

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022117\
 Data File : BG025931.D
 Acq On : 22 Feb 2017 8:28
 Operator : SJ/MA
 Sample : I1901-02
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DABE8

Manual Integrations
 APPROVED

mohammad
 2/22/2017 11:14:30 AM

Quant Time: Feb 22 10:51:15 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	166812	20.00	ng/ul	0.00
2) Naphthalene-d8	10.89	136	753734	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.69	164	420908	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.42	188	844426	20.00	ng/ul	0.00
17) Chrysene-d12	21.67	240	839719	20.00	ng/ul	0.00
22) Perylene-d12	24.90	264	804619	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.38	160	531999	15.26	ng/ul	0.00
10) Fluorene-d10	15.68	176	384314	14.36	ng/ul	0.00
14) Anthracene-d10	17.52	188	538164	14.10	ng/ul	0.00
18) Pyrene-d10	19.79	212	542425	13.40	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.68	264	490878	13.79	ng/ul	0.00
Target Compounds						
13) Phenanthrene	17.46	178	49691	1.10	ng/ul	Ovalue 96
16) Fluoranthene	19.47	202	101265	2.05	ng/ul	99
19) Pyrene	19.82	202	92308	1.82	ng/ul	98
20) Benzo(a)anthracene	21.66	228	54743	1.16	ng/ul#	85
21) Chrysene	21.72	228	67294	1.49	ng/ul#	93
23) Benzo(b)fluoranthene	23.88	252	95387	2.05	ng/ul#	80
26) Benzo(a)pyrene	24.75	252	58435	1.30	ng/ul#	71
29) Benzo(g,h,i)perylene	29.72	276	44392m	1.02	ng/ul	

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

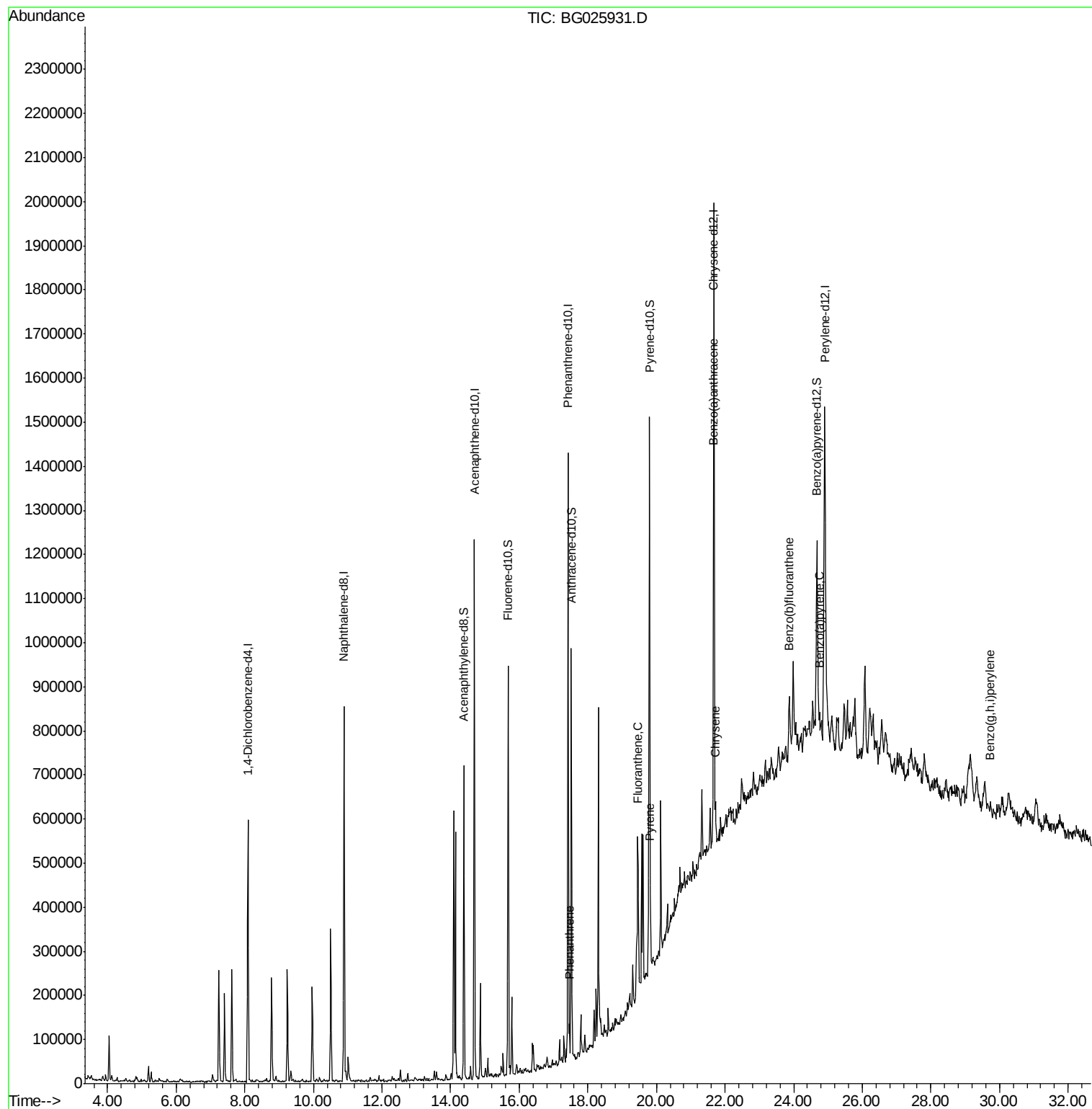
Data Path : Z:\HPCHEM1\BNA G\DATA\BG022117\
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Misc :
ALS Vial : 34 Sample Multiplier: 1

