

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051817\
 Data File : BG027034.D
 Acq On : 19 May 2017 11:05
 Operator : SJ/MA
 Sample : I3136-21
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAC31

Manual Integrations
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Quant Time: May 19 12:55:19 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	253297	20.00	ng/ul	0.00
2) Naphthalene-d8	10.80	136	1147429	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	606406	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.35	188	1108416	20.00	ng/ul	0.00
17) Chrysene-d12	21.60	240	990177	20.00	ng/ul	0.00
22) Perylene-d12	24.77	264	967344	20.00	ng/ul	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	14.32	160	1145296	18.41	ng/ul	0.00
10) Fluorene-d10	15.61	176	732032	17.64	ng/ul	0.00
14) Anthracene-d10	17.45	188	1024842m	18.96	ng/ul	0.00
18) Pyrene-d10	19.73	212	973813	18.84	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.56	264	910266	18.94	ng/ul	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Phenanthrene	17.39	178	118156	1.91	ng/ul	98
16) Fluoranthene	19.40	202	287512	4.54	ng/ul#	95
19) Pyrene	19.76	202	252279	3.90	ng/ul#	89
20) Benzo(a)anthracene	21.58	228	149420	2.50	ng/ul	95
21) Chrysene	21.65	228	163712	2.99	ng/ul	97
23) Benzo(b)fluoranthene	23.77	252	228216	3.97	ng/ul#	92
24) Benzo(k)fluoranthene	23.82	252	100349m	1.70	ng/ul	
26) Benzo(a)pyrene	24.62	252	126833	2.25	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	28.38	276	79531m	1.54	ng/ul	
29) Benzo(g,h,i)perylene	29.51	276	59215m	1.44	ng/ul	

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

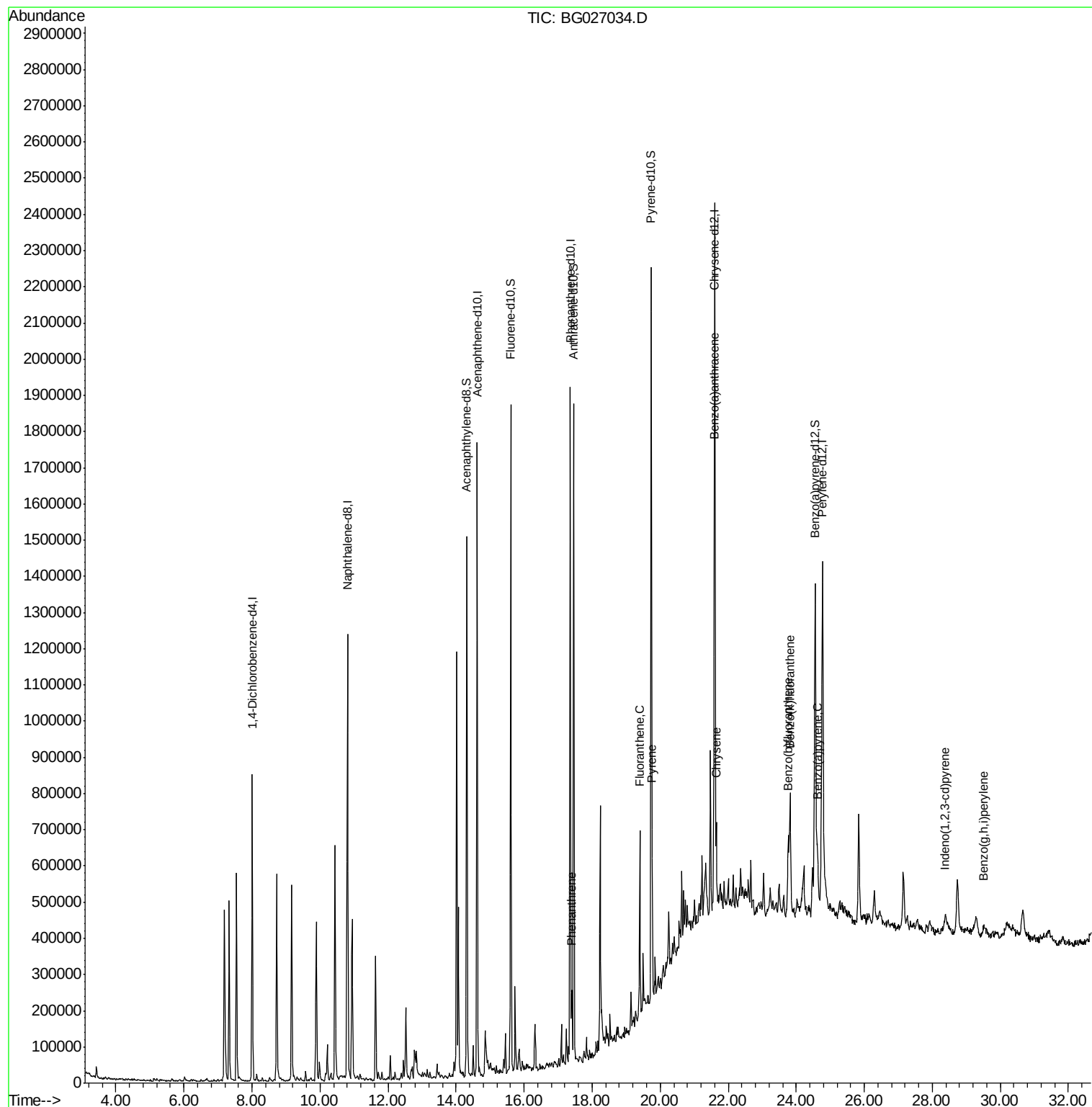
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051817\
Data File : BG027034.D
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Sample : I3136-21
Misc :
ALS Vial : 33 Sample Multiplier: 1

