Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101117\
Data File : BG029159.D
Acq On : 11 Oct 2017 4:42
Operator : SJ/JU
Sample : I5668-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB3G3

Manual Integrations APPROVED
Sohil
10/11/2017 7:22:05 PM

Quant Time: Oct 11 08:03:44 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	46225	20.00	ng/ul	0.00
2) Naphthalene-d8	11.04	136	204069	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.82	164	137673	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.57	188	322785	20.00	ng/ul	0.00
18) Chrysene-d12	21.84	240	348721	20.00	ng/ul	0.00
23) Perylene-d12	25.19	264	350689	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.65	165	31882	8.17	ng/ul	0.00
7) Acenaphthylene-d8	14.53	160	304887	22.09	ng/ul	0.00
10) Fluorene-d10	15.81	176	231116	21.34	ng/ul	0.00
15) Anthracene-d10	17.66	188	340006	21.31	ng/ul	0.00
19) Pyrene-d10	19.94	212	415231	22.66	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.96	264	384501	21.92	ng/ul	0.00
Target Compounds						Qvalue
4) Naphthalene	11.08	128	11151	1.040	ng/ul#	87
9) Acenaphthene	14.89	153	11262	1.213	ng/ul	95
11) Fluorene	15.87	166	12250	1.145	ng/ul	96
14) Phenanthrene	17.61	178	225036	12.871	ng/ul	98
16) Anthracene	17.70	178	45802	2.555	ng/ul	99
17) Fluoranthene	19.60	202	380012	18.470	ng/ul	98
20) Pyrene	19.96	202	330906	15.651	ng/ul	99
21) Benzo(a)anthracene	21.83	228	197978	9.318	ng/ul	98
22) Chrysene	21.89	228	181495	9.464	ng/ul	95
24) Benzo(b)fluoranthene	24.13	252	259526	12.010	ng/ul#	96
25) Benzo(k)fluoranthene	24.19	252	70979	3.334	ng/ul	98
27) Benzo(a)pyrene	25.03	252	158519	7.516	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	29.02	276	84680	4.213	ng/ul	94
29) Dibenzo(a,h)anthracene	29.08	278	30613m	1.716	ng/ul	
30) Benzo(g,h,i)perylene	30.21	276	63714m	4.546	ng/ul	

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

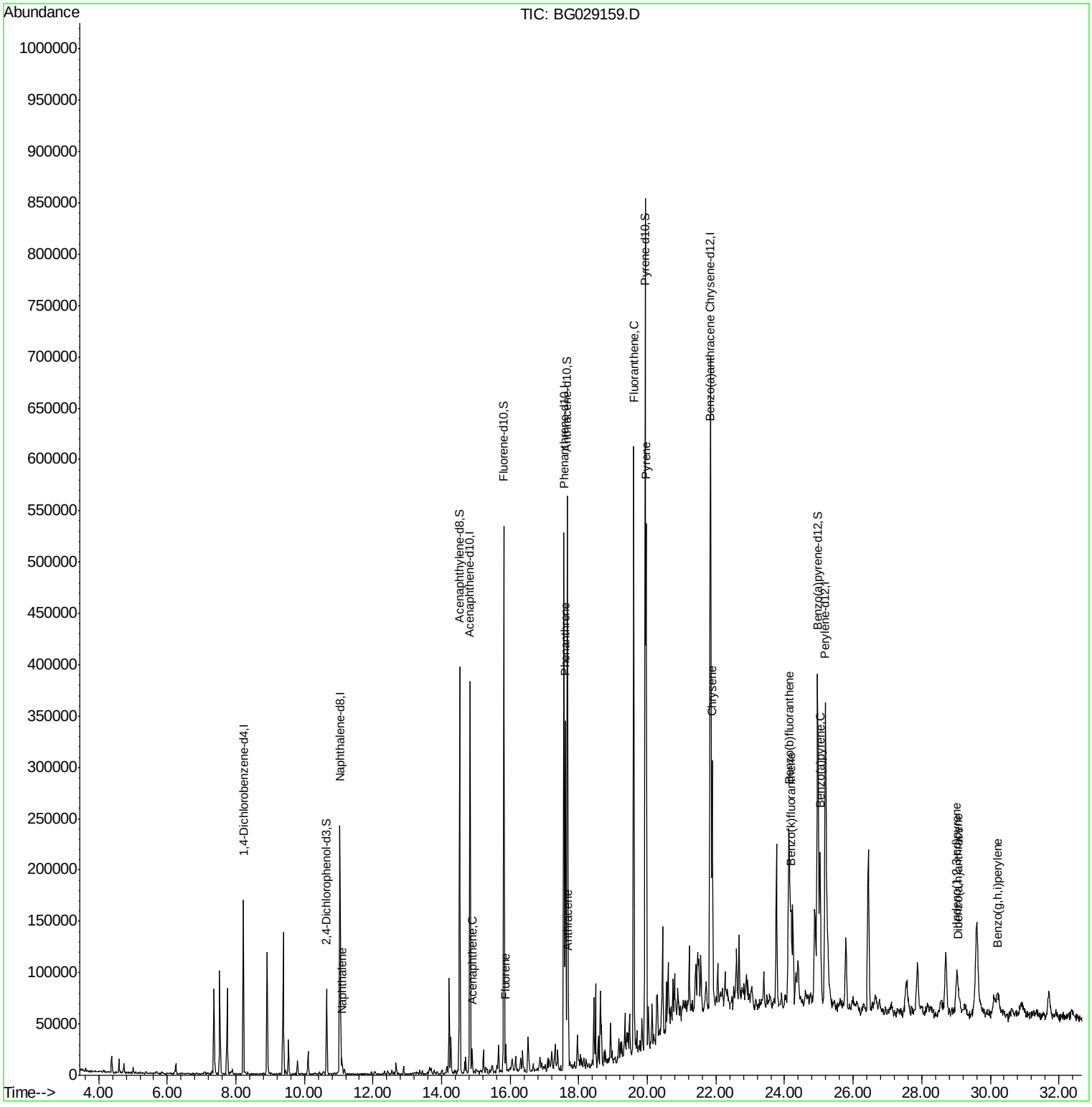
Quantitation Report (QT Reviewed)

