Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081215\
Data File : BM002355.D
Acq On : 12 Aug 2015 11:33
Operator : UM/IZ
Sample : G3163-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9C88

Manual Integrations
APPROVED
MOHAMMAD
8/13/2015 8:32:33 AM

Quant Time: Aug 12 17:47:05 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 12 17:25:11 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	201900	20.00	ng/ul	0.00
2) Naphthalene-d8	11.77	136	912451	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.49	164	487820	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.19	188	953204	20.00	ng/ul	0.00
17) Chrysene-d12	22.28	240	672710	20.00	ng/ul	0.00
22) Perylene-d12	24.97	264	592066	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.19	160	1299035	25.70	ng/ul	0.00
10) Fluorene-d10	16.46	176	848739	24.15	ng/ul	0.00
14) Anthracene-d10	18.29	188	1138849	24.62	ng/ul	0.00
18) Pyrene-d10	20.51	212	975933	29.91	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.80	264	718018	22.84	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.82	128	110745	2.31	ng/ul	98
4) 2-Methylnaphthalene	13.36	142	83789	2.44	ng/ul	100
5) 1-Methylnaphthalene	13.58	142	43731	1.29	ng/ul	99
9) Acenaphthene	15.54	153	40051	1.13	ng/ul	96
13) Phenanthrene	18.23	178	421305	7.68	ng/ul	100
15) Anthracene	18.32	178	103081	1.82	ng/ul	99
16) Fluoranthene	20.18	202	651400	10.72	ng/ul	100
19) Pyrene	20.54	202	598311	13.76	ng/ul	97
20) Benzo(a)anthracene	22.26	228	354960	8.64	ng/ul	98
21) Chrysene	22.32	228	381553	9.80	ng/ul	96
23) Benzo(b)fluoranthene	24.14	252	713154	19.38	ng/ul	98
24) Benzo(k)fluoranthene	24.19	252	236982m	6.71	ng/ul	
26) Benzo(a)pyrene	24.86	252	440568	12.51	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	27.82	276	327692	8.12	ng/ul	93
28) Dibenzo(a,h)anthracene	27.81	278	86280	2.52	ng/ul#	73
29) Benzo(g,h,i)perylene	28.70	276	290588	8.53	ng/ul	97

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

Quantitation Report (QT Reviewed)

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Manual Integrations APPROVED
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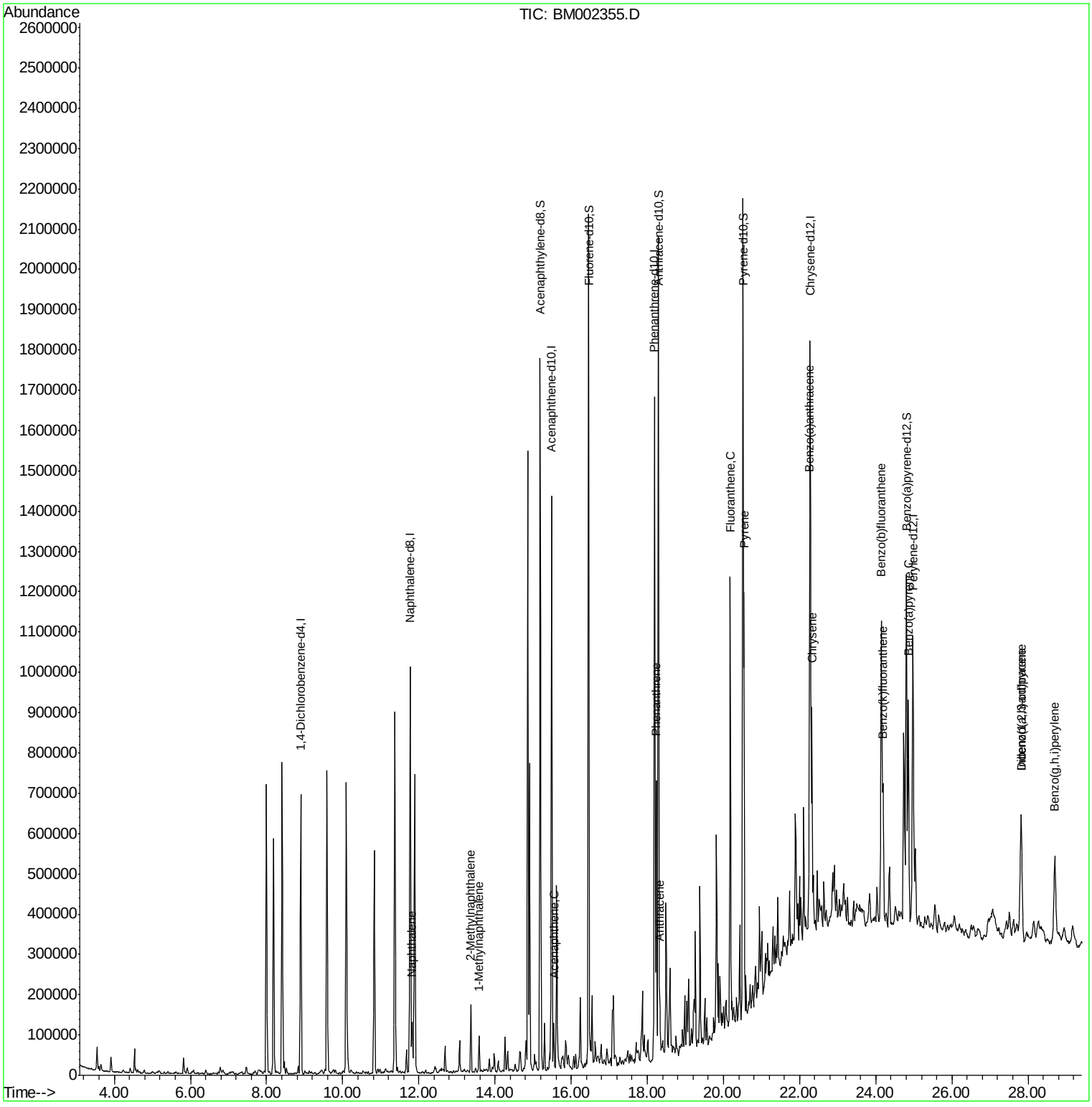
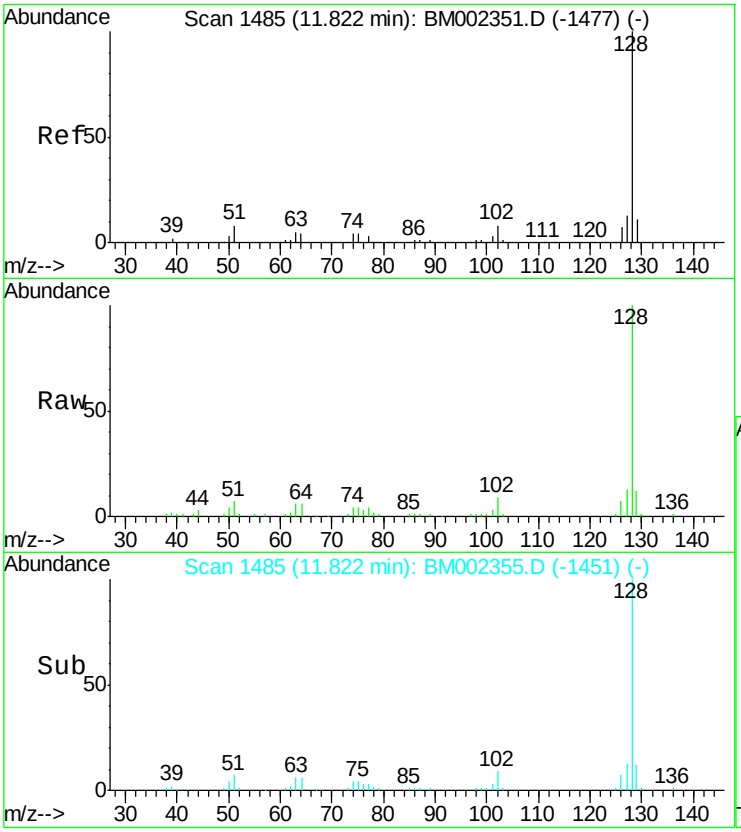
8/13/2015 8:32:33 AM