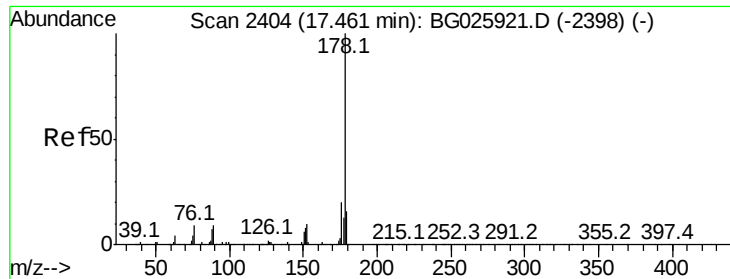
Instrument :
BNA_G
ClientSampleId :
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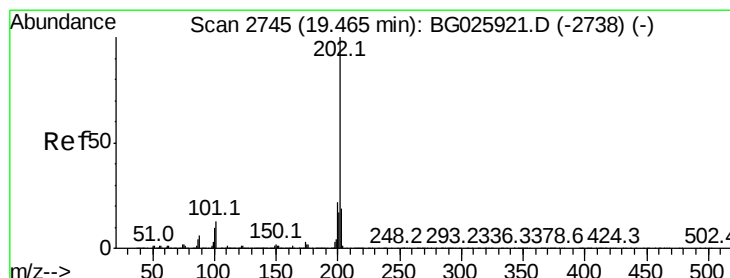
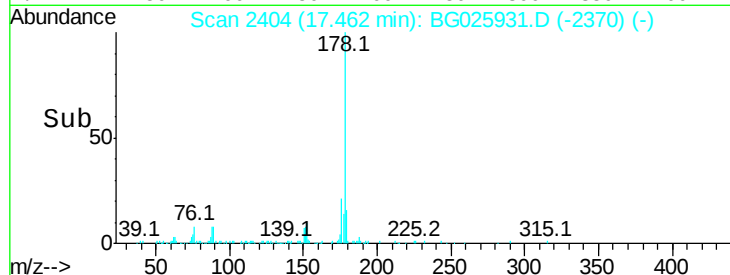
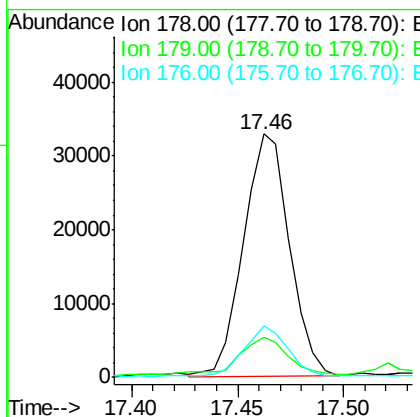
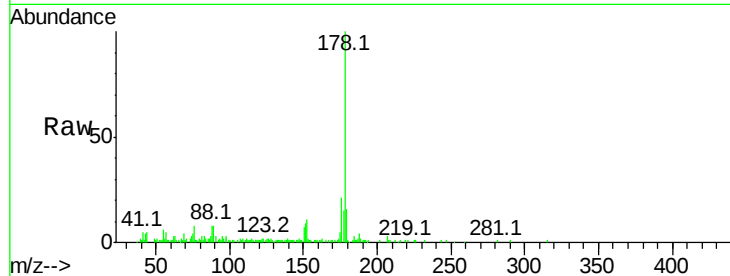
#13
Phenanthrene
Concen: 1.10 ng/ul
RT: 17.46 min Scan# 2404
Delta R.T. 0.00 min
Lab File: BG025931.D
Acq: 22 Feb 2017 8:28

