

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101317\
 Data File : BG029172.D
 Acq On : 11 Oct 2017 19:18
 Operator : SJ/JU
 Sample : I5668-21
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB3H7

Manual Integrations
 APPROVED

Sohil
 10/13/2017 12:08:07 PM

Quant Time: Oct 12 09:07:08 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101117.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 11 04:24:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	43898	20.00	ng/ul	0.00
2) Naphthalene-d8	11.04	136	189358	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.82	164	132783	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.56	188	310400	20.00	ng/ul	0.00
18) Chrysene-d12	21.84	240	335577	20.00	ng/ul	0.00
23) Perylene-d12	25.19	264	342029	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.64	165	63308	17.49	ng/ul	0.00
7) Acenaphthylene-d8	14.52	160	245294	18.43	ng/ul	0.00
10) Fluorene-d10	15.81	176	181946	17.42	ng/ul	0.00
15) Anthracene-d10	17.66	188	280554	18.29	ng/ul	0.00
19) Pyrene-d10	19.93	212	328265	18.62	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.96	264	304612	17.80	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.61	178	52951	3.149	ng/ul	97
17) Fluoranthene	19.60	202	102132	5.162	ng/ul	99
20) Pyrene	19.96	202	91789	4.511	ng/ul	97
21) Benzo(a)anthracene	21.82	228	52570	2.571	ng/ul	98
22) Chrysene	21.89	228	50014	2.710	ng/ul	95
24) Benzo(b)fluoranthene	24.14	252	65443m	3.105	ng/ul	
25) Benzo(k)fluoranthene	24.19	252	24068	1.159	ng/ul#	97
27) Benzo(a)pyrene	25.03	252	41412m	2.013	ng/ul	
30) Benzo(g,h,i)perylene	30.21	276	16036	1.173	ng/ul#	93

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

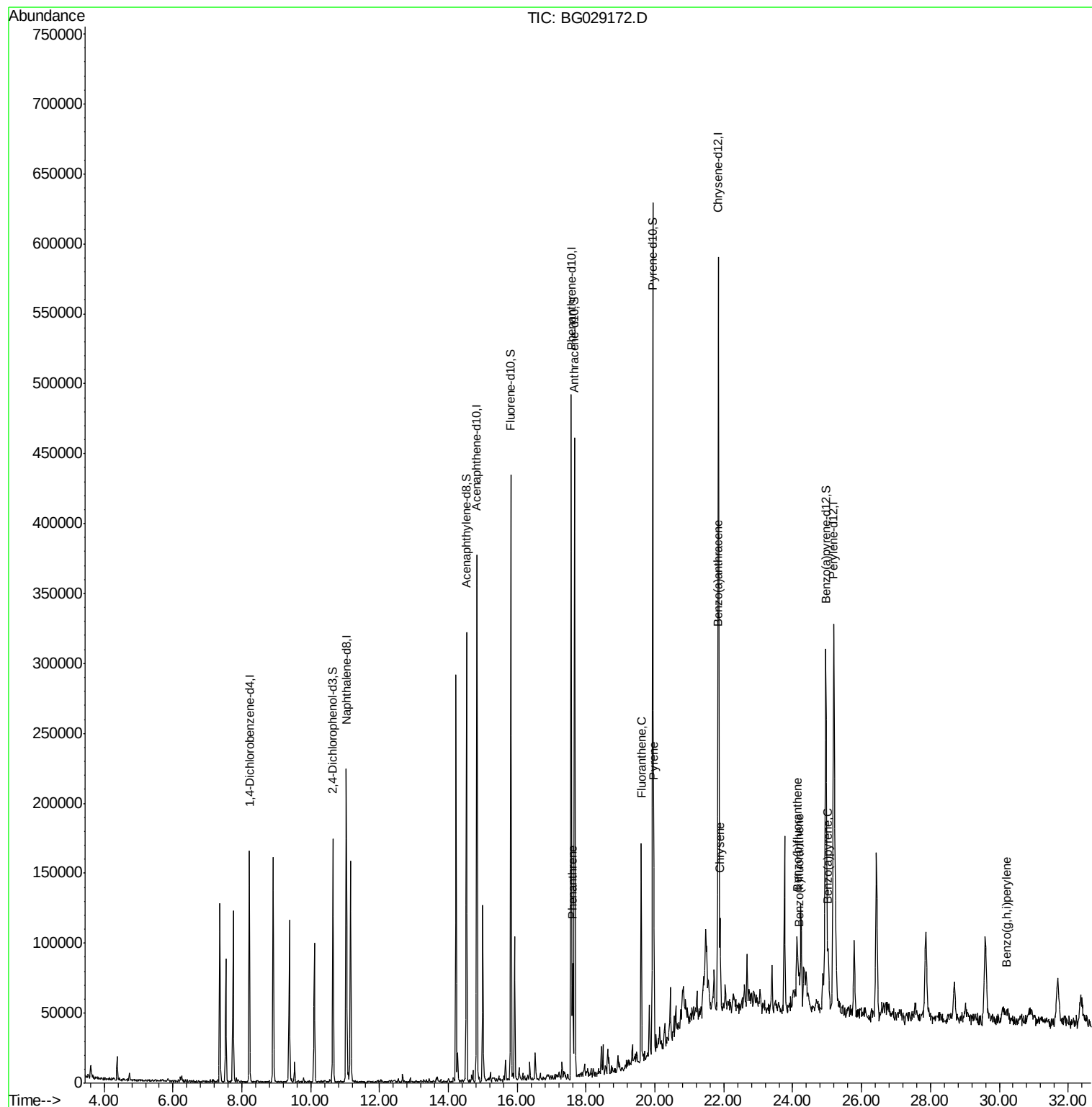
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101317\
Data File : BG029172.D
Acq On : 11 Oct 2017 19:18
Operator : SJ/JU
Sample : I5668-21
Misc :
ALS Vial : 4 Sample Multiplier: 1

