

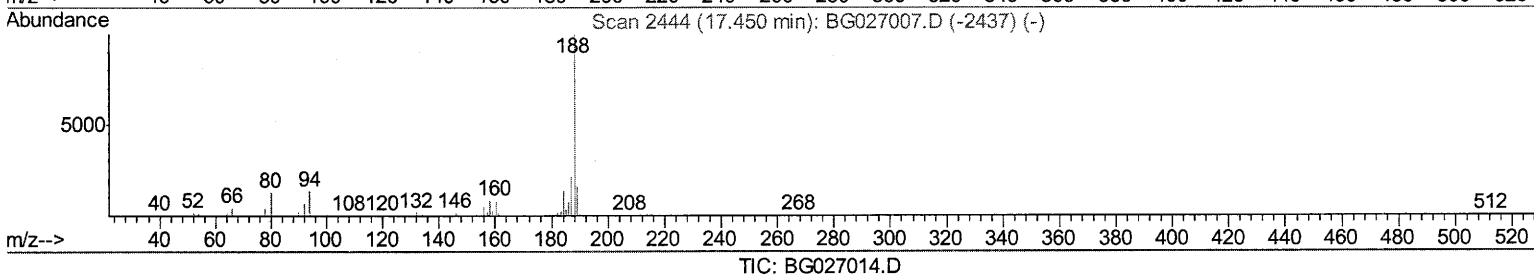
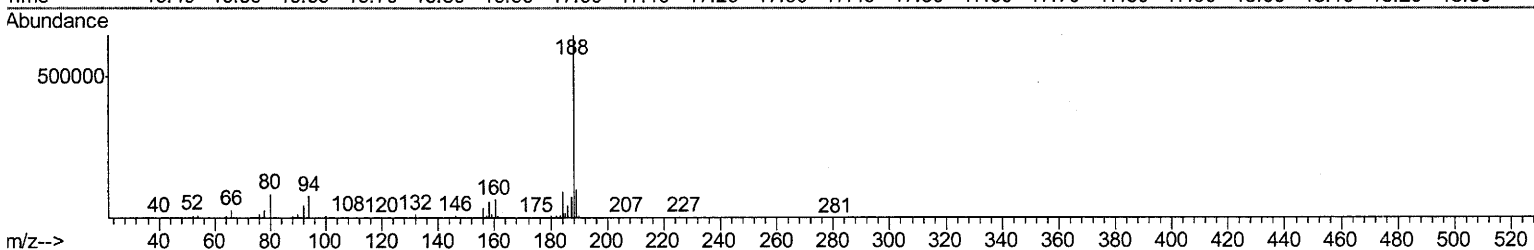
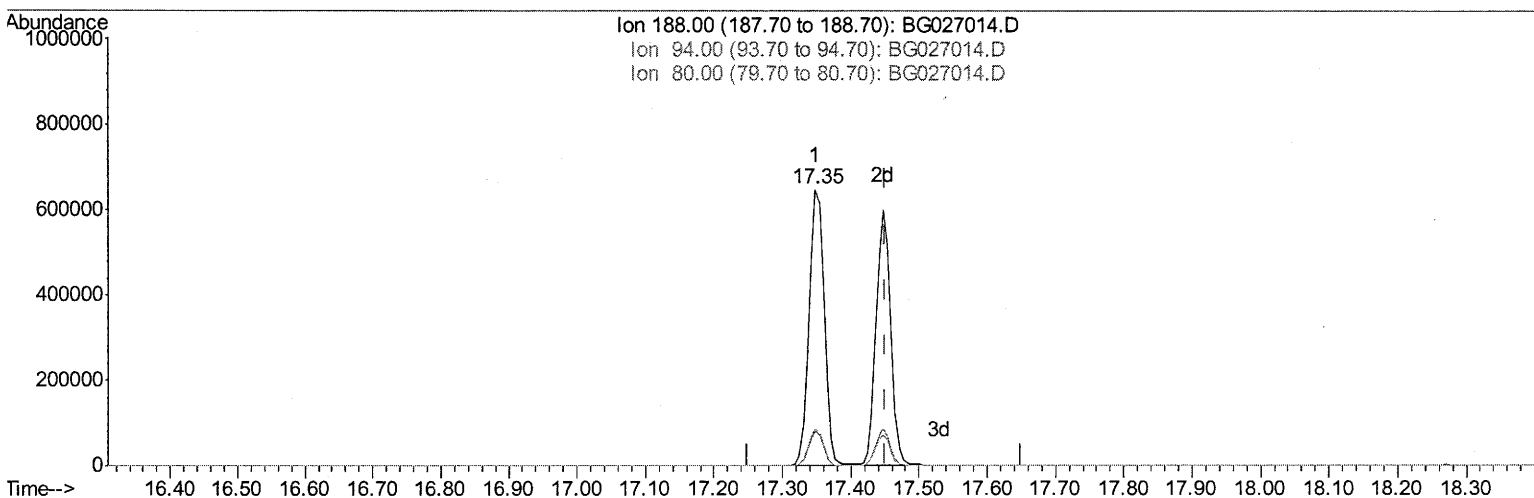
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051817\
 Data File : BG027014.D
 Acq On : 18 May 2017 21:54
 Operator : SJ/MA
 Sample : I3136-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAC23

