Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112116\
Data File : BG024878.D
Acq On : 22 Nov 2016 3:36
Operator : UM/SJ
Sample : H5694-20
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHSS7

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Quant Time: Nov 22 06:40:03 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 22 01:29:33 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	125075	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	545944	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.88	164	471306	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.62	188	978385m	20.00	ng/ul	0.00
75) Chrysene-d12	21.92	240	1201417	20.00	ng/ul	0.00
83) Perylene-d12	25.35	264	1264965	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.62	96	5359	2.22	ng/uL	0.00
5) Phenol-d5	7.40	99	137433	12.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.57	67	95324	14.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.78	132	105293	13.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	120728	13.42	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	57455	13.90	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	66902	13.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	126176	12.85	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	135900	12.39	ng/ul	0.00
43) Dimethylphthalate-d6	14.27	166	462809	13.47	ng/ul	0.00
46) Acenaphthylene-d8	14.57	160	521048	13.91	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	64054	10.47	ng/ul	0.00
57) Fluorene-d10	15.87	176	419757	12.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	58512m	8.70	ng/ul	0.00
70) Anthracene-d10	17.72	188	641735	14.85	ng/ul	0.00
76) Pyrene-d10	19.99	212	771372	14.81	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.11	264	802089	14.48	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.42	94	17873	1.60	ng/ul	95
44) Dimethylphthalate	14.31	163	87999	2.67	ng/ul#	91
74) Fluoranthene	19.66	202	149883m	2.65	ng/ul	
77) Pyrene	20.02	202	166408	2.82	ng/ul#	91
80) Benzo(a)anthracene	21.89	228	106827	1.63	ng/ul	96
82) Chrysene	21.96	228	105463	1.72	ng/ul	100
85) Benzo(b)fluoranthene	24.26	252	116181	1.74	ng/ul#	95
88) Benzo(a)pyrene	25.18	252	102023	1.58	ng/ul#	79

