

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101317\
 Data File : BG029176.D
 Acq On : 11 Oct 2017 22:00
 Operator : SJ/JU
 Sample : I5668-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB3G8

Manual Integrations
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Quant Time: Oct 12 09:24:40 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	8.22	152	54128	20.00	ng/ul	0.00
2) Naphthalene-d8	11.04	136	227677	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.82	164	151508	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.56	188	355758m	20.00	ng/ul	0.00
18) Chrysene-d12	21.84	240	384895	20.00	ng/ul	0.00
23) Perylene-d12	25.19	264	385514	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.64	165	68055	15.64	ng/ul	0.00
7) Acenaphthylene-d8	14.52	160	264470	17.41	ng/ul	0.00
10) Fluorene-d10	15.81	176	198583	16.66	ng/ul	0.00
15) Anthracene-d10	17.66	188	296225	16.85	ng/ul	0.00
19) Pyrene-d10	19.94	212	352696	17.44	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.96	264	328891	17.06	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.60	178	86931m	4.511	ng/ul	
17) Fluoranthene	19.60	202	170555	7.521	ng/ul	98
20) Pyrene	19.96	202	153147	6.563	ng/ul	99
21) Benzo(a)anthracene	21.82	228	90369	3.854	ng/ul	100
22) Chrysene	21.89	228	90920	4.295	ng/ul	96
24) Benzo(b)fluoranthene	24.12	252	114327	4.813	ng/ul#	96
25) Benzo(k)fluoranthene	24.18	252	50886m	2.175	ng/ul	
27) Benzo(a)pyrene	25.03	252	75898	3.274	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	29.02	276	39986m	1.809	ng/ul	
30) Benzo(g,h,i)perylene	30.20	276	25134m	1.631	ng/ul	

