

Data Path : Z:\HPCHEM1\BNA_G\Data\BG031517\
Data File : BG026272.D
Acq On : 16 Mar 2017 16:35
Operator : SJ/MA
Sample : I2237-06MSD
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Mar 16 17:54:22 2017

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.3-EPA-BG021617MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Mar 16 14:39:29 2017

Response via : Initial Calibration

Instrument :

BNA_G

Client Sampled :

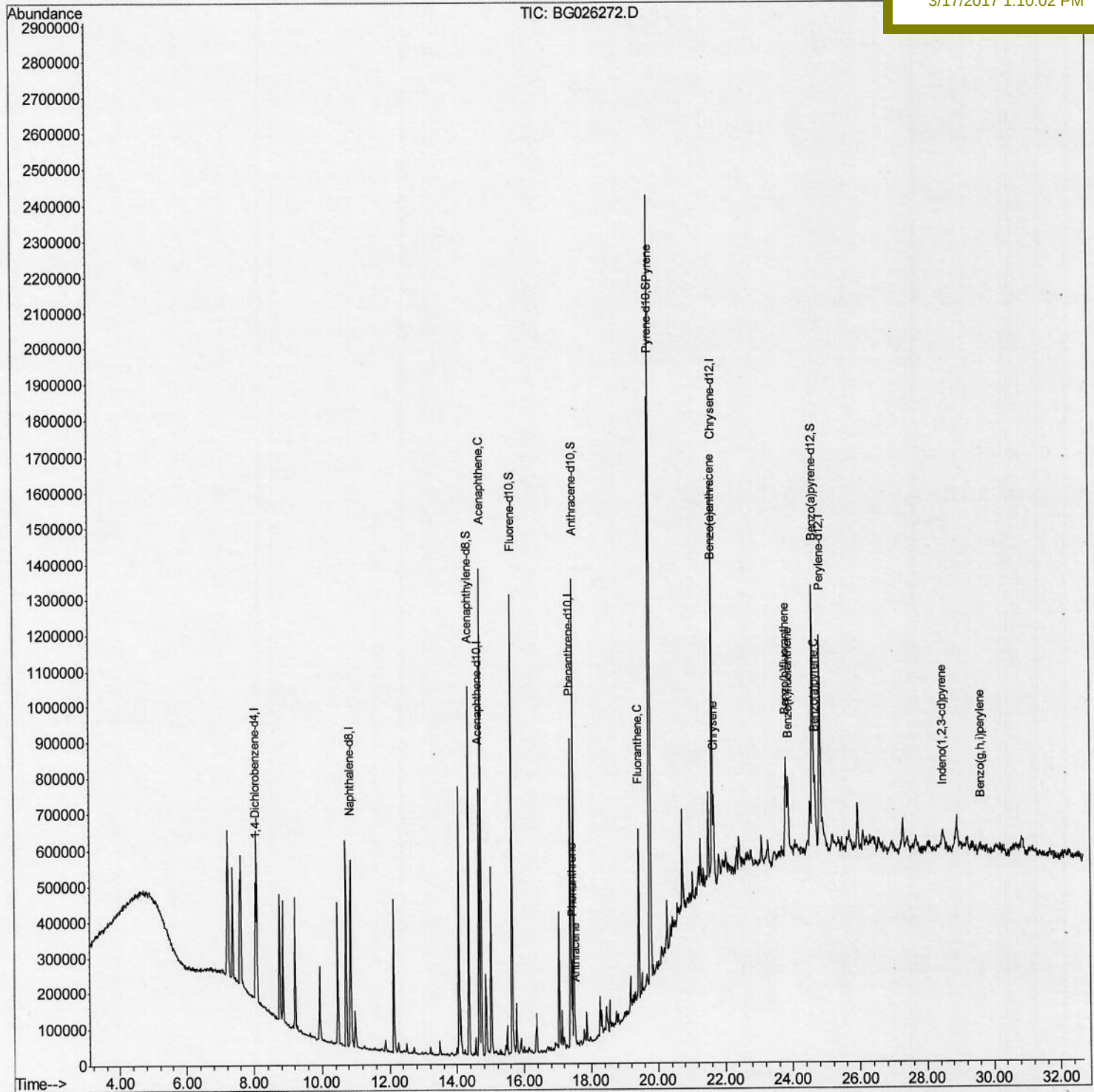
DABH3MSD

Manual Integrations

APPROVED

mohammad

3/17/2017 1:10:02 PM



Quantitation Report (Qedit)

