Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023591.D
Acq On : 10 Aug 2016 14:21
Operator : UM/SJ
Sample : H4360-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS002-3642-01

Quant Time: Aug 11 03:58:13 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 11 03:58:16 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	119021	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	533067	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	391748	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1015084	20.00	ng/ul	0.00
75) Chrysene-d12	22.00	240	1186	20.00	ng/ul	0.13
83) Perylene-d12	25.27	264	1073968	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	4725	1.69	ng/uL	0.00
5) Phenol-d5	7.27	99	252100	21.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	163330	21.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	172872	21.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	194236	20.75	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	91025	21.66	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	104007	21.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	193019	21.20	ng/ul	0.00
29) 4-Chloroaniline-d4	11.17	131	1329	0.12	ng/ul	0.08
43) Dimethylphthalate-d6	14.18	166	723505	22.56	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	828706	22.96	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	102262	18.68	ng/ul	0.01
57) Fluorene-d10	15.78	176	683365	23.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	119929	18.42	ng/ul	0.00
70) Anthracene-d10	17.65	188	1098526	24.02	ng/ul	0.00
76) Pyrene-d10	19.94	212	1272711	21199.81	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.03	264	1159108	23.84	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	14.23	163	454877	14.32	ng/ul	98
69) Phenanthrene	17.59	178	105626	2.01	ng/ul	99
71) Anthracene	17.59	178	105626	1.97	ng/ul	100
74) Fluoranthene	19.60	202	141106	2.62	ng/ul#	95
77) Pyrene	20.08	202	828	11.29	ng/ul#	65
78) Butylbenzylphthalate	20.97	149	701	24.93	ng/ul#	89
79) 3,3'-Dichlorobenzidine	21.88	252	380	18.18	ng/ul#	1
80) Benzo(a)anthracene	21.92	228	87377	1308.22	ng/ul	95
81) Bis(2-ethylhexyl)phthalate	21.86	149	794	21.23	ng/ul#	57
82) Chrysene	21.92	228	85914	1414.67	ng/ul	97
86) Benzo(k)fluoranthene	24.19	252	60261	1.00	ng/ul	97

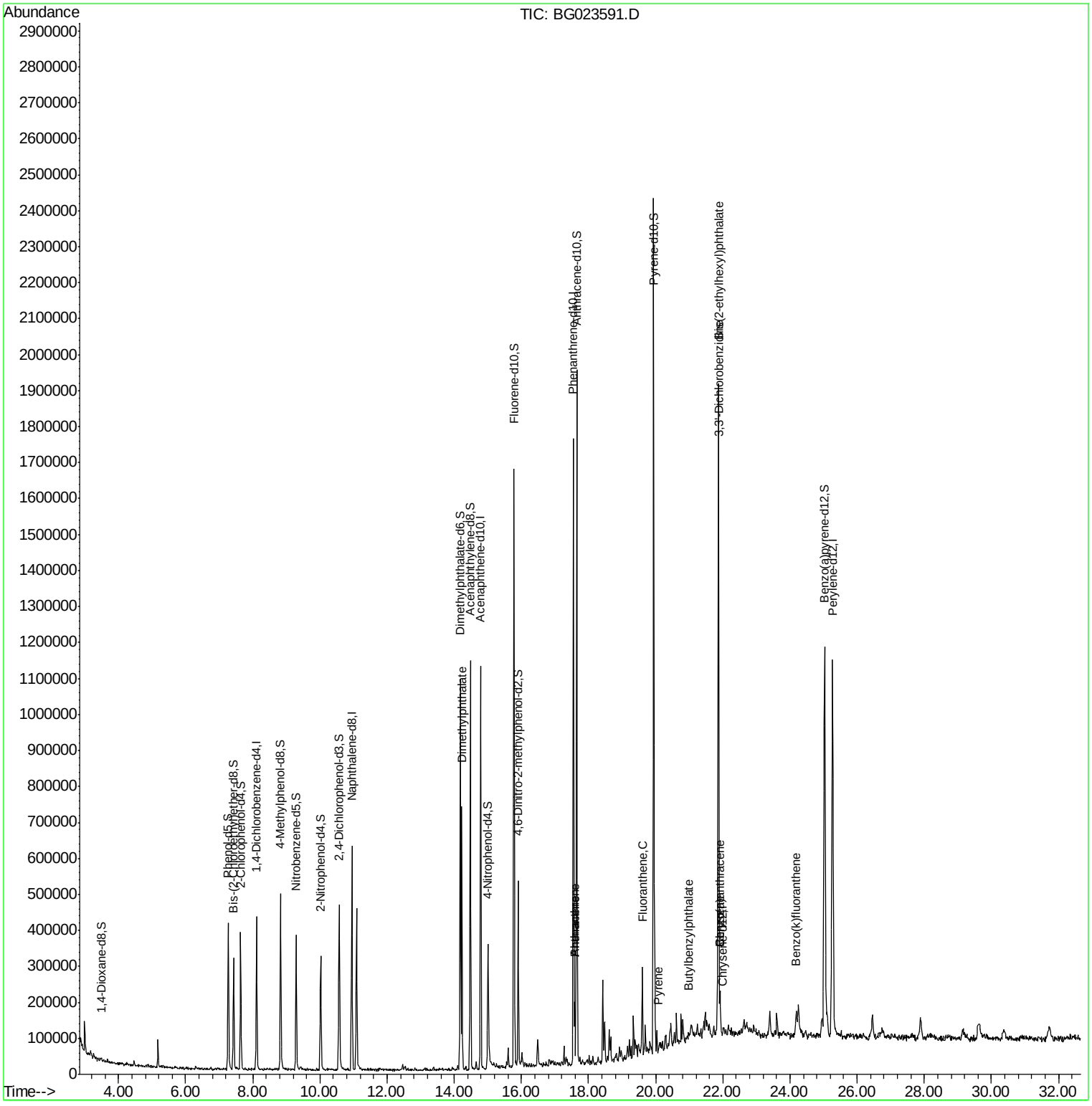
(#) = qualifier out of range (m) = manual integration (+) = signals summed