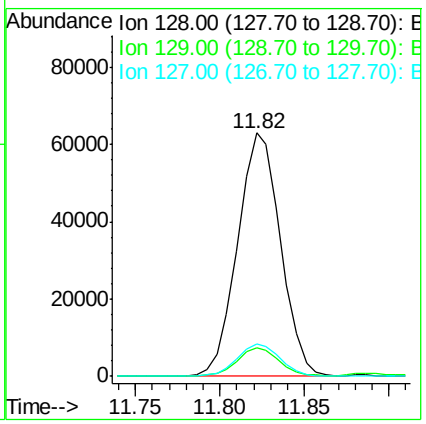




#3
Naphthalene
Concen: 2.31 ng/ul
RT: 11.82 min Scan# 1485
Delta R.T. 0.00 min
Lab File: BM002355.D
Acq: 12 Aug 2015 11:33

Tgt Ion:128 Resp: 110745

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.6	12.8
127	13.3	10.4	15.6



Instrument :
BNA_M
ClientSampleId :
D9C88

Manual Integrations APPROVED
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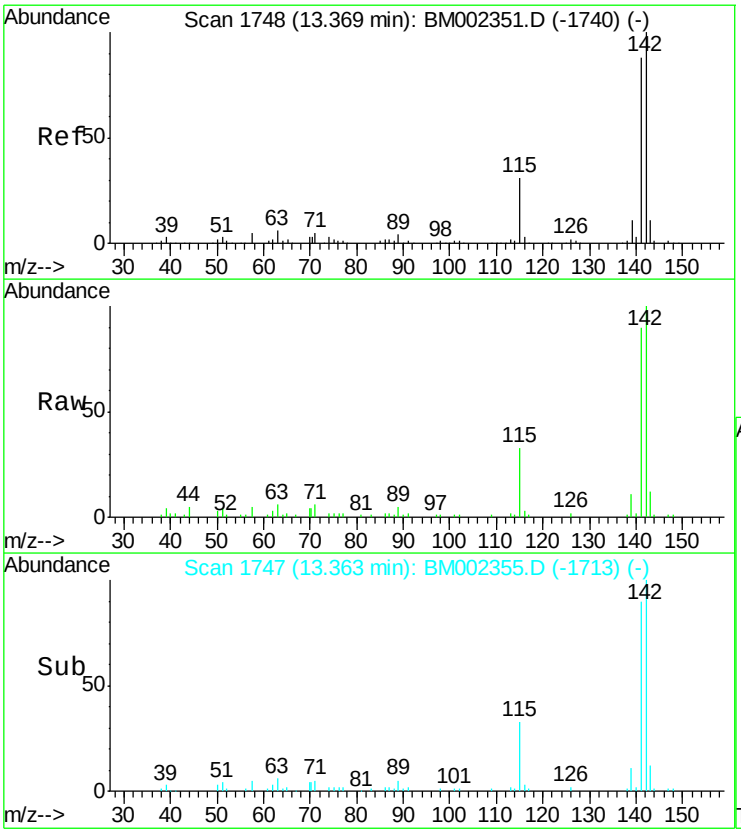
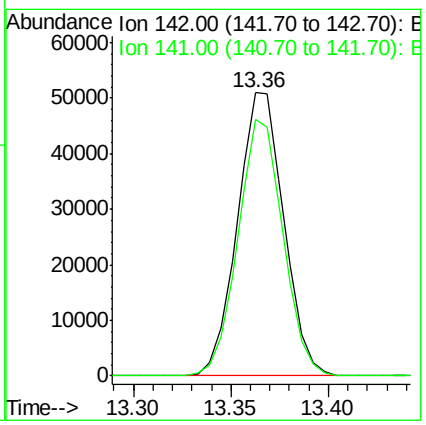
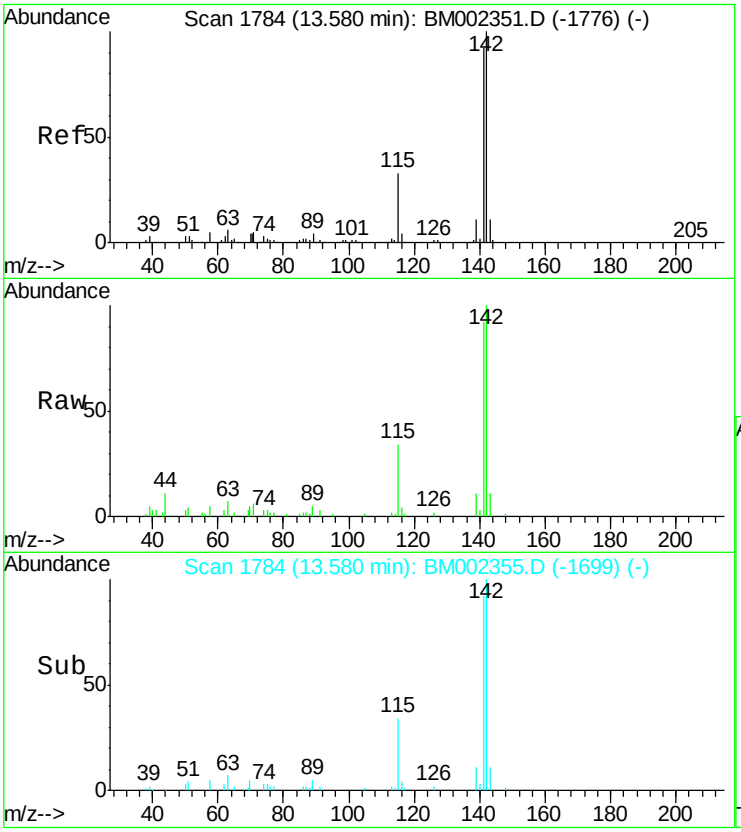


