Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081316\
Data File : BG023713.D
Acq On : 14 Aug 2016 7:04
Operator : UM/SJ
Sample : H4388-08
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR002-SS002-1218-01

Manual Integrations APPROVED
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Quant Time: Aug 15 19:27:23 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 15 18:52:38 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	124674	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	552982	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	354065	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	758158	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	818205	20.00	ng/ul	0.00
83) Perylene-d12	25.29	264	809010	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	7572	2.58	ng/uL	0.00
5) Phenol-d5	7.27	99	205210	16.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	142746	17.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	150896	17.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	158026	16.12	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	81783m	18.76	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	96038	19.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	166086	17.59	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	170749	15.41	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	556847	19.21	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	639695	19.61	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	77420	15.64	ng/ul	0.00
57) Fluorene-d10	15.79	176	483524	18.05	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.91	200	77201	15.87	ng/ul	0.00
70) Anthracene-d10	17.65	188	690570	20.22	ng/ul	0.00
76) Pyrene-d10	19.94	212	765475	18.48	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.05	264	726204	19.83	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	14.23	163	249041	8.68	ng/ul	97
69) Phenanthrene	17.59	178	197617	5.03	ng/ul	99
74) Fluoranthene	19.61	202	277197m	6.90	ng/ul	
77) Pyrene	19.97	202	348355	6.89	ng/ul#	89
80) Benzo(a)anthracene	21.85	228	129502	2.81	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.73	149	31966	1.24	ng/ul#	98
82) Chrysene	21.92	228	164124	3.92	ng/ul	97
85) Benzo(b)fluoranthene	24.20	252	151087	3.28	ng/ul#	93
88) Benzo(a)pyrene	25.12	252	119637m	2.69	ng/ul	
91) Benzo(g,h,i)perylene	30.40	276	69950m	1.62	ng/ul	

