

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051817\
 Data File : BG027031.D
 Acq On : 19 May 2017 9:06
 Operator : SJ/MA
 Sample : I3136-15
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAC25

Manual Integrations
 APPROVED

mohammad
 5/22/2017 11:05:05 AM

Quant Time: May 19 11:08:36 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	8.00	152	205214	20.00	ng/ul	0.00
2) Naphthalene-d8	10.81	136	986057	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	518567	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.36	188	928250	20.00	ng/ul	0.00
17) Chrysene-d12	21.60	240	847397	20.00	ng/ul	0.00
22) Perylene-d12	24.77	264	819530	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.31	160	1149040	21.60	ng/ul	0.00
10) Fluorene-d10	15.61	176	725805	20.45	ng/ul	0.00
14) Anthracene-d10	17.45	188	1020378m	22.55	ng/ul	0.00
18) Pyrene-d10	19.74	212	974938	22.03	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.55	264	892912	21.93	ng/ul	0.00
Target Compounds						
13) Phenanthrene	17.40	178	196398	3.78	ng/ul	Qvalue 99
16) Fluoranthene	19.40	202	347501	6.55	ng/ul#	94
19) Pyrene	19.77	202	310457	5.61	ng/ul#	91
20) Benzo(a)anthracene	21.58	228	148103	2.90	ng/ul#	93
21) Chrysene	21.65	228	207270	4.42	ng/ul	97
23) Benzo(b)fluoranthene	23.77	252	297448	6.11	ng/ul#	91
24) Benzo(k)fluoranthene	23.82	252	104988m	2.10	ng/ul	
26) Benzo(a)pyrene	24.62	252	164491	3.45	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	28.39	276	96466	2.20	ng/ul#	88
29) Benzo(g,h,i)perylene	29.51	276	93484m	2.68	ng/ul	

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

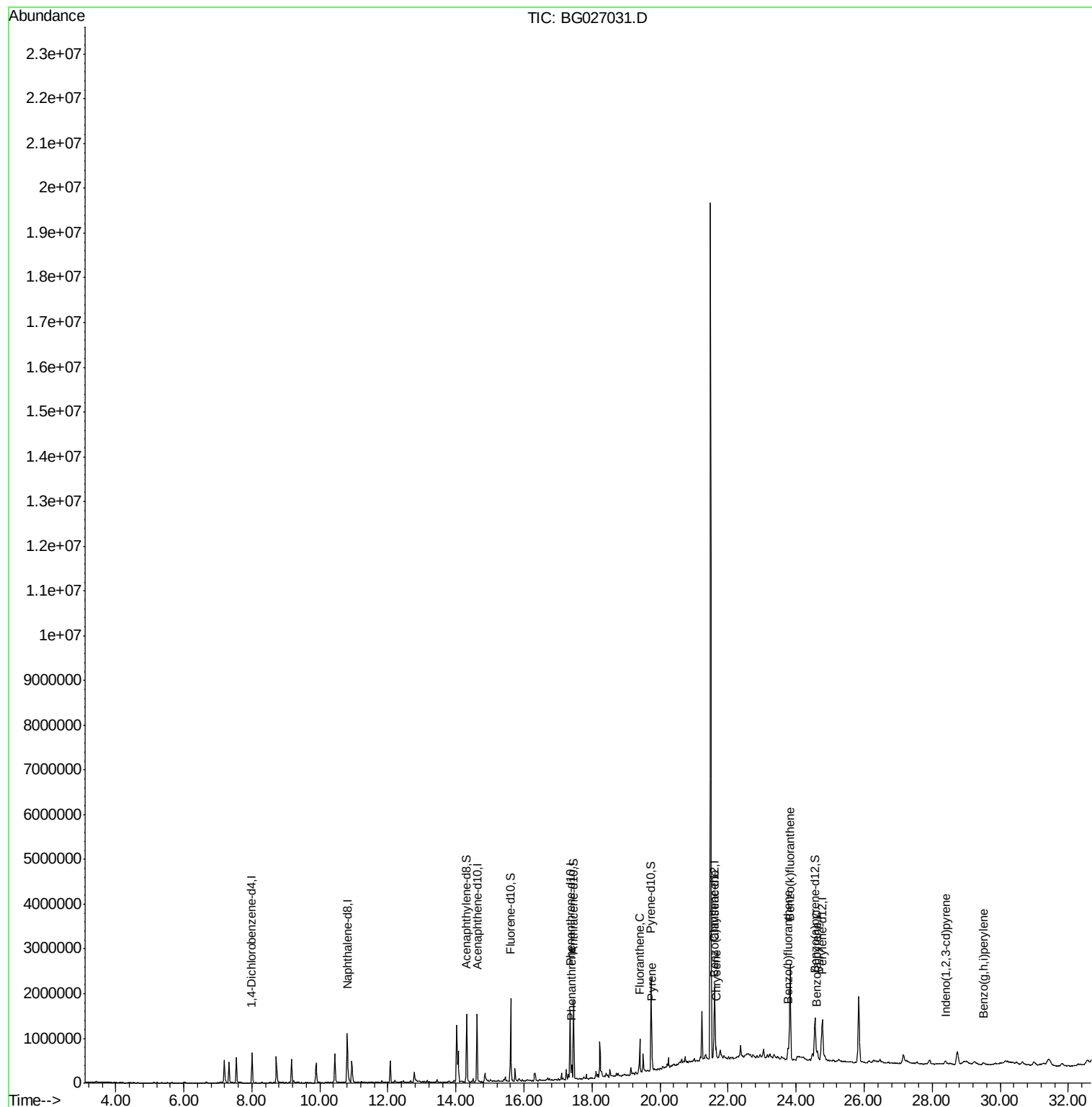
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051817\
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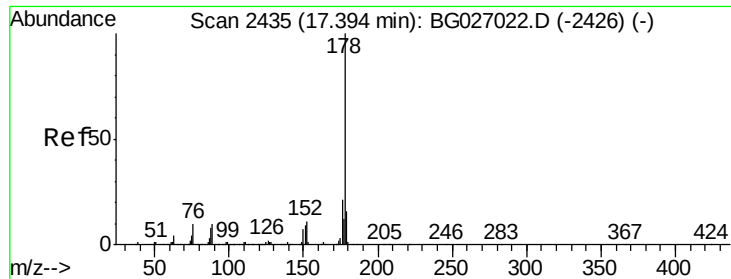
Instrument :
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#13