#4
2-Methylnaphthalene
Concen: 2.44 ng/ul
RT: 13.36 min Scan# 1747
Delta R.T. 0.00 min
Lab File: BM002355.D
Acq: 12 Aug 2015 11:33

Tgt Ion:142 Resp: 83789

Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.5	108.7

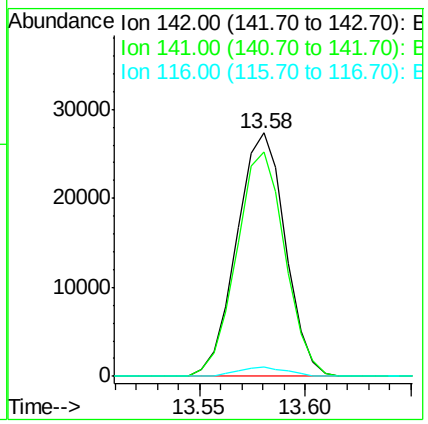




#5
1-Methylnaphthalene
Concen: 1.29 ng/ul
RT: 13.58 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BM002355.D
Acq: 12 Aug 2015 11:33

Tgt Ion:142 Resp: 43731

Ion	Ratio	Lower	Upper
142	100		
141	92.2	74.5	111.7
116	3.9	3.0	4.4



Instrument :
BNA_M
ClientSampleId :
D9C88

Manual Integrations APPROVED
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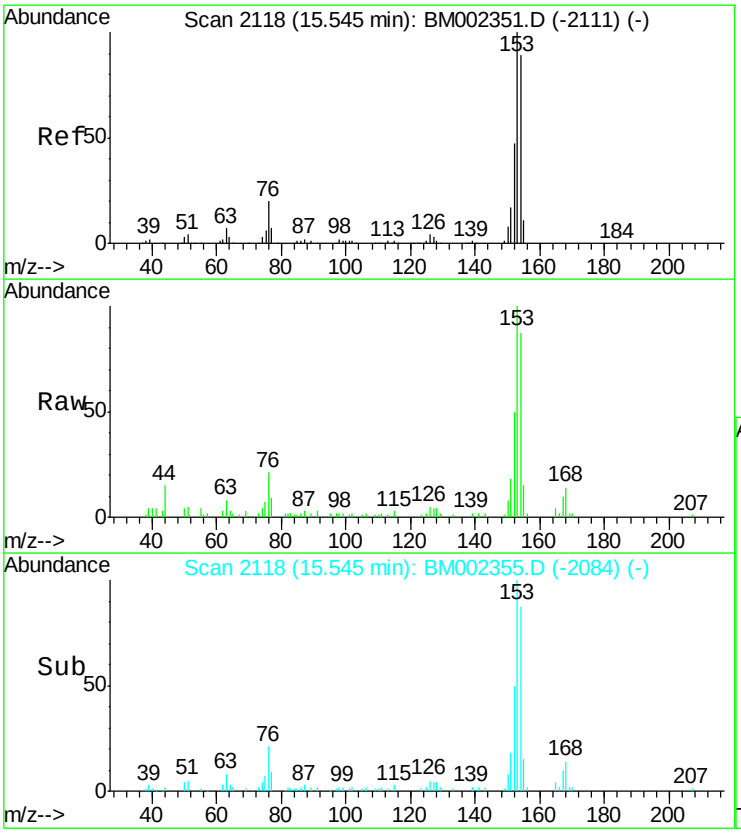
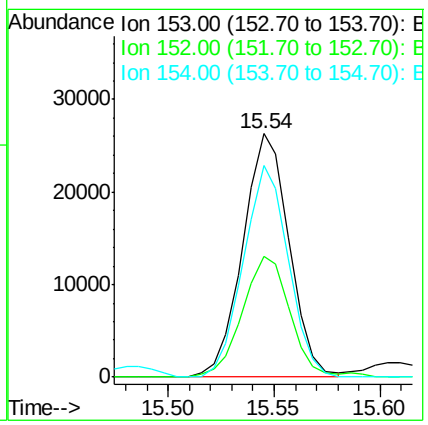
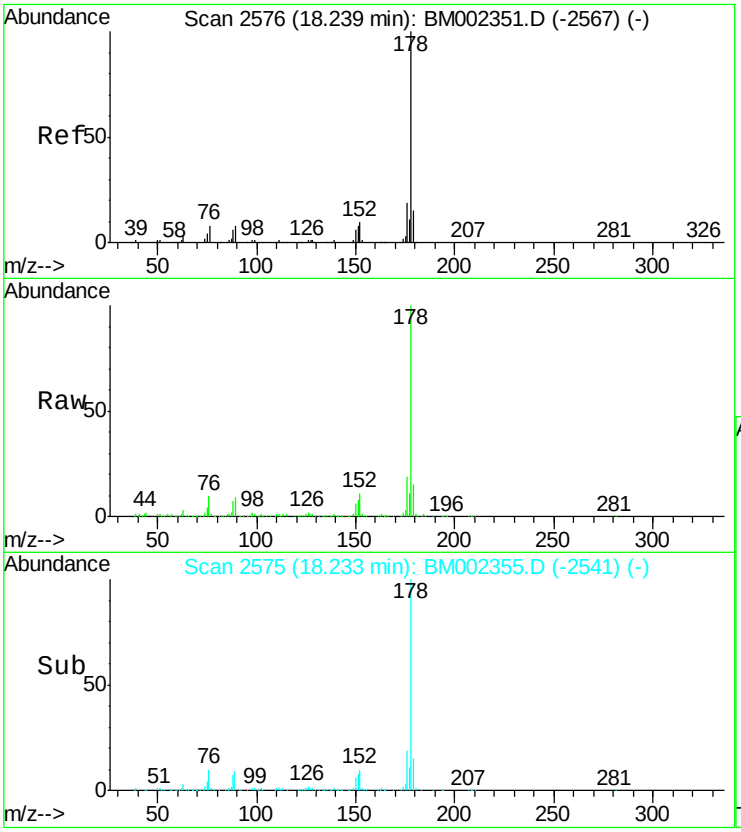


#9
Acenaphthene
Concen: 1.13 ng/ul
RT: 15.54 min Scan# 2118
Delta R.T. 0.00 min
Lab File: BM002355.D
Acq: 12 Aug 2015 11:33

