

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052417\
 Data File : BG027099.D
 Acq On : 23 May 2017 17:56
 Operator : SJ/MA
 Sample : I3275-16MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAC70MS

Manual Integrations
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Quant Time: May 23 19:11:06 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 23 17:47:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	194579	20.00	ng/ul	0.00
2) Naphthalene-d8	10.80	136	909174	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	477323	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.36	188	886473	20.00	ng/ul	0.00
17) Chrysene-d12	21.60	240	808189	20.00	ng/ul	0.00
22) Perylene-d12	24.78	264	700564	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.31	160	884553	18.07	ng/ul	0.00
10) Fluorene-d10	15.60	176	569273	17.43	ng/ul	0.00
14) Anthracene-d10	17.45	188	783868m	18.14	ng/ul	0.00
18) Pyrene-d10	19.74	212	798582	18.92	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.55	264	656001	18.85	ng/ul	0.00
Target Compounds						
9) Acenaphthene	14.68	153	616126	18.29	ng/ul	Qvalue 98
16) Fluoranthene	19.40	202	74524	1.47	ng/ul#	91
19) Pyrene	19.76	202	1080845	20.46	ng/ul#	87
20) Benzo(a)anthracene	21.58	228	52073	1.07	ng/ul	96
21) Chrysene	21.64	228	57725	1.29	ng/ul	95
23) Benzo(b)fluoranthene	23.76	252	84785	2.04	ng/ul#	93
26) Benzo(a)pyrene	24.62	252	44190	1.08	ng/ul#	83

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

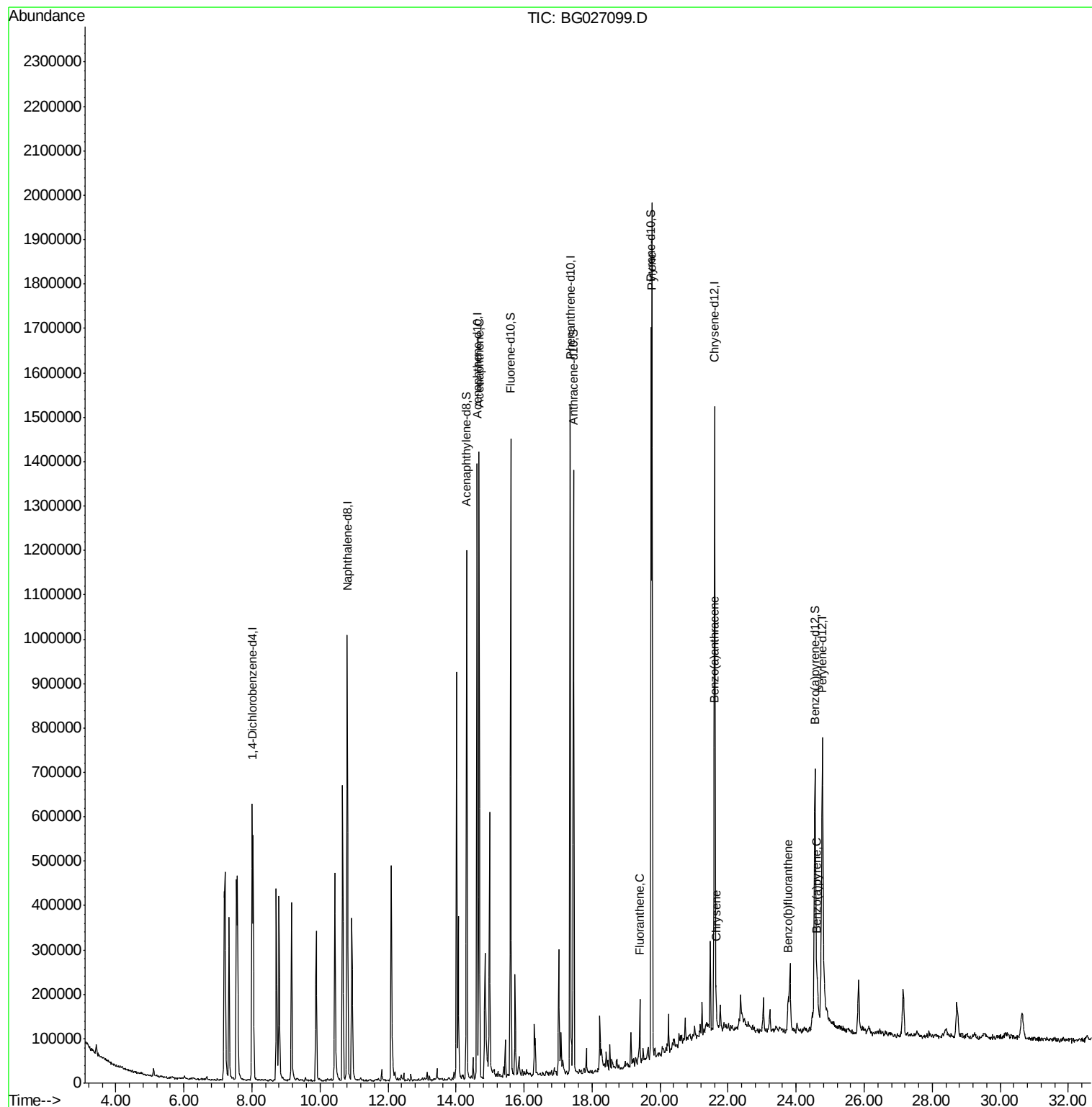
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052417\
Data File : BG027099.D
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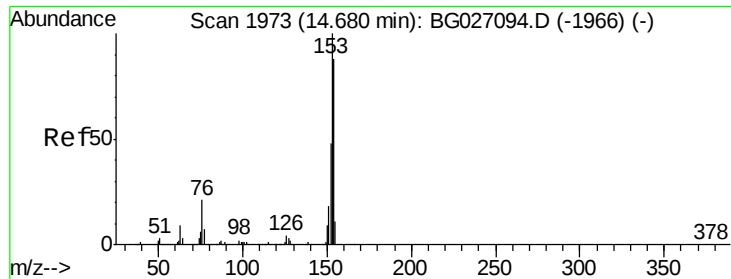
Instrument :
BNA_G
ClientSampleId :
DAC70MS

