

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101117\
 Data File : BG029160.D
 Acq On : 11 Oct 2017 5:22
 Operator : SJ/JU
 Sample : I5668-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB3G4

Manual Integrations
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Quant Time: Oct 11 08:07:33 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101117.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 11 04:24:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	51692	20.00	ng/ul	0.00
2) Naphthalene-d8	11.03	136	231424	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.83	164	154665	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.57	188	360942	20.00	ng/ul	0.00
18) Chrysene-d12	21.85	240	390210	20.00	ng/ul	0.00
23) Perylene-d12	25.20	264	392322	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.65	165	25670	5.80	ng/ul	0.00
7) Acenaphthylene-d8	14.52	160	315763	20.36	ng/ul	0.00
10) Fluorene-d10	15.82	176	239780	19.71	ng/ul	0.00
15) Anthracene-d10	17.66	188	346104	19.40	ng/ul	0.00
19) Pyrene-d10	19.93	212	427124	20.83	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.97	264	377649	19.24	ng/ul	0.00
Target Compounds						
						Qvalue
4) Naphthalene	11.09	128	14214	1.168	ng/ul	96
14) Phenanthrene	17.61	178	167583	8.571	ng/ul	97
16) Anthracene	17.70	178	34625m	1.728	ng/ul	
17) Fluoranthene	19.60	202	321774	13.986	ng/ul	99
20) Pyrene	19.96	202	281927	11.916	ng/ul	98
21) Benzo(a)anthracene	21.83	228	164853	6.934	ng/ul	99
22) Chrysene	21.89	228	152083	7.087	ng/ul	98
24) Benzo(b)fluoranthene	24.13	252	206963	8.561	ng/ul	97
25) Benzo(k)fluoranthene	24.19	252	75093m	3.153	ng/ul	
27) Benzo(a)pyrene	25.03	252	128085	5.429	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	29.04	276	68006	3.024	ng/ul#	93
30) Benzo(a,h,i)perylene	30.22	276	41051	2.618	ng/ul	97

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

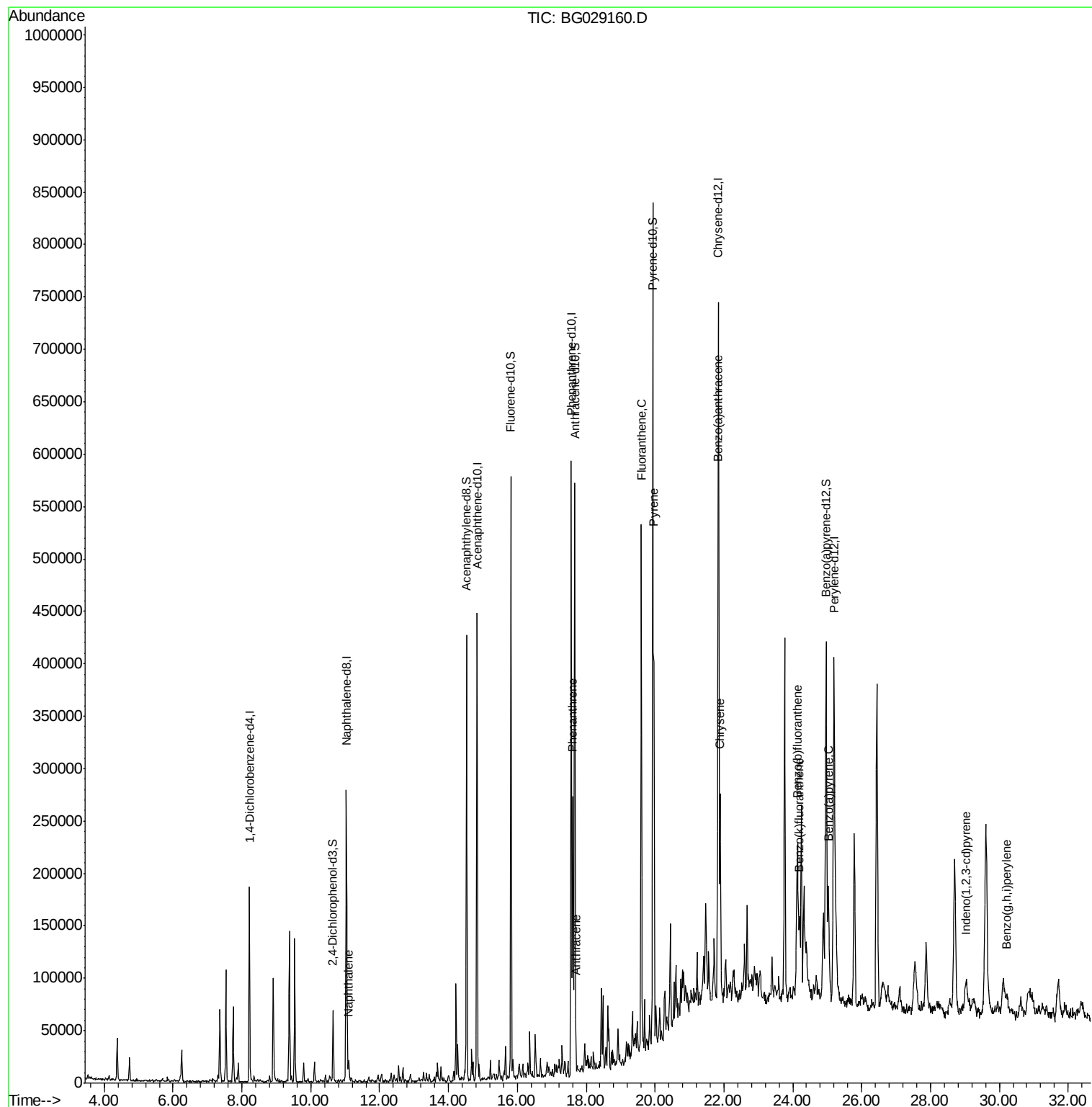
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101117\
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Misc :
ALS Vial : 11 Sample Multiplier: 1

