Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020530.D
Acq On : 26 Dec 2015 8:15
Operator : UM/SJ
Sample : G4802-08
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9D83

Quant Time: Dec 28 01:10:40 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 28 00:23:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	14112	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	63895	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	48143	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	137724	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	168316	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	163737	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	774	3.02	ng/uL	0.00
5) Phenol-d5	7.23	99	20635	18.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	12938	19.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	16861	19.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.78	113	11456	12.02	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	9364	18.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	10603	18.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.51	165	19009	17.25	ng/ul	0.00
29) 4-Chloroaniline-d4	11.03	131	21015	16.69	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	80881	20.38	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	92266	20.07	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	7839	11.85	ng/ul	0.00
58) Fluorene-d10	15.70	176	74906	20.87	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	11294	12.37	ng/ul	0.00
71) Anthracene-d10	17.55	188	126494	19.61	ng/ul	0.00
79) Pyrene-d10	19.83	212	160038	21.96	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.76	264	169680	20.50	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	14.15	163	33896	8.40	ng/ul	98
59) Fluorene	15.75	166	4146	1.05	ng/ul	96
70) Phenanthrene	17.50	178	43135	5.63	ng/ul	100
77) Fluoranthene	19.50	202	38918	4.04	ng/ul	99
80) Pyrene	19.86	202	31753	3.34	ng/ul#	97
83) Benzo(a)anthracene	21.71	228	10393	1.05	ng/ul	95
85) Chrysene	21.77	228	11421	1.21	ng/ul	94
88) Benzo(b)fluoranthene	23.95	252	11263	1.15	ng/ul	94

