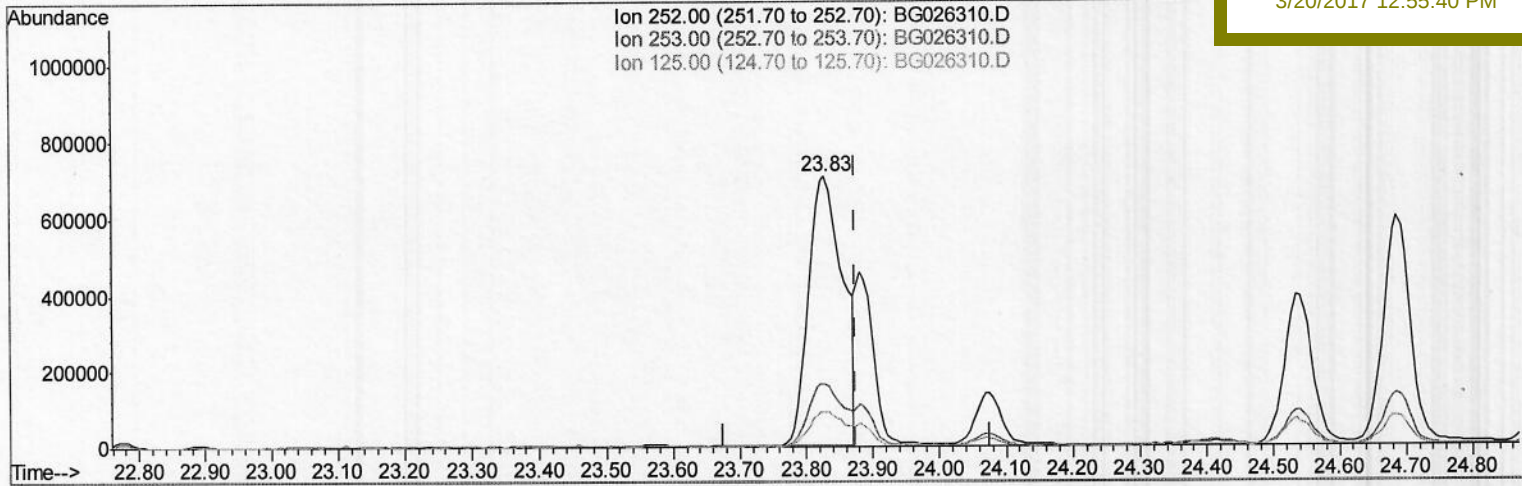
Data Path : Z:\HPCHEM1\BNA G\DATA\BG031717\
 Data File : BG026310.D
 Acq On : 18 Mar 2017 9:43
 Operator : SJ/MA
 Sample : I2283-11
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Quant Time: Mar 20 03:24:02 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 Sampled :
 CB310

Manual Integrations
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 3/20/2017 12:55:40 PM



(25) Benzo(k)fluoranthene

23.828min (-0.047) 56.82ng/ul

response 2518967

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	23.01
125.00	11.00	12.54
0.00	0.00	0.00

Quantitation Report (Qedit)

