

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052617\
 Data File : BG027135.D
 Acq On : 24 May 2017 19:31
 Operator : SJ/MA
 Sample : I3277-12
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAC98

Manual Integrations
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mohammad
 5/26/2017 11:55:12 AM

Quant Time: Jun 01 12:54:00 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 25 04:52:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	167663	20.00	ng/ul	0.00
2) Naphthalene-d8	10.81	136	826359	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	432124	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.35	188	790574	20.00	ng/ul	0.00
17) Chrysene-d12	21.60	240	709281	20.00	ng/ul	0.00
22) Perylene-d12	24.77	264	617153	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.31	160	1024117	23.11	ng/ul	0.00
10) Fluorene-d10	15.61	176	645175	21.82	ng/ul	0.00
14) Anthracene-d10	17.45	188	851398m	22.09	ng/ul	0.00
18) Pyrene-d10	19.73	212	856190	23.12	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.55	264	712469	23.23	ng/ul	0.00
Target Compounds						
13) Phenanthrene	17.40	178	83780	1.90	ng/ul	Qvalue 99
16) Fluoranthene	19.40	202	169114	3.74	ng/ul#	91
19) Pyrene	19.76	202	151235	3.26	ng/ul#	86
20) Benzo(a)anthracene	21.58	228	77313	1.81	ng/ul	97
21) Chrysene	21.65	228	76022m	1.94	ng/ul	
23) Benzo(b)fluoranthene	23.77	252	101021	2.75	ng/ul#	92
26) Benzo(a)pyrene	24.62	252	62660	1.75	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	28.39	276	36133m	1.09	ng/ul	

