

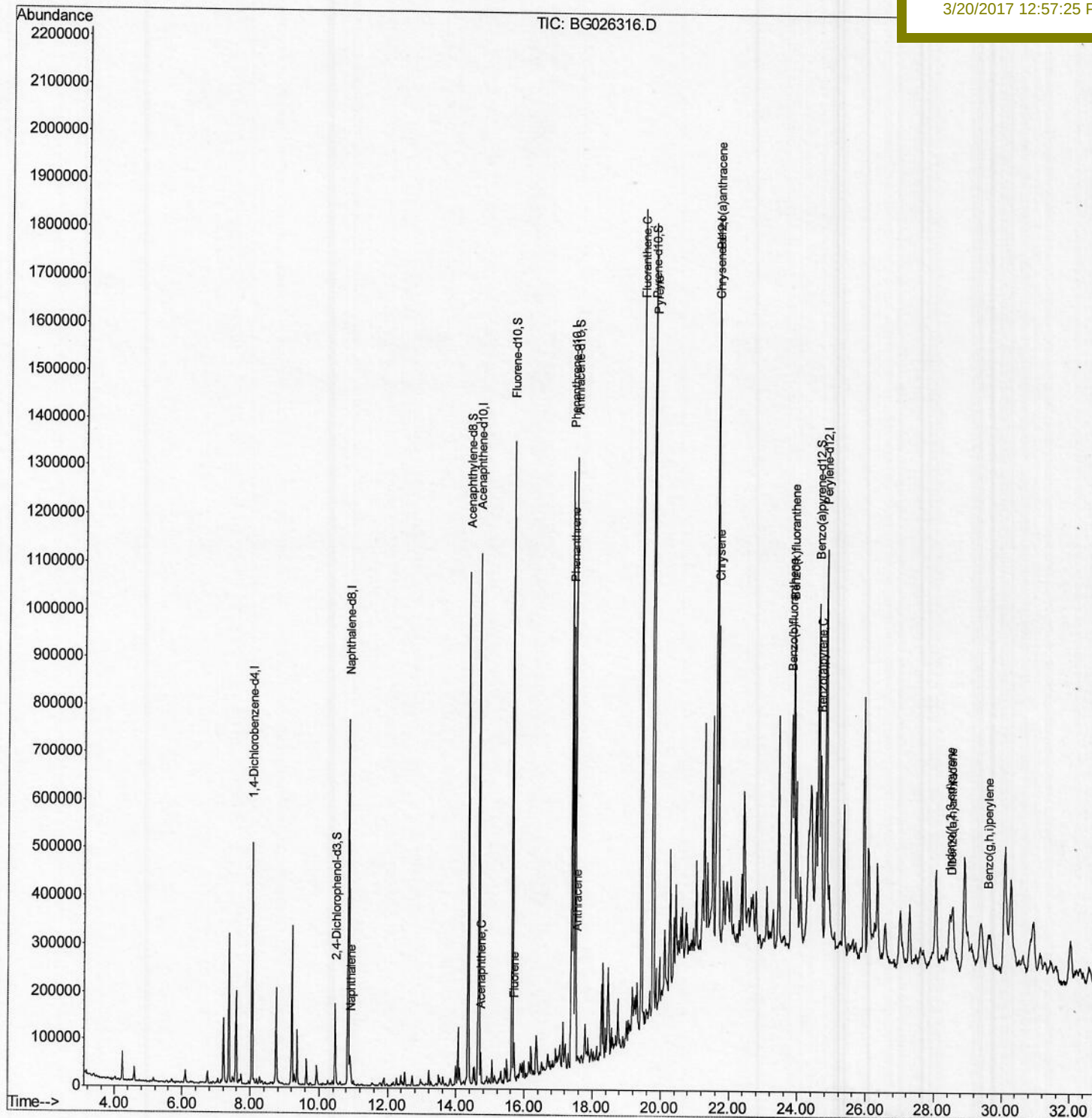
Data Path : Z:\HPCHEM1\BNA G\DATA\BG031717\
Data File : BG026316.D
Acq On : 18 Mar 2017 13:38
Operator : SJ/MA
Sample : I2283-19
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Mar 20 04:00:37 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 :
CB316

Manual Integrations
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Quantitation Report (Qedit)

