Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052216\
Data File : BG022015.D
Acq On : 22 May 2016 16:42
Operator : UM/SJ
Sample : H3204-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XH1MSD

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Quant Time: May 24 09:30:02 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 20 08:11:42 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	40424	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	204096	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.78	164	110839	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	215150	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	195390	20.00	ng/ul	0.00
34) Perylene-d12	25.14	264	181101	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.54	96	2125m	2.41	ng/uL	0.00
3) Phenol-d5	7.31	99	98595	27.62	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.47	67	53925	28.37	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	85020	29.01	ng/ul	0.00
6) 4-Methylphenol-d8	8.86	113	80769	25.40	ng/ul	0.00
8) Nitrobenzene-d5	9.33	128	42989	30.02	ng/ul	0.00
9) 2-Nitrophenol-d4	10.05	143	45230	29.60	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.59	165	78897	29.22	ng/ul	0.00
12) 4-Chloroaniline-d4	11.12	131	63156	29.69	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	242941	28.43	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	334069	30.35	ng/ul	0.00
20) 4-Nitrophenol-d4	14.98	143	34431	22.90	ng/ul	0.00
21) Fluorene-d10	15.77	176	217306	28.25	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.89	200	24239	22.70	ng/ul	0.00
26) Anthracene-d10	17.63	188	292717	29.53	ng/ul	0.00
30) Pyrene-d10	19.91	212	308630	29.94	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.91	264	248816	30.94	ng/ul	0.00
Target Compounds						Qvalue
11) Naphthalene	11.03	128	11770	1.19	ng/ul#	96
13) 2-Methylnaphthalene	12.63	142	8012	1.11	ng/ul	91
19) Acenaphthene	14.85	153	226668	28.80	ng/ul	98
25) Phenanthrene	17.57	178	34572	3.01	ng/ul	97
28) Fluoranthene	19.57	202	61158	5.12	ng/ul#	91
31) Pyrene	19.94	202	427946m	31.80	ng/ul	
32) Benzo(a)anthracene	21.79	228	30530	2.82	ng/ul	97
33) Chrysene	21.86	228	39067	3.70	ng/ul	98
35) Benzo(b)fluoranthene	24.08	252	52054	5.00	ng/ul#	94
36) Benzo(k)fluoranthene	24.14	252	14922m	1.46	ng/ul	
38) Benzo(a)pyrene	24.98	252	32153	3.23	ng/ul#	90
39) Indeno(1,2,3-cd)pyrene	28.95	276	25918m	2.29	ng/ul	
41) Benzo(g,h,i)perylene	30.14	276	18946m	1.98	ng/ul	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052216\
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Acq On : 22 May 2016 16:42
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Sample : H3204-03MSD
Misc :
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Quant Time: May 24 09:30:02 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 20 08:11:42 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
D9XH1MSD

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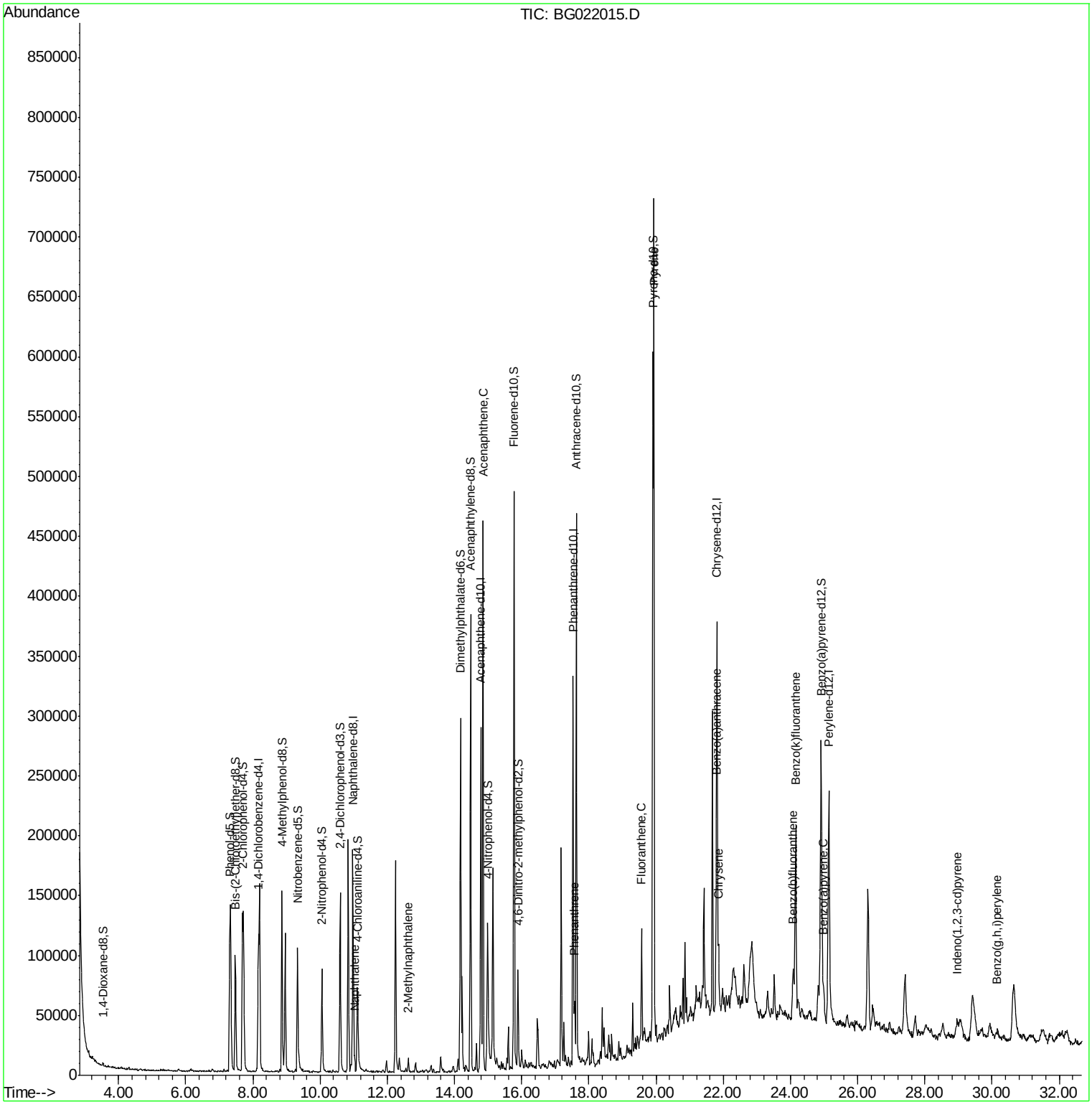