Phenanthrene

Concen: 3.78 ng/ul

RT: 17.40 min Scan# 2435

Delta R.T. 0.00 min

Lab File: BG027031.D

Acq: 19 May 2017 9:06

Instrument :

BNA_G

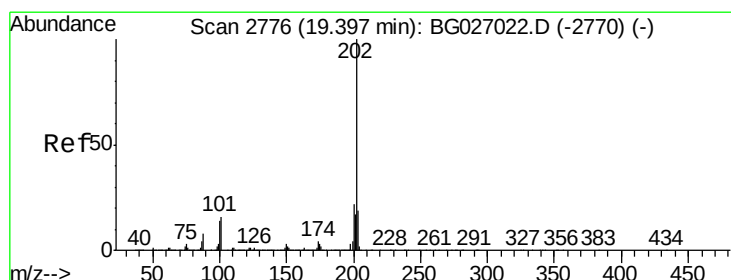
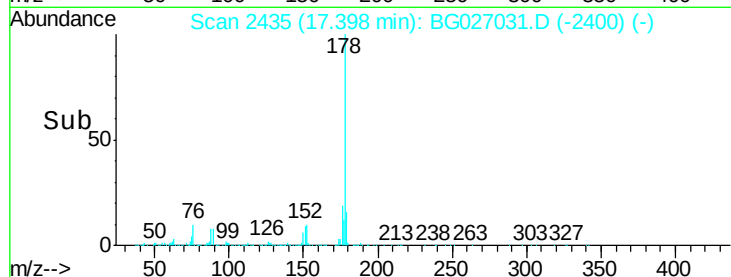
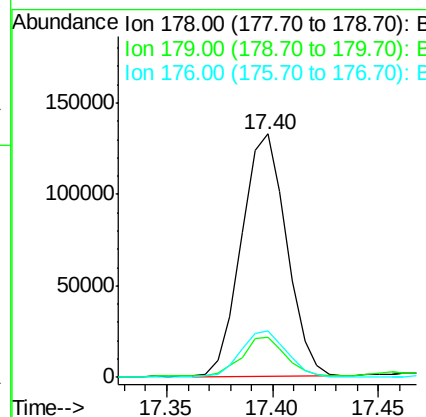
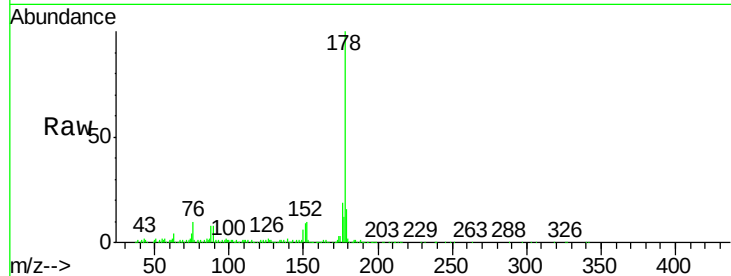
ClientSampleId :

