Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112215\
Data File : BG019801.D
Acq On : 23 Nov 2015 3:47
Operator : UM/NP
Sample : G4345-22
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4J67

Manual Integrations APPROVED
Mmdadoda
11/23/2015 7:14:37 PM

Quant Time: Nov 23 06:05:49 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 04:11:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	22455	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	97730	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.76	164	80144	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.49	188	213644	20.00	ng/ul	0.00
78) Chrysene-d12	21.76	240	280986	20.00	ng/ul	0.00
86) Perylene-d12	25.07	264	270247	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.39	96	1412	2.69	ng/uL	0.00
5) Phenol-d5	7.26	99	40183	17.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	25062	16.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	25600	17.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	30741	16.14	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	14365	17.90	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	16457	18.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	35979	18.43	ng/ul	0.00
29) 4-Chloroaniline-d4	11.08	131	2615m	1.41	ng/ul	0.00
44) Dimethylphthalate-d6	14.15	166	136918	18.89	ng/ul	0.00
47) Acenaphthylene-d8	14.45	160	131330	16.72	ng/ul	0.00
52) 4-Nitrophenol-d4	14.95	143	16688	14.61	ng/ul	0.00
58) Fluorene-d10	15.74	176	104289	16.08	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.86	200	22553	16.34	ng/ul	0.00
71) Anthracene-d10	17.59	188	156769	15.11	ng/ul	0.00
79) Pyrene-d10	19.87	212	164893	12.88	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.84	264	139625	9.90	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	7.24	77	2495	1.49	ng/ul	95
6) Phenol	7.29	94	2972	1.20	ng/ul	97
45) Dimethylphthalate	14.20	163	84982	11.82	ng/ul	97
59) Fluorene	15.80	166	8337	1.21	ng/ul#	78
70) Phenanthrene	17.53	178	152492	13.34	ng/ul	97
72) Anthracene	17.63	178	31374	2.72	ng/ul	98
75) Carbazole	17.89	167	11461	1.24	ng/ul	98
77) Fluoranthene	19.54	202	214487	14.72	ng/ul	99
80) Pyrene	19.90	202	179949	10.97	ng/ul	97
83) Benzo(a)anthracene	21.75	228	101105	5.94	ng/ul	97
85) Chrysene	21.81	228	104112	6.49	ng/ul	96
88) Benzo(b)fluoranthene	24.01	252	114397	6.87	ng/ul	99
89) Benzo(k)fluoranthene	24.07	252	43723m	2.72	ng/ul	
91) Benzo(a)pyrene	24.91	252	83553	5.21	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.84	276	58333	3.25	ng/ul	93
94) Benzo(g,h,i)perylene	30.04	276	44668m	3.00	ng/ul	

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112215\
Data File : BG019801.D
Acq On : 23 Nov 2015 3:47
Operator : UM/NP
Sample : G4345-22
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Nov 23 06:05:49 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 04:11:25 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4J67

Manual Integrations APPROVED
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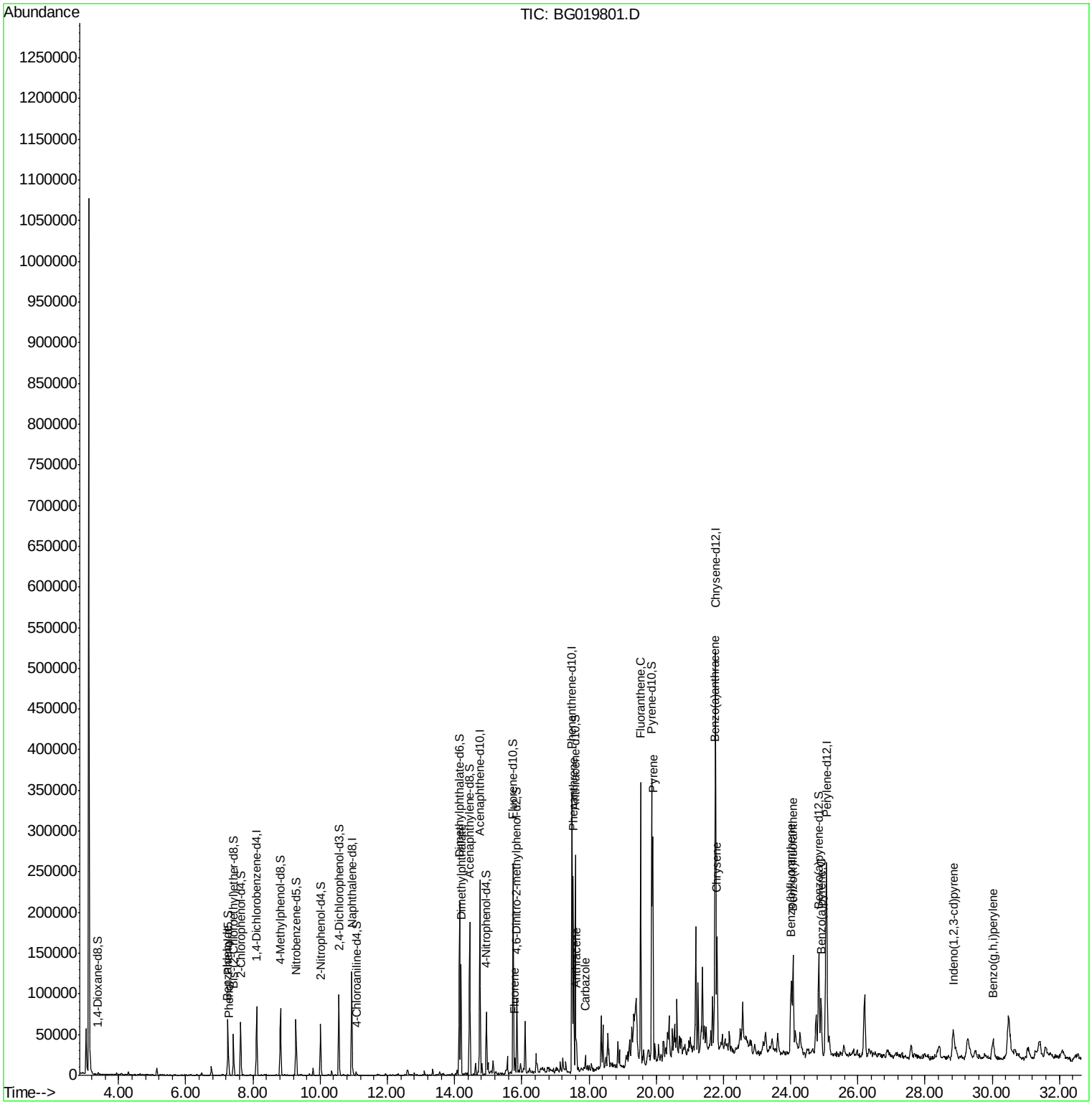
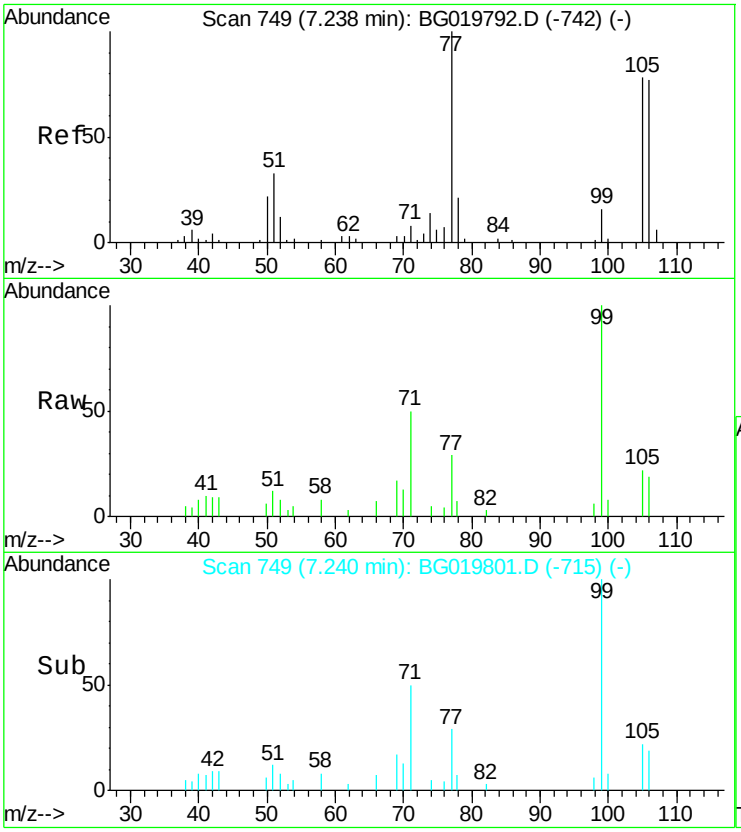
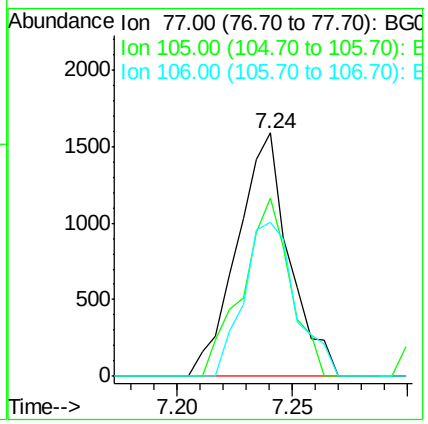




