Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032516\
Data File : BM004797.D
Acq On : 26 Mar 2016 03:34
Operator : UM/SJ
Sample : H1909-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4T50

Manual Integrations APPROVED
Sohil
4/6/2016 1:29:05 PM

Quant Time: Apr 11 14:48:20 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 18:29:16 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1014	0.40	ng/ul	0.00
4) Naphthalene-d8	10.62	136	4890	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.45	164	3028	0.40	ng/ul	-0.02
12) Phenanthrene-d10	17.19	188	6905m	0.40	ng/ul	-0.02
18) Chrysene-d12	21.39	240	7016	0.40	ng/ul	-0.01
22) Perylene-d12	23.68	264	6618m	0.40	ng/ul	-0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.32	96	5443	11.91	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.20	152	2617	0.38	ng/ul	0.00
16) Fluoranthene-d10	19.23	212	6506	0.40	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.67	128	674	0.06	ng/ul#	70
7) 2-Methylnaphthalene	12.28	142	250	0.03	ng/ul	99
9) Acenaphthylene	14.18	152	1141	0.08	ng/ul#	89
10) Acenaphthene	14.52	153	919	0.09	ng/ul#	89
11) Fluorene	15.51	166	1114	0.09	ng/ul#	88
14) Phenanthrene	17.24	178	23170	1.19	ng/ul	97
15) Anthracene	17.33	178	5323	0.29	ng/ul	96
17) Fluoranthene	19.27	202	36739	1.66	ng/ul	93
19) Pyrene	19.63	202	36272	1.51	ng/ul	95
20) Benzo(a)anthracene	21.37	228	19281	0.89	ng/ul#	93
21) Chrysene	21.42	228	19242	0.92	ng/ul	95
23) Benzo(b)fluoranthene	22.98	252	27226m	1.22	ng/ul	
24) Benzo(k)fluoranthene	23.02	252	8527m	0.41	ng/ul	
25) Benzo(a)pyrene	23.58	252	20892m	1.02	ng/ul	
26) Indeno(1,2,3-cd)pyrene	25.98	276	11134m	0.59	ng/ul	
27) Dibenzo(a,h)anthracene	25.99	278	2766m	0.19	ng/ul	
28) Benzo(g,h,i)perylene	26.70	276	9890m	0.63	ng/ul	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032516\
Data File : BM004797.D
Acq On : 26 Mar 2016 03:34
Operator : UM/SJ
Sample : H1909-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 11 14:48:20 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 18:29:16 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4T50

Manual Integrations APPROVED
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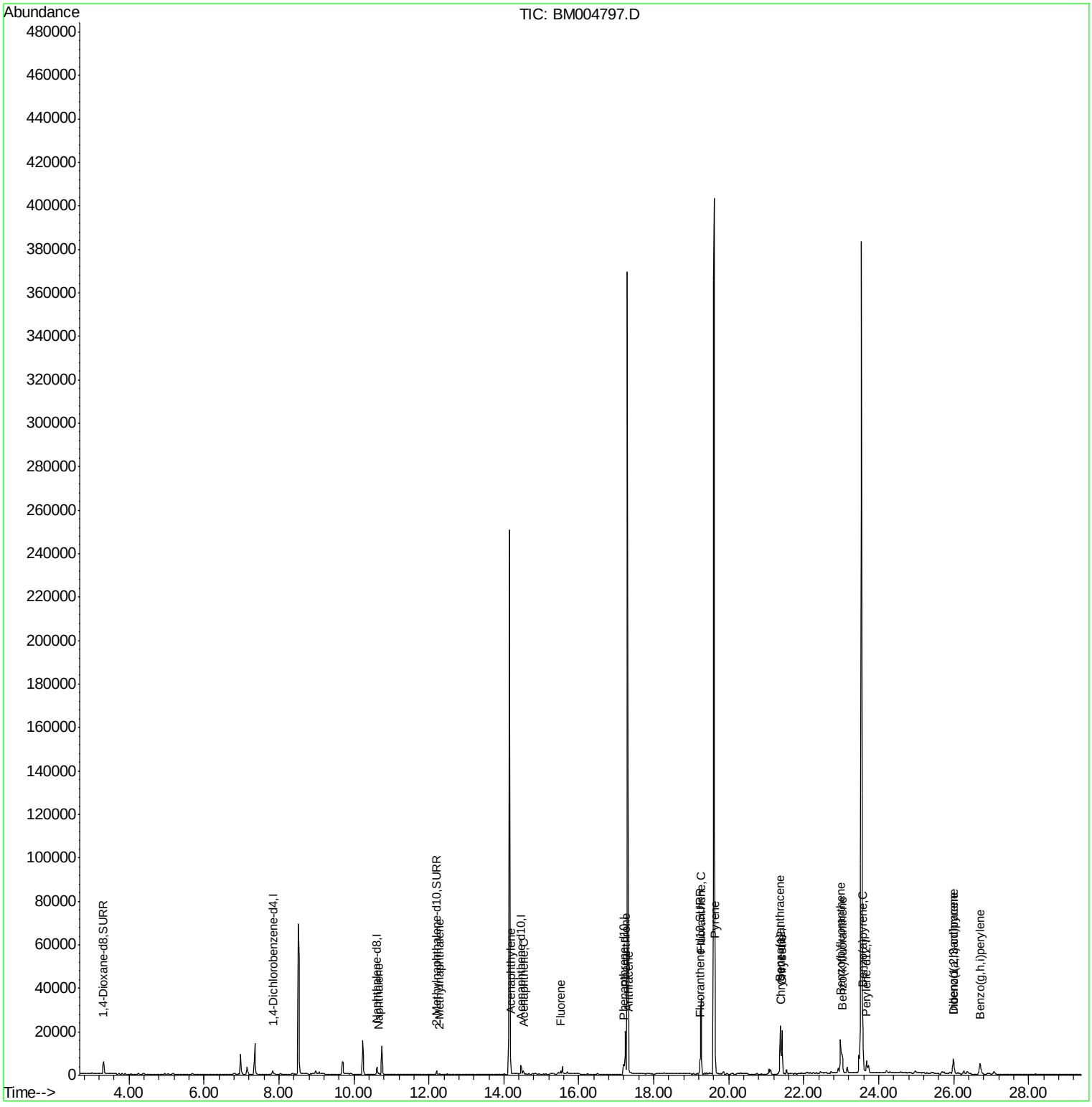
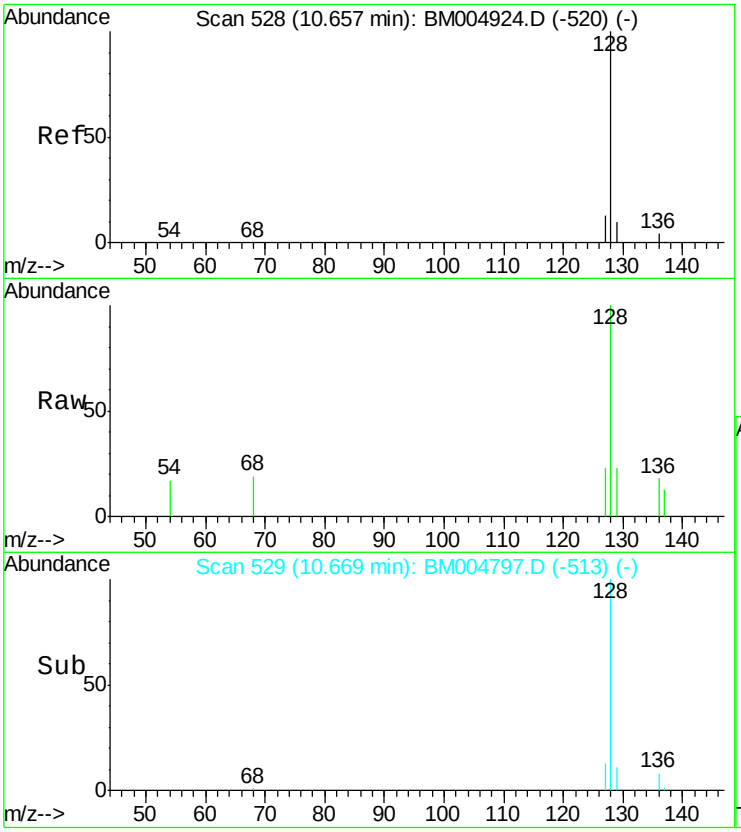
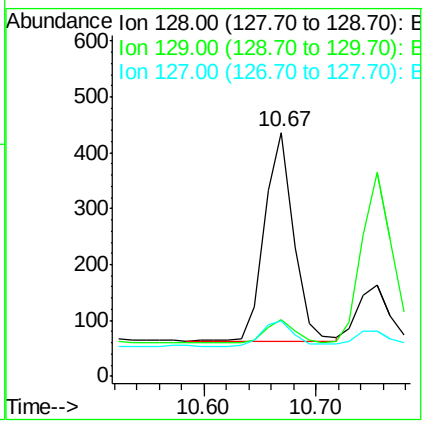




