Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019676.D
Acq On : 18 Nov 2015 1:29
Operator : UM/NP
Sample : G4427-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC795

Manual Integrations APPROVED
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Quant Time: Nov 18 03:41:31 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 18 03:01:13 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	18644	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	87644	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.79	164	93288	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.52	188	274334	20.00	ng/ul	0.00
78) Chrysene-d12	21.79	240	339274	20.00	ng/ul	0.00
86) Perylene-d12	25.11	264	329646	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	3248	7.44	ng/uL	0.00
5) Phenol-d5	7.29	99	70073	36.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	48362	38.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.67	132	44516	36.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	59868	37.86	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	24552	34.12	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	28543	35.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	61251	34.98	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	67394	40.54	ng/ul	0.00
44) Dimethylphthalate-d6	14.18	166	241950	28.68	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	232641	25.44	ng/ul	0.00
52) 4-Nitrophenol-d4	14.97	143	40672	30.60	ng/ul	0.00
58) Fluorene-d10	15.77	176	183626	24.32	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.88	200	40387	22.79	ng/ul	0.00
71) Anthracene-d10	17.62	188	325868	24.47	ng/ul	0.00
79) Pyrene-d10	19.89	212	347708	22.49	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.88	264	334570	19.44	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.32	94	4175	2.02	ng/ul#	92
45) Dimethylphthalate	14.22	163	219653	26.26	ng/ul	100
70) Phenanthrene	17.57	178	19117	1.30	ng/ul	98
77) Fluoranthene	19.56	202	113147	6.05	ng/ul	99
80) Pyrene	19.92	202	98129	4.95	ng/ul	98
83) Benzo(a)anthracene	21.77	228	89071	4.33	ng/ul	94
85) Chrysene	21.84	228	66111	3.41	ng/ul	98
88) Benzo(b)fluoranthene	24.05	252	85236	4.20	ng/ul	98
89) Benzo(k)fluoranthene	24.11	252	30613m	1.56	ng/ul	
91) Benzo(a)pyrene	24.95	252	69068	3.53	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	28.89	276	38974m	1.78	ng/ul	
94) Benzo(g,h,i)perylene	30.09	276	31923m	1.76	ng/ul	

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

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Instrument :
BNA_G
ClientSampleId :
BC795

Manual Integrations APPROVED
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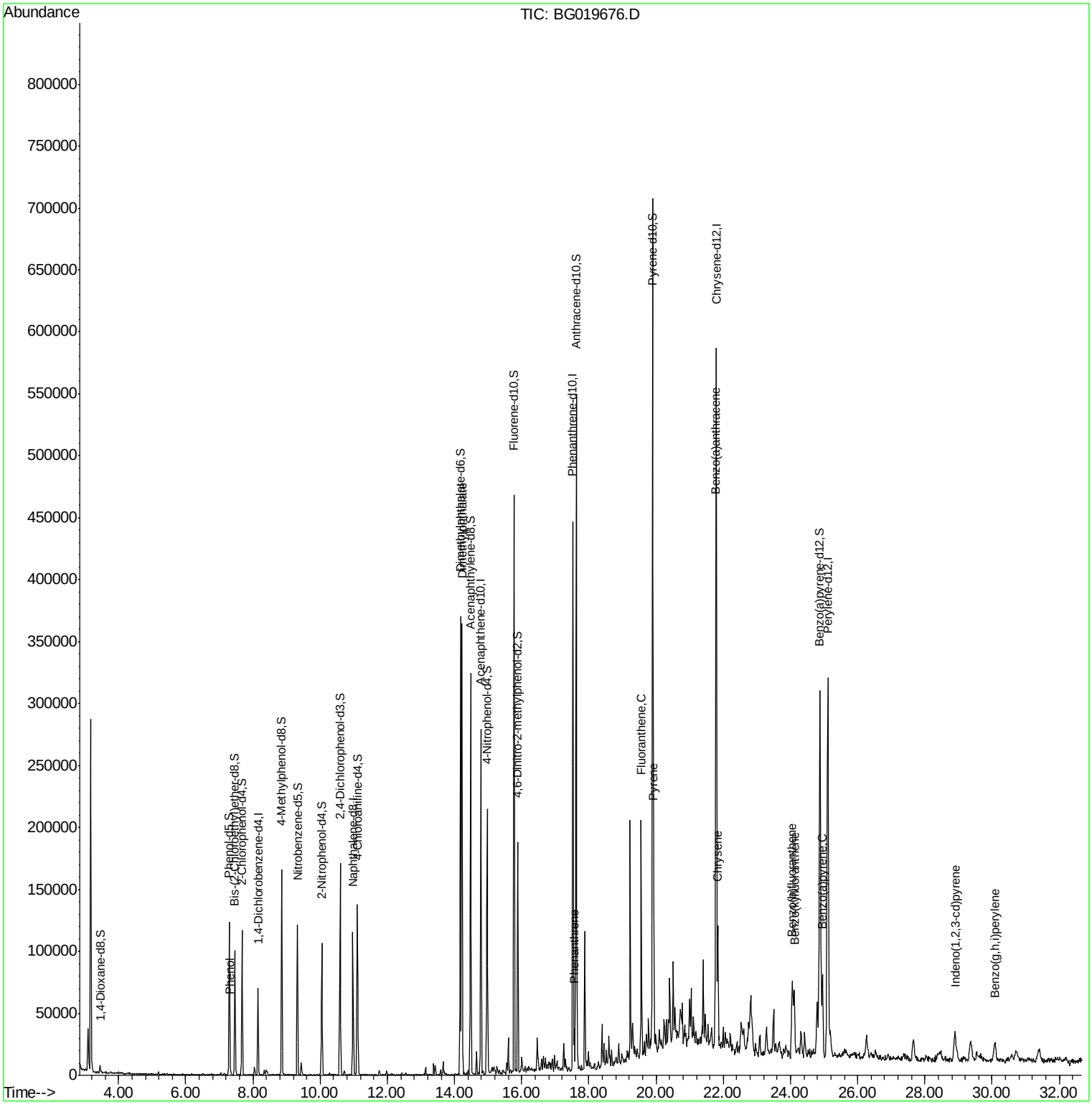

