Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081215\
Data File : BM002359.D
Acq On : 12 Aug 2015 13:58
Operator : UM/IZ
Sample : G3163-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9C92

Quant Time: Aug 12 16:13:27 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 12 04:50:31 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	204929	20.00	ng/ul	0.00
2) Naphthalene-d8	11.77	136	933024	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.49	164	517179	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.19	188	939545	20.00	ng/ul	0.00
17) Chrysene-d12	22.28	240	648928	20.00	ng/ul	0.00
22) Perylene-d12	24.98	264	632850	20.00	ng/ul	0.01
System Monitoring Compounds						
7) Acenaphthylene-d8	15.19	160	1100728	20.54	ng/ul	0.00
10) Fluorene-d10	16.46	176	714425	19.17	ng/ul	0.00
14) Anthracene-d10	18.29	188	913043	20.03	ng/ul	0.00
18) Pyrene-d10	20.51	212	733602	23.31	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.80	264	641653	19.10	ng/ul	0.01
Target Compounds						Qvalue
13) Phenanthrene	18.23	178	555221	10.27	ng/ul	100
15) Anthracene	18.33	178	129896	2.33	ng/ul	99
16) Fluoranthene	20.18	202	882700	14.74	ng/ul	100
19) Pyrene	20.54	202	657820	15.68	ng/ul	98
20) Benzo(a)anthracene	22.26	228	337805	8.53	ng/ul	98
21) Chrysene	22.32	228	341968	9.11	ng/ul	95
23) Benzo(b)fluoranthene	24.14	252	478766	12.17	ng/ul	97
26) Benzo(a)pyrene	24.86	252	311317	8.27	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	27.82	276	241535	5.60	ng/ul	95
28) Dibenzo(a,h)anthracene	27.82	278	66328	1.81	ng/ul#	79
29) Benzo(g,h,i)perylene	28.71	276	236384	6.49	ng/ul	96

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

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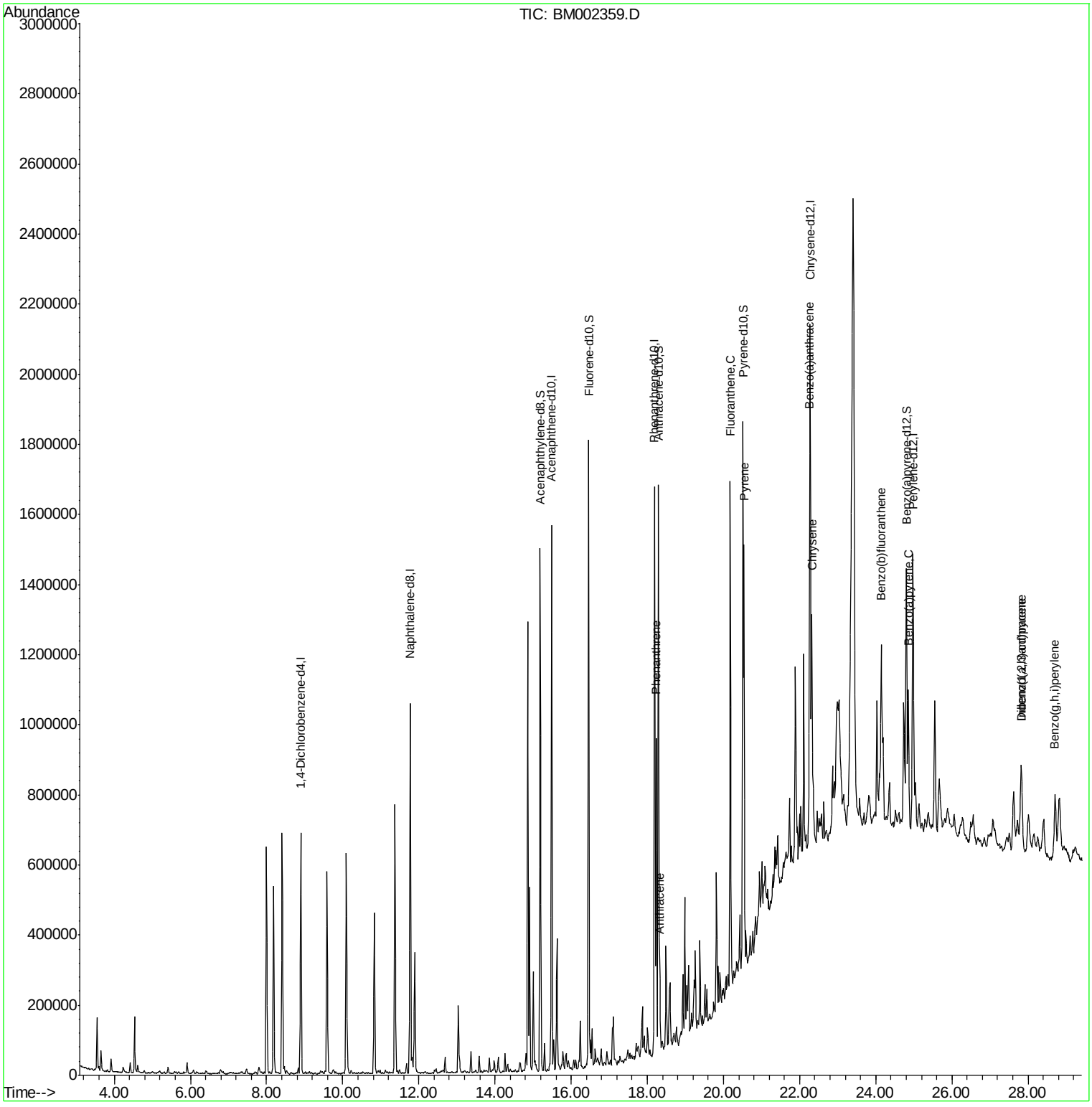
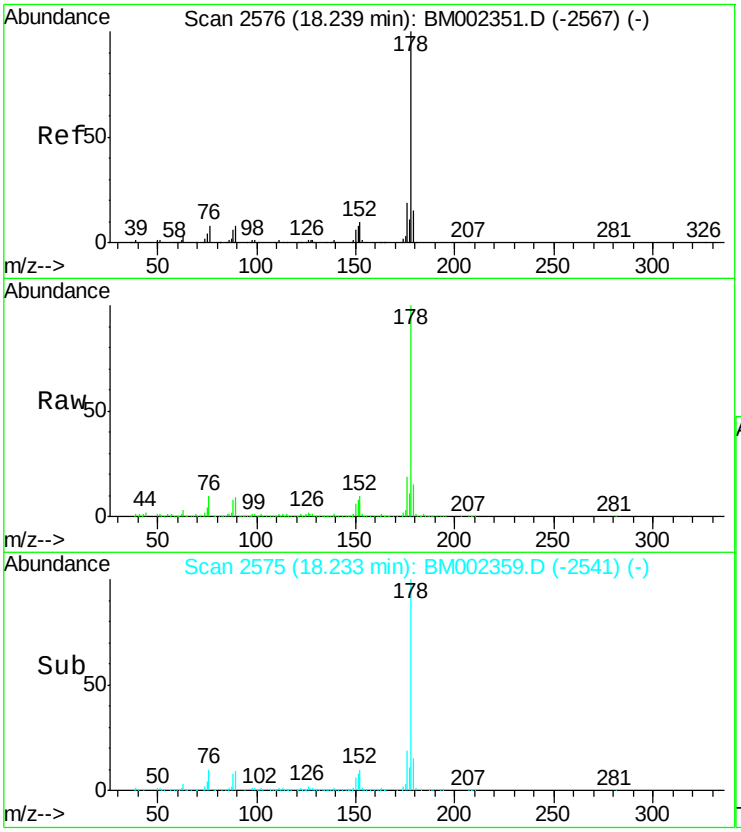