#5
Naphthalene
Concen: 0.06 ng/ul
RT: 10.67 min Scan# 529
Delta R.T. -0.00 min
Lab File: BM004797.D
Acq: 26 Mar 2016 03:34

Tgt Ion:128 Resp: 674

Ion	Ratio	Lower	Upper
128	100		
129	23.4	9.0	13.6#
127	22.9	9.6	14.4#



Instrument :
BNA_M
ClientSampleId :
A4T50

Manual Integrations APPROVED
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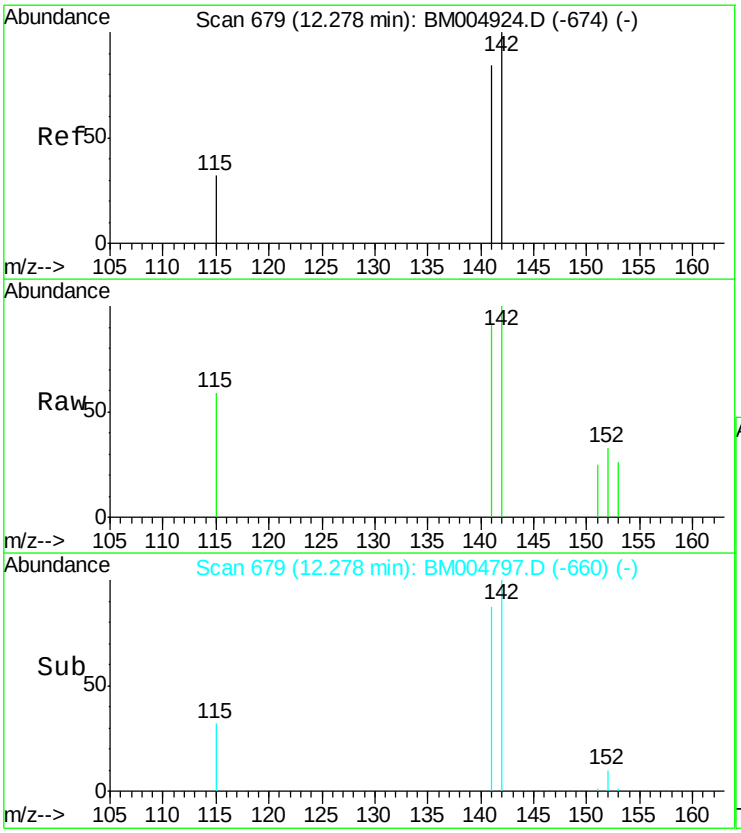
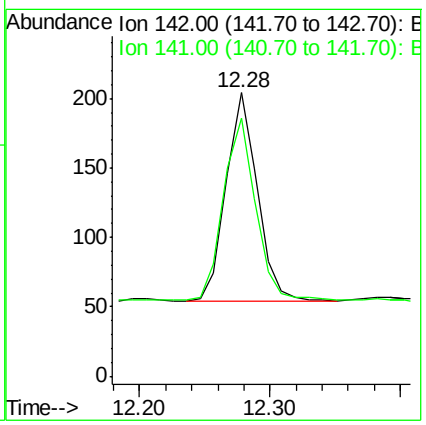
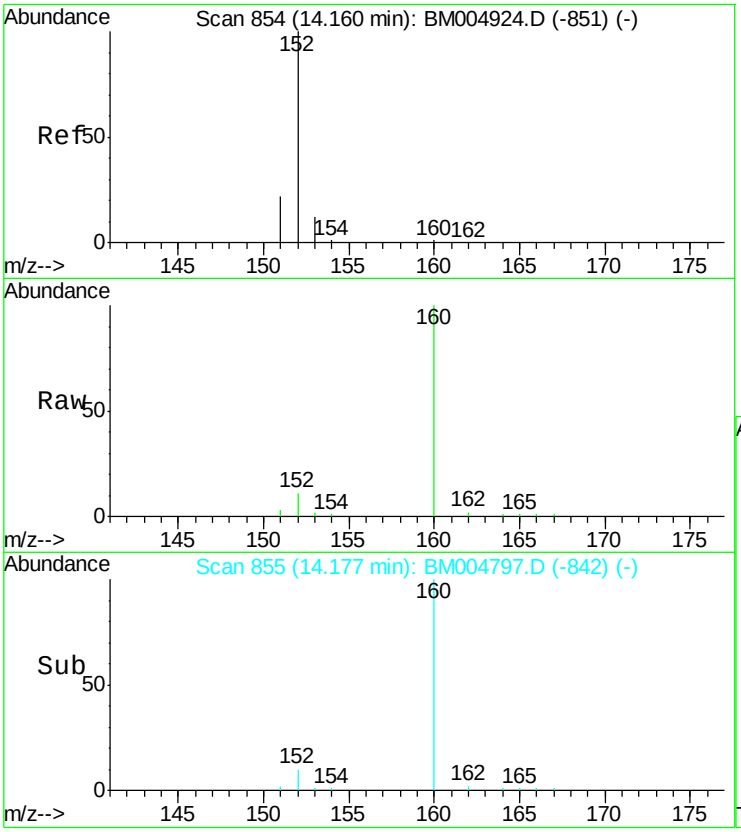


#7
2-Methylnaphthalene
Concen: 0.03 ng/ul
RT: 12.28 min Scan# 679
Delta R.T. -0.00 min
Lab File: BM004797.D
Acq: 26 Mar 2016 03:34

