

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051817\
 Data File : BG027037.D
 Acq On : 19 May 2017 13:04
 Operator : SJ/MA
 Sample : I3136-03
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAC14

Manual Integrations
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Quant Time: May 19 14:15:34 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	202304	20.00	ng/ul	0.00
2) Naphthalene-d8	10.81	136	949935	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	487312	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.36	188	883173	20.00	ng/ul	0.00
17) Chrysene-d12	21.60	240	802068	20.00	ng/ul	0.00
22) Perylene-d12	24.77	264	770572	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	14.31	160	641228	12.83	ng/ul	0.00
10) Fluorene-d10	15.61	176	407050	12.21	ng/ul	0.00
14) Anthracene-d10	17.46	188	547087	12.71	ng/ul	0.00
18) Pyrene-d10	19.74	212	525891	12.56	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.56	264	465190	12.15	ng/ul	0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Phenanthrene	17.40	178	521609	10.56	ng/ul	98
15) Anthracene	17.49	178	102814	2.03	ng/ul	99
16) Fluoranthene	19.40	202	843432m	16.71	ng/ul	
19) Pyrene	19.77	202	720824	13.75	ng/ul#	88
20) Benzo(a)anthracene	21.59	228	407969	8.44	ng/ul	97
21) Chrysene	21.65	228	412416	9.30	ng/ul	97
23) Benzo(b)fluoranthene	23.77	252	649418	14.18	ng/ul#	92
24) Benzo(k)fluoranthene	23.83	252	236321m	5.02	ng/ul	
26) Benzo(a)pyrene	24.62	252	366065	8.17	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	28.38	276	171704	4.17	ng/ul#	81
28) Dibenzo(a,h)anthracene	28.44	278	57580m	1.62	ng/ul	
29) Benzo(g,h,i)perylene	29.52	276	144512	4.41	ng/ul#	85

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

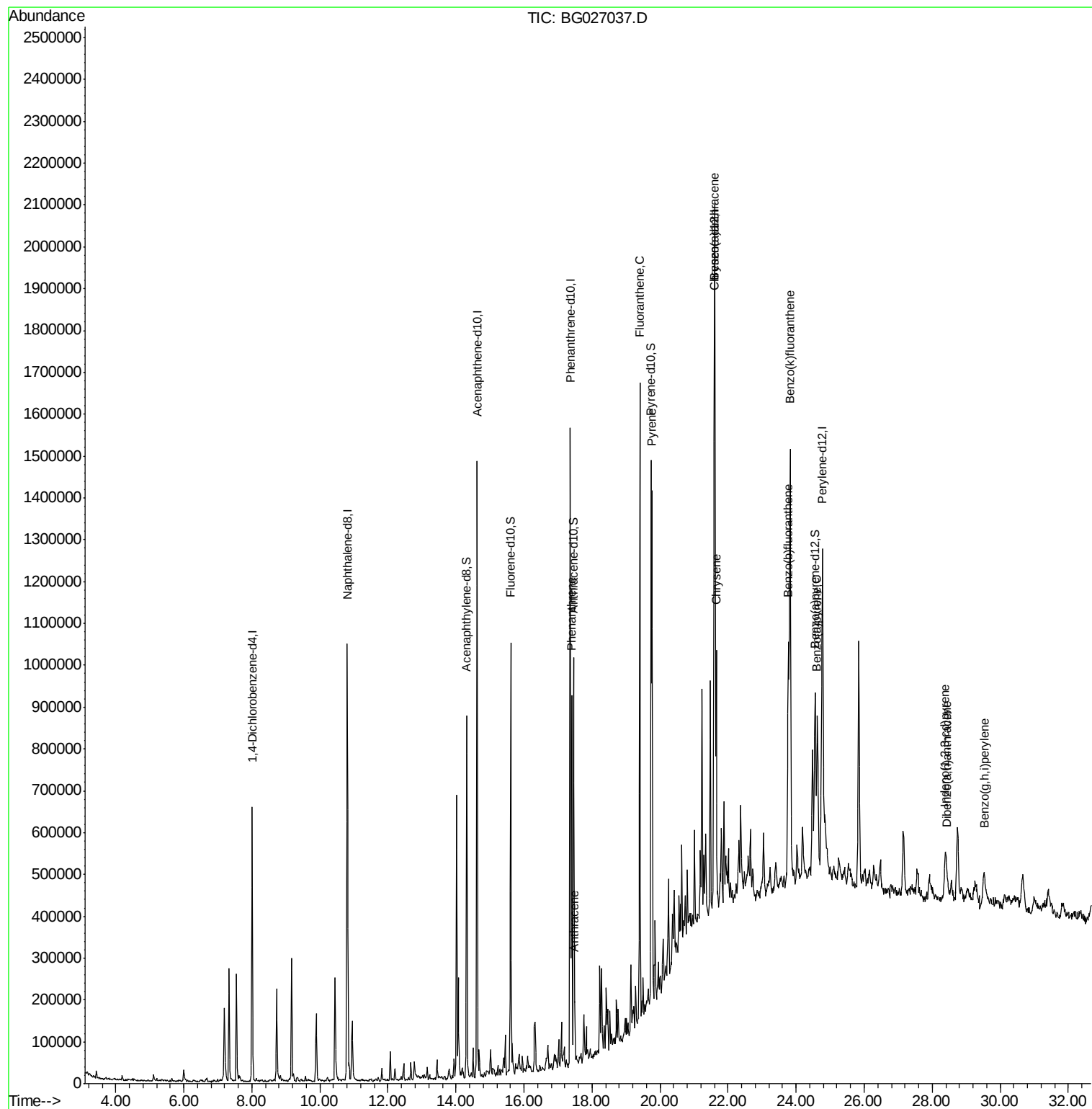
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051817\
Data File : BG027037.D
Acq On : 19 May 2017 13:04
Operator : SJ/MA
Sample : I3136-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

