Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018364.D
Acq On : 10 Aug 2015 21:34
Operator : UM/MA
Sample : G3136-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01X9

Quant Time: Aug 11 01:43:36 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 11 01:39:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	167737	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	755535	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.67	164	467897	20.00	ng/ul	0.02
62) Phenanthrene-d10	17.41	188	982947	20.00	ng/ul	0.00
78) Chrysene-d12	21.67	240	837705	20.00	ng/ul	0.02
86) Perylene-d12	24.90	264	827628	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	5406	1.42	ng/uL	0.00
5) Phenol-d5	7.20	99	123736	8.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	84941	9.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	100162	8.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	67962	5.31	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	51422	8.73	ng/ul	0.02
22) 2-Nitrophenol-d4	9.92	143	53708	8.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	97457	7.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	78817	5.48	ng/ul	0.00
44) Dimethylphthalate-d6	14.07	166	323462	8.22	ng/ul	0.00
47) Acenaphthylene-d8	14.36	160	346177	6.98	ng/ul	0.00
52) 4-Nitrophenol-d4	14.85	143	25709	3.63	ng/ul	0.00
58) Fluorene-d10	15.66	176	240256	7.01	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.76	200	19437	4.02	ng/ul	0.00
71) Anthracene-d10	17.51	188	310041	6.60	ng/ul	0.00
79) Pyrene-d10	19.79	212	279654	6.43	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.67	264	253622	5.77	ng/ul	0.02
Target Compounds						Qvalue
45) Dimethylphthalate	14.11	163	155973	4.02	ng/ul#	94
70) Phenanthrene	17.46	178	78283	1.47	ng/ul#	92
77) Fluoranthene	19.46	202	120194	2.11	ng/ul	99
80) Pyrene	19.82	202	123365	2.18	ng/ul	99
83) Benzo(a)anthracene	21.66	228	61502	1.18	ng/ul#	85
85) Chrysene	21.72	228	61883	1.27	ng/ul#	93
88) Benzo(b)fluoranthene	23.88	252	91081	1.75	ng/ul#	38
91) Benzo(a)pyrene	24.74	252	69322	1.40	ng/ul#	33