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Quant Time: May 23 19:11:06 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 23 17:47:51 2017
Response via : Initial Calibration





#9

Acenaphthene

Concen: 18.29 ng/ul

RT: 14.68 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BG027099.D

Acq: 23 May 2017 17:56

Instrument :

BNA_G

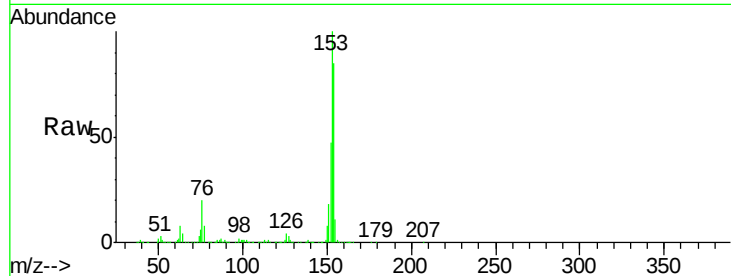
ClientSampled :

DAC70MS

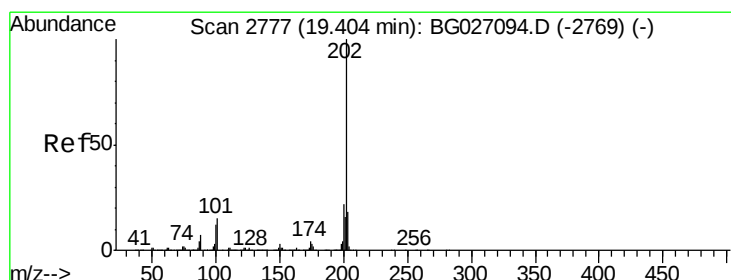
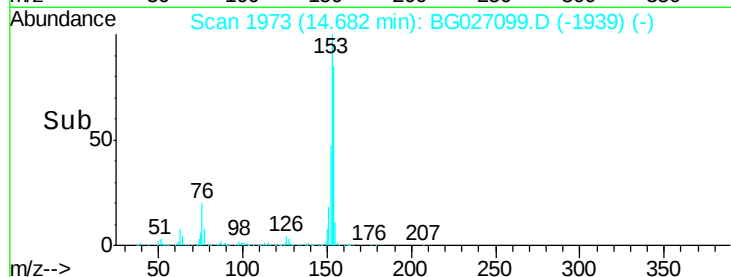
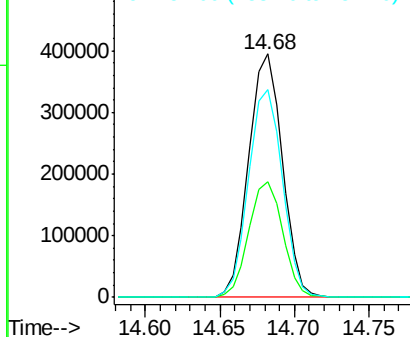
Tgt Ion:	153	Resp:	616126
Ion Ratio	Lower	Upper	
153	100		
152	47.4	39.0	58.6
154	85.5	66.8	100.2

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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#16

Fluoranthene

Concen: 1.47 ng/ul

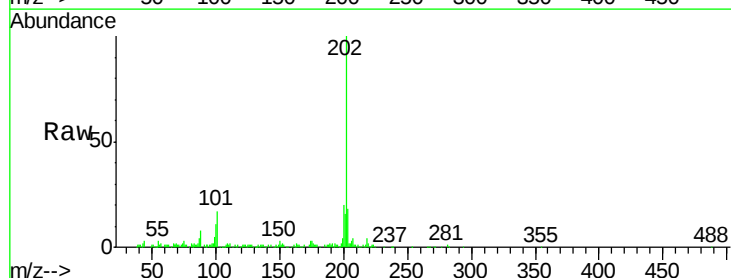
RT: 19.40 min Scan# 2776

Delta R.T. -0.00 min

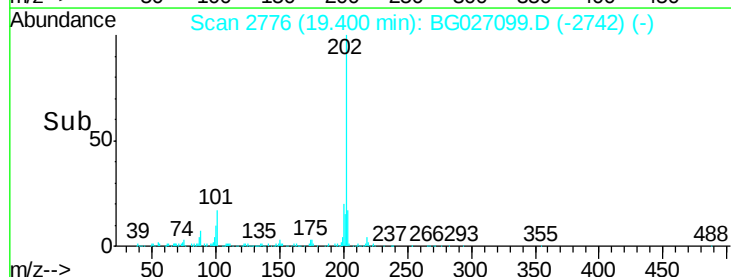
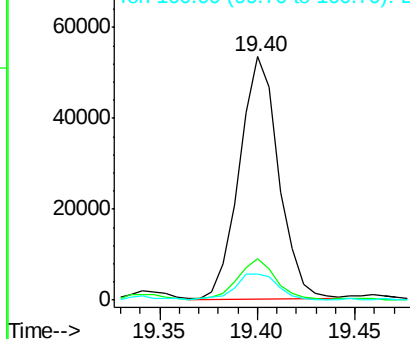
Lab File: BG027099.D

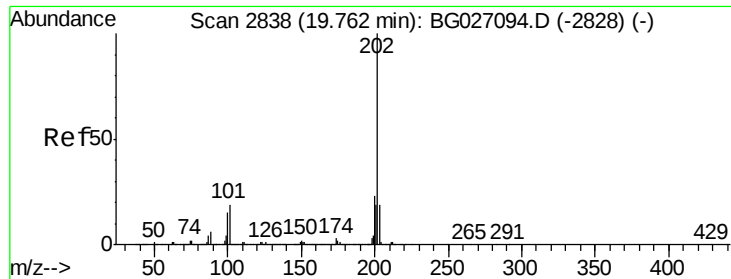
Acq: 23 May 2017 17:56

Tgt Ion:	202	Resp:	74524
Ion Ratio	Lower	Upper	
202	100		
101	17.0	9.9	14.9#
100	10.8	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





