Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031017\
Data File : BM009199.D
Acq On : 11 Mar 2017 05:30
Operator : SJ/MA
Sample : I2072-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AJ8

Manual Integrations APPROVED
mohammad
3/13/2017 2:15:25 PM

Quant Time: Mar 11 07:04:37 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 11 02:23:19 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	309	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	1008	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	649	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	1364m	0.40	ng/ul	0.00
16) Chrysene-d12	21.45	240	1767	0.40	ng/ul	0.01
20) Perylene-d12	23.78	264	2308m	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	321	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	986m	0.23	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.73	128	75810	26.09	ng/ul#	93
5) 2-Methylnaphthalene	12.34	142	12833	6.14	ng/ul	100
7) Acenaphthylene	14.23	152	1471	0.44	ng/ul#	80
8) Acenaphthene	14.57	153	51422	19.83	ng/ul	93
9) Fluorene	15.56	166	49521	16.33	ng/ul#	85
12) Phenanthrene	17.31	178	579415m	135.28	ng/ul	
13) Anthracene	17.40	178	105224	24.87	ng/ul#	92
15) Fluoranthene	19.33	202	795868	142.46	ng/ul	92
17) Pyrene	19.69	202	653304	107.50	ng/ul	96
18) Benzo(a)anthracene	21.43	228	354188	60.33	ng/ul	97
19) Chrysene	21.48	228	298178	53.54	ng/ul	98
21) Benzo(b)fluoranthene	23.08	252	341812m	37.70	ng/ul	
22) Benzo(k)fluoranthene	23.11	252	133720m	16.68	ng/ul	
23) Benzo(a)pyrene	23.68	252	237446m	29.11	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.16	276	136481m	13.15	ng/ul	
25) Dibenzo(a,h)anthracene	26.17	278	40266m	4.62	ng/ul	
26) Benzo(g,h,i)perylene	26.90	276	112838m	12.75	ng/ul	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031017\
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Instrument :
BNA_M
ClientSampleId :
C0AJ8

Manual Integrations APPROVED
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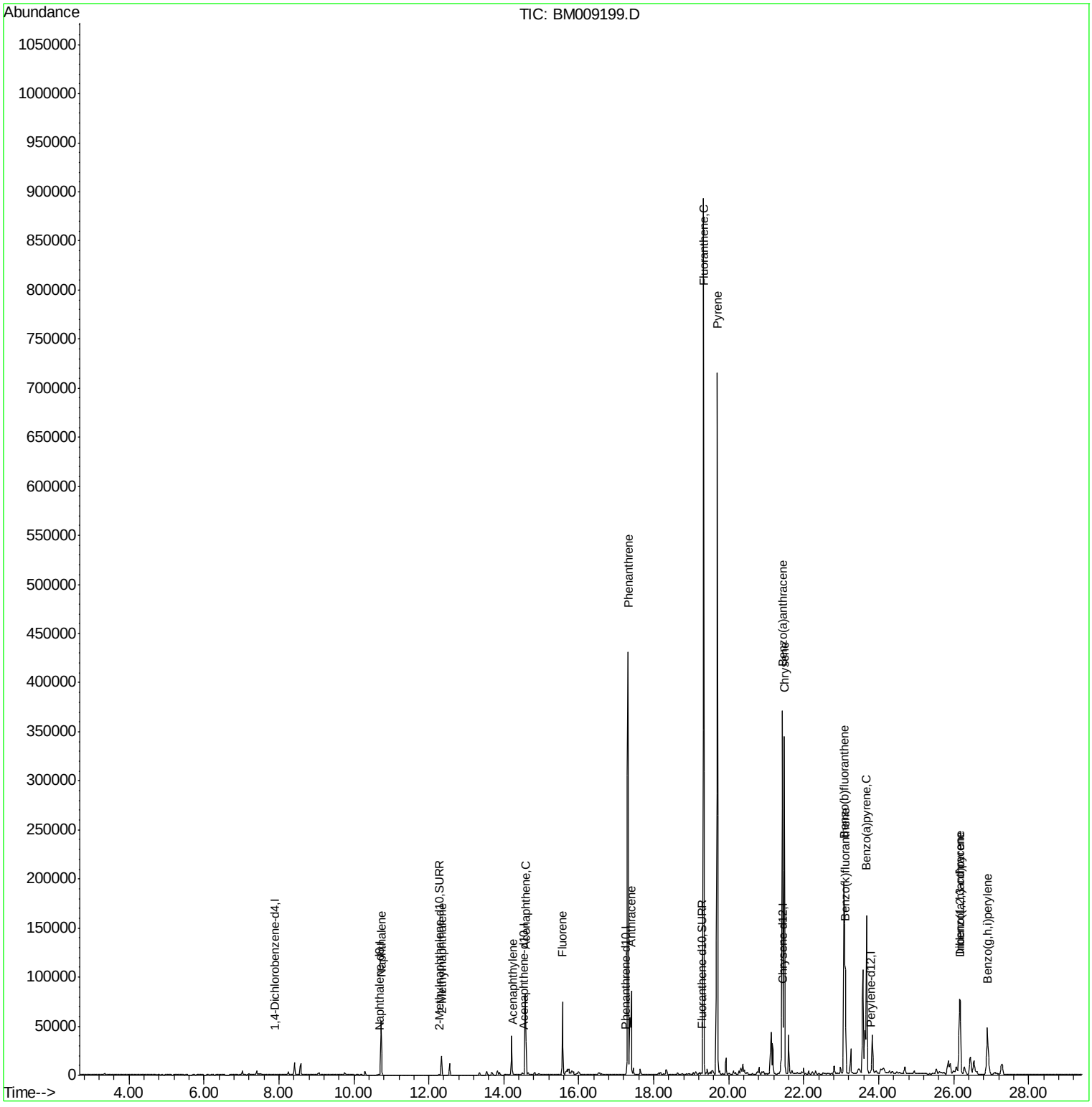
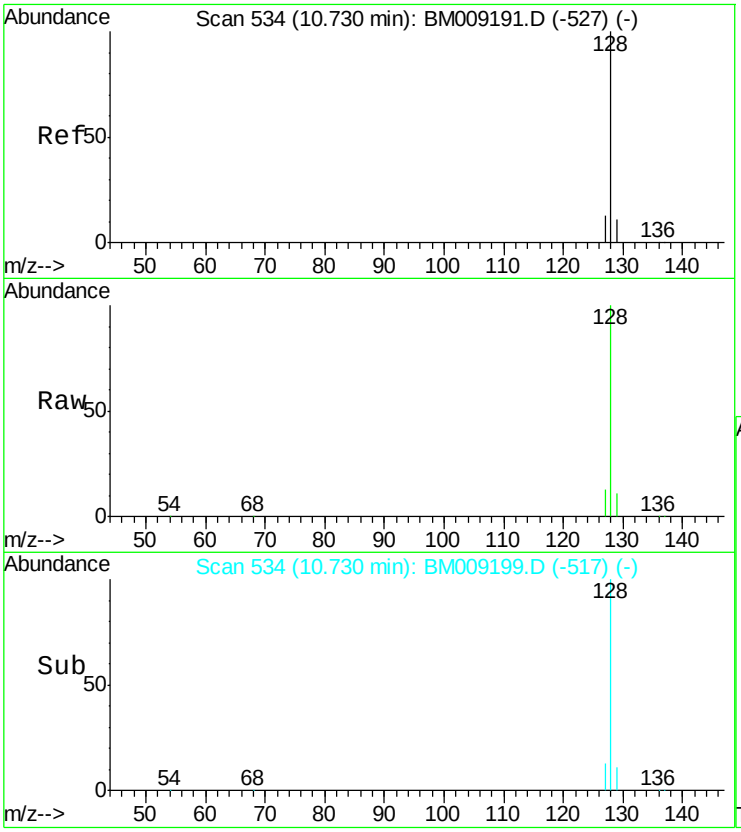
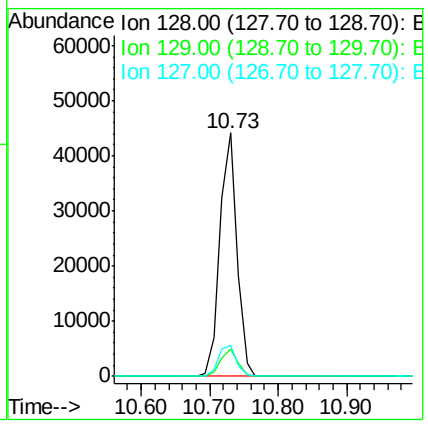