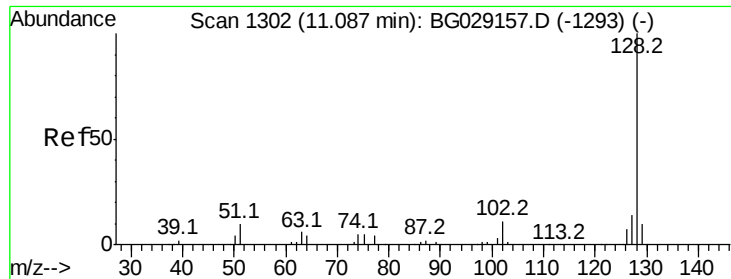
Instrument :
BNA_G
ClientSampled :
CB3G4

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Quant Time: Oct 11 08:07:33 2017
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 11 04:24:22 2017
Response via : Initial Calibration





#4

Naphthalene

Concen: 1.168 ng/ul

RT: 11.09 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BG029160.D

Acq: 11 Oct 2017 5:22

Instrument :

BNA_G

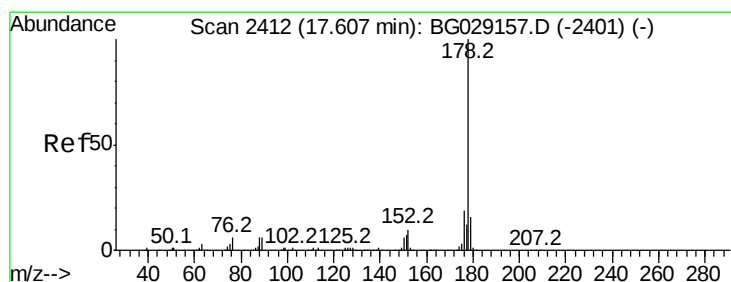
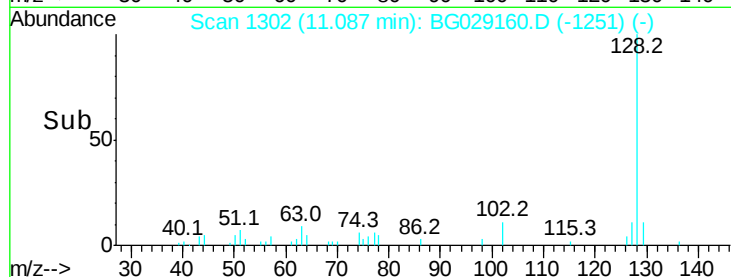
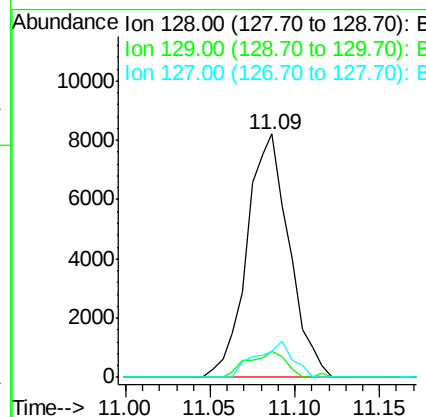
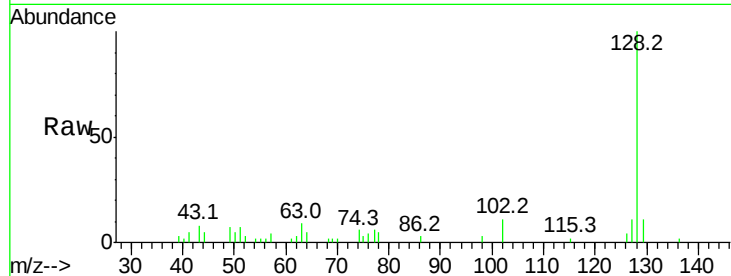
ClientSampleId :

CB3G4

Tot Ion:	128	Resp:	14214
Ion Ratio	Lower	Upper	
128	100		
129	10.8	9.0	13.4
127	10.7	10.6	15.8

