

Instrument :
BNA_G
ClientSampleId :
CB2W6

mohammad
3/16/2017 10:48:08 AM

TIC: BG026213.D

Abundance

1500000

1400000

1300000

1200000

1100000

1000000

900000

800000

700000

600000

500000

400000

300000

200000

100000

0

Time-->

4.00 6.00 8.00 10.00 12.00 14.00 16.00 18.00 20.00 22.00 24.00 26.00 28.00 30.00 32.00

1,4-Dichlorobenzene-d4, l

Naphthalene-d8, l

Acenaphthylene-d8, S

Fluorene-d10, S

Anthracene

Anthracene-d10, l

Phenanthrene-d10, l

Fluoranthene-C

Pyrene-d10, S

Benzo(a)anthracene-d12, l

Chrysene

Benzo(a)fluoranthene

Benzo(b)fluoranthene

Benzo(a)pyrene-d12, S

Perylene-d12, l

Dibenzo(a,h)anthracene

Benzo(g,h,i)perylene

Quantitation Report (Qedit)

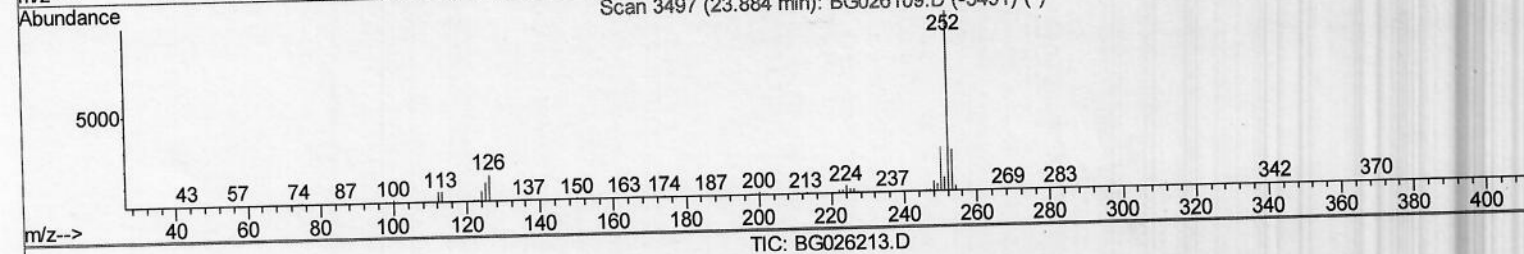
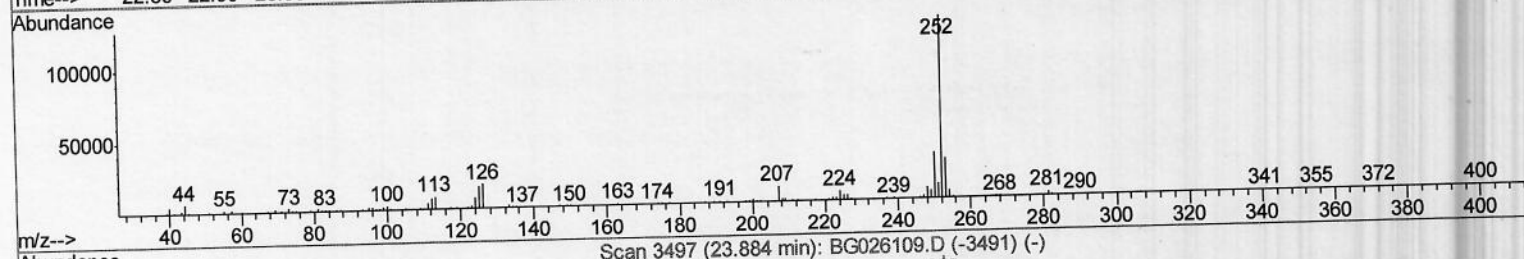
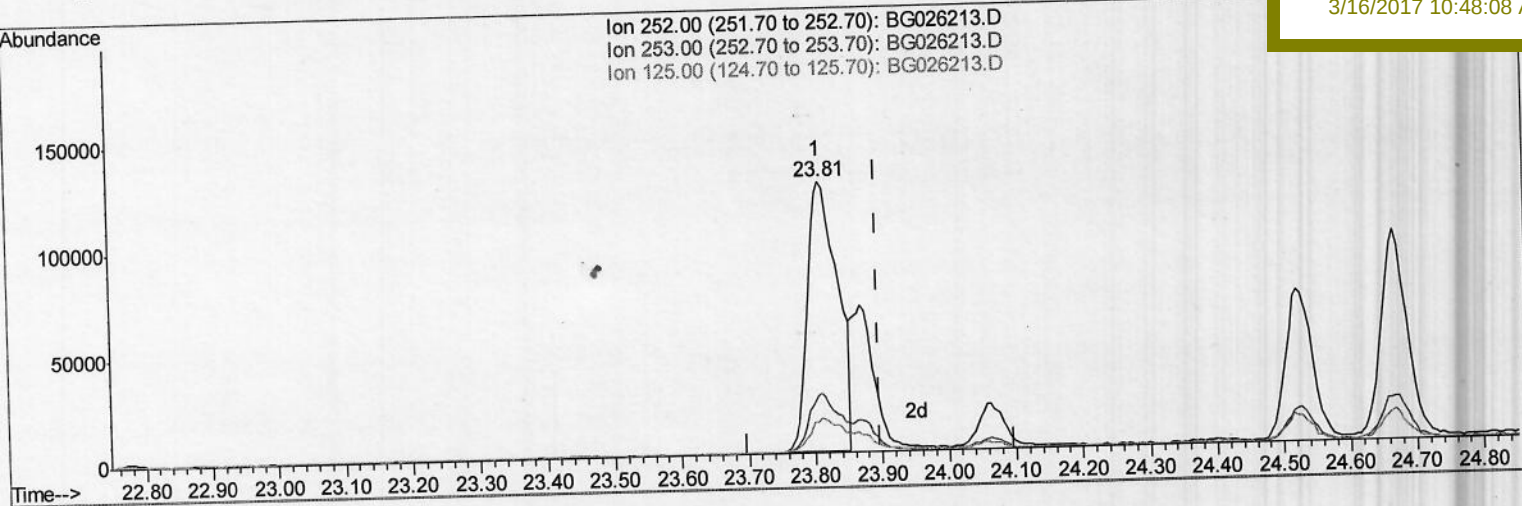
Data Path : Z:\HPCHEM1\BNA_G\Data\BG031317\
 Data File : BG026213.D
 Acq On : 13 Mar 2017 15:14
 Operator : SJ/MA
 Sample : I2217-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
Client Sampled :
 CB2W6

