

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
 Data File : BG029118.D
 Acq On : 9 Oct 2017 21:57
 Operator : SJ/JU
 Sample : I5576-18
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAH99

Manual Integrations
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Quant Time: Oct 10 06:41:45 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 10 06:24:09 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	58069	20.00	ng/ul	0.00
2) Naphthalene-d8	11.03	136	246810	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.83	164	167576	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.56	188	386085	20.00	ng/ul	0.00
17) Chrysene-d12	21.84	240	412070	20.00	ng/ul	0.00
22) Perylene-d12	25.18	264	427876	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.52	160	452589	25.97	ng/ul	0.00
10) Fluorene-d10	15.81	176	349823	27.67	ng/ul	0.00
14) Anthracene-d10	17.66	188	512475	27.40	ng/ul	0.00
18) Pyrene-d10	19.93	212	619958	29.41	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.96	264	587851	28.68	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.60	178	151531	7.358	ng/ul	99
16) Fluoranthene	19.60	202	346531	14.355	ng/ul#	90
19) Pyrene	19.96	202	300715	11.707	ng/ul#	90
20) Benzo(a)anthracene	21.82	228	210896	8.690	ng/ul	98
21) Chrysene	21.89	228	253301	11.399	ng/ul	98
23) Benzo(b)fluoranthene	24.12	252	484141	18.914	ng/ul#	98
24) Benzo(k)fluoranthene	24.19	252	144545m	5.786	ng/ul	
26) Benzo(a)pyrene	25.03	252	327795m	13.184	ng/ul	
27) Indeno(1,2,3-cd)pyrene	29.01	276	316360	11.212	ng/ul#	95
28) Dibenzo(a,h)anthracene	29.05	278	82451	3.529	ng/ul#	92
29) Benzo(g,h,i)perylene	30.20	276	285446	12.267	ng/ul#	95

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

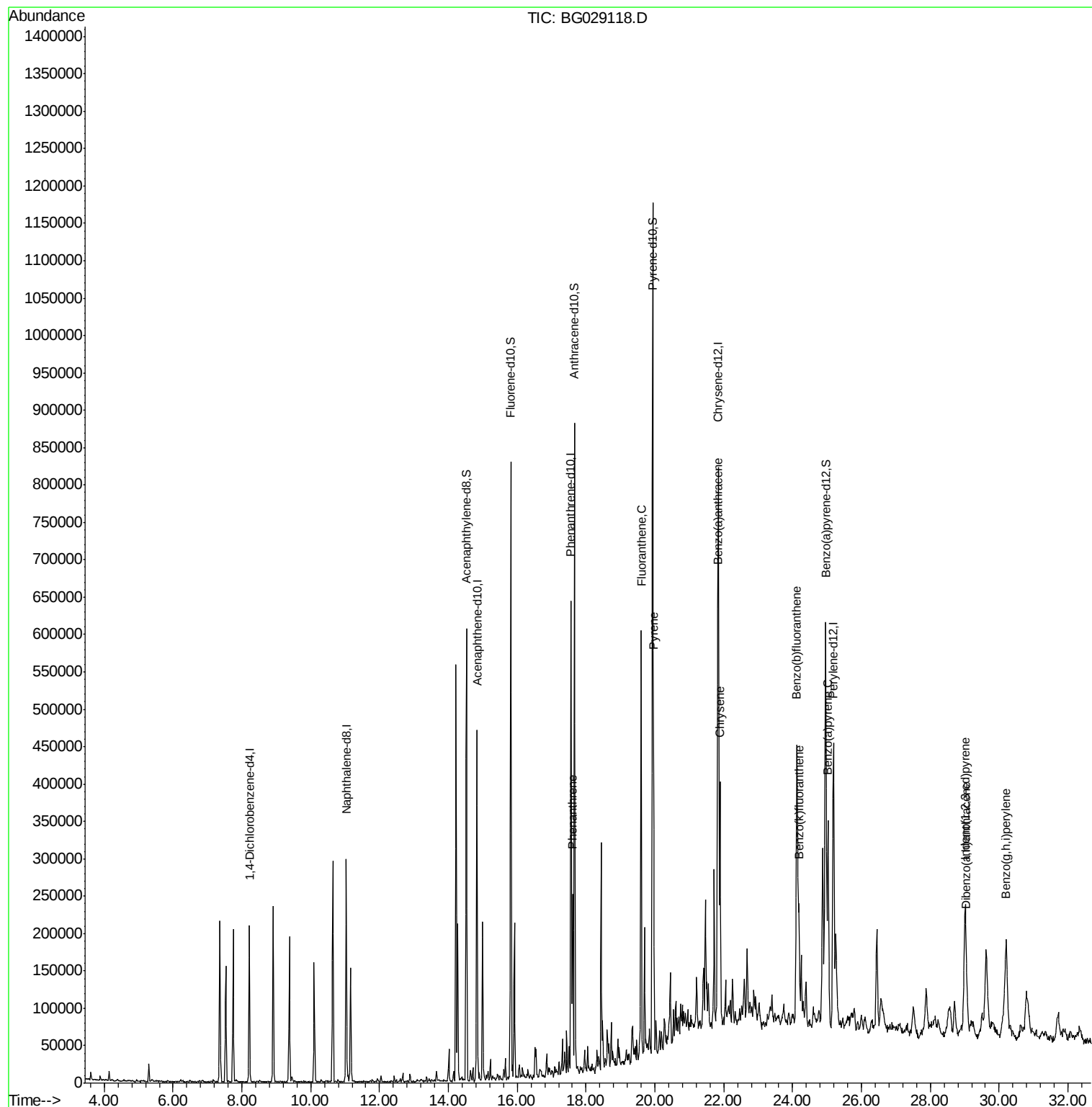
Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
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Operator : SJ/JU
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ALS Vial : 17 Sample Multiplier: 1

