Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031117\
Data File : BM009214.D
Acq On : 11 Mar 2017 18:53
Operator : SJ/MA
Sample : I2072-08DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AK3DL

Manual Integrations APPROVED
mohammad
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Quant Time: Mar 13 12:20:52 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	212	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	659	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	362	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	818	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	928	0.40	ng/ul	0.00
20) Perylene-d12	23.77	264	964	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	44	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	116	0.05	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.73	128	499	0.26	ng/ul#	78
5) 2-Methylnaphthalene	12.34	142	388	0.28	ng/ul	98
12) Phenanthrene	17.30	178	528	0.21	ng/ul#	79
15) Fluoranthene	19.31	202	906	0.27	ng/ul	91
17) Pyrene	19.68	202	1034	0.32	ng/ul#	87
18) Benzo(a)anthracene	21.42	228	720	0.23	ng/ul#	89
19) Chrysene	21.47	228	752m	0.26	ng/ul	
21) Benzo(b)fluoranthene	23.07	252	1077m	0.28	ng/ul	
22) Benzo(k)fluoranthene	23.09	252	461m	0.14	ng/ul	
23) Benzo(a)pyrene	23.67	252	687	0.20	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	26.14	276	488	0.11	ng/ul#	86
26) Benzo(g,h,i)perylene	26.88	276	443	0.12	ng/ul#	70

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

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Instrument :
BNA_M
ClientSampleId :
C0AK3DL

Manual Integrations APPROVED
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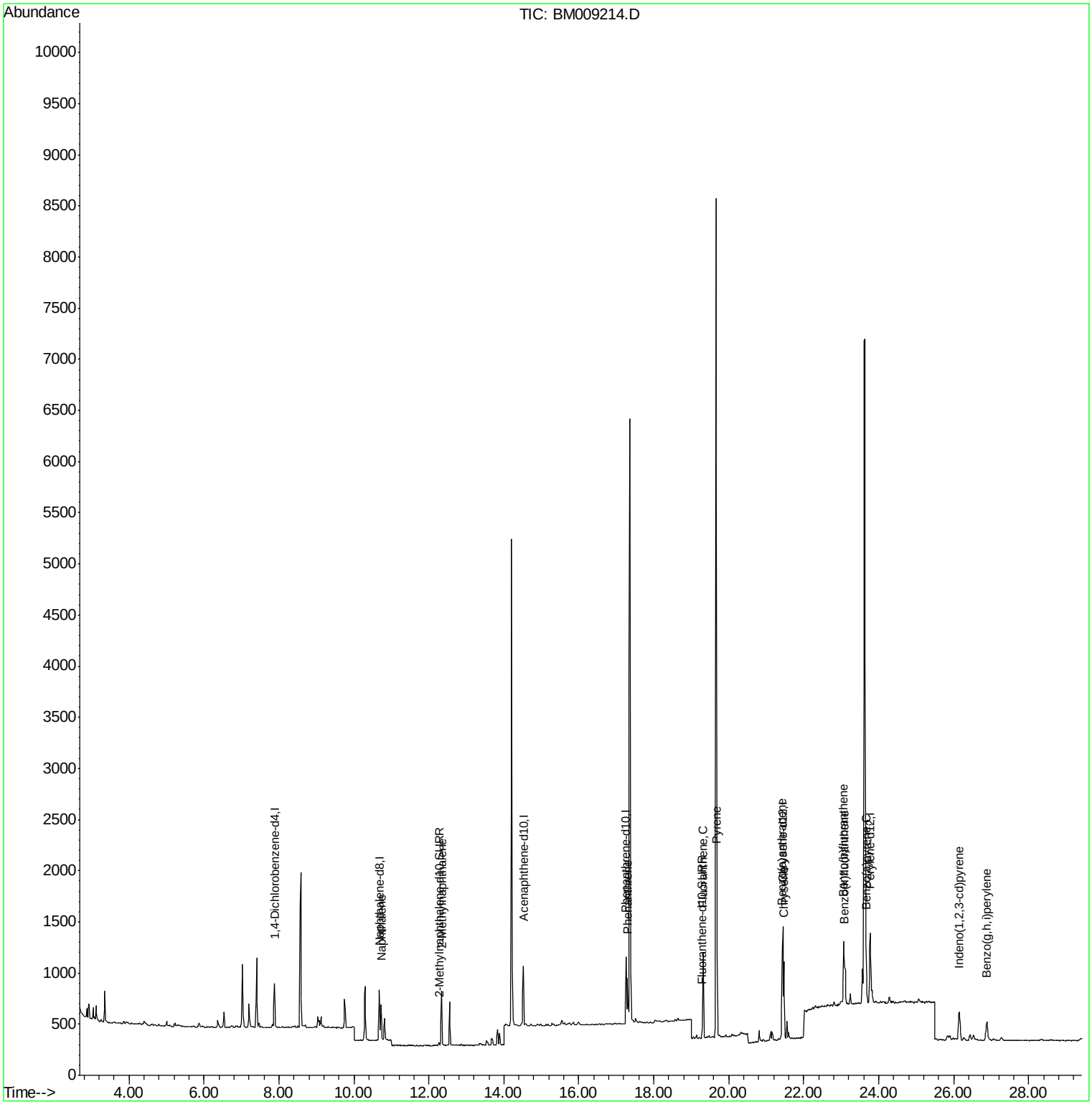

