

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051817\
 Data File : BG027024.D
 Acq On : 19 May 2017 4:30
 Operator : SJ/MA
 Sample : I3136-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAC18

Manual Integrations
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 5/22/2017 11:04:46 AM

Quant Time: May 19 06:39:42 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 19 04:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	196951	20.00	ng/ul	0.00
2) Naphthalene-d8	10.80	136	940794	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	505418	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.35	188	952097	20.00	ng/ul	0.00
17) Chrysene-d12	21.60	240	854593	20.00	ng/ul	0.00
22) Perylene-d12	24.76	264	868110	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.31	160	980625	18.92	ng/ul	0.00
10) Fluorene-d10	15.60	176	639423	18.49	ng/ul	0.00
14) Anthracene-d10	17.45	188	884033m	19.04	ng/ul	0.00
18) Pyrene-d10	19.73	212	864105	19.37	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.55	264	799072	18.53	ng/ul	0.00
Target Compounds						
13) Phenanthrene	17.40	178	74488	1.40	ng/ul	Qvalue 99
16) Fluoranthene	19.40	202	118463	2.18	ng/ul#	93
19) Pyrene	19.76	202	114221	2.04	ng/ul#	88
20) Benzo(a)anthracene	21.58	228	68538	1.33	ng/ul	95
21) Chrysene	21.64	228	74772	1.58	ng/ul	96
23) Benzo(b)fluoranthene	23.76	252	105756	2.05	ng/ul#	92
26) Benzo(a)pyrene	24.61	252	67913	1.35	ng/ul#	91

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

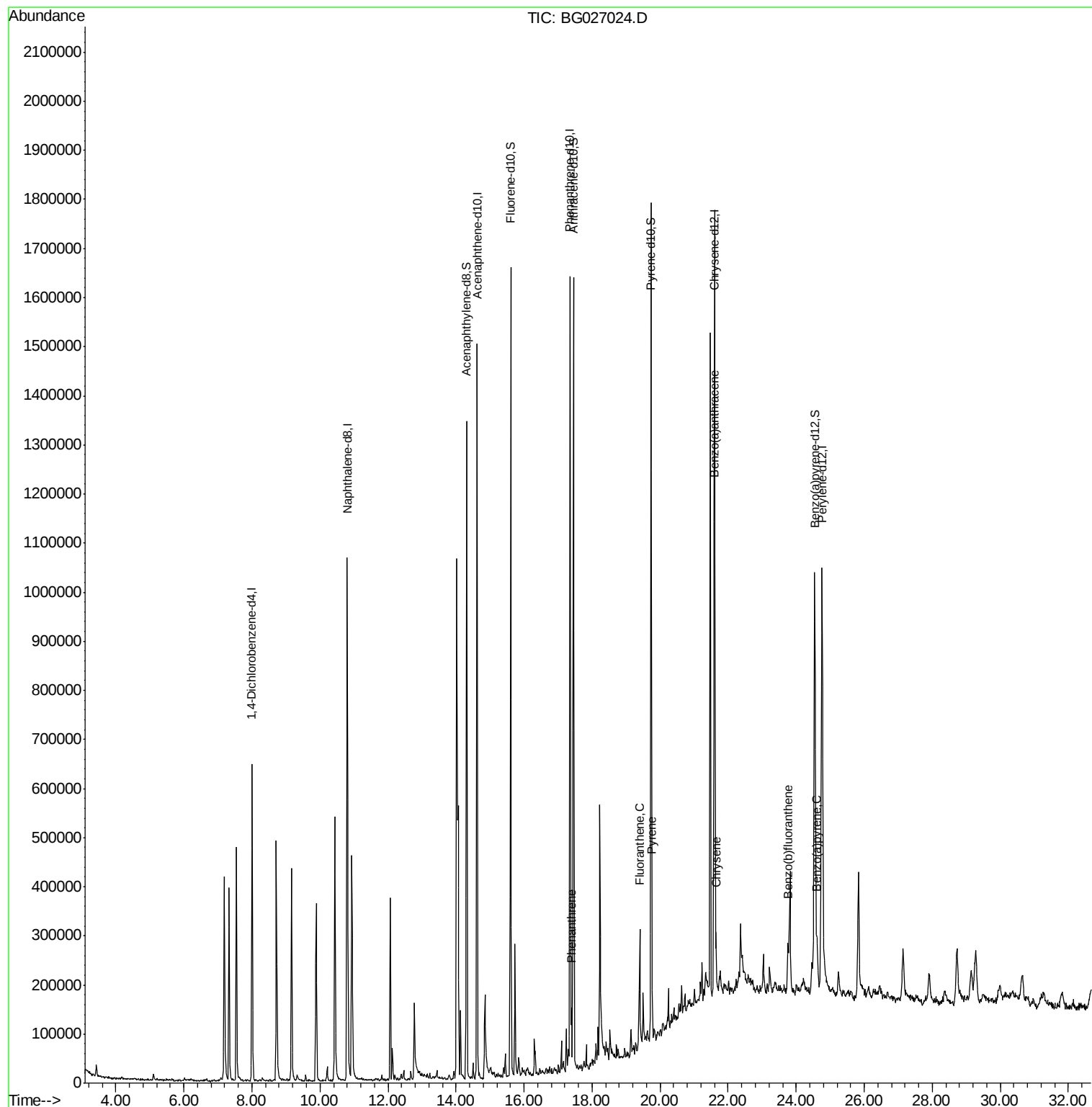
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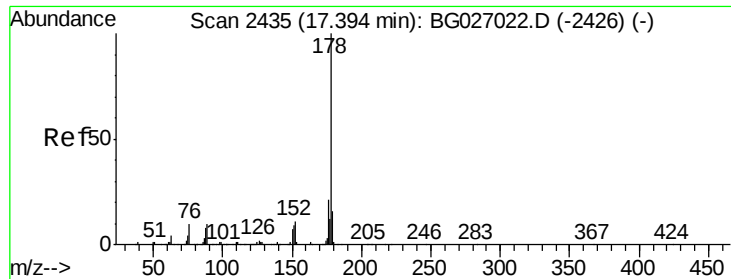
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#13

