

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022117\
 Data File : BG025924.D
 Acq On : 22 Feb 2017 3:51
 Operator : SJ/MA
 Sample : I1900-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DABC9

Manual Integrations
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Quant Time: Feb 22 04:57:21 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.3-EPA-BG021617MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 22 04:47:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	138342	20.00	ng/ul	0.00
2) Naphthalene-d8	10.89	136	676809	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.69	164	395791	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.42	188	813690	20.00	ng/ul	0.00
17) Chrysene-d12	21.68	240	807640	20.00	ng/ul	0.00
22) Perylene-d12	24.89	264	791461	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	14.38	160	594375	18.13	ng/ul	0.00
10) Fluorene-d10	15.68	176	433905	17.24	ng/ul	0.00
14) Anthracene-d10	17.52	188	639346	17.38	ng/ul	0.00
18) Pyrene-d10	19.79	212	684709	17.59	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.67	264	625846	17.87	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Phenanthrene	17.46	178	165489	3.81	ng/ul	99
16) Fluoranthene	19.46	202	344297	7.22	ng/ul	99
19) Pyrene	19.82	202	294075	6.02	ng/ul#	97
20) Benzo(a)anthracene	21.66	228	194278	4.28	ng/ul	93
21) Chrysene	21.72	228	208460	4.80	ng/ul	97
23) Benzo(b)fluoranthene	23.87	252	365168	7.99	ng/ul#	96
24) Benzo(k)fluoranthene	23.93	252	121711m	2.76	ng/ul	
26) Benzo(a)pyrene	24.74	252	207519	4.69	ng/ul#	97
27) Indeno(1,2,3-cd)pyrene	28.54	276	167830	3.24	ng/ul#	83
28) Dibenzo(a,h)anthracene	28.60	278	50761m	1.18	ng/ul	
29) Benzo(g,h,i)perylene	29.68	276	155347m	3.63	ng/ul	

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

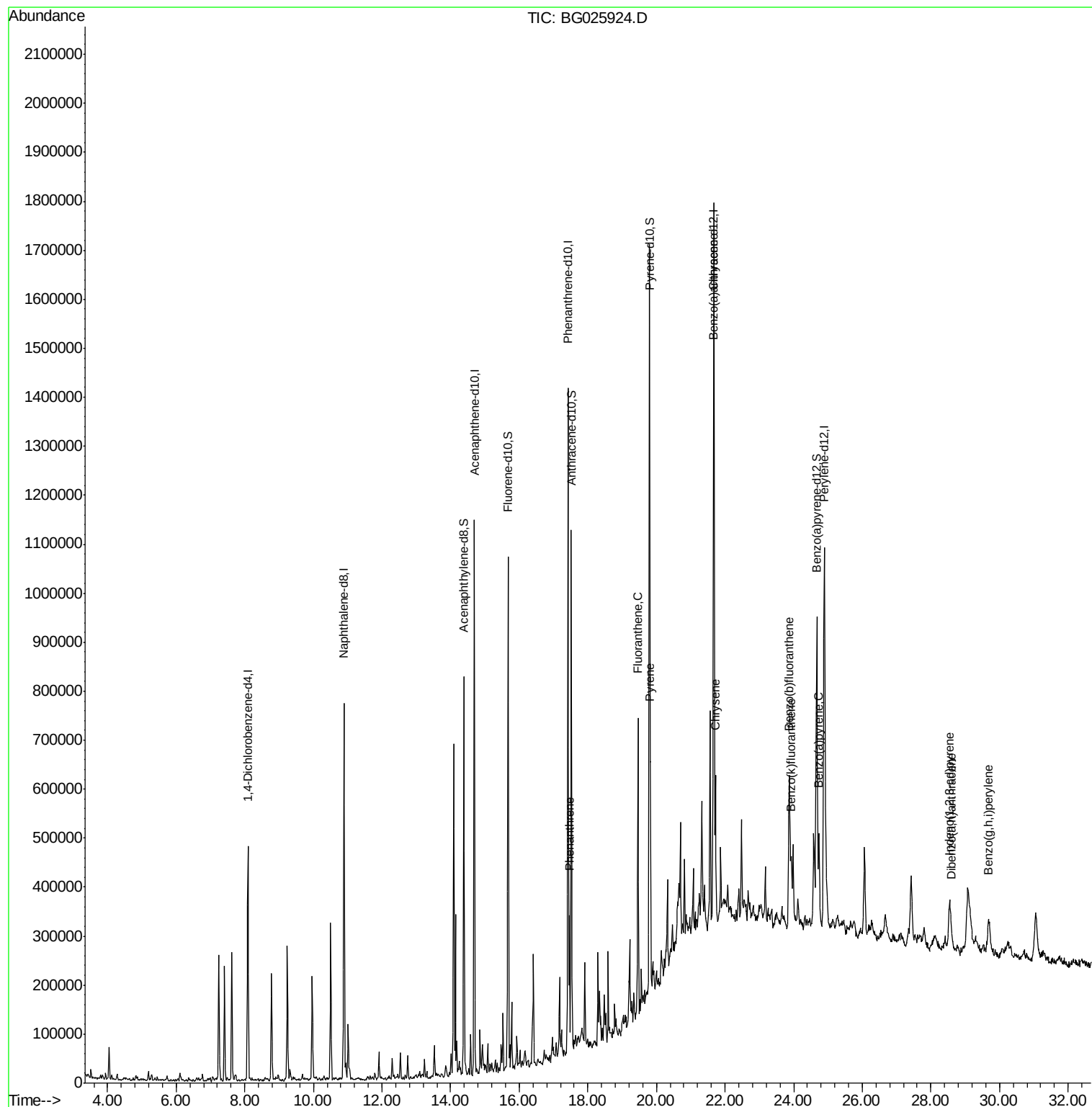
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022117\
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ALS Vial : 27 Sample Multiplier: 1