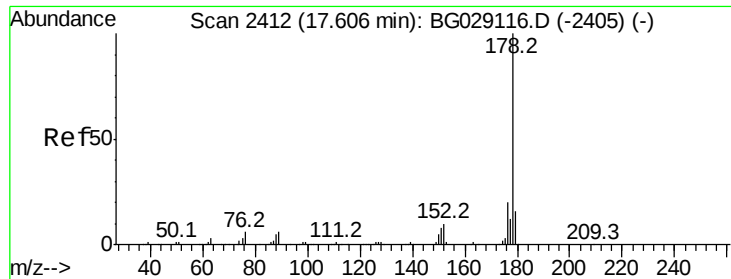
Instrument :
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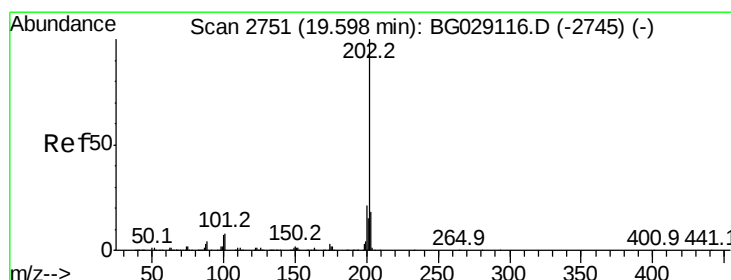
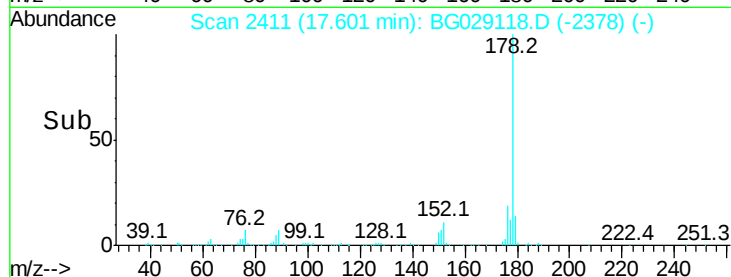
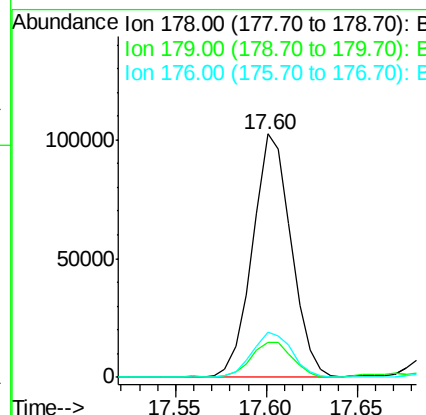
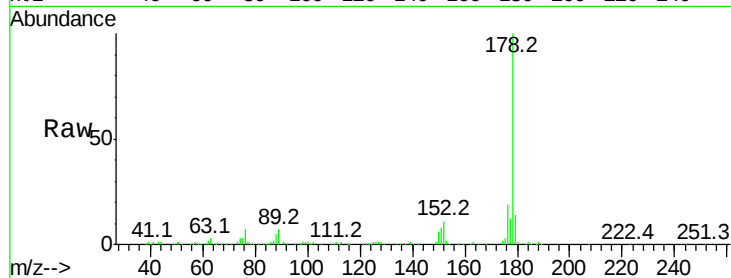
#13
Phenanthrene
Concen: 7.358 ng/ul
RT: 17.60 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BG029118.D
Acq: 9 Oct 2017 21:57

