

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022017\
 Data File : BG025894.D
 Acq On : 21 Feb 2017 4:37
 Operator : SJ/MA
 Sample : I1898-22
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DABC5

Manual Integrations
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mohammad
 2/21/2017 10:36:29 AM

Quant Time: Feb 21 05:27:40 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.3-EPA-BG021617MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 21 02:22:54 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	160735	20.00	ng/ul	0.00
2) Naphthalene-d8	10.89	136	776036	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.69	164	447925	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.42	188	902712	20.00	ng/ul	0.00
17) Chrysene-d12	21.68	240	900178	20.00	ng/ul	0.01
22) Perylene-d12	24.89	264	873733	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	14.38	160	924532	24.92	ng/ul	0.00
10) Fluorene-d10	15.68	176	654030	22.96	ng/ul	0.00
14) Anthracene-d10	17.52	188	903669	22.14	ng/ul	0.00
18) Pyrene-d10	19.80	212	916458	21.12	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.67	264	863335	22.33	ng/ul	0.02
Target Compounds						
13) Phenanthrene	17.46	178	432338	8.98	ng/ul	Qvalue 99
15) Anthracene	17.55	178	109425	2.24	ng/ul	98
16) Fluoranthene	19.46	202	1072397	20.26	ng/ul	98
19) Pyrene	19.82	202	910241	16.71	ng/ul	96
20) Benzo(a)anthracene	21.65	228	632051	12.48	ng/ul	93
21) Chrysene	21.72	228	646850	13.37	ng/ul	96
23) Benzo(b)fluoranthene	23.87	252	1313173	26.01	ng/ul#	95
24) Benzo(k)fluoranthene	23.93	252	365685m	7.50	ng/ul	
26) Benzo(a)pyrene	24.74	252	736046	15.07	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	28.55	276	559357	9.78	ng/ul#	88
28) Dibenzo(a,h)anthracene	28.59	278	164856	3.48	ng/ul#	79
29) Benzo(g,h,i)perylene	29.69	276	459568	9.73	ng/ul#	94

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

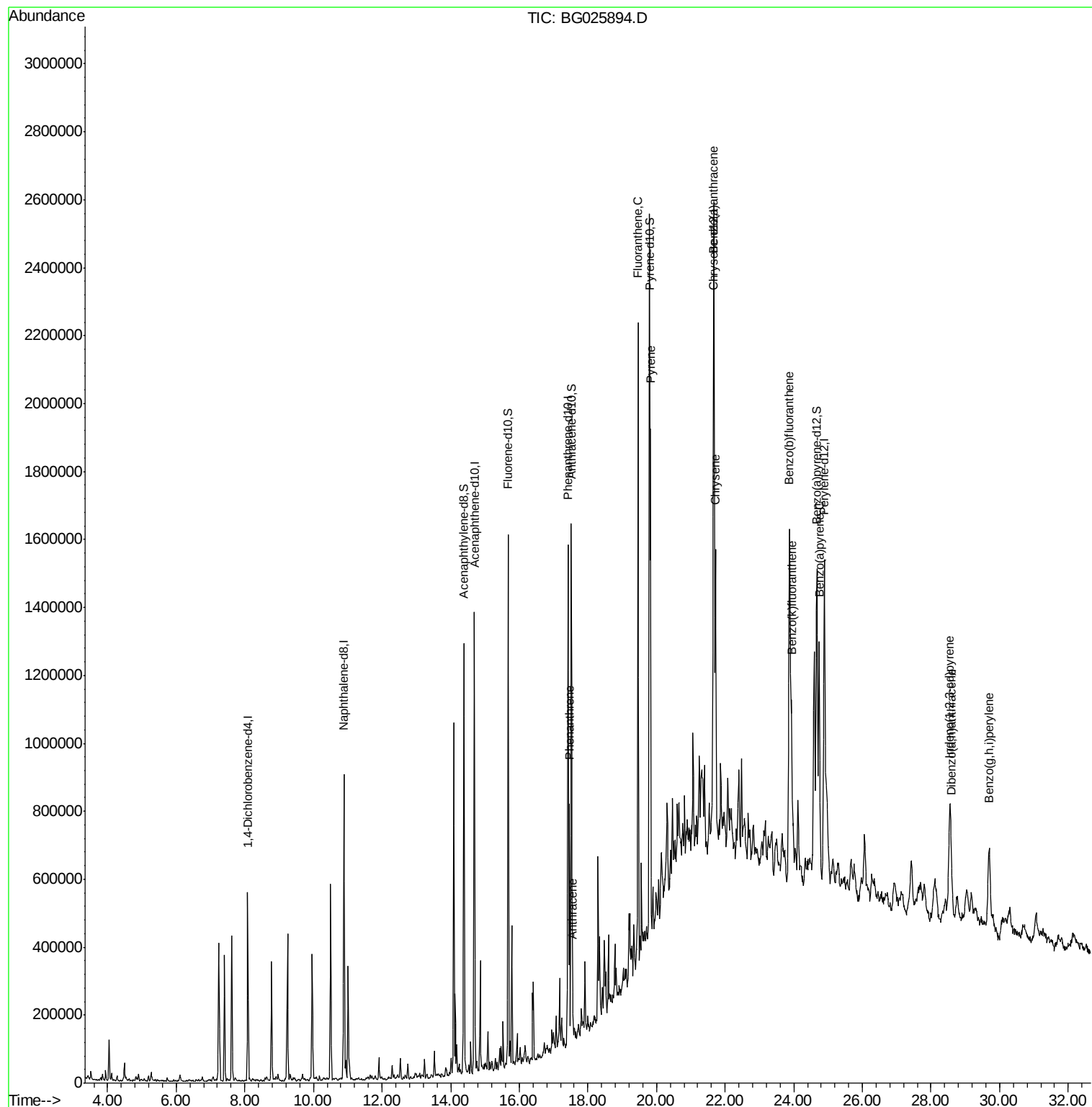
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022017\
Data File : BG025894.D
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Sample : I1898-22
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ALS Vial : 28 Sample Multiplier: 1

