Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM102215\
Data File : BM002968.D
Acq On : 22 Oct 2015 03:38
Operator : UM/IZ
Sample : G4075-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JG9K7

Quant Time: Oct 22 12:06:00 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM102215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 21 16:23:48 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.64	152	8500	0.40	ng/ul	-0.02
4) Naphthalene-d8	11.48	136	36352	0.40	ng/ul	-0.02
8) Acenaphthene-d10	15.23	164	19768	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.03	188	1789073	0.40	ng/ul	0.08
18) Chrysene-d12	22.03	240	26275	0.40	ng/ul	-0.01
22) Perylene-d12	24.60	264	23382	0.40	ng/ul	-0.02
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.71	96	24176	2.66	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.04	152	11165	0.18	ng/ul	-0.01
16) Fluoranthene-d10	19.91	212	20268	0.00	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	11.54	128	2264	0.02	ng/ul#	81
7) 2-Methylnaphthalene	13.10	142	1952	0.03	ng/ul	97
9) Acenaphthylene	14.96	152	5339	0.05	ng/ul#	92
10) Acenaphthene	15.28	153	658	0.01	ng/ul#	79
11) Fluorene	16.25	166	1536	0.02	ng/ul#	84
13) Pentachlorophenol	17.61	266	225	0.00	ng/ul	89
14) Phenanthrene	17.98	178	58396	0.01	ng/ul	94
15) Anthracene	18.06	178	7790	0.00	ng/ul#	78
17) Fluoranthene	19.95	202	143273	0.02	ng/ul	92
19) Pyrene	20.30	202	116130	1.22	ng/ul	97
20) Benzo(a)anthracene	22.01	228	14934	0.17	ng/ul#	83
21) Chrysene	22.06	228	60127	0.68	ng/ul#	93
23) Benzo(b)fluoranthene	23.79	252	109003	1.32	ng/ul#	77
24) Benzo(k)fluoranthene	23.79	252	109003	1.36	ng/ul#	76
25) Benzo(a)pyrene	24.47	252	22044	0.28	ng/ul#	25
26) Indeno(1,2,3-cd)pyrene	27.31	276	28688	0.33	ng/ul	98
27) Dibenzo(a,h)anthracene	27.29	278	5608	0.08	ng/ul#	1
28) Benzo(g,h,i)perylene	28.14	276	40102	0.56	ng/ul#	80

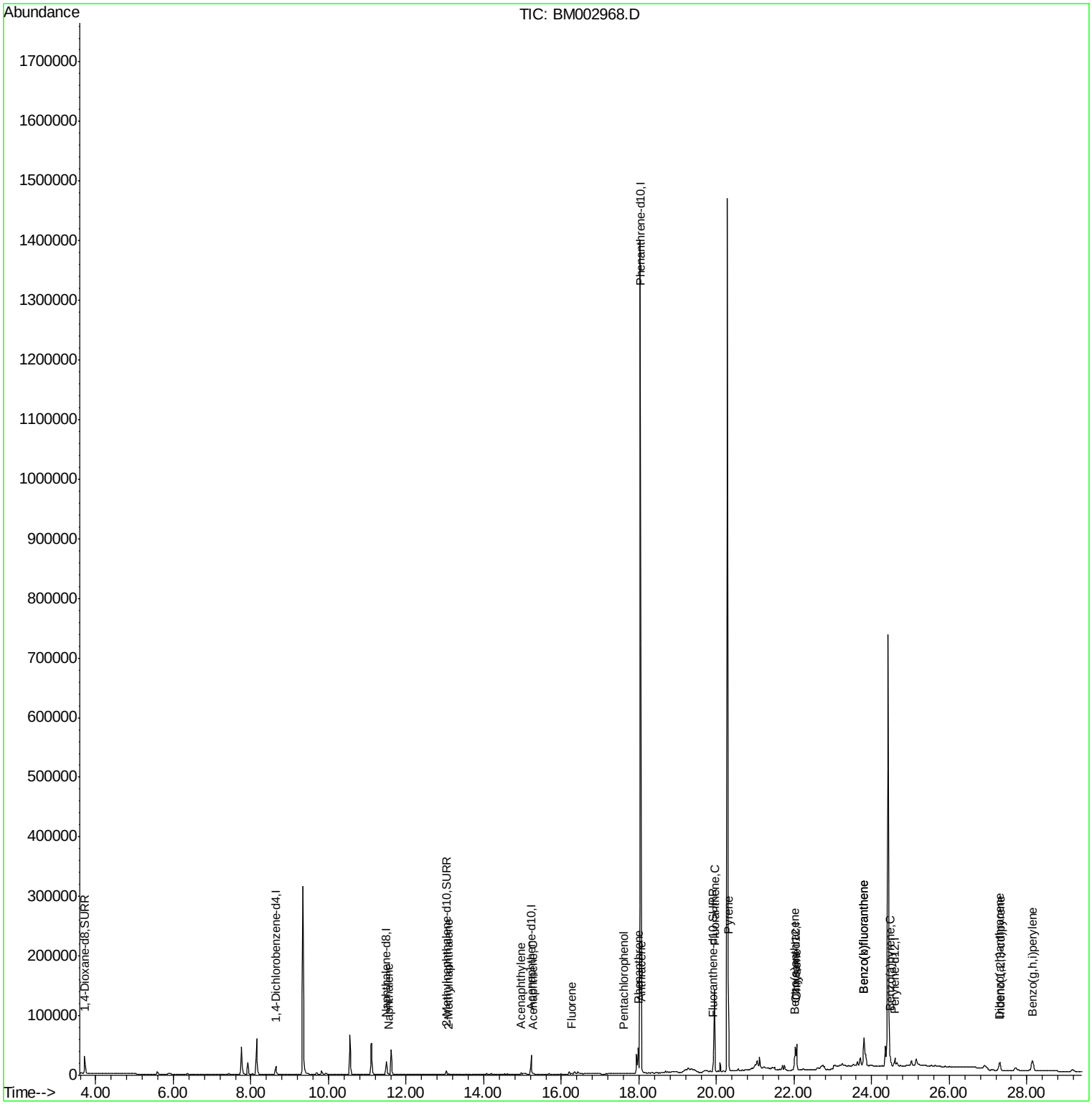
(#) = qualifier out of range (m) = manual integration (+) = signals summed

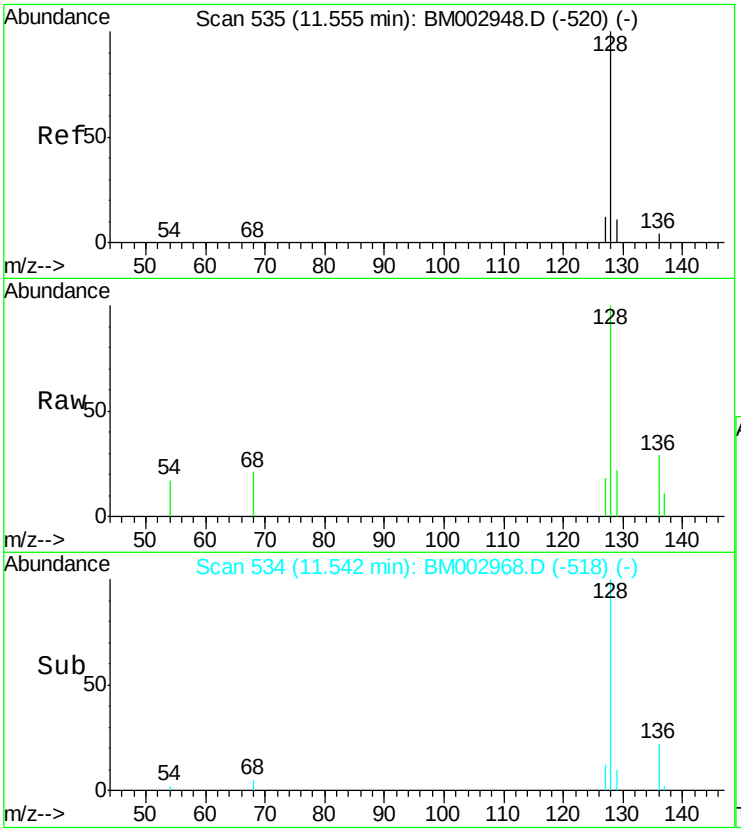
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM102215\
Data File : BM002968.D
Acq On : 22 Oct 2015 03:38
Operator : UM/IZ
Sample : G4075-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JG9K7

