

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051817\
 Data File : BG027041.D
 Acq On : 19 May 2017 15:42
 Operator : SJ/MA
 Sample : I3137-04
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAC33

Manual Integrations
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 5/22/2017 11:05:36 AM

Quant Time: May 19 16:19:51 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	211569	20.00	ng/ul	0.00
2) Naphthalene-d8	10.81	136	972734	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	489629	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.36	188	871457	20.00	ng/ul	0.00
17) Chrysene-d12	21.61	240	790874	20.00	ng/ul	0.00
22) Perylene-d12	24.78	264	682751	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	14.32	160	980682	19.53	ng/ul	0.00
10) Fluorene-d10	15.61	176	610074	18.21	ng/ul	0.00
14) Anthracene-d10	17.46	188	833765m	19.62	ng/ul	0.01
18) Pyrene-d10	19.74	212	786345	19.04	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.57	264	670282	19.76	ng/ul	0.02
Target Compounds						
4) 2-Methylnaphthalene	12.46	142	47464	1.27	ng/ul	Qvalue 96
13) Phenanthrene	17.40	178	146131	3.00	ng/ul	98
16) Fluoranthene	19.40	202	342248	6.87	ng/ul#	89
19) Pyrene	19.77	202	298779	5.78	ng/ul#	90
20) Benzo(a)anthracene	21.59	228	180846	3.80	ng/ul	95
21) Chrysene	21.65	228	205445	4.70	ng/ul	97
23) Benzo(b)fluoranthene	23.78	252	241088	5.94	ng/ul#	91
24) Benzo(k)fluoranthene	23.83	252	107906m	2.59	ng/ul	
26) Benzo(a)pyrene	24.63	252	137469	3.46	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	28.42	276	74987m	2.05	ng/ul	
29) Benzo(g,h,i)perylene	29.54	276	40238m	1.39	ng/ul	

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

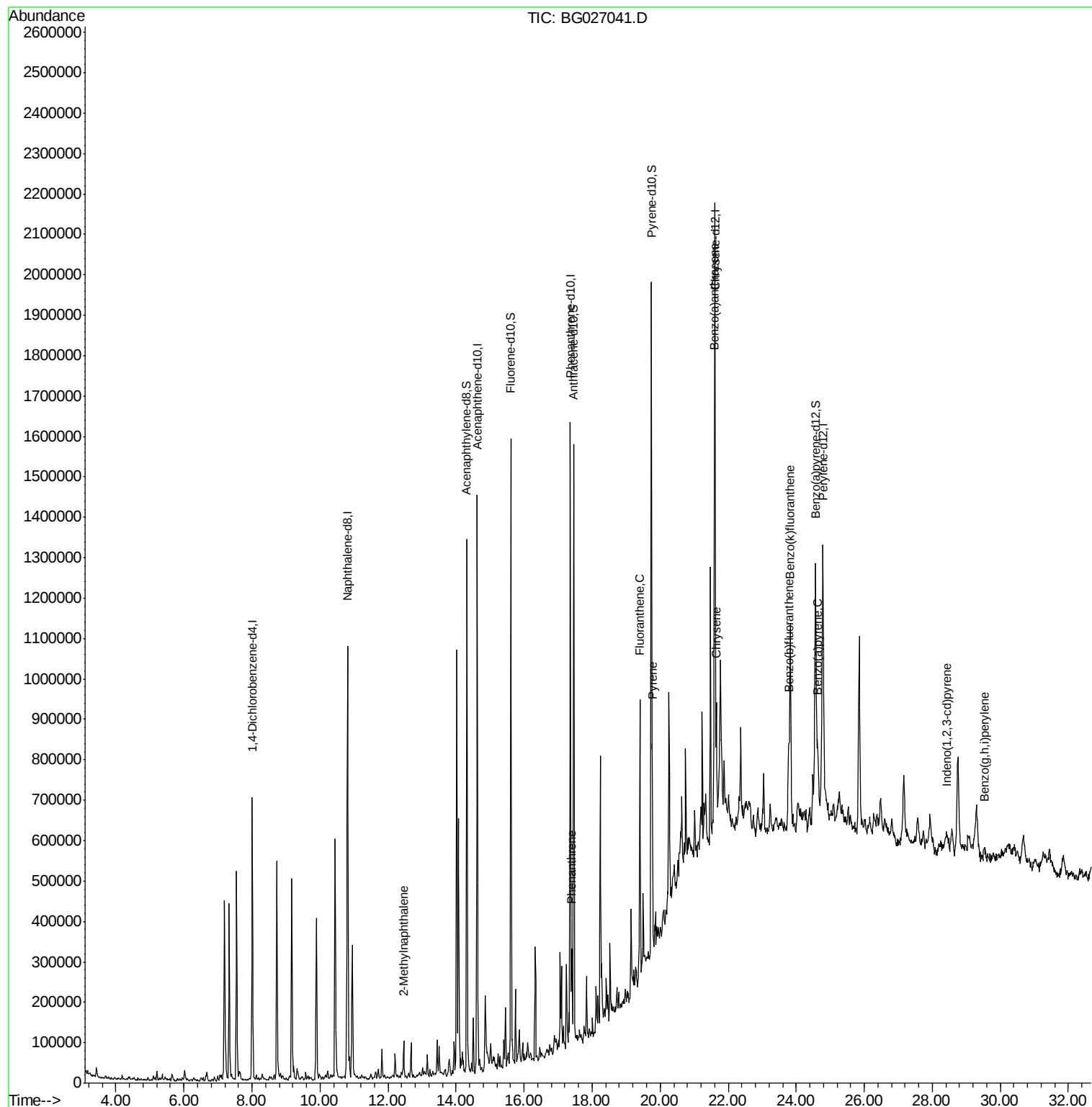
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051817\
Data File : BG027041.D
Acq On : 19 May 2017 15:42
Operator : SJ/MA
Sample : I3137-04
Misc :
ALS Vial : 39 Sample Multiplier: 1

