Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021016\
Data File : BG020835.D
Acq On : 10 Feb 2016 11:29
Operator : SJ/UM
Sample : H1390-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C04L5

Manual Integrations APPROVED
UMANGI
2/11/2016 10:48:47 AM

Quant Time: Feb 11 03:39:06 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG020816.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 11 03:24:50 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	19652	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	102812	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	62223	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	125394	20.00	ng/ul	0.00
78) Chrysene-d12	21.91	240	111354	20.00	ng/ul	0.00
86) Perylene-d12	25.29	264	104405	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	948	2.34	ng/uL	0.00
5) Phenol-d5	7.41	99	26786	13.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	16269	15.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	23539	15.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	22124	12.78	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	12561	15.23	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	12700	15.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	23731	15.03	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	33623	15.99	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	80878	15.11	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	103843	15.88	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	10233	9.55	ng/ul	0.00
58) Fluorene-d10	15.87	176	72523	15.92	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	4972	8.18	ng/ul	0.00
71) Anthracene-d10	17.72	188	99758	16.10	ng/ul	0.00
79) Pyrene-d10	19.98	212	97306	17.00	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.06	264	95151	16.45	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	14.33	163	30673	5.50	ng/ul	98
70) Phenanthrene	17.66	178	32603	4.13	ng/ul	99
77) Fluoranthene	19.66	202	65947	8.06	ng/ul	96
80) Pyrene	20.01	202	57456	7.14	ng/ul	99
83) Benzo(a)anthracene	21.88	228	31041	4.28	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.77	149	13917	2.46	ng/ul	96
85) Chrysene	21.95	228	30391	4.54	ng/ul	97
88) Benzo(b)fluoranthene	24.21	252	40004	5.63	ng/ul	96
89) Benzo(k)fluoranthene	24.27	252	15012m	2.21	ng/ul	
91) Benzo(a)pyrene	25.13	252	27196	4.04	ng/ul	94
92) Indeno(1,2,3-cd)pyrene	29.17	276	19404	2.50	ng/ul	97
94) Benzo(g,h,i)perylene	30.36	276	17030	2.68	ng/ul	99

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

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Instrument :
BNA_G
ClientSampleId :
C04L5