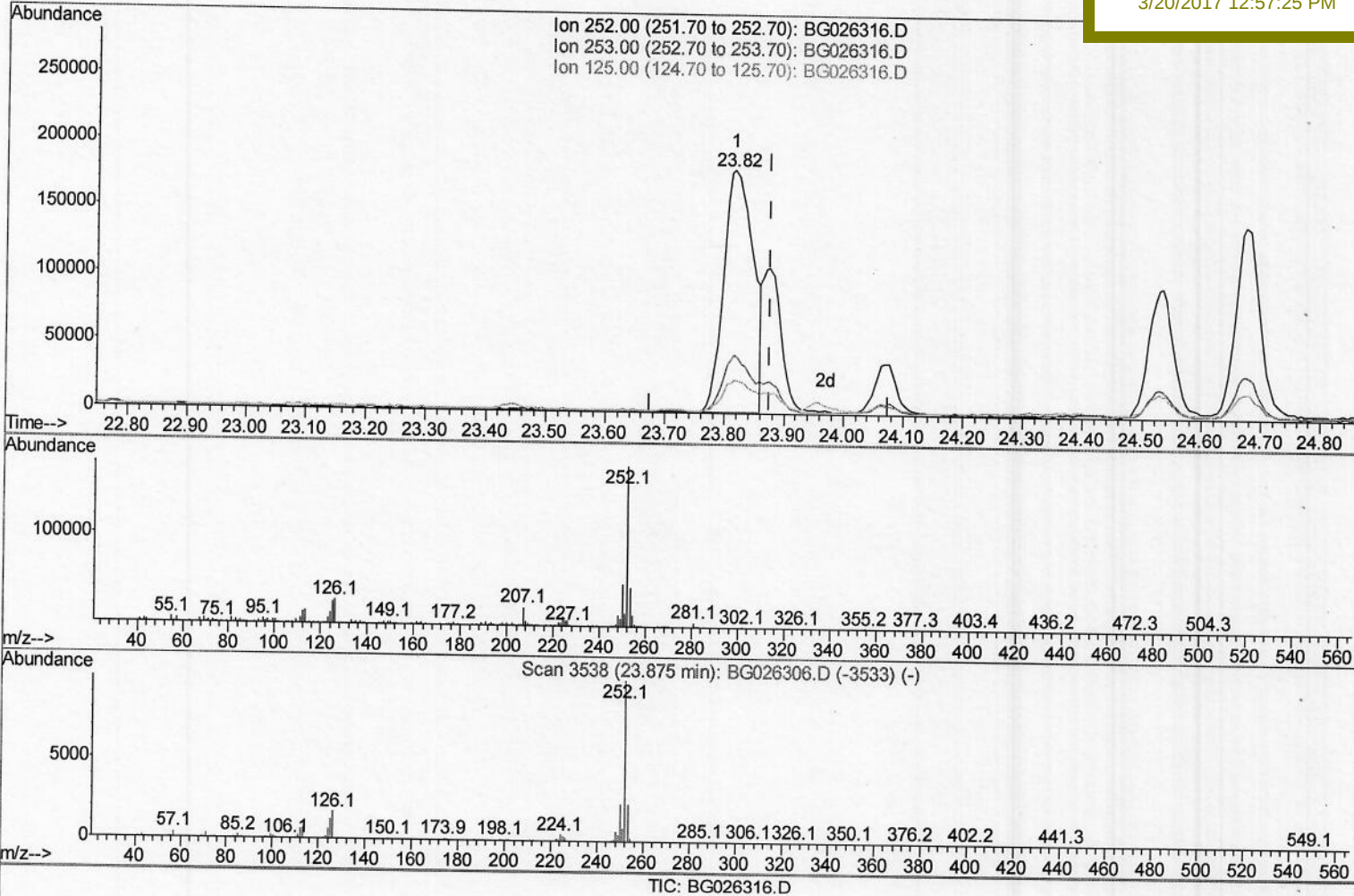
Data Path : Z:\HPCHEM1\BNA G\DATA\BG031717\
 Data File : BG026316.D
 Acq On : 18 Mar 2017 13:38
 Operator : SJ/MA
 Sample : I2283-19
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB316

Quant Time: Mar 20 03:24:59 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
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(25) Benzo(k)fluoranthene

23.817min (-0.059) 15.24ng/ul

response 613807

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	23.81
125.00	11.00	13.78#
0.00	0.00	0.00

Quantitation Report (Qedit)

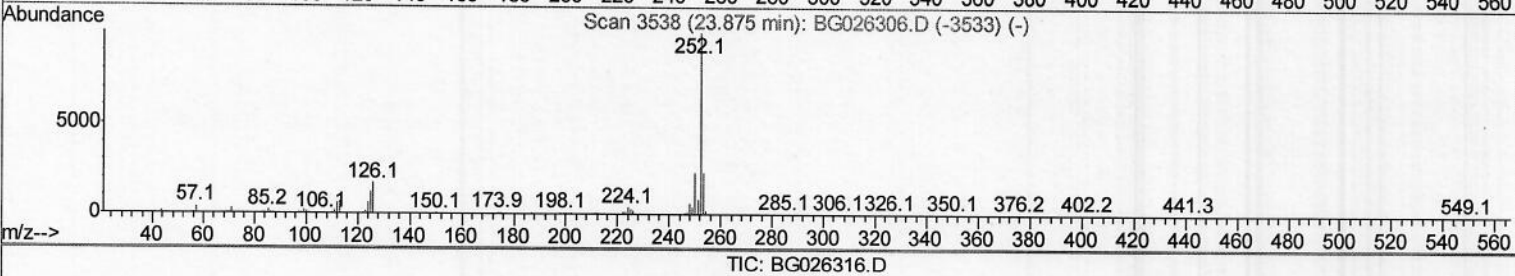
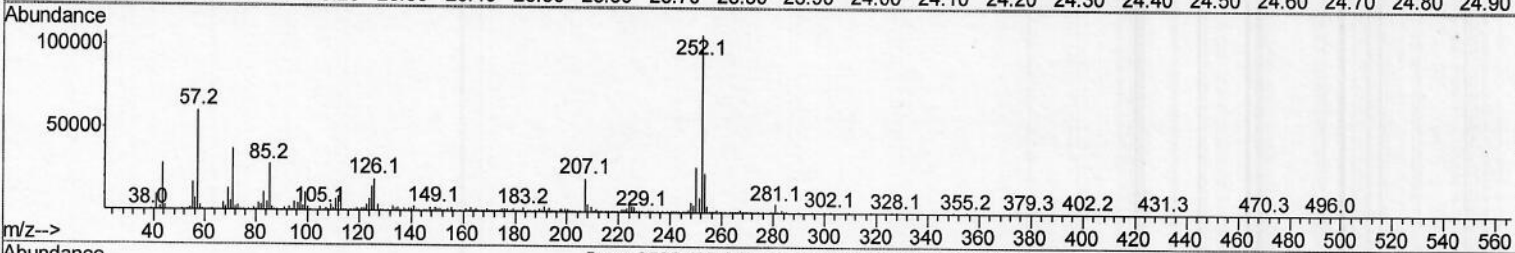
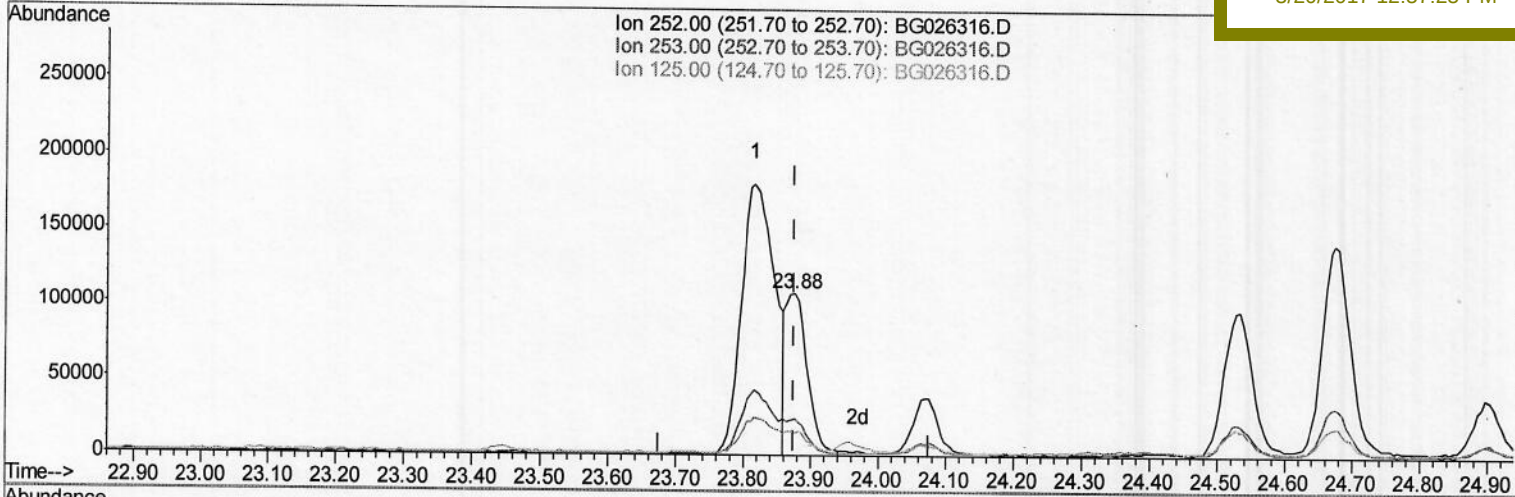
Data Path : Z:\HPCHEM1\BNA G\DATA\BG031717\
 Data File : BG026316.D
 Acq On : 18 Mar 2017 13:38
 Operator : SJ/MA
 Sample : I2283-19
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sampled :
 CB316