Tgt Ion:153 Resp: 40051

Ion	Ratio	Lower	Upper
153	100		
152	49.8	36.6	55.0
154	86.9	71.5	107.3

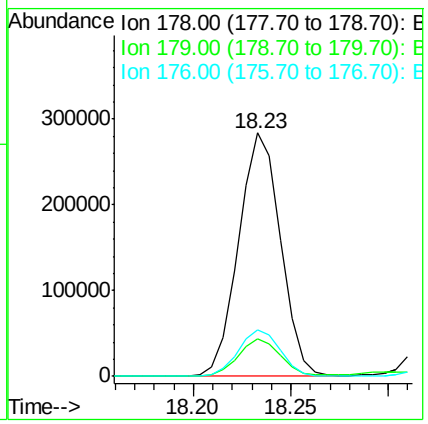




#13
Phenanthrene
Concen: 7.68 ng/ul
RT: 18.23 min Scan# 2575
Delta R.T. 0.00 min
Lab File: BM002355.D
Acq: 12 Aug 2015 11:33

Tgt Ion:178 Resp: 421305

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	19.0	15.3	22.9



Instrument :
BNA_M
ClientSampleId :
D9C88

Manual Integrations APPROVED
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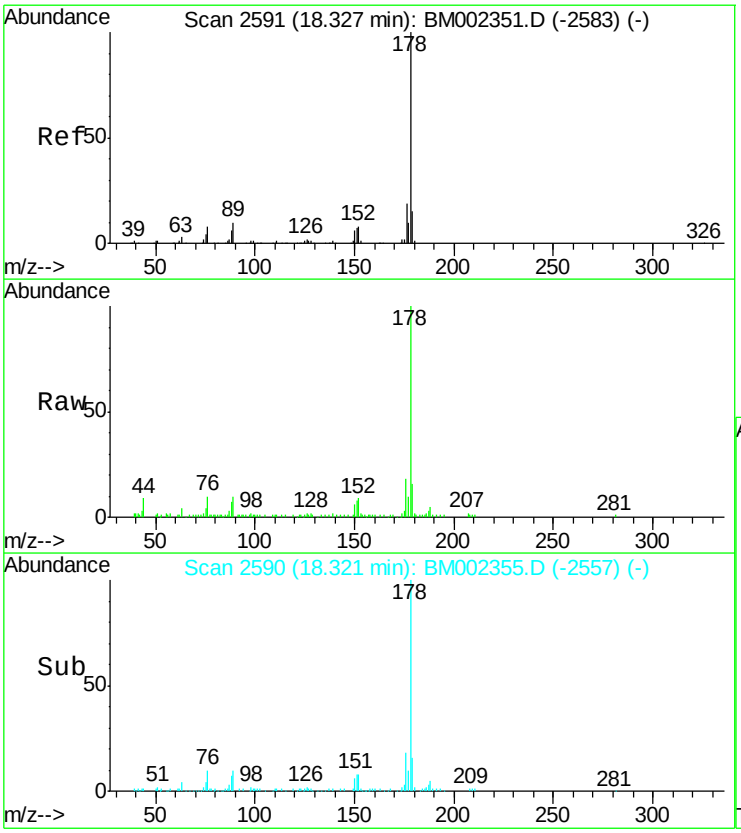
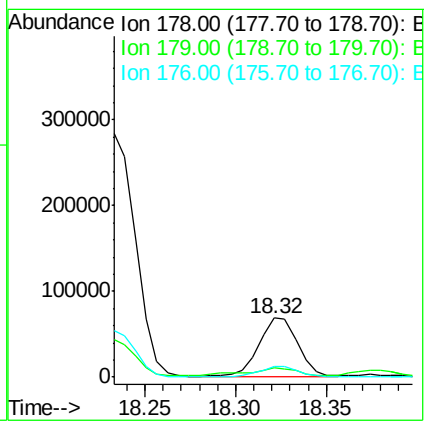
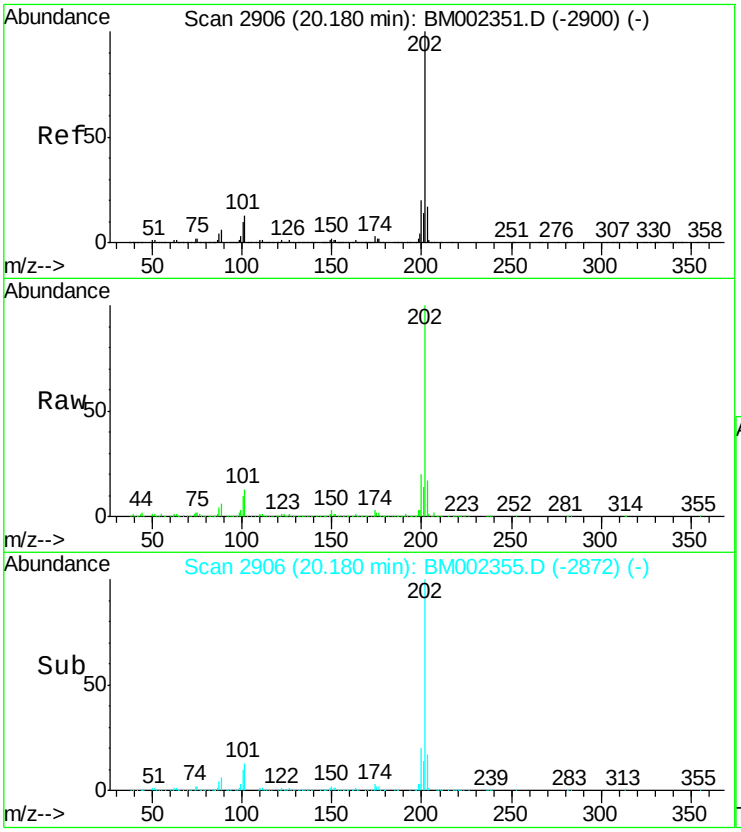


#15
Anthracene
Concen: 1.82 ng/ul
RT: 18.32 min Scan# 2590
Delta R.T. -0.01 min
Lab File: BM002355.D
Acq: 12 Aug 2015 11:33

Tgt Ion:178 Resp: 103081

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.3	18.5
176	17.8	14.5	21.7

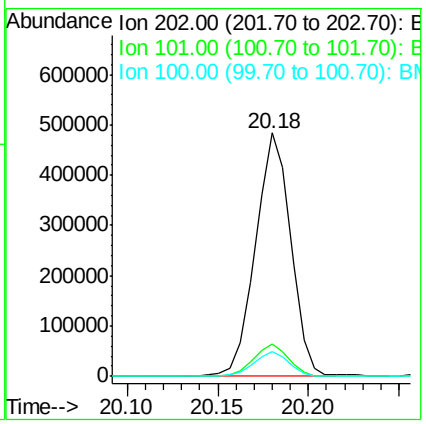




#16
Fluoranthene
Concen: 10.72 ng/ul
RT: 20.18 min Scan# 2906
Delta R.T. 0.00 min
Lab File: BM002355.D
Acq: 12 Aug 2015 11:33