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

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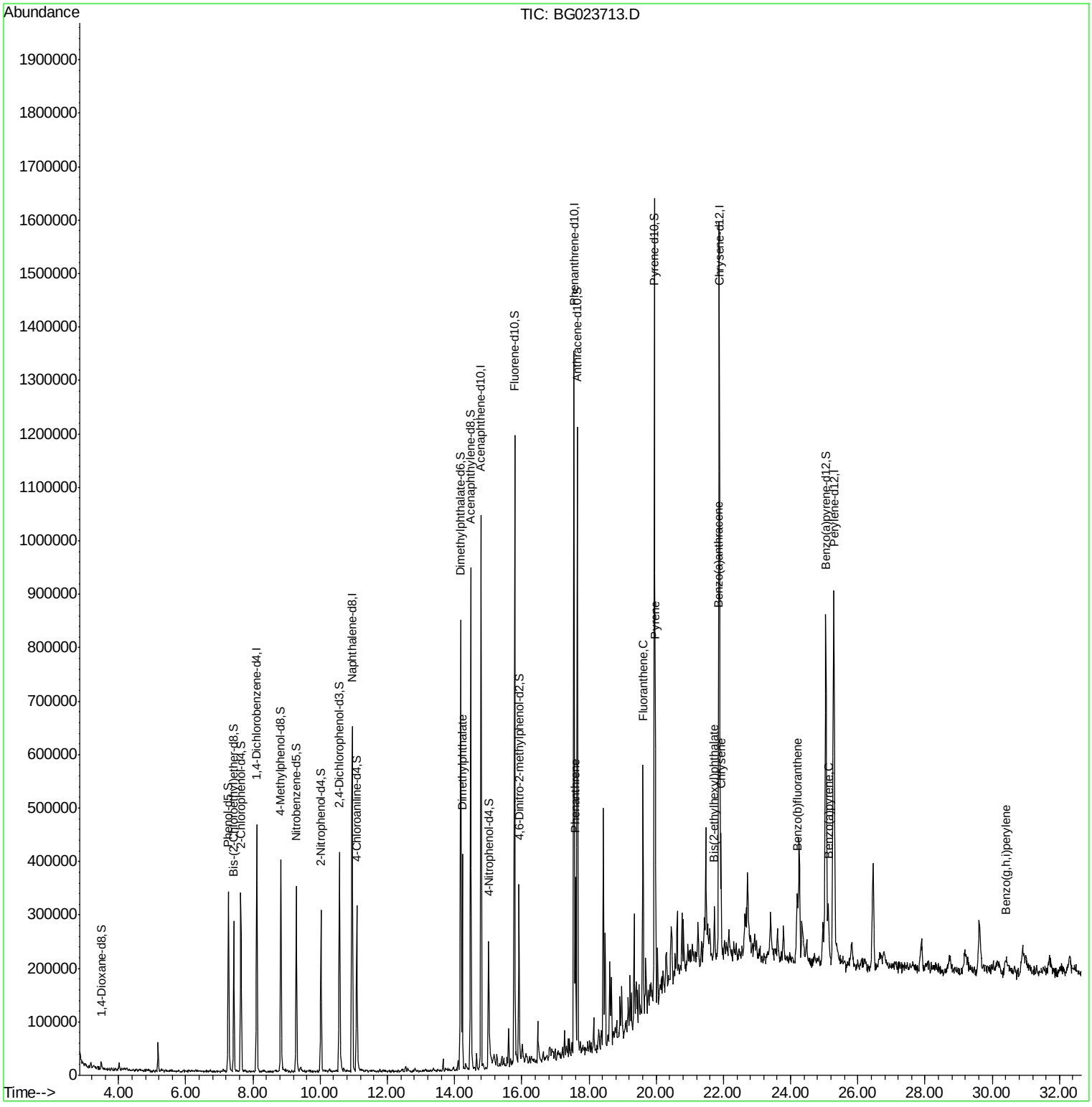
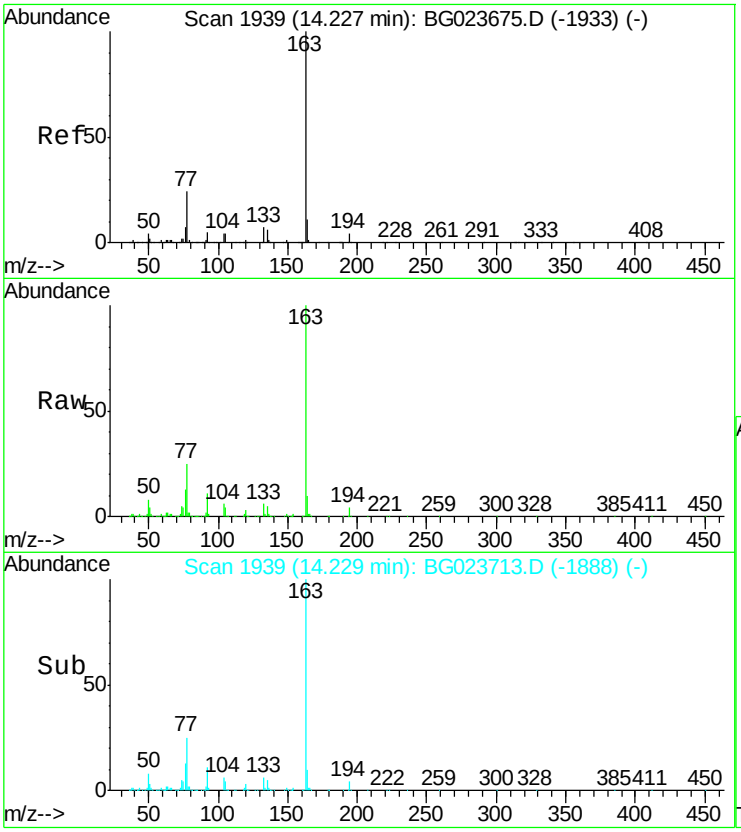
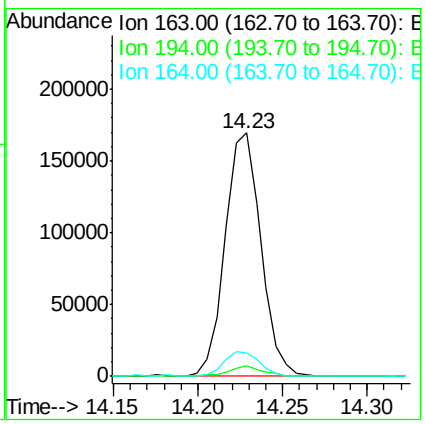




#44
Dimethylphthalate
Concen: 8.68 ng/ul
RT: 14.23 min Scan# 1939
Delta R.T. 0.00 min
Lab File: BG023713.D
Acq: 14 Aug 2016 7:04

