

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022117\
 Data File : BG025910.D
 Acq On : 21 Feb 2017 18:32
 Operator : SJ/MA
 Sample : I1900-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DABD8

Manual Integrations
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Quant Time: Feb 21 23:53:34 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.3-EPA-BG021617MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 21 23:44:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	123478	20.00	ng/ul	0.00
2) Naphthalene-d8	10.89	136	603859	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.69	164	367421	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.42	188	813354	20.00	ng/ul	0.00
17) Chrysene-d12	21.67	240	832603	20.00	ng/ul	0.00
22) Perylene-d12	24.88	264	800403	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.38	160	689858	22.67	ng/ul	0.00
10) Fluorene-d10	15.67	176	521779	22.33	ng/ul	0.00
14) Anthracene-d10	17.52	188	766282	20.84	ng/ul	0.00
18) Pyrene-d10	19.79	212	803245	20.02	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.66	264	738983	20.86	ng/ul	0.00
Target Compounds						
13) Phenanthrene	17.46	178	44973	1.04	ng/ul	Ovalue 99
16) Fluoranthene	19.46	202	367459	7.71	ng/ul	98
20) Benzo(a)anthracene	21.65	228	216595	4.62	ng/ul	97
21) Chrysene	21.71	228	201588	4.50	ng/ul	96
23) Benzo(b)fluoranthene	23.86	252	272715	5.90	ng/ul#	95
24) Benzo(k)fluoranthene	23.92	252	94259m	2.11	ng/ul	
26) Benzo(a)pyrene	24.72	252	190562	4.26	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	28.52	276	134653	2.57	ng/ul#	92
29) Benzo(g,h,i)perylene	29.67	276	113565m	2.63	ng/ul	

