

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052617\
 Data File : BG027148.D
 Acq On : 25 May 2017 4:01
 Operator : SJ/MA
 Sample : I3277-18
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DACA4

Manual Integrations
 APPROVED

mohammad
 5/26/2017 11:55:45 AM

Quant Time: May 25 06:37:06 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 25 06:05:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	169217	20.00	ng/ul	0.00
2) Naphthalene-d8	10.81	136	845247	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	442697	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.36	188	795895	20.00	ng/ul	0.00
17) Chrysene-d12	21.61	240	721154	20.00	ng/ul	0.00
22) Perylene-d12	24.79	264	615469	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	14.32	160	980692	21.60	ng/ul	0.00
10) Fluorene-d10	15.61	176	626602	20.68	ng/ul	0.00
14) Anthracene-d10	17.46	188	829860m	21.39	ng/ul	0.00
18) Pyrene-d10	19.74	212	804966	21.38	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.57	264	688198	22.50	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Phenanthrene	17.40	178	105491	2.37	ng/ul	98
16) Fluoranthene	19.40	202	164700	3.62	ng/ul#	88
19) Pyrene	19.77	202	141308	3.00	ng/ul#	88
20) Benzo(a)anthracene	21.59	228	89023	2.05	ng/ul	92
21) Chrysene	21.65	228	131759m	3.30	ng/ul	
23) Benzo(b)fluoranthene	23.77	252	129613	3.54	ng/ul#	92
24) Benzo(k)fluoranthene	23.81	252	76145m	2.02	ng/ul	
26) Benzo(a)pyrene	24.63	252	72971	2.04	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	28.41	276	47705	1.45	ng/ul#	75
29) Benzo(g,h,i)perylene	29.55	276	35416m	1.35	ng/ul	

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

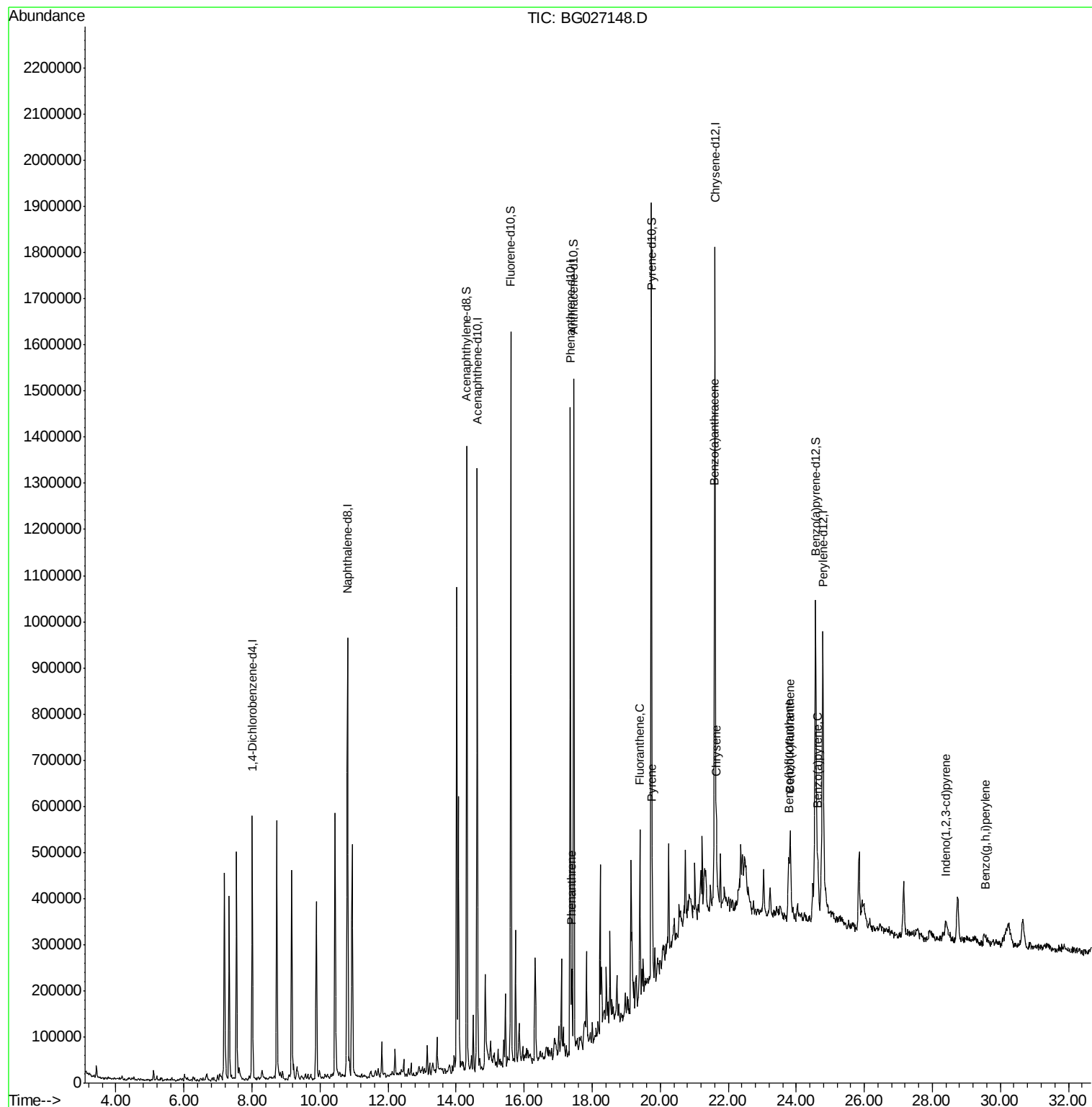
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052617\
Data File : BG027148.D
Acq On : 25 May 2017 4:01
Operator : SJ/MA
Sample : I3277-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

