

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052617\
 Data File : BG027142.D
 Acq On : 25 May 2017 00:06
 Operator : SJ/MA
 Sample : I3277-21MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DACA5MSD

Manual Integrations
 APPROVED

mohammad
 5/26/2017 11:55:18 AM

Quant Time: May 25 05:25:07 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	8.01	152	171148	20.00	ng/ul	0.00
2) Naphthalene-d8	10.80	136	834307	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	443254	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.35	188	802983	20.00	ng/ul	0.00
17) Chrysene-d12	21.60	240	707460	20.00	ng/ul	0.00
22) Perylene-d12	24.78	264	642129	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.31	160	909945	20.01	ng/ul	0.00
10) Fluorene-d10	15.61	176	583109	19.22	ng/ul	0.00
14) Anthracene-d10	17.45	188	772409	19.73	ng/ul	0.00
18) Pyrene-d10	19.74	212	744151	20.15	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.56	264	619872	19.43	ng/ul	0.00
Target Compounds						
9) Acenaphthene	14.68	153	629583	20.13	ng/ul	Qvalue 96
13) Phenanthrene	17.40	178	165459	3.69	ng/ul	98
16) Fluoranthene	19.40	202	311400	6.79	ng/ul#	93
19) Pyrene	19.77	202	1188003	25.69	ng/ul#	87
20) Benzo(a)anthracene	21.58	228	143373	3.36	ng/ul	97
21) Chrysene	21.65	228	153892	3.93	ng/ul	98
23) Benzo(b)fluoranthene	23.78	252	189704	4.97	ng/ul#	92
24) Benzo(k)fluoranthene	23.83	252	84190m	2.14	ng/ul	
26) Benzo(a)pyrene	24.63	252	111478	2.99	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	28.41	276	66563m	1.94	ng/ul	
29) Benzo(g,h,i)perylene	29.53	276	48088m	1.76	ng/ul	

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

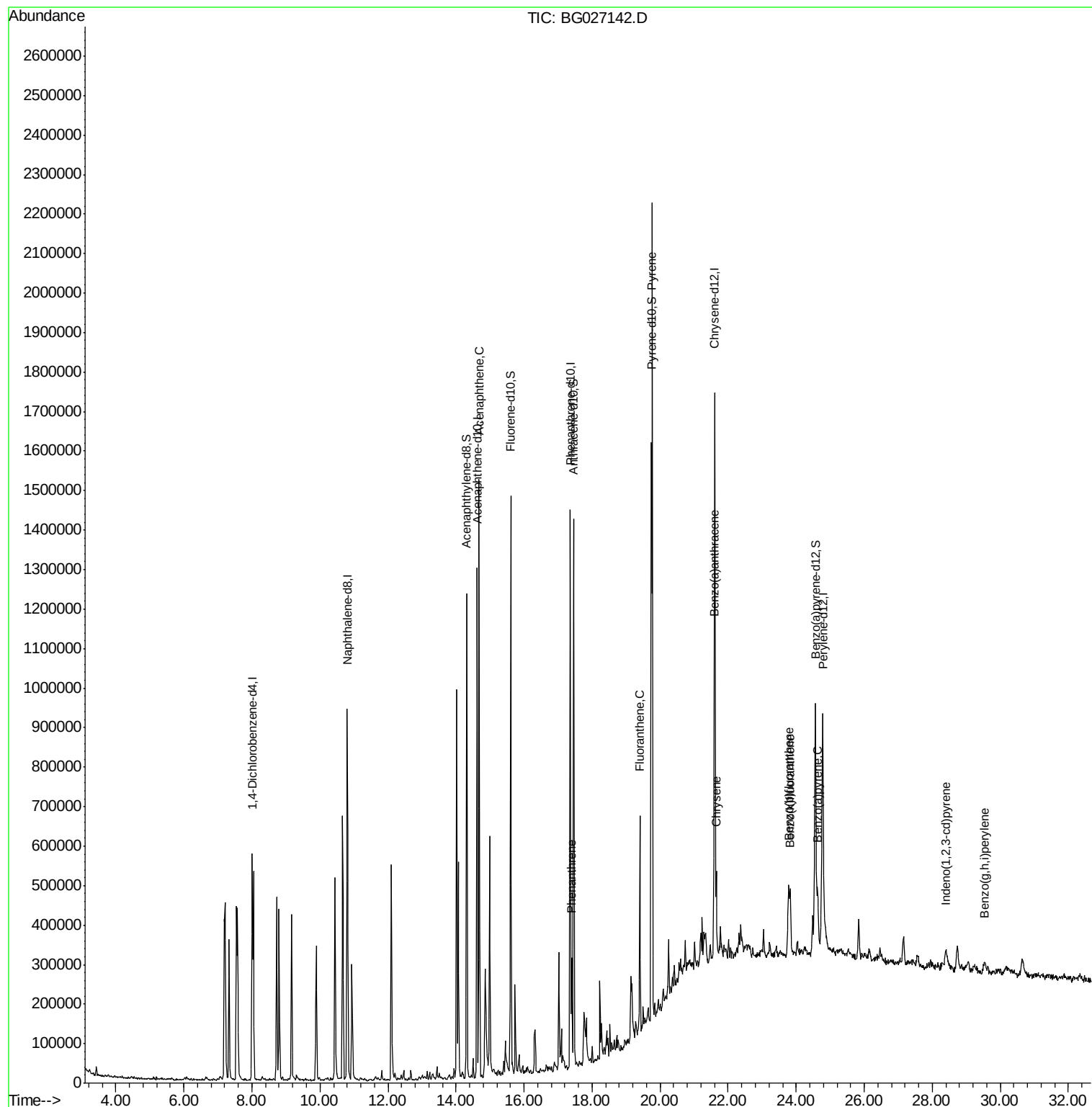
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052617\
Data File : BG027142.D
Acq On : 25 May 2017 00:06
Operator : SJ/MA
Sample : I3277-21MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

