Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020416\
Data File : BG020786.D
Acq On : 4 Feb 2016 14:32
Operator : SJ/IZ
Sample : H1334-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BBG01

Manual Integrations APPROVED
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2/5/2016 3:38:54 PM

Quant Time: Feb 05 04:43:25 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG012716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 05 04:10:17 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	19327	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	96782	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	56750	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	114617	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	101051	20.00	ng/ul	0.00
86) Perylene-d12	25.28	264	93472	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	1041	2.58	ng/uL	0.00
5) Phenol-d5	7.41	99	24990	12.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.59	67	14615	14.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	20653	13.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	21720	12.73	ng/ul	0.00
19) Nitrobenzene-d5	9.45	128	9736	16.49	ng/ul	0.00
22) 2-Nitrophenol-d4	10.18	143	7446	14.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	19076	13.50	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	30534	15.36	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	66766	13.77	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	88452	14.97	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	8787	10.25	ng/ul	0.00
58) Fluorene-d10	15.87	176	61163	14.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	3834	10.13	ng/ul	0.00
71) Anthracene-d10	17.72	188	89056	15.80	ng/ul	0.00
79) Pyrene-d10	19.98	212	86750	15.82	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.04	264	83712	16.71	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	14.33	163	22040	4.36	ng/ul#	96
70) Phenanthrene	17.66	178	33506	4.66	ng/ul	98
72) Anthracene	17.75	178	8369	1.16	ng/ul	97
77) Fluoranthene	19.65	202	73248	9.91	ng/ul#	79
80) Pyrene	20.01	202	60625	7.94	ng/ul#	76
83) Benzo(a)anthracene	21.88	228	31185	4.79	ng/ul	99
85) Chrysene	21.95	228	31272	5.17	ng/ul	97
88) Benzo(b)fluoranthene	24.20	252	36501	5.96	ng/ul#	91
89) Benzo(k)fluoranthene	24.26	252	11165m	1.86	ng/ul	
91) Benzo(a)pyrene	25.11	252	25151	4.29	ng/ul#	92
92) Indeno(1,2,3-cd)pyrene	29.13	276	16574	2.42	ng/ul#	82
94) Benzo(g,h,i)perylene	30.35	276	14722	2.62	ng/ul#	85

