Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031717\
Data File : BG026303.D
Acq On : 18 Mar 2017 5:07
Operator : SJ/MA
Sample : I2283-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB304

Manual Integrations APPROVED
mohammad
3/20/2017 12:55:20 PM

Quant Time: Mar 18 05:48:40 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030317-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 18 00:29:44 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	169217	20.00	ng/ul	0.00
2) Naphthalene-d8	10.85	136	803748	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	438432	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	865465	20.00	ng/ul	0.00
18) Chrysene-d12	21.64	240	851807	20.00	ng/ul	0.00
23) Perylene-d12	24.83	264	802437	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.48	165	14021	1.18	ng/uL	0.00
7) Acenaphthylene-d8	14.35	160	541048	14.47	ng/ul	0.00
10) Fluorene-d10	15.64	176	399764	14.66	ng/ul	0.00
15) Anthracene-d10	17.49	188	533994	13.88	ng/ul	0.00
19) Pyrene-d10	19.76	212	546205	12.57	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.61	264	468549	13.54	ng/ul	0.00
Target Compounds						Qvalue
4) Naphthalene	10.90	128	89432	2.27	ng/ul	99
5) 2-Methylnaphthalene	12.50	142	50702	1.74	ng/ul	96
9) Acenaphthene	14.72	153	117220	4.34	ng/ul	98
11) Fluorene	15.70	166	134445	4.41	ng/ul	97
14) Phenanthrene	17.44	178	1705803	37.19	ng/ul	97
16) Anthracene	17.52	178	340861	7.36	ng/ul	98
17) Fluoranthene	19.43	202	1871562	39.31	ng/ul	96
20) Pyrene	19.80	202	1663980	30.68	ng/ul	98
21) Benzo(a)anthracene	21.62	228	885118	18.67	ng/ul	98
22) Chrysene	21.68	228	868243	19.63	ng/ul	99
24) Benzo(b)fluoranthene	23.82	252	967620	21.24	ng/ul	98
25) Benzo(k)fluoranthene	23.88	252	379809m	8.73	ng/ul	
27) Benzo(a)pyrene	24.67	252	629011	14.86	ng/ul	96
28) Indeno(1,2,3-cd)pyrene	28.45	276	331003	7.08	ng/ul	95
29) Dibenzo(a,h)anthracene	28.51	278	97906m	2.64	ng/ul	
30) Benzo(g,h,i)perylene	29.59	276	224947	5.62	ng/ul	100

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

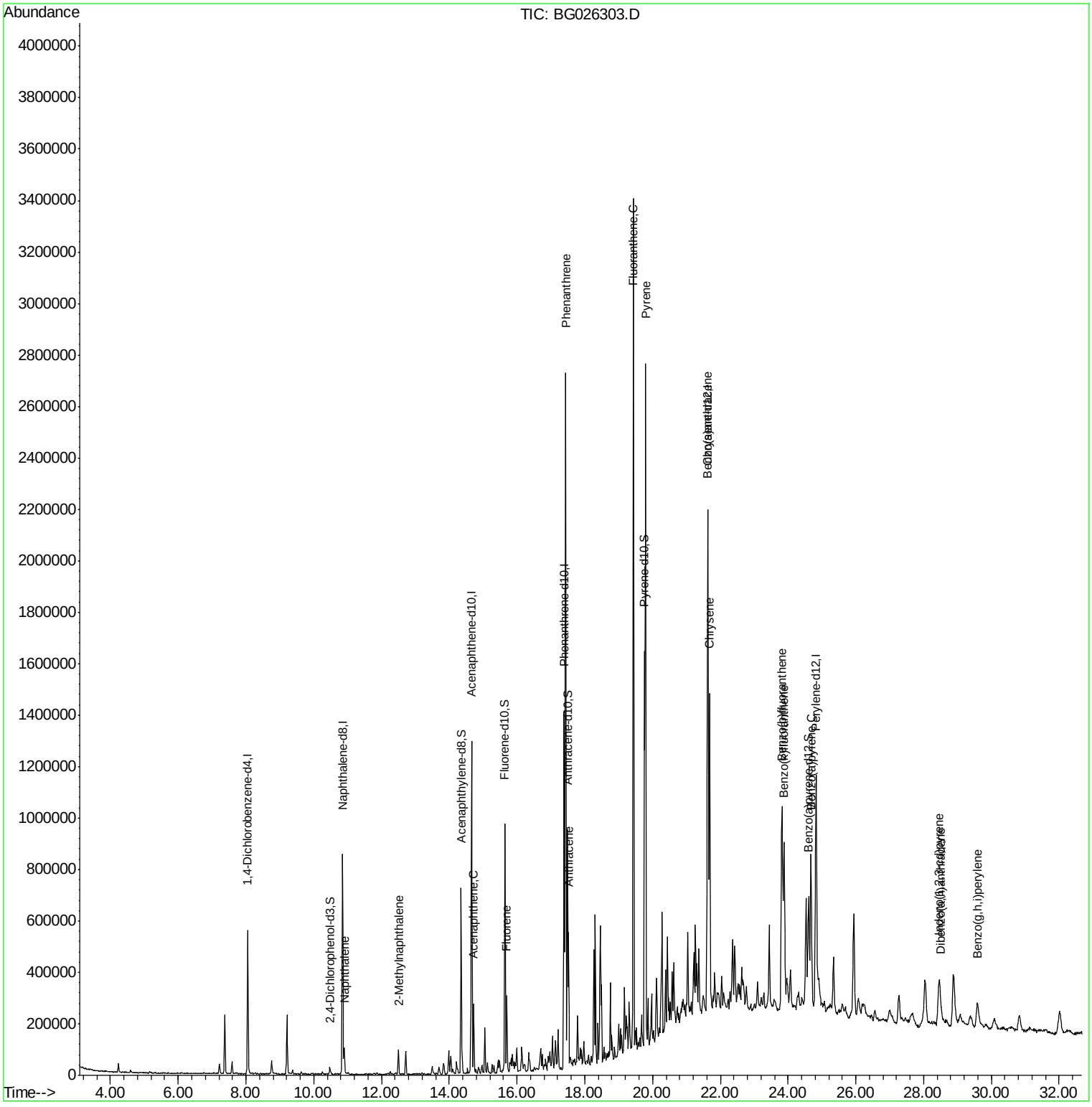
Quantitation Report (QT Reviewed)