#4
Benzaldehyde
Concen: 1.49 ng/ul
RT: 7.24 min Scan# 749
Delta R.T. 0.00 min
Lab File: BG019801.D
Acq: 23 Nov 2015 3:47

Tgt Ion: 77 Resp: 2495

Ion	Ratio	Lower	Upper
77	100		
105	73.4	58.6	88.0
106	63.4	57.7	86.5



Instrument :
BNA_G
ClientSampleId :
A4J67

Manual Integrations APPROVED
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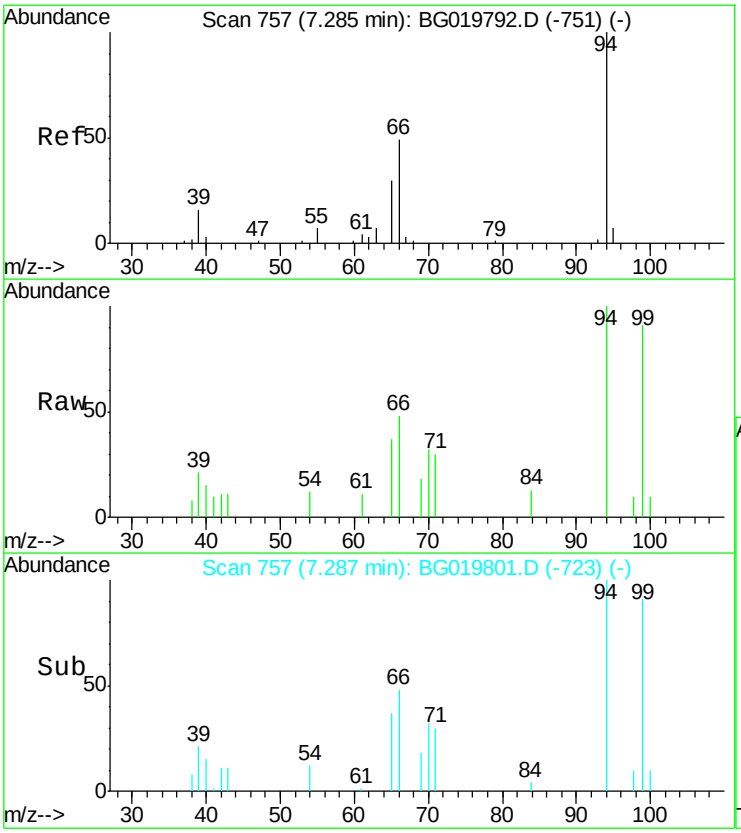
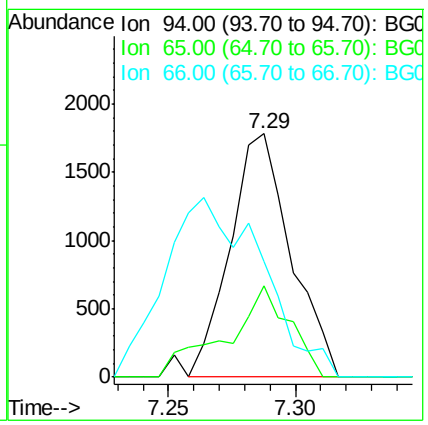
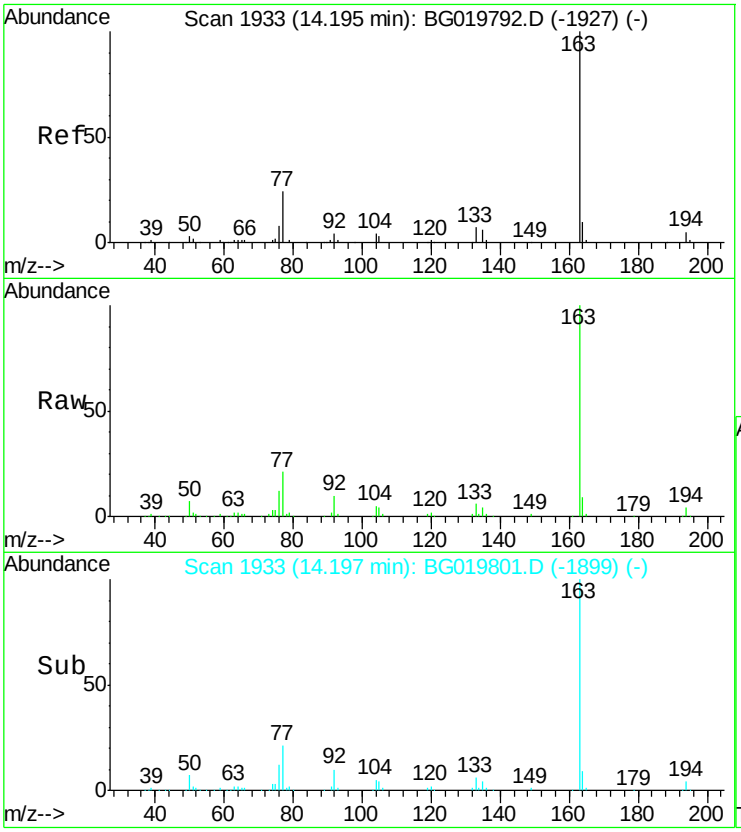