Manual Integrations
 APPROVED

mohammad
 5/22/2017 11:04:22 AM

Quant Time: May 19 03:20:29 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 19 03:12:01 2017
 Response via : Initial Calibration



TIC: BG027014.D

(14) Anthracene-d10 (S)

17.348min (-0.102) 20.51ng/ul

response 989229

Ion	Exp%	Act%
188.00	100	100
94.00	11.10	12.16
80.00	11.80	13.16
0.00	0.00	0.00

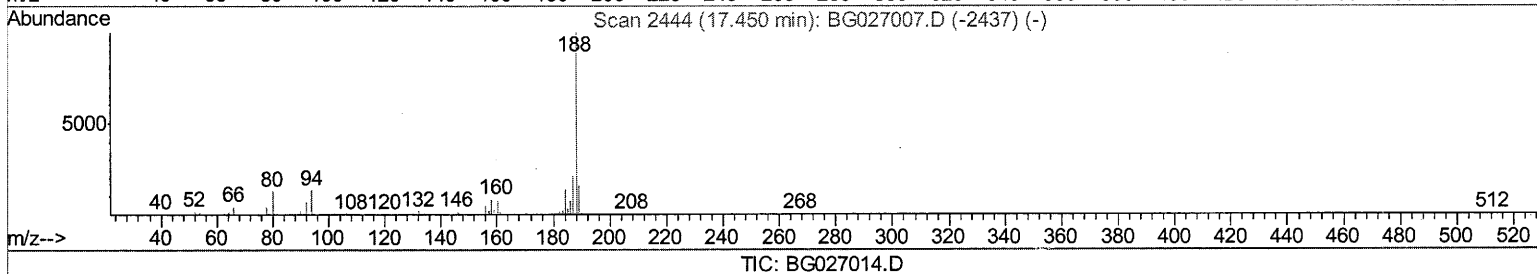
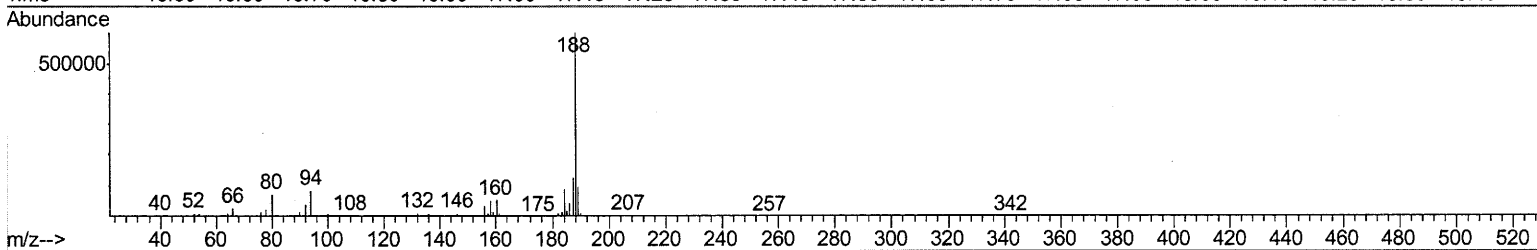
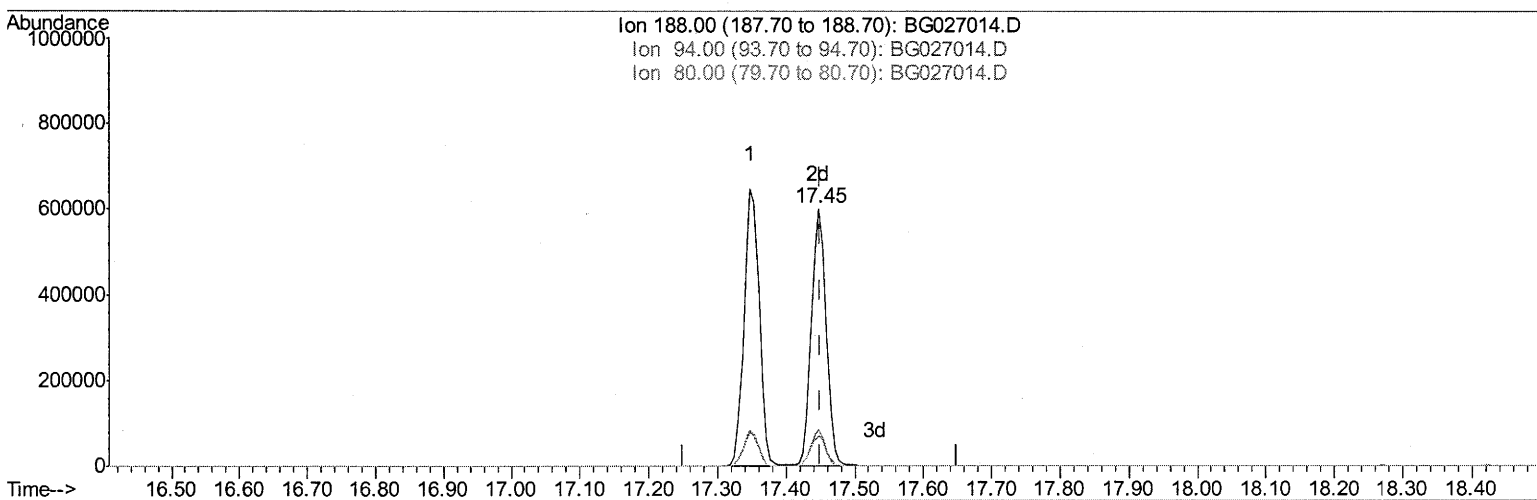
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051817\
Data File : BG027014.D
Acq On : 18 May 2017 21:54
Operator : SJ/MA
Sample : I3136-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DAC23

Manual Integrations
APPROVED

mohammad
5/22/2017 11:04:22 AM

Quant Time: May 19 03:20:29 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 19 03:12:01 2017
Response via : Initial Calibration



(14) Anthracene-d10 (S)

17.448min (-0.003) 18.69ng/ul m

response 901670

Ion	Exp%	Act%
188.00	100	100
94.00	11.10	13.99#
80.00	11.80	12.01
0.00	0.00	0.00

Quantitation Report (Qedit)

