Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
Data File : BG021915.D
Acq On : 16 May 2016 20:45
Operator : UM/SJ
Sample : H3095-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XE3

Manual Integrations APPROVED
umangi
5/17/2016 7:20:22 PM

Quant Time: May 17 03:41:32 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 17 01:35:08 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	68038	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	325292	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.79	164	190330	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	380959	20.00	ng/ul	0.00
76) Chrysene-d12	21.82	240	366993	20.00	ng/ul	0.00
84) Perylene-d12	25.17	264	369865	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	5230	3.71	ng/uL	0.00
5) Phenol-d5	7.32	99	111331	22.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	53808	21.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	105976	27.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	77804	18.35	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	54196	25.34	ng/ul	0.00
22) 2-Nitrophenol-d4	10.07	143	59247	43.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	106767m	27.95	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	77823	18.91	ng/ul	0.00
44) Dimethylphthalate-d6	14.19	166	333417	24.94	ng/ul	0.00
47) Acenaphthylene-d8	14.49	160	463260	24.41	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	34634	15.11	ng/ul	0.02
58) Fluorene-d10	15.78	176	311037	22.10	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	31369	29.73	ng/ul	0.00
71) Anthracene-d10	17.63	188	432365	23.32	ng/ul	0.00
77) Pyrene-d10	19.91	212	446998	26.02	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.94	264	422174	24.02	ng/ul	0.03
Target Compounds						Qvalue
45) Dimethylphthalate	14.24	163	123013	9.03	ng/ul#	98
70) Phenanthrene	17.58	178	85845	4.12	ng/ul	96
75) Fluoranthene	19.58	202	175399	7.41	ng/ul#	94
78) Pyrene	19.94	202	156348m	7.36	ng/ul	
79) Butylbenzylphthalate	20.81	149	10908m	2.32	ng/ul	
81) Benzo(a)anthracene	21.81	228	95014	4.65	ng/ul	94
82) Bis(2-ethylhexyl)phthalate	21.69	149	74354	9.70	ng/ul	97
83) Chrysene	21.87	228	112344	5.56	ng/ul	96
86) Benzo(b)fluoranthene	24.10	252	185500	8.76	ng/ul#	92
87) Benzo(k)fluoranthene	24.16	252	48866m	2.16	ng/ul	
89) Benzo(a)pyrene	25.01	252	107663	5.11	ng/ul#	95
90) Indeno(1,2,3-cd)pyrene	29.00	276	73066m	2.93	ng/ul	
92) Benzo(g,h,i)perylene	30.19	276	66825m	3.24	ng/ul	

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

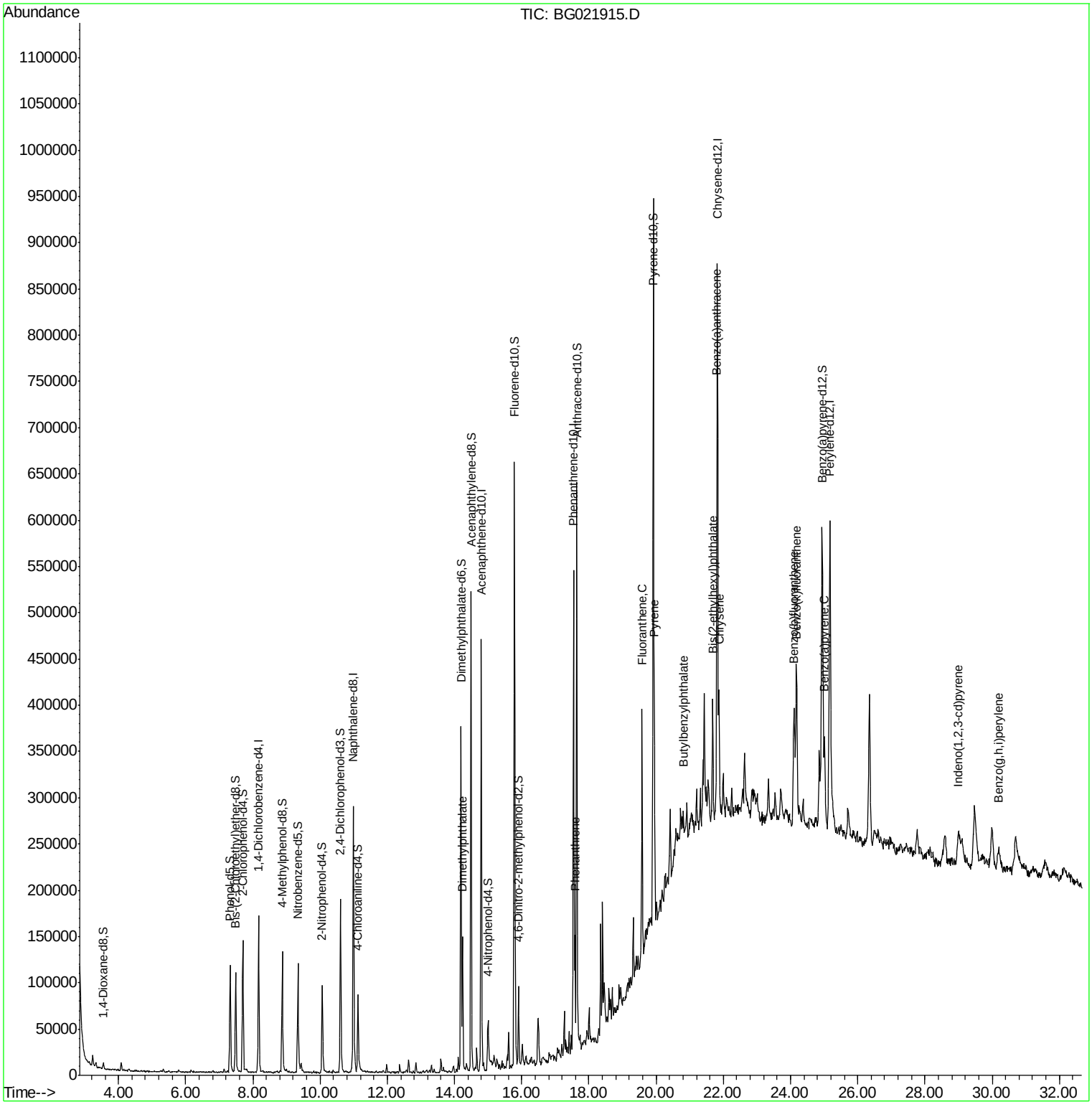
Quantitation Report (LSC Reviewed)