Instrument :
BNA_G
ClientSampleId :
DABE8

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.3	18.5
176	21.4	15.1	22.7

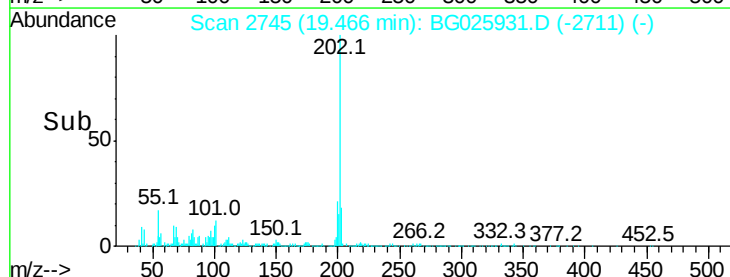
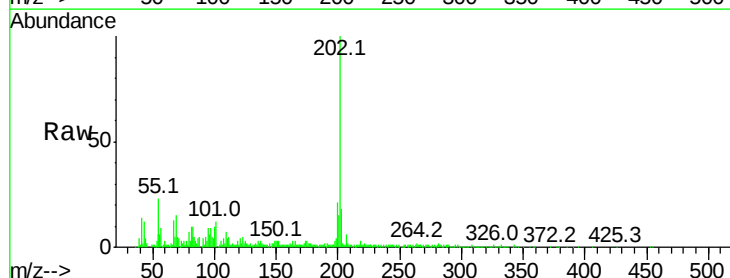
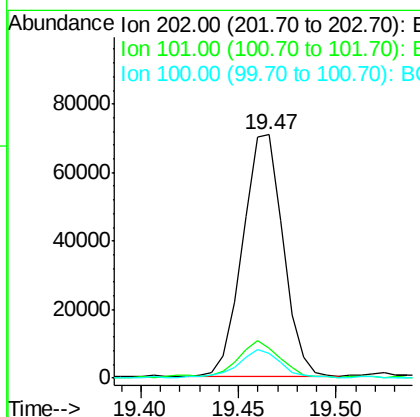
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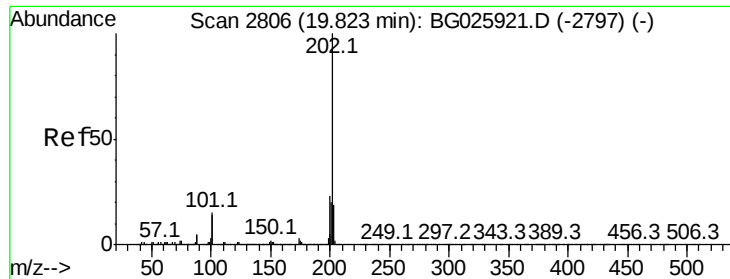
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#16
Fluoranthene
Concen: 2.05 ng/ul
RT: 19.47 min Scan# 2745
Delta R.T. 0.00 min
Lab File: BG025931.D
Acq: 22 Feb 2017 8:28

