

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051817\
 Data File : BG027042.D
 Acq On : 19 May 2017 16:21
 Operator : SJ/MA
 Sample : I3137-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAC34

Manual Integrations
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Quant Time: May 19 17:42:09 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 19 17:37:52 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	203749	20.00	ng/ul	0.00
2) Naphthalene-d8	10.81	136	922954	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	464205	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.36	188	824294	20.00	ng/ul	0.00
17) Chrysene-d12	21.61	240	748652	20.00	ng/ul	0.00
22) Perylene-d12	24.78	264	661691	20.00	ng/ul	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	14.31	160	952018	19.99	ng/ul	0.00
10) Fluorene-d10	15.61	176	597276	18.80	ng/ul	0.01
14) Anthracene-d10	17.46	188	825726m	20.55	ng/ul	0.01
18) Pyrene-d10	19.74	212	764105	19.55	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.57	264	654780	19.92	ng/ul	0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.86	128	55751	1.16	ng/ul	99
13) Phenanthrene	17.40	178	215568	4.68	ng/ul	97
16) Fluoranthene	19.40	202	453947	9.64	ng/ul#	92
19) Pyrene	19.77	202	387282	7.91	ng/ul#	89
20) Benzo(a)anthracene	21.59	228	235864	5.23	ng/ul	95
21) Chrysene	21.65	228	281521	6.80	ng/ul	94
23) Benzo(b)fluoranthene	23.78	252	377928	9.61	ng/ul#	91
24) Benzo(k)fluoranthene	23.83	252	182201m	4.50	ng/ul	
26) Benzo(a)pyrene	24.63	252	199767	5.19	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	28.40	276	107312m	3.03	ng/ul	
29) Benzo(g,h,i)perylene	29.54	276	82278m	2.92	ng/ul	

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

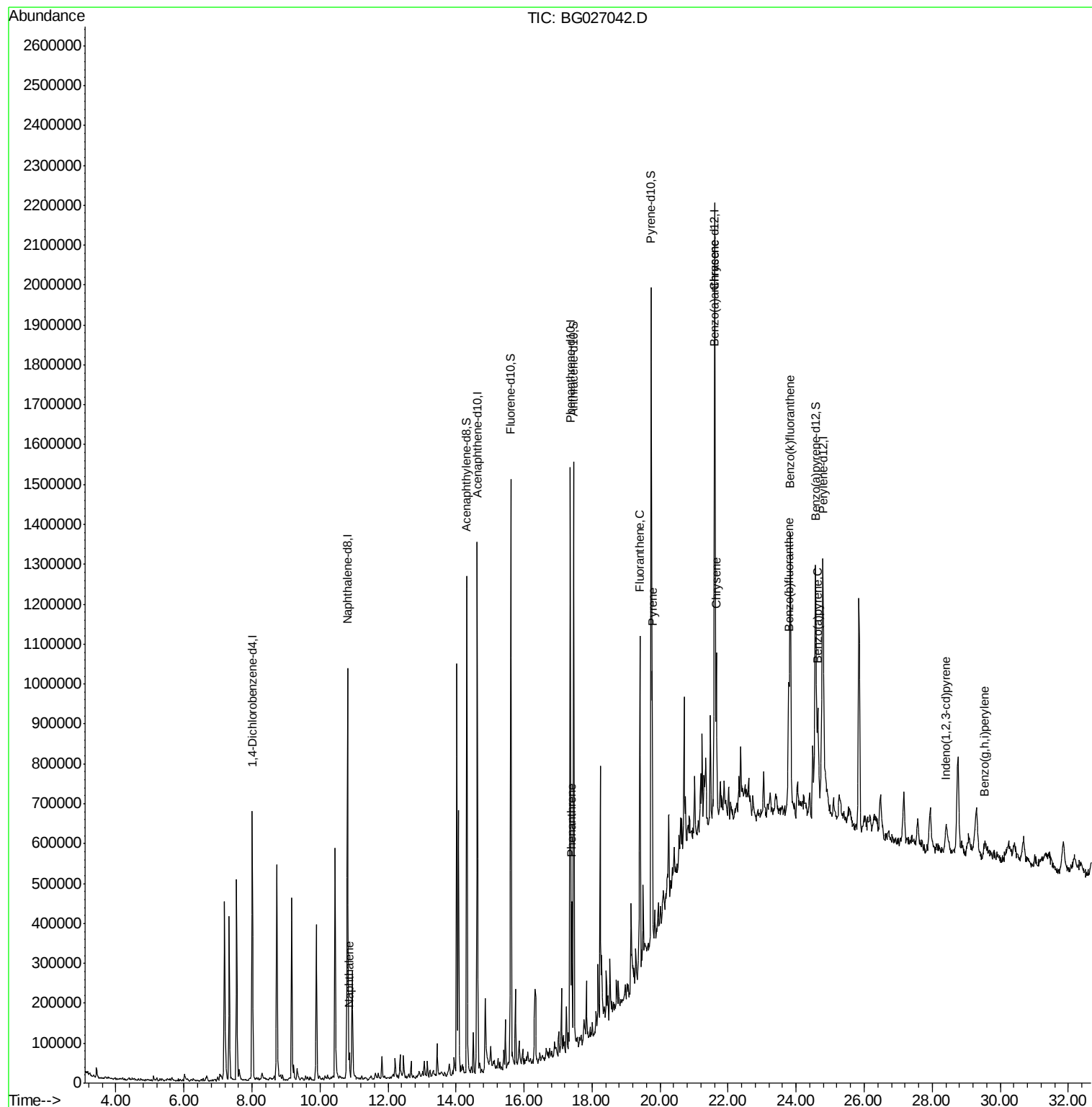
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051817\
Data File : BG027042.D
Acq On : 19 May 2017 16:21
Operator : SJ/MA
Sample : I3137-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