Quant Time: Mar 20 03:24:59 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
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(25) Benzo(k)fluoranthene

23.876min (+0.000) 5.90ng/ul m

response 237815

Ion Exp% Act%

252.00 100 100

253.00 21.80 21.95

125.00 11.00 13.94#

0.00 0.00 0.00

55
 03/20/2017

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031717\
 Data File : BG026316.D
 Acq On : 18 Mar 2017 13:38
 Operator : SJ/MA
 Sample : I2283-19
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

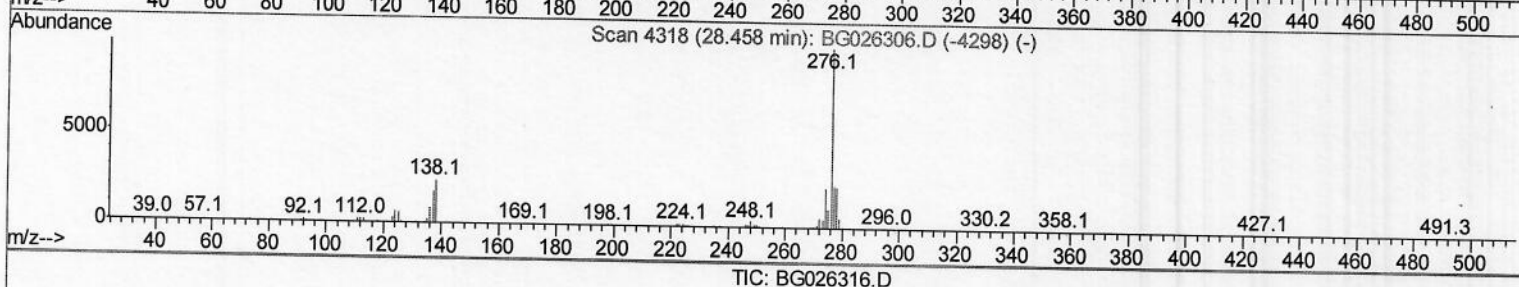
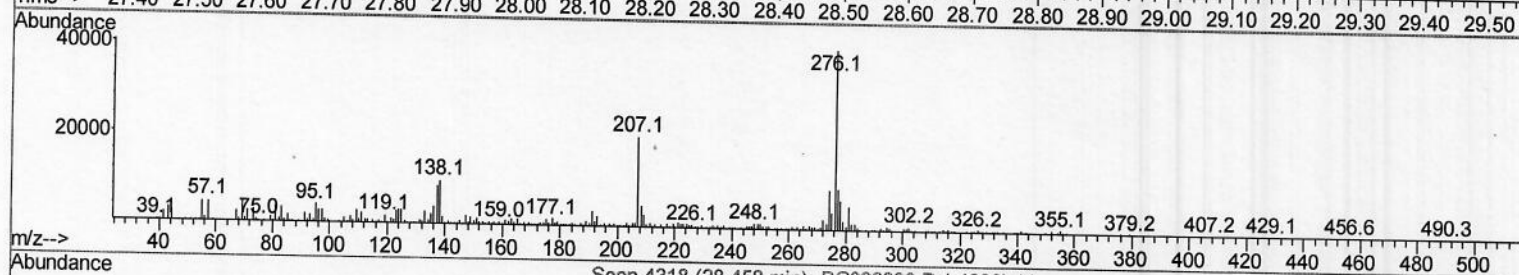
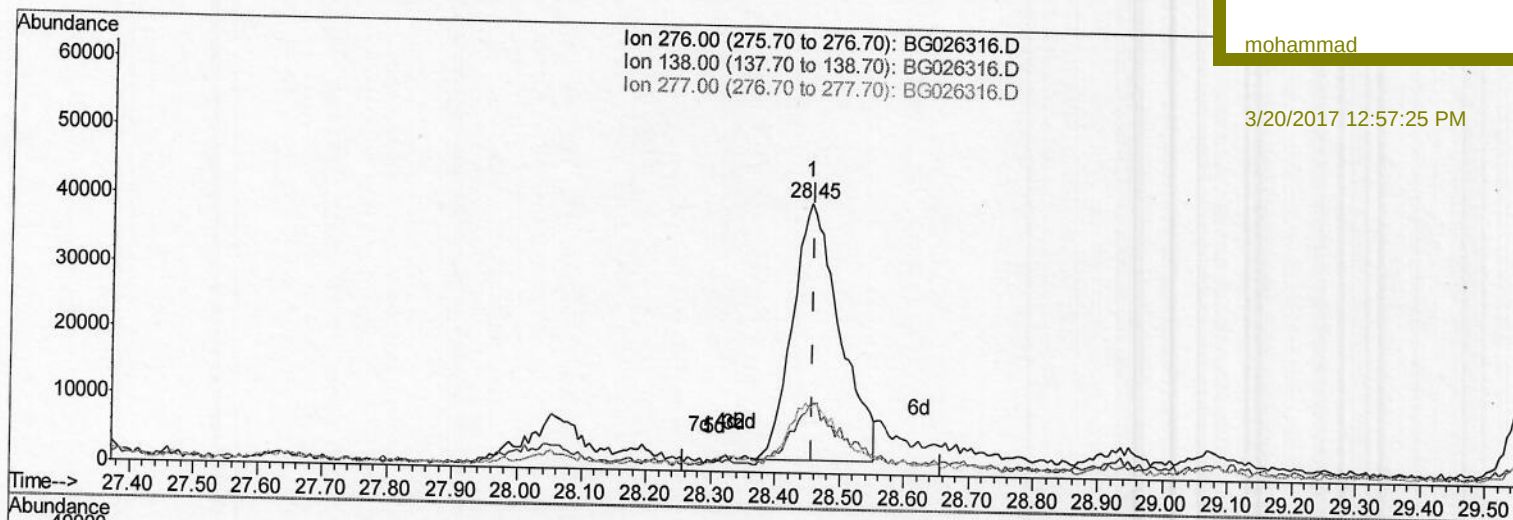
Quant Time: Mar 20 03:24:59 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030317-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 20 03:22:51 2017
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 CB316

