Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011316\
Data File : BG020710.D
Acq On : 13 Jan 2016 21:02
Operator : SJ/IZ
Sample : H1096-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BC9C1

Manual Integrations APPROVED
MMdadoda
1/14/2016 5:57:42 PM

Quant Time: Jan 14 09:58:04 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	14767	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	65175	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	47614	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	130693	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	161343	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	150856	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	948	3.14	ng/uL	0.00
5) Phenol-d5	7.20	99	22004	17.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.37	67	14704	19.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	18250	18.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	16804	15.74	ng/ul	0.00
19) Nitrobenzene-d5	9.21	128	9758	18.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	11667	19.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	20860	18.34	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	22766	20.22	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	82364	19.82	ng/ul	0.00
47) Acenaphthylene-d8	14.37	160	93276	19.99	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	8359m	14.98	ng/ul	0.00
58) Fluorene-d10	15.67	176	75306	20.33	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	11241	15.81	ng/ul	0.00
71) Anthracene-d10	17.52	188	127349	19.88	ng/ul	0.00
79) Pyrene-d10	19.81	212	157158	20.48	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.73	264	164702	20.48	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	14.13	163	35199	7.88	ng/ul	98
70) Phenanthrene	17.47	178	13950	1.79	ng/ul	94
77) Fluoranthene	19.48	202	30418	3.22	ng/ul#	97
80) Pyrene	19.84	202	39500	3.86	ng/ul	98
83) Benzo(a)anthracene	21.68	228	19190	1.91	ng/ul	94
85) Chrysene	21.75	228	21144	2.22	ng/ul	98
88) Benzo(b)fluoranthene	23.92	252	20428	2.10	ng/ul#	95
91) Benzo(a)pyrene	24.79	252	16544	1.77	ng/ul#	92

