

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052417\
 Data File : BG027111.D
 Acq On : 24 May 2017 1:49
 Operator : SJ/MA
 Sample : I3275-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAC46

Manual Integrations
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Quant Time: May 24 02:30:17 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	8.00	152	236123	20.00	ng/ul	0.00
2) Naphthalene-d8	10.80	136	1091904	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	571559	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.36	188	1045987	20.00	ng/ul	0.00
17) Chrysene-d12	21.60	240	970327	20.00	ng/ul	0.00
22) Perylene-d12	24.77	264	884404	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.31	160	1468317	25.05	ng/ul	0.00
10) Fluorene-d10	15.60	176	939550	24.02	ng/ul	0.00
14) Anthracene-d10	17.45	188	1245729m	24.43	ng/ul	0.00
18) Pyrene-d10	19.74	212	1245081	24.58	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.56	264	1122194	25.54	ng/ul	0.00
Target Compounds						
13) Phenanthrene	17.40	178	386767	6.61	ng/ul	Qvalue 99
15) Anthracene	17.49	178	63275	1.05	ng/ul	96
16) Fluoranthene	19.40	202	742445	12.42	ng/ul#	93
19) Pyrene	19.76	202	623832	9.84	ng/ul#	91
20) Benzo(a)anthracene	21.58	228	342202	5.85	ng/ul	98
21) Chrysene	21.64	228	343011	6.39	ng/ul	95
23) Benzo(b)fluoranthene	23.77	252	431810	8.22	ng/ul#	91
24) Benzo(k)fluoranthene	23.82	252	189238m	3.50	ng/ul	
26) Benzo(a)pyrene	24.62	252	266786	5.19	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	28.39	276	128617m	2.72	ng/ul	
29) Benzo(g,h,i)perylene	29.51	276	88701m	2.36	ng/ul	

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

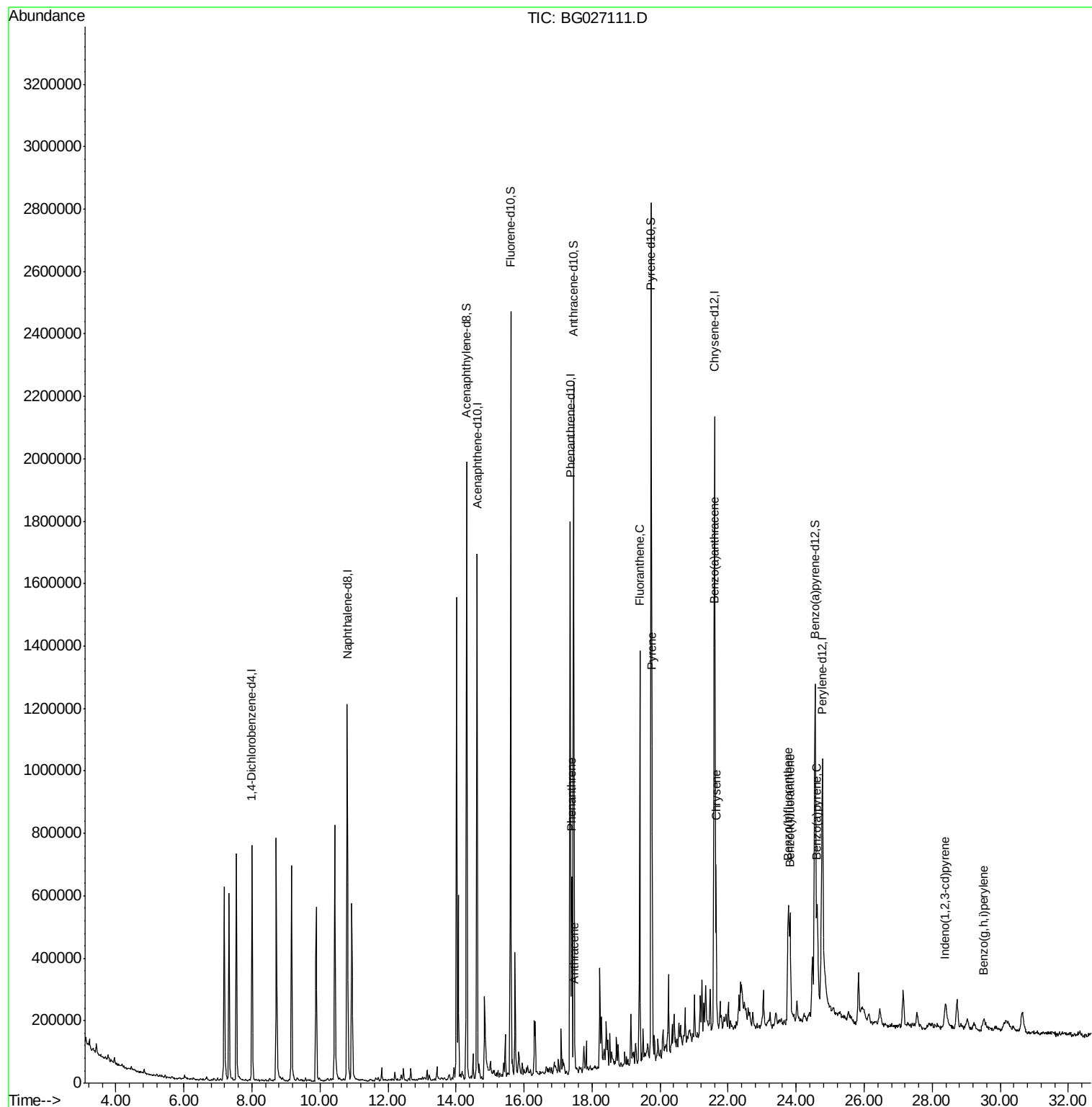
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052417\
Data File : BG027111.D
Acq On : 24 May 2017 1:49
Operator : SJ/MA
Sample : I3275-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

