Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\
Data File : BM009611.D
Acq On : 07 Apr 2017 01:36
Operator : SJ/MA
Sample : I2525-09
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB352

Quant Time: Apr 07 03:22:35 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM040417-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 07 03:19:28 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	170425	20.00	ng/ul	0.00
2) Naphthalene-d8	10.64	136	668571	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	372981	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.33	188	1202012	20.00	ng/ul	0.10
18) Chrysene-d12	21.50	240	1155	20.00	ng/ul	0.08
23) Perylene-d12	23.74	264	1084089	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.25	165	228543	22.23	ng/uL	0.00
7) Acenaphthylene-d8	14.18	160	1083290	29.64	ng/ul	0.00
10) Fluorene-d10	15.48	176	761333	28.96	ng/ul	0.00
15) Anthracene-d10	17.33	188	1200822	20.88	ng/ul	0.00
19) Pyrene-d10	19.63	212	1454820	30650.73	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.60	264	1463173	30.57	ng/ul	0.00
Target Compounds						Qvalue
4) Naphthalene	10.69	128	45851	1.34	ng/ul#	93
14) Phenanthrene	17.37	178	122074	1.81	ng/ul	98
16) Anthracene	17.37	178	120242	1.72	ng/ul	99
20) Pyrene	19.66	202	950792	15118.65	ng/ul	96
21) Benzo(a)anthracene	21.45	228	533474	8169.45	ng/ul	97
22) Chrysene	21.45	228	531641	8881.81	ng/ul	98
24) Benzo(b)fluoranthene	23.04	252	789598	11.78	ng/ul#	89
25) Benzo(k)fluoranthene	23.04	252	789598	12.36	ng/ul#	89
27) Benzo(a)pyrene	23.64	252	534439	8.38	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	26.10	276	382212	5.35	ng/ul	94
30) Benzo(g,h,i)perylene	26.83	276	365454	6.20	ng/ul#	90