#3
Naphthalene
Concen: 26.09 ng/ul
RT: 10.73 min Scan# 534
Delta R.T. 0.00 min
Lab File: BM009199.D
Acq: 11 Mar 2017 05:30

Tgt Ion:128 Resp: 75810

Ion	Ratio	Lower	Upper
128	100		
129	11.1	11.3	16.9#
127	12.9	12.8	19.2



Instrument :
BNA_M
ClientSampleId :
C0AJ8

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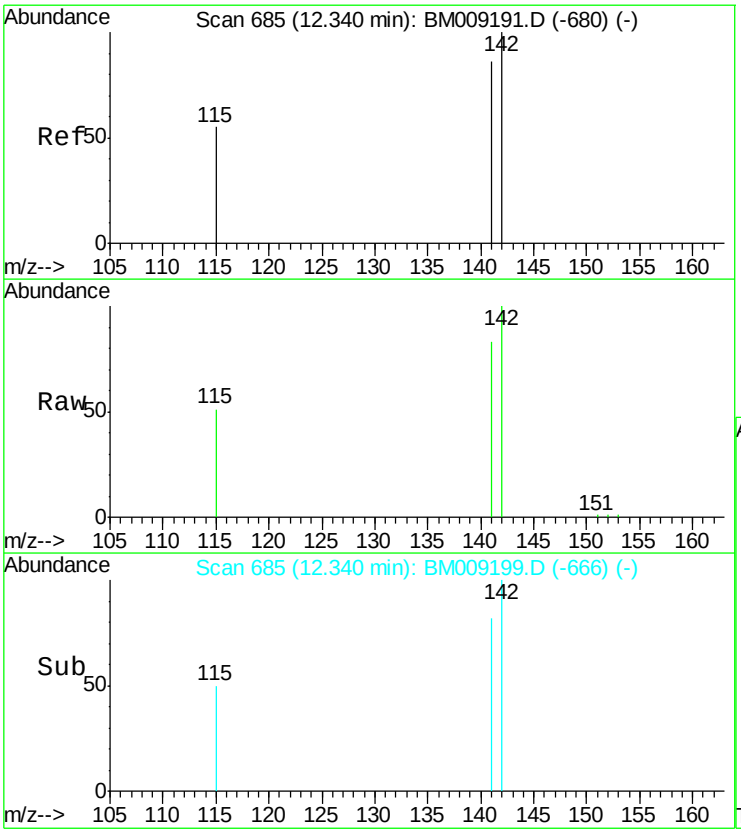
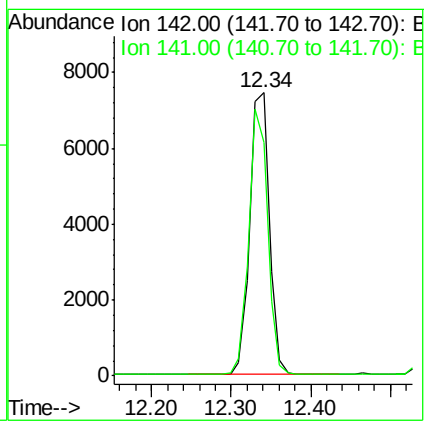
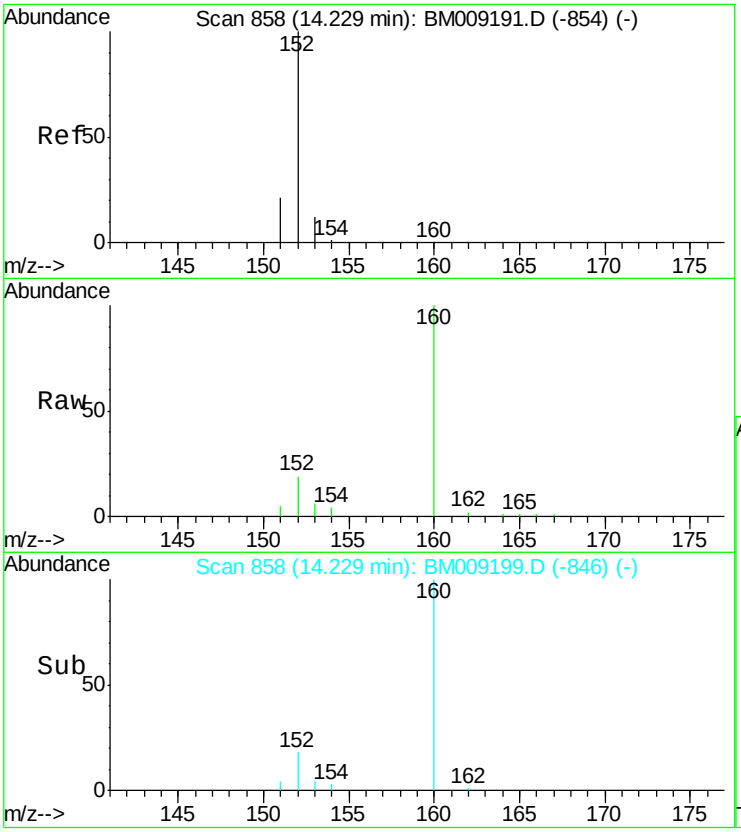


#5
2-Methylnaphthalene
Concen: 6.14 ng/ul
RT: 12.34 min Scan# 685
Delta R.T. -0.00 min
Lab File: BM009199.D
Acq: 11 Mar 2017 05:30

Tgt Ion:142 Resp: 12833

Ion	Ratio	Lower	Upper
142	100		
141	90.5	72.6	108.8

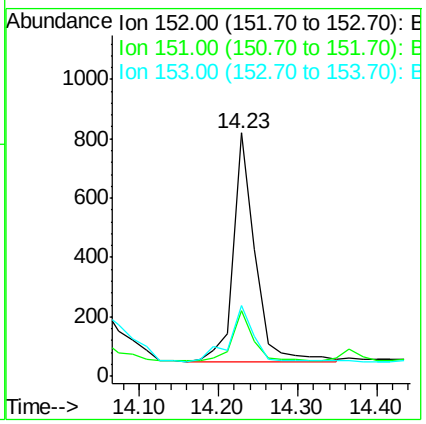




#7
Acenaphthylene
Concen: 0.44 ng/ul
RT: 14.23 min Scan# 858
Delta R.T. 0.00 min
Lab File: BM009199.D
Acq: 11 Mar 2017 05:30