DAC25

Tgt Ion:	178	Resp:	196398
Ion Ratio	Lower	Upper	
178	100		
179	16.3	12.3	18.5
176	19.1	15.1	22.7

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#16

Fluoranthene

Concen: 6.55 ng/ul

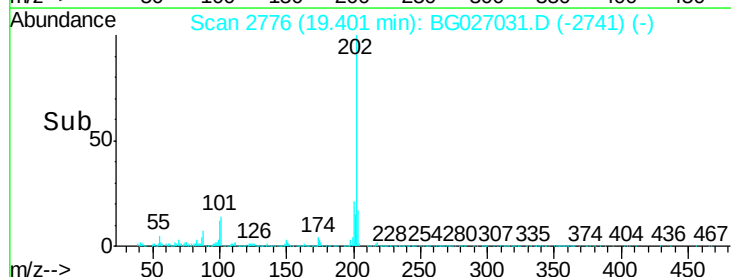
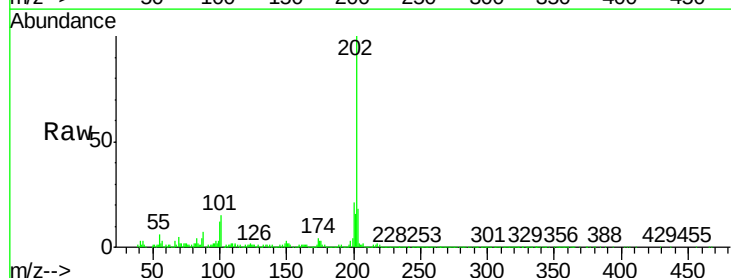
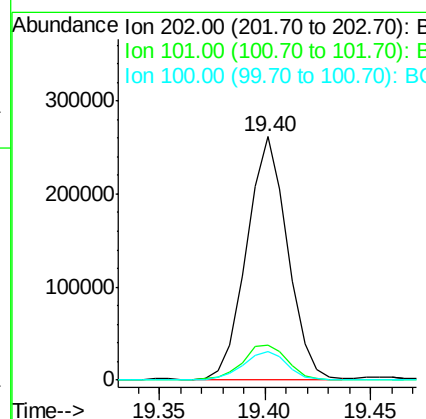
RT: 19.40 min Scan# 2776

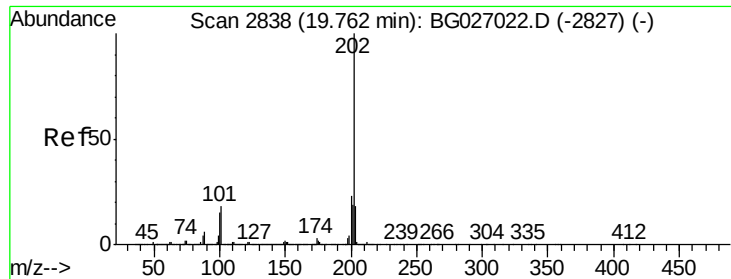
Delta R.T. 0.00 min

Lab File: BG027031.D

Acq: 19 May 2017 9:06

Tgt Ion:	202	Resp:	347501
Ion Ratio	Lower	Upper	
202	100		
101	14.5	9.9	14.9
100	11.8	7.4	11.0#





#19

Pyrene

Concen: 5.61 ng/ul

RT: 19.77 min Scan# 2838

Delta R.T. 0.00 min

Lab File: BG027031.D

Acq: 19 May 2017 9:06

Instrument :

