Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122916\
Data File : BM008716.D
Acq On : 29 Dec 2016 12:26
Operator : UM/SJ
Sample : H6067-05DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7F6DL

Manual Integrations APPROVED
Sohil
12/30/2016 8:42:38 AM

Quant Time: Dec 30 02:30:23 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 30 00:54:22 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	283	0.40	ng/ul	-0.12
2) Naphthalene-d8	10.50	136	1043m	0.40	ng/ul	-0.05
6) Acenaphthene-d10	14.30	164	647m	0.40	ng/ul	-0.03
10) Phenanthrene-d10	17.06	188	1331m	0.40	ng/ul	-0.05
16) Chrysene-d12	21.25	240	1377m	0.40	ng/ul	-0.03
20) Perylene-d12	23.48	264	1813m	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.13	152	47m	0.03	ng/ul	-0.02
14) Fluoranthene-d10	19.08	212	205m	0.06	ng/ul	-0.04
Target Compounds						Qvalue
3) Naphthalene	10.55	128	408m	0.14	ng/ul	
7) Acenaphthylene	14.02	152	7976m	2.73	ng/ul	
8) Acenaphthene	14.37	153	255m	0.12	ng/ul	
9) Fluorene	15.38	166	577m	0.23	ng/ul	
12) Phenanthrene	17.09	178	3139m	0.77	ng/ul	
13) Anthracene	17.19	178	13142m	3.33	ng/ul	
15) Fluoranthene	19.12	202	21468m	4.31	ng/ul	
17) Pyrene	19.48	202	24989m	4.69	ng/ul	
18) Benzo(a)anthracene	21.23	228	52906m	11.70	ng/ul	
19) Chrysene	21.28	228	67004m	13.53	ng/ul	
21) Benzo(b)fluoranthene	22.81	252	121833m	17.06	ng/ul	
22) Benzo(k)fluoranthene	22.85	252	28034m	4.03	ng/ul	
23) Benzo(a)pyrene	23.38	252	68748m	10.38	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.71	276	50189m	6.36	ng/ul	
25) Dibenzo(a,h)anthracene	25.71	278	15975m	2.53	ng/ul	
26) Benzo(g,h,i)perylene	26.40	276	44492m	6.58	ng/ul	

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

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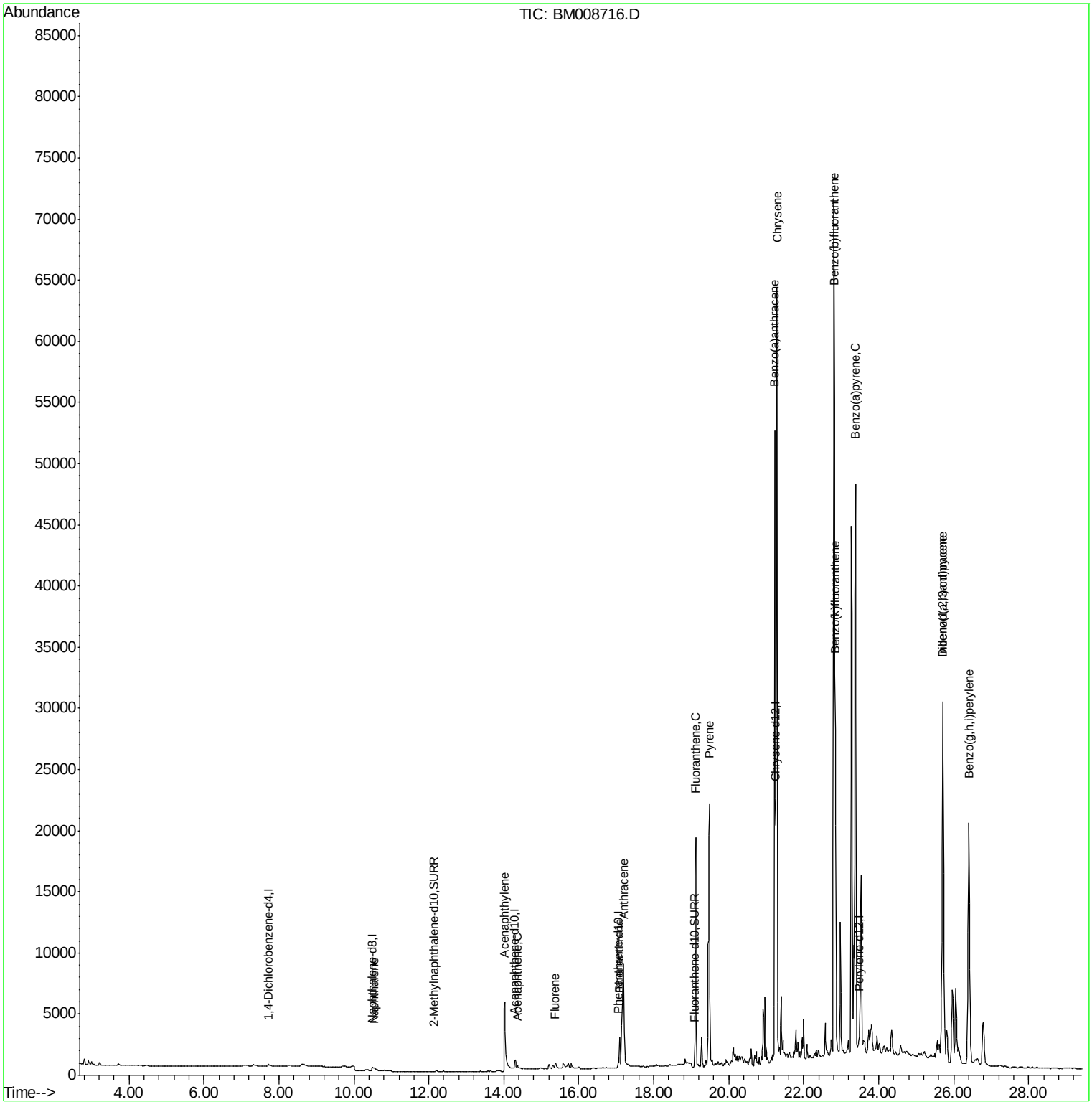
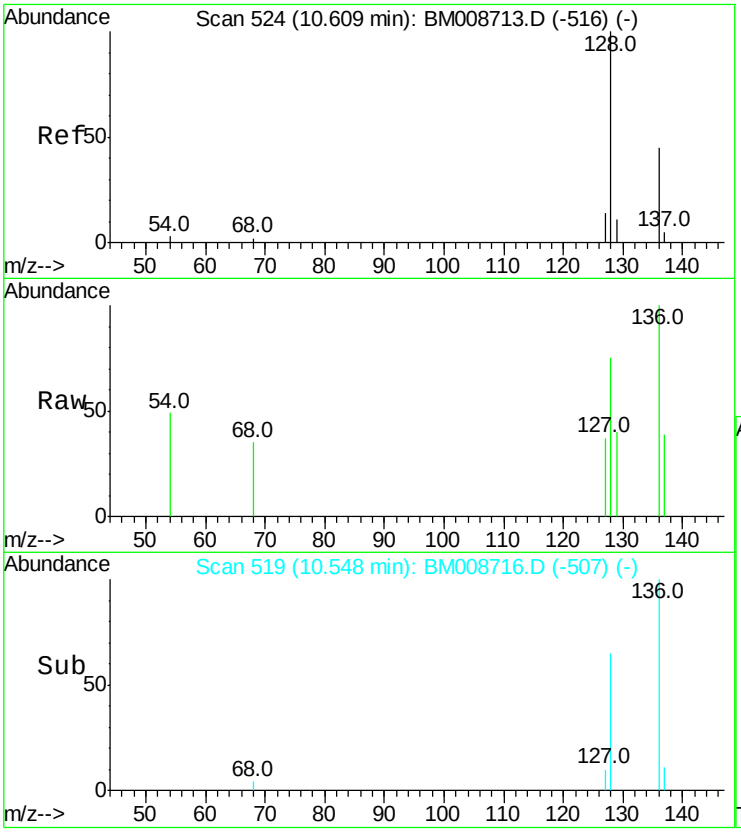
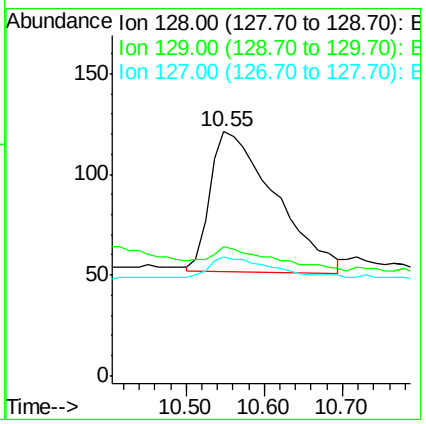




