Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM070816\
Data File : BM006343.D
Acq On : 08 Jul 2016 06:08
Operator : UM/SJ
Sample : H3811-17DL 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4TW5DL

Manual Integrations
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Quant Time: Jul 08 08:56:48 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM070716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 08 08:04:54 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	4862	0.40	ng/ul	0.00
4) Naphthalene-d8	10.42	136	18907	0.40	ng/ul	-0.01
8) Acenaphthene-d10	14.28	164	10537	0.40	ng/ul	-0.02
12) Phenanthrene-d10	17.04	188	22751	0.40	ng/ul	0.00
18) Chrysene-d12	21.24	240	15953	0.40	ng/ul	0.00
22) Perylene-d12	23.44	264	14684	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	1838	0.89	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.02	152	1591	0.07	ng/ul	0.00
16) Fluoranthene-d10	19.07	212	4927	0.10	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.46	128	896	0.02	ng/ul#	71
9) Acenaphthylene	14.01	152	3676	0.10	ng/ul#	93
11) Fluorene	15.34	166	985	0.02	ng/ul#	80
14) Phenanthrene	17.07	178	17075	0.27	ng/ul#	93
15) Anthracene	17.16	178	4331m	0.07	ng/ul	
17) Fluoranthene	19.11	202	36537	0.53	ng/ul	92
19) Pyrene	19.47	202	42715	0.64	ng/ul	93
20) Benzo(a)anthracene	21.22	228	16900	0.33	ng/ul#	86
21) Chrysene	21.27	228	20160	0.40	ng/ul	95
23) Benzo(b)fluoranthene	22.78	252	20361m	0.39	ng/ul	
24) Benzo(k)fluoranthene	22.81	252	7526m	0.15	ng/ul	
25) Benzo(a)pyrene	23.35	252	14432	0.30	ng/ul	96
26) Indeno(1,2,3-cd)pyrene	25.65	276	10181	0.19	ng/ul#	86
27) Dibenzo(a,h)anthracene	25.66	278	2648m	0.06	ng/ul	
28) Benzo(g,h,i)perylene	26.33	276	7854	0.17	ng/ul	96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM070816\
Data File : BM006343.D
Acq On : 08 Jul 2016 06:08
Operator : UM/SJ
Sample : H3811-17DL 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Jul 08 08:56:48 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM070716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 08 08:04:54 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
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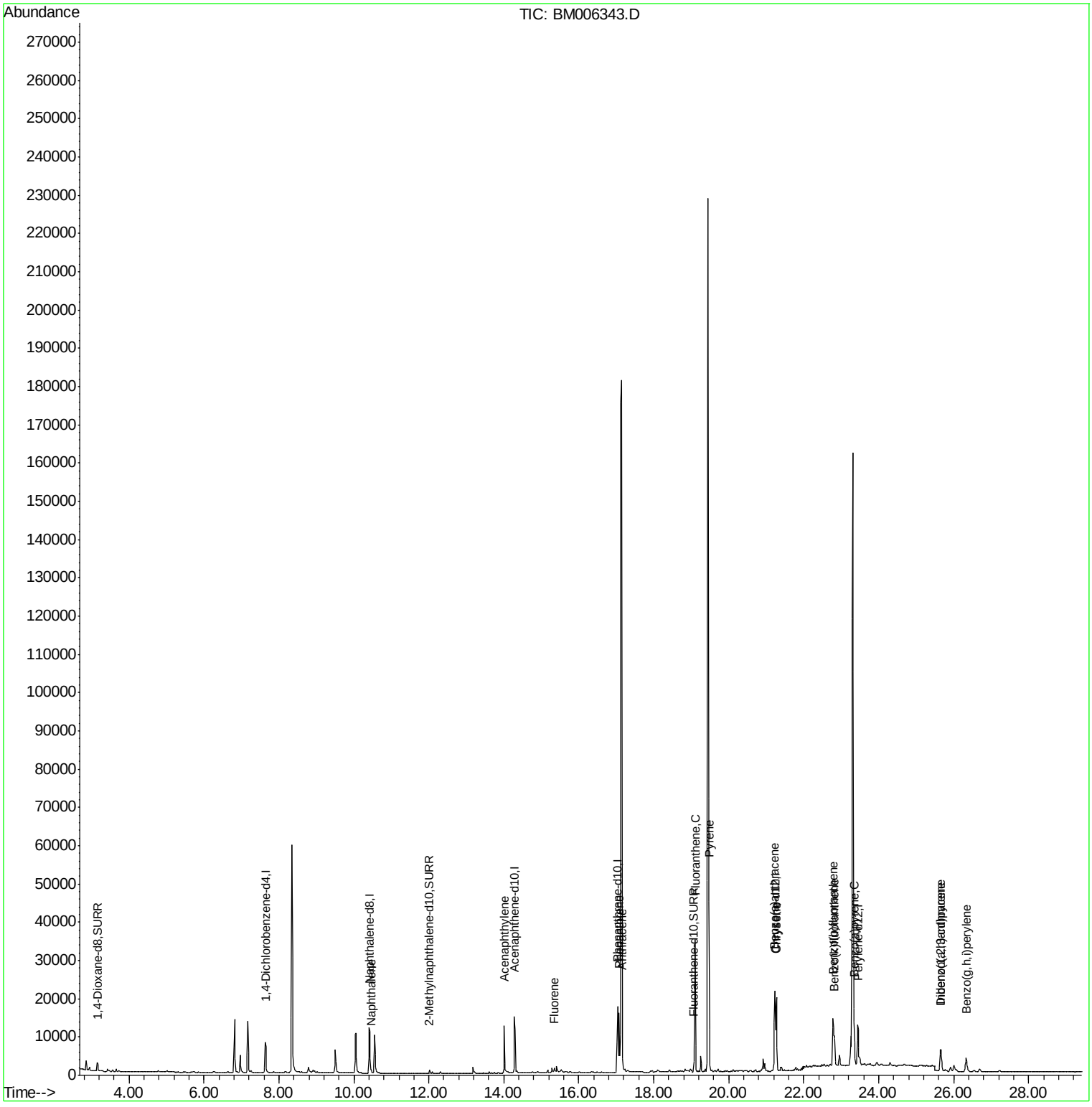
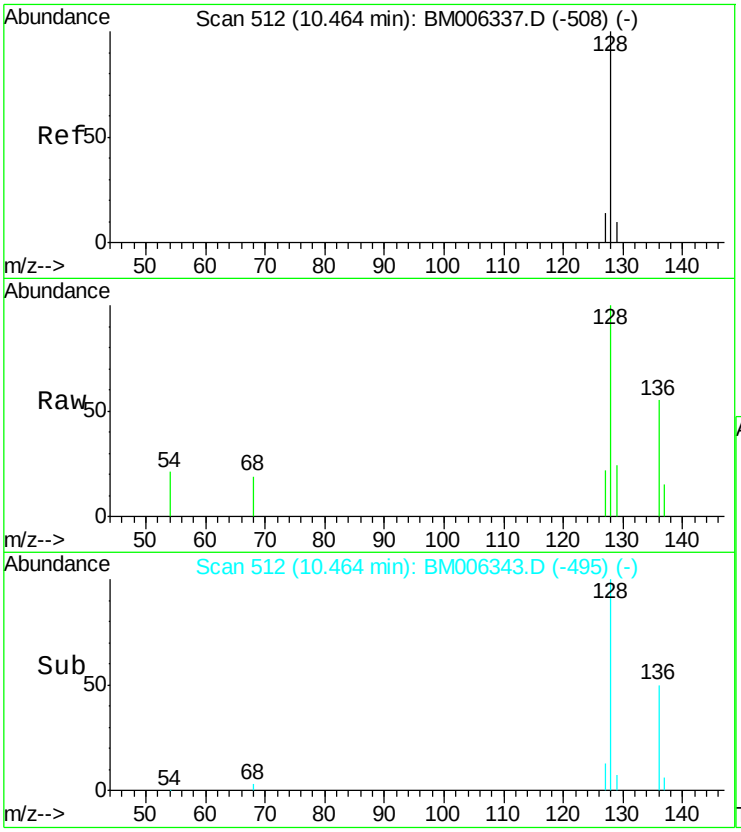
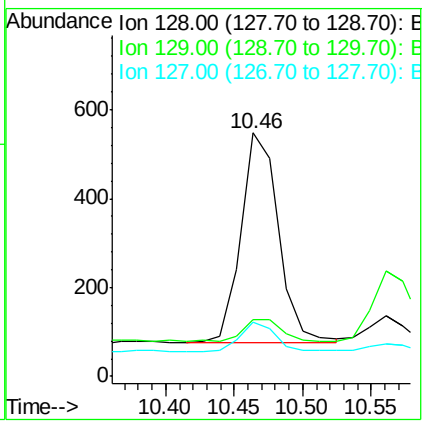




