Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042916\
Data File : BM005139.D
Acq On : 29 Apr 2016 11:50
Operator : UM/SJ
Sample : H2566-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
X2391

Manual Integrations APPROVED
UMANGI
4/29/2016 4:51:16 PM

Quant Time: Apr 29 14:08:28 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM041816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 29 13:46:03 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	1534	0.40	ng/ul	0.02
4) Naphthalene-d8	10.58	136	7158	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.43	164	4108	0.40	ng/ul	0.02
12) Phenanthrene-d10	17.18	188	9170	0.40	ng/ul	0.00
18) Chrysene-d12	21.37	240	7615	0.40	ng/ul	0.00
22) Perylene-d12	23.65	264	5463	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	12.17	152	2198	0.26	ng/ul	0.00
16) Fluoranthene-d10	19.21	212	6897	0.37	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.63	128	12893	0.76	ng/ul	98
9) Acenaphthylene	14.14	152	6836	0.41	ng/ul	95
10) Acenaphthene	14.49	153	6562	0.48	ng/ul	90
11) Fluorene	15.48	166	6406	0.43	ng/ul	85
13) Pentachlorophenol	16.83	266	448	0.41	ng/ul	93
14) Phenanthrene	17.21	178	12395	0.49	ng/ul#	94
15) Anthracene	17.30	178	11419m	0.52	ng/ul	
17) Fluoranthene	19.23	202	13313	0.51	ng/ul	87
19) Pyrene	19.60	202	18095	0.58	ng/ul#	92
20) Benzo(a)anthracene	21.35	228	11478	0.57	ng/ul	94
23) Benzo(b)fluoranthene	22.95	252	9211	0.47	ng/ul	88
26) Indeno(1,2,3-cd)pyrene	25.94	276	10215	0.59	ng/ul#	82
27) Dibenzo(a,h)anthracene	25.96	278	7623	0.57	ng/ul#	89
28) Benzo(g,h,i)perylene	26.65	276	8218	0.52	ng/ul#	89

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042916\
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QLast Update : Fri Apr 29 13:46:03 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
X2391

Manual Integrations APPROVED
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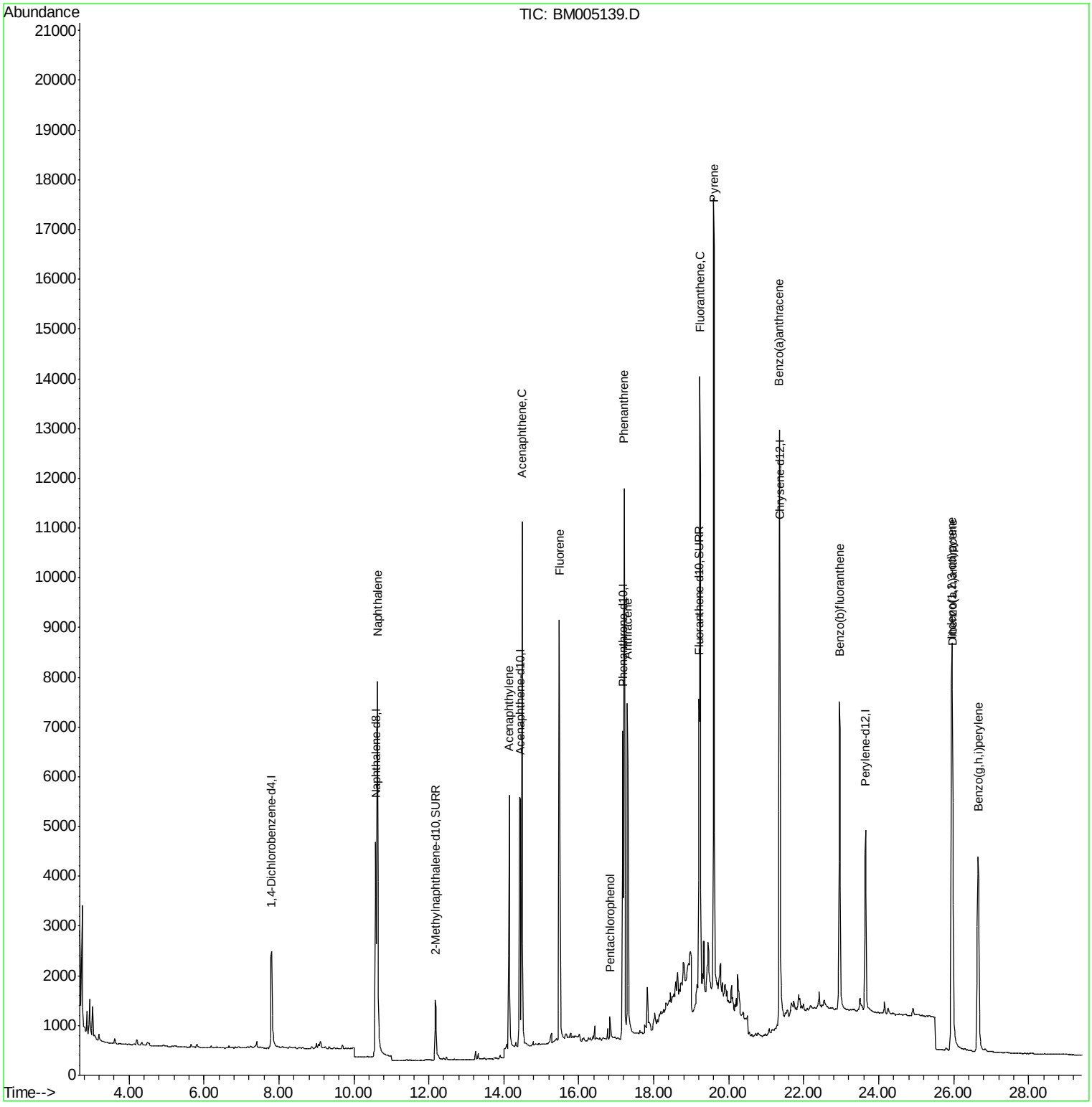
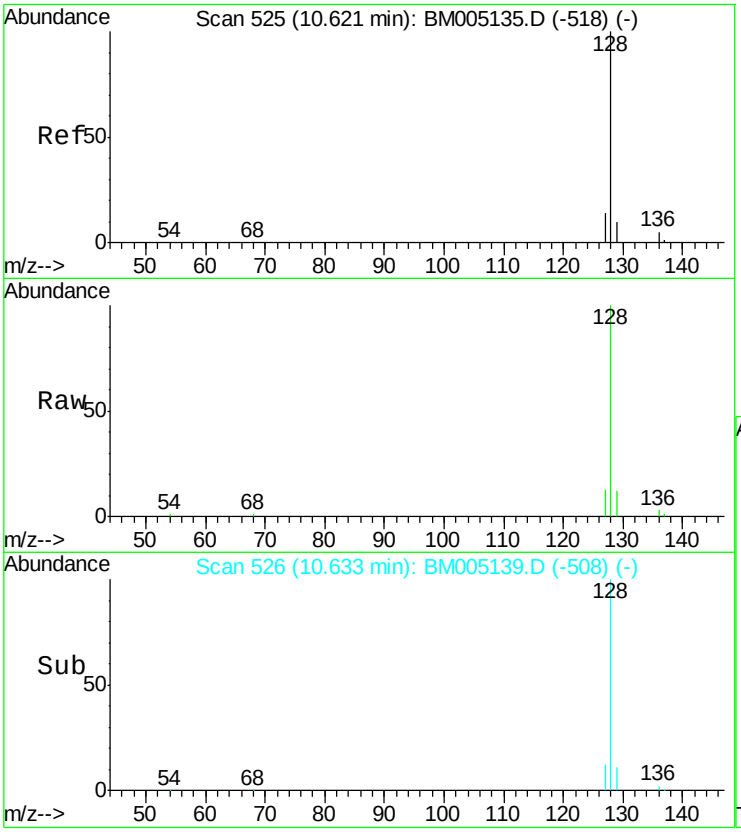
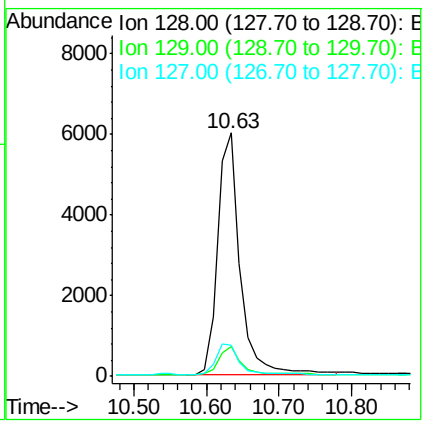




