Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023597.D
Acq On : 10 Aug 2016 18:10
Operator : UM/SJ
Sample : H4360-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS002-2430-01

Manual Integrations APPROVED
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Quant Time: Aug 11 04:45:07 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	161263	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	716116	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	497853	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1218843	20.00	ng/ul	0.00
75) Chrysene-d12	21.86	240	1236175	20.00	ng/ul	0.00
83) Perylene-d12	25.25	264	1229648	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	6088	1.61	ng/uL	0.00
5) Phenol-d5	7.27	99	282544	17.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	189919	18.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	200893	18.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	215501	16.99	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	107341	19.02	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	124868	19.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	223497	18.28	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	274239	19.12	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	753710	18.49	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	898481	19.58	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	120615m	17.33	ng/ul	0.01
57) Fluorene-d10	15.78	176	702362	18.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	117468	15.02	ng/ul	0.00
70) Anthracene-d10	17.65	188	1053052	19.18	ng/ul	0.00
76) Pyrene-d10	19.94	212	1154176	18.45	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.02	264	1051563	18.89	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	14.23	163	471307	11.68	ng/ul	98
69) Phenanthrene	17.59	178	142926	2.26	ng/ul	94
74) Fluoranthene	19.60	202	243817	3.77	ng/ul#	92
77) Pyrene	19.97	202	279213m	3.65	ng/ul	
80) Benzo(a)anthracene	21.85	228	120304	1.73	ng/ul#	93
82) Chrysene	21.91	228	143117	2.26	ng/ul#	94
85) Benzo(b)fluoranthene	24.17	252	137436m	1.96	ng/ul	
88) Benzo(a)pyrene	25.10	252	110514	1.64	ng/ul#	92
91) Benzo(g,h,i)perylene	30.35	276	74967m	1.14	ng/ul	

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

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Instrument :
BNA_G
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PR001-SS002-2430-01