#5
Naphthalene
Concen: 0.02 ng/ul
RT: 10.46 min Scan# 512
Delta R.T. 0.00 min
Lab File: BM006343.D
Acq: 08 Jul 2016 06:08

Tgt Ion:128 Resp: 896

Ion	Ratio	Lower	Upper
128	100		
129	23.5	9.0	13.6#
127	22.1	9.6	14.4#



Instrument :
BNA_M
ClientSampleId :
A4TW5DL

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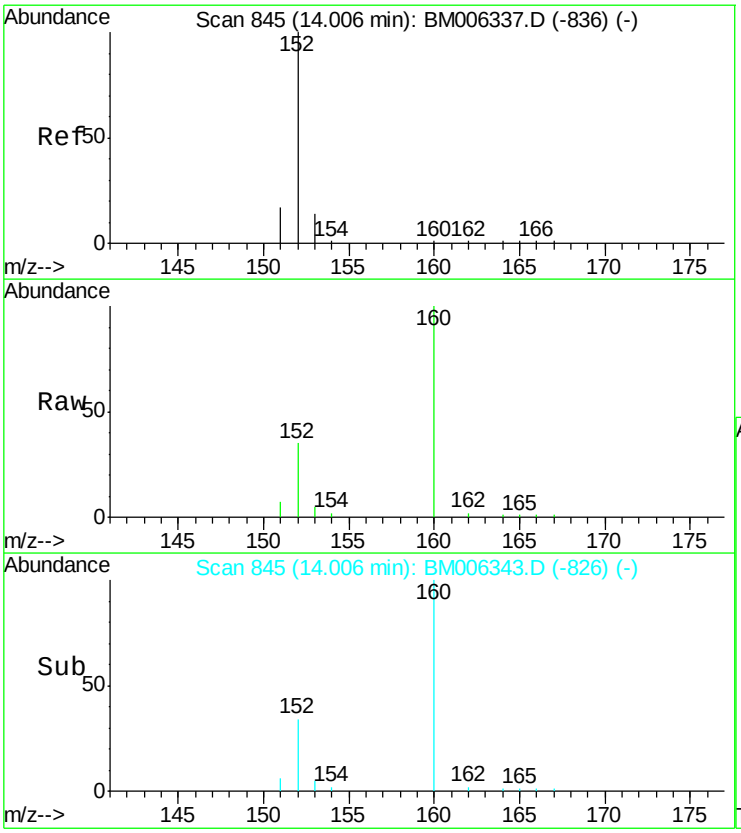
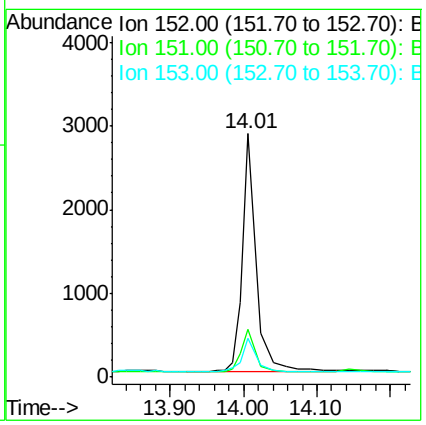
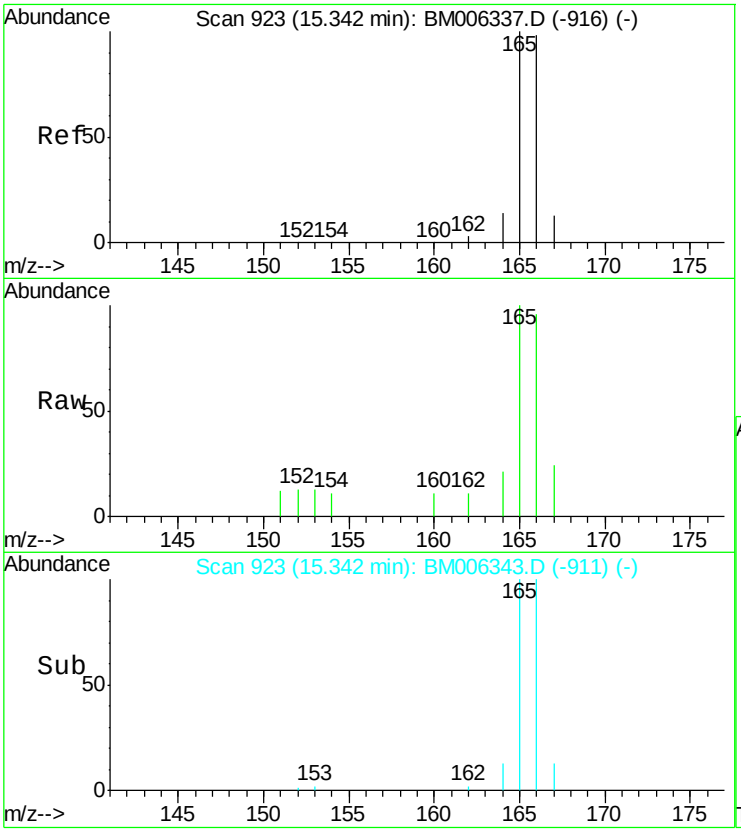