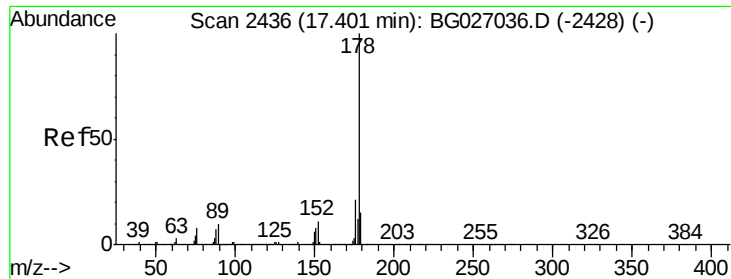
Instrument :
BNA_G
ClientSampleId :
DAC14

Quant Time: May 19 14:15:34 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
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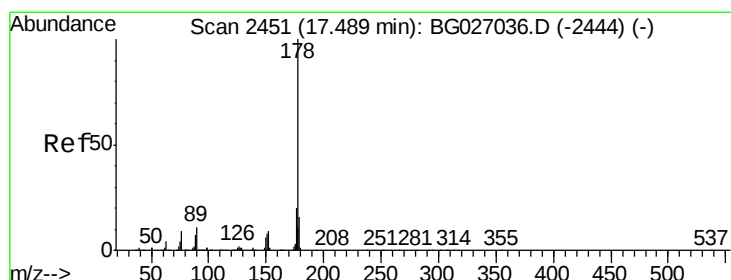
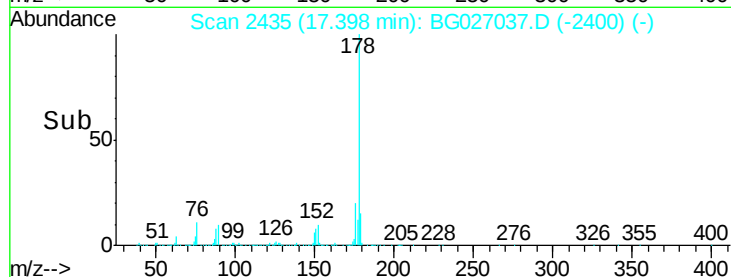
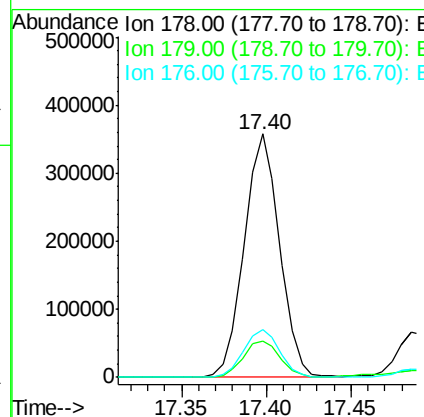
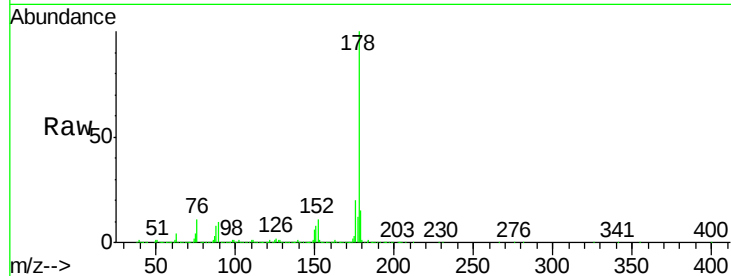
#13
Phenanthrene
Concen: 10.56 ng/ul
RT: 17.40 min Scan# 2435
Delta R.T. 0.00 min
Lab File: BG027037.D
Acq: 19 May 2017 13:04

