

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051817\
 Data File : BG027047.D
 Acq On : 19 May 2017 19:40
 Operator : SJ/MA
 Sample : I3137-12
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAC41

Manual Integrations
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 5/22/2017 11:05:53 AM

Quant Time: May 19 23:54:35 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 19 23:42:44 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	201907	20.00	ng/ul	0.00
2) Naphthalene-d8	10.81	136	930952	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	461570	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.36	188	831015	20.00	ng/ul	0.00
17) Chrysene-d12	21.61	240	752112	20.00	ng/ul	0.00
22) Perylene-d12	24.79	264	643403	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	14.32	160	1038382	21.93	ng/ul	0.00
10) Fluorene-d10	15.61	176	658315	20.84	ng/ul	0.00
14) Anthracene-d10	17.45	188	884200m	21.82	ng/ul	0.00
18) Pyrene-d10	19.74	212	842844	21.46	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.57	264	732951	22.93	ng/ul	0.01
Target Compounds						
13) Phenanthrene	17.40	178	72558	1.56	ng/ul	Qvalue 99
16) Fluoranthene	19.41	202	116171	2.45	ng/ul#	88
19) Pyrene	19.77	202	98697	2.01	ng/ul#	89
20) Benzo(a)anthracene	21.59	228	49277	1.09	ng/ul#	94
21) Chrysene	21.66	228	67761	1.63	ng/ul#	93
23) Benzo(b)fluoranthene	23.78	252	79258	2.07	ng/ul#	86
26) Benzo(a)pyrene	24.63	252	38131	1.02	ng/ul#	72