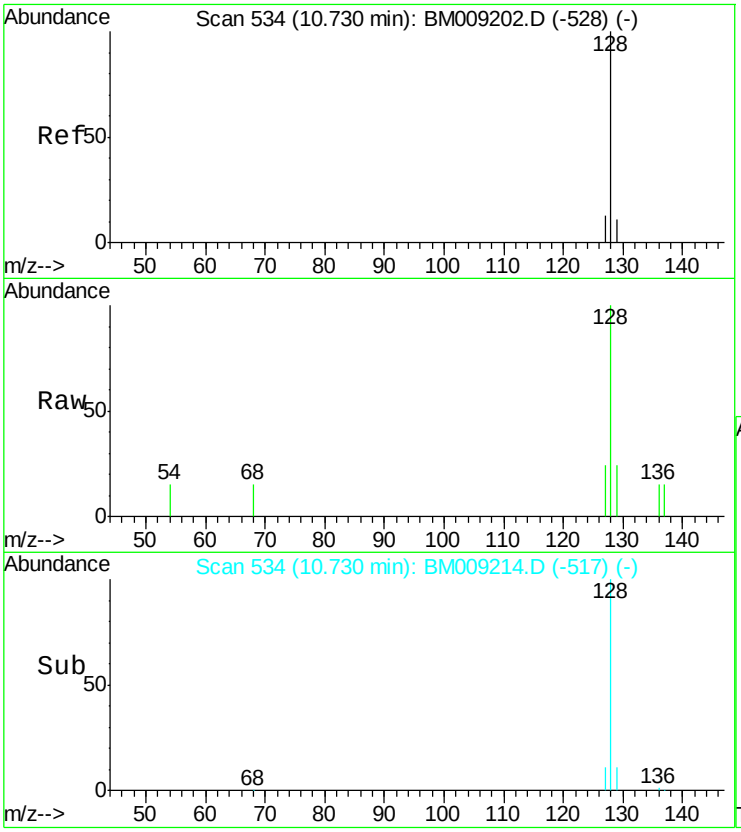

#3
Naphthalene
Concen: 0.26 ng/ul
RT: 10.73 min Scan# 534
Delta R.T. -0.00 min
Lab File: BM009214.D
Acq: 11 Mar 2017 18:53

Tgt Ion:128 Resp: 499

Ion	Ratio	Lower	Upper
128	100		
129	23.9	11.3	16.9#
127	24.2	12.8	19.2#

Instrument :
BNA_M
ClientSampleId :
C0AK3DL

Manual Integrations APPROVED
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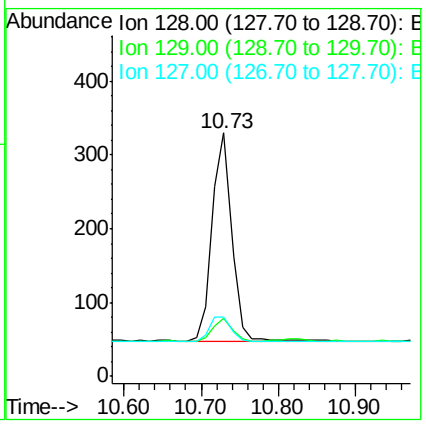
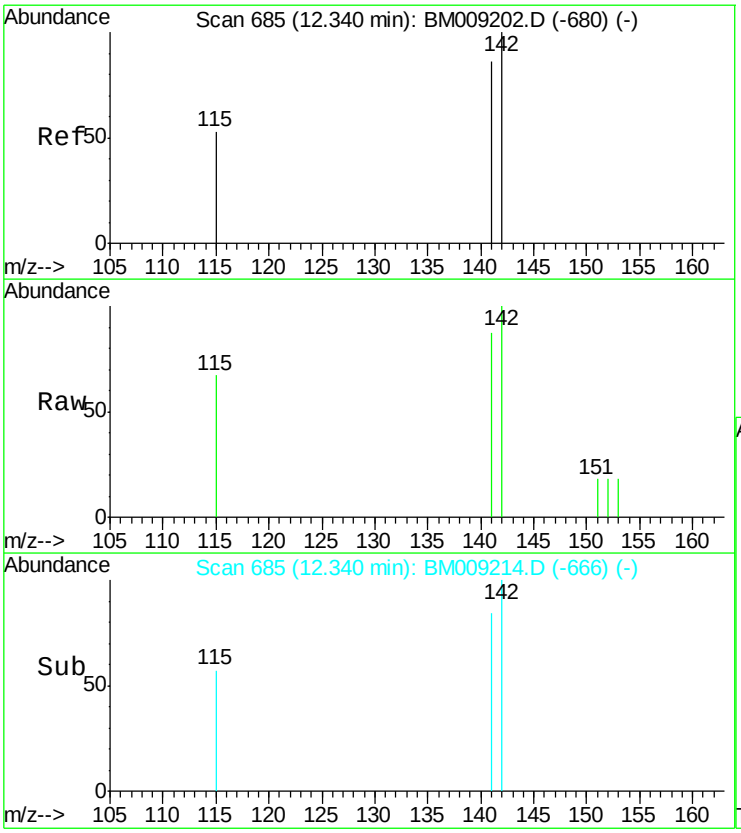
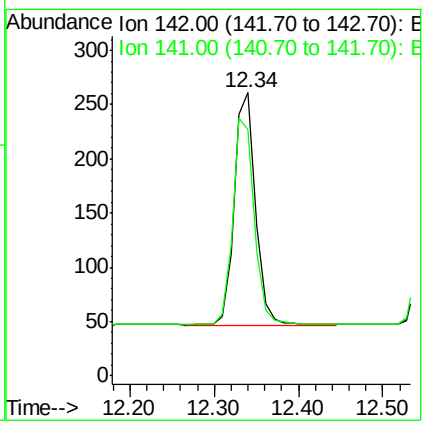