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#14

Phenanthrene

Concen: 8.571 ng/ul

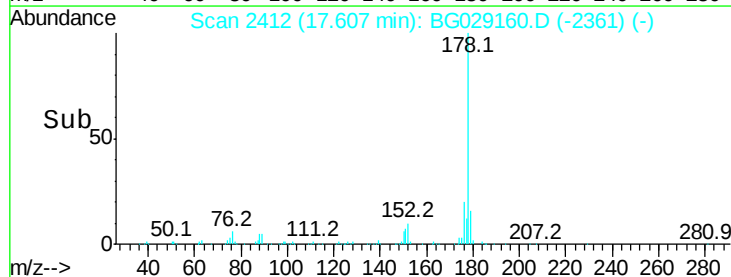
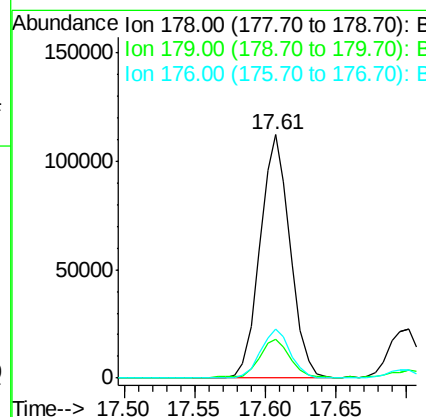
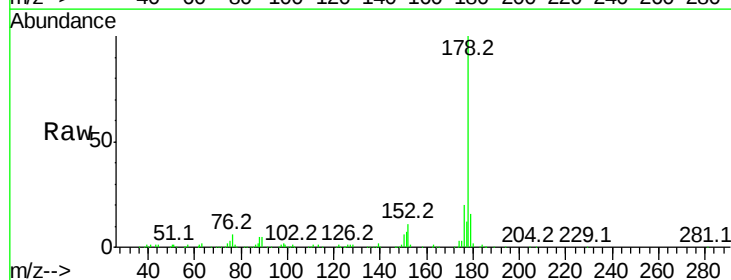
RT: 17.61 min Scan# 2412

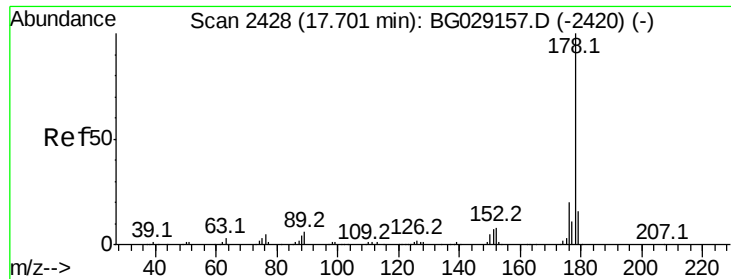
Delta R.T. -0.00 min

Lab File: BG029160.D

Acq: 11 Oct 2017 5:22

Tgt Ion:	178	Resp:	167583
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.2	18.2
176	20.4	15.0	22.6





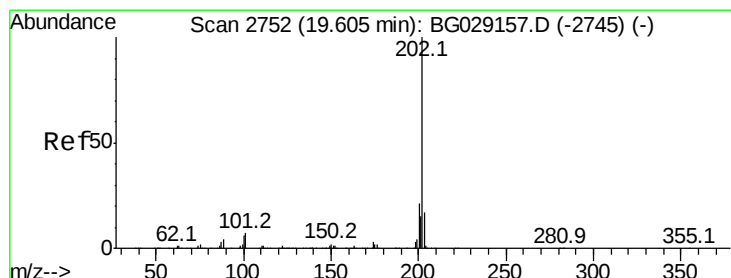
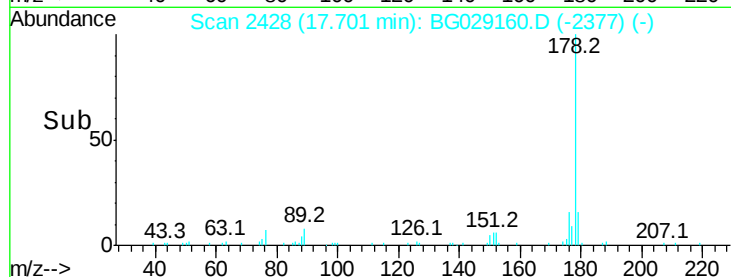
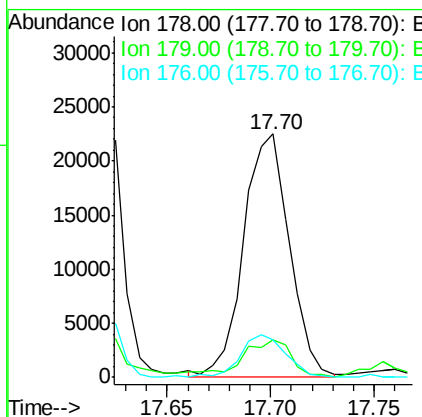
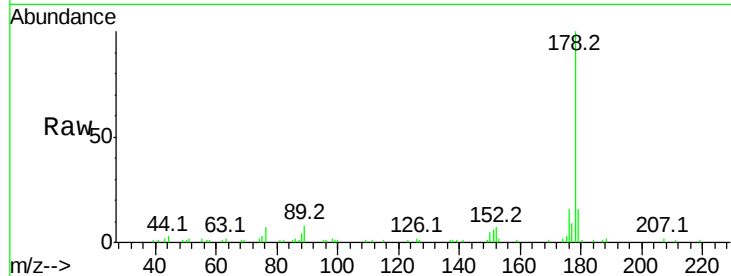
#16
 Anthracene
 Concen: 1.728 ng/ul m
 RT: 17.70 min Scan# 2428
 Delta R.T. -0.00 min
 Lab File: BG029160.D
 Acq: 11 Oct 2017 5:22