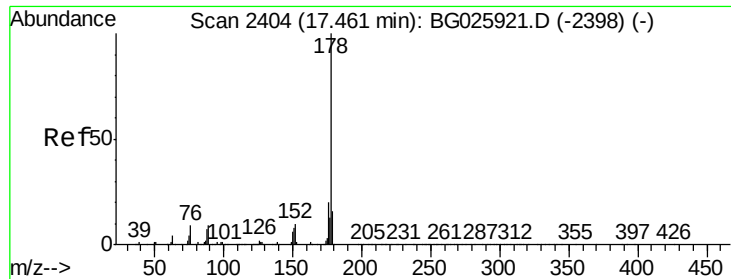
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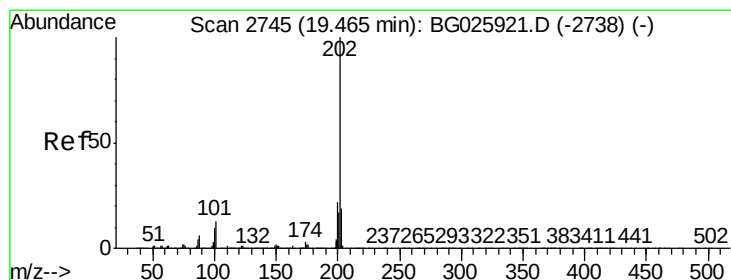
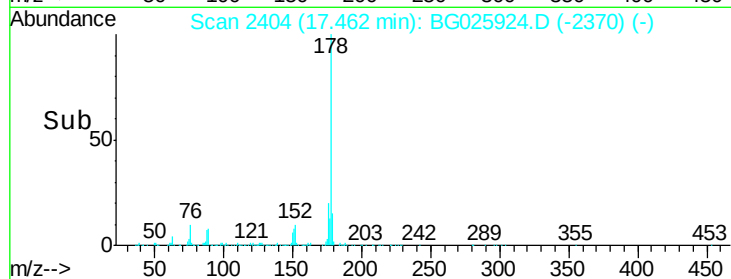
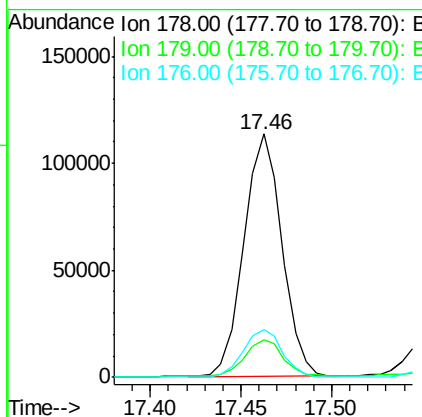
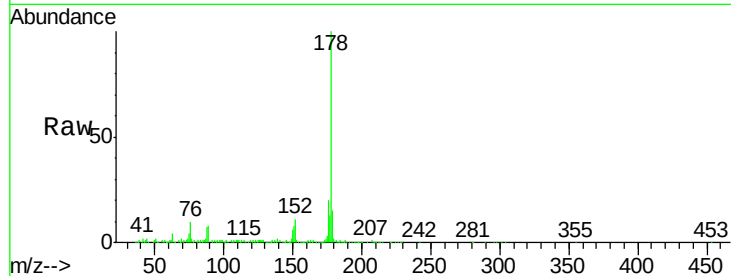
#13
Phenanthrene
Concen: 3.81 ng/ul
RT: 17.46 min Scan# 2404
Delta R.T. 0.00 min
Lab File: BG025924.D
Acq: 22 Feb 2017 3:51

