Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082915\
Data File : BM002569.D
Acq On : 29 Aug 2015 17:54
Operator : UM/IZ
Sample : G3455-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9E68

Quant Time: Aug 31 01:12:20 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	8.78	152	125965	20.00	ng/ul	0.00
2) Naphthalene-d8	11.64	136	510580	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.36	164	226647	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.07	188	424233	20.00	ng/ul	0.00
17) Chrysene-d12	22.15	240	434737	20.00	ng/ul	0.00
22) Perylene-d12	24.77	264	455524	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.07	160	635187	27.41	ng/ul	0.00
10) Fluorene-d10	16.33	176	385955	23.71	ng/ul	0.00
14) Anthracene-d10	18.17	188	547916	26.78	ng/ul	0.00
18) Pyrene-d10	20.40	212	441679	22.92	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.60	264	459475	19.20	ng/ul	0.00
Target Compounds						Qvalue
13) Phenanthrene	18.12	178	206125	8.41	ng/ul	98
15) Anthracene	18.20	178	27033	1.09	ng/ul	99
16) Fluoranthene	20.07	202	360355	12.99	ng/ul	98
19) Pyrene	20.42	202	285149	11.20	ng/ul	98
20) Benzo(a)anthracene	22.13	228	142802	5.49	ng/ul	99
21) Chrysene	22.19	228	146902	6.04	ng/ul	97
23) Benzo(b)fluoranthene	23.96	252	222880	8.09	ng/ul	97
26) Benzo(a)pyrene	24.66	252	146172	5.56	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	27.53	276	119177	3.94	ng/ul	97
28) Dibenzo(a,h)anthracene	27.52	278	30679	1.21	ng/ul#	74
29) Benzo(g,h,i)perylene	28.39	276	128548	5.11	ng/ul	97

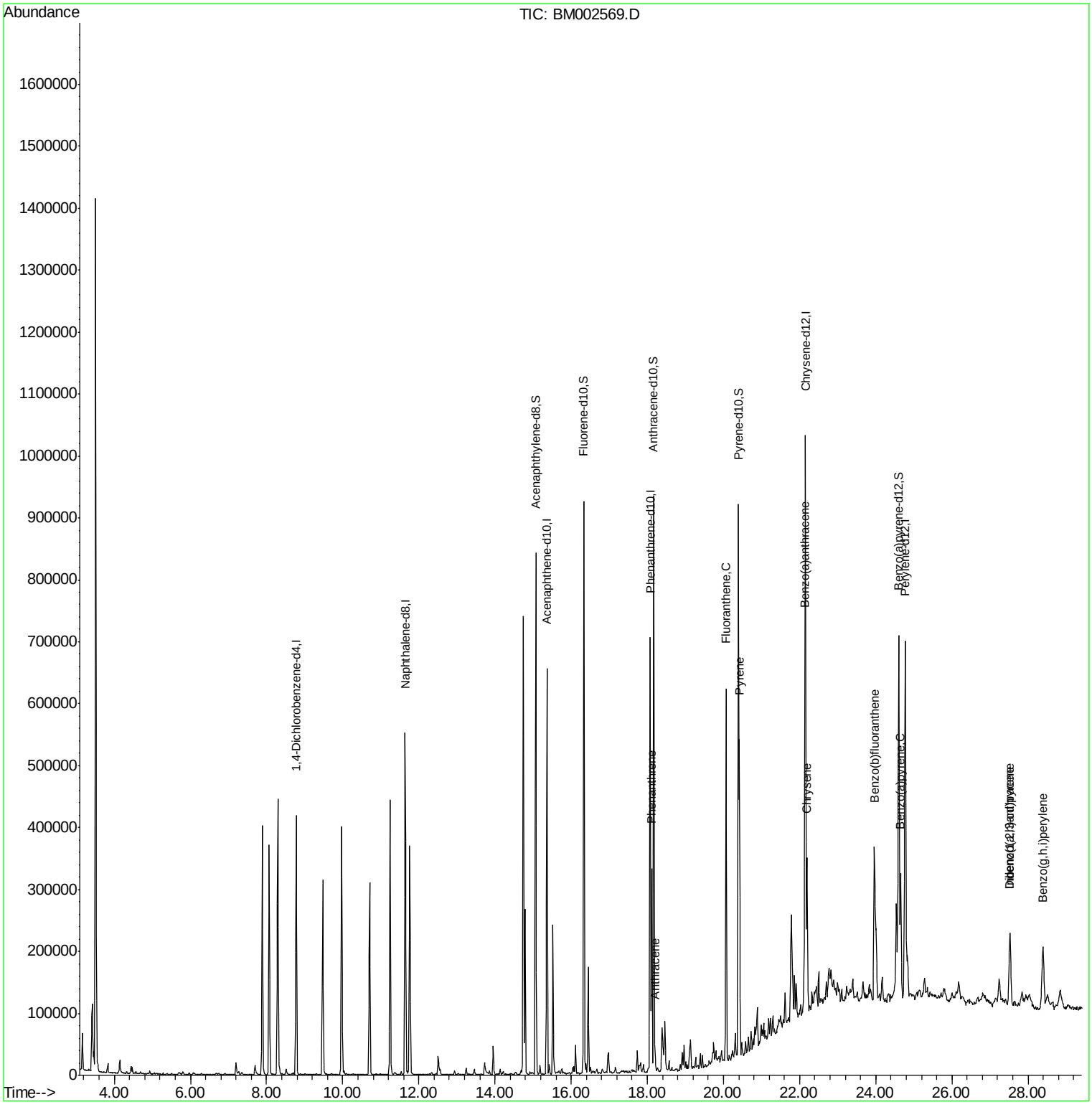
(#) = qualifier out of range (m) = manual integration (+) = signals summed