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

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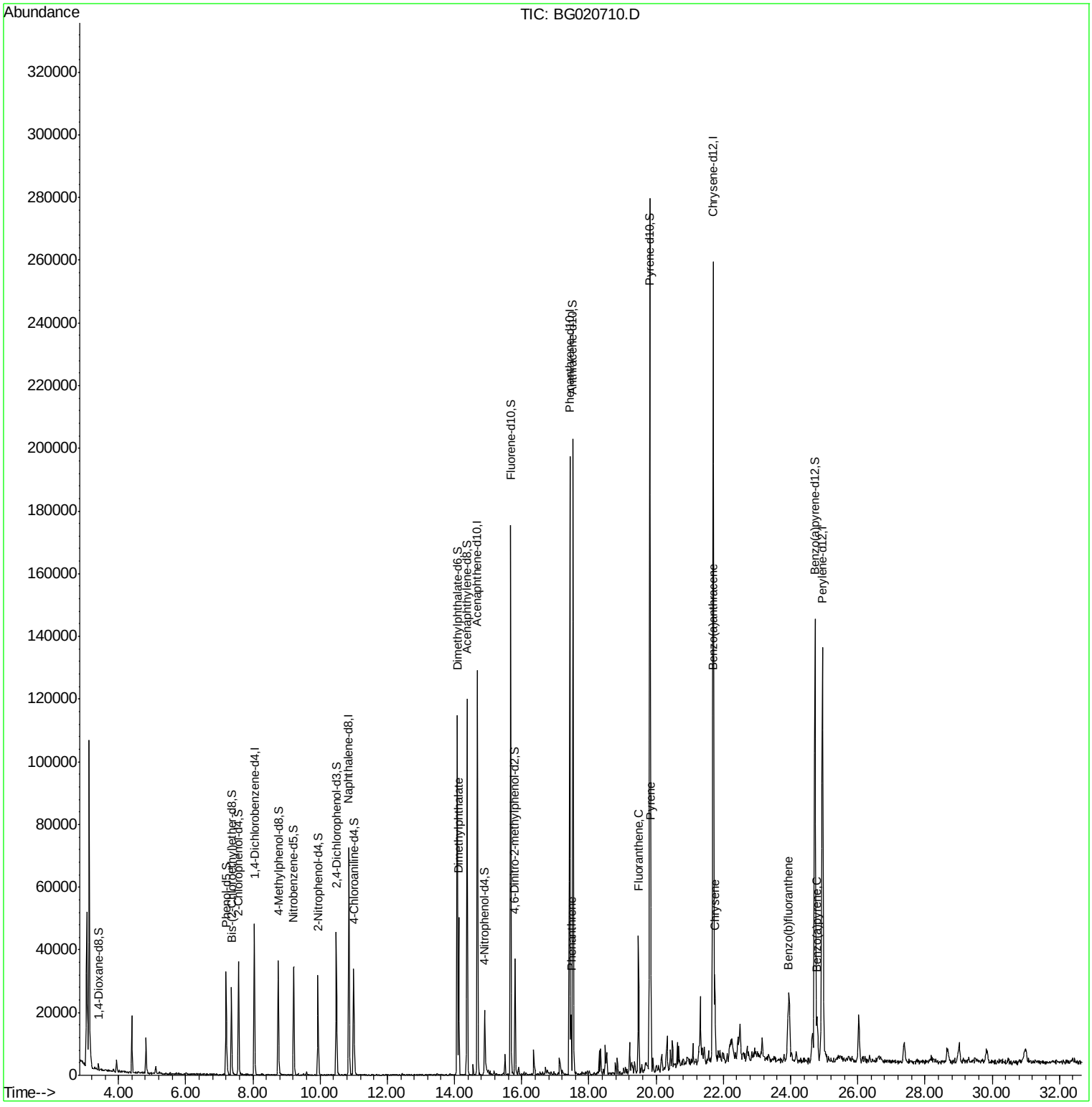
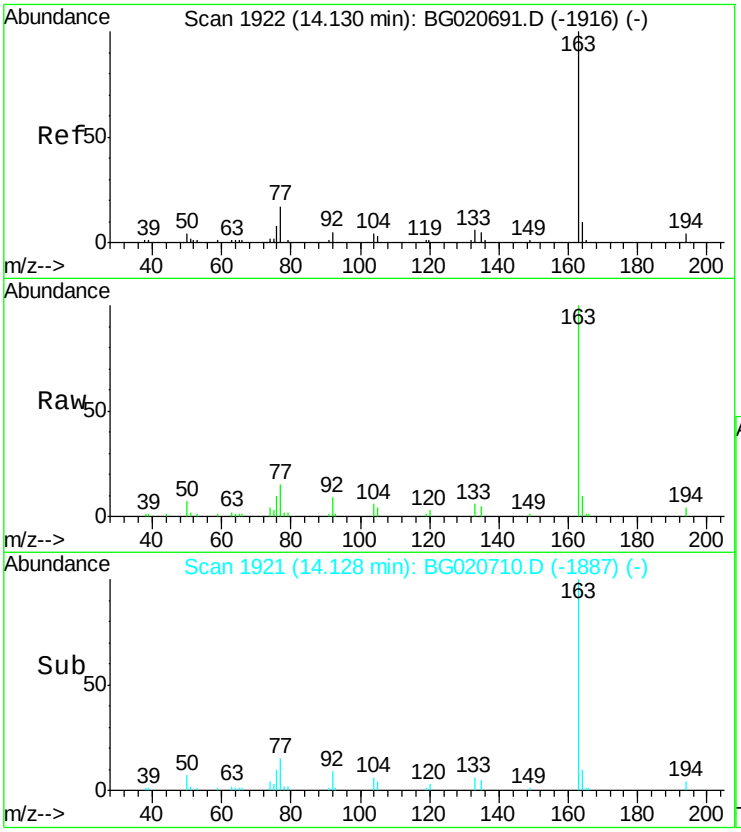
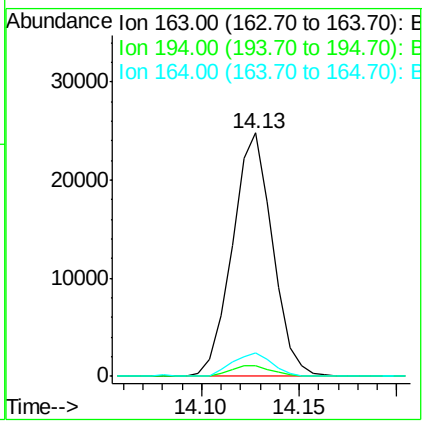




#45
Dimethylphthalate
Concen: 7.88 ng/ul
RT: 14.13 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BG020710.D
Acq: 13 Jan 2016 21:02

