

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022117\
 Data File : BG025930.D
 Acq On : 22 Feb 2017 7:48
 Operator : SJ/MA
 Sample : I1901-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DABE7

Manual Integrations
 APPROVED

mohammad
 2/22/2017 11:14:28 AM

Quant Time: Feb 22 10:42:19 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	141394	20.00	ng/ul	0.00
2) Naphthalene-d8	10.89	136	697208	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.69	164	398176	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.42	188	809646	20.00	ng/ul	0.00
17) Chrysene-d12	21.68	240	807739	20.00	ng/ul	0.00
22) Perylene-d12	24.89	264	783135	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.38	160	831671	25.22	ng/ul	0.00
10) Fluorene-d10	15.68	176	590923	23.34	ng/ul	0.00
14) Anthracene-d10	17.52	188	817398	22.33	ng/ul	0.00
18) Pyrene-d10	19.80	212	883906	22.70	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.67	264	818232	23.61	ng/ul	0.00
Target Compounds						
9) Acenaphthene	14.75	153	29246	1.21	ng/ul	Ovalue 95
13) Phenanthrene	17.46	178	550898	12.76	ng/ul	98
15) Anthracene	17.56	178	110291	2.51	ng/ul	98
16) Fluoranthene	19.47	202	851317	17.94	ng/ul	99
19) Pyrene	19.82	202	673644	13.78	ng/ul#	96
20) Benzo(a)anthracene	21.66	228	353329	7.78	ng/ul	95
21) Chrysene	21.72	228	347816	8.01	ng/ul	98
23) Benzo(b)fluoranthene	23.87	252	464426	10.26	ng/ul#	95
24) Benzo(k)fluoranthene	23.93	252	162184m	3.71	ng/ul	
26) Benzo(a)pyrene	24.74	252	294162	6.72	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	28.55	276	200024	3.90	ng/ul#	87
28) Dibenzo(a,h)anthracene	28.61	278	52646m	1.24	ng/ul	
29) Benzo(a,h,i)perylene	29.70	276	172931m	4.09	ng/ul	

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

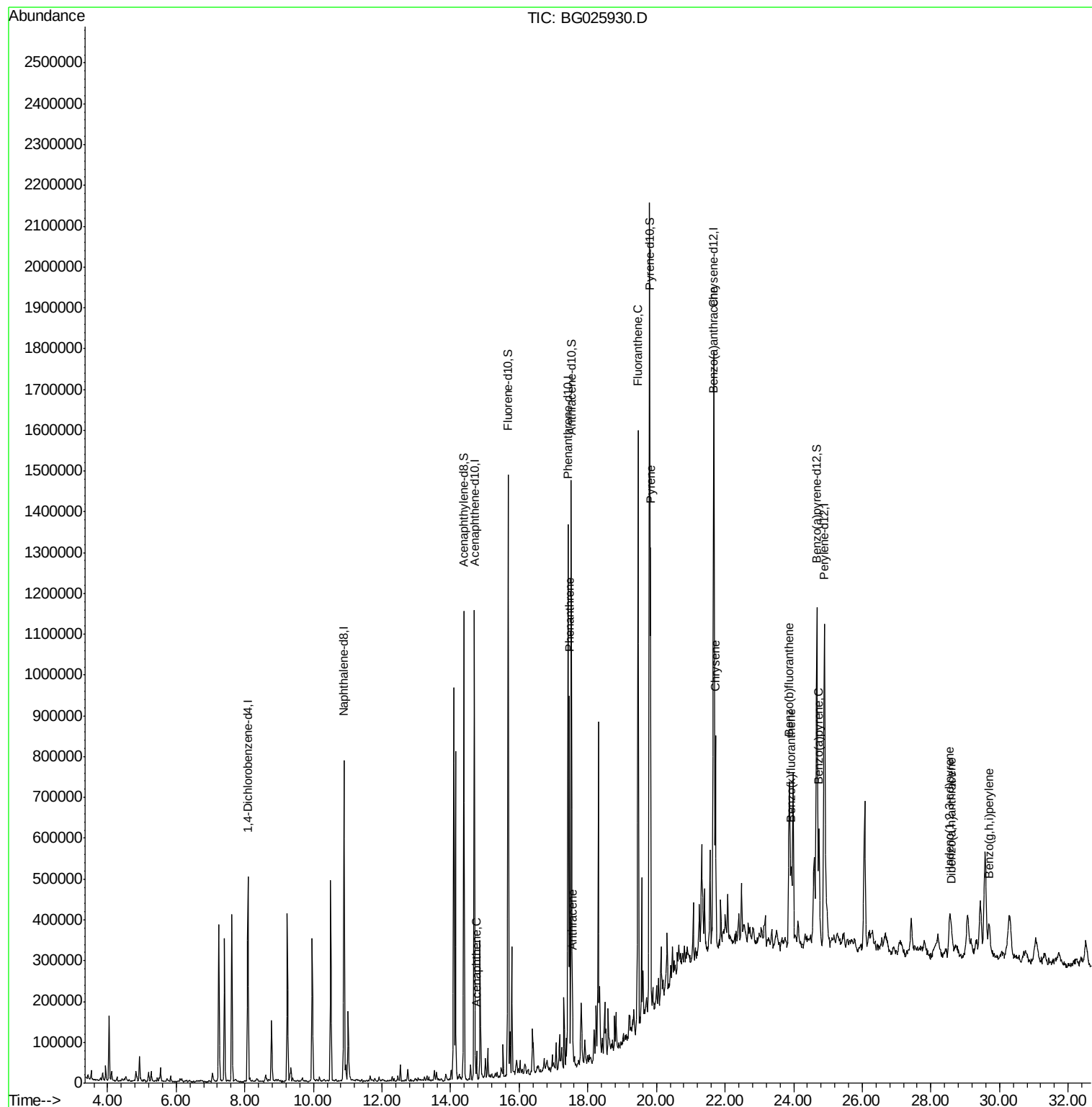
Data Path : Z:\HPCHEM1\BNA G\DATA\BG022117\
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ALS Vial : 33 Sample Multiplier: 1

