

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051817\
 Data File : BG027025.D
 Acq On : 19 May 2017 5:09
 Operator : SJ/MA
 Sample : I3136-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAC13

Manual Integrations
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 5/22/2017 11:04:48 AM

Quant Time: May 19 13:55:09 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	198108	20.00	ng/ul	0.00
2) Naphthalene-d8	10.81	136	932802	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.61	164	498246	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.35	188	918408	20.00	ng/ul	0.00
17) Chrysene-d12	21.60	240	804731	20.00	ng/ul	0.00
22) Perylene-d12	24.76	264	829692	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.31	160	736645	14.41	ng/ul	0.00
10) Fluorene-d10	15.61	176	475409	13.94	ng/ul	0.00
14) Anthracene-d10	17.45	188	639608m	14.28	ng/ul	0.00
18) Pyrene-d10	19.73	212	629711	14.99	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.54	264	580301	14.08	ng/ul	0.00
Target Compounds						
13) Phenanthrene	17.39	178	351560	6.85	ng/ul	Qvalue 99
15) Anthracene	17.49	178	59425m	1.13	ng/ul	
16) Fluoranthene	19.40	202	699535	13.33	ng/ul#	94
19) Pyrene	19.76	202	631798	12.01	ng/ul#	89
20) Benzo(a)anthracene	21.57	228	439304	9.06	ng/ul	98
21) Chrysene	21.65	228	516528	11.60	ng/ul	97
23) Benzo(b)fluoranthene	23.76	252	865172	17.55	ng/ul#	94
24) Benzo(k)fluoranthene	23.82	252	287868m	5.68	ng/ul	
26) Benzo(a)pyrene	24.61	252	539253	11.18	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	28.37	276	338474	7.63	ng/ul#	89
28) Dibenzo(a,h)anthracene	28.41	278	100145m	2.62	ng/ul	
29) Benzo(g,h,i)perylene	29.49	276	297705	8.44	ng/ul#	90

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

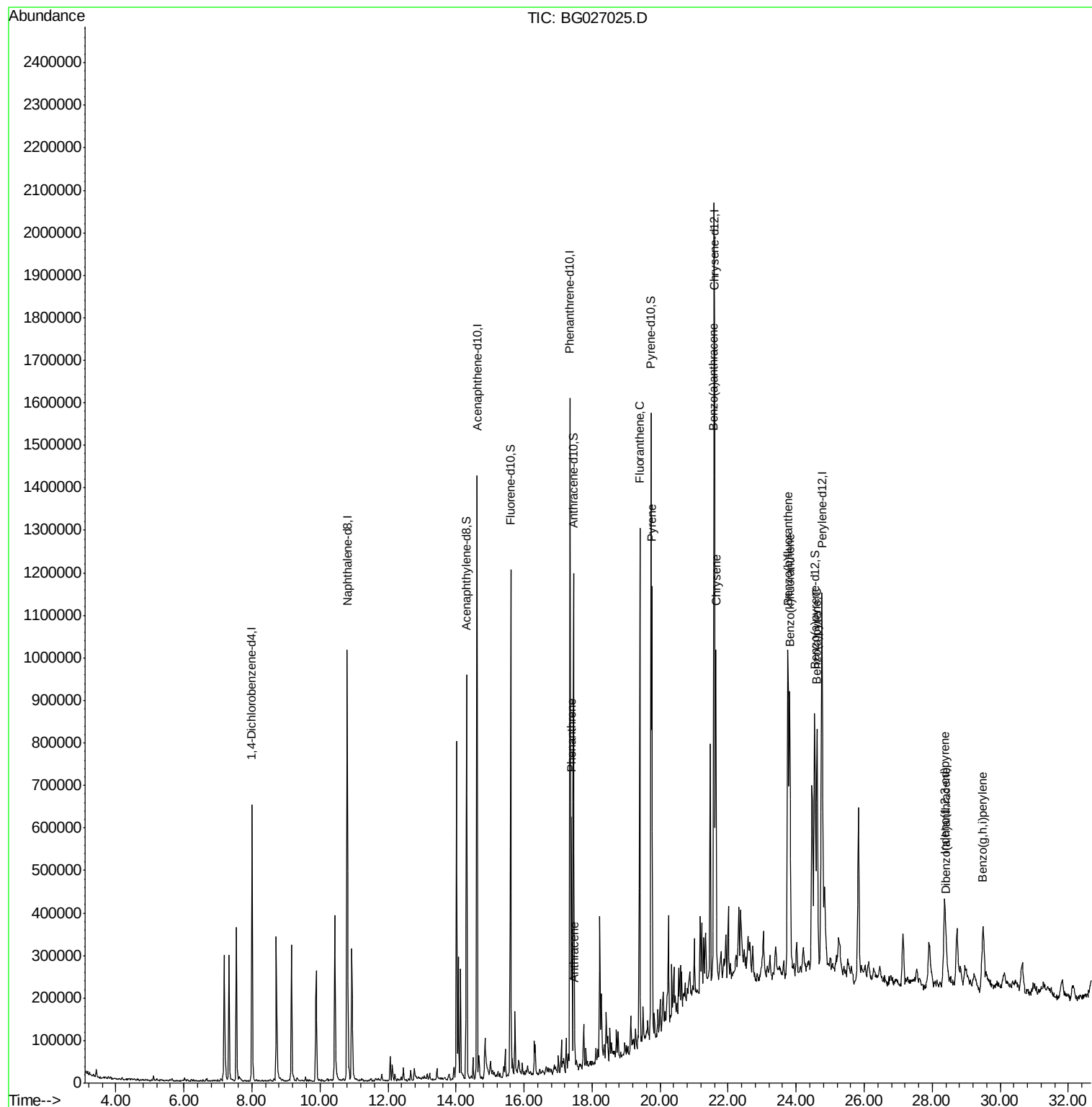
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051817\
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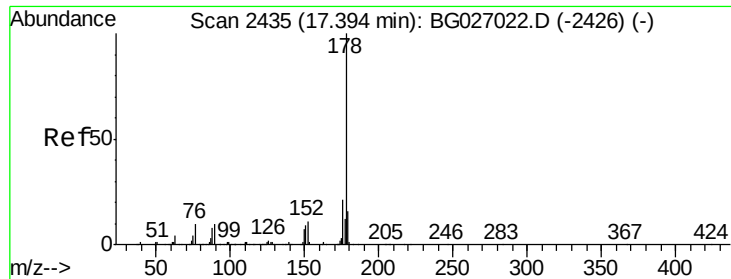
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 19 04:25:04 2017
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#13