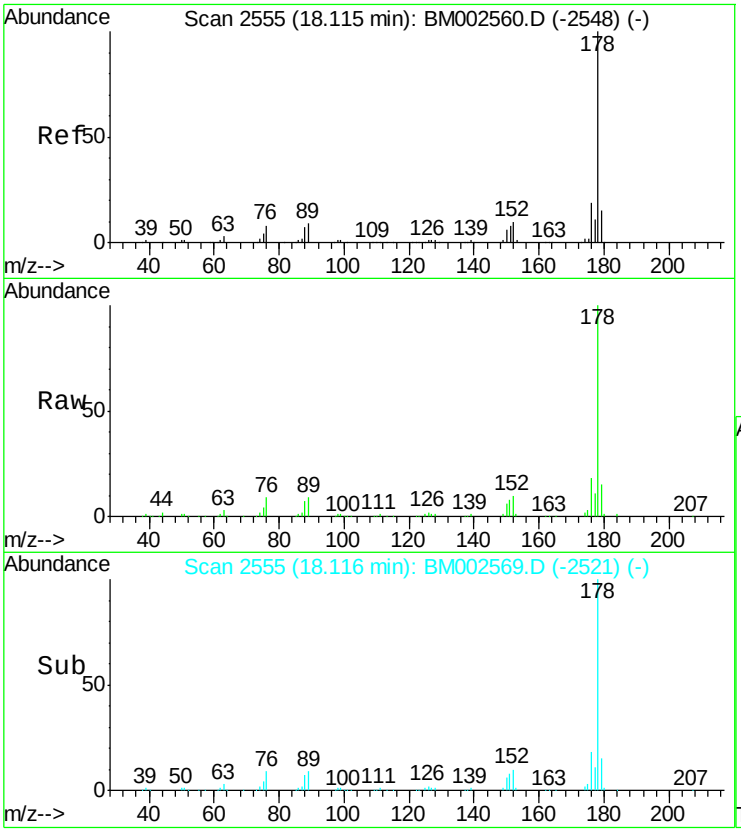
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082915\
Data File : BM002569.D
Acq On : 29 Aug 2015 17:54
Operator : UM/IZ
Sample : G3455-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9E68

Quant Time: Aug 31 01:12:20 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



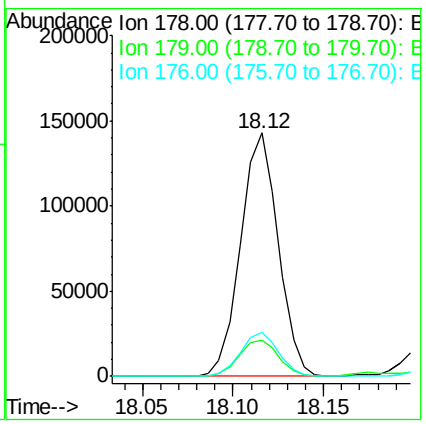


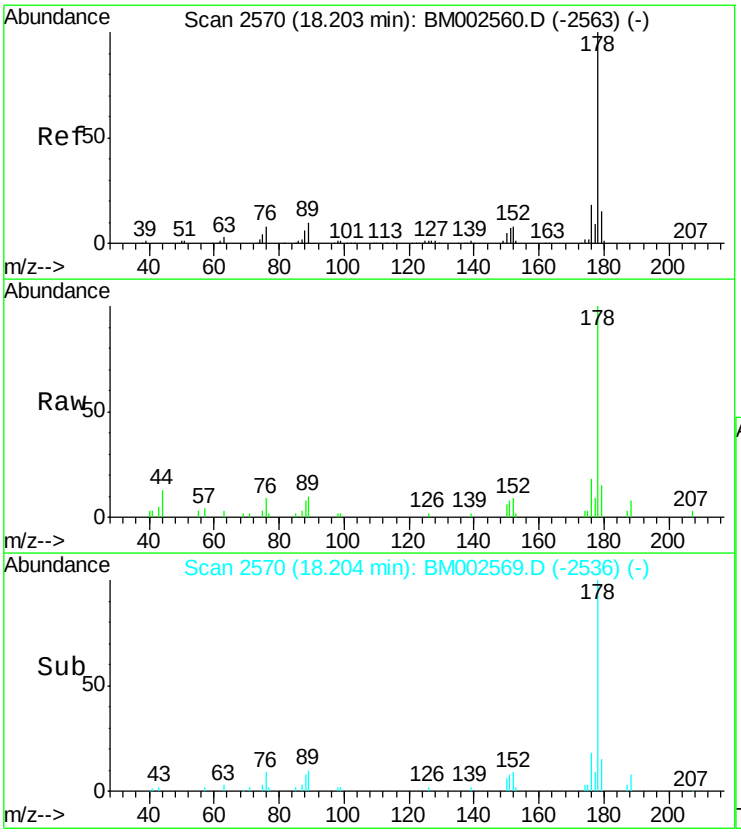
#13
Phenanthrene
Concen: 8.41 ng/ul
RT: 18.12 min Scan# 2555
Delta R.T. 0.00 min
Lab File: BM002569.D
Acq: 29 Aug 2015 17:54

