

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052617\
 Data File : BG027160.D
 Acq On : 25 May 2017 11:52
 Operator : SJ/MA
 Sample : I3279-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DACB0

Manual Integrations
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Quant Time: May 25 13:14:41 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 25 06:05:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	187398	20.00	ng/ul	0.00
2) Naphthalene-d8	10.81	136	840151	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	403977	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.36	188	737443	20.00	ng/ul	0.00
17) Chrysene-d12	21.62	240	661520	20.00	ng/ul	0.01
22) Perylene-d12	24.81	264	429295	20.00	ng/ul	0.03
System Monitoring Compounds						
7) Acenaphthylene-d8	14.32	160	836116	20.18	ng/ul	0.00
10) Fluorene-d10	15.61	176	531411	19.22	ng/ul	0.00
14) Anthracene-d10	17.46	188	725694m	20.18	ng/ul	0.00
18) Pyrene-d10	19.75	212	689275	19.96	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.60	264	452713	21.22	ng/ul	0.03
Target Compounds						
13) Phenanthrene	17.41	178	261913	6.35	ng/ul	Qvalue 98
15) Anthracene	17.50	178	53530	1.26	ng/ul	96
16) Fluoranthene	19.41	202	556315	13.20	ng/ul#	92
19) Pyrene	19.78	202	468628	10.84	ng/ul#	89
20) Benzo(a)anthracene	21.60	228	277188	6.95	ng/ul	95
21) Chrysene	21.66	228	305825m	8.36	ng/ul	
23) Benzo(b)fluoranthene	23.80	252	376021	14.74	ng/ul#	84
24) Benzo(k)fluoranthene	23.86	252	164500m	6.27	ng/ul	
26) Benzo(a)pyrene	24.67	252	184737	7.40	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	28.47	276	81292	3.54	ng/ul#	63
29) Benzo(g,h,i)perylene	29.61	276	51474	2.82	ng/ul#	53

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

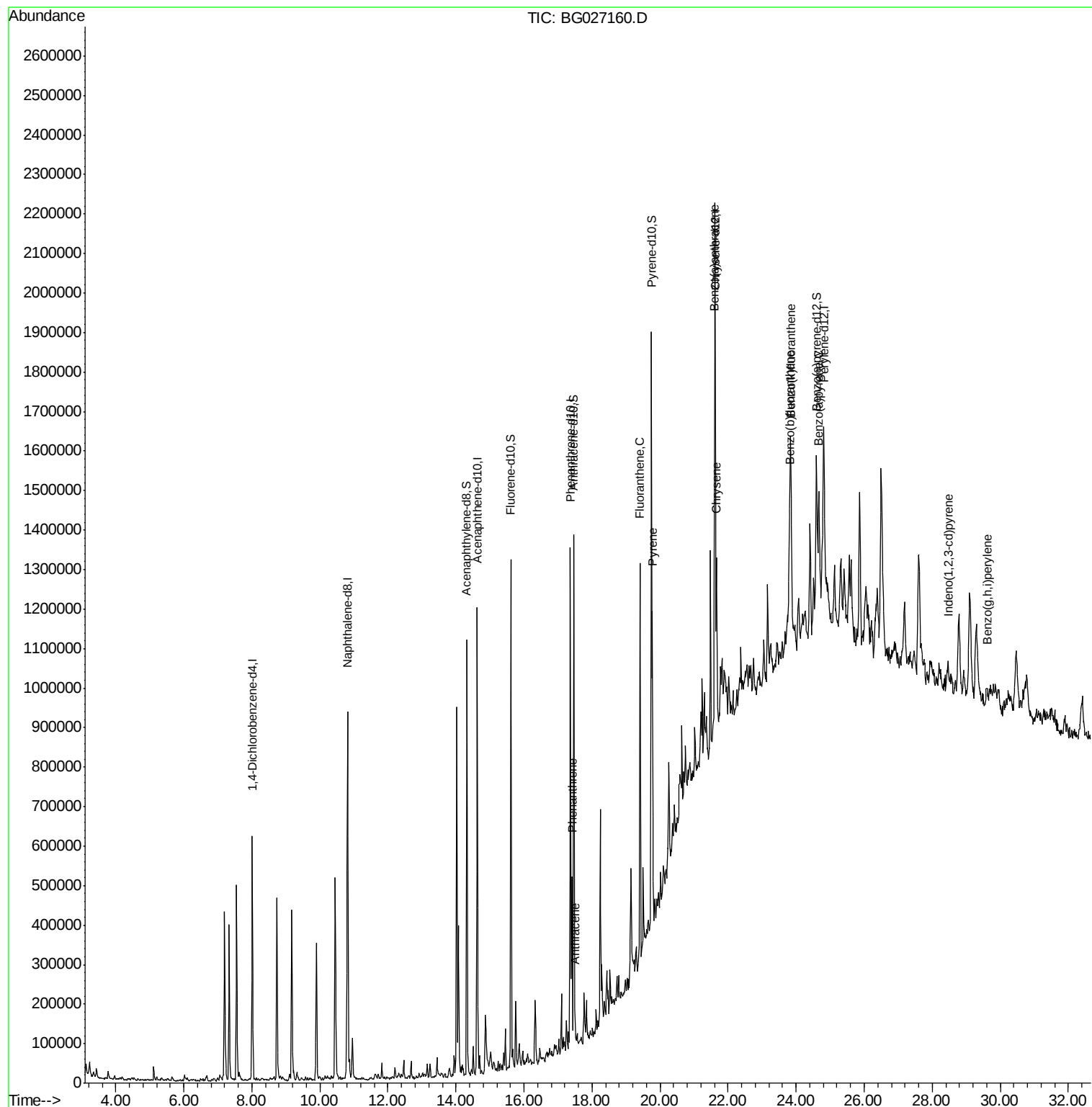
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052617\
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ALS Vial : 29 Sample Multiplier: 1

