Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120216\
Data File : BM008154.D
Acq On : 02 Dec 2016 13:52
Operator : UM/SJ
Sample : H5730-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4WH2

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Quant Time: Dec 02 16:59:07 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 02 15:28:31 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	631	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.48	136	2094	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.33	164	1179	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.09	188	2086m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.28	240	1987	0.40	ng/ul	-0.01
20) Perylene-d12	23.52	264	1684m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.09	152	726	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	1366	0.23	ng/ul	-0.02
Target Compounds						Qvalue
7) Acenaphthylene	14.04	152	846	0.16	ng/ul#	85
8) Acenaphthene	14.38	153	145	0.04	ng/ul#	85
9) Fluorene	15.39	166	290	0.06	ng/ul#	87
12) Phenanthrene	17.12	178	4311	0.66	ng/ul	94
13) Anthracene	17.21	178	1121	0.18	ng/ul#	86
15) Fluoranthene	19.14	202	8338m	0.99	ng/ul	
17) Pyrene	19.51	202	7964	1.15	ng/ul	98
18) Benzo(a)anthracene	21.26	228	3219	0.53	ng/ul	93
19) Chrysene	21.31	228	3884	0.51	ng/ul	95
21) Benzo(b)fluoranthene	22.85	252	5202m	0.77	ng/ul	
22) Benzo(k)fluoranthene	22.89	252	1179m	0.17	ng/ul	
23) Benzo(a)pyrene	23.42	252	3280m	0.52	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.77	276	2519m	0.32	ng/ul	
25) Dibenzo(a,h)anthracene	25.77	278	811m	0.13	ng/ul	
26) Benzo(g,h,i)perylene	26.45	276	2468m	0.36	ng/ul	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120216\
Data File : BM008154.D
Acq On : 02 Dec 2016 13:52
Operator : UM/SJ
Sample : H5730-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 02 16:59:07 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 02 15:28:31 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
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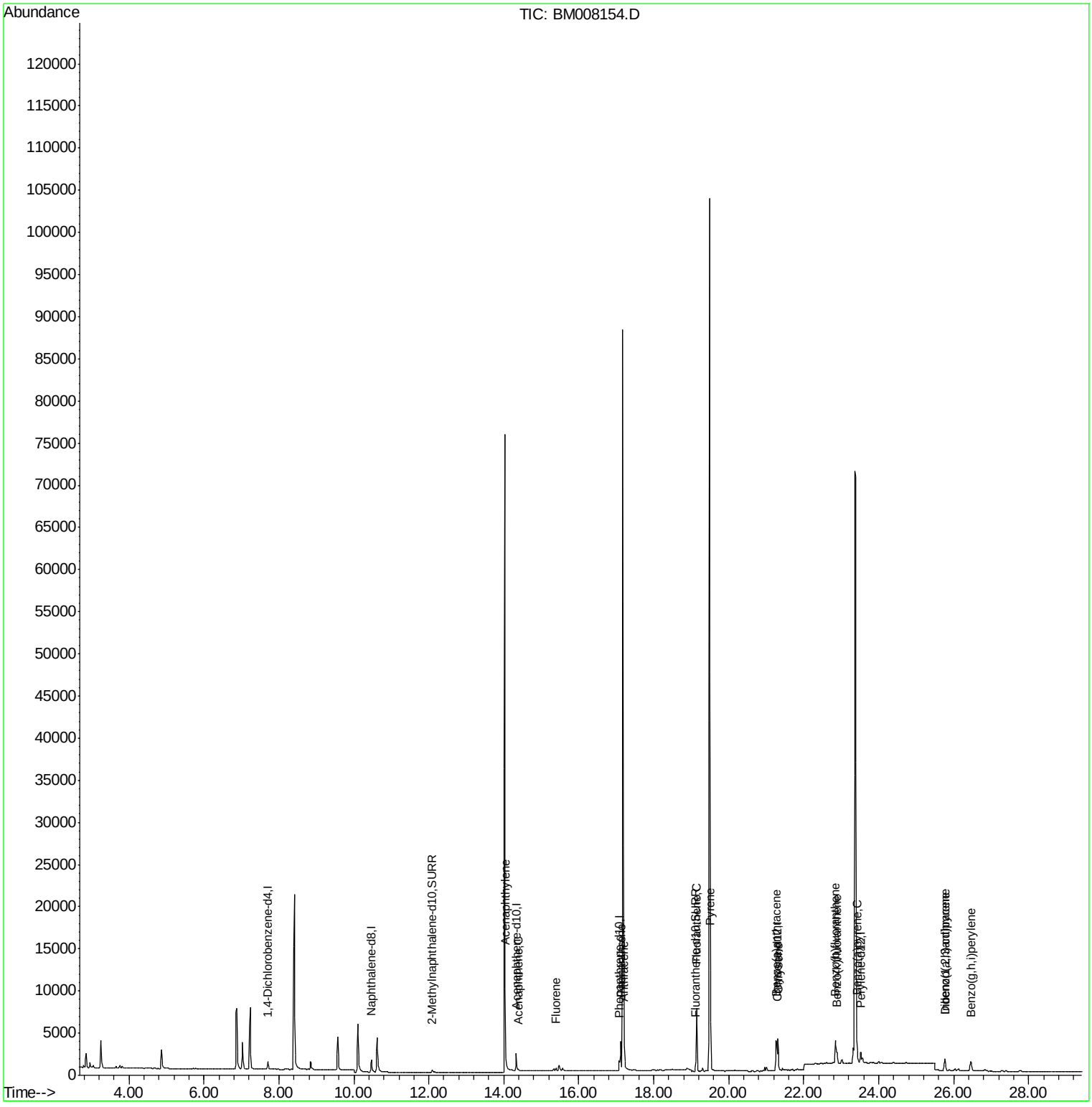
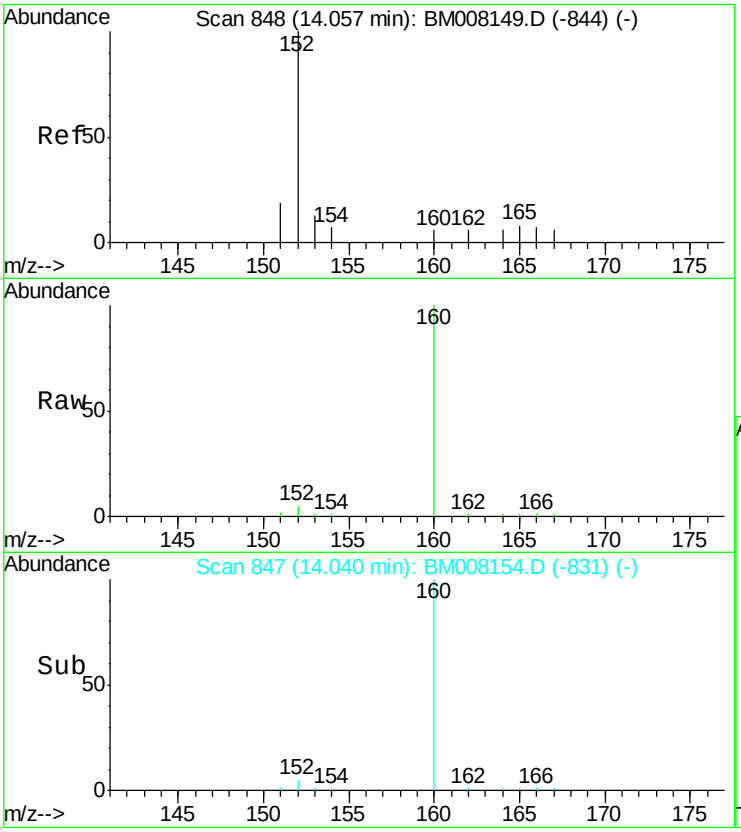
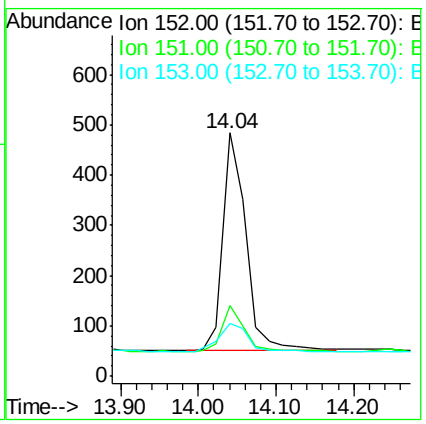