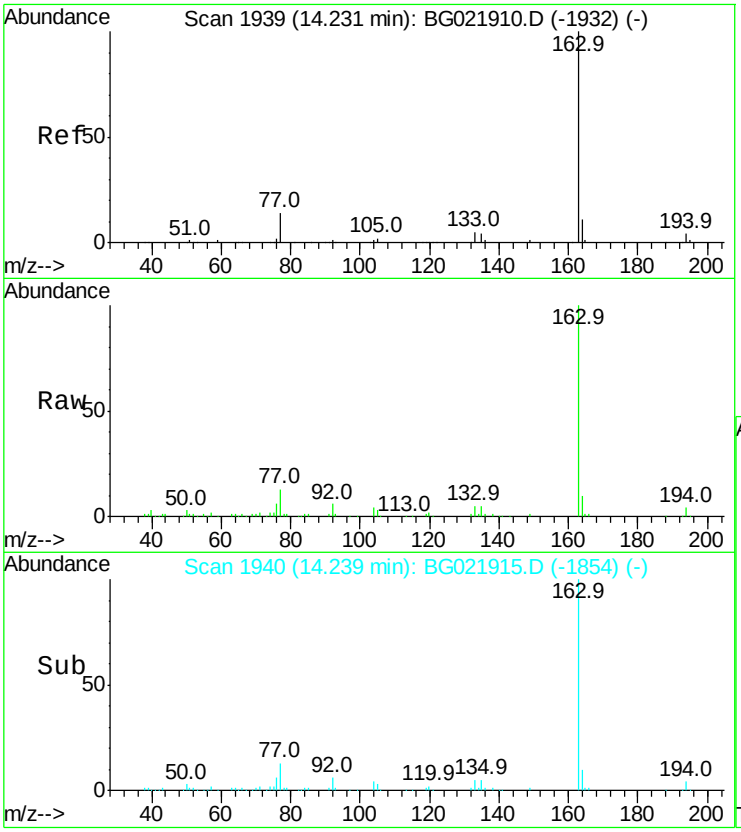
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
Data File : BG021915.D
Acq On : 16 May 2016 20:45
Operator : UM/SJ
Sample : H3095-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 17 03:41:32 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 17 01:35:08 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
D9XE3

Manual Integrations APPROVED
umangi
5/17/2016 7:20:22 PM

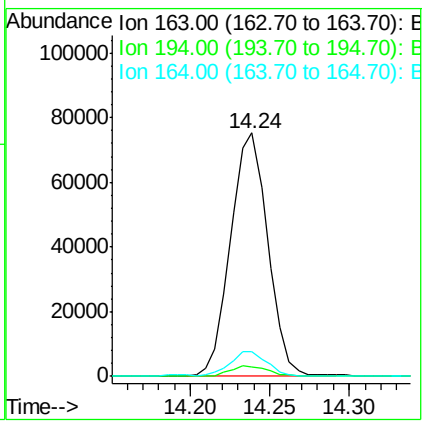




#45
Dimethylphthalate
Concen: 9.03 ng/ul
RT: 14.24 min Scan# 1940
Delta R.T. 0.01 min
Lab File: BG021915.D
Acq: 16 May 2016 20:45

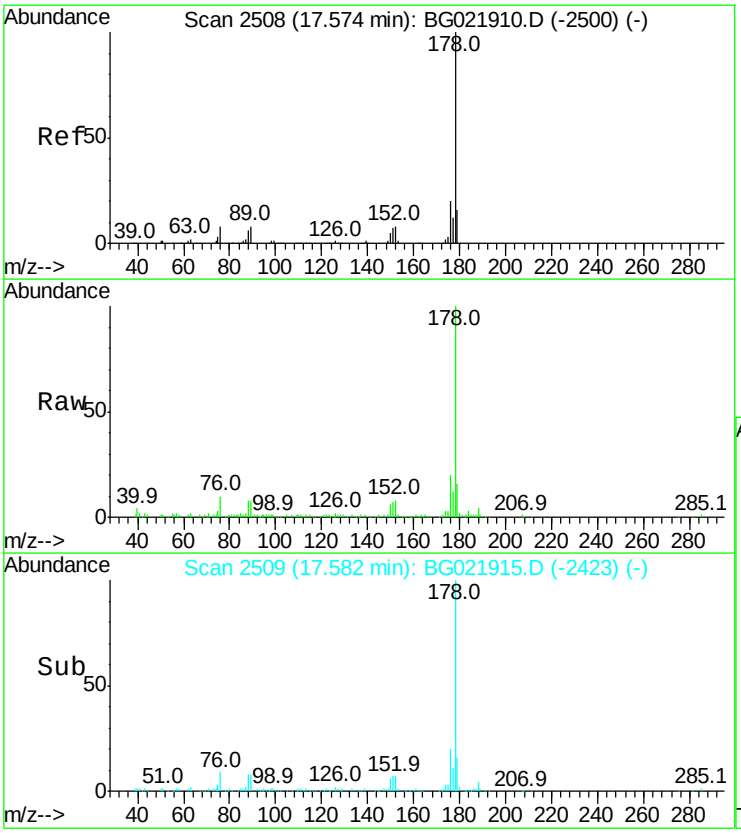
Tgt Ion:163 Resp: 123013

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.9	5.9#
164	10.4	8.7	13.1



Instrument :
BNA_G
ClientSampleId :
D9XE3

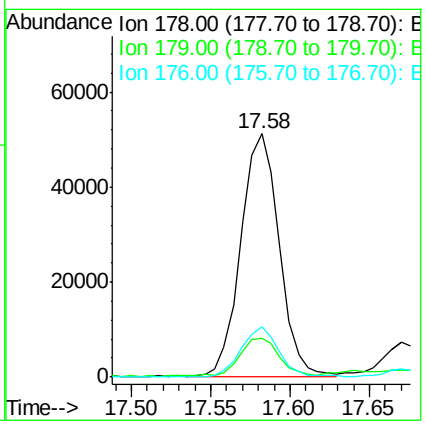
Manual Integrations APPROVED
umangi
5/17/2016 7:20:22 PM