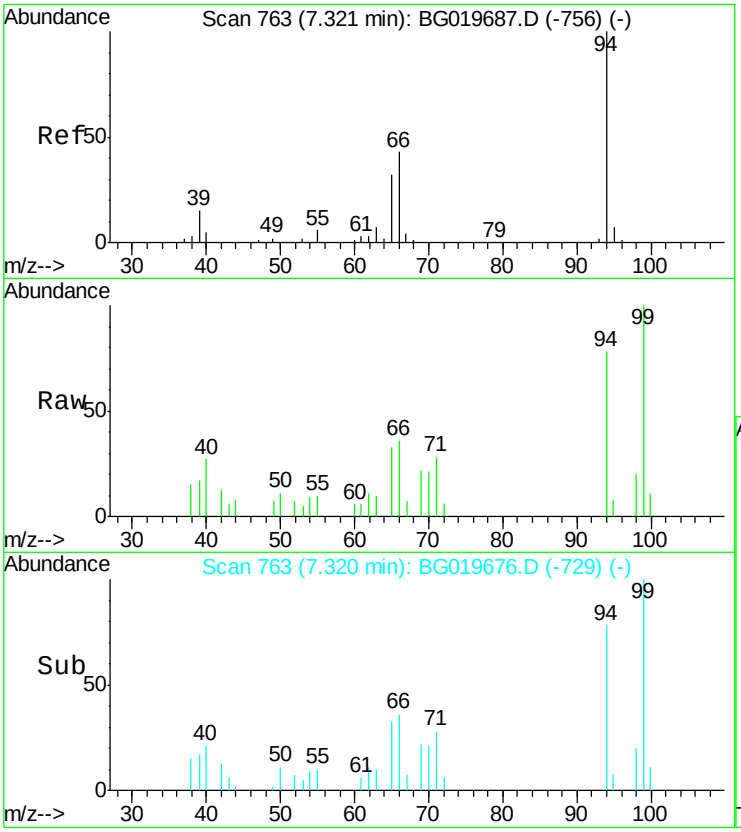

#6
Phenol
Concen: 2.02 ng/ul
RT: 7.32 min Scan# 763
Delta R.T. -0.00 min
Lab File: BG019676.D
Acq: 18 Nov 2015 1:29

Tgt Ion: 94 Resp: 4175

Ion	Ratio	Lower	Upper
94	100		
65	42.0	27.4	41.0#
66	46.5	39.0	58.6

Instrument :
BNA_G
ClientSampleId :
BC795

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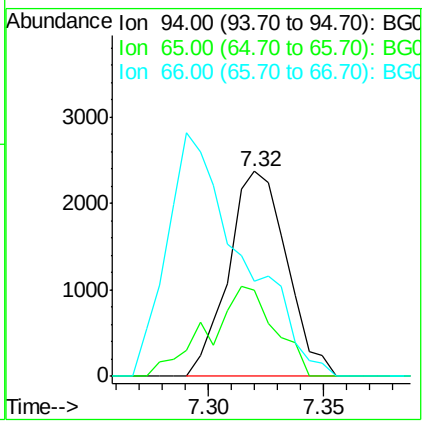
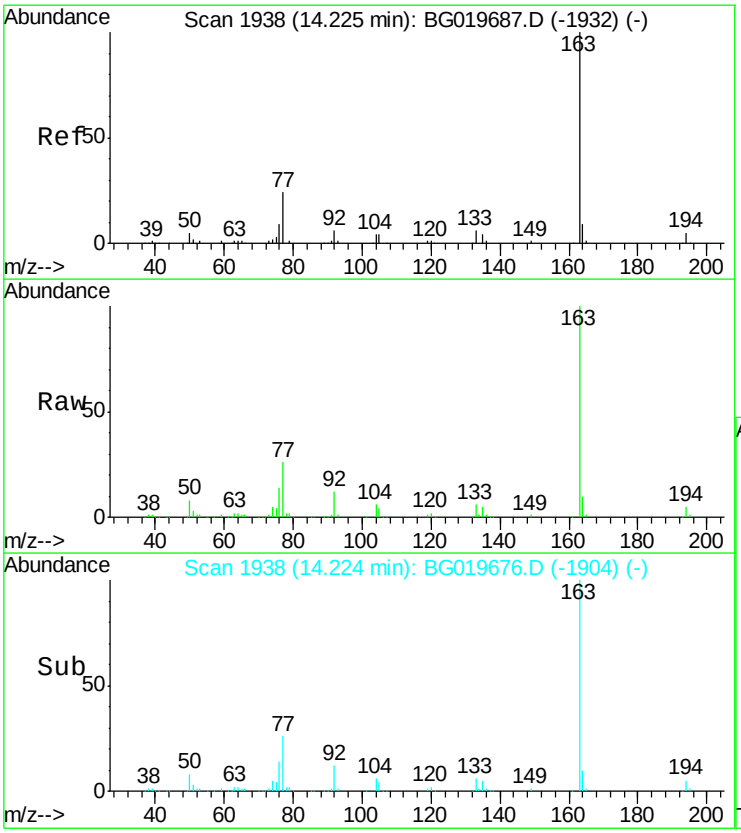
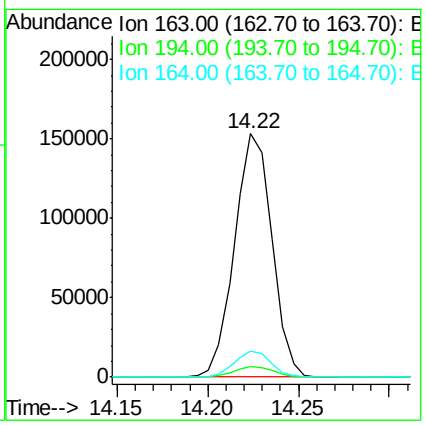


