Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052216\
Data File : BG022020.D
Acq On : 22 May 2016 20:03
Operator : UM/SJ
Sample : H3204-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XK1

Manual Integrations APPROVED
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Quant Time: May 24 10:40:25 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 20 08:11:42 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	44511	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	222431	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.78	164	122401	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	232658	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	200055	20.00	ng/ul	0.00
34) Perylene-d12	25.14	264	190020	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.54	96	1273	1.31	ng/uL	0.00
3) Phenol-d5	7.31	99	63364	16.12	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.48	67	35232	16.83	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	56847	17.62	ng/ul	0.00
6) 4-Methylphenol-d8	8.87	113	53230	15.20	ng/ul	0.00
8) Nitrobenzene-d5	9.32	128	27080	17.35	ng/ul	0.00
9) 2-Nitrophenol-d4	10.05	143	30725	18.45	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.59	165	52790	17.94	ng/ul	0.00
12) 4-Chloroaniline-d4	11.12	131	54949	23.71	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	169439	17.95	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	230835	18.99	ng/ul	0.00
20) 4-Nitrophenol-d4	14.99	143	14773m	8.90	ng/ul	0.00
21) Fluorene-d10	15.77	176	149676	17.62	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.89	200	14200	12.30	ng/ul	0.00
26) Anthracene-d10	17.63	188	202676m	18.91	ng/ul	0.00
30) Pyrene-d10	19.91	212	202188	19.16	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.91	264	162360	19.24	ng/ul	0.00
Target Compounds						Qvalue
28) Fluoranthene	19.57	202	17137	1.33	ng/ul	98
31) Pyrene	19.94	202	15187m	1.10	ng/ul	
33) Chrysene	21.85	228	11310m	1.05	ng/ul	
35) Benzo(b)fluoranthene	24.08	252	17678	1.62	ng/ul#	92

