Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070716\
Data File : BM006303.D
Acq On : 07 Jul 2016 04:05
Operator : UM/SJ
Sample : H3811-19
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4TW7

Quant Time: Jul 07 05:52:00 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM070716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 05:51:09 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	4773	0.40	ng/ul	0.00
4) Naphthalene-d8	10.43	136	19415	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.30	164	11130	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.14	188	1169756	0.40	ng/ul	0.10
18) Chrysene-d12	21.24	240	16774	0.40	ng/ul	0.00
22) Perylene-d12	23.31	264	656990	0.40	ng/ul	-0.14
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	8387	4.16	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.02	152	6981	0.31	ng/ul	0.00
16) Fluoranthene-d10	19.08	212	14983	0.01	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.48	128	661	0.01	ng/ul#	62
7) 2-Methylnaphthalene	12.09	142	283	0.01	ng/ul	98
9) Acenaphthylene	14.01	152	2170	0.06	ng/ul#	95
10) Acenaphthene	14.35	153	334	0.01	ng/ul#	82
11) Fluorene	15.29	166	2467	0.06	ng/ul#	27
13) Pentachlorophenol	16.87	266	5	0.00	ng/ul#	20
14) Phenanthrene	17.16	178	1992	0.00	ng/ul#	60
15) Anthracene	17.16	178	1945	0.00	ng/ul#	60
17) Fluoranthene	19.26	202	1921	0.00	ng/ul	69
19) Pyrene	19.48	202	33591	0.48	ng/ul#	92
20) Benzo(a)anthracene	21.22	228	10355	0.19	ng/ul#	86
21) Chrysene	21.28	228	13192	0.25	ng/ul	95
23) Benzo(b)fluoranthene	22.79	252	11955	0.01	ng/ul#	68
24) Benzo(k)fluoranthene	22.79	252	19501	0.01	ng/ul#	72
25) Benzo(a)pyrene	23.26	252	7593	0.00	ng/ul#	80
26) Indeno(1,2,3-cd)pyrene	25.51	276	849	0.00	ng/ul#	53
27) Dibenzo(a,h)anthracene	25.52	278	494	0.00	ng/ul#	1
28) Benzo(g,h,i)perylene	26.15	276	66	0.00	ng/ul#	1

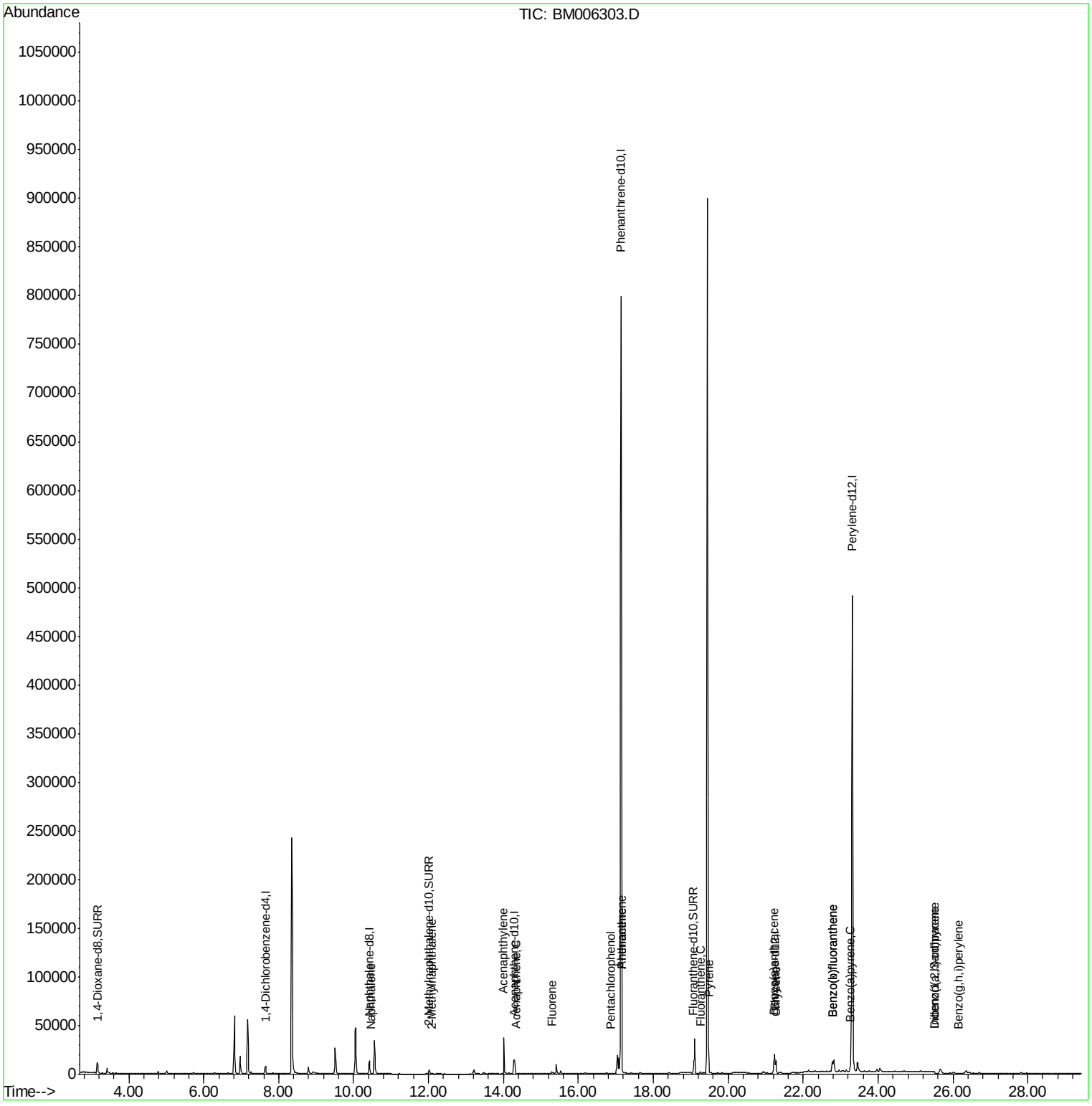
(#) = qualifier out of range (m) = manual integration (+) = signals summed

