

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052417\
 Data File : BG027120.D
 Acq On : 24 May 2017 7:43
 Operator : SJ/MA
 Sample : I3276-16
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAC90

Manual Integrations
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Quant Time: May 24 08:33:13 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 24 01:50:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	221868	20.00	ng/ul	0.00
2) Naphthalene-d8	10.80	136	1023091	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	524757	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.36	188	944907	20.00	ng/ul	0.00
17) Chrysene-d12	21.61	240	829971	20.00	ng/ul	0.00
22) Perylene-d12	24.78	264	738167	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.31	160	1233159	22.91	ng/ul	0.00
10) Fluorene-d10	15.60	176	772306	21.51	ng/ul	0.00
14) Anthracene-d10	17.46	188	1026850m	22.29	ng/ul	0.00
18) Pyrene-d10	19.74	212	988334	22.81	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.56	264	836758	22.81	ng/ul	0.00
Target Compounds						
13) Phenanthrene	17.40	178	805286	15.25	ng/ul	Qvalue 97
15) Anthracene	17.49	178	161124	2.97	ng/ul	98
16) Fluoranthene	19.41	202	1747230	32.35	ng/ul#	89
19) Pyrene	19.77	202	1542484	28.43	ng/ul#	85
20) Benzo(a)anthracene	21.59	228	878572	17.57	ng/ul	95
21) Chrysene	21.66	228	835276	18.19	ng/ul	97
23) Benzo(b)fluoranthene	23.78	252	1195700	27.25	ng/ul#	92
24) Benzo(k)fluoranthene	23.83	252	510189m	11.31	ng/ul	
26) Benzo(a)pyrene	24.63	252	759224	17.69	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	28.40	276	441583m	11.19	ng/ul	
28) Dibenzo(a,h)anthracene	28.42	278	90537m	2.66	ng/ul	
29) Benzo(g,h,i)perylene	29.54	276	308285m	9.82	ng/ul	

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

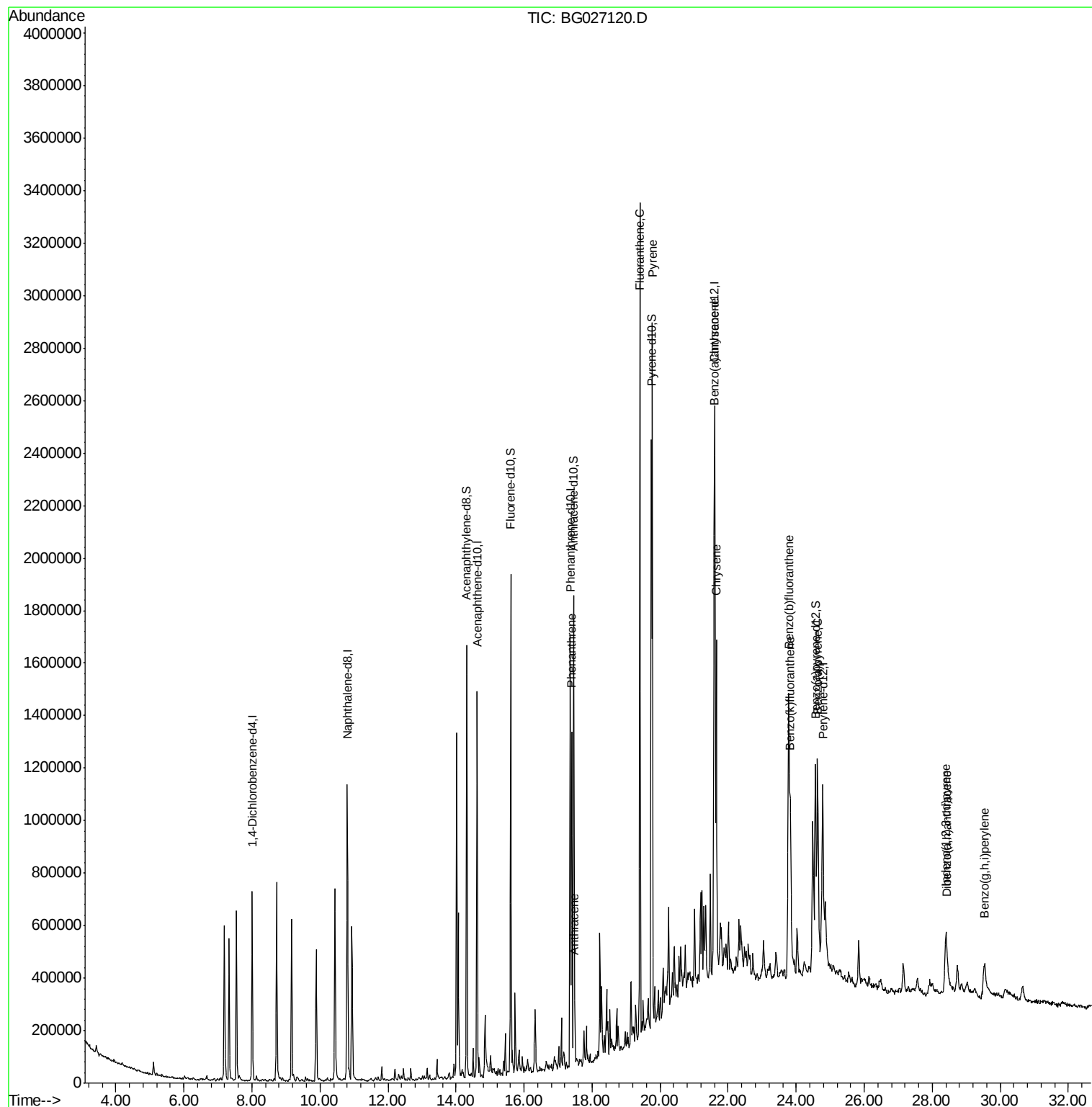
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052417\
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Sample : I3276-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