#5
Naphthalene
Concen: 0.76 ng/ul
RT: 10.63 min Scan# 526
Delta R.T. 0.01 min
Lab File: BM005139.D
Acq: 29 Apr 2016 11:50

Tgt Ion:128 Resp: 12893

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.0	13.6
127	12.7	9.6	14.4



Instrument :
BNA_M
ClientSampleId :
X2391

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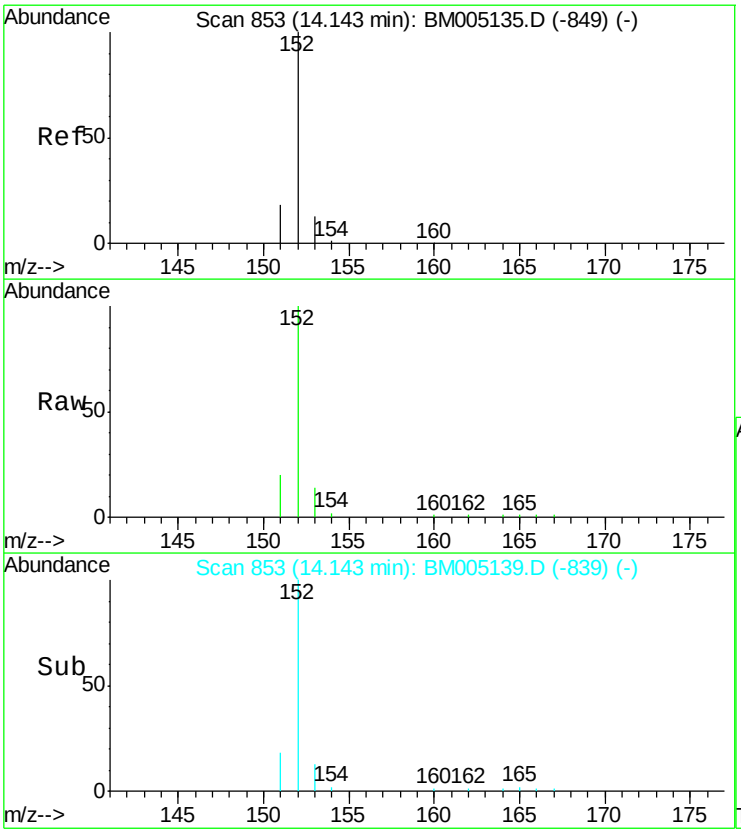
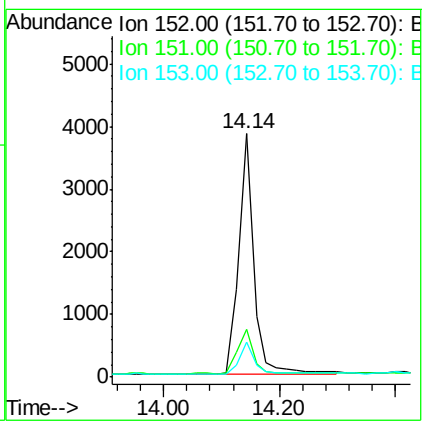
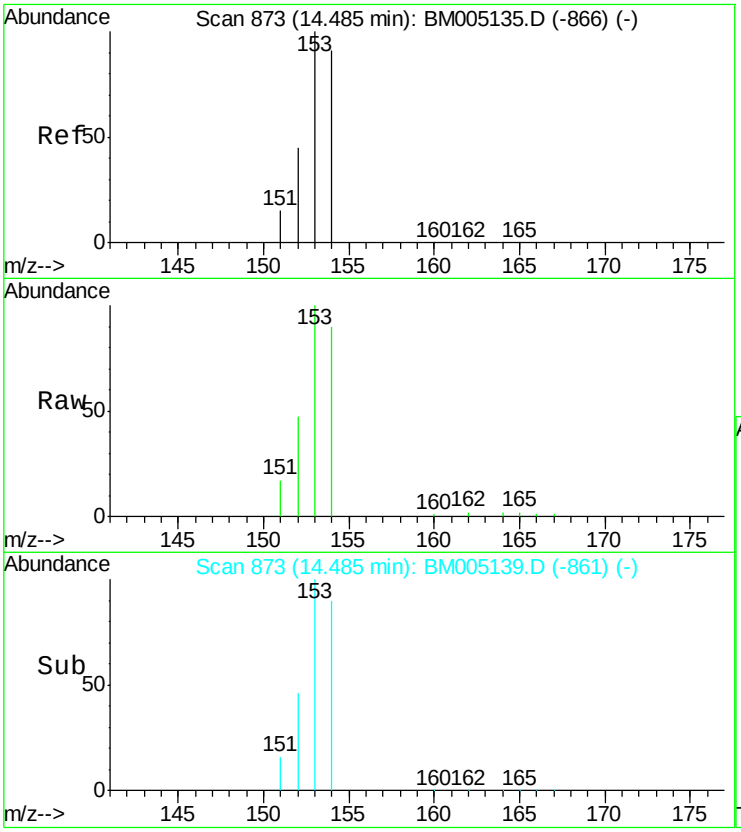