Instrument :
BNA_G
ClientSampleId :
DAH99

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.4	12.3	18.5
176	18.5	15.1	22.7

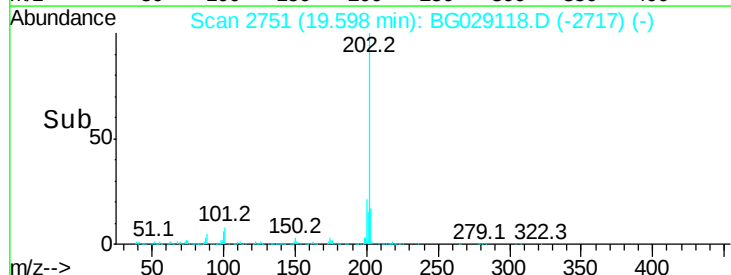
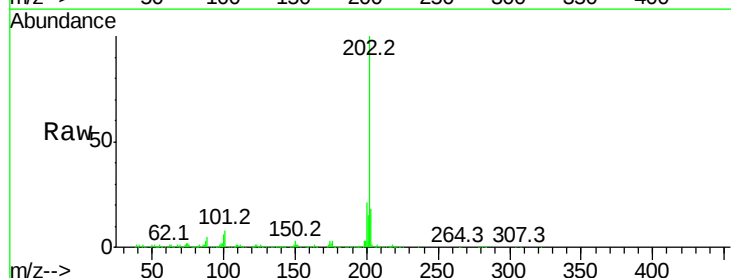
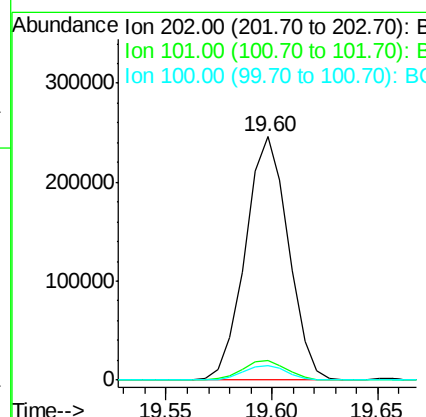
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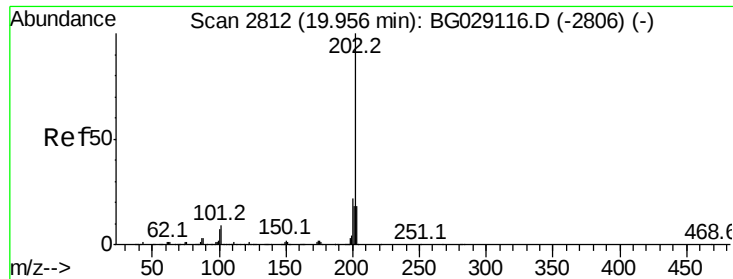
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#16
Fluoranthene
Concen: 14.355 ng/ul
RT: 19.60 min Scan# 2751
Delta R.T. 0.00 min
Lab File: BG029118.D
Acq: 9 Oct 2017 21:57

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.1	9.9	14.9#
100	5.9	7.4	11.0#





