

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051817\
 Data File : BG027029.D
 Acq On : 19 May 2017 7:47
 Operator : SJ/MA
 Sample : I3136-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAC21

Manual Integrations
 APPROVED

mohammad
 5/22/2017 11:05:02 AM

Quant Time: May 19 08:25:22 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 19 04:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	248708	20.00	ng/ul	0.00
2) Naphthalene-d8	10.80	136	1163546	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	623584	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.35	188	1133953	20.00	ng/ul	0.00
17) Chrysene-d12	21.60	240	1029642	20.00	ng/ul	0.00
22) Perylene-d12	24.76	264	1048109	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.31	160	1090705	17.05	ng/ul	0.00
10) Fluorene-d10	15.60	176	709531	16.63	ng/ul	0.00
14) Anthracene-d10	17.45	188	966442m	17.48	ng/ul	0.00
18) Pyrene-d10	19.73	212	926923	17.24	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.54	264	930225	17.86	ng/ul	0.00
Target Compounds						
13) Phenanthrene	17.40	178	99139	1.56	ng/ul	Qvalue 100
16) Fluoranthene	19.40	202	178298	2.75	ng/ul#	95
19) Pyrene	19.76	202	153705	2.28	ng/ul#	89
20) Benzo(a)anthracene	21.58	228	88866	1.43	ng/ul	93
21) Chrysene	21.64	228	91786	1.61	ng/ul	99
23) Benzo(b)fluoranthene	23.76	252	130337	2.09	ng/ul#	89
26) Benzo(a)pyrene	24.62	252	78417	1.29	ng/ul#	88

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

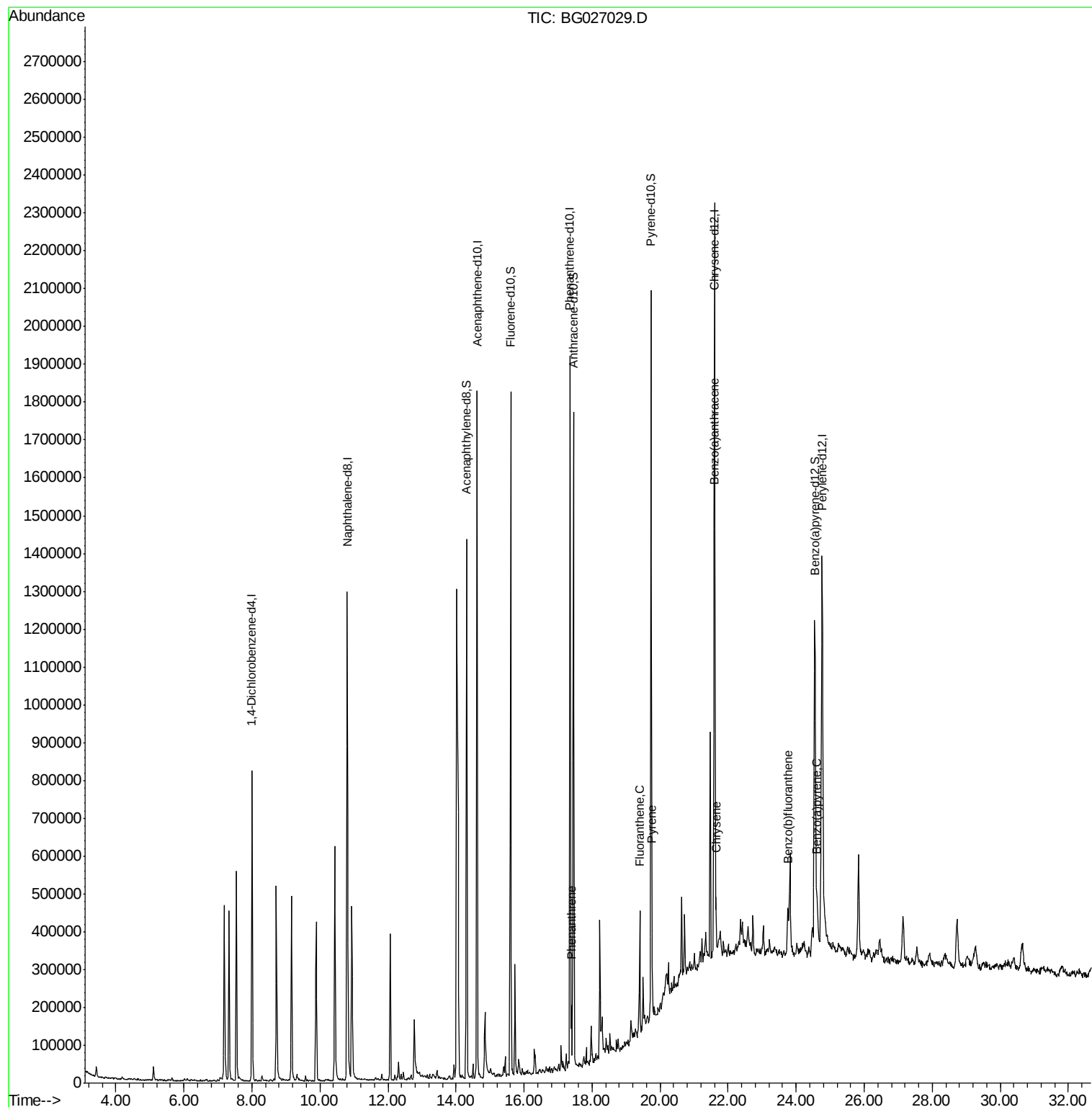
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051817\
Data File : BG027029.D
Acq On : 19 May 2017 7:47
Operator : SJ/MA
Sample : I3136-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