Tgt Ion:163 Resp: 249041

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	9.6	8.8	13.2



Instrument :
BNA_G
ClientSampleId :
PR002-SS002-1218-01

Manual Integrations APPROVED
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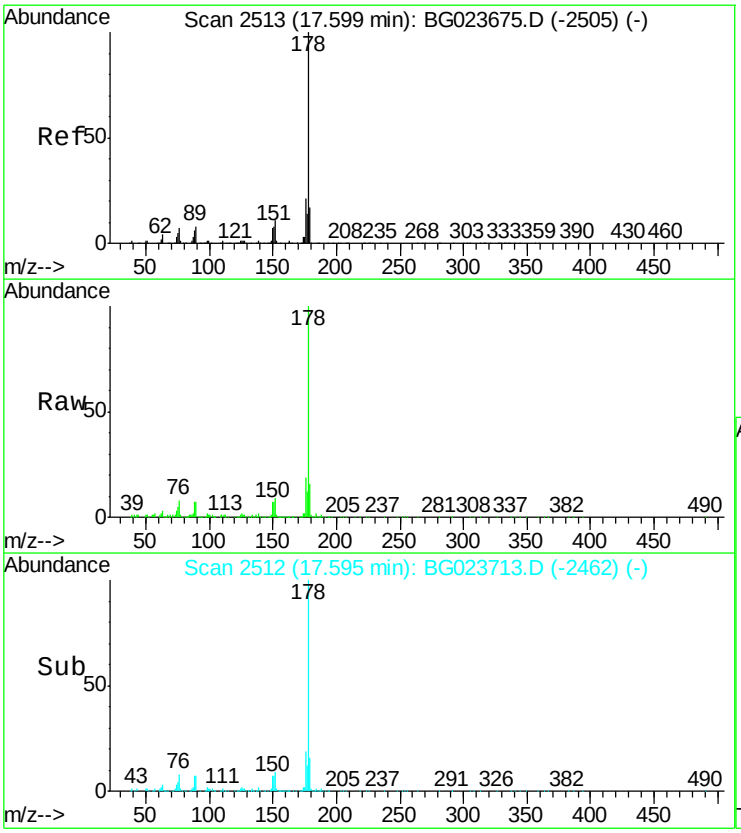
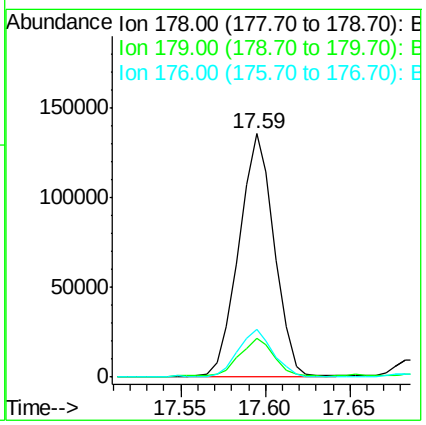
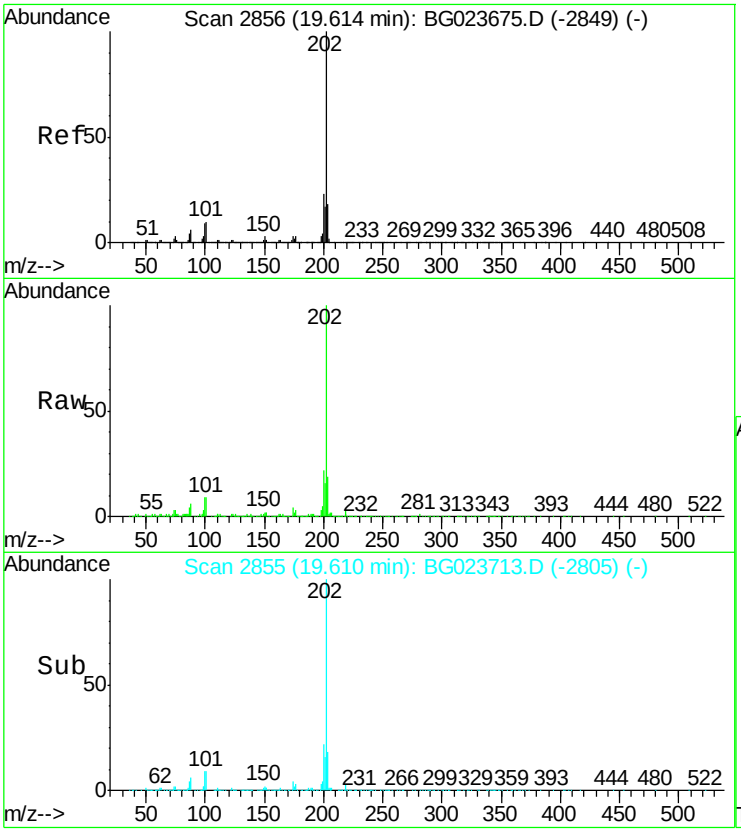


