Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082815\
Data File : BG018532.D
Acq On : 29 Aug 2015 3:19
Operator : UM/MA
Sample : G3448-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AC0

Manual Integrations APPROVED
MMDadoda
8/31/2015 1:48:10 PM

Quant Time: Aug 31 05:07:44 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 31 03:29:45 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	82859	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	374324	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	240792	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.38	188	547570	20.00	ng/ul	0.00
78) Chrysene-d12	21.64	240	545142	20.00	ng/ul	0.00
86) Perylene-d12	24.84	264	532401	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	1727	0.92	ng/uL	0.00
5) Phenol-d5	7.17	99	143772	19.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	76623	16.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	97217	16.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	122448	19.38	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	57179	19.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	60495	20.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	135551	21.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	154416	21.66	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	440243	21.73	ng/ul	0.00
47) Acenaphthylene-d8	14.33	160	575178	22.55	ng/ul	0.00
52) 4-Nitrophenol-d4	14.82	143	78617	21.57	ng/ul	0.00
58) Fluorene-d10	15.63	176	408685	23.16	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	46575	17.29	ng/ul	0.00
71) Anthracene-d10	17.48	188	629726	24.05	ng/ul	0.00
79) Pyrene-d10	19.76	212	638911	22.59	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.62	264	668144	23.64	ng/ul	0.00
Target Compounds						Qvalue
32) Caprolactam	11.69	113	5997m	2.52	ng/ul	
45) Dimethylphthalate	14.08	163	230214	11.52	ng/ul	98
70) Phenanthrene	17.42	178	112536	3.79	ng/ul	97
77) Fluoranthene	19.43	202	286195	9.02	ng/ul	100
80) Pyrene	19.79	202	235880	6.40	ng/ul	98
83) Benzo(a)anthracene	21.62	228	117029	3.46	ng/ul	99
85) Chrysene	21.69	228	110846	3.51	ng/ul	96
88) Benzo(b)fluoranthene	23.82	252	148462	4.44	ng/ul#	94
89) Benzo(k)fluoranthene	23.89	252	46449m	1.44	ng/ul	
91) Benzo(a)pyrene	24.68	252	95302	3.00	ng/ul	94
92) Indeno(1,2,3-cd)pyrene	28.47	276	64381	1.75	ng/ul#	92
94) Benzo(g,h,i)perylene	29.60	276	59973m	1.94	ng/ul	

