Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031117\
Data File : BM009207.D
Acq On : 11 Mar 2017 14:43
Operator : SJ/MA
Sample : I2107-04DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AJ3DL

Manual Integrations APPROVED
mohammad
3/13/2017 5:13:27 PM

Quant Time: Mar 13 11:49:17 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 13 11:21:07 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	243	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	792	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	454	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	1054	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	1214	0.40	ng/ul	0.00
20) Perylene-d12	23.77	264	1218	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	27	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	81	0.02	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.73	128	392	0.17	ng/ul#	69
5) 2-Methylnaphthalene	12.34	142	159	0.10	ng/ul	99
7) Acenaphthylene	14.23	152	117	0.05	ng/ul#	15
8) Acenaphthene	14.57	153	58	0.03	ng/ul#	82
9) Fluorene	15.56	166	78	0.04	ng/ul#	62
12) Phenanthrene	17.30	178	1446	0.44	ng/ul	94
15) Fluoranthene	19.31	202	3129	0.72	ng/ul	97
17) Pyrene	19.68	202	2662	0.64	ng/ul	96
18) Benzo(a)anthracene	21.42	228	1732	0.43	ng/ul	92
19) Chrysene	21.47	228	1814	0.47	ng/ul	91
21) Benzo(b)fluoranthene	23.07	252	3219m	0.67	ng/ul	
22) Benzo(k)fluoranthene	23.11	252	820m	0.19	ng/ul	
23) Benzo(a)pyrene	23.67	252	1851m	0.43	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.15	276	1505	0.27	ng/ul#	89
25) Dibenzo(a,h)anthracene	26.16	278	377	0.08	ng/ul#	43
26) Benzo(g,h,i)perylene	26.88	276	1405	0.30	ng/ul	94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031117\
Data File : BM009207.D
Acq On : 11 Mar 2017 14:43
Operator : SJ/MA
Sample : I2107-04DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 13 11:21:07 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AJ3DL

Manual Integrations APPROVED
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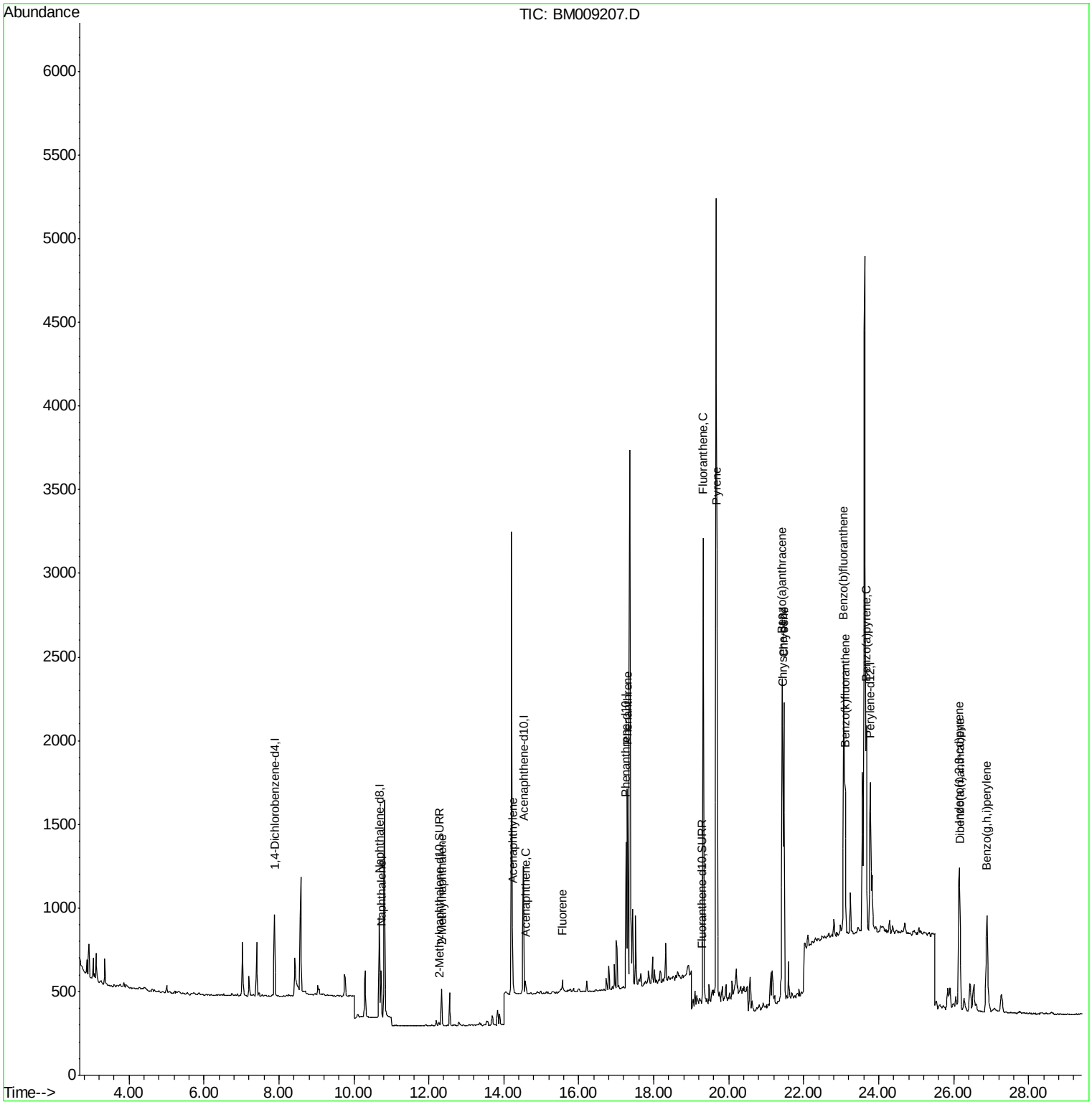