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

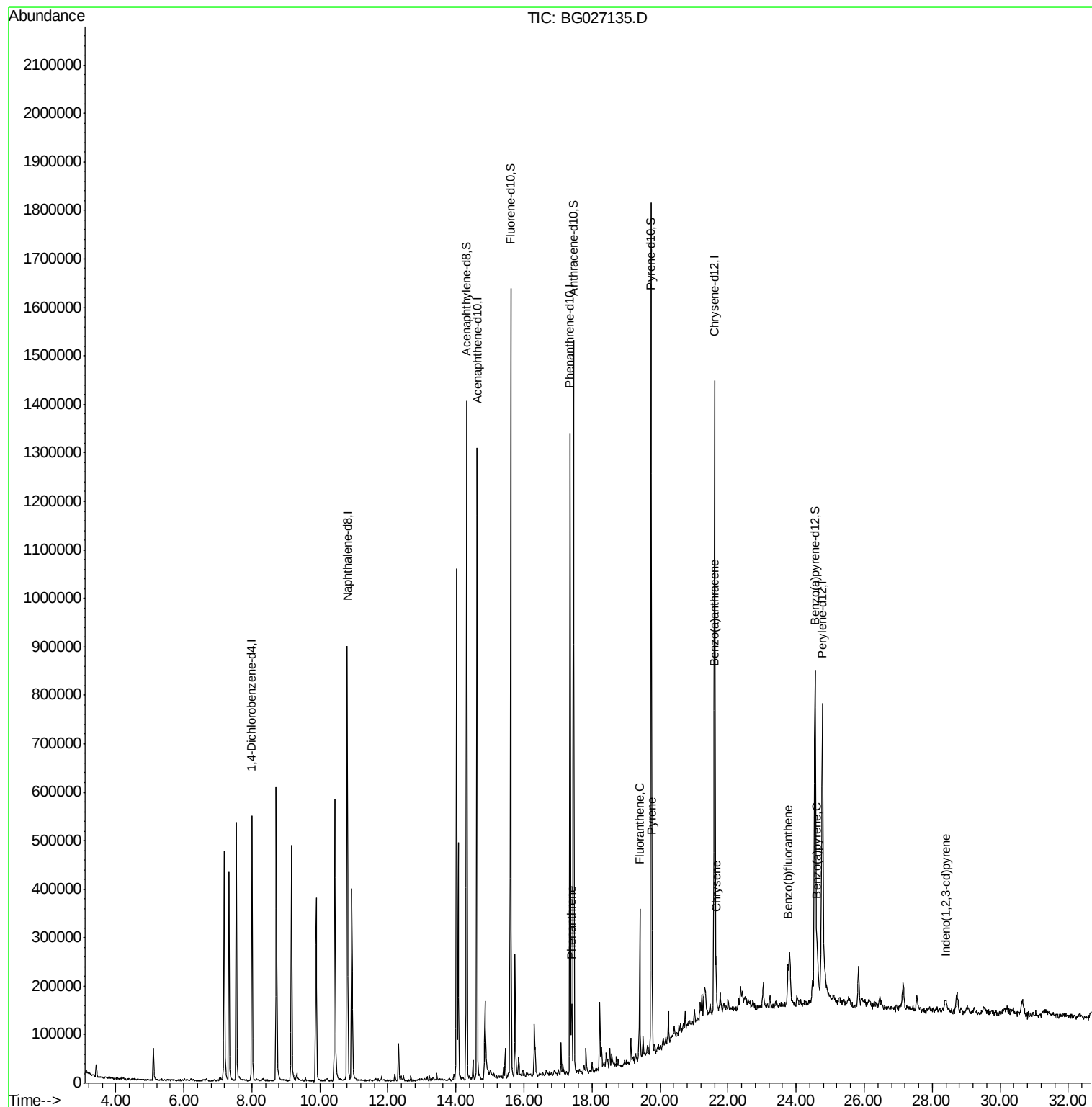
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052617\
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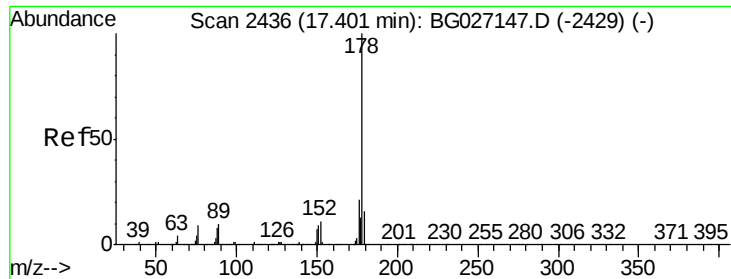
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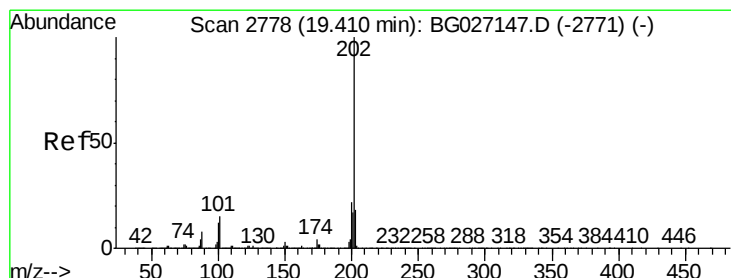
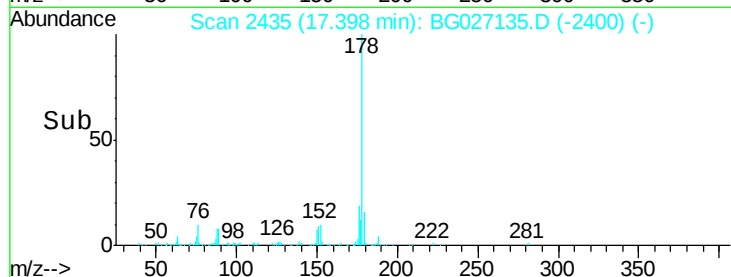
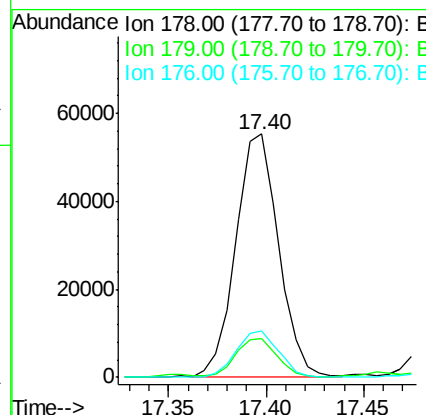
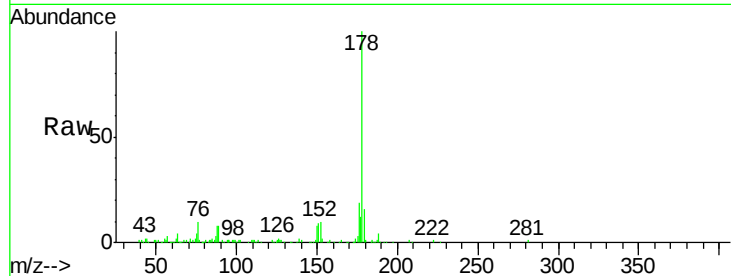
#13
Phenanthrene
Concen: 1.90 ng/ul
RT: 17.40 min Scan# 2435
Delta R.T. 0.00 min
Lab File: BG027135.D
Acq: 24 May 2017 19:31