(#) = 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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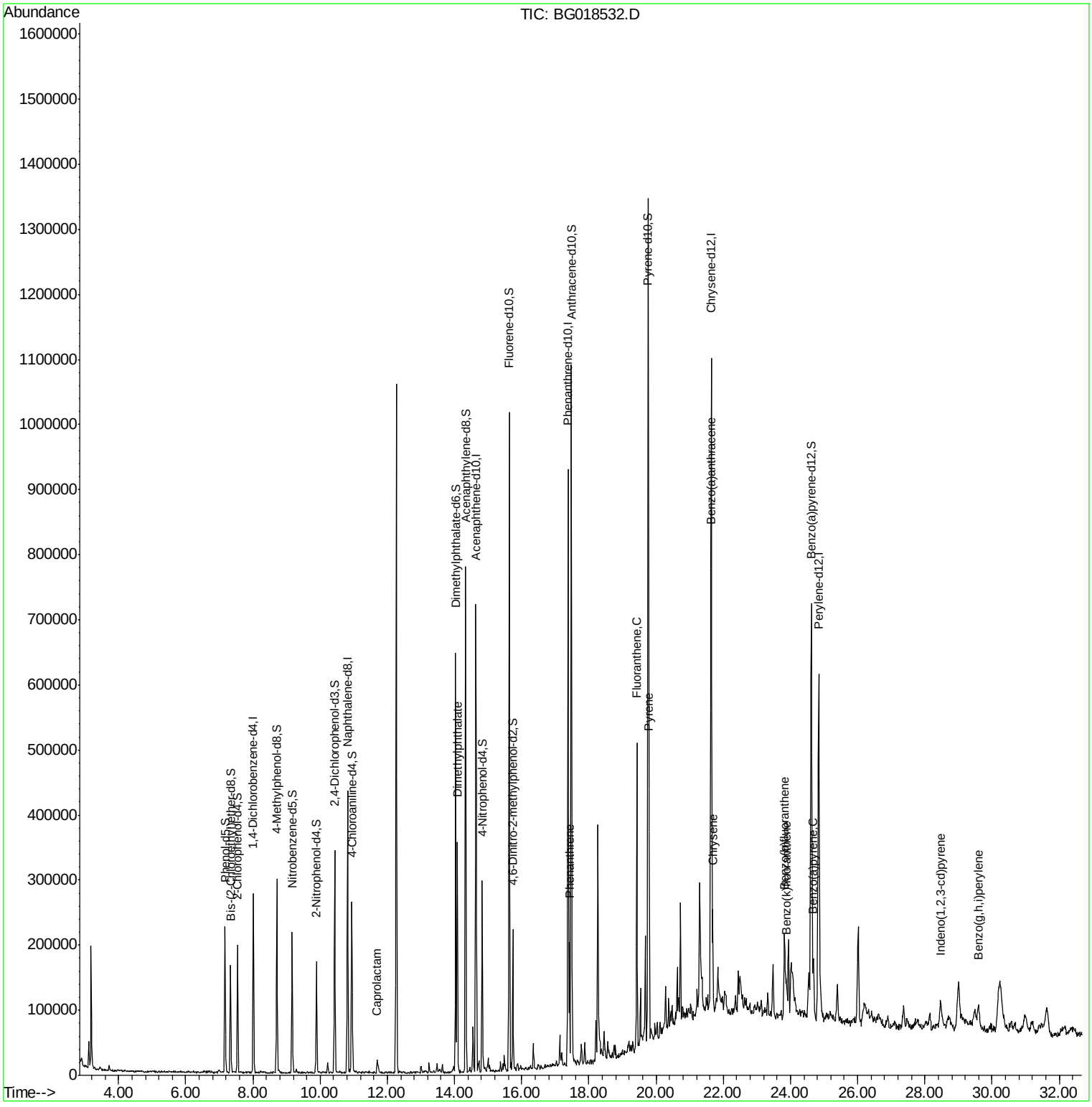
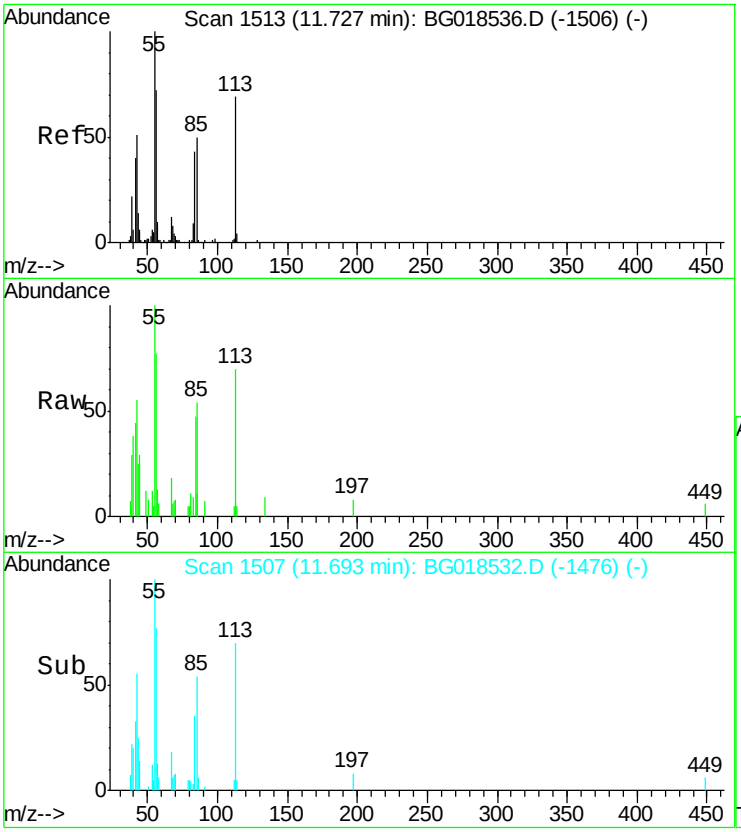
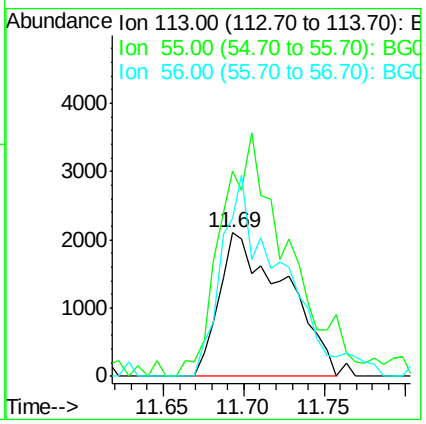




#32
Caprolactam
Concen: 2.52 ng/ul m
RT: 11.69 min Scan# 1507
Delta R.T. -0.02 min
Lab File: BG018532.D
Acq: 29 Aug 2015 3:19