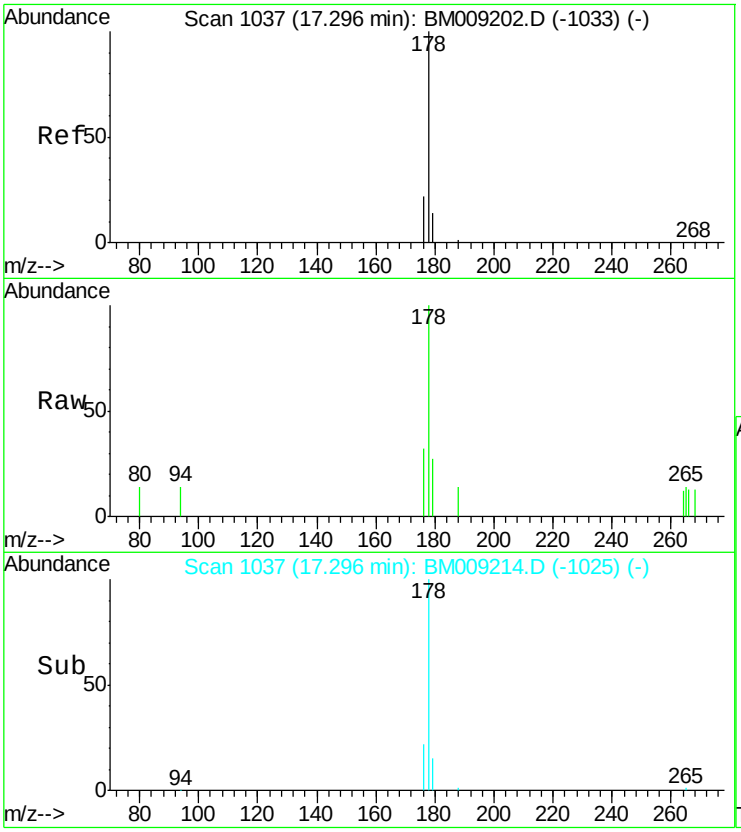


#5
2-Methylnaphthalene
Concen: 0.28 ng/ul
RT: 12.34 min Scan# 685
Delta R.T. -0.00 min
Lab File: BM009214.D
Acq: 11 Mar 2017 18:53

Tgt Ion:142 Resp: 388

Ion	Ratio	Lower	Upper
142	100		
141	88.7	72.6	108.8





#12
Phenanthrene
Concen: 0.21 ng/ul
RT: 17.30 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BM009214.D
Acq: 11 Mar 2017 18:53