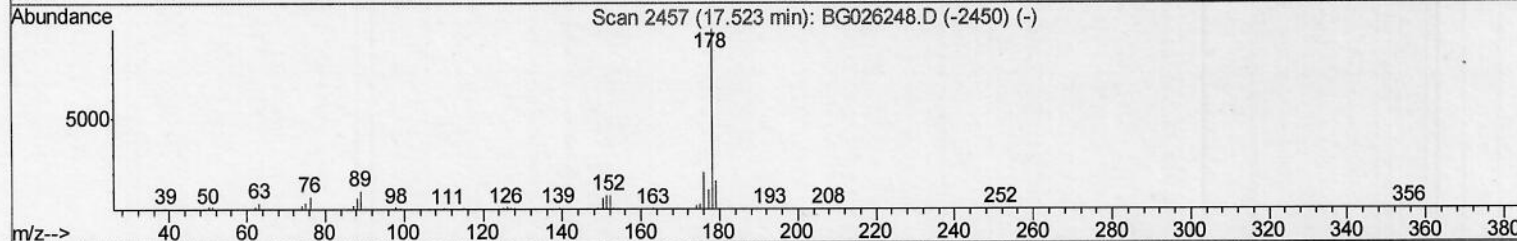
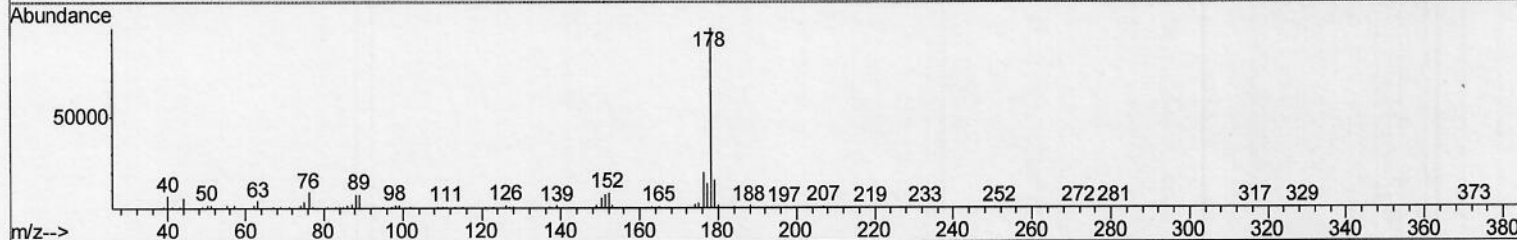
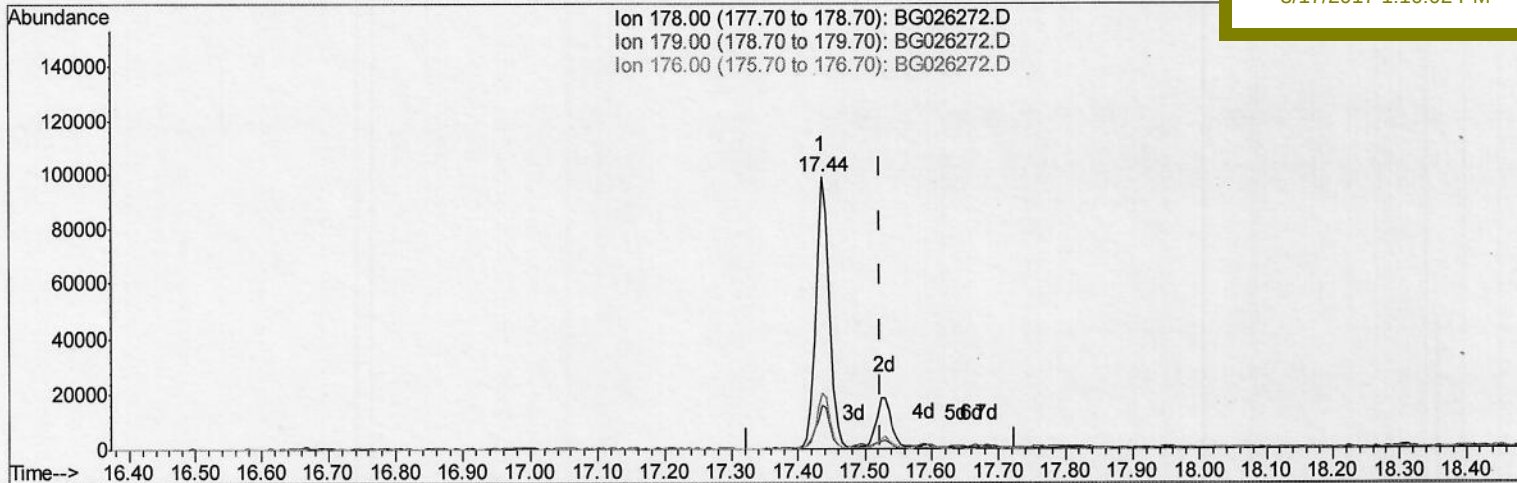
Data Path : Z:\HPCHEM1\BNA_G\Data\BG031517\
 Data File : BG026272.D
 Acq On : 16 Mar 2017 16:35
 Operator : SJ/MA
 Sample : I2237-06MSD
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
ClientSampleId :
 DABH3MSD

Manual Integrations
APPROVED

mohammad
 3/17/2017 1:10:02 PM

Quant Time: Mar 16 17:51:21 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.3-EPA-BG021617MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 16 14:39:29 2017
 Response via : Initial Calibration



TIC: BG026272.D

(15) Anthracene
 17.436min (-0.088) 5.02ng/ul
 response 140304

Ion	Exp%	Act%
178.00	100	100
179.00	14.80	15.72
176.00	19.00	20.24
0.00	0.00	0.00

Quantitation Report (Qedit)

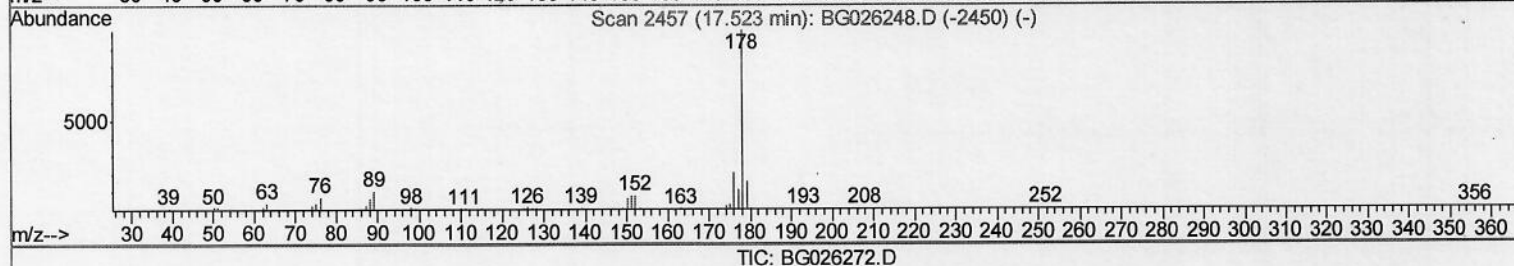
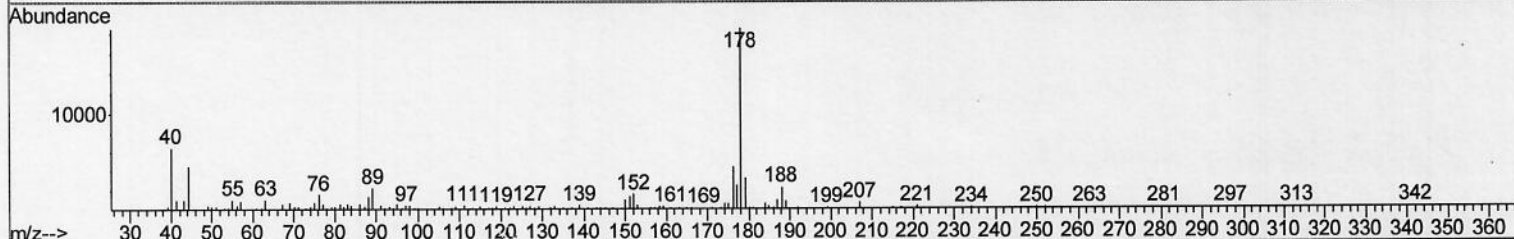
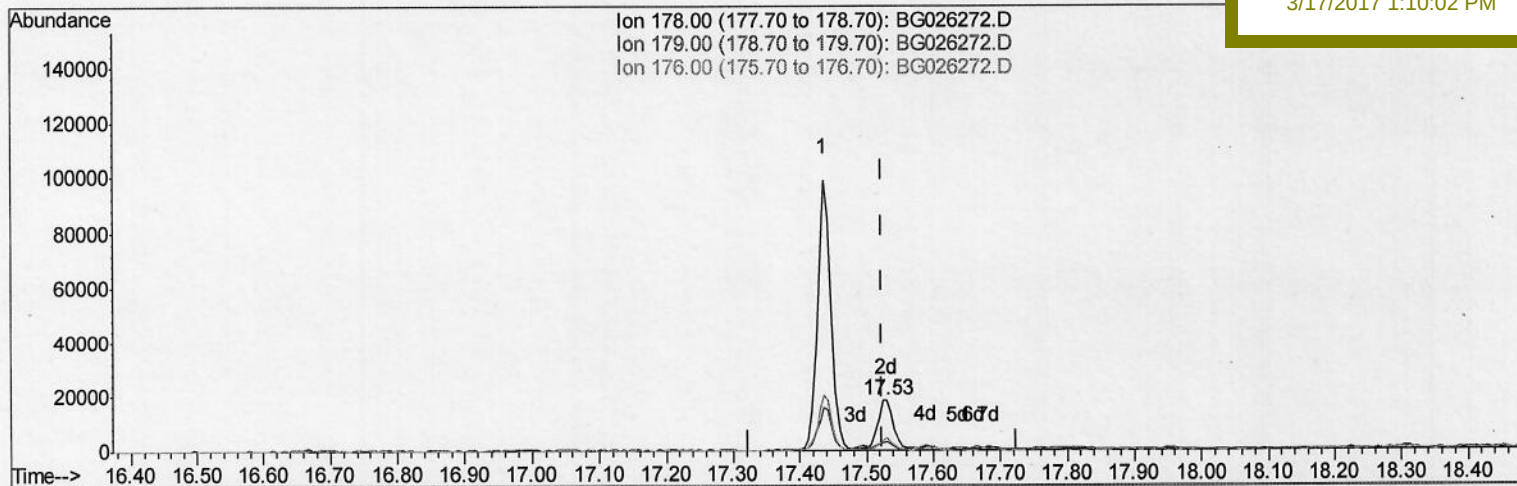
Data Path : Z:\HPCHEM1\BNA_G\Data\BG031517\
 Data File : BG026272.D
 Acq On : 16 Mar 2017 16:35
 Operator : SJ/MA
 Sample : I2237-06MSD
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DABH3MSD