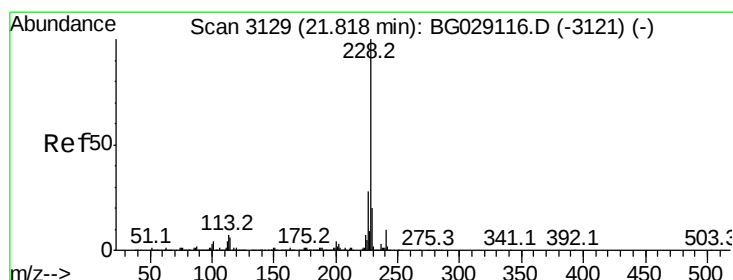
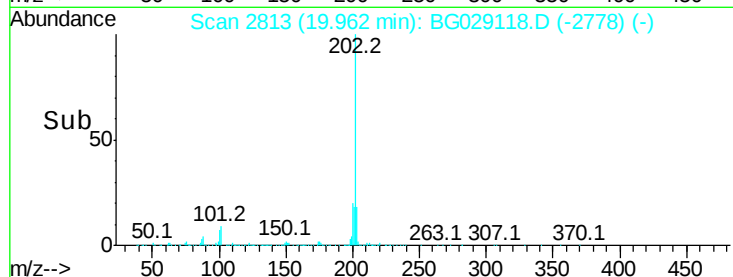
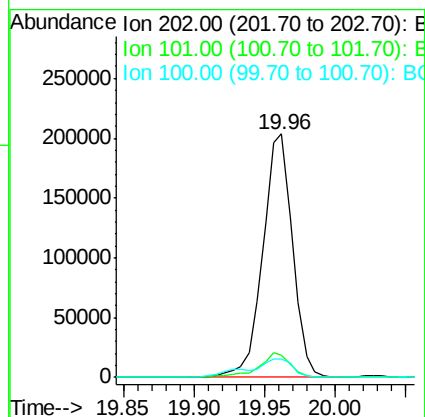
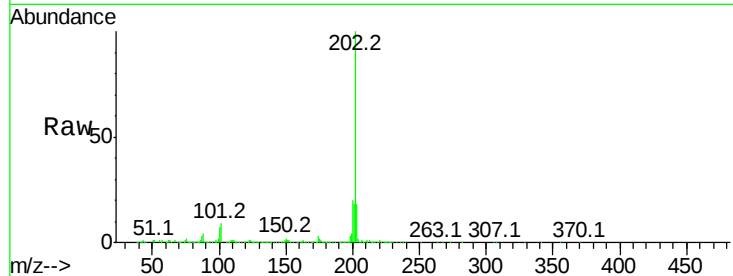
#19
Pvrene
Concen: 11.707 ng/ul
RT: 19.96 min Scan# 2813
Delta R.T. 0.01 min
Lab File: BG029118.D
Acq: 9 Oct 2017 21:57

Instrument :
BNA_G
ClientSampleId :
DAH99

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	9.0		11.0	16.4#	
100	7.3		8.1	12.1#	

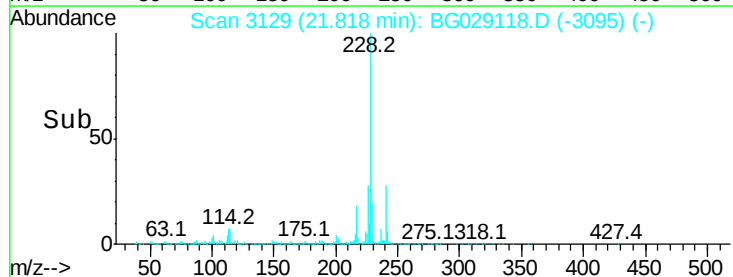
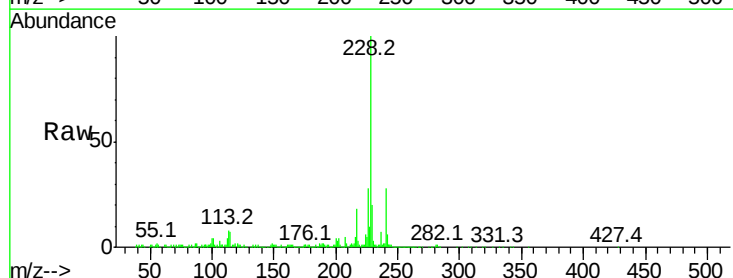
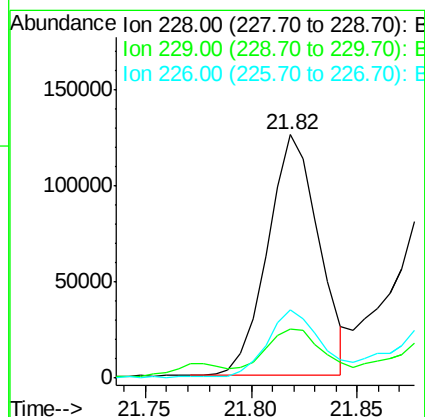
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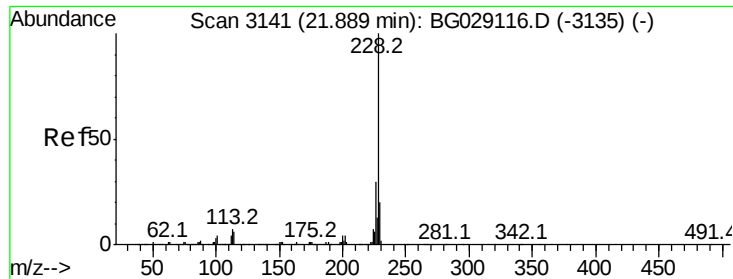
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#20
Benzo(a)anthracene
Concen: 8.690 ng/ul
RT: 21.82 min Scan# 3129
Delta R.T. 0.00 min
Lab File: BG029118.D
Acq: 9 Oct 2017 21:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
229	20.4		15.7	23.5	
226	27.9		21.1	31.7	