Tgt Ion:113 Resp: 5997

Ion	Ratio	Lower	Upper
113	100		
55	142.6	124.2	186.4
56	109.7	98.2	147.4



Instrument :
BNA_G
ClientSampleId :
C0AC0

Manual Integrations APPROVED
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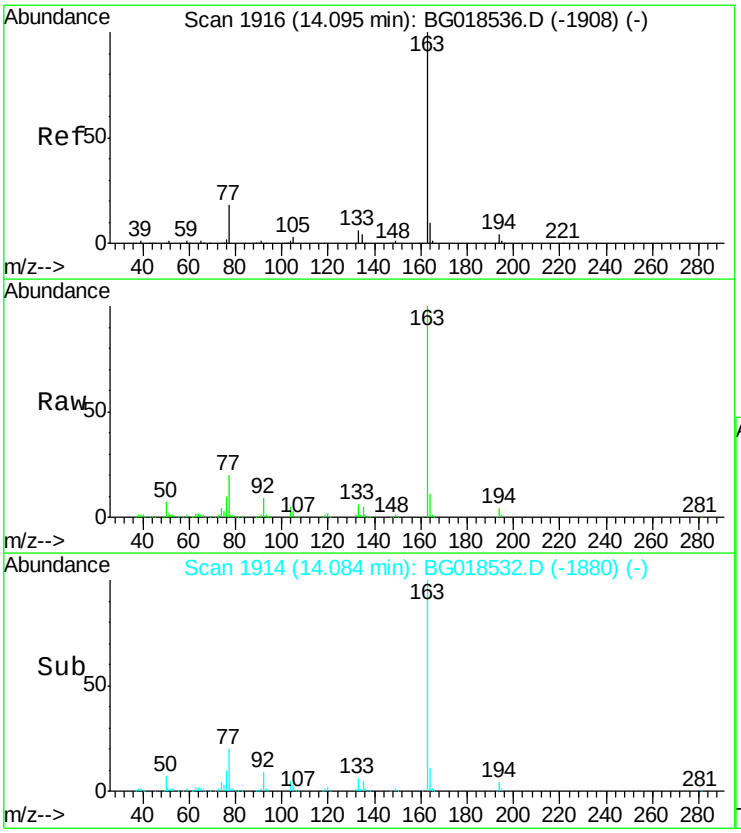
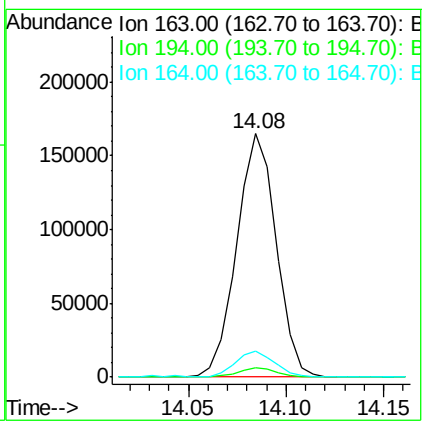
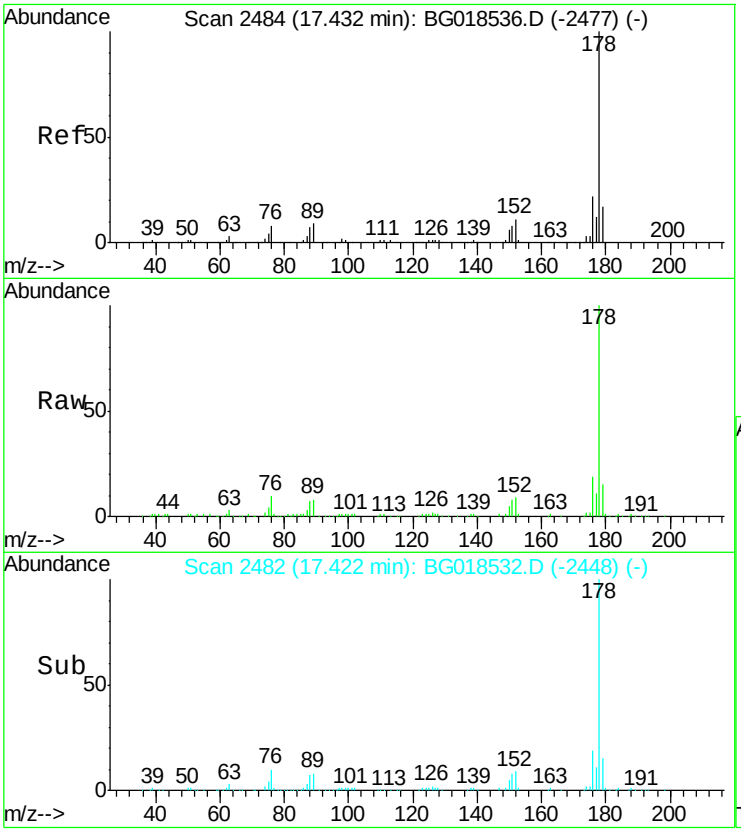


#45
Dimethylphthalate
Concen: 11.52 ng/ul
RT: 14.08 min Scan# 1914
Delta R.T. -0.00 min
Lab File: BG018532.D
Acq: 29 Aug 2015 3:19

Tgt Ion:163 Resp: 230214

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.9	4.3
164	10.7	7.7	11.5

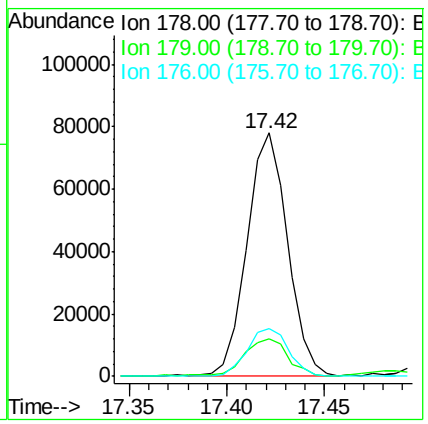




#70
Phenanthrene
Concen: 3.79 ng/ul
RT: 17.42 min Scan# 2482
Delta R.T. -0.00 min
Lab File: BG018532.D
Acq: 29 Aug 2015 3:19

