Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031117\
Data File : BM009211.D
Acq On : 11 Mar 2017 17:06
Operator : SJ/MA
Sample : I2107-17DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AL3DL

Manual Integrations APPROVED
mohammad
3/13/2017 5:13:37 PM

Quant Time: Mar 13 12:06:17 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	228	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	702	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	392	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	906	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	920	0.40	ng/ul	0.00
20) Perylene-d12	23.77	264	916	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	39	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	104	0.04	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.30	178	686	0.24	ng/ul#	85
13) Anthracene	17.40	178	162	0.06	ng/ul#	33
15) Fluoranthene	19.31	202	1255	0.34	ng/ul	95
17) Pyrene	19.68	202	1057	0.33	ng/ul#	89
18) Benzo(a)anthracene	21.42	228	520	0.17	ng/ul#	83
19) Chrysene	21.47	228	504	0.17	ng/ul#	79
21) Benzo(b)fluoranthene	23.07	252	734m	0.20	ng/ul	
22) Benzo(k)fluoranthene	23.11	252	201m	0.06	ng/ul	
23) Benzo(a)pyrene	23.67	252	490	0.15	ng/ul#	70
24) Indeno(1,2,3-cd)pyrene	26.15	276	338	0.08	ng/ul#	88
26) Benzo(g,h,i)perylene	26.88	276	313	0.09	ng/ul#	57

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

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Instrument :
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ClientSampleId :
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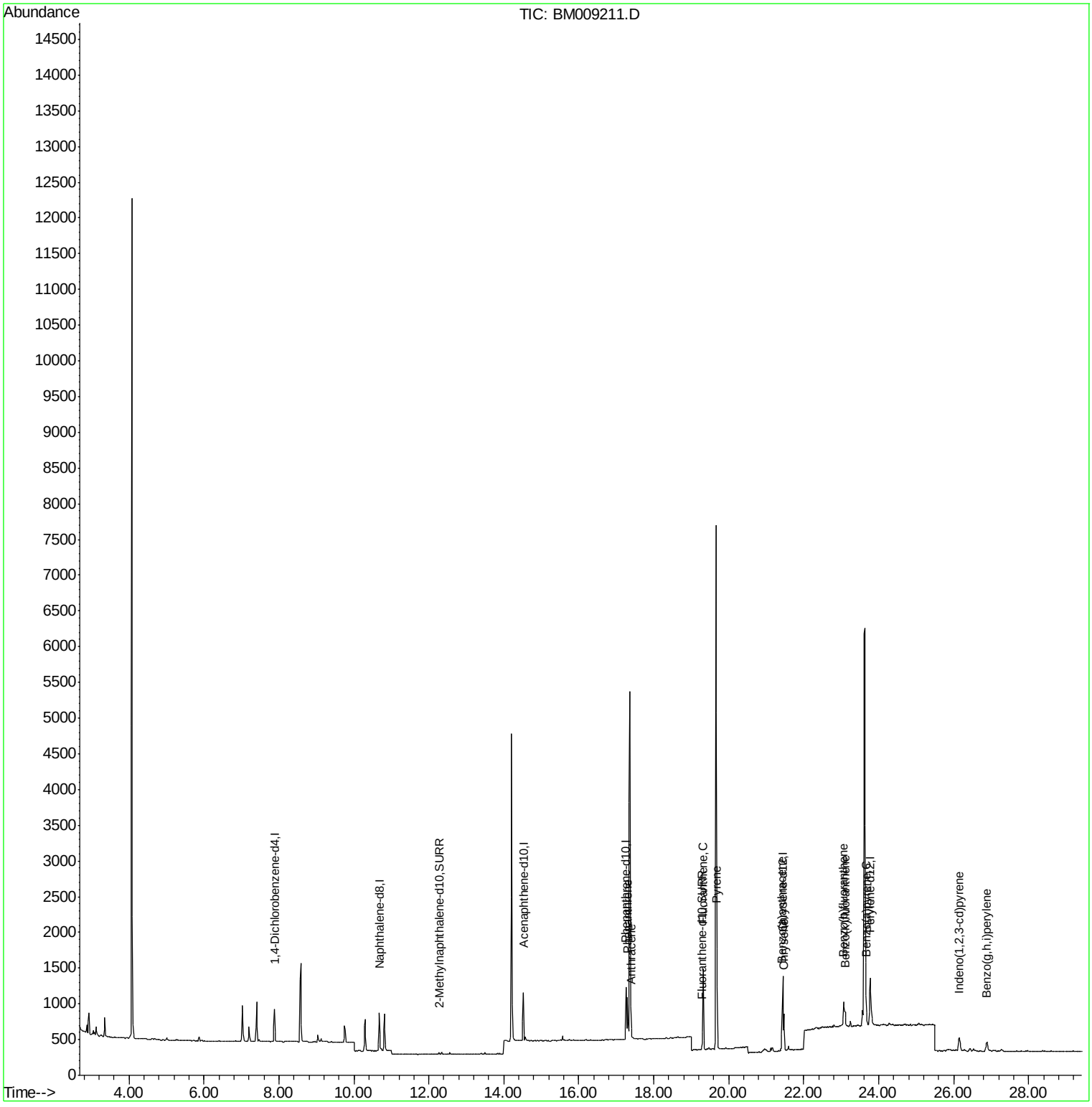