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

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Instrument :
BNA_G
ClientSampleId :
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Manual Integrations APPROVED
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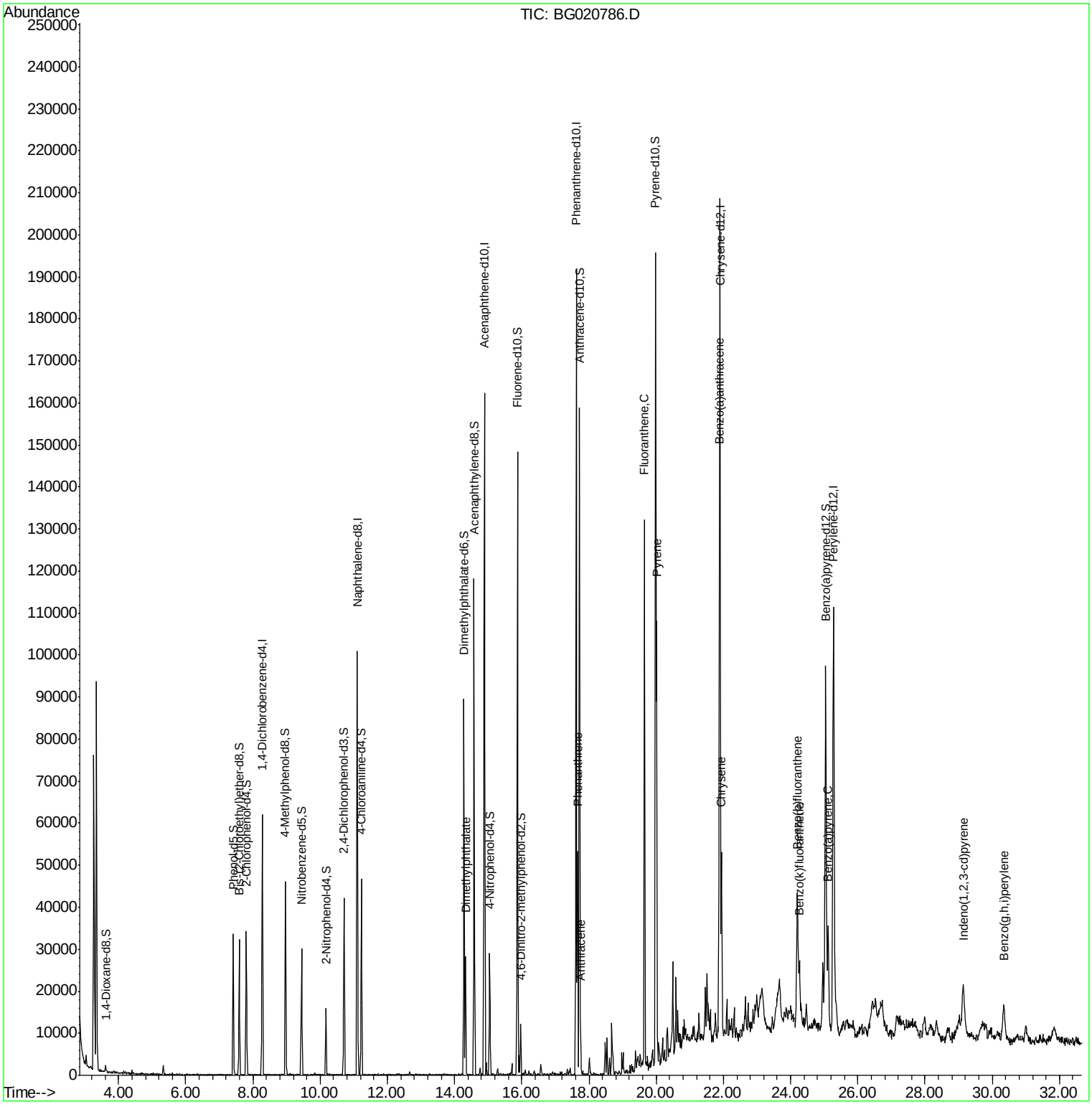
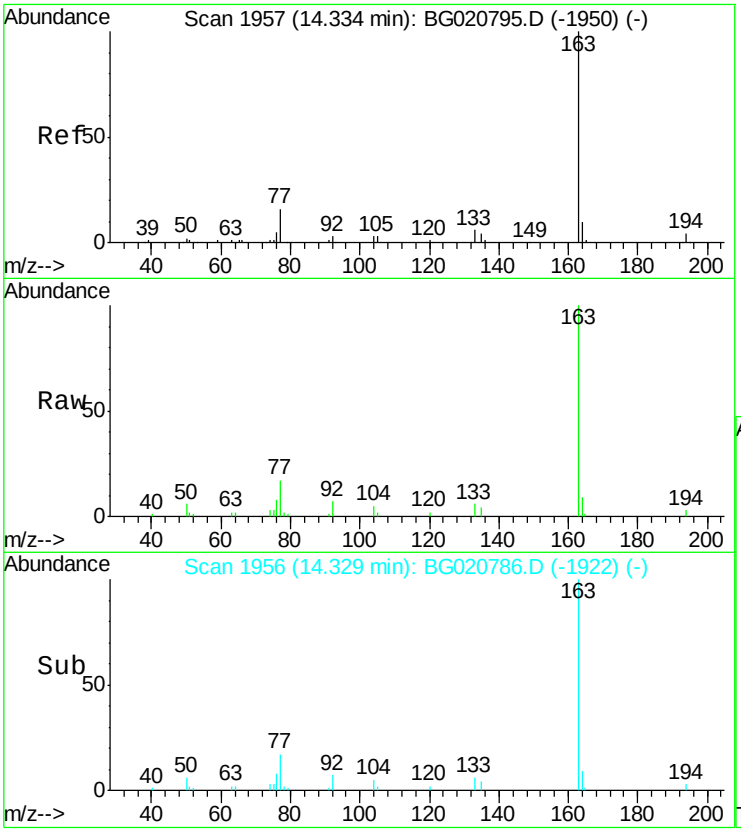
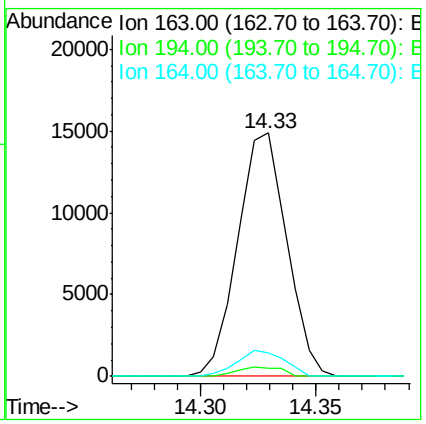




#45
Dimethylphthalate
Concen: 4.36 ng/ul
RT: 14.33 min Scan# 1956
Delta R.T. 0.00 min
Lab File: BG020786.D
Acq: 4 Feb 2016 14:32

