

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052417\
 Data File : BG027122.D
 Acq On : 24 May 2017 9:01
 Operator : SJ/MA
 Sample : I3277-05
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAC81

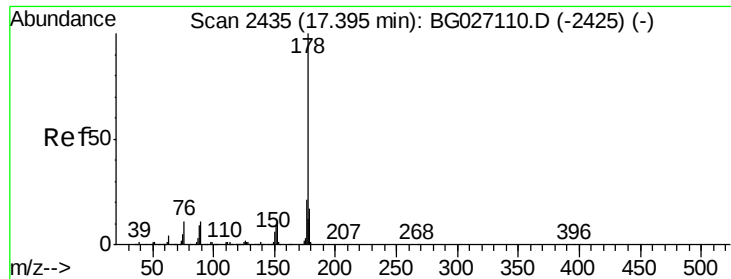
Manual Integrations
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Quant Time: May 24 12:05:37 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 24 01:50:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	184389	20.00	ng/ul	0.00
2) Naphthalene-d8	10.81	136	860039	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	439924	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.35	188	802920	20.00	ng/ul	0.00
17) Chrysene-d12	21.61	240	720076	20.00	ng/ul	0.00
22) Perylene-d12	24.79	264	623788	20.00	ng/ul	0.01
System Monitoring Compounds						
7) Acenaphthylene-d8	14.32	160	1040088	23.05	ng/ul	0.00
10) Fluorene-d10	15.61	176	661604	21.98	ng/ul	0.00
14) Anthracene-d10	17.45	188	876909m	22.40	ng/ul	0.00
18) Pyrene-d10	19.73	212	864697	23.00	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.56	264	720422	23.24	ng/ul	0.00
Target Compounds						
13) Phenanthrene	17.39	178	49074	1.09	ng/ul	Qvalue 99
16) Fluoranthene	19.40	202	86696	1.89	ng/ul#	90
19) Pyrene	19.76	202	83201	1.77	ng/ul#	82
20) Benzo(a)anthracene	21.58	228	48554	1.12	ng/ul#	89
21) Chrysene	21.65	228	59356	1.49	ng/ul#	94
23) Benzo(b)fluoranthene	23.78	252	78404	2.11	ng/ul#	89
26) Benzo(a)pyrene	24.63	252	43431	1.20	ng/ul#	78

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



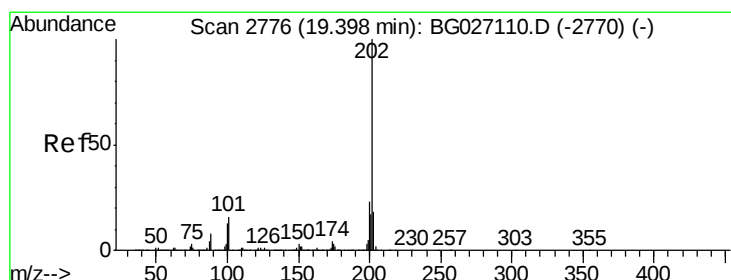
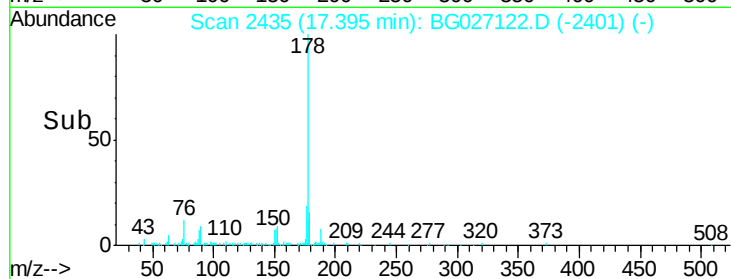
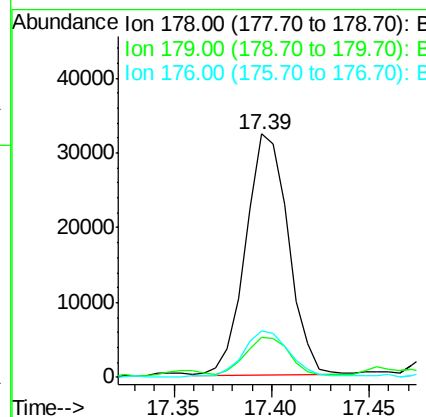
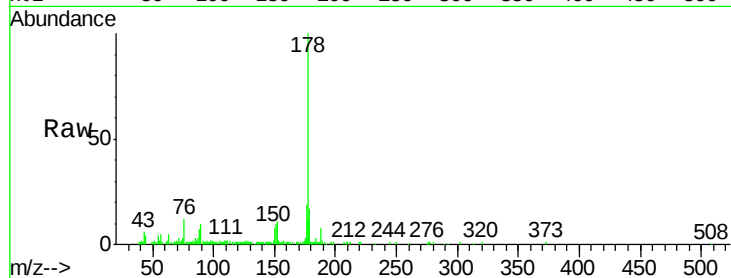
#13
Phenanthrene
Concen: 1.09 ng/ul
RT: 17.39 min Scan# 2435
Delta R.T. 0.00 min
Lab File: BG027122.D
Acq: 24 May 2017 9:01

