Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022117\
Data File : BG025929.D
Acq On : 22 Feb 2017 7:09
Operator : SJ/MA
Sample : I1900-10
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DABD6

Manual Integrations APPROVED
mohammad
2/22/2017 11:14:18 AM

Quant Time: Feb 22 07:47:47 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.3-EPA-BG021617MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 22 04:47:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	142209	20.00	ng/ul	0.00
2) Naphthalene-d8	10.89	136	684061	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.69	164	398413	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.42	188	817984	20.00	ng/ul	0.00
17) Chrysene-d12	21.68	240	818567	20.00	ng/ul	0.00
22) Perylene-d12	24.90	264	807562	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.38	160	659719	20.00	ng/ul	0.00
10) Fluorene-d10	15.68	176	473239	18.68	ng/ul	0.00
14) Anthracene-d10	17.52	188	669220	18.10	ng/ul	0.00
18) Pyrene-d10	19.80	212	718124	18.20	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.67	264	676210	18.92	ng/ul	0.00
Target Compounds						Qvalue
9) Acenaphthene	14.75	153	31080	1.29	ng/ul	94
11) Fluorene	15.73	166	40920	1.44	ng/ul	99
13) Phenanthrene	17.46	178	1043442	23.92	ng/ul	96
15) Anthracene	17.55	178	272938	6.16	ng/ul	99
16) Fluoranthene	19.47	202	1864692	38.89	ng/ul	97
19) Pyrene	19.83	202	1345077	27.15	ng/ul#	95
20) Benzo(a)anthracene	21.66	228	764900	16.61	ng/ul	96
21) Chrysene	21.72	228	696506	15.83	ng/ul	97
23) Benzo(b)fluoranthene	23.88	252	809061	17.34	ng/ul#	97
24) Benzo(k)fluoranthene	23.93	252	296937m	6.59	ng/ul	
26) Benzo(a)pyrene	24.74	252	499398	11.06	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	28.56	276	326345	6.17	ng/ul#	88
28) Dibenzo(a,h)anthracene	28.60	278	85599	1.95	ng/ul#	87
29) Benzo(g,h,i)perylene	29.70	276	296624m	6.80	ng/ul	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022117\
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Sample : I1900-10
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Feb 22 07:47:47 2017
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Manual Integrations APPROVED
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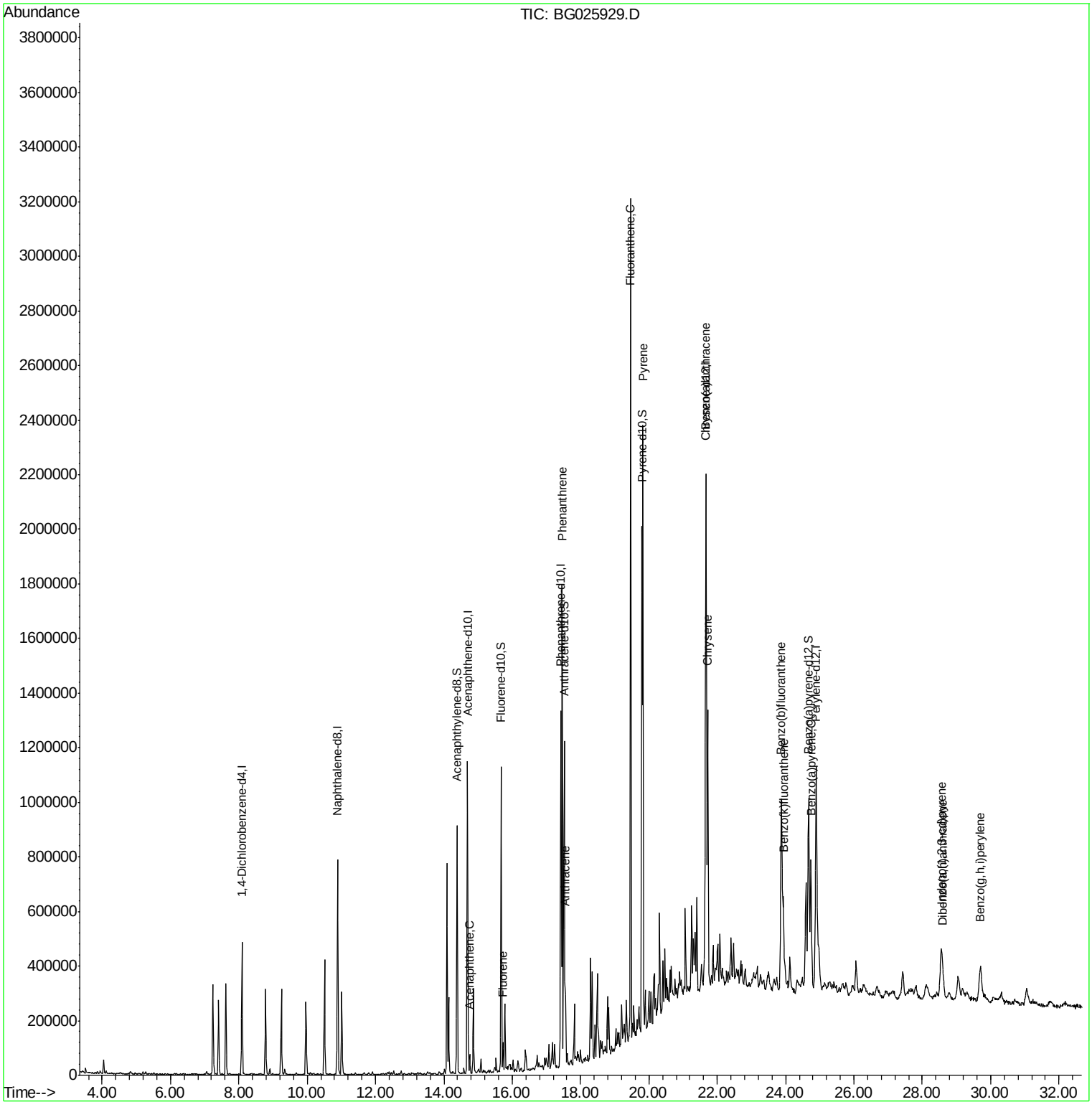
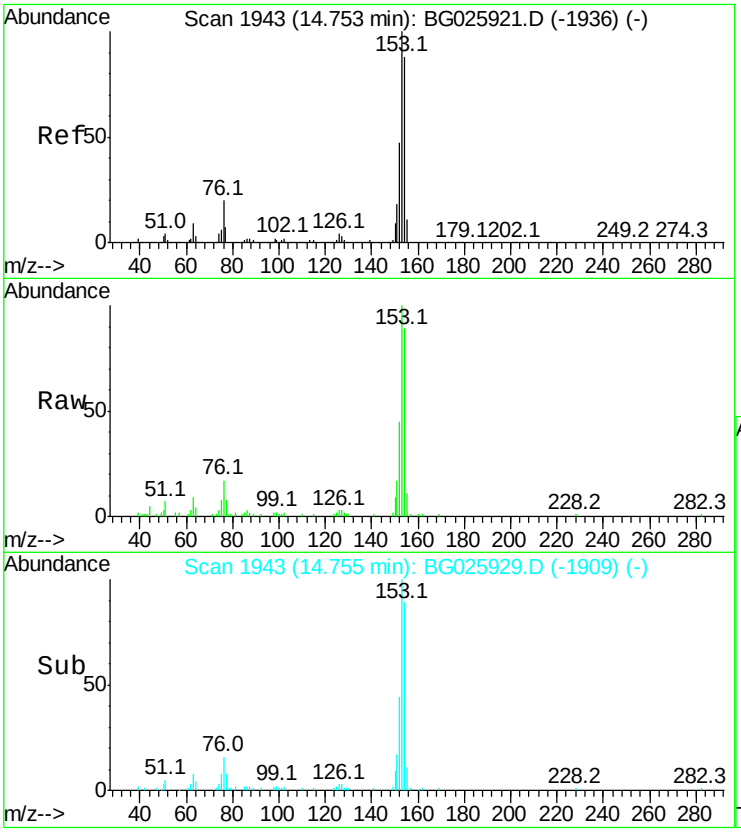
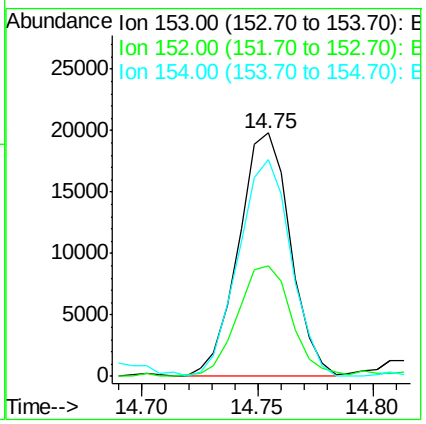




