

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051817\
 Data File : BG027026.D
 Acq On : 19 May 2017 5:49
 Operator : SJ/MA
 Sample : I3136-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAC16

Manual Integrations
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Quant Time: May 19 13:59:40 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	209593	20.00	ng/ul	0.00
2) Naphthalene-d8	10.80	136	989163	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	520174	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.35	188	951033	20.00	ng/ul	0.00
17) Chrysene-d12	21.60	240	845378	20.00	ng/ul	0.00
22) Perylene-d12	24.76	264	883713	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.31	160	764124	14.32	ng/ul	0.00
10) Fluorene-d10	15.60	176	495547	13.92	ng/ul	0.00
14) Anthracene-d10	17.45	188	683512m	14.74	ng/ul	0.00
18) Pyrene-d10	19.73	212	658589	14.92	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.55	264	605121	13.78	ng/ul	0.00
Target Compounds						
3) Naphthalene	10.85	128	88502	1.72	ng/ul	Qvalue 99
13) Phenanthrene	17.39	178	606152	11.40	ng/ul	100
15) Anthracene	17.48	178	119620	2.19	ng/ul	98
16) Fluoranthene	19.40	202	1149755	21.15	ng/ul#	90
19) Pyrene	19.76	202	987763	17.88	ng/ul#	86
20) Benzo(a)anthracene	21.58	228	577049	11.33	ng/ul	97
21) Chrysene	21.64	228	572473	12.24	ng/ul	96
23) Benzo(b)fluoranthene	23.76	252	800269	15.24	ng/ul#	93
24) Benzo(k)fluoranthene	23.82	252	269680m	4.99	ng/ul	
26) Benzo(a)pyrene	24.61	252	528505	10.29	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	28.37	276	281877	5.96	ng/ul#	81
28) Dibenzo(a,h)anthracene	28.40	278	80658m	1.98	ng/ul	
29) Benzo(g,h,i)perylene	29.49	276	246357	6.55	ng/ul#	88

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

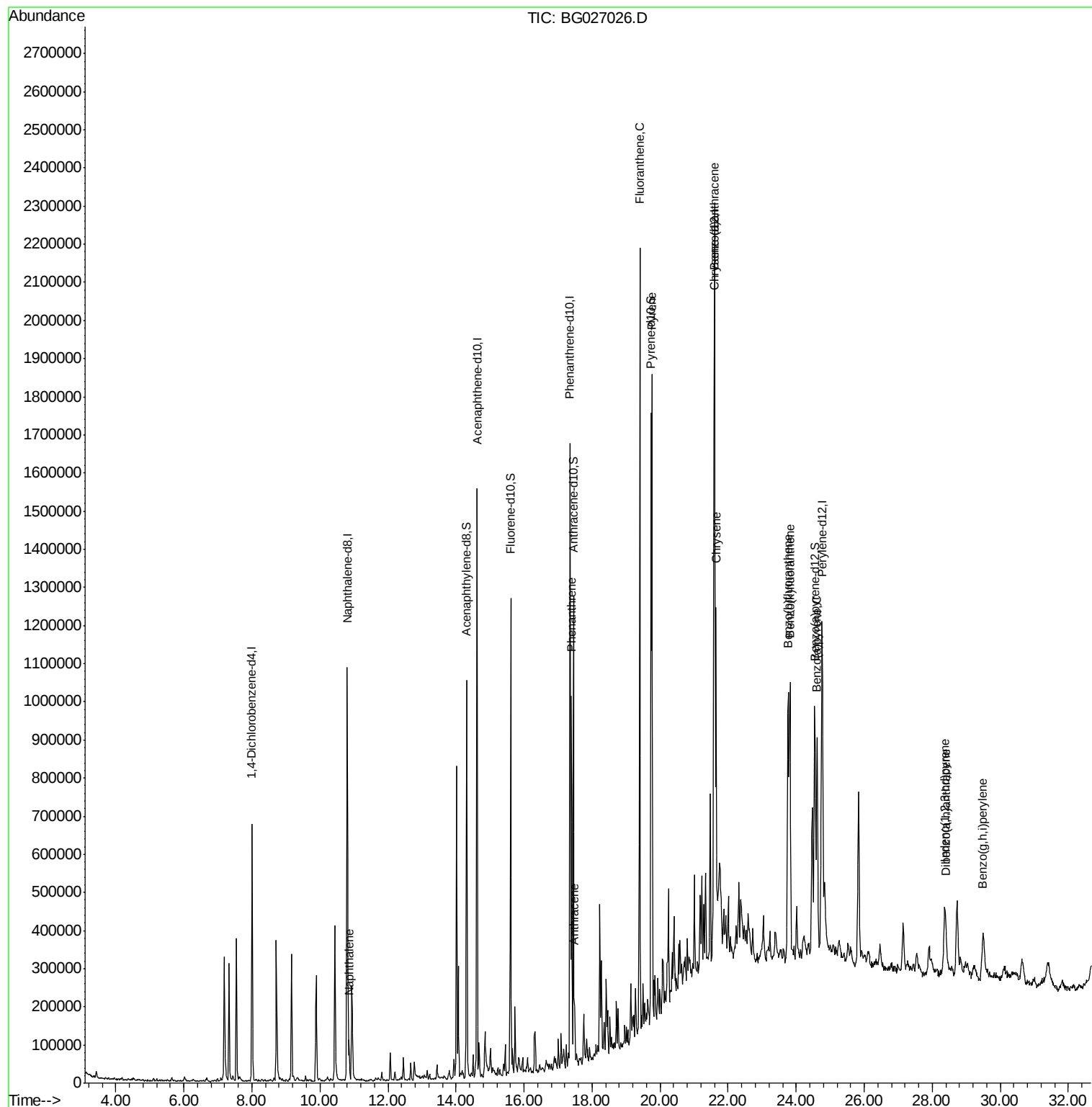
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051817\
Data File : BG027026.D
Acq On : 19 May 2017 5:49
Operator : SJ/MA
Sample : I3136-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