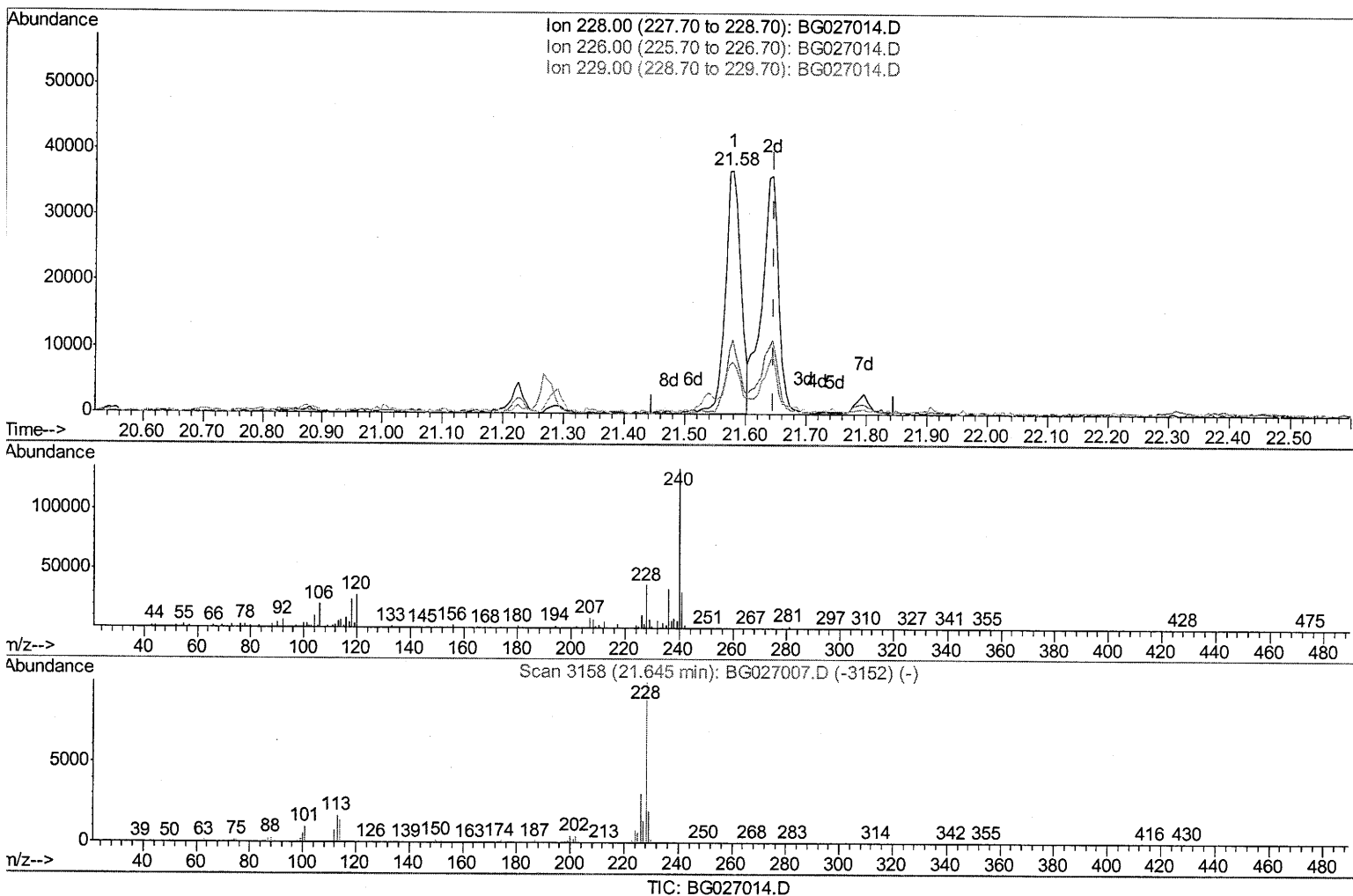
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051817\
Data File : BG027014.D
Acq On : 18 May 2017 21:54
Operator : SJ/MA
Sample : I3136-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
DAC23

Manual Integrations
APPROVED

mohammad
5/22/2017 11:04:22 AM

Quant Time: May 19 03:20:29 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 19 03:12:01 2017
Response via : Initial Calibration