#9
Acenaphthylene
Concen: 0.41 ng/ul
RT: 14.14 min Scan# 853
Delta R.T. 0.00 min
Lab File: BM005139.D
Acq: 29 Apr 2016 11:50

Tgt Ion:152 Resp: 6836

Ion	Ratio	Lower	Upper
152	100		
151	19.6	17.6	26.4
153	14.4	9.7	14.5

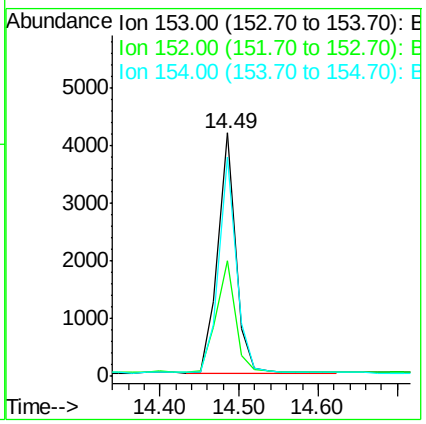




#10
Acenaphthene
Concen: 0.48 ng/ul
RT: 14.49 min Scan# 873
Delta R.T. 0.00 min
Lab File: BM005139.D
Acq: 29 Apr 2016 11:50

Tgt Ion:153 Resp: 6562

Ion	Ratio	Lower	Upper
153	100		
152	47.5	33.9	50.9
154	90.0	80.6	121.0



Instrument :
BNA_M
ClientSampleId :
X2391

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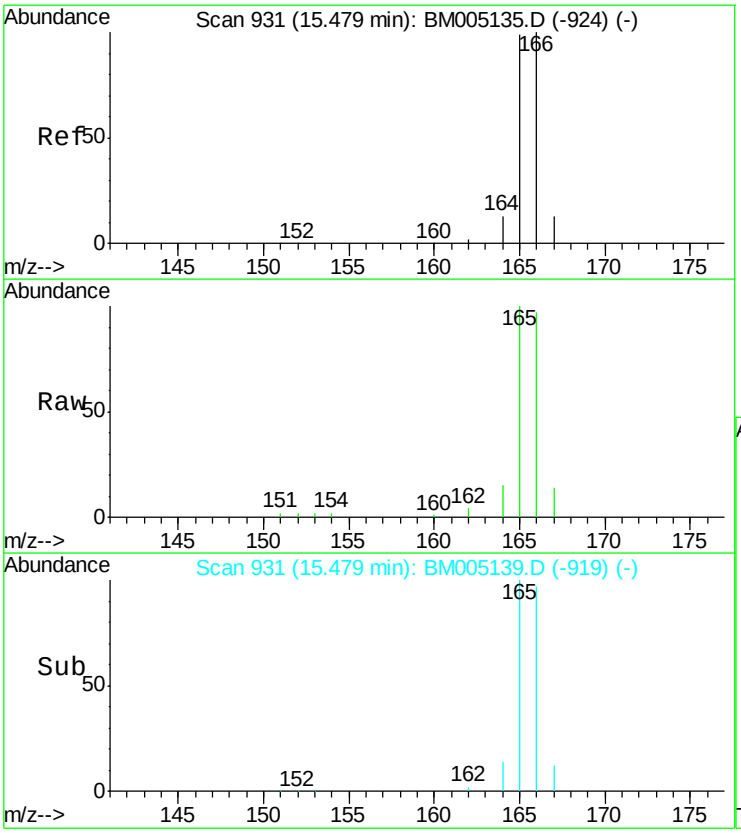
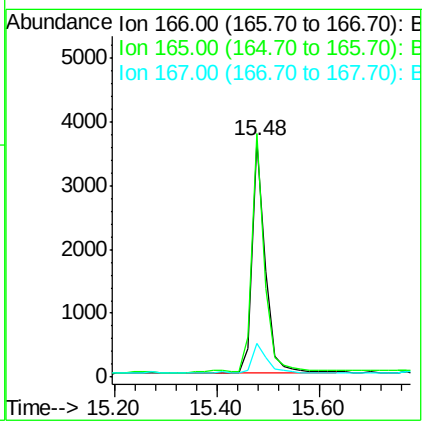
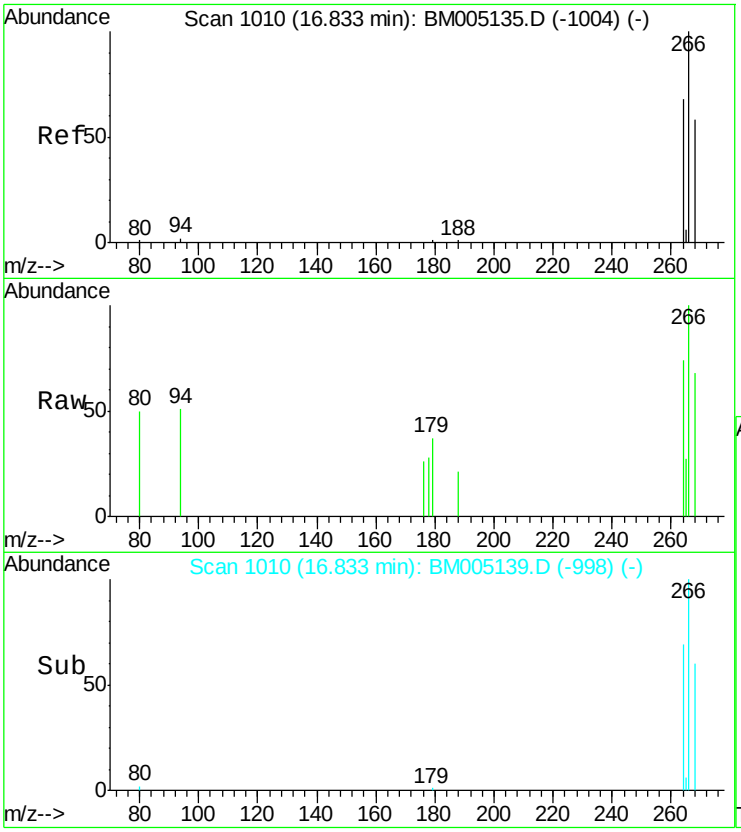


