Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023627.D
Acq On : 11 Aug 2016 15:16
Operator : UM/SJ
Sample : H4362-02DL 20X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-3642-01DL

Manual Integrations APPROVED
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Quant Time: Aug 12 04:15:23 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 12 03:45:04 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	183338	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	883819	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	565712	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1082128	20.00	ng/ul	0.00
75) Chrysene-d12	21.87	240	1078881	20.00	ng/ul	0.00
83) Perylene-d12	25.27	264	1118559	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	390	0.09	ng/uL	0.00
5) Phenol-d5	7.27	99	12232	0.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	11505	0.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	11806	0.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.84	113	6250	0.43	ng/ul	0.02
19) Nitrobenzene-d5	9.30	128	6168	0.89	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	4302	0.54	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.59	165	10038	0.67	ng/ul	0.02
29) 4-Chloroaniline-d4	11.10	131	7447	0.42	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	49483	1.07	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	55783	1.07	ng/ul	0.00
51) 4-Nitrophenol-d4	15.02	143	138	0.02	ng/ul	0.02
57) Fluorene-d10	15.78	176	47100	1.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	139	0.02	ng/ul	0.05
70) Anthracene-d10	17.65	188	56039	1.15	ng/ul	0.00
76) Pyrene-d10	19.94	212	60779	1.11	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.02	264	59636	1.18	ng/ul	-0.02
Target Compounds						Qvalue
69) Phenanthrene	17.59	178	213926	3.82	ng/ul	96
74) Fluoranthene	19.60	202	304077	5.30	ng/ul#	93
77) Pyrene	19.97	202	332346m	4.98	ng/ul	
80) Benzo(a)anthracene	21.85	228	166373	2.74	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.73	149	3231952	95.01	ng/ul#	73
82) Chrysene	21.92	228	167556m	3.03	ng/ul	
84) Di-n-octyl phthalate	22.99	149	128886	2.28	ng/ul	100
85) Benzo(b)fluoranthene	24.19	252	178552	2.81	ng/ul#	96
86) Benzo(k)fluoranthene	24.25	252	63603	1.02	ng/ul#	95
88) Benzo(a)pyrene	25.10	252	131196	2.14	ng/ul	96
89) Indeno(1,2,3-cd)pyrene	29.14	276	84264	1.17	ng/ul#	88
91) Benzo(g,h,i)perylene	30.37	276	85127m	1.42	ng/ul	

