Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051116\
Data File : BG021842.D
Acq On : 11 May 2016 13:40
Operator : UM/SJ
Sample : H2937-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9X88

Manual Integrations APPROVED
sohil
5/12/2016 7:29:27 PM

Quant Time: May 12 06:01:16 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 12 04:46:15 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	77240	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	425223	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	270093	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	555953	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	558194	20.00	ng/ul	0.00
84) Perylene-d12	25.18	264	553165	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.57	96	4160	2.60	ng/uL	0.00
5) Phenol-d5	7.33	99	91920	16.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	42713	15.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	81591	18.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	80745	16.77	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	43709	15.64	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	45560	25.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	92022	18.43	ng/ul	0.00
29) 4-Chloroaniline-d4	11.13	131	101830	18.93	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	330460	17.42	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	436396	16.20	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	48111m	14.79	ng/ul	0.00
58) Fluorene-d10	15.79	176	302511	15.14	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	37231	24.18	ng/ul	0.00
71) Anthracene-d10	17.64	188	435417	16.09	ng/ul	0.00
77) Pyrene-d10	19.92	212	465636	17.82	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.95	264	435145	16.56	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	14.25	163	62784	3.25	ng/ul	99
70) Phenanthrene	17.59	178	88818	2.92	ng/ul	99
75) Fluoranthene	19.59	202	222206	6.43	ng/ul	97
78) Pyrene	19.95	202	198129m	6.14	ng/ul	
81) Benzo(a)anthracene	21.82	228	123908	3.99	ng/ul	99
82) Bis(2-ethylhexyl)phthalate	21.70	149	13777	1.18	ng/ul	96
83) Chrysene	21.88	228	134795m	4.39	ng/ul	
86) Benzo(b)fluoranthene	24.11	252	203197	6.42	ng/ul#	95
87) Benzo(k)fluoranthene	24.17	252	75300m	2.22	ng/ul	
89) Benzo(a)pyrene	25.02	252	122621	3.89	ng/ul#	94
90) Indeno(1,2,3-cd)pyrene	29.00	276	102811	2.75	ng/ul	98
91) Dibenzo(a,h)anthracene	29.05	278	31424m	1.01	ng/ul	
92) Benzo(g,h,i)perylene	30.18	276	97323m	3.16	ng/ul	

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

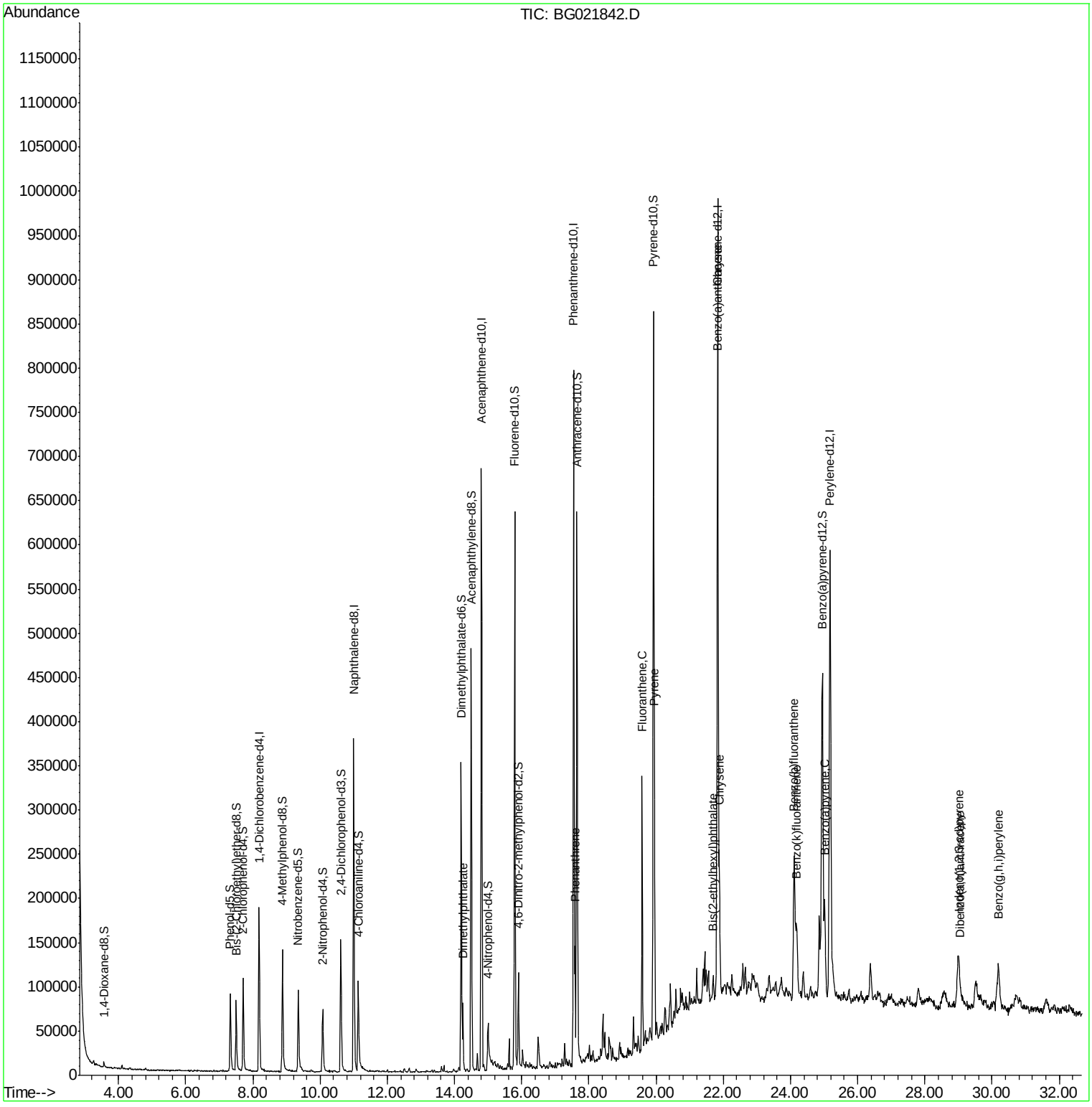
Quantitation Report (LSC Reviewed)