Instrument :
 BNA_G
 ClientSampleId :
 CB3G4

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.5	18.7
176	15.6	15.7	23.5#

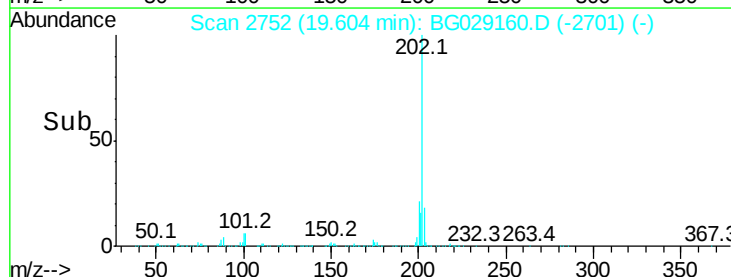
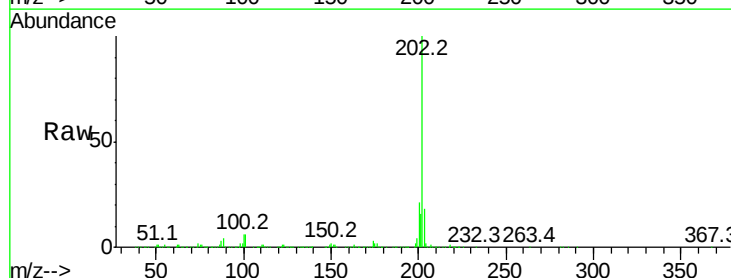
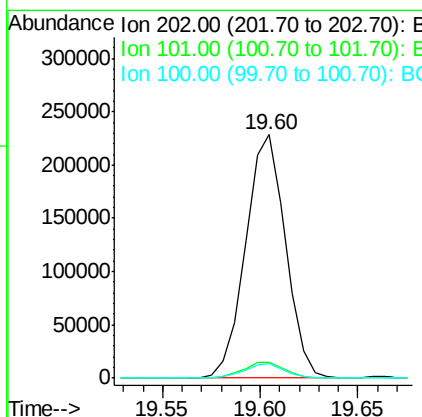
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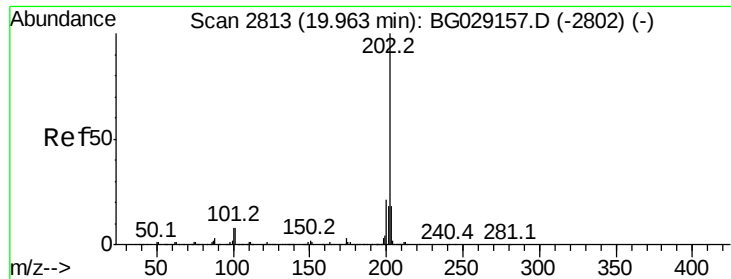
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#17
 Fluoranthene
 Concen: 13.986 ng/ul
 RT: 19.60 min Scan# 2752
 Delta R.T. -0.00 min
 Lab File: BG029160.D
 Acq: 11 Oct 2017 5:22