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

28.453min (-0.006) 4.49ng/ul

response 194246

Ion	Exp%	Act%
276.00	100	100
138.00	22.20	24.39
277.00	24.20	23.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031717\
 Data File : BG026316.D
 Acq On : 18 Mar 2017 13:38
 Operator : SJ/MA
 Sample : I2283-19
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

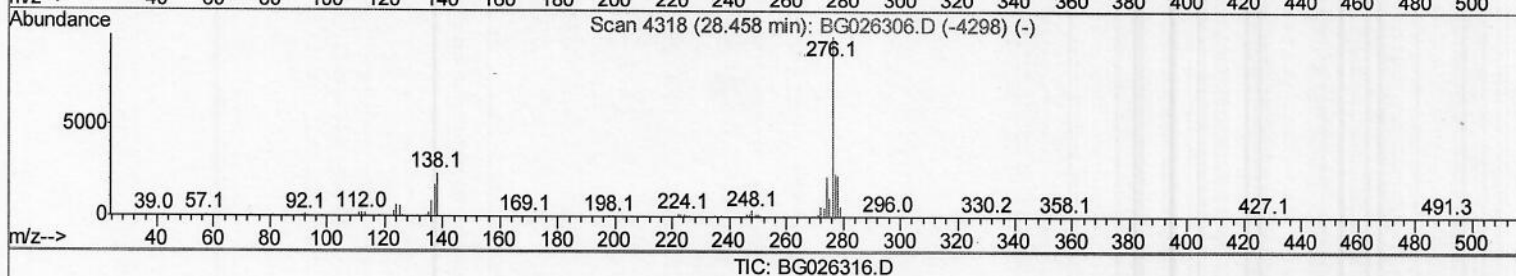
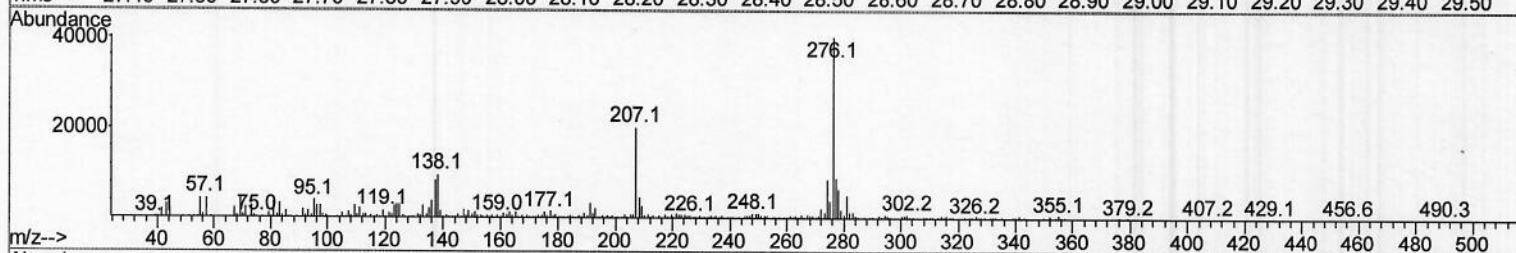
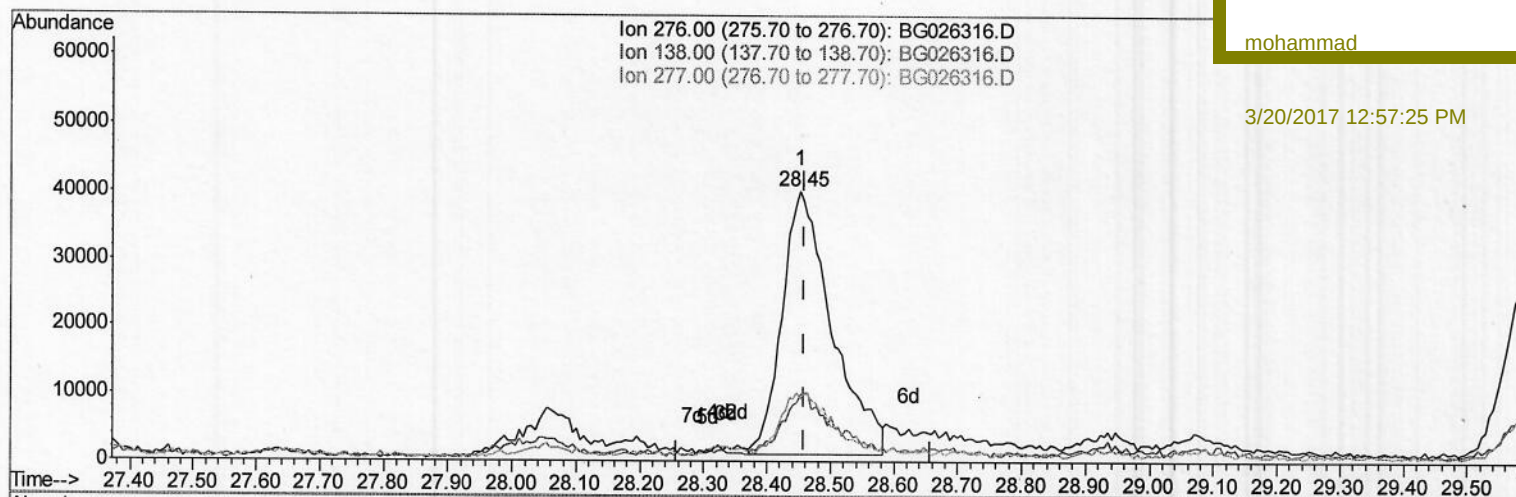
Quant Time: Mar 20 03:24:59 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030317-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 20 03:22:51 2017
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 CB316