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

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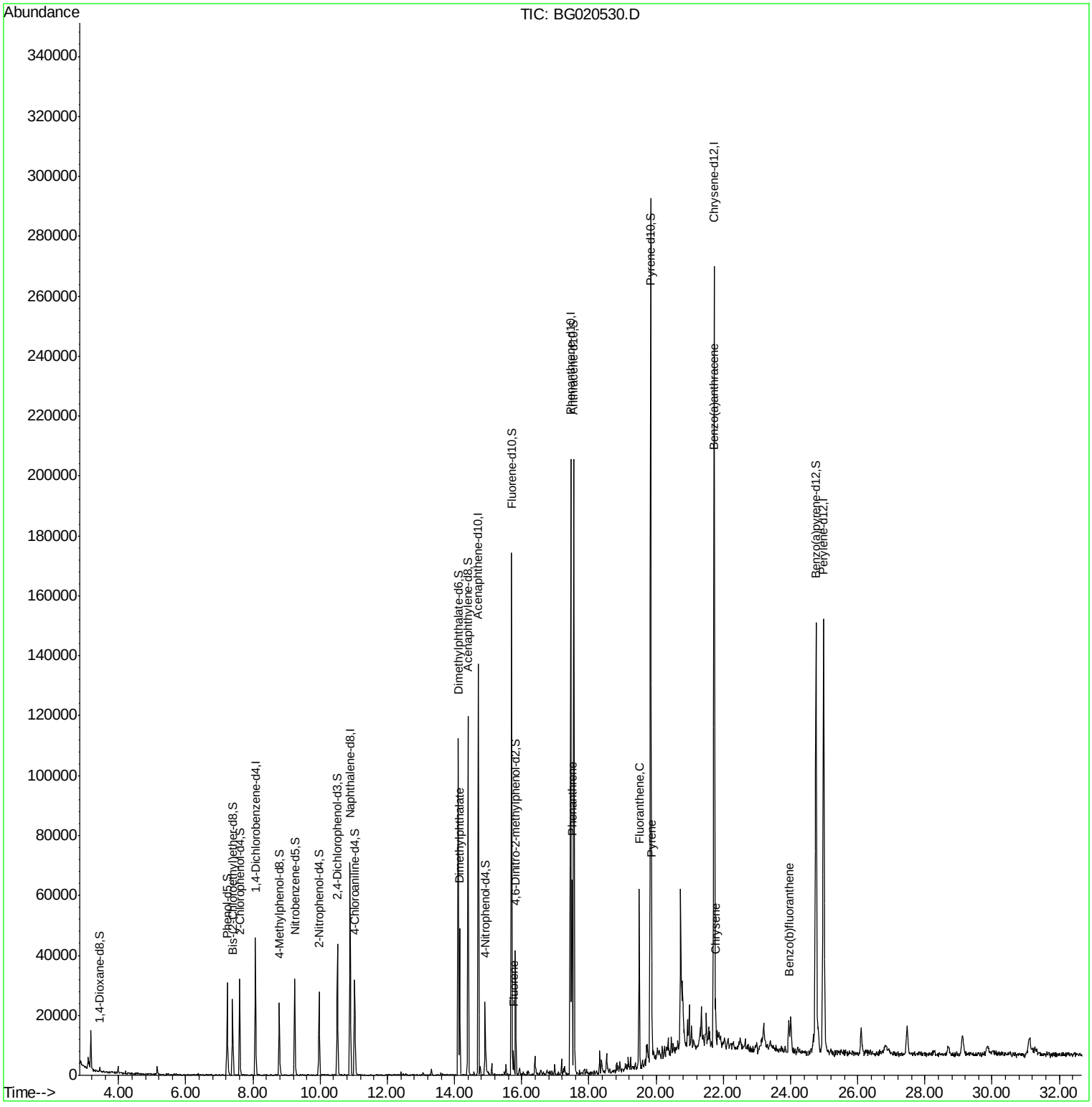
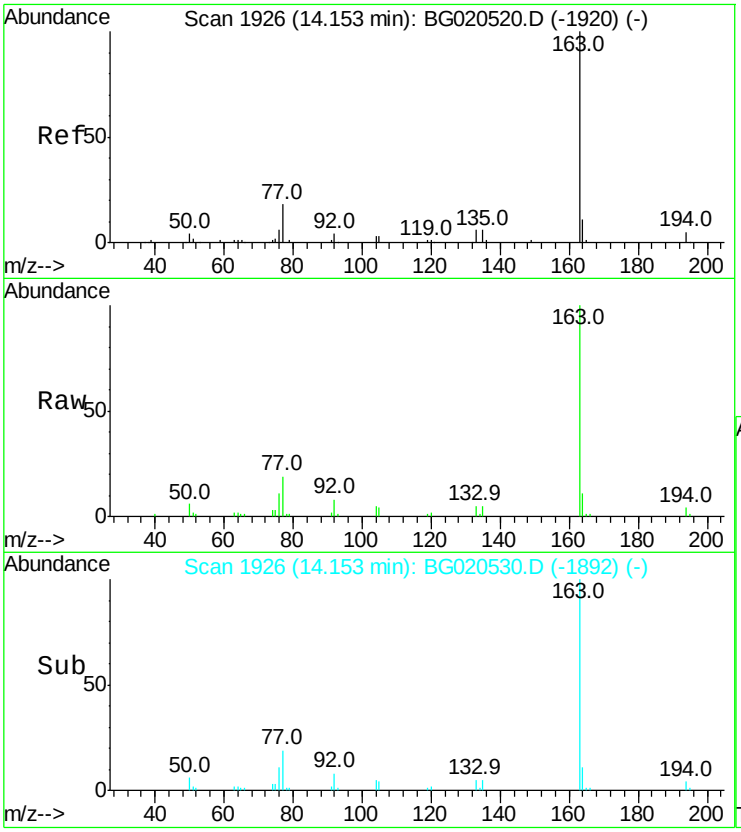