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

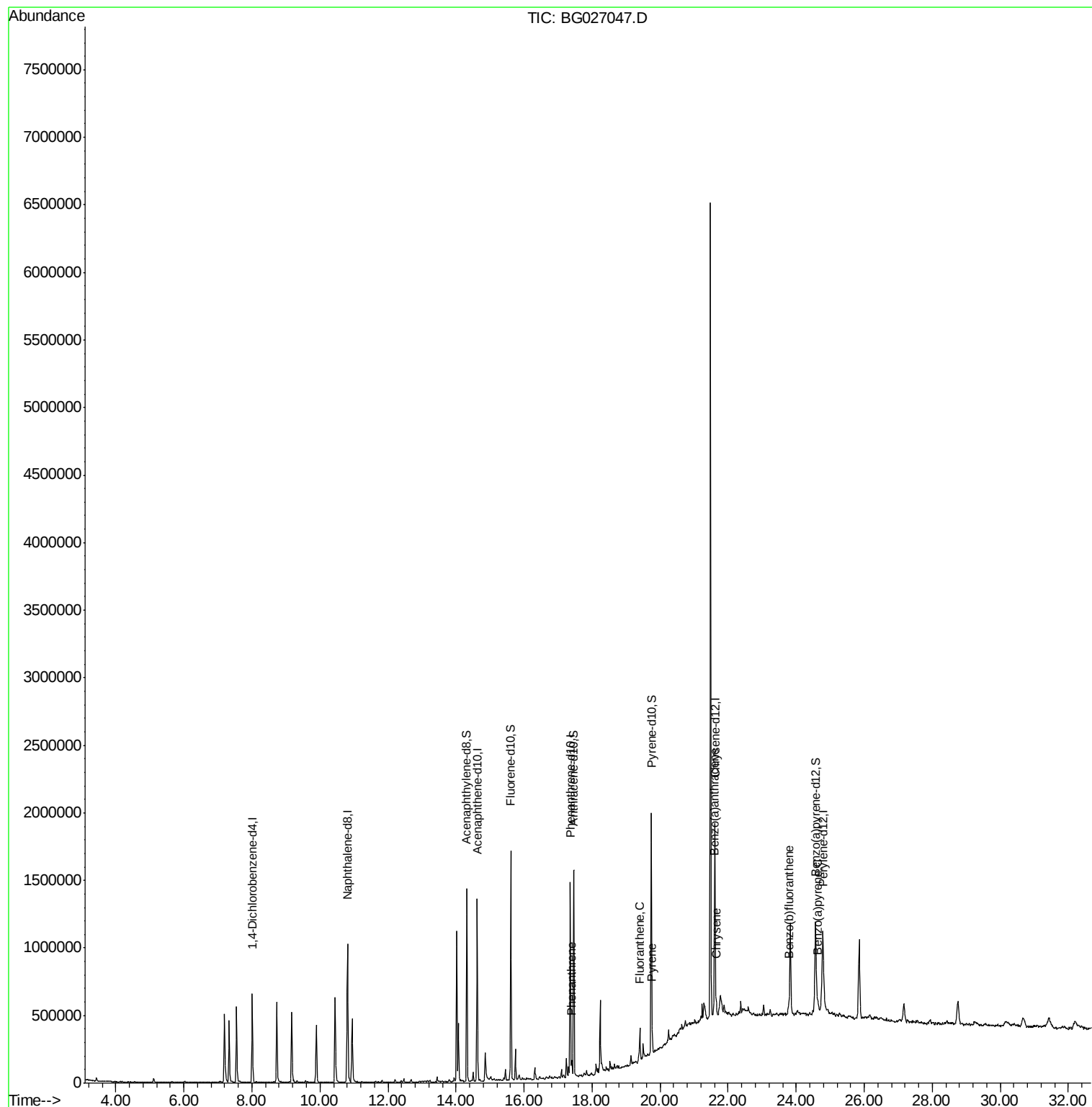
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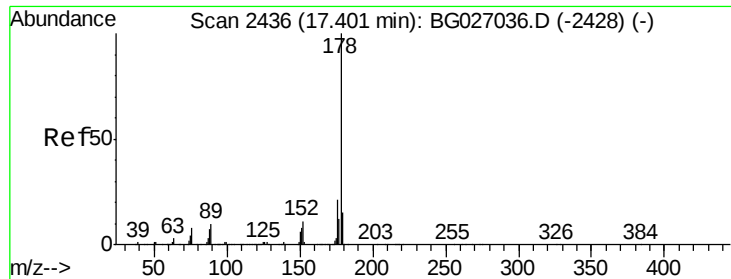
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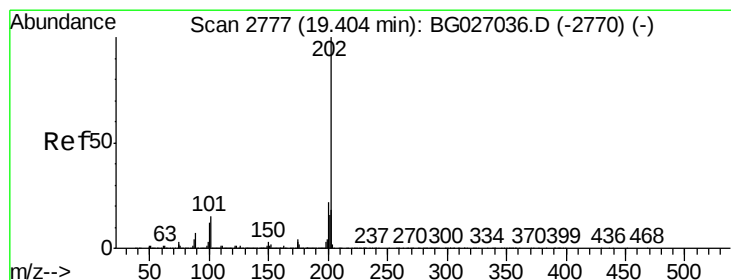
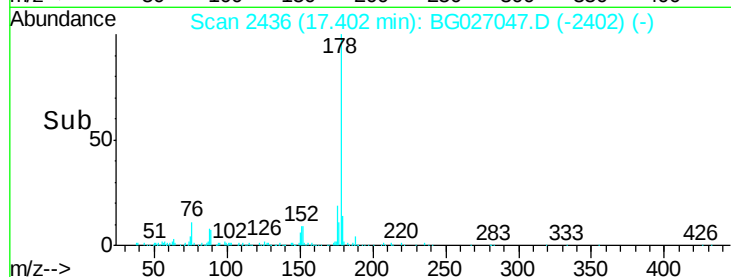
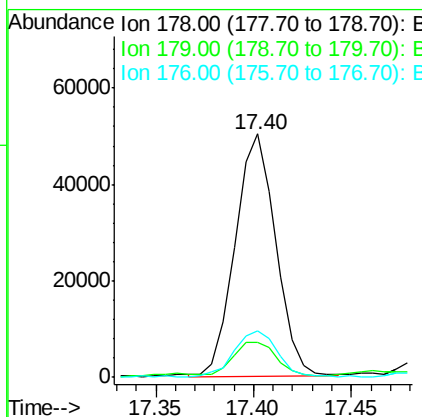
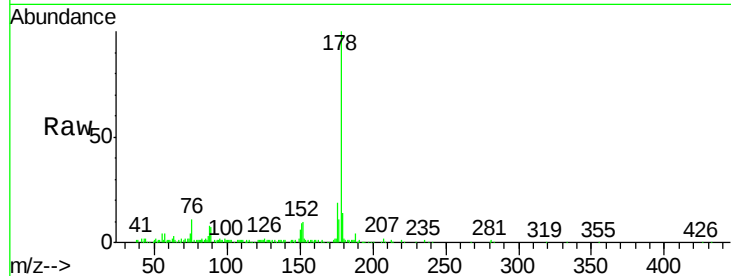
#13
Phenanthrene
Concen: 1.56 ng/ul
RT: 17.40 min Scan# 2436
Delta R.T. 0.00 min
Lab File: BG027047.D
Acq: 19 May 2017 19:40