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

28.453min (-0.006) 4.92ng/ul m

response 212730

Ion	Exp%	Act%
276.00	100	100
138.00	22.20	24.39
277.00	24.20	23.00
0.00	0.00	0.00

SJ
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Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031717\
 Data File : BG026316.D
 Acq On : 18 Mar 2017 13:38
 Operator : SJ/MA
 Sample : I2283-19
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

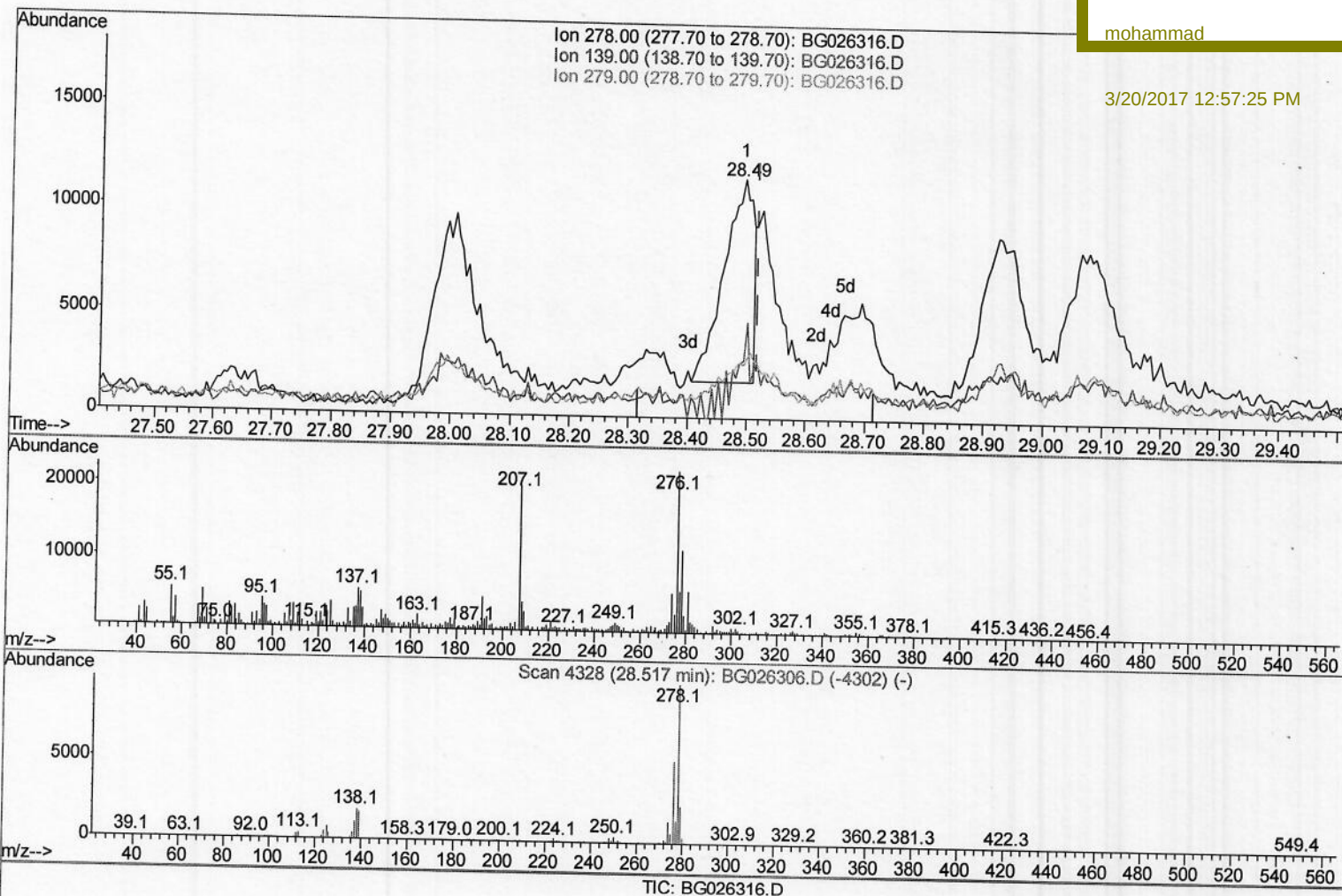
Instrument :
 BNA_G
 ClientSampleId :
 CB316

Manual Integrations
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Quant Time: Mar 20 03:24:59 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

28.494min (-0.023) 1.01ng/ul

response 34510

Ion	Exp%	Act%
278.00	100	100
139.00	17.50	24.58#
279.00	25.80	22.65
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031717\
 Data File : BG026316.D
 Acq On : 18 Mar 2017 13:38
 Operator : SJ/MA
 Sample : I2283-19
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