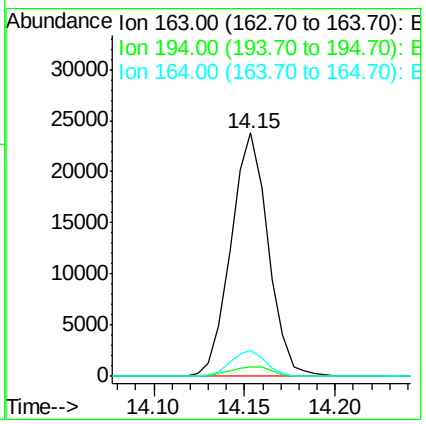


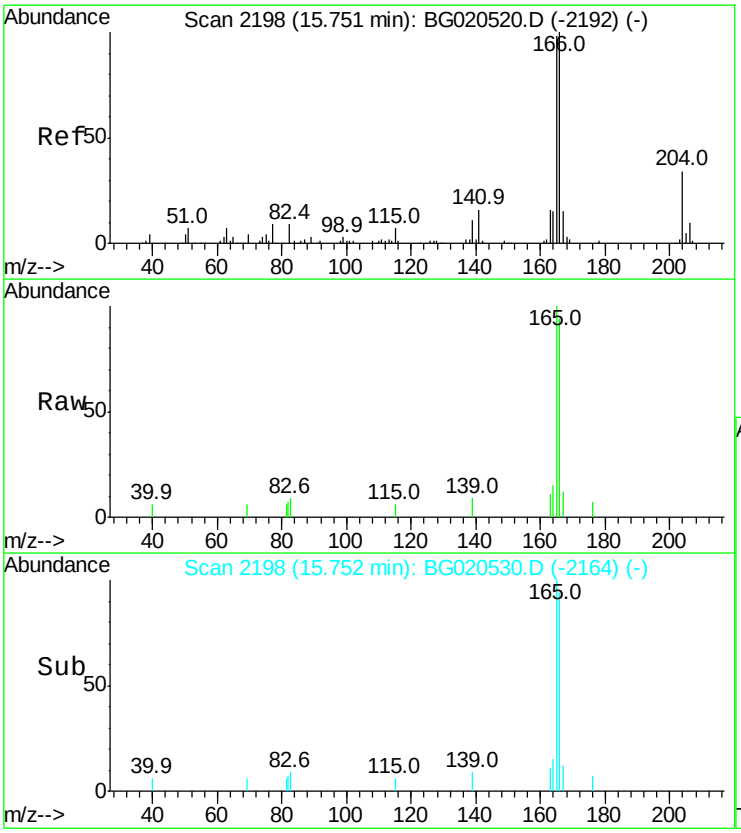
#45
Dimethylphthalate
Concen: 8.40 ng/ul
RT: 14.15 min Scan# 1926
Delta R.T. 0.00 min
Lab File: BG020530.D
Acq: 26 Dec 2015 8:15