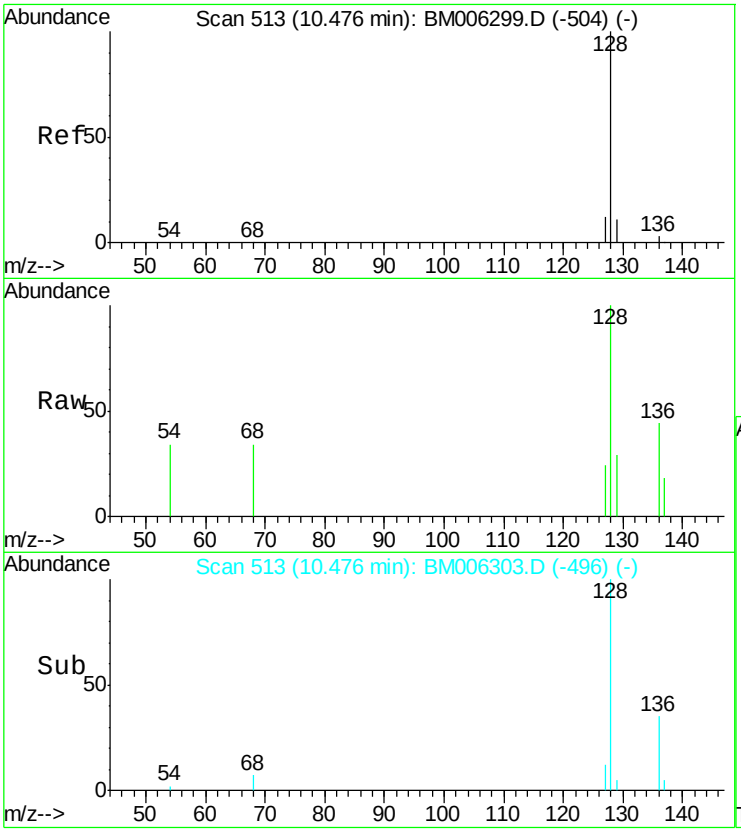
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070716\
Data File : BM006303.D
Acq On : 07 Jul 2016 04:05
Operator : UM/SJ
Sample : H3811-19
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4TW7

Quant Time: Jul 07 05:52:00 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM070716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 05:51:09 2016
Response via : Initial Calibration