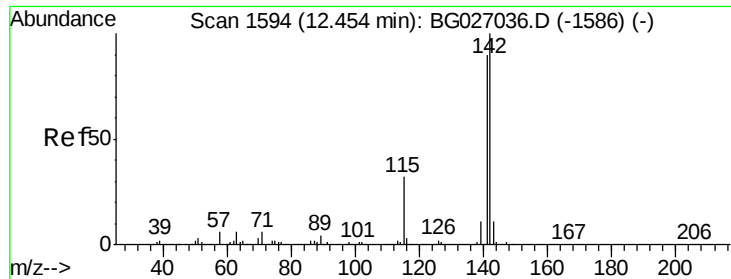
Instrument :
BNA_G
ClientSampled :
DAC33

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Quant Time: May 19 16:19:51 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





#4

2-Methylnaphthalene

Concen: 1.27 ng/ul

RT: 12.46 min Scan# 1595

Delta R.T. 0.01 min

Lab File: BG027041.D

Acq: 19 May 2017 15:42

Instrument :

BNA_G

ClientSampleId :

DAC33

Tgt Ion:142 Resp: 47464

Ion Ratio Lower Upper

142 100

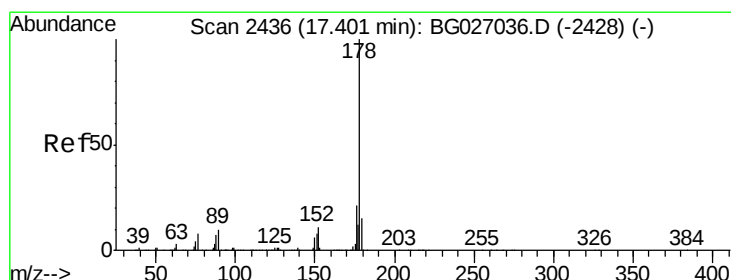
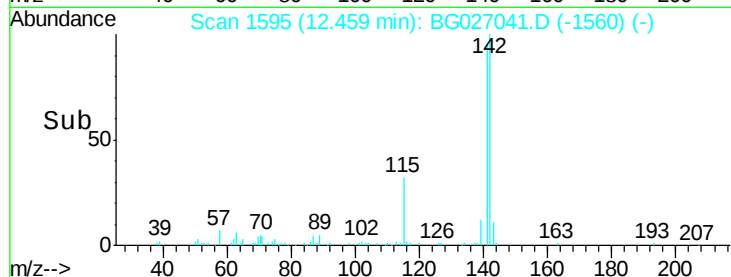
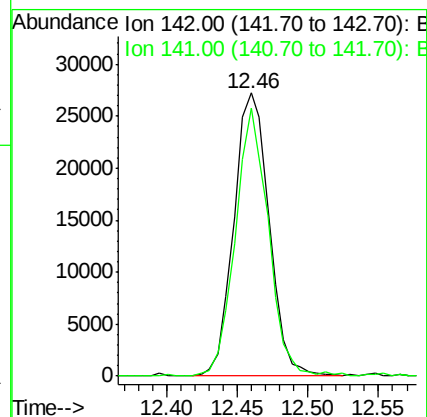
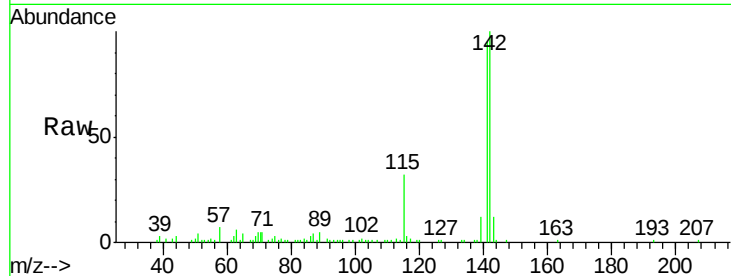
141 94.8 72.7 109.1