Tgt Ion:163 Resp: 22040

Ion	Ratio	Lower	Upper
163	100		
194	3.1	4.0	6.0#
164	9.4	8.4	12.6



Instrument :
BNA_G
ClientSampleId :
BBG01

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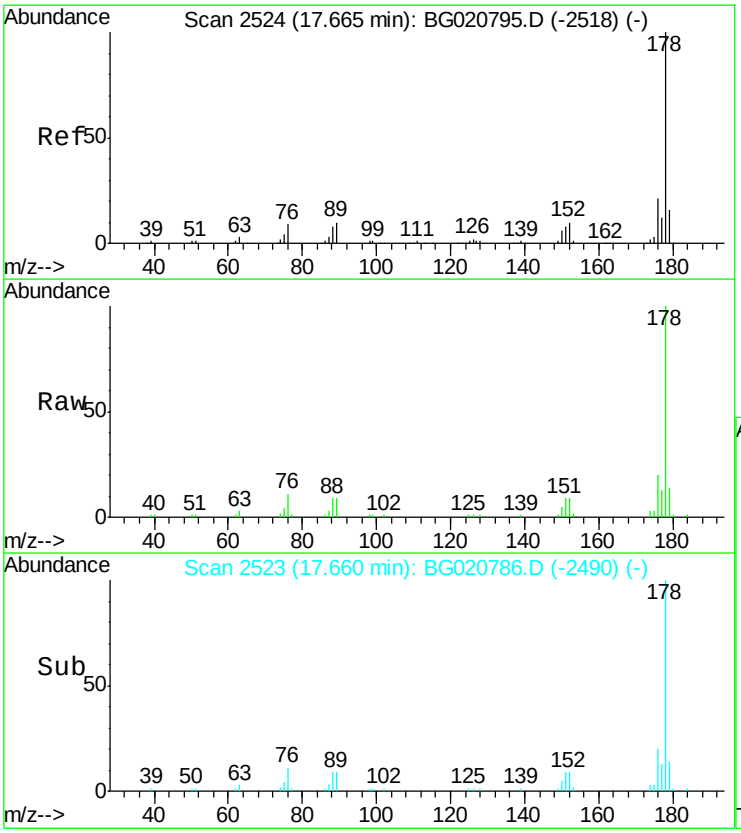
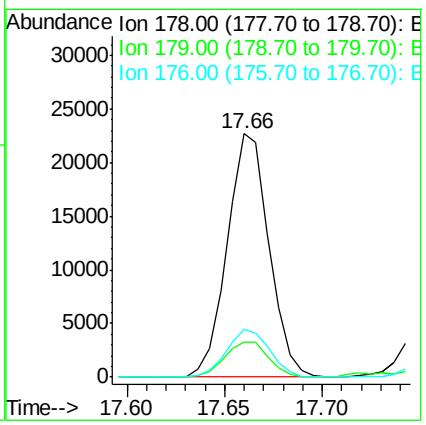
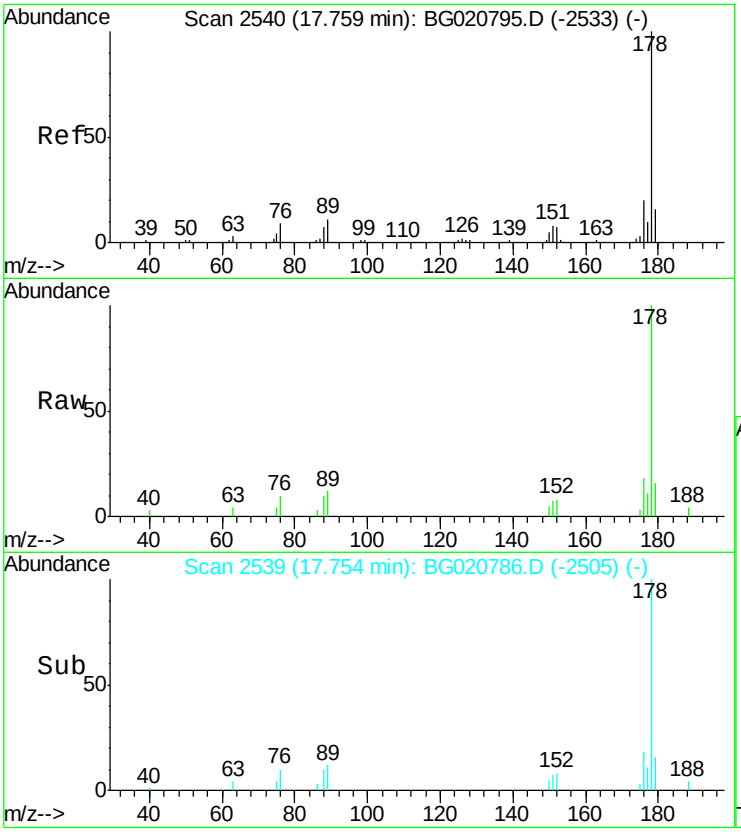


#70
Phenanthrene
Concen: 4.66 ng/ul
RT: 17.66 min Scan# 2523
Delta R.T. -0.00 min
Lab File: BG020786.D
Acq: 4 Feb 2016 14:32

Tgt Ion:178 Resp: 33506

Ion	Ratio	Lower	Upper
178	100		
179	14.4	12.3	18.5
176	19.6	15.4	23.0

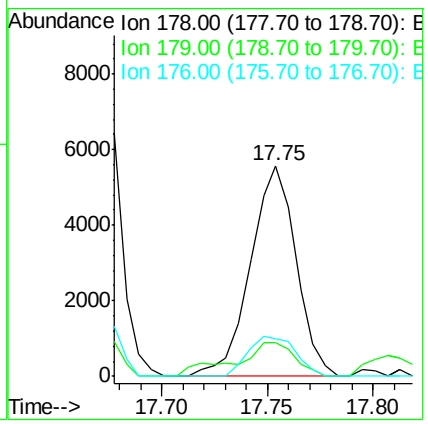




#72
Anthracene
Concen: 1.16 ng/ul
RT: 17.75 min Scan# 2539
Delta R.T. 0.00 min
Lab File: BG020786.D
Acq: 4 Feb 2016 14:32

