

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052317\
 Data File : BG027081.D
 Acq On : 23 May 2017 6:06
 Operator : SJ/MA
 Sample : I3276-11
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAC87

Manual Integrations
 APPROVED

mohammad
 5/24/2017 11:22:52 AM

Quant Time: May 23 07:06:32 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 23 04:05:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	204276	20.00	ng/ul	0.00
2) Naphthalene-d8	10.80	136	980791	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	545062	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.35	188	1056992	20.00	ng/ul	0.00
17) Chrysene-d12	21.60	240	934568	20.00	ng/ul	0.00
22) Perylene-d12	24.77	264	859201	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.31	160	1060338	18.97	ng/ul	0.00
10) Fluorene-d10	15.61	176	697420	18.70	ng/ul	0.00
14) Anthracene-d10	17.45	188	953730m	18.51	ng/ul	0.00
18) Pyrene-d10	19.73	212	941612	19.30	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.55	264	828279	19.40	ng/ul	0.00
Target Compounds						
13) Phenanthrene	17.39	178	64917	1.10	ng/ul	Qvalue 96
16) Fluoranthene	19.40	202	137763	2.28	ng/ul#	94
19) Pyrene	19.76	202	129654	2.12	ng/ul#	87
20) Benzo(a)anthracene	21.58	228	72300	1.28	ng/ul	96
21) Chrysene	21.64	228	79092	1.53	ng/ul	97
23) Benzo(b)fluoranthene	23.76	252	117971	2.31	ng/ul#	92
26) Benzo(a)pyrene	24.61	252	69638	1.39	ng/ul#	91
29) Benzo(g,h,i)perylene	29.50	276	36722m	1.00	ng/ul	