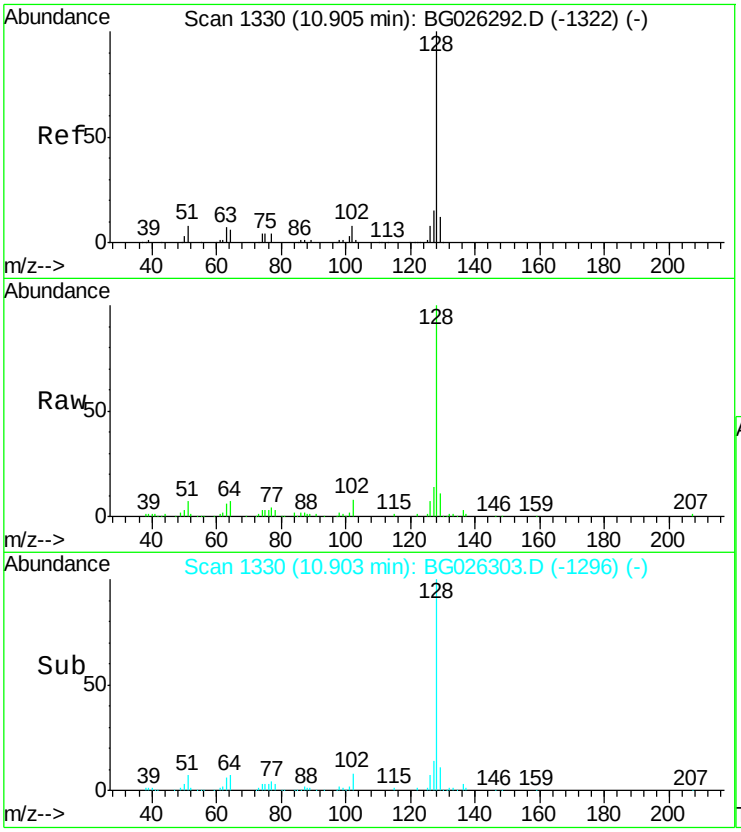
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031717\
Data File : BG026303.D
Acq On : 18 Mar 2017 5:07
Operator : SJ/MA
Sample : I2283-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Mar 18 05:48:40 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030317-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 18 00:29:44 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
CB304

Manual Integrations APPROVED
mohammad
3/20/2017 12:55:20 PM

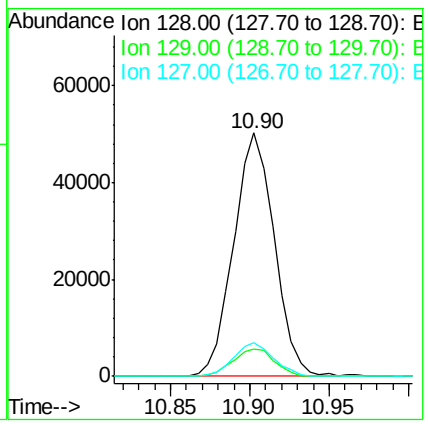




#4
Naphthalene
Concen: 2.27 ng/ul
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG026303.D
Acq: 18 Mar 2017 5:07

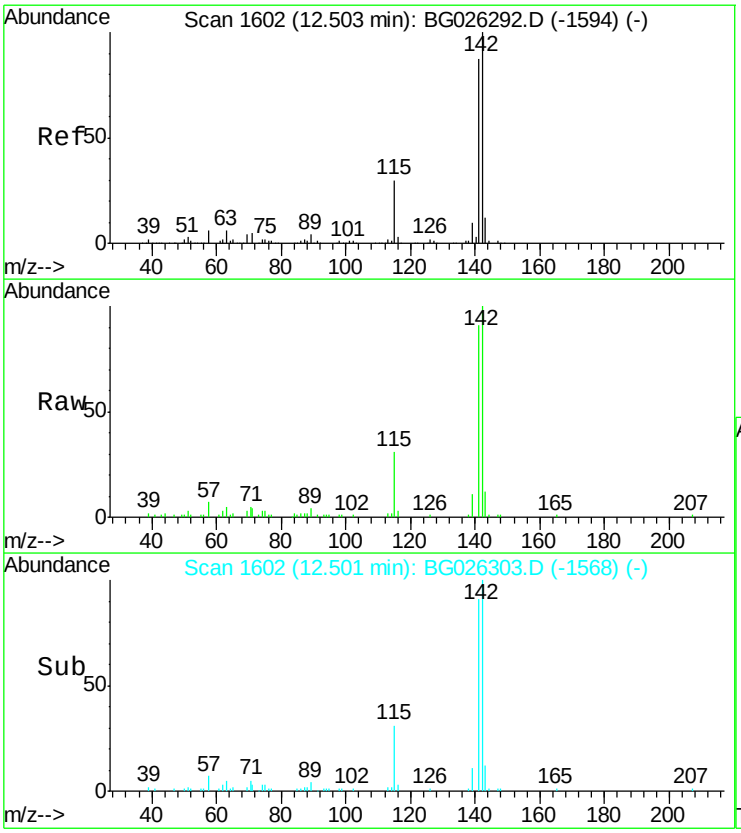
Tgt Ion:128 Resp: 89432

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.1	13.7
127	13.8	10.6	15.8



Instrument :
BNA_G
ClientSampleId :
CB304

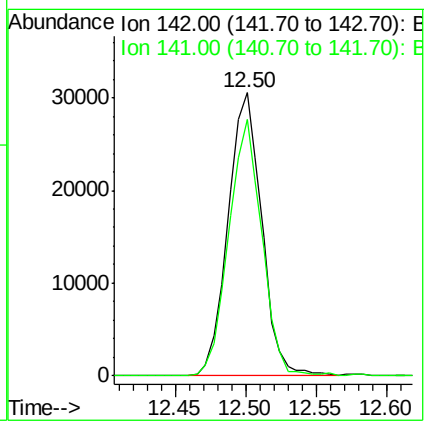
Manual Integrations APPROVED
mohammad
3/20/2017 12:55:20 PM

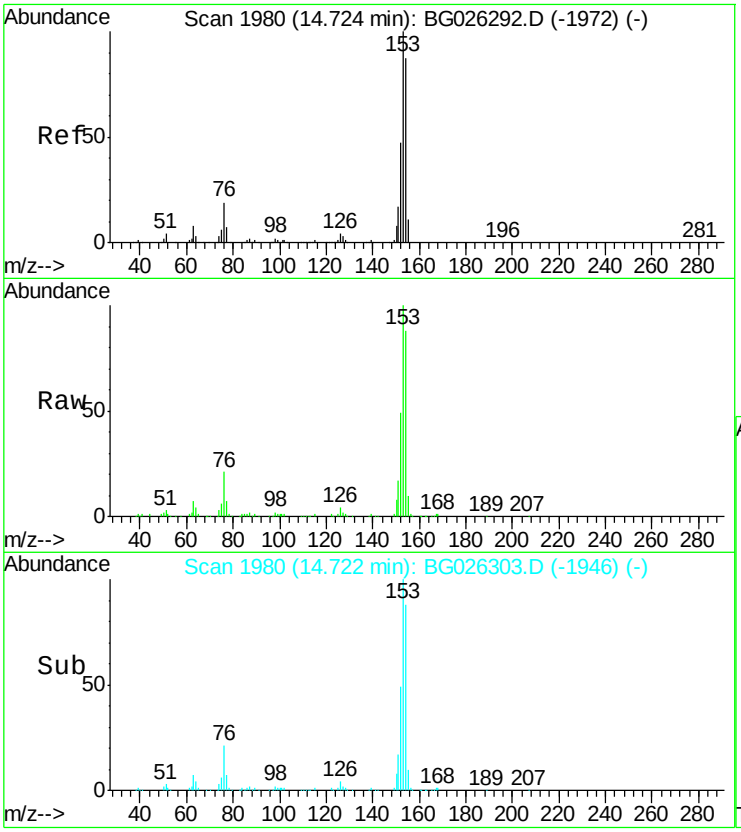


#5
2-Methylnaphthalene
Concen: 1.74 ng/ul
RT: 12.50 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BG026303.D
Acq: 18 Mar 2017 5:07

