Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020416\
Data File : BG020796.D
Acq On : 4 Feb 2016 21:45
Operator : SJ/IZ
Sample : H1334-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BBG16

Quant Time: Feb 05 07:38:43 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG012716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 05 07:34:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	21108	20.00	ng/ul	0.00
18) Naphthalene-d8	11.11	136	105640	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	58280	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	112341	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	96803	20.00	ng/ul	0.00
86) Perylene-d12	25.29	264	90662	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	1034	2.35	ng/uL	0.00
5) Phenol-d5	7.41	99	27731	12.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.59	67	16530	14.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	23658	14.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	22172	11.90	ng/ul	0.00
19) Nitrobenzene-d5	9.45	128	11773	18.26	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	10562	18.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	21885	14.19	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	31853	14.68	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	72081	14.48	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	94649	15.60	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	8575	9.74	ng/ul	0.00
58) Fluorene-d10	15.87	176	61889	14.22	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.98	200	3781	10.19	ng/ul	0.00
71) Anthracene-d10	17.72	188	87898	15.91	ng/ul	0.00
79) Pyrene-d10	19.99	212	85671	16.31	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.05	264	82566	16.99	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	14.33	163	26705	5.14	ng/ul#	98
59) Fluorene	15.93	166	6547	1.23	ng/ul	99
70) Phenanthrene	17.67	178	106387	15.08	ng/ul	99
72) Anthracene	17.76	178	17486	2.48	ng/ul	98
77) Fluoranthene	19.65	202	160454	22.14	ng/ul#	78
80) Pyrene	20.02	202	131561	17.98	ng/ul#	74
83) Benzo(a)anthracene	21.89	228	55190	8.85	ng/ul	97
85) Chrysene	21.95	228	54755	9.46	ng/ul	99
88) Benzo(b)fluoranthene	24.21	252	52402	8.82	ng/ul#	93
89) Benzo(k)fluoranthene	24.21	252	52402	9.01	ng/ul#	92
91) Benzo(a)pyrene	25.12	252	35612	6.27	ng/ul#	89
92) Indeno(1,2,3-cd)pyrene	29.16	276	19680	2.96	ng/ul#	84
94) Benzo(g,h,i)perylene	30.35	276	10022	1.84	ng/ul#	88

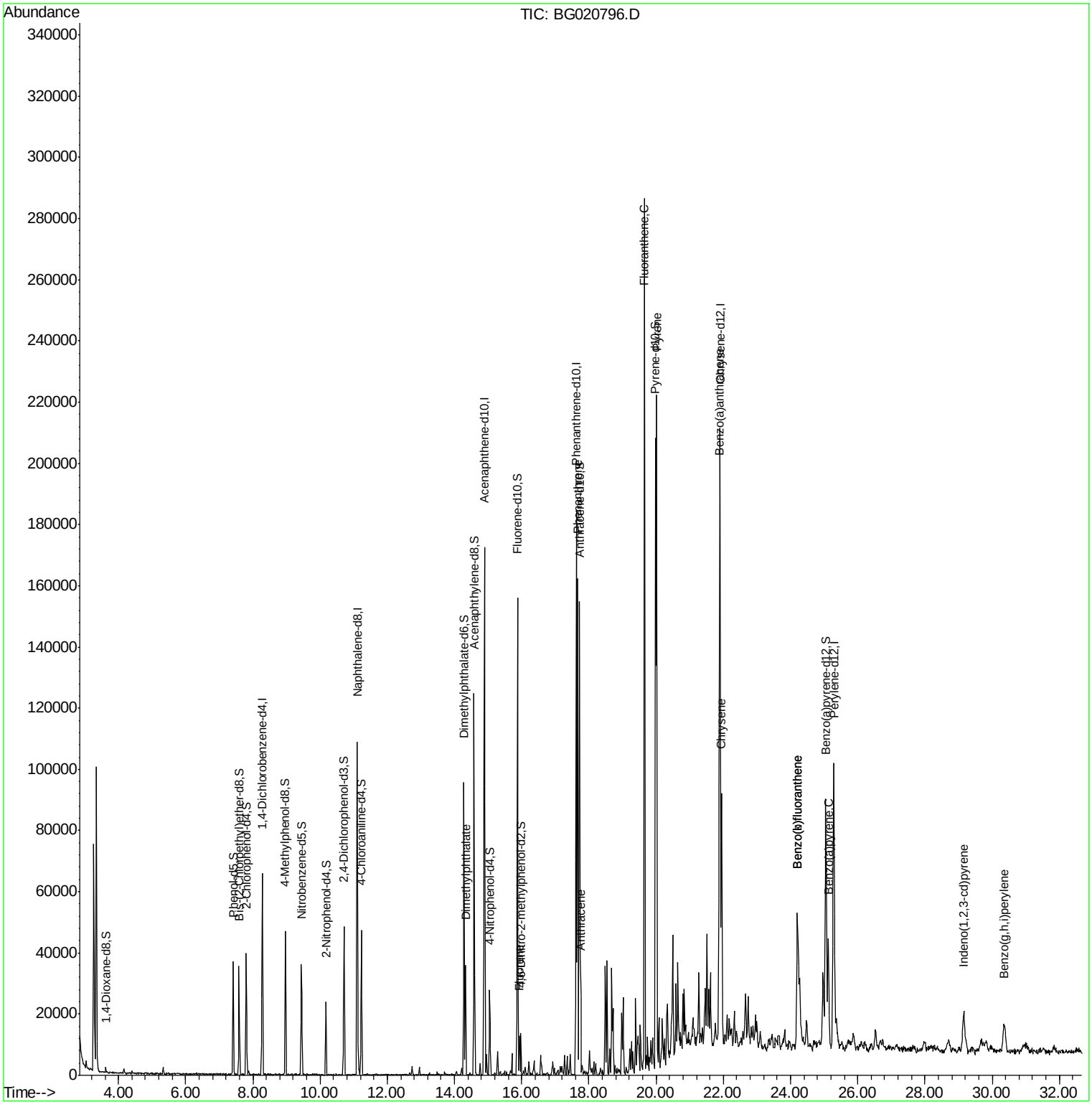
(#) = qualifier out of range (m) = manual integration (+) = signals summed