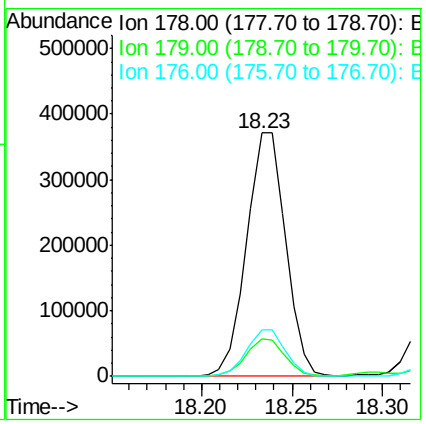


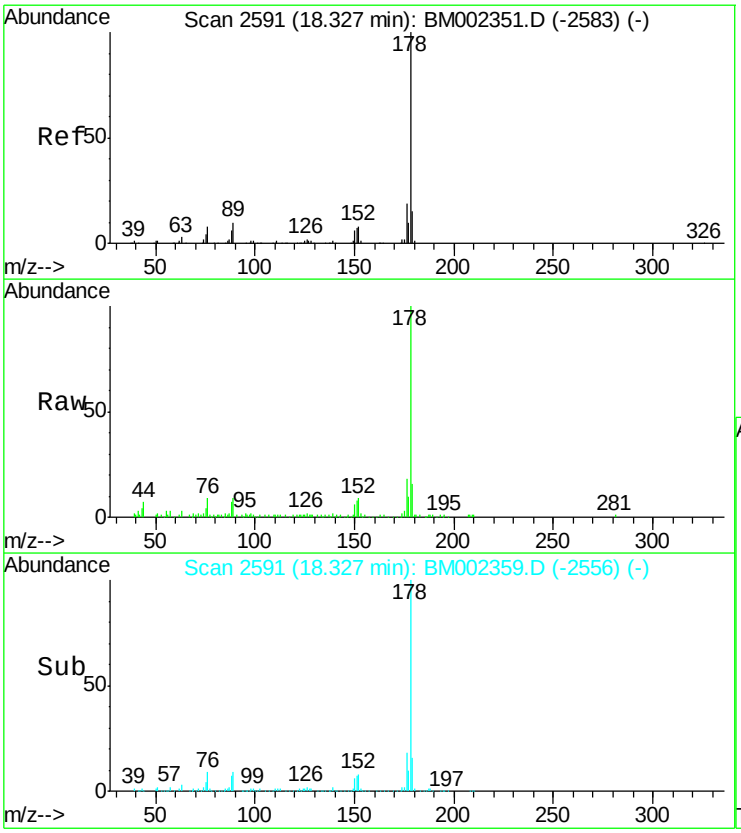
#13
Phenanthrene
Concen: 10.27 ng/ul
RT: 18.23 min Scan# 2575
Delta R.T. -0.00 min
Lab File: BM002359.D
Acq: 12 Aug 2015 13:58