Instrument :
BNA_G
ClientSampleId :
DAC98

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.3	18.5
176	19.3	15.1	22.7

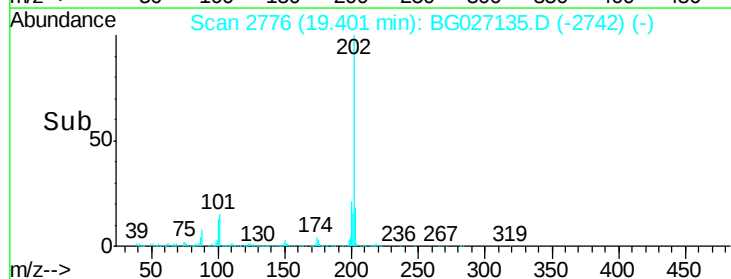
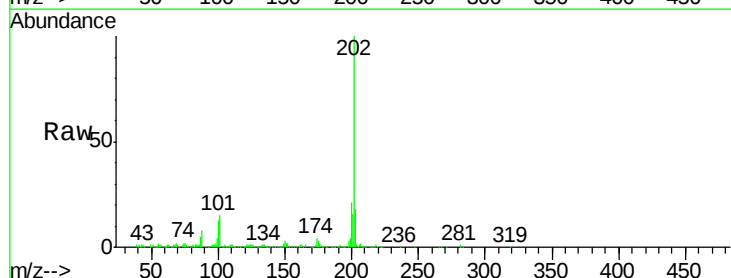
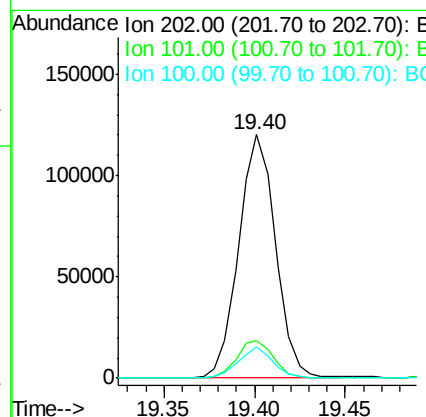
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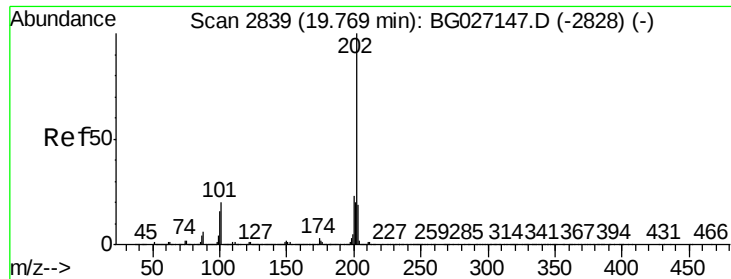
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#16
Fluoranthene
Concen: 3.74 ng/ul
RT: 19.40 min Scan# 2776
Delta R.T. -0.00 min
Lab File: BG027135.D
Acq: 24 May 2017 19:31