Manual Integrations APPROVED
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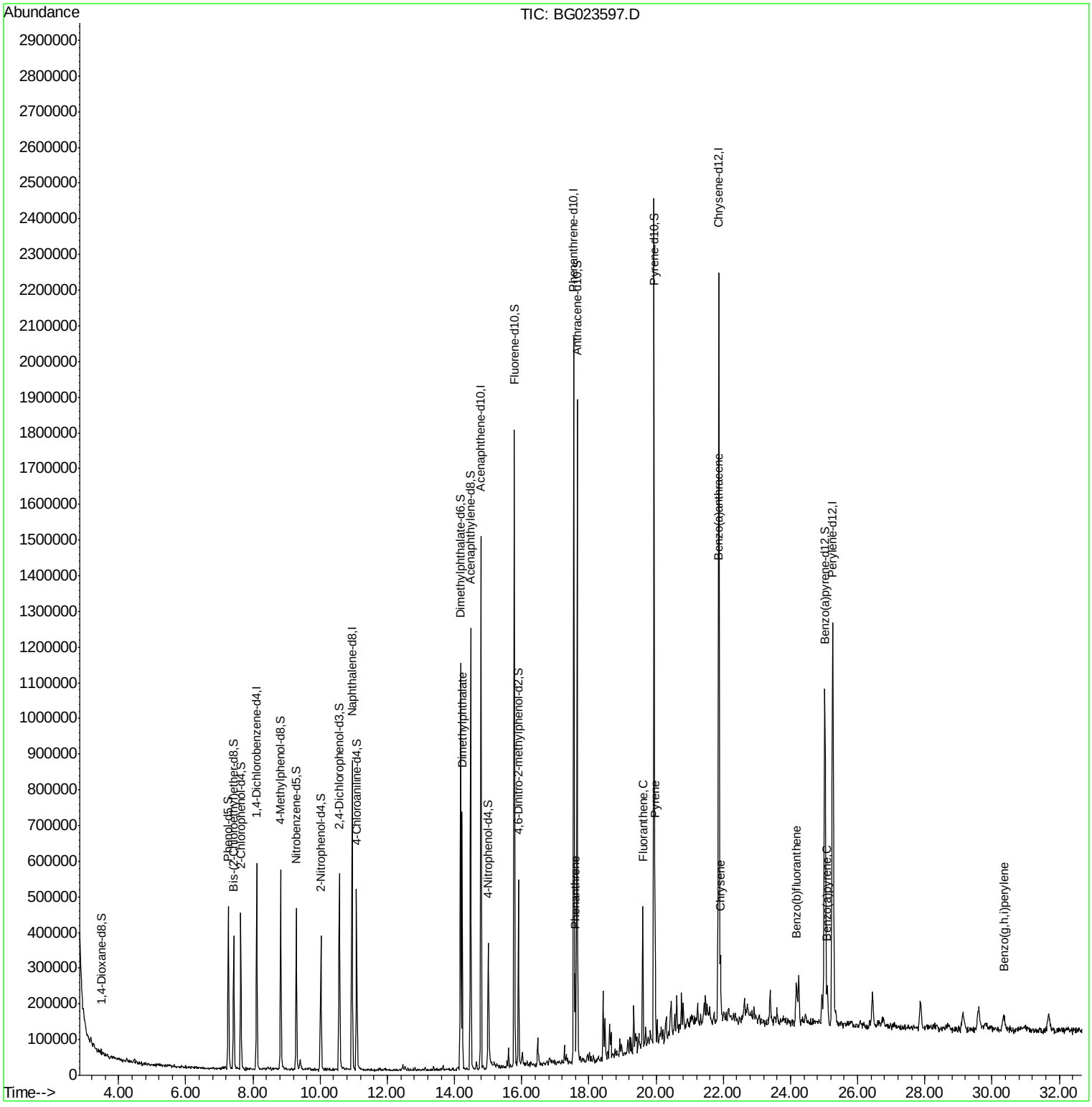
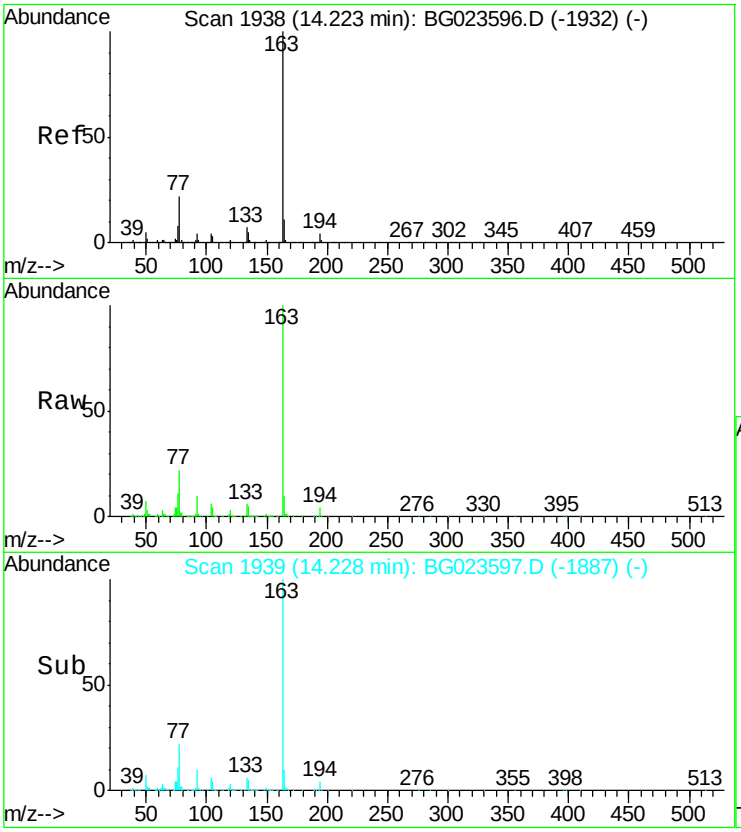
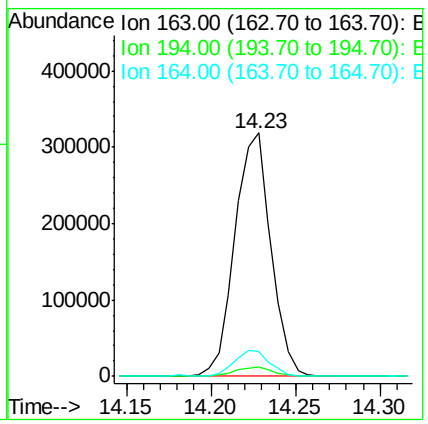