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.4	5.6	8.4
100	6.2	4.7	7.1





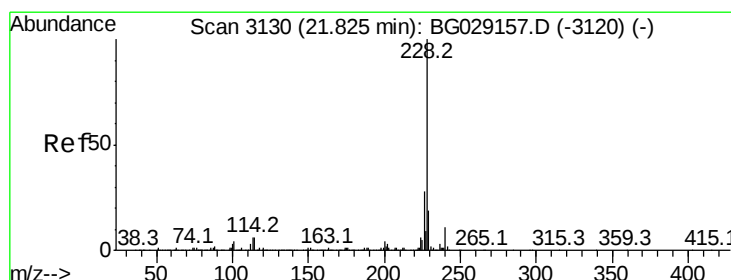
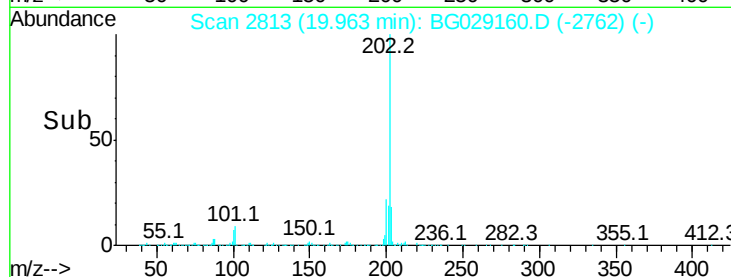
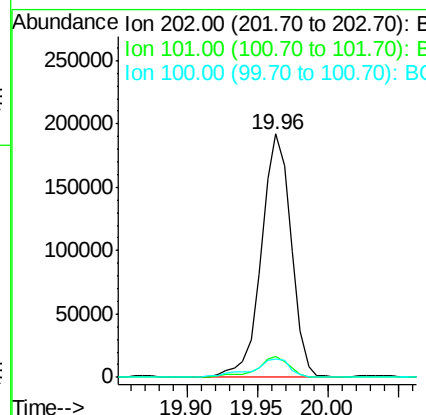
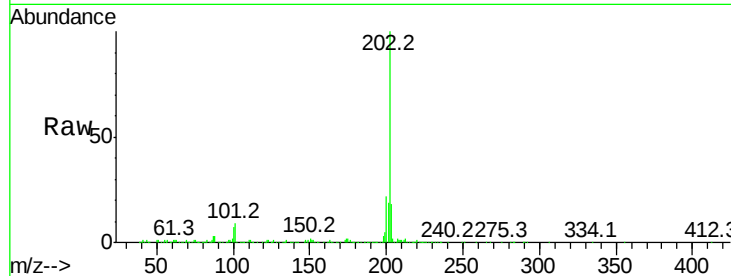
#20
Pvrene
Concen: 11.916 ng/ul
RT: 19.96 min Scan# 2813
Delta R.T. -0.00 min
Lab File: BG029160.D
Acq: 11 Oct 2017 5:22

Instrument :
BNA_G
ClientSampled :
CB3G4

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	8.8	6.5	9.7
100	7.4	5.5	8.3

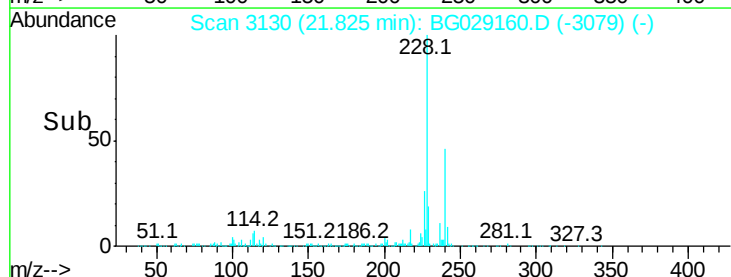
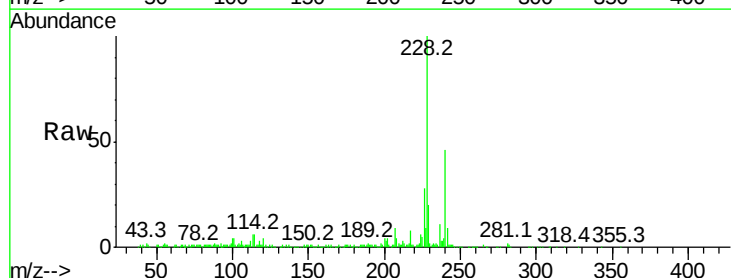
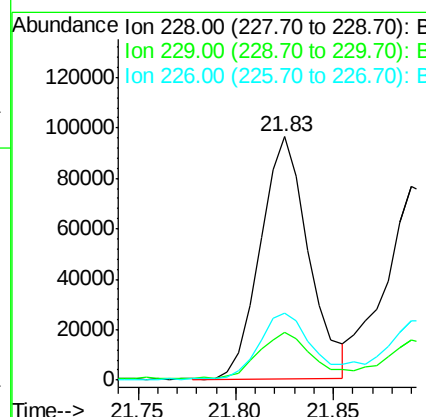
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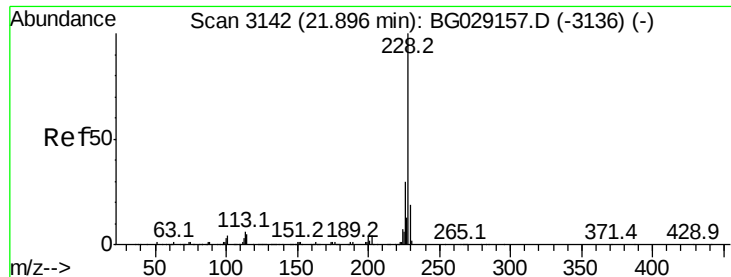
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#21
Benzo(a)anthracene
Concen: 6.934 ng/ul
RT: 21.83 min Scan# 3130
Delta R.T. -0.00 min
Lab File: BG029160.D
Acq: 11 Oct 2017 5:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	19.8	15.8	23.8
226	27.6	21.6	32.4





#22

Chrysene

Concen: 7.087 ng/ul

RT: 21.89 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG029160.D

Acq: 11 Oct 2017 5:22

Instrument :