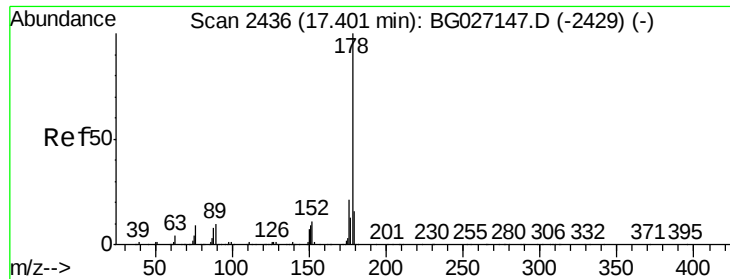
Instrument :
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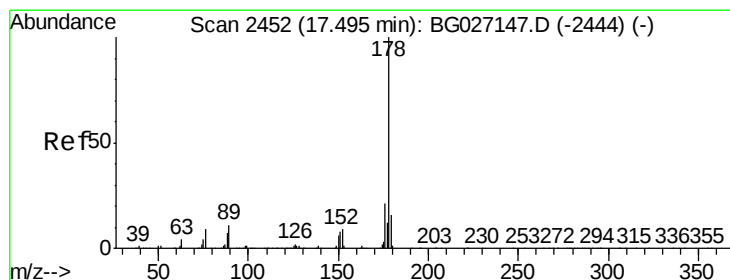
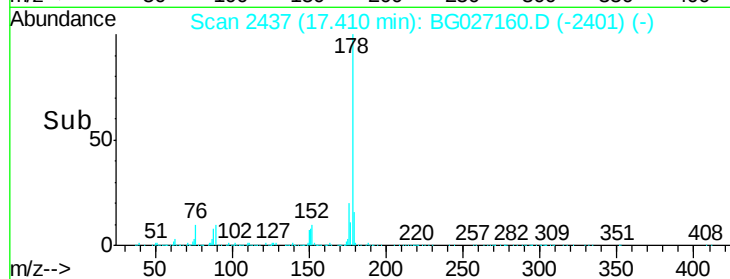
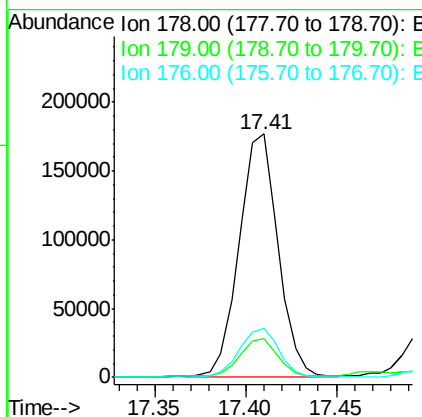
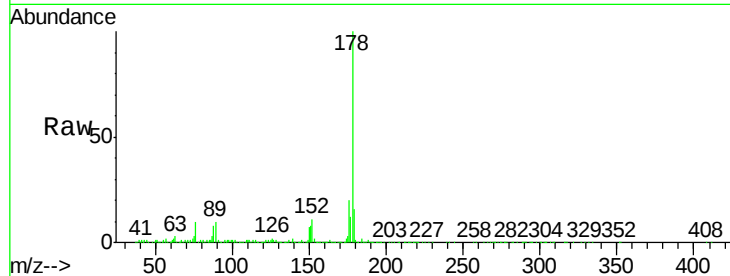
#13
Phenanthrene
Concen: 6.35 ng/ul
RT: 17.41 min Scan# 2437
Delta R.T. 0.01 min
Lab File: BG027160.D
Acq: 25 May 2017 11:52