Instrument :
BNA_G
ClientSampleId :
DAC41

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.2	12.3	18.5
176	18.8	15.1	22.7

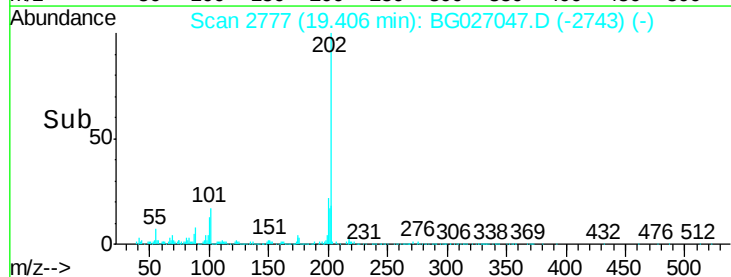
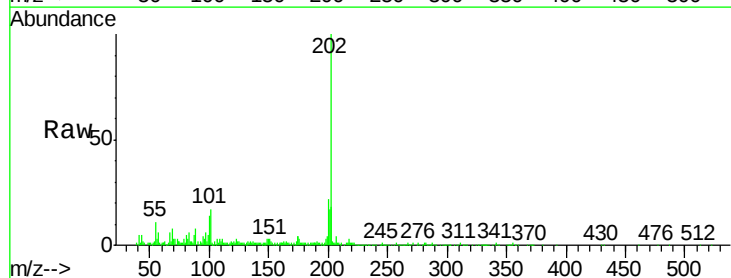
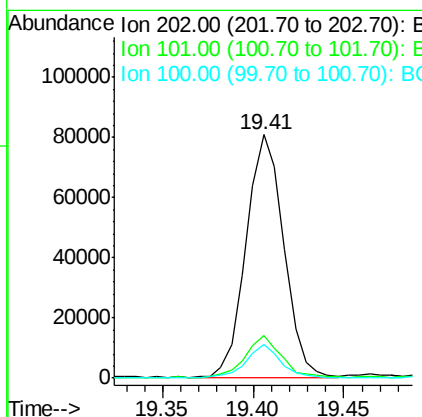
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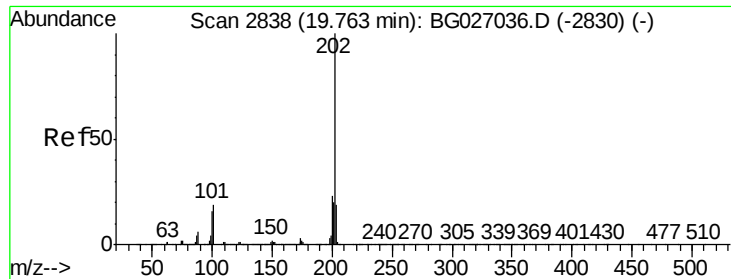
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#16
Fluoranthene
Concen: 2.45 ng/ul
RT: 19.41 min Scan# 2777
Delta R.T. 0.00 min
Lab File: BG027047.D
Acq: 19 May 2017 19:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	17.3	9.9	14.9#
100	13.7	7.4	11.0#