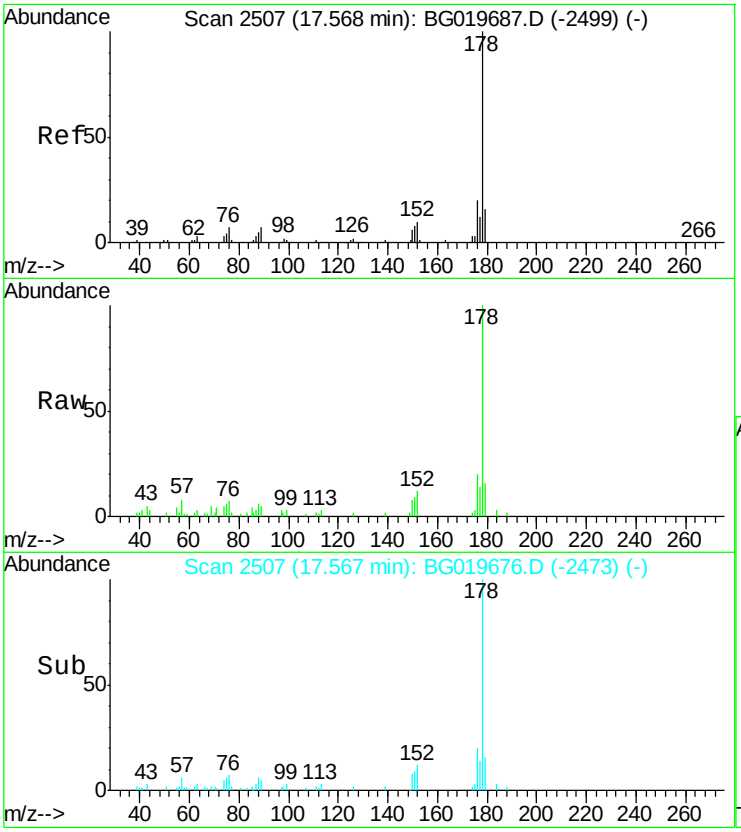


#45
Dimethylphthalate
Concen: 26.26 ng/ul
RT: 14.22 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BG019676.D
Acq: 18 Nov 2015 1:29

Tgt Ion:163 Resp: 219653

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	10.5	8.3	12.5

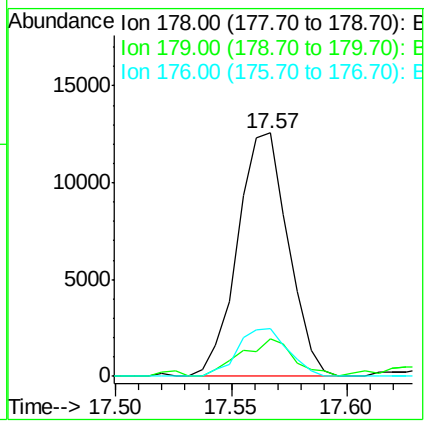




#70
Phenanthrene
Concen: 1.30 ng/ul
RT: 17.57 min Scan# 2507
Delta R.T. -0.00 min
Lab File: BG019676.D
Acq: 18 Nov 2015 1:29