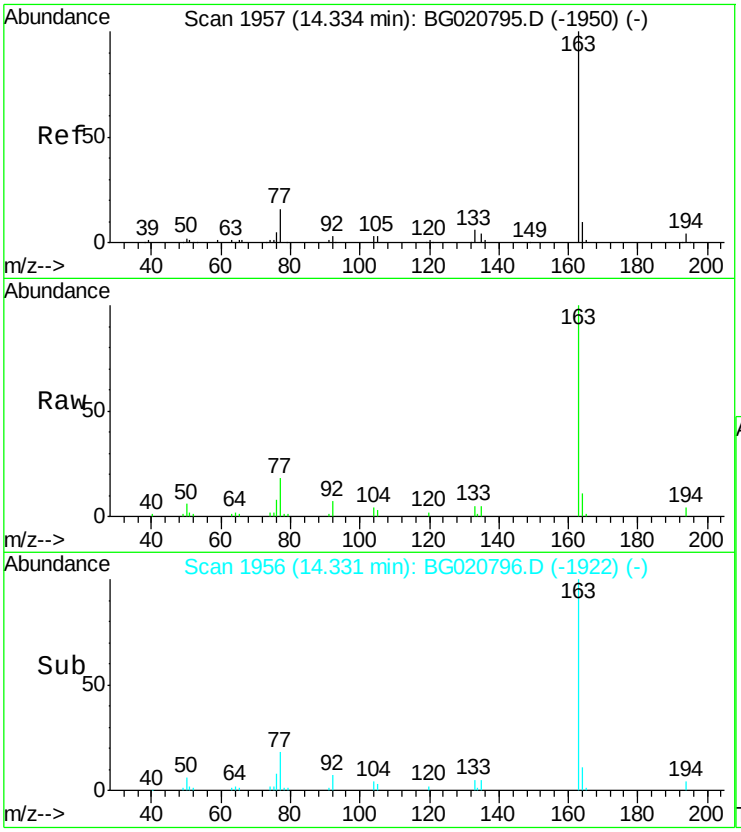
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020416\
Data File : BG020796.D
Acq On : 4 Feb 2016 21:45
Operator : SJ/IZ
Sample : H1334-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBG16

Quant Time: Feb 05 07:38:43 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG012716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 05 07:34:32 2016
Response via : Initial Calibration



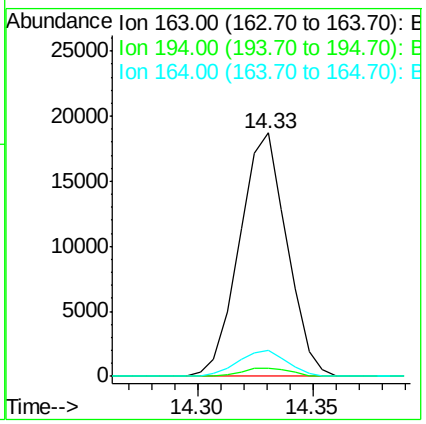


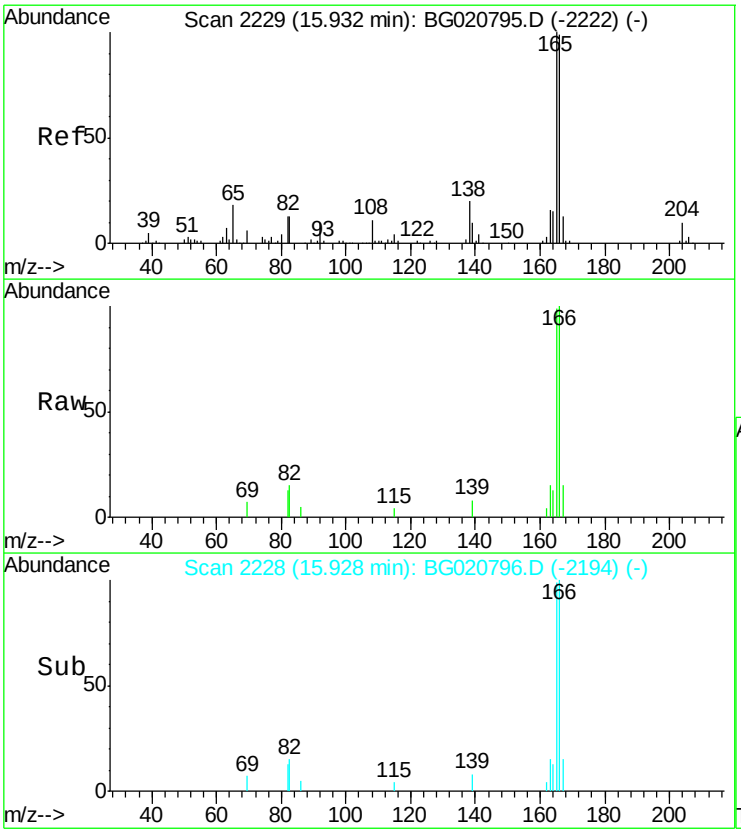
#45
Dimethylphthalate
Concen: 5.14 ng/ul
RT: 14.33 min Scan# 1956
Delta R.T. -0.00 min
Lab File: BG020796.D
Acq: 4 Feb 2016 21:45