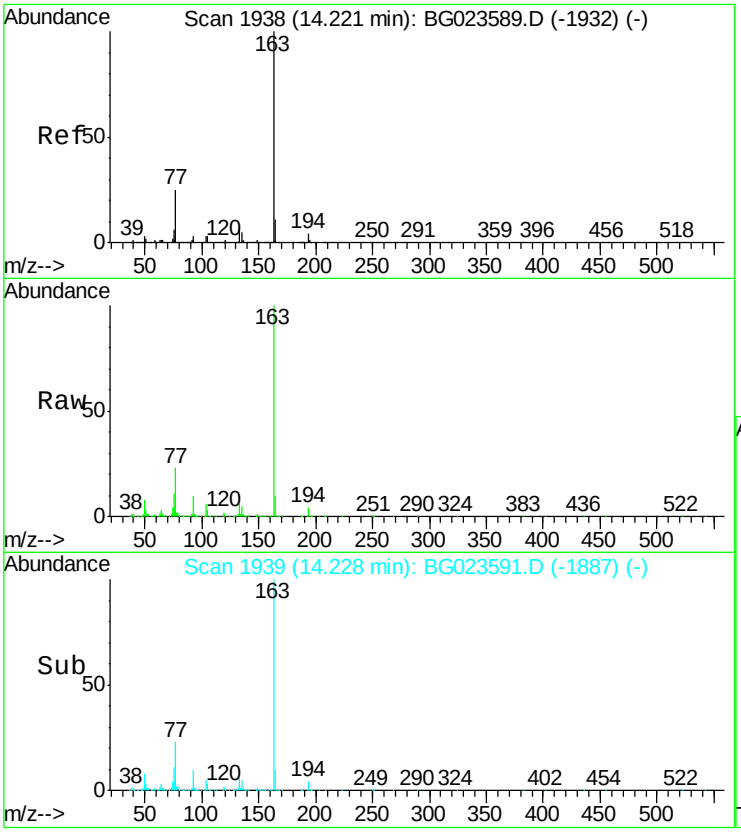
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023591.D
Acq On : 10 Aug 2016 14:21
Operator : UM/SJ
Sample : H4360-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS002-3642-01

Quant Time: Aug 11 03:58:13 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 11 03:58:16 2016
Response via : Initial Calibration