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

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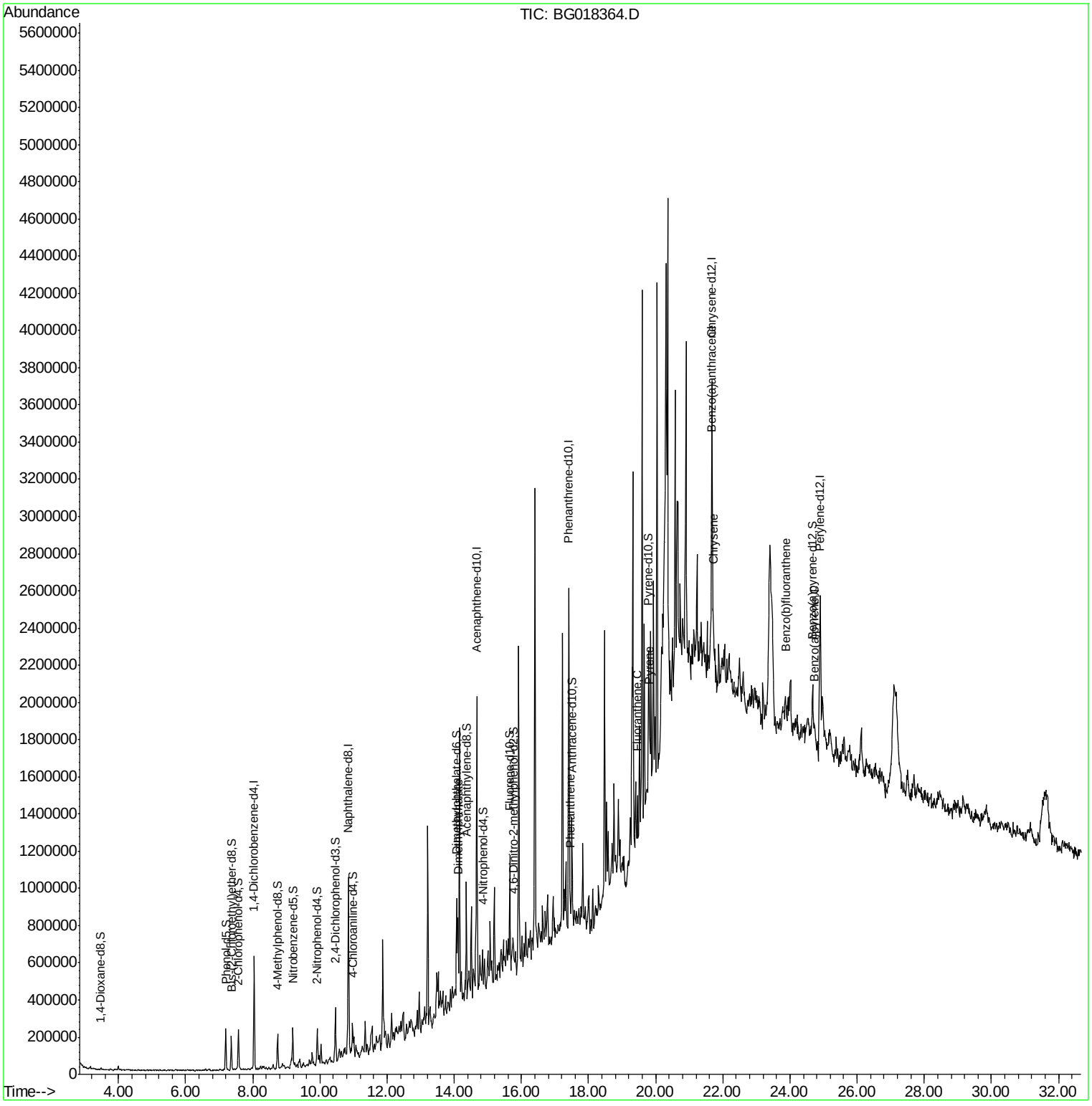
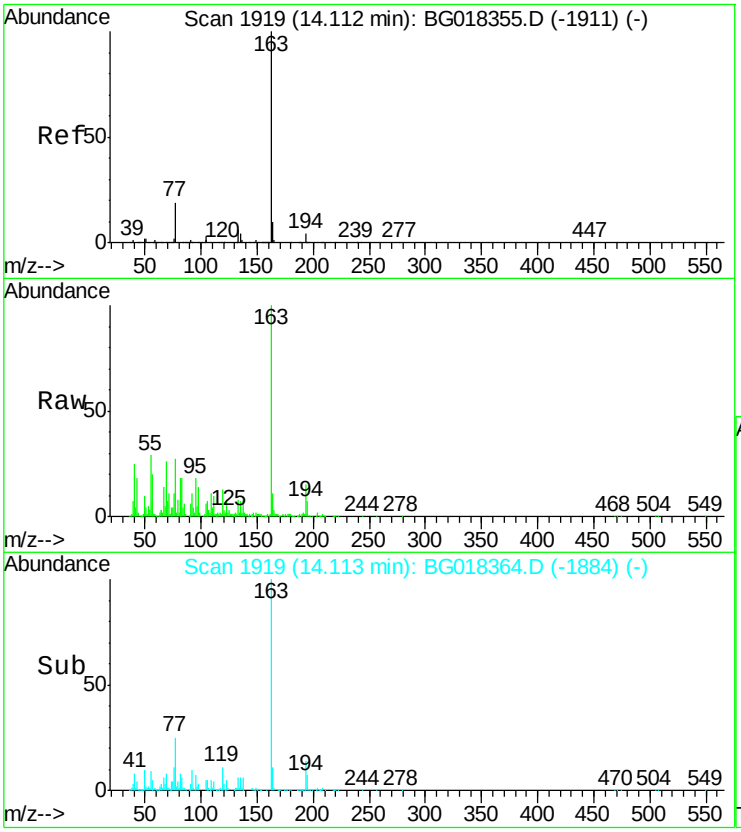