Instrument :
BNA_G
ClientSampleId :
BBG16

Tgt Ion:163 Resp: 26705

Ion	Ratio	Lower	Upper
163	100		
194	3.5	4.0	6.0#
164	10.8	8.4	12.6

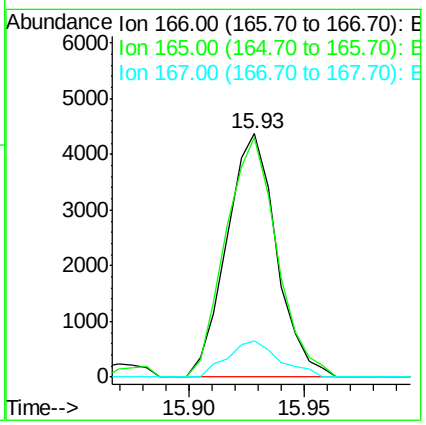


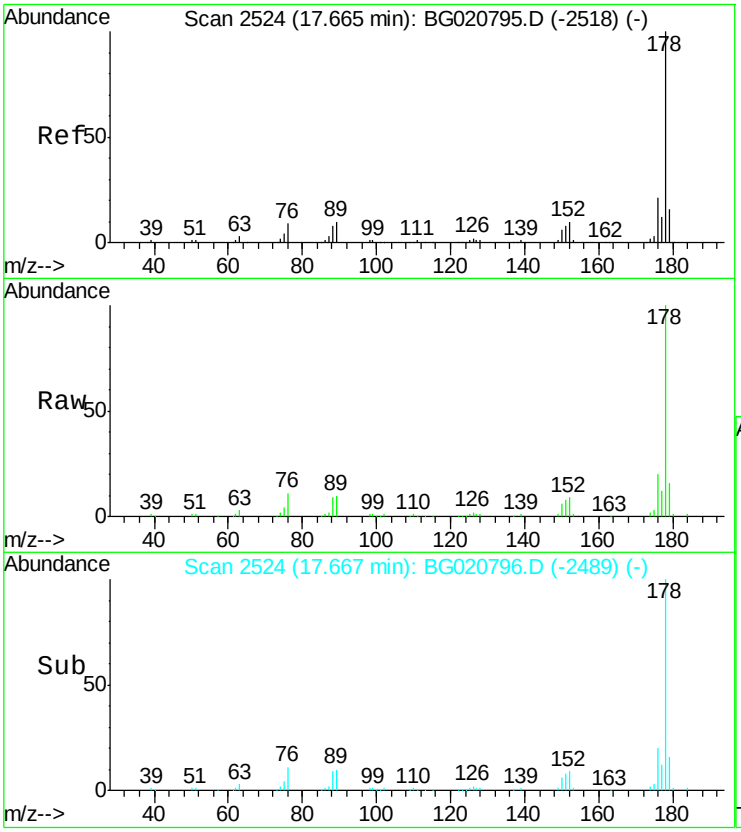


#59
Fluorene
Concen: 1.23 ng/ul
RT: 15.93 min Scan# 2228
Delta R.T. -0.00 min
Lab File: BG020796.D
Acq: 4 Feb 2016 21:45

Tgt Ion:166 Resp: 6547

Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.4	117.6
167	15.1	11.1	16.7



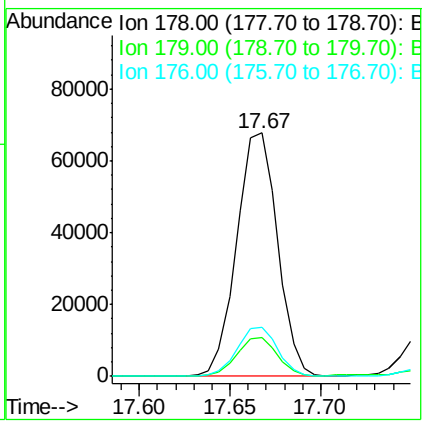


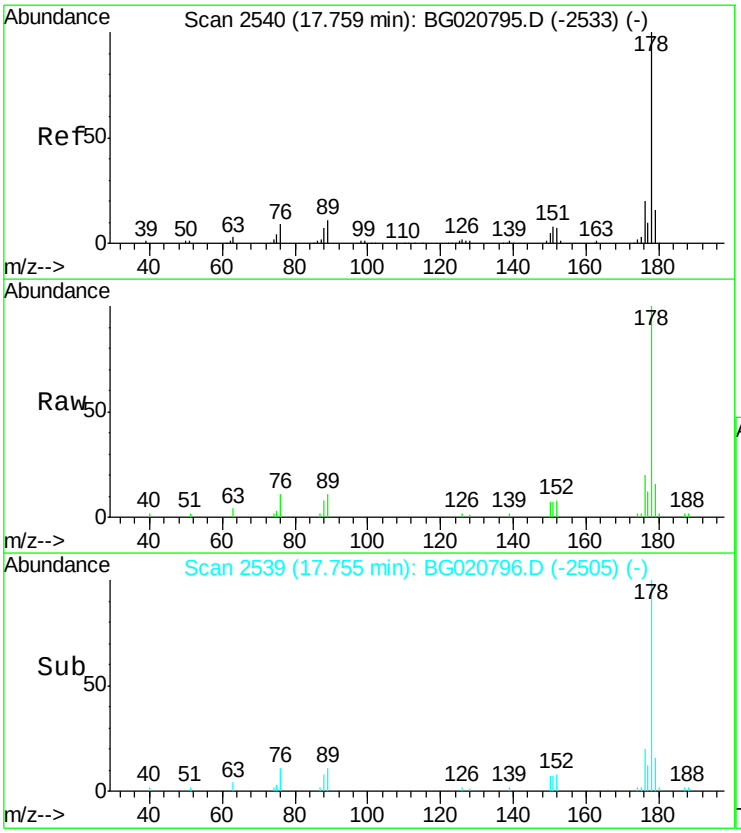
#70
Phenanthrene
Concen: 15.08 ng/ul
RT: 17.67 min Scan# 2524
Delta R.T. 0.00 min
Lab File: BG020796.D
Acq: 4 Feb 2016 21:45