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ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.3	18.5
176	19.1	15.1	22.7

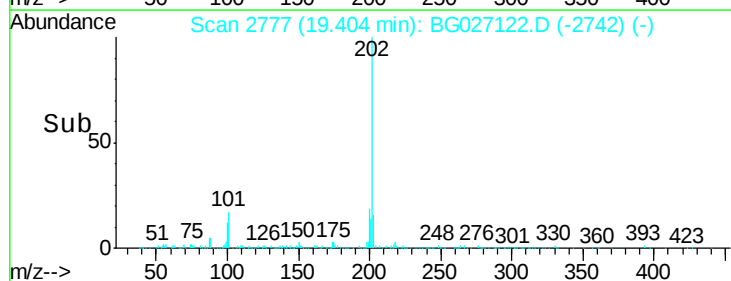
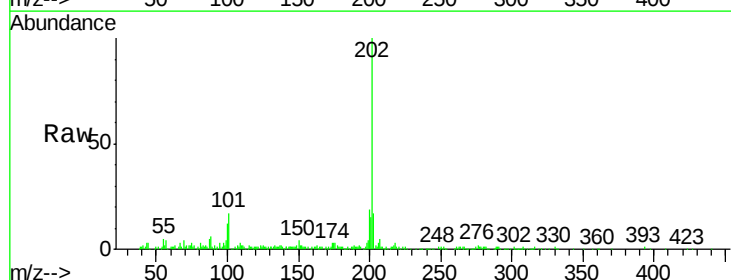
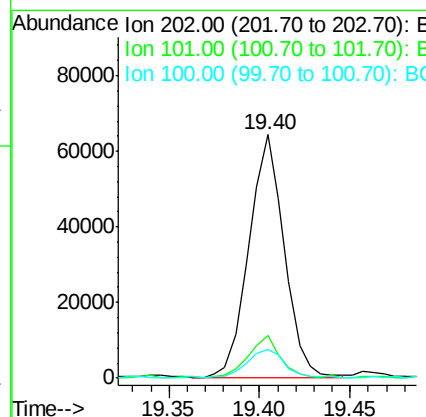
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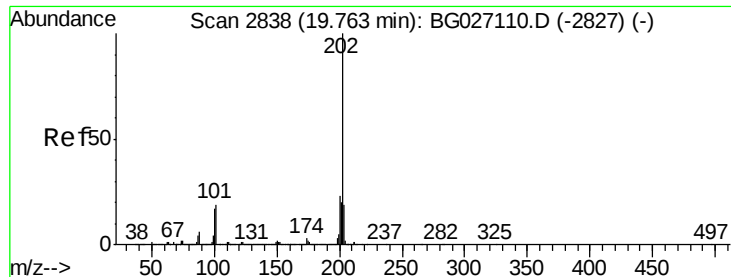
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#16
Fluoranthene
Concen: 1.89 ng/ul
RT: 19.40 min Scan# 2777
Delta R.T. 0.01 min
Lab File: BG027122.D
Acq: 24 May 2017 9:01

