Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082915\
Data File : BM002571.D
Acq On : 29 Aug 2015 19:07
Operator : UM/IZ
Sample : G3455-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9E72

Quant Time: Aug 31 01:12:48 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 31 01:07:40 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	132228	20.00	ng/ul	0.00
2) Naphthalene-d8	11.64	136	537575	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.36	164	243384	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.07	188	457803	20.00	ng/ul	0.00
17) Chrysene-d12	22.16	240	462607	20.00	ng/ul	0.00
22) Perylene-d12	24.77	264	485406	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.07	160	552708	22.21	ng/ul	0.00
10) Fluorene-d10	16.33	176	341759	19.55	ng/ul	0.00
14) Anthracene-d10	18.17	188	542988	24.59	ng/ul	0.00
18) Pyrene-d10	20.40	212	381886	18.62	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.60	264	457126	17.93	ng/ul	0.00
Target Compounds						Qvalue
13) Phenanthrene	18.12	178	370333	14.01	ng/ul	99
15) Anthracene	18.20	178	58475	2.18	ng/ul	99
16) Fluoranthene	20.07	202	689057	23.02	ng/ul	97
19) Pyrene	20.42	202	543464	20.05	ng/ul	98
20) Benzo(a)anthracene	22.14	228	247131	8.93	ng/ul	99
21) Chrysene	22.19	228	257668	9.96	ng/ul	98
23) Benzo(b)fluoranthene	23.97	252	372217	12.68	ng/ul	97
24) Benzo(k)fluoranthene	23.97	252	96894	3.48	ng/ul	98
26) Benzo(a)pyrene	24.66	252	237178	8.46	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	27.53	276	180289	5.59	ng/ul	97
28) Dibenzo(a,h)anthracene	27.53	278	41638	1.55	ng/ul#	77
29) Benzo(g,h,i)perylene	28.40	276	179552	6.69	ng/ul	95

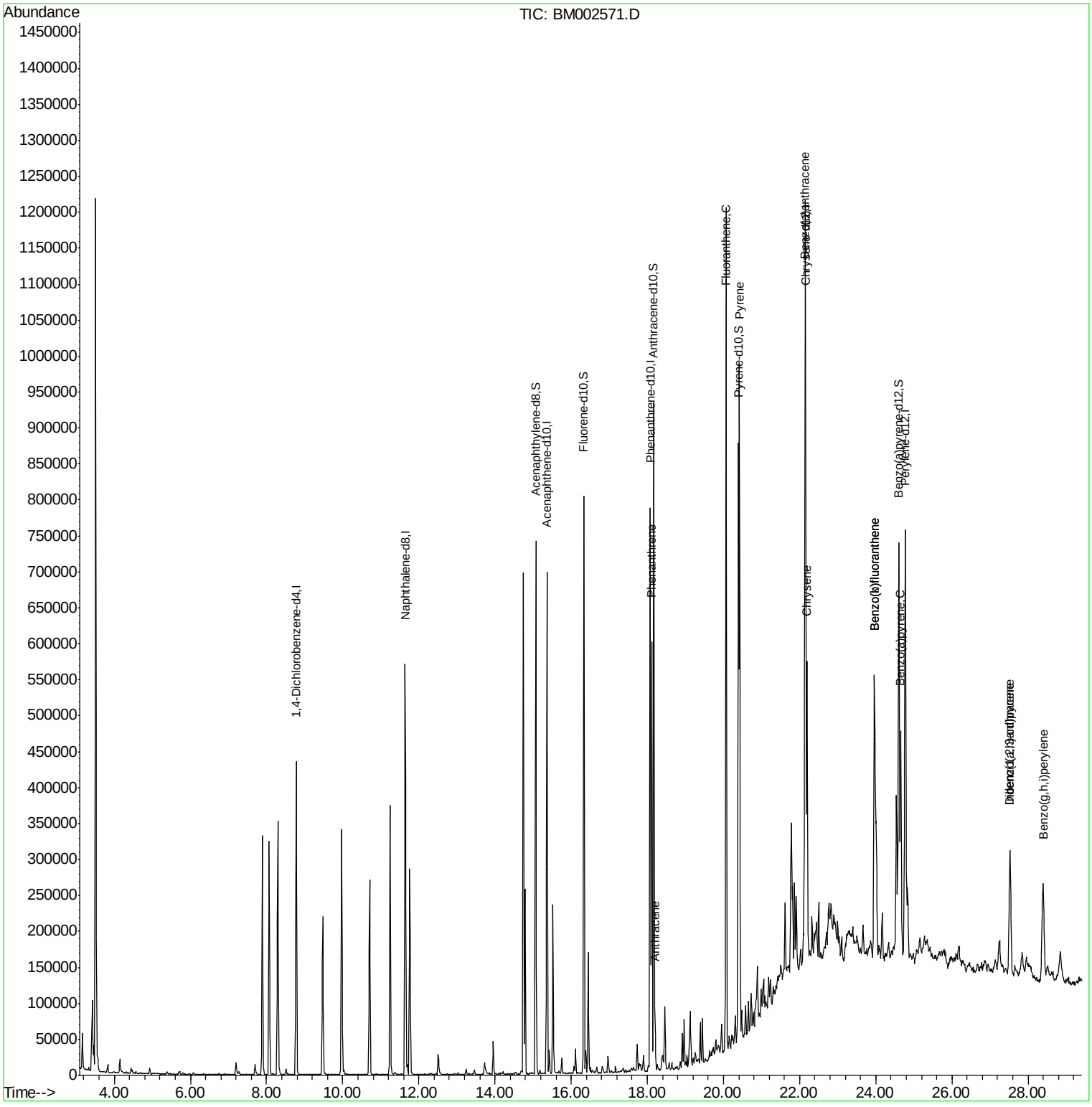
(#) = qualifier out of range (m) = manual integration (+) = signals summed