Quant Time: Oct 22 12:06:00 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM102215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 21 16:23:48 2015
Response via : Initial Calibration



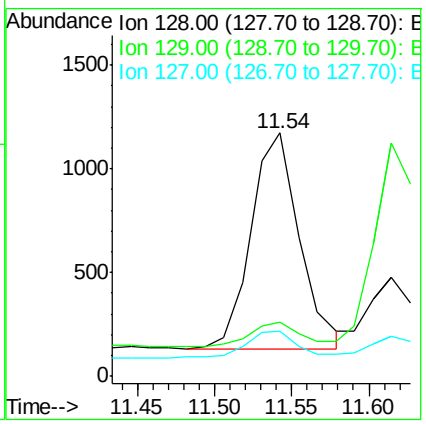


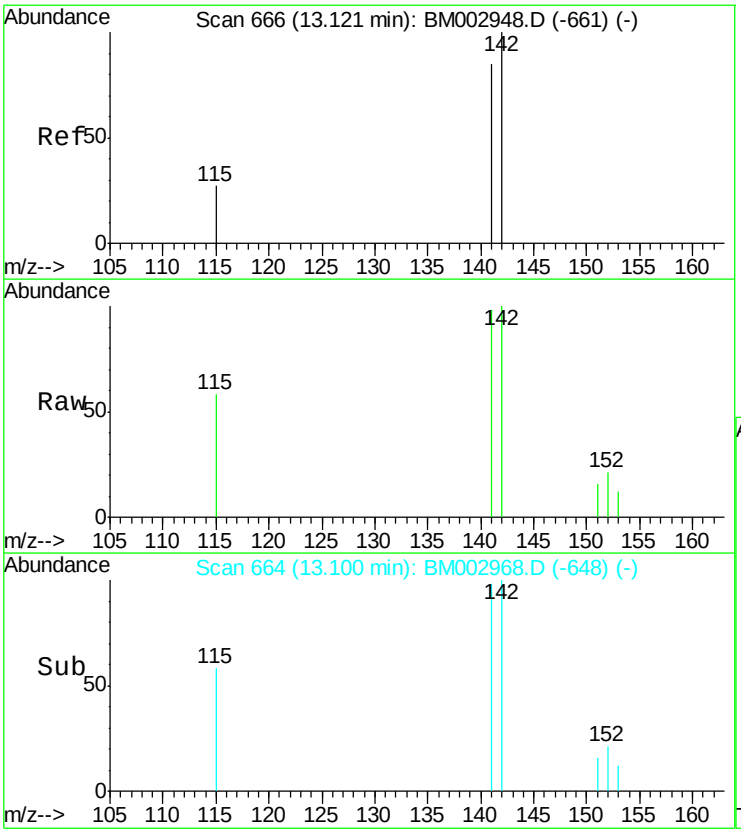
#5
Naphthalene
Concen: 0.02 ng/ul
RT: 11.54 min Scan# 534
Delta R.T. -0.01 min
Lab File: BM002968.D
Acq: 22 Oct 2015 03:38

Instrument :
BNA_M
ClientSampleId :
JG9K7

Tgt Ion:128 Resp: 2264

Ion	Ratio	Lower	Upper
128	100		
129	22.3	9.8	14.8#
127	18.3	10.7	16.1#

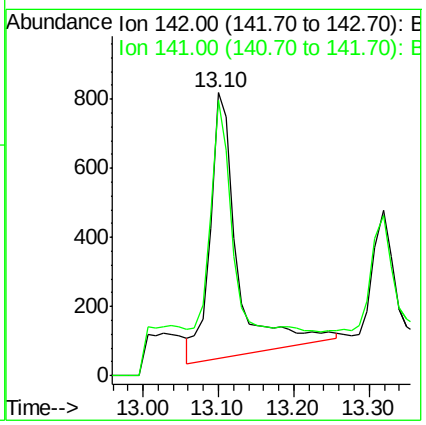


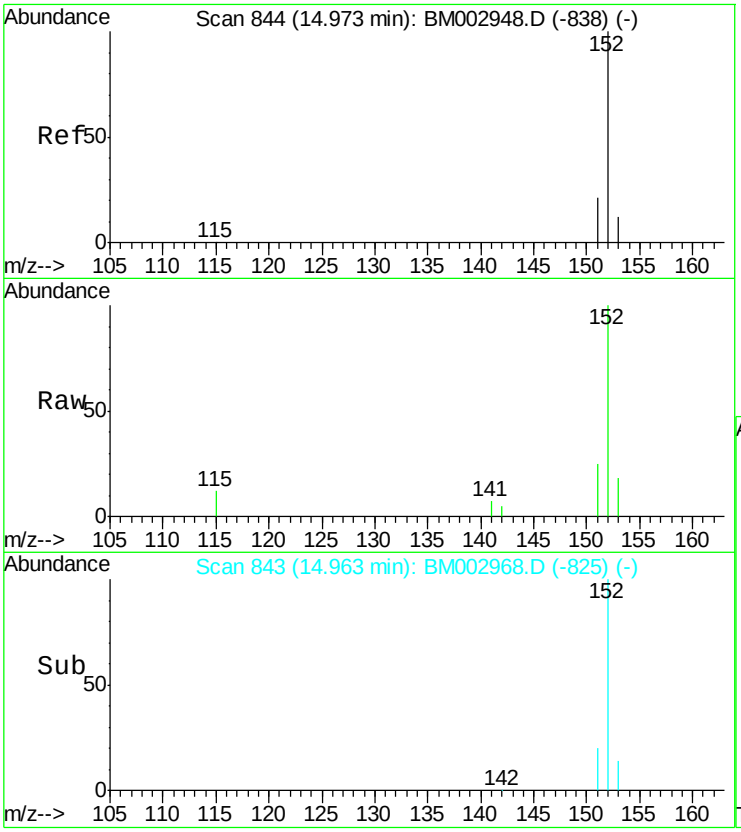


#7
2-Methylnaphthalene
Concen: 0.03 ng/ul
RT: 13.10 min Scan# 664
Delta R.T. -0.02 min
Lab File: BM002968.D
Acq: 22 Oct 2015 03:38