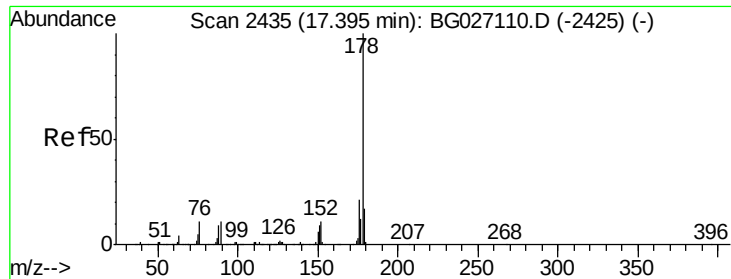
Instrument :
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Quant Time: May 24 02:30:17 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





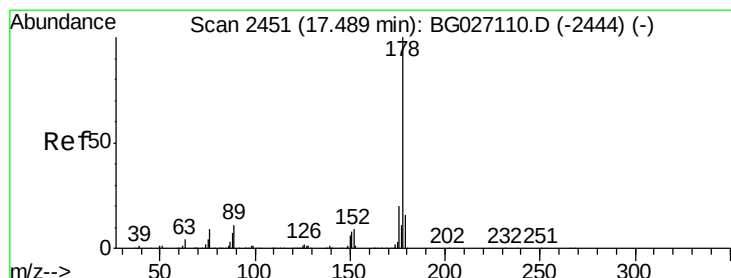
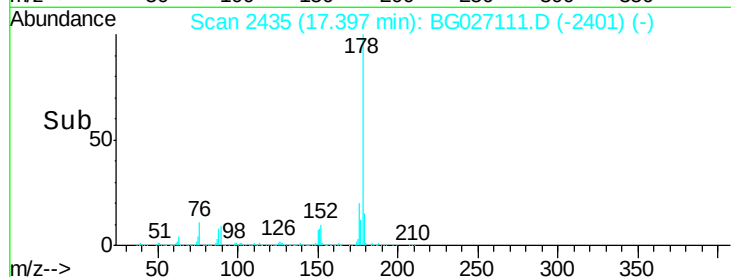
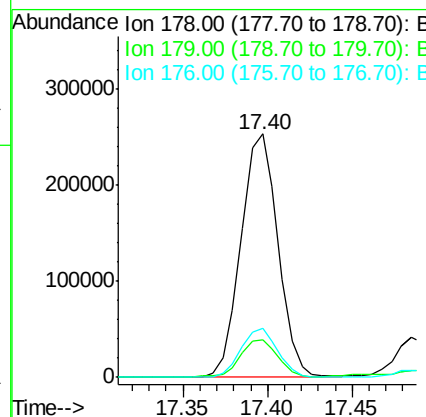
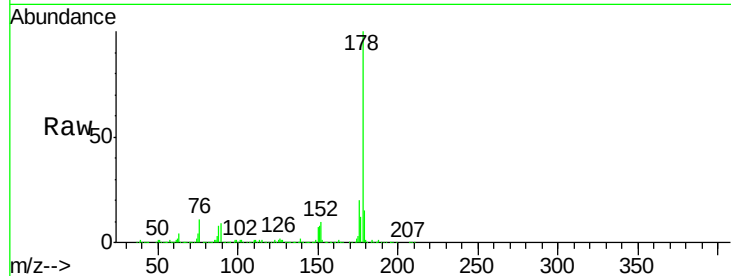
#13
Phenanthrene
Concen: 6.61 ng/ul
RT: 17.40 min Scan# 2435
Delta R.T. 0.00 min
Lab File: BG027111.D
Acq: 24 May 2017 1:49