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

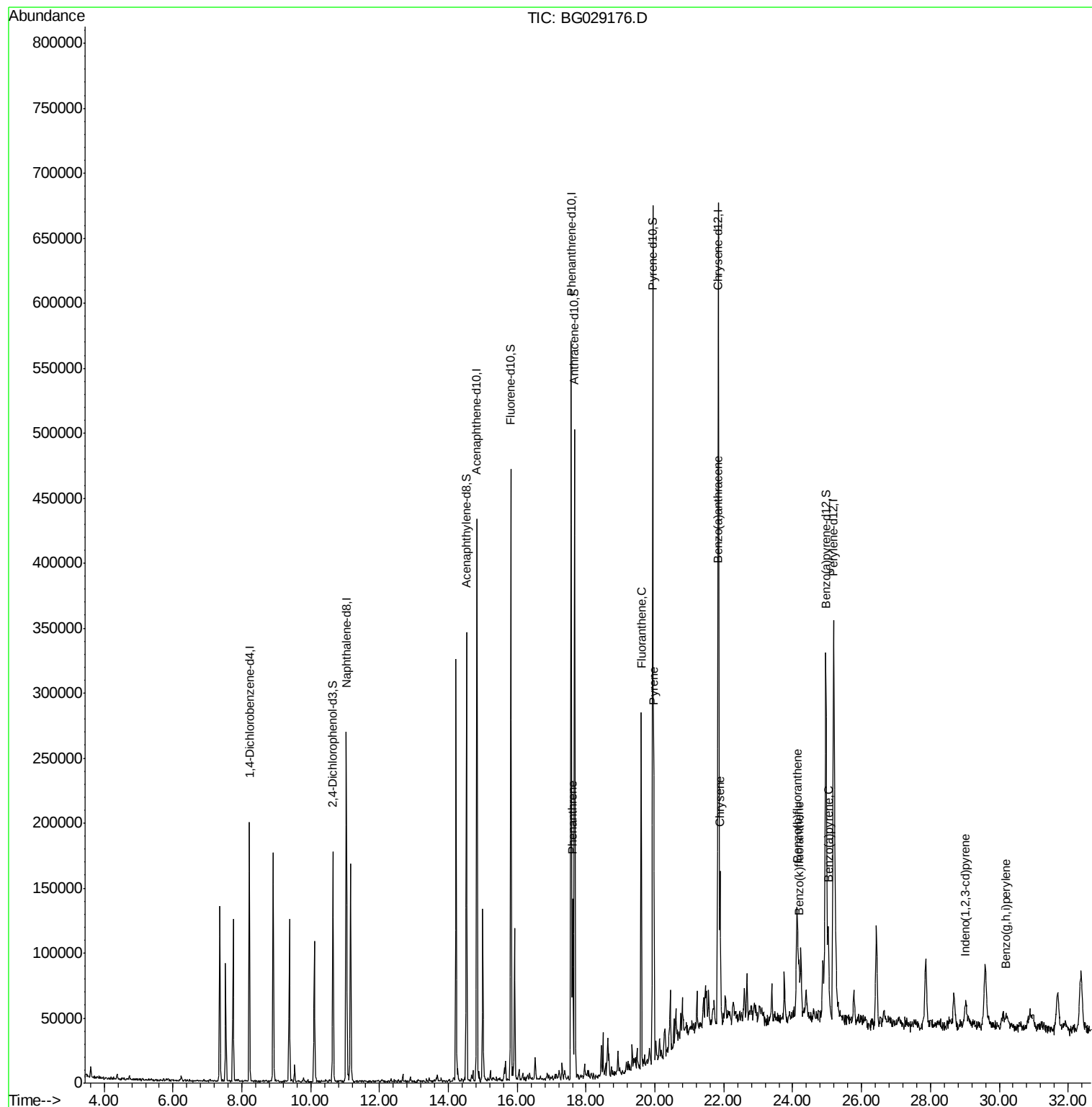
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101317\
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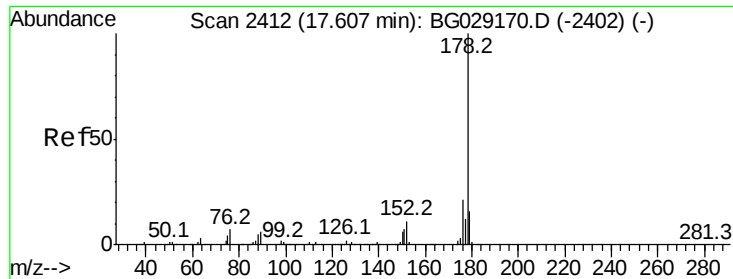
Instrument :
BNA_G
ClientSampleId :
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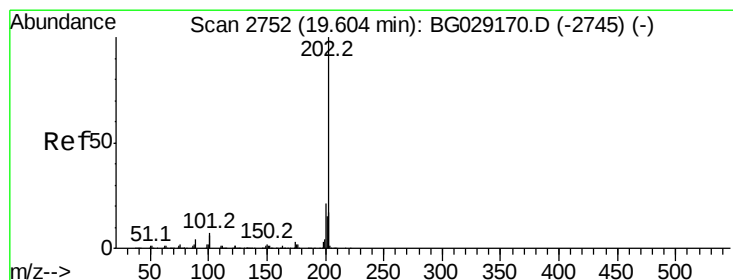
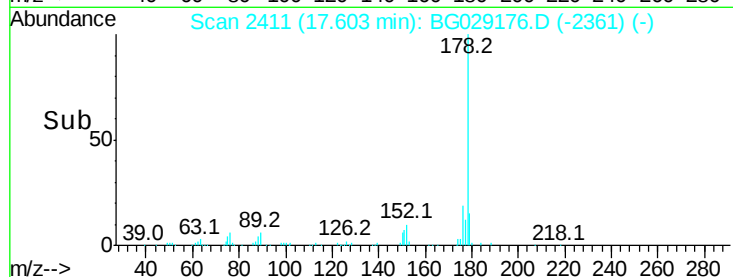
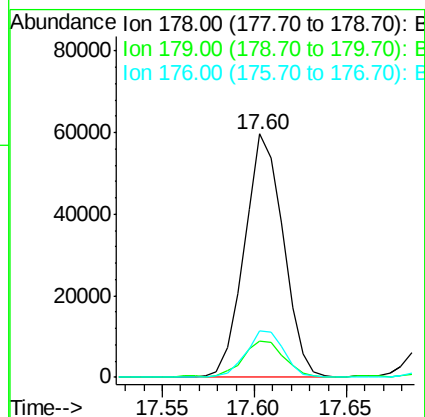
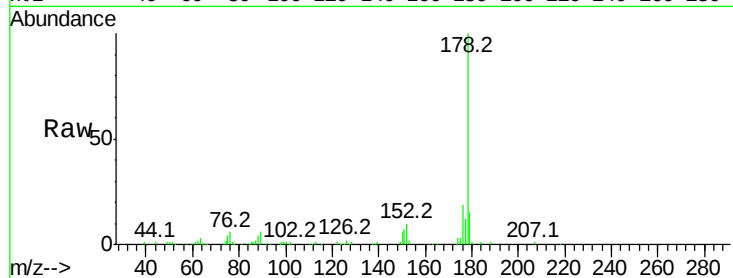
#14
Phenanthrene
Concen: 4.511 ng/ul m
RT: 17.60 min Scan# 2411
Delta R.T. -0.00 min
Lab File: BG029176.D
Acq: 11 Oct 2017 22:00