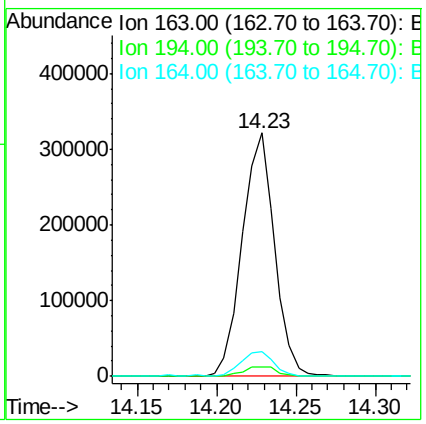


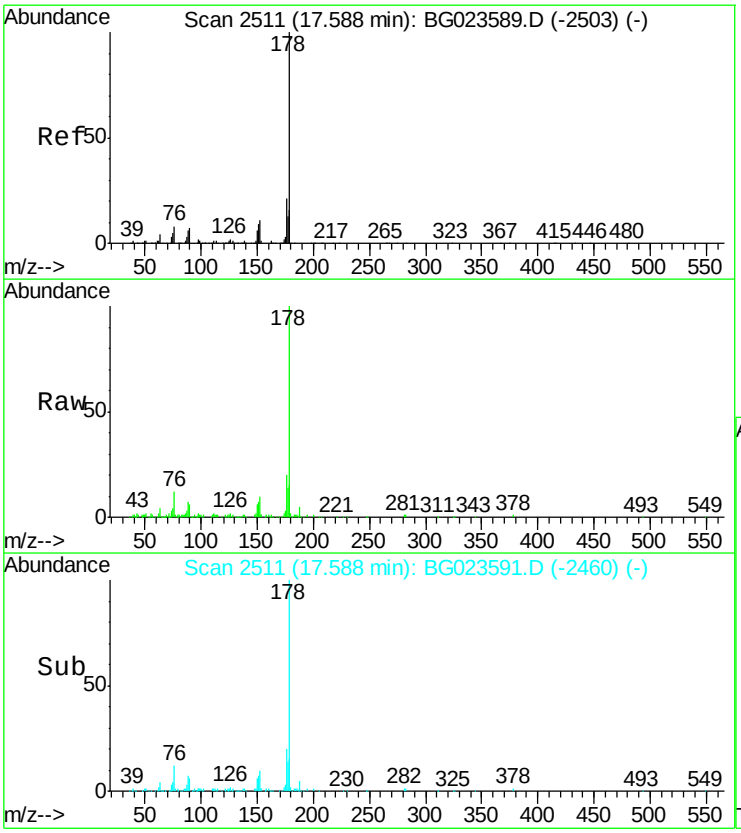
#44
Dimethylphthalate
Concen: 14.32 ng/ul
RT: 14.23 min Scan# 1939
Delta R.T. 0.01 min
Lab File: BG023591.D
Acq: 10 Aug 2016 14:21

Instrument :
BNA_G
ClientSampleId :
PR001-SS002-3642-01

Tgt Ion:163 Resp: 454877

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.2
164	10.1	8.8	13.2

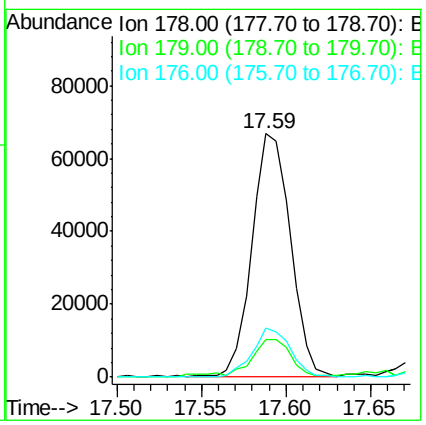


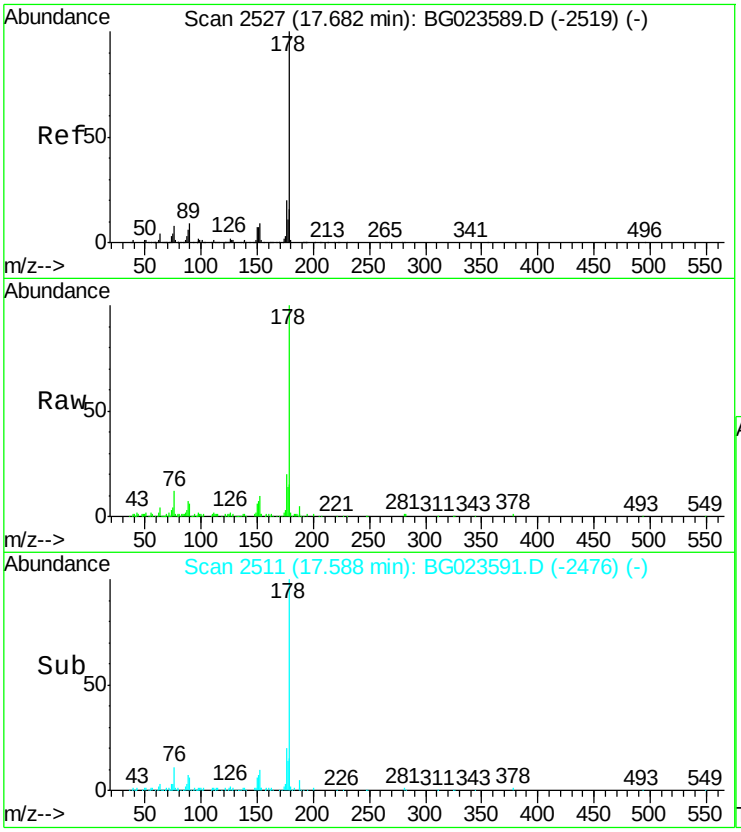


#69
Phenanthrene
Concen: 2.01 ng/ul
RT: 17.59 min Scan# 2511
Delta R.T. 0.00 min
Lab File: BG023591.D
Acq: 10 Aug 2016 14:21