Tgt Ion:142 Resp: 250

Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.3	105.5

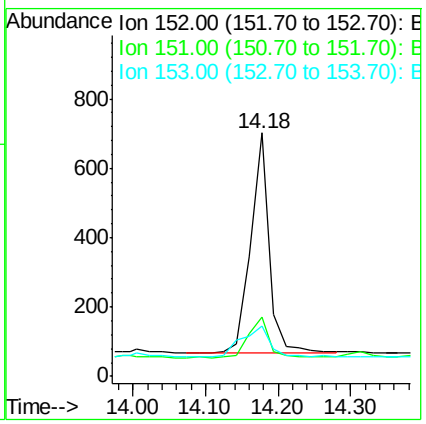




#9
Acenaphthylene
Concen: 0.08 ng/ul
RT: 14.18 min Scan# 855
Delta R.T. -0.00 min
Lab File: BM004797.D
Acq: 26 Mar 2016 03:34

Tgt Ion:152 Resp: 1141

Ion	Ratio	Lower	Upper
152	100		
151	24.5	17.6	26.4
153	20.8	9.7	14.5#



Instrument :
BNA_M
ClientSampleId :
A4T50

Manual Integrations APPROVED
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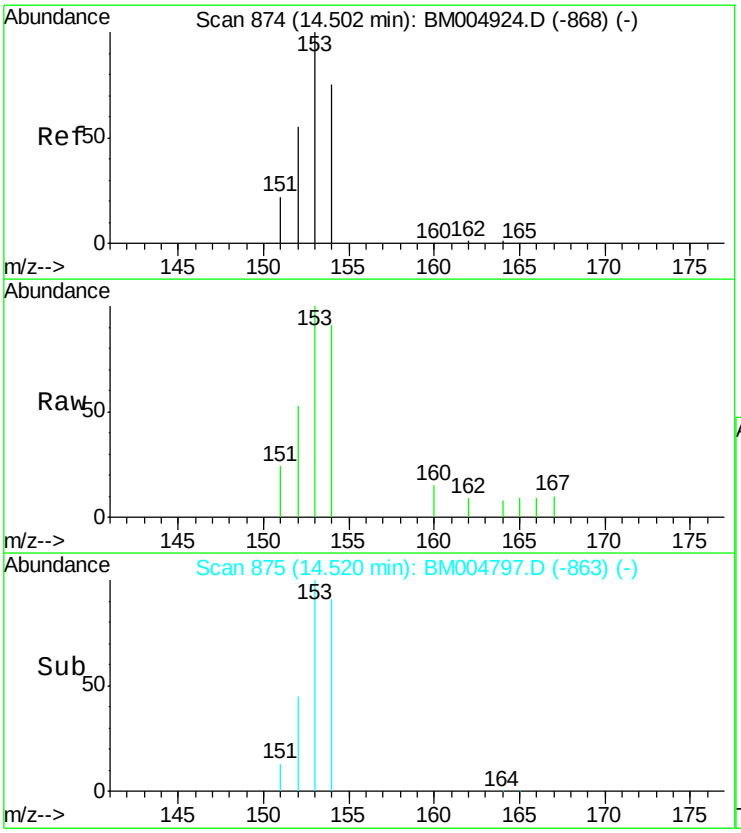
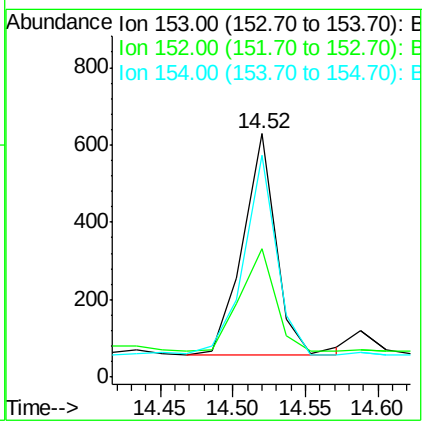
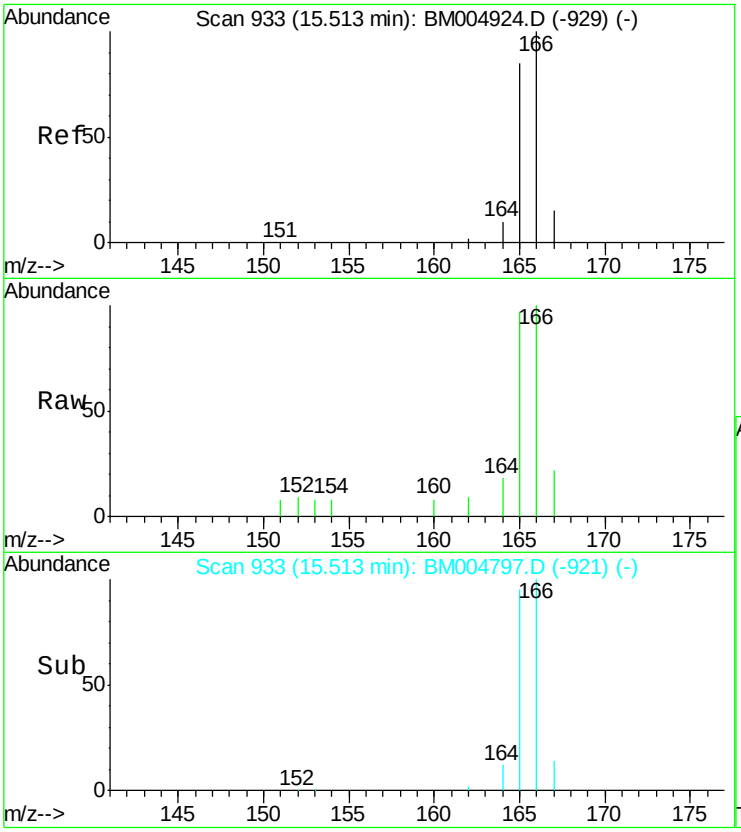


#10
Acenaphthene
Concen: 0.09 ng/ul
RT: 14.52 min Scan# 875
Delta R.T. -0.00 min
Lab File: BM004797.D
Acq: 26 Mar 2016 03:34

Tgt Ion:153 Resp: 919

Ion	Ratio	Lower	Upper
153	100		
152	52.6	33.9	50.9#
154	91.4	80.6	121.0

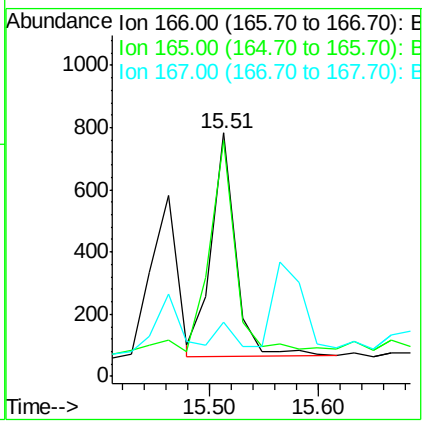




#11
Fluorene
Concen: 0.09 ng/ul
RT: 15.51 min Scan# 933
Delta R.T. -0.00 min
Lab File: BM004797.D
Acq: 26 Mar 2016 03:34