Quant Time: Mar 16 17:51:21 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.3-EPA-BG021617MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 16 14:39:29 2017
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 3/17/2017 1:10:02 PM



TIC: BG026272.D

(15) Anthracene

17.530min (+0.006) 1.07ng/ul m>

response 29772

SJ
 03/18/2017

Ion	Exp%	Act%
178.00	100	100
179.00	14.80	17.72
176.00	19.00	24.16#
0.00	0.00	0.00

Quantitation Report (Qedit)

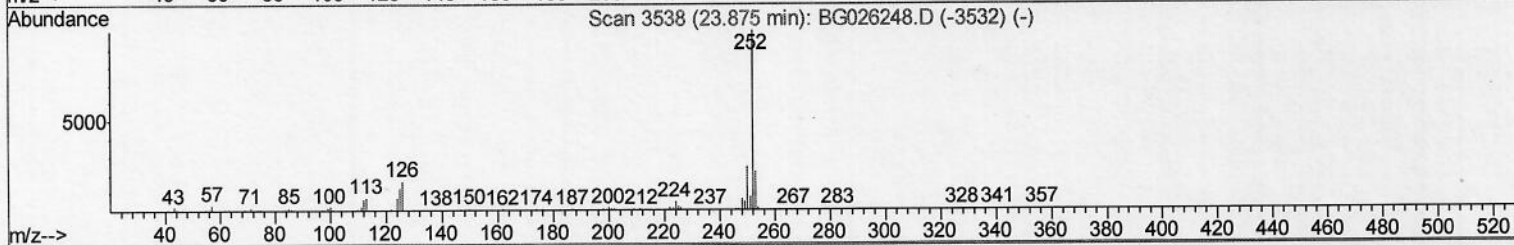
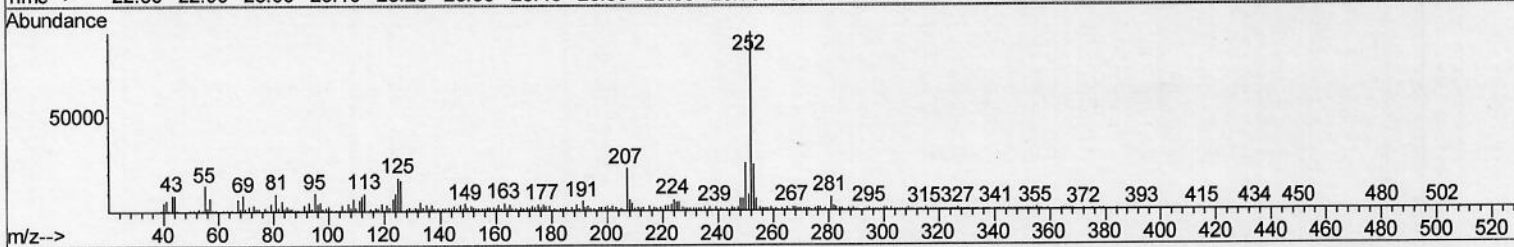
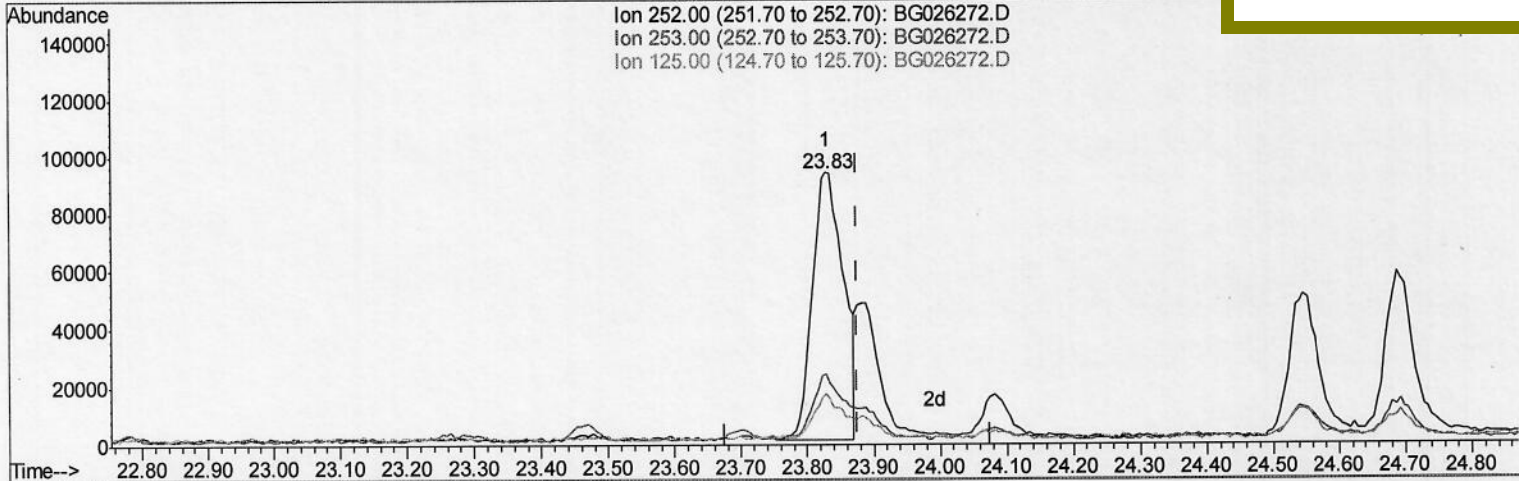
Data Path : Z:\HPCHEM1\BNA_G\Data\BG031517\
 Data File : BG026272.D
 Acq On : 16 Mar 2017 16:35
 Operator : SJ/MA
 Sample : I2237-06MSD
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
Client Sampled :
 DABH3MSD