Phenanthrene

Concen: 1.40 ng/ul

RT: 17.40 min Scan# 2435

Delta R.T. 0.00 min

Lab File: BG027024.D

Acq: 19 May 2017 4:30

Instrument :

BNA_G

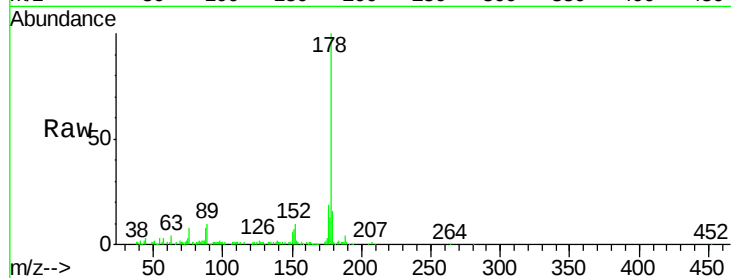
ClientSampleId :

DAC18

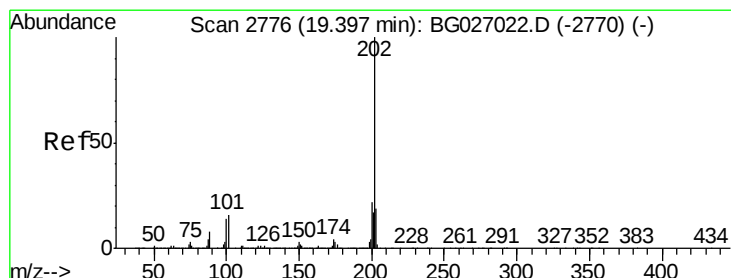
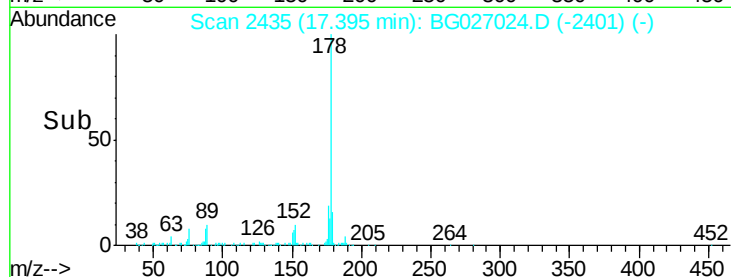
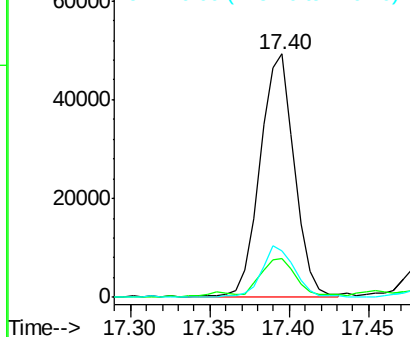
Tgt Ion:	178	Resp:	74488
Ion Ratio	Lower	Upper	
178	100		
179	16.1	12.3	18.5
176	19.2	15.1	22.7

