Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM010715\
Data File : BM000130.D
Acq On : 07 Jan 2015 15:52
Operator : TP/IZ
Sample : MDL-04-W
Misc : MDL-WATER-0.07PPM-SIM
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-04-W

Manual Integrations
APPROVED
TEJASKUMAR
1/9/2015 5:44:44 PM

Quant Time: Jan 08 11:56:10 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM010715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 08 10:41:47 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	2907	0.40	ng/ul	0.00
2) Naphthalene-d8	10.64	136	9447	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5651	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.23	188	10450	0.40	ng/ul	0.02
16) Chrysene-d12	21.41	240	8827	0.40	ng/ul	0.00
20) Perylene-d12	23.70	264	7936	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	3720	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.25	212	6290	0.28	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.68	128	1045	0.04	ng/ul#	83
5) 2-Methylnaphthalene	12.30	142	667	0.04	ng/ul	94
7) Acenaphthylene	14.20	152	1130	0.04	ng/ul#	81
8) Acenaphthene	14.54	153	686	0.04	ng/ul	94
9) Fluorene	15.54	166	816	0.04	ng/ul#	95
11) Pentachlorophenol	16.90	266	33	0.02	ng/ul#	26
12) Phenanthrene	17.26	178	1299	0.04	ng/ul#	80
13) Anthracene	17.35	178	1233	0.04	ng/ul#	76
15) Fluoranthene	19.28	202	1538	0.04	ng/ul	84
17) Pyrene	19.65	202	1521	0.04	ng/ul#	88
18) Benzo(a)anthracene	21.39	228	1248	0.04	ng/ul#	90
19) Chrysene	21.44	228	1330m	0.04	ng/ul	
21) Benzo(b)fluoranthene	23.01	252	1237	0.04	ng/ul#	49
22) Benzo(k)fluoranthene	23.05	252	1357	0.05	ng/ul#	54
23) Benzo(a)pyrene	23.61	252	1206	0.04	ng/ul#	34
24) Indeno(1,2,3-cd)pyrene	26.06	276	1349	0.04	ng/ul#	74
25) Dibenzo(a,h)anthracene	26.08	278	1068	0.04	ng/ul#	46
26) Benzo(g,h,i)perylene	26.75	276	1205	0.04	ng/ul#	64

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM010715\
Data File : BM000130.D
Acq On : 07 Jan 2015 15:52
Operator : TP/IZ
Sample : MDL-04-W
Misc : MDL-WATER-0.07PPM-SIM
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 08 11:56:10 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM010715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 08 10:41:47 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-04-W

Manual Integrations APPROVED
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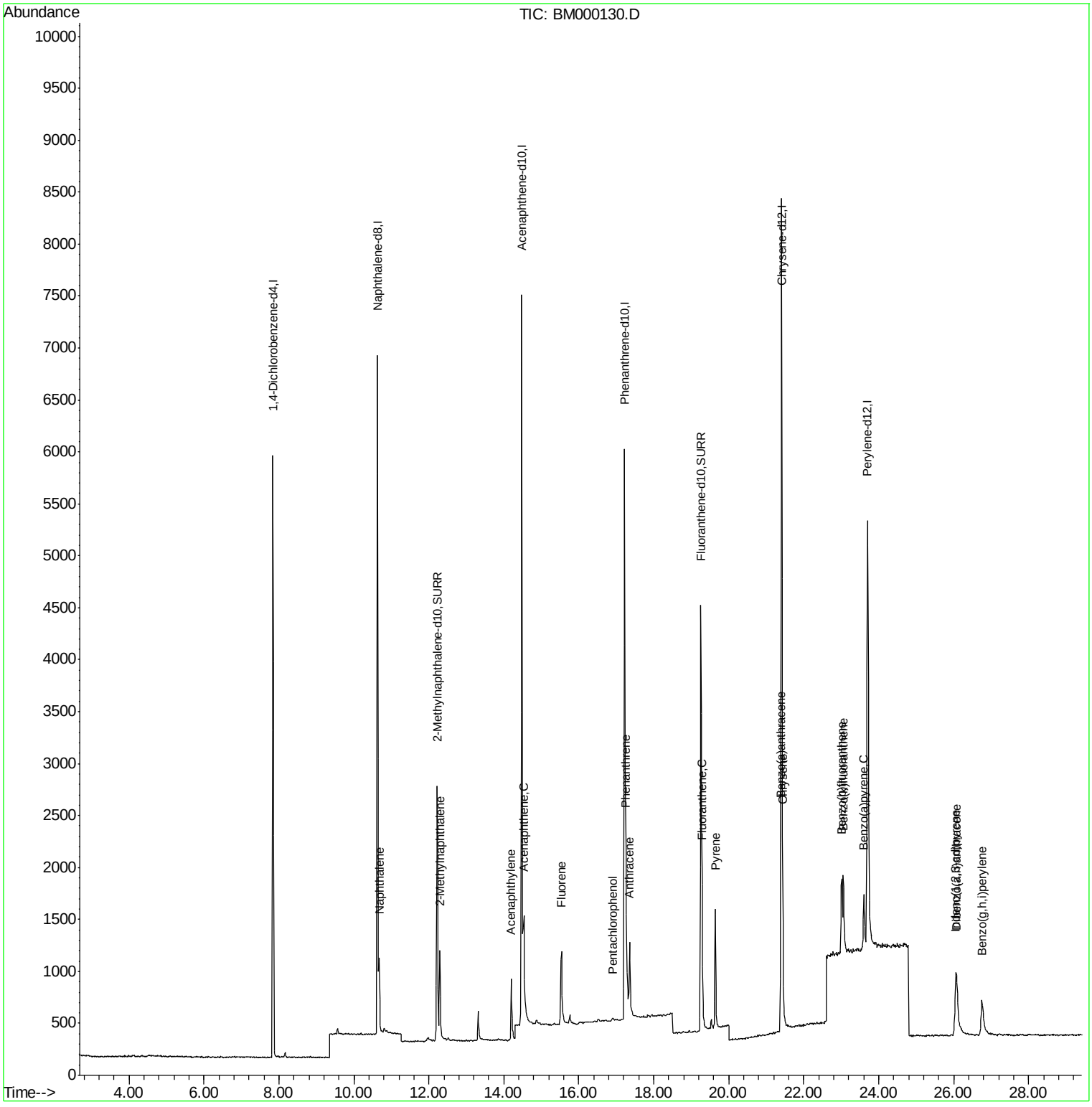

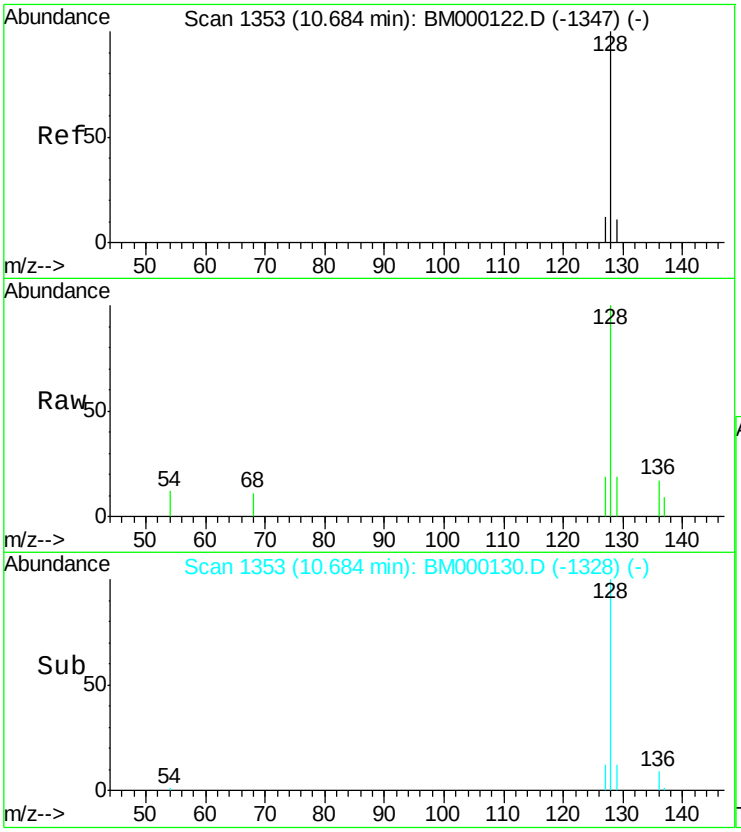

#3
Naphthalene
Concen: 0.04 ng/ul
RT: 10.68 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BM000130.D
Acq: 07 Jan 2015 15:52