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

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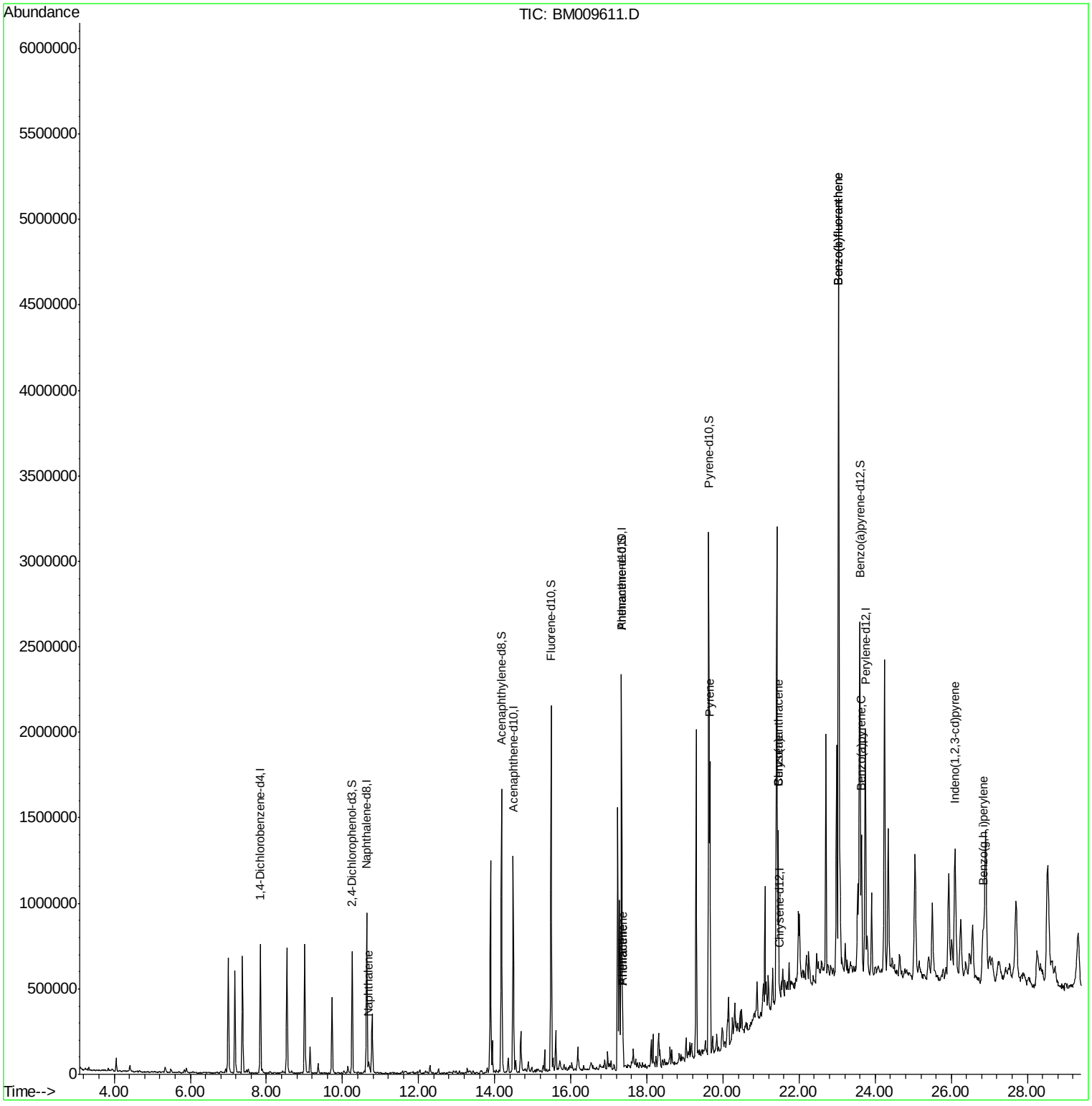
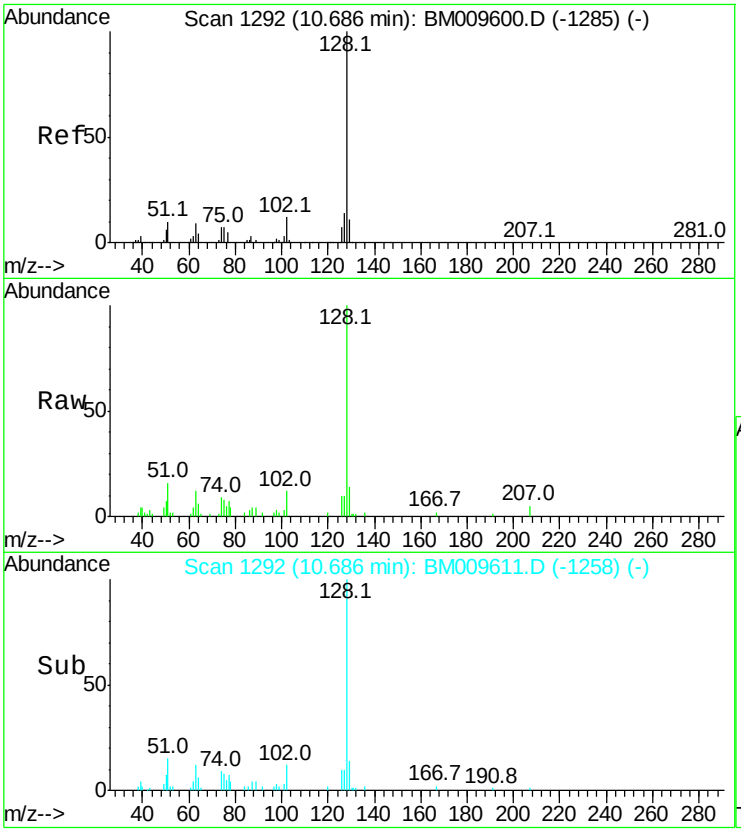


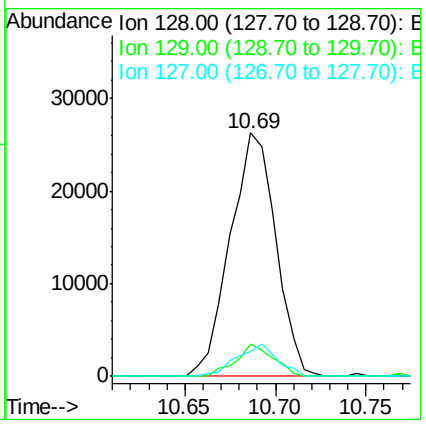


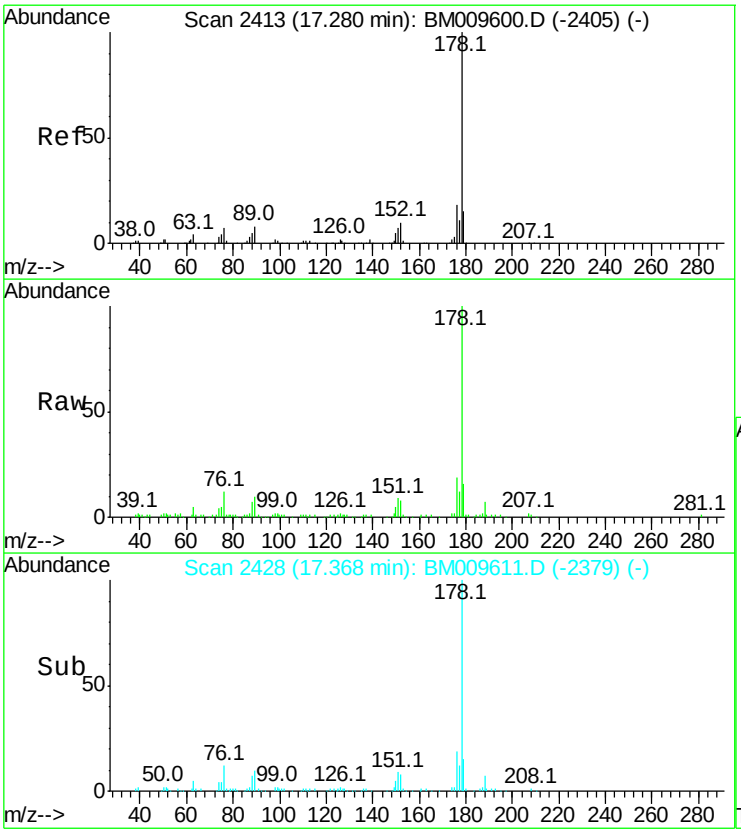
#4
Naphthalene
Concen: 1.34 ng/ul
RT: 10.69 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BM009611.D
Acq: 07 Apr 2017 01:36