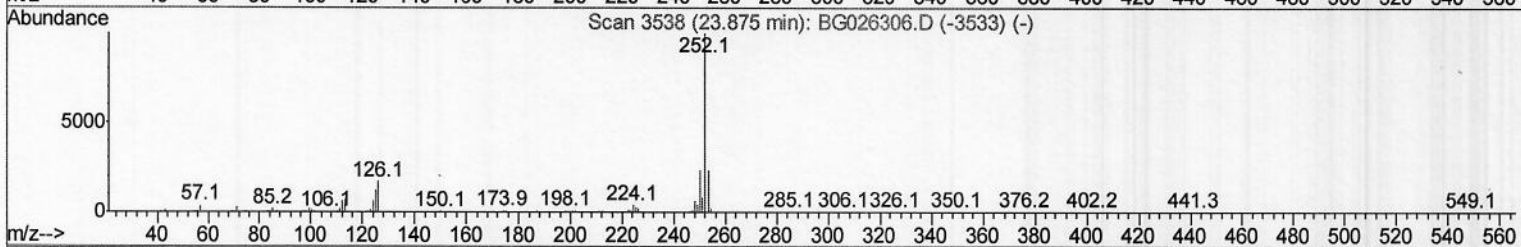
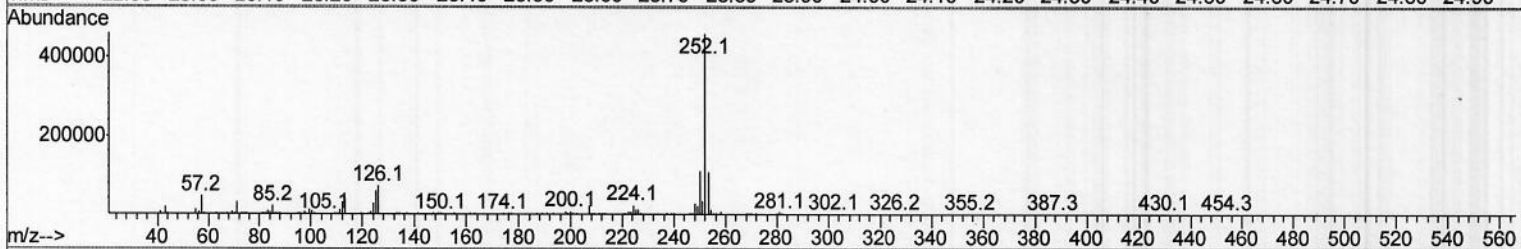
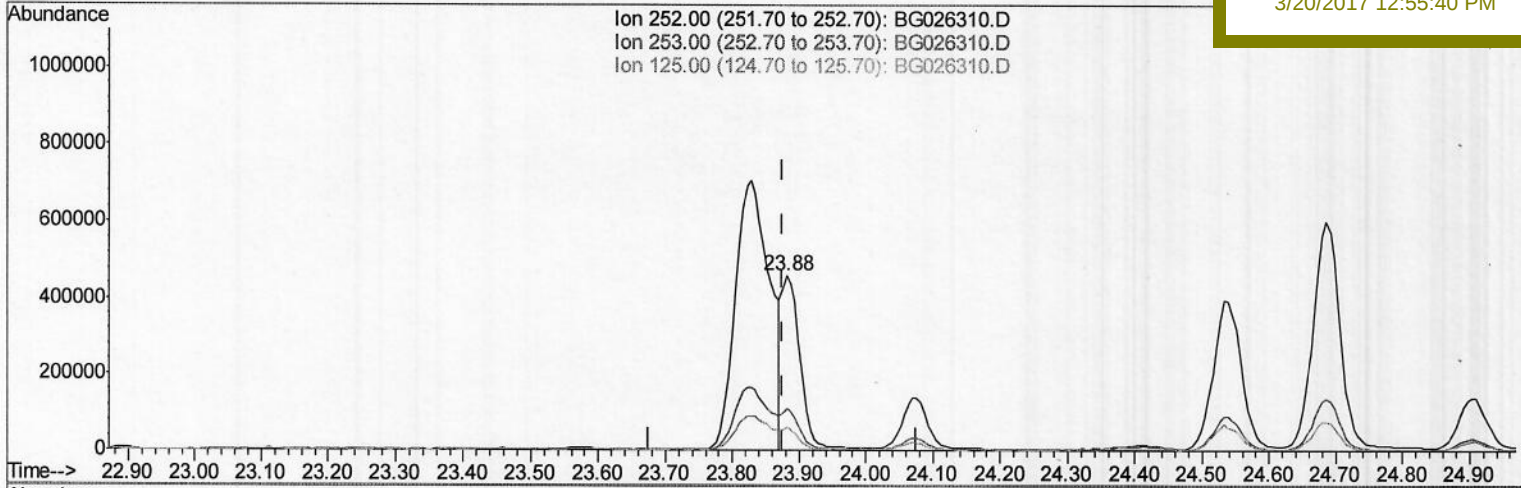
Data Path : Z:\HPCHEM1\BNA G\DATA\BG031717\
 Data File : BG026310.D
 Acq On : 18 Mar 2017 9:43
 Operator : SJ/MA
 Sample : I2283-11
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Quant Time: Mar 20 03:24:02 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 :
 CB310

