Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG081216\
Data File : BG023679.D
Acq On : 13 Aug 2016 6:24
Operator : UM/SJ
Sample : H4360-22DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-1218-01DL

Quant Time: Aug 15 18:25:51 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 06:38:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	101811	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	482316	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	329942	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	777765	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	772848	20.00	ng/ul	0.00
83) Perylene-d12	25.28	264	768344	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	402	0.17	ng/uL	0.00
5) Phenol-d5	7.27	99	12670	1.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	13297	2.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	13046	1.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.84	113	8540	1.07	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	6843	1.80	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	8210	1.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.58	165	4614	0.56	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	11756	1.22	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	61213	2.27	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	69685	2.29	ng/ul	0.00
51) 4-Nitrophenol-d4	15.03	143	60	0.01	ng/ul	0.03
57) Fluorene-d10	15.79	176	57345	2.30	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.93	200	3165	0.63	ng/ul	0.00
70) Anthracene-d10	17.65	188	80996	2.31	ng/ul	0.00
76) Pyrene-d10	19.94	212	91853	2.35	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.04	264	78218	2.25	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	14.23	163	30506	1.14	ng/ul#	91
69) Phenanthrene	17.59	178	311180	7.73	ng/ul	98
71) Anthracene	17.69	178	59494	1.45	ng/ul	93
74) Fluoranthene	19.60	202	381658	9.26	ng/ul#	91
80) Benzo(a)anthracene	21.85	228	191218	4.39	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.74	149	5119422	210.10	ng/ul#	41
82) Chrysene	21.92	228	202239	5.11	ng/ul	99
84) Di-n-octyl phthalate	23.00	149	335600	8.65	ng/ul	100
85) Benzo(b)fluoranthene	24.19	252	222236	5.09	ng/ul	99
86) Benzo(k)fluoranthene	24.19	252	222236	5.17	ng/ul	97
88) Benzo(a)pyrene	24.96	252	114829	2.72	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.18	276	104667	2.11	ng/ul#	85

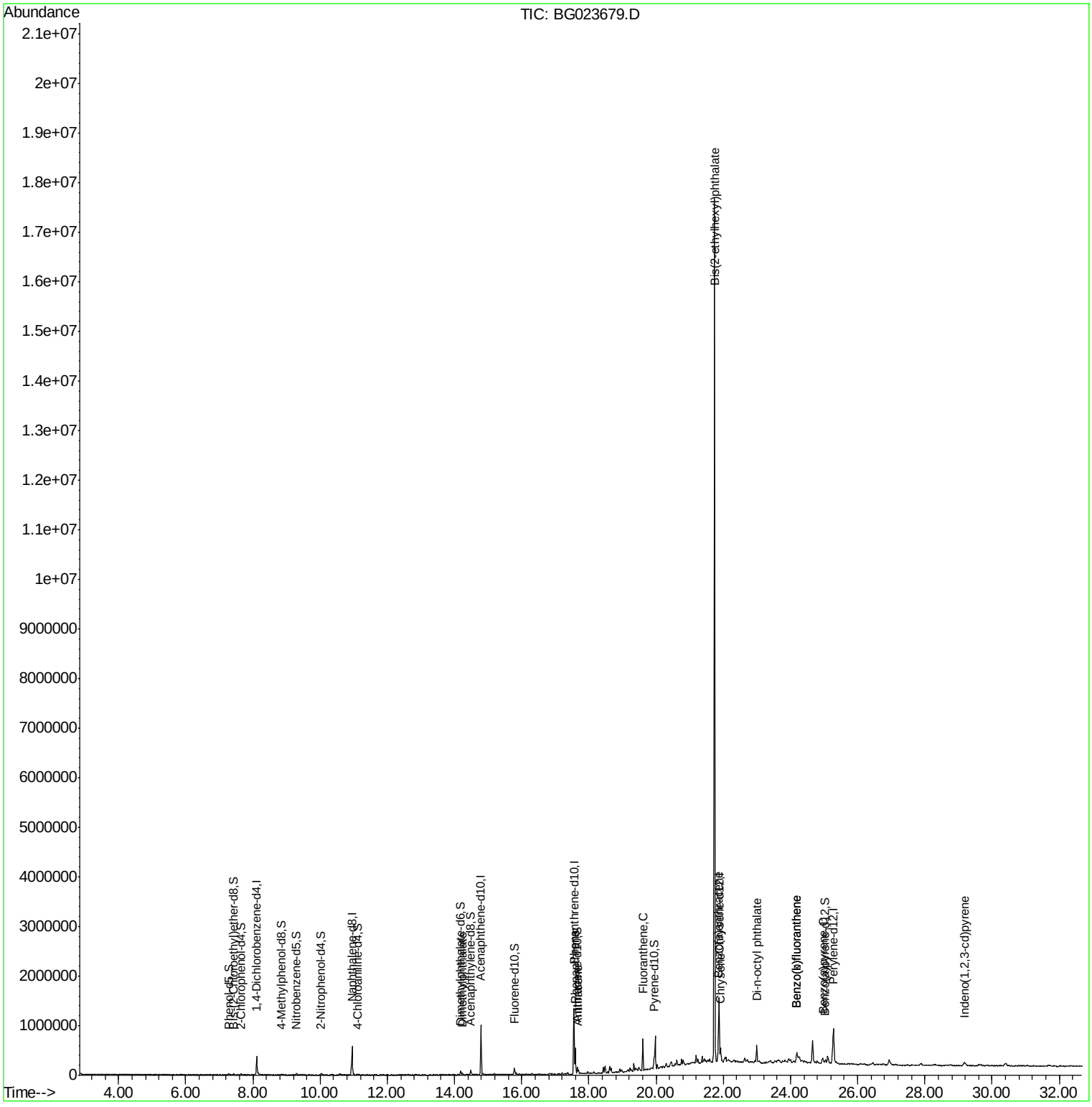
(#) = qualifier out of range (m) = manual integration (+) = signals summed