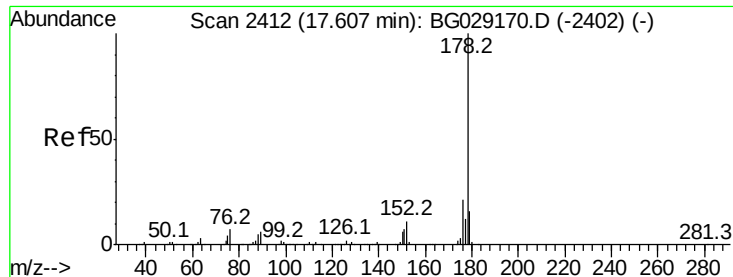
Instrument :
BNA_G
ClientSampleId :
CB3H7

Manual Integrations
APPROVED

Sohil
10/13/2017 12:08:07 PM

Quant Time: Oct 12 09:07:08 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101117.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 11 04:24:22 2017
Response via : Initial Calibration





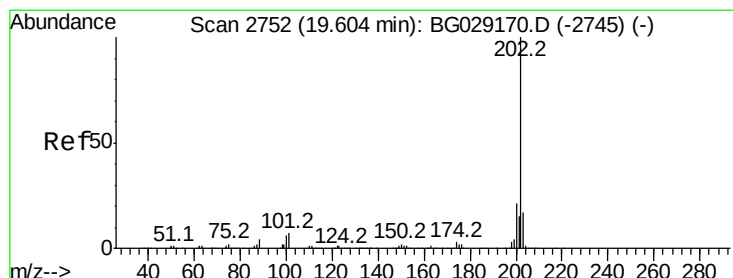
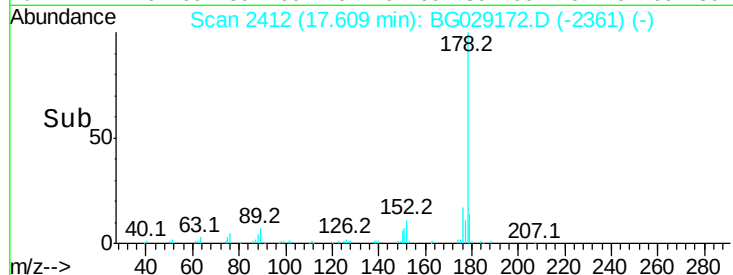
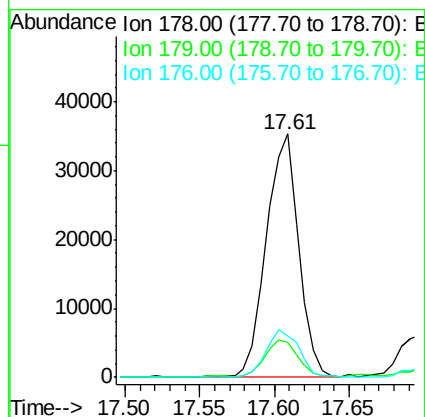
