Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081316\
Data File : BG023688.D
Acq On : 13 Aug 2016 14:39
Operator : UM/SJ
Sample : H4388-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR002-SS003-0206-02

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Quant Time: Aug 15 13:46:03 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 15 11:28:11 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	95806	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	453316	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	312577	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	734731m	20.00	ng/ul	0.00
75) Chrysene-d12	21.87	240	777822m	20.00	ng/ul	0.00
83) Perylene-d12	25.28	264	782530	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	12015	5.33	ng/uL	0.00
5) Phenol-d5	7.26	99	283483	29.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	191776	31.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	205099	31.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	212715	28.23	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	118898	33.28	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	136913	33.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	232731	30.07	ng/ul	0.00
29) 4-Chloroaniline-d4	11.08	131	248273	27.34	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	822749	32.15	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	971839	33.74	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	128947	29.51	ng/ul	0.00
57) Fluorene-d10	15.78	176	773335	32.70	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.91	200	135174m	28.68	ng/ul	0.00
70) Anthracene-d10	17.65	188	1118828	33.80	ng/ul	0.00
76) Pyrene-d10	19.95	212	1236116	31.40	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.04	264	1215964	34.33	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.29	94	15750	1.57	ng/ul#	75
44) Dimethylphthalate	14.23	163	359174	14.17	ng/ul	99
69) Phenanthrene	17.60	178	51142	1.34	ng/ul	97
74) Fluoranthene	19.61	202	111358m	2.86	ng/ul	
77) Pyrene	19.97	202	112359m	2.34	ng/ul	
80) Benzo(a)anthracene	21.85	228	45274m	1.03	ng/ul	
82) Chrysene	21.92	228	53128m	1.33	ng/ul	
85) Benzo(b)fluoranthene	24.20	252	65077m	1.46	ng/ul	
88) Benzo(a)pyrene	25.12	252	48637m	1.13	ng/ul	