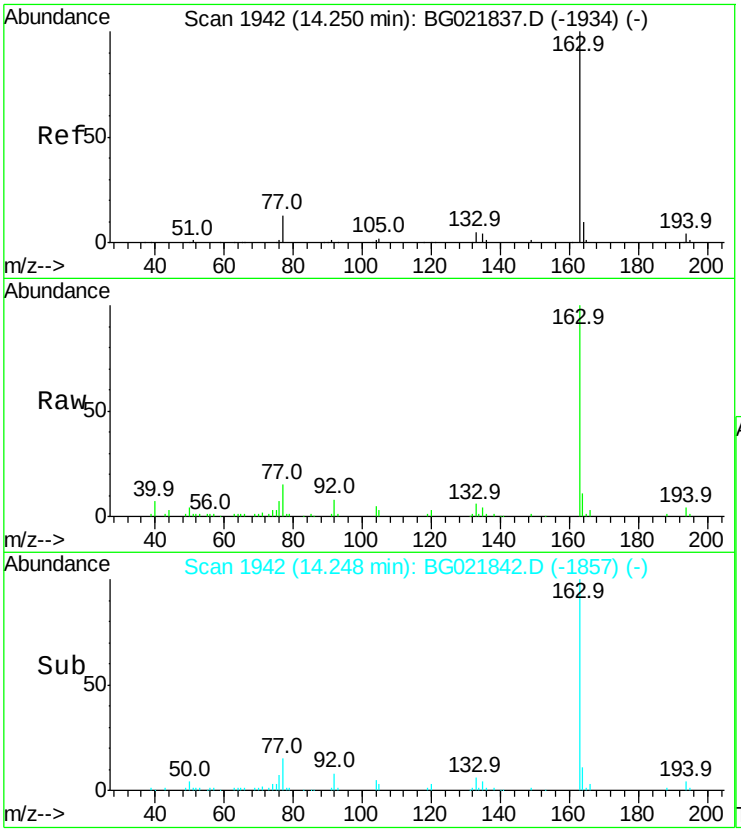
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051116\
Data File : BG021842.D
Acq On : 11 May 2016 13:40
Operator : UM/SJ
Sample : H2937-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 12 06:01:16 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 12 04:46:15 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
D9X88

Manual Integrations APPROVED
sohil
5/12/2016 7:29:27 PM

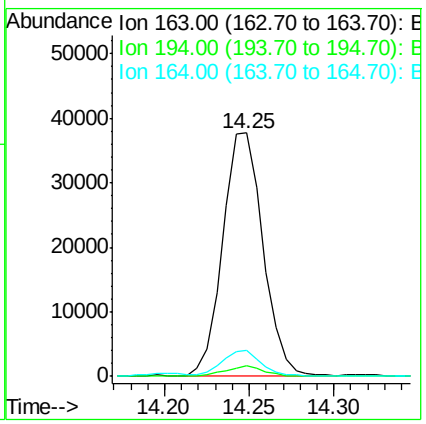




#45
Dimethylphthalate
Concen: 3.25 ng/ul
RT: 14.25 min Scan# 1942
Delta R.T. -0.00 min
Lab File: BG021842.D
Acq: 11 May 2016 13:40

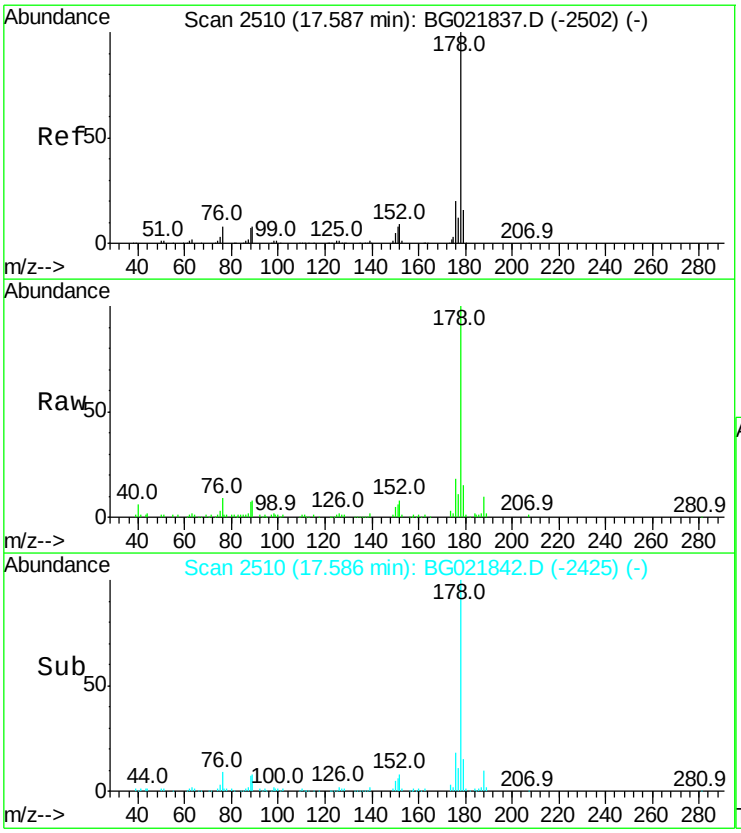
Tgt Ion:163 Resp: 62784

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.9	5.9
164	10.7	8.7	13.1



Instrument :
BNA_G
ClientSampleId :
D9X88

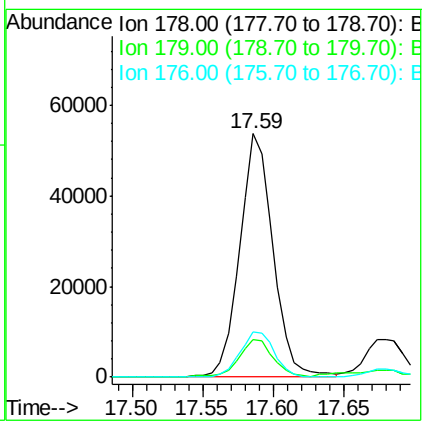
Manual Integrations APPROVED
sohil
5/12/2016 7:29:27 PM