Tgt Ion:152 Resp: 1471

Ion	Ratio	Lower	Upper
152	100		
151	27.0	17.1	25.7#
153	29.0	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
C0AJ8

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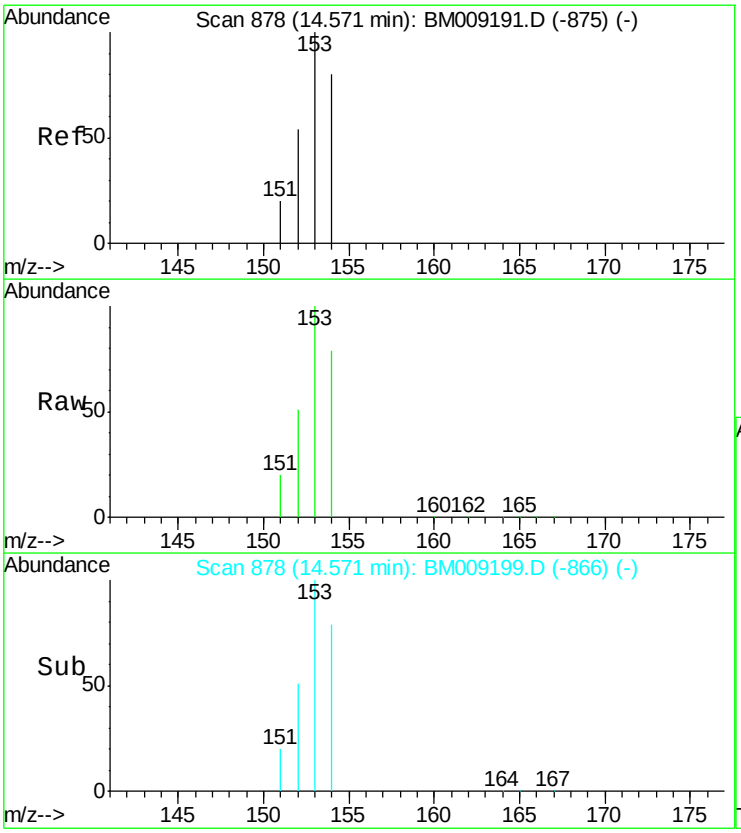
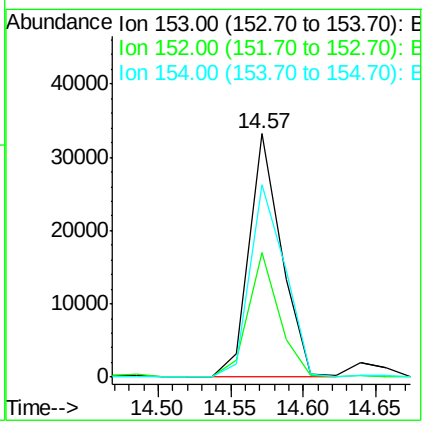
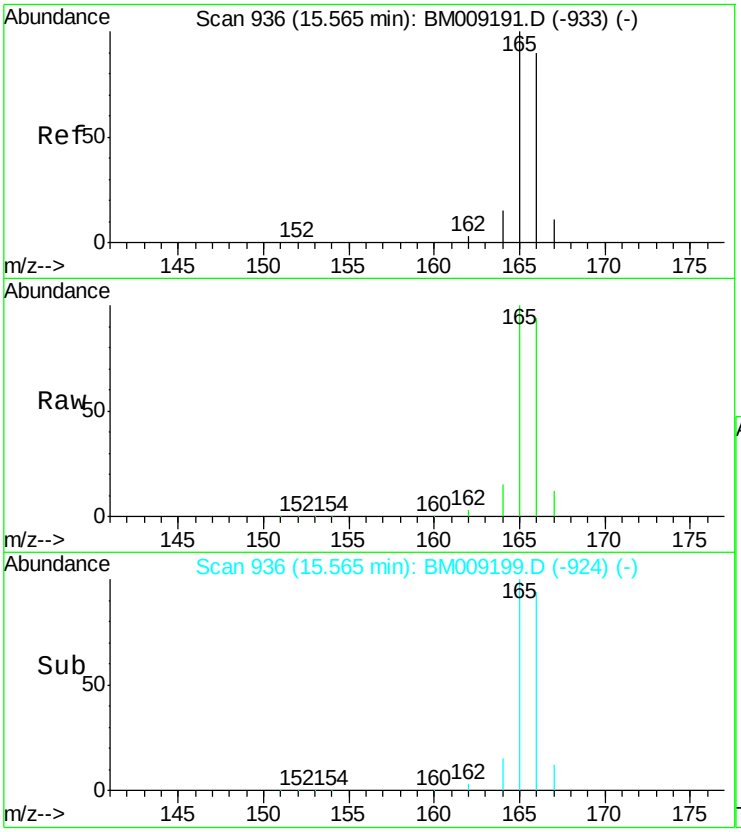


#8
Acenaphthene
Concen: 19.83 ng/ul
RT: 14.57 min Scan# 878
Delta R.T. 0.00 min
Lab File: BM009199.D
Acq: 11 Mar 2017 05:30

Tgt Ion:153 Resp: 51422

Ion	Ratio	Lower	Upper
153	100		
152	50.9	40.3	60.5
154	79.2	71.4	107.2

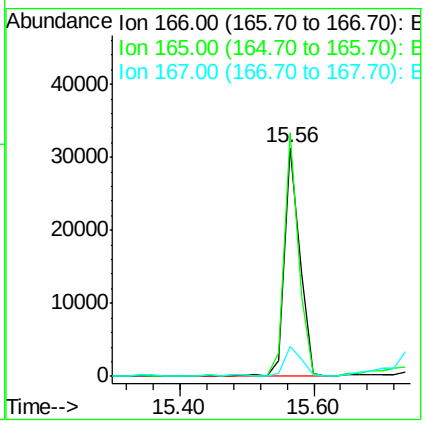




#9
Fluorene
Concen: 16.33 ng/ul
RT: 15.56 min Scan# 936
Delta R.T. 0.00 min
Lab File: BM009199.D
Acq: 11 Mar 2017 05:30