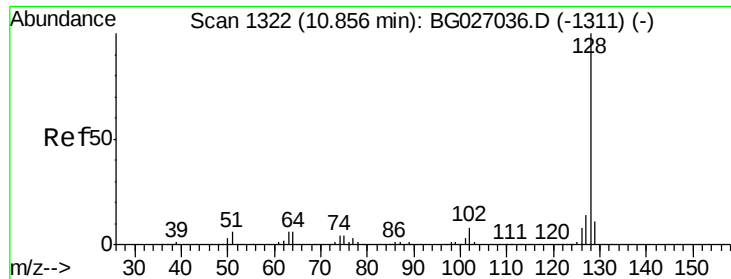
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
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#3

Naphthalene

Concen: 1.16 ng/ul

RT: 10.86 min Scan# 1323

Delta R.T. 0.01 min

Lab File: BG027042.D

Acq: 19 May 2017 16:21

Instrument :

BNA_G

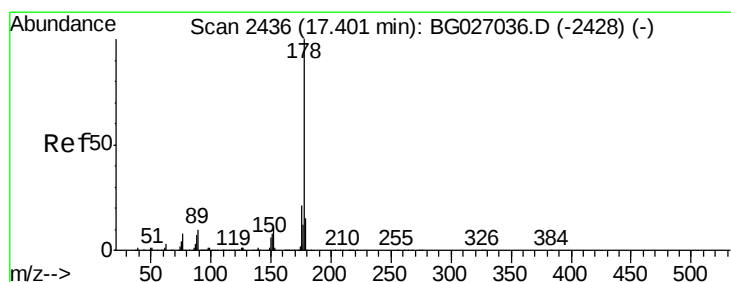
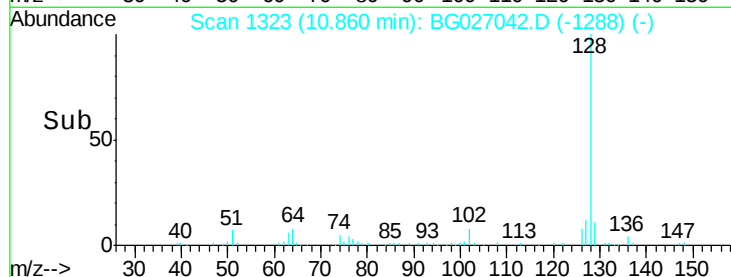
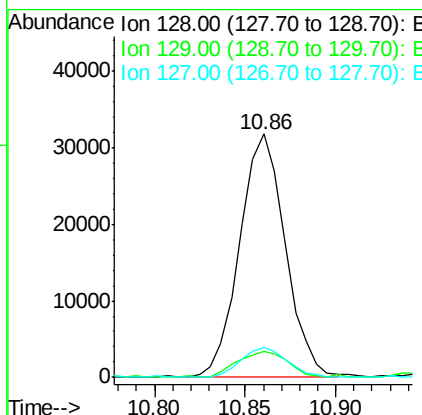
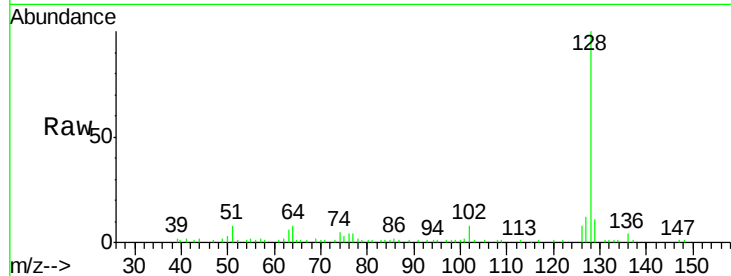
ClientSampleId :

DAC34

Tgt Ion:	128	Resp:	55751
Ion Ratio	Lower	Upper	
128	100		
129	10.8	8.7	13.1
127	12.4	10.6	16.0