Tgt Ion:142 Resp: 1952

Ion	Ratio	Lower	Upper
142	100		
141	90.7	70.3	105.5



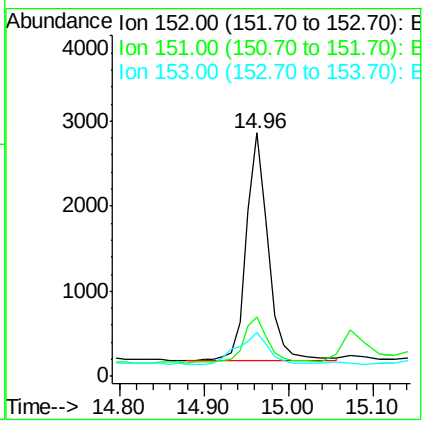


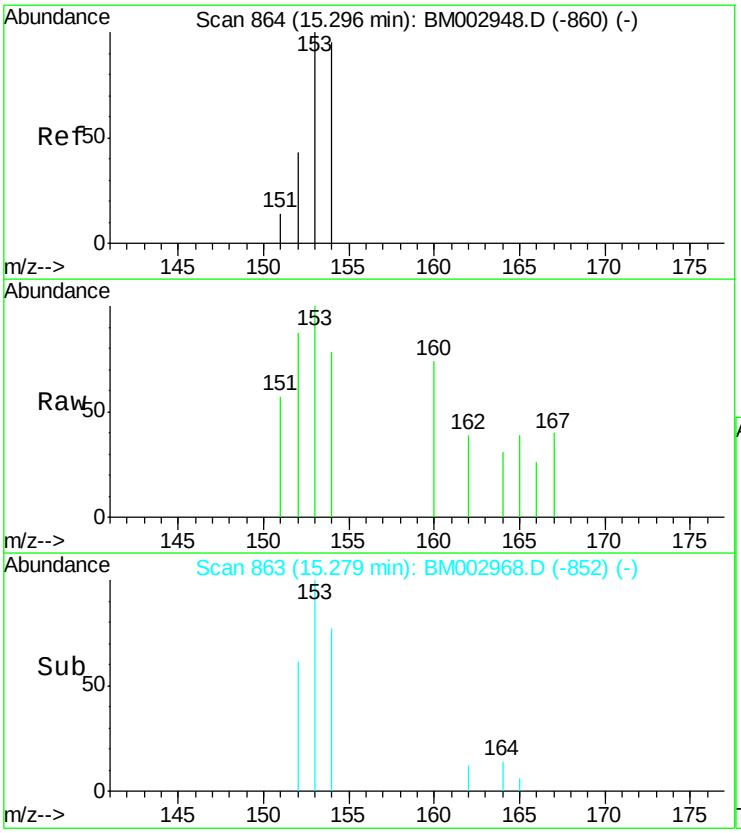
#9
Acenaphthylene
Concen: 0.05 ng/ul
RT: 14.96 min Scan# 843
Delta R.T. -0.01 min
Lab File: BM002968.D
Acq: 22 Oct 2015 03:38

Instrument :
BNA_M
ClientSampleId :
JG9K7

Tgt Ion:152 Resp: 5339

Ion	Ratio	Lower	Upper
152	100		
151	24.6	16.8	25.2
153	18.0	11.3	16.9#

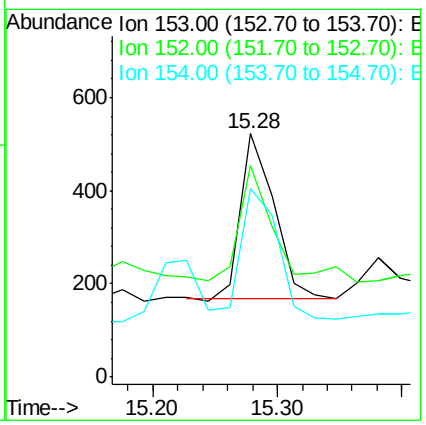


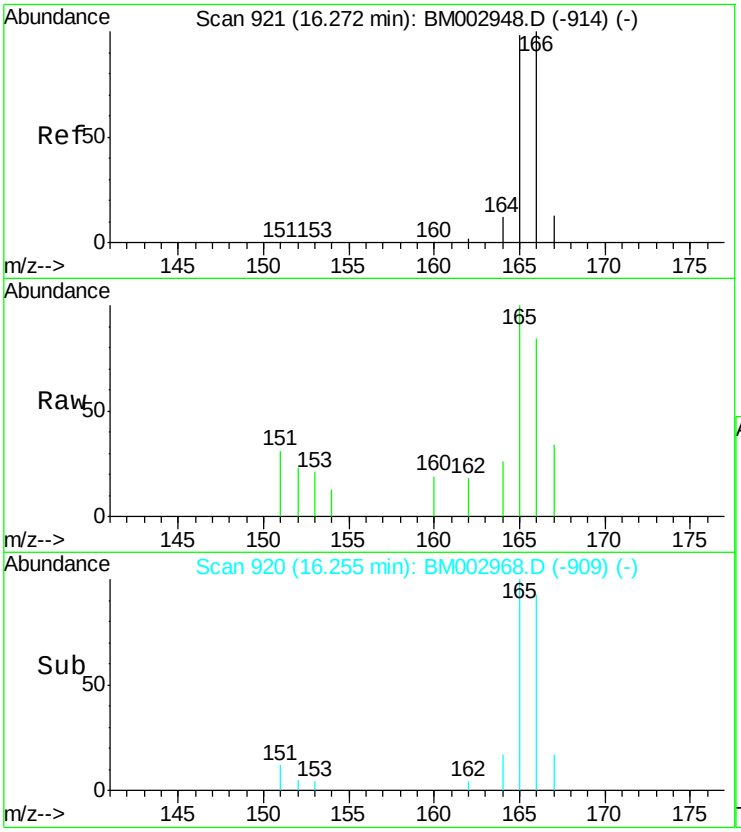


#10
Acenaphthene
Concen: 0.01 ng/ul
RT: 15.28 min Scan# 863
Delta R.T. -0.02 min
Lab File: BM002968.D
Acq: 22 Oct 2015 03:38

Tgt Ion:153 Resp: 658

Ion	Ratio	Lower	Upper
153	100		
152	86.6	42.3	63.5#
154	77.6	64.7	97.1



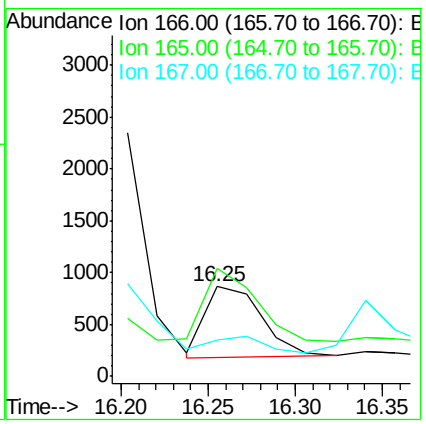


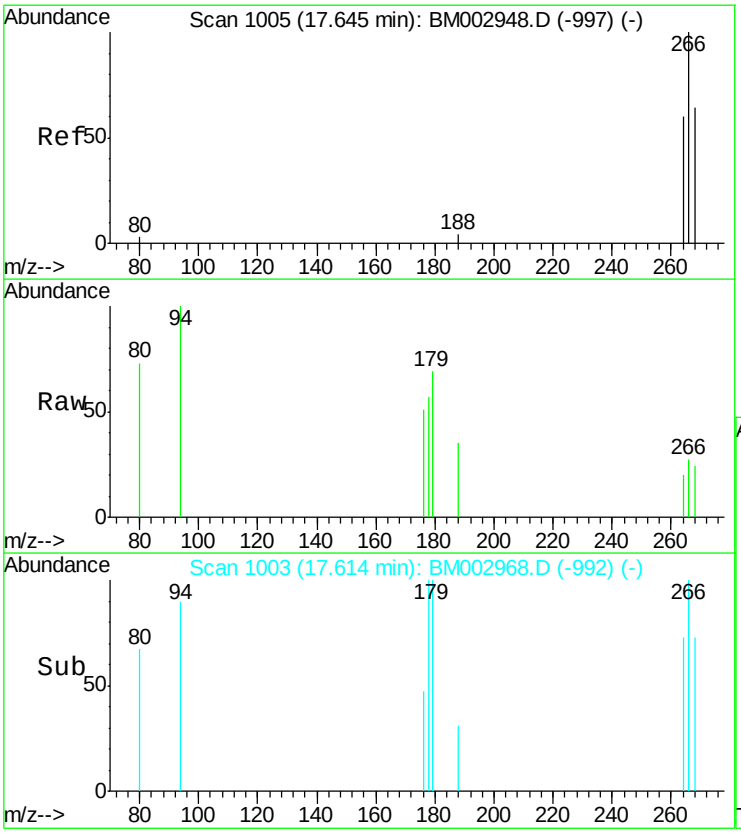
#11
Fluorene
Concen: 0.02 ng/ul
RT: 16.25 min Scan# 920
Delta R.T. -0.02 min
Lab File: BM002968.D
Acq: 22 Oct 2015 03:38