Instrument :
BNA_G
ClientSampleId :
CB3G8

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.2	18.2
176	19.3	15.0	22.6

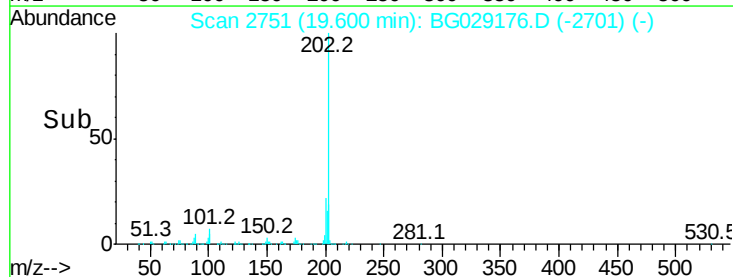
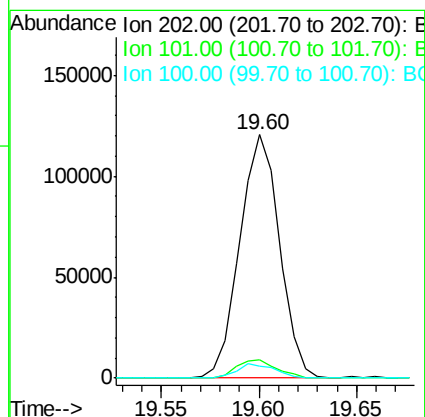
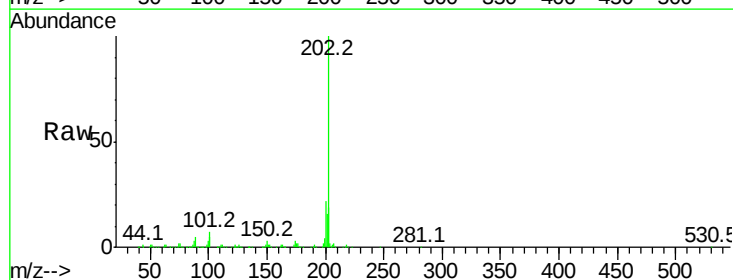
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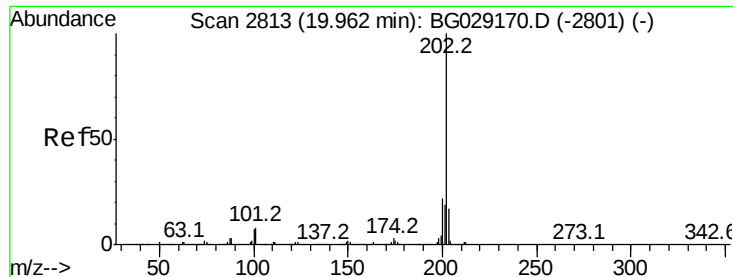
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#17
Fluoranthene
Concen: 7.521 ng/ul
RT: 19.60 min Scan# 2751
Delta R.T. -0.00 min
Lab File: BG029176.D
Acq: 11 Oct 2017 22:00