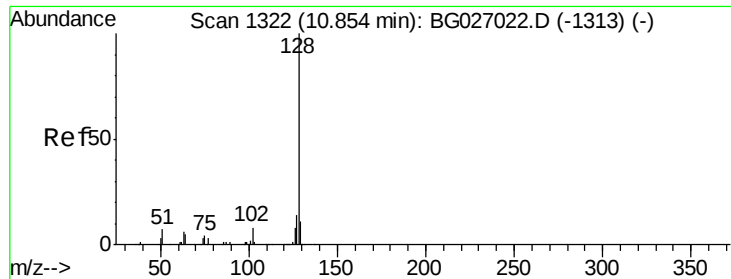
Instrument :
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Quant Time: May 19 13:59:40 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
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#3

Naphthalene

Concen: 1.72 ng/ul

RT: 10.85 min Scan# 1321

Delta R.T. -0.00 min

Lab File: BG027026.D

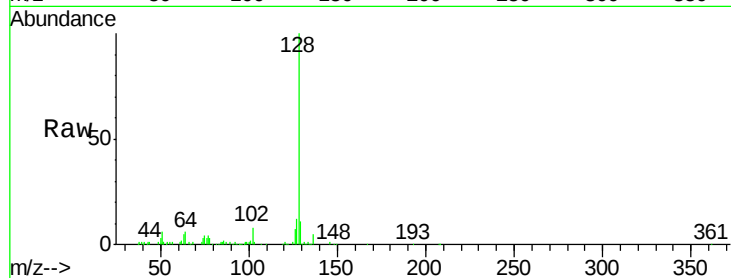
Acq: 19 May 2017 5:49

Instrument :

BNA_G

ClientSampleId :

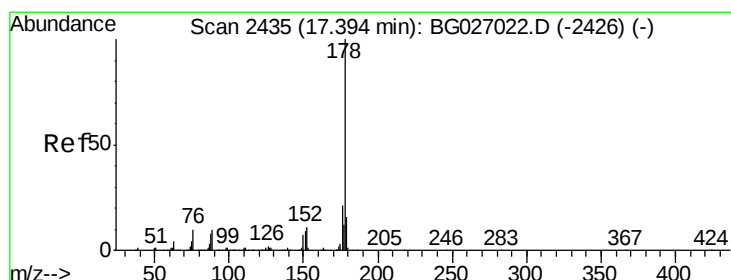
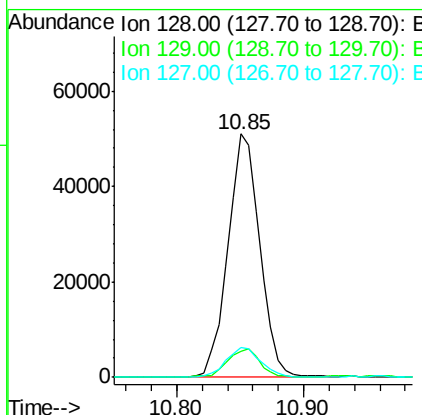
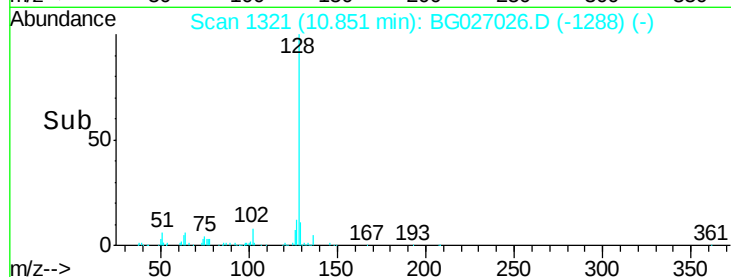
DAC16



Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	12.3	10.6	16.0

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#13

Phenanthrene

Concen: 11.40 ng/ul

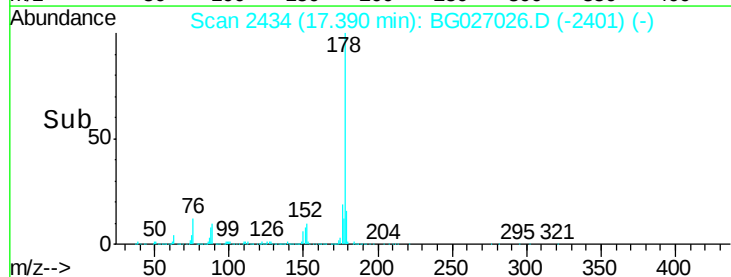
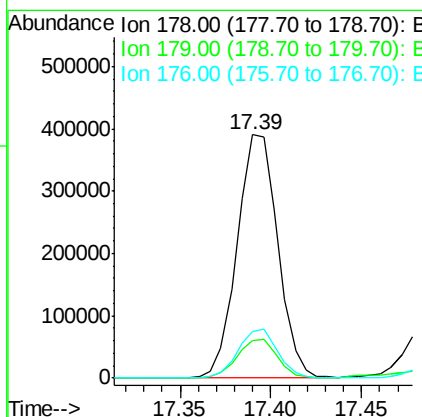
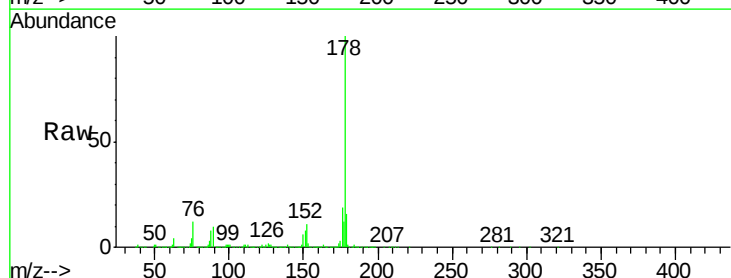
RT: 17.39 min Scan# 2434

