Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031017\
Data File : BM009178.D
Acq On : 10 Mar 2017 16:22
Operator : SJ/MA
Sample : I2107-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ9

Manual Integrations APPROVED
mohammad
3/13/2017 2:13:38 PM

Quant Time: Mar 10 18:25:22 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 10 15:19:24 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	341	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	1064	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	622	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	1389m	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	1675	0.40	ng/ul	0.00
20) Perylene-d12	23.78	264	1480m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	249	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.30	212	709	0.16	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.73	128	1520	0.50	ng/ul	96
5) 2-Methylnaphthalene	12.34	142	1091	0.49	ng/ul	97
7) Acenaphthylene	14.23	152	368	0.11	ng/ul#	60
8) Acenaphthene	14.57	153	166	0.07	ng/ul#	87
9) Fluorene	15.56	166	186	0.06	ng/ul#	69
12) Phenanthrene	17.30	178	3878	0.89	ng/ul	97
13) Anthracene	17.40	178	967	0.22	ng/ul#	92
15) Fluoranthene	19.32	202	9193	1.62	ng/ul	94
17) Pyrene	19.68	202	8833	1.53	ng/ul	97
18) Benzo(a)anthracene	21.42	228	5923	1.06	ng/ul	99
19) Chrysene	21.47	228	6085	1.15	ng/ul	98
21) Benzo(b)fluoranthene	23.07	252	9630m	1.66	ng/ul	
22) Benzo(k)fluoranthene	23.11	252	2255m	0.44	ng/ul	
23) Benzo(a)pyrene	23.67	252	5064m	0.97	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.15	276	3727m	0.56	ng/ul	
25) Dibenzo(a,h)anthracene	26.15	278	1118m	0.20	ng/ul	
26) Benzo(g,h,i)perylene	26.88	276	3013m	0.53	ng/ul	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031017\
Data File : BM009178.D
Acq On : 10 Mar 2017 16:22
Operator : SJ/MA
Sample : I2107-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 10 18:25:22 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 10 15:19:24 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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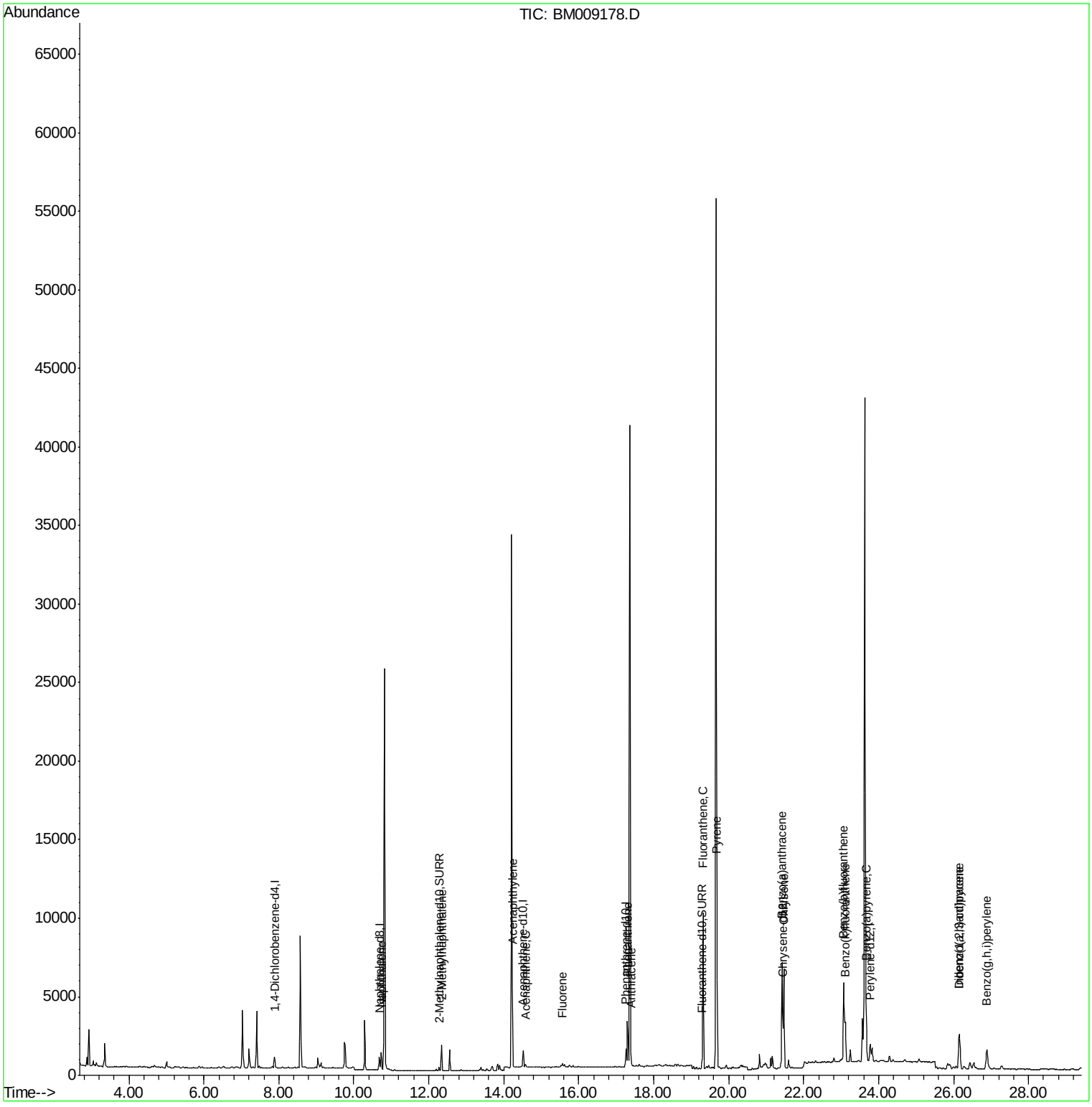
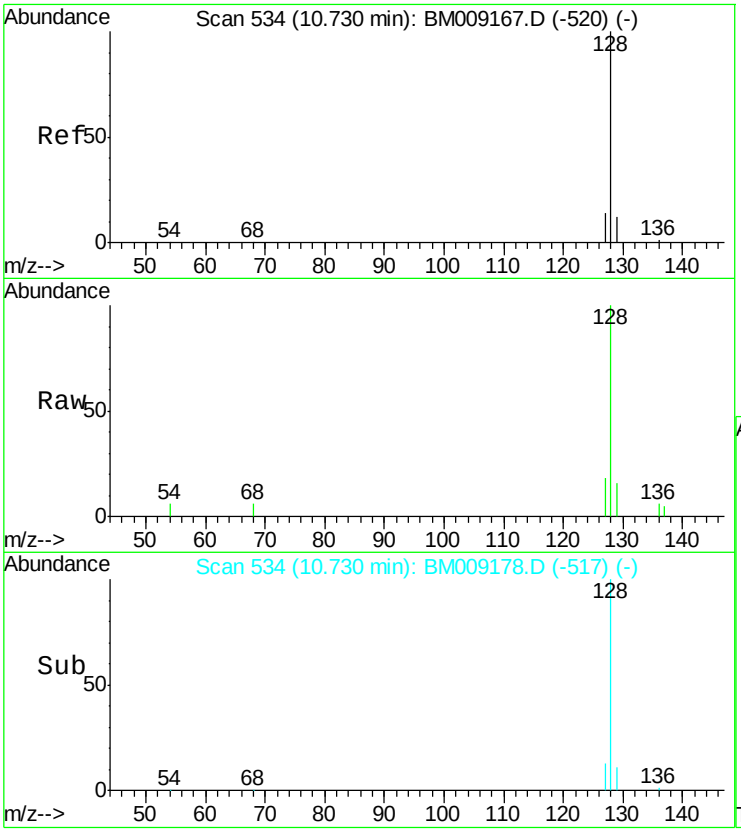
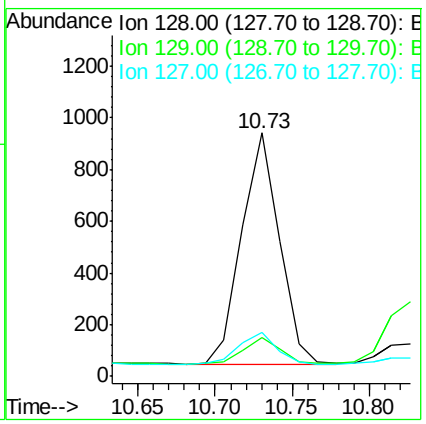