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#13

Phenanthrene

Concen: 4.68 ng/ul

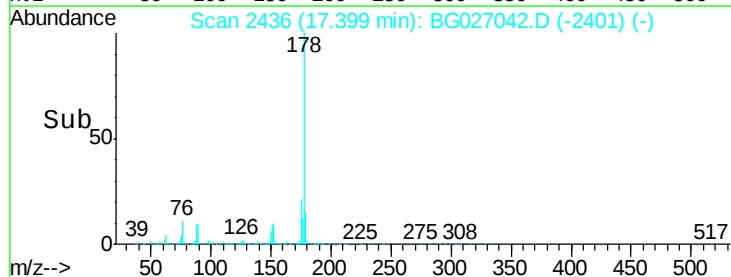
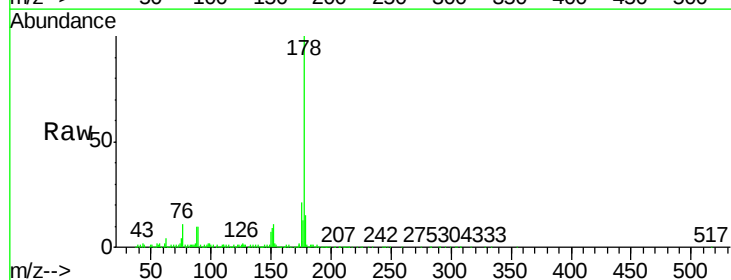
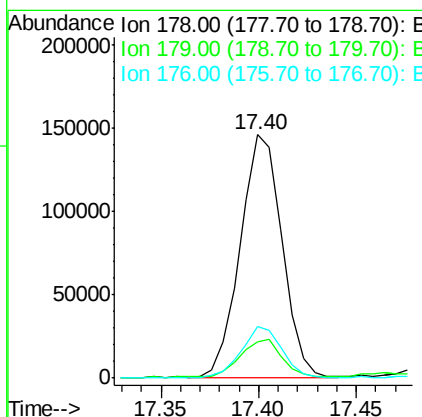
RT: 17.40 min Scan# 2436

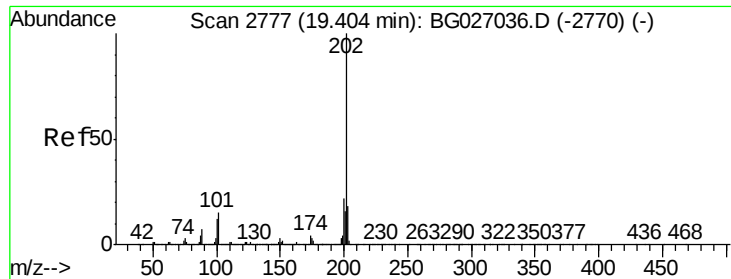
Delta R.T. 0.01 min

Lab File: BG027042.D

Acq: 19 May 2017 16:21

Tgt Ion:	178	Resp:	215568
Ion Ratio	Lower	Upper	
178	100		
179	15.1	12.3	18.5
176	21.4	15.1	22.7





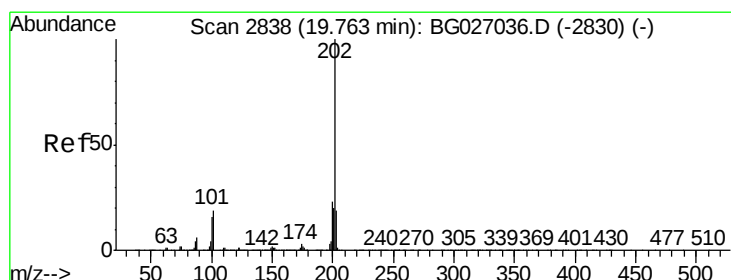
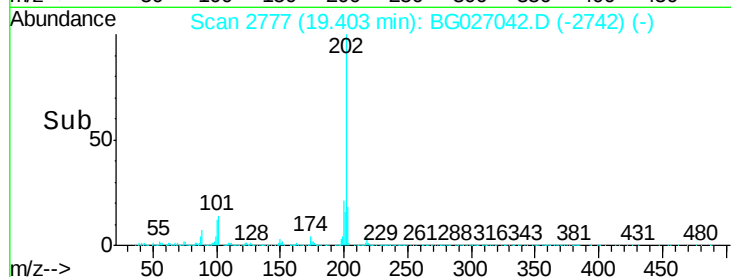
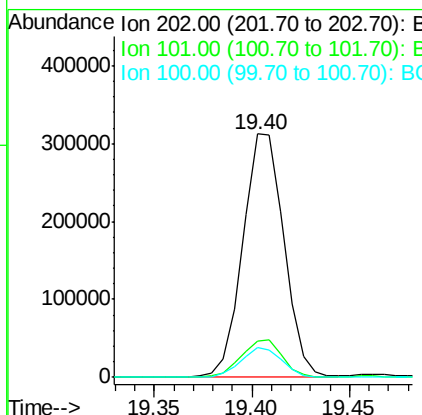
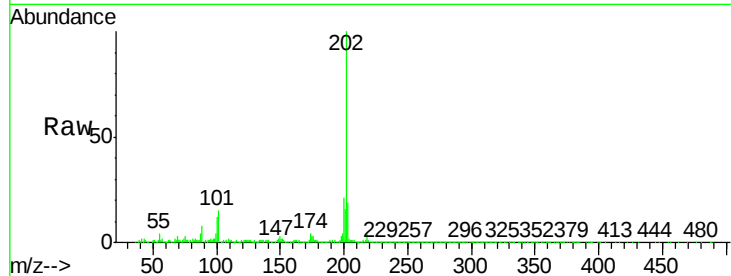
#16
 Fluoranthene
 Concen: 9.64 ng/ul
 RT: 19.40 min Scan# 2777
 Delta R.T. 0.01 min
 Lab File: BG027042.D
 Acq: 19 May 2017 16:21