Instrument :
BNA_M
ClientSampleId :
D9E68

Tgt Ion:178 Resp: 206125

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.4	18.6
176	18.1	15.1	22.7

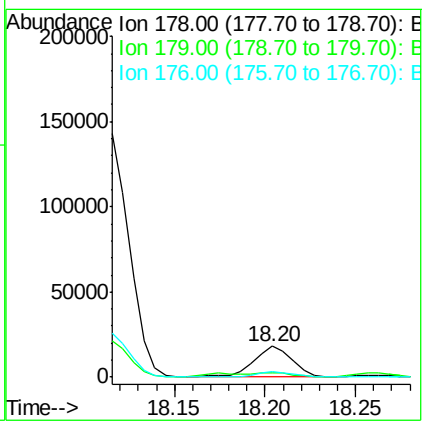


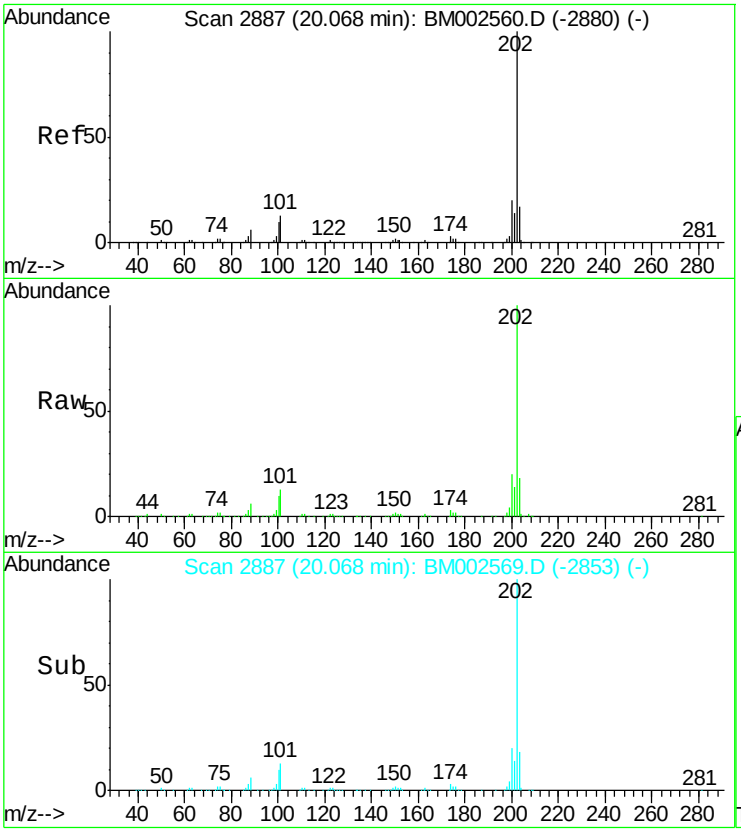


#15
Anthracene
Concen: 1.09 ng/ul
RT: 18.20 min Scan# 2570
Delta R.T. 0.00 min
Lab File: BM002569.D
Acq: 29 Aug 2015 17:54