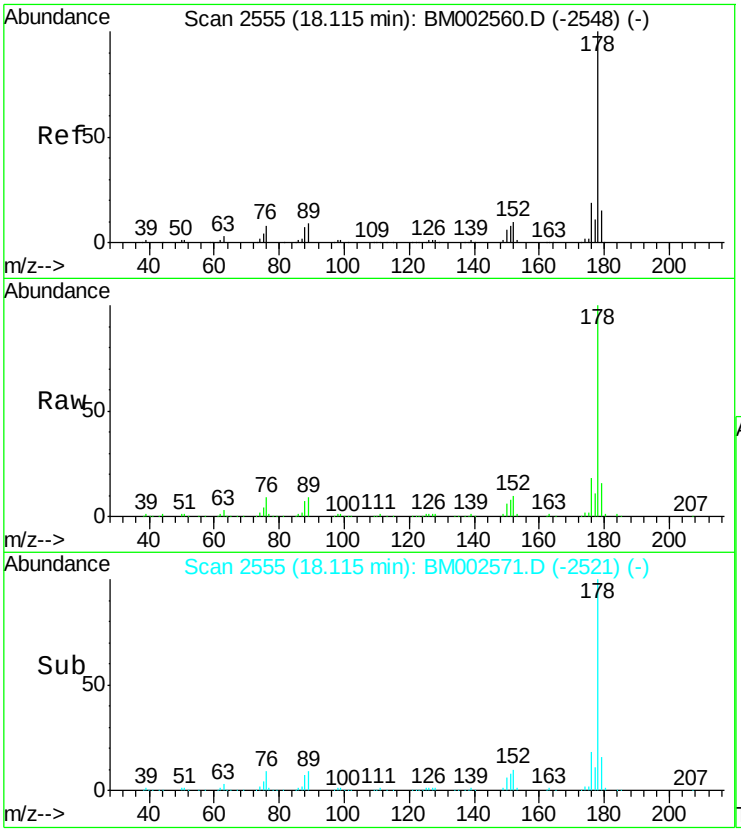
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082915\
Data File : BM002571.D
Acq On : 29 Aug 2015 19:07
Operator : UM/IZ
Sample : G3455-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9E72

Quant Time: Aug 31 01:12:48 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 31 01:07:40 2015
Response via : Initial Calibration



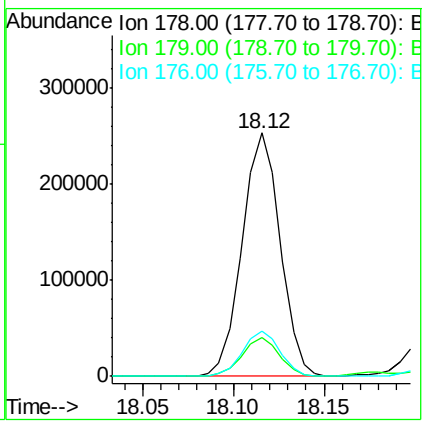


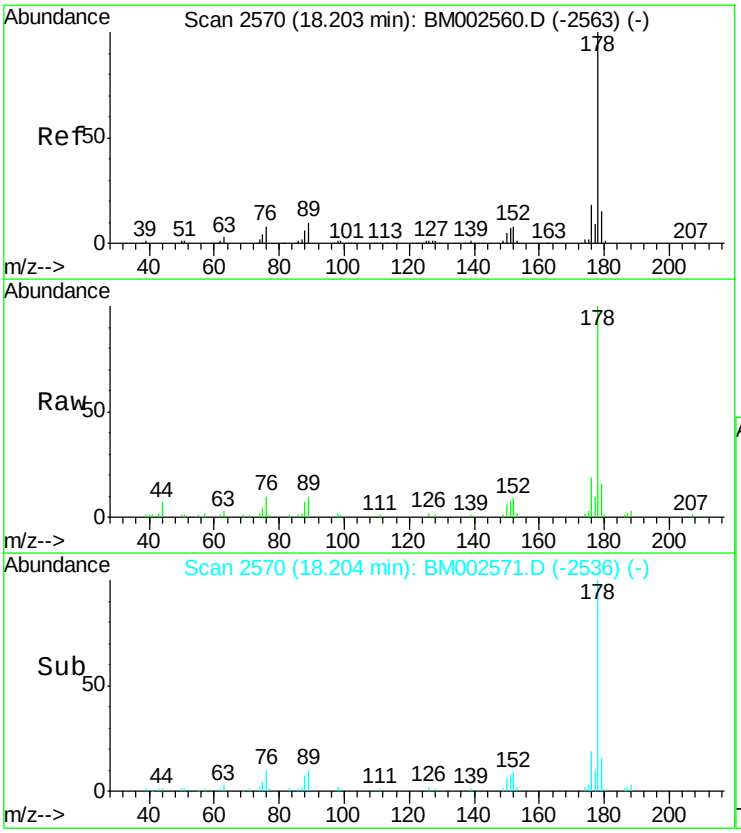
#13
Phenanthrene
Concen: 14.01 ng/ul
RT: 18.12 min Scan# 2555
Delta R.T. 0.00 min
Lab File: BM002571.D
Acq: 29 Aug 2015 19:07