Tgt Ion:128 Resp: 1045

Ion	Ratio	Lower	Upper
128	100		
129	19.0	9.5	14.3#
127	19.2	10.4	15.6#

Instrument :
BNA_M
ClientSampleId :
MDL-04-W

Manual Integrations APPROVED
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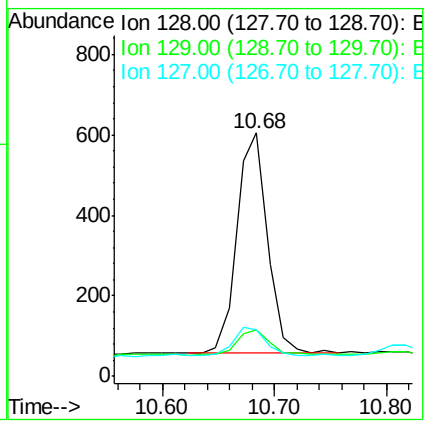
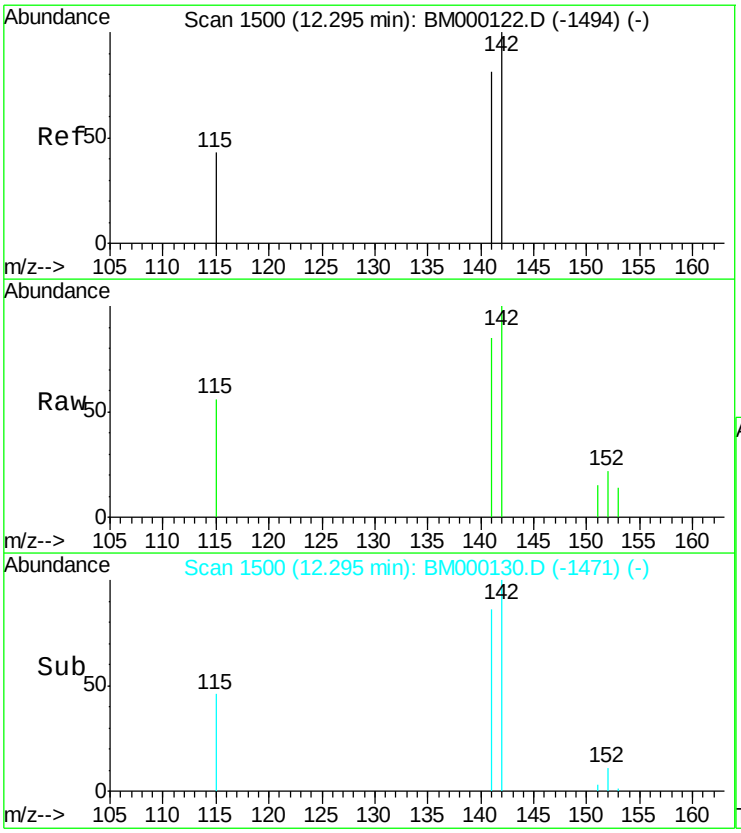
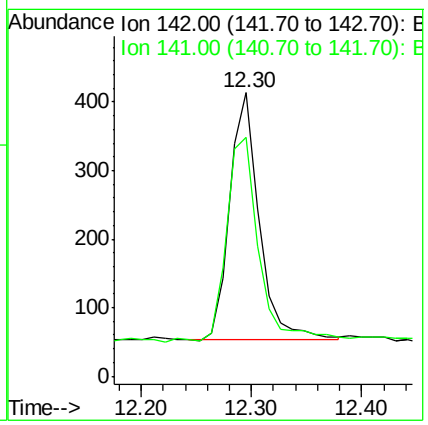


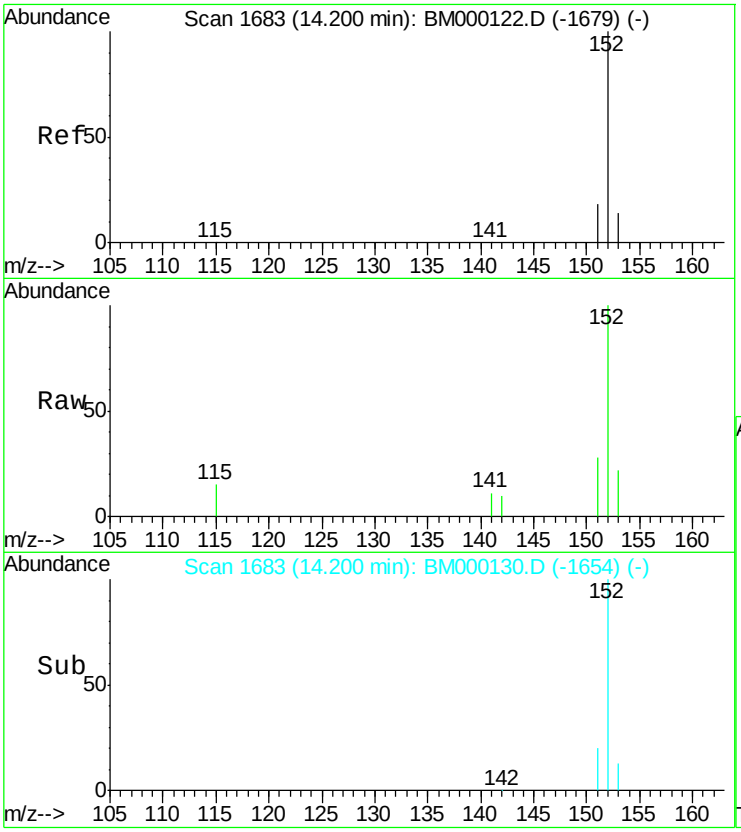


#5
2-Methylnaphthalene
Concen: 0.04 ng/ul
RT: 12.30 min Scan# 1500
Delta R.T. 0.00 min
Lab File: BM000130.D
Acq: 07 Jan 2015 15:52

Tgt Ion:142 Resp: 667

Ion	Ratio	Lower	Upper
142	100		
141	91.9	68.9	103.3

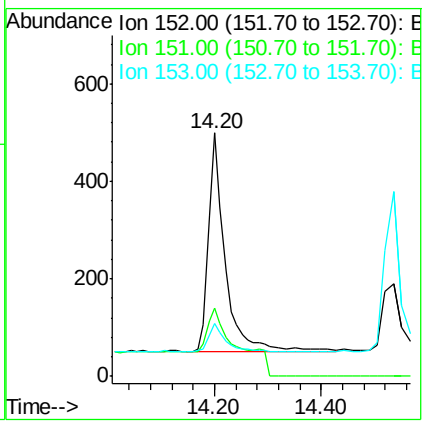




#7
Acenaphthylene
Concen: 0.04 ng/ul
RT: 14.20 min Scan# 1683
Delta R.T. 0.00 min
Lab File: BM000130.D
Acq: 07 Jan 2015 15:52

