Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102015\
Data File : BG019262.D
Acq On : 20 Oct 2015 18:14
Operator : UM/NP
Sample : G4074-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JG9J8

Manual Integrations APPROVED
MMdadoda
10/21/2015 2:33:01 PM

Quant Time: Oct 21 02:06:18 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 21 01:23:32 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	13588	20.00	ng/ul	0.00
18) Naphthalene-d8	10.79	136	64707	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.62	164	49619	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.37	188	128526	20.00	ng/ul	0.00
78) Chrysene-d12	21.63	240	139596	20.00	ng/ul	0.00
86) Perylene-d12	24.82	264	141617	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	609	2.50	ng/uL	0.00
5) Phenol-d5	7.17	99	18796	15.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.32	67	13300	17.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.53	132	15214	17.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	15646	15.57	ng/ul	0.00
19) Nitrobenzene-d5	9.15	128	8093	16.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.88	143	9655	18.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.42	165	18197	17.36	ng/ul	0.00
29) 4-Chloroaniline-d4	10.93	131	17351	12.86	ng/ul	0.00
44) Dimethylphthalate-d6	14.03	166	76437	17.61	ng/ul	0.00
47) Acenaphthylene-d8	14.32	160	87673	18.69	ng/ul	0.00
52) 4-Nitrophenol-d4	14.84	143	11327	14.52	ng/ul	0.00
58) Fluorene-d10	15.61	176	70757	19.08	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.73	200	12469	15.73	ng/ul	0.00
71) Anthracene-d10	17.47	188	113691	18.72	ng/ul	0.00
79) Pyrene-d10	19.75	212	128573	20.31	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.61	264	132303	18.49	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	14.07	163	11684	2.67	ng/ul#	97
77) Fluoranthene	19.42	202	23116	2.57	ng/ul#	89
80) Pyrene	19.78	202	20271	2.45	ng/ul#	87
85) Chrysene	21.67	228	21374	2.87	ng/ul	98
88) Benzo(b)fluoranthene	23.81	252	35506	4.42	ng/ul	94
89) Benzo(k)fluoranthene	23.87	252	12517m	1.59	ng/ul	
92) Indeno(1,2,3-cd)pyrene	28.46	276	11382m	1.24	ng/ul	
94) Benzo(g,h,i)perylene	29.59	276	11074m	1.47	ng/ul	