#3
Naphthalene
Concen: 0.50 ng/ul
RT: 10.73 min Scan# 534
Delta R.T. 0.00 min
Lab File: BM009178.D
Acq: 10 Mar 2017 16:22

Tgt Ion:128 Resp: 1520

Ion	Ratio	Lower	Upper
128	100		
129	15.7	11.3	16.9
127	17.8	12.8	19.2



Instrument :
BNA_M
ClientSampleId :
C0AJ9

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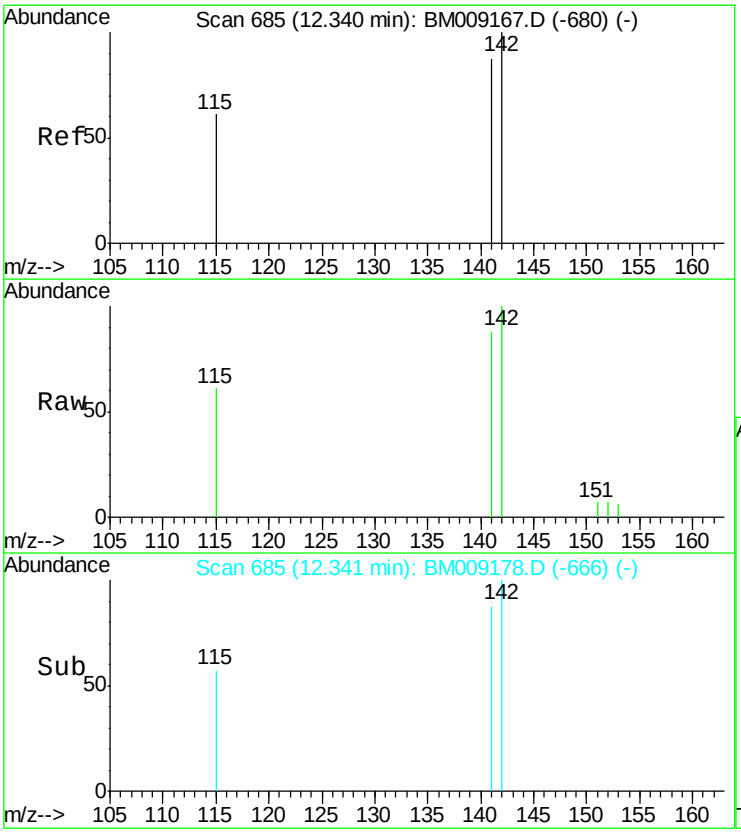
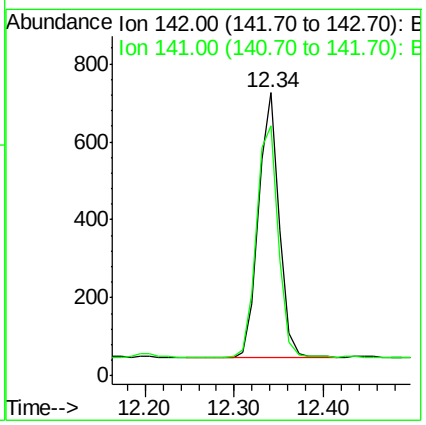
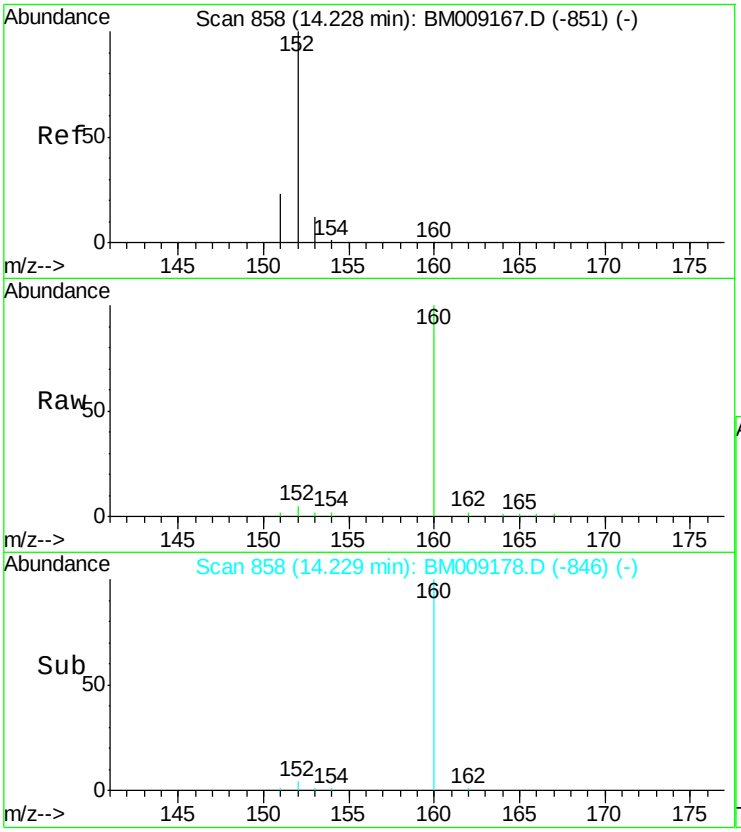


#5
2-Methylnaphthalene
Concen: 0.49 ng/ul
RT: 12.34 min Scan# 685
Delta R.T. 0.00 min
Lab File: BM009178.D
Acq: 10 Mar 2017 16:22

Tgt Ion:142 Resp: 1091

Ion	Ratio	Lower	Upper
142	100		
141	93.1	72.6	108.8





#7
Acenaphthylene
Concen: 0.11 ng/ul
RT: 14.23 min Scan# 858
Delta R.T. 0.00 min
Lab File: BM009178.D
Acq: 10 Mar 2017 16:22