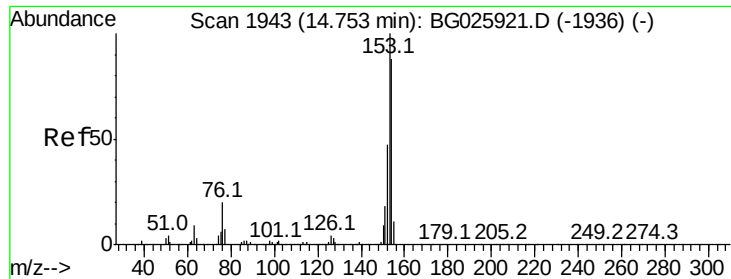
Instrument :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.3-EPA-BG021617MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 22 04:47:03 2017
Response via : Initial Calibration





#9

Acenaphthene

Concen: 1.21 ng/ul

RT: 14.75 min Scan# 1943

Delta R.T. 0.00 min

Lab File: BG025930.D

Acq: 22 Feb 2017 7:48

Instrument :

BNA_G

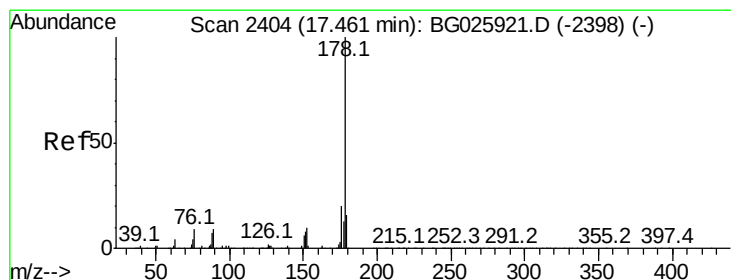
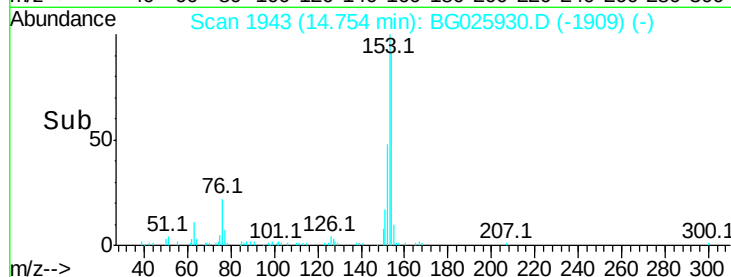
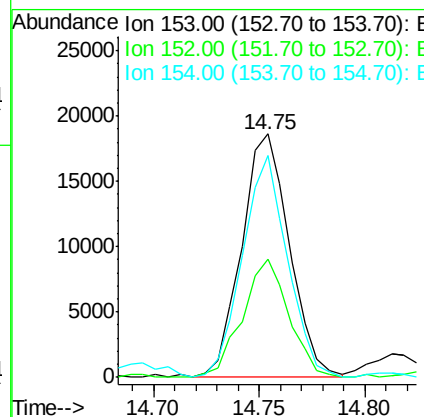
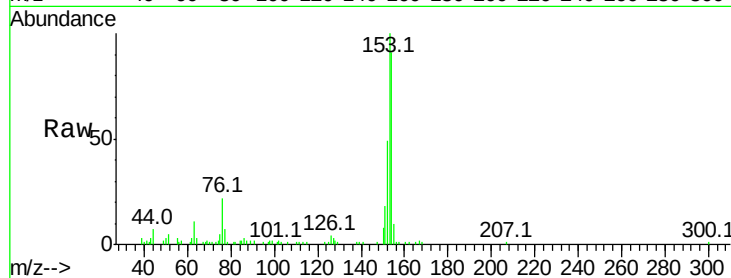
ClientSampled :

DABE7

Tot Ion:	153	Resp:	29246
Ion Ratio	Lower	Upper	
153	100		
152	48.6	39.0	58.6
154	91.2	66.8	100.2