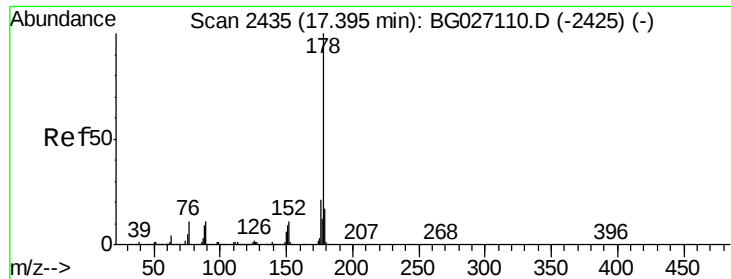
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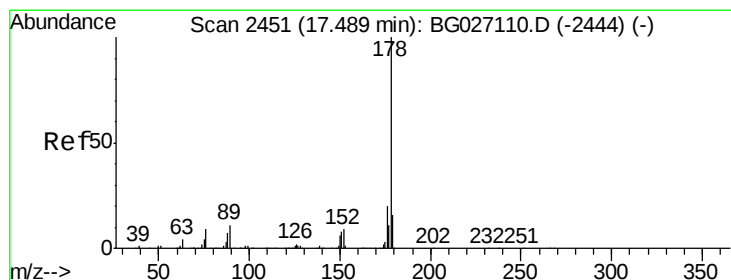
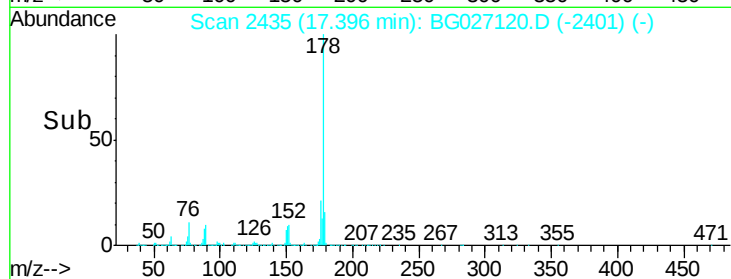
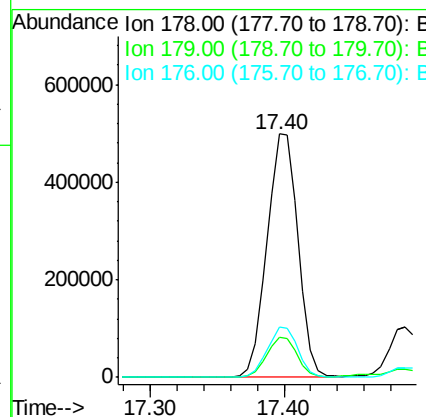
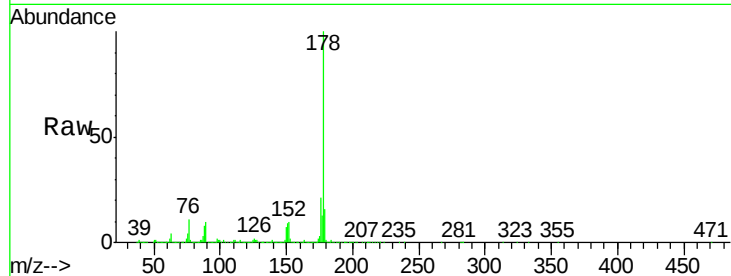
#13
Phenanthrene
Concen: 15.25 ng/ul
RT: 17.40 min Scan# 2435
Delta R.T. 0.00 min
Lab File: BG027120.D
Acq: 24 May 2017 7:43

