

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101317\
 Data File : BG029180.D
 Acq On : 12 Oct 2017 00:41
 Operator : SJ/JU
 Sample : I5668-16
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB3H2

Manual Integrations
 APPROVED

Sohil
 10/13/2017 12:08:17 PM

Quant Time: Oct 12 09:45:58 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	51992	20.00	ng/ul	0.00
2) Naphthalene-d8	11.03	136	222430	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.82	164	148420	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.56	188	346717	20.00	ng/ul	0.00
18) Chrysene-d12	21.84	240	364499	20.00	ng/ul	0.00
23) Perylene-d12	25.19	264	372536	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.64	165	78550	18.47	ng/ul	0.00
7) Acenaphthylene-d8	14.52	160	313353	21.06	ng/ul	0.00
10) Fluorene-d10	15.81	176	231031	19.79	ng/ul	0.00
15) Anthracene-d10	17.66	188	340857	19.89	ng/ul	0.00
19) Pyrene-d10	19.94	212	391462	20.44	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.96	264	368749	19.79	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.60	178	177993	9.477	ng/ul	97
16) Anthracene	17.70	178	35693	1.854	ng/ul	99
17) Fluoranthene	19.60	202	338215	15.304	ng/ul	98
20) Pyrene	19.96	202	285739	12.929	ng/ul	100
21) Benzo(a)anthracene	21.82	228	176196	7.934	ng/ul	95
22) Chrysene	21.89	228	165621	8.262	ng/ul	99
24) Benzo(b)fluoranthene	24.12	252	214440	9.342	ng/ul#	98
25) Benzo(k)fluoranthene	24.18	252	96759m	4.279	ng/ul	
27) Benzo(a)pyrene	25.03	252	154437	6.893	ng/ul	95
28) Indeno(1,2,3-cd)pyrene	29.01	276	83170	3.895	ng/ul	96
29) Dibenzo(a,h)anthracene	29.08	278	22612	1.193	ng/ul#	92
30) Benzo(a,h,i)perylene	30.23	276	58032m	3.898	ng/ul	

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

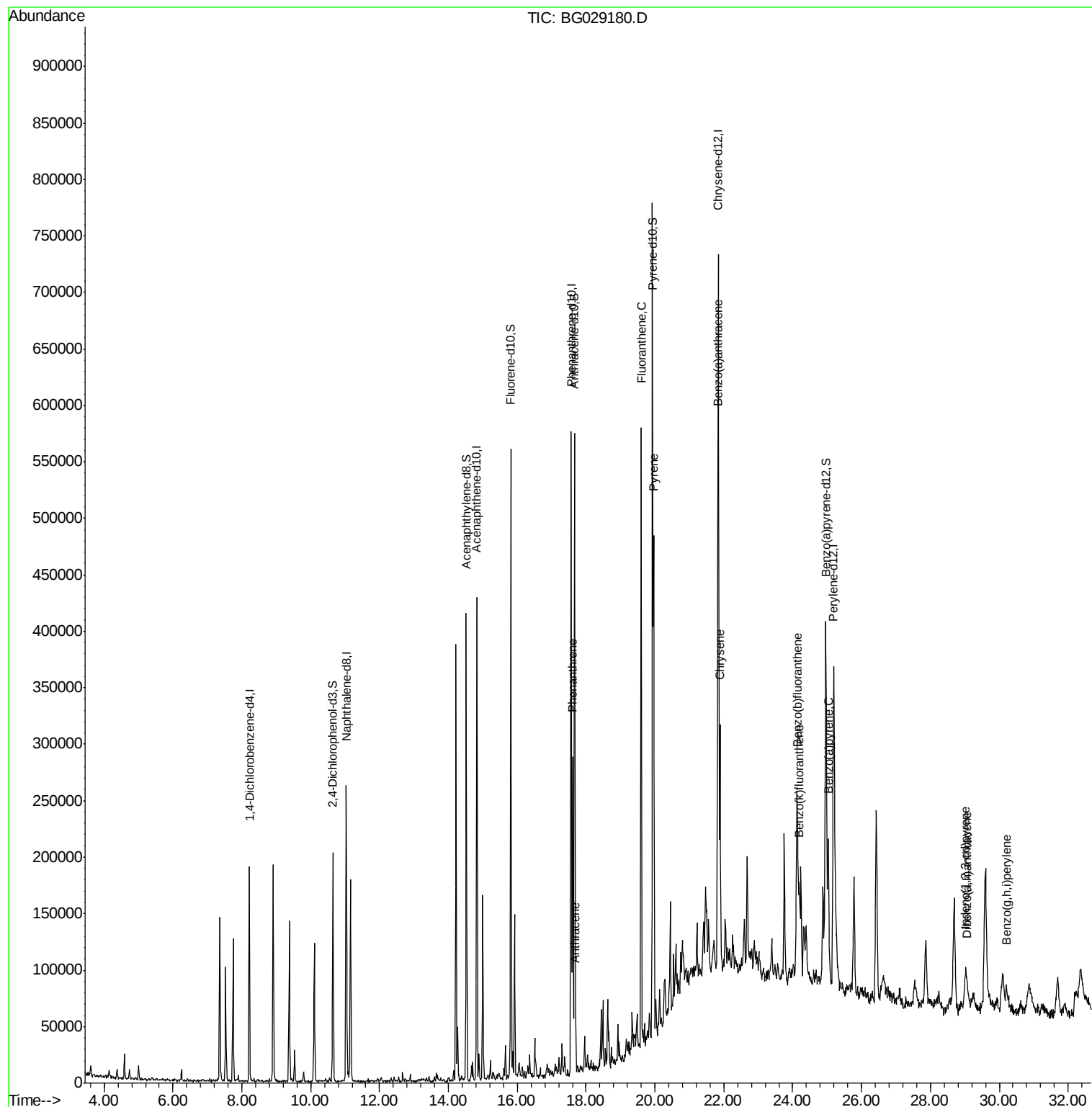
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101317\
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ALS Vial : 12 Sample Multiplier: 1