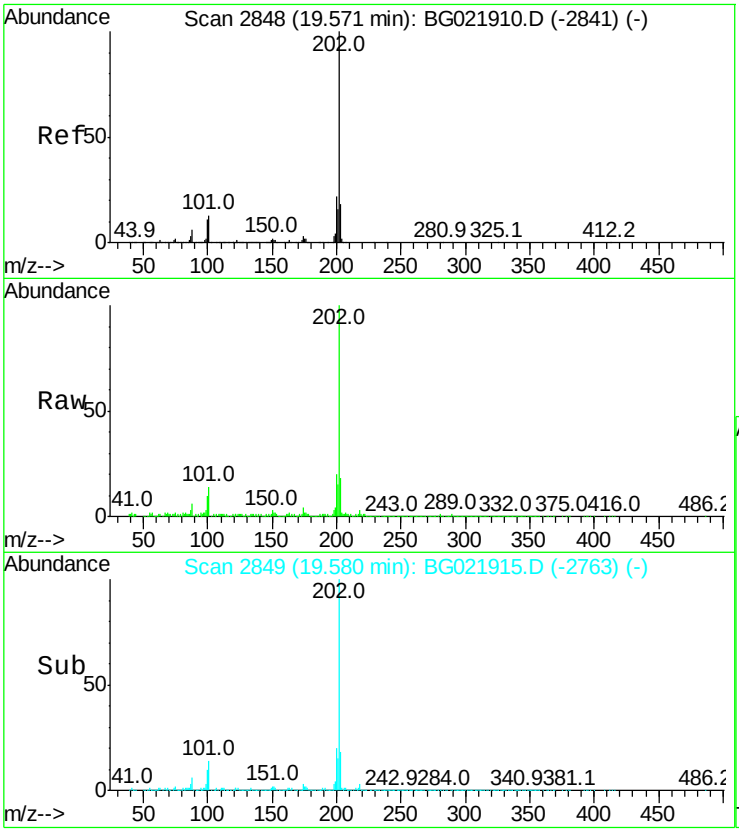


#70
Phenanthrene
Concen: 4.12 ng/ul
RT: 17.58 min Scan# 2509
Delta R.T. 0.01 min
Lab File: BG021915.D
Acq: 16 May 2016 20:45

Tgt Ion:178 Resp: 85845

Ion	Ratio	Lower	Upper
178	100		
179	16.2	11.8	17.8
176	20.5	14.8	22.2

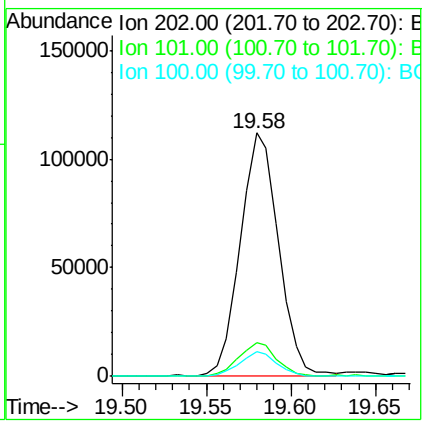




#75
Fluoranthene
Concen: 7.41 ng/ul
RT: 19.58 min Scan# 2849
Delta R.T. 0.01 min
Lab File: BG021915.D
Acq: 16 May 2016 20:45