Phenanthrene

Concen: 6.85 ng/ul

RT: 17.39 min Scan# 2434

Delta R.T. -0.00 min

Lab File: BG027025.D

Acq: 19 May 2017 5:09

Instrument :

BNA_G

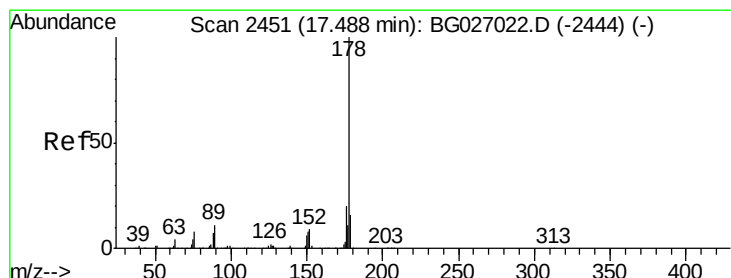
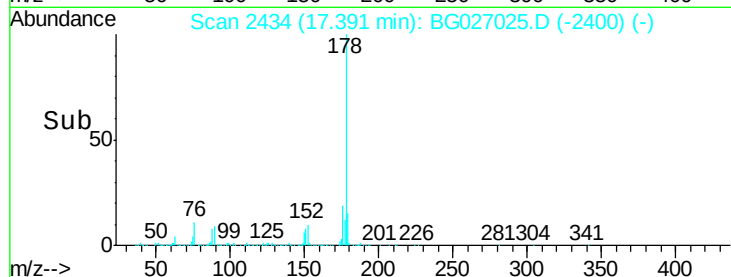
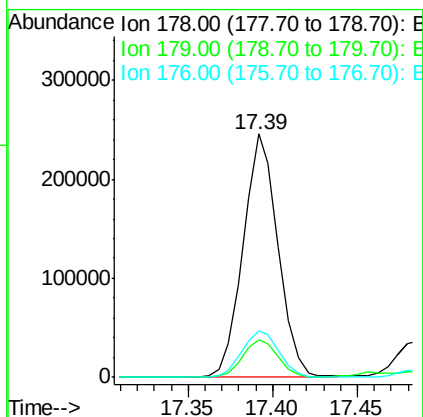
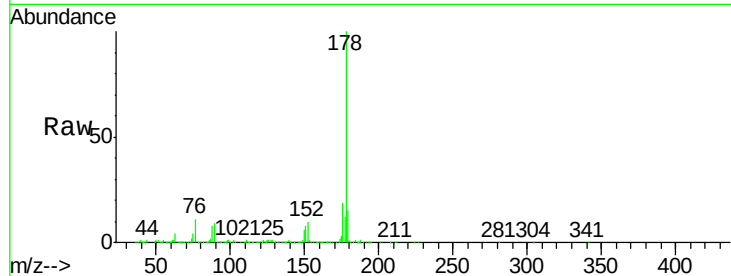
ClientSampleId :

DAC13

Tgt Ion:	178	Resp:	351560
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.3	18.5
176	19.3	15.1	22.7