Manual Integrations
APPROVED

mohammad
 3/16/2017 10:48:08 AM

Quant Time: Mar 15 17:29:26 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030317-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 15 17:21:10 2017
 Response via : Initial Calibration



(25) Benzo(k)fluoranthene
 23.811min (-0.086) 12.99ng/ul
 response 404617

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	21.95
125.00	11.00	12.54
0.00	0.00	0.00

Quantitation Report (Qedit)

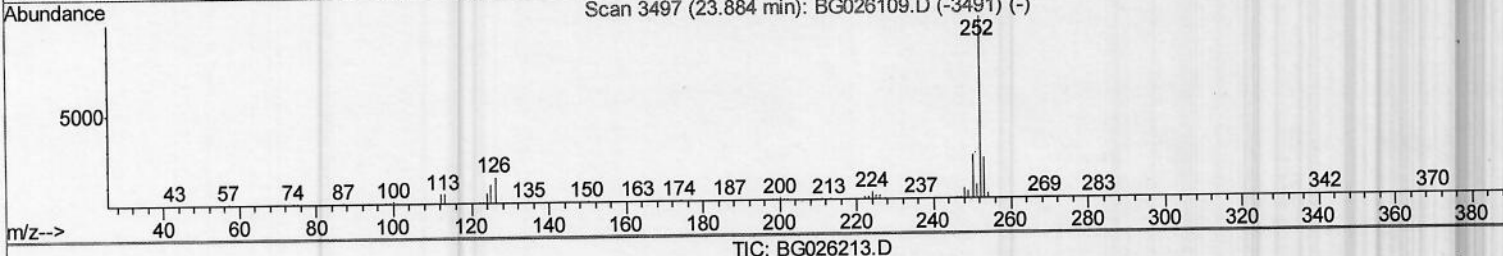
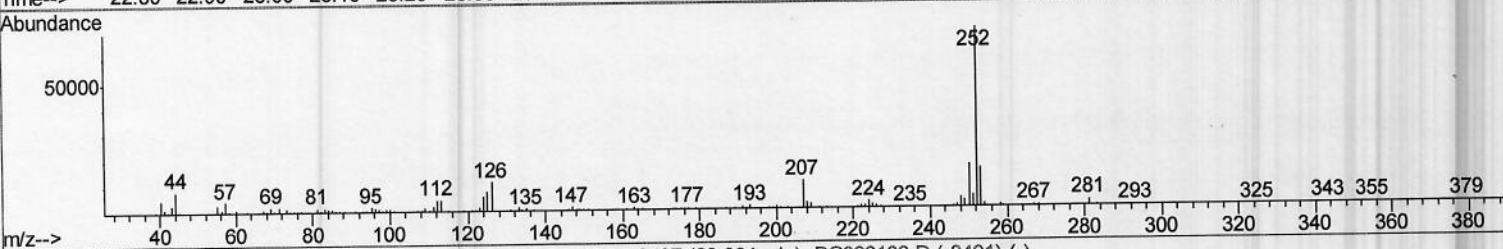
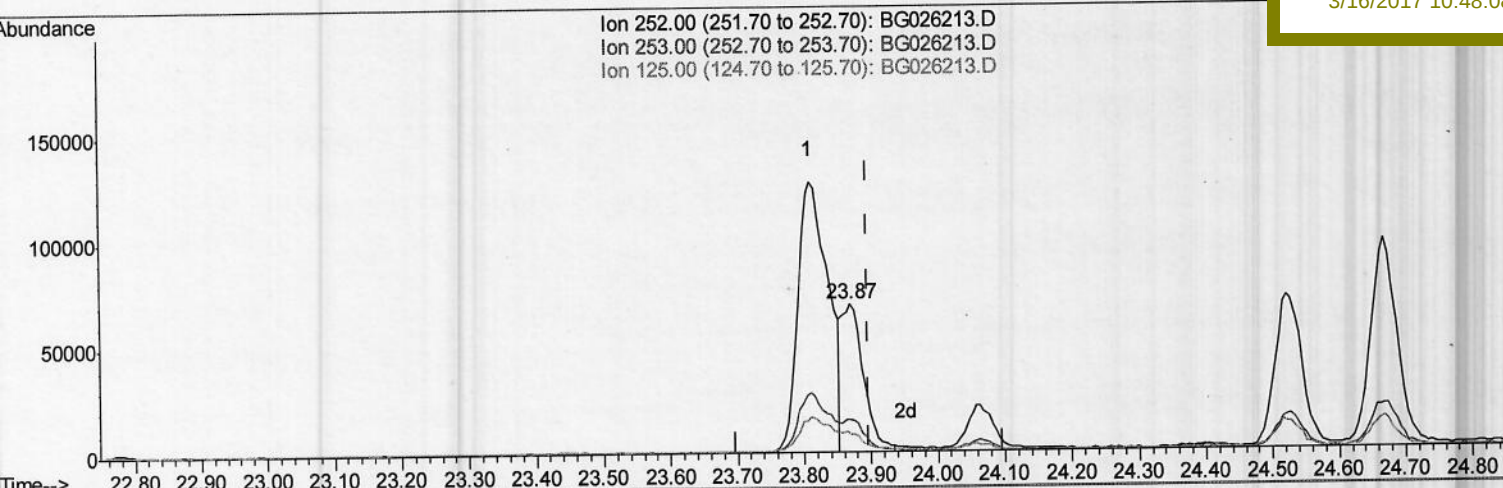
Data Path : Z:\HPCHEM1\BNA_G\Data\BG031317\
 Data File : BG026213.D
 Acq On : 13 Mar 2017 15:14
 Operator : SJ/MA
 Sample : I2217-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
ClientSampleId :
 CB2W6

Manual Integrations
APPROVED

mohammad
 3/16/2017 10:48:08 AM

Quant Time: Mar 15 17:29:26 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030317-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 15 17:21:10 2017
 Response via : Initial Calibration



(25) Benzo(k)fluoranthene

23.870min (-0.027) 4.96ng/ul m

SJ 03/16/17

response 154353

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	22.00
125.00	11.00	11.32
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG031317\
 Data File : BG026213.D
 Acq On : 13 Mar 2017 15:14
 Operator : SJ/MA
 Sample : I2217-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