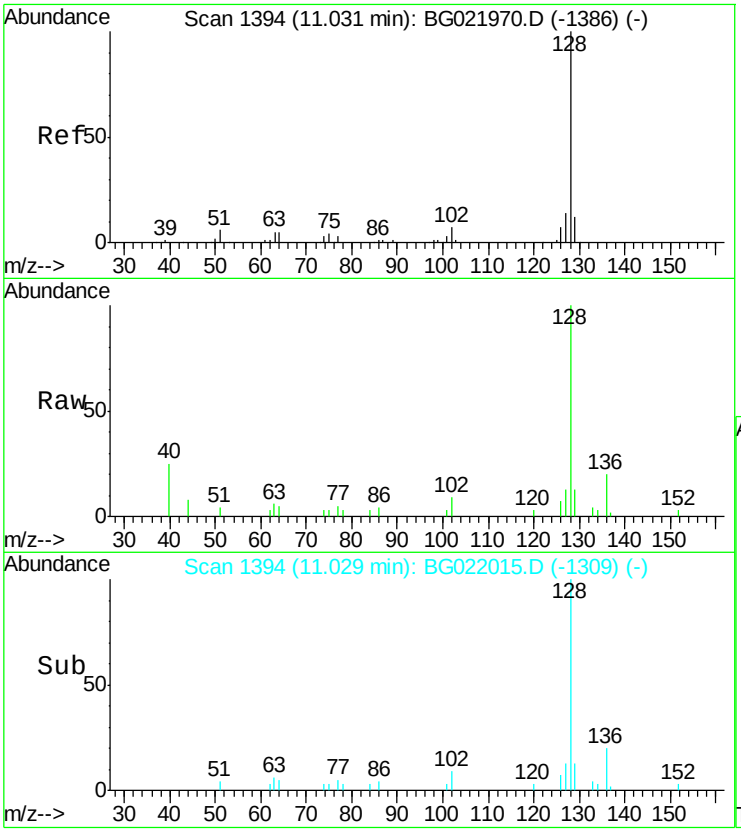

#11
Naphthalene
Concen: 1.19 ng/ul
RT: 11.03 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BG022015.D
Acq: 22 May 2016 16:42

Tgt Ion:128 Resp: 11770

Ion	Ratio	Lower	Upper
128	100		
129	13.4	8.3	12.5#
127	13.1	10.8	16.2

Instrument :
BNA_G
ClientSampleId :
D9XH1MSD

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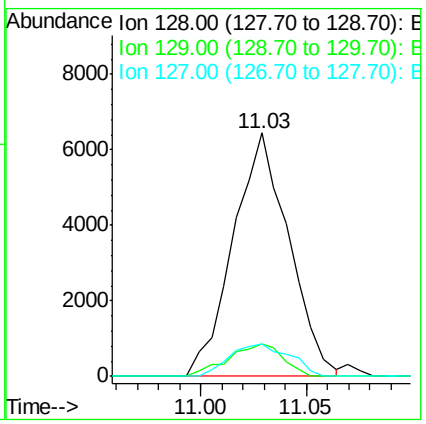
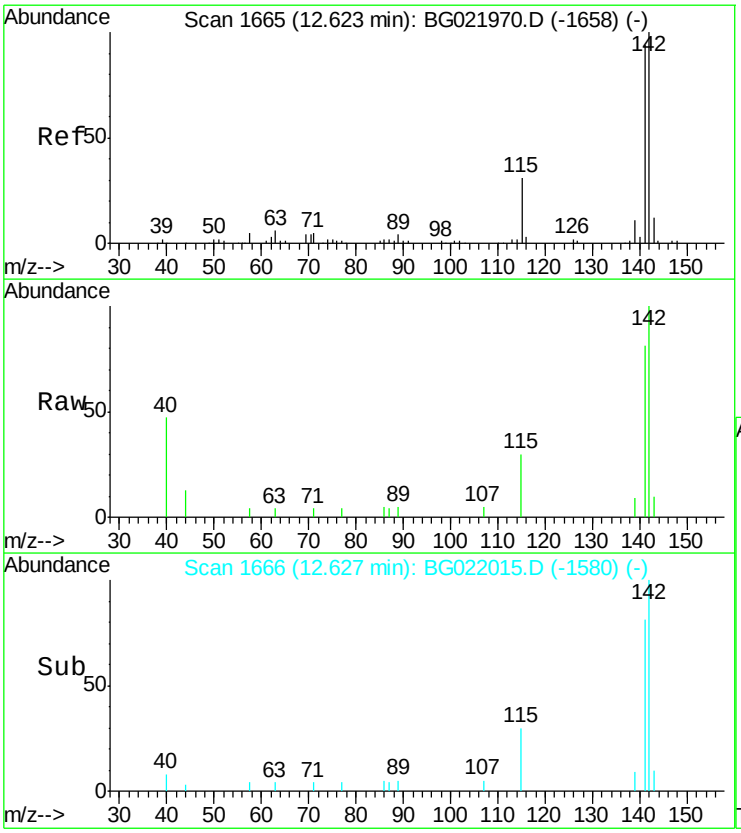
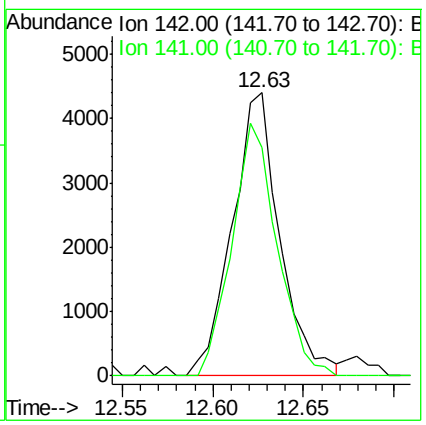