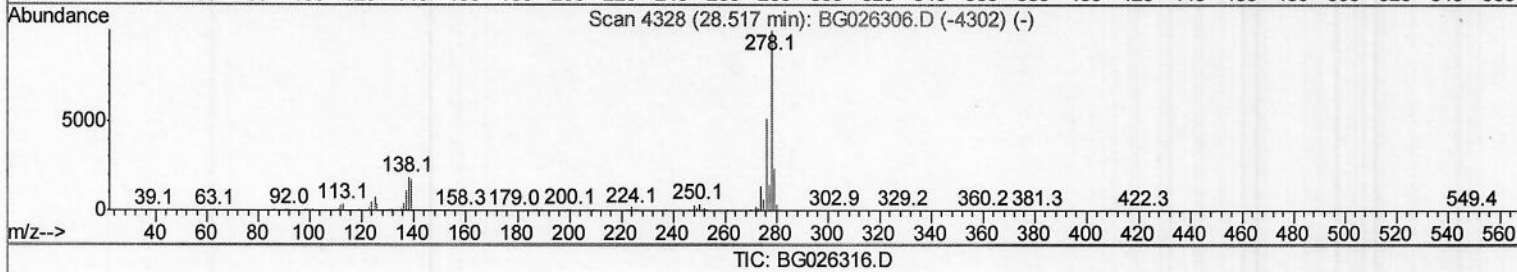
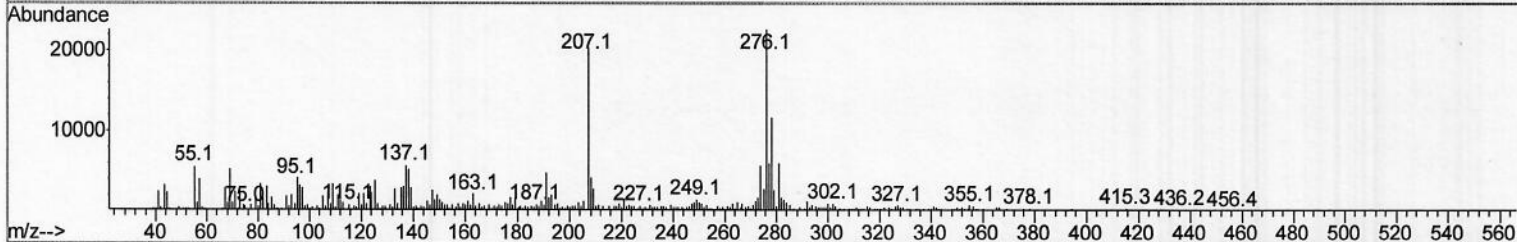
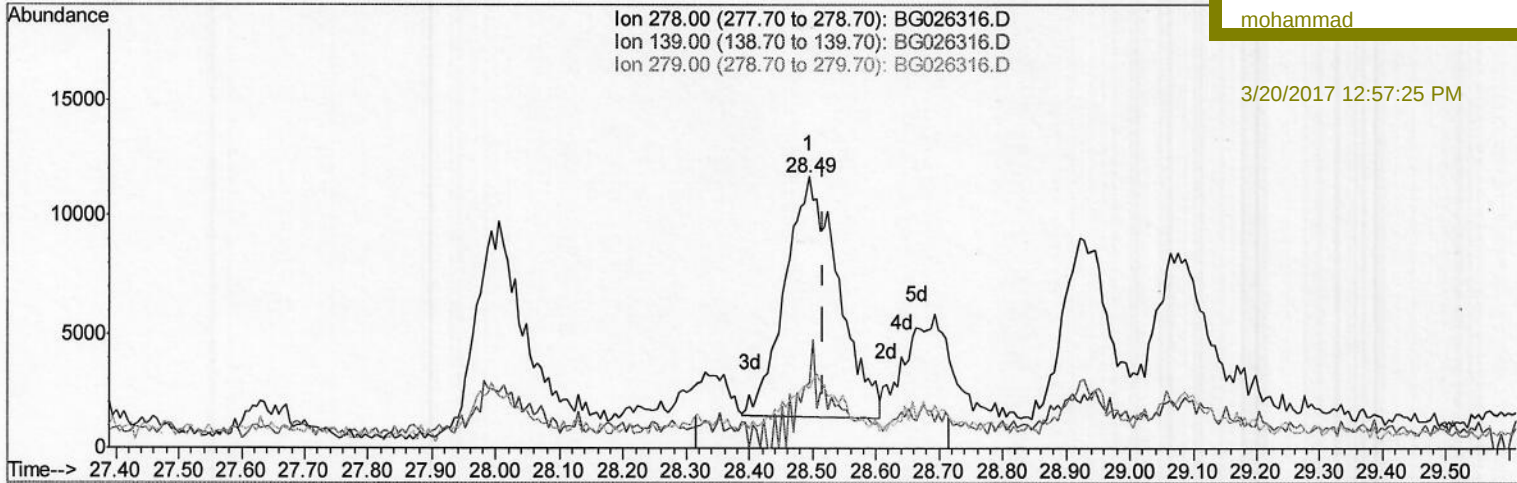
Instrument :
 BNA_G
 ClientSampleId :
 CB316

Quant Time: Mar 20 03:24:59 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
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(29) Dibenzo(a,h)anthracene

28.494min (-0.023) 1.75ng/ul m

response 60097

Ion	Exp%	Act%
278.00	100	100
139.00	17.50	24.58#
279.00	25.80	22.65
0.00	0.00	0.00

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Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031717\
 Data File : BG026316.D
 Acq On : 18 Mar 2017 13:38
 Operator : SJ/MA
 Sample : I2283-19
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

