Quantitation Report (QT Reviewed)

Data Path : V:\HPCHEM1\BNA M\DATA\BM112115\
Data File : BM003259.D
Acq On : 21 Nov 2015 21:41
Operator : UM/IZ
Sample : G4323-32MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4J60MS

Manual Integrations APPROVED
Mmdadoda
11/23/2015 7:04:20 PM

Quant Time: Nov 22 05:53:06 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM111815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 04:42:03 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	15963	0.40	ng/ul	0.00
4) Naphthalene-d8	10.52	136	63586	0.40	ng/ul	-0.01
8) Acenaphthene-d10	14.38	164	32099	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.12	188	63199	0.40	ng/ul	0.00
18) Chrysene-d12	21.33	240	56314	0.40	ng/ul	0.00
22) Perylene-d12	23.59	264	57060	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.16	96	646	0.04	ng/uL	-0.03
6) 2-Methylnaphthalene-d10	12.12	152	18687	0.22	ng/ul	0.00
16) Fluoranthene-d10	19.16	212	34340	0.22	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.57	128	9873	0.06	ng/ul#	94
7) 2-Methylnaphthalene	12.19	142	3509	0.03	ng/ul#	100
9) Acenaphthylene	14.09	152	18778	0.14	ng/ul	99
10) Acenaphthene	14.43	153	7023	0.06	ng/ul#	78
13) Pentachlorophenol	16.78	266	5165	0.35	ng/ul	94
14) Phenanthrene	17.16	178	217607m	1.19	ng/ul	
15) Anthracene	17.26	178	37808	0.25	ng/ul	98
17) Fluoranthene	19.20	202	455153	2.24	ng/ul	92
19) Pyrene	19.56	202	416514	2.16	ng/ul	93
20) Benzo(a)anthracene	21.31	228	180250	1.10	ng/ul#	91
21) Chrysene	21.36	228	215596	1.17	ng/ul	95
23) Benzo(b)fluoranthene	22.90	252	297263m	1.37	ng/ul	
24) Benzo(k)fluoranthene	22.94	252	94361m	0.46	ng/ul	
25) Benzo(a)pyrene	23.48	252	189148	0.98	ng/ul	98
26) Indeno(1,2,3-cd)pyrene	25.86	276	139217	0.61	ng/ul#	93
27) Dibenzo(a,h)anthracene	25.87	278	31600	0.17	ng/ul#	84
28) Benzo(g,h,i)perylene	26.56	276	132504	0.66	ng/ul	99

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

Quantitation Report (QT Reviewed)

Data Path : V:\HPCHEM1\BNA M\DATA\BM112115\
Data File : BM003259.D
Acq On : 21 Nov 2015 21:41
Operator : UM/IZ
Sample : G4323-32MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Nov 22 05:53:06 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM111815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 04:42:03 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4J60MS

Manual Integrations APPROVED
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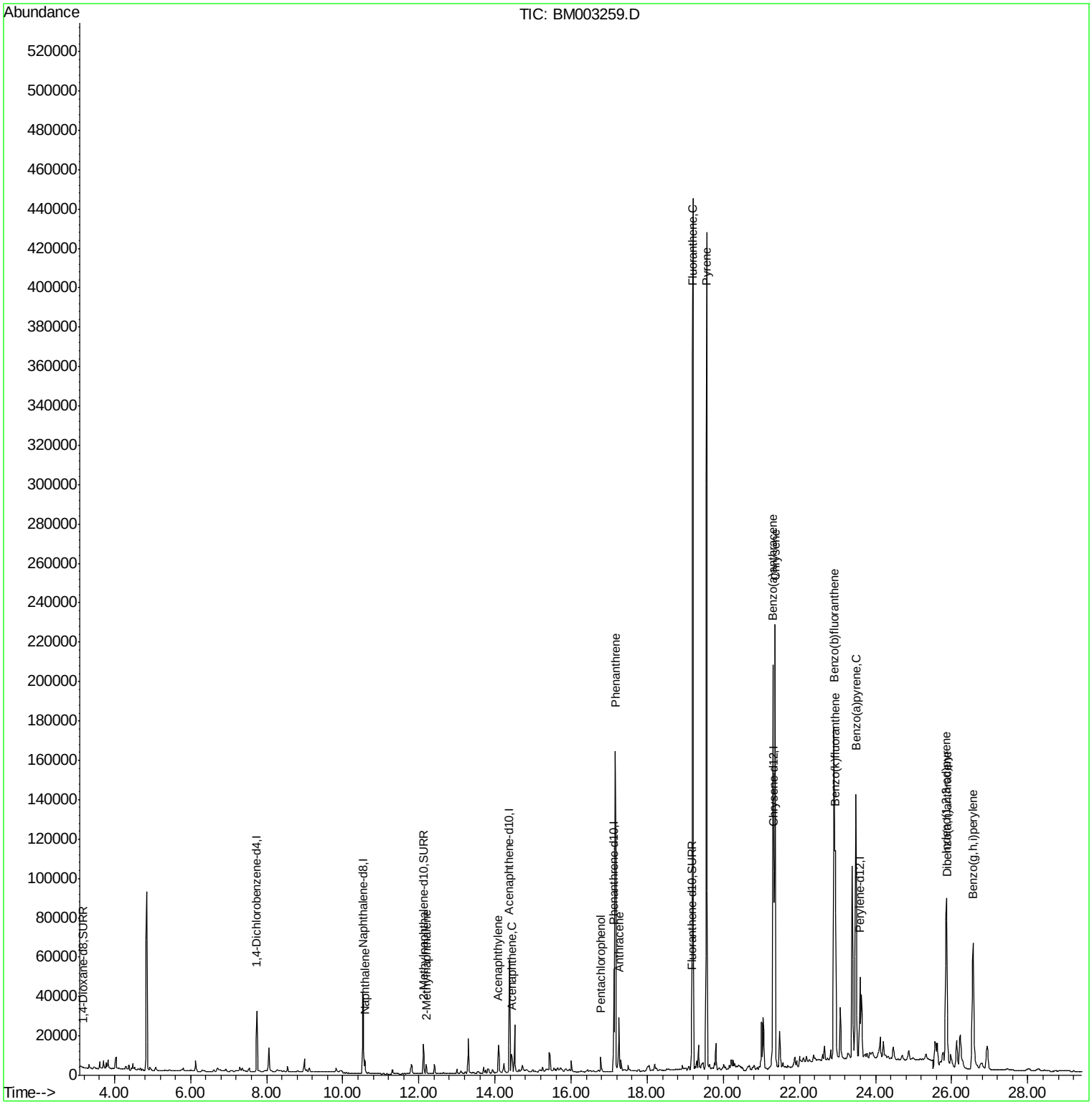
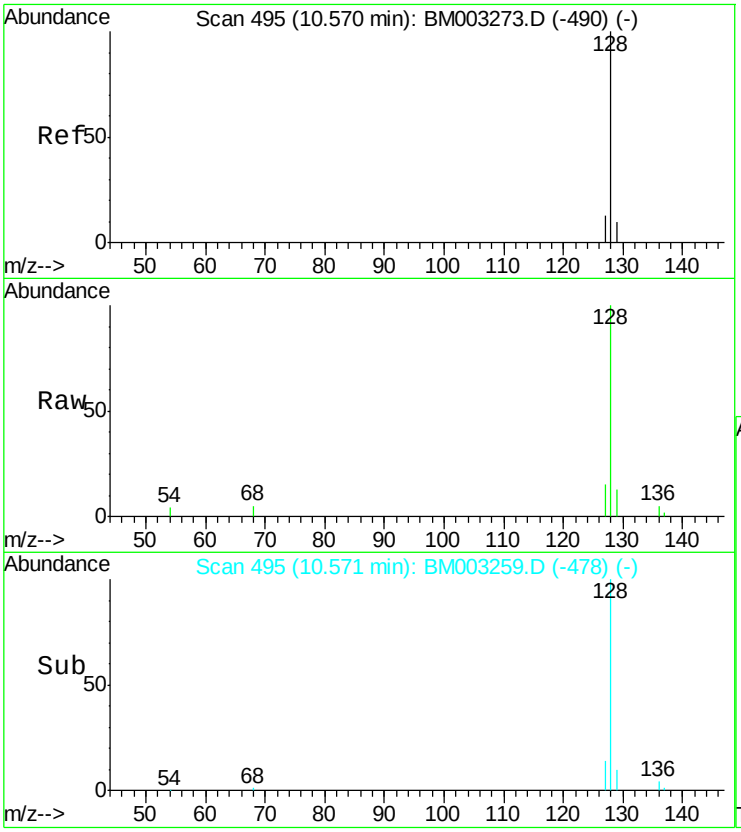
11/23/2015 7:04:20 PM