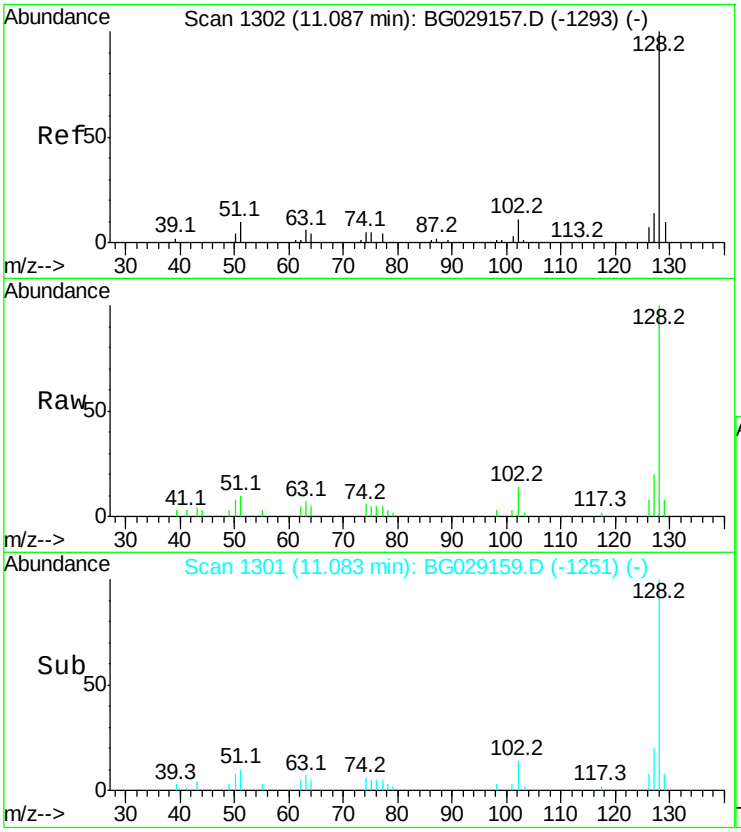
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101117\
Data File : BG029159.D
Acq On : 11 Oct 2017 4:42
Operator : SJ/JU
Sample : I5668-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 11 08:03:44 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

Instrument :
BNA_G
ClientSampleId :
CB3G3

Manual Integrations APPROVED
Sohil
10/11/2017 7:22:05 PM

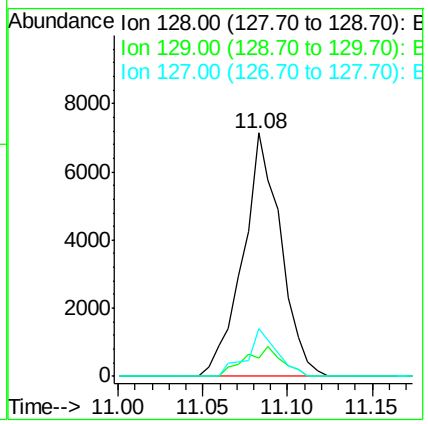




#4
Naphthalene
Concen: 1.040 ng/ul
RT: 11.08 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BG029159.D
Acq: 11 Oct 2017 4:42

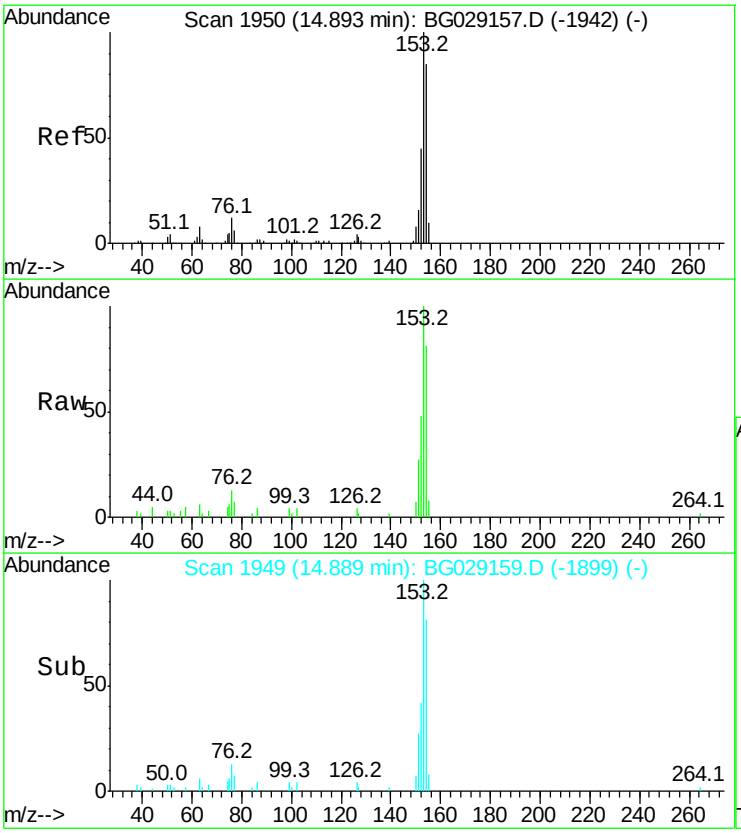
Tgt Ion:128 Resp: 11151

Ion	Ratio	Lower	Upper
128	100		
129	7.6	9.0	13.4#
127	19.8	10.6	15.8#



Instrument :
BNA_G
ClientSampleId :
CB3G3

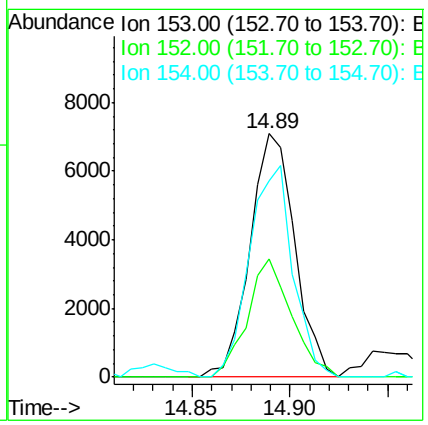
Manual Integrations APPROVED
Sohil
10/11/2017 7:22:05 PM