Tgt Ion:166 Resp: 1114

Ion	Ratio	Lower	Upper
166	100		
165	96.7	69.6	104.4
167	22.3	11.9	17.9#



Instrument :
BNA_M
ClientSampleId :
A4T50

Manual Integrations APPROVED
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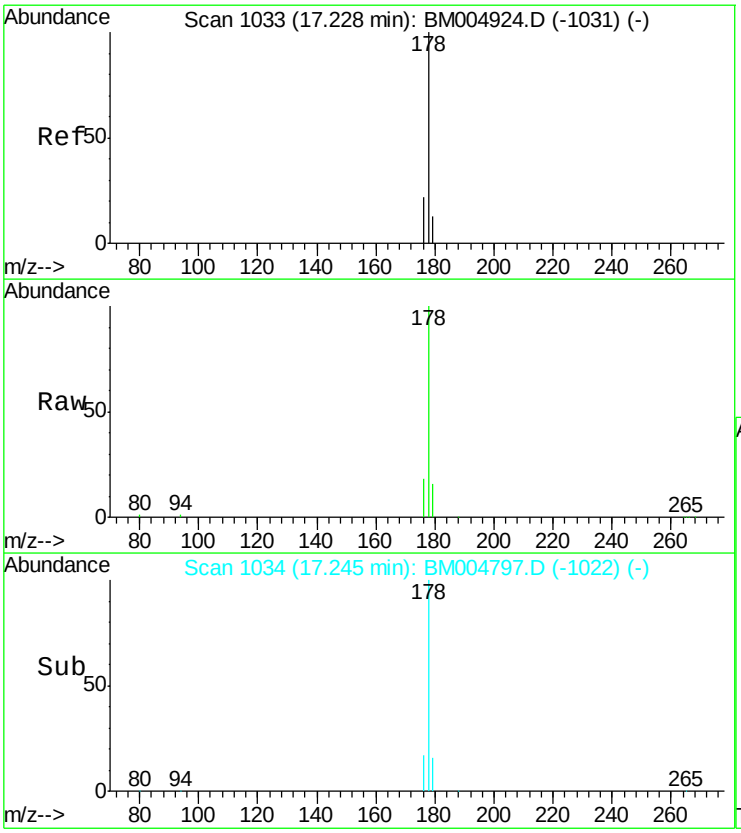
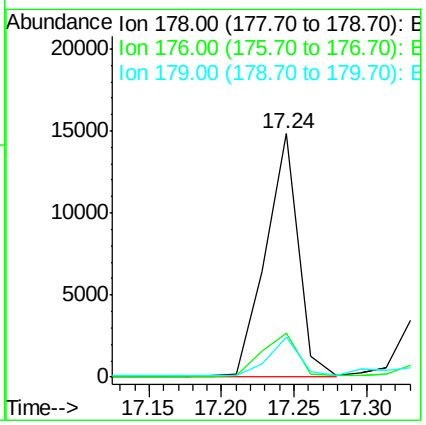
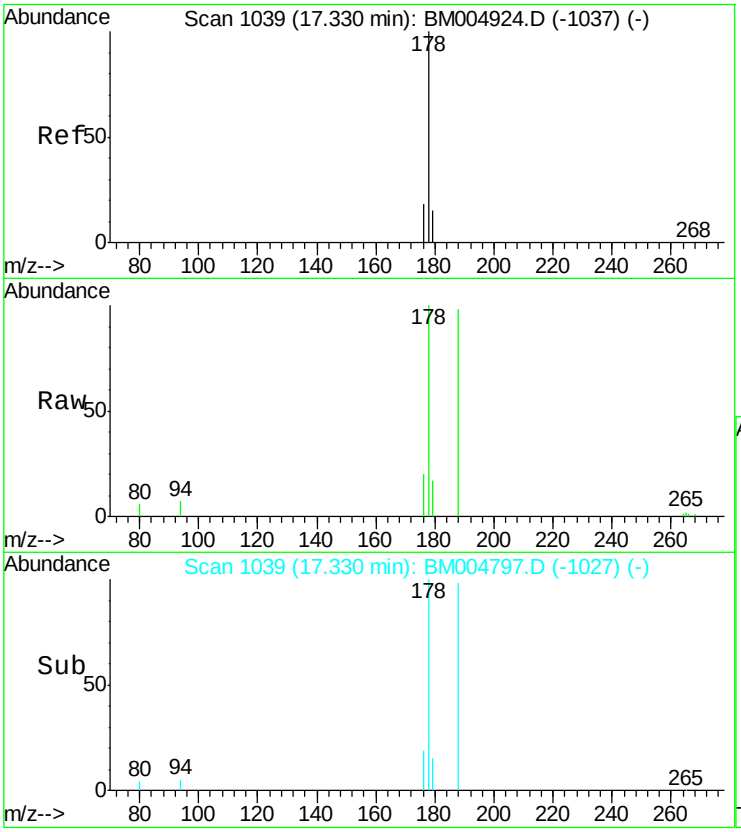


#14
Phenanthrene
Concen: 1.19 ng/ul
RT: 17.24 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BM004797.D
Acq: 26 Mar 2016 03:34

Tgt Ion:178 Resp: 23170

Ion	Ratio	Lower	Upper
178	100		
176	17.8	13.0	19.4
179	16.5	14.2	21.2

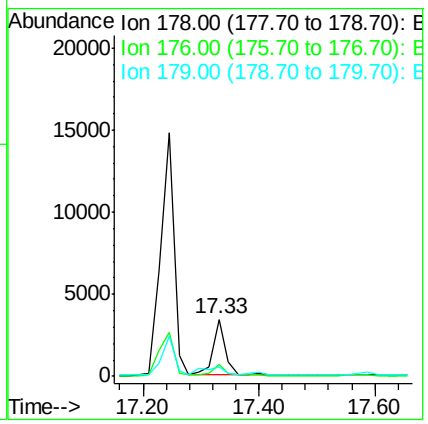




#15
Anthracene
Concen: 0.29 ng/ul
RT: 17.33 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BM004797.D
Acq: 26 Mar 2016 03:34