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#16

Fluoranthene

Concen: 2.18 ng/ul

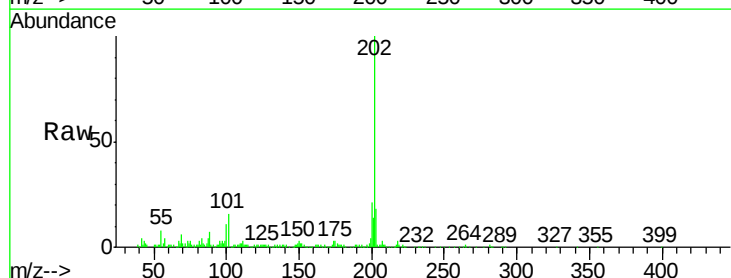
RT: 19.40 min Scan# 2776

Delta R.T. 0.00 min

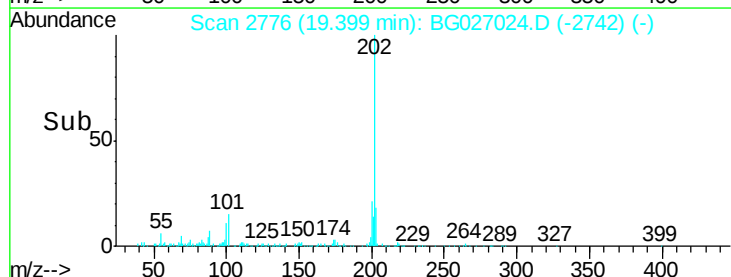
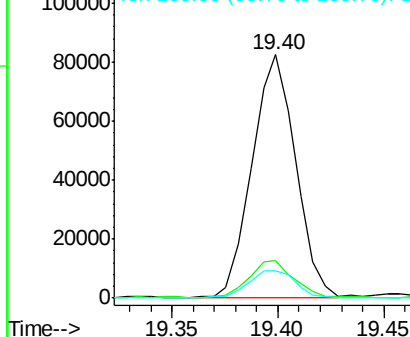
Lab File: BG027024.D

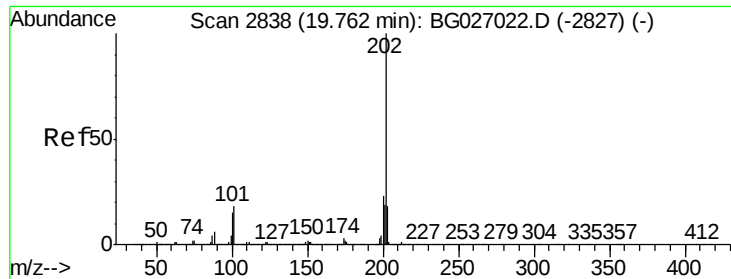
Acq: 19 May 2017 4:30

Tgt Ion:	202	Resp:	118463
Ion Ratio	Lower	Upper	
202	100		
101	15.6	9.9	14.9#
100	11.4	7.4	11.0#



