

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051817\
 Data File : BG027018.D
 Acq On : 19 May 2017 00:32
 Operator : SJ/MA
 Sample : I3137-02MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAC22MS

Manual Integrations
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 5/22/2017 11:04:29 AM

Quant Time: May 19 04:04:29 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 19 03:12:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	205663	20.00	ng/ul	0.00
2) Naphthalene-d8	10.80	136	976104	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	536497	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.35	188	985980	20.00	ng/ul	0.00
17) Chrysene-d12	21.60	240	904164	20.00	ng/ul	0.00
22) Perylene-d12	24.76	264	931901	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.31	160	1011165	18.37	ng/ul	0.00
10) Fluorene-d10	15.60	176	663793	18.08	ng/ul	0.00
14) Anthracene-d10	17.45	188	897954m	18.68	ng/ul	0.00
18) Pyrene-d10	19.73	212	907945	19.23	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.54	264	913197	19.72	ng/ul	0.00
Target Compounds						
9) Acenaphthene	14.68	153	696040	18.38	ng/ul	Qvalue 97
13) Phenanthrene	17.39	178	63902	1.16	ng/ul	96
16) Fluoranthene	19.40	202	116269	2.06	ng/ul	96
19) Pyrene	19.76	202	1222025	20.68	ng/ul#	84
20) Benzo(a)anthracene	21.58	228	58014	1.06	ng/ul	95
21) Chrysene	21.64	228	61950	1.24	ng/ul	95
23) Benzo(b)fluoranthene	23.75	252	82938	1.50	ng/ul#	92

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

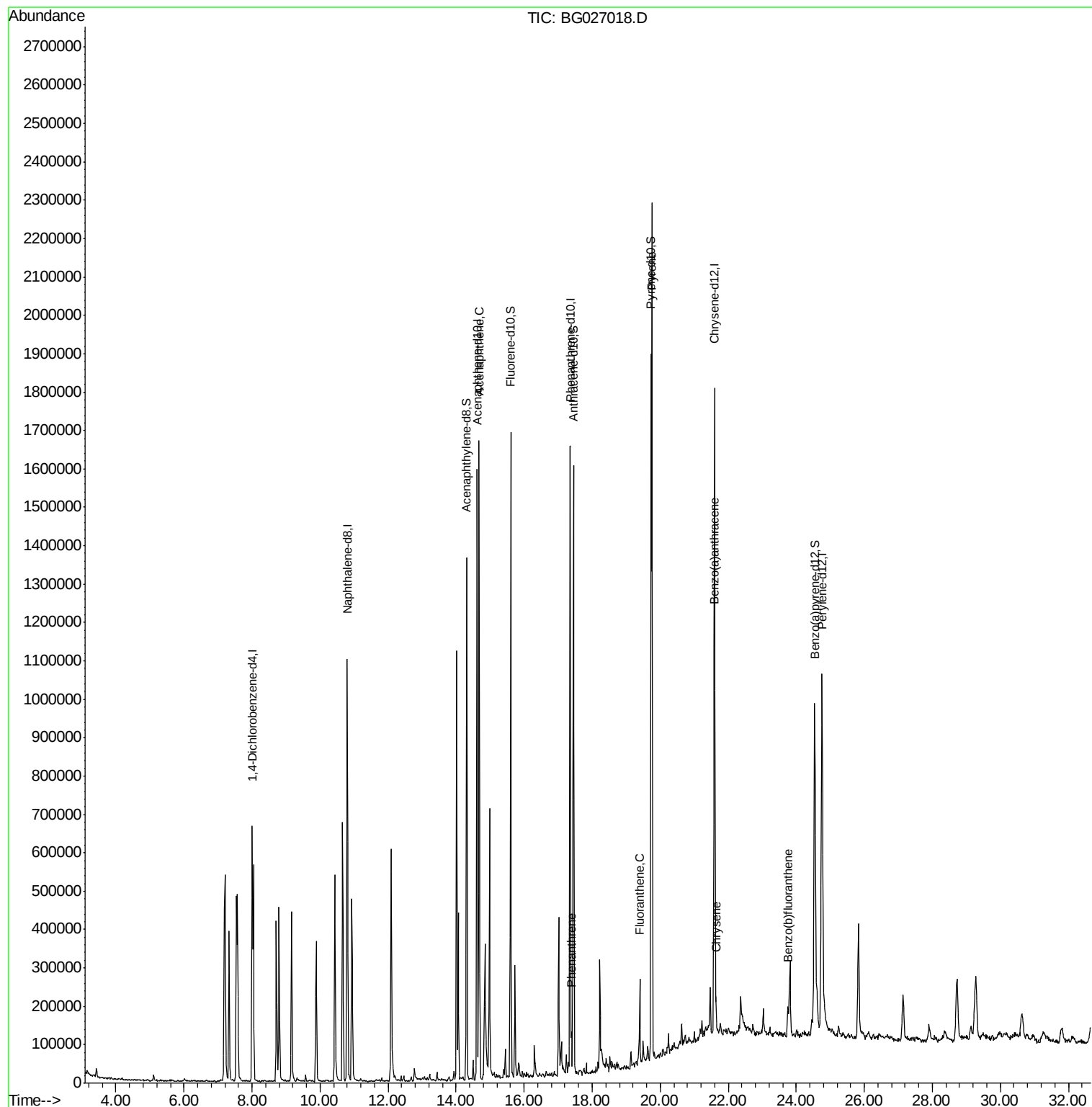
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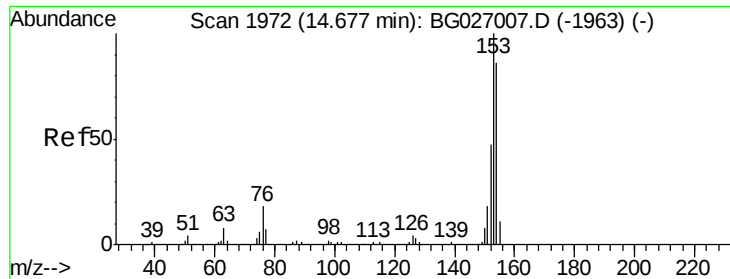
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Quant Title : SVOA CALIBRATION
QLast Update : Fri May 19 03:12:01 2017
Response via : Initial Calibration