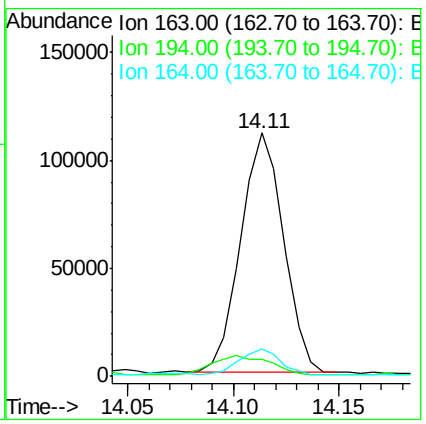


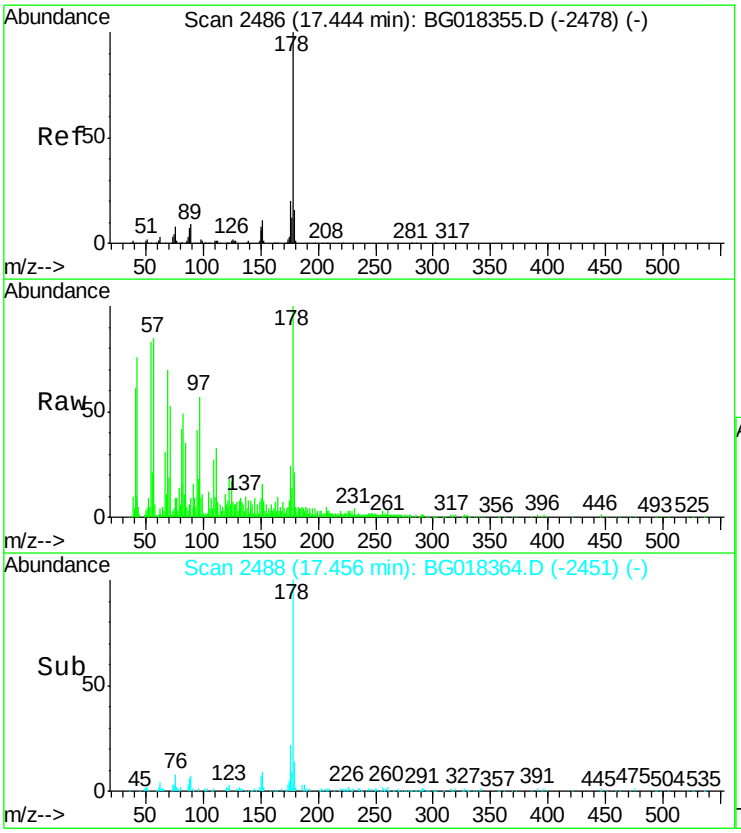
#45
Dimethylphthalate
Concen: 4.02 ng/ul
RT: 14.11 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BG018364.D
Acq: 10 Aug 2015 21:34