#6
Phenol
Concen: 1.20 ng/ul
RT: 7.29 min Scan# 757
Delta R.T. 0.00 min
Lab File: BG019801.D
Acq: 23 Nov 2015 3:47

Tgt Ion: 94 Resp: 2972

Ion	Ratio	Lower	Upper
94	100		
65	37.3	27.4	41.0
66	47.5	39.0	58.6

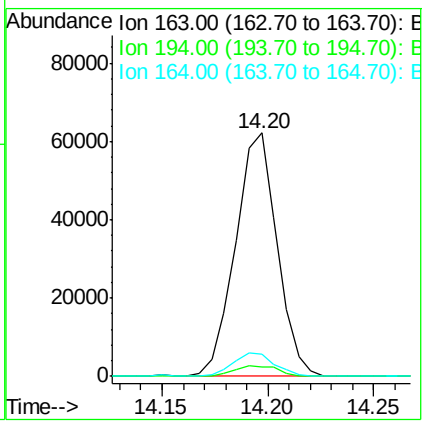




#45
Dimethylphthalate
Concen: 11.82 ng/ul
RT: 14.20 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BG019801.D
Acq: 23 Nov 2015 3:47

Tgt Ion:163 Resp: 84982

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.5	5.3
164	9.0	8.3	12.5



Instrument :
BNA_G
ClientSampleId :
A4J67

Manual Integrations APPROVED
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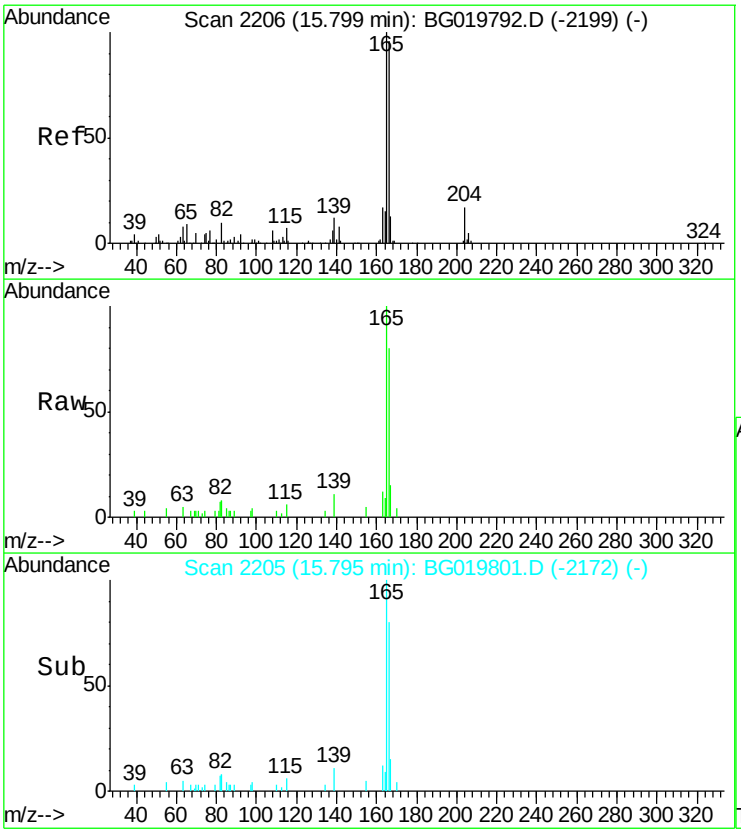
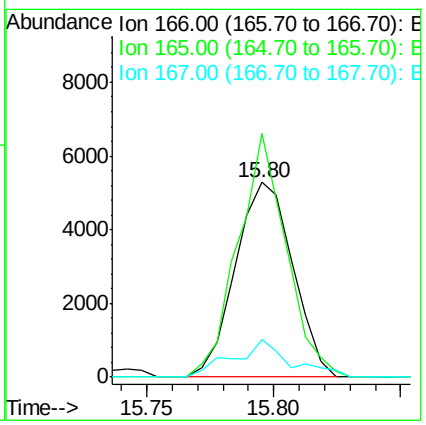
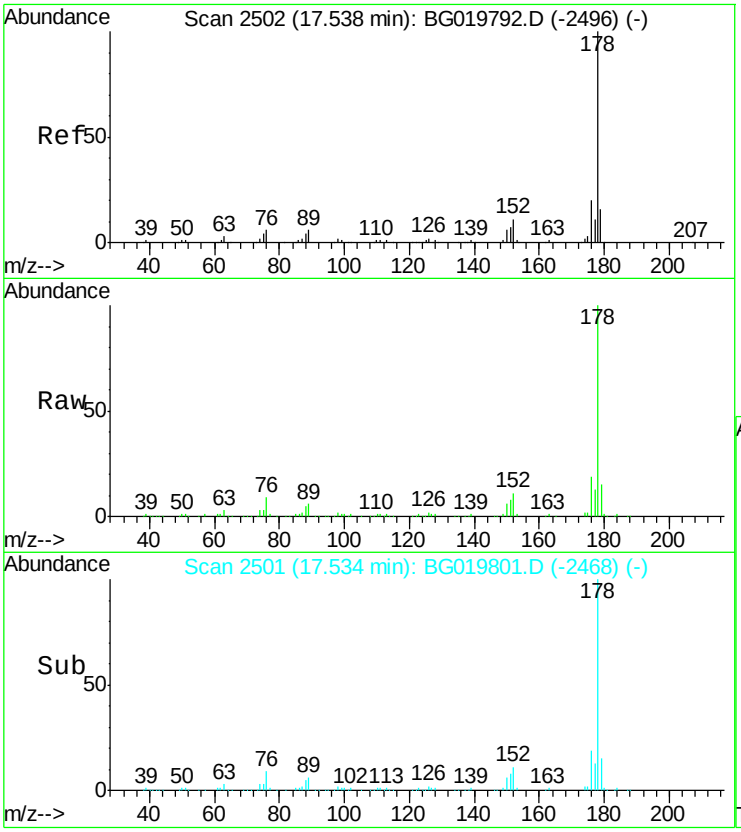