Instrument :
BNA_G
ClientSampleId :
BBG16

Tgt Ion:178 Resp: 106387

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	19.9	15.4	23.0

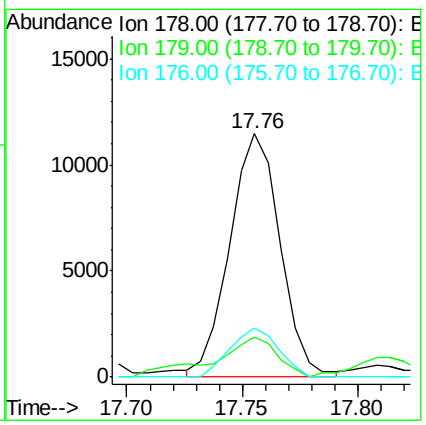


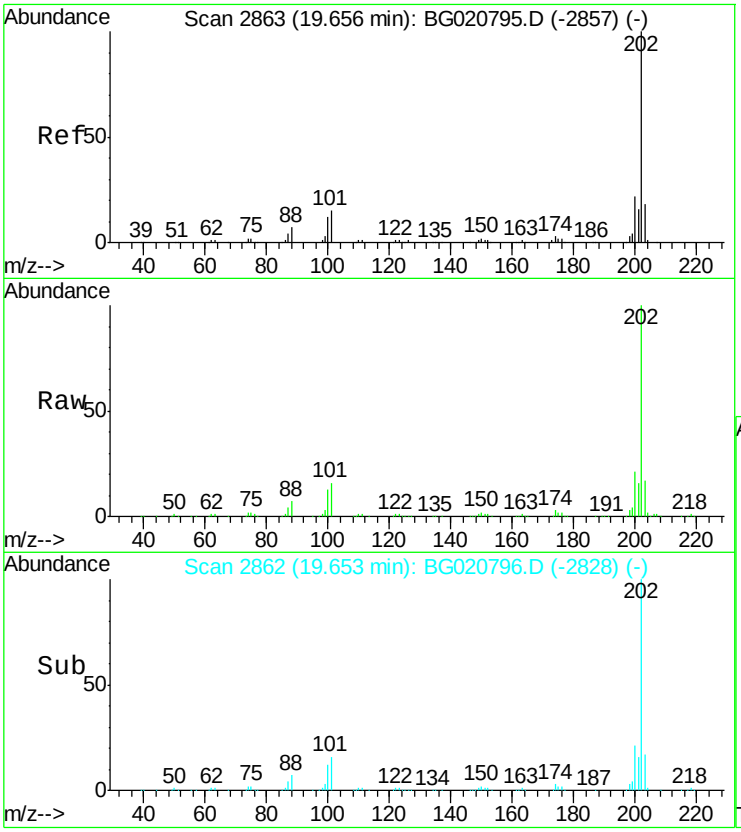


#72
Anthracene
Concen: 2.48 ng/ul
RT: 17.76 min Scan# 2539
Delta R.T. -0.00 min
Lab File: BG020796.D
Acq: 4 Feb 2016 21:45

Tgt Ion:178 Resp: 17486

Ion	Ratio	Lower	Upper
178	100		
179	16.3	13.4	20.2
176	20.1	15.4	23.0



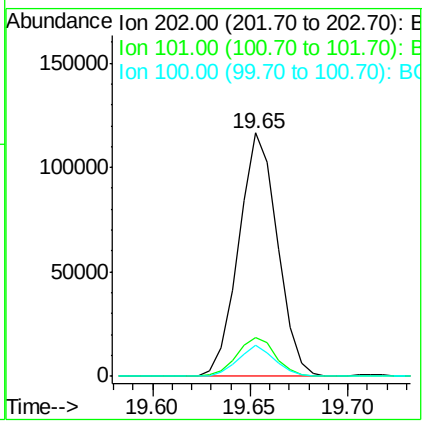


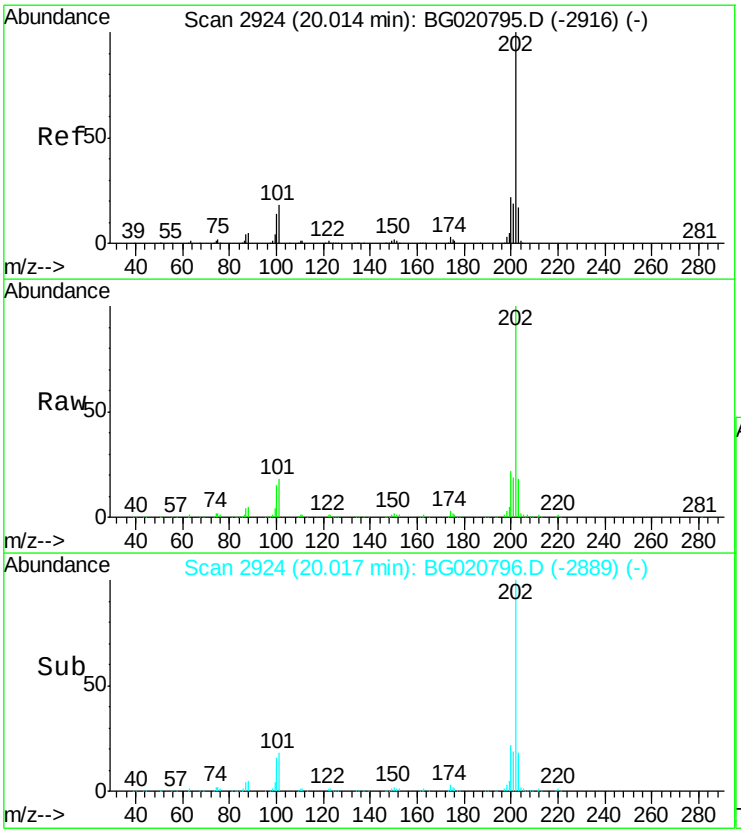
#77
Fluoranthene
Concen: 22.14 ng/ul
RT: 19.65 min Scan# 2862
Delta R.T. -0.00 min
Lab File: BG020796.D
Acq: 4 Feb 2016 21:45