#9
Acenaphthene
Concen: 1.29 ng/ul
RT: 14.75 min Scan# 1943
Delta R.T. 0.00 min
Lab File: BG025929.D
Acq: 22 Feb 2017 7:09

Tgt Ion:153 Resp: 31080

Ion	Ratio	Lower	Upper
153	100		
152	45.1	39.0	58.6
154	89.0	66.8	100.2



Instrument :
BNA_G
ClientSampleId :
DABD6

Manual Integrations APPROVED
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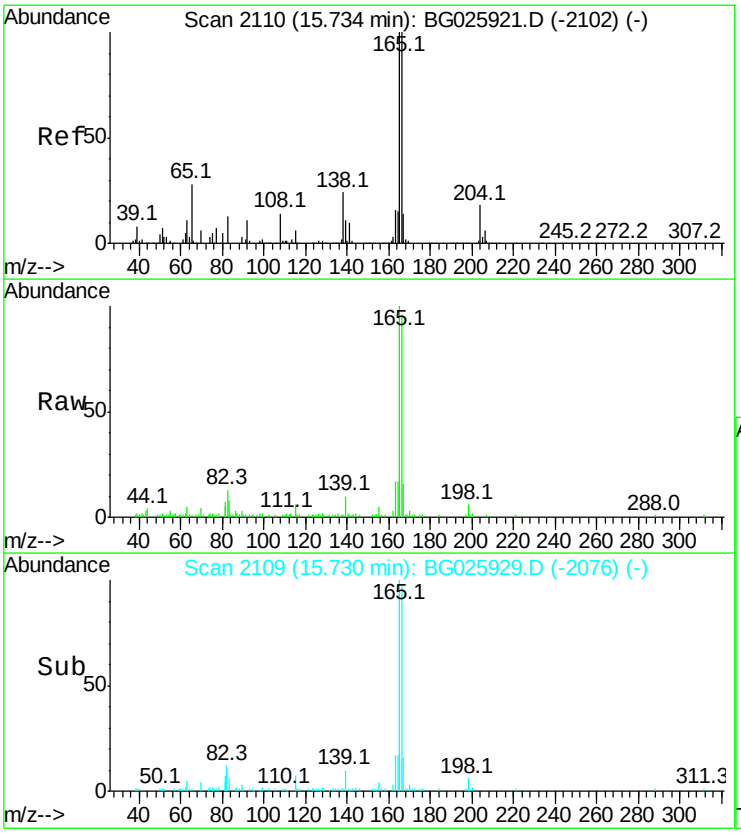
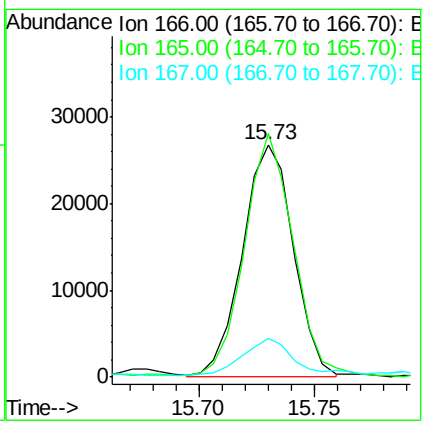
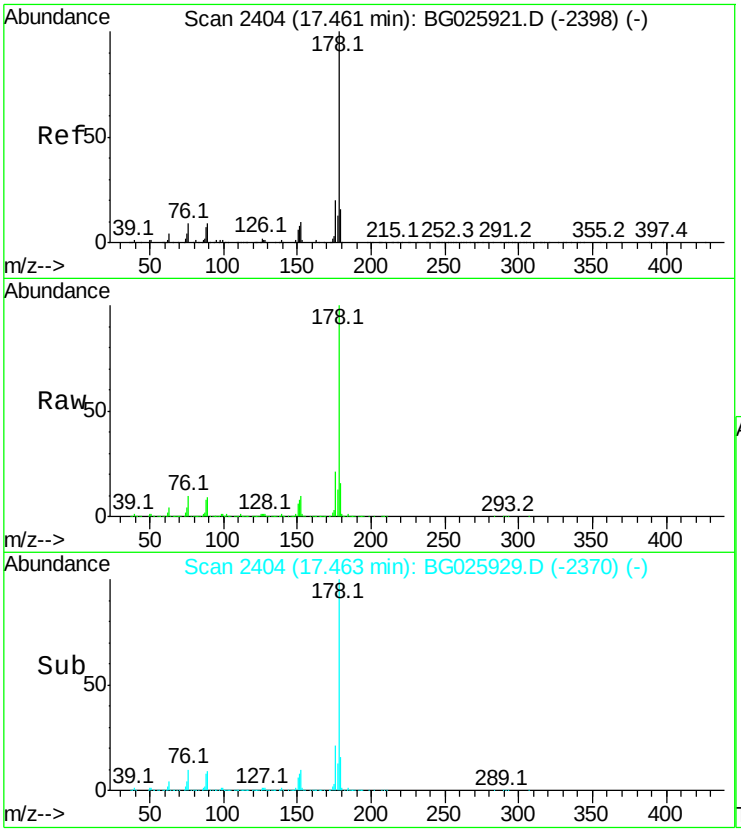