Tgt Ion:178 Resp: 8369

Ion	Ratio	Lower	Upper
178	100		
179	15.9	13.4	20.2
176	17.7	15.4	23.0



Instrument :
BNA_G
ClientSampleId :
BBG01

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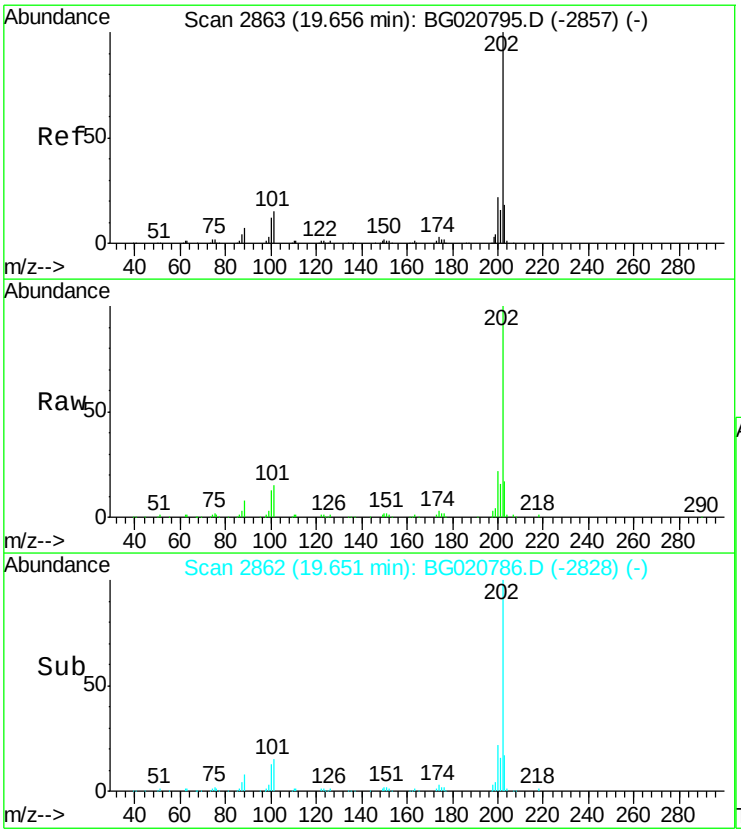
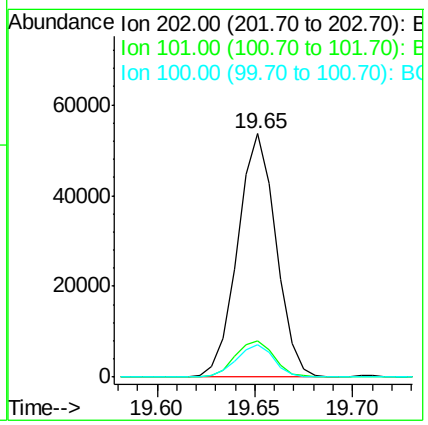
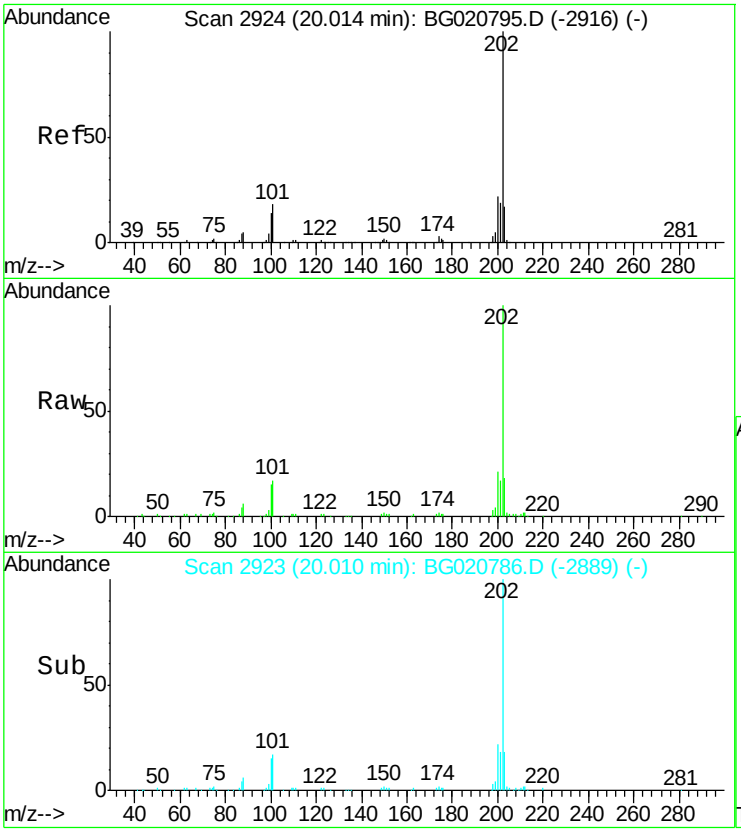


#77
Fluoranthene
Concen: 9.91 ng/ul
RT: 19.65 min Scan# 2862
Delta R.T. 0.00 min
Lab File: BG020786.D
Acq: 4 Feb 2016 14:32

Tgt Ion:202 Resp: 73248

Ion	Ratio	Lower	Upper
202	100		
101	15.0	6.1	9.1#
100	13.1	4.6	7.0#

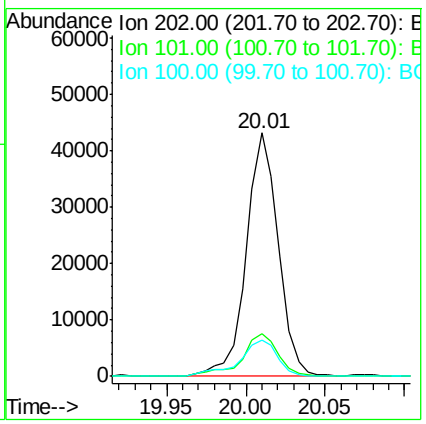




#80
Pyrene
Concen: 7.94 ng/ul
RT: 20.01 min Scan# 2923
Delta R.T. 0.00 min
Lab File: BG020786.D
Acq: 4 Feb 2016 14:32

