Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052617\
Data File : BG027145.D
Acq On : 25 May 2017 2:03
Operator : SJ/MA
Sample : I3279-09MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DACB4MS

Manual Integrations APPROVED
mohammad
5/26/2017 11:55:23 AM

Quant Time: May 25 05:59:12 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	221535	20.00	ng/ul	0.00
2) Naphthalene-d8	10.80	136	1048596	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	540489	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.36	188	987120	20.00	ng/ul	0.00
17) Chrysene-d12	21.61	240	883895	20.00	ng/ul	0.00
22) Perylene-d12	24.79	264	787551	20.00	ng/ul	0.01
System Monitoring Compounds						
7) Acenaphthylene-d8	14.31	160	1165741	21.03	ng/ul	0.00
10) Fluorene-d10	15.61	176	739394	19.99	ng/ul	0.00
14) Anthracene-d10	17.46	188	996432m	20.70	ng/ul	0.00
18) Pyrene-d10	19.74	212	988745	21.42	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.57	264	854730	21.84	ng/ul	0.01
Target Compounds						Qvalue
9) Acenaphthene	14.68	153	858185	22.50	ng/ul	97
13) Phenanthrene	17.40	178	587289	10.64	ng/ul	99
15) Anthracene	17.49	178	131776	2.32	ng/ul	97
16) Fluoranthene	19.41	202	1077474	19.10	ng/ul#	90
19) Pyrene	19.77	202	2013031	34.85	ng/ul#	81
20) Benzo(a)anthracene	21.59	228	554435	10.41	ng/ul	94
21) Chrysene	21.65	228	536256	10.97	ng/ul	97
23) Benzo(b)fluoranthene	23.78	252	704213	15.05	ng/ul#	90
24) Benzo(k)fluoranthene	23.84	252	311881m	6.48	ng/ul	
26) Benzo(a)pyrene	24.64	252	449906	9.82	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	28.41	276	216329	5.14	ng/ul#	82
28) Dibenzo(a,h)anthracene	28.44	278	54261	1.49	ng/ul#	73
29) Benzo(g,h,i)perylene	29.54	276	162958m	4.86	ng/ul	

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

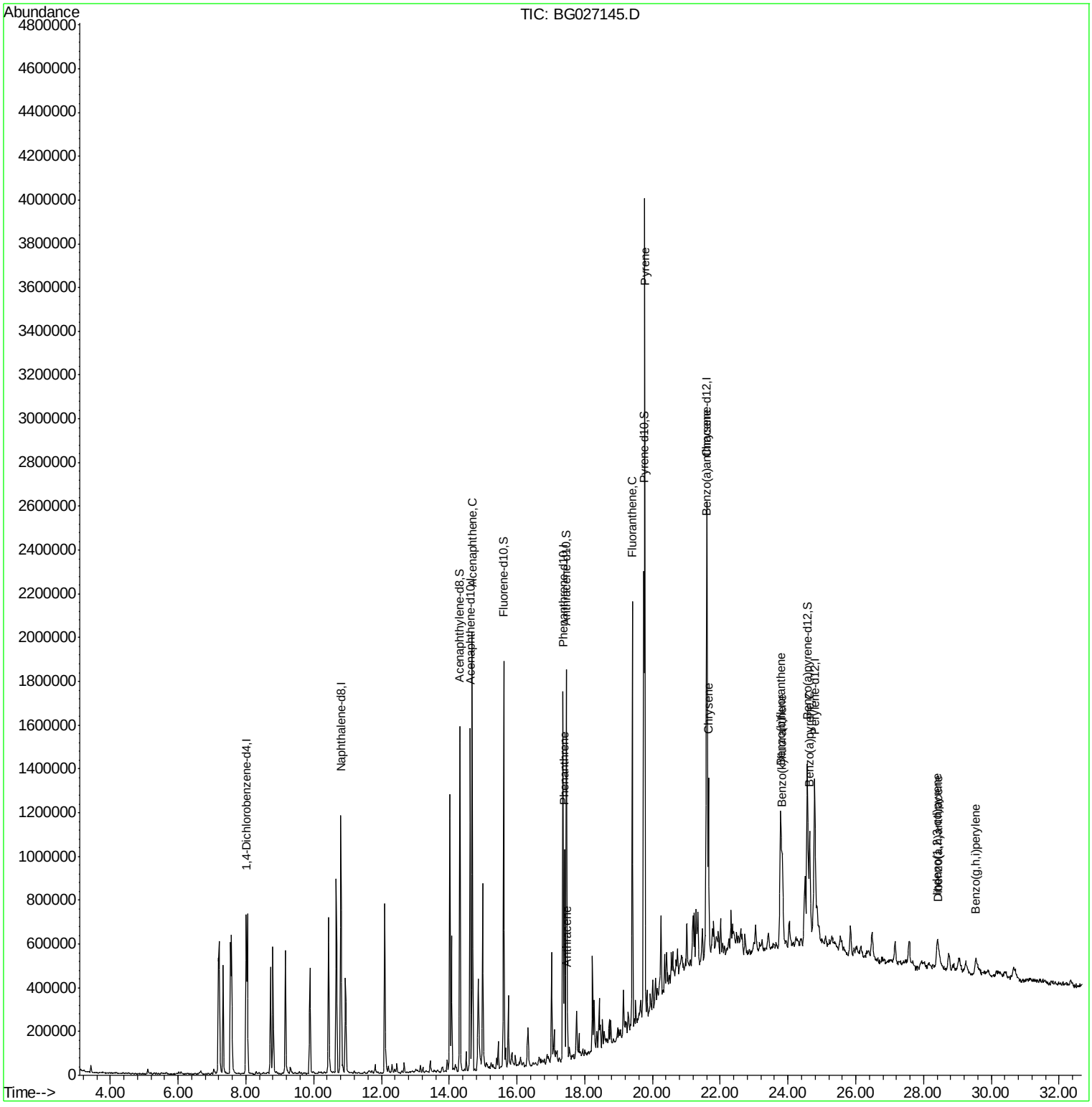
Quantitation Report (QT Reviewed)