Tgt Ion:178 Resp: 112536

Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.7	20.5
176	19.4	16.6	24.8



Instrument :
BNA_G
ClientSampleId :
C0AC0

Manual Integrations APPROVED
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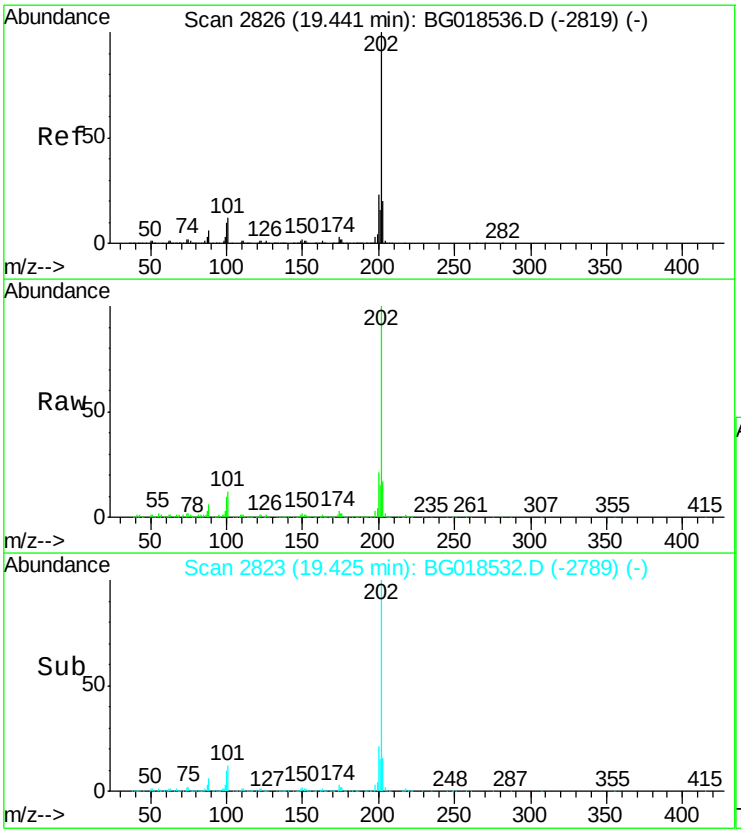
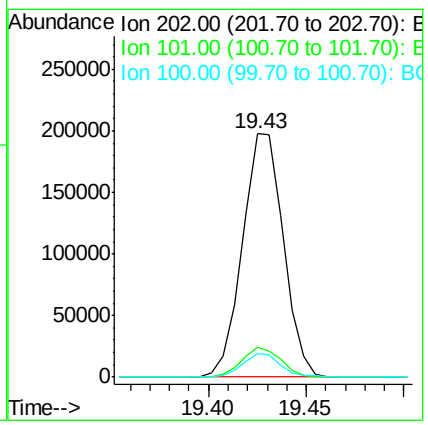
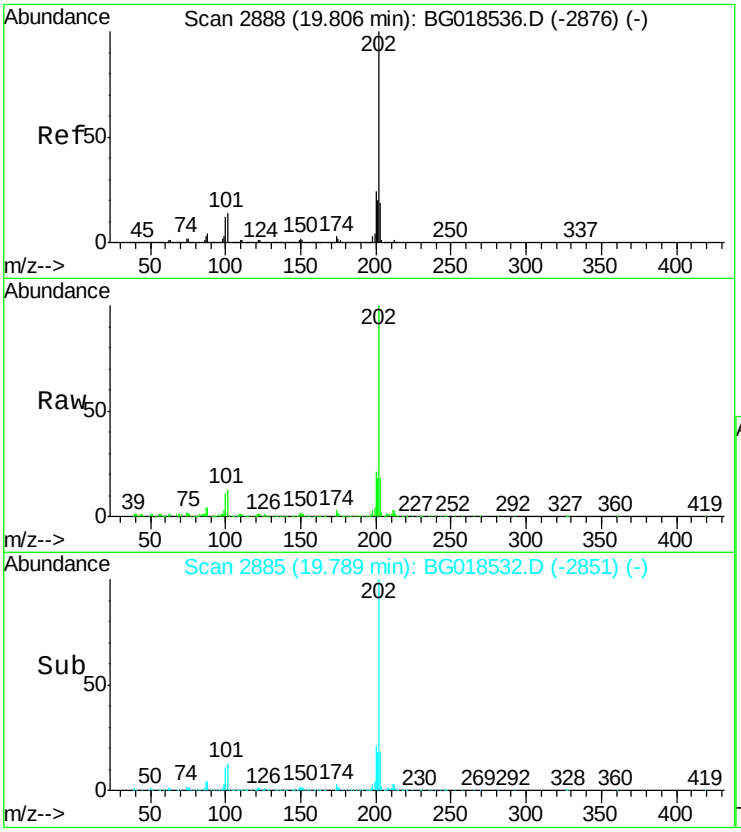


#77
Fluoranthene
Concen: 9.02 ng/ul
RT: 19.43 min Scan# 2823
Delta R.T. -0.00 min
Lab File: BG018532.D
Acq: 29 Aug 2015 3:19

Tgt Ion:202 Resp: 286195

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.7	14.5
100	9.7	7.8	11.8

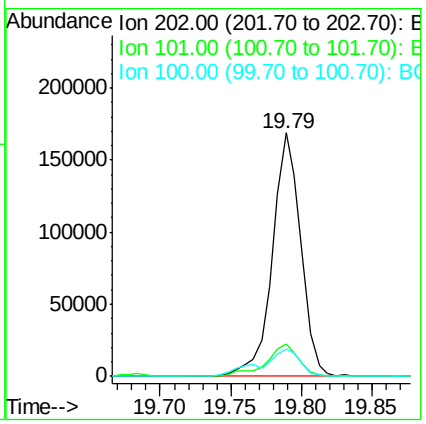




#80
Pyrene
Concen: 6.40 ng/ul
RT: 19.79 min Scan# 2885
Delta R.T. -0.00 min
Lab File: BG018532.D
Acq: 29 Aug 2015 3:19