Tgt Ion	Ratio	Lower	Upper
202	100		
101	17.5	9.9	14.9#
100	11.8	7.4	11.0#





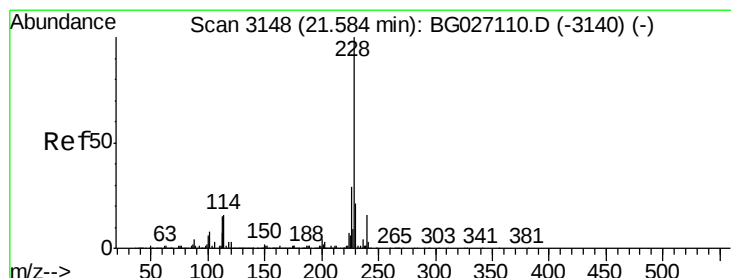
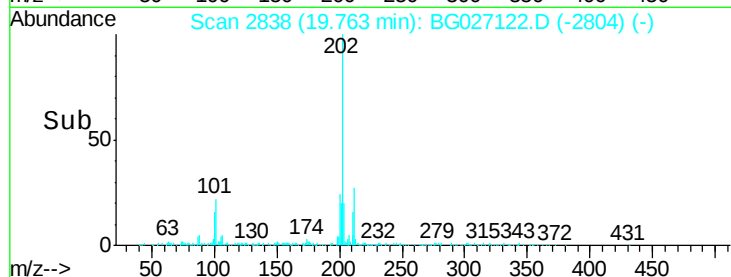
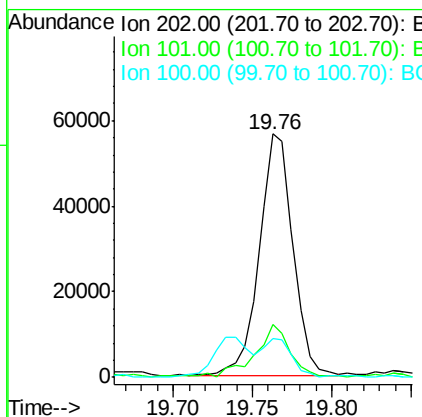
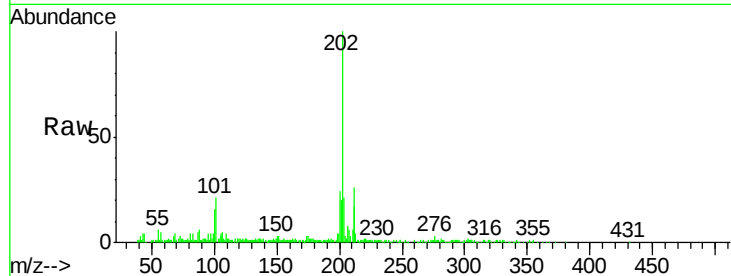
#19
Pyrene
Concen: 1.77 ng/ul
RT: 19.76 min Scan# 2838
Delta R.T. 0.00 min
Lab File: BG027122.D
Acq: 24 May 2017 9:01

Instrument :
BNA_G
ClientSampleId :
DAC81

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	83201		
101	21.5	11.0	16.4#	
100	15.8	8.1	12.1#	