CB2W6

Quant Time: Mar 15 17:29:26 2017

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030317-PAH.M

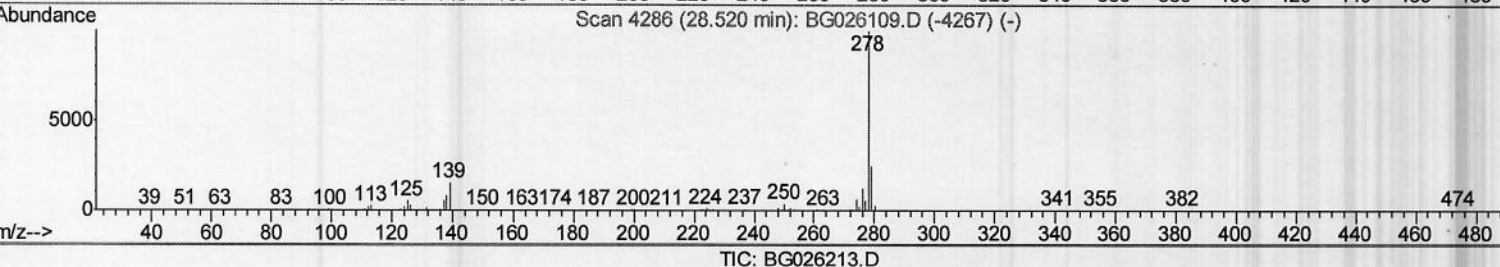
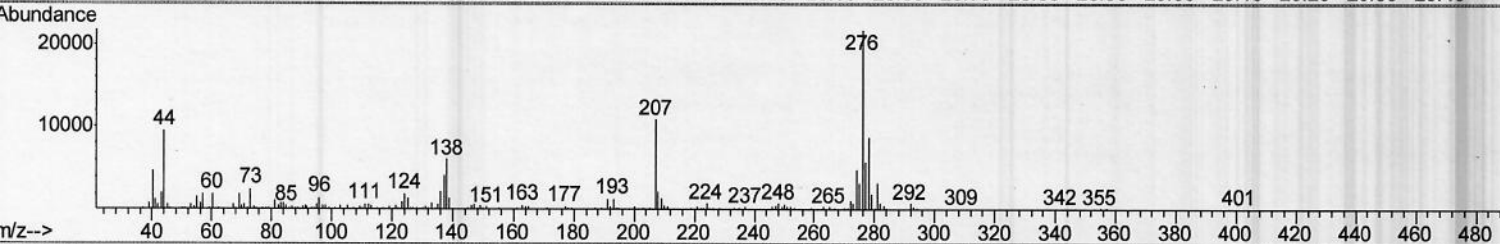
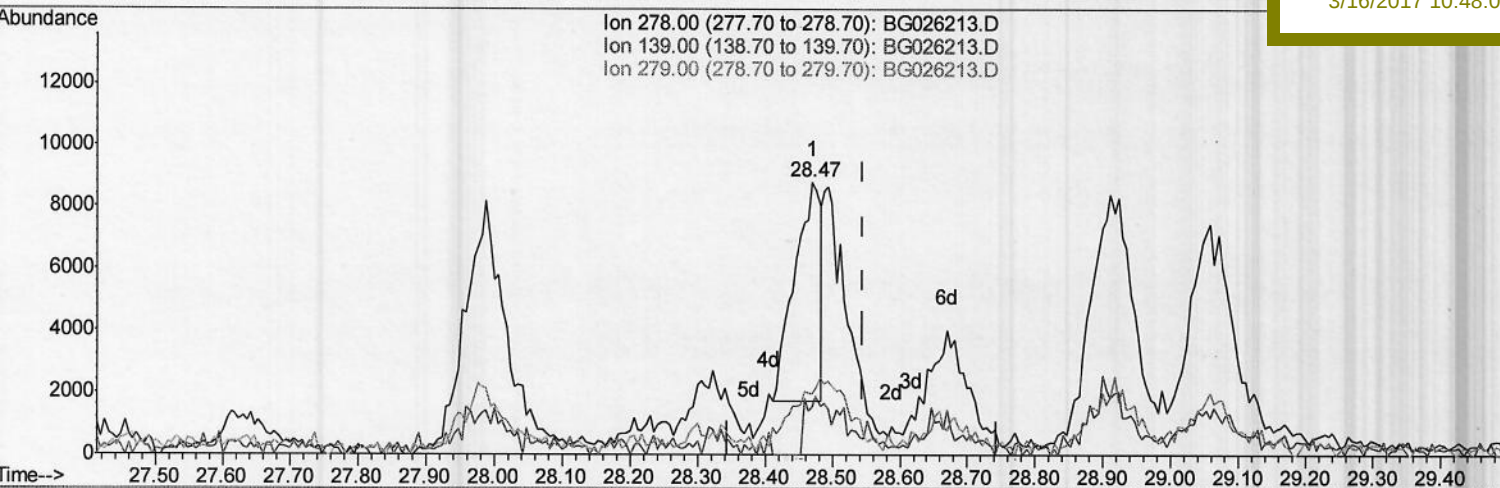
Quant Title : SVOA CALIBRATION

