Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092215\
Data File : BG018842.D
Acq On : 23 Sep 2015 7:19
Operator : UM/NP
Sample : G3758-14
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB5

Manual Integrations APPROVED
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9/23/2015 4:36:55 PM

Quant Time: Sep 23 13:44:43 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 23 07:13:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	63179	20.00	ng/ul	0.00
18) Naphthalene-d8	10.80	136	278316	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.63	164	178359	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.37	188	399814	20.00	ng/ul	0.00
78) Chrysene-d12	21.63	240	420755	20.00	ng/ul	0.00
86) Perylene-d12	24.82	264	434767	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	6305	4.80	ng/uL	0.00
5) Phenol-d5	7.16	99	168055	32.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.32	67	95750	31.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.53	132	136972	34.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	139491	33.14	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	71386	33.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.88	143	78678	37.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	150142	33.63	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	193162	37.19	ng/ul	0.00
44) Dimethylphthalate-d6	14.03	166	467702	32.58	ng/ul	0.00
47) Acenaphthylene-d8	14.32	160	543793	31.97	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	68608	24.91	ng/ul	0.00
58) Fluorene-d10	15.62	176	368891	29.39	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	13665	7.22	ng/ul	0.00
71) Anthracene-d10	17.47	188	529946	30.11	ng/ul	0.00
79) Pyrene-d10	19.76	212	542731	28.04	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.60	264	544093	25.71	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.19	94	7309	1.36	ng/ul	89
45) Dimethylphthalate	14.07	163	212662	15.28	ng/ul#	98
70) Phenanthrene	17.42	178	64020	3.15	ng/ul#	95
77) Fluoranthene	19.42	202	119404	5.30	ng/ul#	94
80) Pyrene	19.79	202	130068	5.26	ng/ul	96
83) Benzo(a)anthracene	21.61	228	66999	2.87	ng/ul	94
85) Chrysene	21.68	228	73546	3.42	ng/ul	97
88) Benzo(b)fluoranthene	23.80	252	54659	2.22	ng/ul#	94
89) Benzo(k)fluoranthene	23.84	252	38788m	1.65	ng/ul	
91) Benzo(a)pyrene	24.67	252	58397	2.50	ng/ul#	90
92) Indeno(1,2,3-cd)pyrene	28.45	276	37284m	1.38	ng/ul	
94) Benzo(g,h,i)perylene	29.57	276	32238m	1.43	ng/ul	

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

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Instrument :
BNA_G
ClientSampleId :
JHAB5