#21

Chrysene

Concen: 11.399 ng/ul

RT: 21.89 min Scan# 3141

Delta R.T. 0.00 min

Lab File: BG029118.D

Acq: 9 Oct 2017 21:57

Instrument :

BNA_G

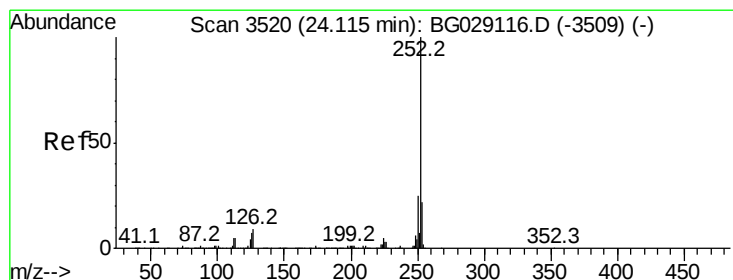
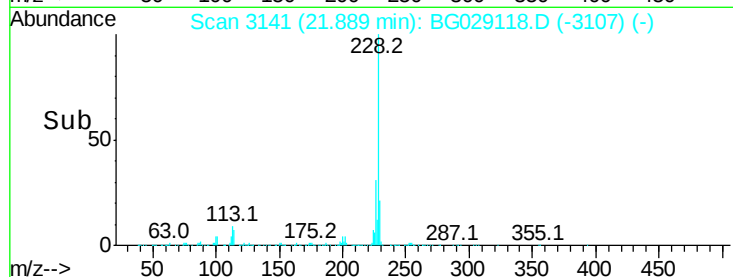
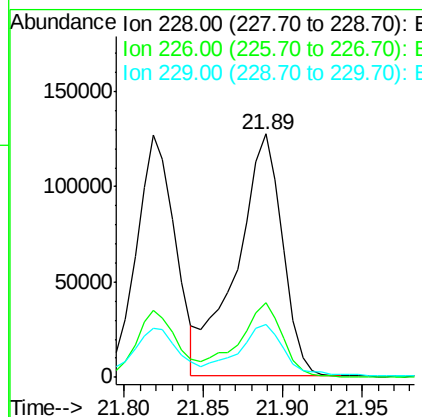
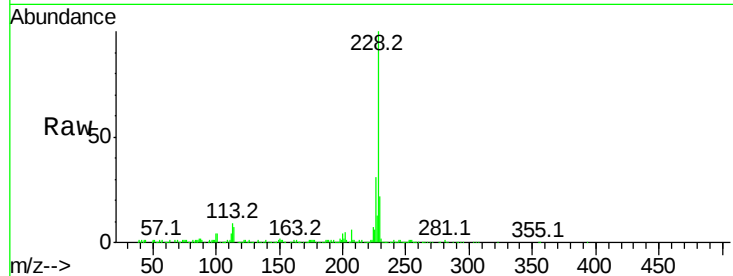
ClientSampleId :

DAH99

Tot Ion:	228	Resp:	253301
Ion Ratio	Lower	Upper	
228	100		
226	30.8	24.5	36.7
229	21.9	15.8	23.8

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#23

Benzo(b)fluoranthene

Concen: 18.914 ng/ul

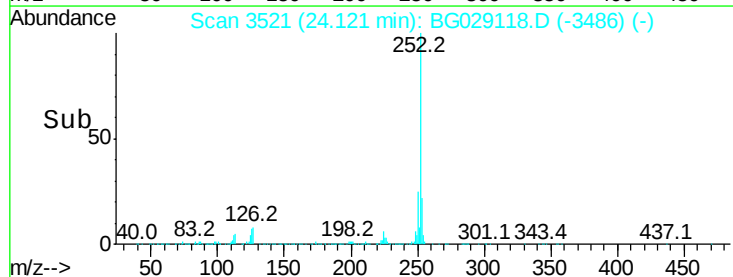
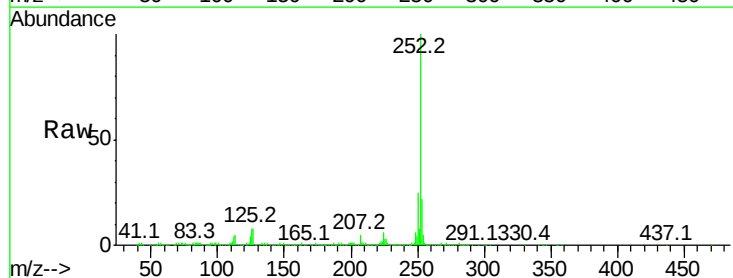
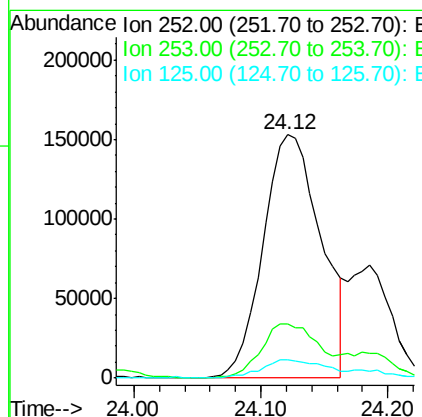
RT: 24.12 min Scan# 3521