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#13

Phenanthrene

Concen: 3.00 ng/ul

RT: 17.40 min Scan# 2436

Delta R.T. 0.01 min

Lab File: BG027041.D

Acq: 19 May 2017 15:42

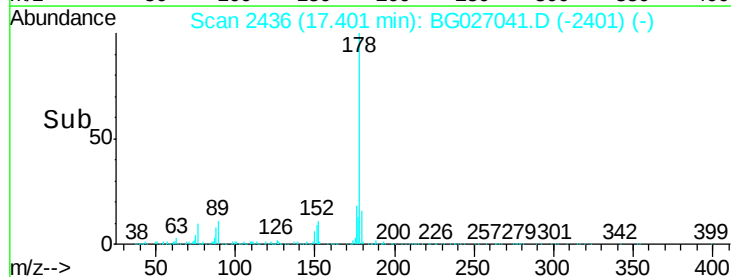
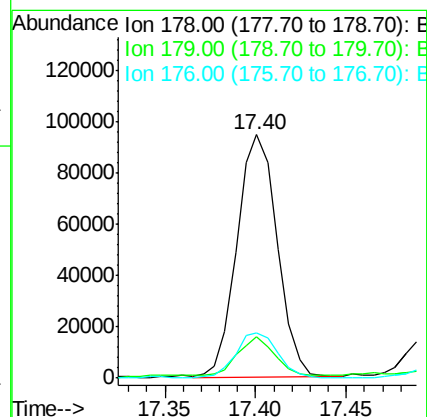
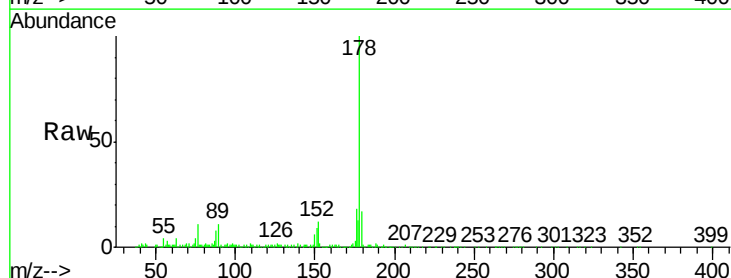
Tgt Ion:178 Resp: 146131

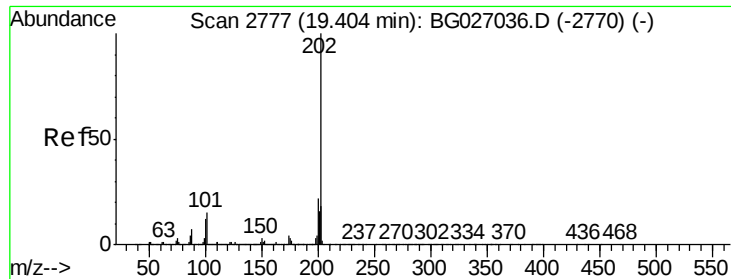
Ion Ratio Lower Upper

178 100

179 16.8 12.3 18.5

176 18.5 15.1 22.7





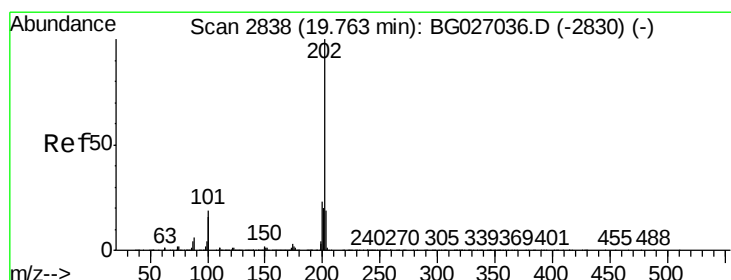
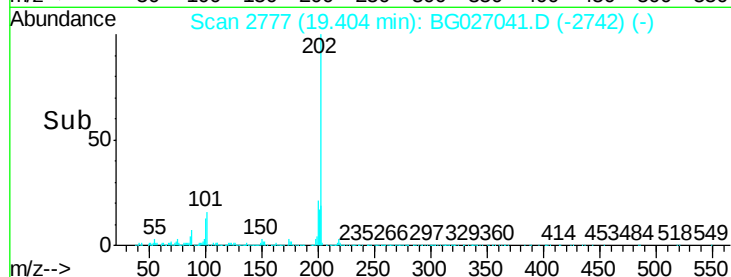
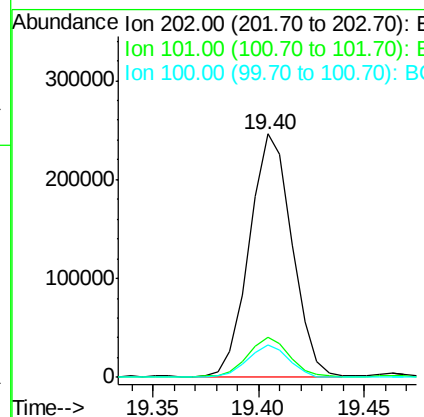
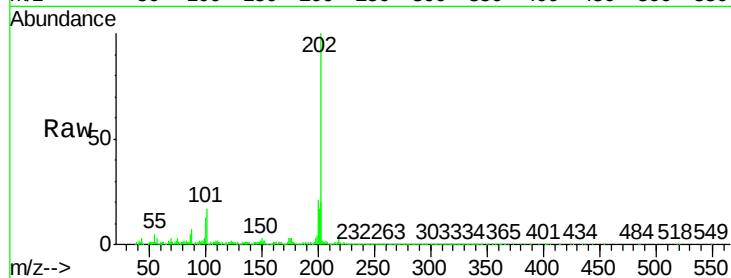
#16
Fluoranthene
 Concen: 6.87 ng/ul
 RT: 19.40 min Scan# 2777
 Delta R.T. 0.01 min
 Lab File: BG027041.D
 Acq: 19 May 2017 15:42