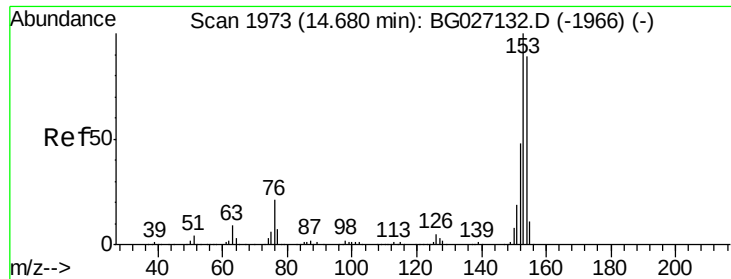
Instrument :
BNA_G
ClientSampleId :
DACA5MSD

Manual Integrations
APPROVED

mohammad
5/26/2017 11:55:18 AM

Quant Time: May 25 05:25:07 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





#9

Acenaphthene

Concen: 20.13 ng/ul

RT: 14.68 min Scan# 1973

Delta R.T. 0.00 min

Lab File: BG027142.D

Acq: 25 May 2017 00:06

Instrument :

BNA_G

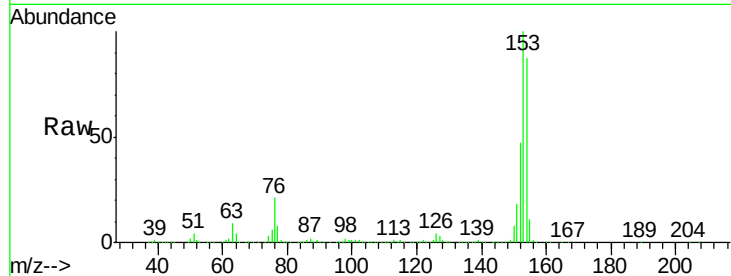
ClientSampleId :

DACA5MSD

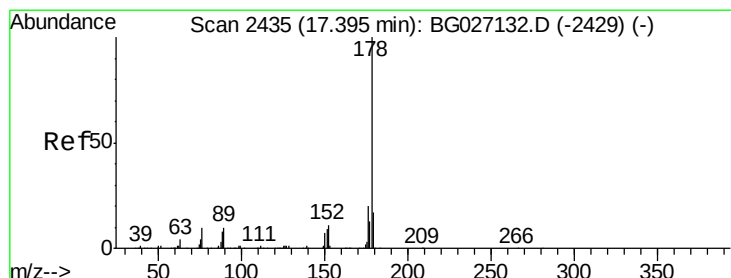
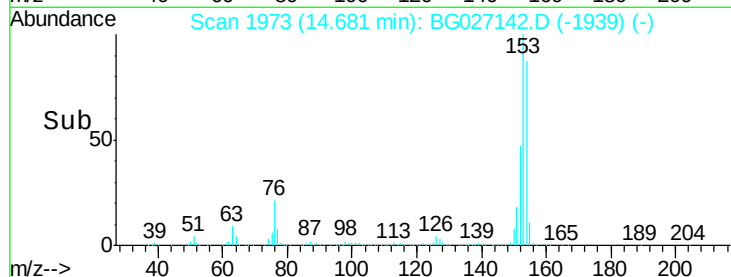
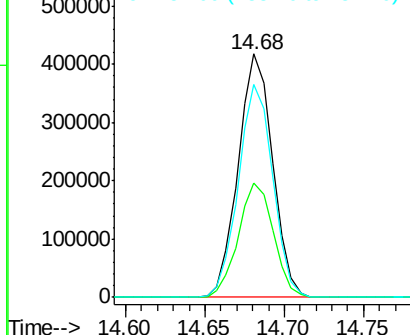
Tgt Ion:	153	Resp:	629583
Ion Ratio	Lower	Upper	
153	100		
152	46.9	39.0	58.6
154	87.2	66.8	100.2

