Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031117\
Data File : BM009212.D
Acq On : 11 Mar 2017 17:42
Operator : SJ/MA
Sample : I2072-06DL 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AK1DL

Manual Integrations APPROVED
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3/13/2017 5:13:59 PM

Quant Time: Mar 13 12:10:08 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	203	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	655	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	373	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	889	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	1014	0.40	ng/ul	0.00
20) Perylene-d12	23.77	264	1089	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	94	0.09	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	247	0.09	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.73	128	168	0.09	ng/ul#	38
5) 2-Methylnaphthalene	12.34	142	108	0.08	ng/ul	95
12) Phenanthrene	17.30	178	1327	0.48	ng/ul	94
15) Fluoranthene	19.31	202	1834	0.50	ng/ul	98
17) Pyrene	19.69	202	2390	0.69	ng/ul	96
18) Benzo(a)anthracene	21.42	228	953	0.28	ng/ul#	90
19) Chrysene	21.47	228	1116m	0.35	ng/ul	
21) Benzo(b)fluoranthene	23.07	252	1534m	0.36	ng/ul	
22) Benzo(k)fluoranthene	23.11	252	355m	0.09	ng/ul	
23) Benzo(a)pyrene	23.67	252	717	0.19	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	26.15	276	646	0.13	ng/ul#	89
26) Benzo(g,h,i)perylene	26.88	276	563	0.13	ng/ul#	76

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

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Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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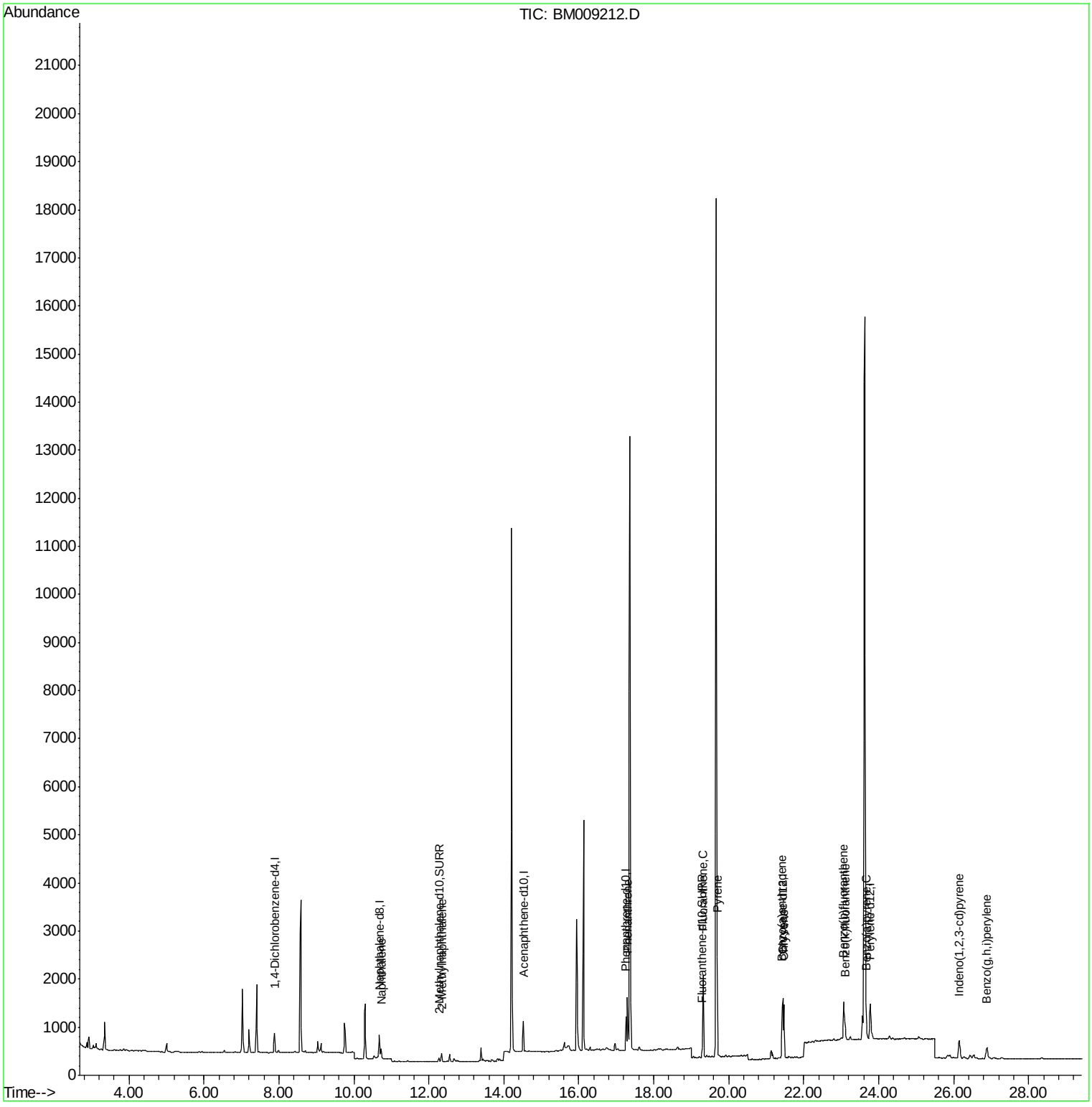