Instrument :
BNA_G
ClientSampleId :
G9D83

Tgt Ion:163 Resp: 33896

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.5	5.3
164	10.5	7.7	11.5

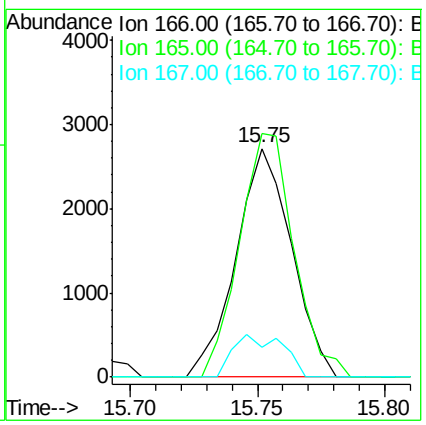


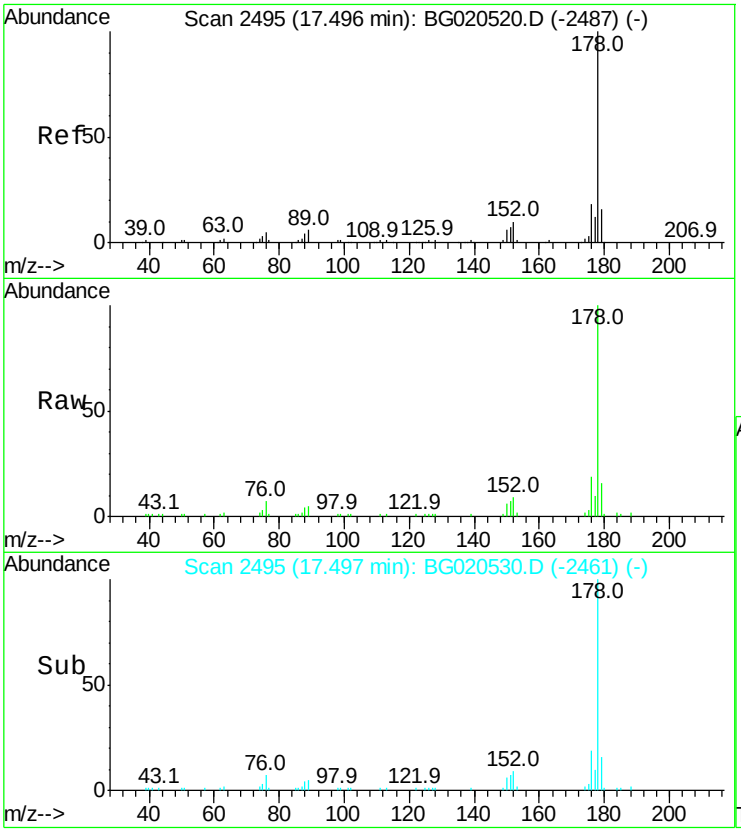


#59
Fluorene
Concen: 1.05 ng/ul
RT: 15.75 min Scan# 2198
Delta R.T. 0.00 min
Lab File: BG020530.D
Acq: 26 Dec 2015 8:15

Tgt Ion:166 Resp: 4146

Ion	Ratio	Lower	Upper
166	100		
165	106.4	81.4	122.0
167	13.2	11.2	16.8



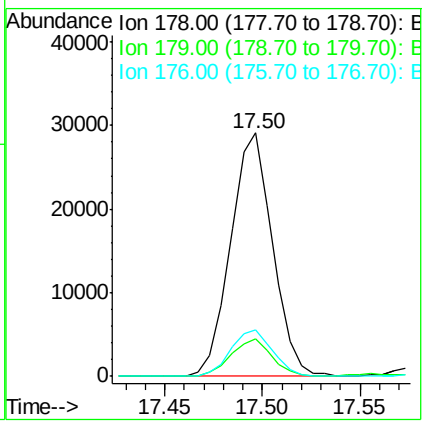


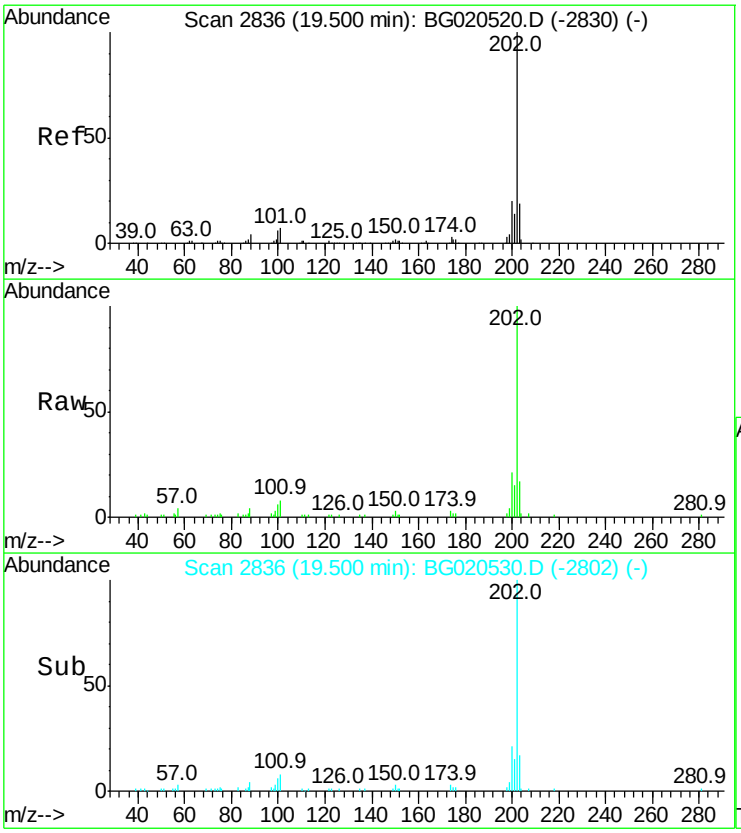
#70
Phenanthrene
Concen: 5.63 ng/ul
RT: 17.50 min Scan# 2495
Delta R.T. 0.00 min
Lab File: BG020530.D
Acq: 26 Dec 2015 8:15