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

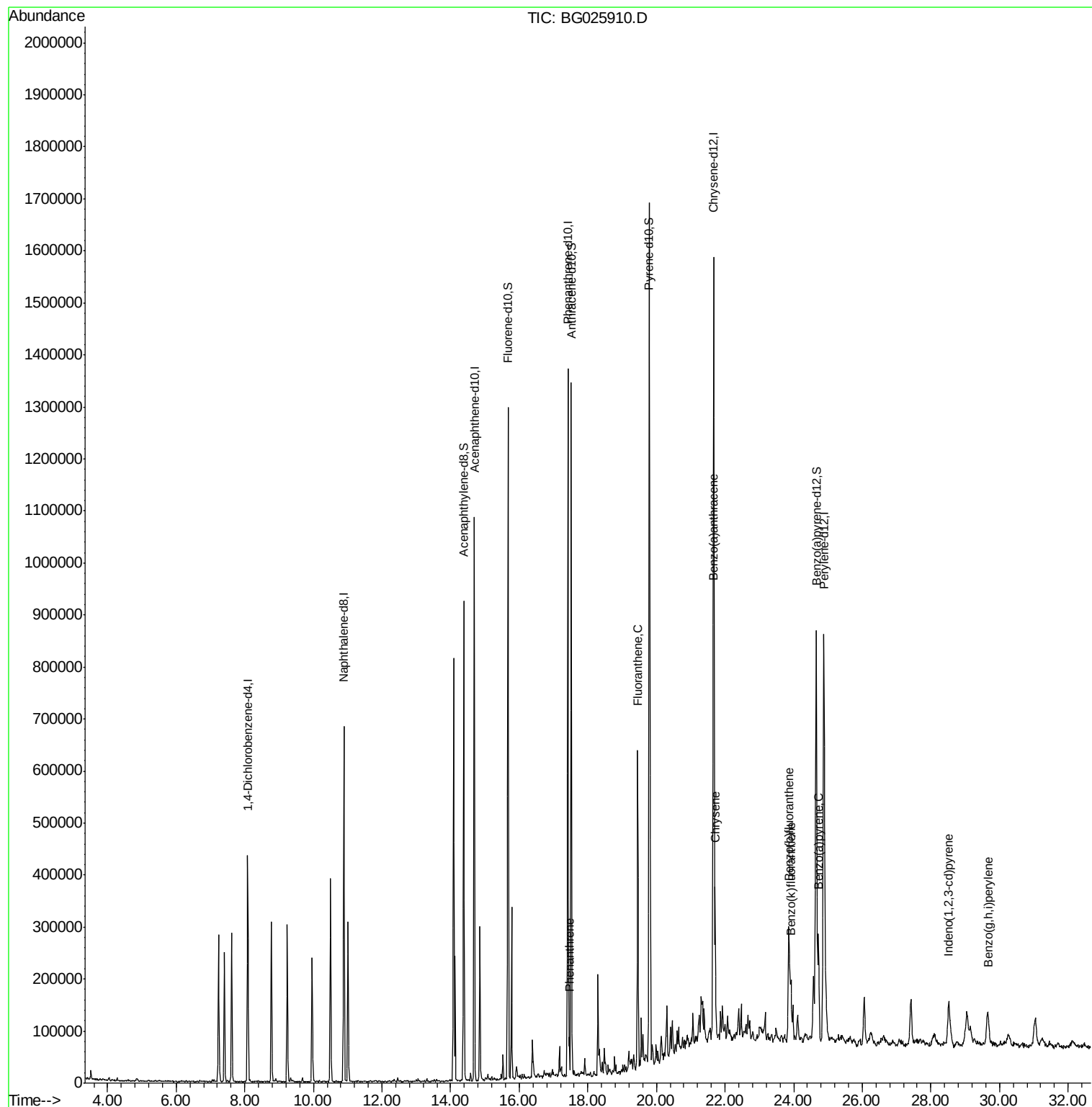
Data Path : Z:\HPCHEM1\BNA G\DATA\BG022117\
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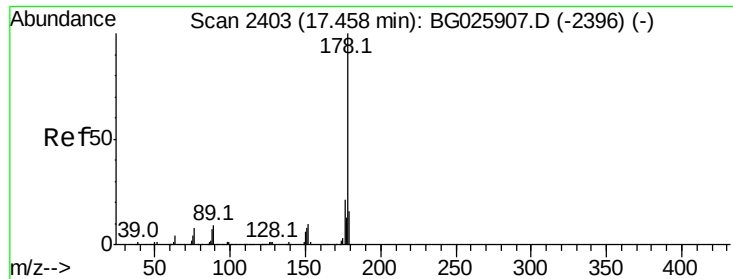
Instrument :
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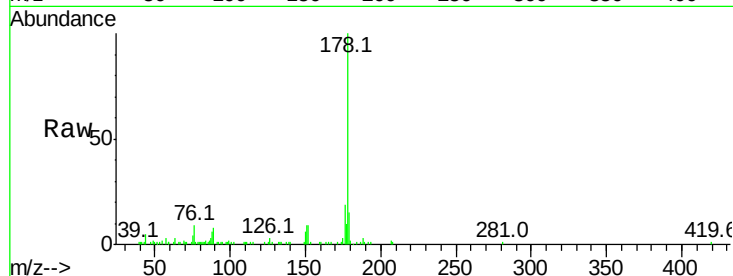
#13
Phenanthrene
Concen: 1.04 ng/ul
RT: 17.46 min Scan# 2403
Delta R.T. -0.00 min
Lab File: BG025910.D
Acq: 21 Feb 2017 18:32