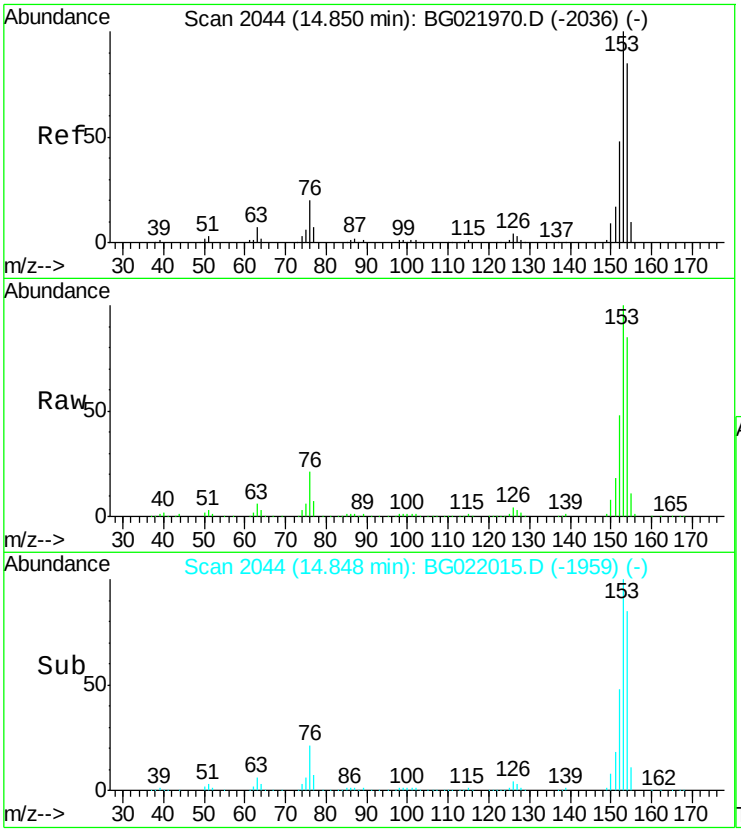


#13
2-Methylnaphthalene
Concen: 1.11 ng/ul
RT: 12.63 min Scan# 1666
Delta R.T. 0.00 min
Lab File: BG022015.D
Acq: 22 May 2016 16:42

Tgt Ion:142 Resp: 8012

Ion	Ratio	Lower	Upper
142	100		
141	80.8	71.3	106.9

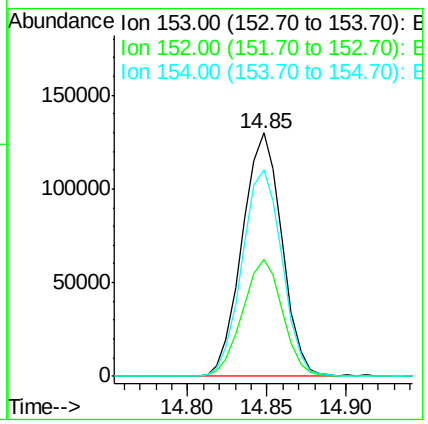




#19
Acenaphthene
Concen: 28.80 ng/ul
RT: 14.85 min Scan# 2044
Delta R.T. -0.00 min
Lab File: BG022015.D
Acq: 22 May 2016 16:42