Tgt Ion:202 Resp: 235880

Ion	Ratio	Lower	Upper
202	100		
101	13.3	11.0	16.4
100	11.3	9.8	14.6



Instrument :
BNA_G
ClientSampleId :
C0AC0

Manual Integrations APPROVED
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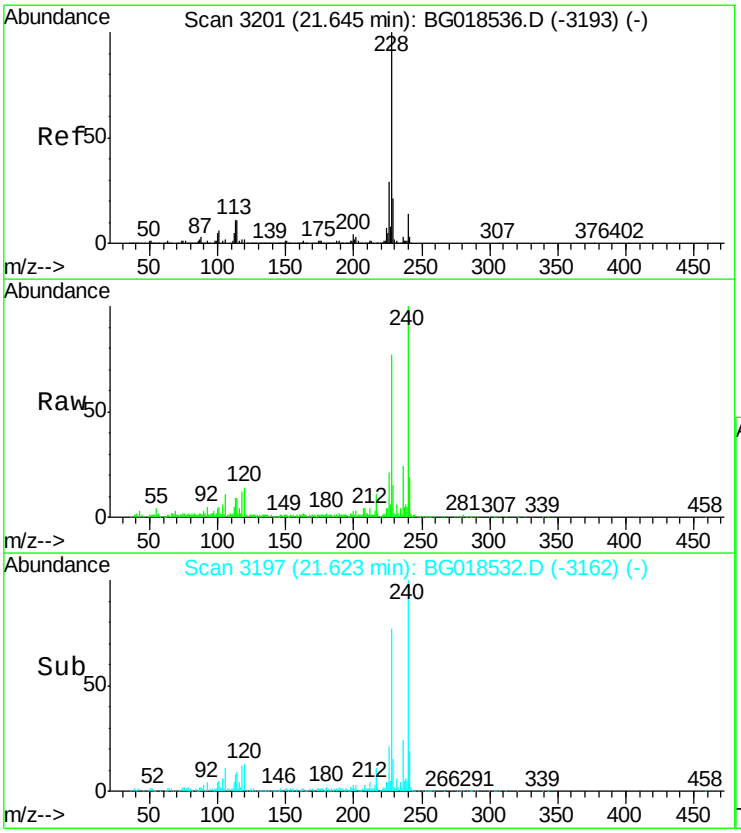
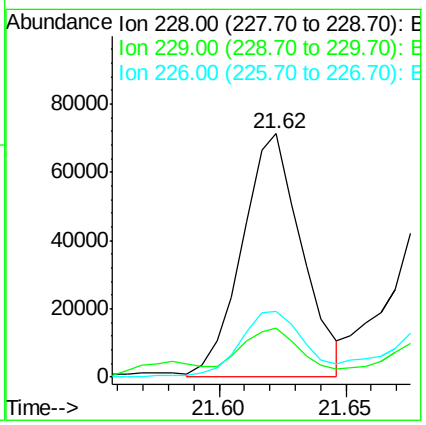
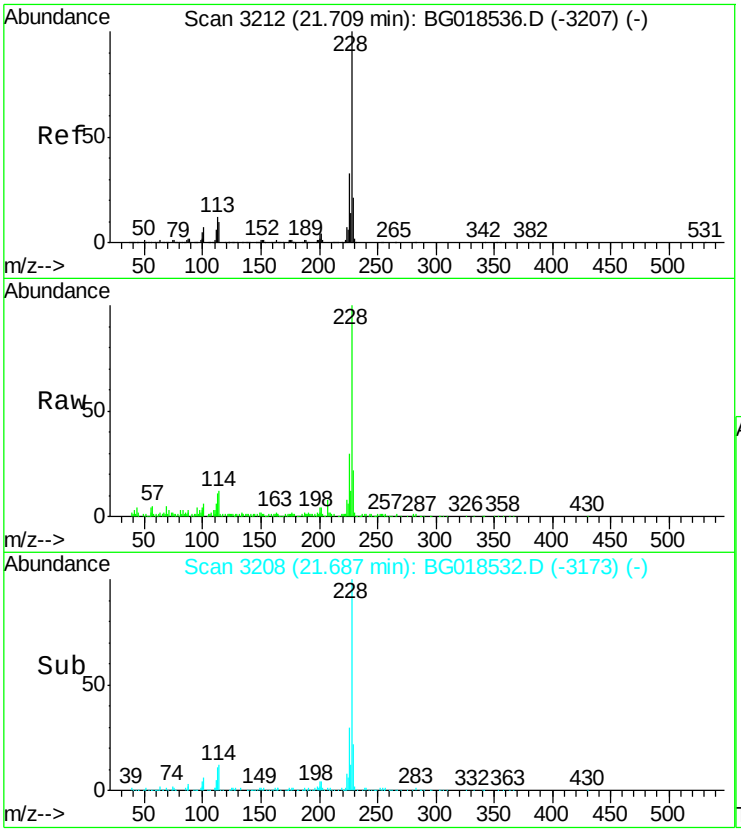


#83
Benzo(a)anthracene
Concen: 3.46 ng/ul
RT: 21.62 min Scan# 3197
Delta R.T. 0.00 min
Lab File: BG018532.D
Acq: 29 Aug 2015 3:19