Quant Time: Mar 16 17:51:21 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.3-EPA-BG021617MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 16 14:39:29 2017
 Response via : Initial Calibration

Manual Integrations
APPROVED

mohammad
 3/17/2017 1:10:02 PM



TIC: BG026272.D

(24) Benzo(k)fluoranthene

23.829min (-0.046) 10.96ng/ul

response 301310

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	26.09
125.00	10.10	18.71#
0.00	0.00	0.00

Quantitation Report (Qedit)

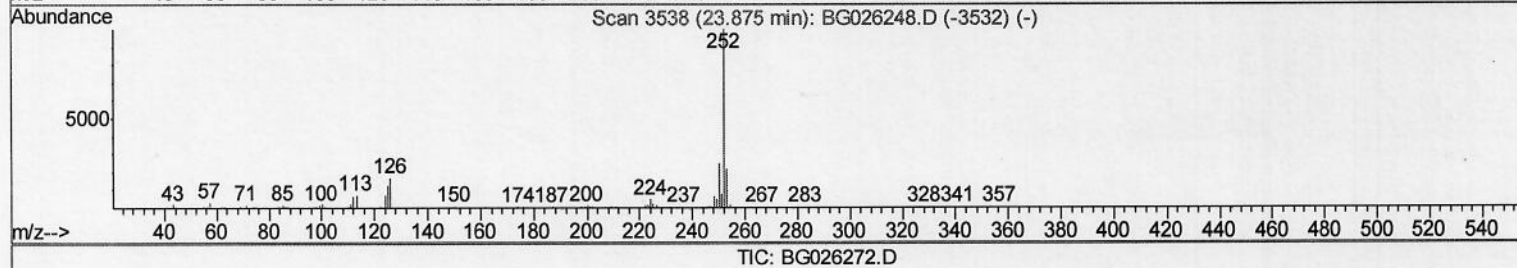
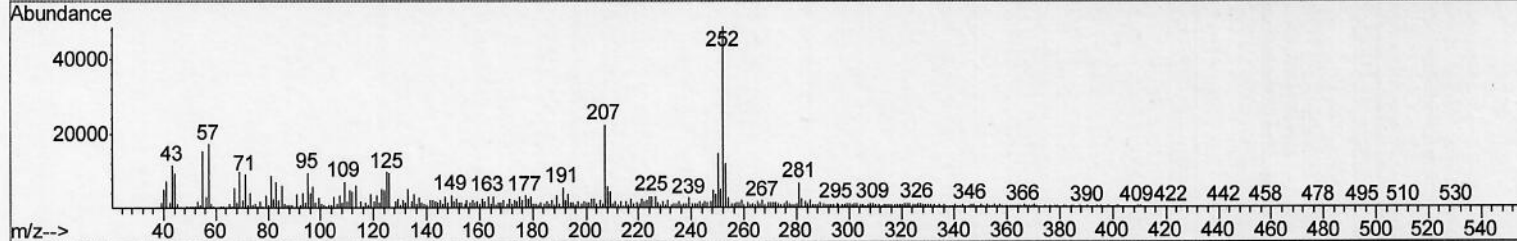
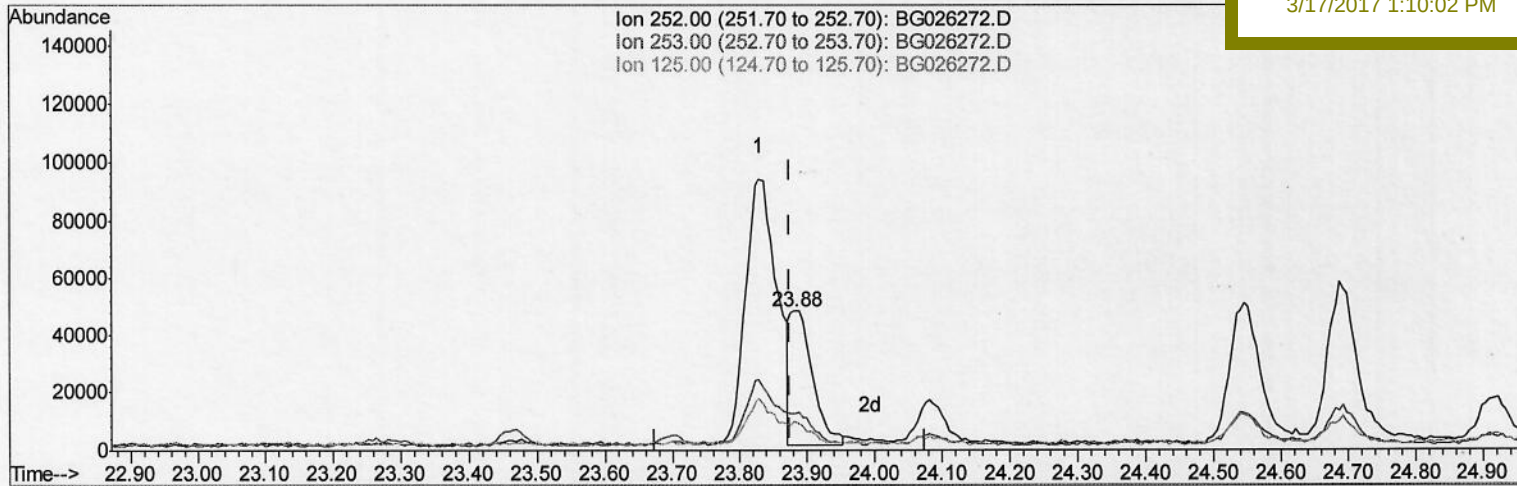
Data Path : Z:\HPCHEM1\BNA_G\Data\BG031517\
 Data File : BG026272.D
 Acq On : 16 Mar 2017 16:35
 Operator : SJ/MA
 Sample : I2237-06MSD
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Quant Time: Mar 16 17:51:21 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.3-EPA-BG021617MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 16 14:39:29 2017
 Response via : Initial Calibration