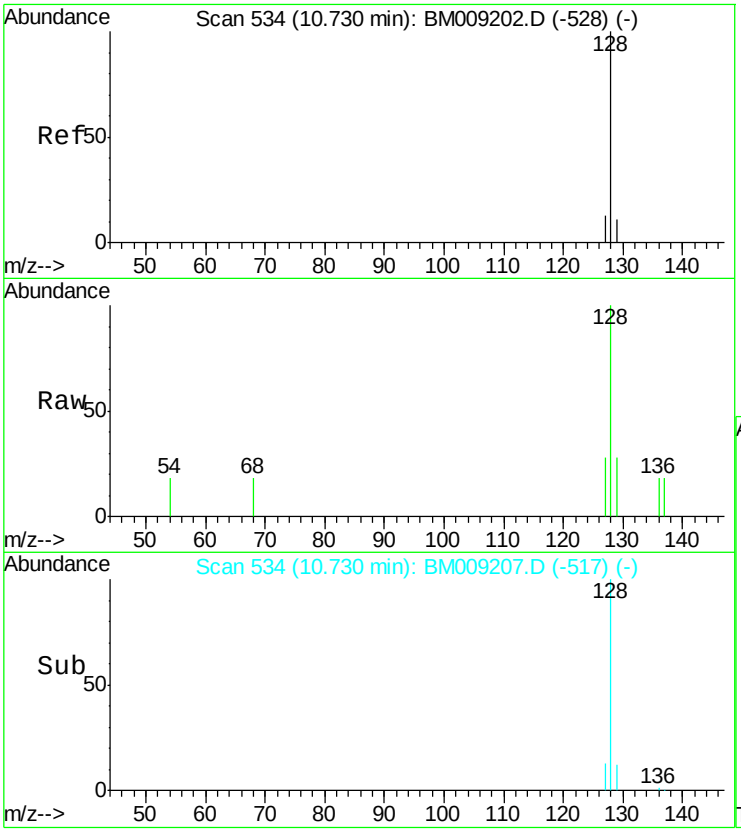

#3
Naphthalene
Concen: 0.17 ng/ul
RT: 10.73 min Scan# 534
Delta R.T. 0.00 min
Lab File: BM009207.D
Acq: 11 Mar 2017 14:43

Tgt Ion:128 Resp: 392

Ion	Ratio	Lower	Upper
128	100		
129	27.7	11.3	16.9#
127	28.1	12.8	19.2#

Instrument :
BNA_M
ClientSampleId :
C0AJ3DL

Manual Integrations APPROVED
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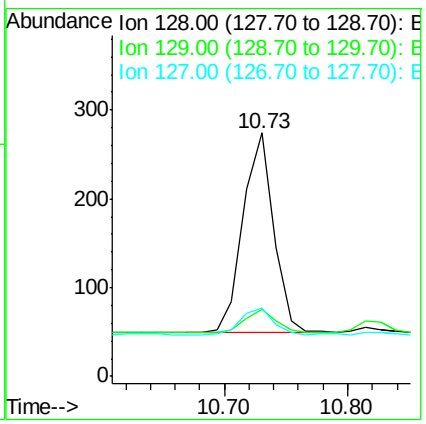
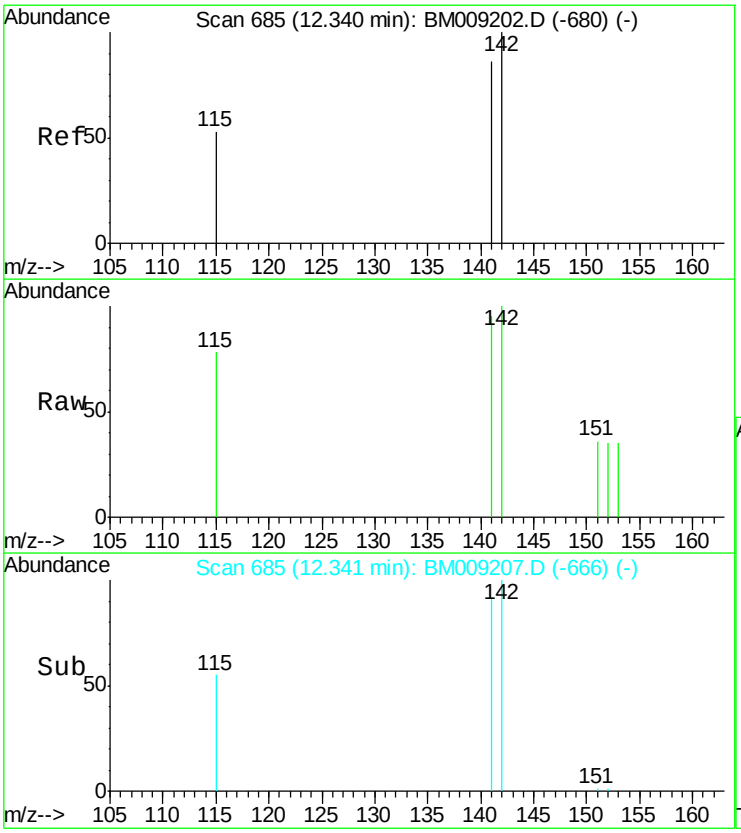
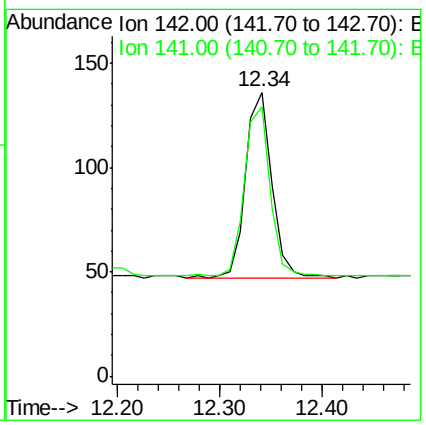


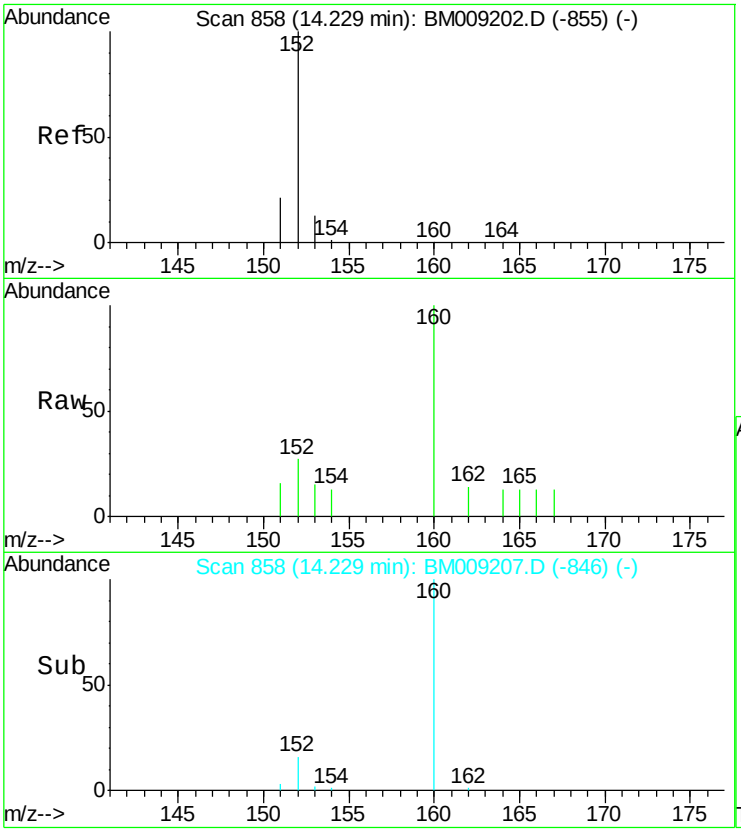


#5
2-Methylnaphthalene
Concen: 0.10 ng/ul
RT: 12.34 min Scan# 685
Delta R.T. 0.00 min
Lab File: BM009207.D
Acq: 11 Mar 2017 14:43