#9
Acenaphthylene
Concen: 0.10 ng/ul
RT: 14.01 min Scan# 845
Delta R.T. 0.00 min
Lab File: BM006343.D
Acq: 08 Jul 2016 06:08

Tgt Ion:152 Resp: 3676

Ion	Ratio	Lower	Upper
152	100		
151	19.6	17.6	26.4
153	15.8	9.7	14.5#

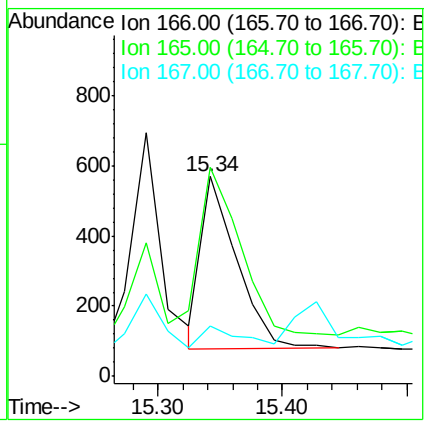




#11
Fluorene
Concen: 0.02 ng/ul
RT: 15.34 min Scan# 923
Delta R.T. 0.00 min
Lab File: BM006343.D
Acq: 08 Jul 2016 06:08

Tgt Ion:166 Resp: 985

Ion	Ratio	Lower	Upper
166	100		
165	104.4	69.6	104.4
167	25.3	11.9	17.9#



Instrument :
BNA_M
ClientSampleId :
A4TW5DL

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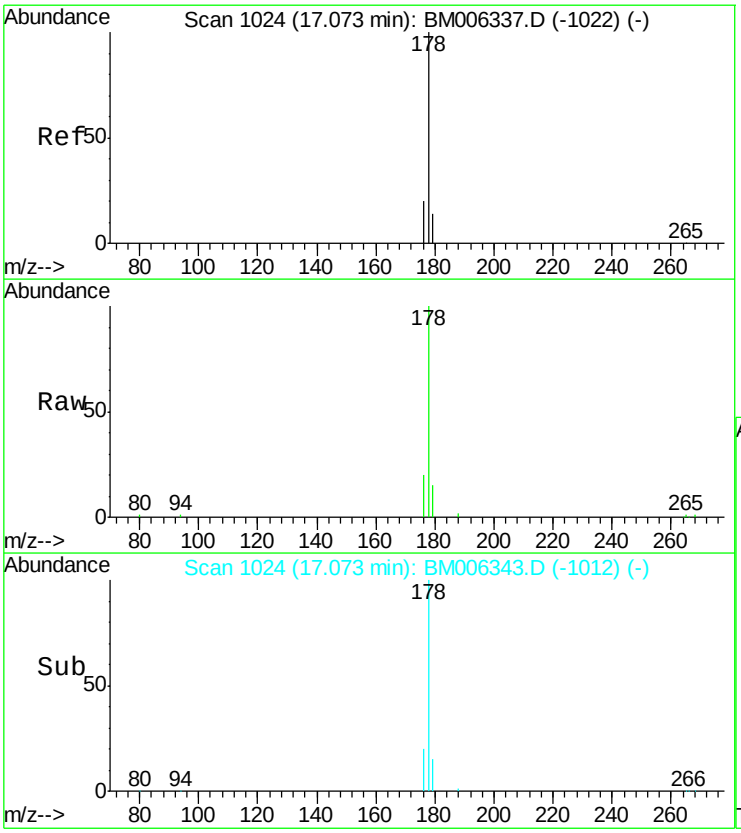
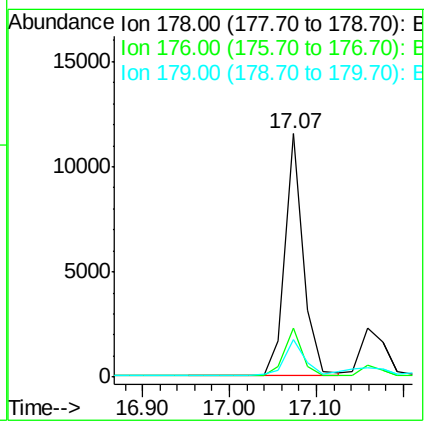
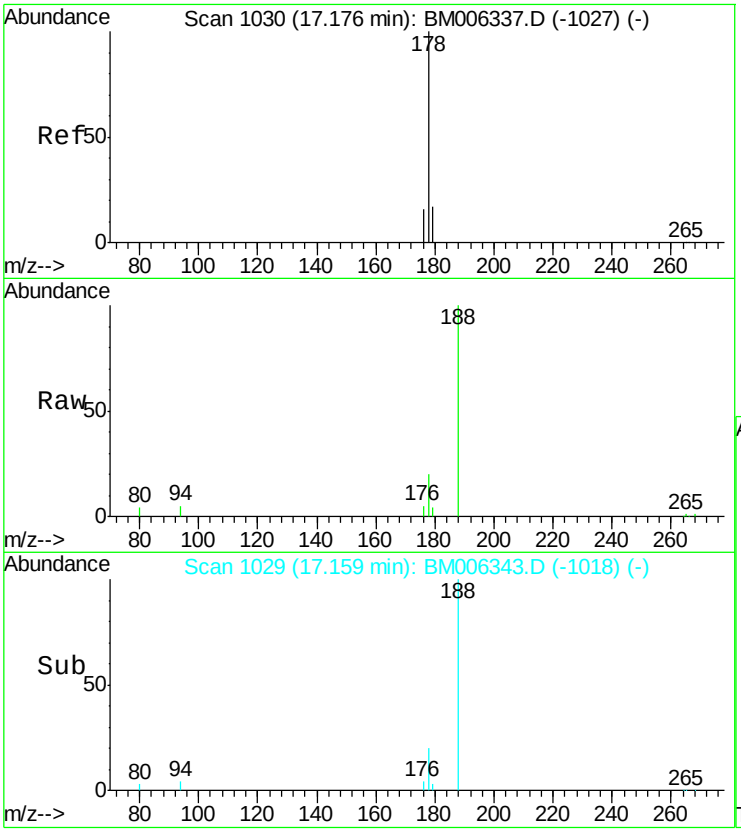