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

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Instrument :
BNA_G
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Manual Integrations APPROVED
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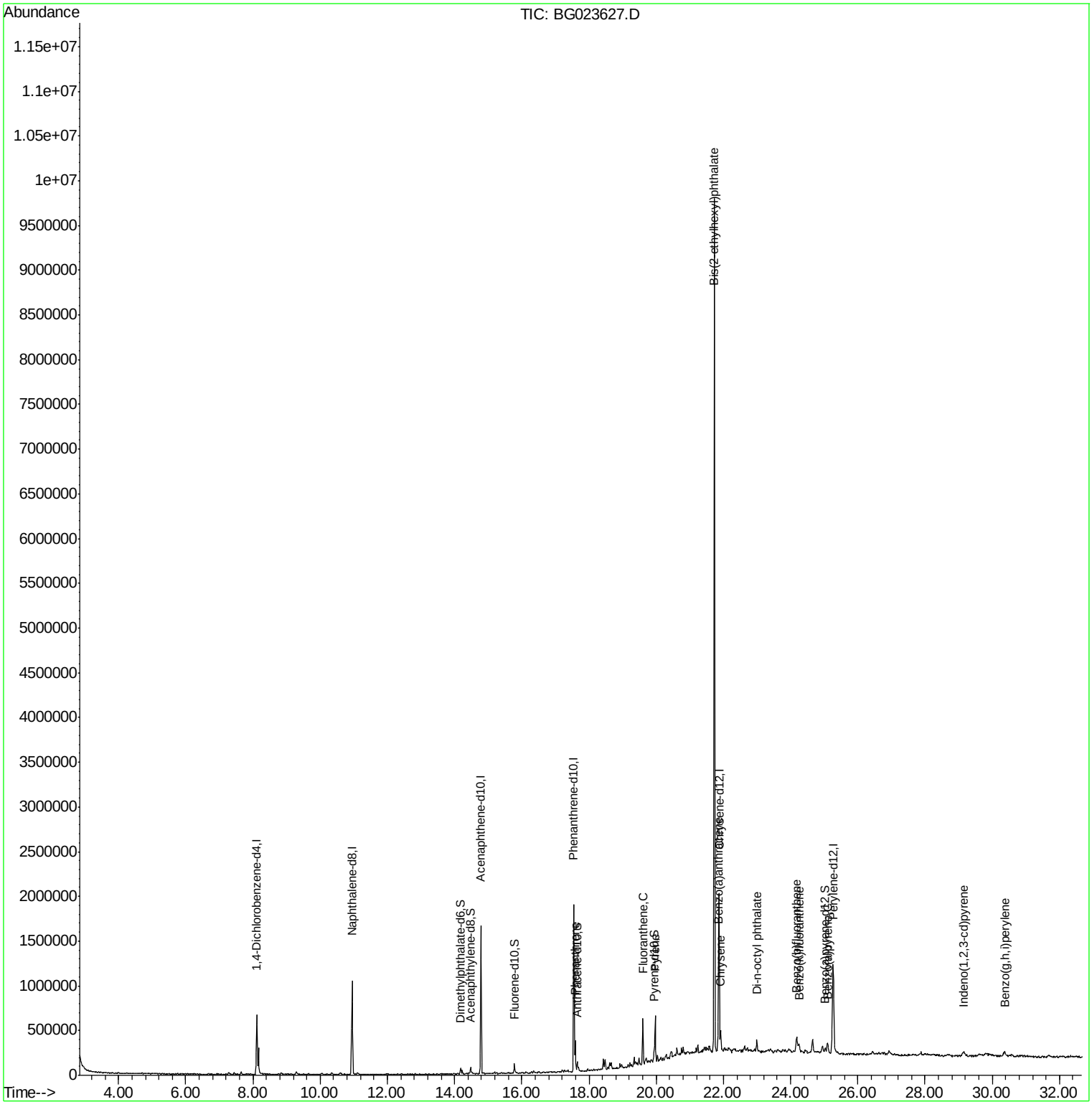
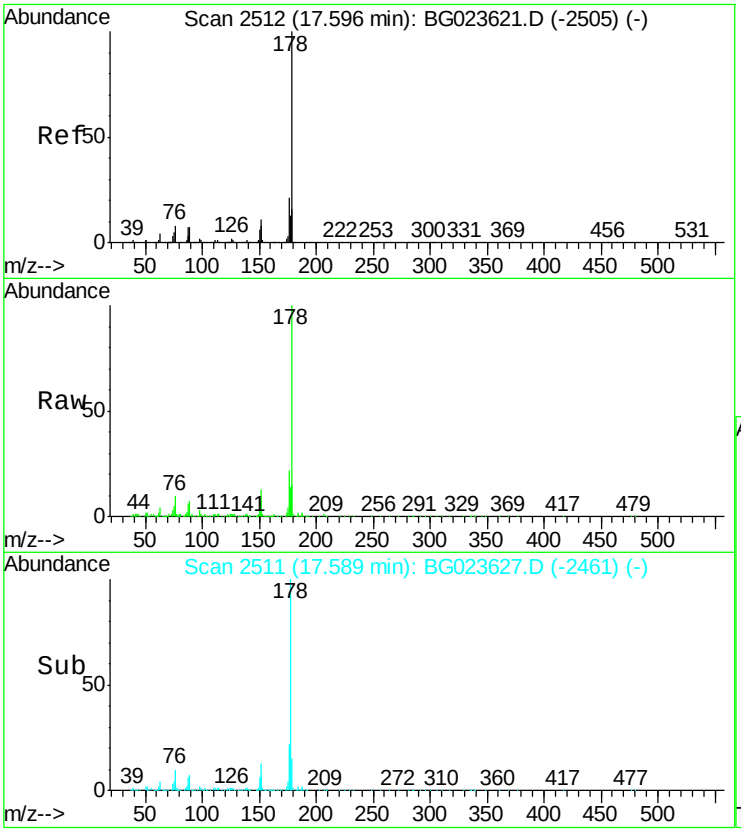
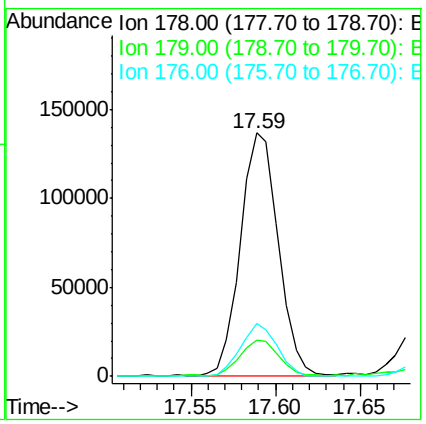




#69
Phenanthrene
Concen: 3.82 ng/ul
RT: 17.59 min Scan# 2511
Delta R.T. -0.01 min
Lab File: BG023627.D
Acq: 11 Aug 2016 15:16