Instrument :
 BNA_G
 ClientSampleId :
 DAC33

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	16.6	9.9	14.9#
100	13.3	7.4	11.0#

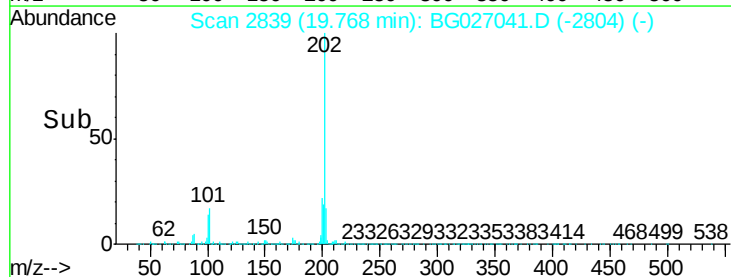
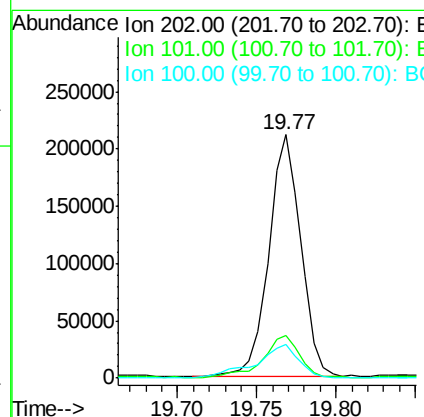
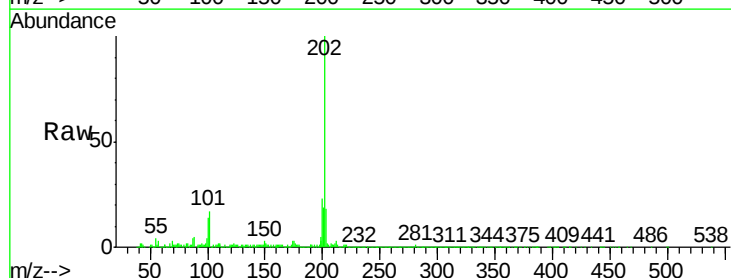
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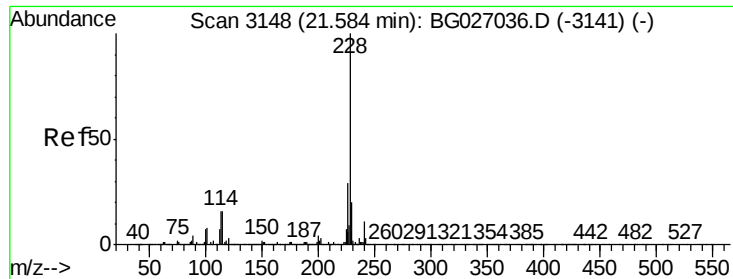
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#19
Pyrene
 Concen: 5.78 ng/ul
 RT: 19.77 min Scan# 2839
 Delta R.T. 0.01 min
 Lab File: BG027041.D
 Acq: 19 May 2017 15:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	17.5	11.0	16.4#
100	14.0	8.1	12.1#