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

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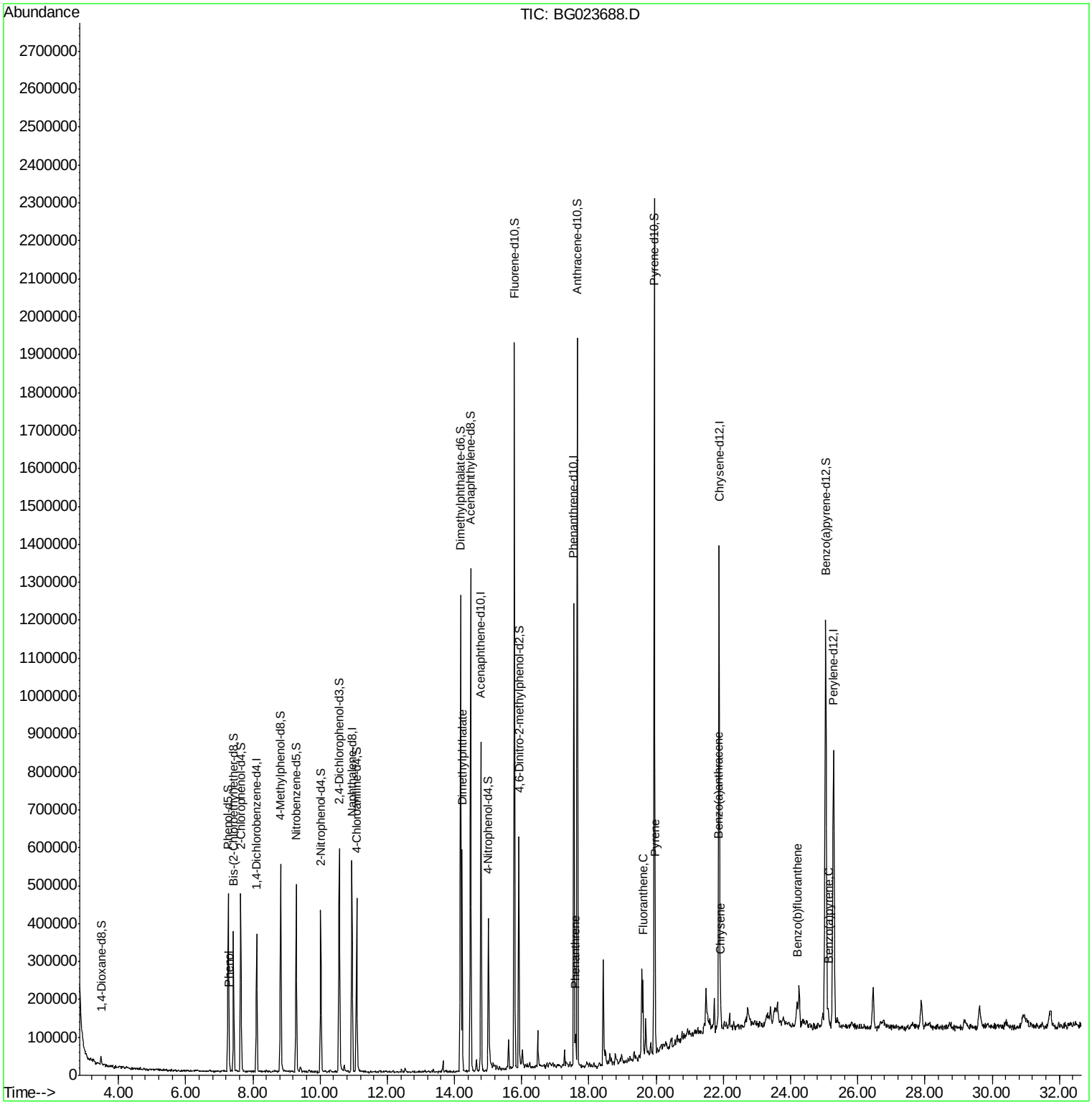
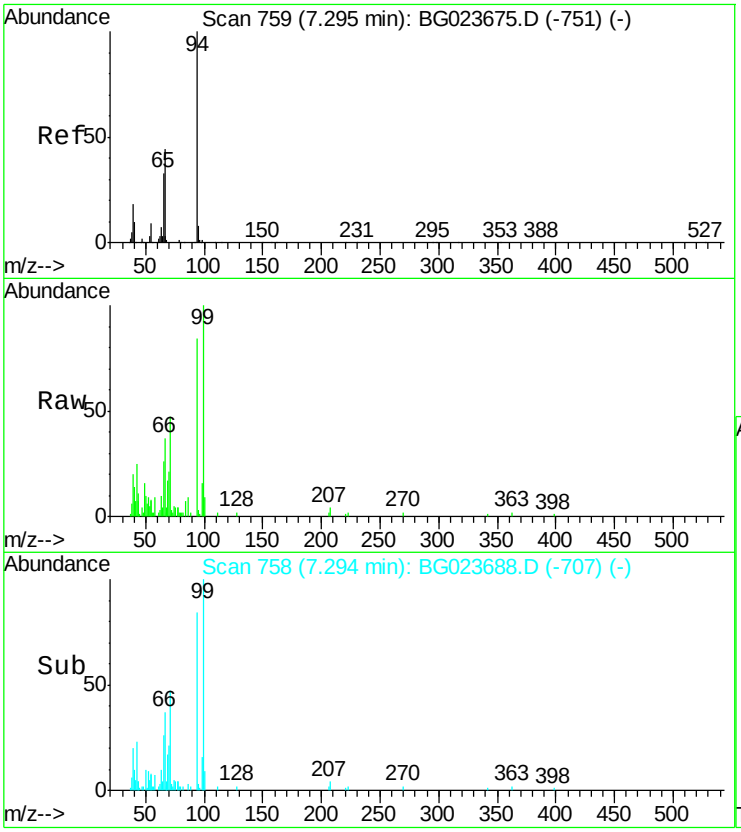
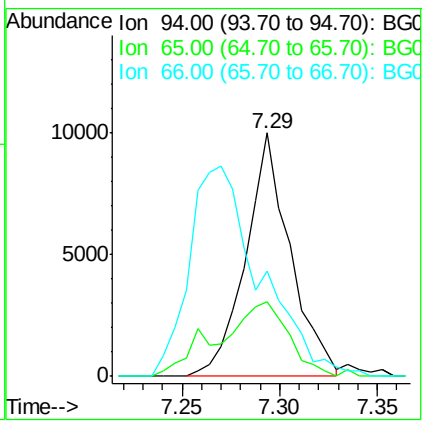