#7
Acenaphthylene
Concen: 0.16 ng/ul
RT: 14.04 min Scan# 847
Delta R.T. -0.02 min
Lab File: BM008154.D
Acq: 02 Dec 2016 13:52

Tgt Ion:152 Resp: 846

Ion	Ratio	Lower	Upper
152	100		
151	29.1	17.1	25.7#
153	21.7	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
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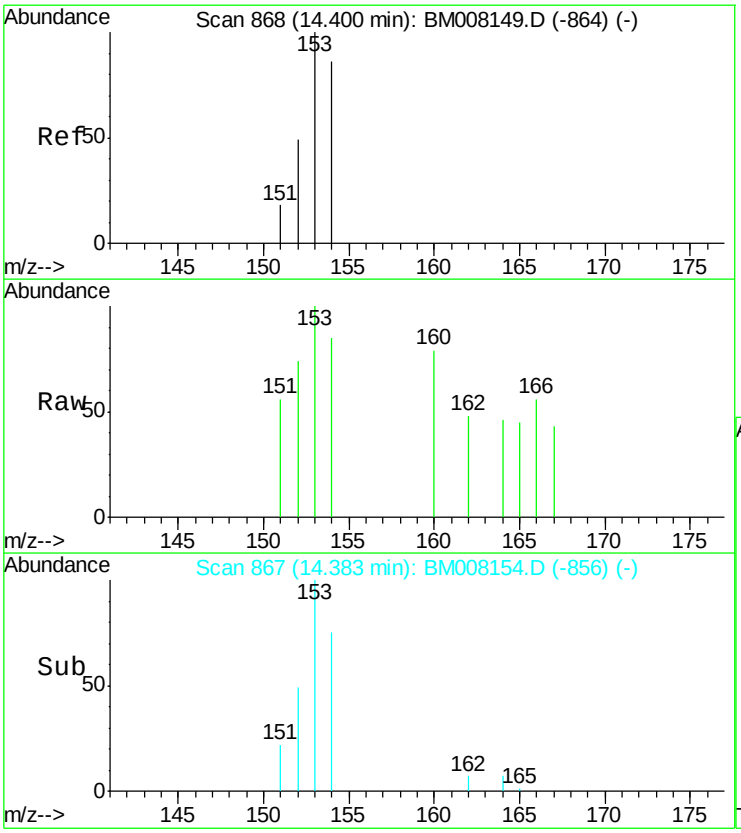
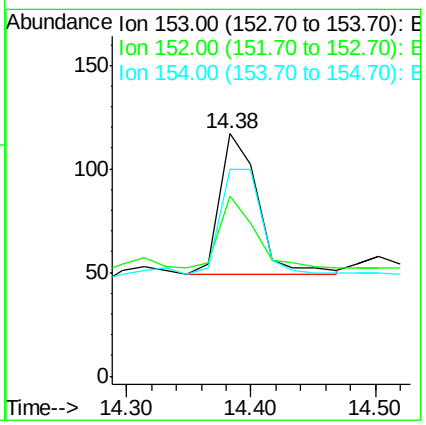
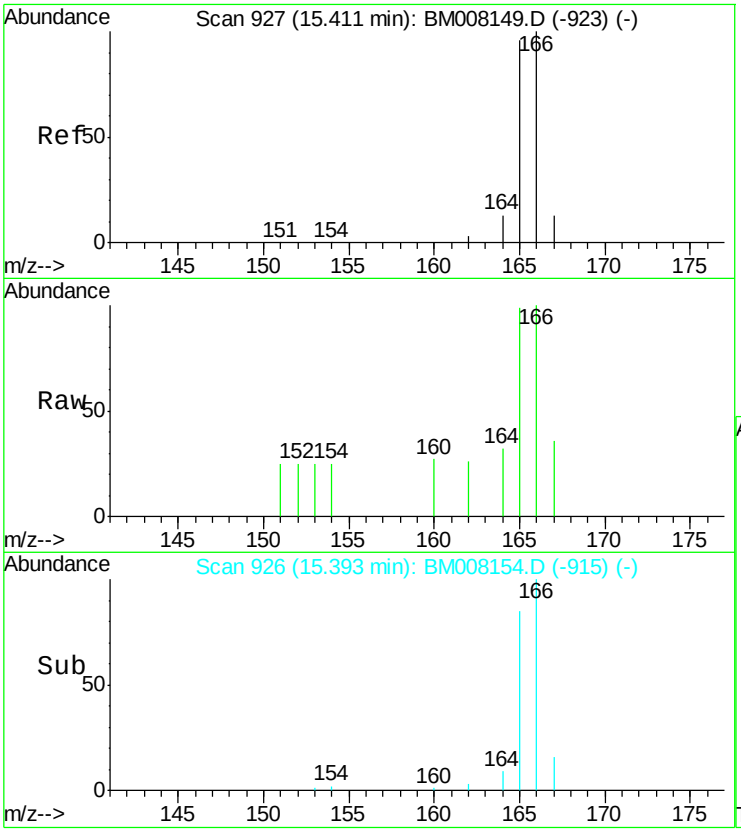