BNA_G

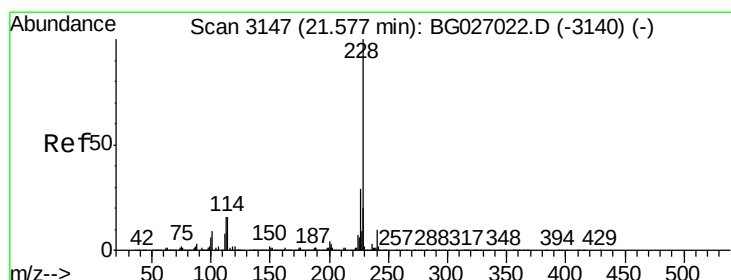
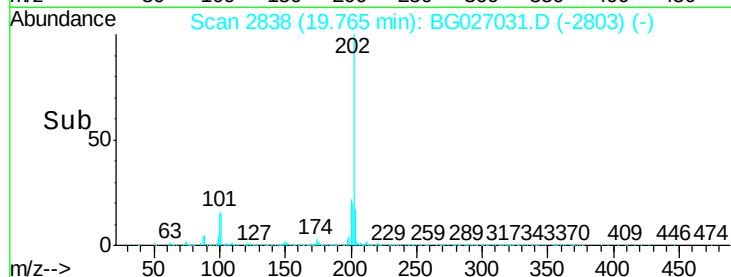
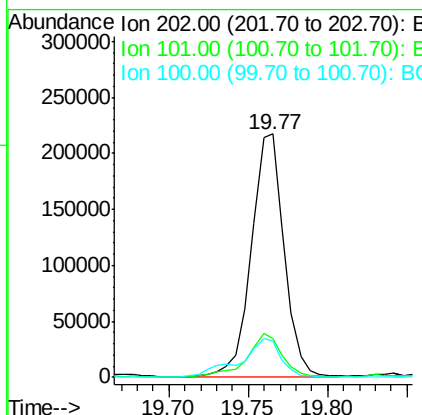
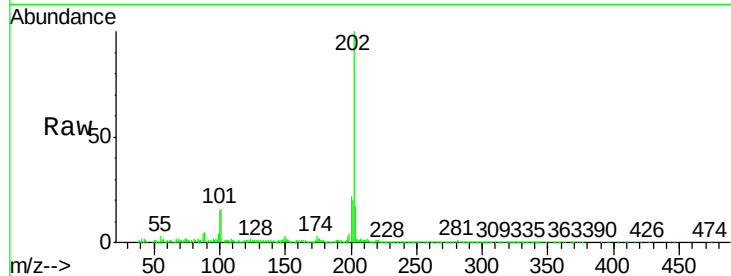
ClientSampleId :

DAC25

Tgt Ion:	202	Resp:	310457
Ion Ratio	Lower	Upper	
202	100		
101	16.2	11.0	16.4
100	14.7	8.1	12.1#

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#20

Benzo(a)anthracene

Concen: 2.90 ng/ul

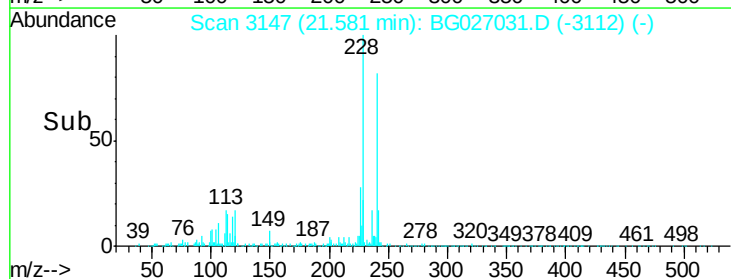
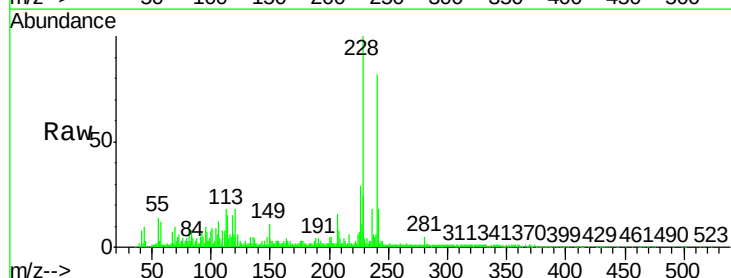
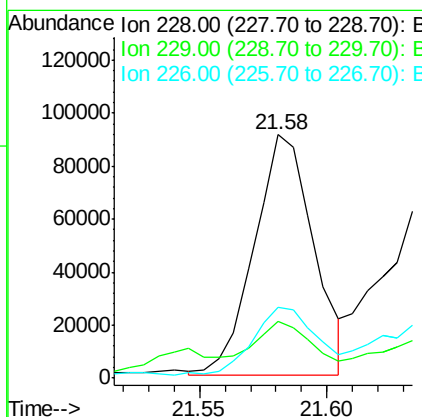
RT: 21.58 min Scan# 3147