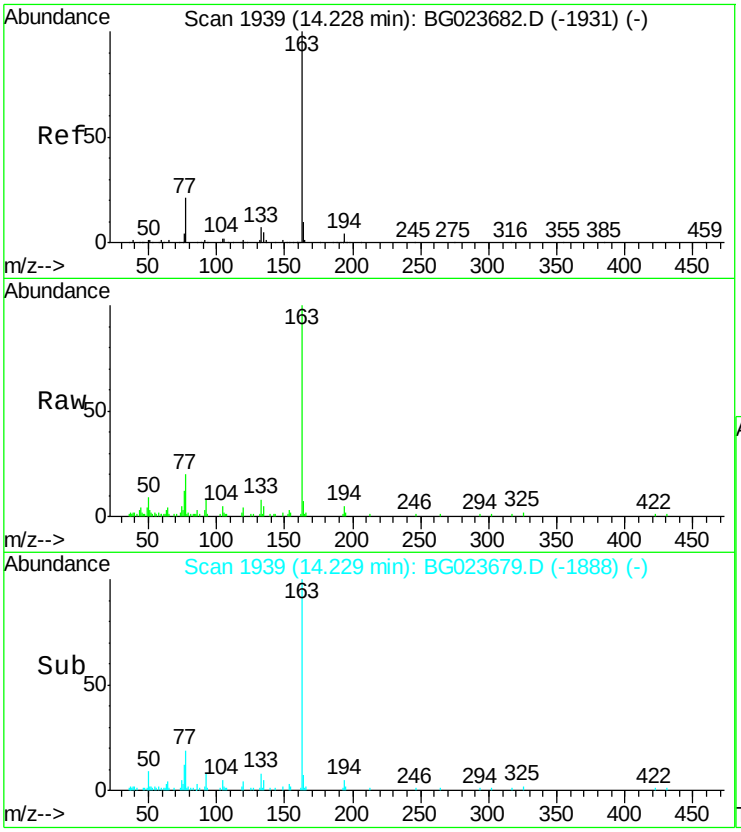
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG081216\
Data File : BG023679.D
Acq On : 13 Aug 2016 6:24
Operator : UM/SJ
Sample : H4360-22DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-1218-01DL

Quant Time: Aug 15 18:25:51 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 06:38:14 2016
Response via : Initial Calibration



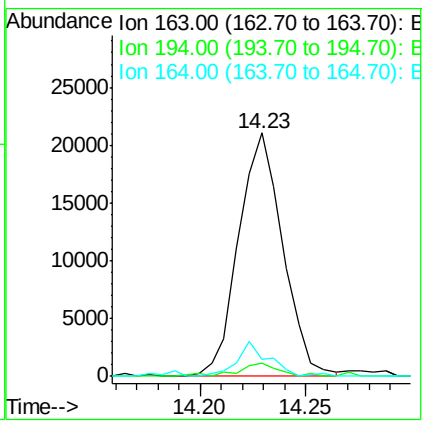


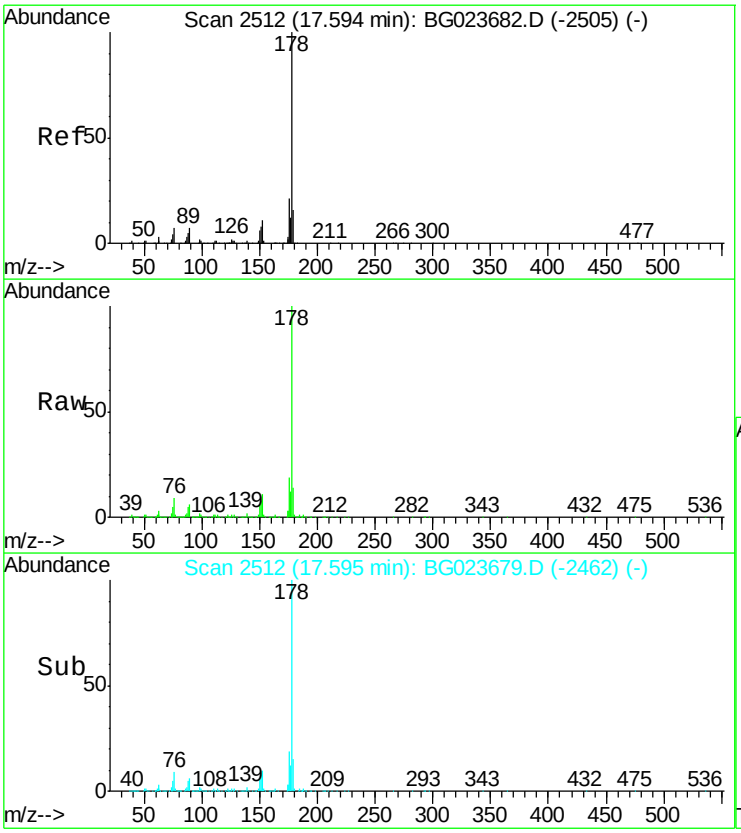
#44
Dimethylphthalate
Concen: 1.14 ng/ul
RT: 14.23 min Scan# 1939
Delta R.T. 0.00 min
Lab File: BG023679.D
Acq: 13 Aug 2016 6:24