#14
Phenanthrene
Concen: 0.27 ng/ul
RT: 17.07 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BM006343.D
Acq: 08 Jul 2016 06:08

Tgt Ion:178 Resp: 17075

Ion	Ratio	Lower	Upper
178	100		
176	20.2	13.0	19.4#
179	15.4	14.2	21.2

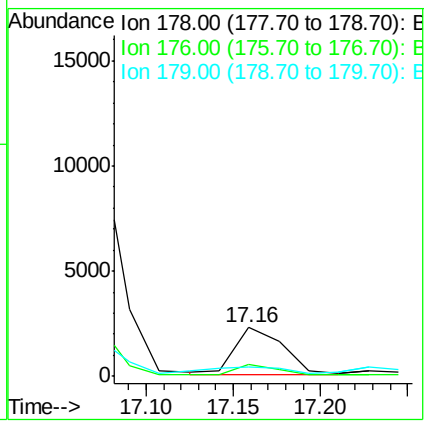




#15
Anthracene
Concen: 0.07 ng/ul m
RT: 17.16 min Scan# 1029
Delta R.T. -0.02 min
Lab File: BM006343.D
Acq: 08 Jul 2016 06:08

Tgt Ion:178 Resp: 4331

Ion	Ratio	Lower	Upper
178	100		
176	23.5	14.0	21.0#
179	18.2	12.9	19.3



Instrument :
BNA_M
ClientSampleId :
A4TW5DL

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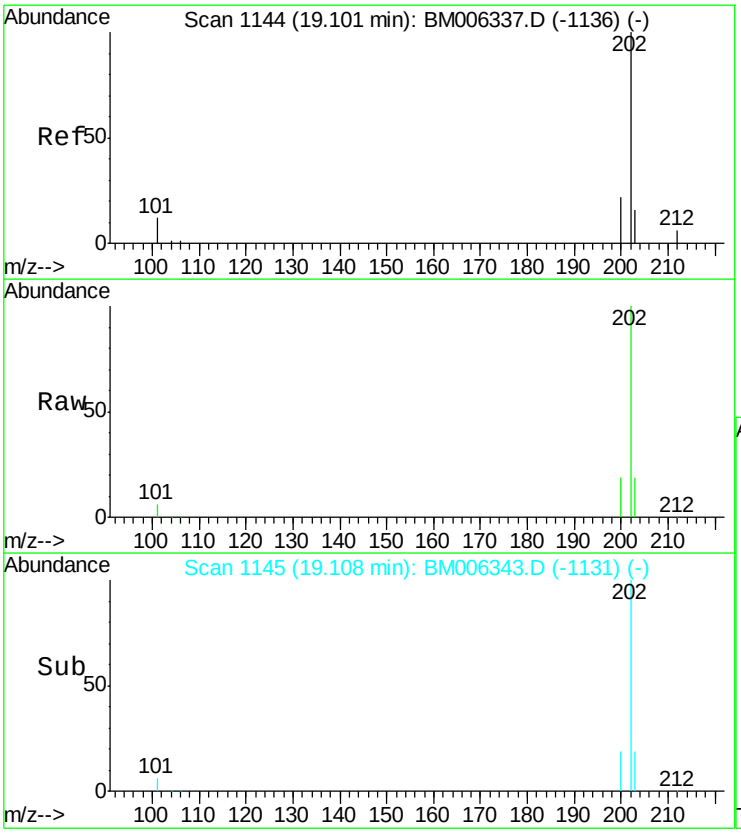
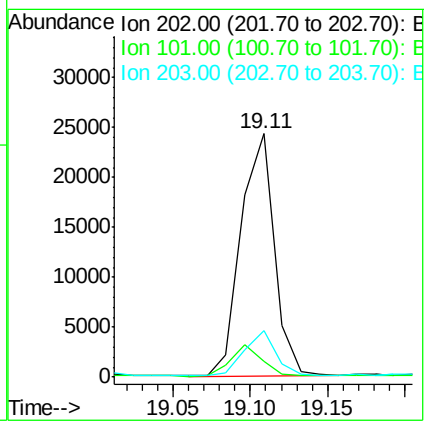
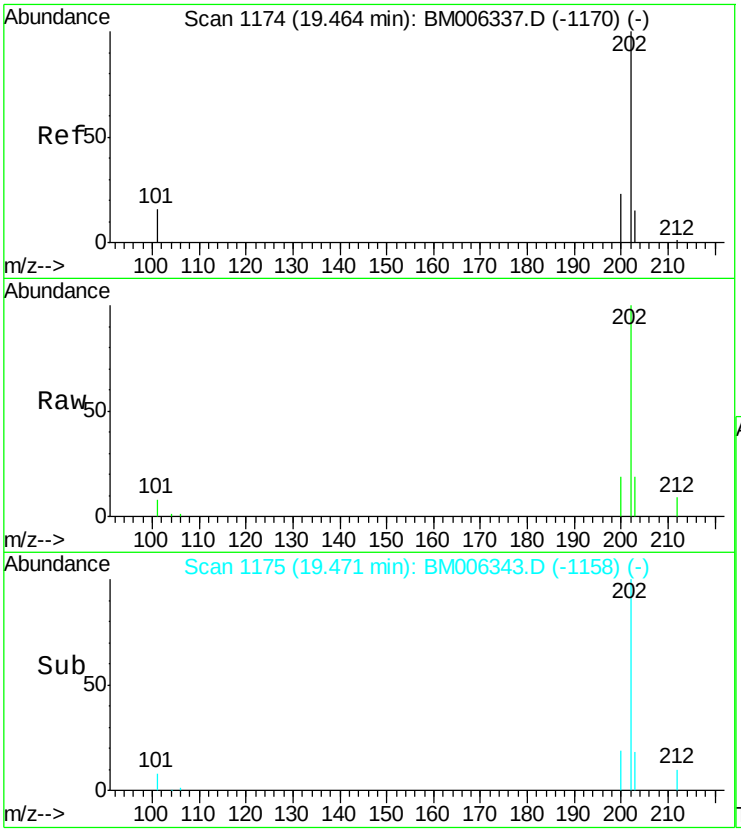