Manual Integrations APPROVED
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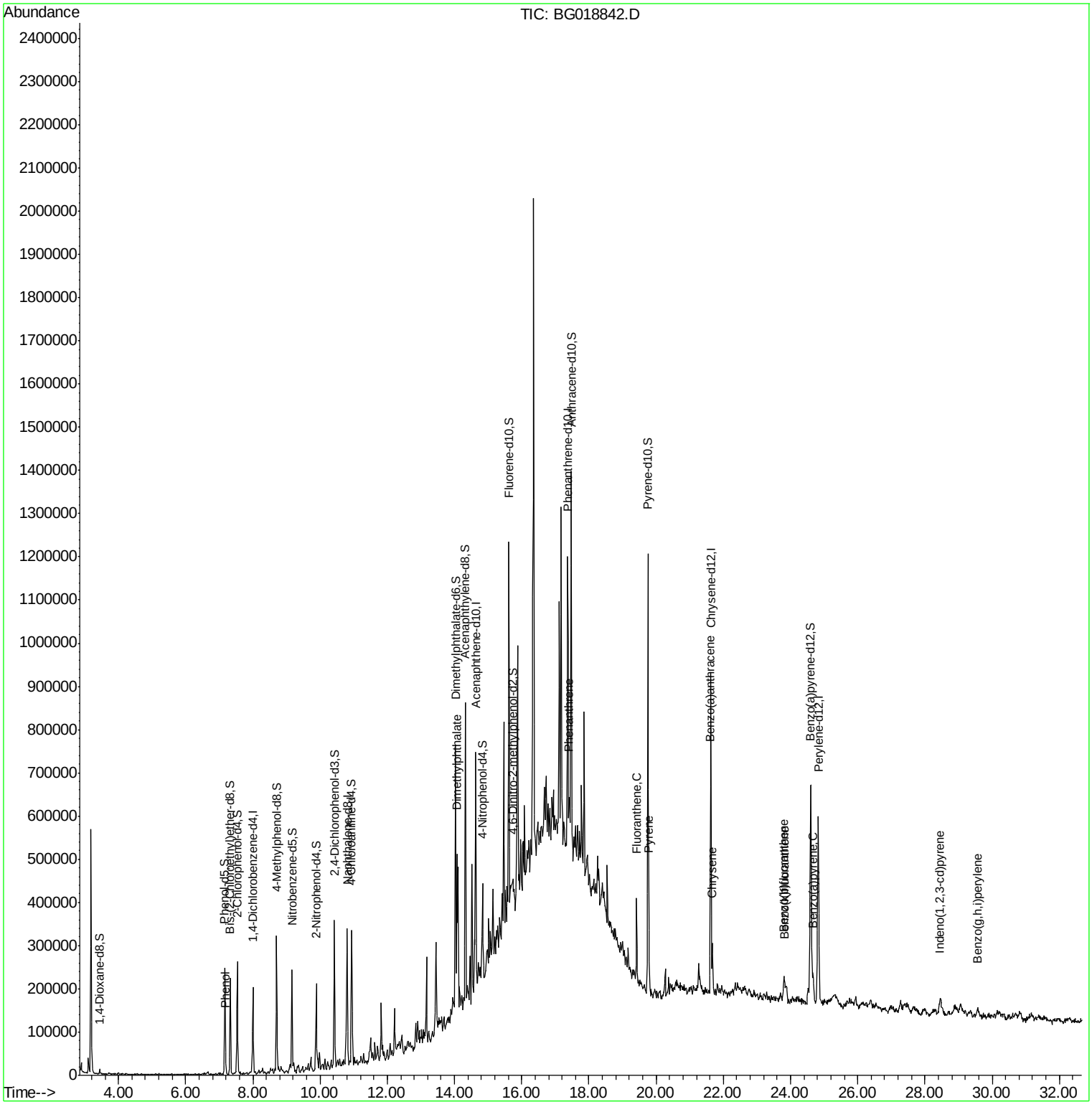
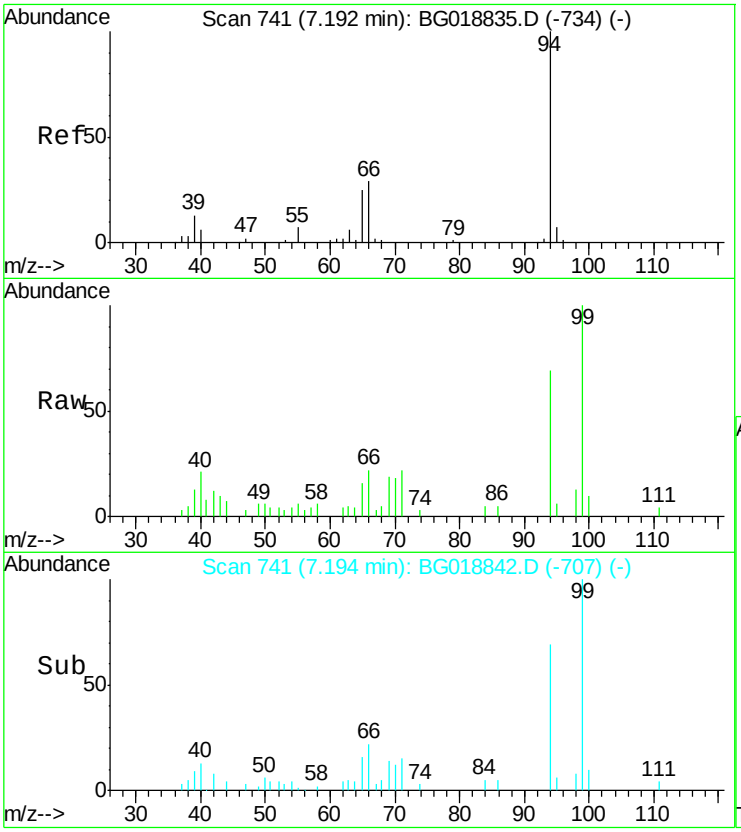
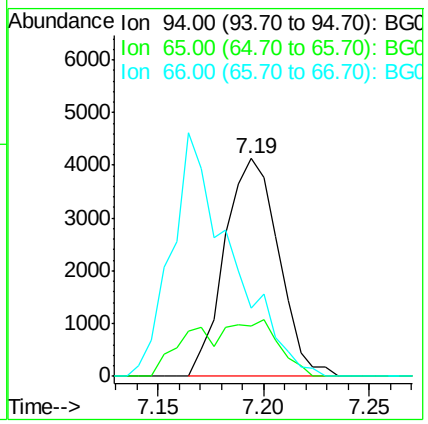




#6
Phenol
Concen: 1.36 ng/ul
RT: 7.19 min Scan# 741
Delta R.T. 0.00 min
Lab File: BG018842.D
Acq: 23 Sep 2015 7:19