Instrument :
BNA_M
ClientSampleId :
D9E72

Tgt Ion:178 Resp: 370333

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.4	18.6
176	18.4	15.1	22.7

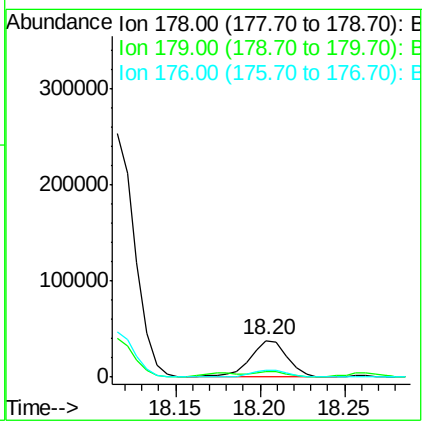


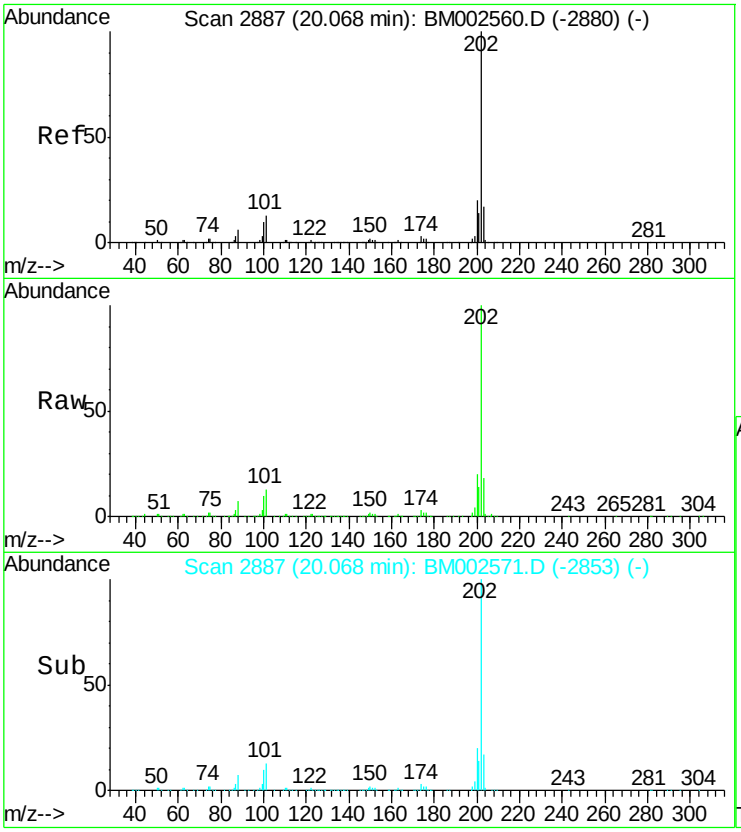


#15
Anthracene
Concen: 2.18 ng/ul
RT: 18.20 min Scan# 2570
Delta R.T. 0.00 min
Lab File: BM002571.D
Acq: 29 Aug 2015 19:07