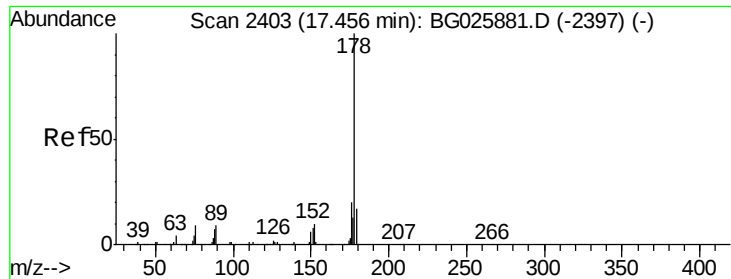
Instrument :
BNA_G
ClientSampled :
DABC5

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Quant Time: Feb 21 05:27:40 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.3-EPA-BG021617MA.M
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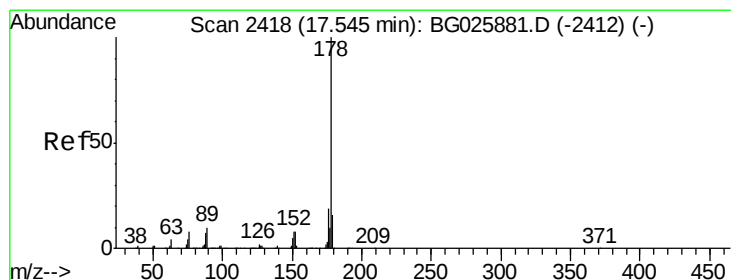
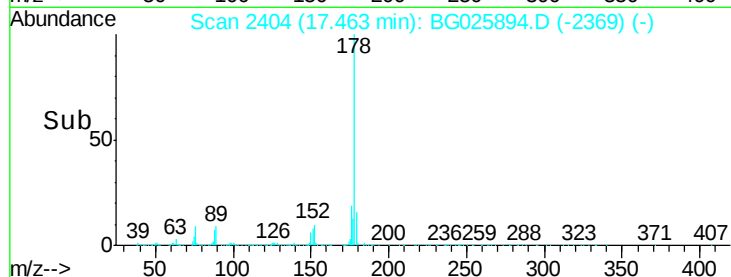
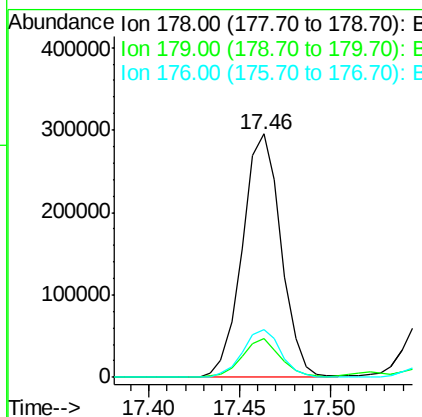
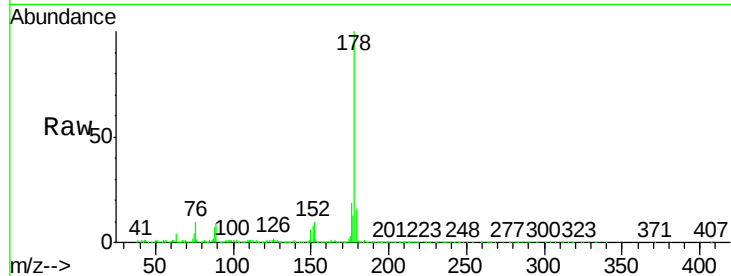
#13
Phenanthrene
Concen: 8.98 ng/ul
RT: 17.46 min Scan# 2404
Delta R.T. 0.01 min
Lab File: BG025894.D
Acq: 21 Feb 2017 4:37

Instrument :
BNA_G
ClientSampleId :
DABC5

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
179	15.9	12.3	18.5
176	19.4	15.1	22.7