BNA_G

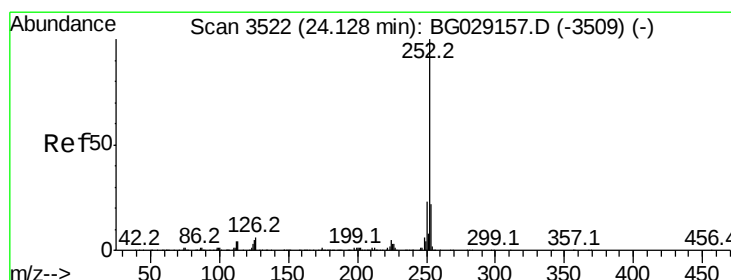
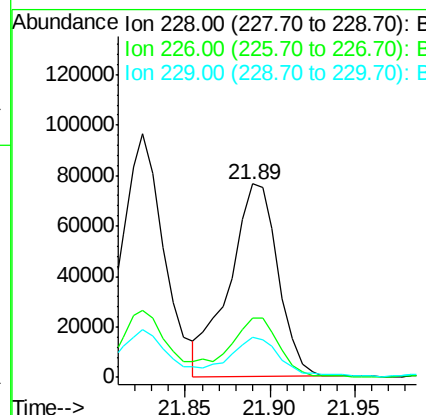
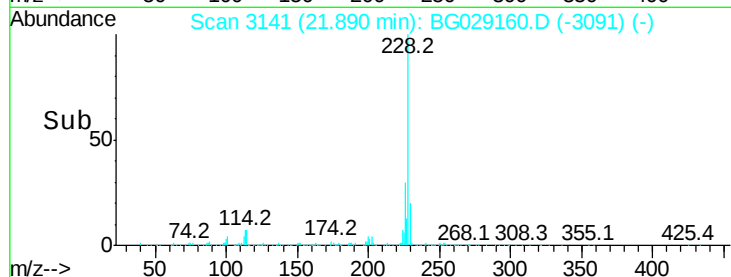
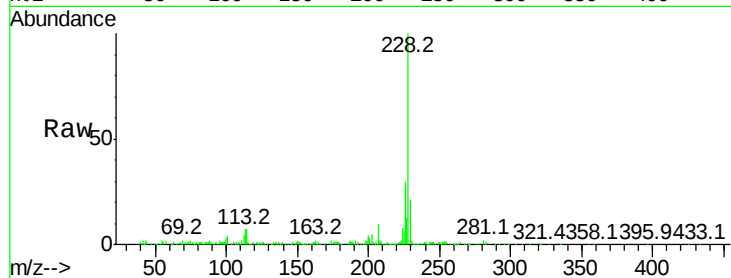
ClientSampleId :

CB3G4

Tot Ion:	228	Resp:	152083
Ion Ratio	Lower	Upper	
228	100		
226	30.5	23.4	35.0
229	20.7	15.7	23.5

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#24

Benzo(b)fluoranthene

Concen: 8.561 ng/ul

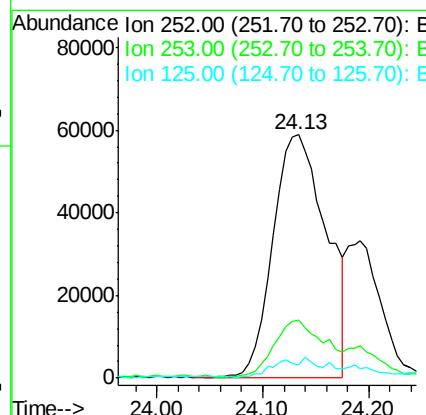
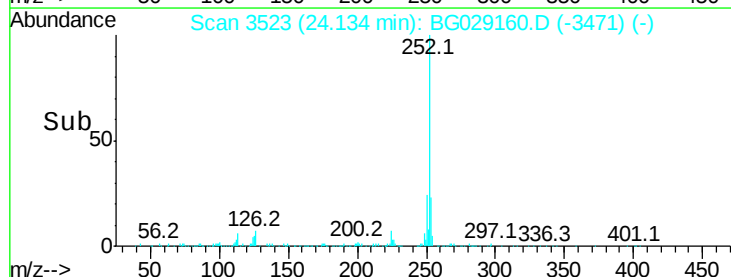
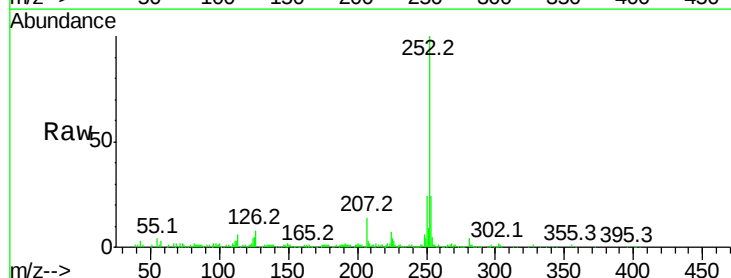
RT: 24.13 min Scan# 3523