Manual Integrations APPROVED
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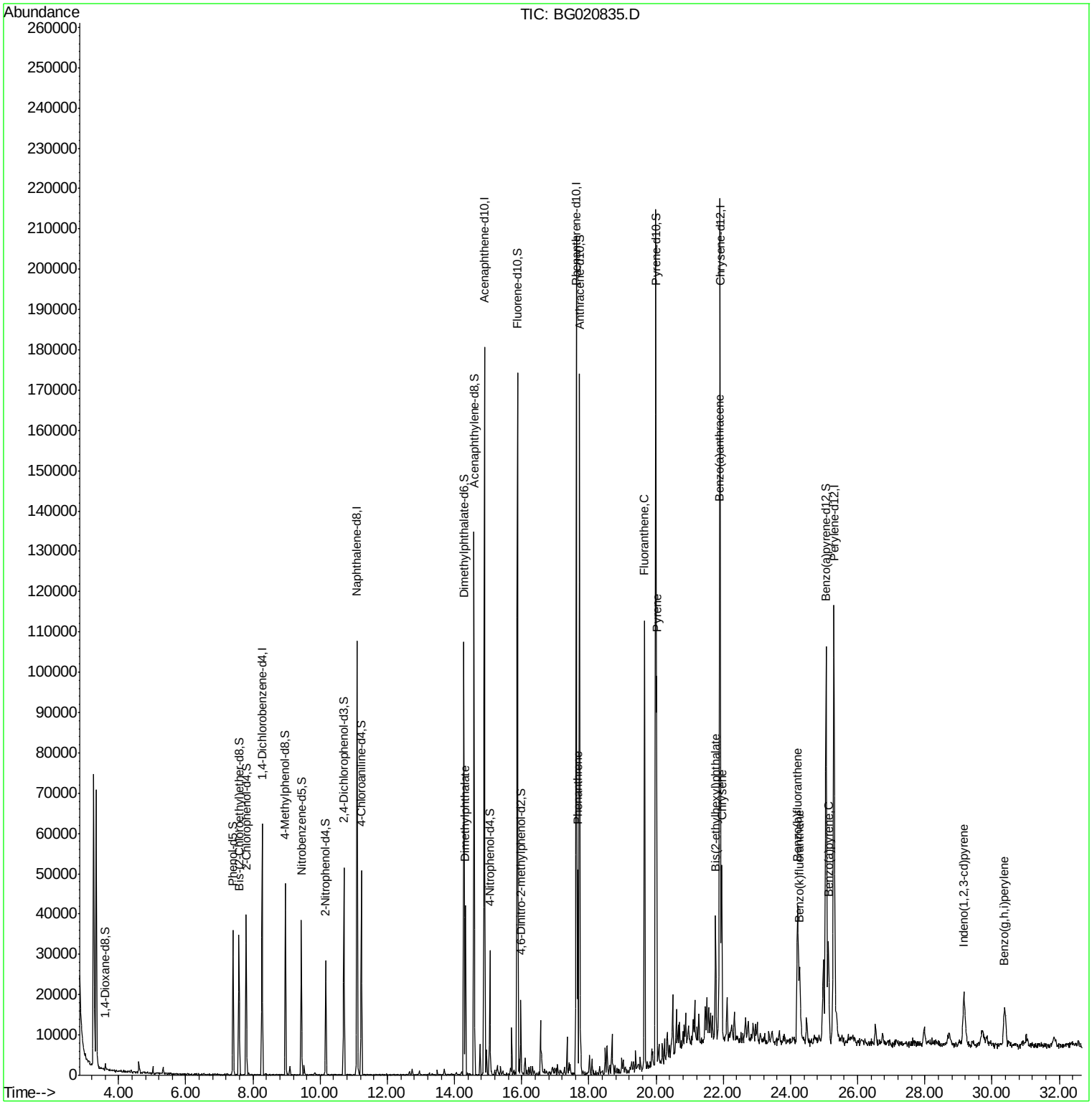
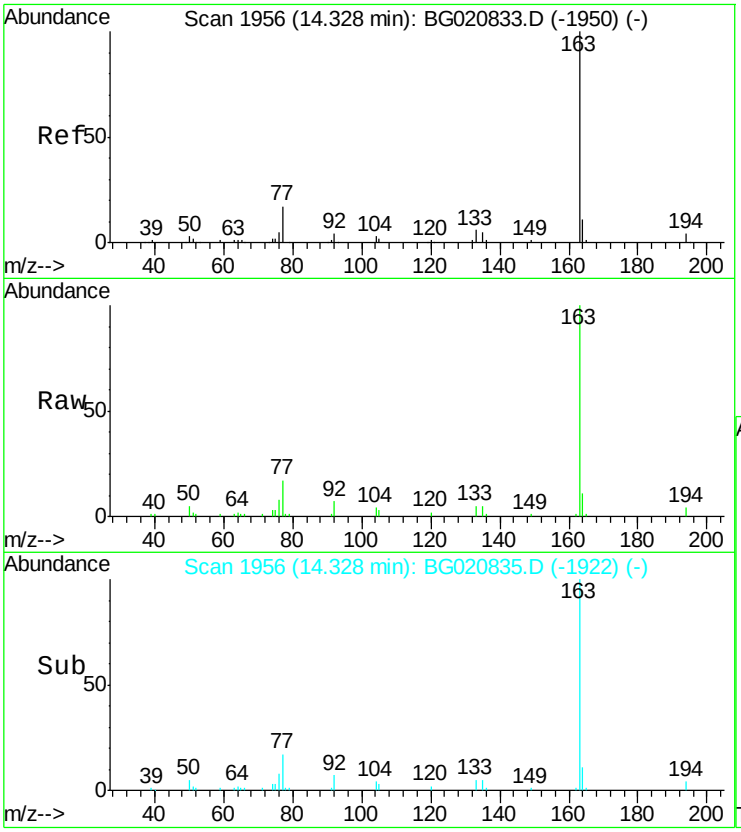
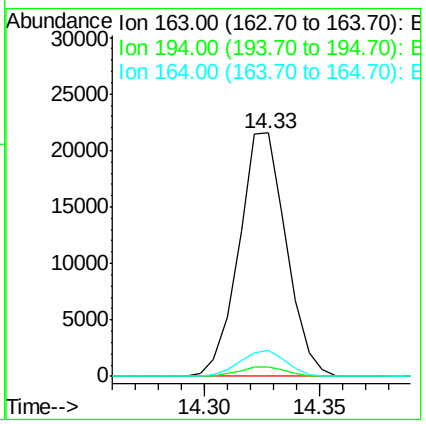




#45
Dimethylphthalate
Concen: 5.50 ng/ul
RT: 14.33 min Scan# 1956
Delta R.T. -0.00 min
Lab File: BG020835.D
Acq: 10 Feb 2016 11:29