#59
Fluorene
Concen: 1.21 ng/ul
RT: 15.80 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BG019801.D
Acq: 23 Nov 2015 3:47

Tgt Ion:166 Resp: 8337

Ion	Ratio	Lower	Upper
166	100		
165	125.1	81.4	122.2#
167	19.1	11.1	16.7#

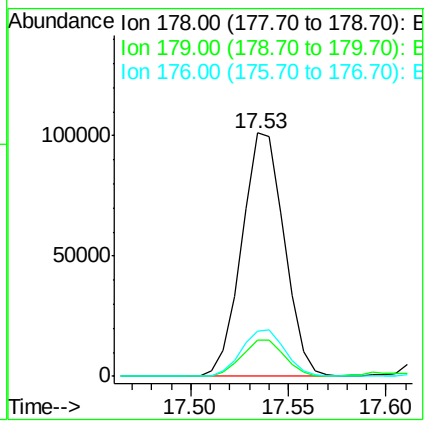




#70
Phenanthrene
Concen: 13.34 ng/ul
RT: 17.53 min Scan# 2501
Delta R.T. -0.00 min
Lab File: BG019801.D
Acq: 23 Nov 2015 3:47

Tgt Ion:178 Resp: 152492

Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.2	18.2
176	18.7	16.6	24.8



Instrument :
BNA_G
ClientSampleId :
A4J67

Manual Integrations APPROVED
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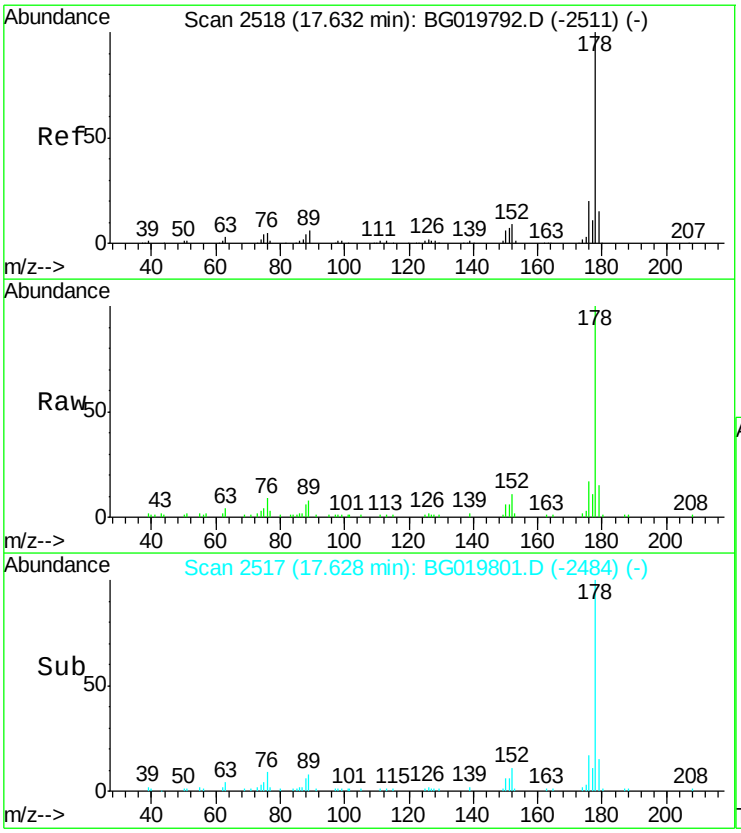
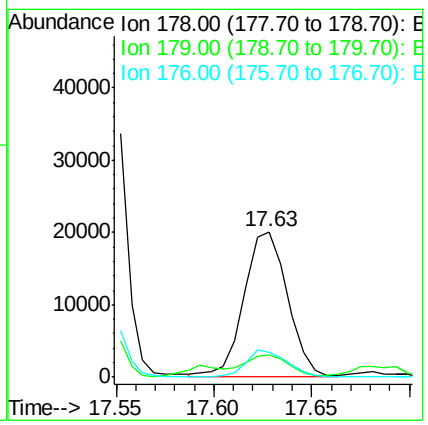
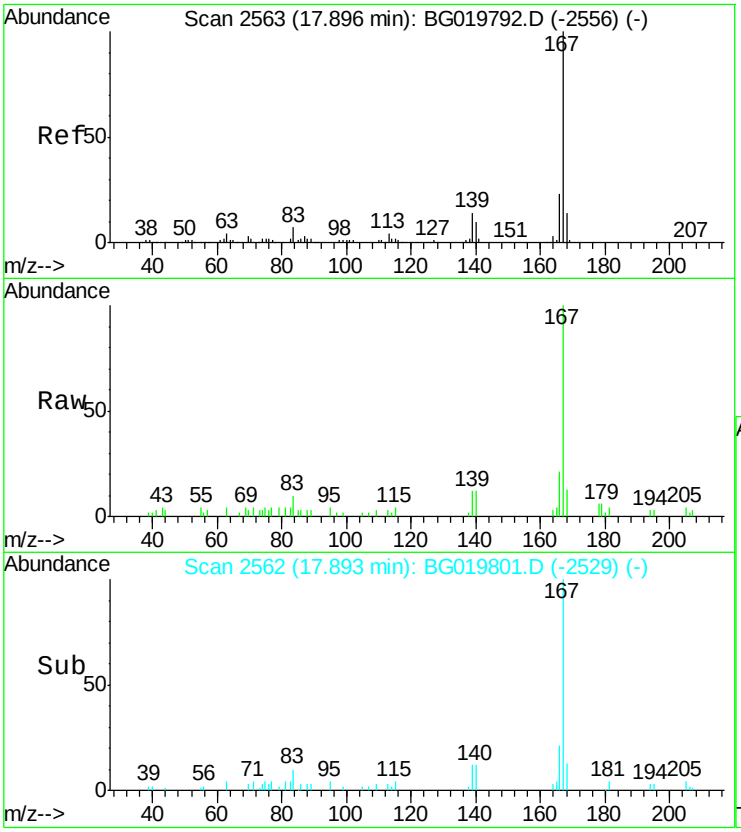


#72
Anthracene
Concen: 2.72 ng/ul
RT: 17.63 min Scan# 2517
Delta R.T. -0.00 min
Lab File: BG019801.D
Acq: 23 Nov 2015 3:47

Tgt Ion:178 Resp: 31374

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	19.0
176	17.3	15.0	22.4

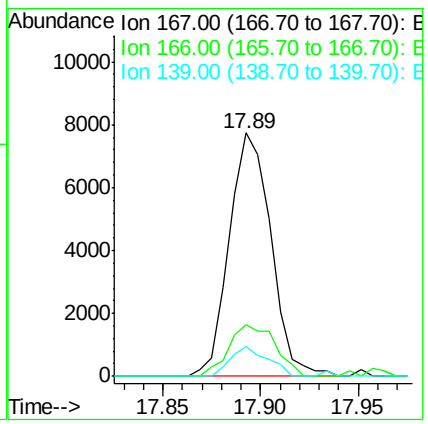




#75
Carbazole
Concen: 1.24 ng/ul
RT: 17.89 min Scan# 2562
Delta R.T. -0.00 min
Lab File: BG019801.D
Acq: 23 Nov 2015 3:47