Instrument :
BNA_G
ClientSampleId :
DABC9

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	165489		
179	15.4	12.3	18.5	
176	19.7	15.1	22.7	

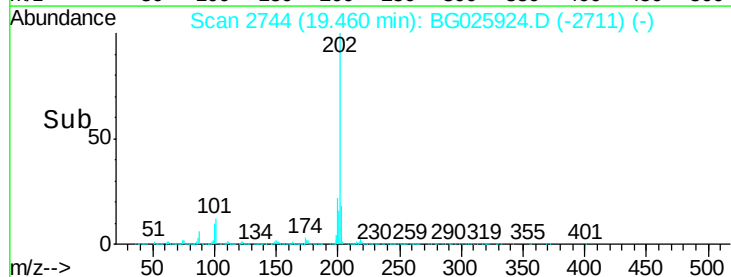
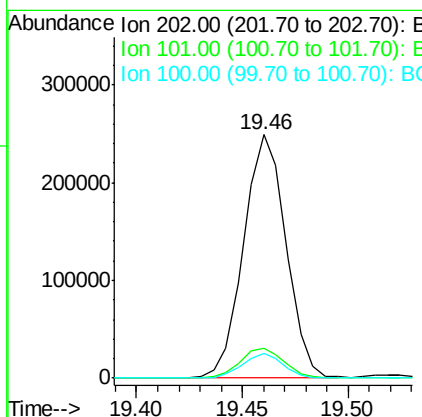
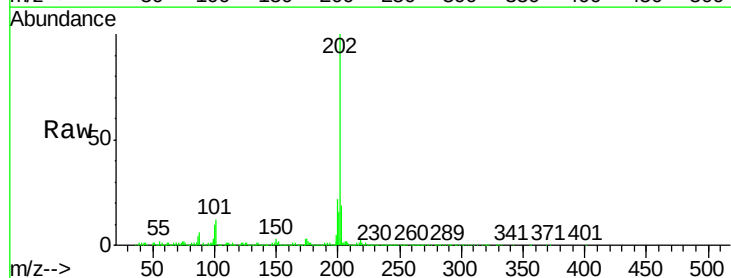
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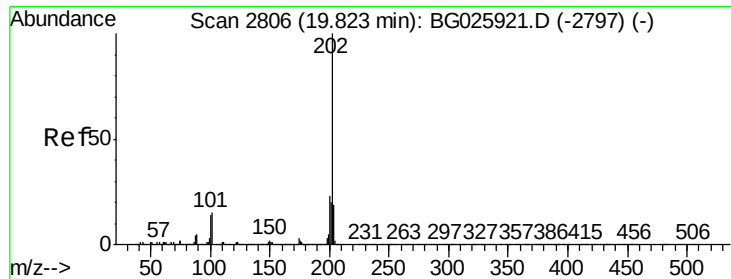
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#16
Fluoranthene
Concen: 7.22 ng/ul
RT: 19.46 min Scan# 2744
Delta R.T. -0.00 min
Lab File: BG025924.D
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	344297		
101	12.3	9.9	14.9	
100	10.0	7.4	11.0	