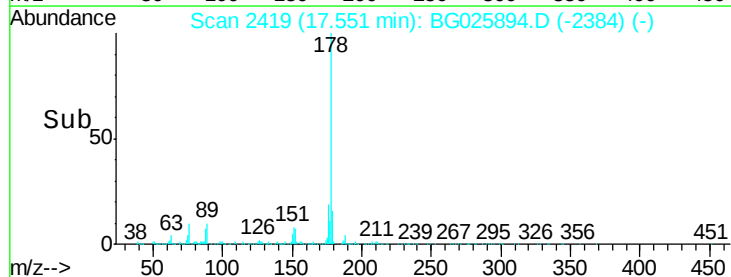
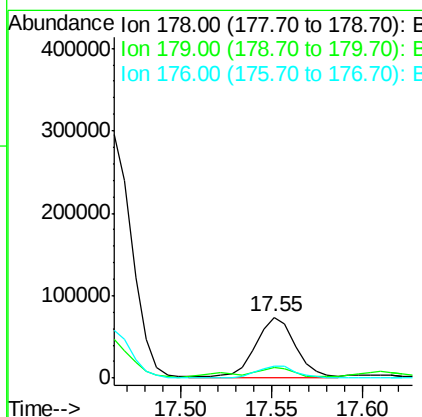
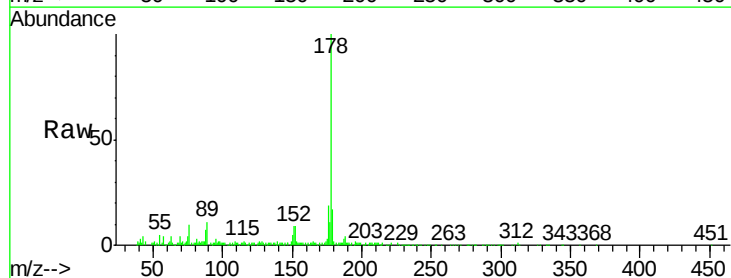
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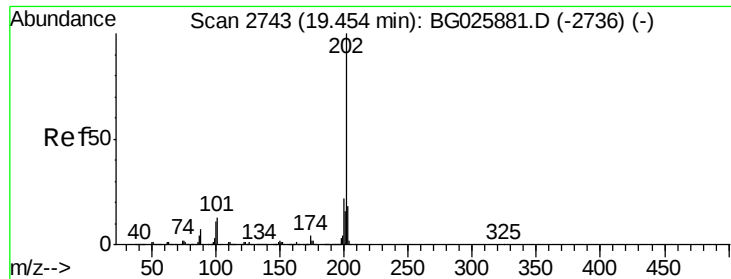
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#15
Anthracene
Concen: 2.24 ng/ul
RT: 17.55 min Scan# 2419
Delta R.T. 0.01 min
Lab File: BG025894.D
Acq: 21 Feb 2017 4:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
179	16.6	11.8	17.8
176	19.2	15.2	22.8





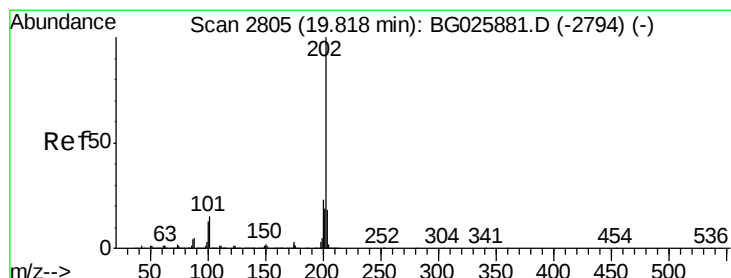
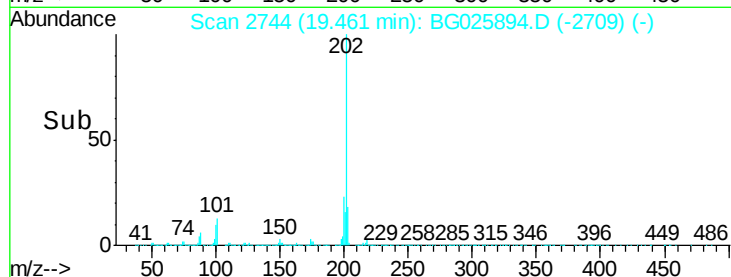
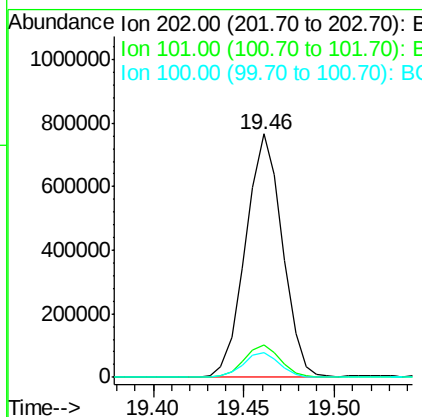
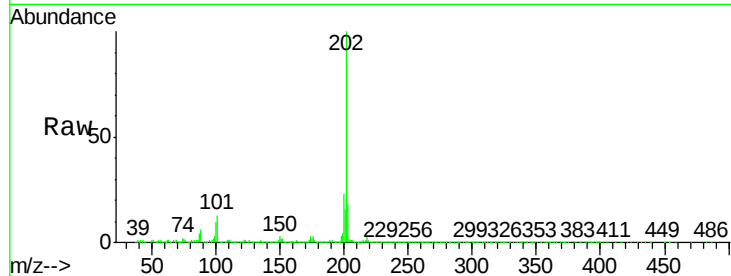
#16
Fluoranthene
 Concen: 20.26 ng/ul
 RT: 19.46 min Scan# 2744
 Delta R.T. 0.01 min
 Lab File: BG025894.D
 Acq: 21 Feb 2017 4:37