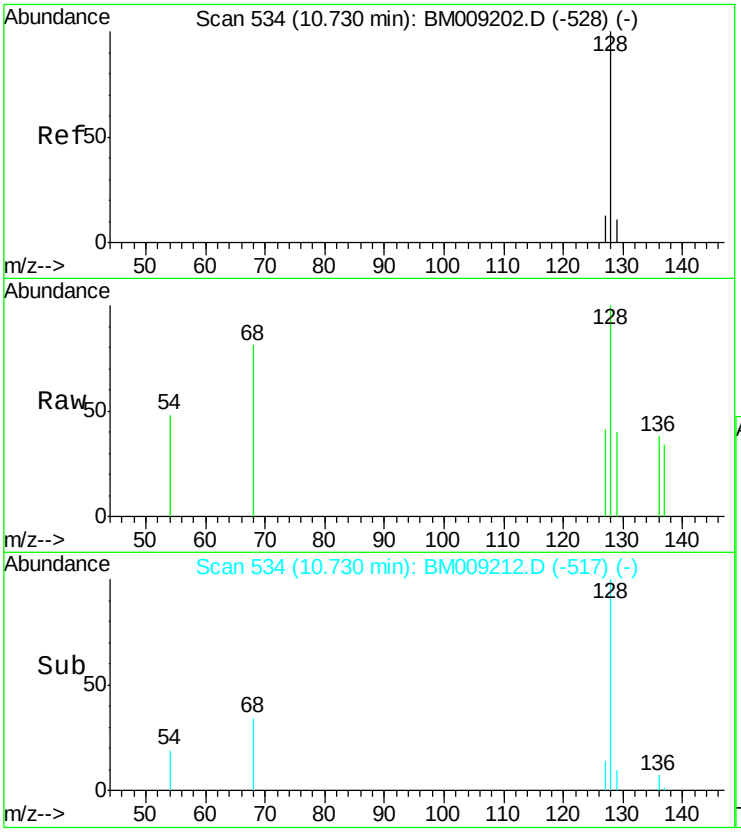

#3
Naphthalene
Concen: 0.09 ng/ul
RT: 10.73 min Scan# 534
Delta R.T. -0.00 min
Lab File: BM009212.D
Acq: 11 Mar 2017 17:42

Tgt Ion:128 Resp: 168

Ion	Ratio	Lower	Upper
128	100		
129	40.0	11.3	16.9#
127	41.4	12.8	19.2#

Instrument :
BNA_M
ClientSampleId :
C0AK1DL

Manual Integrations APPROVED
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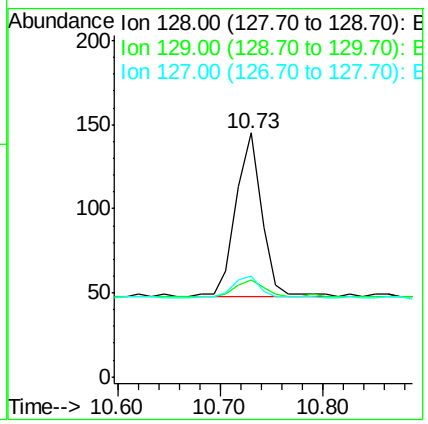
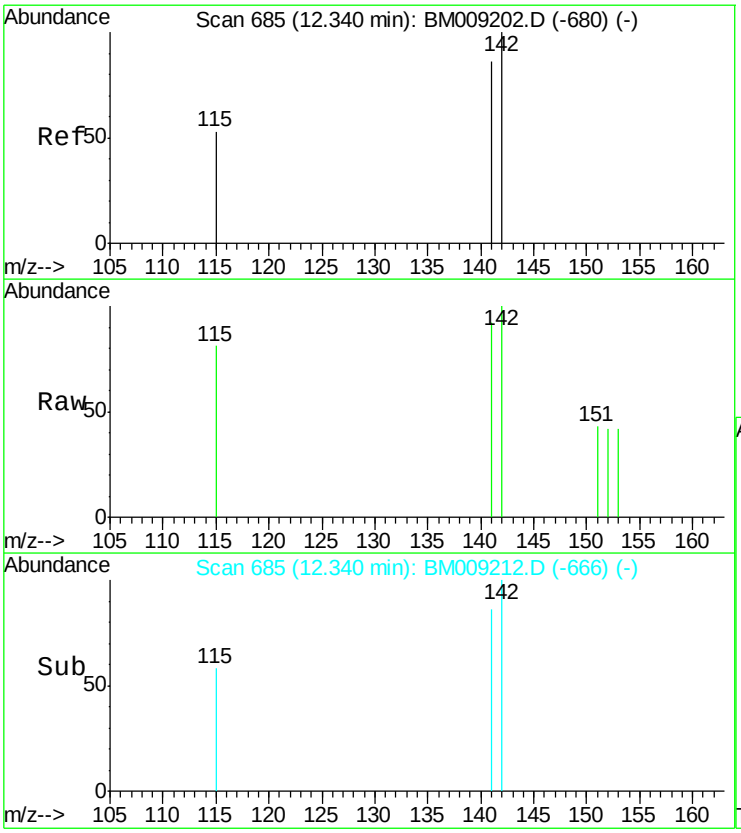
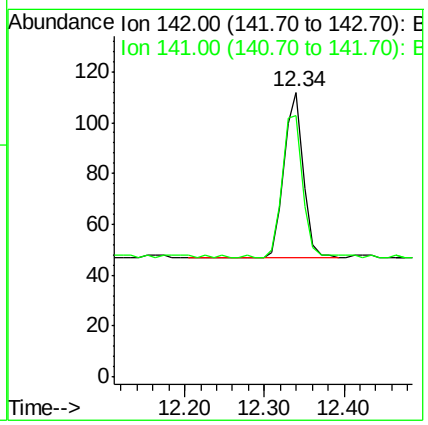