Instrument :
BNA_G
ClientSampleId :
DAC46

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	386767		
179	15.4	12.3	18.5	
176	20.0	15.1	22.7	

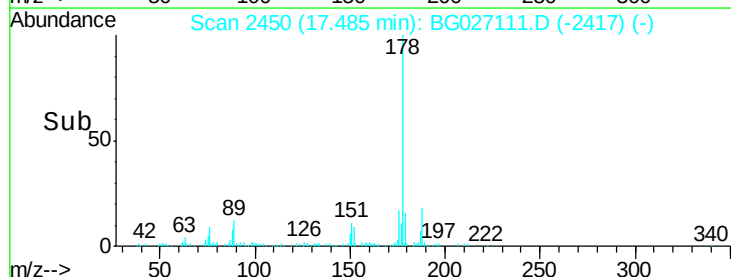
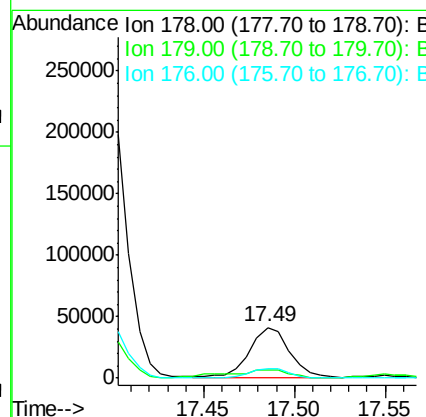
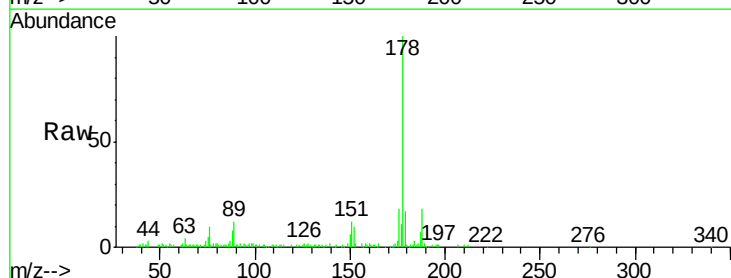
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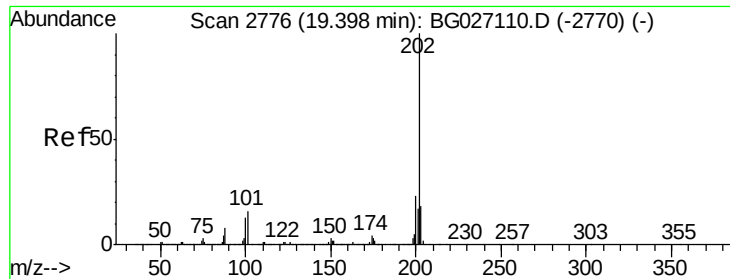
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#15
Anthracene
Concen: 1.05 ng/ul
RT: 17.49 min Scan# 2450
Delta R.T. -0.00 min
Lab File: BG027111.D
Acq: 24 May 2017 1:49

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	63275		
179	16.9	11.8	17.8	
176	17.7	15.2	22.8	