Tgt Ion:152 Resp: 368

Ion	Ratio	Lower	Upper
152	100		
151	39.6	17.1	25.7#
153	34.0	12.8	19.2#

Instrument :
BNA_M
ClientSampleId :
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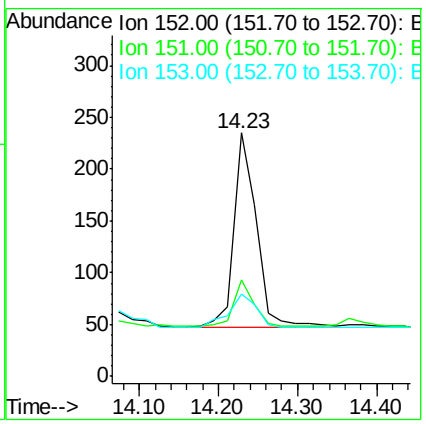
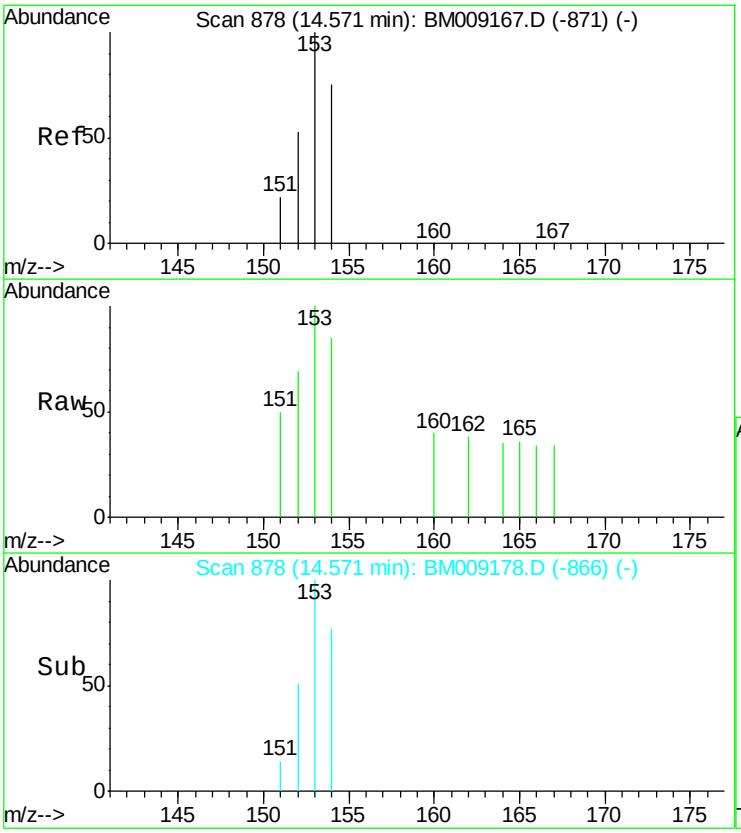
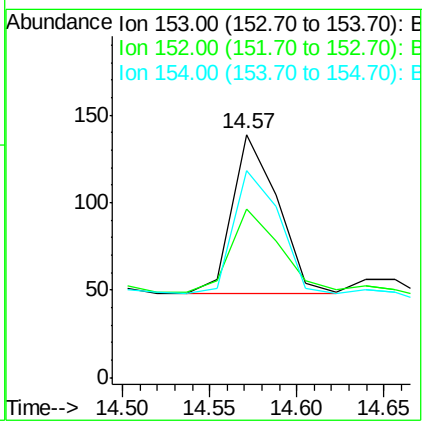


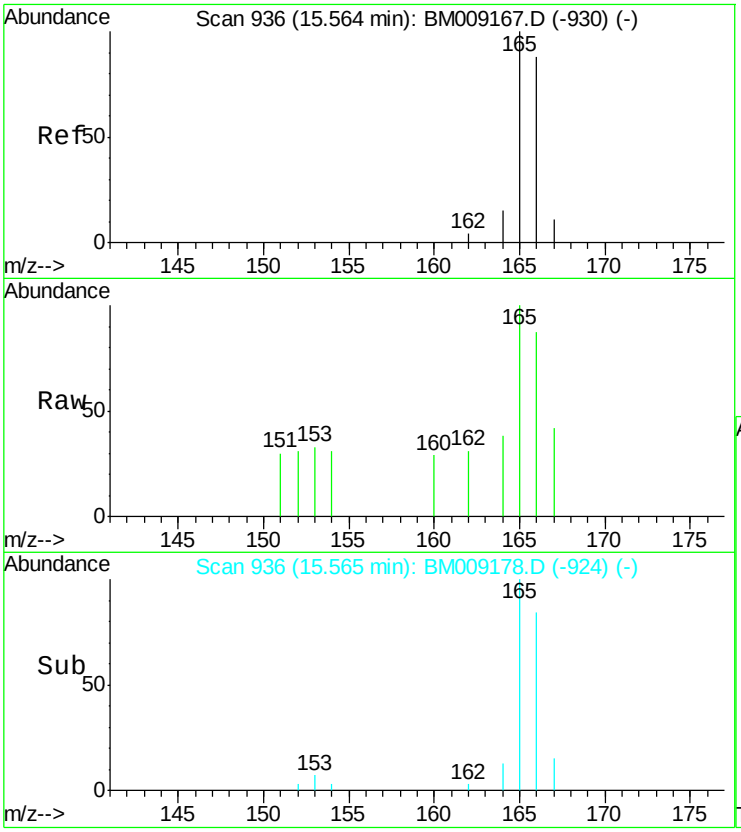


#8
Acenaphthene
Concen: 0.07 ng/ul
RT: 14.57 min Scan# 878
Delta R.T. 0.00 min
Lab File: BM009178.D
Acq: 10 Mar 2017 16:22

Tgt Ion:153 Resp: 166

Ion	Ratio	Lower	Upper
153	100		
152	69.1	40.3	60.5#
154	84.9	71.4	107.2

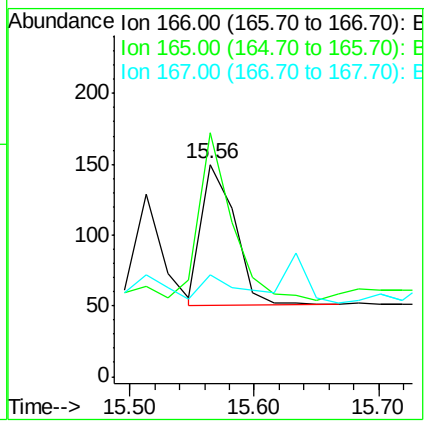




#9
Fluorene
Concen: 0.06 ng/ul
RT: 15.56 min Scan# 936
Delta R.T. 0.00 min
Lab File: BM009178.D
Acq: 10 Mar 2017 16:22