Tgt Ion:142 Resp: 50702

Ion	Ratio	Lower	Upper
142	100		
141	90.6	69.8	104.8

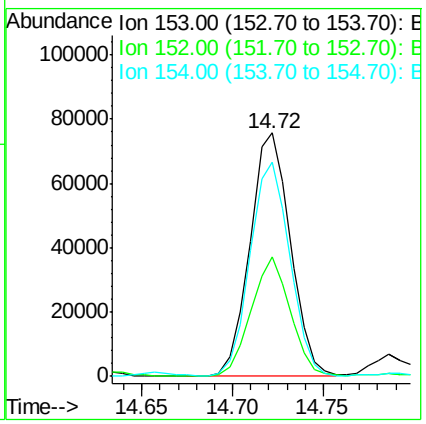




#9
Acenaphthene
Concen: 4.34 ng/ul
RT: 14.72 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BG026303.D
Acq: 18 Mar 2017 5:07

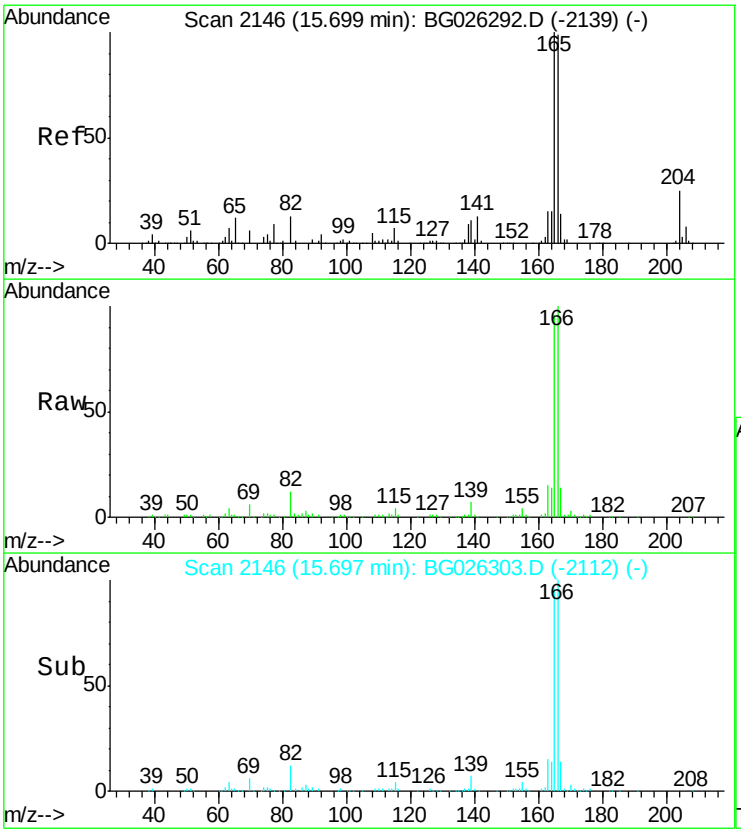
Tgt Ion:153 Resp: 117220

Ion	Ratio	Lower	Upper
153	100		
152	49.1	37.9	56.9
154	88.1	71.6	107.4



Instrument :
BNA_G
ClientSampleId :
CB304

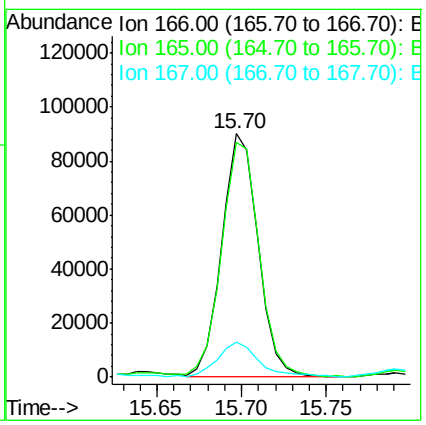
Manual Integrations APPROVED
mohammad
3/20/2017 12:55:20 PM

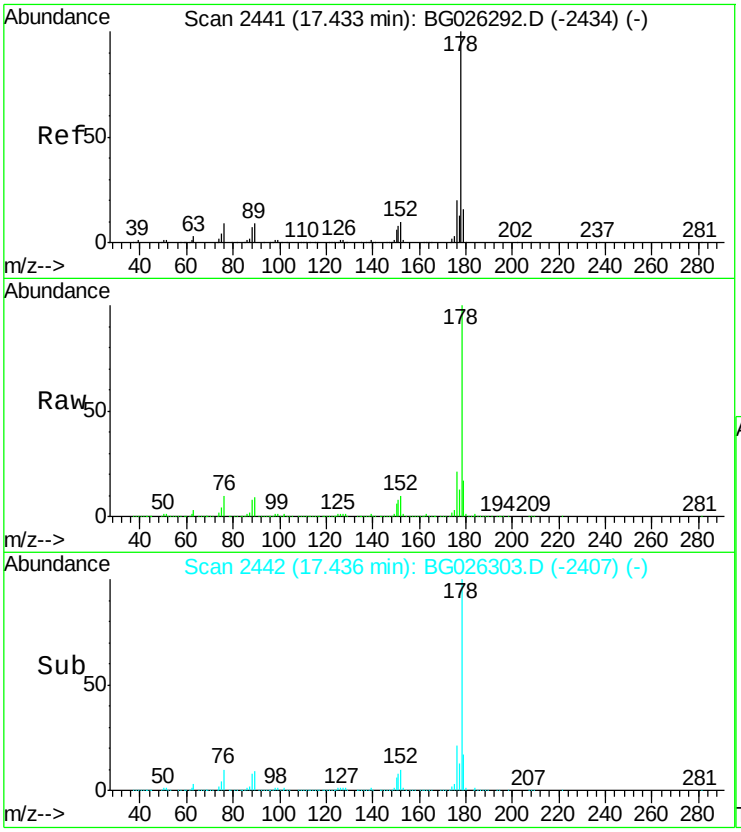


#11
Fluorene
Concen: 4.41 ng/ul
RT: 15.70 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG026303.D
Acq: 18 Mar 2017 5:07