#44
Dimethylphthalate
Concen: 11.68 ng/ul
RT: 14.23 min Scan# 1939
Delta R.T. 0.01 min
Lab File: BG023597.D
Acq: 10 Aug 2016 18:10

Tgt Ion:163 Resp: 471307

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



Instrument :
BNA_G
ClientSampleId :
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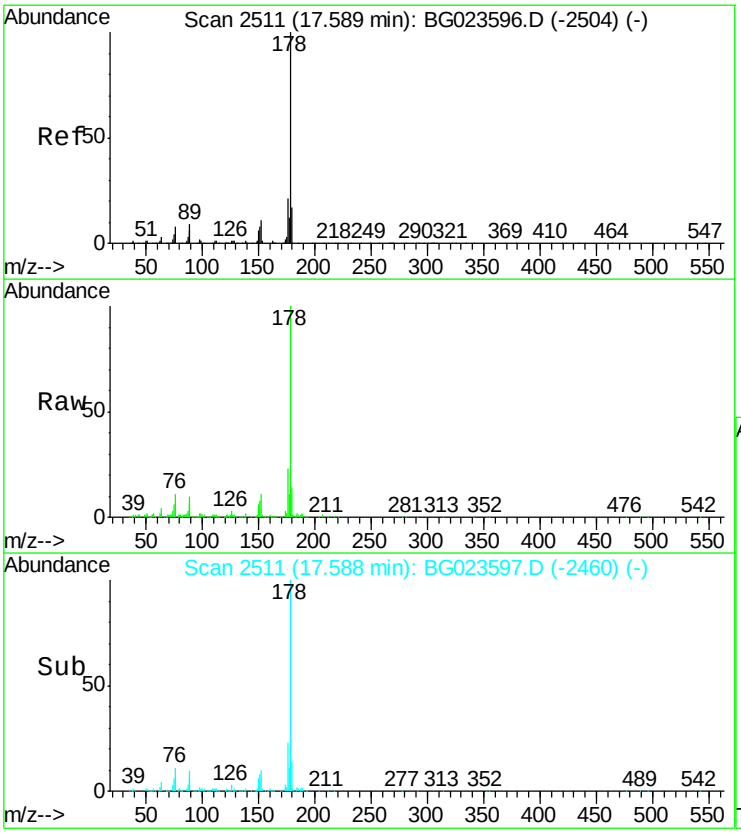
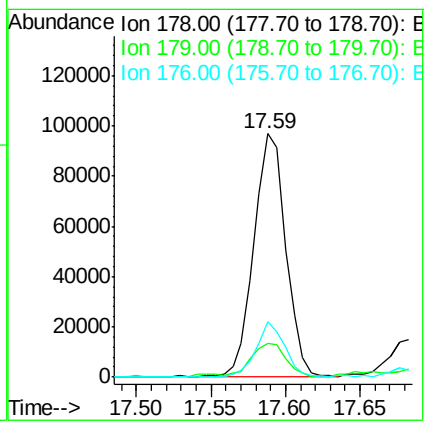
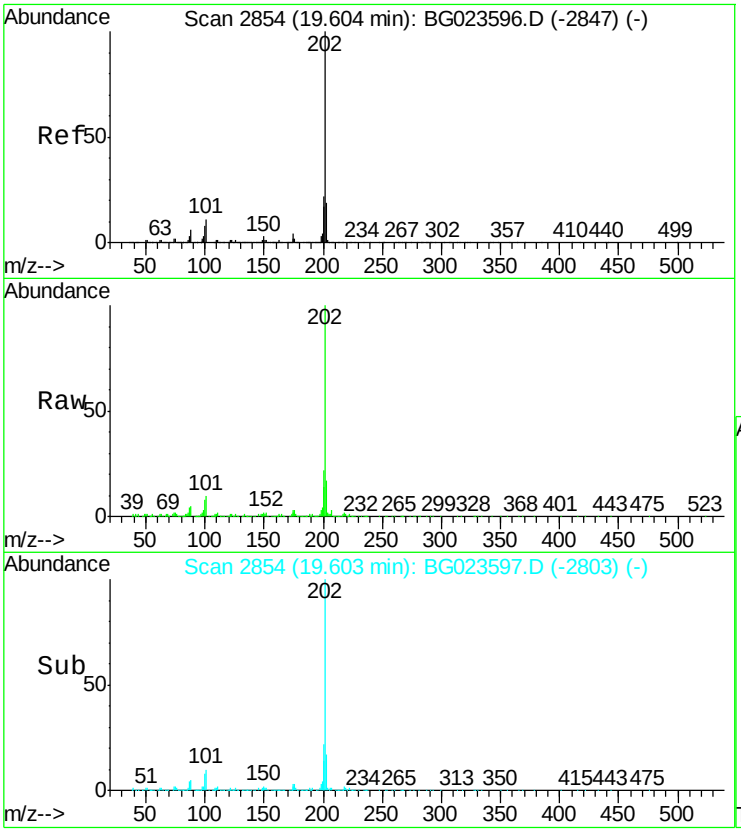