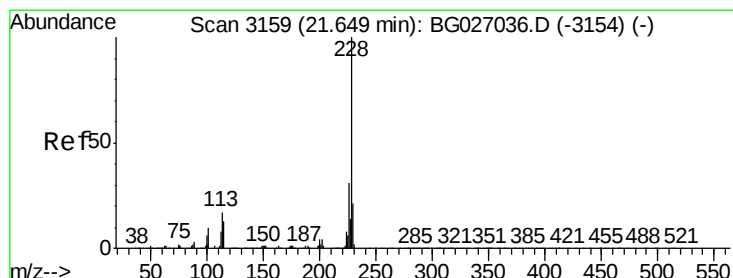
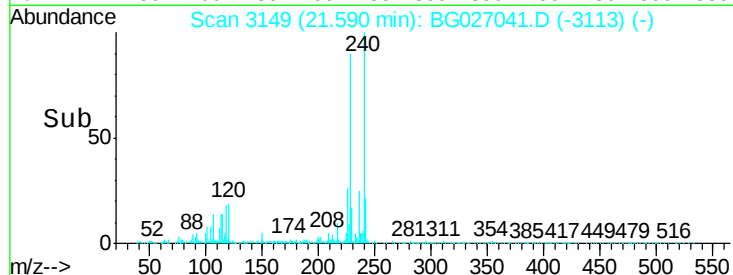
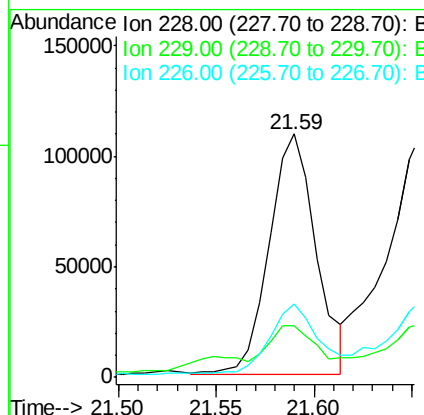
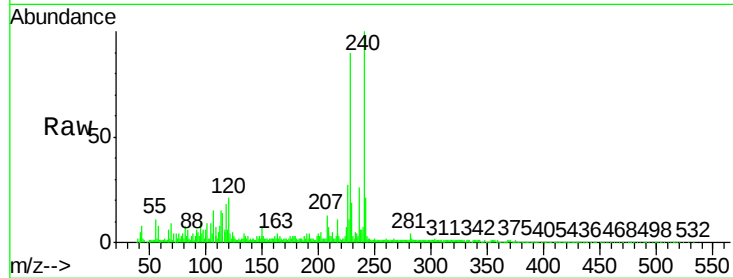
#20
Benzo(a)anthracene
Concen: 3.80 ng/ul
RT: 21.59 min Scan# 3149
Delta R.T. 0.01 min
Lab File: BG027041.D
Acq: 19 May 2017 15:42

Instrument :
BNA_G
ClientSampled :
DAC33

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	180846		
229	21.0	15.7	23.5	
226	30.1	21.1	31.7	

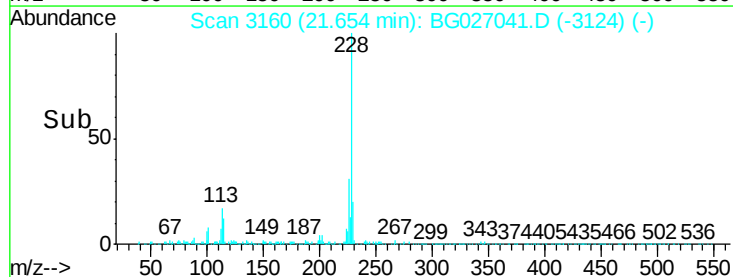
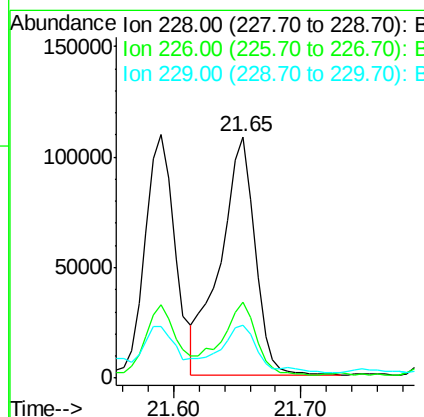
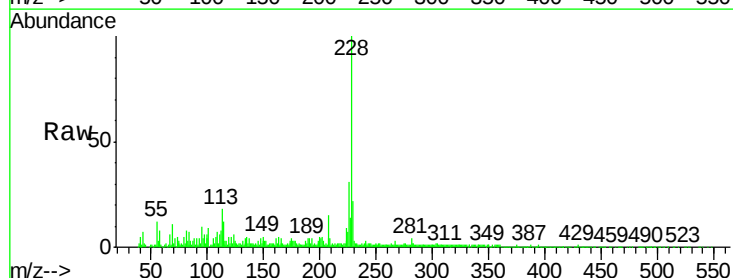
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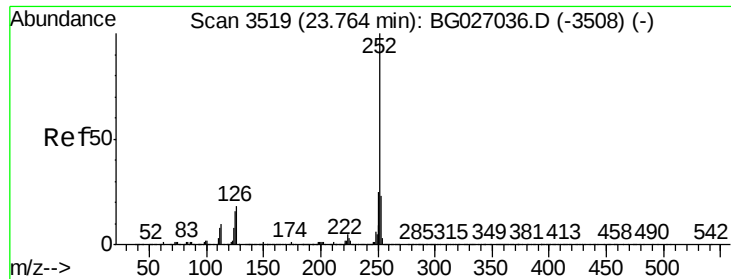
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#21
Chrysene
Concen: 4.70 ng/ul
RT: 21.65 min Scan# 3160
Delta R.T. 0.01 min
Lab File: BG027041.D
Acq: 19 May 2017 15:42