Manual Integrations
APPROVED

mohammad
5/26/2017 11:55:18 AM



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#13

Phenanthrene

Concen: 3.69 ng/ul

RT: 17.40 min Scan# 2436

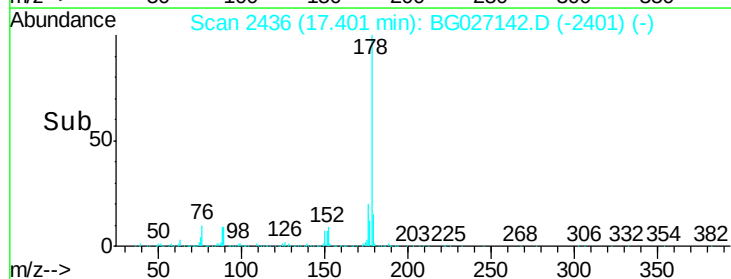
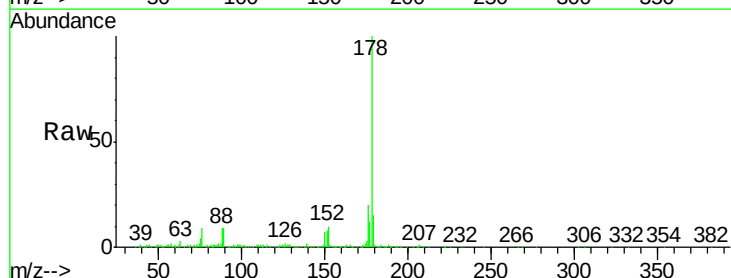
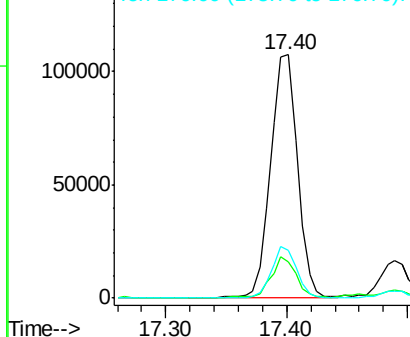
Delta R.T. 0.01 min

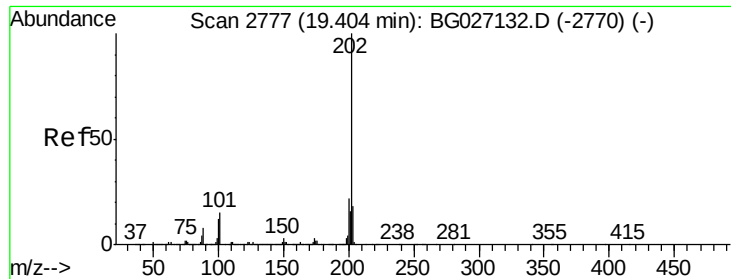
Lab File: BG027142.D

Acq: 25 May 2017 00:06

Tgt Ion:	178	Resp:	165459
Ion Ratio	Lower	Upper	
178	100		
179	14.6	12.3	18.5
176	19.7	15.1	22.7

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





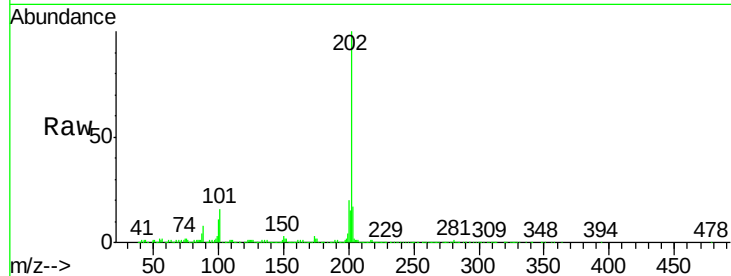
#16
Fluoranthene
 Concen: 6.79 ng/ul
 RT: 19.40 min Scan# 2777
 Delta R.T. 0.00 min
 Lab File: BG027142.D
 Acq: 25 May 2017 00:06