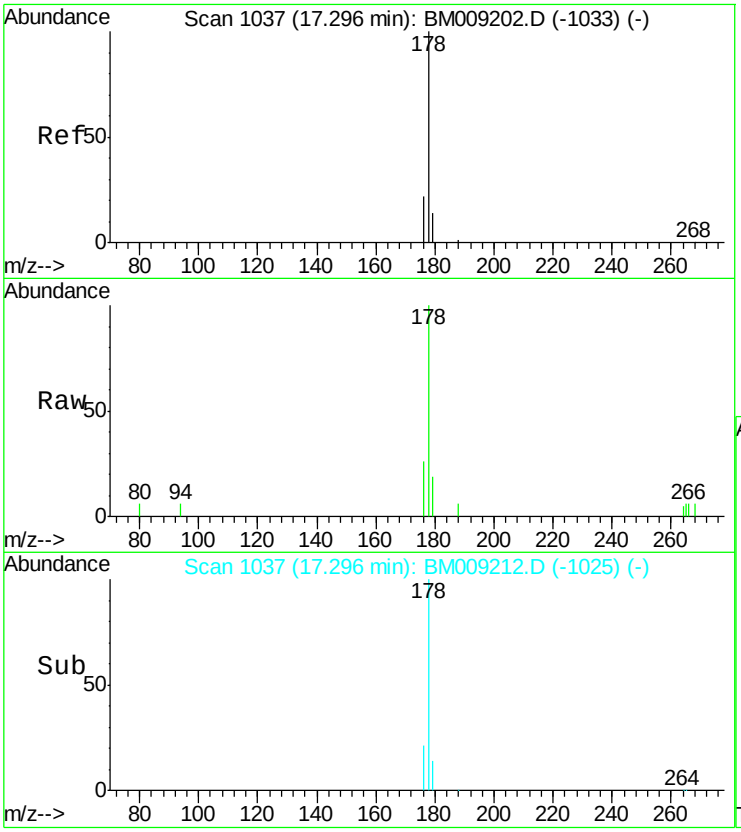


#5
2-Methylnaphthalene
Concen: 0.08 ng/ul
RT: 12.34 min Scan# 685
Delta R.T. -0.00 min
Lab File: BM009212.D
Acq: 11 Mar 2017 17:42

Tgt Ion:142 Resp: 108

Ion	Ratio	Lower	Upper
142	100		
141	95.4	72.6	108.8





#12
Phenanthrene
Concen: 0.48 ng/ul
RT: 17.30 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BM009212.D
Acq: 11 Mar 2017 17:42