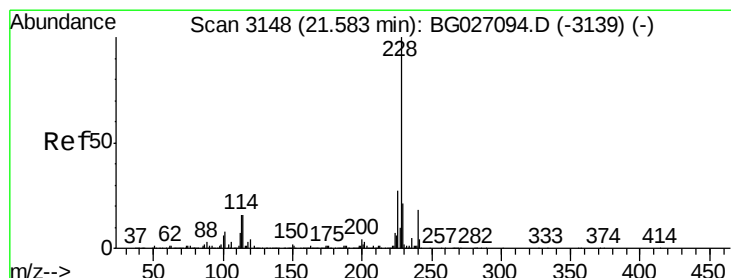
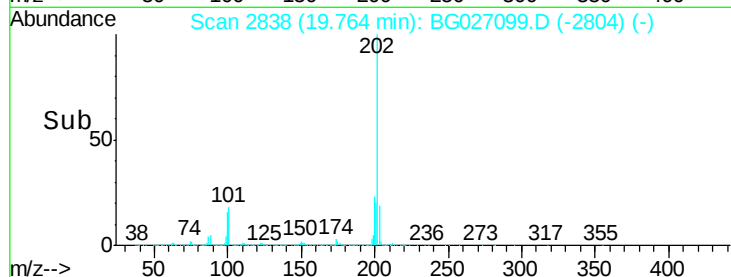
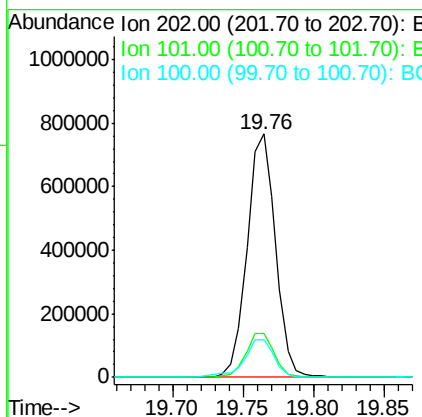
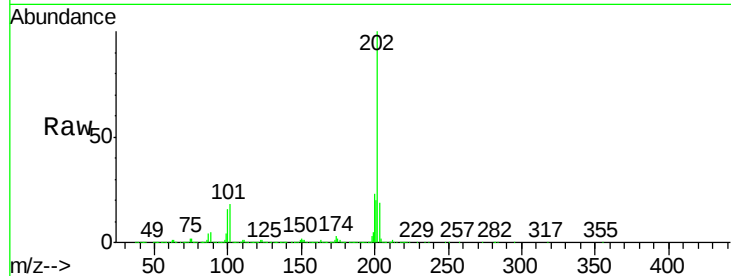
#19
 Pyrene
 Concen: 20.46 ng/ul
 RT: 19.76 min Scan# 2838
 Delta R.T. -0.00 min
 Lab File: BG027099.D
 Acq: 23 May 2017 17:56

Instrument :
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	18.3	11.0	16.4#
100	15.5	8.1	12.1#