Tgt Ion:228 Resp: 117029

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.5	23.3
226	27.2	22.1	33.1





#85
Chrysene
Concen: 3.51 ng/ul
RT: 21.69 min Scan# 3208
Delta R.T. 0.00 min
Lab File: BG018532.D
Acq: 29 Aug 2015 3:19

Tgt Ion:228 Resp: 110846

Ion	Ratio	Lower	Upper
228	100		
226	30.5	26.5	39.7
229	21.9	16.9	25.3

Instrument :
BNA_G
ClientSampleId :
C0AC0

Manual Integrations APPROVED
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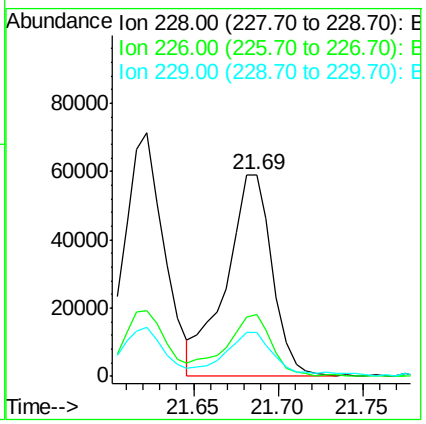
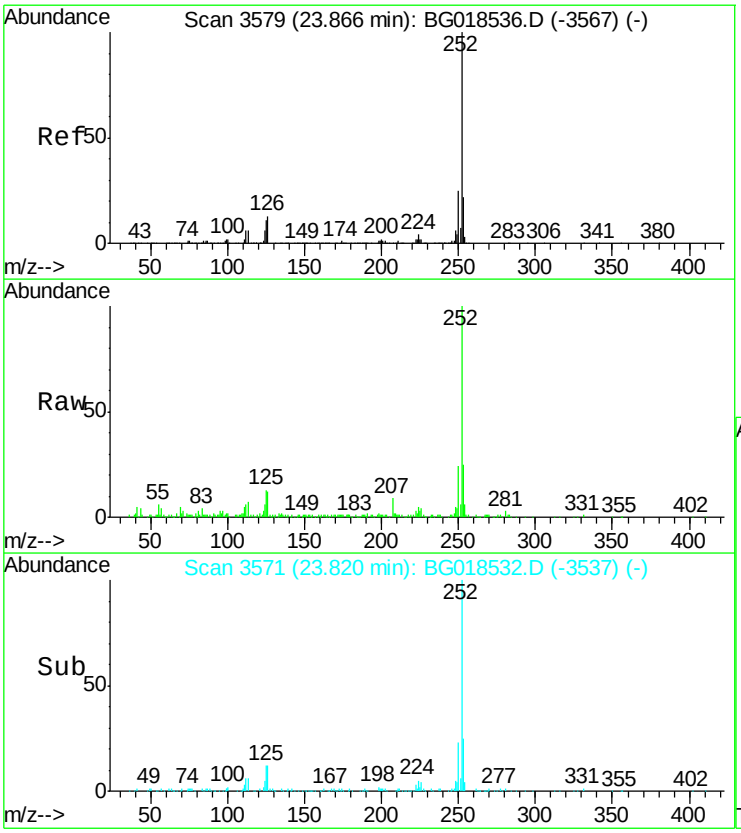
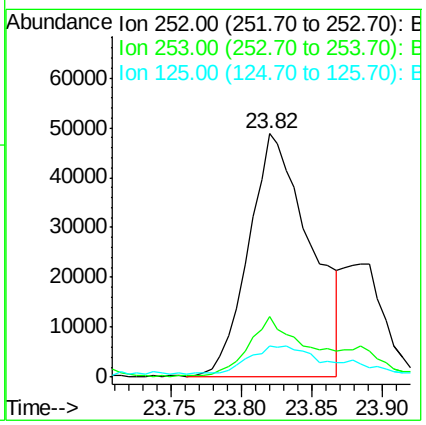