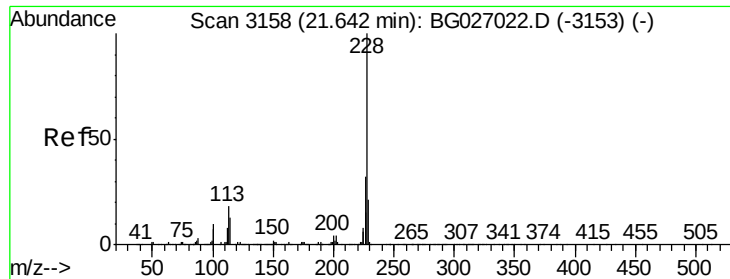
Delta R.T. 0.00 min

Lab File: BG027031.D

Acq: 19 May 2017 9:06

Tgt Ion:	228	Resp:	148103
Ion Ratio	Lower	Upper	
228	100		
229	23.5	15.7	23.5#
226	28.9	21.1	31.7





#21

Chrysene

Concen: 4.42 ng/ul

RT: 21.65 min Scan# 3158

Delta R.T. 0.00 min

Lab File: BG027031.D

Acq: 19 May 2017 9:06

Instrument :

BNA_G

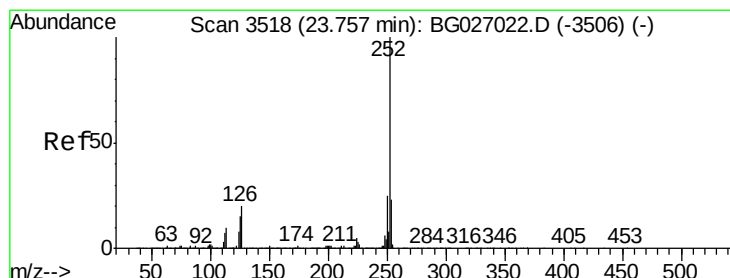
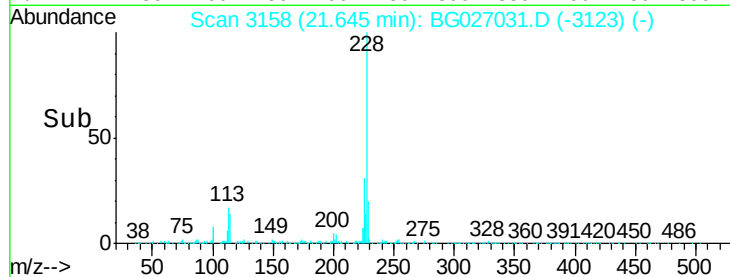
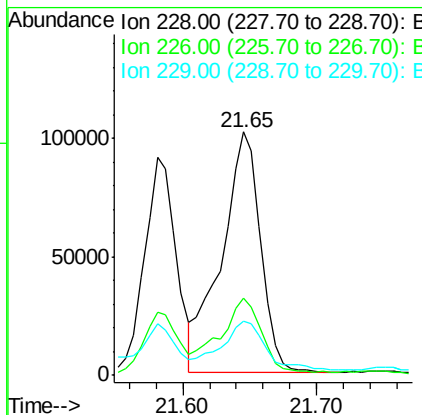
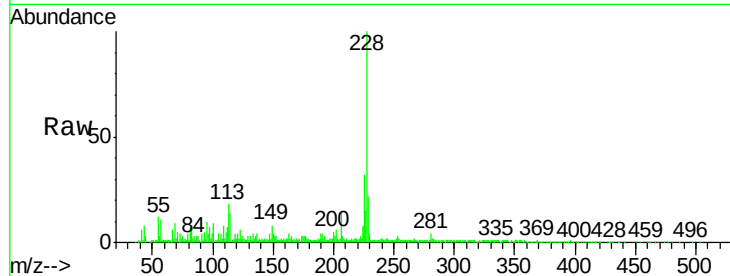
ClientSampleId :

