Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG022006.D
Acq On : 22 May 2016 10:41
Operator : UM/SJ
Sample : H3124-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHGG5

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Quant Time: May 23 18:42:12 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 23 17:16:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	46334	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	213883	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	114116	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.55	188	202381	20.00	ng/ul	0.02
75) Chrysene-d12	21.81	240	202928	20.00	ng/ul	0.00
83) Perylene-d12	25.14	264	204491	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	3301	3.71	ng/uL	0.00
5) Phenol-d5	7.31	99	75418	18.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	43750	19.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	70382	20.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	60445	17.02	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	33523	21.25	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	35411	20.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	62355	20.69	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	90606	27.60	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	177950	20.76	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	258847	21.63	ng/ul	0.01
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.79	176	158609	19.76	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.65	188	220613	22.71	ng/ul	0.02
76) Pyrene-d10	19.92	212	227675	19.90	ng/ul	0.01
87) Benzo(a)pyrene-d12	24.91	264	213489	22.50	ng/ul	0.00
Target Compounds						Qvalue
24) 2,4-Dimethylphenol	10.19	107	22762m	6.60	ng/ul	
28) Naphthalene	11.03	128	46836	4.32	ng/ul#	81
34) 2-Methylnaphthalene	12.63	142	51614	6.66	ng/ul	96
44) Dimethylphthalate	14.24	163	127949	14.86	ng/ul#	66
77) Pyrene	19.95	202	20869	1.46	ng/ul#	83