Tgt Ion:178 Resp: 58475

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.6	18.8
176	18.9	14.5	21.7



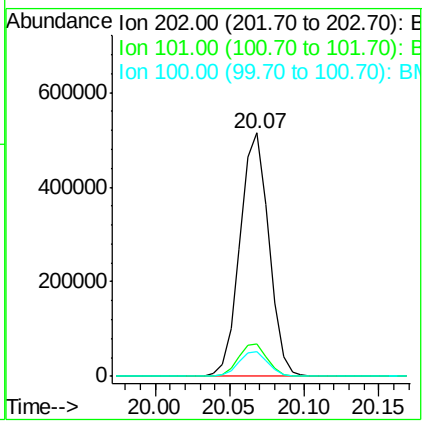


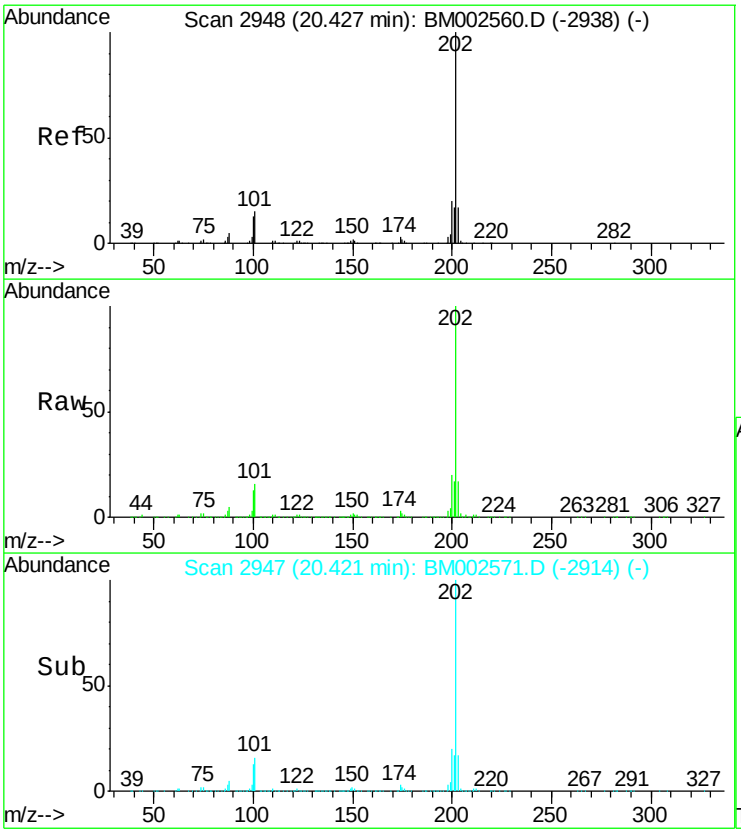
#16
Fluoranthene
Concen: 23.02 ng/ul
RT: 20.07 min Scan# 2887
Delta R.T. 0.00 min
Lab File: BM002571.D
Acq: 29 Aug 2015 19:07

Instrument :
BNA_M
ClientSampleId :
D9E72

Tgt Ion:202 Resp: 689057

Ion	Ratio	Lower	Upper
202	100		
101	13.5	9.7	14.5
100	10.1	7.4	11.2

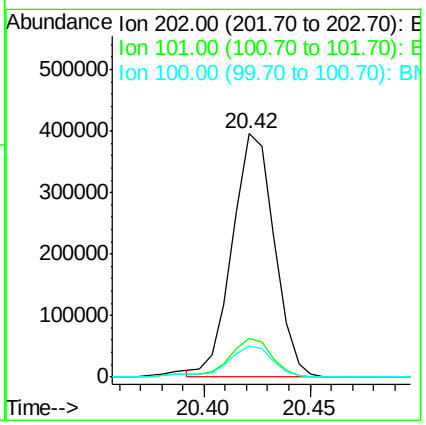


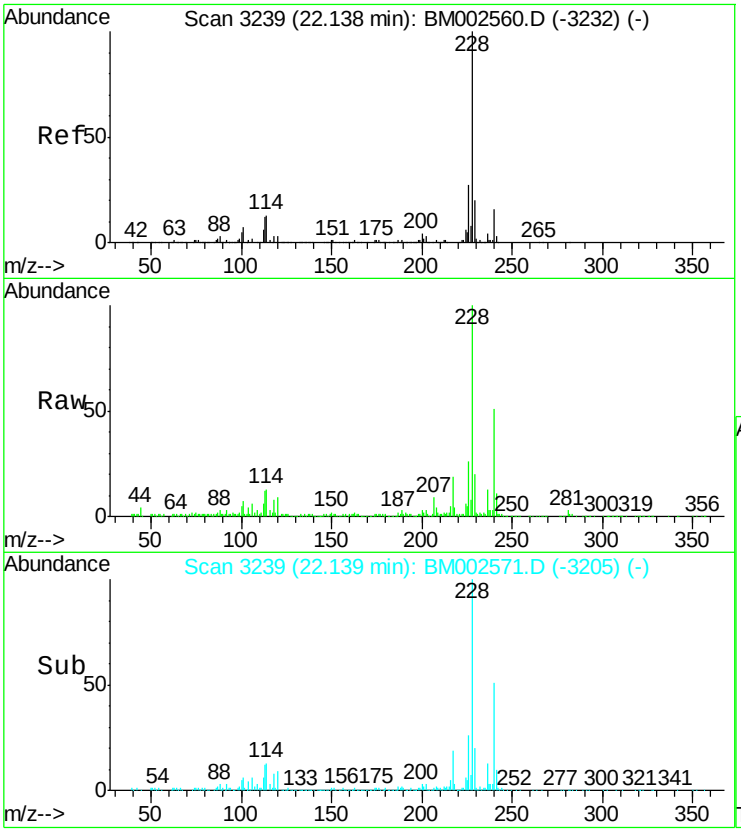


#19
Pyrene
Concen: 20.05 ng/ul
RT: 20.42 min Scan# 2947
Delta R.T. -0.01 min
Lab File: BM002571.D
Acq: 29 Aug 2015 19:07