Instrument :
BNA_G
ClientSampleId :
C01X9

Tgt Ion:163 Resp: 155973

Ion	Ratio	Lower	Upper
163	100		
194	7.1	2.9	4.3#
164	11.2	7.7	11.5

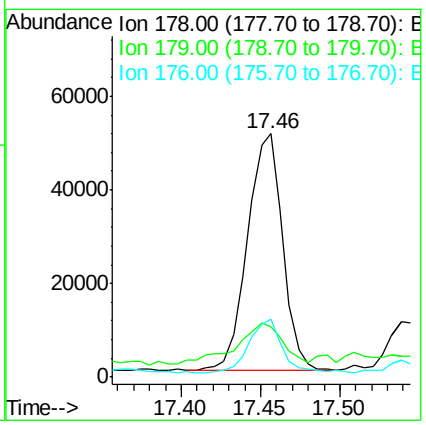


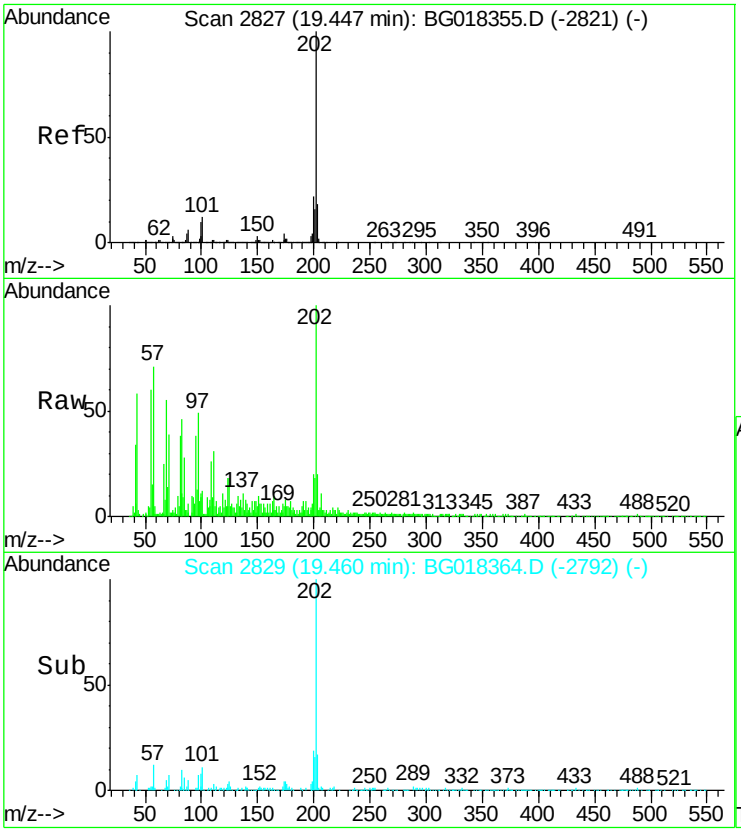


#70
Phenanthrene
Concen: 1.47 ng/ul
RT: 17.46 min Scan# 2488
Delta R.T. 0.02 min
Lab File: BG018364.D
Acq: 10 Aug 2015 21:34

Tgt Ion:178 Resp: 78283

Ion	Ratio	Lower	Upper
178	100		
179	20.9	13.7	20.5#
176	23.8	16.6	24.8



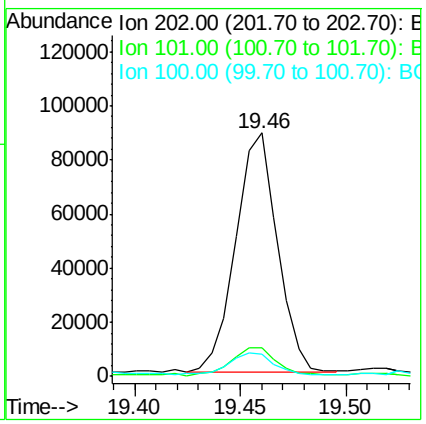


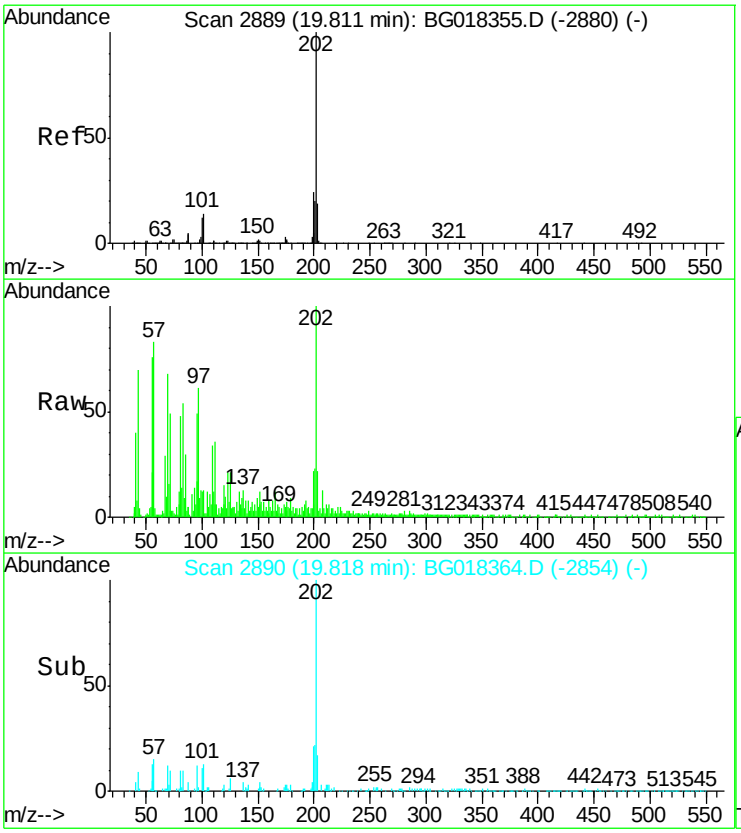
#77
Fluoranthene
Concen: 2.11 ng/ul
RT: 19.46 min Scan# 2829
Delta R.T. 0.02 min
Lab File: BG018364.D
Acq: 10 Aug 2015 21:34