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

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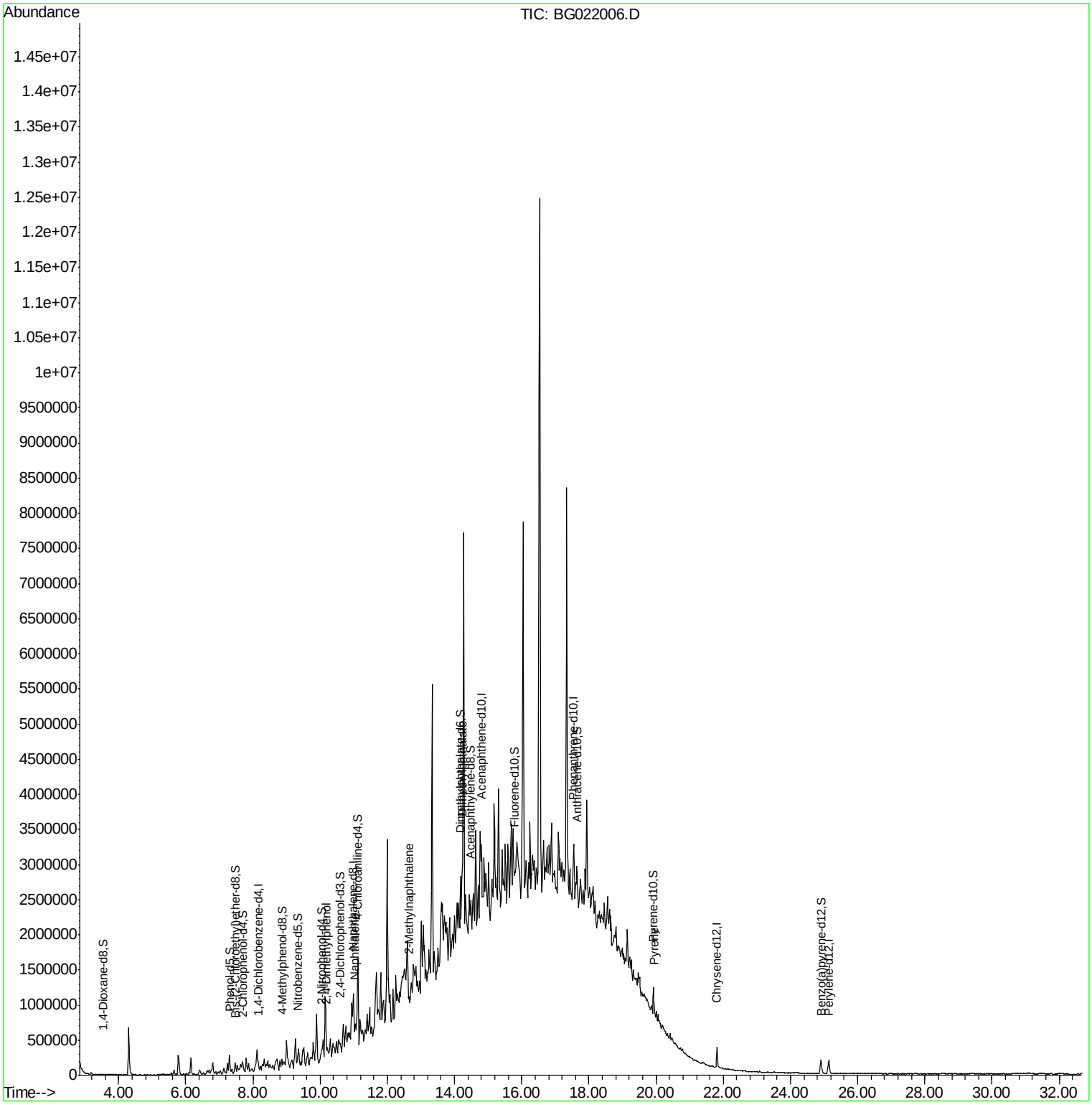
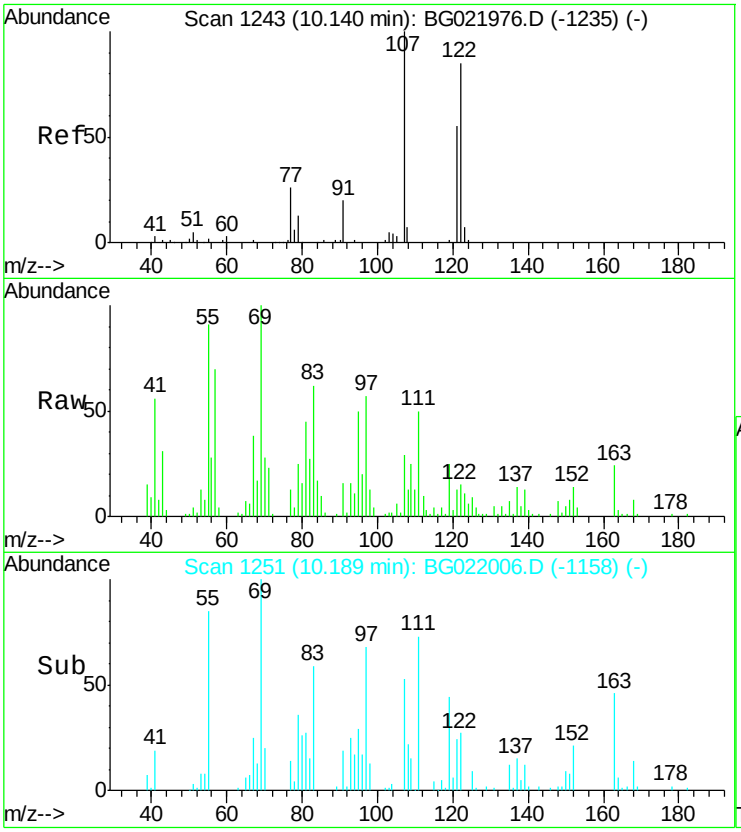
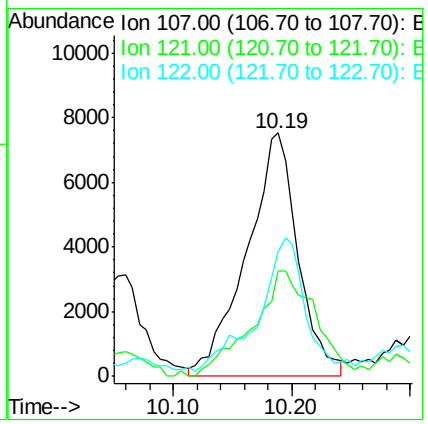




#24
2,4-Dimethylphenol
Concen: 6.60 ng/ul m
RT: 10.19 min Scan# 1251
Delta R.T. 0.05 min
Lab File: BG022006.D
Acq: 22 May 2016 10:41