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

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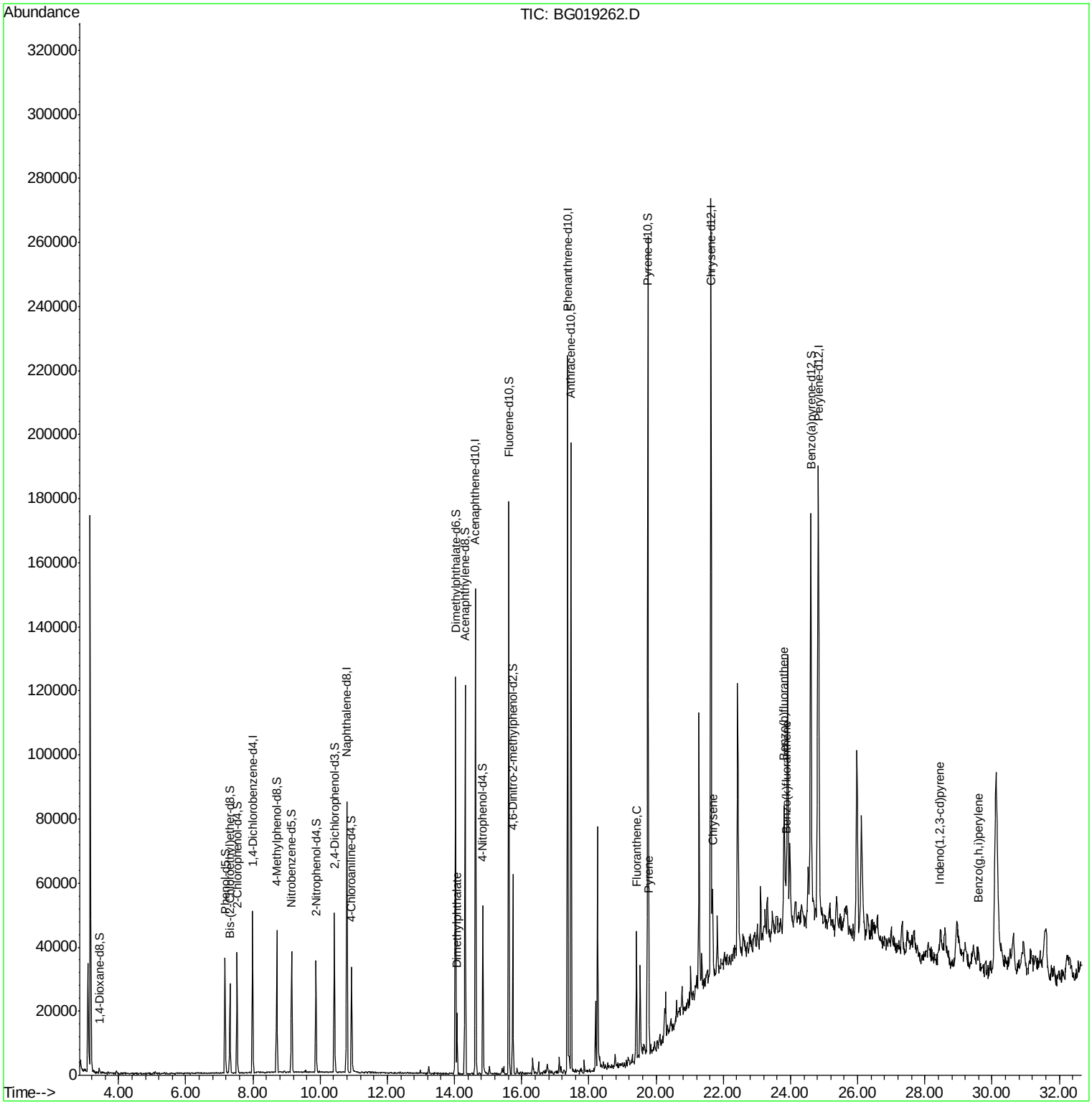
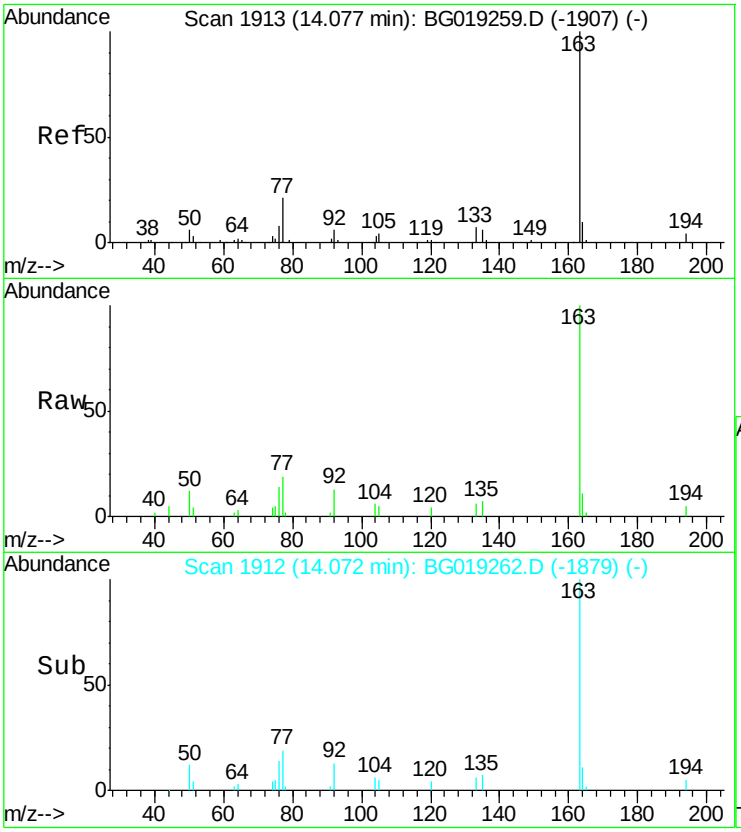
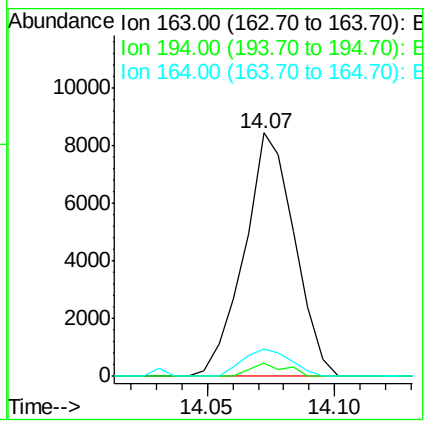