Instrument :
BNA_G
ClientSampleId :
C01X9

Tgt Ion:202 Resp: 120194

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.7	14.5
100	9.1	7.8	11.8

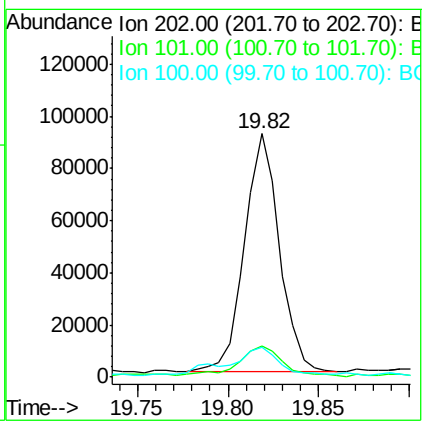


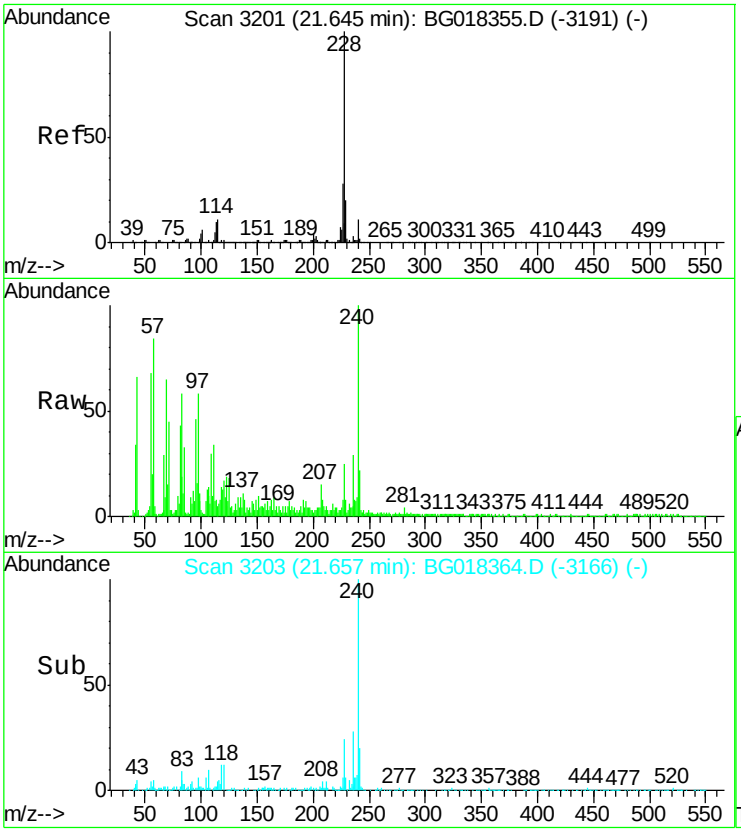


#80
Pyrene
Concen: 2.18 ng/ul
RT: 19.82 min Scan# 2890
Delta R.T. 0.01 min
Lab File: BG018364.D
Acq: 10 Aug 2015 21:34

