

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051817\
 Data File : BG027038.D
 Acq On : 19 May 2017 13:43
 Operator : SJ/MA
 Sample : I3136-04
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAC15

Manual Integrations
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Quant Time: May 19 14:29:37 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	196395	20.00	ng/ul	0.00
2) Naphthalene-d8	10.81	136	917011	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	470516	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.36	188	841165	20.00	ng/ul	0.00
17) Chrysene-d12	21.60	240	760443	20.00	ng/ul	0.00
22) Perylene-d12	24.78	264	710742	20.00	ng/ul	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	14.31	160	613652	12.71	ng/ul	0.00
10) Fluorene-d10	15.61	176	383622	11.91	ng/ul	0.00
14) Anthracene-d10	17.46	188	529503	12.91	ng/ul	0.00
18) Pyrene-d10	19.74	212	504489	12.71	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.56	264	439702	12.45	ng/ul	0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Phenanthrene	17.40	178	165763	3.53	ng/ul	98
16) Fluoranthene	19.40	202	518516	10.79	ng/ul#	90
19) Pyrene	19.77	202	483719	9.73	ng/ul#	90
20) Benzo(a)anthracene	21.59	228	294431	6.43	ng/ul	94
21) Chrysene	21.65	228	292827	6.96	ng/ul	97
23) Benzo(b)fluoranthene	23.78	252	398942	9.44	ng/ul#	89
24) Benzo(k)fluoranthene	23.83	252	169608m	3.90	ng/ul	
26) Benzo(a)pyrene	24.63	252	260399	6.30	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	28.40	276	126333	3.32	ng/ul#	76
29) Benzo(g,h,i)perylene	29.54	276	144186m	4.77	ng/ul	

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

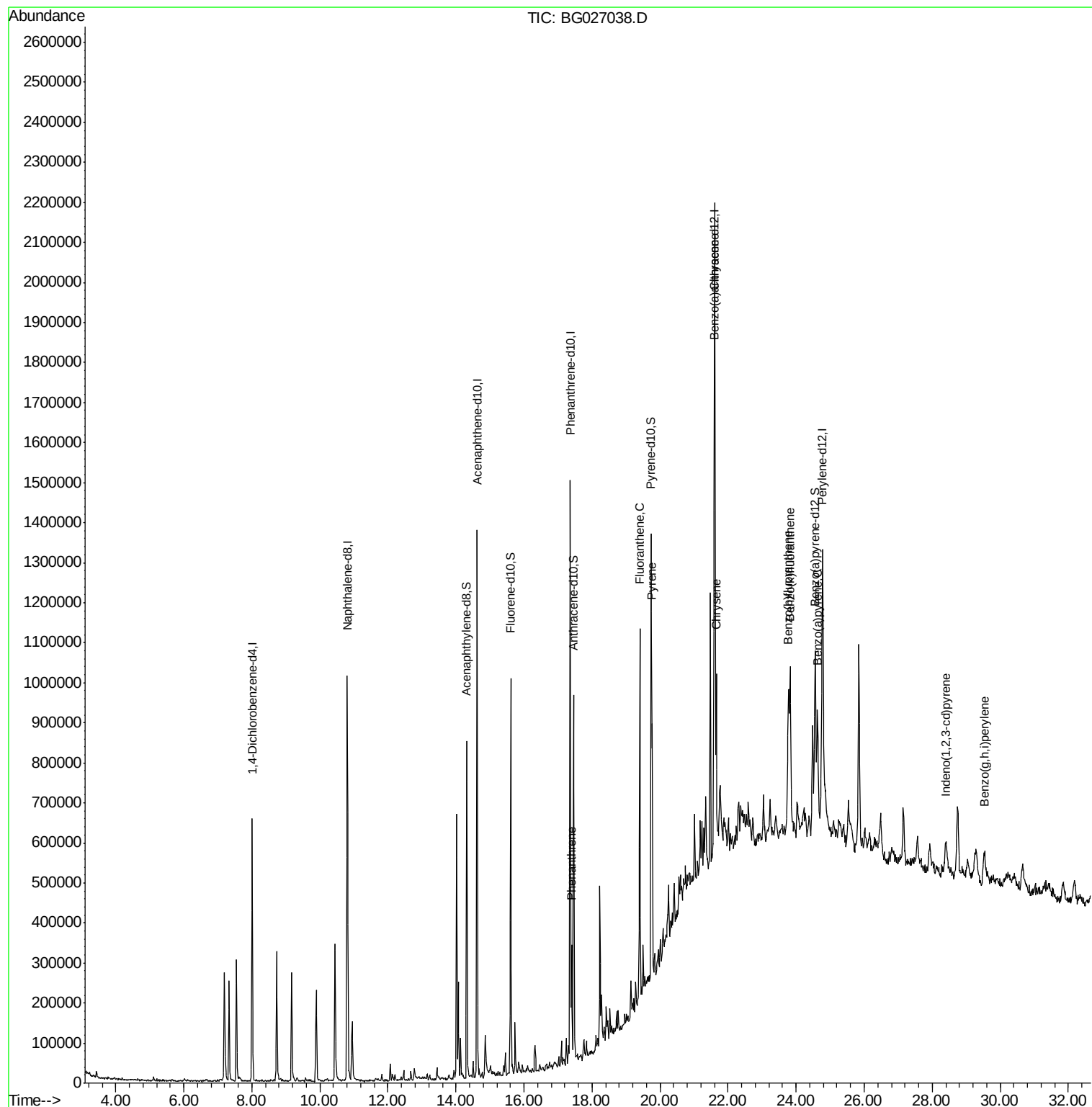
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051817\
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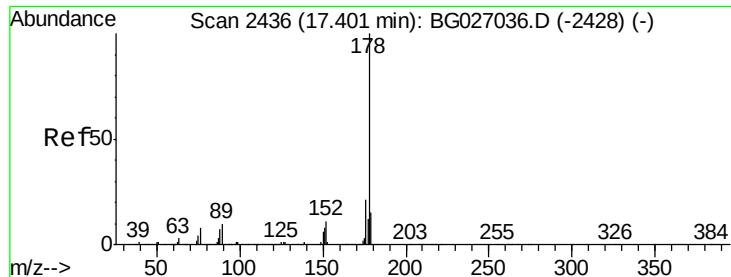
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#13

