Quantitation Report (QT Reviewed)

Data Path : V:\HPCHEM1\BNA M\DATA\BM112115\
Data File : BM003262.D
Acq On : 21 Nov 2015 23:29
Operator : UM/IZ
Sample : G4345-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4J48

Manual Integrations APPROVED
Mmdadoda
11/23/2015 7:04:27 PM

Quant Time: Nov 22 05:11:02 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	15008	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	59455	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.38	164	31093	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.12	188	63486	0.40	ng/ul	0.00
18) Chrysene-d12	21.32	240	63213	0.40	ng/ul	0.00
22) Perylene-d12	23.58	264	63147	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.20	96	33448	2.09	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.12	152	8658	0.11	ng/ul	0.00
16) Fluoranthene-d10	19.17	212	14969	0.10	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.57	128	26533	0.17	ng/ul	97
7) 2-Methylnaphthalene	12.19	142	9645	0.10	ng/ul#	100
9) Acenaphthylene	14.09	152	33684	0.26	ng/ul	98
10) Acenaphthene	14.43	153	39841	0.36	ng/ul#	77
11) Fluorene	15.44	166	42448m	0.36	ng/ul	
13) Pentachlorophenol	16.78	266	1233	0.08	ng/ul	95
14) Phenanthrene	17.16	178	767602m	4.17	ng/ul	
15) Anthracene	17.26	178	158920	1.03	ng/ul	99
17) Fluoranthene	19.19	202	1350137	6.61	ng/ul	99
19) Pyrene	19.55	202	1282707	5.92	ng/ul	99
20) Benzo(a)anthracene	21.30	228	651358	3.55	ng/ul#	90
21) Chrysene	21.35	228	595401m	2.88	ng/ul	
23) Benzo(b)fluoranthene	22.90	252	797047m	3.32	ng/ul	
24) Benzo(k)fluoranthene	22.94	252	274947m	1.21	ng/ul	
25) Benzo(a)pyrene	23.48	252	585600	2.74	ng/ul	95
26) Indeno(1,2,3-cd)pyrene	25.86	276	377566	1.48	ng/ul#	94
27) Dibenzo(a,h)anthracene	25.87	278	89513	0.44	ng/ul	96
28) Benzo(g,h,i)perylene	26.56	276	366043	1.64	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 : BM003262.D
Acq On : 21 Nov 2015 23:29
Operator : UM/IZ
Sample : G4345-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Nov 22 05:11:02 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 :
A4J48

Manual Integrations APPROVED
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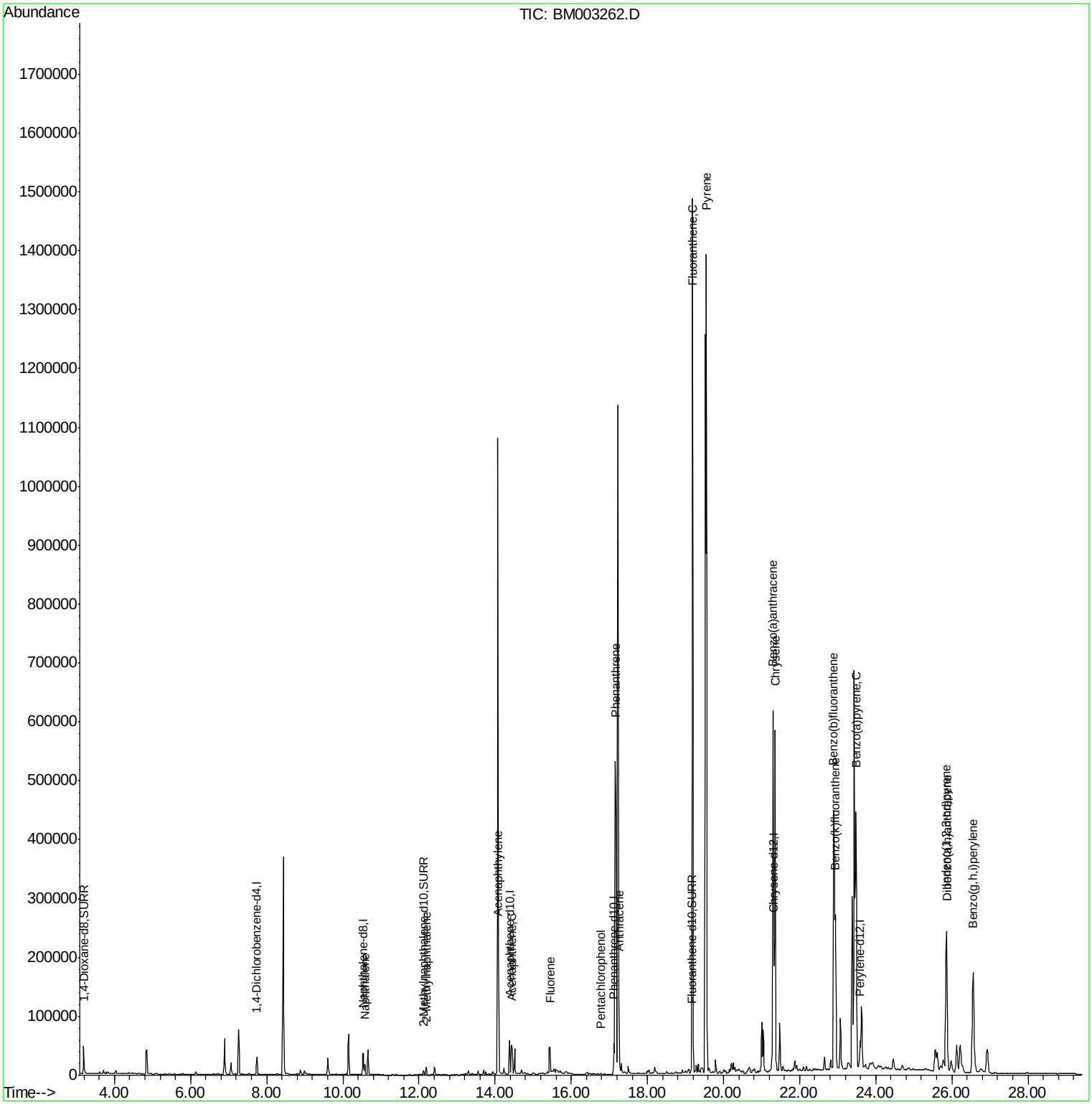
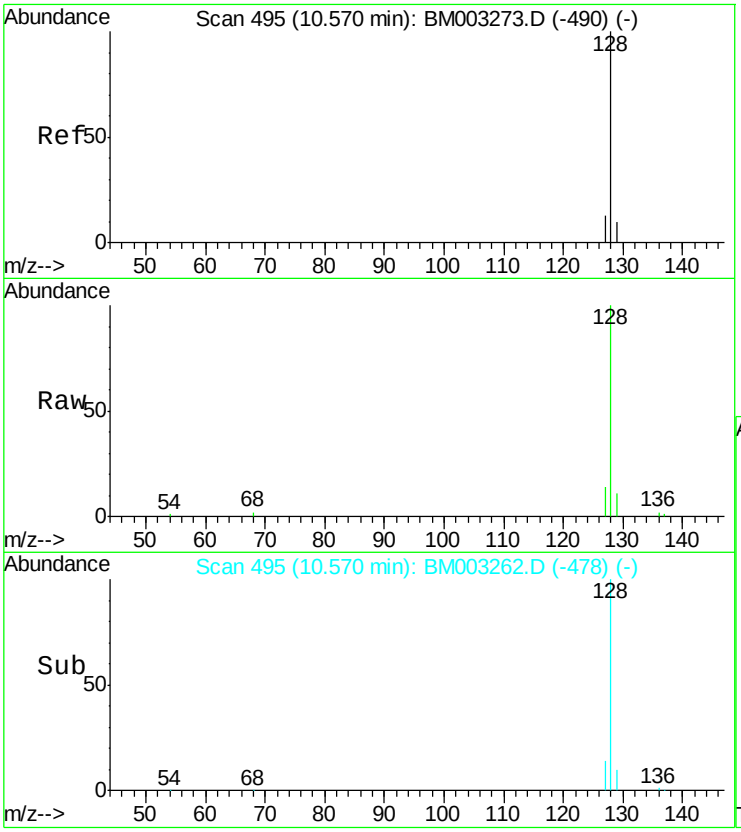
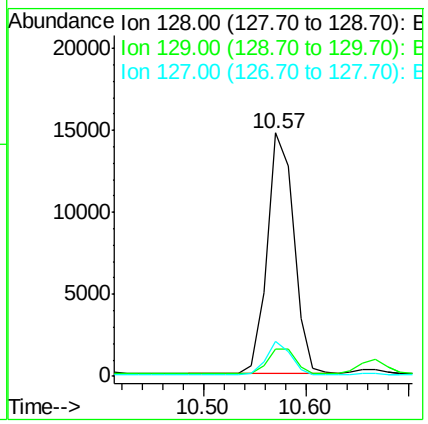