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	205445		
226	31.4	24.5	36.7	
229	21.8	15.8	23.8	





#23

Benzo(b)fluoranthene

Concen: 5.94 ng/ul

RT: 23.78 min Scan# 3521

Delta R.T. 0.02 min

Lab File: BG027041.D

Acq: 19 May 2017 15:42

Instrument :

BNA_G

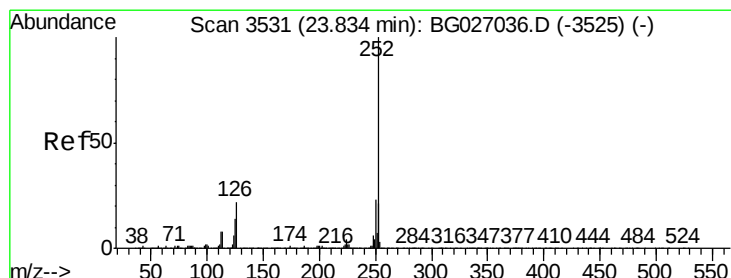
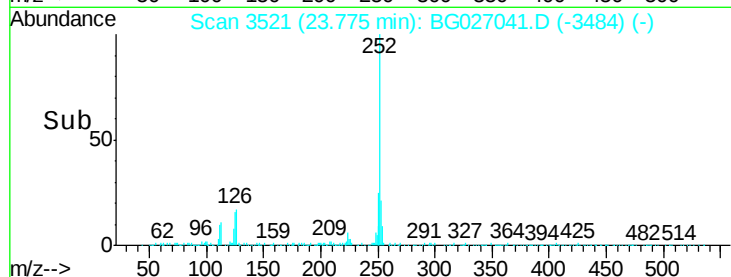
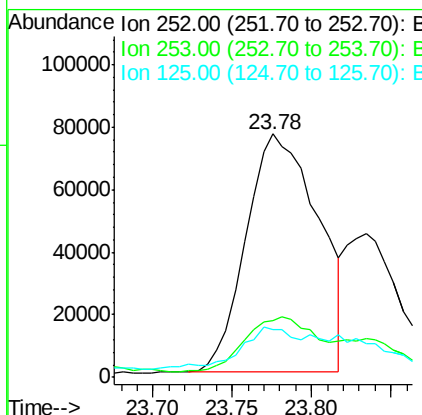
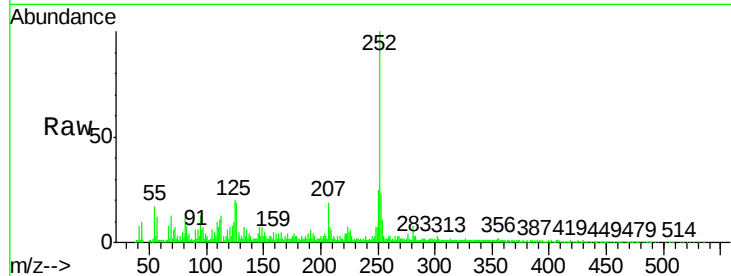
ClientSampleId :

DAC33

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	241088		
253	23.3	18.0	27.0	
125	19.5	8.0	12.0	

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#24

Benzo(k)fluoranthene

Concen: 2.59 ng/ul m

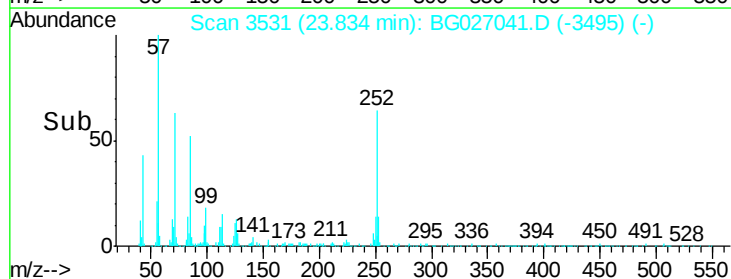
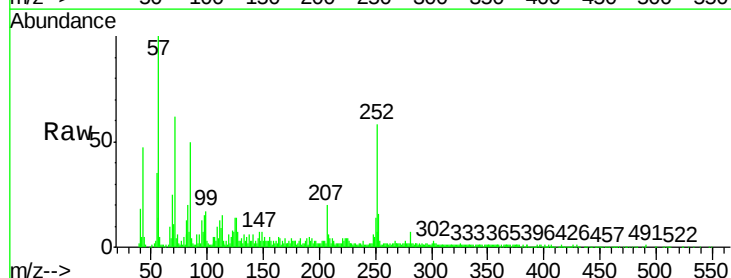
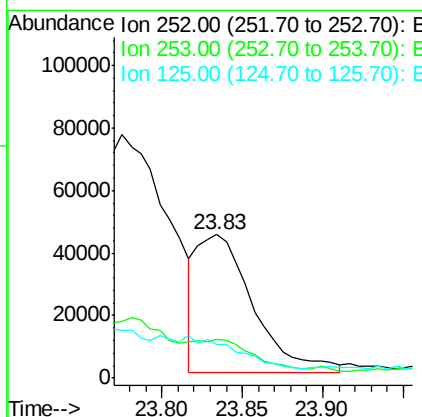
RT: 23.83 min Scan# 3531