#69
Phenanthrene
Concen: 5.03 ng/ul
RT: 17.59 min Scan# 2512
Delta R.T. -0.00 min
Lab File: BG023713.D
Acq: 14 Aug 2016 7:04

Tgt Ion:178 Resp: 197617

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.9	19.3
176	19.4	15.8	23.8

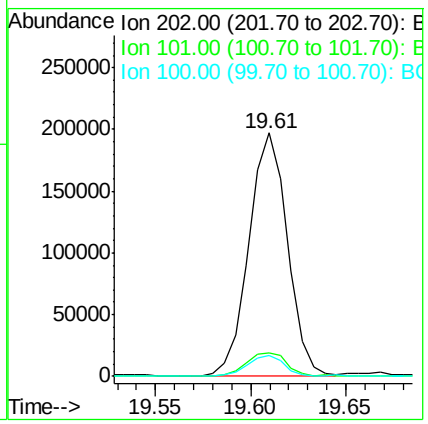




#74
Fluoranthene
Concen: 6.90 ng/ul m
RT: 19.61 min Scan# 2855
Delta R.T. -0.00 min
Lab File: BG023713.D
Acq: 14 Aug 2016 7:04

Tgt Ion:202 Resp: 277197

Ion	Ratio	Lower	Upper
202	100		
101	9.5	10.6	16.0#
100	8.6	8.7	13.1#



Instrument :
BNA_G
ClientSampleId :
PR002-SS002-1218-01

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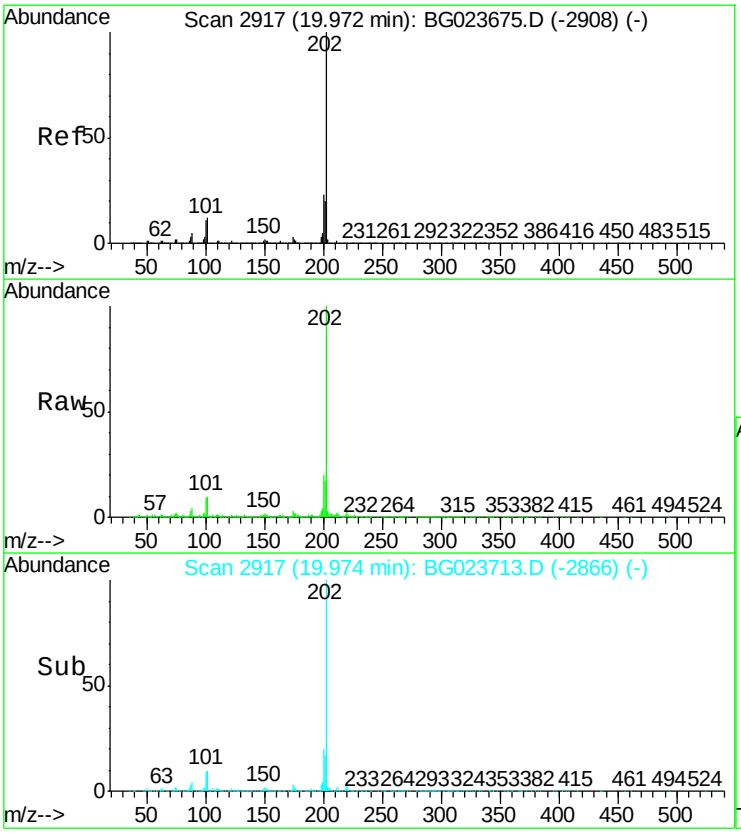
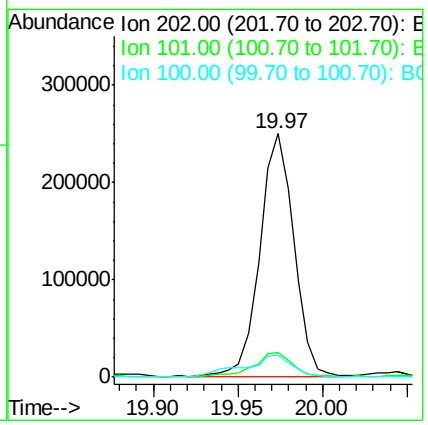
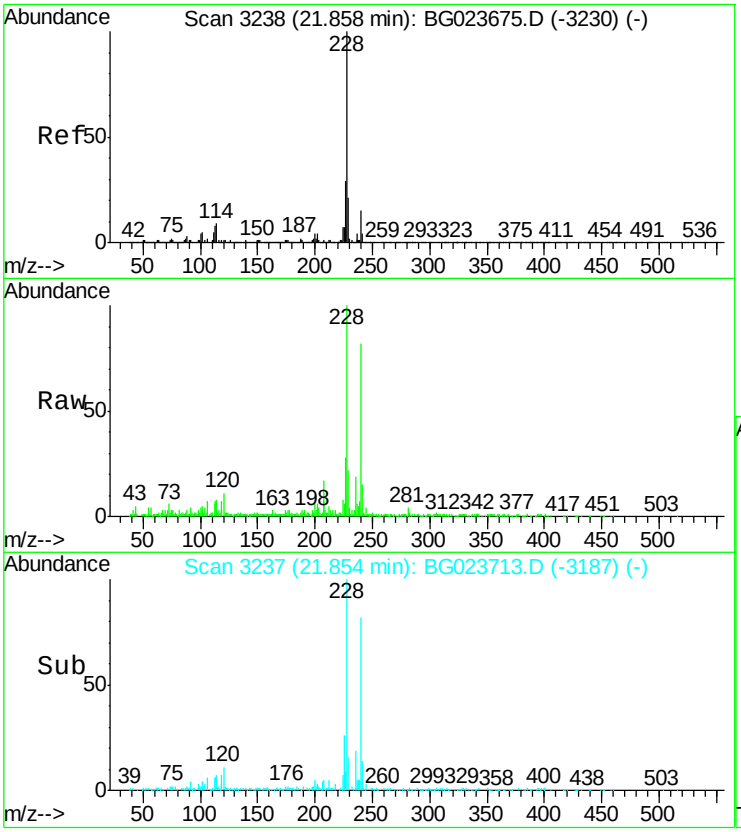