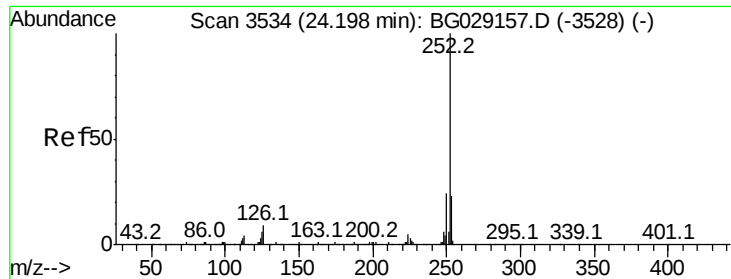
Delta R.T. 0.01 min

Lab File: BG029160.D

Acq: 11 Oct 2017 5:22

Tgt Ion:	252	Resp:	206963
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.6	26.4
125	5.4	4.5	6.7





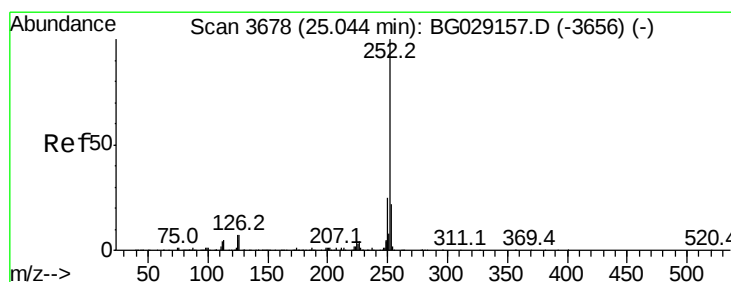
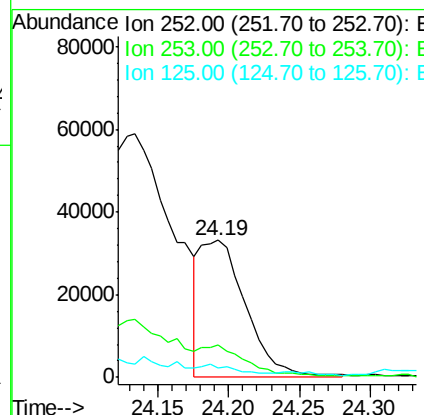
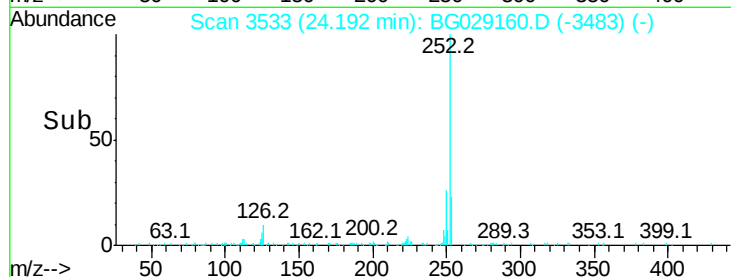
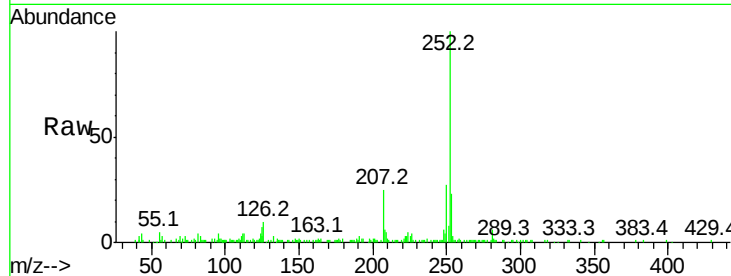
#25
Benzo(k)fluoranthene
Concen: 3.153 ng/ul m
RT: 24.19 min Scan# 3533
Delta R.T. -0.01 min
Lab File: BG029160.D
Acq: 11 Oct 2017 5:22

Instrument :
BNA_G
ClientSampleId :
CB3G4

Tot Ion:	252	Resp:	75093
Ion Ratio	Lower	Upper	
252	100		
253	23.5	16.8	25.2
125	6.6	5.1	7.7