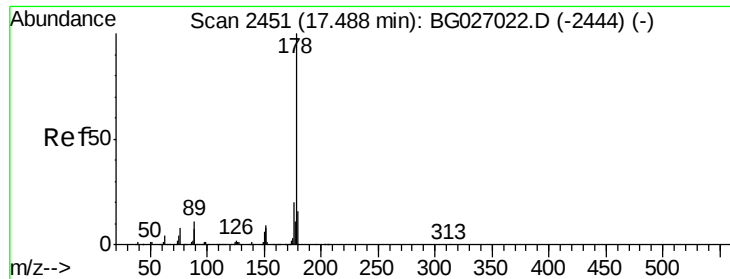
Delta R.T. -0.00 min

Lab File: BG027026.D

Acq: 19 May 2017 5:49

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	19.1	15.1	22.7





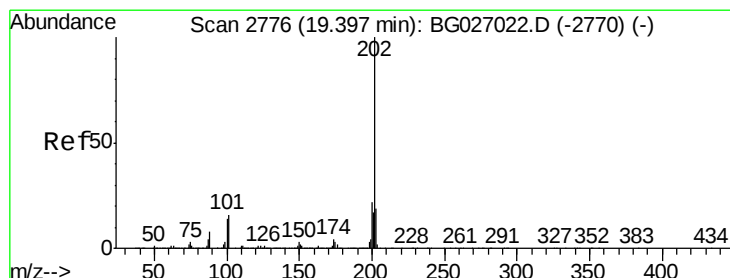
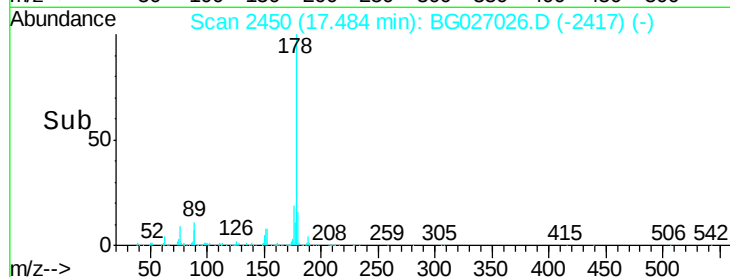
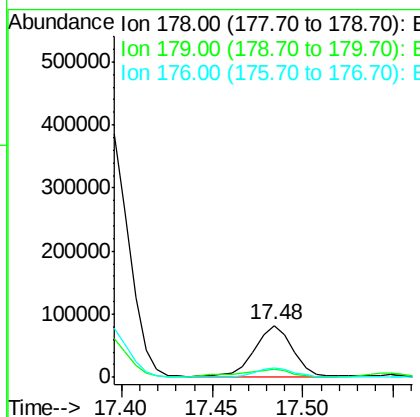
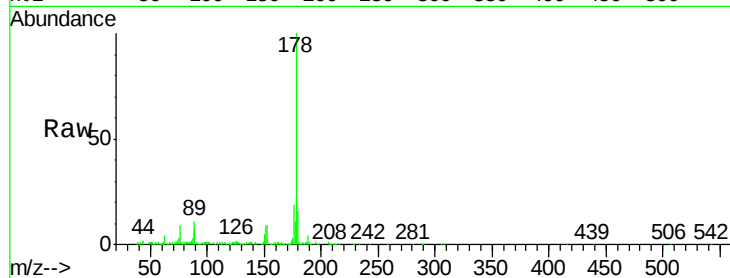
#15
 Anthracene
 Concen: 2.19 ng/ul
 RT: 17.48 min Scan# 2450
 Delta R.T. -0.00 min
 Lab File: BG027026.D
 Acq: 19 May 2017 5:49

Instrument :
 BNA_G
 ClientSampleId :
 DAC16

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.5	11.8	17.8
176	19.2	15.2	22.8