#11
Fluorene
Concen: 1.44 ng/ul
RT: 15.73 min Scan# 2109
Delta R.T. -0.00 min
Lab File: BG025929.D
Acq: 22 Feb 2017 7:09

Tgt Ion:166 Resp: 40920

Ion	Ratio	Lower	Upper
166	100		
165	104.7	83.8	125.8
167	16.5	11.5	17.3

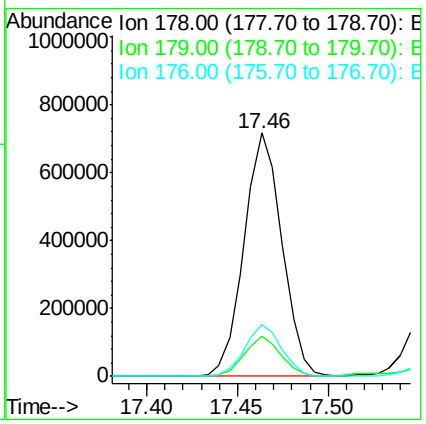




#13
Phenanthrene
Concen: 23.92 ng/ul
RT: 17.46 min Scan# 2404
Delta R.T. 0.00 min
Lab File: BG025929.D
Acq: 22 Feb 2017 7:09

Tgt Ion:178 Resp: 1043442

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.3	18.5
176	21.2	15.1	22.7



Instrument :
BNA_G
ClientSampleId :
DABD6

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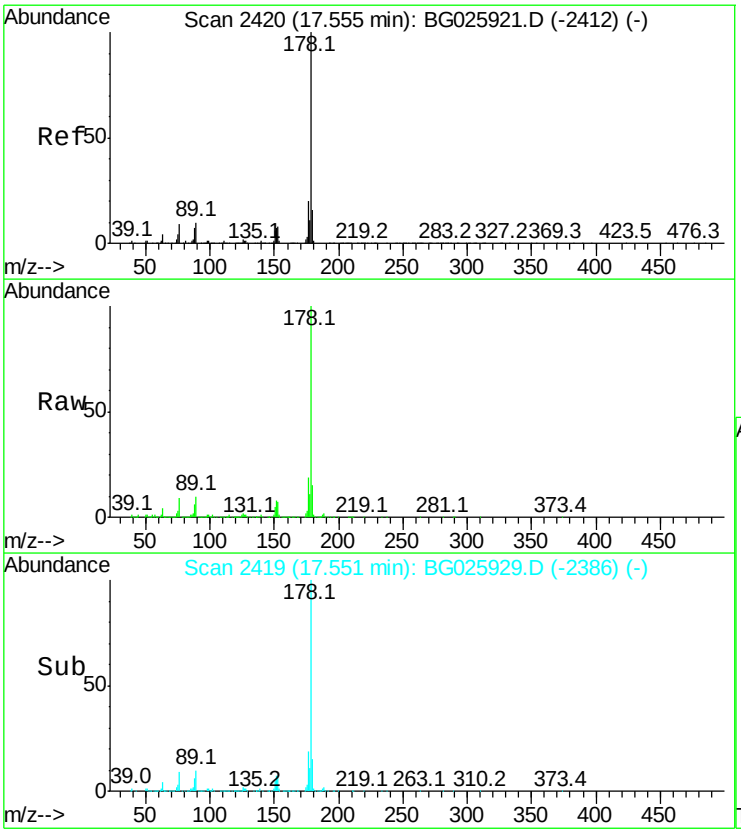
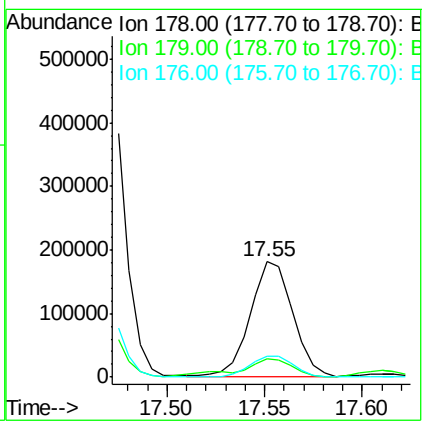
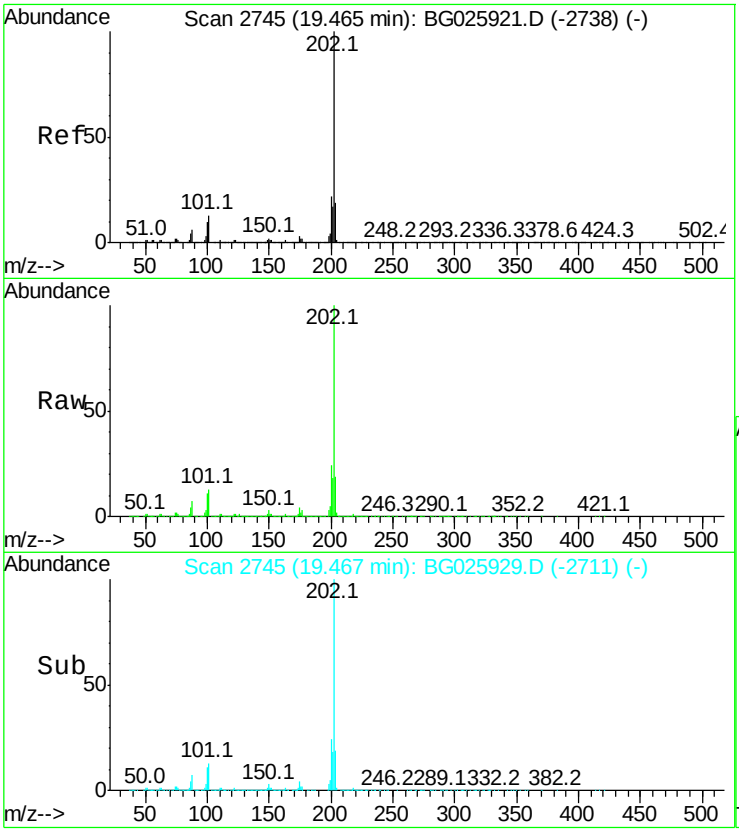