#45
Dimethylphthalate
Concen: 2.67 ng/ul
RT: 14.07 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BG019262.D
Acq: 20 Oct 2015 18:14

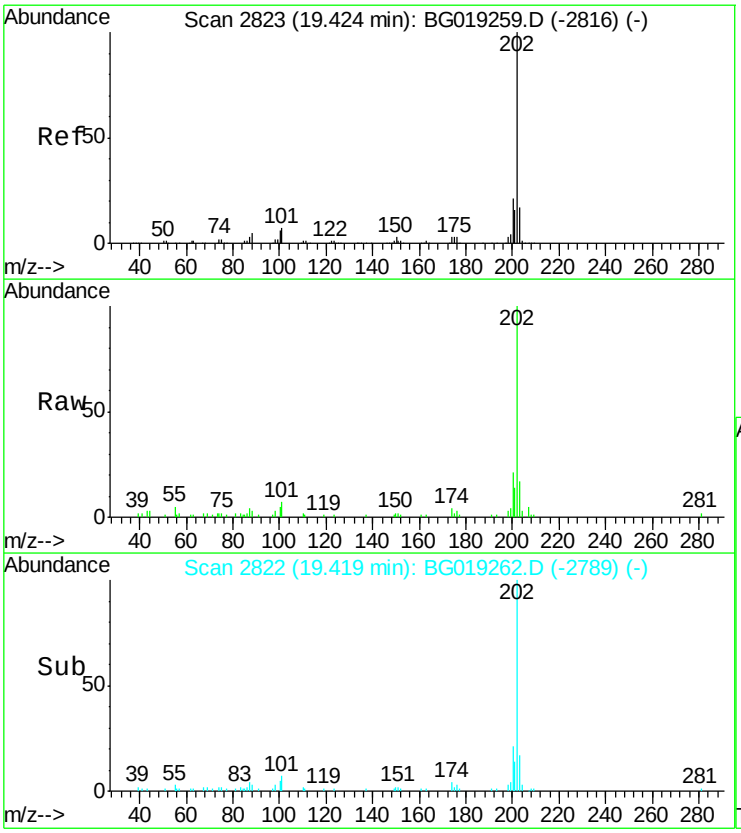
Tgt Ion:163 Resp: 11684

Ion	Ratio	Lower	Upper
163	100		
194	5.3	3.3	4.9#
164	11.4	8.1	12.1



Instrument :
BNA_G
ClientSampleId :
JG9J8

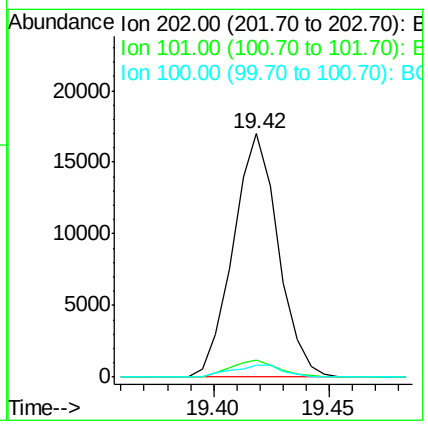
Manual Integrations APPROVED
MMdadoda
10/21/2015 2:33:01 PM