Phenanthrene

Concen: 3.53 ng/ul

RT: 17.40 min Scan# 2435

Delta R.T. 0.00 min

Lab File: BG027038.D

Acq: 19 May 2017 13:43

Instrument :

BNA_G

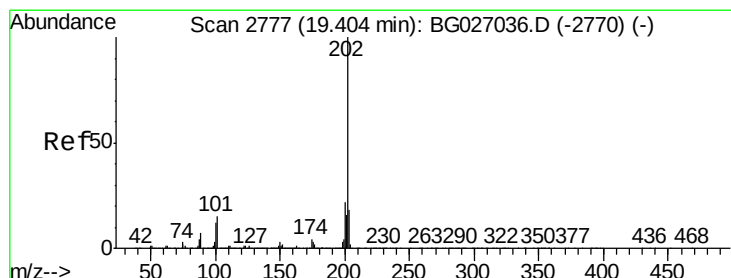
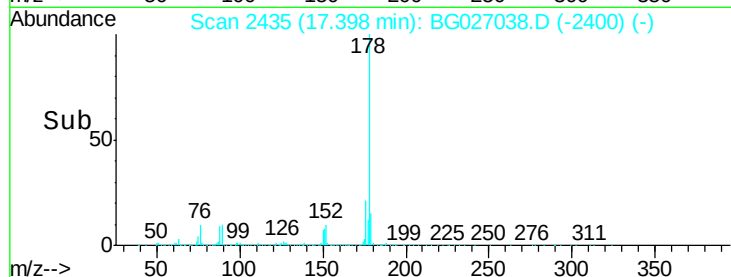
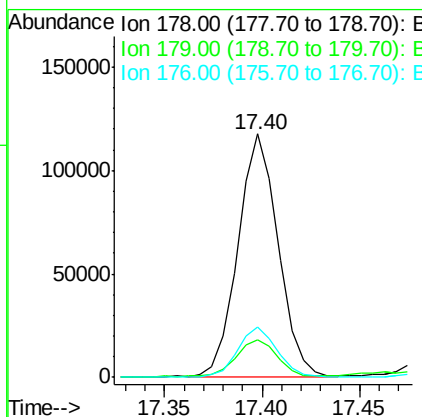
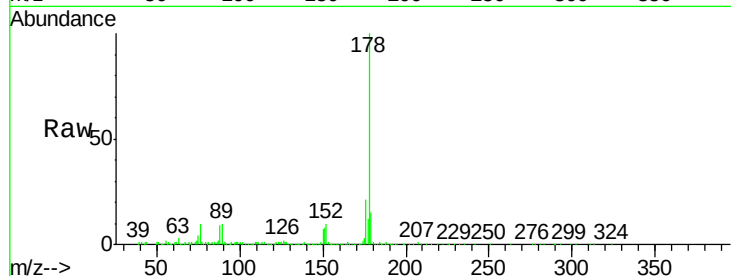
ClientSampleId :