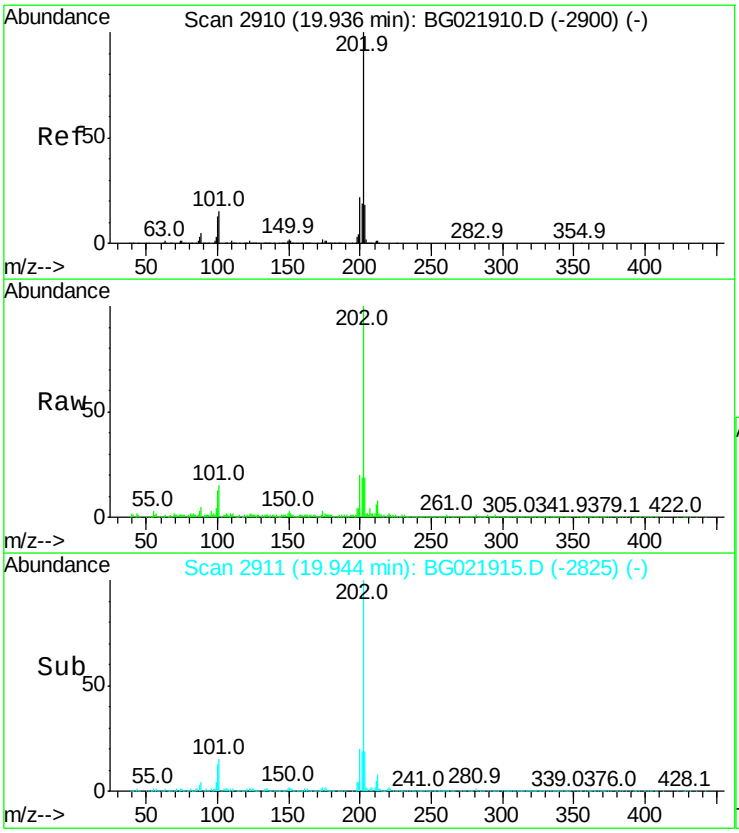
Tgt Ion:202 Resp: 175399

Ion	Ratio	Lower	Upper
202	100		
101	13.9	8.9	13.3#
100	10.2	7.0	10.4



Instrument :
BNA_G
ClientSampleId :
D9XE3

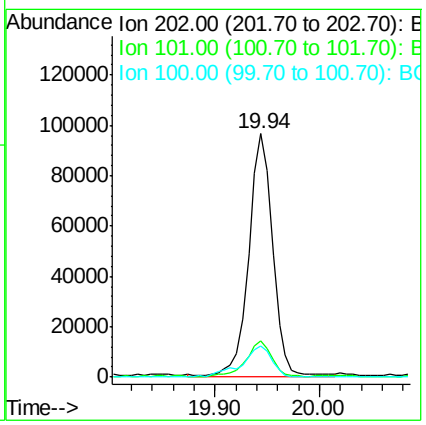
Manual Integrations APPROVED
umangi
5/17/2016 7:20:22 PM

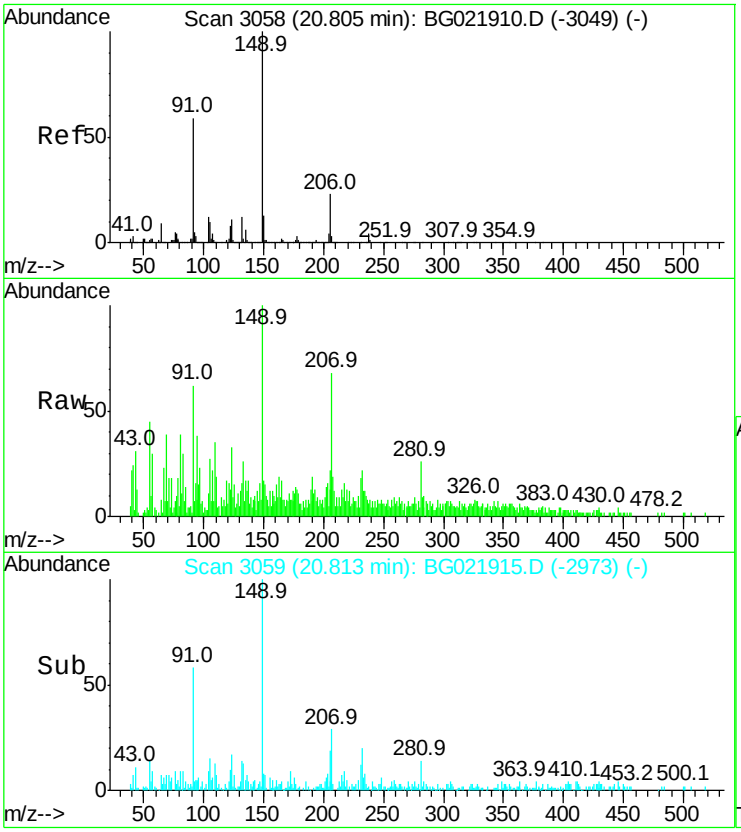


#78
Pyrene
Concen: 7.36 ng/ul m
RT: 19.94 min Scan# 2911
Delta R.T. 0.01 min
Lab File: BG021915.D
Acq: 16 May 2016 20:45

Tgt Ion:202 Resp: 156348

Ion	Ratio	Lower	Upper
202	100		
101	15.0	9.8	14.8#
100	13.0	9.3	13.9





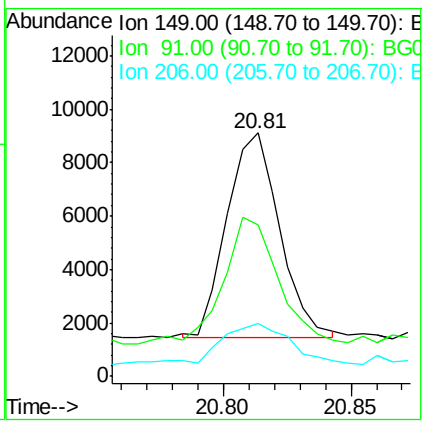
#79
Butylbenzylphthalate
Concen: 2.32 ng/ul m
RT: 20.81 min Scan# 3059
Delta R.T. 0.01 min
Lab File: BG021915.D
Acq: 16 May 2016 20:45