Instrument :
 BNA_G
 ClientSampleId :
 DABC5

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.2	9.9	14.9
100	10.2	7.4	11.0

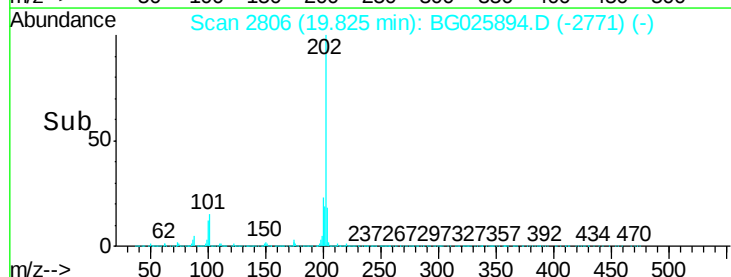
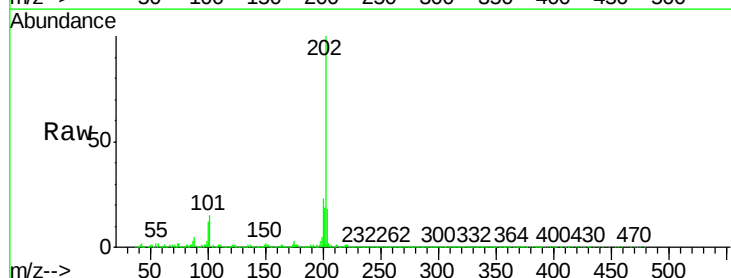
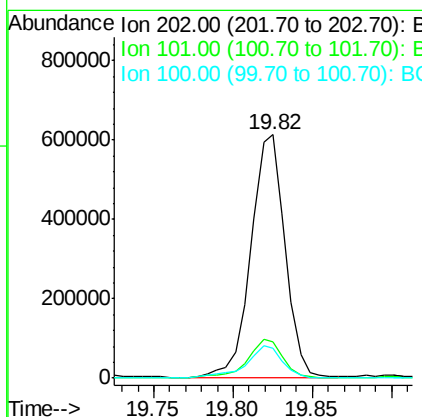
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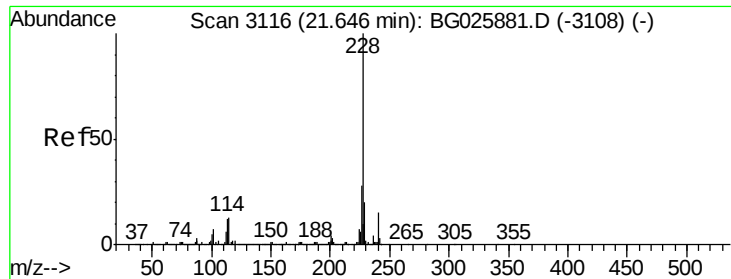
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#19
Pyrene
 Concen: 16.71 ng/ul
 RT: 19.82 min Scan# 2806
 Delta R.T. 0.01 min
 Lab File: BG025894.D
 Acq: 21 Feb 2017 4:37

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.6	11.0	16.4
100	12.0	8.1	12.1





#20

Benzo(a)anthracene

Concen: 12.48 ng/ul

RT: 21.65 min Scan# 3117

Delta R.T. 0.01 min

Lab File: BG025894.D

Acq: 21 Feb 2017 4:37

Instrument :