Tgt Ion:202 Resp: 60625

Ion	Ratio	Lower	Upper
202	100		
101	17.3	6.9	10.3#
100	15.0	5.6	8.4#



Instrument :
BNA_G
ClientSampleId :
BBG01

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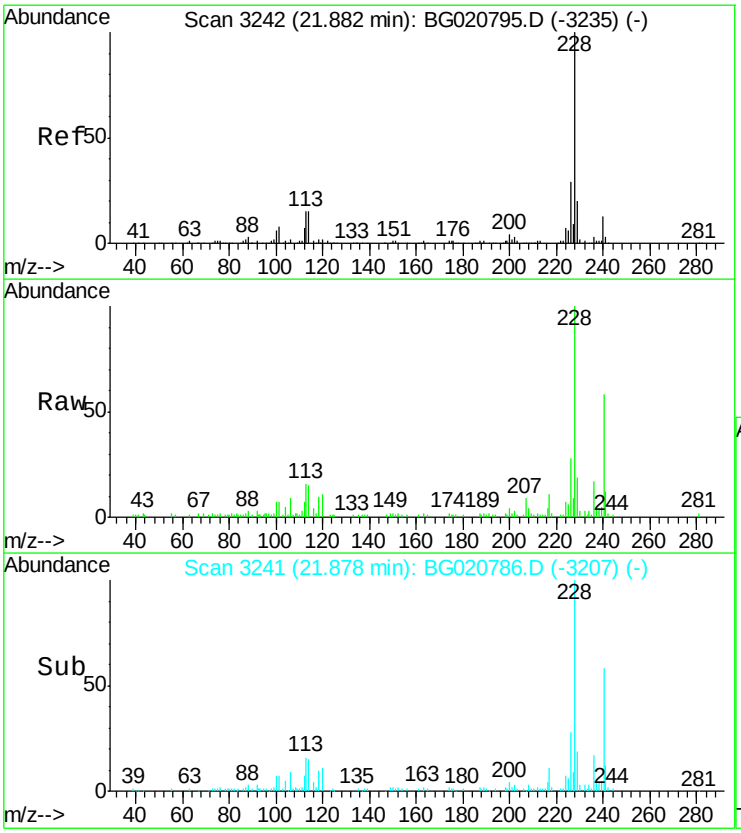
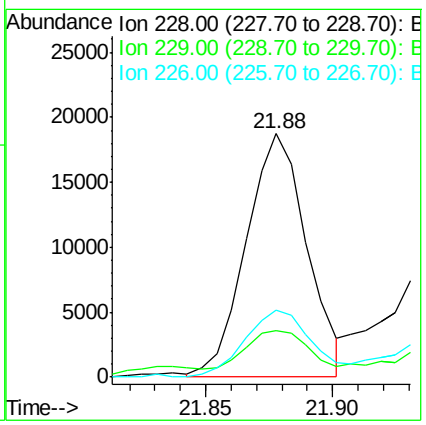
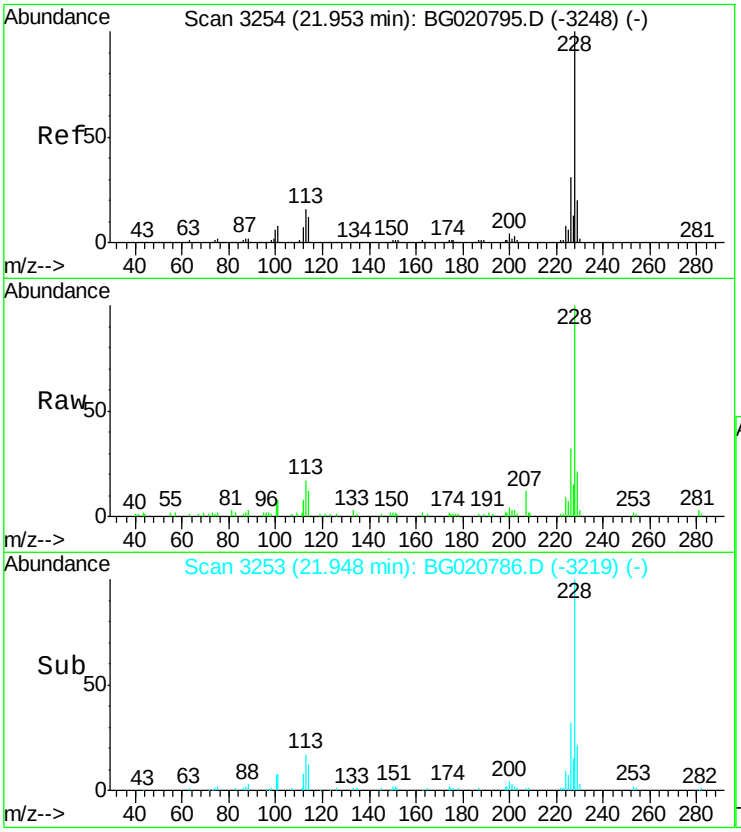