Tgt Ion:178 Resp: 1327

Ion	Ratio	Lower	Upper
178	100		
176	26.1	18.4	27.6
179	19.2	13.6	20.4

Instrument :
BNA_M
ClientSampleId :
C0AK1DL

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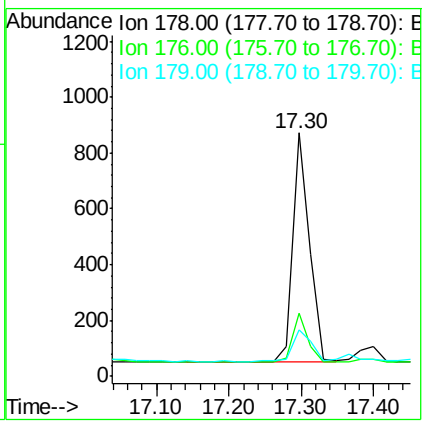
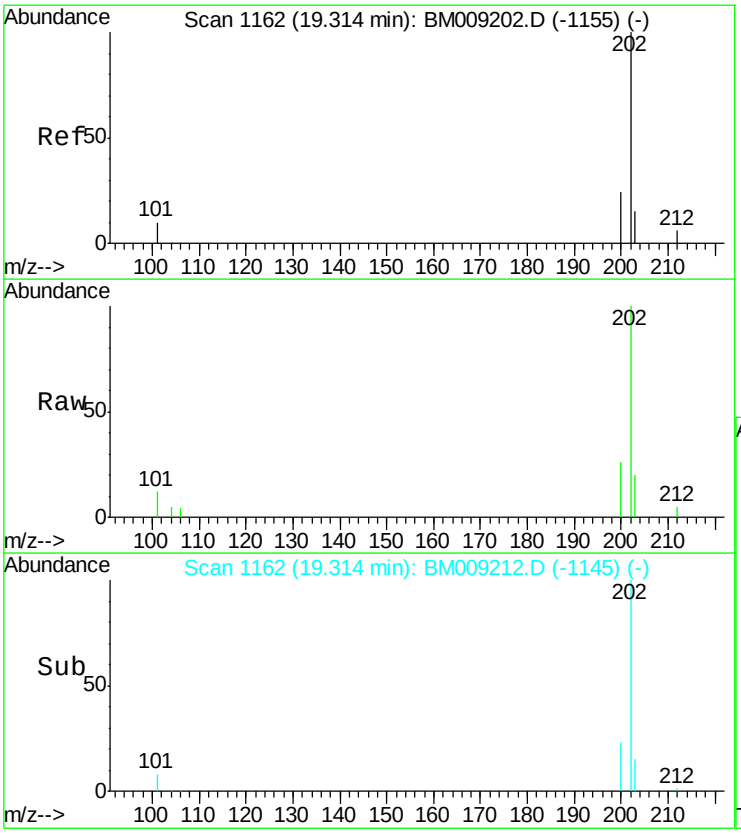
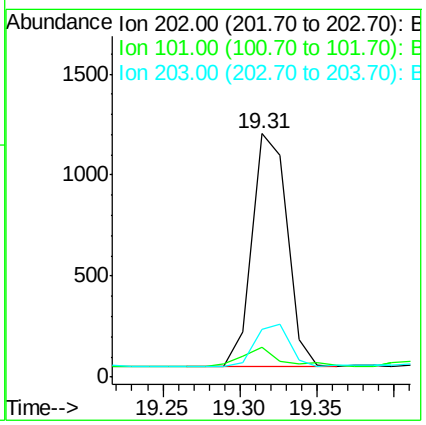


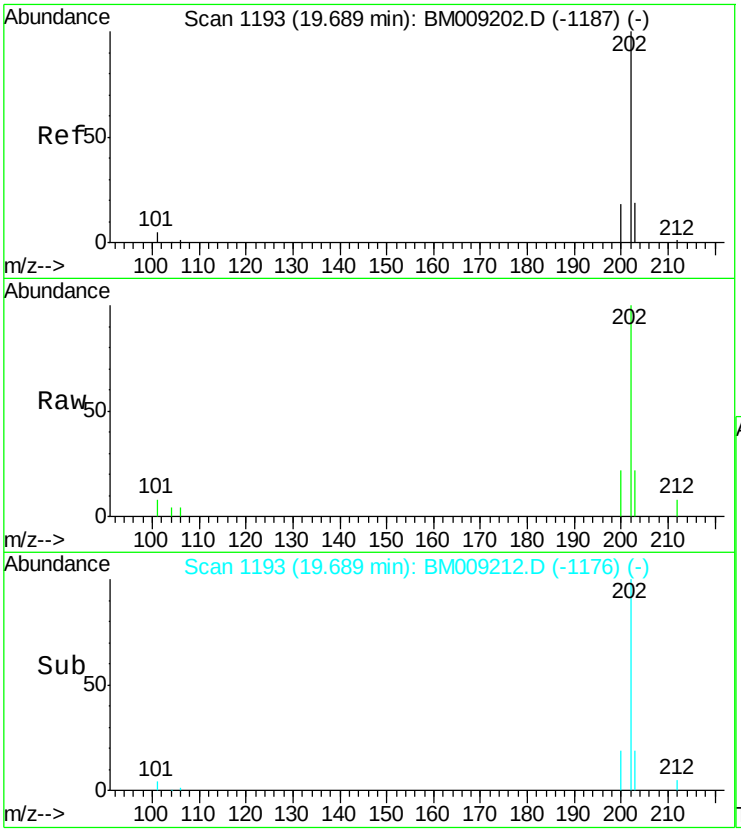


#15
Fluoranthene
Concen: 0.50 ng/ul
RT: 19.31 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BM009212.D
Acq: 11 Mar 2017 17:42

Tgt Ion:202 Resp: 1834

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	30.3
203	19.5	0.0	39.5





#17
Pyrene
Concen: 0.69 ng/ul
RT: 19.69 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BM009212.D
Acq: 11 Mar 2017 17:42