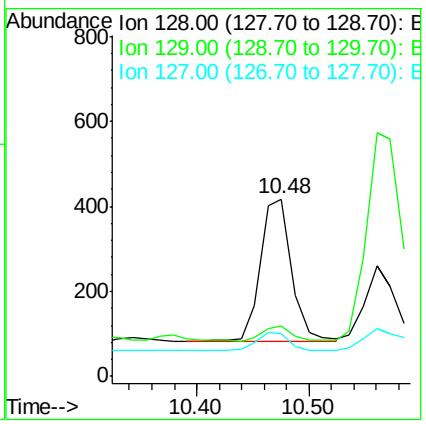


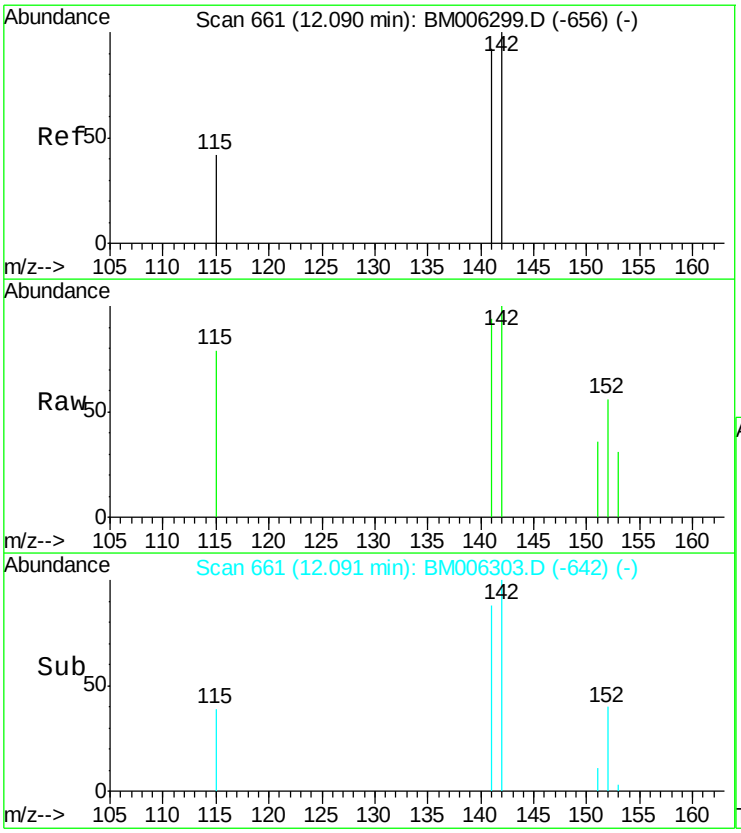
#5
Naphthalene
Concen: 0.01 ng/ul
RT: 10.48 min Scan# 513
Delta R.T. 0.00 min
Lab File: BM006303.D
Acq: 07 Jul 2016 04:05