DAC25

Tgt Ion:	228	Resp:	207270
Ion Ratio	Lower	Upper	
228	100		
226	31.8	24.5	36.7
229	22.0	15.8	23.8

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#23

Benzo(b)fluoranthene

Concen: 6.11 ng/ul

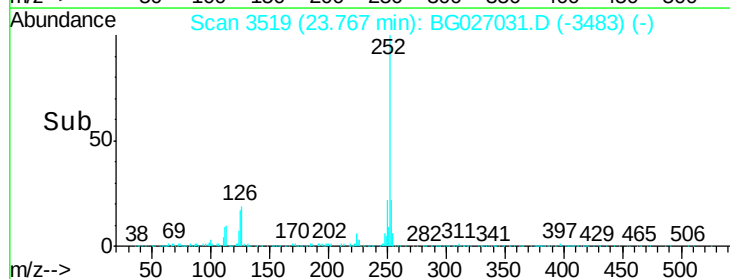
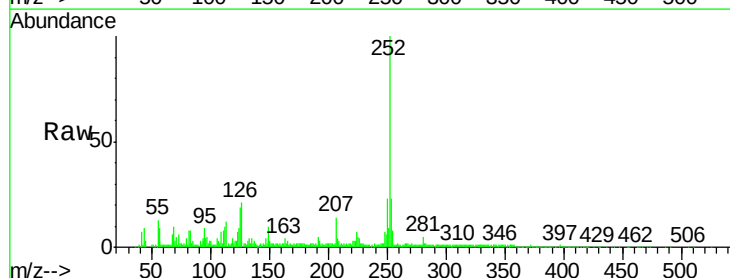
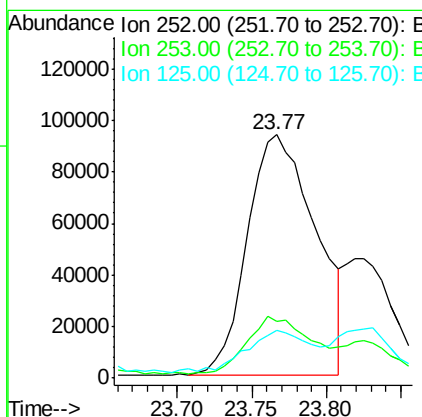
RT: 23.77 min Scan# 3519

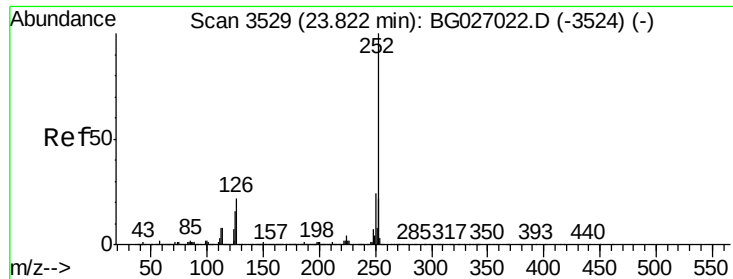
Delta R.T. 0.01 min

Lab File: BG027031.D

Acq: 19 May 2017 9:06

Tgt Ion:	252	Resp:	297448
Ion Ratio	Lower	Upper	
252	100		
253	23.1	18.0	27.0
125	19.4	8.0	12.0#