Tgt Ion:178 Resp: 105626

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.9	19.3
176	20.2	15.8	23.8



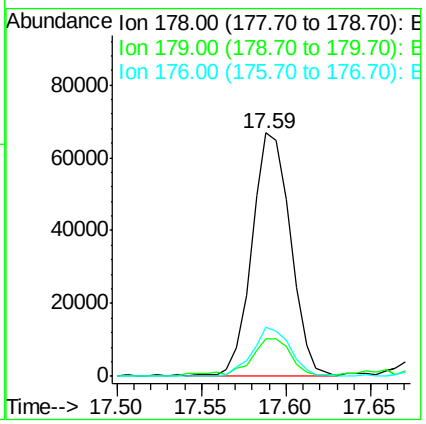


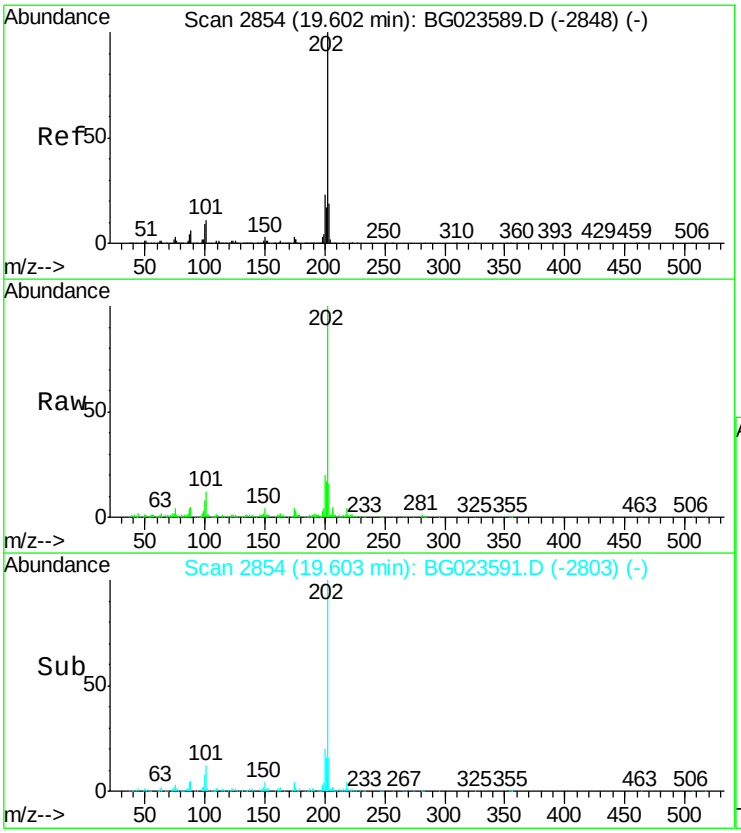
#71
Anthracene
Concen: 1.97 ng/ul
RT: 17.59 min Scan# 2511
Delta R.T. -0.09 min
Lab File: BG023591.D
Acq: 10 Aug 2016 14:21

Instrument :
BNA_G
ClientSampleId :
PR001-SS002-3642-01

Tgt Ion:178 Resp: 105626

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	20.2	16.3	24.5

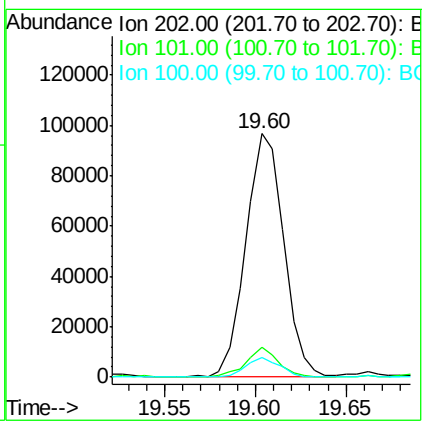


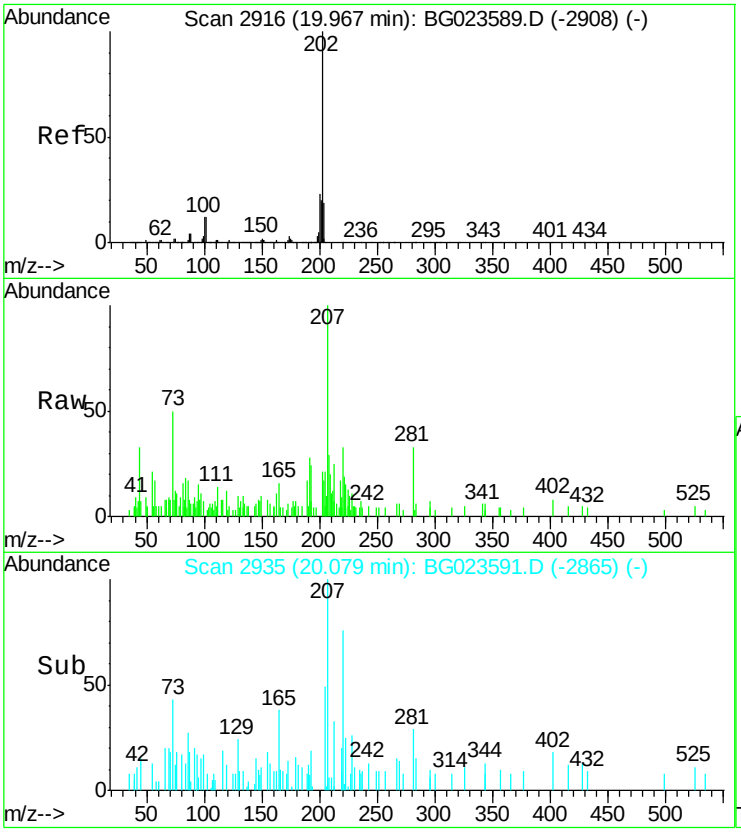


#74
Fluoranthene
Concen: 2.62 ng/ul
RT: 19.60 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BG023591.D
Acq: 10 Aug 2016 14:21