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

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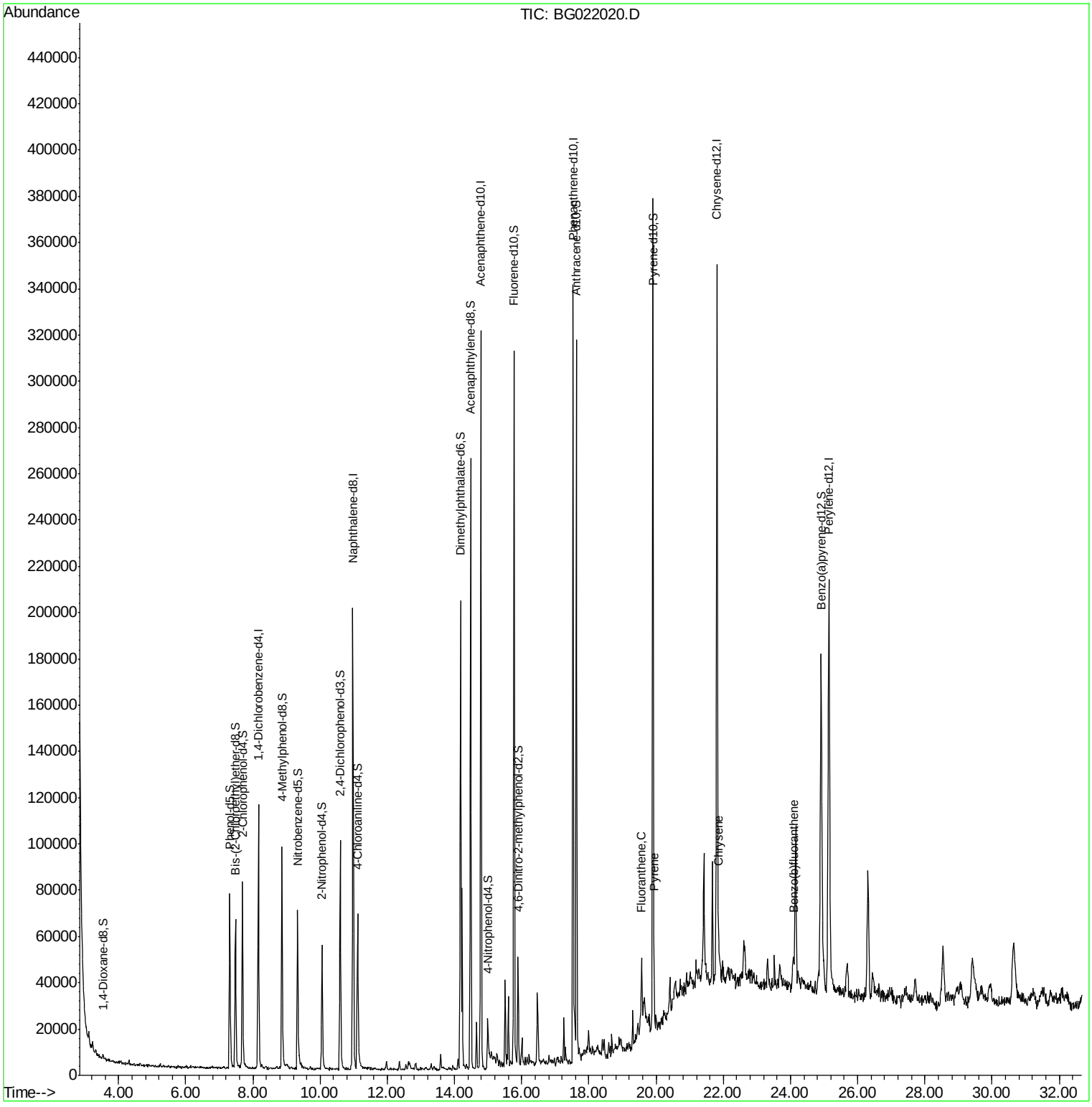
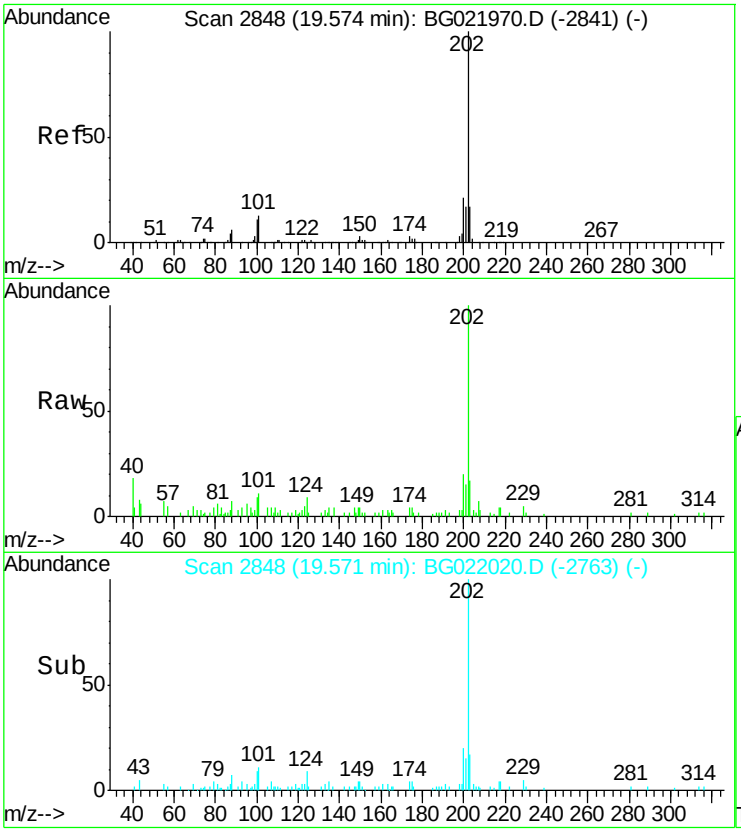
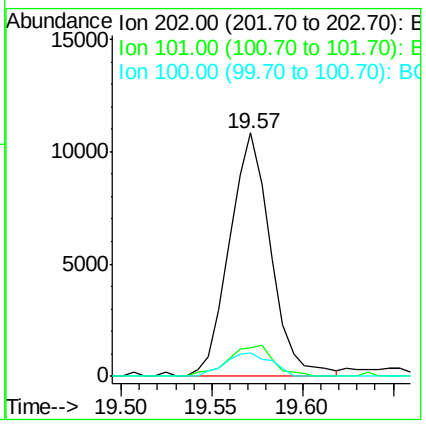




#28
Fluoranthene
Concen: 1.33 ng/ul
RT: 19.57 min Scan# 2848
Delta R.T. -0.00 min
Lab File: BG022020.D
Acq: 22 May 2016 20:03