Tgt Ion:202 Resp: 2390

Ion	Ratio	Lower	Upper
202	100		
200	21.6	18.2	27.4
203	22.5	15.6	23.4

Instrument :
BNA_M
ClientSampleId :
C0AK1DL

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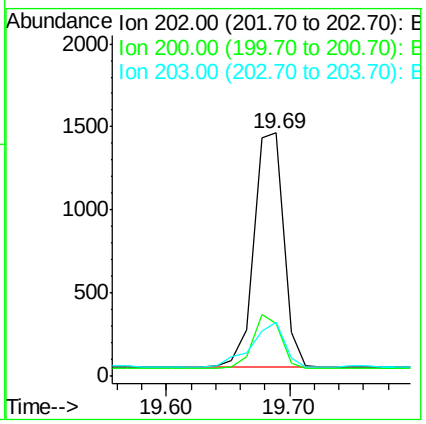
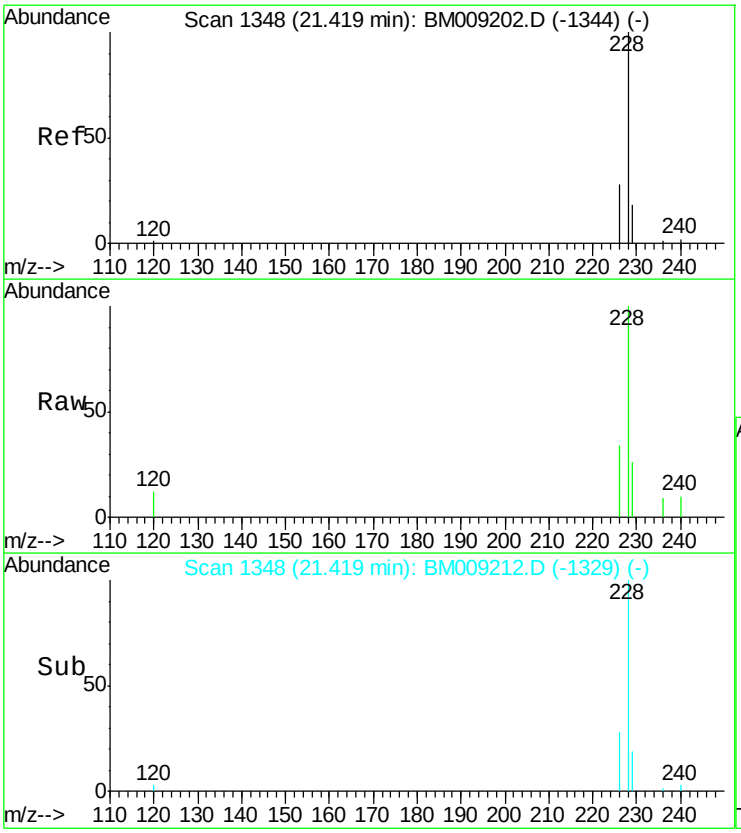
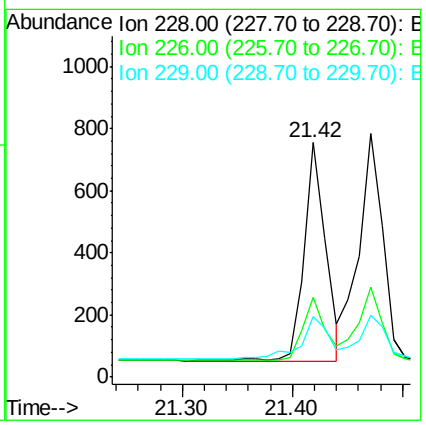


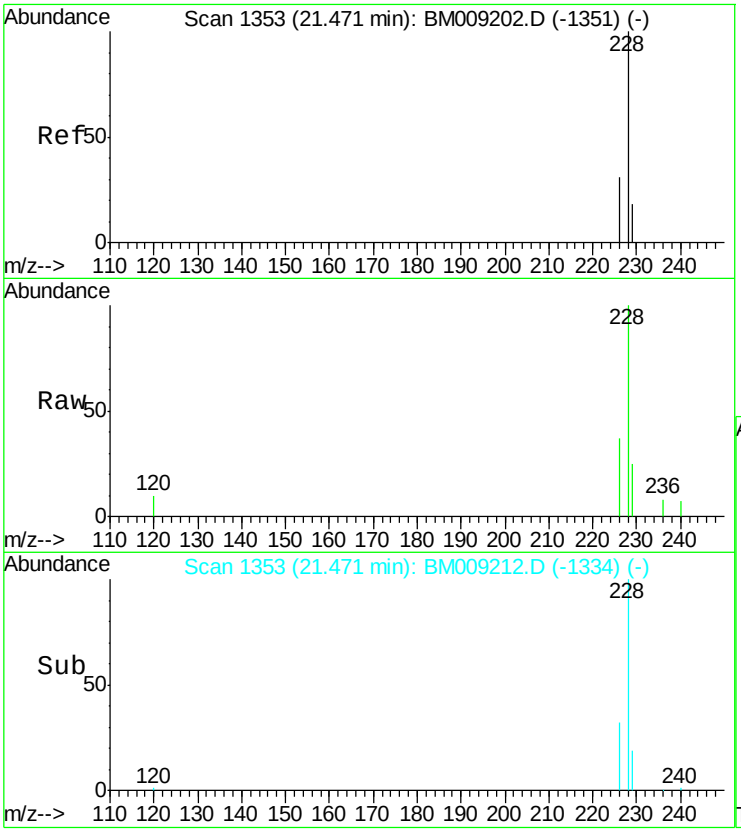


#18
Benzo(a)anthracene
Concen: 0.28 ng/ul
RT: 21.42 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BM009212.D
Acq: 11 Mar 2017 17:42