#69
Phenanthrene
Concen: 2.26 ng/ul
RT: 17.59 min Scan# 2511
Delta R.T. 0.00 min
Lab File: BG023597.D
Acq: 10 Aug 2016 18:10

Tgt Ion:178 Resp: 142926

Ion	Ratio	Lower	Upper
178	100		
179	14.0	12.9	19.3
176	22.7	15.8	23.8





#74
Fluoranthene
Concen: 3.77 ng/ul
RT: 19.60 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BG023597.D
Acq: 10 Aug 2016 18:10

Tgt Ion:202 Resp: 243817

Ion	Ratio	Lower	Upper
202	100		
101	10.2	10.6	16.0#
100	7.9	8.7	13.1#

Instrument :
BNA_G
ClientSampleId :
PR001-SS002-2430-01

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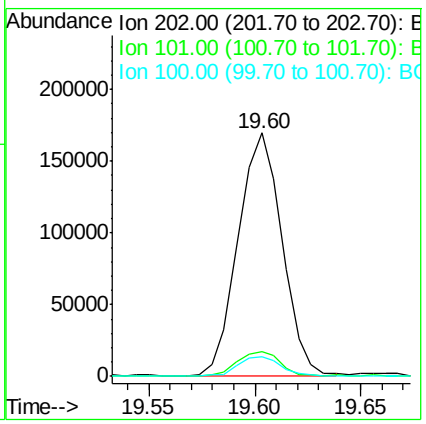
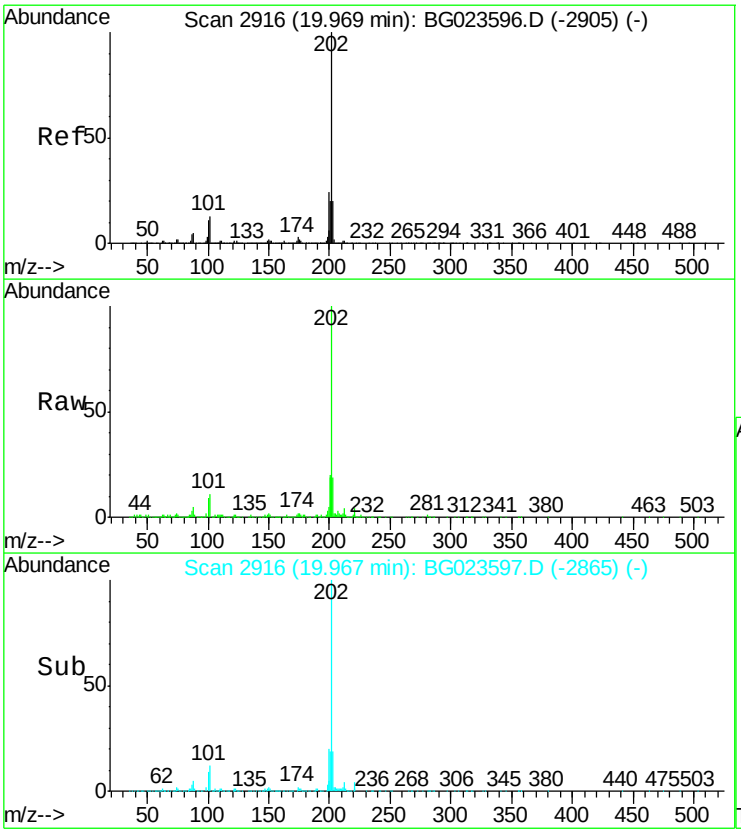
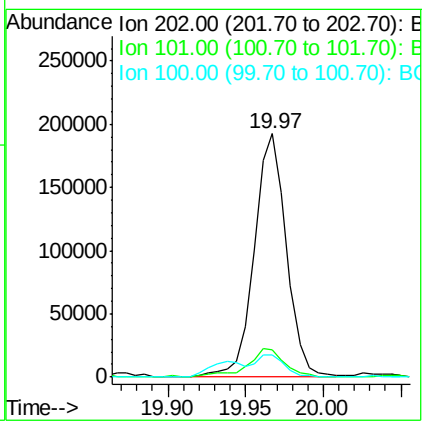