Instrument :
BNA_G
ClientSampleId :
G9D83

Tgt Ion:178 Resp: 43135

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.9	19.3
176	19.1	15.3	22.9

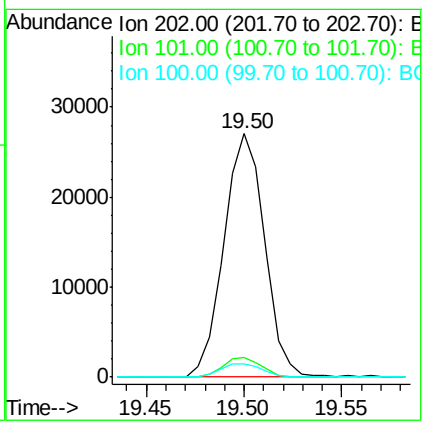


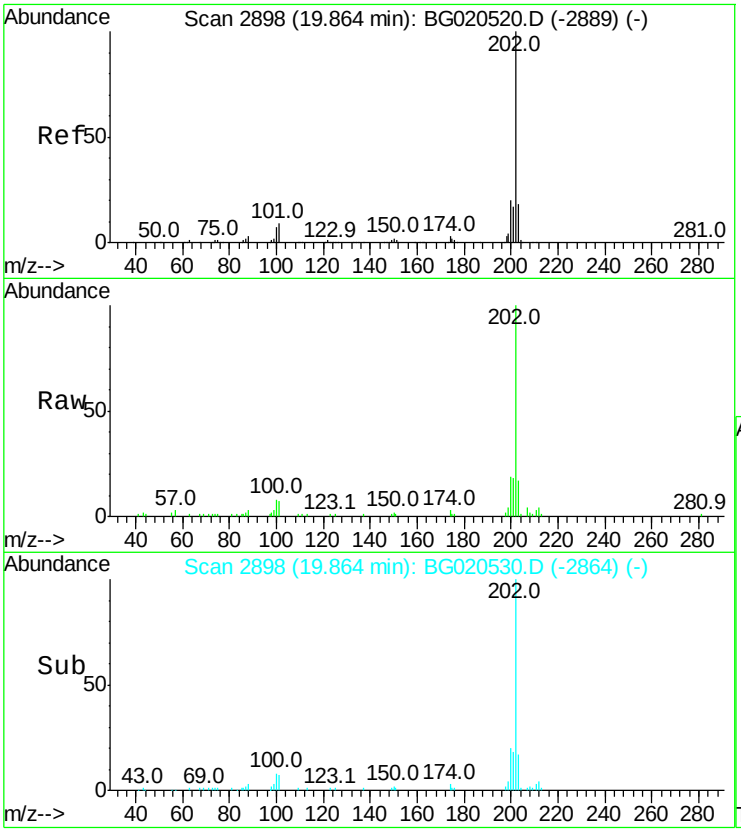


#77
Fluoranthene
Concen: 4.04 ng/ul
RT: 19.50 min Scan# 2836
Delta R.T. 0.00 min
Lab File: BG020530.D
Acq: 26 Dec 2015 8:15