#77
Pyrene
Concen: 6.89 ng/ul
RT: 19.97 min Scan# 2917
Delta R.T. 0.00 min
Lab File: BG023713.D
Acq: 14 Aug 2016 7:04

Tgt Ion:202 Resp: 348355

Ion	Ratio	Lower	Upper
202	100		
101	10.3	12.5	18.7#
100	9.2	10.2	15.4#





#80
Benzo(a)anthracene
Concen: 2.81 ng/ul
RT: 21.85 min Scan# 3237
Delta R.T. -0.00 min
Lab File: BG023713.D
Acq: 14 Aug 2016 7:04

Tgt Ion:228 Resp: 129502

Ion	Ratio	Lower	Upper
228	100		
229	21.7	15.4	23.2
226	28.4	22.8	34.2

Instrument :
BNA_G
ClientSampleId :
PR002-SS002-1218-01

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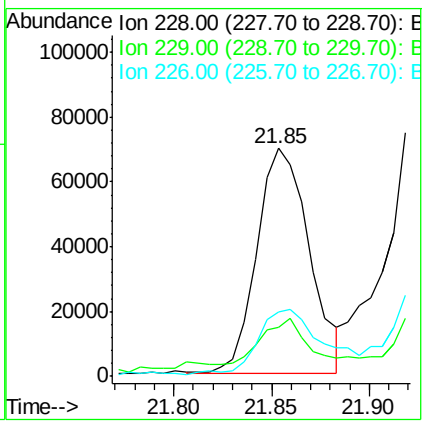
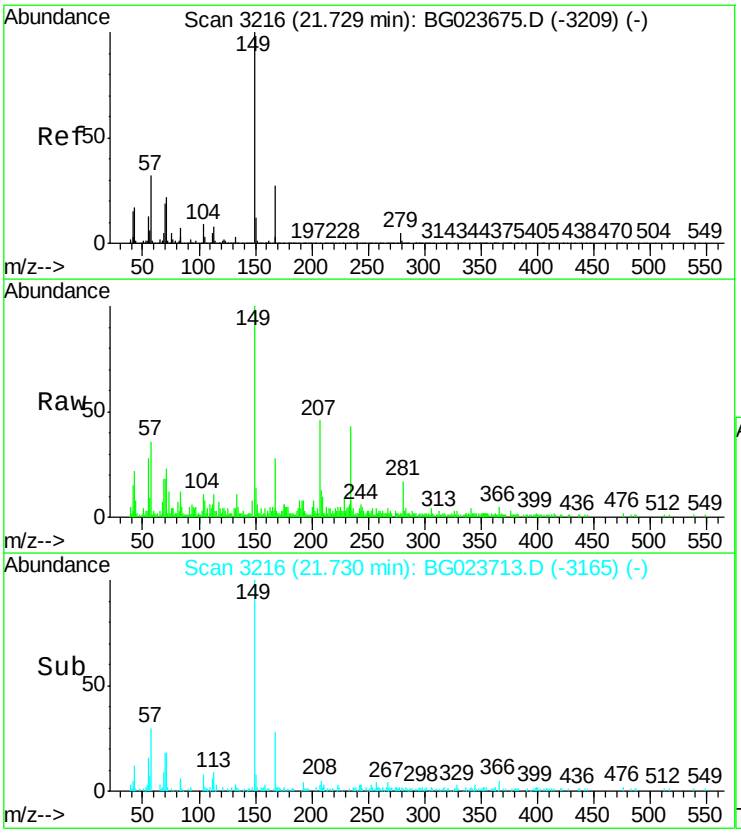
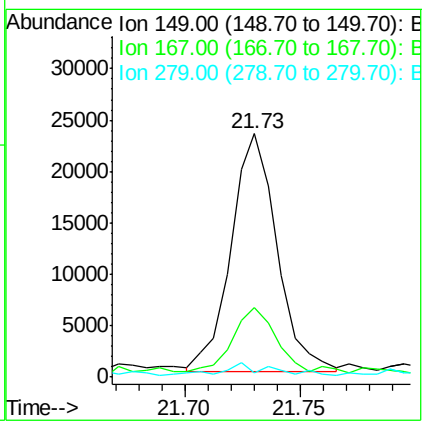