Tgt Ion:178 Resp: 213926

Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.9	19.3
176	21.9	15.8	23.8



Instrument :
BNA_G
ClientSampleId :
PR001-SS004-3642-01DL

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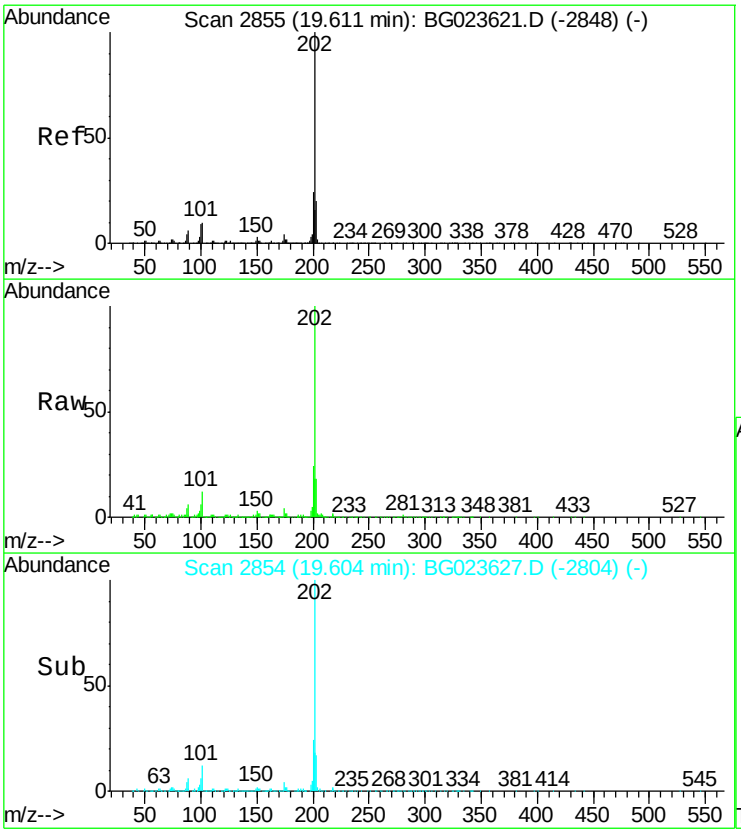
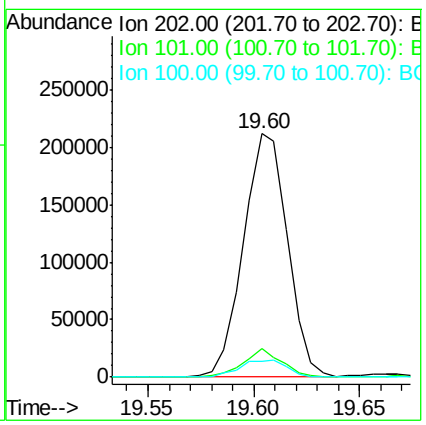
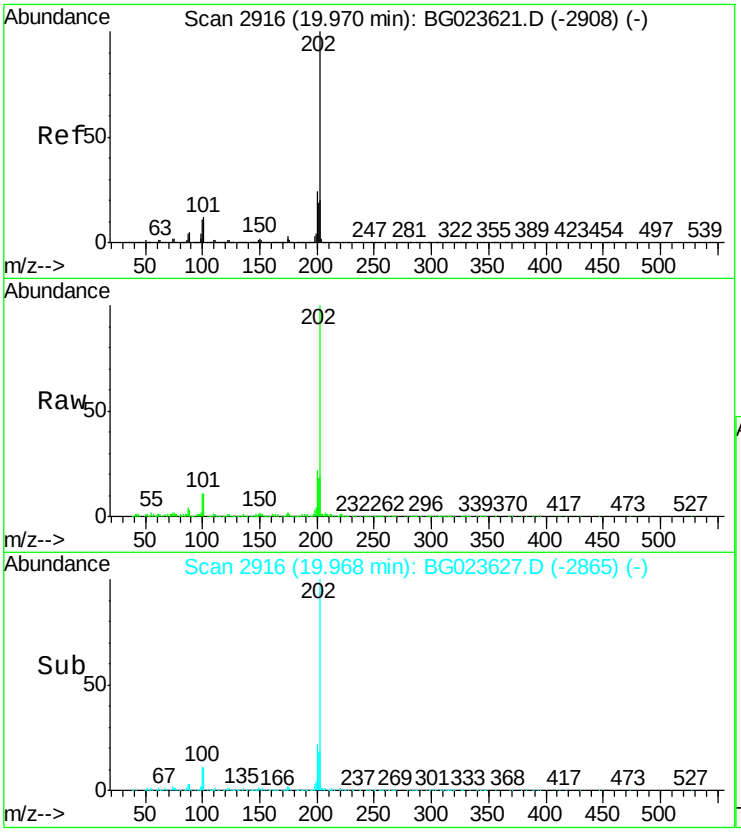


#74
Fluoranthene
Concen: 5.30 ng/ul
RT: 19.60 min Scan# 2854
Delta R.T. -0.01 min
Lab File: BG023627.D
Acq: 11 Aug 2016 15:16

Tgt Ion:202 Resp: 304077

Ion	Ratio	Lower	Upper
202	100		
101	11.8	10.6	16.0
100	6.4	8.7	13.1#

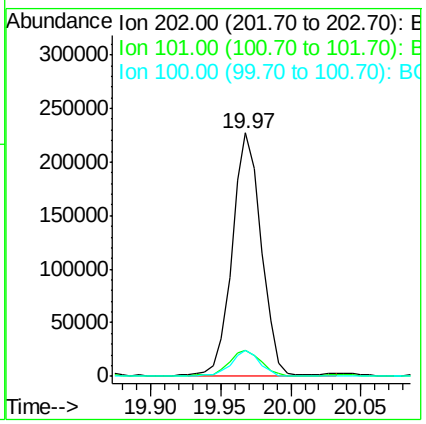




#77
Pyrene
Concen: 4.98 ng/ul m
RT: 19.97 min Scan# 2916
Delta R.T. -0.00 min
Lab File: BG023627.D
Acq: 11 Aug 2016 15:16