Tgt Ion:107 Resp: 22762

Ion	Ratio	Lower	Upper
107	100		
121	43.3	43.7	65.5#
122	51.3	70.3	105.5#



Instrument :
BNA_G
ClientSampleId :
JHGG5

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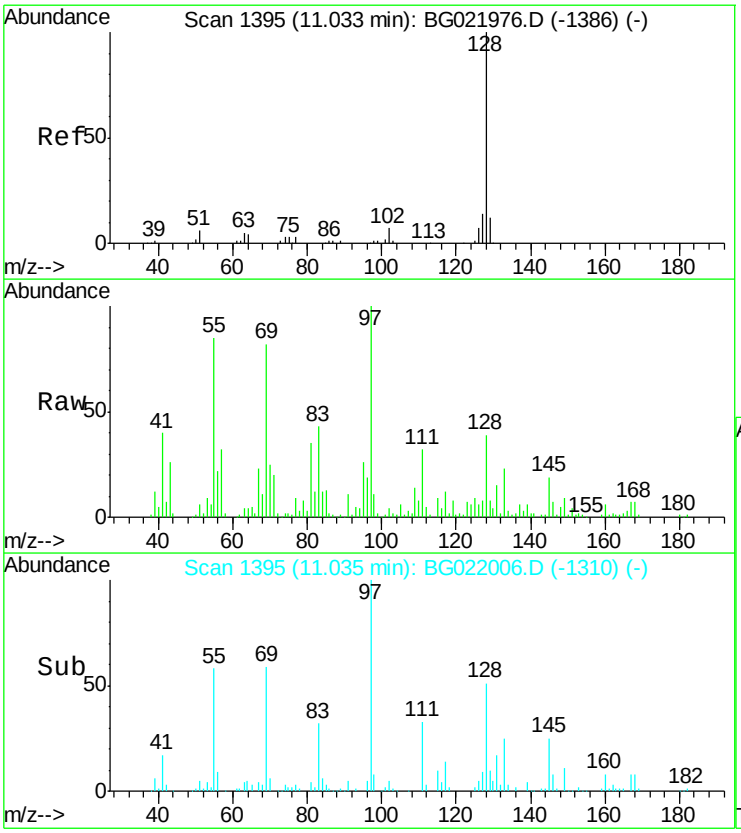
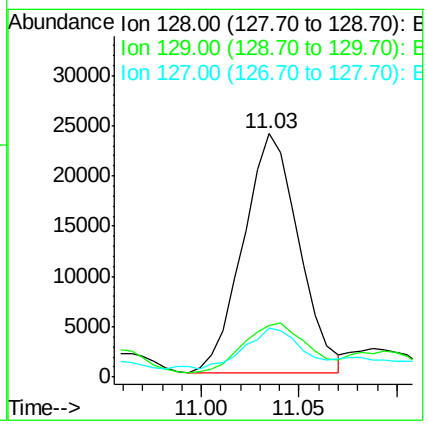
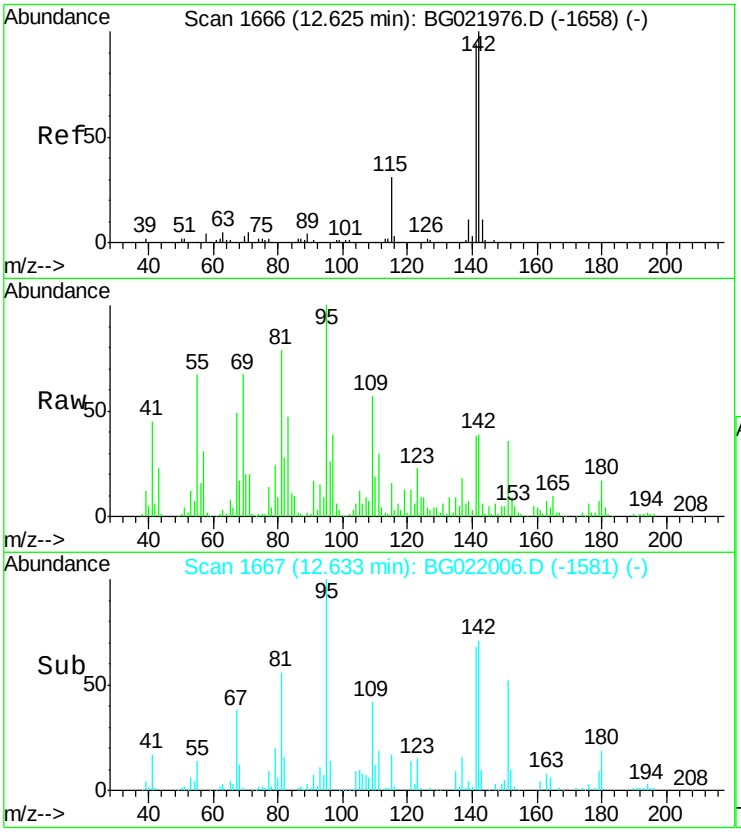