Instrument :
BNA_G
ClientSampleId :
DAC90

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.3	18.5
176	20.6	15.1	22.7

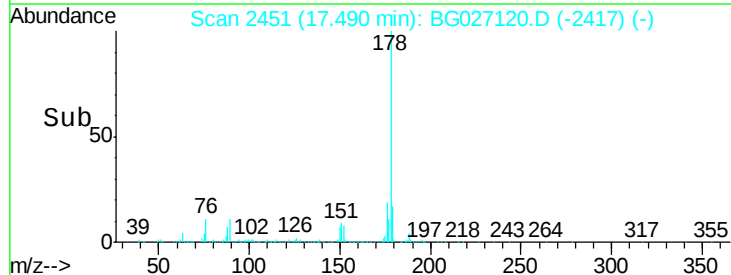
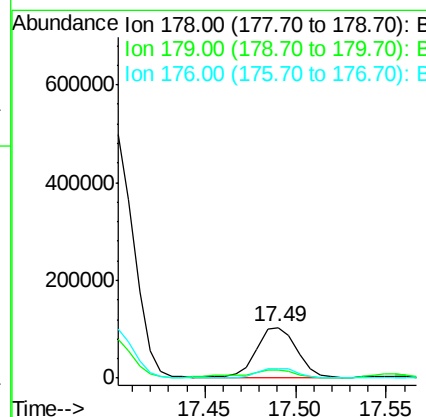
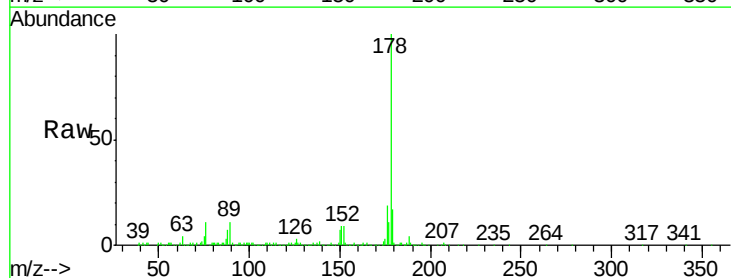
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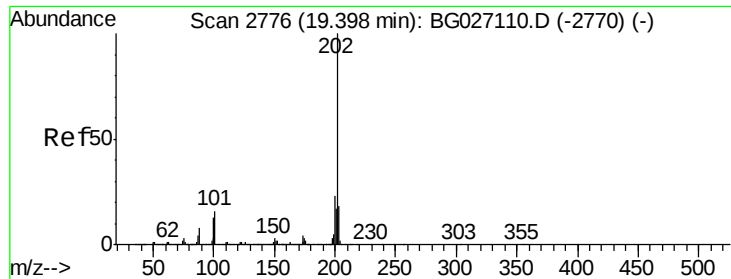
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#15
Anthracene
Concen: 2.97 ng/ul
RT: 17.49 min Scan# 2451
Delta R.T. 0.00 min
Lab File: BG027120.D
Acq: 24 May 2017 7:43

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.7	11.8	17.8
176	19.3	15.2	22.8





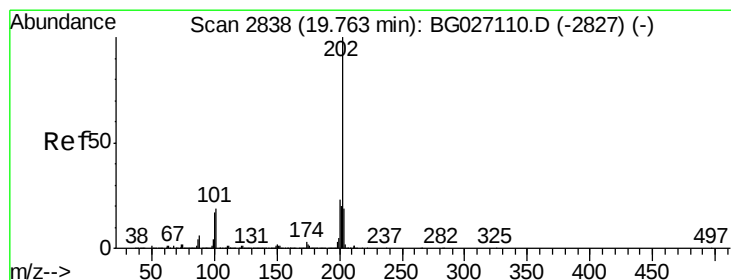
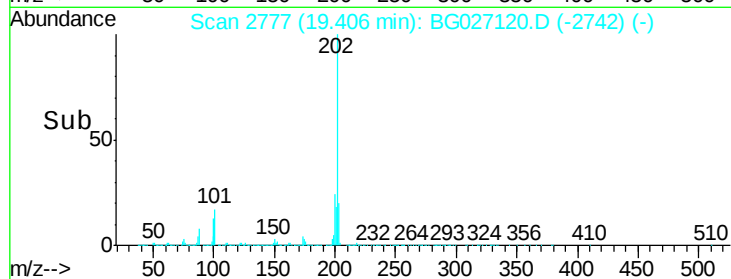
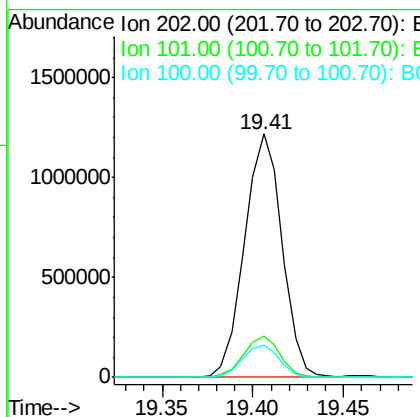
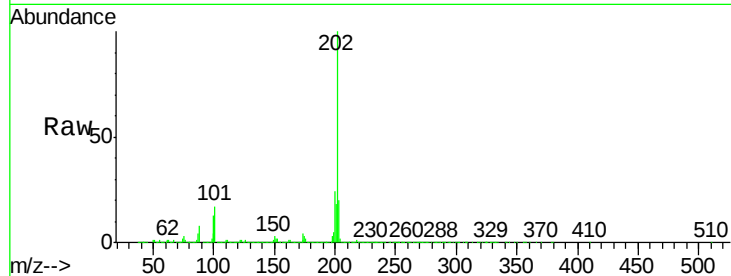
#16
Fluoranthene
 Concen: 32.35 ng/ul
 RT: 19.41 min Scan# 2777
 Delta R.T. 0.01 min
 Lab File: BG027120.D
 Acq: 24 May 2017 7:43