Tgt Ion:166 Resp: 134445

Ion	Ratio	Lower	Upper
166	100		
165	96.2	80.0	120.0
167	14.3	11.6	17.4

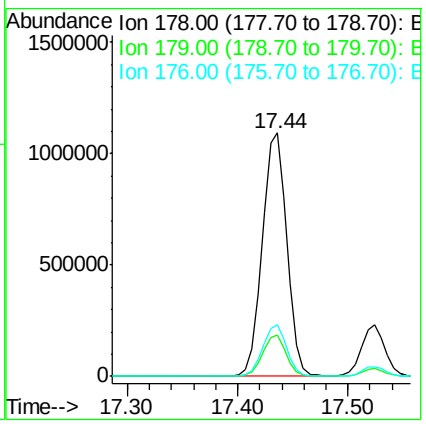




#14
Phenanthrene
Concen: 37.19 ng/ul
RT: 17.44 min Scan# 2442
Delta R.T. 0.00 min
Lab File: BG026303.D
Acq: 18 Mar 2017 5:07

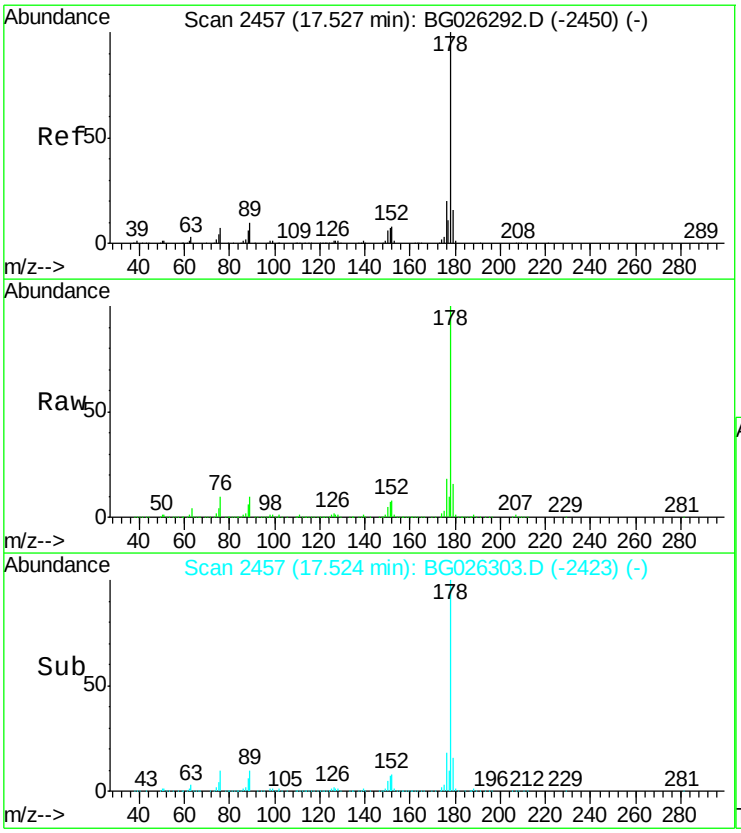
Tgt Ion:178 Resp: 1705803

Ion	Ratio	Lower	Upper
178	100		
179	17.2	12.2	18.4
176	21.4	16.4	24.6



Instrument :
BNA_G
ClientSampleId :
CB304

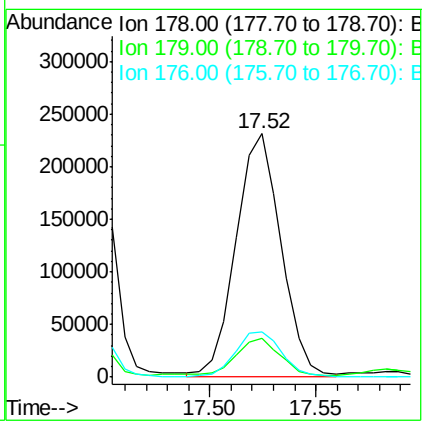
Manual Integrations APPROVED
mohammad
3/20/2017 12:55:20 PM

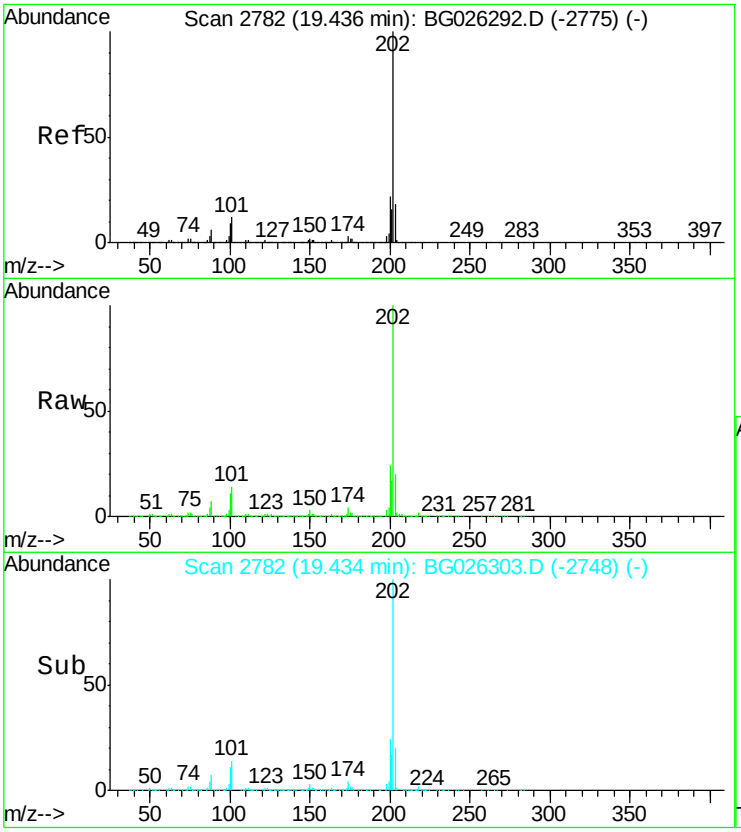


#16
Anthracene
Concen: 7.36 ng/ul
RT: 17.52 min Scan# 2457
Delta R.T. -0.00 min
Lab File: BG026303.D
Acq: 18 Mar 2017 5:07

Tgt Ion:178 Resp: 340861

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.7	19.1
176	18.5	15.8	23.8

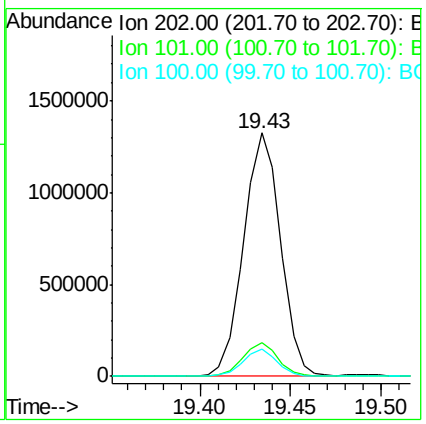




#17
Fluoranthene
Concen: 39.31 ng/ul
RT: 19.43 min Scan# 2782
Delta R.T. -0.00 min
Lab File: BG026303.D
Acq: 18 Mar 2017 5:07