Tgt Ion:202 Resp: 543464

Ion	Ratio	Lower	Upper
202	100		
101	16.0	12.0	18.0
100	12.9	9.7	14.5



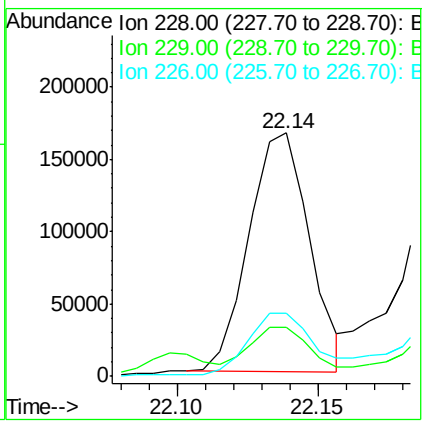


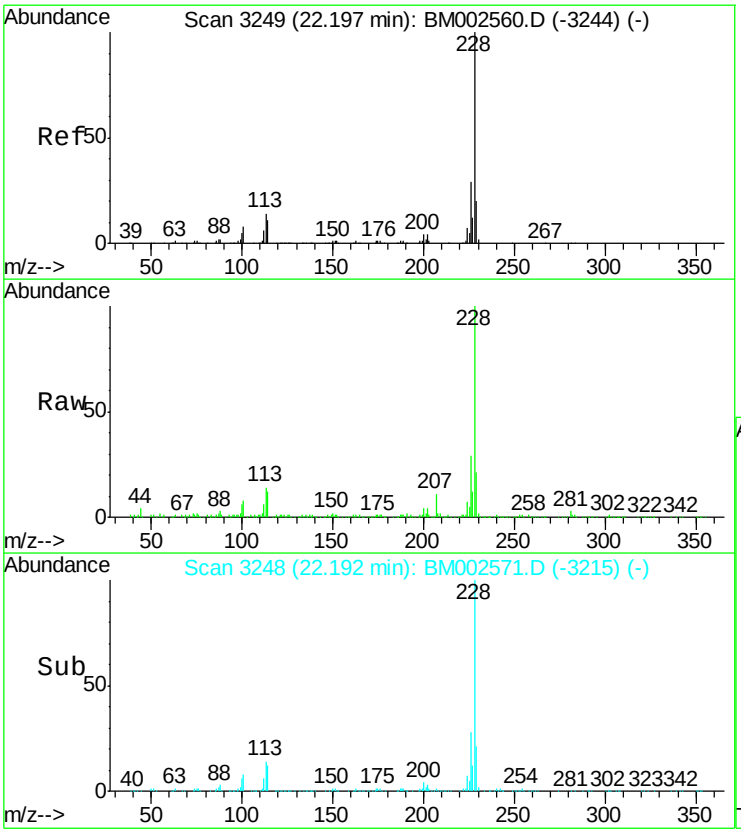
#20
Benzo(a)anthracene
Concen: 8.93 ng/ul
RT: 22.14 min Scan# 3239
Delta R.T. 0.00 min
Lab File: BM002571.D
Acq: 29 Aug 2015 19:07

Instrument :
BNA_M
ClientSampleId :
D9E72

Tgt Ion:228 Resp: 247131

Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.8	23.6
226	26.1	21.1	31.7

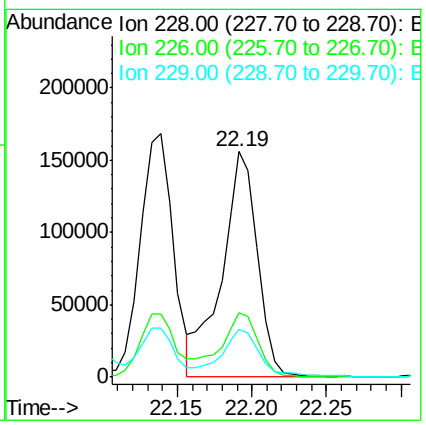


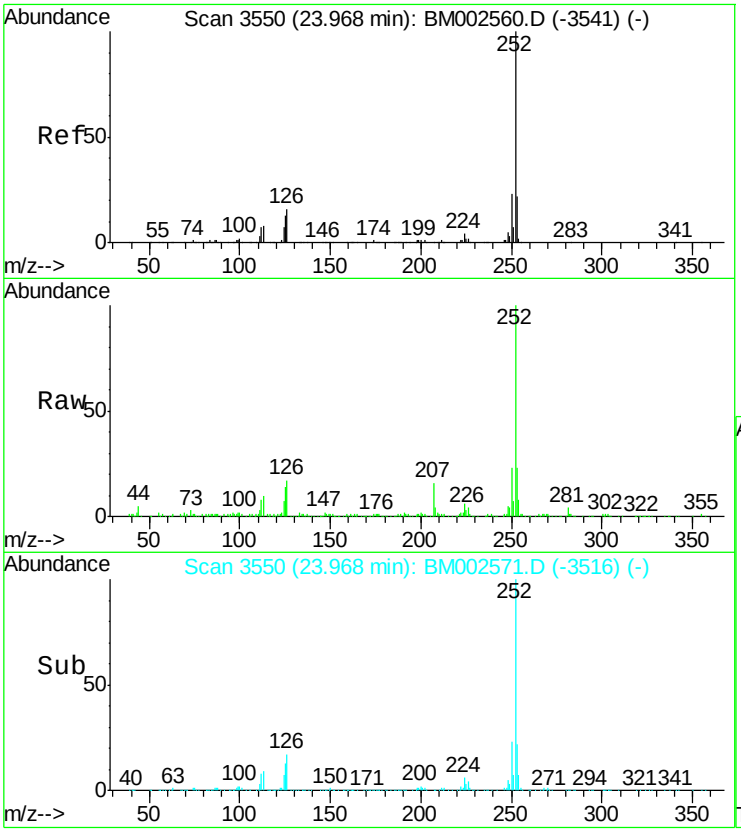


#21
Chrysene
Concen: 9.96 ng/ul
RT: 22.19 min Scan# 3248
Delta R.T. -0.01 min
Lab File: BM002571.D
Acq: 29 Aug 2015 19:07