Tgt Ion:167 Resp: 11461

Ion	Ratio	Lower	Upper
167	100		
166	21.3	18.1	27.1
139	12.3	9.8	14.6



Instrument :
BNA_G
ClientSampleId :
A4J67

Manual Integrations APPROVED
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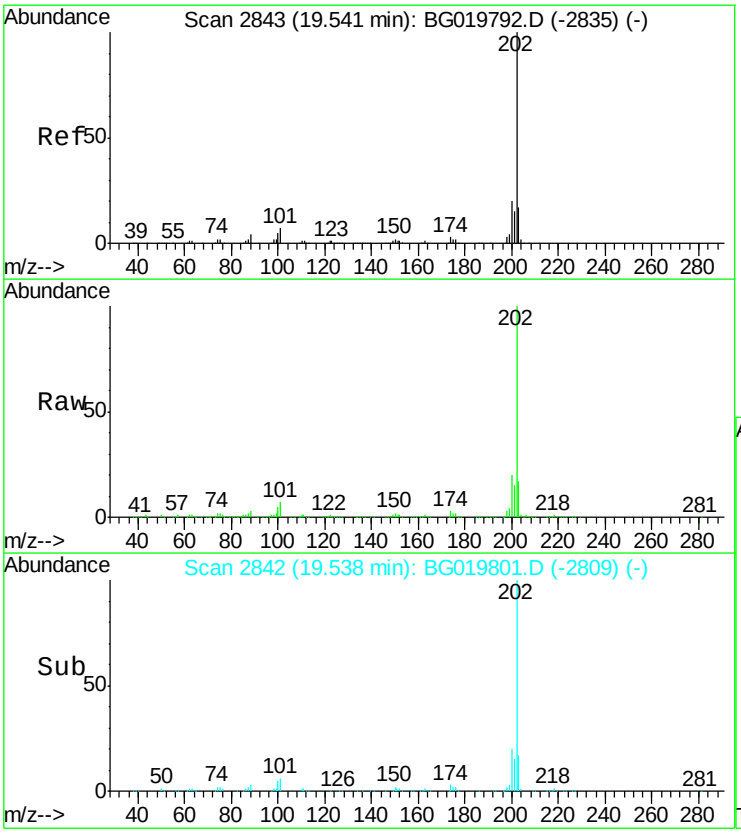
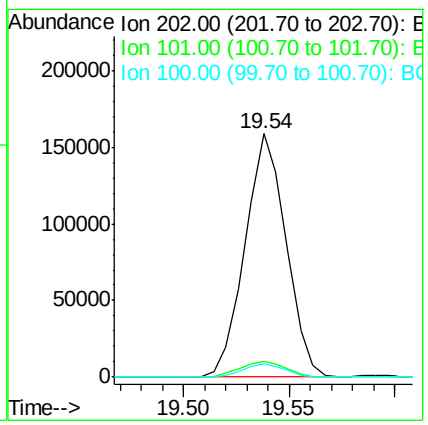
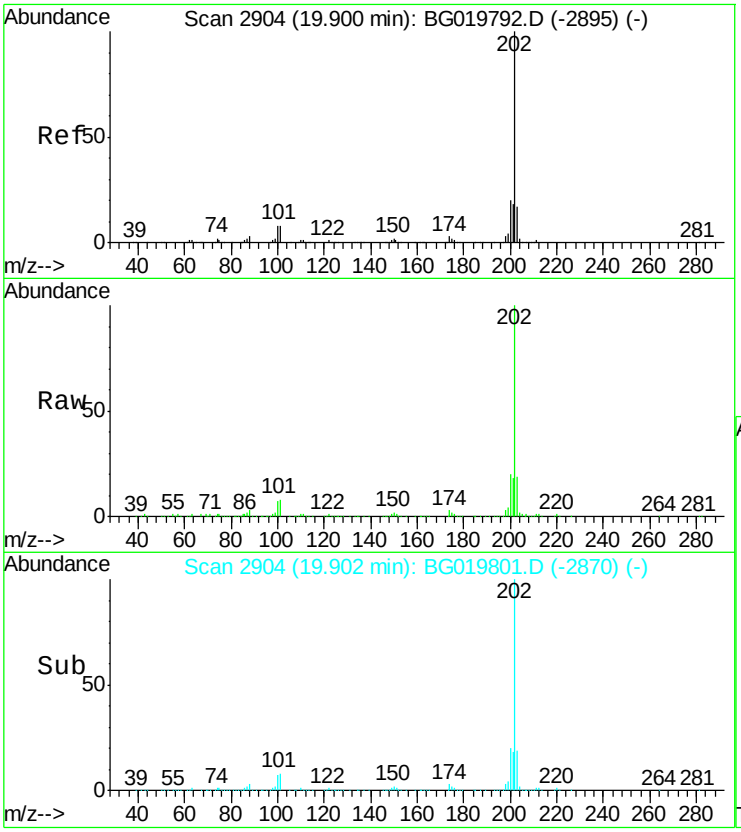


#77
Fluoranthene
Concen: 14.72 ng/ul
RT: 19.54 min Scan# 2842
Delta R.T. -0.00 min
Lab File: BG019801.D
Acq: 23 Nov 2015 3:47

Tgt Ion:202 Resp: 214487

Ion	Ratio	Lower	Upper
202	100		
101	6.6	5.2	7.8
100	5.3	5.0	7.4

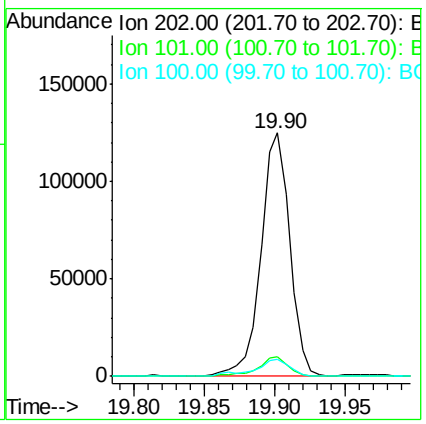




#80
Pyrene
Concen: 10.97 ng/ul
RT: 19.90 min Scan# 2904
Delta R.T. 0.00 min
Lab File: BG019801.D
Acq: 23 Nov 2015 3:47