Instrument :
BNA_G
ClientSampleId :
BBG16

Tgt Ion:202 Resp: 160454

Ion	Ratio	Lower	Upper
202	100		
101	15.9	6.1	9.1#
100	12.6	4.6	7.0#

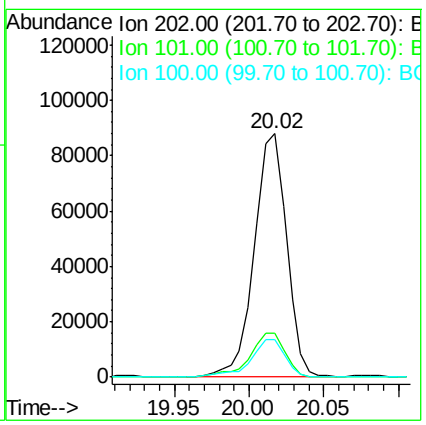


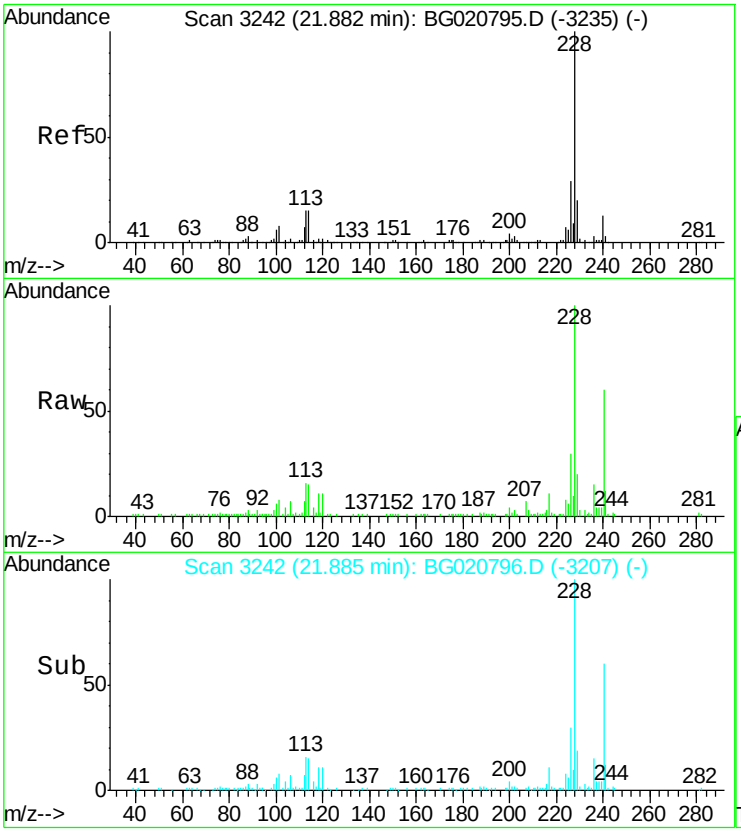


#80
Pyrene
Concen: 17.98 ng/ul
RT: 20.02 min Scan# 2924
Delta R.T. 0.00 min
Lab File: BG020796.D
Acq: 4 Feb 2016 21:45