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.9	14.9
100	10.2	7.4	11.0





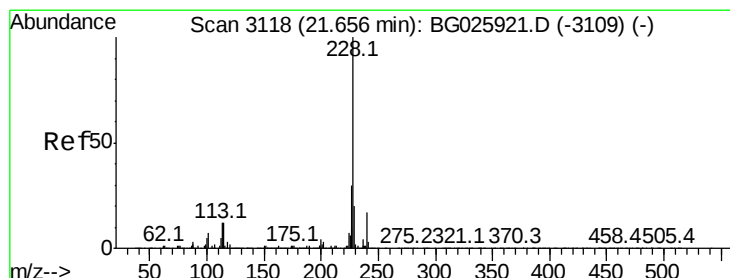
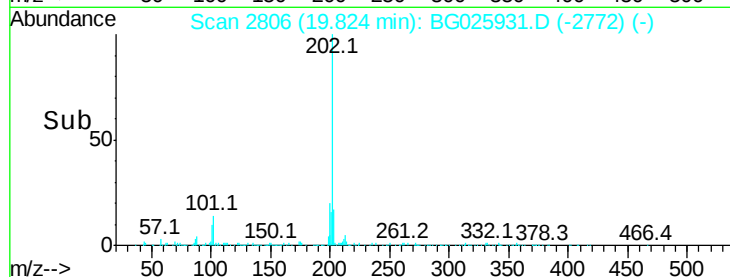
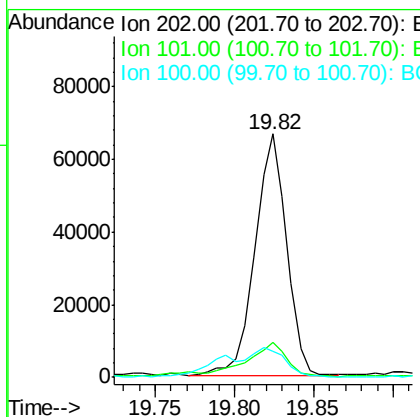
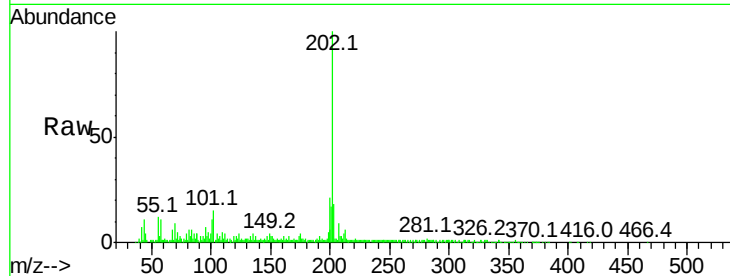
#19
Pvrene
Concen: 1.82 ng/ul
RT: 19.82 min Scan# 2806
Delta R.T. 0.00 min
Lab File: BG025931.D
Acq: 22 Feb 2017 8:28

Instrument :
BNA_G
ClientSampleId :
DABE8

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.5	11.0	16.4
100	10.9	8.1	12.1