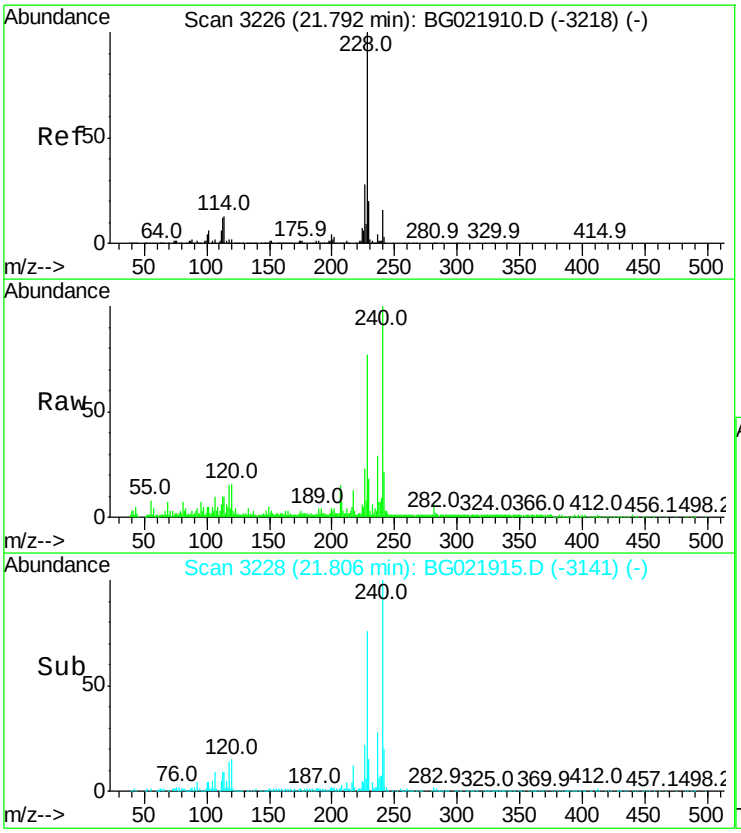
Tgt Ion:149 Resp: 10908

Ion	Ratio	Lower	Upper
149	100		
91	62.1	65.8	98.8#
206	21.7	15.5	23.3

Instrument :
BNA_G
ClientSampleId :
D9XE3

Manual Integrations APPROVED
umangi
5/17/2016 7:20:22 PM

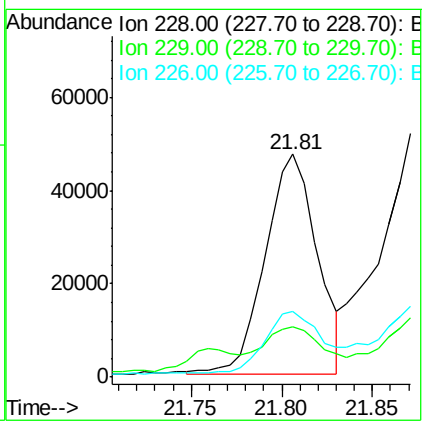


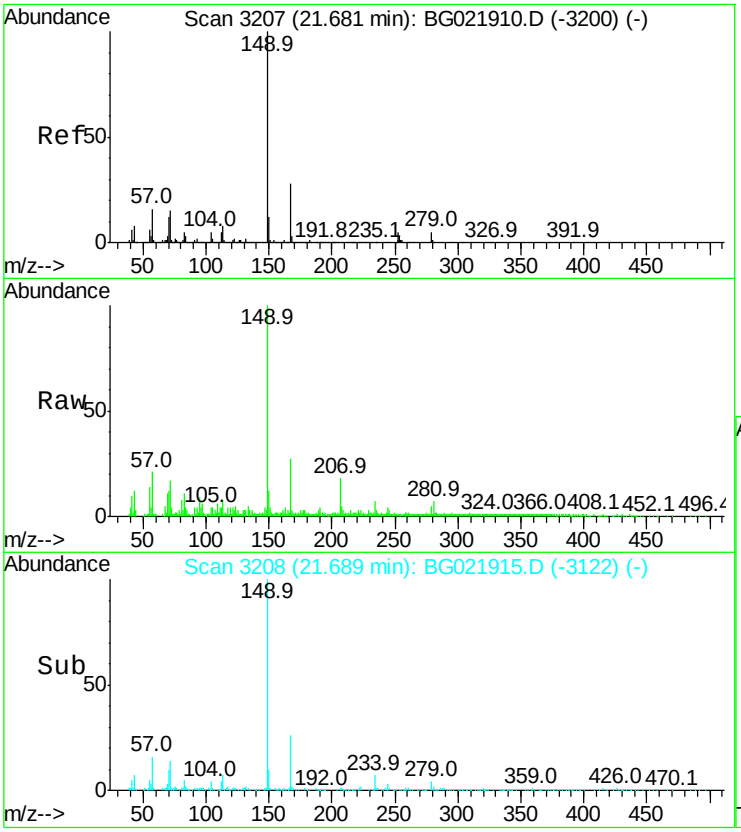


#81
Benzo(a)anthracene
Concen: 4.65 ng/ul
RT: 21.81 min Scan# 3228
Delta R.T. 0.01 min
Lab File: BG021915.D
Acq: 16 May 2016 20:45

Tgt Ion:228 Resp: 95014

Ion	Ratio	Lower	Upper
228	100		
229	22.8	16.6	25.0
226	29.8	21.0	31.4

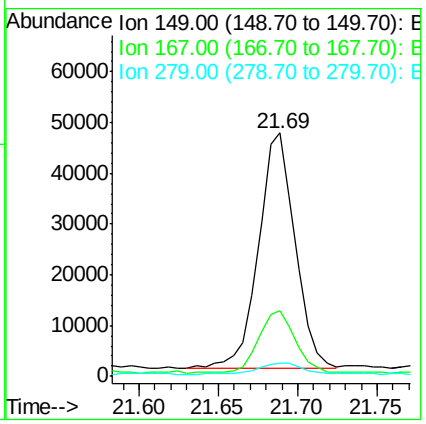




#82
Bis(2-ethylhexyl)phthalate
Concen: 9.70 ng/ul
RT: 21.69 min Scan# 3208
Delta R.T. 0.01 min
Lab File: BG021915.D
Acq: 16 May 2016 20:45