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





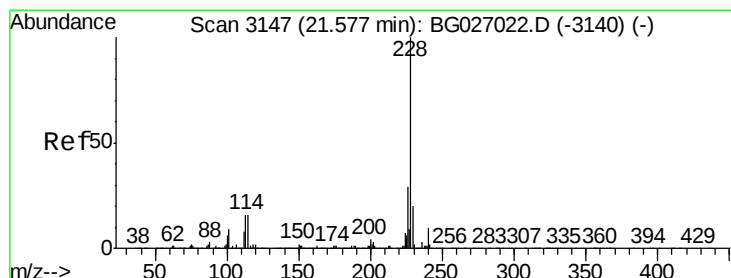
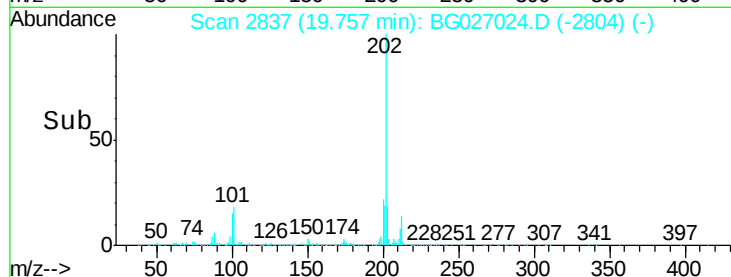
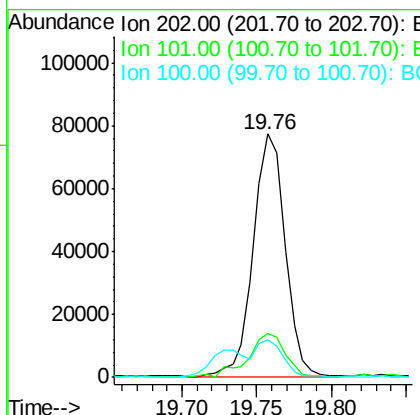
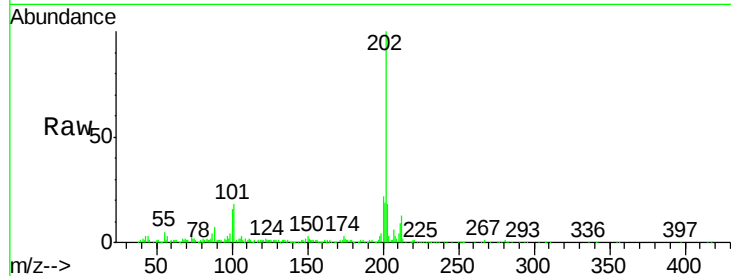
#19
Pyrene
Concen: 2.04 ng/ul
RT: 19.76 min Scan# 2837
Delta R.T. -0.00 min
Lab File: BG027024.D
Acq: 19 May 2017 4:30

Instrument :
BNA_G
ClientSampleId :
DAC18

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	18.1	11.0	16.4#
100	15.5	8.1	12.1#

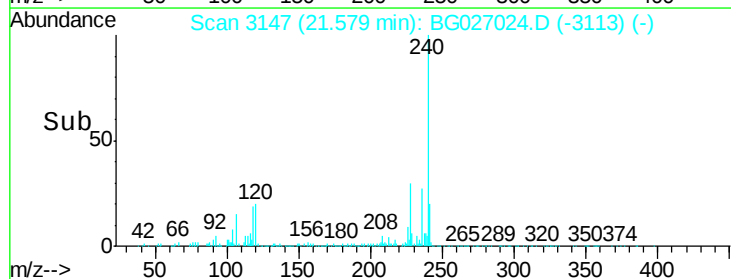
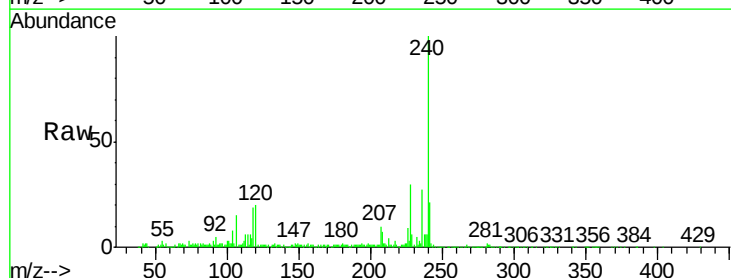
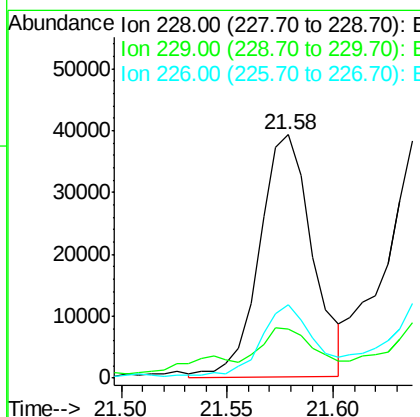
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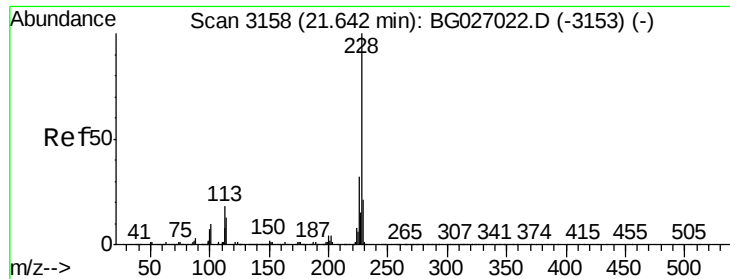
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#20
Benzo(a)anthracene
Concen: 1.33 ng/ul
RT: 21.58 min Scan# 3147
Delta R.T. 0.00 min
Lab File: BG027024.D
Acq: 19 May 2017 4:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.2	15.7	23.5
226	30.1	21.1	31.7