Instrument :
 BNA_G
 ClientSampleId :
 DACA5MSD

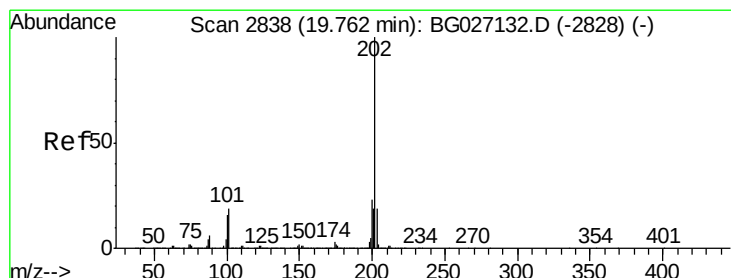
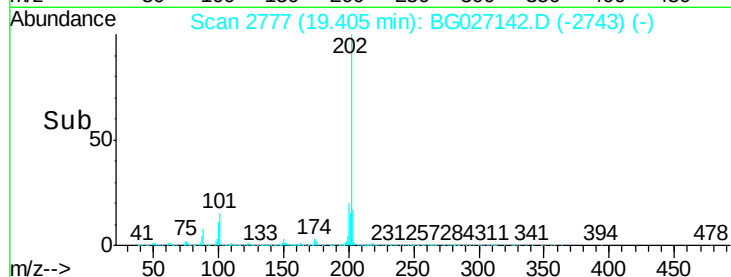
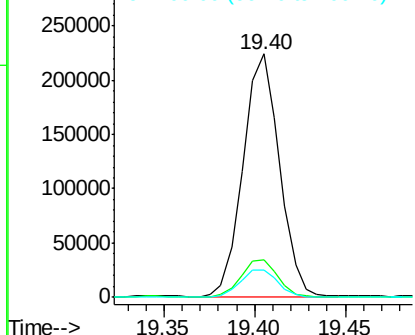
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	15.5	9.9	14.9#
100	11.3	7.4	11.0#

Manual Integrations
APPROVED

mohammad
 5/26/2017 11:55:18 AM

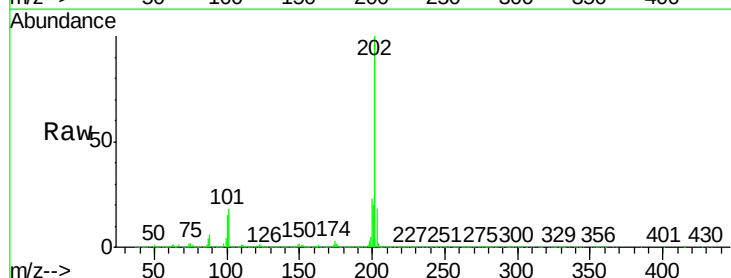


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

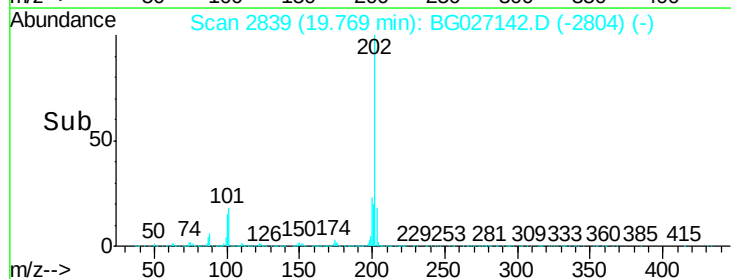
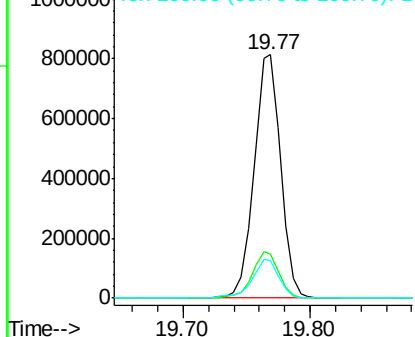


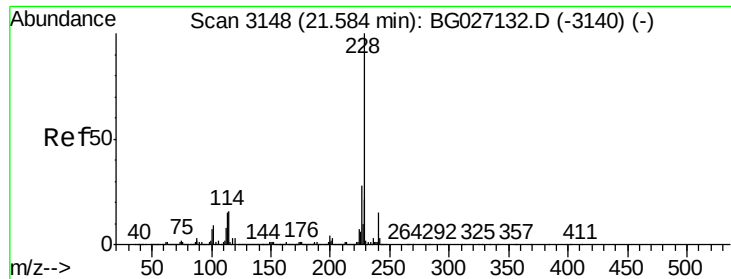
#19
Pyrene
 Concen: 25.69 ng/ul
 RT: 19.77 min Scan# 2839
 Delta R.T. 0.01 min
 Lab File: BG027142.D
 Acq: 25 May 2017 00:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	18.2	11.0	16.4#
100	15.4	8.1	12.1#