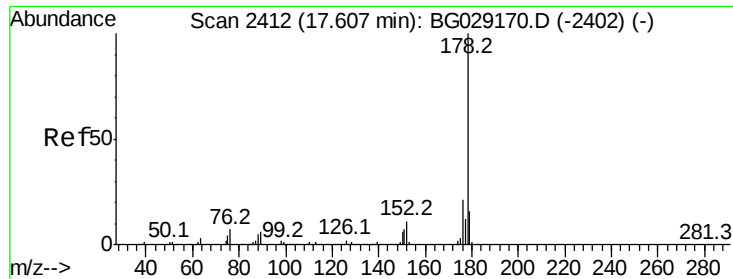
Instrument :
BNA_G
ClientSampled :
CB3H2

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Quant Time: Oct 12 09:45:58 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101117.M
Quant Title : SVOA CALIBRATION
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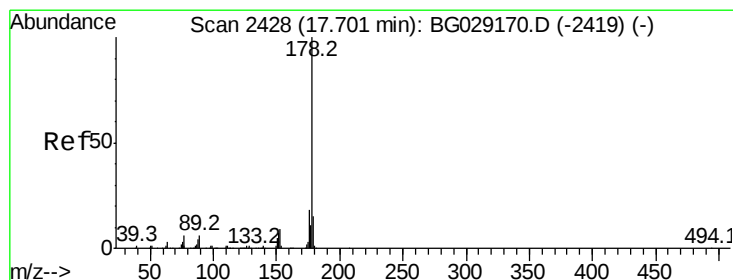
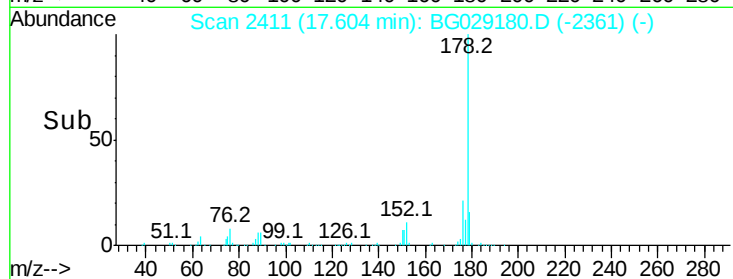
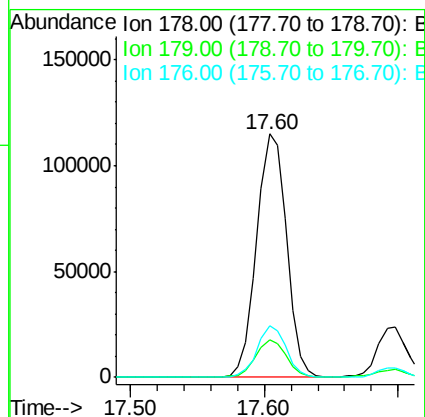
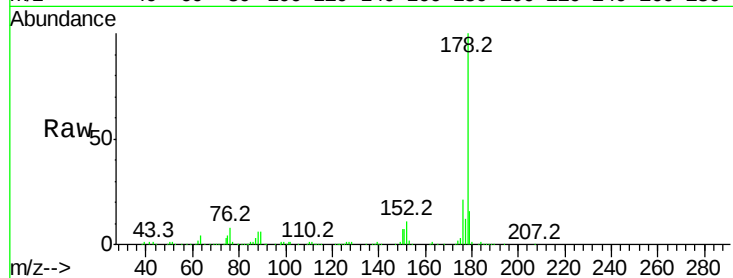
#14
Phenanthrene
Concen: 9.477 ng/ul
RT: 17.60 min Scan# 2411
Delta R.T. -0.00 min
Lab File: BG029180.D
Acq: 12 Oct 2017 00:41