BNA_G

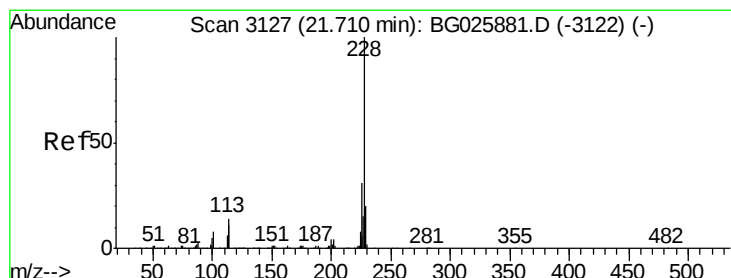
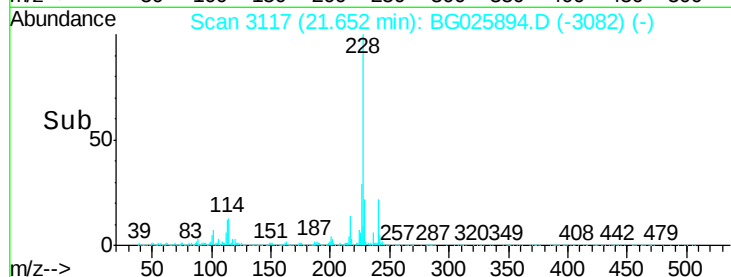
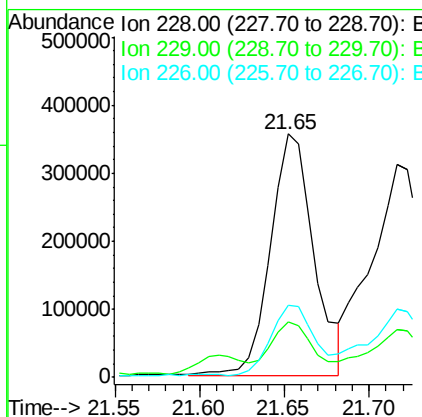
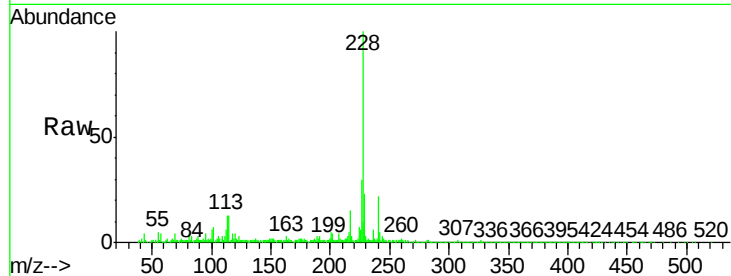
ClientSampleId :

DABC5

Tgt	Ion:228	Resp:	632051
Ion	Ratio	Lower	Upper
228	100		
229	22.9	15.7	23.5
226	29.6	21.1	31.7

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#21

Chrysene

Concen: 13.37 ng/ul

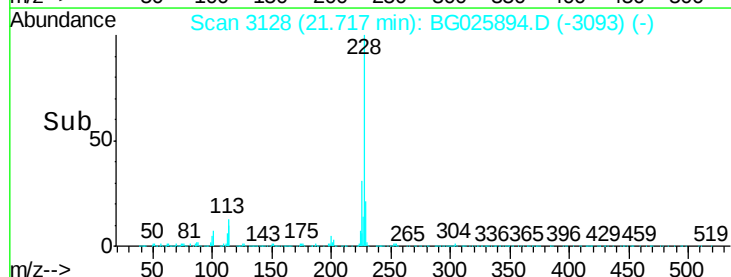
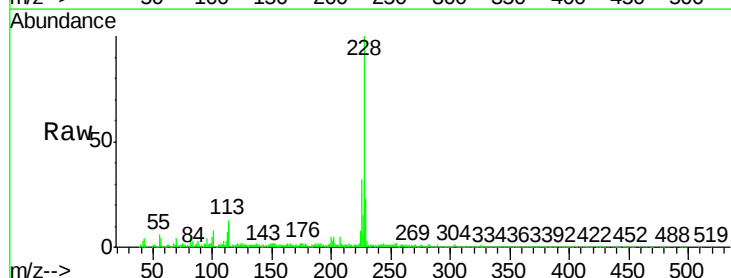
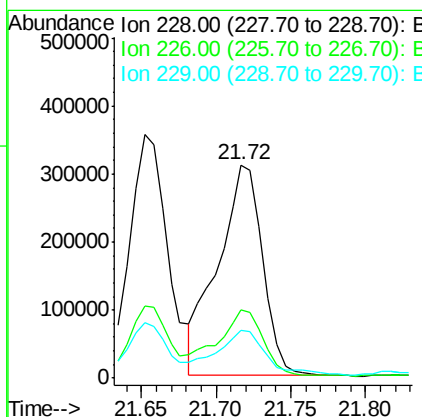
RT: 21.72 min Scan# 3128

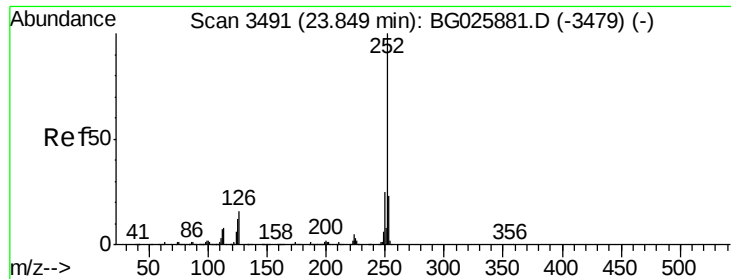
Delta R.T. 0.01 min

Lab File: BG025894.D

Acq: 21 Feb 2017 4:37

Tgt	Ion:228	Resp:	646850
Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.5	36.7
229	22.6	15.8	23.8