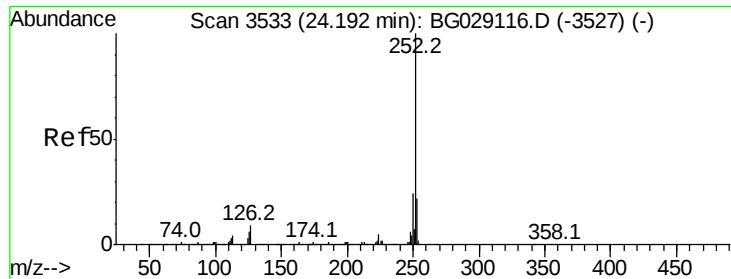
Delta R.T. 0.01 min

Lab File: BG029118.D

Acq: 9 Oct 2017 21:57

Tgt Ion:	252	Resp:	484141
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.0	27.0
125	7.6	8.0	12.0#





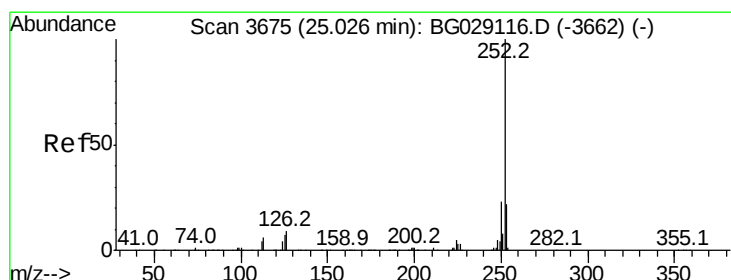
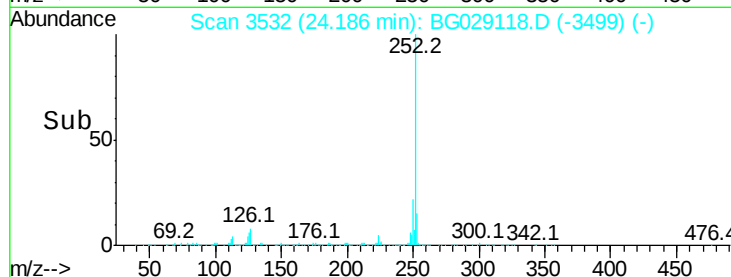
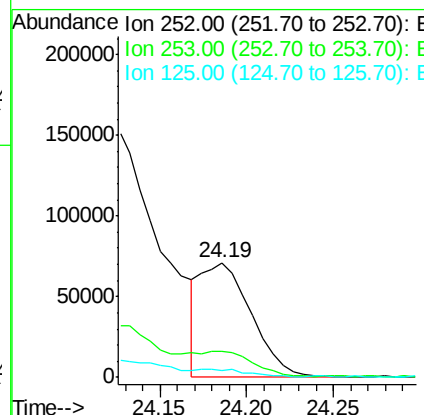
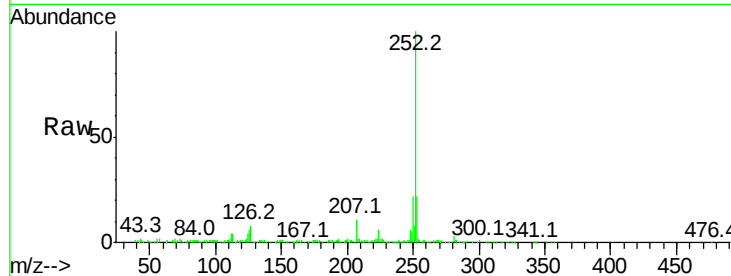
#24
Benzo(k)fluoranthene
Concen: 5.786 ng/ul m
RT: 24.19 min Scan# 3532
Delta R.T. -0.01 min
Lab File: BG029118.D
Acq: 9 Oct 2017 21:57

Instrument :
BNA_G
ClientSampleId :
DAH99

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.3	18.0	27.0
125	6.4	8.1	12.1#