Manual Integrations
APPROVED

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 3/20/2017 12:55:40 PM



TIC: BG026310.D

(25) Benzo(k)fluoranthene

23.881min (+0.006) 19.61ng/ul m)

response 869504

Ion Exp% Act%

252.00 100 100

253.00 21.80 23.50

125.00 11.00 12.94

0.00 0.00 0.00

35
03/20/2017

Quantitation Report (Qedit)

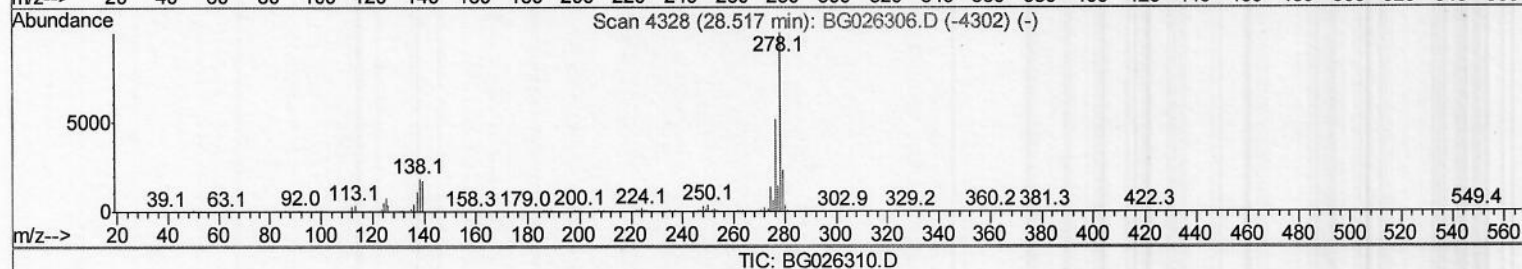
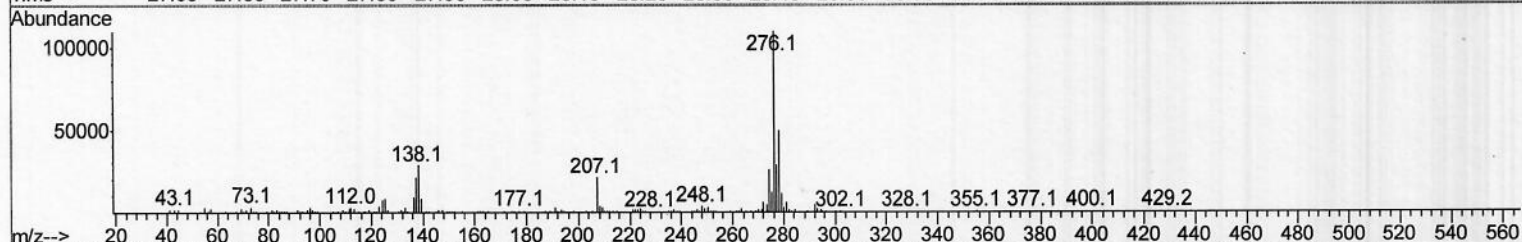
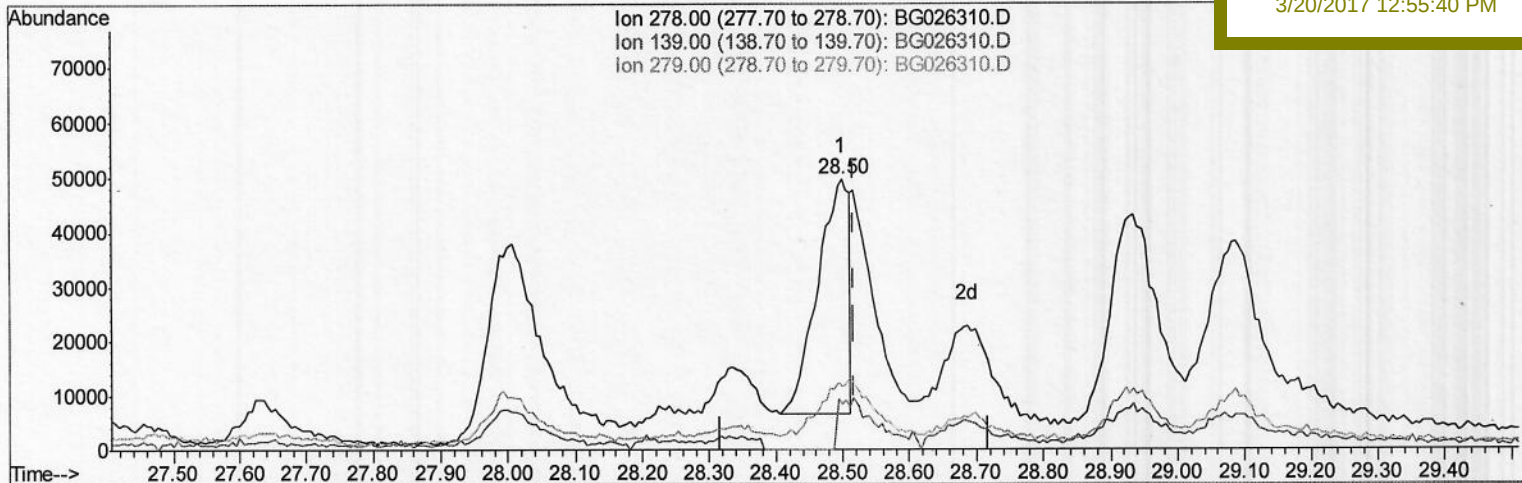
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Instrument :
 BNA_G
ClientSampleId :
 CB310