Instrument :
BNA_M
ClientSampleId :
JG9K7

Tgt Ion:166 Resp: 1536

Ion	Ratio	Lower	Upper
166	100		
165	119.7	87.6	131.4
167	40.8	11.1	16.7#

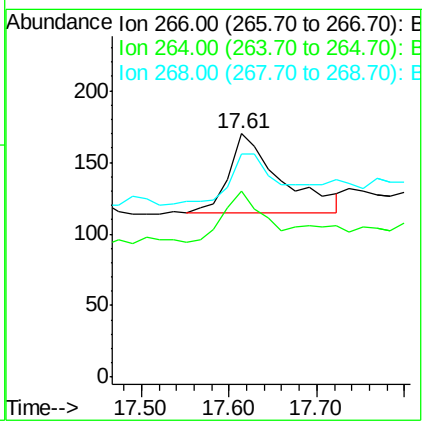


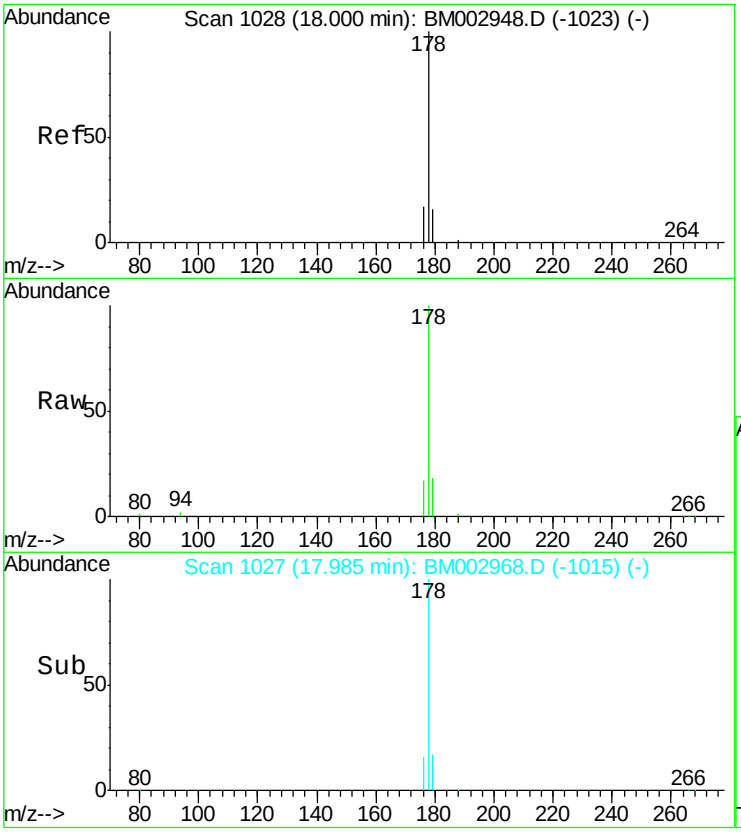


#13
Pentachlorophenol
Concen: 0.00 ng/ul
RT: 17.61 min Scan# 1003
Delta R.T. -0.03 min
Lab File: BM002968.D
Acq: 22 Oct 2015 03:38

Tgt Ion:266 Resp: 225

Ion	Ratio	Lower	Upper
266	100		
264	53.8	53.5	80.3
268	72.0	54.2	81.2



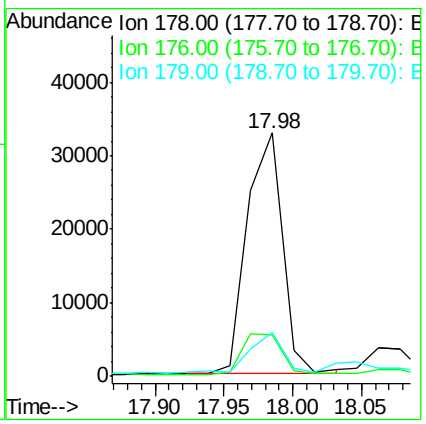


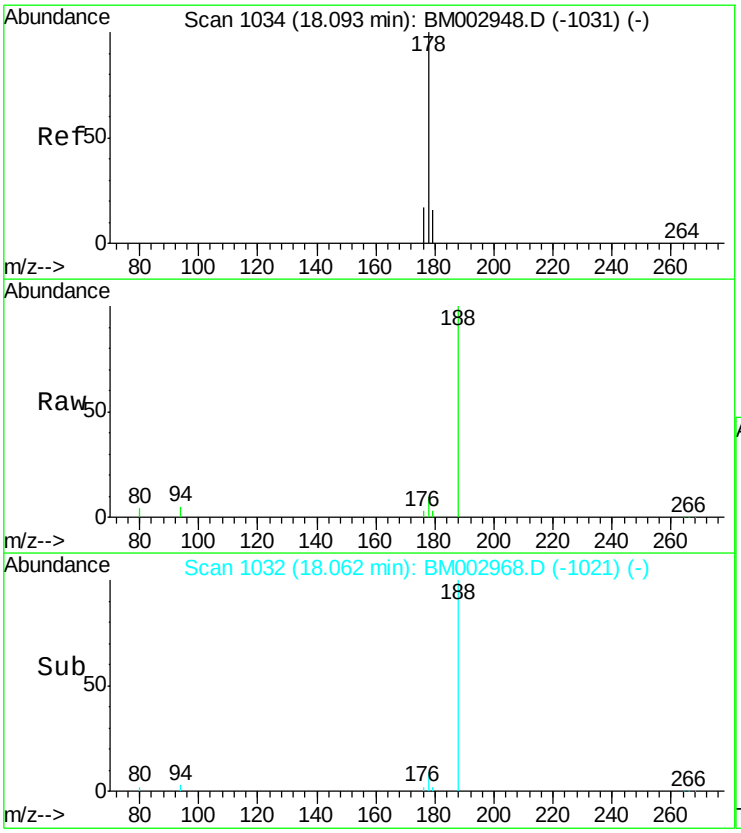
#14
Phenanthrene
Concen: 0.01 ng/ul
RT: 17.98 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BM002968.D
Acq: 22 Oct 2015 03:38