#3
Naphthalene
Concen: 0.14 ng/ul m
RT: 10.55 min Scan# 519
Delta R.T. -0.06 min
Lab File: BM008716.D
Acq: 29 Dec 2016 12:26

Tgt Ion:128 Resp: 408

Ion	Ratio	Lower	Upper
128	100		
129	52.9	11.3	16.9#
127	48.8	12.8	19.2#



Instrument :
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ClientSampleId :
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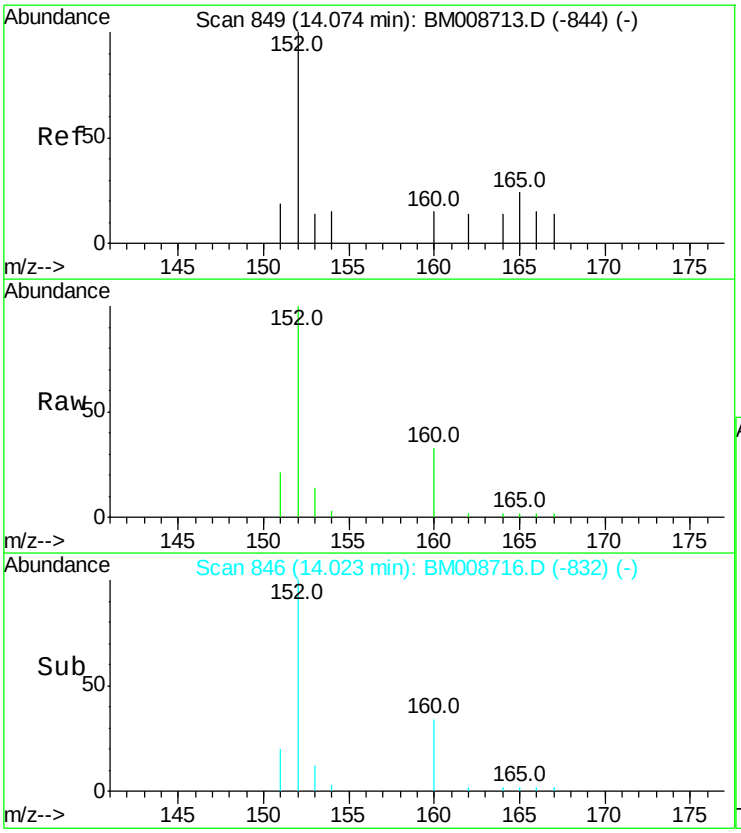
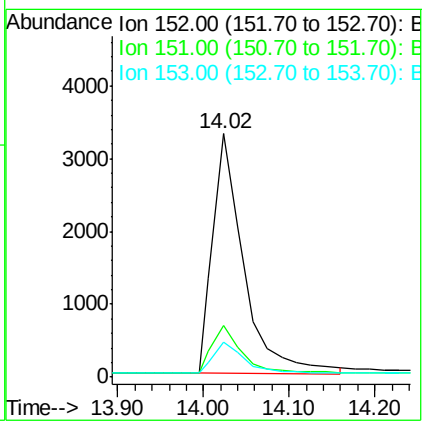
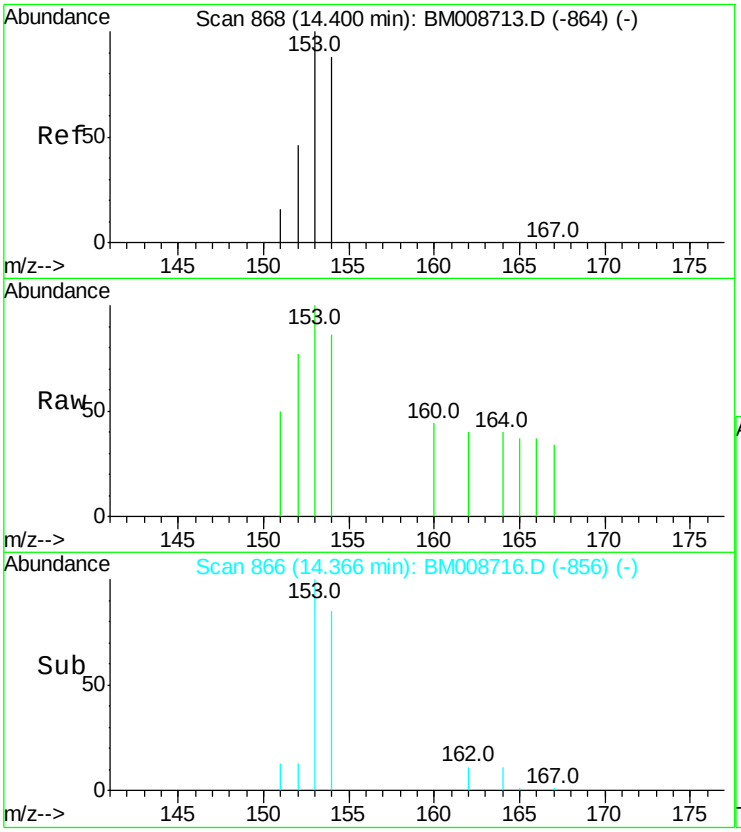


