

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
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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						
13) Phenanthrene	17.39	178	66777	1.21	ng/ul	Qvalue 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	
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

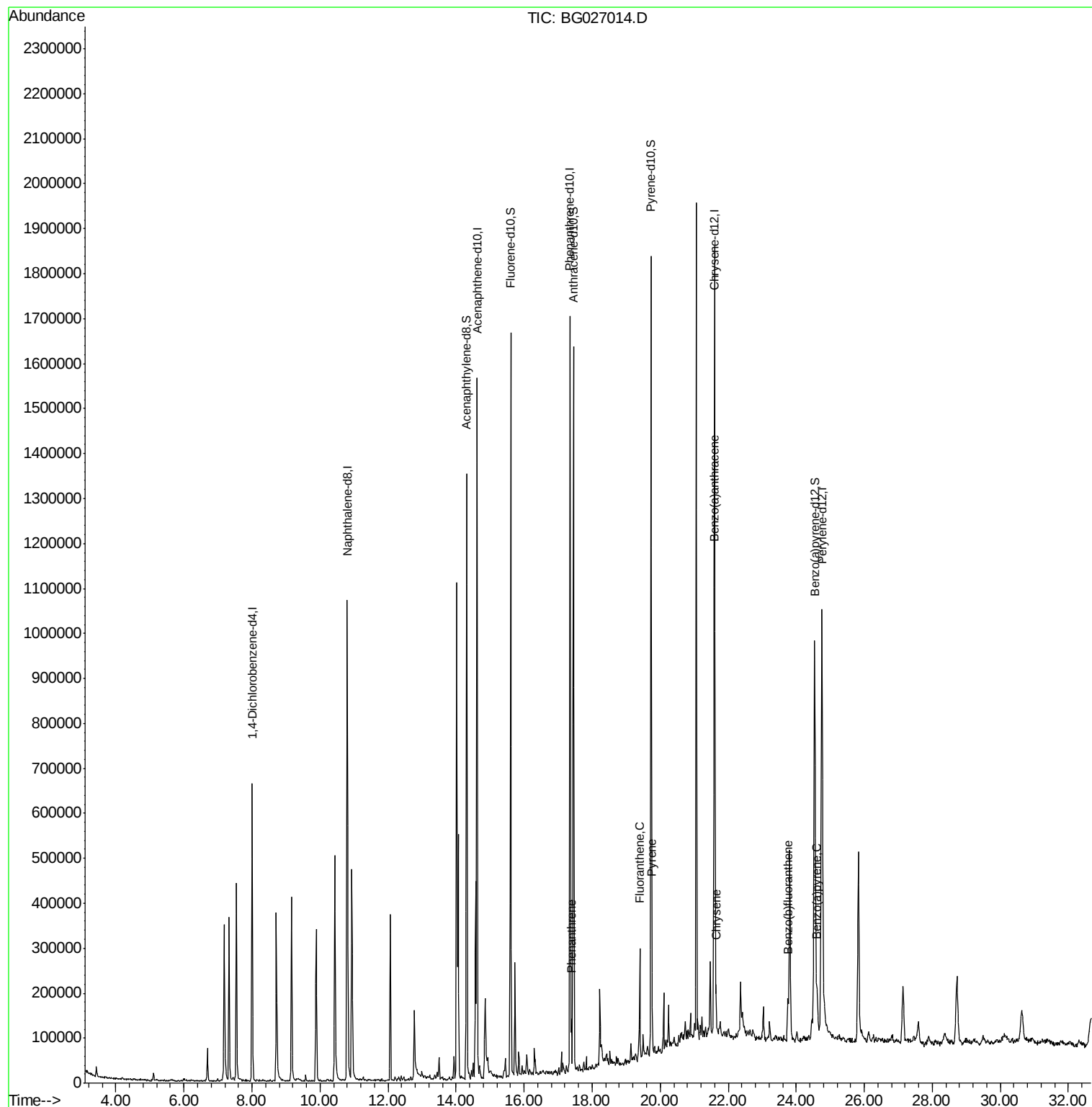
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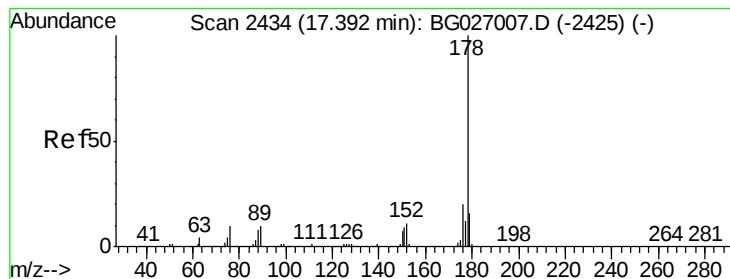
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Response via : Initial Calibration