Instrument :
BNA_M
ClientSampleId :
JG9K7

Tgt Ion:178 Resp: 58396

Ion	Ratio	Lower	Upper
178	100		
176	17.1	16.2	24.4
179	17.9	12.8	19.2

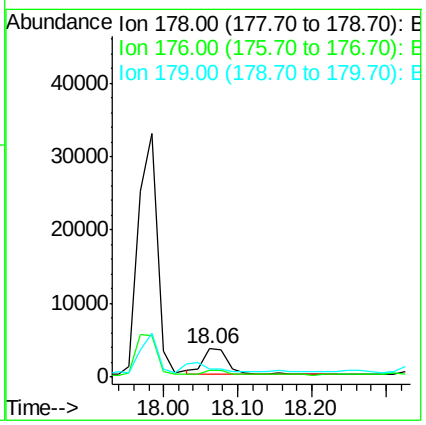


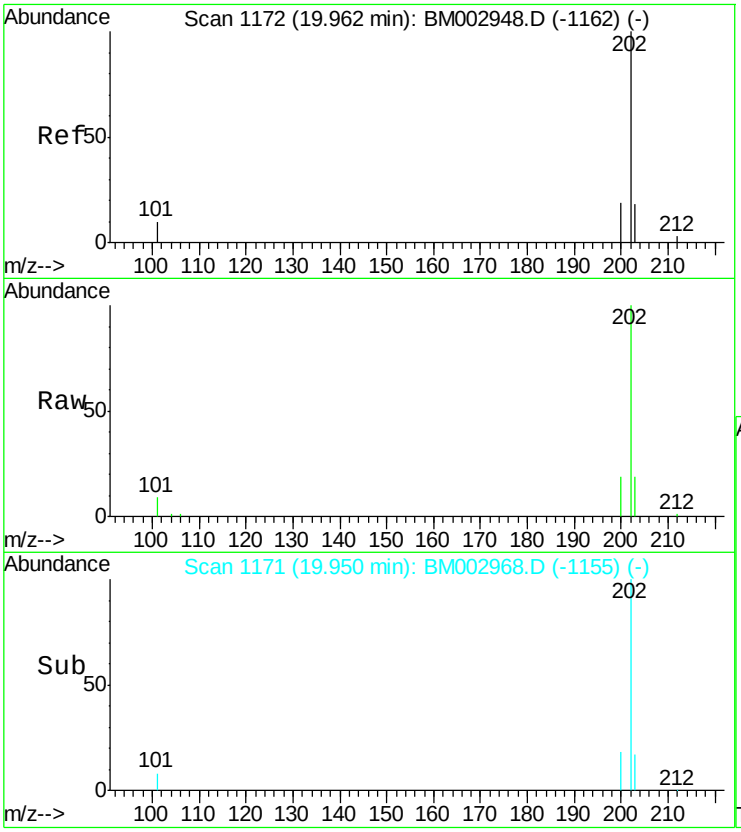


#15
Anthracene
Concen: 0.00 ng/ul
RT: 18.06 min Scan# 1032
Delta R.T. -0.03 min
Lab File: BM002968.D
Acq: 22 Oct 2015 03:38

Tgt Ion:178 Resp: 7790

Ion	Ratio	Lower	Upper
178	100		
176	25.7	15.8	23.8#
179	30.5	13.3	19.9#



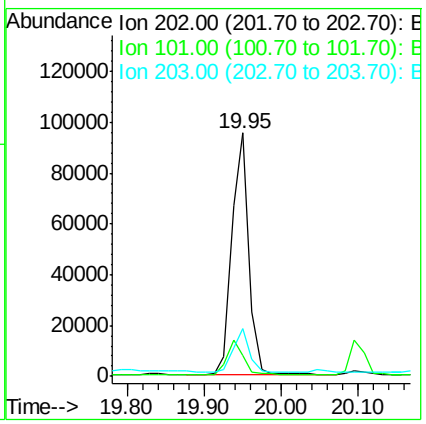


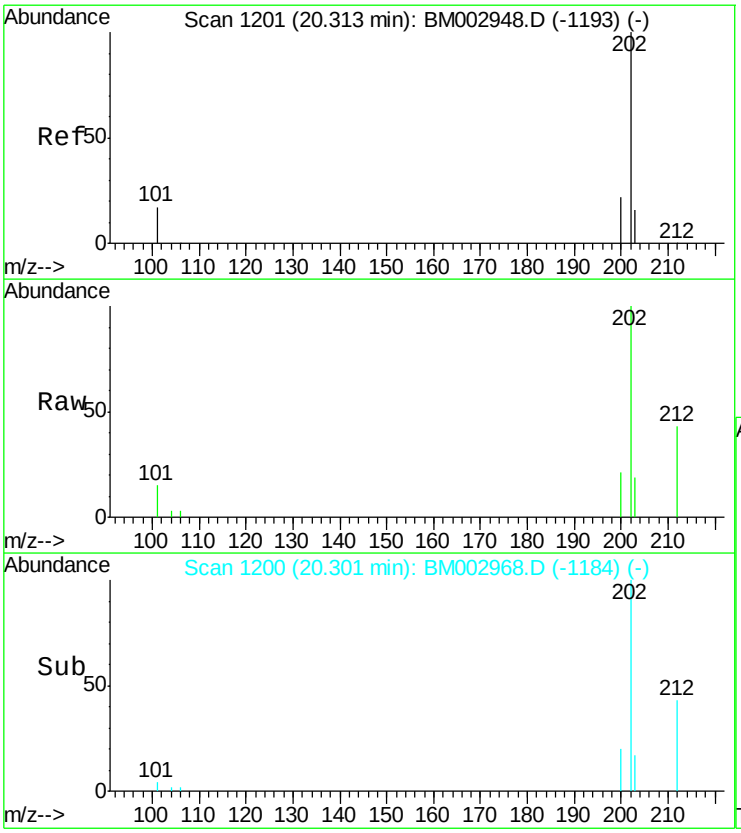
#17
Fluoranthene
Concen: 0.02 ng/ul
RT: 19.95 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BM002968.D
Acq: 22 Oct 2015 03:38

Instrument :
BNA_M
ClientSampleId :
JG9K7

Tgt Ion:202 Resp: 143273

Ion	Ratio	Lower	Upper
202	100		
101	8.6	0.0	33.1
203	19.4	0.0	37.2

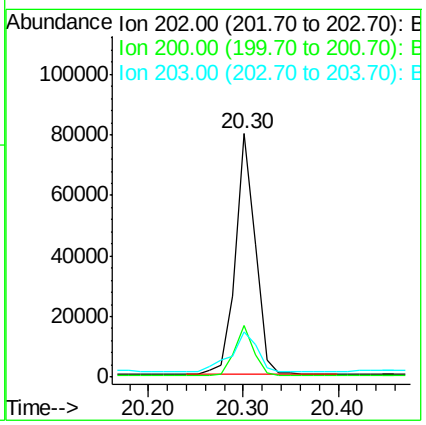


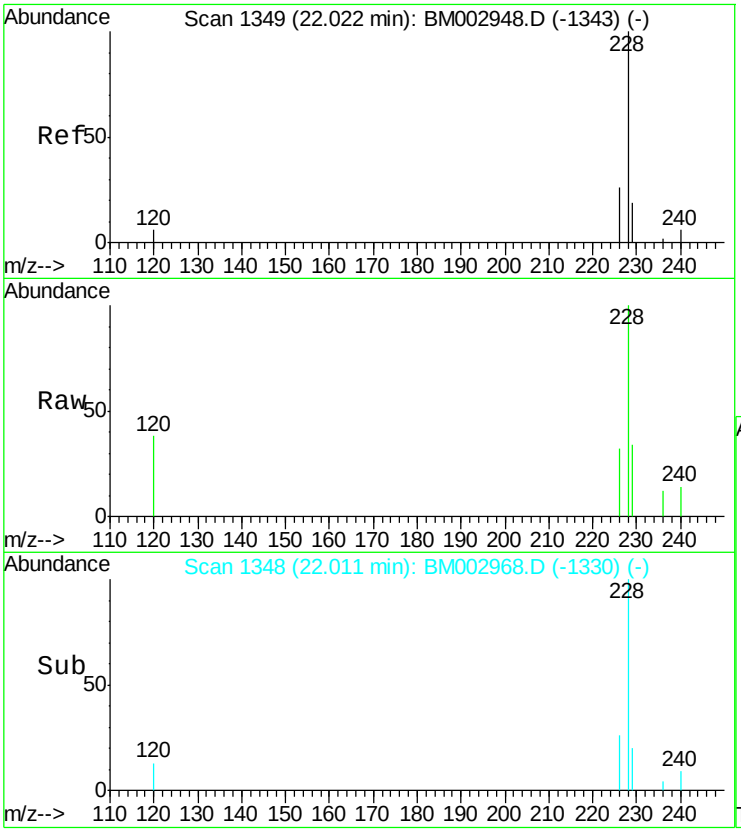


#19
Pyrene
Concen: 1.22 ng/ul
RT: 20.30 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BM002968.D
Acq: 22 Oct 2015 03:38