Instrument :
BNA_G
ClientSampleId :
DACB0

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	261913		
179	15.9	12.3	18.5	
176	20.0	15.1	22.7	

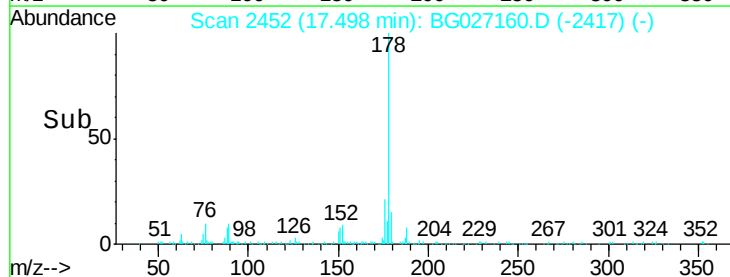
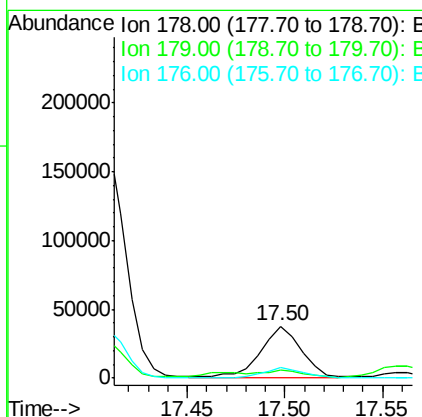
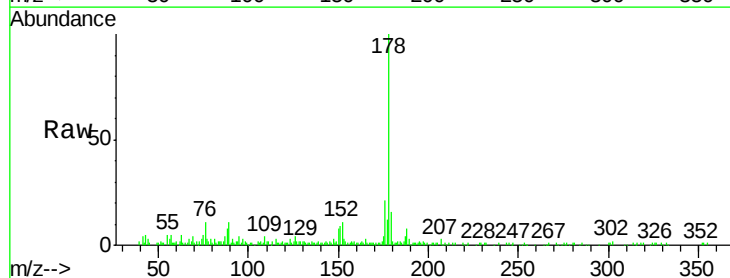
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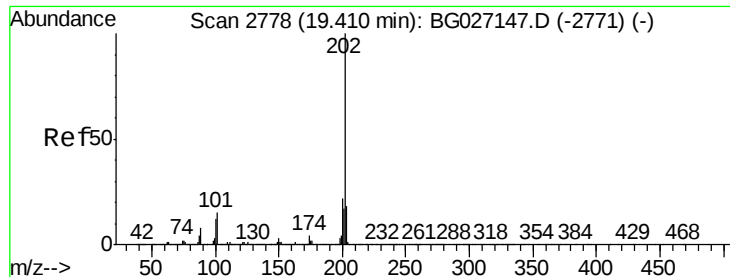
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#15
Anthracene
Concen: 1.26 ng/ul
RT: 17.50 min Scan# 2452
Delta R.T. 0.00 min
Lab File: BG027160.D
Acq: 25 May 2017 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	53530		
179	16.2	11.8	17.8	
176	20.9	15.2	22.8	





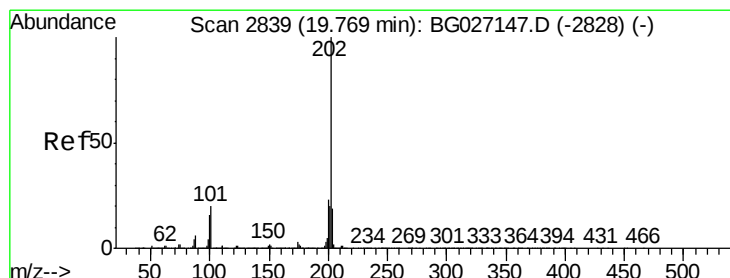
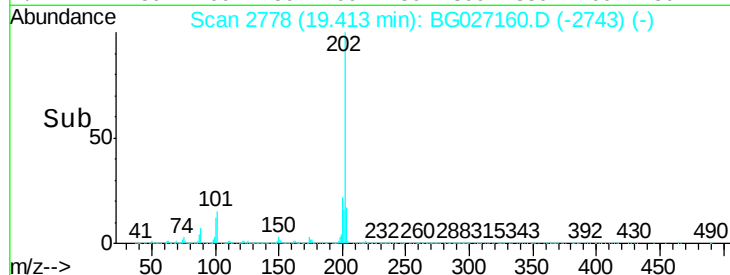
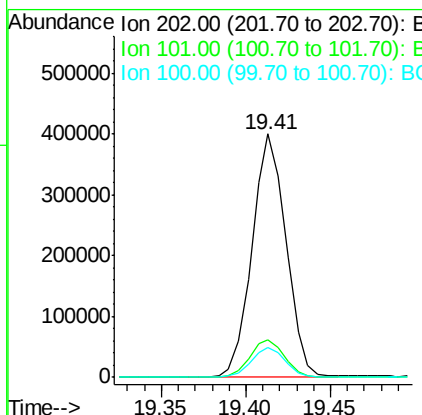
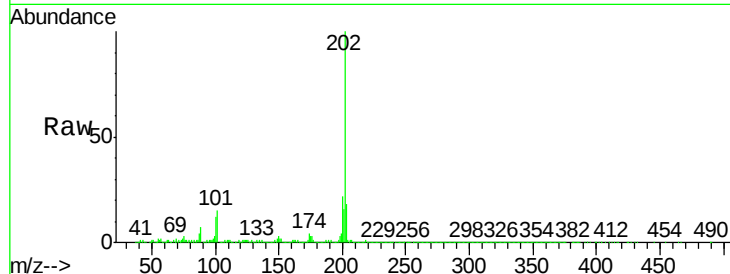
#16
Fluoranthene
Concen: 13.20 ng/ul
RT: 19.41 min Scan# 2778
Delta R.T. 0.00 min
Lab File: BG027160.D
Acq: 25 May 2017 11:52