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B





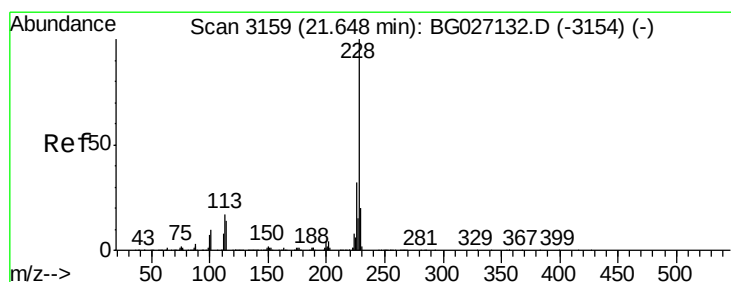
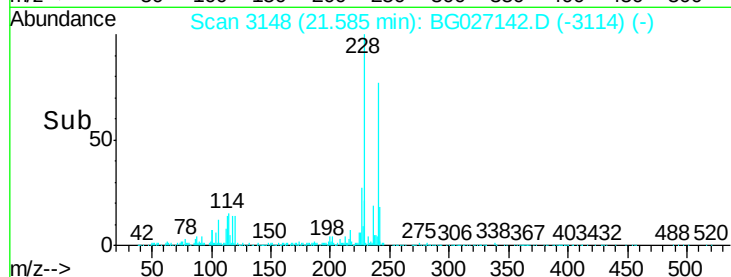
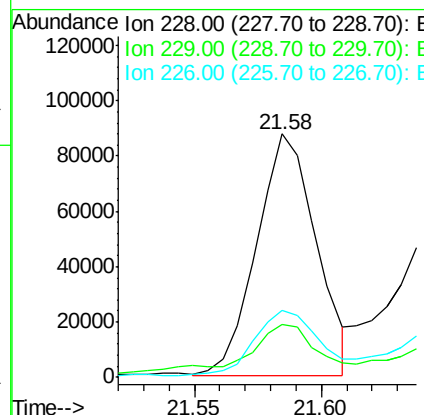
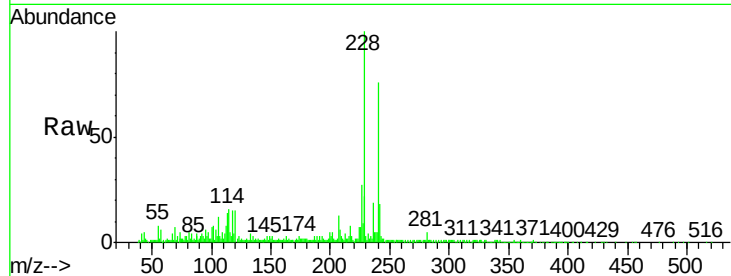
#20
Benzo(a)anthracene
Concen: 3.36 ng/ul
RT: 21.58 min Scan# 3148
Delta R.T. 0.00 min
Lab File: BG027142.D
Acq: 25 May 2017 00:06

Instrument :
BNA_G
ClientSampleId :
DACA5MSD

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.7	15.7	23.5
226	27.3	21.1	31.7

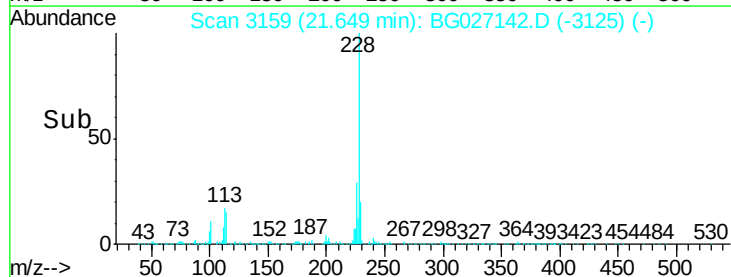
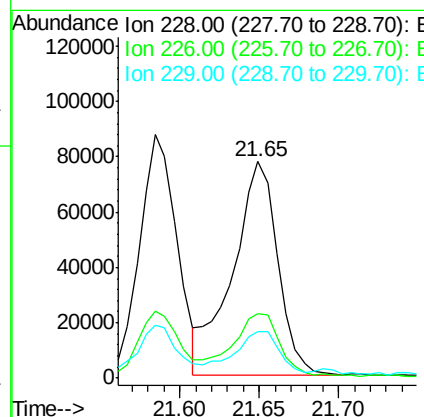
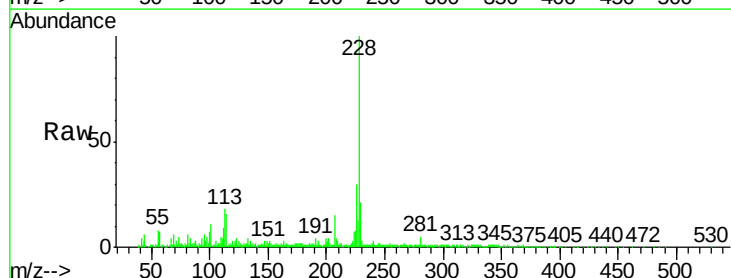
Manual Integrations
APPROVED