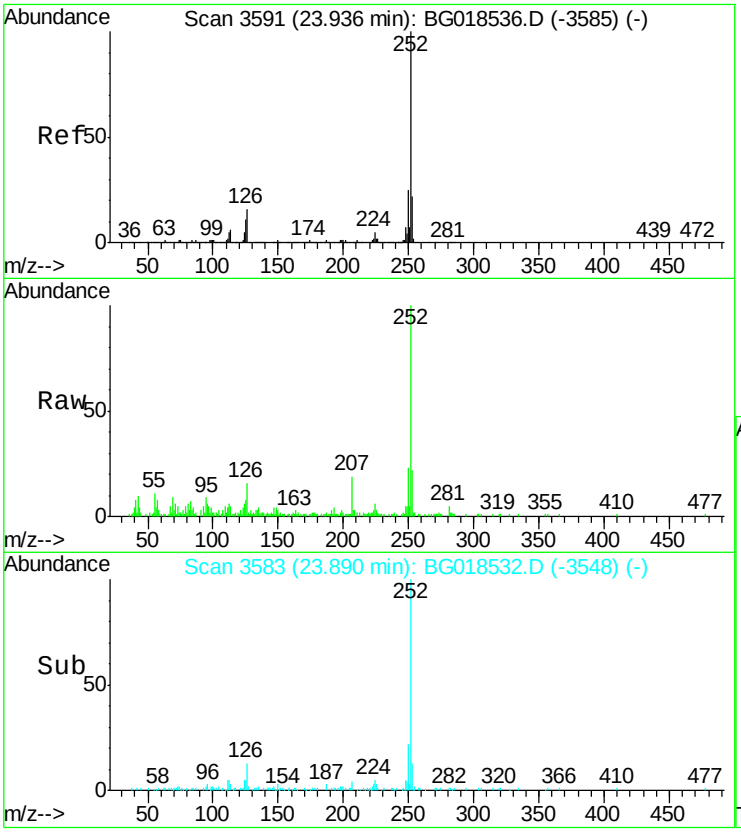


#88
Benzo(b)fluoranthene
Concen: 4.44 ng/ul
RT: 23.82 min Scan# 3571
Delta R.T. -0.00 min
Lab File: BG018532.D
Acq: 29 Aug 2015 3:19

Tgt Ion:252 Resp: 148462

Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.1	27.1
125	12.9	8.3	12.5#





#89
Benzo(k)fluoranthene
Concen: 1.44 ng/ul m
RT: 23.89 min Scan# 3583
Delta R.T. 0.00 min
Lab File: BG018532.D
Acq: 29 Aug 2015 3:19

Tgt Ion:252 Resp: 46449

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	8.4	9.0	13.4#

Instrument :
BNA_G
ClientSampleId :
C0AC0

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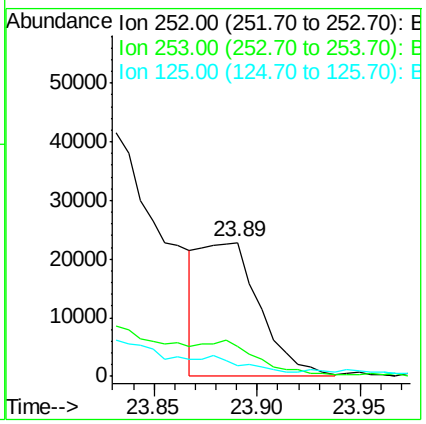
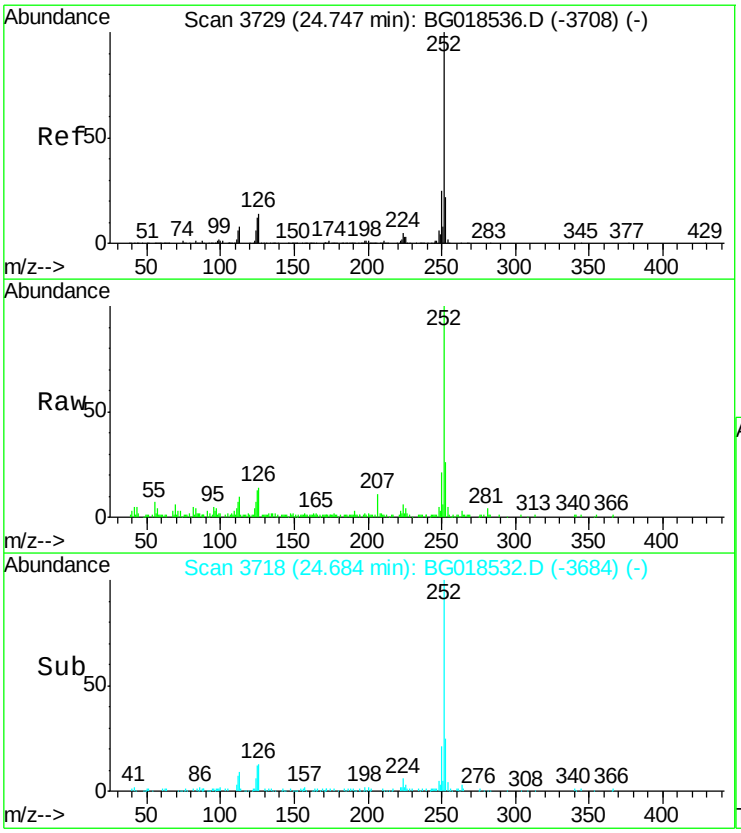
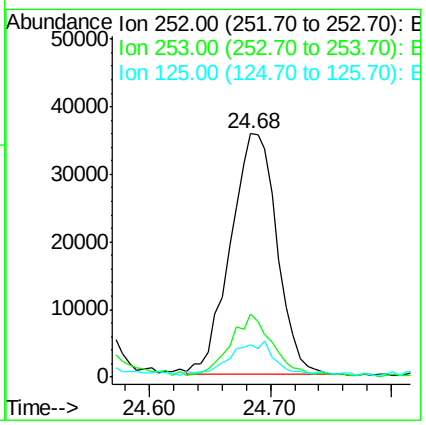