DAC15

Tgt	Ion:178	Resp:	165763
Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	20.7	15.1	22.7

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#16

Fluoranthene

Concen: 10.79 ng/ul

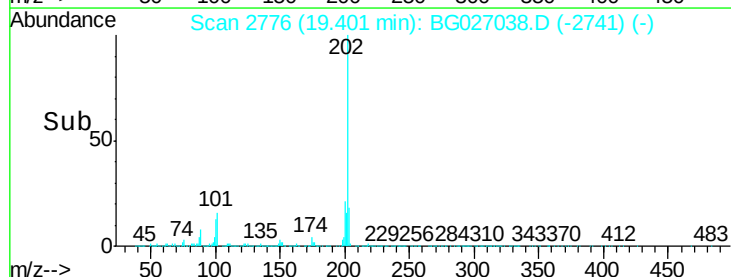
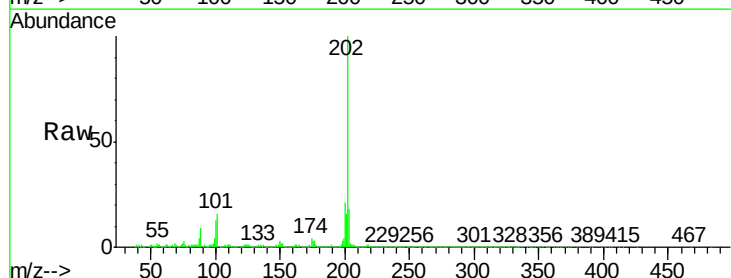
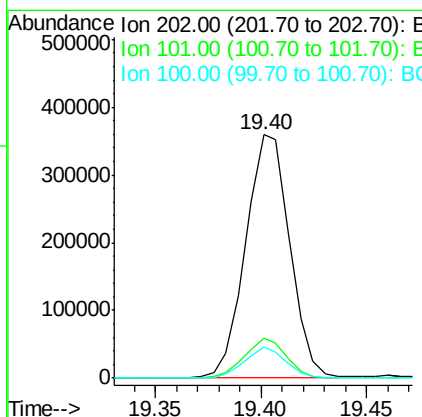
RT: 19.40 min Scan# 2776

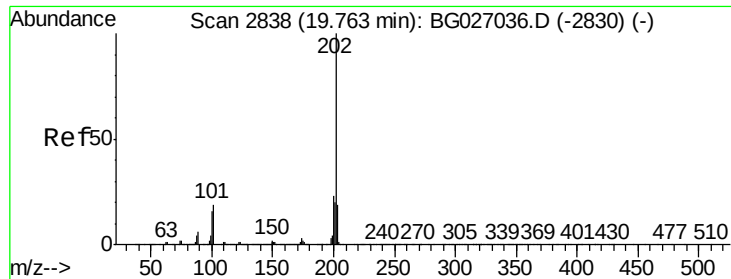
Delta R.T. 0.00 min

Lab File: BG027038.D

Acq: 19 May 2017 13:43

Tgt	Ion:202	Resp:	518516
Ion	Ratio	Lower	Upper
202	100		
101	16.3	9.9	14.9#
100	12.8	7.4	11.0#