Tgt Ion:228 Resp: 257668

Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.4	35.2
229	21.4	15.7	23.5



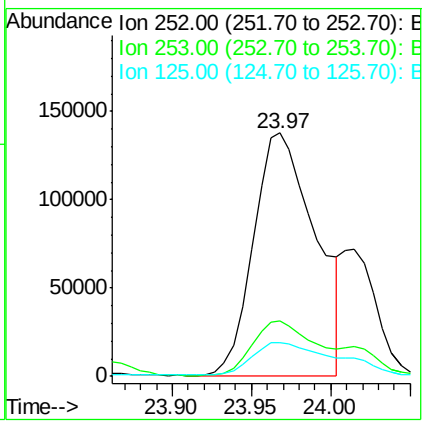


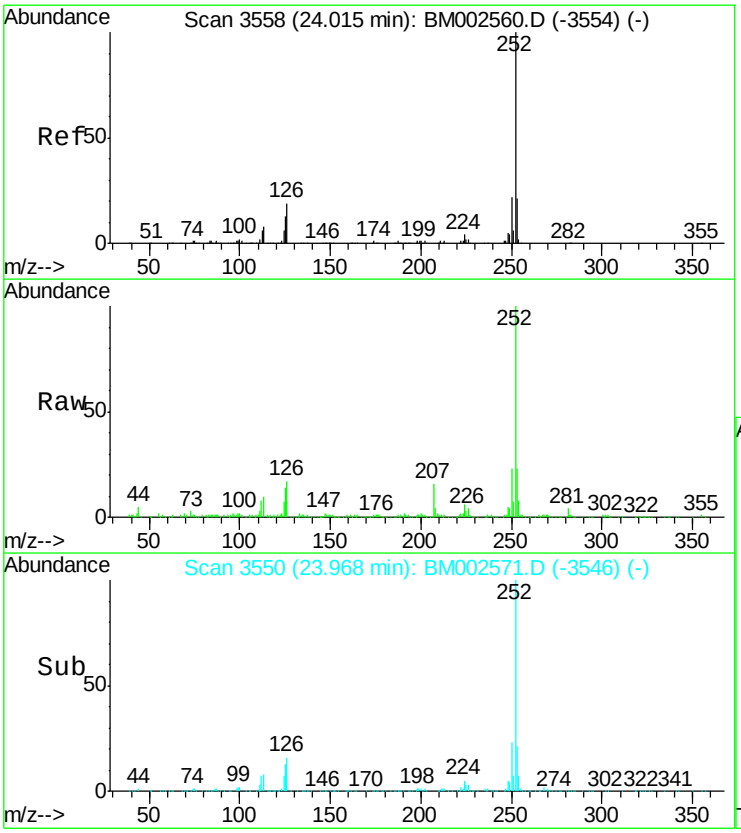
#23
Benzo(b)fluoranthene
Concen: 12.68 ng/ul
RT: 23.97 min Scan# 3550
Delta R.T. 0.00 min
Lab File: BM002571.D
Acq: 29 Aug 2015 19:07

Instrument :
BNA_M
ClientSampleId :
D9E72

Tgt Ion:252 Resp: 372217

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.0
125	14.0	10.0	15.0

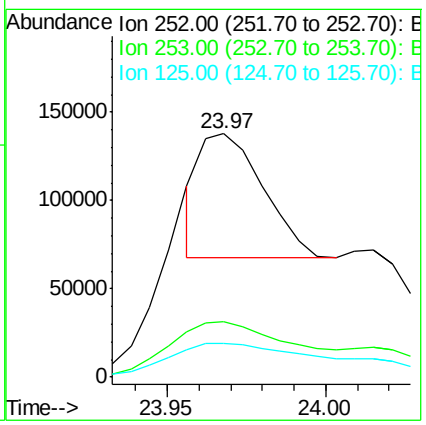


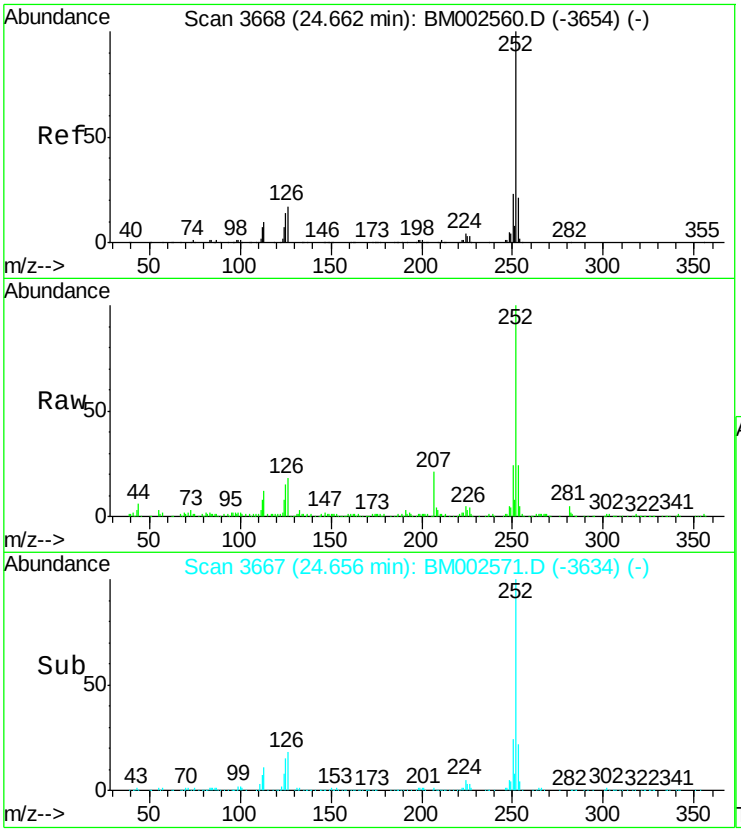


#24
Benzo(k)fluoranthene
Concen: 3.48 ng/ul
RT: 23.97 min Scan# 3550
Delta R.T. -0.05 min
Lab File: BM002571.D
Acq: 29 Aug 2015 19:07