#7
Acenaphthylene
Concen: 2.73 ng/ul m
RT: 14.02 min Scan# 846
Delta R.T. -0.05 min
Lab File: BM008716.D
Acq: 29 Dec 2016 12:26

Tgt Ion:152 Resp: 7976

Ion	Ratio	Lower	Upper
152	100		
151	21.0	17.1	25.7
153	14.2	12.8	19.2

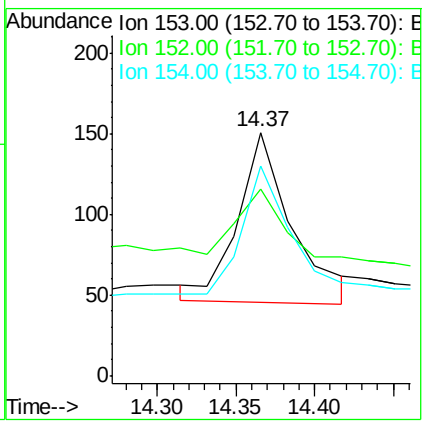




#8
Acenaphthene
Concen: 0.12 ng/ul m
RT: 14.37 min Scan# 866
Delta R.T. -0.03 min
Lab File: BM008716.D
Acq: 29 Dec 2016 12:26

Tgt Ion:153 Resp: 255

Ion	Ratio	Lower	Upper
153	100		
152	76.8	40.3	60.5#
154	86.1	71.4	107.2



Instrument :
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ClientSampleId :
DA7F6DL

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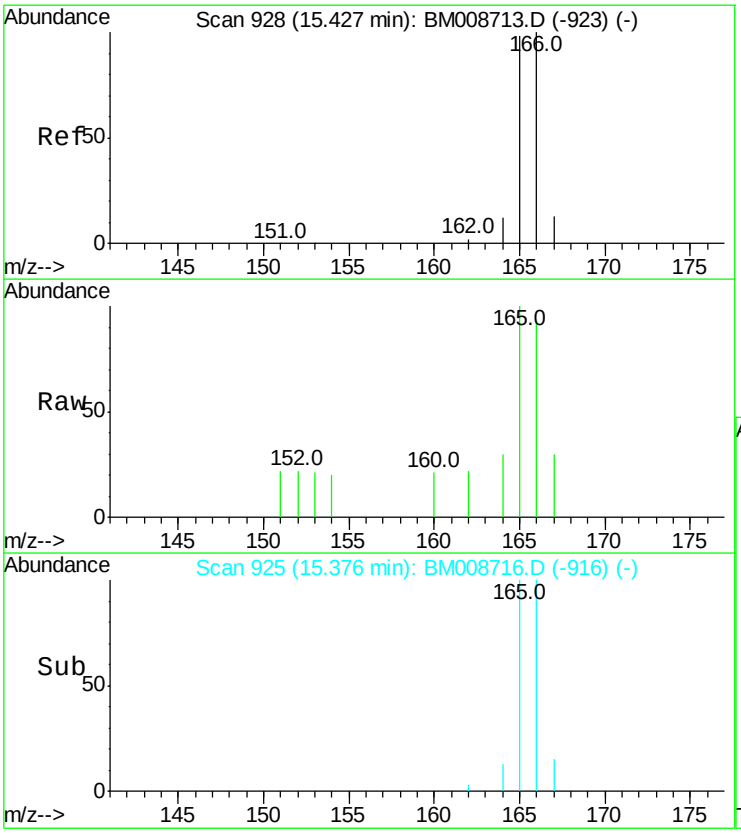
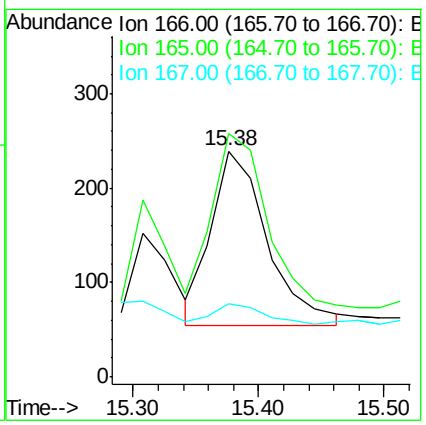
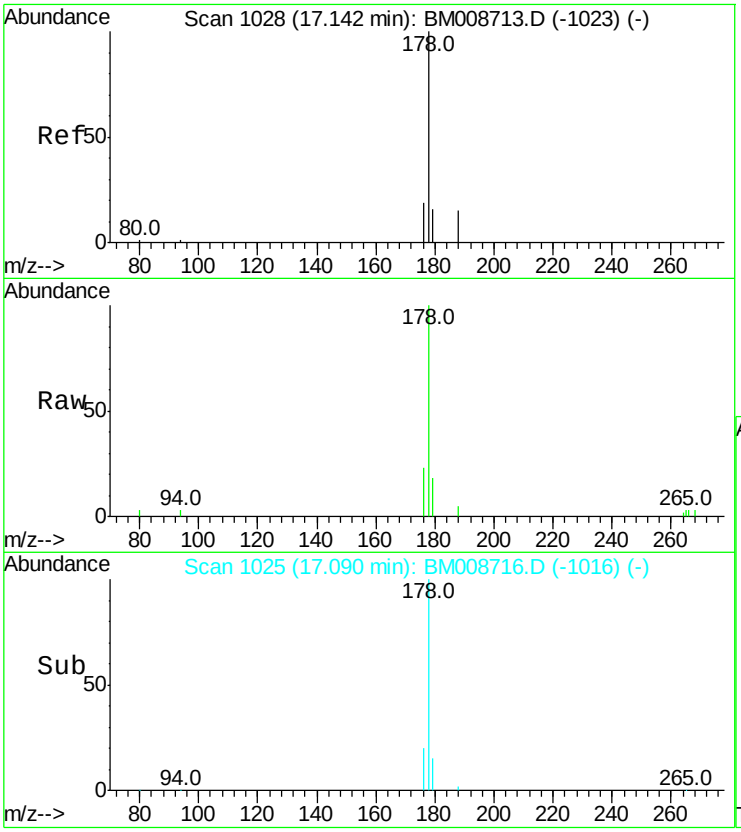


#9
Fluorene
Concen: 0.23 ng/ul m
RT: 15.38 min Scan# 925
Delta R.T. -0.05 min
Lab File: BM008716.D
Acq: 29 Dec 2016 12:26