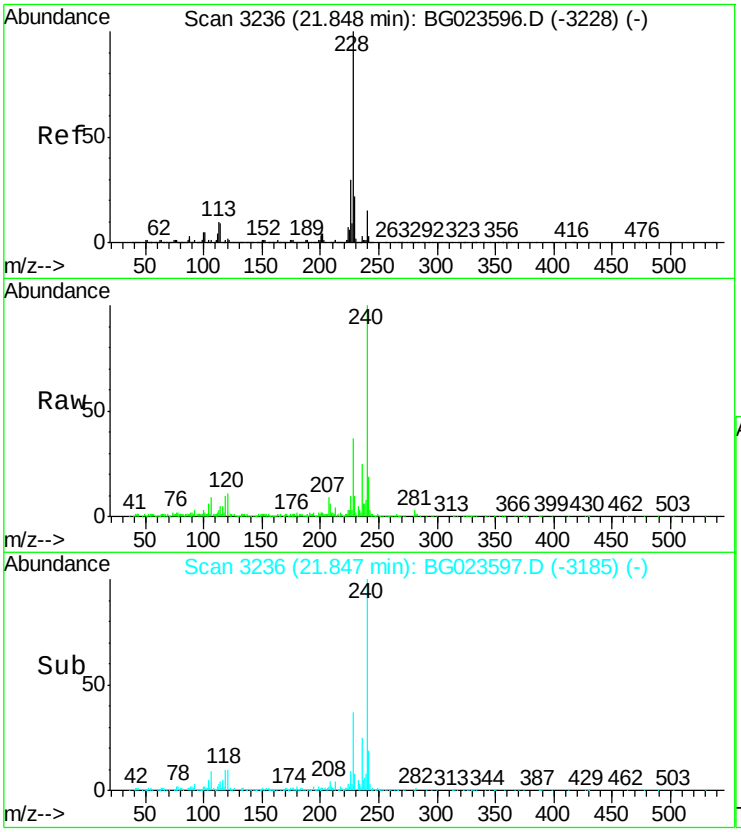


#77
Pyrene
Concen: 3.65 ng/ul m
RT: 19.97 min Scan# 2916
Delta R.T. 0.00 min
Lab File: BG023597.D
Acq: 10 Aug 2016 18:10

Tgt Ion:202 Resp: 279213

Ion	Ratio	Lower	Upper
202	100		
101	11.4	12.5	18.7#
100	9.2	10.2	15.4#

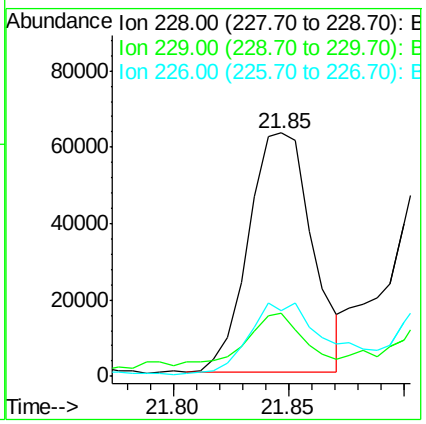




#80
Benzo(a)anthracene
Concen: 1.73 ng/ul
RT: 21.85 min Scan# 3236
Delta R.T. 0.00 min
Lab File: BG023597.D
Acq: 10 Aug 2016 18:10