Tgt Ion:178 Resp: 5323

Ion	Ratio	Lower	Upper
178	100		
176	19.9	14.0	21.0
179	16.7	12.9	19.3



Instrument :
BNA_M
ClientSampleId :
A4T50

Manual Integrations APPROVED
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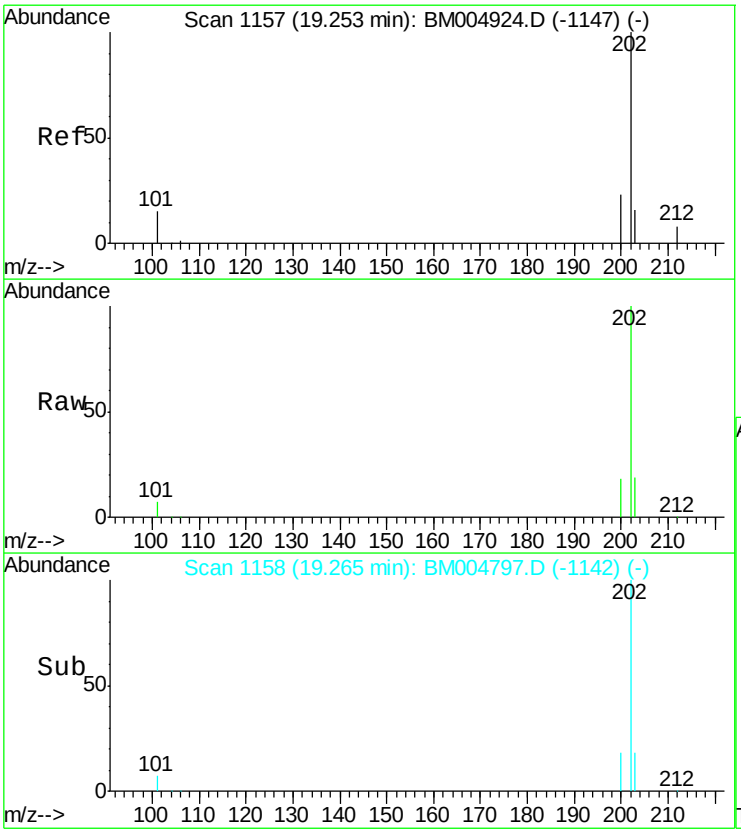
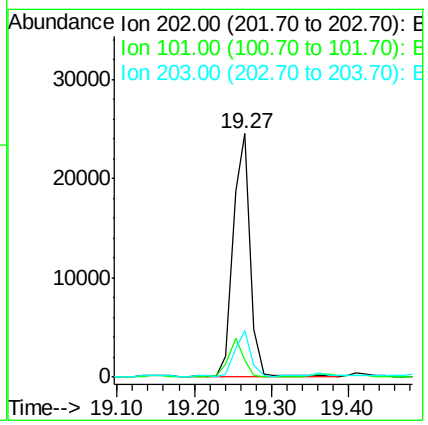
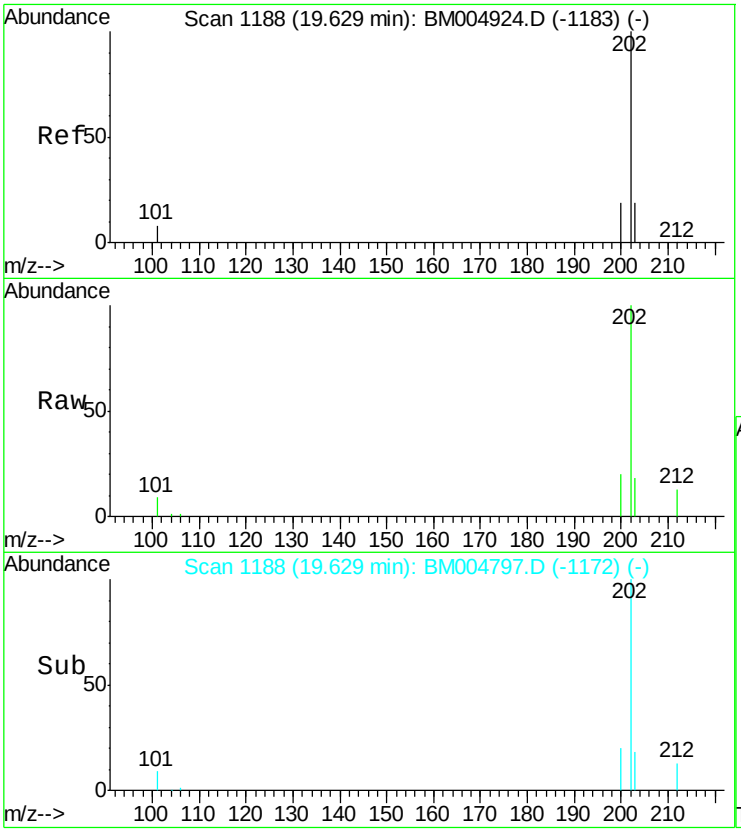


#17
Fluoranthene
Concen: 1.66 ng/ul
RT: 19.27 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BM004797.D
Acq: 26 Mar 2016 03:34

Tgt Ion:202 Resp: 36739

Ion	Ratio	Lower	Upper
202	100		
101	6.9	0.0	29.6
203	19.0	0.0	36.3





#19
Pyrene
Concen: 1.51 ng/ul
RT: 19.63 min Scan# 1188
Delta R.T. -0.00 min
Lab File: BM004797.D
Acq: 26 Mar 2016 03:34

Tgt Ion:202 Resp: 36272

Ion	Ratio	Lower	Upper
202	100		
200	19.7	17.8	26.8
203	18.3	12.8	19.2

Instrument :
BNA_M
ClientSampleId :
A4T50

Manual Integrations APPROVED
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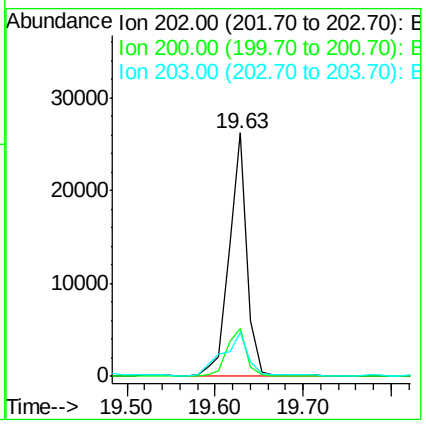
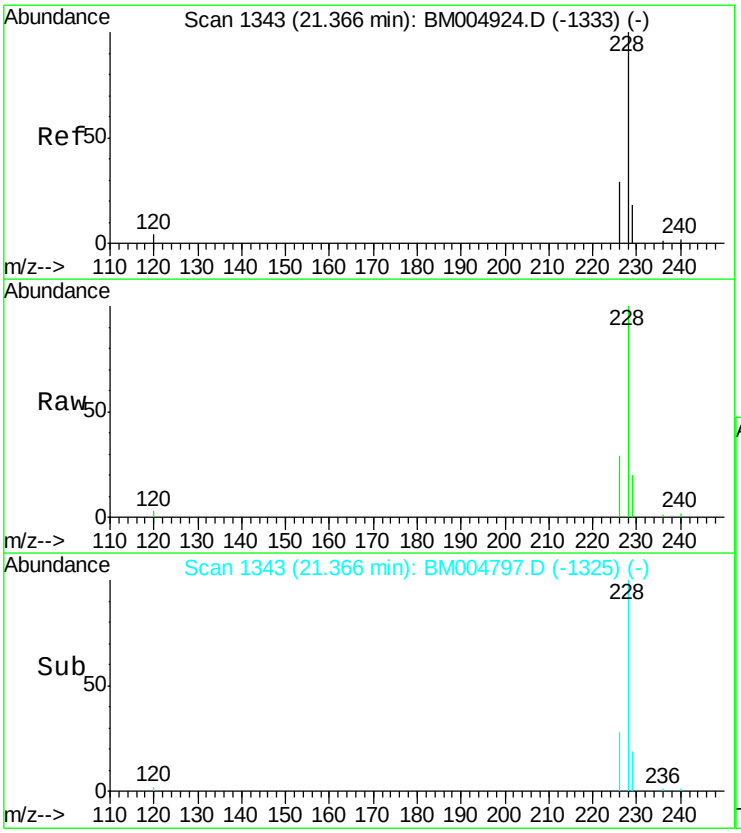
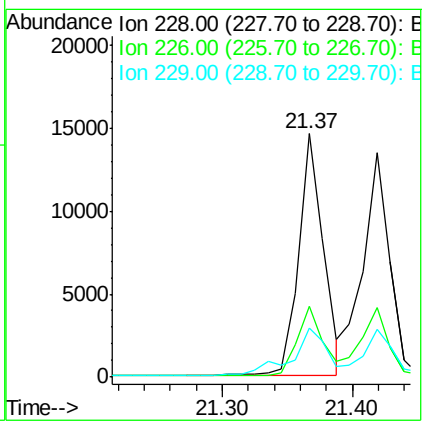