Tgt Ion:163 Resp: 35199

Ion	Ratio	Lower	Upper
163	100		
194	4.5	4.0	6.0
164	9.7	8.4	12.6



Instrument :
BNA_G
ClientSampleId :
BC9C1

Manual Integrations APPROVED
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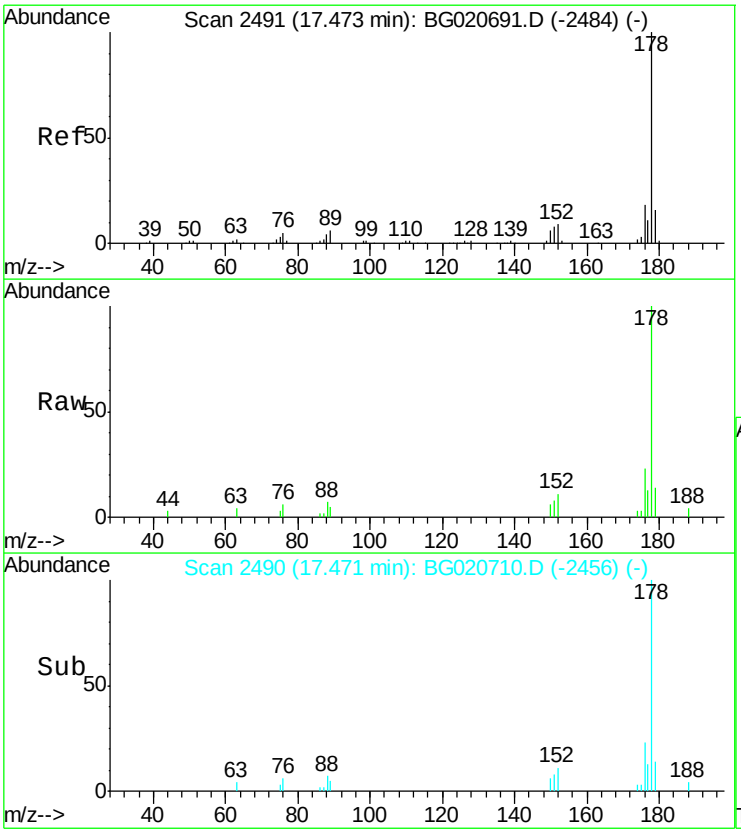
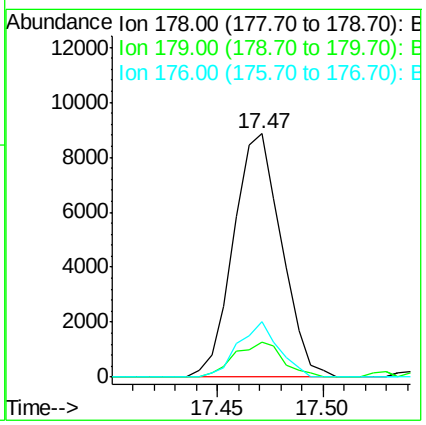
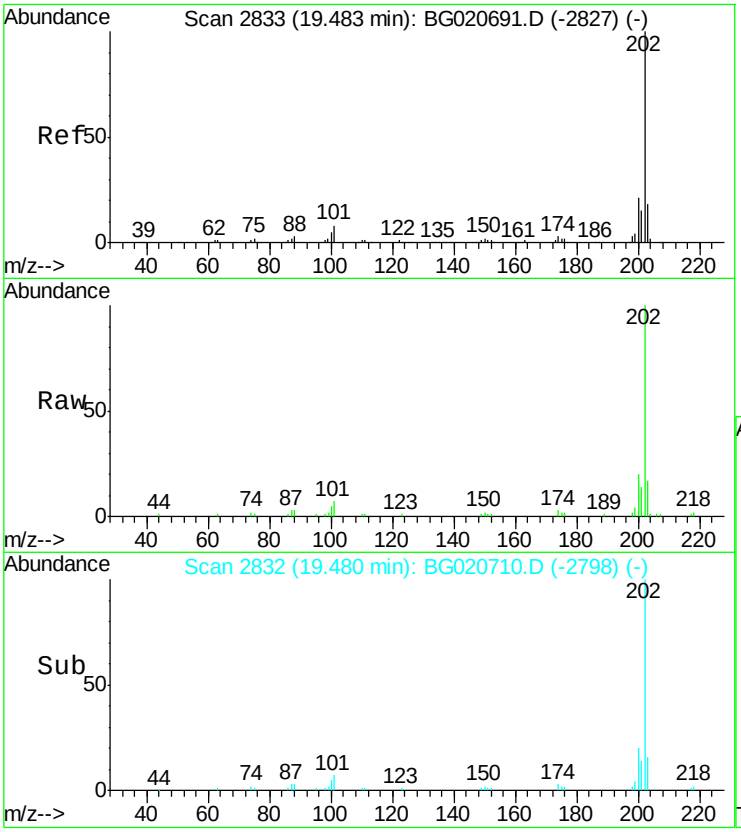