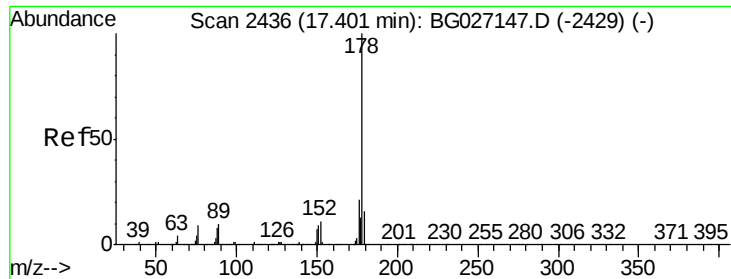
Instrument :
BNA_G
ClientSampleID :
DACA4

Manual Integrations
APPROVED

mohammad
5/26/2017 11:55:45 AM

Quant Time: May 25 06:37:06 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 25 06:05:48 2017
Response via : Initial Calibration





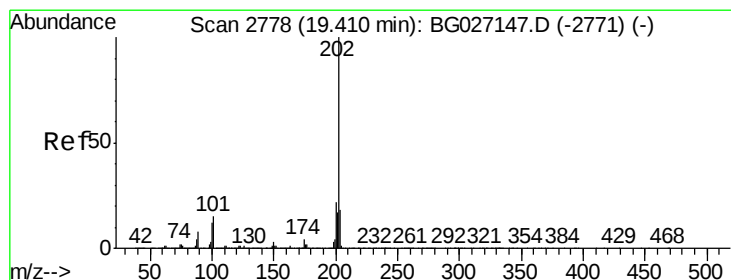
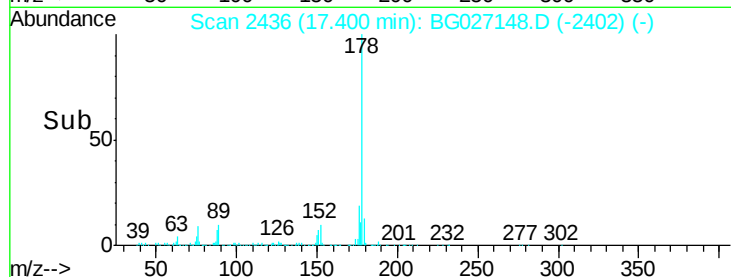
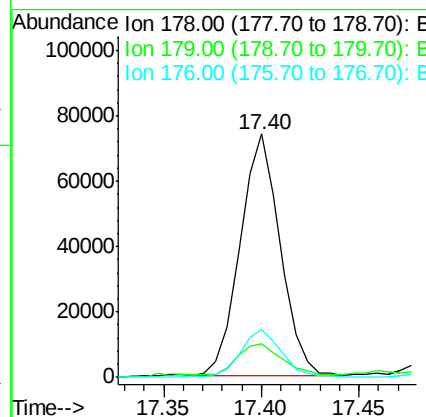
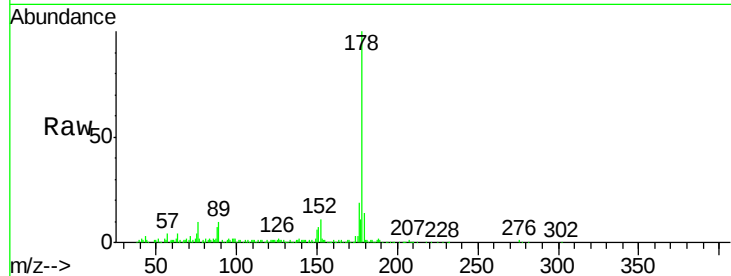
#13
Phenanthrene
Concen: 2.37 ng/ul
RT: 17.40 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG027148.D
Acq: 25 May 2017 4:01