#15
Anthracene
Concen: 6.16 ng/ul
RT: 17.55 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BG025929.D
Acq: 22 Feb 2017 7:09

Tgt Ion:178 Resp: 272938

Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.8	17.8
176	18.5	15.2	22.8

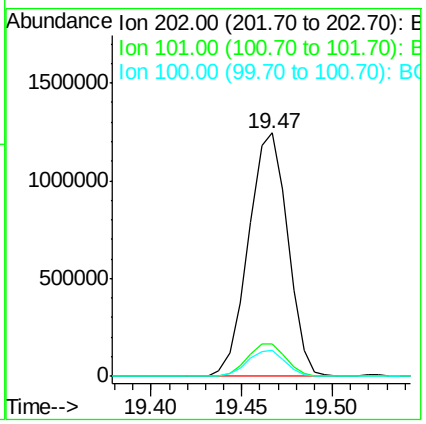




#16
Fluoranthene
Concen: 38.89 ng/ul
RT: 19.47 min Scan# 2745
Delta R.T. 0.00 min
Lab File: BG025929.D
Acq: 22 Feb 2017 7:09

Tgt Ion:202 Resp: 1864692

Ion	Ratio	Lower	Upper
202	100		
101	13.4	9.9	14.9
100	10.6	7.4	11.0



Instrument :
BNA_G
ClientSampleId :
DABD6

Manual Integrations APPROVED
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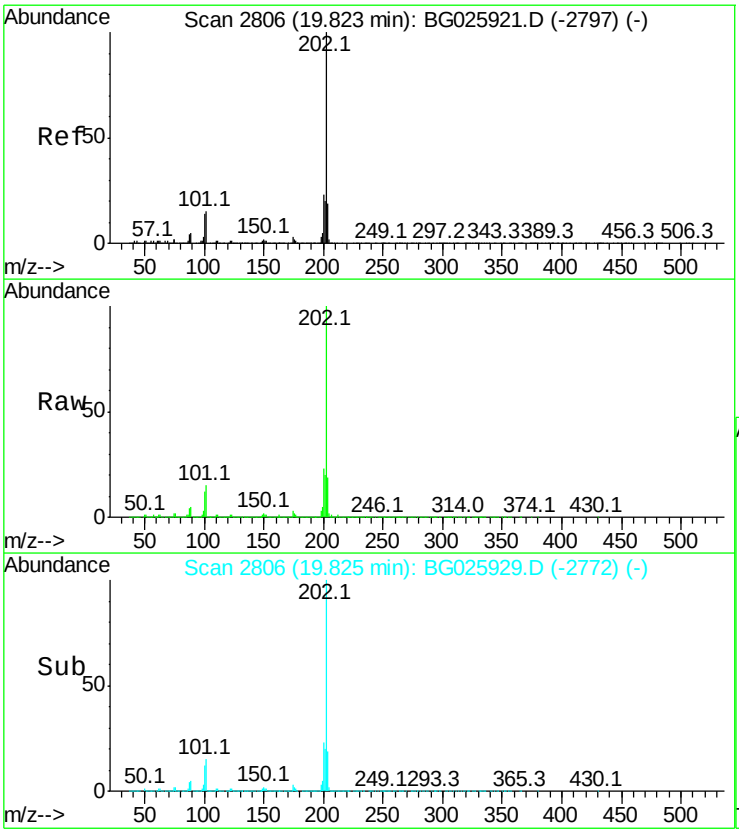
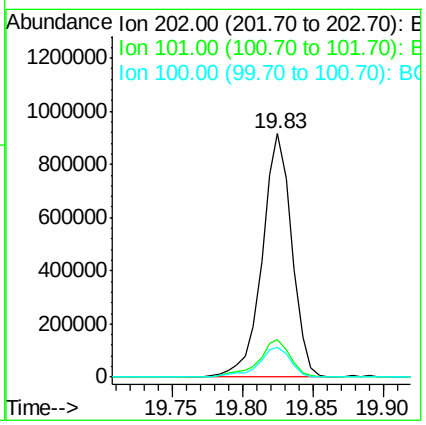
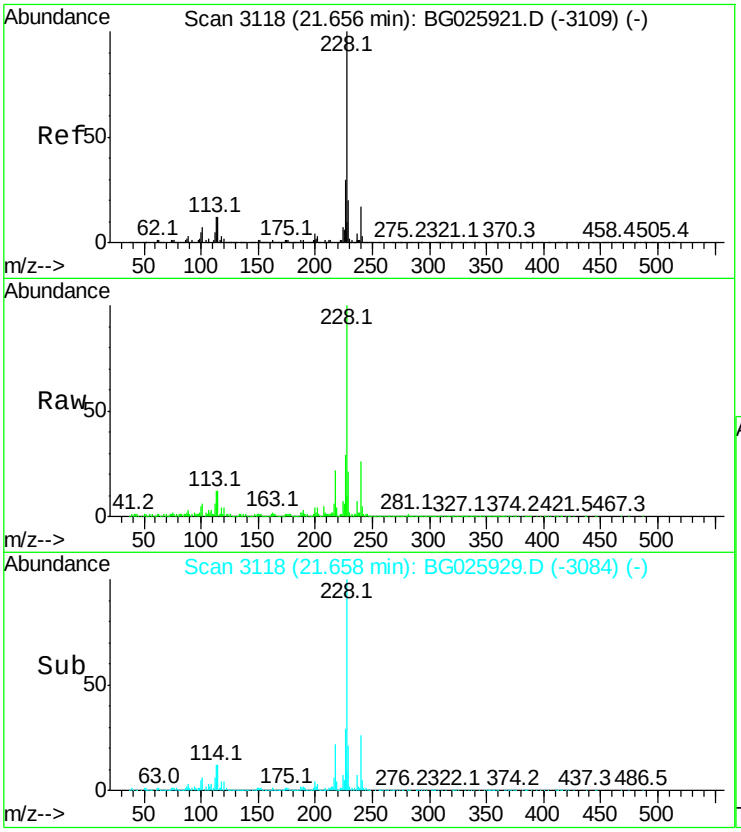