Instrument :
BNA_G
ClientSampleId :
DACB0

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	15.4	9.9	14.9#
100	12.2	7.4	11.0#

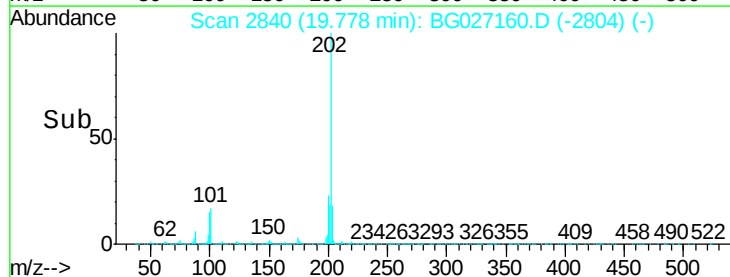
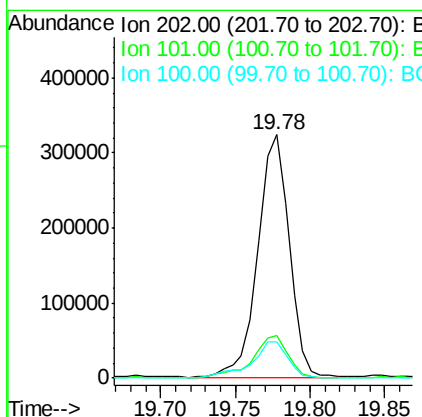
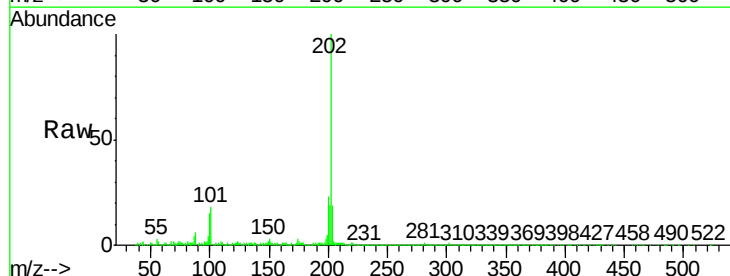
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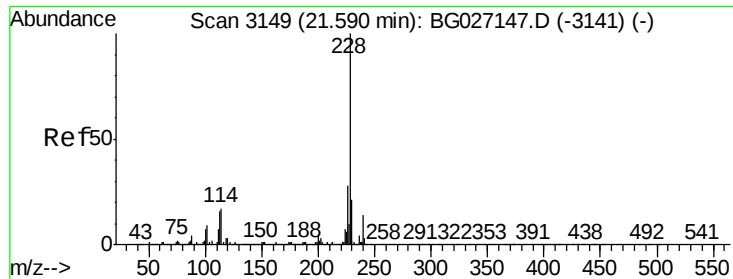
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#19
Pyrene
Concen: 10.84 ng/ul
RT: 19.78 min Scan# 2840
Delta R.T. 0.01 min
Lab File: BG027160.D
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	17.6	11.0	16.4#
100	14.9	8.1	12.1#