Tgt Ion:202 Resp: 131561

Ion	Ratio	Lower	Upper
202	100		
101	18.1	6.9	10.3#
100	15.3	5.6	8.4#



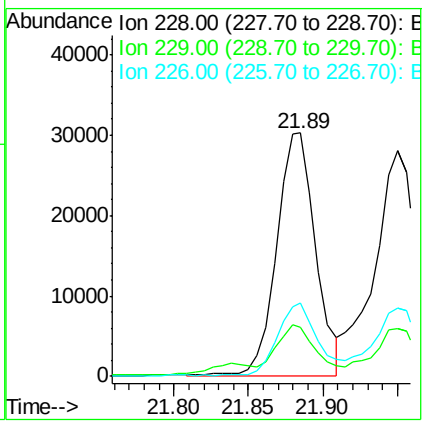


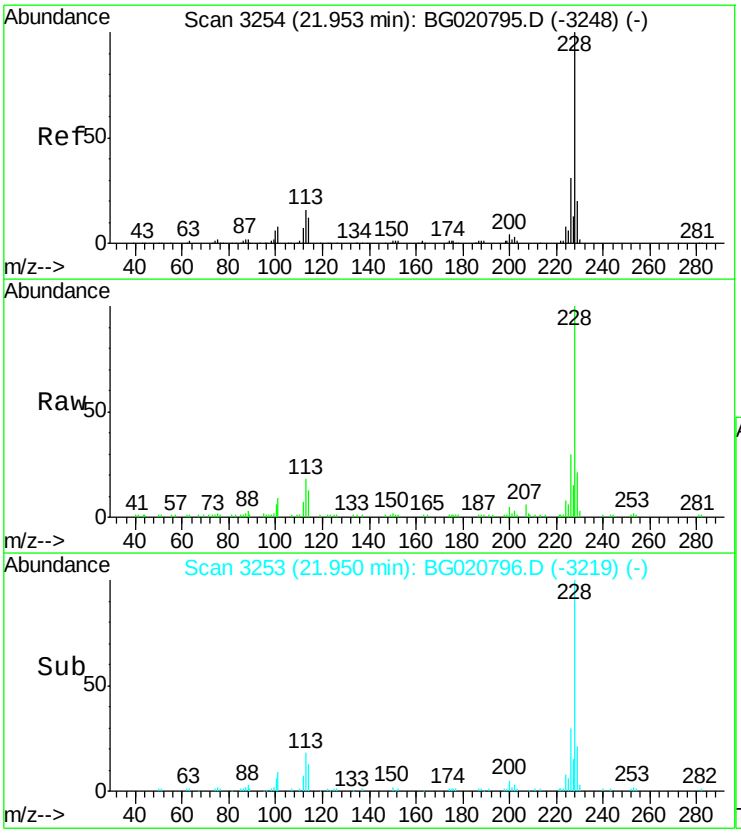
#83
Benzo(a)anthracene
Concen: 8.85 ng/ul
RT: 21.89 min Scan# 3242
Delta R.T. 0.00 min
Lab File: BG020796.D
Acq: 4 Feb 2016 21:45

Instrument :
BNA_G
ClientSampleId :
BBG16

Tgt Ion:228 Resp: 55190

Ion	Ratio	Lower	Upper
228	100		
229	20.0	16.0	24.0
226	30.1	21.8	32.8

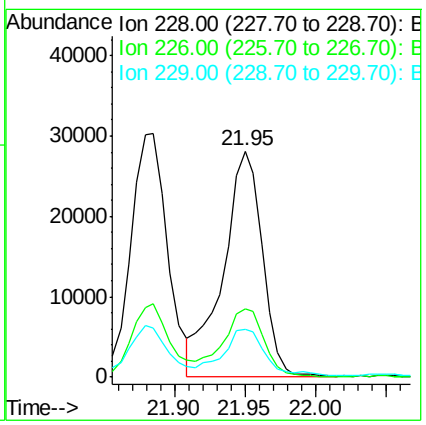


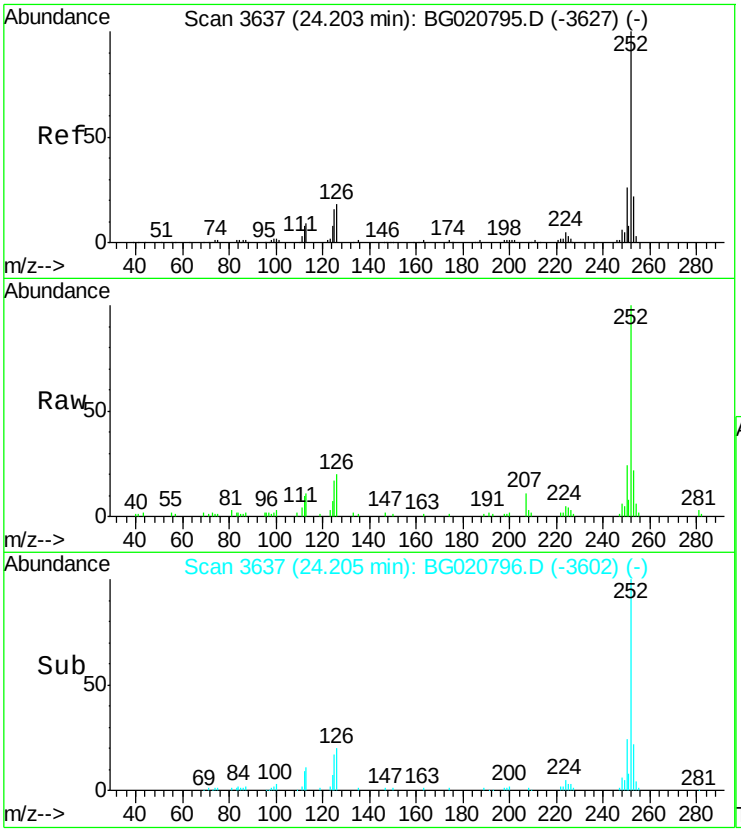


#85
Chrysene
Concen: 9.46 ng/ul
RT: 21.95 min Scan# 3253
Delta R.T. -0.00 min
Lab File: BG020796.D
Acq: 4 Feb 2016 21:45