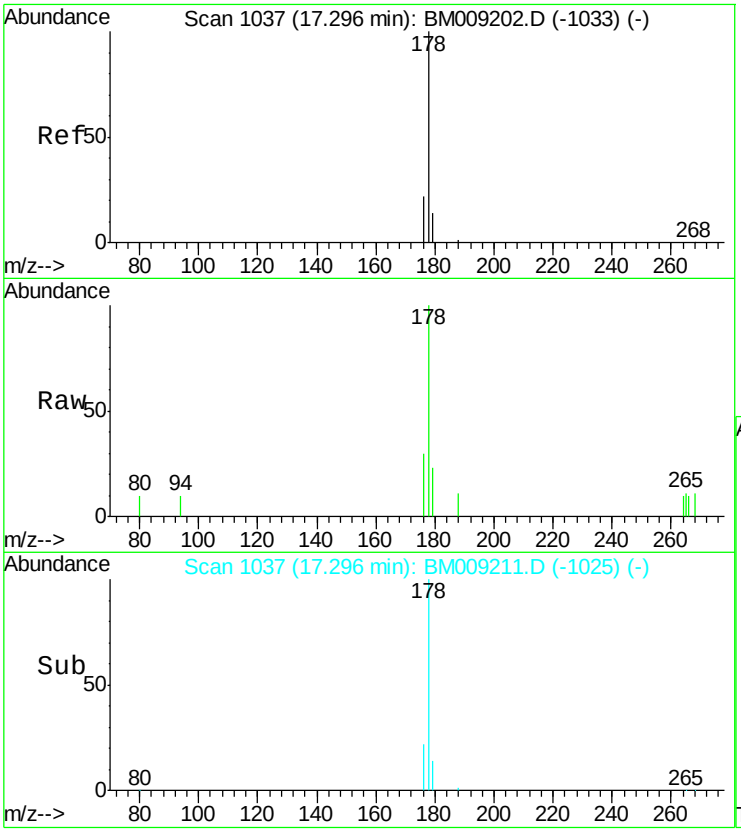

#12
Phenanthrene
Concen: 0.24 ng/ul
RT: 17.30 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BM009211.D
Acq: 11 Mar 2017 17:06

Tgt Ion:178 Resp: 686

Ion	Ratio	Lower	Upper
178	100		
176	30.1	18.4	27.6#
179	23.4	13.6	20.4#

Instrument :
BNA_M
ClientSampleId :
C0AL3DL

Manual Integrations APPROVED
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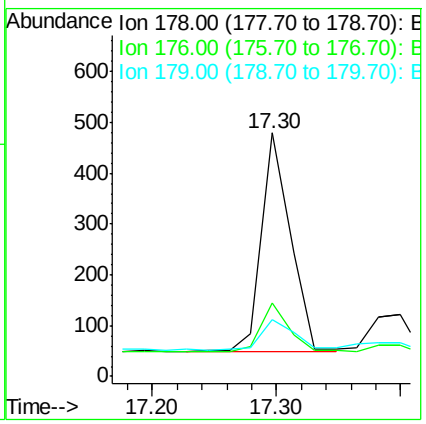
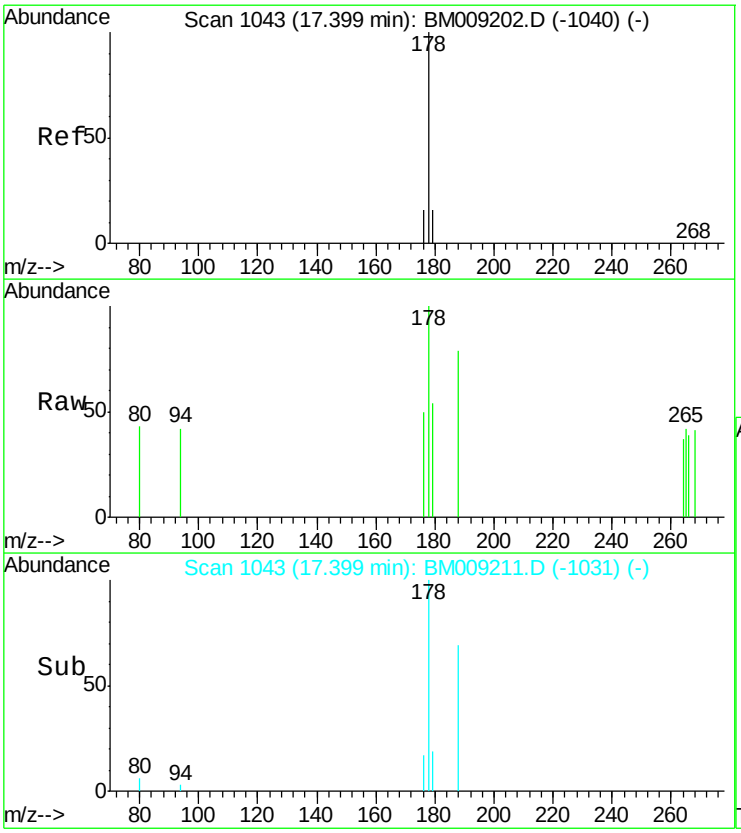
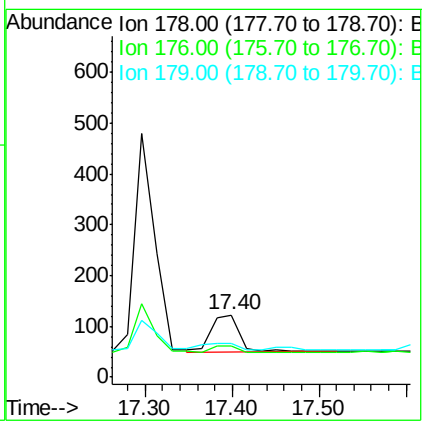