Instrument :
BNA_M
ClientSampleId :
CB352

Tgt Ion:128 Resp: 45851

Ion	Ratio	Lower	Upper
128	100		
129	13.6	9.1	13.7
127	10.3	10.6	15.8#

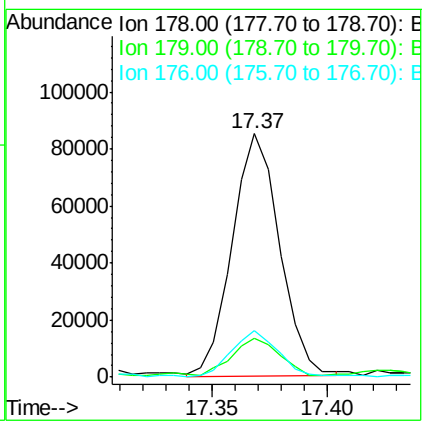


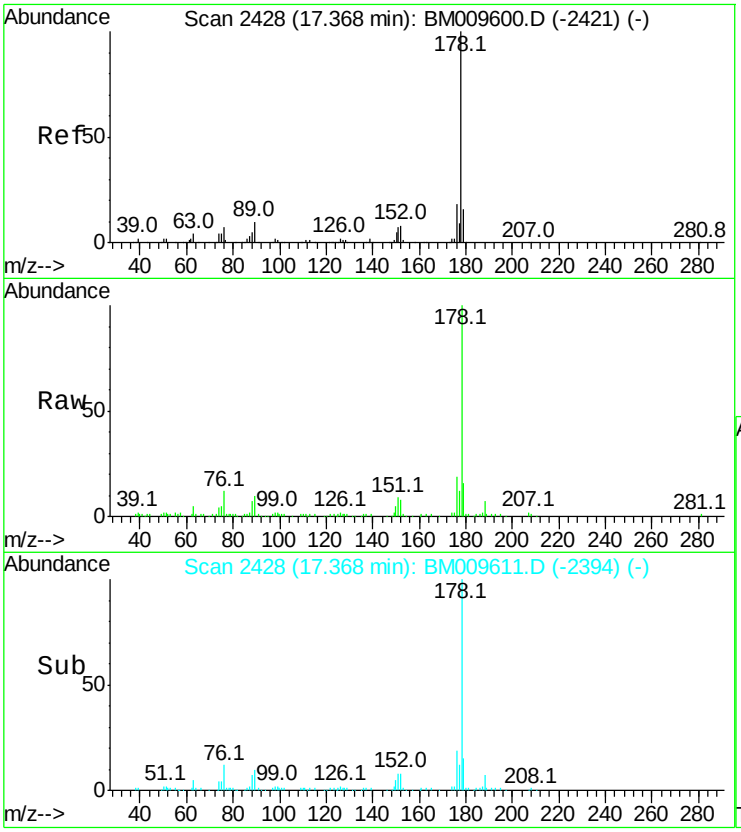


#14
Phenanthrene
Concen: 1.81 ng/ul
RT: 17.37 min Scan# 2428
Delta R.T. 0.09 min
Lab File: BM009611.D
Acq: 07 Apr 2017 01:36