Instrument :
BNA_G
ClientSampleId :
DAC14

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.3	18.5
176	19.8	15.1	22.7

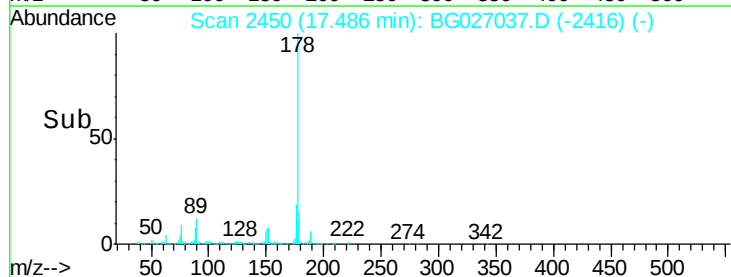
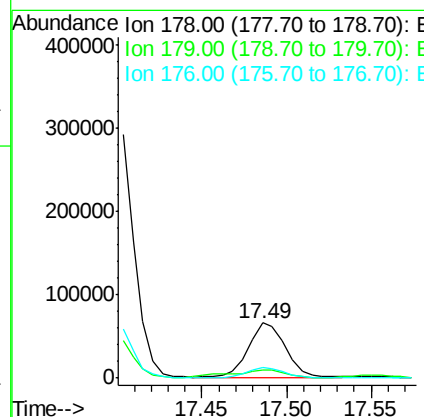
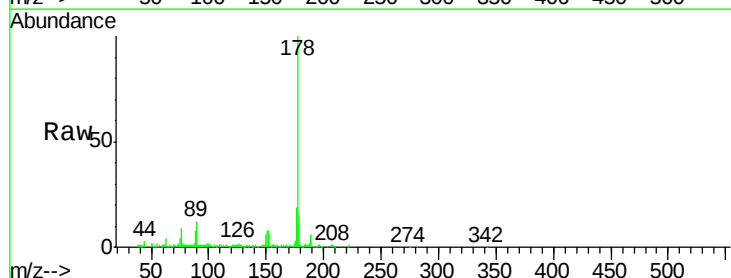
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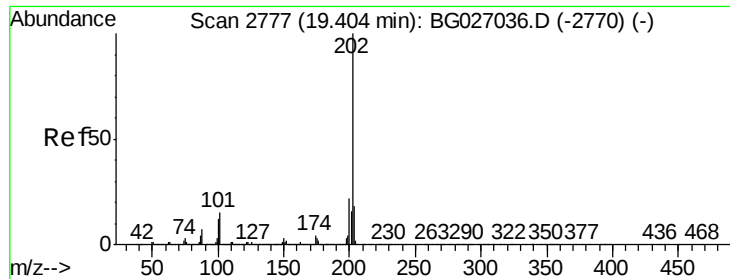
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#15
Anthracene
Concen: 2.03 ng/ul
RT: 17.49 min Scan# 2450
Delta R.T. -0.00 min
Lab File: BG027037.D
Acq: 19 May 2017 13:04

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.8	17.8
176	19.3	15.2	22.8





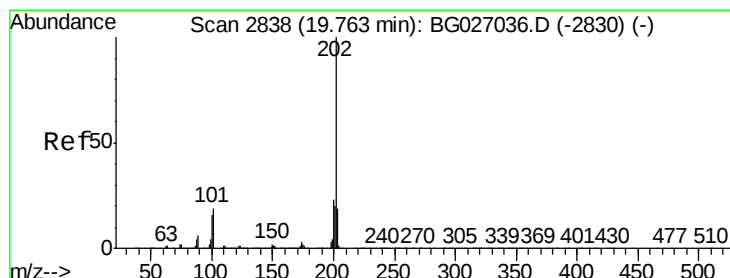
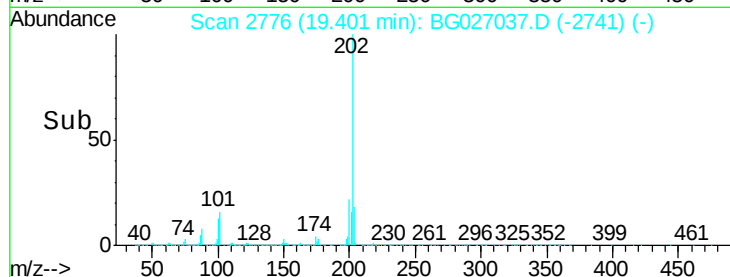
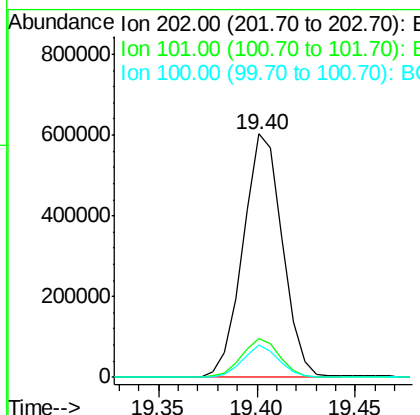
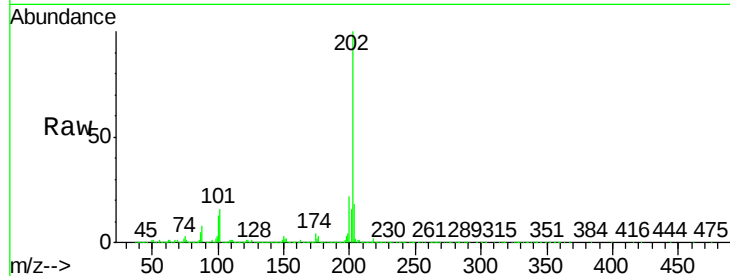
#16
Fluoranthene
 Concen: 16.71 ng/ul m
 RT: 19.40 min Scan# 2776
 Delta R.T. 0.00 min
 Lab File: BG027037.D
 Acq: 19 May 2017 13:04