Manual Integrations
APPROVED

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(29) Dibenzo(a,h)anthracene

28.499min (-0.018) 3.79ng/ul

response 143287

Ion	Exp%	Act%
278.00	100	100
139.00	17.50	16.66
279.00	25.80	23.10
0.00	0.00	0.00

Quantitation Report (Qedit)

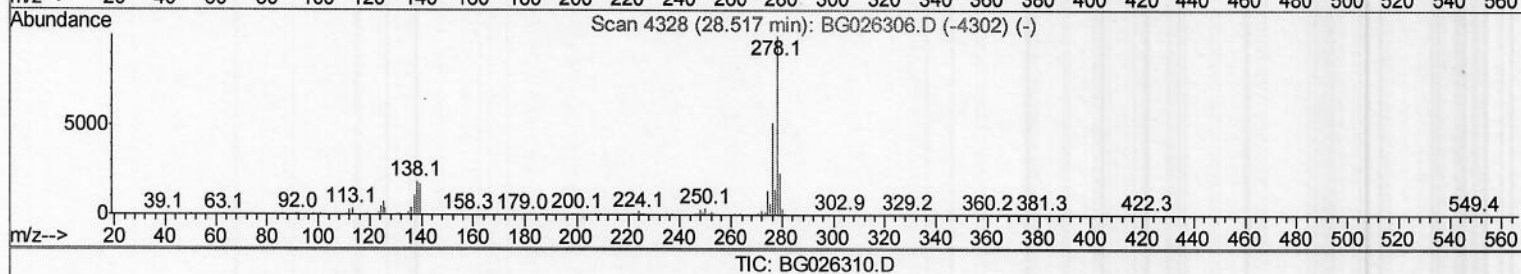
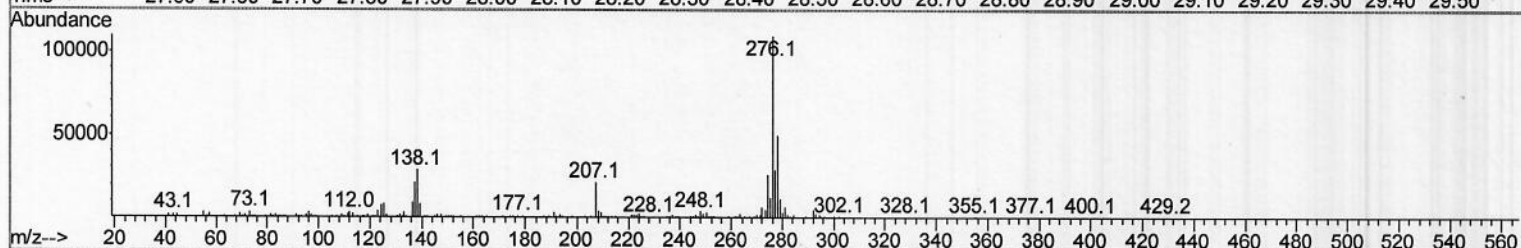
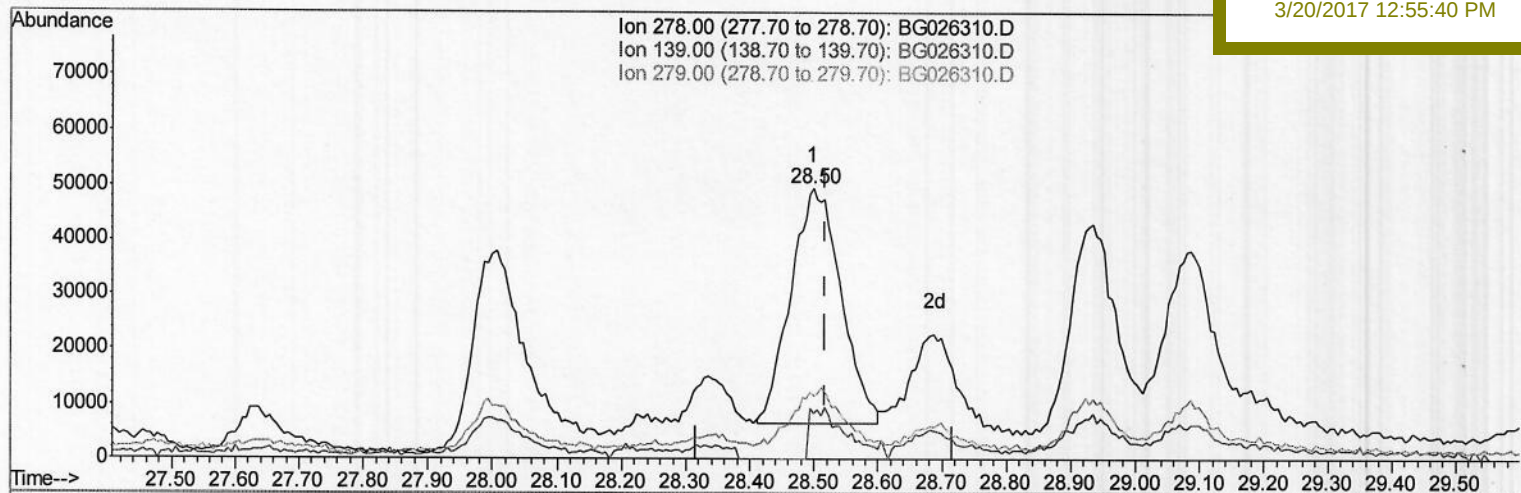
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 Misc :
 ALS Vial : 33 Sample Multiplier: 1

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Instrument :
 BNA_G
 ClientSampleId :
 CB310

Manual Integrations
 APPROVED

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 3/20/2017 12:55:40 PM



(29) Dibenzo(a,h)anthracene

28.499min (-0.018) 6.19ng/ul m

response 233891

Ion	Exp%	Act%
278.00	100	100
139.00	17.50	16.66
279.00	25.80	23.10
0.00	0.00	0.00

SJ
 03/20/2017

Quantitation Report (Qedit)