#13

Phenanthrene

Concen: 1.21 ng/ul

RT: 17.39 min Scan# 2434

Delta R.T. -0.00 min

Lab File: BG027014.D

Acq: 18 May 2017 21:54

Instrument :

BNA_G

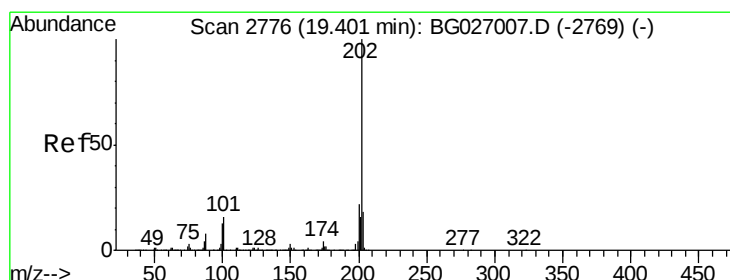
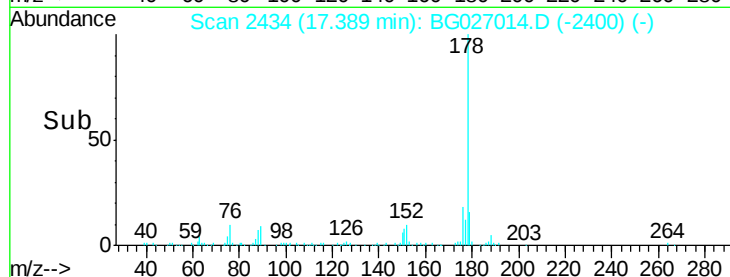
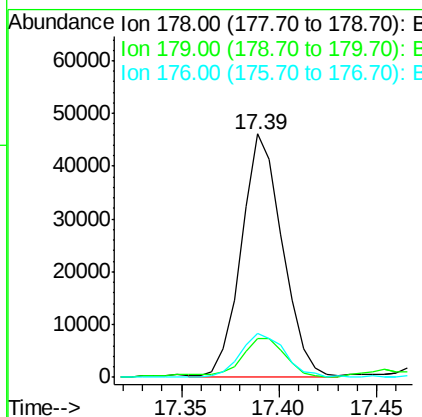
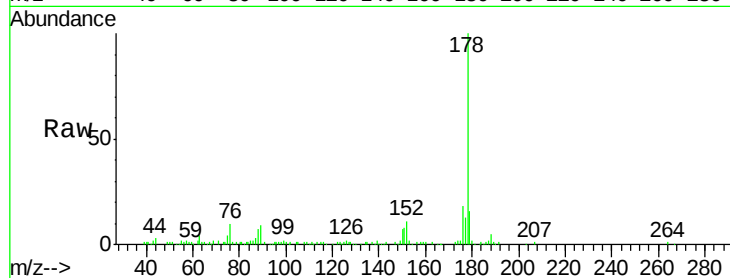
ClientSampleId :

DAC23

Tgt Ion:	178	Resp:	66777
Ion Ratio	Lower	Upper	
178	100		
179	16.2	12.3	18.5
176	18.0	15.1	22.7