Tgt Ion:178 Resp: 528

Ion	Ratio	Lower	Upper
178	100		
176	32.4	18.4	27.6#
179	26.9	13.6	20.4#

Instrument :
BNA_M
ClientSampleId :
C0AK3DL

Manual Integrations APPROVED
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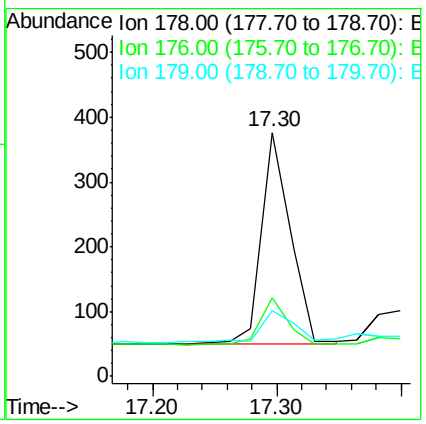
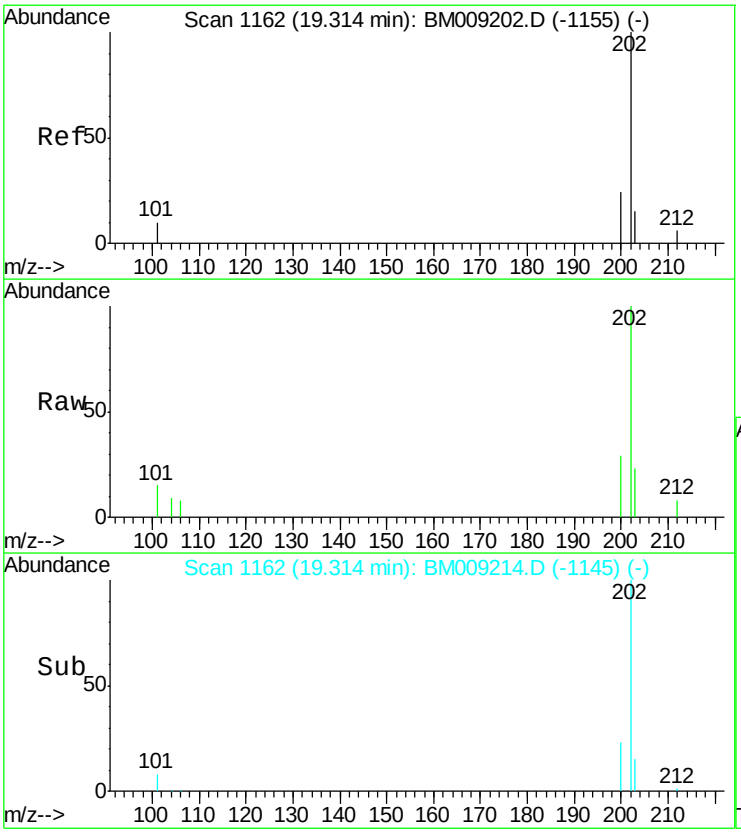
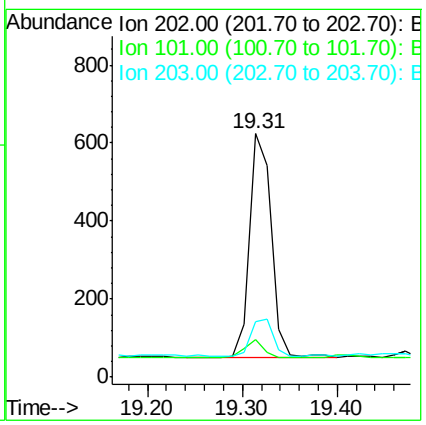


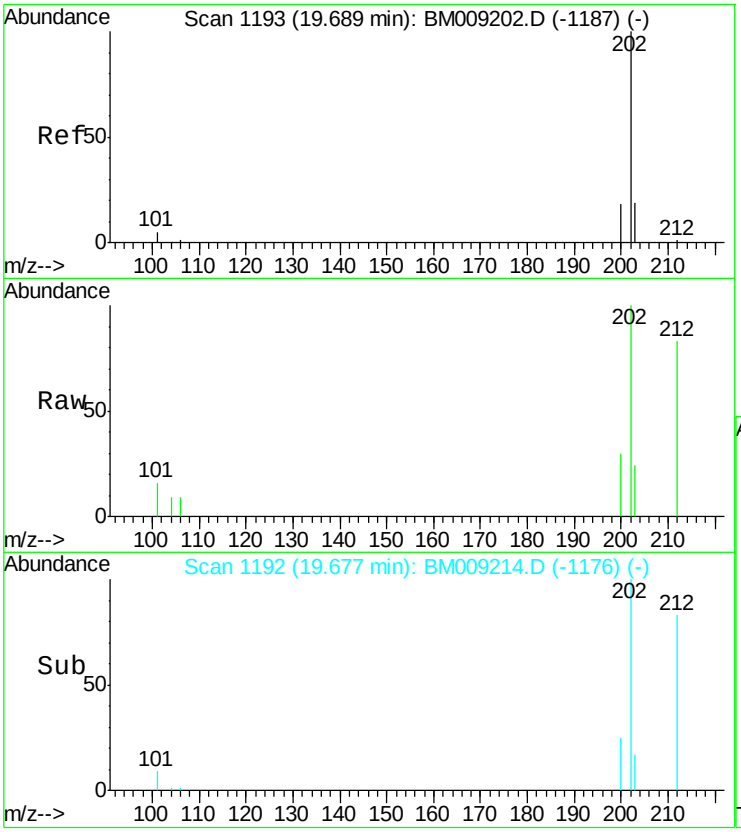


#15
Fluoranthene
Concen: 0.27 ng/ul
RT: 19.31 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BM009214.D
Acq: 11 Mar 2017 18:53

Tgt Ion:202 Resp: 906

Ion	Ratio	Lower	Upper
202	100		
101	15.2	0.0	30.3
203	22.9	0.0	39.5





#17
Pyrene
Concen: 0.32 ng/ul
RT: 19.68 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BM009214.D
Acq: 11 Mar 2017 18:53