Tgt Ion:202 Resp: 38918

Ion	Ratio	Lower	Upper
202	100		
101	7.8	6.2	9.4
100	5.5	5.1	7.7



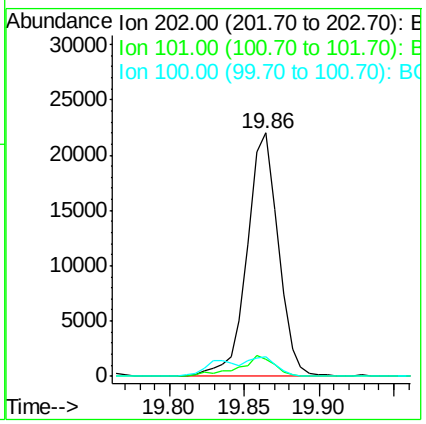


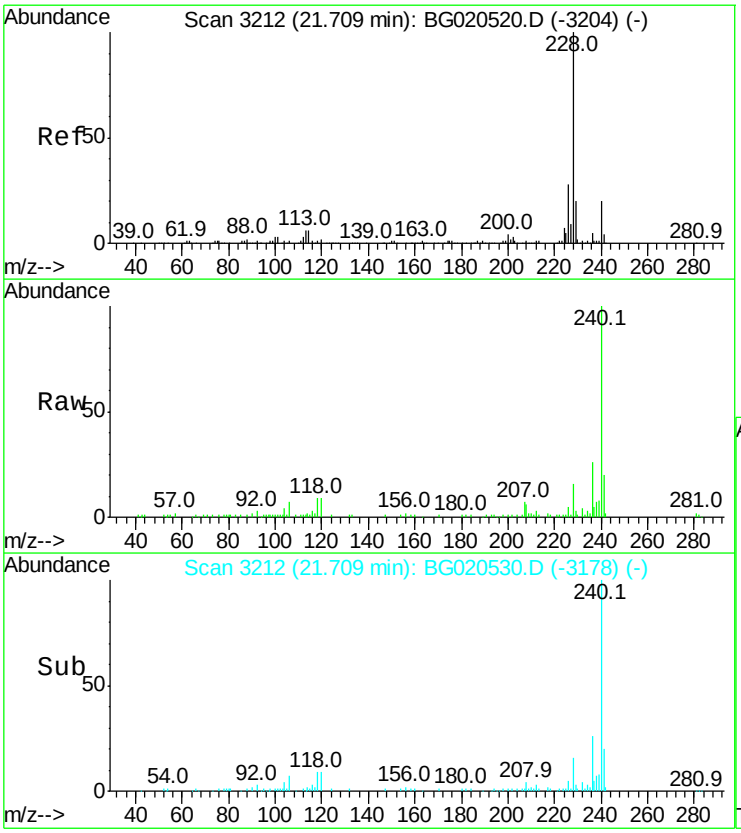
#80
Pyrene
Concen: 3.34 ng/ul
RT: 19.86 min Scan# 2898
Delta R.T. 0.00 min
Lab File: BG020530.D
Acq: 26 Dec 2015 8:15

Instrument :
BNA_G
ClientSampleId :
G9D83

Tgt Ion:202 Resp: 31753

Ion	Ratio	Lower	Upper
202	100		
101	6.9	7.0	10.4#
100	8.0	6.4	9.6

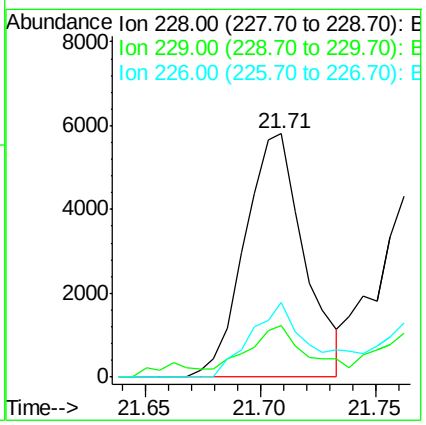


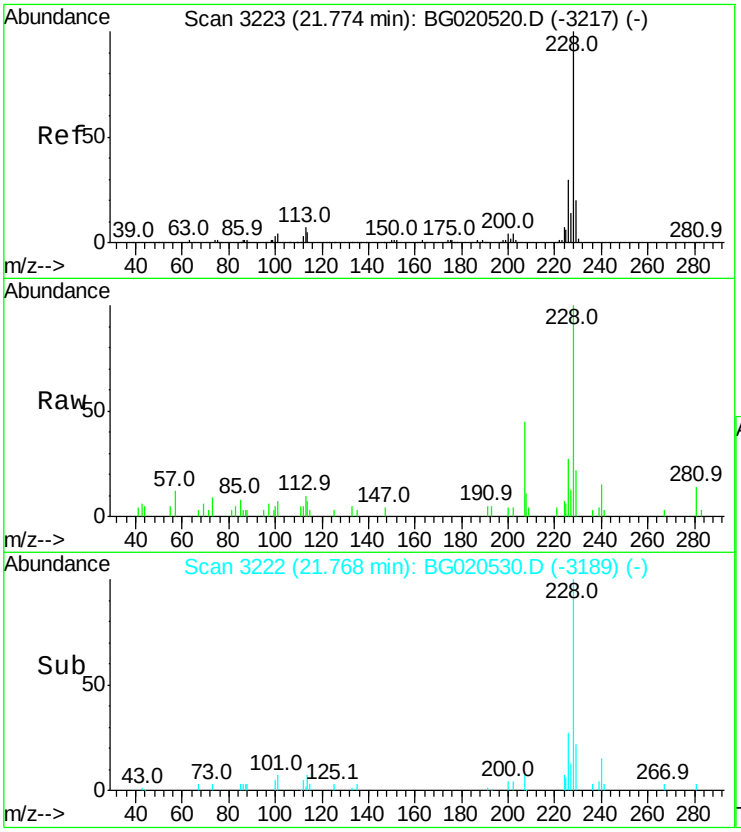


#83
Benzo(a)anthracene
Concen: 1.05 ng/ul
RT: 21.71 min Scan# 3212
Delta R.T. 0.00 min
Lab File: BG020530.D
Acq: 26 Dec 2015 8:15