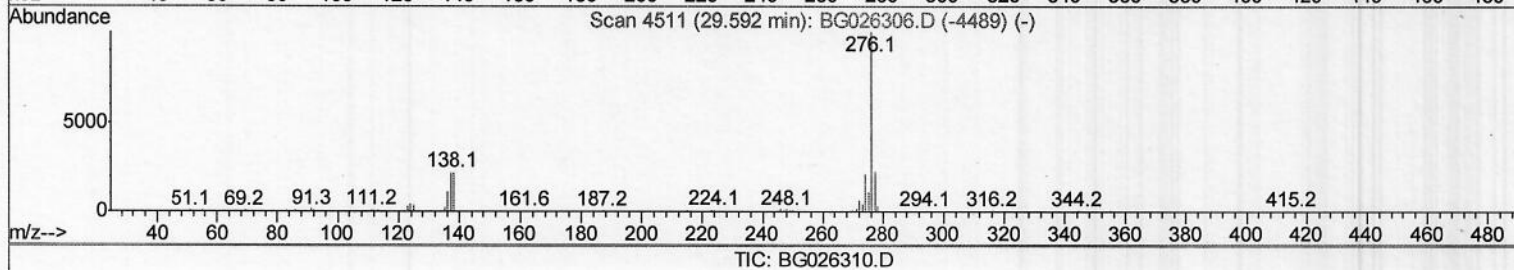
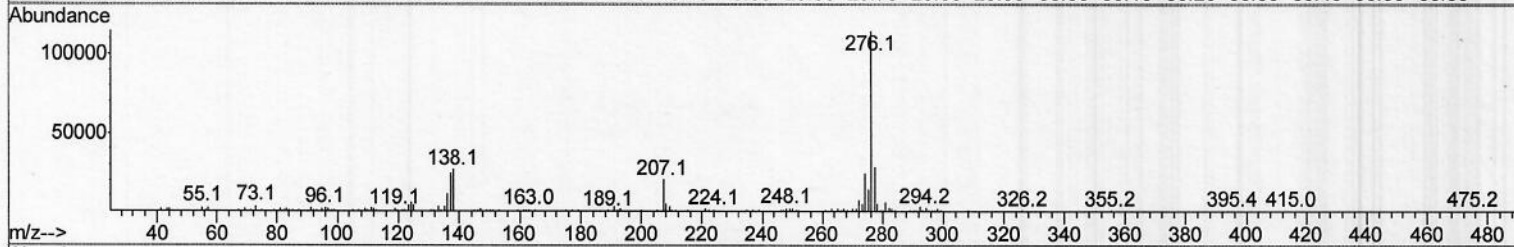
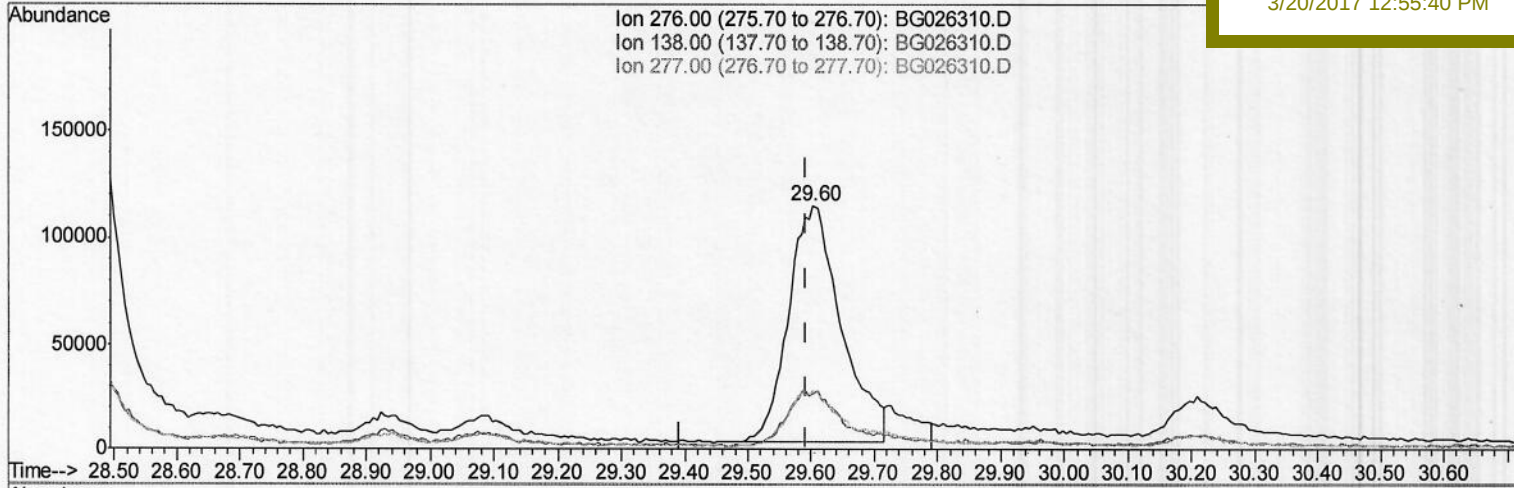
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 BNA_G
ClientSampleId :
 CB310