Instrument :
BNA_G
ClientSampled :
DACA4

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
179	14.0	12.3	18.5
176	19.4	15.1	22.7

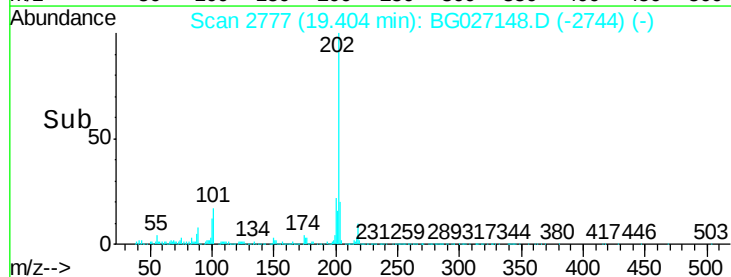
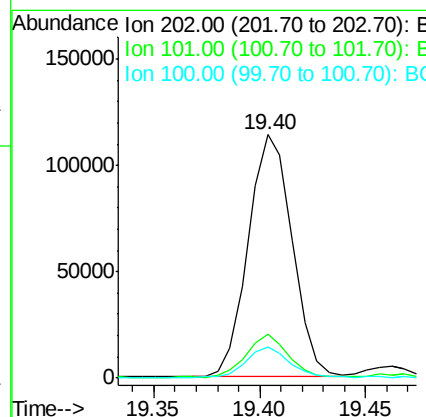
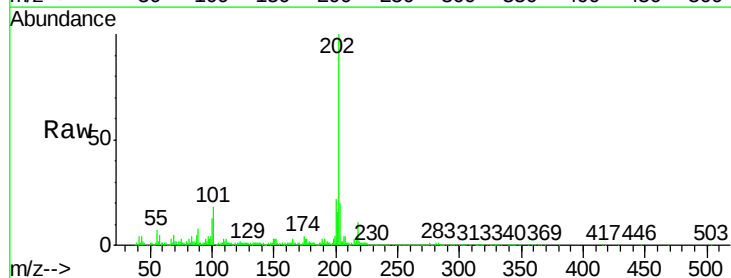
Manual Integrations
APPROVED

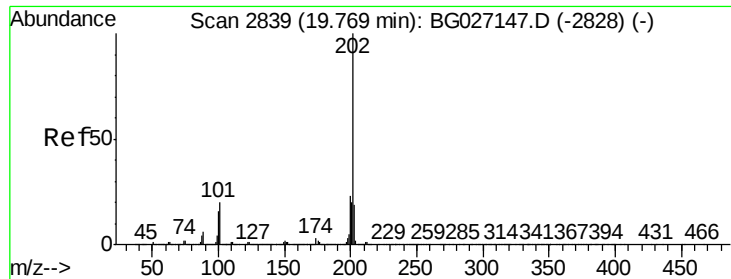
mohammad
5/26/2017 11:55:45 AM



#16
Fluoranthene
Concen: 3.62 ng/ul
RT: 19.40 min Scan# 2777
Delta R.T. -0.01 min
Lab File: BG027148.D
Acq: 25 May 2017 4:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	18.1	9.9	14.9#
100	12.6	7.4	11.0#