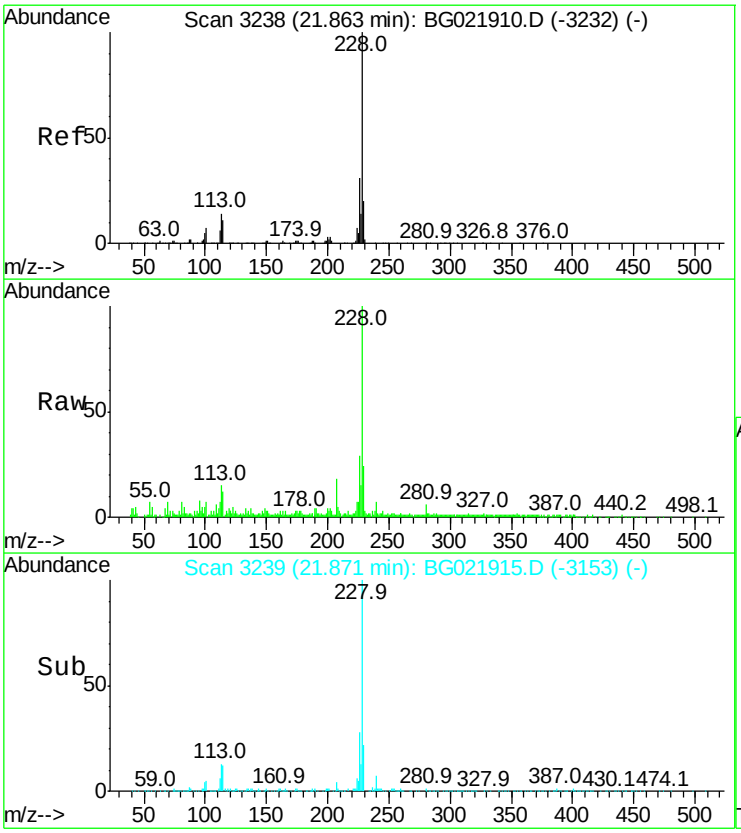
Tgt Ion:149 Resp: 74354

Ion	Ratio	Lower	Upper
149	100		
167	27.2	20.5	30.7
279	5.4	3.7	5.5



Instrument :
BNA_G
ClientSampleId :
D9XE3

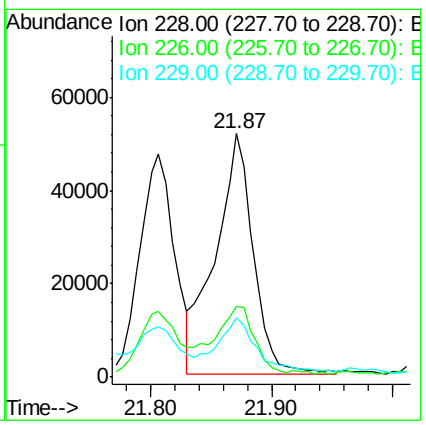
Manual Integrations APPROVED
umangi
5/17/2016 7:20:22 PM

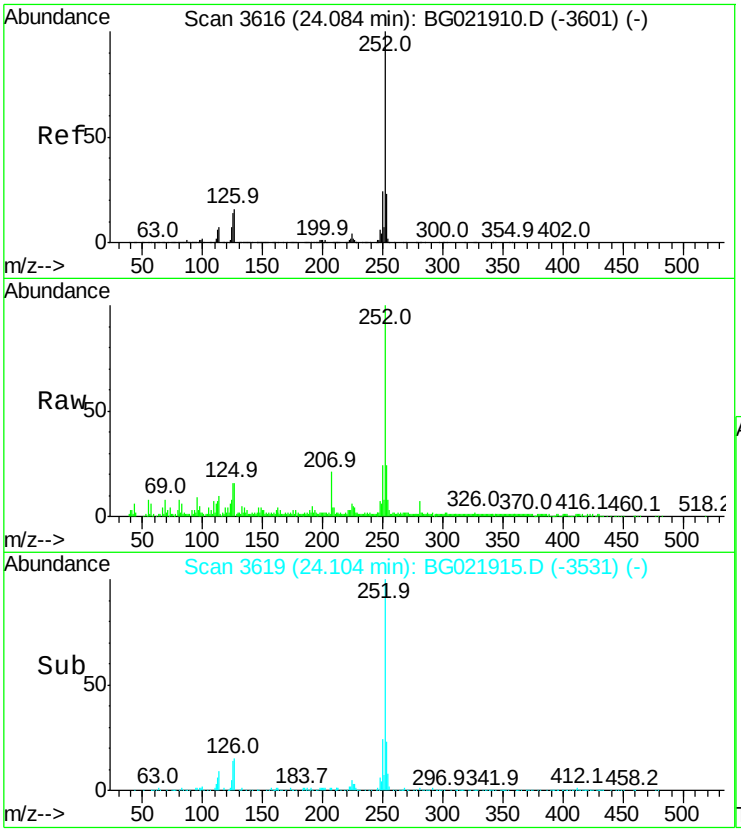


#83
Chrysene
Concen: 5.56 ng/ul
RT: 21.87 min Scan# 3239
Delta R.T. 0.01 min
Lab File: BG021915.D
Acq: 16 May 2016 20:45

Tgt Ion:228 Resp: 112344

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.4	35.2
229	24.2	16.2	24.2





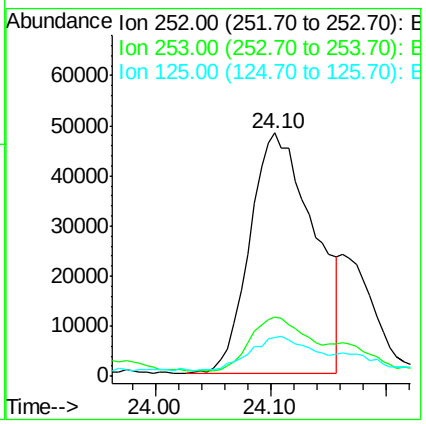
#86
Benzo(b)fluoranthene
Concen: 8.76 ng/ul
RT: 24.10 min Scan# 3619
Delta R.T. 0.02 min
Lab File: BG021915.D
Acq: 16 May 2016 20:45