Tgt Ion:202 Resp: 651400

Ion	Ratio	Lower	Upper
202	100		
101	13.2	10.6	15.8
100	10.2	8.2	12.4



Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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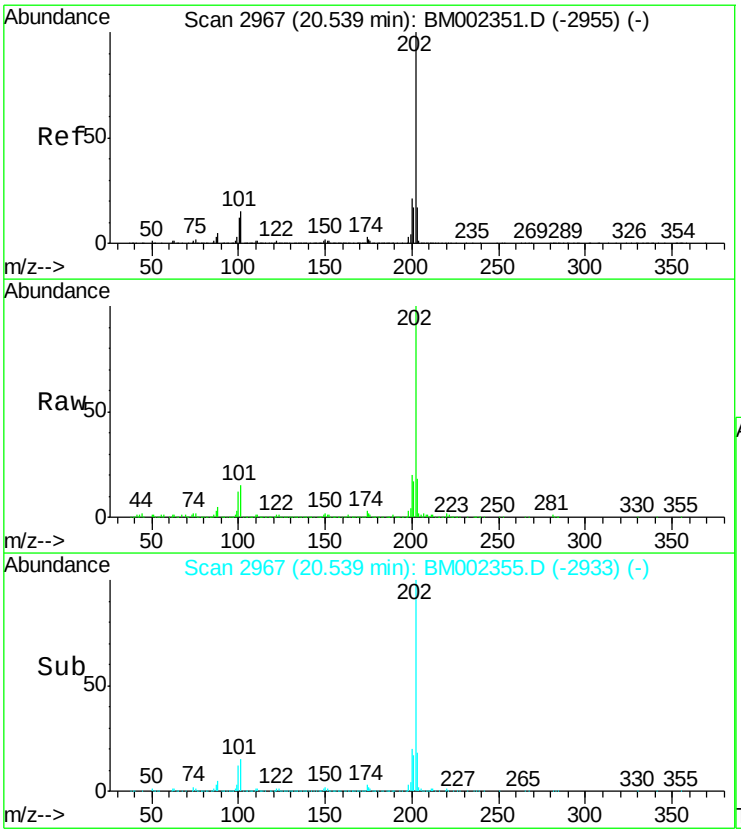
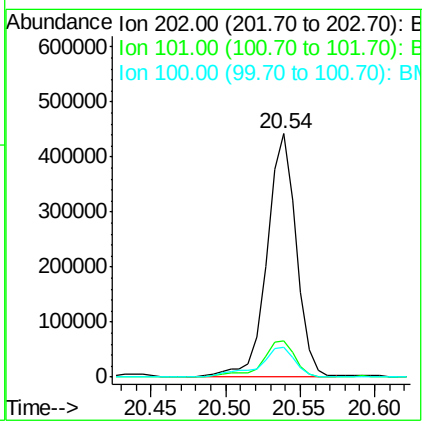
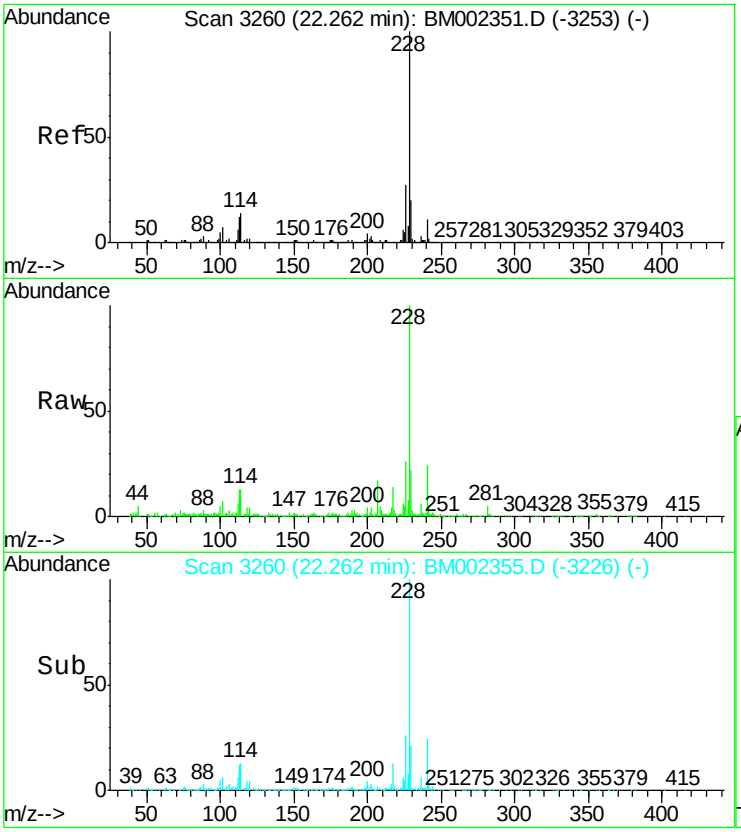


#19
Pyrene
Concen: 13.76 ng/ul
RT: 20.54 min Scan# 2967
Delta R.T. 0.00 min
Lab File: BM002355.D
Acq: 12 Aug 2015 11:33

Tgt Ion:202 Resp: 598311

Ion	Ratio	Lower	Upper
202	100		
101	15.0	13.0	19.6
100	12.2	11.0	16.4

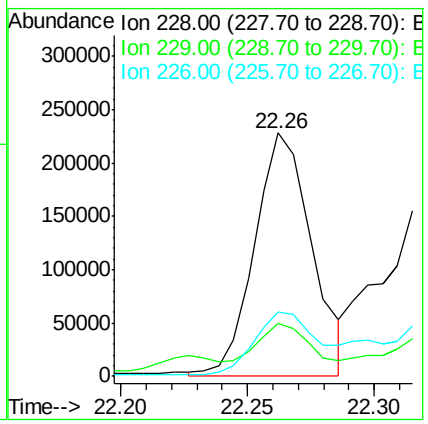




#20
Benzo(a)anthracene
Concen: 8.64 ng/ul
RT: 22.26 min Scan# 3260
Delta R.T. 0.00 min
Lab File: BM002355.D
Acq: 12 Aug 2015 11:33