#9

Acenaphthene

Concen: 18.38 ng/ul

RT: 14.68 min Scan# 1973

Delta R.T. 0.00 min

Lab File: BG027018.D

Acq: 19 May 2017 00:32

Instrument :

BNA_G

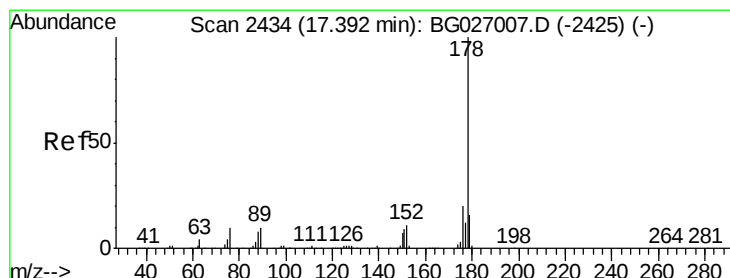
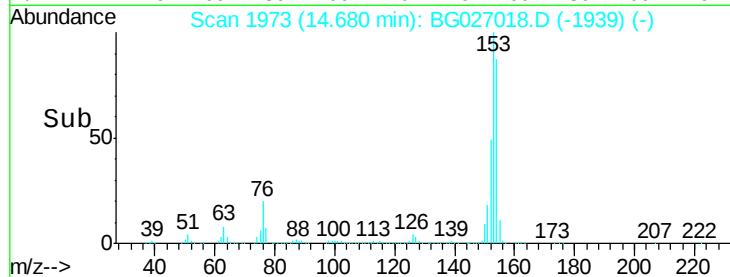
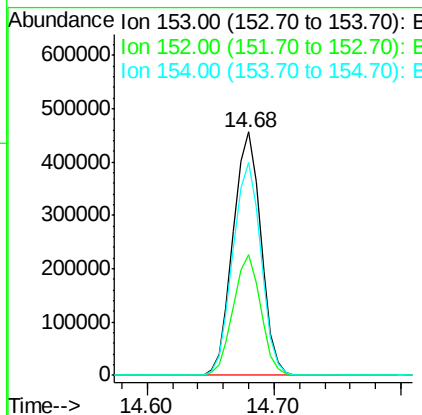
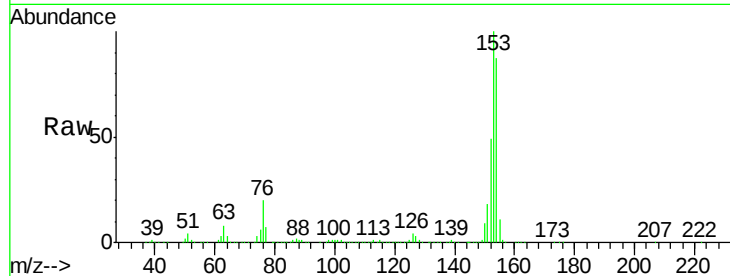
ClientSampleId :