Tgt Ion:163 Resp: 30673

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.9	7.7	11.5



Instrument :
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ClientSampleId :
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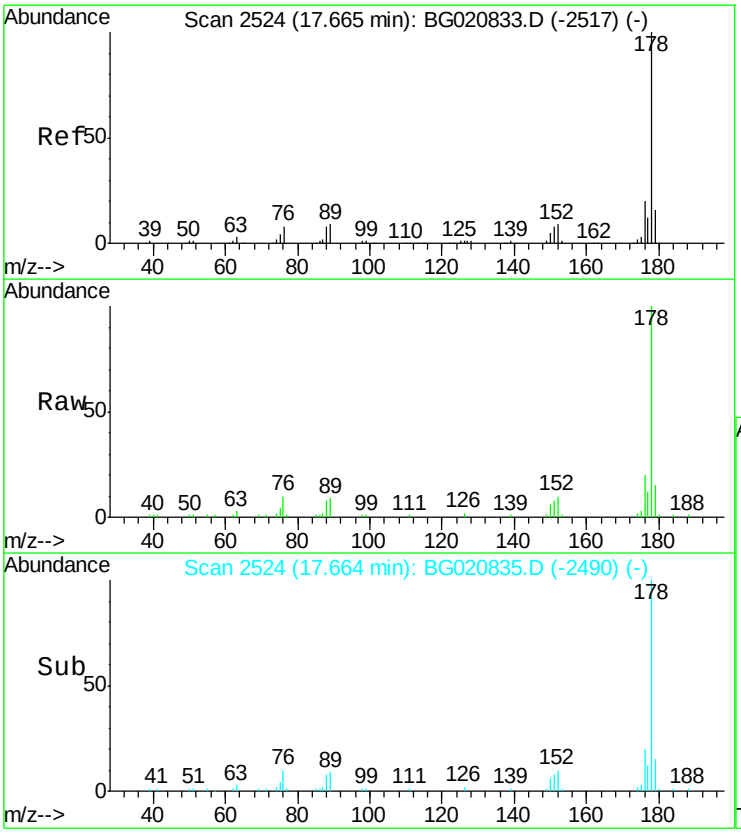
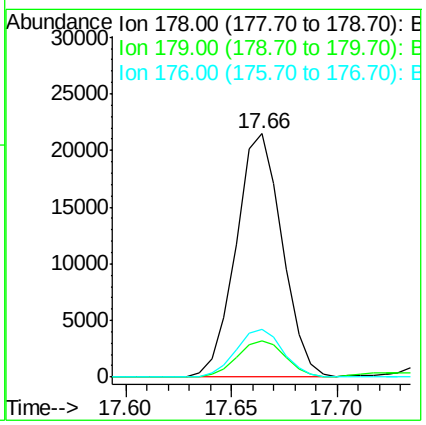
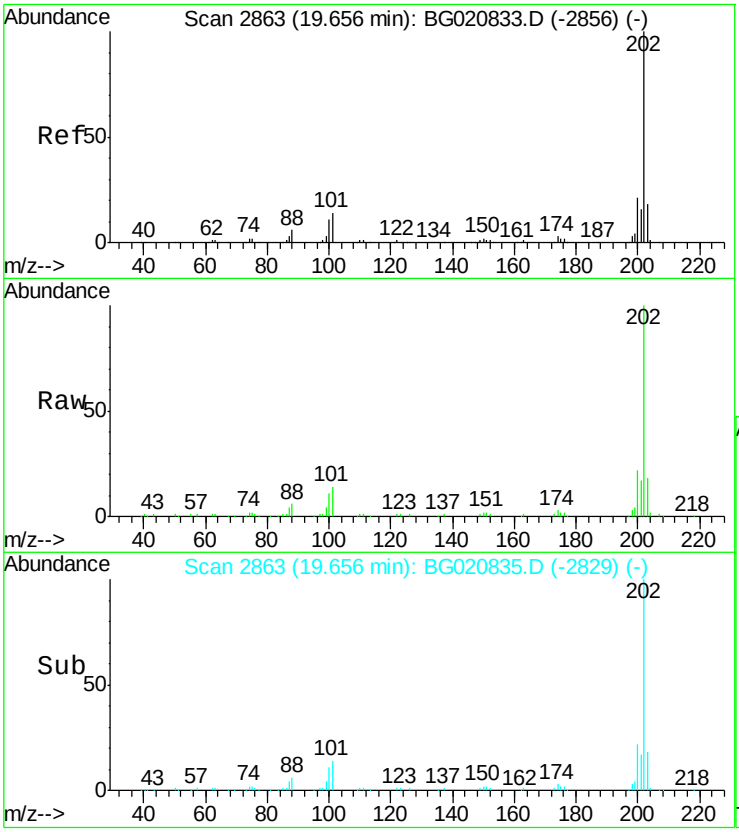


#70
Phenanthrene
Concen: 4.13 ng/ul
RT: 17.66 min Scan# 2524
Delta R.T. -0.00 min
Lab File: BG020835.D
Acq: 10 Feb 2016 11:29

Tgt Ion:178 Resp: 32603

Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.6	19.0
176	19.6	16.0	24.0





#77
Fluoranthene
Concen: 8.06 ng/ul
RT: 19.66 min Scan# 2863
Delta R.T. -0.00 min
Lab File: BG020835.D
Acq: 10 Feb 2016 11:29