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.5	9.9	14.9#
100	12.7	7.4	11.0#





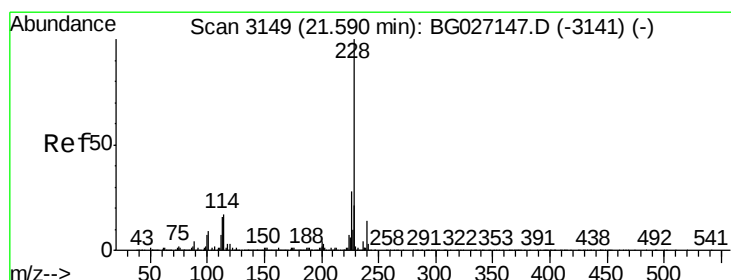
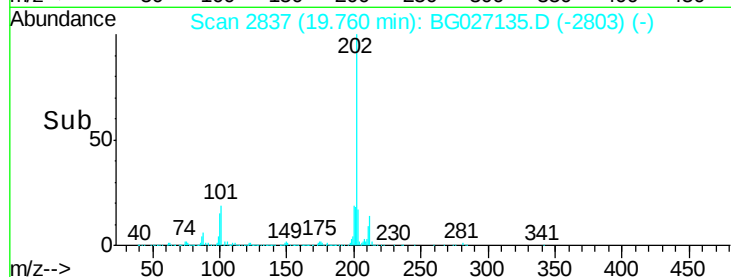
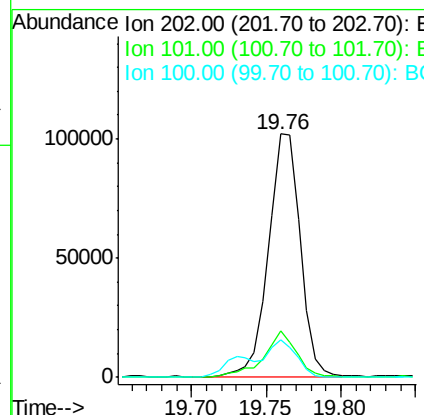
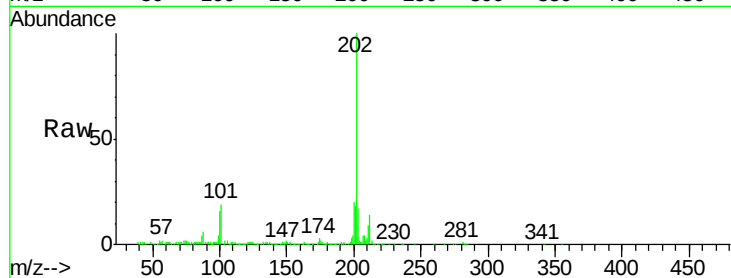
#19
 Pyrene
 Concen: 3.26 ng/ul
 RT: 19.76 min Scan# 2837
 Delta R.T. -0.00 min
 Lab File: BG027135.D
 Acq: 24 May 2017 19:31

Instrument :
 BNA_G
 ClientSampleId :
 DAC98

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	19.2	11.0	16.4#
100	15.5	8.1	12.1#