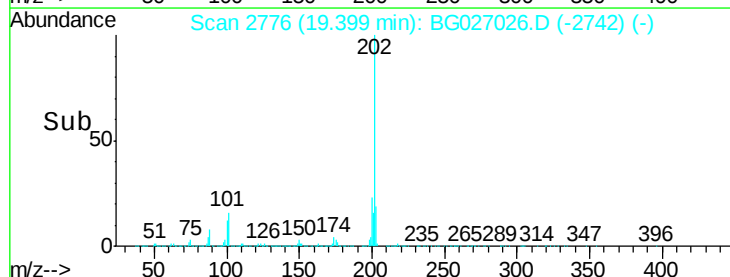
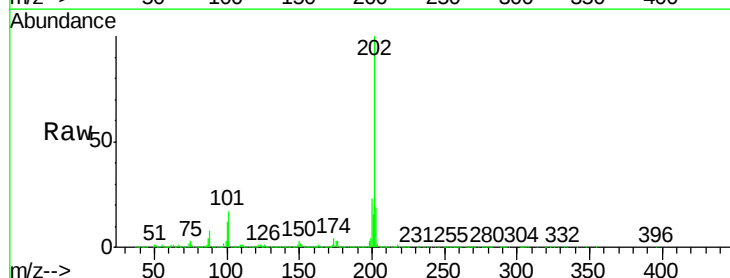
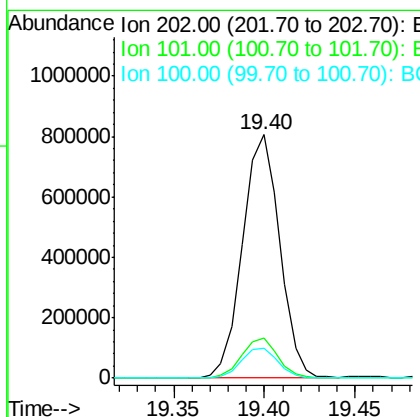
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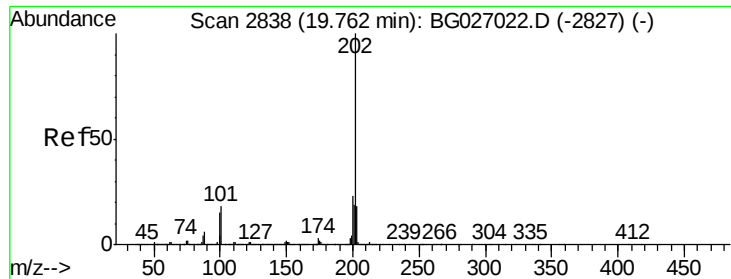
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#16
 Fluoranthene
 Concen: 21.15 ng/ul
 RT: 19.40 min Scan# 2776
 Delta R.T. 0.00 min
 Lab File: BG027026.D
 Acq: 19 May 2017 5:49

Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.6	9.9	14.9#
100	12.3	7.4	11.0#





#19

Pyrene

Concen: 17.88 ng/ul

RT: 19.76 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BG027026.D

Acq: 19 May 2017 5:49

Instrument :

BNA_G

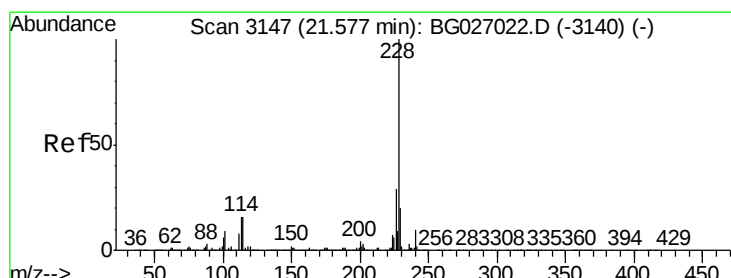
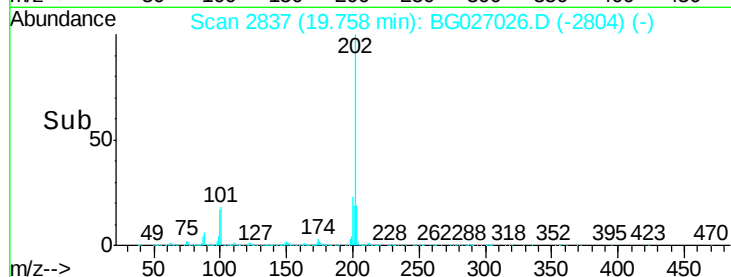
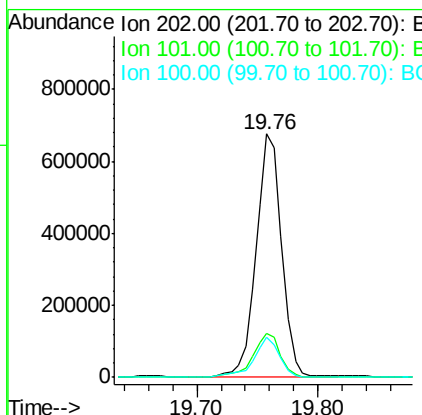
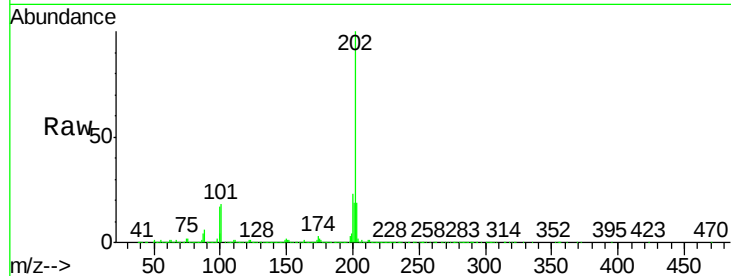
ClientSampleId :

DAC16

Tgt Ion:	202	Resp:	987763
Ion Ratio	Lower	Upper	
202	100		
101	18.2	11.0	16.4#
100	16.6	8.1	12.1#