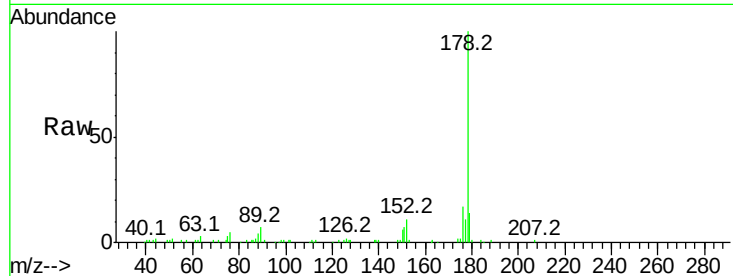
#14
Phenanthrene
Concen: 3.149 ng/ul
RT: 17.61 min Scan# 2412
Delta R.T. 0.00 min
Lab File: BG029172.D
Acq: 11 Oct 2017 19:18

Instrument :
BNA_G
ClientSampleId :
CB3H7

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.5	12.2	18.2
176	17.1	15.0	22.6

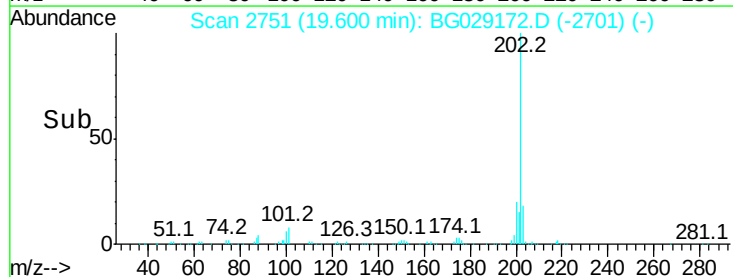
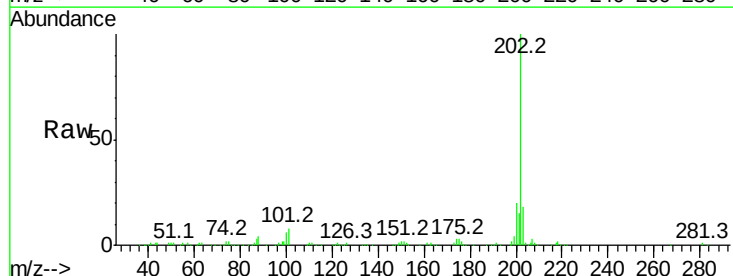
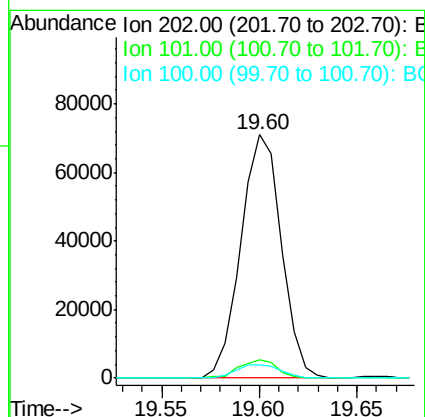
Manual Integrations
APPROVED