Tgt Ion:178 Resp: 19117

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.2	18.2
176	19.7	16.6	24.8



Instrument :
BNA_G
ClientSampleId :
BC795

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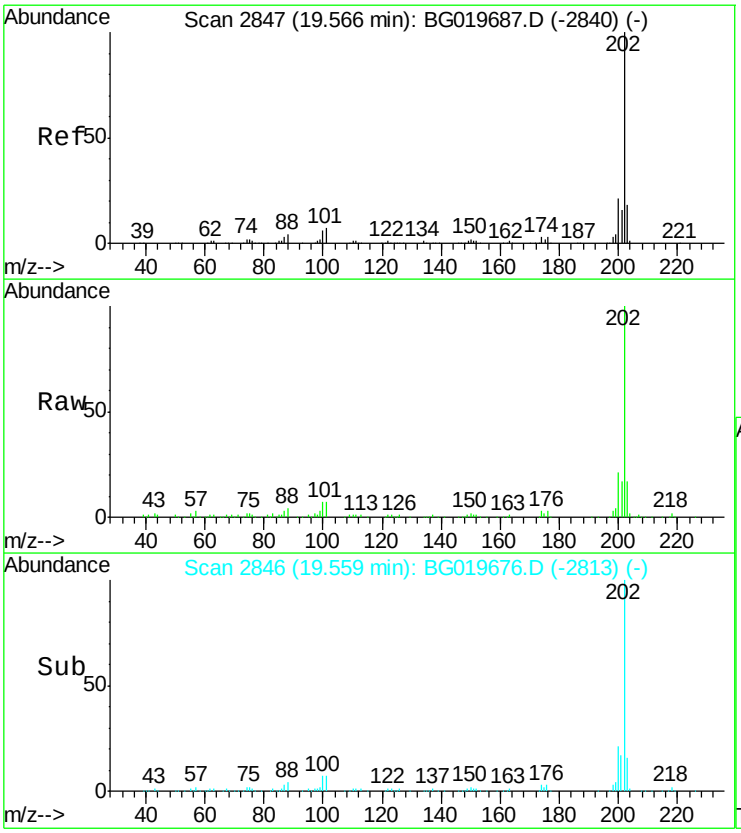
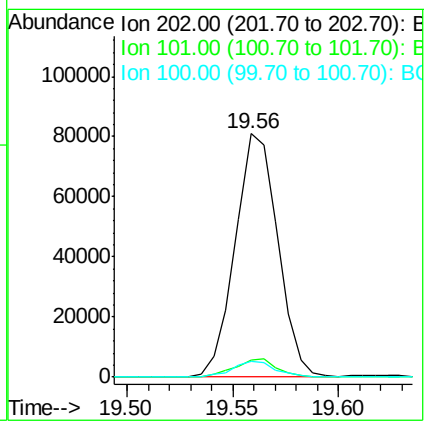
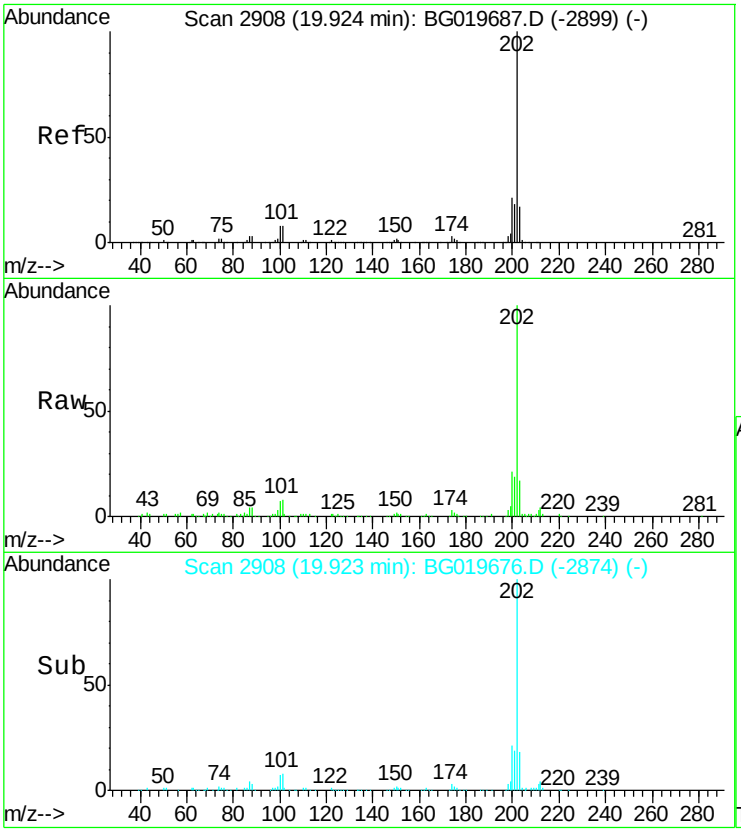


#77
Fluoranthene
Concen: 6.05 ng/ul
RT: 19.56 min Scan# 2846
Delta R.T. -0.01 min
Lab File: BG019676.D
Acq: 18 Nov 2015 1:29

Tgt Ion:202 Resp: 113147

Ion	Ratio	Lower	Upper
202	100		
101	6.8	5.2	7.8
100	6.7	5.0	7.4

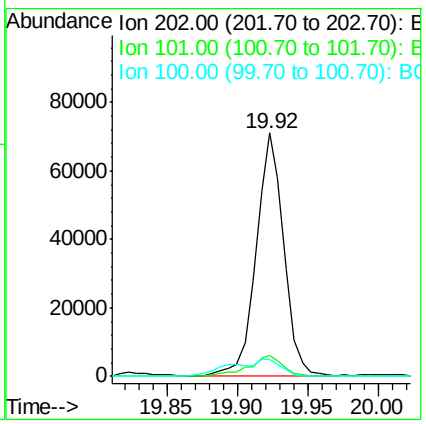




#80
Pyrene
Concen: 4.95 ng/ul
RT: 19.92 min Scan# 2908
Delta R.T. -0.00 min
Lab File: BG019676.D
Acq: 18 Nov 2015 1:29