Tgt Ion:178 Resp: 27033

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.6	18.8
176	17.8	14.5	21.7



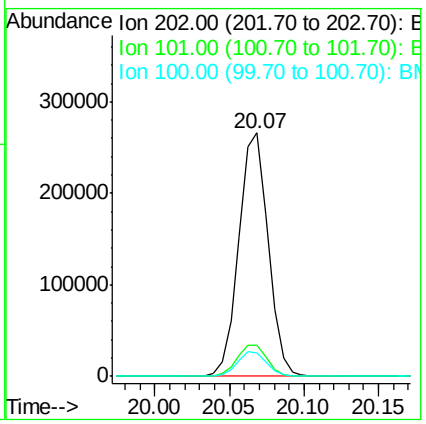


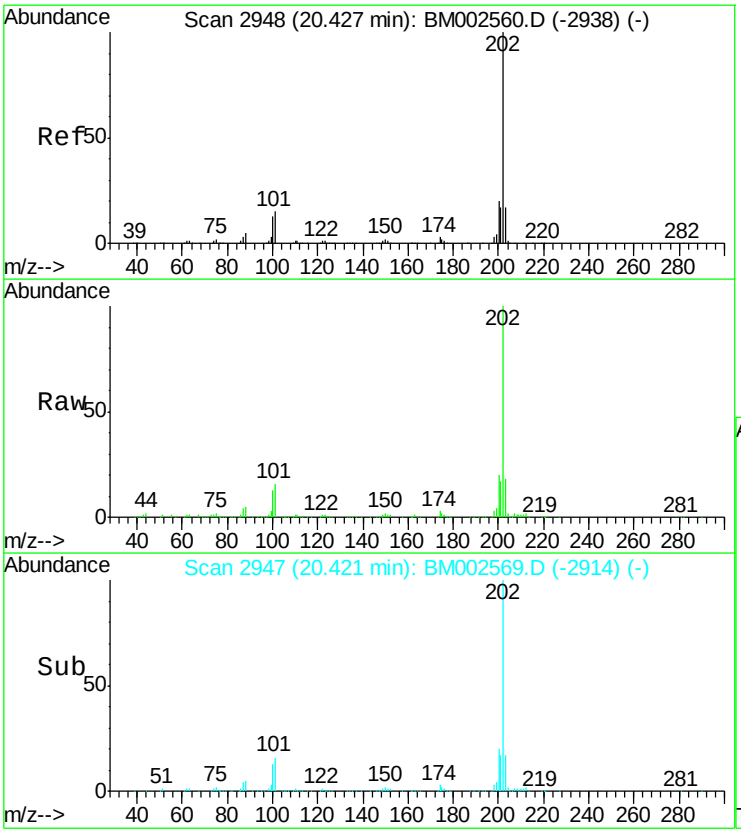
#16
Fluoranthene
Concen: 12.99 ng/ul
RT: 20.07 min Scan# 2887
Delta R.T. 0.00 min
Lab File: BM002569.D
Acq: 29 Aug 2015 17:54

Instrument :
BNA_M
ClientSampleId :
D9E68

Tgt Ion:202 Resp: 360355

Ion	Ratio	Lower	Upper
202	100		
101	13.0	9.7	14.5
100	9.8	7.4	11.2

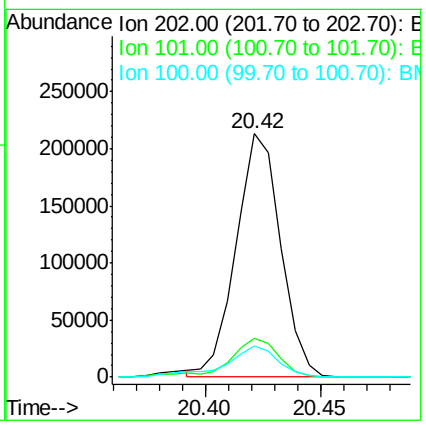


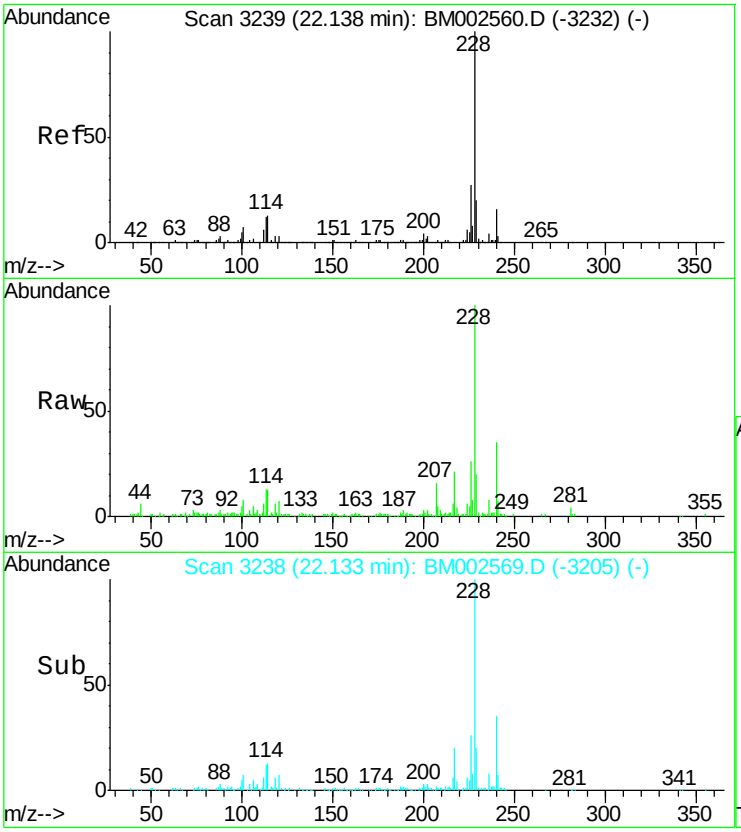


#19
Pyrene
Concen: 11.20 ng/ul
RT: 20.42 min Scan# 2947
Delta R.T. -0.01 min
Lab File: BM002569.D
Acq: 29 Aug 2015 17:54