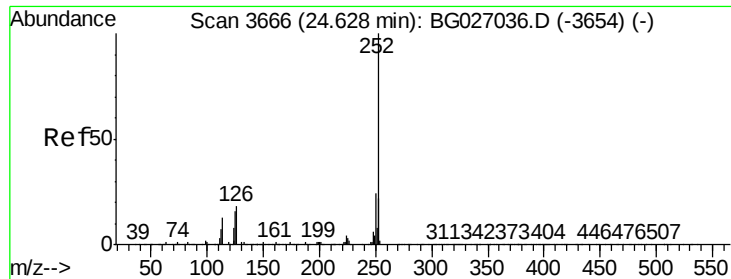
Delta R.T. 0.01 min

Lab File: BG027041.D

Acq: 19 May 2017 15:42

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	107906		
253	27.4	18.0	27.0	
125	23.7	8.1	12.1	





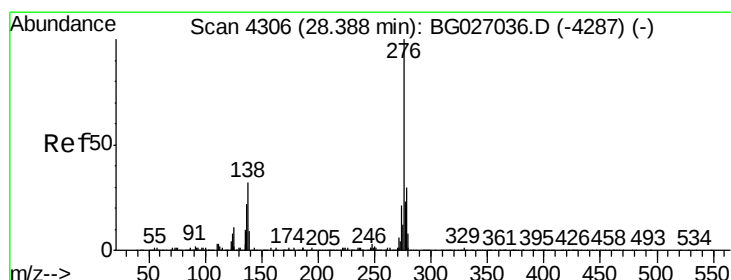
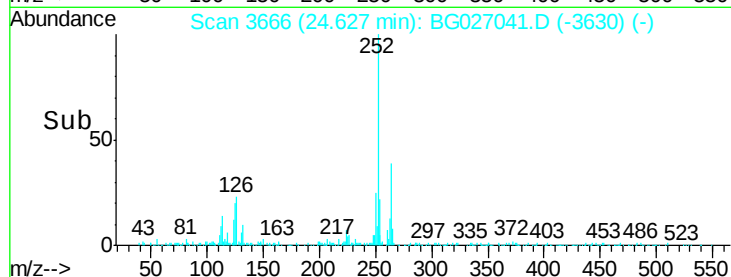
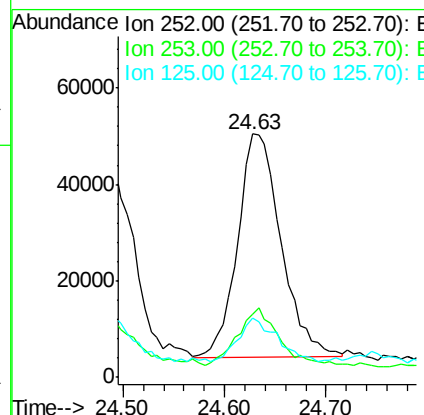
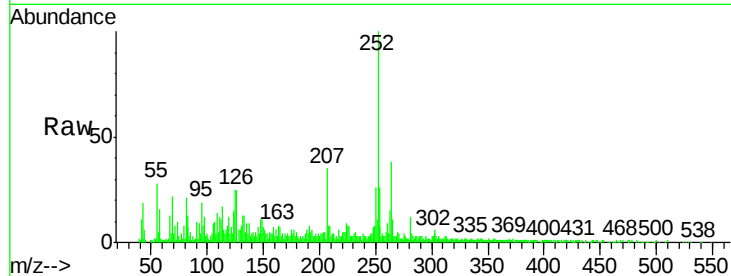
#26
Benzo(a)pyrene
Concen: 3.46 ng/ul
RT: 24.63 min Scan# 3666
Delta R.T. 0.01 min
Lab File: BG027041.D
Acq: 19 May 2017 15:42

Instrument :
BNA_G
ClientSampleId :
DAC33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.2	25.8#
125	24.6	8.2	12.4#