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#13

Phenanthrene

Concen: 12.76 ng/ul

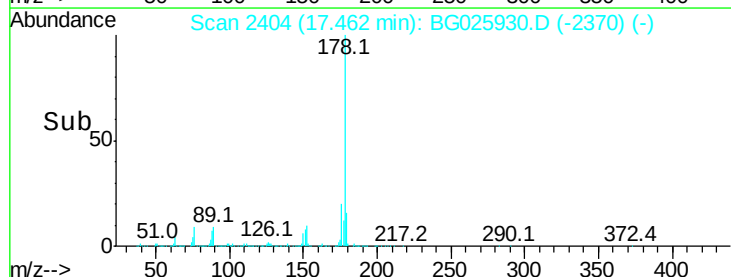
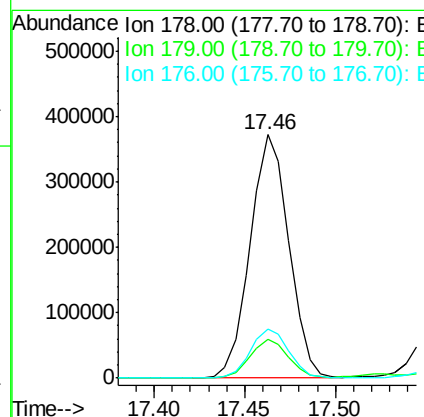
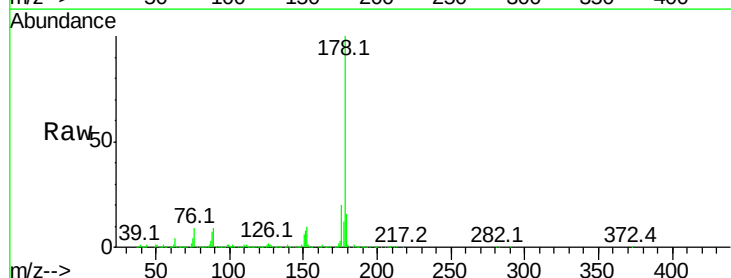
RT: 17.46 min Scan# 2404

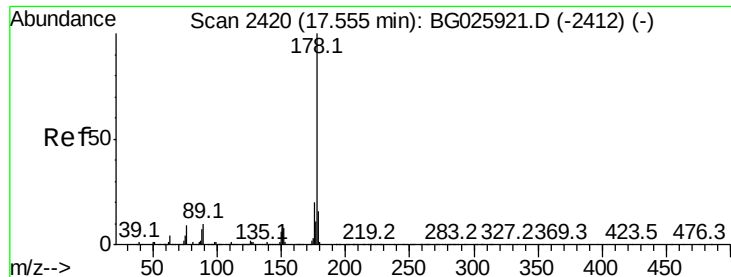
Delta R.T. 0.00 min

Lab File: BG025930.D

Acq: 22 Feb 2017 7:48

Tgt Ion:	178	Resp:	550898
Ion Ratio	Lower	Upper	
178	100		
179	16.1	12.3	18.5
176	20.1	15.1	22.7





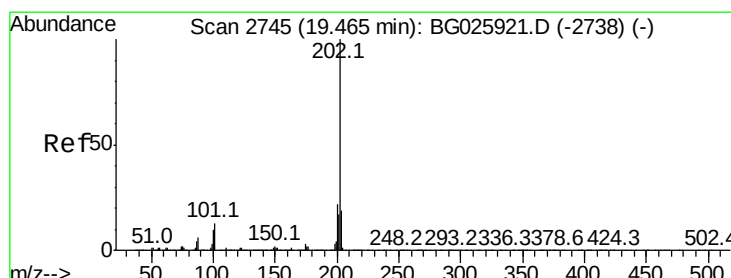
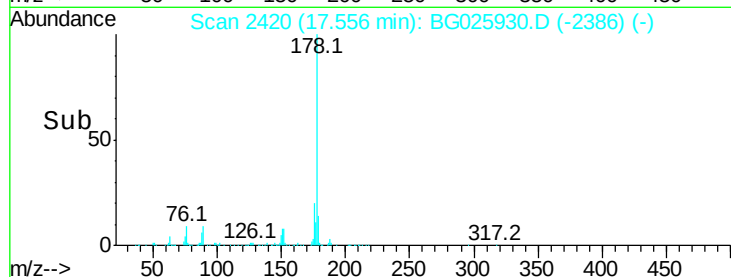
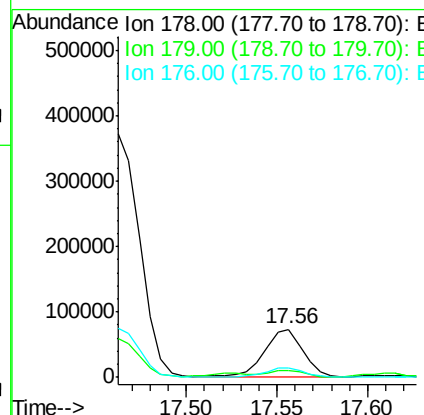
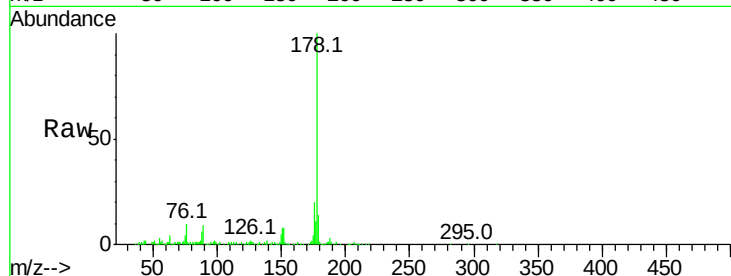
#15
 Anthracene
 Concen: 2.51 ng/ul
 RT: 17.56 min Scan# 2420
 Delta R.T. 0.00 min
 Lab File: BG025930.D
 Acq: 22 Feb 2017 7:48

Instrument :
 BNA_G
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
178	100		
179	14.3	11.8	17.8
176	19.9	15.2	22.8