Tgt Ion:202 Resp: 1034

Ion	Ratio	Lower	Upper
202	100		
200	30.5	18.2	27.4#
203	23.7	15.6	23.4#

Instrument :
BNA_M
ClientSampleId :
C0AK3DL

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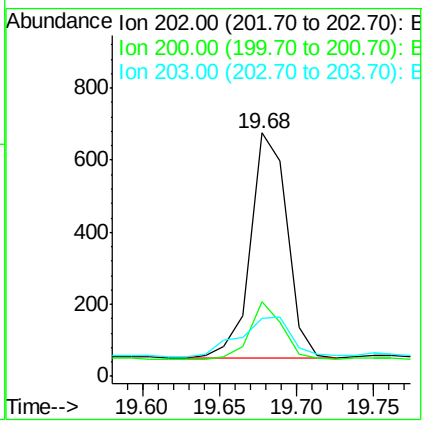
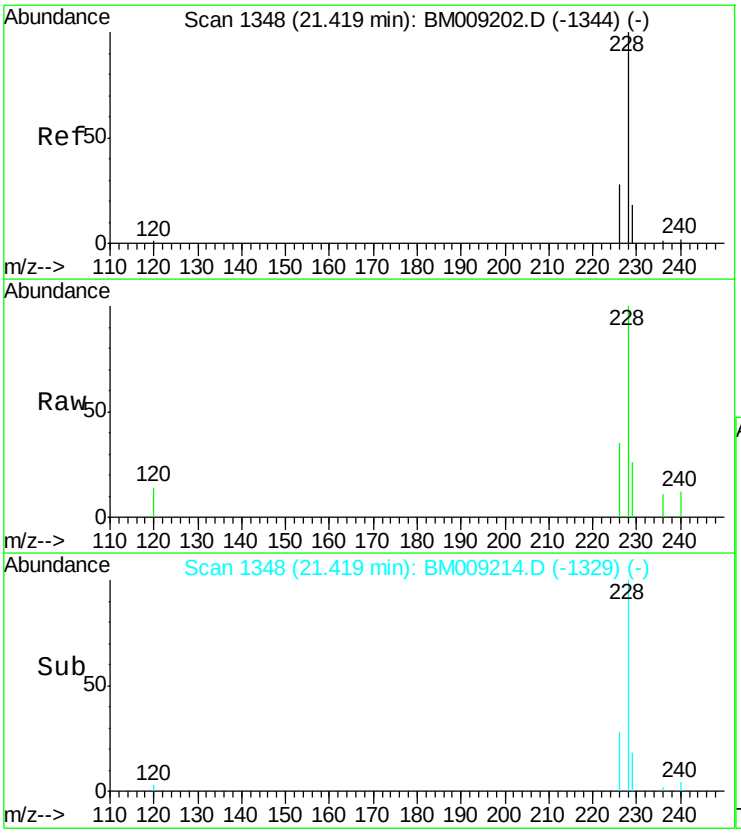
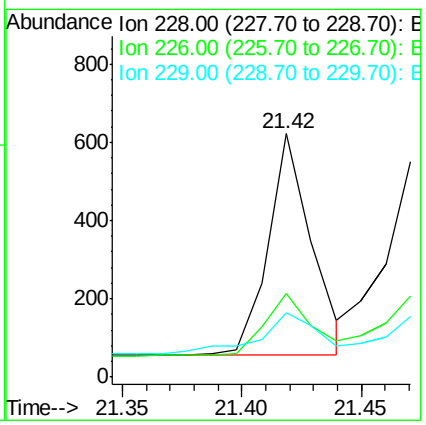


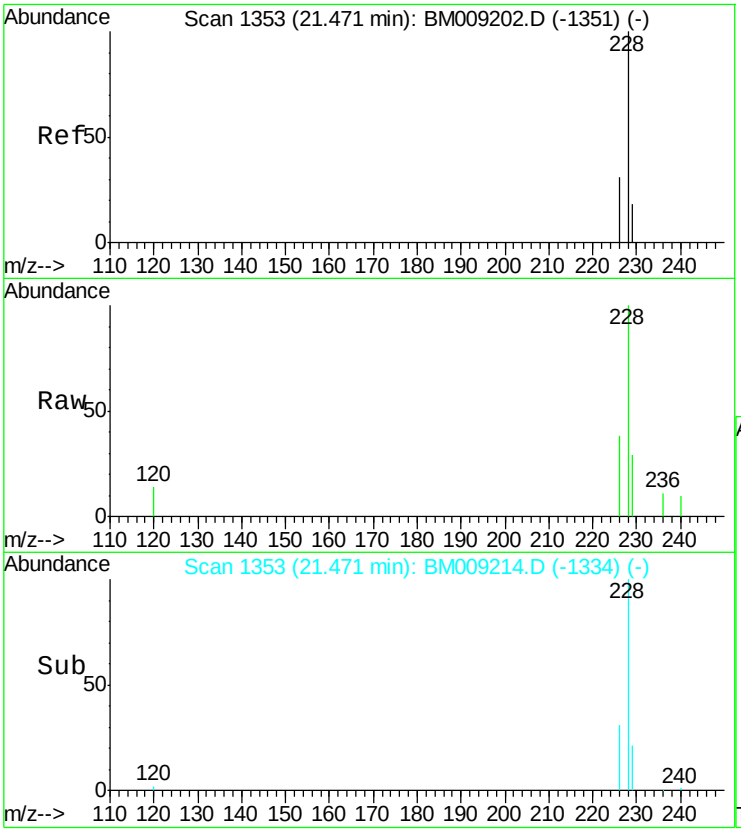


#18
Benzo(a)anthracene
Concen: 0.23 ng/ul
RT: 21.42 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BM009214.D
Acq: 11 Mar 2017 18:53

Tgt Ion:228 Resp: 720

Ion	Ratio	Lower	Upper
228	100		
226	34.6	22.8	34.2#
229	26.4	17.0	25.6#





#19
Chrysene
Concen: 0.26 ng/ul m
RT: 21.47 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BM009214.D
Acq: 11 Mar 2017 18:53