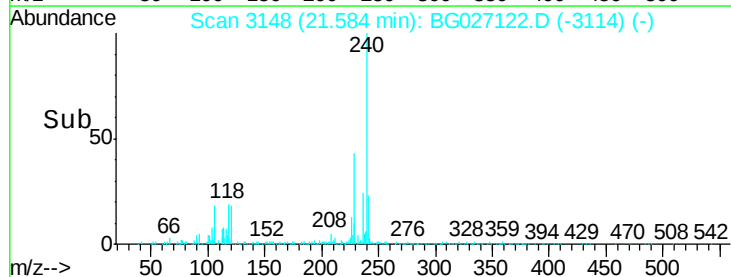
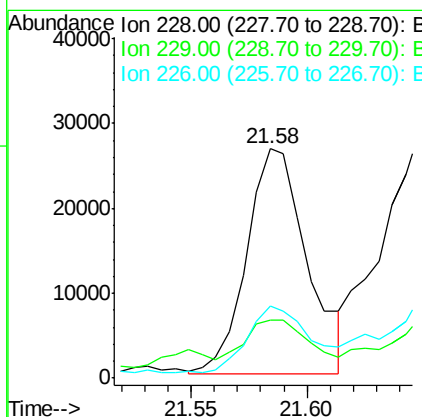
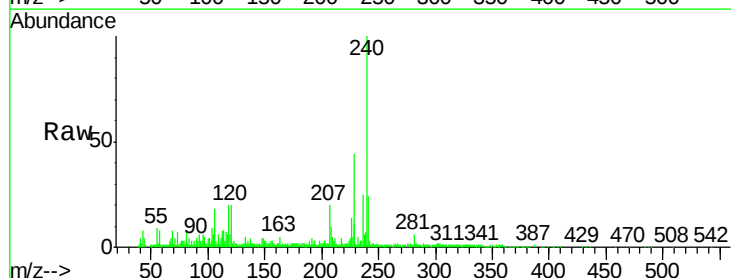
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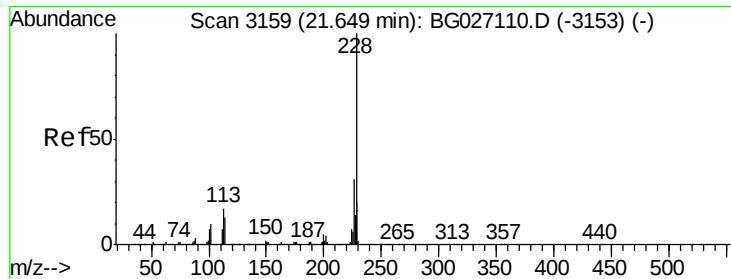
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#20
Benzo(a)anthracene
Concen: 1.12 ng/ul
RT: 21.58 min Scan# 3148
Delta R.T. 0.00 min
Lab File: BG027122.D
Acq: 24 May 2017 9:01

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	48554		
229	25.1	15.7	23.5#	
226	31.3	21.1	31.7	





#21

Chrysene

Concen: 1.49 ng/ul

RT: 21.65 min Scan# 3159

Delta R.T. 0.00 min

Lab File: BG027122.D

Acq: 24 May 2017 9:01

Instrument :

BNA_G

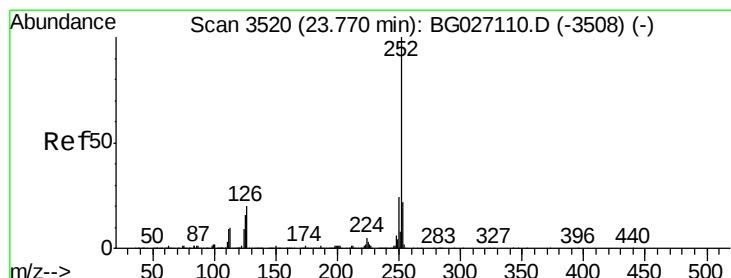
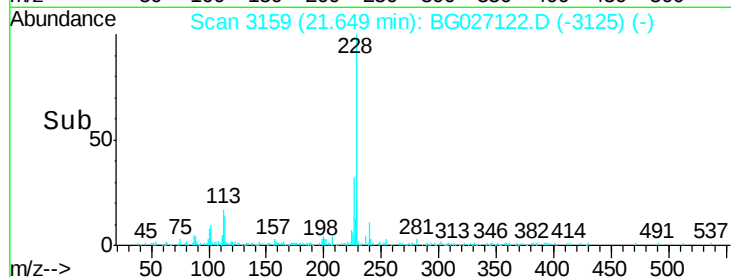
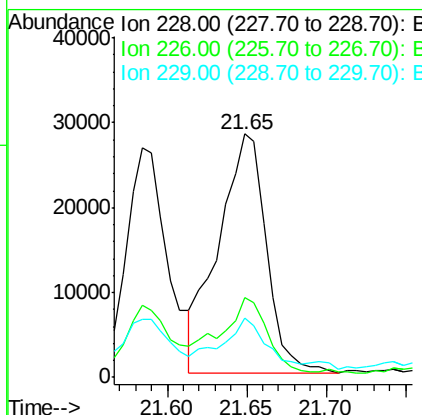
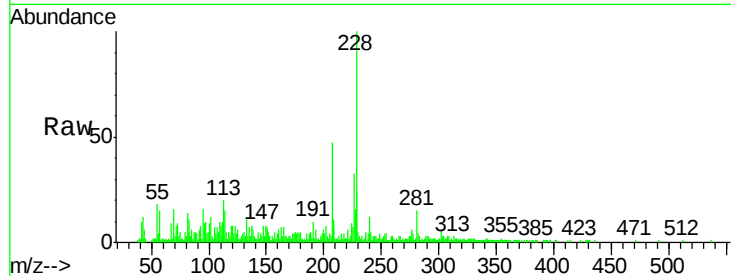
ClientSampled :