Instrument :
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 ClientSampleId :
 DAC34

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	15.0	9.9	14.9#
100	12.3	7.4	11.0#

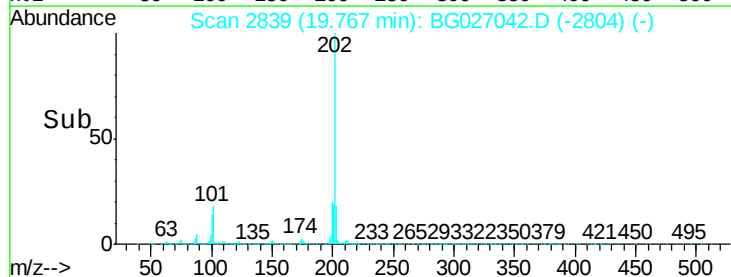
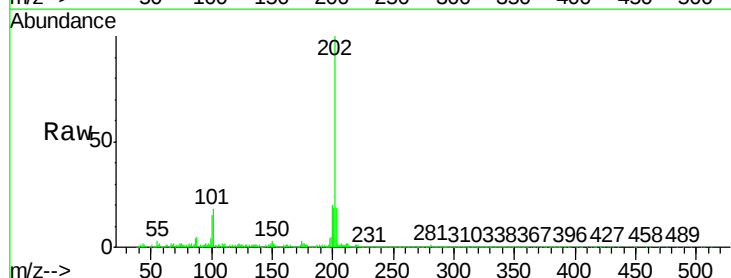
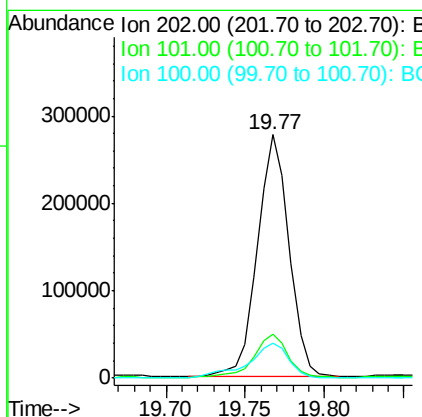
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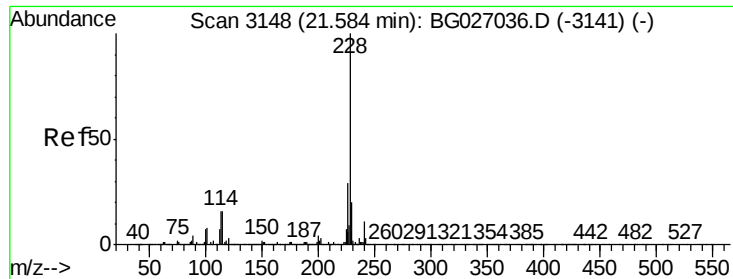
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#19
 Pyrene
 Concen: 7.91 ng/ul
 RT: 19.77 min Scan# 2839
 Delta R.T. 0.01 min
 Lab File: BG027042.D
 Acq: 19 May 2017 16:21

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	18.1	11.0	16.4#
100	14.6	8.1	12.1#





#20

Benzo(a)anthracene

Concen: 5.23 ng/ul

RT: 21.59 min Scan# 3149

Delta R.T. 0.01 min

Lab File: BG027042.D

Acq: 19 May 2017 16:21

Instrument :