#5
Naphthalene
Concen: 0.17 ng/ul
RT: 10.57 min Scan# 495
Delta R.T. -0.00 min
Lab File: BM003262.D
Acq: 21 Nov 2015 23:29

Tgt Ion:128 Resp: 26533

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	14.1	9.6	14.4



Instrument :
BNA_M
ClientSampleId :
A4J48

Manual Integrations APPROVED
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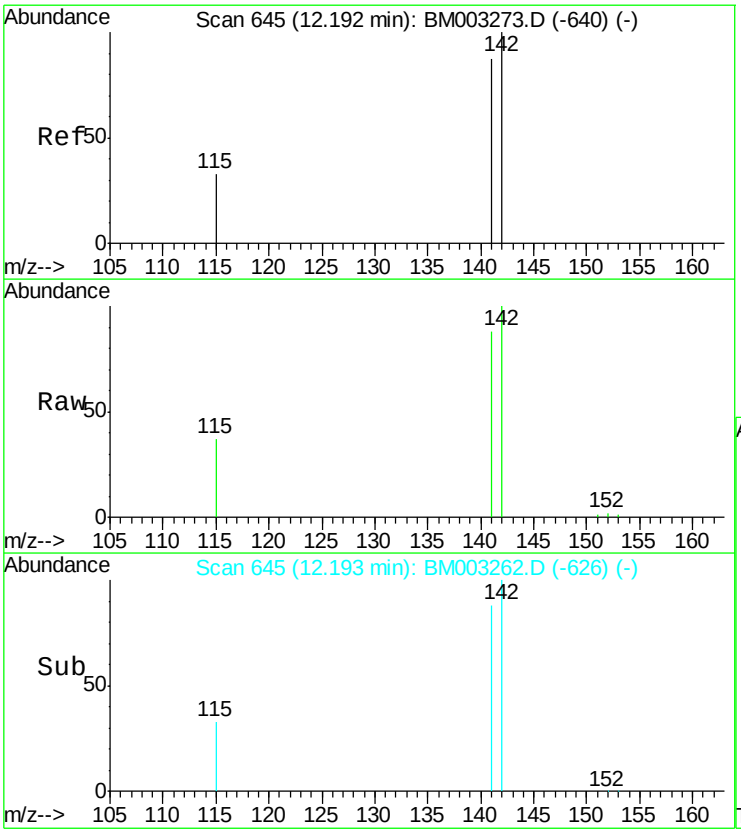
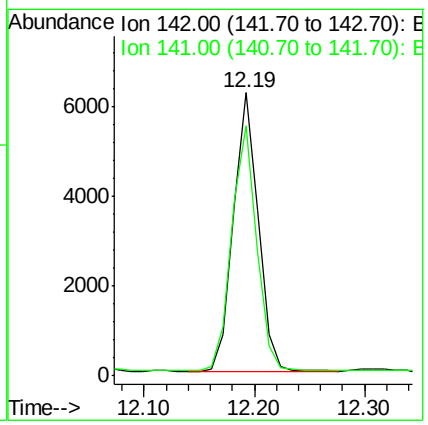
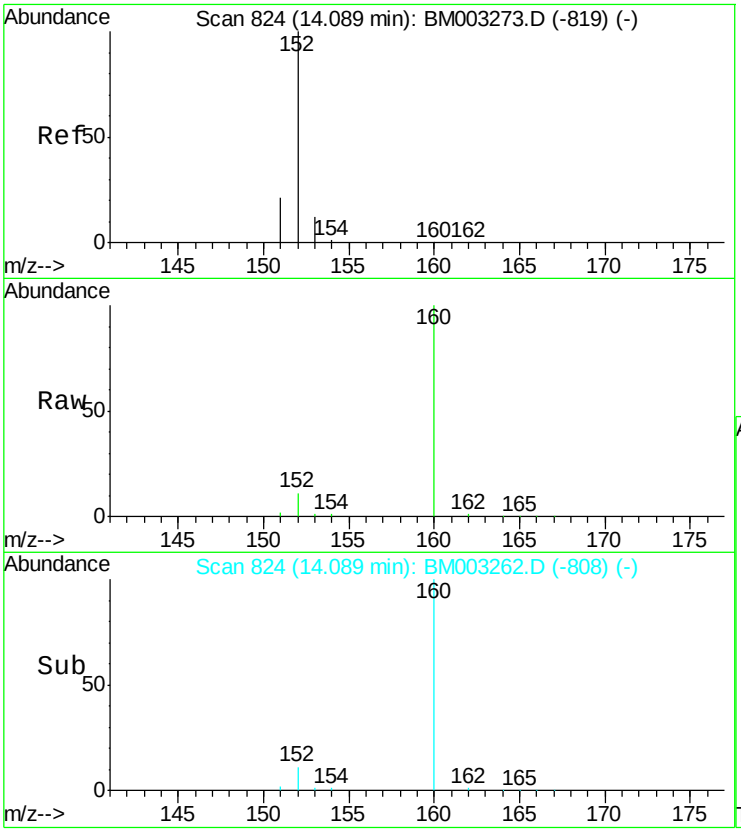


#7
2-Methylnaphthalene
Concen: 0.10 ng/ul
RT: 12.19 min Scan# 645
Delta R.T. -0.00 min
Lab File: BM003262.D
Acq: 21 Nov 2015 23:29

Tgt Ion:142 Resp: 9645

Ion	Ratio	Lower	Upper
142	100		
141	89.2	0.0	0.0#

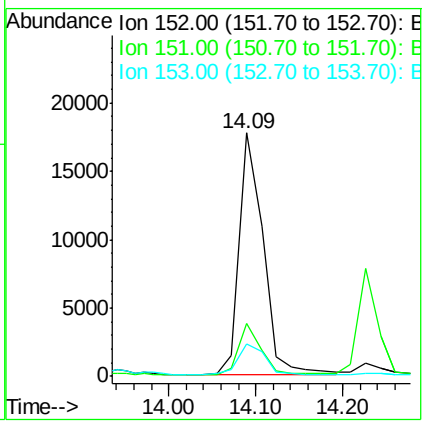




#9
Acenaphthylene
Concen: 0.26 ng/ul
RT: 14.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BM003262.D
Acq: 21 Nov 2015 23:29