#21

Chrysene

Concen: 1.58 ng/ul

RT: 21.64 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BG027024.D

Acq: 19 May 2017 4:30

Instrument :

BNA_G

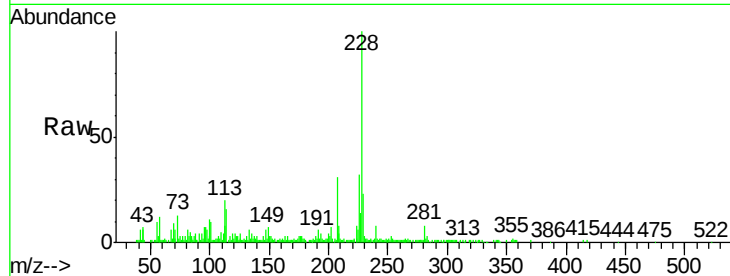
ClientSampleId :

DAC18

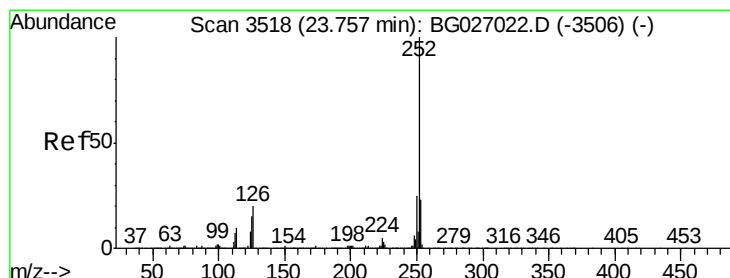
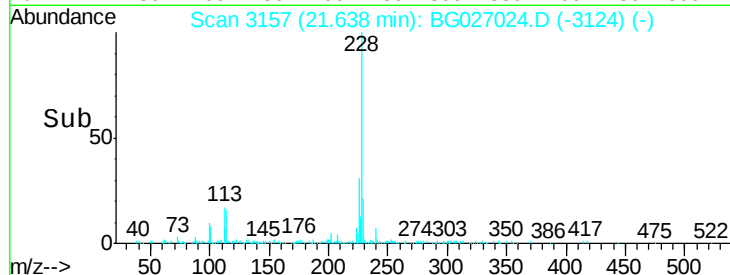
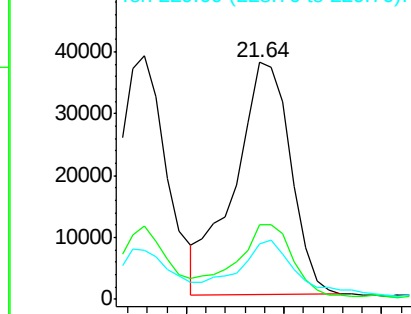
Tgt Ion:	228	Resp:	74772
Ion Ratio	Lower	Upper	
228	100		
226	31.8	24.5	36.7
229	23.3	15.8	23.8

