Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121615\
Data File : BM003578.D
Acq On : 16 Dec 2015 15:18
Operator : UM/IZ
Sample : G4767-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9N24

Manual Integrations APPROVED
MMdadoda
12/17/2015 5:35:59 PM

Quant Time: Dec 17 14:43:12 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM121515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 17 13:23:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	5027	0.40	ng/ul	0.00
4) Naphthalene-d8	10.50	136	21640	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.37	164	12243	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.11	188	28878	0.40	ng/ul	0.00
18) Chrysene-d12	21.32	240	30699	0.40	ng/ul	0.00
22) Perylene-d12	23.56	264	24038	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
6) 2-Methylnaphthalene-d10	12.10	152	6831	0.26	ng/ul	0.00
16) Fluoranthene-d10	19.15	212	22244	0.36	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.55	128	39625	0.81	ng/ul	98
9) Acenaphthylene	14.07	152	16063	0.34	ng/ul	95
10) Acenaphthene	14.42	153	18208	0.48	ng/ul	88
11) Fluorene	15.41	166	17508	0.42	ng/ul#	83
13) Pentachlorophenol	16.76	266	2278	0.55	ng/ul	96
14) Phenanthrene	17.14	178	34149	0.46	ng/ul#	93
15) Anthracene	17.23	178	27420m	0.43	ng/ul	
17) Fluoranthene	19.17	202	39482	0.49	ng/ul	98
19) Pyrene	19.54	202	52690	0.64	ng/ul	99
20) Benzo(a)anthracene	21.30	228	40103	0.54	ng/ul	99
23) Benzo(b)fluoranthene	22.88	252	36976	0.45	ng/ul	99
26) Indeno(1,2,3-cd)pyrene	25.83	276	44138	0.55	ng/ul#	91
27) Dibenzo(a,h)anthracene	25.84	278	33859	0.52	ng/ul	99
28) Benzo(g,h,i)perylene	26.52	276	29461	0.42	ng/ul	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121615\
Data File : BM003578.D
Acq On : 16 Dec 2015 15:18
Operator : UM/IZ
Sample : G4767-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 17 14:43:12 2015
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QLast Update : Thu Dec 17 13:23:22 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9N24

Manual Integrations APPROVED
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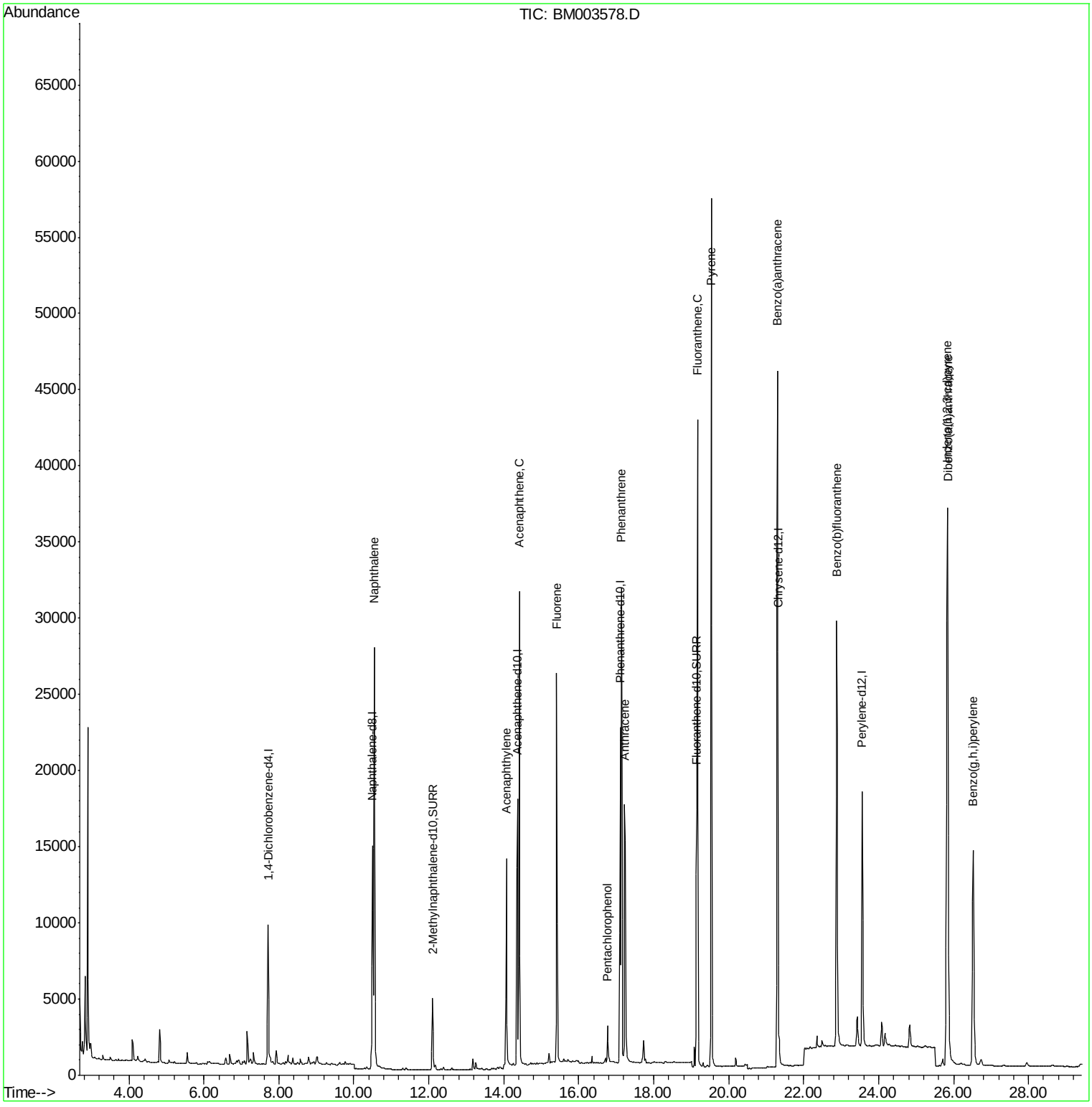
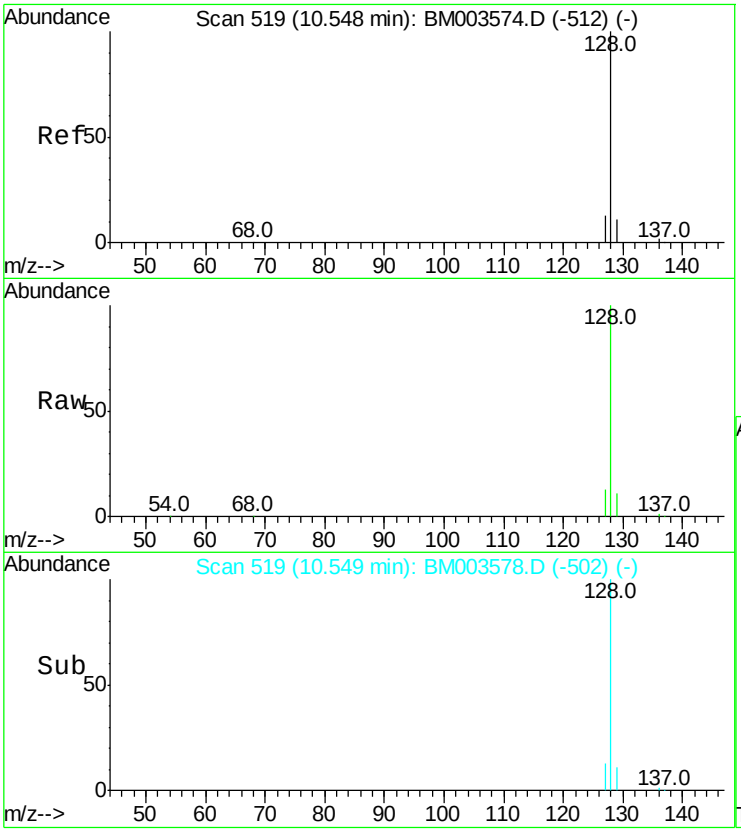
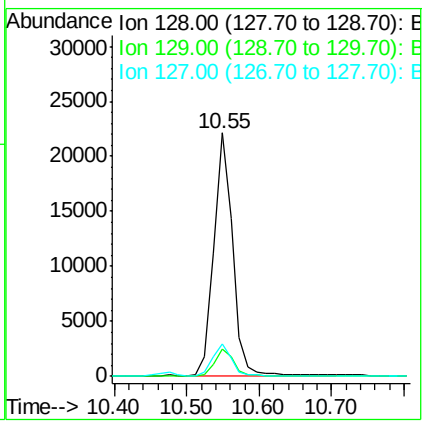