#6
Phenol
Concen: 1.57 ng/ul
RT: 7.29 min Scan# 758
Delta R.T. -0.00 min
Lab File: BG023688.D
Acq: 13 Aug 2016 14:39

Tgt Ion: 94 Resp: 15750

Ion	Ratio	Lower	Upper
94	100		
65	30.4	16.8	25.2#
66	43.4	22.6	33.8#



Instrument :
BNA_G
ClientSampleId :
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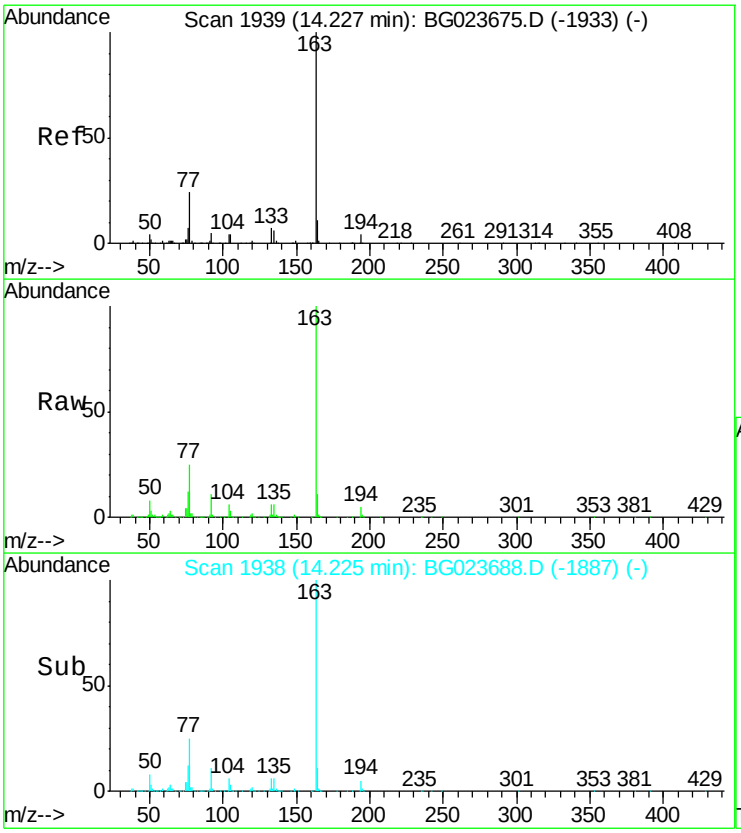
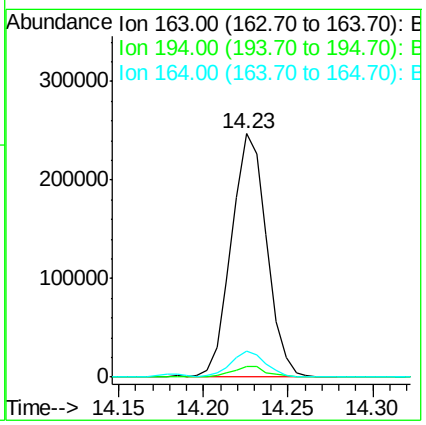
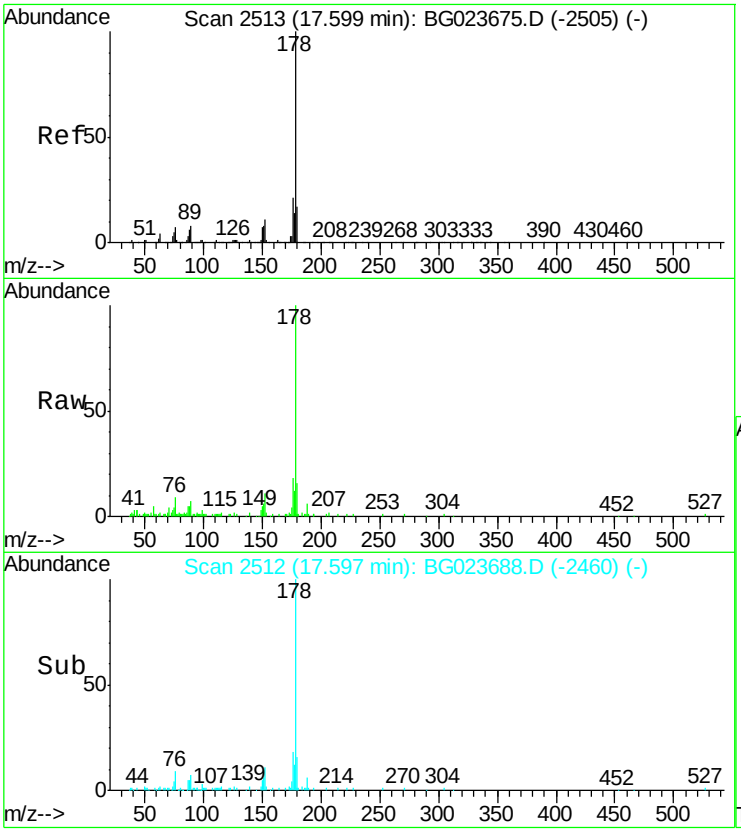