Instrument :
 BNA_G
 ClientSampleId :
 DAC90

Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.8	9.9	14.9#
100	13.1	7.4	11.0#

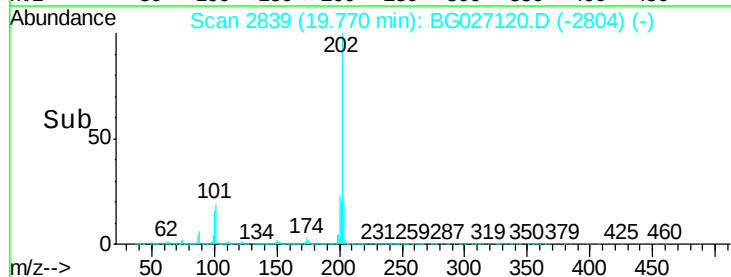
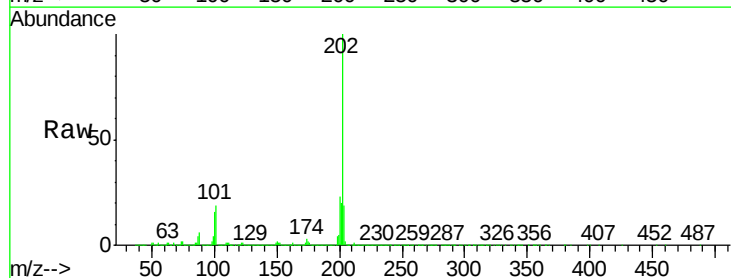
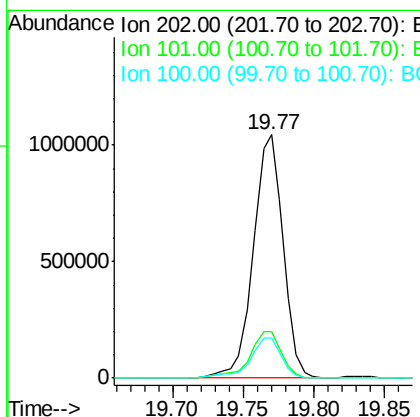
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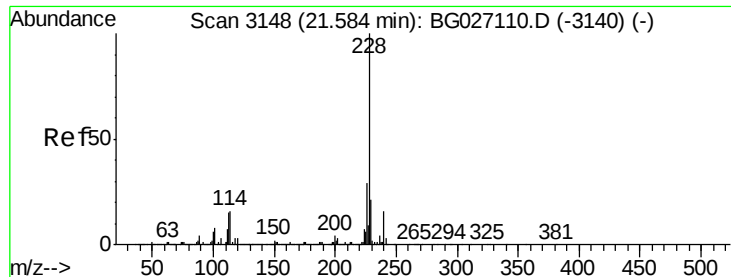
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#19
Pyrene
 Concen: 28.43 ng/ul
 RT: 19.77 min Scan# 2839
 Delta R.T. 0.01 min
 Lab File: BG027120.D
 Acq: 24 May 2017 7:43

Tgt Ion	Ratio	Lower	Upper
202	100		
101	19.0	11.0	16.4#
100	16.5	8.1	12.1#





#20

Benzo(a)anthracene

Concen: 17.57 ng/ul

RT: 21.59 min Scan# 3148

Delta R.T. 0.00 min

Lab File: BG027120.D

Acq: 24 May 2017 7:43

Instrument :