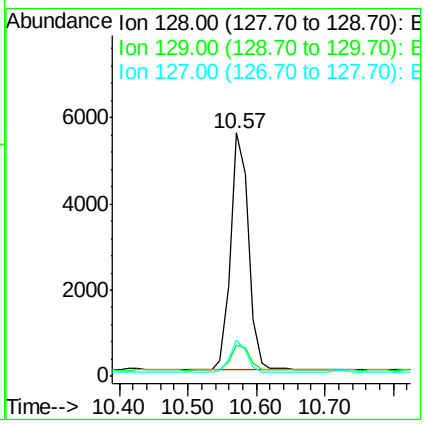




#5
Naphthalene
Concen: 0.06 ng/ul
RT: 10.57 min Scan# 495
Delta R.T. 0.00 min
Lab File: BM003259.D
Acq: 21 Nov 2015 21:41

Tgt Ion:128 Resp: 9873

Ion	Ratio	Lower	Upper
128	100		
129	12.7	9.0	13.6
127	14.9	9.6	14.4#



Instrument :
BNA_M
ClientSampleId :
A4J60MS

Manual Integrations APPROVED
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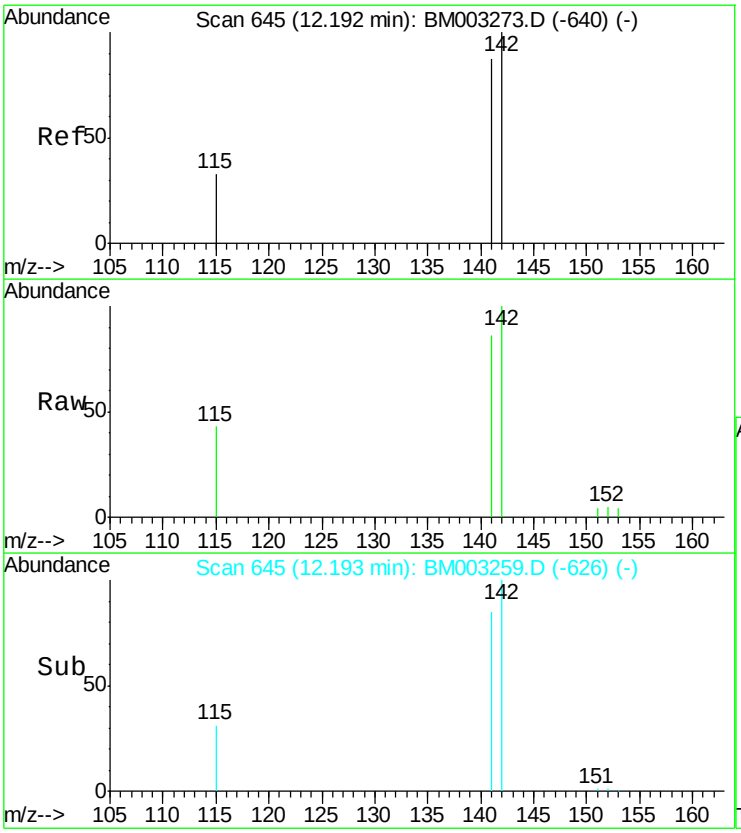
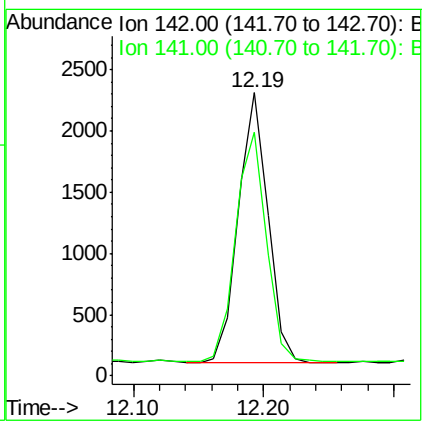
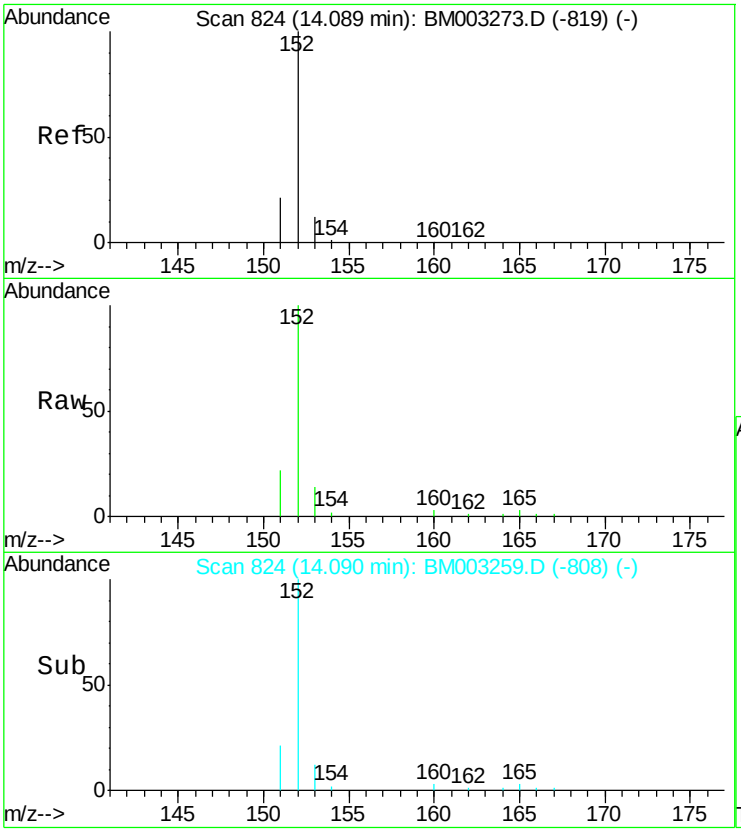


#7
2-Methylnaphthalene
Concen: 0.03 ng/ul
RT: 12.19 min Scan# 645
Delta R.T. 0.00 min
Lab File: BM003259.D
Acq: 21 Nov 2015 21:41