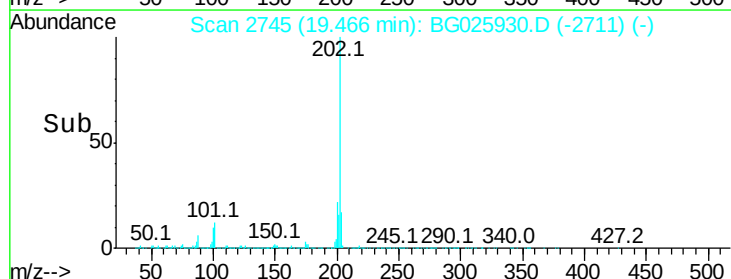
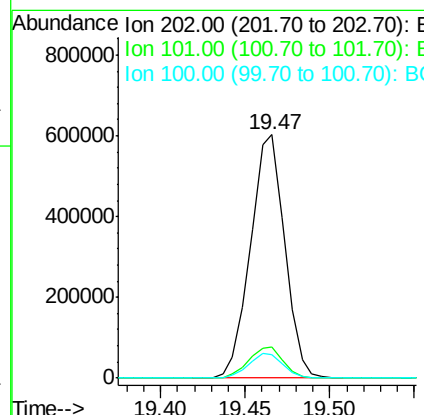
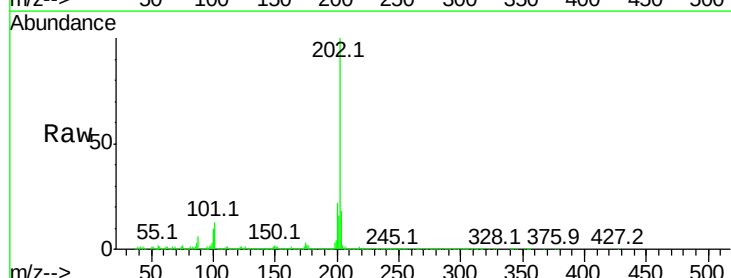
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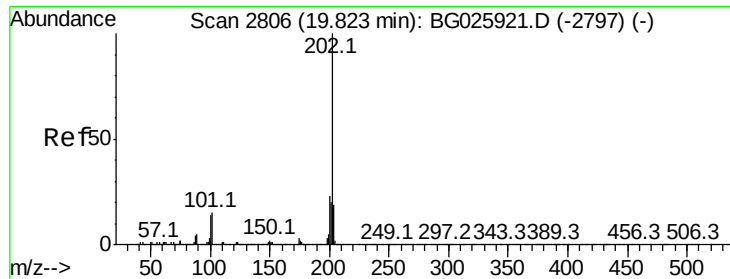
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#16
 Fluoranthene
 Concen: 17.94 ng/ul
 RT: 19.47 min Scan# 2745
 Delta R.T. 0.00 min
 Lab File: BG025930.D
 Acq: 22 Feb 2017 7:48

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.6	9.9	14.9
100	9.8	7.4	11.0





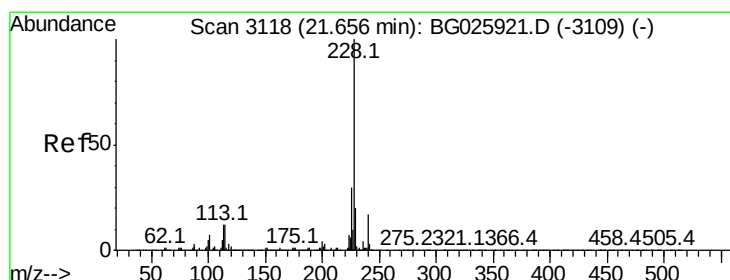
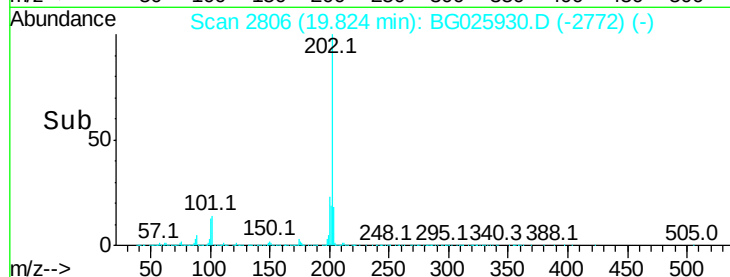
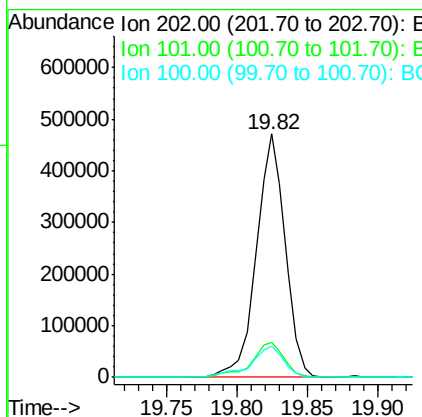
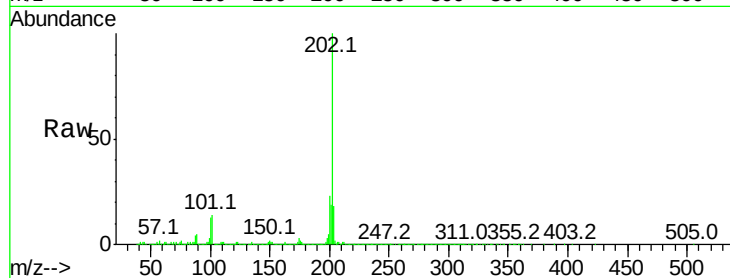
#19
Pvrene
Concen: 13.78 ng/ul
RT: 19.82 min Scan# 2806
Delta R.T. 0.00 min
Lab File: BG025930.D
Acq: 22 Feb 2017 7:48