#5
Naphthalene
Concen: 0.81 ng/ul
RT: 10.55 min Scan# 519
Delta R.T. 0.00 min
Lab File: BM003578.D
Acq: 16 Dec 2015 15:18

Tgt Ion:128 Resp: 39625

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	13.3	9.6	14.4



Instrument :
BNA_M
ClientSampleId :
D9N24

Manual Integrations APPROVED
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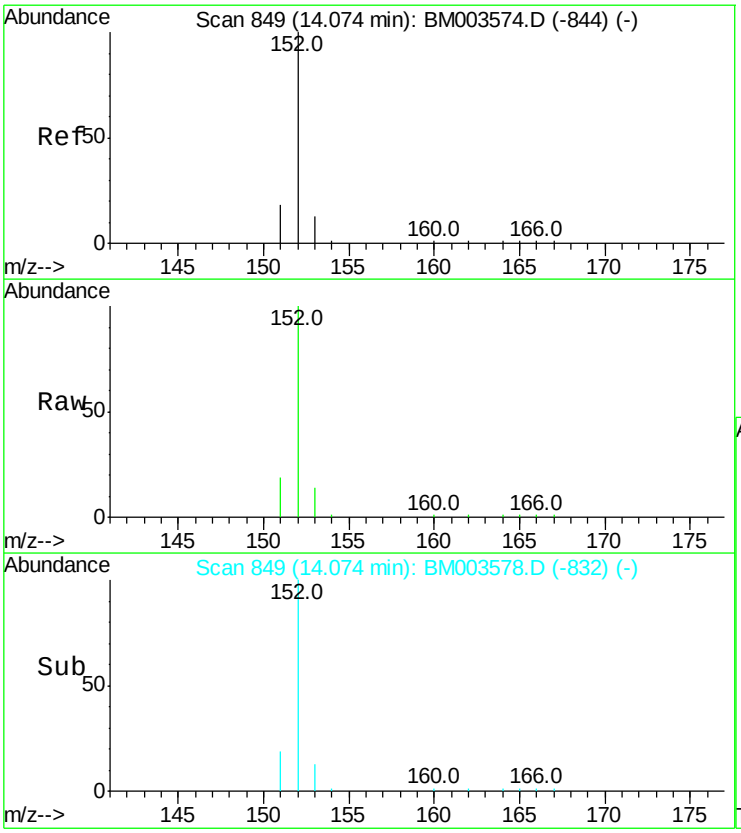
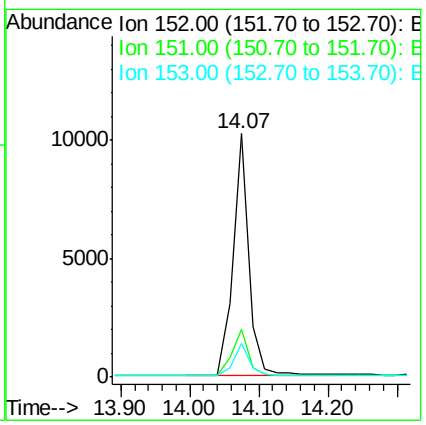
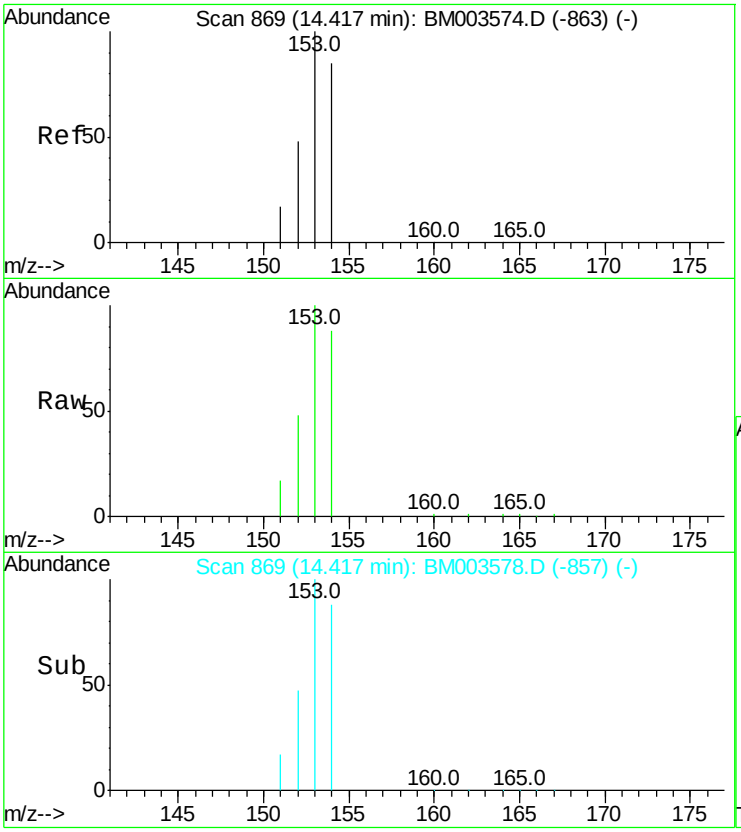


