

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052617\
 Data File : BG027156.D
 Acq On : 25 May 2017 9:15
 Operator : SJ/MA
 Sample : I3275-23
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAC76

Manual Integrations
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 5/26/2017 11:56:03 AM

Quant Time: May 25 10:53:44 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 25 06:05:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	172228	20.00	ng/ul	0.00
2) Naphthalene-d8	10.81	136	780382	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.63	164	388633	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.37	188	712309	20.00	ng/ul	0.00
17) Chrysene-d12	21.61	240	630329	20.00	ng/ul	0.00
22) Perylene-d12	24.80	264	484546	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	14.32	160	968900	24.31	ng/ul	0.00
10) Fluorene-d10	15.62	176	605159	22.76	ng/ul	0.00
14) Anthracene-d10	17.47	188	836035m	24.07	ng/ul	0.00
18) Pyrene-d10	19.75	212	805687	24.48	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.59	264	612666	25.45	ng/ul	0.02
Target Compounds						
13) Phenanthrene	17.41	178	59748	1.50	ng/ul	Qvalue 97
16) Fluoranthene	19.41	202	89431	2.20	ng/ul#	90
19) Pyrene	19.77	202	87015	2.11	ng/ul#	88
20) Benzo(a)anthracene	21.60	228	52173	1.37	ng/ul#	86
21) Chrysene	21.66	228	70086	2.01	ng/ul#	85
23) Benzo(b)fluoranthene	23.79	252	70052	2.43	ng/ul#	74
26) Benzo(a)pyrene	24.65	252	36612	1.30	ng/ul#	61