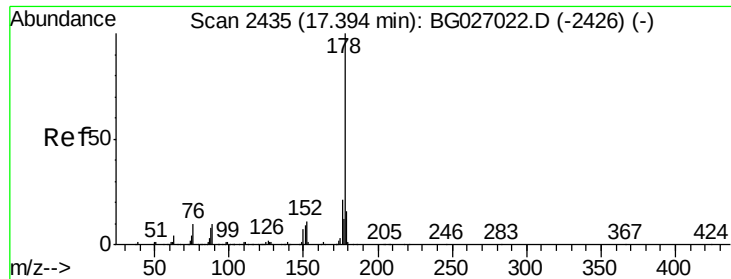
Instrument :
BNA_G
ClientSampled :
DAC31

Quant Time: May 19 12:55:19 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
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#13

Phenanthrene

Concen: 1.91 ng/ul

RT: 17.39 min Scan# 2435

Delta R.T. 0.00 min

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Acq: 19 May 2017 11:05

Instrument :

BNA_G

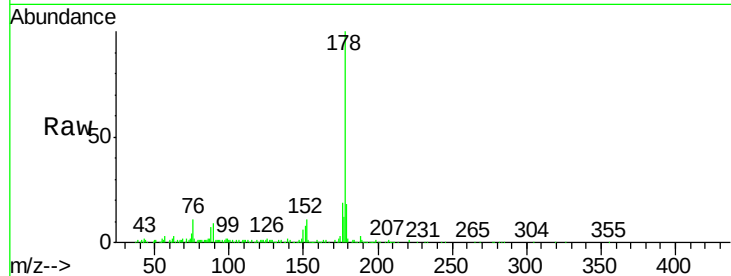
ClientSampleId :

DAC31

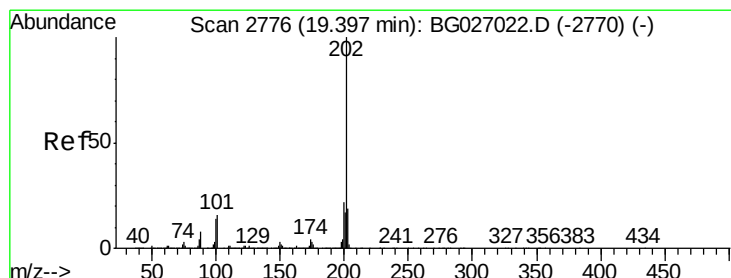
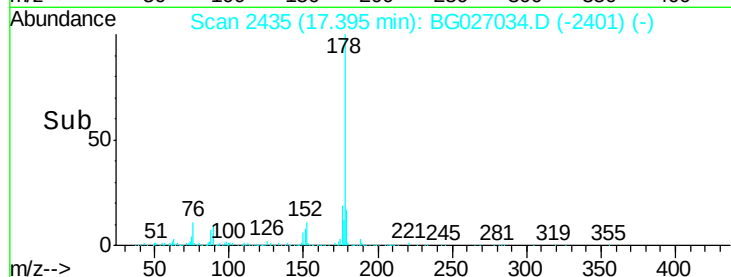
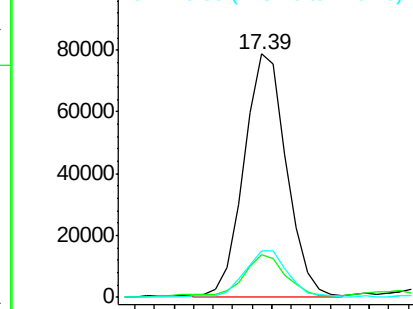
Tgt Ion:	178	Resp:	118156
Ion Ratio		Lower	Upper
178	100		
179	17.6	12.3	18.5
176	18.9	15.1	22.7