Tgt Ion:202 Resp: 179949

Ion	Ratio	Lower	Upper
202	100		
101	8.0	7.0	10.6
100	7.1	6.6	10.0



Instrument :
BNA_G
ClientSampleId :
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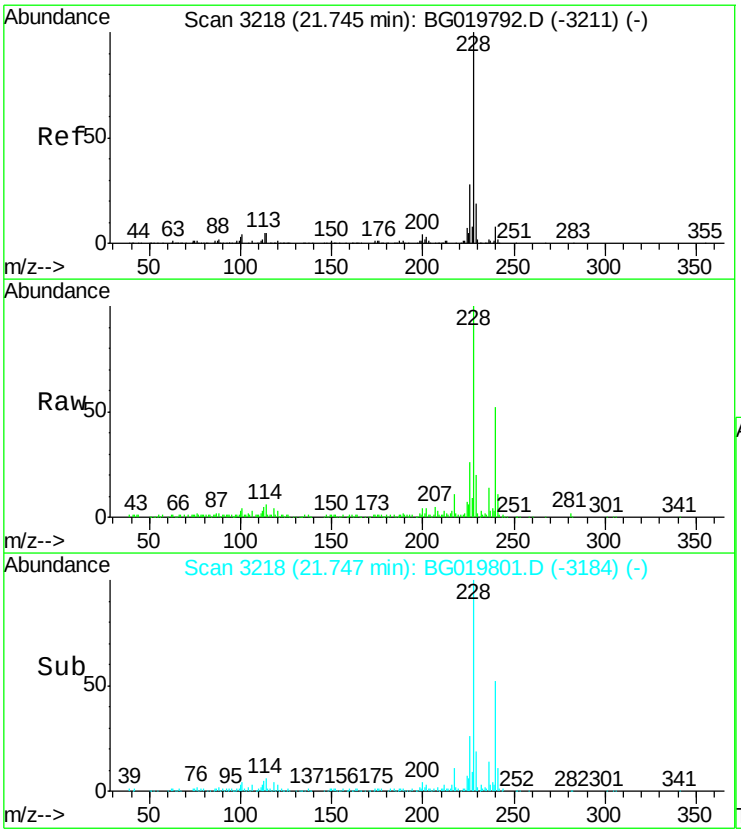
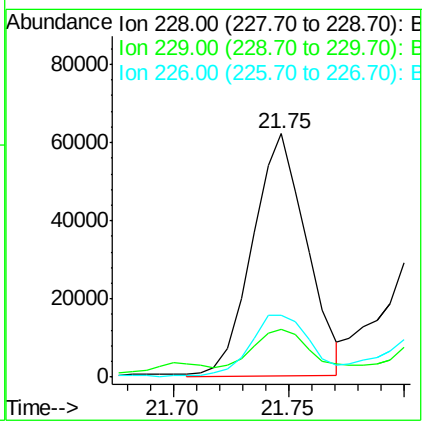
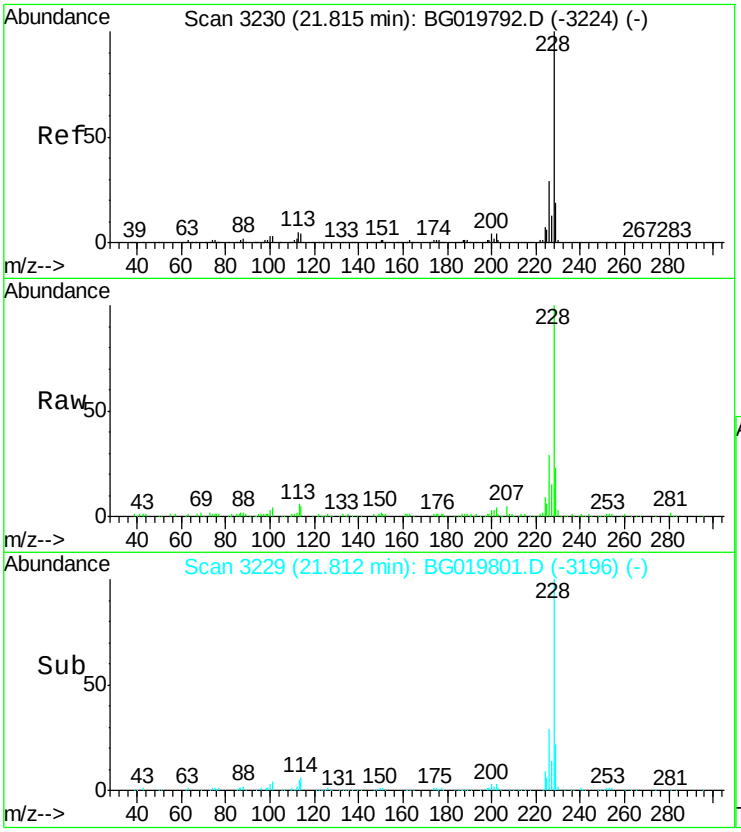


#83
Benzo(a)anthracene
Concen: 5.94 ng/ul
RT: 21.75 min Scan# 3218
Delta R.T. 0.00 min
Lab File: BG019801.D
Acq: 23 Nov 2015 3:47

Tgt Ion:228 Resp: 101105

Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.7	23.5
226	25.6	22.6	33.8

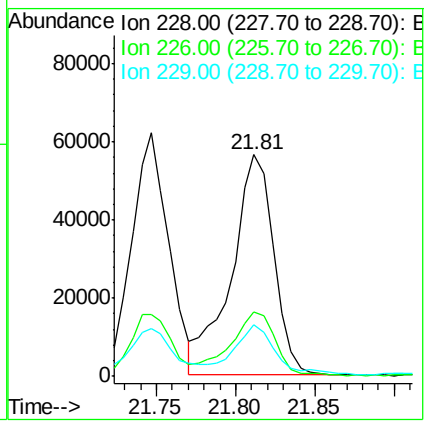




#85
Chrysene
Concen: 6.49 ng/ul
RT: 21.81 min Scan# 3229
Delta R.T. -0.00 min
Lab File: BG019801.D
Acq: 23 Nov 2015 3:47