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.5	11.0	16.4
100	12.6	8.1	12.1

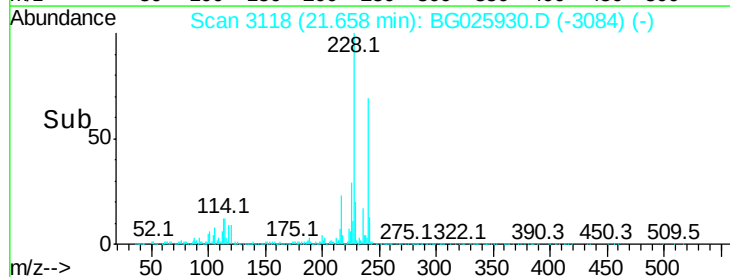
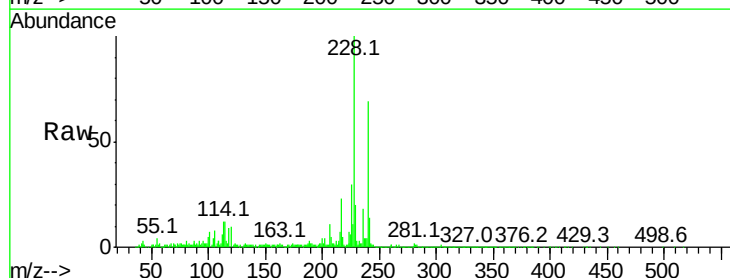
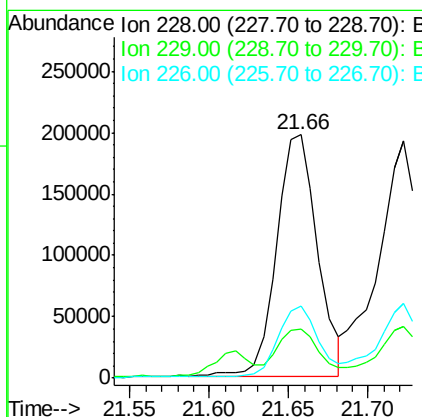
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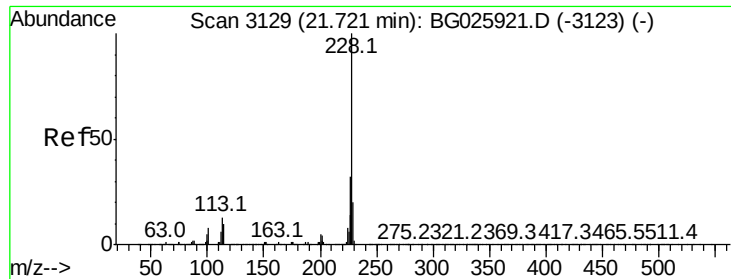
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#20
Benzo(a)anthracene
Concen: 7.78 ng/ul
RT: 21.66 min Scan# 3118
Delta R.T. 0.00 min
Lab File: BG025930.D
Acq: 22 Feb 2017 7:48

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.4	15.7	23.5
226	29.8	21.1	31.7





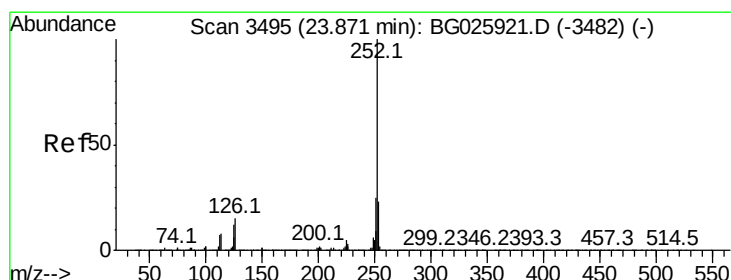
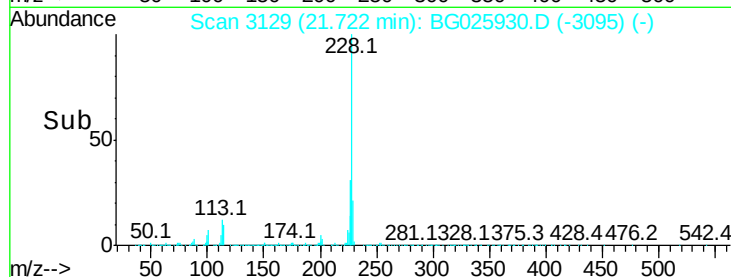
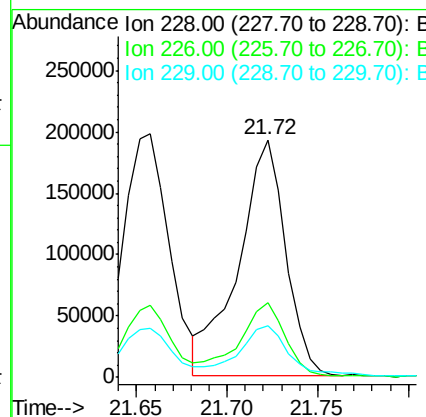
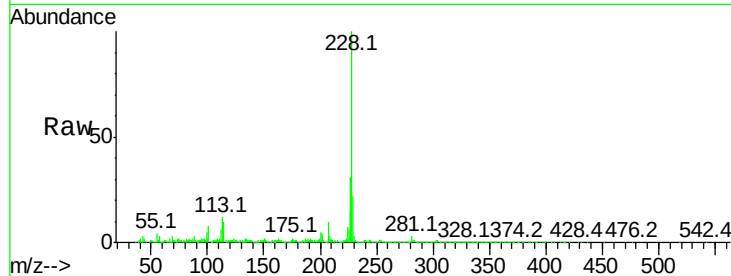
#21
Chrysene
Concen: 8.01 ng/ul
RT: 21.72 min Scan# 3129
Delta R.T. 0.00 min
Lab File: BG025930.D
Acq: 22 Feb 2017 7:48