Tgt Ion:178 Resp: 122074

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.2	18.4
176	19.1	16.4	24.6



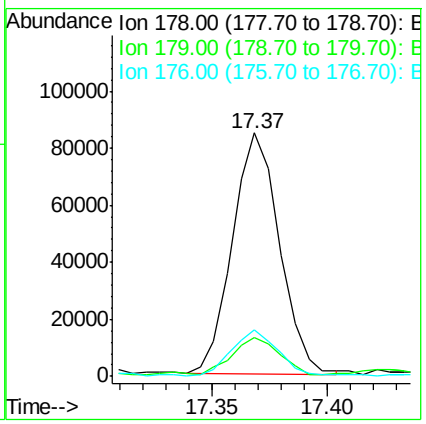


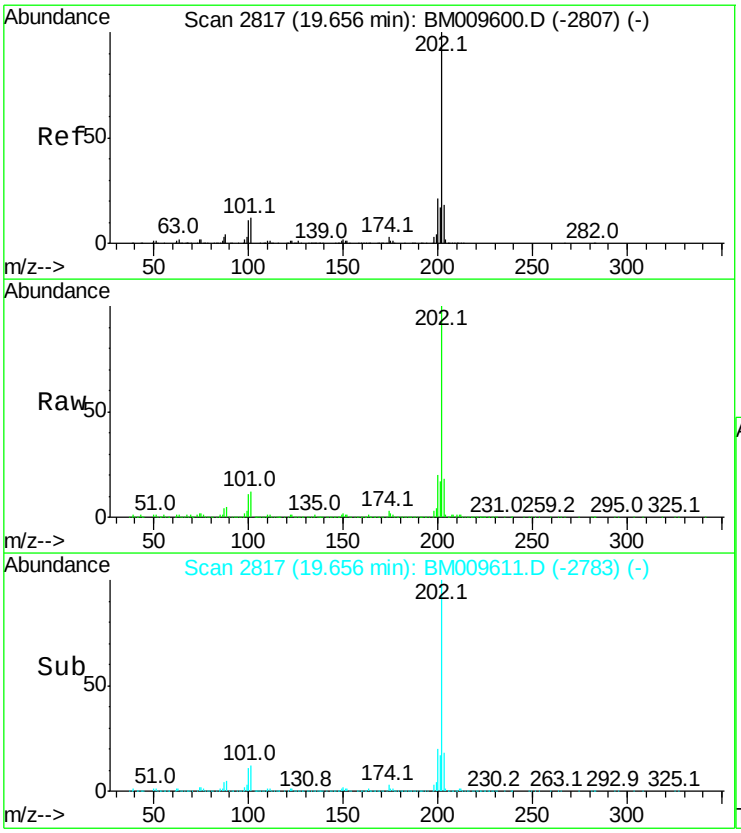
#16
Anthracene
Concen: 1.72 ng/ul
RT: 17.37 min Scan# 2428
Delta R.T. 0.00 min
Lab File: BM009611.D
Acq: 07 Apr 2017 01:36

Instrument :
BNA_M
ClientSampleId :
CB352

Tgt Ion:178 Resp: 120242

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.7	19.1
176	19.1	15.8	23.8

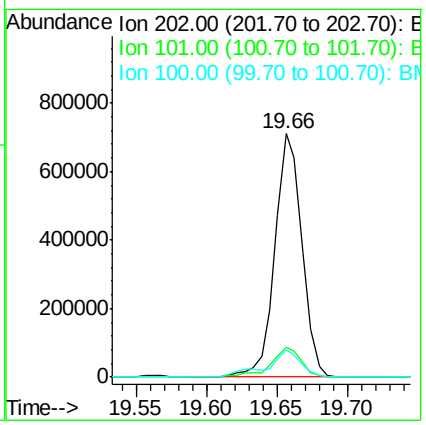


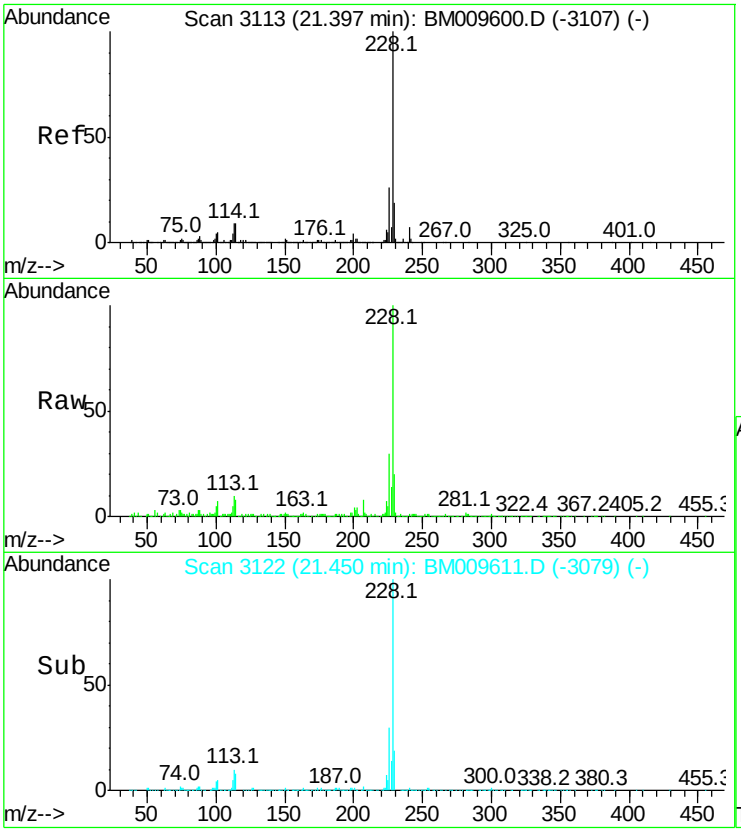


#20
Pyrene
Concen: 15118.65 ng/ul
RT: 19.66 min Scan# 2817
Delta R.T. 0.00 min
Lab File: BM009611.D
Acq: 07 Apr 2017 01:36