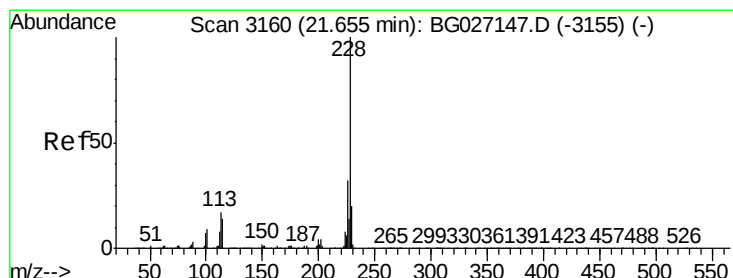
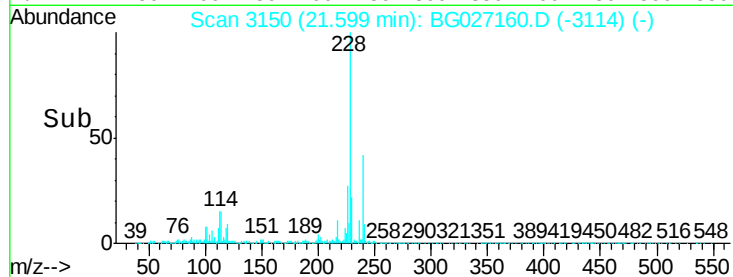
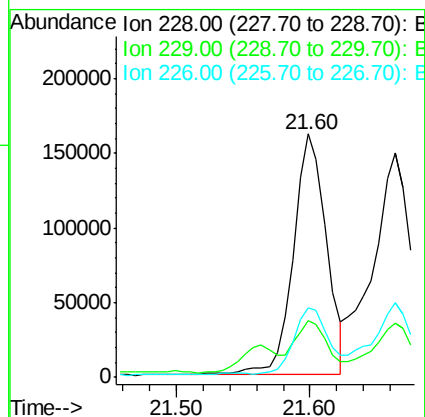
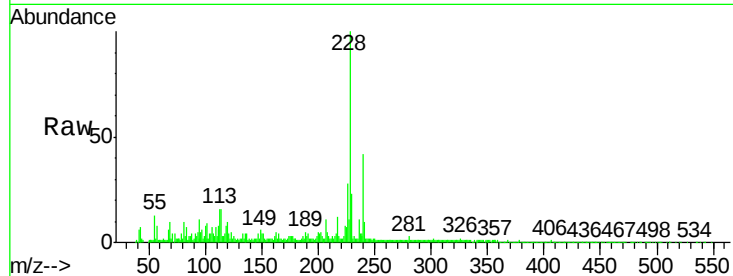
#20
Benzo(a)anthracene
Concen: 6.95 ng/ul
RT: 21.60 min Scan# 3150
Delta R.T. 0.01 min
Lab File: BG027160.D
Acq: 25 May 2017 11:52

Instrument :
BNA_G
ClientSampleId :
DACB0

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	23.1	15.7	23.5
226	28.3	21.1	31.7

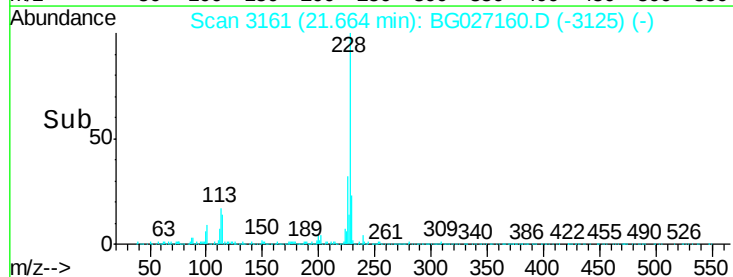
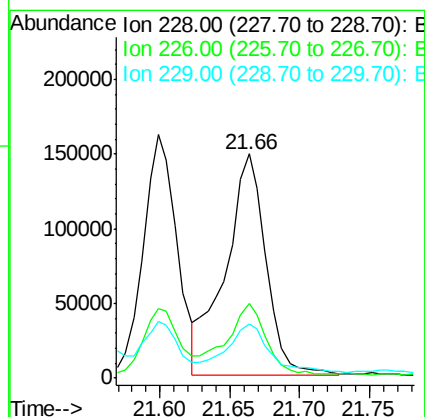
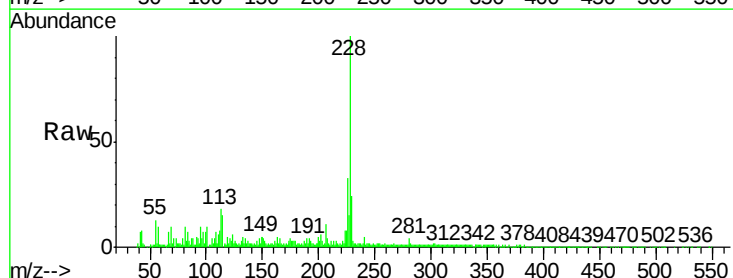
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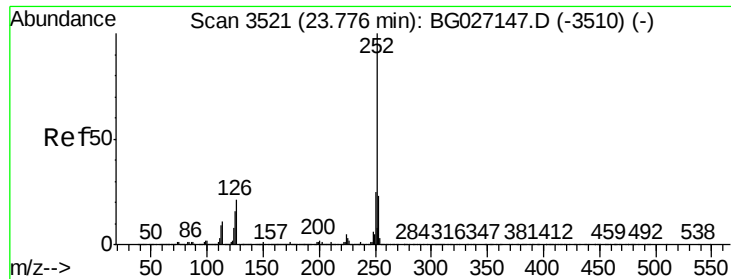
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#21
Chrysene
Concen: 8.36 ng/ul m
RT: 21.66 min Scan# 3161
Delta R.T. 0.01 min
Lab File: BG027160.D
Acq: 25 May 2017 11:52