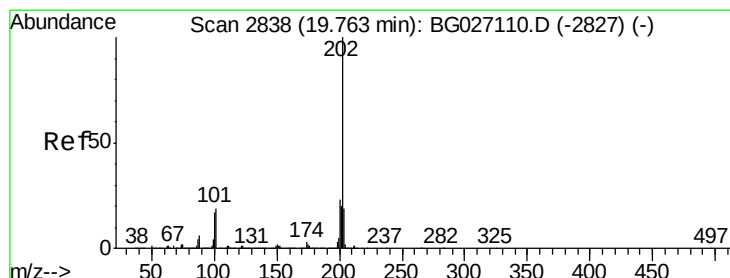
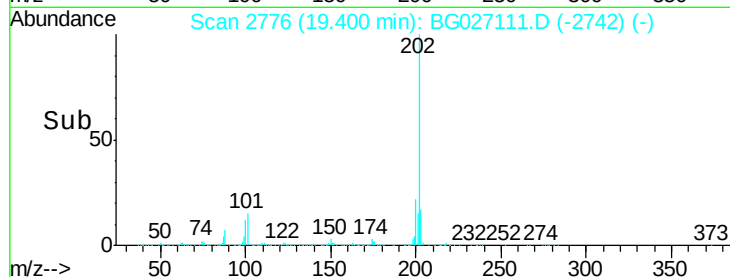
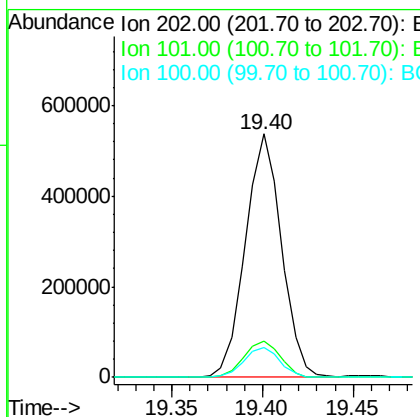
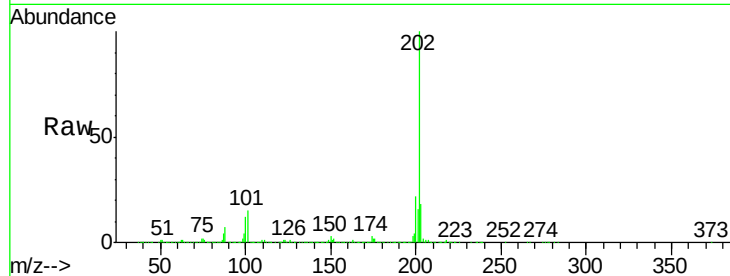
#16
 Fluoranthene
 Concen: 12.42 ng/ul
 RT: 19.40 min Scan# 2776
 Delta R.T. 0.00 min
 Lab File: BG027111.D
 Acq: 24 May 2017 1:49

Instrument :
 BNA_G
 ClientSampleId :
 DAC46

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		742445		
101	14.9	9.9	14.9#		
100	12.1	7.4	11.0#		

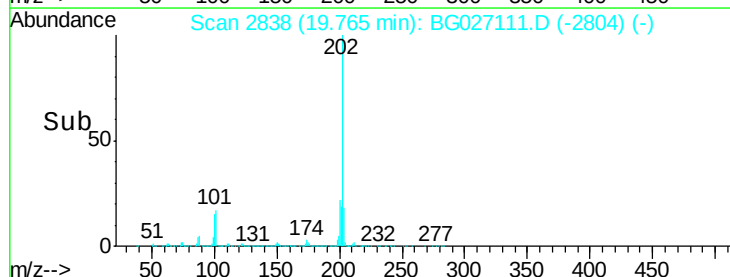
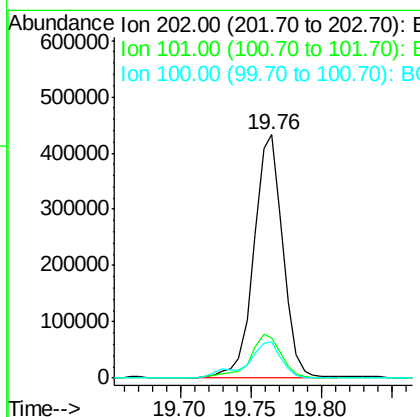
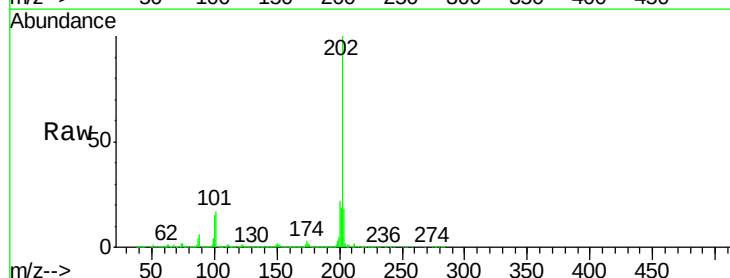
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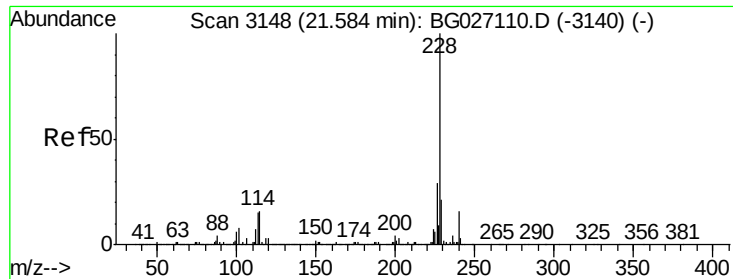
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#19
 Pyrene
 Concen: 9.84 ng/ul
 RT: 19.76 min Scan# 2838
 Delta R.T. 0.00 min
 Lab File: BG027111.D
 Acq: 24 May 2017 1:49

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		623832		
101	16.6	11.0	16.4#		
100	14.6	8.1	12.1#		