Instrument :
BNA_G
ClientSampleId :
CB3H2

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.2	18.2
176	21.2	15.0	22.6

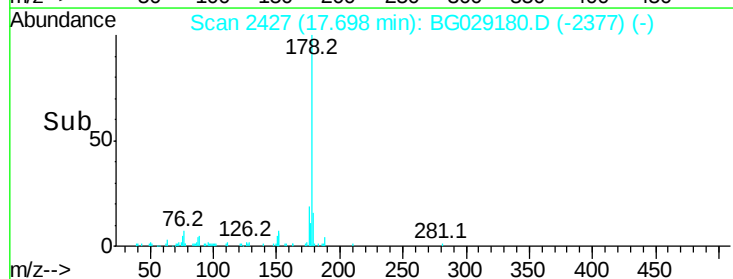
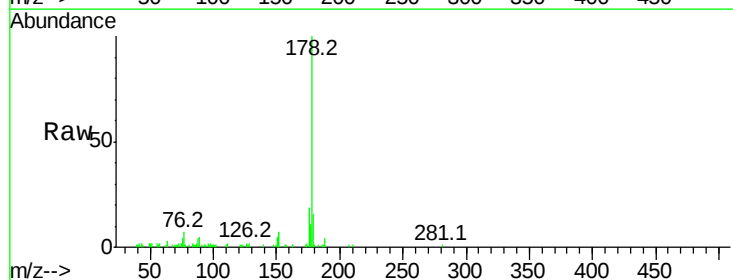
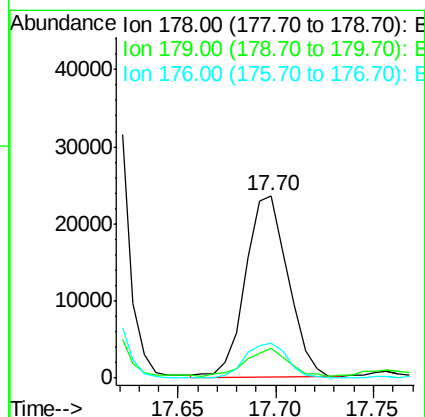
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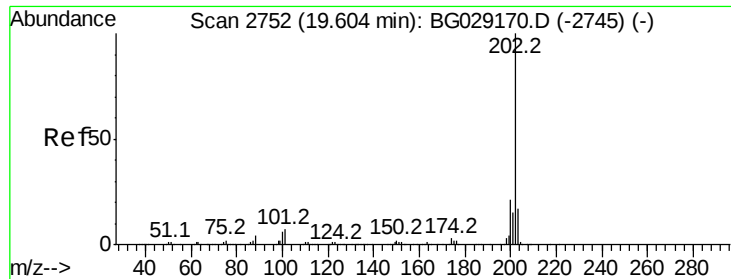
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#16
Anthracene
Concen: 1.854 ng/ul
RT: 17.70 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BG029180.D
Acq: 12 Oct 2017 00:41

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.5	18.7
176	19.2	15.7	23.5





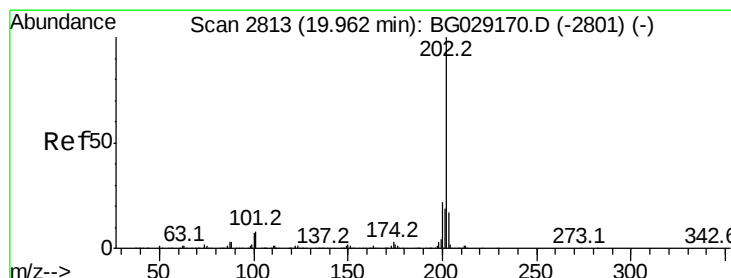
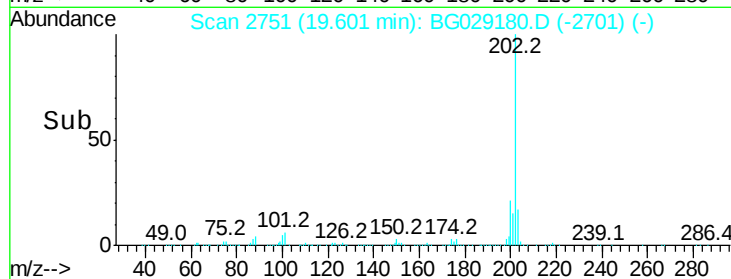
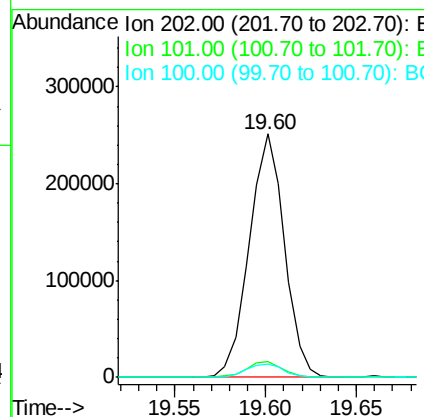
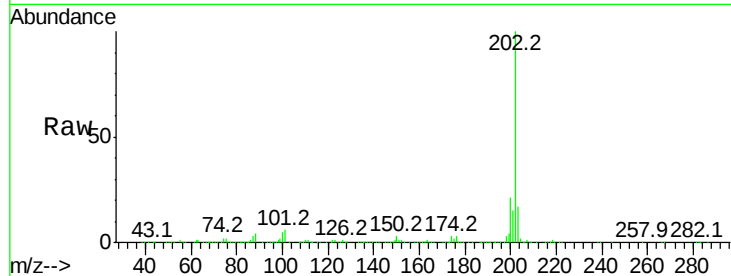
#17
Fluoranthene
 Concen: 15.304 ng/ul
 RT: 19.60 min Scan# 2751
 Delta R.T. -0.00 min
 Lab File: BG029180.D
 Acq: 12 Oct 2017 00:41