Tgt Ion:142 Resp: 159

Ion	Ratio	Lower	Upper
142	100		
141	89.3	72.6	108.8

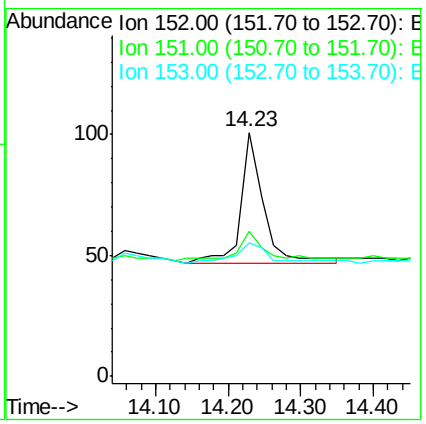




#7
Acenaphthylene
Concen: 0.05 ng/ul
RT: 14.23 min Scan# 858
Delta R.T. 0.00 min
Lab File: BM009207.D
Acq: 11 Mar 2017 14:43

Tgt Ion:152 Resp: 117

Ion	Ratio	Lower	Upper
152	100		
151	59.4	17.1	25.7#
153	54.5	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
C0AJ3DL

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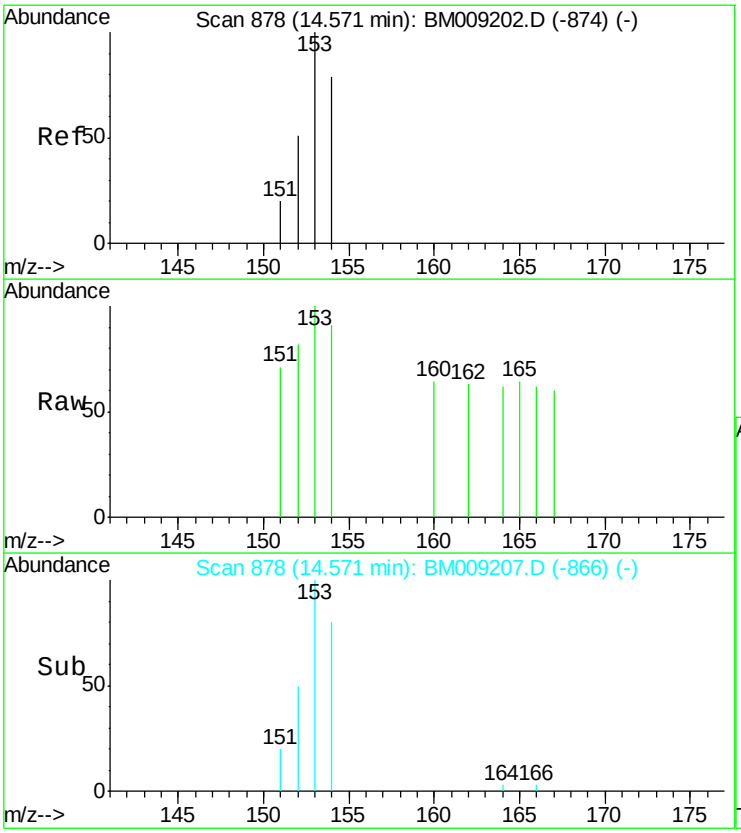
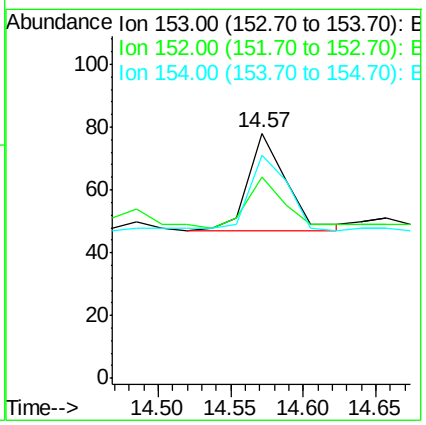
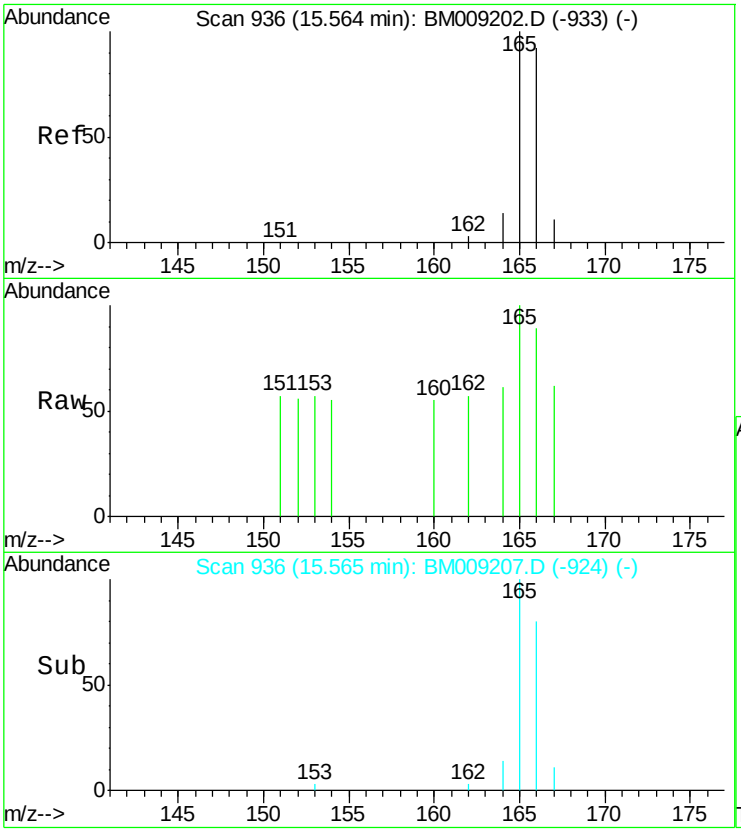


#8
Acenaphthene
Concen: 0.03 ng/ul
RT: 14.57 min Scan# 878
Delta R.T. 0.00 min
Lab File: BM009207.D
Acq: 11 Mar 2017 14:43

