Quantitation Report (QT Reviewed)

Data Path : V:\HPCHEM1\BNA M\DATA\BM112115\
Data File : BM003274.D
Acq On : 22 Nov 2015 10:19
Operator : UM/IZ
Sample : G4345-09DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4J51DL

Manual Integrations APPROVED
Mmdadoda
11/23/2015 7:04:45 PM

Quant Time: Nov 23 01:12:09 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 : Mon Nov 23 01:07:06 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	10796	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	42100	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.38	164	21938	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.12	188	47246	0.40	ng/ul	0.00
18) Chrysene-d12	21.33	240	49571	0.40	ng/ul	0.01
22) Perylene-d12	23.60	264	48085	0.40	ng/ul	0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.20	96	29014	2.52	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.12	152	5548	0.10	ng/ul	0.00
16) Fluoranthene-d10	19.17	212	7614	0.07	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.57	128	11468	0.11	ng/ul#	94
7) 2-Methylnaphthalene	12.19	142	1618	0.02	ng/ul#	100
9) Acenaphthylene	14.09	152	22115	0.24	ng/ul	98
10) Acenaphthene	14.45	153	1751	0.02	ng/ul#	91
11) Fluorene	15.44	166	3992	0.05	ng/ul#	84
13) Pentachlorophenol	16.78	266	1437	0.13	ng/ul	96
14) Phenanthrene	17.17	178	58079	0.42	ng/ul	99
15) Anthracene	17.26	178	20163	0.18	ng/ul	97
17) Fluoranthene	19.19	202	153493	1.01	ng/ul	94
19) Pyrene	19.57	202	144275	0.85	ng/ul	92
20) Benzo(a)anthracene	21.31	228	87541	0.61	ng/ul#	91
21) Chrysene	21.36	228	83740	0.52	ng/ul	95
23) Benzo(b)fluoranthene	22.91	252	108906m	0.60	ng/ul	
24) Benzo(k)fluoranthene	22.95	252	39931m	0.23	ng/ul	
25) Benzo(a)pyrene	23.49	252	81204	0.50	ng/ul	100
26) Indeno(1,2,3-cd)pyrene	25.87	276	48745	0.25	ng/ul#	94
27) Dibenzo(a,h)anthracene	25.89	278	12437	0.08	ng/ul#	77
28) Benzo(g,h,i)perylene	26.58	276	45745	0.27	ng/ul	98

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

Quantitation Report (QT Reviewed)

Data Path : V:\HPCHEM1\BNA M\DATA\BM112115\
Data File : BM003274.D
Acq On : 22 Nov 2015 10:19
Operator : UM/IZ
Sample : G4345-09DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 23 01:12:09 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 : Mon Nov 23 01:07:06 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4J51DL

Manual Integrations APPROVED
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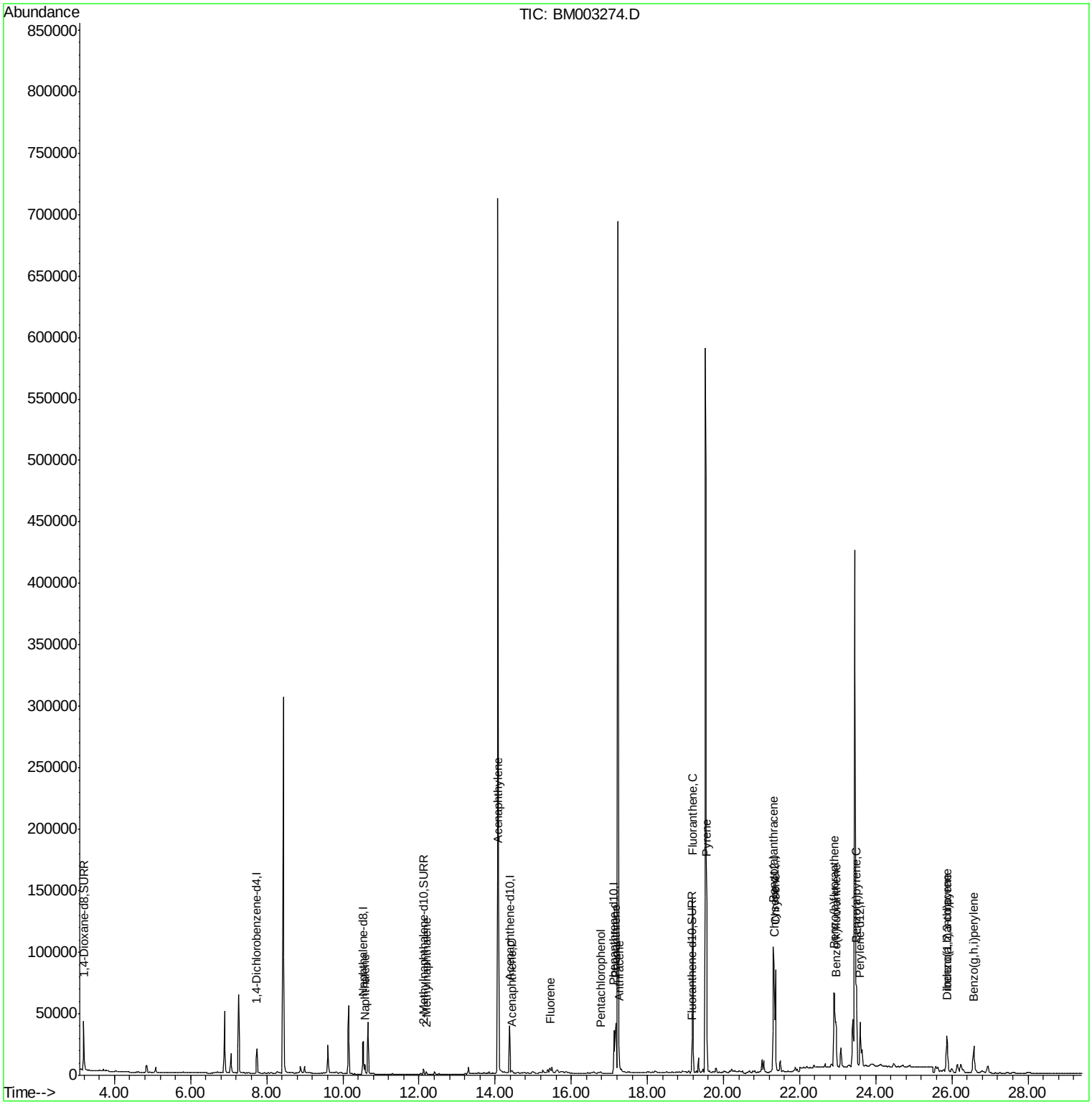

