

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031517\
 Data File : BG026236.D
 Acq On : 15 Mar 2017 15:26
 Operator : SJ/MA
 Sample : I2236-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DABF7

Manual Integrations
 APPROVED

mohammad
 3/17/2017 1:05:54 PM

Quant Time: Mar 16 04:05:08 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.3-EPA-BG021617MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 16 03:52:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	68396	20.00	ng/ul	0.00
2) Naphthalene-d8	10.86	136	348863	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	240129	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	603169	20.00	ng/ul	0.00
17) Chrysene-d12	21.64	240	612530	20.00	ng/ul	0.00
22) Perylene-d12	24.82	264	575037	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.35	160	715490	35.98	ng/ul	0.00
10) Fluorene-d10	15.64	176	566953	37.13	ng/ul	0.00
14) Anthracene-d10	17.49	188	915960	33.59	ng/ul	0.00
18) Pyrene-d10	19.76	212	927207	31.41	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.60	264	857399	33.69	ng/ul	0.00
Target Compounds						
3) Naphthalene	10.90	128	115774	6.73	ng/ul	Ovalue 96
5) 1-Methylnaphthalene	12.72	142	184505	13.96	ng/ul#	93
8) Acenaphthylene	14.38	152	196096	9.63	ng/ul	97
11) Fluorene	15.70	166	486395	28.48	ng/ul	95
15) Anthracene	17.52	178	378077	11.57	ng/ul	99
20) Benzo(a)anthracene	21.62	228	642894	18.66	ng/ul	98
23) Benzo(b)fluoranthene	23.81	252	715471m	21.54	ng/ul	
24) Benzo(k)fluoranthene	23.87	252	341249	10.63	ng/ul	98

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

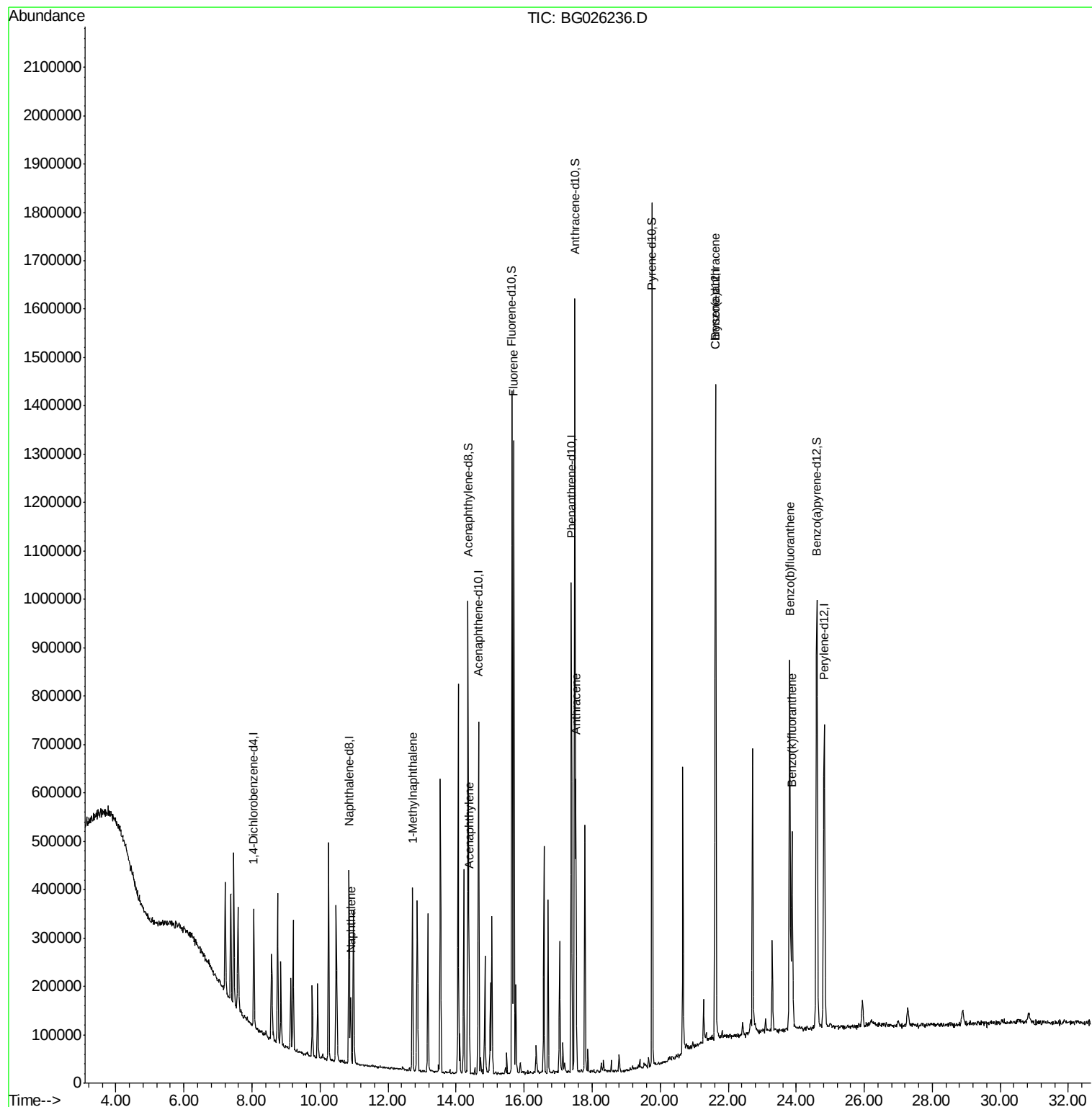
Data Path : Z:\HPCHEM1\BNA G\DATA\BG031517\
Data File : BG026236.D
Acq On : 15 Mar 2017 15:26
Operator : SJ/MA
Sample : I2236-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