Tgt Ion:202 Resp: 65947

Ion	Ratio	Lower	Upper
202	100		
101	13.9	12.5	18.7
100	11.2	9.9	14.9

Instrument :
BNA_G
ClientSampleId :
C04L5

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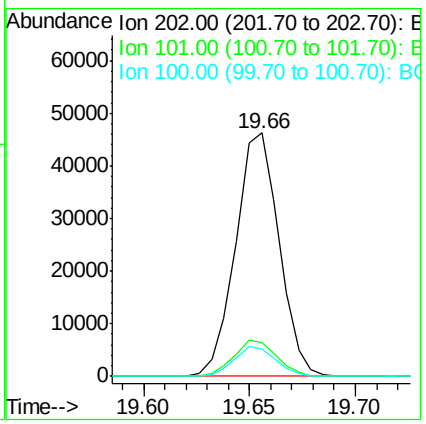
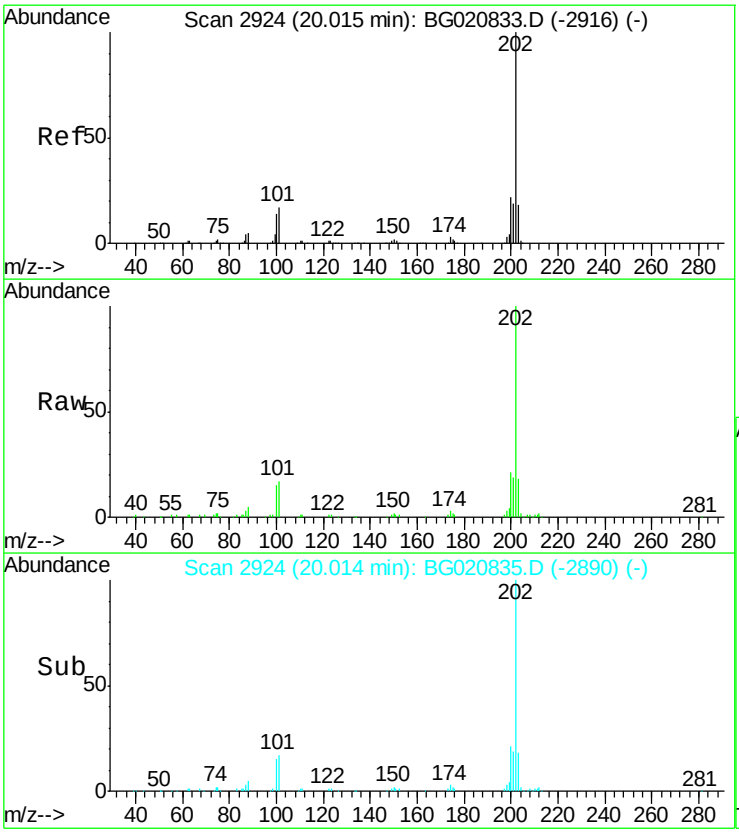
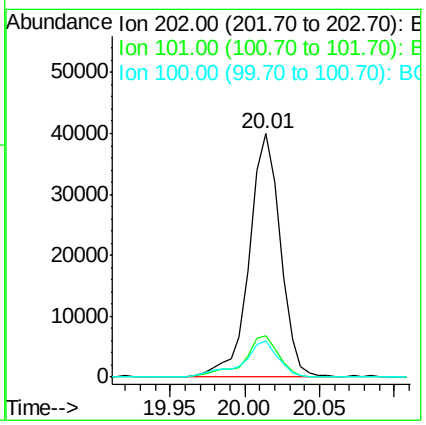


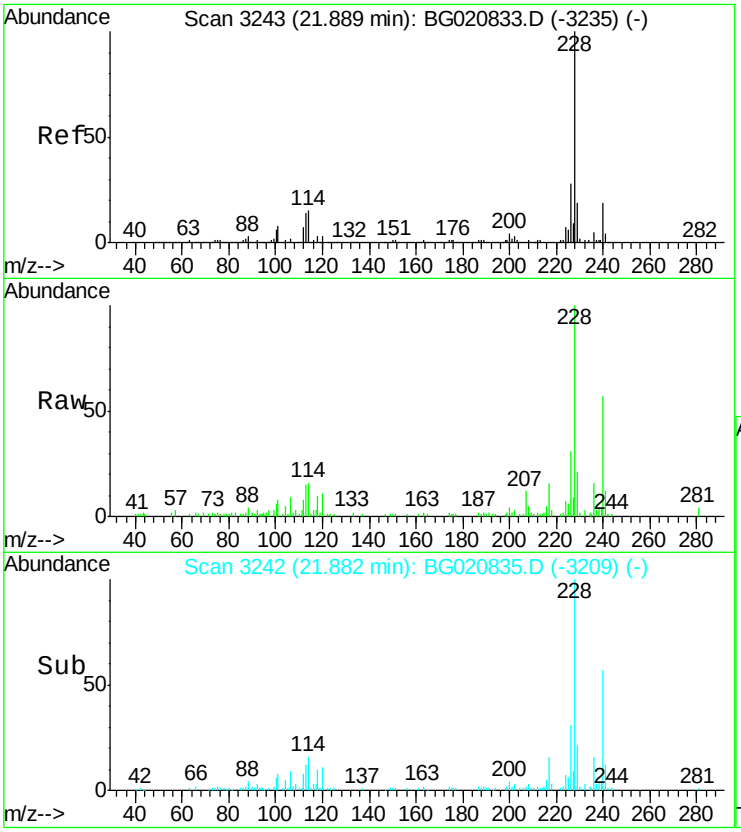


#80
Pyrene
Concen: 7.14 ng/ul
RT: 20.01 min Scan# 2924
Delta R.T. -0.00 min
Lab File: BG020835.D
Acq: 10 Feb 2016 11:29

Tgt Ion:202 Resp: 57456

Ion	Ratio	Lower	Upper
202	100		
101	17.0	13.5	20.3
100	15.0	11.7	17.5





#83
Benzo(a)anthracene
Concen: 4.28 ng/ul
RT: 21.88 min Scan# 3242
Delta R.T. -0.01 min
Lab File: BG020835.D
Acq: 10 Feb 2016 11:29