Tgt Ion:152 Resp: 33684

Ion	Ratio	Lower	Upper
152	100		
151	21.6	17.6	26.4
153	13.4	9.7	14.5



Instrument :
BNA_M
ClientSampleId :
A4J48

Manual Integrations APPROVED
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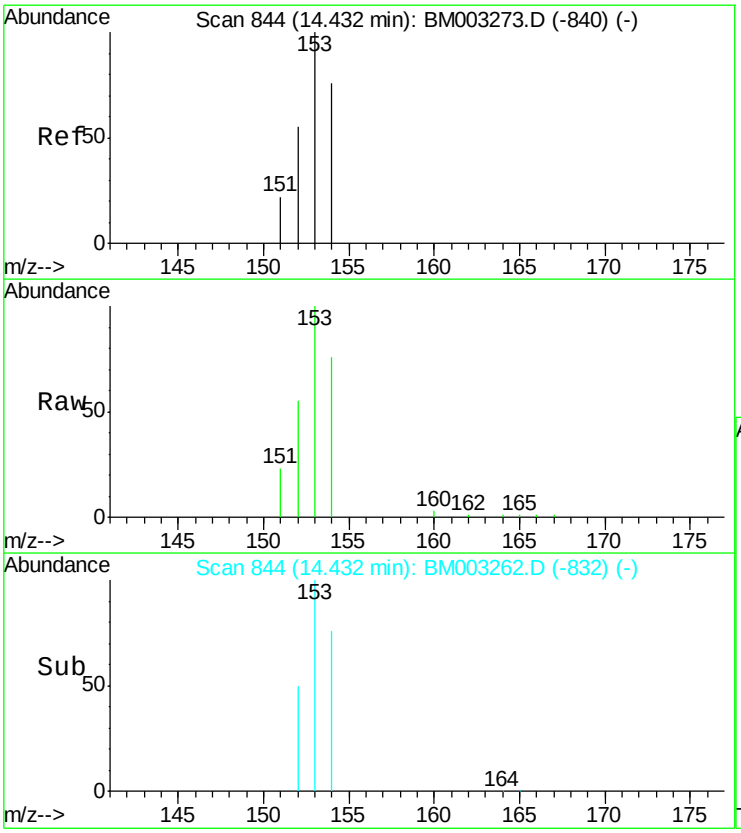
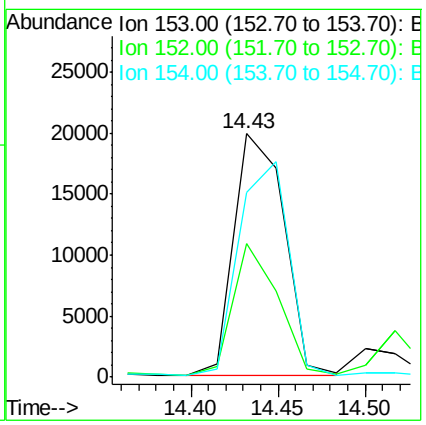
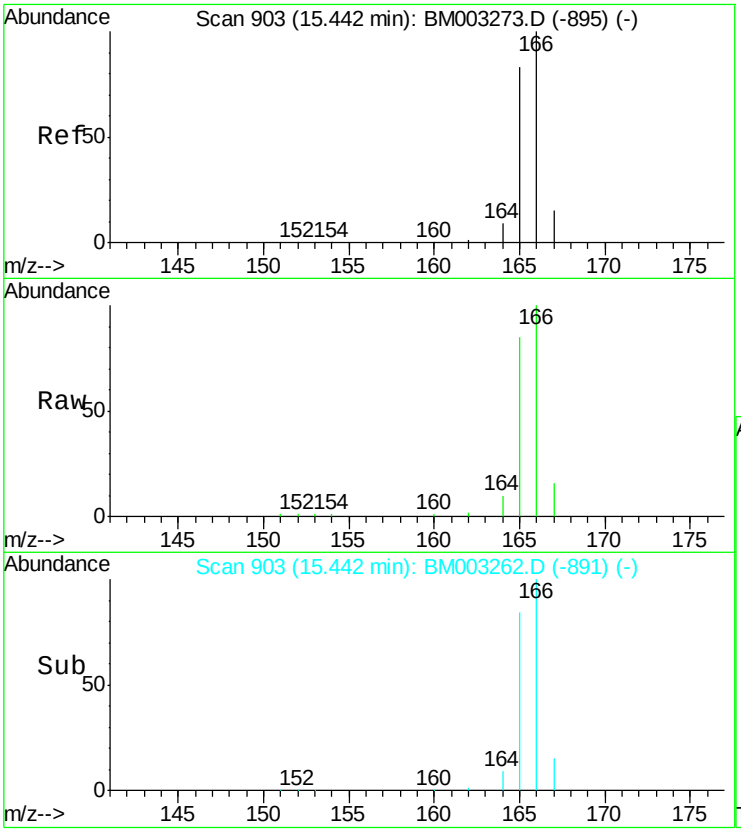


#10
Acenaphthene
Concen: 0.36 ng/ul
RT: 14.43 min Scan# 844
Delta R.T. -0.00 min
Lab File: BM003262.D
Acq: 21 Nov 2015 23:29

Tgt Ion:153 Resp: 39841

Ion	Ratio	Lower	Upper
153	100		
152	54.7	33.9	50.9#
154	75.8	80.6	121.0#

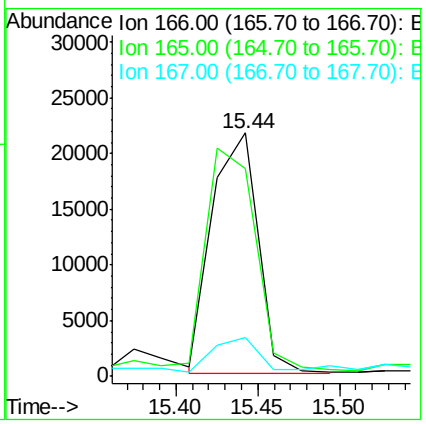




#11
Fluorene
Concen: 0.36 ng/ul m
RT: 15.44 min Scan# 903
Delta R.T. -0.00 min
Lab File: BM003262.D
Acq: 21 Nov 2015 23:29