Instrument :
BNA_G
ClientSampleId :
DABD8

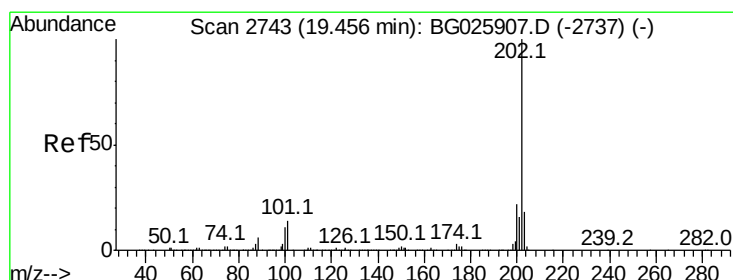
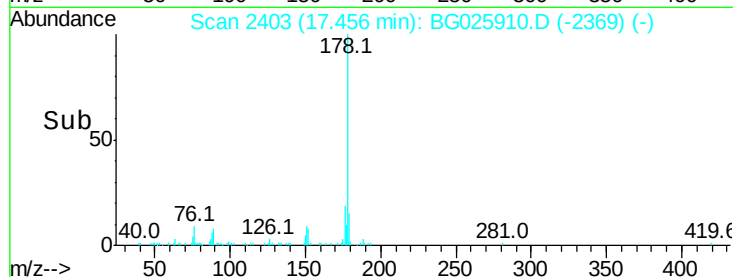
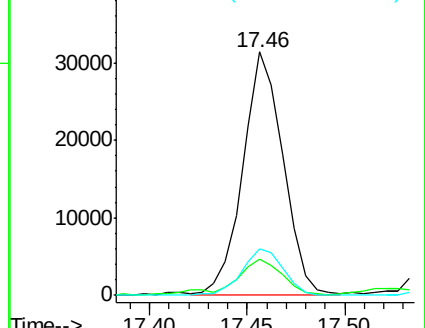
Tot Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.3	18.5
176	19.2	15.1	22.7

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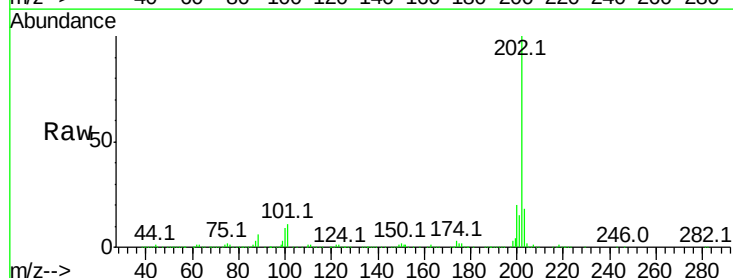


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

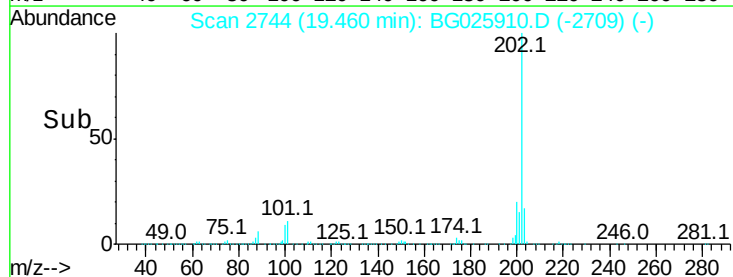
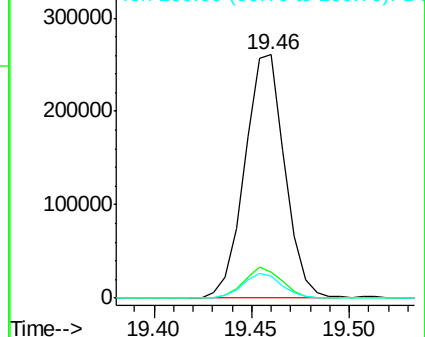


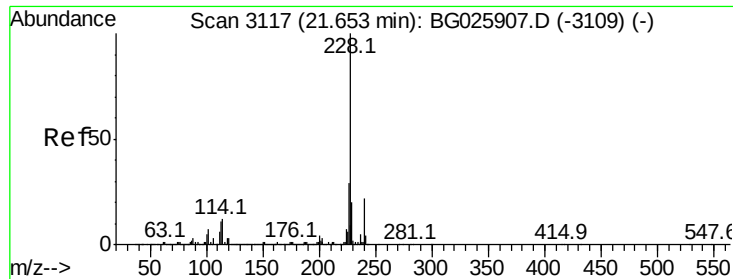
#16
Fluoranthene
Concen: 7.71 ng/ul
RT: 19.46 min Scan# 2744
Delta R.T. 0.00 min
Lab File: BG025910.D
Acq: 21 Feb 2017 18:32