Tgt Ion:228 Resp: 31041

Ion	Ratio	Lower	Upper
228	100		
229	21.2	14.8	22.2
226	30.8	23.0	34.4

Instrument :
BNA_G
ClientSampleId :
C04L5

Manual Integrations APPROVED
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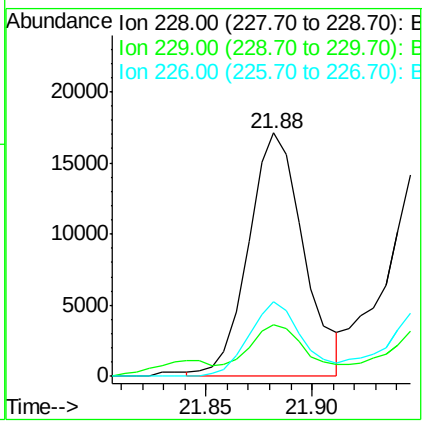
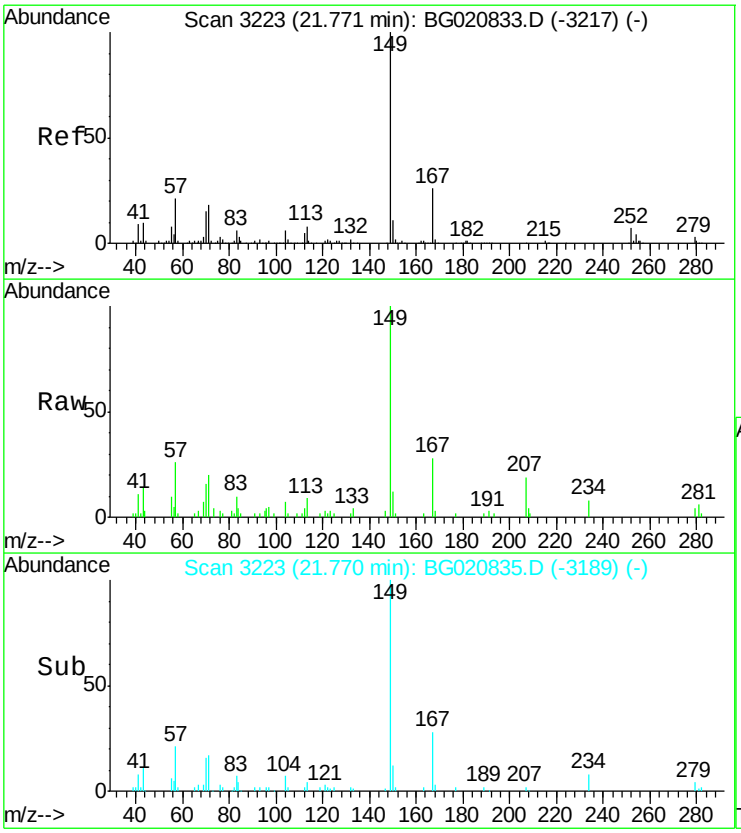
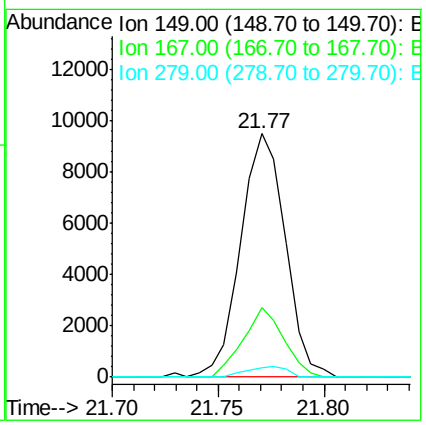


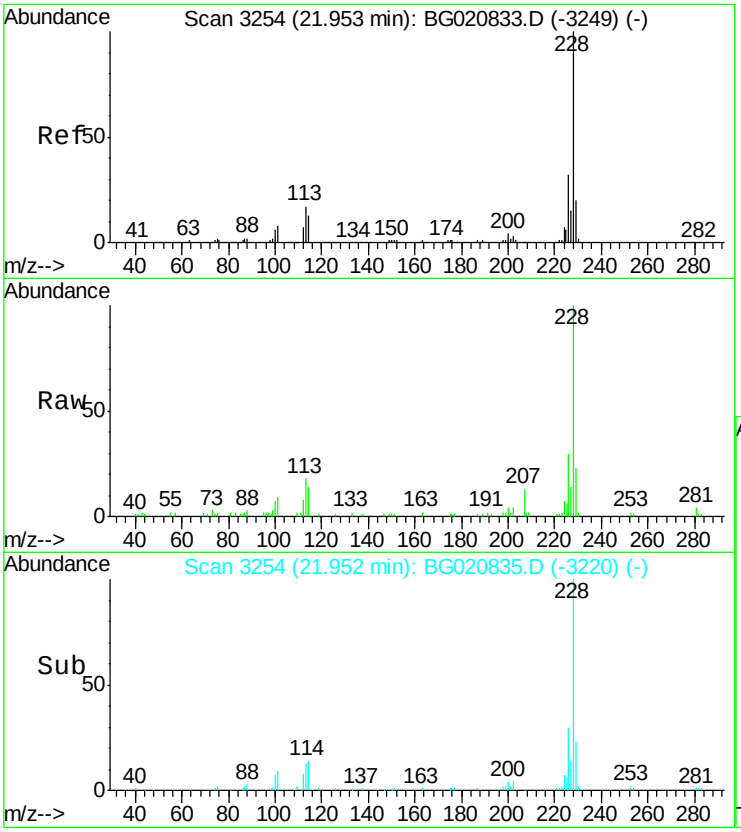


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.46 ng/ul
RT: 21.77 min Scan# 3223
Delta R.T. -0.00 min
Lab File: BG020835.D
Acq: 10 Feb 2016 11:29