Instrument :
 BNA_G
 ClientSampleId :
 CB3H2

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	6.3	5.6	8.4
100	5.2	4.7	7.1

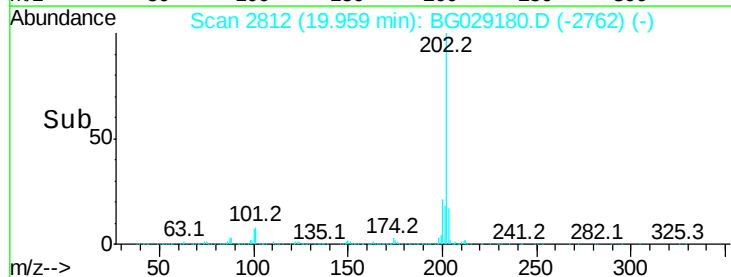
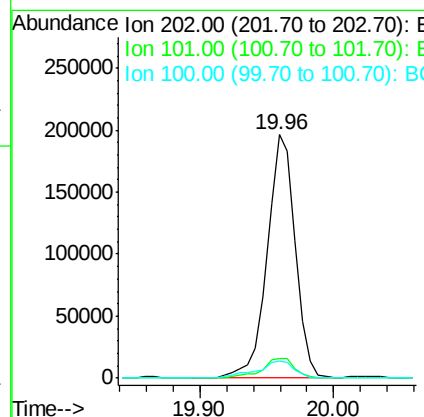
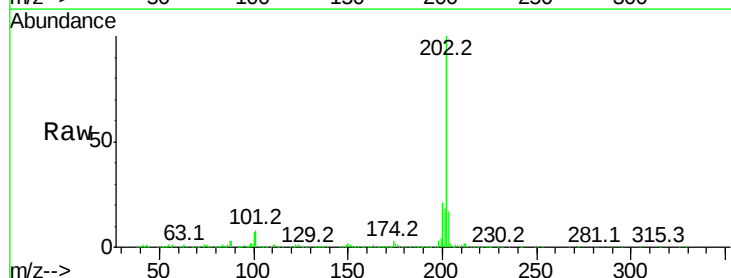
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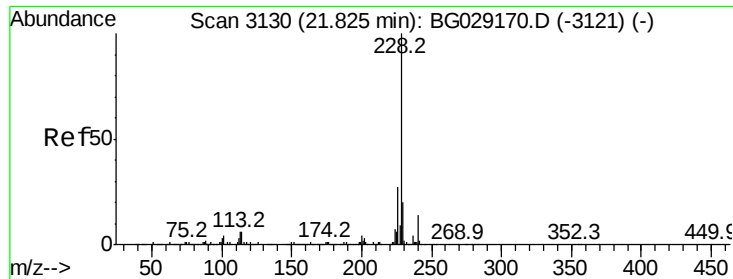
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#20
Pyrene
 Concen: 12.929 ng/ul
 RT: 19.96 min Scan# 2812
 Delta R.T. -0.00 min
 Lab File: BG029180.D
 Acq: 12 Oct 2017 00:41

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	8.0	6.5	9.7
100	6.9	5.5	8.3





#21

Benzo(a)anthracene

Concen: 7.934 ng/ul

RT: 21.82 min Scan# 3129

Delta R.T. -0.00 min

Lab File: BG029180.D

Acq: 12 Oct 2017 00:41

Instrument :