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#16

Fluoranthene

Concen: 2.39 ng/ul

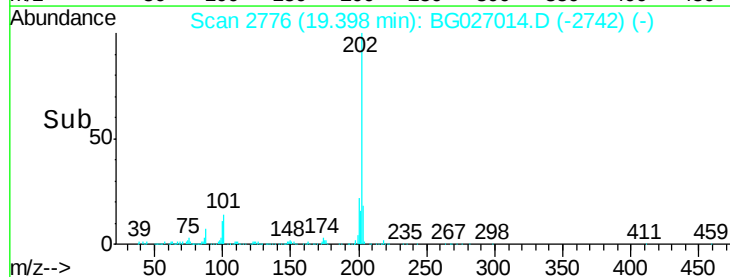
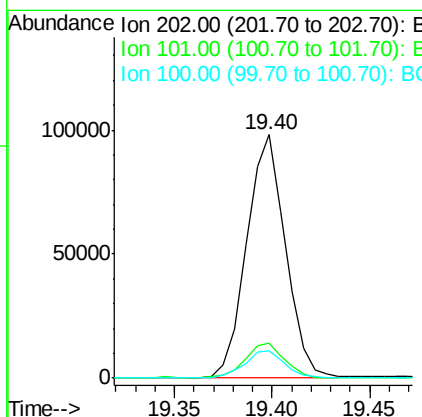
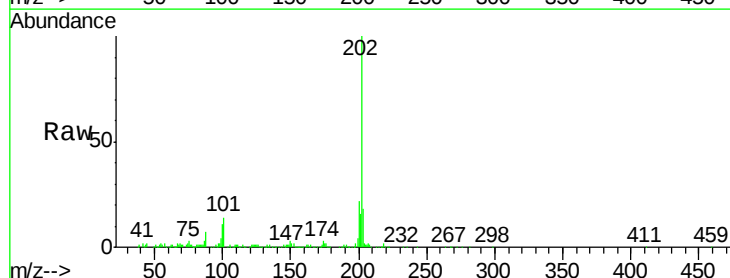
RT: 19.40 min Scan# 2776

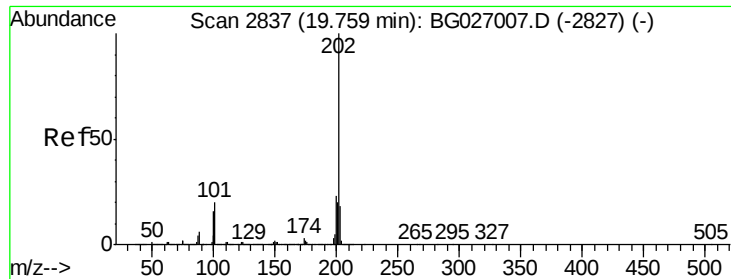
Delta R.T. -0.00 min

Lab File: BG027014.D

Acq: 18 May 2017 21:54

Tgt Ion:	202	Resp:	134998
Ion Ratio	Lower	Upper	
202	100		
101	14.3	9.9	14.9
100	11.1	7.4	11.0#