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

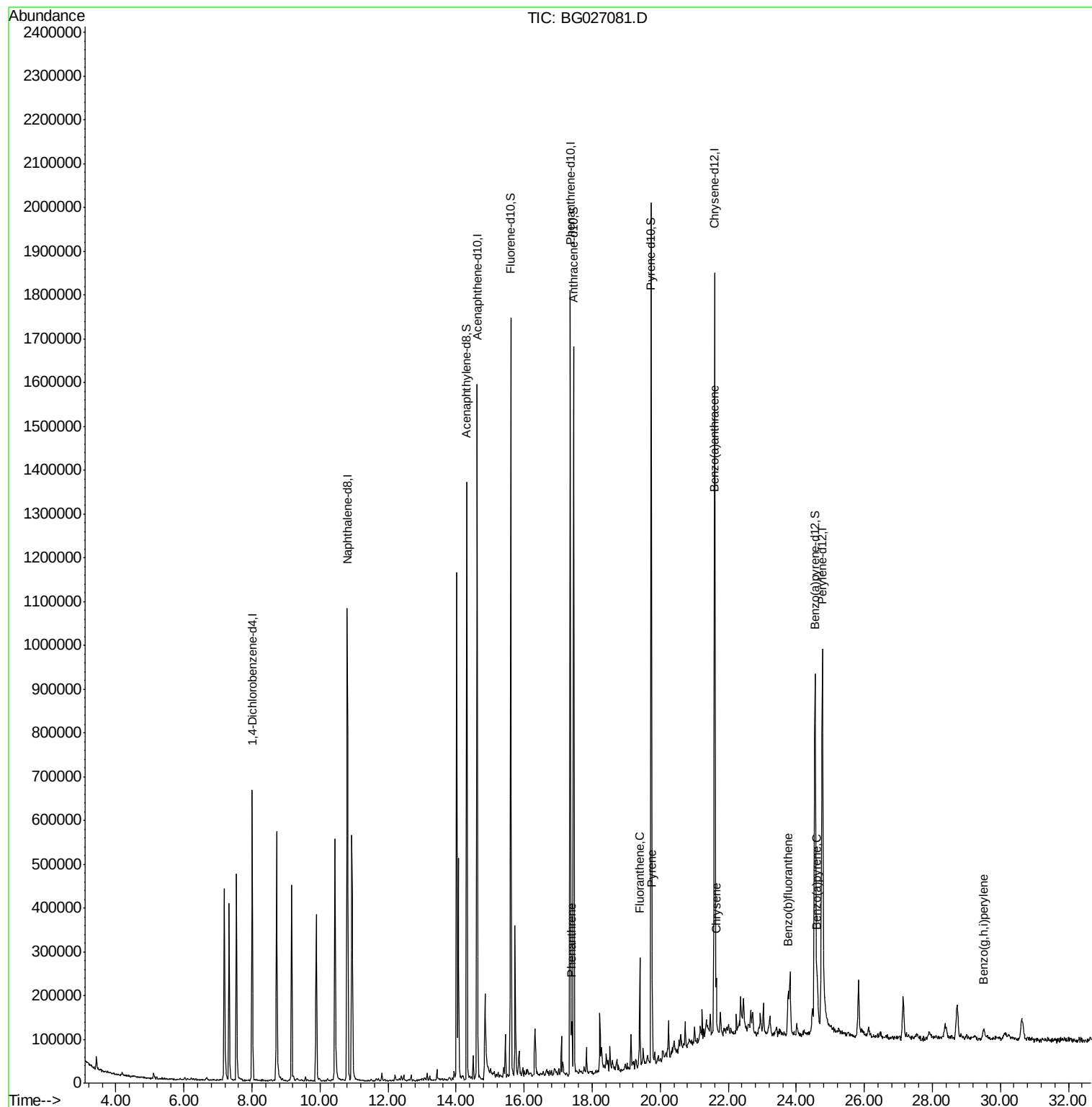
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052317\
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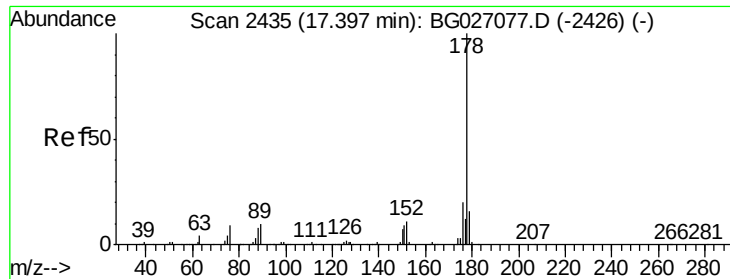
Instrument :
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Quant Title : SVOA CALIBRATION
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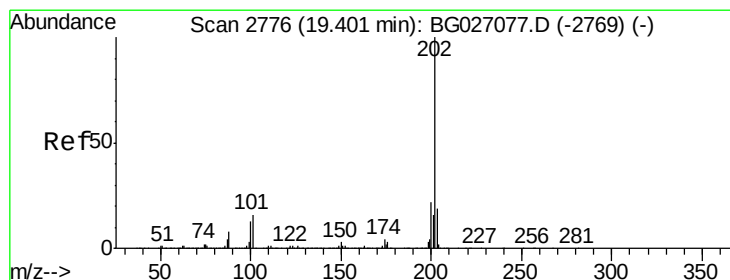
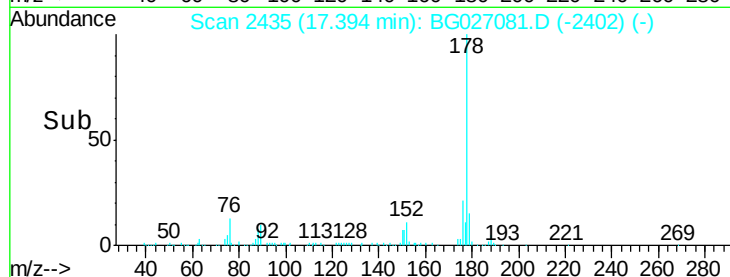
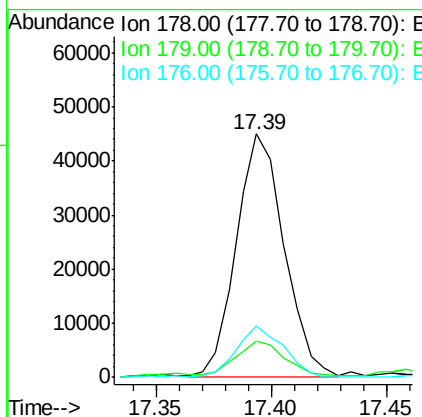
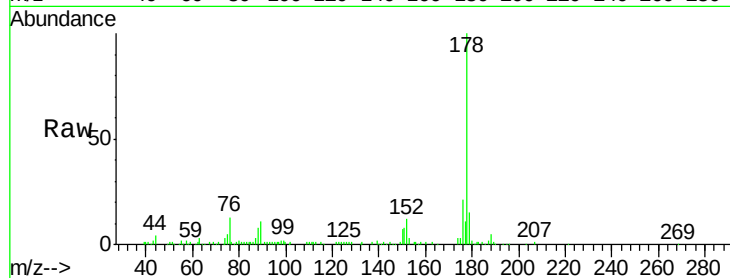
#13
Phenanthrene
Concen: 1.10 ng/ul
RT: 17.39 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG027081.D
Acq: 23 May 2017 6:06