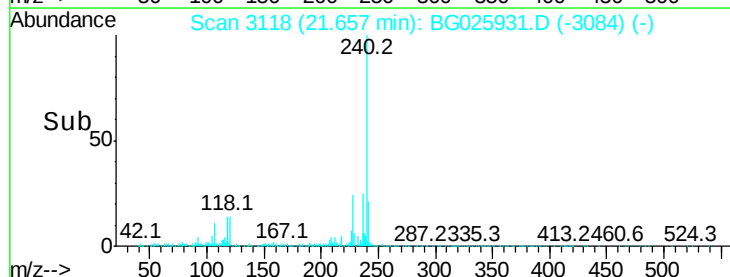
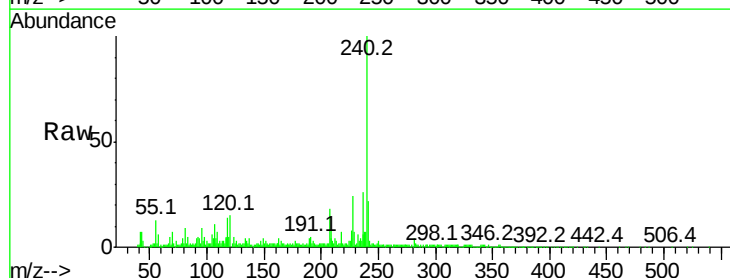
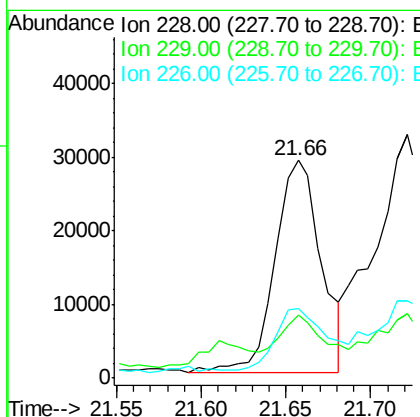
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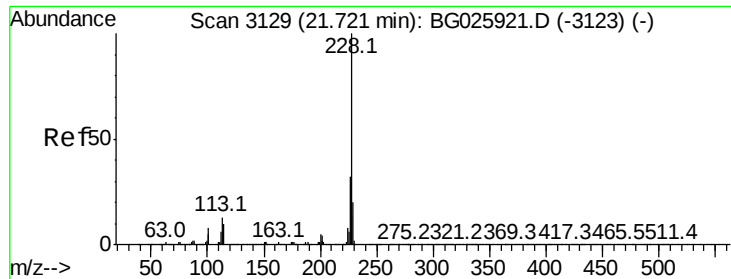
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#20
Benzo(a)anthracene
Concen: 1.16 ng/ul
RT: 21.66 min Scan# 3118
Delta R.T. 0.00 min
Lab File: BG025931.D
Acq: 22 Feb 2017 8:28