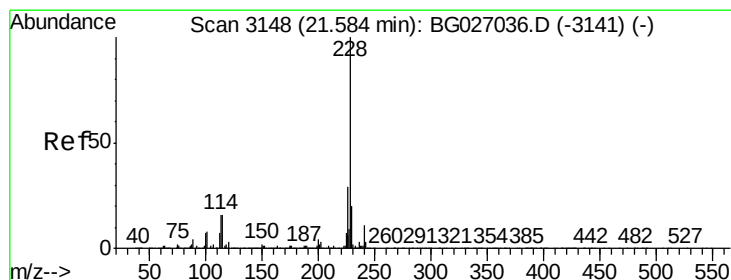
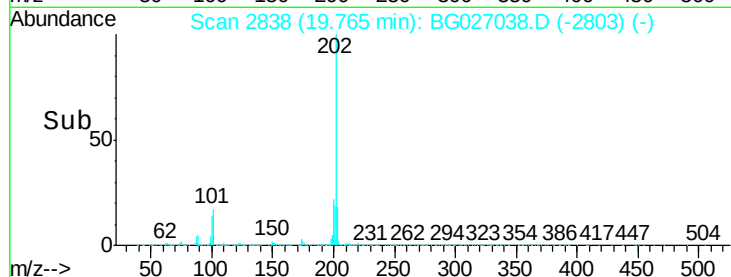
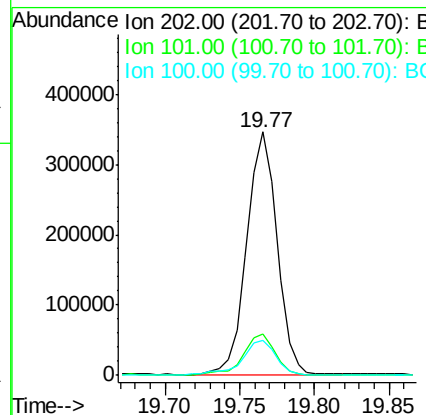
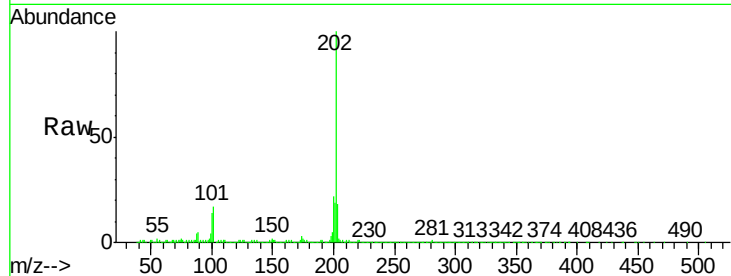
#19
Pyrene
Concen: 9.73 ng/ul
RT: 19.77 min Scan# 2838
Delta R.T. 0.00 min
Lab File: BG027038.D
Acq: 19 May 2017 13:43

Instrument :
BNA_G
ClientSampleId :
DAC15

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	16.9	11.0	16.4#
100	14.4	8.1	12.1#

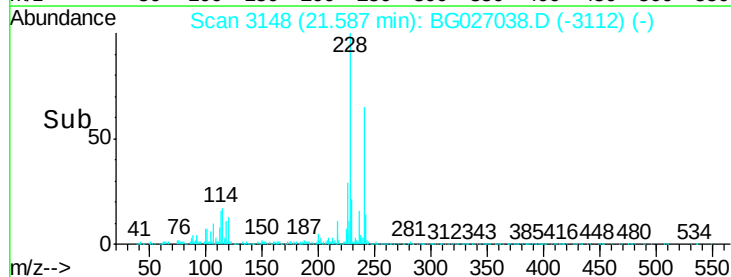
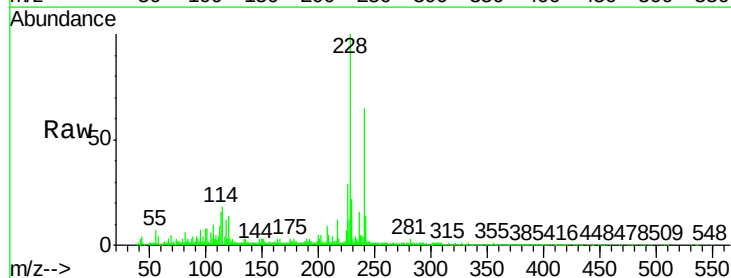
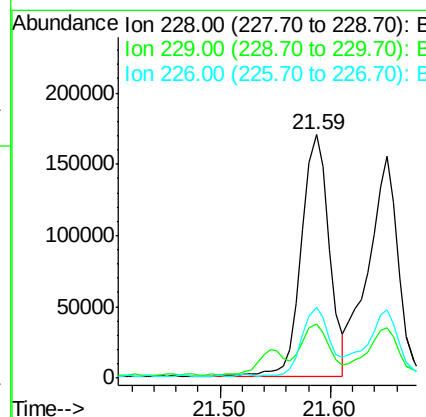
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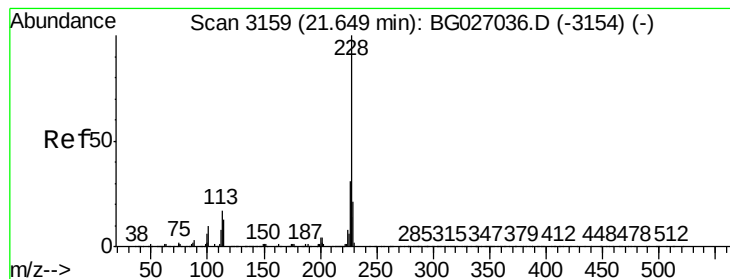
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#20
Benzo(a)anthracene
Concen: 6.43 ng/ul
RT: 21.59 min Scan# 3148
Delta R.T. 0.01 min
Lab File: BG027038.D
Acq: 19 May 2017 13:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	22.1	15.7	23.5
226	29.3	21.1	31.7