Instrument :
 BNA_G
ClientSampleId :
 DABH3MSD

Manual Integrations
APPROVED

mohammad
 3/17/2017 1:10:02 PM



(24) Benzo(k)fluoranthene

23.882min (+0.006) 3.98ng/ul m

response 109467

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	25.17
125.00	10.10	19.98#
0.00	0.00	0.00

SJ
 03/18/2017

Quantitation Report (Qedit)

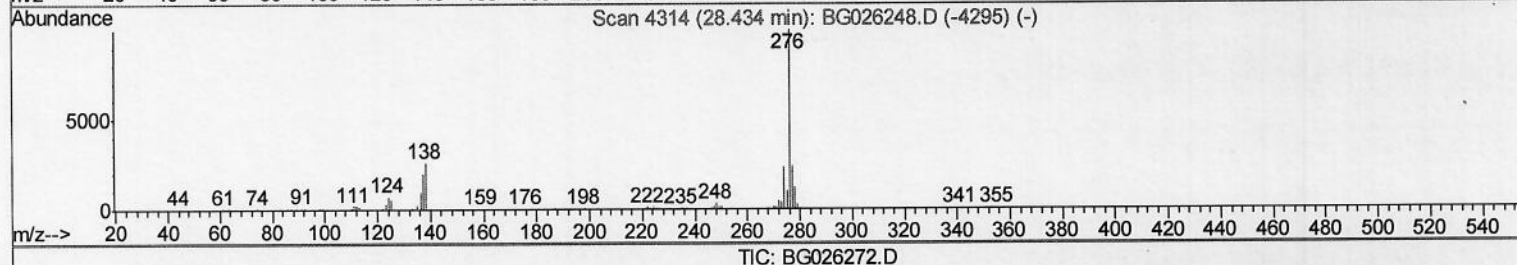
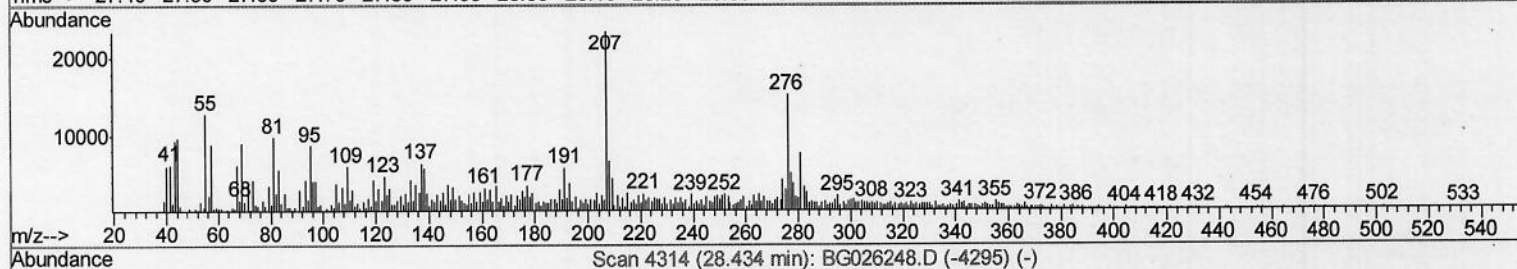
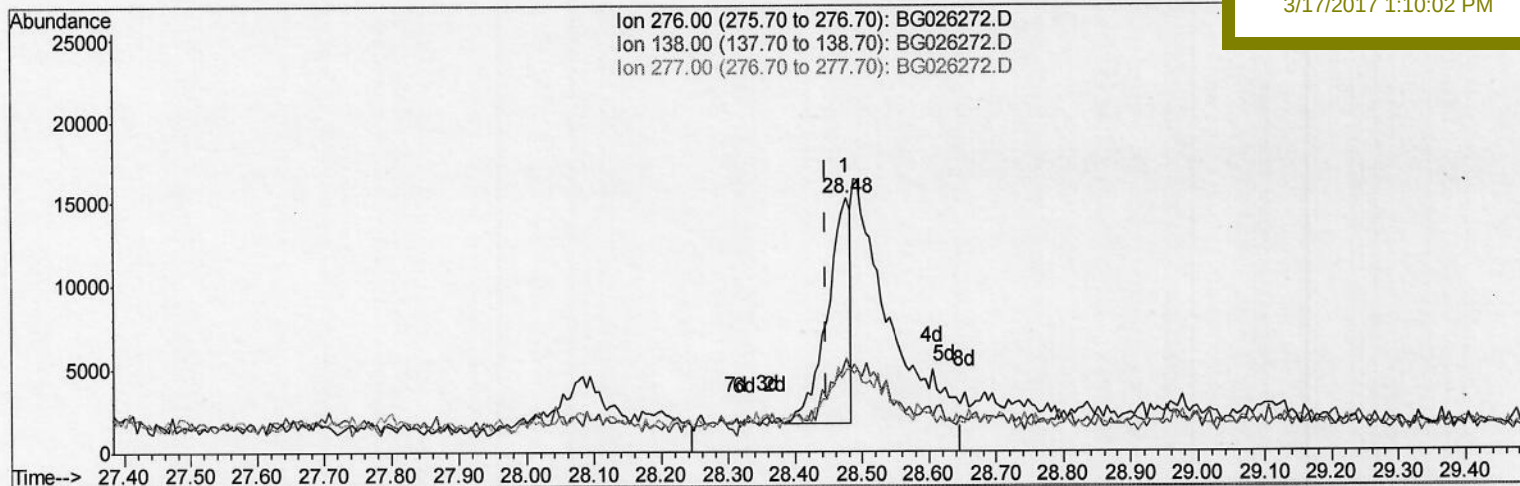
Data Path : Z:\HPCHEM1\BNA_G\Data\BG031517\
Data File : BG026272.D
Acq On : 16 Mar 2017 16:35
Operator : SJ/MA
Sample : I2237-06MSD
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Mar 16 17:51:21 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.3-EPA-BG021617MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 16 14:39:29 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DABH3MSD

Manual Integrations
APPROVED

mohammad
3/17/2017 1:10:02 PM



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

28.476min (+0.030) 1.00ng/ul

response 32255

Ion	Exp%	Act%
276.00	100	100
138.00	18.00	36.68#
277.00	22.50	32.12#
0.00	0.00	0.00