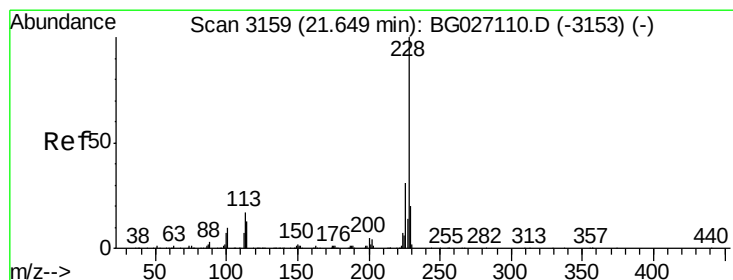
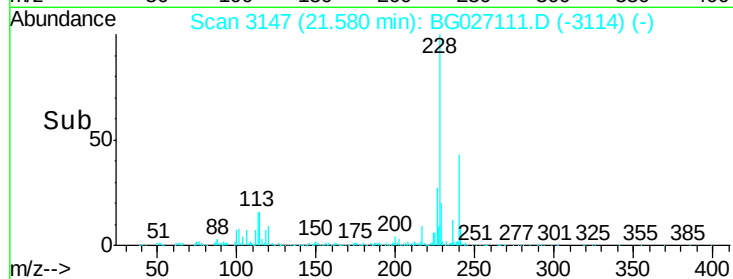
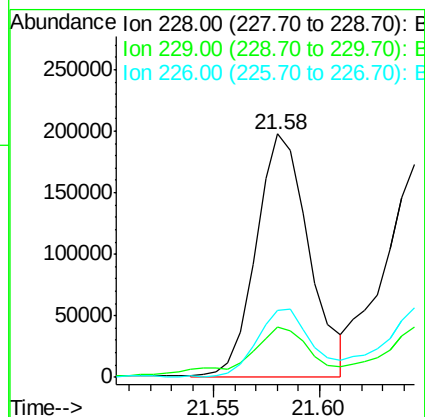
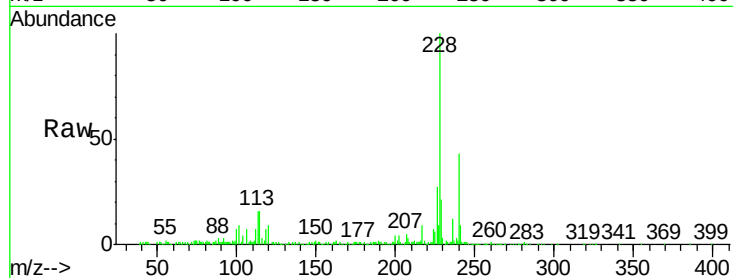
#20
Benzo(a)anthracene
Concen: 5.85 ng/ul
RT: 21.58 min Scan# 3147
Delta R.T. -0.00 min
Lab File: BG027111.D
Acq: 24 May 2017 1:49

Instrument :
BNA_G
ClientSampled :
DAC46

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.7	23.5
226	27.4	21.1	31.7

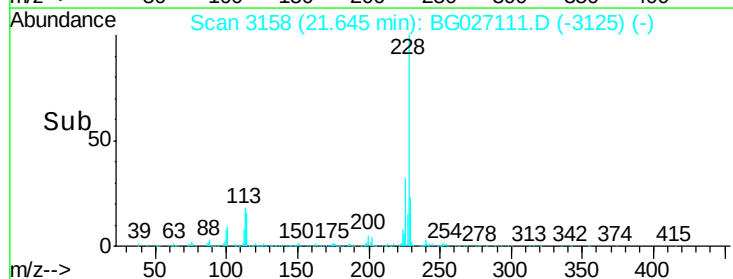
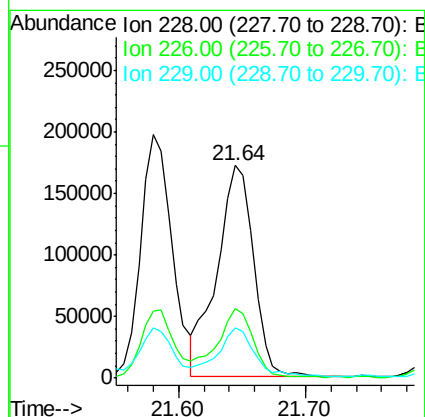
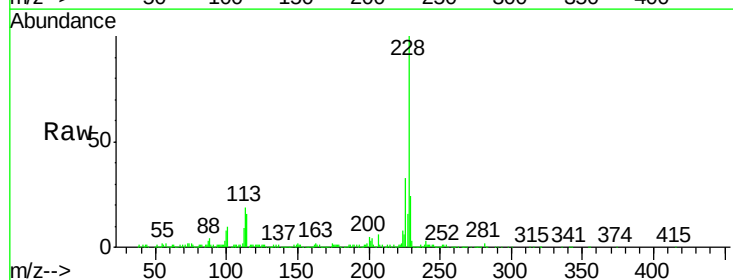
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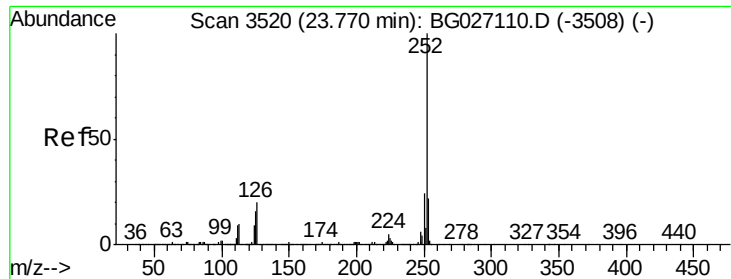
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#21
Chrysene
Concen: 6.39 ng/ul
RT: 21.64 min Scan# 3158
Delta R.T. -0.00 min
Lab File: BG027111.D
Acq: 24 May 2017 1:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.5	36.7
229	23.7	15.8	23.8