Instrument :
BNA_G
ClientSampleId :
DABE7

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.5	36.7
229	21.6	15.8	23.8

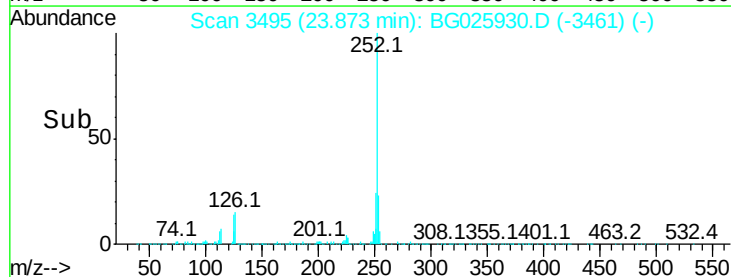
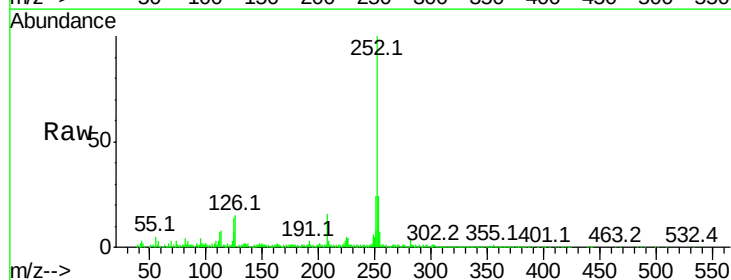
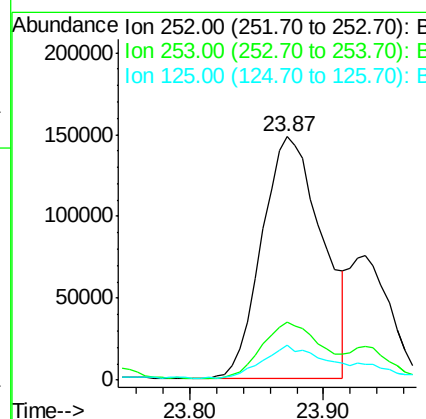
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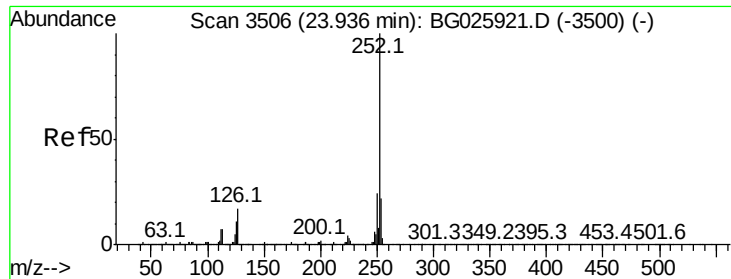
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#23
Benzo(b)fluoranthene
Concen: 10.26 ng/ul
RT: 23.87 min Scan# 3495
Delta R.T. 0.00 min
Lab File: BG025930.D
Acq: 22 Feb 2017 7:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.0	27.0
125	14.3	8.0	12.0





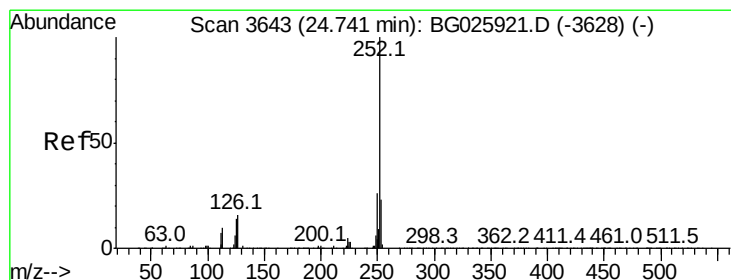
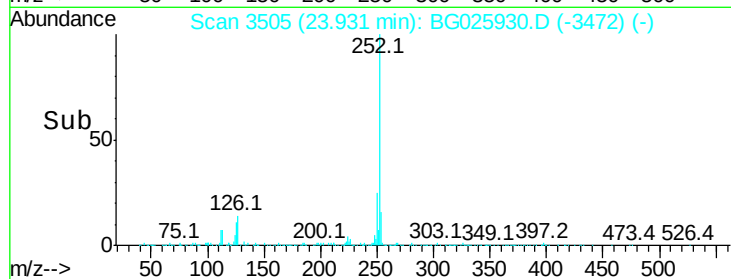
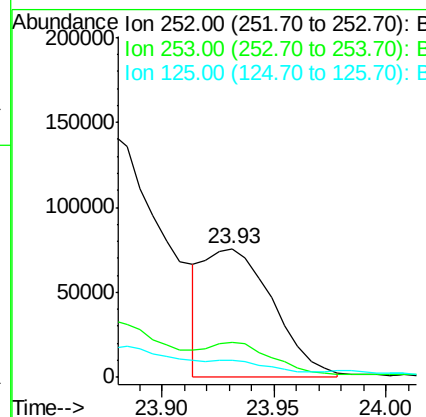
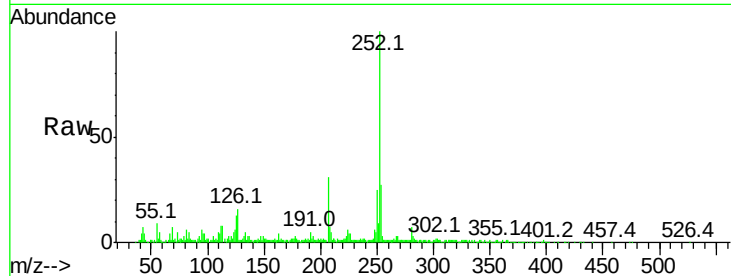
#24
Benzo(k)fluoranthene
Concen: 3.71 ng/ul m
RT: 23.93 min Scan# 3505
Delta R.T. -0.00 min
Lab File: BG025930.D
Acq: 22 Feb 2017 7:48