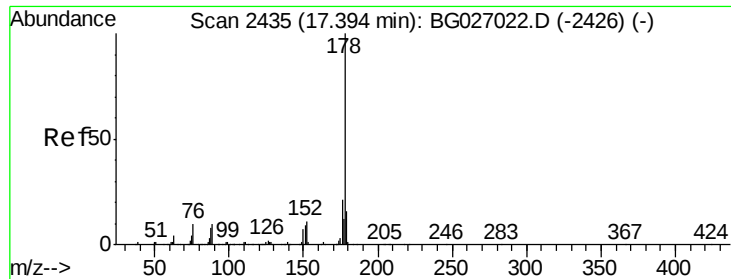
Instrument :
BNA_G
ClientSampleId :
DAC21

Manual Integrations
APPROVED

mohammad
5/22/2017 11:05:02 AM

Quant Time: May 19 08:25:22 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 19 04:25:04 2017
Response via : Initial Calibration





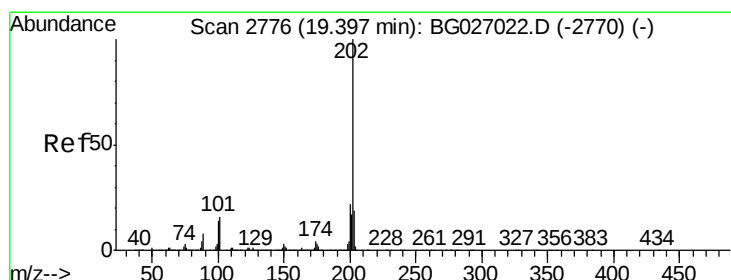
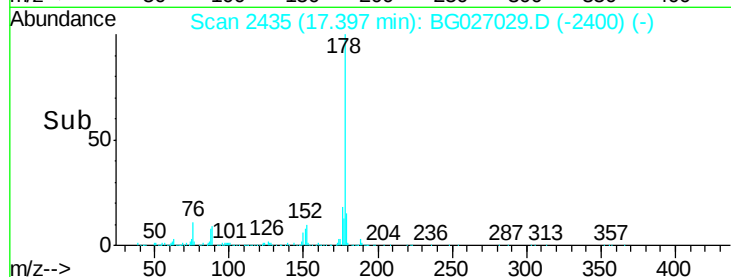
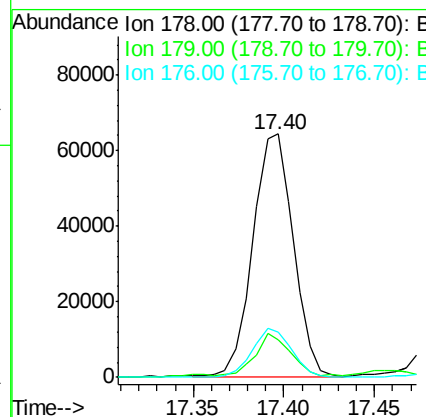
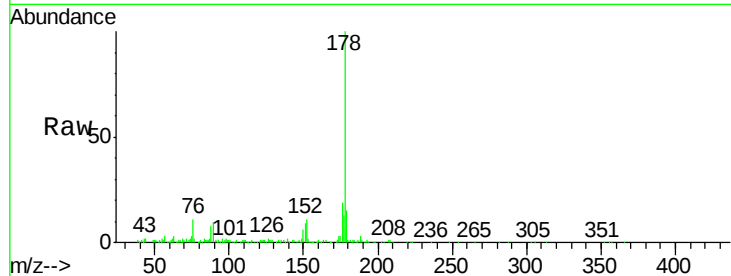
#13
Phenanthrene
Concen: 1.56 ng/ul
RT: 17.40 min Scan# 2435
Delta R.T. 0.00 min
Lab File: BG027029.D
Acq: 19 May 2017 7:47