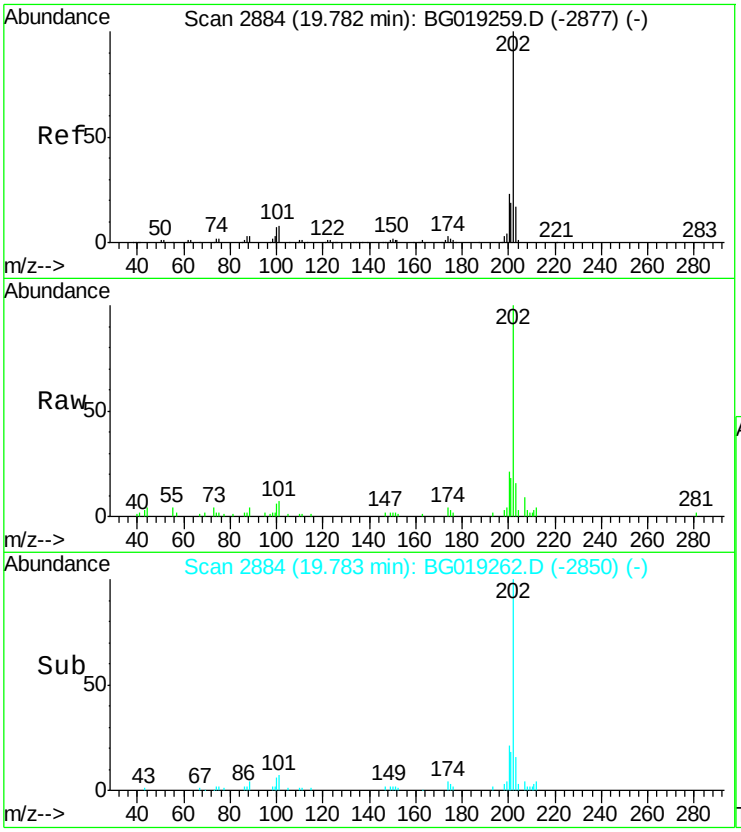


#77
Fluoranthene
Concen: 2.57 ng/ul
RT: 19.42 min Scan# 2822
Delta R.T. -0.01 min
Lab File: BG019262.D
Acq: 20 Oct 2015 18:14

Tgt Ion:202 Resp: 23116

Ion	Ratio	Lower	Upper
202	100		
101	7.0	9.0	13.4#
100	4.9	6.9	10.3#

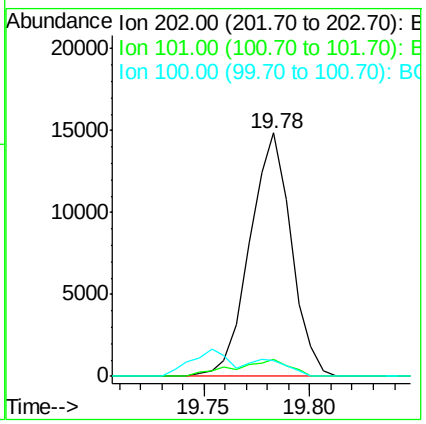




#80
Pyrene
Concen: 2.45 ng/ul
RT: 19.78 min Scan# 2884
Delta R.T. 0.00 min
Lab File: BG019262.D
Acq: 20 Oct 2015 18:14