Tgt Ion:202 Resp: 332346

Ion	Ratio	Lower	Upper
202	100		
101	10.9	12.5	18.7#
100	10.6	10.2	15.4



Instrument :
BNA_G
ClientSampleId :
PR001-SS004-3642-01DL

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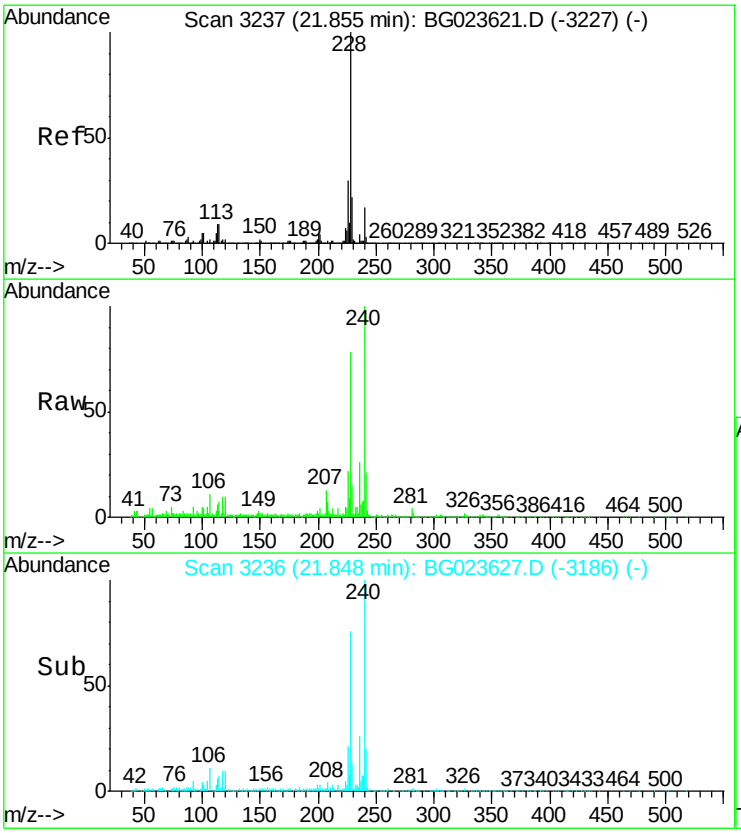
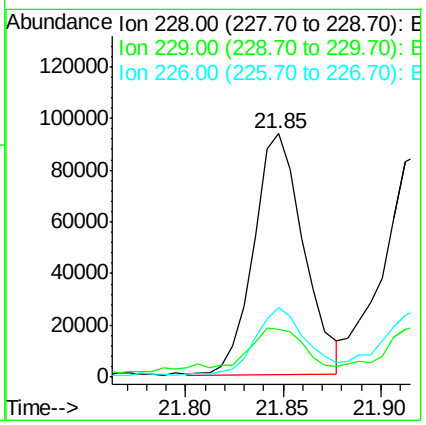
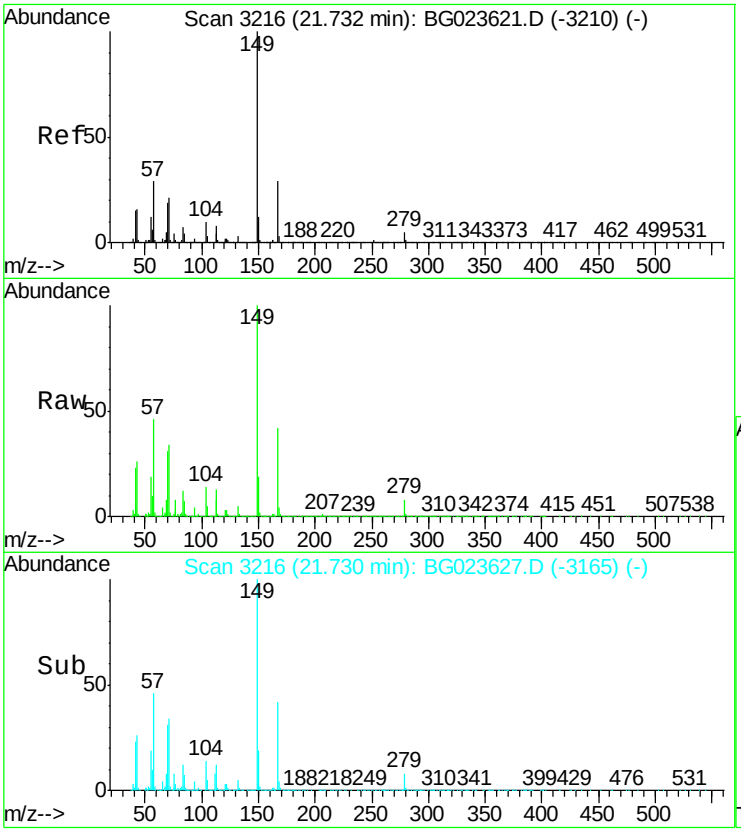


#80
Benzo(a)anthracene
Concen: 2.74 ng/ul
RT: 21.85 min Scan# 3236
Delta R.T. -0.01 min
Lab File: BG023627.D
Acq: 11 Aug 2016 15:16

Tgt Ion:228 Resp: 166373

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.4	23.2
226	28.4	22.8	34.2





#81
Bis(2-ethylhexyl)phthalate
Concen: 95.01 ng/ul
RT: 21.73 min Scan# 3216
Delta R.T. -0.00 min
Lab File: BG023627.D
Acq: 11 Aug 2016 15:16