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#16

Fluoranthene

Concen: 4.54 ng/ul

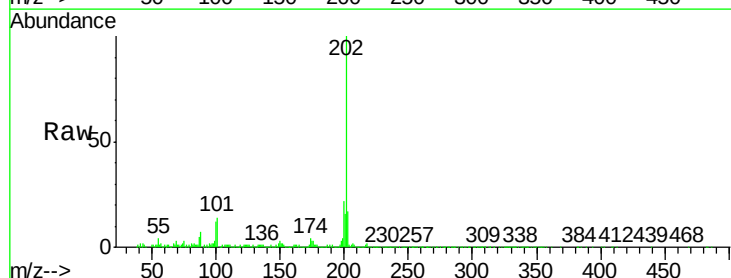
RT: 19.40 min Scan# 2777

Delta R.T. 0.01 min

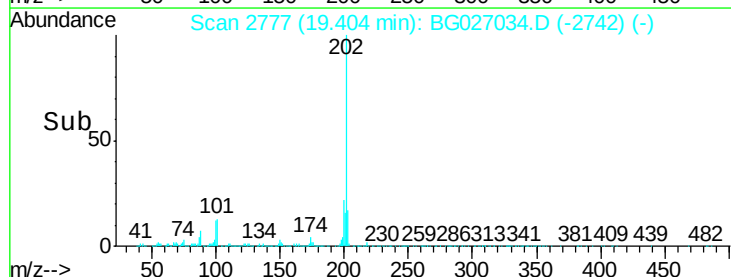
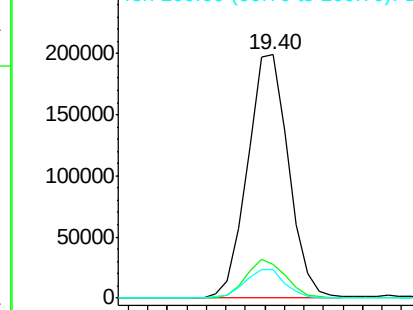
Lab File: BG027034.D

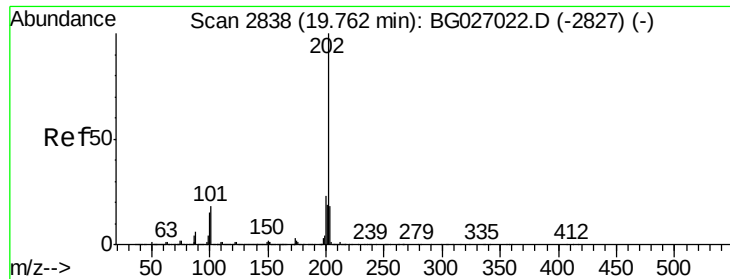
Acq: 19 May 2017 11:05

Tgt Ion:	202	Resp:	287512
Ion Ratio		Lower	Upper
202	100		
101	13.8	9.9	14.9
100	12.0	7.4	11.0#