#19
Pyrene
Concen: 27.15 ng/ul
RT: 19.83 min Scan# 2806
Delta R.T. 0.00 min
Lab File: BG025929.D
Acq: 22 Feb 2017 7:09

Tgt Ion:202 Resp: 1345077

Ion	Ratio	Lower	Upper
202	100		
101	15.2	11.0	16.4
100	12.5	8.1	12.1#

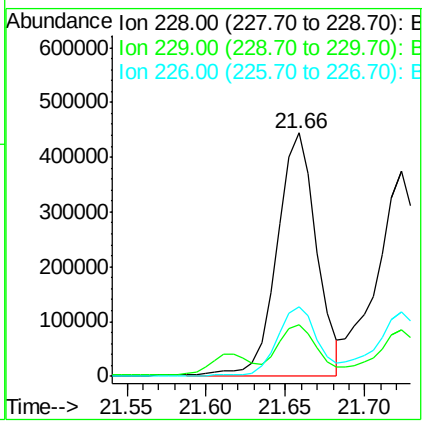




#20
Benzo(a)anthracene
Concen: 16.61 ng/ul
RT: 21.66 min Scan# 3118
Delta R.T. 0.00 min
Lab File: BG025929.D
Acq: 22 Feb 2017 7:09

Tgt Ion:228 Resp: 764900

Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.7	23.5
226	28.8	21.1	31.7



Instrument :
BNA_G
ClientSampleId :
DABD6

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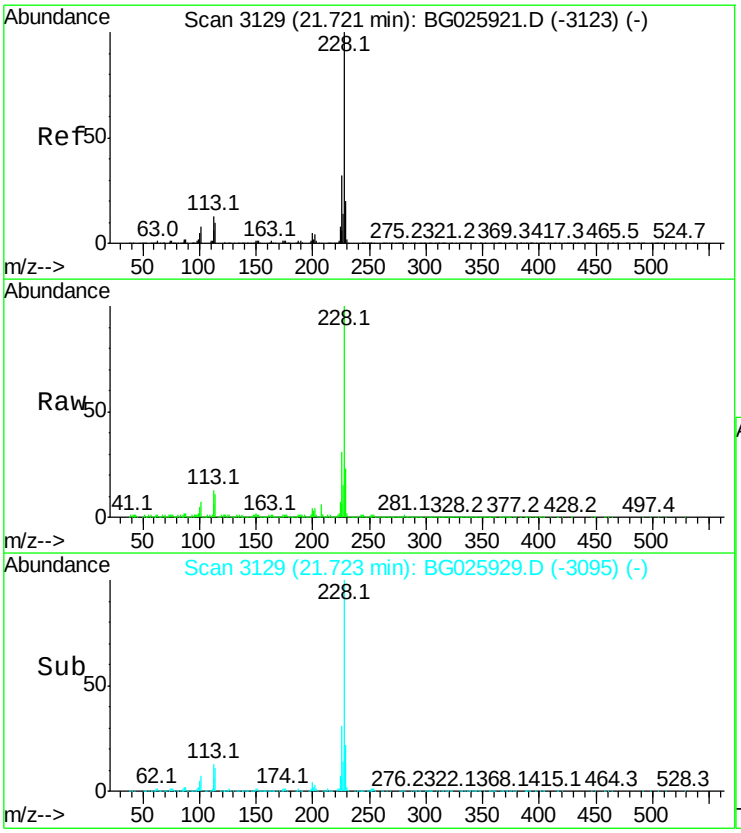
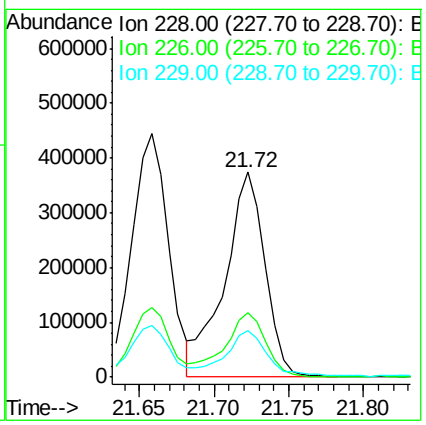
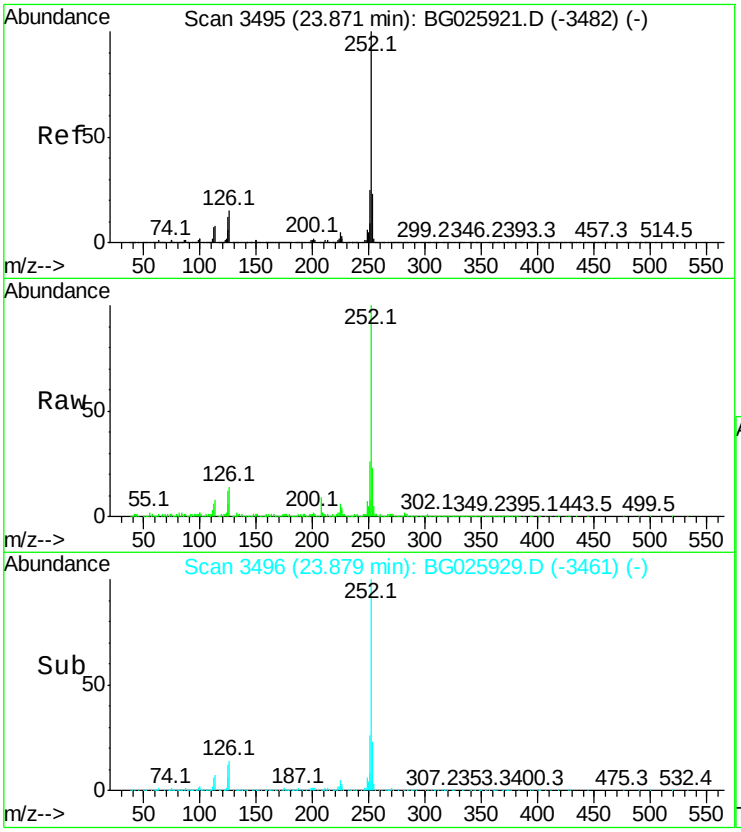