Tgt Ion:153 Resp: 226668

Ion	Ratio	Lower	Upper
153	100		
152	48.1	36.5	54.7
154	85.0	67.3	100.9



Instrument :
BNA_G
ClientSampleId :
D9XH1MSD

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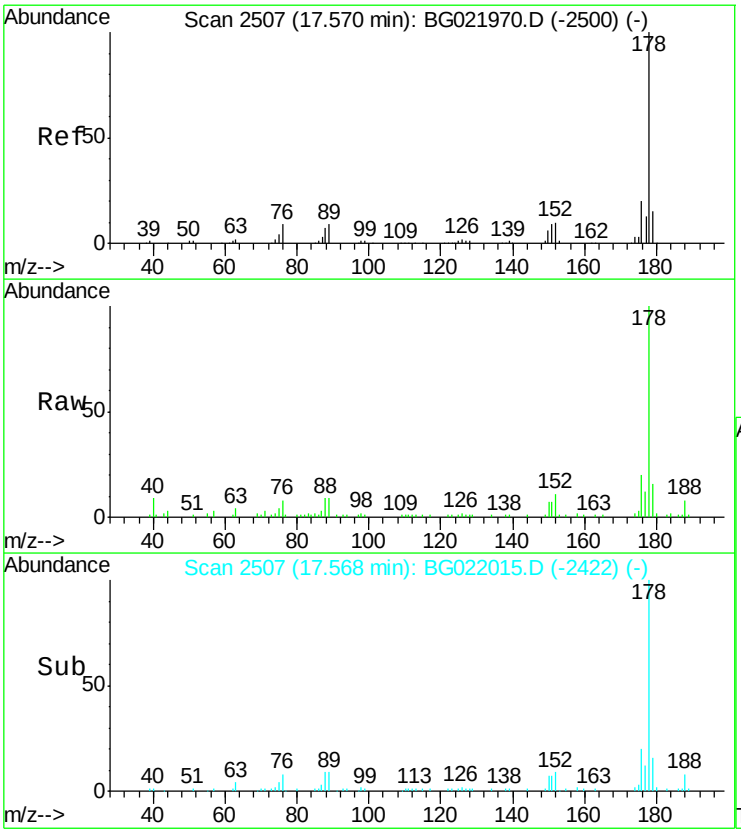
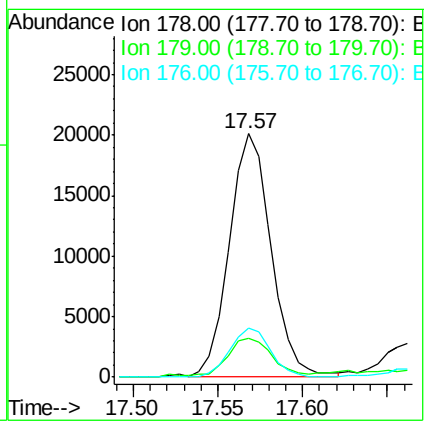
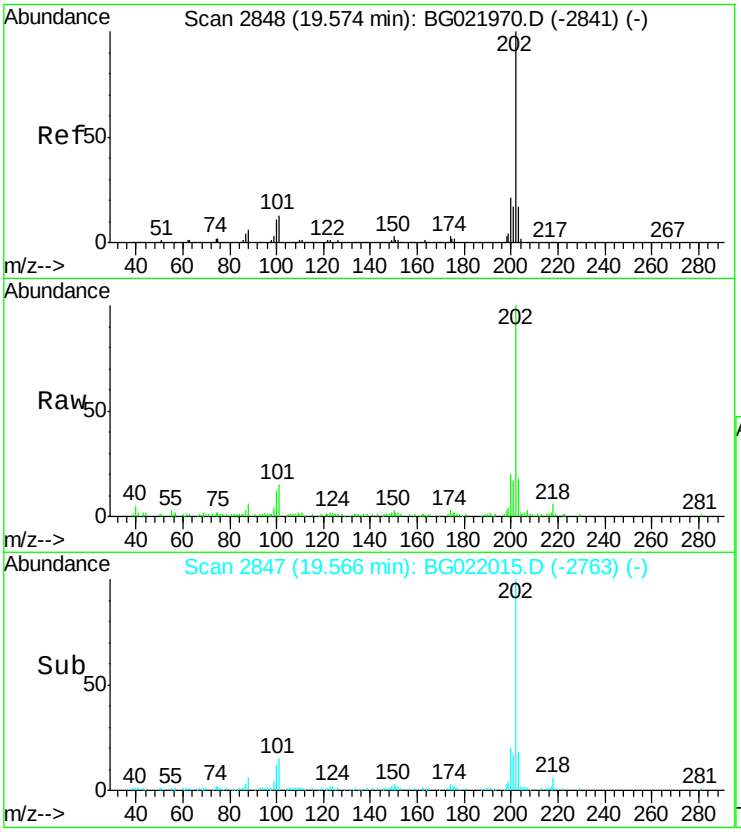


#25
Phenanthrene
Concen: 3.01 ng/ul
RT: 17.57 min Scan# 2507
Delta R.T. -0.00 min
Lab File: BG022015.D
Acq: 22 May 2016 16:42

Tgt Ion:178 Resp: 34572

Ion	Ratio	Lower	Upper
178	100		
179	15.9	11.8	17.8
176	20.3	14.8	22.2

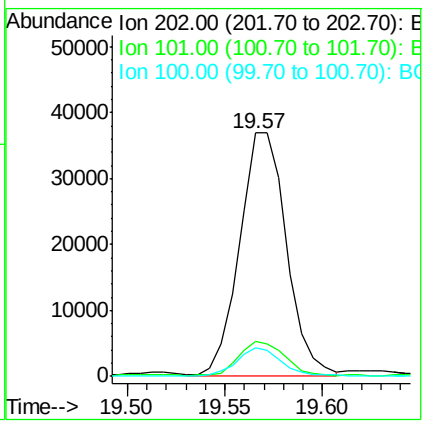




#28
Fluoranthene
Concen: 5.12 ng/ul
RT: 19.57 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BG022015.D
Acq: 22 May 2016 16:42