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.5	5.6	8.4
100	4.7	4.7	7.1





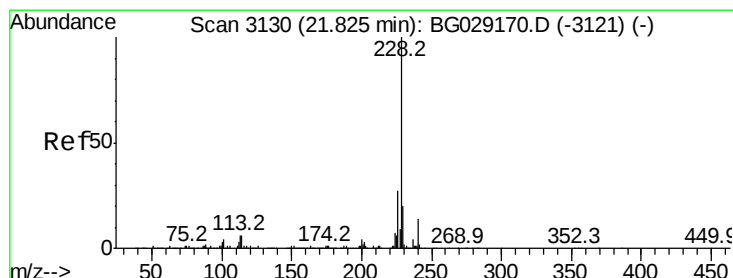
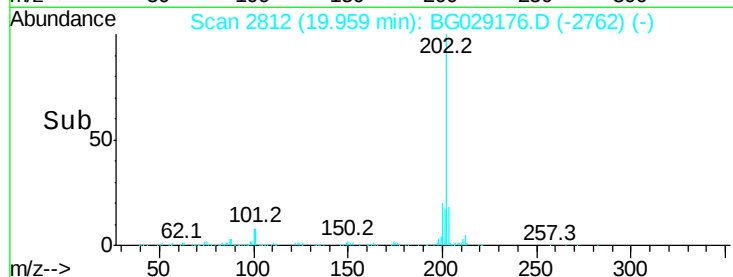
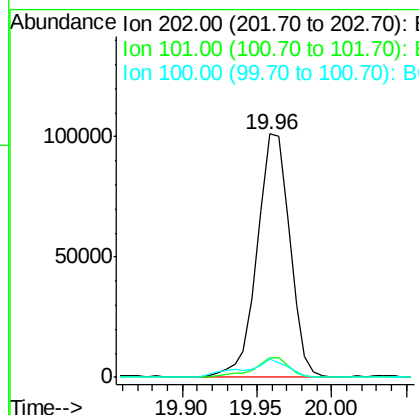
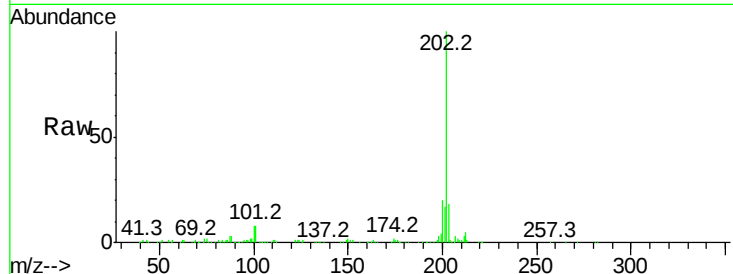
#20
Pvrene
Concen: 6.563 ng/ul
RT: 19.96 min Scan# 2812
Delta R.T. -0.00 min
Lab File: BG029176.D
Acq: 11 Oct 2017 22:00

Instrument :
BNA_G
ClientSampled :
CB3G8

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.0	6.5	9.7
100	7.7	5.5	8.3

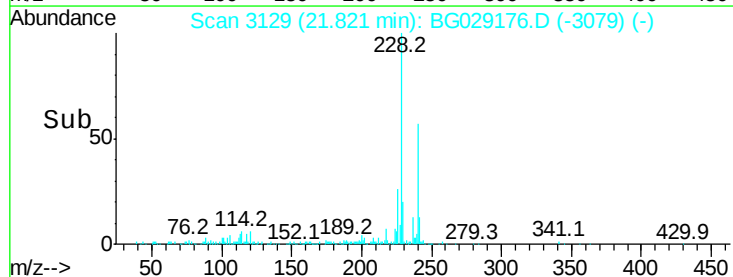
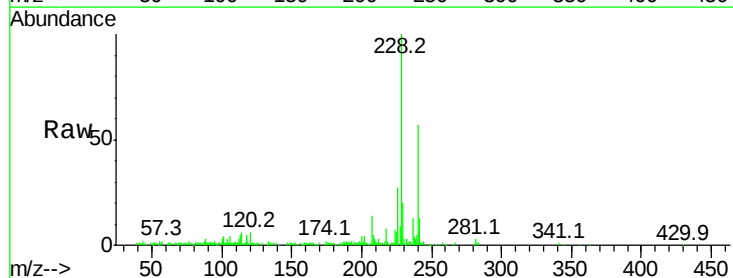
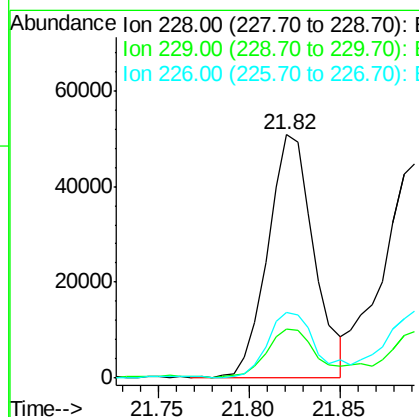
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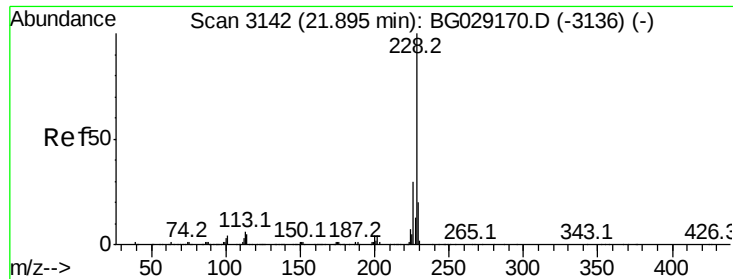
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#21
Benzo(a)anthracene
Concen: 3.854 ng/ul
RT: 21.82 min Scan# 3129
Delta R.T. -0.00 min
Lab File: BG029176.D
Acq: 11 Oct 2017 22:00