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#15

Anthracene

Concen: 1.13 ng/ul m

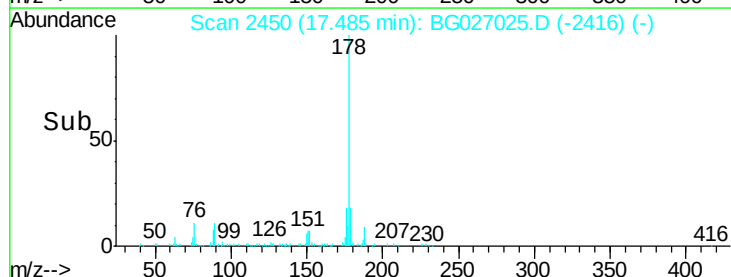
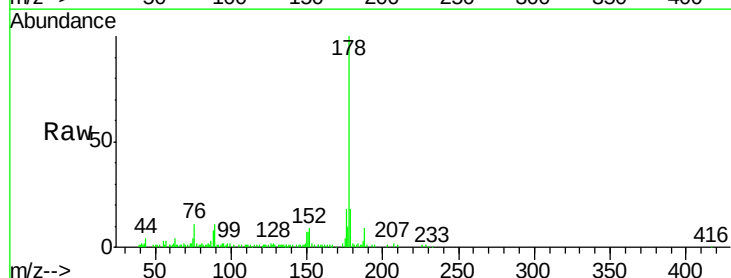
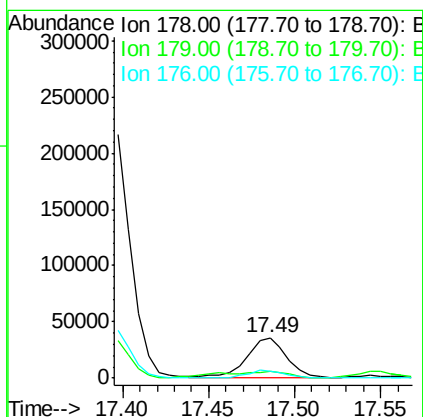
RT: 17.49 min Scan# 2450

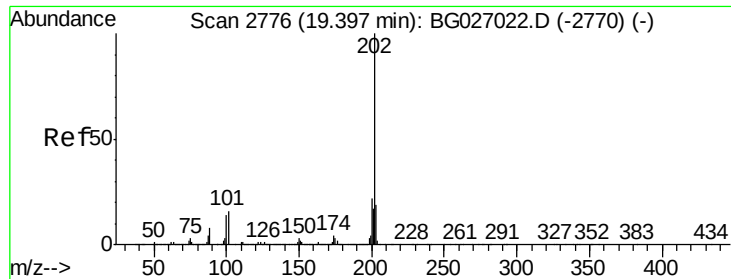
Delta R.T. -0.00 min

Lab File: BG027025.D

Acq: 19 May 2017 5:09

Tgt Ion:	178	Resp:	59425
Ion Ratio	Lower	Upper	
178	100		
179	18.3	11.8	17.8#
176	17.6	15.2	22.8





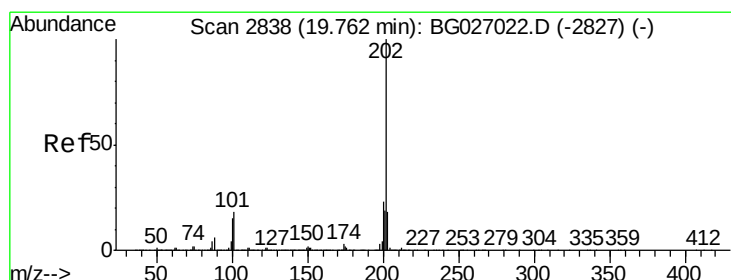
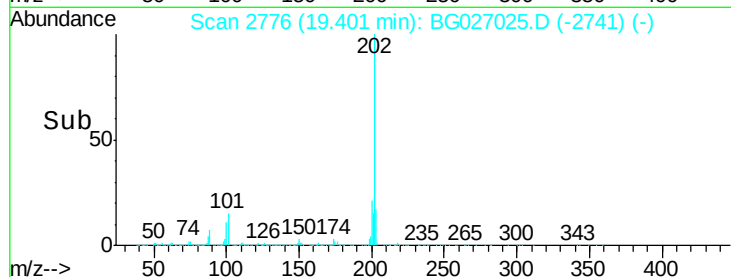
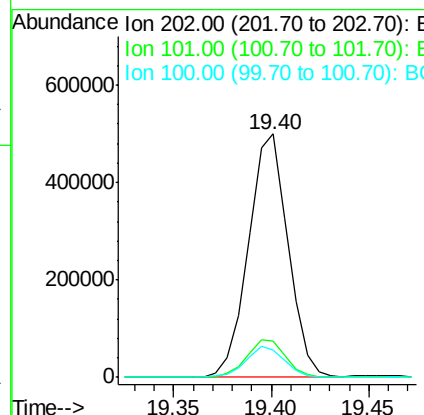
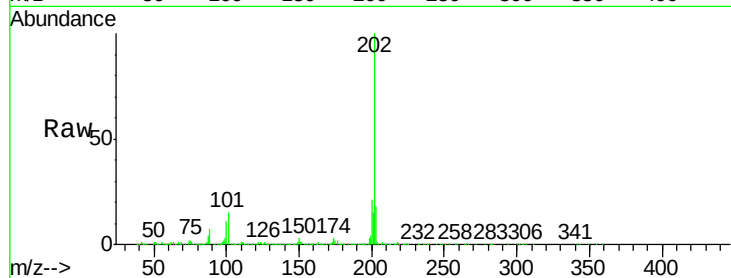
#16
Fluoranthene
Concen: 13.33 ng/ul
RT: 19.40 min Scan# 2776
Delta R.T. 0.00 min
Lab File: BG027025.D
Acq: 19 May 2017 5:09