Tgt Ion:228 Resp: 953

Ion	Ratio	Lower	Upper
228	100		
226	33.8	22.8	34.2
229	25.6	17.0	25.6#

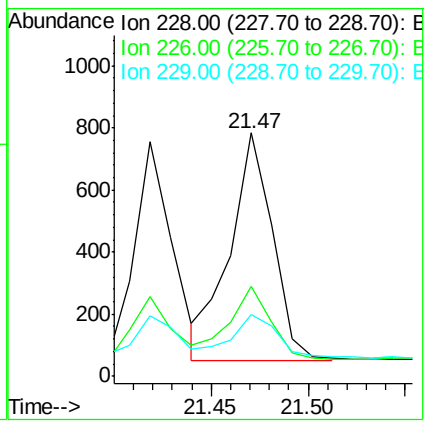




#19
Chrysene
Concen: 0.35 ng/ul m
RT: 21.47 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BM009212.D
Acq: 11 Mar 2017 17:42

Tgt Ion:228 Resp: 1116

Ion	Ratio	Lower	Upper
228	100		
226	36.7	23.4	35.0#
229	25.3	17.7	26.5



Instrument :
BNA_M
ClientSampleId :
C0AK1DL

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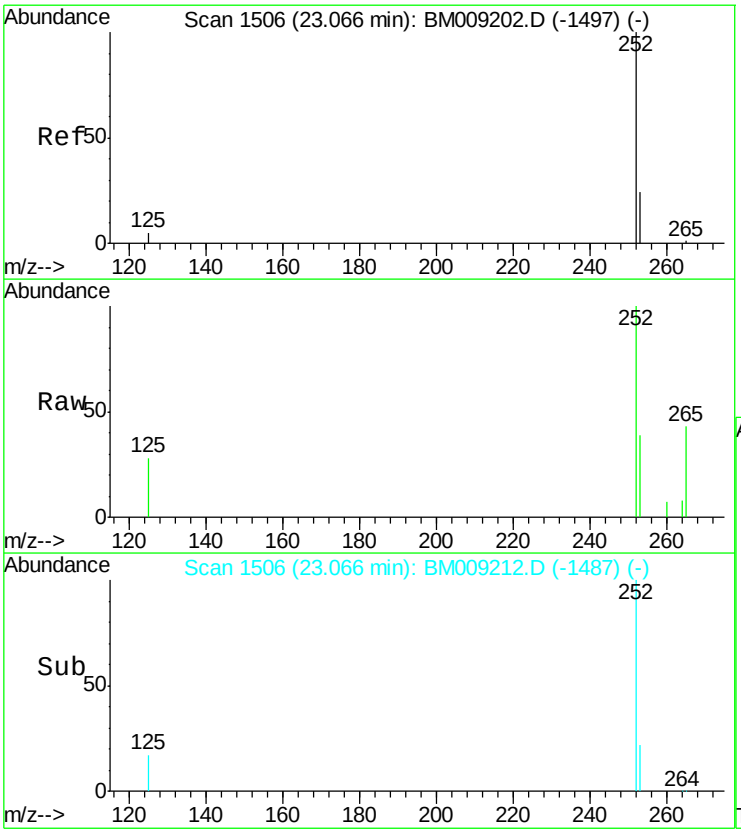
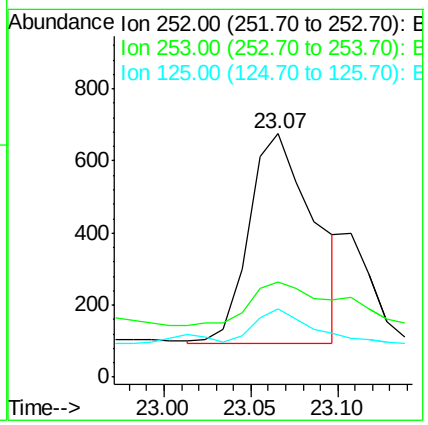
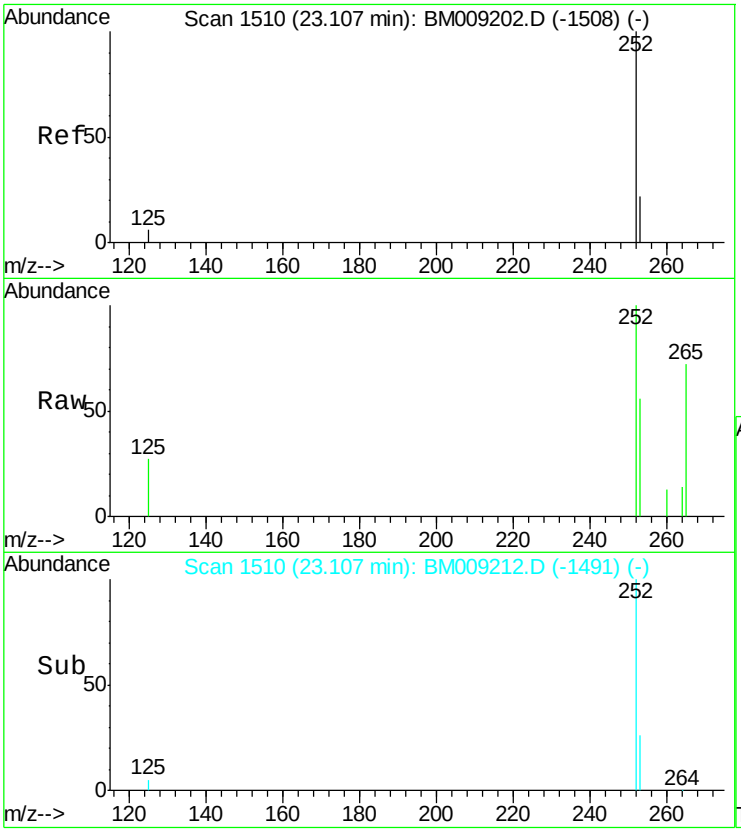