#70
Phenanthrene
Concen: 1.79 ng/ul
RT: 17.47 min Scan# 2490
Delta R.T. -0.00 min
Lab File: BG020710.D
Acq: 13 Jan 2016 21:02

Tgt Ion:178 Resp: 13950

Ion	Ratio	Lower	Upper
178	100		
179	14.3	12.3	18.5
176	22.8	15.4	23.0





#77
Fluoranthene
Concen: 3.22 ng/ul
RT: 19.48 min Scan# 2832
Delta R.T. -0.00 min
Lab File: BG020710.D
Acq: 13 Jan 2016 21:02

Tgt Ion:202 Resp: 30418

Ion	Ratio	Lower	Upper
202	100		
101	6.7	6.1	9.1
100	4.6	4.6	7.0#

Instrument :
BNA_G
ClientSampleId :
BC9C1

Manual Integrations APPROVED
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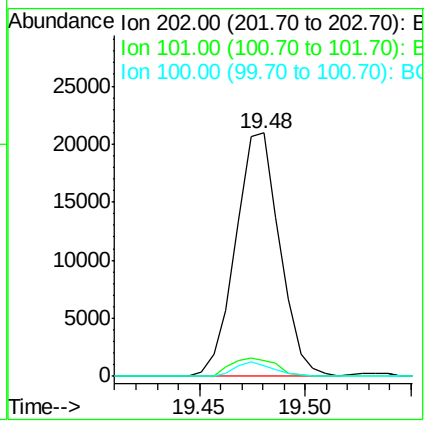
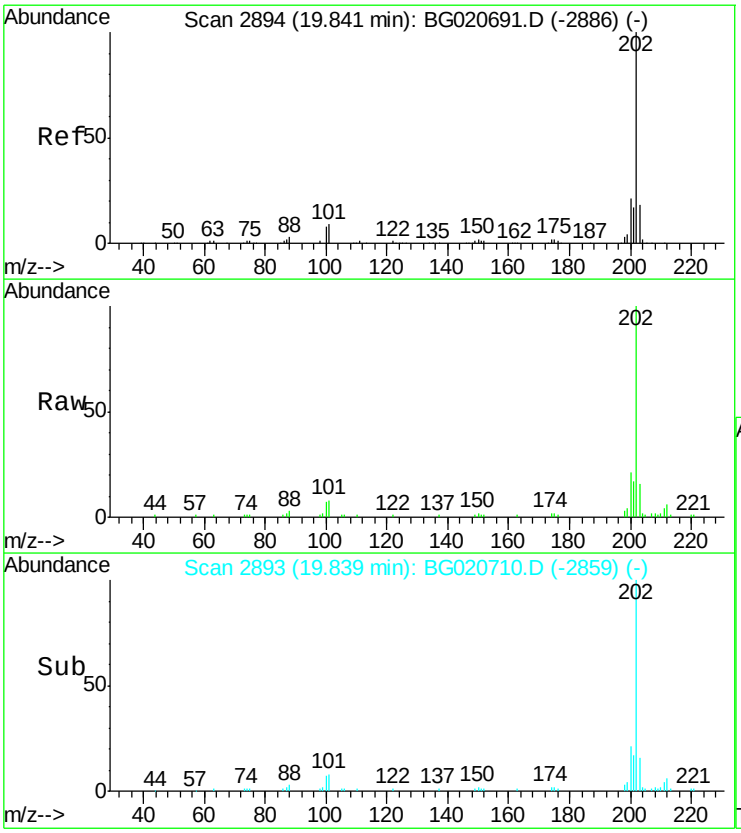
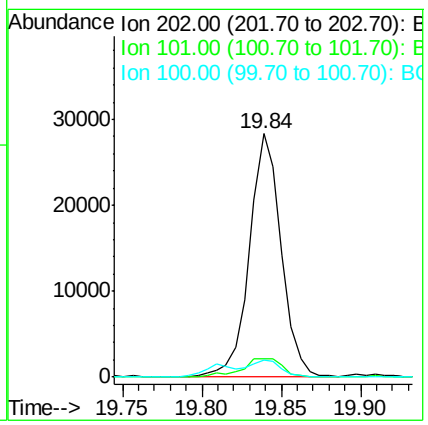