Instrument :
BNA_G
ClientSampleId :
DAC87

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	64917		
179	14.8	12.3	18.5	
176	21.3	15.1	22.7	

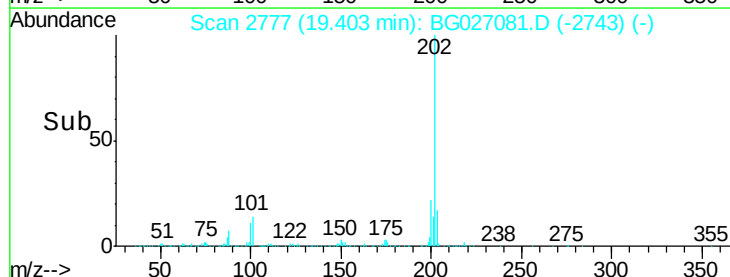
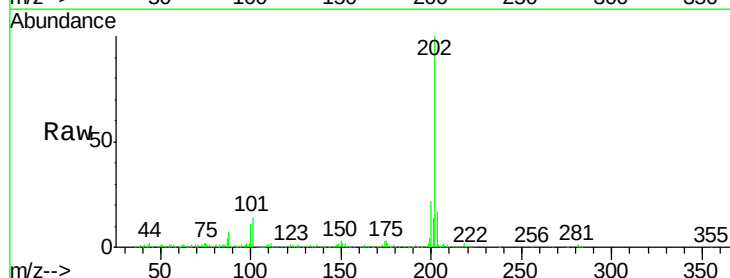
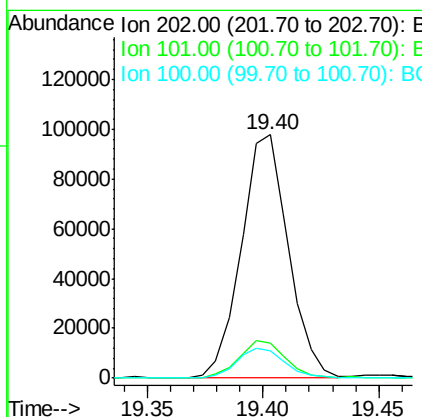
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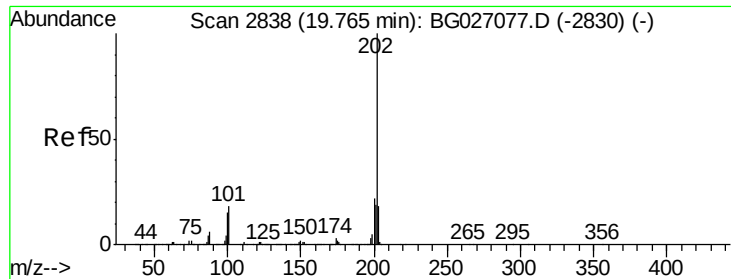
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#16
Fluoranthene
Concen: 2.28 ng/ul
RT: 19.40 min Scan# 2777
Delta R.T. 0.00 min
Lab File: BG027081.D
Acq: 23 May 2017 6:06