#9
Acenaphthylene
Concen: 0.34 ng/ul
RT: 14.07 min Scan# 849
Delta R.T. 0.00 min
Lab File: BM003578.D
Acq: 16 Dec 2015 15:18

Tgt Ion:152 Resp: 16063

Ion	Ratio	Lower	Upper
152	100		
151	19.5	17.6	26.4
153	13.8	9.7	14.5

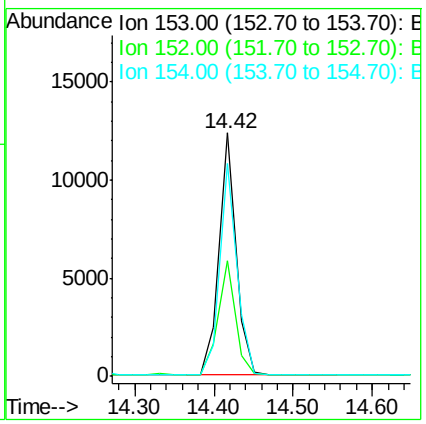




#10
Acenaphthene
Concen: 0.48 ng/ul
RT: 14.42 min Scan# 869
Delta R.T. 0.00 min
Lab File: BM003578.D
Acq: 16 Dec 2015 15:18

Tgt Ion:153 Resp: 18208

Ion	Ratio	Lower	Upper
153	100		
152	47.5	33.9	50.9
154	87.5	80.6	121.0



Instrument :
BNA_M
ClientSampleId :
D9N24

Manual Integrations APPROVED
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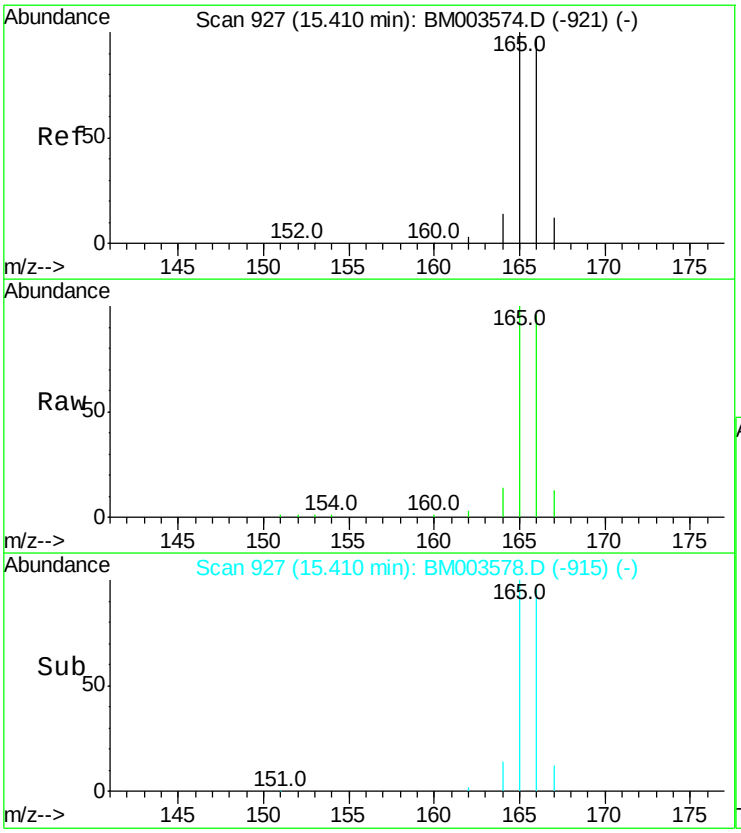
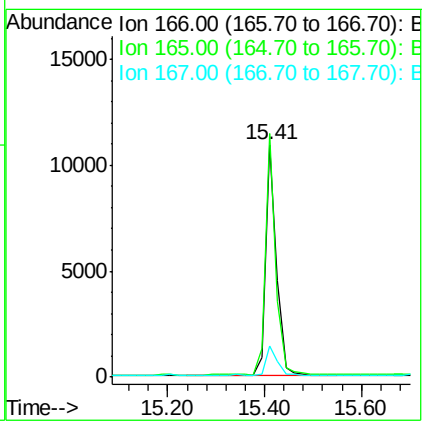
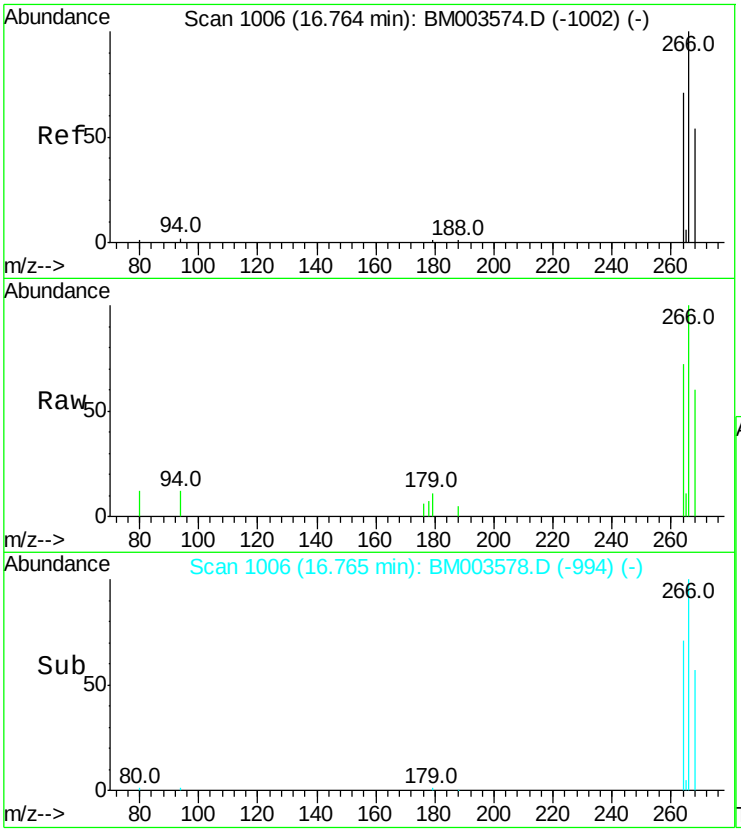