(21) Chrysene

21.578min (-0.067) 1.33ng/ul

response 66364

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	30.45
229.00	19.80	21.45
0.00	0.00	0.00

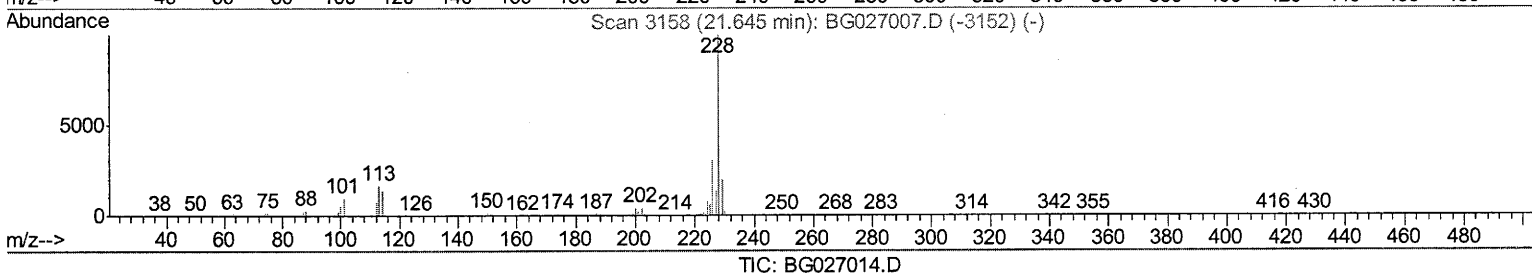
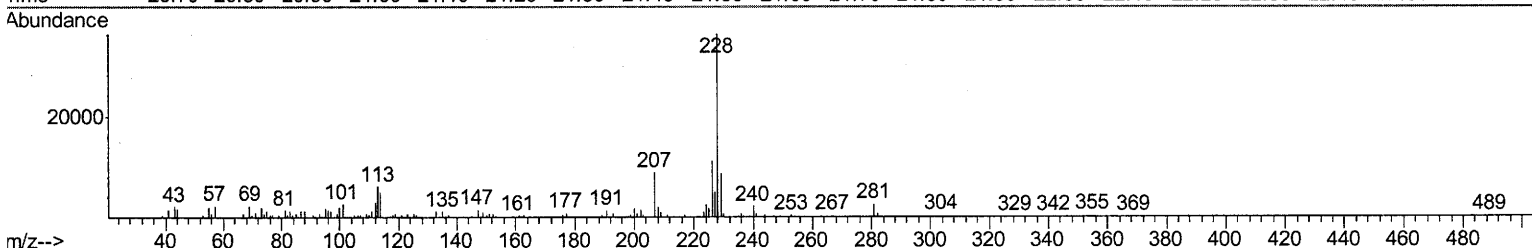
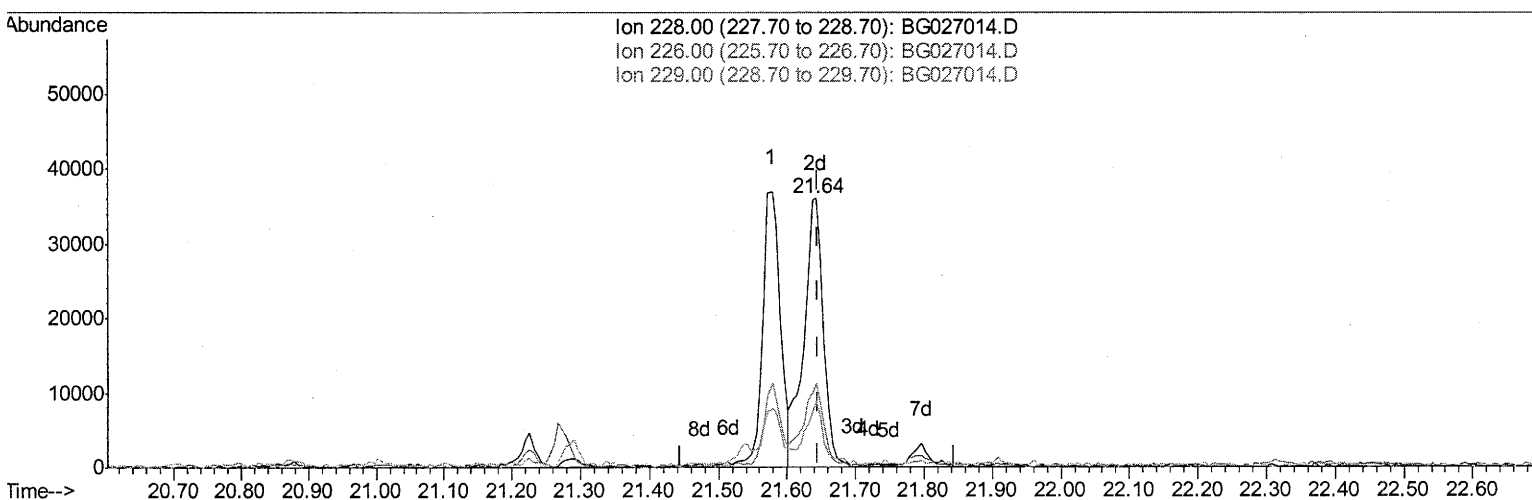
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051817\
Data File : BG027014.D
Acq On : 18 May 2017 21:54
Operator : SJ/MA
Sample : I3136-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleID :
DAC23