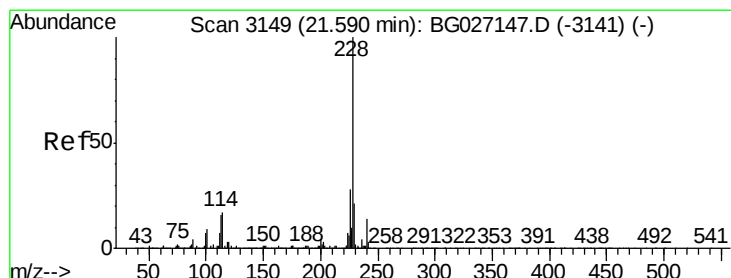
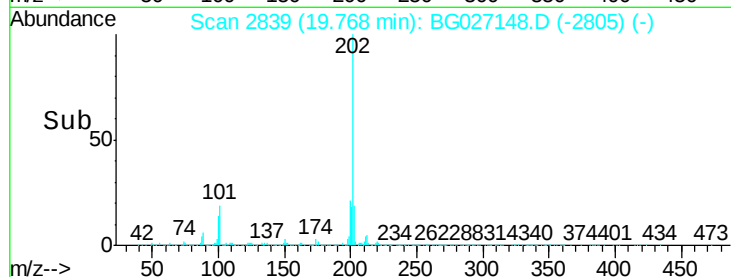
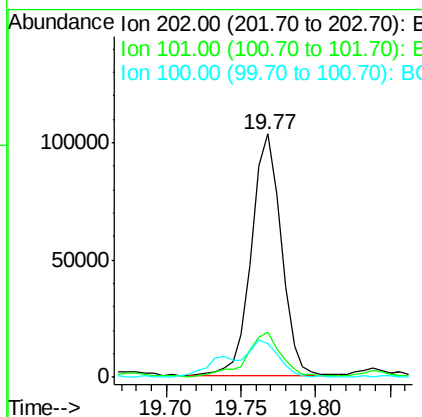
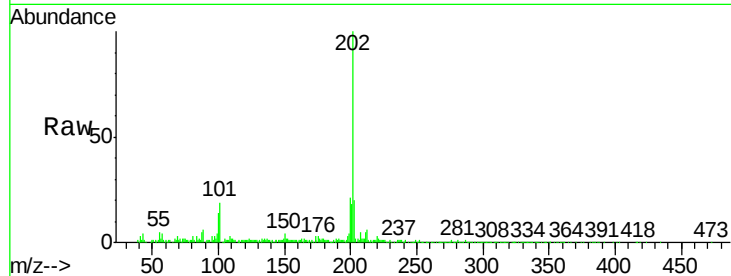
#19
Pyrene
Concen: 3.00 ng/ul
RT: 19.77 min Scan# 2839
Delta R.T. -0.00 min
Lab File: BG027148.D
Acq: 25 May 2017 4:01

Instrument :
BNA_G
ClientSampleId :
DACA4

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	18.8	11.0	16.4#
100	13.9	8.1	12.1#

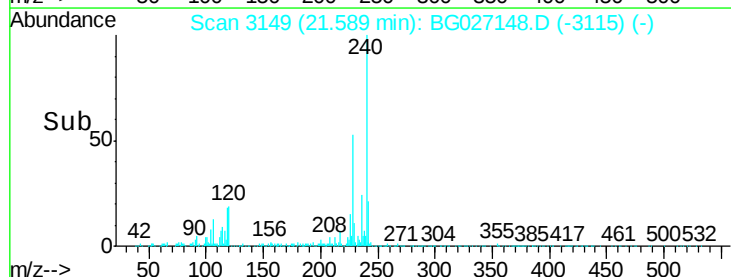
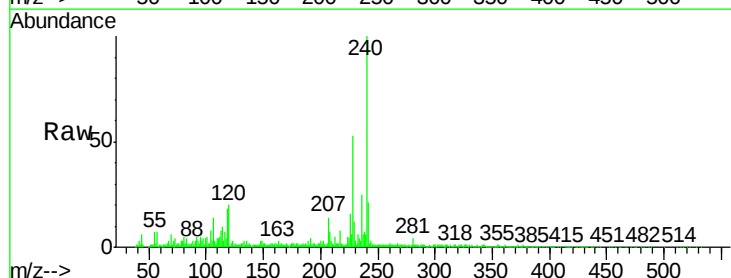
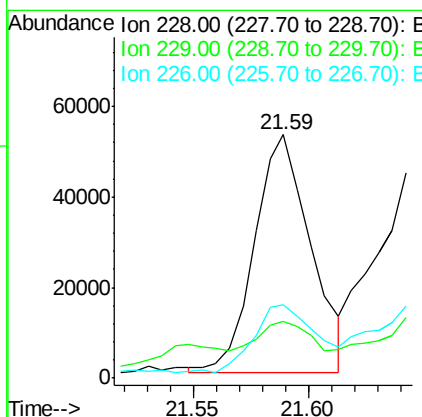
Manual Integrations
APPROVED