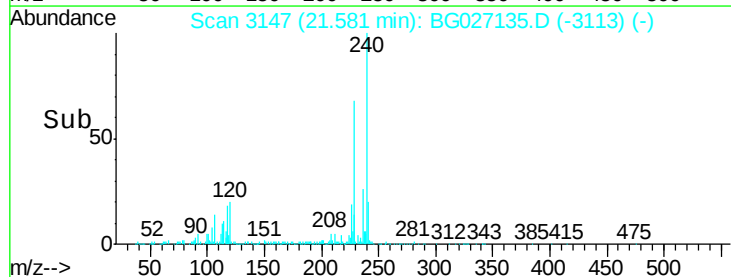
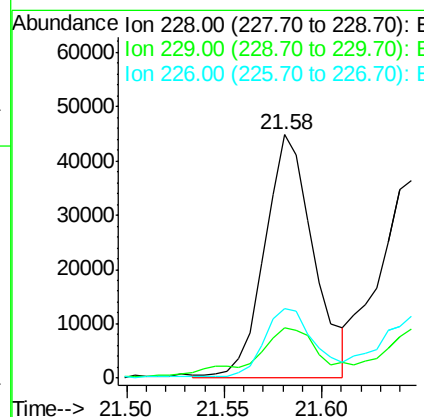
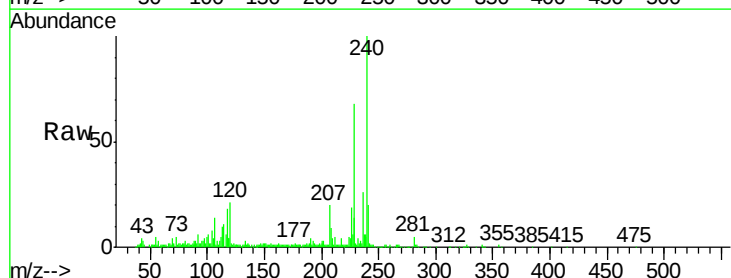
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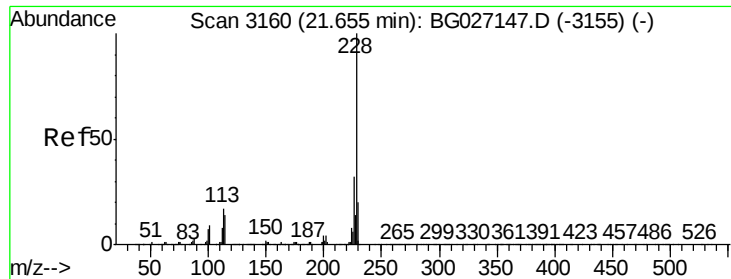
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#20
 Benzo(a)anthracene
 Concen: 1.81 ng/ul
 RT: 21.58 min Scan# 3147
 Delta R.T. -0.00 min
 Lab File: BG027135.D
 Acq: 24 May 2017 19:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.8	15.7	23.5
226	28.4	21.1	31.7





#21

Chrysene

Concen: 1.94 ng/ul m

RT: 21.65 min Scan# 3158

Delta R.T. -0.00 min

Lab File: BG027135.D

Acq: 24 May 2017 19:31

Instrument :