Tgt Ion:228 Resp: 120304

Ion	Ratio	Lower	Upper
228	100		
229	25.9	15.4	23.2#
226	27.2	22.8	34.2



Instrument :
BNA_G
ClientSampleId :
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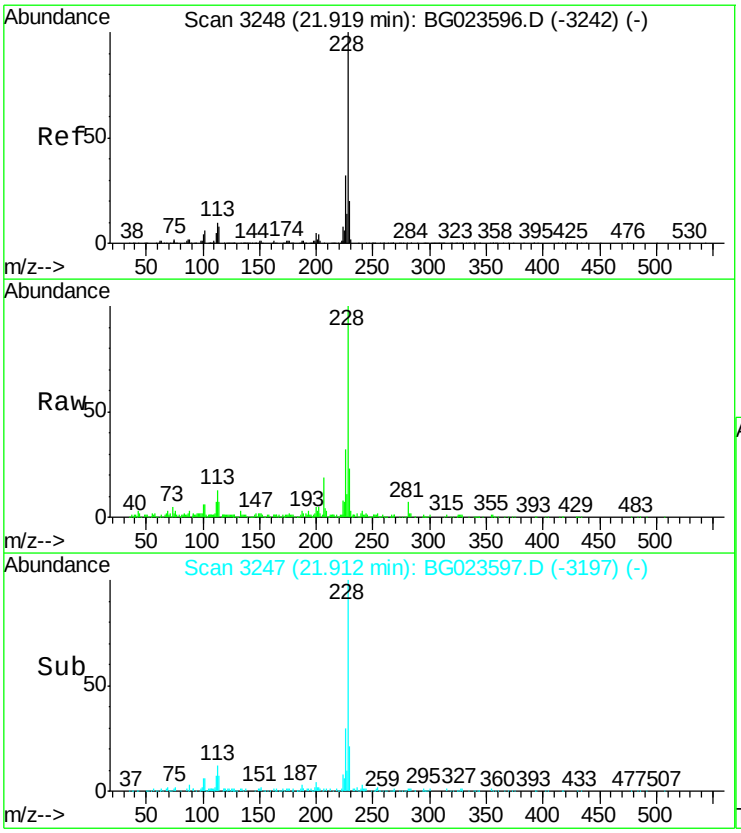
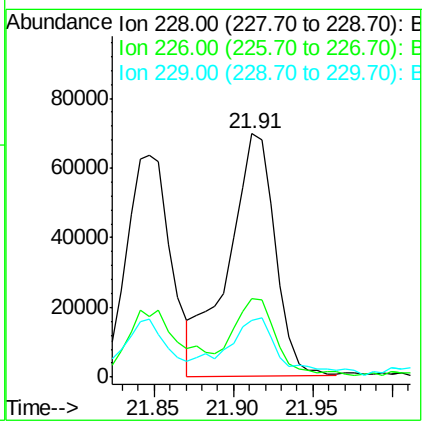
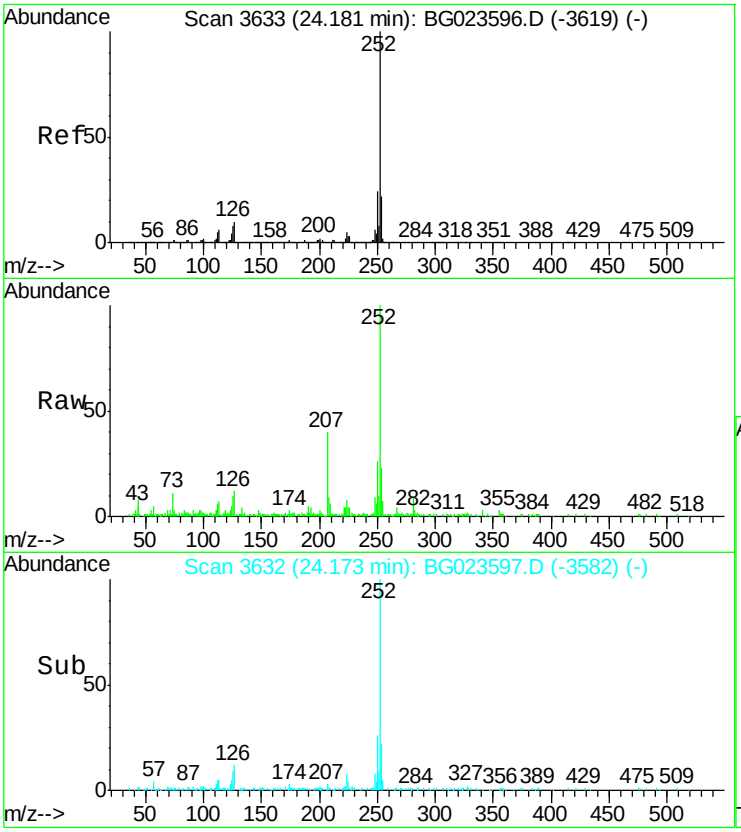