Tgt Ion:228 Resp: 54755

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.1	36.1
229	21.4	16.0	24.0



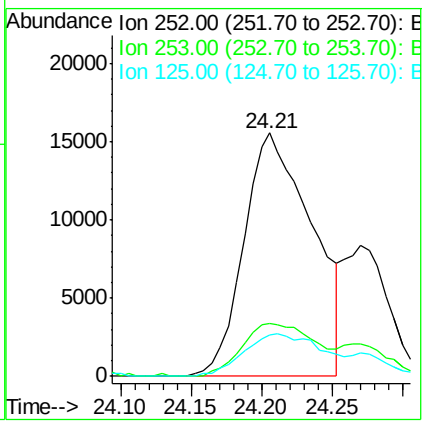


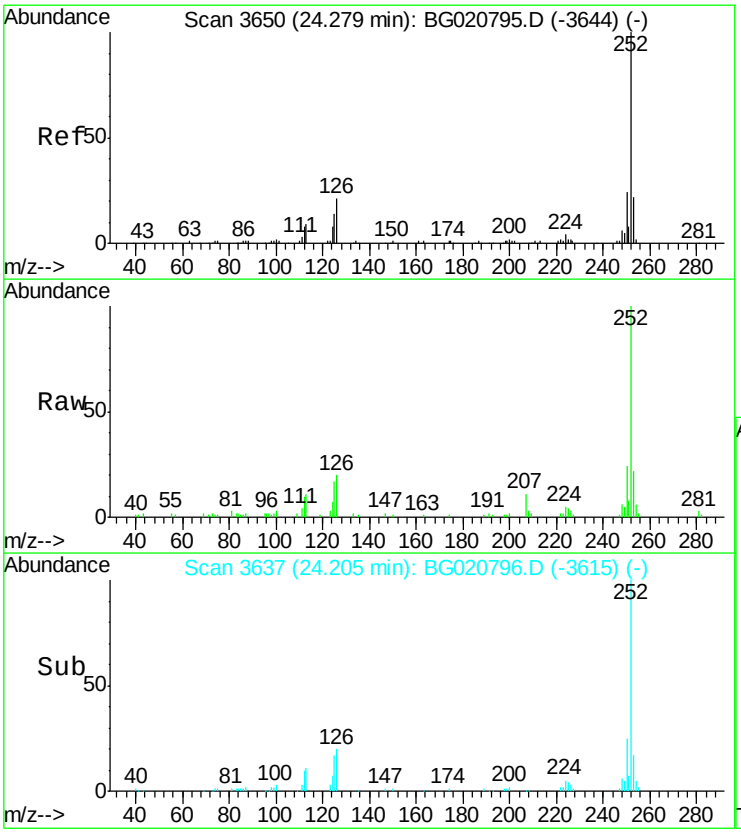
#88
Benzo(b)fluoranthene
Concen: 8.82 ng/ul
RT: 24.21 min Scan# 3637
Delta R.T. 0.00 min
Lab File: BG020796.D
Acq: 4 Feb 2016 21:45

Instrument :
BNA_G
ClientSampleId :
BBG16

Tgt Ion:252 Resp: 52402

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	16.9	4.9	7.3#

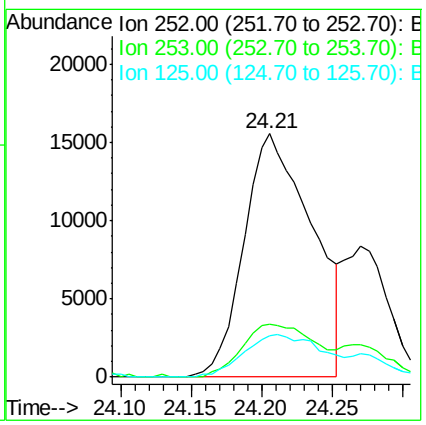


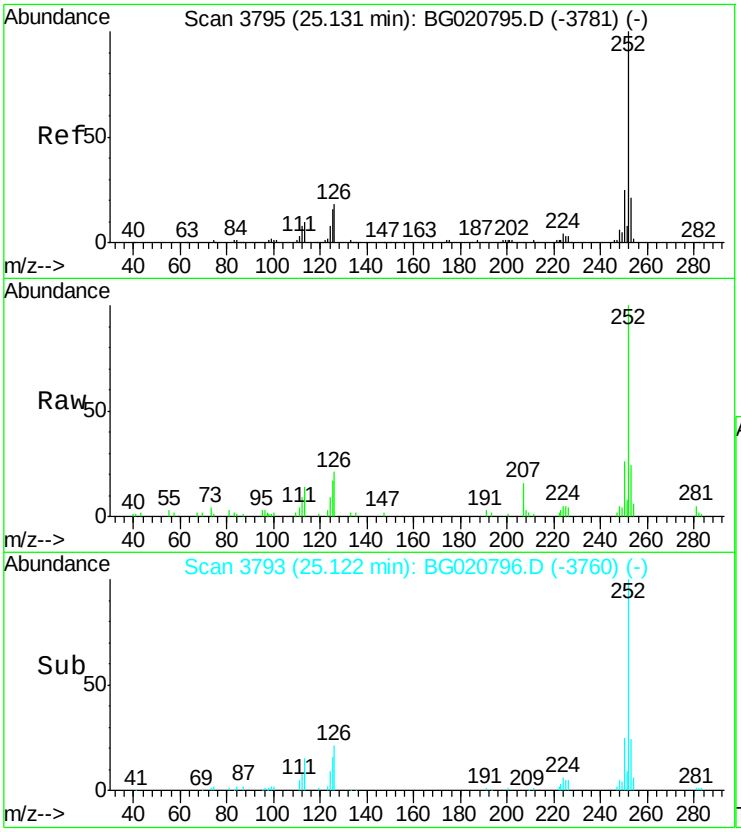


#89
Benzo(k)fluoranthene
Concen: 9.01 ng/ul
RT: 24.21 min Scan# 3637
Delta R.T. -0.07 min
Lab File: BG020796.D
Acq: 4 Feb 2016 21:45