Tgt Ion:142 Resp: 3509

Ion	Ratio	Lower	Upper
142	100		
141	86.9	0.0	0.0#

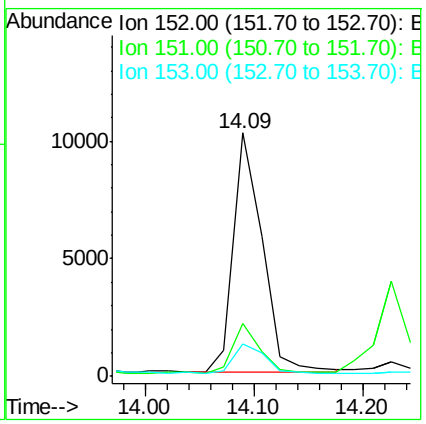




#9
Acenaphthylene
Concen: 0.14 ng/ul
RT: 14.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BM003259.D
Acq: 21 Nov 2015 21:41

Tgt Ion:152 Resp: 18778

Ion	Ratio	Lower	Upper
152	100		
151	22.0	17.6	26.4
153	13.6	9.7	14.5



Instrument :
BNA_M
ClientSampleId :
A4J60MS

Manual Integrations APPROVED
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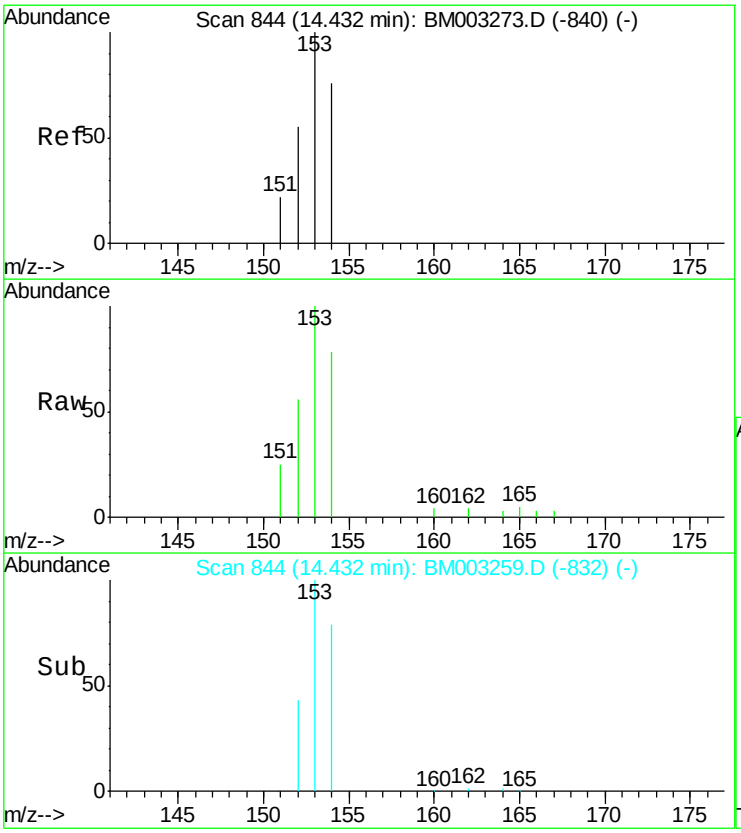
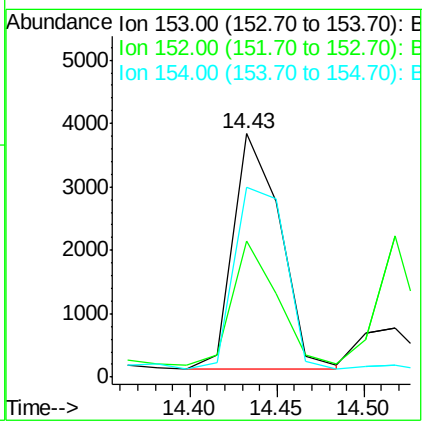
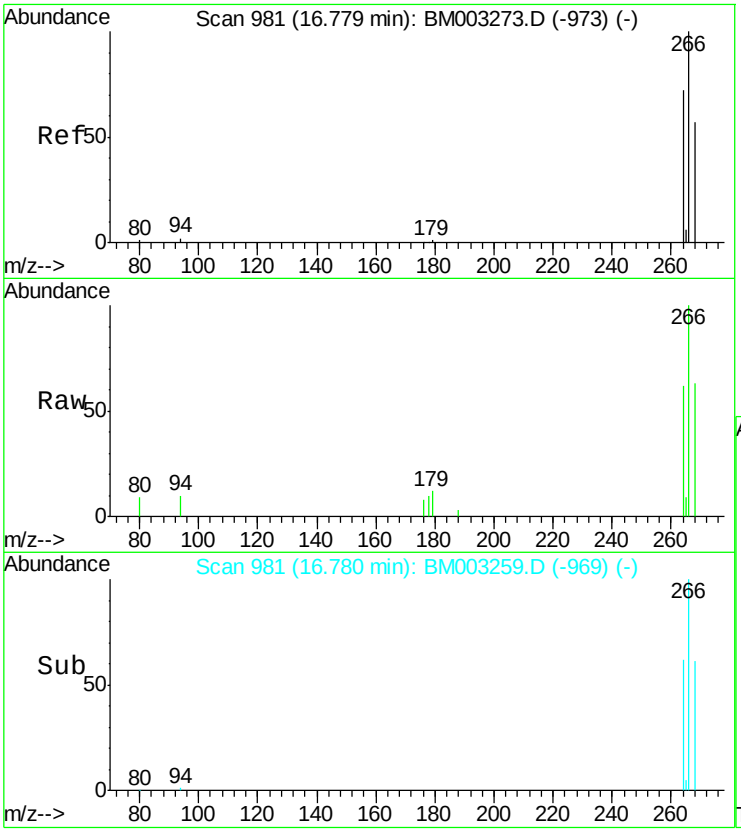


#10
Acenaphthene
Concen: 0.06 ng/ul
RT: 14.43 min Scan# 844
Delta R.T. 0.00 min
Lab File: BM003259.D
Acq: 21 Nov 2015 21:41

Tgt Ion:153 Resp: 7023

Ion	Ratio	Lower	Upper
153	100		
152	56.0	33.9	50.9#
154	78.1	80.6	121.0#

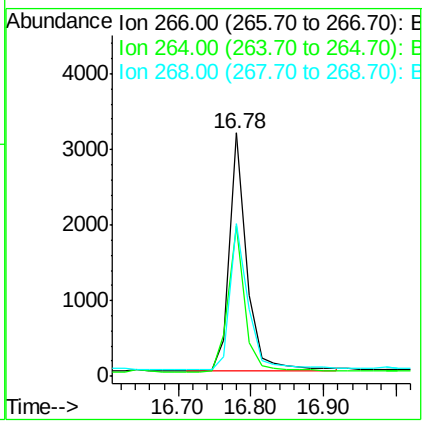




#13
Pentachlorophenol
Concen: 0.35 ng/ul
RT: 16.78 min Scan# 981
Delta R.T. 0.00 min
Lab File: BM003259.D
Acq: 21 Nov 2015 21:41