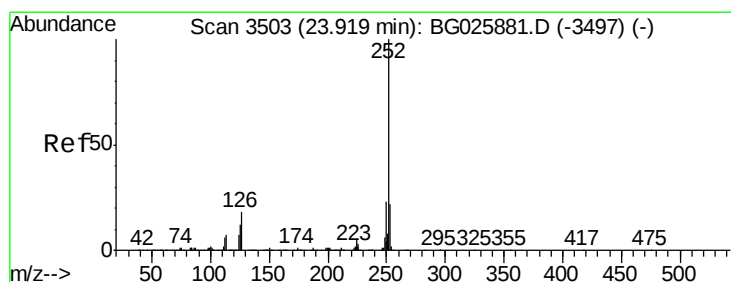
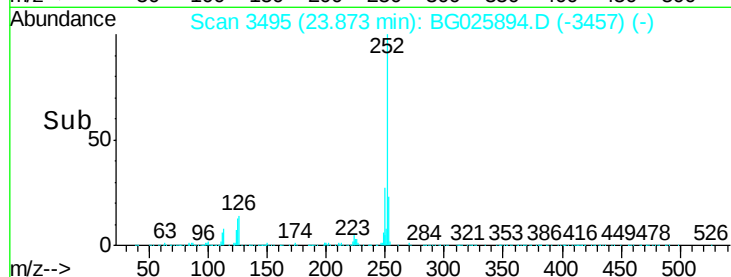
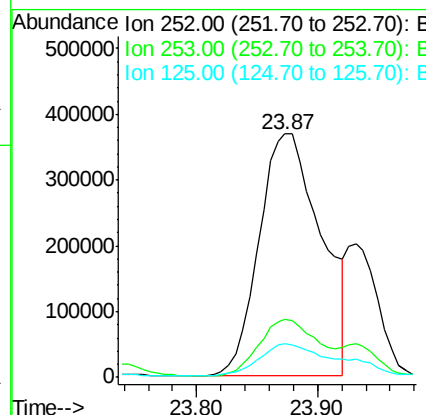
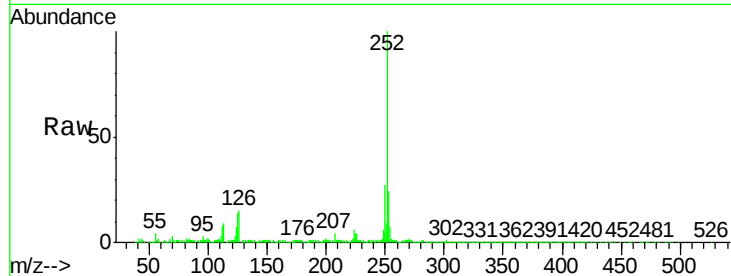
#23
Benzo(b)fluoranthene
Concen: 26.01 ng/ul
RT: 23.87 min Scan# 3495
Delta R.T. 0.02 min
Lab File: BG025894.D
Acq: 21 Feb 2017 4:37

Instrument :
BNA_G
ClientSampleId :
DABC5

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.0	27.0
125	13.6	8.0	12.0

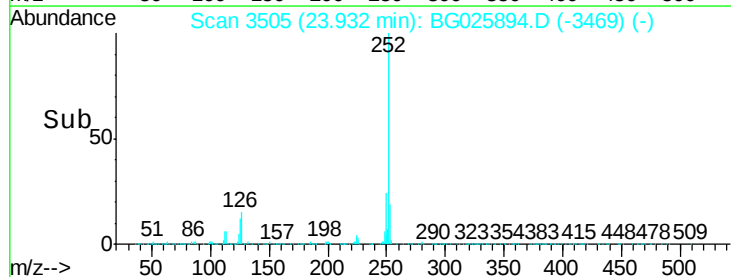
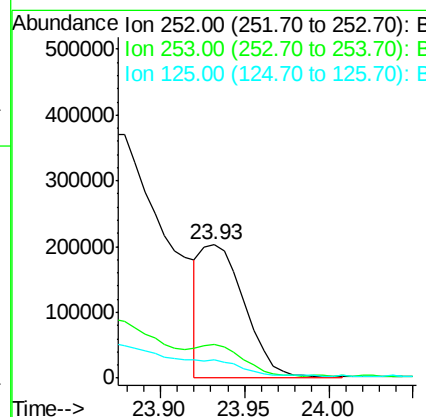
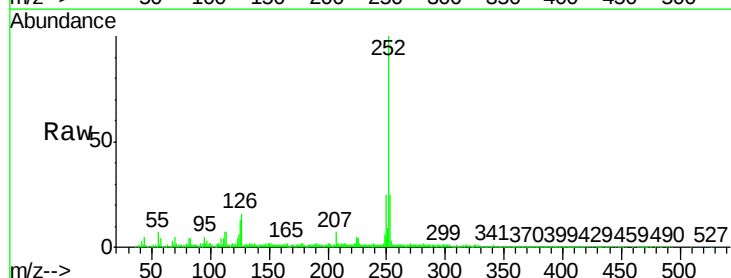
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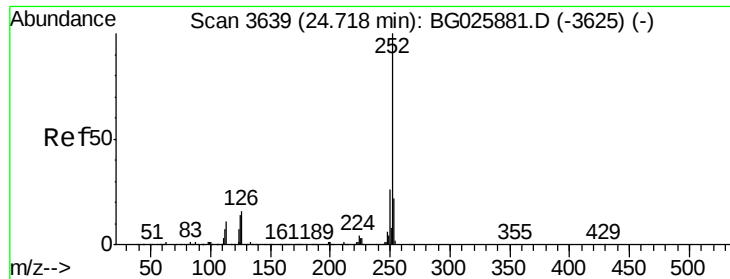
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#24
Benzo(k)fluoranthene
Concen: 7.50 ng/ul m
RT: 23.93 min Scan# 3505
Delta R.T. 0.01 min
Lab File: BG025894.D
Acq: 21 Feb 2017 4:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.0	27.0
125	13.5	8.1	12.1