Tgt Ion:166 Resp: 186

Ion	Ratio	Lower	Upper
166	100		
165	114.7	73.4	110.2#
167	48.0	14.6	22.0#



Instrument :
BNA_M
ClientSampleId :
C0AJ9

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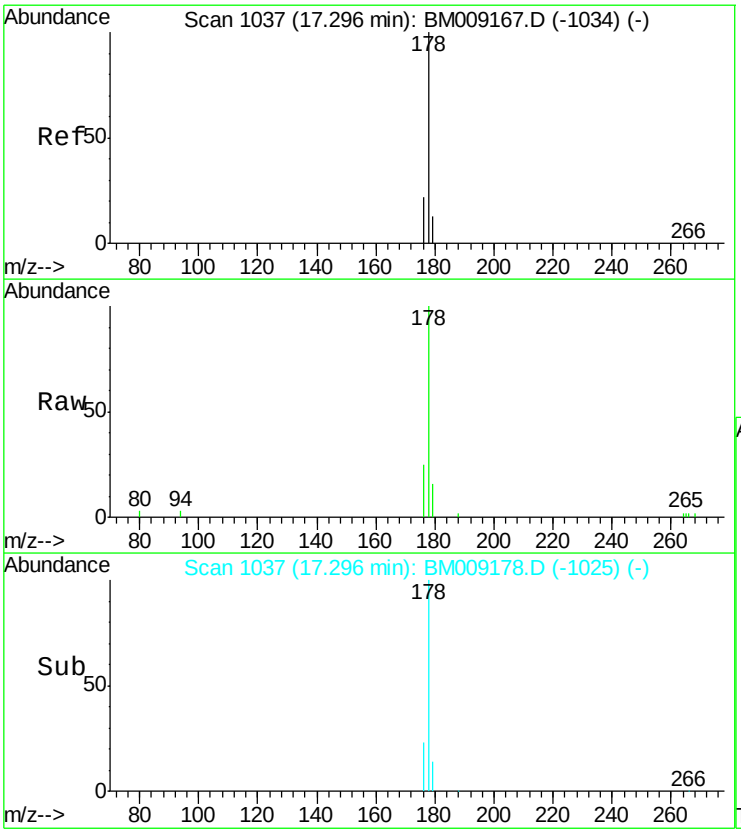
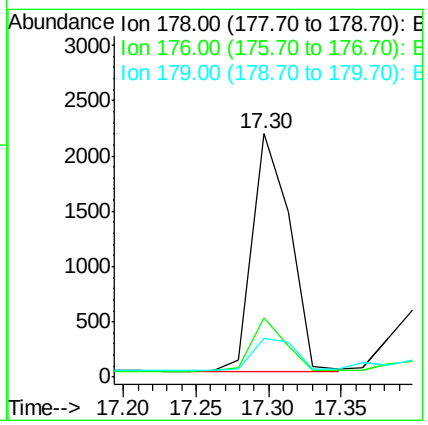
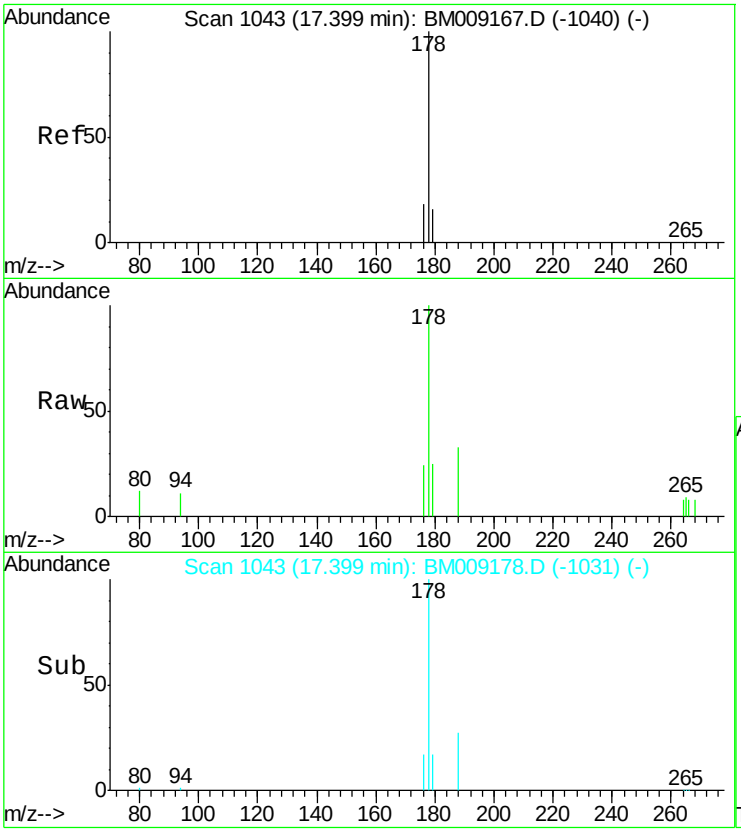


#12
Phenanthrene
Concen: 0.89 ng/ul
RT: 17.30 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BM009178.D
Acq: 10 Mar 2017 16:22

Tgt Ion:178 Resp: 3878

Ion	Ratio	Lower	Upper
178	100		
176	24.6	18.4	27.6
179	16.1	13.6	20.4





#13
Anthracene
Concen: 0.22 ng/ul
RT: 17.40 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BM009178.D
Acq: 10 Mar 2017 16:22

Tgt Ion:178 Resp: 967

Ion	Ratio	Lower	Upper
178	100		
176	23.9	18.1	27.1
179	25.0	14.7	22.1#

Instrument :
BNA_M
ClientSampleId :
C0AJ9

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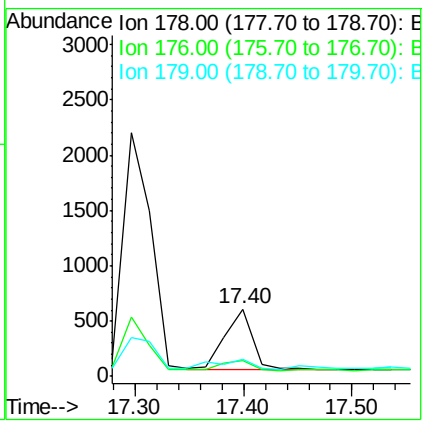
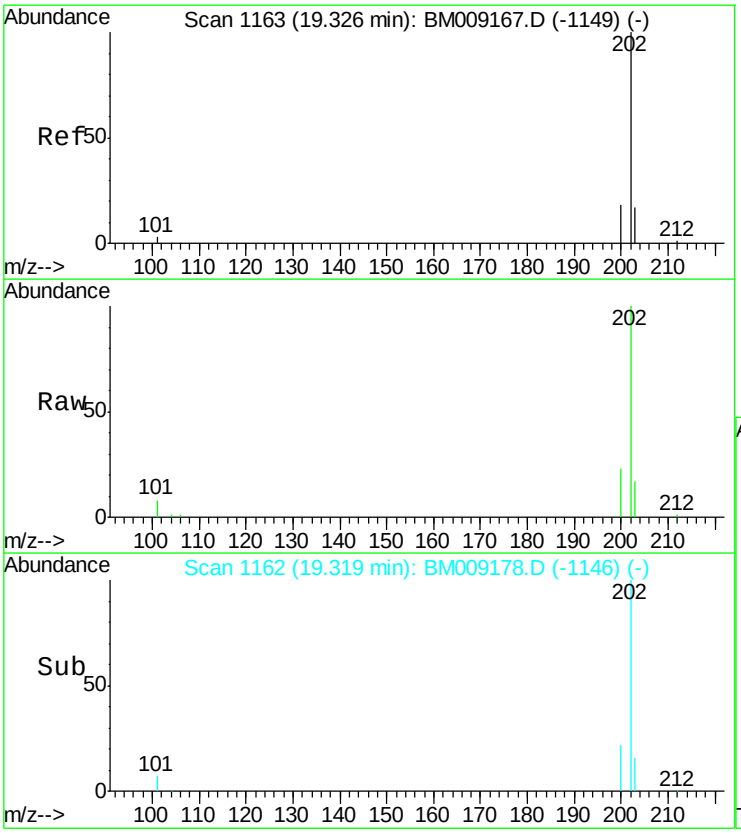
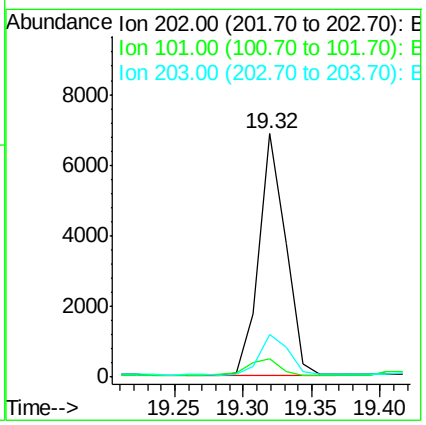