Tgt Ion:228 Resp: 10393

Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.8	23.8
226	30.4	21.8	32.6



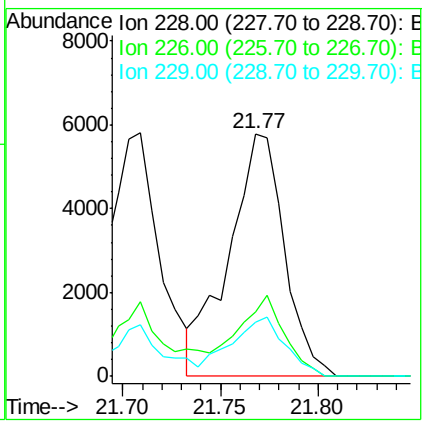


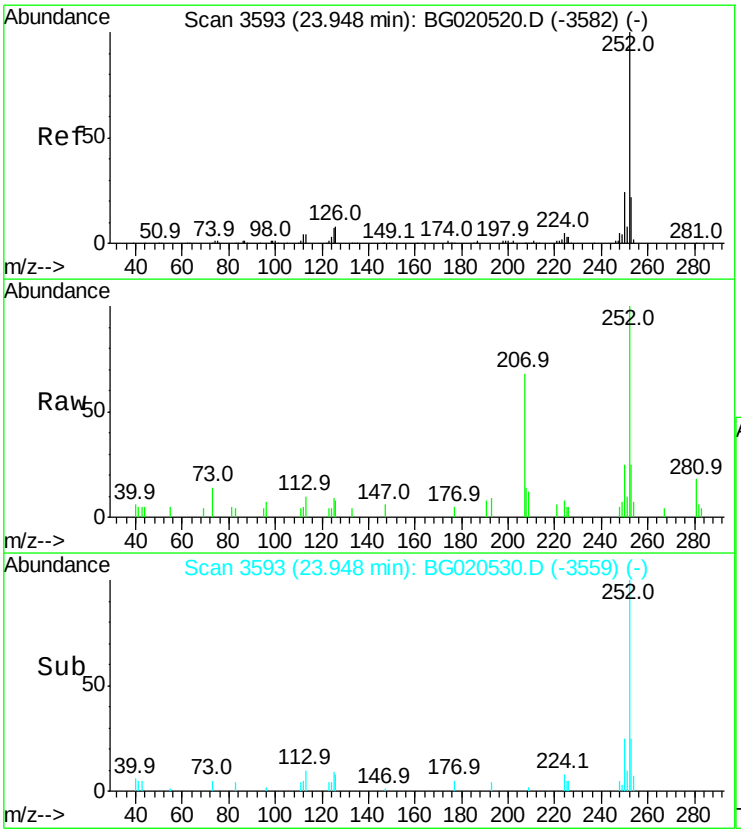
#85
Chrysene
Concen: 1.21 ng/ul
RT: 21.77 min Scan# 3222
Delta R.T. -0.01 min
Lab File: BG020530.D
Acq: 26 Dec 2015 8:15

Instrument :
BNA_G
ClientSampleId :
G9D83

Tgt Ion:228 Resp: 11421

Ion	Ratio	Lower	Upper
228	100		
226	26.7	23.9	35.9
229	22.1	15.6	23.4





#88
Benzo(b)fluoranthene
Concen: 1.15 ng/ul
RT: 23.95 min Scan# 3593
Delta R.T. 0.00 min
Lab File: BG020530.D
Acq: 26 Dec 2015 8:15

Tgt Ion:252 Resp: 11263

Ion	Ratio	Lower	Upper
252	100		
253	24.6	16.7	25.1
125	8.5	6.2	9.2