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	33.1	24.5	36.7
229	23.9	15.8	23.8#





#23

Benzo(b)fluoranthene

Concen: 14.74 ng/ul

RT: 23.80 min Scan# 3525

Delta R.T. 0.03 min

Lab File: BG027160.D

Acq: 25 May 2017 11:52

Instrument :

BNA_G

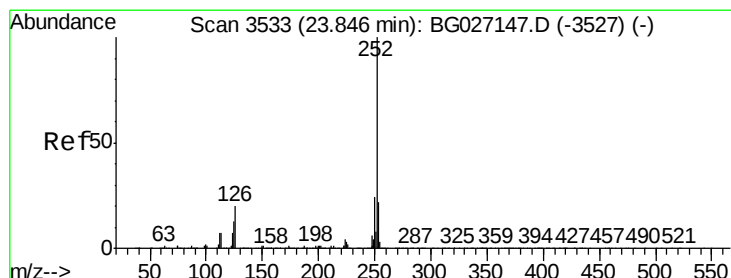
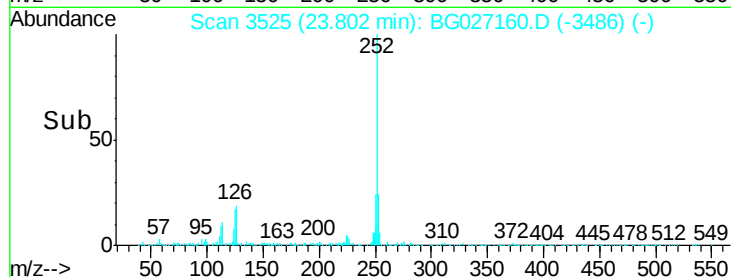
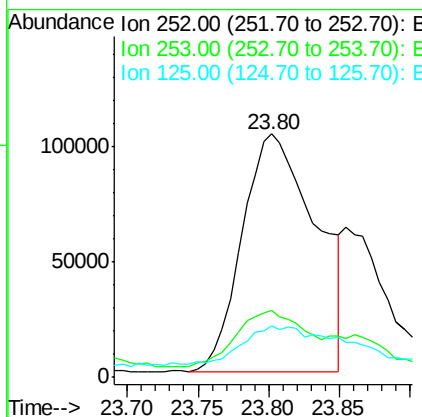
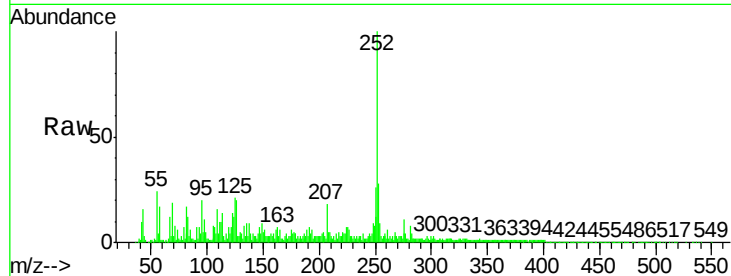
ClientSampleId :

DACB0

Tgt Ion:	252	Resp:	376021
Ion Ratio	Lower	Upper	
252	100		
253	27.5	18.0	27.0#
125	21.0	8.0	12.0#