Tgt Ion:149 Resp: 3231952

Ion	Ratio	Lower	Upper
149	100		
167	42.1	21.9	32.9#
279	8.0	2.9	4.3#

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-3642-01DL

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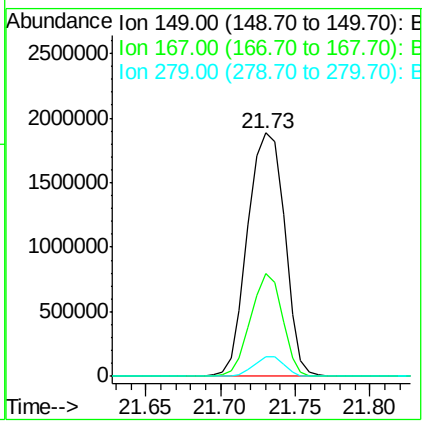
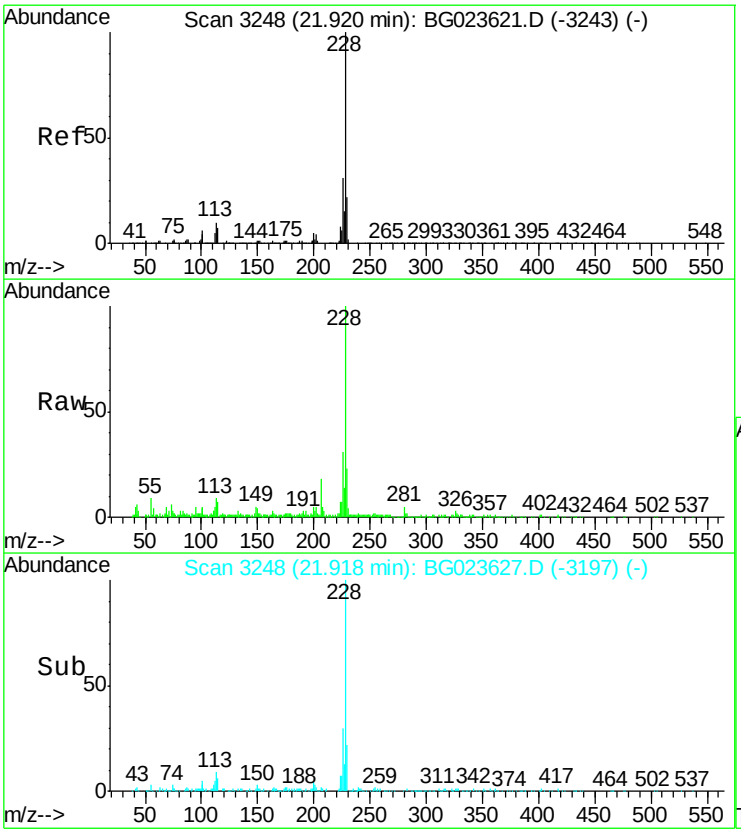
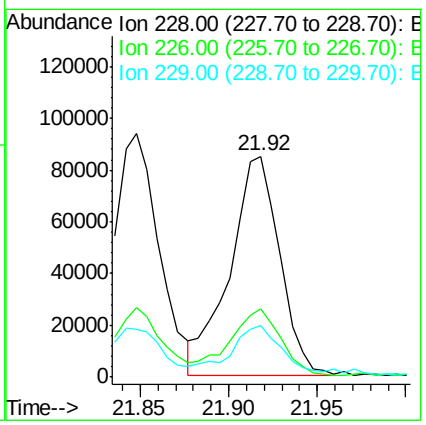


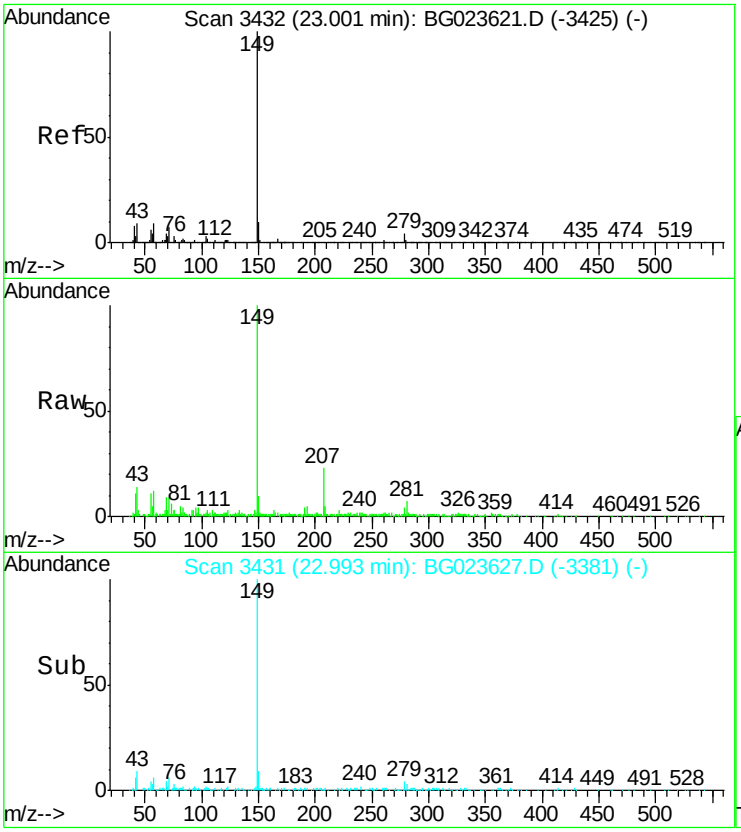


#82
Chrysene
Concen: 3.03 ng/ul m
RT: 21.92 min Scan# 3248
Delta R.T. -0.00 min
Lab File: BG023627.D
Acq: 11 Aug 2016 15:16