Tgt Ion:149 Resp: 13917

Ion	Ratio	Lower	Upper
149	100		
167	28.5	21.0	31.4
279	3.6	2.5	3.7

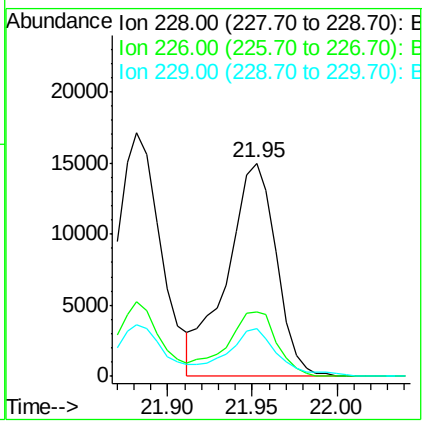




#85
Chrysene
Concen: 4.54 ng/ul
RT: 21.95 min Scan# 3254
Delta R.T. -0.00 min
Lab File: BG020835.D
Acq: 10 Feb 2016 11:29

Tgt Ion:228 Resp: 30391

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.4	36.6
229	22.6	15.8	23.6



Instrument :
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ClientSampleId :
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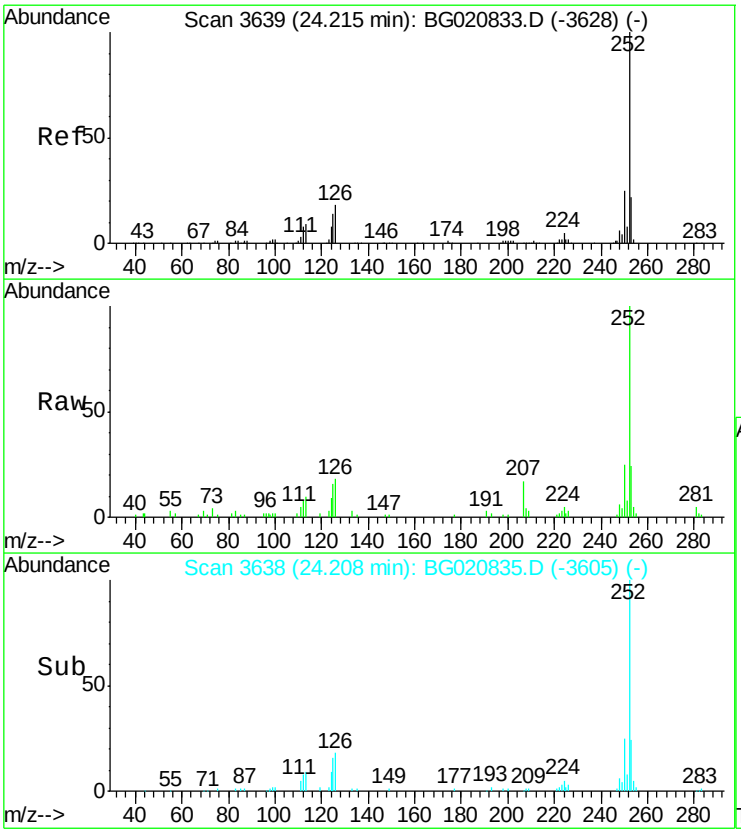
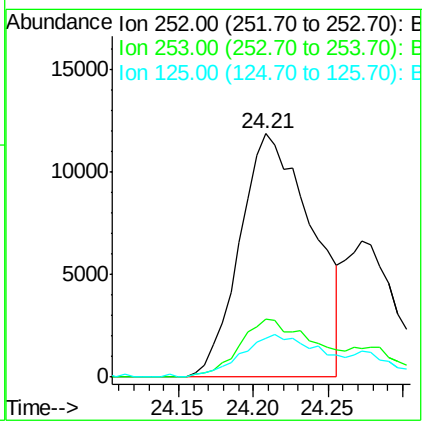
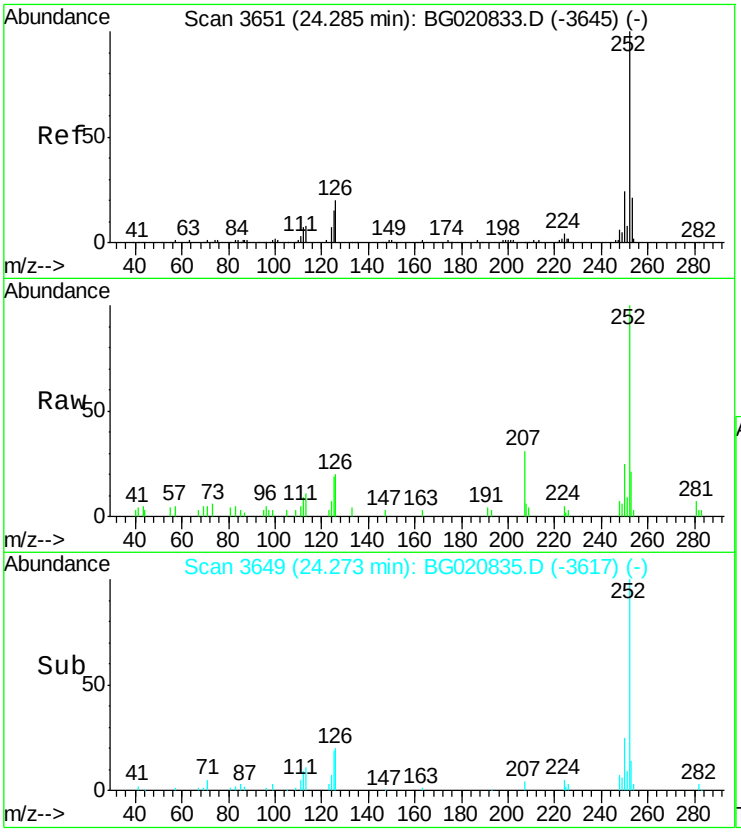