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#20

Benzo(a)anthracene

Concen: 11.33 ng/ul

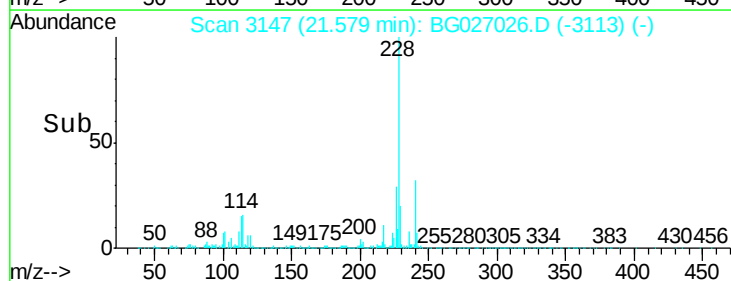
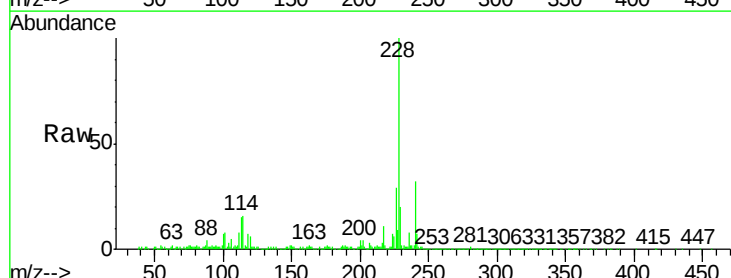
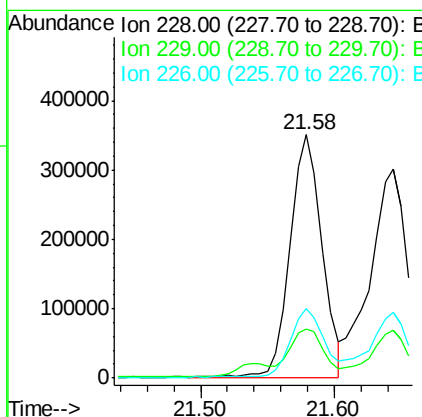
RT: 21.58 min Scan# 3147

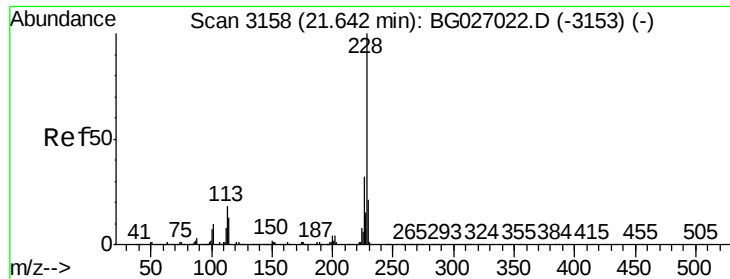
Delta R.T. 0.00 min

Lab File: BG027026.D

Acq: 19 May 2017 5:49

Tgt Ion:	228	Resp:	577049
Ion Ratio	Lower	Upper	
228	100		
229	20.4	15.7	23.5
226	28.8	21.1	31.7





#21

Chrysene

Concen: 12.24 ng/ul

RT: 21.64 min Scan# 3158

Delta R.T. 0.00 min

Lab File: BG027026.D

Acq: 19 May 2017 5:49

Instrument :

BNA_G

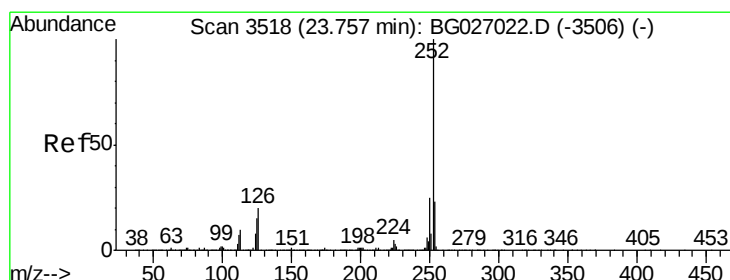
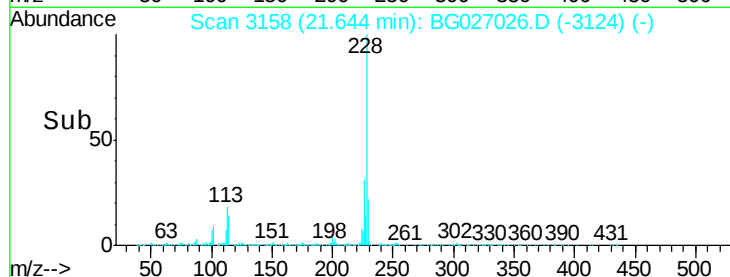
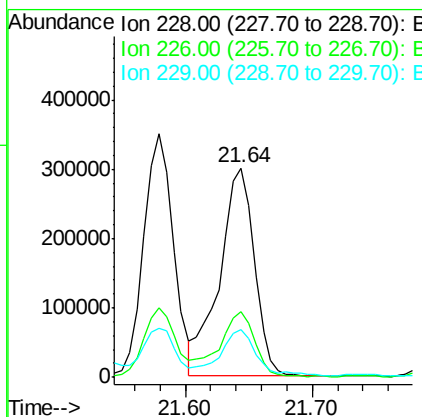
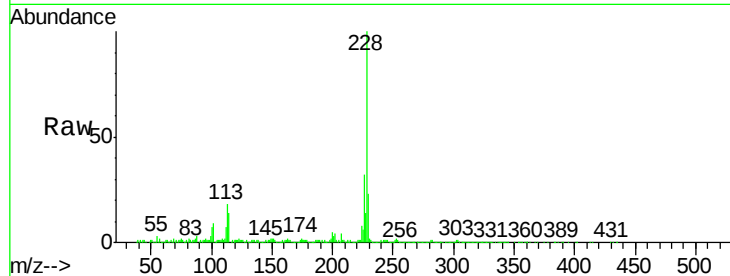
ClientSampleId :