Tgt Ion:228 Resp: 167556

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.2	36.4
229	23.3	15.0	22.6#





#84
Di-n-octyl phthalate
Concen: 2.28 ng/ul
RT: 22.99 min Scan# 3431
Delta R.T. -0.01 min
Lab File: BG023627.D
Acq: 11 Aug 2016 15:16

Tgt Ion:149 Resp: 128886

Instrument :
BNA_G
ClientSampleId :
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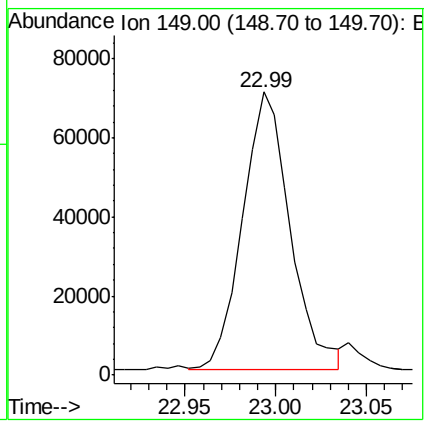
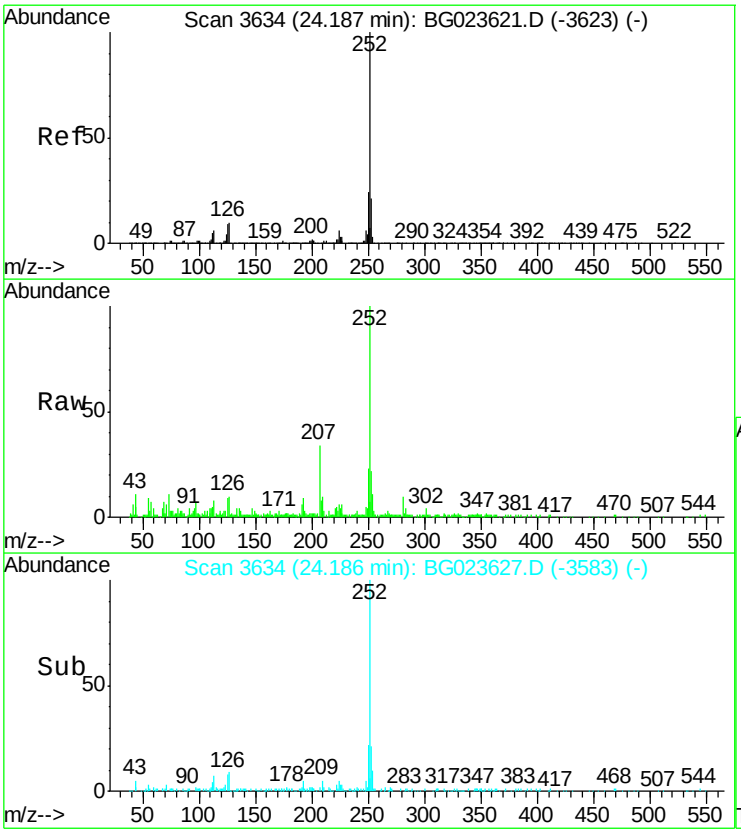
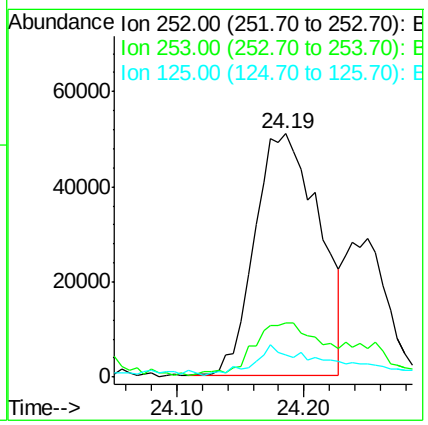