Tgt Ion:166 Resp: 49521

Ion	Ratio	Lower	Upper
166	100		
165	106.4	73.4	110.2
167	13.3	14.6	22.0#



Instrument :
BNA_M
ClientSampleId :
C0AJ8

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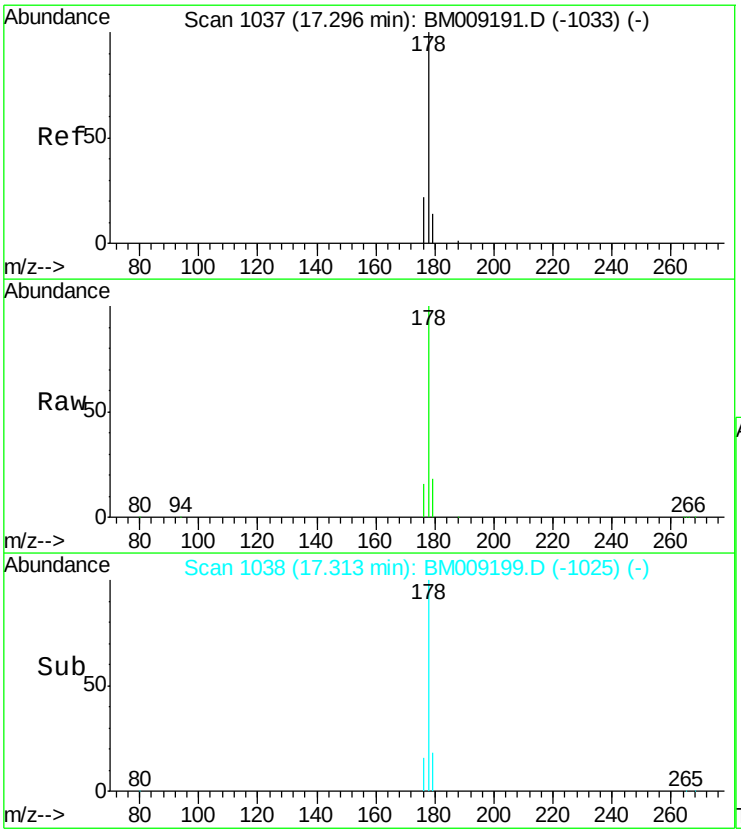
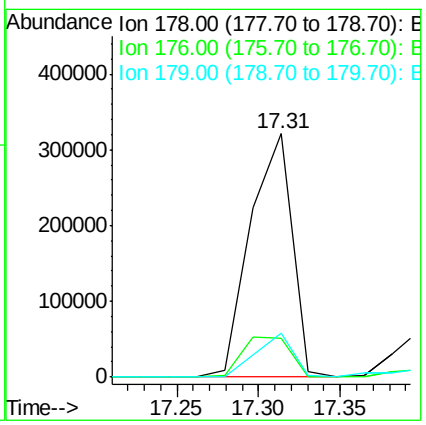
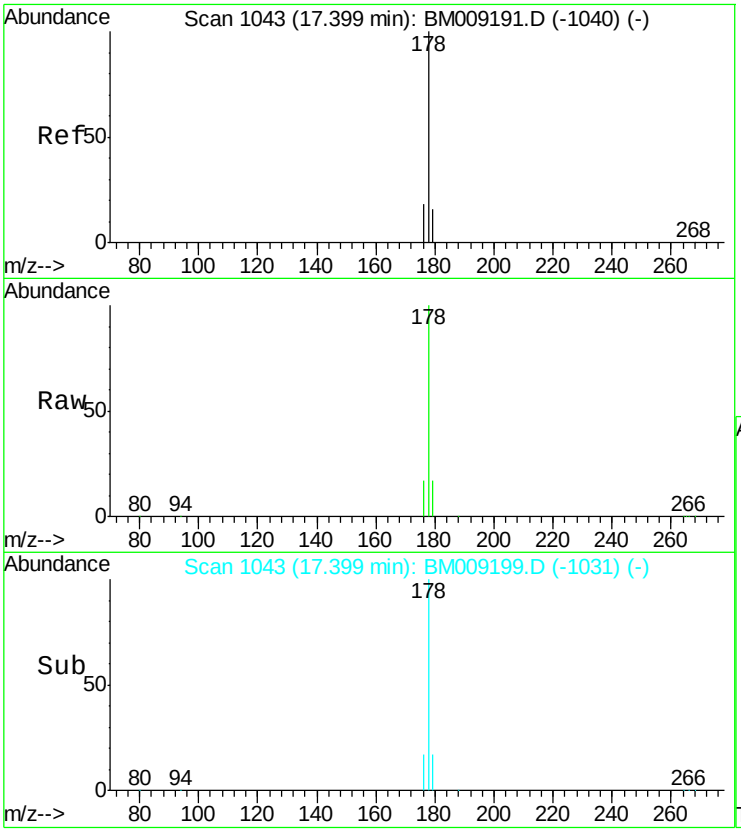


#12
Phenanthrene
Concen: 135.28 ng/ul m
RT: 17.31 min Scan# 1038
Delta R.T. 0.02 min
Lab File: BM009199.D
Acq: 11 Mar 2017 05:30

Tgt Ion:178 Resp: 579415

Ion	Ratio	Lower	Upper
178	100		
176	16.1	18.4	27.6#
179	17.9	13.6	20.4





#13
Anthracene
Concen: 24.87 ng/ul
RT: 17.40 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BM009199.D
Acq: 11 Mar 2017 05:30

Tgt Ion:178 Resp: 105224

Ion	Ratio	Lower	Upper
178	100		
176	16.9	18.1	27.1#
179	16.8	14.7	22.1

Instrument :
BNA_M
ClientSampleId :
C0AJ8

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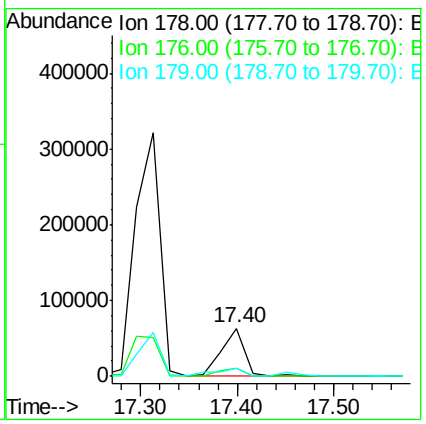
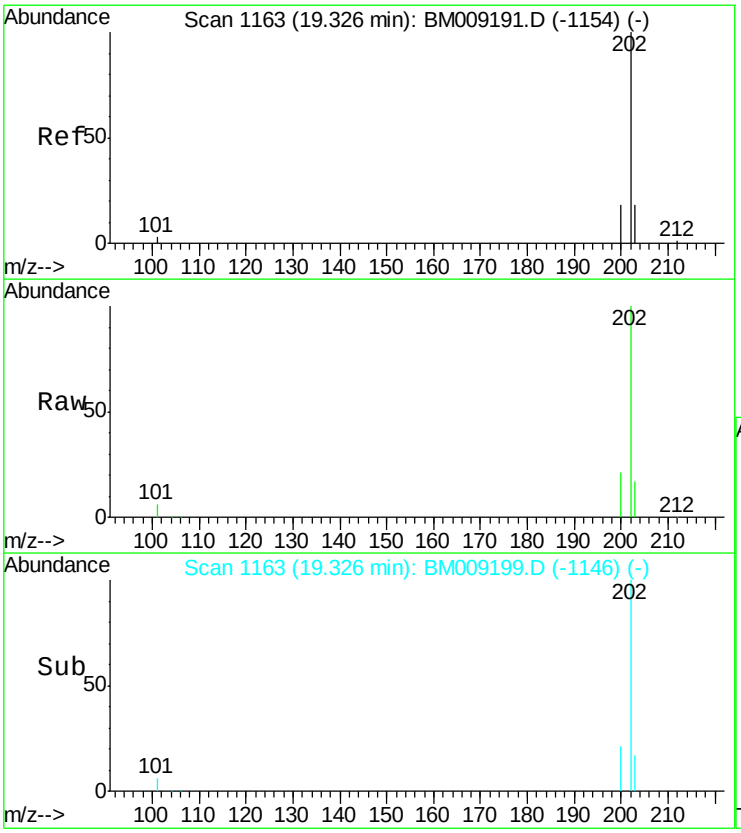
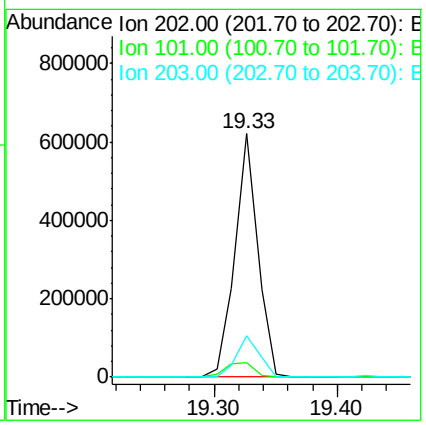


