Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011316\
Data File : BG020712.D
Acq On : 13 Jan 2016 22:20
Operator : SJ/IZ
Sample : H1096-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC9C3

Quant Time: Jan 14 10:12:43 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 13 07:56:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	16297	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	70087	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	50845	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	132396	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	160467	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	149803	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	1229	3.68	ng/uL	0.00
5) Phenol-d5	7.21	99	24473	17.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	16528	19.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	22044	20.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	19288	16.37	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	11774	21.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	13539	21.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	23558	19.26	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	29178	24.10	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	92985	20.96	ng/ul	0.00
47) Acenaphthylene-d8	14.37	160	106995	21.47	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	7516	12.61	ng/ul	0.00
58) Fluorene-d10	15.67	176	86441	21.85	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	12731	17.68	ng/ul	0.00
71) Anthracene-d10	17.52	188	142135	21.90	ng/ul	0.00
79) Pyrene-d10	19.81	212	177071	23.20	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.73	264	184552	23.11	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	14.13	163	34424	7.22	ng/ul	99
70) Phenanthrene	17.47	178	9597	1.22	ng/ul	94
77) Fluoranthene	19.48	202	20251	2.11	ng/ul	99
80) Pyrene	19.84	202	27629	2.72	ng/ul	97
83) Benzo(a)anthracene	21.68	228	13280	1.33	ng/ul	99
85) Chrysene	21.75	228	14866	1.57	ng/ul	99
88) Benzo(b)fluoranthene	23.92	252	13370	1.39	ng/ul#	94
91) Benzo(a)pyrene	24.79	252	11317	1.22	ng/ul	97