#83
Benzo(a)anthracene
Concen: 4.79 ng/ul
RT: 21.88 min Scan# 3241
Delta R.T. 0.00 min
Lab File: BG020786.D
Acq: 4 Feb 2016 14:32

Tgt Ion:228 Resp: 31185

Ion	Ratio	Lower	Upper
228	100		
229	19.2	16.0	24.0
226	27.6	21.8	32.8

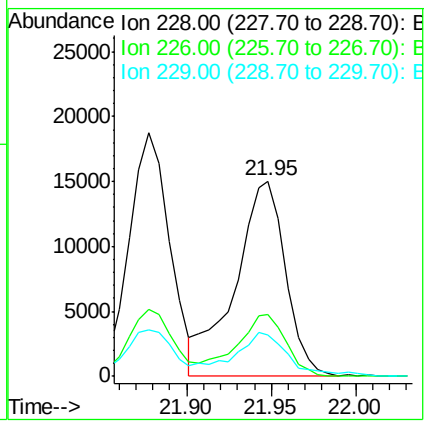




#85
Chrysene
Concen: 5.17 ng/ul
RT: 21.95 min Scan# 3253
Delta R.T. 0.00 min
Lab File: BG020786.D
Acq: 4 Feb 2016 14:32

Tgt Ion:228 Resp: 31272

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.1	36.1
229	21.4	16.0	24.0



Instrument :
BNA_G
ClientSampleId :
BBG01

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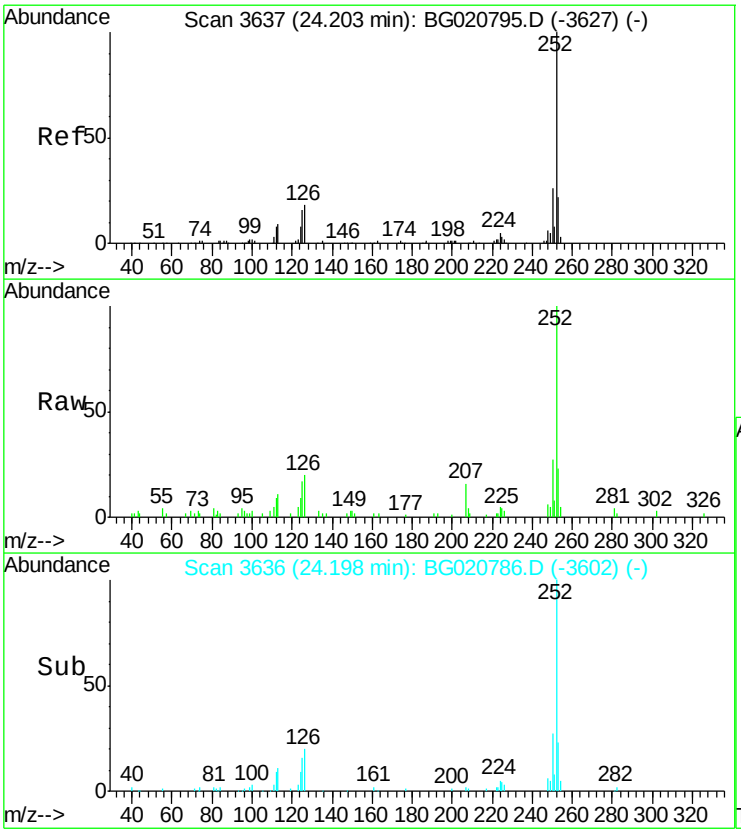
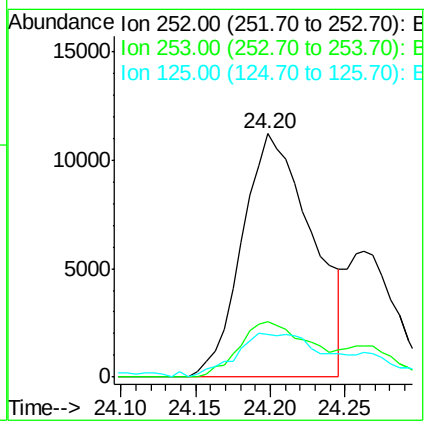
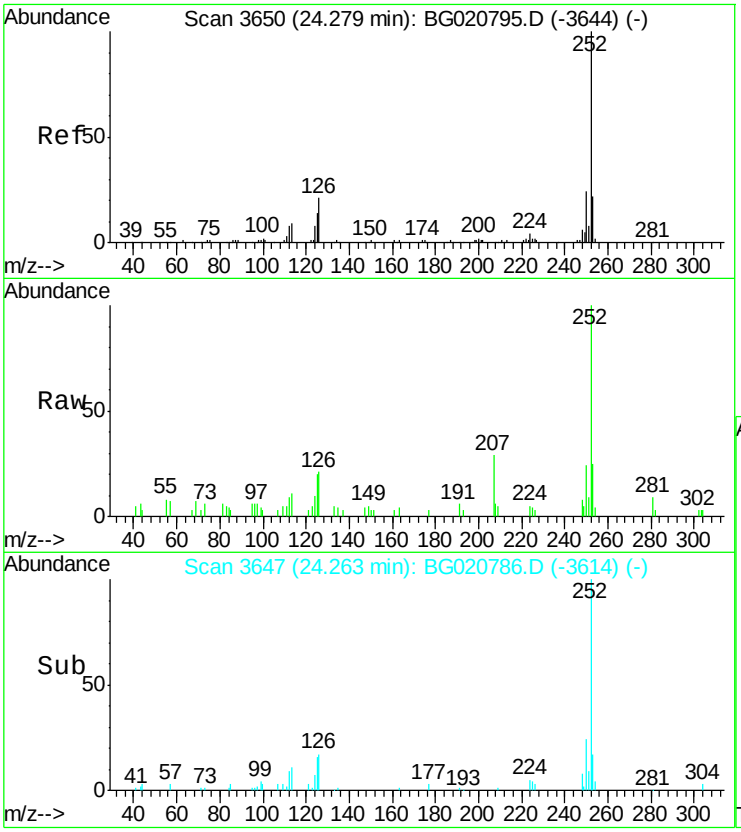