#82
Chrysene
Concen: 2.26 ng/ul
RT: 21.91 min Scan# 3247
Delta R.T. -0.01 min
Lab File: BG023597.D
Acq: 10 Aug 2016 18:10

Tgt Ion:228 Resp: 143117

Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.2	36.4
229	23.2	15.0	22.6#





#85
Benzo(b)fluoranthene
Concen: 1.96 ng/ul m
RT: 24.17 min Scan# 3632
Delta R.T. -0.01 min
Lab File: BG023597.D
Acq: 10 Aug 2016 18:10

Tgt Ion:252 Resp: 137436

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	10.1	10.8	16.2#

Instrument :
BNA_G
ClientSampleId :
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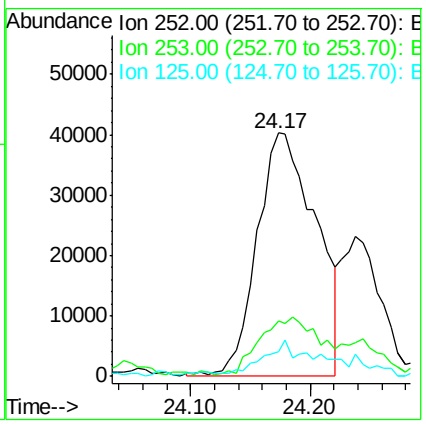
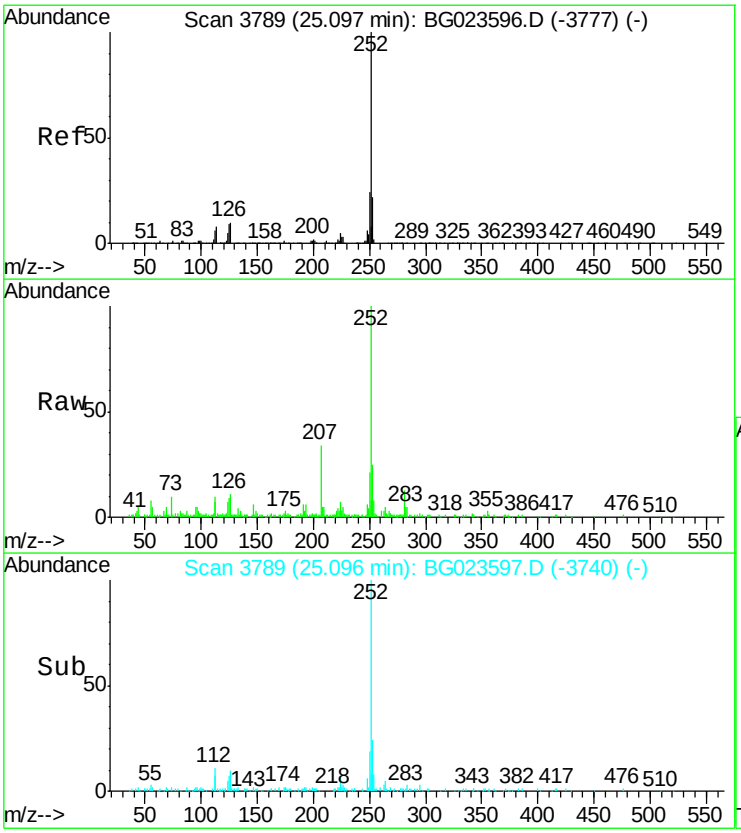
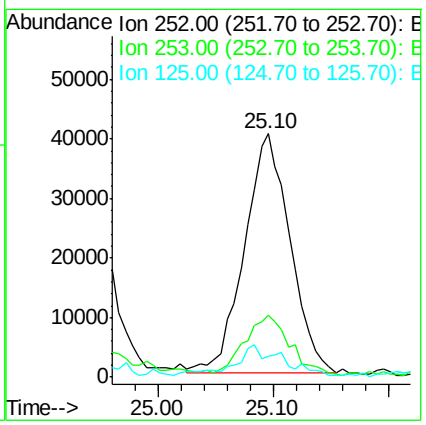