#17
Fluoranthene
Concen: 0.53 ng/ul
RT: 19.11 min Scan# 1145
Delta R.T. 0.01 min
Lab File: BM006343.D
Acq: 08 Jul 2016 06:08

Tgt Ion:202 Resp: 36537

Ion	Ratio	Lower	Upper
202	100		
101	6.3	0.0	29.6
203	19.2	0.0	36.3





#19
Pyrene
Concen: 0.64 ng/ul
RT: 19.47 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BM006343.D
Acq: 08 Jul 2016 06:08

Tgt Ion:202 Resp: 42715

Ion	Ratio	Lower	Upper
202	100		
200	19.3	17.8	26.8
203	19.0	12.8	19.2

Instrument :
BNA_M
ClientSampleId :
A4TW5DL

Manual Integrations
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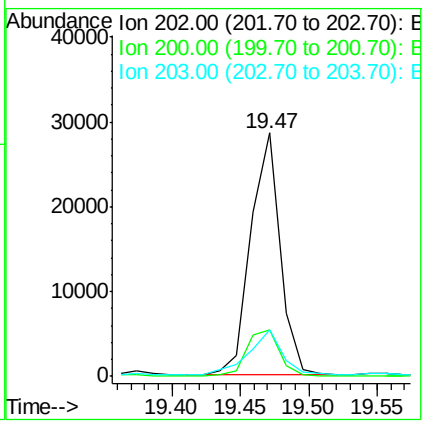
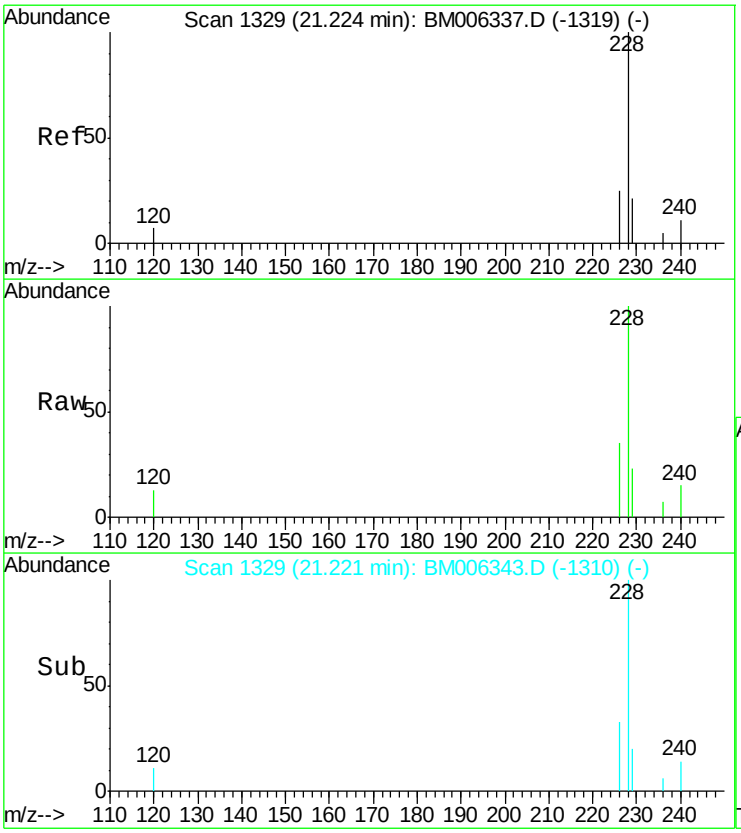
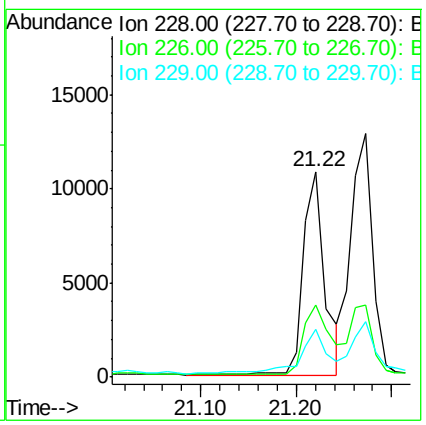


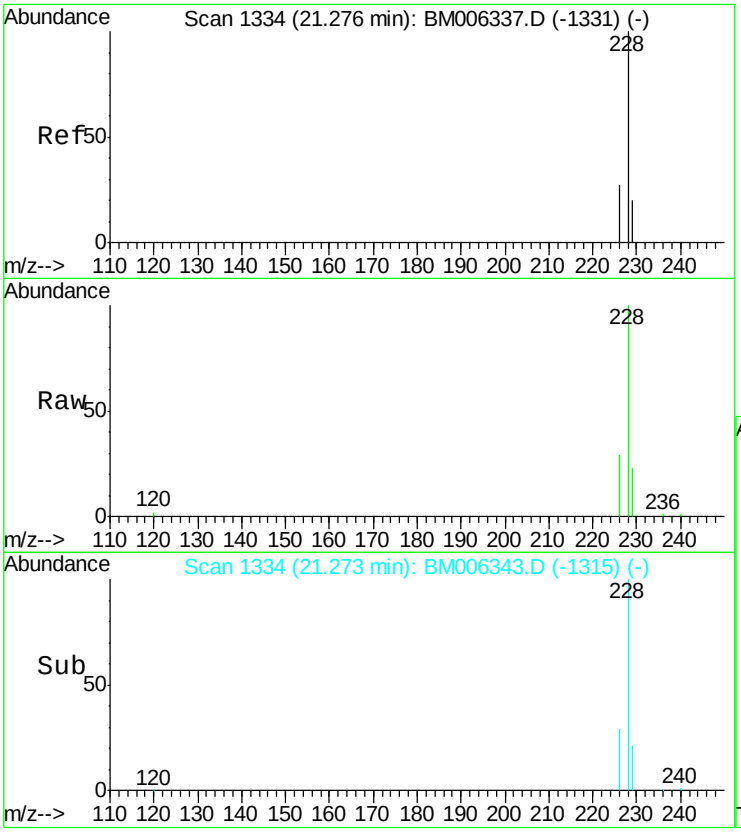


#20
Benzo(a)anthracene
Concen: 0.33 ng/ul
RT: 21.22 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BM006343.D
Acq: 08 Jul 2016 06:08