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	137763		
101	14.4	9.9	14.9	
100	11.4	7.4	11.0	





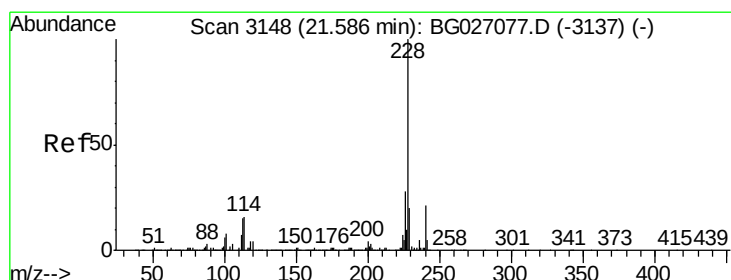
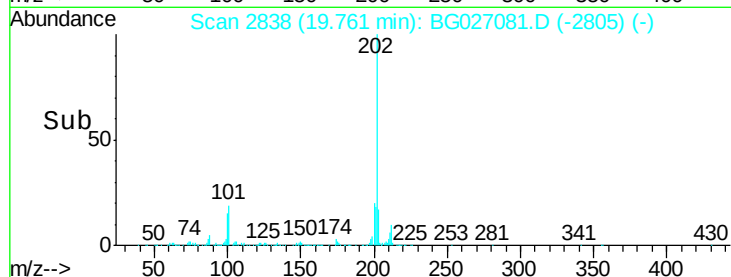
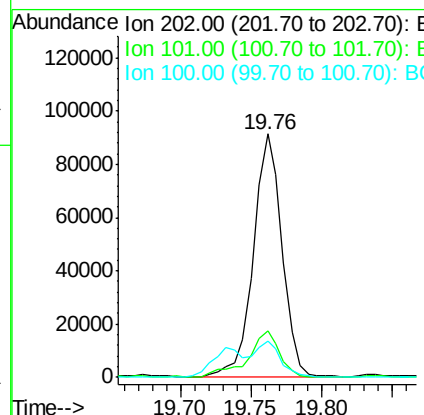
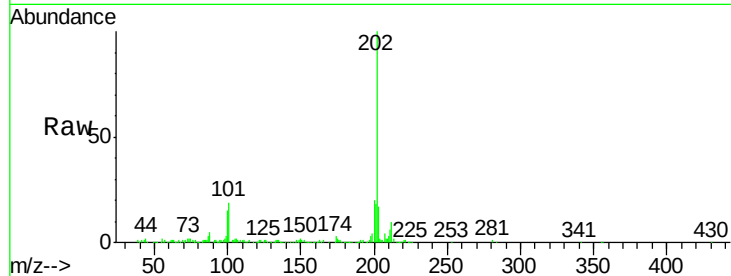
#19
 Pyrene
 Concen: 2.12 ng/ul
 RT: 19.76 min Scan# 2838
 Delta R.T. -0.00 min
 Lab File: BG027081.D
 Acq: 23 May 2017 6:06

Instrument :
 BNA_G
 ClientSampleId :
 DAC87

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	19.0	11.0	16.4#
100	15.1	8.1	12.1#