Quantitation Report (Qedit)

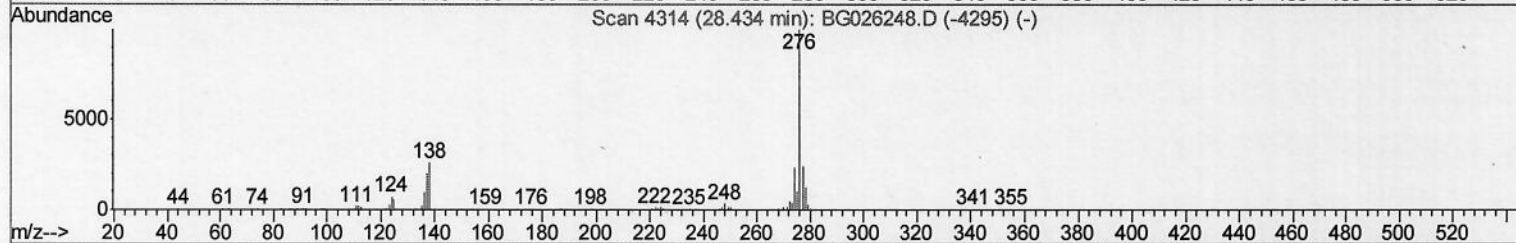
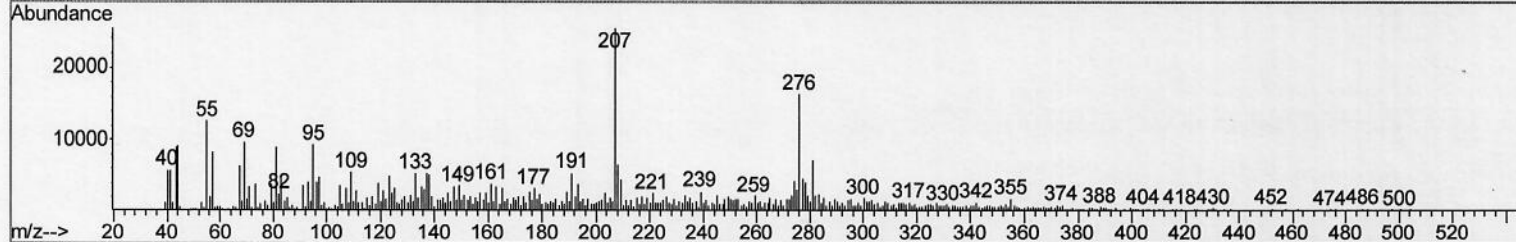
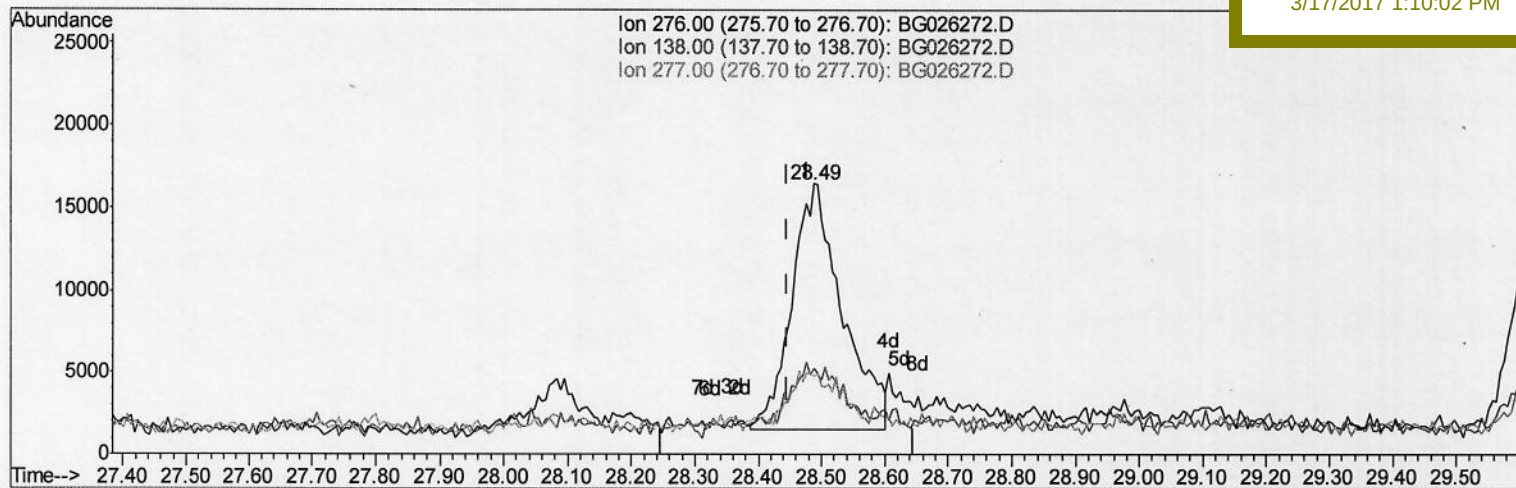
Data Path : Z:\HPCHEM1\BNA_G\Data\BG031517\
Data File : BG026272.D
Acq On : 16 Mar 2017 16:35
Operator : SJ/MA
Sample : I2237-06MSD
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Mar 16 17:51:21 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.3-EPA-BG021617MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 16 14:39:29 2017
Response via : Initial Calibration

Instrument :
BNA_G
Client Sampled :
DABH3MSD

Manual Integrations
APPROVED

mohammad
3/17/2017 1:10:02 PM



TIC: BG026272.D

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

28.488min (+0.042) 2.57ng/ul m

response 83019

Ion	Exp%	Act%
-----	------	------

276.00	100	100
--------	-----	-----

138.00	18.00	31.84#
--------	-------	--------

277.00	22.50	28.84#
--------	-------	--------

0.00	0.00	0.00
------	------	------

55

03/18/2017

Quantitation Report (Qedit)