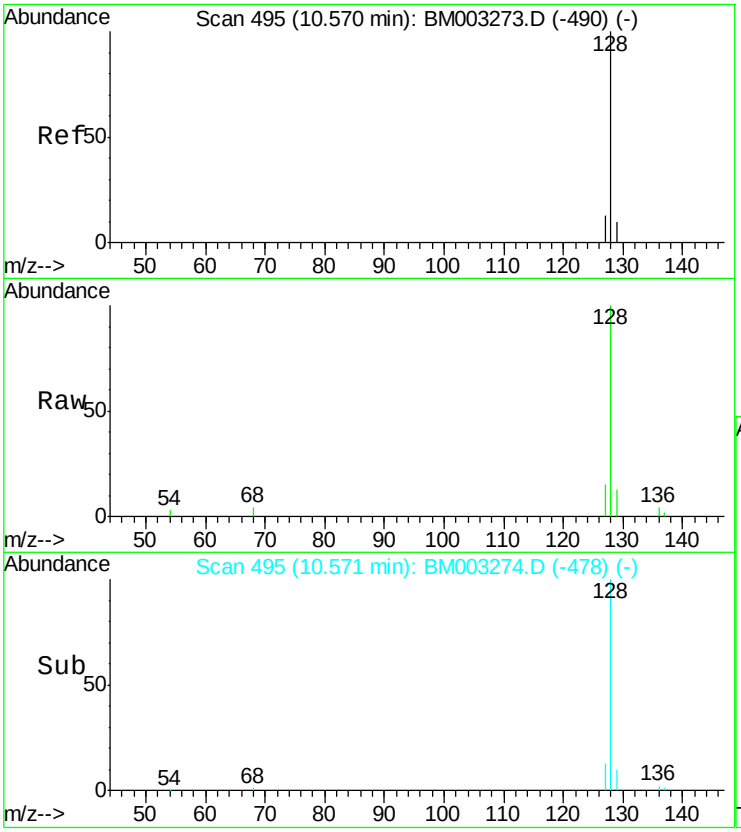

#5
Naphthalene
Concen: 0.11 ng/ul
RT: 10.57 min Scan# 495
Delta R.T. 0.00 min
Lab File: BM003274.D
Acq: 22 Nov 2015 10:19

Tgt Ion:128 Resp: 11468

Ion	Ratio	Lower	Upper
128	100		
129	12.8	9.0	13.6
127	14.8	9.6	14.4#

Instrument :
BNA_M
ClientSampleId :
A4J51DL

Manual Integrations APPROVED
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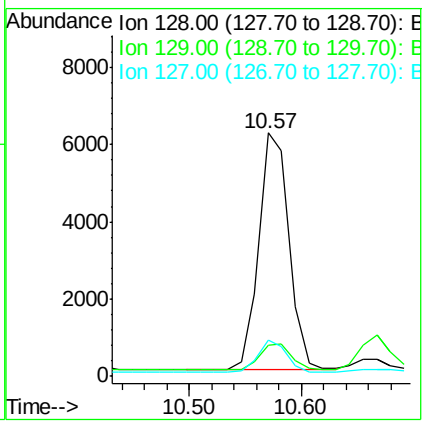
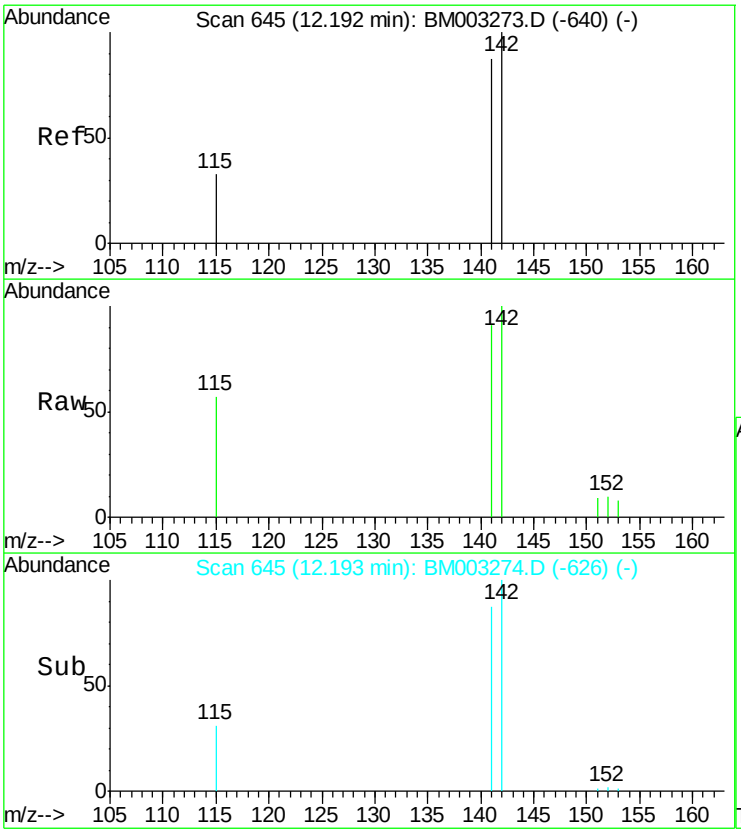
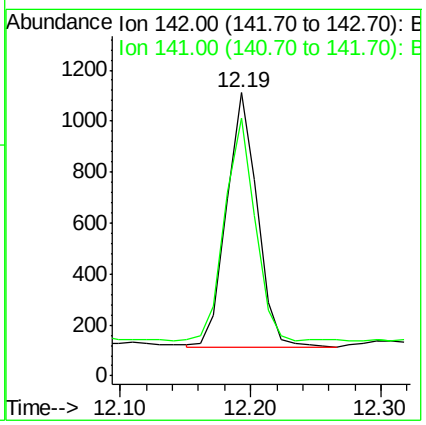


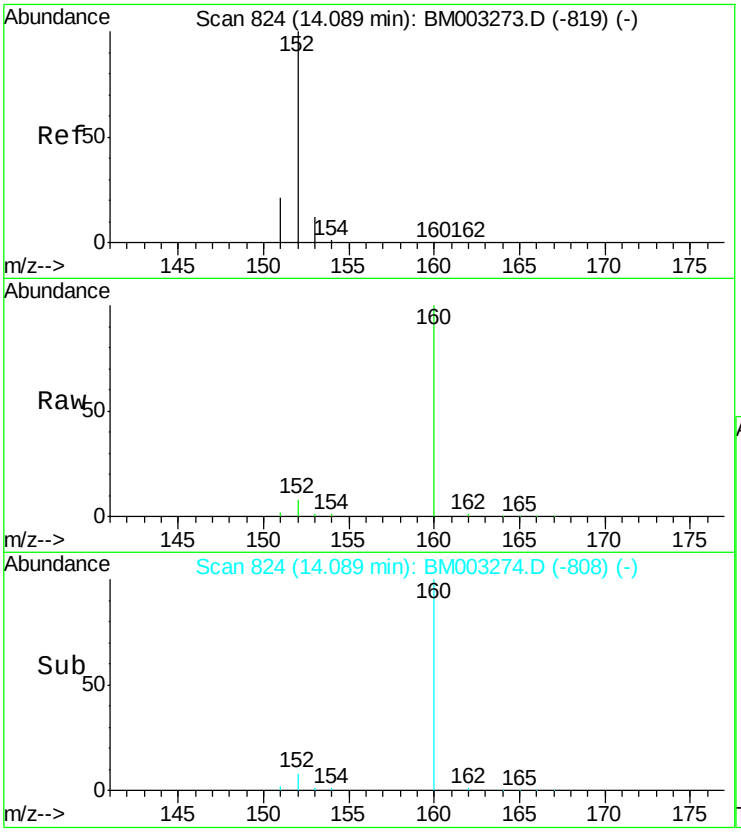


#7
2-Methylnaphthalene
Concen: 0.02 ng/ul
RT: 12.19 min Scan# 645
Delta R.T. 0.00 min
Lab File: BM003274.D
Acq: 22 Nov 2015 10:19

Tgt Ion:142 Resp: 1618

Ion	Ratio	Lower	Upper
142	100		
141	87.3	0.0	0.0#

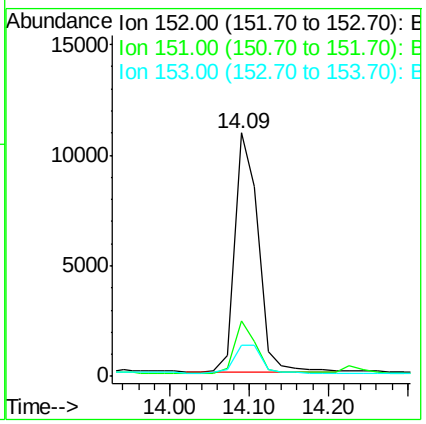




#9
Acenaphthylene
Concen: 0.24 ng/ul
RT: 14.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BM003274.D
Acq: 22 Nov 2015 10:19