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

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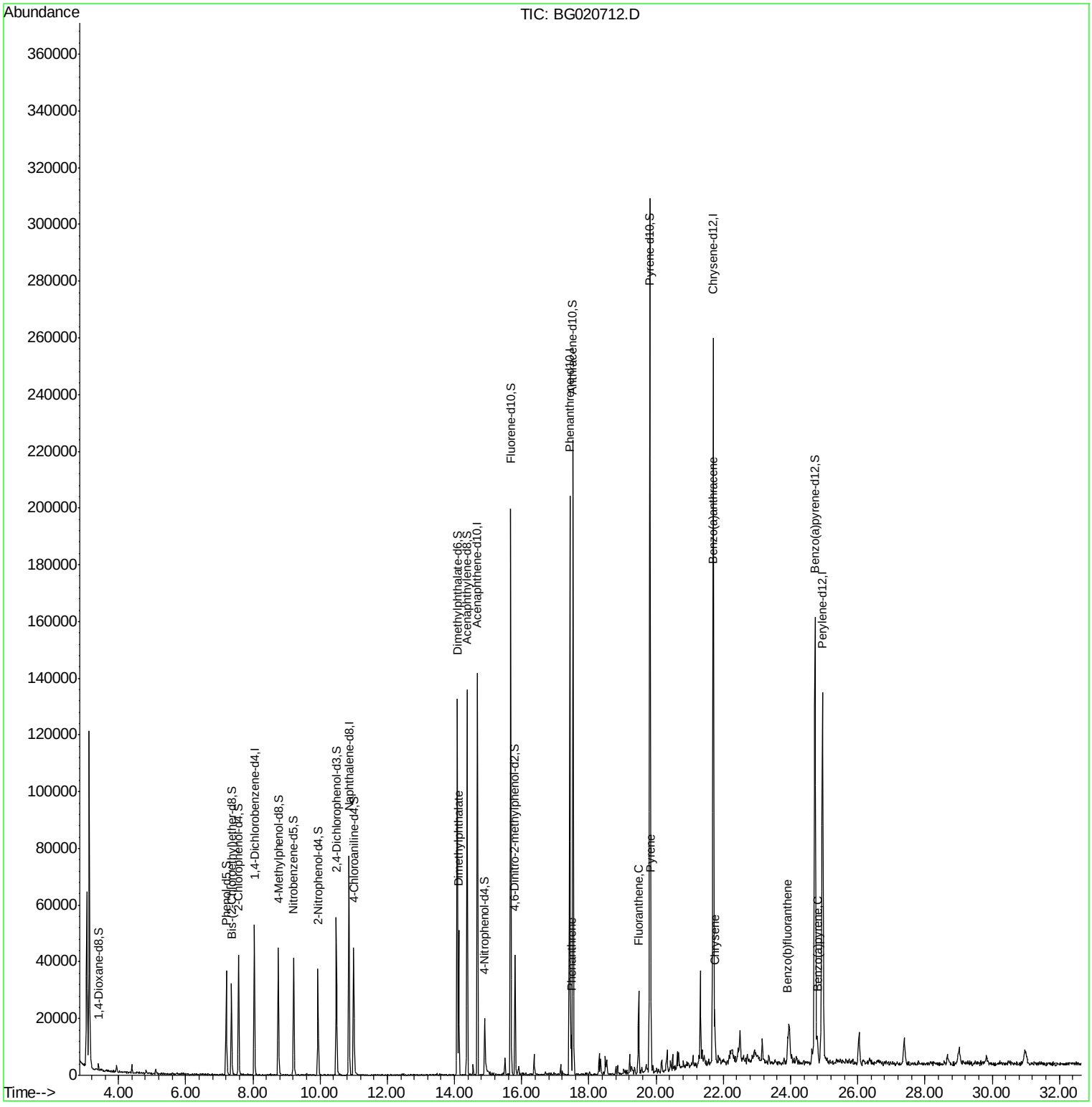
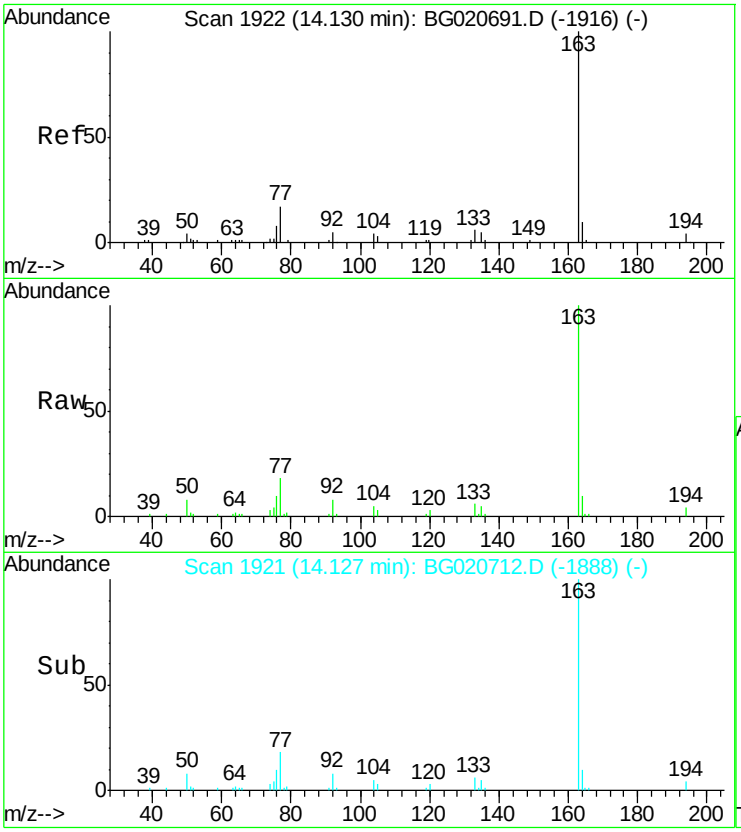