Tgt Ion:152 Resp: 1130

Ion	Ratio	Lower	Upper
152	100		
151	27.9	15.4	23.2#
153	21.8	11.0	16.4#



Instrument :
BNA_M
ClientSampleId :
MDL-04-W

Manual Integrations APPROVED
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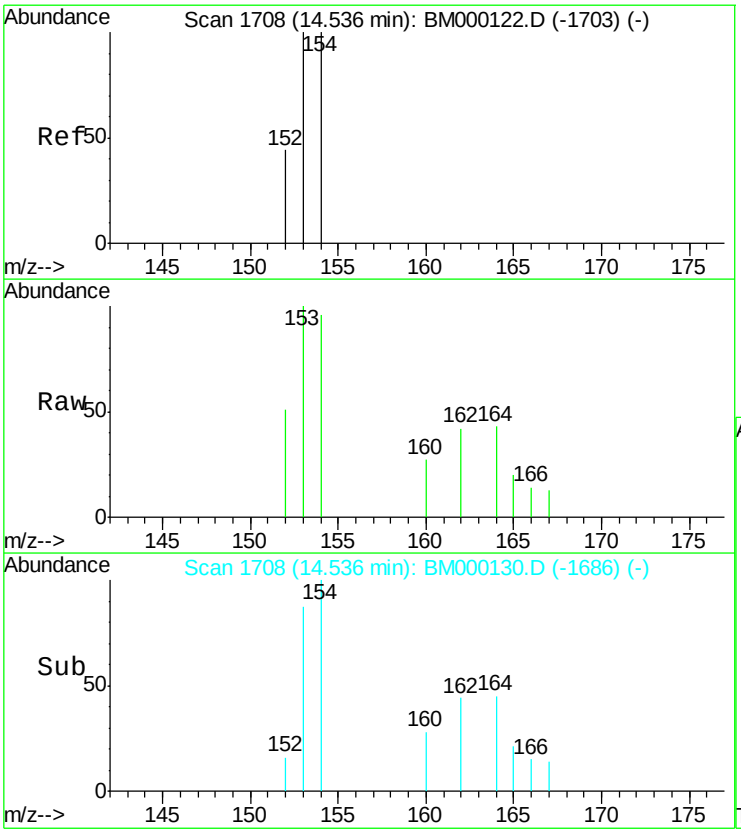
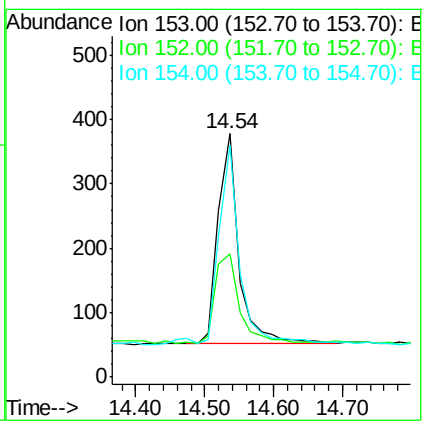
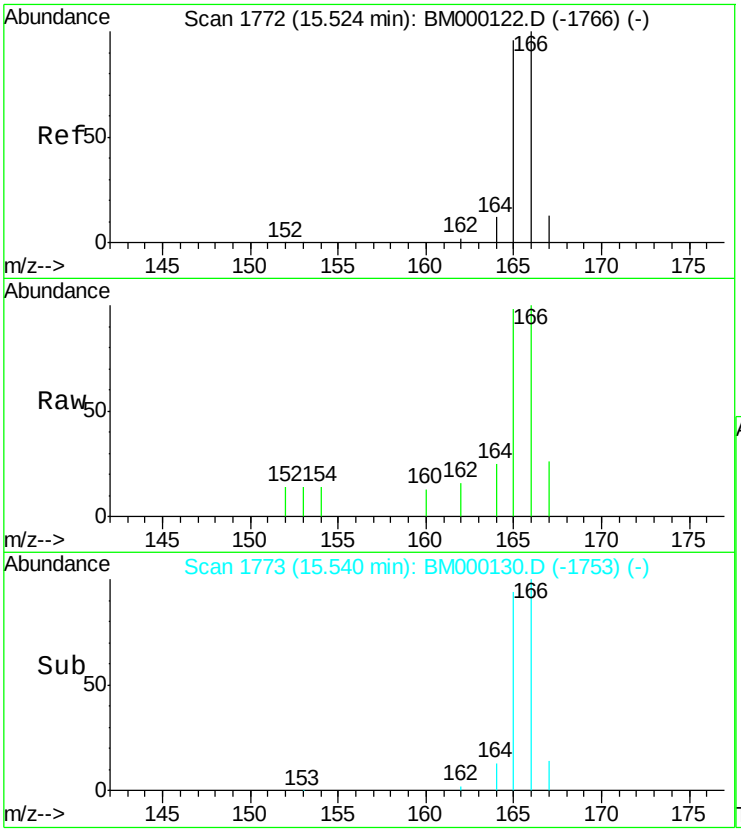


#8
Acenaphthene
Concen: 0.04 ng/ul
RT: 14.54 min Scan# 1708
Delta R.T. 0.00 min
Lab File: BM000130.D
Acq: 07 Jan 2015 15:52

Tgt Ion:153 Resp: 686

Ion	Ratio	Lower	Upper
153	100		
152	50.5	35.8	53.6
154	95.5	79.9	119.9





#9
Fluorene
Concen: 0.04 ng/ul
RT: 15.54 min Scan# 1773
Delta R.T. 0.02 min
Lab File: BM000130.D
Acq: 07 Jan 2015 15:52

Tgt Ion:166 Resp: 816

Ion	Ratio	Lower	Upper
166	100		
165	98.1	77.0	115.4
167	25.8	11.0	16.6#

Instrument :
BNA_M
ClientSampleId :
MDL-04-W

Manual Integrations APPROVED
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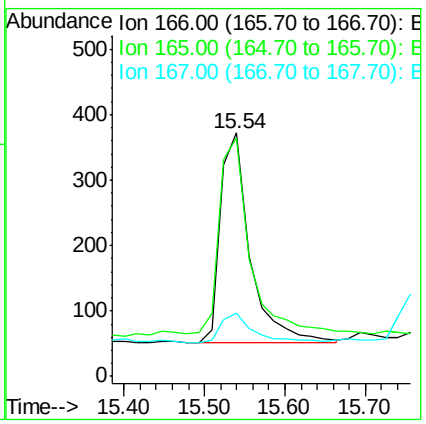
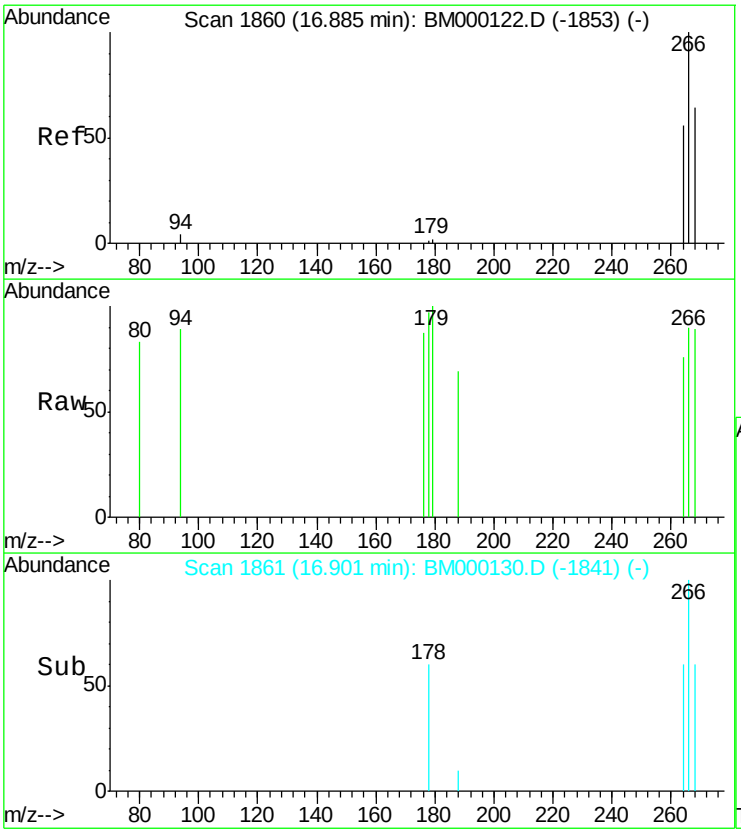
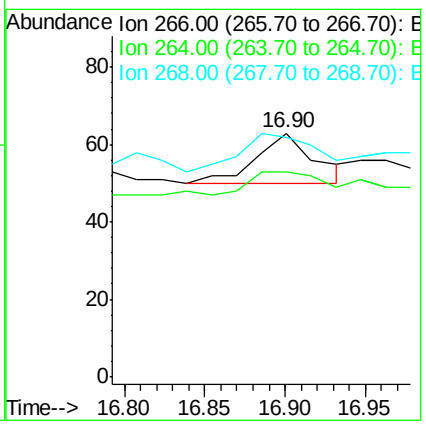