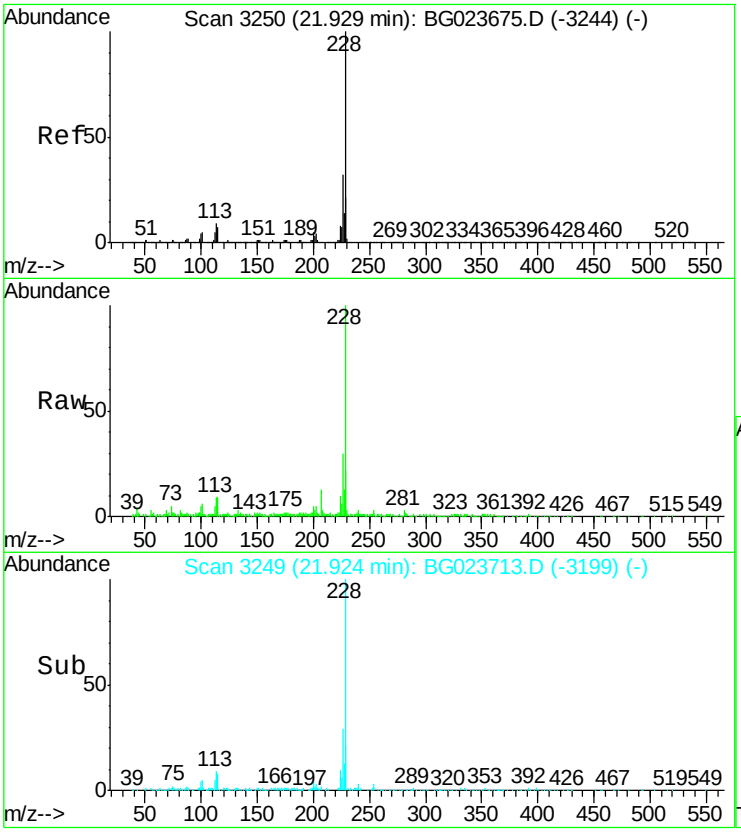


#81
Bis(2-ethylhexyl)phthalate
Concen: 1.24 ng/ul
RT: 21.73 min Scan# 3216
Delta R.T. 0.00 min
Lab File: BG023713.D
Acq: 14 Aug 2016 7:04

Tgt Ion:149 Resp: 31966

Ion	Ratio	Lower	Upper
149	100		
167	28.3	21.9	32.9
279	1.8	2.9	4.3#

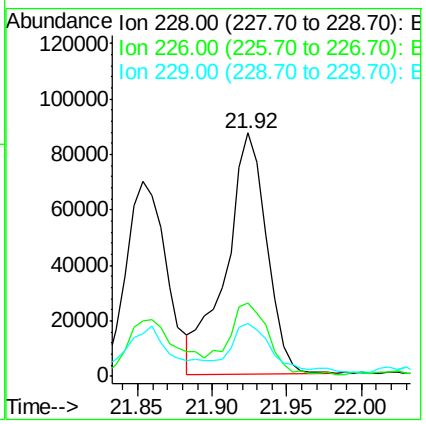




#82
Chrysene
Concen: 3.92 ng/ul
RT: 21.92 min Scan# 3249
Delta R.T. -0.00 min
Lab File: BG023713.D
Acq: 14 Aug 2016 7:04