Tgt Ion:153 Resp: 58

Ion	Ratio	Lower	Upper
153	100		
152	82.1	40.3	60.5#
154	91.0	71.4	107.2

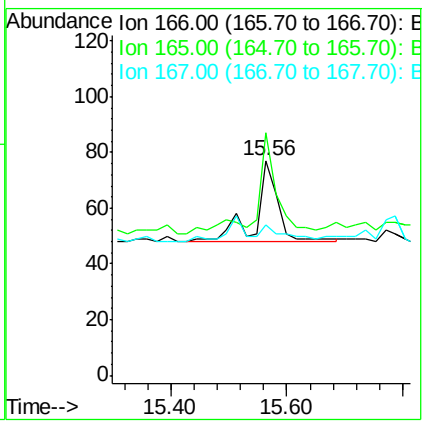




#9
Fluorene
Concen: 0.04 ng/ul
RT: 15.56 min Scan# 936
Delta R.T. 0.00 min
Lab File: BM009207.D
Acq: 11 Mar 2017 14:43

Tgt Ion:166 Resp: 78

Ion	Ratio	Lower	Upper
166	100		
165	113.0	73.4	110.2#
167	70.1	14.6	22.0#



Instrument :
BNA_M
ClientSampleId :
C0AJ3DL

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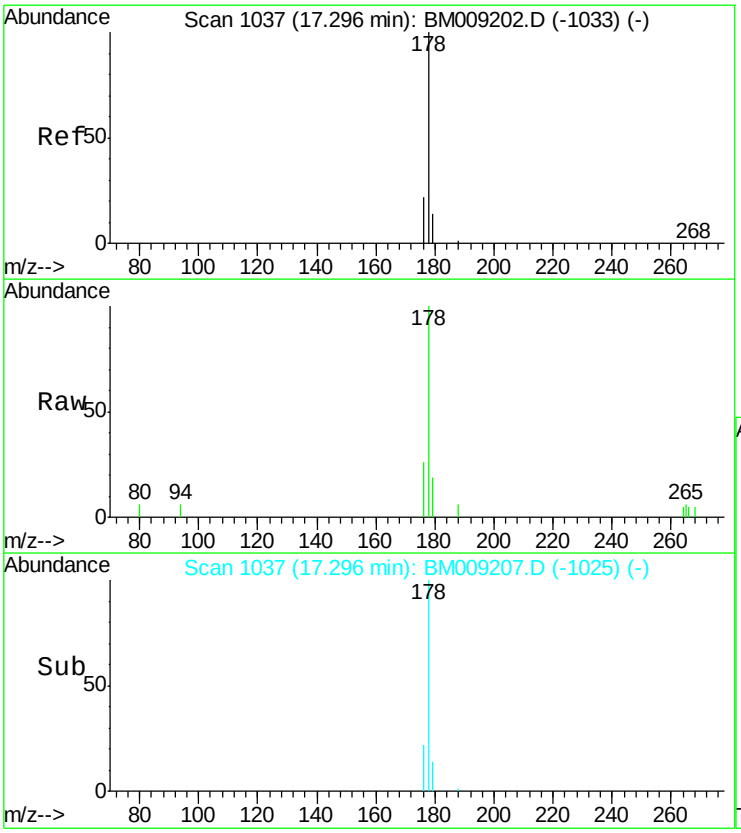
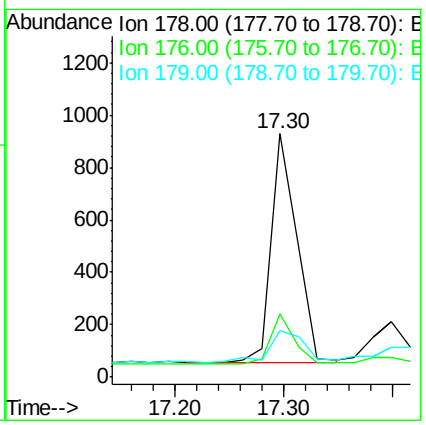
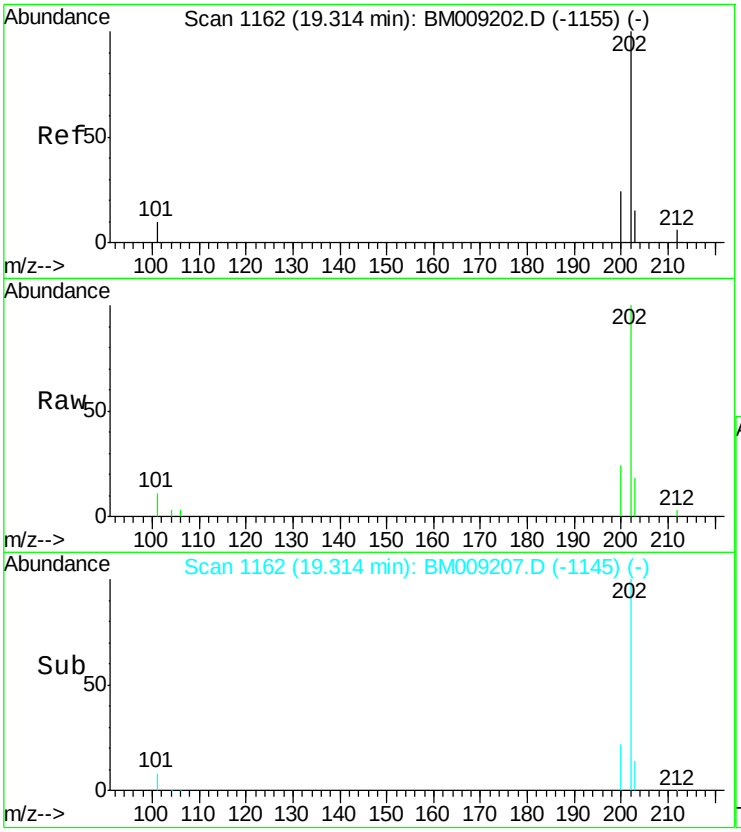


#12
Phenanthrene
Concen: 0.44 ng/ul
RT: 17.30 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BM009207.D
Acq: 11 Mar 2017 14:43

Tgt Ion:178 Resp: 1446

Ion	Ratio	Lower	Upper
178	100		
176	26.0	18.4	27.6
179	19.2	13.6	20.4

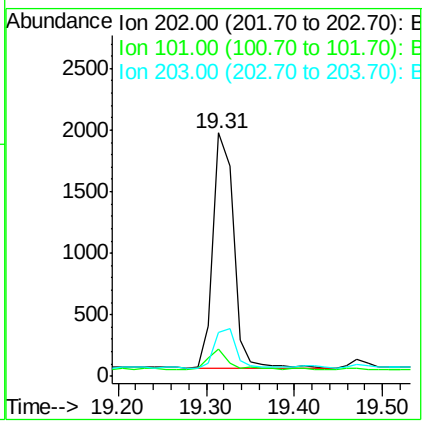




#15
Fluoranthene
Concen: 0.72 ng/ul
RT: 19.31 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BM009207.D
Acq: 11 Mar 2017 14:43