Tgt Ion:228 Resp: 752

Ion	Ratio	Lower	Upper
228	100		
226	38.0	23.4	35.0#
229	28.5	17.7	26.5#

Instrument :
BNA_M
ClientSampleId :
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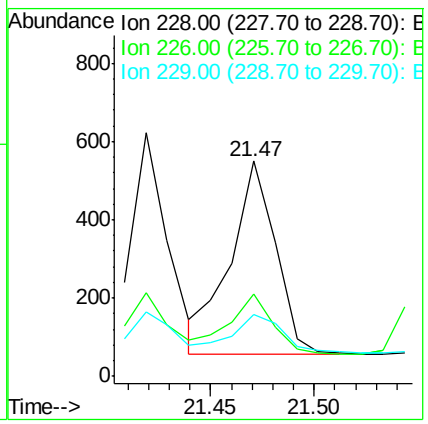
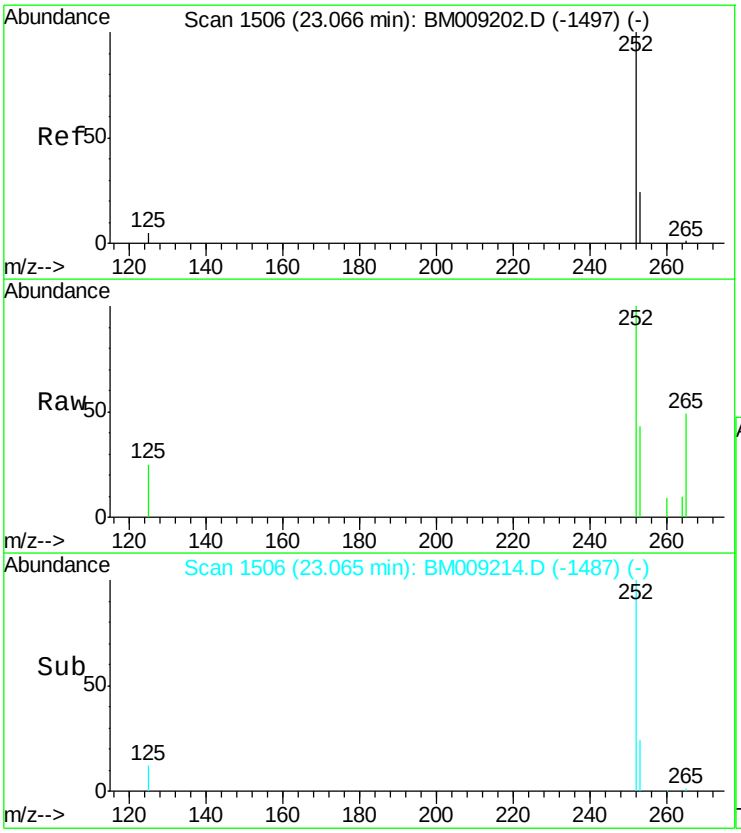
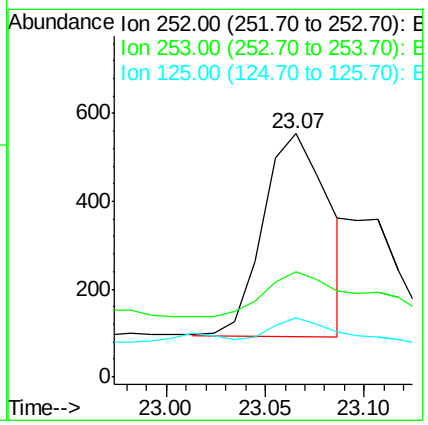


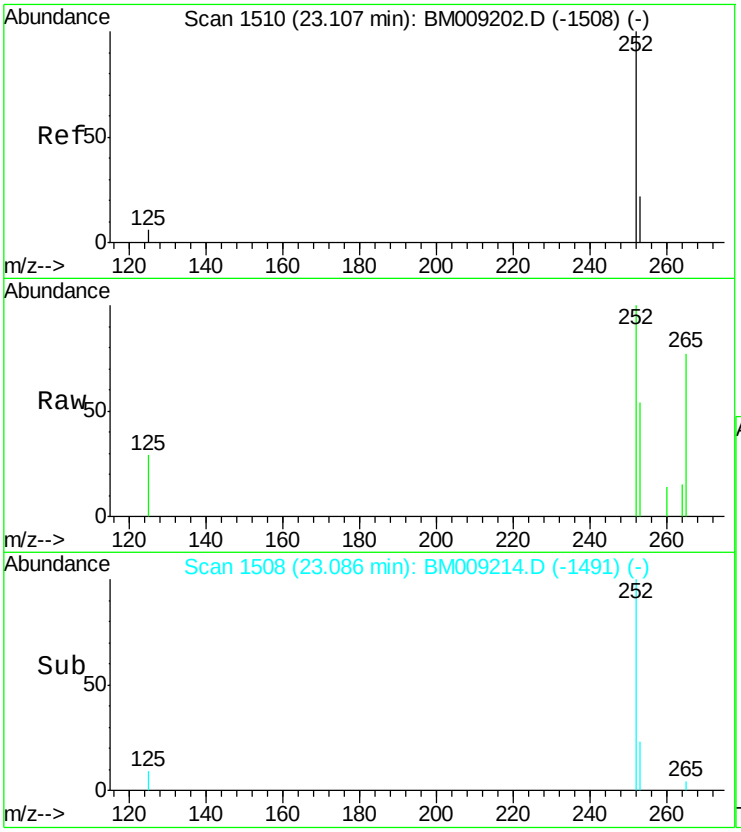


#21
Benzo(b)fluoranthene
Concen: 0.28 ng/ul m
RT: 23.07 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BM009214.D
Acq: 11 Mar 2017 18:53