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.9	9.9	14.9
100	9.0	7.4	11.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





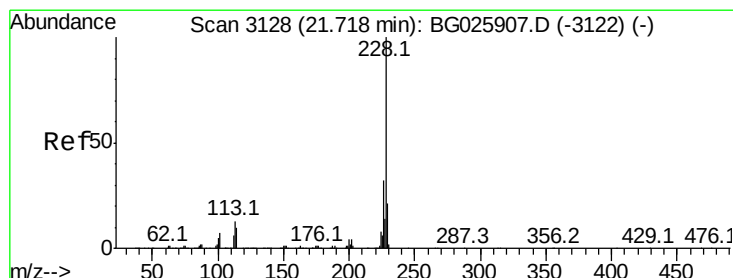
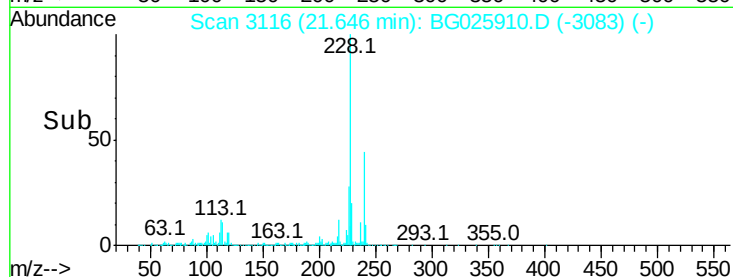
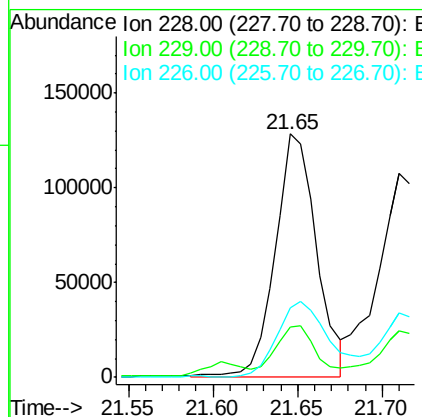
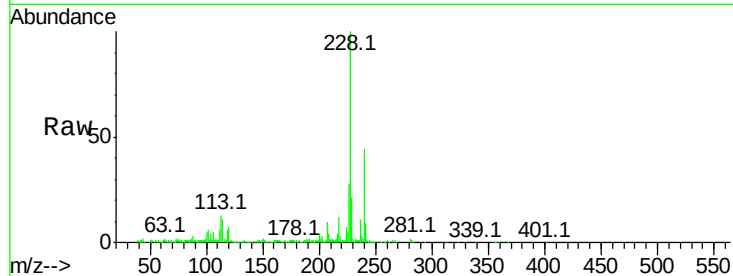
#20
Benzo(a)anthracene
Concen: 4.62 ng/ul
RT: 21.65 min Scan# 3116
Delta R.T. -0.01 min
Lab File: BG025910.D
Acq: 21 Feb 2017 18:32