Tgt Ion:166 Resp: 42448

Ion	Ratio	Lower	Upper
166	100		
165	85.3	69.6	104.4
167	16.0	11.9	17.9



Instrument :
BNA_M
ClientSampleId :
A4J48

Manual Integrations APPROVED
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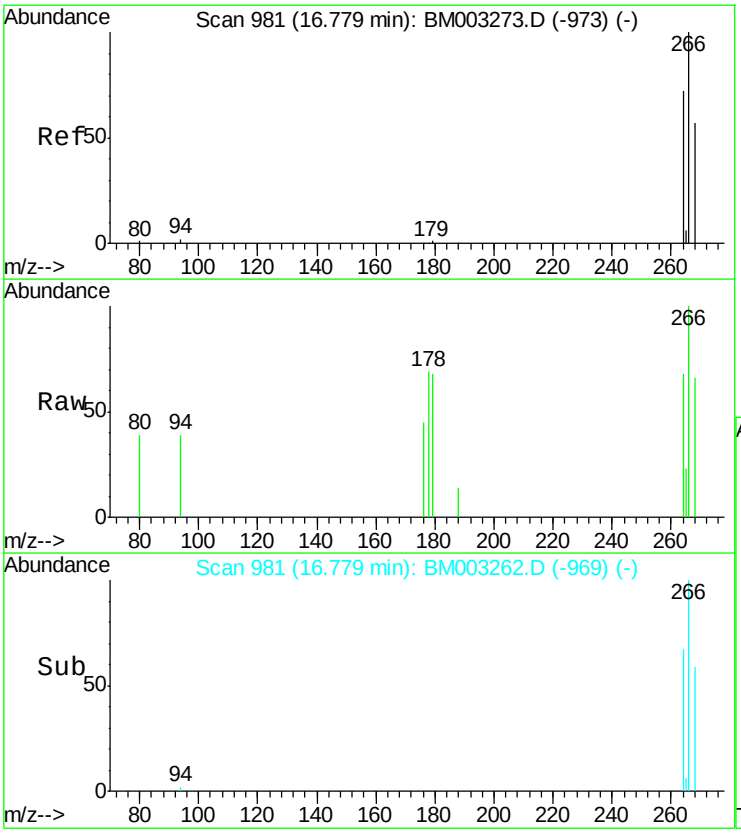
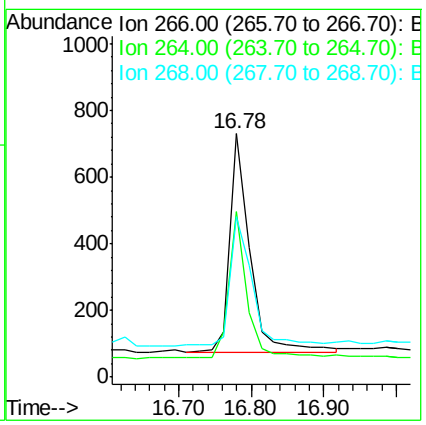
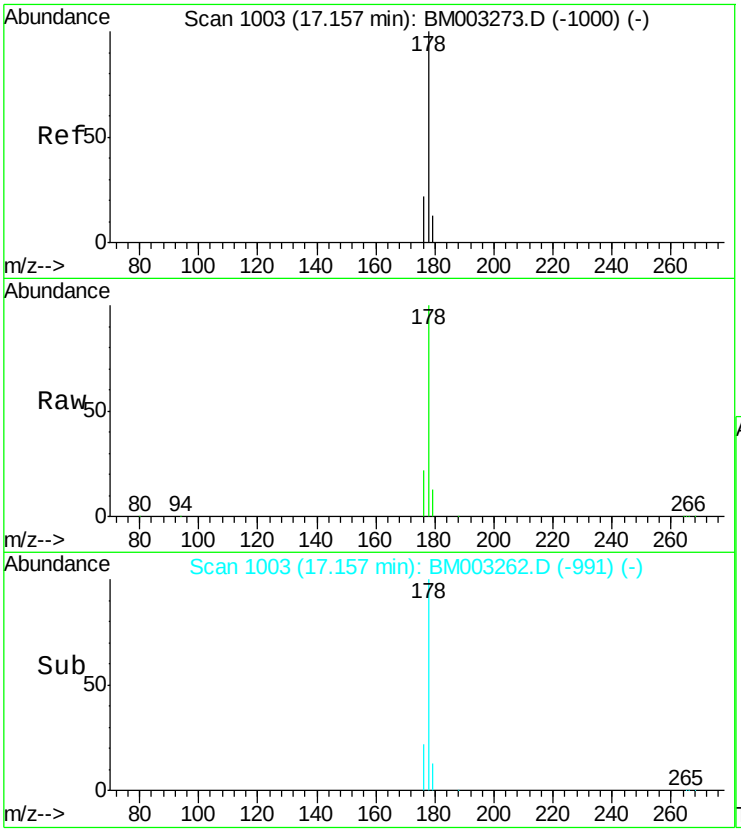


#13
Pentachlorophenol
Concen: 0.08 ng/ul
RT: 16.78 min Scan# 981
Delta R.T. -0.00 min
Lab File: BM003262.D
Acq: 21 Nov 2015 23:29

Tgt Ion:266 Resp: 1233

Ion	Ratio	Lower	Upper
266	100		
264	63.9	51.8	77.8
268	66.1	46.8	70.2





#14
Phenanthrene
Concen: 4.17 ng/ul m
RT: 17.16 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BM003262.D
Acq: 21 Nov 2015 23:29

Tgt Ion:178 Resp: 767602

Ion	Ratio	Lower	Upper
178	100		
176	21.9	13.0	19.4#
179	13.3	14.2	21.2#

Instrument :
BNA_M
ClientSampleId :
A4J48

Manual Integrations APPROVED
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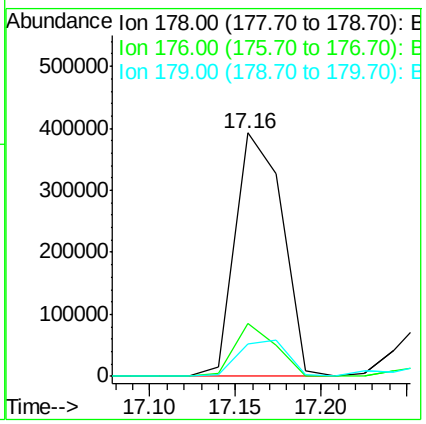
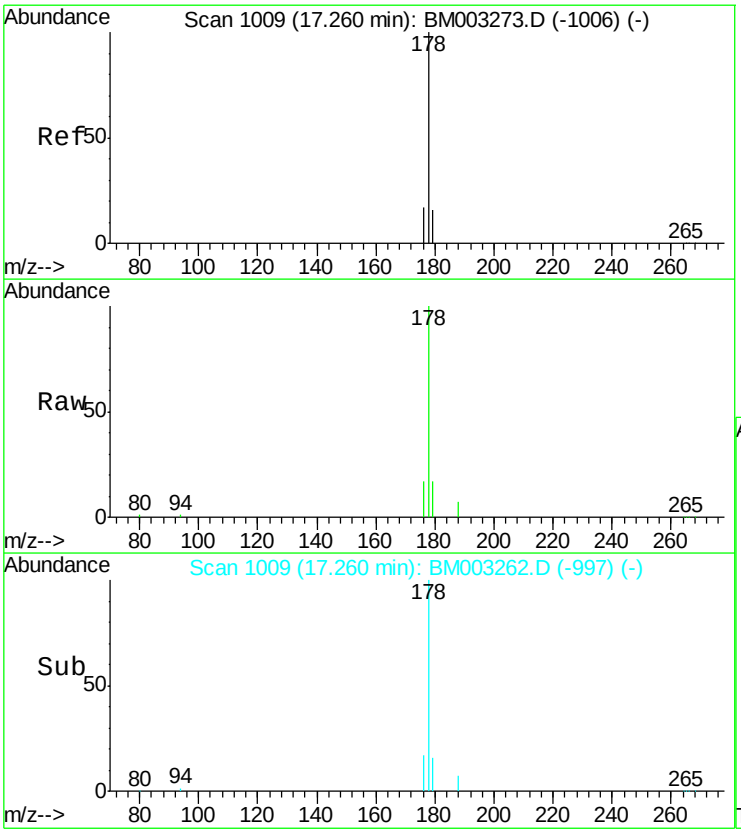
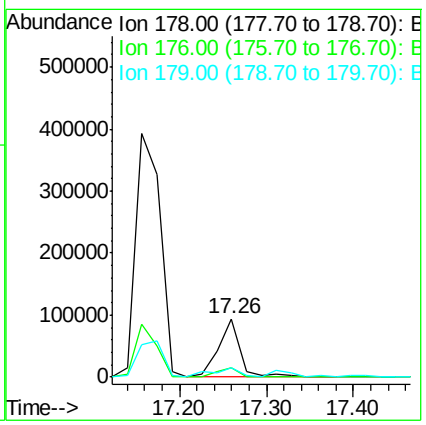