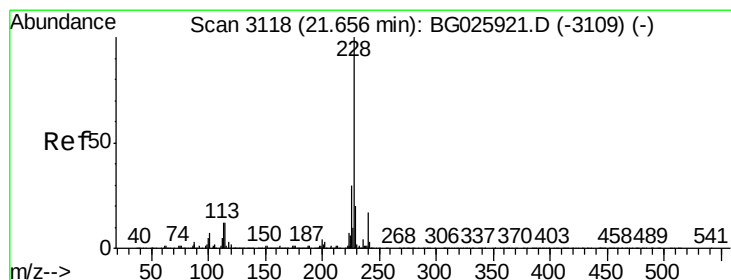
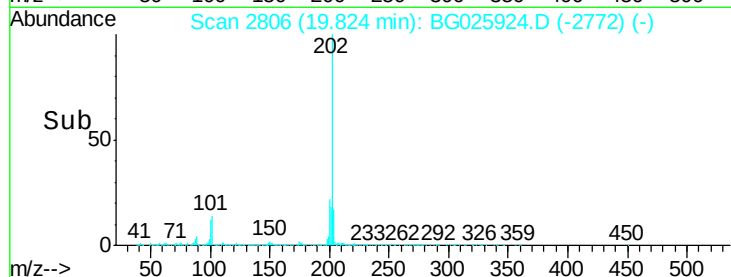
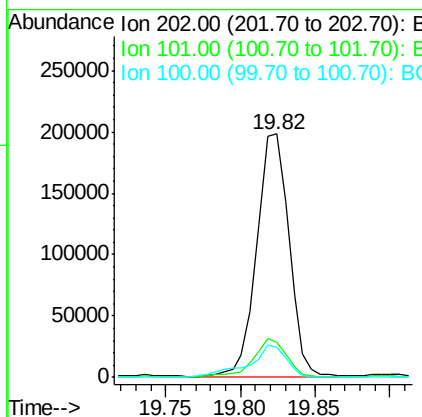
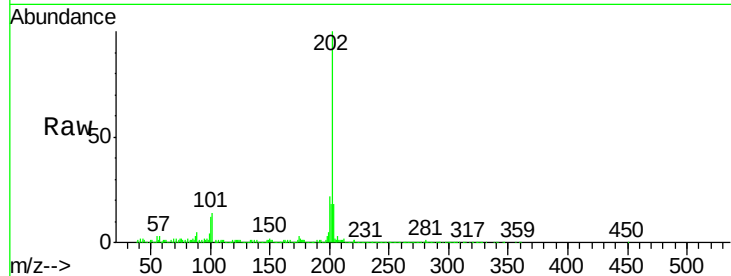
#19
Pyrene
Concen: 6.02 ng/ul
RT: 19.82 min Scan# 2806
Delta R.T. 0.00 min
Lab File: BG025924.D
Acq: 22 Feb 2017 3:51

Instrument :
BNA_G
ClientSampled :
DABC9

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.2	11.0	16.4
100	12.2	8.1	12.1

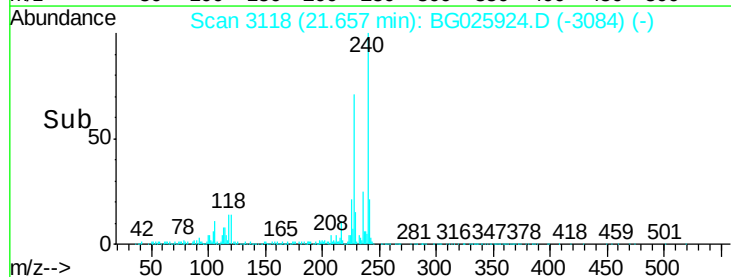
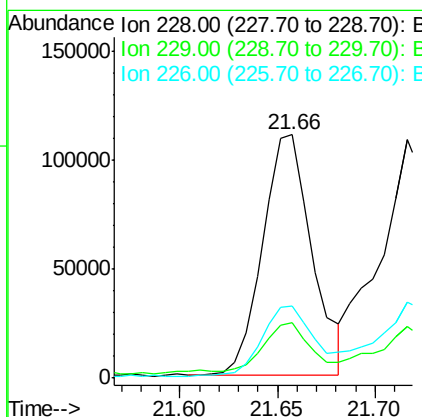
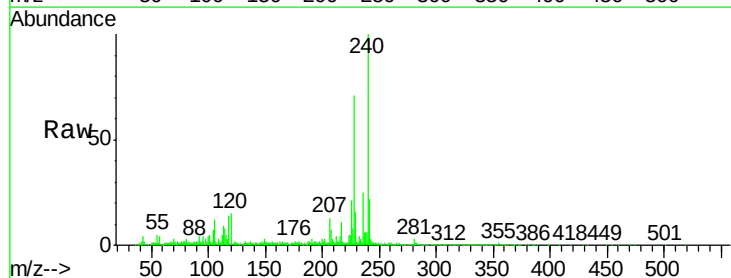
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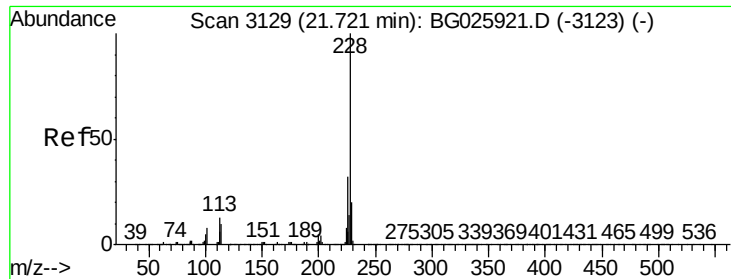
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#20
Benzo(a)anthracene
Concen: 4.28 ng/ul
RT: 21.66 min Scan# 3118
Delta R.T. 0.00 min
Lab File: BG025924.D
Acq: 22 Feb 2017 3:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	22.8	15.7	23.5
226	29.6	21.1	31.7