BNA_G

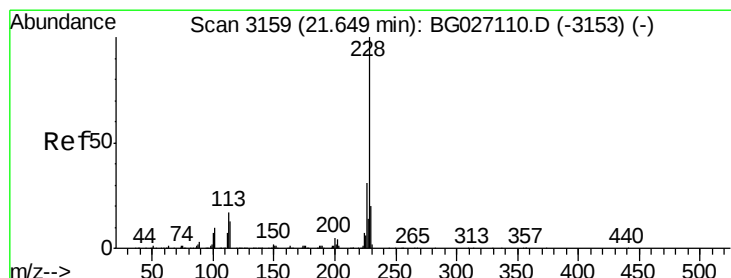
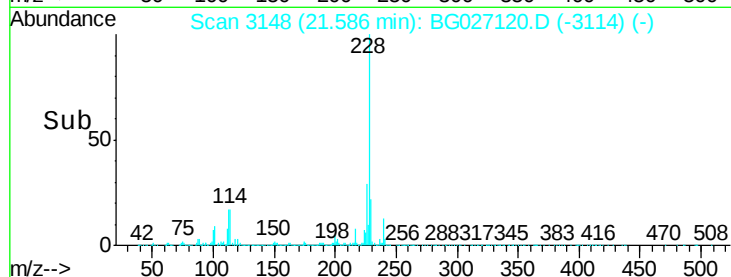
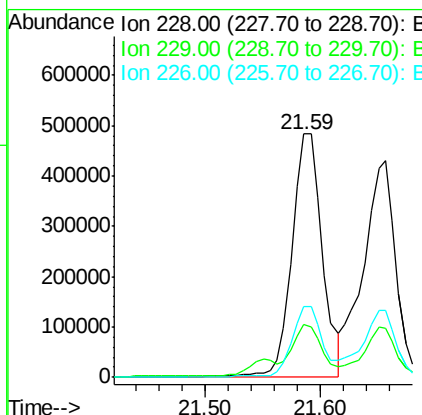
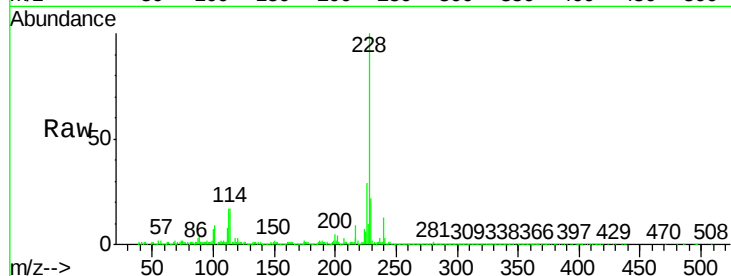
ClientSampleId :

DAC90

Tgt Ion:	228	Resp:	878572
Ion Ratio	Lower	Upper	
228	100		
229	21.8	15.7	23.5
226	29.1	21.1	31.7

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#21

Chrysene

Concen: 18.19 ng/ul

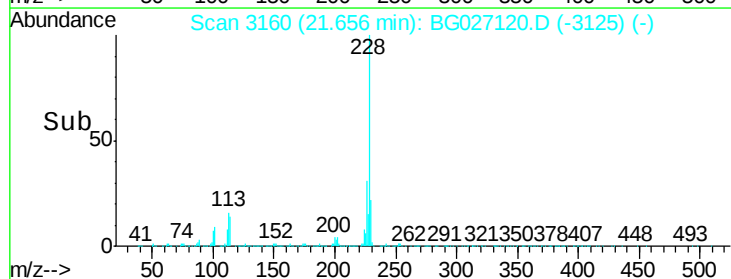
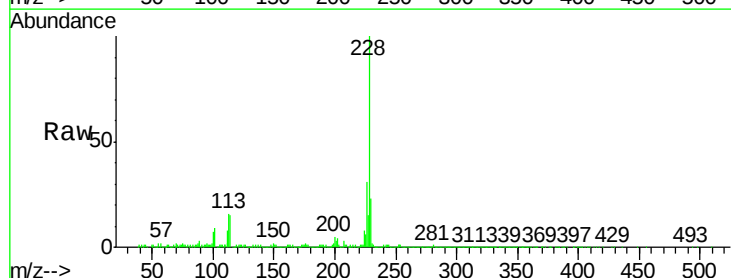
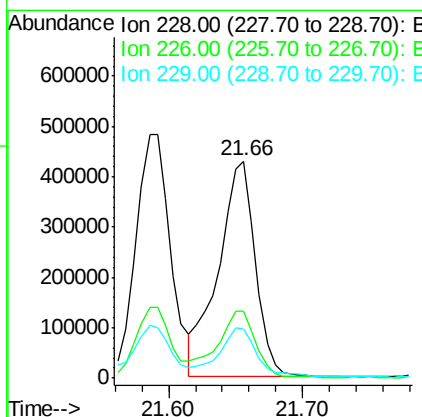
RT: 21.66 min Scan# 3160

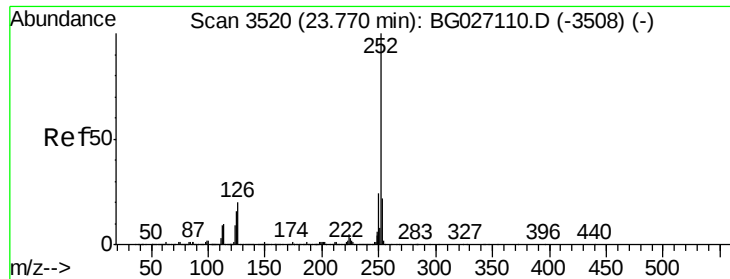
Delta R.T. 0.01 min

Lab File: BG027120.D

Acq: 24 May 2017 7:43

Tgt Ion:	228	Resp:	835276
Ion Ratio	Lower	Upper	
228	100		
226	30.9	24.5	36.7
229	22.7	15.8	23.8





#23

Benzo(b)fluoranthene

Concen: 27.25 ng/ul

RT: 23.78 min Scan# 3521

Delta R.T. 0.01 min

Lab File: BG027120.D

Acq: 24 May 2017 7:43

Instrument :