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





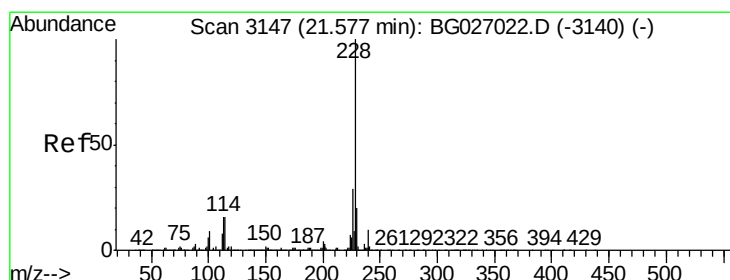
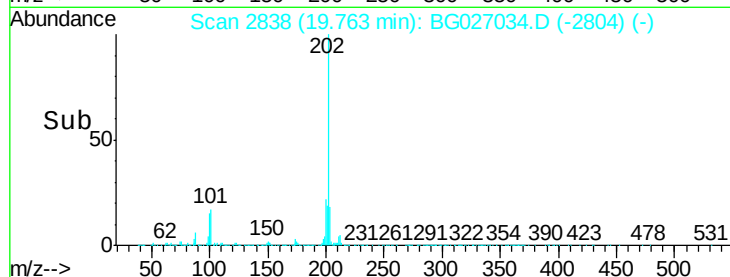
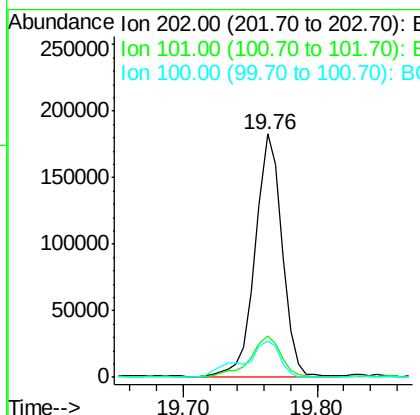
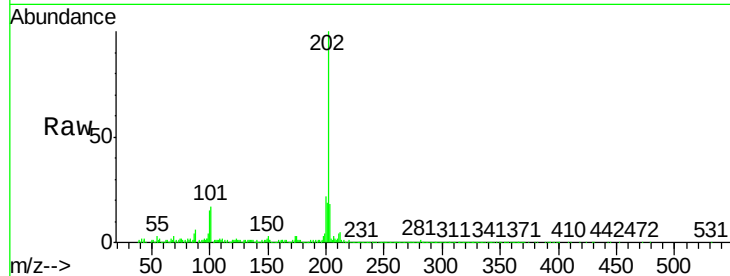
#19
Pyrene
Concen: 3.90 ng/ul
RT: 19.76 min Scan# 2838
Delta R.T. 0.00 min
Lab File: BG027034.D
Acq: 19 May 2017 11:05

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	17.2	11.0	16.4#
100	15.1	8.1	12.1#

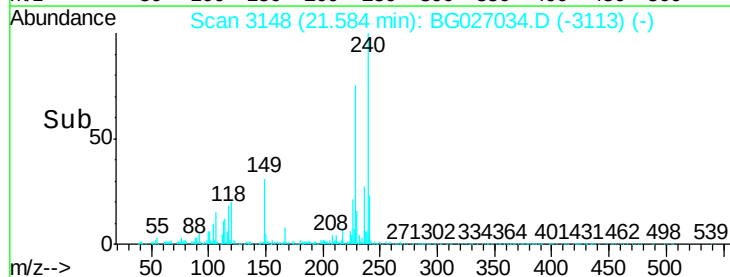
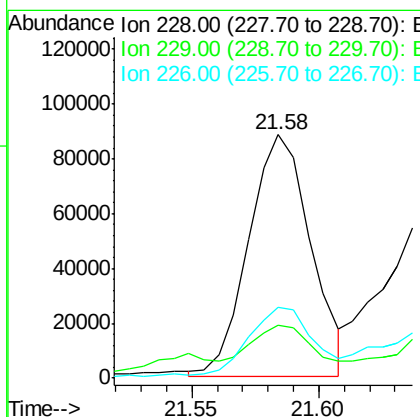
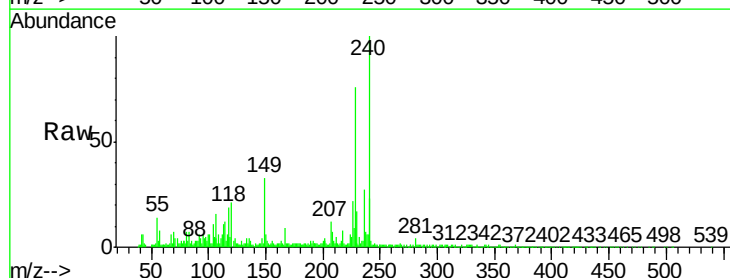
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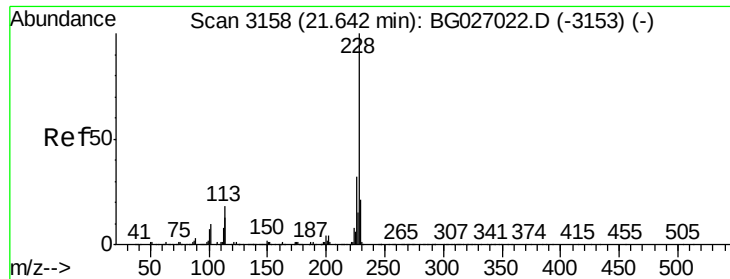
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#20
Benzo(a)anthracene
Concen: 2.50 ng/ul
RT: 21.58 min Scan# 3148
Delta R.T. 0.01 min
Lab File: BG027034.D
Acq: 19 May 2017 11:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.9	15.7	23.5
226	28.9	21.1	31.7