#21

Chrysene

Concen: 6.96 ng/ul

RT: 21.65 min Scan# 3159

Delta R.T. 0.01 min

Lab File: BG027038.D

Acq: 19 May 2017 13:43

Instrument :

BNA_G

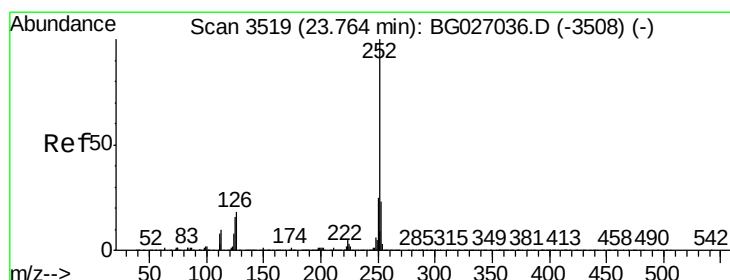
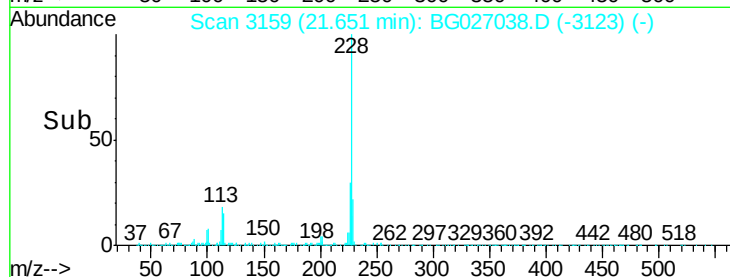
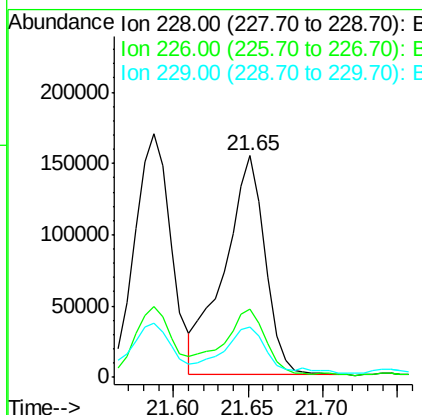
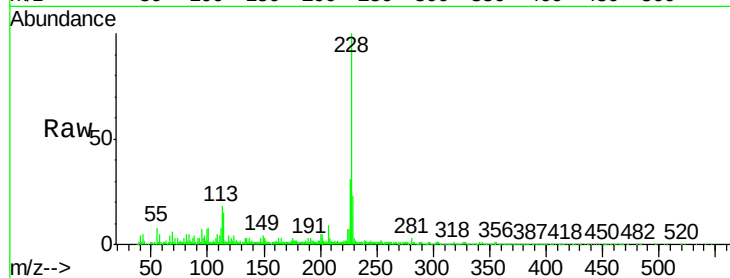
ClientSampleId :