Tgt Ion:202 Resp: 98129

Ion	Ratio	Lower	Upper
202	100		
101	8.4	7.0	10.6
100	7.3	6.6	10.0



Instrument :
BNA_G
ClientSampleId :
BC795

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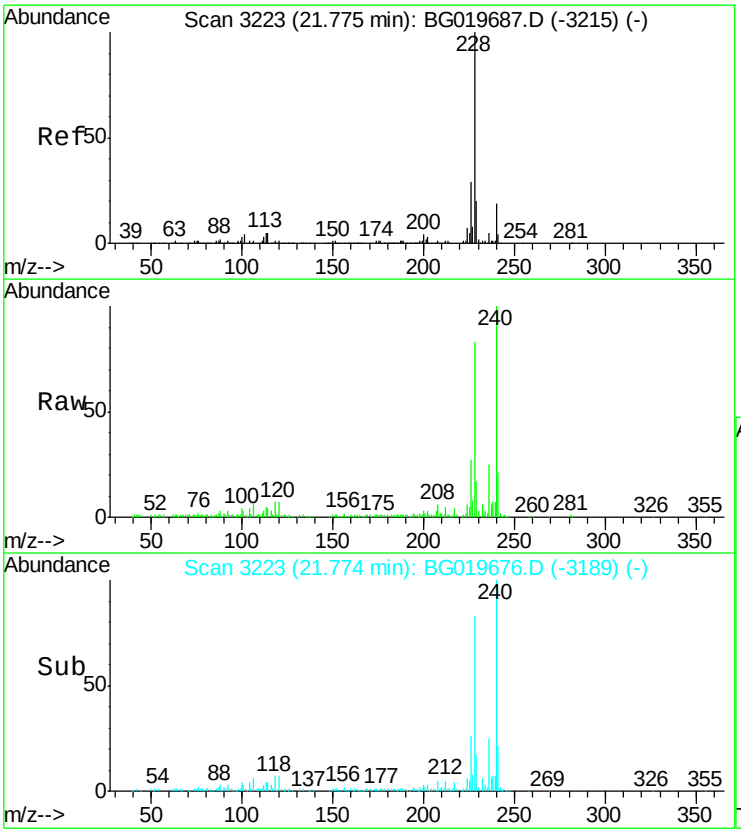
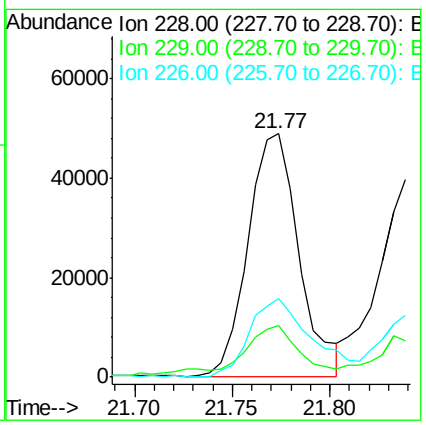
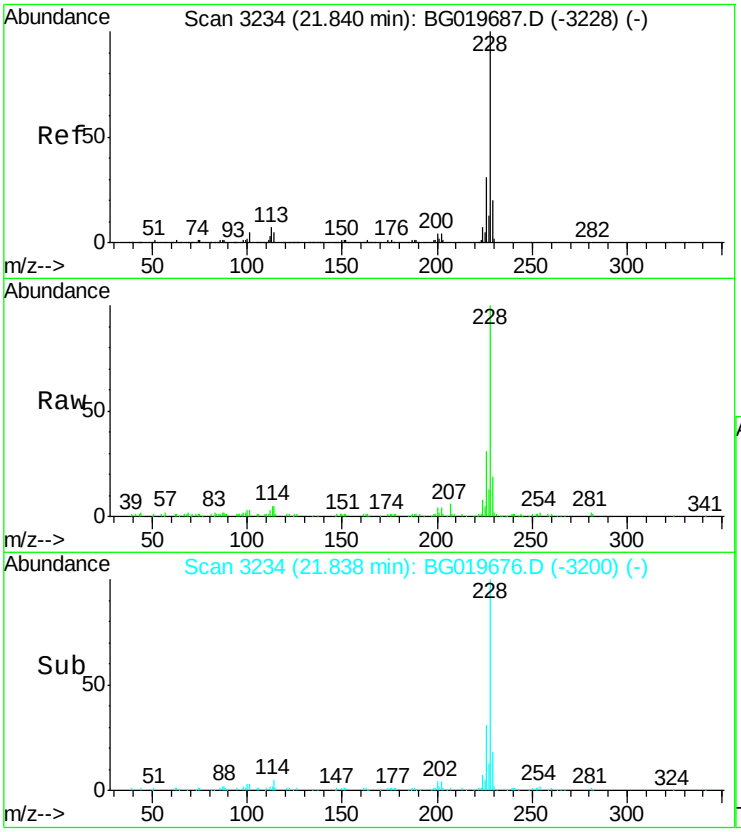


#83
Benzo(a)anthracene
Concen: 4.33 ng/ul
RT: 21.77 min Scan# 3223
Delta R.T. -0.00 min
Lab File: BG019676.D
Acq: 18 Nov 2015 1:29