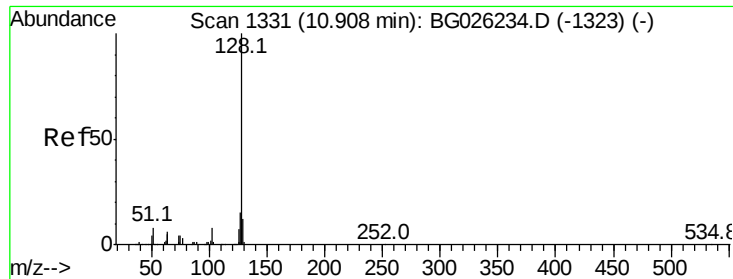
Instrument :
BNA_G
ClientSampleId :
DABF7

Manual Integrations
APPROVED

mohammad
3/17/2017 1:05:54 PM

Quant Time: Mar 16 04:05:08 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.3-EPA-BG021617MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 16 03:52:56 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 6.73 ng/ul

RT: 10.90 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BG026236.D

Acq: 15 Mar 2017 15:26

Instrument :

BNA_G

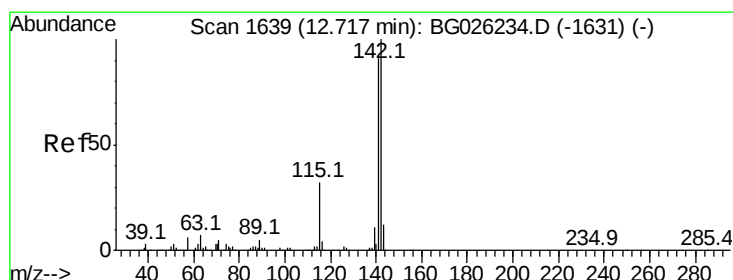
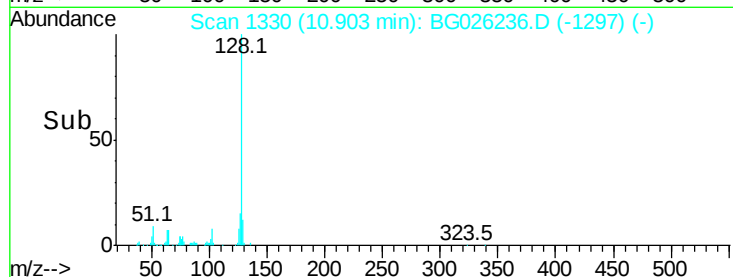
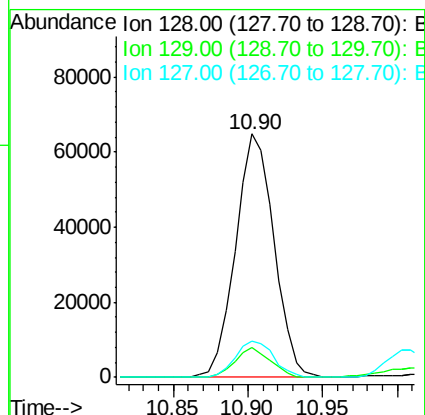
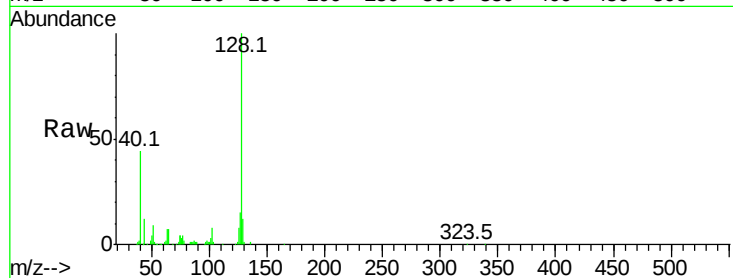
ClientSampleId :

DABF7

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.3	8.7	13.1
127	15.0	10.6	16.0

Manual Integrations
APPROVED

mohammad
3/17/2017 1:05:54 PM



#5

1-Methylnaphthalene

Concen: 13.96 ng/ul

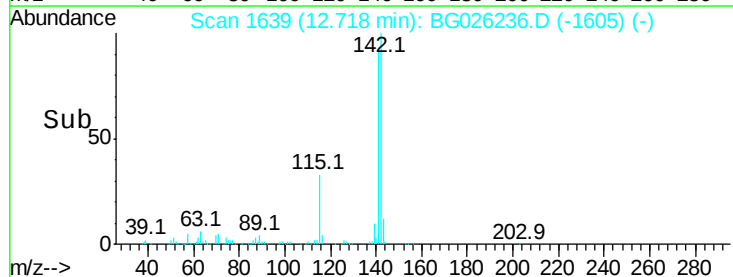
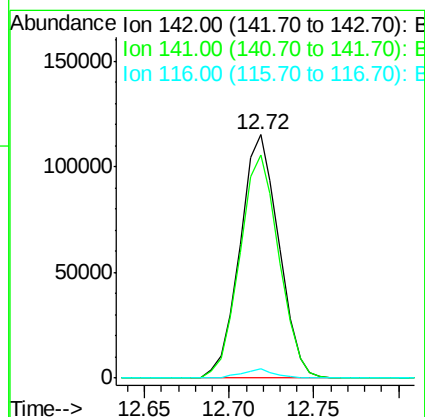
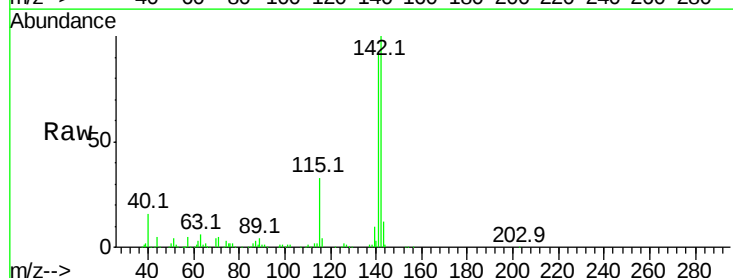
RT: 12.72 min Scan# 1639