Tgt Ion:152 Resp: 22115

Ion	Ratio	Lower	Upper
152	100		
151	22.7	17.6	26.4
153	13.0	9.7	14.5



Instrument :
BNA_M
ClientSampleId :
A4J51DL

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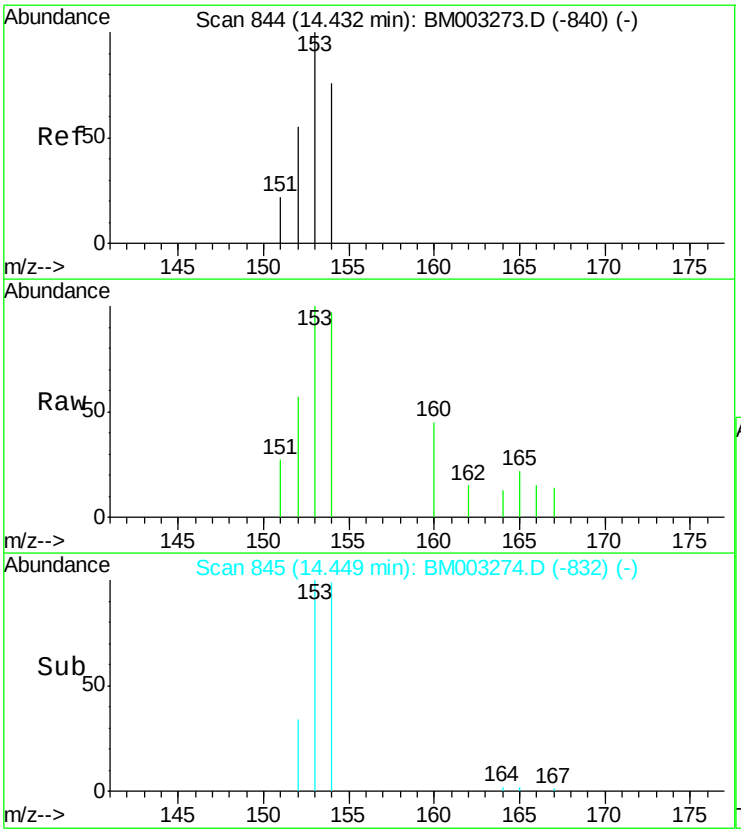
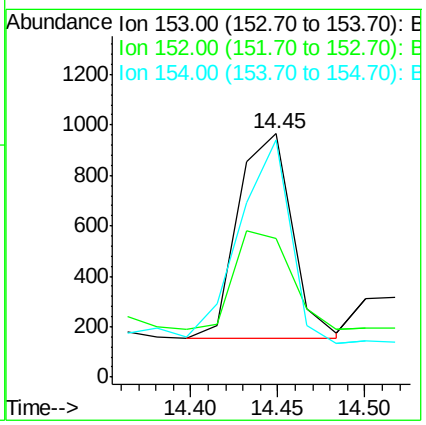
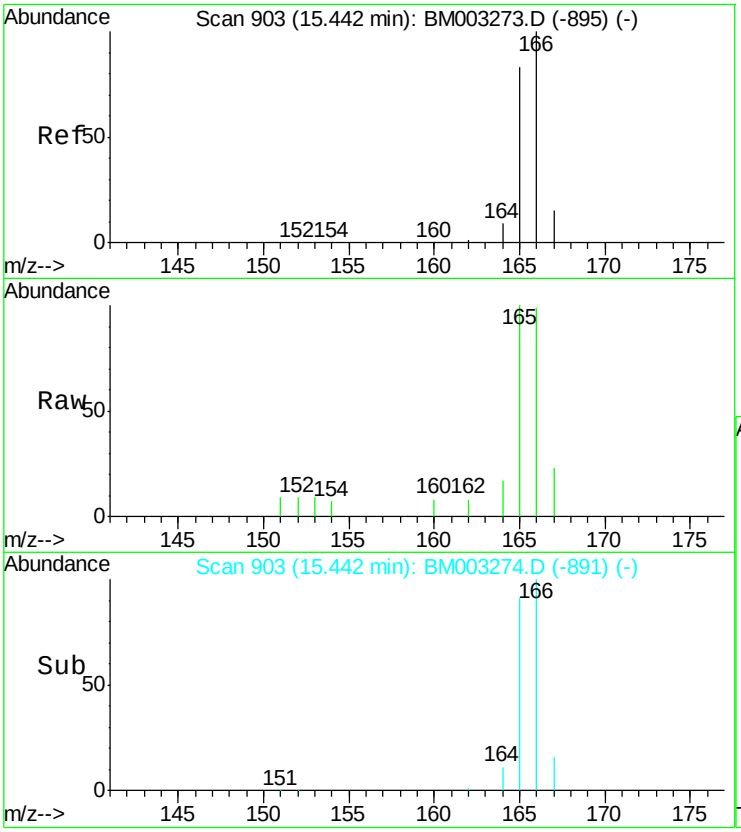


#10
Acenaphthene
Concen: 0.02 ng/ul
RT: 14.45 min Scan# 845
Delta R.T. 0.02 min
Lab File: BM003274.D
Acq: 22 Nov 2015 10:19

Tgt Ion:153 Resp: 1751

Ion	Ratio	Lower	Upper
153	100		
152	56.8	33.9	50.9#
154	97.3	80.6	121.0

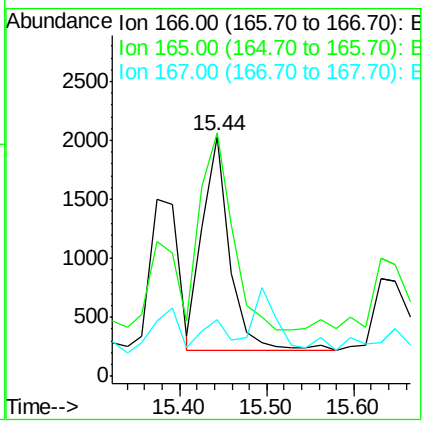




#11
Fluorene
Concen: 0.05 ng/ul
RT: 15.44 min Scan# 903
Delta R.T. 0.00 min
Lab File: BM003274.D
Acq: 22 Nov 2015 10:19