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
252	100		
253	26.8	18.0	27.0
125	12.8	8.1	12.1#

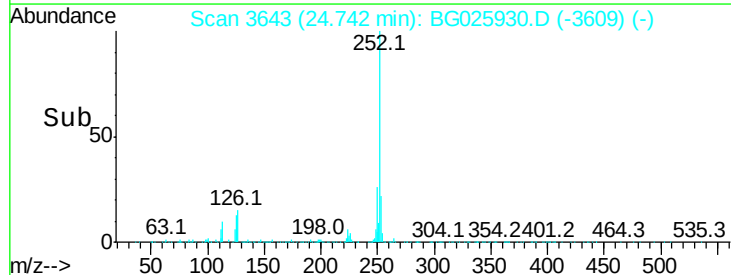
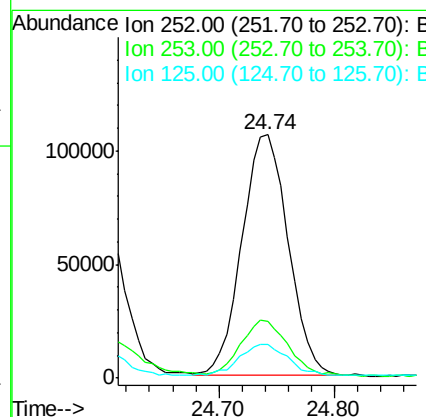
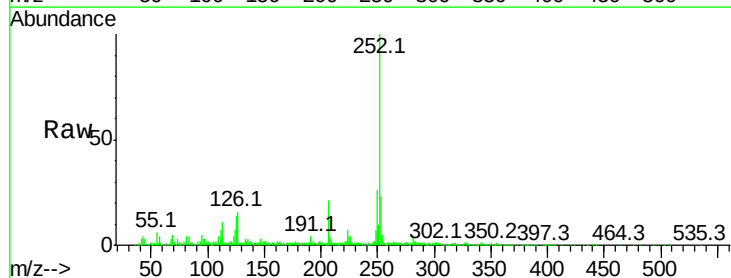
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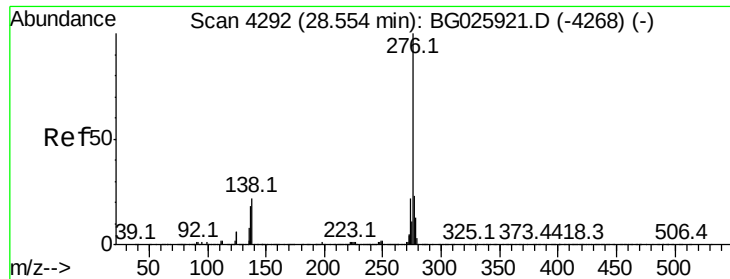
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#26
Benzo(a)pyrene
Concen: 6.72 ng/ul
RT: 24.74 min Scan# 3643
Delta R.T. 0.00 min
Lab File: BG025930.D
Acq: 22 Feb 2017 7:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.2	25.8
125	13.7	8.2	12.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 3.90 ng/ul