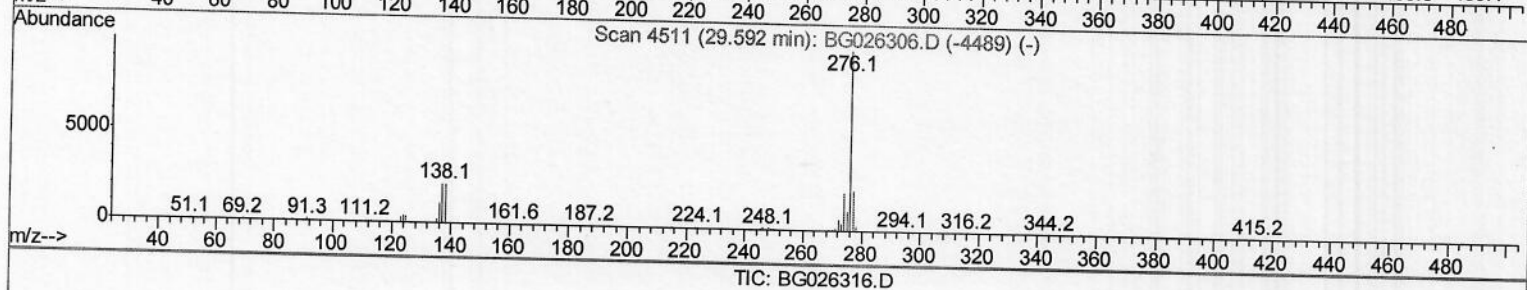
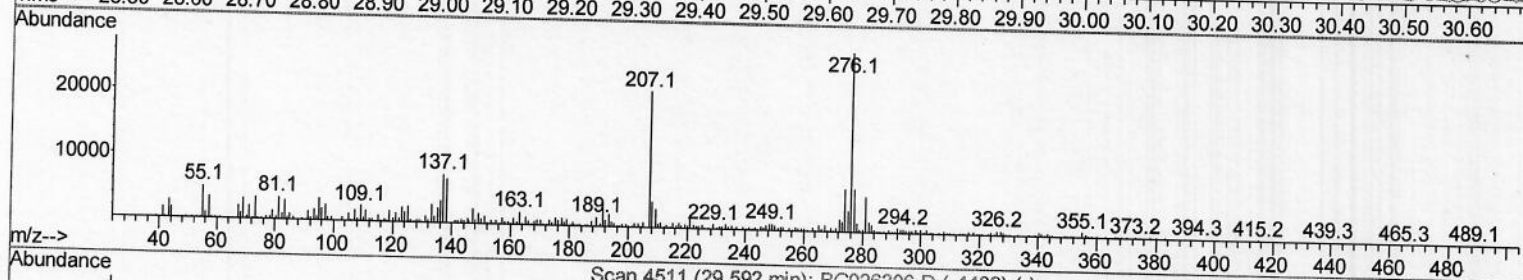
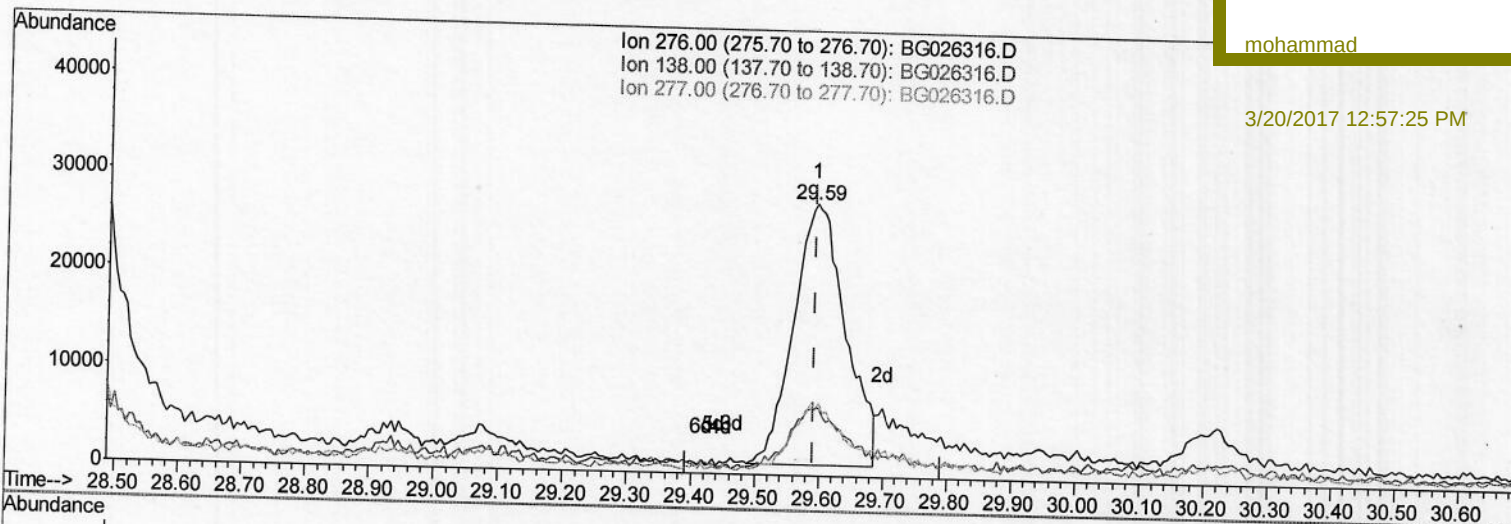
Quant Time: Mar 20 03:24:59 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030317-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 20 03:22:51 2017
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 CB316

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

29.592min (+0.000) 4.04ng/ul

response 149491

Ion	Exp%	Act%
276.00	100	100
138.00	23.70	24.88
277.00	24.60	24.12
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031717\
Data File : BG026316.D
Acq On : 18 Mar 2017 13:38
Operator : SJ/MA
Sample : I2283-19
Misc :
ALS Vial : 39 Sample Multiplier: 1