Tgt Ion:202 Resp: 3129

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	30.3
203	18.2	0.0	39.5



Instrument :
BNA_M
ClientSampleId :
C0AJ3DL

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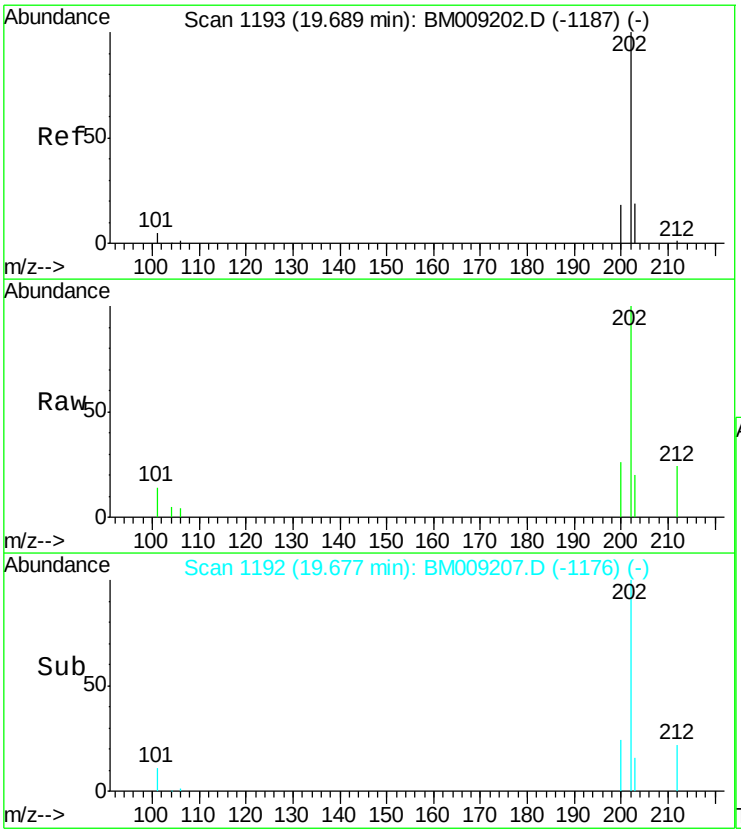
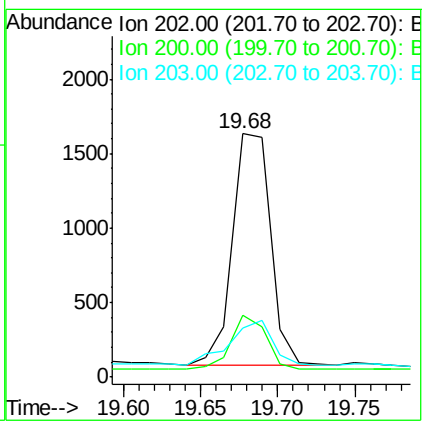
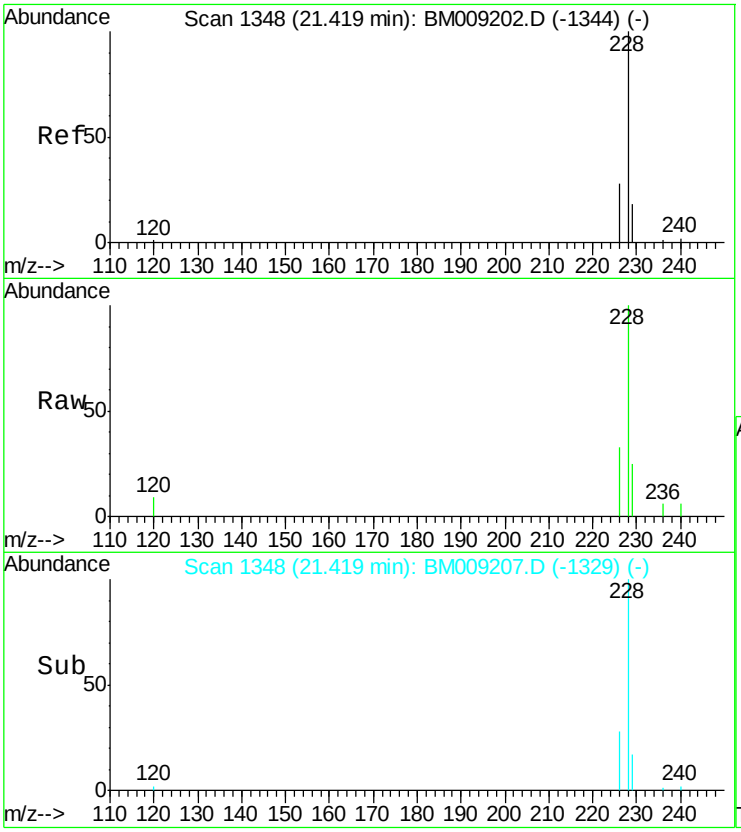


#17
Pyrene
Concen: 0.64 ng/ul
RT: 19.68 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BM009207.D
Acq: 11 Mar 2017 14:43

Tgt Ion:202 Resp: 2662

Ion	Ratio	Lower	Upper
202	100		
200	25.6	18.2	27.4
203	20.1	15.6	23.4

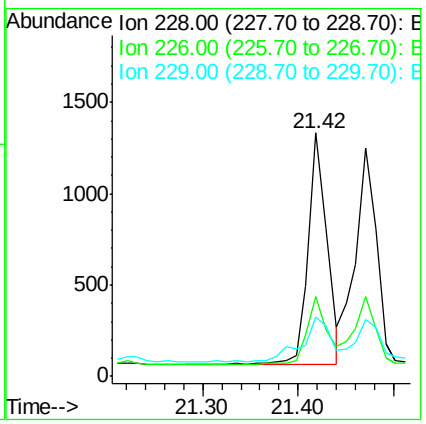




#18
Benzo(a)anthracene
Concen: 0.43 ng/ul
RT: 21.42 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BM009207.D
Acq: 11 Mar 2017 14:43