Tgt Ion:228 Resp: 354960

Ion	Ratio	Lower	Upper
228	100		
229	21.7	15.7	23.5
226	26.3	21.4	32.0



Instrument :
BNA_M
ClientSampleId :
D9C88

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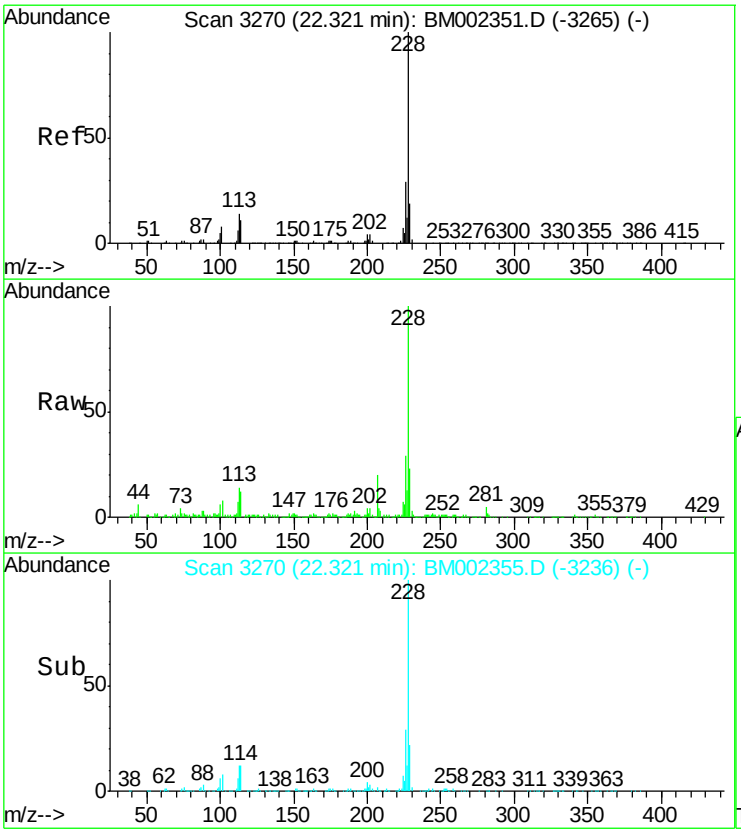
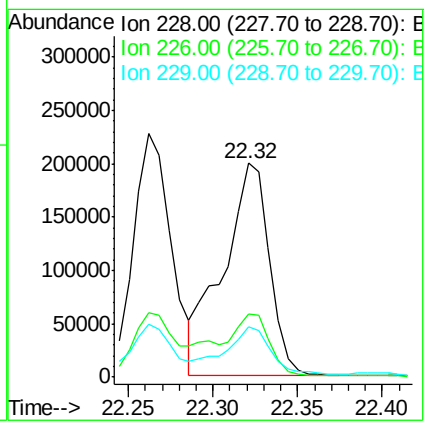
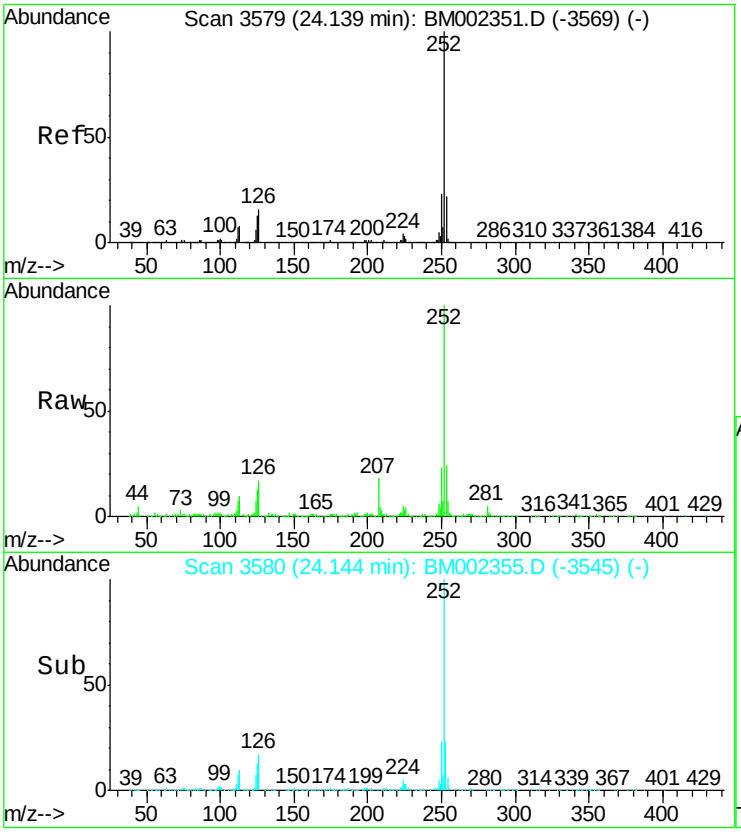


#21
Chrysene
Concen: 9.80 ng/ul
RT: 22.32 min Scan# 3270
Delta R.T. 0.00 min
Lab File: BM002355.D
Acq: 12 Aug 2015 11:33

Tgt Ion:228 Resp: 381553

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.4	35.0
229	23.3	15.5	23.3

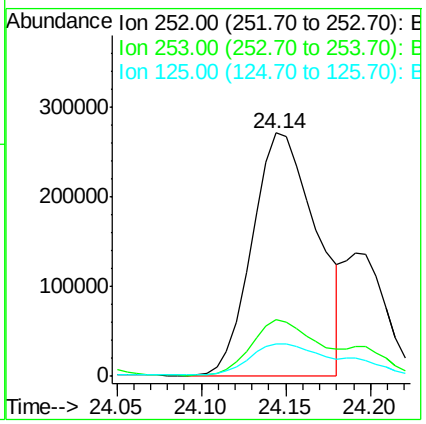




#23
Benzo(b)fluoranthene
Concen: 19.38 ng/ul
RT: 24.14 min Scan# 3580
Delta R.T. 0.01 min
Lab File: BM002355.D
Acq: 12 Aug 2015 11:33