#11
Fluorene
Concen: 0.42 ng/ul
RT: 15.41 min Scan# 927
Delta R.T. 0.00 min
Lab File: BM003578.D
Acq: 16 Dec 2015 15:18

Tgt Ion:166 Resp: 17508

Ion	Ratio	Lower	Upper
166	100		
165	104.6	69.6	104.4#
167	13.3	11.9	17.9





#13
Pentachlorophenol
Concen: 0.55 ng/ul
RT: 16.76 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BM003578.D
Acq: 16 Dec 2015 15:18

Tgt Ion:266 Resp: 2278

Ion	Ratio	Lower	Upper
266	100		
264	63.4	51.8	77.8
268	63.6	46.8	70.2

Instrument :
BNA_M
ClientSampleId :
D9N24

Manual Integrations APPROVED
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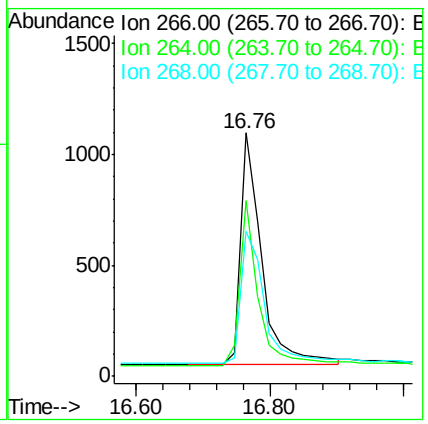
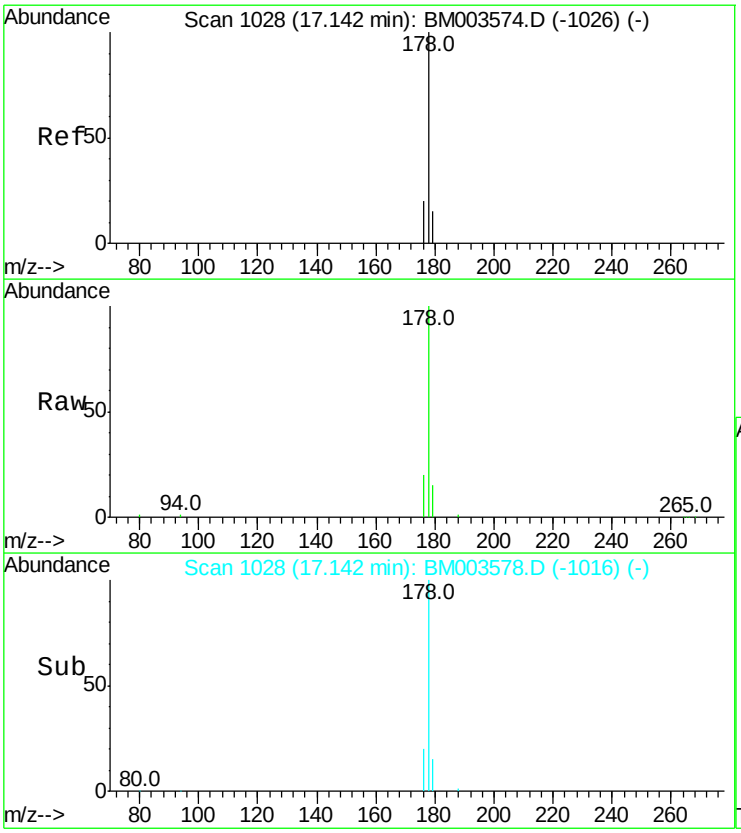
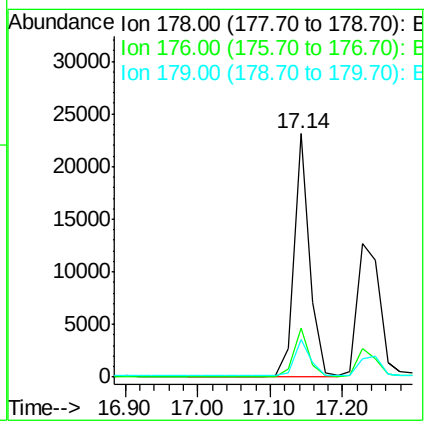