#44
Dimethylphthalate
Concen: 14.17 ng/ul
RT: 14.23 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BG023688.D
Acq: 13 Aug 2016 14:39

Tgt Ion:163 Resp: 359174

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.2
164	10.6	8.8	13.2

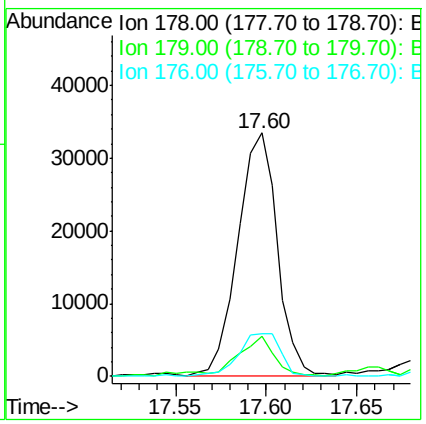




#69
Phenanthrene
Concen: 1.34 ng/ul
RT: 17.60 min Scan# 2512
Delta R.T. 0.00 min
Lab File: BG023688.D
Acq: 13 Aug 2016 14:39

Tgt Ion:178 Resp: 51142

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.9	19.3
176	17.6	15.8	23.8



Instrument :
BNA_G
ClientSampleId :
PR002-SS003-0206-02

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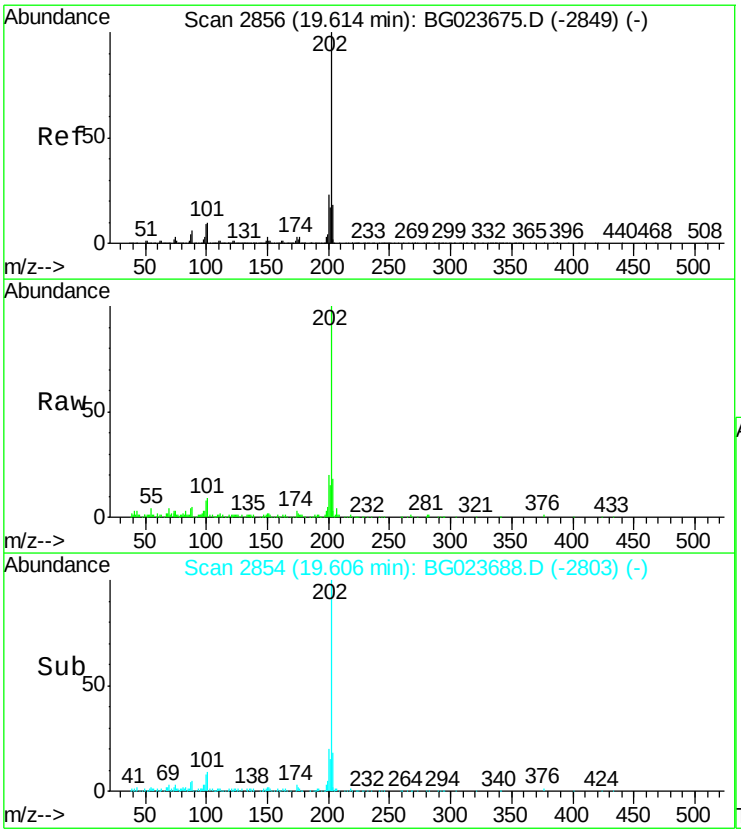
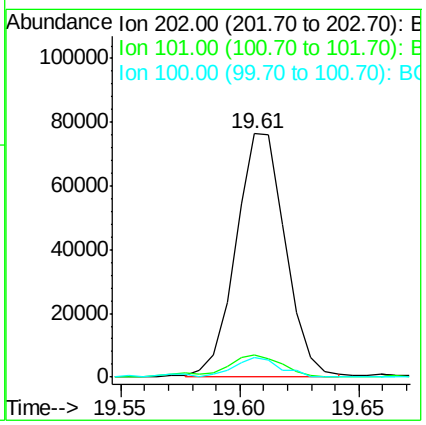
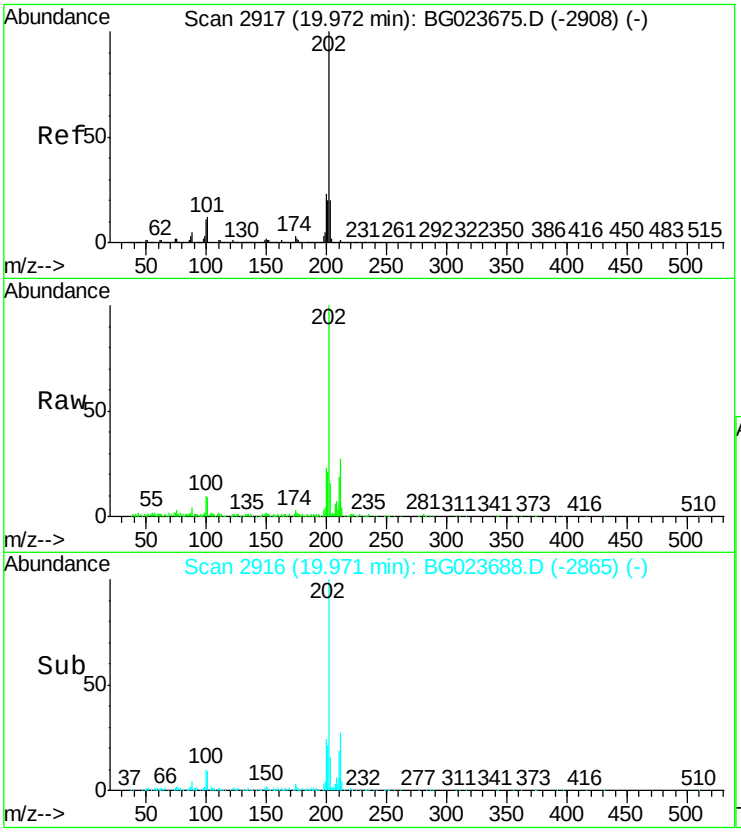


#74
Fluoranthene
Concen: 2.86 ng/ul m
RT: 19.61 min Scan# 2854
Delta R.T. -0.00 min
Lab File: BG023688.D
Acq: 13 Aug 2016 14:39

Tgt Ion:202 Resp: 111358

Ion	Ratio	Lower	Upper
202	100		
101	9.3	10.6	16.0#
100	7.8	8.7	13.1#





#77
Pyrene
Concen: 2.34 ng/ul m
RT: 19.97 min Scan# 2916
Delta R.T. -0.00 min
Lab File: BG023688.D
Acq: 13 Aug 2016 14:39