Tgt Ion:266 Resp: 5165

Ion	Ratio	Lower	Upper
266	100		
264	61.2	51.8	77.8
268	63.9	46.8	70.2



Instrument :
BNA_M
ClientSampleId :
A4J60MS

Manual Integrations APPROVED
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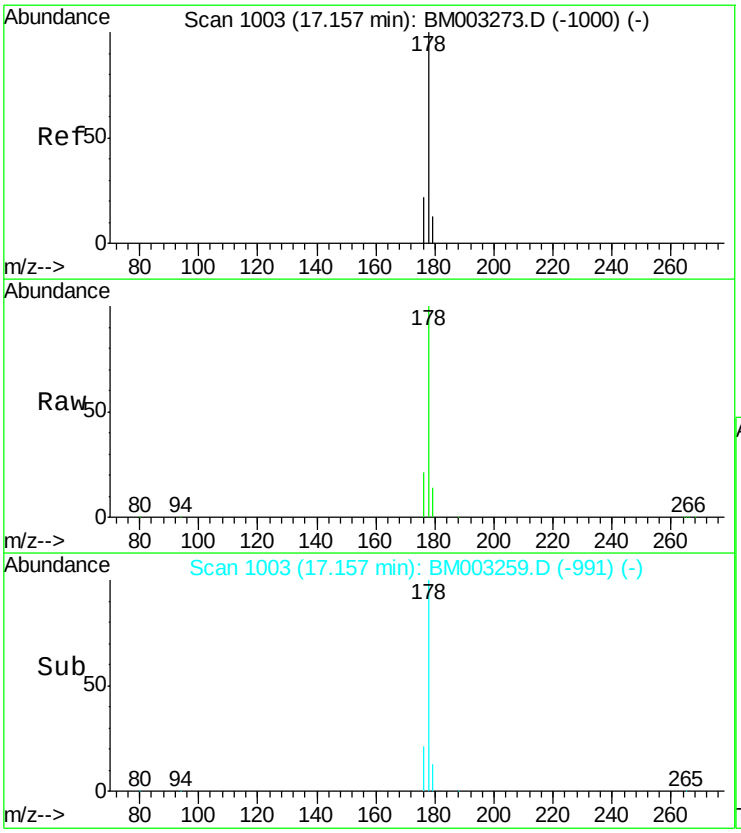
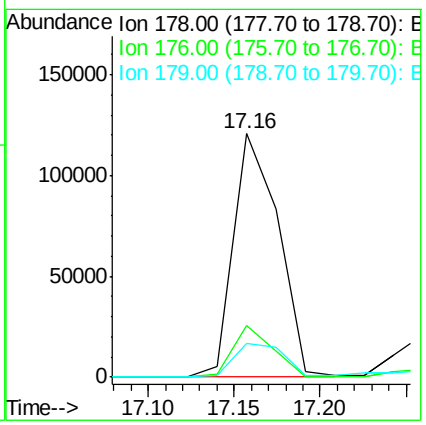
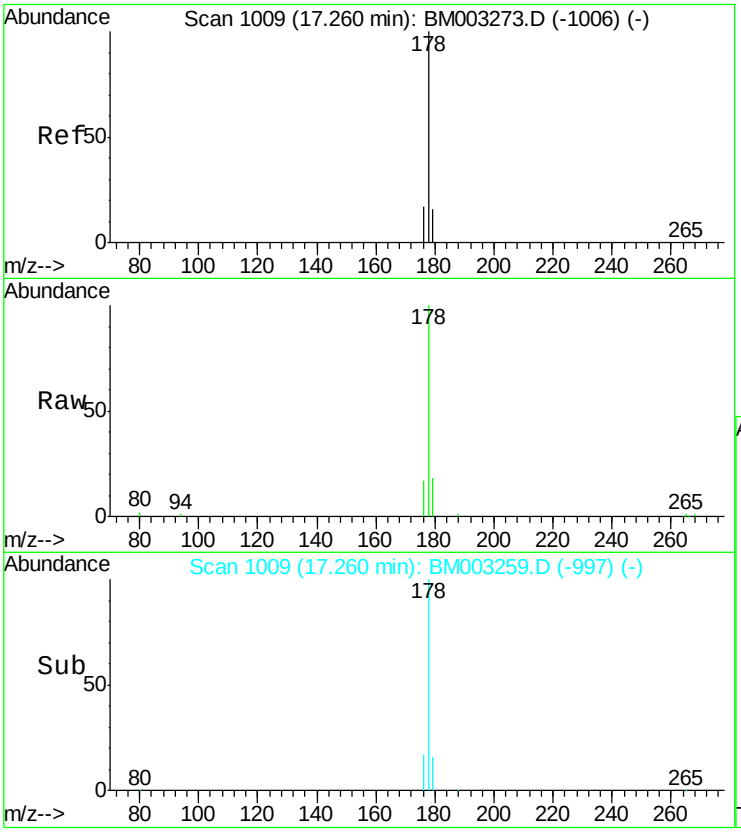


#14
Phenanthrene
Concen: 1.19 ng/ul m
RT: 17.16 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BM003259.D
Acq: 21 Nov 2015 21:41

Tgt Ion:178 Resp: 217607

Ion	Ratio	Lower	Upper
178	100		
176	21.4	13.0	19.4#
179	13.7	14.2	21.2#

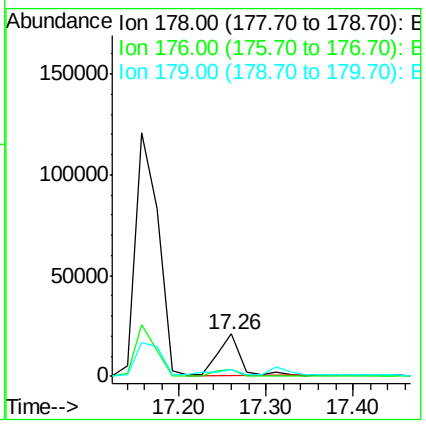




#15
Anthracene
Concen: 0.25 ng/ul
RT: 17.26 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BM003259.D
Acq: 21 Nov 2015 21:41