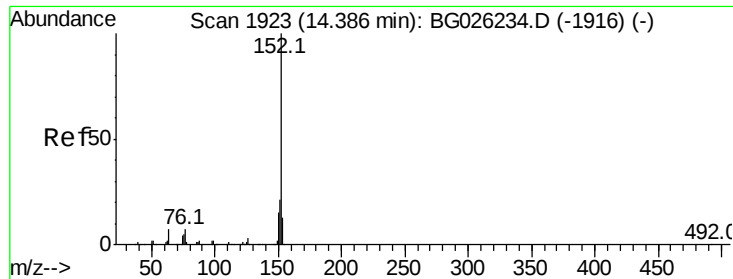
Delta R.T. 0.00 min

Lab File: BG026236.D

Acq: 15 Mar 2017 15:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	79.3	118.9
116	3.7	4.2	6.2#





#8

Acenaphthylene

Concen: 9.63 ng/ul

RT: 14.38 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BG026236.D

Acq: 15 Mar 2017 15:26

Instrument :

BNA_G

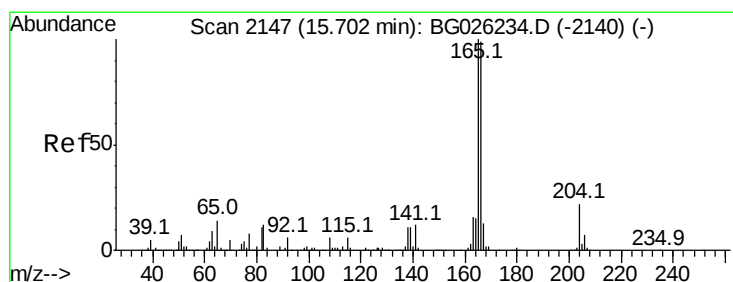
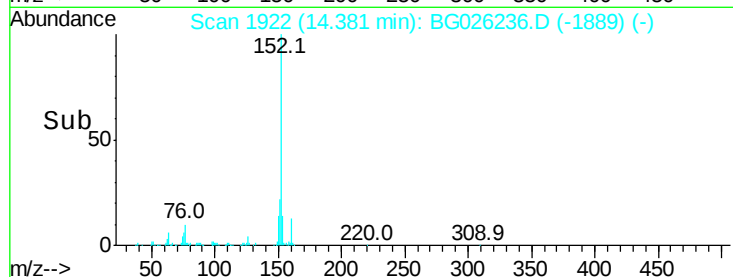
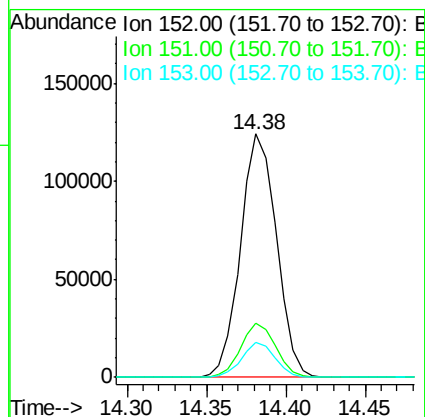
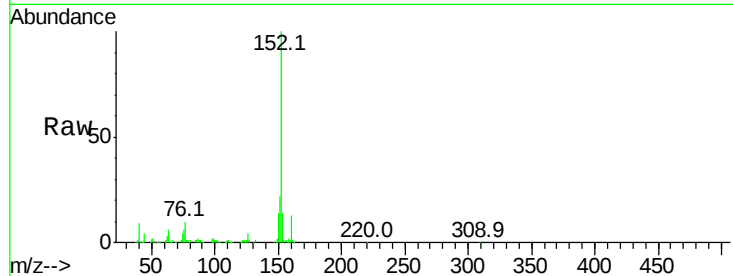
ClientSampleId :

DABF7

Tot Ion:	152	Resp:	196096
Ion Ratio	Lower	Upper	
152	100		
151	22.5	16.7	25.1
153	14.3	10.2	15.4