#28
Naphthalene
Concen: 4.32 ng/ul
RT: 11.03 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BG022006.D
Acq: 22 May 2016 10:41

Tgt Ion:128 Resp: 46836

Ion	Ratio	Lower	Upper
128	100		
129	21.0	9.4	14.2#
127	20.2	11.2	16.8#





#34
2-Methylnaphthalene
Concen: 6.66 ng/ul
RT: 12.63 min Scan# 1667
Delta R.T. 0.01 min
Lab File: BG022006.D
Acq: 22 May 2016 10:41

Tgt Ion:142 Resp: 51614

Ion	Ratio	Lower	Upper
142	100		
141	97.7	75.2	112.8

Instrument :
BNA_G
ClientSampleId :
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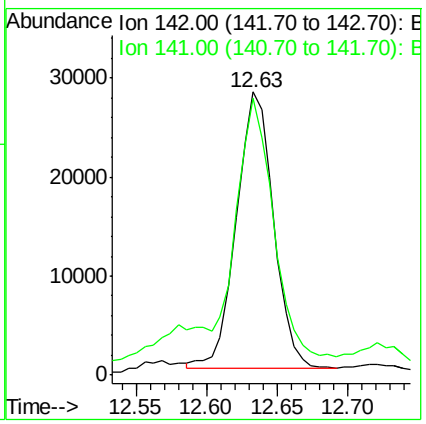
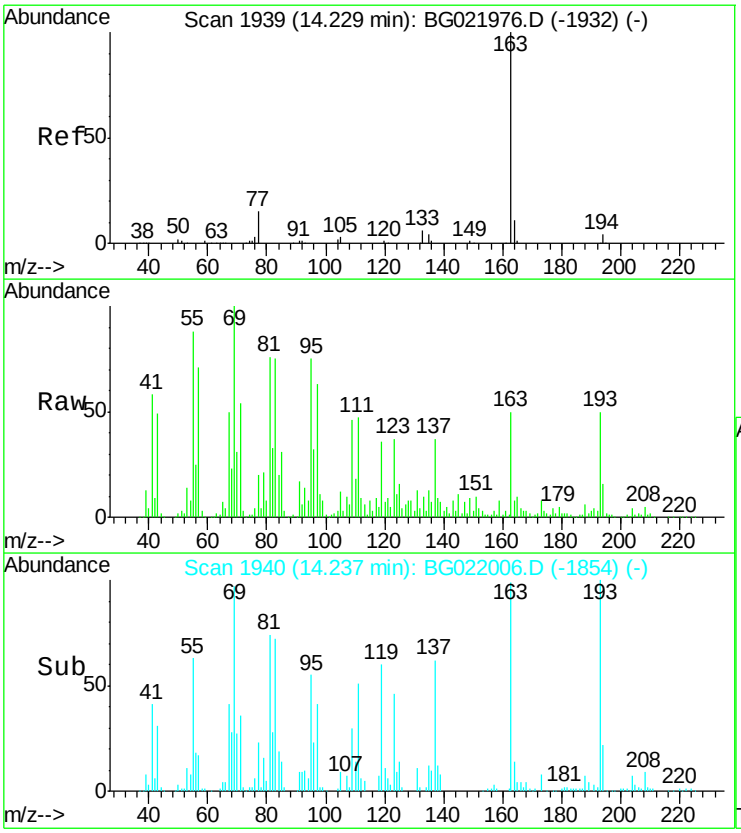
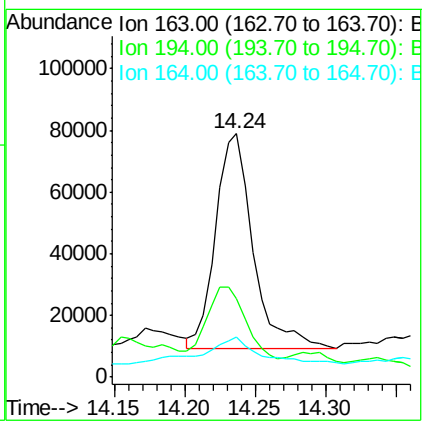