Tgt Ion:166 Resp: 3992

Ion	Ratio	Lower	Upper
166	100		
165	101.3	69.6	104.4
167	23.5	11.9	17.9#



Instrument :
BNA_M
ClientSampleId :
A4J51DL

Manual Integrations APPROVED
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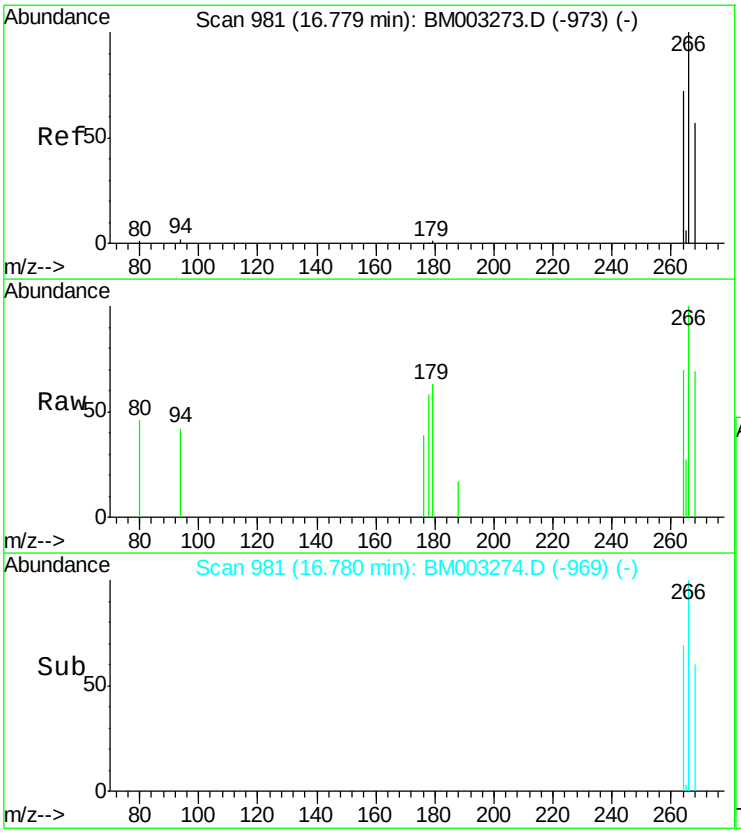
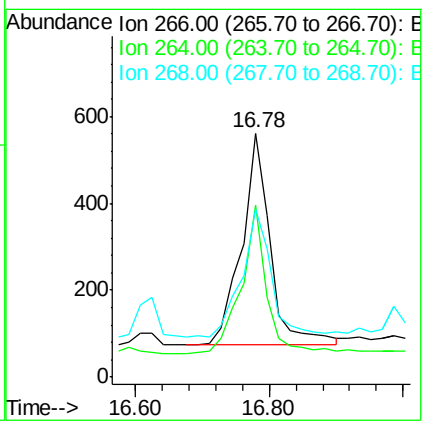
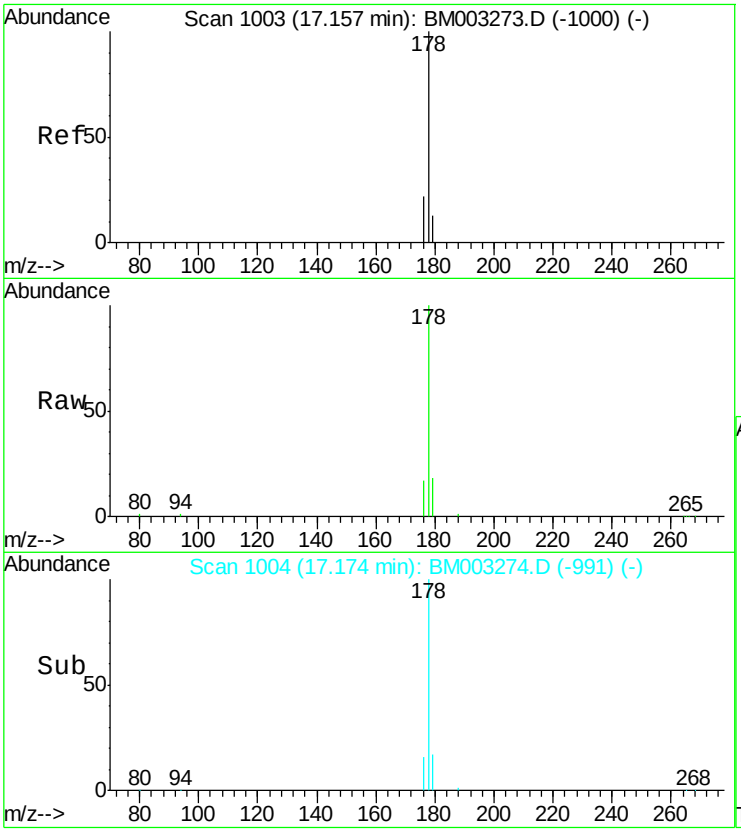


#13
Pentachlorophenol
Concen: 0.13 ng/ul
RT: 16.78 min Scan# 981
Delta R.T. 0.00 min
Lab File: BM003274.D
Acq: 22 Nov 2015 10:19

Tgt Ion:266 Resp: 1437

Ion	Ratio	Lower	Upper
266	100		
264	61.9	51.8	77.8
268	62.0	46.8	70.2

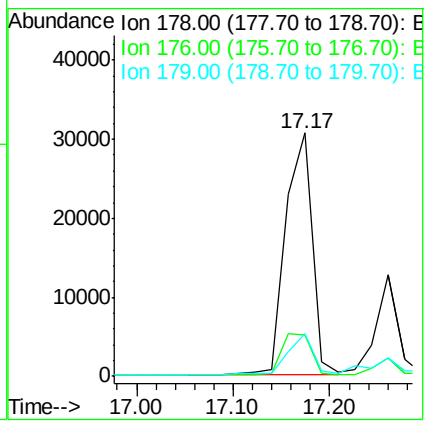




#14
Phenanthrene
Concen: 0.42 ng/ul
RT: 17.17 min Scan# 1004
Delta R.T. 0.02 min
Lab File: BM003274.D
Acq: 22 Nov 2015 10:19

Tgt Ion:178 Resp: 58079

Ion	Ratio	Lower	Upper
178	100		
176	16.8	13.0	19.4
179	17.7	14.2	21.2



Instrument :
BNA_M
ClientSampleId :
A4J51DL

Manual Integrations APPROVED
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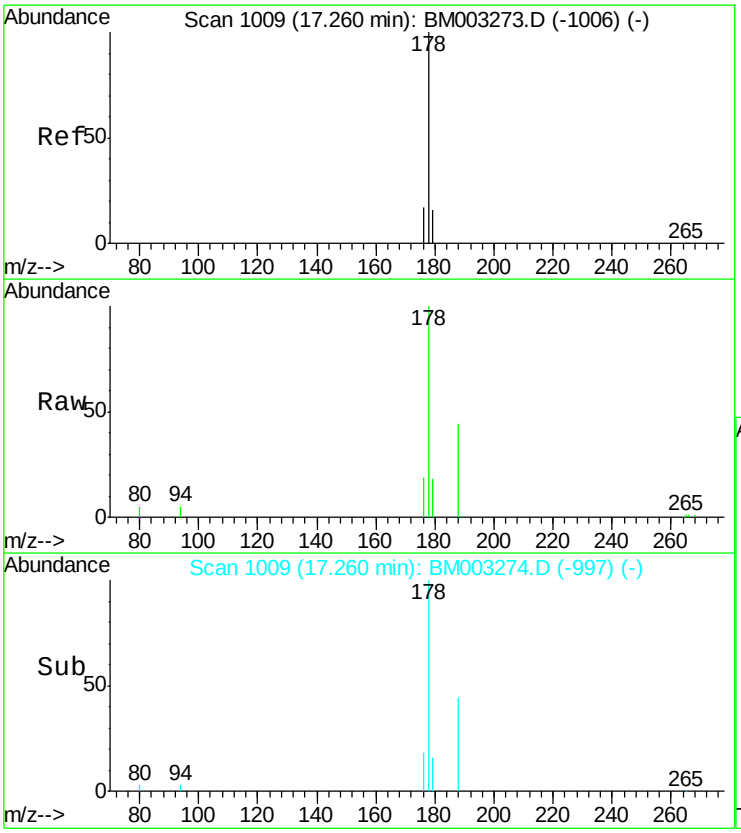
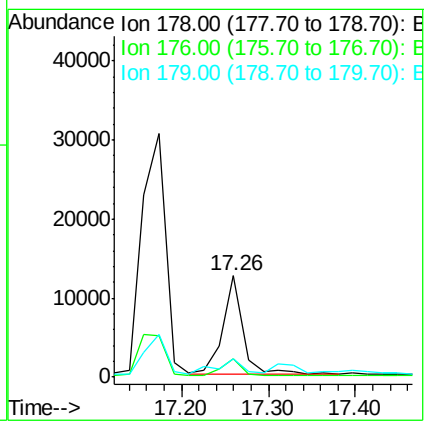
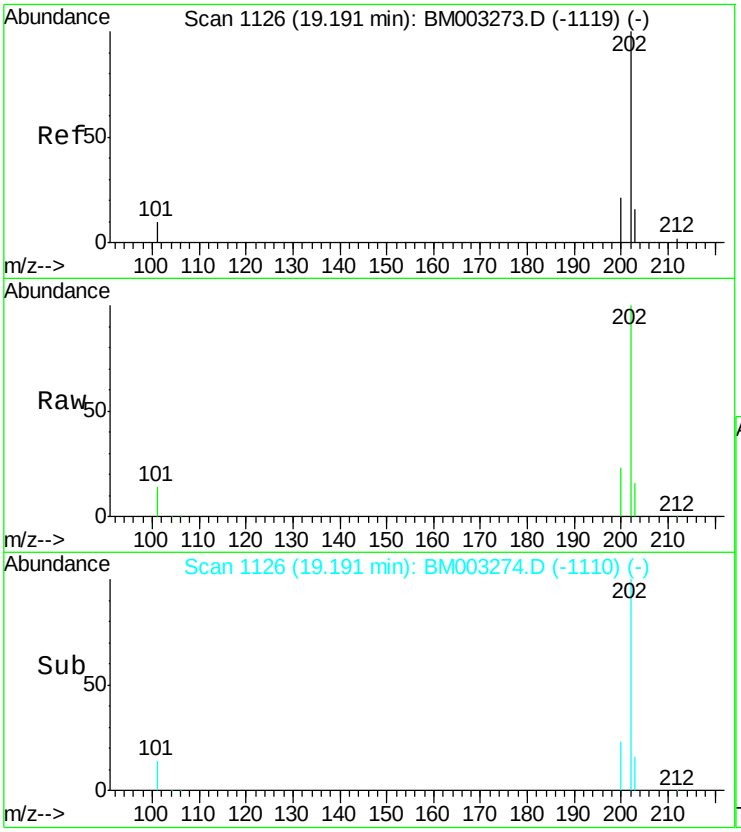