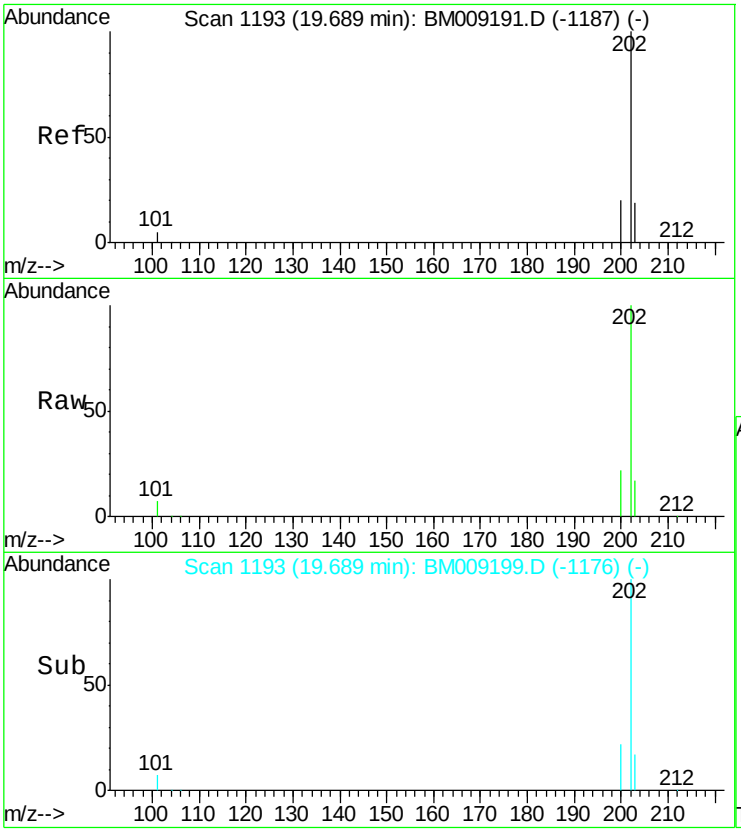


#15
Fluoranthene
Concen: 142.46 ng/ul
RT: 19.33 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BM009199.D
Acq: 11 Mar 2017 05:30

Tgt Ion:202 Resp: 795868

Ion	Ratio	Lower	Upper
202	100		
101	5.9	0.0	30.3
203	17.0	0.0	39.5

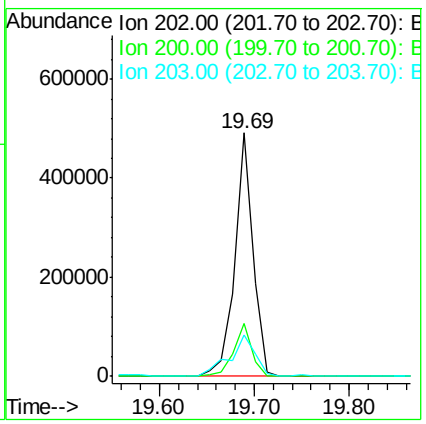




#17
Pyrene
Concen: 107.50 ng/ul
RT: 19.69 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BM009199.D
Acq: 11 Mar 2017 05:30

Tgt Ion:202 Resp: 653304

Ion	Ratio	Lower	Upper
202	100		
200	21.6	18.2	27.4
203	16.9	15.6	23.4



Instrument :
BNA_M
ClientSampleId :
C0AJ8

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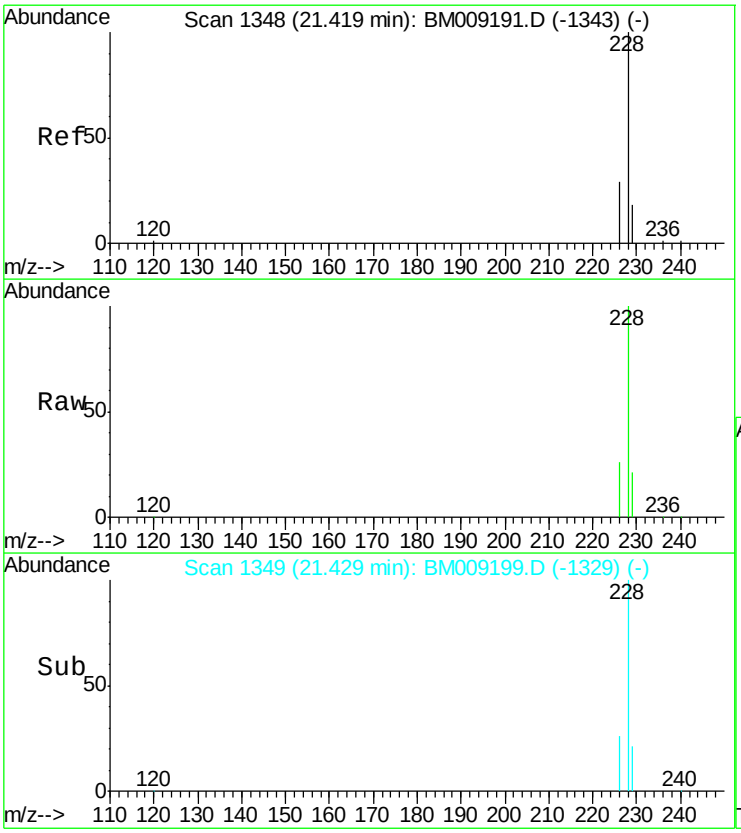
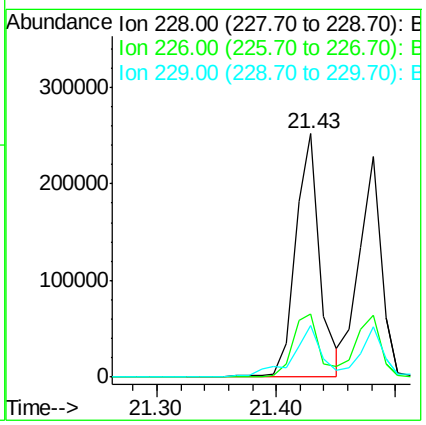
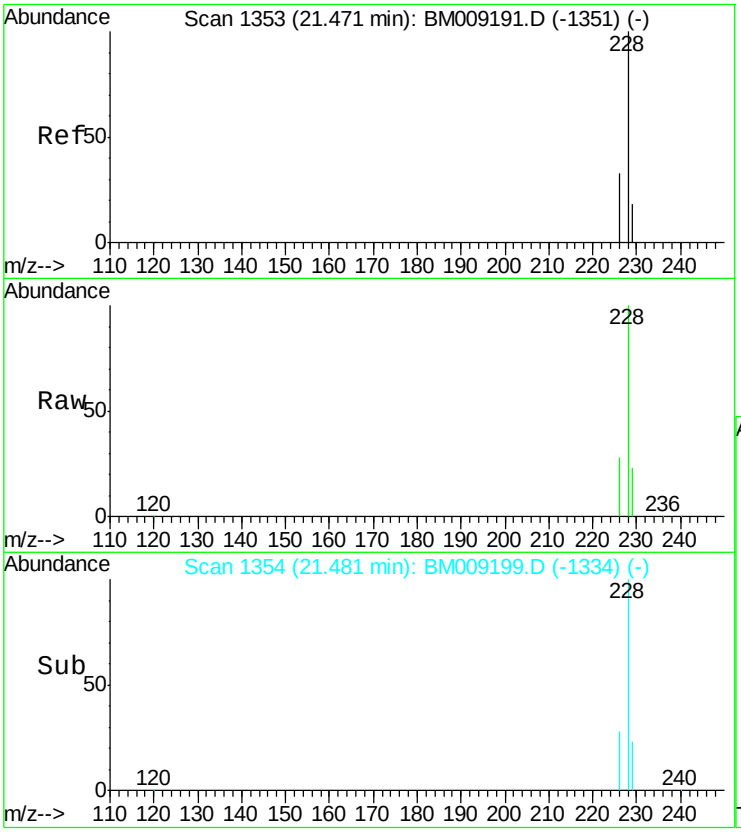