RT: 28.55 min Scan# 4291

Delta R.T. -0.00 min

Lab File: BG025930.D

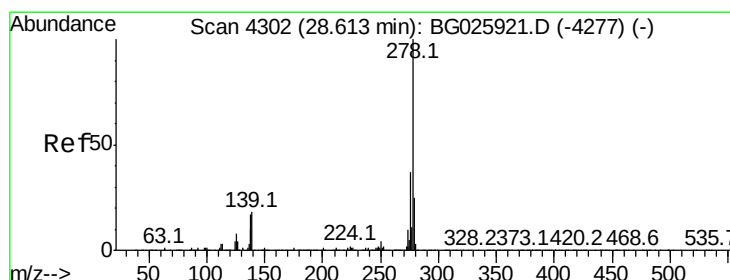
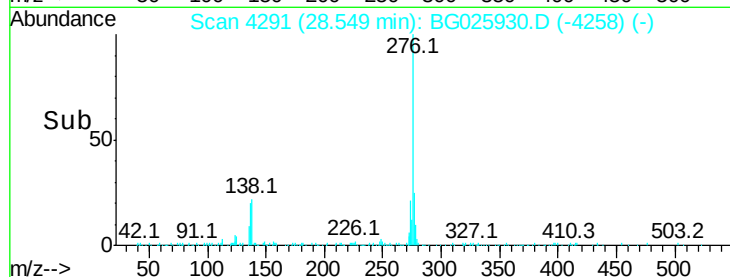
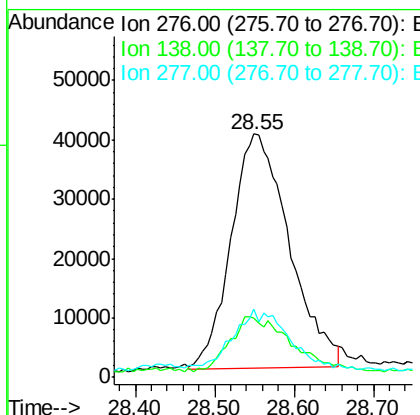
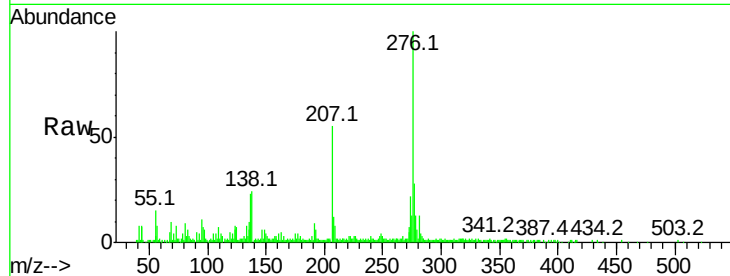
Acq: 22 Feb 2017 7:48

Instrument :
BNA_G
ClientSampleId :
DABE7

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.4	14.4	21.6#
277	27.9	18.0	27.0#

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#28

Dibenzo(a,h)anthracene

Concen: 1.24 ng/ul m

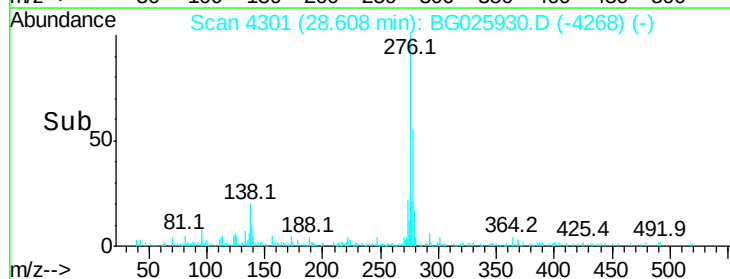
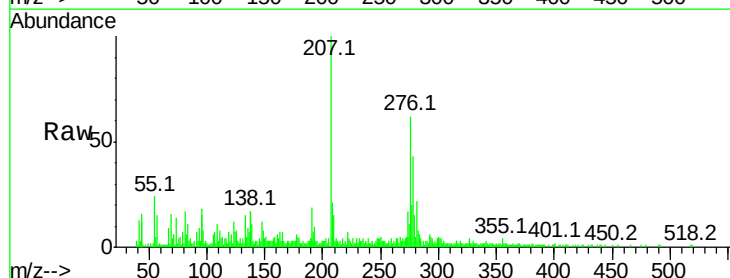
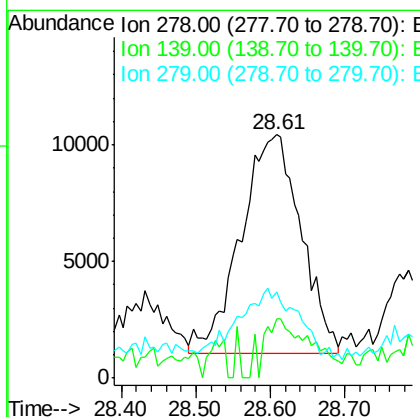
RT: 28.61 min Scan# 4301

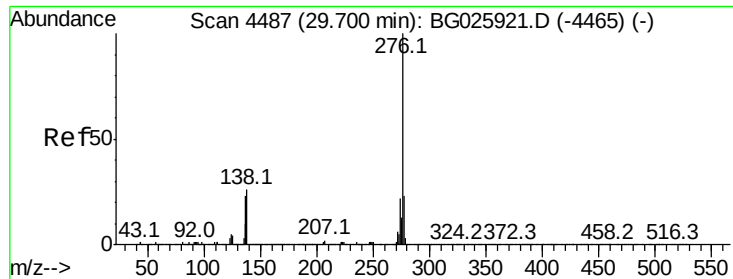
Delta R.T. -0.00 min

Lab File: BG025930.D

Acq: 22 Feb 2017 7:48

Tgt Ion	Ratio	Lower	Upper
278	100		
139	24.6	12.2	18.4#
279	35.5	19.2	28.8#





#29

Benzo(a,h,i)perylene

Concen: 4.09 ng/ul m

RT: 29.70 min Scan# 4487

Delta R.T. 0.00 min

Lab File: BG025930.D

Acq: 22 Feb 2017 7:48

Instrument :

BNA_G

ClientSampleId :

DABE7

Tot Ion:	276	Resp:	172931
Ion Ratio	Lower	Upper	
276	100		
138	25.3	15.3	22.9#
277	25.5	19.0	28.4

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