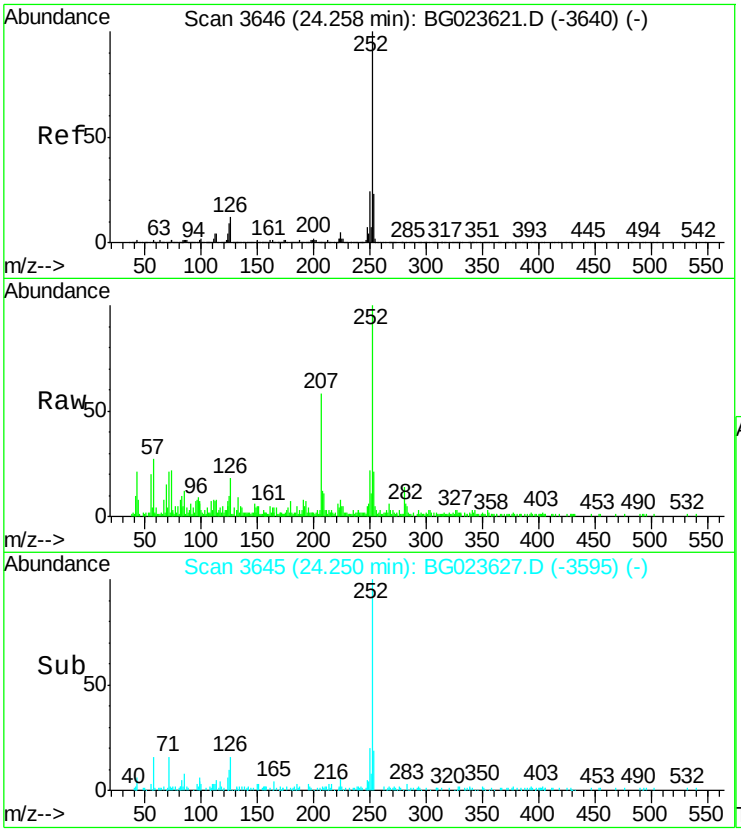


#85
Benzo(b)fluoranthene
Concen: 2.81 ng/ul
RT: 24.19 min Scan# 3634
Delta R.T. -0.00 min
Lab File: BG023627.D
Acq: 11 Aug 2016 15:16

Tgt Ion:252 Resp: 178552

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	9.1	10.8	16.2#

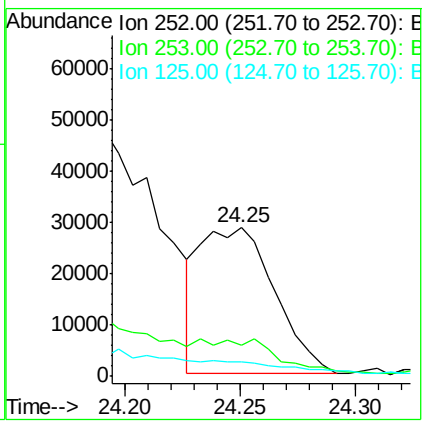




#86
Benzo(k)fluoranthene
Concen: 1.02 ng/ul
RT: 24.25 min Scan# 3645
Delta R.T. -0.01 min
Lab File: BG023627.D
Acq: 11 Aug 2016 15:16

Tgt Ion:252 Resp: 63603

Ion	Ratio	Lower	Upper
252	100		
253	20.9	15.8	23.6
125	10.0	10.6	16.0#



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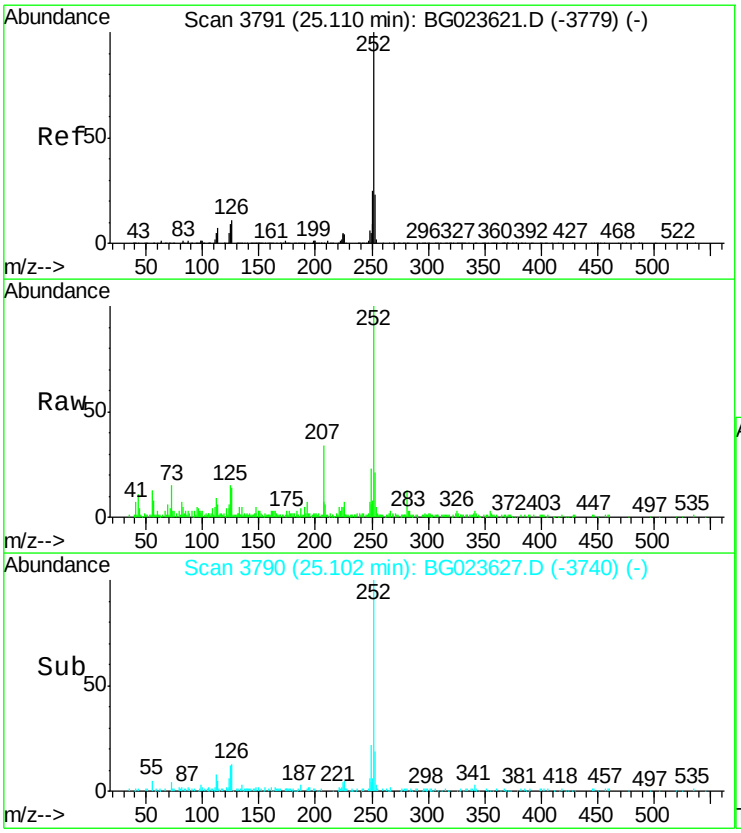
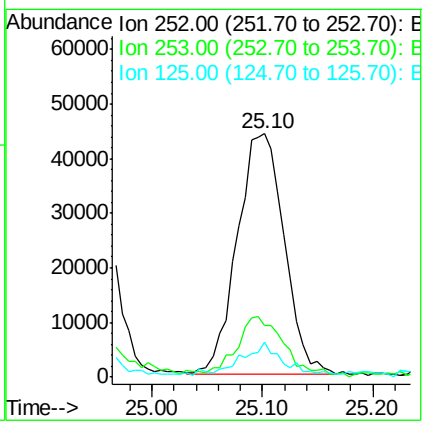
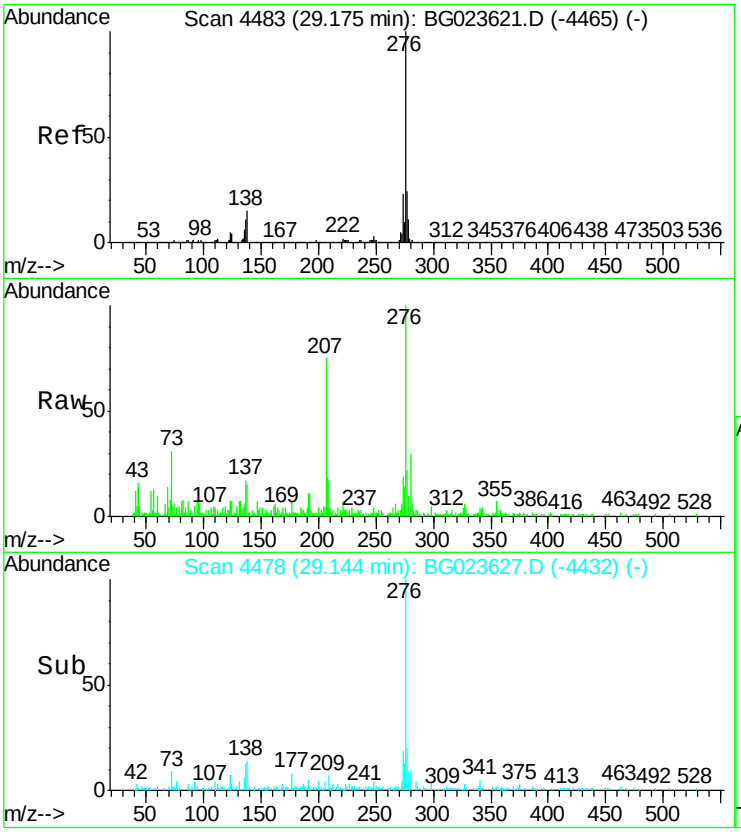