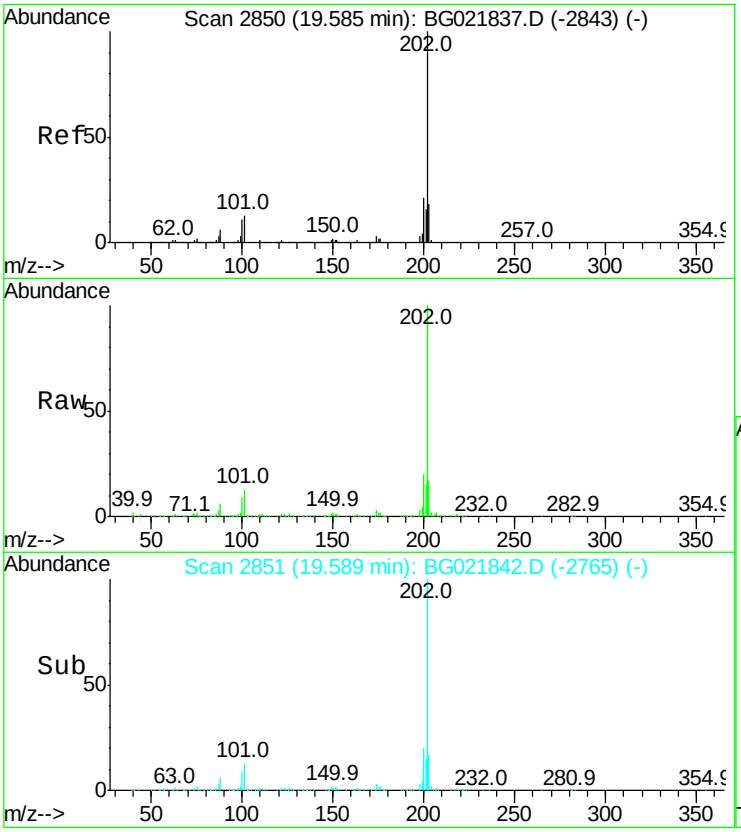


#70
Phenanthrene
Concen: 2.92 ng/ul
RT: 17.59 min Scan# 2510
Delta R.T. -0.00 min
Lab File: BG021842.D
Acq: 11 May 2016 13:40

Tgt Ion:178 Resp: 88818

Ion	Ratio	Lower	Upper
178	100		
179	15.2	11.8	17.8
176	18.4	14.8	22.2

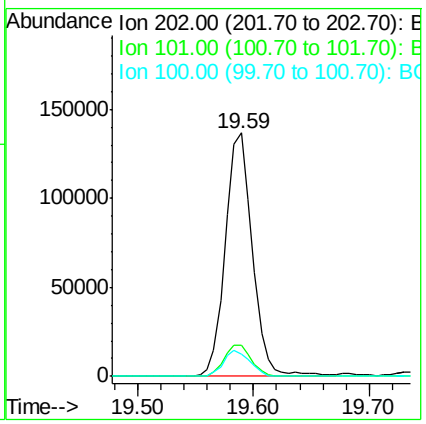




#75
Fluoranthene
Concen: 6.43 ng/ul
RT: 19.59 min Scan# 2851
Delta R.T. 0.00 min
Lab File: BG021842.D
Acq: 11 May 2016 13:40