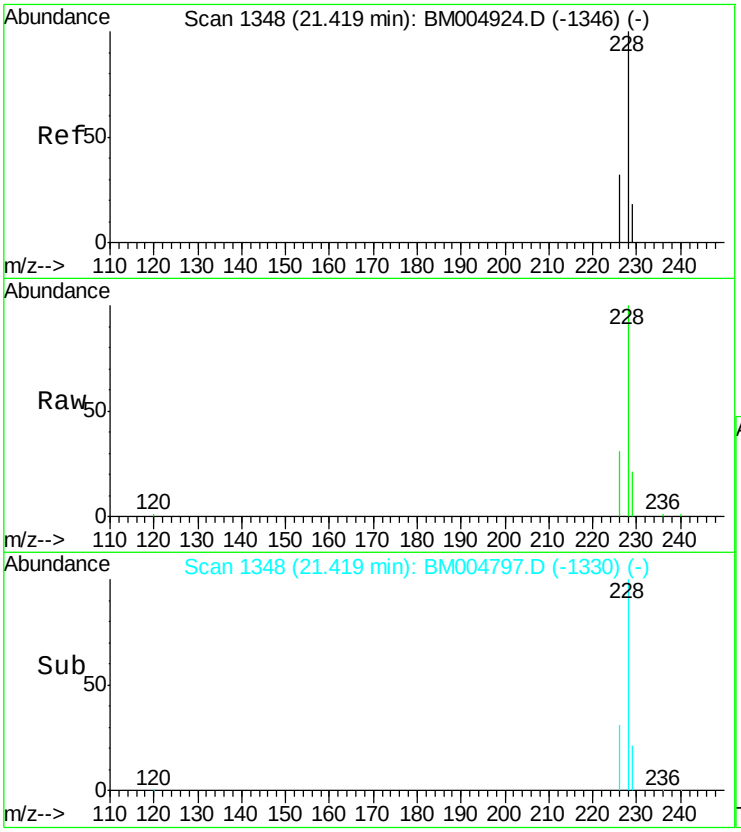


#20
Benzo(a)anthracene
Concen: 0.89 ng/ul
RT: 21.37 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BM004797.D
Acq: 26 Mar 2016 03:34

Tgt Ion:228 Resp: 19281

Ion	Ratio	Lower	Upper
228	100		
226	29.0	18.8	28.2#
229	20.0	17.1	25.7

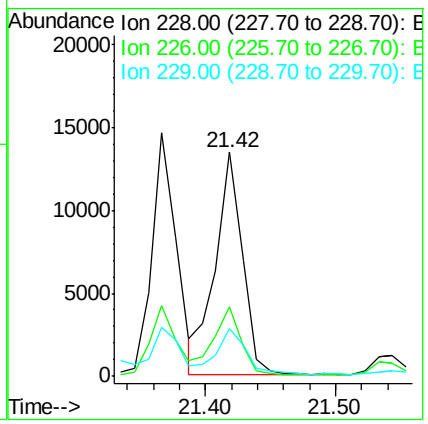




#21
Chrysene
Concen: 0.92 ng/ul
RT: 21.42 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BM004797.D
Acq: 26 Mar 2016 03:34

Tgt Ion:228 Resp: 19242

Ion	Ratio	Lower	Upper
228	100		
226	30.9	21.2	31.8
229	21.3	17.0	25.6



Instrument :
BNA_M
ClientSampleId :
A4T50

Manual Integrations APPROVED
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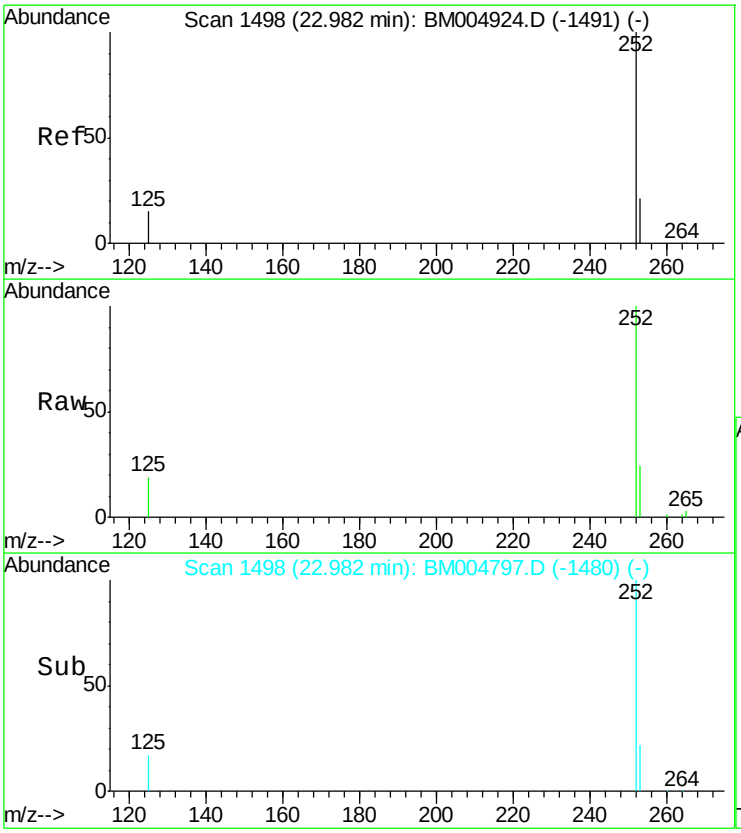
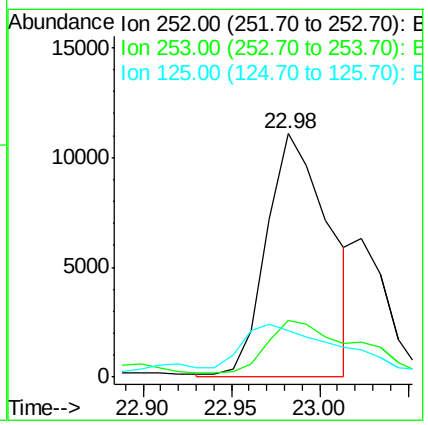
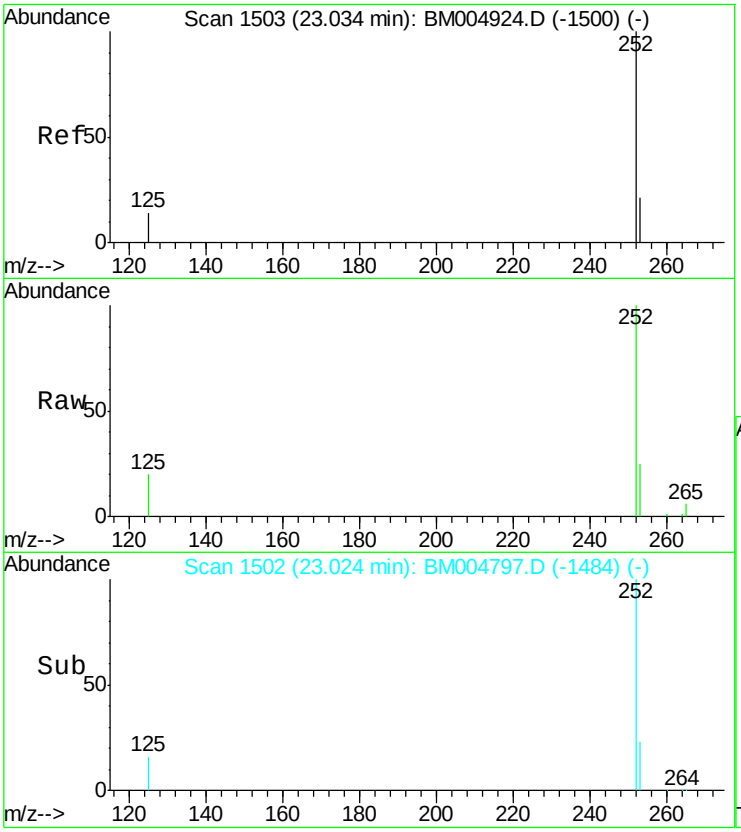