Tgt Ion:202 Resp: 17137

Ion	Ratio	Lower	Upper
202	100		
101	11.5	8.9	13.3
100	9.5	7.0	10.4



Instrument :
BNA_G
ClientSampleId :
D9XK1

Manual Integrations APPROVED
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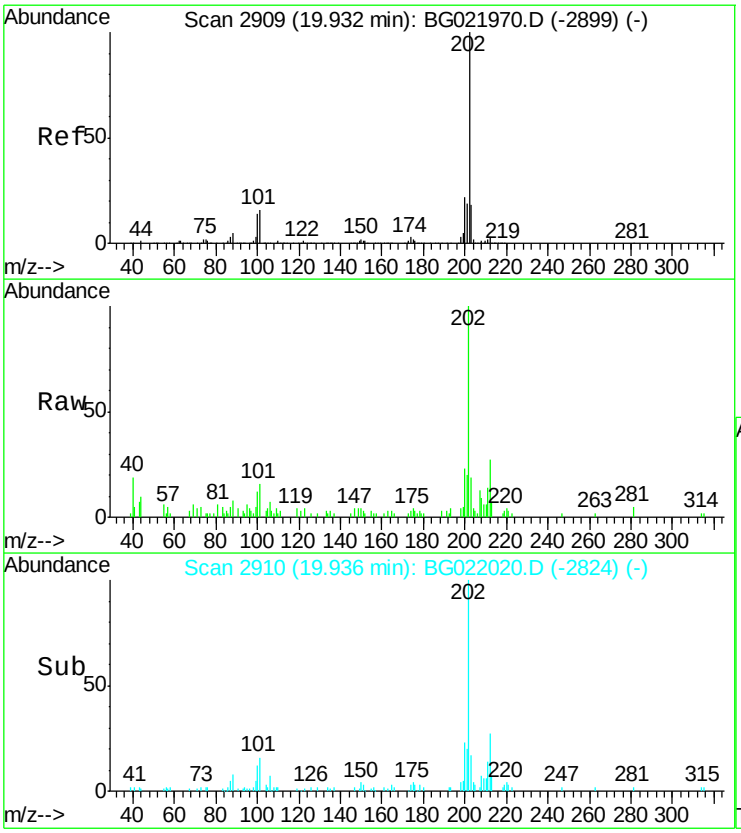
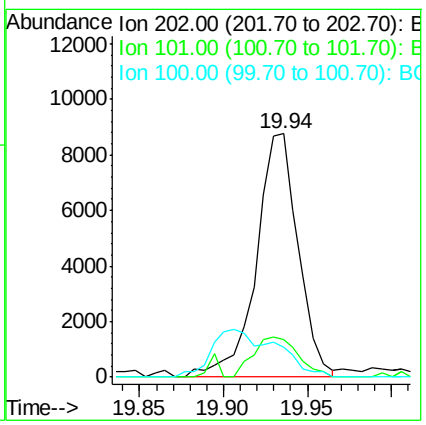
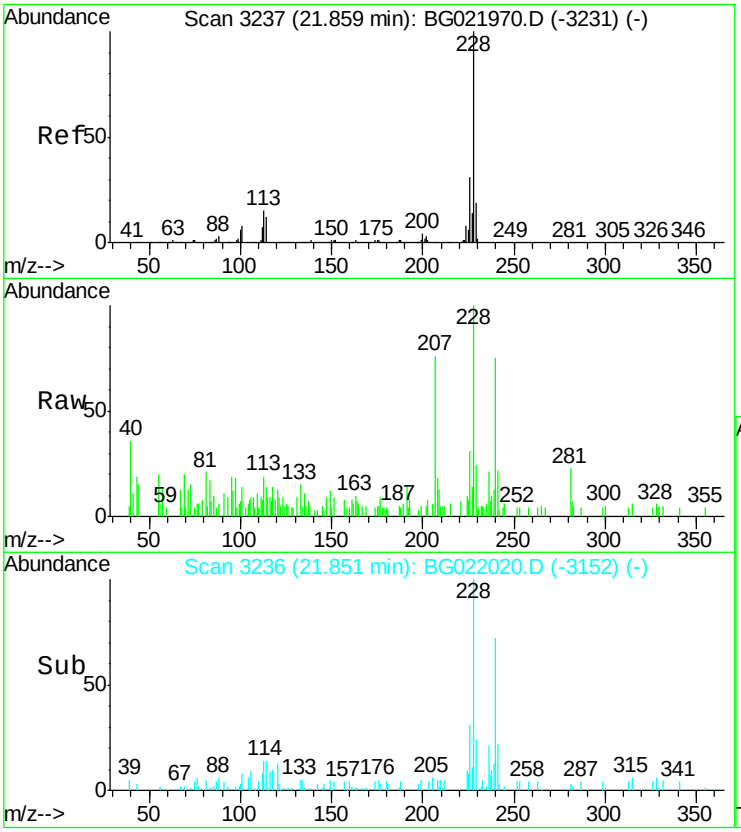