#11
Fluorene
Concen: 0.43 ng/ul
RT: 15.48 min Scan# 931
Delta R.T. 0.00 min
Lab File: BM005139.D
Acq: 29 Apr 2016 11:50

Tgt Ion:166 Resp: 6406

Ion	Ratio	Lower	Upper
166	100		
165	103.2	69.6	104.4
167	14.4	11.9	17.9





#13
Pentachlorophenol
Concen: 0.41 ng/ul
RT: 16.83 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BM005139.D
Acq: 29 Apr 2016 11:50

Tgt Ion:266 Resp: 448

Ion	Ratio	Lower	Upper
266	100		
264	62.3	51.8	77.8
268	67.0	46.8	70.2

Instrument :
BNA_M
ClientSampleId :
X2391

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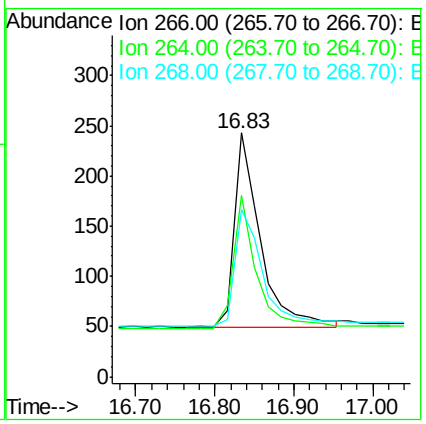
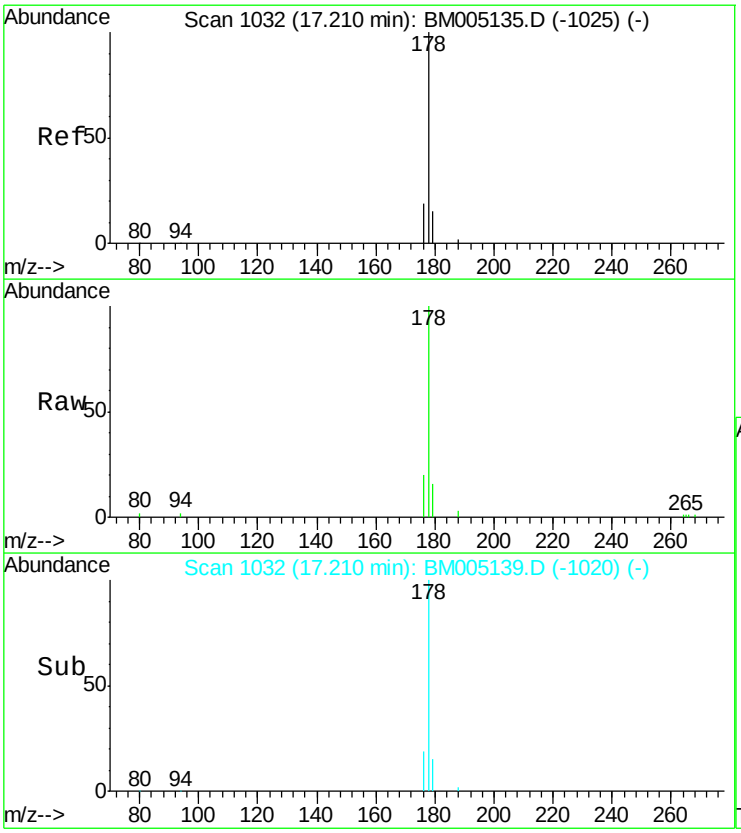
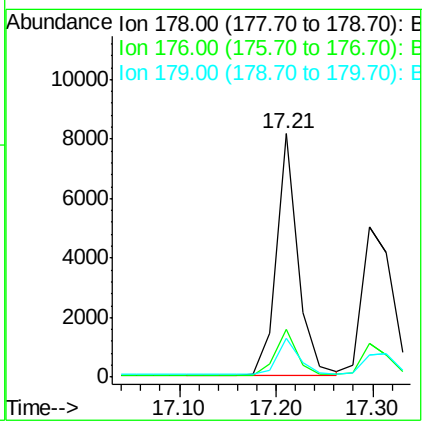