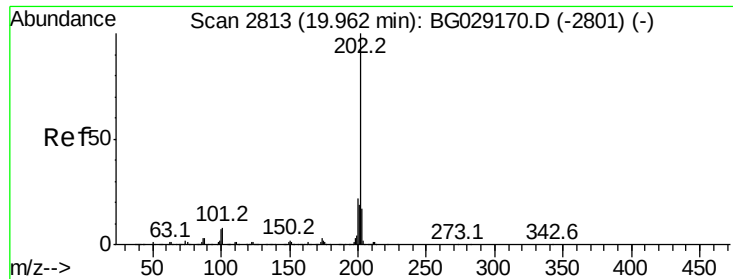
Sohil
10/13/2017 12:08:07 PM



#17
Fluoranthene
Concen: 5.162 ng/ul
RT: 19.60 min Scan# 2751
Delta R.T. -0.00 min
Lab File: BG029172.D
Acq: 11 Oct 2017 19:18

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.6	5.6	8.4
100	5.5	4.7	7.1





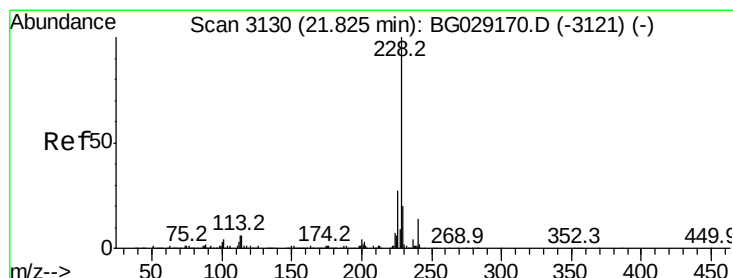
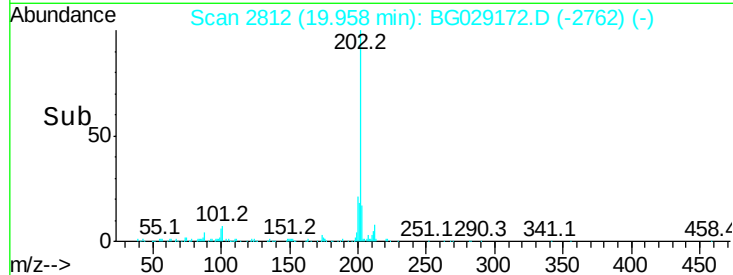
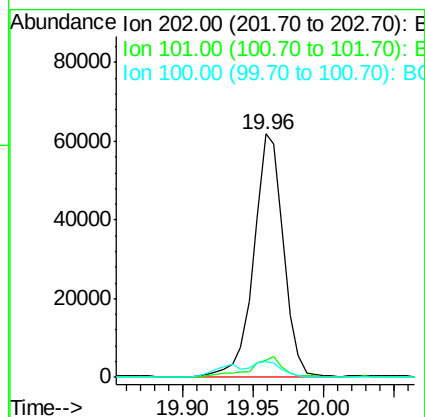
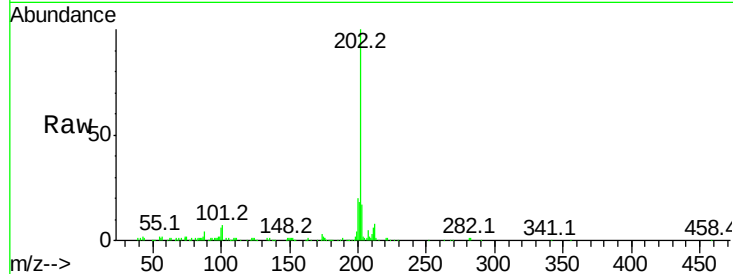
#20
Pvrene
Concen: 4.511 ng/ul
RT: 19.96 min Scan# 2812
Delta R.T. -0.00 min
Lab File: BG029172.D
Acq: 11 Oct 2017 19:18

Instrument :
BNA_G
ClientSampleId :
CB3H7

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	6.8	6.5	9.7
100	6.5	5.5	8.3