BNA_G

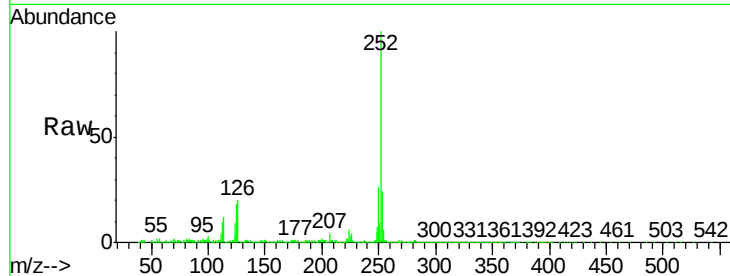
ClientSampleId :

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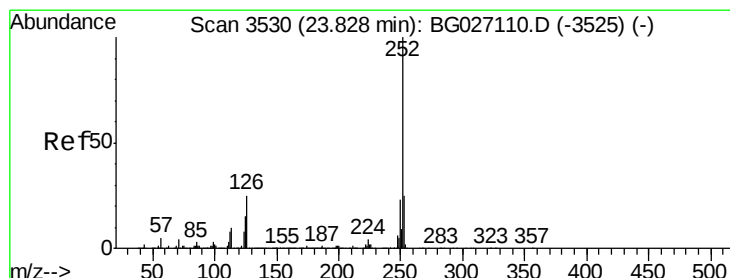
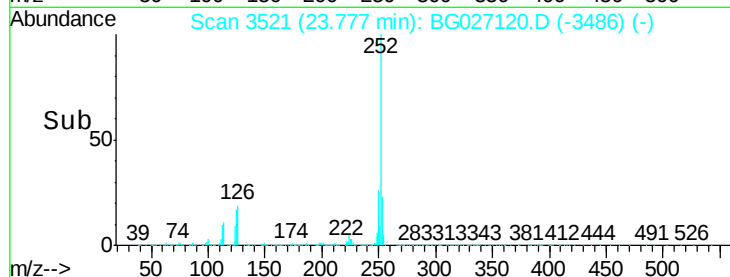
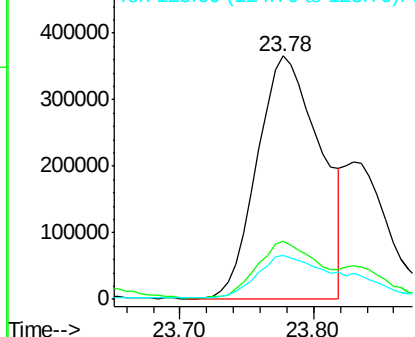
Tgt Ion:	252	Resp:	1195700
Ion Ratio	Lower	Upper	
252	100		
253	23.8	18.0	27.0
125	17.9	8.0	12.0#

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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



#24

Benzo(k)fluoranthene

Concen: 11.31 ng/ul m

RT: 23.83 min Scan# 3530

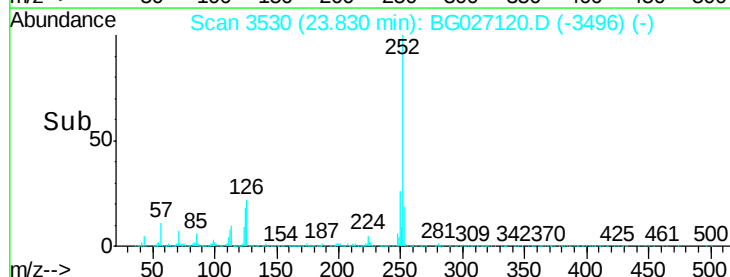
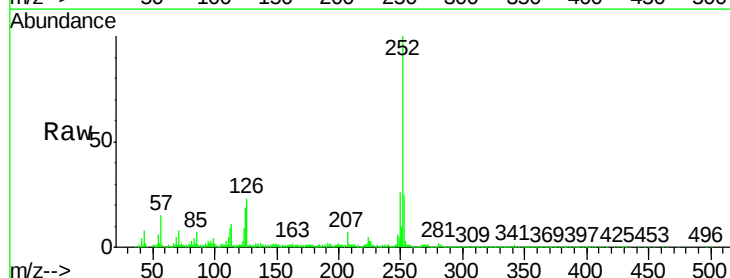
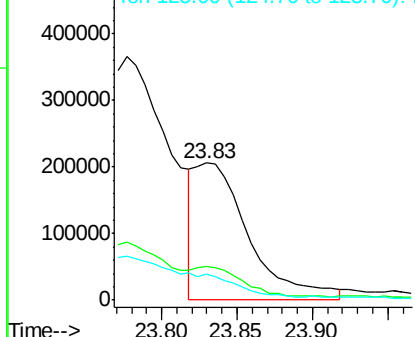
Delta R.T. 0.00 min