DAC81

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.5	36.7
229	24.2	15.8	23.8

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#23

Benzo(b)fluoranthene

Concen: 2.11 ng/ul

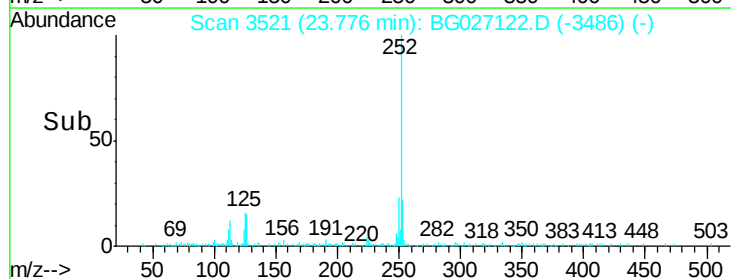
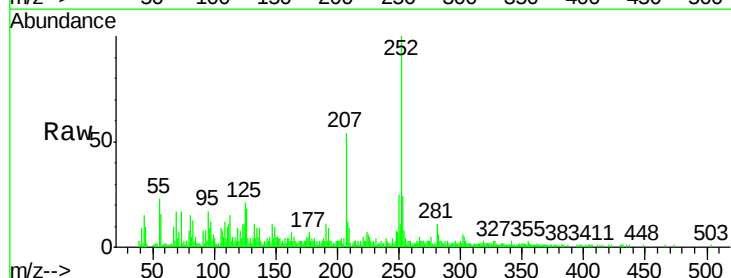
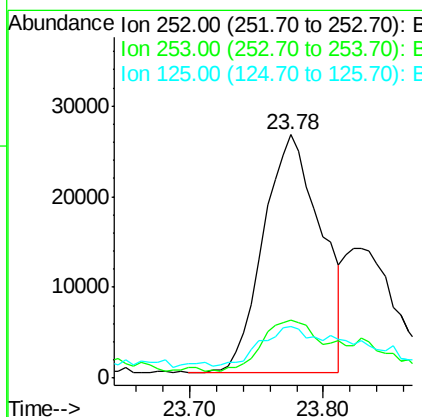
RT: 23.78 min Scan# 3521

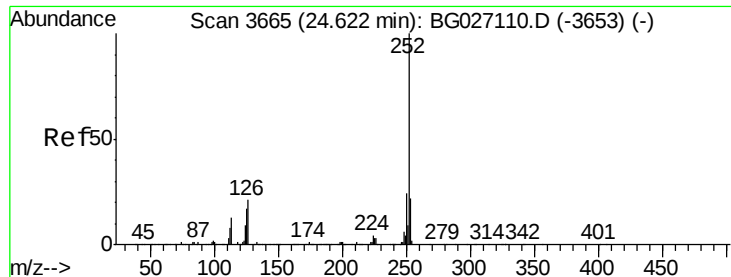
Delta R.T. 0.01 min

Lab File: BG027122.D

Acq: 24 May 2017 9:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.0	27.0
125	21.3	8.0	12.0





#26
Benzo(a)pyrene
Concen: 1.20 ng/ul
RT: 24.63 min Scan# 3666
Delta R.T. 0.01 min
Lab File: BG027122.D
Acq: 24 May 2017 9:01

Instrument :
BNA_G
ClientSampleId :
DAC81

Tgt Ion:	252	Resp:	43431
Ion Ratio	Lower	Upper	
252	100		
253	28.1	17.2	25.8#
125	24.9	8.2	12.4#

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