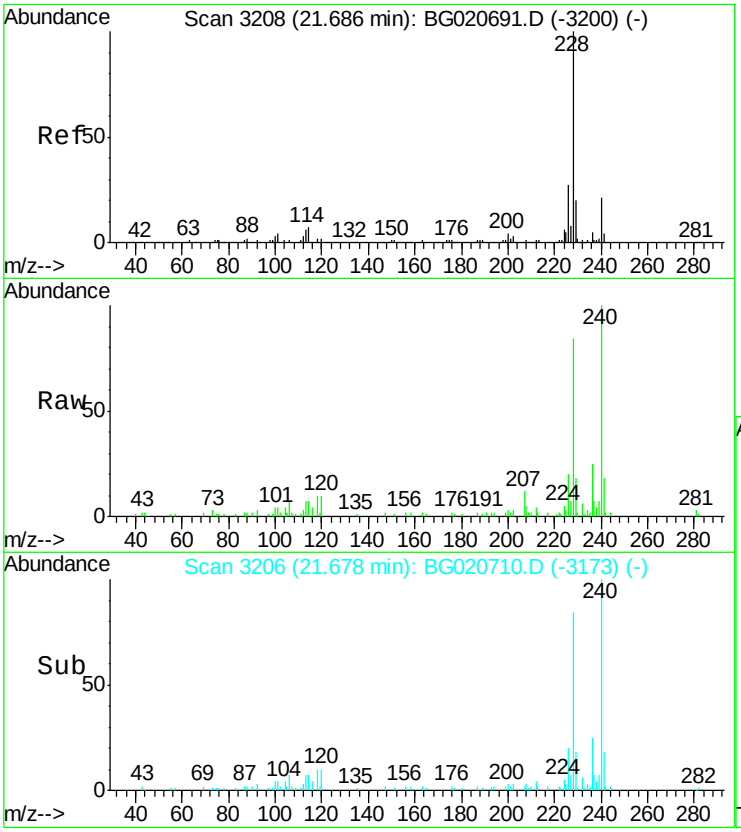


#80
Pyrene
Concen: 3.86 ng/ul
RT: 19.84 min Scan# 2893
Delta R.T. -0.00 min
Lab File: BG020710.D
Acq: 13 Jan 2016 21:02

Tgt Ion:202 Resp: 39500

Ion	Ratio	Lower	Upper
202	100		
101	7.6	6.9	10.3
100	7.2	5.6	8.4

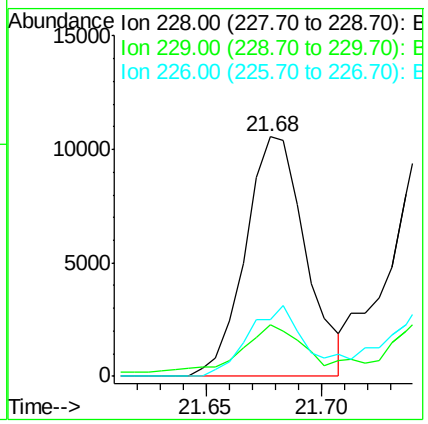




#83
Benzo(a)anthracene
Concen: 1.91 ng/ul
RT: 21.68 min Scan# 3206
Delta R.T. -0.01 min
Lab File: BG020710.D
Acq: 13 Jan 2016 21:02