#8
Acenaphthene
Concen: 0.04 ng/ul
RT: 14.38 min Scan# 867
Delta R.T. -0.02 min
Lab File: BM008154.D
Acq: 02 Dec 2016 13:52

Tgt Ion:153 Resp: 145

Ion	Ratio	Lower	Upper
153	100		
152	74.4	40.3	60.5#
154	85.5	71.4	107.2

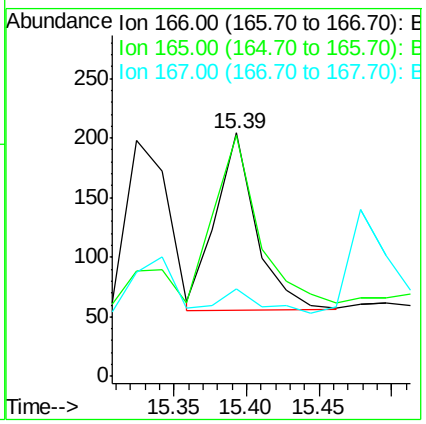




#9
Fluorene
Concen: 0.06 ng/ul
RT: 15.39 min Scan# 926
Delta R.T. -0.02 min
Lab File: BM008154.D
Acq: 02 Dec 2016 13:52

Tgt Ion:166 Resp: 290

Ion	Ratio	Lower	Upper
166	100		
165	99.0	73.4	110.2
167	36.3	14.6	22.0#



Instrument :
BNA_M
ClientSampleId :
A4WH2

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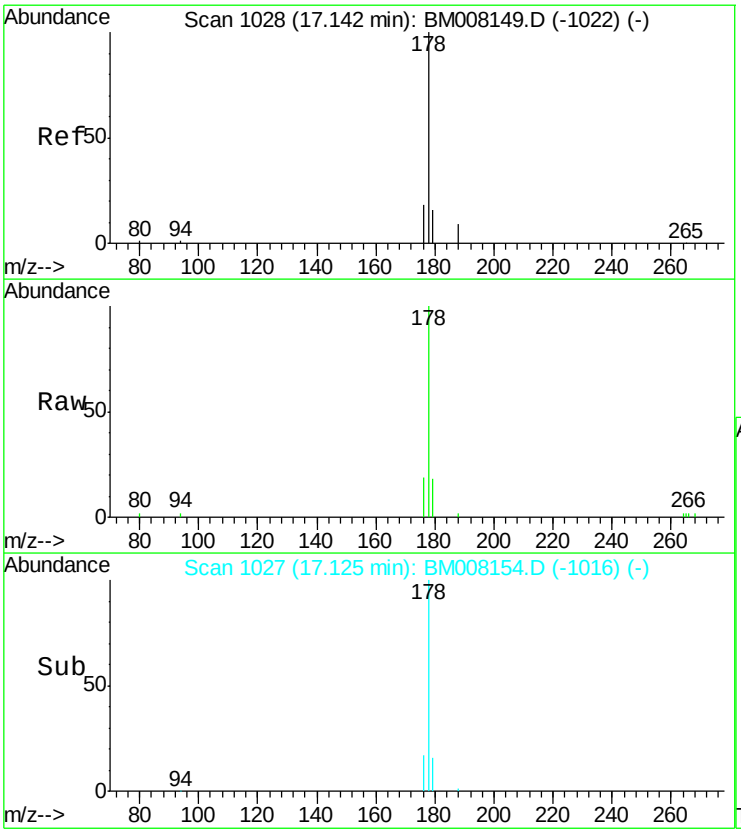
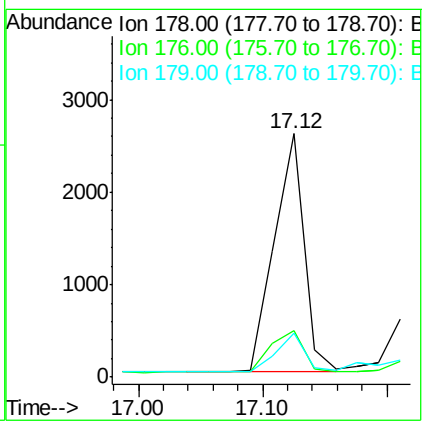
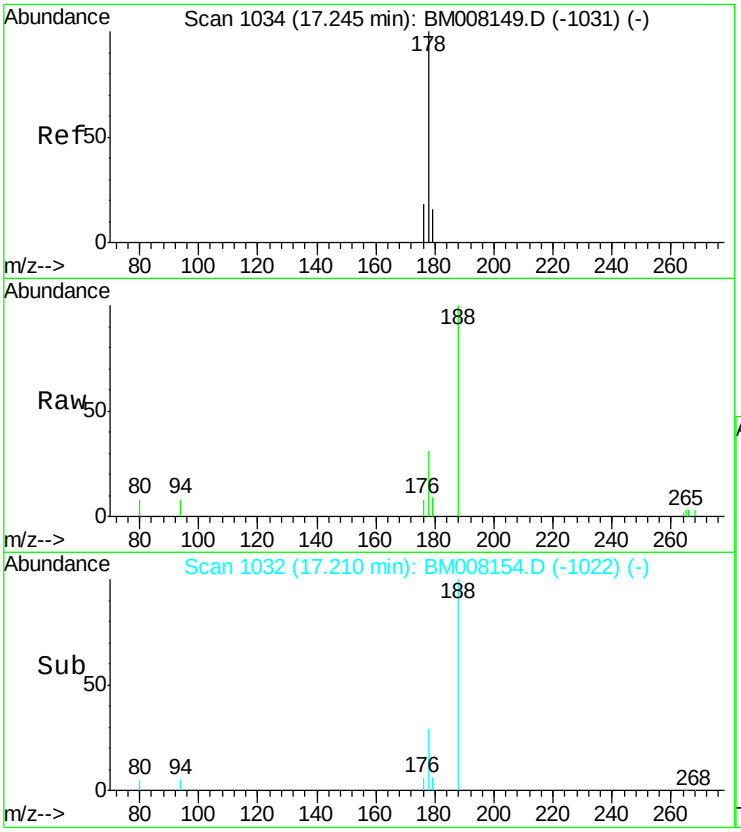