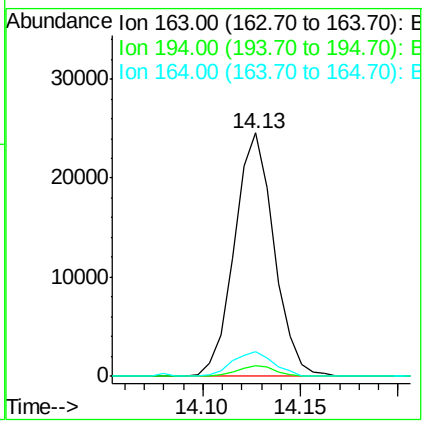


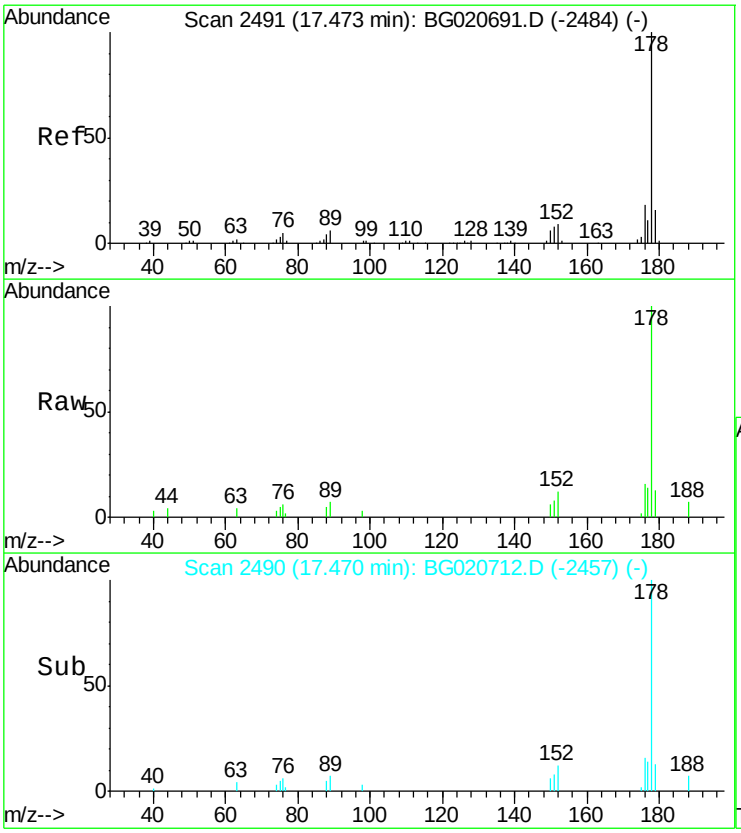
#45
Dimethylphthalate
Concen: 7.22 ng/ul
RT: 14.13 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BG020712.D
Acq: 13 Jan 2016 22:20