Tgt Ion:166 Resp: 577

Ion	Ratio	Lower	Upper
166	100		
165	107.9	73.4	110.2
167	32.2	14.6	22.0#

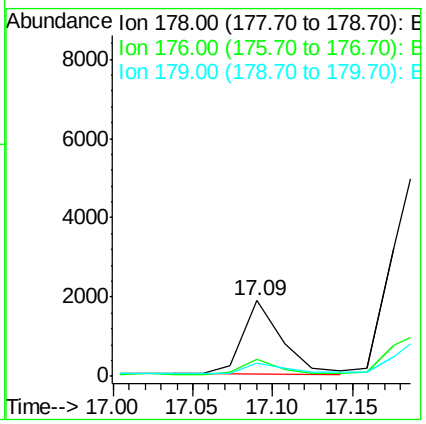




#12
Phenanthrene
Concen: 0.77 ng/ul m
RT: 17.09 min Scan# 1025
Delta R.T. -0.05 min
Lab File: BM008716.D
Acq: 29 Dec 2016 12:26

Tgt Ion:178 Resp: 3139

Ion	Ratio	Lower	Upper
178	100		
176	22.6	18.4	27.6
179	17.9	13.6	20.4



Instrument :
BNA_M
ClientSampleId :
DA7F6DL

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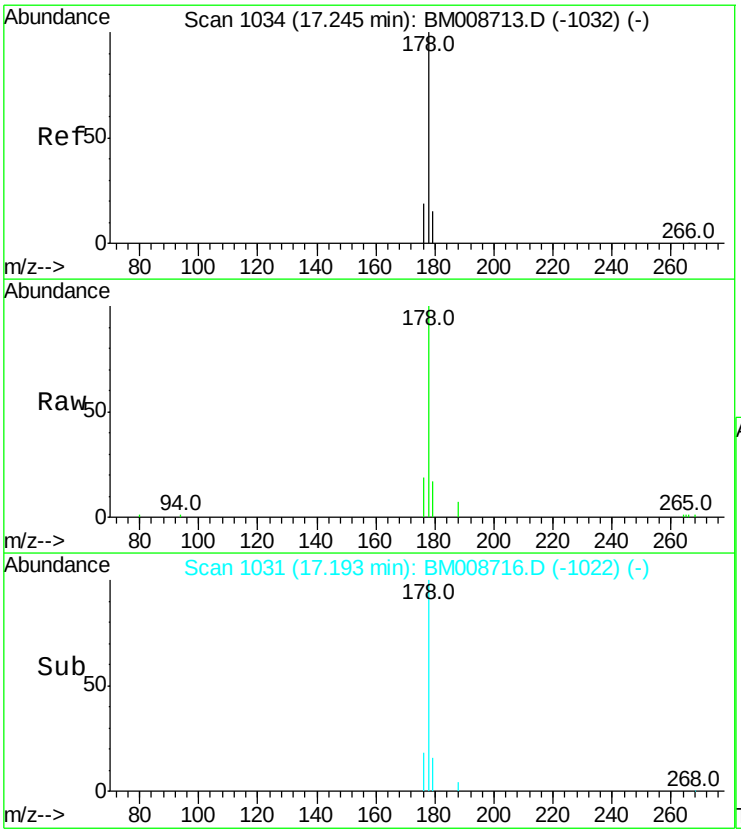
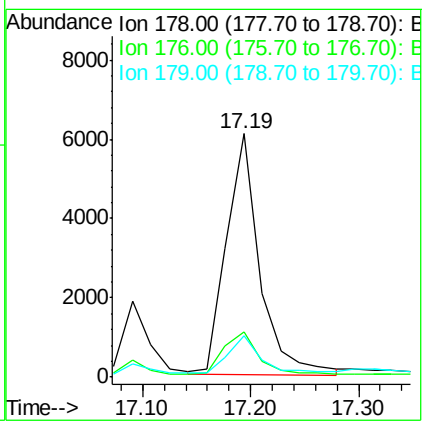
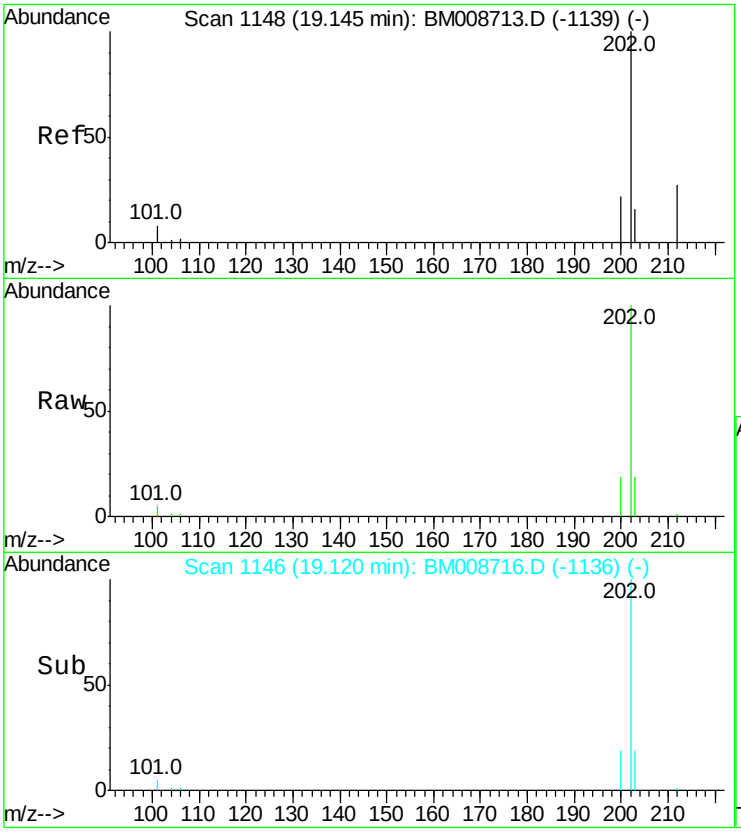


#13
Anthracene
Concen: 3.33 ng/ul m
RT: 17.19 min Scan# 1031
Delta R.T. -0.05 min
Lab File: BM008716.D
Acq: 29 Dec 2016 12:26

Tgt Ion:178 Resp: 13142

Ion	Ratio	Lower	Upper
178	100		
176	18.5	18.1	27.1
179	16.9	14.7	22.1

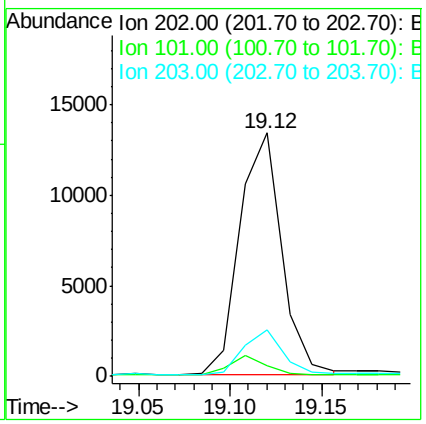




#15
Fluoranthene
Concen: 4.31 ng/ul m
RT: 19.12 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BM008716.D
Acq: 29 Dec 2016 12:26