#15
Anthracene
Concen: 0.18 ng/ul
RT: 17.26 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BM003274.D
Acq: 22 Nov 2015 10:19

Tgt Ion:178 Resp: 20163

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.0	21.0
179	17.7	12.9	19.3

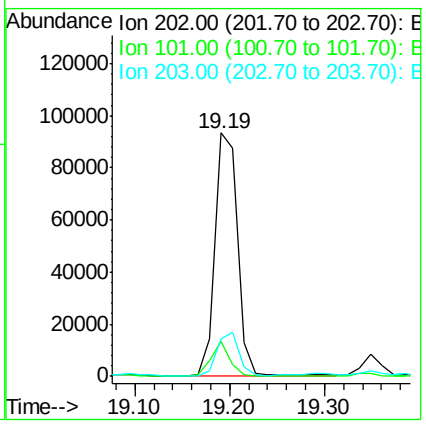




#17
Fluoranthene
Concen: 1.01 ng/ul
RT: 19.19 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BM003274.D
Acq: 22 Nov 2015 10:19

Tgt Ion:202 Resp: 153493

Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	29.6
203	15.6	0.0	36.3



Instrument :
BNA_M
ClientSampleId :
A4J51DL

Manual Integrations APPROVED
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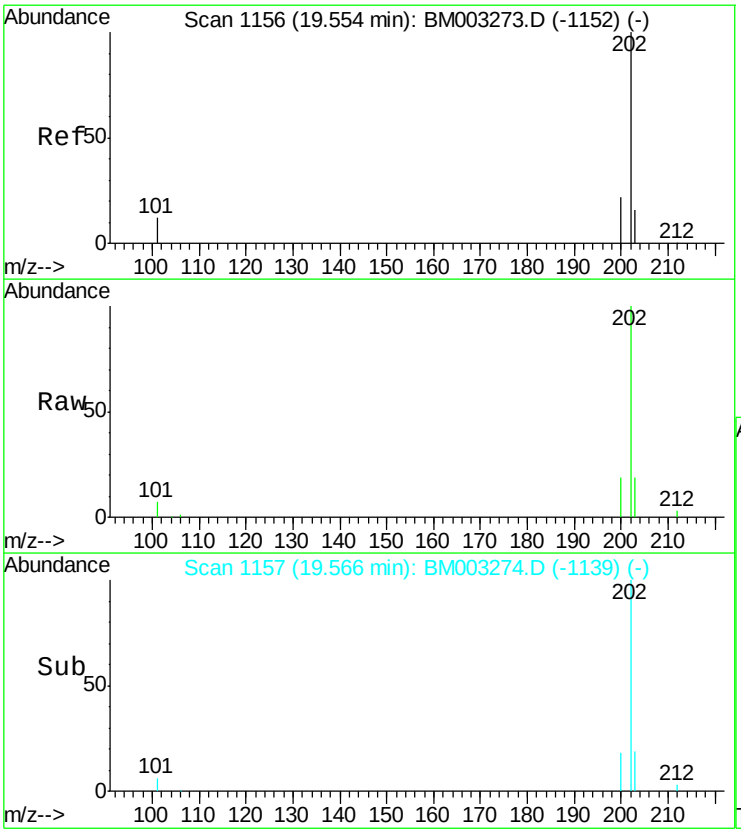
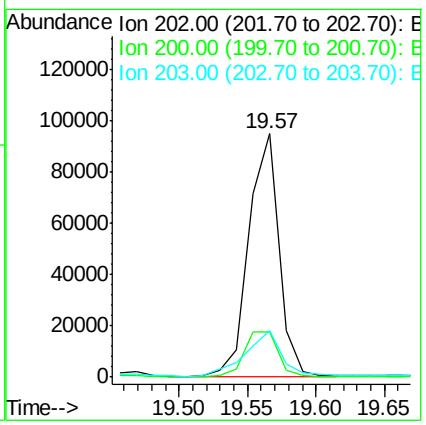
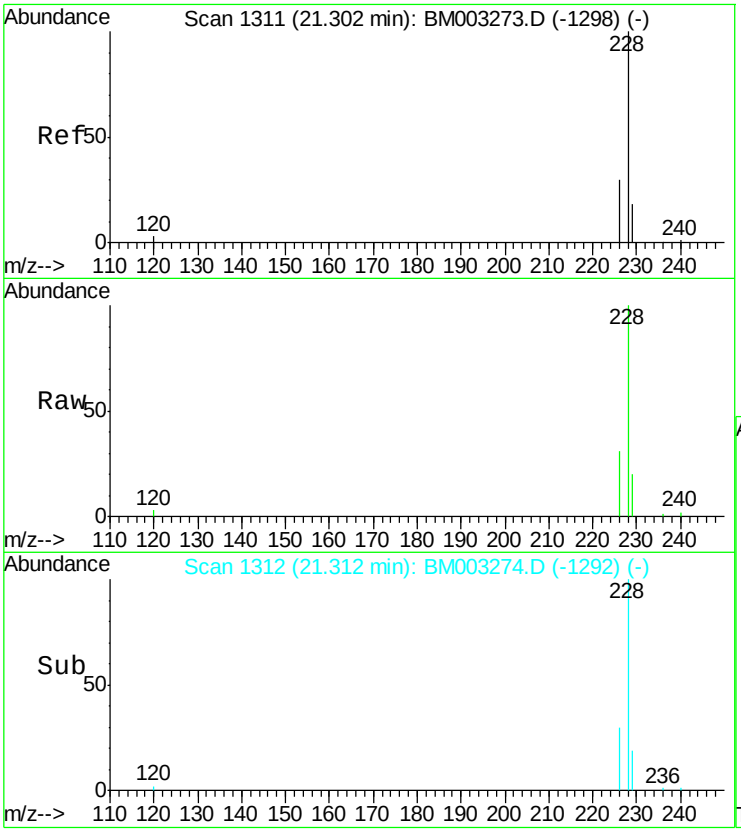