Tgt Ion:202 Resp: 112359

Ion	Ratio	Lower	Upper
202	100		
101	8.9	12.5	18.7#
100	10.3	10.2	15.4

Instrument :
BNA_G
ClientSampleId :
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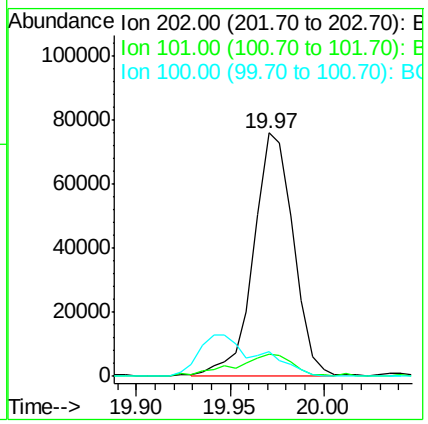
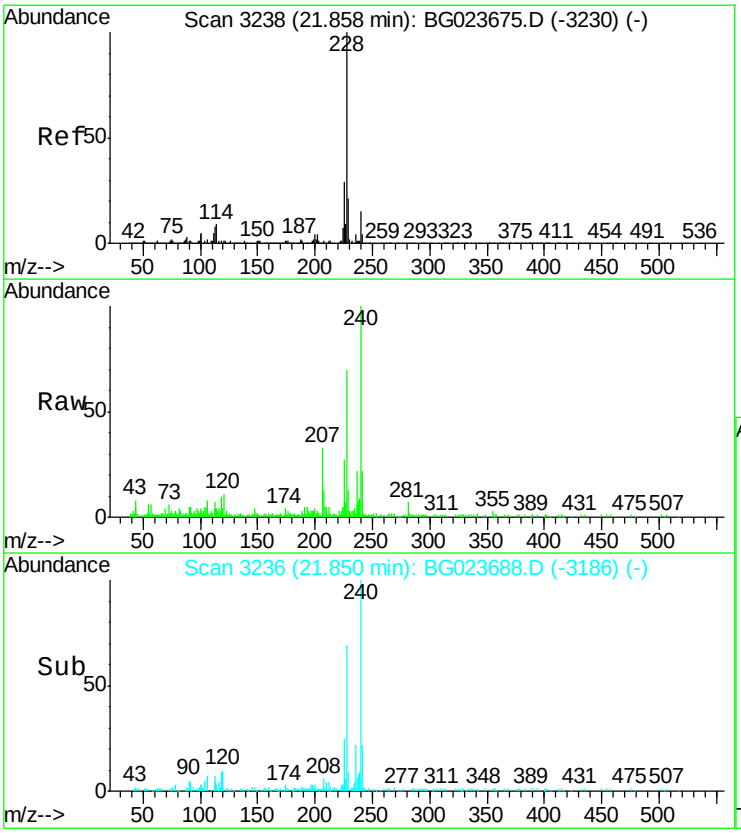
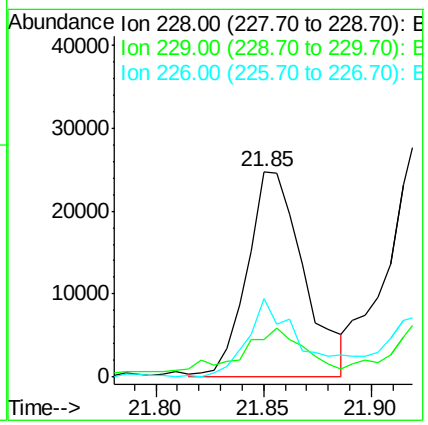