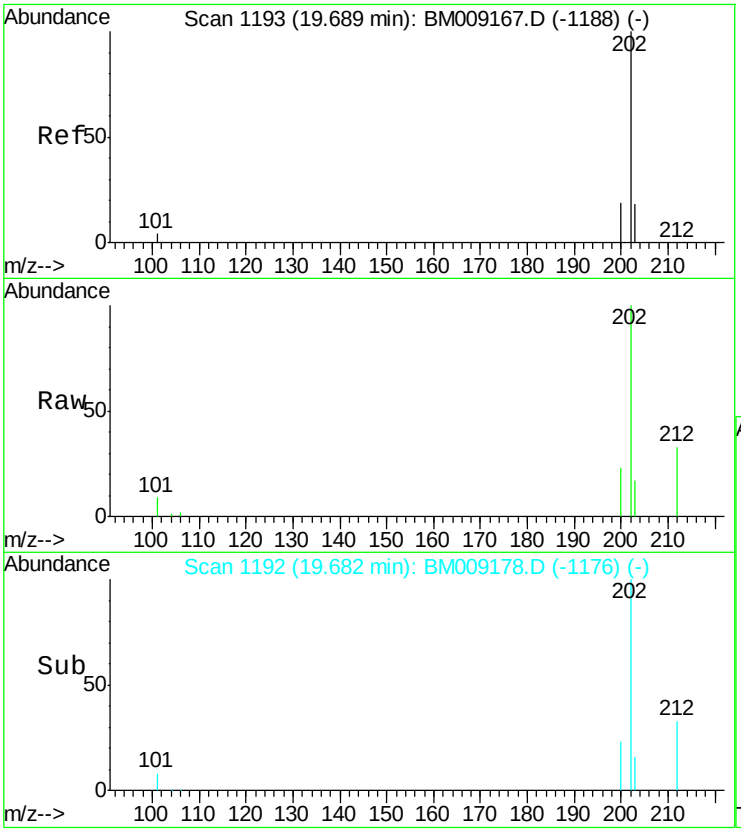


#15
Fluoranthene
Concen: 1.62 ng/ul
RT: 19.32 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BM009178.D
Acq: 10 Mar 2017 16:22

Tgt Ion:202 Resp: 9193

Ion	Ratio	Lower	Upper
202	100		
101	7.7	0.0	30.3
203	17.3	0.0	39.5





#17
Pyrene
Concen: 1.53 ng/ul
RT: 19.68 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BM009178.D
Acq: 10 Mar 2017 16:22

Tgt Ion:202 Resp: 8833

Ion	Ratio	Lower	Upper
202	100		
200	23.2	18.2	27.4
203	17.3	15.6	23.4

Instrument :
BNA_M
ClientSampleId :
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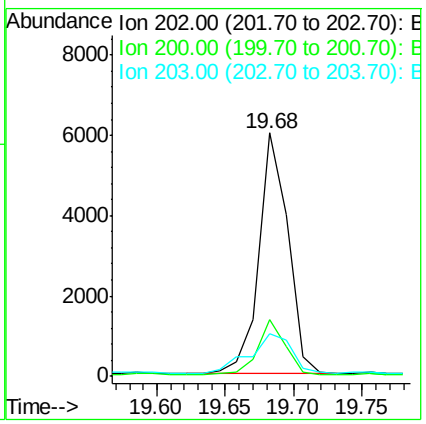
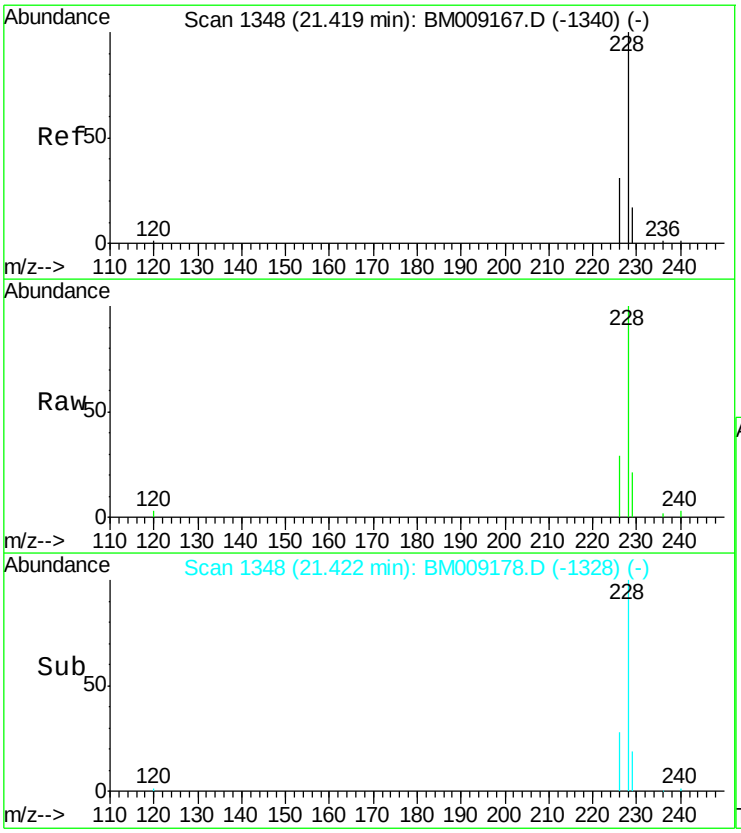
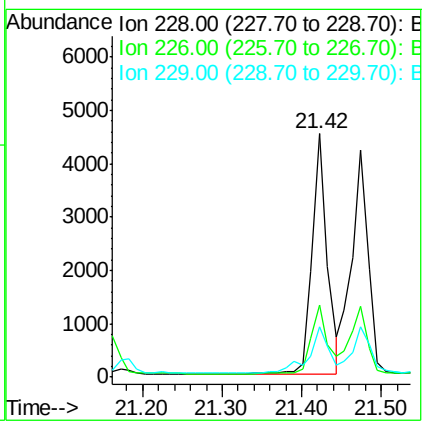