Tgt Ion:202 Resp: 61158

Ion	Ratio	Lower	Upper
202	100		
101	14.6	8.9	13.3#
100	11.7	7.0	10.4#



Instrument :
BNA_G
ClientSampleId :
D9XH1MSD

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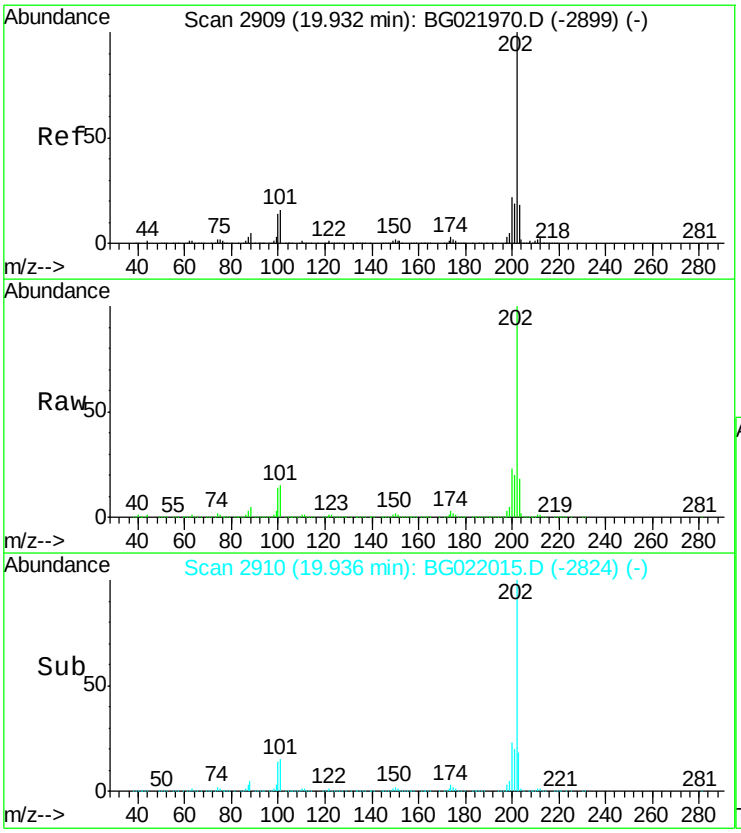
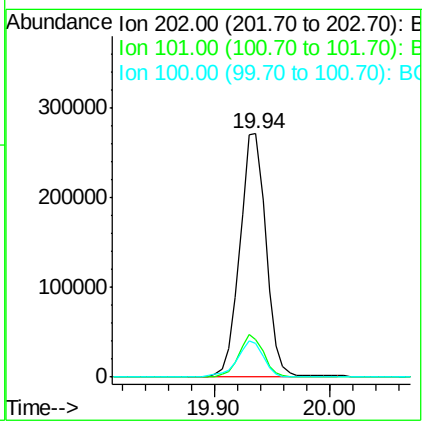
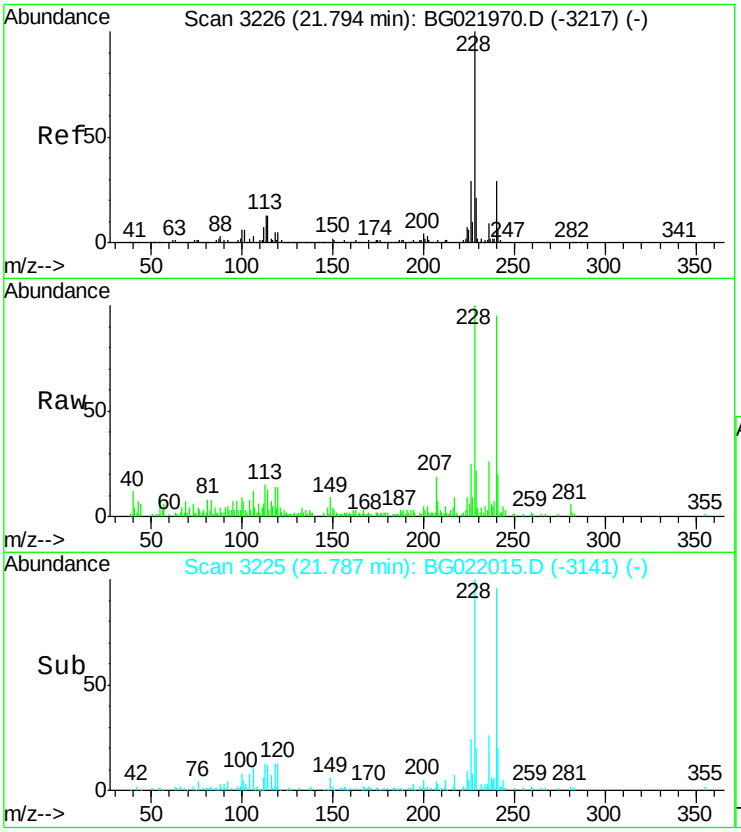


#31
Pyrene
Concen: 31.80 ng/ul m
RT: 19.94 min Scan# 2910
Delta R.T. 0.00 min
Lab File: BG022015.D
Acq: 22 May 2016 16:42

Tgt Ion:202 Resp: 427946

Ion	Ratio	Lower	Upper
202	100		
101	15.3	9.8	14.8#
100	13.8	9.3	13.9

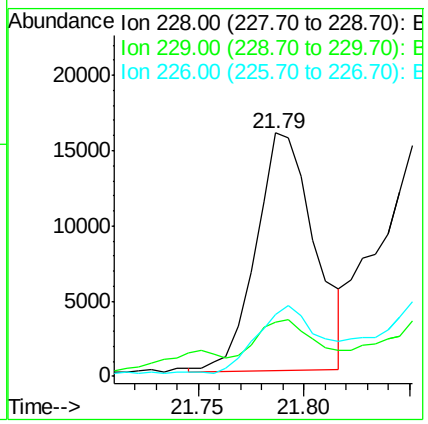




#32
Benzo(a)anthracene
Concen: 2.82 ng/ul
RT: 21.79 min Scan# 3225
Delta R.T. -0.01 min
Lab File: BG022015.D
Acq: 22 May 2016 16:42