#23

Benzo(b)fluoranthene

Concen: 8.22 ng/ul

RT: 23.77 min Scan# 3520

Delta R.T. 0.00 min

Lab File: BG027111.D

Acq: 24 May 2017 1:49

Instrument :

BNA_G

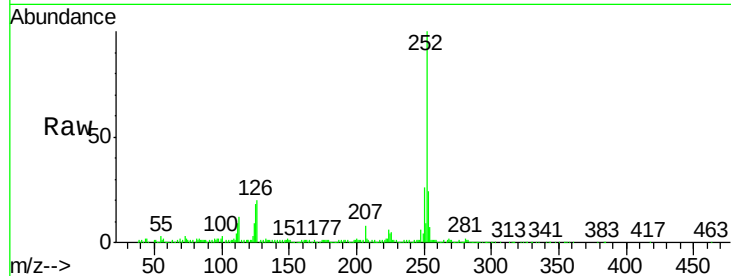
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DAC46

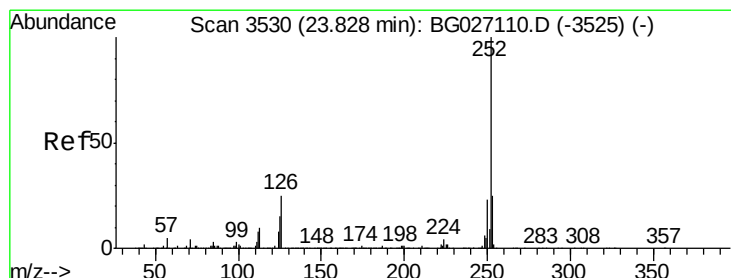
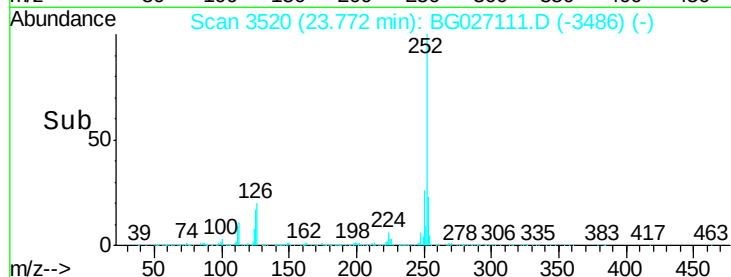
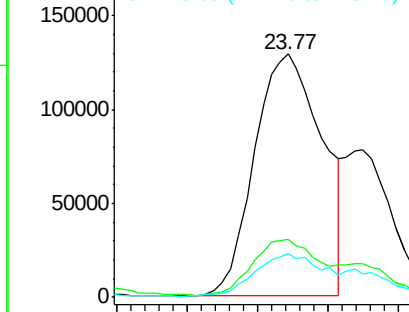
Tgt Ion:	252	Resp:	431810
Ion Ratio	Lower	Upper	
252	100		
253	23.8	18.0	27.0
125	18.1	8.0	12.0#

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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: 3.50 ng/ul m