Tgt Ion:228 Resp: 19190

Ion	Ratio	Lower	Upper
228	100		
229	21.8	16.0	24.0
226	23.8	21.8	32.8



Instrument :
BNA_G
ClientSampleId :
BC9C1

Manual Integrations APPROVED
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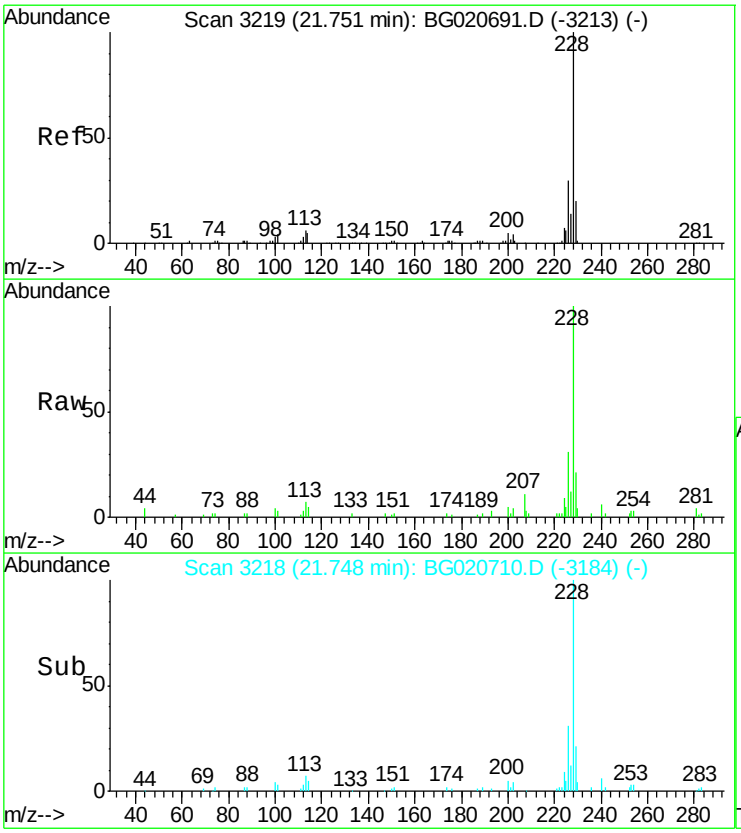
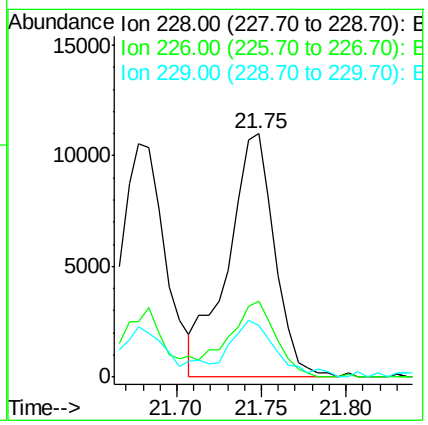
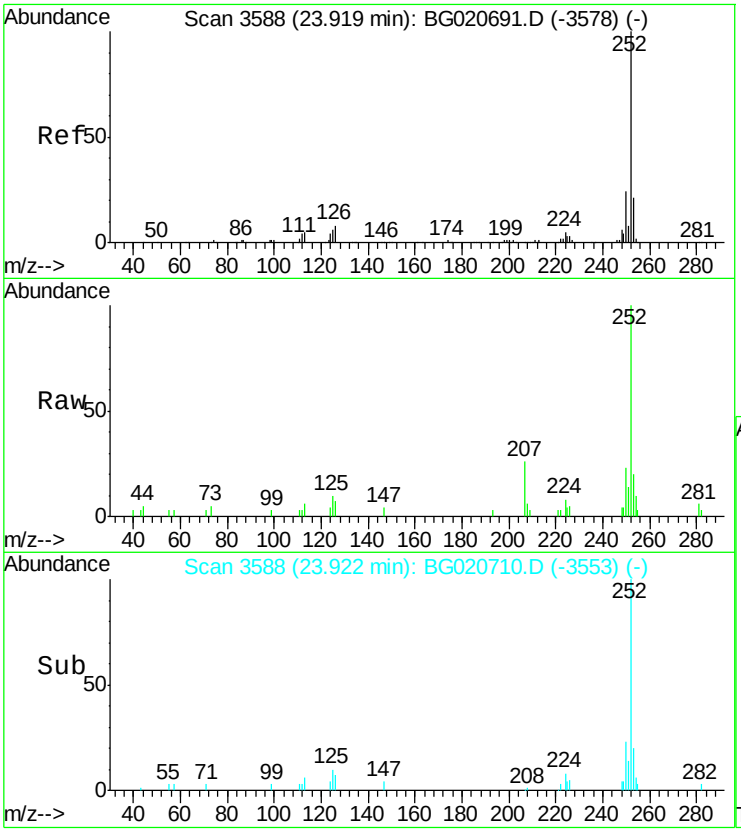