Tgt Ion:228 Resp: 30530

Ion	Ratio	Lower	Upper
228	100		
229	22.5	16.6	25.0
226	25.2	21.0	31.4



Instrument :
BNA_G
ClientSampleId :
D9XH1MSD

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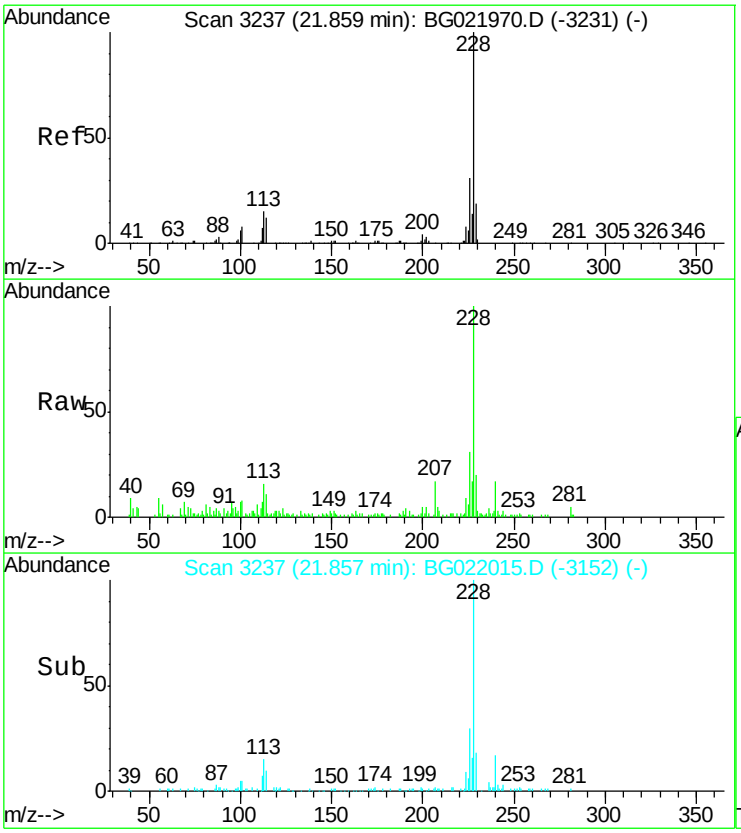
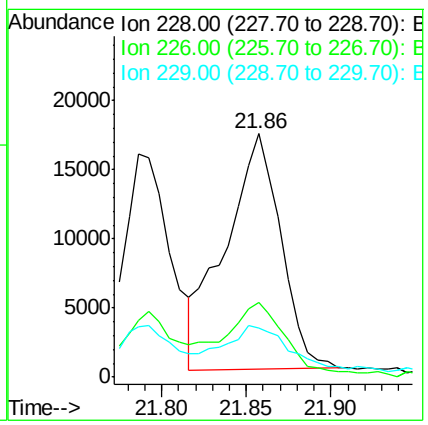
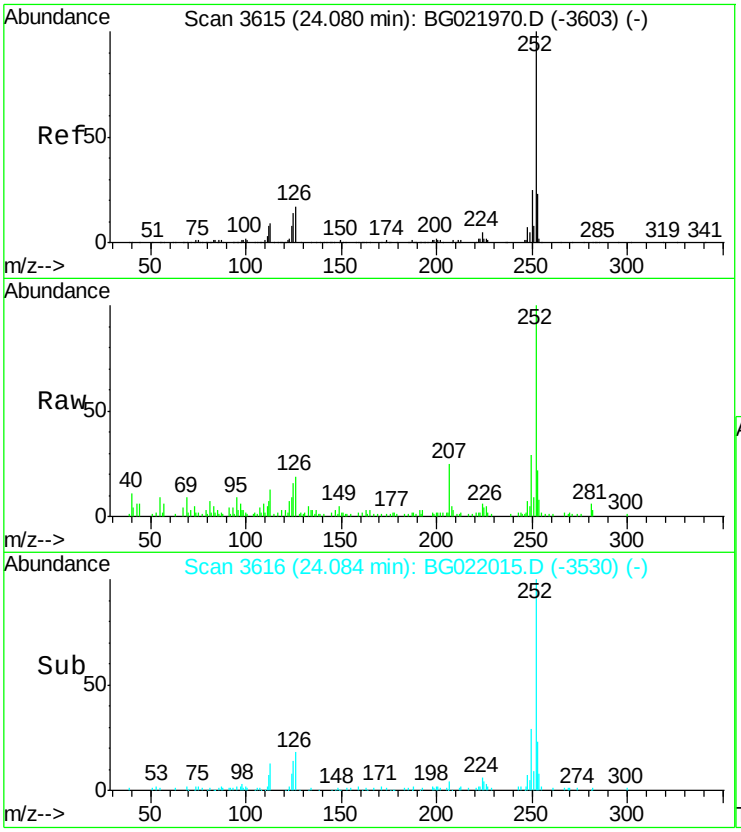


#33
Chrysene
Concen: 3.70 ng/ul
RT: 21.86 min Scan# 3237
Delta R.T. -0.00 min
Lab File: BG022015.D
Acq: 22 May 2016 16:42

Tgt Ion:228 Resp: 39067

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.4	35.2
229	20.1	16.2	24.2





#35
Benzo(b)fluoranthene
Concen: 5.00 ng/ul
RT: 24.08 min Scan# 3616
Delta R.T. 0.00 min
Lab File: BG022015.D
Acq: 22 May 2016 16:42