Instrument :
BNA_G
ClientSampleId :
DAC13

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	15.1	9.9	14.9#
100	11.2	7.4	11.0#

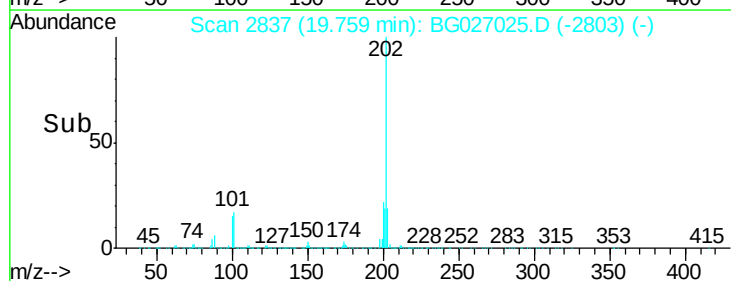
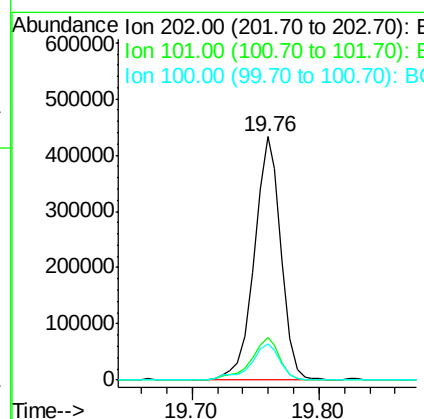
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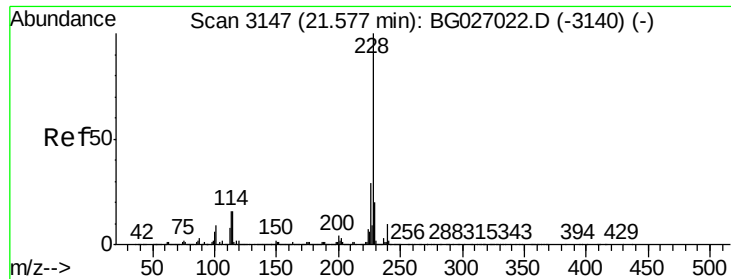
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#19
Pyrene
Concen: 12.01 ng/ul
RT: 19.76 min Scan# 2837
Delta R.T. -0.00 min
Lab File: BG027025.D
Acq: 19 May 2017 5:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	17.5	11.0	16.4#
100	14.9	8.1	12.1#





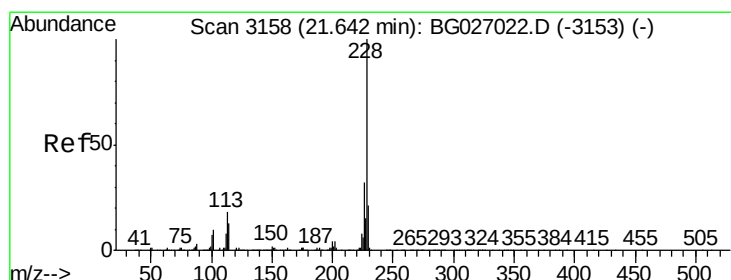
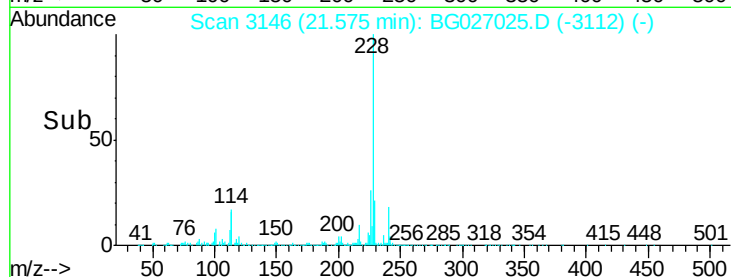
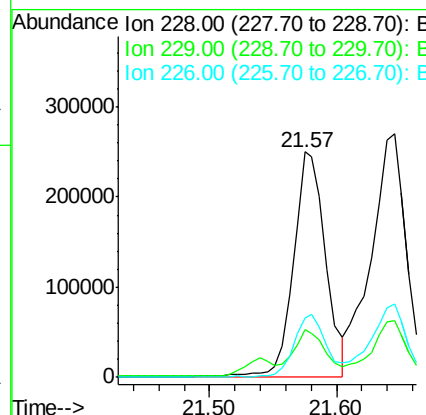
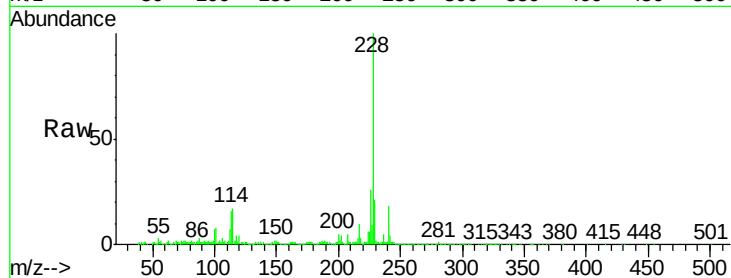
#20
Benzo(a)anthracene
Concen: 9.06 ng/ul
RT: 21.57 min Scan# 3146
Delta R.T. -0.00 min
Lab File: BG027025.D
Acq: 19 May 2017 5:09