Instrument :
 BNA_G
 ClientSampleId :
 DAC14

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	16.2	9.9	14.9#
100	13.1	7.4	11.0#

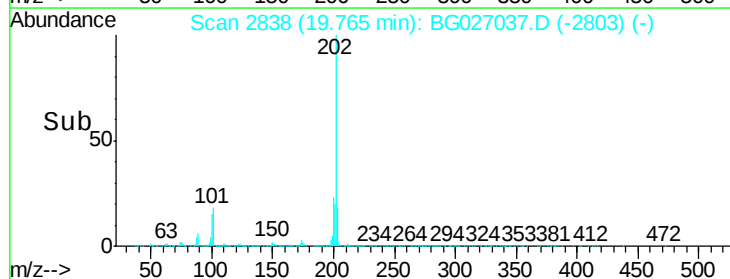
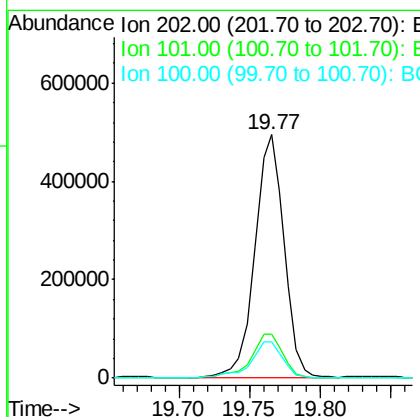
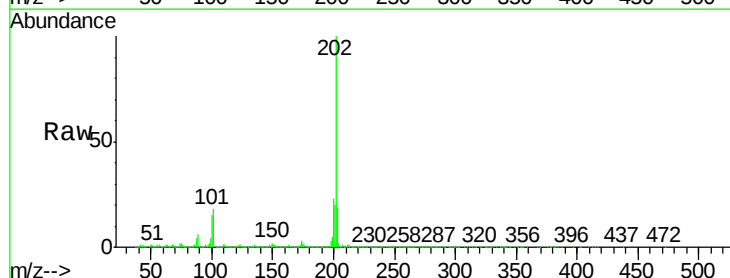
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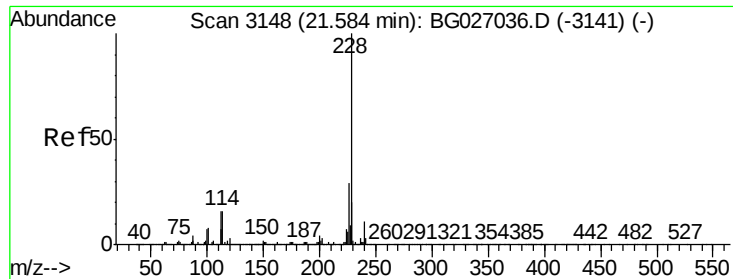
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#19
Pyrene
 Concen: 13.75 ng/ul
 RT: 19.77 min Scan# 2838
 Delta R.T. 0.00 min
 Lab File: BG027037.D
 Acq: 19 May 2017 13:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	18.2	11.0	16.4#
100	14.9	8.1	12.1#





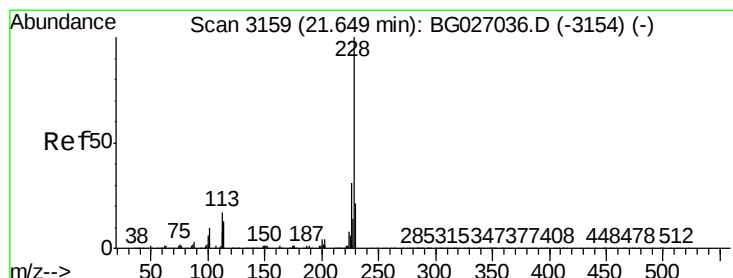
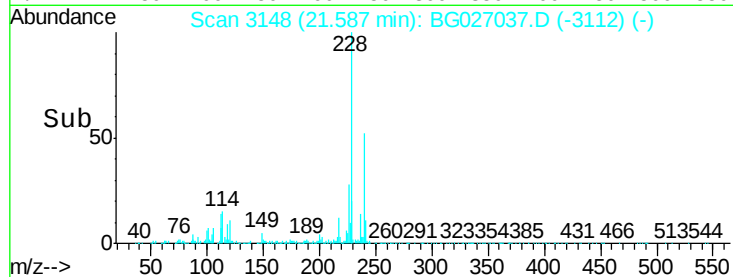
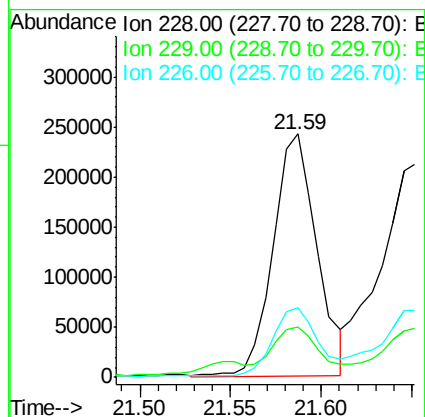
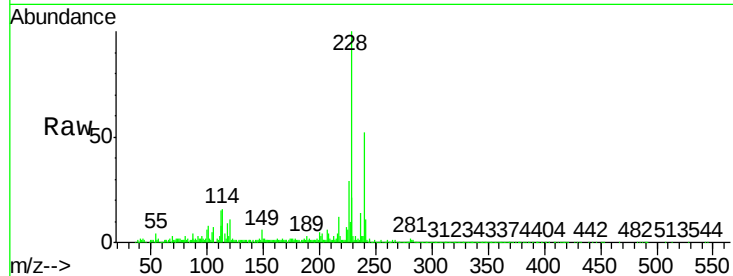
#20
Benzo(a)anthracene
Concen: 8.44 ng/ul
RT: 21.59 min Scan# 3148
Delta R.T. 0.01 min
Lab File: BG027037.D
Acq: 19 May 2017 13:04