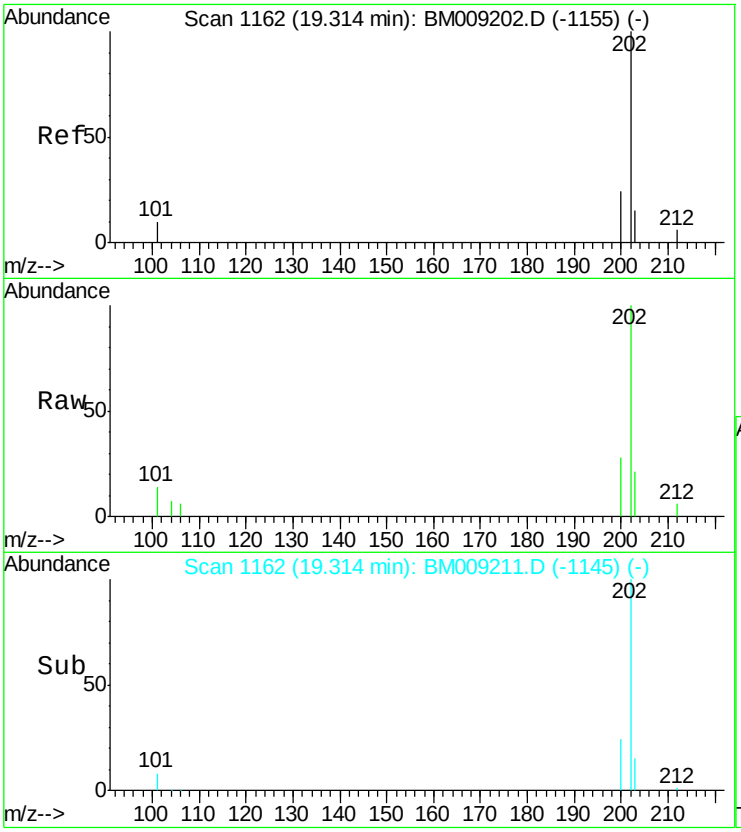


#13
Anthracene
Concen: 0.06 ng/ul
RT: 17.40 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BM009211.D
Acq: 11 Mar 2017 17:06

Tgt Ion:178 Resp: 162

Ion	Ratio	Lower	Upper
178	100		
176	49.6	18.1	27.1#
179	54.5	14.7	22.1#





#15
Fluoranthene
Concen: 0.34 ng/ul
RT: 19.31 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BM009211.D
Acq: 11 Mar 2017 17:06