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#24

Benzo(k)fluoranthene

Concen: 6.27 ng/ul m

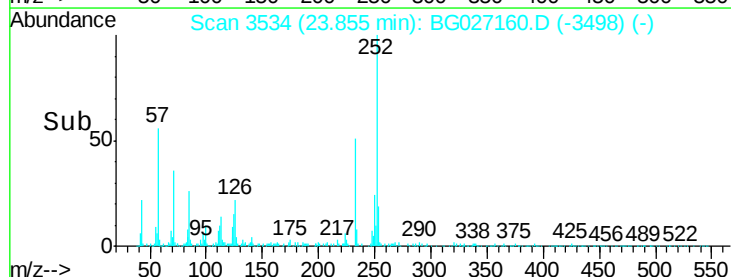
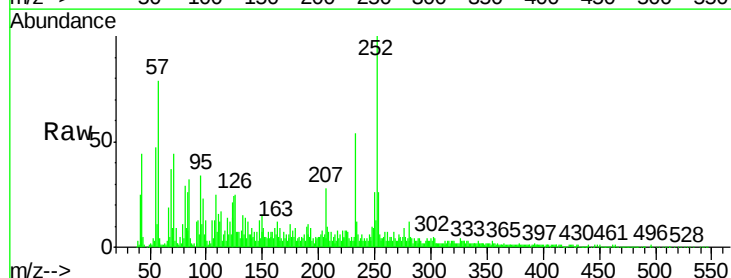
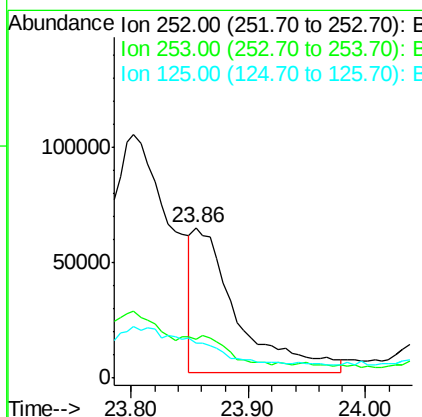
RT: 23.86 min Scan# 3534

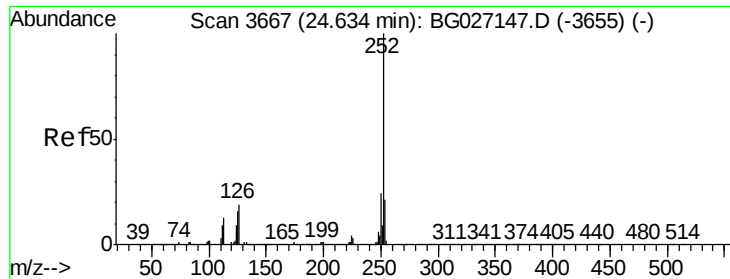
Delta R.T. 0.01 min

Lab File: BG027160.D

Acq: 25 May 2017 11:52

Tgt Ion:	252	Resp:	164500
Ion Ratio	Lower	Upper	
252	100		
253	26.0	18.0	27.0
125	23.5	8.1	12.1#





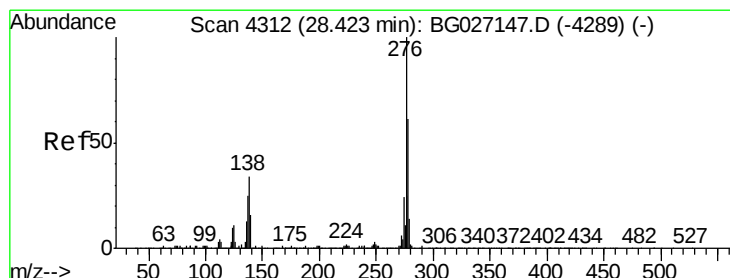
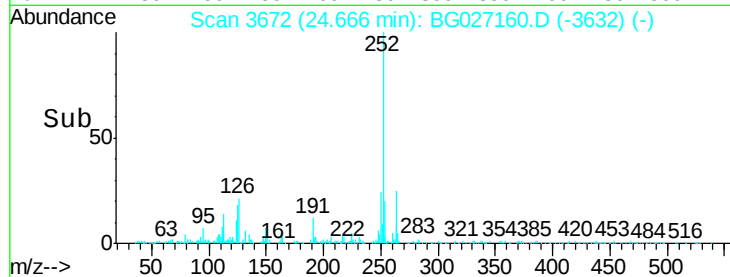
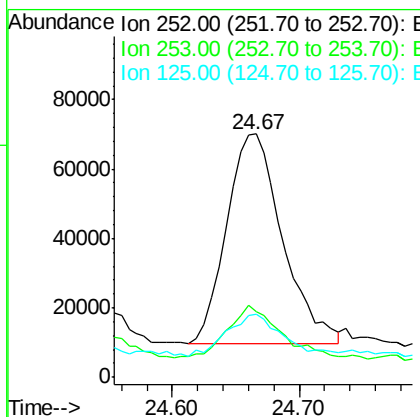
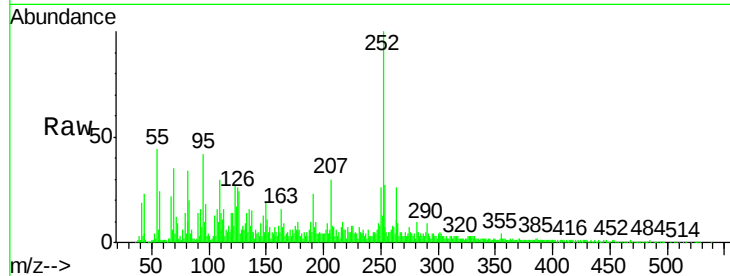
#26
Benzo(a)pyrene
Concen: 7.40 ng/ul
RT: 24.67 min Scan# 3672
Delta R.T. 0.03 min
Lab File: BG027160.D
Acq: 25 May 2017 11:52