#18
Benzo(a)anthracene
Concen: 60.33 ng/ul
RT: 21.43 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BM009199.D
Acq: 11 Mar 2017 05:30

Tgt Ion:228 Resp: 354188

Ion	Ratio	Lower	Upper
228	100		
226	25.8	22.8	34.2
229	21.2	17.0	25.6

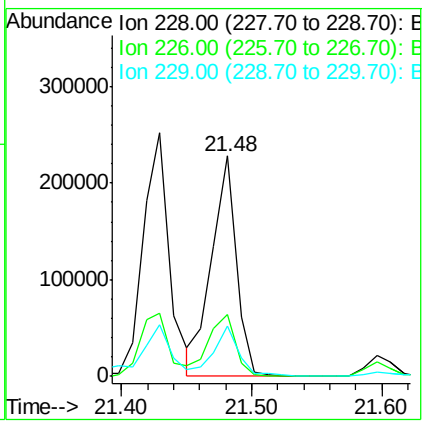




#19
Chrysene
Concen: 53.54 ng/ul
RT: 21.48 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BM009199.D
Acq: 11 Mar 2017 05:30

Tgt Ion:228 Resp: 298178

Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.4	35.0
229	22.9	17.7	26.5



Instrument :
BNA_M
ClientSampleId :
C0AJ8

Manual Integrations APPROVED
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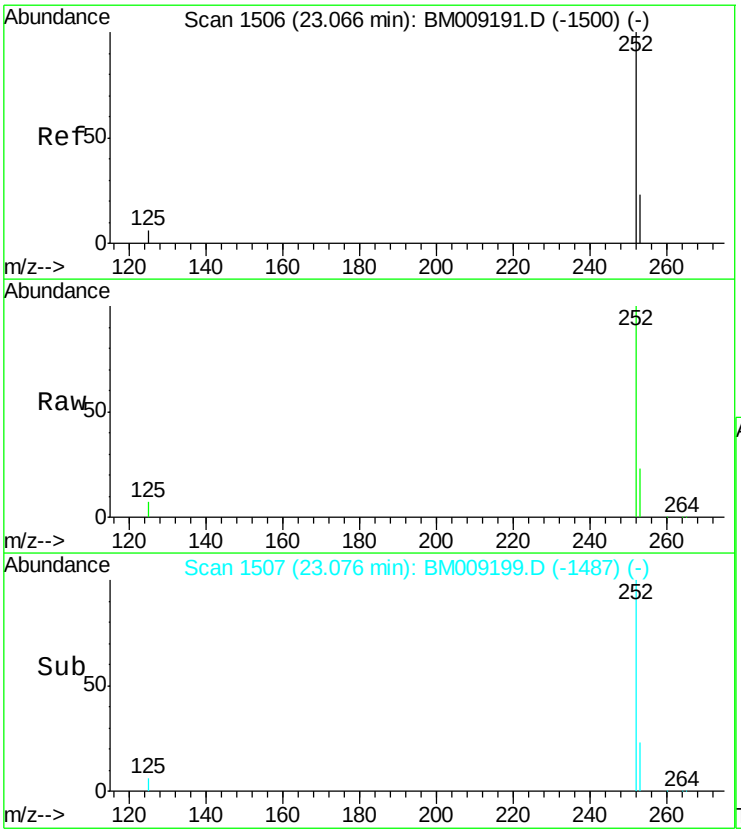
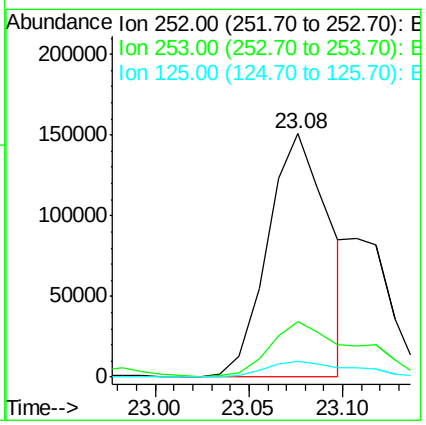
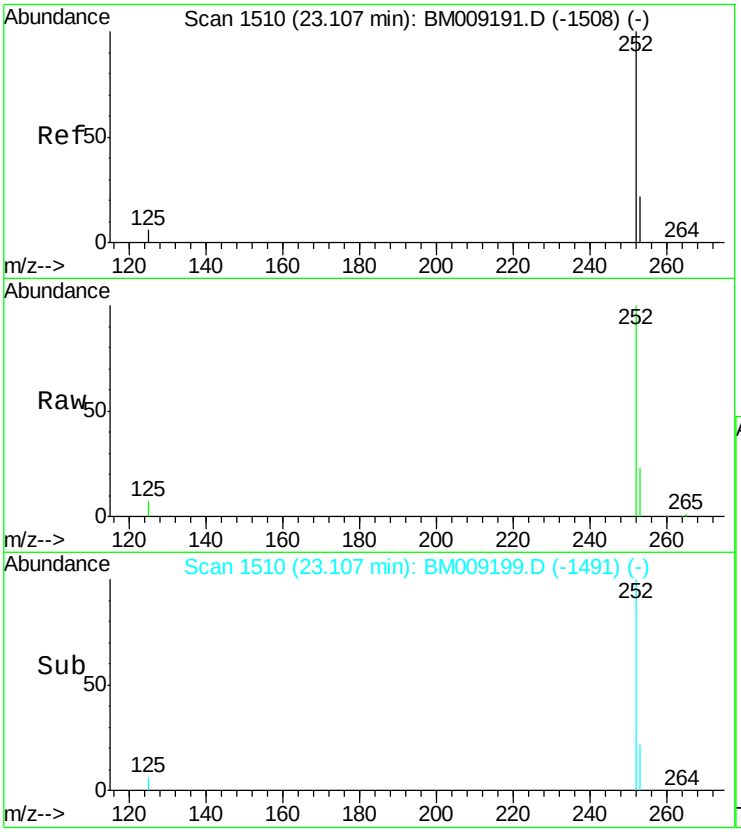