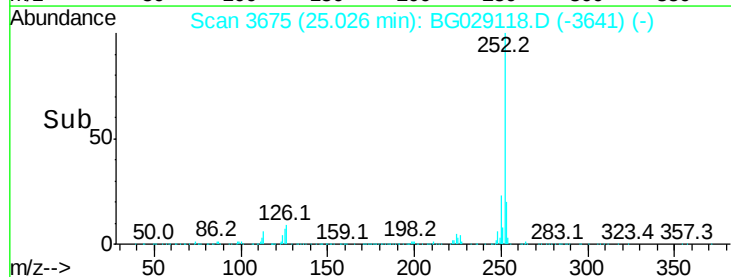
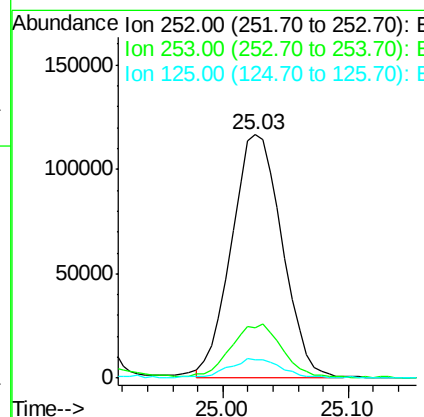
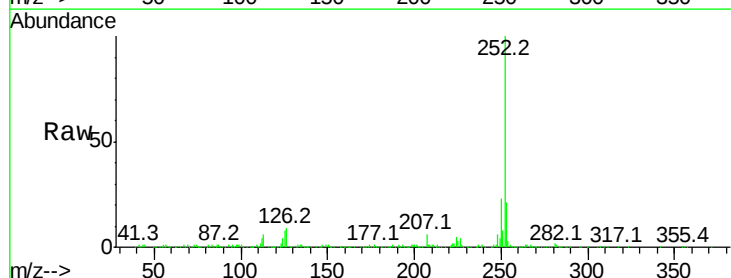
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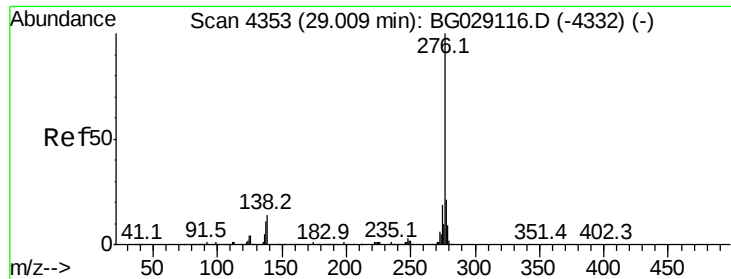
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#26
Benzo(a)pyrene
Concen: 13.184 ng/ul m
RT: 25.03 min Scan# 3675
Delta R.T. 0.00 min
Lab File: BG029118.D
Acq: 9 Oct 2017 21:57

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	20.7	17.2	25.8
125	7.7	8.2	12.4#





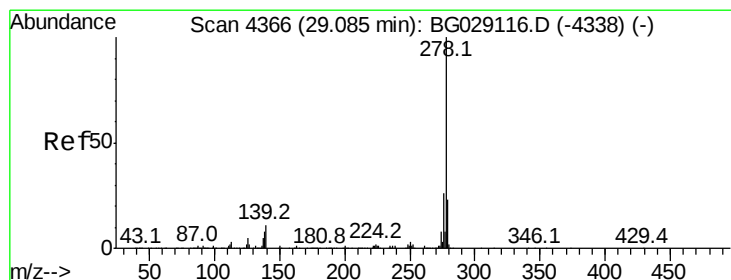
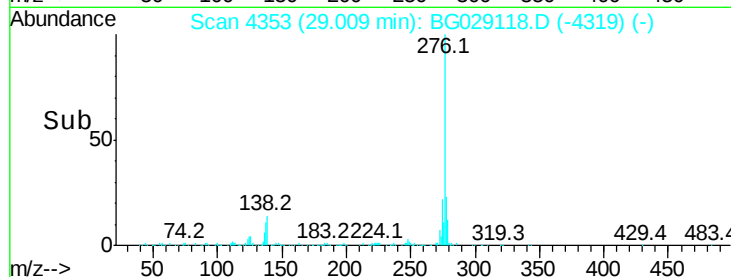
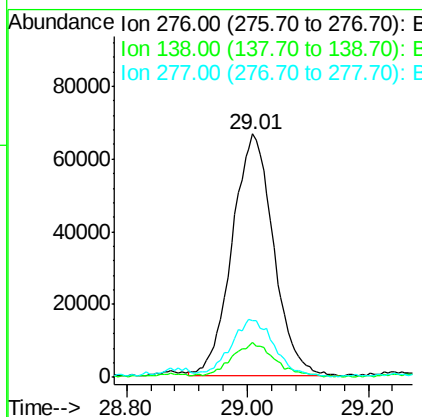
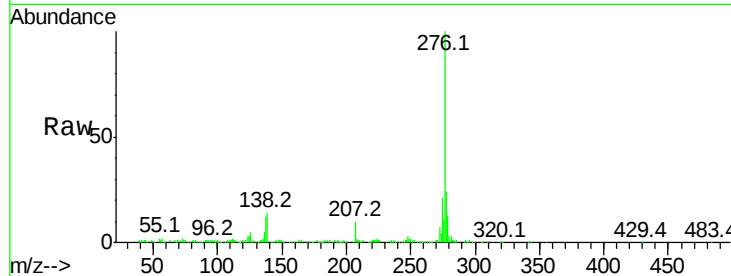
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 11.212 ng/ul
 RT: 29.01 min Scan# 4353
 Delta R.T. 0.00 min
 Lab File: BG029118.D
 Acq: 9 Oct 2017 21:57