Tgt Ion:202 Resp: 141106

Ion	Ratio	Lower	Upper
202	100		
101	12.3	10.6	16.0
100	8.1	8.7	13.1#



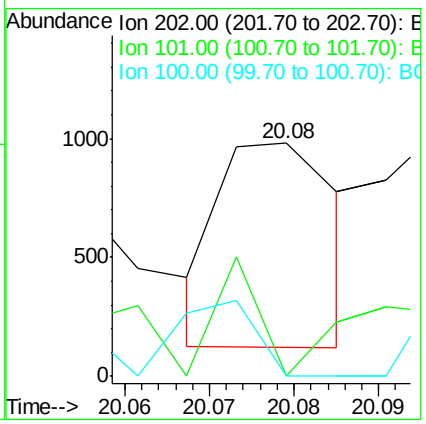


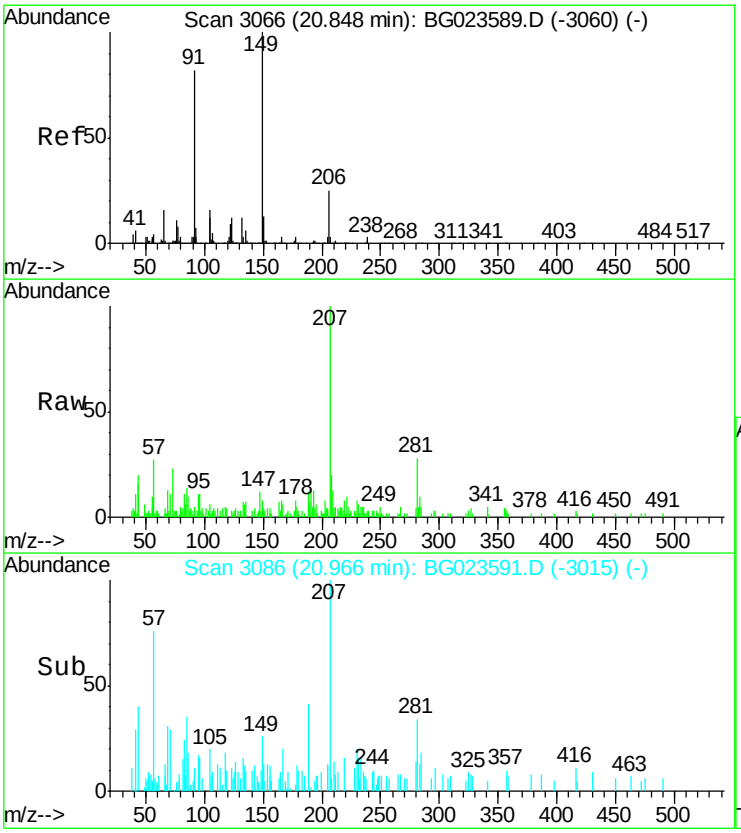
#77
Pyrene
Concen: 11.29 ng/ul
RT: 20.08 min Scan# 2935
Delta R.T. 0.11 min
Lab File: BG023591.D
Acq: 10 Aug 2016 14:21