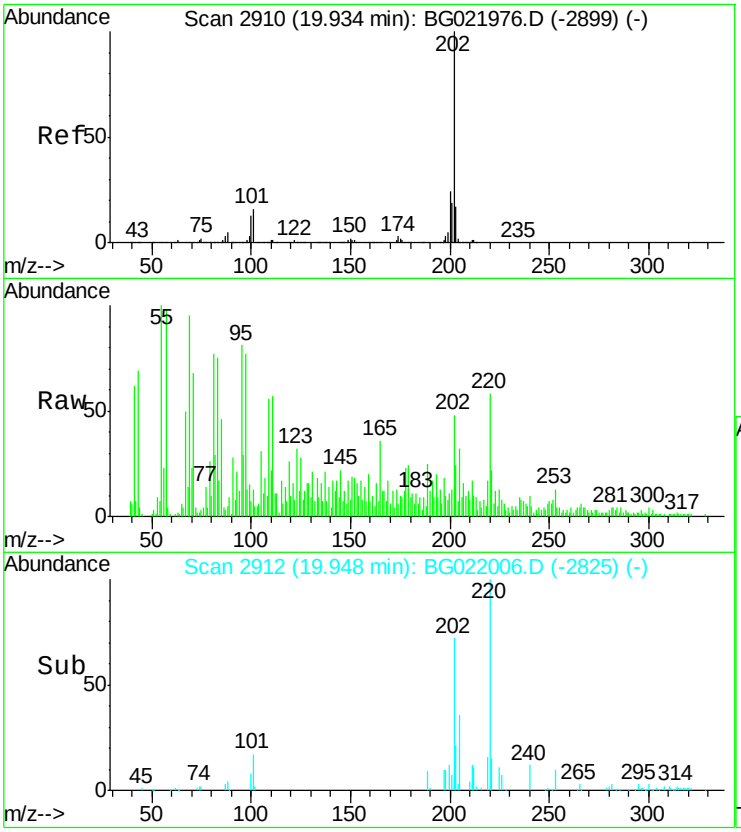


#44
Dimethylphthalate
Concen: 14.86 ng/ul
RT: 14.24 min Scan# 1940
Delta R.T. 0.01 min
Lab File: BG022006.D
Acq: 22 May 2016 10:41

Tgt Ion:163 Resp: 127949

Ion	Ratio	Lower	Upper
163	100		
194	32.3	3.4	5.2#
164	16.3	8.8	13.2#

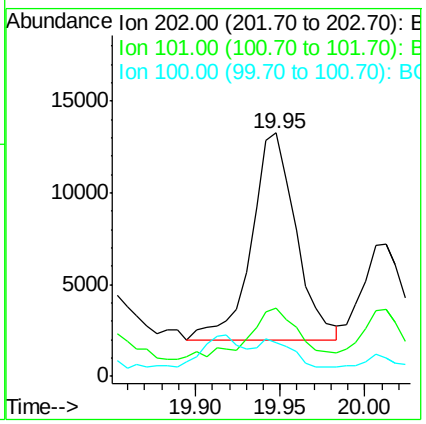




#77
Pyrene
Concen: 1.46 ng/ul
RT: 19.95 min Scan# 2912
Delta R.T. 0.01 min
Lab File: BG022006.D
Acq: 22 May 2016 10:41

Tgt Ion:202 Resp: 20869

Ion	Ratio	Lower	Upper
202	100		
101	27.8	12.5	18.7#
100	14.0	10.2	15.4



Instrument :
BNA_G
ClientSampleId :
JHGG5

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