Instrument :
BNA_G
ClientSampleId :
DAC13

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.7	23.5
226	26.1	21.1	31.7

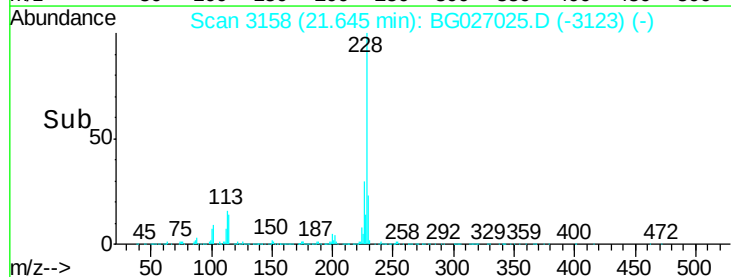
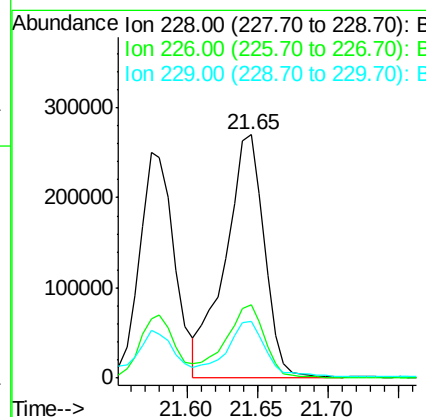
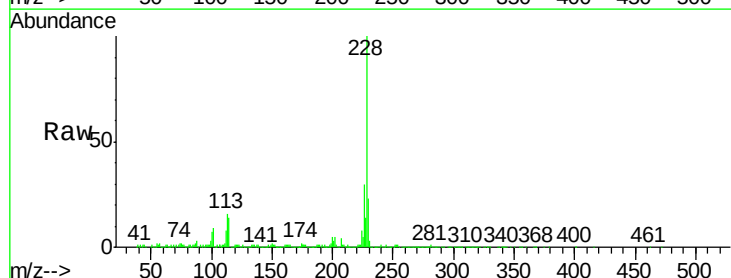
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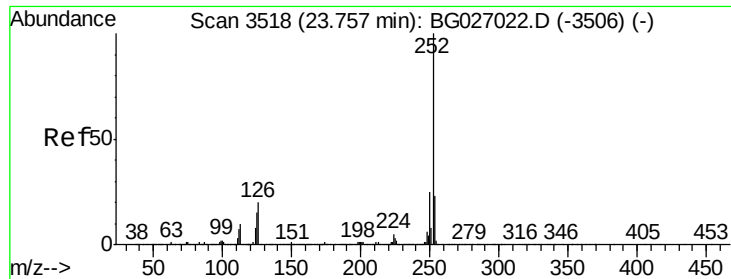
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#21
Chrysene
Concen: 11.60 ng/ul
RT: 21.65 min Scan# 3158
Delta R.T. 0.00 min
Lab File: BG027025.D
Acq: 19 May 2017 5:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.5	36.7
229	23.3	15.8	23.8