DAC15

Tgt Ion:	228	Resp:	292827
Ion Ratio		Lower	Upper
228	100		
226	31.1	24.5	36.7
229	23.0	15.8	23.8

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#23

Benzo(b)fluoranthene

Concen: 9.44 ng/ul

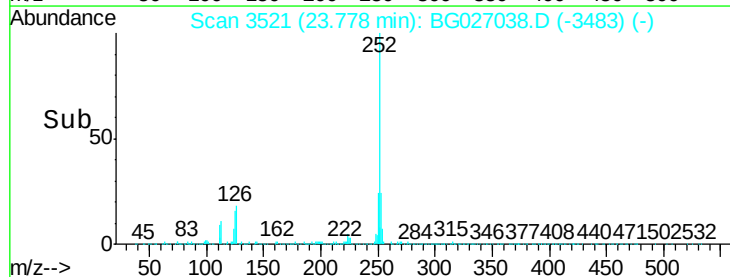
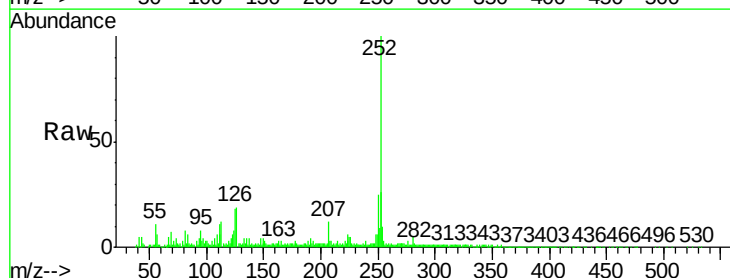
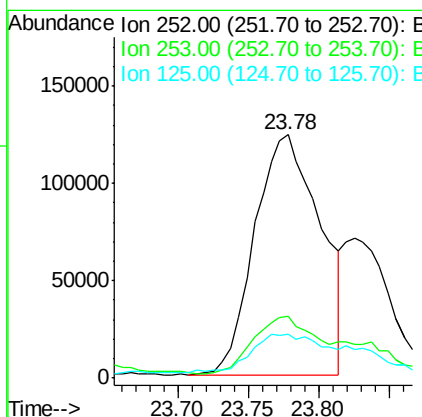
RT: 23.78 min Scan# 3521

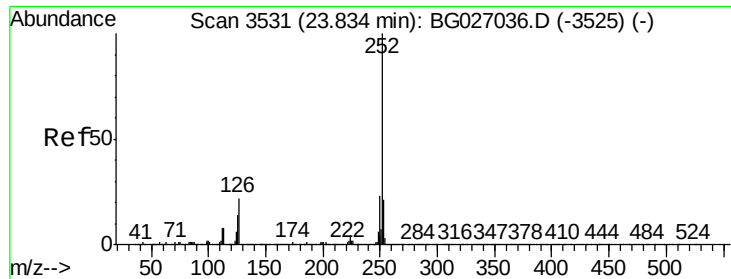
Delta R.T. 0.02 min

Lab File: BG027038.D

Acq: 19 May 2017 13:43

Tgt Ion:	252	Resp:	398942
Ion Ratio		Lower	Upper
252	100		
253	25.6	18.0	27.0
125	17.8	8.0	12.0#





#24

Benzo(k)fluoranthene

Concen: 3.90 ng/ul m

RT: 23.83 min Scan# 3529

Delta R.T. 0.00 min

Lab File: BG027038.D

Acq: 19 May 2017 13:43

Instrument :