BNA_G

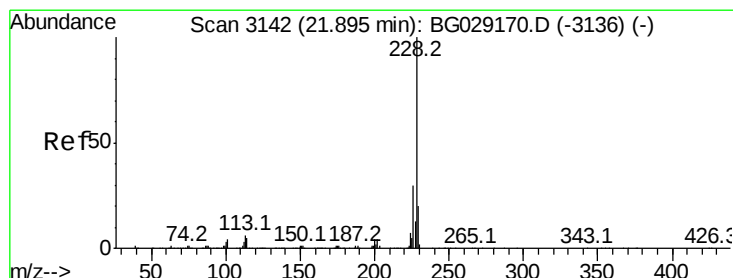
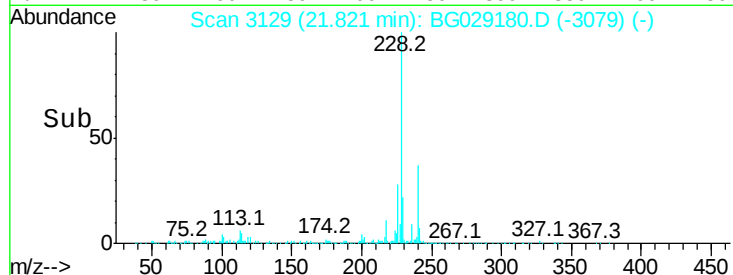
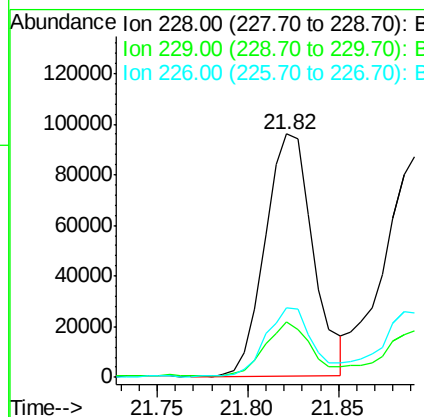
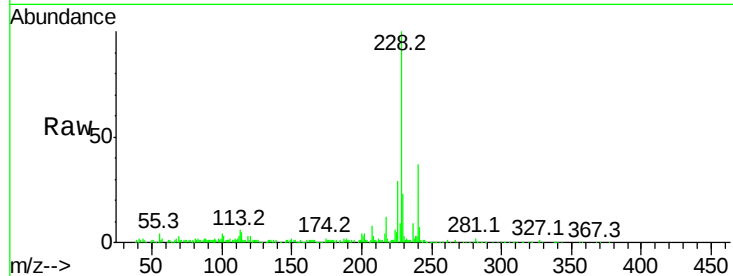
ClientSampleId :

CB3H2

Tot Ion:	228	Resp:	176196
Ion Ratio	Lower	Upper	
228	100		
229	22.8	15.8	23.8
226	28.7	21.6	32.4

Manual Integrations
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#22

Chrysene

Concen: 8.262 ng/ul

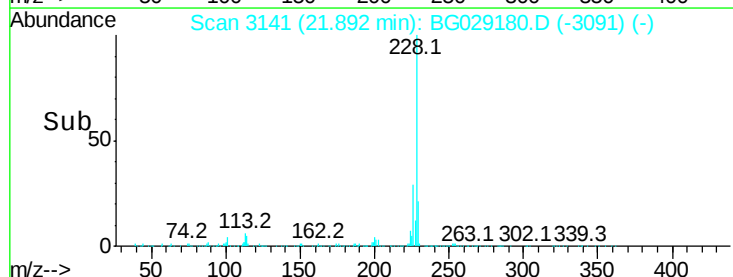
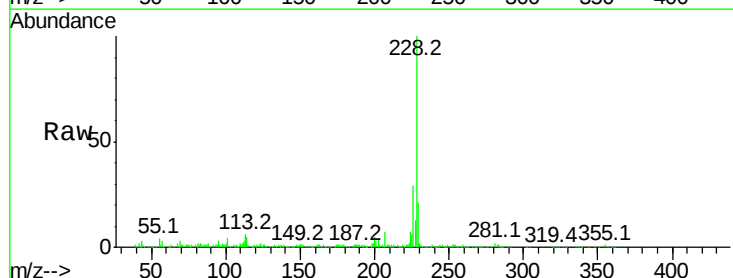
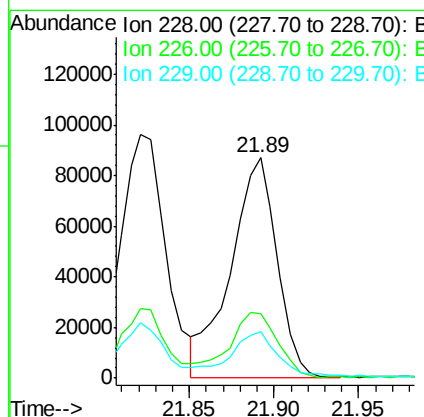
RT: 21.89 min Scan# 3141

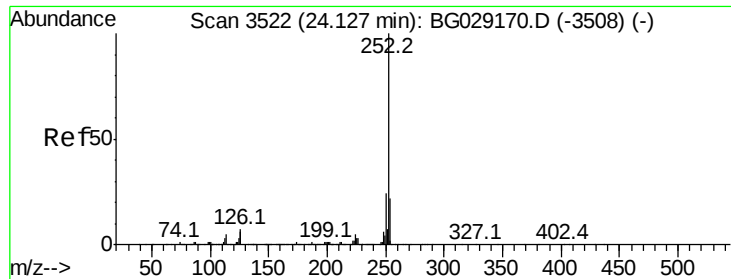
Delta R.T. -0.00 min

Lab File: BG029180.D

Acq: 12 Oct 2017 00:41

Tgt Ion:	228	Resp:	165621
Ion Ratio	Lower	Upper	
228	100		
226	29.3	23.4	35.0
229	20.9	15.7	23.5