#12
Phenanthrene
Concen: 0.66 ng/ul
RT: 17.12 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BM008154.D
Acq: 02 Dec 2016 13:52

Tgt Ion:178 Resp: 4311

Ion	Ratio	Lower	Upper
178	100		
176	19.1	18.4	27.6
179	18.3	13.6	20.4





#13
Anthracene
Concen: 0.18 ng/ul
RT: 17.21 min Scan# 1032
Delta R.T. -0.03 min
Lab File: BM008154.D
Acq: 02 Dec 2016 13:52

Tgt Ion:178 Resp: 1121

Ion	Ratio	Lower	Upper
178	100		
176	26.2	18.1	27.1
179	28.4	14.7	22.1#

Instrument :
BNA_M
ClientSampleId :
A4WH2

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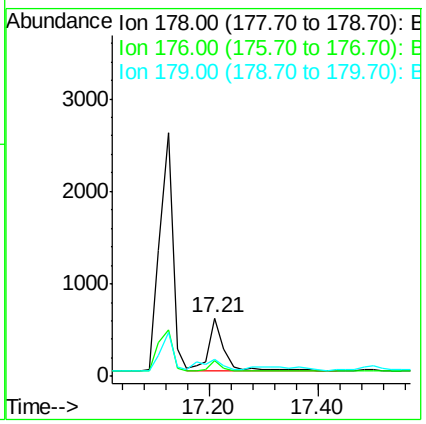
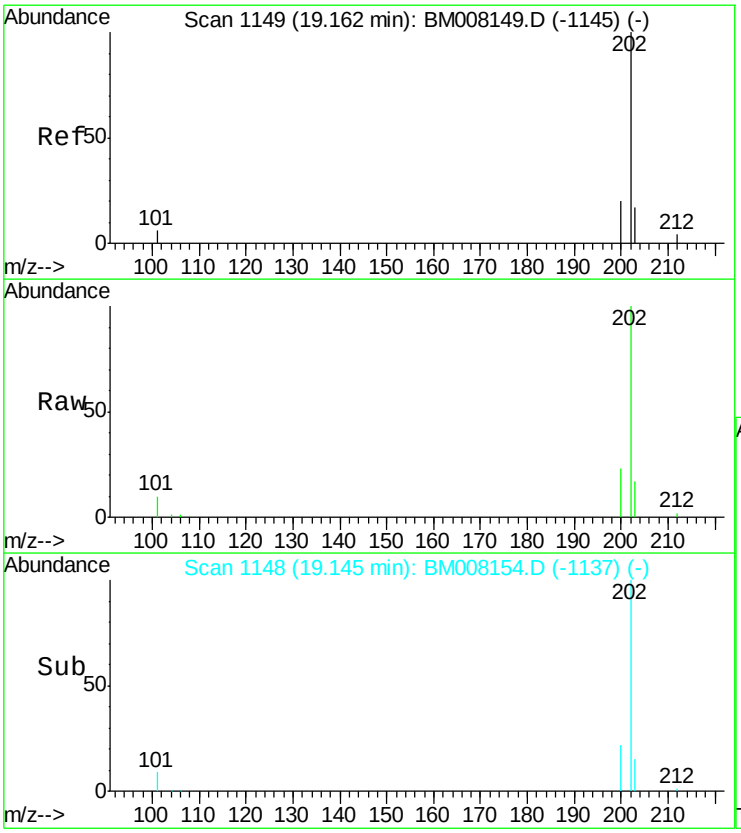
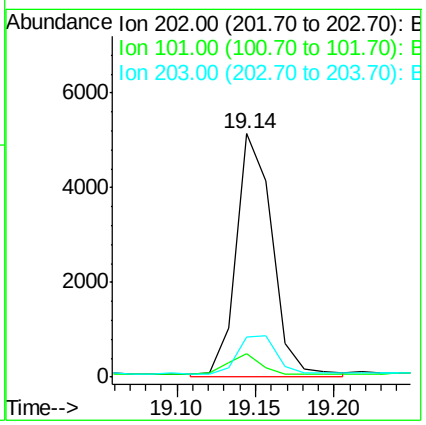


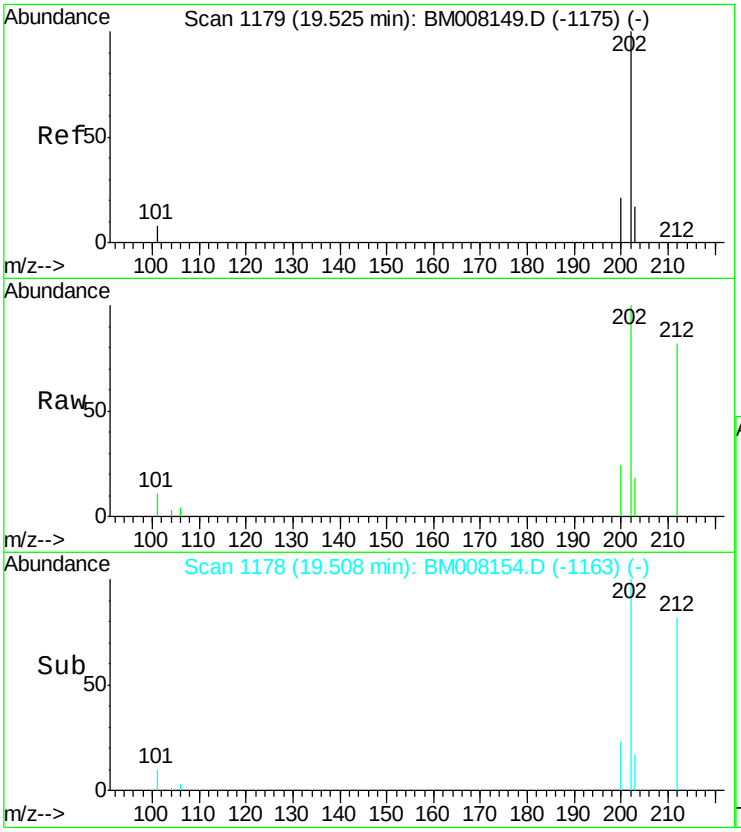


#15
Fluoranthene
Concen: 0.99 ng/ul m
RT: 19.14 min Scan# 1148
Delta R.T. -0.02 min
Lab File: BM008154.D
Acq: 02 Dec 2016 13:52