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-1218-01DL

Tgt Ion:163 Resp: 30506

Ion	Ratio	Lower	Upper
163	100		
194	5.4	3.4	5.2#
164	7.0	8.8	13.2#

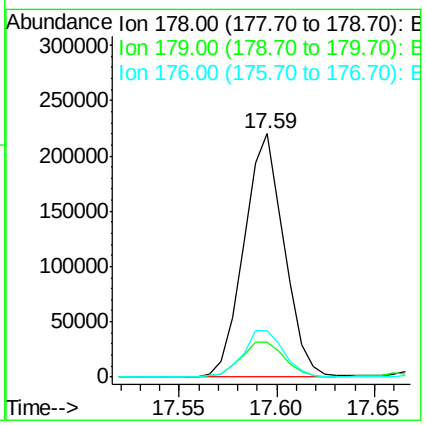


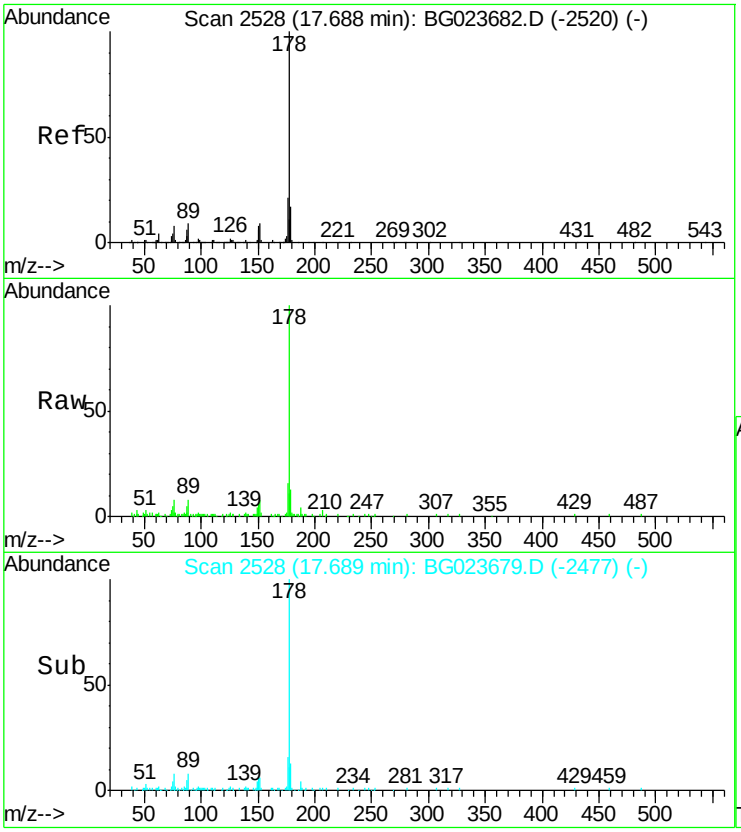


#69
Phenanthrene
Concen: 7.73 ng/ul
RT: 17.59 min Scan# 2512
Delta R.T. -0.00 min
Lab File: BG023679.D
Acq: 13 Aug 2016 6:24

