

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052417\
 Data File : BG027108.D
 Acq On : 23 May 2017 23:50
 Operator : SJ/MA
 Sample : I3279-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DACB3

Manual Integrations
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Quant Time: May 24 01:45:32 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 24 01:27:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	186007	20.00	ng/ul	0.00
2) Naphthalene-d8	10.80	136	900164	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	464387	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.35	188	868604	20.00	ng/ul	0.00
17) Chrysene-d12	21.60	240	794374	20.00	ng/ul	0.00
22) Perylene-d12	24.77	264	696848	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.31	160	820736	17.23	ng/ul	0.00
10) Fluorene-d10	15.60	176	524044	16.49	ng/ul	0.00
14) Anthracene-d10	17.45	188	697682	16.47	ng/ul	0.00
18) Pyrene-d10	19.73	212	721334	17.39	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.55	264	608693	17.58	ng/ul	0.00
Target Compounds						
13) Phenanthrene	17.39	178	79849	1.64	ng/ul	Qvalue 99
16) Fluoranthene	19.40	202	131700	2.65	ng/ul#	96
19) Pyrene	19.76	202	106563	2.05	ng/ul#	89
20) Benzo(a)anthracene	21.58	228	64106	1.34	ng/ul	98
21) Chrysene	21.65	228	62109m	1.41	ng/ul	
23) Benzo(b)fluoranthene	23.77	252	75427	1.82	ng/ul#	93
26) Benzo(a)pyrene	24.62	252	47726	1.18	ng/ul#	88

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

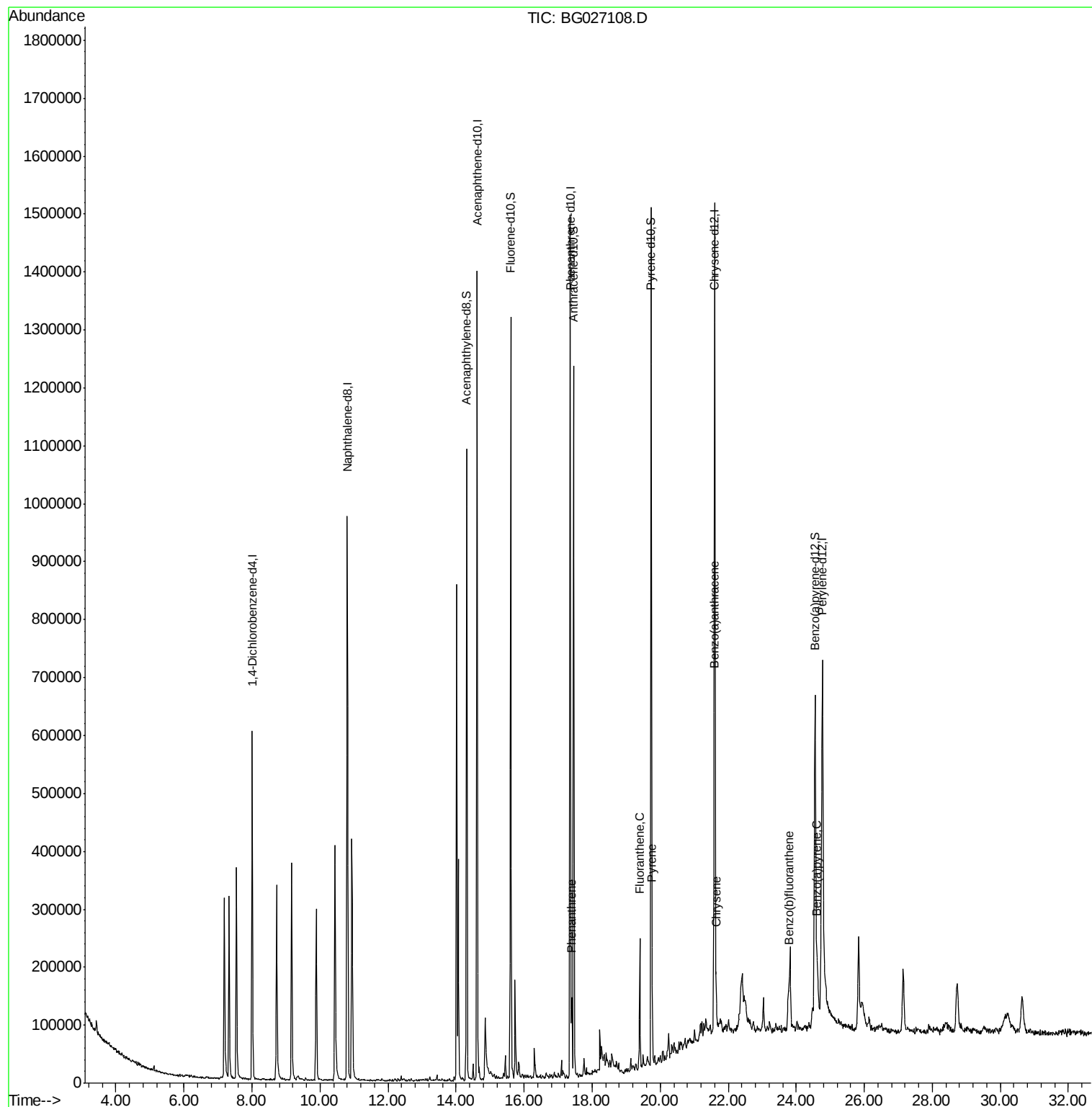
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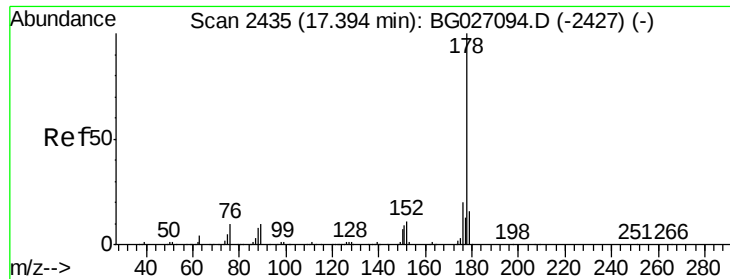
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Quant Time: May 24 01:45:32 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 24 01:27:20 2017
Response via : Initial Calibration