#19
Pyrene
Concen: 0.85 ng/ul
RT: 19.57 min Scan# 1157
Delta R.T. 0.01 min
Lab File: BM003274.D
Acq: 22 Nov 2015 10:19

Tgt Ion:202 Resp: 144275

Ion	Ratio	Lower	Upper
202	100		
200	18.5	17.8	26.8
203	19.0	12.8	19.2

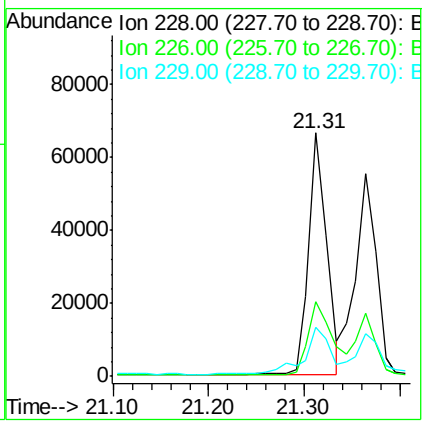




#20
Benzo(a)anthracene
Concen: 0.61 ng/ul
RT: 21.31 min Scan# 1312
Delta R.T. 0.01 min
Lab File: BM003274.D
Acq: 22 Nov 2015 10:19

Tgt Ion:228 Resp: 87541

Ion	Ratio	Lower	Upper
228	100		
226	30.7	18.8	28.2#
229	20.0	17.1	25.7



Instrument :
BNA_M
ClientSampleId :
A4J51DL

Manual Integrations APPROVED
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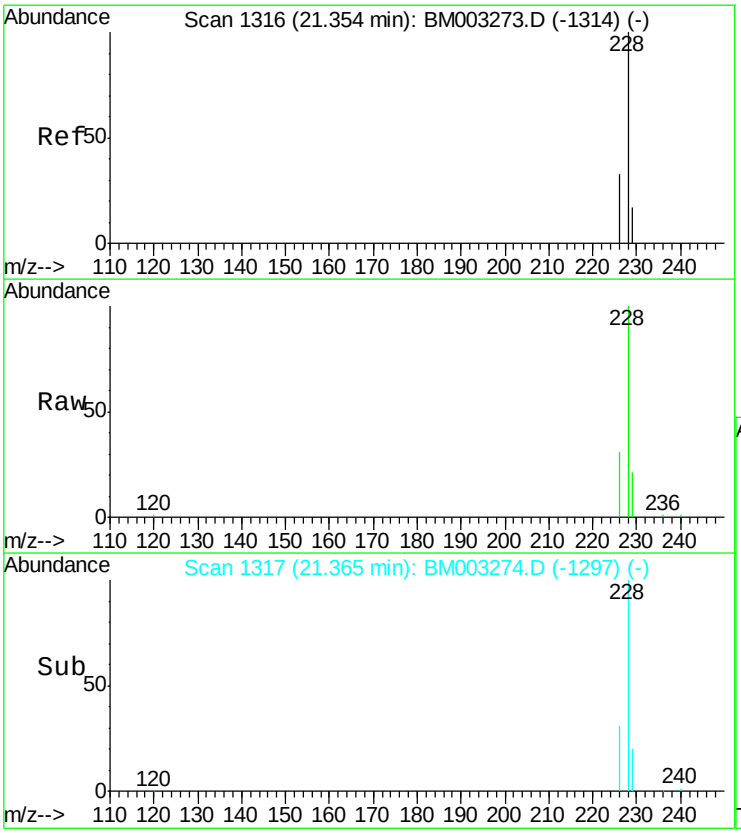
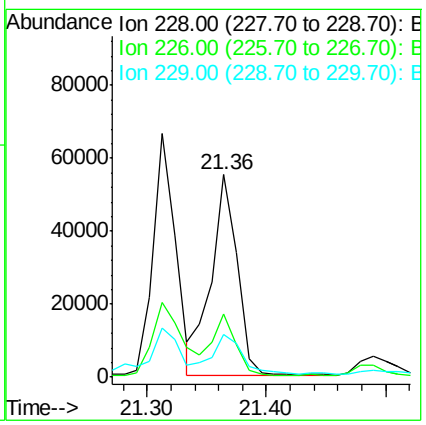
11/23/2015 7:04:45 PM

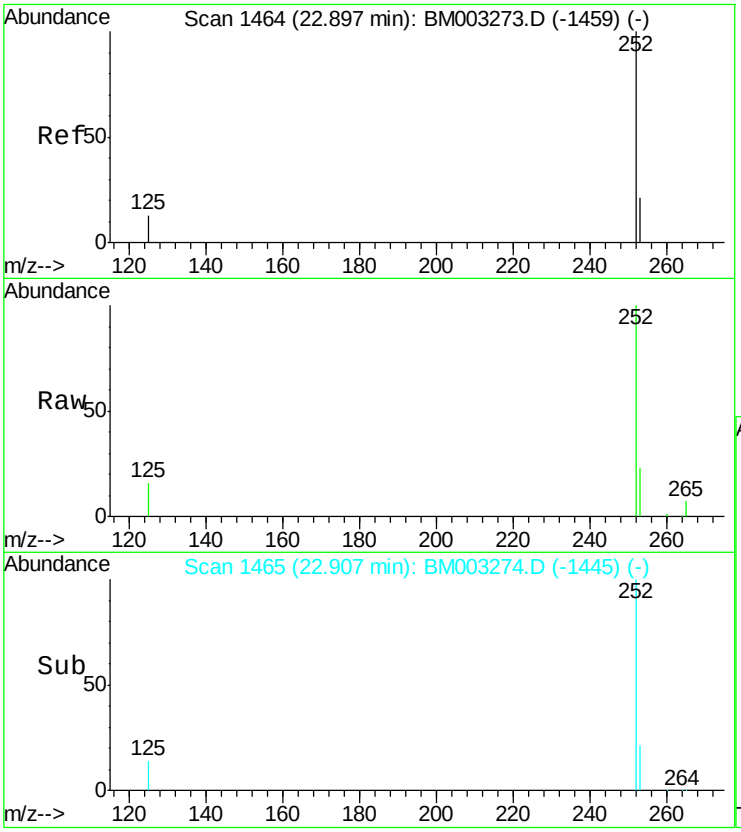


#21
Chrysene
Concen: 0.52 ng/ul
RT: 21.36 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BM003274.D
Acq: 22 Nov 2015 10:19

Tgt Ion:228 Resp: 83740

Ion	Ratio	Lower	Upper
228	100		
226	31.3	21.2	31.8
229	21.3	17.0	25.6





#23
Benzo(b)fluoranthene
Concen: 0.60 ng/ul m
RT: 22.91 min Scan# 1465
Delta R.T. 0.01 min
Lab File: BM003274.D
Acq: 22 Nov 2015 10:19