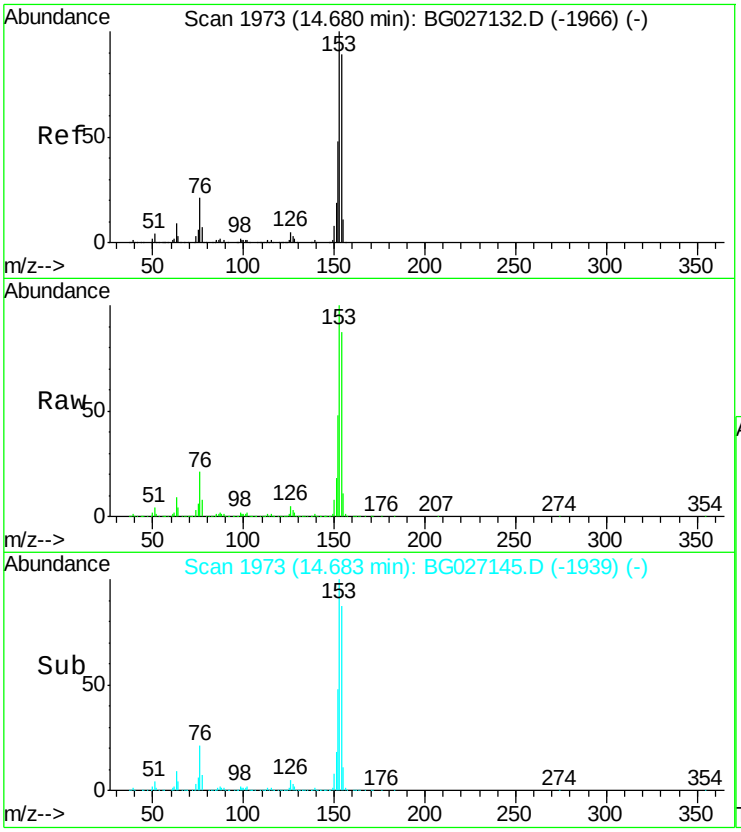
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052617\
Data File : BG027145.D
Acq On : 25 May 2017 2:03
Operator : SJ/MA
Sample : I3279-09MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 25 05:59:12 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

Instrument :
BNA_G
ClientSampleId :
DACB4MS

Manual Integrations APPROVED
mohammad
5/26/2017 11:55:23 AM

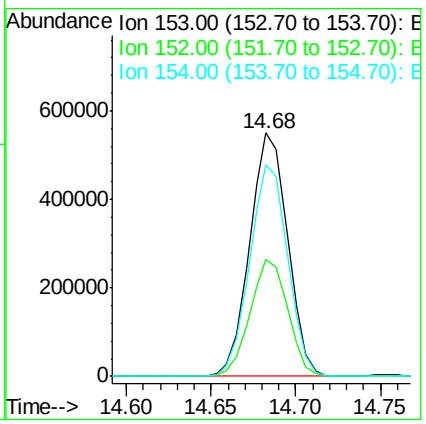




#9
Acenaphthene
Concen: 22.50 ng/ul
RT: 14.68 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG027145.D
Acq: 25 May 2017 2:03

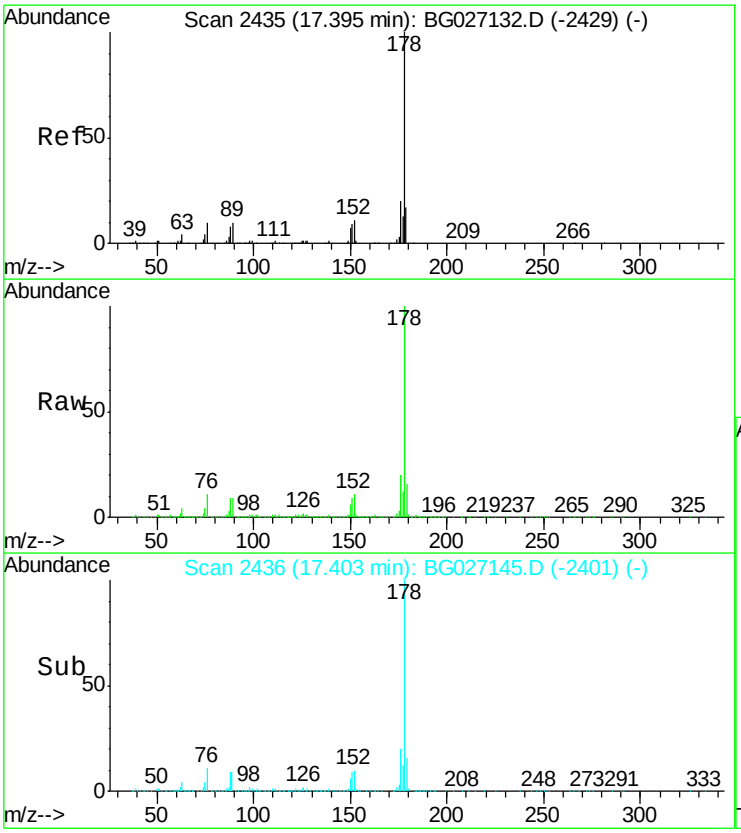
Tgt Ion:153 Resp: 858185

Ion	Ratio	Lower	Upper
153	100		
152	48.0	39.0	58.6
154	86.9	66.8	100.2



Instrument :
BNA_G
ClientSampleId :
DACB4MS

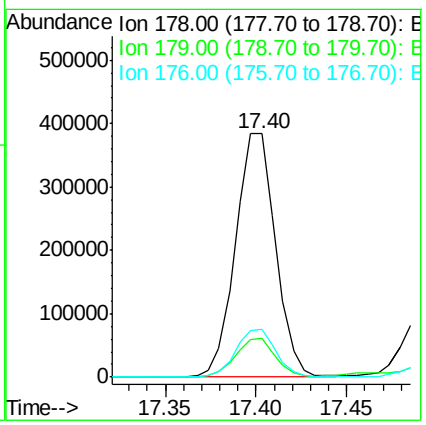
Manual Integrations APPROVED
mohammad
5/26/2017 11:55:23 AM