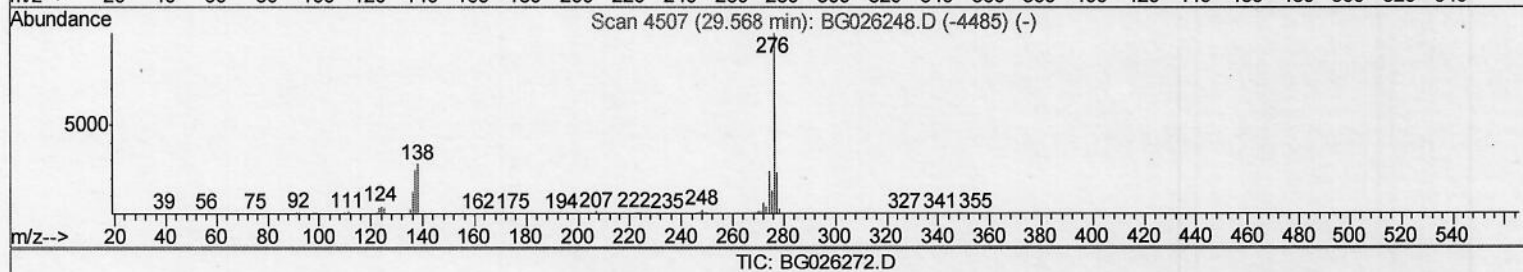
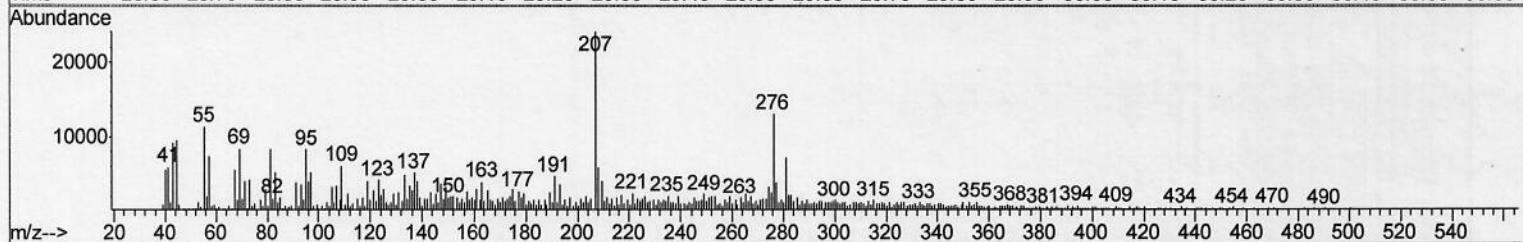
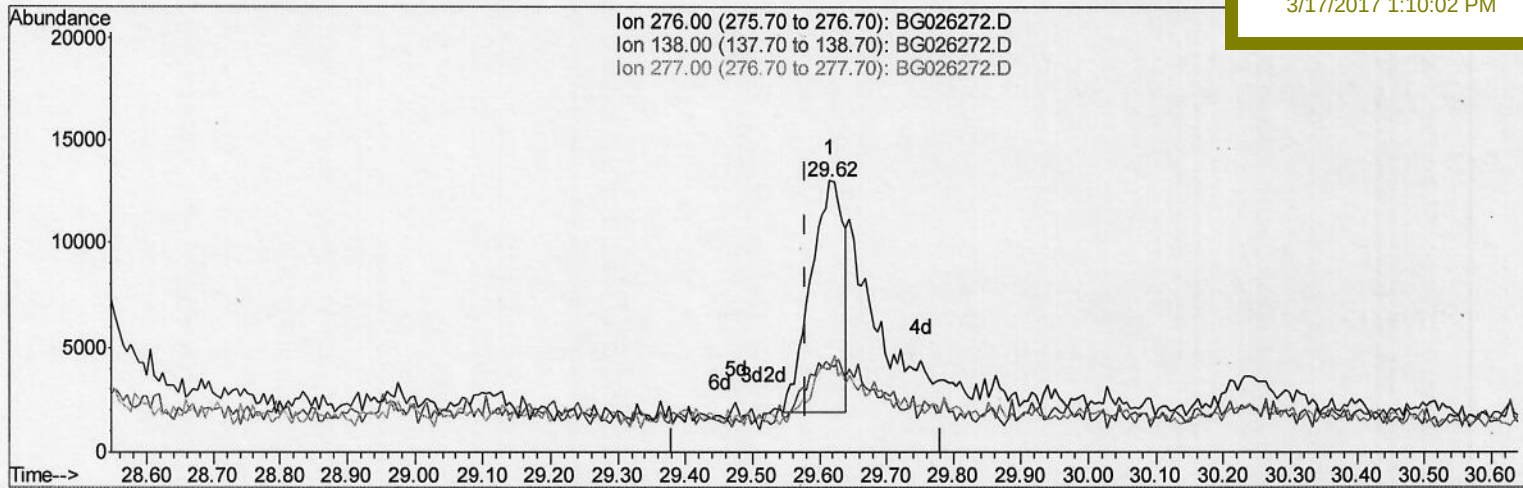
Data Path : Z:\HPCHEM1\BNA_G\Data\BG031517\
Data File : BG026272.D
Acq On : 16 Mar 2017 16:35
Operator : SJ/MA
Sample : I2237-06MSD
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Mar 16 17:51:21 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.3-EPA-BG021617MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 16 14:39:29 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleID :
DABH3MSD

Manual Integrations
APPROVED

mohammad
3/17/2017 1:10:02 PM



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

29.616min (+0.036) 1.43ng/ul

response 38069

Ion	Exp%	Act%
276.00	100	100
138.00	19.10	31.78#
277.00	23.70	30.29#
0.00	0.00	0.00

Quantitation Report (Qedit)