Tgt Ion:202 Resp: 8338

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	30.3
203	16.7	0.0	39.5

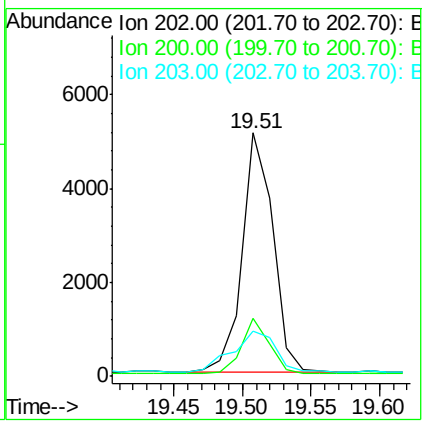




#17
Pyrene
Concen: 1.15 ng/ul
RT: 19.51 min Scan# 1178
Delta R.T. -0.02 min
Lab File: BM008154.D
Acq: 02 Dec 2016 13:52

Tgt Ion:202 Resp: 7964

Ion	Ratio	Lower	Upper
202	100		
200	23.6	18.2	27.4
203	18.3	15.6	23.4



Instrument :
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ClientSampleId :
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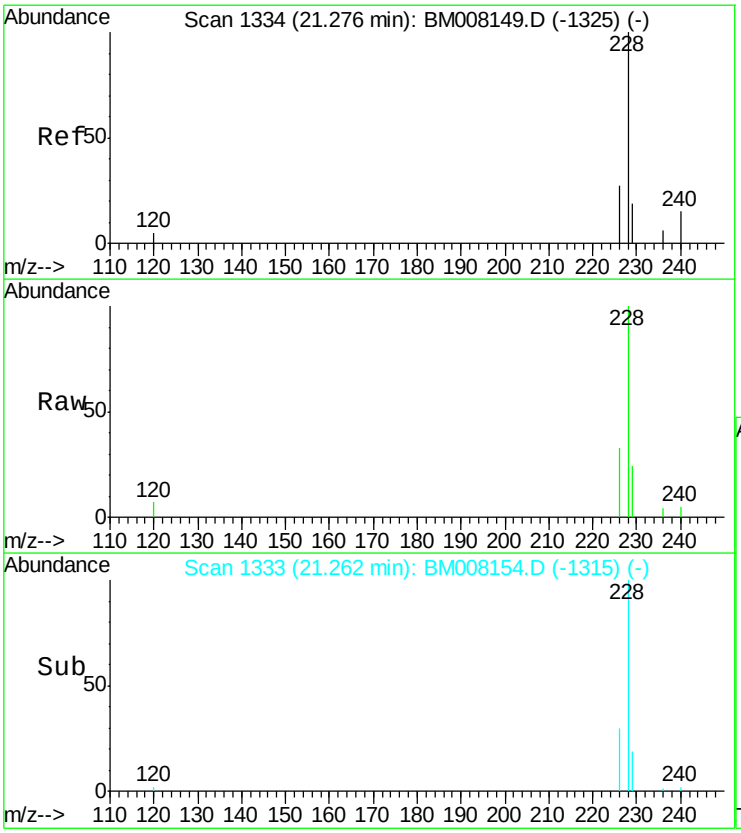
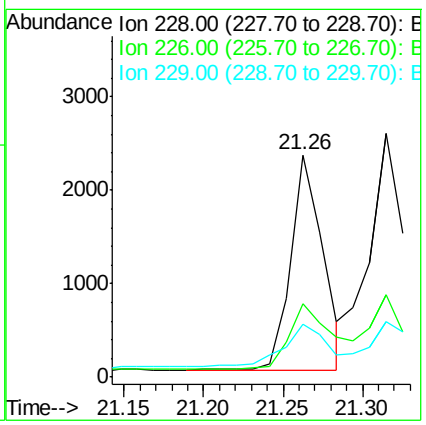
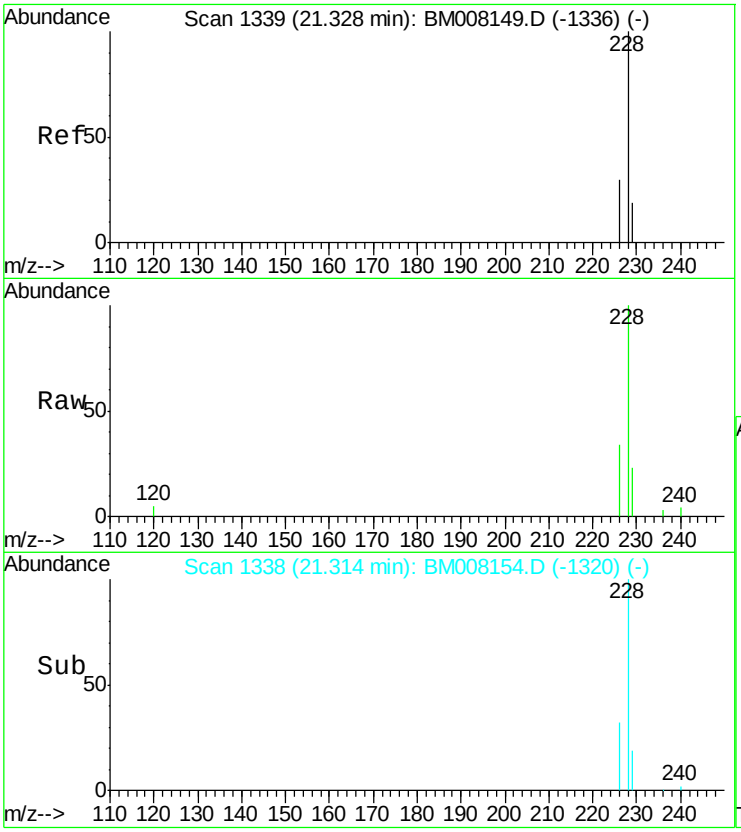


#18
Benzo(a)anthracene
Concen: 0.53 ng/ul
RT: 21.26 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BM008154.D
Acq: 02 Dec 2016 13:52