Tgt Ion:228 Resp: 164124

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.2	36.4
229	22.0	15.0	22.6



Instrument :
BNA_G
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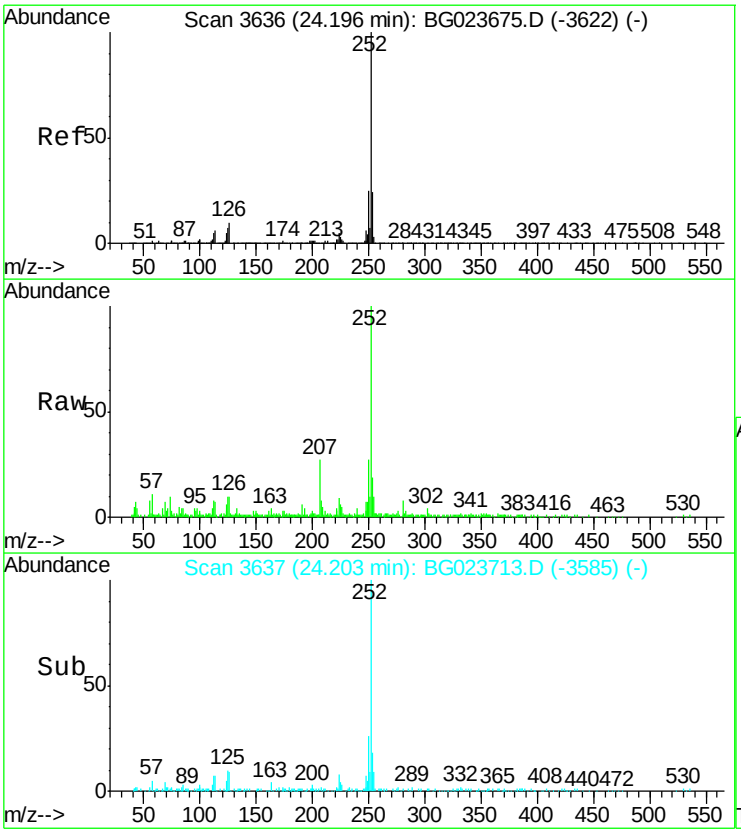
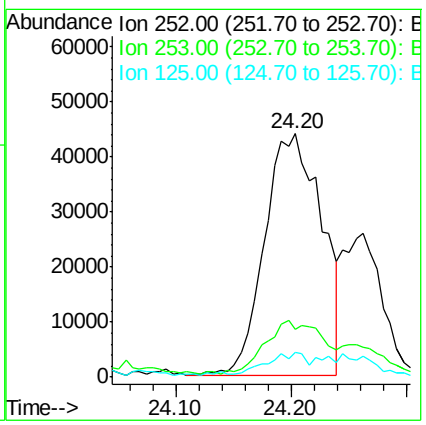
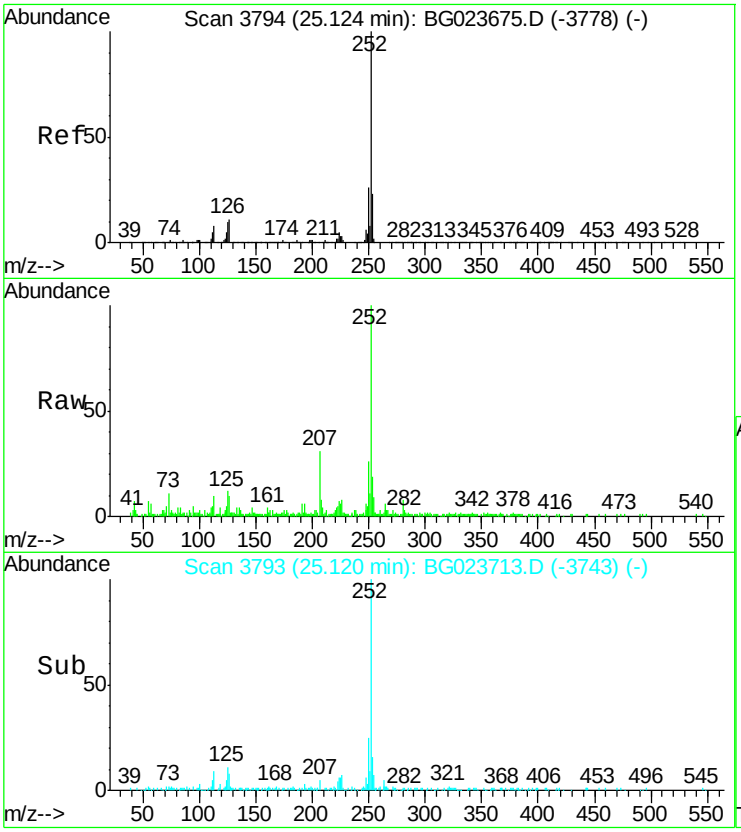