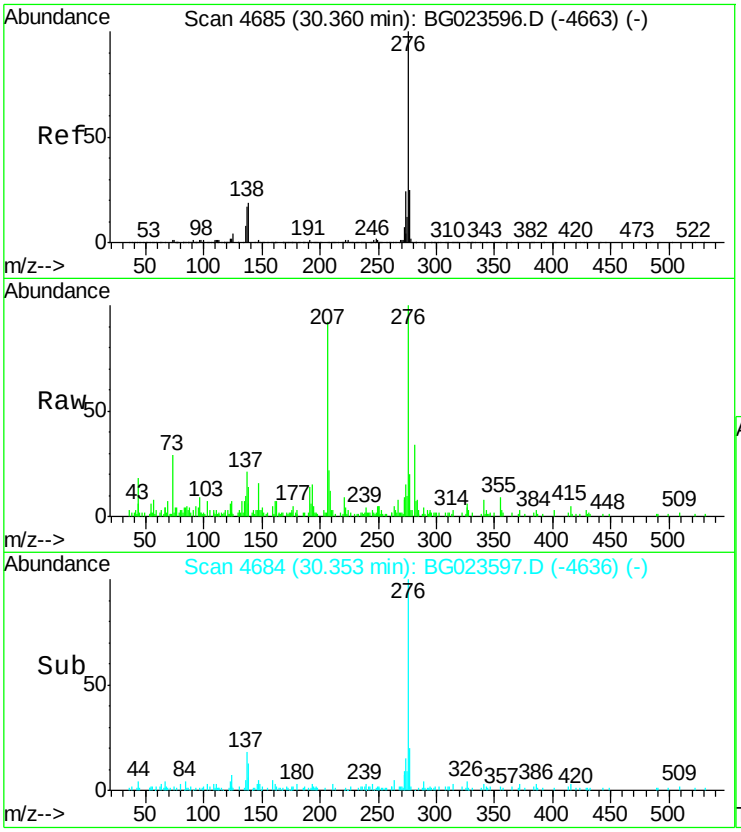


#88
Benzo(a)pyrene
Concen: 1.64 ng/ul
RT: 25.10 min Scan# 3789
Delta R.T. -0.01 min
Lab File: BG023597.D
Acq: 10 Aug 2016 18:10

Tgt Ion:252 Resp: 110514

Ion	Ratio	Lower	Upper
252	100		
253	25.3	19.0	28.4
125	8.8	12.0	18.0#

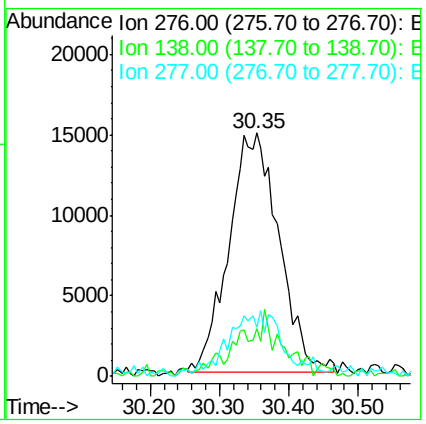




#91
Benzo(g,h,i)perylene
Concen: 1.14 ng/ul m
RT: 30.35 min Scan# 4684
Delta R.T. -0.02 min
Lab File: BG023597.D
Acq: 10 Aug 2016 18:10

Tgt Ion:276 Resp: 74967

Ion	Ratio	Lower	Upper
276	100		
138	13.9	22.1	33.1#
277	20.4	17.0	25.4



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