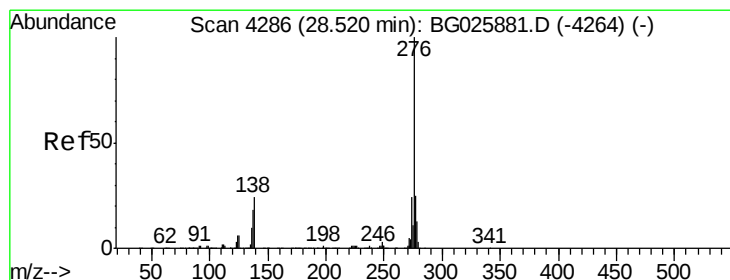
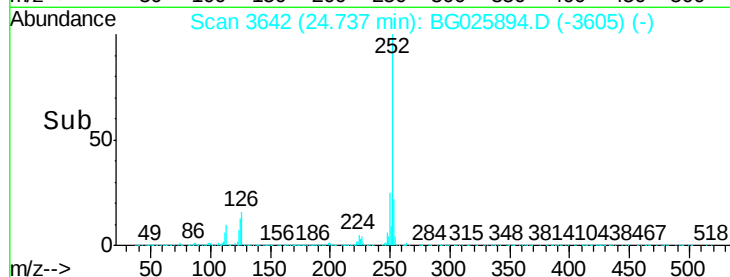
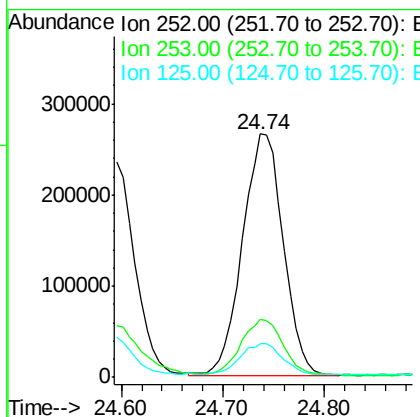
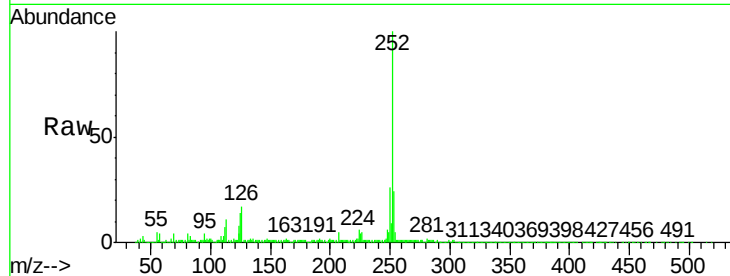
#26
Benzo(a)pyrene
Concen: 15.07 ng/ul
RT: 24.74 min Scan# 3642
Delta R.T. 0.02 min
Lab File: BG025894.D
Acq: 21 Feb 2017 4:37