Instrument :
BNA_M
ClientSampleId :
D9C92

Tgt Ion:178 Resp: 555221

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	19.1	15.3	22.9

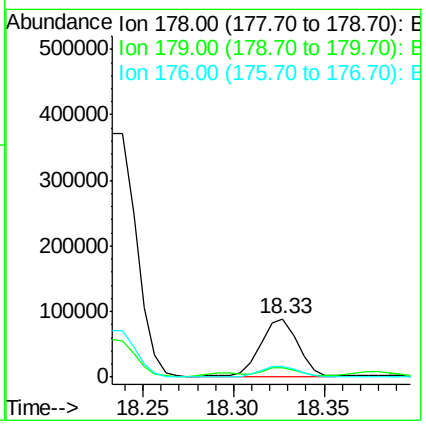


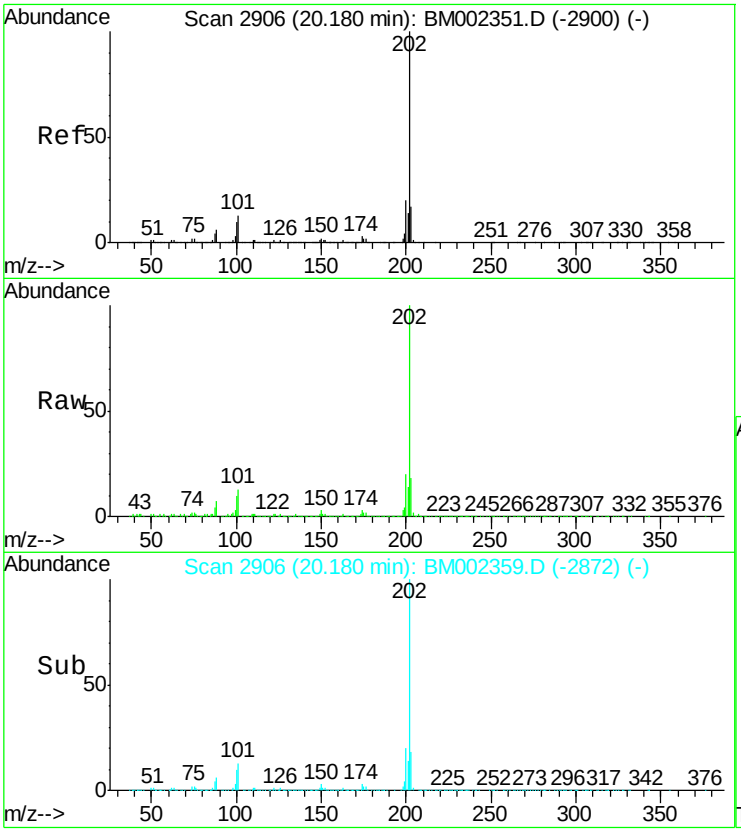


#15
Anthracene
Concen: 2.33 ng/ul
RT: 18.33 min Scan# 2591
Delta R.T. 0.01 min
Lab File: BM002359.D
Acq: 12 Aug 2015 13:58