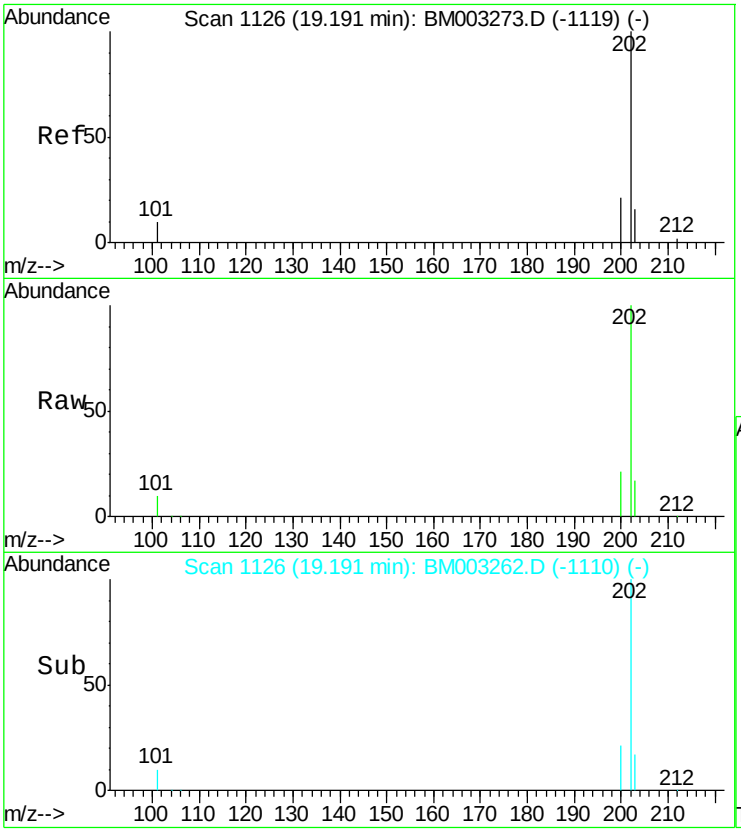


#15
Anthracene
Concen: 1.03 ng/ul
RT: 17.26 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BM003262.D
Acq: 21 Nov 2015 23:29

Tgt Ion:178 Resp: 158920

Ion	Ratio	Lower	Upper
178	100		
176	16.8	14.0	21.0
179	16.7	12.9	19.3

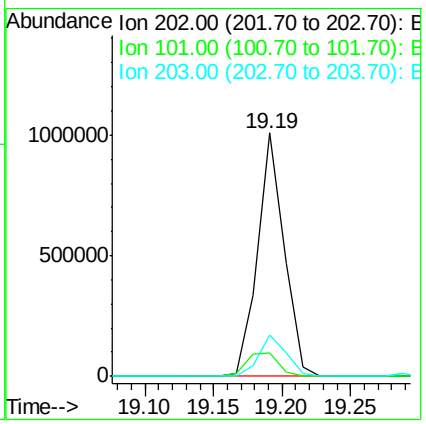




#17
Fluoranthene
Concen: 6.61 ng/ul
RT: 19.19 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BM003262.D
Acq: 21 Nov 2015 23:29

Tgt Ion:202 Resp: 1350137

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	29.6
203	17.1	0.0	36.3



Instrument :
BNA_M
ClientSampleId :
A4J48

Manual Integrations APPROVED
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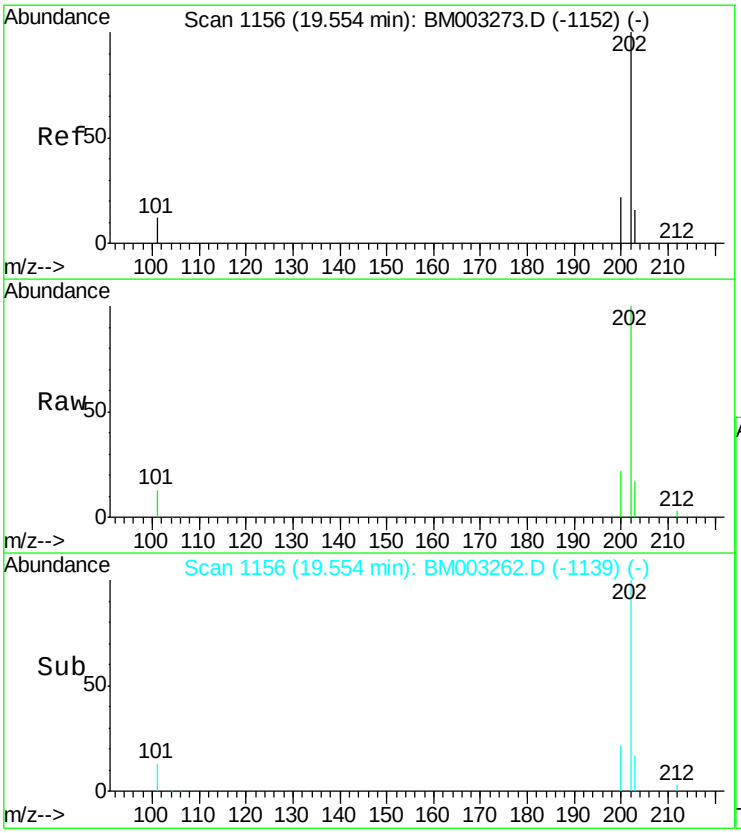
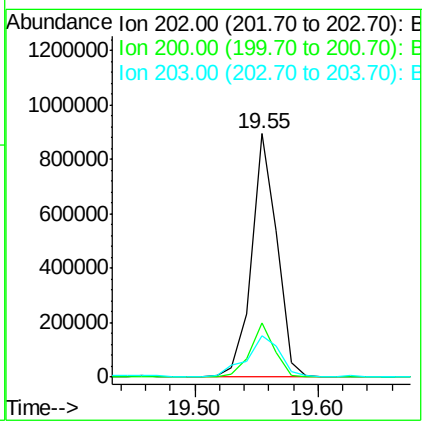
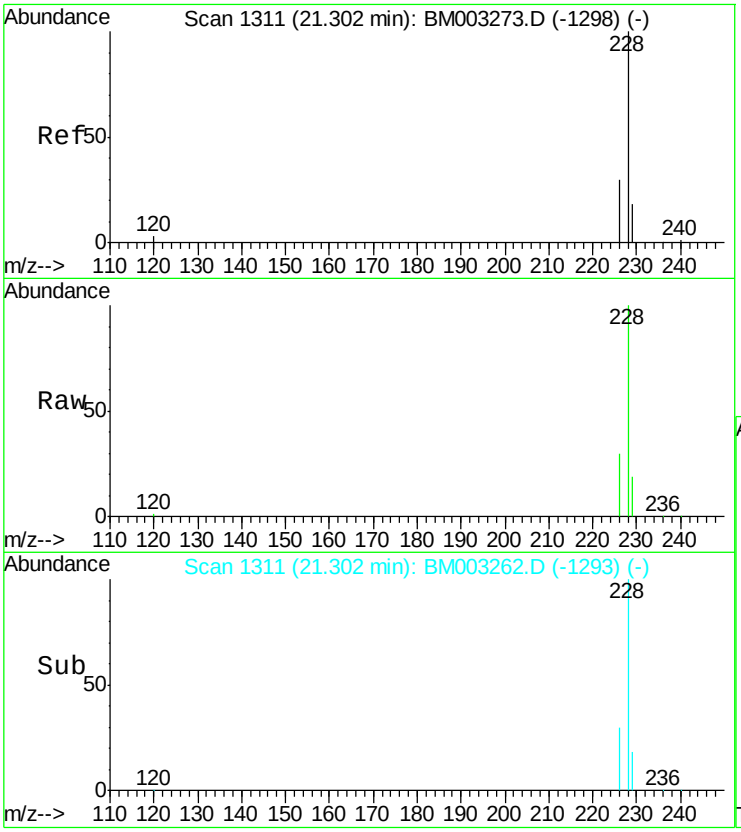