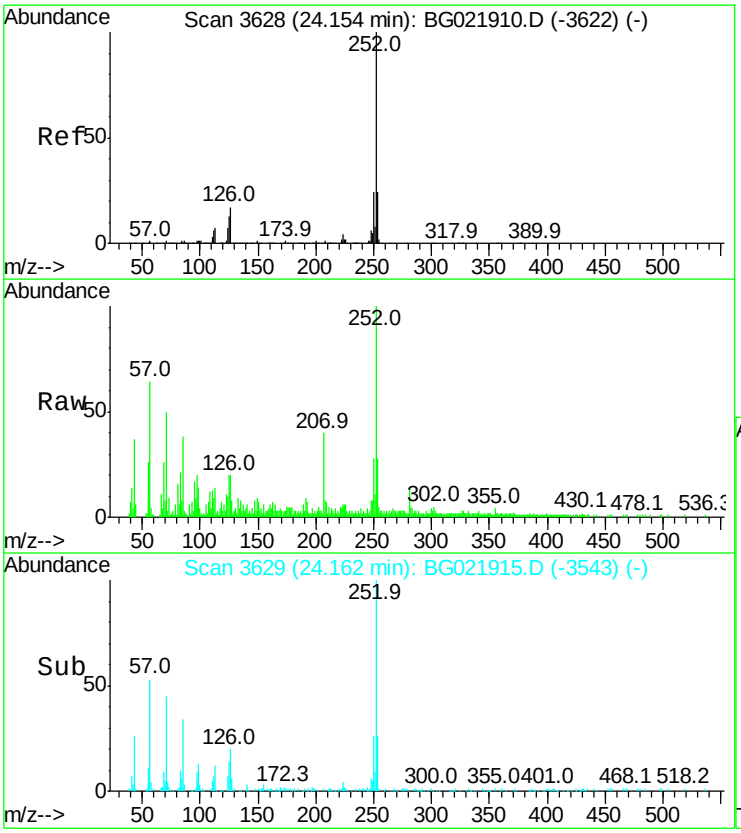
Tgt Ion:252 Resp: 185500

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.1	27.1
125	16.0	7.6	11.4#

Instrument :
BNA_G
ClientSampleId :
D9XE3

Manual Integrations APPROVED
umangi
5/17/2016 7:20:22 PM

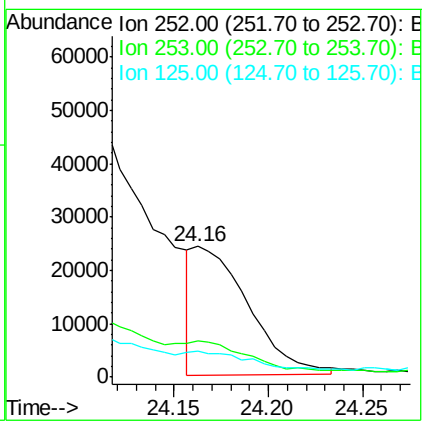


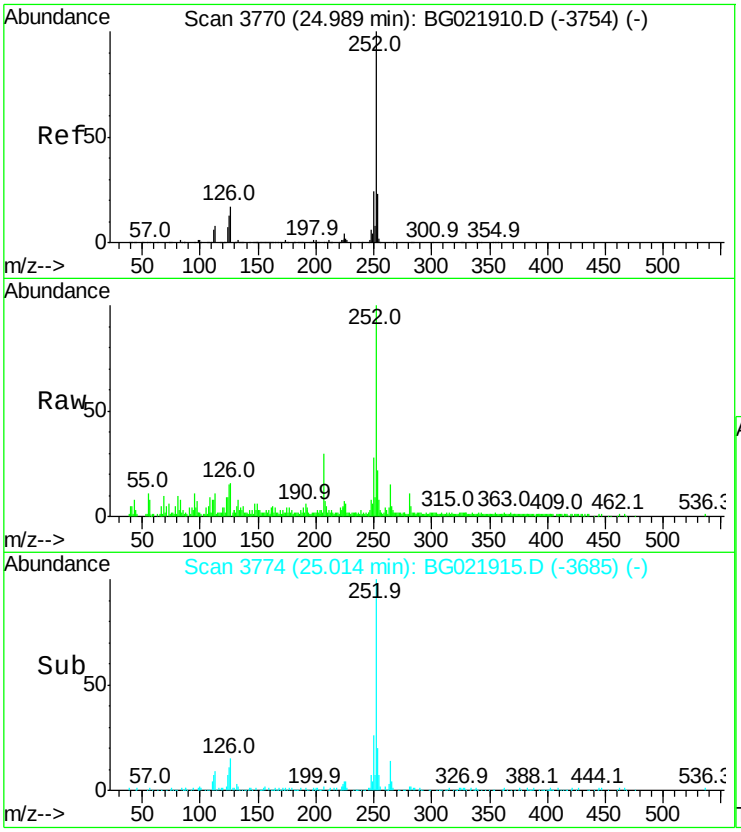


#87
Benzo(k)fluoranthene
Concen: 2.16 ng/ul m
RT: 24.16 min Scan# 3629
Delta R.T. 0.01 min
Lab File: BG021915.D
Acq: 16 May 2016 20:45

Tgt Ion:252 Resp: 48866

Ion	Ratio	Lower	Upper
252	100		
253	27.7	17.8	26.8#
125	19.6	7.7	11.5#

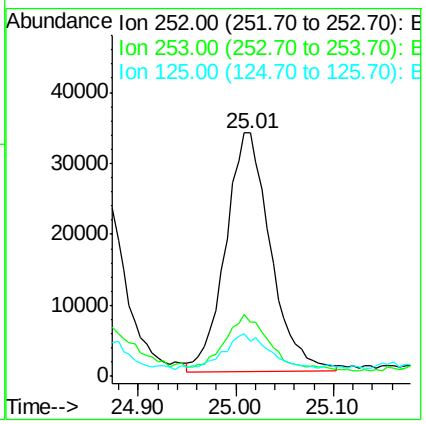




#89
Benzo(a)pyrene
Concen: 5.11 ng/ul
RT: 25.01 min Scan# 3774
Delta R.T. 0.03 min
Lab File: BG021915.D
Acq: 16 May 2016 20:45