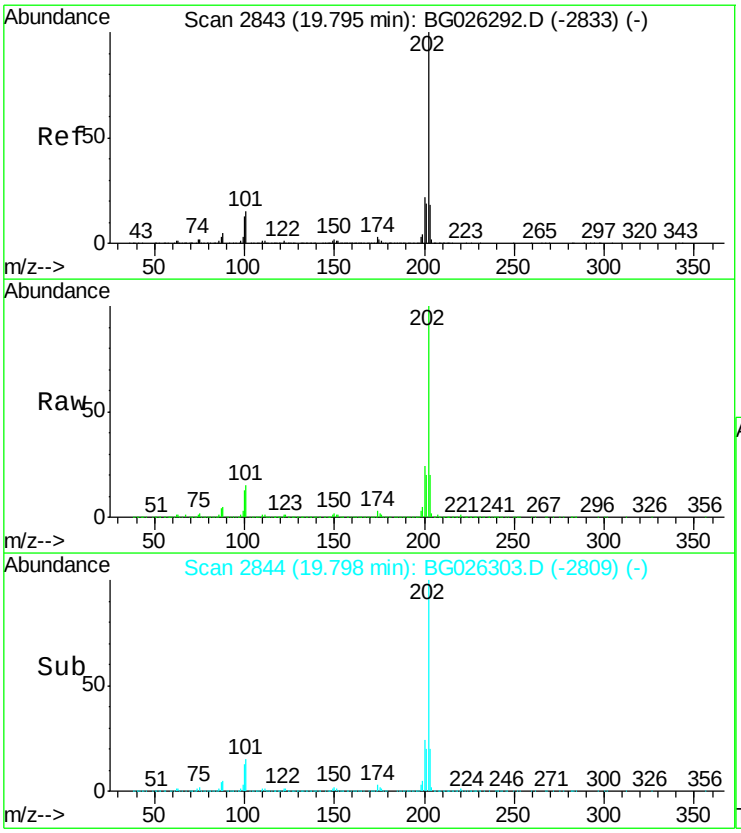
Tgt Ion:202 Resp: 1871562

Ion	Ratio	Lower	Upper
202	100		
101	13.9	9.8	14.8
100	11.0	7.5	11.3



Instrument :
BNA_G
ClientSampleId :
CB304

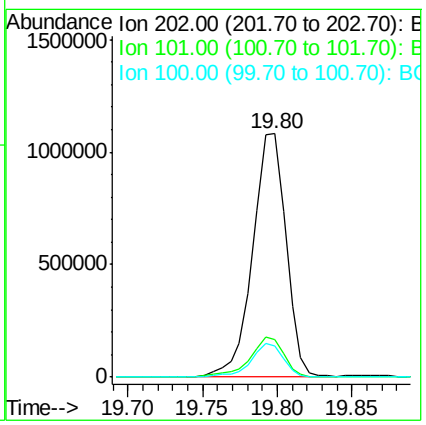
Manual Integrations APPROVED
mohammad
3/20/2017 12:55:20 PM

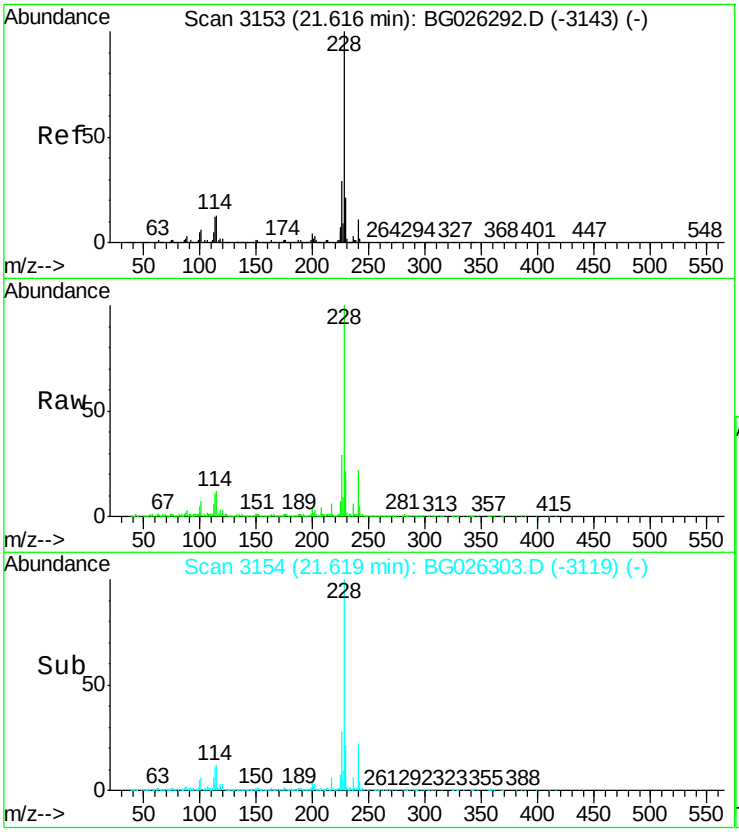


#20
Pyrene
Concen: 30.68 ng/ul
RT: 19.80 min Scan# 2844
Delta R.T. 0.00 min
Lab File: BG026303.D
Acq: 18 Mar 2017 5:07

Tgt Ion:202 Resp: 1663980

Ion	Ratio	Lower	Upper
202	100		
101	15.2	11.2	16.8
100	13.0	9.8	14.6

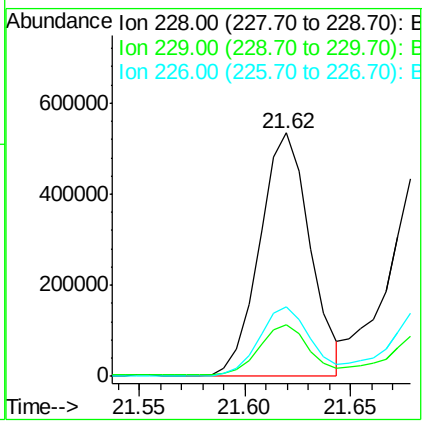




#21
Benzo(a)anthracene
Concen: 18.67 ng/ul
RT: 21.62 min Scan# 3154
Delta R.T. 0.00 min
Lab File: BG026303.D
Acq: 18 Mar 2017 5:07