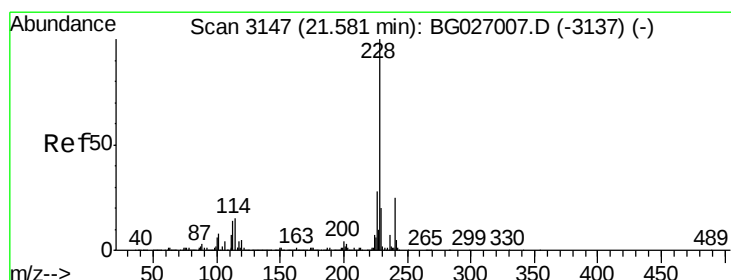
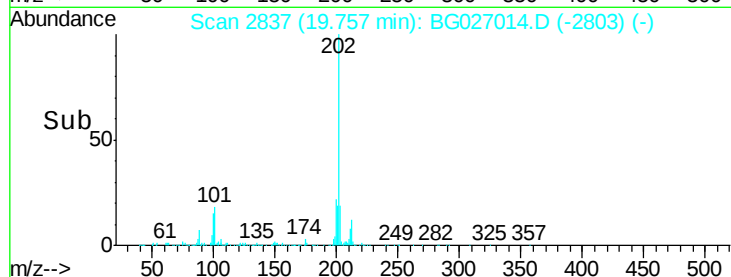
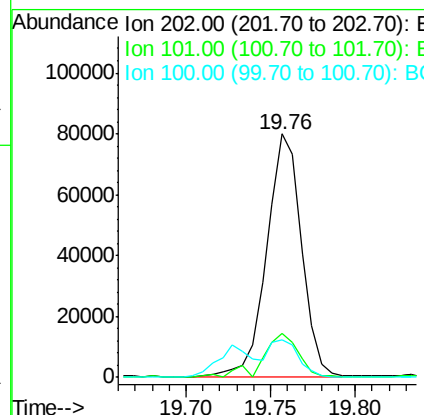
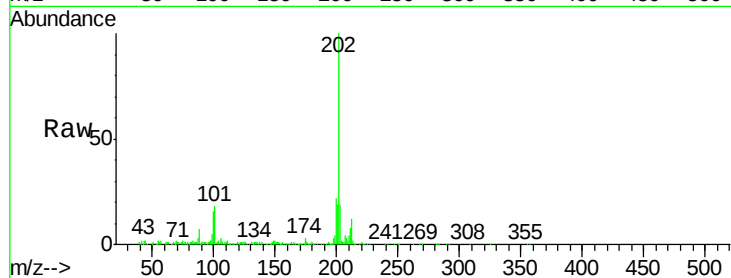
#19
Pyrene
Concen: 1.93 ng/ul
RT: 19.76 min Scan# 2837
Delta R.T. -0.00 min
Lab File: BG027014.D
Acq: 18 May 2017 21:54

Instrument :
BNA_G
ClientSampleId :
DAC23

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	18.0	11.0	16.4#
100	15.6	8.1	12.1#

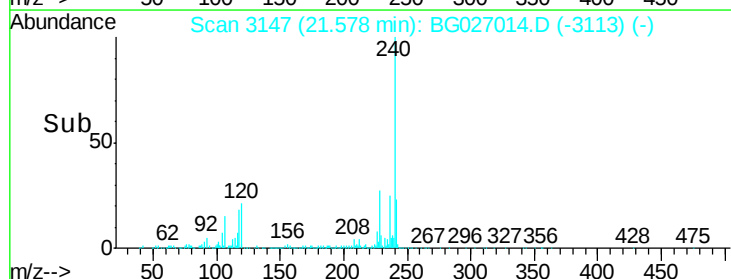
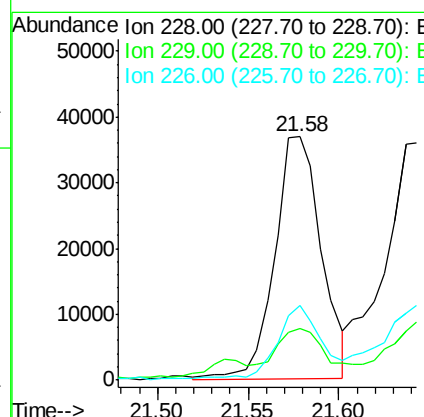
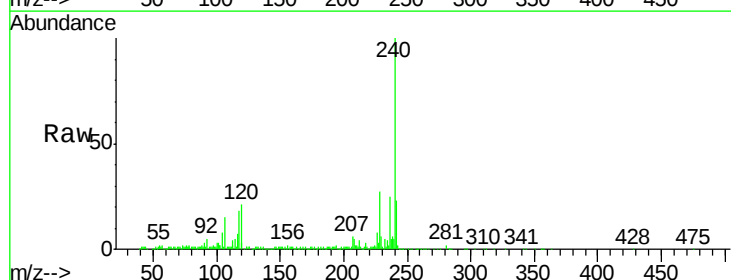
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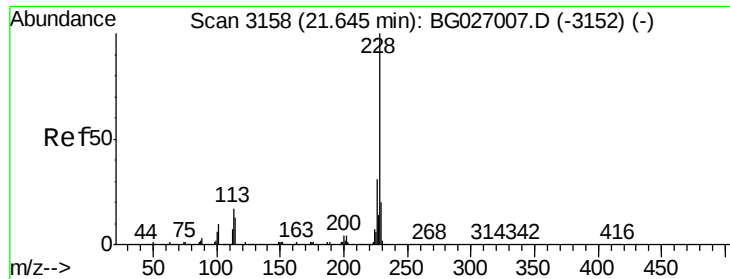
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#20
Benzo(a)anthracene
Concen: 1.22 ng/ul
RT: 21.58 min Scan# 3147
Delta R.T. -0.00 min
Lab File: BG027014.D
Acq: 18 May 2017 21:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.5	15.7	23.5
226	30.5	21.1	31.7