#21

Chrysene

Concen: 2.99 ng/ul

RT: 21.65 min Scan# 3159

Delta R.T. 0.01 min

Lab File: BG027034.D

Acq: 19 May 2017 11:05

Instrument :

BNA_G

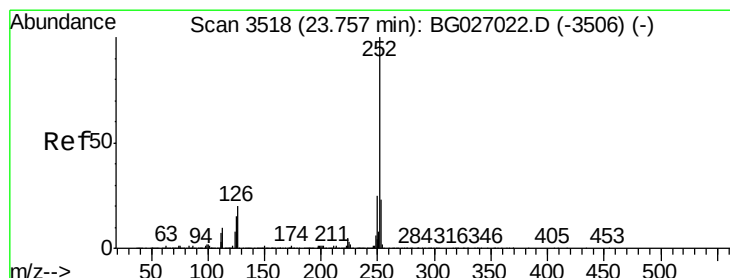
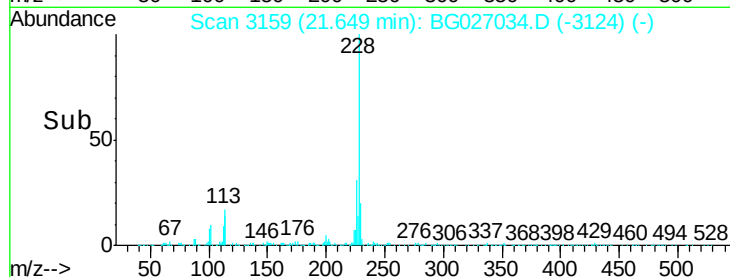
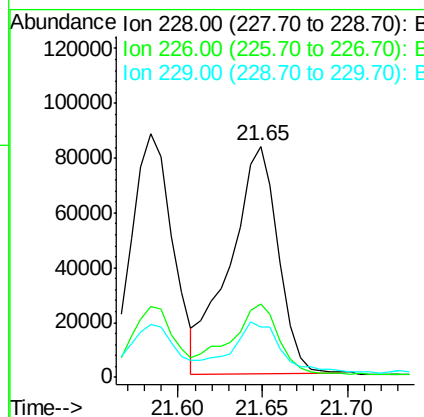
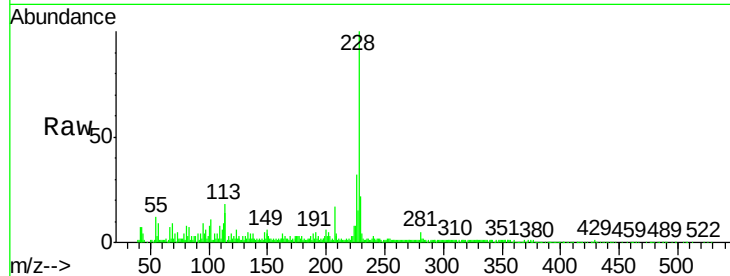
ClientSampled :

DAC31

Tgt Ion:	228	Resp:	163712
Ion Ratio	Lower	Upper	
228	100		
226	31.7	24.5	36.7
229	21.8	15.8	23.8