DAC16

Tgt Ion:	228	Resp:	572473
Ion Ratio	Lower	Upper	
228	100		
226	31.6	24.5	36.7
229	22.8	15.8	23.8

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#23

Benzo(b)fluoranthene

Concen: 15.24 ng/ul

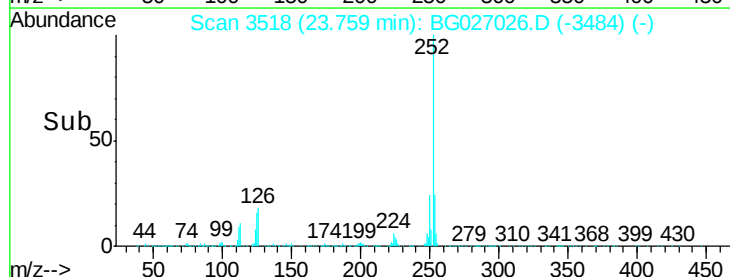
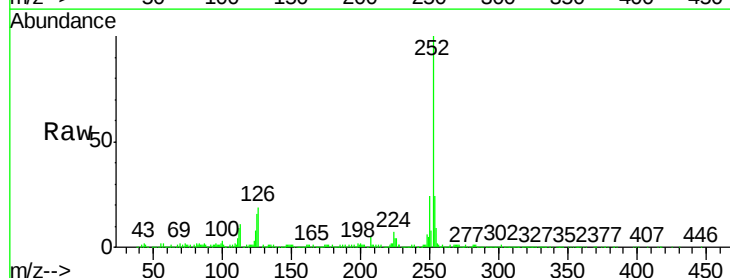
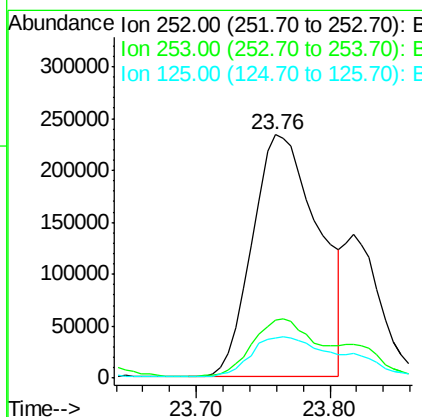
RT: 23.76 min Scan# 3518

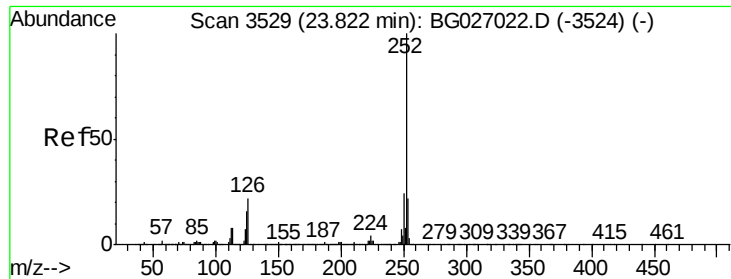
Delta R.T. 0.00 min

Lab File: BG027026.D

Acq: 19 May 2017 5:49

Tgt Ion:	252	Resp:	800269
Ion Ratio	Lower	Upper	
252	100		
253	24.0	18.0	27.0
125	16.3	8.0	12.0#





#24

Benzo(k)fluoranthene

Concen: 4.99 ng/ul m

RT: 23.82 min Scan# 3528

Delta R.T. -0.00 min

Lab File: BG027026.D

Acq: 19 May 2017 5:49

Instrument :

BNA_G

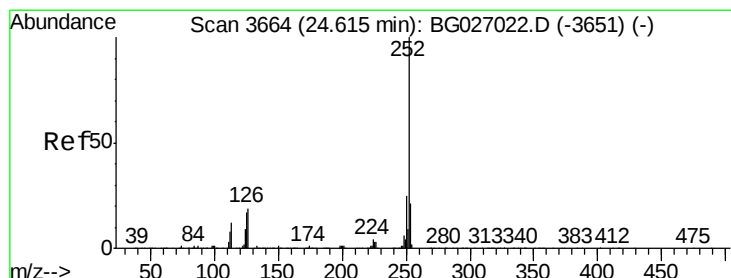
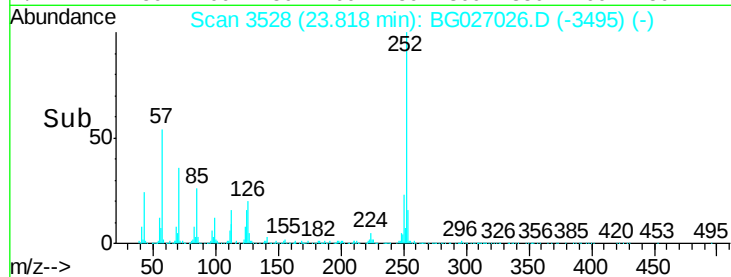
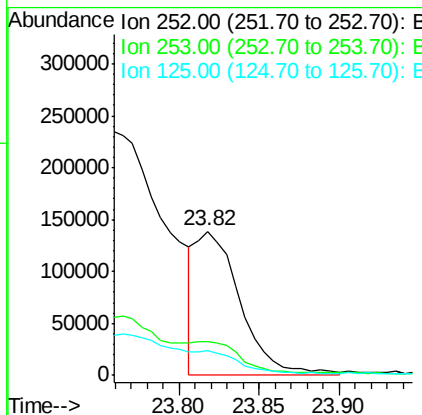
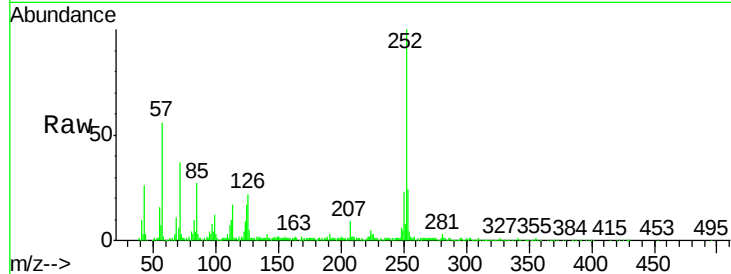
ClientSampleId :