#19
Pyrene
Concen: 5.92 ng/ul
RT: 19.55 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BM003262.D
Acq: 21 Nov 2015 23:29

Tgt Ion:202 Resp: 1282707

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.8	26.8
203	16.9	12.8	19.2

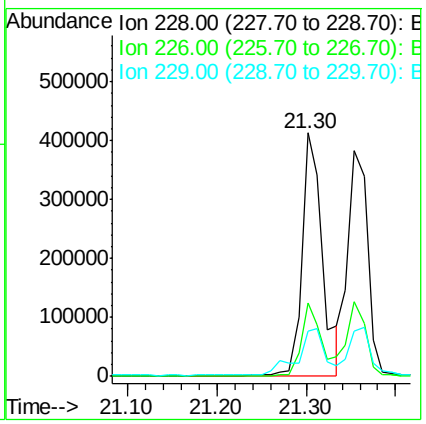




#20
Benzo(a)anthracene
Concen: 3.55 ng/ul
RT: 21.30 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BM003262.D
Acq: 21 Nov 2015 23:29

Tgt Ion:228 Resp: 651358

Ion	Ratio	Lower	Upper
228	100		
226	30.0	18.8	28.2#
229	18.7	17.1	25.7



Instrument :
BNA_M
ClientSampleId :
A4J48

Manual Integrations APPROVED
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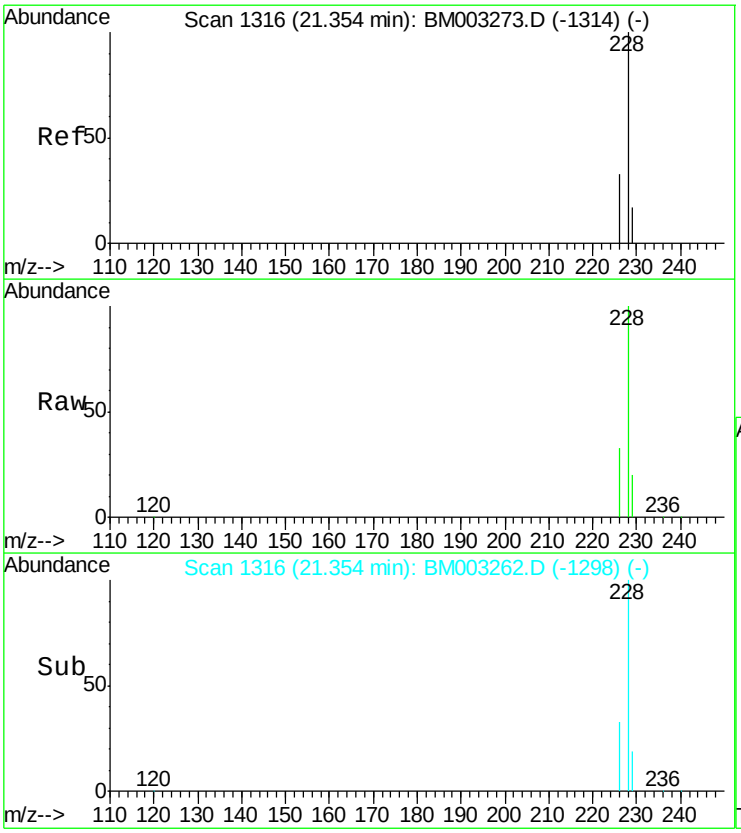
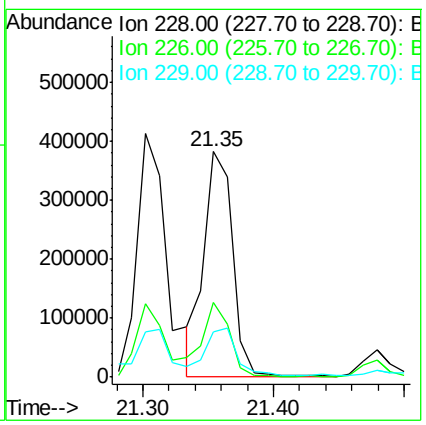
11/23/2015 7:04:27 PM

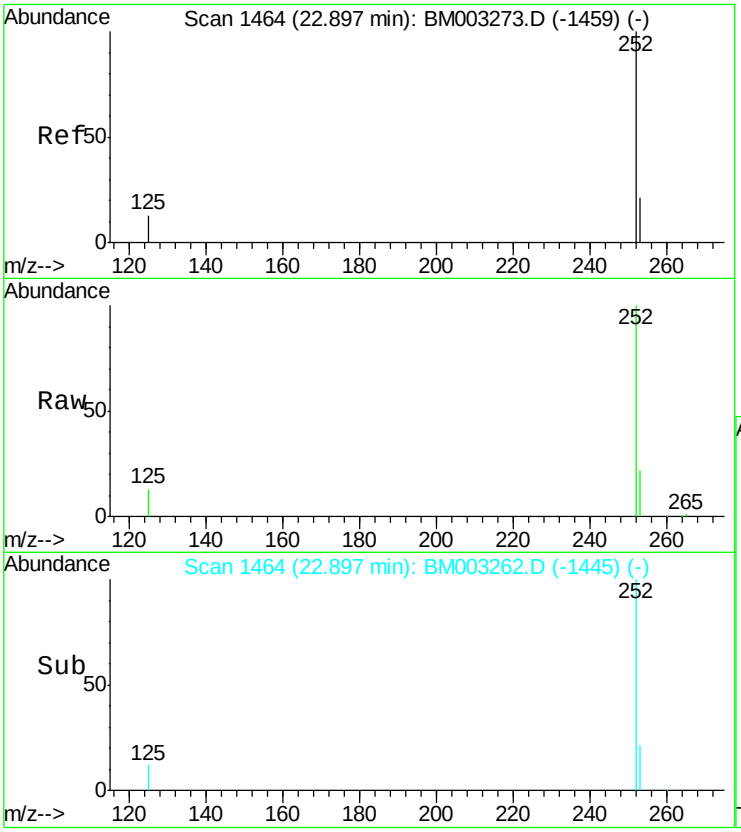


#21
Chrysene
Concen: 2.88 ng/ul m
RT: 21.35 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BM003262.D
Acq: 21 Nov 2015 23:29

Tgt Ion:228 Resp: 595401

Ion	Ratio	Lower	Upper
228	100		
226	33.0	21.2	31.8#
229	19.8	17.0	25.6

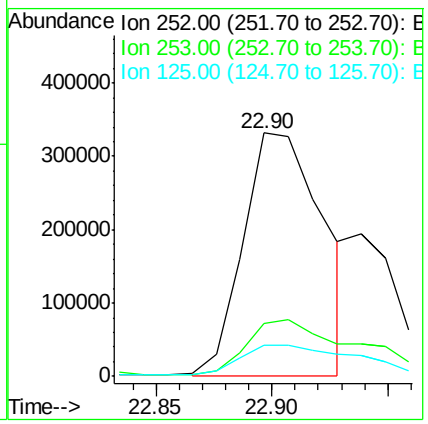




#23
Benzo(b)fluoranthene
Concen: 3.32 ng/ul m
RT: 22.90 min Scan# 1464
Delta R.T. -0.00 min
Lab File: BM003262.D
Acq: 21 Nov 2015 23:29