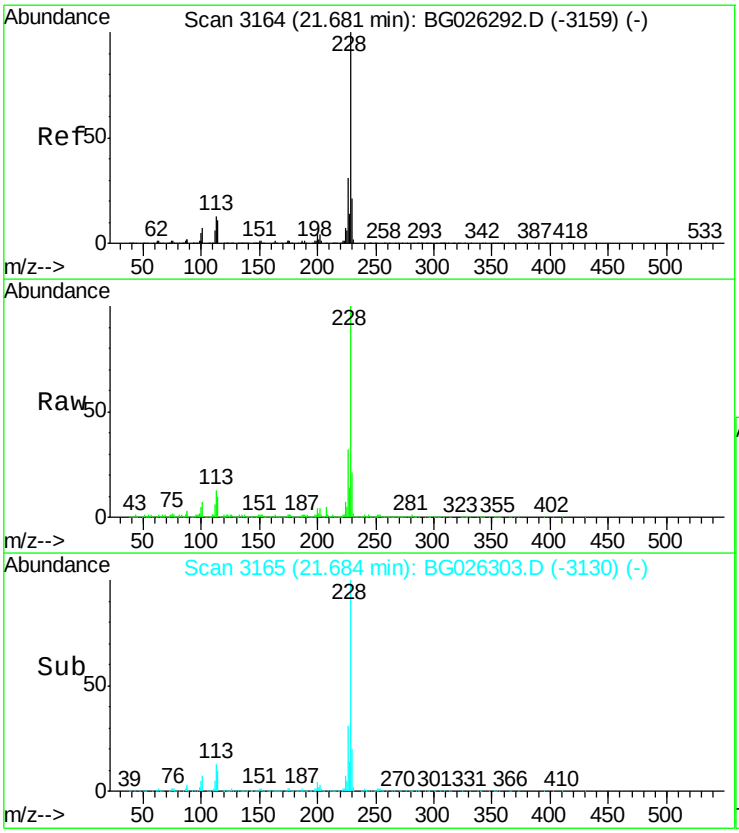
Tgt Ion:228 Resp: 885118

Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.9	23.9
226	28.6	22.1	33.1



Instrument :
BNA_G
ClientSampleId :
CB304

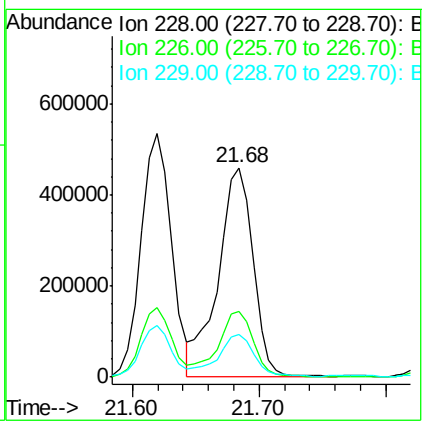
Manual Integrations APPROVED
mohammad
3/20/2017 12:55:20 PM

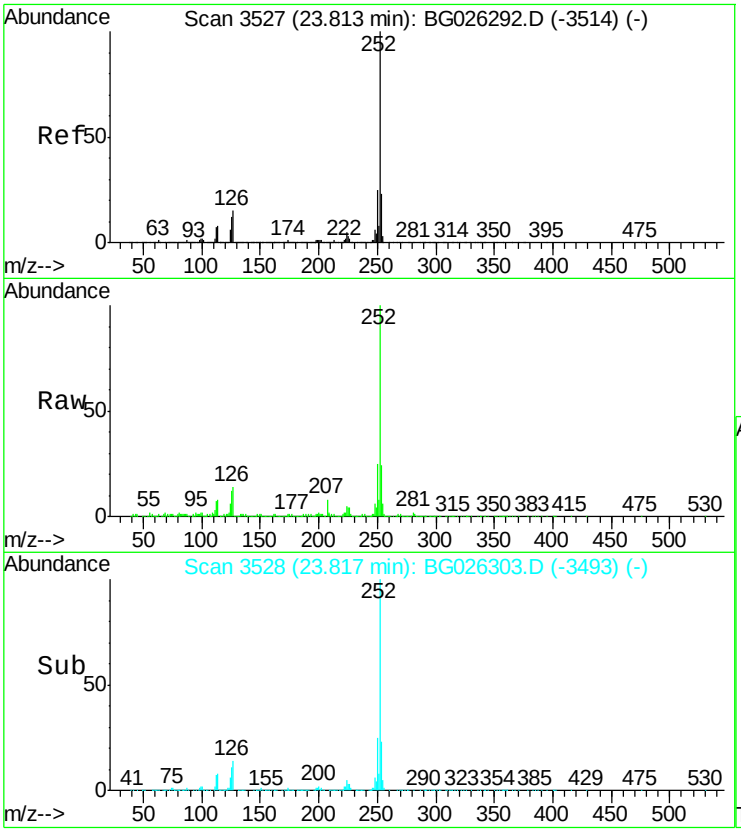


#22
Chrysene
Concen: 19.63 ng/ul
RT: 21.68 min Scan# 3165
Delta R.T. 0.00 min
Lab File: BG026303.D
Acq: 18 Mar 2017 5:07

Tgt Ion:228 Resp: 868243

Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.0	37.6
229	20.6	16.6	25.0

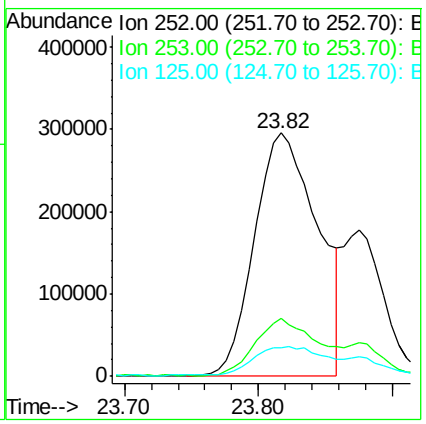




#24
Benzo(b)fluoranthene
Concen: 21.24 ng/ul
RT: 23.82 min Scan# 3528
Delta R.T. 0.00 min
Lab File: BG026303.D
Acq: 18 Mar 2017 5:07