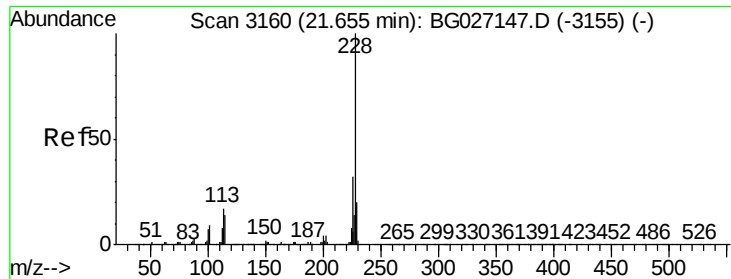
mohammad
5/26/2017 11:55:45 AM



#20
Benzo(a)anthracene
Concen: 2.05 ng/ul
RT: 21.59 min Scan# 3149
Delta R.T. -0.00 min
Lab File: BG027148.D
Acq: 25 May 2017 4:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	23.1	15.7	23.5
226	30.4	21.1	31.7





#21

Chrysene

Concen: 3.30 ng/ul m

RT: 21.65 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG027148.D

Acq: 25 May 2017 4:01

Instrument :

BNA_G

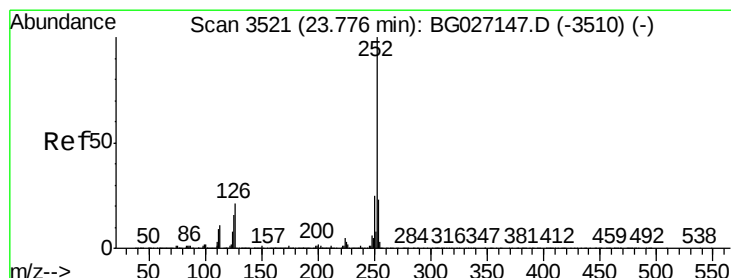
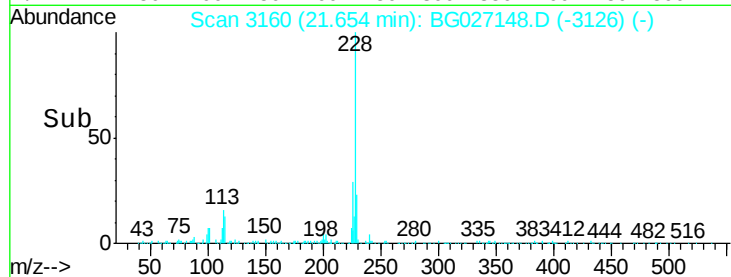
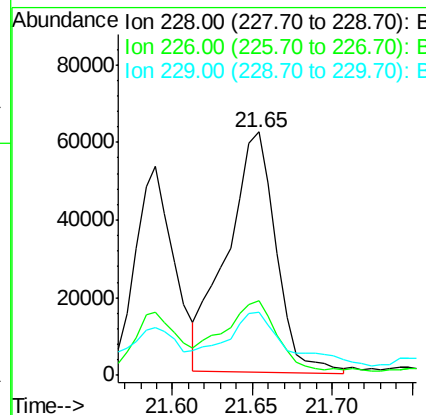
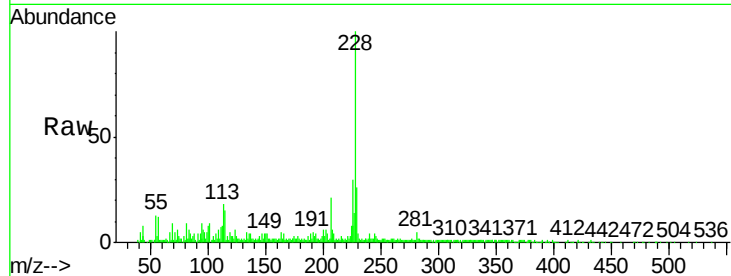
ClientSampleId :

DACA4

Tgt Ion:	228	Resp:	131759
Ion Ratio	Lower	Upper	
228	100		
226	30.5	24.5	36.7
229	26.1	15.8	23.8#