Tgt Ion:252 Resp: 96894

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	14.0	9.8	14.8



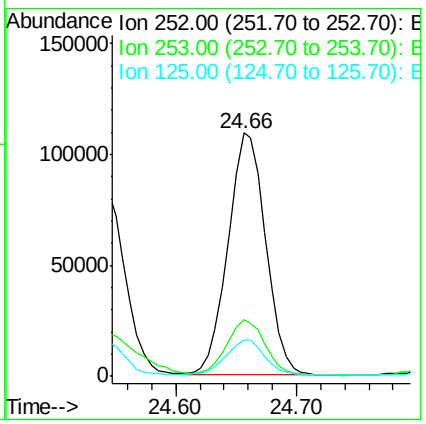


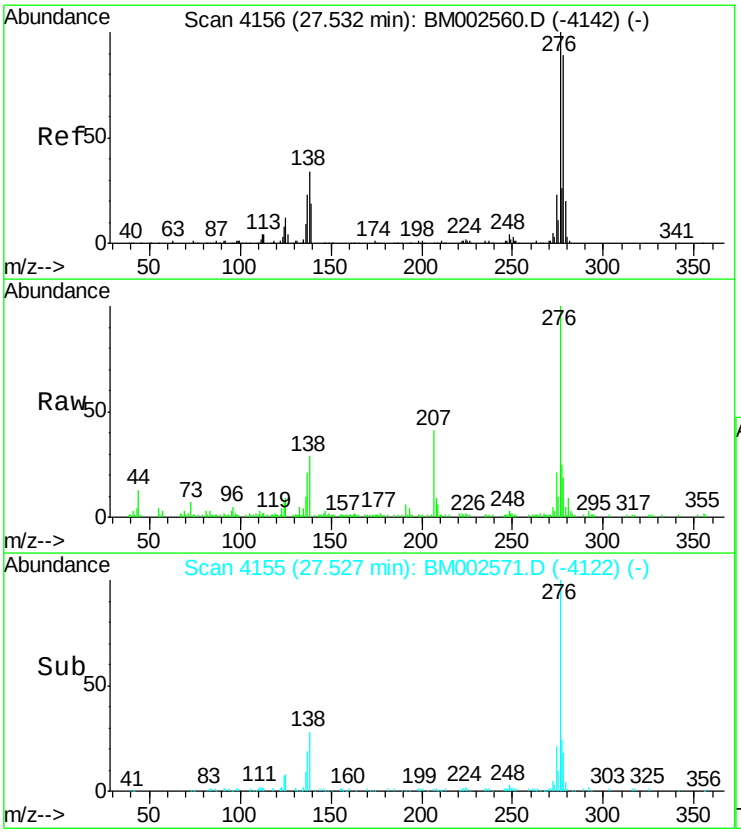
#26
Benzo(a)pyrene
Concen: 8.46 ng/ul
RT: 24.66 min Scan# 3667
Delta R.T. -0.01 min
Lab File: BM002571.D
Acq: 29 Aug 2015 19:07