#21

Chrysene

Concen: 4.80 ng/ul

RT: 21.72 min Scan# 3128

Delta R.T. -0.00 min

Lab File: BG025924.D

Acq: 22 Feb 2017 3:51

Instrument :

BNA_G

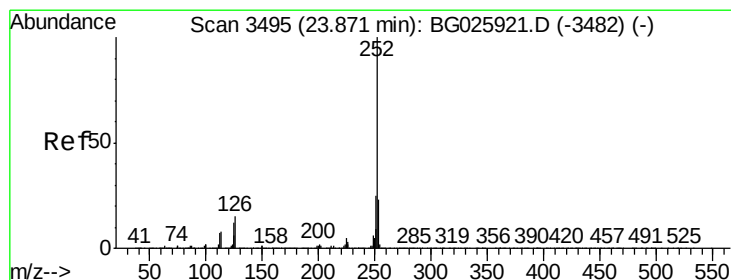
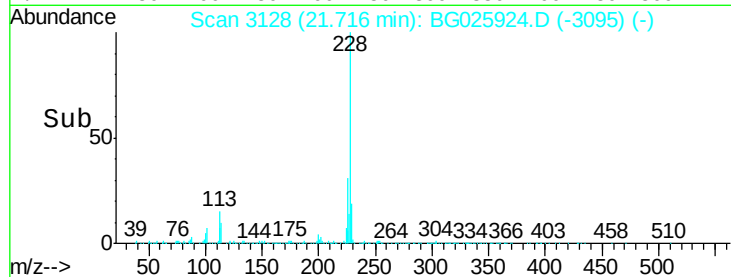
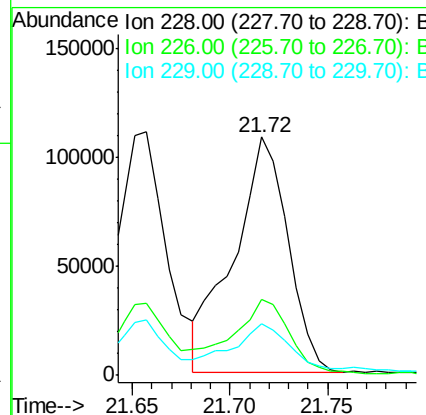
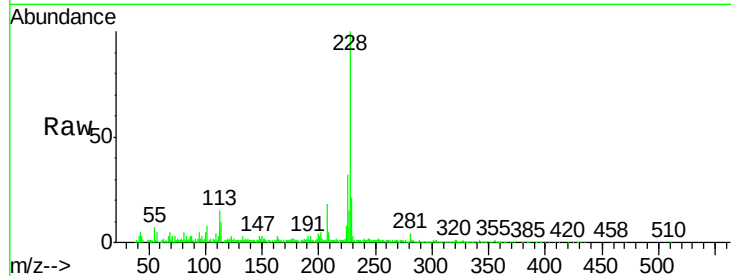
ClientSampleId :

DABC9

Tgt Ion:	228	Resp:	208460
Ion Ratio		Lower	Upper
228	100		
226	31.8	24.5	36.7
229	21.4	15.8	23.8

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#23

Benzo(b)fluoranthene

Concen: 7.99 ng/ul

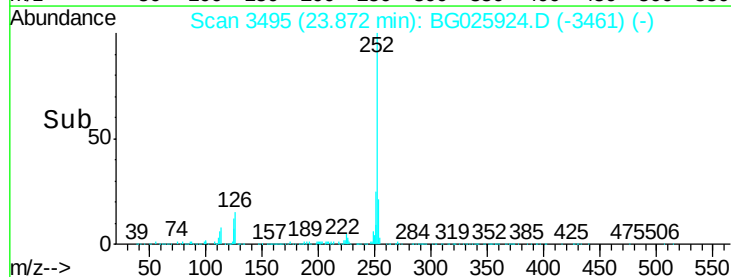
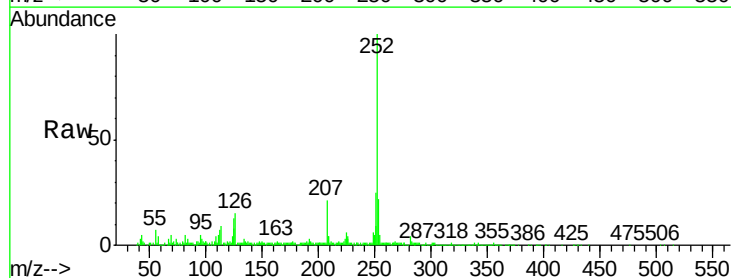
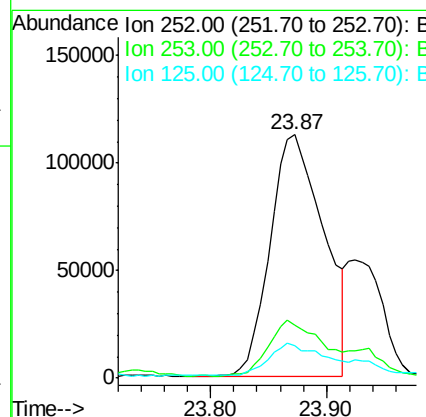
RT: 23.87 min Scan# 3495