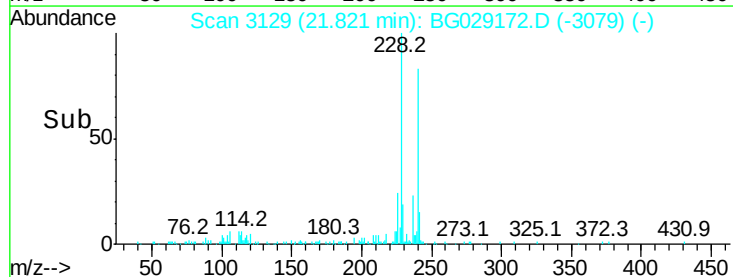
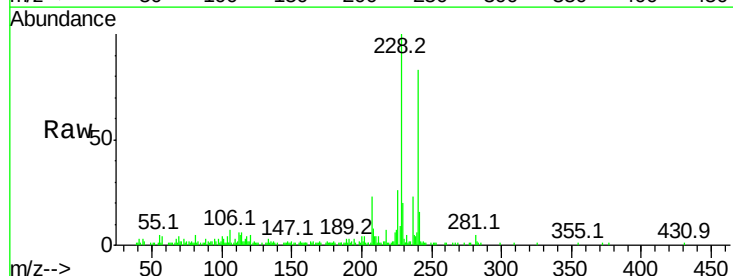
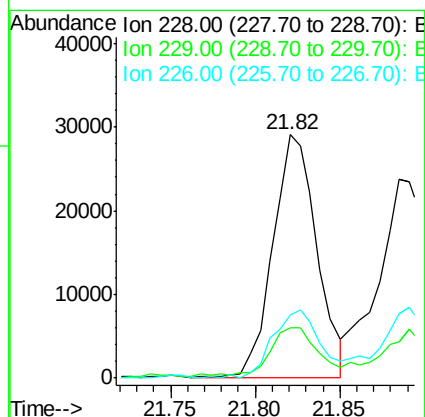
Manual Integrations
APPROVED

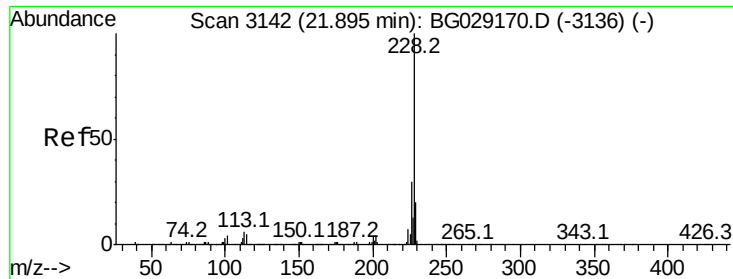
Sohil
10/13/2017 12:08:07 PM



#21
Benzo(a)anthracene
Concen: 2.571 ng/ul
RT: 21.82 min Scan# 3129
Delta R.T. -0.00 min
Lab File: BG029172.D
Acq: 11 Oct 2017 19:18

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.4	15.8	23.8
226	25.8	21.6	32.4





#22

Chrysene

Concen: 2.710 ng/ul

RT: 21.89 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG029172.D

Acq: 11 Oct 2017 19:18

Instrument :