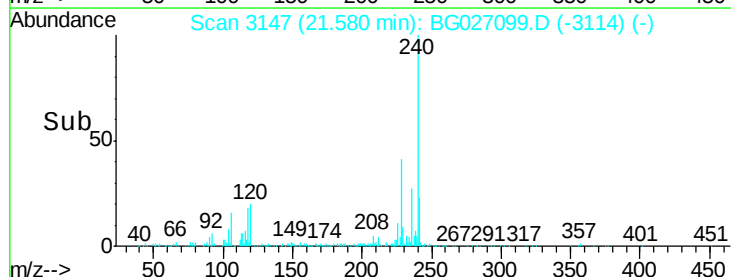
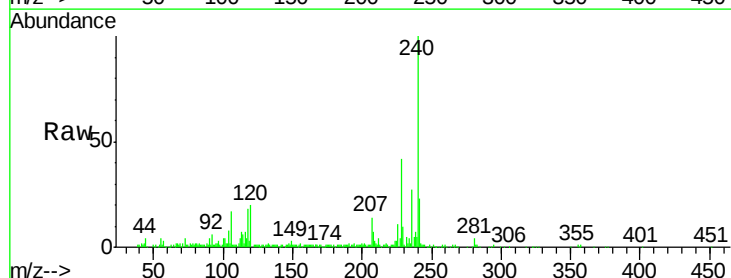
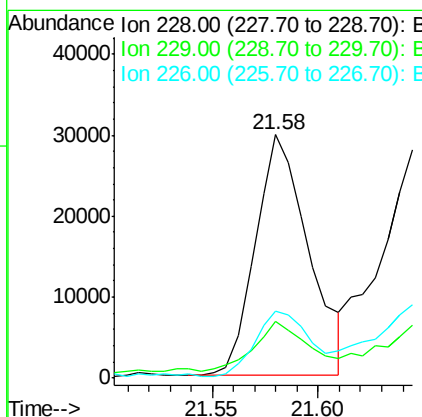
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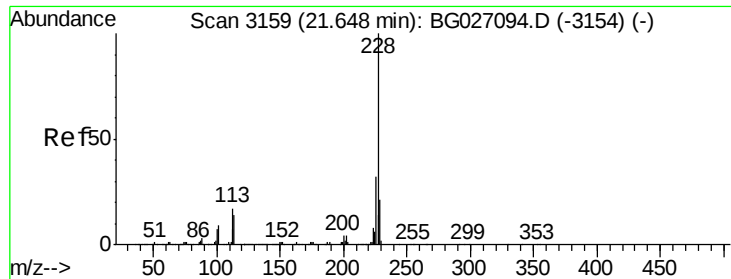
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#20
 Benzo(a)anthracene
 Concen: 1.07 ng/ul
 RT: 21.58 min Scan# 3147
 Delta R.T. -0.01 min
 Lab File: BG027099.D
 Acq: 23 May 2017 17:56

Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.2	15.7	23.5
226	27.3	21.1	31.7





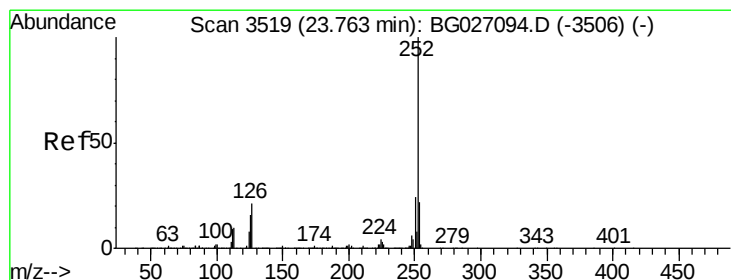
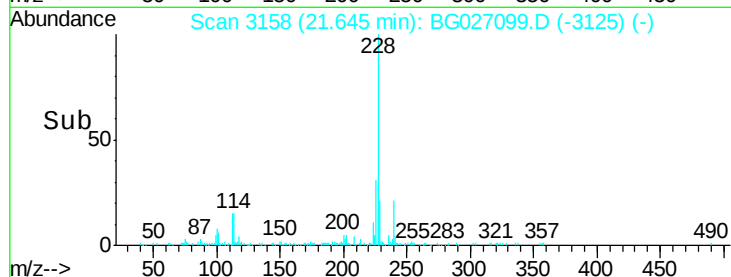
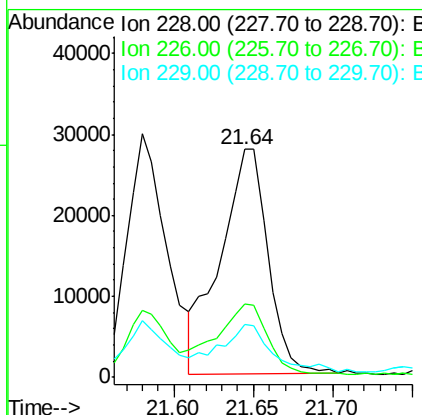
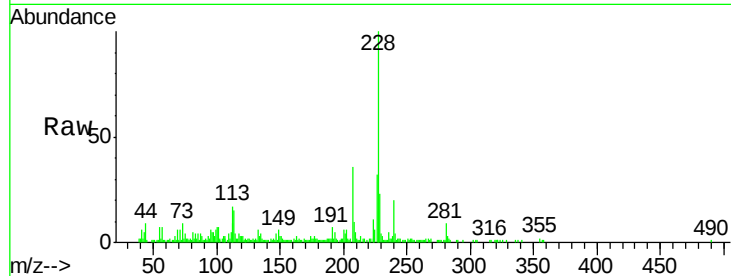
#21
Chrysene
Concen: 1.29 ng/ul
RT: 21.64 min Scan# 3158
Delta R.T. -0.01 min
Lab File: BG027099.D
Acq: 23 May 2017 17:56