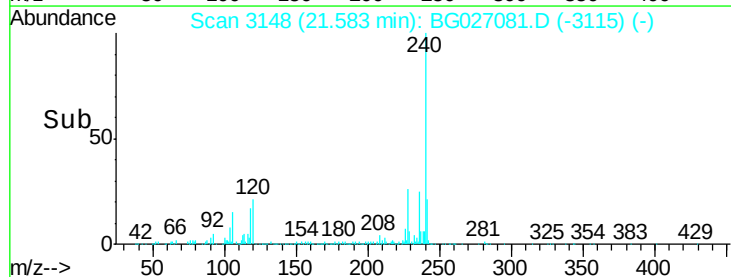
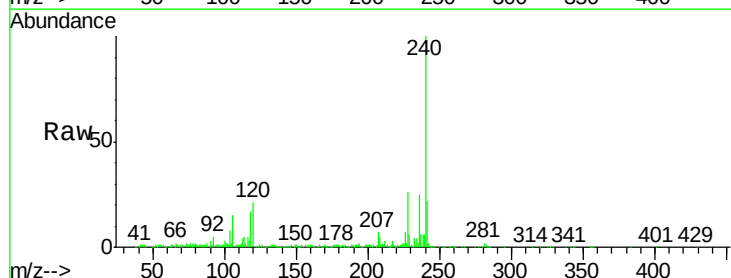
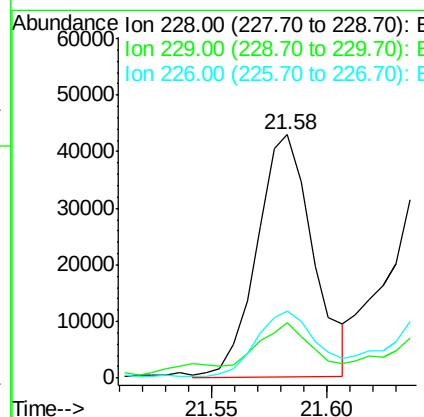
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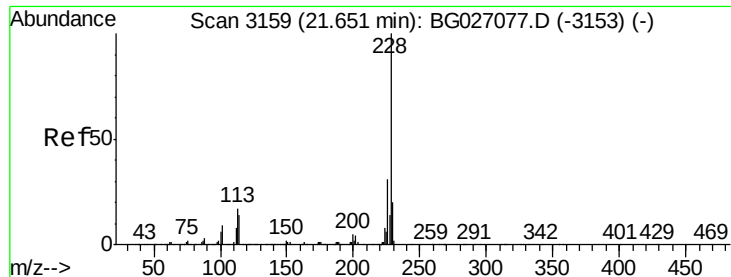
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#20
 Benzo(a)anthracene
 Concen: 1.28 ng/ul
 RT: 21.58 min Scan# 3148
 Delta R.T. -0.00 min
 Lab File: BG027081.D
 Acq: 23 May 2017 6:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	22.9	15.7	23.5
226	27.4	21.1	31.7





#21

Chrysene

Concen: 1.53 ng/ul

RT: 21.64 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG027081.D

Acq: 23 May 2017 6:06

Instrument :