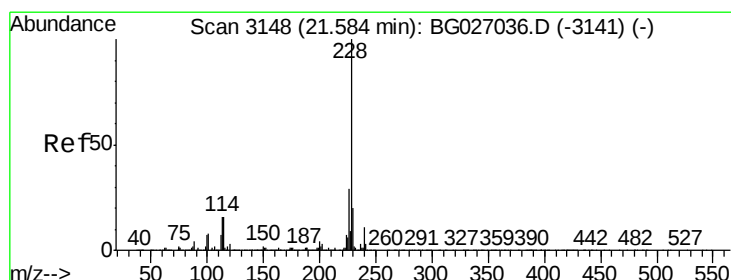
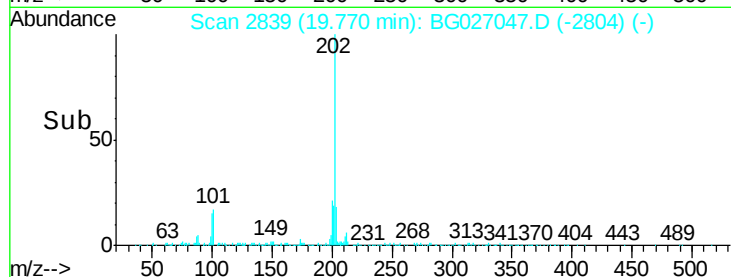
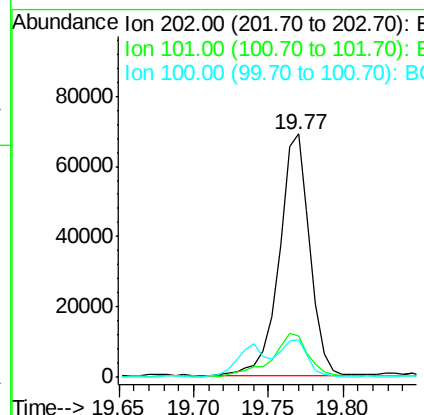
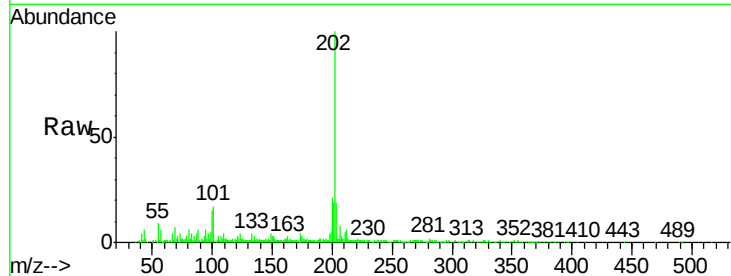
#19
Pyrene
Concen: 2.01 ng/ul
RT: 19.77 min Scan# 2839
Delta R.T. 0.01 min
Lab File: BG027047.D
Acq: 19 May 2017 19:40

Instrument :
BNA_G
ClientSampleId :
DAC41

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	17.0	11.0	16.4#
100	15.5	8.1	12.1#

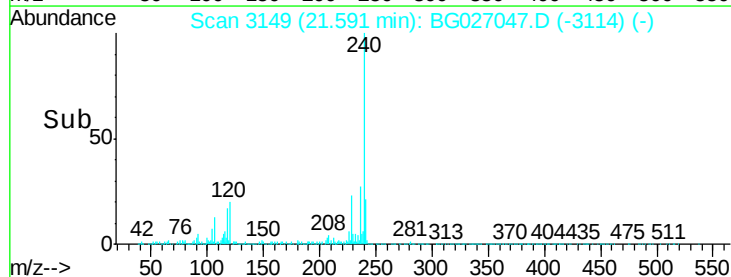
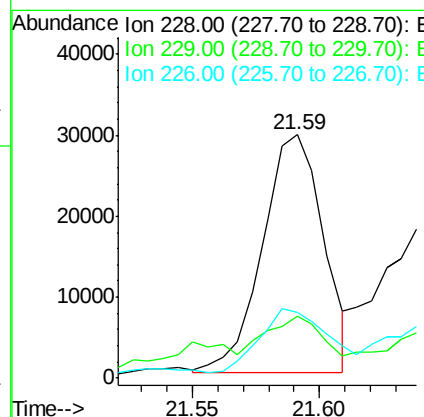
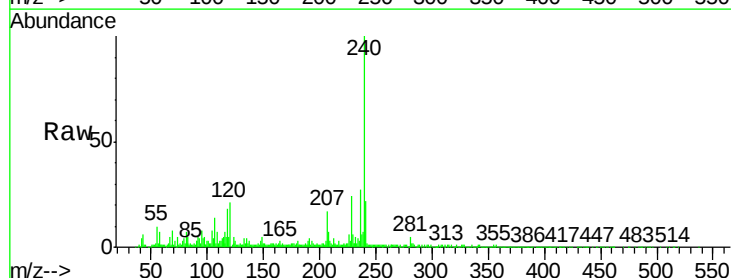
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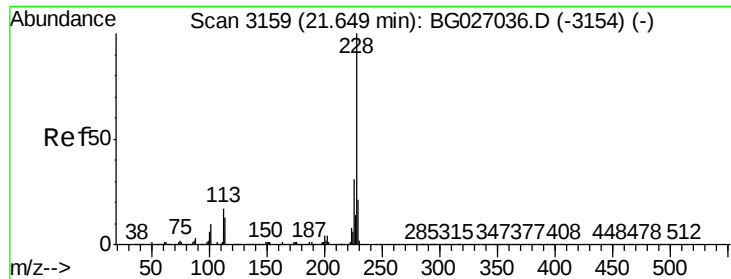
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#20
Benzo(a)anthracene
Concen: 1.09 ng/ul
RT: 21.59 min Scan# 3149
Delta R.T. 0.01 min
Lab File: BG027047.D
Acq: 19 May 2017 19:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	25.6	15.7	23.5#
226	26.8	21.1	31.7