Tgt Ion:202 Resp: 21468

Ion	Ratio	Lower	Upper
202	100		
101	4.5	0.0	30.3
203	19.0	0.0	39.5



Instrument :
BNA_M
ClientSampleId :
DA7F6DL

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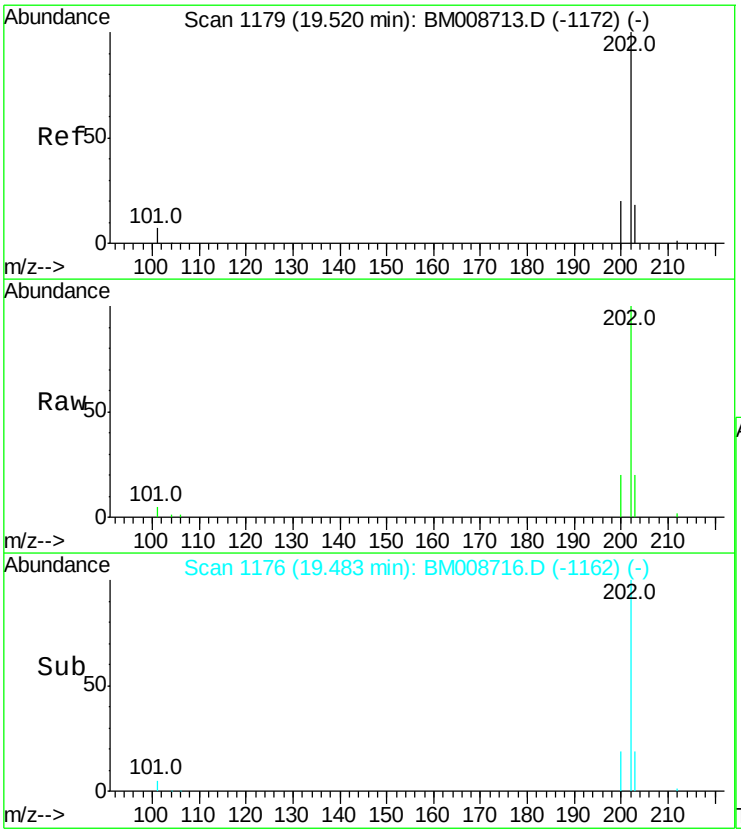
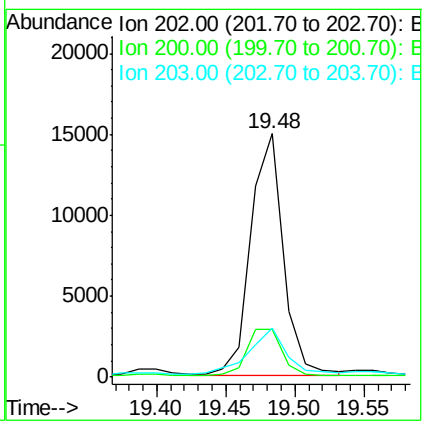
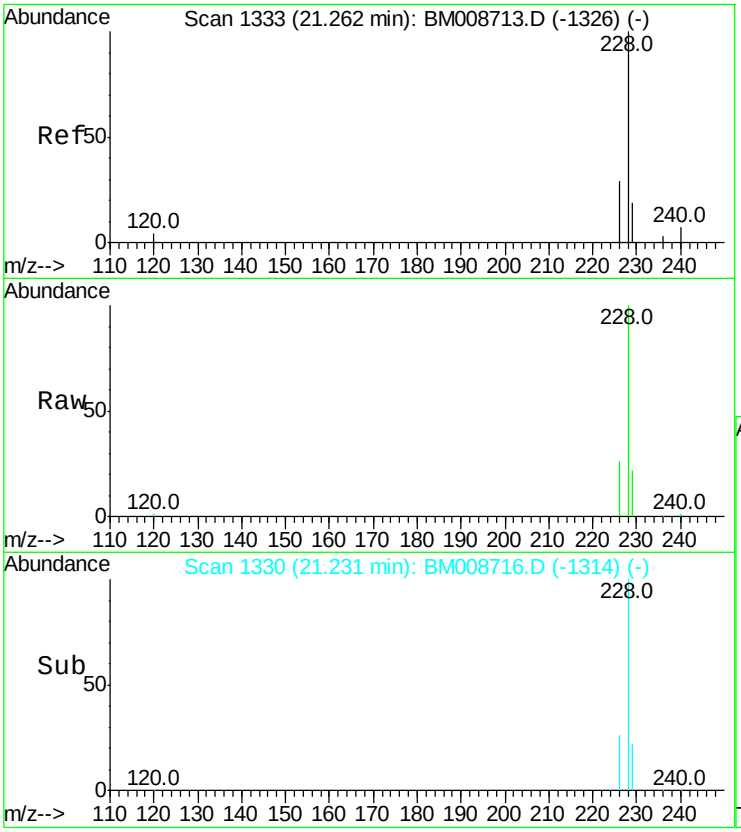


#17
Pyrene
Concen: 4.69 ng/ul m
RT: 19.48 min Scan# 1176
Delta R.T. -0.04 min
Lab File: BM008716.D
Acq: 29 Dec 2016 12:26

Tgt Ion:202 Resp: 24989

Ion	Ratio	Lower	Upper
202	100		
200	19.6	18.2	27.4
203	20.0	15.6	23.4

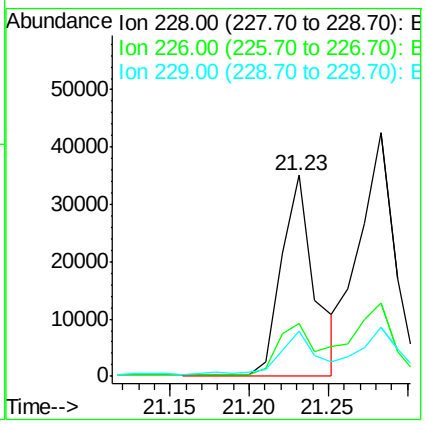




#18
Benzo(a)anthracene
Concen: 11.70 ng/ul m
RT: 21.23 min Scan# 1330
Delta R.T. -0.03 min
Lab File: BM008716.D
Acq: 29 Dec 2016 12:26