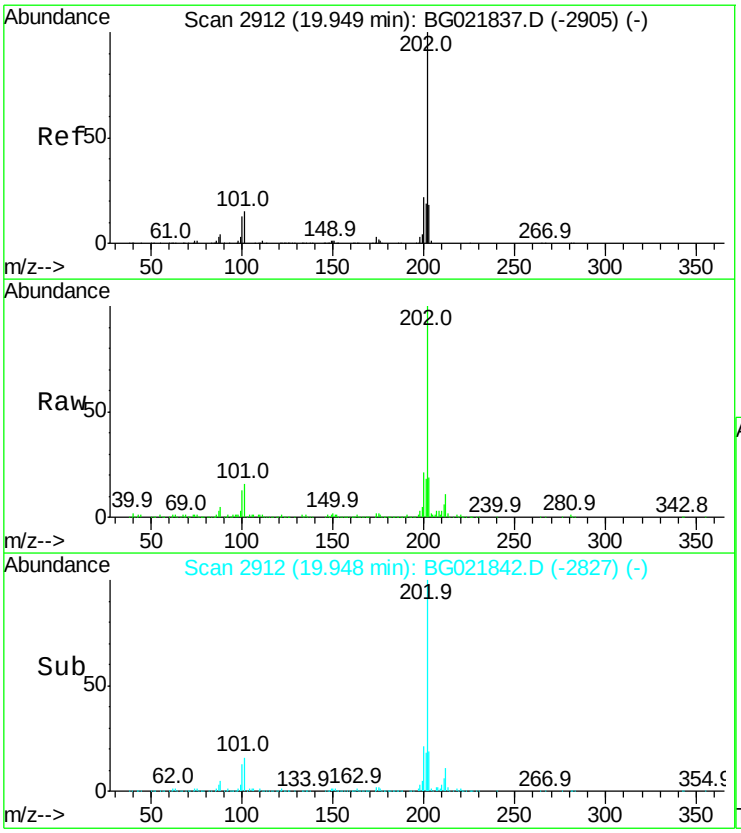
Tgt Ion:202 Resp: 222206

Ion	Ratio	Lower	Upper
202	100		
101	12.9	8.9	13.3
100	9.3	7.0	10.4



Instrument :
BNA_G
ClientSampleId :
D9X88

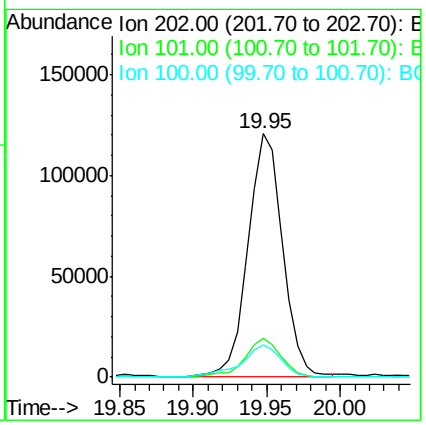
Manual Integrations APPROVED
sohil
5/12/2016 7:29:27 PM

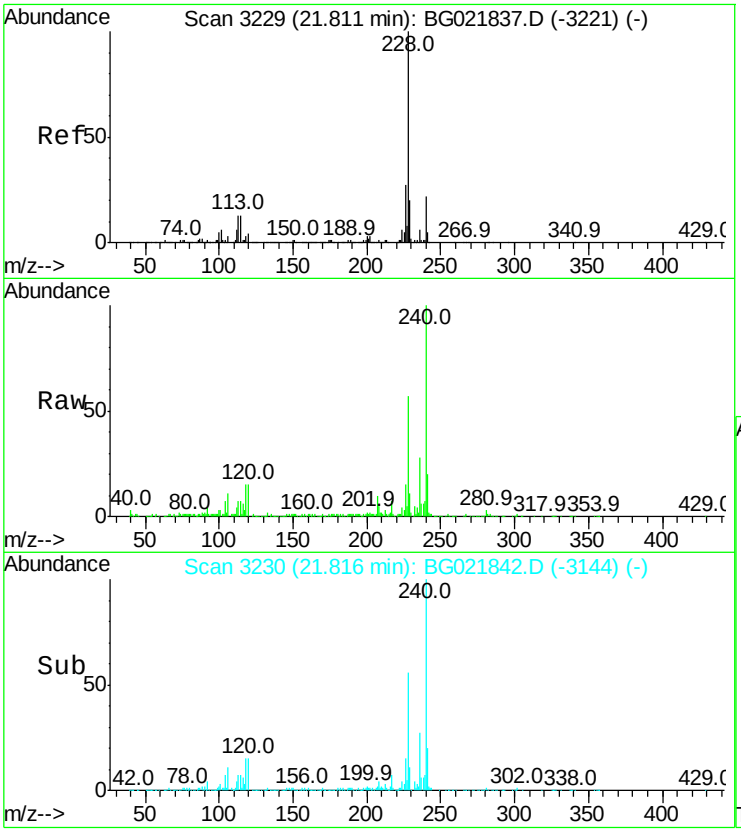


#78
Pyrene
Concen: 6.14 ng/ul m
RT: 19.95 min Scan# 2912
Delta R.T. -0.00 min
Lab File: BG021842.D
Acq: 11 May 2016 13:40

Tgt Ion:202 Resp: 198129

Ion	Ratio	Lower	Upper
202	100		
101	15.9	9.8	14.8#
100	13.3	9.3	13.9

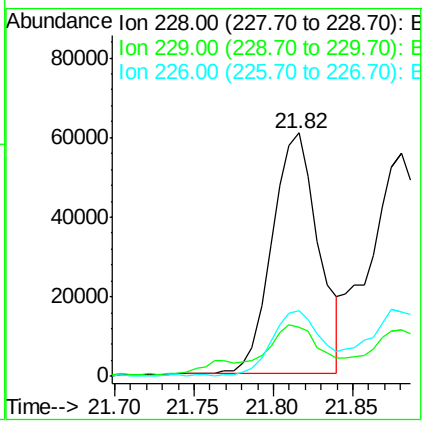




#81
Benzo(a)anthracene
Concen: 3.99 ng/ul
RT: 21.82 min Scan# 3230
Delta R.T. 0.00 min
Lab File: BG021842.D
Acq: 11 May 2016 13:40