Tgt Ion: 94 Resp: 7309

Ion	Ratio	Lower	Upper
94	100		
65	23.1	23.0	34.6
66	31.4	31.0	46.4



Instrument :
BNA_G
ClientSampleId :
JHAB5

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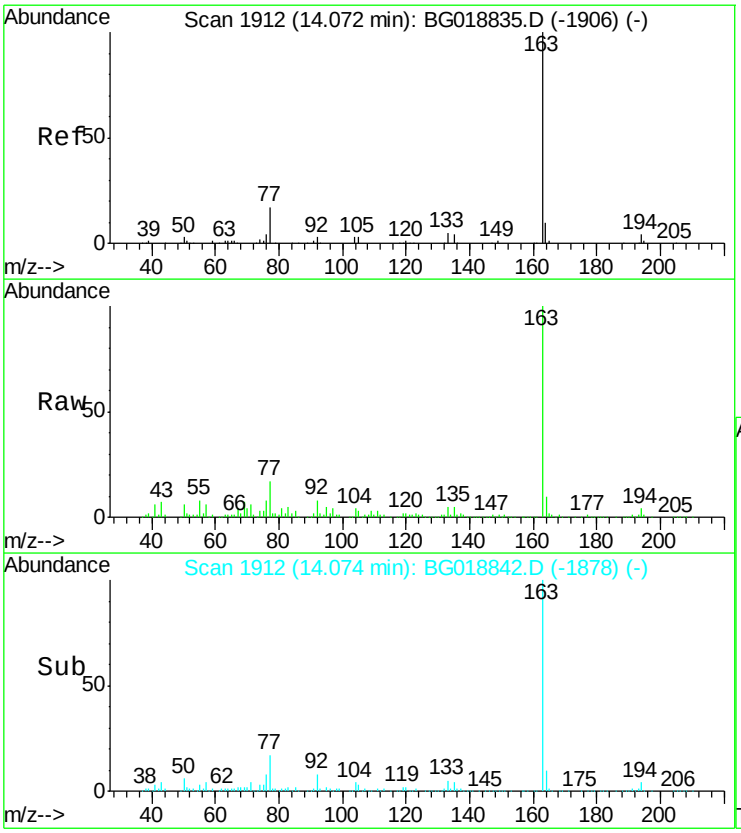
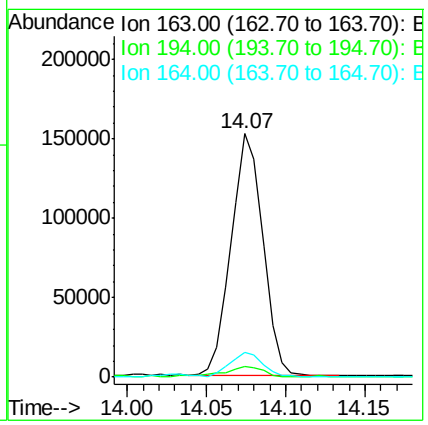
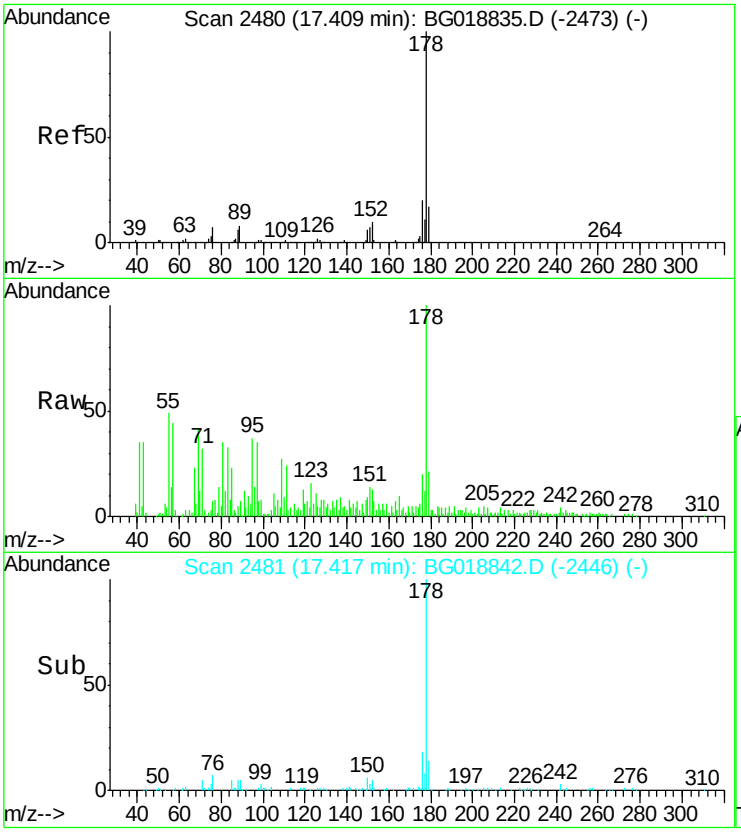


#45
Dimethylphthalate
Concen: 15.28 ng/ul
RT: 14.07 min Scan# 1912
Delta R.T. 0.00 min
Lab File: BG018842.D
Acq: 23 Sep 2015 7:19

Tgt Ion:163 Resp: 212662

Ion	Ratio	Lower	Upper
163	100		
194	4.4	2.9	4.3#
164	10.2	7.7	11.5

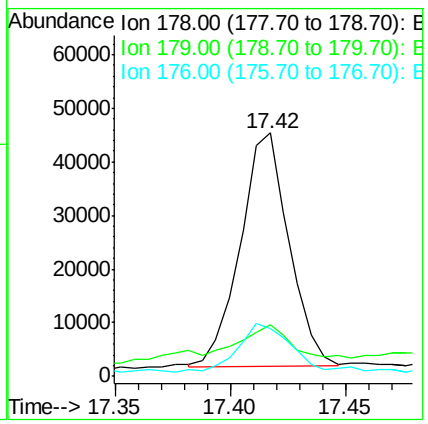




#70
Phenanthrene
Concen: 3.15 ng/ul
RT: 17.42 min Scan# 2481
Delta R.T. 0.01 min
Lab File: BG018842.D
Acq: 23 Sep 2015 7:19