#13

Phenanthrene

Concen: 1.64 ng/ul

RT: 17.39 min Scan# 2435

Delta R.T. 0.00 min

Lab File: BG027108.D

Acq: 23 May 2017 23:50

Instrument :

BNA_G

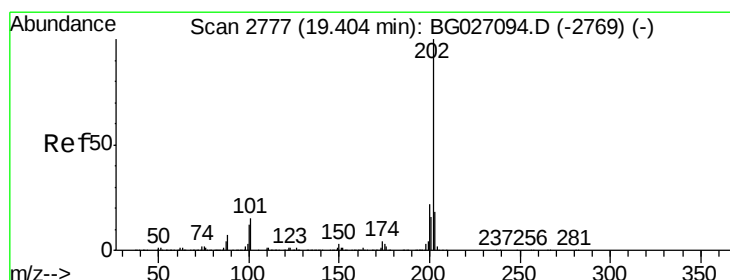
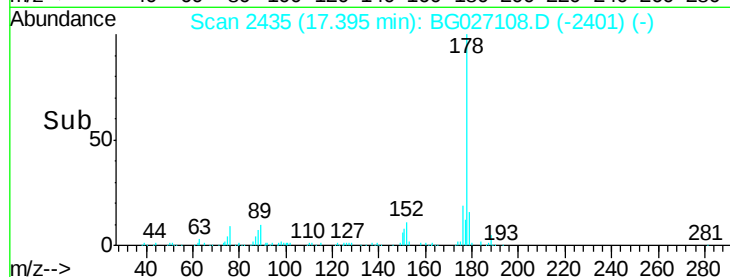
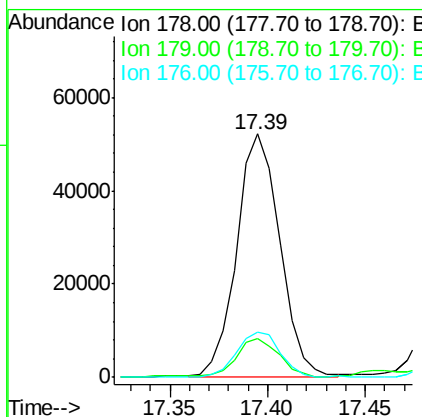
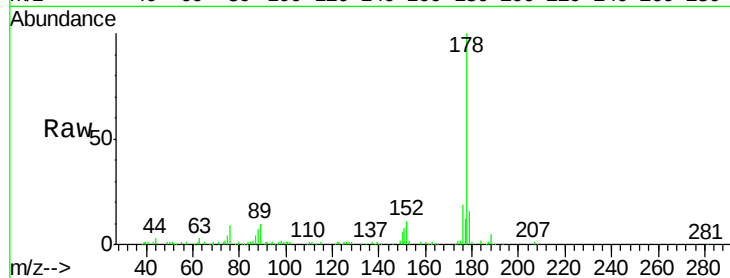
ClientSampleId :