#88
Benzo(b)fluoranthene
Concen: 5.96 ng/ul
RT: 24.20 min Scan# 3636
Delta R.T. 0.00 min
Lab File: BG020786.D
Acq: 4 Feb 2016 14:32

Tgt Ion:252 Resp: 36501

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.0
125	17.4	4.9	7.3#





#89
Benzo(k)fluoranthene
Concen: 1.86 ng/ul m
RT: 24.26 min Scan# 3647
Delta R.T. -0.00 min
Lab File: BG020786.D
Acq: 4 Feb 2016 14:32

Tgt Ion:252 Resp: 11165

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.1	25.7
125	19.9	5.4	8.0#

Instrument :
BNA_G
ClientSampleId :
BBG01

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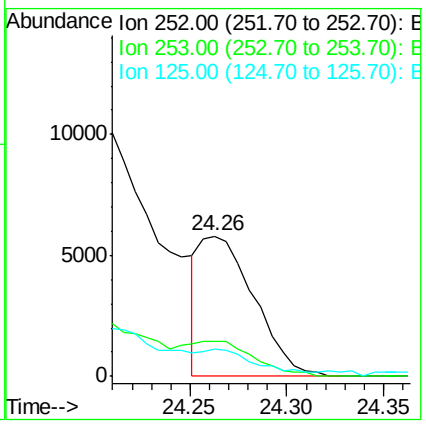
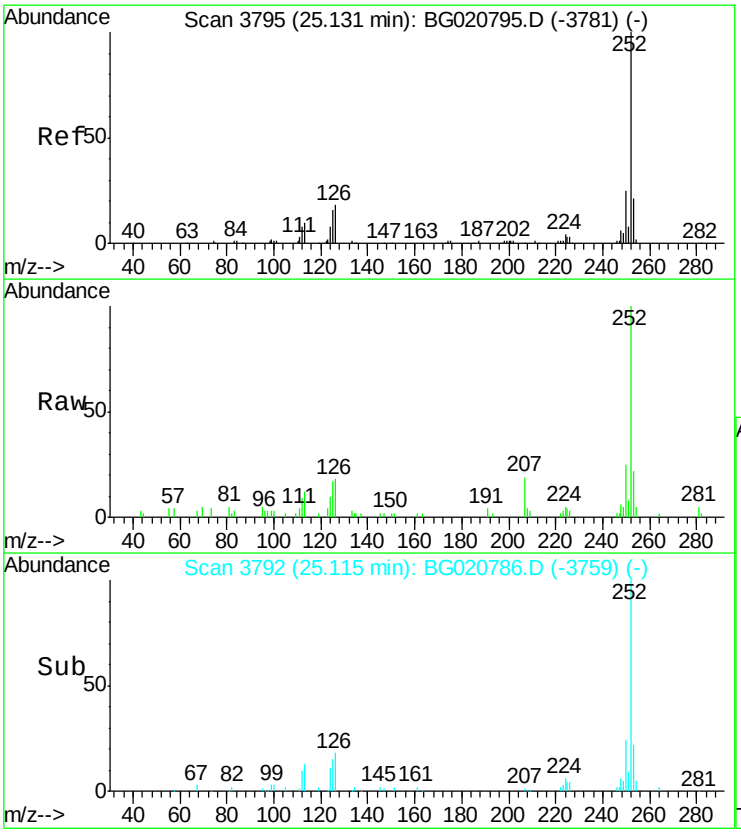
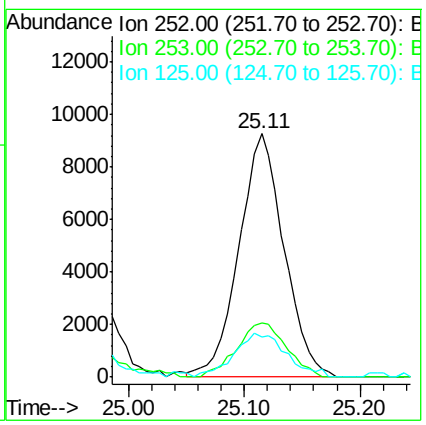