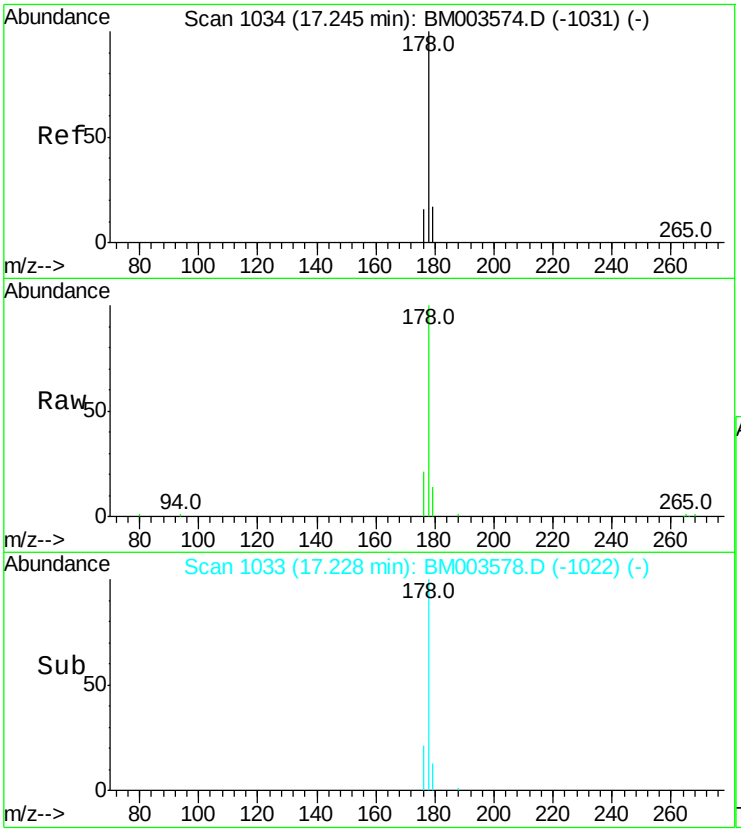


#14
Phenanthrene
Concen: 0.46 ng/ul
RT: 17.14 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BM003578.D
Acq: 16 Dec 2015 15:18

Tgt Ion:178 Resp: 34149

Ion	Ratio	Lower	Upper
178	100		
176	19.9	13.0	19.4#
179	15.2	14.2	21.2

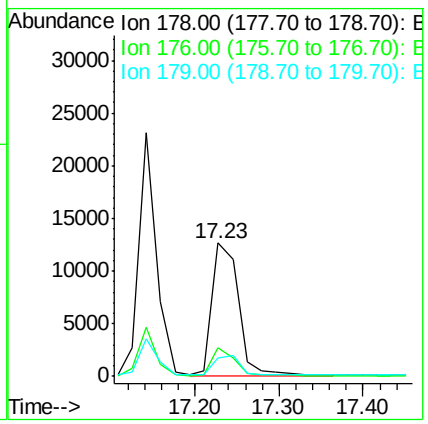




#15
Anthracene
Concen: 0.43 ng/ul m
RT: 17.23 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BM003578.D
Acq: 16 Dec 2015 15:18

Tgt Ion:178 Resp: 27420

Ion	Ratio	Lower	Upper
178	100		
176	21.5	14.0	21.0#
179	14.2	12.9	19.3



Instrument :
BNA_M
ClientSampleId :
D9N24

Manual Integrations APPROVED
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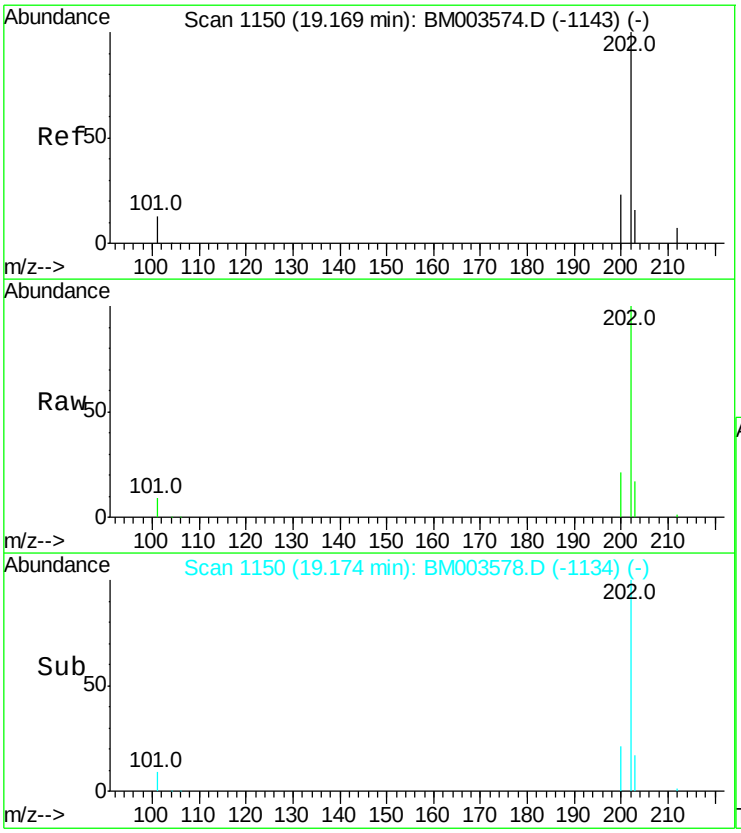
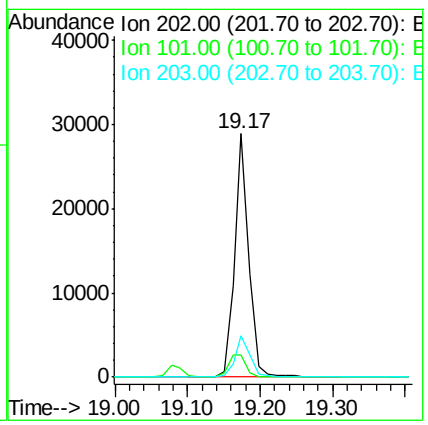
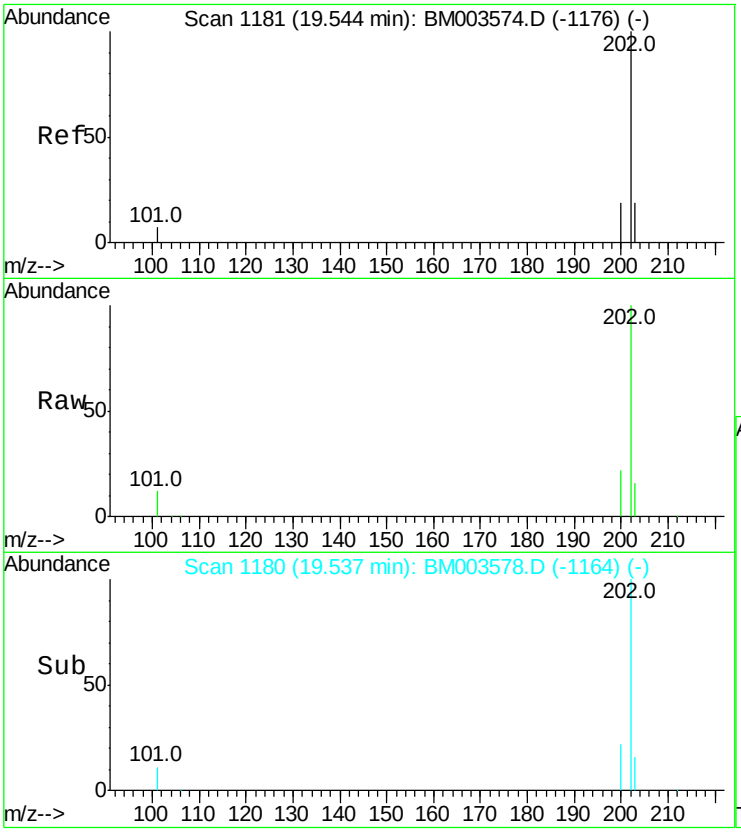