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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: 2.05 ng/ul

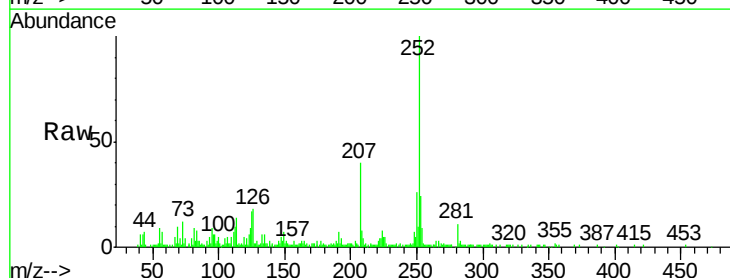
RT: 23.76 min Scan# 3518

Delta R.T. 0.00 min

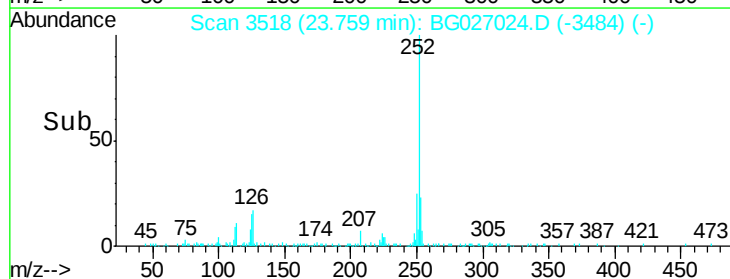
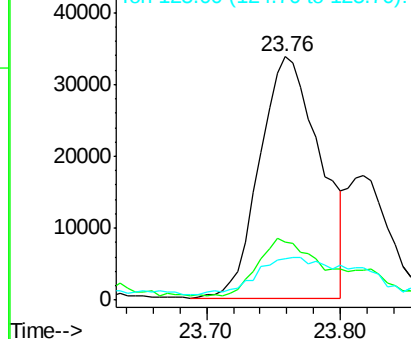
Lab File: BG027024.D

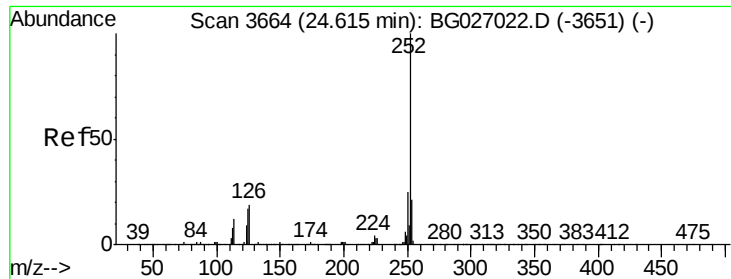
Acq: 19 May 2017 4:30

Tgt Ion:	252	Resp:	105756
Ion Ratio	Lower	Upper	
252	100		
253	23.7	18.0	27.0
125	17.1	8.0	12.0#



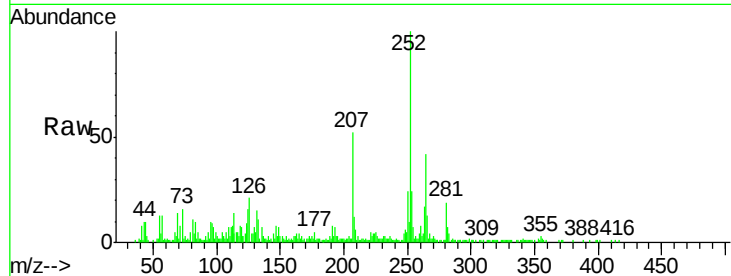
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#26
Benzo(a)pyrene
Concen: 1.35 ng/ul
RT: 24.61 min Scan# 3663
Delta R.T. -0.00 min
Lab File: BG027024.D
Acq: 19 May 2017 4:30

Instrument :
BNA_G
ClientSampleId :
DAC18



Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.2	25.8
125	16.2	8.2	12.4

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