Instrument :
 BNA_G
 ClientSampled :
 DAH99

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.1	14.4	21.6#
277	23.6	18.0	27.0

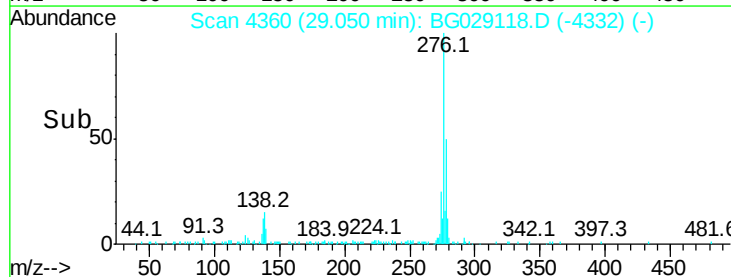
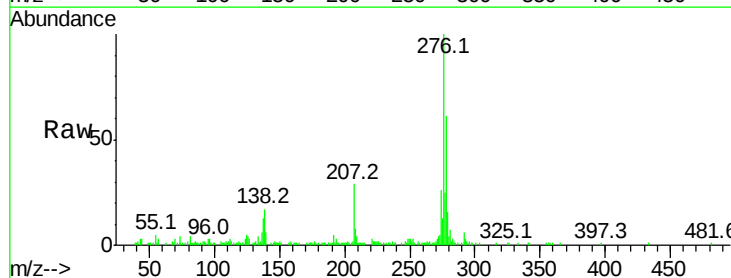
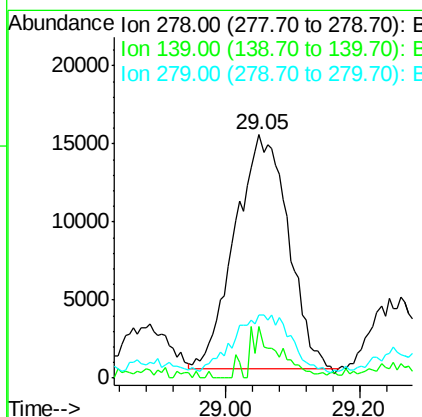
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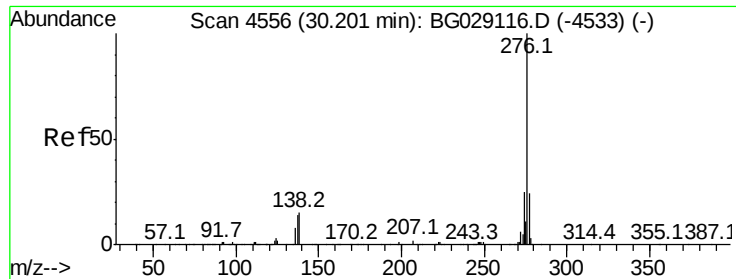
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#28
 Dibenzo(a,h)anthracene
 Concen: 3.529 ng/ul
 RT: 29.05 min Scan# 4360
 Delta R.T. -0.04 min
 Lab File: BG029118.D
 Acq: 9 Oct 2017 21:57

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.1	12.2	18.4#
279	26.1	19.2	28.8





#29
 Benzo(a,h,i)perylene
 Concen: 12.267 ng/ul
 RT: 30.20 min Scan# 4556
 Delta R.T. 0.00 min
 Lab File: BG029118.D
 Acq: 9 Oct 2017 21:57

Instrument :
 BNA_G
 ClientSampleId :
 DAH99

Tot Ion	Ratio	Lower	Upper
276	100		
138	13.9	15.3	22.9#
277	23.8	19.0	28.4

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