Instrument :
BNA_G
ClientSampleId :
BC9C3

Tgt Ion:163 Resp: 34424

Ion	Ratio	Lower	Upper
163	100		
194	4.2	4.0	6.0
164	10.1	8.4	12.6

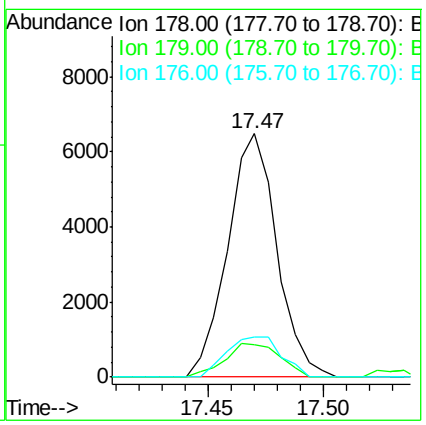


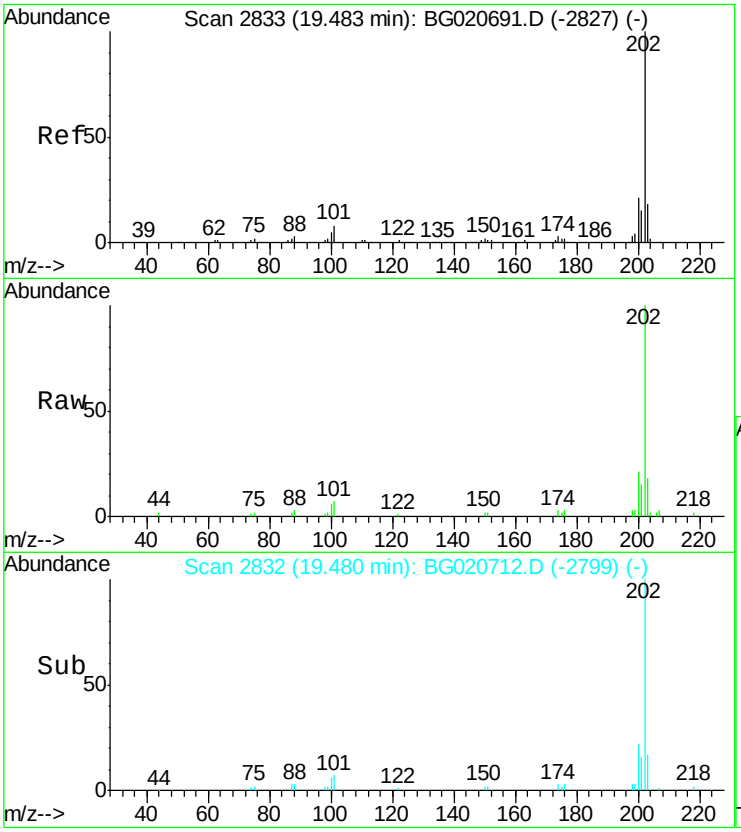


#70
Phenanthrene
Concen: 1.22 ng/ul
RT: 17.47 min Scan# 2490
Delta R.T. -0.00 min
Lab File: BG020712.D
Acq: 13 Jan 2016 22:20

Tgt Ion:178 Resp: 9597

Ion	Ratio	Lower	Upper
178	100		
179	13.2	12.3	18.5
176	16.4	15.4	23.0



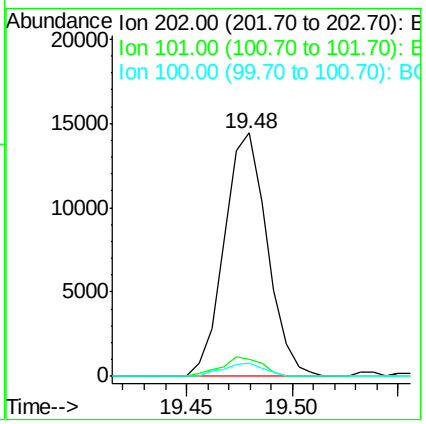


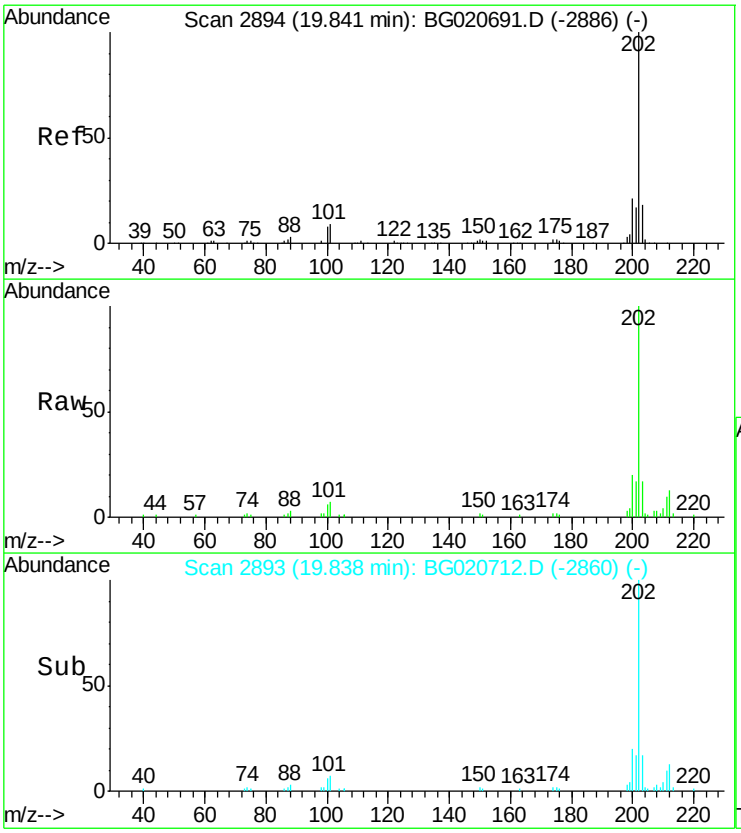
#77
Fluoranthene
Concen: 2.11 ng/ul
RT: 19.48 min Scan# 2832
Delta R.T. -0.00 min
Lab File: BG020712.D
Acq: 13 Jan 2016 22:20