DAC16

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	269680		
253	23.7	18.0	27.0	
125	16.9	8.1	12.1	

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#26

Benzo(a)pyrene

Concen: 10.29 ng/ul

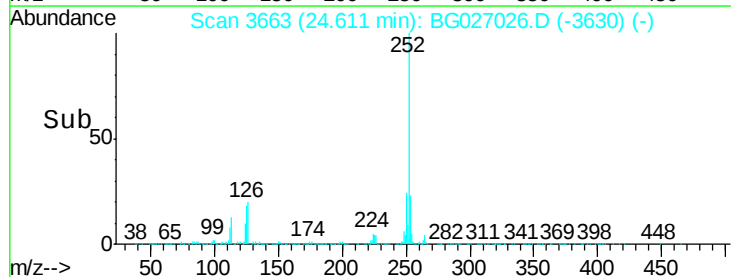
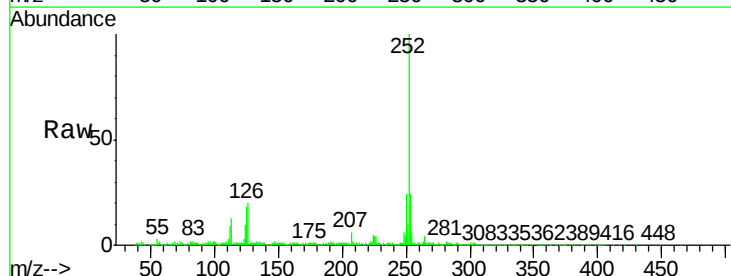
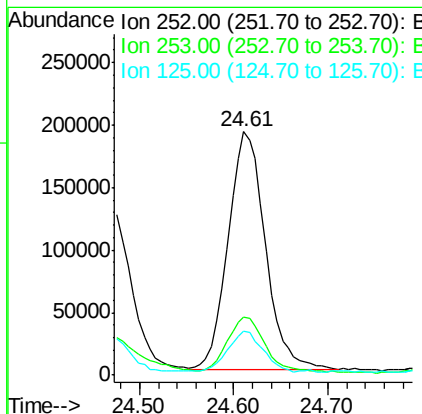
RT: 24.61 min Scan# 3663

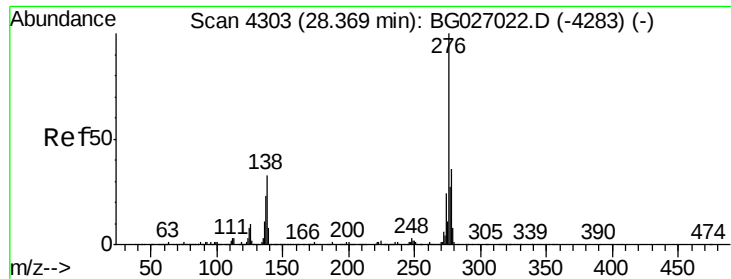
Delta R.T. -0.00 min

Lab File: BG027026.D

Acq: 19 May 2017 5:49

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	528505		
253	23.6	17.2	25.8	
125	18.2	8.2	12.4	