Tgt Ion:228 Resp: 3219

Ion	Ratio	Lower	Upper
228	100		
226	33.0	22.8	34.2
229	23.9	17.0	25.6

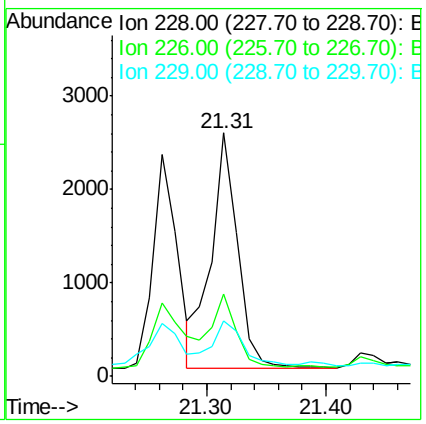




#19
Chrysene
Concen: 0.51 ng/ul
RT: 21.31 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BM008154.D
Acq: 02 Dec 2016 13:52

Tgt Ion:228 Resp: 3884

Ion	Ratio	Lower	Upper
228	100		
226	33.8	23.4	35.0
229	22.6	17.7	26.5



Instrument :
BNA_M
ClientSampleId :
A4WH2

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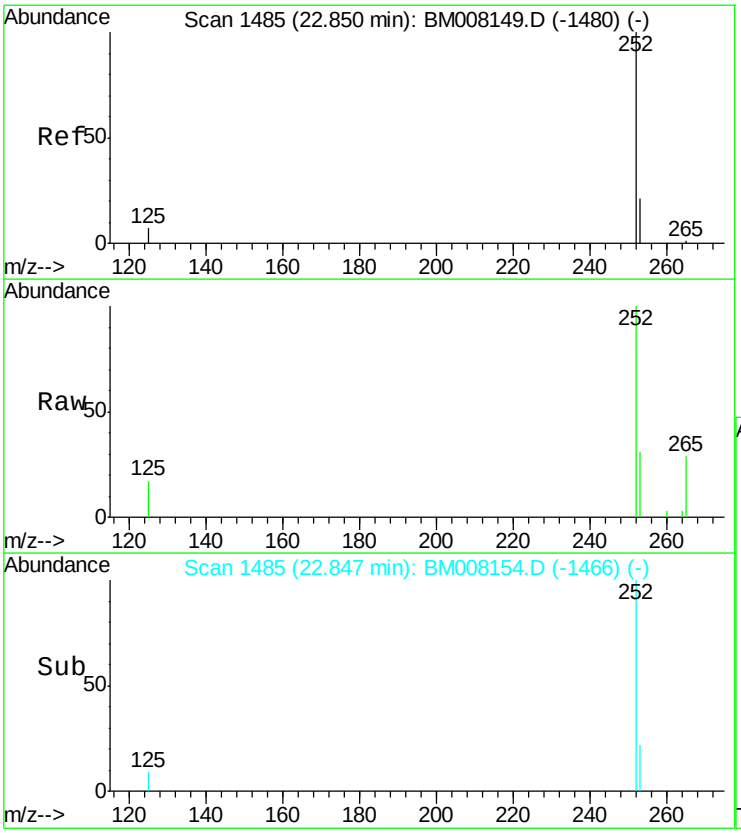
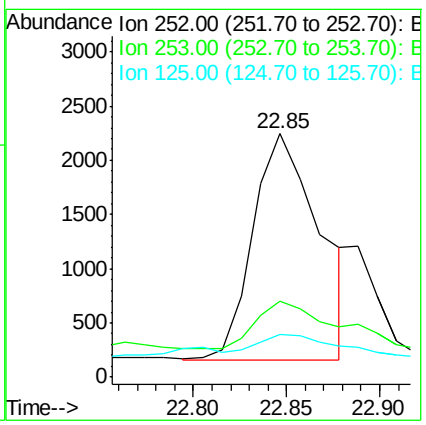
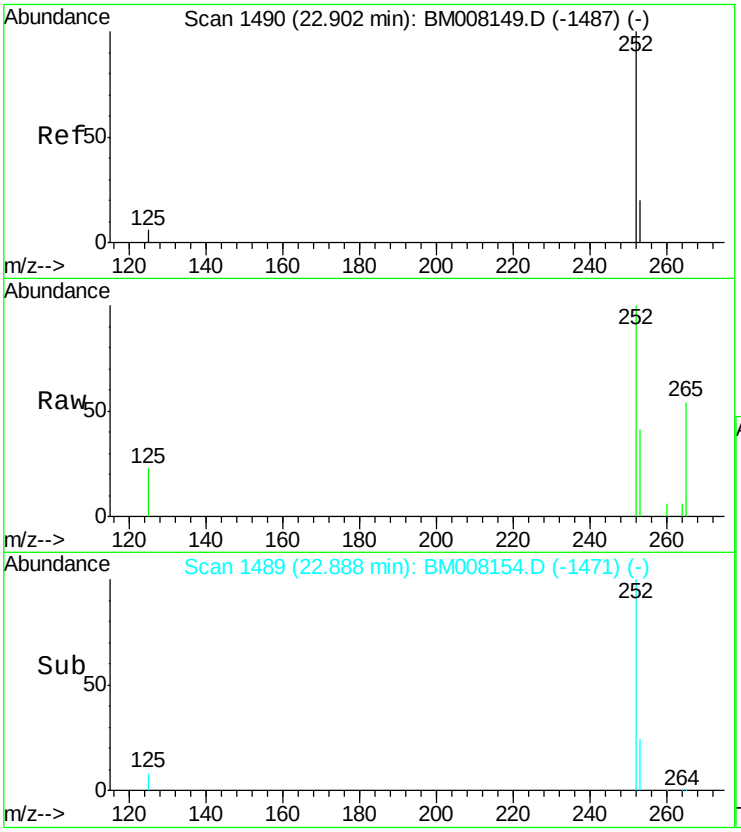


#21
Benzo(b)fluoranthene
Concen: 0.77 ng/ul m
RT: 22.85 min Scan# 1485
Delta R.T. -0.00 min
Lab File: BM008154.D
Acq: 02 Dec 2016 13:52

Tgt Ion:252 Resp: 5202

Ion	Ratio	Lower	Upper
252	100		
253	31.3	0.0	64.2
125	17.3	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 0.17 ng/ul m
RT: 22.89 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BM008154.D
Acq: 02 Dec 2016 13:52