Tgt Ion:178 Resp: 129896

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	17.7	14.5	21.7



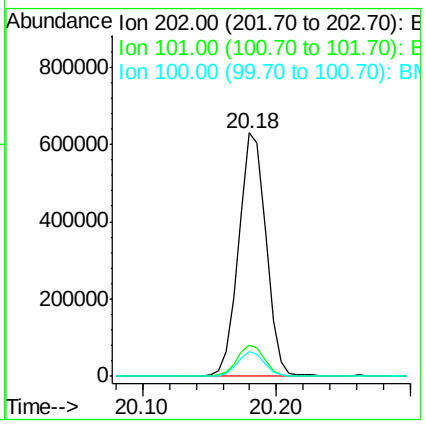


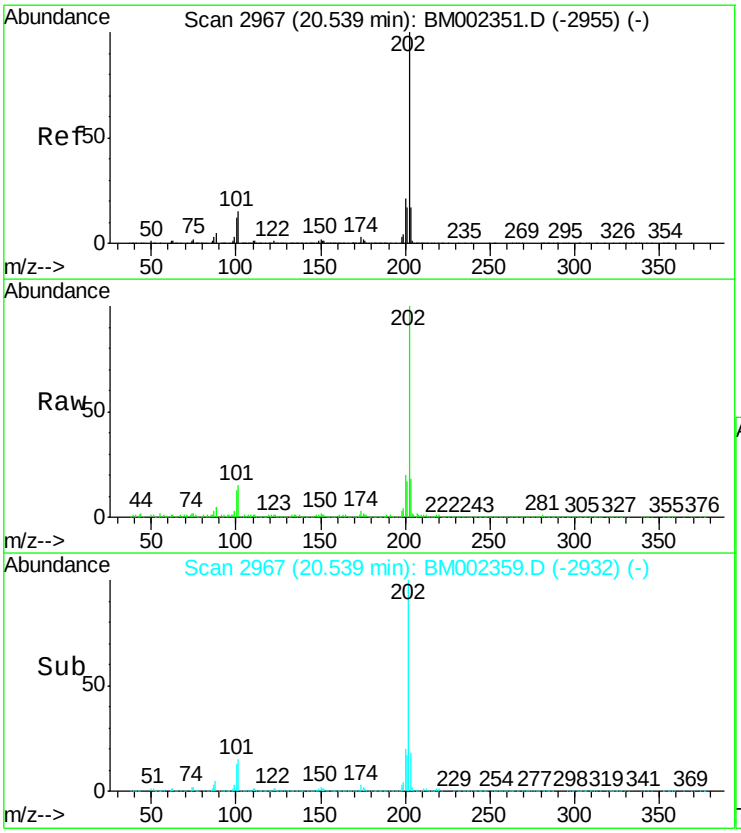
#16
Fluoranthene
Concen: 14.74 ng/ul
RT: 20.18 min Scan# 2906
Delta R.T. -0.00 min
Lab File: BM002359.D
Acq: 12 Aug 2015 13:58

Instrument :
BNA_M
ClientSampleId :
D9C92

Tgt Ion:202 Resp: 882700

Ion	Ratio	Lower	Upper
202	100		
101	13.0	10.6	15.8
100	10.4	8.2	12.4

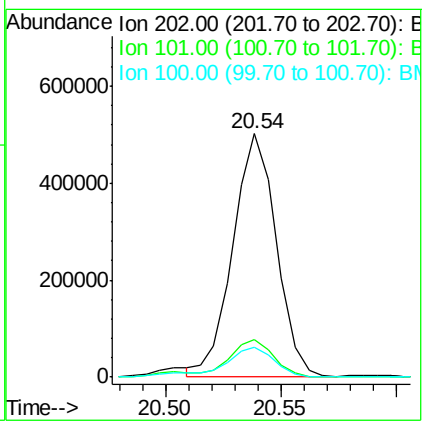


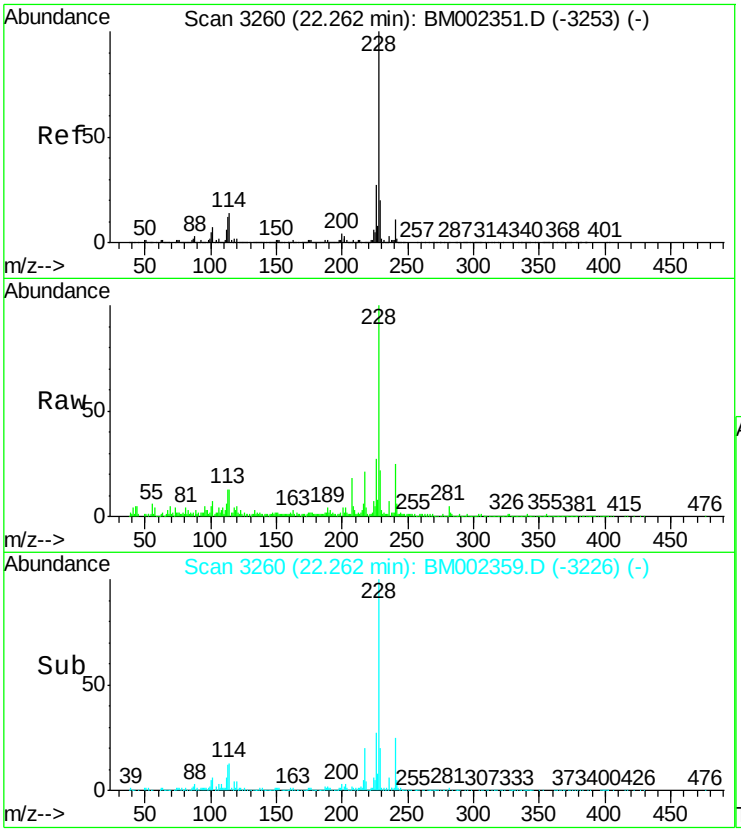


#19
Pyrene
Concen: 15.68 ng/ul
RT: 20.54 min Scan# 2967
Delta R.T. 0.01 min
Lab File: BM002359.D
Acq: 12 Aug 2015 13:58