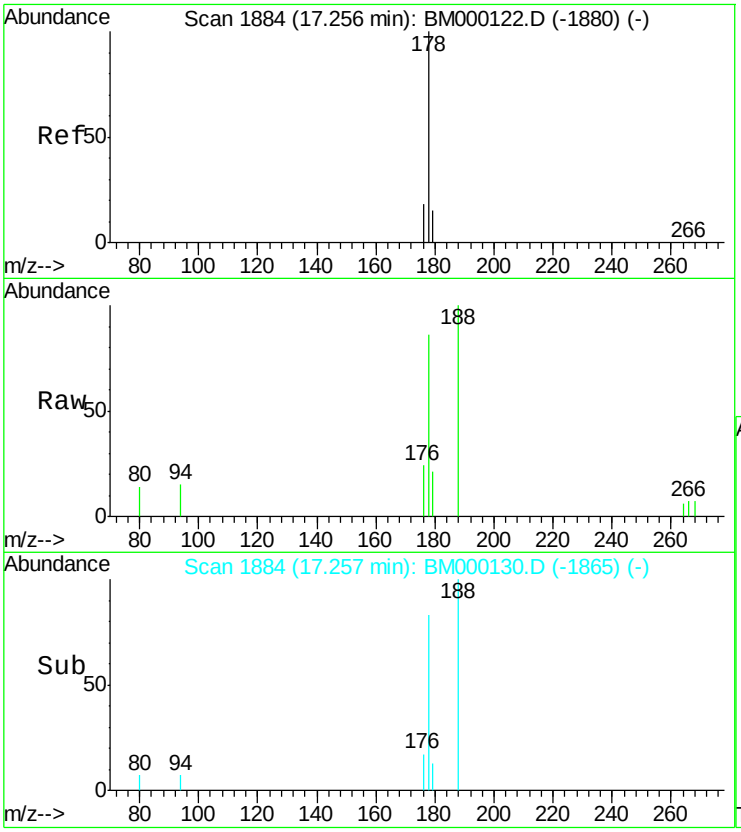


#11
Pentachlorophenol
Concen: 0.02 ng/ul
RT: 16.90 min Scan# 1861
Delta R.T. 0.02 min
Lab File: BM000130.D
Acq: 07 Jan 2015 15:52

Tgt Ion:266 Resp: 33

Ion	Ratio	Lower	Upper
266	100		
264	136.4	53.9	80.9#
268	109.1	49.2	73.8#





#12
Phenanthrene
Concen: 0.04 ng/ul
RT: 17.26 min Scan# 1884
Delta R.T. 0.00 min
Lab File: BM000130.D
Acq: 07 Jan 2015 15:52

Tgt Ion:178 Resp: 1299

Ion	Ratio	Lower	Upper
178	100		
176	27.4	15.1	22.7#
179	24.9	13.0	19.4#

Instrument :
BNA_M
ClientSampleId :
MDL-04-W

Manual Integrations APPROVED
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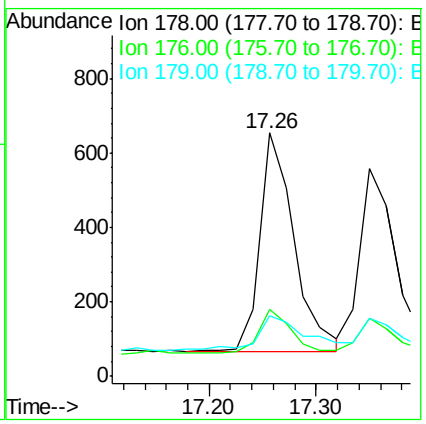
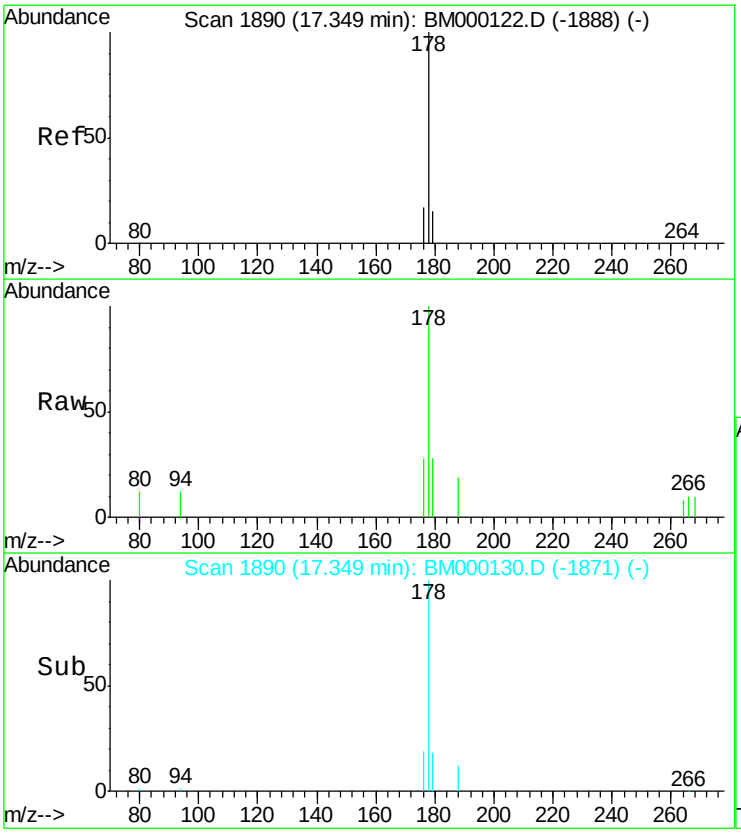
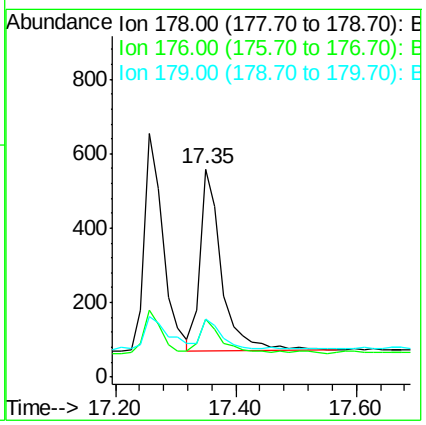