Tgt Ion:178 Resp: 64020

Ion	Ratio	Lower	Upper
178	100		
179	21.1	13.7	20.5#
176	19.6	16.6	24.8



Instrument :
BNA_G
ClientSampleId :
JHAB5

Manual Integrations APPROVED
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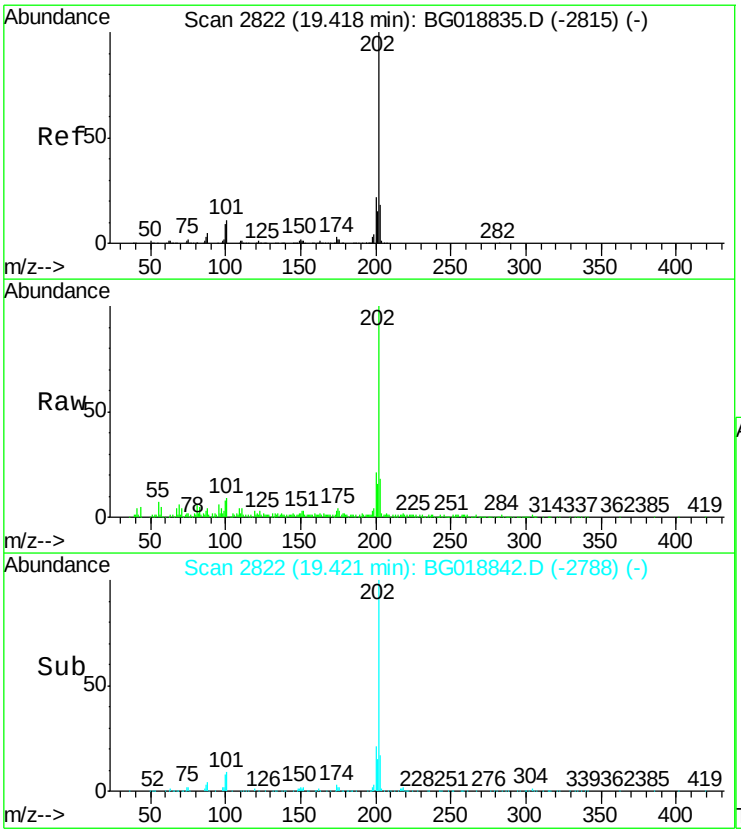
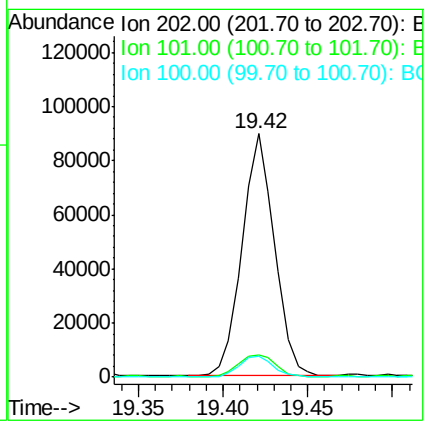
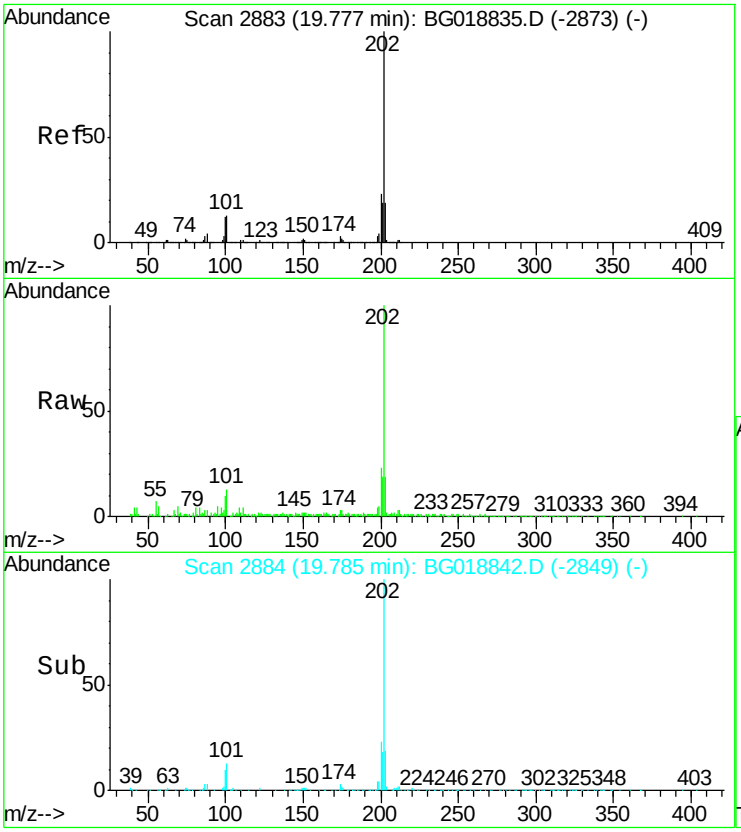


#77
Fluoranthene
Concen: 5.30 ng/ul
RT: 19.42 min Scan# 2822
Delta R.T. 0.00 min
Lab File: BG018842.D
Acq: 23 Sep 2015 7:19

Tgt Ion:202 Resp: 119404

Ion	Ratio	Lower	Upper
202	100		
101	9.0	9.7	14.5#
100	8.4	7.8	11.8

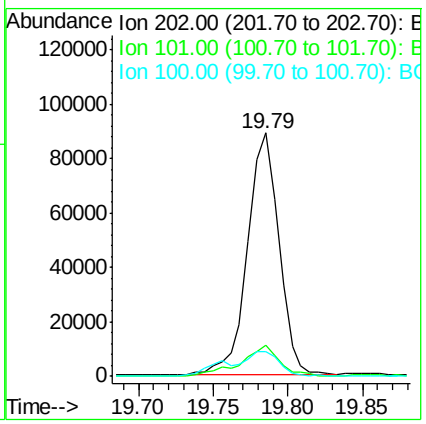




#80
Pyrene
Concen: 5.26 ng/ul
RT: 19.79 min Scan# 2884
Delta R.T. 0.01 min
Lab File: BG018842.D
Acq: 23 Sep 2015 7:19