Tgt Ion:228 Resp: 89071

Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.7	23.5
226	32.0	22.6	33.8

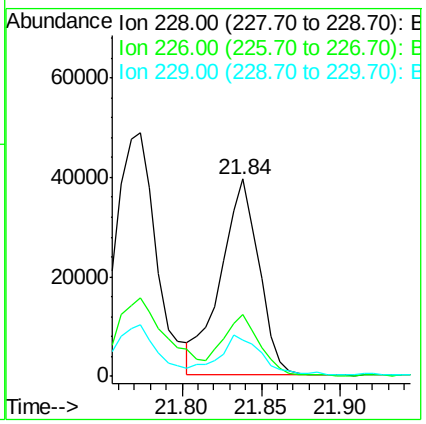




#85
Chrysene
Concen: 3.41 ng/ul
RT: 21.84 min Scan# 3234
Delta R.T. -0.00 min
Lab File: BG019676.D
Acq: 18 Nov 2015 1:29

Tgt Ion:228 Resp: 66111

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.9	37.3
229	18.7	17.0	25.6



Instrument :
BNA_G
ClientSampleId :
BC795

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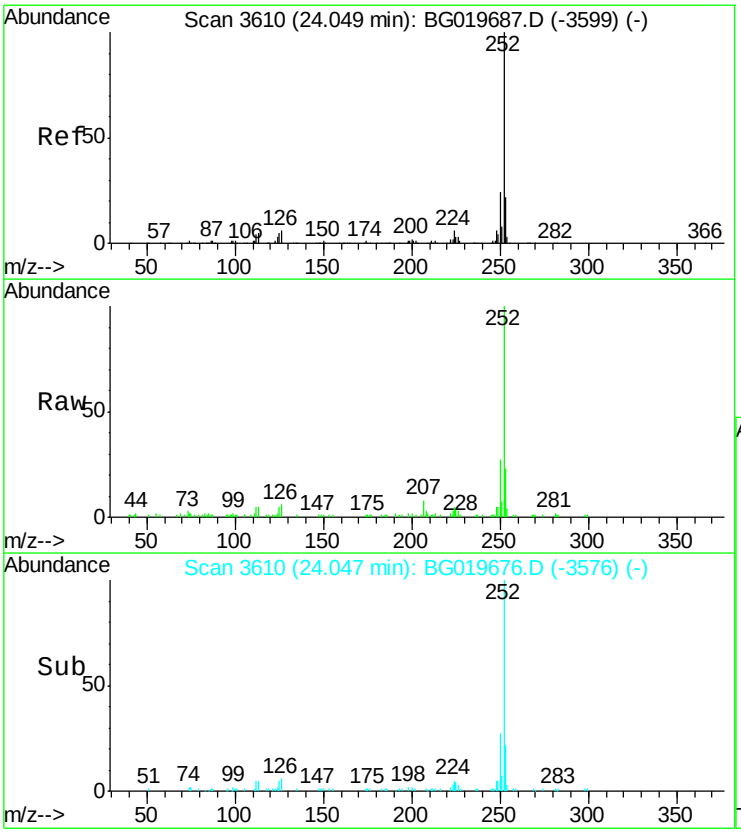
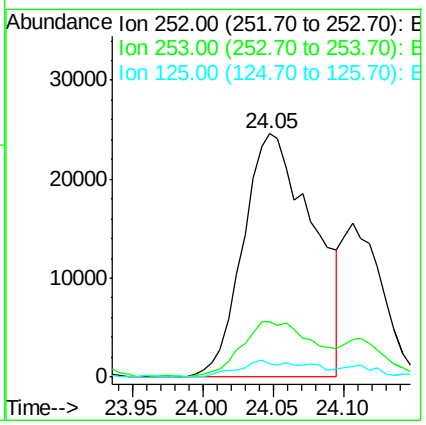
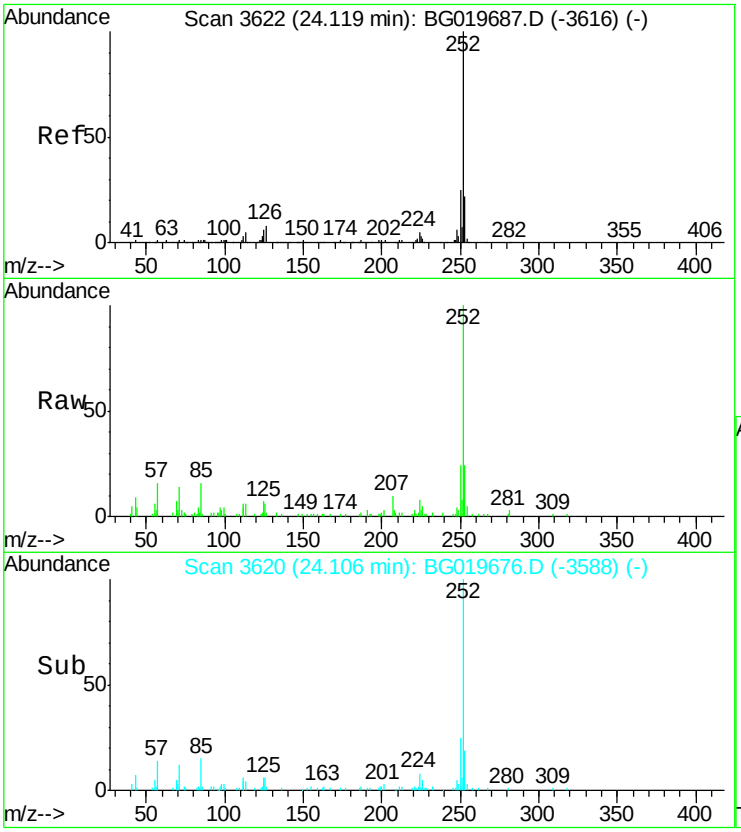