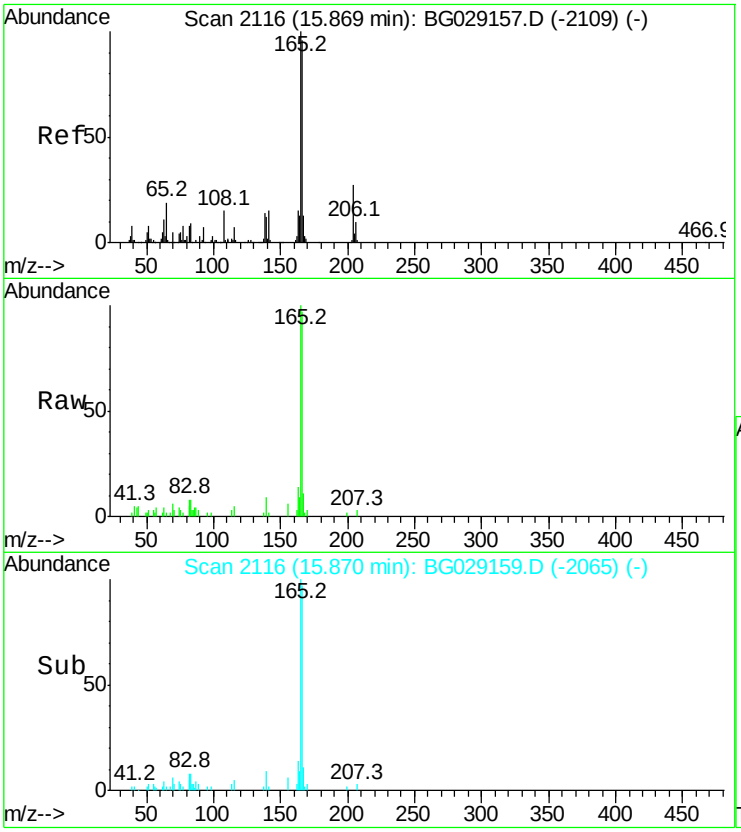


#9
Acenaphthene
Concen: 1.213 ng/ul
RT: 14.89 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BG029159.D
Acq: 11 Oct 2017 4:42

Tgt Ion:153 Resp: 11262

Ion	Ratio	Lower	Upper
153	100		
152	48.4	36.2	54.4
154	80.5	68.4	102.6

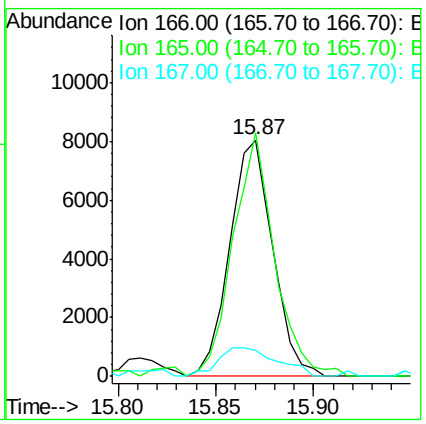




#11
Fluorene
Concen: 1.145 ng/ul
RT: 15.87 min Scan# 2116
Delta R.T. 0.00 min
Lab File: BG029159.D
Acq: 11 Oct 2017 4:42

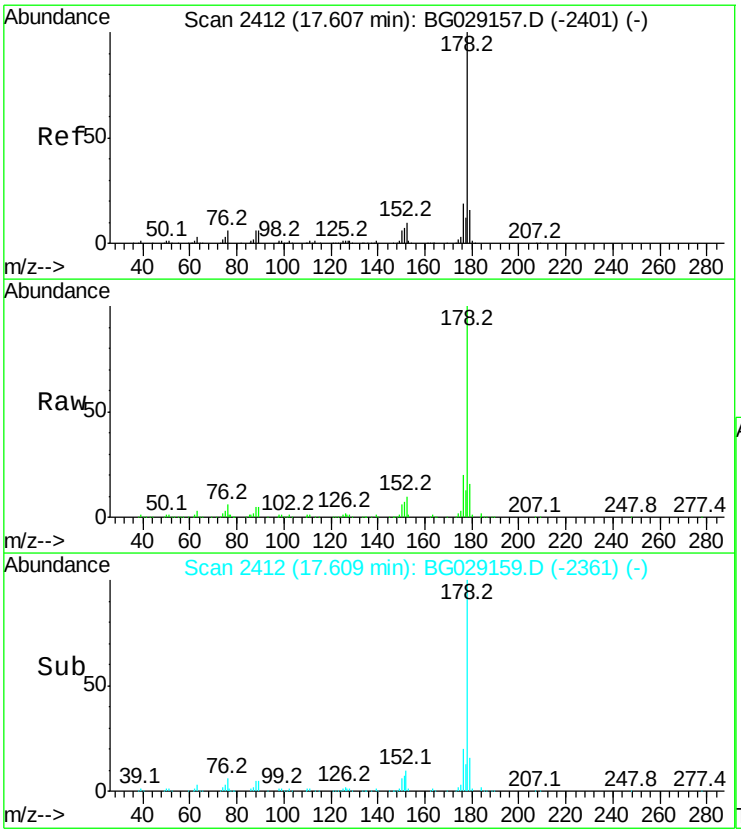
Tgt Ion:166 Resp: 12250

Ion	Ratio	Lower	Upper
166	100		
165	103.2	79.4	119.0
167	11.1	10.2	15.4



Instrument :
BNA_G
ClientSampleId :
CB3G3

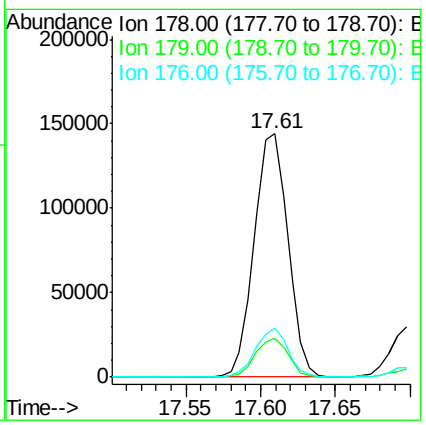
Manual Integrations APPROVED
Sohil
10/11/2017 7:22:05 PM

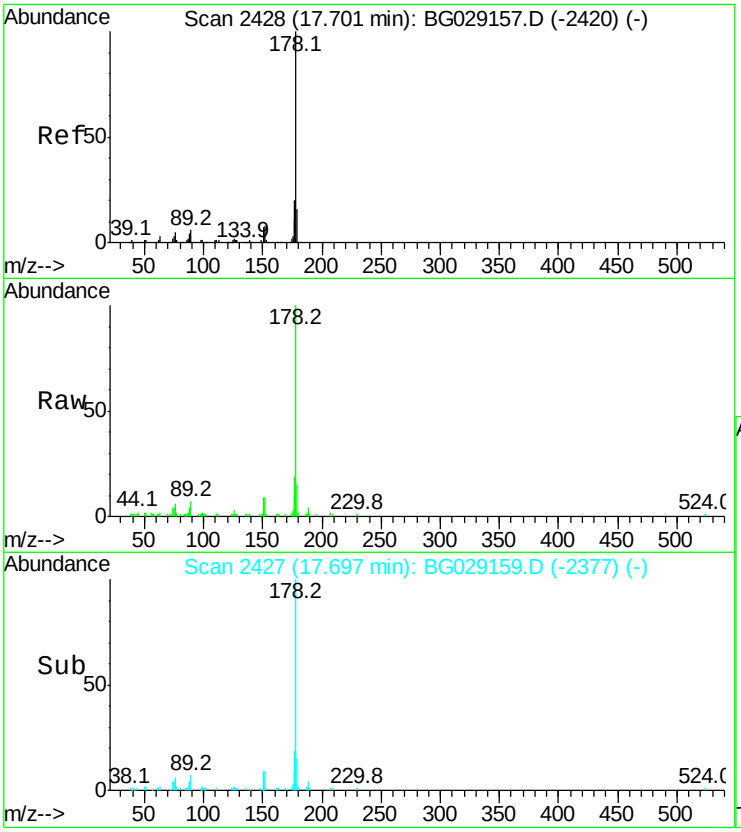


#14
Phenanthrene
Concen: 12.871 ng/ul
RT: 17.61 min Scan# 2412
Delta R.T. 0.00 min
Lab File: BG029159.D
Acq: 11 Oct 2017 4:42