Tgt Ion:178 Resp: 311180

Ion	Ratio	Lower	Upper
178	100		
179	14.5	12.9	19.3
176	19.2	15.8	23.8



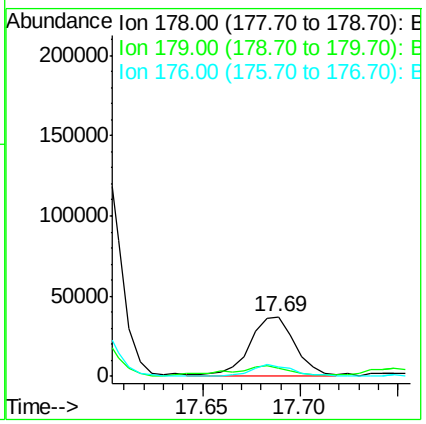


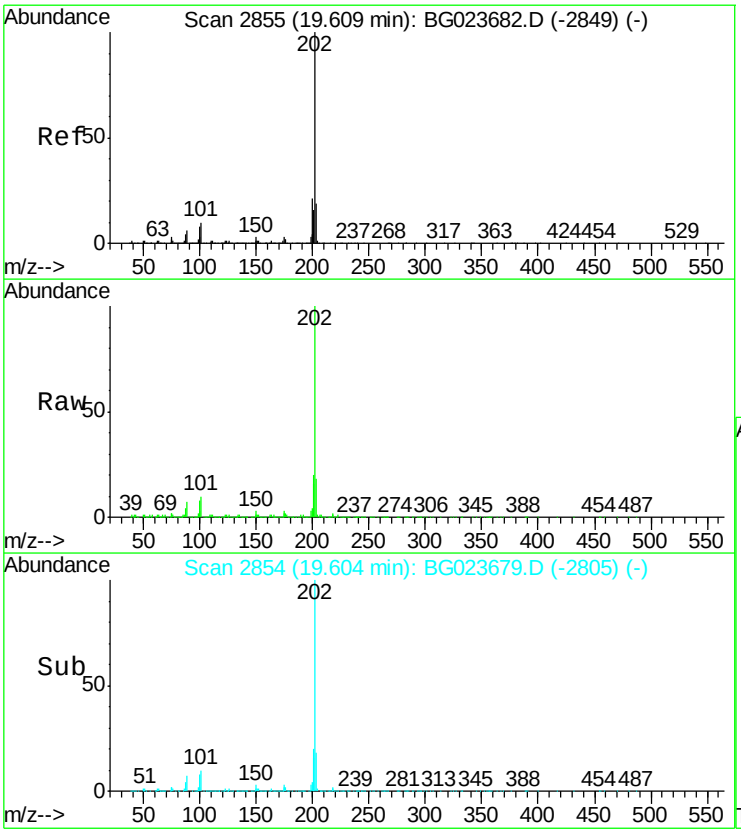
#71
Anthracene
Concen: 1.45 ng/ul
RT: 17.69 min Scan# 2528
Delta R.T. 0.00 min
Lab File: BG023679.D
Acq: 13 Aug 2016 6:24

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-1218-01DL

Tgt Ion:178 Resp: 59494

Ion	Ratio	Lower	Upper
178	100		
179	13.1	12.3	18.5
176	16.4	16.3	24.5

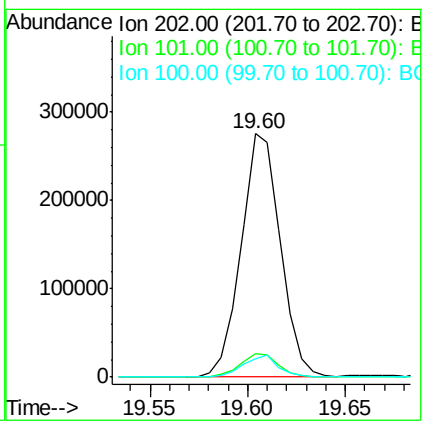


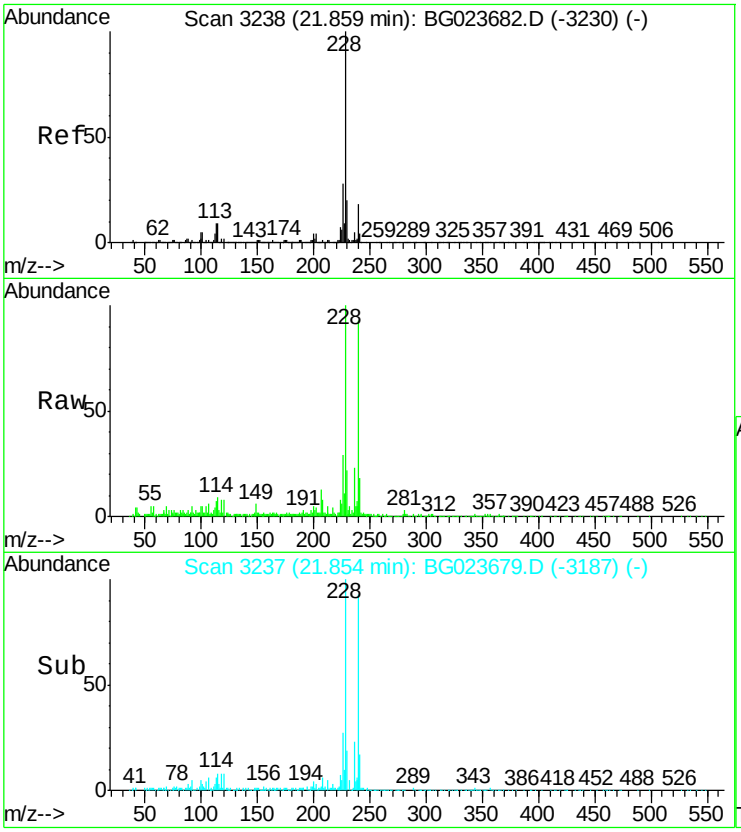


#74
Fluoranthene
Concen: 9.26 ng/ul
RT: 19.60 min Scan# 2854
Delta R.T. -0.01 min
Lab File: BG023679.D
Acq: 13 Aug 2016 6:24