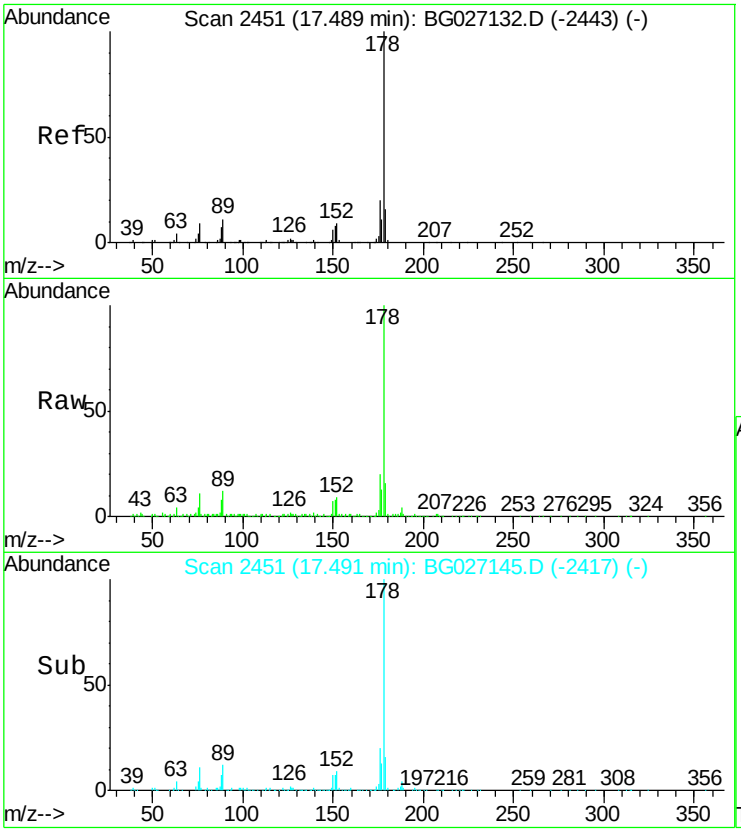


#13
Phenanthrene
Concen: 10.64 ng/ul
RT: 17.40 min Scan# 2436
Delta R.T. 0.01 min
Lab File: BG027145.D
Acq: 25 May 2017 2:03

Tgt Ion:178 Resp: 587289

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	19.8	15.1	22.7

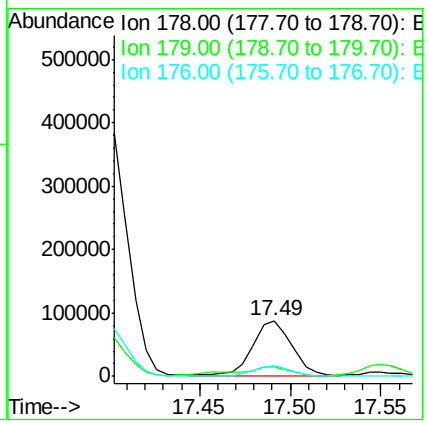




#15
Anthracene
Concen: 2.32 ng/ul
RT: 17.49 min Scan# 2451
Delta R.T. 0.00 min
Lab File: BG027145.D
Acq: 25 May 2017 2:03

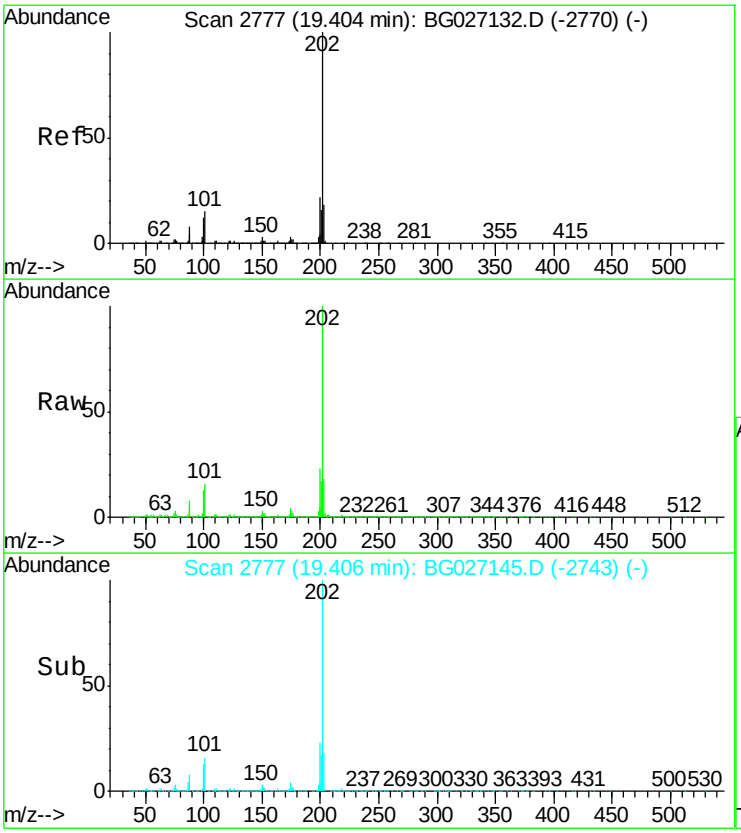
Tgt Ion:178 Resp: 131776

Ion	Ratio	Lower	Upper
178	100		
179	16.3	11.8	17.8
176	19.8	15.2	22.8



Instrument :
BNA_G
ClientSampleId :
DACB4MS

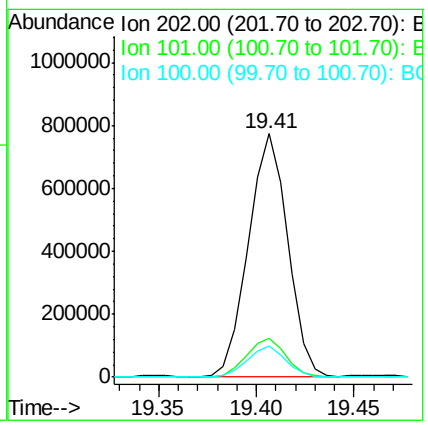
Manual Integrations APPROVED
mohammad
5/26/2017 11:55:23 AM