#17
Fluoranthene
Concen: 0.49 ng/ul
RT: 19.17 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BM003578.D
Acq: 16 Dec 2015 15:18

Tgt Ion:202 Resp: 39482

Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	29.6
203	17.2	0.0	36.3

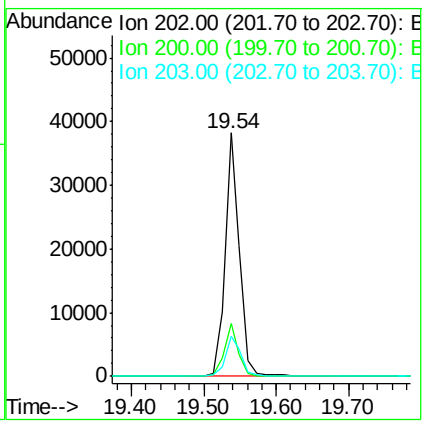




#19
Pyrene
Concen: 0.64 ng/ul
RT: 19.54 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BM003578.D
Acq: 16 Dec 2015 15:18

Tgt Ion:202 Resp: 52690

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.8	26.8
203	16.4	12.8	19.2



Instrument :
BNA_M
ClientSampleId :
D9N24

Manual Integrations APPROVED
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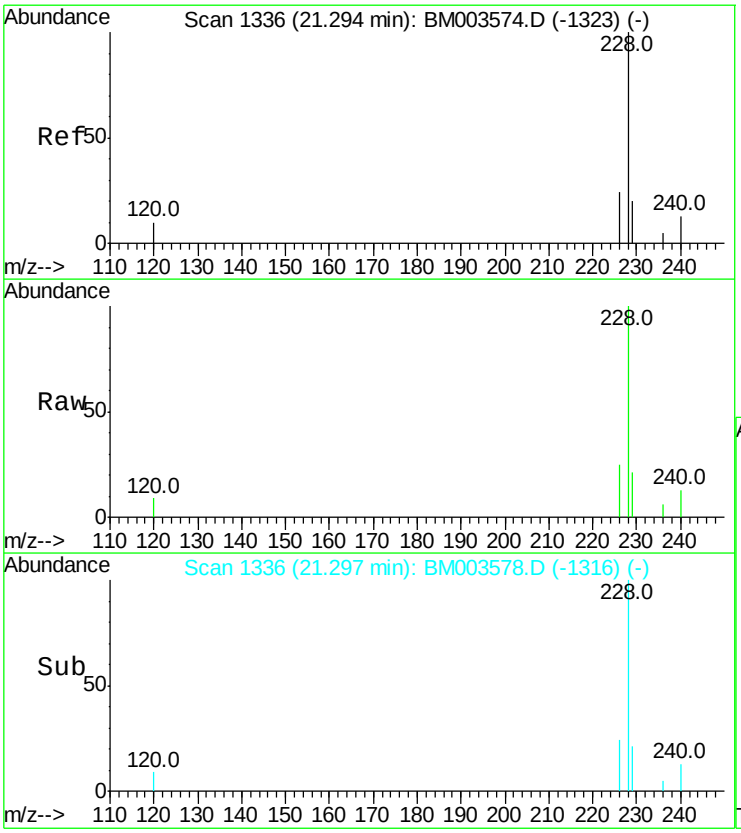
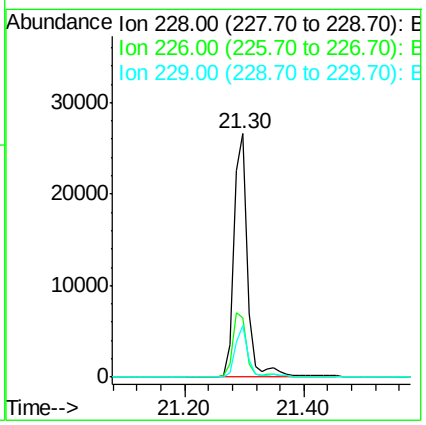
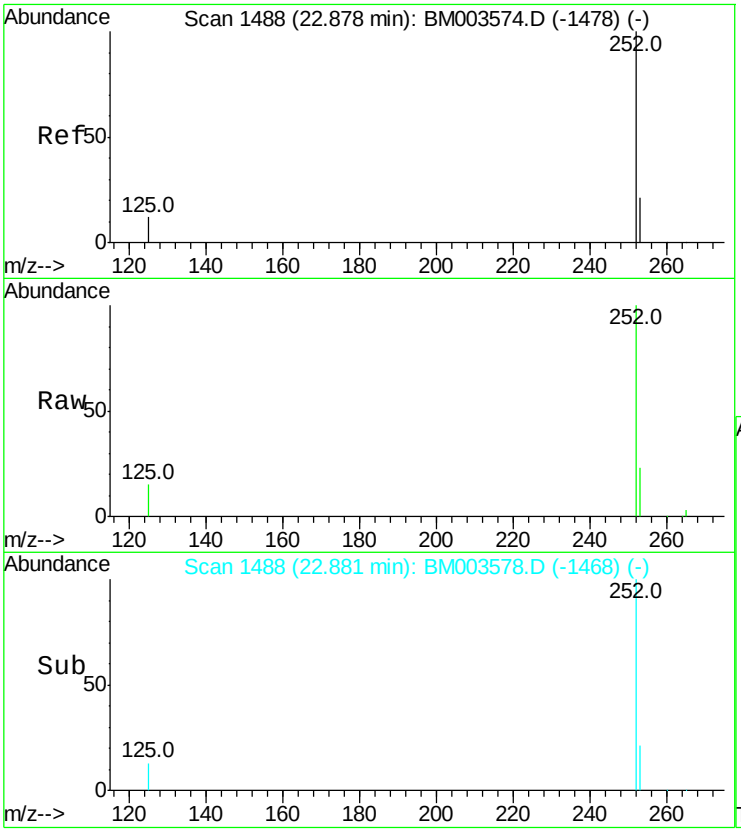