BNA_G

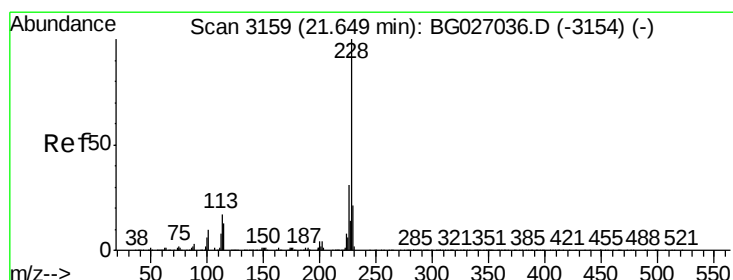
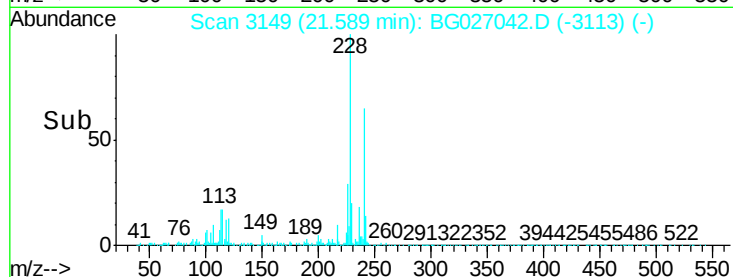
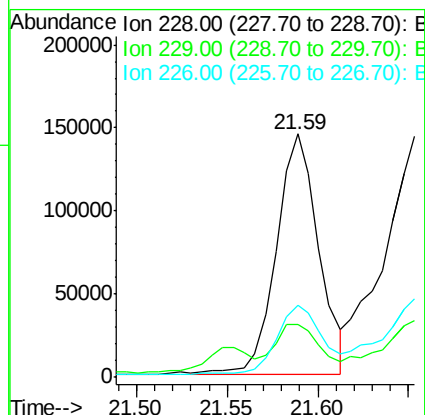
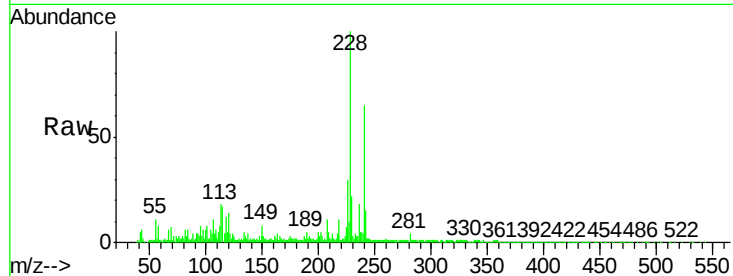
ClientSampleId :

DAC34

Tgt Ion:	228	Resp:	235864
Ion Ratio	Lower	Upper	
228	100		
229	21.6	15.7	23.5
226	29.6	21.1	31.7

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#21

Chrysene

Concen: 6.80 ng/ul

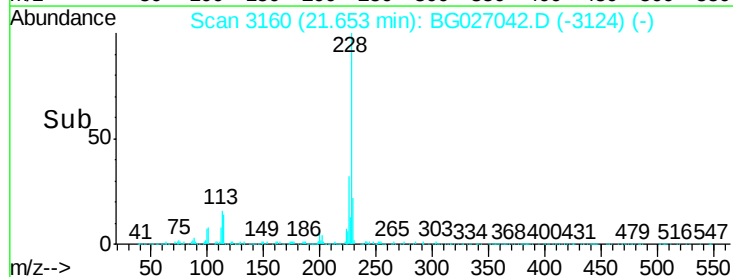
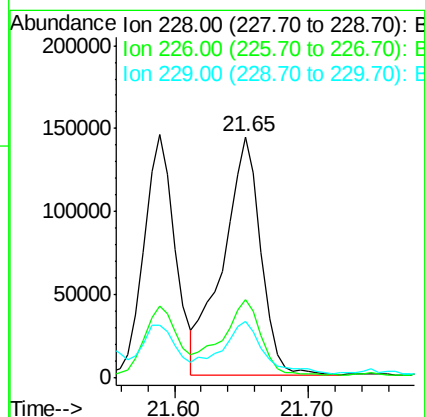
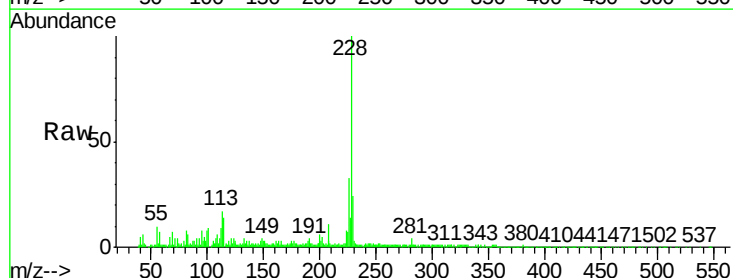
RT: 21.65 min Scan# 3160