Tgt Ion:202 Resp: 1255

Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	30.3
203	20.8	0.0	39.5

Instrument :
BNA_M
ClientSampleId :
C0AL3DL

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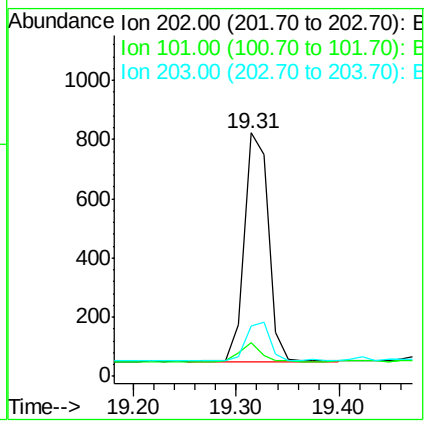
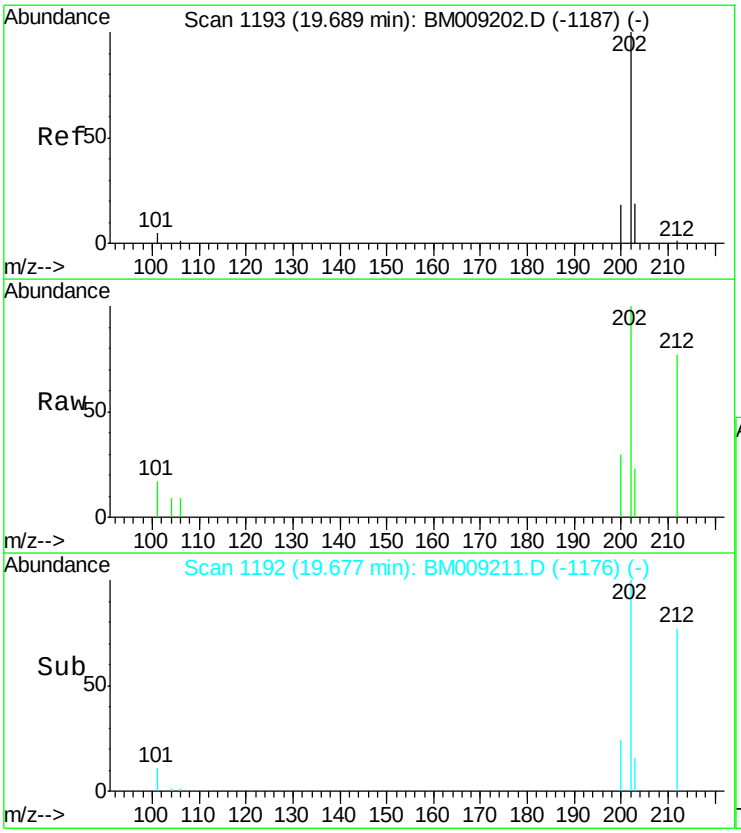
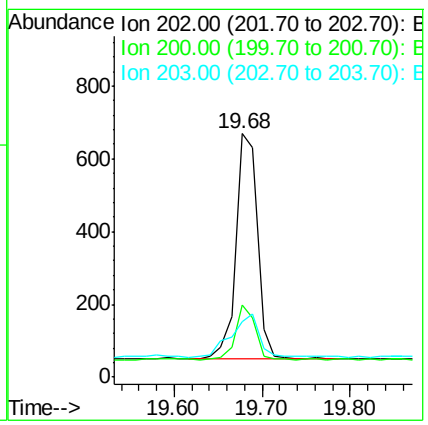


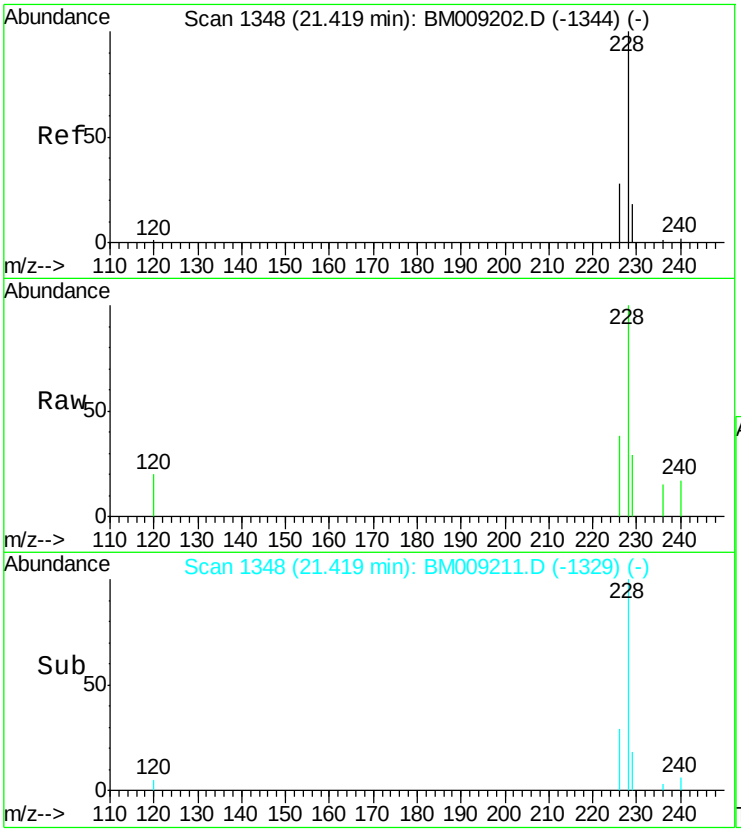


#17
Pyrene
Concen: 0.33 ng/ul
RT: 19.68 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BM009211.D
Acq: 11 Mar 2017 17:06