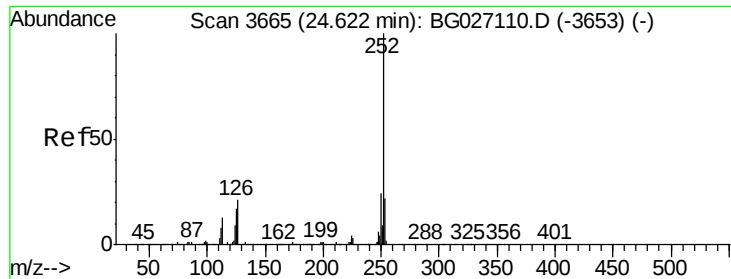
Lab File: BG027120.D

Acq: 24 May 2017 7:43

Tgt Ion:	252	Resp:	510189
Ion Ratio	Lower	Upper	
252	100		
253	24.7	18.0	27.0
125	18.8	8.1	12.1#

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: 17.69 ng/ul

RT: 24.63 min Scan# 3666

Delta R.T. 0.01 min

Lab File: BG027120.D

Acq: 24 May 2017 7:43

Instrument :

BNA_G

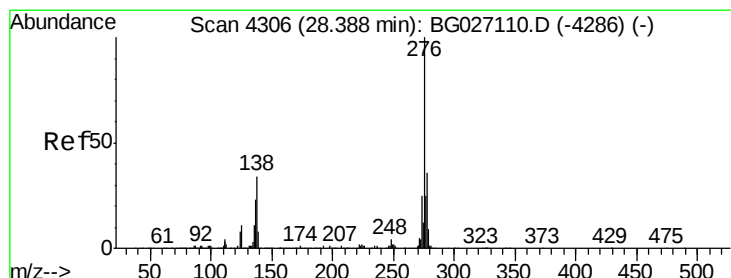
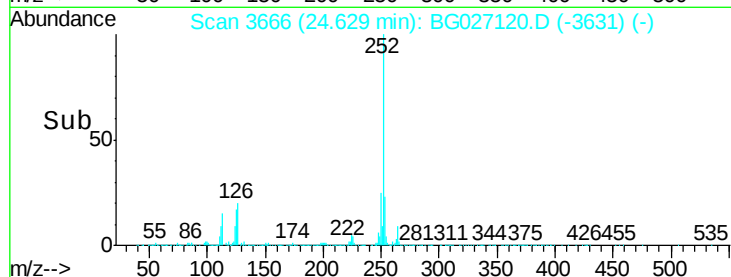
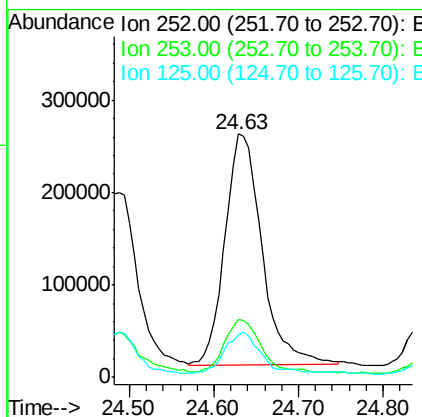
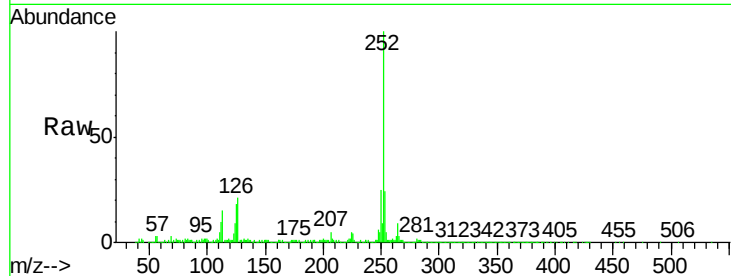
ClientSampleId :

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Tgt	Ion	Ratio	Resp	Lower	Upper
252	100		759224		
253	24.0	17.2	25.8		
125	17.7	8.2	12.4#		

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#27

Indeno(1,2,3-cd)pyrene

Concen: 11.19 ng/ul m

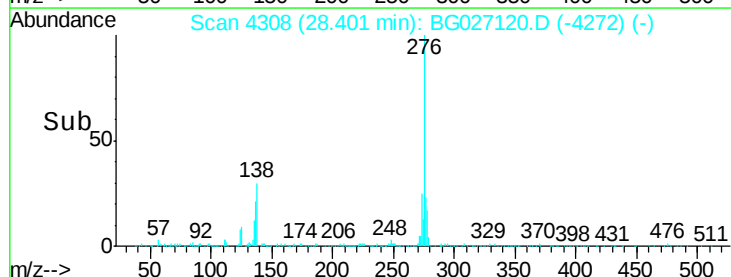
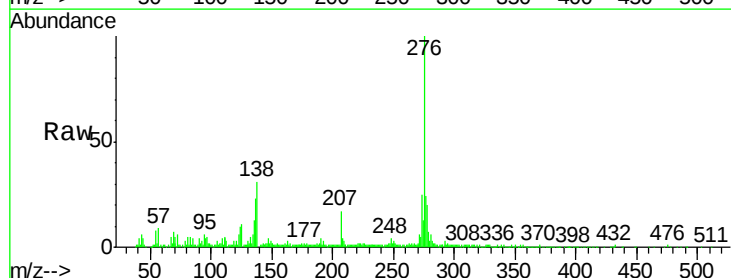
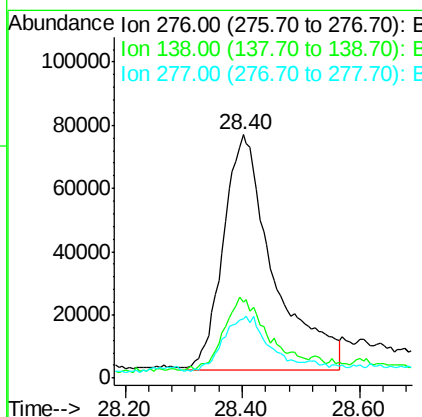
RT: 28.40 min Scan# 4308