#21

Chrysene

Concen: 1.63 ng/ul

RT: 21.66 min Scan# 3160

Delta R.T. 0.01 min

Lab File: BG027047.D

Acq: 19 May 2017 19:40

Instrument :

BNA_G

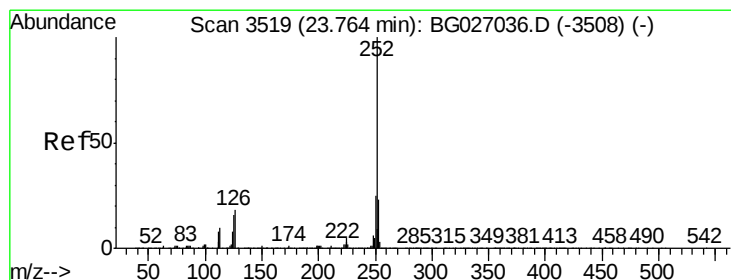
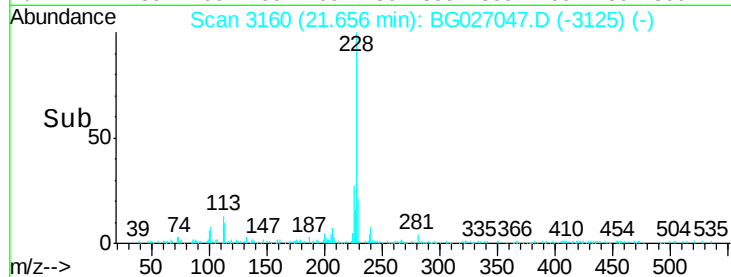
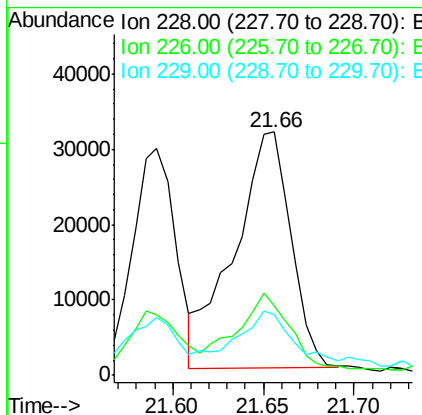
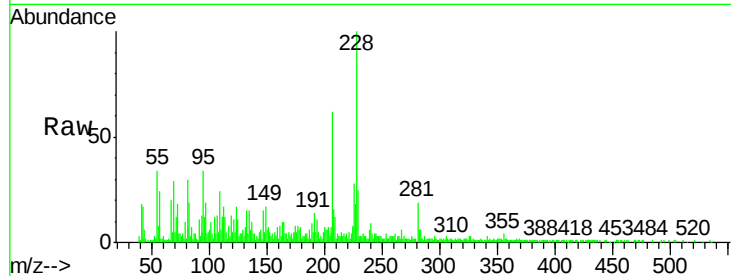
ClientSampleId :

DAC41

Tgt Ion:	228	Resp:	67761
Ion Ratio	Lower	Upper	
228	100		
226	28.4	24.5	36.7
229	25.0	15.8	23.8#