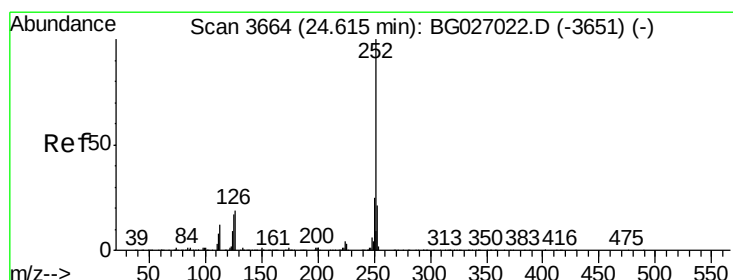
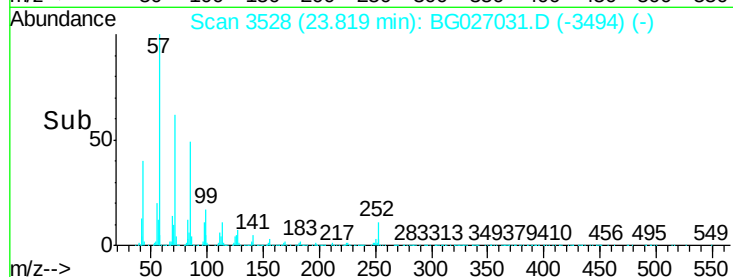
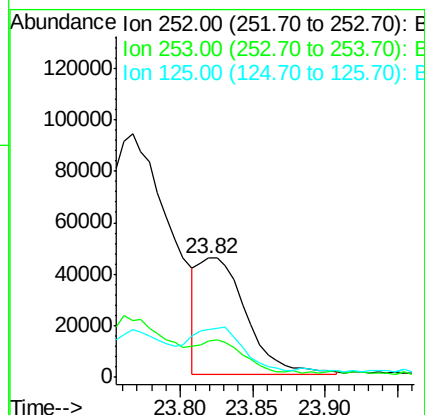
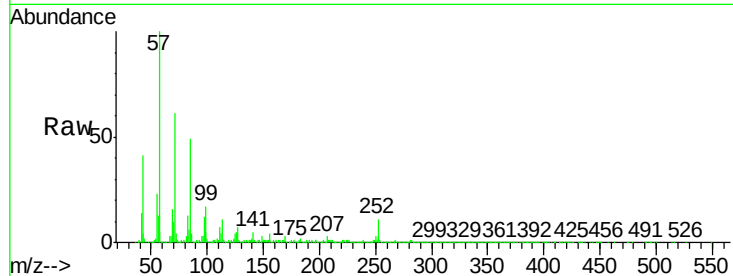
#24
Benzo(k)fluoranthene
Concen: 2.10 ng/ul m
RT: 23.82 min Scan# 3528
Delta R.T. -0.00 min
Lab File: BG027031.D
Acq: 19 May 2017 9:06

Instrument :
BNA_G
ClientSampleId :
DAC25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.0	18.0	27.0#
125	39.7	8.1	12.1#

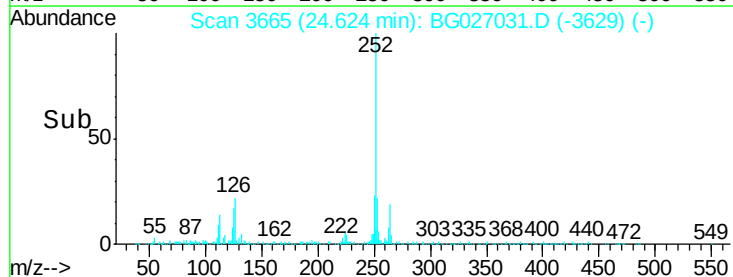
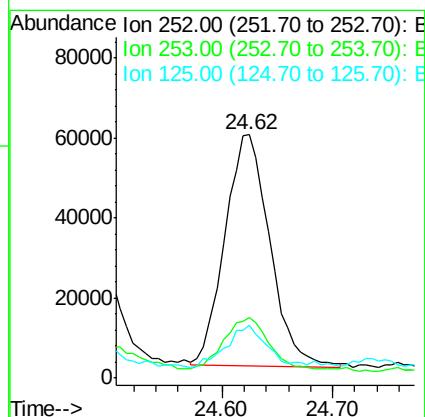
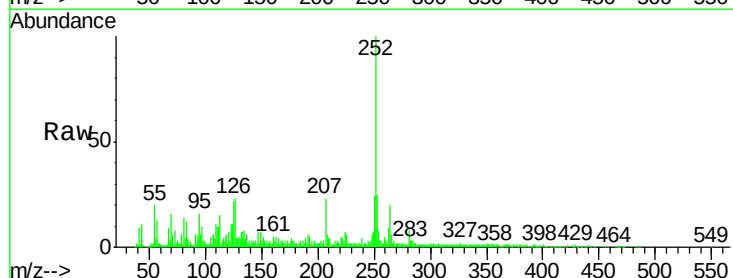
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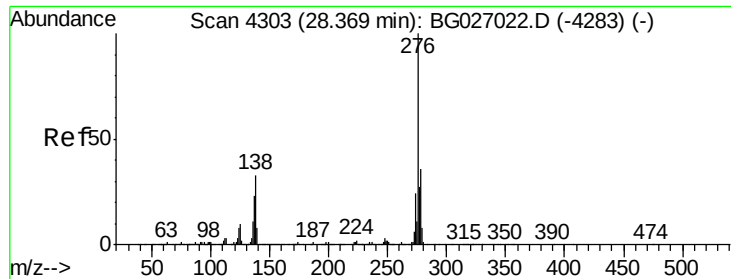
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#26
Benzo(a)pyrene
Concen: 3.45 ng/ul
RT: 24.62 min Scan# 3665
Delta R.T. 0.01 min
Lab File: BG027031.D
Acq: 19 May 2017 9:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.2	25.8
125	21.8	8.2	12.4#