Tgt Ion:202 Resp: 285149

Ion	Ratio	Lower	Upper
202	100		
101	15.9	12.0	18.0
100	13.0	9.7	14.5



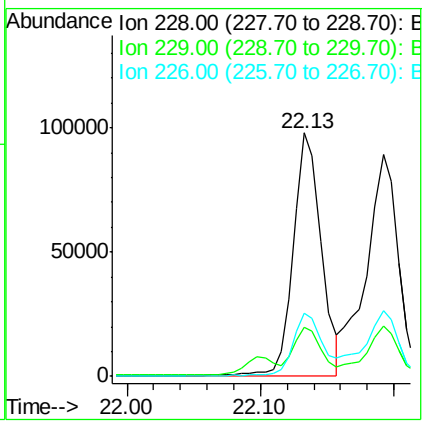


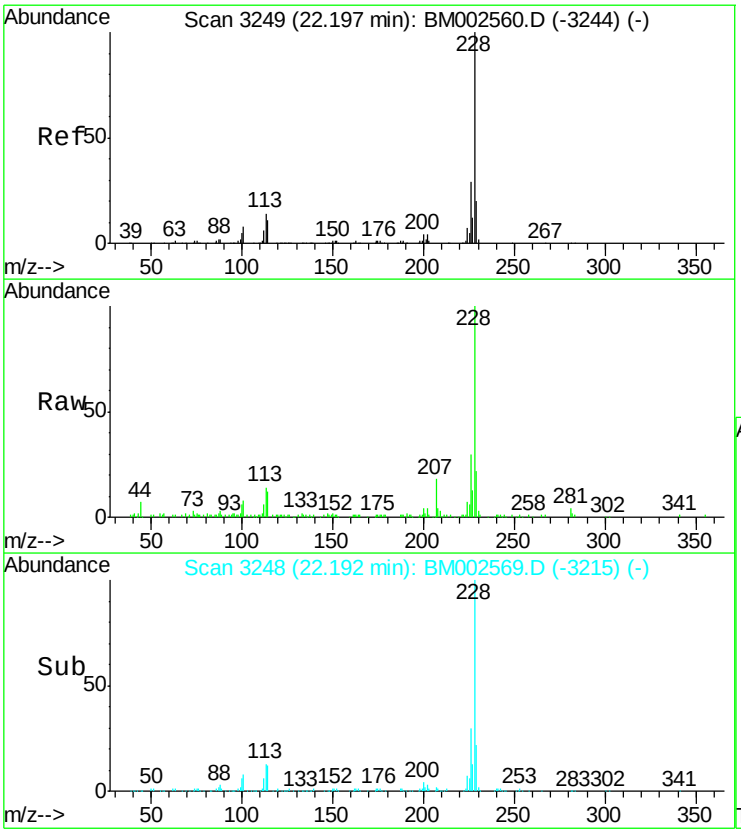
#20
Benzo(a)anthracene
Concen: 5.49 ng/ul
RT: 22.13 min Scan# 3238
Delta R.T. -0.01 min
Lab File: BM002569.D
Acq: 29 Aug 2015 17:54