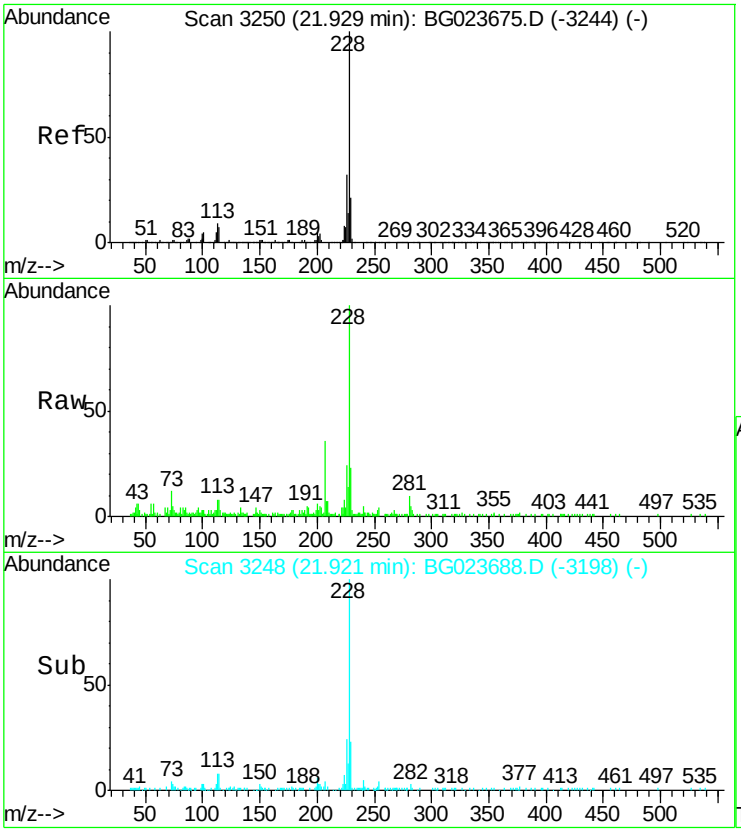


#80
Benzo(a)anthracene
Concen: 1.03 ng/ul m
RT: 21.85 min Scan# 3236
Delta R.T. -0.01 min
Lab File: BG023688.D
Acq: 13 Aug 2016 14:39

Tgt Ion:228 Resp: 45274

Ion	Ratio	Lower	Upper
228	100		
229	18.4	15.4	23.2
226	38.0	22.8	34.2#

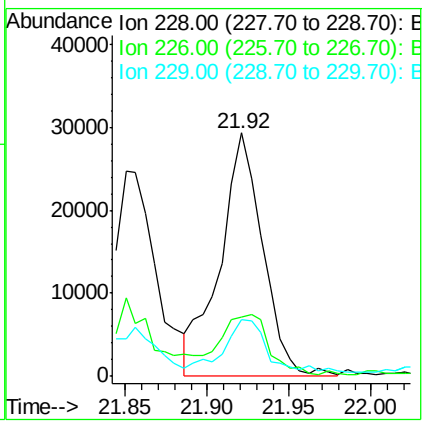




#82
Chrysene
Concen: 1.33 ng/ul m
RT: 21.92 min Scan# 3248
Delta R.T. -0.01 min
Lab File: BG023688.D
Acq: 13 Aug 2016 14:39