#23

Benzo(b)fluoranthene

Concen: 17.55 ng/ul

RT: 23.76 min Scan# 3518

Delta R.T. 0.00 min

Lab File: BG027025.D

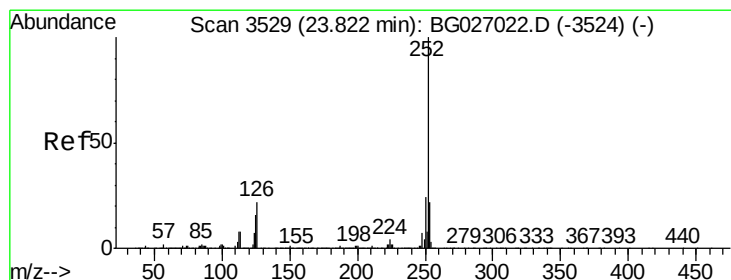
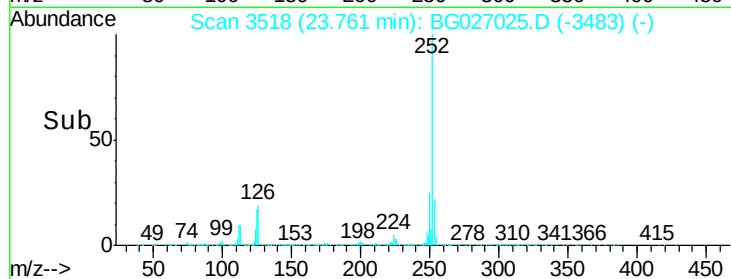
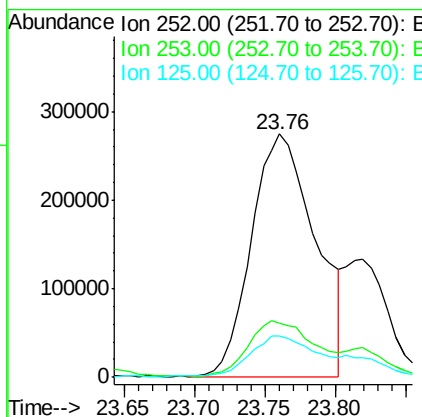
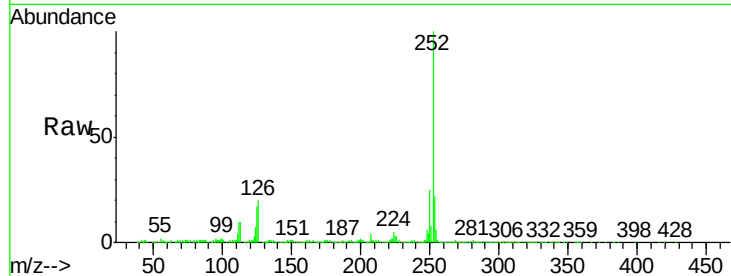
Acq: 19 May 2017 5:09

Instrument :
BNA_G
ClientSampleId :
DAC13

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.1	18.0	27.0
125	16.8	8.0	12.0

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#24

Benzo(k)fluoranthene

Concen: 5.68 ng/ul m

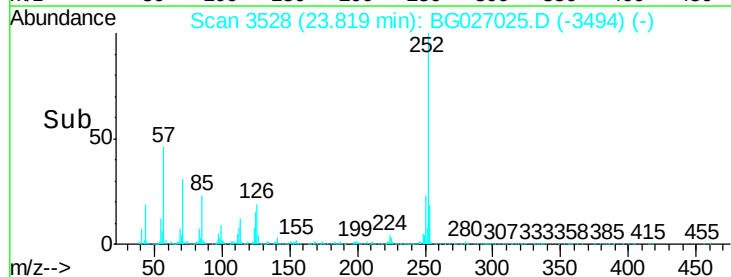
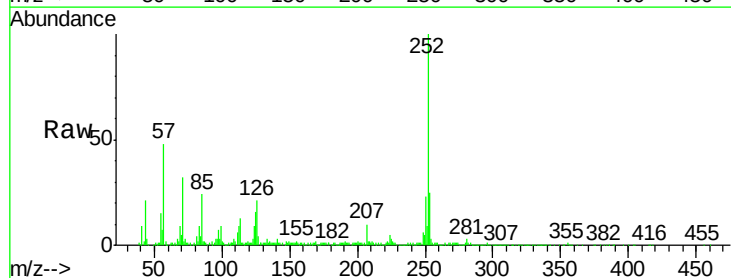
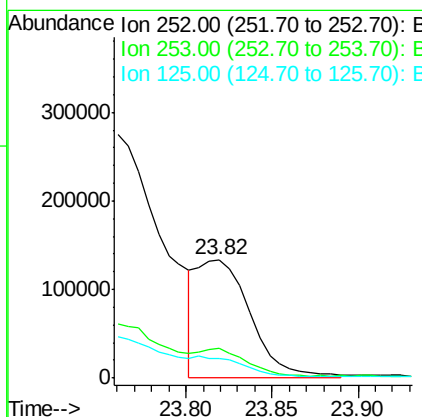
RT: 23.82 min Scan# 3528