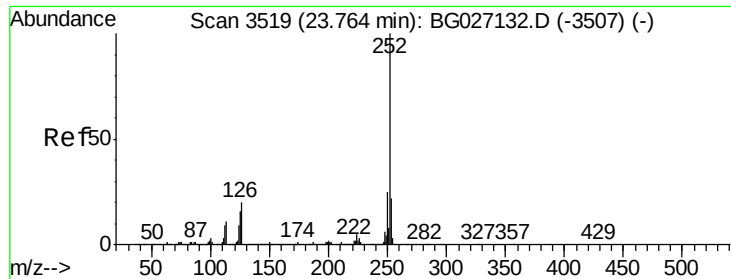
mohammad
5/26/2017 11:55:18 AM



#21
Chrysene
Concen: 3.93 ng/ul
RT: 21.65 min Scan# 3159
Delta R.T. 0.00 min
Lab File: BG027142.D
Acq: 25 May 2017 00:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.5	36.7
229	21.2	15.8	23.8





#23

Benzo(b)fluoranthene

Concen: 4.97 ng/ul

RT: 23.78 min Scan# 3521

Delta R.T. 0.01 min

Lab File: BG027142.D

Acq: 25 May 2017 00:06

Instrument :

BNA_G

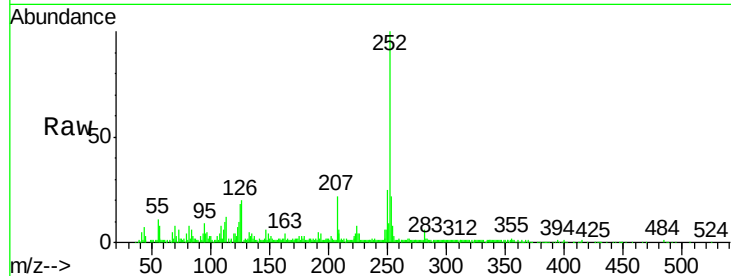
ClientSampleId :

DACA5MSD

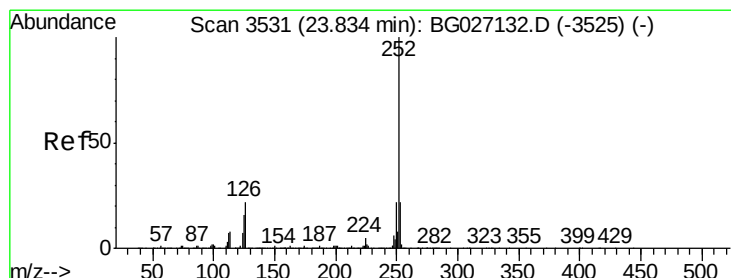
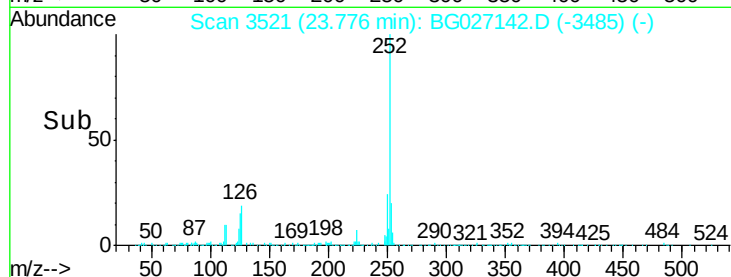
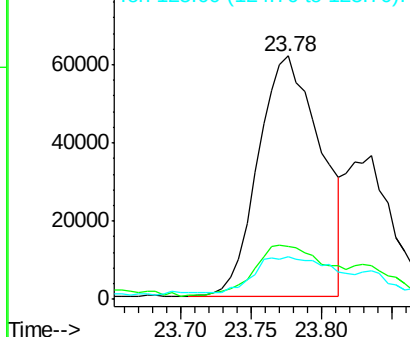
Tgt Ion:	252	Resp:	189704
Ion Ratio	Lower	Upper	
252	100		
253	21.5	18.0	27.0
125	17.8	8.0	12.0#

Manual Integrations
APPROVED

mohammad
5/26/2017 11:55:18 AM



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#24

Benzo(k)fluoranthene

Concen: 2.14 ng/ul m

RT: 23.83 min Scan# 3531

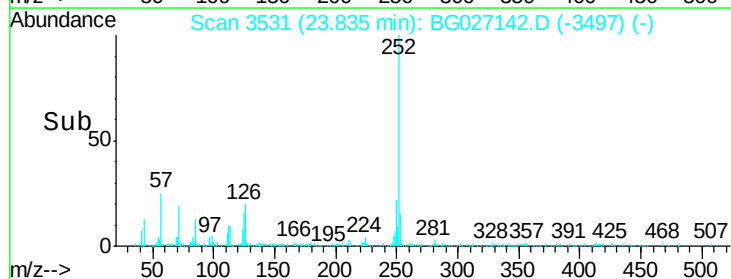
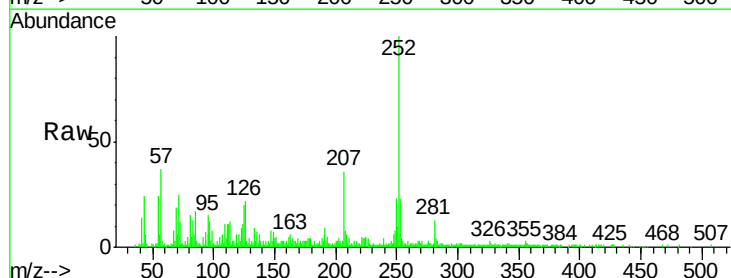
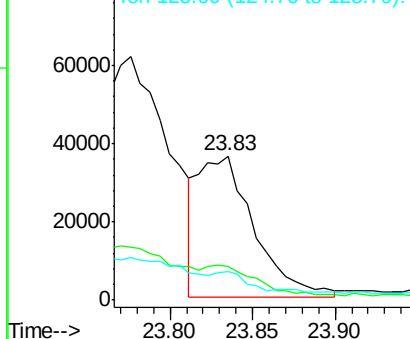
Delta R.T. 0.00 min