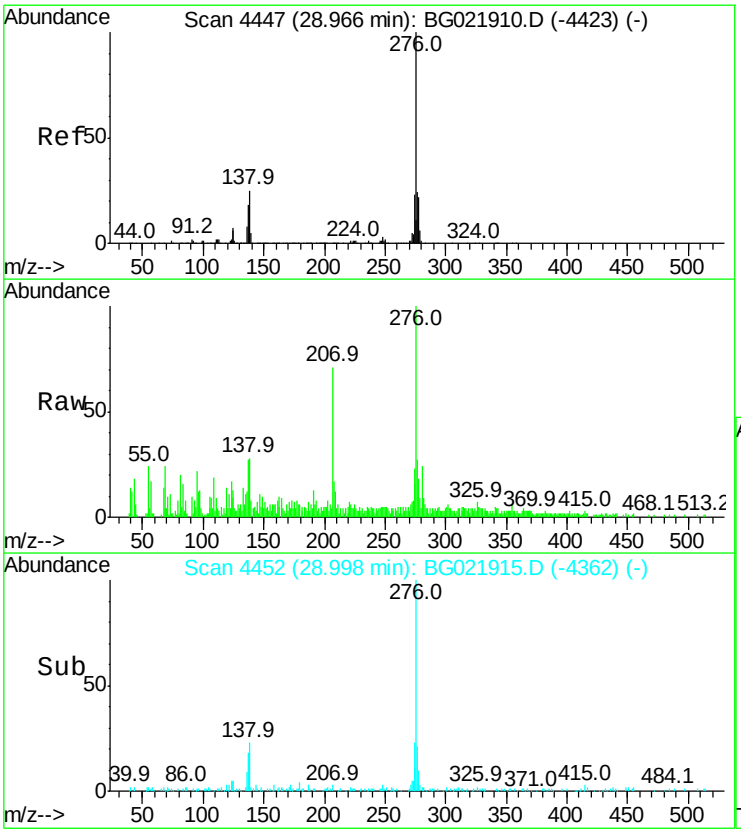
Tgt Ion:252 Resp: 107663

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	14.5	8.2	12.2#



Instrument :
BNA_G
ClientSampleId :
D9XE3

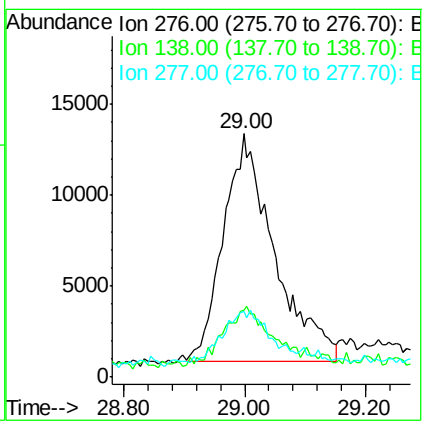
Manual Integrations APPROVED
umangi
5/17/2016 7:20:22 PM

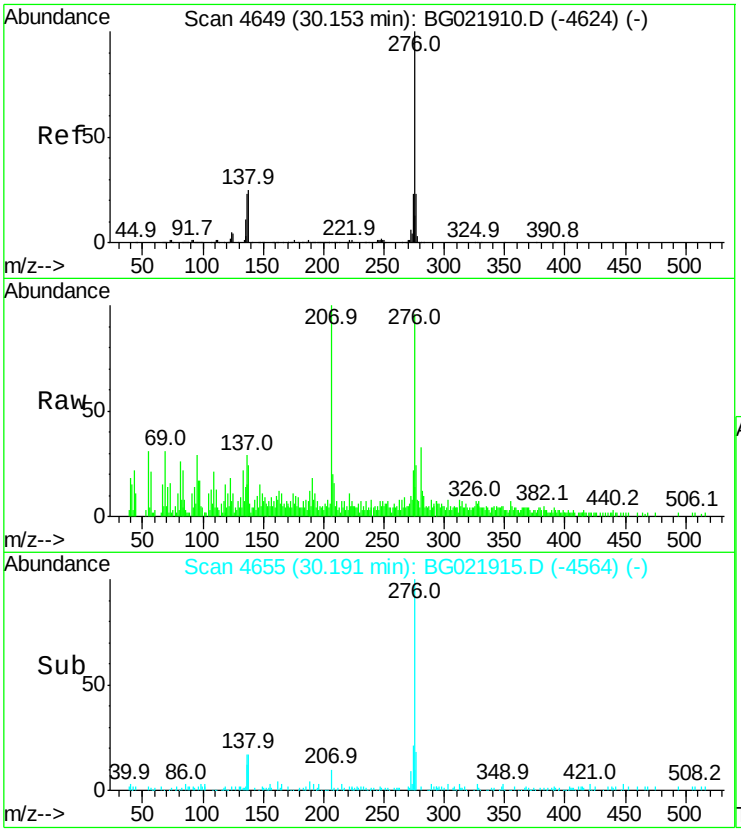


#90
Indeno(1,2,3-cd)pyrene
Concen: 2.93 ng/ul m
RT: 29.00 min Scan# 4452
Delta R.T. 0.03 min
Lab File: BG021915.D
Acq: 16 May 2016 20:45

Tgt Ion:276 Resp: 73066

Ion	Ratio	Lower	Upper
276	100		
138	27.7	15.8	23.6#
277	26.8	19.0	28.6

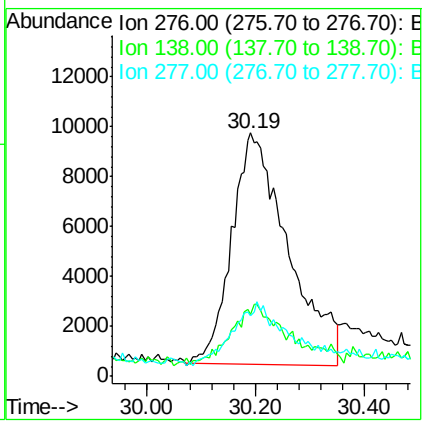




#92
Benzo(g,h,i)perylene
Concen: 3.24 ng/ul m
RT: 30.19 min Scan# 4655
Delta R.T. 0.04 min
Lab File: BG021915.D
Acq: 16 May 2016 20:45

Tgt Ion:276 Resp: 66825

Ion	Ratio	Lower	Upper
276	100		
138	25.2	13.9	20.9#
277	25.0	19.8	29.6



Instrument :
BNA_G
ClientSampleId :
D9XE3

Manual Integrations APPROVED
umangi
5/17/2016 7:20:22 PM