Instrument :
BNA_G
ClientSampleId :
DABD8

Tot Ion	Ratio	Resp Lower	Upper
228	100		
229	20.6	15.7	23.5
226	28.4	21.1	31.7

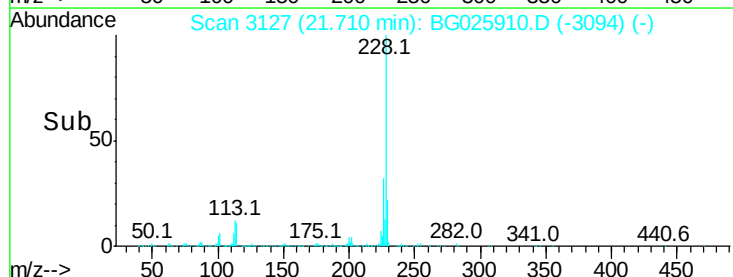
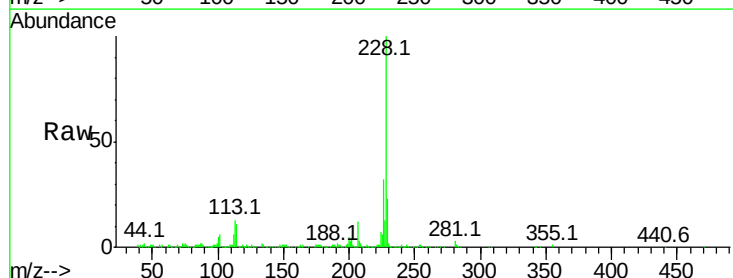
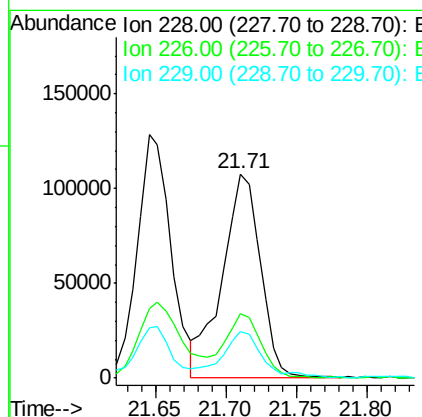
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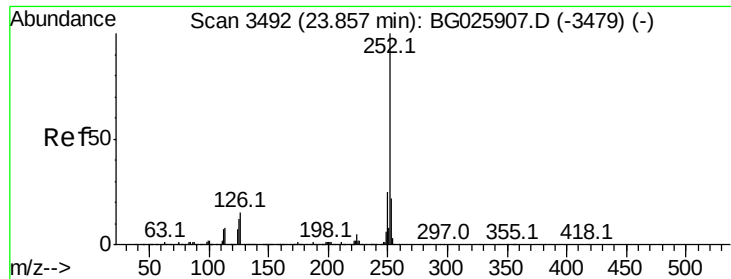
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#21
Chrysene
Concen: 4.50 ng/ul
RT: 21.71 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG025910.D
Acq: 21 Feb 2017 18:32

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.9	24.5	36.7
229	22.5	15.8	23.8





#23

Benzo(b)fluoranthene

Concen: 5.90 ng/ul

RT: 23.86 min Scan# 3493

Delta R.T. 0.00 min

Lab File: BG025910.D

Acq: 21 Feb 2017 18:32

Instrument :

BNA_G

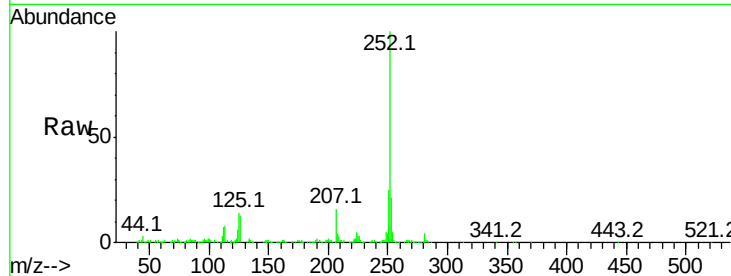
ClientSampleId :