Instrument :
BNA_G
ClientSampleId :
DAC21

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	99139		
179	15.5	12.3	18.5	
176	18.7	15.1	22.7	

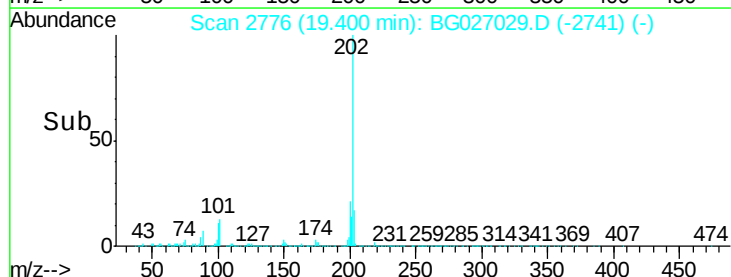
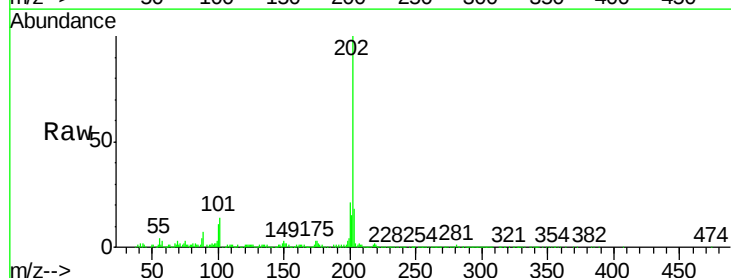
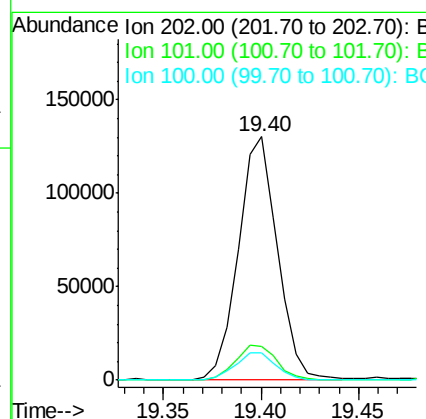
Manual Integrations
APPROVED

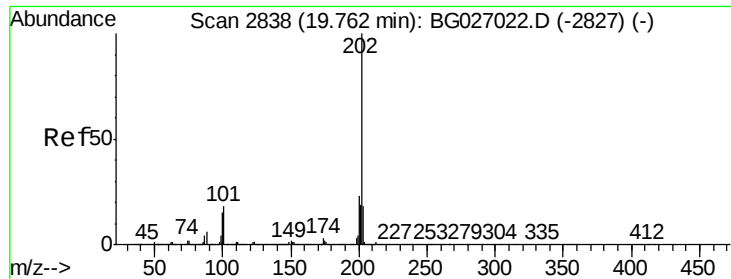
mohammad
5/22/2017 11:05:02 AM



#16
Fluoranthene
Concen: 2.75 ng/ul
RT: 19.40 min Scan# 2776
Delta R.T. 0.00 min
Lab File: BG027029.D
Acq: 19 May 2017 7:47