Instrument :
BNA_M
ClientSampleId :
D9E68

Tgt Ion:228 Resp: 142802

Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.8	23.6
226	26.1	21.1	31.7

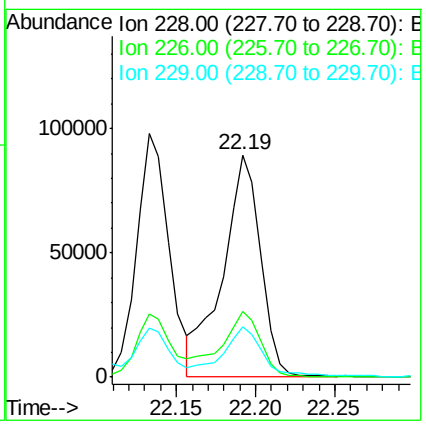


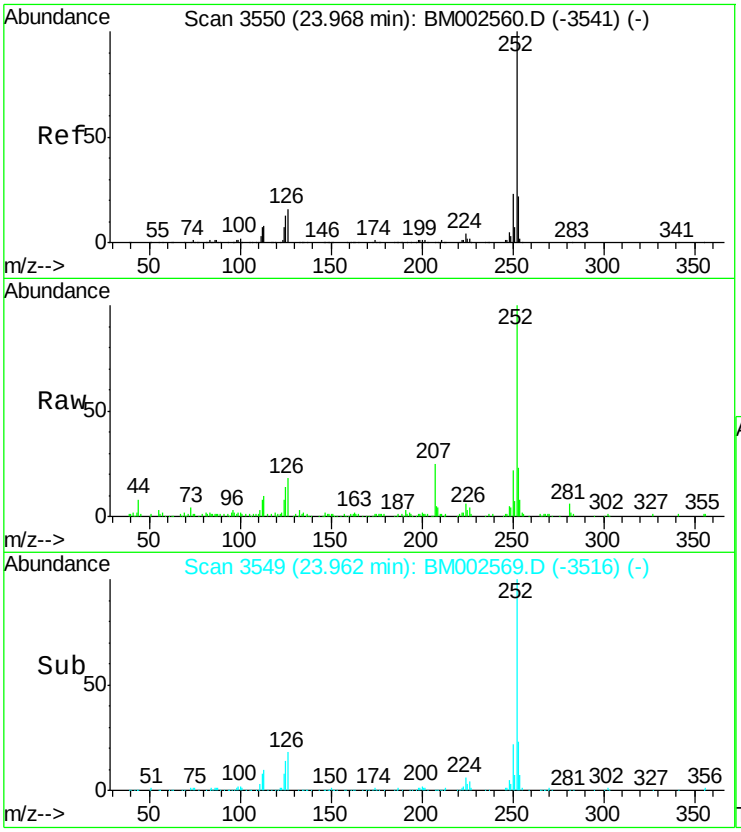


#21
Chrysene
Concen: 6.04 ng/ul
RT: 22.19 min Scan# 3248
Delta R.T. -0.01 min
Lab File: BM002569.D
Acq: 29 Aug 2015 17:54

Tgt Ion:228 Resp: 146902

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.4	35.2
229	22.5	15.7	23.5



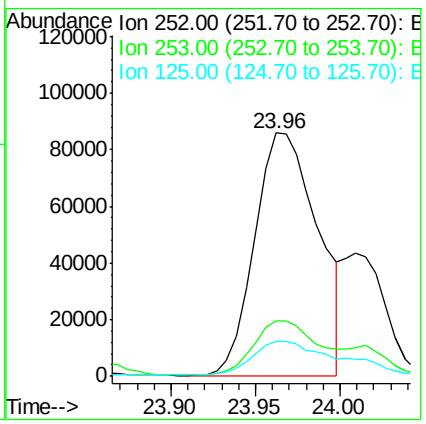


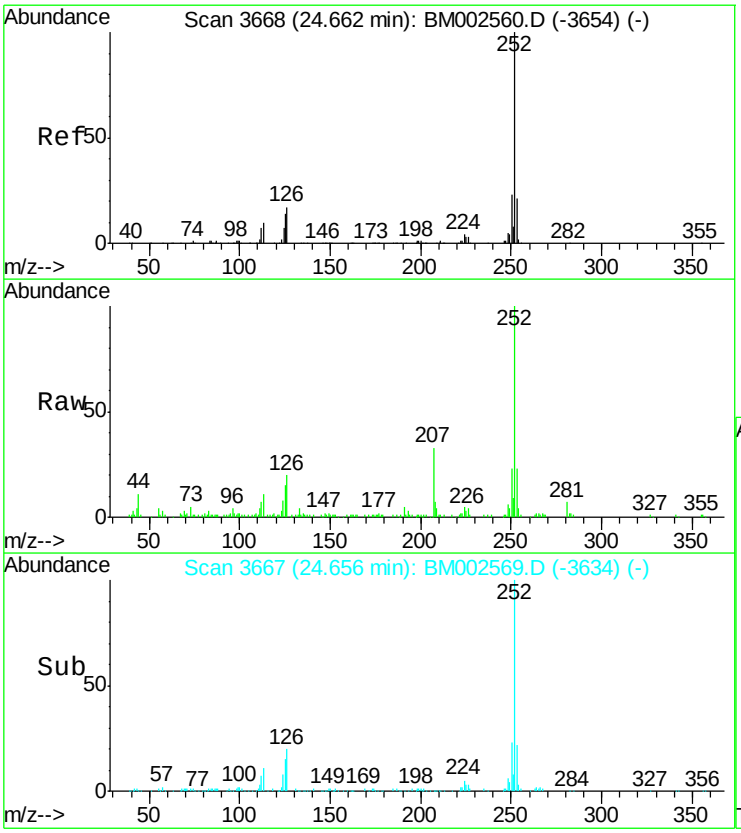
#23
Benzo(b)fluoranthene
Concen: 8.09 ng/ul
RT: 23.96 min Scan# 3549
Delta R.T. -0.01 min
Lab File: BM002569.D
Acq: 29 Aug 2015 17:54