#21
Benzo(b)fluoranthene
Concen: 0.36 ng/ul m
RT: 23.07 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BM009212.D
Acq: 11 Mar 2017 17:42

Tgt Ion:252 Resp: 1534

Ion	Ratio	Lower	Upper
252	100		
253	39.2	0.0	64.2
125	28.3	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 0.09 ng/ul m
RT: 23.11 min Scan# 1510
Delta R.T. -0.00 min
Lab File: BM009212.D
Acq: 11 Mar 2017 17:42

Tgt Ion:252 Resp: 355

Ion	Ratio	Lower	Upper
252	100		
253	55.5	24.5	36.7#
125	26.9	13.7	20.5#

Instrument :
BNA_M
ClientSampleId :
C0AK1DL

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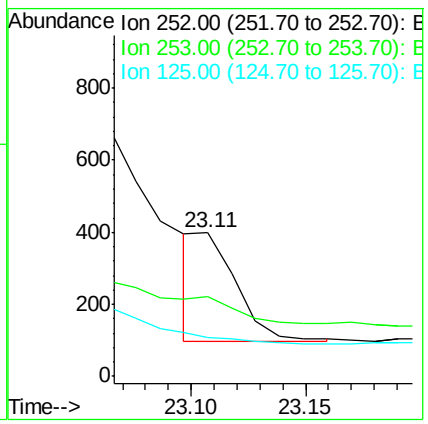
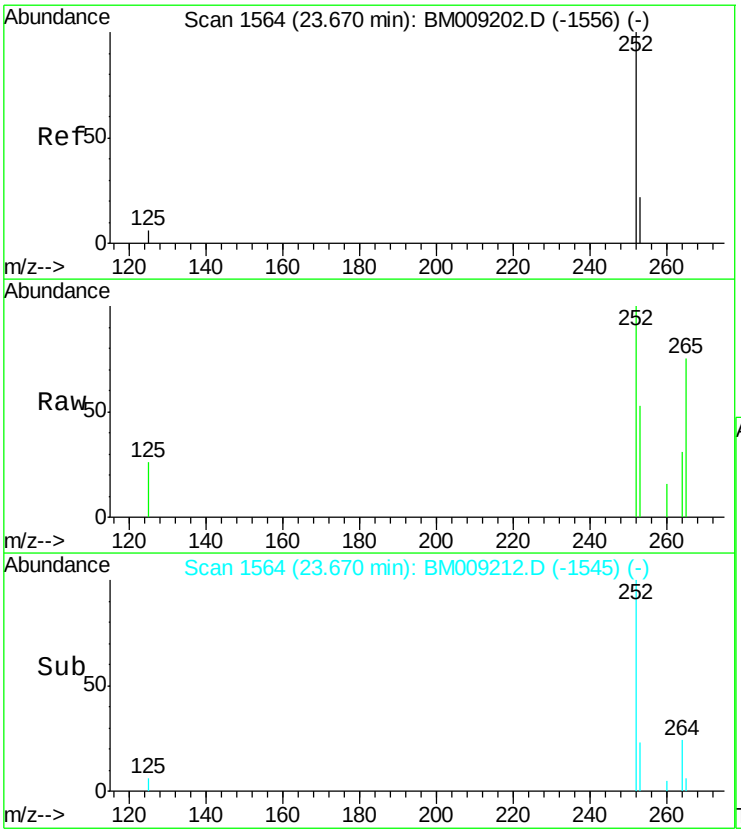
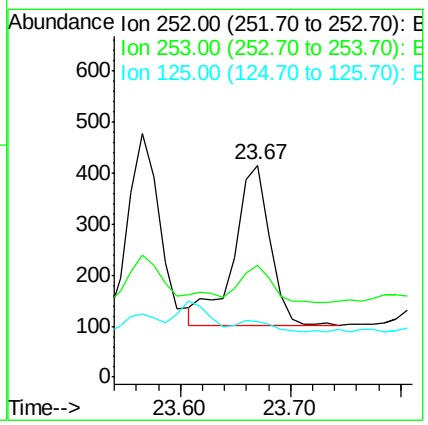