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

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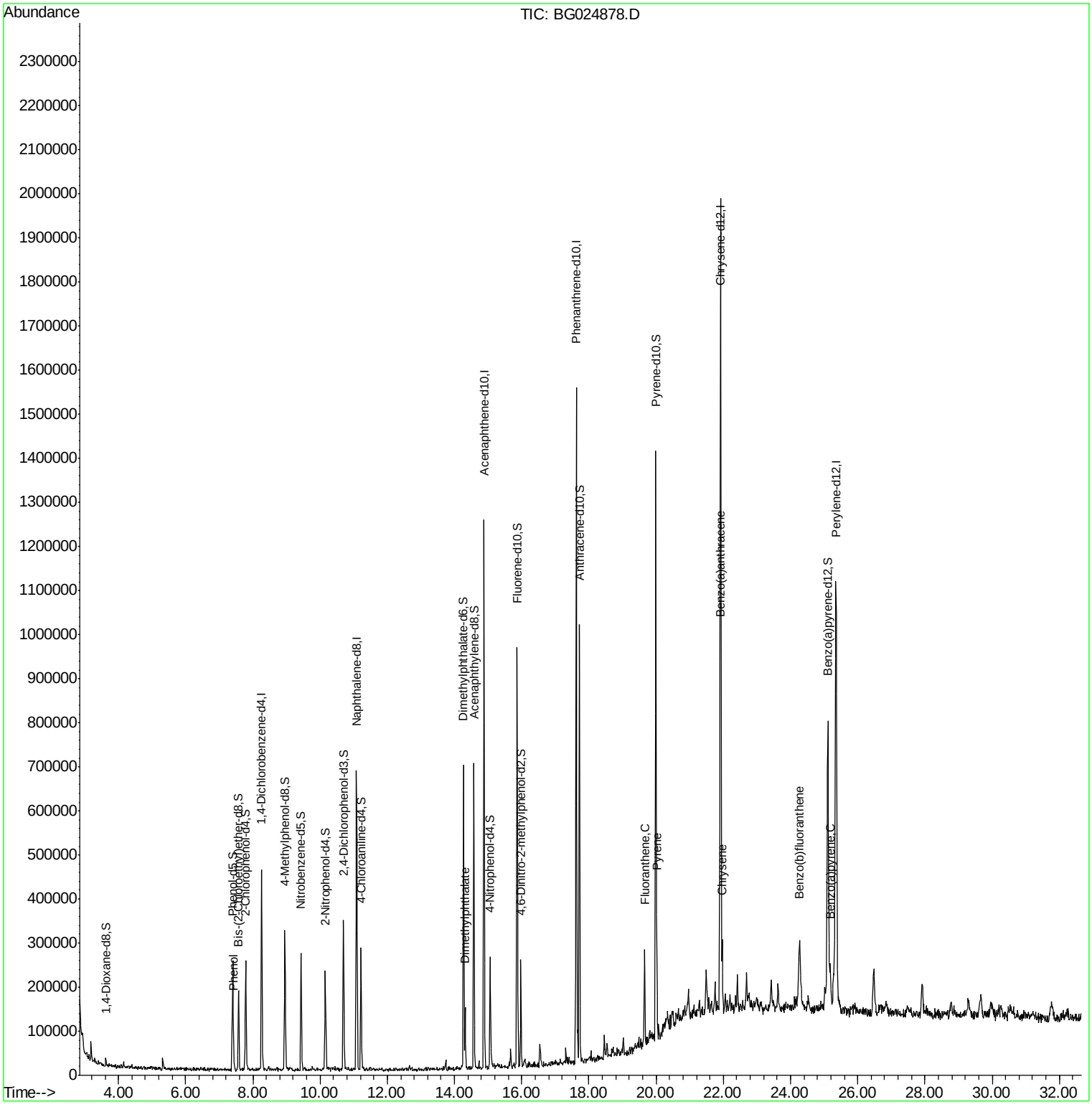
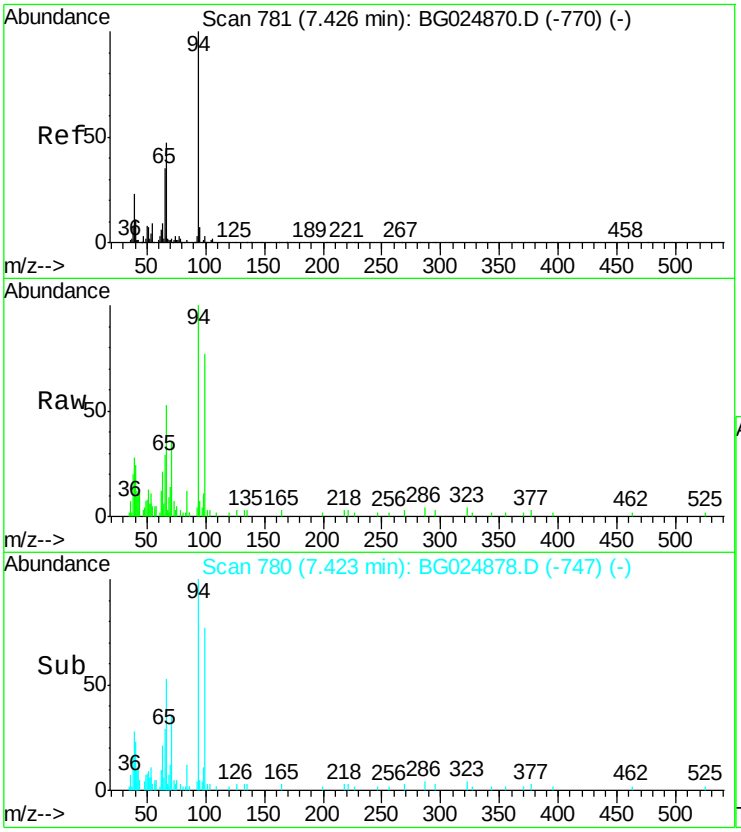
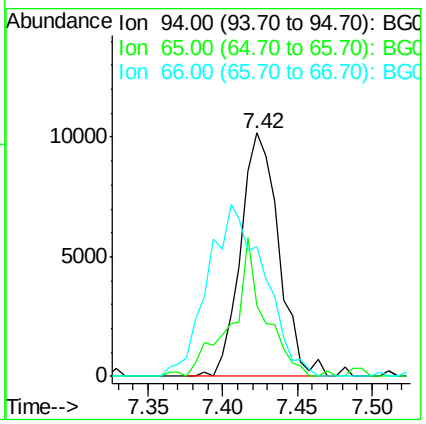