Instrument :
BNA_M
ClientSampleId :
D9E68

Tgt Ion:252 Resp: 222880

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.0
125	14.2	10.0	15.0

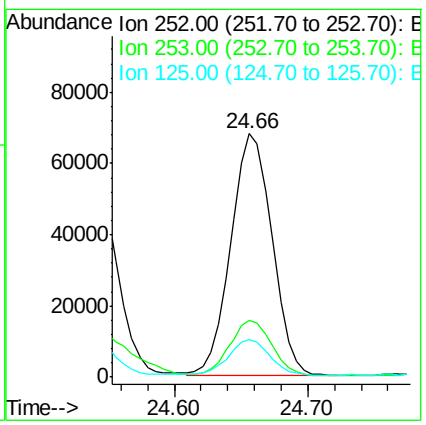


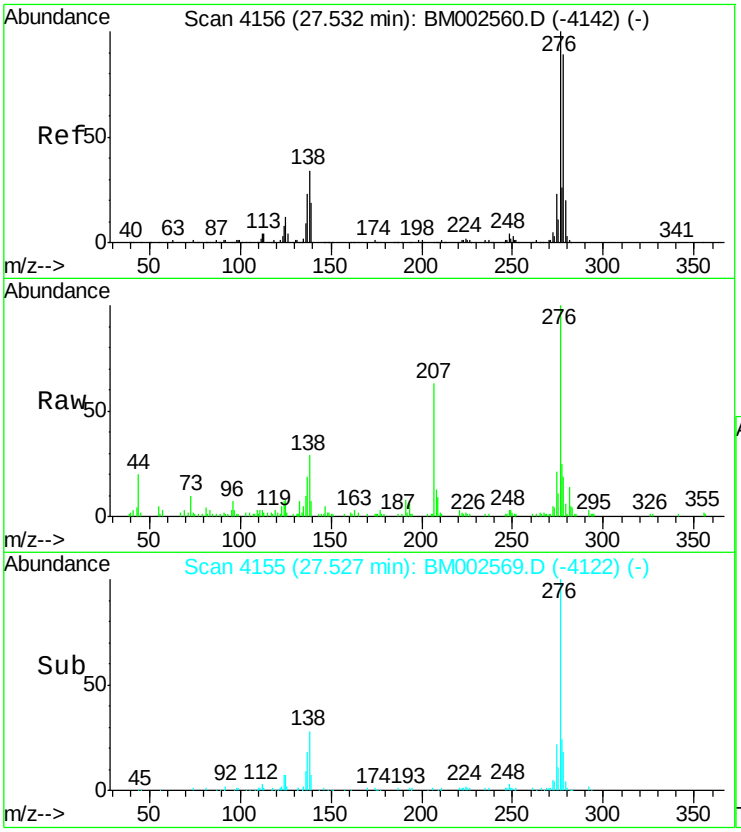


#26
Benzo(a)pyrene
Concen: 5.56 ng/ul
RT: 24.66 min Scan# 3667
Delta R.T. -0.01 min
Lab File: BM002569.D
Acq: 29 Aug 2015 17:54

Tgt Ion:252 Resp: 146172

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.6	26.4
125	15.4	10.7	16.1



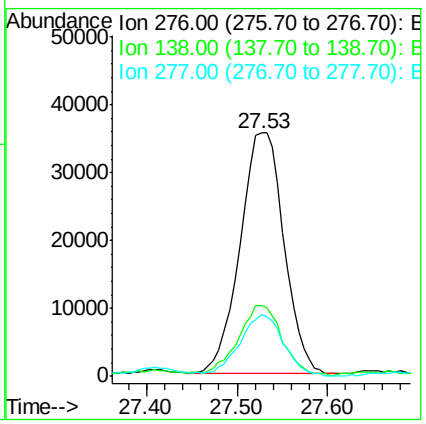


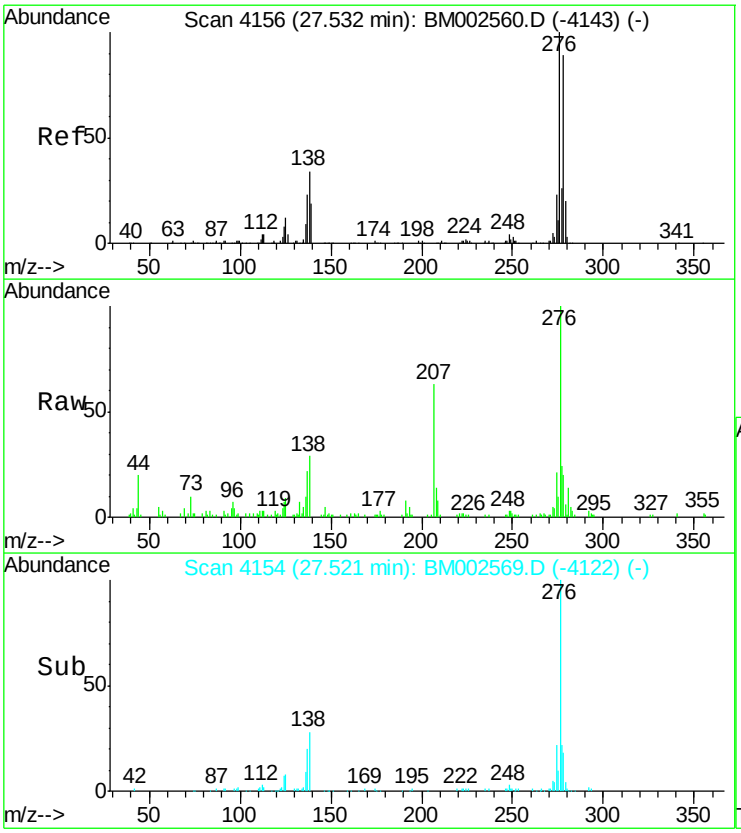
#27
Indeno(1,2,3-cd)pyrene
Concen: 3.94 ng/ul
RT: 27.53 min Scan# 4155
Delta R.T. -0.01 min
Lab File: BM002569.D
Acq: 29 Aug 2015 17:54