Tgt Ion:178 Resp: 225036

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.2	18.2
176	19.9	15.0	22.6

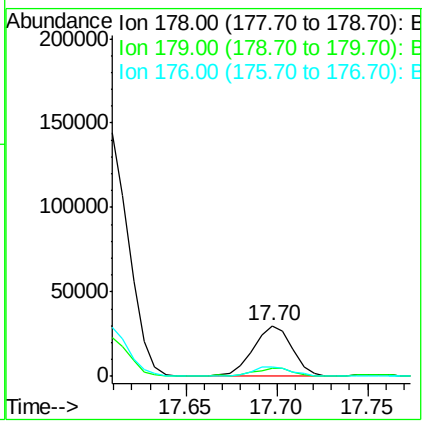




#16
Anthracene
Concen: 2.555 ng/ul
RT: 17.70 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BG029159.D
Acq: 11 Oct 2017 4:42

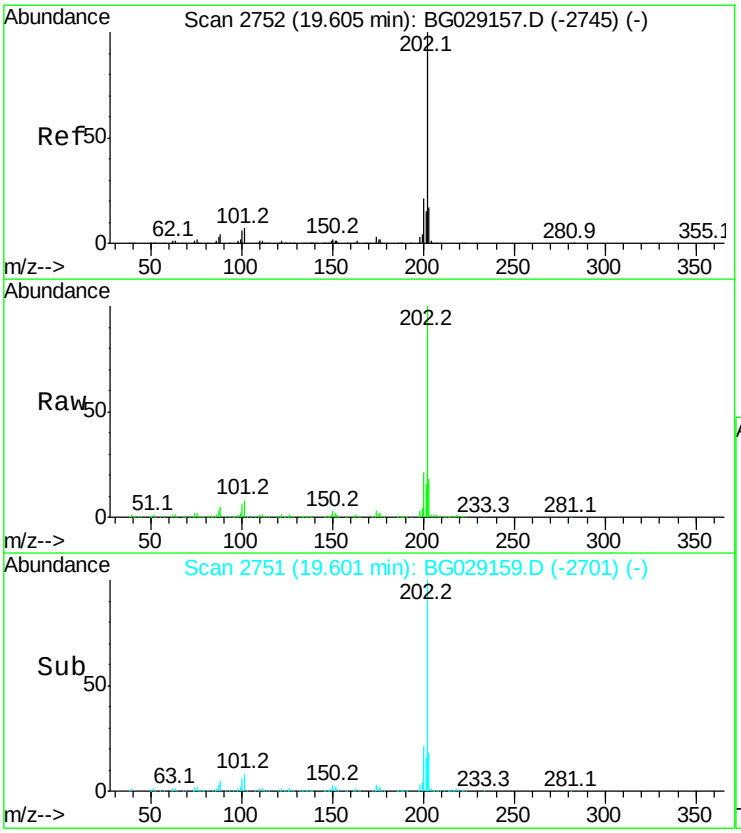
Tgt Ion:178 Resp: 45802

Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.5	18.7
176	19.3	15.7	23.5



Instrument :
BNA_G
ClientSampleId :
CB3G3

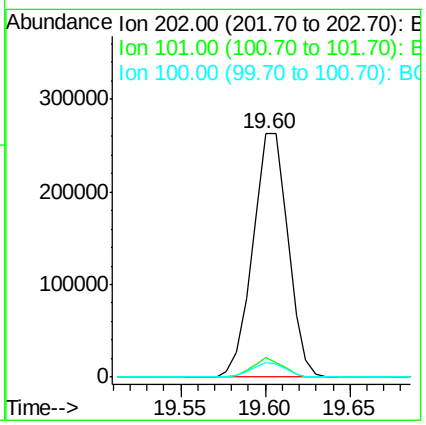
Manual Integrations APPROVED
Sohil
10/11/2017 7:22:05 PM

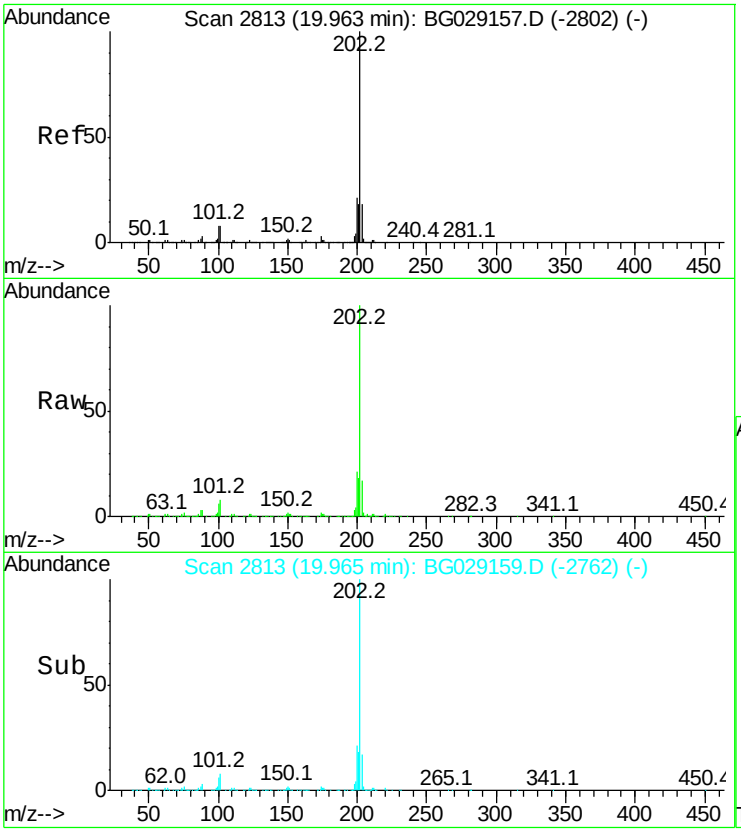


#17
Fluoranthene
Concen: 18.470 ng/ul
RT: 19.60 min Scan# 2751
Delta R.T. -0.00 min
Lab File: BG029159.D
Acq: 11 Oct 2017 4:42