Instrument :
BNA_G
ClientSampleId :
BC9C3

Tgt Ion:202 Resp: 20251

Ion	Ratio	Lower	Upper
202	100		
101	6.9	6.1	9.1
100	5.6	4.6	7.0

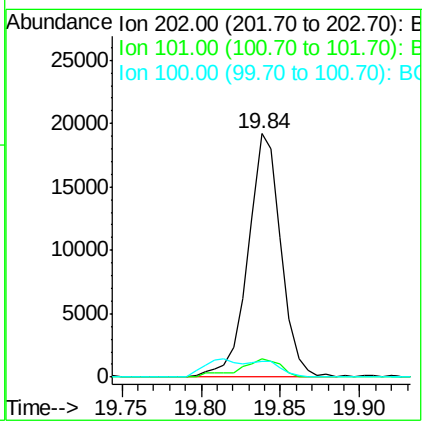


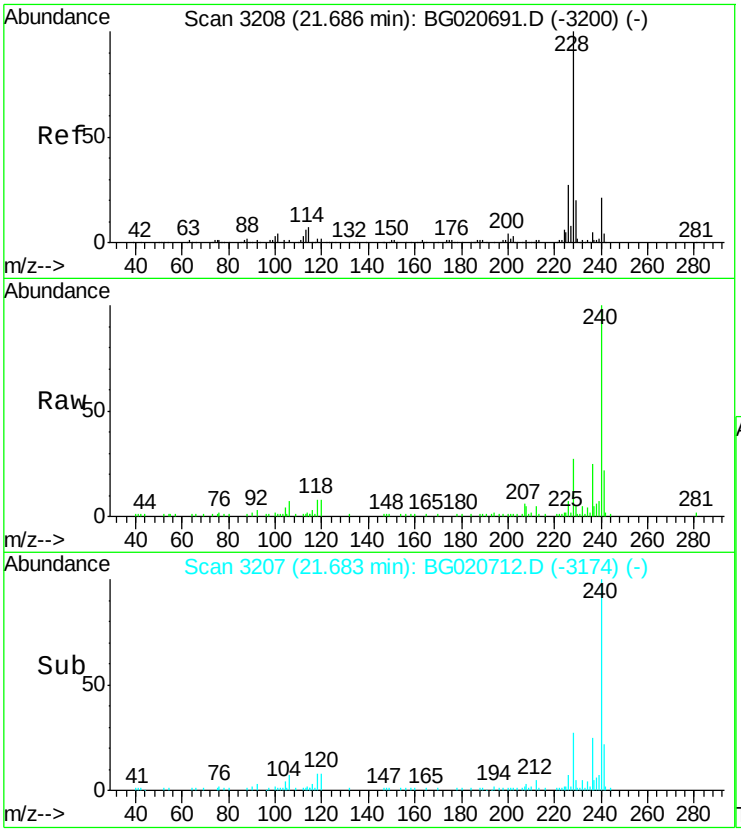


#80
Pyrene
Concen: 2.72 ng/ul
RT: 19.84 min Scan# 2893
Delta R.T. -0.00 min
Lab File: BG020712.D
Acq: 13 Jan 2016 22:20