#6
Phenol
Concen: 1.60 ng/ul
RT: 7.42 min Scan# 780
Delta R.T. -0.00 min
Lab File: BG024878.D
Acq: 22 Nov 2016 3:36

Tgt Ion: 94 Resp: 17873

Ion	Ratio	Lower	Upper
94	100		
65	28.9	26.8	40.2
66	53.4	44.4	66.6



Instrument :
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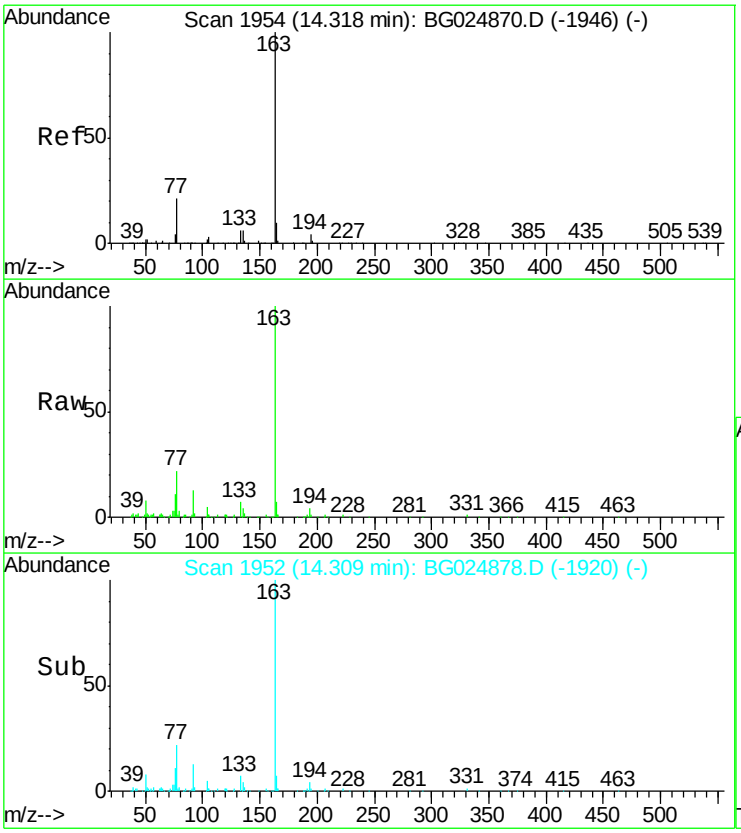
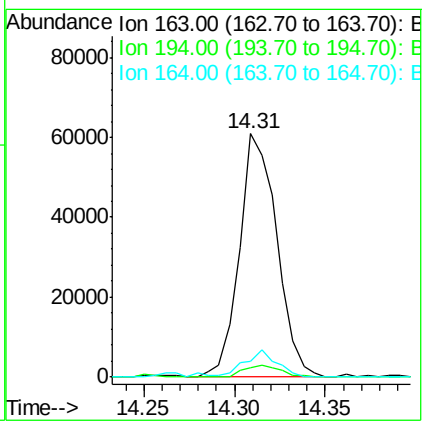
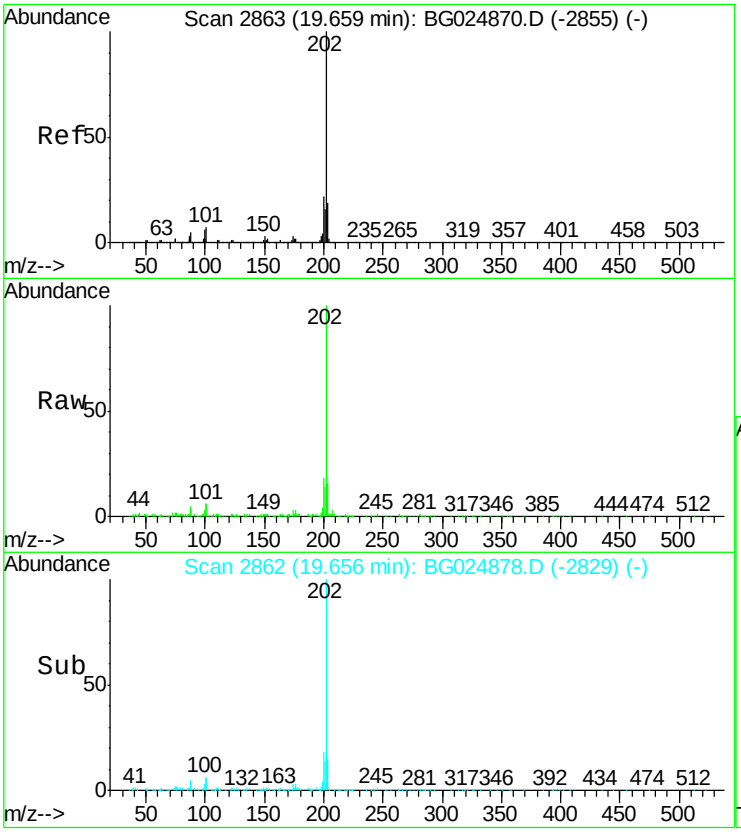