BNA_G

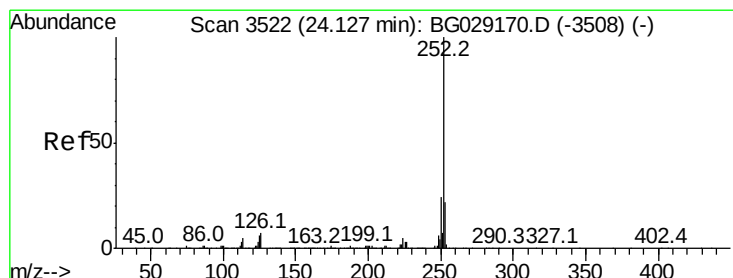
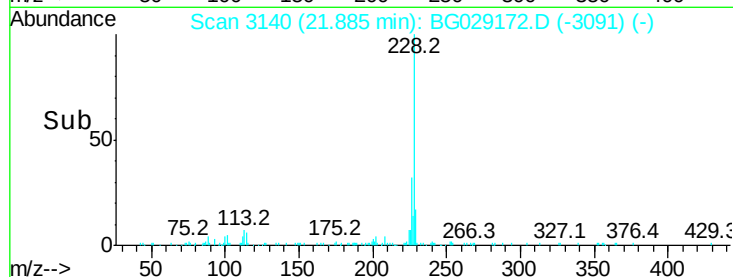
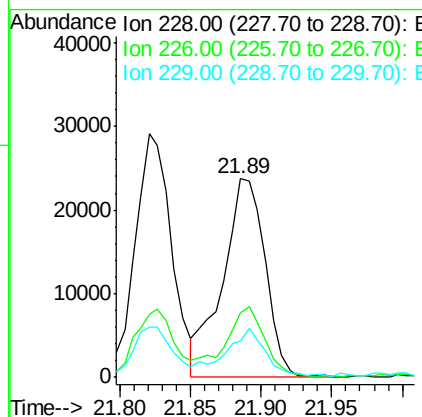
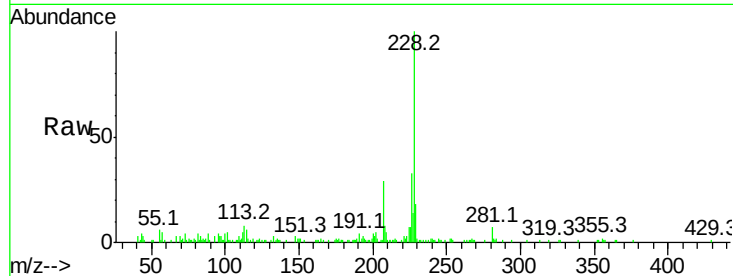
ClientSampleId :

CB3H7

Tot Ion:	228	Resp:	50014
Ion Ratio	Lower	Upper	
228	100		
226	32.8	23.4	35.0
229	18.1	15.7	23.5

Manual Integrations
APPROVED

Sohil
10/13/2017 12:08:07 PM



#24

Benzo(b)fluoranthene

Concen: 3.105 ng/ul m

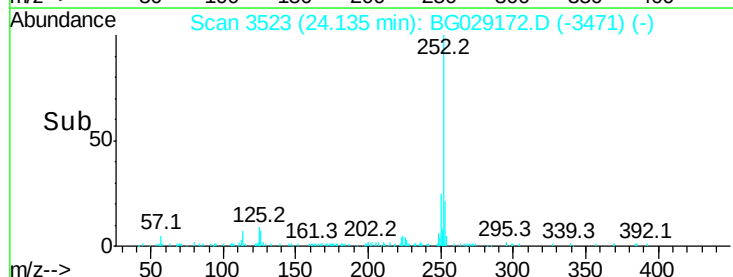
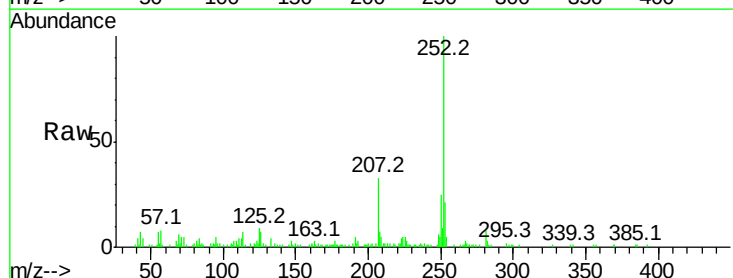
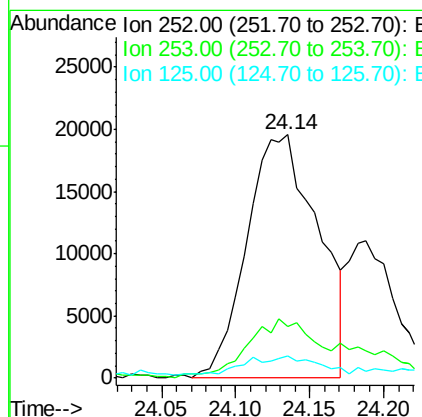
RT: 24.14 min Scan# 3523