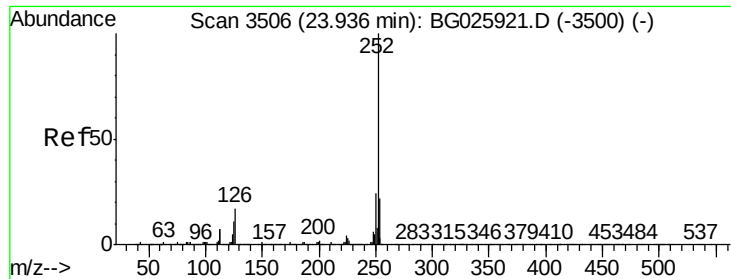
Delta R.T. 0.00 min

Lab File: BG025924.D

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Tgt Ion:	252	Resp:	365168
Ion Ratio		Lower	Upper
252	100		
253	21.7	18.0	27.0
125	13.5	8.0	12.0#





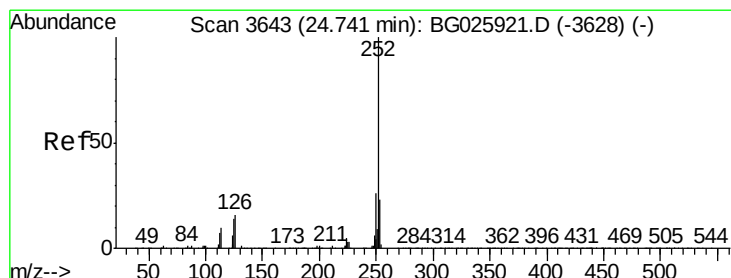
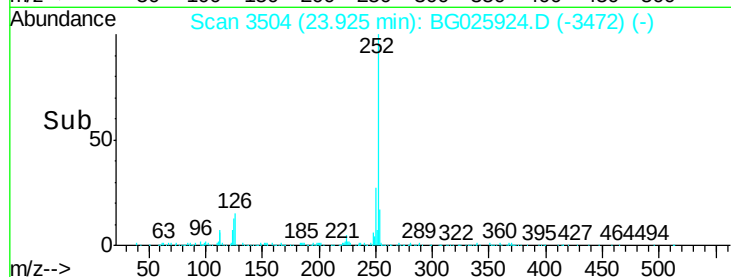
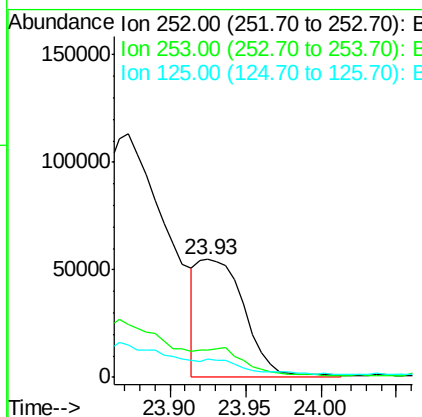
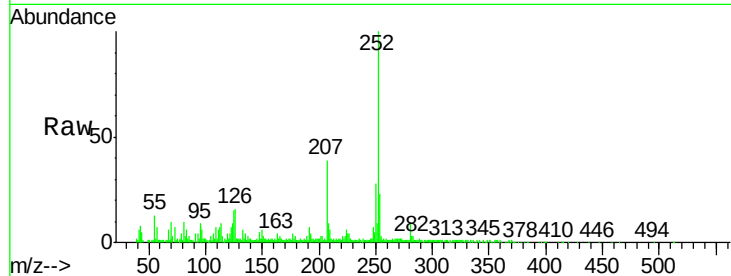
#24
Benzo(k)fluoranthene
Concen: 2.76 ng/ul m
RT: 23.93 min Scan# 3504
Delta R.T. -0.01 min
Lab File: BG025924.D
Acq: 22 Feb 2017 3:51

Instrument :
BNA_G
ClientSampleId :
DABC9

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.0	18.0	27.0
125	15.5	8.1	12.1