#44
Dimethylphthalate
Concen: 2.67 ng/ul
RT: 14.31 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BG024878.D
Acq: 22 Nov 2016 3:36

Tgt Ion:163 Resp: 87999

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	6.6	9.0	13.4#





#74
Fluoranthene
Concen: 2.65 ng/ul m
RT: 19.66 min Scan# 2862
Delta R.T. -0.00 min
Lab File: BG024878.D
Acq: 22 Nov 2016 3:36

Tgt Ion:202 Resp: 149883

Ion	Ratio	Lower	Upper
202	100		
101	5.6	6.2	9.2#
100	5.7	5.2	7.8

Instrument :
BNA_G
ClientSampleId :
JHSS7

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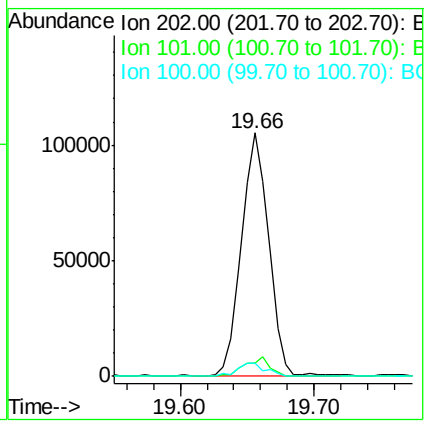
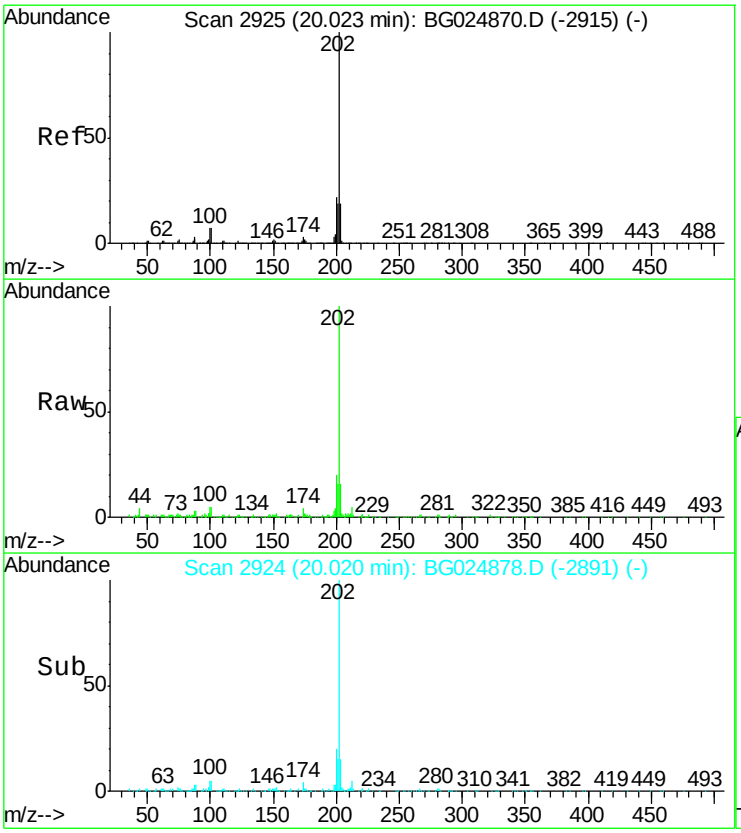
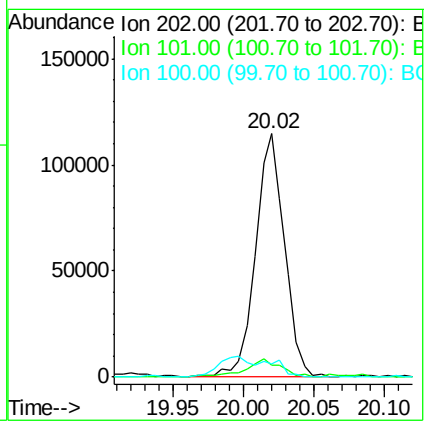