Tgt Ion:228 Resp: 52906

Ion	Ratio	Lower	Upper
228	100		
226	26.3	22.8	34.2
229	22.4	17.0	25.6



Instrument :
BNA_M
ClientSampleId :
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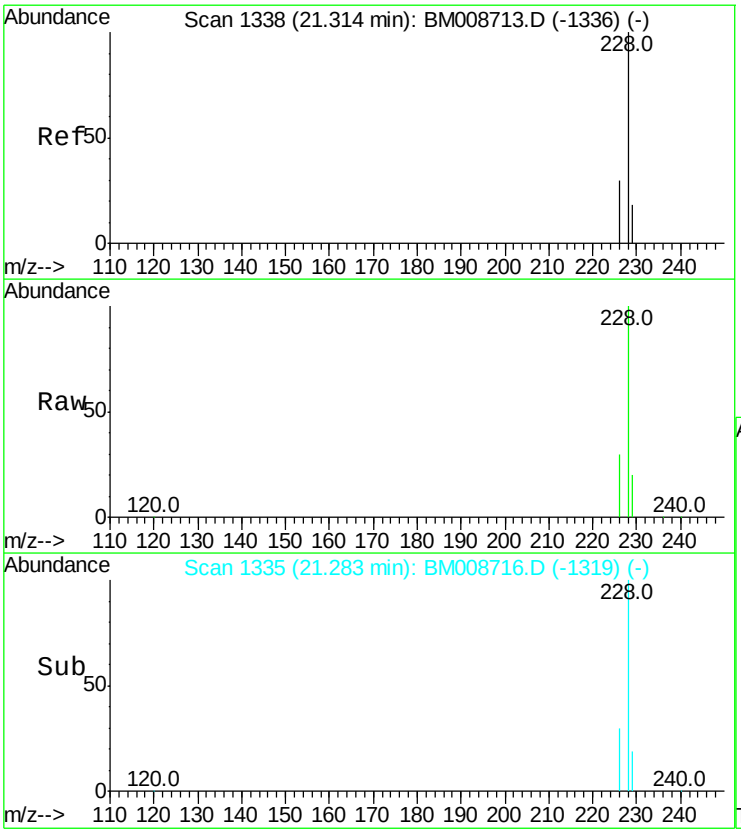
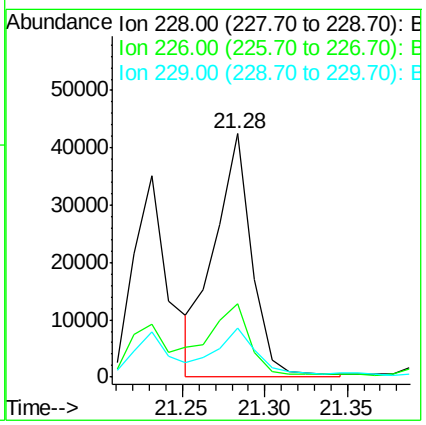
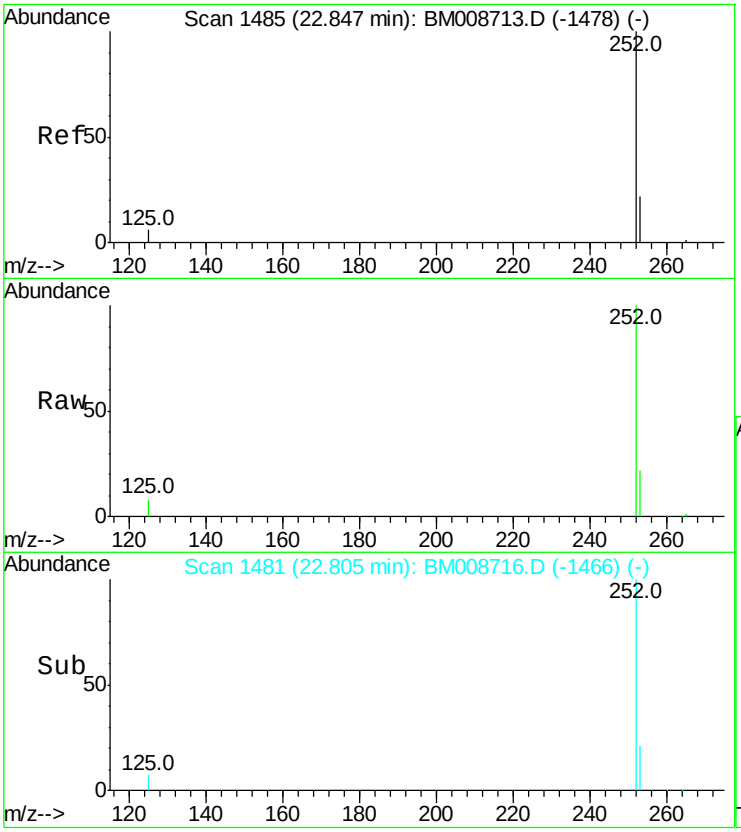


#19
Chrysene
Concen: 13.53 ng/ul m
RT: 21.28 min Scan# 1335
Delta R.T. -0.03 min
Lab File: BM008716.D
Acq: 29 Dec 2016 12:26

Tgt Ion:228 Resp: 67004

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.4	35.0
229	20.3	17.7	26.5





#21
Benzo(b)fluoranthene
Concen: 17.06 ng/ul m
RT: 22.81 min Scan# 1481
Delta R.T. -0.04 min
Lab File: BM008716.D
Acq: 29 Dec 2016 12:26

Tgt Ion:252 Resp: 121833

Ion	Ratio	Lower	Upper
252	100		
253	22.1	0.0	64.2
125	7.6	0.0	35.0

Instrument :
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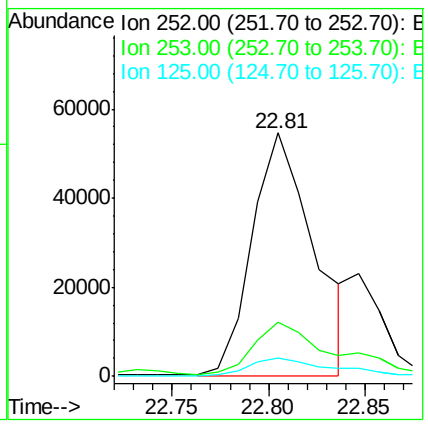
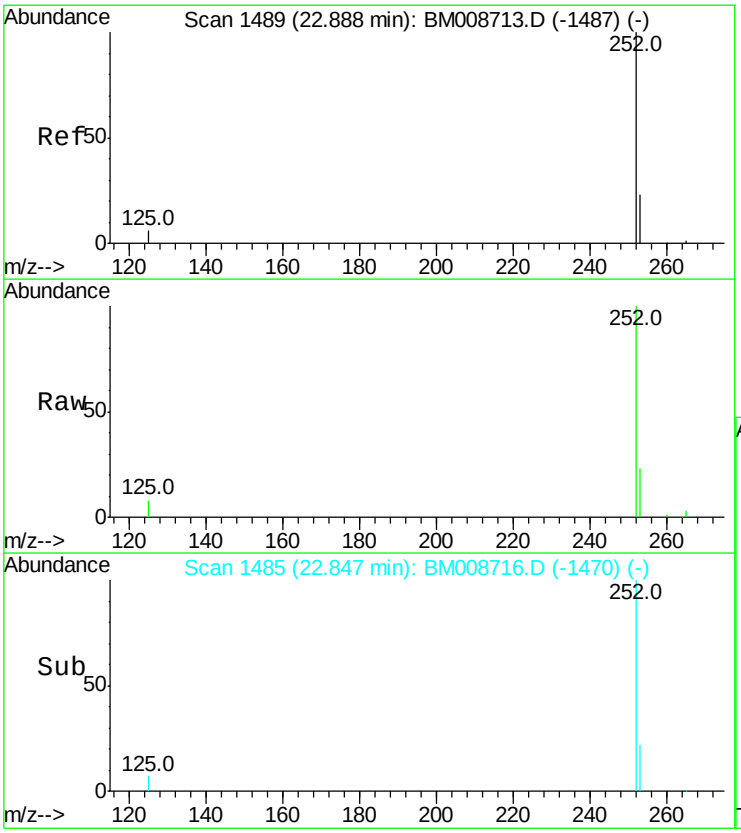
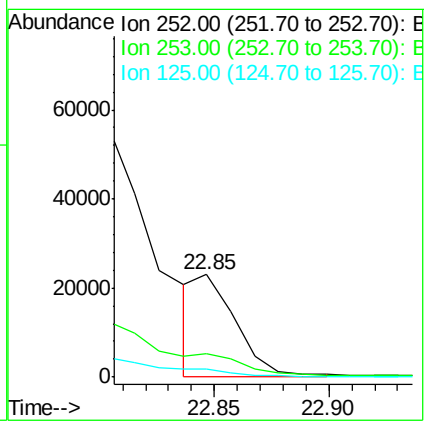