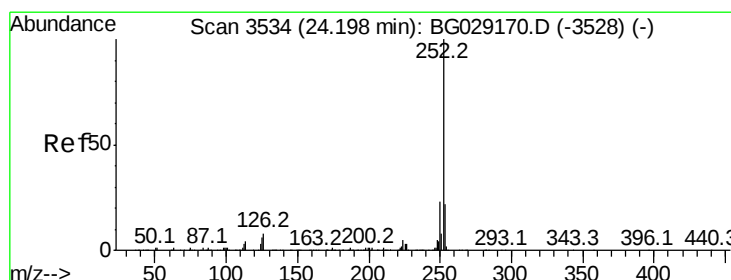
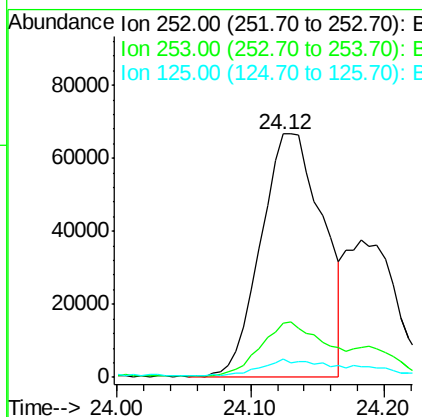
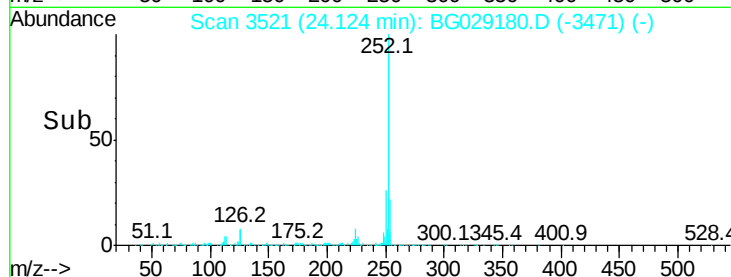
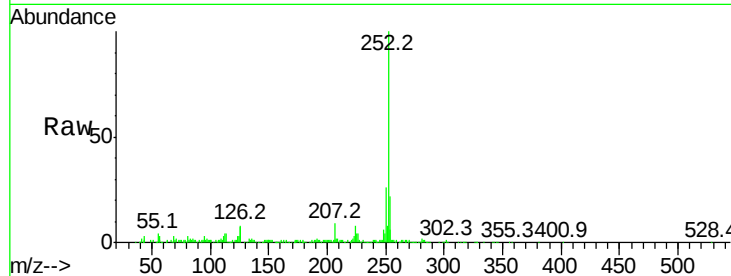
#24
Benzo(b)fluoranthene
Concen: 9.342 ng/ul
RT: 24.12 min Scan# 3521
Delta R.T. -0.00 min
Lab File: BG029180.D
Acq: 12 Oct 2017 00:41

Instrument :
BNA_G
ClientSampled :
CB3H2

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	7.3	4.5	6.7

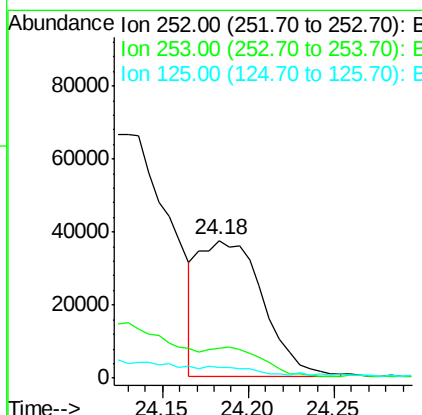
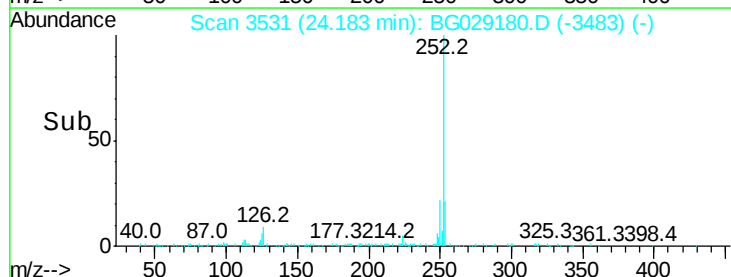
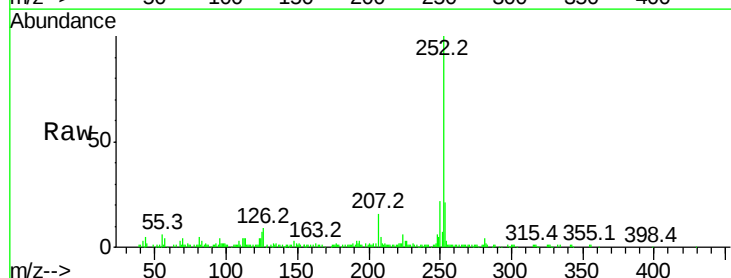
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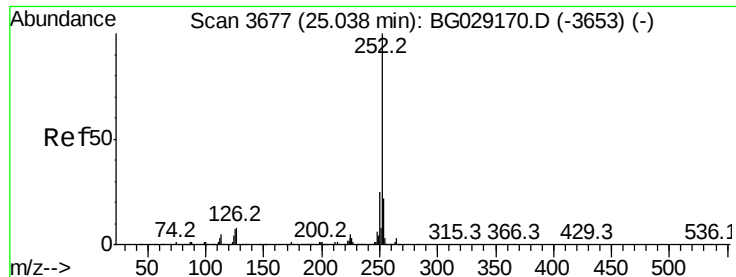
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#25
Benzo(k)fluoranthene
Concen: 4.279 ng/ul m
RT: 24.18 min Scan# 3531
Delta R.T. -0.02 min
Lab File: BG029180.D
Acq: 12 Oct 2017 00:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	16.8	25.2
125	7.5	5.1	7.7