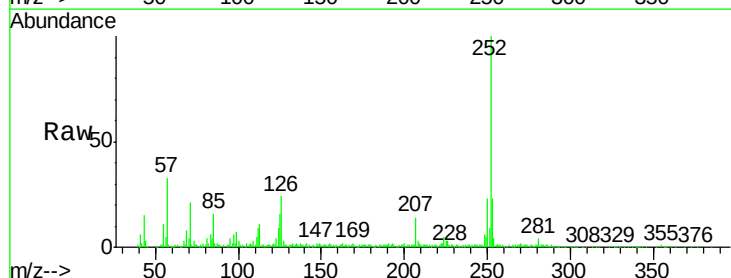
RT: 23.82 min Scan# 3529

Delta R.T. -0.00 min

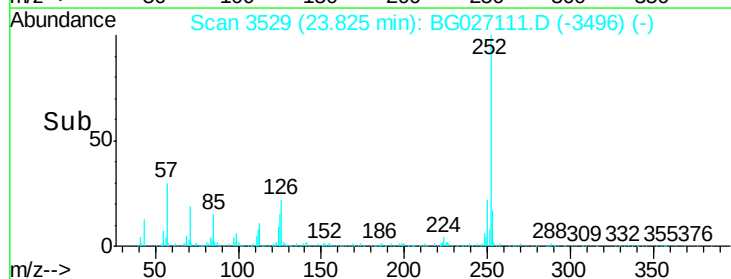
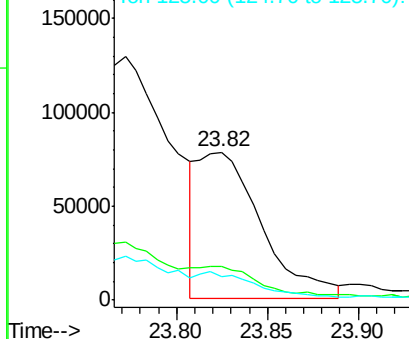
Lab File: BG027111.D

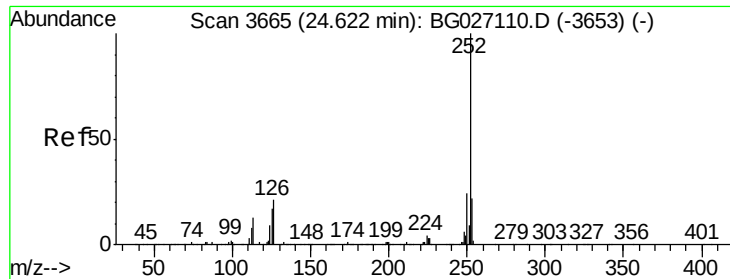
Acq: 24 May 2017 1:49

Tgt Ion:	252	Resp:	189238
Ion Ratio	Lower	Upper	
252	100		
253	23.1	18.0	27.0
125	15.7	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: 5.19 ng/ul

RT: 24.62 min Scan# 3665

Delta R.T. 0.00 min

Lab File: BG027111.D

Acq: 24 May 2017 1:49

Instrument :

BNA_G

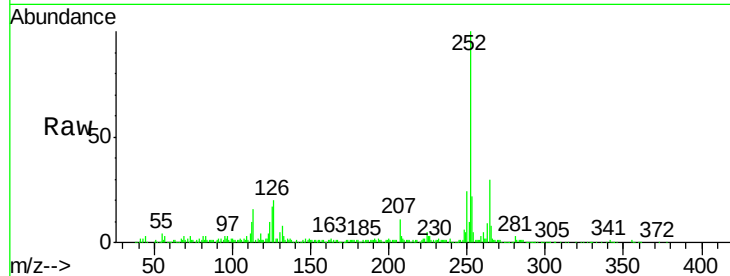
ClientSampleId :

DAC46

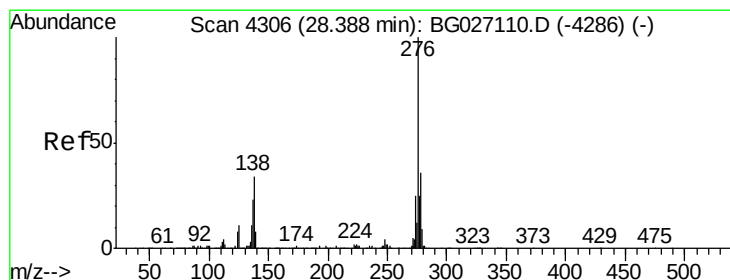
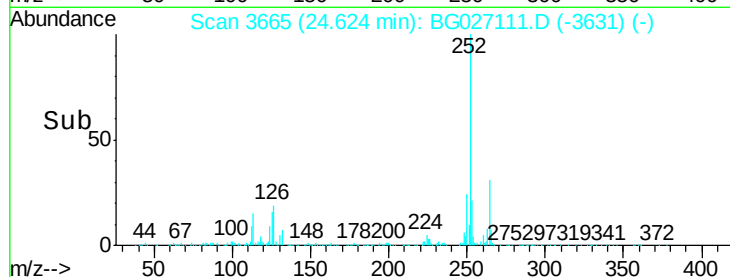
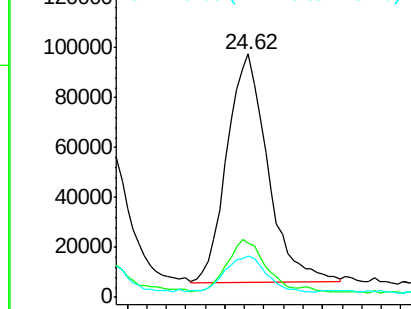
Tgt Ion:	252	Resp:	266786
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.2	25.8
125	17.1	8.2	12.4#