Tgt Ion	Ratio	Lower	Upper
228	100		
229	28.8	15.7	23.5#
226	32.1	21.1	31.7#





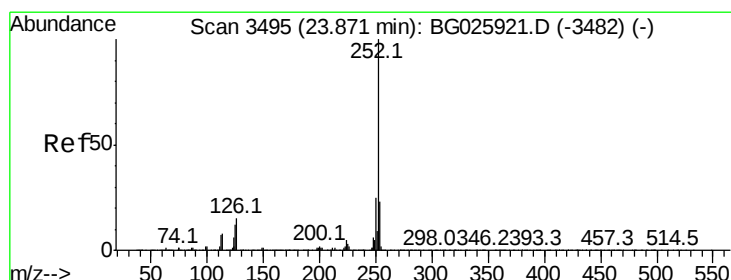
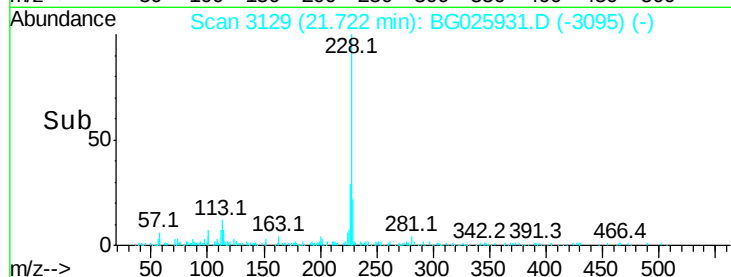
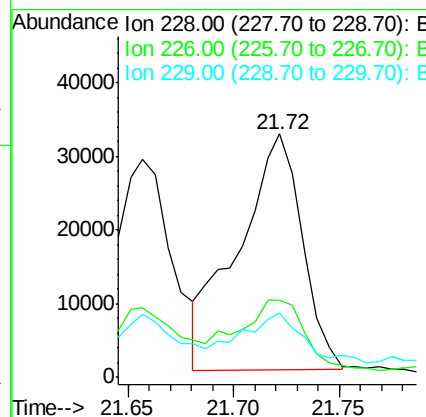
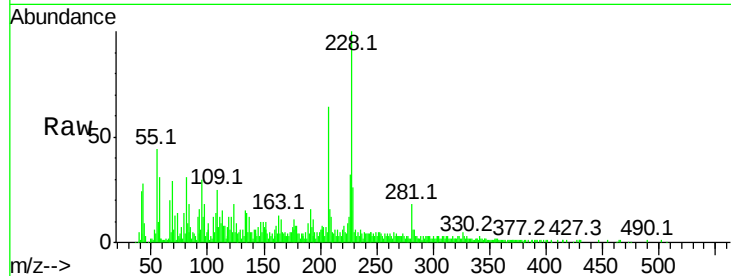
#21
Chrysene
Concen: 1.49 ng/ul
RT: 21.72 min Scan# 3129
Delta R.T. 0.00 min
Lab File: BG025931.D
Acq: 22 Feb 2017 8:28

Instrument :
BNA_G
ClientSampleId :
DABE8

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.5	36.7
229	26.3	15.8	23.8

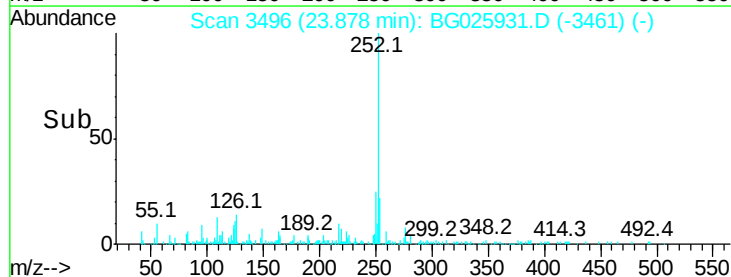
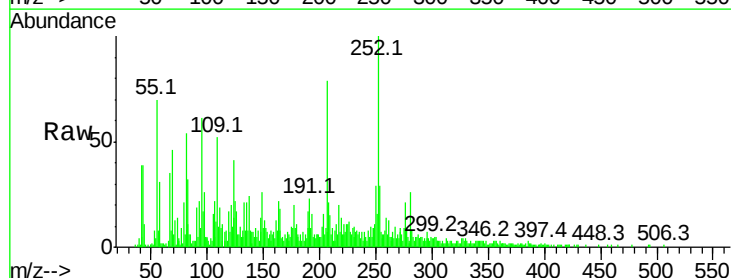
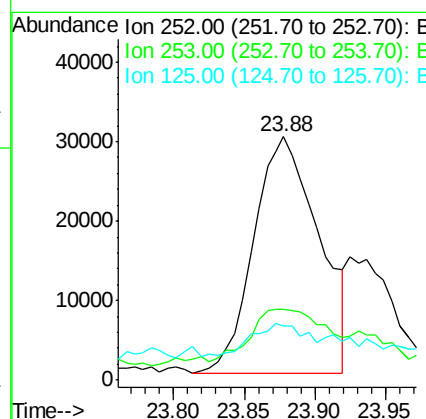
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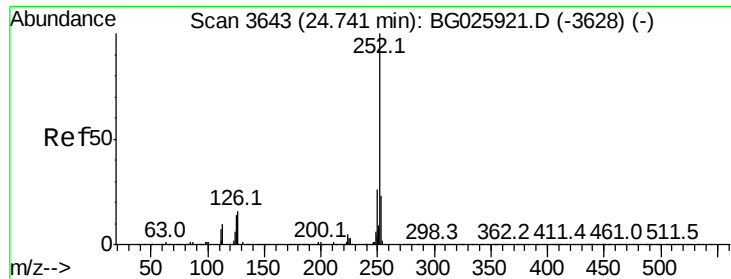
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#23
Benzo(b)fluoranthene
Concen: 2.05 ng/ul
RT: 23.88 min Scan# 3496
Delta R.T. 0.01 min
Lab File: BG025931.D
Acq: 22 Feb 2017 8:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.9	18.0	27.0
125	22.4	8.0	12.0