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

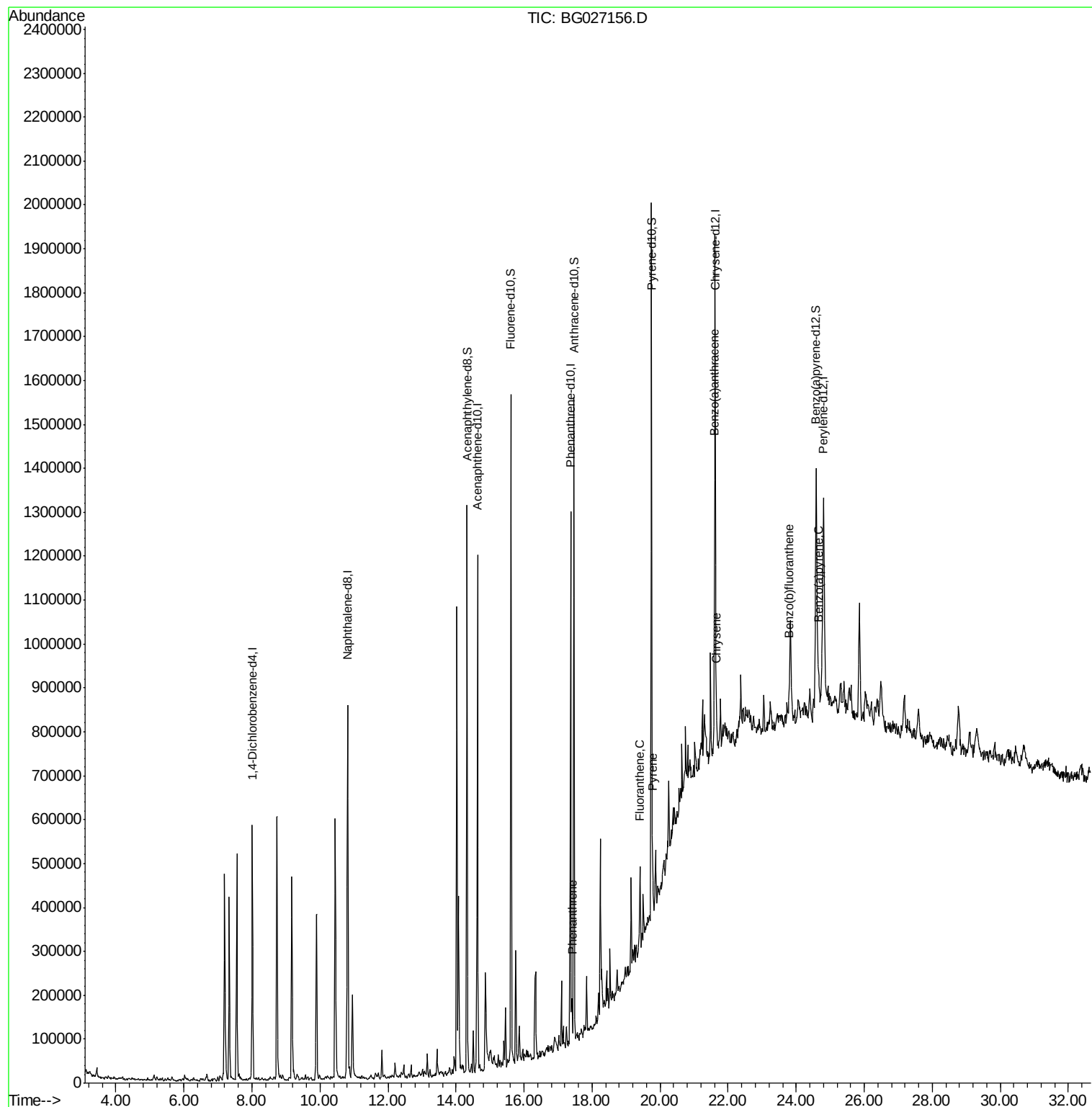
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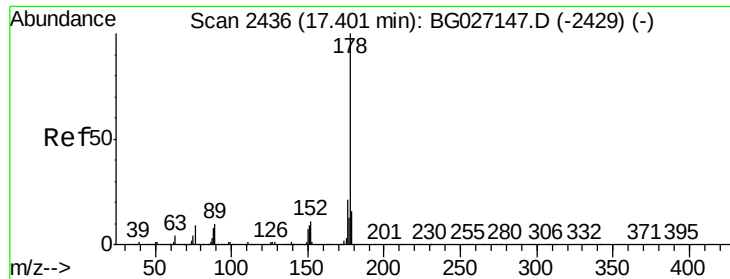
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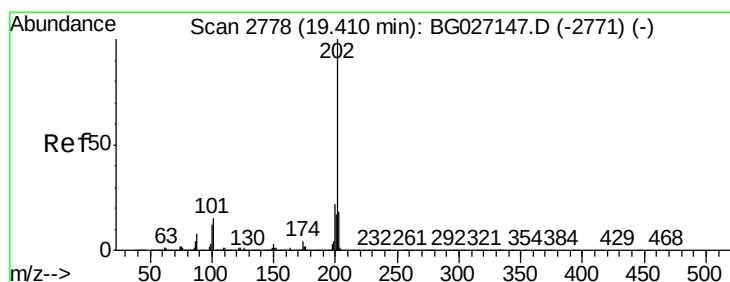
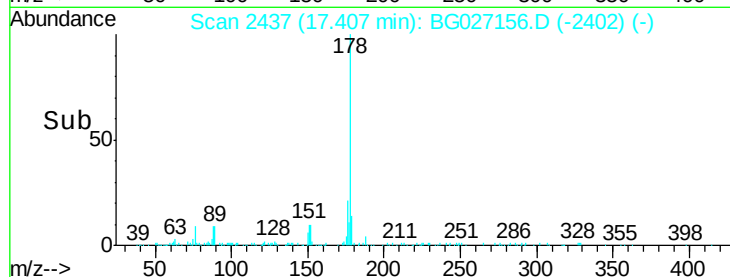
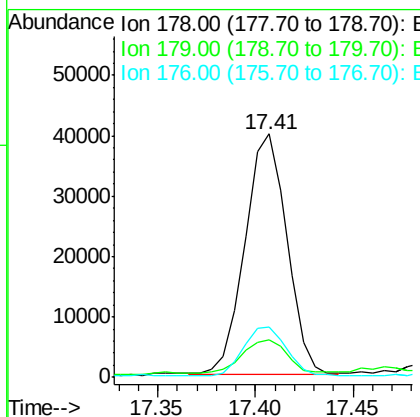
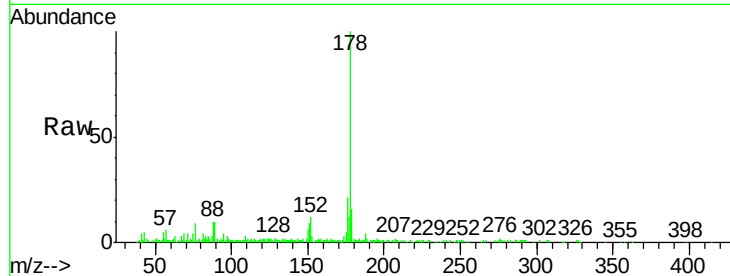
#13
Phenanthrene
Concen: 1.50 ng/ul
RT: 17.41 min Scan# 2437
Delta R.T. 0.01 min
Lab File: BG027156.D
Acq: 25 May 2017 9:15