Tgt Ion:252 Resp: 713154

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.9	26.9
125	13.4	10.3	15.5



Instrument :
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ClientSampleId :
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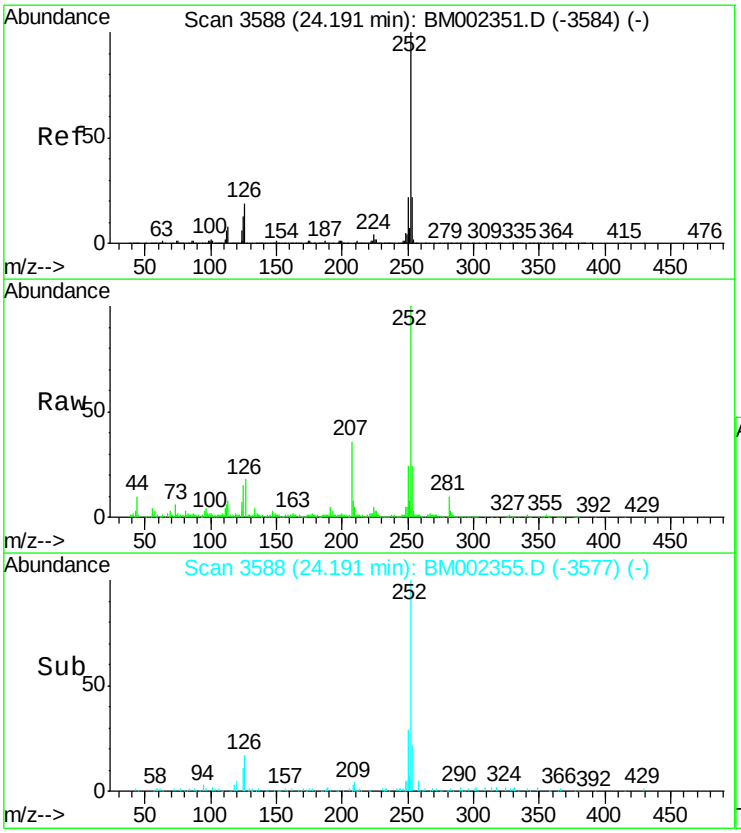
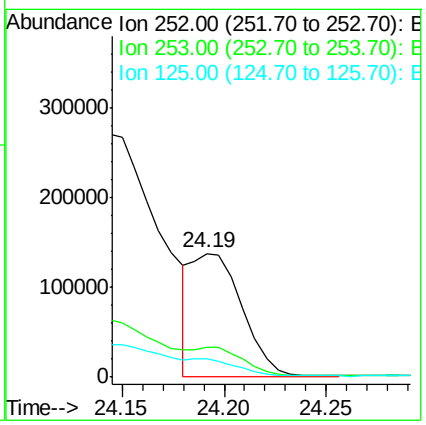
MOHAMMAD
8/13/2015 8:32:33 AM

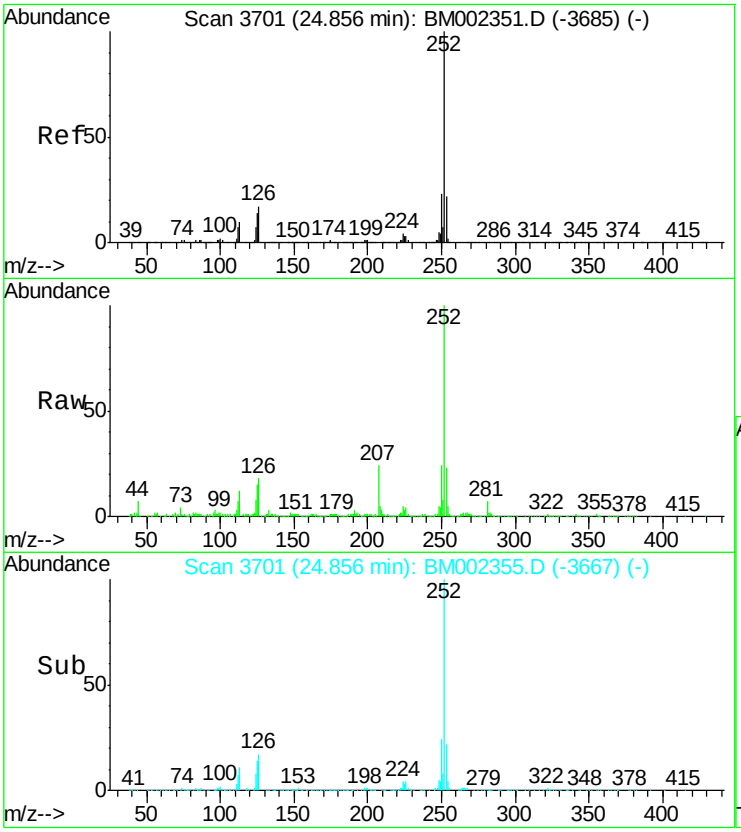


#24
Benzo(k)fluoranthene
Concen: 6.71 ng/ul m
RT: 24.19 min Scan# 3588
Delta R.T. -0.01 min
Lab File: BM002355.D
Acq: 12 Aug 2015 11:33

Tgt Ion:252 Resp: 236982

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.3	25.9
125	14.5	10.2	15.4

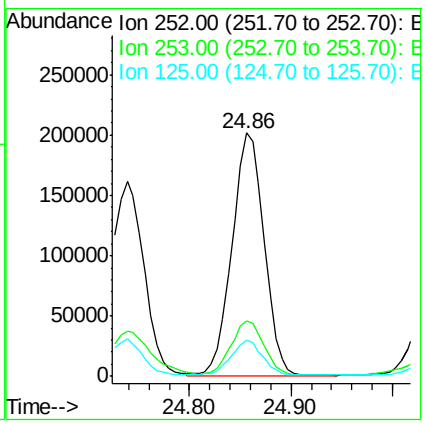




#26
Benzo(a)pyrene
Concen: 12.51 ng/ul
RT: 24.86 min Scan# 3701
Delta R.T. 0.00 min
Lab File: BM002355.D
Acq: 12 Aug 2015 11:33

Tgt Ion:252 Resp: 440568

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.3	25.9
125	14.8	11.0	16.6



Instrument :
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ClientSampleId :
D9C88

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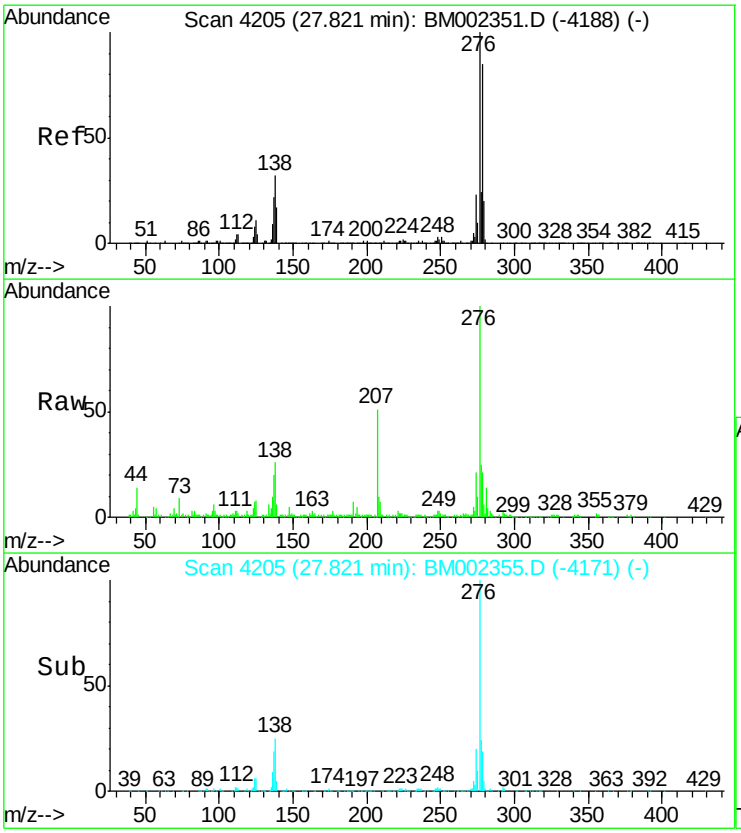
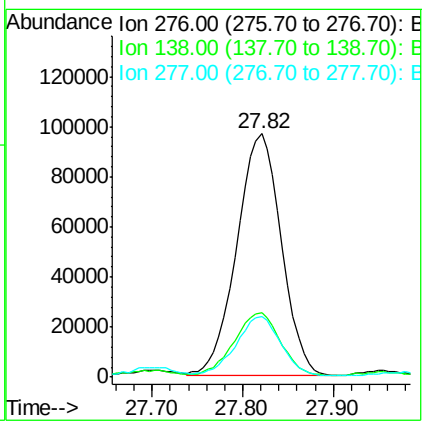
8/13/2015 8:32:33 AM