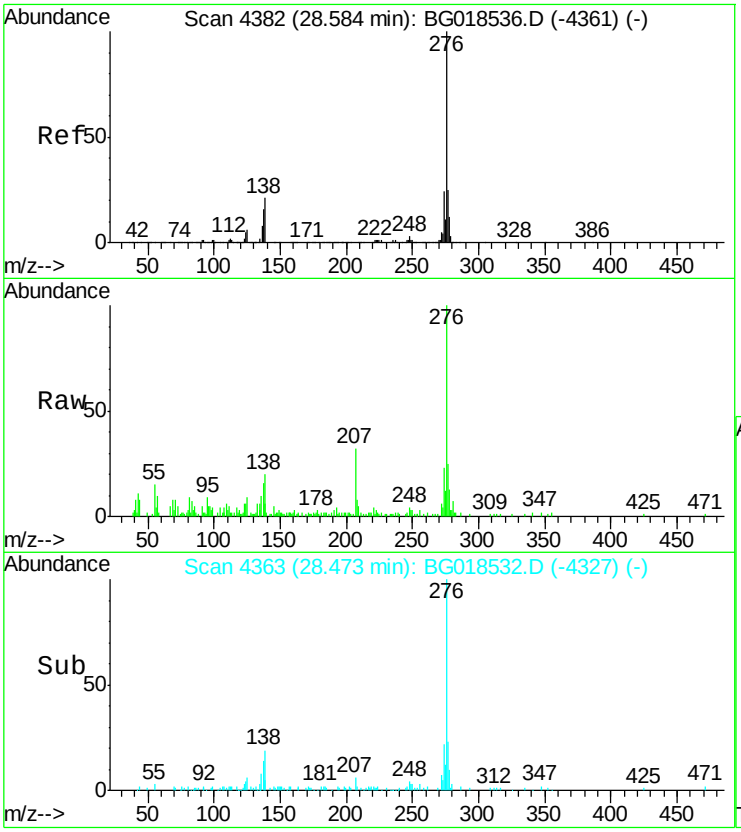


#91
Benzo(a)pyrene
Concen: 3.00 ng/ul
RT: 24.68 min Scan# 3718
Delta R.T. -0.00 min
Lab File: BG018532.D
Acq: 29 Aug 2015 3:19

Tgt Ion:252 Resp: 95302

Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.7	26.5
125	13.3	10.2	15.2





#92
Indeno(1,2,3-cd)pyrene
Concen: 1.75 ng/ul
RT: 28.47 min Scan# 4363
Delta R.T. 0.01 min
Lab File: BG018532.D
Acq: 29 Aug 2015 3:19

Tgt Ion:276 Resp: 64381

Ion	Ratio	Lower	Upper
276	100		
138	26.0	15.8	23.6#
277	25.3	18.9	28.3

Instrument :
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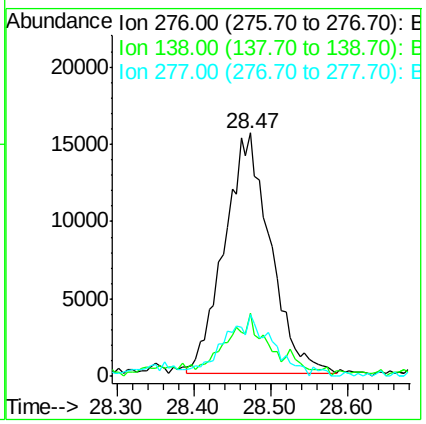

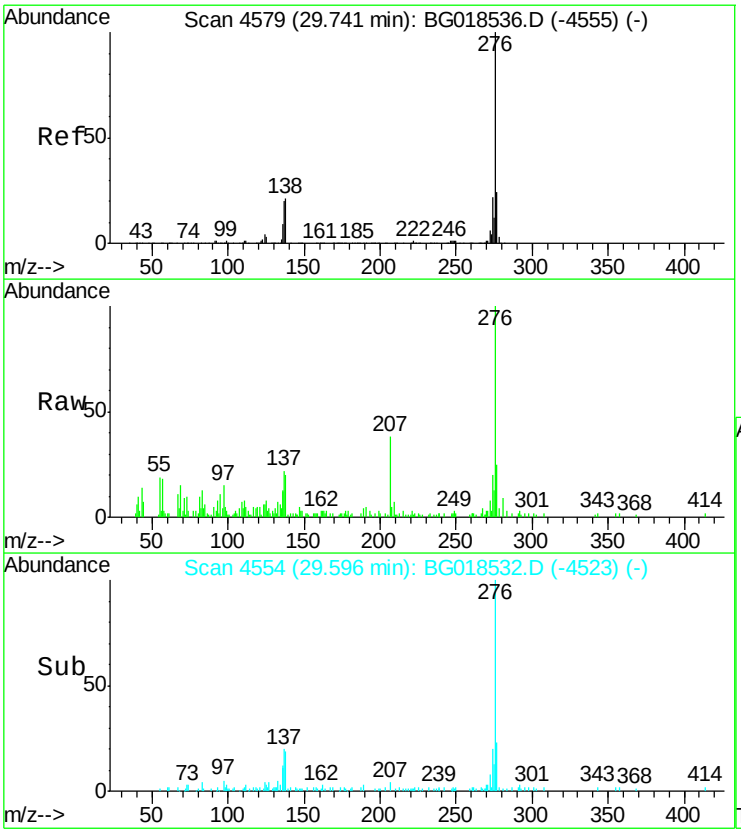

#94
Benzo(g,h,i)perylene
Concen: 1.94 ng/ul m
RT: 29.60 min Scan# 4554
Delta R.T. -0.02 min
Lab File: BG018532.D
Acq: 29 Aug 2015 3:19

Tgt Ion:276 Resp: 59973

Ion	Ratio	Lower	Upper
276	100		
138	19.8	16.5	24.7
277	24.6	19.0	28.6