Tgt Ion:202 Resp: 950792

Ion	Ratio	Lower	Upper
202	100		
101	12.1	11.2	16.8
100	11.2	9.8	14.6



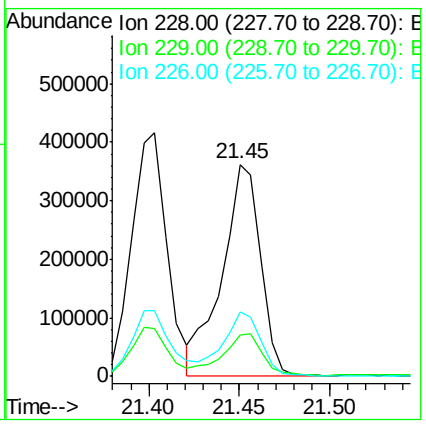


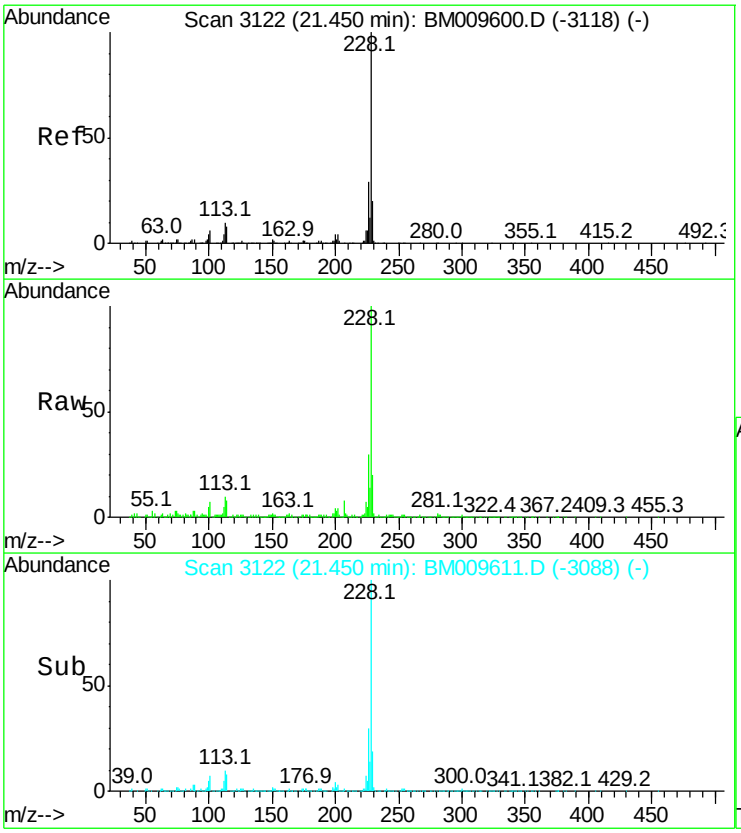
#21
Benzo(a)anthracene
Concen: 8169.45 ng/ul
RT: 21.45 min Scan# 3122
Delta R.T. 0.05 min
Lab File: BM009611.D
Acq: 07 Apr 2017 01:36