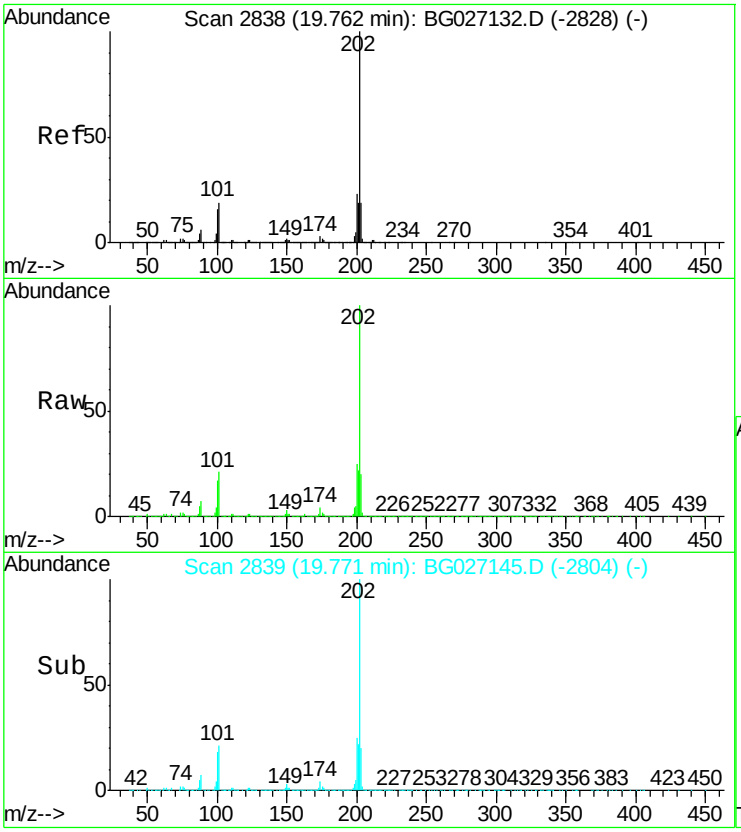


#16
Fluoranthene
Concen: 19.10 ng/ul
RT: 19.41 min Scan# 2777
Delta R.T. 0.00 min
Lab File: BG027145.D
Acq: 25 May 2017 2:03

Tgt Ion:202 Resp: 1077474

Ion	Ratio	Lower	Upper
202	100		
101	16.1	9.9	14.9#
100	12.8	7.4	11.0#





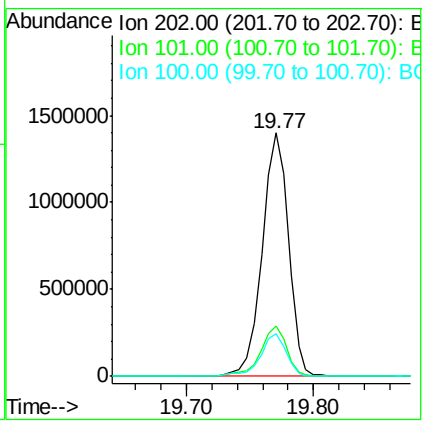
#19
Pyrene
Concen: 34.85 ng/ul
RT: 19.77 min Scan# 2839
Delta R.T. 0.01 min
Lab File: BG027145.D
Acq: 25 May 2017 2:03