BNA_G

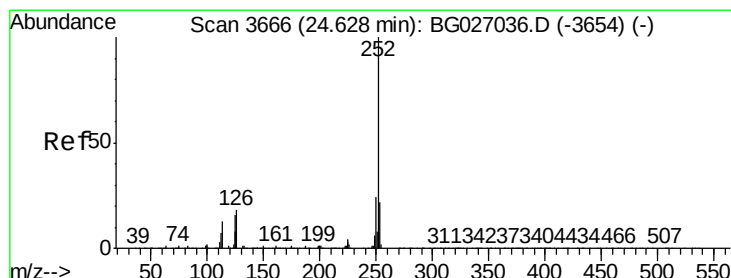
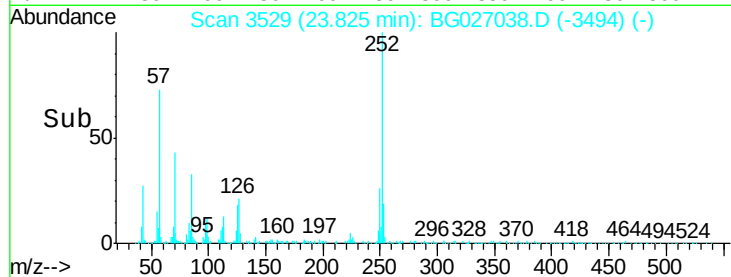
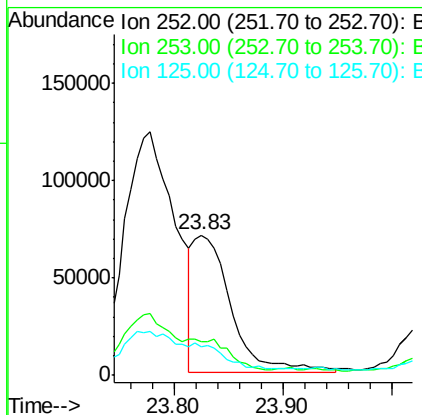
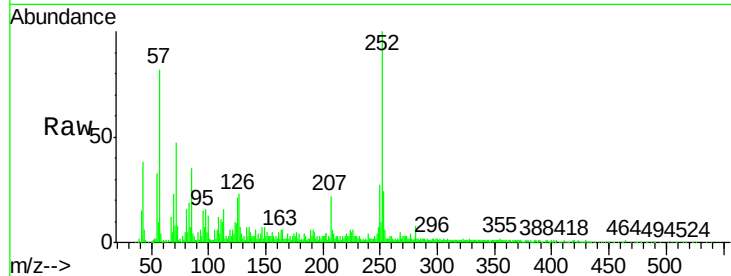
ClientSampleId :

DAC15

Tgt Ion:	252	Resp:	169608
Ion Ratio	Lower	Upper	
252	100		
253	24.4	18.0	27.0
125	20.7	8.1	12.1#

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#26

Benzo(a)pyrene

Concen: 6.30 ng/ul

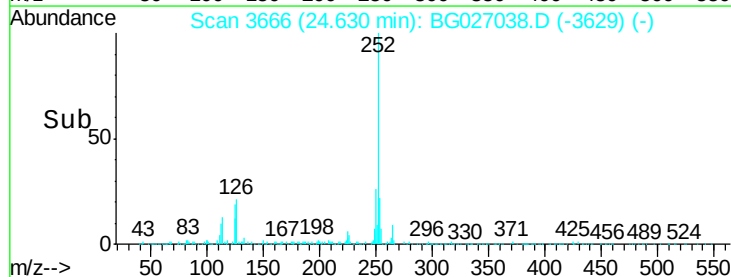
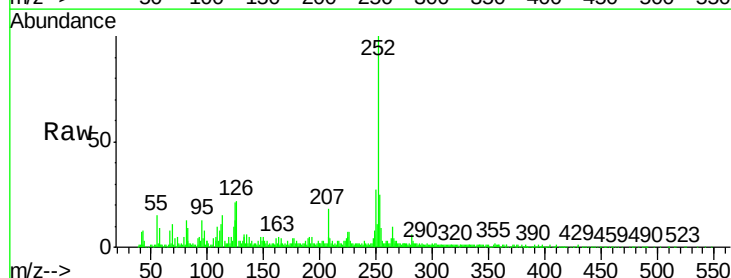
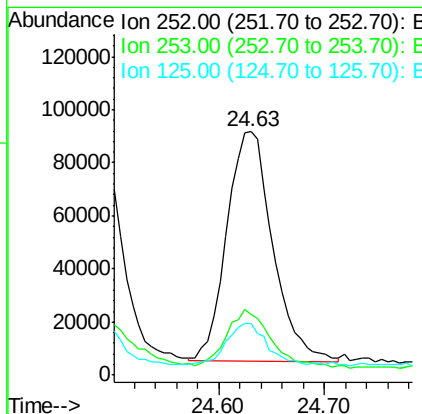
RT: 24.63 min Scan# 3666