#21
Chrysene
Concen: 15.83 ng/ul
RT: 21.72 min Scan# 3129
Delta R.T. 0.00 min
Lab File: BG025929.D
Acq: 22 Feb 2017 7:09

Tgt Ion:228 Resp: 696506

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.5	36.7
229	22.6	15.8	23.8

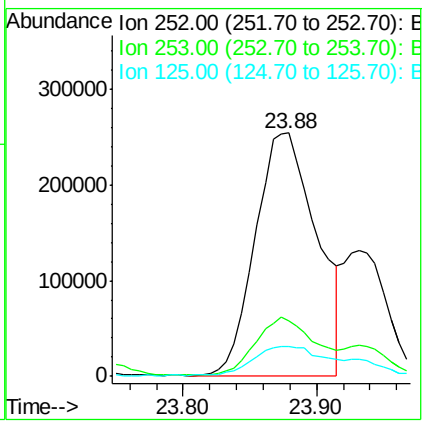




#23
Benzo(b)fluoranthene
Concen: 17.34 ng/ul
RT: 23.88 min Scan# 3496
Delta R.T. 0.01 min
Lab File: BG025929.D
Acq: 22 Feb 2017 7:09

Tgt Ion:252 Resp: 809061

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	12.5	8.0	12.0#



Instrument :
BNA_G
ClientSampleId :
DABD6

Manual Integrations APPROVED
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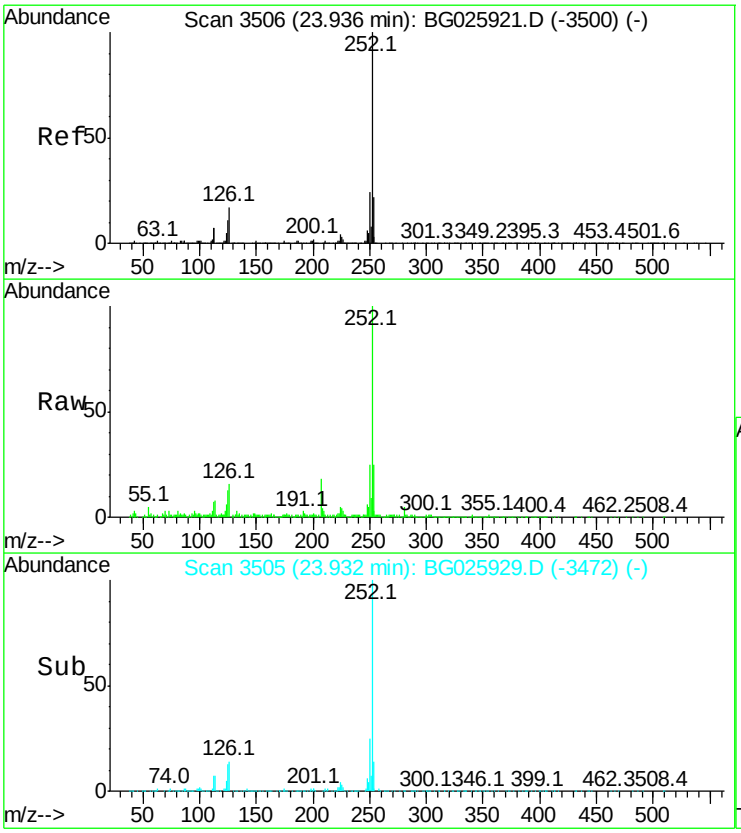
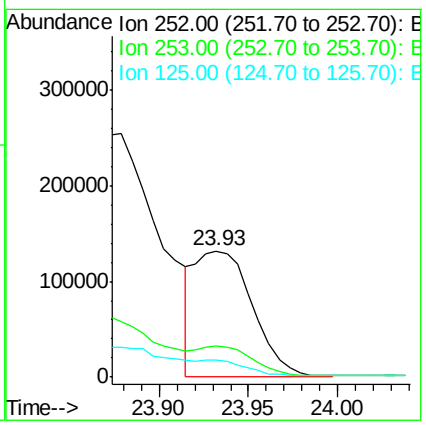
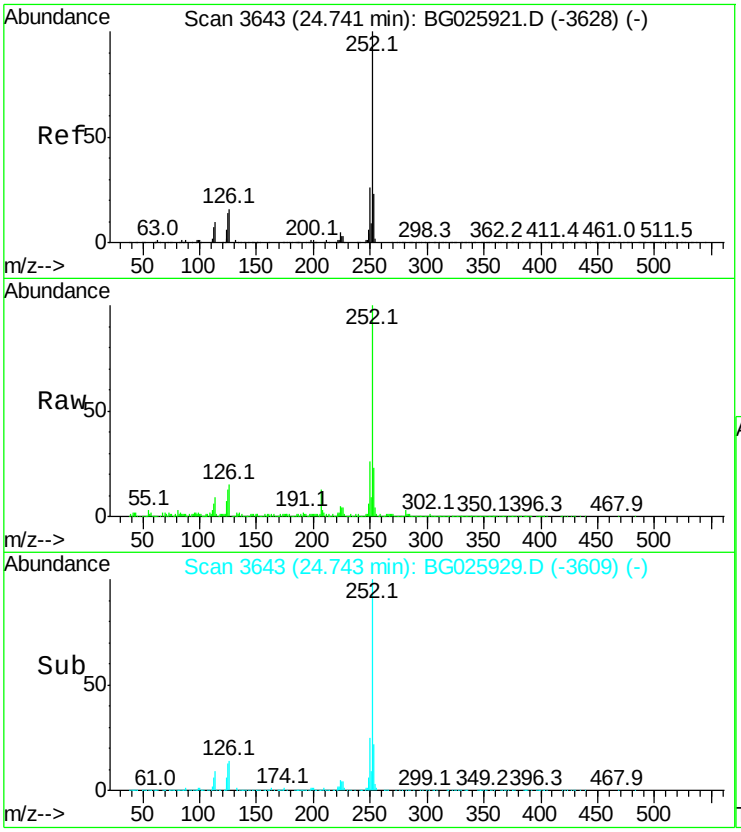