Tgt Ion:202 Resp: 27629

Ion	Ratio	Lower	Upper
202	100		
101	7.3	6.9	10.3
100	6.4	5.6	8.4



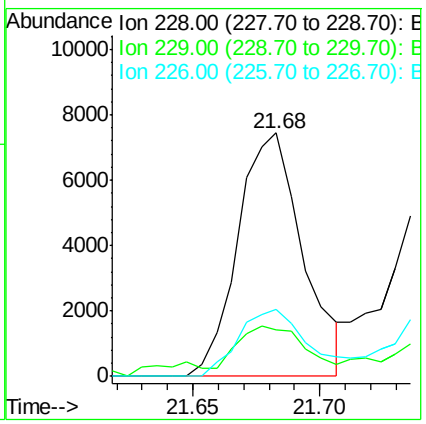


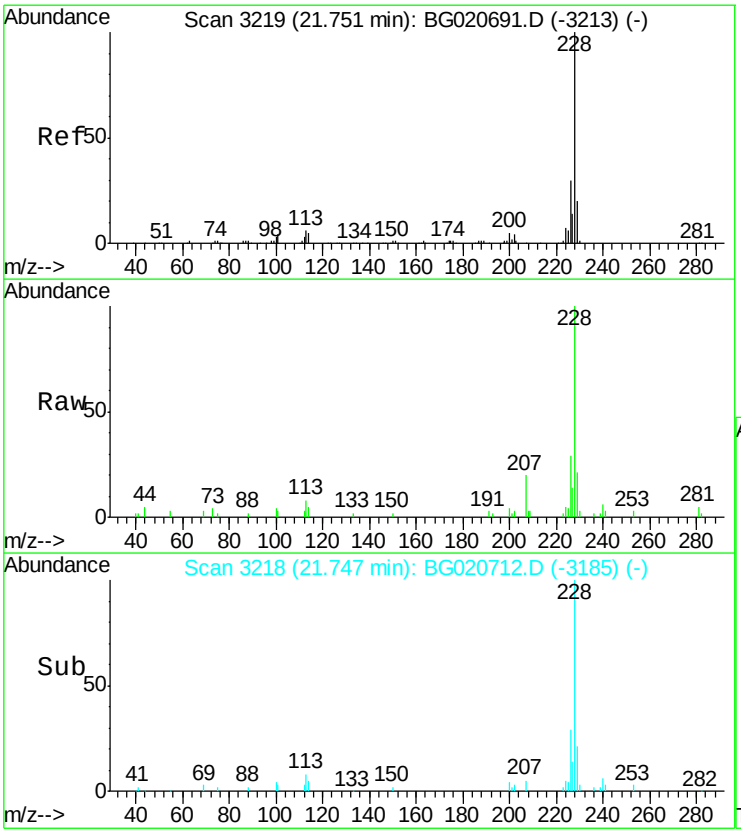
#83
Benzo(a)anthracene
Concen: 1.33 ng/ul
RT: 21.68 min Scan# 3207
Delta R.T. -0.00 min
Lab File: BG020712.D
Acq: 13 Jan 2016 22:20