Tgt Ion:252 Resp: 1077

Ion	Ratio	Lower	Upper
252	100		
253	43.3	0.0	64.2
125	24.5	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 0.14 ng/ul m
RT: 23.09 min Scan# 1508
Delta R.T. -0.02 min
Lab File: BM009214.D
Acq: 11 Mar 2017 18:53

Tgt Ion:252 Resp: 461

Ion	Ratio	Lower	Upper
252	100		
253	54.1	24.5	36.7#
125	28.7	13.7	20.5#

Instrument :
BNA_M
ClientSampleId :
C0AK3DL

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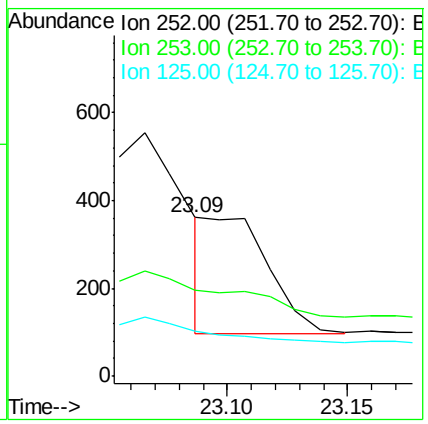
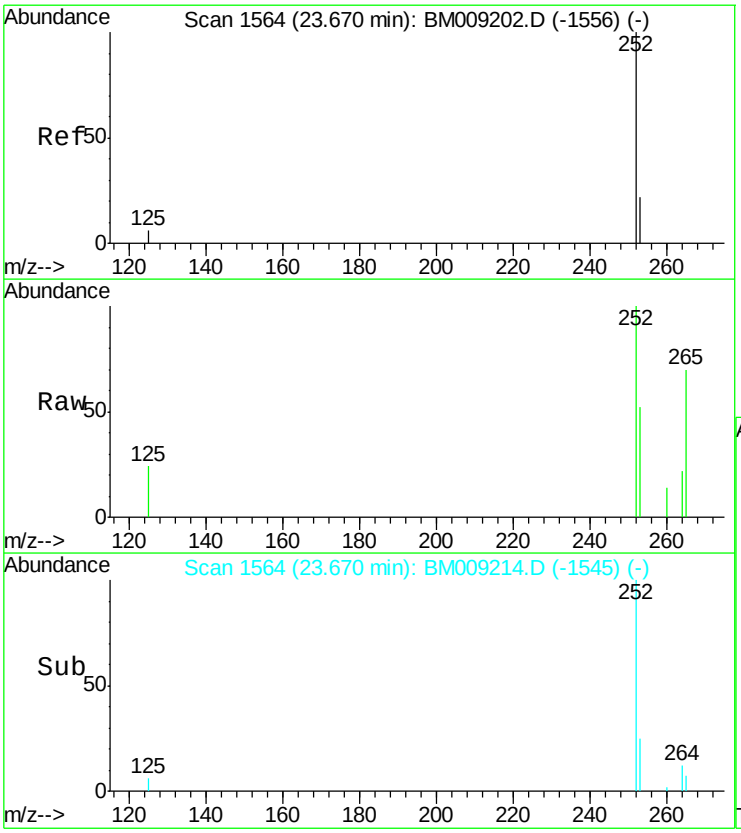
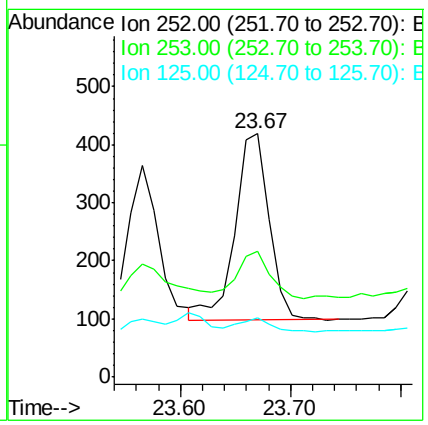