#21

Chrysene

Concen: 1.42 ng/ul m

RT: 21.64 min Scan# 3158

Delta R.T. -0.00 min

Lab File: BG027014.D

Acq: 18 May 2017 21:54

Instrument :

BNA_G

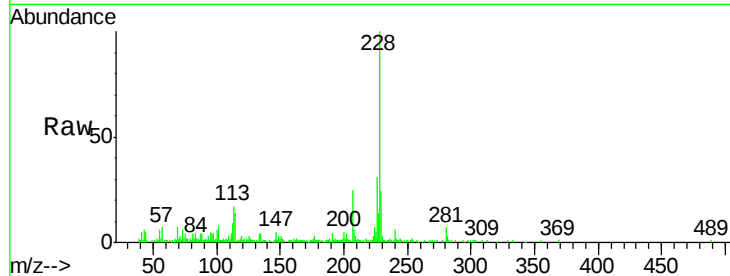
ClientSampled :

DAC23

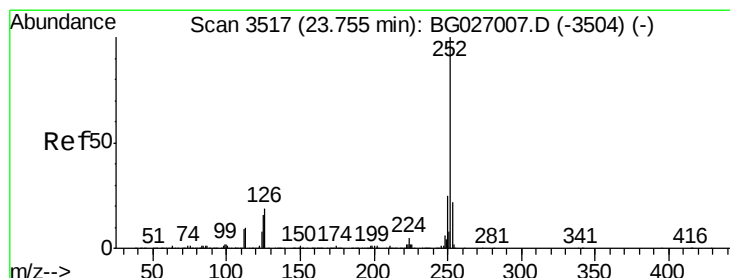
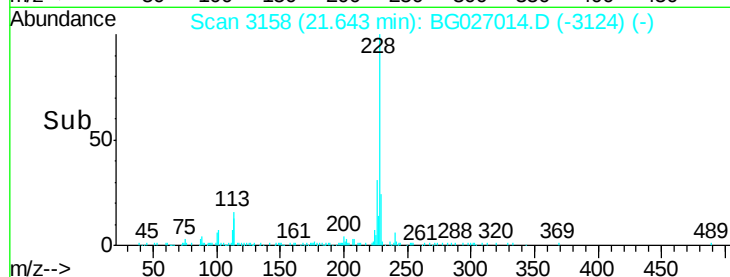
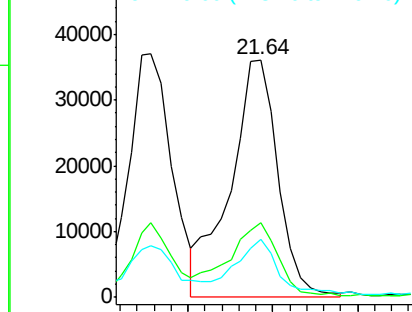
Tgt Ion:	228	Resp:	71041
Ion Ratio	Lower	Upper	
228	100		
226	31.2	24.5	36.7
229	24.5	15.8	23.8#