#21
Benzo(b)fluoranthene
Concen: 37.70 ng/ul m
RT: 23.08 min Scan# 1507
Delta R.T. 0.01 min
Lab File: BM009199.D
Acq: 11 Mar 2017 05:30

Tgt Ion:252 Resp: 341812

Ion	Ratio	Lower	Upper
252	100		
253	23.0	0.0	64.2
125	6.6	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 16.68 ng/ul m
RT: 23.11 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BM009199.D
Acq: 11 Mar 2017 05:30

Tgt Ion:252 Resp: 133720

Ion	Ratio	Lower	Upper
252	100		
253	22.5	24.5	36.7#
125	6.7	13.7	20.5#

Instrument :
BNA_M
ClientSampleId :
C0AJ8

Manual Integrations APPROVED
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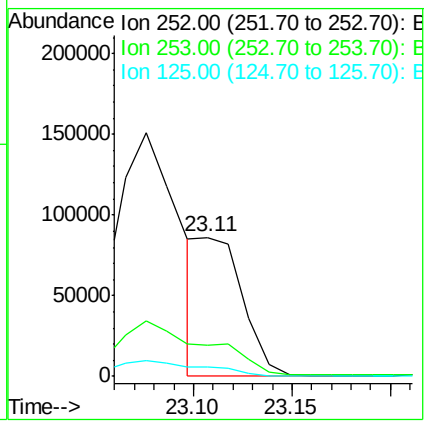
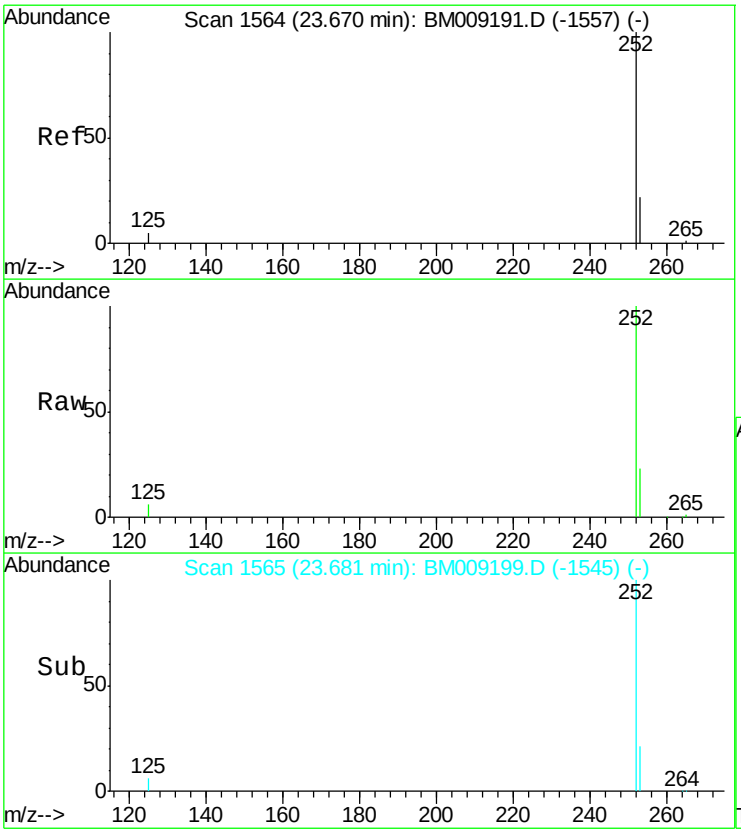
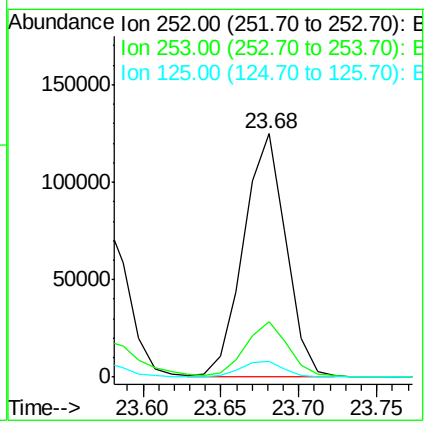


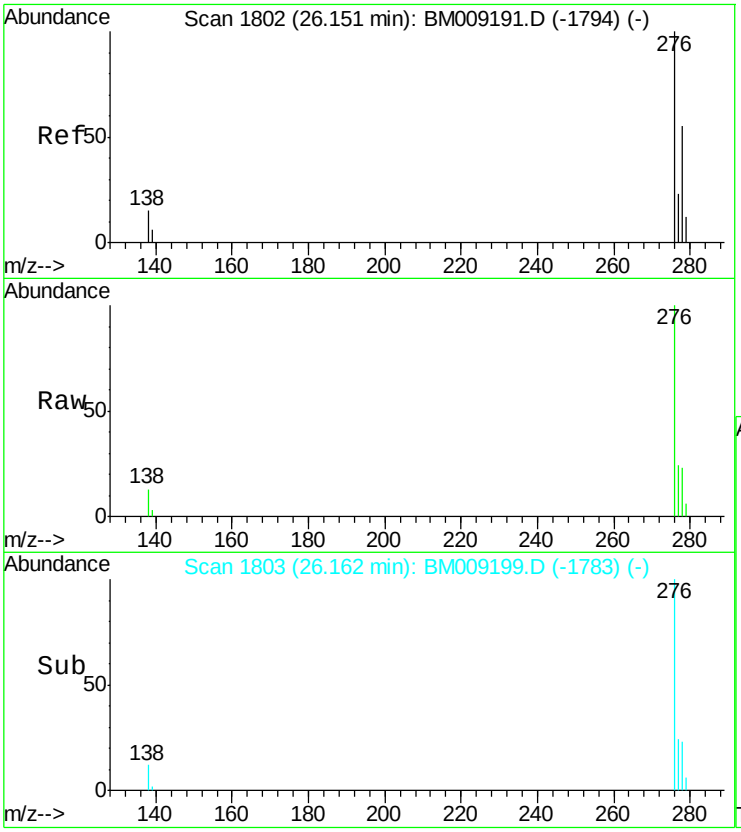


#23
Benzo(a)pyrene
Concen: 29.11 ng/ul m
RT: 23.68 min Scan# 1565
Delta R.T. 0.01 min
Lab File: BM009199.D
Acq: 11 Mar 2017 05:30

Tgt Ion:252 Resp: 237446

Ion	Ratio	Lower	Upper
252	100		
253	23.0	28.5	42.7#
125	6.4	18.1	27.1#





#24
Indeno(1,2,3-cd)pyrene
Concen: 13.15 ng/ul m
RT: 26.16 min Scan# 1803
Delta R.T. 0.01 min
Lab File: BM009199.D
Acq: 11 Mar 2017 05:30