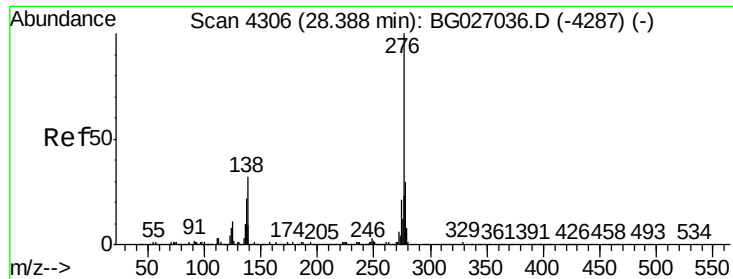
Delta R.T. 0.02 min

Lab File: BG027038.D

Acq: 19 May 2017 13:43

Tgt Ion:	252	Resp:	260399
Ion Ratio	Lower	Upper	
252	100		
253	24.9	17.2	25.8
125	21.0	8.2	12.4#





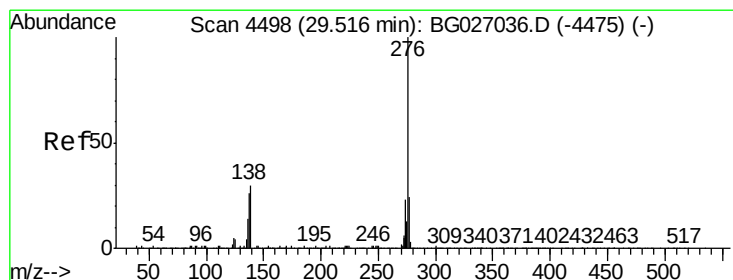
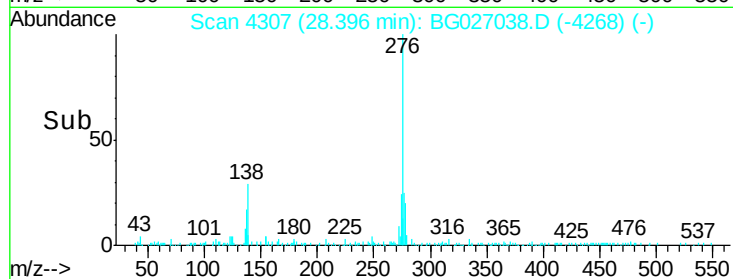
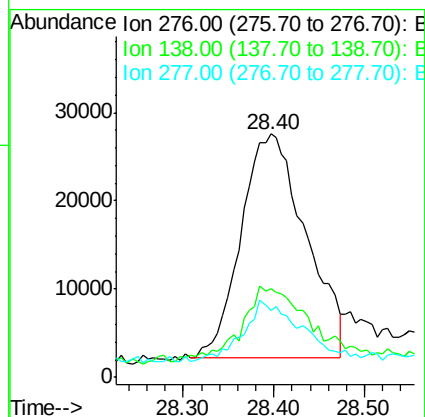
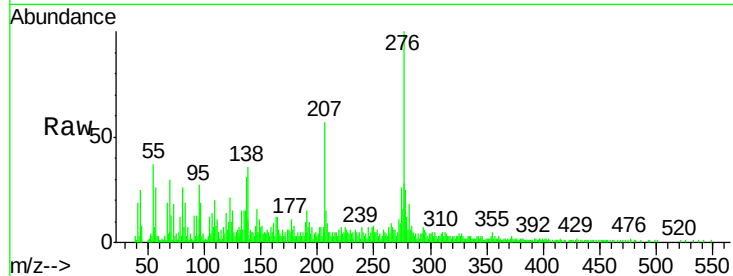
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 3.32 ng/ul
 RT: 28.40 min Scan# 4307
 Delta R.T. 0.03 min
 Lab File: BG027038.D
 Acq: 19 May 2017 13:43

Instrument :
 BNA_G
 ClientSampleId :
 DAC15

Tgt Ion	Ratio	Lower	Upper
276	100		
138	36.2	14.4	21.6#
277	27.5	18.0	27.0#

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#29
 Benzo(g,h,i)perylene
 Concen: 4.77 ng/ul m
 RT: 29.54 min Scan# 4501
 Delta R.T. 0.04 min
 Lab File: BG027038.D
 Acq: 19 May 2017 13:43

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.9	15.3	22.9#
277	23.2	19.0	28.4