#31
Pyrene
Concen: 1.10 ng/ul m
RT: 19.94 min Scan# 2910
Delta R.T. 0.00 min
Lab File: BG022020.D
Acq: 22 May 2016 20:03

Tgt Ion:202 Resp: 15187

Ion	Ratio	Lower	Upper
202	100		
101	15.5	9.8	14.8#
100	12.1	9.3	13.9

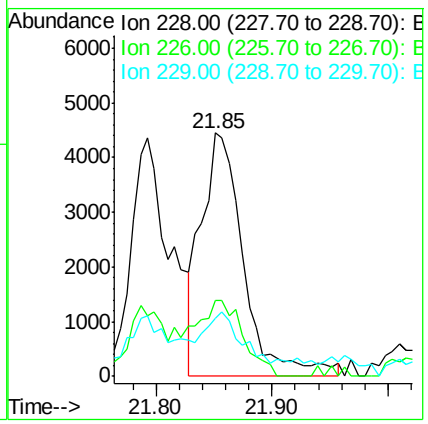




#33
Chrysene
Concen: 1.05 ng/ul m
RT: 21.85 min Scan# 3236
Delta R.T. -0.01 min
Lab File: BG022020.D
Acq: 22 May 2016 20:03

Tgt Ion:228 Resp: 11310

Ion	Ratio	Lower	Upper
228	100		
226	31.4	23.4	35.2
229	23.7	16.2	24.2



Instrument :
BNA_G
ClientSampleId :
D9XK1

Manual Integrations APPROVED
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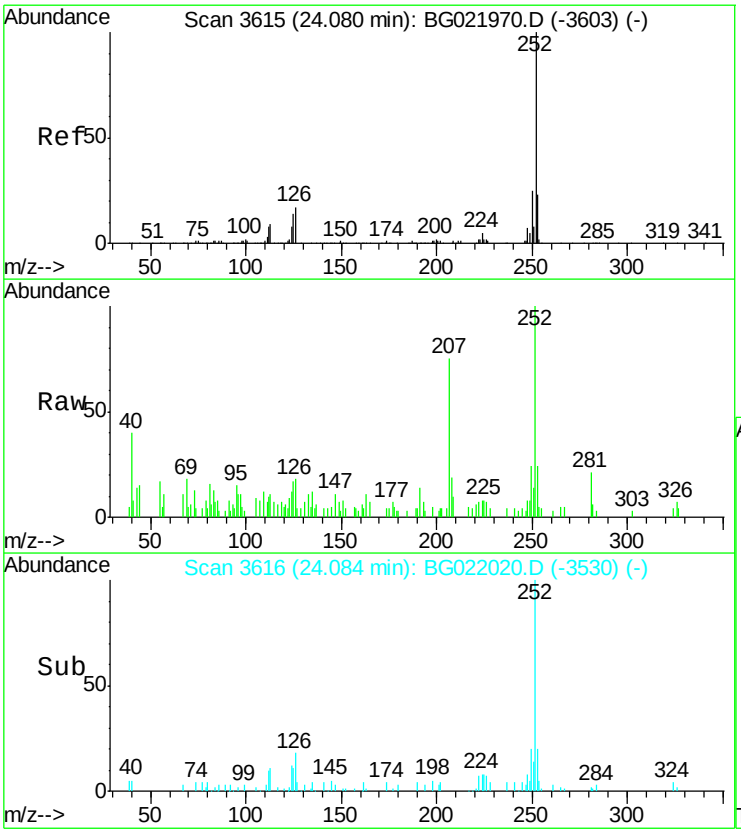
5/24/2016 7:33:09 PM



#35
Benzo(b)fluoranthene
Concen: 1.62 ng/ul
RT: 24.08 min Scan# 3616
Delta R.T. 0.00 min
Lab File: BG022020.D
Acq: 22 May 2016 20:03

Tgt Ion:252 Resp: 17678

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.1	27.1
125	17.5	7.6	11.4#