Tgt Ion:202 Resp: 380012

Ion	Ratio	Lower	Upper
202	100		
101	7.8	5.6	8.4
100	6.1	4.7	7.1

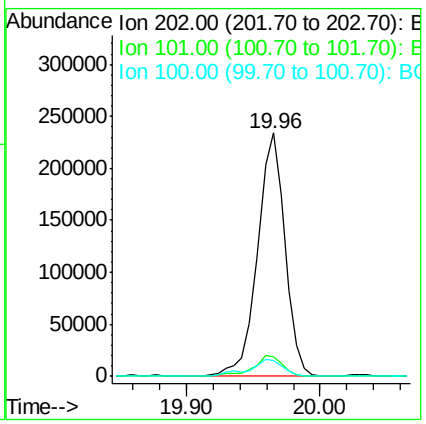




#20
Pyrene
Concen: 15.651 ng/ul
RT: 19.96 min Scan# 2813
Delta R.T. 0.00 min
Lab File: BG029159.D
Acq: 11 Oct 2017 4:42

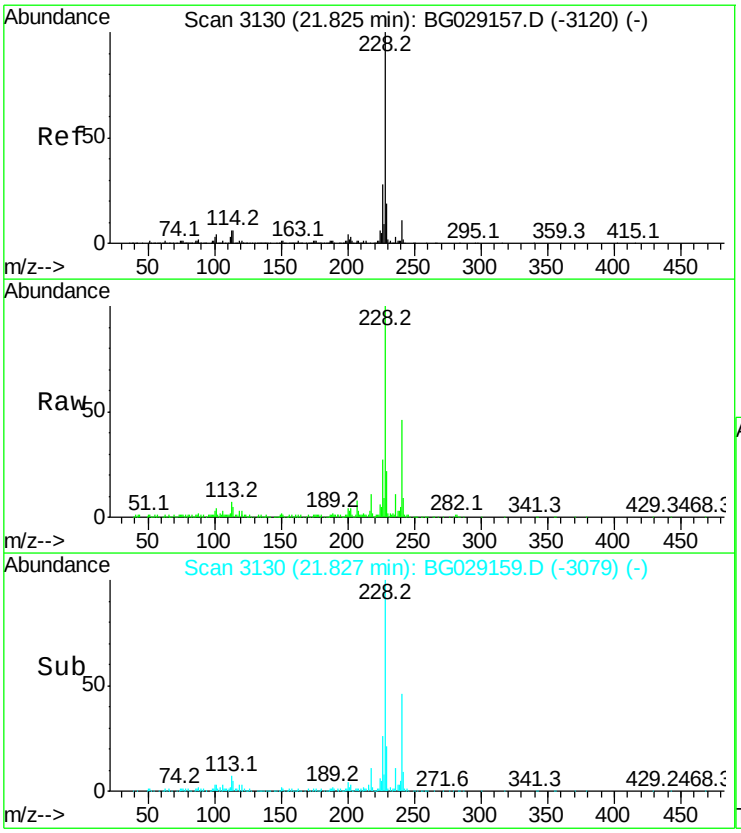
Tgt Ion:202 Resp: 330906

Ion	Ratio	Lower	Upper
202	100		
101	8.2	6.5	9.7
100	6.4	5.5	8.3



Instrument :
BNA_G
ClientSampleId :
CB3G3

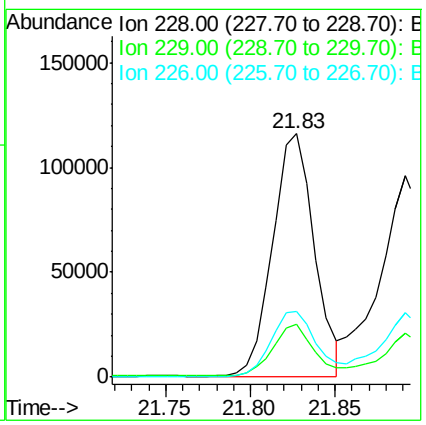
Manual Integrations APPROVED
Sohil
10/11/2017 7:22:05 PM

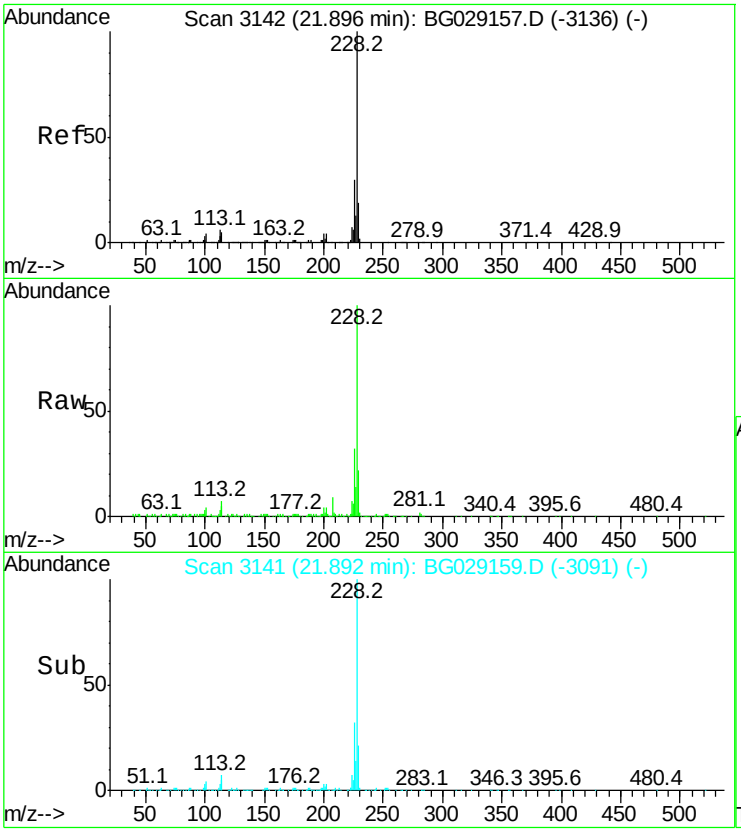


#21
Benzo(a)anthracene
Concen: 9.318 ng/ul
RT: 21.83 min Scan# 3130
Delta R.T. 0.00 min
Lab File: BG029159.D
Acq: 11 Oct 2017 4:42