BNA_G

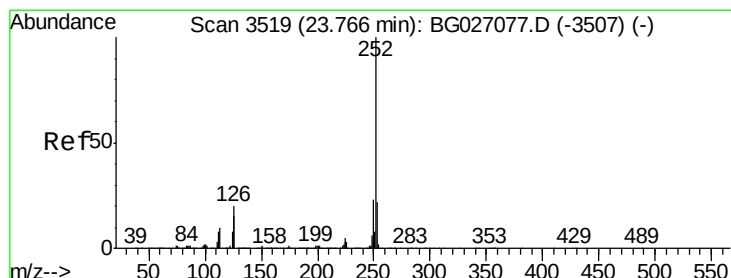
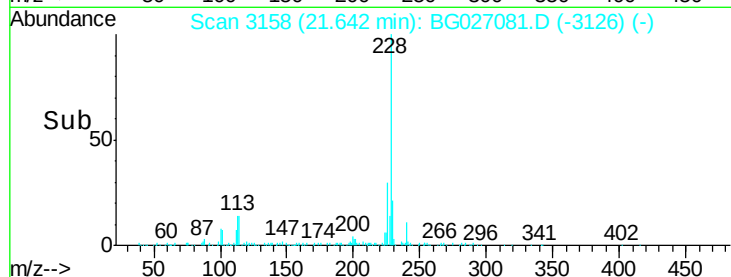
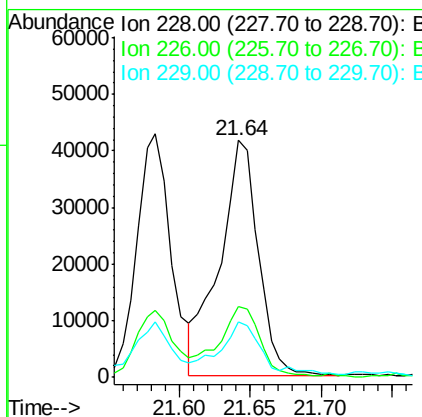
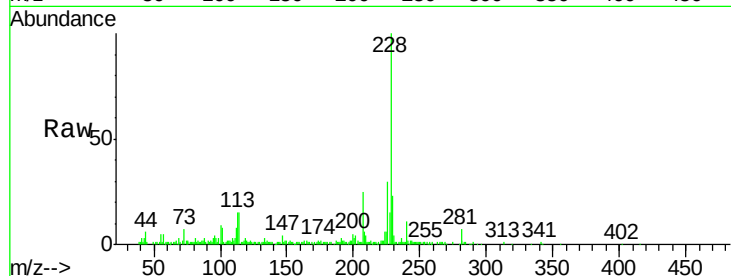
ClientSampled :

DAC87

Tgt Ion:	228	Resp:	79092
Ion Ratio	Lower	Upper	
228	100		
226	30.1	24.5	36.7
229	23.1	15.8	23.8

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#23

Benzo(b)fluoranthene

Concen: 2.31 ng/ul

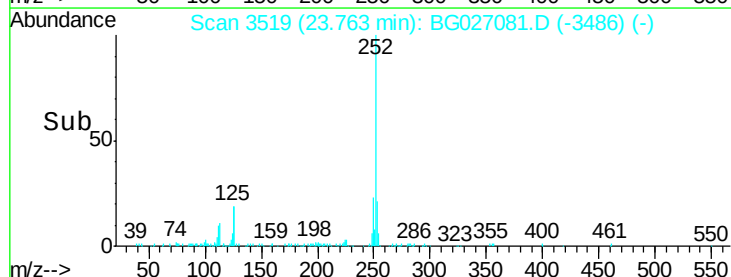
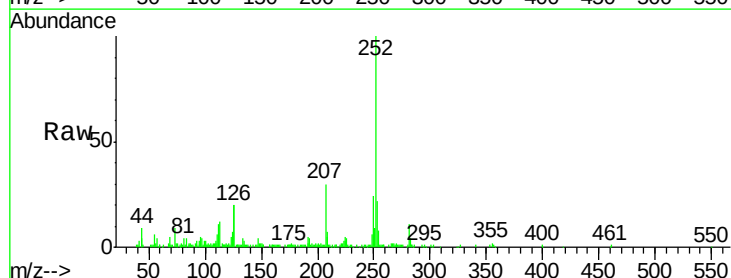
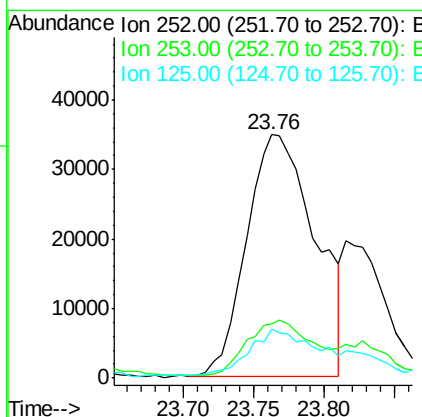
RT: 23.76 min Scan# 3519