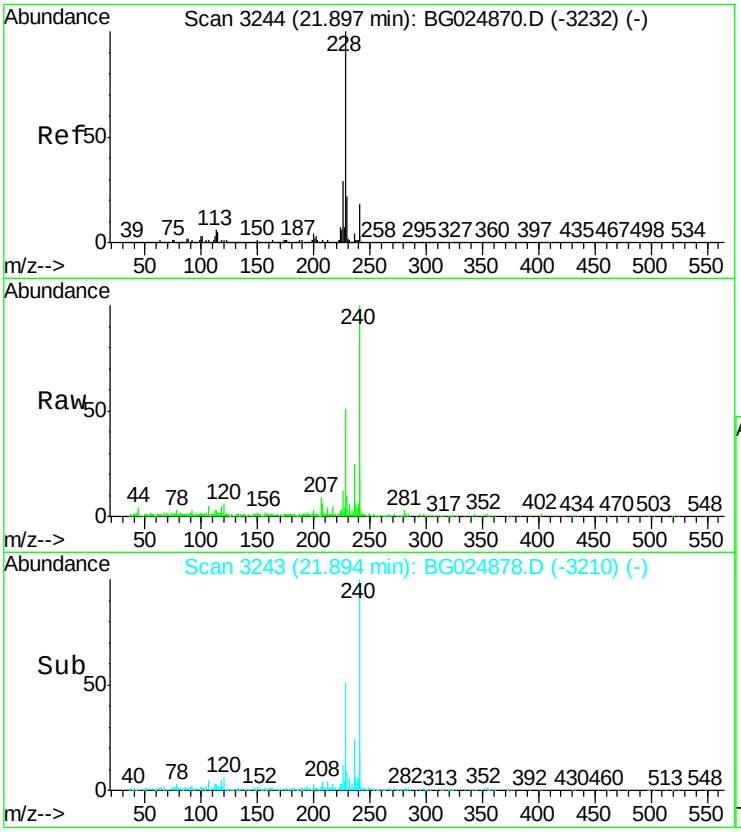


#77
Pyrene
Concen: 2.82 ng/ul
RT: 20.02 min Scan# 2924
Delta R.T. -0.00 min
Lab File: BG024878.D
Acq: 22 Nov 2016 3:36

Tgt Ion:202 Resp: 166408

Ion	Ratio	Lower	Upper
202	100		
101	4.8	6.9	10.3#
100	5.4	6.6	10.0#

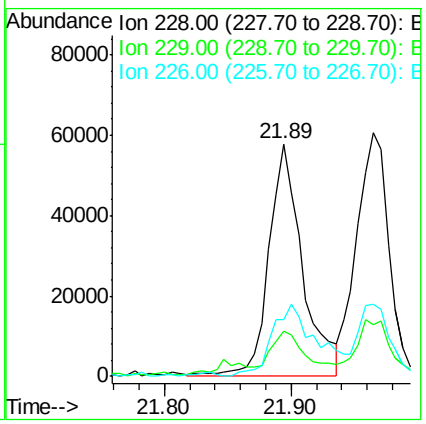




#80
Benzo(a)anthracene
Concen: 1.63 ng/ul
RT: 21.89 min Scan# 3243
Delta R.T. -0.00 min
Lab File: BG024878.D
Acq: 22 Nov 2016 3:36