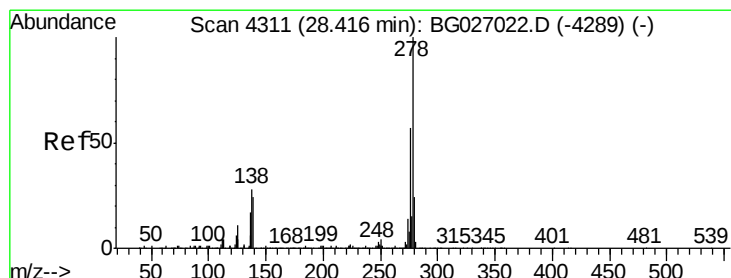
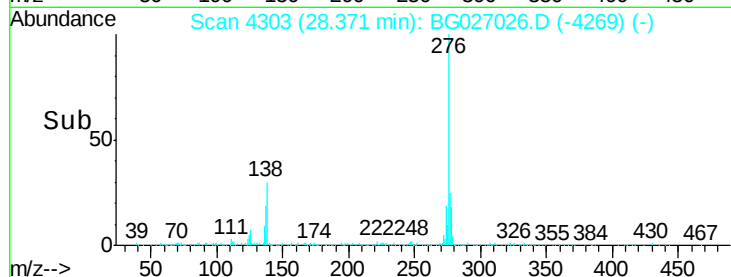
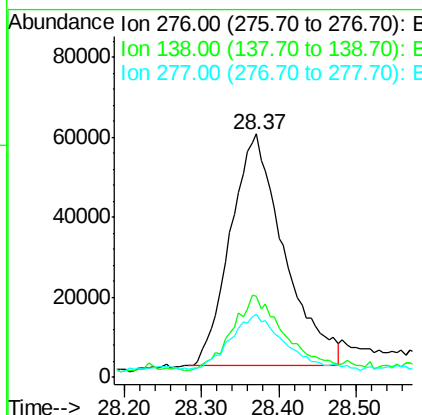
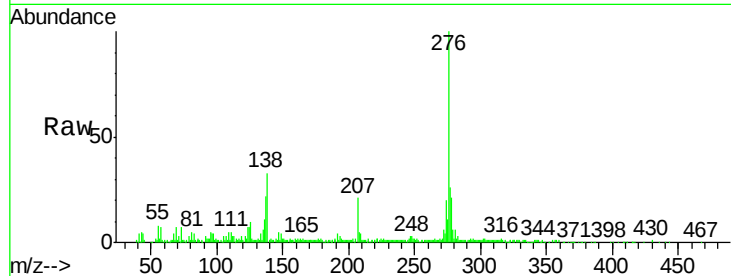
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 5.96 ng/ul
 RT: 28.37 min Scan# 4303
 Delta R.T. 0.00 min
 Lab File: BG027026.D
 Acq: 19 May 2017 5:49

Instrument :
 BNA_G
 ClientSampleId :
 DAC16

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.2	14.4	21.6#
277	26.1	18.0	27.0

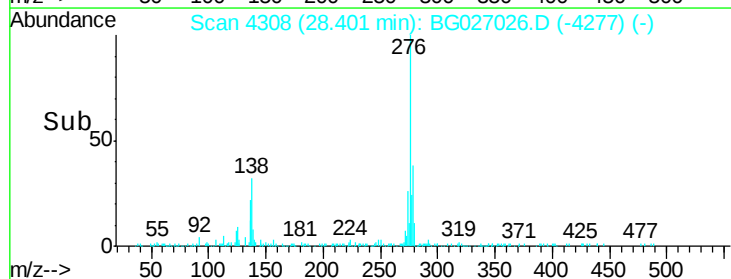
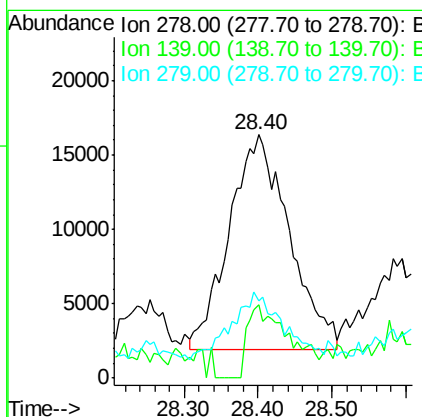
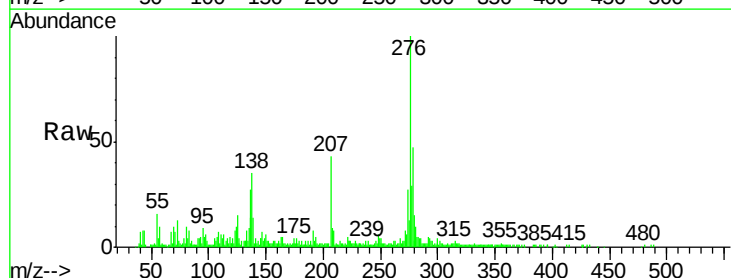
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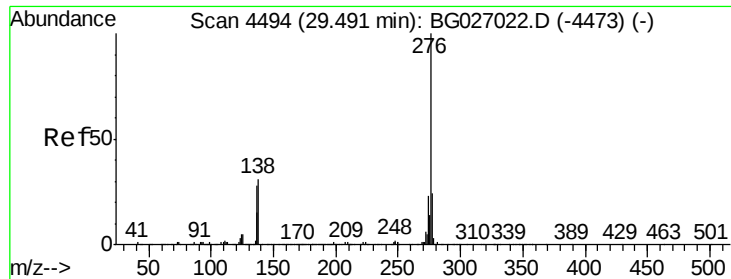
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#28
 Dibenzo(a,h)anthracene
 Concen: 1.98 ng/ul m
 RT: 28.40 min Scan# 4308
 Delta R.T. -0.02 min
 Lab File: BG027026.D
 Acq: 19 May 2017 5:49

Tgt Ion	Ratio	Lower	Upper
278	100		
139	30.4	12.2	18.4#
279	31.5	19.2	28.8#





#29

Benzo(g,h,i)perylene

Concen: 6.55 ng/ul

RT: 29.49 min Scan# 4493

Delta R.T. -0.00 min

Lab File: BG027026.D

Acq: 19 May 2017 5:49

Instrument :

BNA_G

ClientSampleId :

DAC16

Tgt Ion: 276 Resp: 246357

Ion Ratio Lower Upper

276 100

138 31.1 15.3 22.9#

277 24.1 19.0 28.4

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