#20
Benzo(a)anthracene
Concen: 0.54 ng/ul
RT: 21.30 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BM003578.D
Acq: 16 Dec 2015 15:18

Tgt Ion:228 Resp: 40103

Ion	Ratio	Lower	Upper
228	100		
226	24.5	18.8	28.2
229	21.1	17.1	25.7

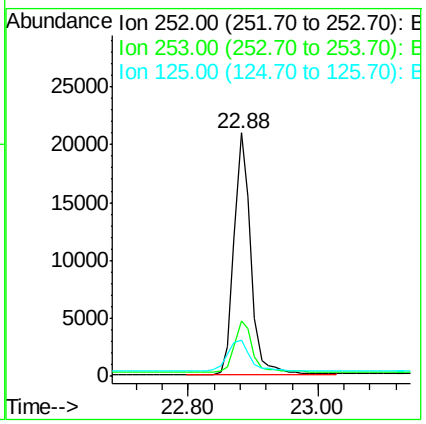




#23
Benzo(b)fluoranthene
Concen: 0.45 ng/ul
RT: 22.88 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BM003578.D
Acq: 16 Dec 2015 15:18

Tgt Ion:252 Resp: 36976

Ion	Ratio	Lower	Upper
252	100		
253	22.8	0.0	45.4
125	15.0	0.0	28.8



Instrument :
BNA_M
ClientSampleId :
D9N24

Manual Integrations APPROVED
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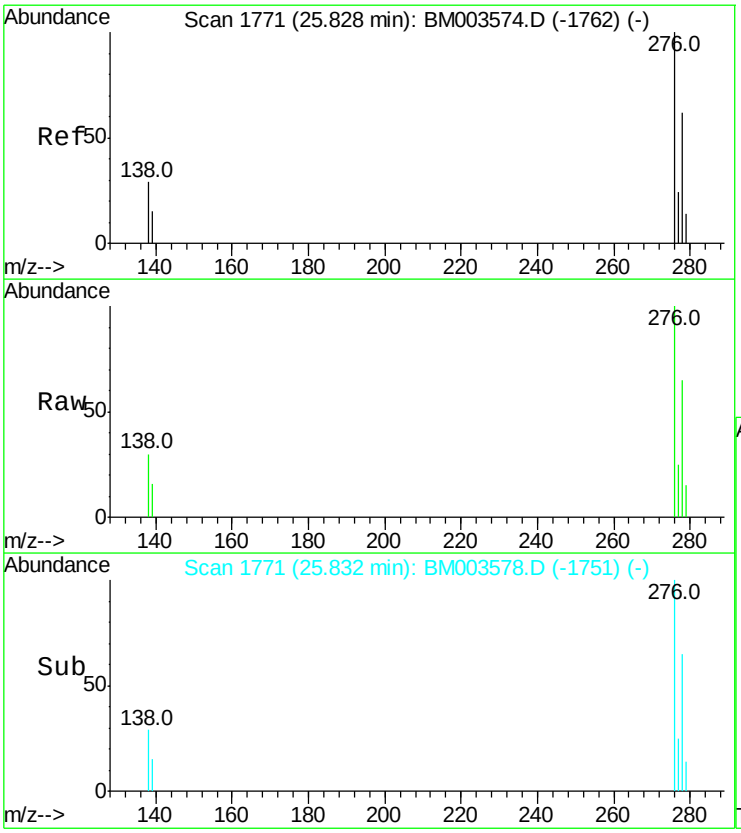
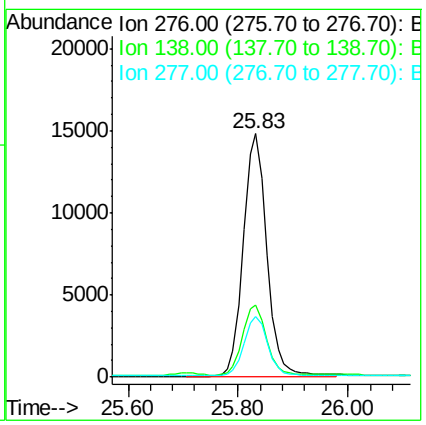
12/17/2015 5:35:59 PM