Tgt Ion:228 Resp: 197978

Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.8	23.8
226	27.1	21.6	32.4





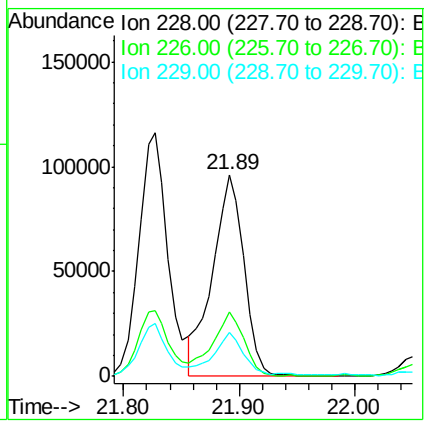
#22
Chrysene
Concen: 9.464 ng/ul
RT: 21.89 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG029159.D
Acq: 11 Oct 2017 4:42

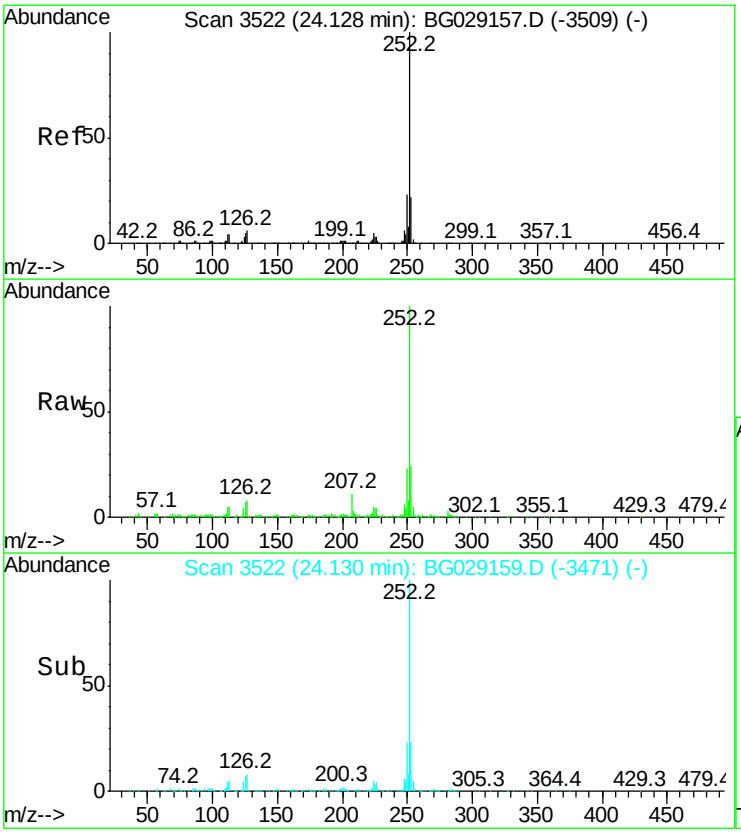
Tgt Ion:228 Resp: 181495

Ion	Ratio	Lower	Upper
228	100		
226	32.0	23.4	35.0
229	21.7	15.7	23.5

Instrument :
BNA_G
ClientSampleId :
CB3G3

Manual Integrations APPROVED
Sohil
10/11/2017 7:22:05 PM

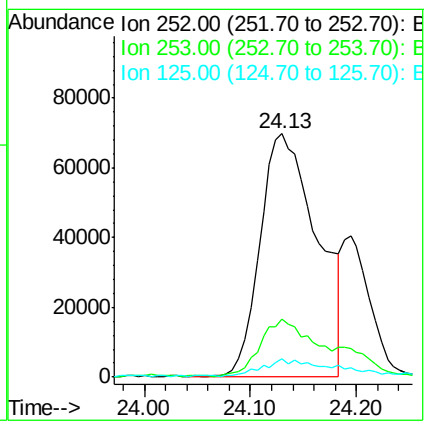


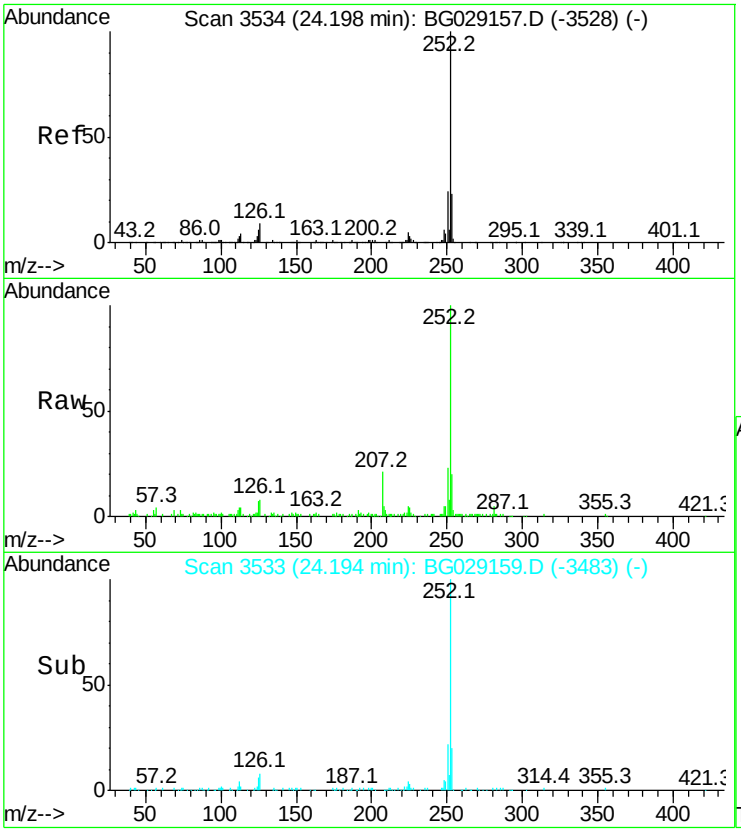


#24
Benzo(b)fluoranthene
Concen: 12.010 ng/ul
RT: 24.13 min Scan# 3522
Delta R.T. 0.00 min
Lab File: BG029159.D
Acq: 11 Oct 2017 4:42

Tgt Ion:252 Resp: 259526

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.6	26.4
125	7.4	4.5	6.7#

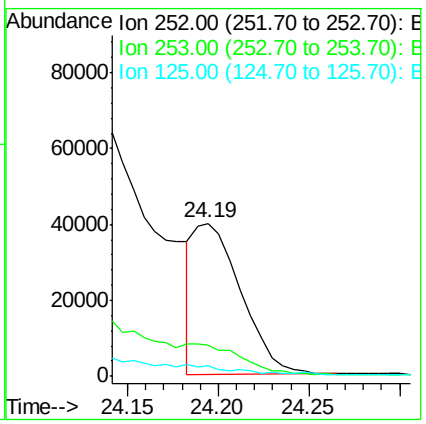




#25
Benzo(k)fluoranthene
Concen: 3.334 ng/ul
RT: 24.19 min Scan# 3533
Delta R.T. -0.00 min
Lab File: BG029159.D
Acq: 11 Oct 2017 4:42