DACB3

Tgt Ion:	178	Resp:	79849
Ion Ratio	Lower	Upper	
178	100		
179	16.1	12.3	18.5
176	18.6	15.1	22.7

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#16

Fluoranthene

Concen: 2.65 ng/ul

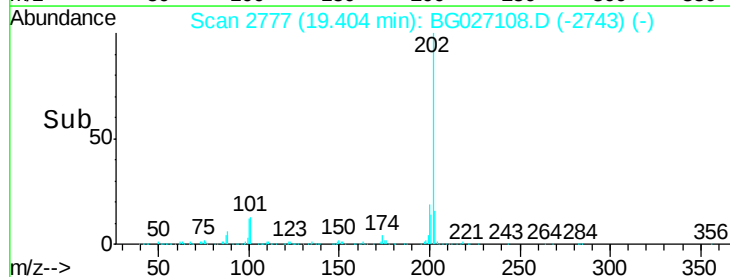
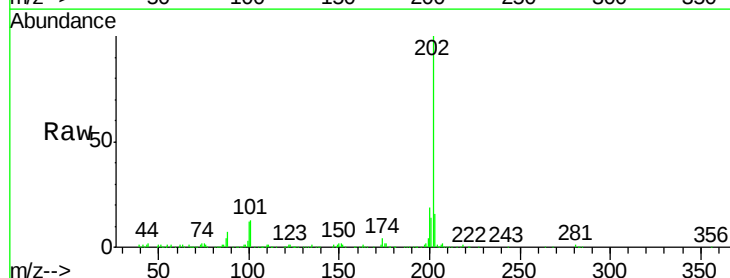
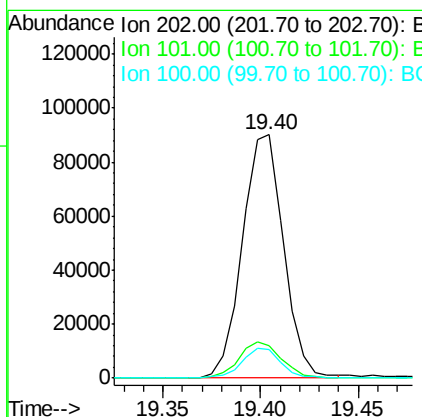
RT: 19.40 min Scan# 2777

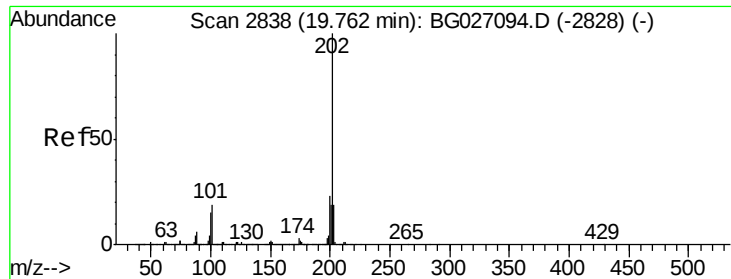
Delta R.T. 0.00 min

Lab File: BG027108.D

Acq: 23 May 2017 23:50

Tgt Ion:	202	Resp:	131700
Ion Ratio	Lower	Upper	
202	100		
101	13.4	9.9	14.9
100	11.8	7.4	11.0#





#19

Pyrene

Concen: 2.05 ng/ul

RT: 19.76 min Scan# 2838

Delta R.T. 0.00 min

Lab File: BG027108.D

Acq: 23 May 2017 23:50

Instrument :