Manual Integrations
APPROVED

mohammad
5/26/2017 11:55:45 AM



#23

Benzo(b)fluoranthene

Concen: 3.54 ng/ul

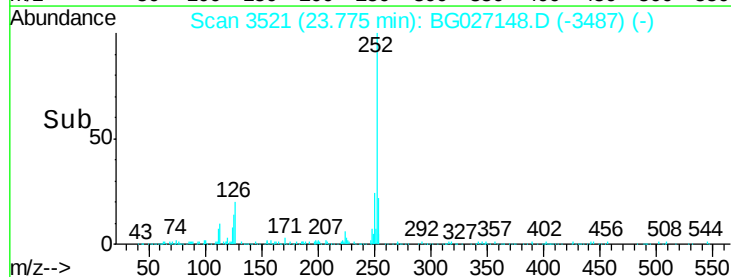
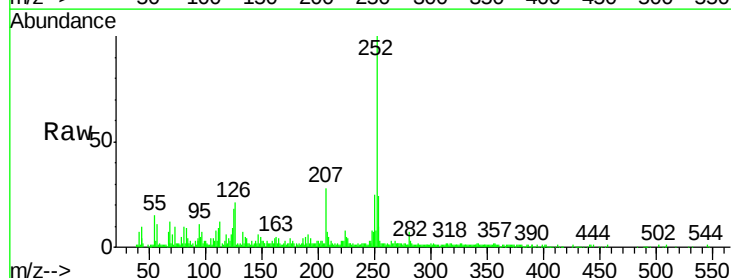
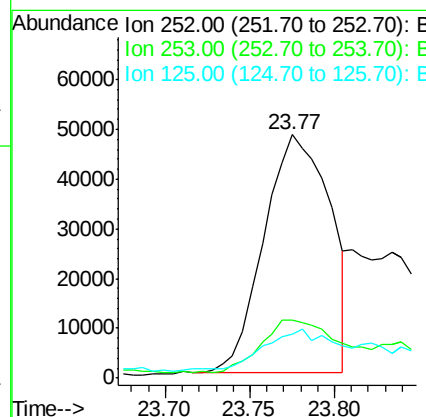
RT: 23.77 min Scan# 3521

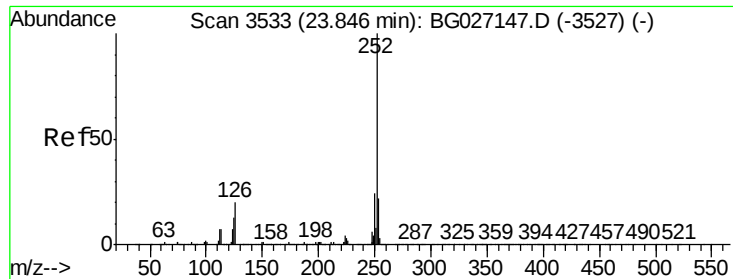
Delta R.T. -0.00 min

Lab File: BG027148.D

Acq: 25 May 2017 4:01

Tgt Ion:	252	Resp:	129613
Ion Ratio	Lower	Upper	
252	100		
253	23.6	18.0	27.0
125	18.0	8.0	12.0#





#24

Benzo(k)fluoranthene

Concen: 2.02 ng/ul m

RT: 23.81 min Scan# 3527

Delta R.T. -0.04 min

Lab File: BG027148.D

Acq: 25 May 2017 4:01

Instrument :