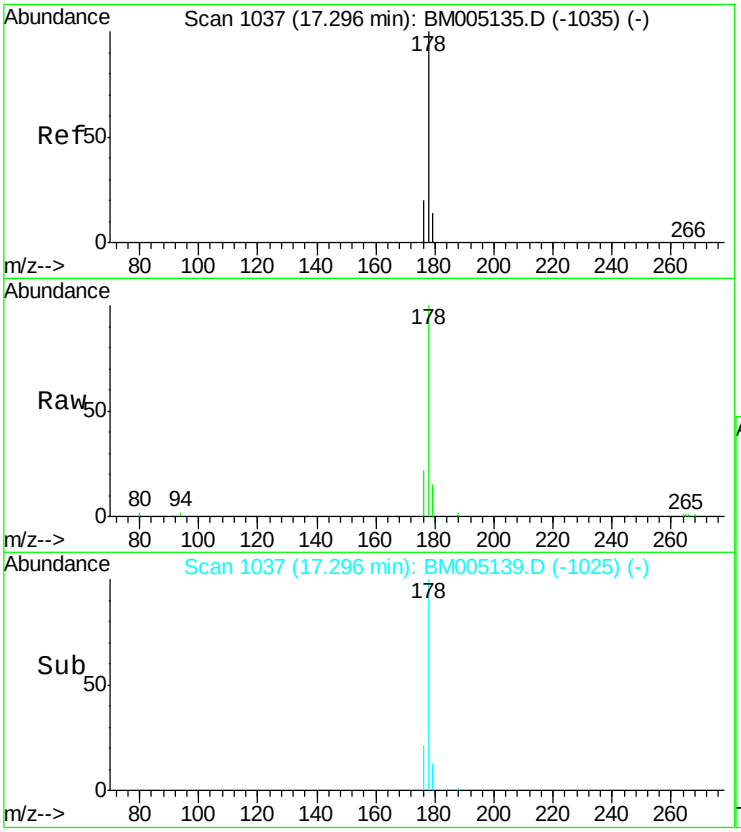


#14
Phenanthrene
Concen: 0.49 ng/ul
RT: 17.21 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BM005139.D
Acq: 29 Apr 2016 11:50

Tgt Ion:178 Resp: 12395

Ion	Ratio	Lower	Upper
178	100		
176	19.7	13.0	19.4#
179	15.8	14.2	21.2

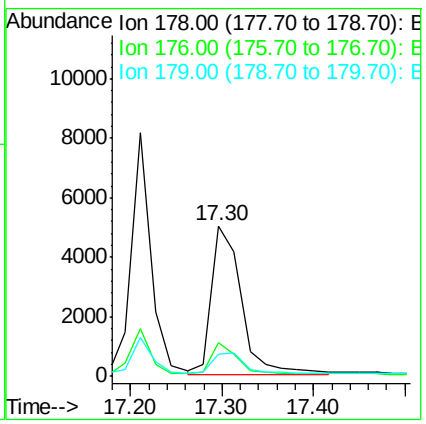




#15
Anthracene
Concen: 0.52 ng/ul m
RT: 17.30 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BM005139.D
Acq: 29 Apr 2016 11:50

Tgt Ion:178 Resp: 11419

Ion	Ratio	Lower	Upper
178	100		
176	22.0	14.0	21.0#
179	14.9	12.9	19.3



Instrument :
BNA_M
ClientSampleId :
X2391

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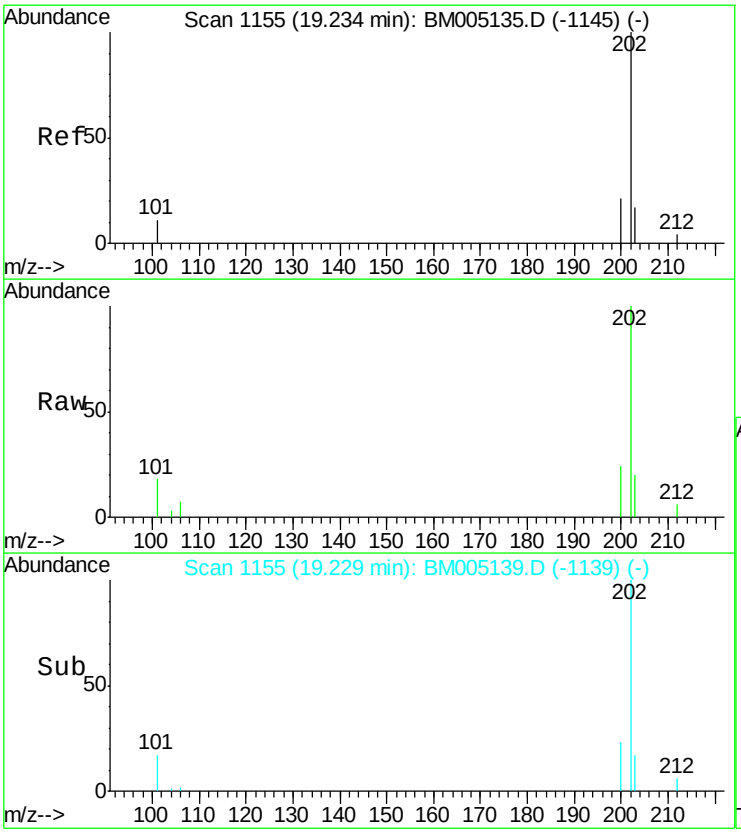
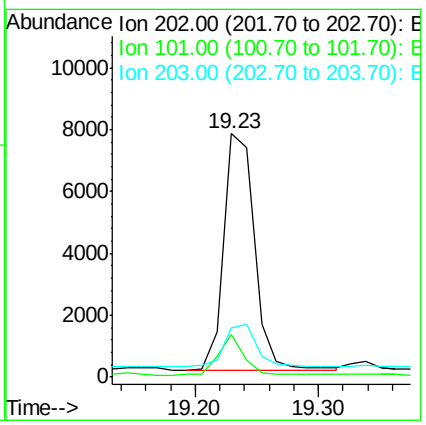
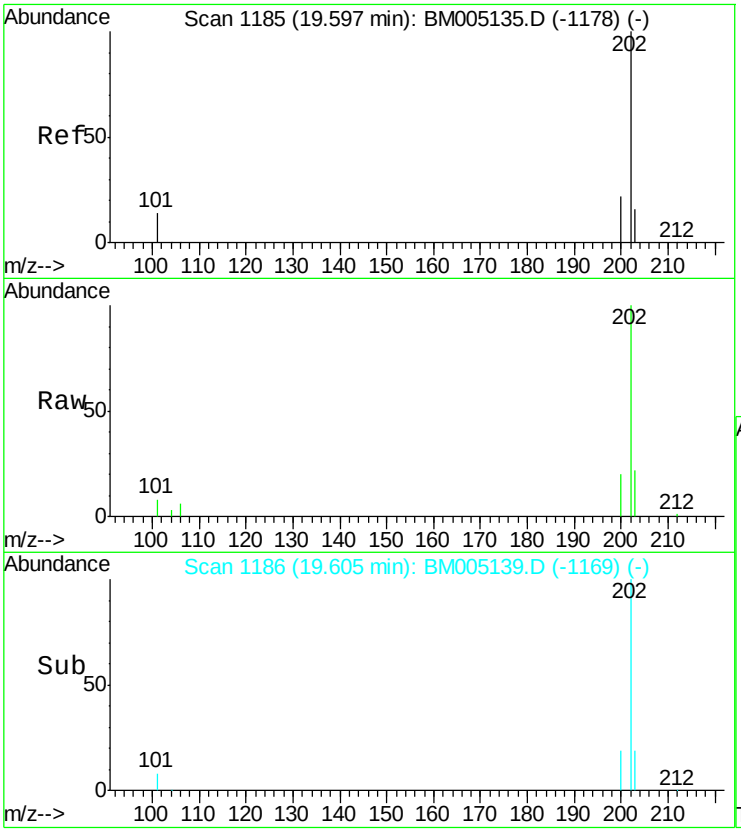