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	178298		
101	13.7	9.9	14.9	
100	11.4	7.4	11.0	





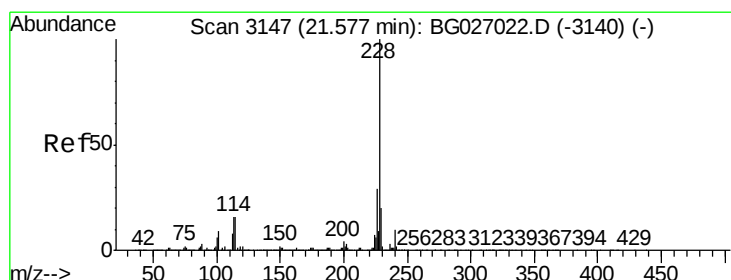
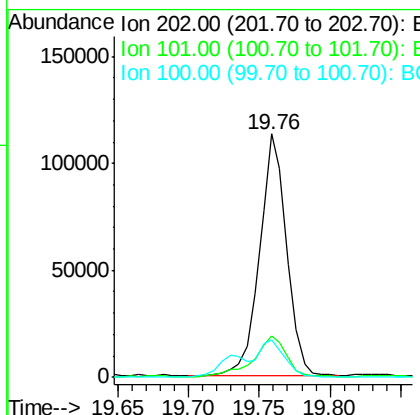
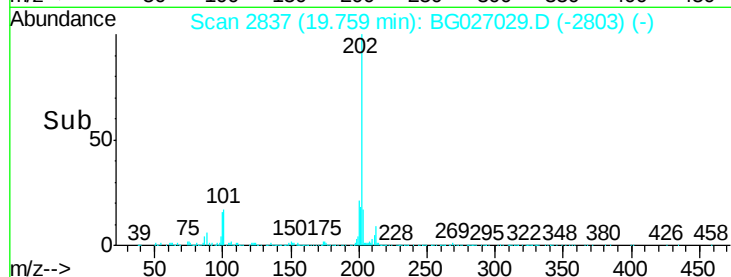
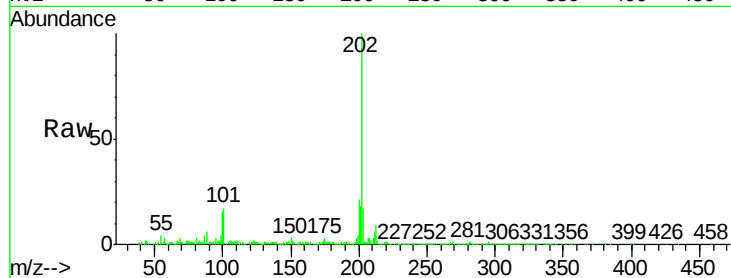
#19
Pyrene
Concen: 2.28 ng/ul
RT: 19.76 min Scan# 2837
Delta R.T. -0.00 min
Lab File: BG027029.D
Acq: 19 May 2017 7:47

Instrument :
BNA_G
ClientSampleId :
DAC21

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	17.0	11.0	16.4#
100	15.6	8.1	12.1#

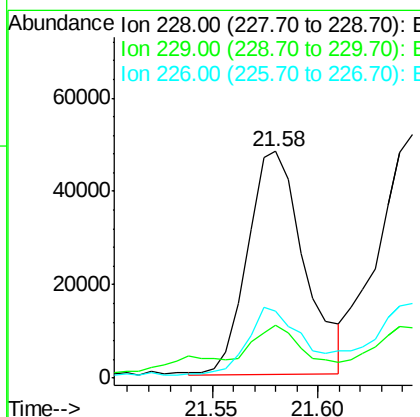
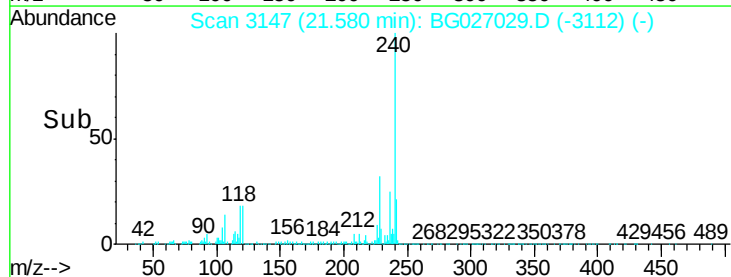
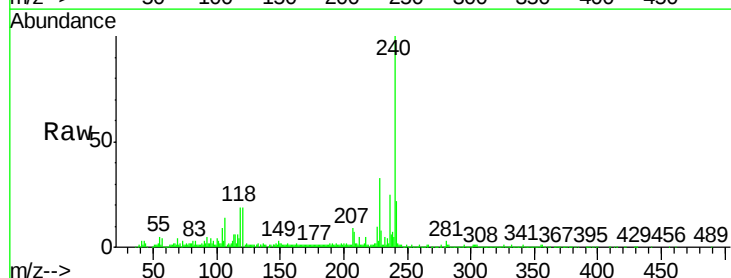
Manual Integrations
APPROVED