BNA_G

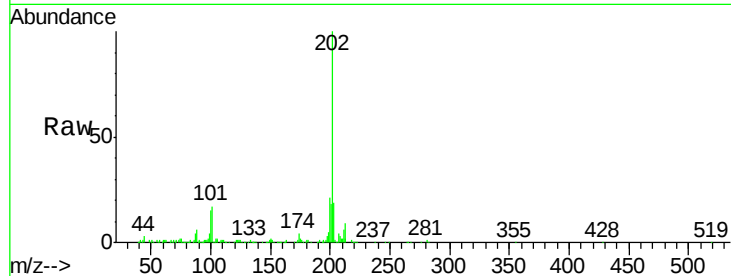
ClientSampleId :

DACB3

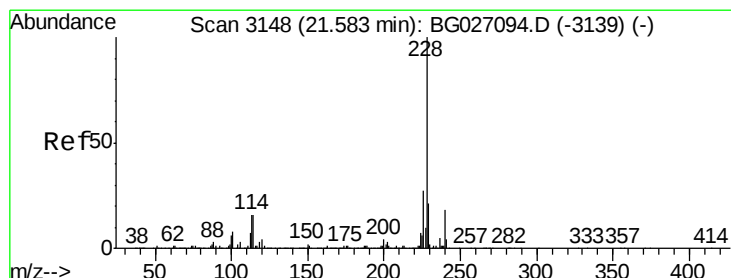
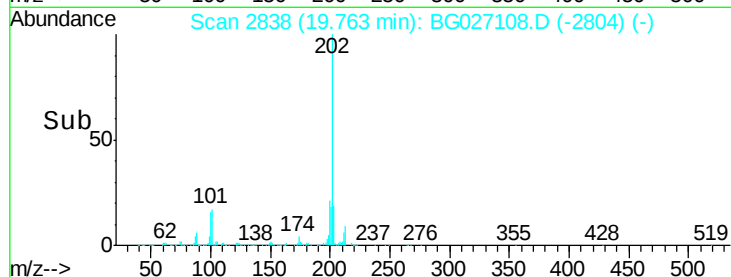
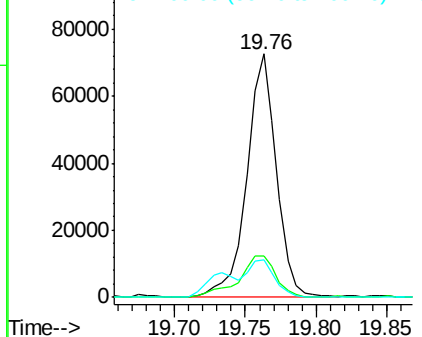
Tgt	Ion	202	Resp:	106563
Ion	Ratio	Lower	Upper	
202	100			
101	16.9	11.0	16.4#	
100	15.5	8.1	12.1#	

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



#20

Benzo(a)anthracene

Concen: 1.34 ng/ul

RT: 21.58 min Scan# 3147

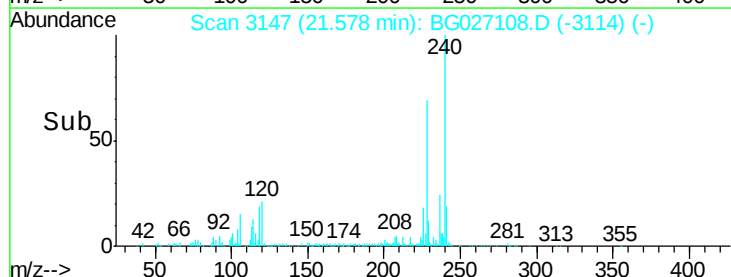
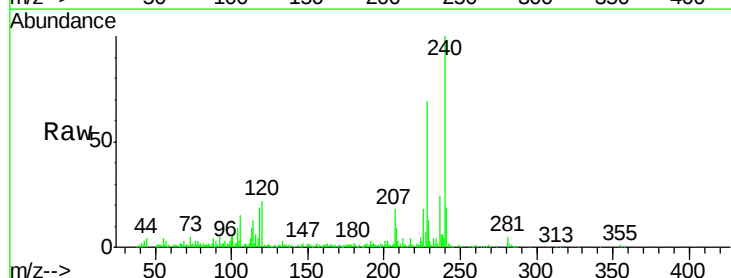
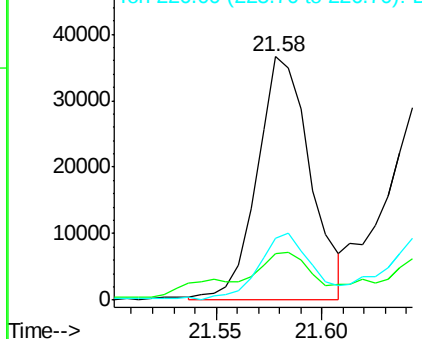
Delta R.T. -0.01 min