Tgt Ion:252 Resp: 52054

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	16.1	7.6	11.4#

Instrument :
BNA_G
ClientSampleId :
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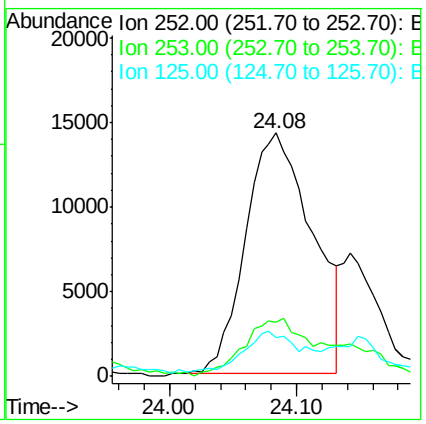
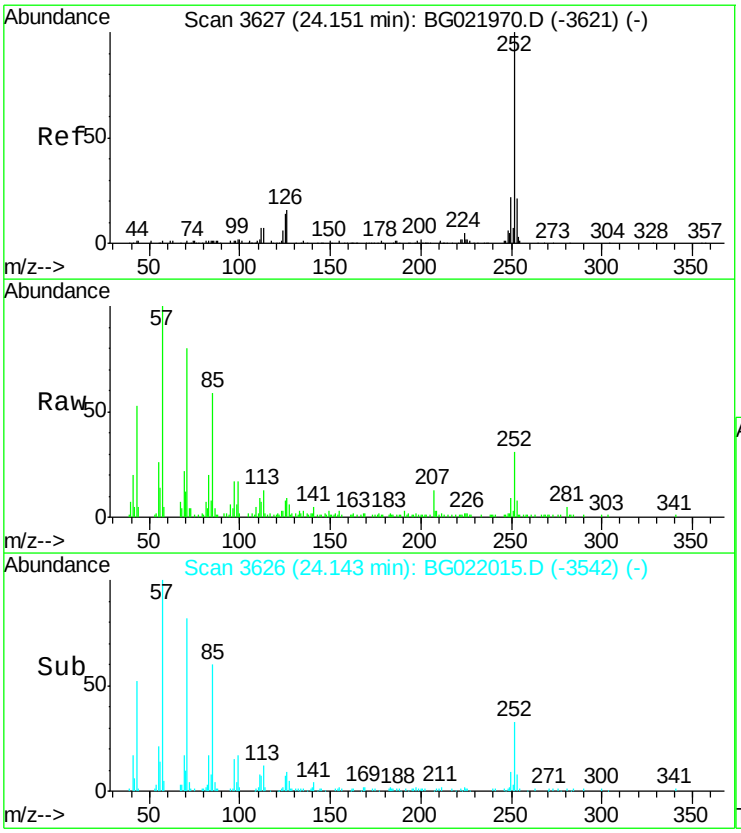
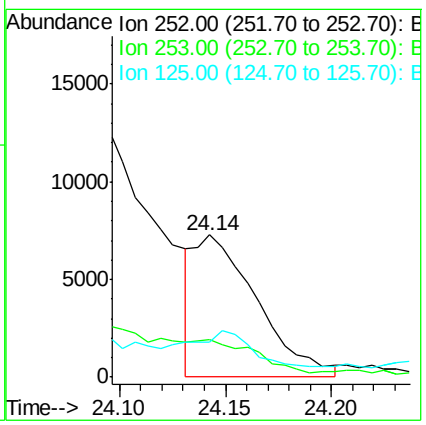


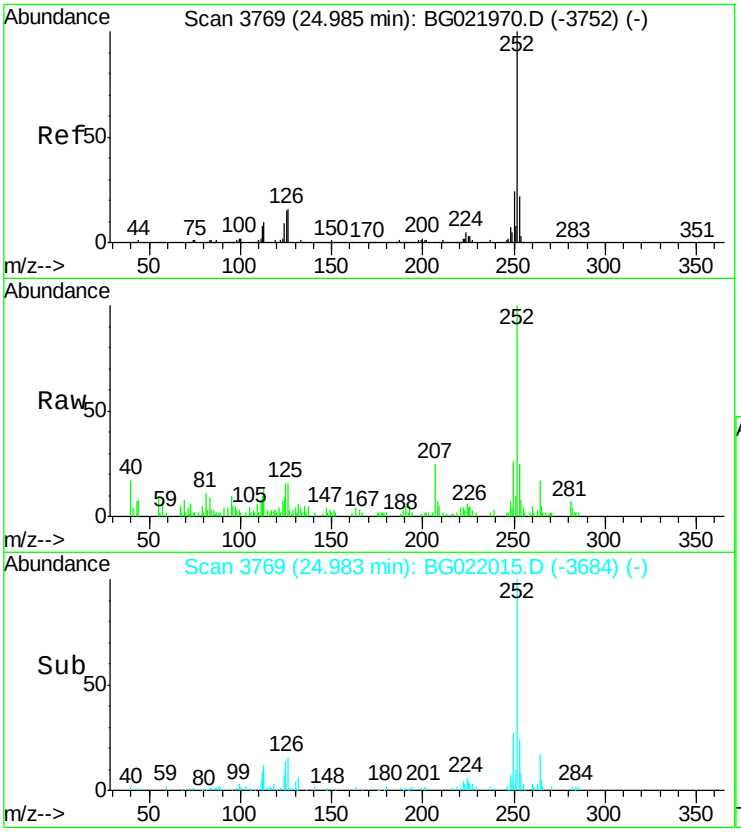


#36
Benzo(k)fluoranthene
Concen: 1.46 ng/ul m
RT: 24.14 min Scan# 3626
Delta R.T. -0.01 min
Lab File: BG022015.D
Acq: 22 May 2016 16:42

Tgt Ion:252 Resp: 14922

Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.8	26.8
125	24.3	7.7	11.5#

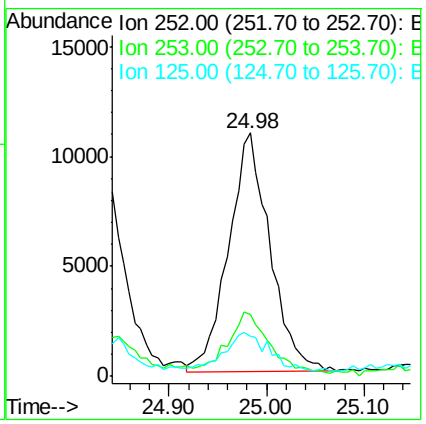




#38
Benzo(a)pyrene
Concen: 3.23 ng/ul
RT: 24.98 min Scan# 3769
Delta R.T. -0.00 min
Lab File: BG022015.D
Acq: 22 May 2016 16:42