Tgt Ion:178 Resp: 37808

Ion	Ratio	Lower	Upper
178	100		
176	17.3	14.0	21.0
179	17.6	12.9	19.3



Instrument :
BNA_M
ClientSampleId :
A4J60MS

Manual Integrations APPROVED
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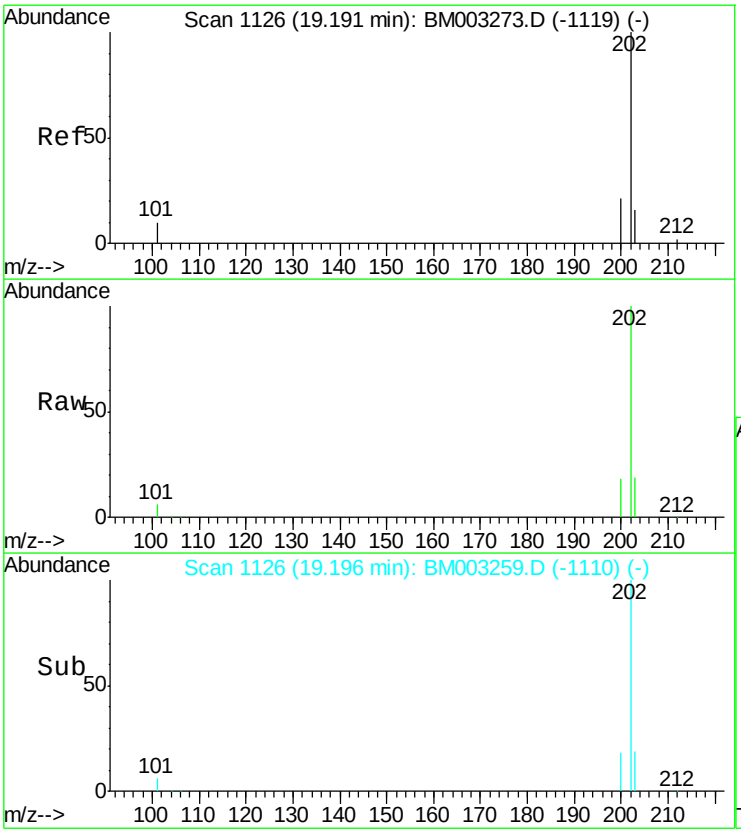
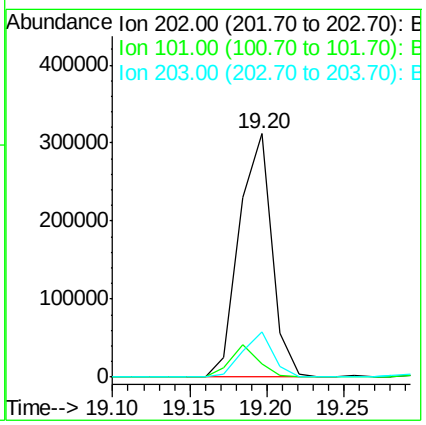
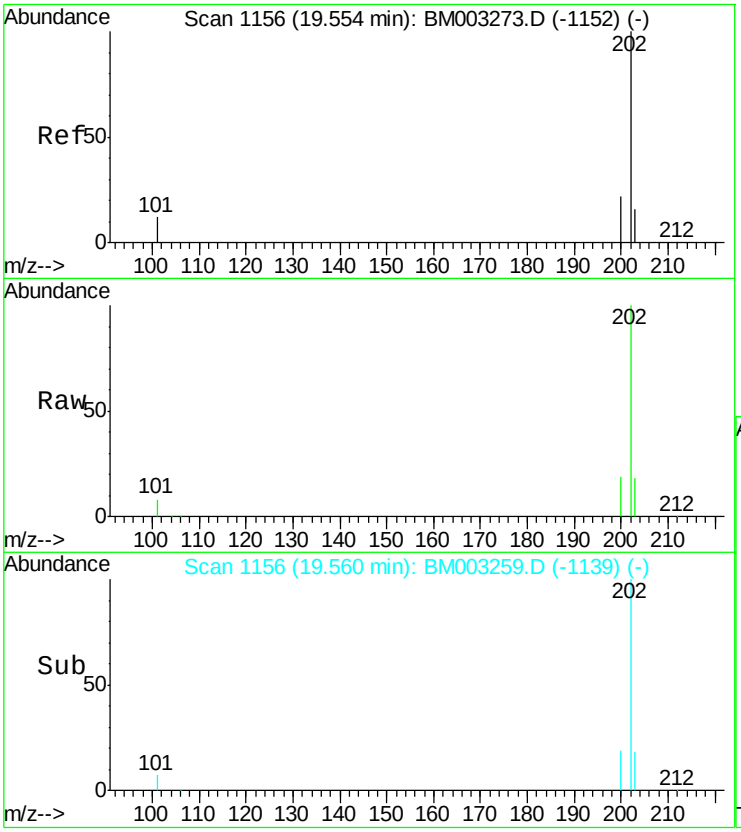


#17
Fluoranthene
Concen: 2.24 ng/ul
RT: 19.20 min Scan# 1126
Delta R.T. 0.01 min
Lab File: BM003259.D
Acq: 21 Nov 2015 21:41

Tgt Ion:202 Resp: 455153

Ion	Ratio	Lower	Upper
202	100		
101	5.6	0.0	29.6
203	18.8	0.0	36.3

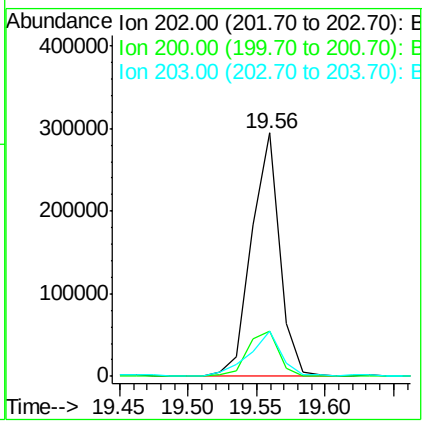




#19
Pyrene
Concen: 2.16 ng/ul
RT: 19.56 min Scan# 1156
Delta R.T. 0.01 min
Lab File: BM003259.D
Acq: 21 Nov 2015 21:41

Tgt Ion:202 Resp: 416514

Ion	Ratio	Lower	Upper
202	100		
200	18.8	17.8	26.8
203	18.5	12.8	19.2



Instrument :
BNA_M
ClientSampleId :
A4J60MS

Manual Integrations APPROVED
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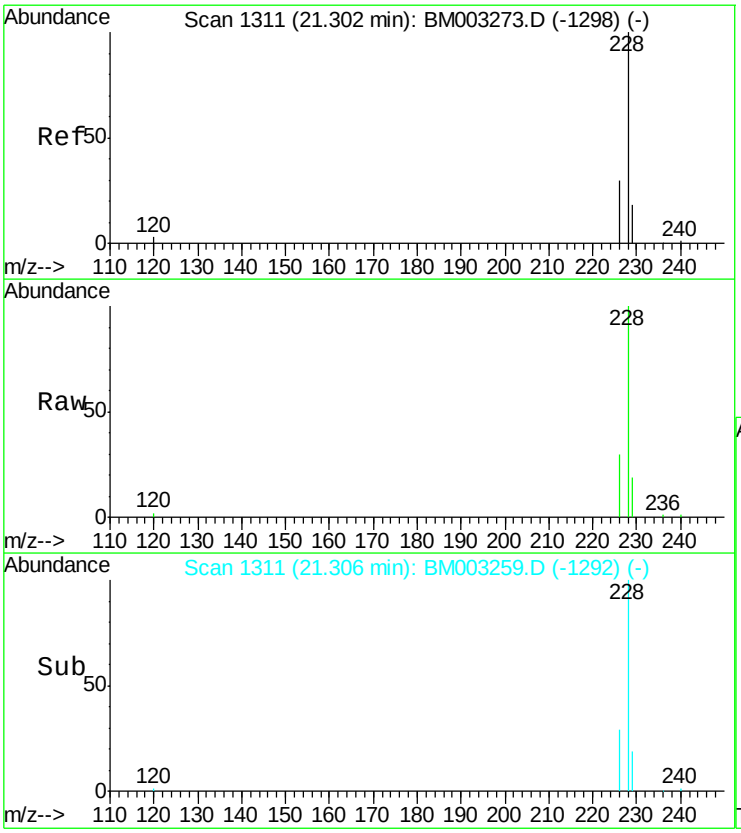
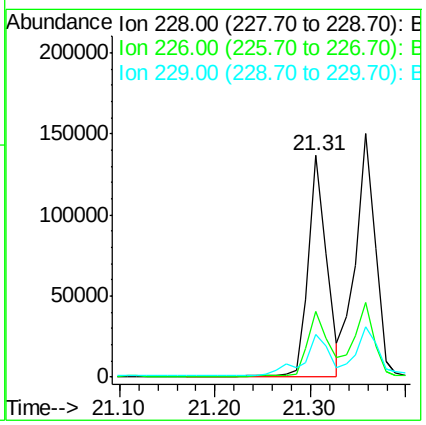
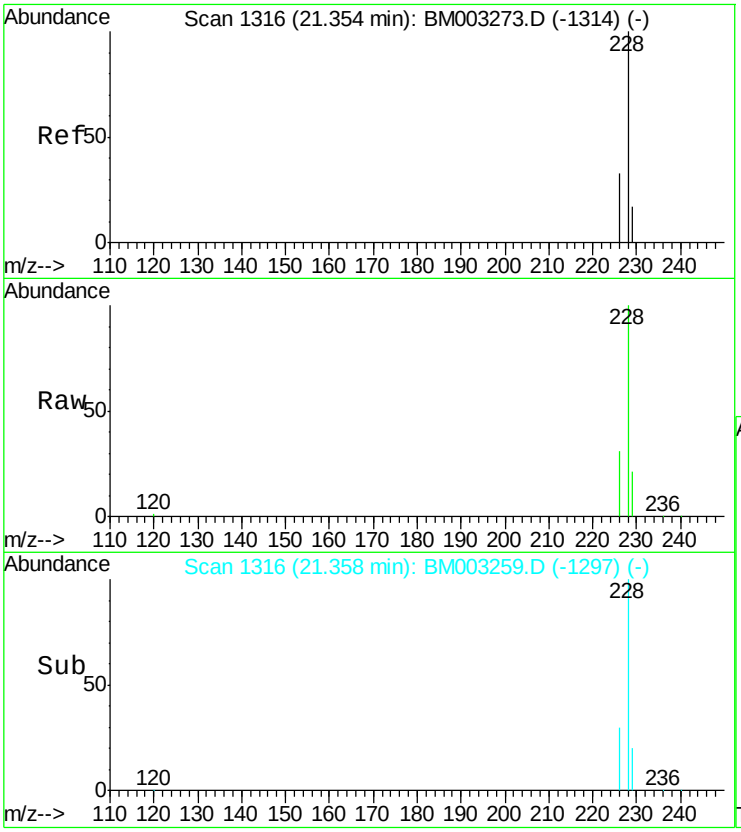