Tgt Ion:252 Resp: 108906

Ion	Ratio	Lower	Upper
252	100		
253	23.4	0.0	45.4
125	16.4	0.0	28.8

Instrument :
BNA_M
ClientSampleId :
A4J51DL

Manual Integrations APPROVED
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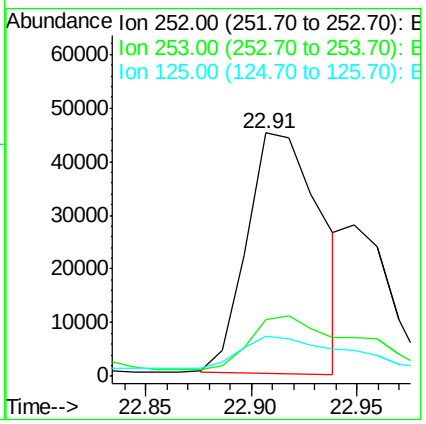
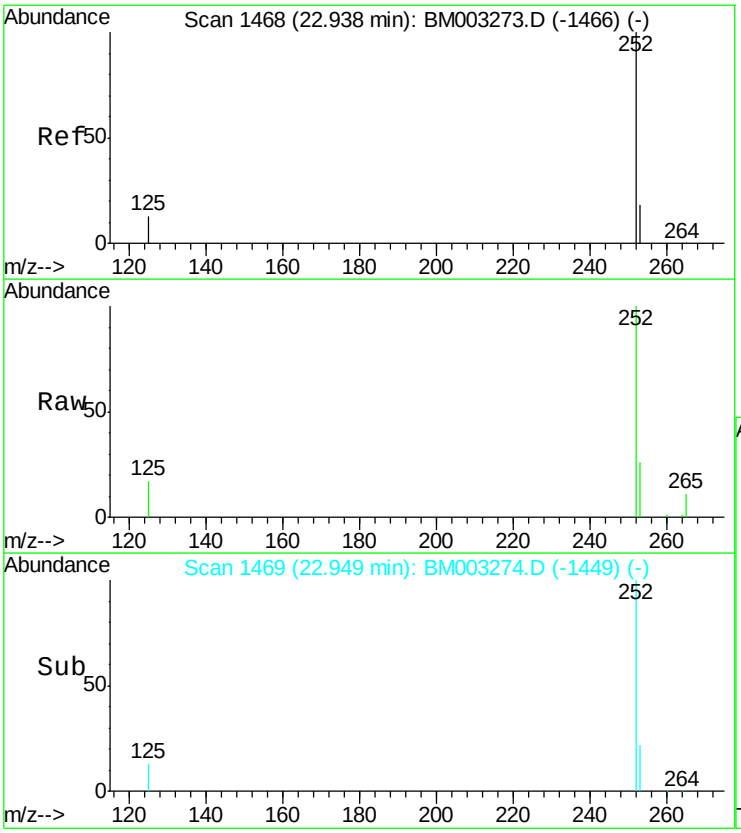
11/23/2015 7:04:45 PM

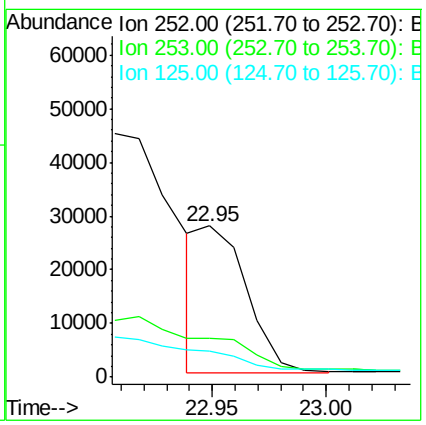


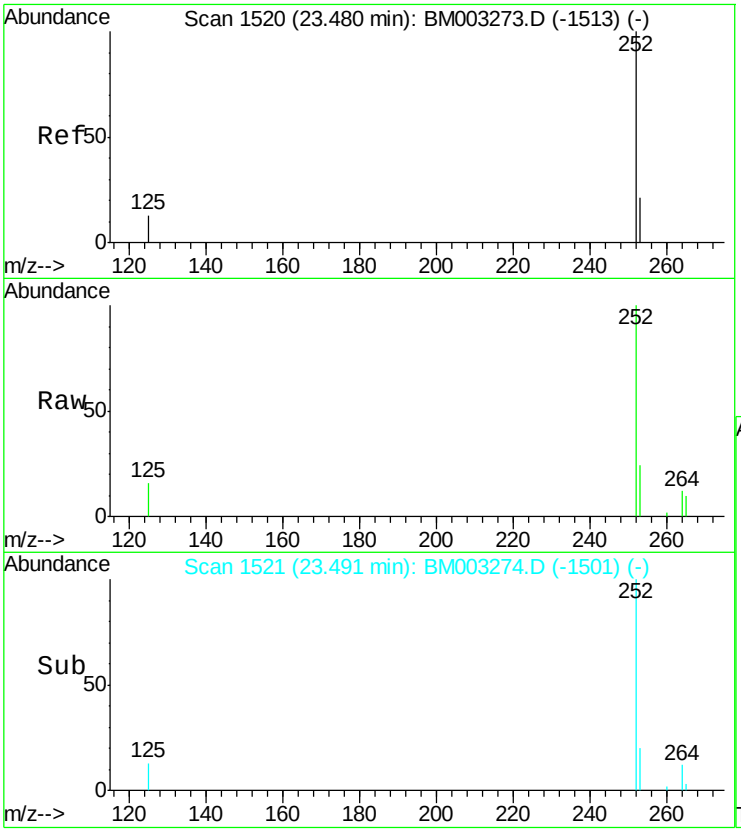


#24
Benzo(k)fluoranthene
Concen: 0.23 ng/ul m
RT: 22.95 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BM003274.D
Acq: 22 Nov 2015 10:19

Tgt Ion:252 Resp: 39931

Ion	Ratio	Lower	Upper
252	100		
253	26.0	19.8	29.8
125	17.4	10.4	15.6#

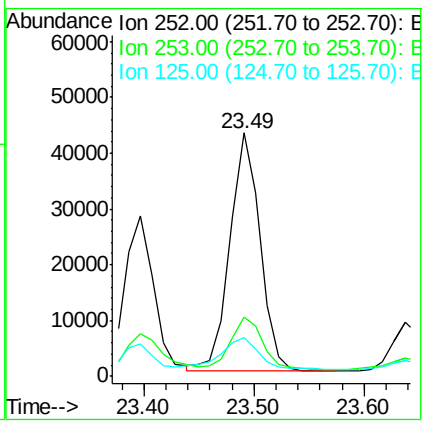




#25
Benzo(a)pyrene
Concen: 0.50 ng/ul
RT: 23.49 min Scan# 1521
Delta R.T. 0.01 min
Lab File: BM003274.D
Acq: 22 Nov 2015 10:19