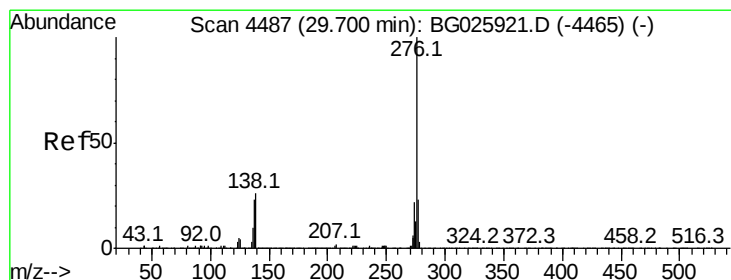
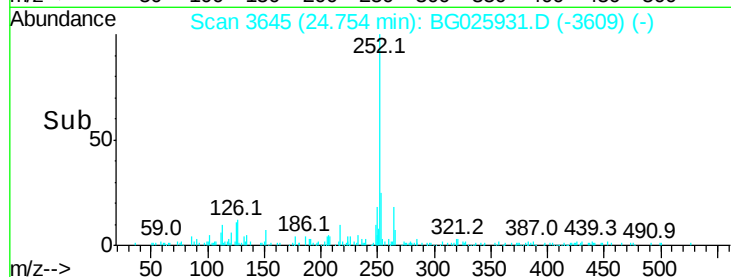
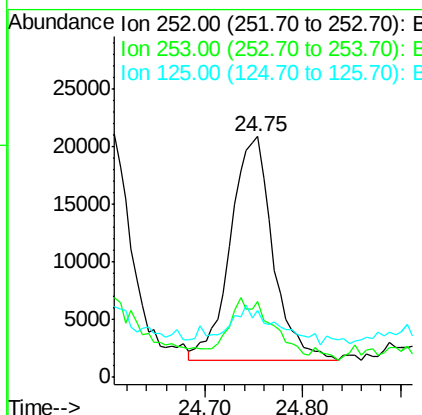
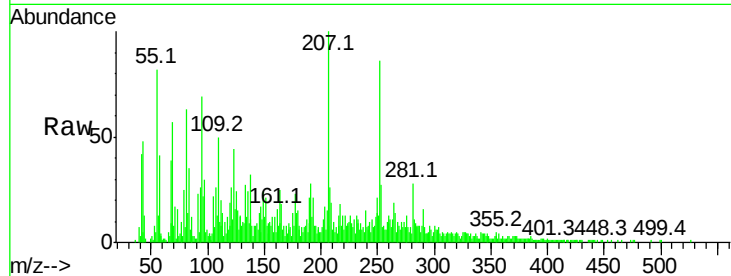
#26
Benzo(a)pyrene
Concen: 1.30 ng/ul
RT: 24.75 min Scan# 3645
Delta R.T. 0.01 min
Lab File: BG025931.D
Acq: 22 Feb 2017 8:28

Instrument :
BNA_G
ClientSampleId :
DABE8

Tot Ion	Ratio	Lower	Upper
252	100		
253	31.5	17.2	25.8#
125	27.8	8.2	12.4#

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 1.02 ng/ul m
RT: 29.72 min Scan# 4491
Delta R.T. 0.02 min
Lab File: BG025931.D
Acq: 22 Feb 2017 8:28

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.2	15.3	22.9#
277	34.7	19.0	28.4#