Tgt Ion:228 Resp: 104112

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.9	37.3
229	23.2	17.0	25.6



Instrument :
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ClientSampleId :
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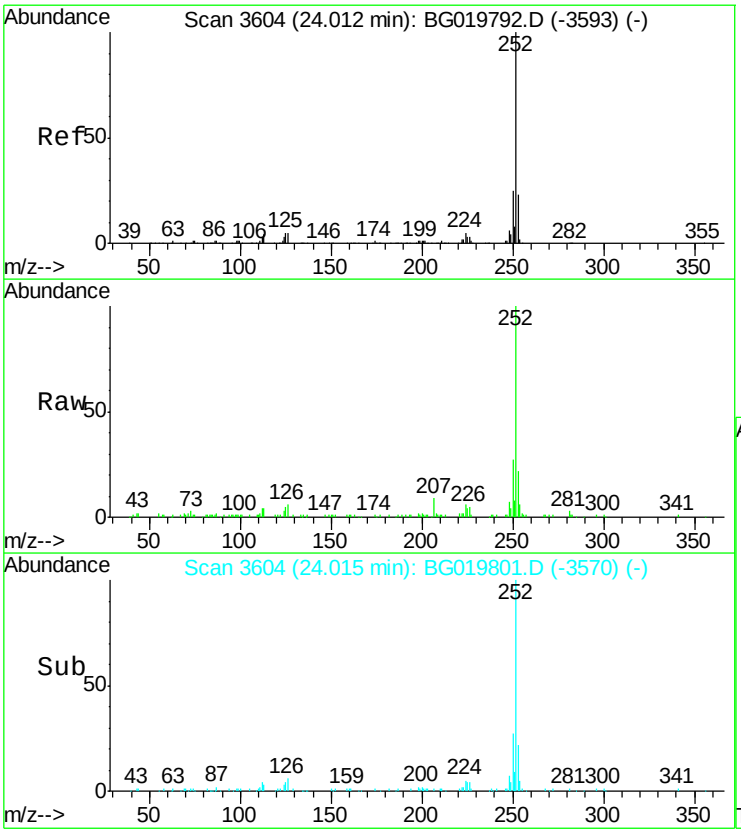
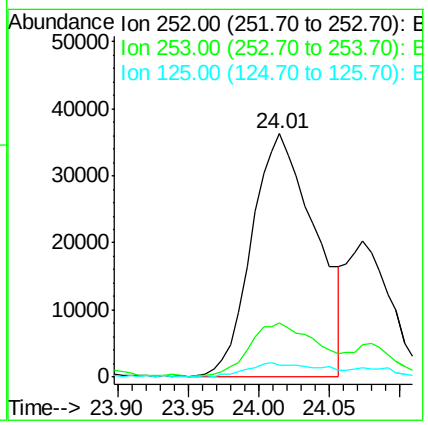
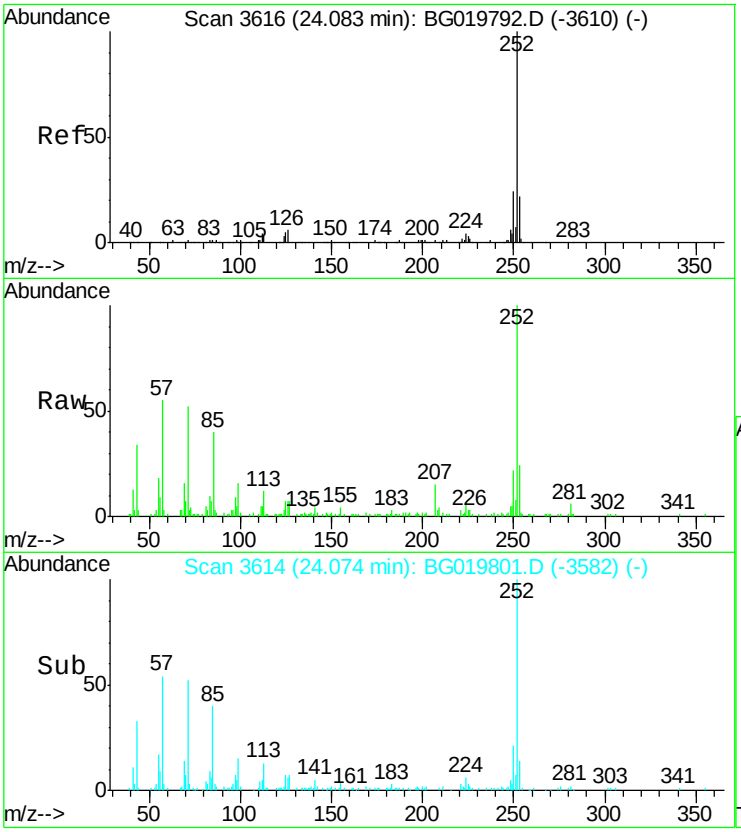


#88
Benzo(b)fluoranthene
Concen: 6.87 ng/ul
RT: 24.01 min Scan# 3604
Delta R.T. 0.00 min
Lab File: BG019801.D
Acq: 23 Nov 2015 3:47

Tgt Ion:252 Resp: 114397

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	4.9	4.2	6.4





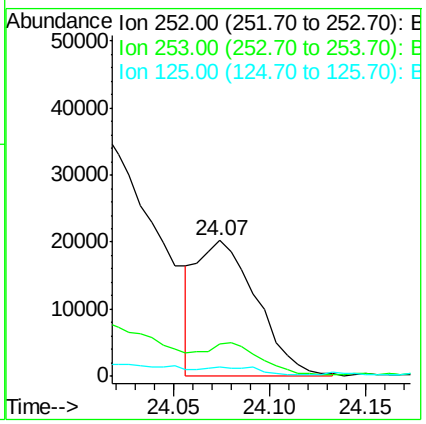
#89
Benzo(k)fluoranthene
Concen: 2.72 ng/ul m
RT: 24.07 min Scan# 3614
Delta R.T. -0.01 min
Lab File: BG019801.D
Acq: 23 Nov 2015 3:47