Tgt Ion:202 Resp: 20271

Ion	Ratio	Lower	Upper
202	100		
101	6.9	10.2	15.2#
100	6.4	8.5	12.7#



Instrument :
BNA_G
ClientSampleId :
JG9J8

Manual Integrations APPROVED
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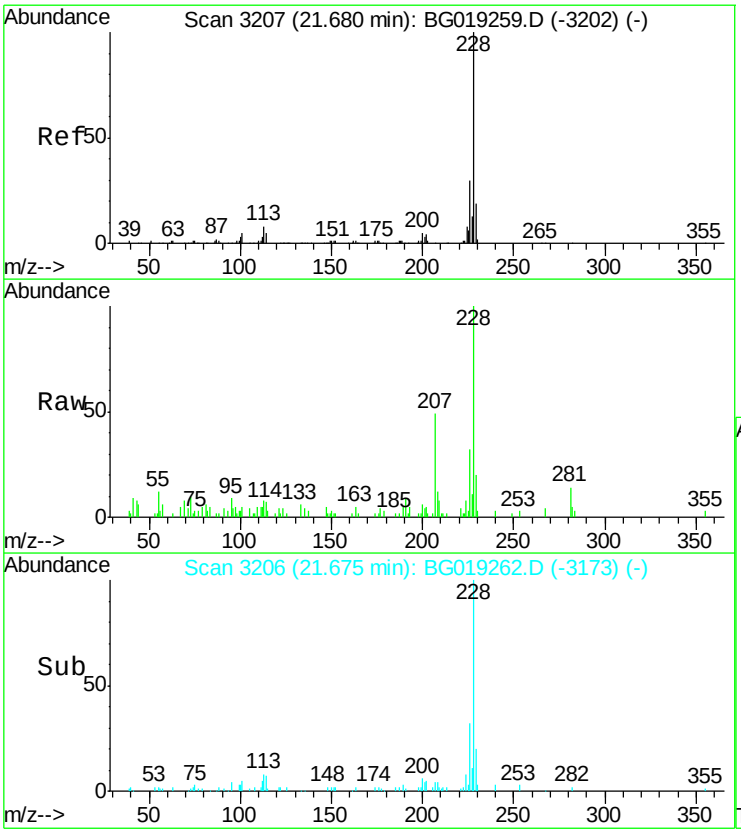
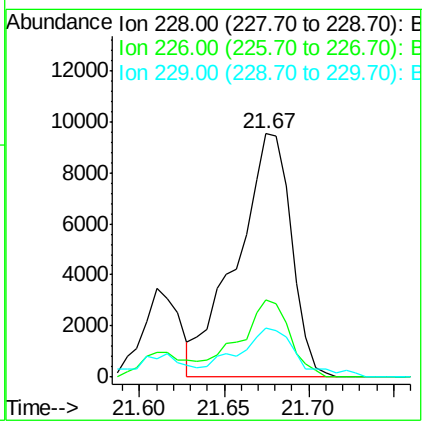
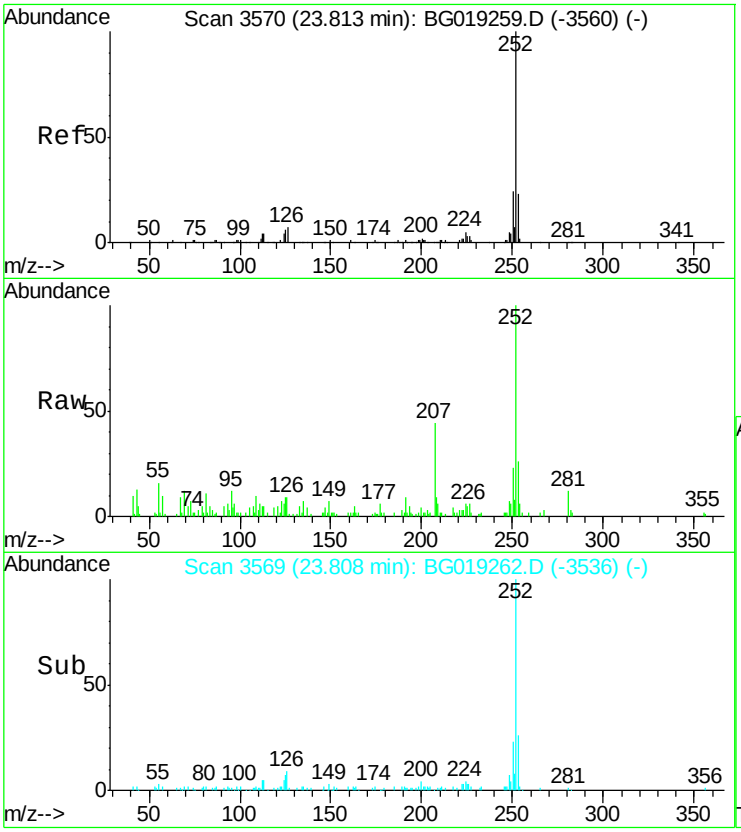


#85
Chrysene
Concen: 2.87 ng/ul
RT: 21.67 min Scan# 3206
Delta R.T. -0.01 min
Lab File: BG019262.D
Acq: 20 Oct 2015 18:14

Tgt Ion:228 Resp: 21374

Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.2	36.2
229	20.1	15.6	23.4

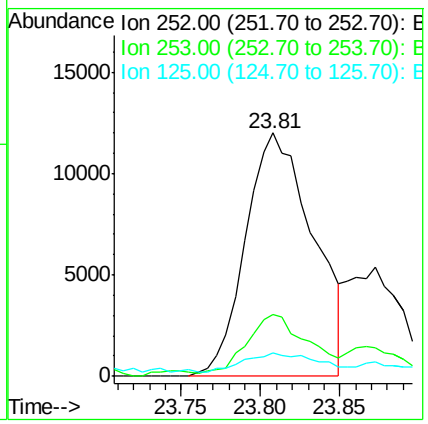




#88
Benzo(b)fluoranthene
Concen: 4.42 ng/ul
RT: 23.81 min Scan# 3569
Delta R.T. -0.01 min
Lab File: BG019262.D
Acq: 20 Oct 2015 18:14