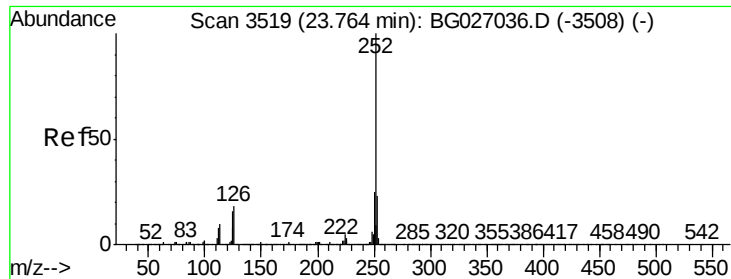
Delta R.T. 0.01 min

Lab File: BG027042.D

Acq: 19 May 2017 16:21

Tgt Ion:	228	Resp:	281521
Ion Ratio	Lower	Upper	
228	100		
226	32.7	24.5	36.7
229	23.6	15.8	23.8





#23

Benzo(b)fluoranthene

Concen: 9.61 ng/ul

RT: 23.78 min Scan# 3522

Delta R.T. 0.02 min

Lab File: BG027042.D

Acq: 19 May 2017 16:21

Instrument :

BNA_G

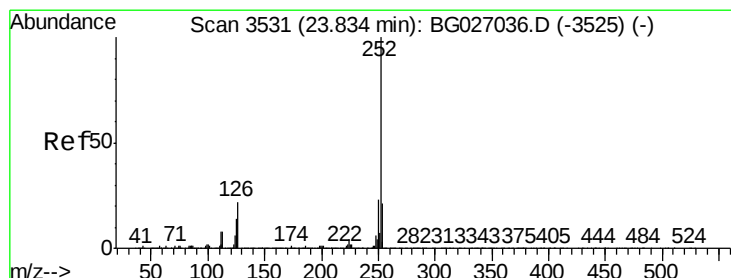
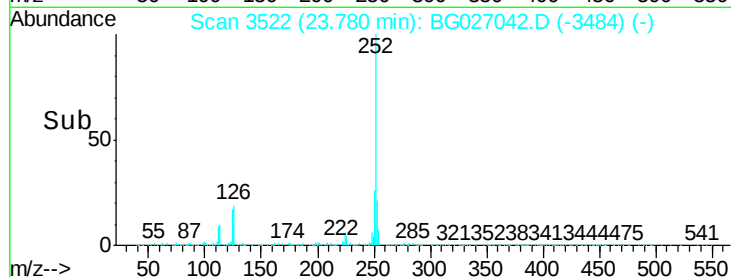
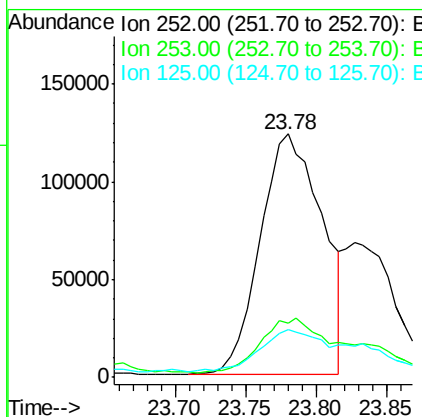
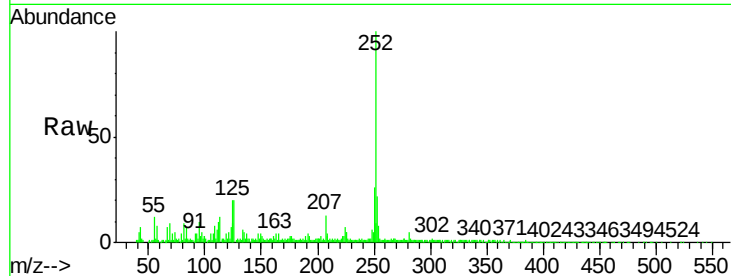
ClientSampleId :

DAC34

Tgt Ion:	252	Resp:	377928
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.0	27.0
125	19.5	8.0	12.0#

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#24

Benzo(k)fluoranthene

Concen: 4.50 ng/ul m

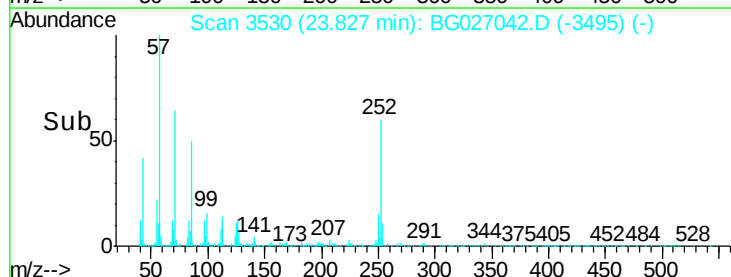
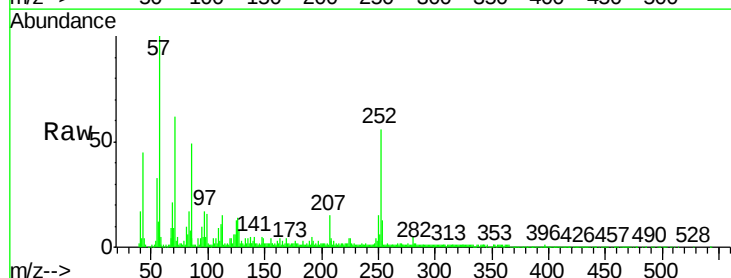
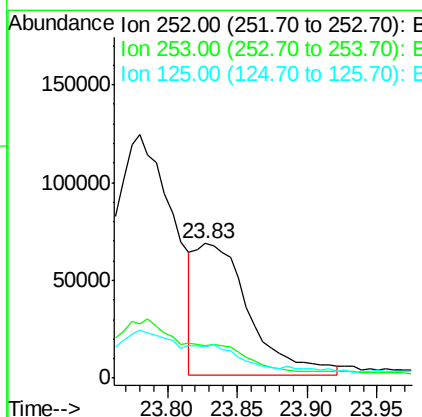
RT: 23.83 min Scan# 3530