Tgt Ion:202 Resp: 123365

Ion	Ratio	Lower	Upper
202	100		
101	13.0	11.0	16.4
100	12.0	9.8	14.6



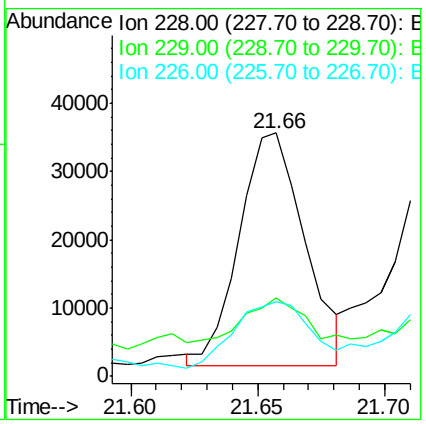


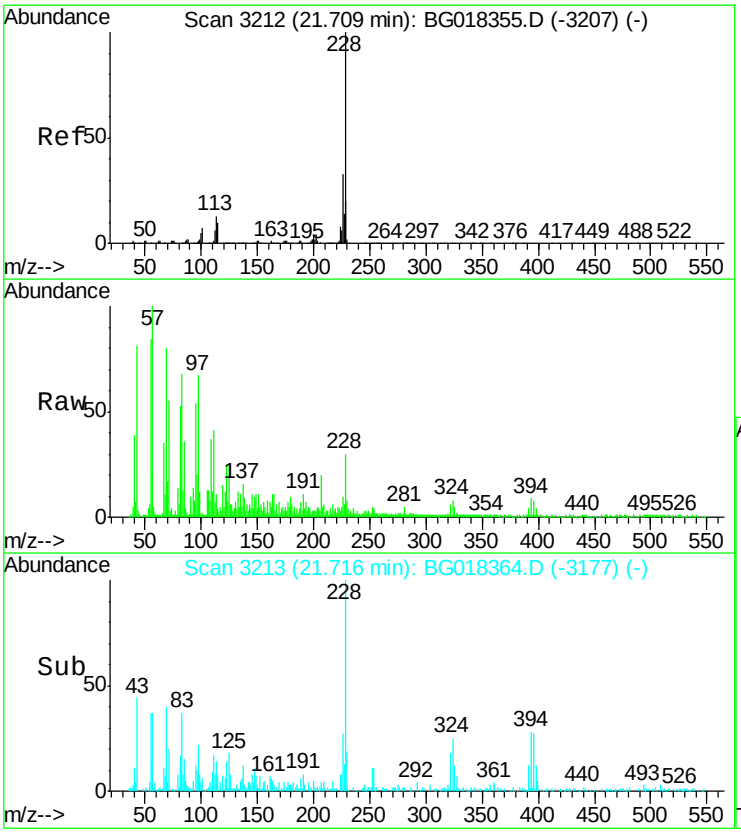
#83
Benzo(a)anthracene
Concen: 1.18 ng/ul
RT: 21.66 min Scan# 3203
Delta R.T. 0.02 min
Lab File: BG018364.D
Acq: 10 Aug 2015 21:34

Instrument :
BNA_G
ClientSampleId :
C01X9

Tgt Ion:228 Resp: 61502

Ion	Ratio	Lower	Upper
228	100		
229	32.0	15.5	23.3#
226	30.9	22.1	33.1

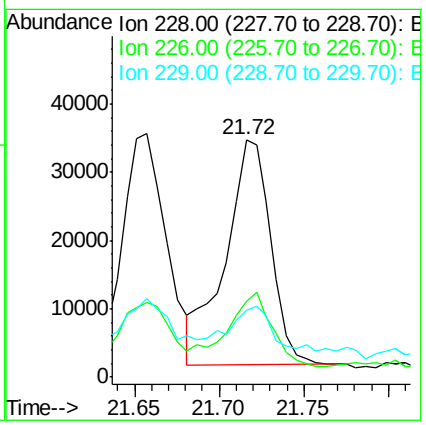


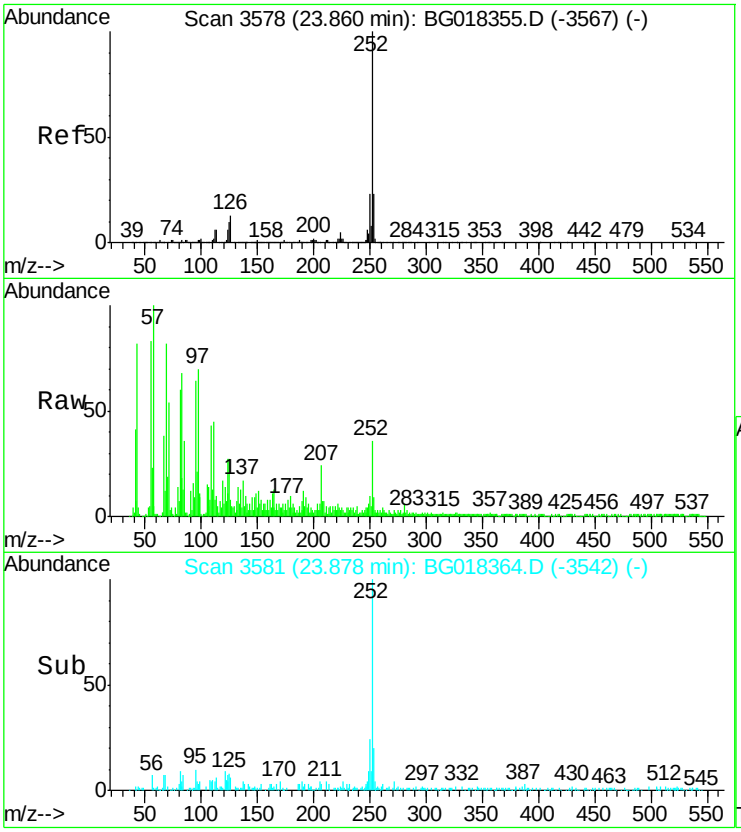


#85
Chrysene
Concen: 1.27 ng/ul
RT: 21.72 min Scan# 3213
Delta R.T. 0.01 min
Lab File: BG018364.D
Acq: 10 Aug 2015 21:34