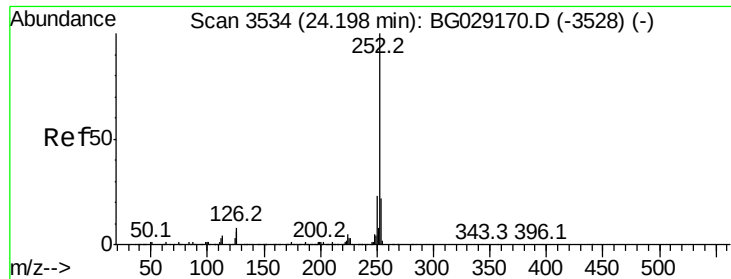
Delta R.T. 0.01 min

Lab File: BG029172.D

Acq: 11 Oct 2017 19:18

Tgt Ion:	252	Resp:	65443
Ion Ratio	Lower	Upper	
252	100		
253	21.3	17.6	26.4
125	8.9	4.5	6.7#





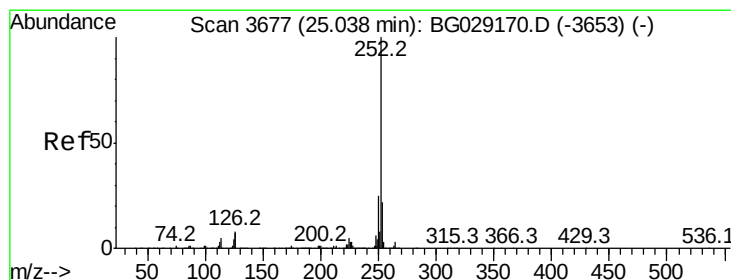
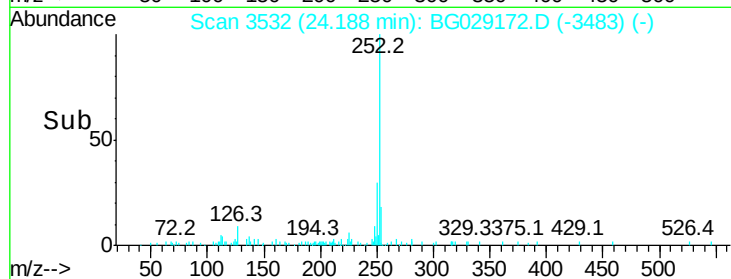
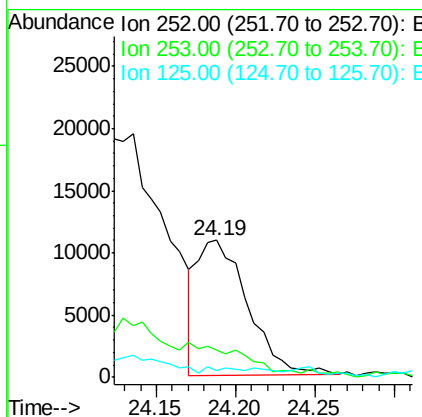
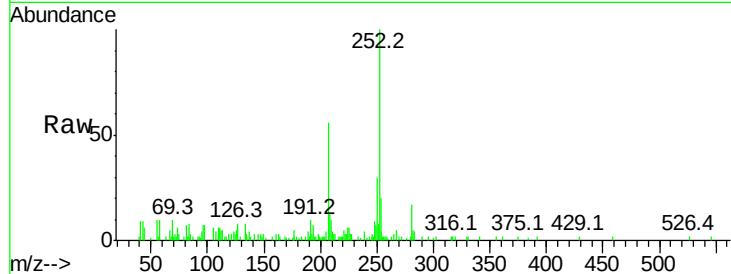
#25
Benzo(k)fluoranthene
Concen: 1.159 ng/ul
RT: 24.19 min Scan# 3532
Delta R.T. -0.01 min
Lab File: BG029172.D
Acq: 11 Oct 2017 19:18