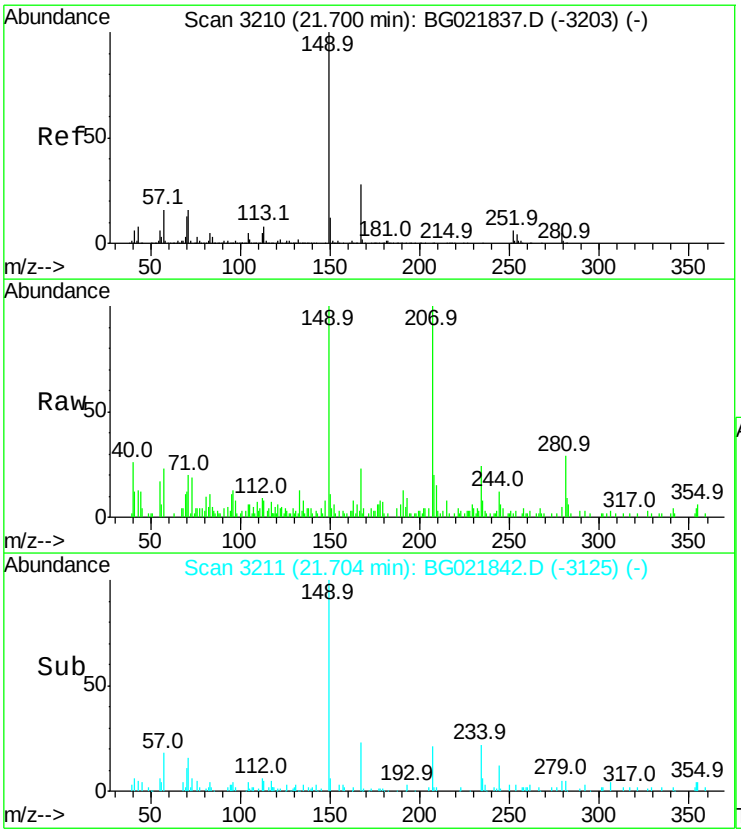
Tgt Ion:228 Resp: 123908

Ion	Ratio	Lower	Upper
228	100		
229	20.2	16.6	25.0
226	26.8	21.0	31.4



Instrument :
BNA_G
ClientSampleId :
D9X88

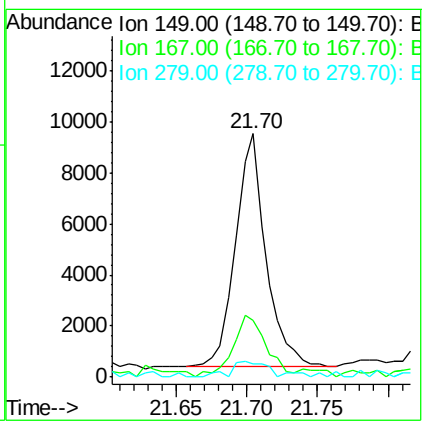
Manual Integrations APPROVED
sohil
5/12/2016 7:29:27 PM

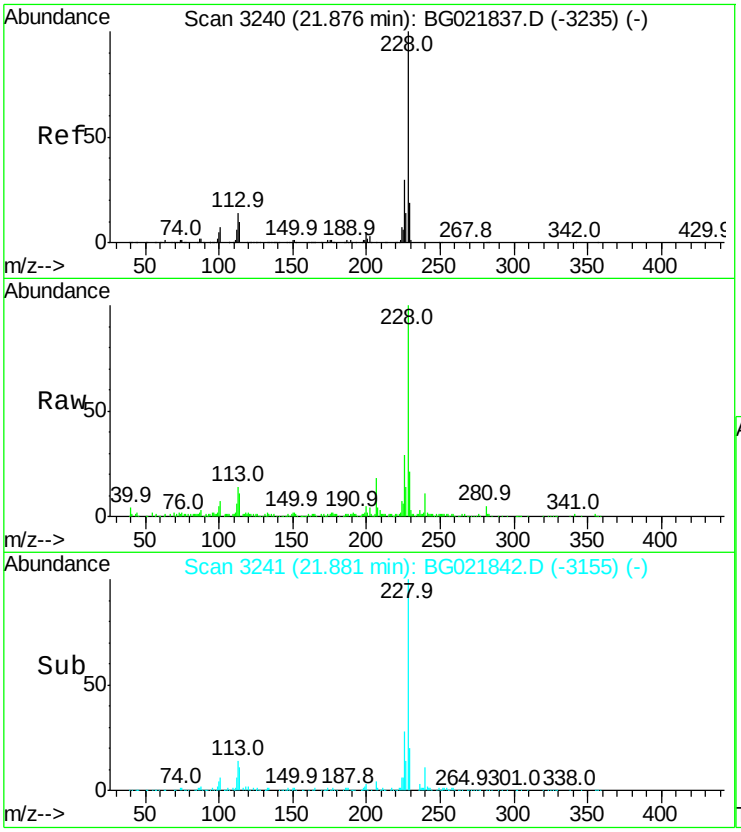


#82
Bis(2-ethylhexyl)phthalate
Concen: 1.18 ng/ul
RT: 21.70 min Scan# 3211
Delta R.T. 0.00 min
Lab File: BG021842.D
Acq: 11 May 2016 13:40

Tgt Ion:149 Resp: 13777

Ion	Ratio	Lower	Upper
149	100		
167	23.3	20.5	30.7
279	5.2	3.7	5.5

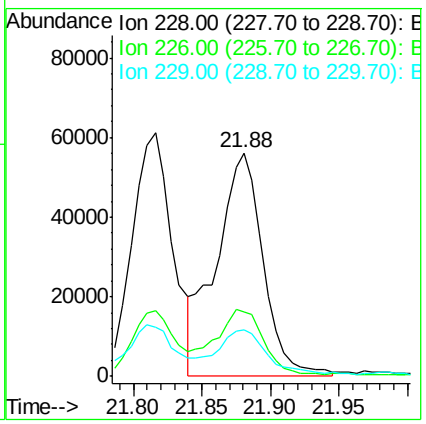




#83
Chrysene
Concen: 4.39 ng/ul m
RT: 21.88 min Scan# 3241
Delta R.T. 0.00 min
Lab File: BG021842.D
Acq: 11 May 2016 13:40