Tgt Ion:202 Resp: 1057

Ion	Ratio	Lower	Upper
202	100		
200	29.6	18.2	27.4#
203	23.0	15.6	23.4





#18
Benzo(a)anthracene
Concen: 0.17 ng/ul
RT: 21.42 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BM009211.D
Acq: 11 Mar 2017 17:06

Instrument :
BNA_M
ClientSampleId :
C0AL3DL

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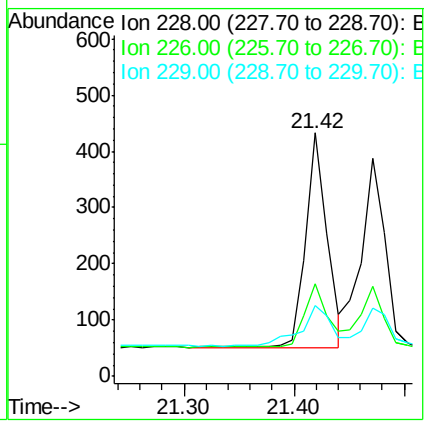
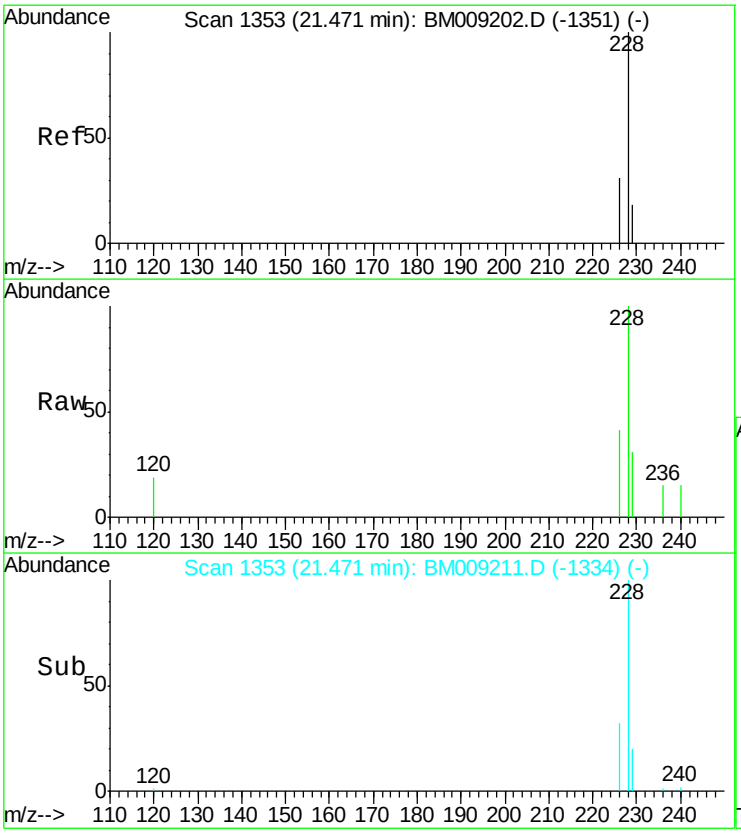
Tgt Ion:228 Resp: 520