Tgt Ion:228 Resp: 16900

Ion	Ratio	Lower	Upper
228	100		
226	34.8	18.8	28.2#
229	23.5	17.1	25.7

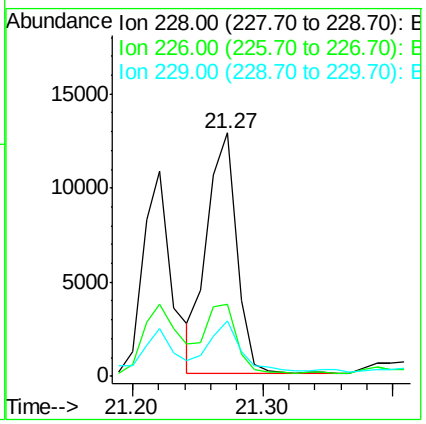




#21
Chrysene
Concen: 0.40 ng/ul
RT: 21.27 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BM006343.D
Acq: 08 Jul 2016 06:08

Tgt Ion:228 Resp: 20160

Ion	Ratio	Lower	Upper
228	100		
226	29.5	21.2	31.8
229	23.0	17.0	25.6



Instrument :
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ClientSampleId :
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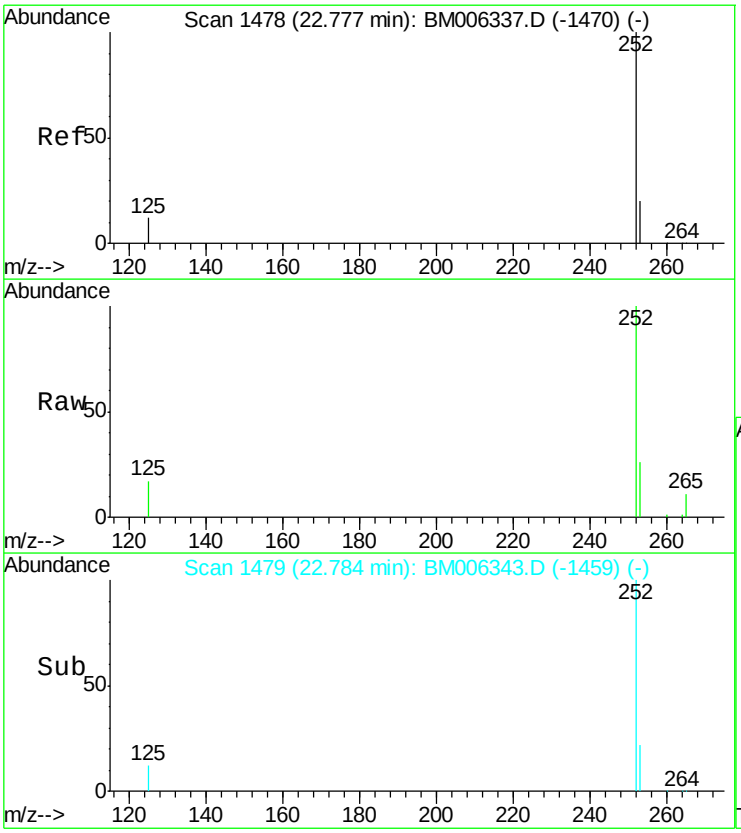
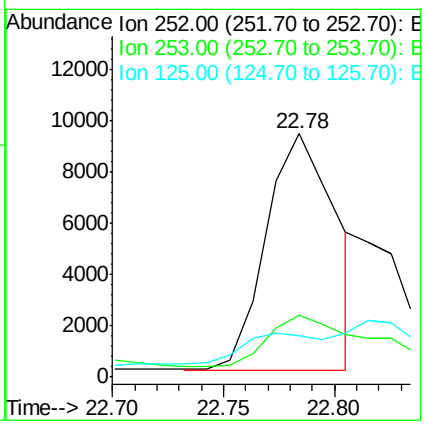
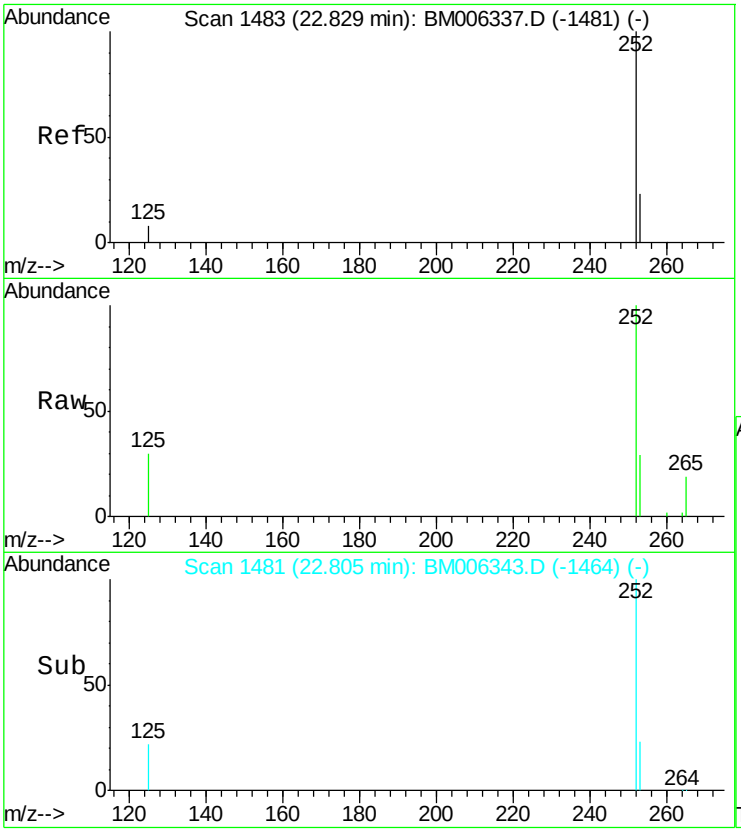


#23
Benzo(b)fluoranthene
Concen: 0.39 ng/ul m
RT: 22.78 min Scan# 1479
Delta R.T. 0.01 min
Lab File: BM006343.D
Acq: 08 Jul 2016 06:08

Tgt Ion:252 Resp: 20361

Ion	Ratio	Lower	Upper
252	100		
253	25.6	0.0	45.4
125	16.9	0.0	28.8





#24
Benzo(k)fluoranthene
Concen: 0.15 ng/ul m
RT: 22.81 min Scan# 1481
Delta R.T. -0.02 min
Lab File: BM006343.D
Acq: 08 Jul 2016 06:08