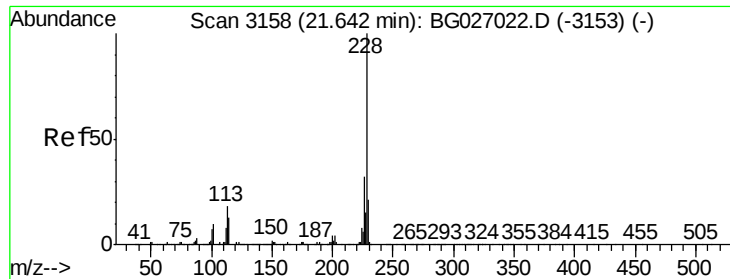
mohammad
5/22/2017 11:05:02 AM



#20
Benzo(a)anthracene
Concen: 1.43 ng/ul
RT: 21.58 min Scan# 3147
Delta R.T. 0.00 min
Lab File: BG027029.D
Acq: 19 May 2017 7:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	23.3	15.7	23.5
226	29.3	21.1	31.7





#21

Chrysene

Concen: 1.61 ng/ul

RT: 21.64 min Scan# 3158

Delta R.T. 0.00 min

Lab File: BG027029.D

Acq: 19 May 2017 7:47

Instrument :

BNA_G

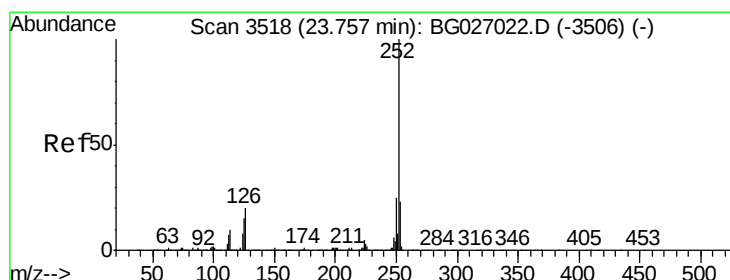
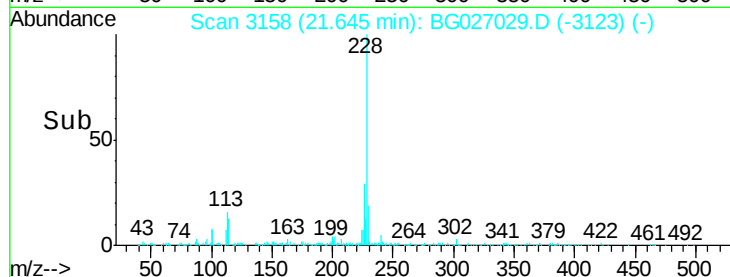
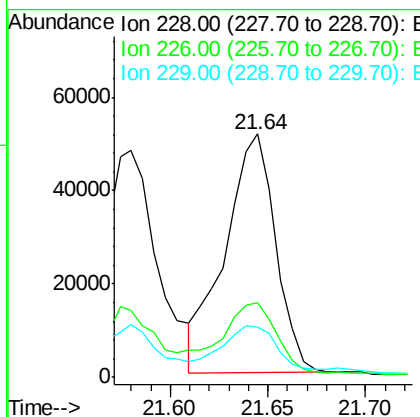
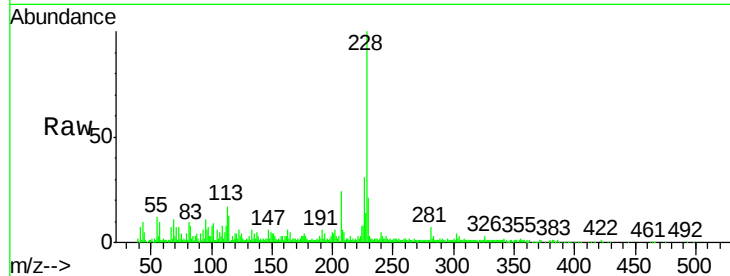
ClientSampleId :