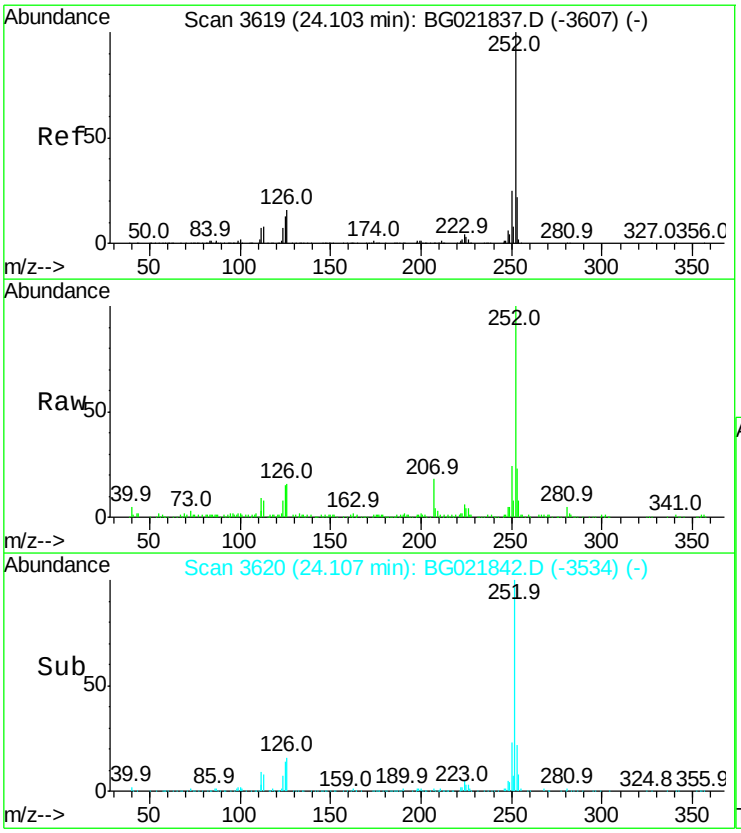
Tgt Ion:228 Resp: 134795

Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.4	35.2
229	21.1	16.2	24.2



Instrument :
BNA_G
ClientSampleId :
D9X88

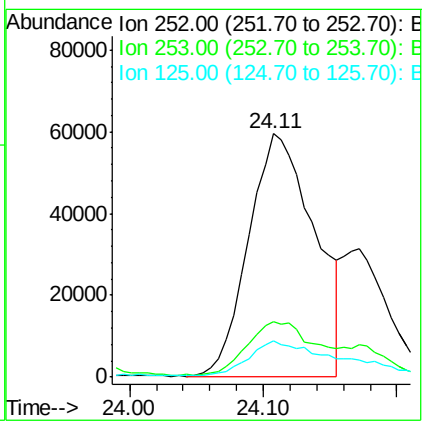
Manual Integrations APPROVED
sohil
5/12/2016 7:29:27 PM

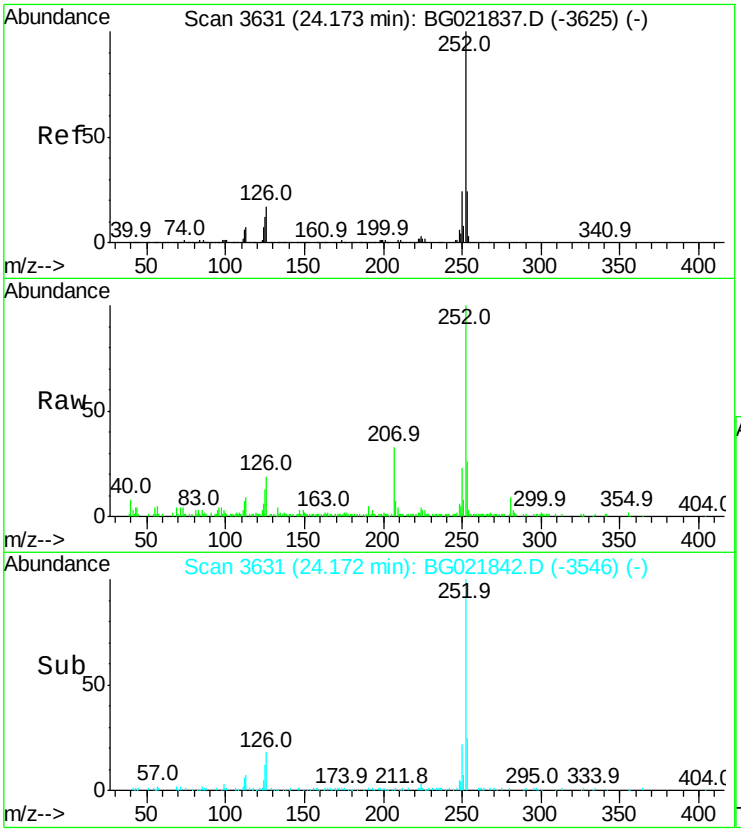


#86
Benzo(b)fluoranthene
Concen: 6.42 ng/ul
RT: 24.11 min Scan# 3620
Delta R.T. 0.00 min
Lab File: BG021842.D
Acq: 11 May 2016 13:40

Tgt Ion:252 Resp: 203197

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	14.9	7.6	11.4#





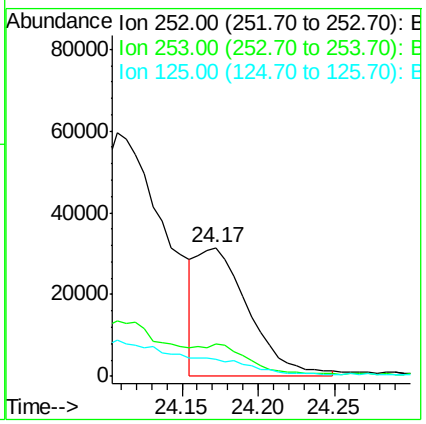
#87
Benzo(k)fluoranthene
Concen: 2.22 ng/ul m
RT: 24.17 min Scan# 3631
Delta R.T. -0.00 min
Lab File: BG021842.D
Acq: 11 May 2016 13:40