#24
Benzo(k)fluoranthene
Concen: 6.59 ng/ul m
RT: 23.93 min Scan# 3505
Delta R.T. -0.00 min
Lab File: BG025929.D
Acq: 22 Feb 2017 7:09

Tgt Ion:252 Resp: 296937

Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.0	27.0
125	13.5	8.1	12.1#





#26
Benzo(a)pyrene
Concen: 11.06 ng/ul
RT: 24.74 min Scan# 3643
Delta R.T. 0.00 min
Lab File: BG025929.D
Acq: 22 Feb 2017 7:09

Tgt Ion:252 Resp: 499398

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.2	25.8
125	13.5	8.2	12.4#

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations APPROVED
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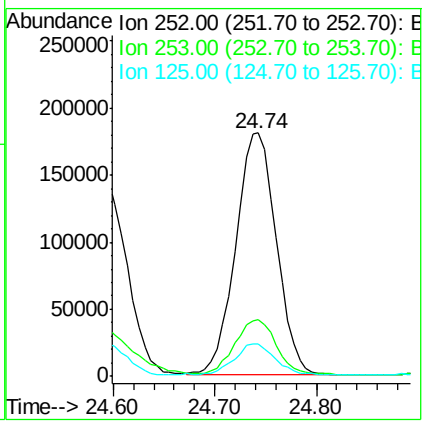
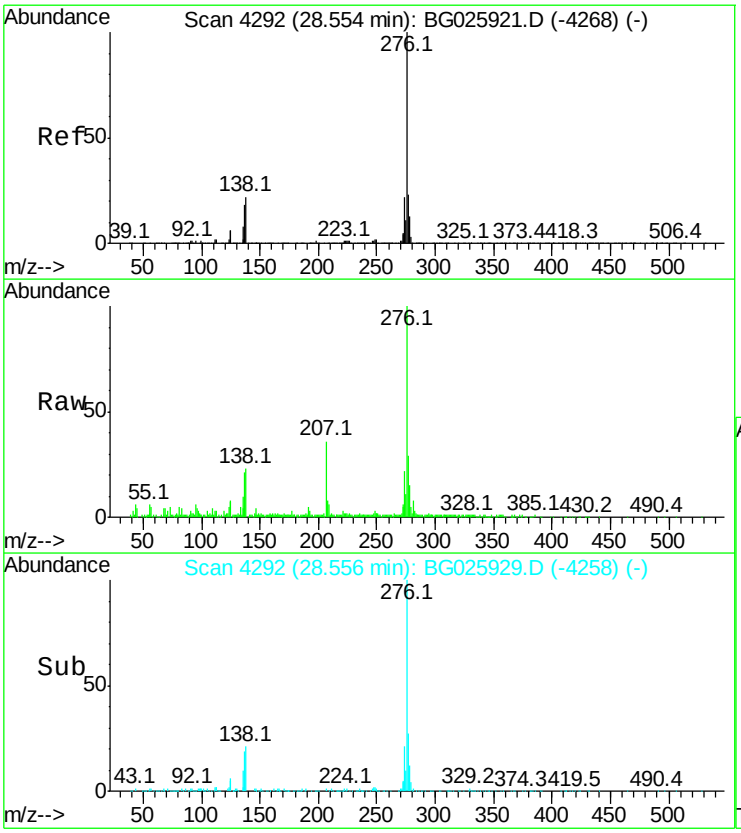
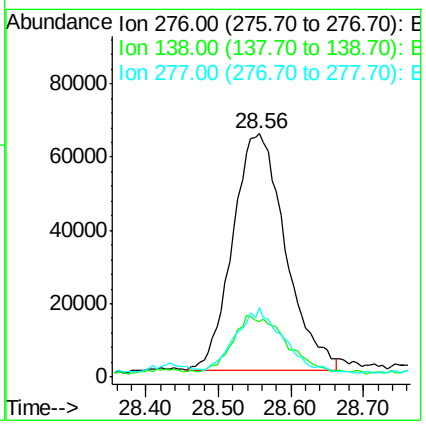