DAC21

Tgt Ion:	228	Resp:	91786
Ion Ratio	Lower	Upper	
228	100		
226	30.6	24.5	36.7
229	20.7	15.8	23.8

Manual Integrations
APPROVED

mohammad
5/22/2017 11:05:02 AM



#23

Benzo(b)fluoranthene

Concen: 2.09 ng/ul

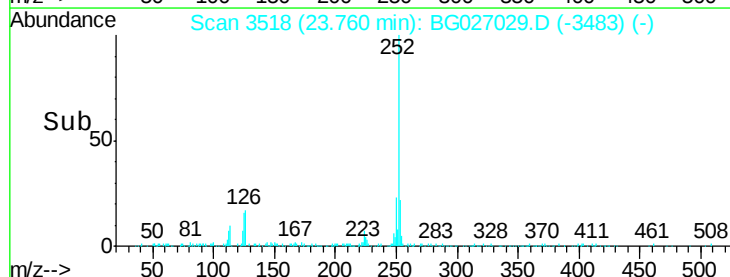
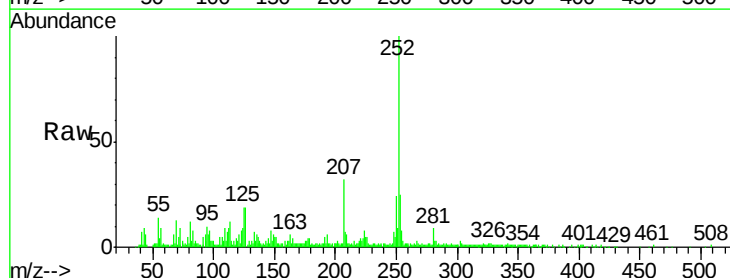
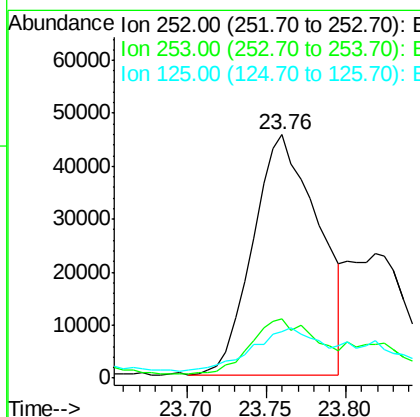
RT: 23.76 min Scan# 3518

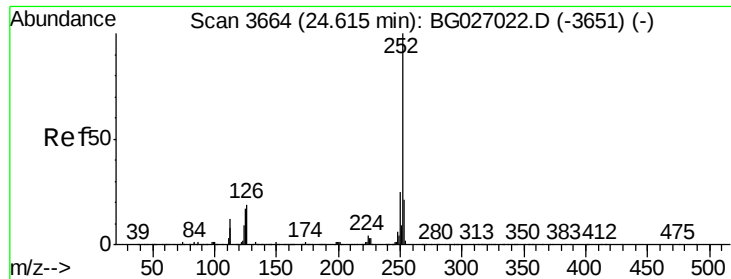
Delta R.T. 0.00 min

Lab File: BG027029.D

Acq: 19 May 2017 7:47

Tgt Ion:	252	Resp:	130337
Ion Ratio	Lower	Upper	
252	100		
253	24.5	18.0	27.0
125	19.2	8.0	12.0#





#26
Benzo(a)pyrene
Concen: 1.29 ng/ul
RT: 24.62 min Scan# 3664
Delta R.T. 0.00 min
Lab File: BG027029.D
Acq: 19 May 2017 7:47

Instrument :
BNA_G
ClientSampleId :
DAC21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	23.3	8.2	12.4

Manual Integrations
APPROVED

mohammad
5/22/2017 11:05:02 AM