Tgt Ion:252 Resp: 7526

Ion	Ratio	Lower	Upper
252	100		
253	29.3	19.8	29.8
125	30.0	10.4	15.6#

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
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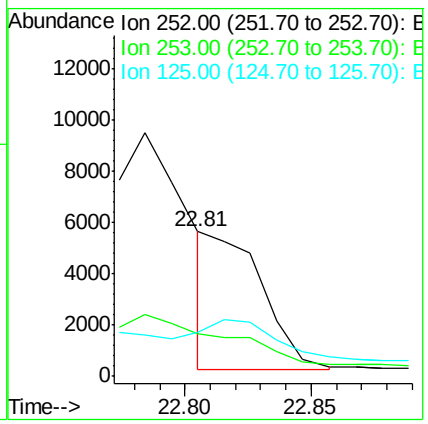
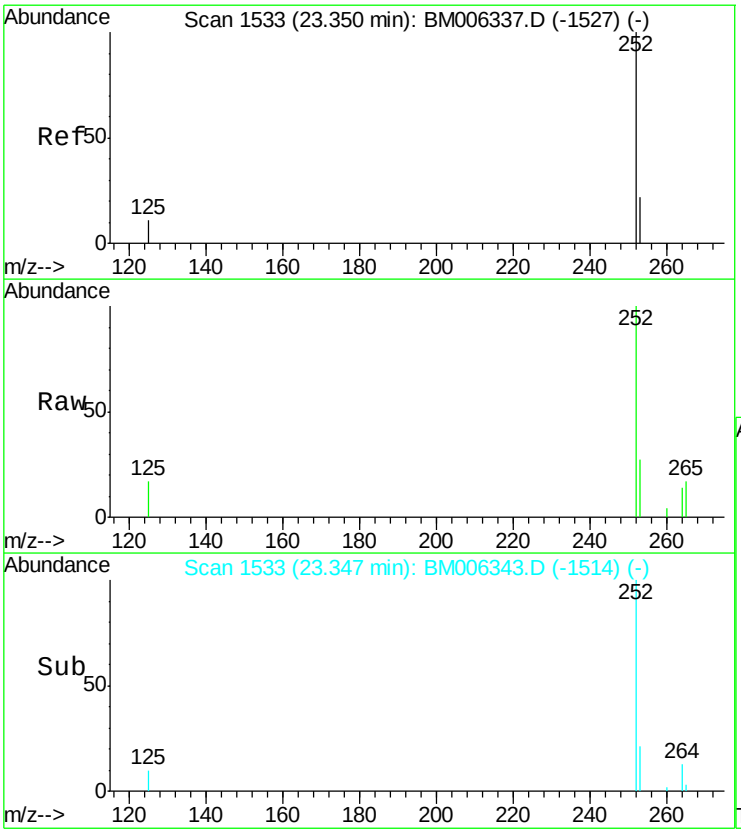
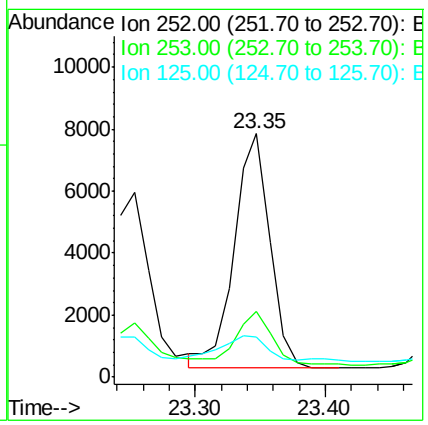


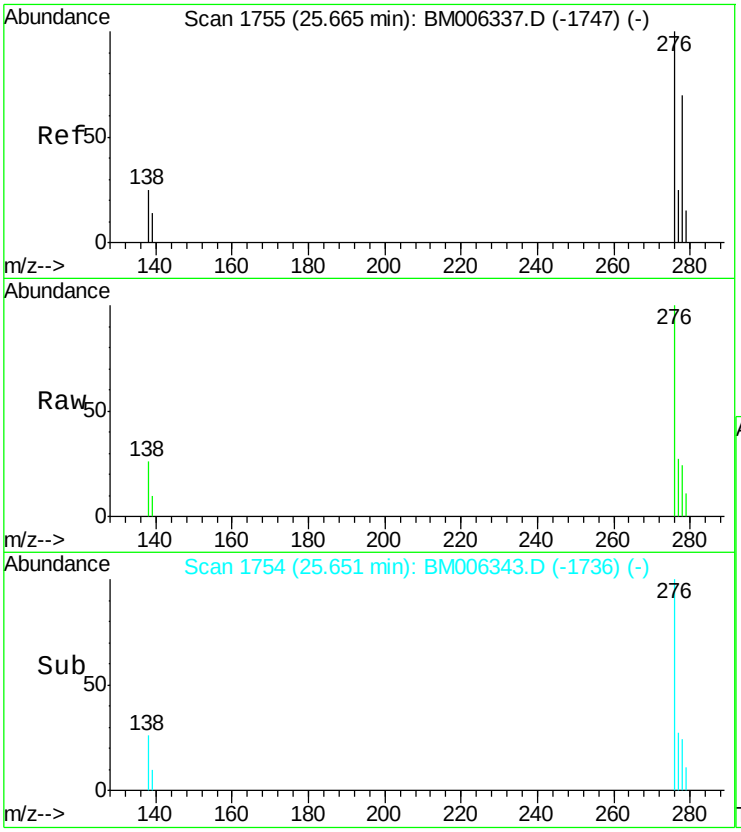


#25
Benzo(a)pyrene
Concen: 0.30 ng/ul
RT: 23.35 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BM006343.D
Acq: 08 Jul 2016 06:08

Tgt Ion:252 Resp: 14432

Ion	Ratio	Lower	Upper
252	100		
253	27.0	19.4	29.2
125	16.6	12.7	19.1





#26
Indeno(1,2,3-cd)pyrene
Concen: 0.19 ng/ul
RT: 25.65 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BM006343.D
Acq: 08 Jul 2016 06:08