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#23

Benzo(b)fluoranthene

Concen: 3.97 ng/ul

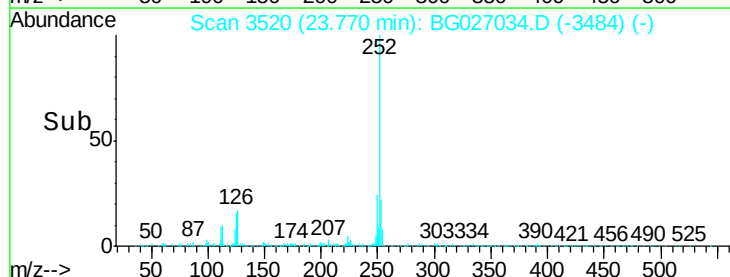
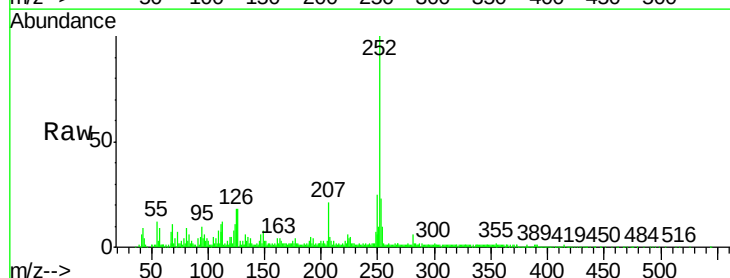
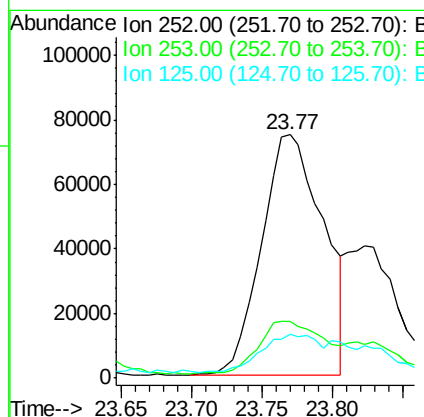
RT: 23.77 min Scan# 3520

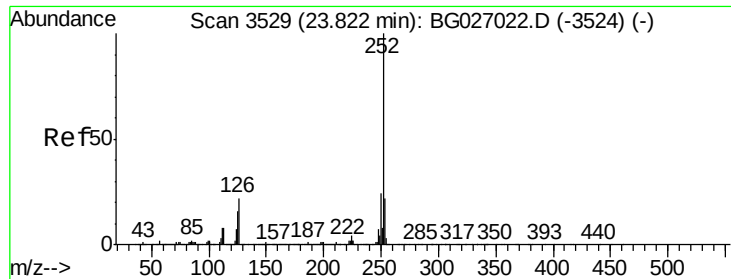
Delta R.T. 0.01 min

Lab File: BG027034.D

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Tgt Ion:	252	Resp:	228216
Ion Ratio	Lower	Upper	
252	100		
253	23.1	18.0	27.0
125	18.3	8.0	12.0#





#24

Benzo(k)fluoranthene

Concen: 1.70 ng/ul m

RT: 23.82 min Scan# 3529

Delta R.T. 0.00 min

Lab File: BG027034.D

Acq: 19 May 2017 11:05

Instrument :