Instrument :
BNA_G
ClientSampled :
CB3H7

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.1	16.8	25.2
125	4.9	5.1	7.7#

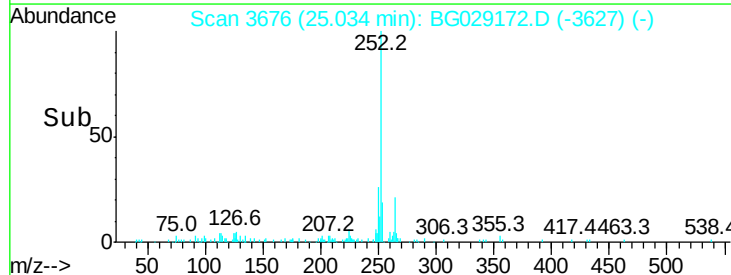
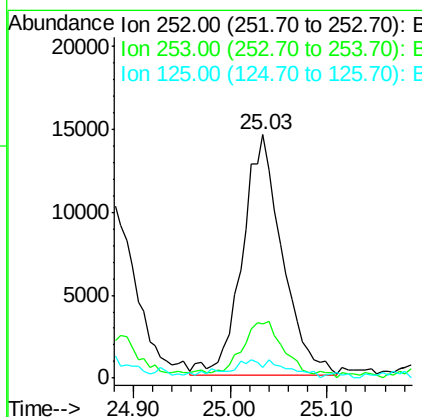
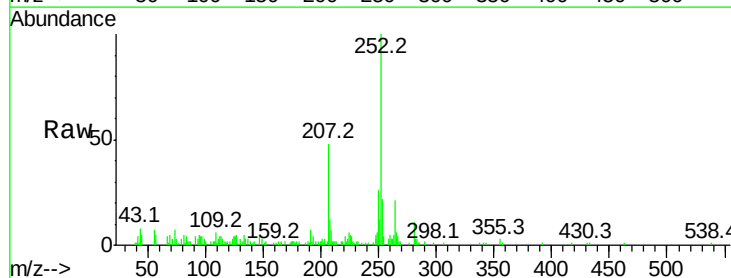
Manual Integrations
APPROVED

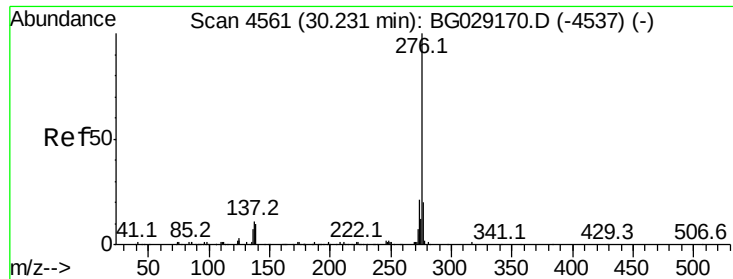
Sohil
10/13/2017 12:08:07 PM



#27
Benzo(a)pyrene
Concen: 2.013 ng/ul m
RT: 25.03 min Scan# 3676
Delta R.T. -0.01 min
Lab File: BG029172.D
Acq: 11 Oct 2017 19:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	4.5	5.4	8.2#





#30

Benzo(a,h,i)perylene

Concen: 1.173 ng/ul

RT: 30.21 min Scan# 4557

Delta R.T. -0.03 min

Lab File: BG029172.D

Acq: 11 Oct 2017 19:18

Instrument :

BNA_G

ClientSampleId :

CB3H7

Tot Ion:	276	Resp:	16036
Ion Ratio	Lower	Upper	
276	100		
138	17.4	9.3	13.9#
277	23.5	17.9	26.9

Manual Integrations
APPROVED

Sohil
10/13/2017 12:08:07 PM