#88
Benzo(a)pyrene
Concen: 2.14 ng/ul
RT: 25.10 min Scan# 3790
Delta R.T. -0.01 min
Lab File: BG023627.D
Acq: 11 Aug 2016 15:16

Tgt Ion:252 Resp: 131196

Ion	Ratio	Lower	Upper
252	100		
253	21.0	19.0	28.4
125	14.5	12.0	18.0





#89
Indeno(1,2,3-cd)pyrene
Concen: 1.17 ng/ul
RT: 29.14 min Scan# 4478
Delta R.T. -0.03 min
Lab File: BG023627.D
Acq: 11 Aug 2016 15:16

Tgt Ion:276 Resp: 84264

Ion	Ratio	Lower	Upper
276	100		
138	14.9	20.8	31.2#
277	22.4	17.6	26.4

Instrument :
BNA_G
ClientSampleId :
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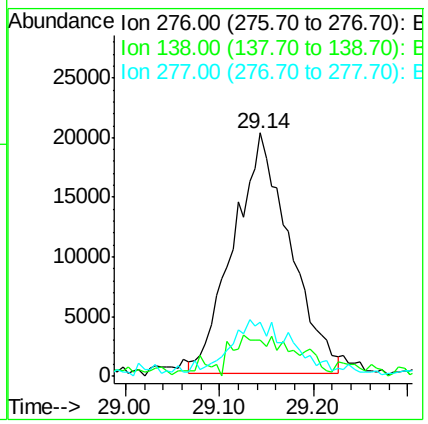

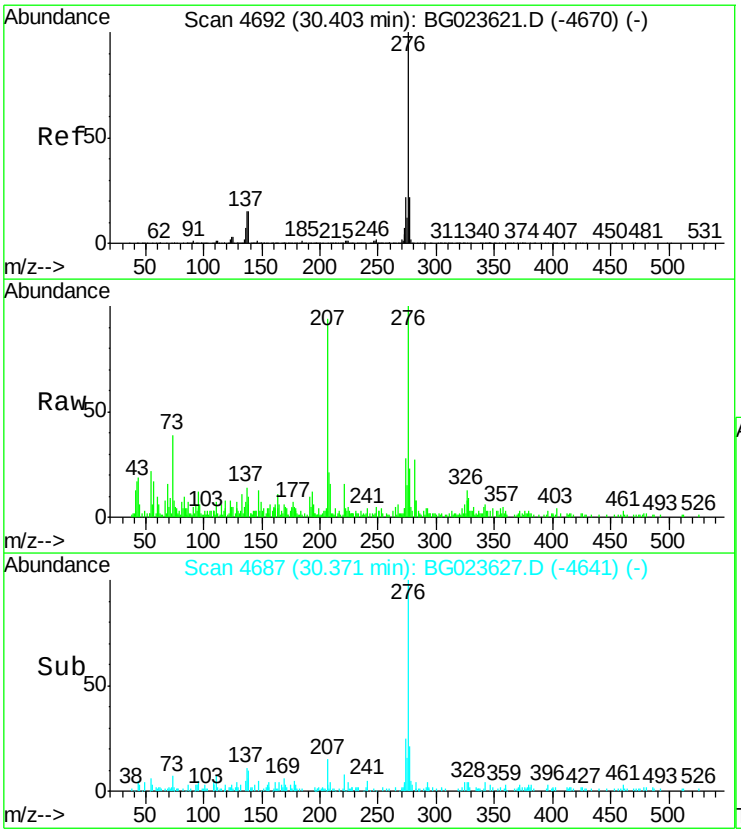

#91
Benzo(g,h,i)perylene
Concen: 1.42 ng/ul m
RT: 30.37 min Scan# 4687
Delta R.T. -0.03 min
Lab File: BG023627.D
Acq: 11 Aug 2016 15:16

Tgt Ion:276 Resp: 85127

Ion	Ratio	Lower	Upper
276	100		
138	9.9	22.1	33.1#
277	22.9	17.0	25.4