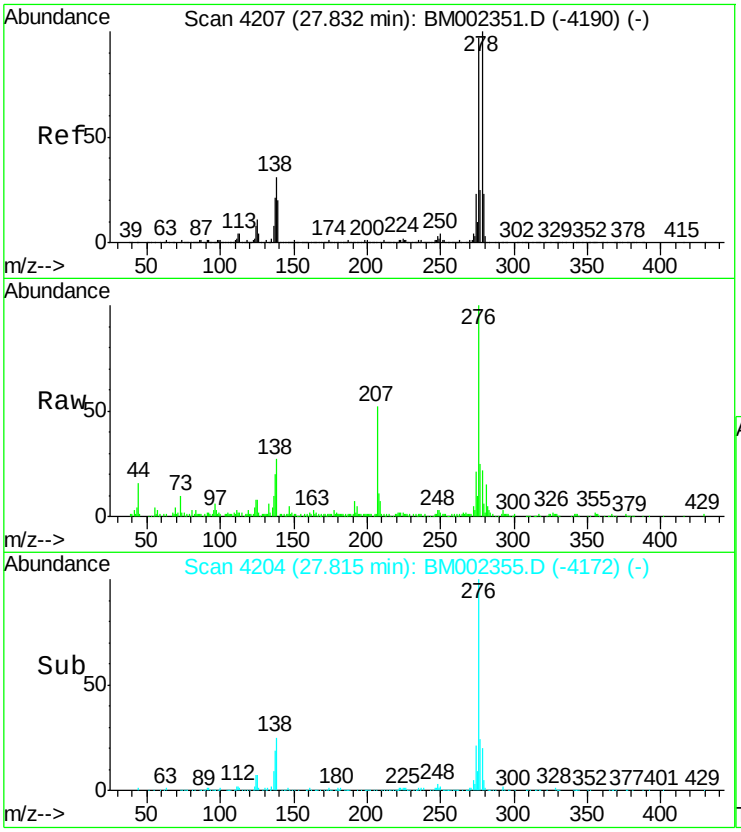


#27
Indeno(1,2,3-cd)pyrene
Concen: 8.12 ng/ul
RT: 27.82 min Scan# 4205
Delta R.T. 0.00 min
Lab File: BM002355.D
Acq: 12 Aug 2015 11:33

Tgt Ion:276 Resp: 327692

Ion	Ratio	Lower	Upper
276	100		
138	26.4	25.6	38.4
277	25.1	21.0	31.4





#28
Dibenzo(a,h)anthracene
Concen: 2.52 ng/ul
RT: 27.81 min Scan# 4204
Delta R.T. -0.01 min
Lab File: BM002355.D
Acq: 12 Aug 2015 11:33

Tgt Ion:278 Resp: 86280

Ion	Ratio	Lower	Upper
278	100		
139	0.0	16.4	24.6#
279	29.2	18.8	28.2#

Instrument :
BNA_M
ClientSampleId :
D9C88

Manual Integrations APPROVED
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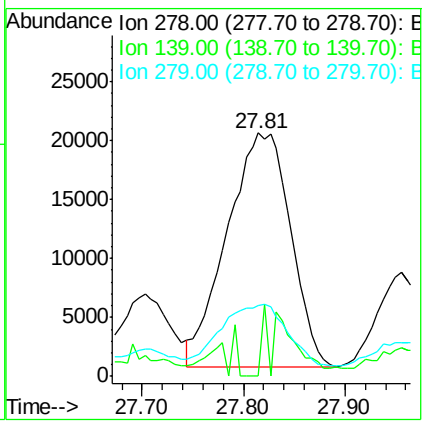
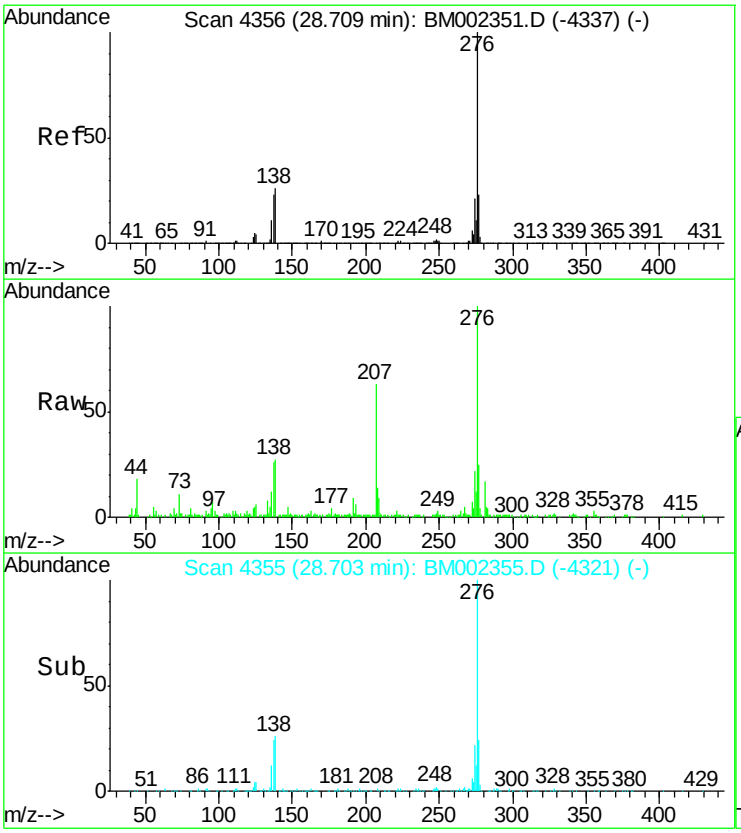
8/13/2015 8:32:33 AM





#29
Benzo(g,h,i)perylene
Concen: 8.53 ng/ul
RT: 28.70 min Scan# 4355
Delta R.T. 0.00 min
Lab File: BM002355.D
Acq: 12 Aug 2015 11:33

Tgt Ion:276 Resp: 290588

Ion	Ratio	Lower	Upper
276	100		
138	27.1	20.5	30.7
277	25.2	19.0	28.6