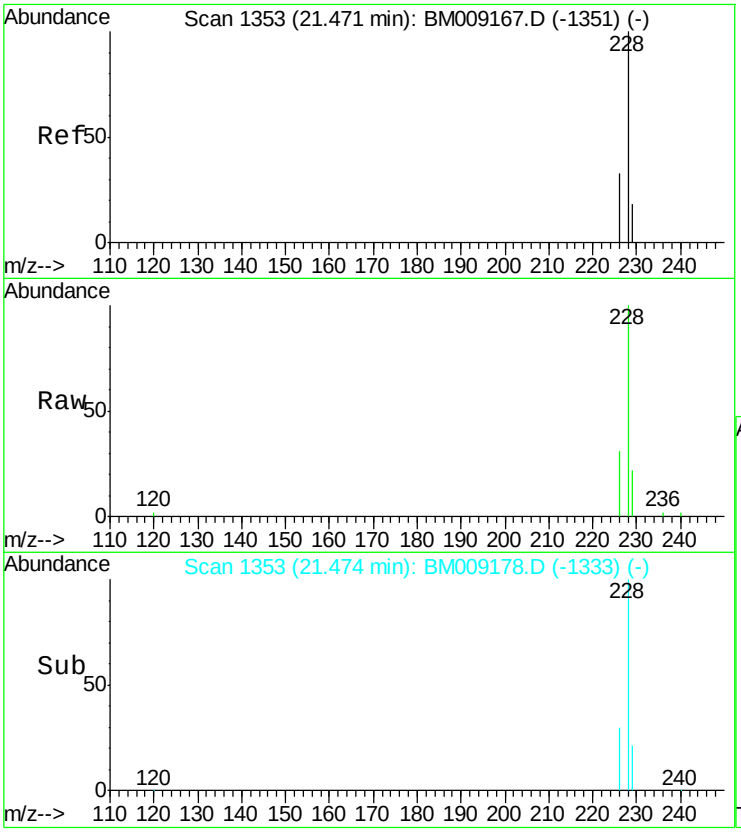


#18
Benzo(a)anthracene
Concen: 1.06 ng/ul
RT: 21.42 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BM009178.D
Acq: 10 Mar 2017 16:22

Tgt Ion:228 Resp: 5923

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.8	34.2
229	20.8	17.0	25.6

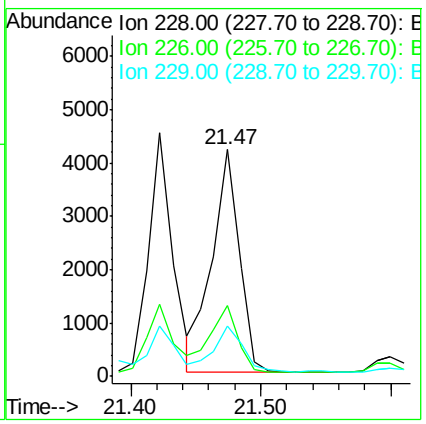




#19
Chrysene
Concen: 1.15 ng/ul
RT: 21.47 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BM009178.D
Acq: 10 Mar 2017 16:22

Tgt Ion:228 Resp: 6085

Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.4	35.0
229	22.2	17.7	26.5



Instrument :
BNA_M
ClientSampleId :
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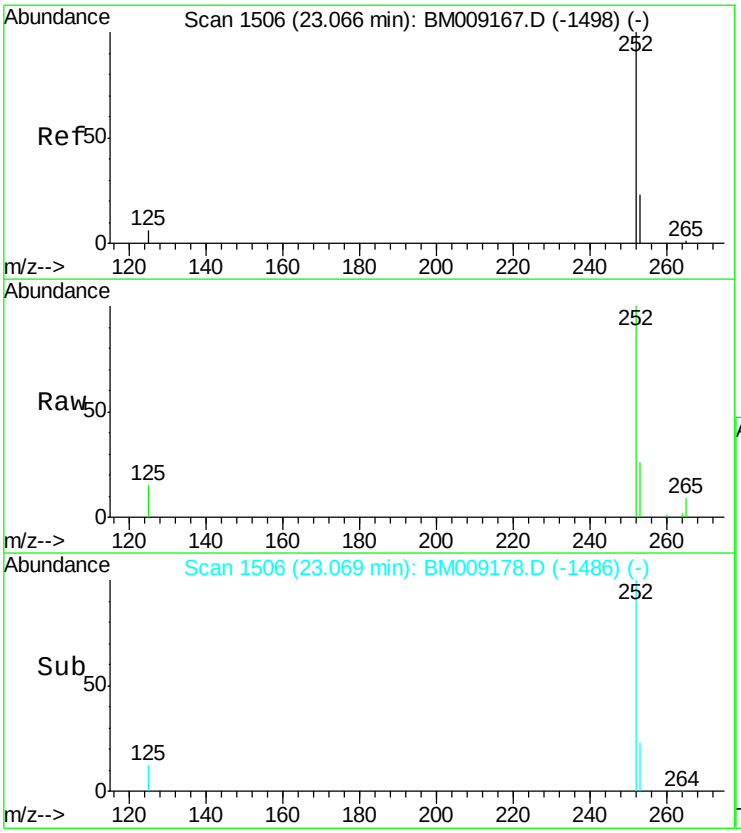
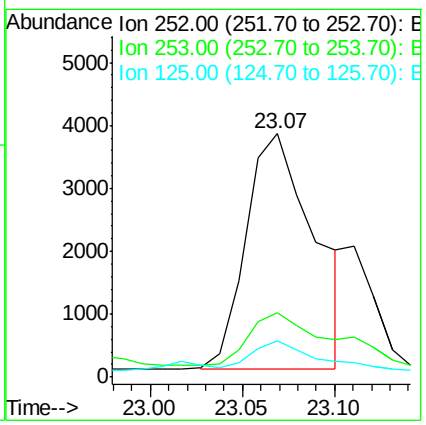
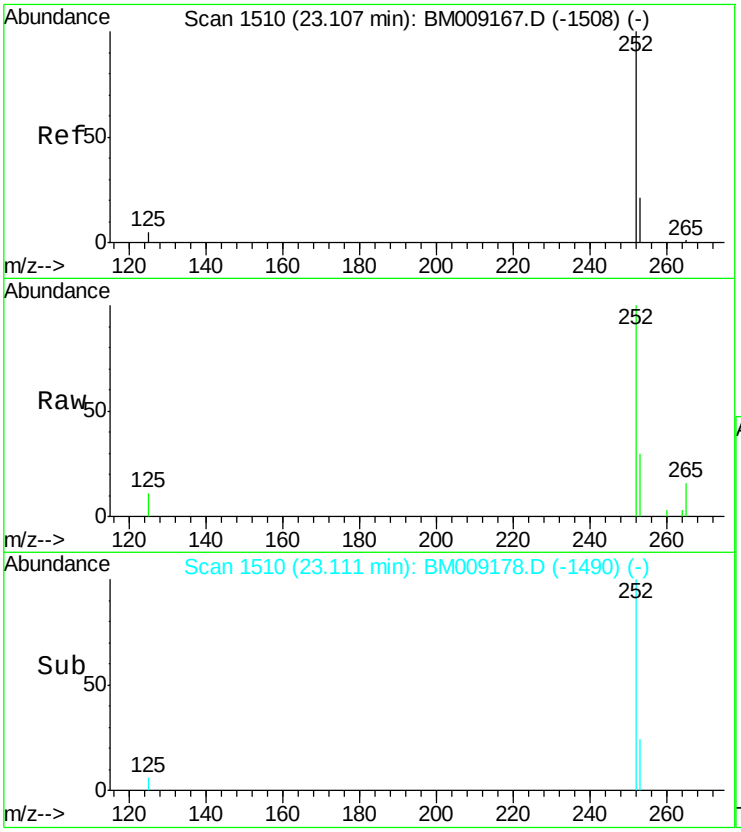