Instrument :
BNA_G
ClientSampled :
DAC76

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	20.8	15.1	22.7

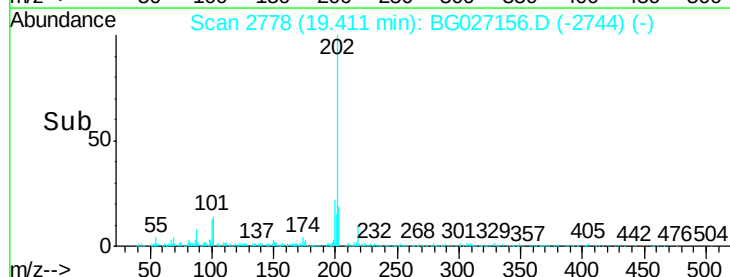
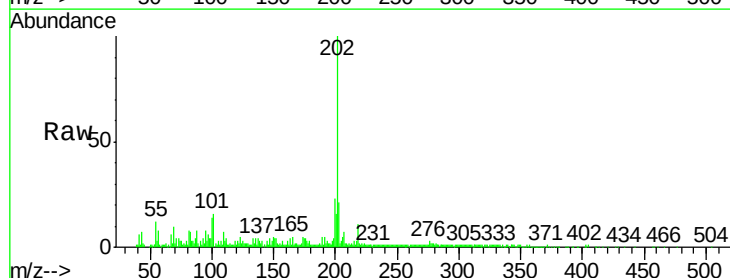
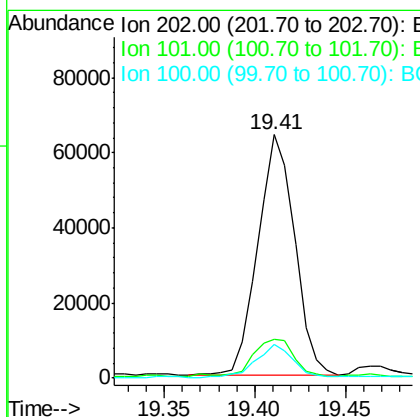
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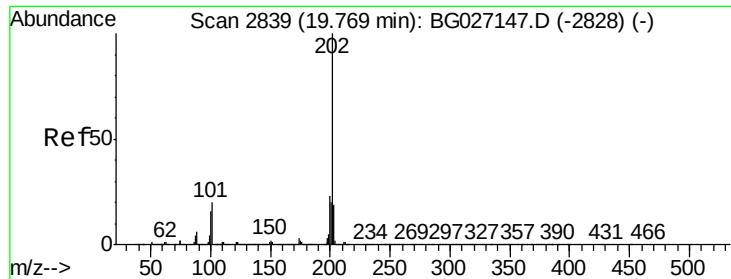
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#16
Fluoranthene
Concen: 2.20 ng/ul
RT: 19.41 min Scan# 2778
Delta R.T. 0.00 min
Lab File: BG027156.D
Acq: 25 May 2017 9:15

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.8	9.9	14.9#
100	13.7	7.4	11.0#