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.1	15.8	23.8
226	27.0	21.6	32.4





#22

Chrysene

Concen: 4.295 ng/ul

RT: 21.89 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG029176.D

Acq: 11 Oct 2017 22:00

Instrument :

BNA_G

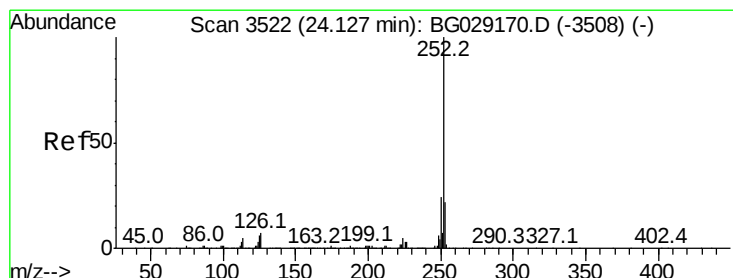
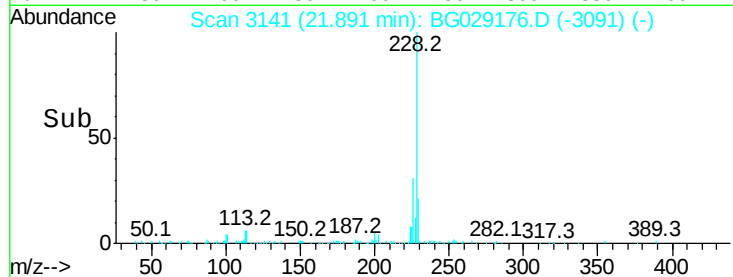
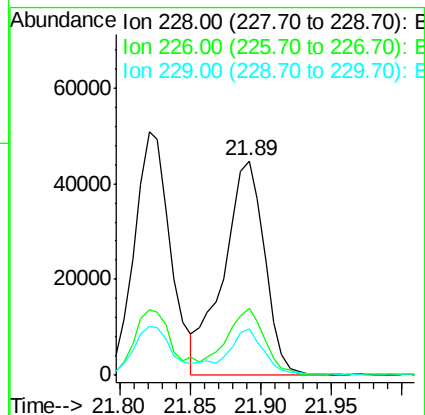
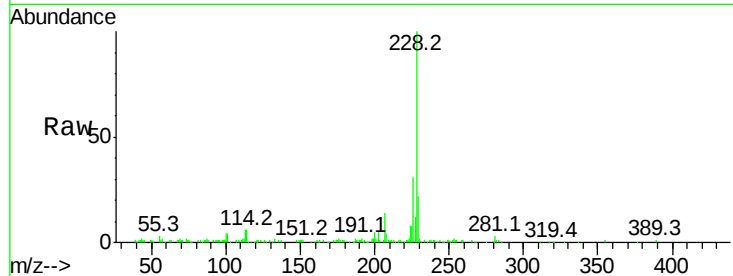
ClientSampleId :