Tgt Ion:202 Resp: 130068

Ion	Ratio	Lower	Upper
202	100		
101	12.7	11.0	16.4
100	10.0	9.8	14.6



Instrument :
BNA_G
ClientSampleId :
JHAB5

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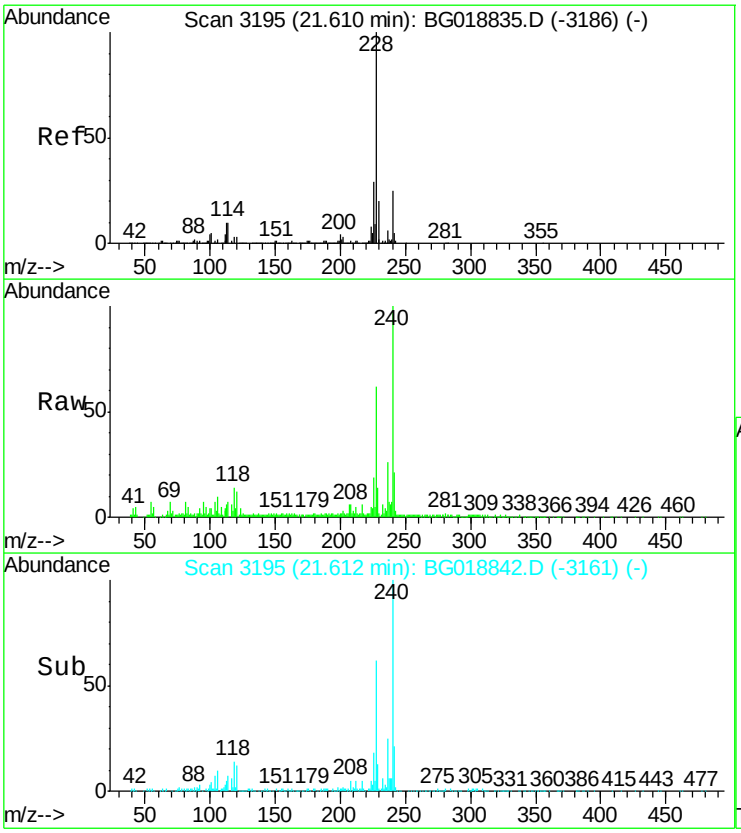
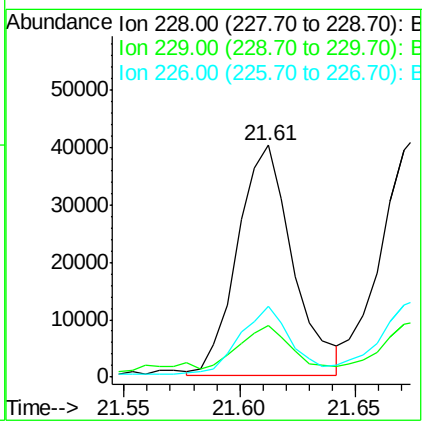
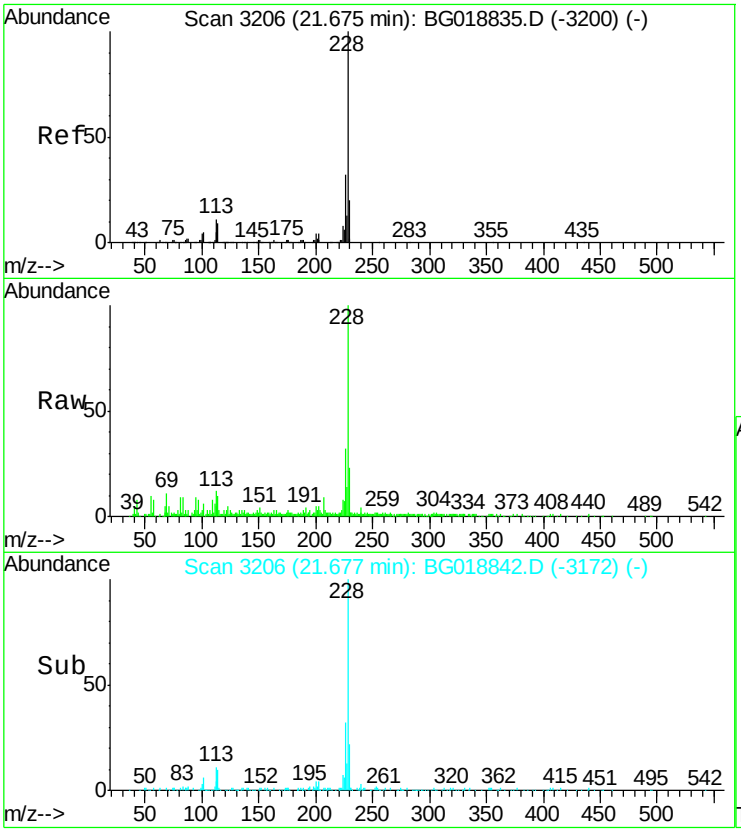