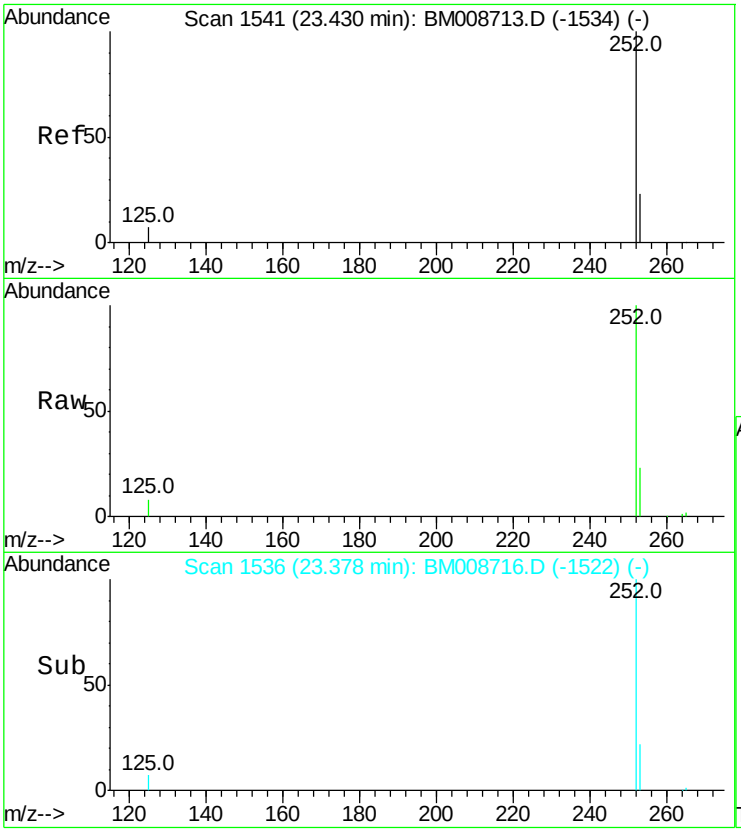


#22
Benzo(k)fluoranthene
Concen: 4.03 ng/ul m
RT: 22.85 min Scan# 1485
Delta R.T. -0.04 min
Lab File: BM008716.D
Acq: 29 Dec 2016 12:26

Tgt Ion:252 Resp: 28034

Ion	Ratio	Lower	Upper
252	100		
253	23.3	24.5	36.7#
125	7.5	13.7	20.5#





#23
Benzo(a)pyrene
Concen: 10.38 ng/ul m
RT: 23.38 min Scan# 1536
Delta R.T. -0.05 min
Lab File: BM008716.D
Acq: 29 Dec 2016 12:26

Tgt Ion:252 Resp: 68748

Ion	Ratio	Lower	Upper
252	100		
253	22.8	28.5	42.7#
125	7.7	18.1	27.1#

Instrument :
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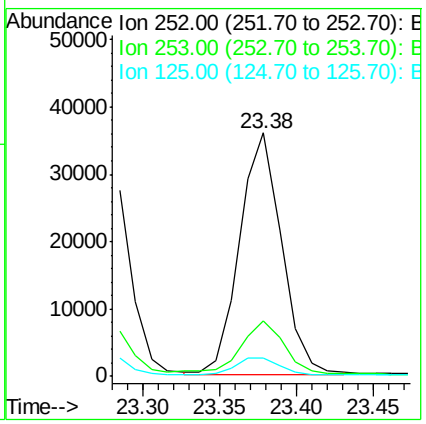
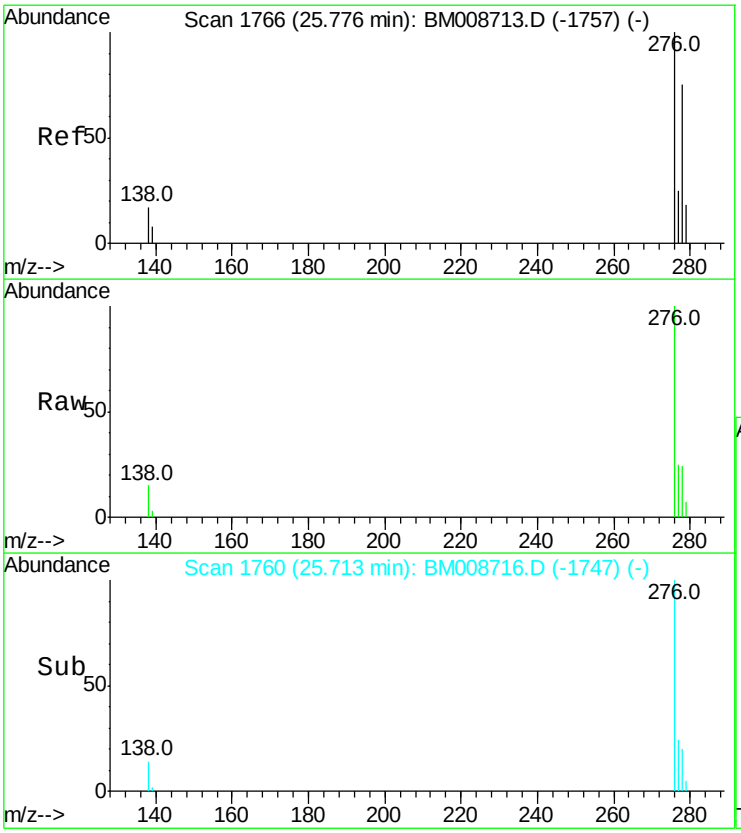
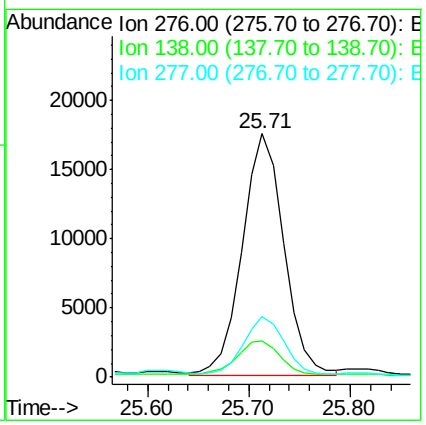