Tgt Ion:252 Resp: 52402

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	16.9	5.4	8.0#



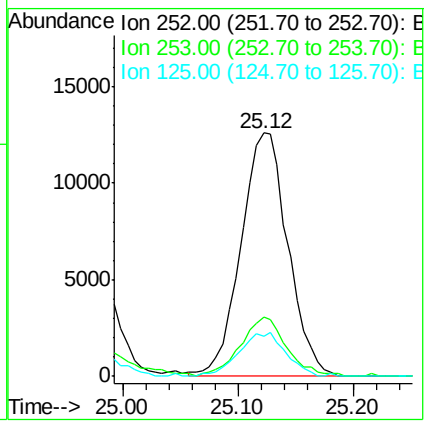


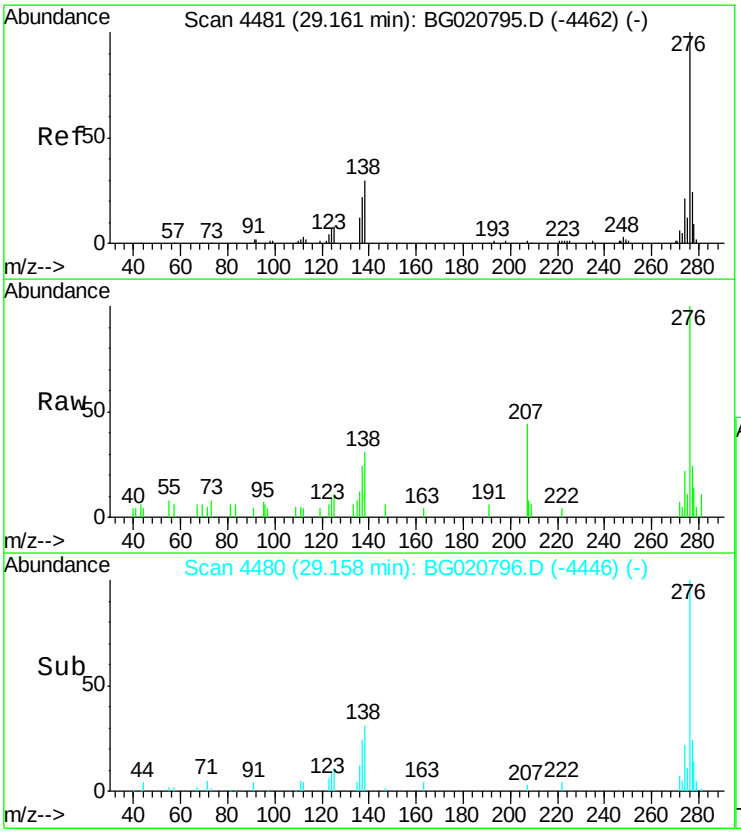
#91
Benzo(a)pyrene
Concen: 6.27 ng/ul
RT: 25.12 min Scan# 3793
Delta R.T. -0.01 min
Lab File: BG020796.D
Acq: 4 Feb 2016 21:45

Instrument :
BNA_G
ClientSampleId :
BBG16

Tgt Ion:252 Resp: 35612

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.2	25.8
125	16.6	5.8	8.6#

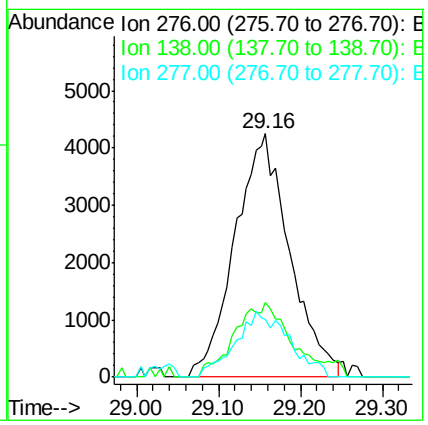


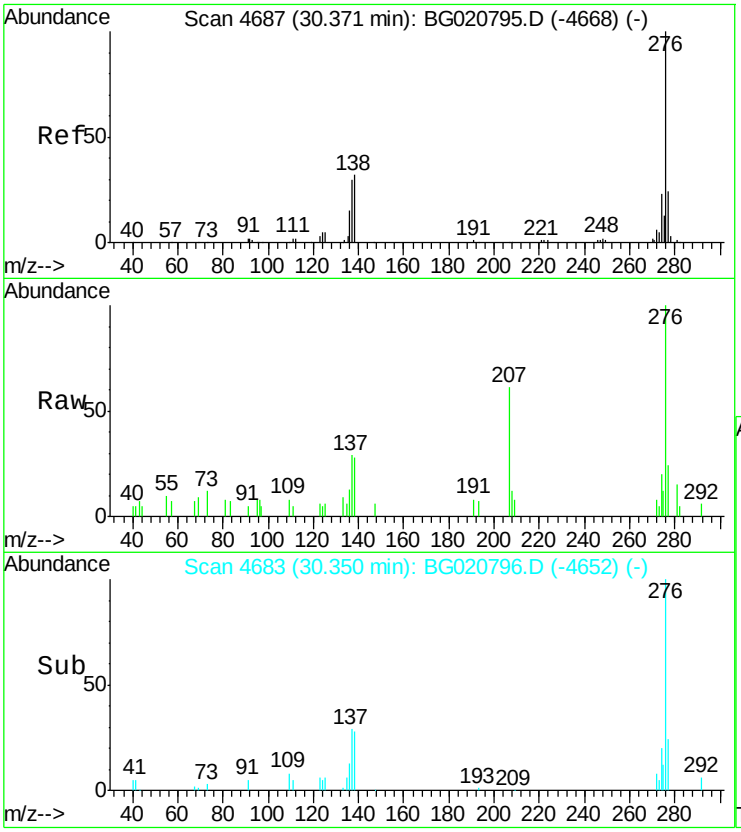


#92
Indeno(1,2,3-cd)pyrene
Concen: 2.96 ng/ul
RT: 29.16 min Scan# 4480
Delta R.T. -0.00 min
Lab File: BG020796.D
Acq: 4 Feb 2016 21:45

Tgt Ion:276 Resp: 19680

Ion	Ratio	Lower	Upper
276	100		
138	30.7	10.9	16.3#
277	23.8	18.9	28.3





#94
Benzo(g,h,i)perylene
Concen: 1.84 ng/ul
RT: 30.35 min Scan# 4683
Delta R.T. -0.02 min
Lab File: BG020796.D
Acq: 4 Feb 2016 21:45

Instrument :
BNA_G
ClientSampleId :
BBG16

Tgt Ion:276 Resp: 10022

Ion	Ratio	Lower	Upper
276	100		
138	27.6	11.2	16.8#
277	23.8	19.0	28.6