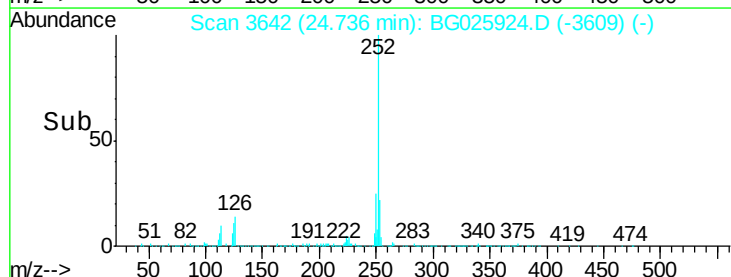
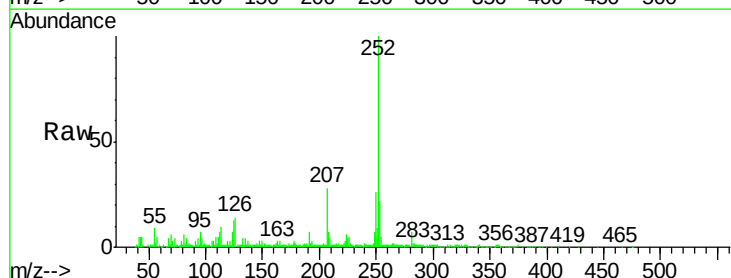
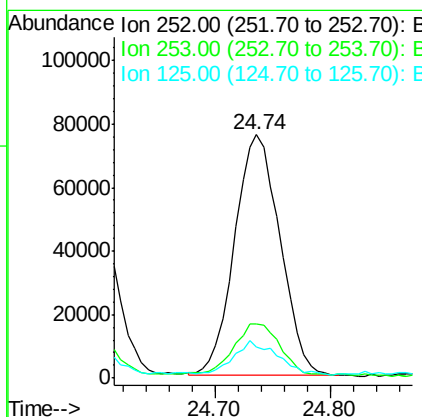
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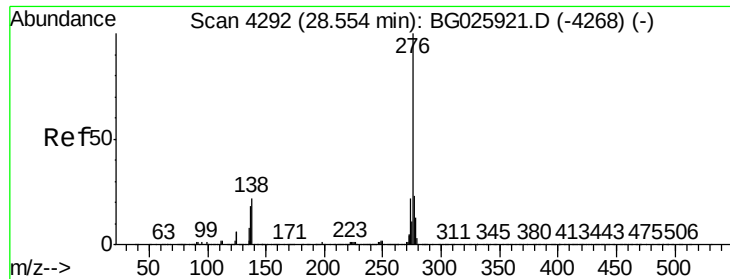
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#26
Benzo(a)pyrene
Concen: 4.69 ng/ul
RT: 24.74 min Scan# 3642
Delta R.T. -0.00 min
Lab File: BG025924.D
Acq: 22 Feb 2017 3:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.4	17.2	25.8
125	12.6	8.2	12.4





#27

Indeno(1,2,3-cd)pyrene

Concen: 3.24 ng/ul

RT: 28.54 min Scan# 4290

Delta R.T. -0.01 min

Lab File: BG025924.D

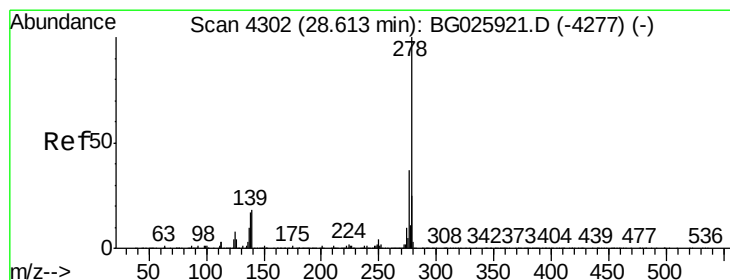
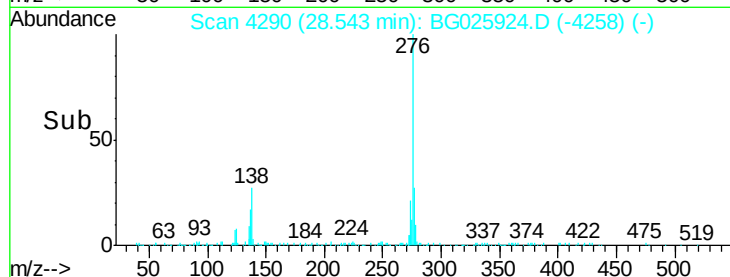
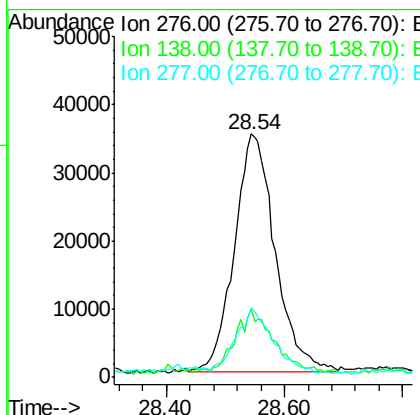
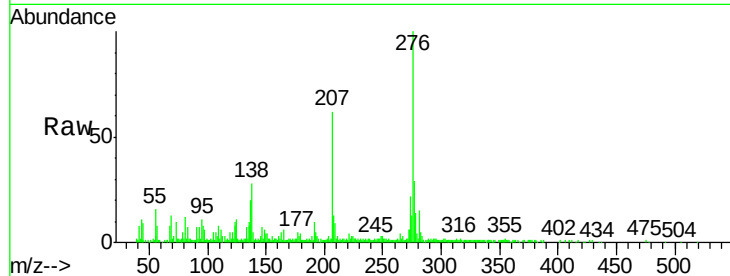
Acq: 22 Feb 2017 3:51