#19

Pyrene

Concen: 2.11 ng/ul

RT: 19.77 min Scan# 2840

Delta R.T. 0.01 min

Lab File: BG027156.D

Acq: 25 May 2017 9:15

Instrument :

BNA_G

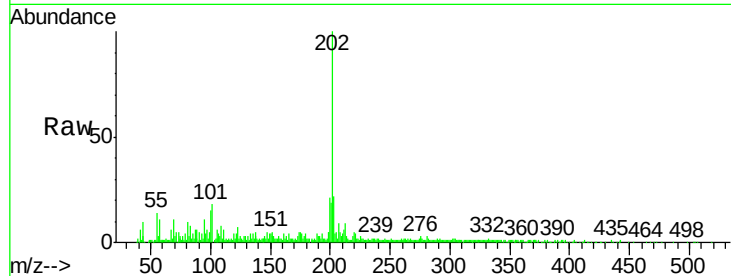
ClientSampleId :

DAC76

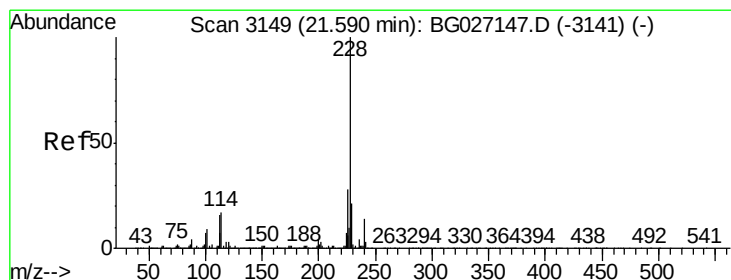
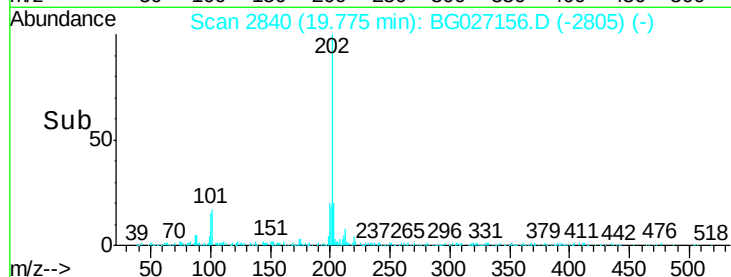
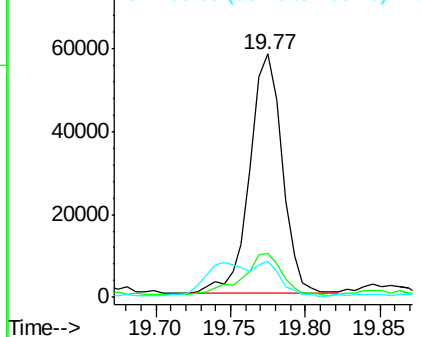
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	18.1	11.0	16.4#
100	14.8	8.1	12.1#

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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): E