#88
Benzo(b)fluoranthene
Concen: 5.63 ng/ul
RT: 24.21 min Scan# 3638
Delta R.T. -0.01 min
Lab File: BG020835.D
Acq: 10 Feb 2016 11:29

Tgt Ion:252 Resp: 40004

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.1	25.7
125	16.2	12.5	18.7

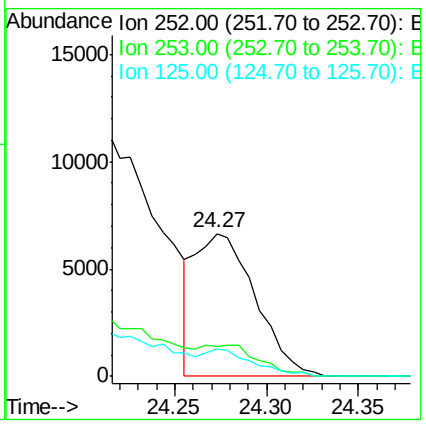




#89
Benzo(k)fluoranthene
Concen: 2.21 ng/ul m
RT: 24.27 min Scan# 3649
Delta R.T. -0.01 min
Lab File: BG020835.D
Acq: 10 Feb 2016 11:29

Tgt Ion:252 Resp: 15012

Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.1	25.7
125	18.8	12.1	18.1#



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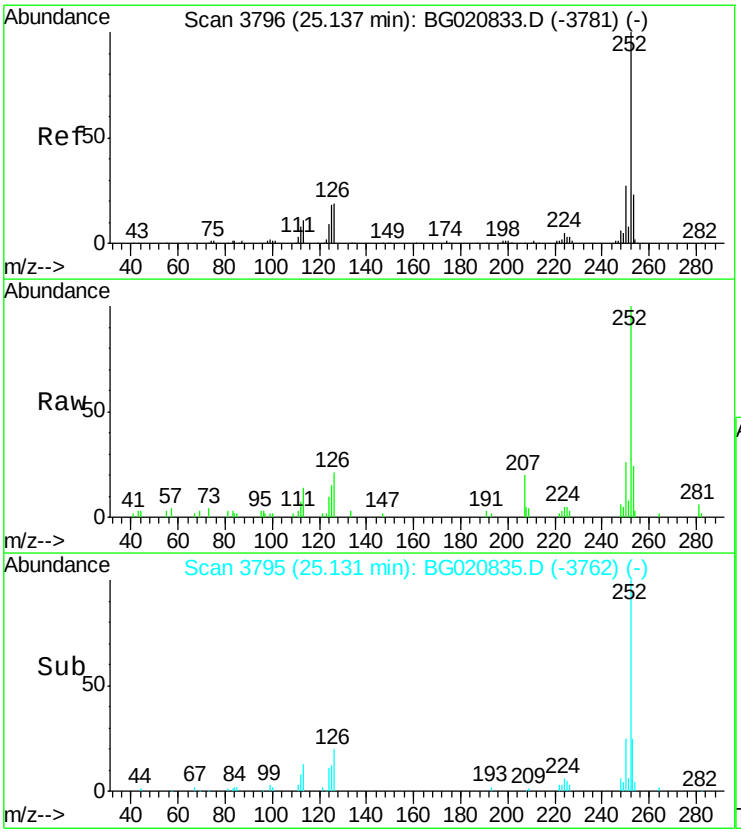
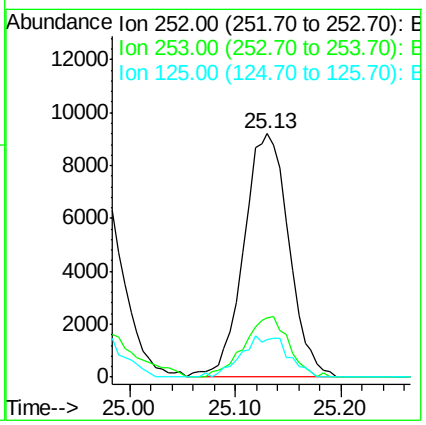
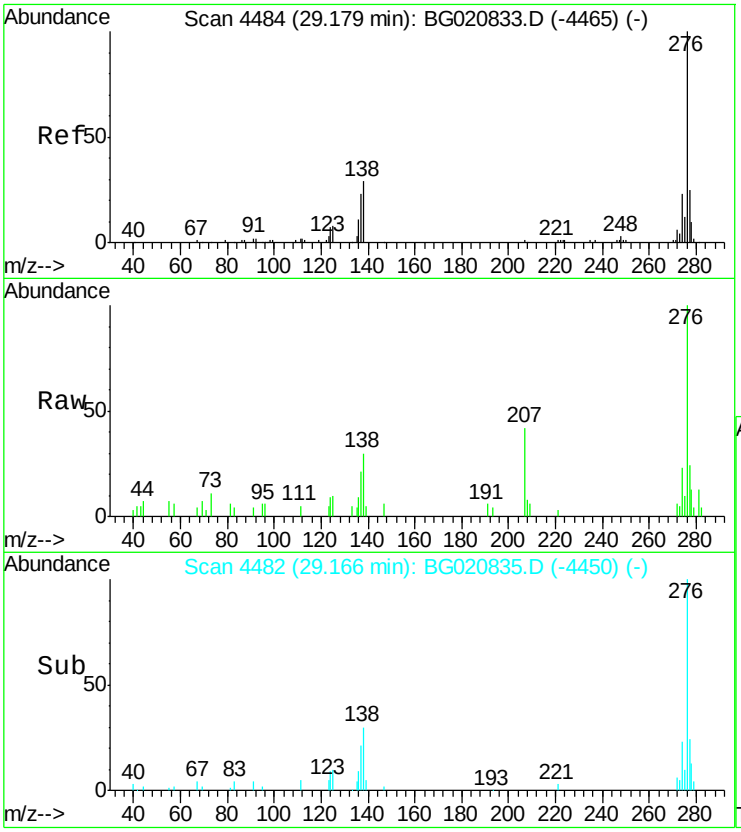