Tgt Ion:228 Resp: 53128

Ion	Ratio	Lower	Upper
228	100		
226	24.5	24.2	36.4
229	23.2	15.0	22.6#



Instrument :
BNA_G
ClientSampleId :
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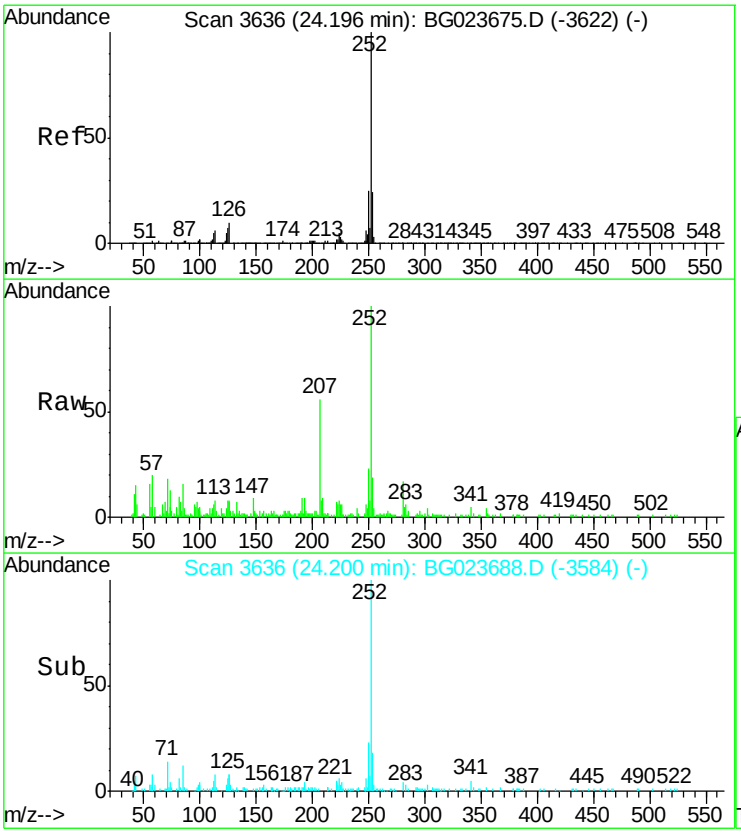
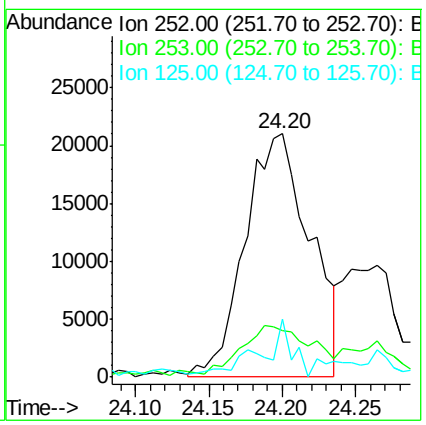
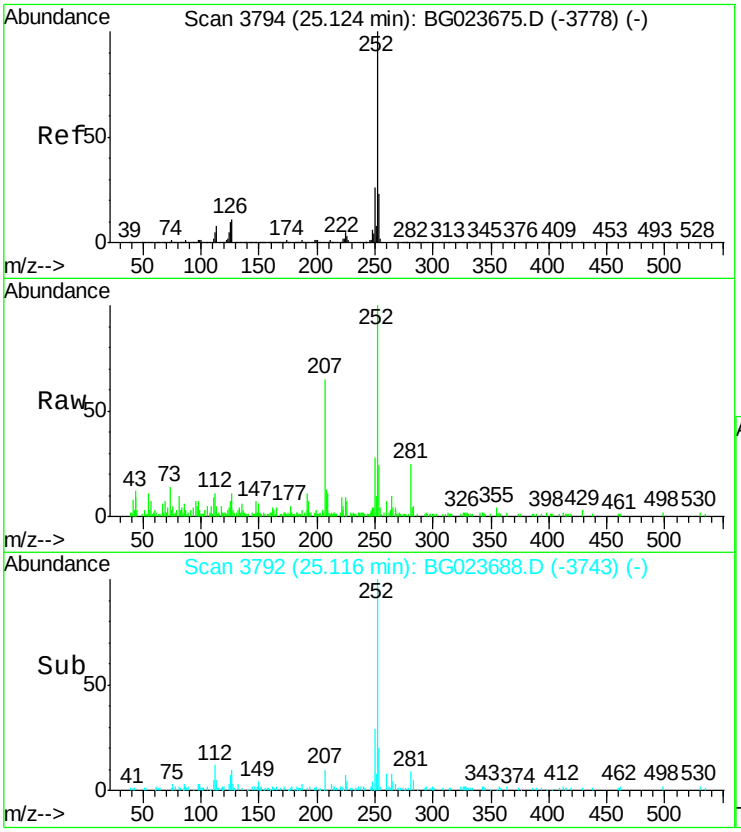


#85
Benzo(b)fluoranthene
Concen: 1.46 ng/ul m
RT: 24.20 min Scan# 3636
Delta R.T. 0.00 min
Lab File: BG023688.D
Acq: 13 Aug 2016 14:39

Tgt Ion:252 Resp: 65077

Ion	Ratio	Lower	Upper
252	100		
253	19.0	18.2	27.2
125	8.2	10.8	16.2#

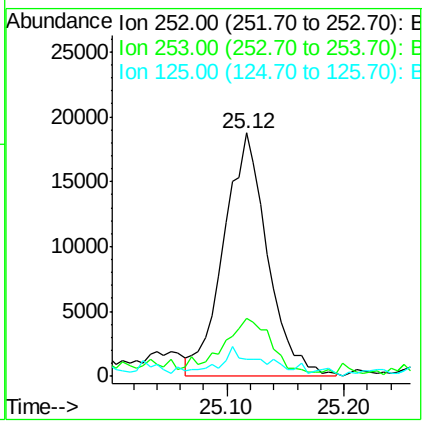




#88
Benzo(a)pyrene
Concen: 1.13 ng/ul m
RT: 25.12 min Scan# 3792
Delta R.T. -0.01 min
Lab File: BG023688.D
Acq: 13 Aug 2016 14:39

Tgt Ion:252 Resp: 48637

Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.0	28.4
125	7.0	12.0	18.0#



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