#20

Benzo(a)anthracene

Concen: 1.37 ng/ul

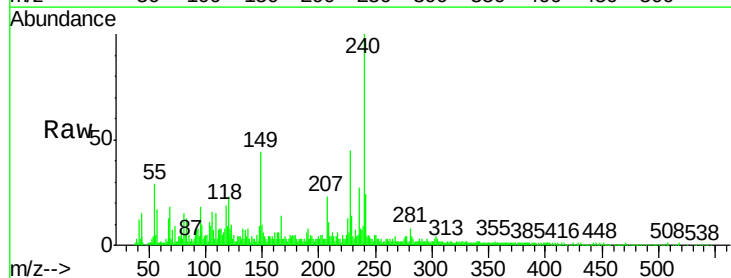
RT: 21.60 min Scan# 3150

Delta R.T. 0.01 min

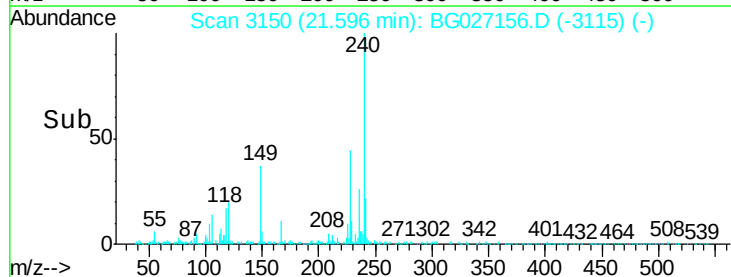
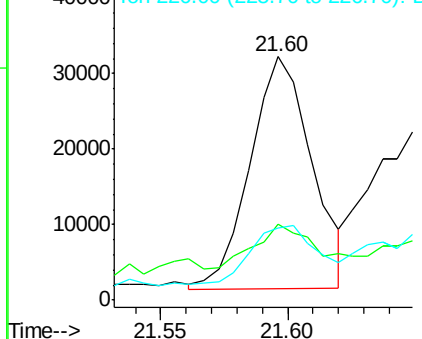
Lab File: BG027156.D

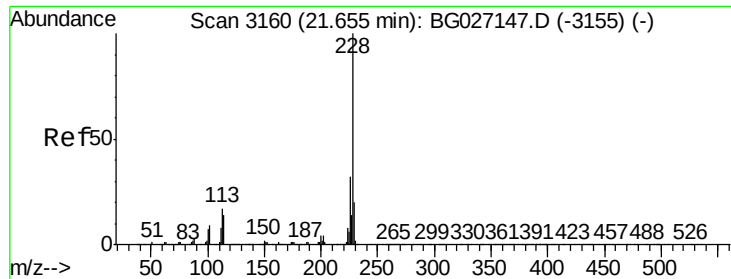
Acq: 25 May 2017 9:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	31.3	15.7	23.5#
226	29.4	21.1	31.7



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





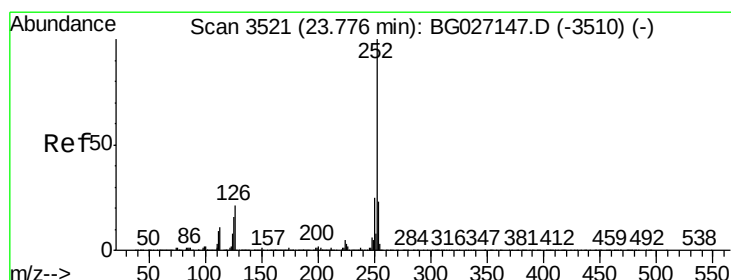
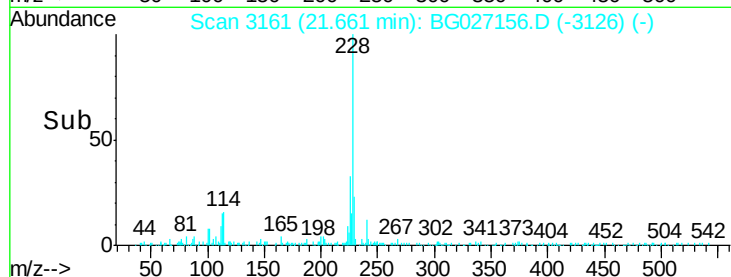
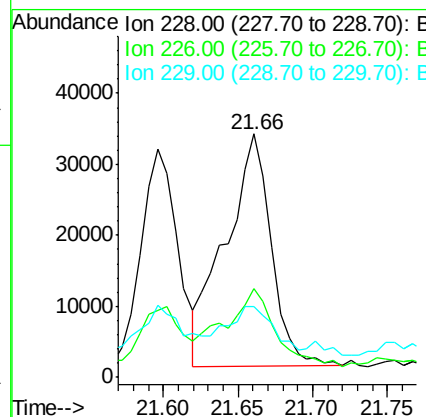
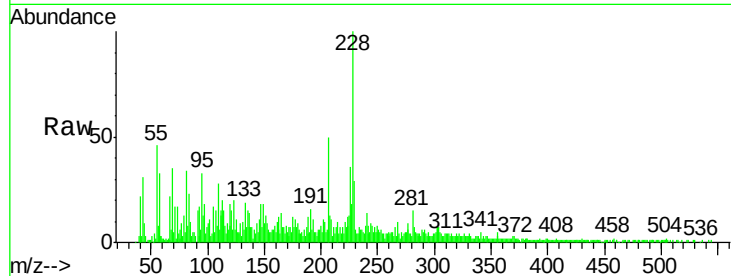
#21
Chrysene
Concen: 2.01 ng/ul
RT: 21.66 min Scan# 3161
Delta R.T. 0.01 min
Lab File: BG027156.D
Acq: 25 May 2017 9:15