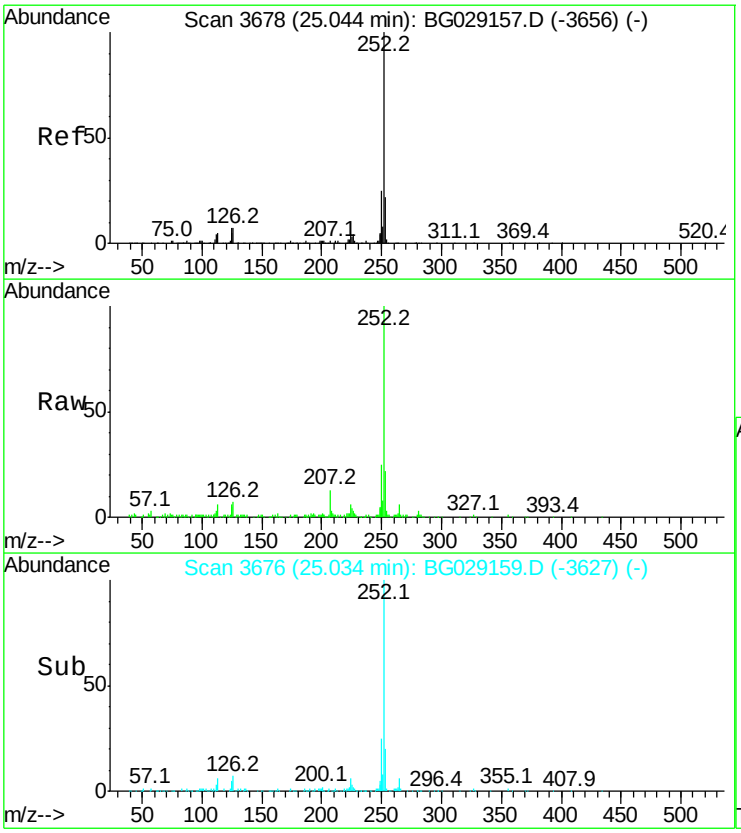
Tgt Ion:252 Resp: 70979

Ion	Ratio	Lower	Upper
252	100		
253	20.1	16.8	25.2
125	6.9	5.1	7.7



Instrument :
BNA_G
ClientSampleId :
CB3G3

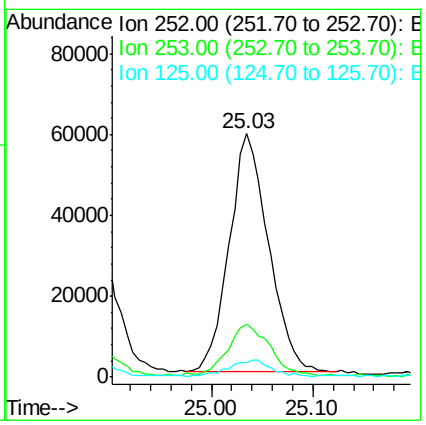
Manual Integrations APPROVED
Sohil
10/11/2017 7:22:05 PM

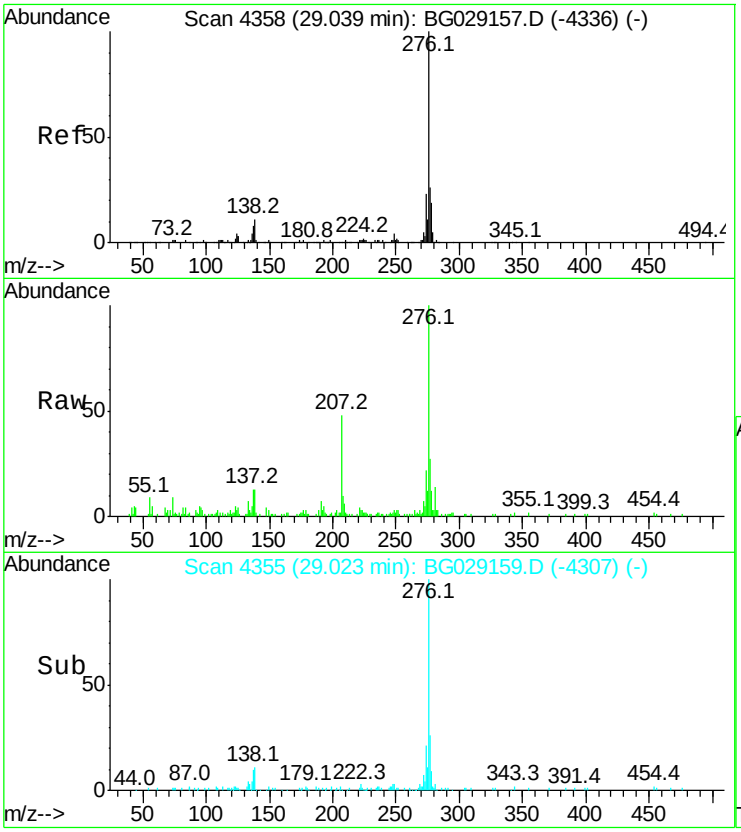


#27
Benzo(a)pyrene
Concen: 7.516 ng/ul
RT: 25.03 min Scan# 3676
Delta R.T. -0.01 min
Lab File: BG029159.D
Acq: 11 Oct 2017 4:42

Tgt Ion:252 Resp: 158519

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	5.9	5.4	8.2





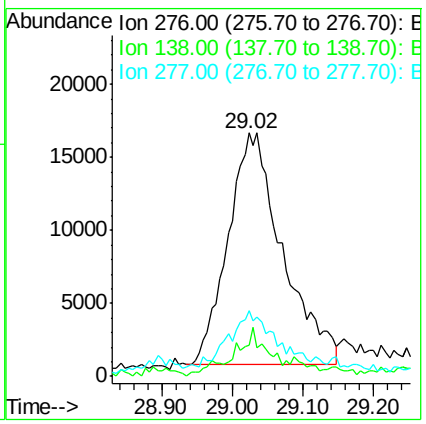
#28
Indeno(1,2,3-cd)pyrene
Concen: 4.213 ng/ul
RT: 29.02 min Scan# 4355
Delta R.T. -0.02 min
Lab File: BG029159.D
Acq: 11 Oct 2017 4:42