Instrument :
BNA_M
ClientSampleId :
CB352

Tgt Ion:228 Resp: 533474

Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.9	23.9
226	30.4	22.1	33.1

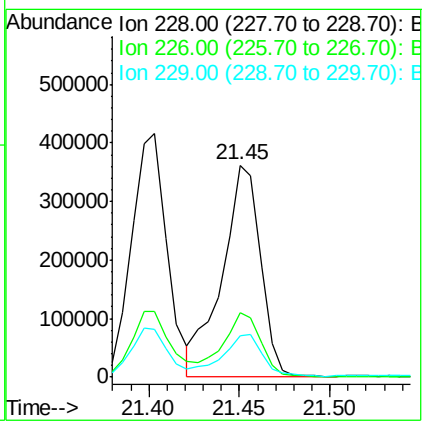


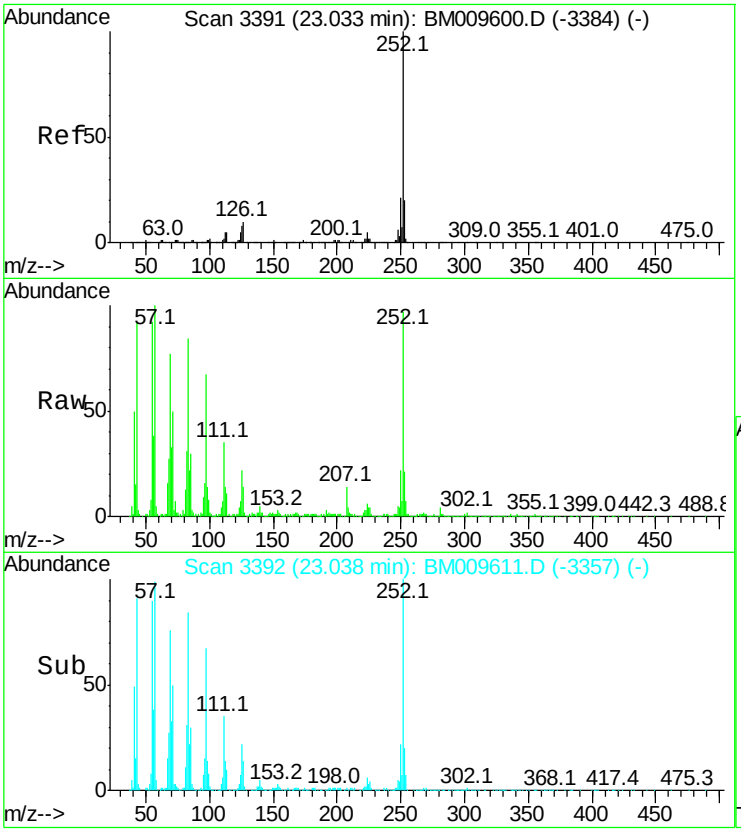


#22
Chrysene
Concen: 8881.81 ng/ul
RT: 21.45 min Scan# 3122
Delta R.T. 0.00 min
Lab File: BM009611.D
Acq: 07 Apr 2017 01:36

Tgt Ion:228 Resp: 531641

Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	19.6	16.6	25.0



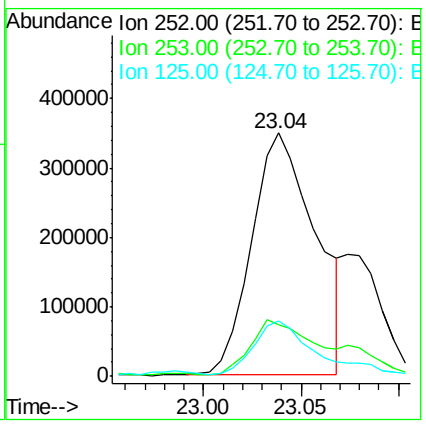


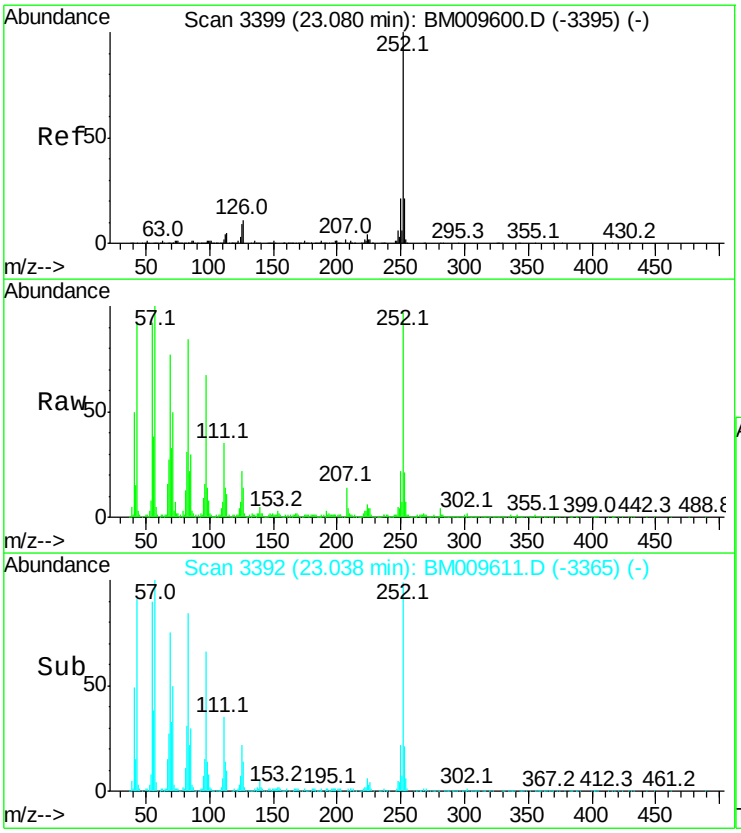
#24
Benzo(b)fluoranthene
Concen: 11.78 ng/ul
RT: 23.04 min Scan# 3392
Delta R.T. 0.01 min
Lab File: BM009611.D
Acq: 07 Apr 2017 01:36