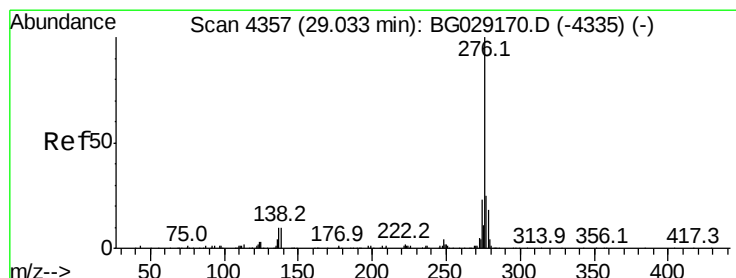
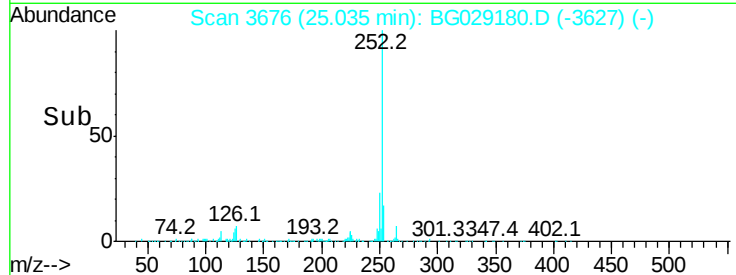
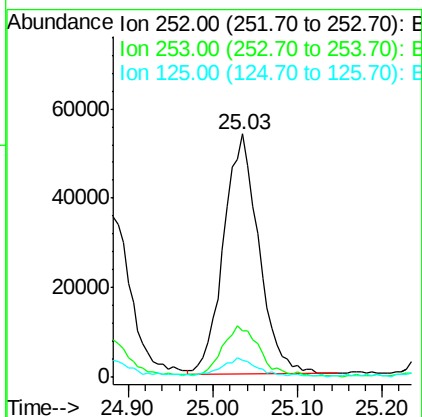
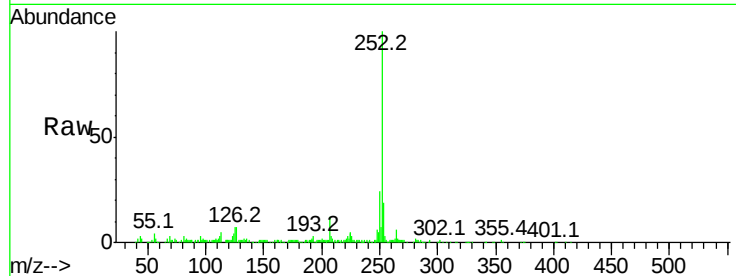
#27
Benzo(a)pyrene
Concen: 6.893 ng/ul
RT: 25.03 min Scan# 3676
Delta R.T. -0.01 min
Lab File: BG029180.D
Acq: 12 Oct 2017 00:41

Instrument :
BNA_G
ClientSampleId :
CB3H2

Tot Ion:	252	Resp:	154437
Ion Ratio	Lower	Upper	
252	100		
253	18.8	17.6	26.4
125	6.8	5.4	8.2

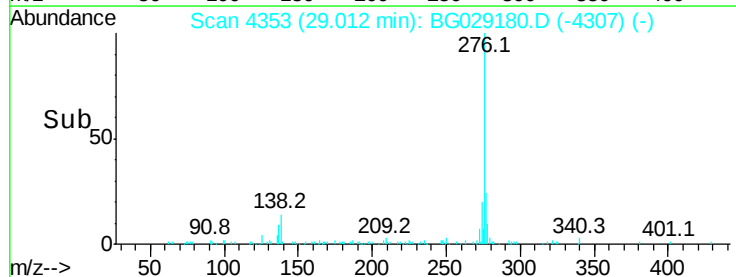
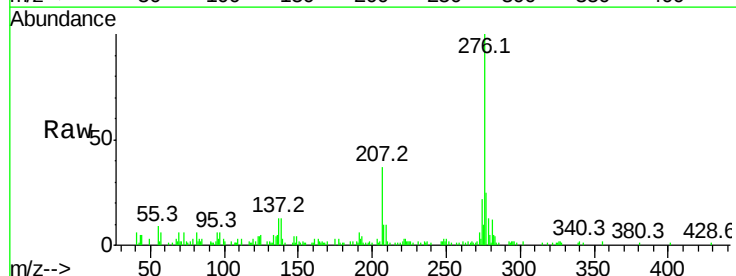
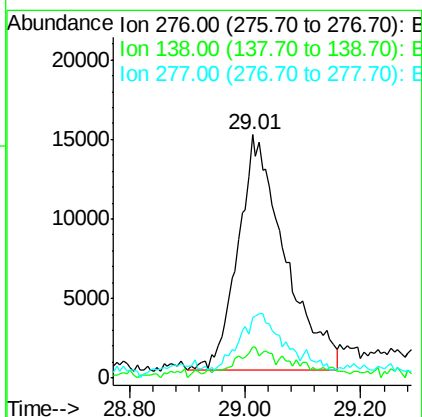
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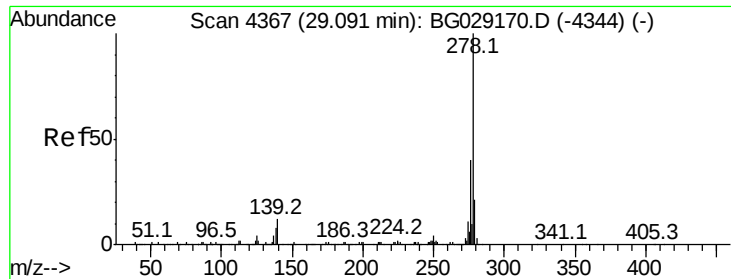
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#28
Indeno(1,2,3-cd)pyrene
Concen: 3.895 ng/ul
RT: 29.01 min Scan# 4353
Delta R.T. -0.03 min
Lab File: BG029180.D
Acq: 12 Oct 2017 00:41