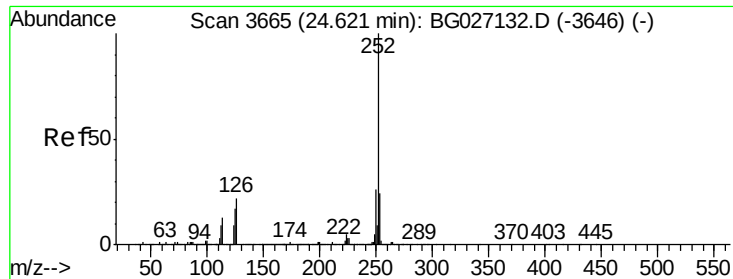
Lab File: BG027142.D

Acq: 25 May 2017 00:06

Tgt Ion:	252	Resp:	84190
Ion Ratio	Lower	Upper	
252	100		
253	23.1	18.0	27.0
125	20.2	8.1	12.1#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





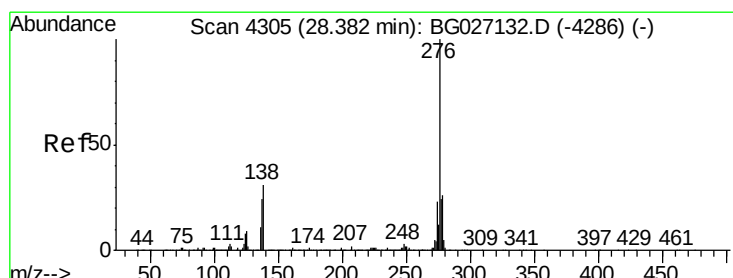
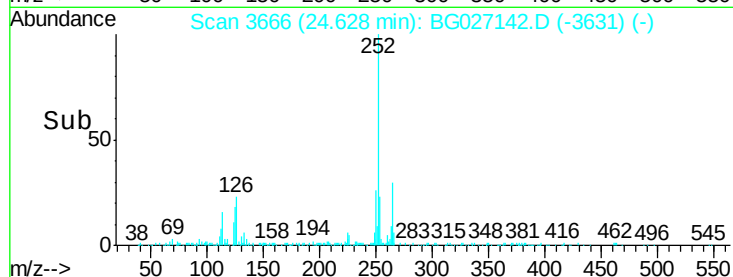
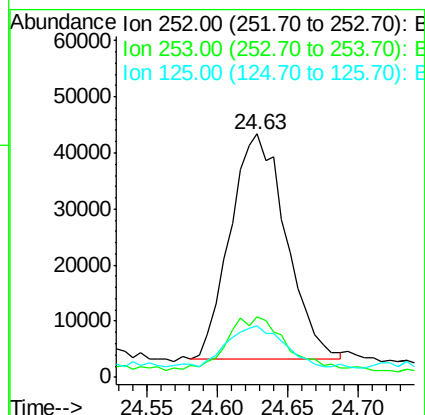
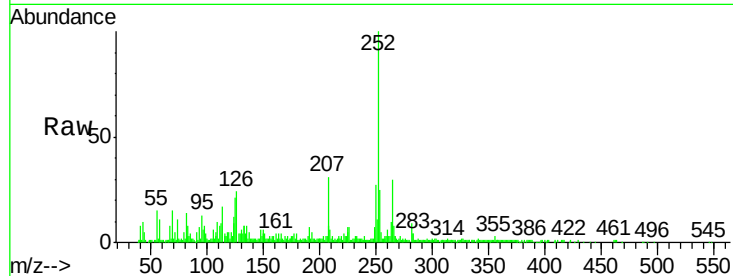
#26
Benzo(a)pyrene
Concen: 2.99 ng/ul
RT: 24.63 min Scan# 3666
Delta R.T. 0.01 min
Lab File: BG027142.D
Acq: 25 May 2017 00:06

Instrument :
BNA_G
ClientSampleId :
DACA5MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.2	25.8
125	21.0	8.2	12.4