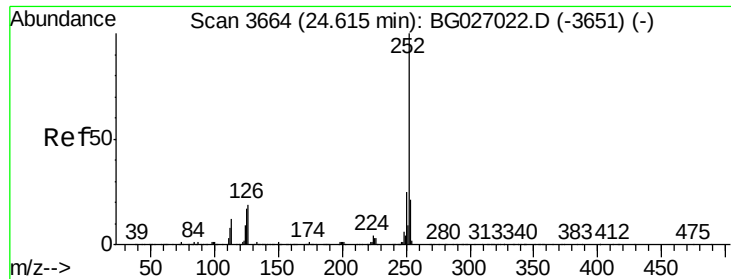
Delta R.T. -0.00 min

Lab File: BG027025.D

Acq: 19 May 2017 5:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	25.3	18.0	27.0
125	16.1	8.1	12.1





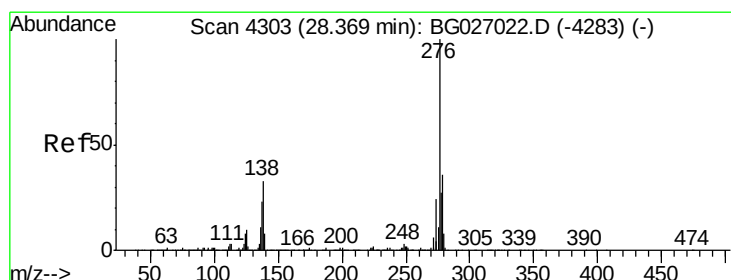
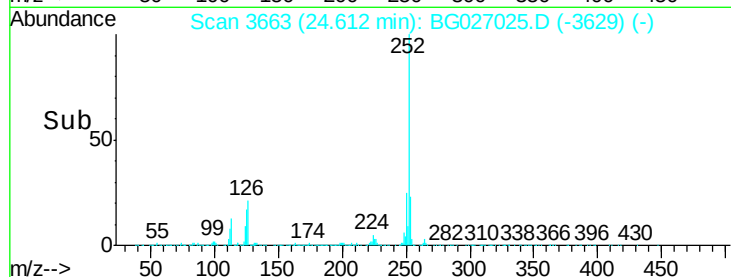
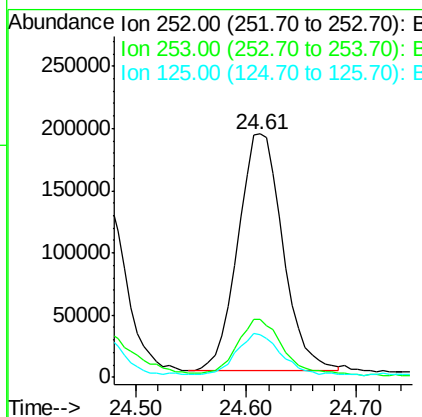
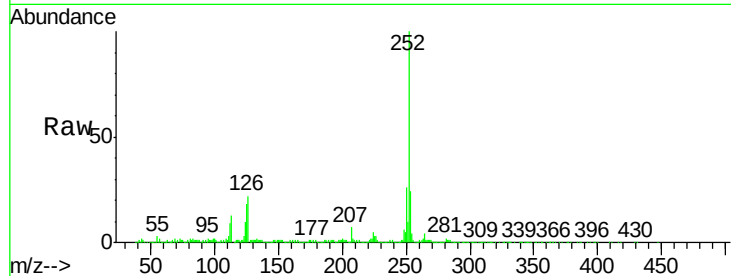
#26
Benzo(a)pyrene
Concen: 11.18 ng/ul
RT: 24.61 min Scan# 3663
Delta R.T. -0.00 min
Lab File: BG027025.D
Acq: 19 May 2017 5:09

Instrument :
BNA_G
ClientSampleId :
DAC13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.2	25.8
125	17.7	8.2	12.4