Tgt Ion:228 Resp: 106827

Ion	Ratio	Lower	Upper
228	100		
229	19.4	16.3	24.5
226	24.2	21.9	32.9



Instrument :
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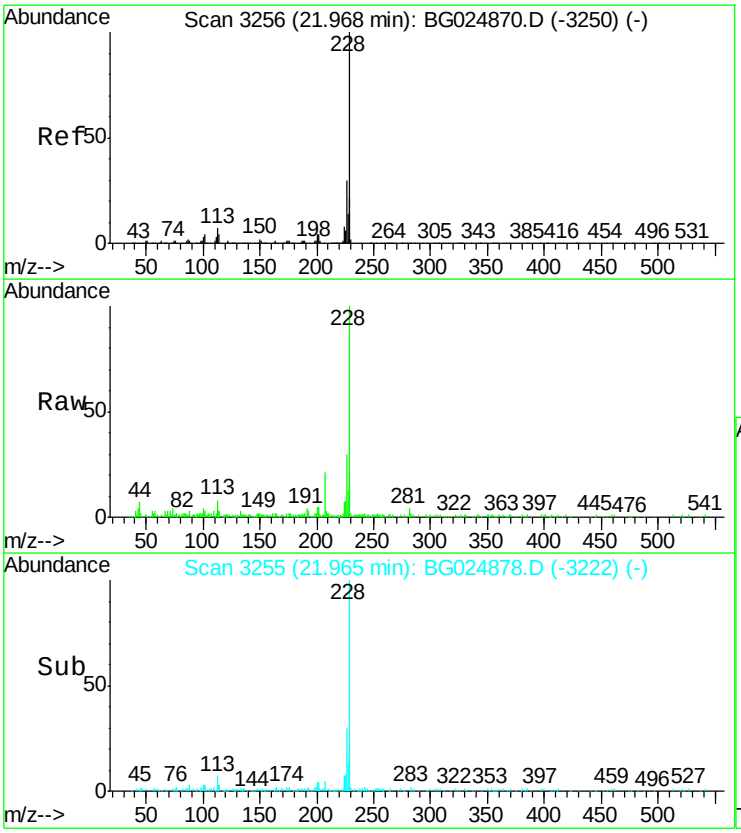
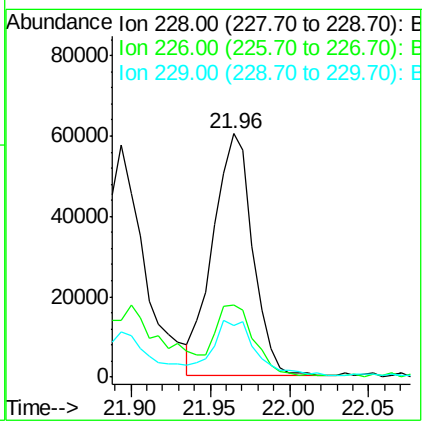
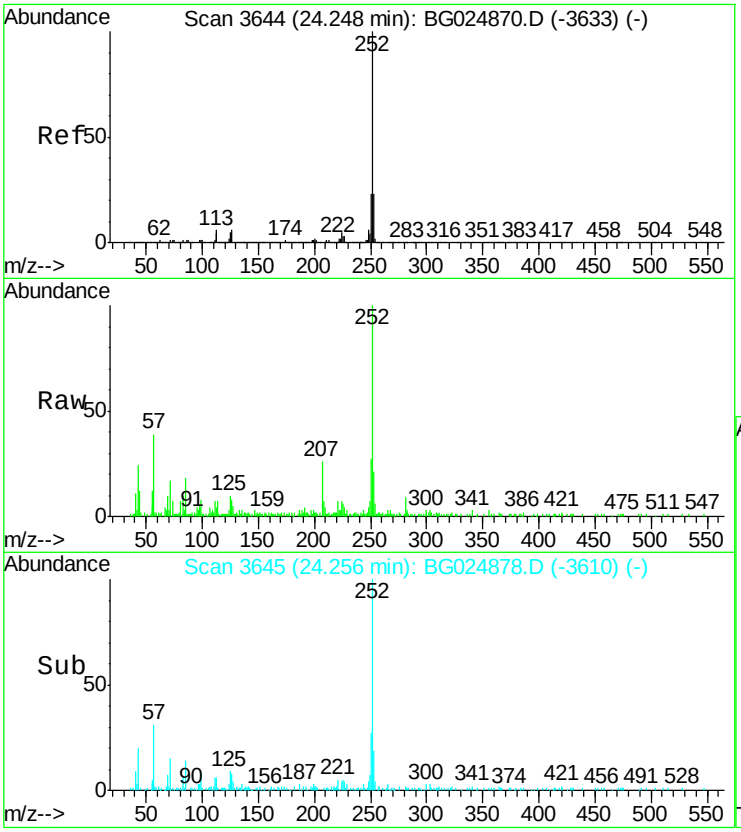