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#23

Benzo(b)fluoranthene

Concen: 2.07 ng/ul

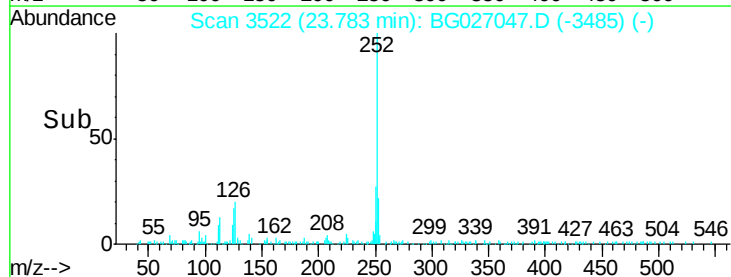
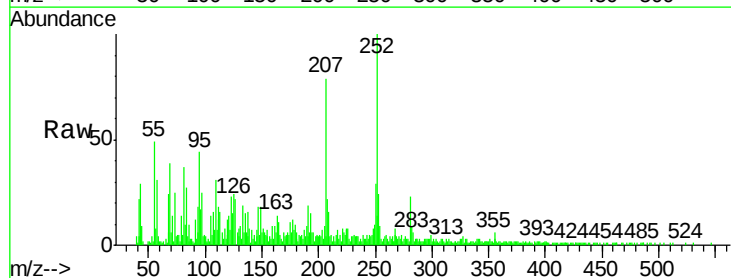
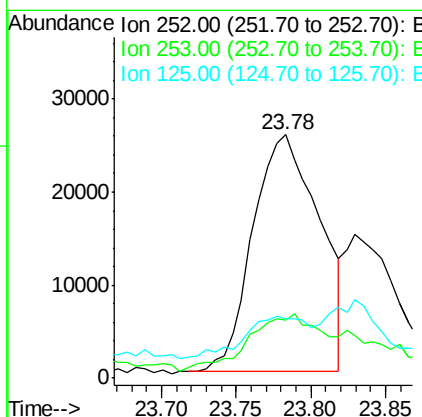
RT: 23.78 min Scan# 3522

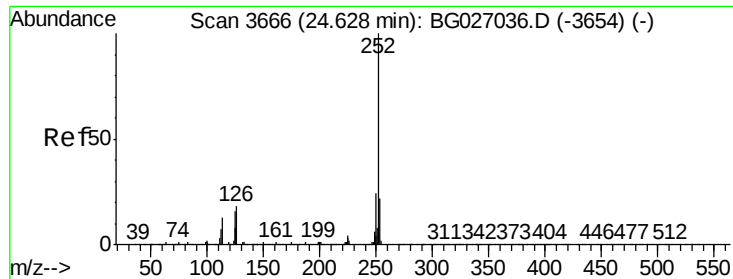
Delta R.T. 0.02 min

Lab File: BG027047.D

Acq: 19 May 2017 19:40

Tgt Ion:	252	Resp:	79258
Ion Ratio	Lower	Upper	
252	100		
253	24.0	18.0	27.0
125	24.2	8.0	12.0#





#26

Benzo(a)pyrene

Concen: 1.02 ng/ul

RT: 24.63 min Scan# 3667

Delta R.T. 0.01 min

Lab File: BG027047.D

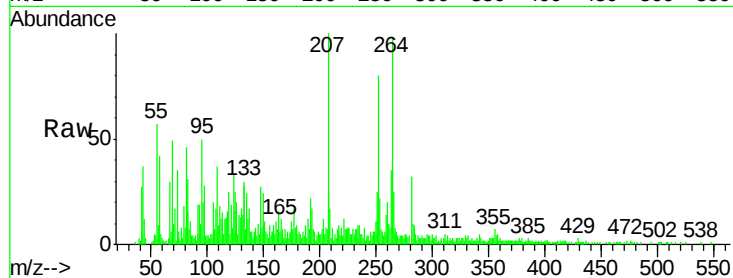
Acq: 19 May 2017 19:40

Instrument :

BNA_G

ClientSampleId :

DAC41



Tgt Ion:	252	Resp:	38131
Ion Ratio	Lower	Upper	
252	100		
253	28.1	17.2	25.8#
125	31.3	8.2	12.4#

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