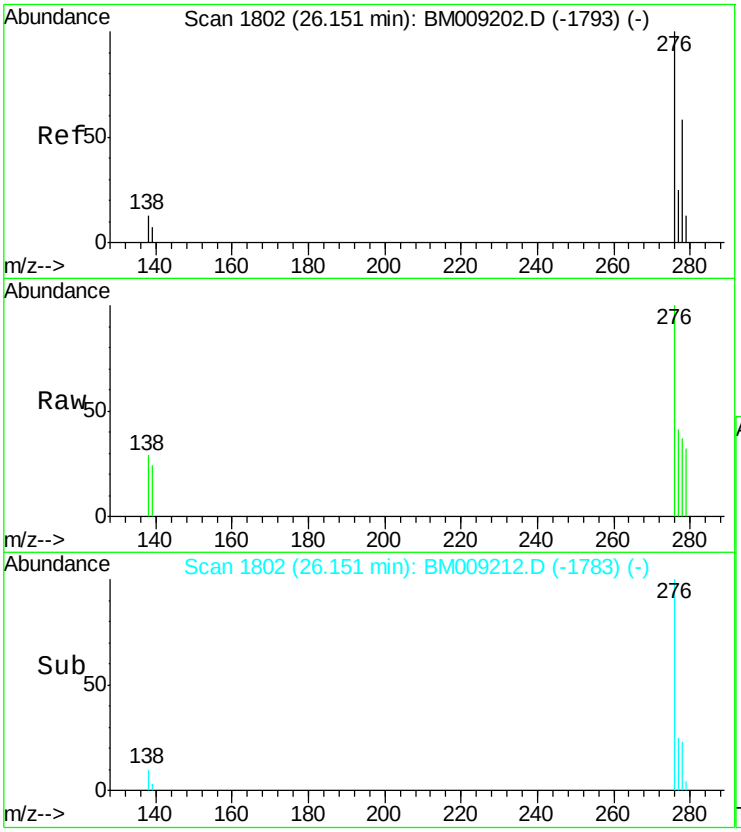


#23
Benzo(a)pyrene
Concen: 0.19 ng/ul
RT: 23.67 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BM009212.D
Acq: 11 Mar 2017 17:42

Tgt Ion:252 Resp: 717

Ion	Ratio	Lower	Upper
252	100		
253	52.6	28.5	42.7#
125	26.0	18.1	27.1





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.13 ng/ul
RT: 26.15 min Scan# 1802
Delta R.T. -0.00 min
Lab File: BM009212.D
Acq: 11 Mar 2017 17:42

Tgt Ion:276 Resp: 646

Ion	Ratio	Lower	Upper
276	100		
138	13.9	19.1	28.7#
277	25.2	19.6	29.4

Instrument :
BNA_M
ClientSampleId :
C0AK1DL

Manual Integrations APPROVED
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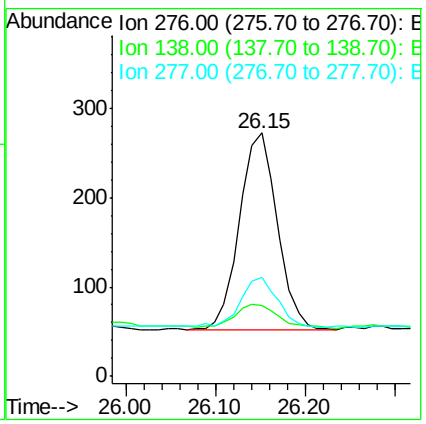

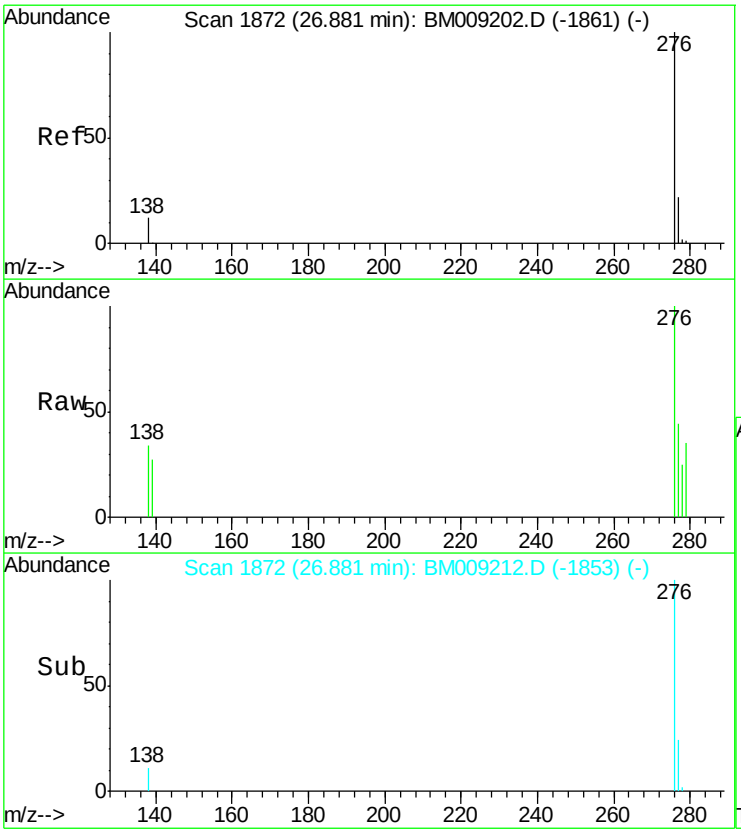

#26
Benzo(g,h,i)perylene
Concen: 0.13 ng/ul
RT: 26.88 min Scan# 1872
Delta R.T. -0.00 min
Lab File: BM009212.D
Acq: 11 Mar 2017 17:42

Tgt Ion:276 Resp: 563

Ion	Ratio	Lower	Upper
276	100		
277	44.0	21.8	32.8#
138	33.8	20.5	30.7#