#21
Benzo(b)fluoranthene
Concen: 1.66 ng/ul m
RT: 23.07 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BM009178.D
Acq: 10 Mar 2017 16:22

Tgt Ion:252 Resp: 9630

Ion	Ratio	Lower	Upper
252	100		
253	26.4	0.0	64.2
125	14.7	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 0.44 ng/ul m
RT: 23.11 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BM009178.D
Acq: 10 Mar 2017 16:22

Tgt Ion:252 Resp: 2255

Ion	Ratio	Lower	Upper
252	100		
253	30.5	24.5	36.7
125	11.0	13.7	20.5#

Instrument :
BNA_M
ClientSampleId :
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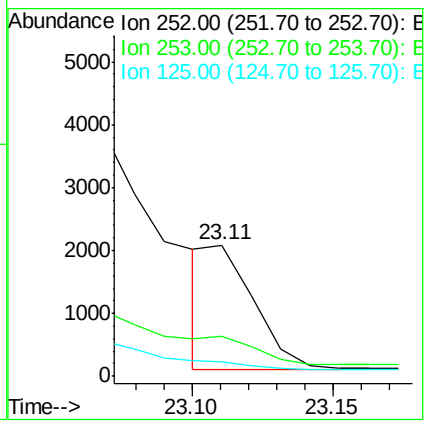
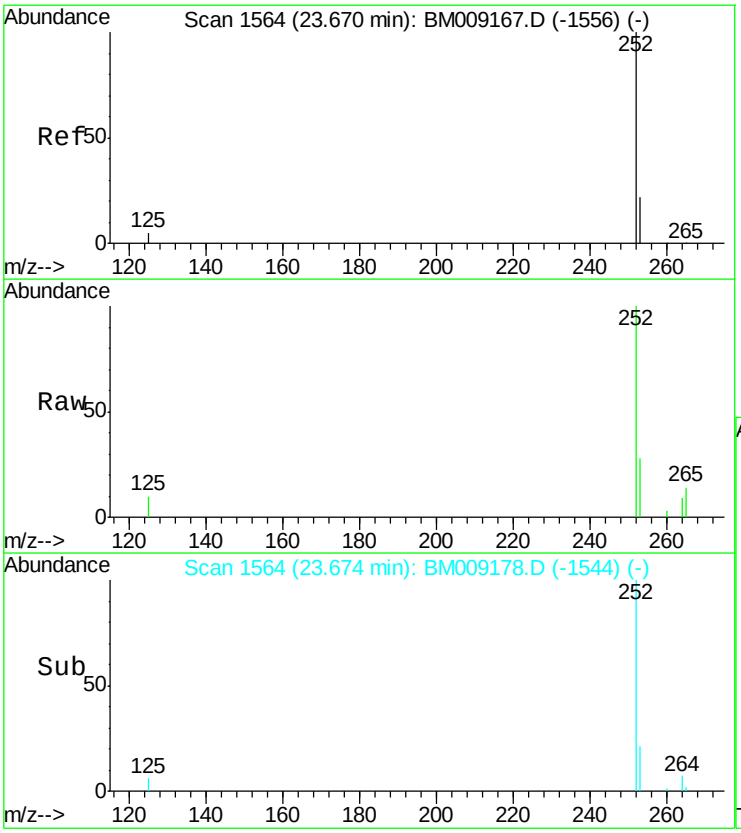
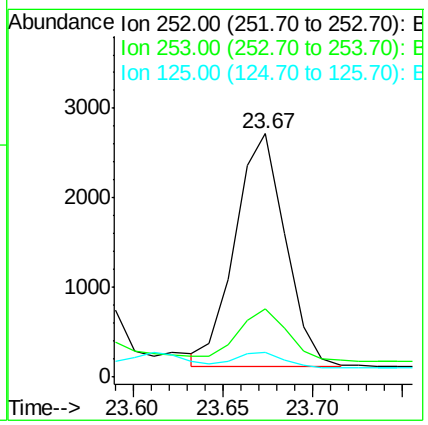


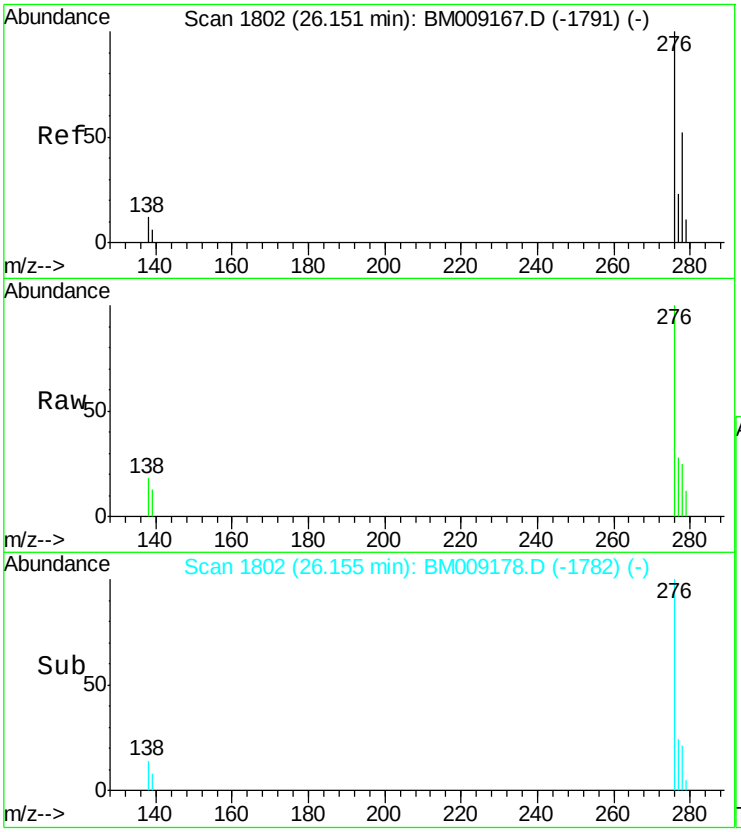


#23
Benzo(a)pyrene
Concen: 0.97 ng/ul m
RT: 23.67 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BM009178.D
Acq: 10 Mar 2017 16:22

Tgt Ion:252 Resp: 5064

Ion	Ratio	Lower	Upper
252	100		
253	28.0	28.5	42.7#
125	10.0	18.1	27.1#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.56 ng/ul m
RT: 26.15 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BM009178.D
Acq: 10 Mar 2017 16:22