Manual Integrations
APPROVED

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 3/20/2017 12:55:40 PM



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

29.604min (+0.012) 15.76ng/ul

response 642652

Ion	Exp%	Act%
276.00	100	100
138.00	23.70	23.35
277.00	24.60	24.49
0.00	0.00	0.00

Quantitation Report (Qedit)

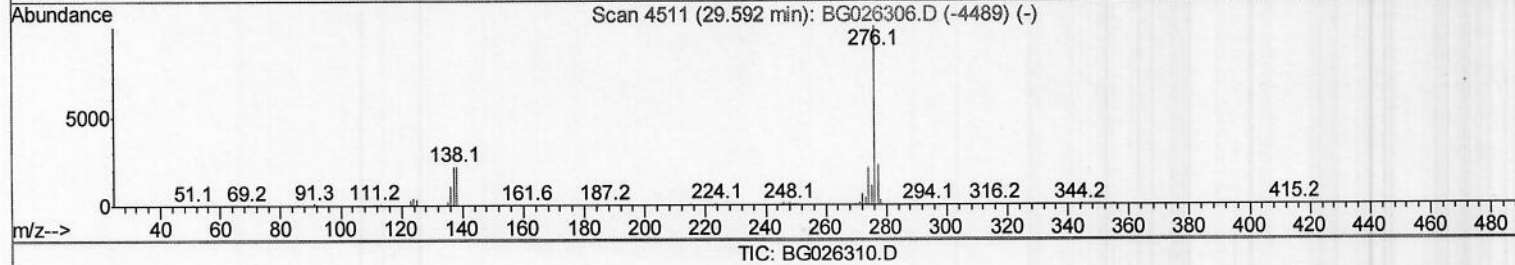
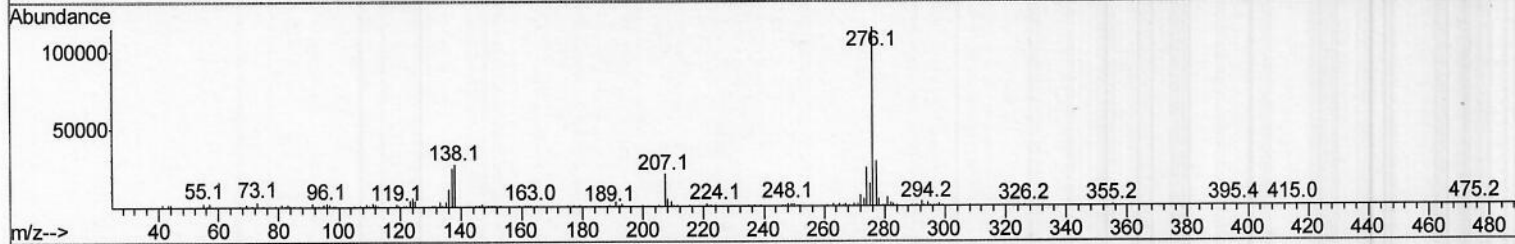
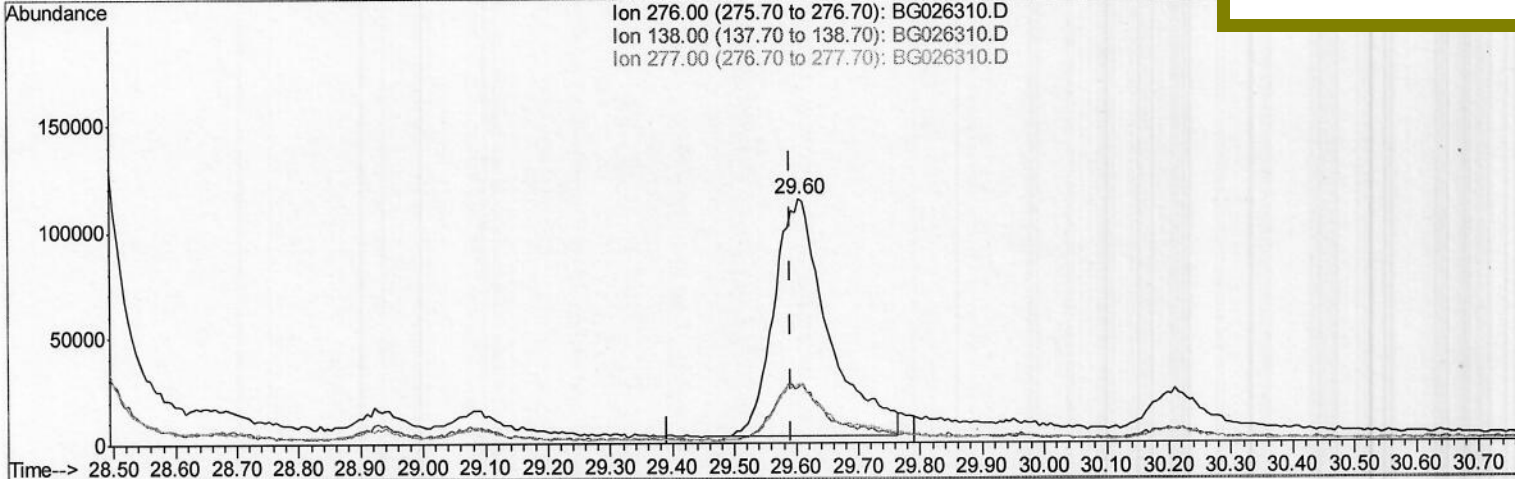
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Manual Integrations
 APPROVED