Manual Integrations
APPROVED

mohammad
3/17/2017 1:05:54 PM



#11

Fluorene

Concen: 28.48 ng/ul

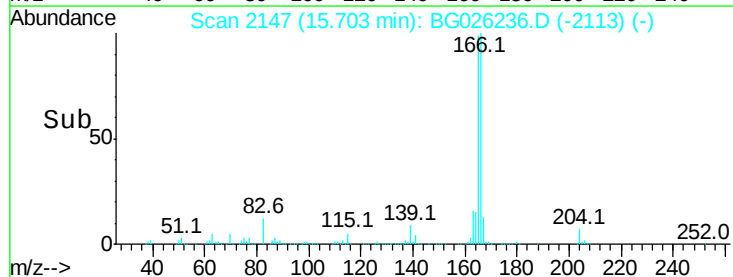
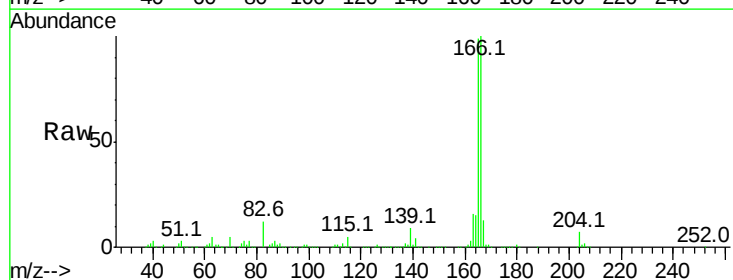
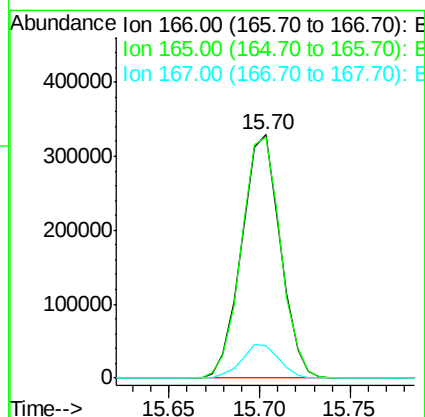
RT: 15.70 min Scan# 2147

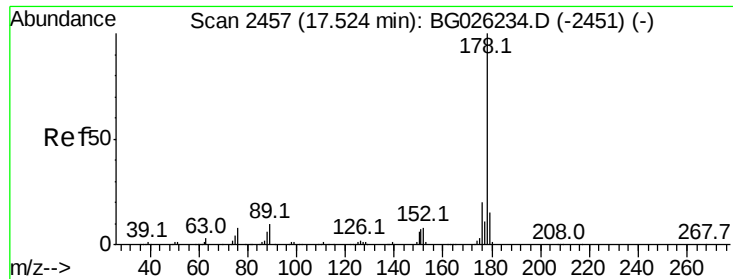
Delta R.T. 0.00 min

Lab File: BG026236.D

Acq: 15 Mar 2017 15:26

Tgt Ion:	166	Resp:	486395
Ion Ratio	Lower	Upper	
166	100		
165	99.3	83.8	125.8
167	13.5	11.5	17.3