Tgt Ion:202 Resp: 381658

Ion	Ratio	Lower	Upper
202	100		
101	9.6	10.6	16.0#
100	7.7	8.7	13.1#



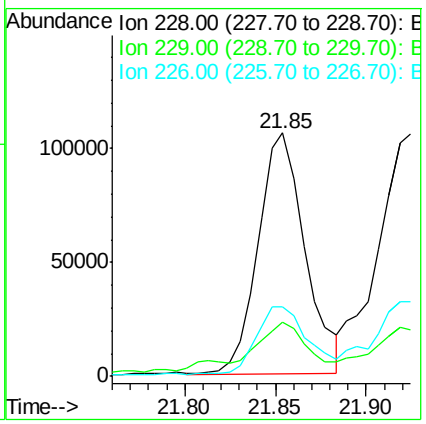


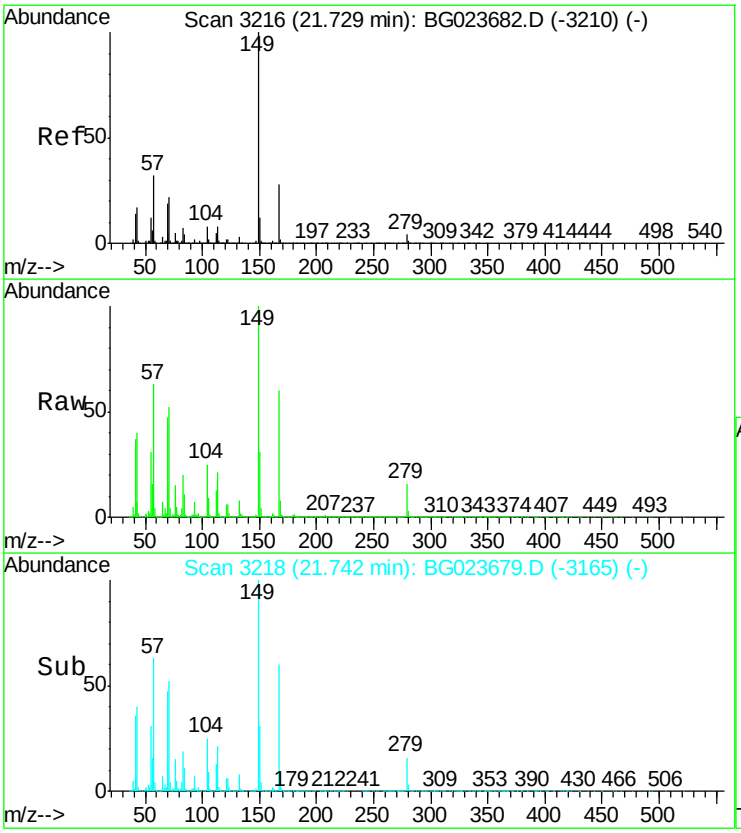
#80
Benzo(a)anthracene
Concen: 4.39 ng/ul
RT: 21.85 min Scan# 3237
Delta R.T. -0.00 min
Lab File: BG023679.D
Acq: 13 Aug 2016 6:24

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-1218-01DL

Tgt Ion:228 Resp: 191218

Ion	Ratio	Lower	Upper
228	100		
229	22.4	15.4	23.2
226	28.6	22.8	34.2

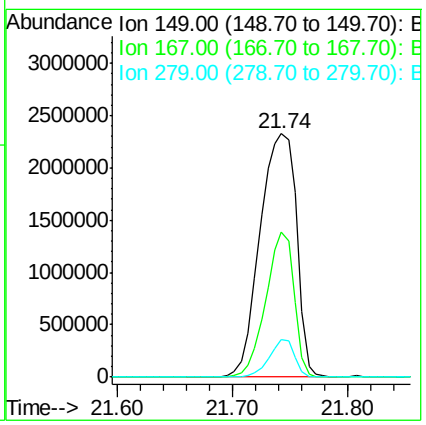


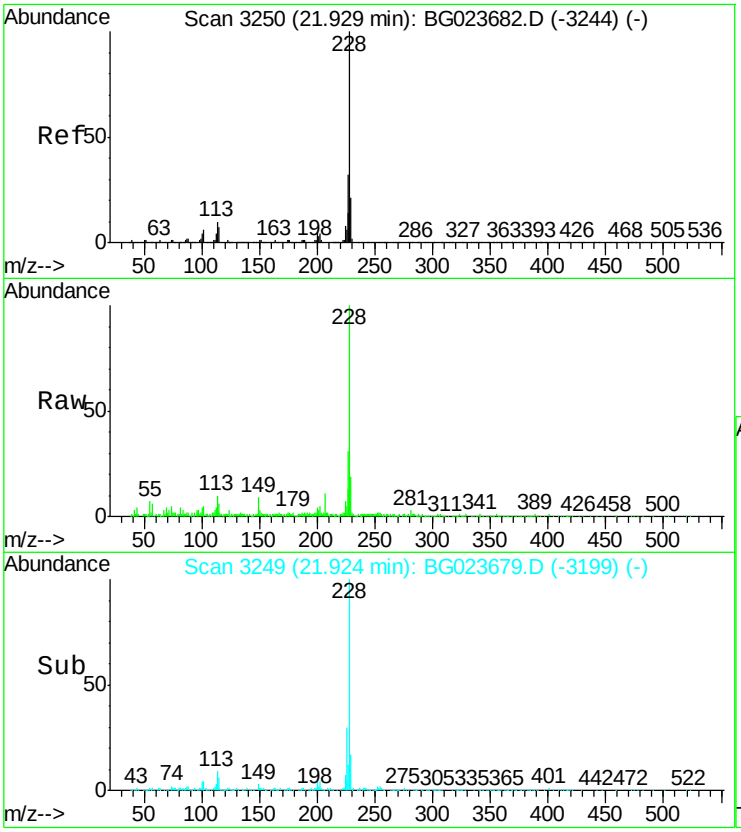


#81
Bis(2-ethylhexyl)phthalate
Concen: 210.10 ng/ul
RT: 21.74 min Scan# 3218
Delta R.T. 0.01 min
Lab File: BG023679.D
Acq: 13 Aug 2016 6:24