#91
Benzo(a)pyrene
Concen: 4.04 ng/ul
RT: 25.13 min Scan# 3795
Delta R.T. -0.01 min
Lab File: BG020835.D
Acq: 10 Feb 2016 11:29

Tgt Ion:252 Resp: 27196

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.3	25.9
125	15.2	14.2	21.2

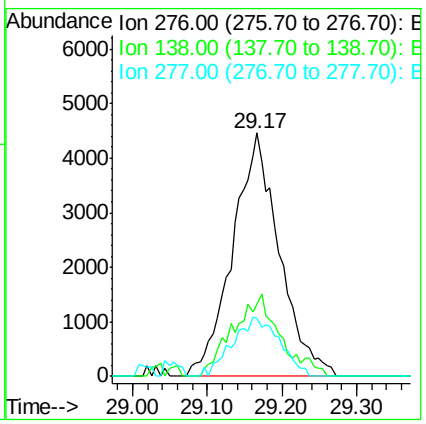




#92
Indeno(1,2,3-cd)pyrene
Concen: 2.50 ng/ul
RT: 29.17 min Scan# 4482
Delta R.T. -0.01 min
Lab File: BG020835.D
Acq: 10 Feb 2016 11:29

Tgt Ion:276 Resp: 19404

Ion	Ratio	Lower	Upper
276	100		
138	29.7	22.4	33.6
277	23.9	18.5	27.7



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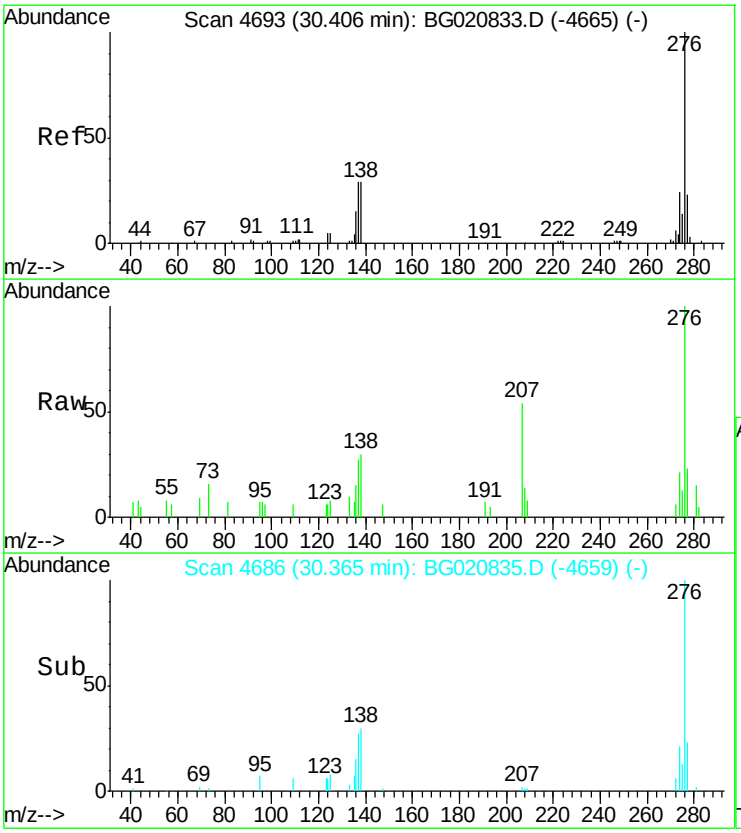

#94
Benzo(g,h,i)perylene
Concen: 2.68 ng/ul
RT: 30.36 min Scan# 4686
Delta R.T. -0.04 min
Lab File: BG020835.D
Acq: 10 Feb 2016 11:29

Tgt Ion:276 Resp: 17030

Ion	Ratio	Lower	Upper
276	100		
138	29.9	24.4	36.6
277	22.8	18.7	28.1