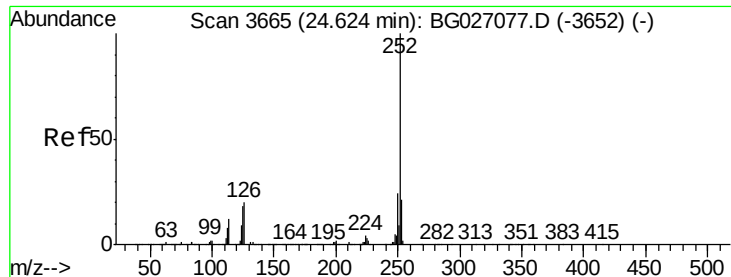
Delta R.T. -0.00 min

Lab File: BG027081.D

Acq: 23 May 2017 6:06

Tgt Ion:	252	Resp:	117971
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.0	27.0
125	19.9	8.0	12.0#





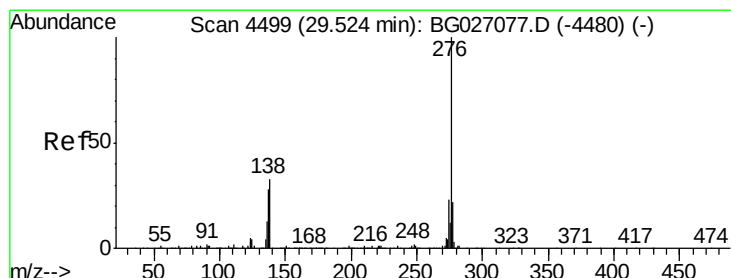
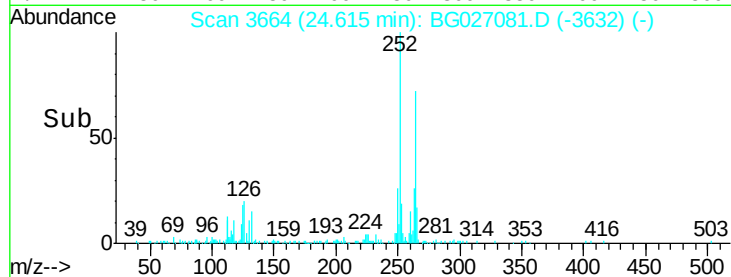
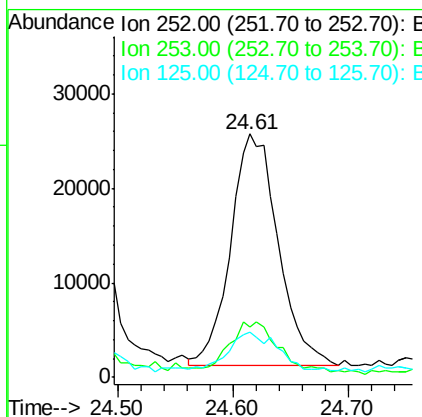
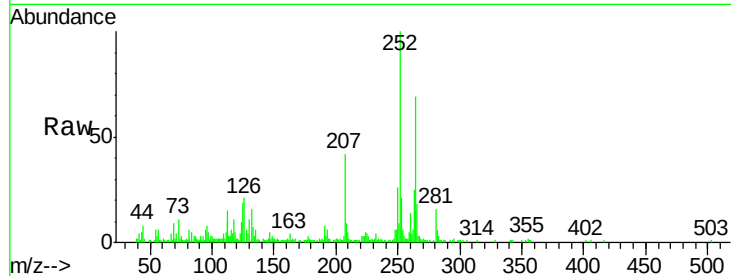
#26
Benzo(a)pyrene
Concen: 1.39 ng/ul
RT: 24.61 min Scan# 3664
Delta R.T. -0.01 min
Lab File: BG027081.D
Acq: 23 May 2017 6:06

Instrument :
BNA_G
ClientSampleId :
DAC87

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.5	17.2	25.8
125	18.7	8.2	12.4#

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#29
Benzo(g,h,i)perylene
Concen: 1.00 ng/ul m
RT: 29.50 min Scan# 4496
Delta R.T. -0.02 min
Lab File: BG027081.D
Acq: 23 May 2017 6:06

Tgt Ion	Ratio	Lower	Upper
276	100		
138	37.2	15.3	22.9#
277	29.4	19.0	28.4#