Tgt Ion:252 Resp: 797047

Ion	Ratio	Lower	Upper
252	100		
253	21.7	0.0	45.4
125	12.9	0.0	28.8



Instrument :
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ClientSampleId :
A4J48

Manual Integrations APPROVED
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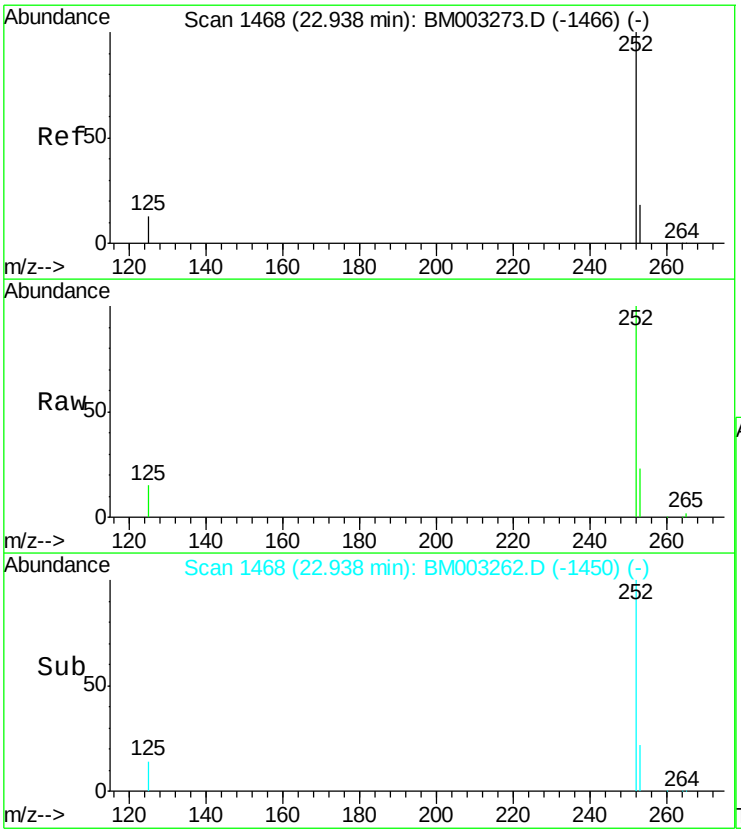
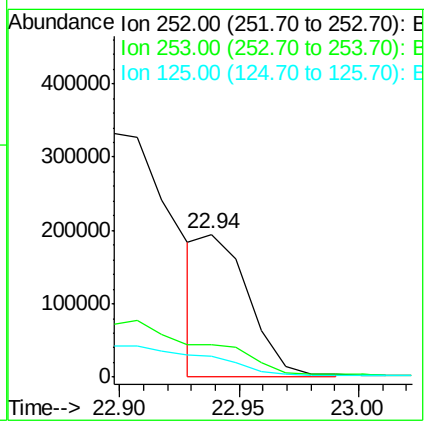
11/23/2015 7:04:27 PM

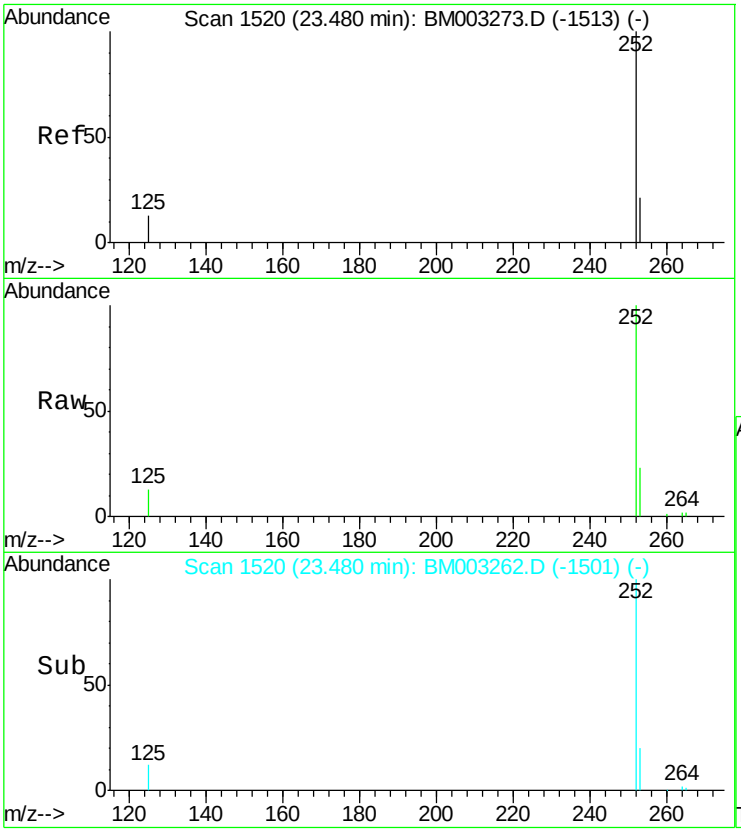


#24
Benzo(k)fluoranthene
Concen: 1.21 ng/ul m
RT: 22.94 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BM003262.D
Acq: 21 Nov 2015 23:29

Tgt Ion:252 Resp: 274947

Ion	Ratio	Lower	Upper
252	100		
253	23.0	19.8	29.8
125	14.9	10.4	15.6

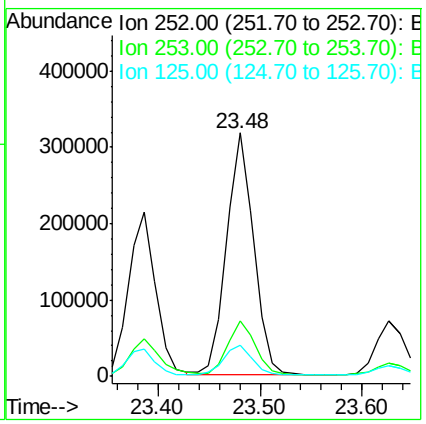




#25
Benzo(a)pyrene
Concen: 2.74 ng/ul
RT: 23.48 min Scan# 1520
Delta R.T. -0.00 min
Lab File: BM003262.D
Acq: 21 Nov 2015 23:29