Tgt Ion:276 Resp: 3727

Ion	Ratio	Lower	Upper
276	100		
138	0.0	19.1	28.7#
277	0.0	19.6	29.4#

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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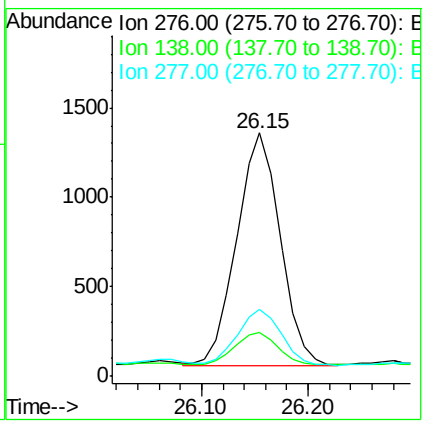
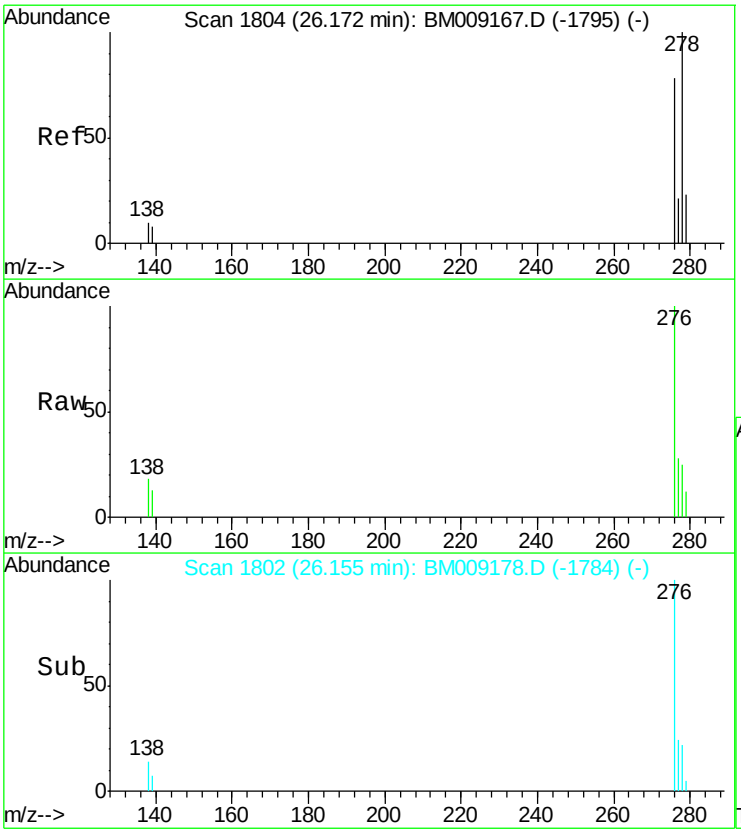
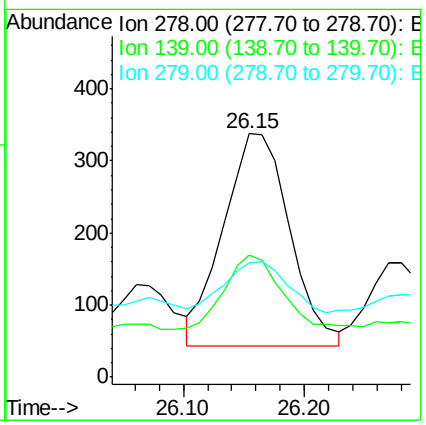


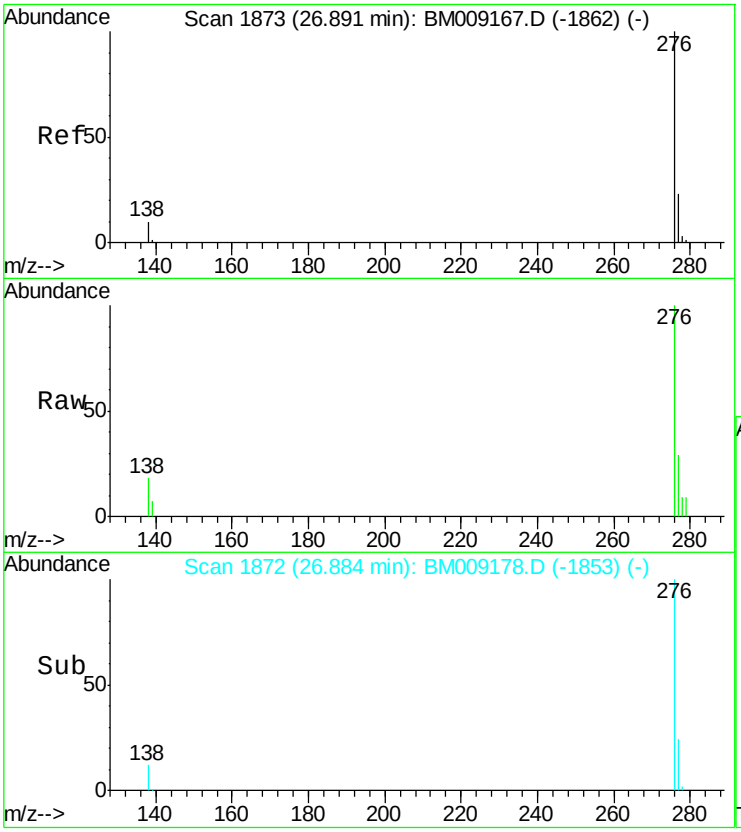


#25
Dibenzo(a,h)anthracene
Concen: 0.20 ng/ul m
RT: 26.15 min Scan# 1802
Delta R.T. -0.02 min
Lab File: BM009178.D
Acq: 10 Mar 2017 16:22

Tgt Ion:278 Resp: 1118

Ion	Ratio	Lower	Upper
278	100		
139	50.3	17.4	26.0#
279	47.0	25.9	38.9#

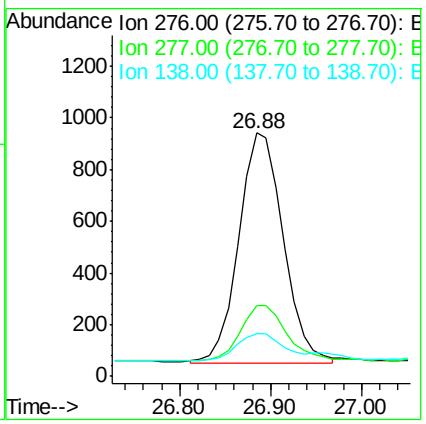




#26
Benzo(g,h,i)perylene
Concen: 0.53 ng/ul m
RT: 26.88 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BM009178.D
Acq: 10 Mar 2017 16:22

Tgt Ion:276 Resp: 3013

Ion	Ratio	Lower	Upper
276	100		
277	28.9	21.8	32.8
138	17.7	20.5	30.7#



Instrument :
BNA_M
ClientSampleId :
C0AJ9

Manual Integrations APPROVED
mohammad
3/13/2017 2:13:38 PM