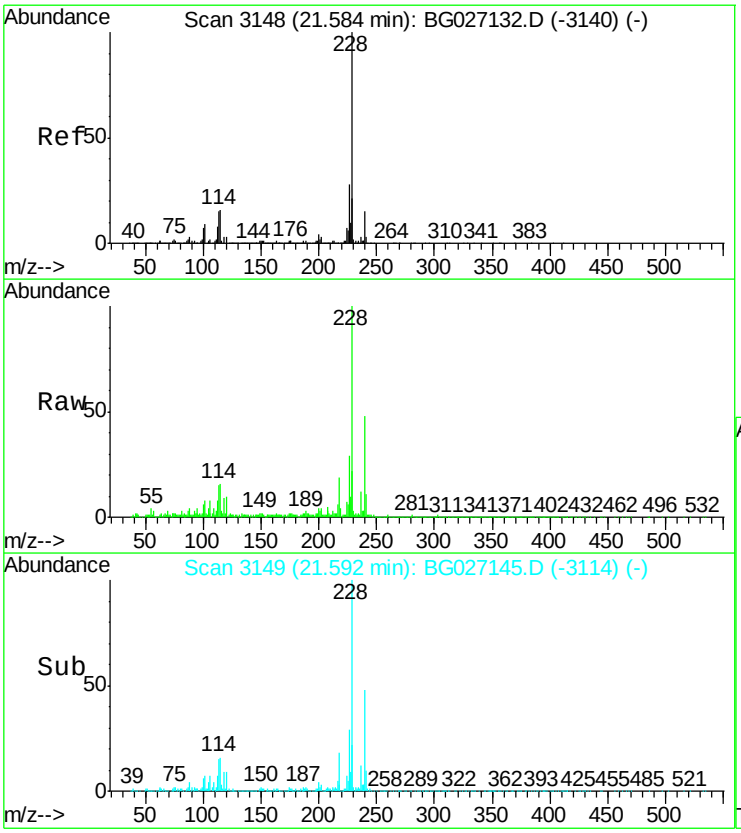
Tgt Ion:202 Resp: 2013031

Ion	Ratio	Lower	Upper
202	100		
101	20.9	11.0	16.4#
100	17.5	8.1	12.1#

Instrument :
BNA_G
ClientSampleId :
DACB4MS

Manual Integrations APPROVED
mohammad
5/26/2017 11:55:23 AM

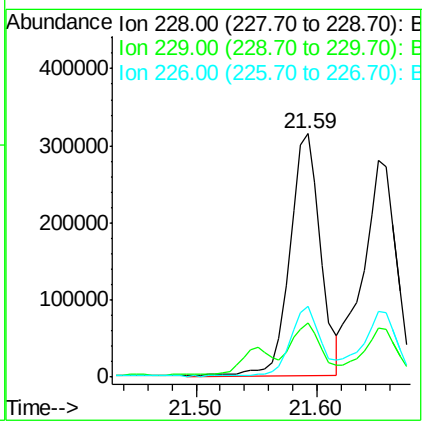


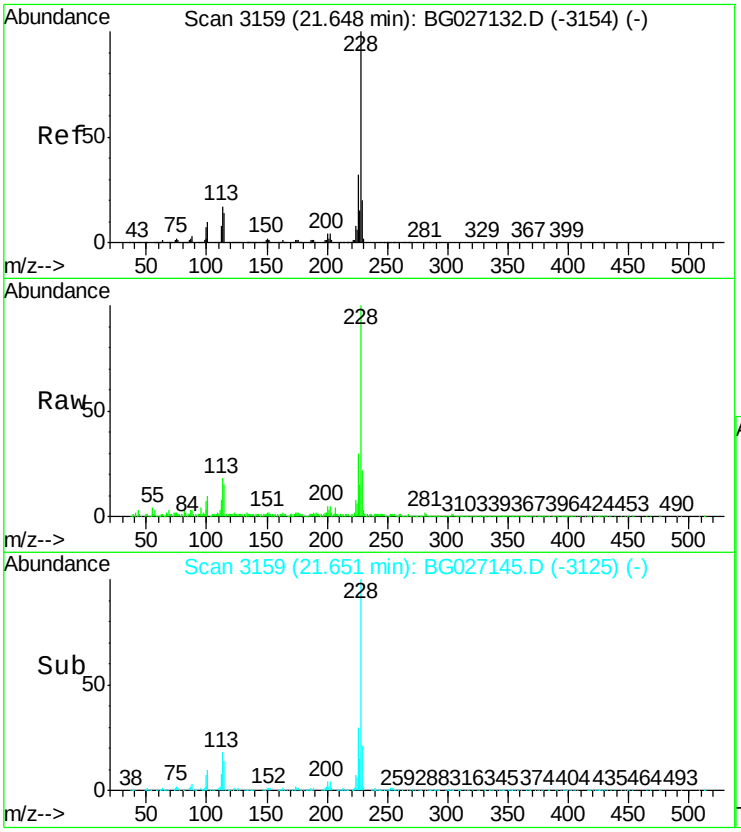


#20
Benzo(a)anthracene
Concen: 10.41 ng/ul
RT: 21.59 min Scan# 3149
Delta R.T. 0.01 min
Lab File: BG027145.D
Acq: 25 May 2017 2:03

Tgt Ion:228 Resp: 554435

Ion	Ratio	Lower	Upper
228	100		
229	22.4	15.7	23.5
226	29.3	21.1	31.7





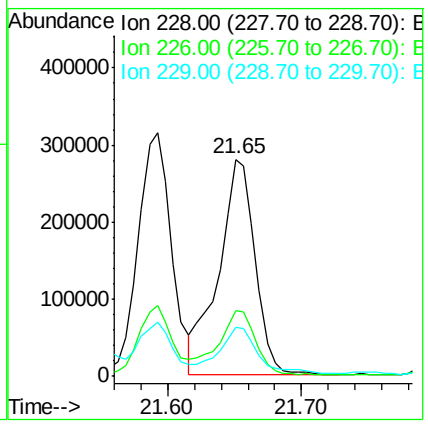
#21
Chrysene
Concen: 10.97 ng/ul
RT: 21.65 min Scan# 3159
Delta R.T. 0.00 min
Lab File: BG027145.D
Acq: 25 May 2017 2:03