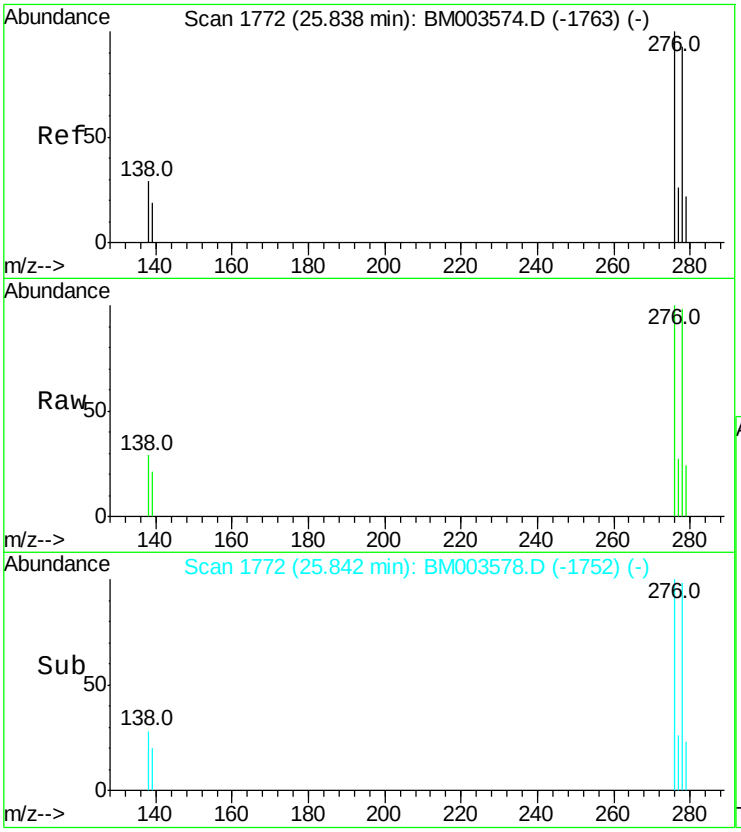


#26
Indeno(1,2,3-cd)pyrene
Concen: 0.55 ng/ul
RT: 25.83 min Scan# 1771
Delta R.T. 0.00 min
Lab File: BM003578.D
Acq: 16 Dec 2015 15:18

Tgt Ion:276 Resp: 44138

Ion	Ratio	Lower	Upper
276	100		
138	29.5	16.3	24.5#
277	24.9	19.8	29.8

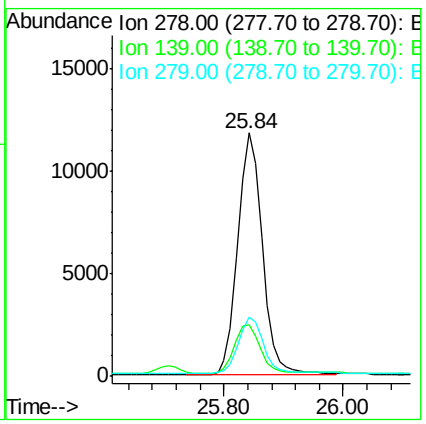




#27
Dibenzo(a,h)anthracene
Concen: 0.52 ng/ul
RT: 25.84 min Scan# 1772
Delta R.T. 0.00 min
Lab File: BM003578.D
Acq: 16 Dec 2015 15:18

Tgt Ion:278 Resp: 33859

Ion	Ratio	Lower	Upper
278	100		
139	21.1	16.4	24.6
279	24.5	20.2	30.2



Instrument :
BNA_M
ClientSampleId :
D9N24

Manual Integrations APPROVED
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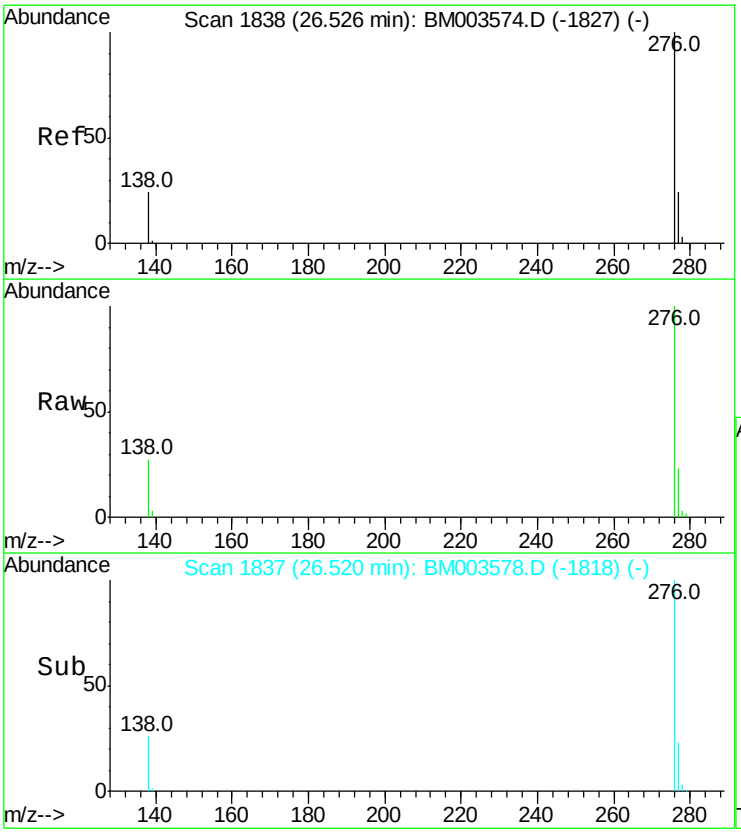
12/17/2015 5:35:59 PM



#28
Benzo(g,h,i)perylene
Concen: 0.42 ng/ul
RT: 26.52 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BM003578.D
Acq: 16 Dec 2015 15:18

Tgt Ion:276 Resp: 29461

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.9	28.3
138	27.3	22.5	33.7