#88
Benzo(b)fluoranthene
Concen: 4.20 ng/ul
RT: 24.05 min Scan# 3610
Delta R.T. -0.00 min
Lab File: BG019676.D
Acq: 18 Nov 2015 1:29

Tgt Ion:252 Resp: 85236

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	5.3	4.2	6.4





#89
Benzo(k)fluoranthene
Concen: 1.56 ng/ul m
RT: 24.11 min Scan# 3620
Delta R.T. -0.01 min
Lab File: BG019676.D
Acq: 18 Nov 2015 1:29

Tgt Ion:252 Resp: 30613

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.1	25.7
125	6.9	4.4	6.6#

Instrument :
BNA_G
ClientSampleId :
BC795

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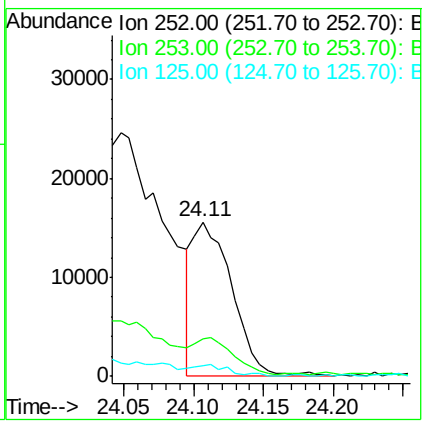
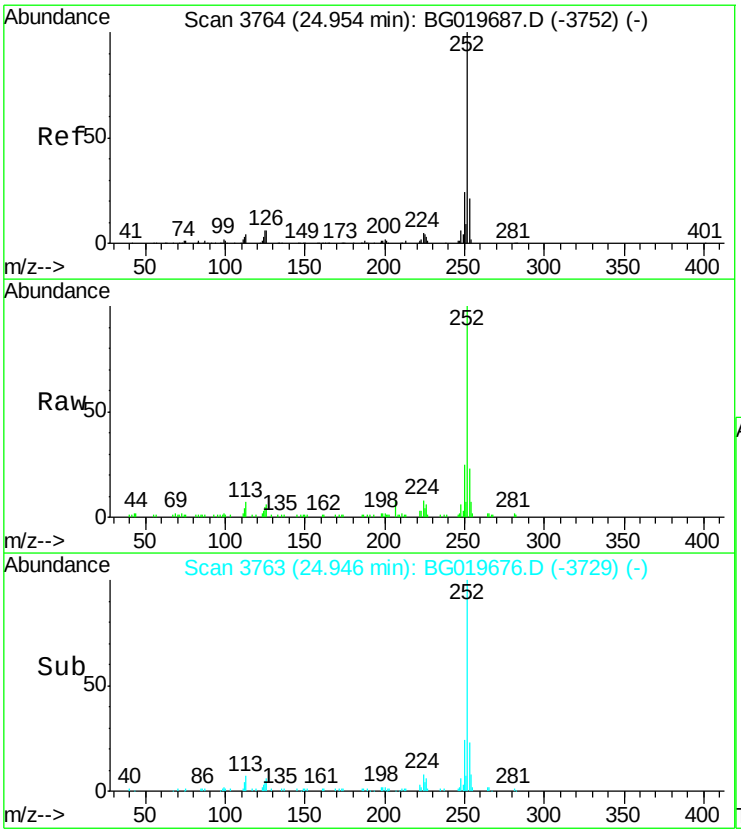
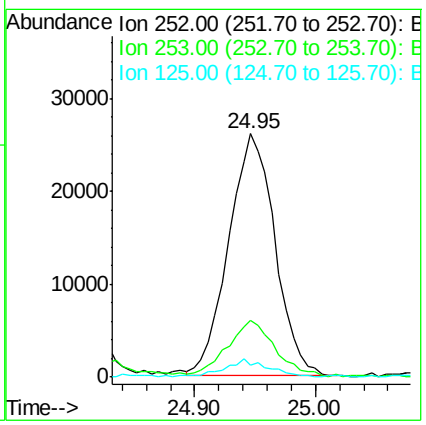