Instrument :
BNA_G
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DACB0

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	184737		
253	26.7	17.2	25.8#	
125	26.1	8.2	12.4#	

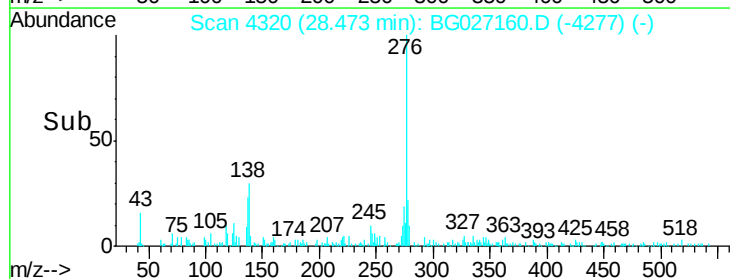
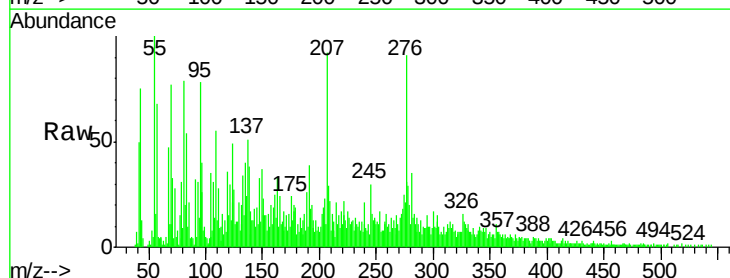
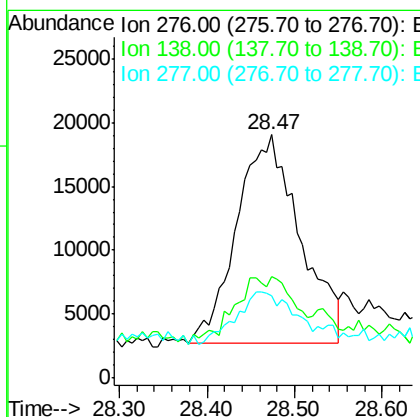
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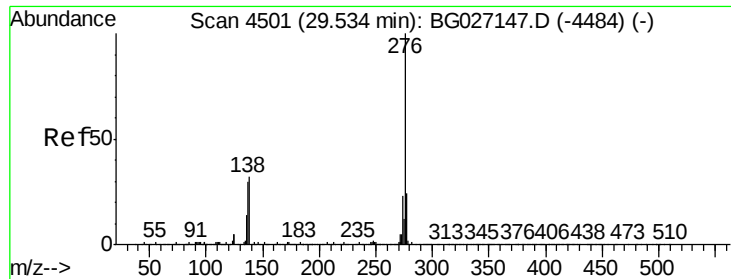
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#27
Indeno(1,2,3-cd)pyrene
Concen: 3.54 ng/ul
RT: 28.47 min Scan# 4320
Delta R.T. 0.05 min
Lab File: BG027160.D
Acq: 25 May 2017 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	81292		
138	41.5	14.4	21.6#	
277	33.9	18.0	27.0#	





#29

Benzo(g,h,i)perylene

Concen: 2.82 ng/ul

RT: 29.61 min Scan# 4514

Delta R.T. 0.08 min

Lab File: BG027160.D

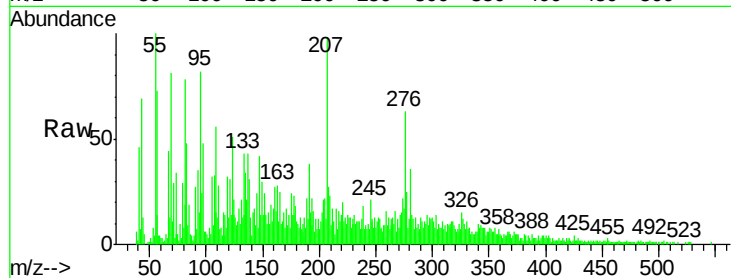
Acq: 25 May 2017 11:52

Instrument :

BNA_G

ClientSampleId :

DACB0



Tgt Ion:	276	Resp:	51474
Ion Ratio	Lower	Upper	
276	100		
138	49.4	15.3	22.9#
277	39.1	19.0	28.4#

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