Instrument :
BNA_G
ClientSampleId :
DABC9

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	167830		
138	28.1	14.4	21.6#	
277	28.8	18.0	27.0#	

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#28

Dibenzo(a,h)anthracene

Concen: 1.18 ng/ul m

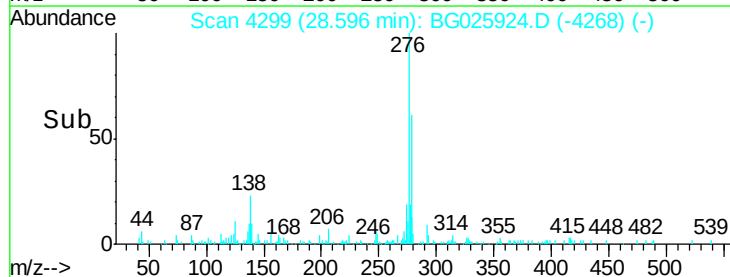
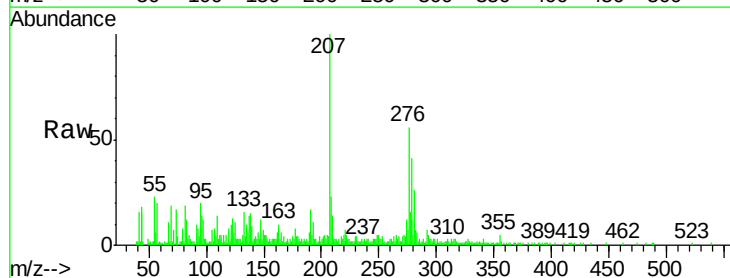
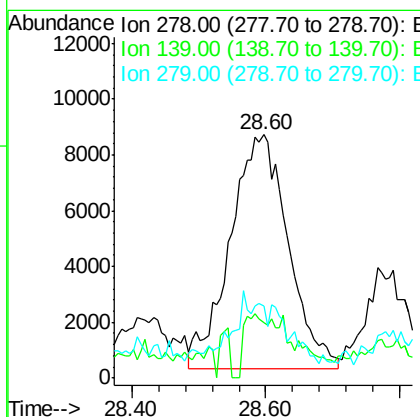
RT: 28.60 min Scan# 4299

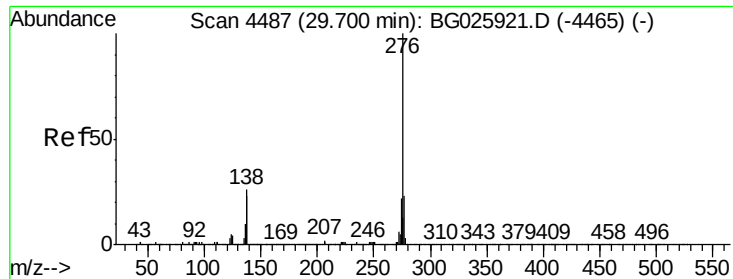
Delta R.T. -0.02 min

Lab File: BG025924.D

Acq: 22 Feb 2017 3:51

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	50761		
139	23.0	12.2	18.4#	
279	29.7	19.2	28.8#	





#29

Benzo(g,h,i)perylene

Concen: 3.63 ng/ul m

RT: 29.68 min Scan# 4484

Delta R.T. -0.02 min

Lab File: BG025924.D

Acq: 22 Feb 2017 3:51

Instrument :

BNA_G

ClientSampleId :

DABC9

Tgt Ion:	276	Resp:	155347
Ion Ratio	Lower	Upper	
276	100		
138	26.3	15.3	22.9#
277	25.9	19.0	28.4

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