Instrument :
BNA_G
ClientSampleId :
BC9C3

Tgt Ion:228 Resp: 13280

Ion	Ratio	Lower	Upper
228	100		
229	18.9	16.0	24.0
226	27.5	21.8	32.8

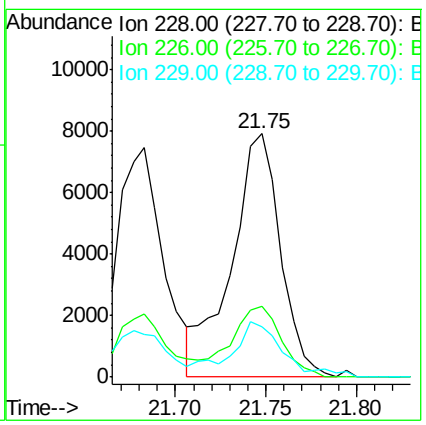


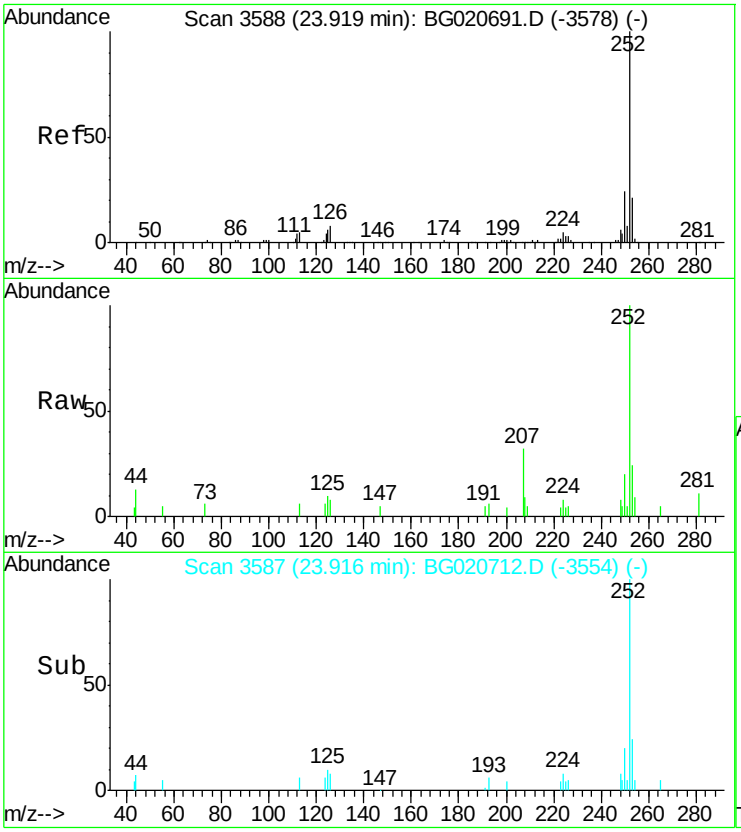


#85
Chrysene
Concen: 1.57 ng/ul
RT: 21.75 min Scan# 3218
Delta R.T. -0.00 min
Lab File: BG020712.D
Acq: 13 Jan 2016 22:20

Tgt Ion:228 Resp: 14866

Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.1	36.1
229	20.6	16.0	24.0



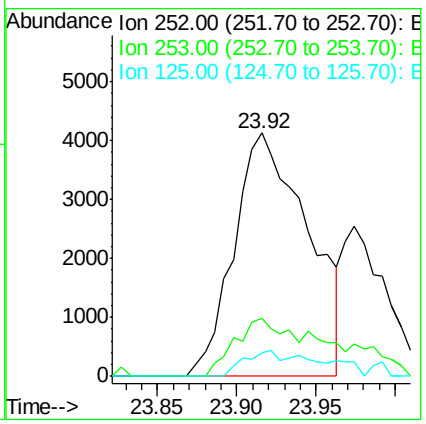


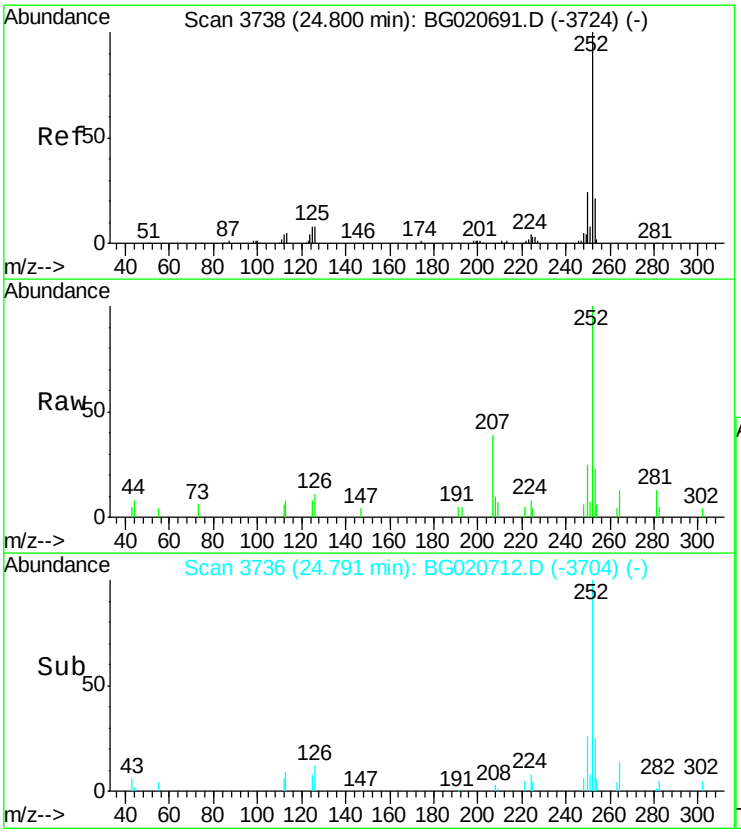
#88
Benzo(b)fluoranthene
Concen: 1.39 ng/ul
RT: 23.92 min Scan# 3587
Delta R.T. -0.00 min
Lab File: BG020712.D
Acq: 13 Jan 2016 22:20

Instrument :
BNA_G
ClientSampleId :
BC9C3

Tgt Ion:252 Resp: 13370

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.4	26.0
125	9.7	4.9	7.3#





#91
Benzo(a)pyrene
Concen: 1.22 ng/ul
RT: 24.79 min Scan# 3736
Delta R.T. -0.01 min
Lab File: BG020712.D
Acq: 13 Jan 2016 22:20

Tgt Ion:252 Resp: 11317

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.2	25.8
125	7.5	5.8	8.6