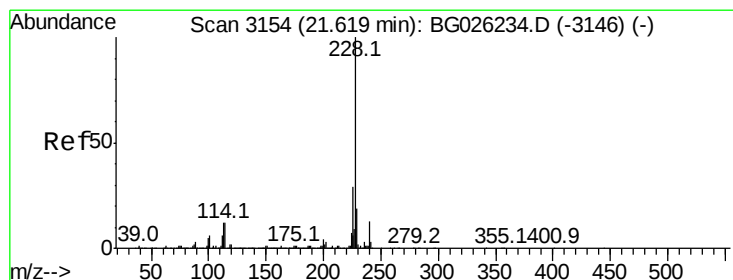
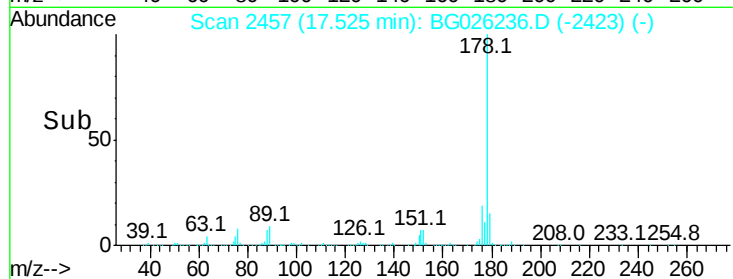
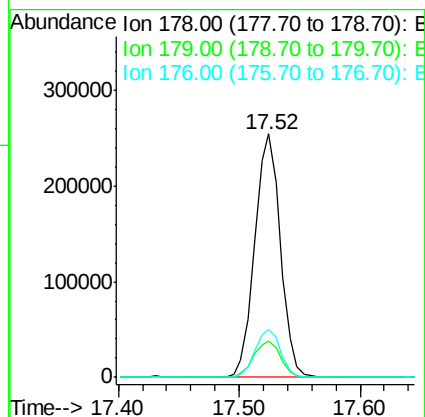
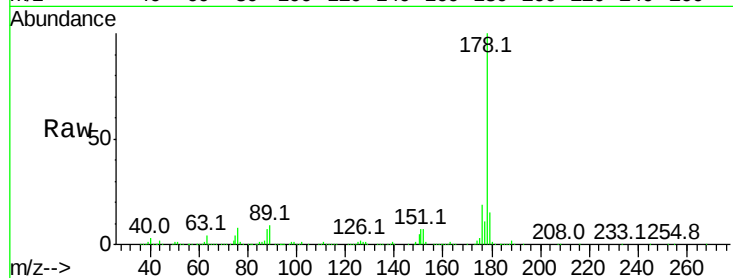
#15
 Anthracene
 Concen: 11.57 ng/ul
 RT: 17.52 min Scan# 2457
 Delta R.T. 0.00 min
 Lab File: BG026236.D
 Acq: 15 Mar 2017 15:26

Instrument :
 BNA_G
 ClientSampleId :
 DABF7

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.1	11.8	17.8
176	19.5	15.2	22.8

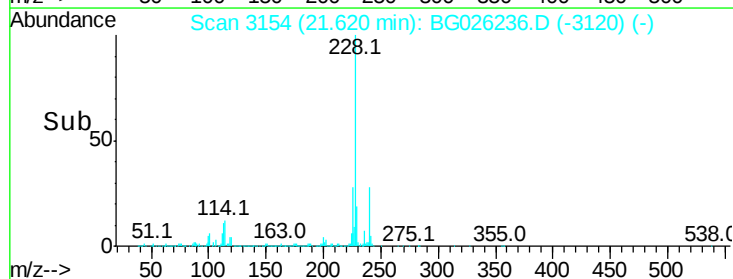
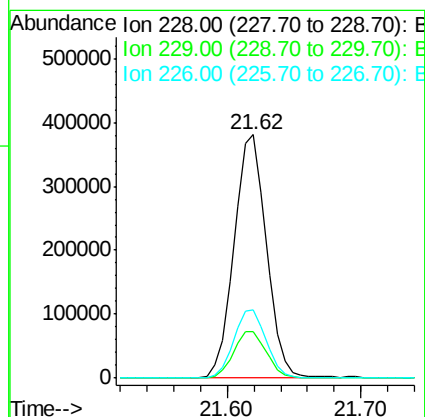
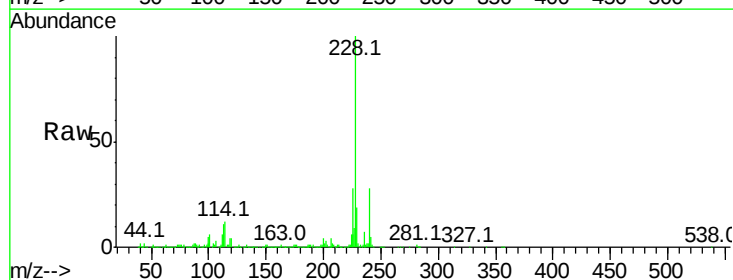
Manual Integrations
 APPROVED