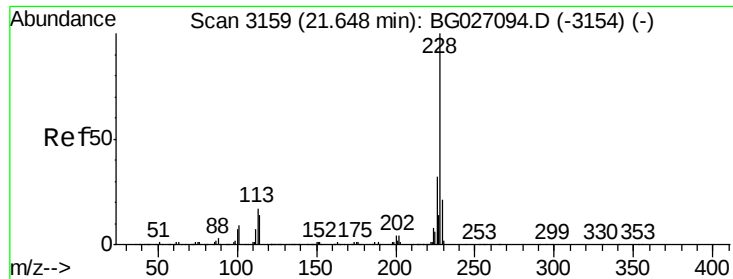
Lab File: BG027108.D

Acq: 23 May 2017 23:50

Tgt	Ion	228	Resp:	64106
Ion	Ratio	Lower	Upper	
228	100			
229	19.0	15.7	23.5	
226	25.6	21.1	31.7	

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 1.41 ng/ul m

RT: 21.65 min Scan# 3159

Delta R.T. 0.00 min

Lab File: BG027108.D

Acq: 23 May 2017 23:50

Instrument :

BNA_G

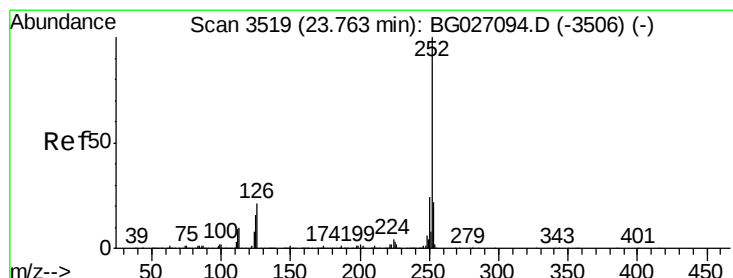
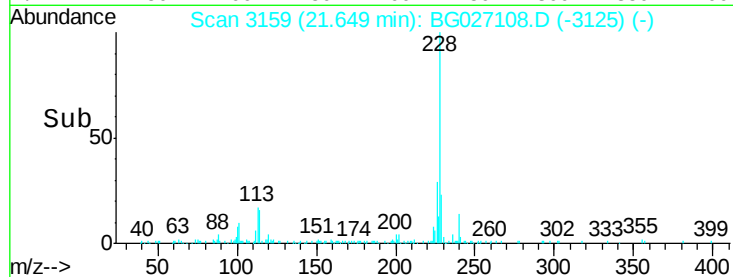
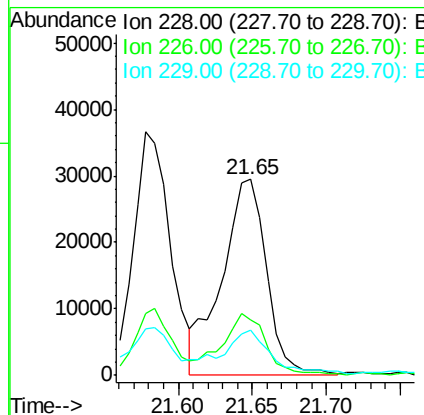
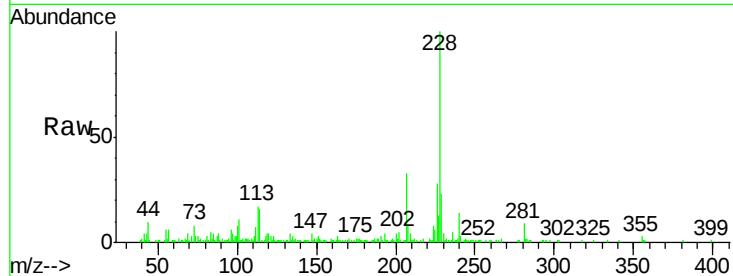
ClientSampleId :