#83
Benzo(a)anthracene
Concen: 2.87 ng/ul
RT: 21.61 min Scan# 3195
Delta R.T. 0.00 min
Lab File: BG018842.D
Acq: 23 Sep 2015 7:19

Tgt Ion:228 Resp: 66999

Ion	Ratio	Lower	Upper
228	100		
229	22.0	15.5	23.3
226	30.5	22.1	33.1





#85
Chrysene
Concen: 3.42 ng/ul
RT: 21.68 min Scan# 3206
Delta R.T. 0.00 min
Lab File: BG018842.D
Acq: 23 Sep 2015 7:19

Tgt Ion:228 Resp: 73546

Ion	Ratio	Lower	Upper
228	100		
226	31.9	26.5	39.7
229	22.8	16.9	25.3

Instrument :
BNA_G
ClientSampleId :
JHAB5

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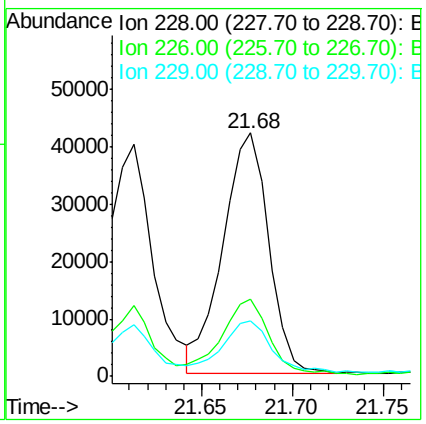
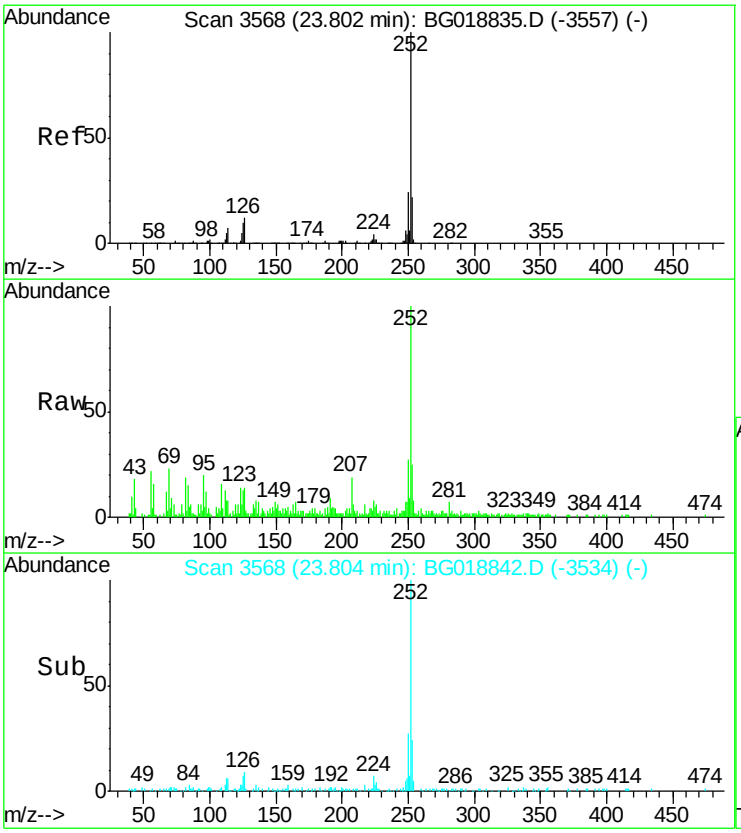
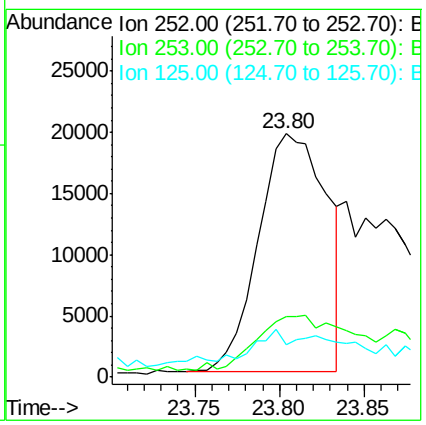