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



#23

Benzo(b)fluoranthene

Concen: 1.79 ng/ul

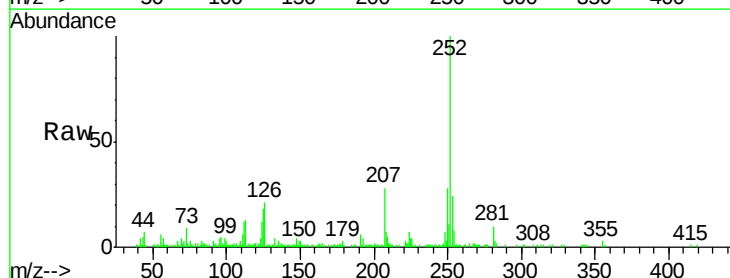
RT: 23.76 min Scan# 3518

Delta R.T. 0.00 min

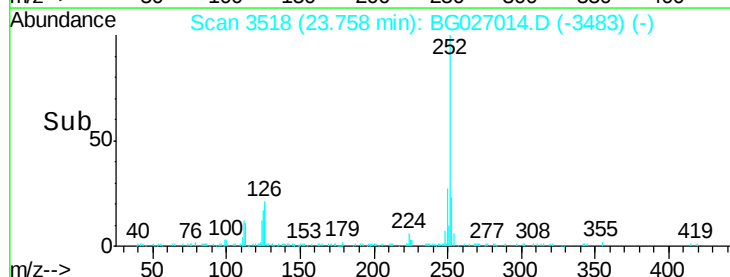
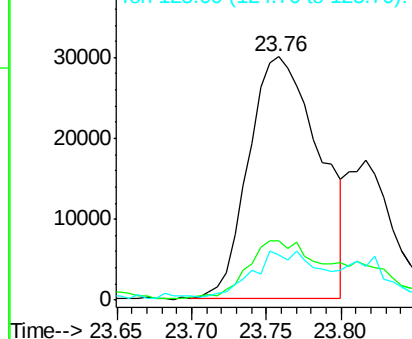
Lab File: BG027014.D

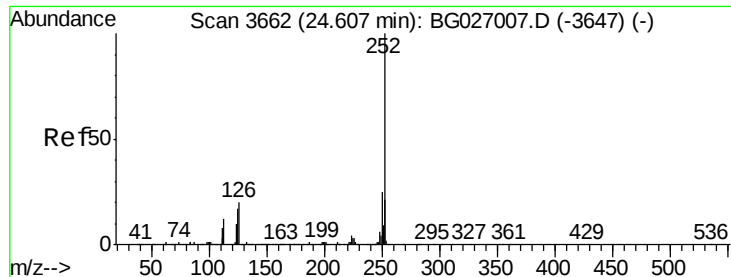
Acq: 18 May 2017 21:54

Tgt Ion:	252	Resp:	98256
Ion Ratio	Lower	Upper	
252	100		
253	24.4	18.0	27.0
125	18.5	8.0	12.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 1.10 ng/ul

RT: 24.60 min Scan# 3662

Delta R.T. -0.00 min

Lab File: BG027014.D

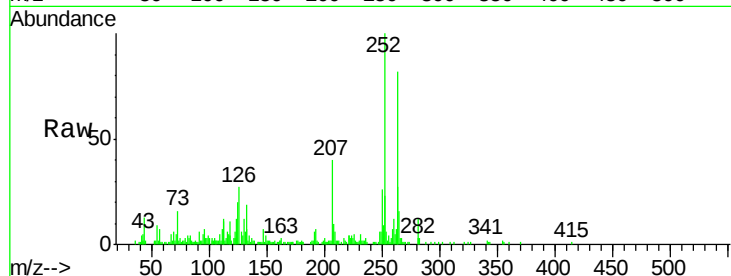
Acq: 18 May 2017 21:54

Instrument :

BNA_G

ClientSampleId :

DAC23



Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.2	25.8
125	19.7	8.2	12.4

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