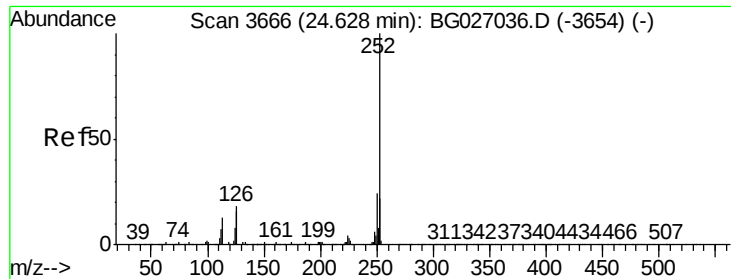
Delta R.T. 0.01 min

Lab File: BG027042.D

Acq: 19 May 2017 16:21

Tgt Ion:	252	Resp:	182201
Ion Ratio	Lower	Upper	
252	100		
253	24.0	18.0	27.0
125	23.3	8.1	12.1#





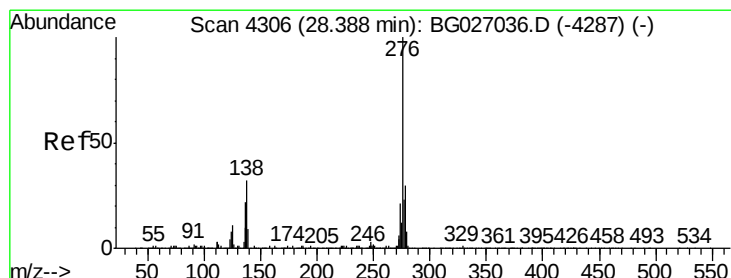
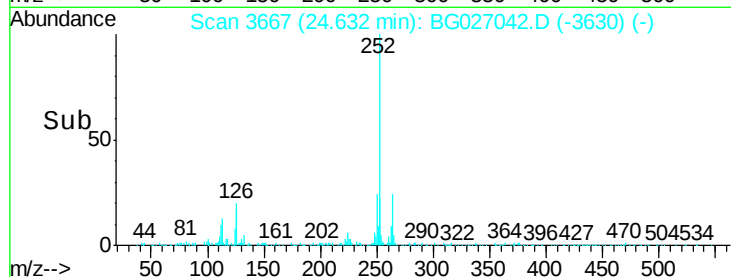
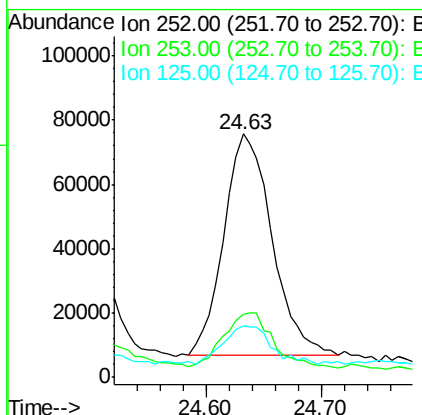
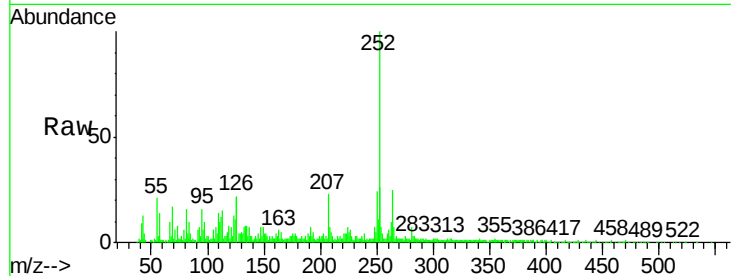
#26
Benzo(a)pyrene
Concen: 5.19 ng/ul
RT: 24.63 min Scan# 3667
Delta R.T. 0.02 min
Lab File: BG027042.D
Acq: 19 May 2017 16:21

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DAC34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.2	25.8
125	20.9	8.2	12.4#