BNA_G

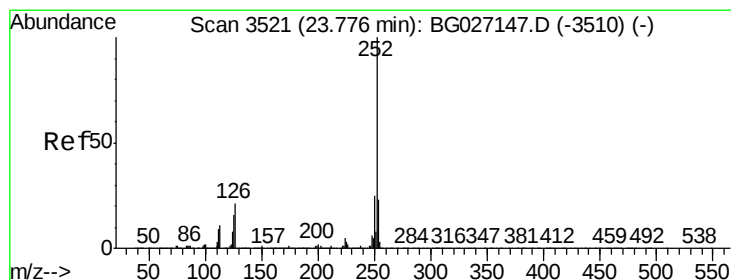
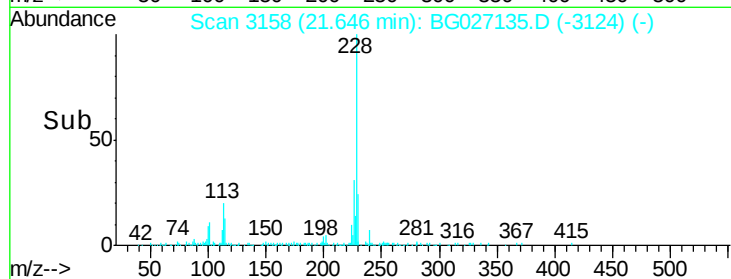
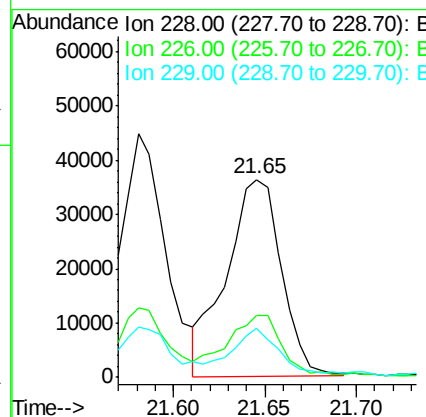
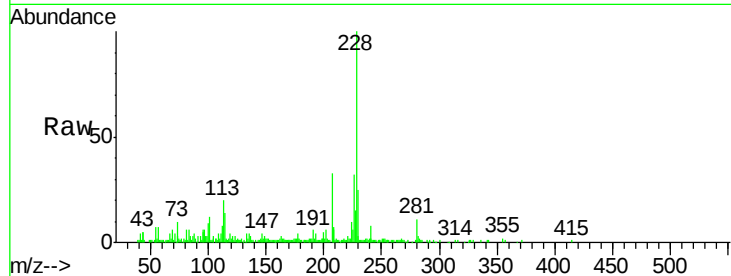
ClientSampleId :

DAC98

Tgt Ion:	228	Resp:	76022
Ion Ratio	Lower	Upper	
228	100		
226	31.5	24.5	36.7
229	25.0	15.8	23.8#

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#23

Benzo(b)fluoranthene

Concen: 2.75 ng/ul

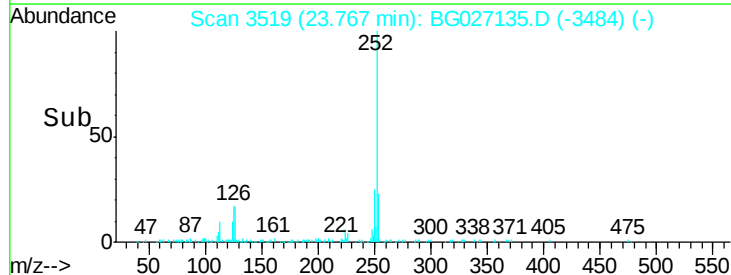
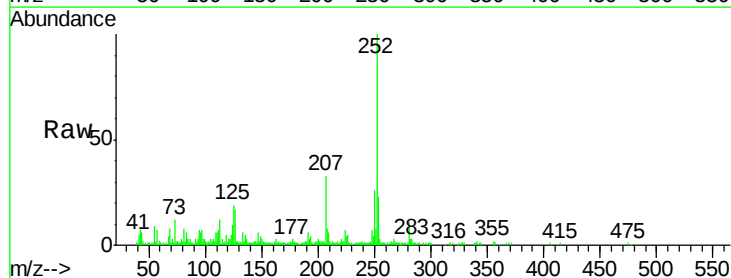
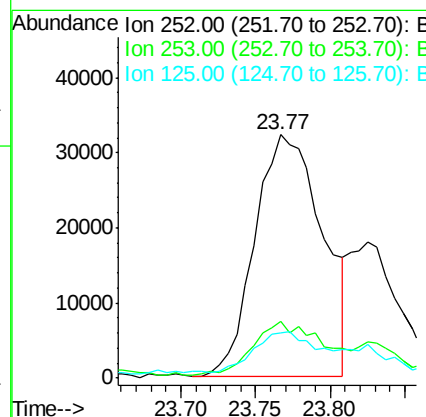
RT: 23.77 min Scan# 3519