Tgt Ion:228 Resp: 1732

Ion	Ratio	Lower	Upper
228	100		
226	32.8	22.8	34.2
229	24.5	17.0	25.6



Instrument :
BNA_M
ClientSampleId :
C0AJ3DL

Manual Integrations APPROVED
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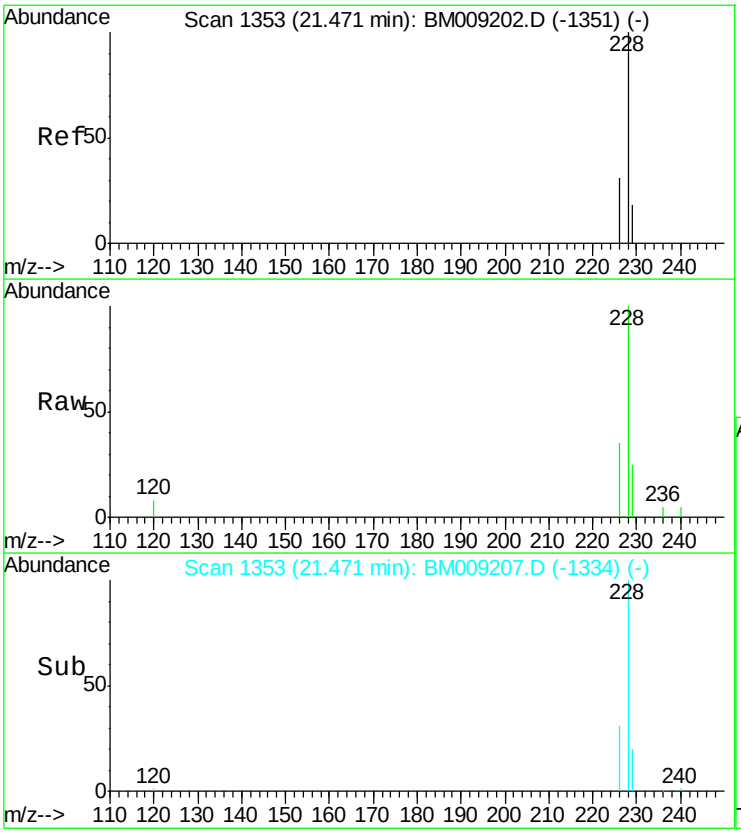
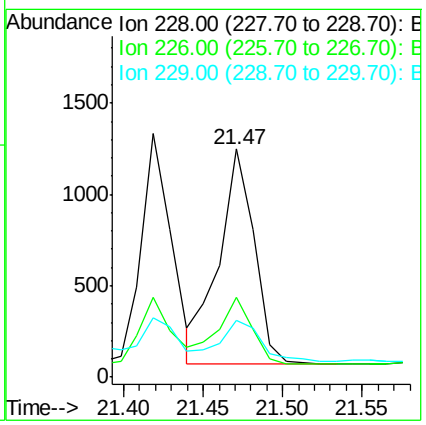
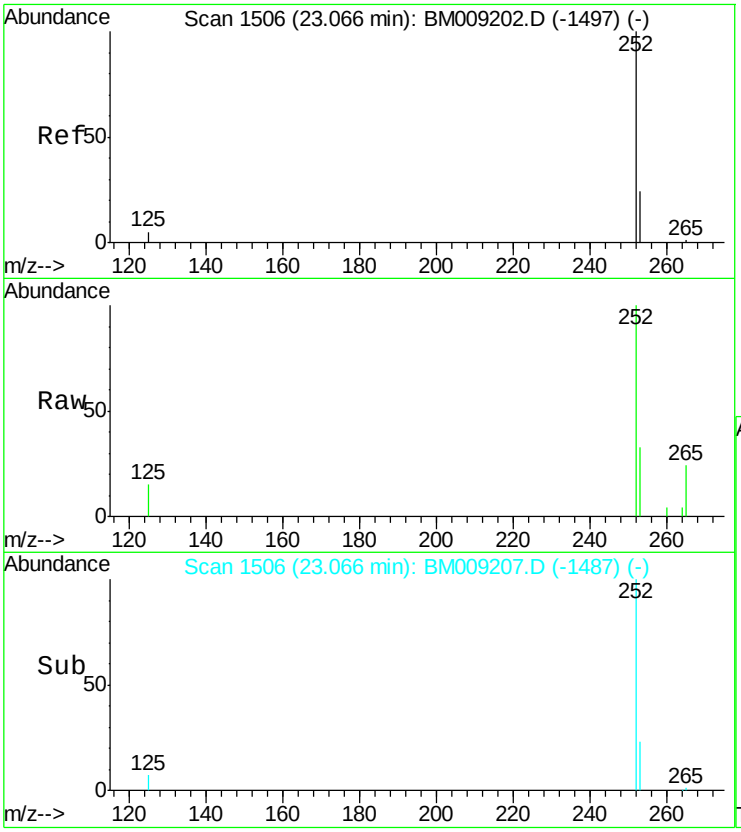


#19
Chrysene
Concen: 0.47 ng/ul
RT: 21.47 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BM009207.D
Acq: 11 Mar 2017 14:43

Tgt Ion:228 Resp: 1814

Ion	Ratio	Lower	Upper
228	100		
226	34.8	23.4	35.0
229	25.0	17.7	26.5

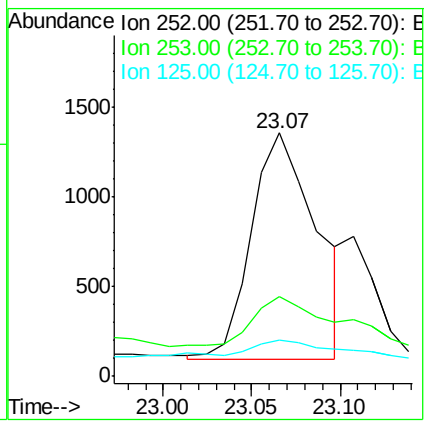




#21
Benzo(b)fluoranthene
Concen: 0.67 ng/ul m
RT: 23.07 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BM009207.D
Acq: 11 Mar 2017 14:43