DAC22MS

Tgt Ion:	153	Resp:	696040
Ion Ratio	Lower	Upper	
153	100		
152	49.4	39.0	58.6
154	87.3	66.8	100.2

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#13

Phenanthrene

Concen: 1.16 ng/ul

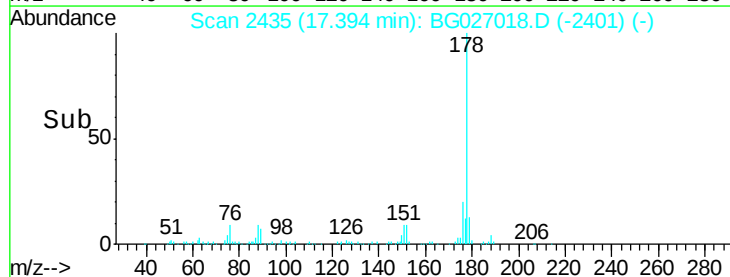
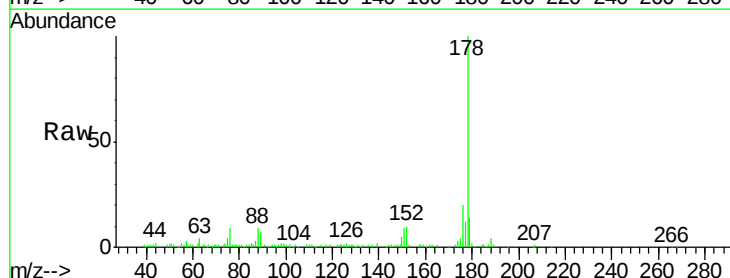
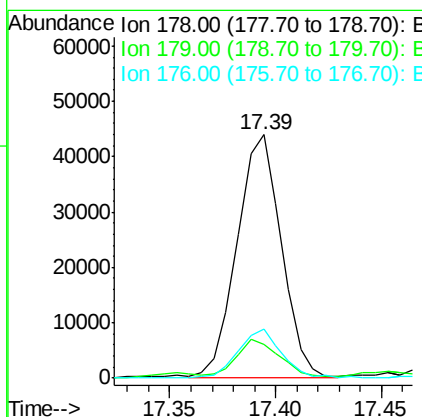
RT: 17.39 min Scan# 2435

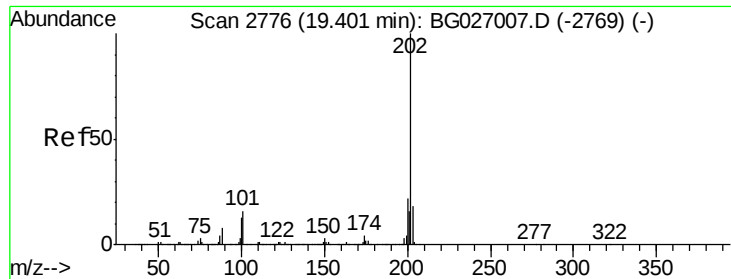
Delta R.T. 0.00 min

Lab File: BG027018.D

Acq: 19 May 2017 00:32

Tgt Ion:	178	Resp:	63902
Ion Ratio	Lower	Upper	
178	100		
179	13.7	12.3	18.5
176	20.3	15.1	22.7