Tgt Ion:252 Resp: 1179

Ion	Ratio	Lower	Upper
252	100		
253	40.6	24.5	36.7#
125	22.6	13.7	20.5#

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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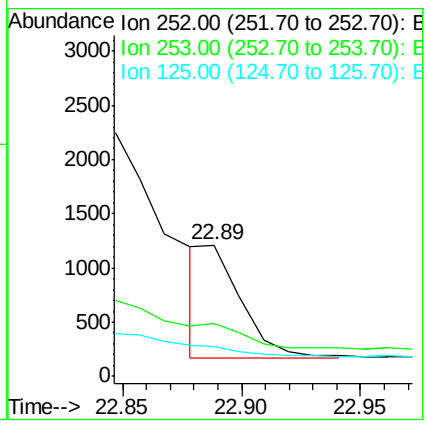
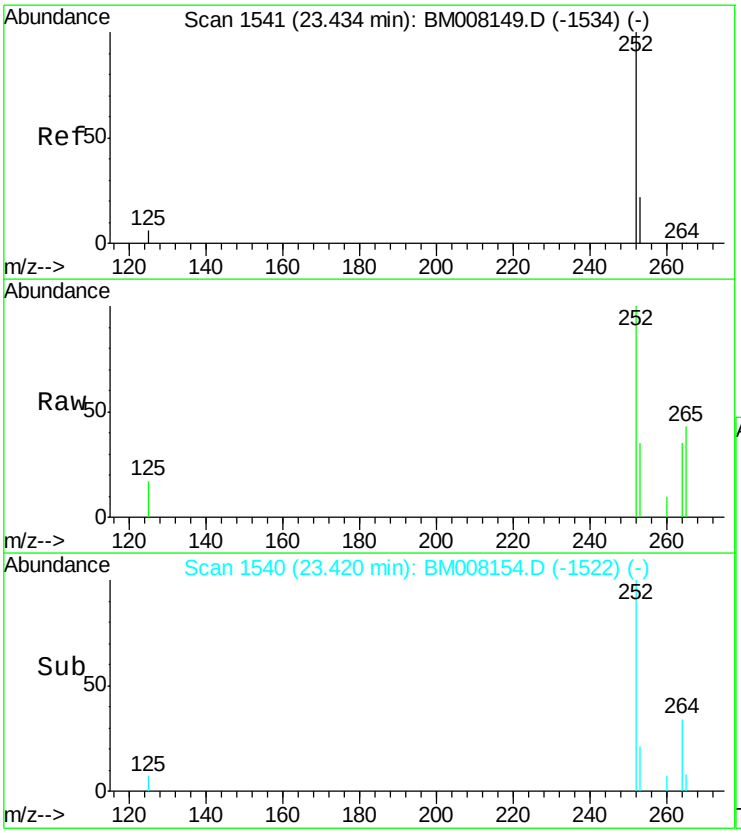
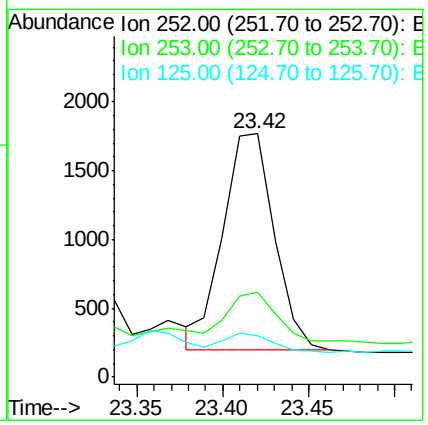


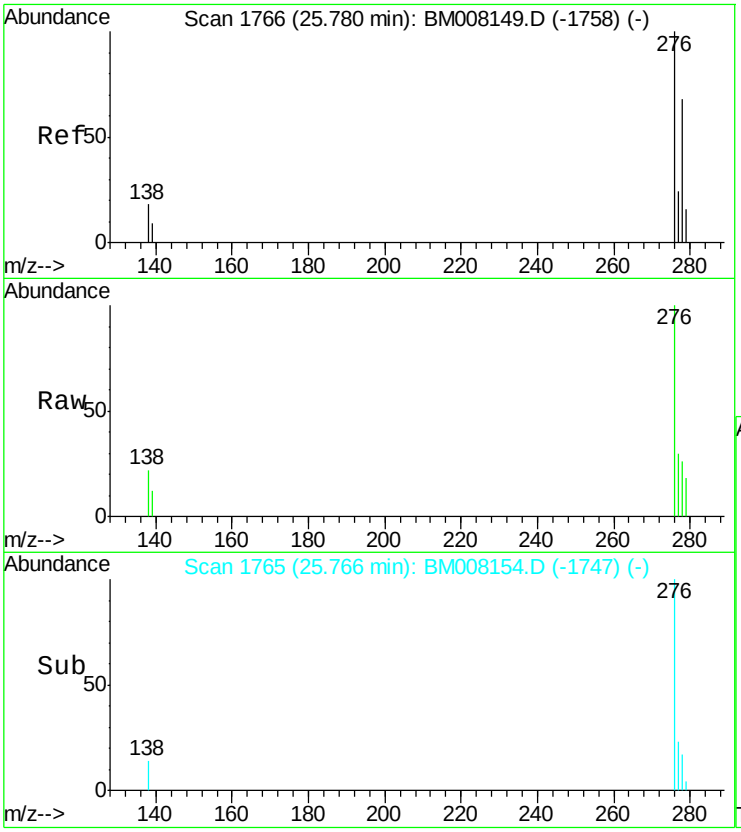


#23
Benzo(a)pyrene
Concen: 0.52 ng/ul m
RT: 23.42 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BM008154.D
Acq: 02 Dec 2016 13:52

Tgt Ion:252 Resp: 3280

Ion	Ratio	Lower	Upper
252	100		
253	34.9	28.5	42.7
125	16.9	18.1	27.1#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.32 ng/ul m
RT: 25.77 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BM008154.D
Acq: 02 Dec 2016 13:52