#85
Chrysene
Concen: 2.22 ng/ul
RT: 21.75 min Scan# 3218
Delta R.T. -0.00 min
Lab File: BG020710.D
Acq: 13 Jan 2016 21:02

Tgt Ion:228 Resp: 21144

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.1	36.1
229	21.0	16.0	24.0





#88
Benzo(b)fluoranthene
Concen: 2.10 ng/ul
RT: 23.92 min Scan# 3588
Delta R.T. 0.00 min
Lab File: BG020710.D
Acq: 13 Jan 2016 21:02

Tgt Ion:252 Resp: 20428

Ion	Ratio	Lower	Upper
252	100		
253	20.3	17.4	26.0
125	9.7	4.9	7.3#

Instrument :
BNA_G
ClientSampleId :
BC9C1

Manual Integrations APPROVED
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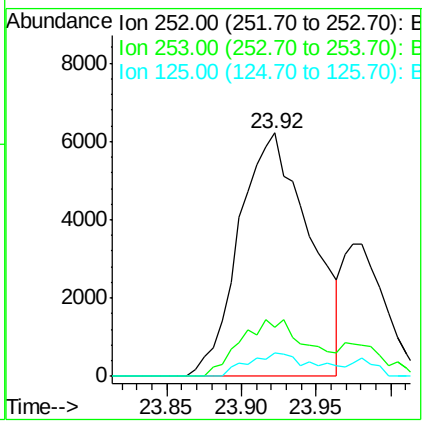
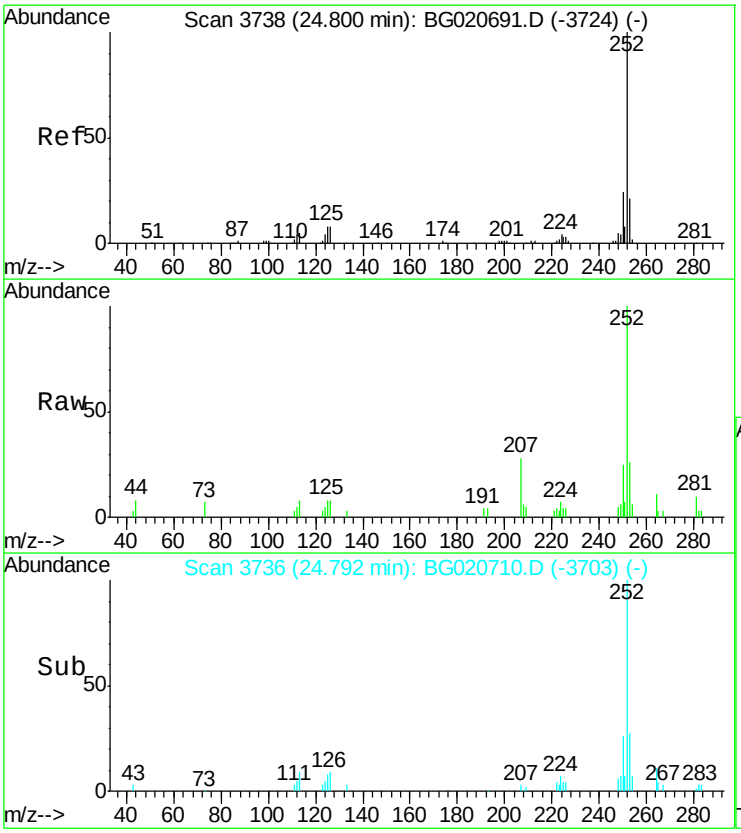
1/14/2016 5:57:42 PM





#91
Benzo(a)pyrene
Concen: 1.77 ng/ul
RT: 24.79 min Scan# 3736
Delta R.T. -0.01 min
Lab File: BG020710.D
Acq: 13 Jan 2016 21:02

Tgt Ion:252 Resp: 16544

Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.2	25.8#
125	8.1	5.8	8.6