Tgt Ion:252 Resp: 32153

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.4	26.0
125	16.2	8.2	12.2#



Instrument :
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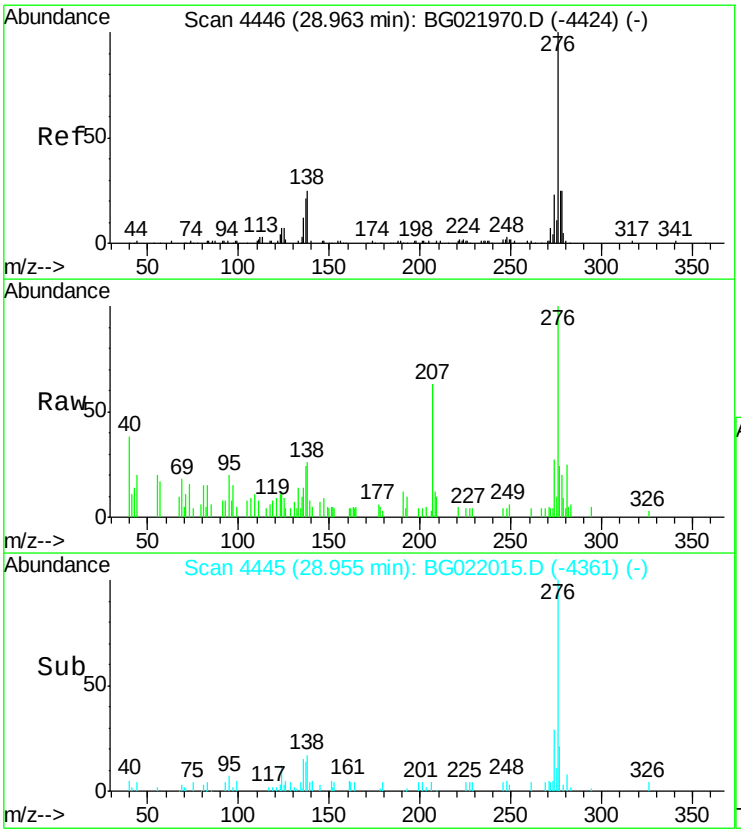
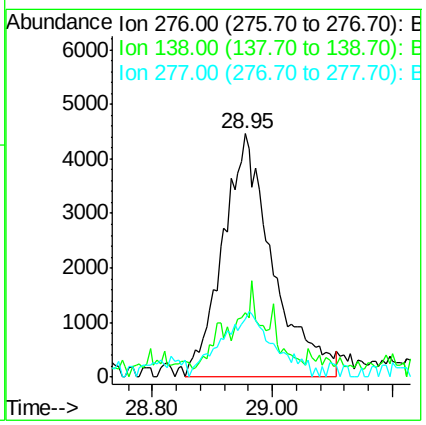
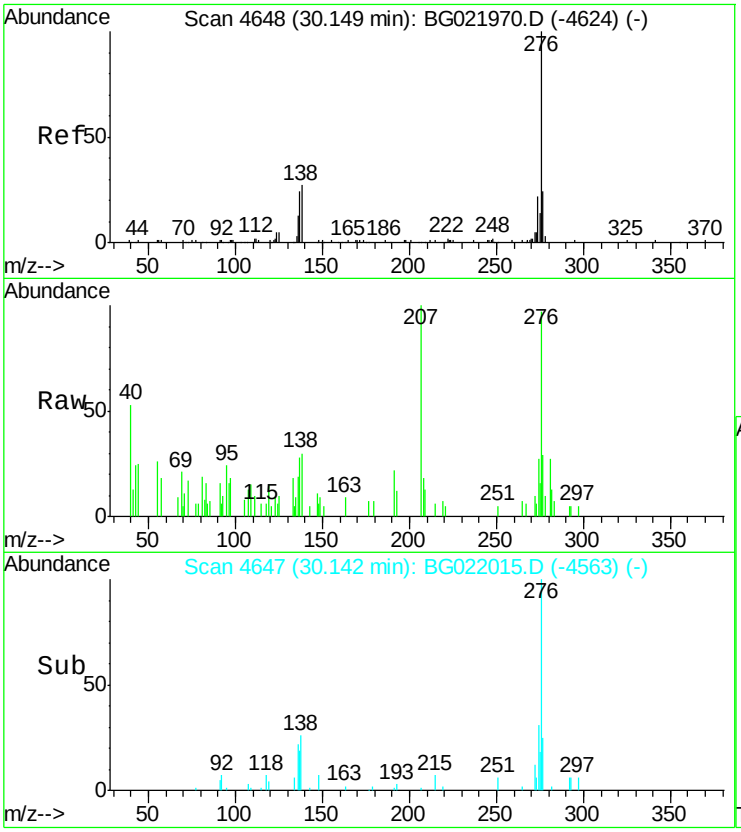


#39
Indeno(1,2,3-cd)pyrene
Concen: 2.29 ng/ul m
RT: 28.95 min Scan# 4445
Delta R.T. -0.01 min
Lab File: BG022015.D
Acq: 22 May 2016 16:42

Tgt Ion:276 Resp: 25918

Ion	Ratio	Lower	Upper
276	100		
138	26.3	15.8	23.6#
277	23.6	19.0	28.6

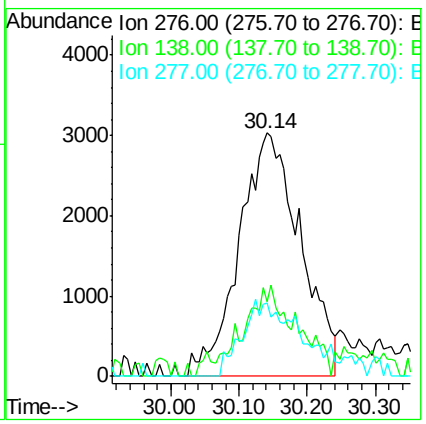




#41
Benzo(g,h,i)perylene
Concen: 1.98 ng/ul m
RT: 30.14 min Scan# 4647
Delta R.T. -0.01 min
Lab File: BG022015.D
Acq: 22 May 2016 16:42

Tgt Ion:276 Resp: 18946

Ion	Ratio	Lower	Upper
276	100		
138	30.4	13.9	20.9#
277	30.3	19.8	29.6#



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ClientSampleId :
D9XH1MSD

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