BNA_G

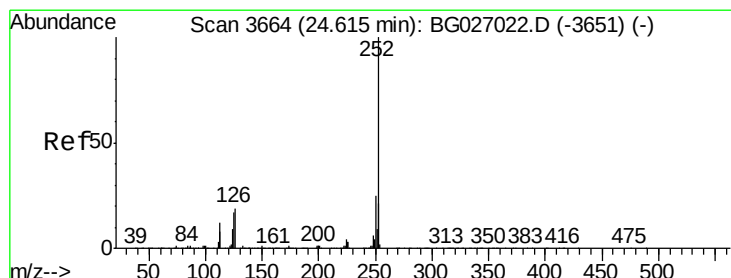
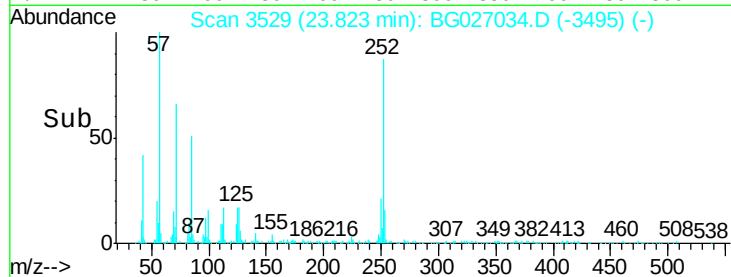
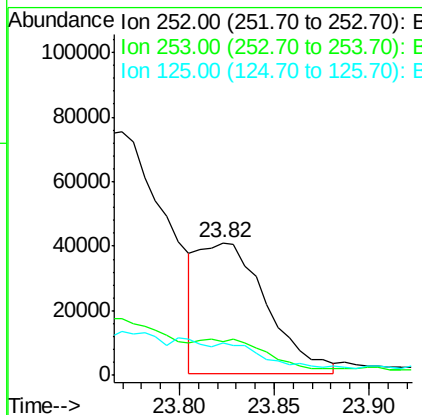
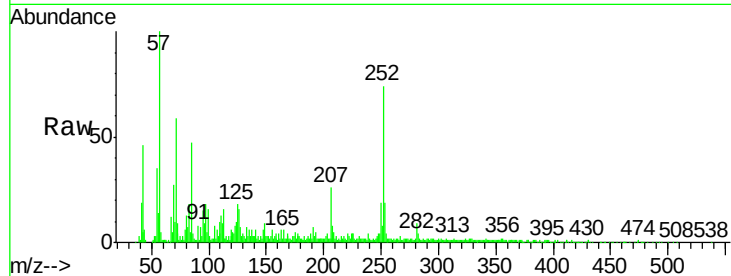
ClientSampleId :

DAC31

Tgt Ion:	252	Resp:	100349
Ion Ratio		Lower	Upper
252	100		
253	25.8	18.0	27.0
125	24.1	8.1	12.1#

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#26

Benzo(a)pyrene

Concen: 2.25 ng/ul

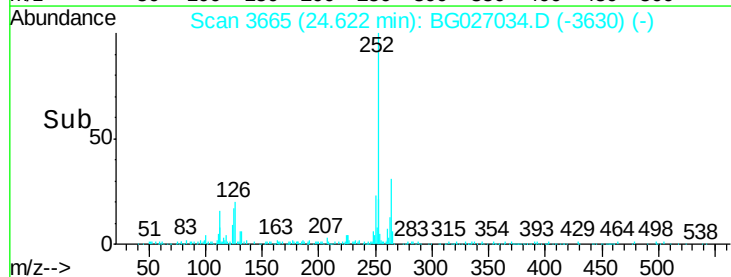
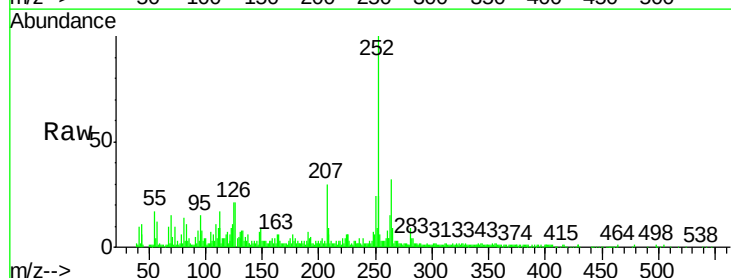
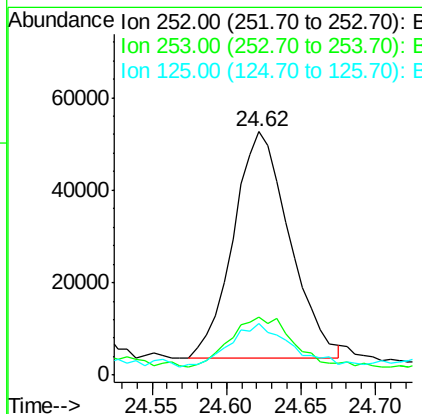
RT: 24.62 min Scan# 3665