Instrument :
BNA_M
ClientSampleId :
D9E72

Tgt Ion:252 Resp: 237178

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.6	26.4
125	15.1	10.7	16.1

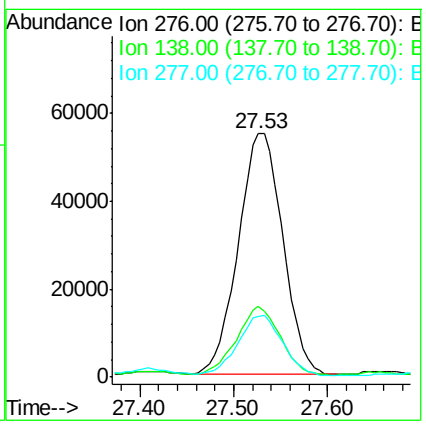


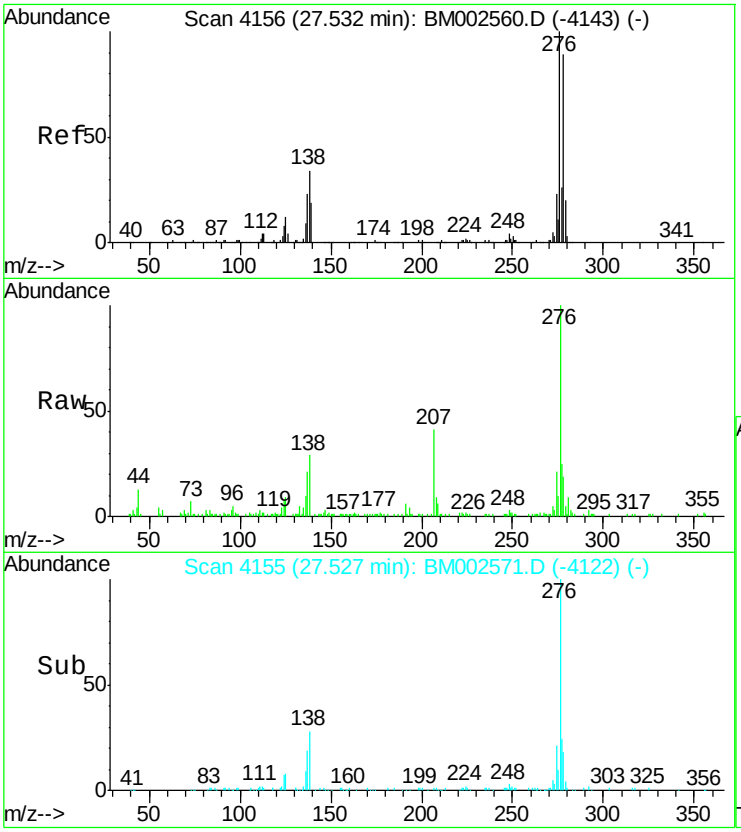


#27
Indeno(1,2,3-cd)pyrene
Concen: 5.59 ng/ul
RT: 27.53 min Scan# 4155
Delta R.T. -0.01 min
Lab File: BM002571.D
Acq: 29 Aug 2015 19:07

Tgt Ion:276 Resp: 180289

Ion	Ratio	Lower	Upper
276	100		
138	28.9	25.3	37.9
277	24.7	20.2	30.2



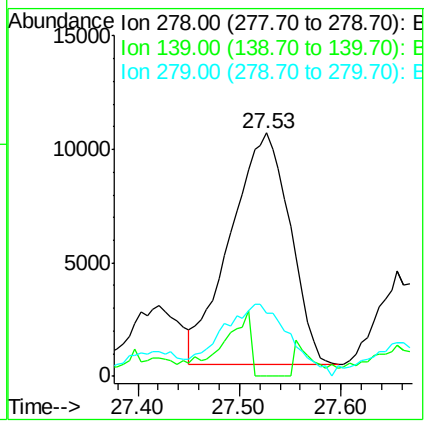


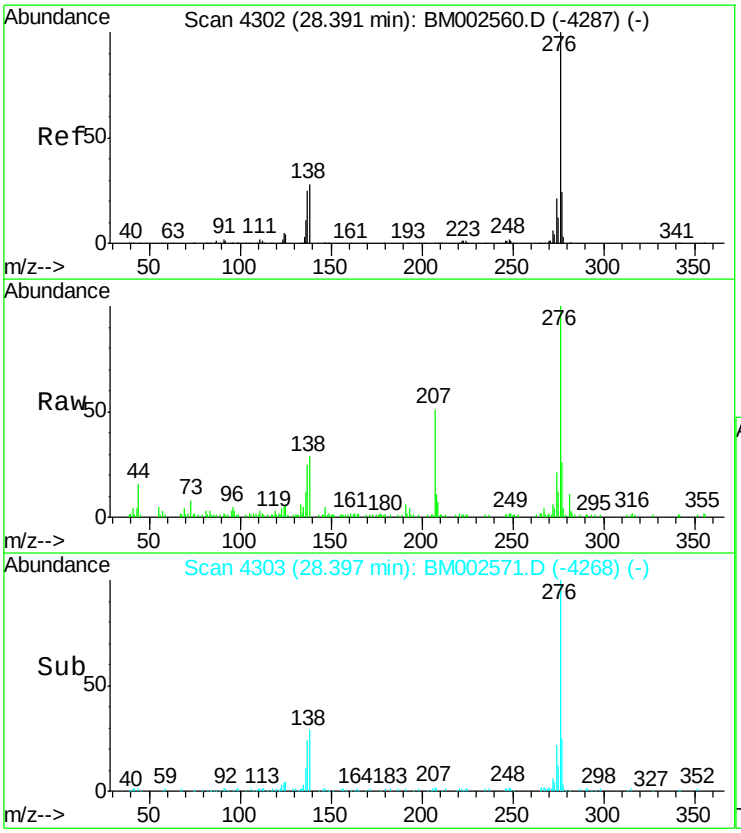
#28
Dibenzo(a,h)anthracene
Concen: 1.55 ng/ul
RT: 27.53 min Scan# 4155
Delta R.T. -0.01 min
Lab File: BM002571.D
Acq: 29 Aug 2015 19:07

Instrument :
BNA_M
ClientSampleId :
D9E72

Tgt Ion:278 Resp: 41638

Ion	Ratio	Lower	Upper
278	100		
139	0.0	16.5	24.7#
279	25.8	18.8	28.2





#29
Benzo(g,h,i)perylene
Concen: 6.69 ng/ul
RT: 28.40 min Scan# 4303
Delta R.T. 0.01 min
Lab File: BM002571.D
Acq: 29 Aug 2015 19:07

Tgt Ion:276 Resp: 179552

Ion	Ratio	Lower	Upper
276	100		
138	29.3	21.0	31.6
277	25.7	19.2	28.8