Ion	Ratio	Lower	Upper
228	100		
226	37.9	22.8	34.2#
229	28.9	17.0	25.6#

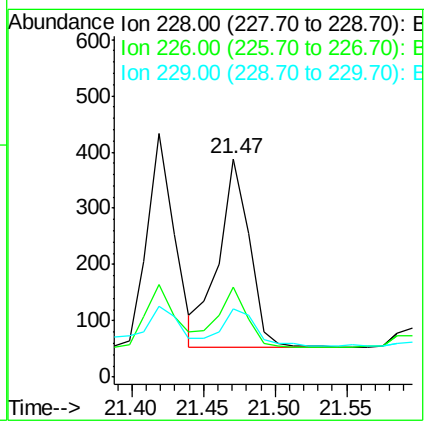


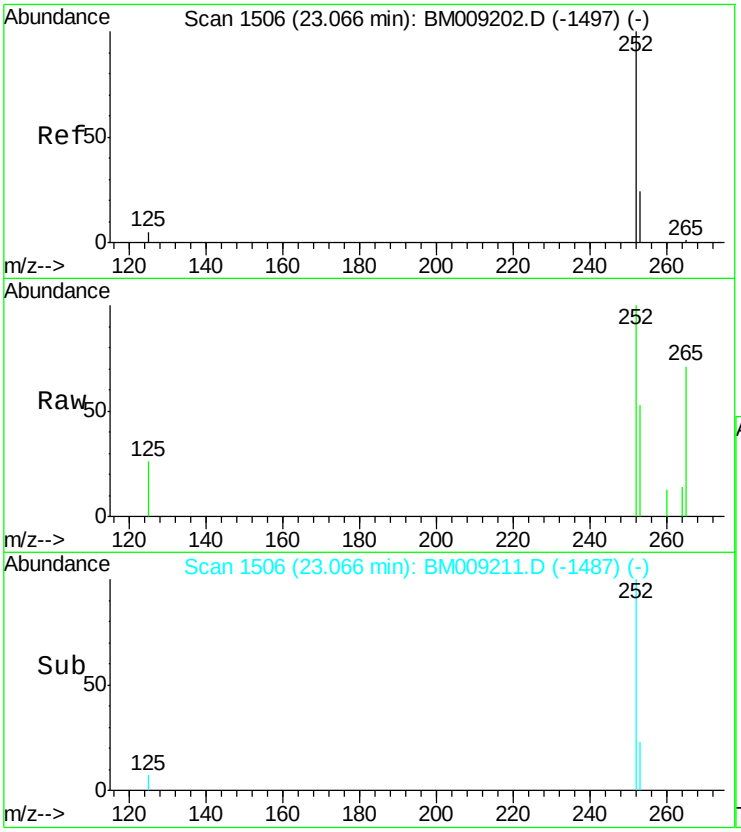


#19
Chrysene
Concen: 0.17 ng/ul
RT: 21.47 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BM009211.D
Acq: 11 Mar 2017 17:06

Tgt Ion:228 Resp: 504

Ion	Ratio	Lower	Upper
228	100		
226	41.0	23.4	35.0#
229	31.4	17.7	26.5#

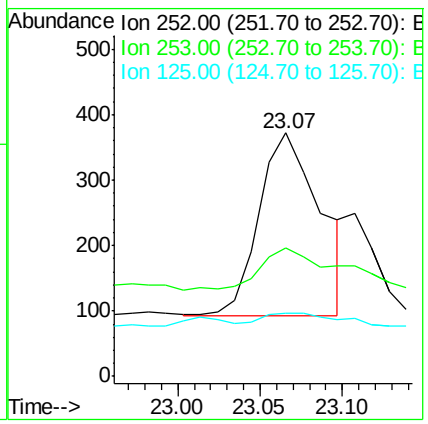




#21
Benzo(b)fluoranthene
Concen: 0.20 ng/ul m
RT: 23.07 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BM009211.D
Acq: 11 Mar 2017 17:06

Tgt Ion:252 Resp: 734

Ion	Ratio	Lower	Upper
252	100		
253	52.7	0.0	64.2
125	26.1	0.0	35.0



Instrument :
BNA_M
ClientSampleId :
C0AL3DL

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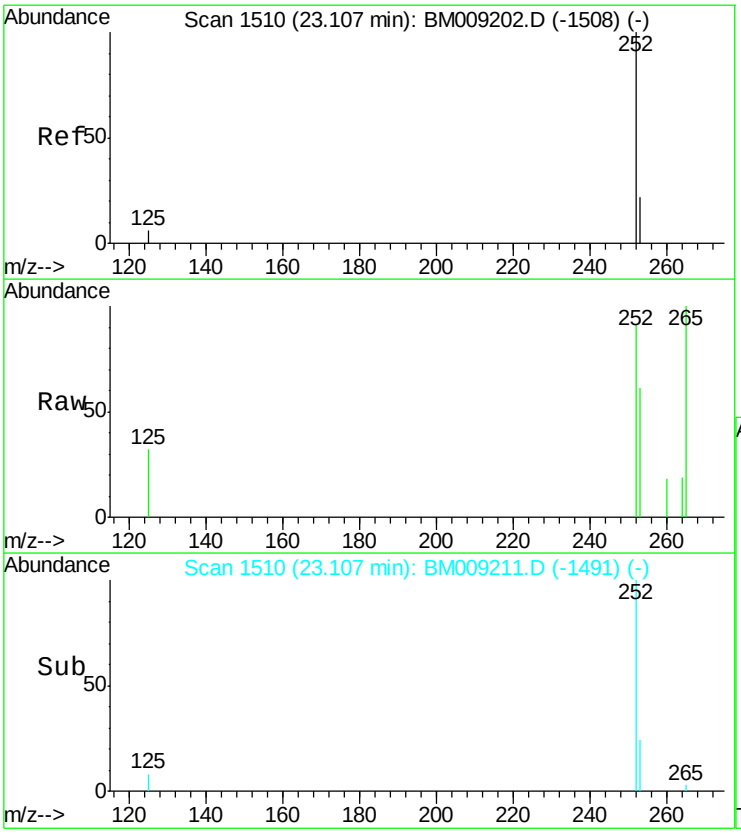
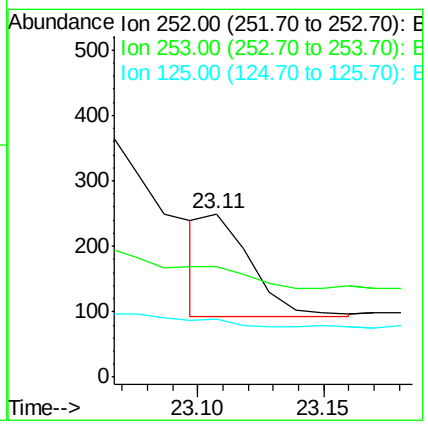
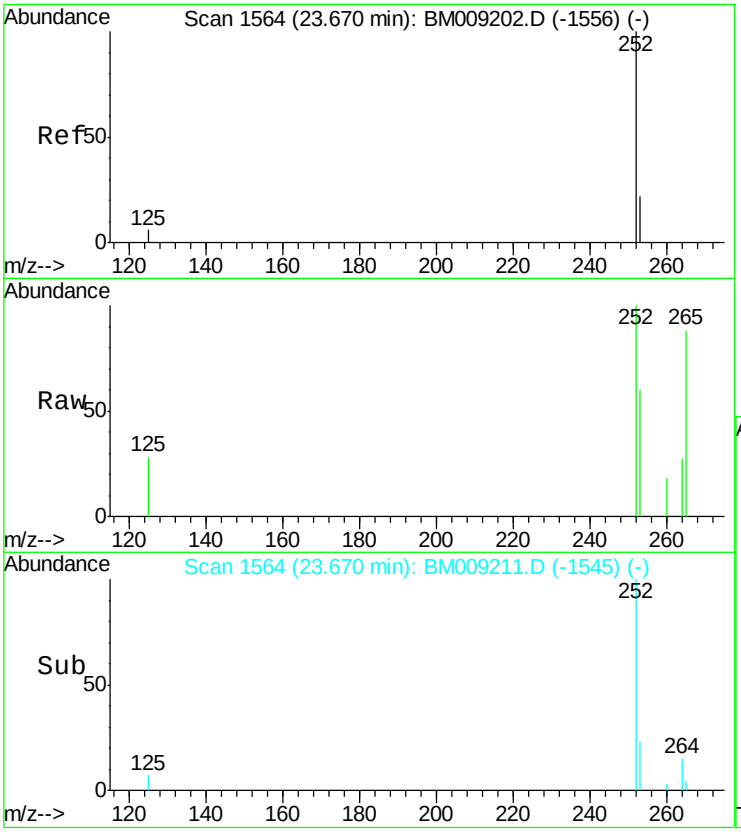