#17
Fluoranthene
Concen: 0.51 ng/ul
RT: 19.23 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BM005139.D
Acq: 29 Apr 2016 11:50

Tgt Ion:202 Resp: 13313

Ion	Ratio	Lower	Upper
202	100		
101	17.6	0.0	29.6
203	19.9	0.0	36.3





#19
Pyrene
Concen: 0.58 ng/ul
RT: 19.60 min Scan# 1186
Delta R.T. 0.01 min
Lab File: BM005139.D
Acq: 29 Apr 2016 11:50

Tgt Ion:202 Resp: 18095

Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.8	26.8
203	21.6	12.8	19.2#

Instrument :
BNA_M
ClientSampleId :
X2391

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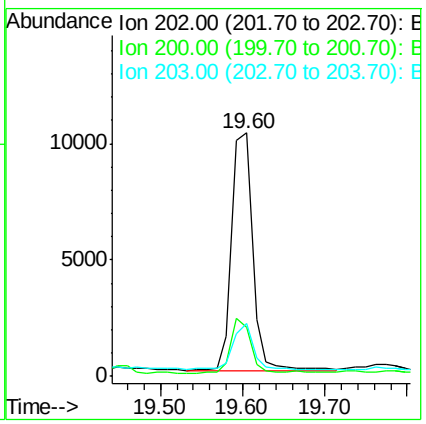
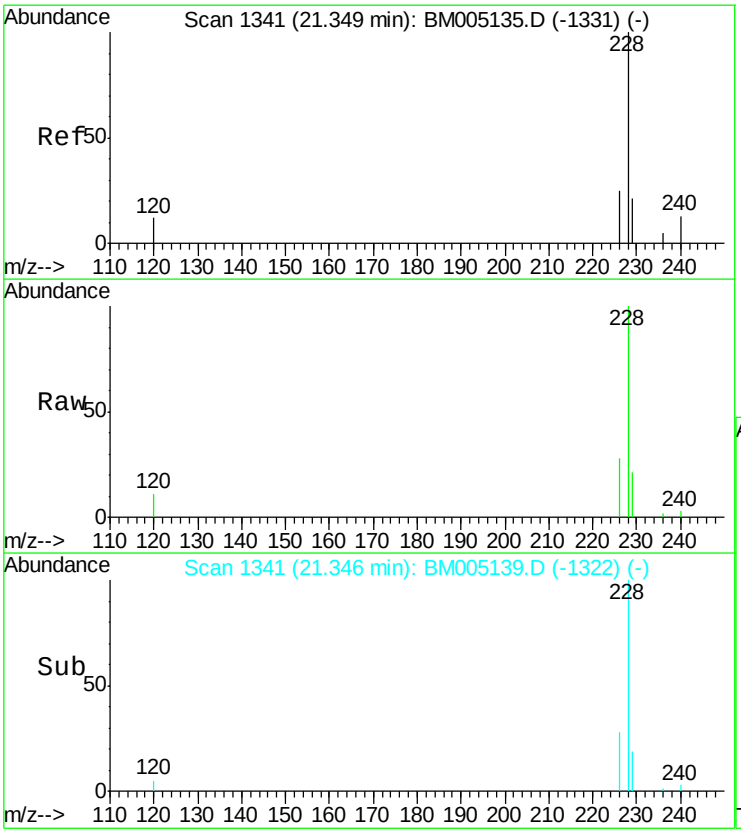
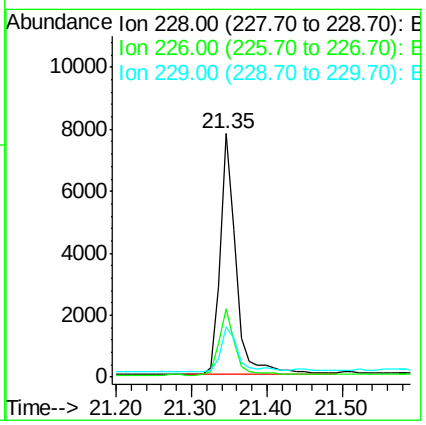