#82
Chrysene
Concen: 1.72 ng/ul
RT: 21.96 min Scan# 3255
Delta R.T. -0.00 min
Lab File: BG024878.D
Acq: 22 Nov 2016 3:36

Tgt Ion:228 Resp: 105463

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.0	36.0
229	21.2	16.9	25.3

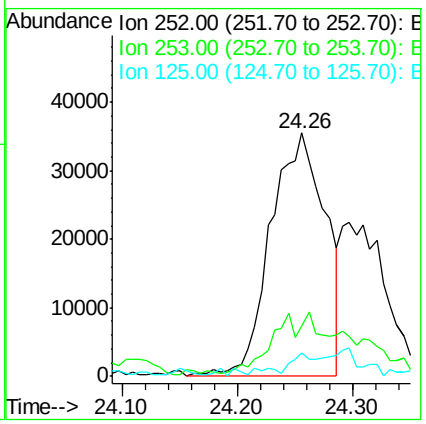




#85
Benzo(b)fluoranthene
Concen: 1.74 ng/ul
RT: 24.26 min Scan# 3645
Delta R.T. 0.01 min
Lab File: BG024878.D
Acq: 22 Nov 2016 3:36

Tgt Ion:252 Resp: 116181

Ion	Ratio	Lower	Upper
252	100		
253	20.6	17.7	26.5
125	9.7	4.0	6.0#



Instrument :
BNA_G
ClientSampleId :
JHSS7

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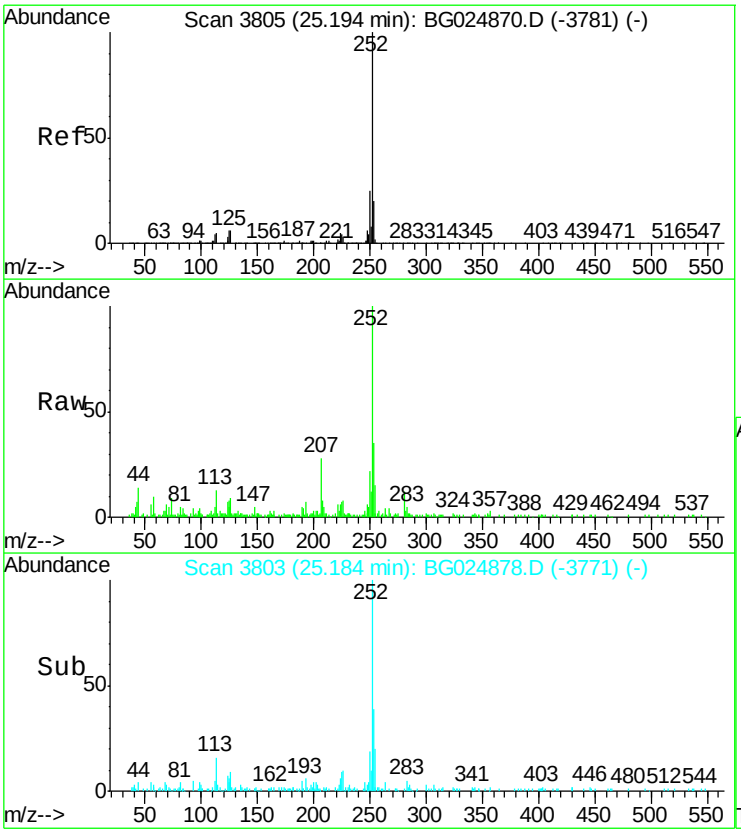

#88
Benzo(a)pyrene
Concen: 1.58 ng/ul
RT: 25.18 min Scan# 3803
Delta R.T. -0.01 min
Lab File: BG024878.D
Acq: 22 Nov 2016 3:36

Tgt Ion:252 Resp: 102023

Ion	Ratio	Lower	Upper
252	100		
253	34.6	17.8	26.6#
125	7.8	5.4	8.0