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Tgt Ion:	228	Resp:	62109
Ion Ratio	Lower	Upper	
228	100		
226	28.4	24.5	36.7
229	23.1	15.8	23.8

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#23

Benzo(b)fluoranthene

Concen: 1.82 ng/ul

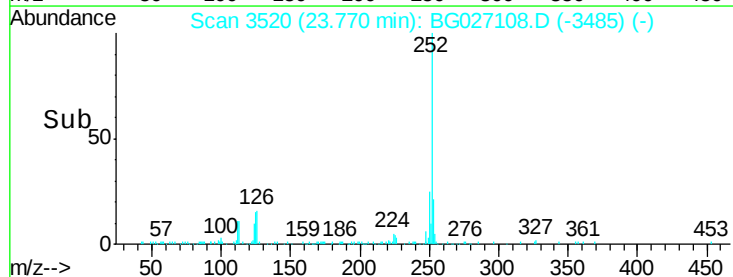
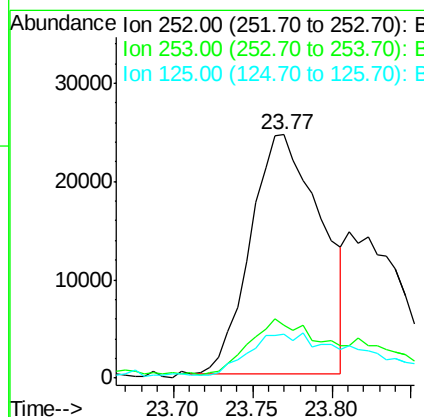
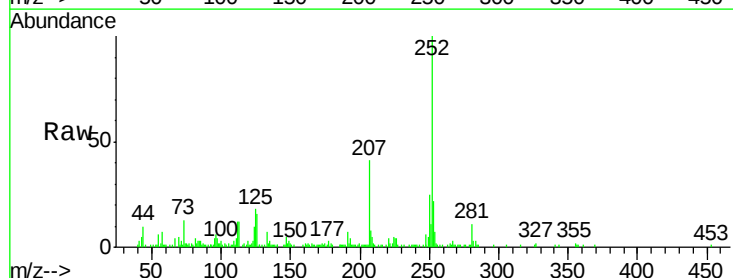
RT: 23.77 min Scan# 3520

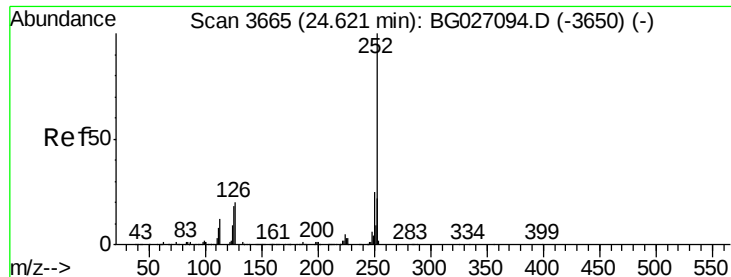
Delta R.T. 0.01 min

Lab File: BG027108.D

Acq: 23 May 2017 23:50

Tgt Ion:	252	Resp:	75427
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.0	27.0
125	17.9	8.0	12.0#





#26

Benzo(a)pyrene

Concen: 1.18 ng/ul

RT: 24.62 min Scan# 3665

Delta R.T. 0.00 min

Lab File: BG027108.D

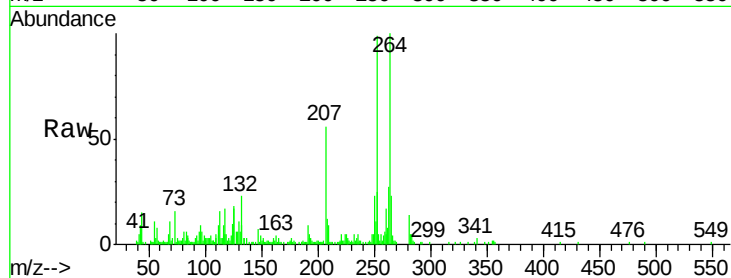
Acq: 23 May 2017 23:50

Instrument :

BNA_G

ClientSampleId :

DACB3



Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.2	25.8
125	17.4	8.2	12.4

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