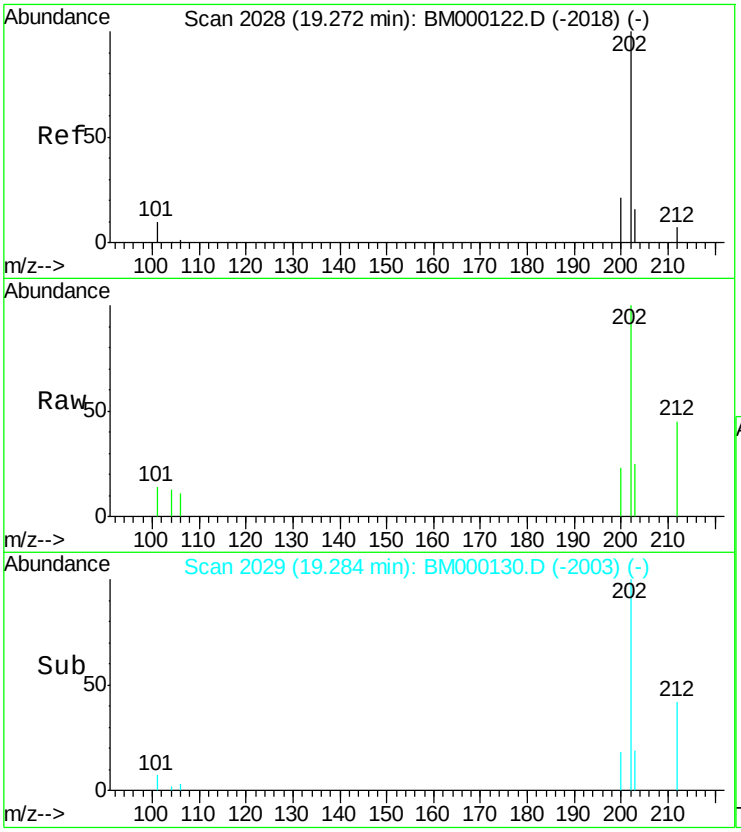


#13
Anthracene
Concen: 0.04 ng/ul
RT: 17.35 min Scan# 1890
Delta R.T. 0.00 min
Lab File: BM000130.D
Acq: 07 Jan 2015 15:52

Tgt Ion:178 Resp: 1233

Ion	Ratio	Lower	Upper
178	100		
176	28.1	14.6	21.8#
179	27.9	13.1	19.7#

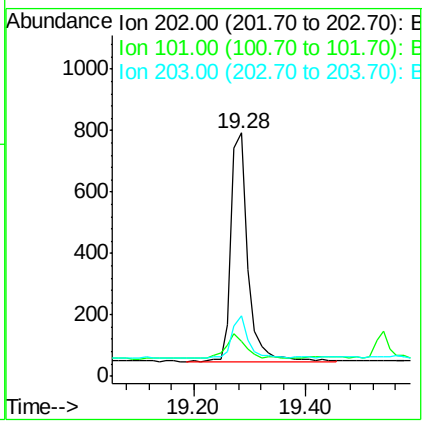




#15
Fluoranthene
Concen: 0.04 ng/ul
RT: 19.28 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BM000130.D
Acq: 07 Jan 2015 15:52

Tgt Ion:202 Resp: 1538

Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	30.5
203	25.1	0.0	36.6



Instrument :
BNA_M
ClientSampleId :
MDL-04-W

Manual Integrations APPROVED
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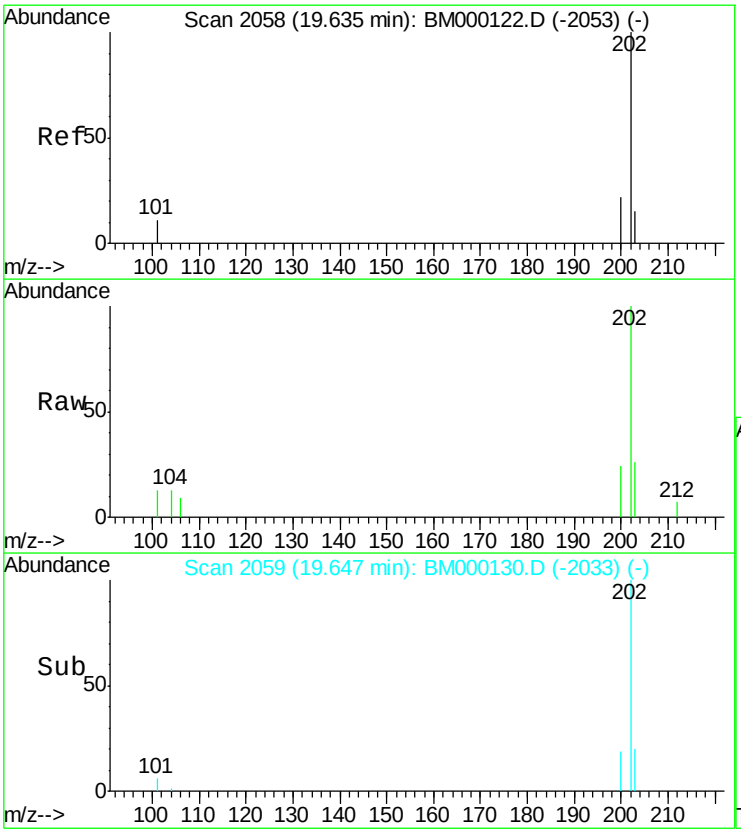
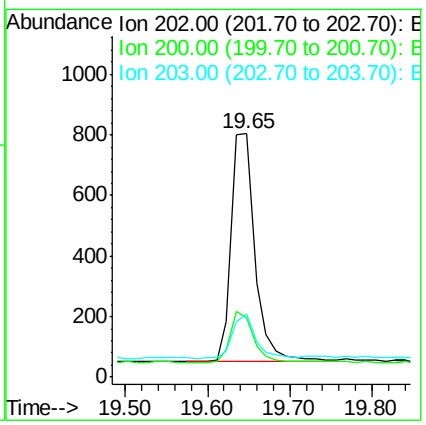
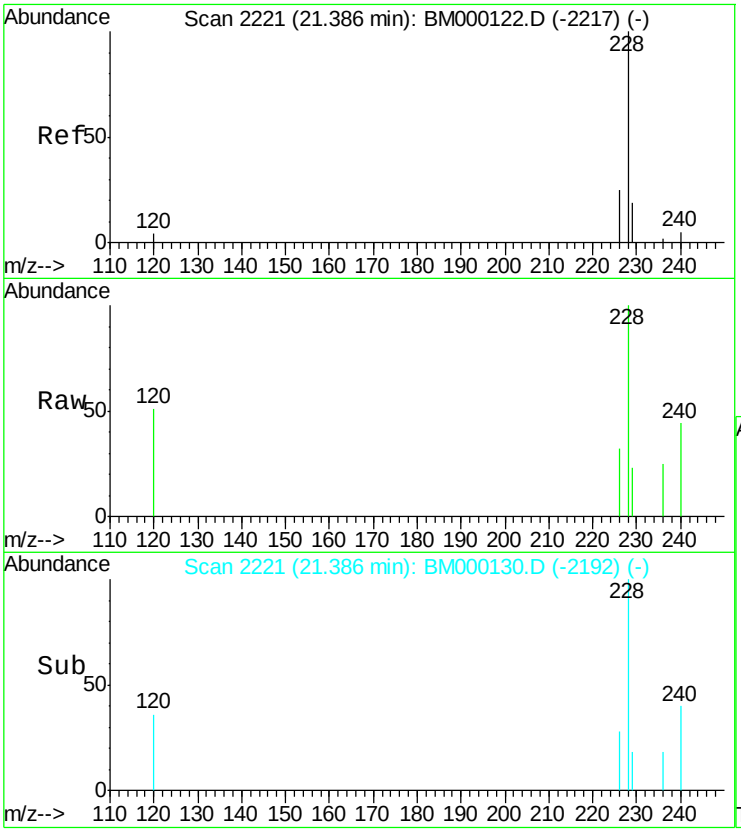