Tgt Ion:276 Resp: 2519

Ion	Ratio	Lower	Upper
276	100		
138	42.9	19.1	28.7#
277	48.5	19.6	29.4#

Instrument :
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ClientSampleId :
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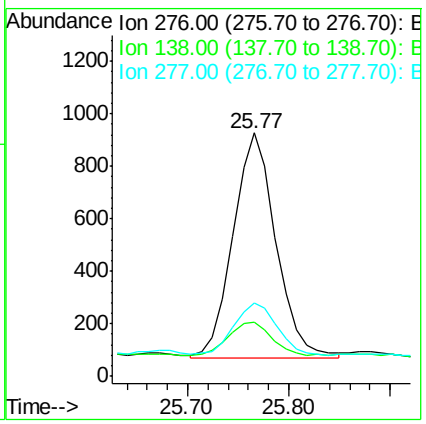
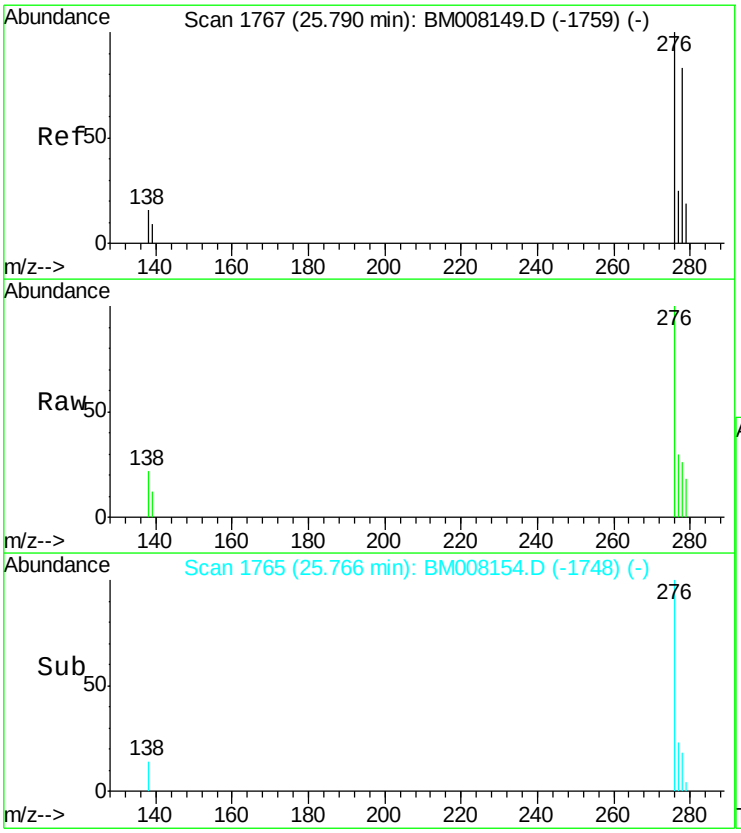
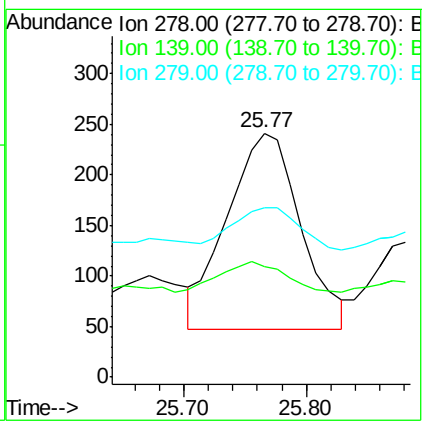


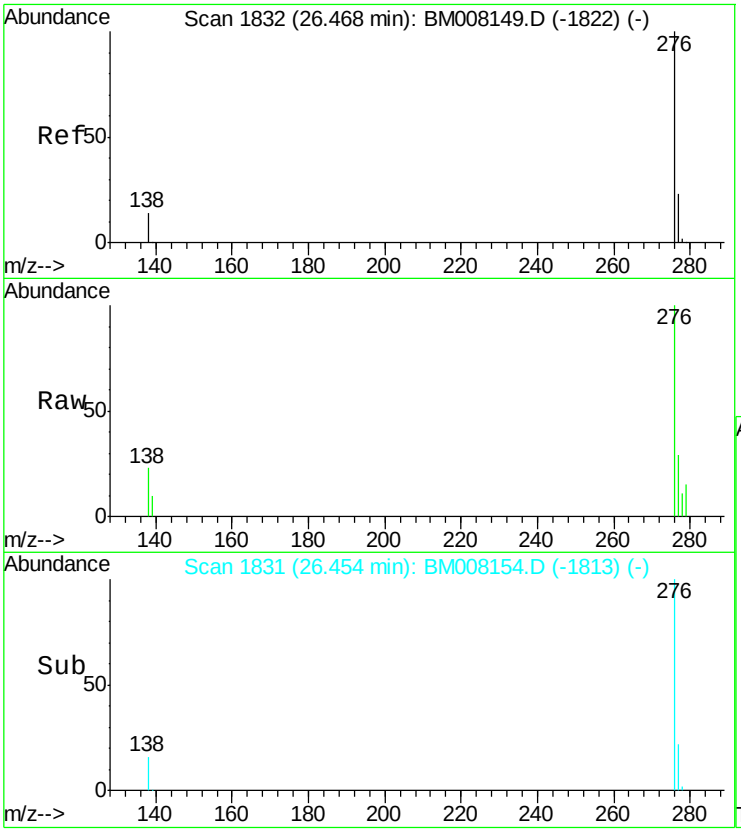


#25
Dibenzo(a,h)anthracene
Concen: 0.13 ng/ul m
RT: 25.77 min Scan# 1765
Delta R.T. -0.02 min
Lab File: BM008154.D
Acq: 02 Dec 2016 13:52

Tgt Ion:278 Resp: 811

Ion	Ratio	Lower	Upper
278	100		
139	45.6	17.4	26.0#
279	69.7	25.9	38.9#

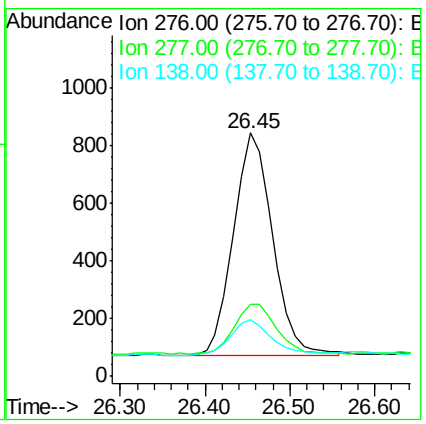




#26
Benzo(g,h,i)perylene
Concen: 0.36 ng/ul m
RT: 26.45 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BM008154.D
Acq: 02 Dec 2016 13:52

Tgt Ion:276 Resp: 2468

Ion	Ratio	Lower	Upper
276	100		
277	29.5	21.8	32.8
138	23.2	20.5	30.7



Instrument :
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ClientSampleId :
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