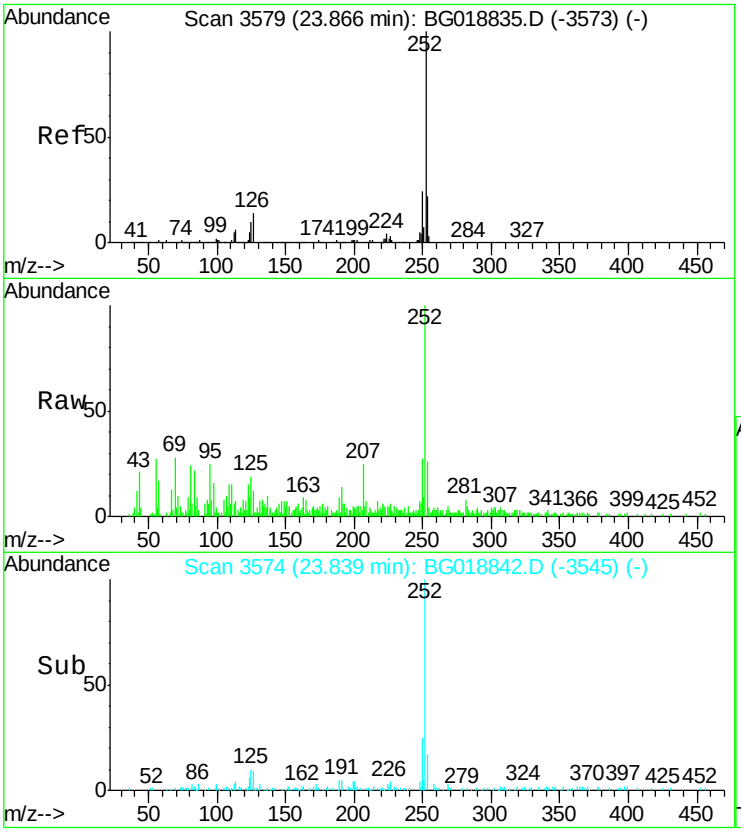


#88
Benzo(b)fluoranthene
Concen: 2.22 ng/ul
RT: 23.80 min Scan# 3568
Delta R.T. 0.00 min
Lab File: BG018842.D
Acq: 23 Sep 2015 7:19

Tgt Ion:252 Resp: 54659

Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.1	27.1
125	13.5	8.3	12.5#

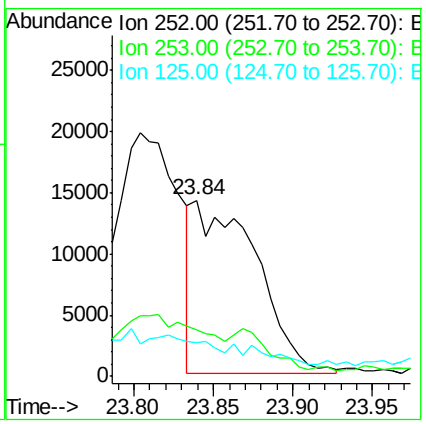




#89
Benzo(k)fluoranthene
Concen: 1.65 ng/ul m
RT: 23.84 min Scan# 3574
Delta R.T. -0.03 min
Lab File: BG018842.D
Acq: 23 Sep 2015 7:19

Tgt Ion:252 Resp: 38788

Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.8	26.6
125	19.0	9.0	13.4#



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Manual Integrations APPROVED
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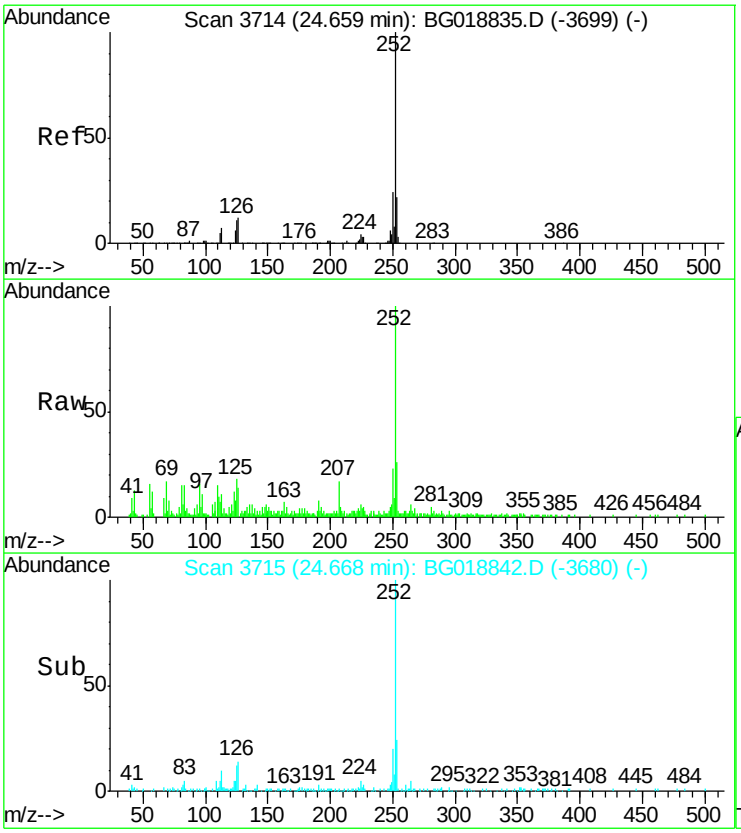
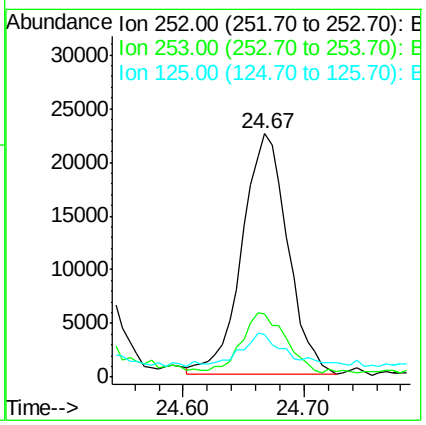
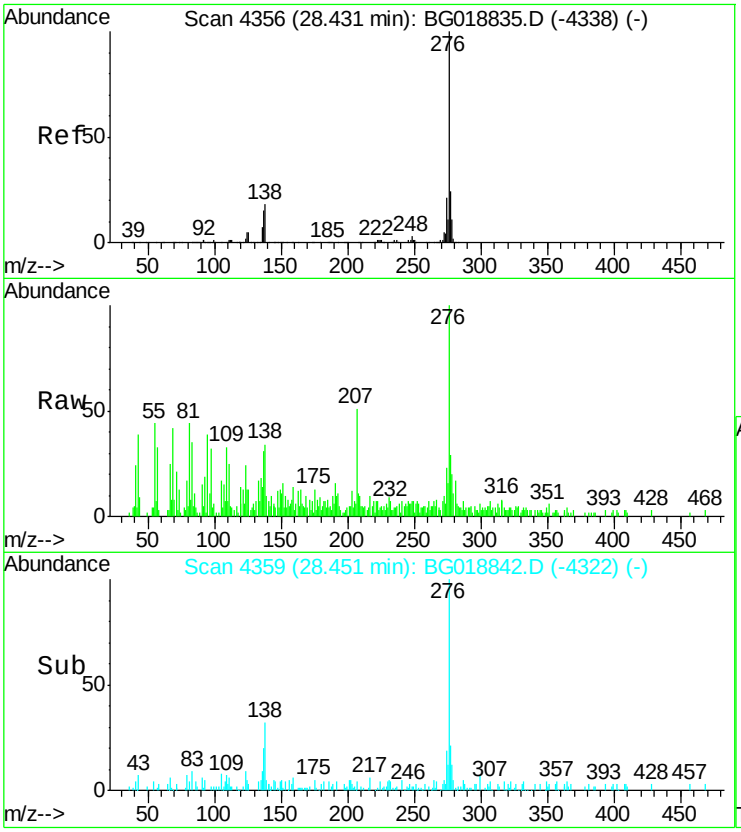