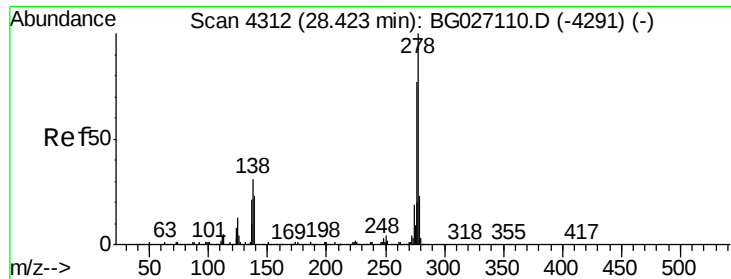
Delta R.T. 0.01 min

Lab File: BG027120.D

Acq: 24 May 2017 7:43

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		441583		
138	31.4	14.4	21.6#		
277	24.4	18.0	27.0		





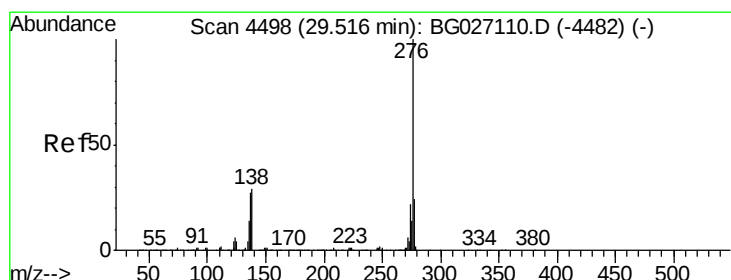
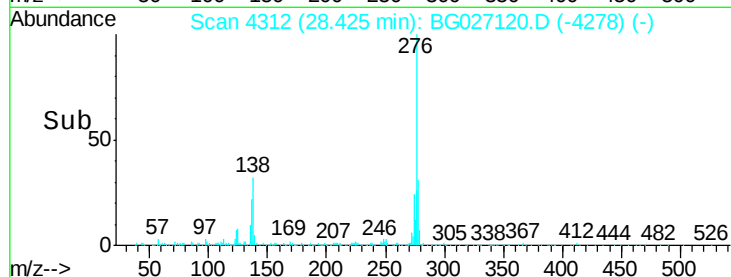
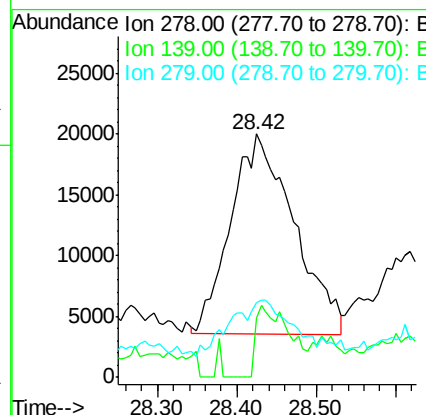
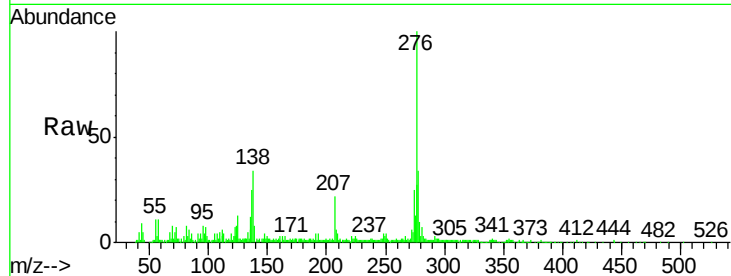
#28
Dibenzo(a,h)anthracene
Concen: 2.66 ng/ul m
RT: 28.42 min Scan# 4312
Delta R.T. 0.00 min
Lab File: BG027120.D
Acq: 24 May 2017 7:43

Instrument :
BNA_G
ClientSampled :
DAC90

Tgt Ion	Ratio	Lower	Upper
278	100		
139	24.1	12.2	18.4#
279	30.9	19.2	28.8#

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#29
Benzo(g,h,i)perylene
Concen: 9.82 ng/ul m
RT: 29.54 min Scan# 4502
Delta R.T. 0.03 min
Lab File: BG027120.D
Acq: 24 May 2017 7:43

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.8	15.3	22.9#
277	24.8	19.0	28.4