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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



#27

Indeno(1,2,3-cd)pyrene

Concen: 2.72 ng/ul m

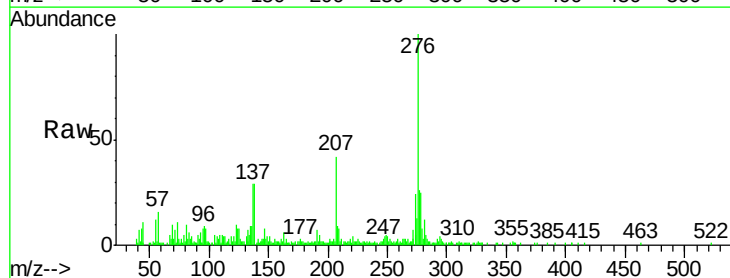
RT: 28.39 min Scan# 4306

Delta R.T. 0.00 min

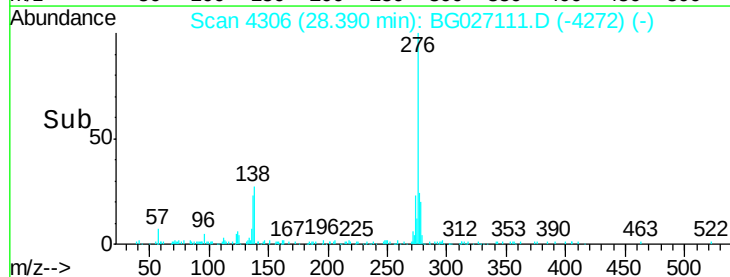
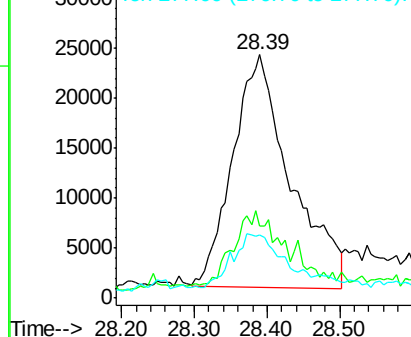
Lab File: BG027111.D

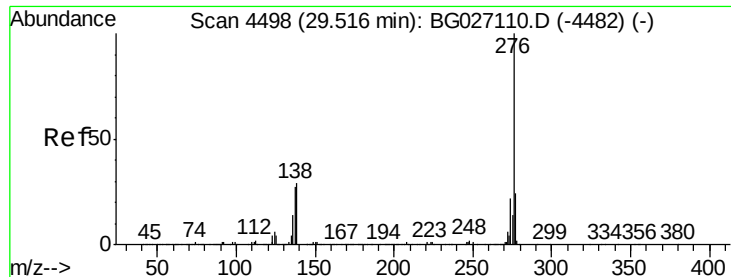
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Tgt Ion:	276	Resp:	128617
Ion Ratio	Lower	Upper	
276	100		
138	29.5	14.4	21.6#
277	25.9	18.0	27.0



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





#29

Benzo(g,h,i)perylene

Concen: 2.36 ng/ul m

RT: 29.51 min Scan# 4497

Delta R.T. -0.00 min

Lab File: BG027111.D

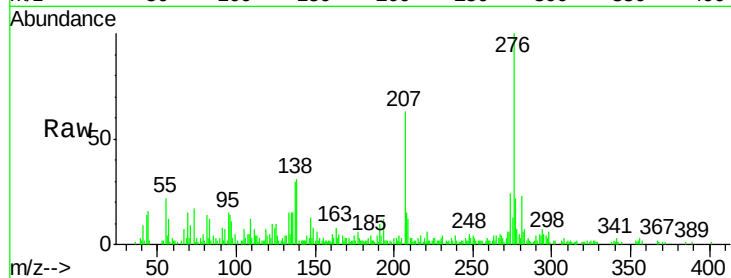
Acq: 24 May 2017 1:49

Instrument :

BNA_G

ClientSampleId :

DAC46



Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.8	15.3	22.9#
277	22.0	19.0	28.4

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