Tgt Ion:202 Resp: 657820

Ion	Ratio	Lower	Upper
202	100		
101	15.5	13.0	19.6
100	12.5	11.0	16.4



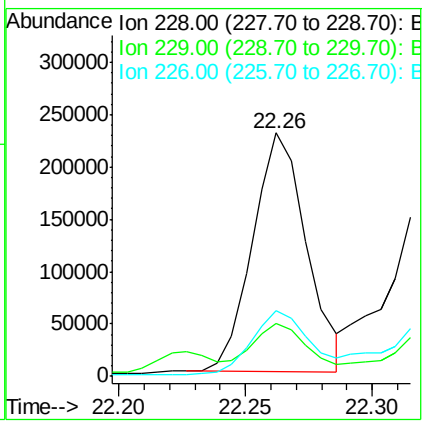


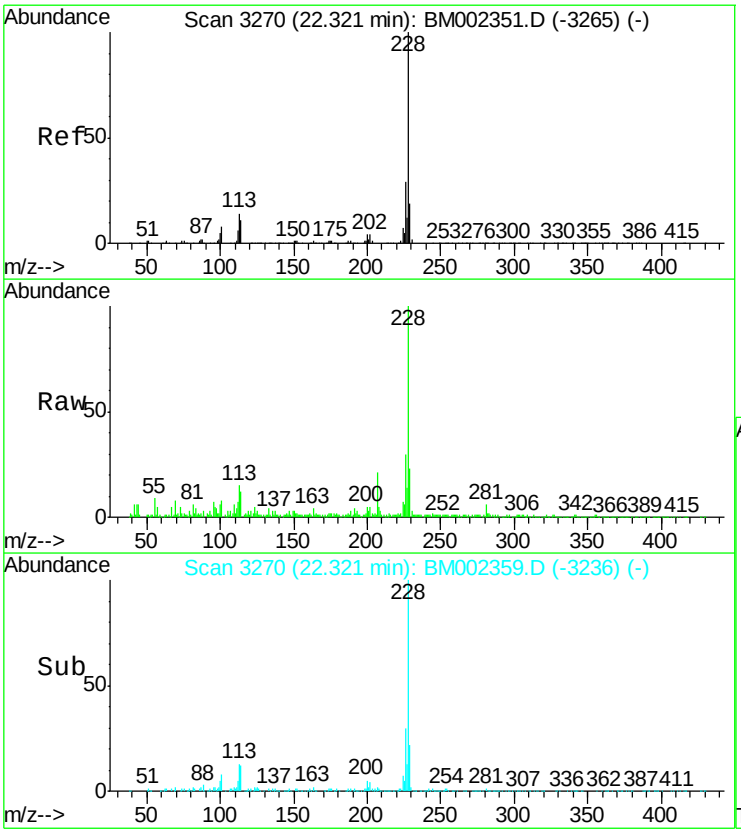
#20
Benzo(a)anthracene
Concen: 8.53 ng/ul
RT: 22.26 min Scan# 3260
Delta R.T. -0.00 min
Lab File: BM002359.D
Acq: 12 Aug 2015 13:58