QLast Update : Wed Mar 15 17:21:10 2017

Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 3/16/2017 10:48:08 AM



(29) Dibenzo(a,h)anthracene

28.470min (-0.074) 0.71ng/ul

response 18727

Ion	Exp%	Act%
278.00	100	100
139.00	17.50	17.25
279.00	25.80	22.18
0.00	0.00	0.00

Quantitation Report (Qedit)

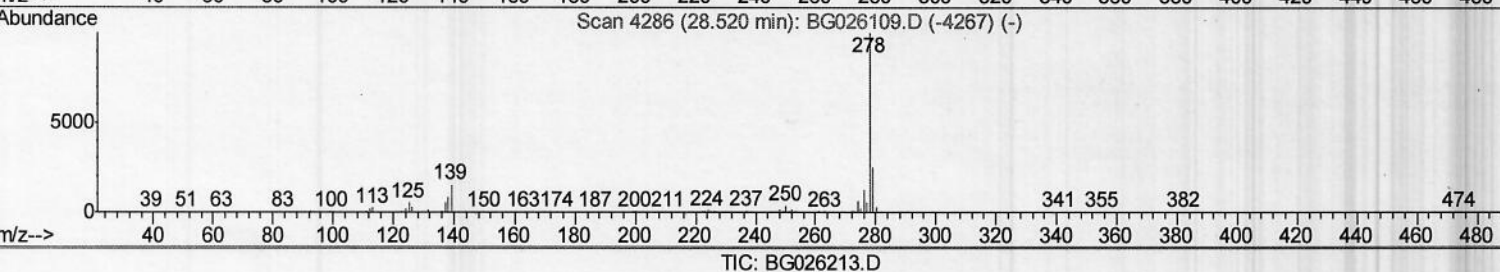
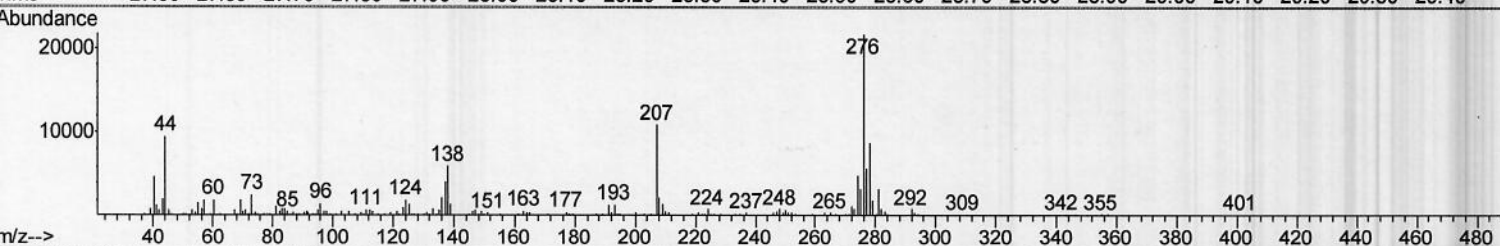
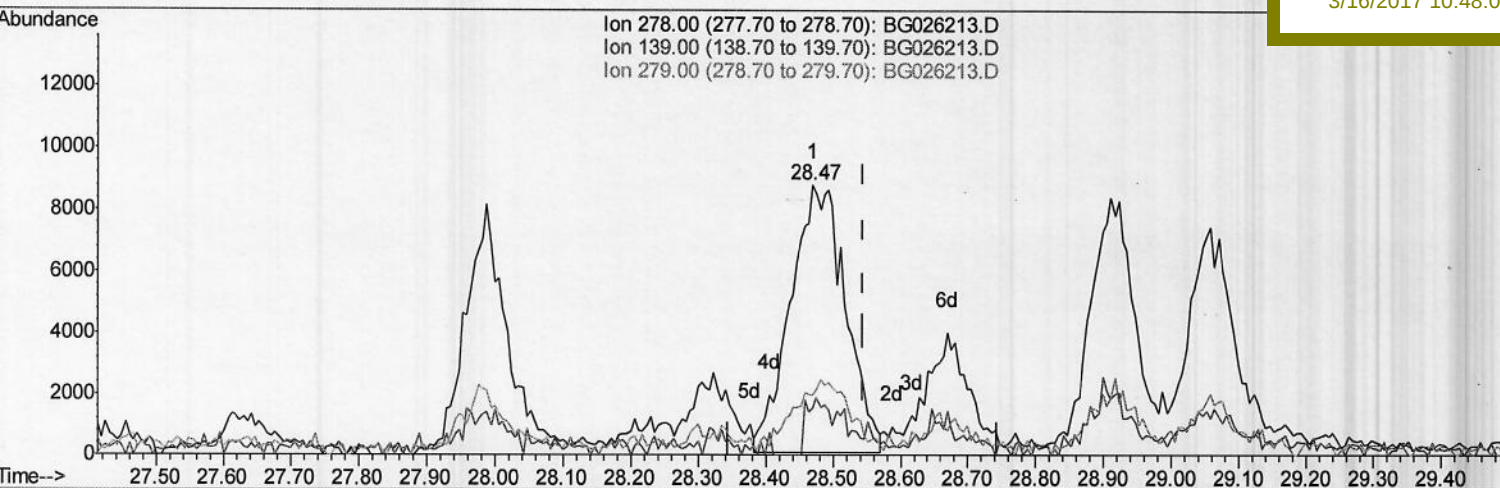
Data Path : Z:\HPCHEM1\BNA_G\Data\BG031317\
 Data File : BG026213.D
 Acq On : 13 Mar 2017 15:14
 Operator : SJ/MA
 Sample : I2217-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB2W6