Tgt Ion:252 Resp: 3219

Ion	Ratio	Lower	Upper
252	100		
253	32.7	0.0	64.2
125	14.7	0.0	35.0



Instrument :
BNA_M
ClientSampleId :
C0AJ3DL

Manual Integrations APPROVED
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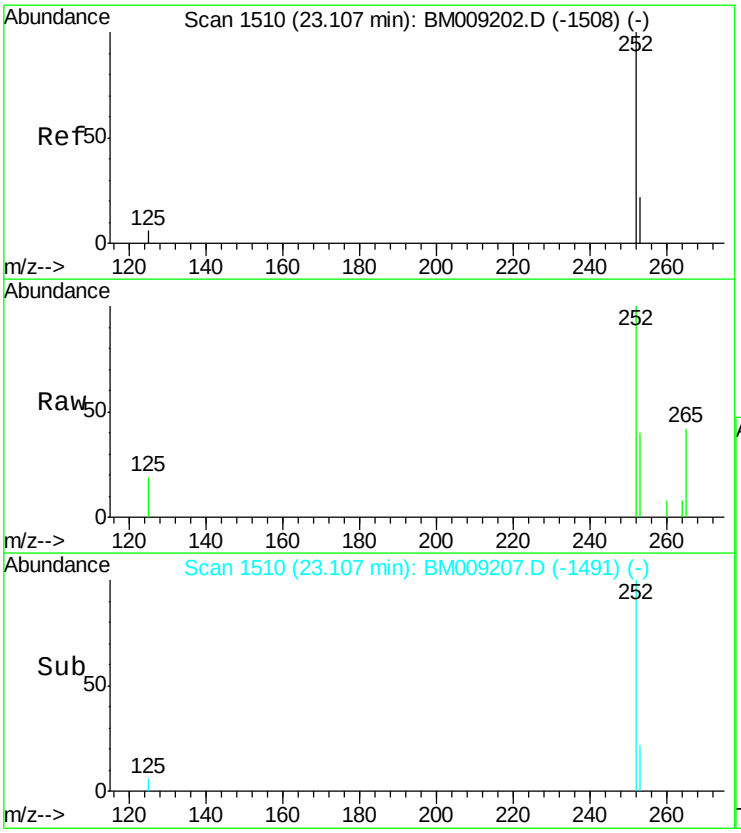
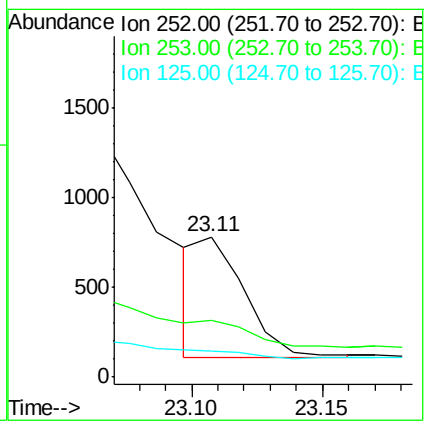
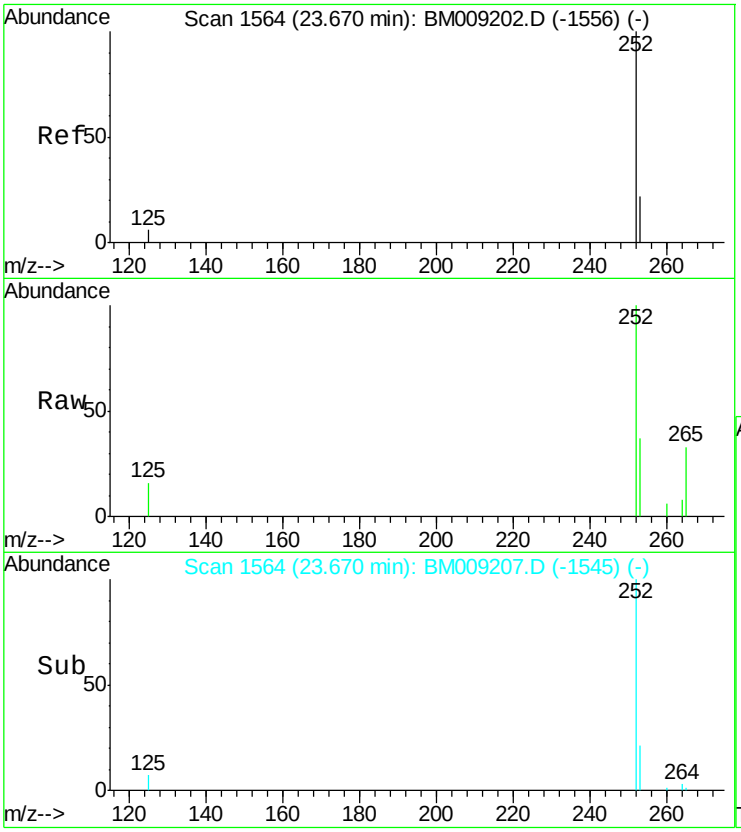


#22
Benzo(k)fluoranthene
Concen: 0.19 ng/ul m
RT: 23.11 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BM009207.D
Acq: 11 Mar 2017 14:43

Tgt Ion:252 Resp: 820

Ion	Ratio	Lower	Upper
252	100		
253	40.5	24.5	36.7#
125	18.6	13.7	20.5





#23
Benzo(a)pyrene
Concen: 0.43 ng/ul m
RT: 23.67 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BM009207.D
Acq: 11 Mar 2017 14:43

Tgt Ion:252 Resp: 1851

Ion	Ratio	Lower	Upper
252	100		
253	36.5	28.5	42.7
125	16.1	18.1	27.1#

Instrument :
BNA_M
ClientSampleId :
C0AJ3DL

Manual Integrations APPROVED
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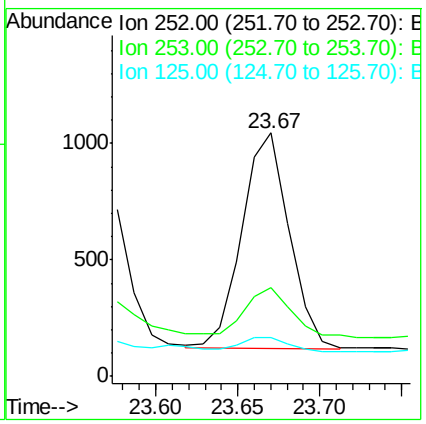
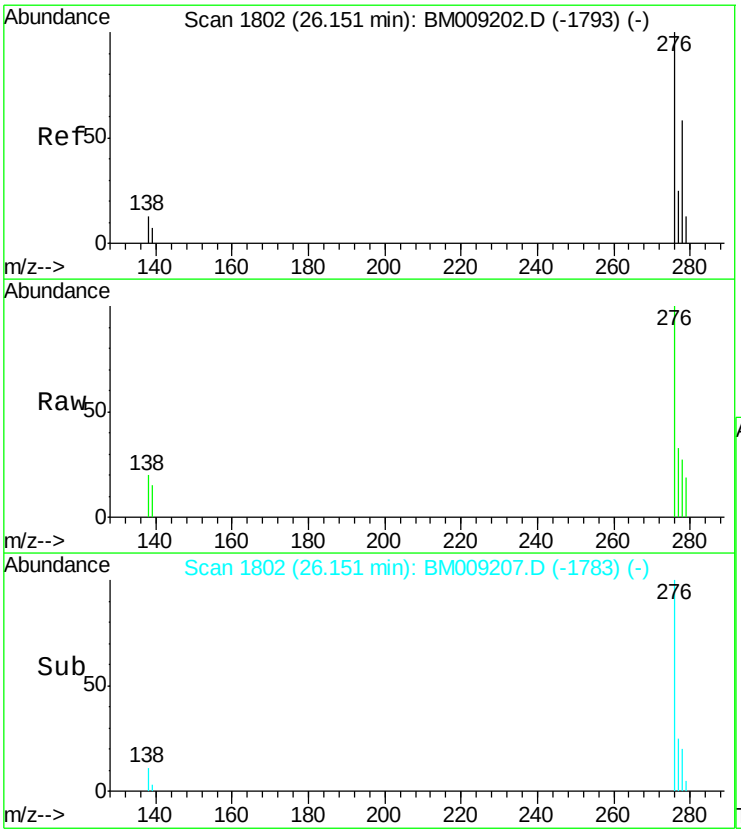
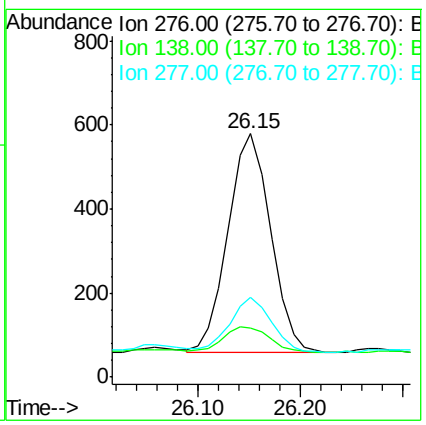