Instrument :
BNA_G
ClientSampleId :
PR001-SS002-3642-01

Tgt Ion:202 Resp: 828

Ion	Ratio	Lower	Upper
202	100		
101	0.0	12.5	18.7#
100	0.0	10.2	15.4#

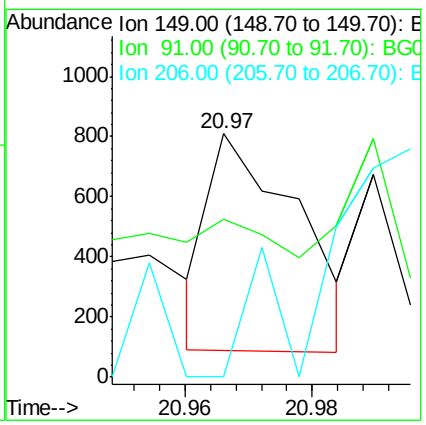


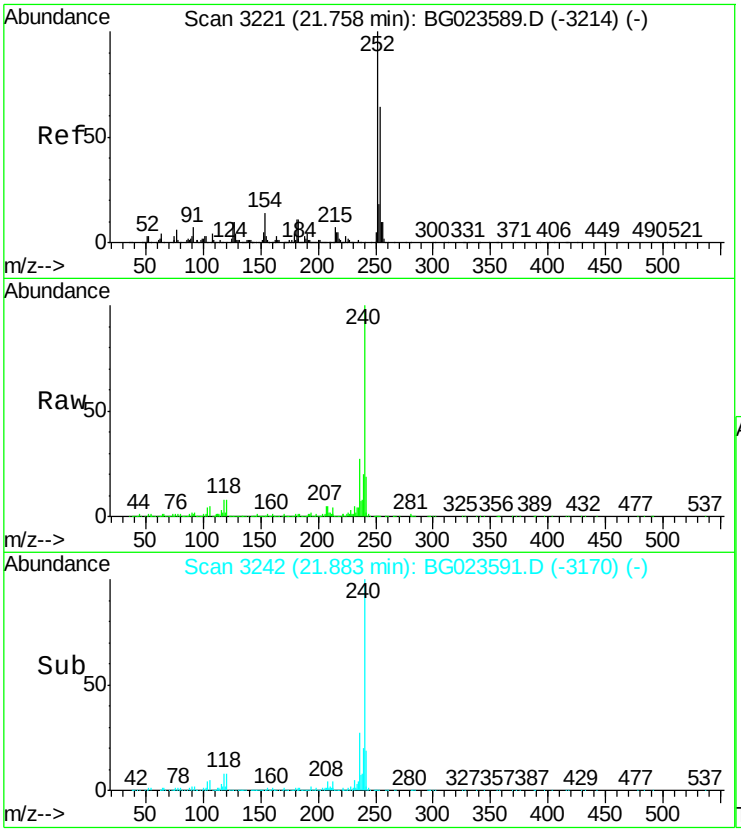


#78
Butylbenzylphthalate
Concen: 24.93 ng/ul
RT: 20.97 min Scan# 3086
Delta R.T. 0.12 min
Lab File: BG023591.D
Acq: 10 Aug 2016 14:21

Tgt Ion:149 Resp: 701

Ion	Ratio	Lower	Upper
149	100		
91	65.1	54.2	81.4
206	0.0	14.1	21.1#



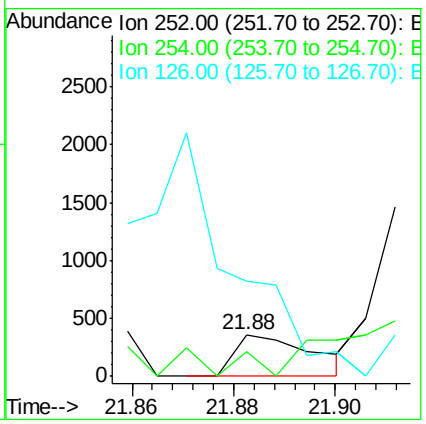


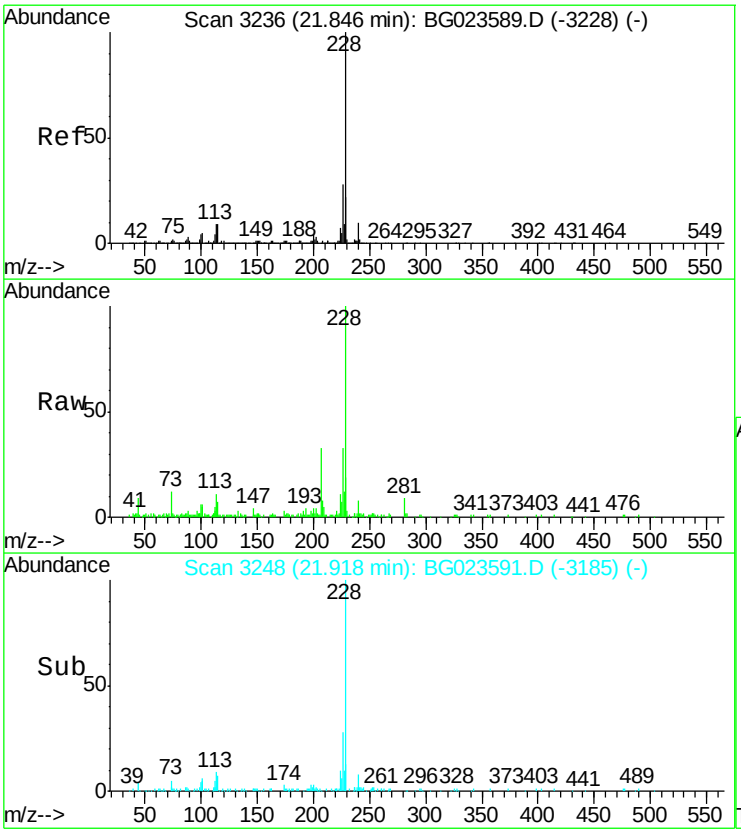
#79
3,3'-Dichlorobenzidine
Concen: 18.18 ng/ul
RT: 21.88 min Scan# 3242
Delta R.T. 0.12 min
Lab File: BG023591.D
Acq: 10 Aug 2016 14:21