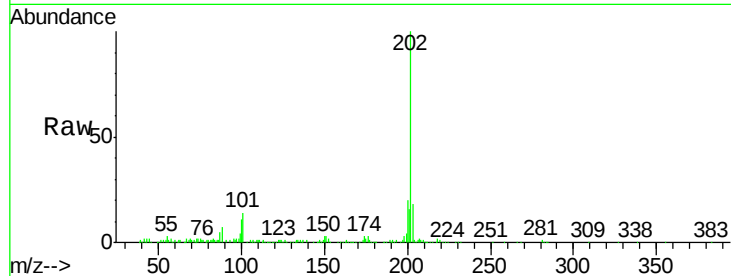
#16
Fluoranthene
 Concen: 2.06 ng/ul
 RT: 19.40 min Scan# 2776
 Delta R.T. -0.00 min
 Lab File: BG027018.D
 Acq: 19 May 2017 00:32

Instrument :
 BNA_G
 ClientSampleId :
 DAC22MS

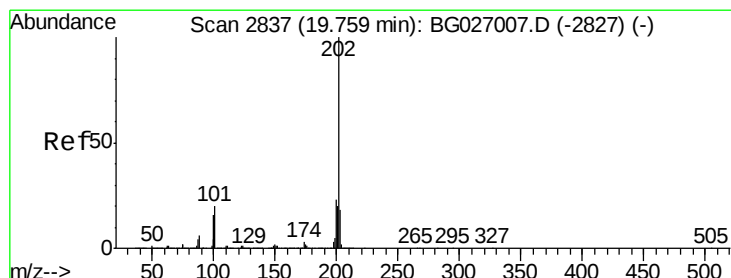
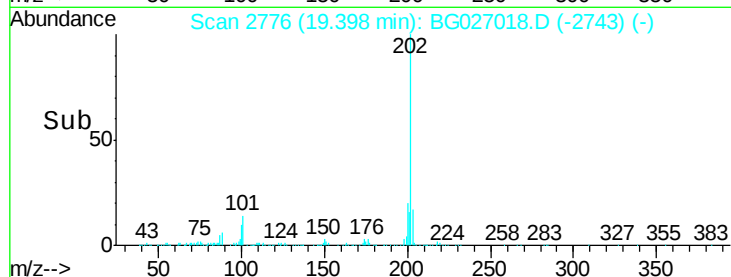
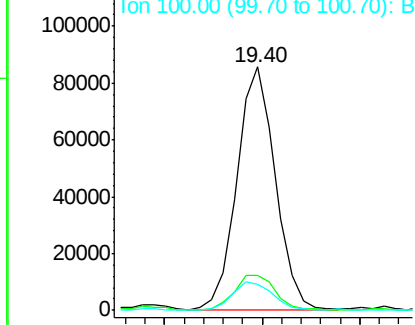
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	116269		
101	14.1	9.9	14.9	
100	10.6	7.4	11.0	

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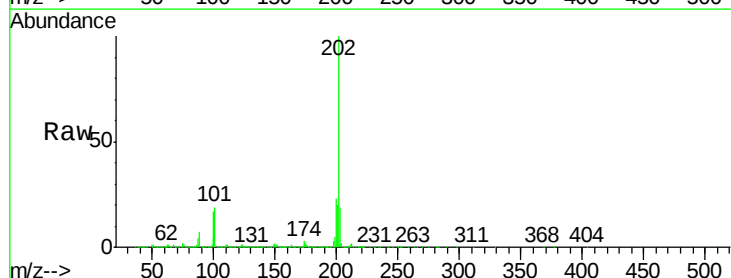