Tgt Ion:252 Resp: 35506

Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.4	26.2
125	9.4	8.1	12.1



Instrument :
BNA_G
ClientSampleId :
JG9J8

Manual Integrations APPROVED
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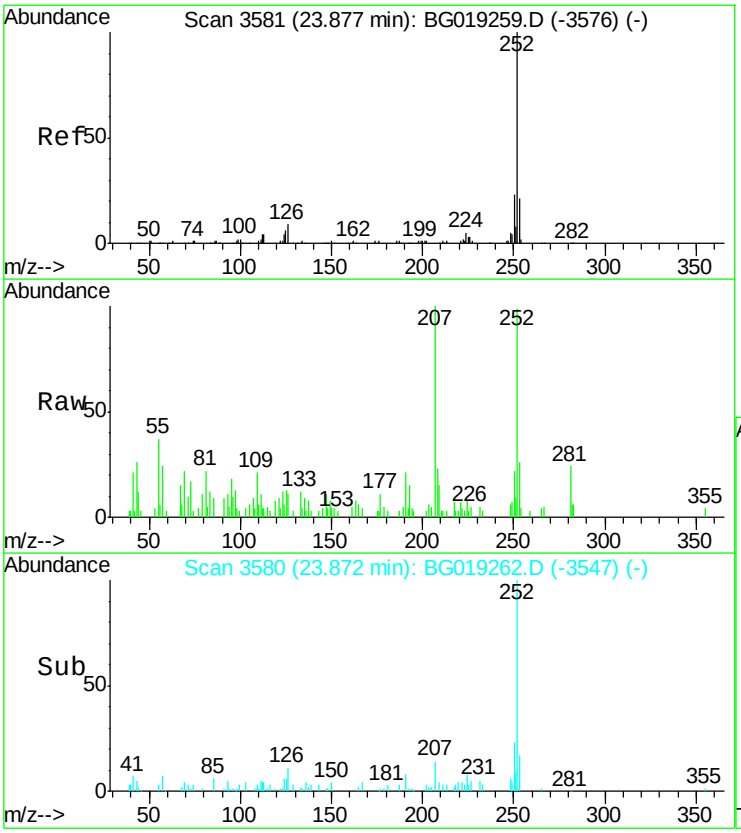
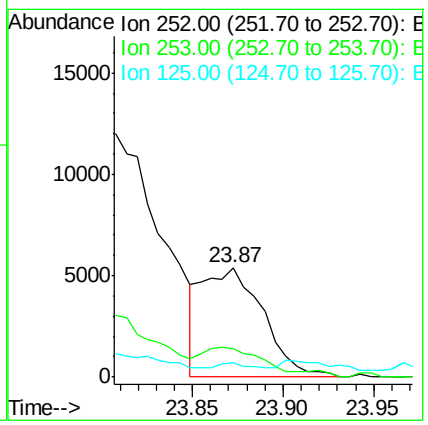
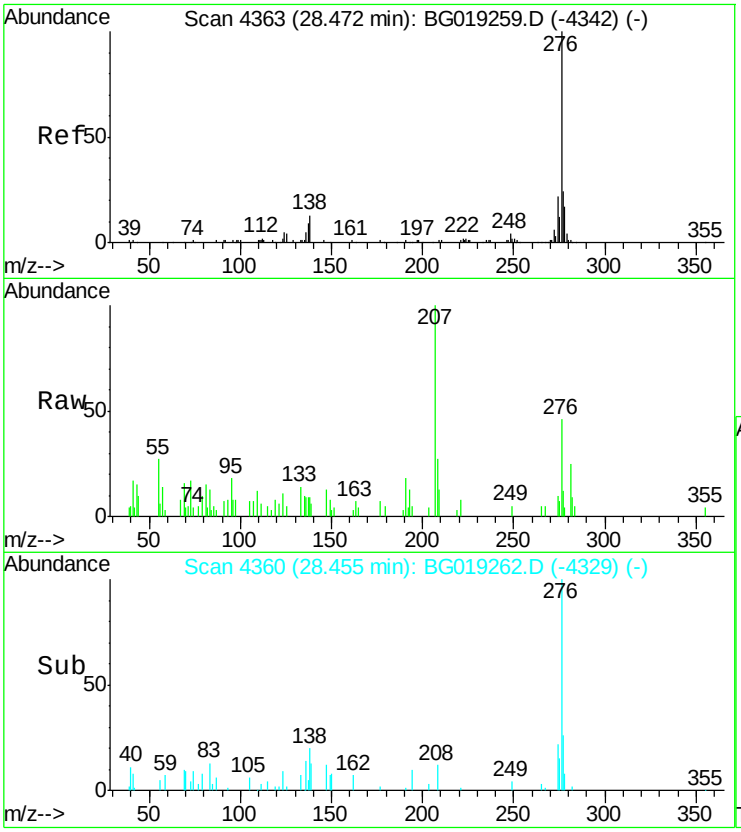