DABD8

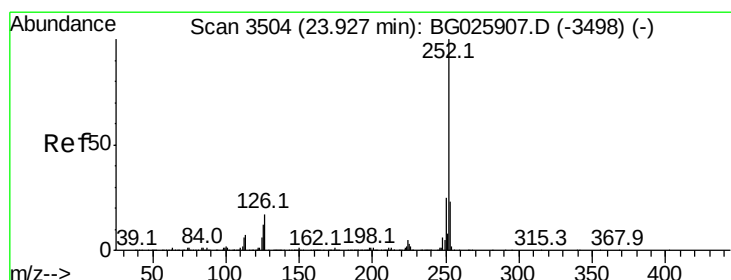
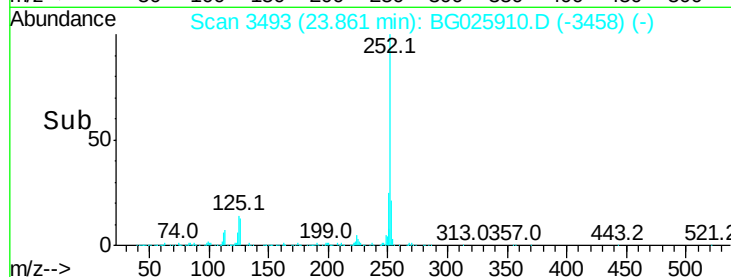
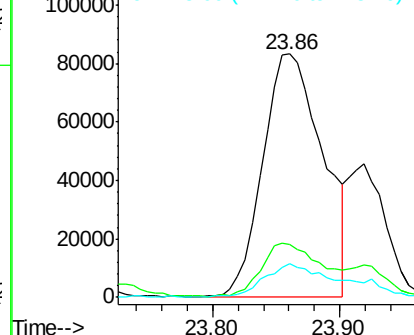
Tot Ion:	252	Resp:	272715
Ion Ratio	Lower	Upper	
252	100		
253	21.5	18.0	27.0
125	14.1	8.0	12.0

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#24

Benzo(k)fluoranthene

Concen: 2.11 ng/ul m

RT: 23.92 min Scan# 3503

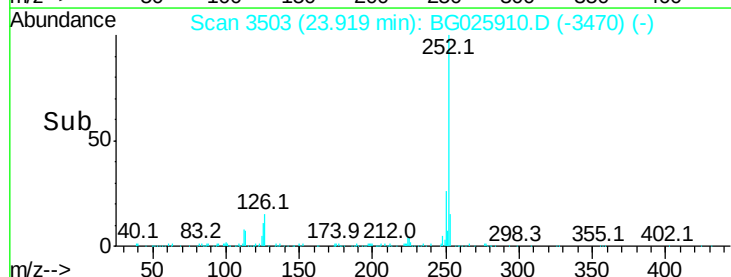
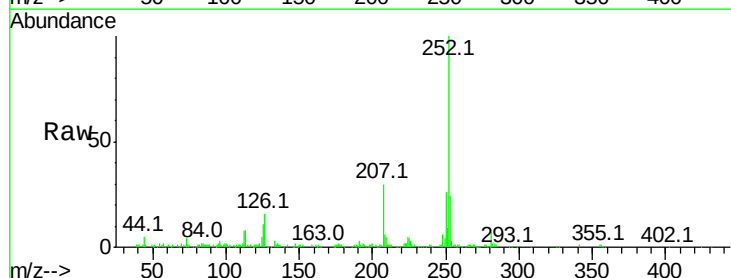
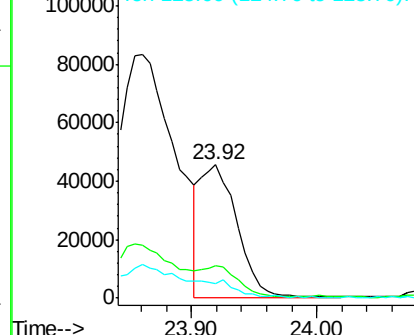
Delta R.T. -0.01 min

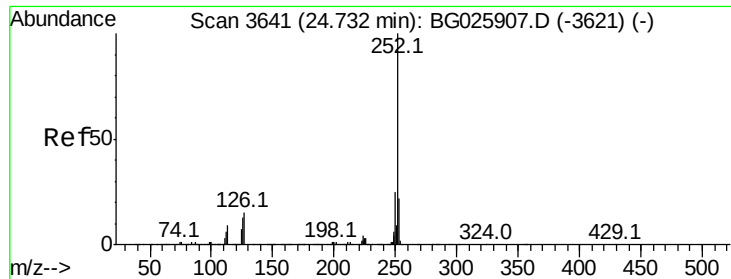
Lab File: BG025910.D

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Tgt Ion:	252	Resp:	94259
Ion Ratio	Lower	Upper	
252	100		
253	24.1	18.0	27.0
125	10.8	8.1	12.1