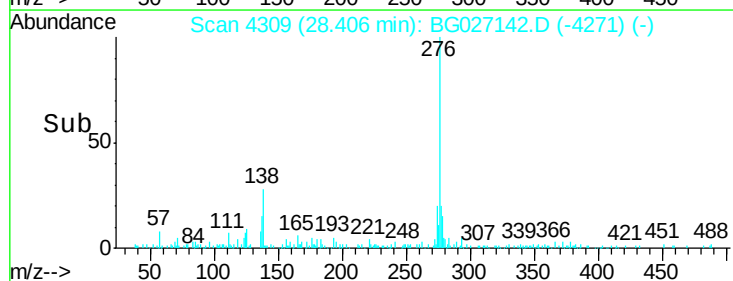
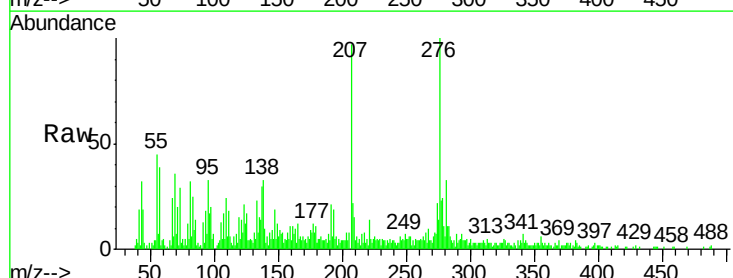
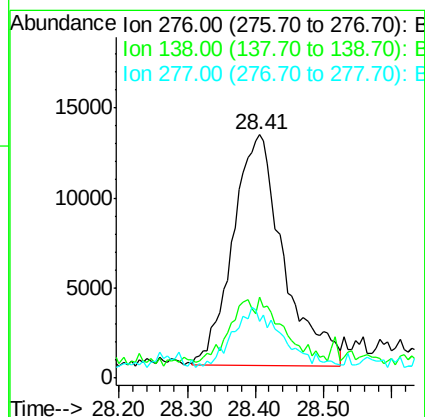
Manual Integrations
APPROVED

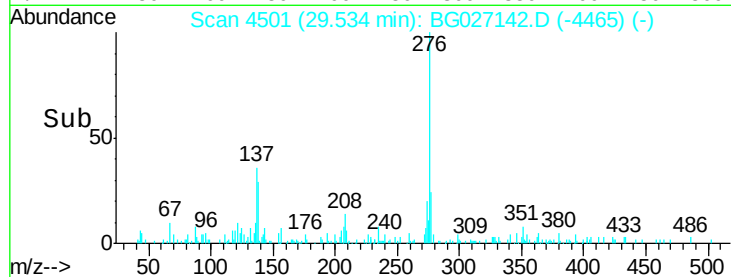
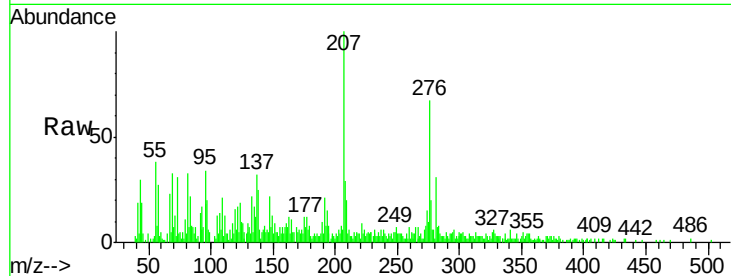
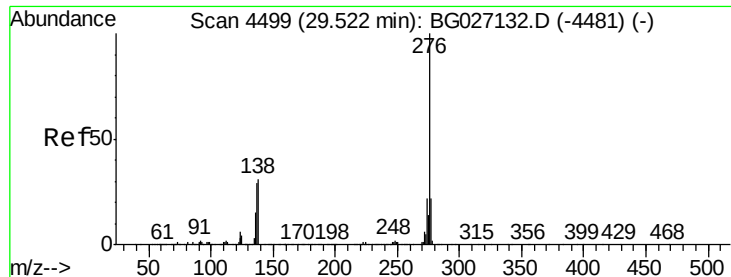
mohammad
5/26/2017 11:55:18 AM



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.94 ng/ul m
RT: 28.41 min Scan# 4309
Delta R.T. 0.02 min
Lab File: BG027142.D
Acq: 25 May 2017 00:06

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.2	14.4	21.6
277	23.1	18.0	27.0





#29

Benzo(g,h,i)perylene

Concen: 1.76 ng/ul m

RT: 29.53 min Scan# 4501

Delta R.T. 0.01 min

Lab File: BG027142.D

Acq: 25 May 2017 00:06

Instrument :

BNA_G

ClientSampleId :

DACA5MSD

Tgt Ion: 276 Resp: 48088

Ion Ratio Lower Upper

276 100

138 37.6 15.3 22.9#

277 29.2 19.0 28.4#

Manual Integrations

APPROVED

mohammad

5/26/2017 11:55:18 AM