#20
Benzo(a)anthracene
Concen: 1.10 ng/ul
RT: 21.31 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BM003259.D
Acq: 21 Nov 2015 21:41

Tgt Ion:228 Resp: 180250

Ion	Ratio	Lower	Upper
228	100		
226	29.7	18.8	28.2#
229	19.4	17.1	25.7

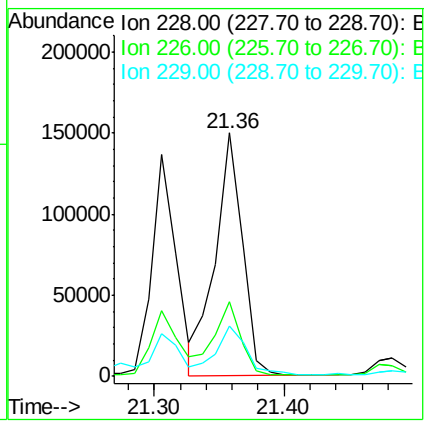




#21
Chrysene
Concen: 1.17 ng/ul
RT: 21.36 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BM003259.D
Acq: 21 Nov 2015 21:41

Tgt Ion:228 Resp: 215596

Ion	Ratio	Lower	Upper
228	100		
226	30.7	21.2	31.8
229	20.6	17.0	25.6



Instrument :
BNA_M
ClientSampleId :
A4J60MS

Manual Integrations APPROVED
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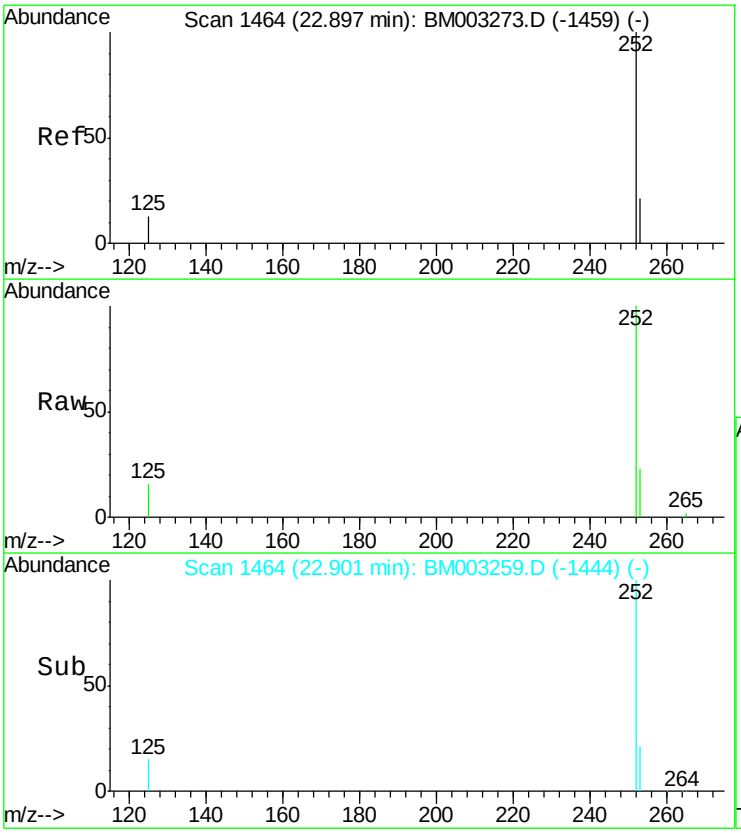
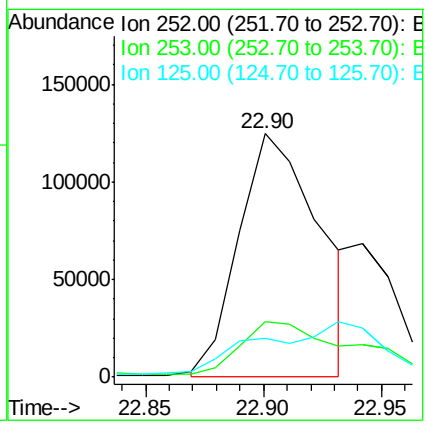
11/23/2015 7:04:20 PM