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





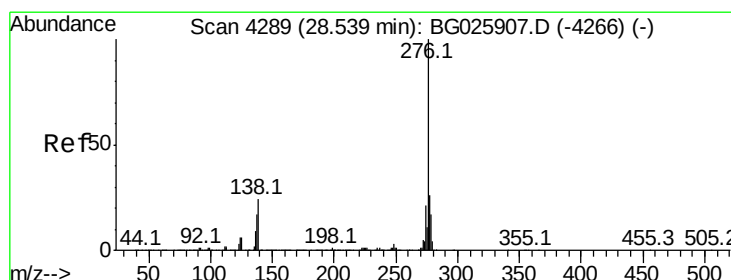
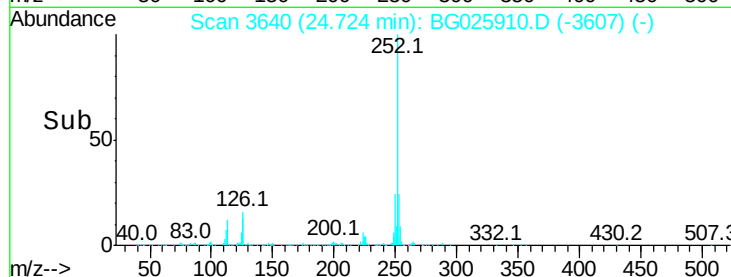
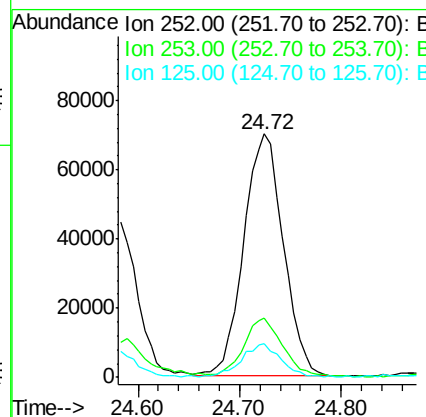
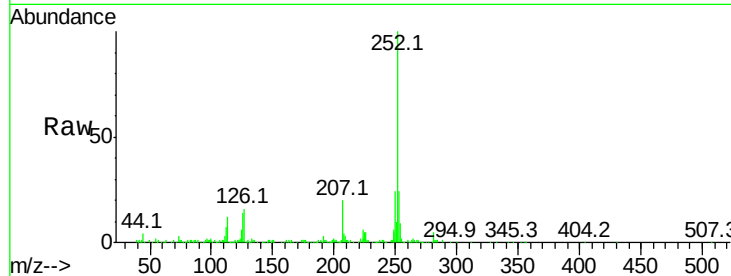
#26
Benzo(a)pyrene
Concen: 4.26 ng/ul
RT: 24.72 min Scan# 3640
Delta R.T. -0.01 min
Lab File: BG025910.D
Acq: 21 Feb 2017 18:32

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	24.4	17.2	25.8
125	13.7	8.2	12.4