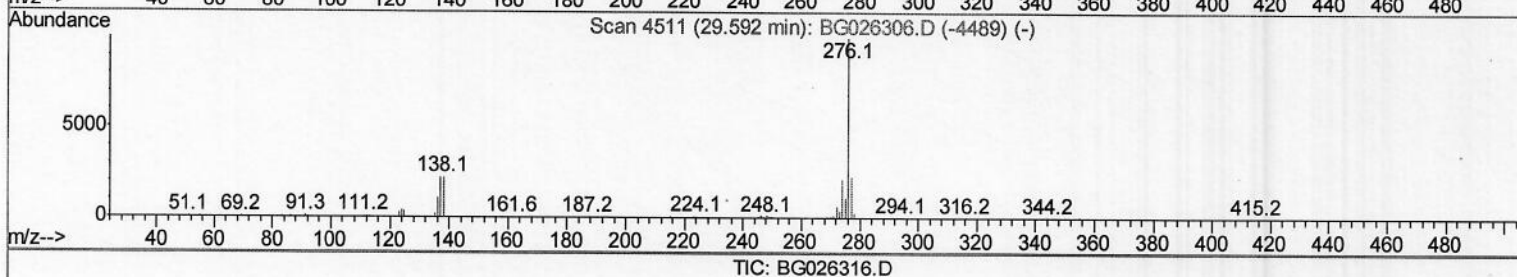
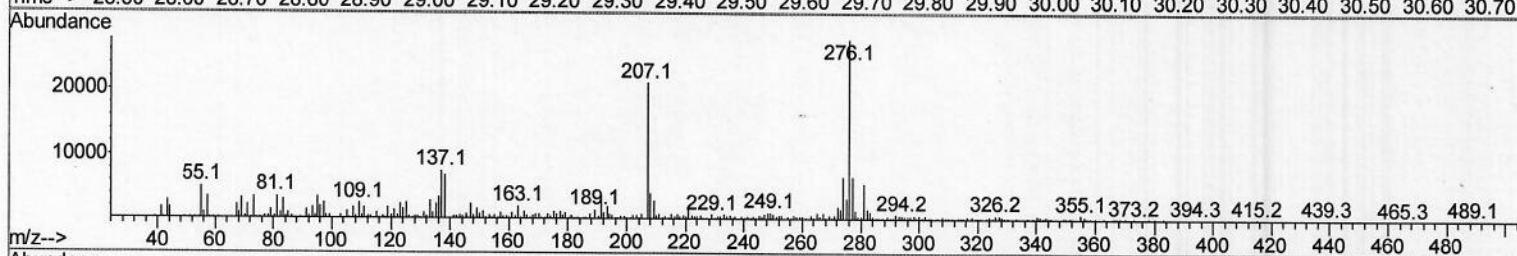
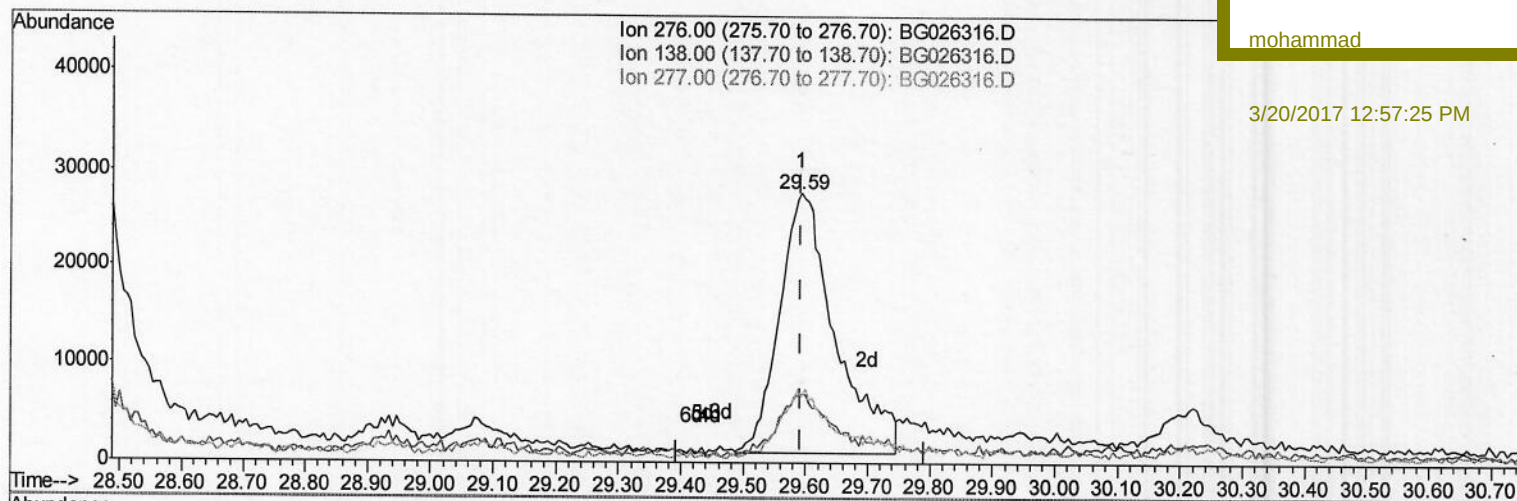
Quant Time: Mar 20 03:24:59 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030317-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 20 03:22:51 2017
Response via : Initial Calibration

Instrument :
BNA_G
Client Sample ID :
CB316

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

29.592min (+0.000) 4.51ng/ul m

response 166868

Ion	Exp%	Act%
276.00	100	100
138.00	23.70	24.88
277.00	24.60	24.12
0.00	0.00	0.00

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Data Path : Z:\HPCHEM1\BNA G\DATA\BG031717\
 Data File : BG026316.D
 Acq On : 18 Mar 2017 13:38
 Operator : SJ/MA
 Sample : I2283-19
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :

BNA_G

Client Sample ID :

CB316

Quant Time: Mar 20 04:00:37 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
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	157019	20.00	ng/ul	0.00
2) Naphthalene-d8	10.85	136	718841	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	390984	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	776917	20.00	ng/ul	0.00
18) Chrysene-d12	21.64	240	775776	20.00	ng/ul	0.00
23) Perylene-d12	24.83	264	742886	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.47	165	77656	7.29	ng/uL	0.00
7) Acenaphthylene-d8	14.35	160	809010	24.27	ng/ul	0.00
10) Fluorene-d10	15.64	176	562193	23.12	ng/ul	0.00
15) Anthracene-d10	17.49	188	777202	22.51	ng/ul	0.00
19) Pyrene-d10	19.76	212	802723	20.28	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.61	264	733693	22.90	ng/ul	0.00
Target Compounds						
4) Naphthalene	10.90	128	45295	1.29	ng/ul	97
9) Acenaphthene	14.72	153	25399	1.06	ng/ul	94
11) Fluorene	15.70	166	32295	1.19	ng/ul	88
14) Phenanthrene	17.43	178	593147	14.41	ng/ul	99
16) Anthracene	17.52	178	120196	2.89	ng/ul	97
17) Fluoranthene	19.43	202	1022418	23.92	ng/ul	99
20) Pyrene	19.79	202	837293	16.95	ng/ul	98
21) Benzo(a)anthracene	21.62	228	493398	11.43	ng/ul	98
22) Chrysene	21.68	228	471929	11.71	ng/ul	100
24) Benzo(b)fluoranthene	23.82	252	613807	14.55	ng/ul	96
25) Benzo(k)fluoranthene	23.88	252	237815m	5.90	ng/ul	
27) Benzo(a)pyrene	24.67	252	392025	10.00	ng/ul	97
28) Indeno(1,2,3-cd)pyrene	28.45	276	212730m	4.92	ng/ul	
29) Dibenzo(a,h)anthracene	28.49	278	60097m	1.75	ng/ul	
30) Benzo(a,h,i)perylene	29.59	276	166868m	4.51	ng/ul	

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