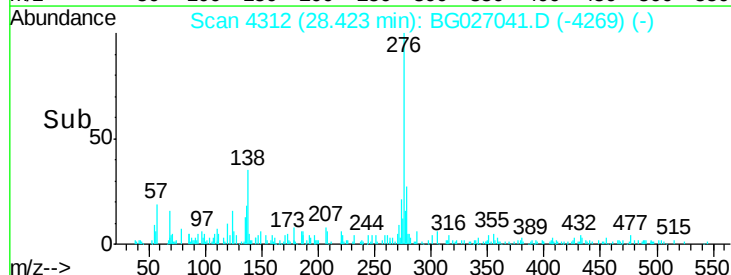
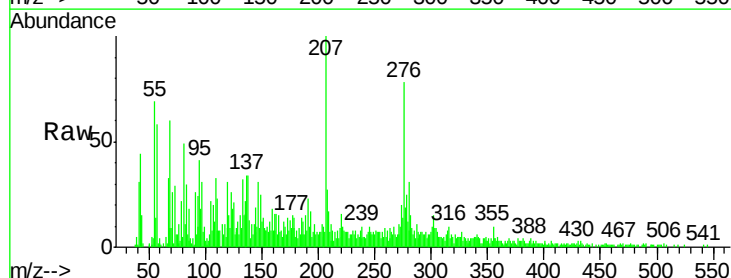
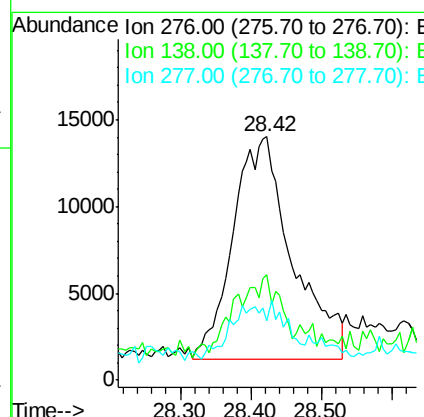
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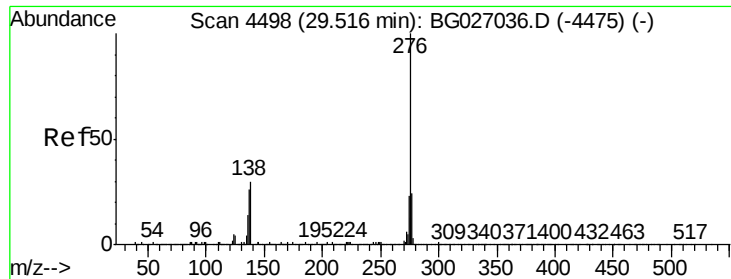
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#27
Indeno(1,2,3-cd)pyrene
Concen: 2.05 ng/ul m
RT: 28.42 min Scan# 4312
Delta R.T. 0.05 min
Lab File: BG027041.D
Acq: 19 May 2017 15:42

Tgt Ion	Ratio	Lower	Upper
276	100		
138	43.2	14.4	21.6#
277	24.2	18.0	27.0





#29

Benzo(g,h,i)perylene

Concen: 1.39 ng/ul m

RT: 29.54 min Scan# 4502

Delta R.T. 0.05 min

Lab File: BG027041.D

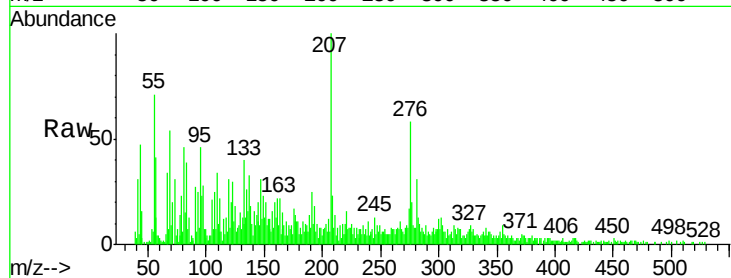
Acq: 19 May 2017 15:42

Instrument :

BNA_G

ClientSampleId :

DAC33



Tgt Ion: 276 Resp: 40238

Ion Ratio Lower Upper

276 100

138 31.6 15.3 22.9#

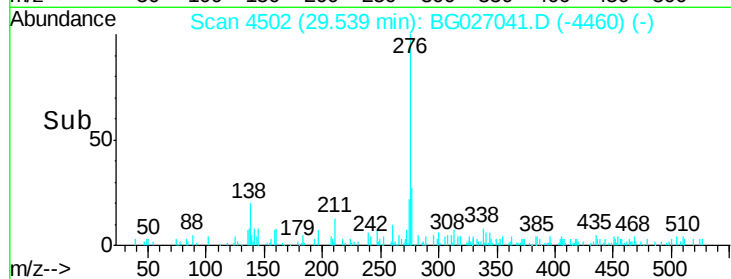
277 34.8 19.0 28.4#

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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