Tgt Ion:252 Resp: 81204

Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.4	29.2
125	16.0	12.7	19.1



Instrument :
BNA_M
ClientSampleId :
A4J51DL

Manual Integrations APPROVED
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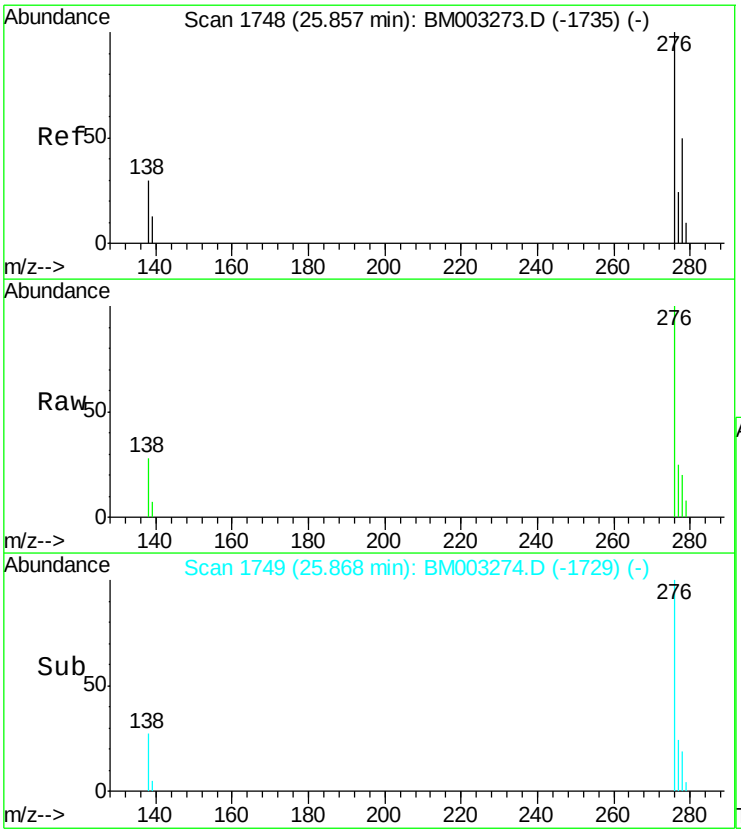
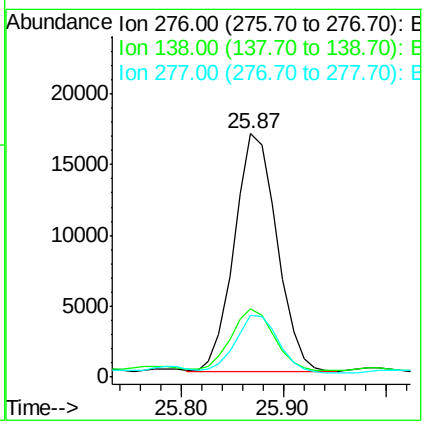
11/23/2015 7:04:45 PM

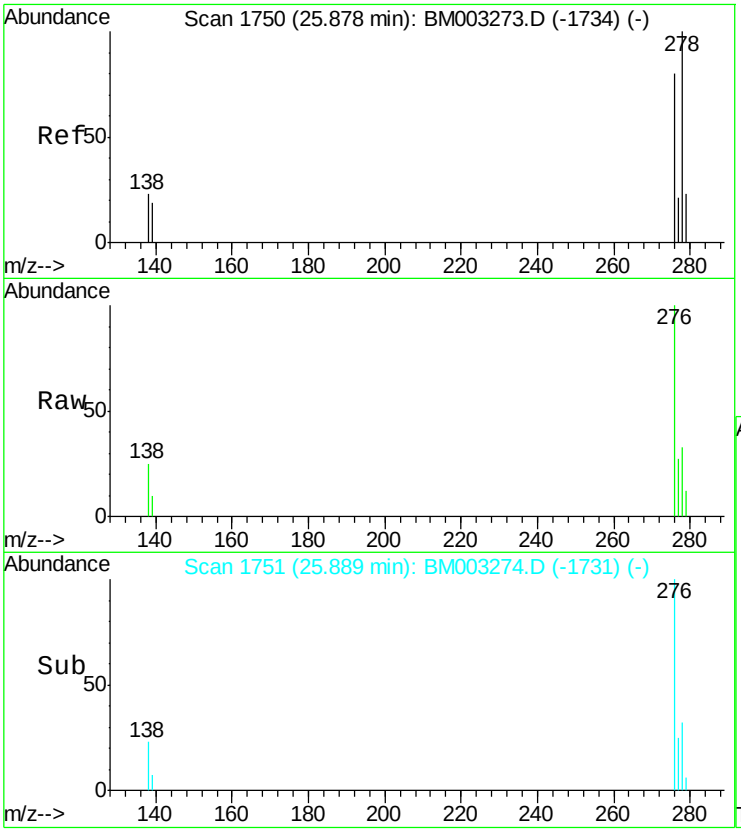


#26
Indeno(1,2,3-cd)pyrene
Concen: 0.25 ng/ul
RT: 25.87 min Scan# 1749
Delta R.T. 0.01 min
Lab File: BM003274.D
Acq: 22 Nov 2015 10:19

Tgt Ion:276 Resp: 48745

Ion	Ratio	Lower	Upper
276	100		
138	25.8	16.3	24.5#
277	24.6	19.8	29.8

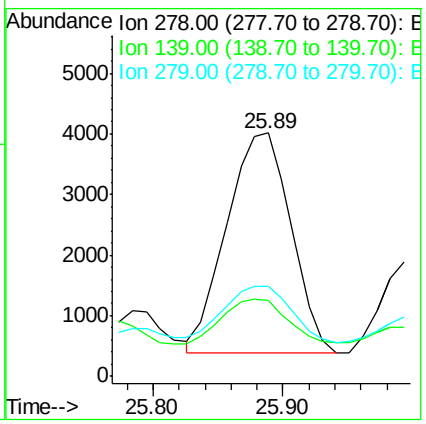




#27
Dibenzo(a,h)anthracene
Concen: 0.08 ng/ul
RT: 25.89 min Scan# 1751
Delta R.T. 0.01 min
Lab File: BM003274.D
Acq: 22 Nov 2015 10:19

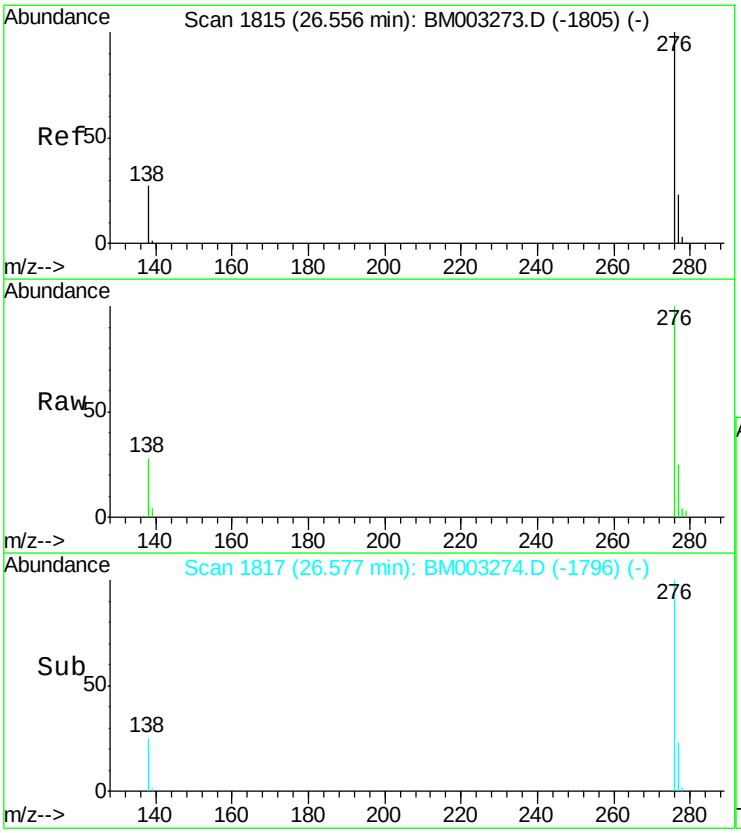
Tgt Ion:278 Resp: 12437

Ion	Ratio	Lower	Upper
278	100		
139	31.0	16.4	24.6#
279	36.8	20.2	30.2#



Instrument :
BNA_M
ClientSampleId :
A4J51DL

Manual Integrations APPROVED
Mmdadoda
11/23/2015 7:04:45 PM



#28
Benzo(g,h,i)perylene
Concen: 0.27 ng/ul
RT: 26.58 min Scan# 1817
Delta R.T. 0.02 min
Lab File: BM003274.D
Acq: 22 Nov 2015 10:19

Tgt Ion:276 Resp: 45745

Ion	Ratio	Lower	Upper
276	100		
277	25.0	18.9	28.3
138	27.7	22.5	33.7