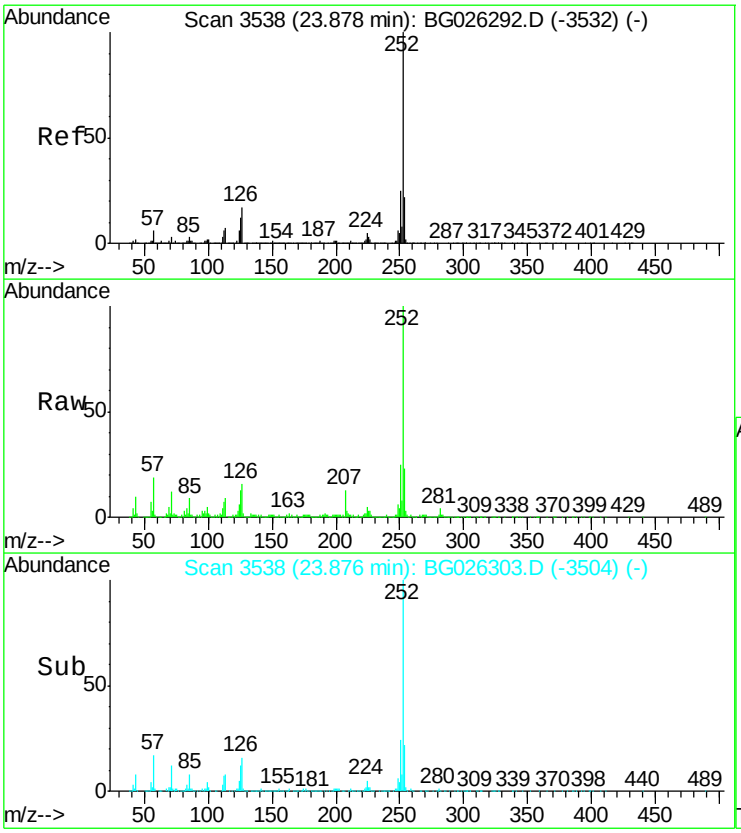
Tgt Ion:252 Resp: 967620

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.8	26.6
125	11.9	9.4	14.0



Instrument :
BNA_G
ClientSampleId :
CB304

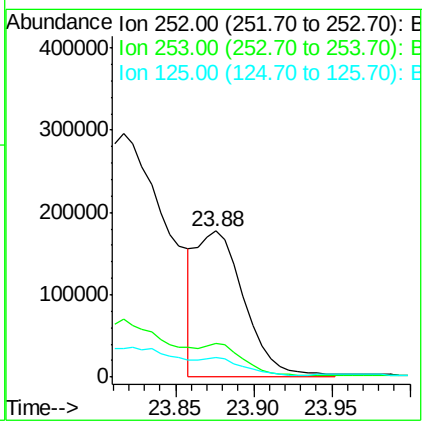
Manual Integrations APPROVED
mohammad
3/20/2017 12:55:20 PM

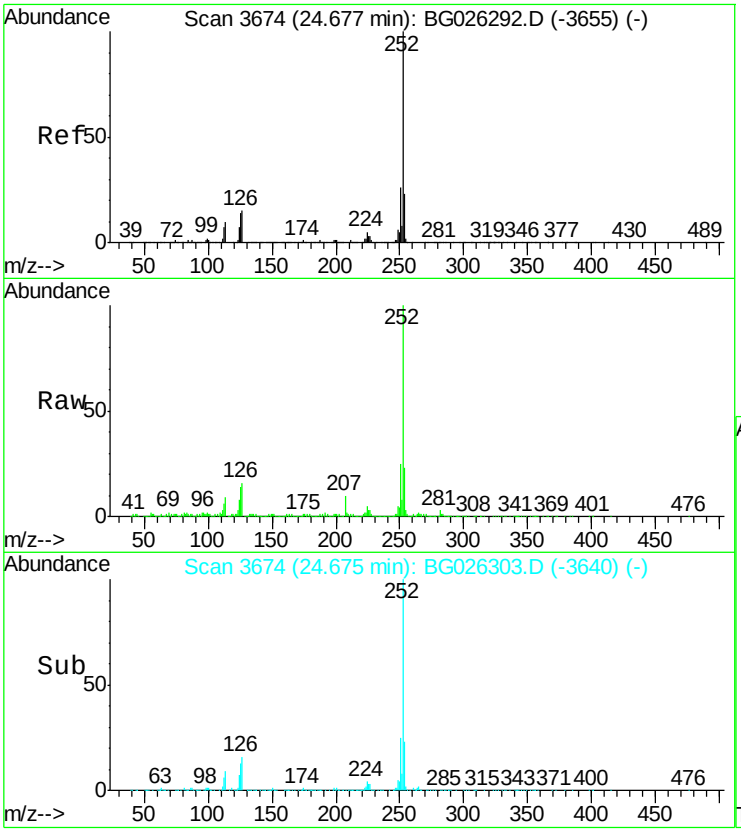


#25
Benzo(k)fluoranthene
Concen: 8.73 ng/ul m
RT: 23.88 min Scan# 3538
Delta R.T. -0.00 min
Lab File: BG026303.D
Acq: 18 Mar 2017 5:07

Tgt Ion:252 Resp: 379809

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	13.0	8.8	13.2

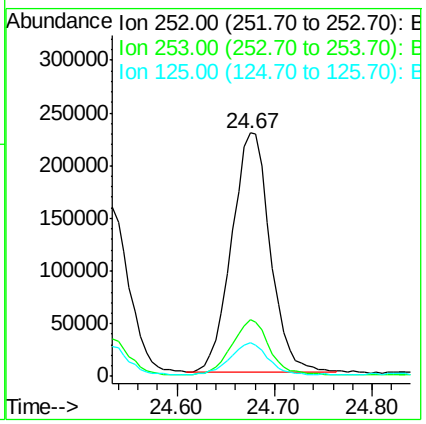




#27
Benzo(a)pyrene
Concen: 14.86 ng/ul
RT: 24.67 min Scan# 3674
Delta R.T. -0.00 min
Lab File: BG026303.D
Acq: 18 Mar 2017 5:07

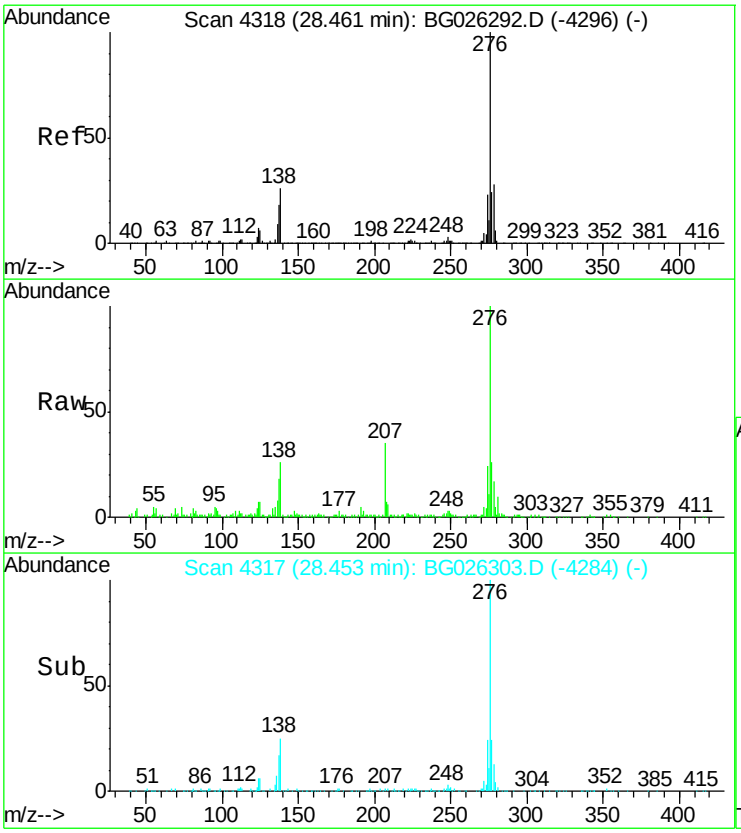
Tgt Ion:252 Resp: 629011

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	13.6	9.4	14.2



Instrument :
BNA_G
ClientSampleId :
CB304

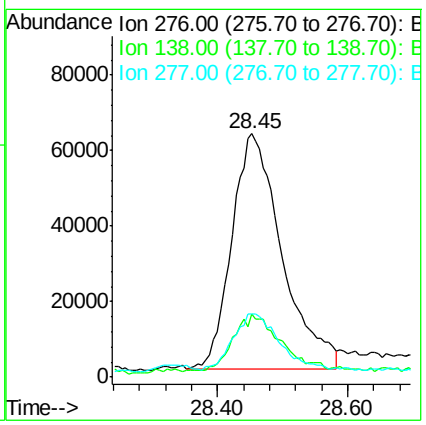
Manual Integrations APPROVED
mohammad
3/20/2017 12:55:20 PM