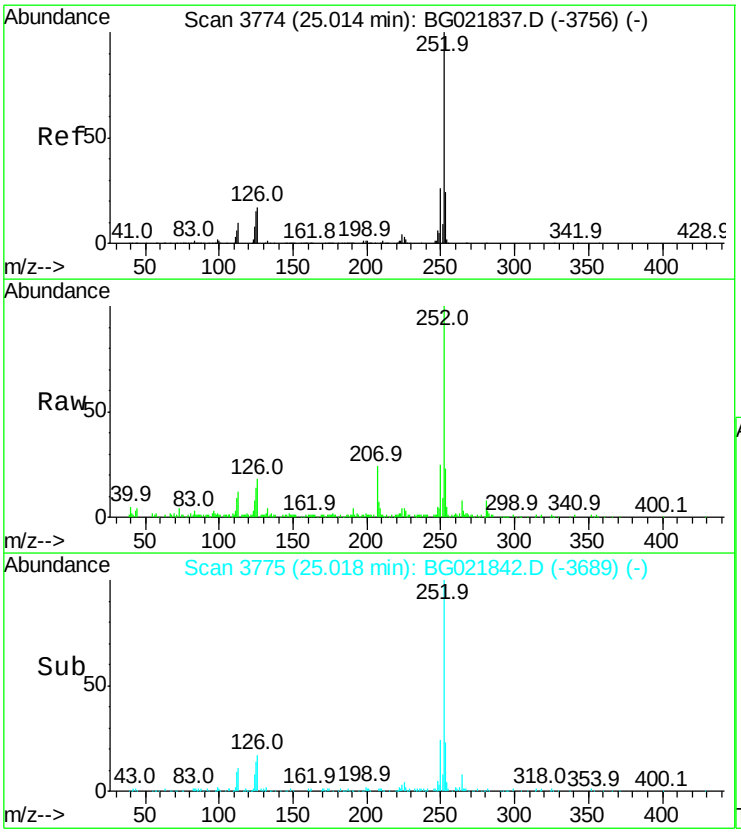
Tgt Ion:252 Resp: 75300

Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.8	26.8
125	12.8	7.7	11.5#

Instrument :
BNA_G
ClientSampleId :
D9X88

Manual Integrations APPROVED
sohil
5/12/2016 7:29:27 PM

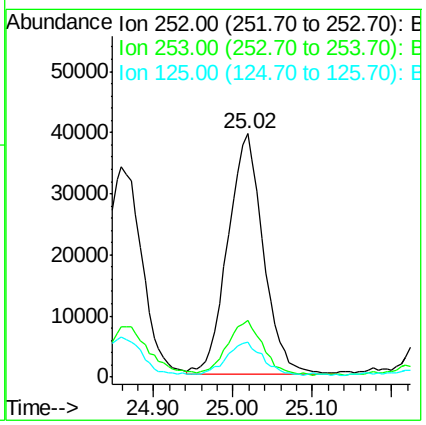


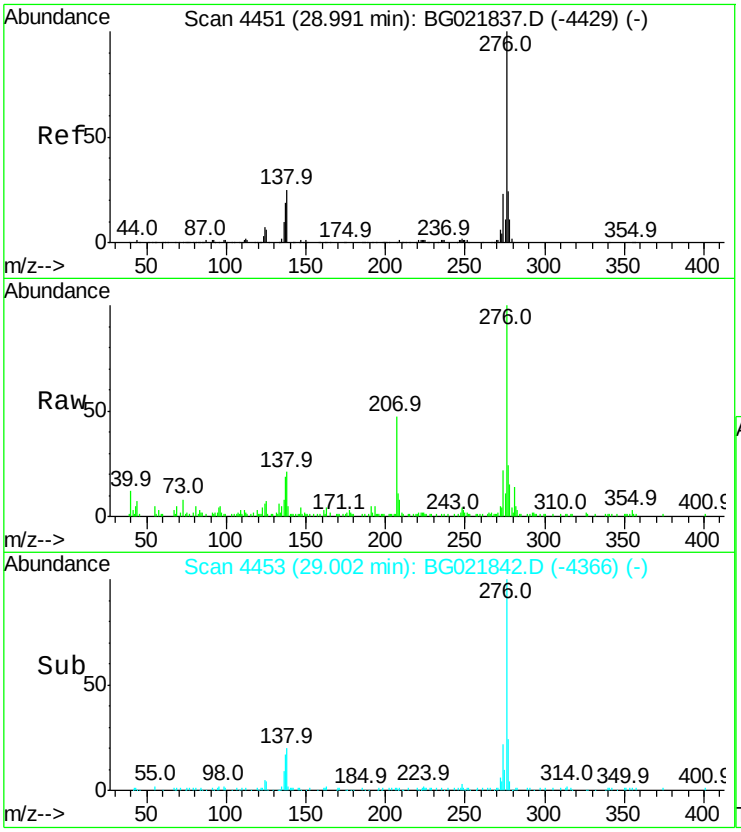


#89
Benzo(a)pyrene
Concen: 3.89 ng/ul
RT: 25.02 min Scan# 3775
Delta R.T. 0.00 min
Lab File: BG021842.D
Acq: 11 May 2016 13:40

Tgt Ion:252 Resp: 122621

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.0
125	14.3	8.2	12.2#

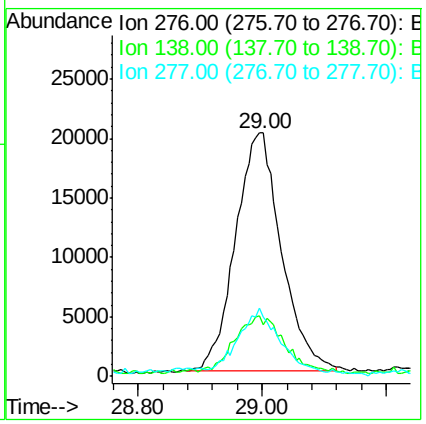




#90
Indeno(1,2,3-cd)pyrene
Concen: 2.75 ng/ul
RT: 29.00 min Scan# 4453
Delta R.T. 0.01 min
Lab File: BG021842.D
Acq: 11 May 2016 13:40