Instrument :
BNA_M
ClientSampleId :
CB352

Tgt Ion:252 Resp: 789598

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.8	26.6
125	22.6	9.4	14.0#

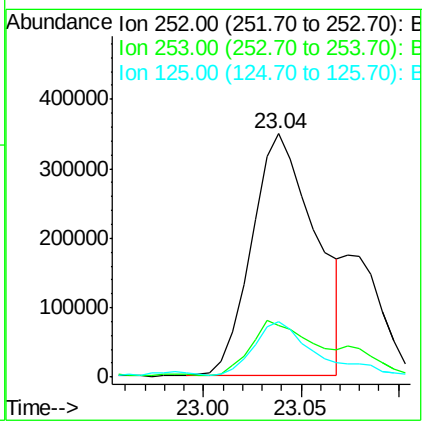


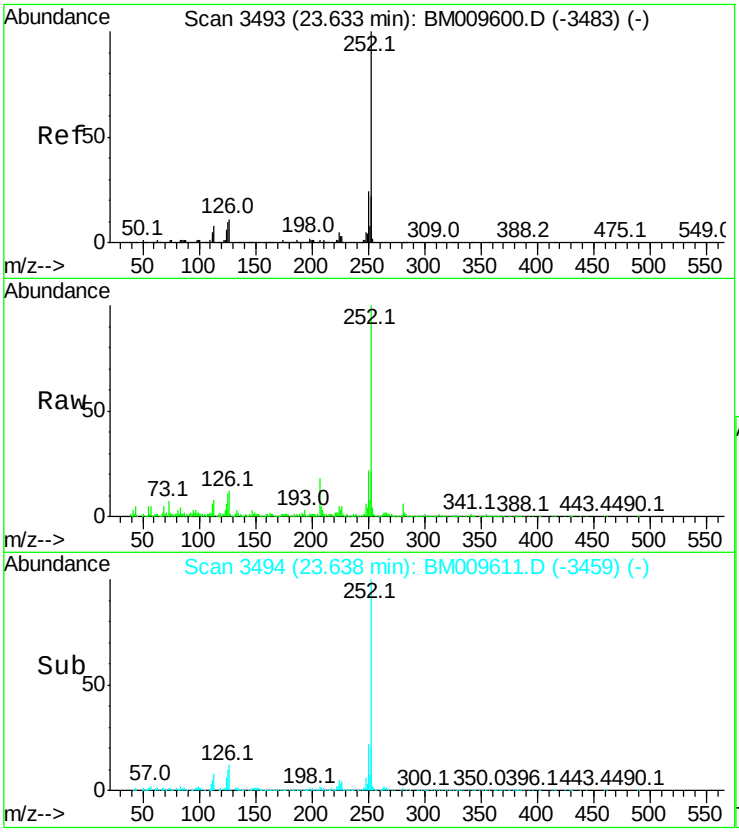


#25
Benzo(k)fluoranthene
Concen: 12.36 ng/ul
RT: 23.04 min Scan# 3392
Delta R.T. -0.04 min
Lab File: BM009611.D
Acq: 07 Apr 2017 01:36

Tgt Ion:252 Resp: 789598

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.4	26.2
125	22.6	8.8	13.2#



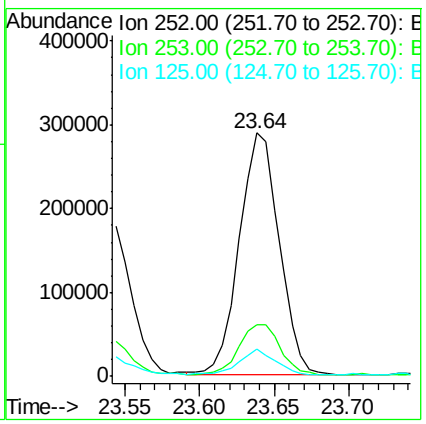


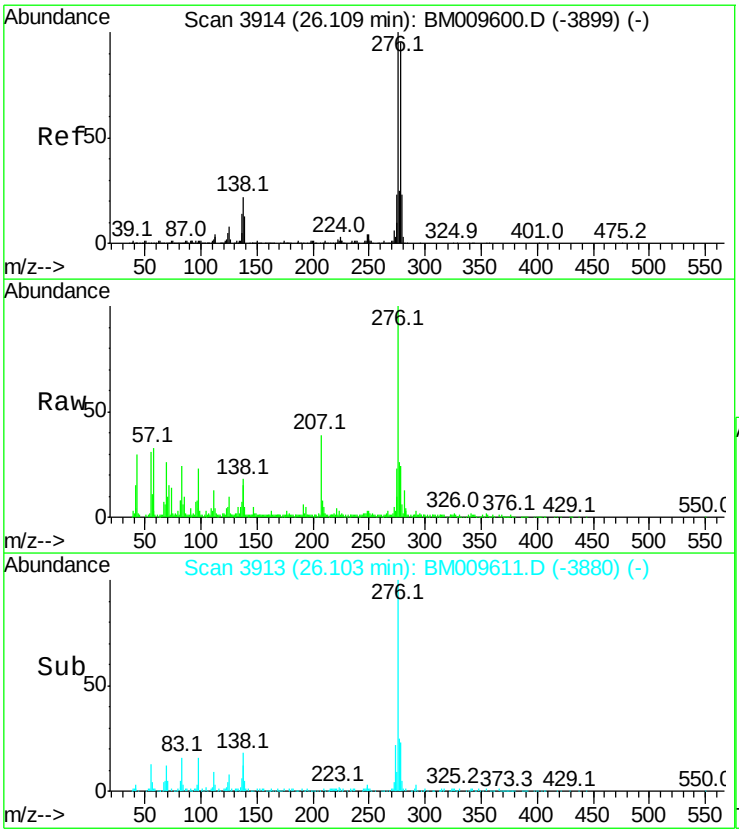
#27
Benzo(a)pyrene
Concen: 8.38 ng/ul
RT: 23.64 min Scan# 3494
Delta R.T. 0.01 min
Lab File: BM009611.D
Acq: 07 Apr 2017 01:36