#85
Benzo(b)fluoranthene
Concen: 3.28 ng/ul
RT: 24.20 min Scan# 3637
Delta R.T. 0.01 min
Lab File: BG023713.D
Acq: 14 Aug 2016 7:04

Tgt Ion:252 Resp: 151087

Ion	Ratio	Lower	Upper
252	100		
253	19.4	18.2	27.2
125	10.2	10.8	16.2#





#88
Benzo(a)pyrene
Concen: 2.69 ng/ul m
RT: 25.12 min Scan# 3793
Delta R.T. -0.00 min
Lab File: BG023713.D
Acq: 14 Aug 2016 7:04

Tgt Ion:252 Resp: 119637

Ion	Ratio	Lower	Upper
252	100		
253	19.1	19.0	28.4
125	11.6	12.0	18.0#

Instrument :
BNA_G
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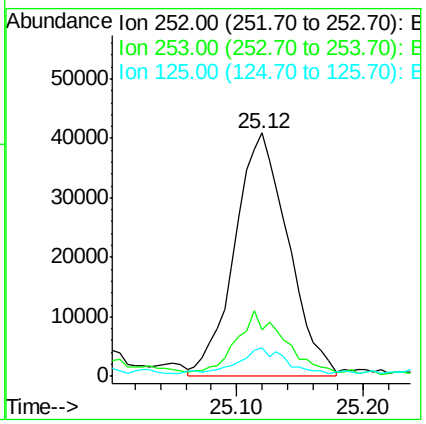

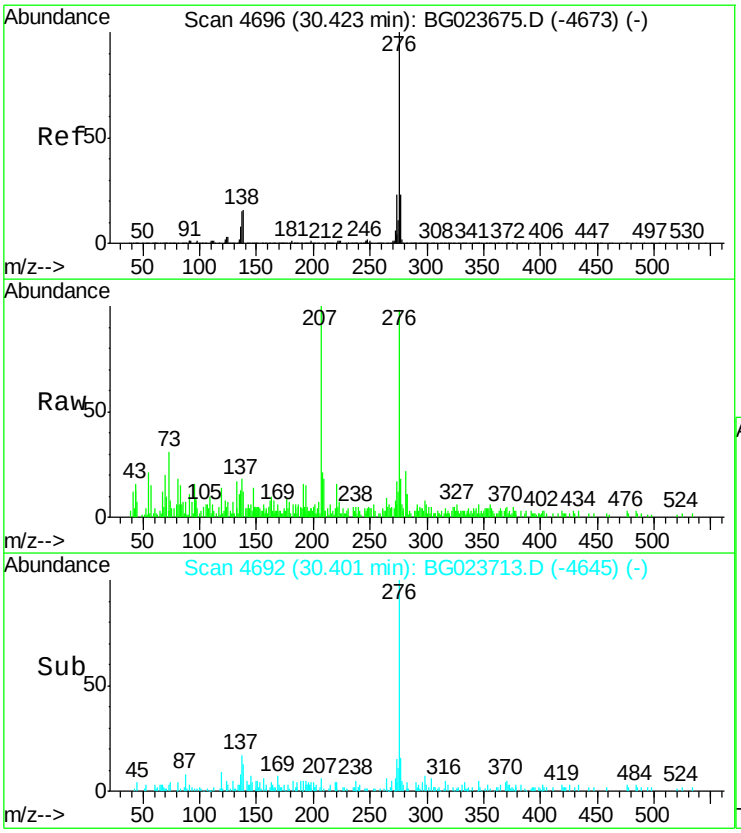

#91
Benzo(g,h,i)perylene
Concen: 1.62 ng/ul m
RT: 30.40 min Scan# 4692
Delta R.T. -0.02 min
Lab File: BG023713.D
Acq: 14 Aug 2016 7:04

Tgt Ion:276 Resp: 69950

Ion	Ratio	Lower	Upper
276	100		
138	12.3	22.1	33.1#
277	18.6	17.0	25.4