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

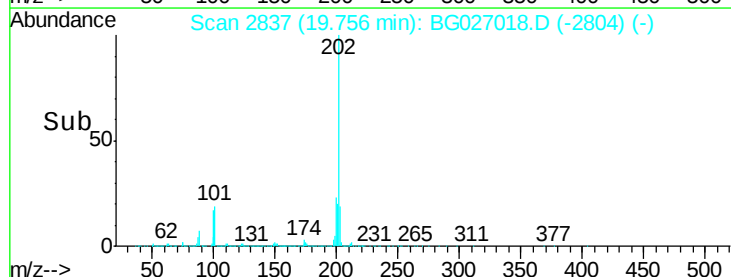
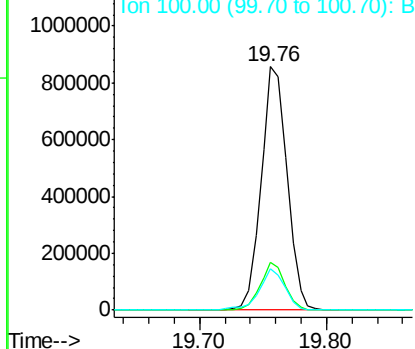


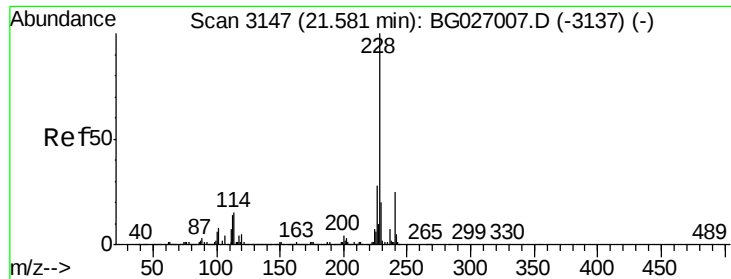
#19
Pyrene
 Concen: 20.68 ng/ul
 RT: 19.76 min Scan# 2837
 Delta R.T. -0.00 min
 Lab File: BG027018.D
 Acq: 19 May 2017 00:32

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1222025		
101	19.4	11.0	16.4#	
100	16.8	8.1	12.1#	



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





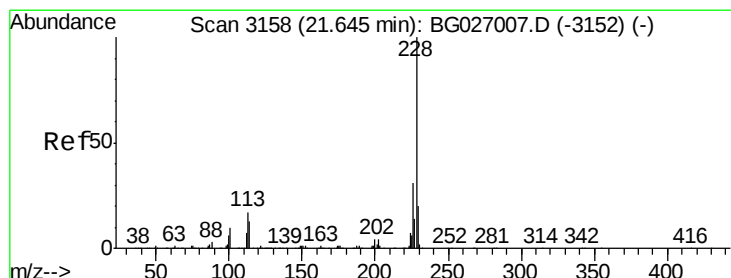
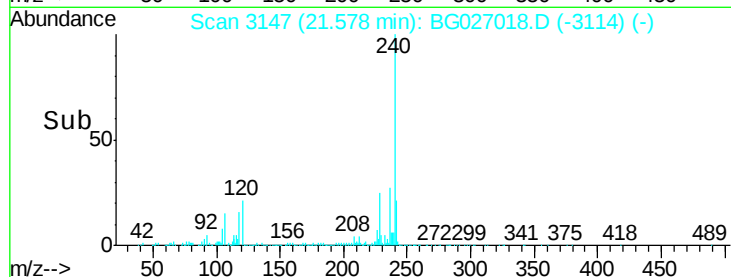
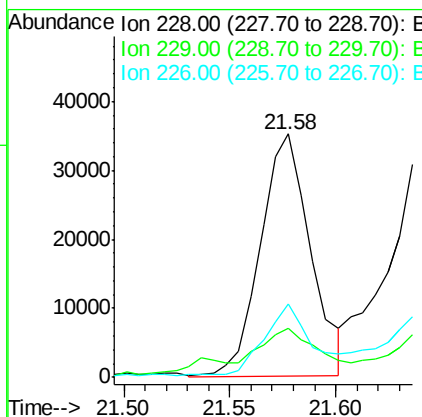
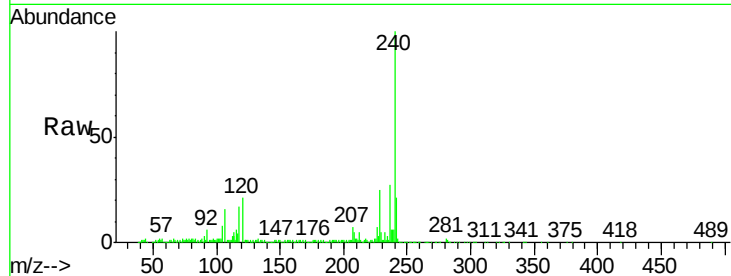
#20
Benzo(a)anthracene
Concen: 1.06 ng/ul
RT: 21.58 min Scan# 3147
Delta R.T. -0.00 min
Lab File: BG027018.D
Acq: 19 May 2017 00:32