Instrument :
BNA_M
ClientSampleId :
CB352

Tgt Ion:252 Resp: 534439

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.1	25.7
125	11.0	9.4	14.2

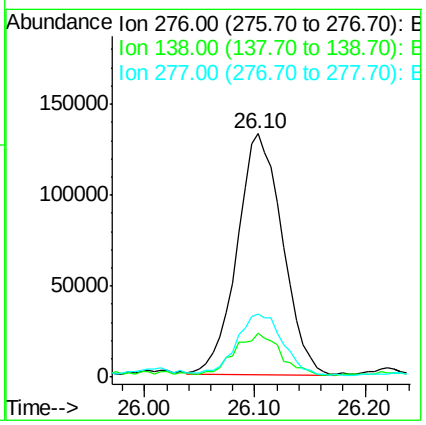


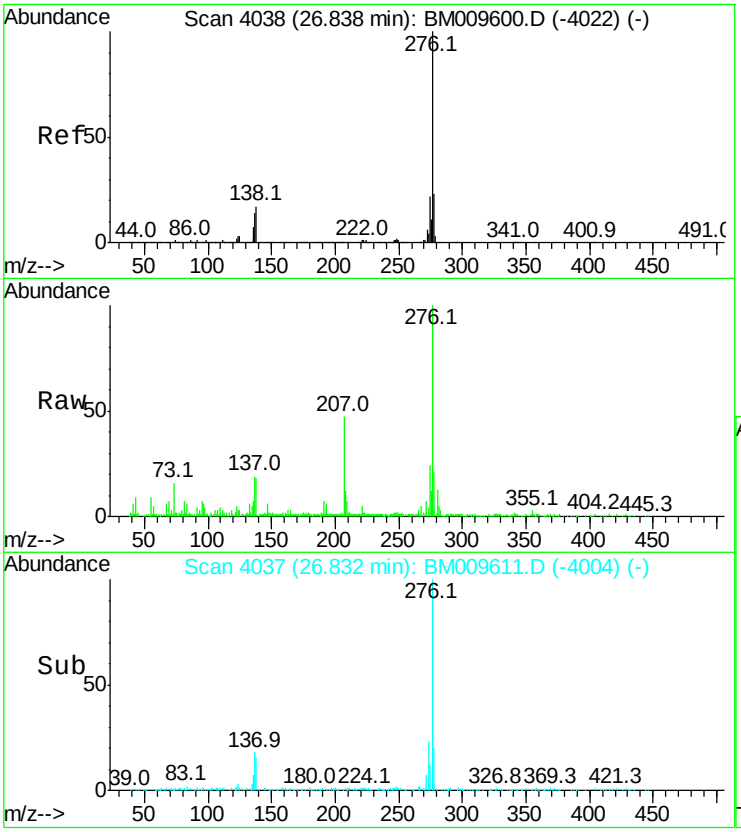


#28
Indeno(1,2,3-cd)pyrene
Concen: 5.35 ng/ul
RT: 26.10 min Scan# 3913
Delta R.T. -0.01 min
Lab File: BM009611.D
Acq: 07 Apr 2017 01:36

Tgt Ion:276 Resp: 382212

Ion	Ratio	Lower	Upper
276	100		
138	18.2	17.8	26.6
277	26.0	19.4	29.0





#30
Benzo(g,h,i)perylene
Concen: 6.20 ng/ul
RT: 26.83 min Scan# 4037
Delta R.T. -0.01 min
Lab File: BM009611.D
Acq: 07 Apr 2017 01:36

Instrument :
BNA_M
ClientSampleId :
CB352

Tgt Ion:276 Resp: 365454

Ion	Ratio	Lower	Upper
276	100		
138	17.7	19.0	28.4#
277	20.5	19.7	29.5