Tgt Ion:	276	Resp:	83170
Ion Ratio	Lower	Upper	
276	100		
138	12.7	9.5	14.3
277	25.1	18.1	27.1





#29

Dibenzo(a,h)anthracene

Concen: 1.193 ng/ul

RT: 29.08 min Scan# 4364

Delta R.T. -0.02 min

Lab File: BG029180.D

Acq: 12 Oct 2017 00:41

Instrument :

BNA_G

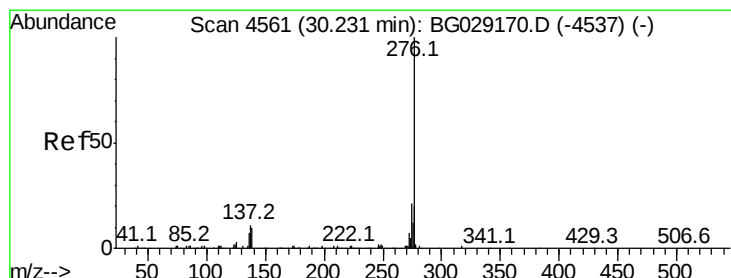
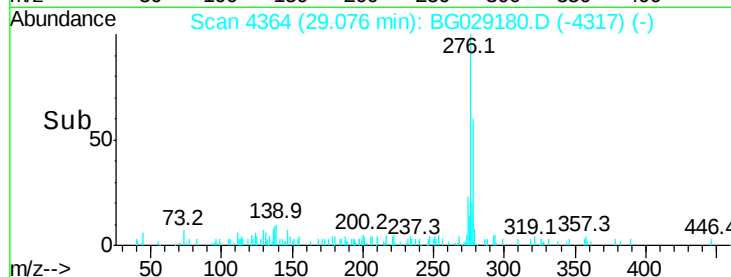
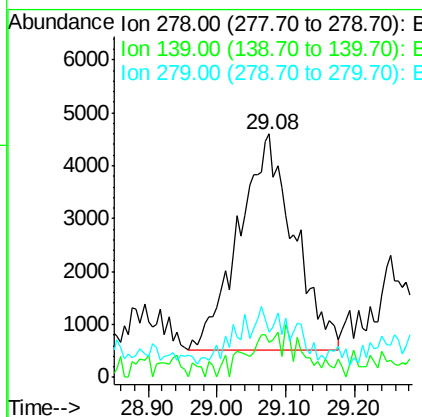
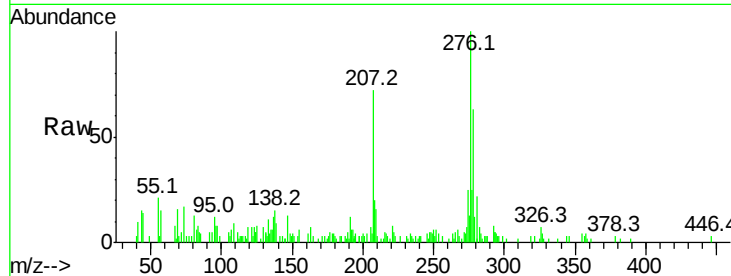
ClientSampleId :

CB3H2

Tot Ion:	278	Resp:	22612
Ion Ratio	Lower	Upper	
278	100		
139	14.3	8.3	12.5#
279	18.4	17.1	25.7

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#30

Benzo(g,h,i)perylene

Concen: 3.898 ng/ul m

RT: 30.23 min Scan# 4560

Delta R.T. -0.01 min

Lab File: BG029180.D

Acq: 12 Oct 2017 00:41

Tgt Ion:	276	Resp:	58032
Ion Ratio	Lower	Upper	
276	100		
138	16.4	9.3	13.9#
277	26.2	17.9	26.9