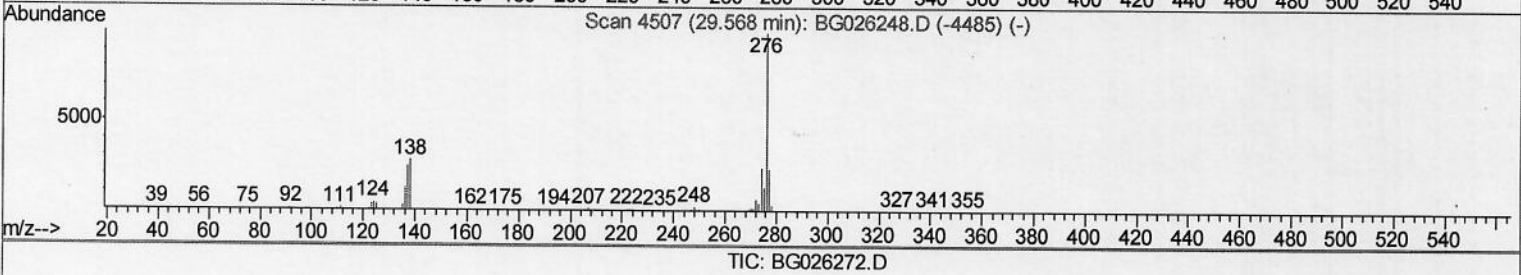
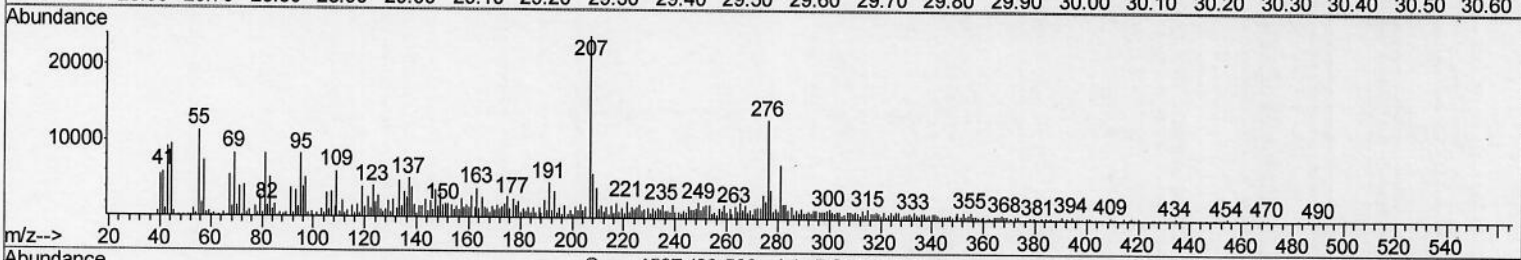
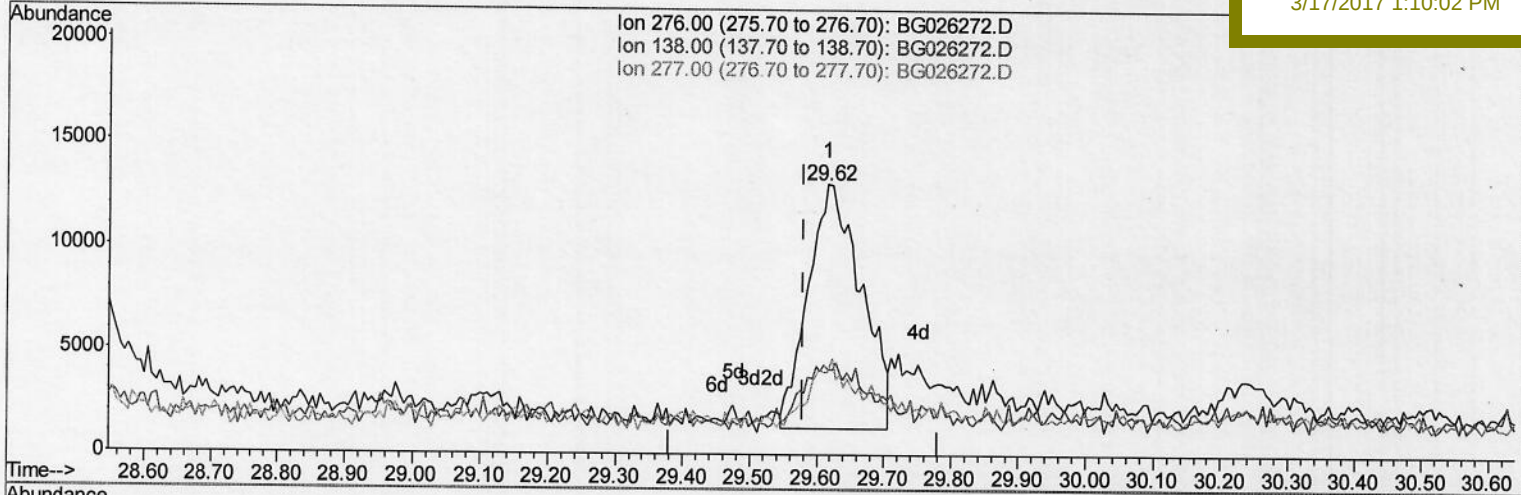
Data Path : Z:\HPCHEM1\BNA_G\Data\BG031517\
 Data File : BG026272.D
 Acq On : 16 Mar 2017 16:35
 Operator : SJ/MA
 Sample : I2237-06MSD
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
Client Sampled :
 DABH3MSD

Quant Time: Mar 16 17:51:21 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.3-EPA-BG021617MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 16 14:39:29 2017
 Response via : Initial Calibration

Manual Integrations
APPROVED

mohammad
 3/17/2017 1:10:02 PM



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

29.616min (+0.036) 2.44ng/ul m

response 64960

Ion	Exp%	Act%
276.00	100	100
138.00	19.10	31.78#
277.00	23.70	30.29#
0.00	0.00	0.00

SJ
 03/18/2017

Data Path : Z:\HPCHEM1\BNA_G\Data\BG031517\
 Data File : BG026272.D
 Acq On : 16 Mar 2017 16:35
 Operator : SJ/MA
 Sample : I2237-06MSD
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sampled :
 DABH3MSD

Quant Time: Mar 16 17:54:22 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.3-EPA-BG021617MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 16 14:39:29 2017
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 3/17/2017 1:10:02 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	92923	20.00	ng/ul	0.00
2) Naphthalene-d8	10.86	136	454658	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	236978	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.40	188	515687	20.00	ng/ul	0.00
17) Chrysene-d12	21.64	240	561042	20.00	ng/ul	0.00
22) Perylene-d12	24.85	264	492657	20.00	ng/ul	0.03
System Monitoring Compounds						
7) Acenaphthylene-d8	14.36	160	733052	37.35	ng/ul	0.00
10) Fluorene-d10	15.65	176	515482	34.21	ng/ul	0.00
14) Anthracene-d10	17.50	188	741407	31.80	ng/ul	0.00
18) Pyrene-d10	19.77	212	820280	30.34	ng/ul	0.01
25) Benzo(a)pyrene-d12	24.63	264	759611	34.84	ng/ul	0.02
Target Compounds						
9) Acenaphthene	14.73	153	545112	37.95	ng/ul	95
13) Phenanthrene	17.44	178	140396	5.10	ng/ul	98
15) Anthracene	17.53	178	29772m	1.07	ng/ul	
16) Fluoranthene	19.44	202	280700	9.28	ng/ul	98
19) Pyrene	19.80	202	1314920	38.73	ng/ul#	91
20) Benzo(a)anthracene	21.63	228	172656	5.47	ng/ul	96
21) Chrysene	21.69	228	179991	5.97	ng/ul	95
23) Benzo(b)fluoranthene	23.83	252	301310	10.59	ng/ul#	88
24) Benzo(k)fluoranthene	23.88	252	109467m	3.98	ng/ul	
26) Benzo(a)pyrene	24.69	252	157148	5.70	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	28.49	276	83019m	2.57	ng/ul	
29) Benzo(g,h,i)perylene	29.62	276	64960m	2.44	ng/ul	

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

SS
 03/18/2017