Instrument :
BNA_M
ClientSampleId :
D9C92

Tgt Ion:228 Resp: 337805

Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.7	23.5
226	27.2	21.4	32.0

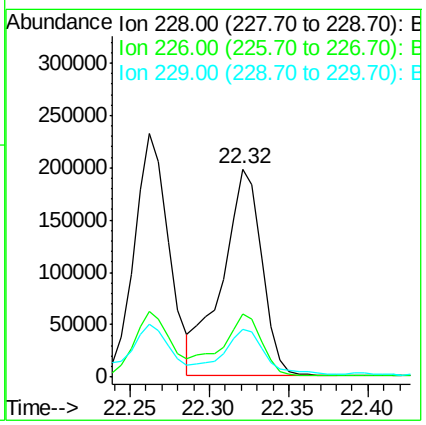


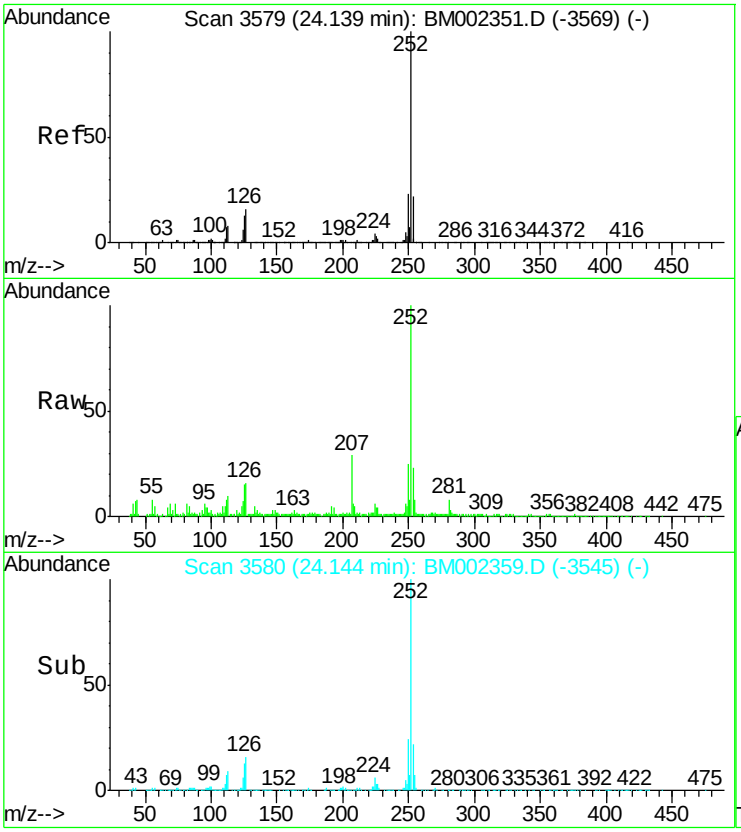


#21
Chrysene
Concen: 9.11 ng/ul
RT: 22.32 min Scan# 3270
Delta R.T. -0.00 min
Lab File: BM002359.D
Acq: 12 Aug 2015 13:58

Tgt Ion:228 Resp: 341968

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.4	35.0
229	23.1	15.5	23.3



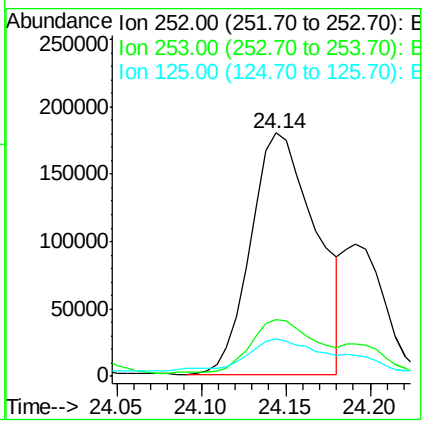


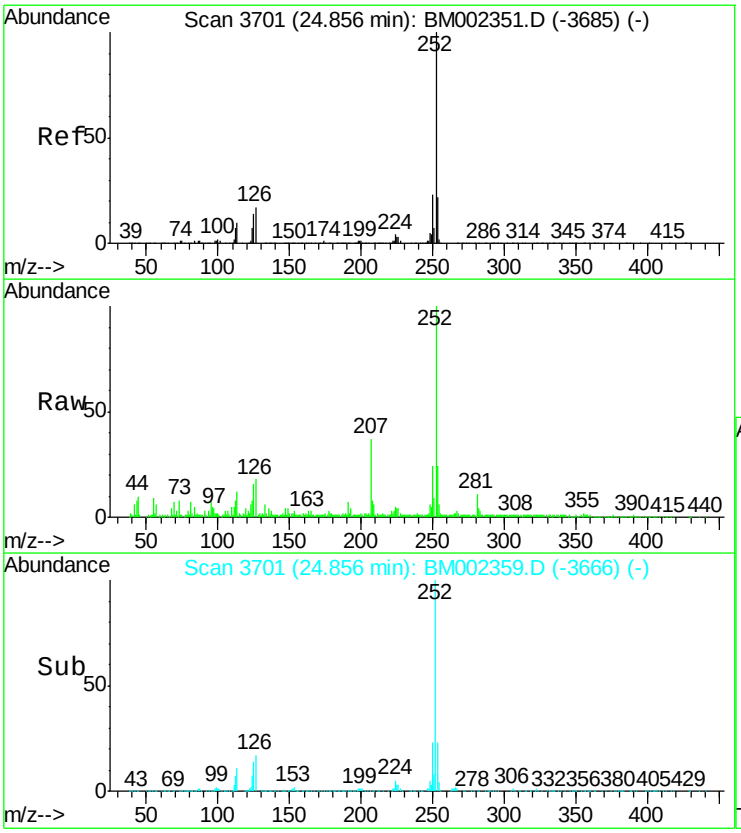
#23
Benzo(b)fluoranthene
Concen: 12.17 ng/ul
RT: 24.14 min Scan# 3580
Delta R.T. 0.01 min
Lab File: BM002359.D
Acq: 12 Aug 2015 13:58