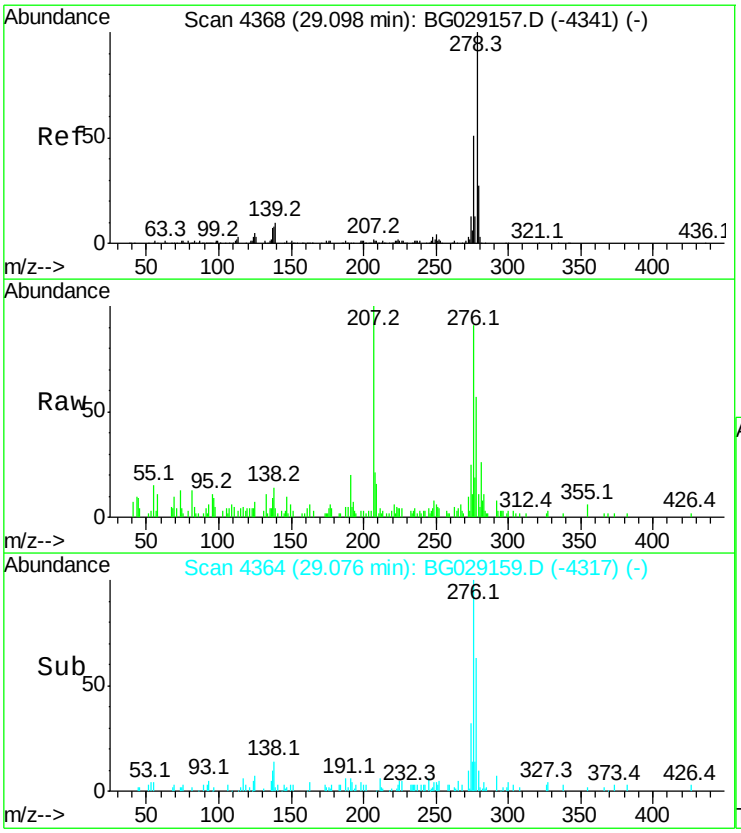
Tgt Ion:276 Resp: 84680

Ion	Ratio	Lower	Upper
276	100		
138	12.7	9.5	14.3
277	26.8	18.1	27.1

Instrument :
BNA_G
ClientSampleId :
CB3G3

Manual Integrations APPROVED
Sohil
10/11/2017 7:22:05 PM

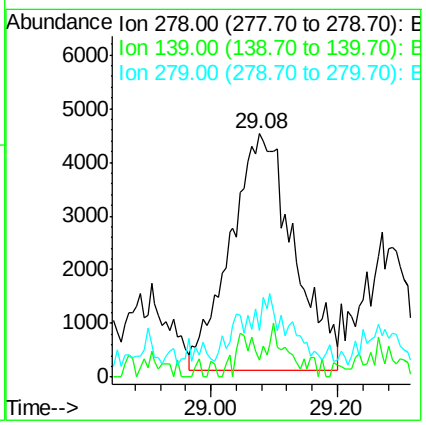


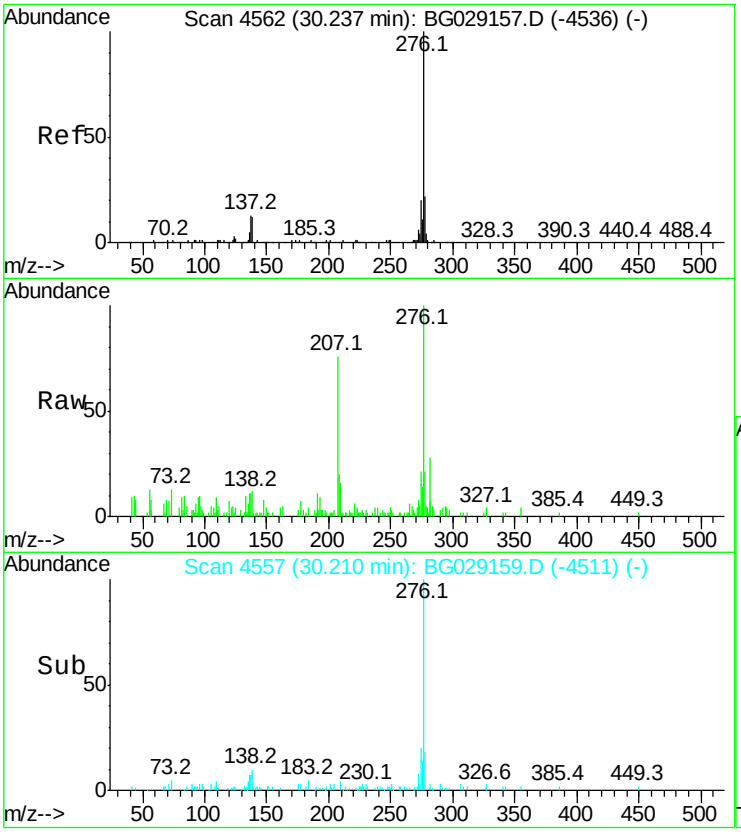


#29
Dibenzo(a,h)anthracene
Concen: 1.716 ng/ul m
RT: 29.08 min Scan# 4364
Delta R.T. -0.02 min
Lab File: BG029159.D
Acq: 11 Oct 2017 4:42

Tgt Ion:278 Resp: 30613

Ion	Ratio	Lower	Upper
278	100		
139	6.8	8.3	12.5#
279	19.1	17.1	25.7

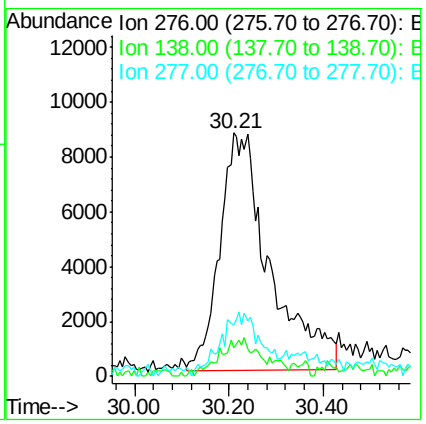




#30
Benzo(g,h,i)perylene
Concen: 4.546 ng/ul m
RT: 30.21 min Scan# 4557
Delta R.T. -0.03 min
Lab File: BG029159.D
Acq: 11 Oct 2017 4:42

Tgt Ion:276 Resp: 63714

Ion	Ratio	Lower	Upper
276	100		
138	11.8	9.3	13.9
277	21.4	17.9	26.9



Instrument :
BNA_G
ClientSampleId :
CB3G3

Manual Integrations APPROVED
Sohil
10/11/2017 7:22:05 PM