Instrument :
BNA_G
ClientSampleId :
DAC14

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.7	23.5
226	28.6	21.1	31.7

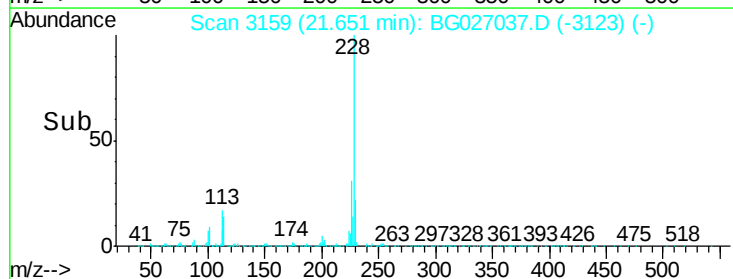
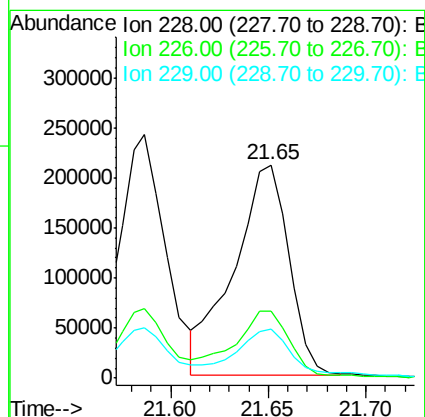
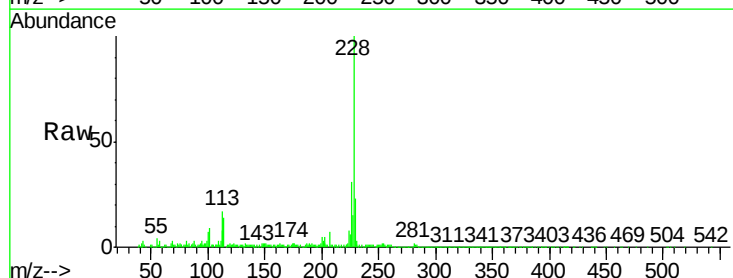
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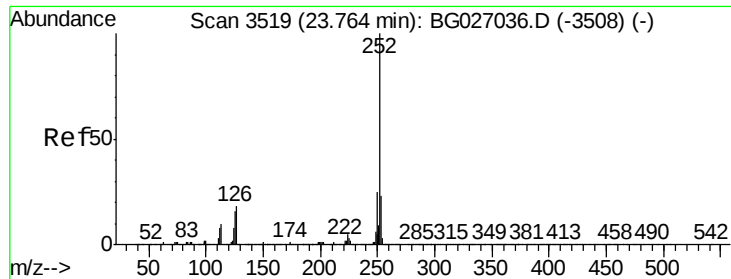
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#21
Chrysene
Concen: 9.30 ng/ul
RT: 21.65 min Scan# 3159
Delta R.T. 0.01 min
Lab File: BG027037.D
Acq: 19 May 2017 13:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.5	36.7
229	22.9	15.8	23.8





#23

Benzo(b)fluoranthene

Concen: 14.18 ng/ul

RT: 23.77 min Scan# 3520

Delta R.T. 0.02 min

Lab File: BG027037.D

Acq: 19 May 2017 13:04

Instrument :