#22
Benzo(k)fluoranthene
Concen: 0.06 ng/ul m
RT: 23.11 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BM009211.D
Acq: 11 Mar 2017 17:06

Tgt Ion:252 Resp: 201

Ion	Ratio	Lower	Upper
252	100		
253	67.6	24.5	36.7#
125	35.2	13.7	20.5#





#23
Benzo(a)pyrene
Concen: 0.15 ng/ul
RT: 23.67 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BM009211.D
Acq: 11 Mar 2017 17:06

Instrument :
BNA_M
ClientSampleId :
C0AL3DL

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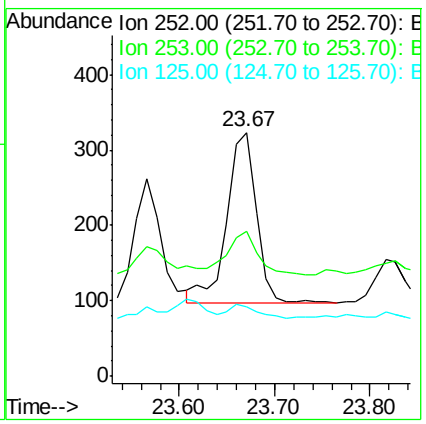
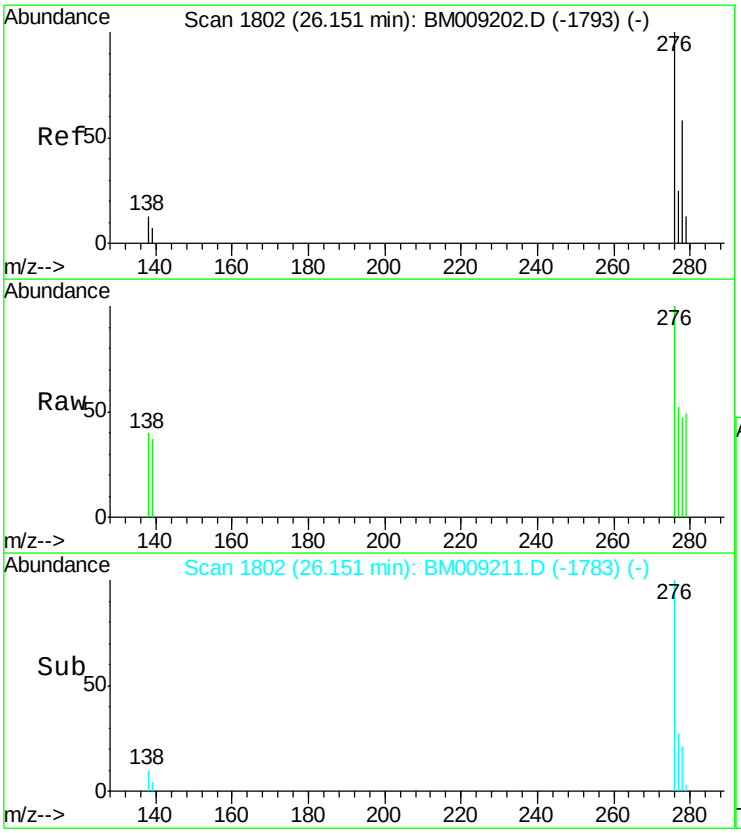
Tgt Ion:252 Resp: 490