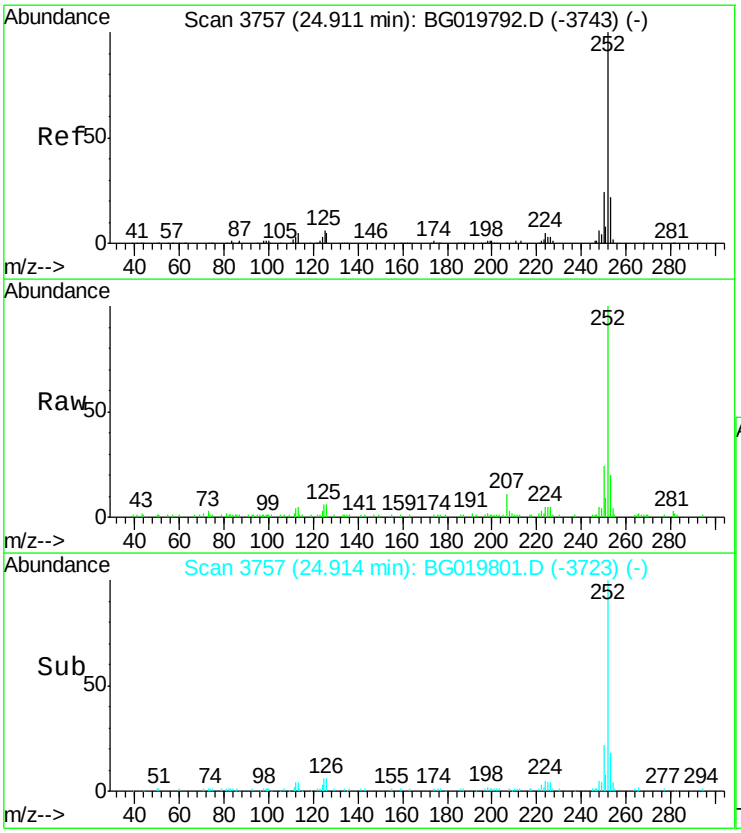
Tgt Ion:252 Resp: 43723

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.1	25.7
125	6.7	4.4	6.6#

Instrument :
BNA_G
ClientSampleId :
A4J67

Manual Integrations APPROVED
Mmdadoda
11/23/2015 7:14:37 PM

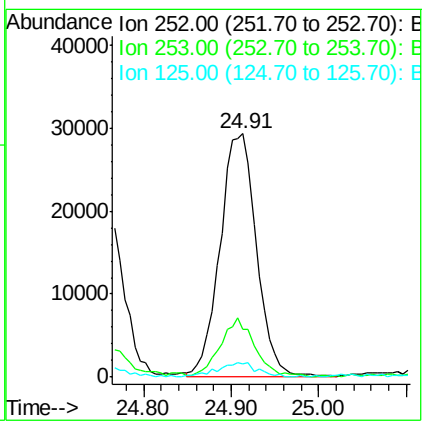


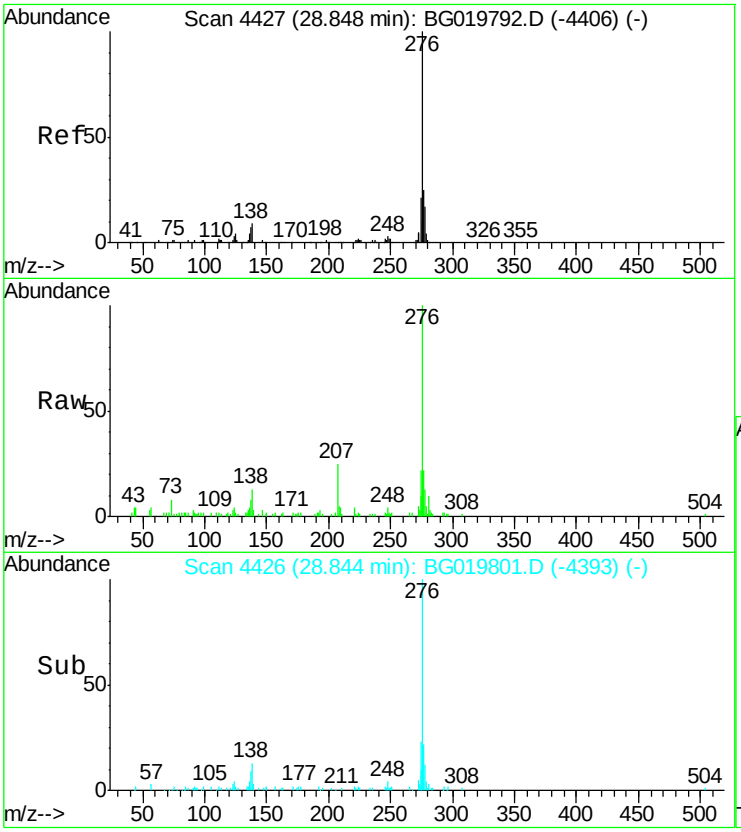


#91
Benzo(a)pyrene
Concen: 5.21 ng/ul
RT: 24.91 min Scan# 3757
Delta R.T. 0.00 min
Lab File: BG019801.D
Acq: 23 Nov 2015 3:47

Tgt Ion:252 Resp: 83553

Ion	Ratio	Lower	Upper
252	100		
253	19.6	16.9	25.3
125	5.7	5.4	8.0

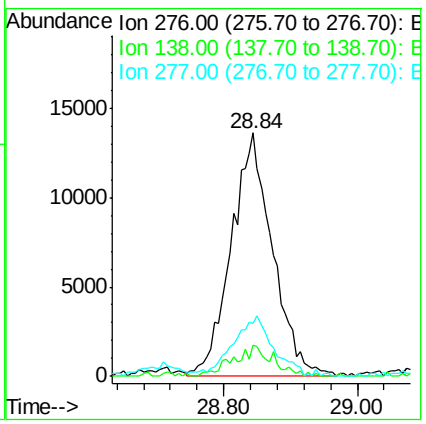




#92
Indeno(1,2,3-cd)pyrene
Concen: 3.25 ng/ul
RT: 28.84 min Scan# 4426
Delta R.T. -0.00 min
Lab File: BG019801.D
Acq: 23 Nov 2015 3:47

Tgt Ion:276 Resp: 58333

Ion	Ratio	Lower	Upper
276	100		
138	12.8	9.9	14.9
277	21.5	21.3	31.9



Instrument :
BNA_G
ClientSampleId :
A4J67

Manual Integrations APPROVED
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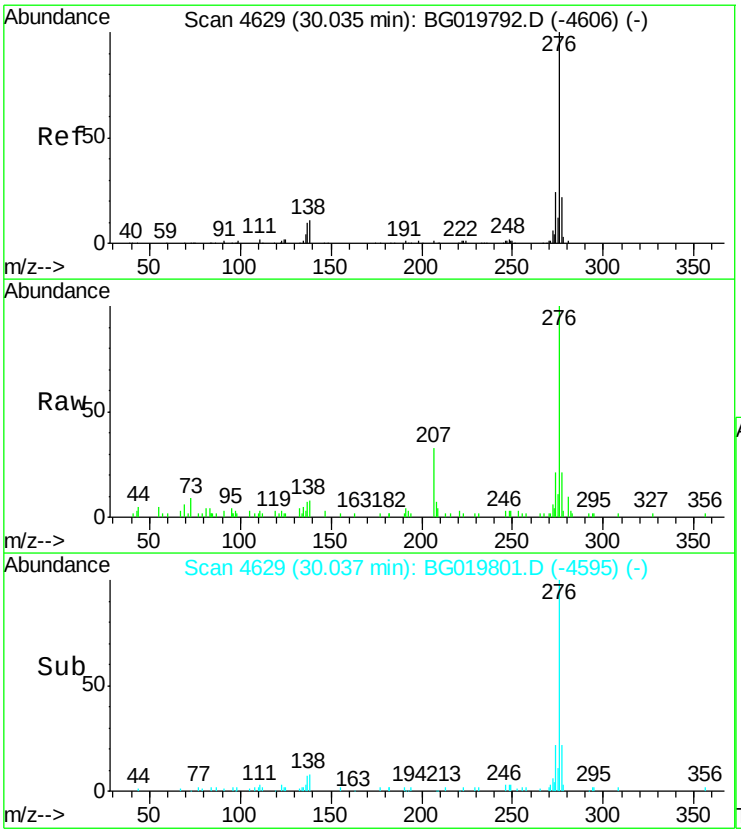

#94
Benzo(g,h,i)perylene
Concen: 3.00 ng/ul m
RT: 30.04 min Scan# 4629
Delta R.T. 0.00 min
Lab File: BG019801.D
Acq: 23 Nov 2015 3:47

Tgt Ion:276 Resp: 44668

Ion	Ratio	Lower	Upper
276	100		
138	7.8	9.2	13.8#
277	21.3	18.6	28.0