Instrument :
BNA_G
ClientSampled :
DAC76

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	36.4	24.5	36.7
229	29.2	15.8	23.8

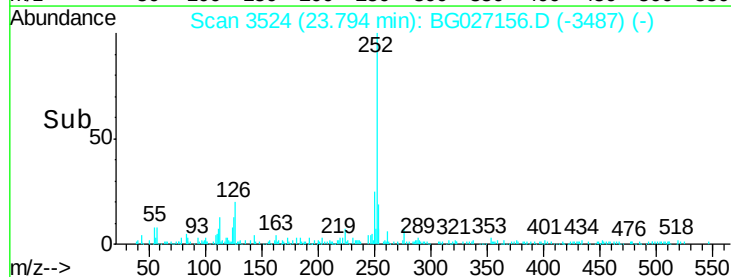
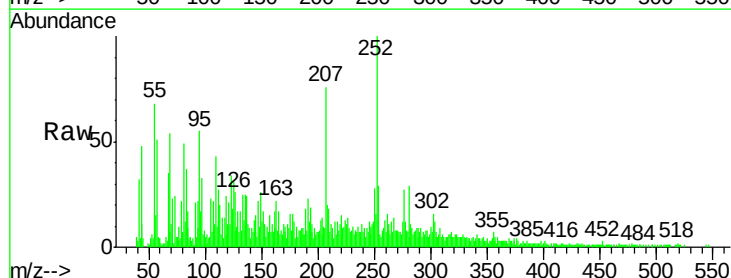
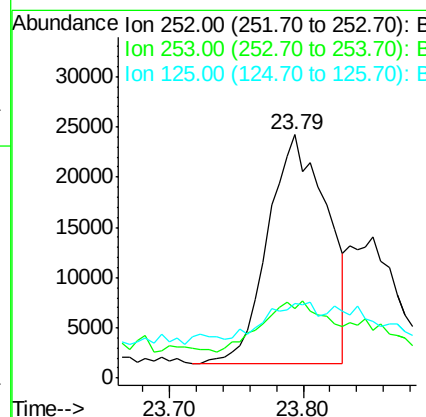
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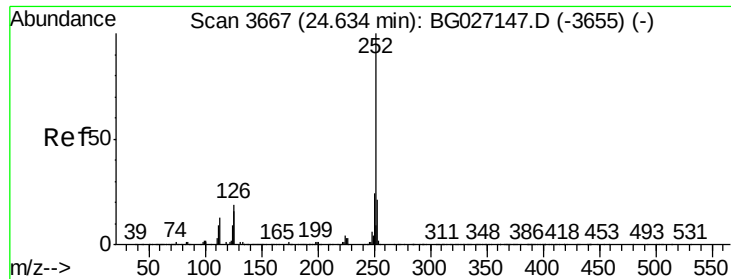
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#23
Benzo(b)fluoranthene
Concen: 2.43 ng/ul
RT: 23.79 min Scan# 3524
Delta R.T. 0.02 min
Lab File: BG027156.D
Acq: 25 May 2017 9:15

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	28.6	18.0	27.0
125	30.5	8.0	12.0





#26
Benzo(a)pyrene
Concen: 1.30 ng/ul
RT: 24.65 min Scan# 3670
Delta R.T. 0.02 min
Lab File: BG027156.D
Acq: 25 May 2017 9:15

Instrument :
BNA_G
ClientSampleId :
DAC76

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.0	17.2	25.8#
125	37.8	8.2	12.4#

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