#89
Benzo(k)fluoranthene
Concen: 1.59 ng/ul m
RT: 23.87 min Scan# 3580
Delta R.T. -0.01 min
Lab File: BG019262.D
Acq: 20 Oct 2015 18:14

Tgt Ion:252 Resp: 12517

Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.2	25.8#
125	13.2	8.4	12.6#

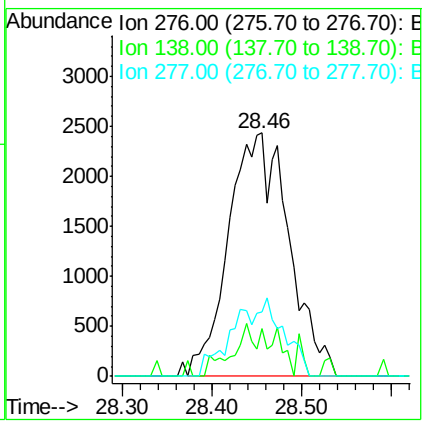




#92
Indeno(1,2,3-cd)pyrene
Concen: 1.24 ng/ul m
RT: 28.46 min Scan# 4360
Delta R.T. -0.02 min
Lab File: BG019262.D
Acq: 20 Oct 2015 18:14

Tgt Ion:276 Resp: 11382

Ion	Ratio	Lower	Upper
276	100		
138	19.6	14.9	22.3
277	26.4	18.0	27.0



Instrument :
BNA_G
ClientSampleId :
JG9J8

Manual Integrations APPROVED
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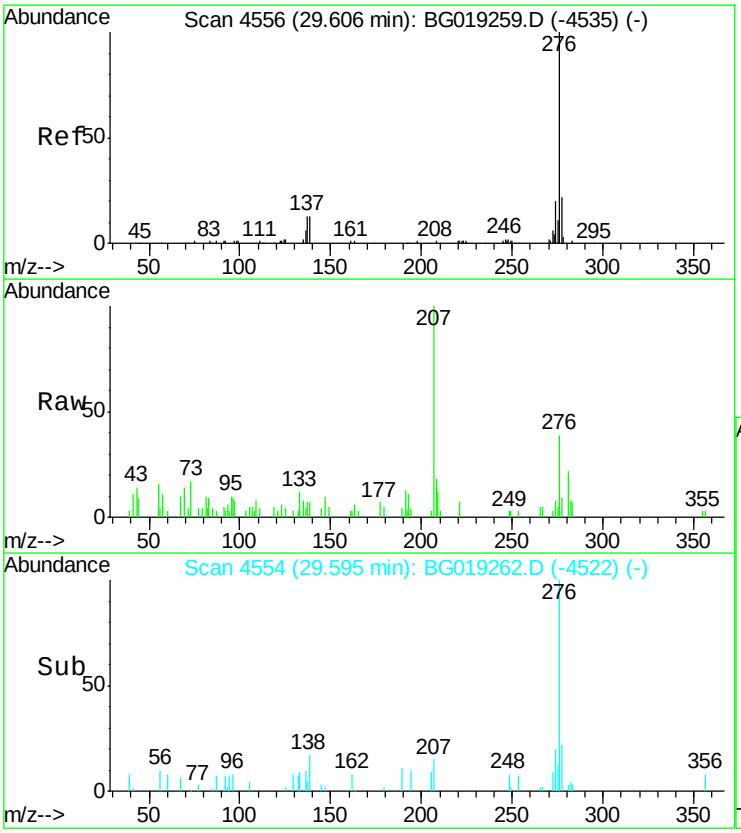
10/21/2015 2:33:01 PM



#94
Benzo(g,h,i)perylene
Concen: 1.47 ng/ul m
RT: 29.59 min Scan# 4554
Delta R.T. -0.01 min
Lab File: BG019262.D
Acq: 20 Oct 2015 18:14

Tgt Ion:276 Resp: 11074

Ion	Ratio	Lower	Upper
276	100		
138	17.1	16.3	24.5
277	22.4	18.7	28.1