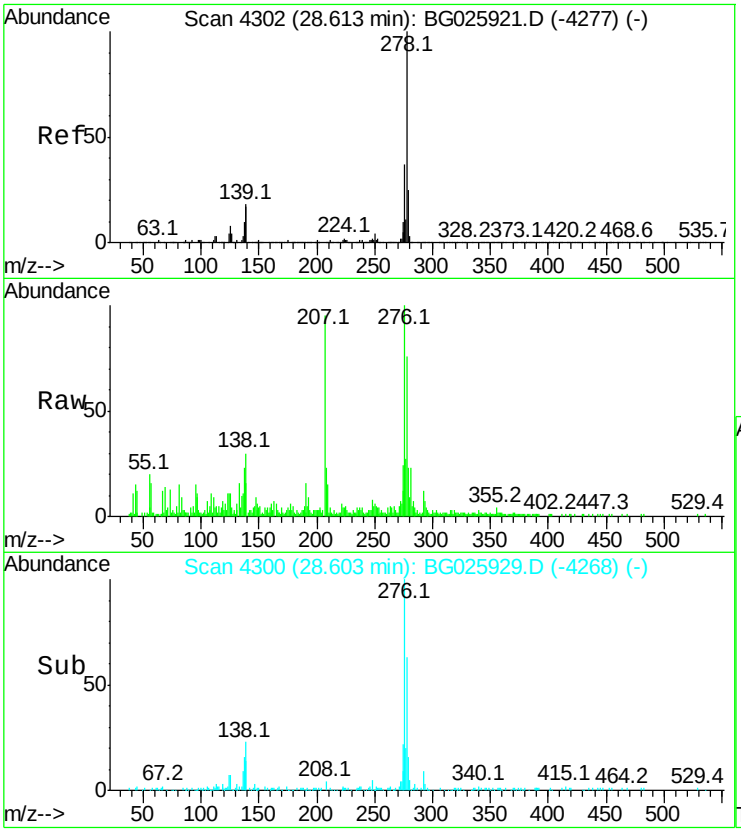


#27
Indeno(1,2,3-cd)pyrene
Concen: 6.17 ng/ul
RT: 28.56 min Scan# 4292
Delta R.T. 0.00 min
Lab File: BG025929.D
Acq: 22 Feb 2017 7:09

Tgt Ion:276 Resp: 326345

Ion	Ratio	Lower	Upper
276	100		
138	22.7	14.4	21.6#
277	28.6	18.0	27.0#





#28
Dibenzo(a,h)anthracene
Concen: 1.95 ng/ul
RT: 28.60 min Scan# 4300
Delta R.T. -0.01 min
Lab File: BG025929.D
Acq: 22 Feb 2017 7:09

Tgt Ion:278 Resp: 85599

Ion	Ratio	Lower	Upper
278	100		
139	21.0	12.2	18.4#
279	29.8	19.2	28.8#

Instrument :
BNA_G
ClientSampleId :
DABD6

Manual Integrations APPROVED
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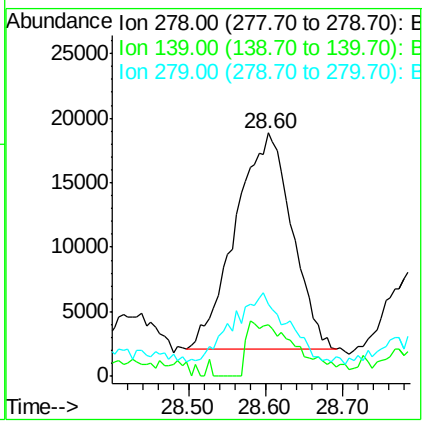

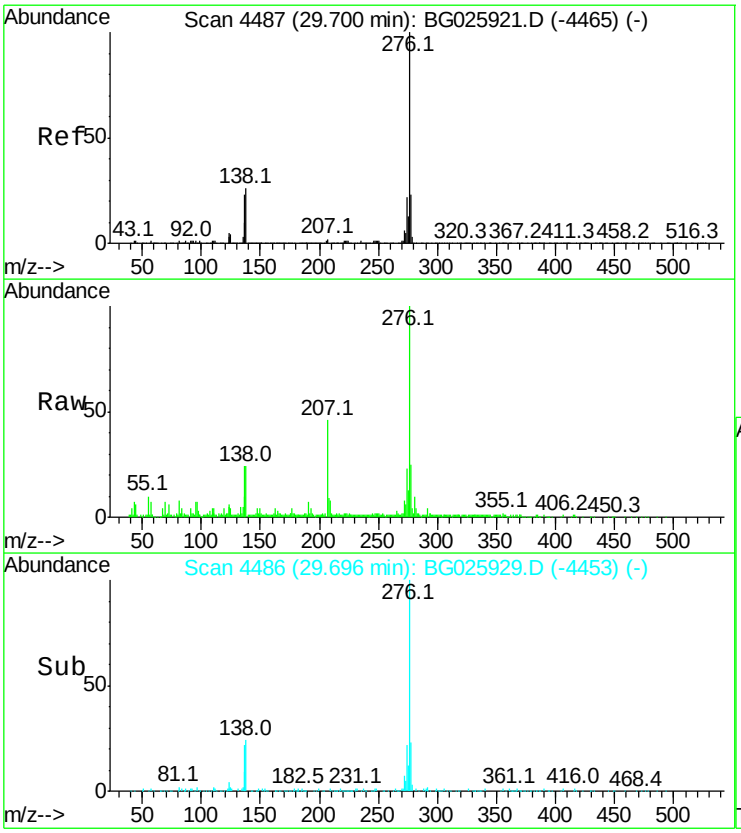

#29
Benzo(g,h,i)perylene
Concen: 6.80 ng/ul m
RT: 29.70 min Scan# 4486
Delta R.T. -0.00 min
Lab File: BG025929.D
Acq: 22 Feb 2017 7:09

Tgt Ion:276 Resp: 296624

Ion	Ratio	Lower	Upper
276	100		
138	23.6	15.3	22.9#
277	24.6	19.0	28.4