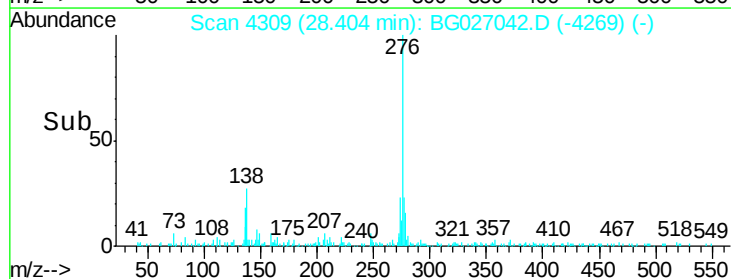
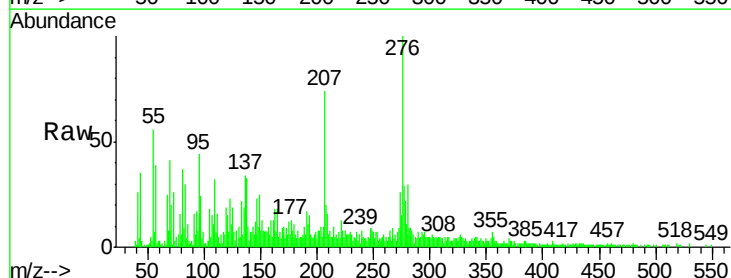
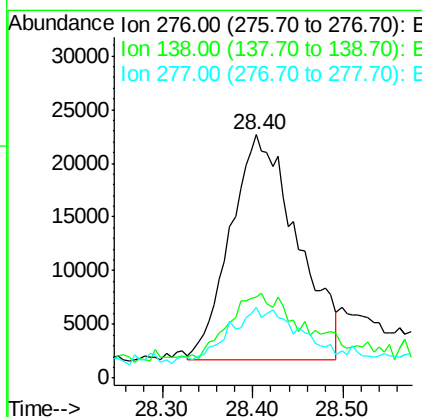
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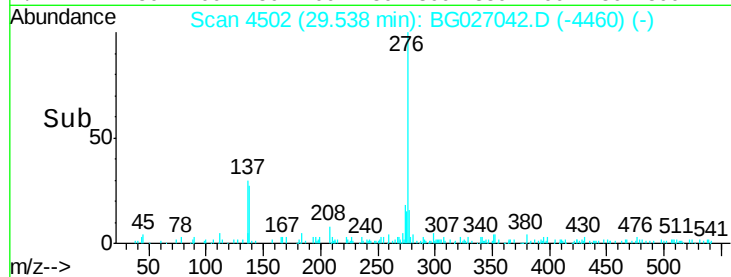
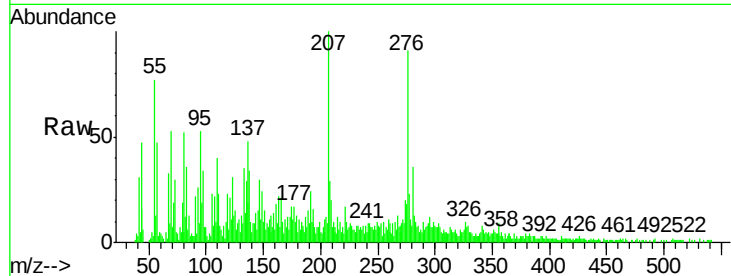
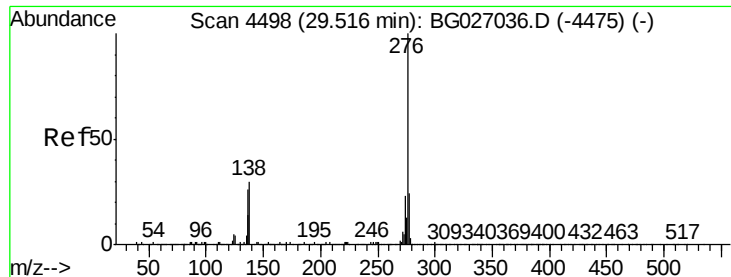
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#27
Indeno(1,2,3-cd)pyrene
Concen: 3.03 ng/ul m
RT: 28.40 min Scan# 4309
Delta R.T. 0.04 min
Lab File: BG027042.D
Acq: 19 May 2017 16:21

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.5	14.4	21.6#
277	29.1	18.0	27.0#





#29

Benzo(g,h,i)perylene

Concen: 2.92 ng/ul m

RT: 29.54 min Scan# 4502

Delta R.T. 0.05 min

Lab File: BG027042.D

Acq: 19 May 2017 16:21

Tgt	Ion	276	Resp:	82278
	Ratio	100	Lower	Upper
	276	100		
	138	37.4	15.3	22.9#
	277	25.2	19.0	28.4

Instrument :

BNA_G

ClientSampleId :

DAC34

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