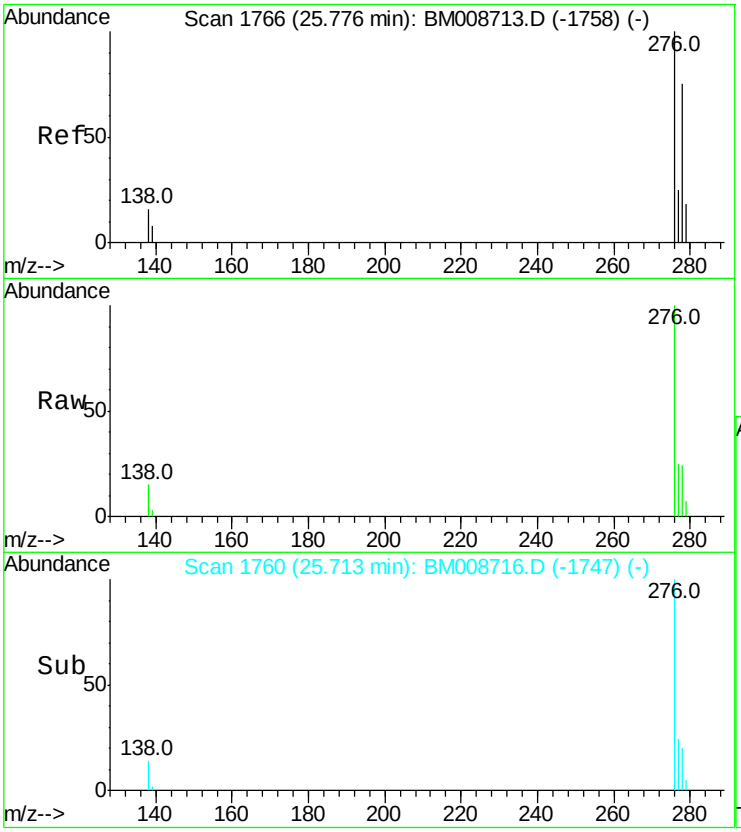


#24
Indeno(1,2,3-cd)pyrene
Concen: 6.36 ng/ul m
RT: 25.71 min Scan# 1760
Delta R.T. -0.06 min
Lab File: BM008716.D
Acq: 29 Dec 2016 12:26

Tgt Ion:276 Resp: 50189

Ion	Ratio	Lower	Upper
276	100		
138	0.0	19.1	28.7#
277	0.0	19.6	29.4#





#25
Dibenzo(a,h)anthracene
Concen: 2.53 ng/ul m
RT: 25.71 min Scan# 1760
Delta R.T. -0.06 min
Lab File: BM008716.D
Acq: 29 Dec 2016 12:26

Tgt Ion:278 Resp: 15975

Ion	Ratio	Lower	Upper
278	100		
139	13.1	17.4	26.0#
279	29.5	25.9	38.9

Instrument :
BNA_M
ClientSampleId :
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Sohil
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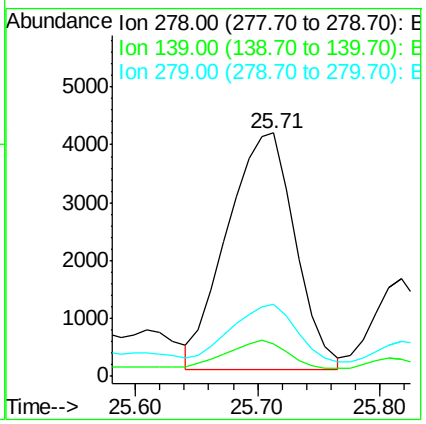

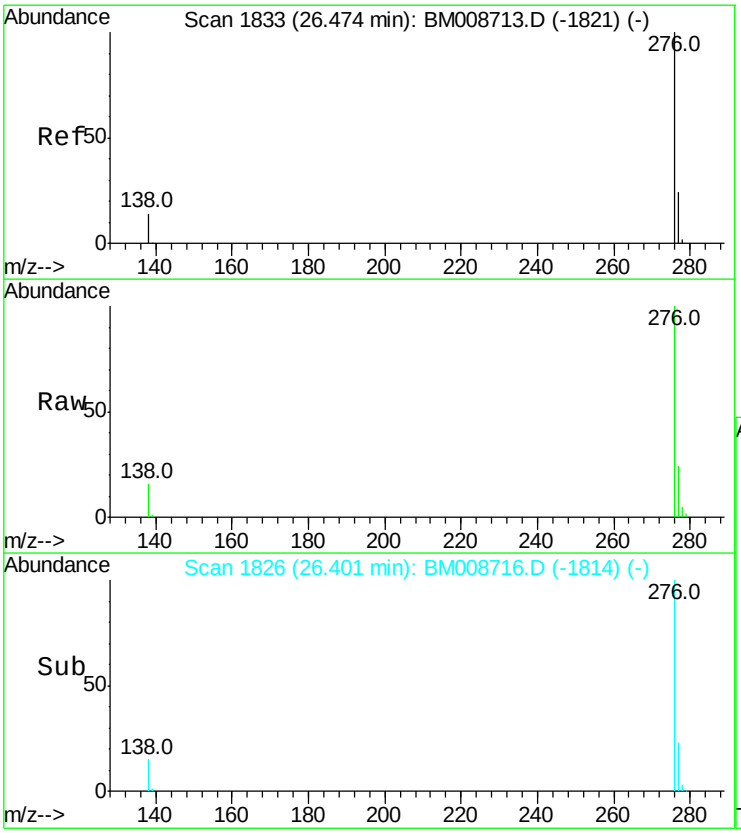

#26
Benzo(g,h,i)perylene
Concen: 6.58 ng/ul m
RT: 26.40 min Scan# 1826
Delta R.T. -0.07 min
Lab File: BM008716.D
Acq: 29 Dec 2016 12:26

Tgt Ion:276 Resp: 44492

Ion	Ratio	Lower	Upper
276	100		
277	24.1	21.8	32.8
138	15.6	20.5	30.7#