Instrument :
BNA_M
ClientSampleId :
D9E68

Tgt Ion:276 Resp: 119177

Ion	Ratio	Lower	Upper
276	100		
138	28.8	25.3	37.9
277	25.2	20.2	30.2

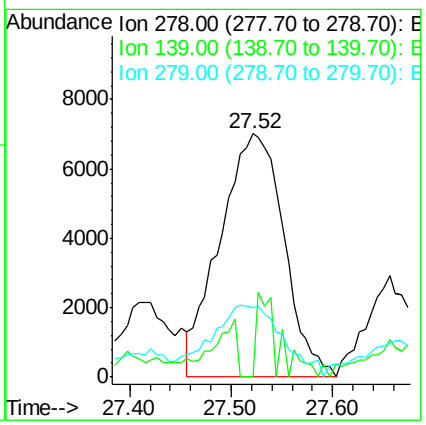


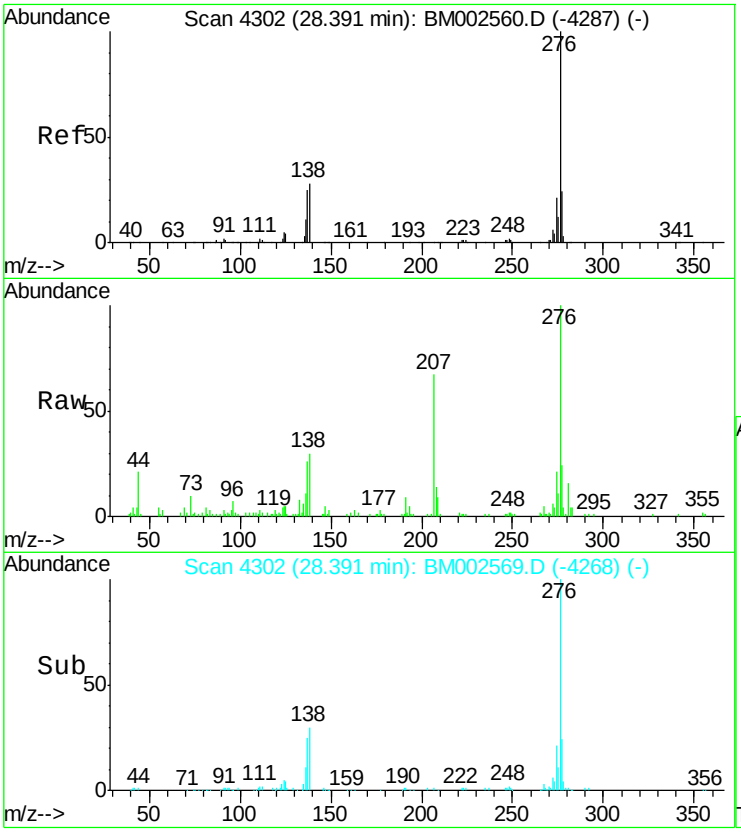


#28
Dibenzo(a,h)anthracene
Concen: 1.21 ng/ul
RT: 27.52 min Scan# 4154
Delta R.T. -0.01 min
Lab File: BM002569.D
Acq: 29 Aug 2015 17:54

Tgt Ion:278 Resp: 30679

Ion	Ratio	Lower	Upper
278	100		
139	0.0	16.5	24.7#
279	28.4	18.8	28.2#





#29
Benzo(g,h,i)perylene
Concen: 5.11 ng/ul
RT: 28.39 min Scan# 4302
Delta R.T. 0.00 min
Lab File: BM002569.D
Acq: 29 Aug 2015 17:54

Instrument :
BNA_M
ClientSampleId :
D9E68

Tgt Ion:276 Resp: 128548

Ion	Ratio	Lower	Upper
276	100		
138	29.5	21.0	31.6
277	24.2	19.2	28.8