Tgt Ion:276 Resp: 136481

Ion	Ratio	Lower	Upper
276	100		
138	0.4	19.1	28.7#
277	1.2	19.6	29.4#

Instrument :
BNA_M
ClientSampleId :
C0AJ8

Manual Integrations APPROVED
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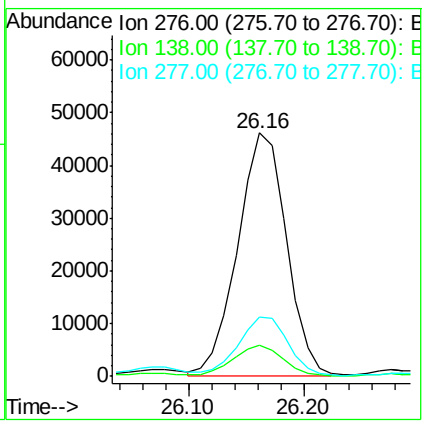
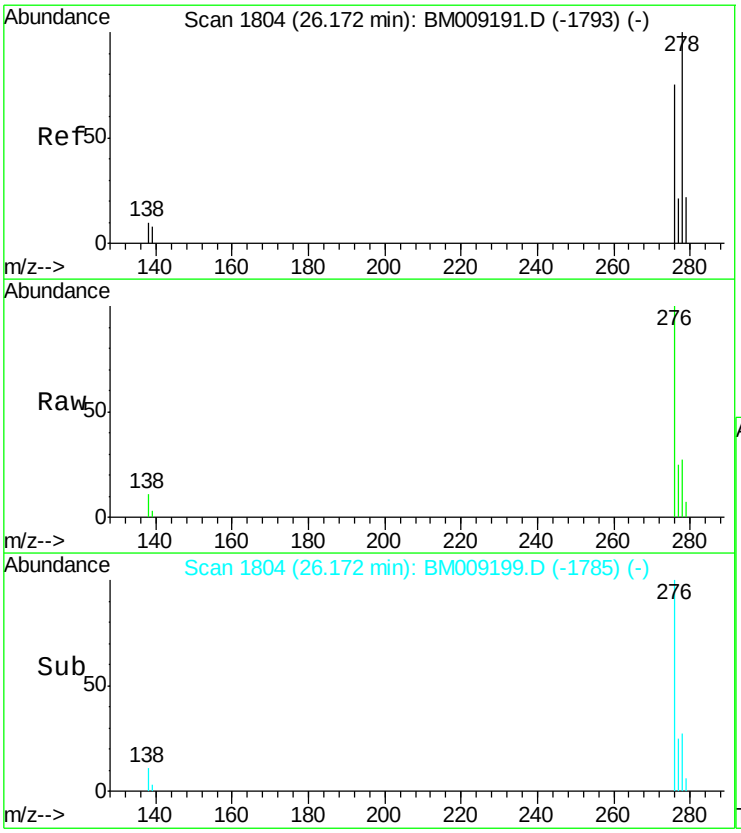
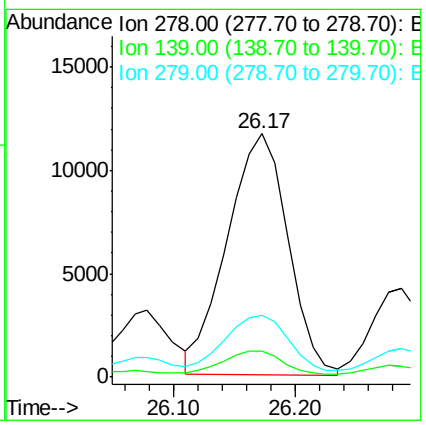


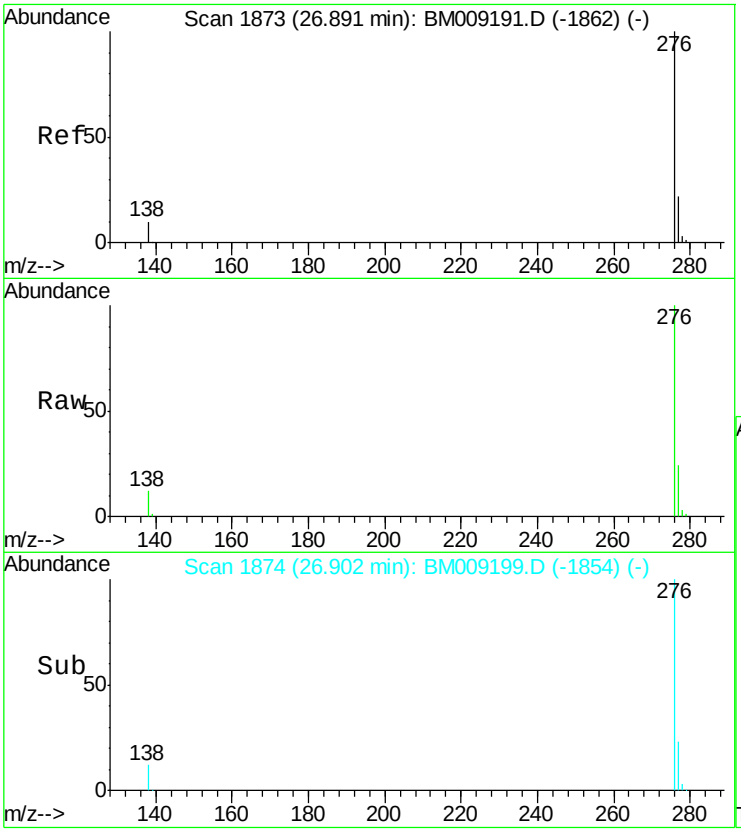


#25
Dibenzo(a,h)anthracene
Concen: 4.62 ng/ul m
RT: 26.17 min Scan# 1804
Delta R.T. 0.00 min
Lab File: BM009199.D
Acq: 11 Mar 2017 05:30

Tgt Ion:278 Resp: 40266

Ion	Ratio	Lower	Upper
278	100		
139	10.7	17.4	26.0#
279	25.4	25.9	38.9#

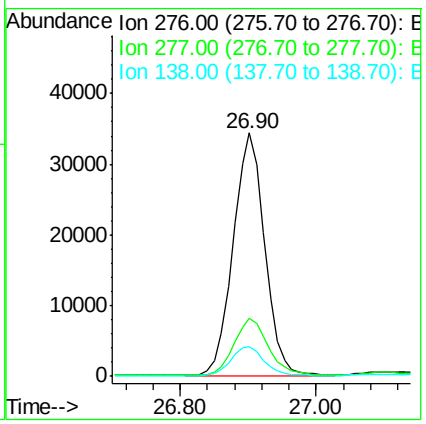




#26
Benzo(g,h,i)perylene
Concen: 12.75 ng/ul m
RT: 26.90 min Scan# 1874
Delta R.T. 0.01 min
Lab File: BM009199.D
Acq: 11 Mar 2017 05:30

Tgt Ion:276 Resp: 112838

Ion	Ratio	Lower	Upper
276	100		
277	23.7	21.8	32.8
138	12.3	20.5	30.7#



Instrument :
BNA_M
ClientSampleId :
C0AJ8

Manual Integrations APPROVED
mohammad
3/13/2017 2:15:25 PM