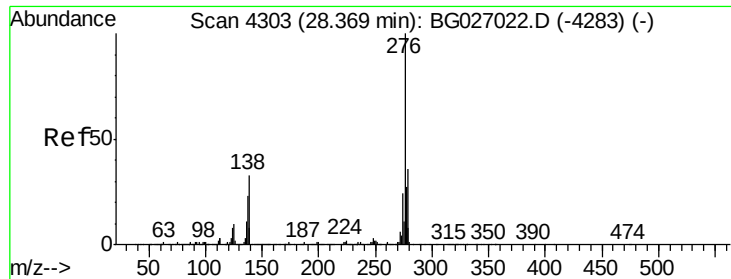
Delta R.T. 0.01 min

Lab File: BG027034.D

Acq: 19 May 2017 11:05

Tgt Ion:	252	Resp:	126833
Ion Ratio		Lower	Upper
252	100		
253	23.7	17.2	25.8
125	21.3	8.2	12.4#





#27

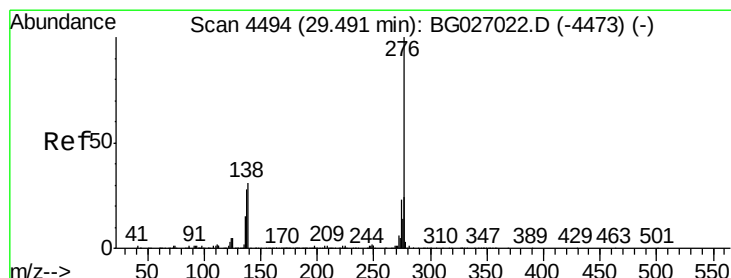
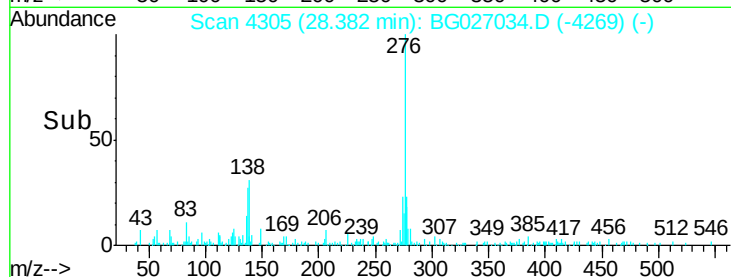
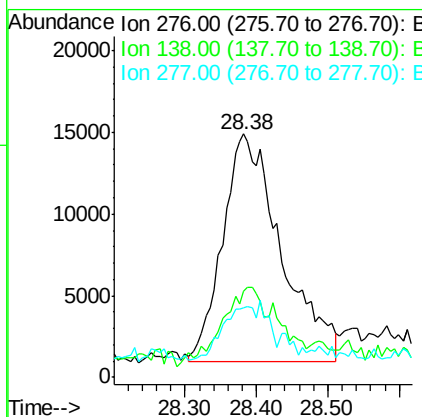
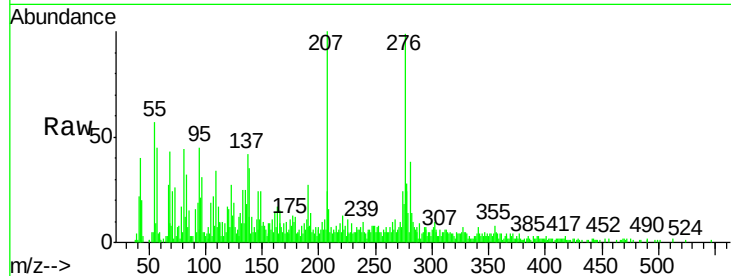
Indeno(1,2,3-cd)pyrene
Concen: 1.54 ng/ul m
RT: 28.38 min Scan# 4305
Delta R.T. 0.01 min
Lab File: BG027034.D
Acq: 19 May 2017 11:05

Instrument :
BNA_G
ClientSampleId :
DAC31

Tgt Ion	Ratio	Lower	Upper
276	100		
138	35.7	14.4	21.6#
277	28.8	18.0	27.0#

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#29

Benzo(g,h,i)perylene
Concen: 1.44 ng/ul m
RT: 29.51 min Scan# 4497
Delta R.T. 0.02 min
Lab File: BG027034.D
Acq: 19 May 2017 11:05

Tgt Ion	Ratio	Lower	Upper
276	100		
138	40.0	15.3	22.9#
277	28.1	19.0	28.4