Manual Integrations
 APPROVED

mohammad
 3/16/2017 10:48:08 AM

Quant Time: Mar 15 17:29:26 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030317-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 15 17:21:10 2017
 Response via : Initial Calibration



(29) Dibenzo(a,h)anthracene

28.470min (-0.074) 1.85ng/ul m

SJ 03/16/17

response 49236

Ion	Exp%	Act%
278.00	100	100
139.00	17.50	17.25
279.00	25.80	22.18
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031317\
 Data File : BG026213.D
 Acq On : 13 Mar 2017 15:14
 Operator : SJ/MA
 Sample : I2217-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB2W6

Manual Integrations
 APPROVED

mohammad
 3/16/2017 10:48:08 AM

Quant Time: Mar 21 17:21:15 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030317-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 15 17:21:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	72960	20.00	ng/ul	-0.02
2) Naphthalene-d8	10.86	136	369721	20.00	ng/ul	-0.02
6) Acenaphthene-d10	14.66	164	234390	20.00	ng/ul	-0.02
12) Phenanthrene-d10	17.39	188	583808	20.00	ng/ul	-0.02
18) Chrysene-d12	21.64	240	603630	20.00	ng/ul	-0.02
23) Perylene-d12	24.82	264	574488	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.47	165	291	0.05	ng/uL	-0.02
7) Acenaphthylene-d8	14.35	160	309498	15.49	ng/ul	-0.02
10) Fluorene-d10	15.64	176	247974	17.01	ng/ul	-0.02
15) Anthracene-d10	17.49	188	368890	14.22	ng/ul	-0.02
19) Pyrene-d10	19.76	212	416128	13.51	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.60	264	342367	13.82	ng/ul	-0.03
Target Compounds						
9) Acenaphthene	14.72	153	29044	2.01	ng/ul	92
11) Fluorene	15.70	166	27149	1.67	ng/ul	96
14) Phenanthrene	17.44	178	469190	15.17	ng/ul	100
16) Anthracene	17.52	178	88939	2.85	ng/ul	100
17) Fluoranthene	19.43	202	710830	22.13	ng/ul	99
20) Pyrene	19.79	202	605378	15.75	ng/ul	100
21) Benzo(a)anthracene	21.61	228	330923	9.85	ng/ul	99
22) Chrysene	21.68	228	315721	10.07	ng/ul	99
24) Benzo(b)fluoranthene	23.81	252	404617	12.41	ng/ul	99
25) Benzo(k)fluoranthene	23.87	252	154353m	4.96	ng/ul	
27) Benzo(a)pyrene	24.67	252	258273	8.52	ng/ul#	96
28) Indeno(1,2,3-cd)pyrene	28.43	276	176409	5.27	ng/ul	96
29) Dibenzo(a,h)anthracene	28.47	278	49236m	1.85	ng/ul	
30) Benzo(g,h,i)perylene	29.57	276	161067	5.62	ng/ul	98

S-J
 03/16/2017

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