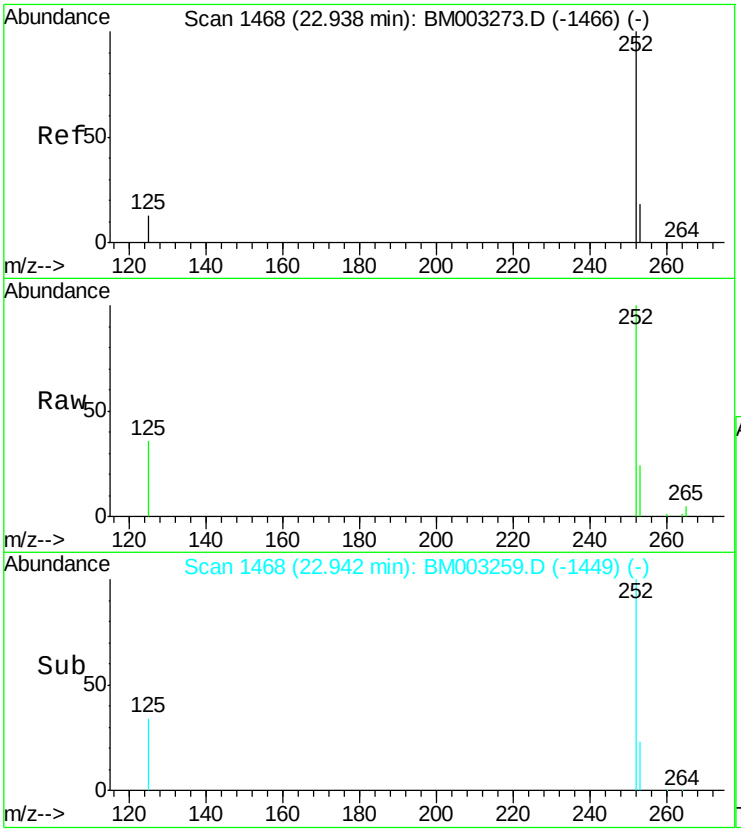


#23
Benzo(b)fluoranthene
Concen: 1.37 ng/ul m
RT: 22.90 min Scan# 1464
Delta R.T. 0.00 min
Lab File: BM003259.D
Acq: 21 Nov 2015 21:41

Tgt Ion:252 Resp: 297263

Ion	Ratio	Lower	Upper
252	100		
253	22.6	0.0	45.4
125	16.2	0.0	28.8





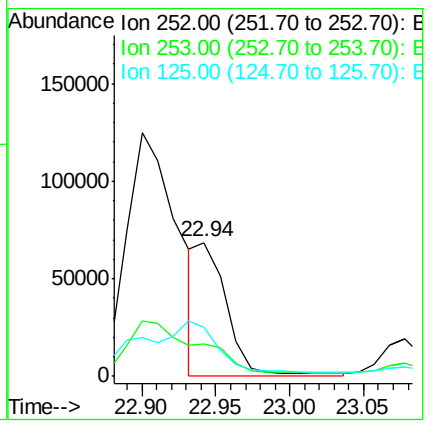
#24
Benzo(k)fluoranthene
Concen: 0.46 ng/ul m
RT: 22.94 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BM003259.D
Acq: 21 Nov 2015 21:41

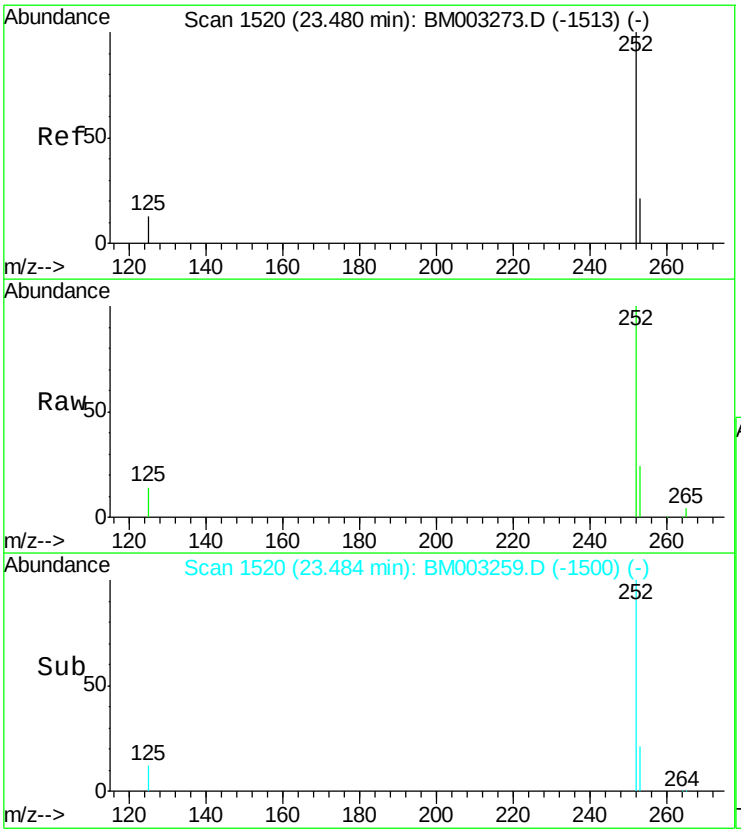
Tgt Ion:252 Resp: 94361

Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.8	29.8
125	36.2	10.4	15.6#

Instrument :
BNA_M
ClientSampleId :
A4J60MS

Manual Integrations APPROVED
Mmdadoda
11/23/2015 7:04:20 PM

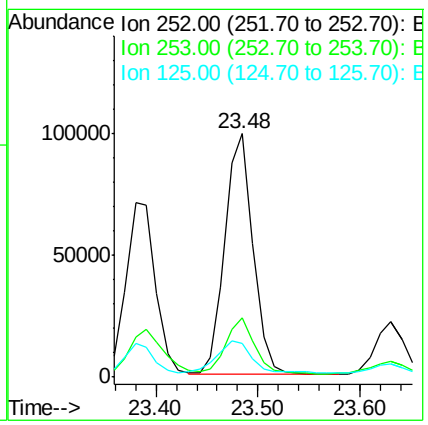


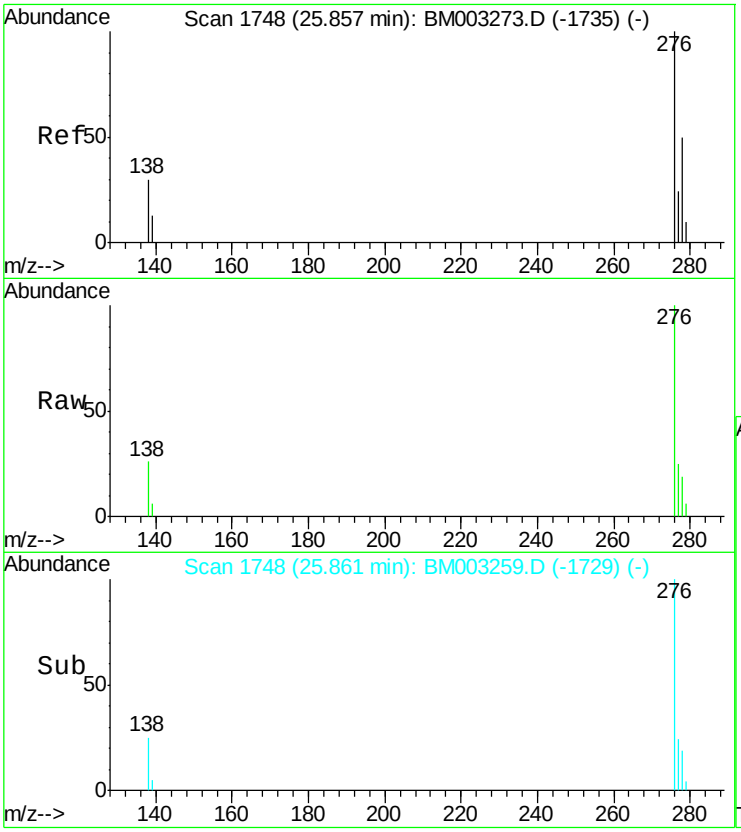


#25
Benzo(a)pyrene
Concen: 0.98 ng/ul
RT: 23.48 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BM003259.D
Acq: 21 Nov 2015 21:41