BNA_G

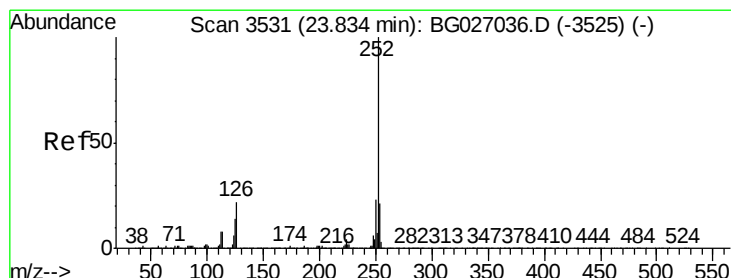
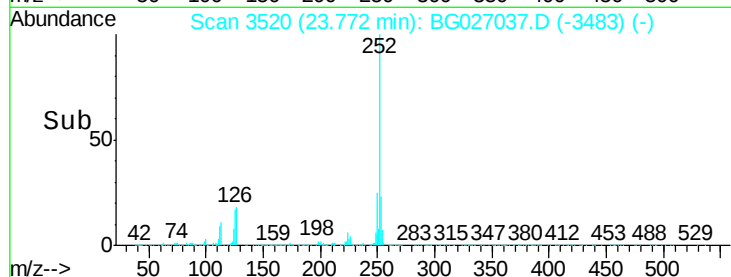
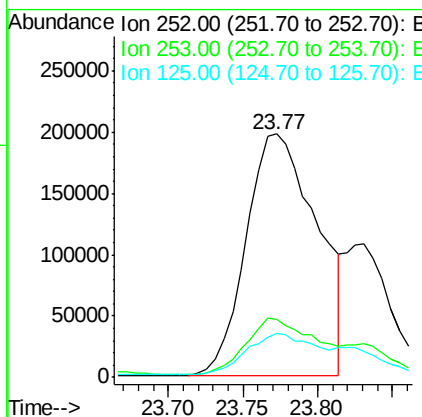
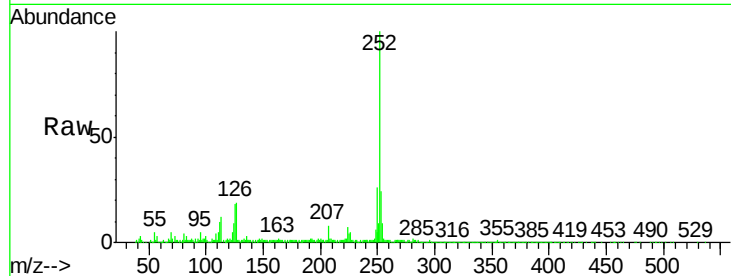
ClientSampleId :

DAC14

Tgt Ion:	252	Resp:	649418
Ion Ratio	Lower	Upper	
252	100		
253	23.7	18.0	27.0
125	17.8	8.0	12.0#

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#24

Benzo(k)fluoranthene

Concen: 5.02 ng/ul m

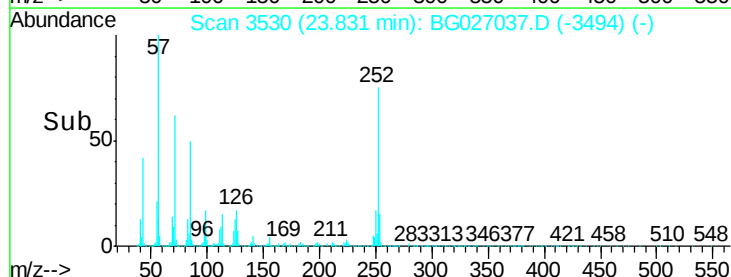
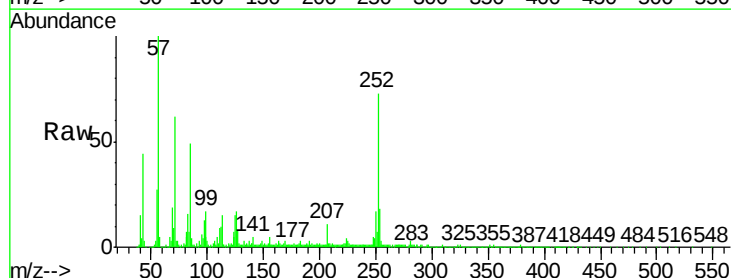
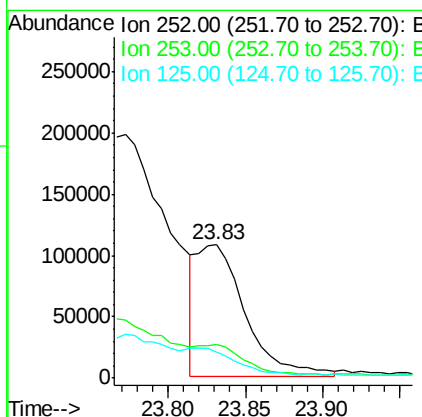
RT: 23.83 min Scan# 3530