Instrument :
BNA_G
ClientSampleId :
PR001-SS002-3642-01

Tgt Ion:252 Resp: 380

Ion	Ratio	Lower	Upper
252	100		
254	59.2	51.4	77.2
126	230.7	10.7	16.1#

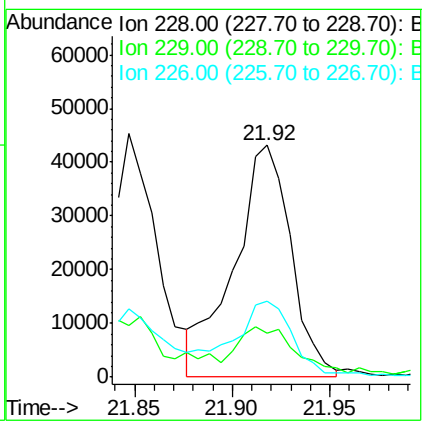


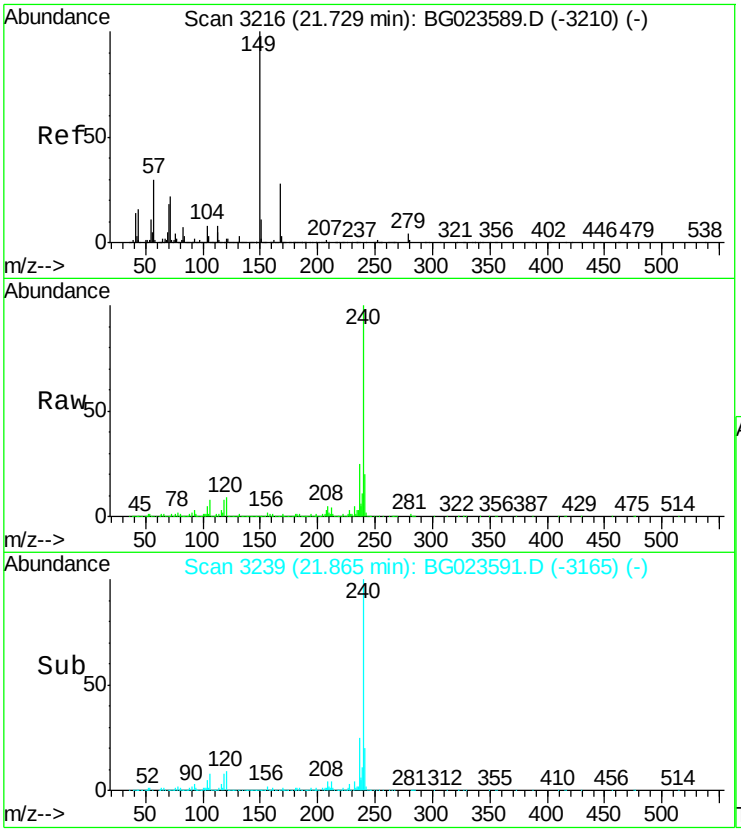


#80
Benzo(a)anthracene
Concen: 1308.22 ng/ul
RT: 21.92 min Scan# 3248
Delta R.T. 0.07 min
Lab File: BG023591.D
Acq: 10 Aug 2016 14:21