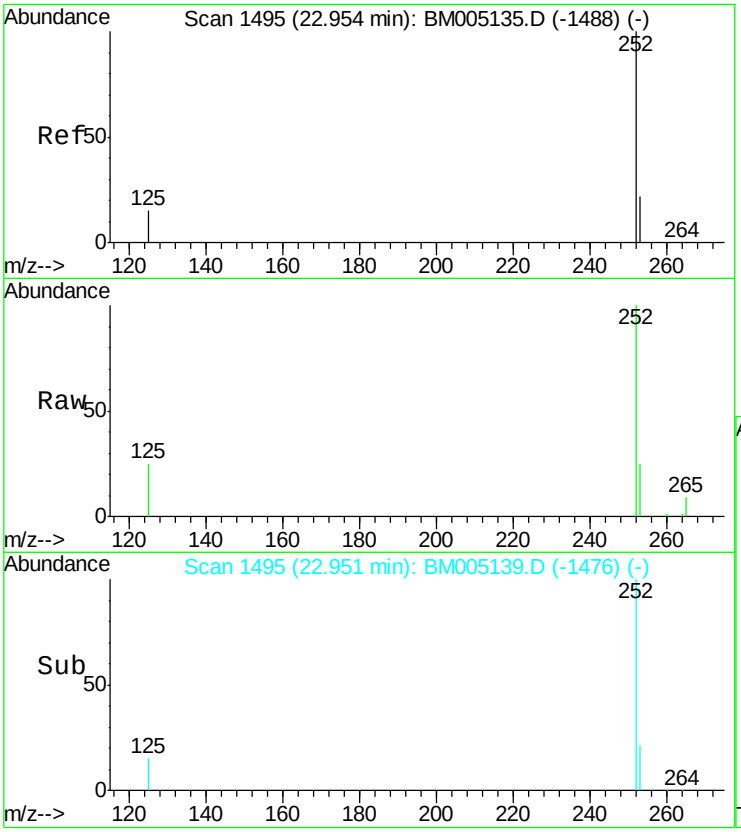


#20
Benzo(a)anthracene
Concen: 0.57 ng/ul
RT: 21.35 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BM005139.D
Acq: 29 Apr 2016 11:50

Tgt Ion:228 Resp: 11478

Ion	Ratio	Lower	Upper
228	100		
226	28.1	18.8	28.2
229	20.7	17.1	25.7

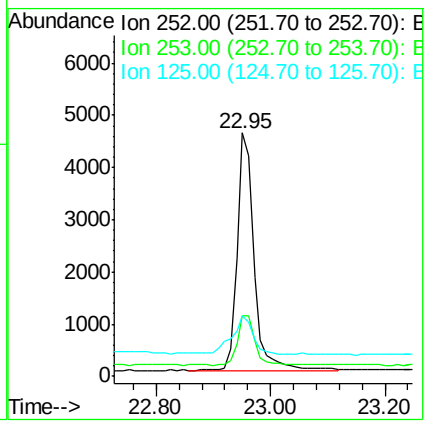




#23
Benzo(b)fluoranthene
Concen: 0.47 ng/ul
RT: 22.95 min Scan# 1495
Delta R.T. -0.00 min
Lab File: BM005139.D
Acq: 29 Apr 2016 11:50

Tgt Ion:252 Resp: 9211

Ion	Ratio	Lower	Upper
252	100		
253	24.7	0.0	45.4
125	24.7	0.0	28.8



Instrument :
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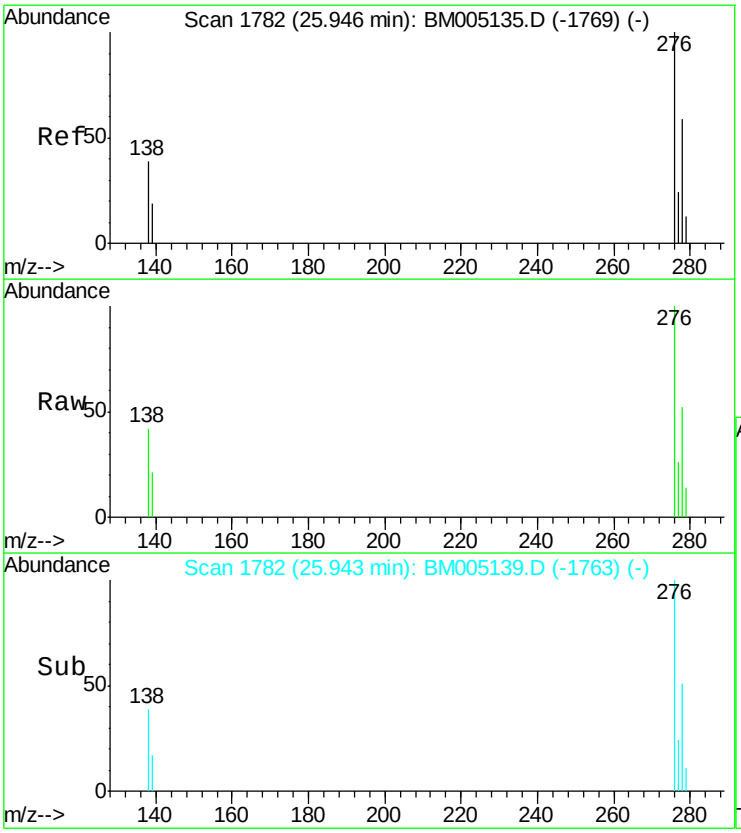
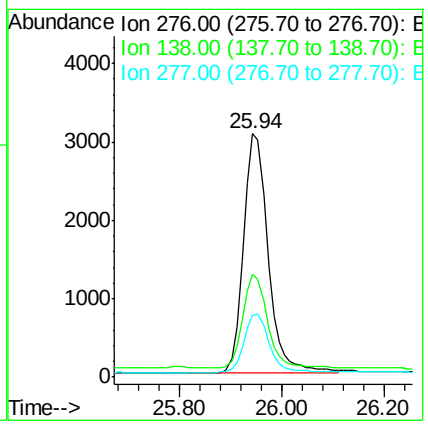
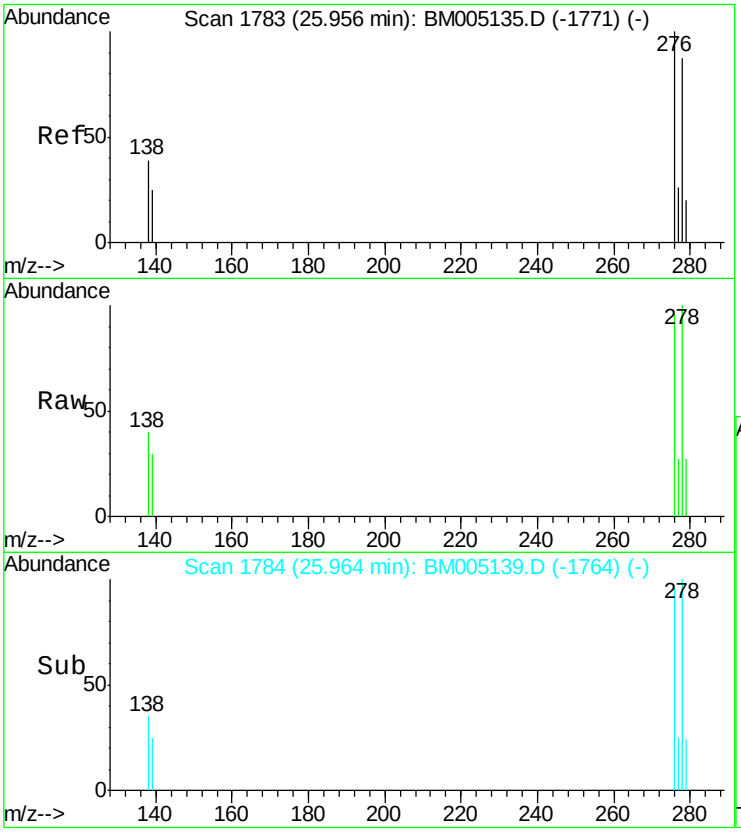