Instrument :
BNA_G
ClientSampleId :
DABC5

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.2	25.8
125	13.6	8.2	12.4

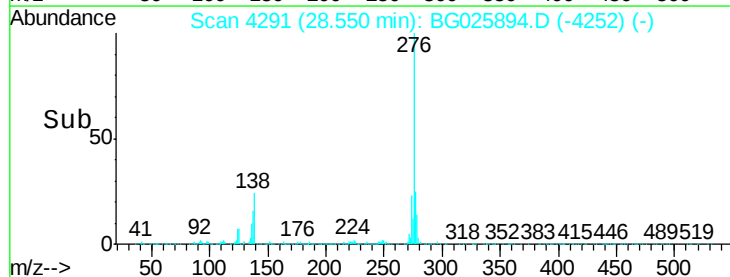
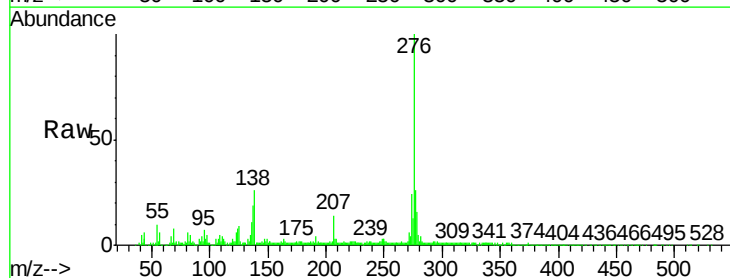
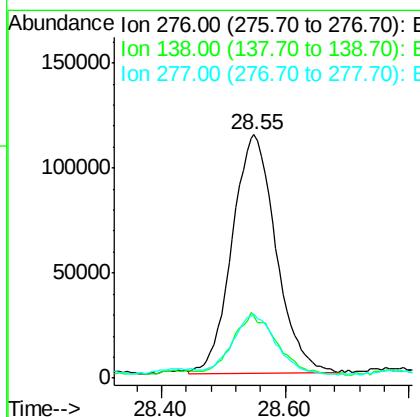
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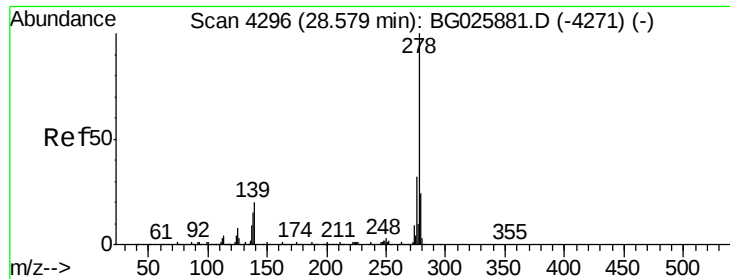
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#27
Indeno(1,2,3-cd)pyrene
Concen: 9.78 ng/ul
RT: 28.55 min Scan# 4291
Delta R.T. 0.03 min
Lab File: BG025894.D
Acq: 21 Feb 2017 4:37

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.6	14.4	21.6
277	26.3	18.0	27.0





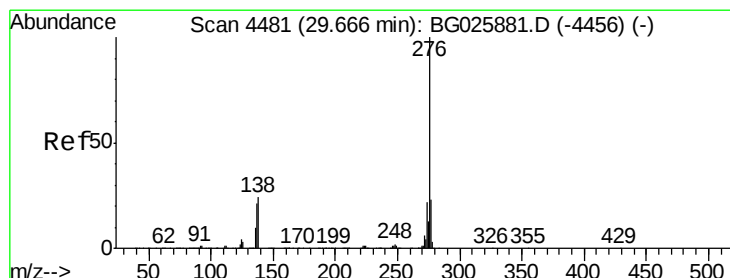
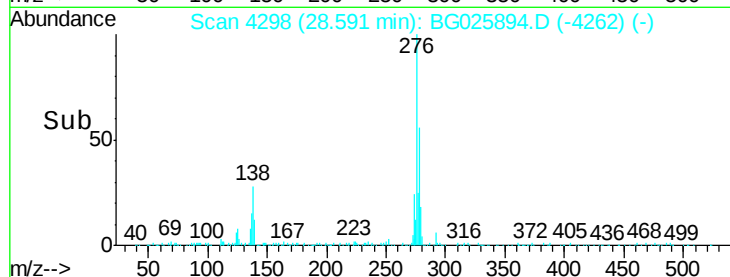
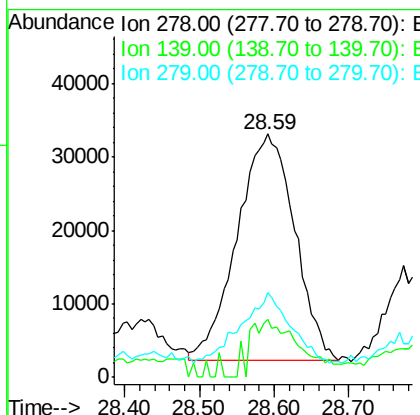
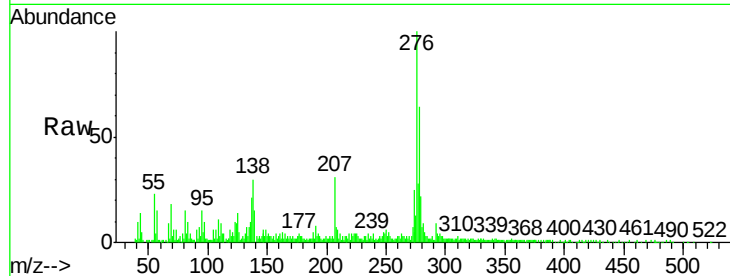
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Dibenzo(a,h)anthracene
Concen: 3.48 ng/ul
RT: 28.59 min Scan# 4298
Delta R.T. 0.01 min
Lab File: BG025894.D
Acq: 21 Feb 2017 4:37

Instrument :
BNA_G
ClientSampleId :
DABC5

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	164856		
139	23.9	12.2	18.4#	
279	34.8	19.2	28.8#	

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#29
Benzo(g,h,i)perylene
Concen: 9.73 ng/ul
RT: 29.69 min Scan# 4485
Delta R.T. 0.02 min
Lab File: BG025894.D
Acq: 21 Feb 2017 4:37

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	459568		
138	23.9	15.3	22.9#	
277	23.0	19.0	28.4	