#23
Benzo(b)fluoranthene
Concen: 1.22 ng/ul m
RT: 22.98 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BM004797.D
Acq: 26 Mar 2016 03:34

Tgt Ion:252 Resp: 27226

Ion	Ratio	Lower	Upper
252	100		
253	23.5	0.0	45.4
125	19.2	0.0	28.8

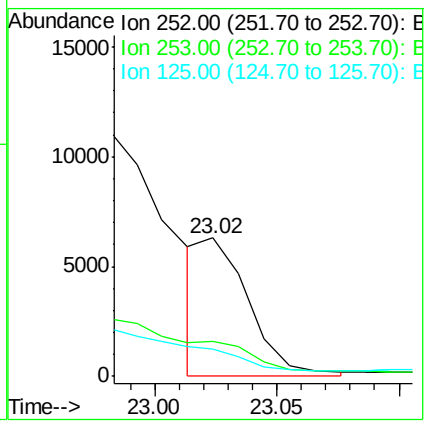




#24
Benzo(k)fluoranthene
Concen: 0.41 ng/ul m
RT: 23.02 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BM004797.D
Acq: 26 Mar 2016 03:34

Tgt Ion:252 Resp: 8527

Ion	Ratio	Lower	Upper
252	100		
253	24.9	19.8	29.8
125	19.6	10.4	15.6#



Instrument :
BNA_M
ClientSampleId :
A4T50

Manual Integrations APPROVED
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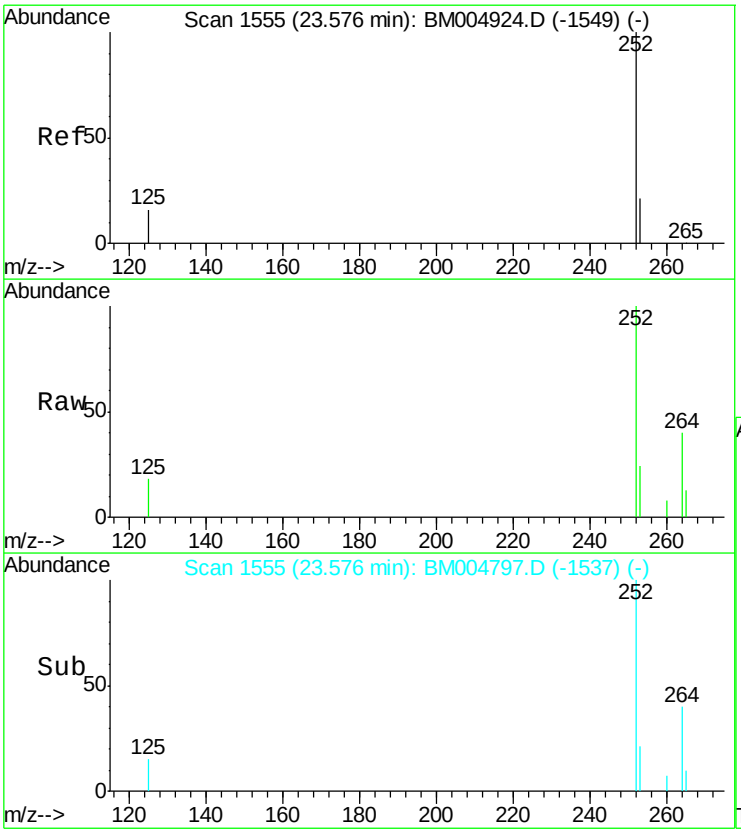
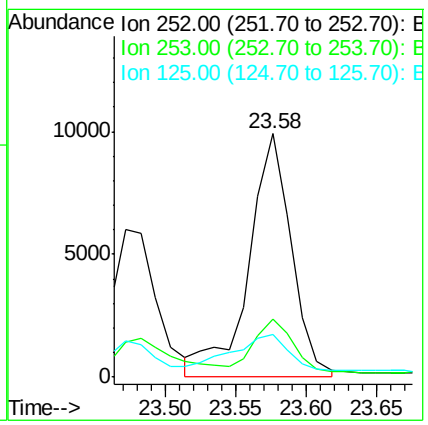
4/6/2016 1:29:05 PM

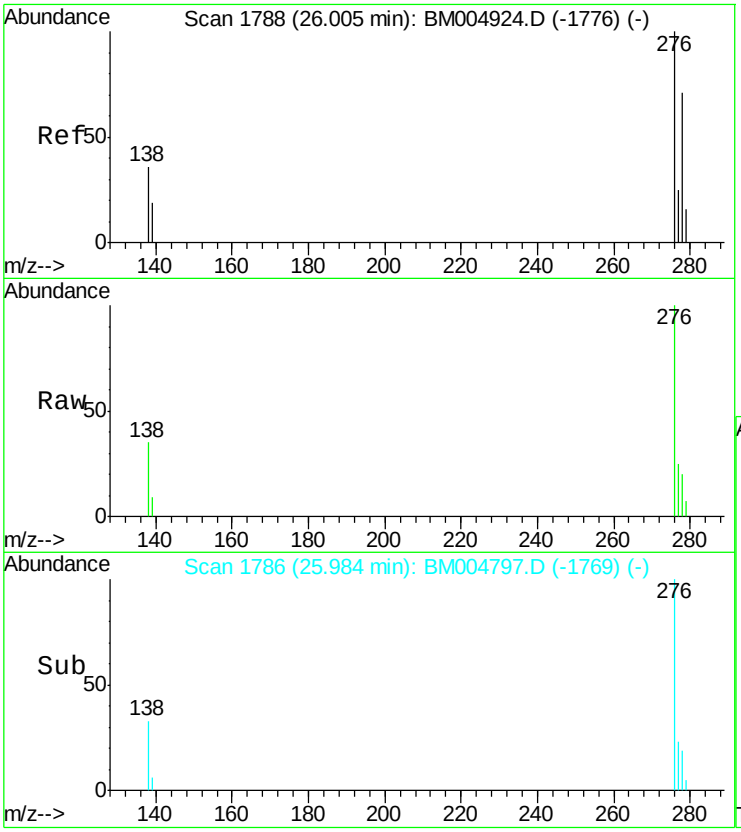


#25
Benzo(a)pyrene
Concen: 1.02 ng/ul m
RT: 23.58 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BM004797.D
Acq: 26 Mar 2016 03:34