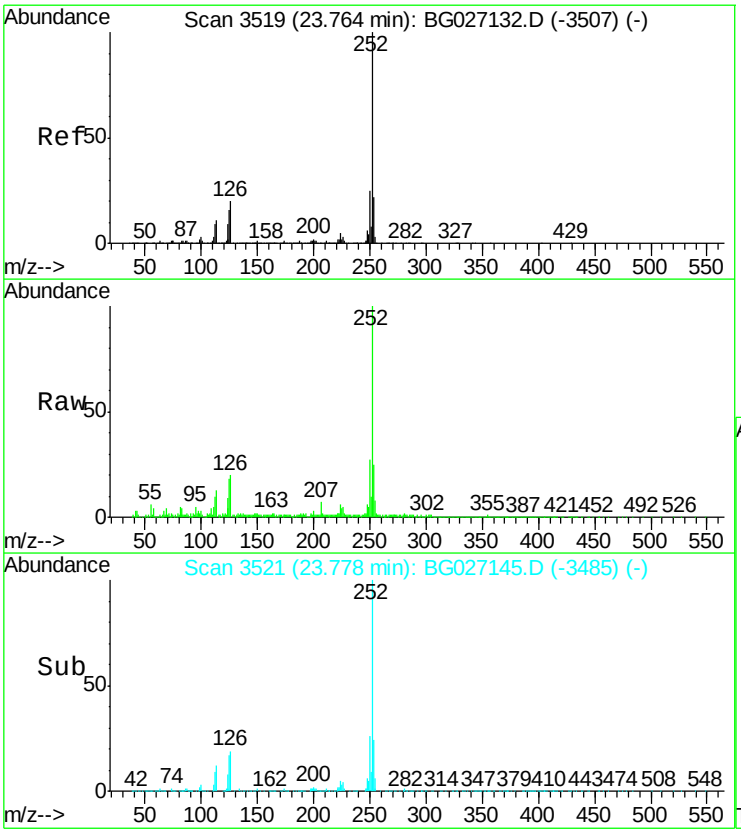
Tgt Ion:228 Resp: 536256

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.5	36.7
229	22.4	15.8	23.8

Instrument :
BNA_G
ClientSampleId :
DACB4MS

Manual Integrations APPROVED
mohammad
5/26/2017 11:55:23 AM

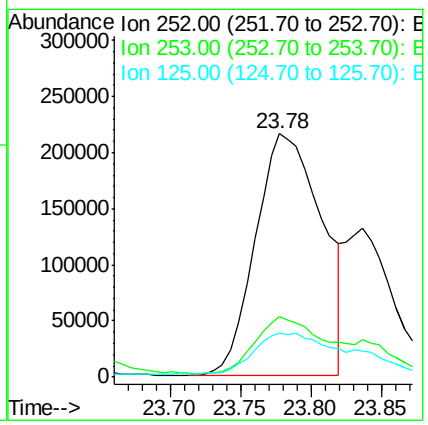


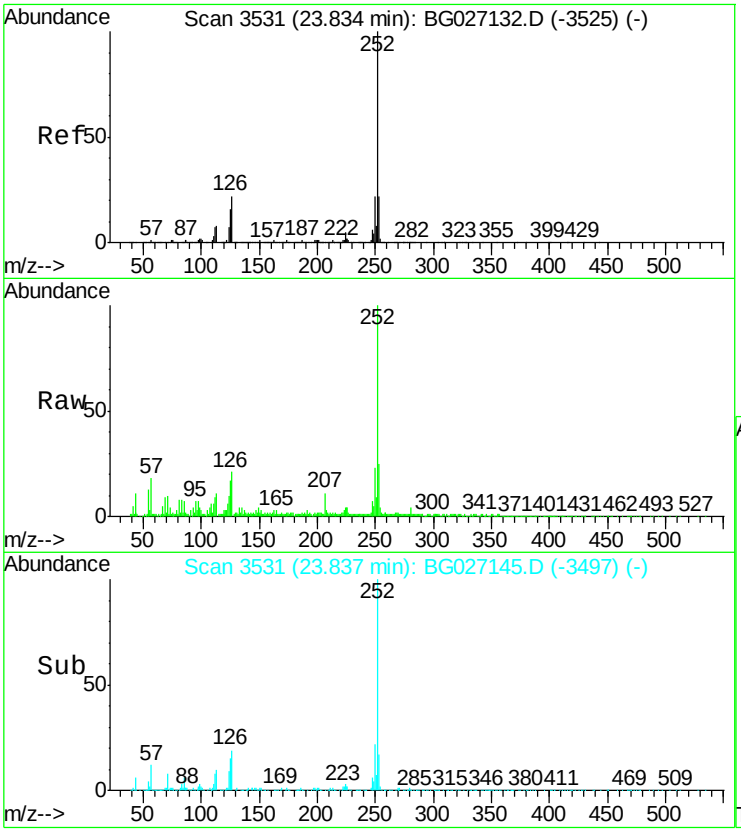


#23
Benzo(b)fluoranthene
Concen: 15.05 ng/ul
RT: 23.78 min Scan# 3521
Delta R.T. 0.01 min
Lab File: BG027145.D
Acq: 25 May 2017 2:03

Tgt Ion:252 Resp: 704213

Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.0	27.0
125	18.0	8.0	12.0#

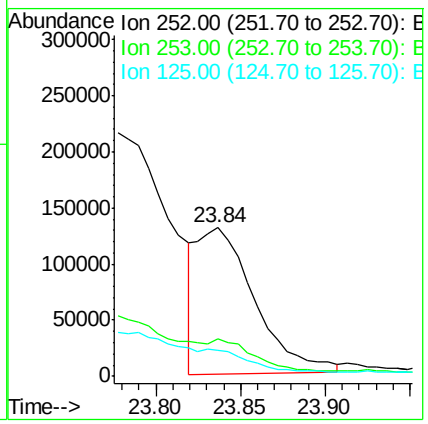




#24
Benzo(k)fluoranthene
Concen: 6.48 ng/ul m
RT: 23.84 min Scan# 3531
Delta R.T. 0.00 min
Lab File: BG027145.D
Acq: 25 May 2017 2:03