CB3G8

Tot Ion:	228	Resp:	90920
Ion Ratio	Lower	Upper	
228	100		
226	30.9	23.4	35.0
229	21.9	15.7	23.5

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#24

Benzo(b)fluoranthene

Concen: 4.813 ng/ul

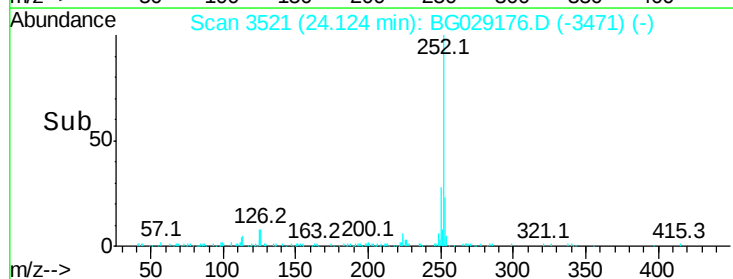
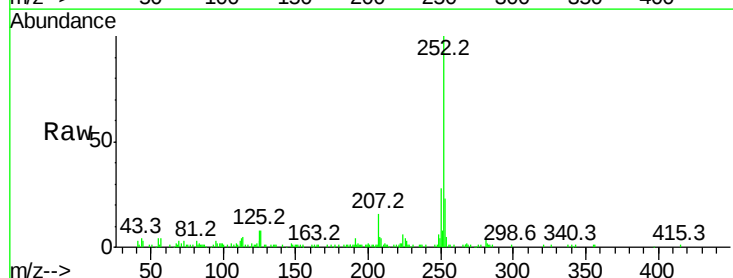
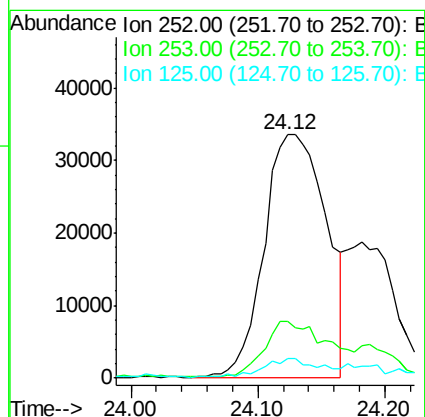
RT: 24.12 min Scan# 3521

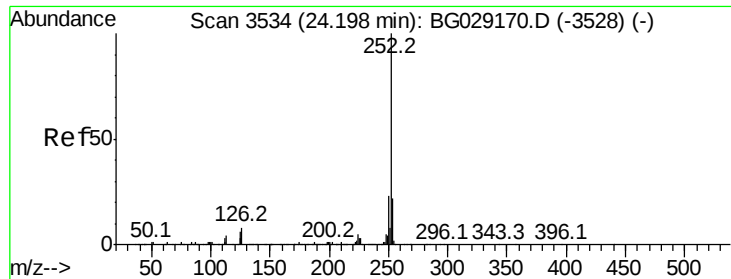
Delta R.T. -0.00 min

Lab File: BG029176.D

Acq: 11 Oct 2017 22:00

Tgt Ion:	252	Resp:	114327
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.6	26.4
125	8.1	4.5	6.7#