Manual Integrations
APPROVED

mohammad
5/22/2017 11:04:22 AM

Quant Time: May 19 03:20:29 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 19 03:12:01 2017
Response via : Initial Calibration



(21) Chrysene

21.643min (-0.003) 1.42ng/ul m

response 71041

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	31.17
229.00	19.80	24.45#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051817\
 Data File : BG027014.D
 Acq On : 18 May 2017 21:54
 Operator : SJ/MA
 Sample : I3136-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 DAC23

Manual Integrations
 APPROVED

mohammad
 5/22/2017 11:04:22 AM

Quant Time: May 19 03:51:27 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 19 03:12:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	203092	20.00	ng/ul	0.00
2) Naphthalene-d8	10.80	136	985257	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	535653	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.35	188	989229	20.00	ng/ul	0.00
17) Chrysene-d12	21.60	240	902014	20.00	ng/ul	0.00
22) Perylene-d12	24.76	264	924987	20.00	ng/ul	0.00

System Monitoring Compounds

7) Acenaphthylene-d8	14.31	160	985139	17.93	ng/ul	0.00
10) Fluorene-d10	15.60	176	639145	17.44	ng/ul	0.00
14) Anthracene-d10	17.45	188	901670m	18.69	ng/ul	0.00
18) Pyrene-d10	19.73	212	901536	19.14	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.54	264	873685	19.01	ng/ul	0.00

Target Compounds

						Qvalue
13) Phenanthrene	17.39	178	66777	1.21	ng/ul	98
16) Fluoranthene	19.40	202	134998	2.39	ng/ul#	95
19) Pyrene	19.76	202	114075	1.93	ng/ul#	88
20) Benzo(a)anthracene	21.58	228	66243	1.22	ng/ul	94
21) Chrysene	21.64	228	71041m	1.42	ng/ul	94
23) Benzo(b)fluoranthene	23.76	252	98256	1.79	ng/ul#	90
26) Benzo(a)pyrene	24.60	252	59421	1.10	ng/ul#	89

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

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051817\
Data File : BG027014.D
Acq On : 18 May 2017 21:54
Operator : SJ/MA
Sample : I3136-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
DAC23

Manual Integrations
APPROVED

mohammad
5/22/2017 11:04:22 AM

Quant Time: May 19 03:51:27 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 19 03:12:01 2017
Response via : Initial Calibration