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Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.7	23.5
226	30.1	21.1	31.7

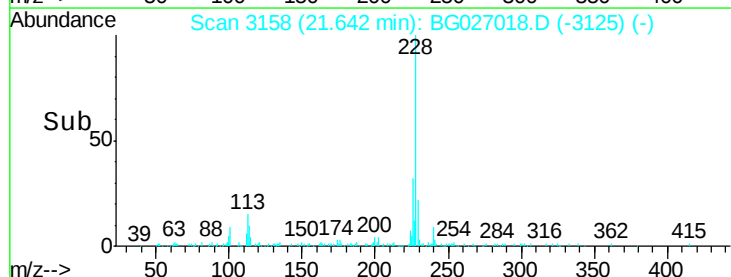
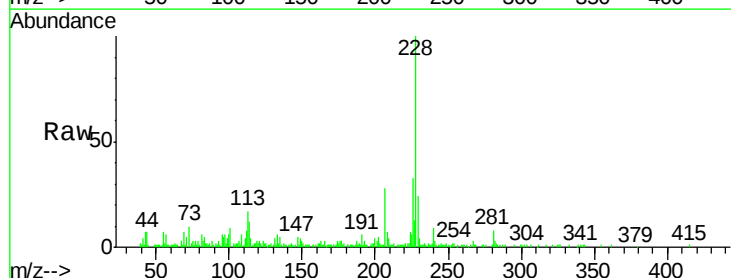
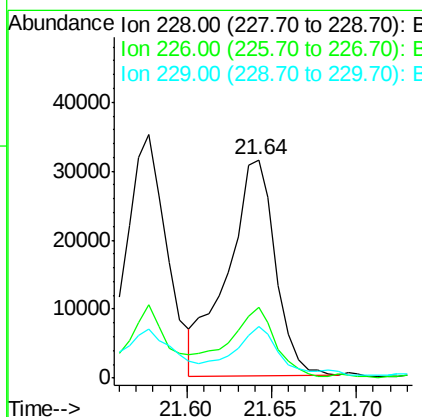
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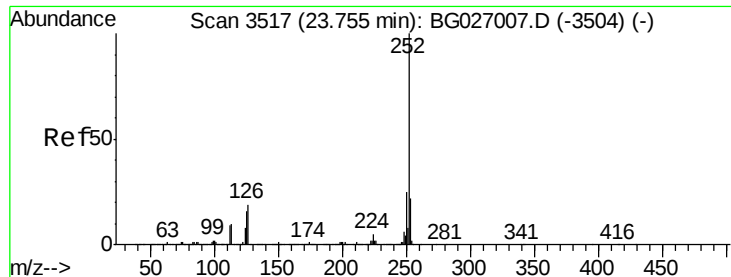
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#21
Chrysene
Concen: 1.24 ng/ul
RT: 21.64 min Scan# 3158
Delta R.T. -0.00 min
Lab File: BG027018.D
Acq: 19 May 2017 00:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.6	24.5	36.7
229	23.6	15.8	23.8





#23
Benzo(b)fluoranthene
Concen: 1.50 ng/ul
RT: 23.75 min Scan# 3517
Delta R.T. -0.00 min
Lab File: BG027018.D
Acq: 19 May 2017 00:32

Instrument :
BNA_G
ClientSampleId :
DAC22MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	24.7	18.0	27.0
125	15.7	8.0	12.0

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