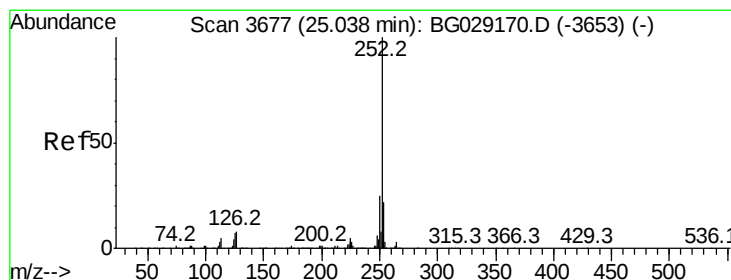
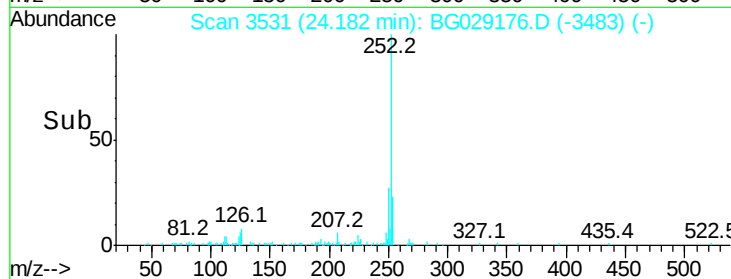
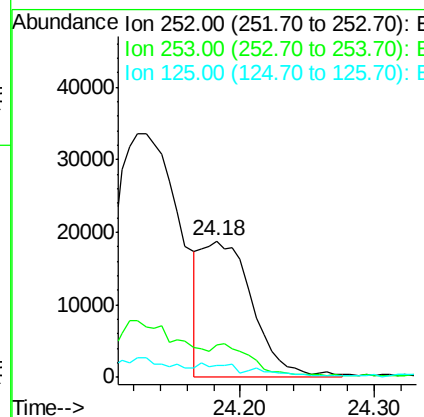
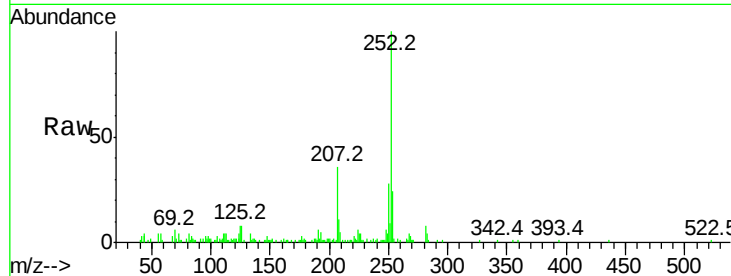
#25
Benzo(k)fluoranthene
Concen: 2.175 ng/ul m
RT: 24.18 min Scan# 3531
Delta R.T. -0.02 min
Lab File: BG029176.D
Acq: 11 Oct 2017 22:00

Instrument :
BNA_G
ClientSampled :
CB3G8

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	16.8	25.2
125	8.3	5.1	7.7#

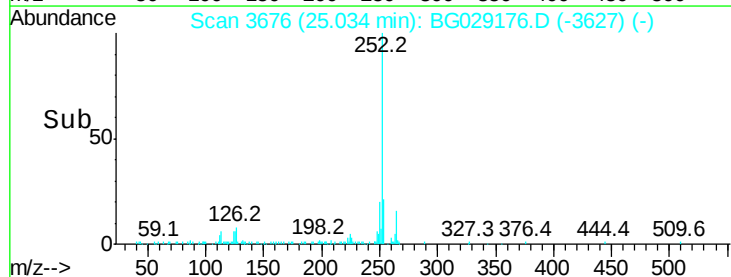
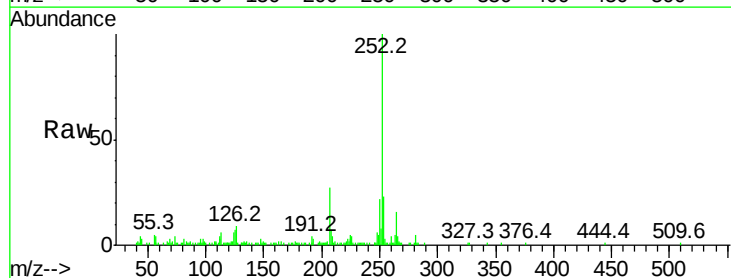
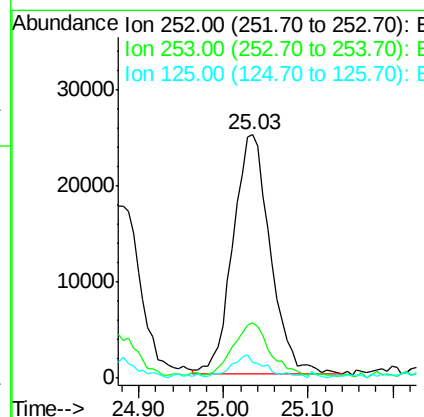
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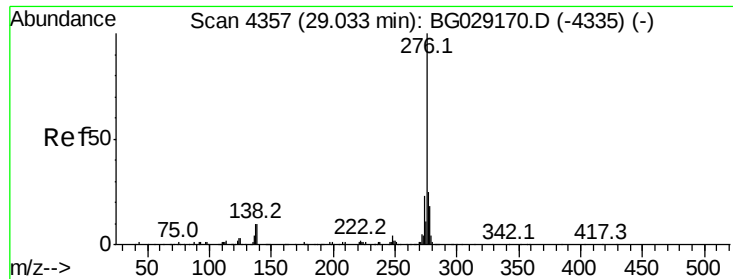
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#27
Benzo(a)pyrene
Concen: 3.274 ng/ul
RT: 25.03 min Scan# 3676
Delta R.T. -0.01 min
Lab File: BG029176.D
Acq: 11 Oct 2017 22:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.6	26.4
125	6.6	5.4	8.2