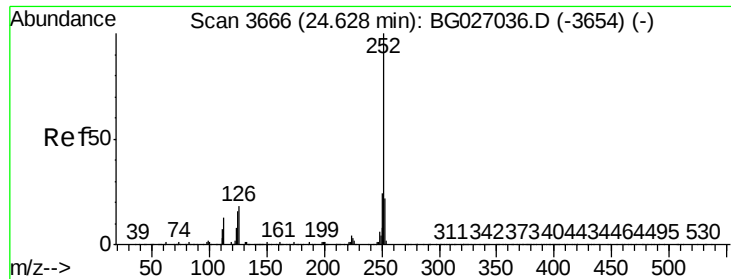
Delta R.T. 0.01 min

Lab File: BG027037.D

Acq: 19 May 2017 13:04

Tgt Ion:	252	Resp:	236321
Ion Ratio	Lower	Upper	
252	100		
253	25.1	18.0	27.0
125	20.0	8.1	12.1#





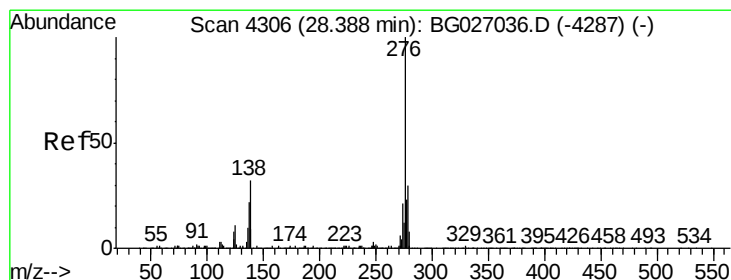
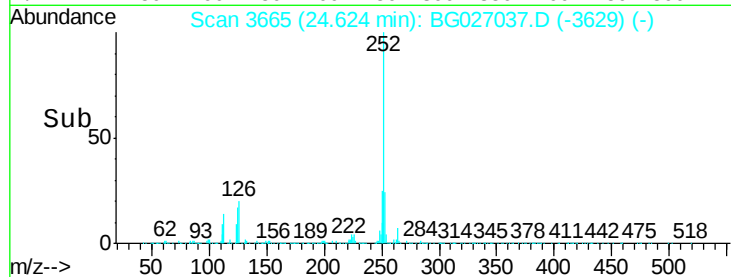
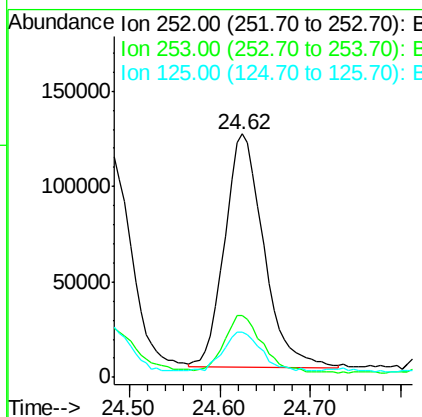
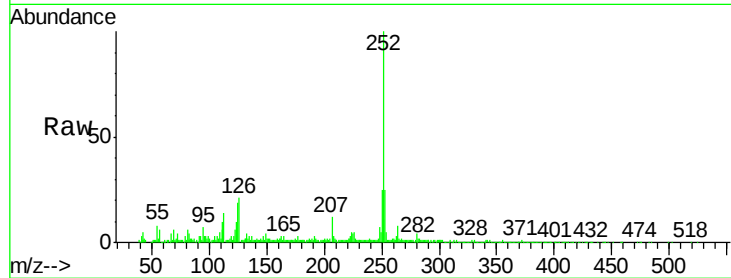
#26
Benzo(a)pyrene
Concen: 8.17 ng/ul
RT: 24.62 min Scan# 3665
Delta R.T. 0.01 min
Lab File: BG027037.D
Acq: 19 May 2017 13:04

Instrument :
BNA_G
ClientSampleId :
DAC14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.2	25.8
125	18.6	8.2	12.4

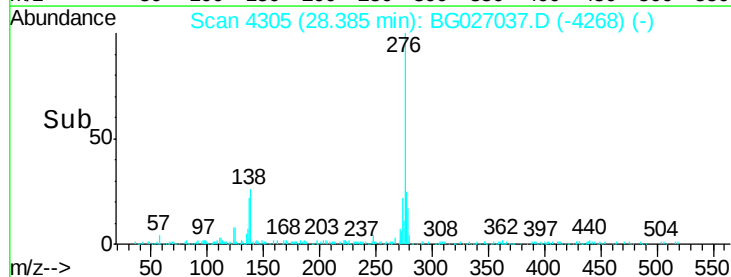
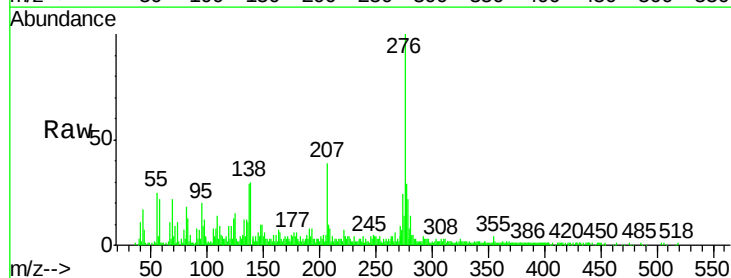
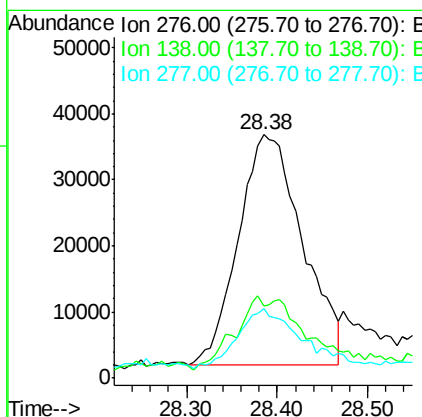
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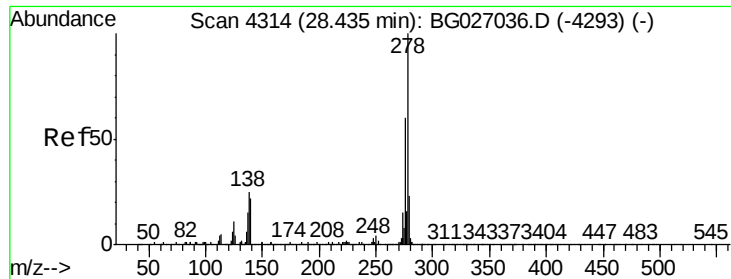
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#27
Indeno(1,2,3-cd)pyrene
Concen: 4.17 ng/ul
RT: 28.38 min Scan# 4305
Delta R.T. 0.02 min
Lab File: BG027037.D
Acq: 19 May 2017 13:04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.6	14.4	21.6
277	28.6	18.0	27.0