Tgt Ion:149 Resp: 5119422

Ion	Ratio	Lower	Upper
149	100		
167	59.6	21.9	32.9#
279	15.6	2.9	4.3#



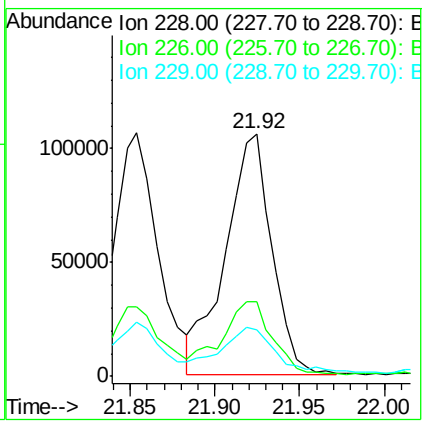


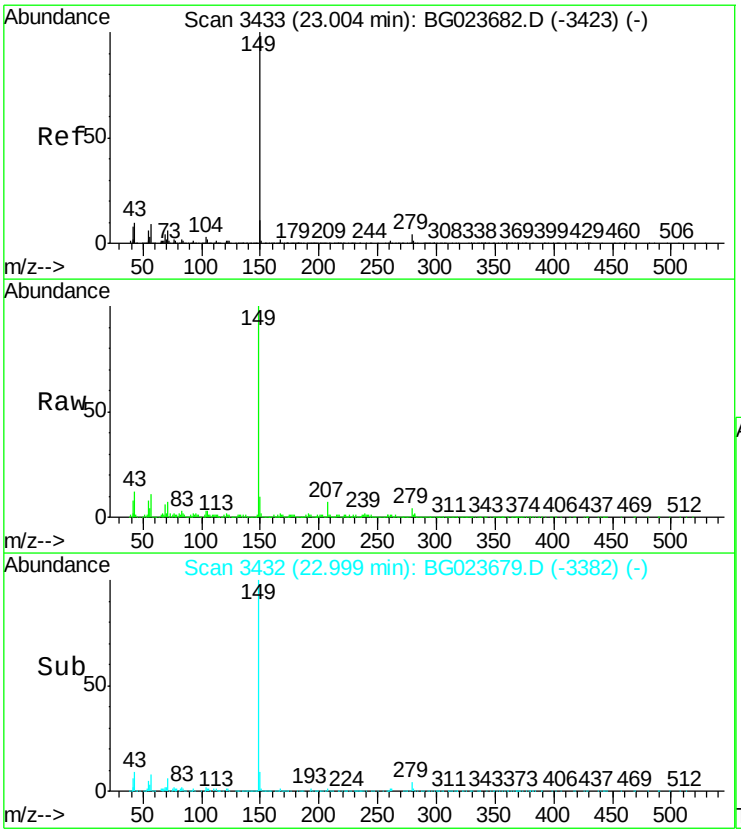
#82
Chrysene
Concen: 5.11 ng/ul
RT: 21.92 min Scan# 3249
Delta R.T. -0.00 min
Lab File: BG023679.D
Acq: 13 Aug 2016 6:24

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-1218-01DL

Tgt Ion:228 Resp: 202239

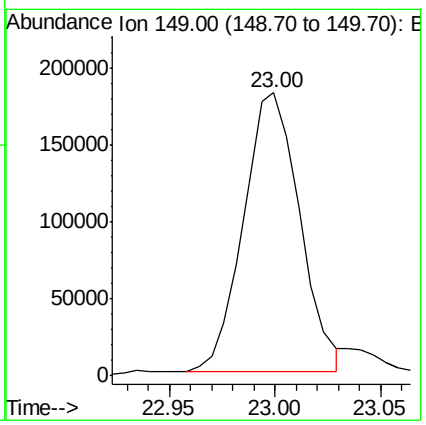
Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.2	36.4
229	19.2	15.0	22.6