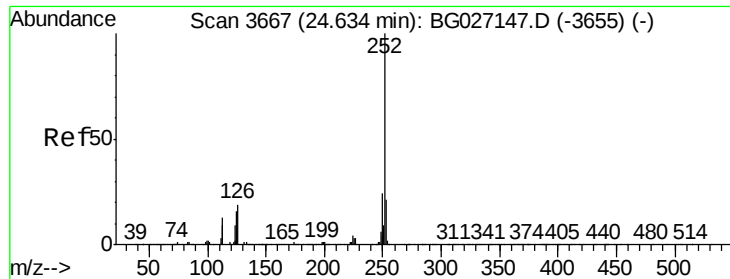
Delta R.T. 0.00 min

Lab File: BG027135.D

Acq: 24 May 2017 19:31

Tgt Ion:	252	Resp:	101021
Ion Ratio	Lower	Upper	
252	100		
253	23.4	18.0	27.0
125	18.7	8.0	12.0#





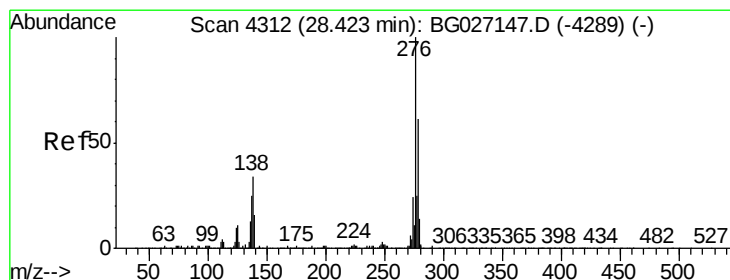
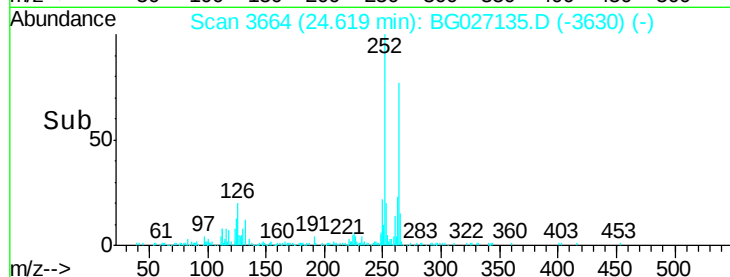
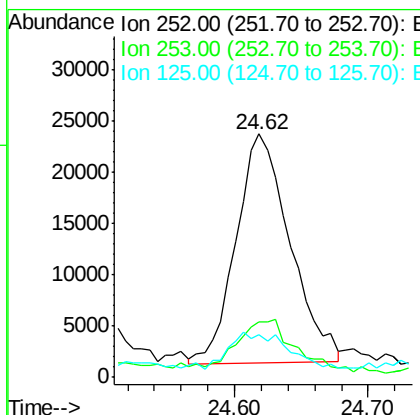
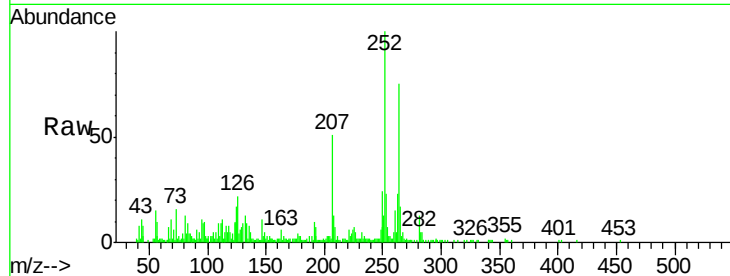
#26
Benzo(a)pyrene
Concen: 1.75 ng/ul
RT: 24.62 min Scan# 3664
Delta R.T. -0.00 min
Lab File: BG027135.D
Acq: 24 May 2017 19:31

Instrument :
BNA_G
ClientSampleId :
DAC98

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	17.4	8.2	12.4

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#27
Indeno(1,2,3-cd)pyrene
Concen: 1.09 ng/ul m
RT: 28.39 min Scan# 4306
Delta R.T. 0.01 min
Lab File: BG027135.D
Acq: 24 May 2017 19:31

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.5	14.4	21.6
277	25.4	18.0	27.0