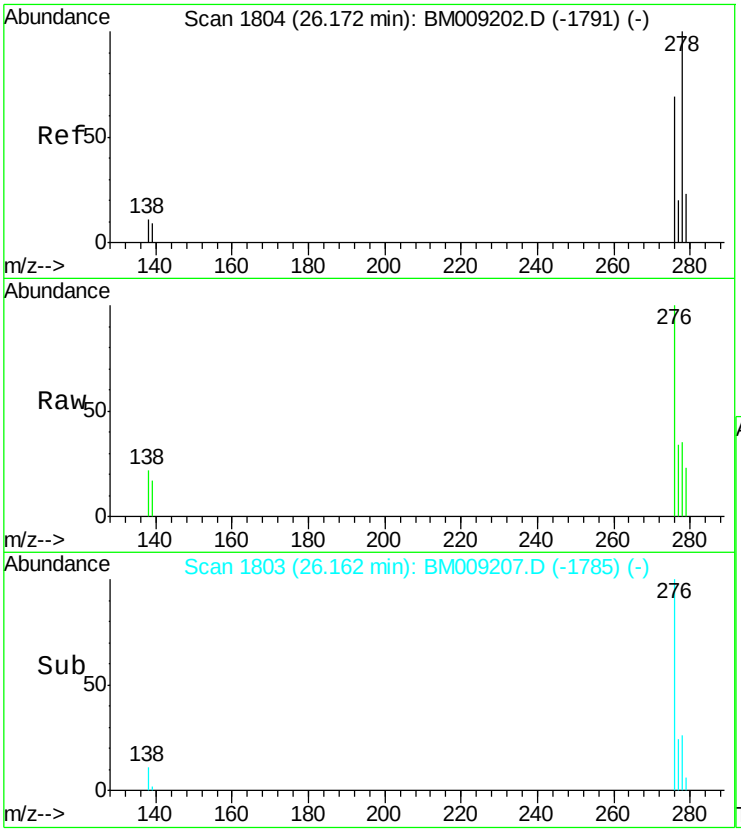


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.27 ng/ul
RT: 26.15 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BM009207.D
Acq: 11 Mar 2017 14:43

Tgt Ion:276 Resp: 1505

Ion	Ratio	Lower	Upper
276	100		
138	12.8	19.1	28.7#
277	24.3	19.6	29.4





#25
Dibenzo(a,h)anthracene
Concen: 0.08 ng/ul
RT: 26.16 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BM009207.D
Acq: 11 Mar 2017 14:43

Tgt Ion:278 Resp: 377

Ion	Ratio	Lower	Upper
278	100		
139	47.9	17.4	26.0#
279	65.1	25.9	38.9#

Instrument :
BNA_M
ClientSampleId :
C0AJ3DL

Manual Integrations APPROVED
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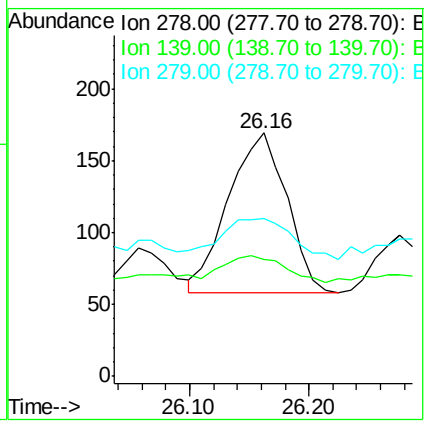
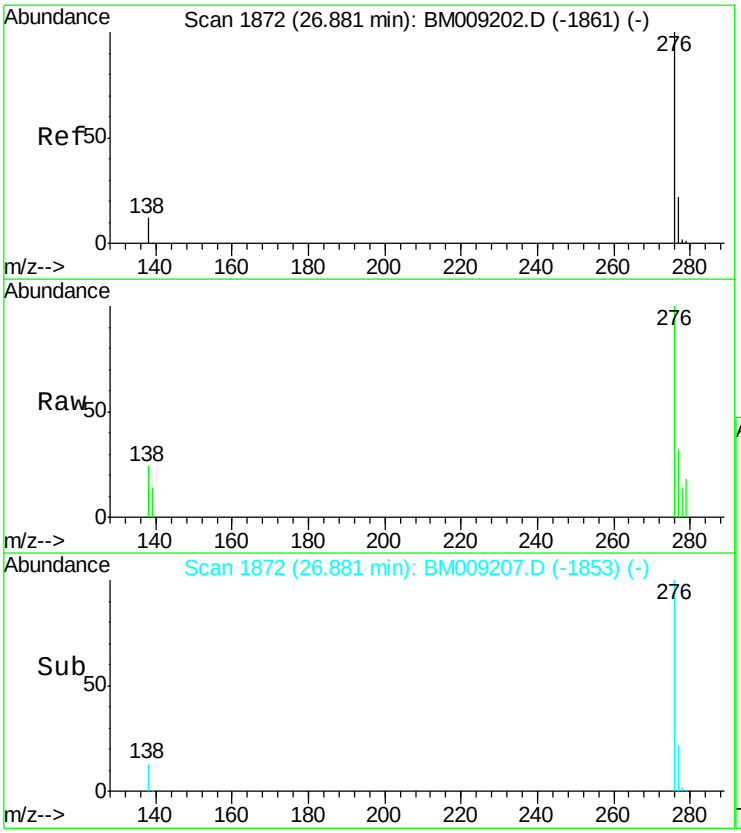
3/13/2017 5:13:27 PM





#26
Benzo(g,h,i)perylene
Concen: 0.30 ng/ul
RT: 26.88 min Scan# 1872
Delta R.T. 0.00 min
Lab File: BM009207.D
Acq: 11 Mar 2017 14:43

Tgt Ion:276 Resp: 1405

Ion	Ratio	Lower	Upper
276	100		
277	32.1	21.8	32.8
138	23.8	20.5	30.7