Tgt Ion:202 Resp: 116130

Ion	Ratio	Lower	Upper
202	100		
200	21.2	18.0	27.0
203	18.5	13.8	20.6



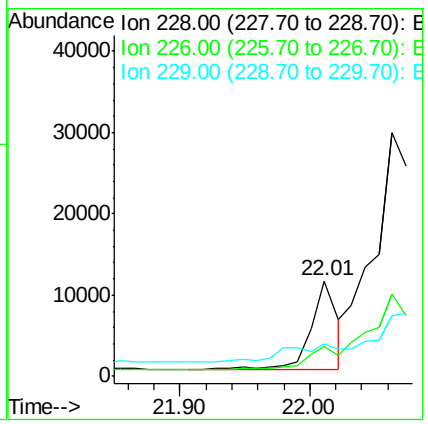


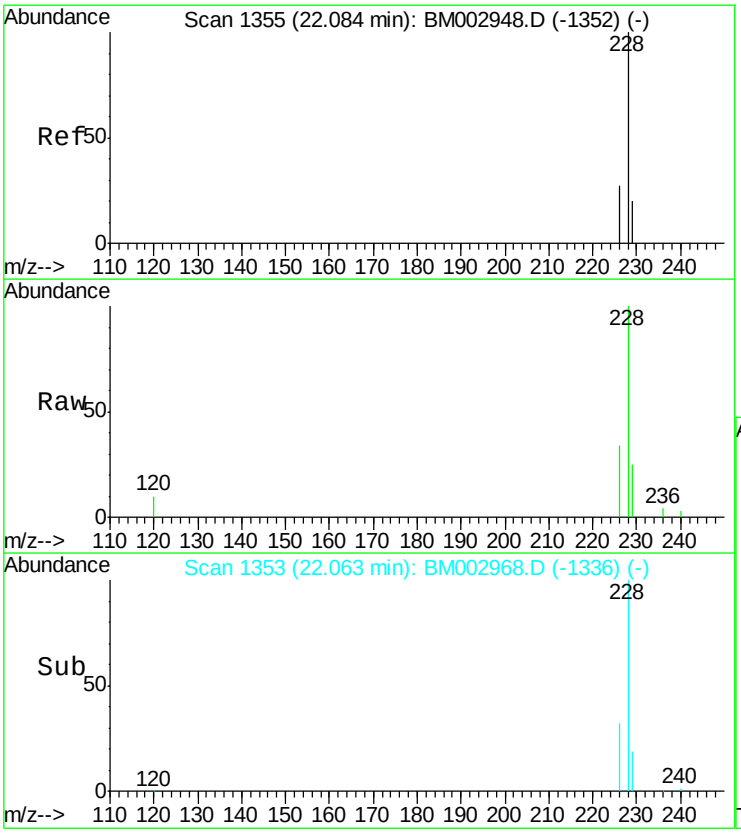
#20
Benzo(a)anthracene
Concen: 0.17 ng/ul
RT: 22.01 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BM002968.D
Acq: 22 Oct 2015 03:38

Instrument :
BNA_M
ClientSampleId :
JG9K7

Tgt Ion:228 Resp: 14934

Ion	Ratio	Lower	Upper
228	100		
226	31.8	23.0	34.4
229	34.4	15.2	22.8#

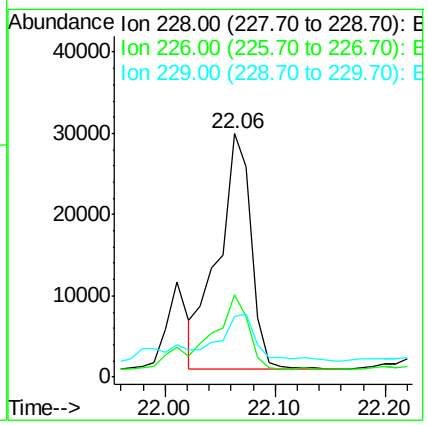


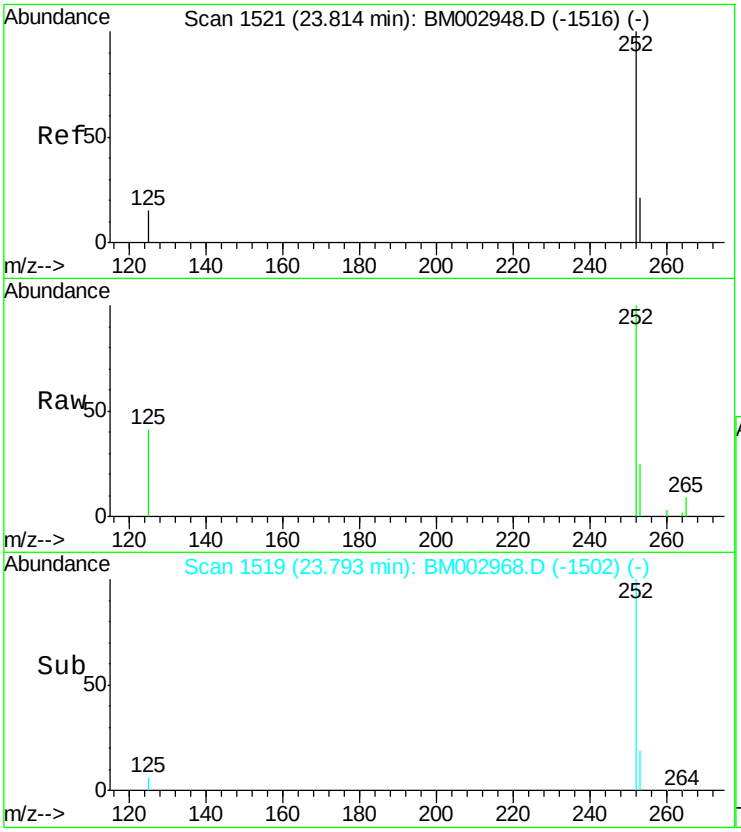


#21
Chrysene
Concen: 0.68 ng/ul
RT: 22.06 min Scan# 1353
Delta R.T. -0.02 min
Lab File: BM002968.D
Acq: 22 Oct 2015 03:38