Ion	Ratio	Lower	Upper
252	100		
253	59.8	28.5	42.7#
125	28.5	18.1	27.1#

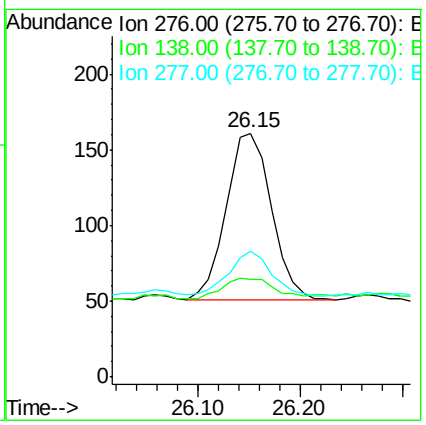


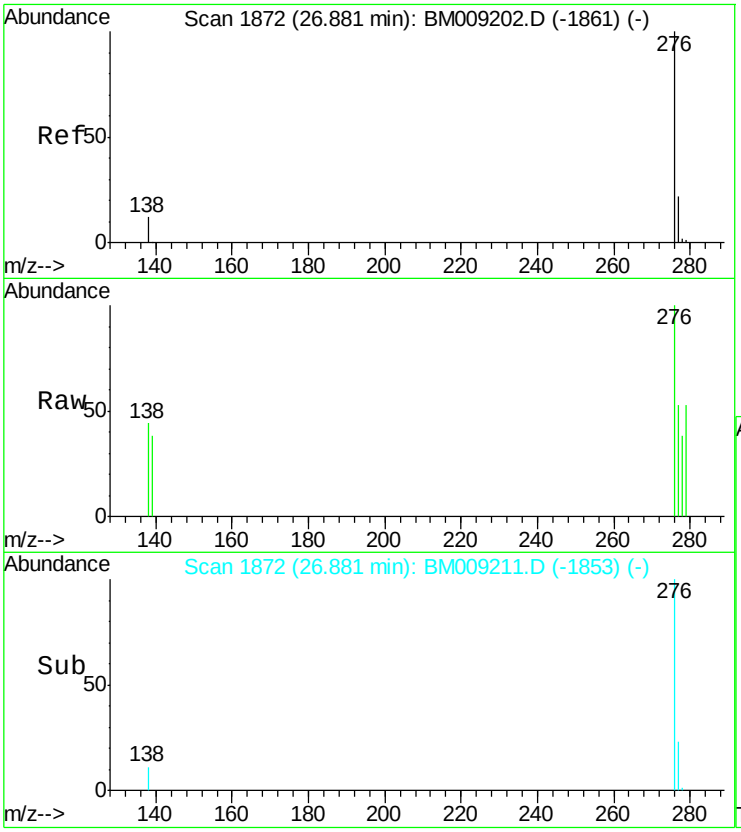


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.08 ng/ul
RT: 26.15 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BM009211.D
Acq: 11 Mar 2017 17:06

Tgt Ion:276 Resp: 338

Ion	Ratio	Lower	Upper
276	100		
138	13.9	19.1	28.7#
277	26.3	19.6	29.4

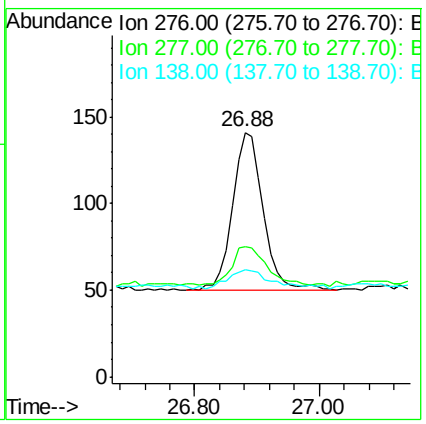




#26
Benzo(g,h,i)perylene
Concen: 0.09 ng/ul
RT: 26.88 min Scan# 1872
Delta R.T. 0.00 min
Lab File: BM009211.D
Acq: 11 Mar 2017 17:06

Tgt Ion:276 Resp: 313

Ion	Ratio	Lower	Upper
276	100		
277	53.2	21.8	32.8#
138	44.0	20.5	30.7#



Instrument :
BNA_M
ClientSampleId :
C0AL3DL

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