#26
Indeno(1,2,3-cd)pyrene
Concen: 0.59 ng/ul
RT: 25.94 min Scan# 1782
Delta R.T. -0.00 min
Lab File: BM005139.D
Acq: 29 Apr 2016 11:50

Tgt Ion:276 Resp: 10215

Ion	Ratio	Lower	Upper
276	100		
138	39.1	16.3	24.5#
277	24.7	19.8	29.8





#27
Dibenzo(a,h)anthracene
Concen: 0.57 ng/ul
RT: 25.96 min Scan# 1784
Delta R.T. 0.01 min
Lab File: BM005139.D
Acq: 29 Apr 2016 11:50

Instrument :
BNA_M
ClientSampleId :
X2391

Manual Integrations APPROVED
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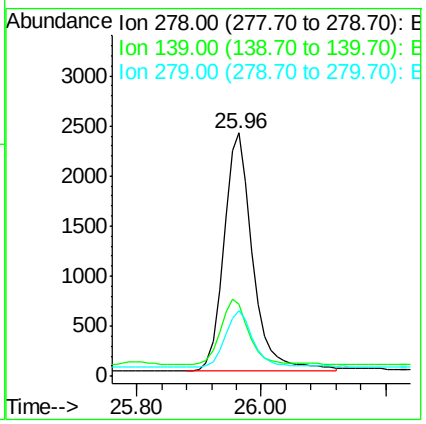
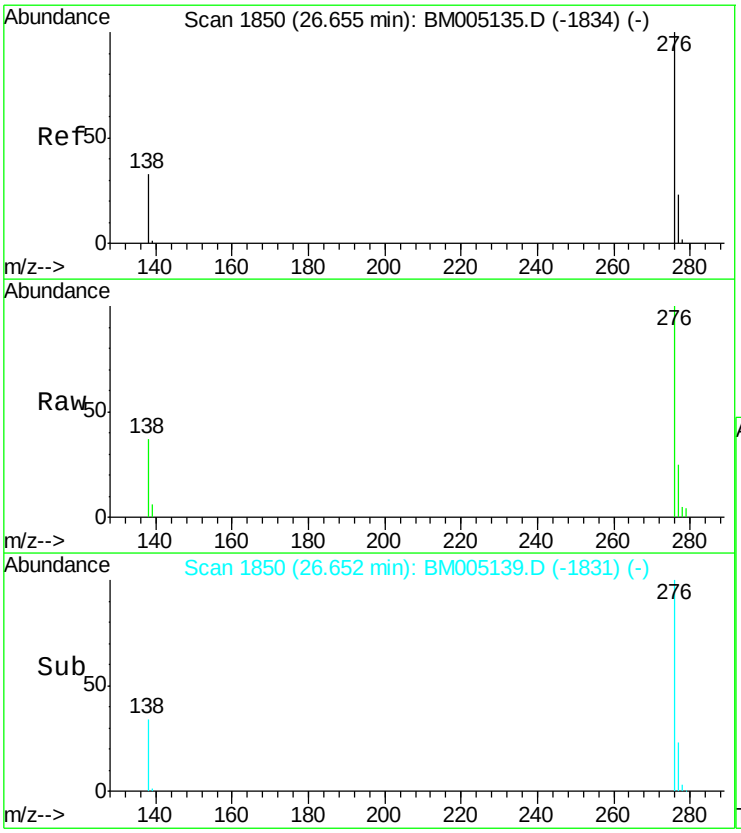
Tgt Ion:278 Resp: 7623

Ion	Ratio	Lower	Upper
278	100		
139	29.5	16.4	24.6#
279	26.8	20.2	30.2





#28
Benzo(g,h,i)perylene
Concen: 0.52 ng/ul
RT: 26.65 min Scan# 1850
Delta R.T. -0.00 min
Lab File: BM005139.D
Acq: 29 Apr 2016 11:50

Tgt Ion:276 Resp: 8218

Ion	Ratio	Lower	Upper
276	100		
277	25.2	18.9	28.3
138	37.1	22.5	33.7#