Tgt Ion:228 Resp: 60127

Ion	Ratio	Lower	Upper
228	100		
226	33.9	25.7	38.5
229	24.8	15.2	22.8#



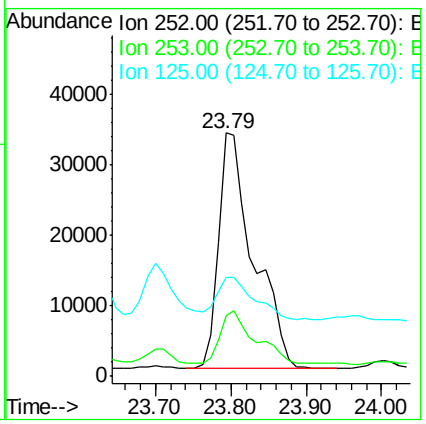


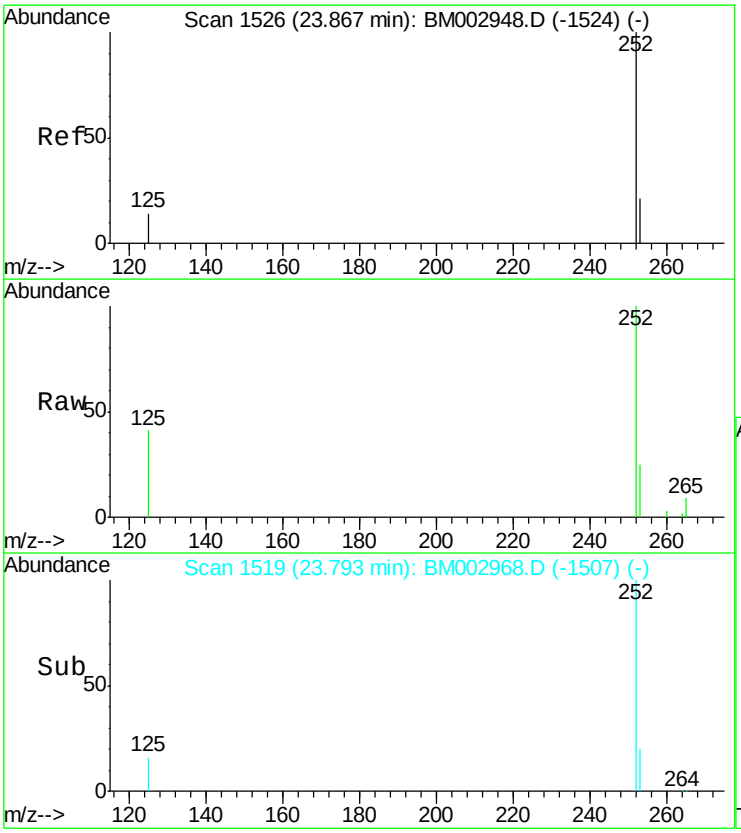
#23
Benzo(b)fluoranthene
Concen: 1.32 ng/ul
RT: 23.79 min Scan# 1519
Delta R.T. -0.02 min
Lab File: BM002968.D
Acq: 22 Oct 2015 03:38

Instrument :
BNA_M
ClientSampleId :
JG9K7

Tgt Ion:252 Resp: 109003

Ion	Ratio	Lower	Upper
252	100		
253	25.1	0.0	48.0
125	40.9	0.0	36.6#

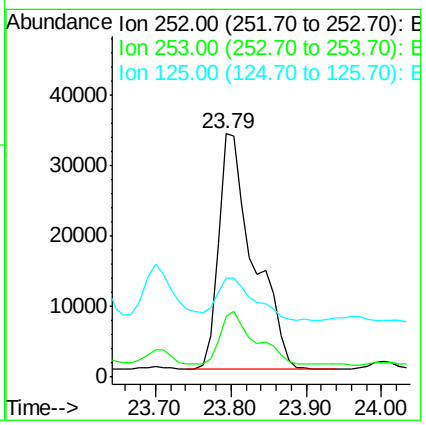


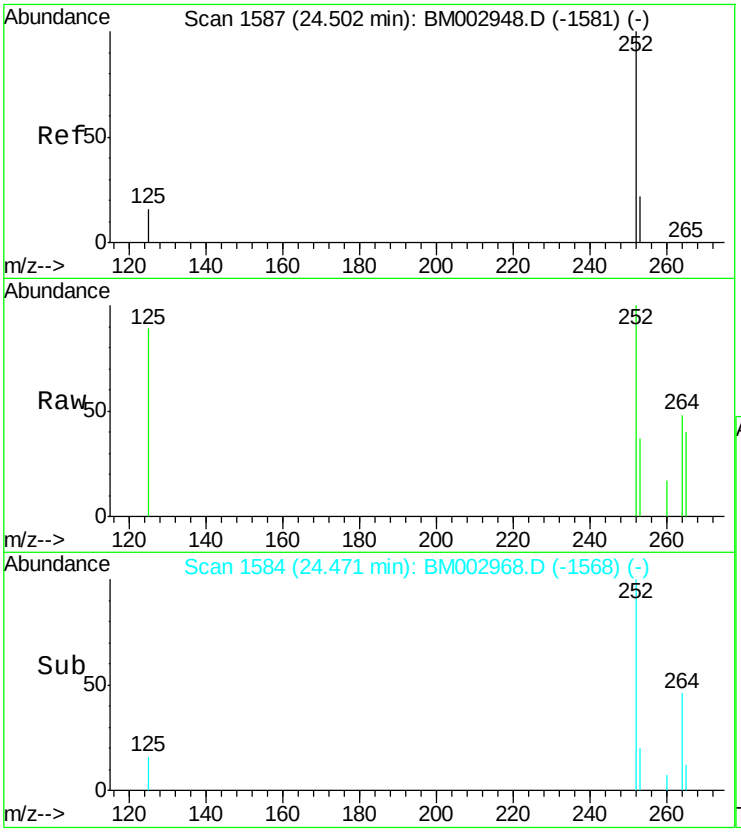


#24
Benzo(k)fluoranthene
Concen: 1.36 ng/ul
RT: 23.79 min Scan# 1519
Delta R.T. -0.07 min
Lab File: BM002968.D
Acq: 22 Oct 2015 03:38

Tgt Ion:252 Resp: 109003

Ion	Ratio	Lower	Upper
252	100		
253	25.1	20.8	31.2
125	40.9	12.2	18.4#



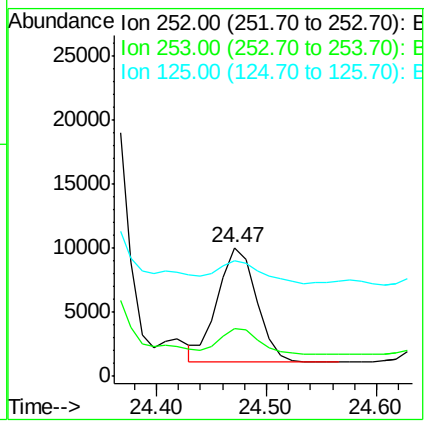


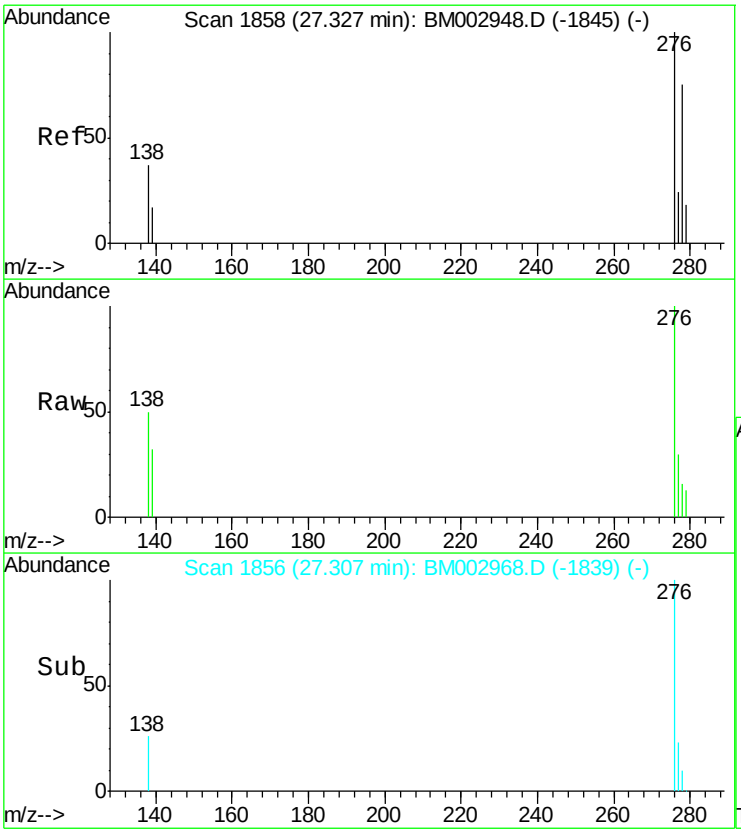
#25
Benzo(a)pyrene
Concen: 0.28 ng/ul
RT: 24.47 min Scan# 1584
Delta R.T. -0.03 min
Lab File: BM002968.D
Acq: 22 Oct 2015 03:38