Tgt Ion:252 Resp: 585600

Ion	Ratio	Lower	Upper
252	100		
253	22.7	19.4	29.2
125	12.9	12.7	19.1



Instrument :
BNA_M
ClientSampleId :
A4J48

Manual Integrations APPROVED
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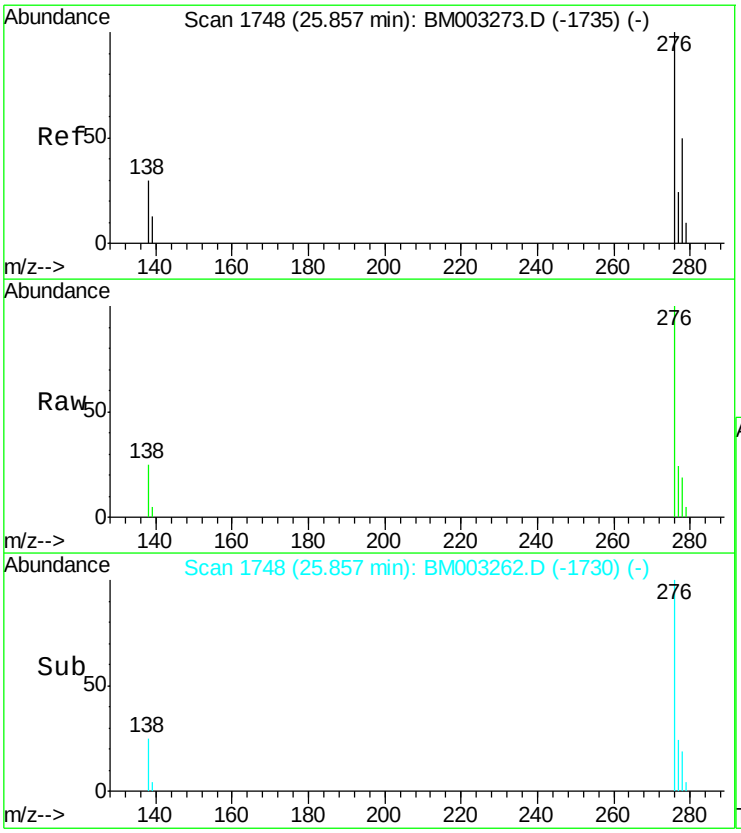
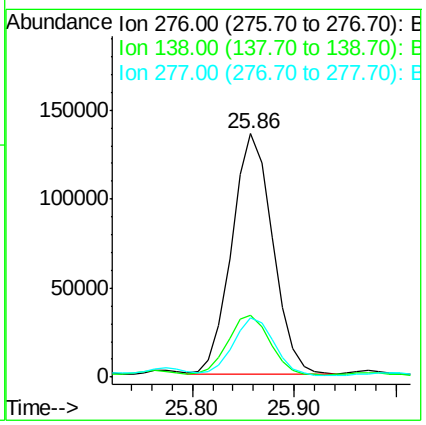
11/23/2015 7:04:27 PM

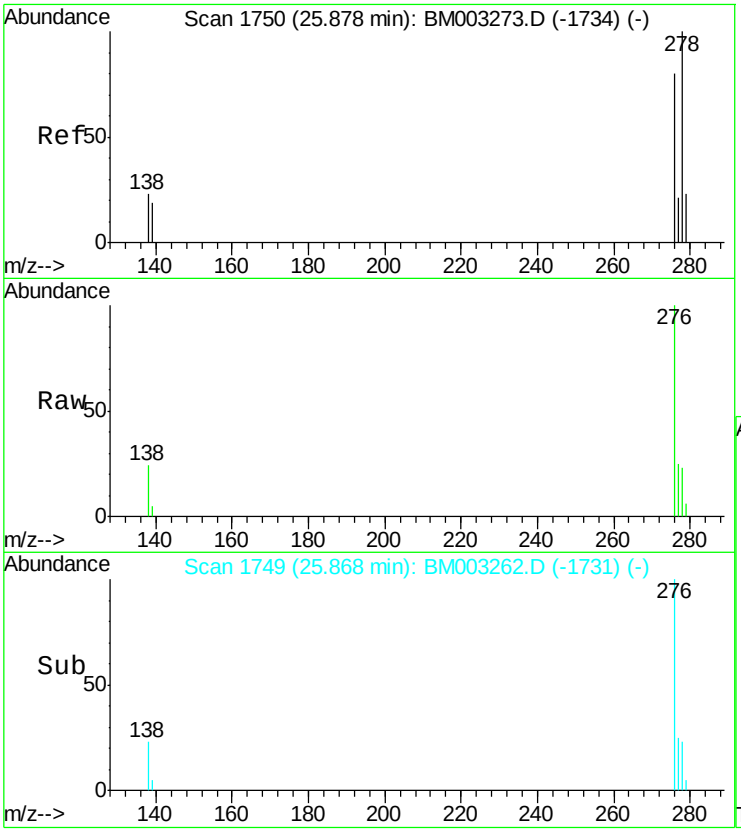


#26
Indeno(1,2,3-cd)pyrene
Concen: 1.48 ng/ul
RT: 25.86 min Scan# 1748
Delta R.T. -0.01 min
Lab File: BM003262.D
Acq: 21 Nov 2015 23:29

Tgt Ion:276 Resp: 377566

Ion	Ratio	Lower	Upper
276	100		
138	25.6	16.3	24.5#
277	24.1	19.8	29.8

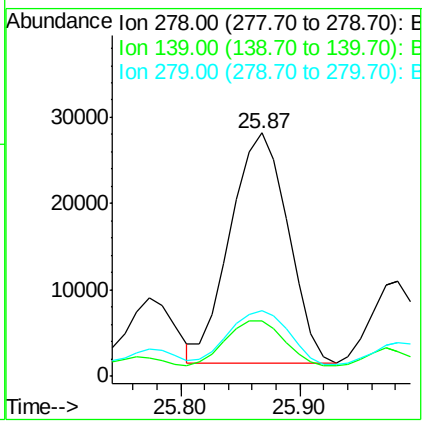




#27
Dibenzo(a,h)anthracene
Concen: 0.44 ng/ul
RT: 25.87 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BM003262.D
Acq: 21 Nov 2015 23:29

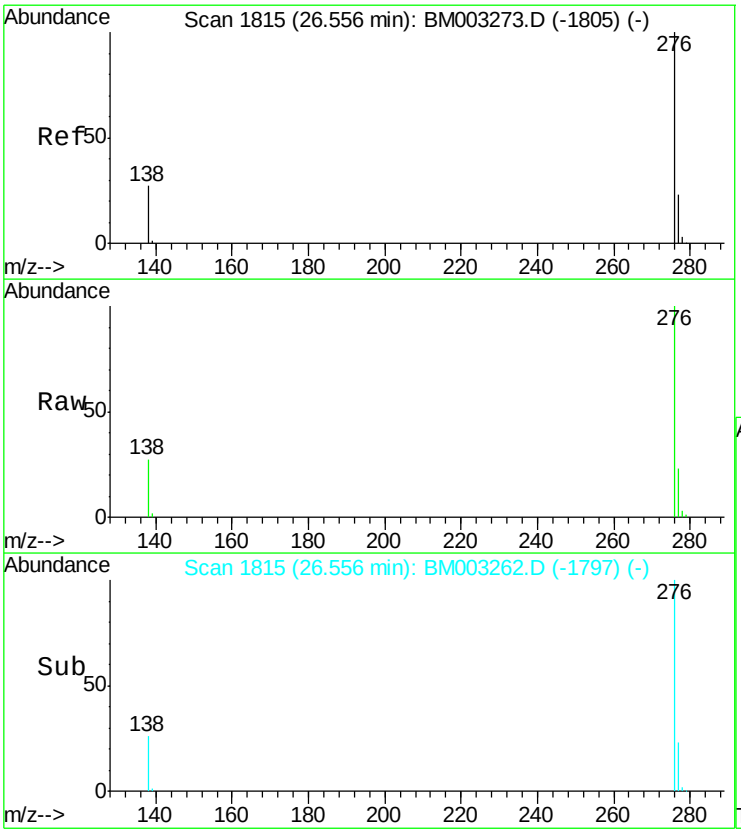
Tgt Ion:278 Resp: 89513

Ion	Ratio	Lower	Upper
278	100		
139	22.8	16.4	24.6
279	27.2	20.2	30.2



Instrument :
BNA_M
ClientSampleId :
A4J48

Manual Integrations APPROVED
Mmdadoda
11/23/2015 7:04:27 PM



#28
Benzo(g,h,i)perylene
Concen: 1.64 ng/ul
RT: 26.56 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BM003262.D
Acq: 21 Nov 2015 23:29

Tgt Ion:276 Resp: 366043

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.9	28.3
138	26.9	22.5	33.7