#17
Pyrene
Concen: 0.04 ng/ul
RT: 19.65 min Scan# 2059
Delta R.T. 0.01 min
Lab File: BM000130.D
Acq: 07 Jan 2015 15:52

Tgt Ion:202 Resp: 1521

Ion	Ratio	Lower	Upper
202	100		
200	24.1	17.9	26.9
203	26.1	12.8	19.2#

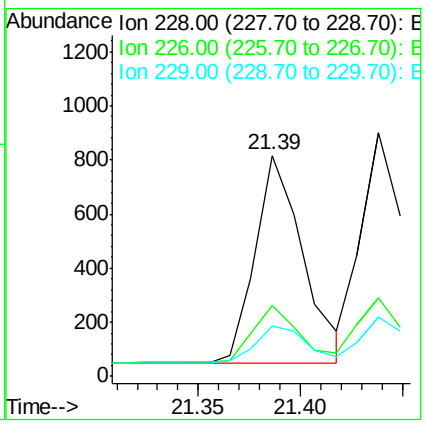




#18
Benzo(a)anthracene
Concen: 0.04 ng/ul
RT: 21.39 min Scan# 2221
Delta R.T. 0.00 min
Lab File: BM000130.D
Acq: 07 Jan 2015 15:52

Tgt Ion:228 Resp: 1248

Ion	Ratio	Lower	Upper
228	100		
226	31.9	20.8	31.2#
229	23.0	15.5	23.3



Instrument :
BNA_M
ClientSampleId :
MDL-04-W

Manual Integrations APPROVED
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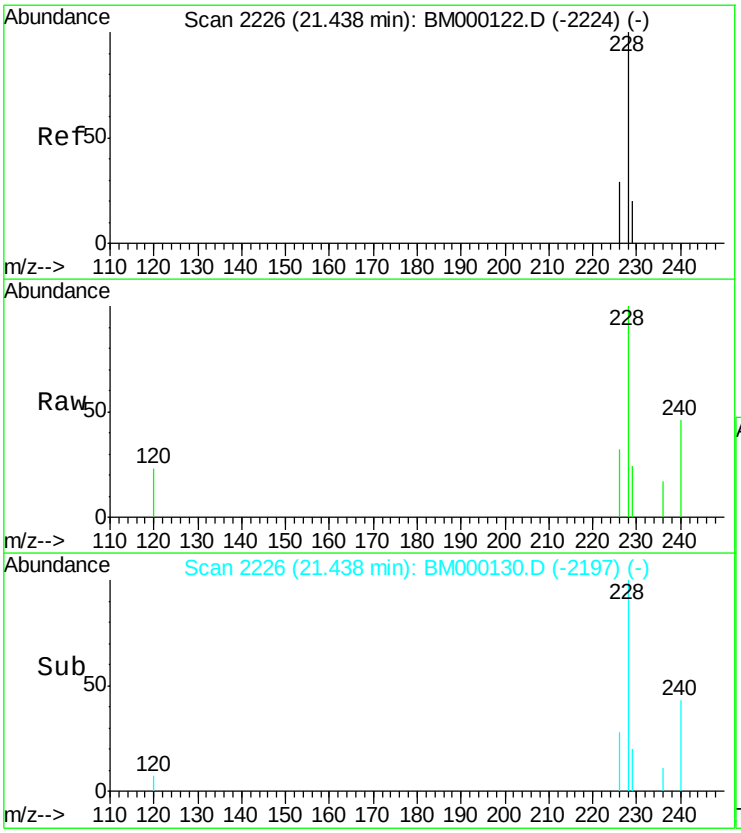
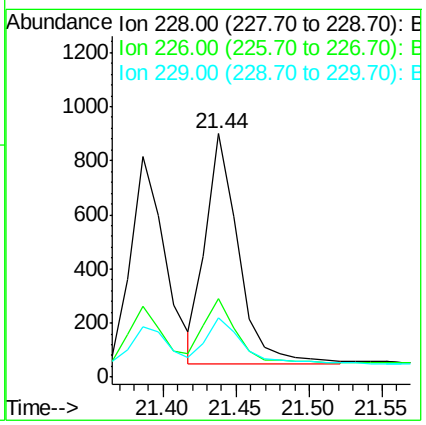
1/9/2015 5:44:44 PM

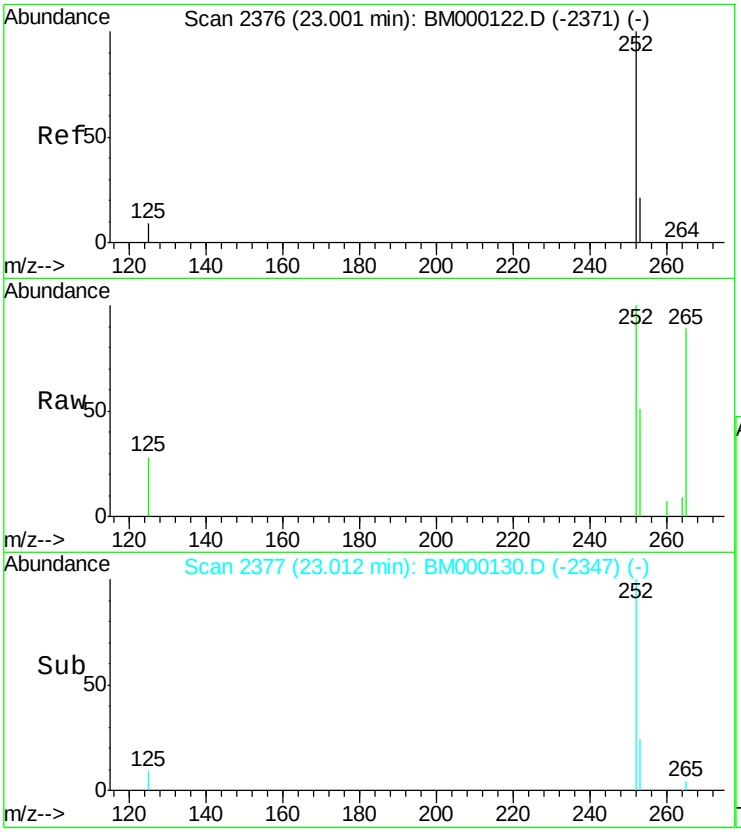


#19
Chrysene
Concen: 0.04 ng/ul m
RT: 21.44 min Scan# 2226
Delta R.T. 0.00 min
Lab File: BM000130.D
Acq: 07 Jan 2015 15:52

Tgt Ion:228 Resp: 1330

Ion	Ratio	Lower	Upper
228	100		
226	32.0	23.8	35.6
229	24.2	15.8	23.8#





#21
Benzo(b)fluoranthene
Concen: 0.04 ng/ul
RT: 23.01 min Scan# 2377
Delta R.T. 0.01 min
Lab File: BM000130.D
Acq: 07 Jan 2015 15:52