BNA_G

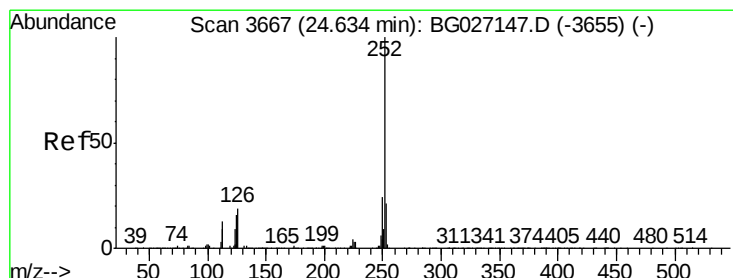
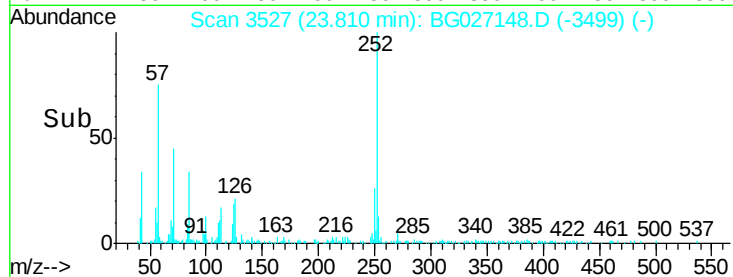
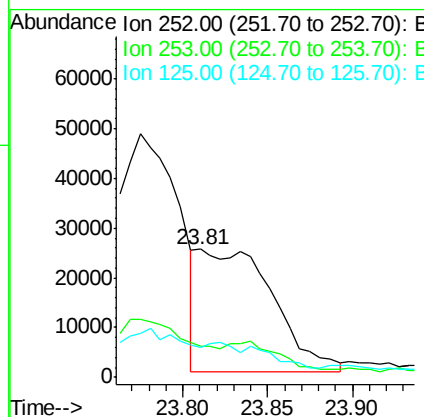
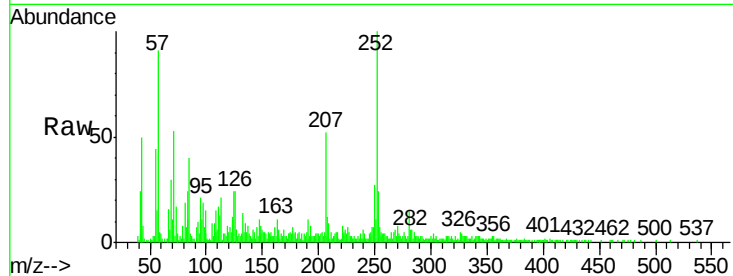
ClientSampleId :

DACA4

Tgt Ion:	252	Resp:	76145
Ion Ratio	Lower	Upper	
252	100		
253	24.0	18.0	27.0
125	23.8	8.1	12.1#

Manual Integrations
APPROVED

mohammad
5/26/2017 11:55:45 AM



#26

Benzo(a)pyrene

Concen: 2.04 ng/ul

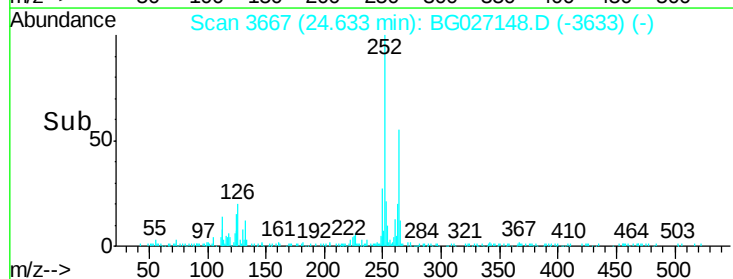
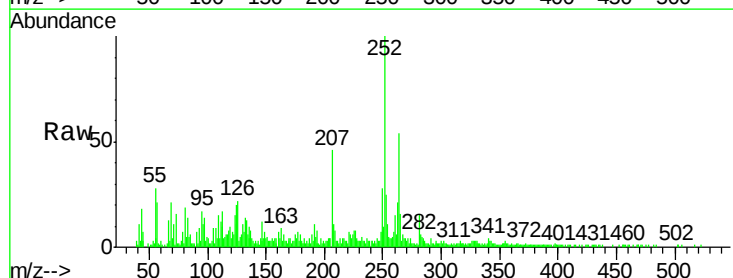
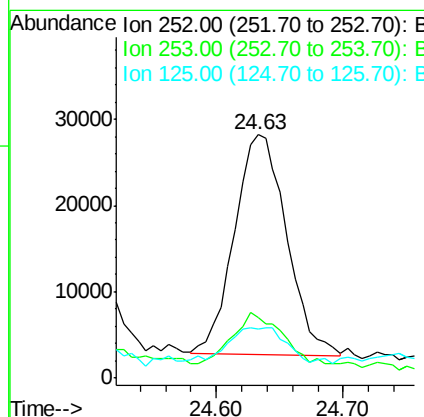
RT: 24.63 min Scan# 3667