Tgt Ion:276 Resp: 10181

Ion	Ratio	Lower	Upper
276	100		
138	30.3	16.3	24.5#
277	28.7	19.8	29.8

Instrument :
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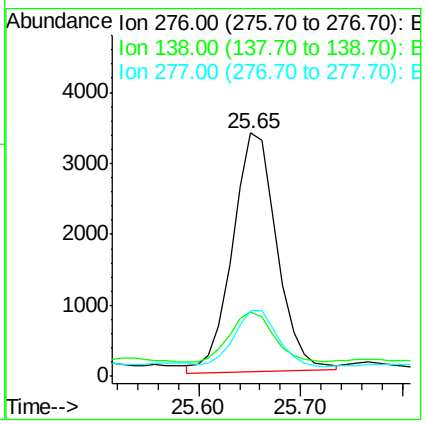
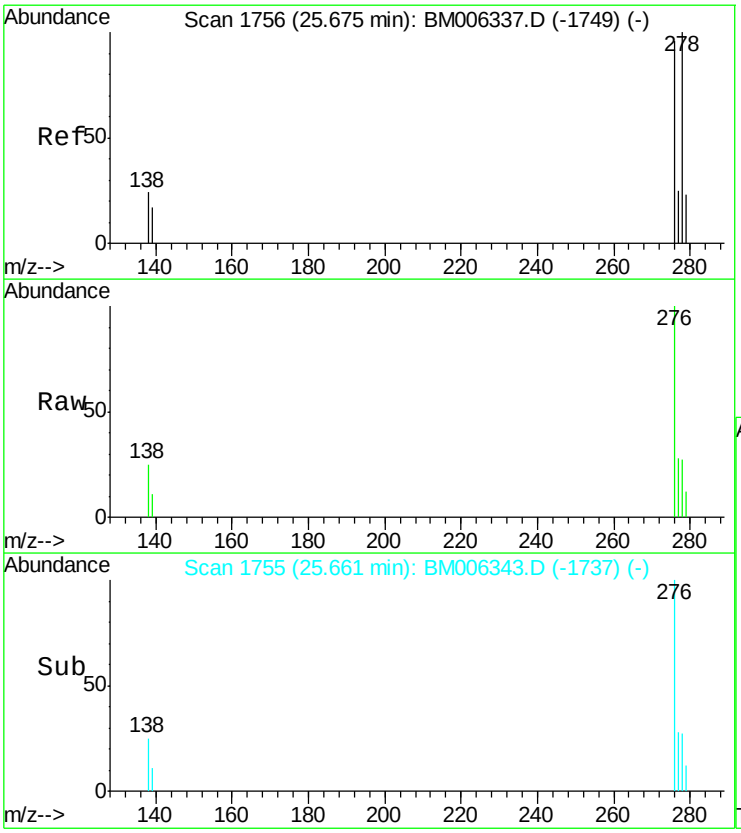
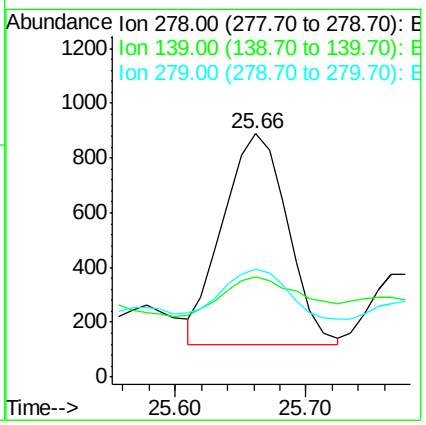


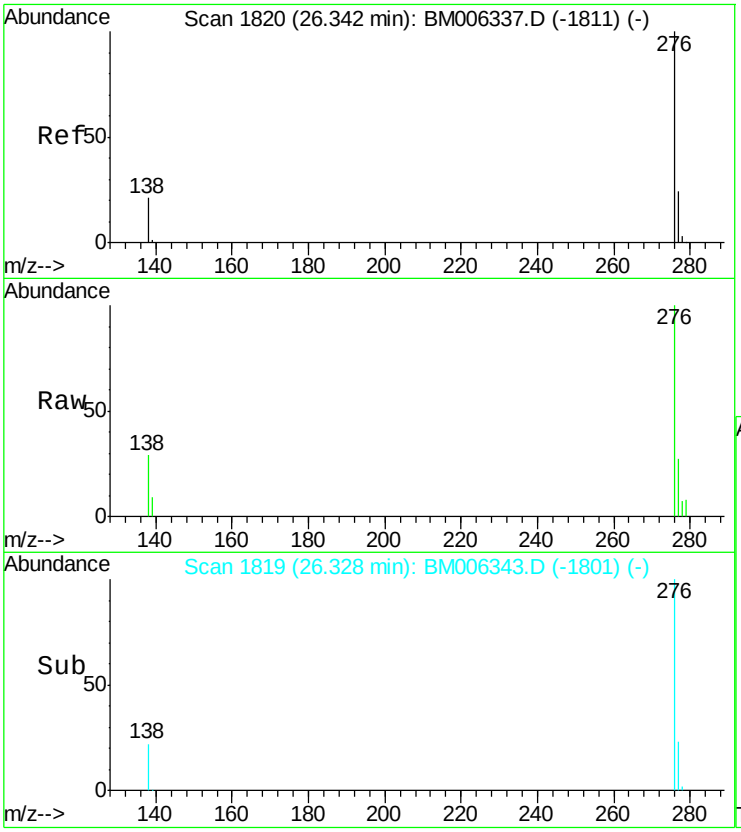


#27
Dibenzo(a,h)anthracene
Concen: 0.06 ng/ul m
RT: 25.66 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BM006343.D
Acq: 08 Jul 2016 06:08

Tgt Ion:278 Resp: 2648

Ion	Ratio	Lower	Upper
278	100		
139	41.1	16.4	24.6#
279	44.2	20.2	30.2#

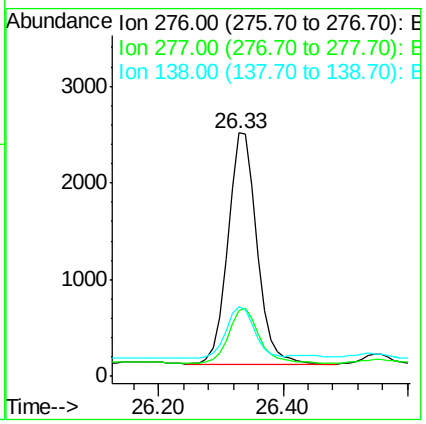




#28
Benzo(g,h,i)perylene
Concen: 0.17 ng/ul
RT: 26.33 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BM006343.D
Acq: 08 Jul 2016 06:08

Tgt Ion:276 Resp: 7854

Ion	Ratio	Lower	Upper
276	100		
277	27.1	18.9	28.3
138	28.7	22.5	33.7



Instrument :
BNA_M
ClientSampleId :
A4TW5DL

Manual Integrations
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