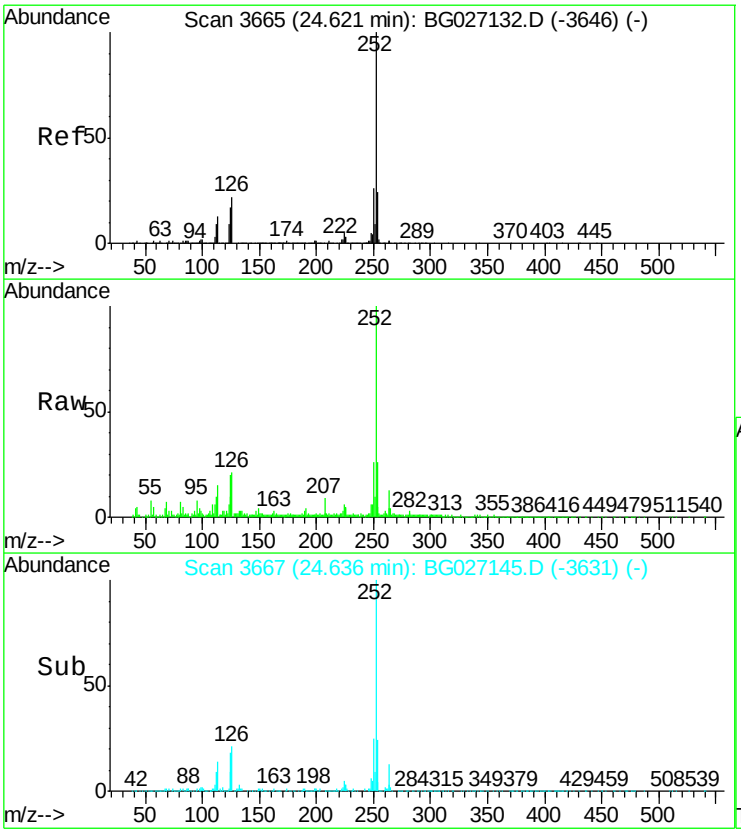
Tgt Ion:252 Resp: 311881

Ion	Ratio	Lower	Upper
252	100		
253	25.5	18.0	27.0
125	17.4	8.1	12.1#



Instrument :
BNA_G
ClientSampleId :
DACB4MS

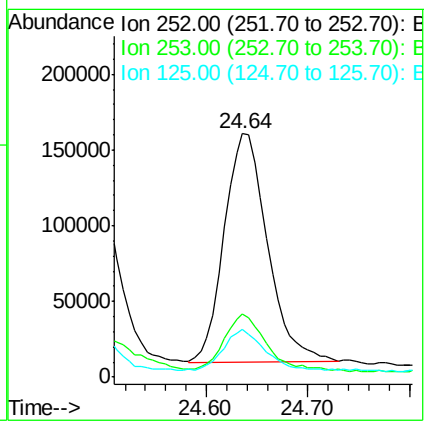
Manual Integrations APPROVED
mohammad
5/26/2017 11:55:23 AM

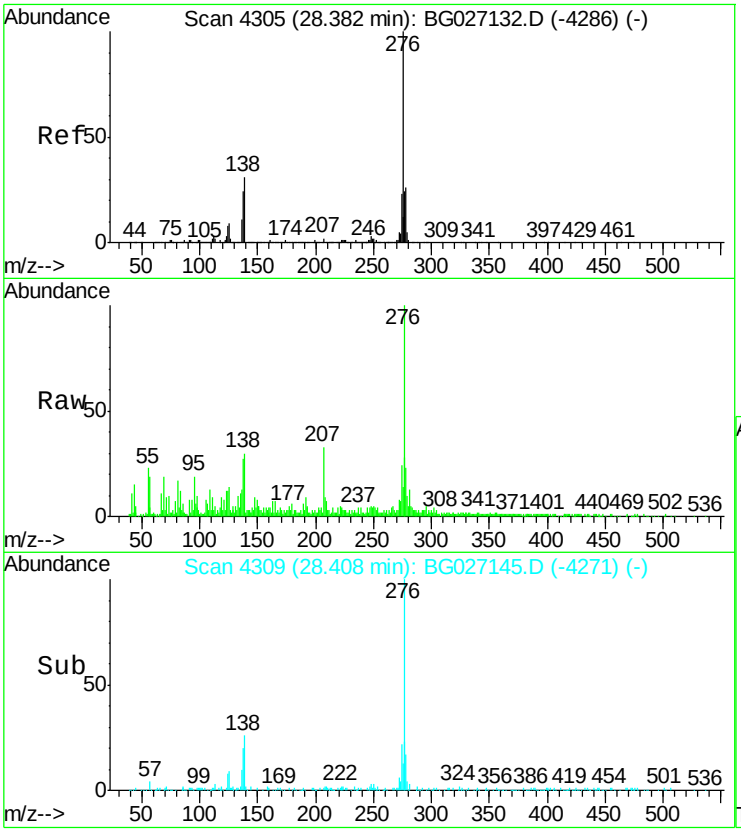


#26
Benzo(a)pyrene
Concen: 9.82 ng/ul
RT: 24.64 min Scan# 3667
Delta R.T. 0.01 min
Lab File: BG027145.D
Acq: 25 May 2017 2:03

Tgt Ion:252 Resp: 449906

Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.2	25.8#
125	19.6	8.2	12.4#

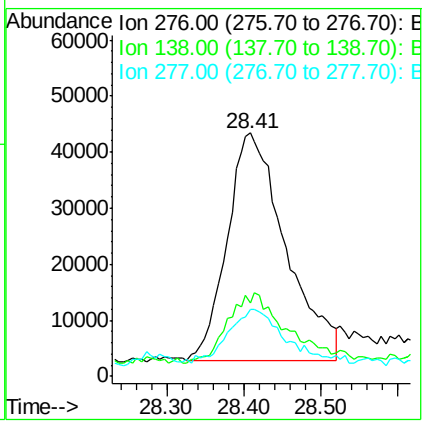




#27
Indeno(1,2,3-cd)pyrene
Concen: 5.14 ng/ul
RT: 28.41 min Scan# 4309
Delta R.T. 0.03 min
Lab File: BG027145.D
Acq: 25 May 2017 2:03