Tgt Ion:252 Resp: 1237

Ion	Ratio	Lower	Upper
252	100		
253	51.0	0.0	48.2#
125	27.5	0.0	21.6#

Instrument :
BNA_M
ClientSampleId :
MDL-04-W

Manual Integrations APPROVED
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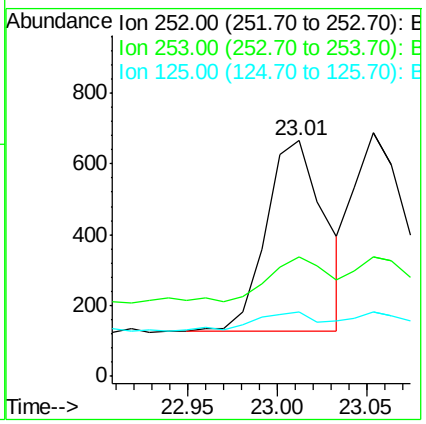
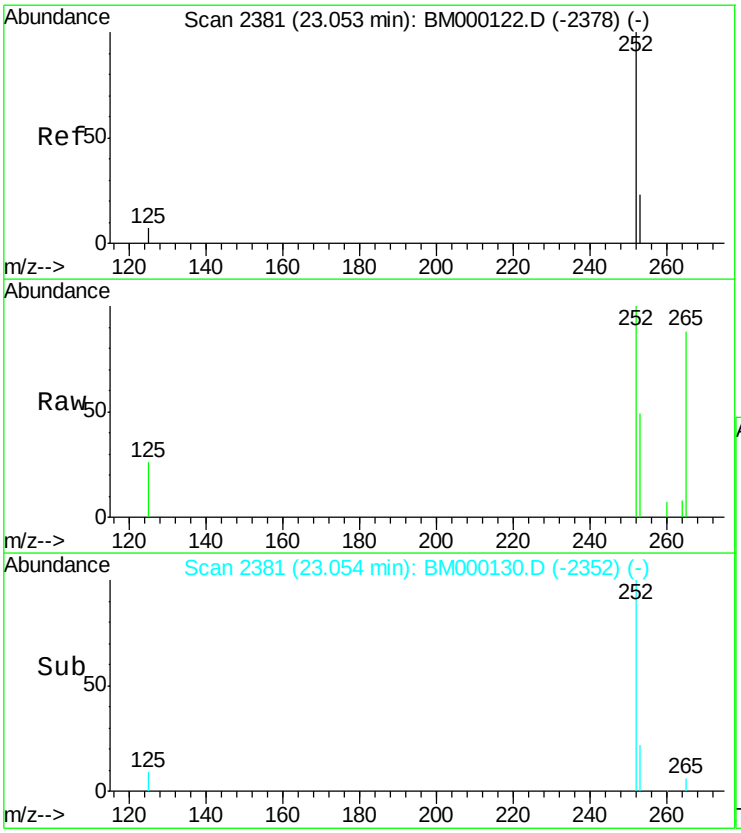
1/9/2015 5:44:44 PM

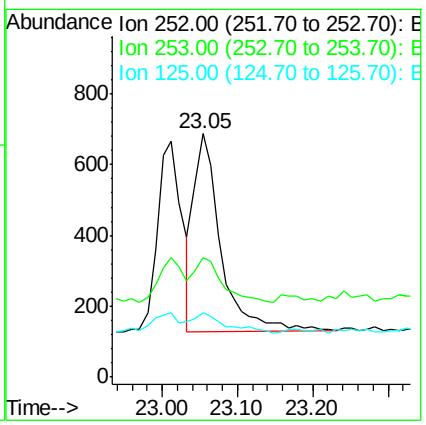


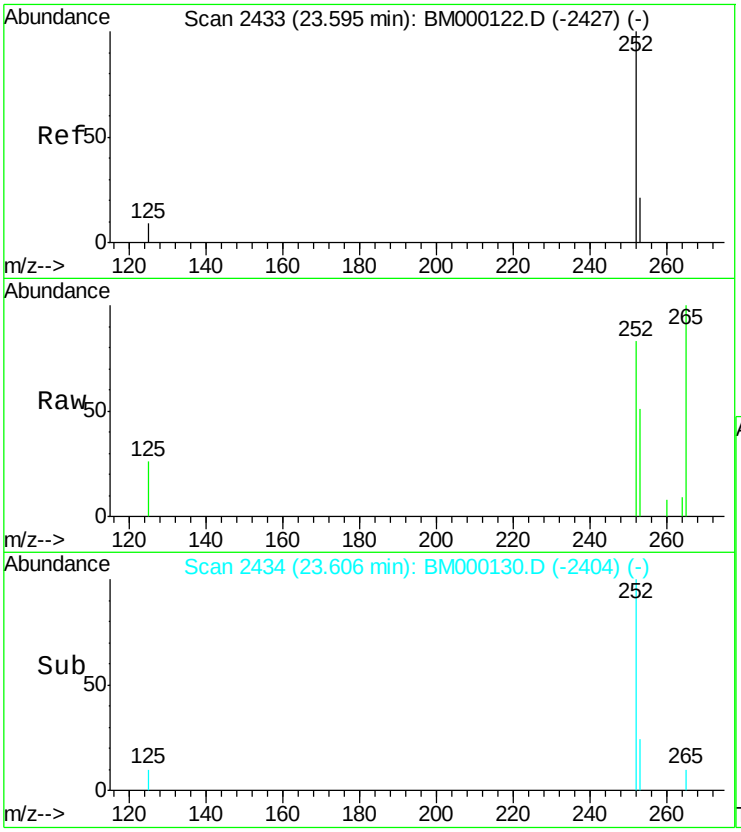


#22
Benzo(k)fluoranthene
Concen: 0.05 ng/ul
RT: 23.05 min Scan# 2381
Delta R.T. 0.00 min
Lab File: BM000130.D
Acq: 07 Jan 2015 15:52

Tgt Ion:252 Resp: 1357

Ion	Ratio	Lower	Upper
252	100		
253	49.3	20.5	30.7#
125	26.2	7.8	11.8#





#23
Benzo(a)pyrene
Concen: 0.04 ng/ul
RT: 23.61 min Scan# 2434
Delta R.T. 0.01 min
Lab File: BM000130.D
Acq: 07 Jan 2015 15:52

Tgt Ion:252 Resp: 1206

Ion	Ratio	Lower	Upper
252	100		
253	60.6	19.8	29.6#
125	31.7	9.2	13.8#

Instrument :
BNA_M
ClientSampleId :
MDL-04-W

Manual Integrations APPROVED
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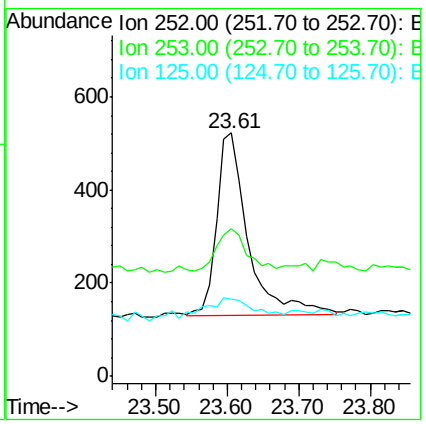
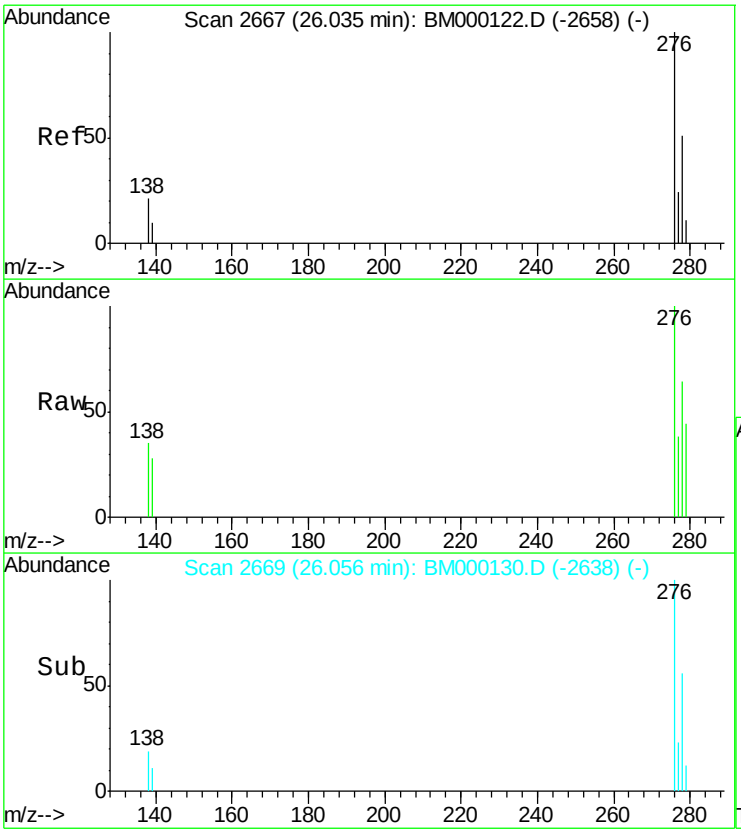
1/9/2015 5:44:44 PM