Tgt Ion:252 Resp: 20892

Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.4	29.2
125	17.5	12.7	19.1





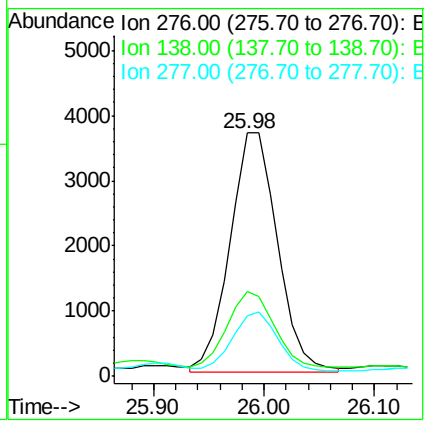
#26
Indeno(1,2,3-cd)pyrene
Concen: 0.59 ng/ul m
RT: 25.98 min Scan# 1786
Delta R.T. -0.02 min
Lab File: BM004797.D
Acq: 26 Mar 2016 03:34

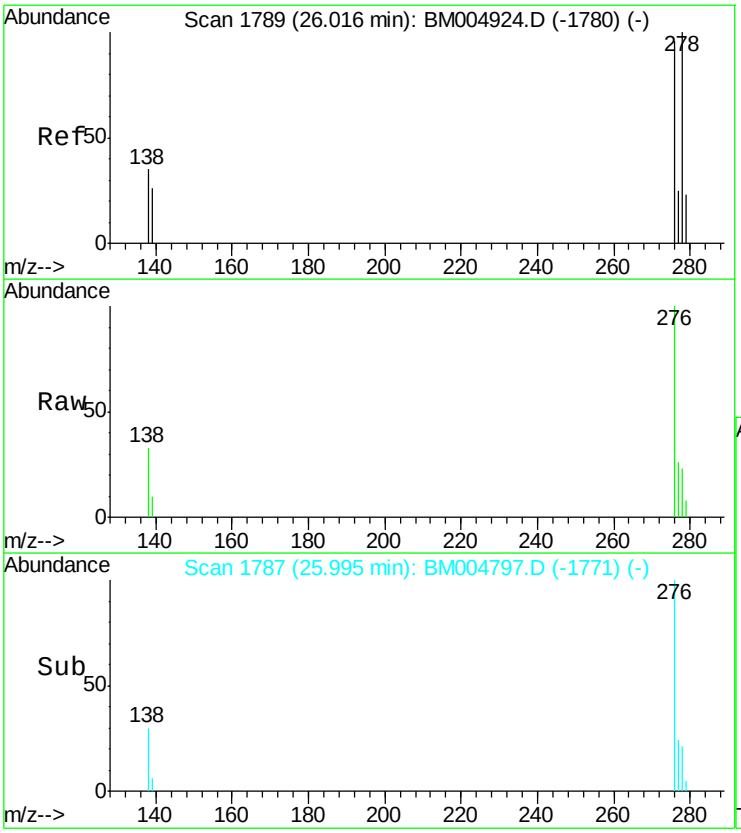
Tgt Ion:276 Resp: 11134

Ion	Ratio	Lower	Upper
276	100		
138	2.3	16.3	24.5#
277	3.9	19.8	29.8#

Instrument :
BNA_M
ClientSampleId :
A4T50

Manual Integrations APPROVED
Sohil
4/6/2016 1:29:05 PM

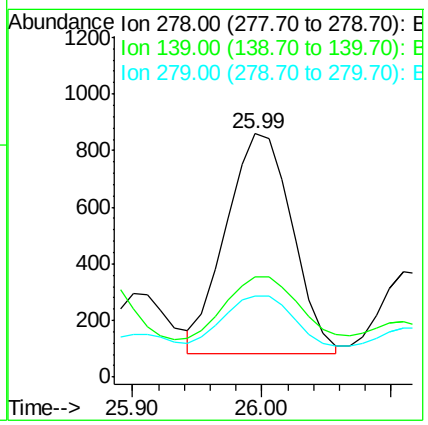


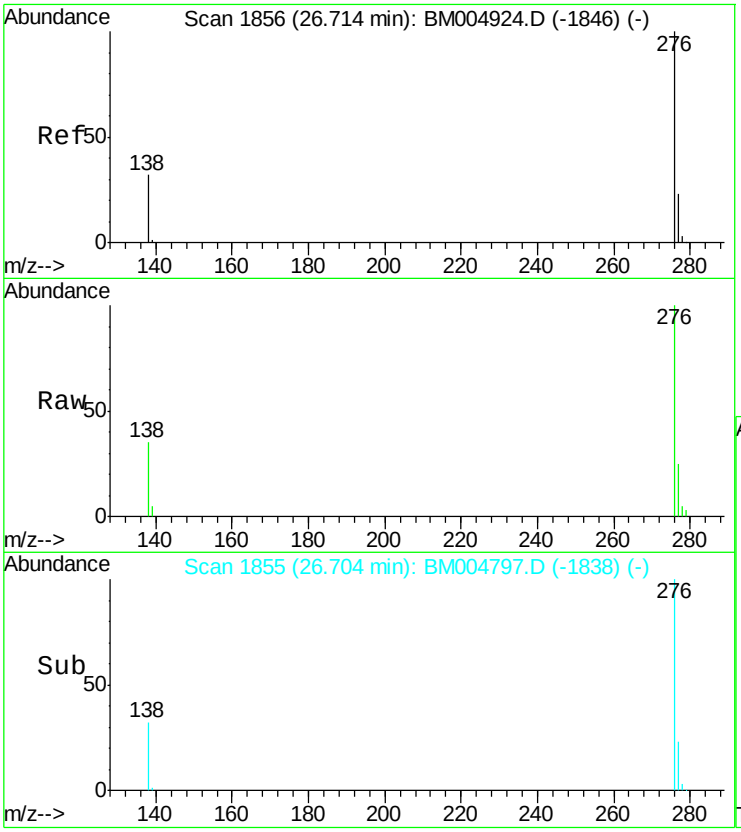


#27
Dibenzo(a,h)anthracene
Concen: 0.19 ng/ul m
RT: 25.99 min Scan# 1787
Delta R.T. -0.03 min
Lab File: BM004797.D
Acq: 26 Mar 2016 03:34

Tgt Ion:278 Resp: 2766

Ion	Ratio	Lower	Upper
278	100		
139	41.3	16.4	24.6#
279	33.4	20.2	30.2#

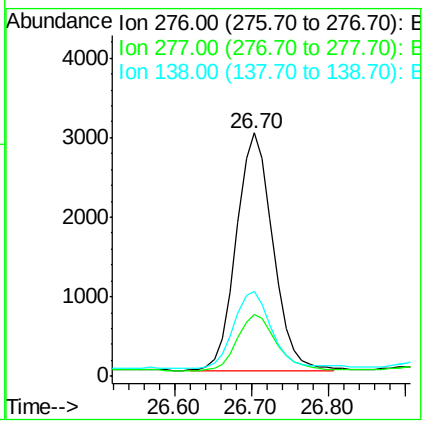




#28
Benzo(g,h,i)perylene
Concen: 0.63 ng/ul m
RT: 26.70 min Scan# 1855
Delta R.T. -0.02 min
Lab File: BM004797.D
Acq: 26 Mar 2016 03:34

Tgt Ion:276 Resp: 9890

Ion	Ratio	Lower	Upper
276	100		
277	25.4	18.9	28.3
138	35.0	22.5	33.7#



Instrument :
BNA_M
ClientSampleId :
A4T50

Manual Integrations APPROVED
Sohil
4/6/2016 1:29:05 PM