#91
Benzo(a)pyrene
Concen: 2.50 ng/ul
RT: 24.67 min Scan# 3715
Delta R.T. 0.01 min
Lab File: BG018842.D
Acq: 23 Sep 2015 7:19

Tgt Ion:252 Resp: 58397

Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.7	26.5
125	17.6	10.2	15.2#

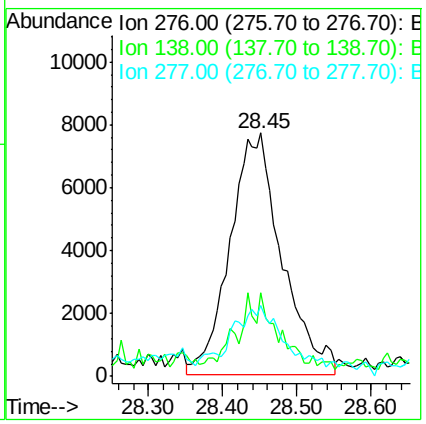




#92
Indeno(1,2,3-cd)pyrene
Concen: 1.38 ng/ul m
RT: 28.45 min Scan# 4359
Delta R.T. 0.02 min
Lab File: BG018842.D
Acq: 23 Sep 2015 7:19

Tgt Ion:276 Resp: 37284

Ion	Ratio	Lower	Upper
276	100		
138	34.2	15.8	23.6#
277	28.9	18.9	28.3#



Instrument :
BNA_G
ClientSampleId :
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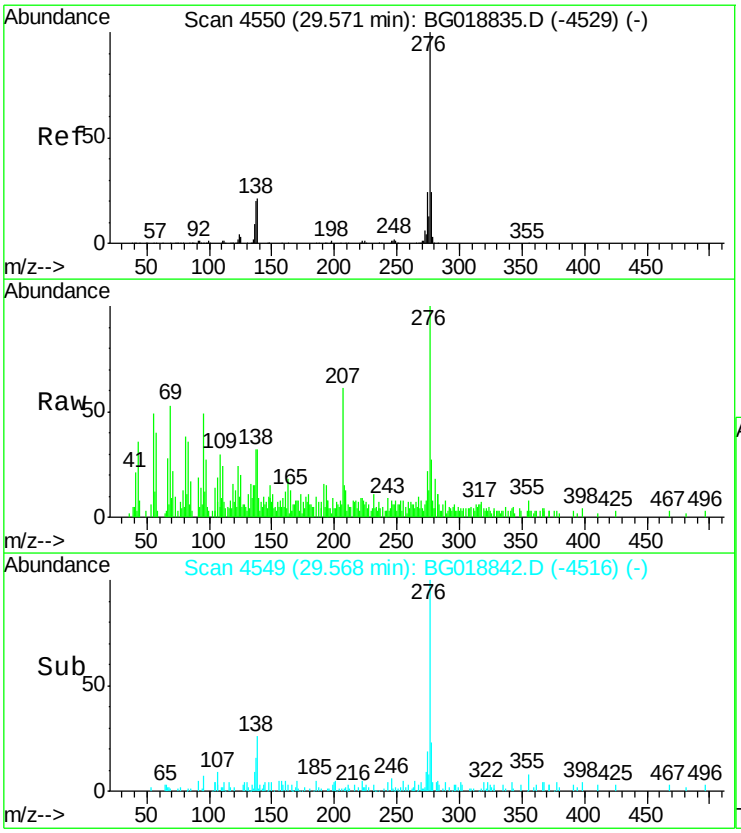

#94
Benzo(g,h,i)perylene
Concen: 1.43 ng/ul m
RT: 29.57 min Scan# 4549
Delta R.T. -0.00 min
Lab File: BG018842.D
Acq: 23 Sep 2015 7:19

Tgt Ion:276 Resp: 32238

Ion	Ratio	Lower	Upper
276	100		
138	31.5	16.5	24.7#
277	26.7	19.0	28.6