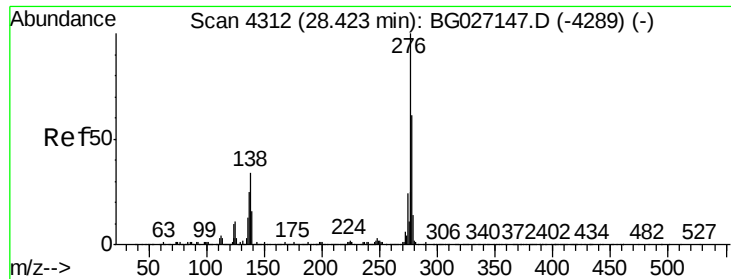
Delta R.T. -0.00 min

Lab File: BG027148.D

Acq: 25 May 2017 4:01

Tgt Ion:	252	Resp:	72971
Ion Ratio	Lower	Upper	
252	100		
253	25.1	17.2	25.8
125	20.4	8.2	12.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 1.45 ng/ul

RT: 28.41 min Scan# 4310

Delta R.T. -0.01 min

Lab File: BG027148.D

Acq: 25 May 2017 4:01

Instrument :

BNA_G

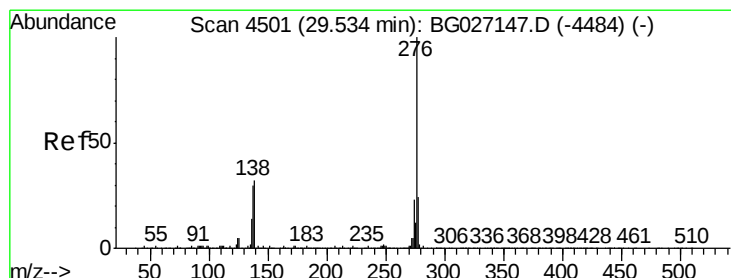
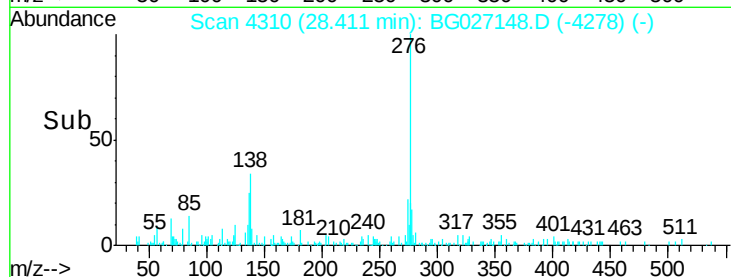
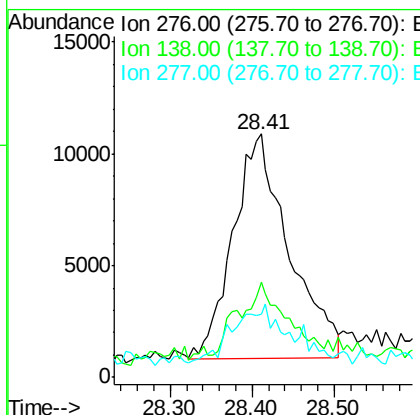
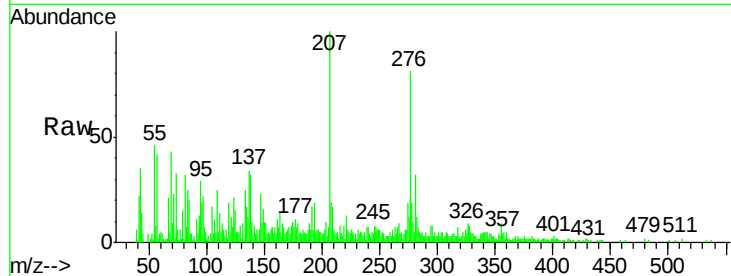
ClientSampleId :

DACA4

Tgt Ion:	276	Resp:	47705
Ion Ratio		Lower	Upper
276	100		
138	39.2	14.4	21.6#
277	25.8	18.0	27.0

Manual Integrations
APPROVED

mohammad
5/26/2017 11:55:45 AM



#29

Benzo(g,h,i)perylene

Concen: 1.35 ng/ul m

RT: 29.55 min Scan# 4504

Delta R.T. 0.02 min

Lab File: BG027148.D

Acq: 25 May 2017 4:01

Tgt Ion:	276	Resp:	35416
Ion Ratio		Lower	Upper
276	100		
138	31.7	15.3	22.9#
277	28.6	19.0	28.4#