Instrument :
BNA_M
ClientSampleId :
D9C92

Tgt Ion:252 Resp: 478766

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	15.2	10.3	15.5

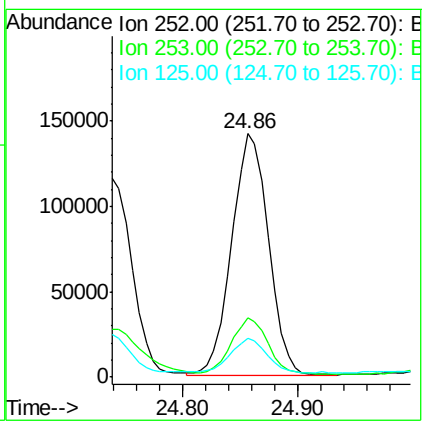


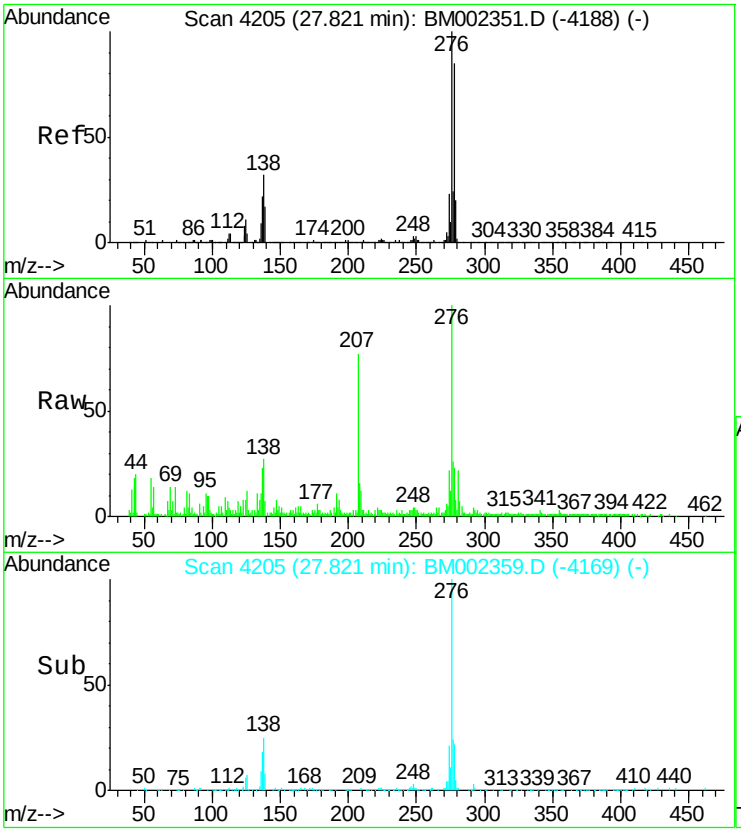


#26
Benzo(a)pyrene
Concen: 8.27 ng/ul
RT: 24.86 min Scan# 3701
Delta R.T. 0.01 min
Lab File: BM002359.D
Acq: 12 Aug 2015 13:58

Tgt Ion:252 Resp: 311317

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.3	25.9
125	15.7	11.0	16.6



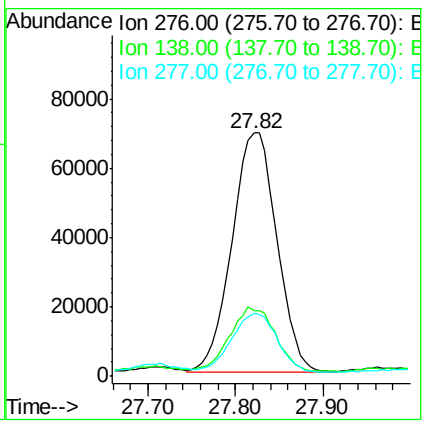


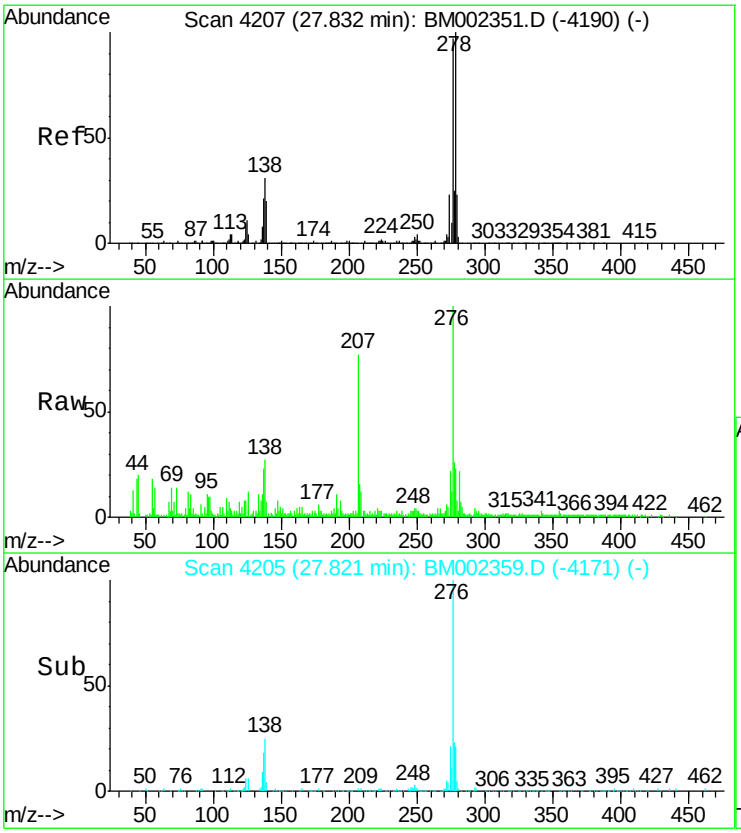
#27
Indeno(1,2,3-cd)pyrene
Concen: 5.60 ng/ul
RT: 27.82 min Scan# 4205
Delta R.T. 0.01 min
Lab File: BM002359.D
Acq: 12 Aug 2015 13:58