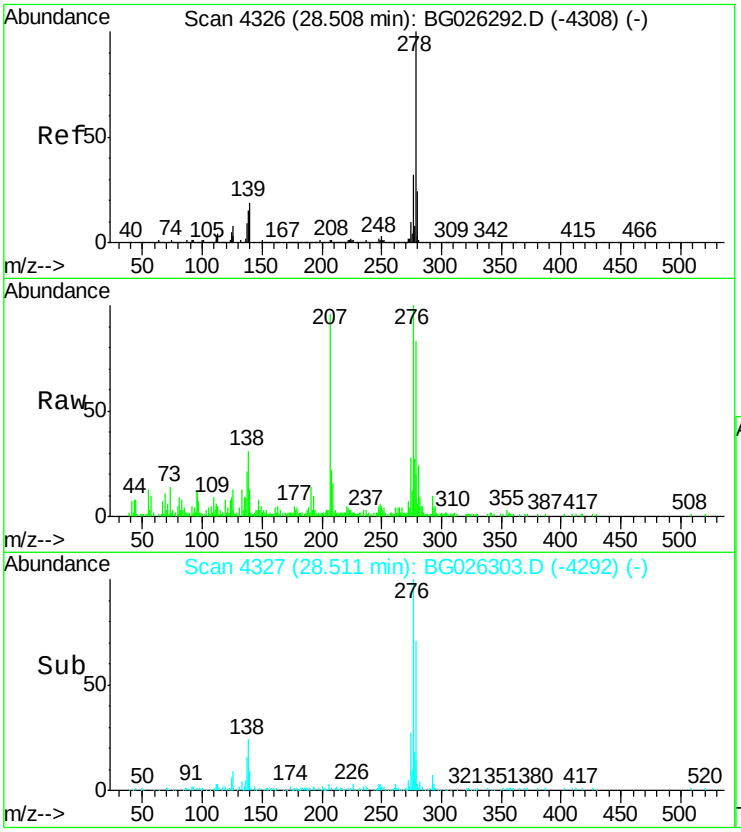


#28
Indeno(1,2,3-cd)pyrene
Concen: 7.08 ng/ul
RT: 28.45 min Scan# 4317
Delta R.T. -0.01 min
Lab File: BG026303.D
Acq: 18 Mar 2017 5:07

Tgt Ion:276 Resp: 331003

Ion	Ratio	Lower	Upper
276	100		
138	25.7	17.8	26.6
277	25.9	19.4	29.0





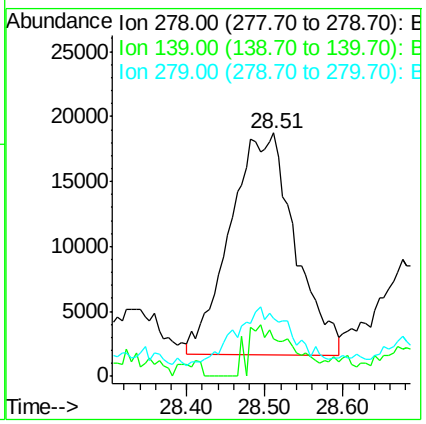
#29
Dibenzo(a,h)anthracene
Concen: 2.64 ng/ul m
RT: 28.51 min Scan# 4327
Delta R.T. 0.00 min
Lab File: BG026303.D
Acq: 18 Mar 2017 5:07

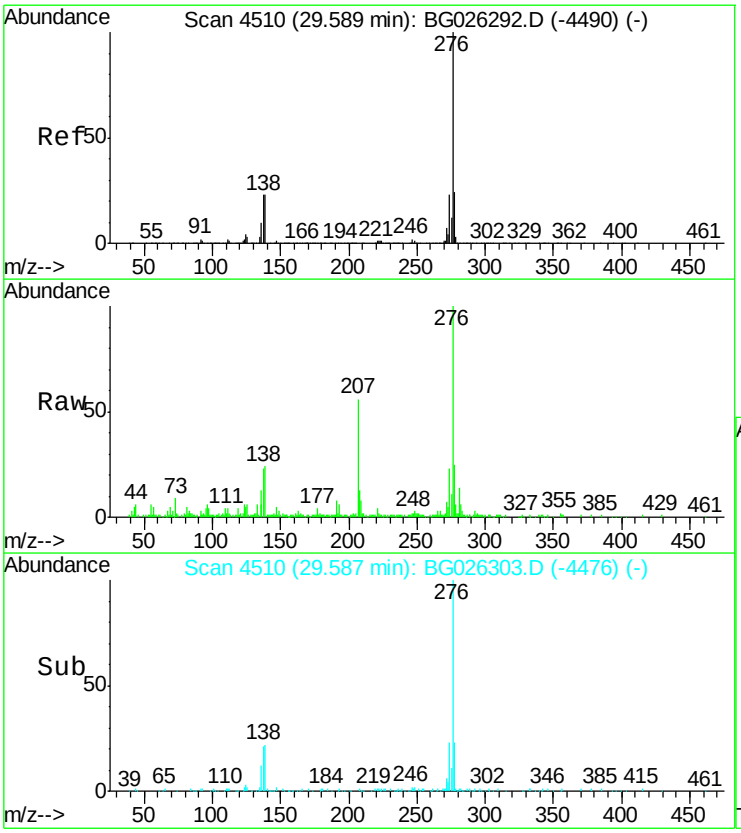
Tgt Ion:278 Resp: 97906

Ion	Ratio	Lower	Upper
278	100		
139	15.4	14.0	21.0
279	23.9	20.6	31.0

Instrument :
BNA_G
ClientSampleId :
CB304

Manual Integrations APPROVED
mohammad
3/20/2017 12:55:20 PM





#30
Benzo(g,h,i)perylene
Concen: 5.62 ng/ul
RT: 29.59 min Scan# 4510
Delta R.T. -0.00 min
Lab File: BG026303.D
Acq: 18 Mar 2017 5:07

Tgt Ion:276 Resp: 224947

Ion	Ratio	Lower	Upper
276	100		
138	23.7	19.0	28.4
277	24.6	19.7	29.5