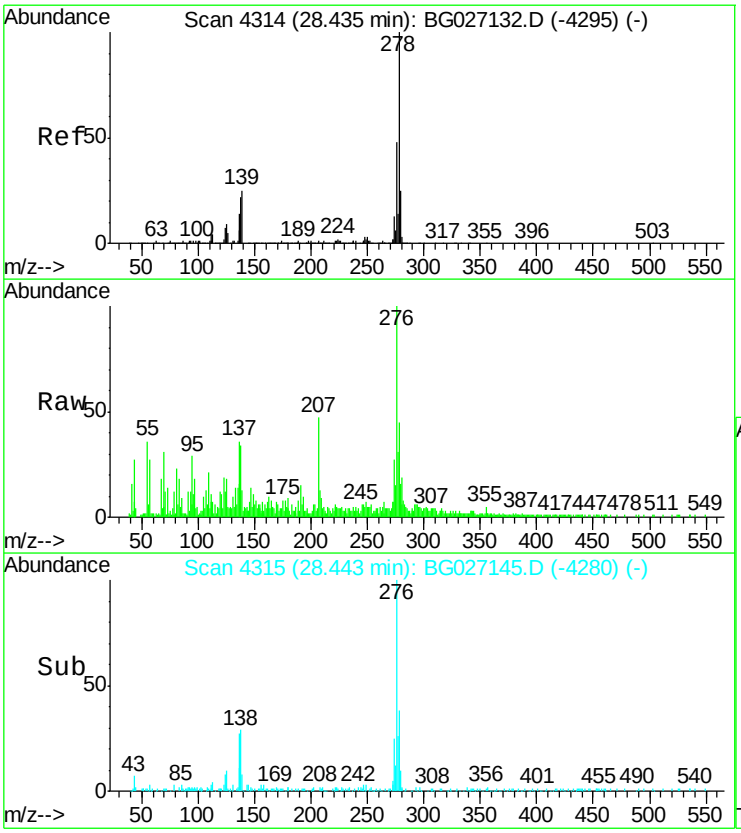
Tgt Ion:276 Resp: 216329

Ion	Ratio	Lower	Upper
276	100		
138	29.9	14.4	21.6#
277	27.6	18.0	27.0#



Instrument :
BNA_G
ClientSampleId :
DACB4MS

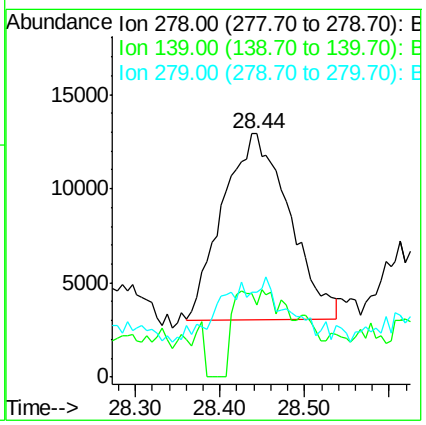
Manual Integrations APPROVED
mohammad
5/26/2017 11:55:23 AM

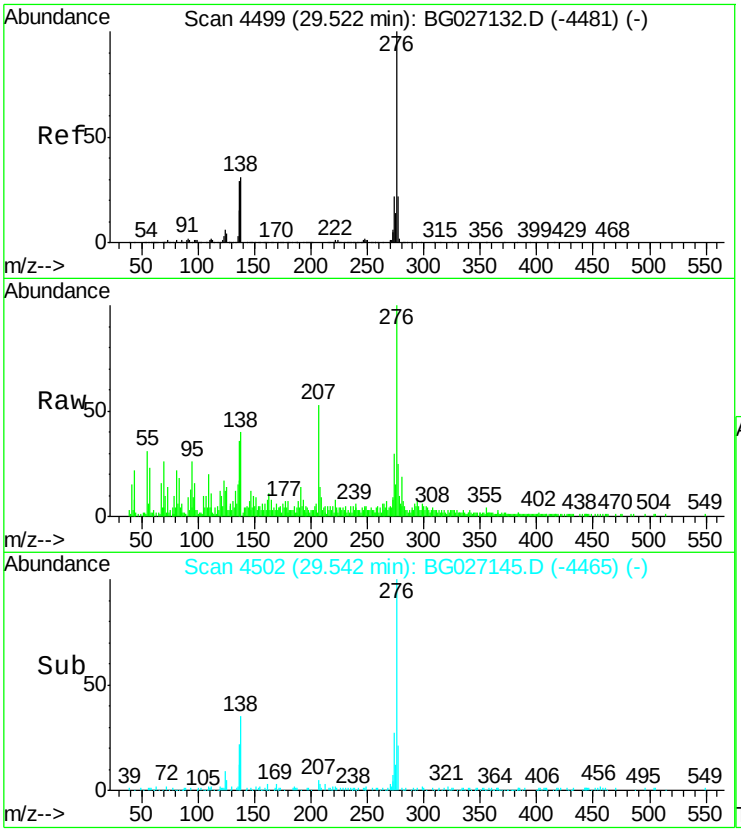


#28
Dibenzo(a,h)anthracene
Concen: 1.49 ng/ul
RT: 28.44 min Scan# 4315
Delta R.T. 0.01 min
Lab File: BG027145.D
Acq: 25 May 2017 2:03

Tgt Ion:278 Resp: 54261

Ion	Ratio	Lower	Upper
278	100		
139	29.8	12.2	18.4#
279	35.1	19.2	28.8#

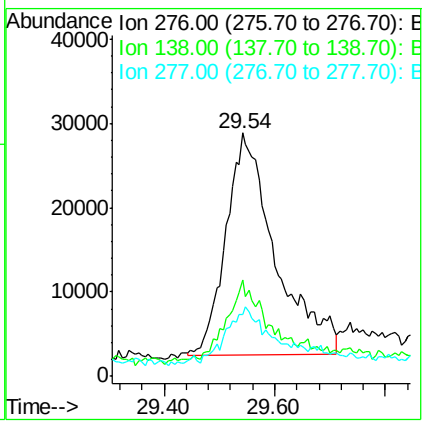




#29
Benzo(g,h,i)perylene
Concen: 4.86 ng/ul m
RT: 29.54 min Scan# 4502
Delta R.T. 0.02 min
Lab File: BG027145.D
Acq: 25 May 2017 2:03

Tgt Ion:276 Resp: 162958

Ion	Ratio	Lower	Upper
276	100		
138	39.6	15.3	22.9#
277	25.4	19.0	28.4



Instrument :
BNA_G
ClientSampleId :
DACB4MS

Manual Integrations APPROVED
mohammad
5/26/2017 11:55:23 AM