Tgt Ion:252 Resp: 189148

Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.4	29.2
125	13.8	12.7	19.1

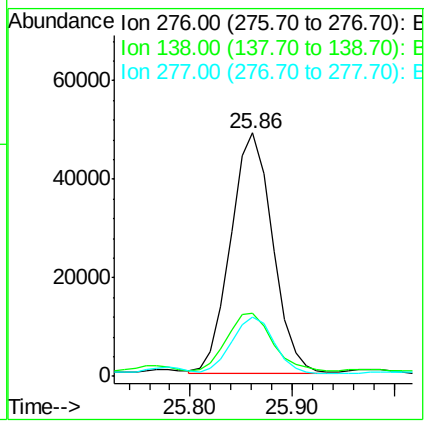




#26
Indeno(1,2,3-cd)pyrene
Concen: 0.61 ng/ul
RT: 25.86 min Scan# 1748
Delta R.T. -0.01 min
Lab File: BM003259.D
Acq: 21 Nov 2015 21:41

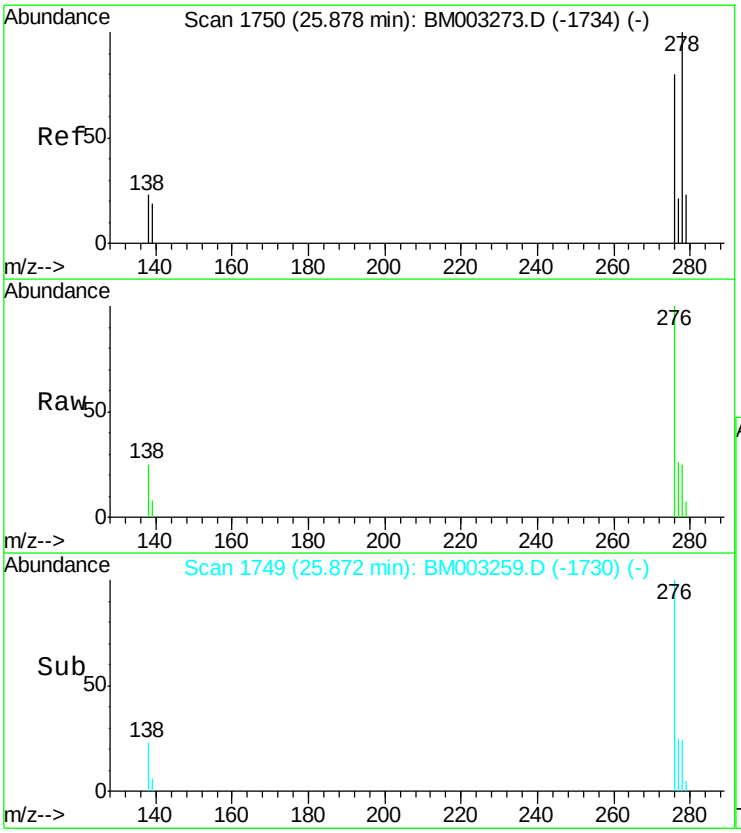
Tgt Ion:276 Resp: 139217

Ion	Ratio	Lower	Upper
276	100		
138	26.0	16.3	24.5#
277	23.9	19.8	29.8



Instrument :
BNA_M
ClientSampleId :
A4J60MS

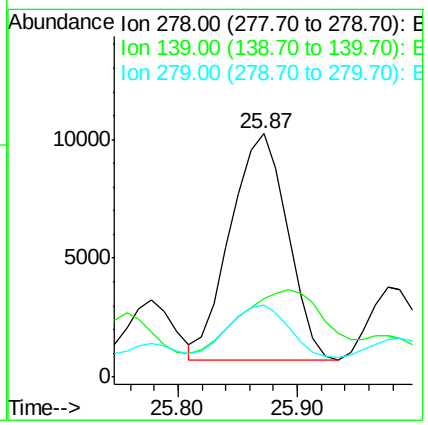
Manual Integrations APPROVED
Mmdadoda
11/23/2015 7:04:20 PM

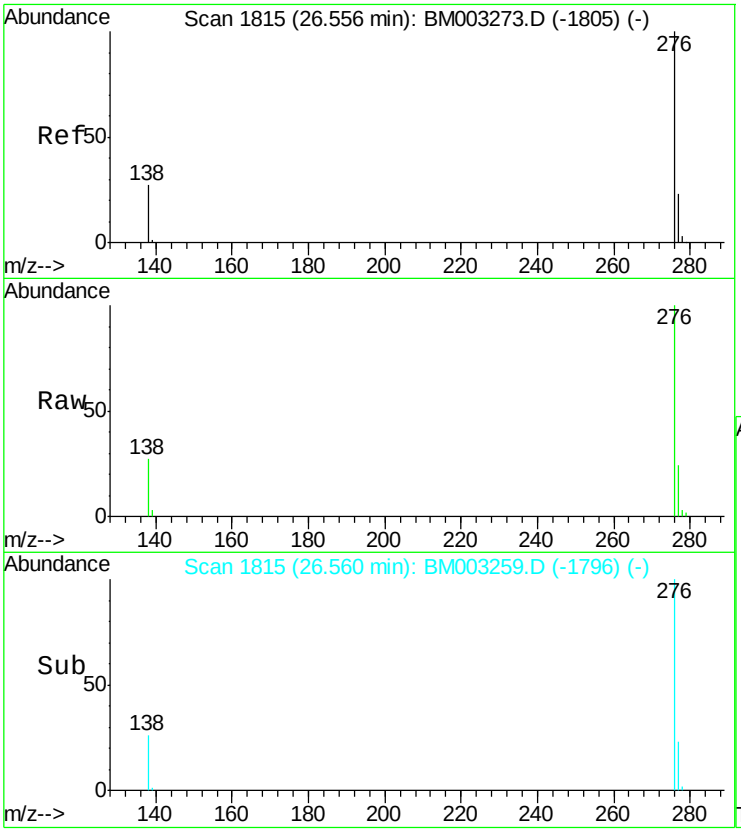


#27
Dibenzo(a,h)anthracene
Concen: 0.17 ng/ul
RT: 25.87 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BM003259.D
Acq: 21 Nov 2015 21:41

Tgt Ion:278 Resp: 31600

Ion	Ratio	Lower	Upper
278	100		
139	32.2	16.4	24.6#
279	29.5	20.2	30.2

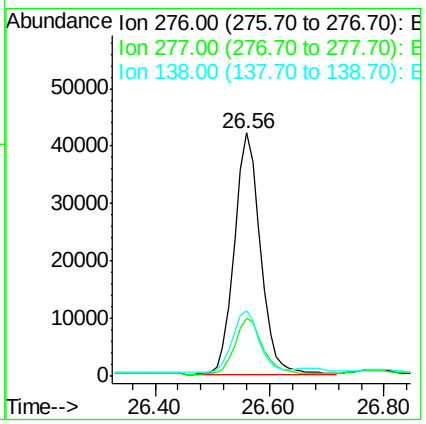




#28
Benzo(g,h,i)perylene
Concen: 0.66 ng/ul
RT: 26.56 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BM003259.D
Acq: 21 Nov 2015 21:41

Tgt Ion:276 Resp: 132504

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.9	28.3
138	27.1	22.5	33.7



Instrument :
BNA_M
ClientSampleId :
A4J60MS

Manual Integrations APPROVED
Mmdadoda
11/23/2015 7:04:20 PM