Instrument :
BNA_G
ClientSampleId :
DAC70MS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.5	36.7
229	23.1	15.8	23.8

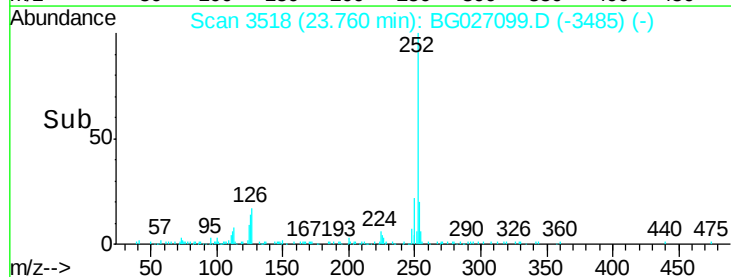
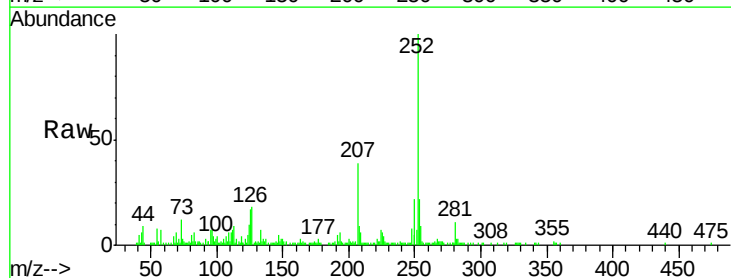
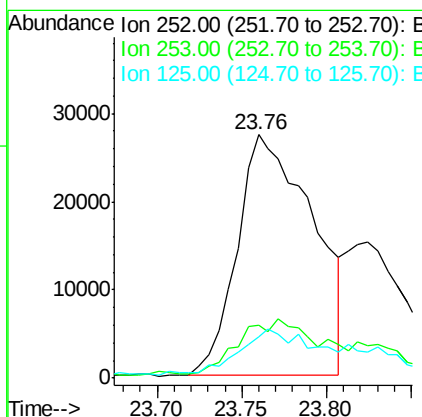
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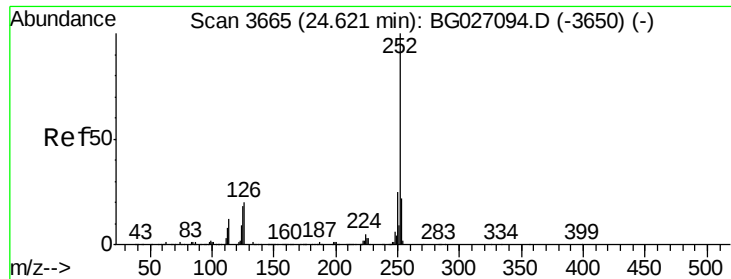
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#23
Benzo(b)fluoranthene
Concen: 2.04 ng/ul
RT: 23.76 min Scan# 3518
Delta R.T. -0.01 min
Lab File: BG027099.D
Acq: 23 May 2017 17:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.0	27.0
125	16.8	8.0	12.0#





#26

Benzo(a)pyrene

Concen: 1.08 ng/ul

RT: 24.62 min Scan# 3664

Delta R.T. -0.01 min

Lab File: BG027099.D

Acq: 23 May 2017 17:56

Instrument :

BNA_G

ClientSampleId :

DAC70MS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	44190		
253	27.8	17.2	25.8#	
125	19.8	8.2	12.4#	

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