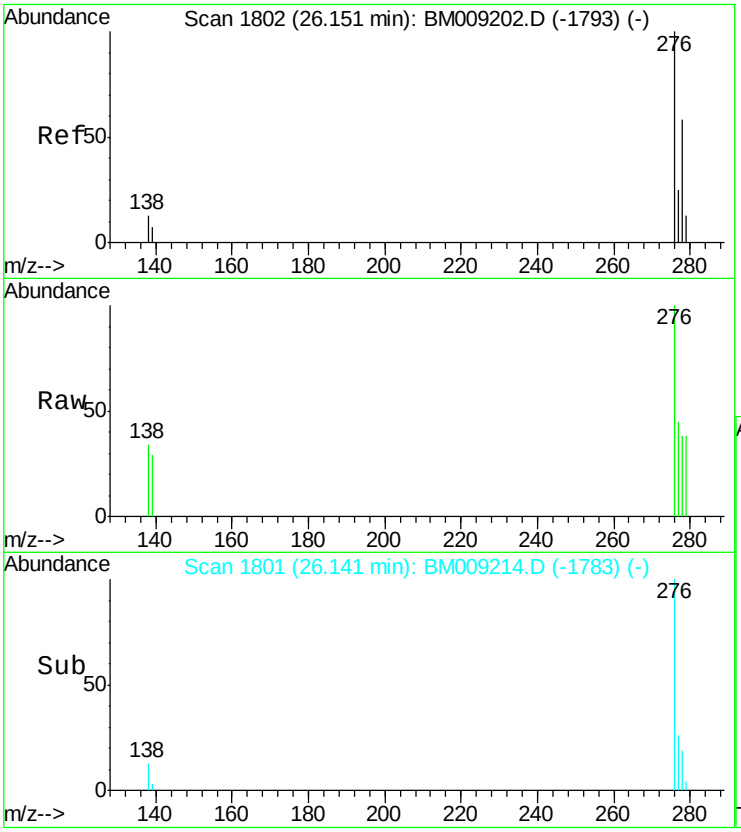


#23
Benzo(a)pyrene
Concen: 0.20 ng/ul
RT: 23.67 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BM009214.D
Acq: 11 Mar 2017 18:53

Tgt Ion:252 Resp: 687

Ion	Ratio	Lower	Upper
252	100		
253	51.8	28.5	42.7#
125	24.1	18.1	27.1





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.11 ng/ul
RT: 26.14 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BM009214.D
Acq: 11 Mar 2017 18:53

Tgt Ion:276 Resp: 488

Ion	Ratio	Lower	Upper
276	100		
138	14.1	19.1	28.7#
277	28.5	19.6	29.4

Instrument :
BNA_M
ClientSampleId :
C0AK3DL

Manual Integrations APPROVED
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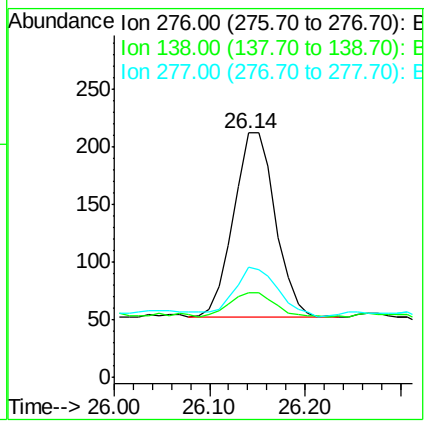

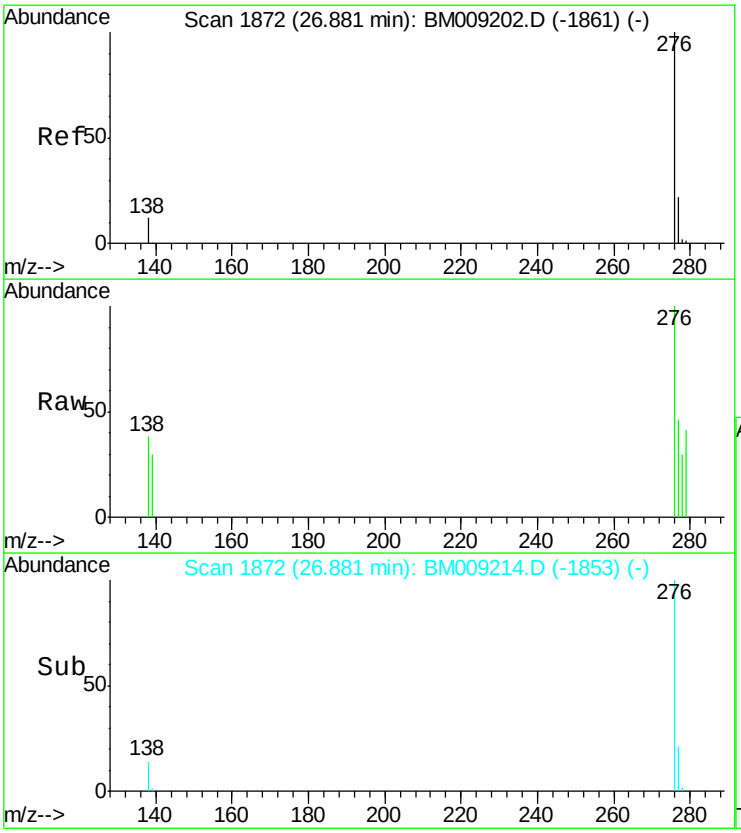

#26
Benzo(g,h,i)perylene
Concen: 0.12 ng/ul
RT: 26.88 min Scan# 1872
Delta R.T. -0.00 min
Lab File: BM009214.D
Acq: 11 Mar 2017 18:53

Tgt Ion:276 Resp: 443

Ion	Ratio	Lower	Upper
276	100		
277	45.6	21.8	32.8#
138	37.9	20.5	30.7#