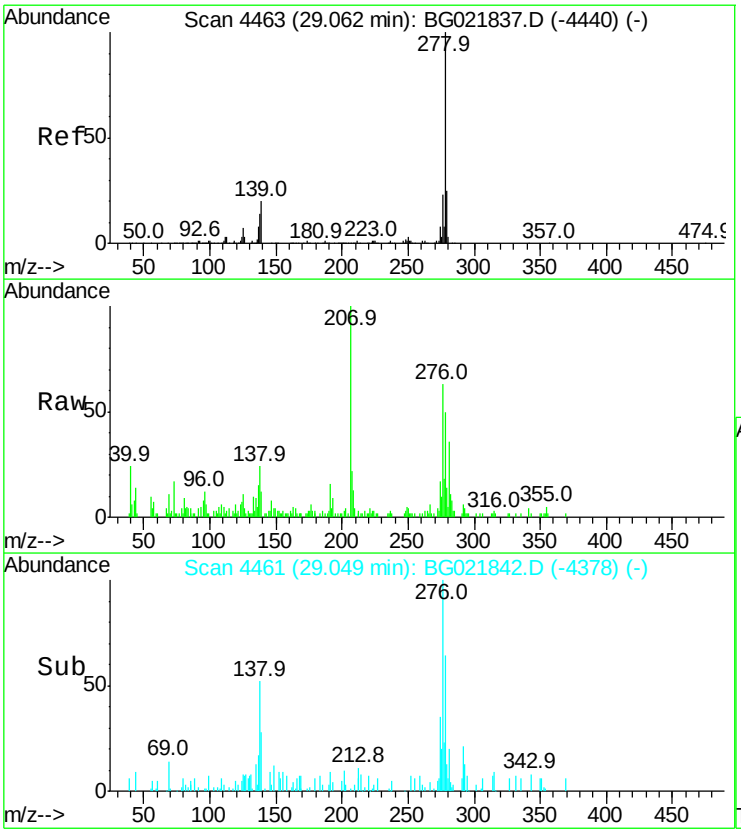
Tgt Ion:276 Resp: 102811

Ion	Ratio	Lower	Upper
276	100		
138	21.4	15.8	23.6
277	24.2	19.0	28.6



Instrument :
BNA_G
ClientSampleId :
D9X88

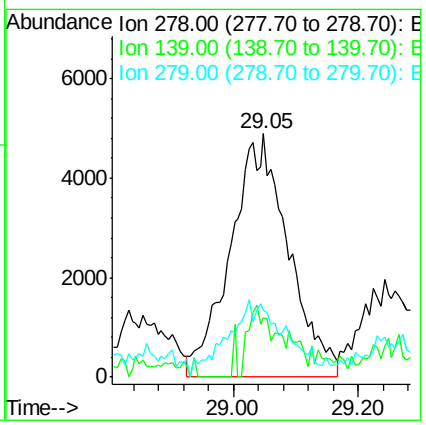
Manual Integrations APPROVED
sohil
5/12/2016 7:29:27 PM

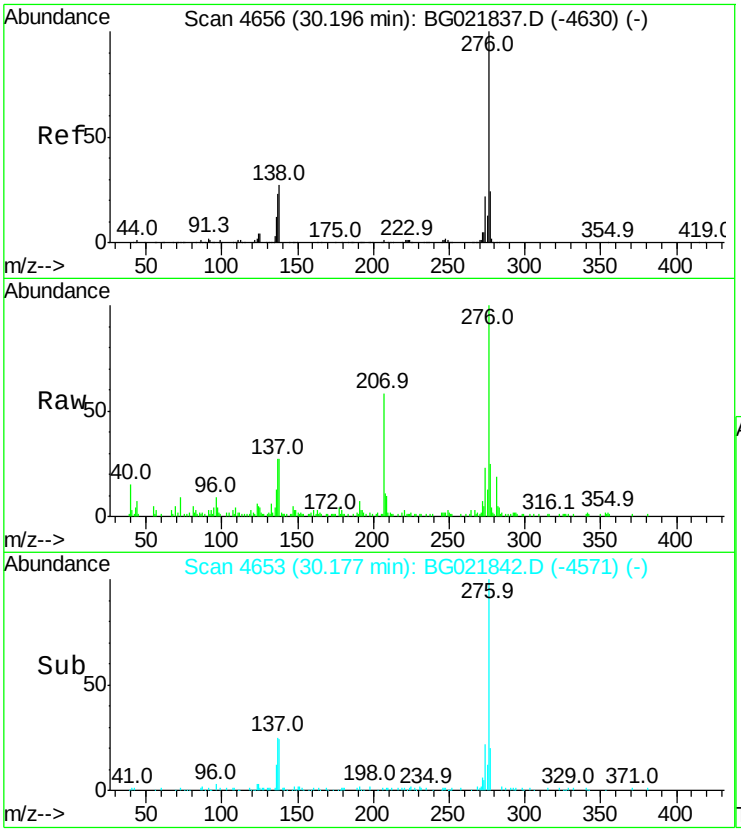


#91
Dibenzo(a,h)anthracene
Concen: 1.01 ng/ul m
RT: 29.05 min Scan# 4461
Delta R.T. -0.01 min
Lab File: BG021842.D
Acq: 11 May 2016 13:40

Tgt Ion:278 Resp: 31424

Ion	Ratio	Lower	Upper
278	100		
139	24.1	12.1	18.1#
279	27.6	19.8	29.8

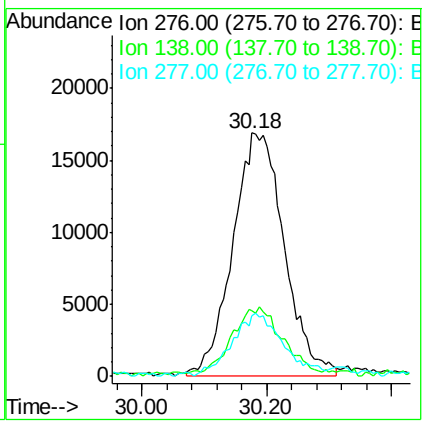




#92
Benzo(g,h,i)perylene
Concen: 3.16 ng/ul m
RT: 30.18 min Scan# 4653
Delta R.T. -0.02 min
Lab File: BG021842.D
Acq: 11 May 2016 13:40

Tgt Ion:276 Resp: 97323

Ion	Ratio	Lower	Upper
276	100		
138	27.2	13.9	20.9#
277	24.7	19.8	29.6



Instrument :
BNA_G
ClientSampleId :
D9X88

Manual Integrations APPROVED
sohil
5/12/2016 7:29:27 PM