#28

Dibenzo(a,h)anthracene

Concen: 1.62 ng/ul m

RT: 28.44 min Scan# 4314

Delta R.T. 0.02 min

Lab File: BG027037.D

Acq: 19 May 2017 13:04

Instrument :

BNA_G

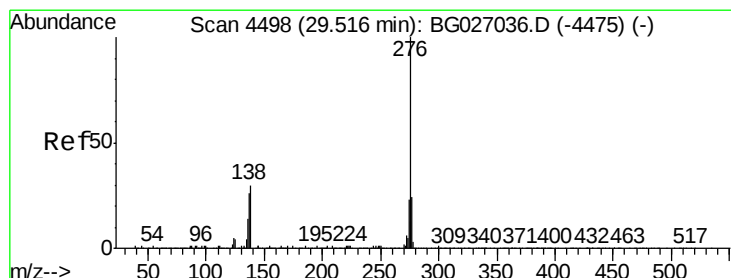
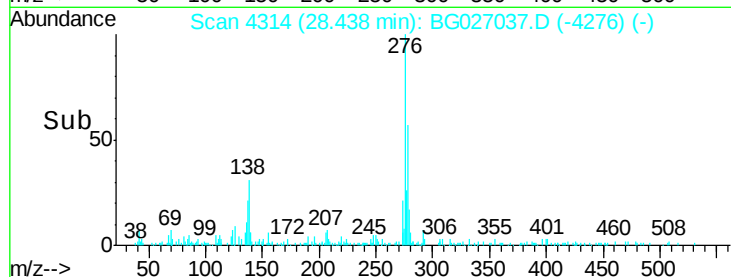
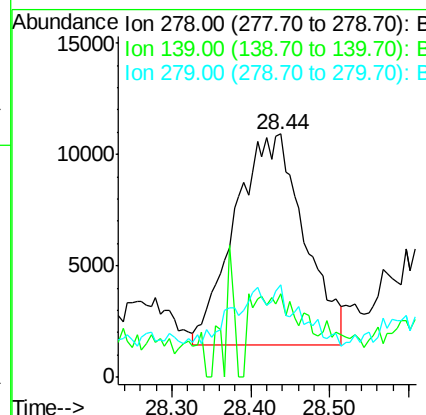
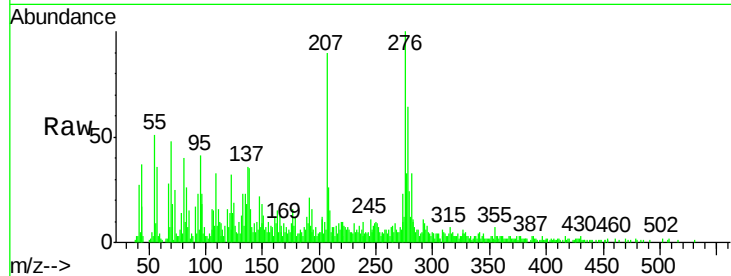
ClientSampled :

DAC14

Tgt Ion:	278	Resp:	57580
Ion Ratio	Lower	Upper	
278	100		
139	25.7	12.2	18.4#
279	37.9	19.2	28.8#

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#29

Benzo(g,h,i)perylene

Concen: 4.41 ng/ul

RT: 29.52 min Scan# 4499

Delta R.T. 0.03 min

Lab File: BG027037.D

Acq: 19 May 2017 13:04

Tgt Ion:	276	Resp:	144512
Ion Ratio	Lower	Upper	
276	100		
138	31.9	15.3	22.9#
277	26.2	19.0	28.4