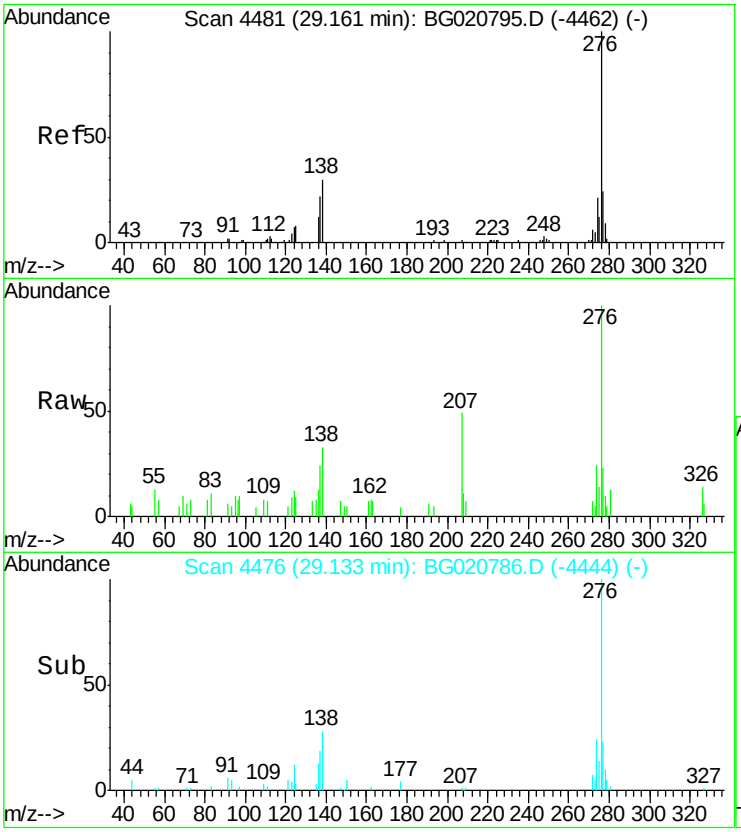


#91
Benzo(a)pyrene
Concen: 4.29 ng/ul
RT: 25.11 min Scan# 3792
Delta R.T. -0.00 min
Lab File: BG020786.D
Acq: 4 Feb 2016 14:32

Tgt Ion:252 Resp: 25151

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	16.7	5.8	8.6#

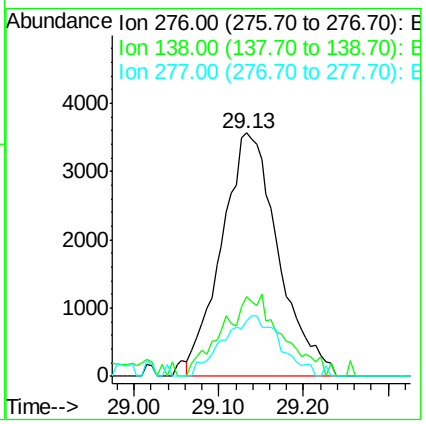




#92
Indeno(1,2,3-cd)pyrene
Concen: 2.42 ng/ul
RT: 29.13 min Scan# 4476
Delta R.T. -0.01 min
Lab File: BG020786.D
Acq: 4 Feb 2016 14:32

Tgt Ion:276 Resp: 16574

Ion	Ratio	Lower	Upper
276	100		
138	32.7	10.9	16.3#
277	22.7	18.9	28.3



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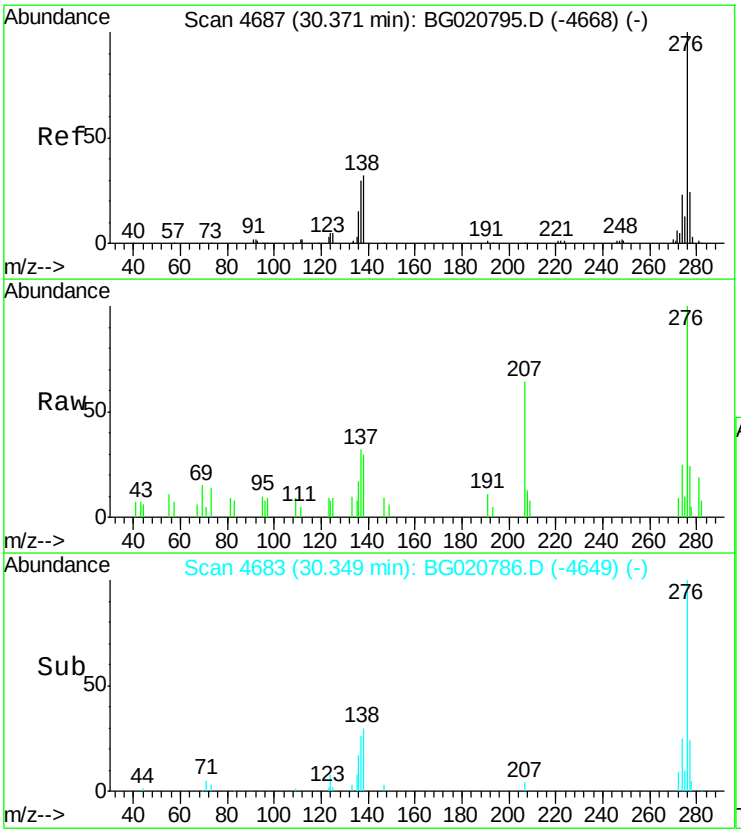

#94
Benzo(g,h,i)perylene
Concen: 2.62 ng/ul
RT: 30.35 min Scan# 4683
Delta R.T. 0.00 min
Lab File: BG020786.D
Acq: 4 Feb 2016 14:32

Tgt Ion:276 Resp: 14722

Ion	Ratio	Lower	Upper
276	100		
138	30.1	11.2	16.8#
277	24.2	19.0	28.6