Instrument :
BNA_M
ClientSampleId :
D9C92

Tgt Ion:276 Resp: 241535

Ion	Ratio	Lower	Upper
276	100		
138	27.1	25.6	38.4
277	25.8	21.0	31.4

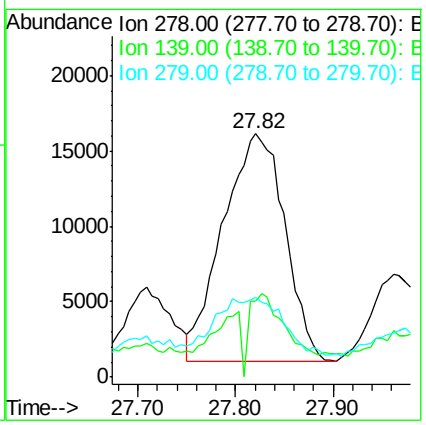


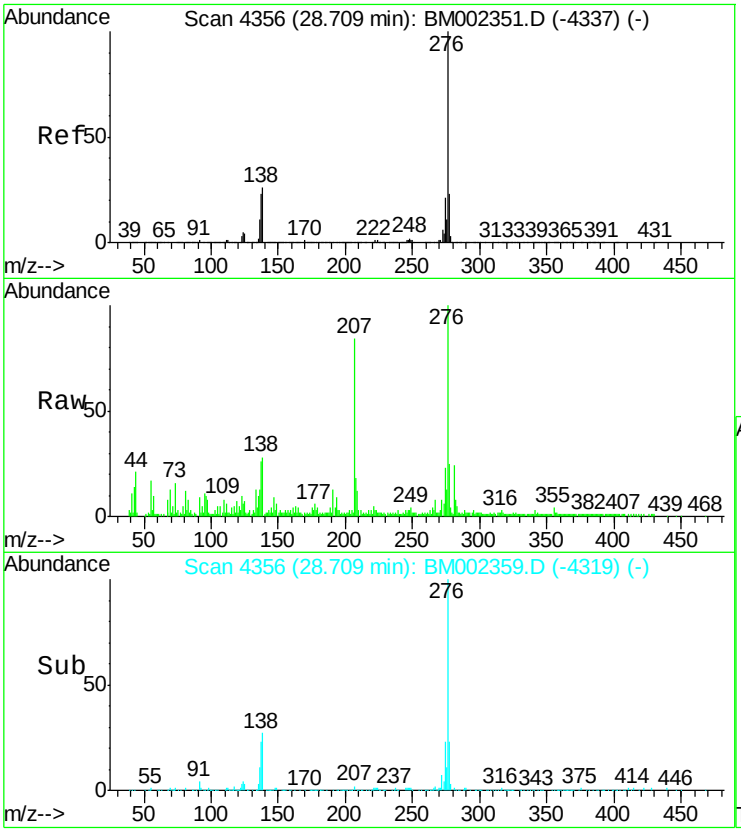


#28
Dibenzo(a,h)anthracene
Concen: 1.81 ng/ul
RT: 27.82 min Scan# 4205
Delta R.T. -0.00 min
Lab File: BM002359.D
Acq: 12 Aug 2015 13:58

Tgt Ion:278 Resp: 66328

Ion	Ratio	Lower	Upper
278	100		
139	31.3	16.4	24.6#
279	32.8	18.8	28.2#





#29
Benzo(g,h,i)perylene
Concen: 6.49 ng/ul
RT: 28.71 min Scan# 4356
Delta R.T. 0.02 min
Lab File: BM002359.D
Acq: 12 Aug 2015 13:58

Instrument :
BNA_M
ClientSampleId :
D9C92

Tgt Ion:276 Resp: 236384

Ion	Ratio	Lower	Upper
276	100		
138	28.1	20.5	30.7
277	24.8	19.0	28.6