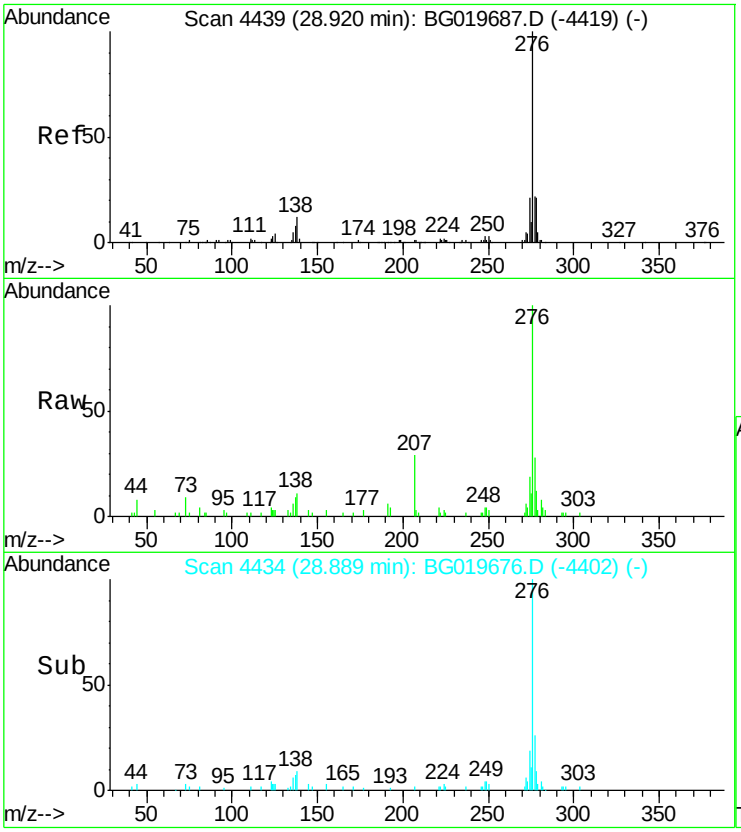


#91
Benzo(a)pyrene
Concen: 3.53 ng/ul
RT: 24.95 min Scan# 3763
Delta R.T. -0.00 min
Lab File: BG019676.D
Acq: 18 Nov 2015 1:29

Tgt Ion:252 Resp: 69068

Ion	Ratio	Lower	Upper
252	100		
253	23.2	16.9	25.3
125	5.0	5.4	8.0#

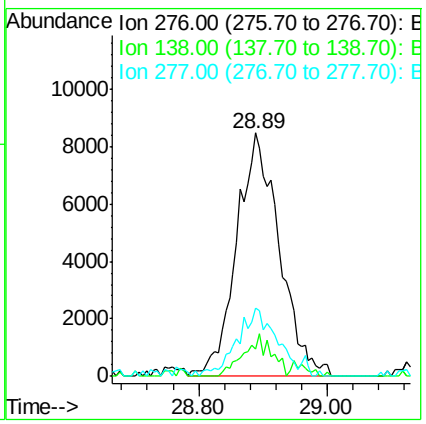




#92
Indeno(1,2,3-cd)pyrene
Concen: 1.78 ng/ul m
RT: 28.89 min Scan# 4434
Delta R.T. -0.01 min
Lab File: BG019676.D
Acq: 18 Nov 2015 1:29

Tgt Ion:276 Resp: 38974

Ion	Ratio	Lower	Upper
276	100		
138	11.3	9.9	14.9
277	28.3	21.3	31.9



Instrument :
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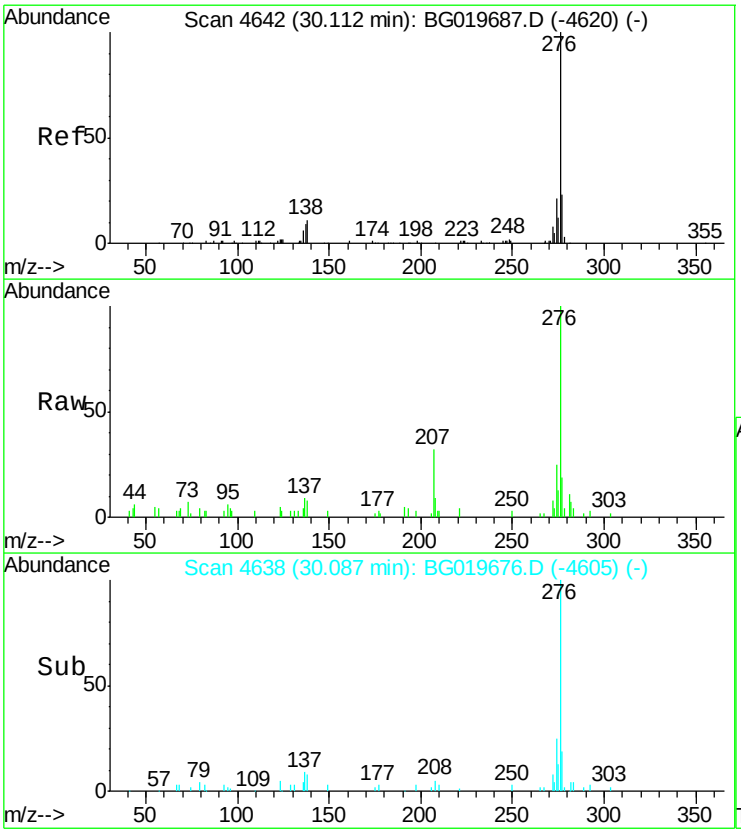

#94
Benzo(g,h,i)perylene
Concen: 1.76 ng/ul m
RT: 30.09 min Scan# 4638
Delta R.T. -0.01 min
Lab File: BG019676.D
Acq: 18 Nov 2015 1:29

Tgt Ion:276 Resp: 31923

Ion	Ratio	Lower	Upper
276	100		
138	7.7	9.2	13.8#
277	19.4	18.6	28.0