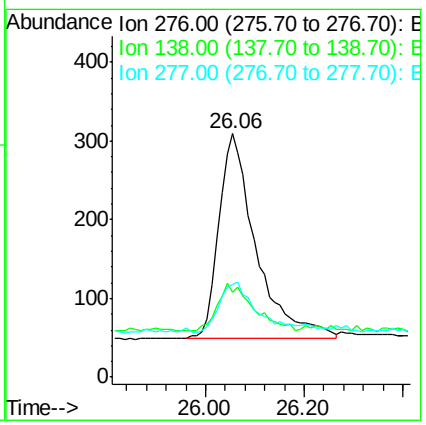


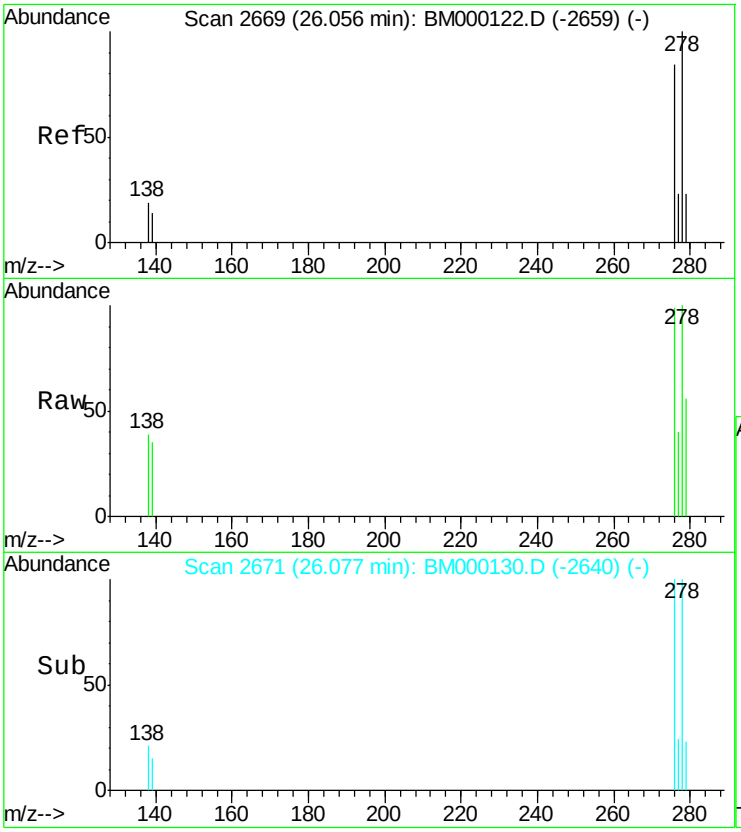


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.04 ng/ul
RT: 26.06 min Scan# 2669
Delta R.T. 0.02 min
Lab File: BM000130.D
Acq: 07 Jan 2015 15:52

Tgt Ion:276 Resp: 1349

Ion	Ratio	Lower	Upper
276	100		
138	22.1	17.6	26.4
277	0.0	19.9	29.9#





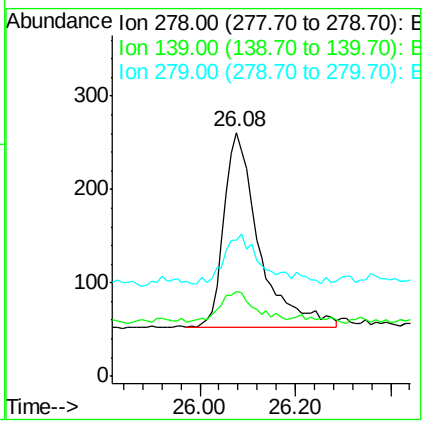
#25
Dibenzo(a,h)anthracene
Concen: 0.04 ng/ul
RT: 26.08 min Scan# 2671
Delta R.T. 0.02 min
Lab File: BM000130.D
Acq: 07 Jan 2015 15:52

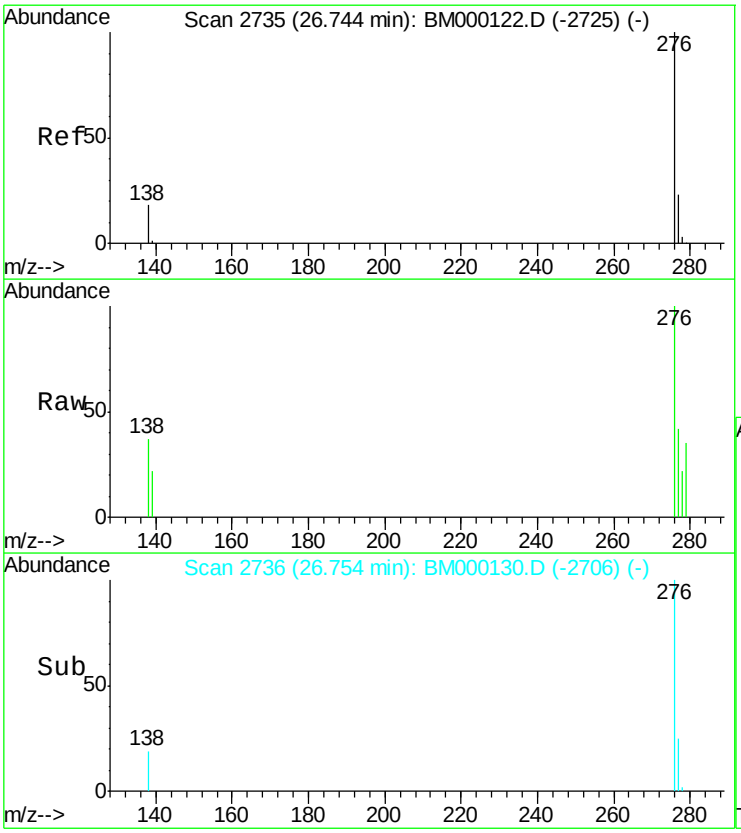
Tgt Ion:278 Resp: 1068

Ion	Ratio	Lower	Upper
278	100		
139	34.9	12.6	18.8#
279	55.9	20.6	30.8#

Instrument :
BNA_M
ClientSampleId :
MDL-04-W

Manual Integrations APPROVED
TEJASKUMAR
1/9/2015 5:44:44 PM





#26
Benzo(g,h,i)perylene
Concen: 0.04 ng/ul
RT: 26.75 min Scan# 2736
Delta R.T. 0.01 min
Lab File: BM000130.D
Acq: 07 Jan 2015 15:52

Tgt Ion:276 Resp: 1205

Ion	Ratio	Lower	Upper
276	100		
277	41.6	20.0	30.0#
138	37.3	15.7	23.5#