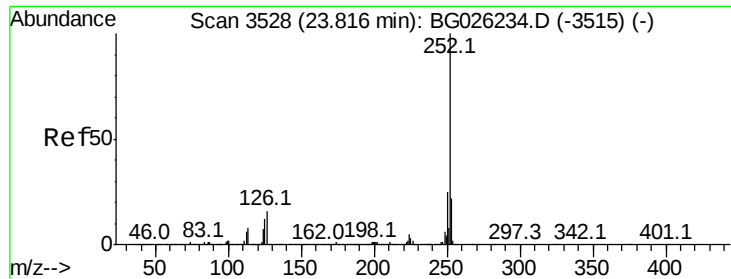
mohammad
 3/17/2017 1:05:54 PM



#20
 Benzo(a)anthracene
 Concen: 18.66 ng/ul
 RT: 21.62 min Scan# 3154
 Delta R.T. 0.00 min
 Lab File: BG026236.D
 Acq: 15 Mar 2017 15:26

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.3	15.7	23.5
226	28.0	21.1	31.7





#23

Benzo(b)fluoranthene

Concen: 21.54 ng/ul m

RT: 23.81 min Scan# 3527

Delta R.T. -0.00 min

Lab File: BG026236.D

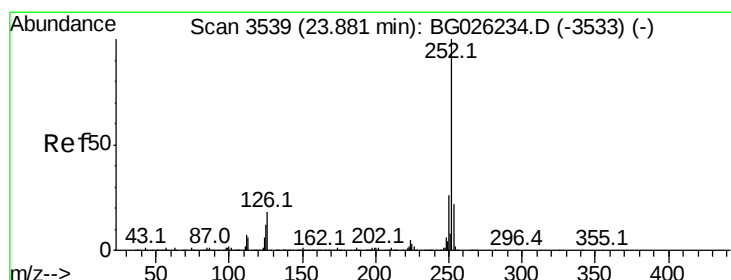
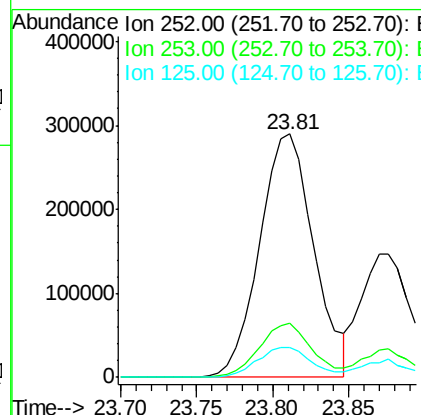
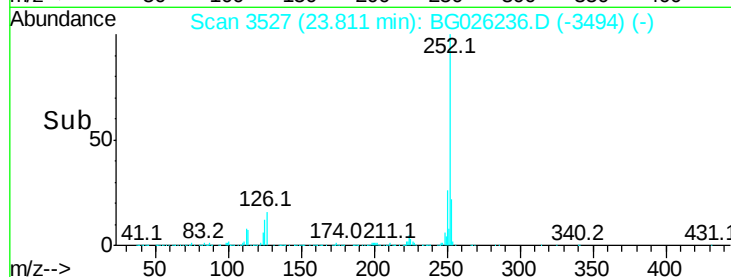
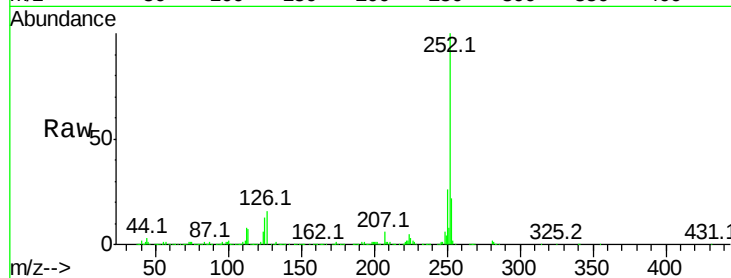
Acq: 15 Mar 2017 15:26

Instrument :
BNA_G
ClientSampleId :
DABF7

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	12.5	8.0	12.0

Manual Integrations
APPROVED

mohammad
3/17/2017 1:05:54 PM



#24

Benzo(k)fluoranthene

Concen: 10.63 ng/ul

RT: 23.87 min Scan# 3537

Delta R.T. -0.01 min

Lab File: BG026236.D

Acq: 15 Mar 2017 15:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	11.7	8.1	12.1