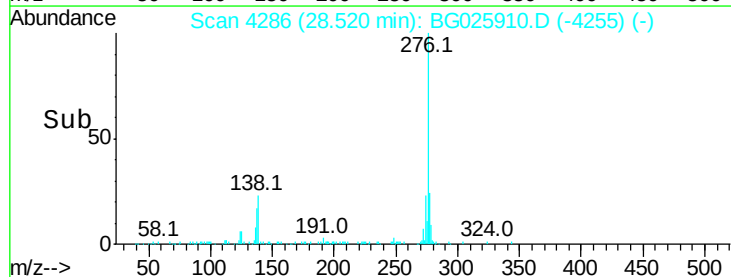
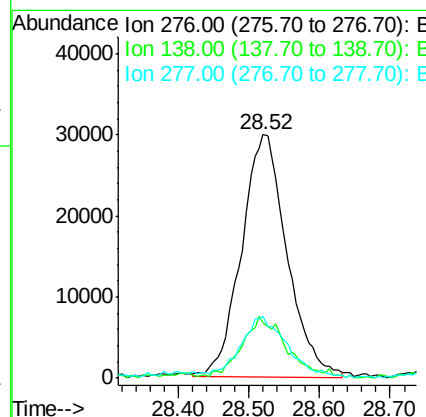
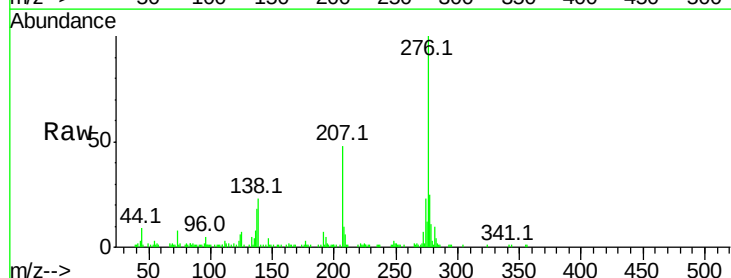
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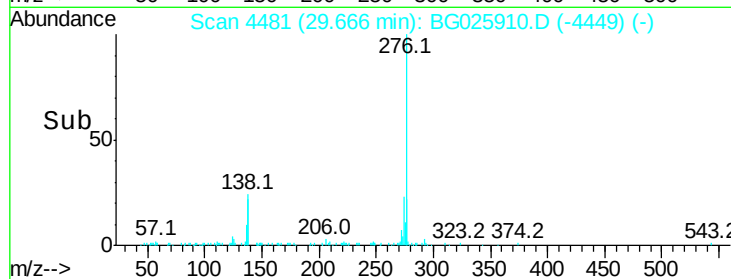
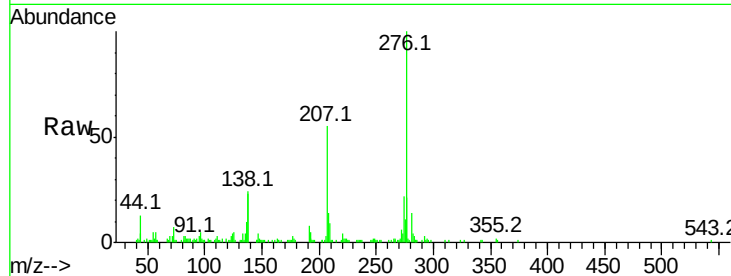
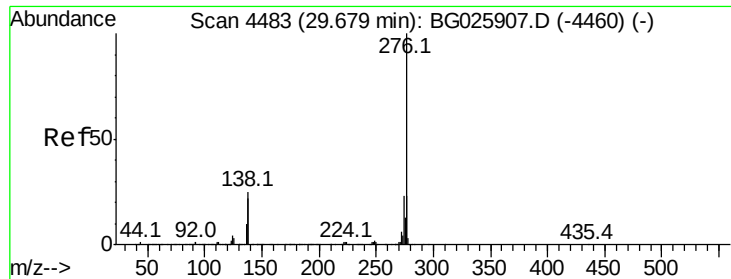
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#27
Indeno(1,2,3-cd)pyrene
Concen: 2.57 ng/ul
RT: 28.52 min Scan# 4286
Delta R.T. -0.02 min
Lab File: BG025910.D
Acq: 21 Feb 2017 18:32

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	22.9	14.4	21.6
277	25.2	18.0	27.0





#29

Benzo(a,h,i)perylene

Concen: 2.63 ng/ul m

RT: 29.67 min Scan# 4481

Delta R.T. -0.01 min

Lab File: BG025910.D

Acq: 21 Feb 2017 18:32

Tot Ion:	276	Resp:	113565
Ion Ratio	Lower	Upper	
276	100		
138	23.5	15.3	22.9#
277	21.4	19.0	28.4

Instrument :

BNA_G

ClientSampleId :

DABD8

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