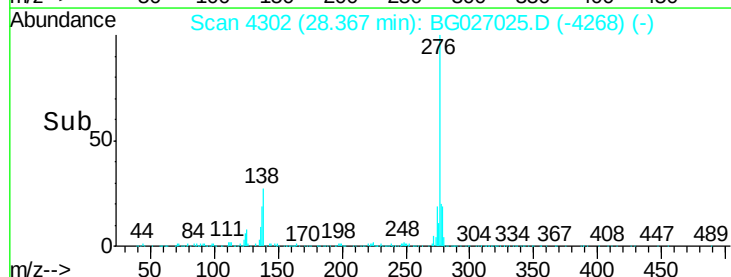
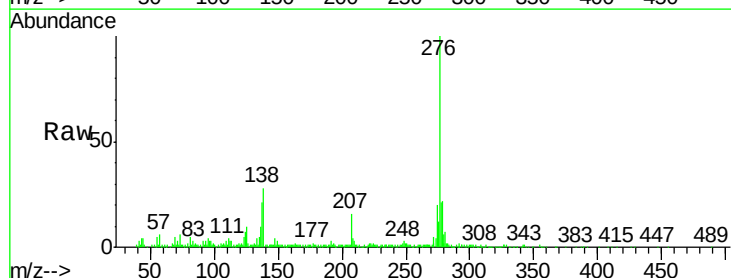
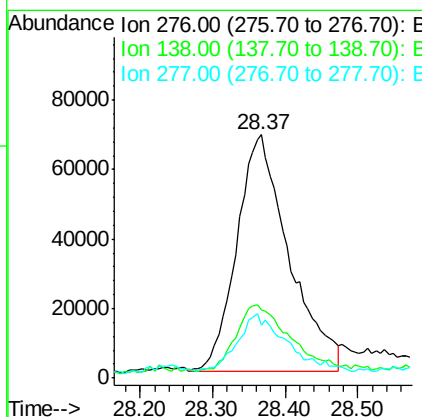
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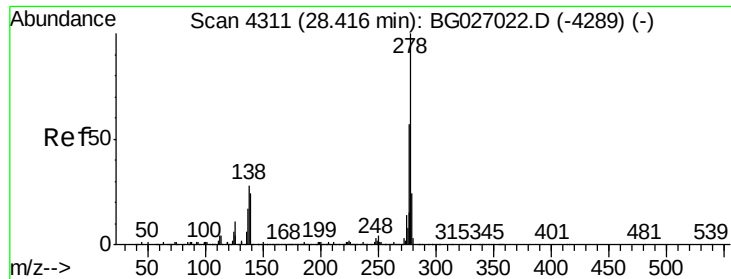
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#27
Indeno(1,2,3-cd)pyrene
Concen: 7.63 ng/ul
RT: 28.37 min Scan# 4302
Delta R.T. -0.00 min
Lab File: BG027025.D
Acq: 19 May 2017 5:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.2	14.4	21.6
277	21.5	18.0	27.0





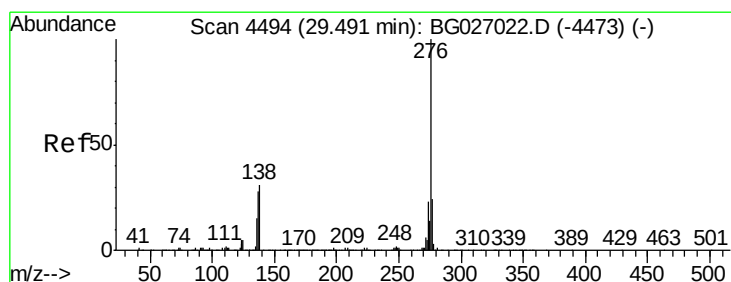
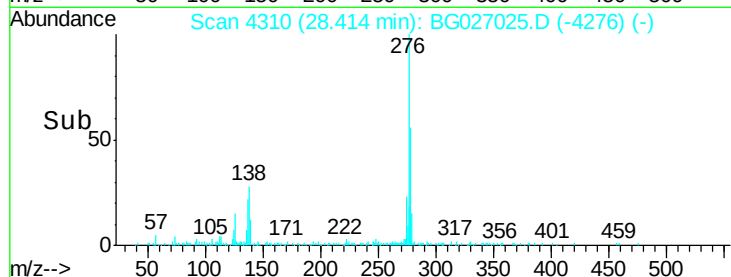
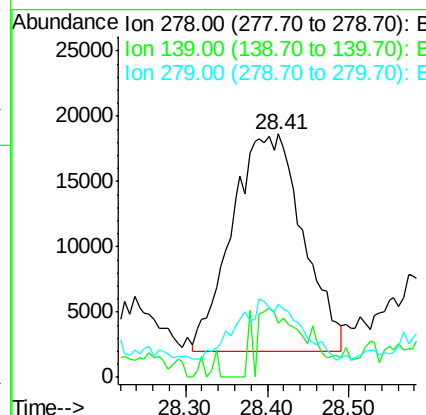
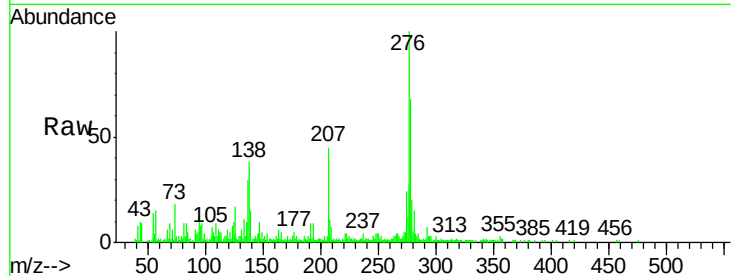
#28
Dibenzo(a,h)anthracene
Concen: 2.62 ng/ul m
RT: 28.41 min Scan# 4310
Delta R.T. -0.00 min
Lab File: BG027025.D
Acq: 19 May 2017 5:09

Instrument :
BNA_G
ClientSampleId :
DAC13

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.1	12.2	18.4#
279	30.0	19.2	28.8#

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#29
Benzo(g,h,i)perylene
Concen: 8.44 ng/ul
RT: 29.49 min Scan# 4494
Delta R.T. 0.00 min
Lab File: BG027025.D
Acq: 19 May 2017 5:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.5	15.3	22.9#
277	23.7	19.0	28.4