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 3/20/2017 12:55:40 PM

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 Response via : Initial Calibration



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

29.604min (+0.012) 16.74ng/ul m

response 682662

Ion Exp% Act%

276.00	100	100
138.00	23.70	23.35
277.00	24.60	24.49
0.00	0.00	0.00

SS
 03/20/2017

Quantitation Report

(QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031717\
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Instrument :

BNA_G

Client Sample ID :

CB310

Manual Integrations

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mohammad

3/20/2017 12:55:40 PM

Quant Time: Mar 20 03:41:25 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030317-PAH.M
 Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	170074	20.00	ng/ul	0.00
2) Naphthalene-d8	10.86	136	780082	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	421417	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	852426	20.00	ng/ul	0.00
18) Chrysene-d12	21.64	240	851093	20.00	ng/ul	0.00
23) Perylene-d12	24.83	264	817776	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.47	165	119001	10.30	ng/uL	0.00
7) Acenaphthylene-d8	14.35	160	856117	23.83	ng/ul	0.00
10) Fluorene-d10	15.64	176	595280	22.71	ng/ul	0.00
15) Anthracene-d10	17.49	188	828443	21.87	ng/ul	0.00
19) Pyrene-d10	19.77	212	828080	19.07	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.61	264	762314	21.61	ng/ul	0.00
Target Compounds						
4) Naphthalene	10.90	128	161302	4.23	ng/ul	97
5) 2-Methylnaphthalene	12.50	142	87850	3.10	ng/ul	98
8) Acenaphthylene	14.39	152	39401m	1.07	ng/ul	
9) Acenaphthene	14.72	153	296436	11.43	ng/ul	95
11) Fluorene	15.70	166	319779	10.92	ng/ul	100
14) Phenanthrene	17.44	178	3518043m	77.88	ng/ul	
16) Anthracene	17.52	178	830559	18.20	ng/ul	98
17) Fluoranthene	19.44	202	3835846m	81.79	ng/ul	
20) Pyrene	19.80	202	3643045	67.23	ng/ul#	87
21) Benzo(a)anthracene	21.63	228	2132631	45.02	ng/ul	92
22) Chrysene	21.69	228	2095157	47.40	ng/ul	97
24) Benzo(b)fluoranthene	23.83	252	2518967	54.25	ng/ul	98
25) Benzo(k)fluoranthene	23.88	252	869504m	19.61	ng/ul	
27) Benzo(a)pyrene	24.69	252	1630949	37.80	ng/ul	97
28) Indeno(1,2,3-cd)pyrene	28.46	276	880141	18.48	ng/ul	98
29) Dibenzo(a,h)anthracene	28.50	278	233891m	6.19	ng/ul	
30) Benzo(a,h,i)perylene	29.60	276	682662m	16.74	ng/ul	

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