#28

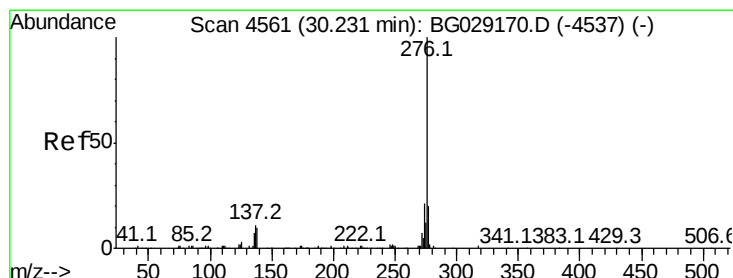
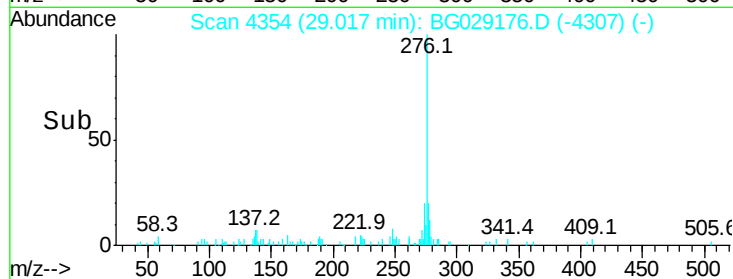
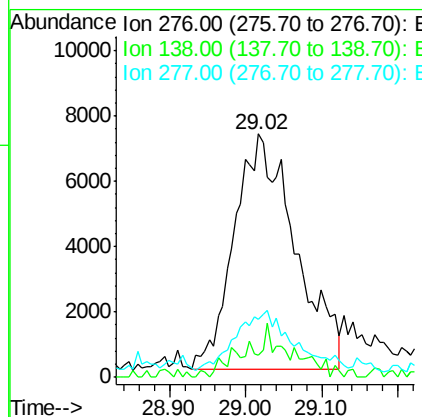
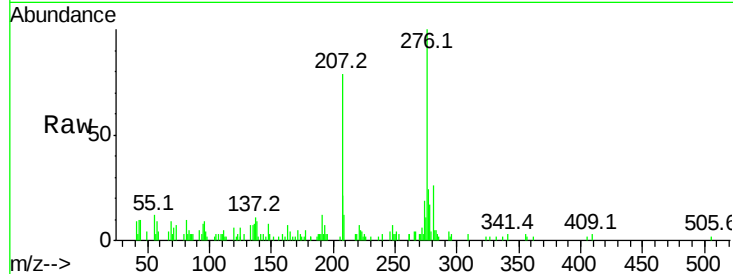
Indeno(1,2,3-cd)pyrene
Concen: 1.809 ng/ul m
RT: 29.02 min Scan# 4354
Delta R.T. -0.02 min
Lab File: BG029176.D
Acq: 11 Oct 2017 22:00

Instrument :
BNA_G
ClientSampled :
CB3G8

Tot Ion	Ratio	Lower	Upper
276	100		
138	9.1	9.5	14.3#
277	23.9	18.1	27.1

Manual Integrations
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#30

Benzo(g,h,i)perylene
Concen: 1.631 ng/ul m
RT: 30.20 min Scan# 4555
Delta R.T. -0.04 min
Lab File: BG029176.D
Acq: 11 Oct 2017 22:00

Tgt Ion	Ratio	Lower	Upper
276	100		
138	6.2	9.3	13.9#
277	24.0	17.9	26.9