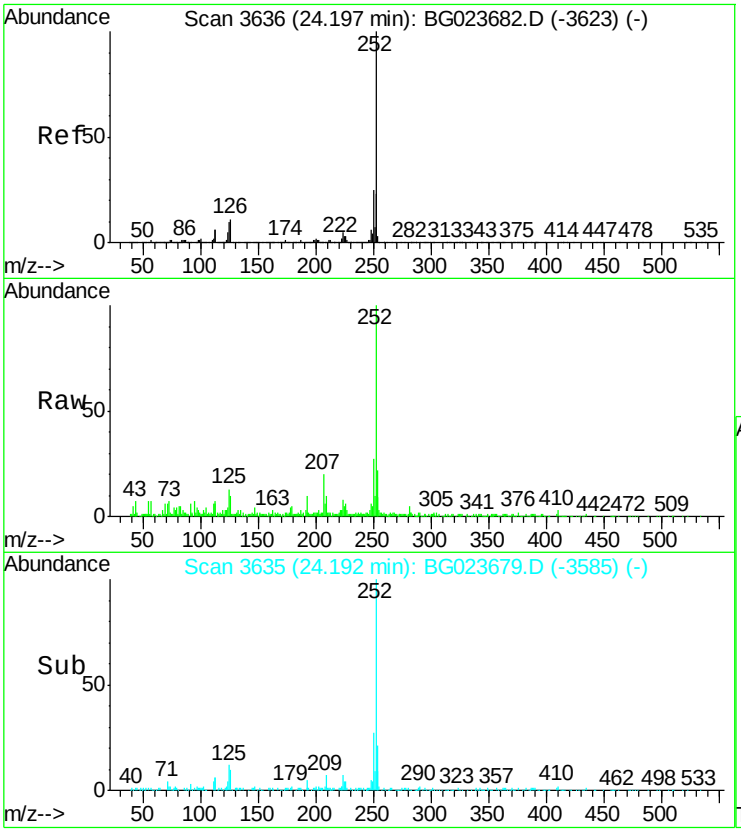




#84
Di-n-octyl phthalate
Concen: 8.65 ng/ul
RT: 23.00 min Scan# 3432
Delta R.T. -0.00 min
Lab File: BG023679.D
Acq: 13 Aug 2016 6:24

Tgt Ion:149 Resp: 335600



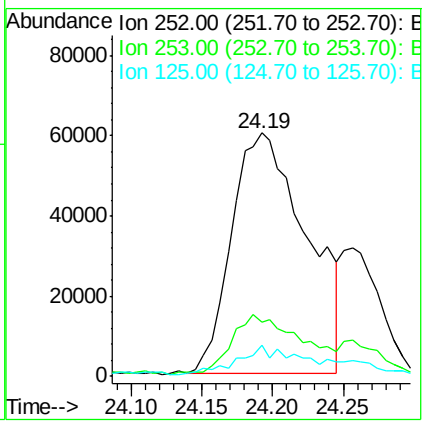


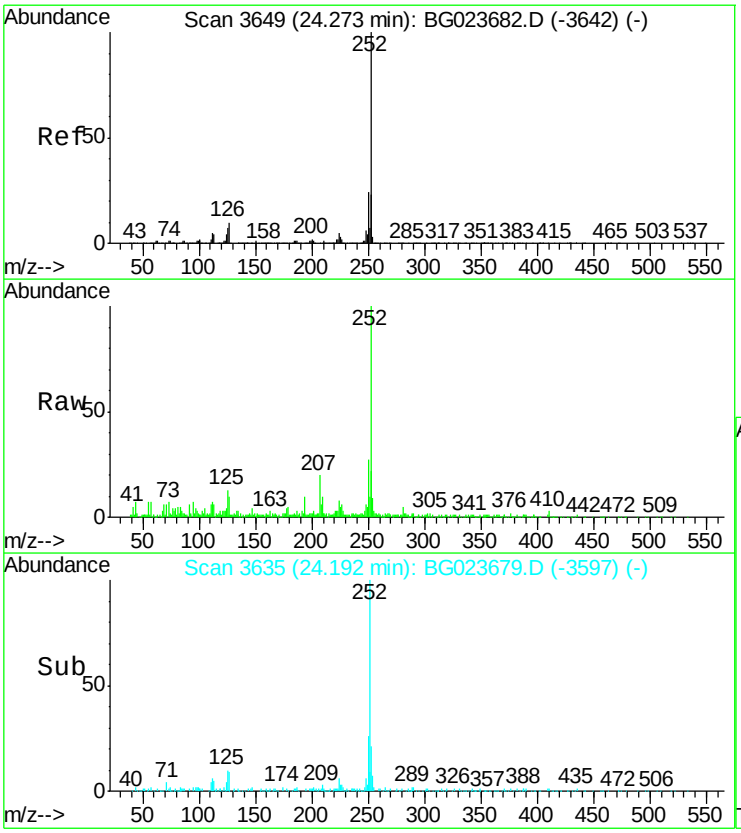
#85
Benzo(b)fluoranthene
Concen: 5.09 ng/ul
RT: 24.19 min Scan# 3635
Delta R.T. -0.00 min
Lab File: BG023679.D
Acq: 13 Aug 2016 6:24