Tgt Ion:228 Resp: 61883

Ion	Ratio	Lower	Upper
228	100		
226	32.1	26.5	39.7
229	28.3	16.9	25.3#



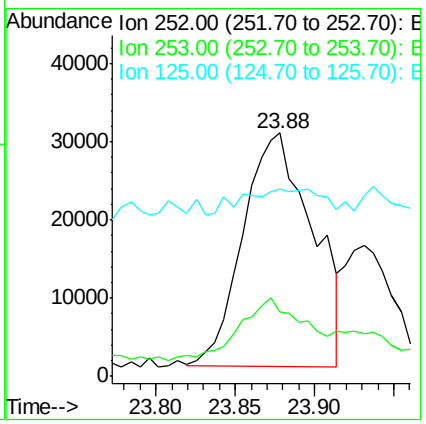


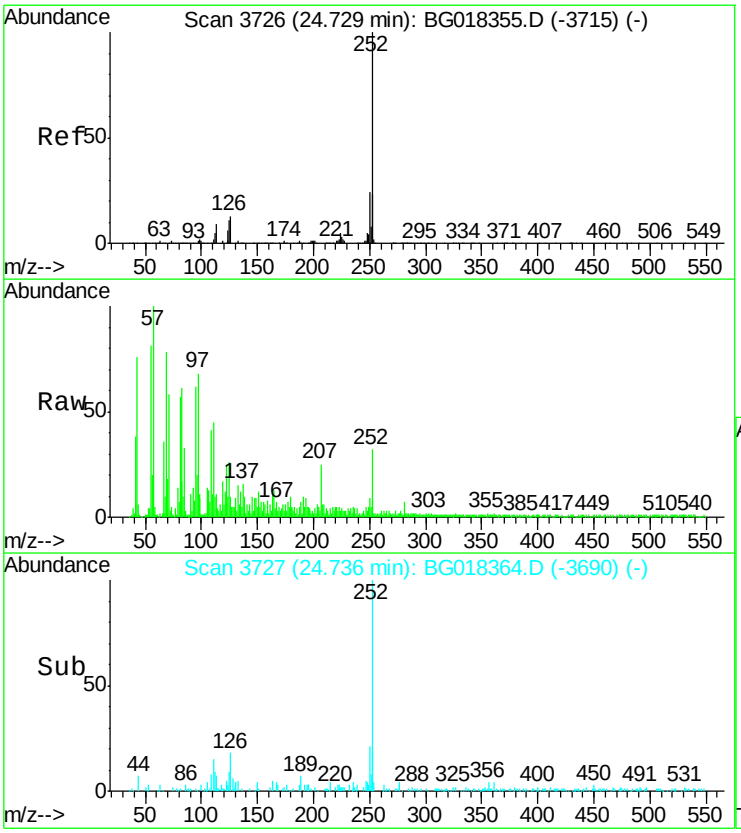
#88
Benzo(b)fluoranthene
Concen: 1.75 ng/ul
RT: 23.88 min Scan# 3581
Delta R.T. 0.03 min
Lab File: BG018364.D
Acq: 10 Aug 2015 21:34

Instrument :
BNA_G
ClientSampleId :
C01X9

Tgt Ion:252 Resp: 91081

Ion	Ratio	Lower	Upper
252	100		
253	26.7	18.1	27.1
125	76.8	8.3	12.5#





#91
Benzo(a)pyrene
Concen: 1.40 ng/ul
RT: 24.74 min Scan# 3727
Delta R.T. 0.02 min
Lab File: BG018364.D
Acq: 10 Aug 2015 21:34

Tgt Ion:252 Resp: 69322

Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.7	26.5
125	79.9	10.2	15.2#