Instrument :
BNA_M
ClientSampleId :
JG9K7

Tgt Ion:252 Resp: 22044

Ion	Ratio	Lower	Upper
252	100		
253	36.8	21.8	32.8#
125	89.2	14.5	21.7#

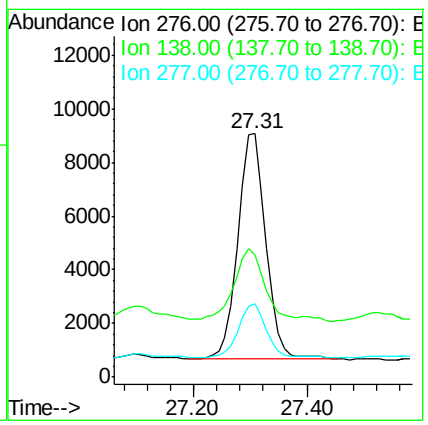


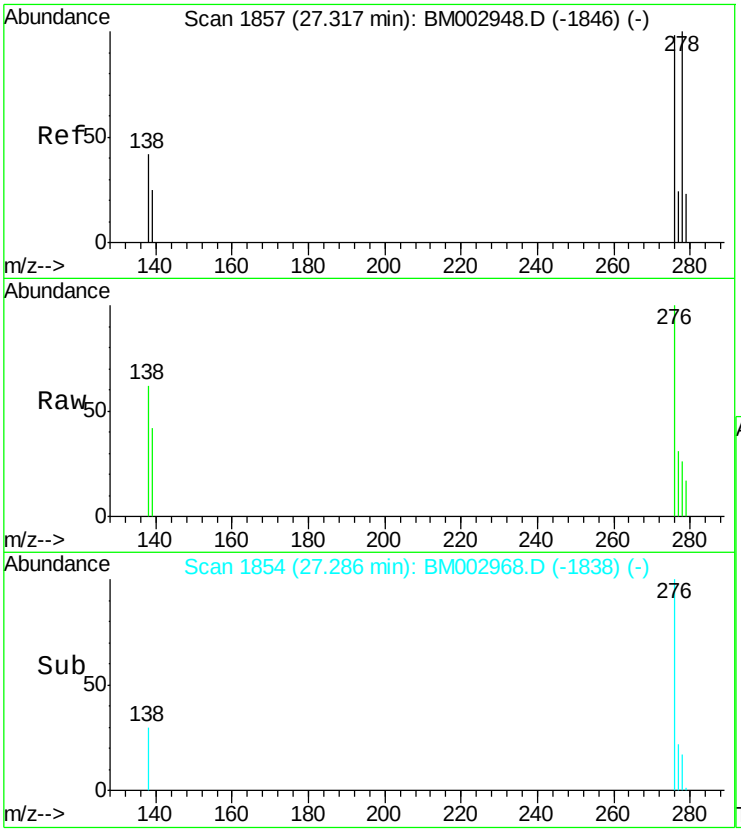


#26
Indeno(1,2,3-cd)pyrene
Concen: 0.33 ng/ul
RT: 27.31 min Scan# 1856
Delta R.T. -0.02 min
Lab File: BM002968.D
Acq: 22 Oct 2015 03:38

Tgt Ion:276 Resp: 28688

Ion	Ratio	Lower	Upper
276	100		
138	36.0	27.5	41.3
277	23.5	19.3	28.9



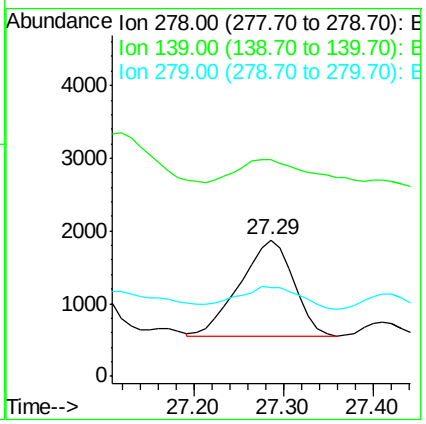


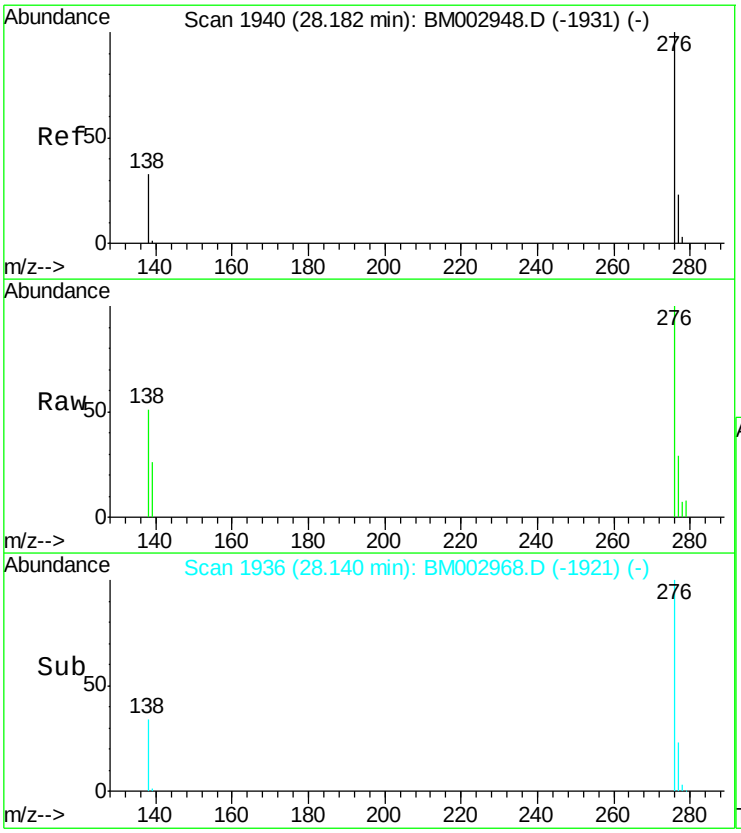
#27
Dibenzo(a,h)anthracene
Concen: 0.08 ng/ul
RT: 27.29 min Scan# 1854
Delta R.T. -0.03 min
Lab File: BM002968.D
Acq: 22 Oct 2015 03:38

Instrument :
BNA_M
ClientSampleId :
JG9K7

Tgt Ion:278 Resp: 5608

Ion	Ratio	Lower	Upper
278	100		
139	159.6	21.7	32.5#
279	65.4	21.9	32.9#





#28
Benzo(g,h,i)perylene
Concen: 0.56 ng/ul
RT: 28.14 min Scan# 1936
Delta R.T. -0.04 min
Lab File: BM002968.D
Acq: 22 Oct 2015 03:38

Tgt Ion:276 Resp: 40102

Ion	Ratio	Lower	Upper
276	100		
277	28.5	21.3	31.9
138	51.0	25.5	38.3#