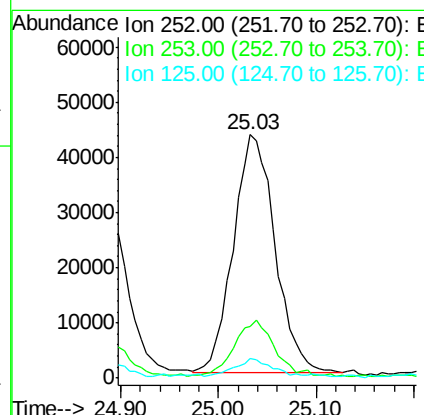
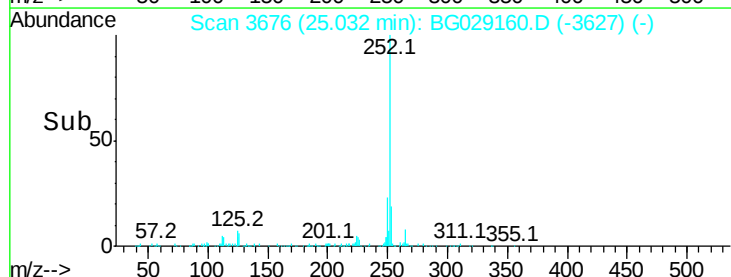
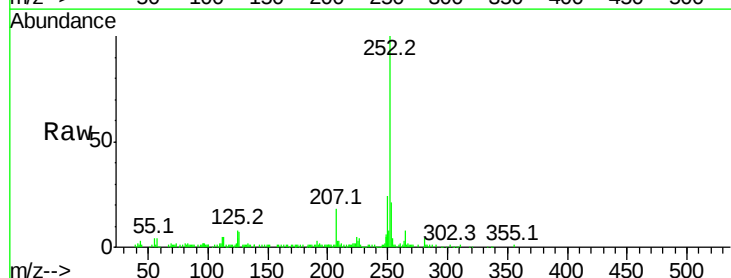
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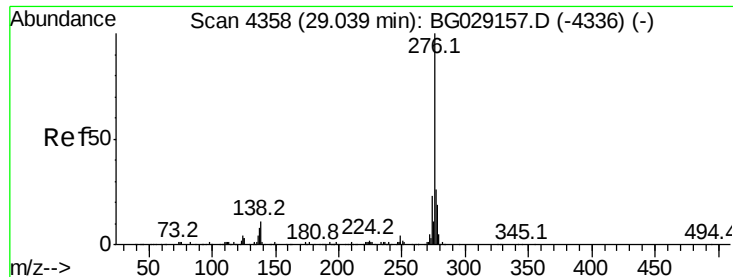
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#27
Benzo(a)pyrene
Concen: 5.429 ng/ul
RT: 25.03 min Scan# 3676
Delta R.T. -0.01 min
Lab File: BG029160.D
Acq: 11 Oct 2017 5:22

Tgt Ion:	252	Resp:	128085
Ion Ratio	Lower	Upper	
252	100		
253	21.2	17.6	26.4
125	7.8	5.4	8.2





#28

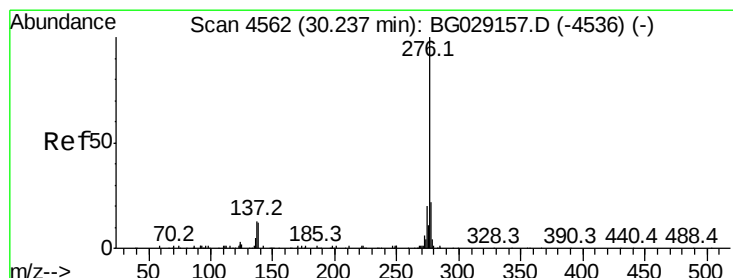
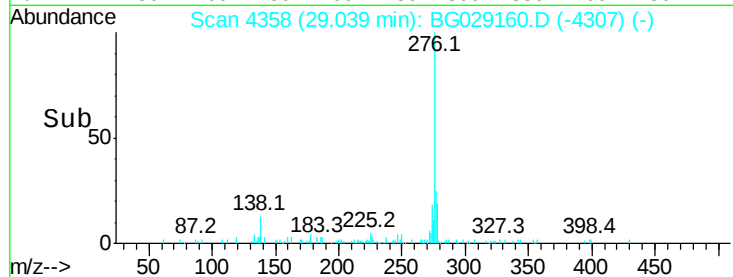
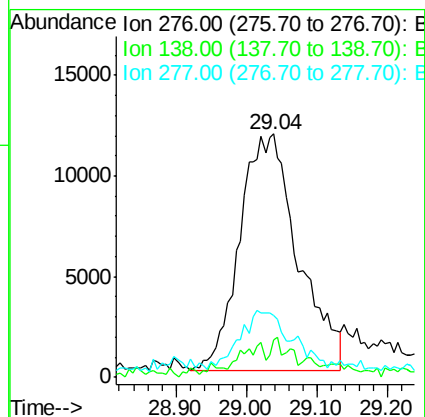
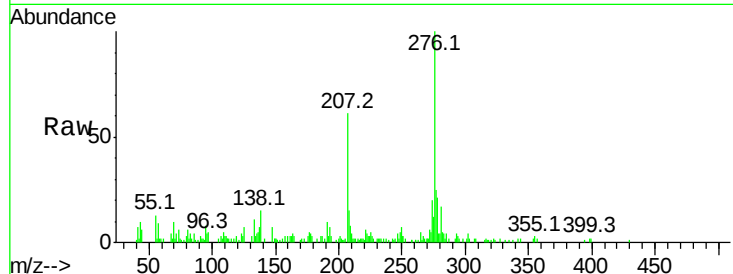
Indeno(1,2,3-cd)pyrene
Concen: 3.024 ng/ul
RT: 29.04 min Scan# 4358
Delta R.T. -0.00 min
Lab File: BG029160.D
Acq: 11 Oct 2017 5:22

Instrument :
BNA_G
ClientSampled :
CB3G4

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.4	9.5	14.3#
277	25.4	18.1	27.1

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#30

Benzo(g,h,i)perylene
Concen: 2.618 ng/ul
RT: 30.22 min Scan# 4559
Delta R.T. -0.02 min
Lab File: BG029160.D
Acq: 11 Oct 2017 5:22

Tgt Ion	Ratio	Lower	Upper
276	100		
138	10.5	9.3	13.9
277	24.1	17.9	26.9