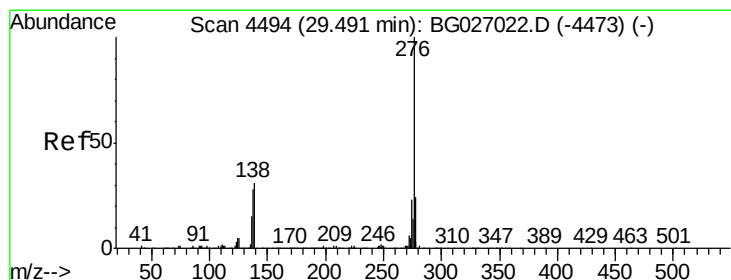
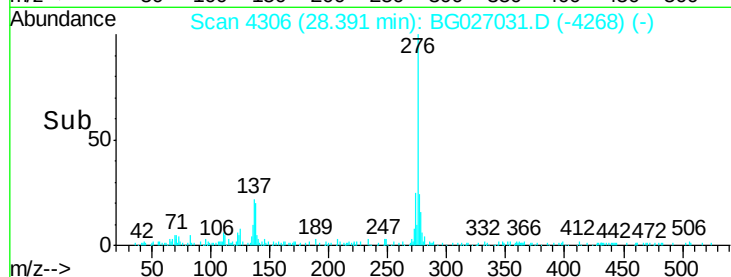
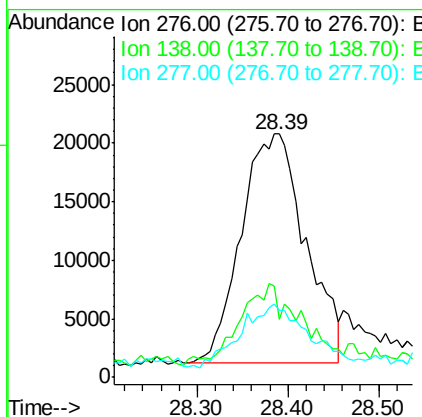
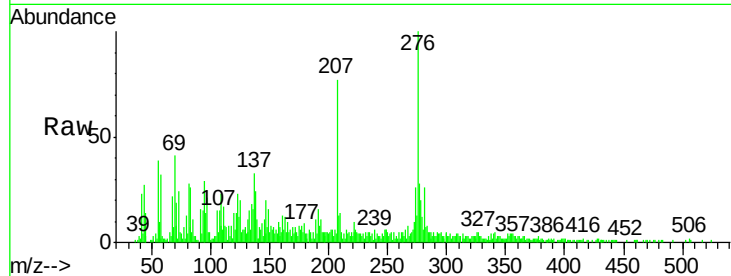
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 2.20 ng/ul
 RT: 28.39 min Scan# 4306
 Delta R.T. 0.02 min
 Lab File: BG027031.D
 Acq: 19 May 2017 9:06

Instrument :
 BNA_G
 ClientSampleId :
 DAC25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.9	14.4	21.6#
277	27.6	18.0	27.0#

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#29
 Benzo(g,h,i)perylene
 Concen: 2.68 ng/ul m
 RT: 29.51 min Scan# 4497
 Delta R.T. 0.02 min
 Lab File: BG027031.D
 Acq: 19 May 2017 9:06

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.4	15.3	22.9#
277	29.5	19.0	28.4#