Tgt Ion:228 Resp: 87377

Ion	Ratio	Lower	Upper
228	100		
229	19.0	15.4	23.2
226	32.7	22.8	34.2



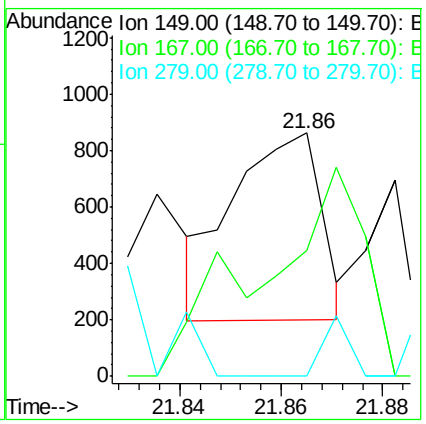


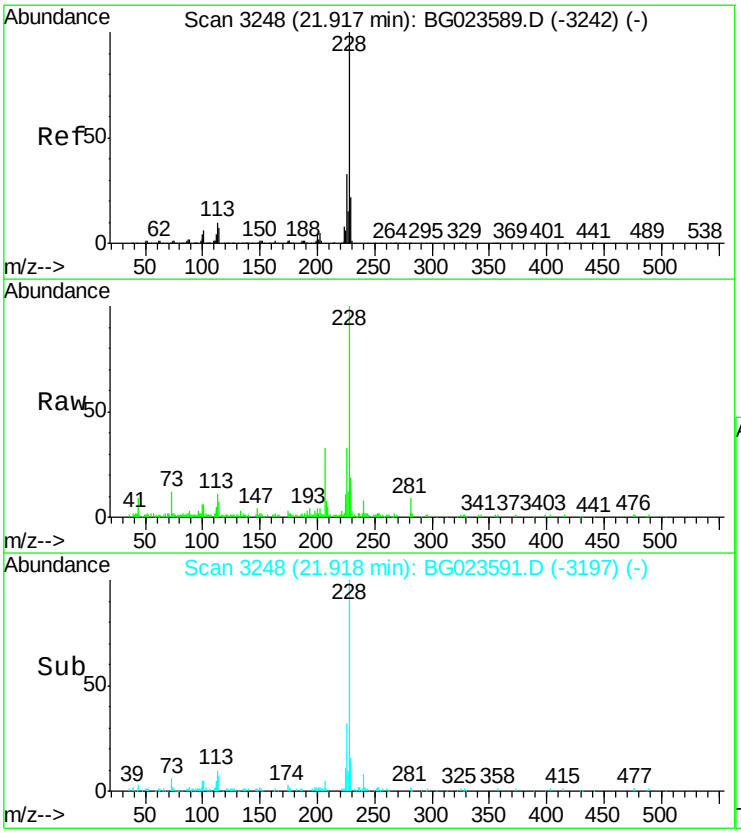
#81
Bis(2-ethylhexyl)phthalate
Concen: 21.23 ng/ul
RT: 21.86 min Scan# 3239
Delta R.T. 0.14 min
Lab File: BG023591.D
Acq: 10 Aug 2016 14:21

Instrument :
BNA_G
ClientSampleId :
PR001-SS002-3642-01

Tgt Ion:149 Resp: 794

Ion	Ratio	Lower	Upper
149	100		
167	51.8	21.9	32.9#
279	0.0	2.9	4.3#

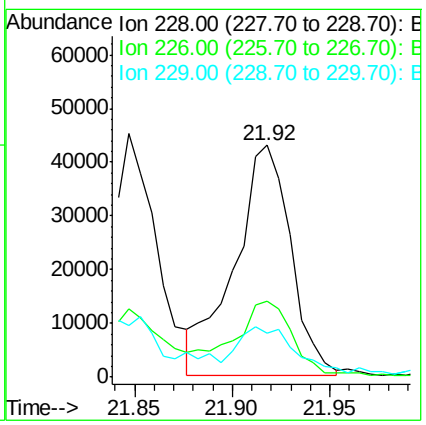


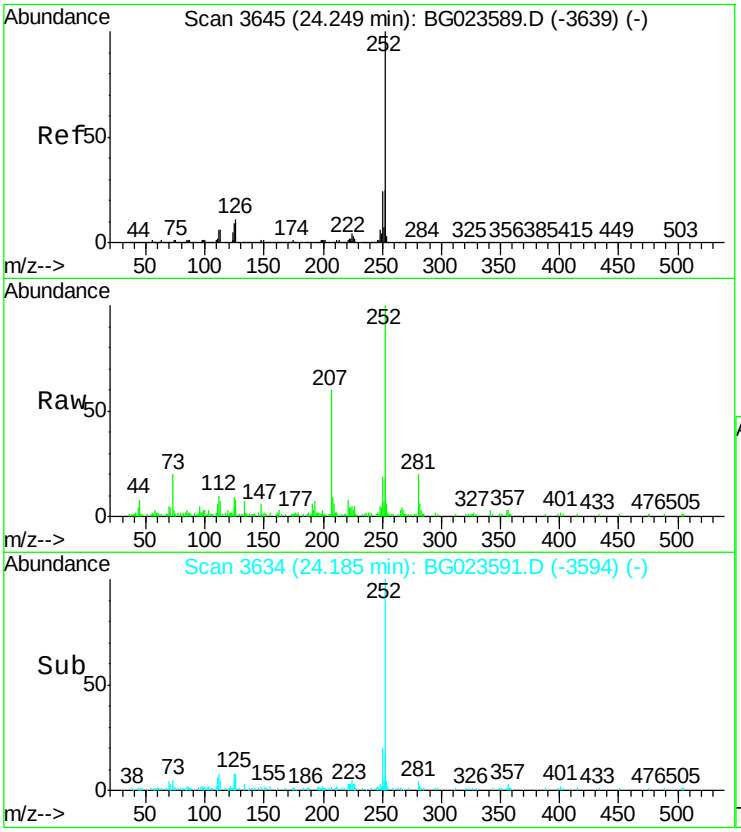


#82
Chrysene
Concen: 1414.67 ng/ul
RT: 21.92 min Scan# 3248
Delta R.T. 0.00 min
Lab File: BG023591.D
Acq: 10 Aug 2016 14:21

Tgt Ion:228 Resp: 85914

Ion	Ratio	Lower	Upper
228	100		
226	32.7	24.2	36.4
229	19.0	15.0	22.6





#86
Benzo(k)fluoranthene
Concen: 1.00 ng/ul
RT: 24.19 min Scan# 3634
Delta R.T. -0.06 min
Lab File: BG023591.D
Acq: 10 Aug 2016 14:21

Instrument :
BNA_G
ClientSampleId :
PR001-SS002-3642-01

Tgt Ion:252 Resp: 60261

Ion	Ratio	Lower	Upper
252	100		
253	18.1	15.8	23.6
125	14.0	10.6	16.0