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-1218-01DL

Tgt Ion:252 Resp: 222236

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	13.0	10.8	16.2

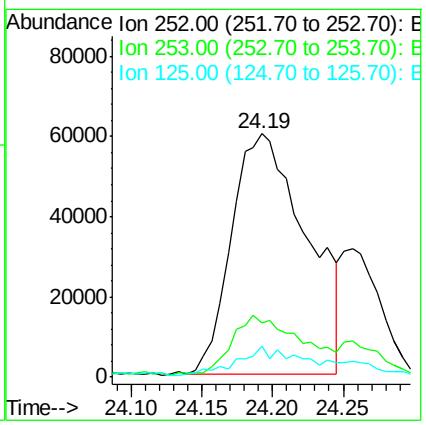


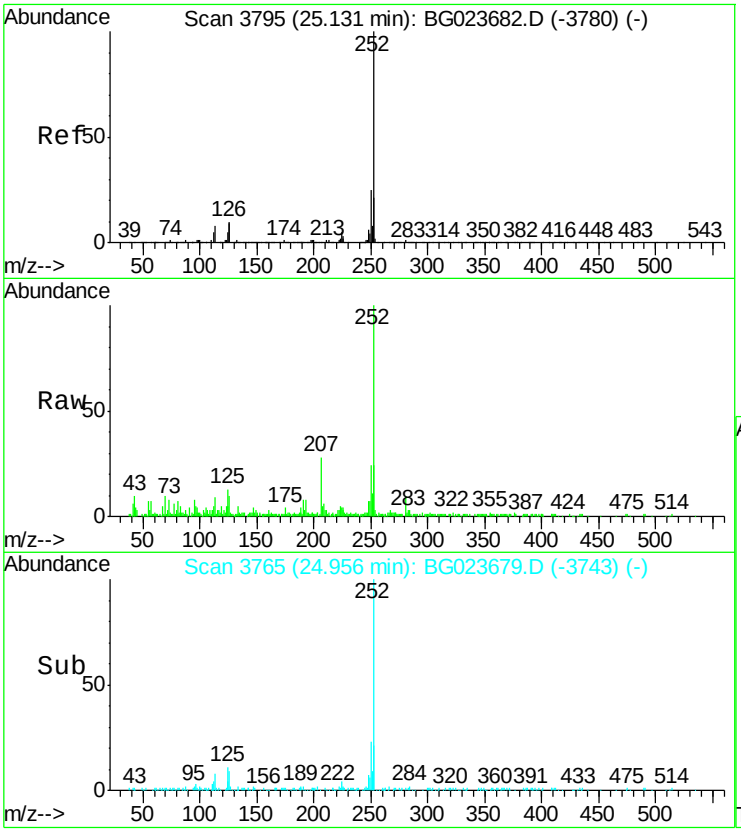


#86
Benzo(k)fluoranthene
Concen: 5.17 ng/ul
RT: 24.19 min Scan# 3635
Delta R.T. -0.07 min
Lab File: BG023679.D
Acq: 13 Aug 2016 6:24

Tgt Ion:252 Resp: 222236

Ion	Ratio	Lower	Upper
252	100		
253	22.1	15.8	23.6
125	13.0	10.6	16.0



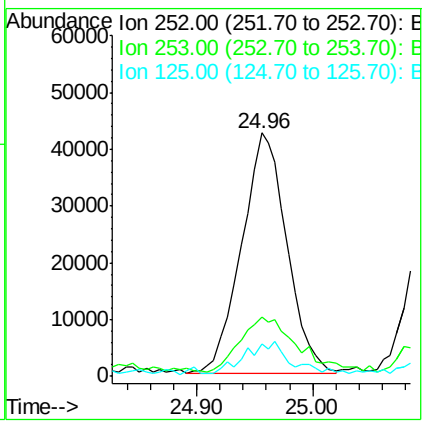


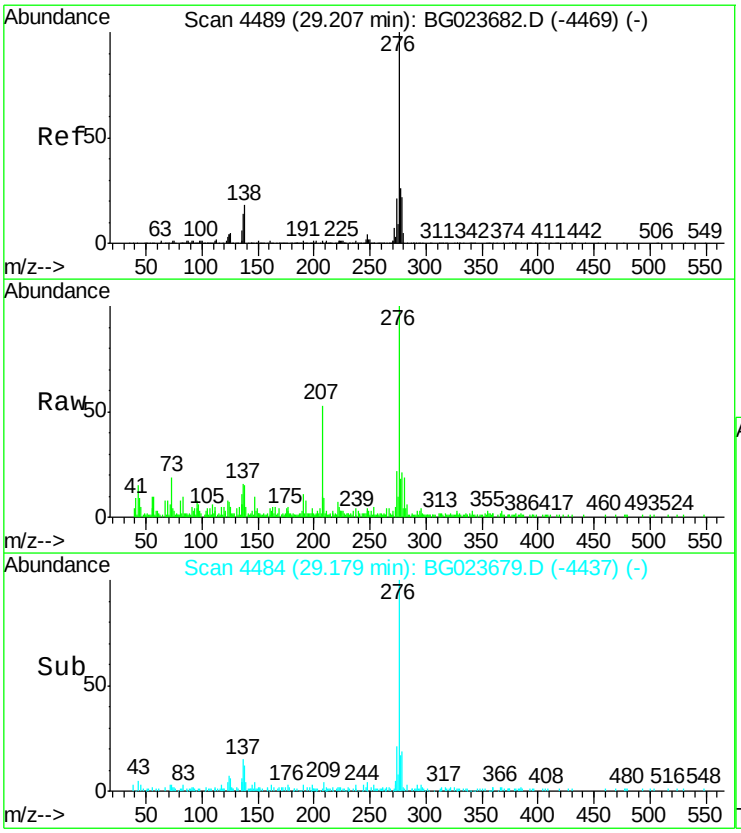
#88
Benzo(a)pyrene
Concen: 2.72 ng/ul
RT: 24.96 min Scan# 3765
Delta R.T. -0.17 min
Lab File: BG023679.D
Acq: 13 Aug 2016 6:24

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-1218-01DL

Tgt Ion:252 Resp: 114829

Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.0	28.4
125	13.2	12.0	18.0





#89
Indeno(1,2,3-cd)pyrene
Concen: 2.11 ng/ul
RT: 29.18 min Scan# 4484
Delta R.T. -0.02 min
Lab File: BG023679.D
Acq: 13 Aug 2016 6:24

Tgt Ion:276 Resp: 104667

Ion	Ratio	Lower	Upper
276	100		
138	14.9	20.8	31.2#
277	18.3	17.6	26.4