Instrument :
BNA_M
ClientSampleId :
A4TW7

Tgt Ion:128 Resp: 661

Ion	Ratio	Lower	Upper
128	100		
129	28.5	9.0	13.6#
127	24.2	9.6	14.4#

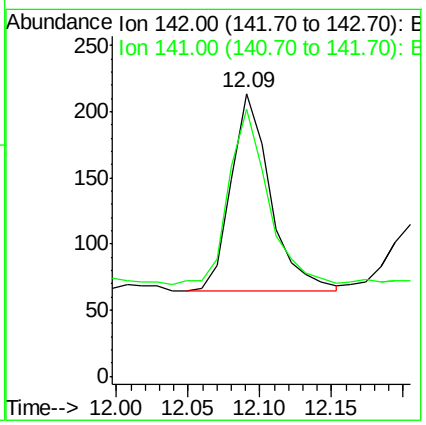


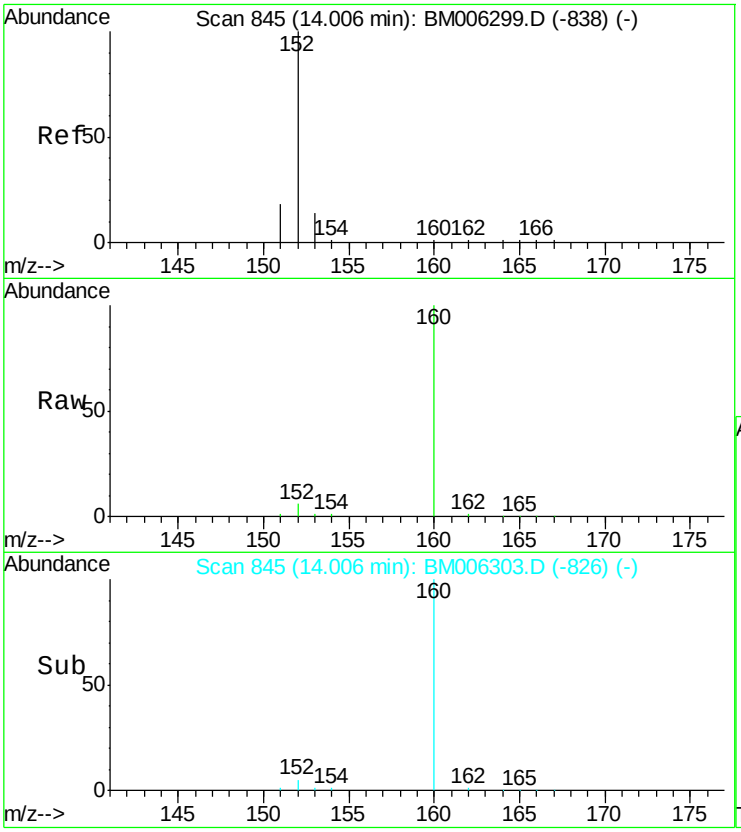


#7
2-Methylnaphthalene
Concen: 0.01 ng/ul
RT: 12.09 min Scan# 661
Delta R.T. 0.00 min
Lab File: BM006303.D
Acq: 07 Jul 2016 04:05

Tgt Ion:142 Resp: 283

Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.3	105.5



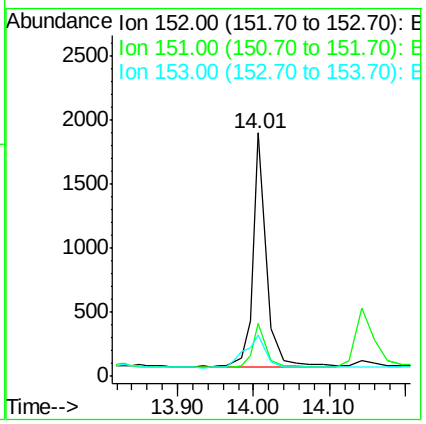


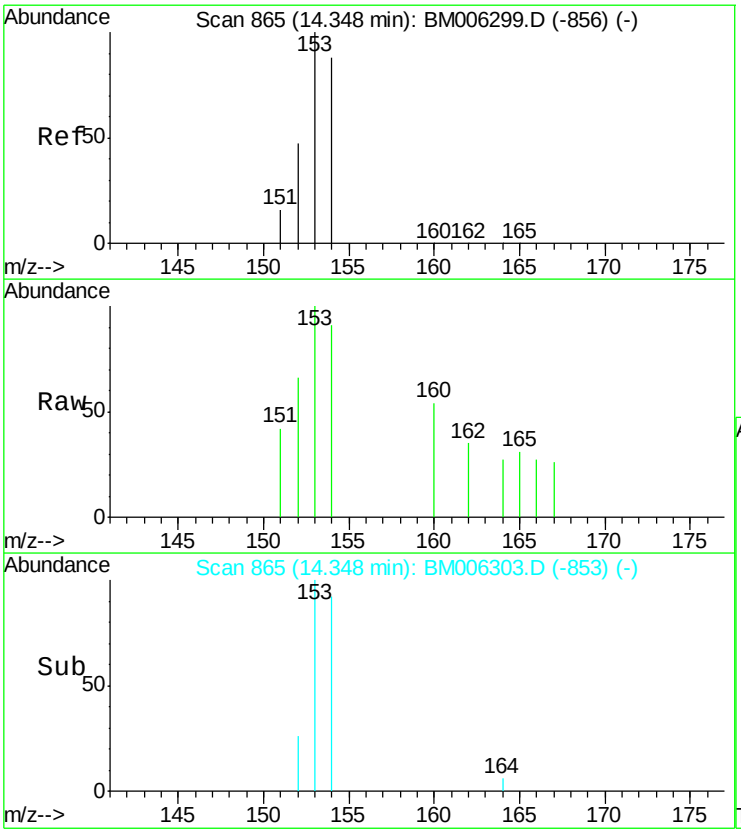
#9
Acenaphthylene
Concen: 0.06 ng/ul
RT: 14.01 min Scan# 845
Delta R.T. 0.00 min
Lab File: BM006303.D
Acq: 07 Jul 2016 04:05

Instrument :
BNA_M
ClientSampleId :
A4TW7

Tgt Ion:152 Resp: 2170

Ion	Ratio	Lower	Upper
152	100		
151	21.6	17.6	26.4
153	17.3	9.7	14.5#

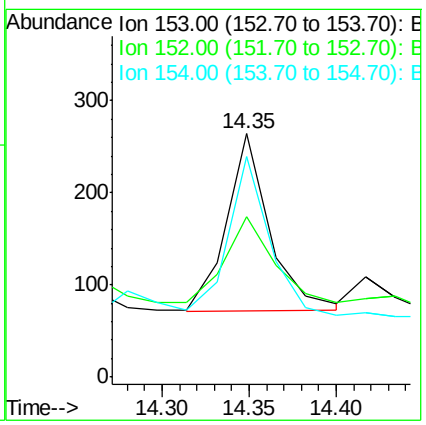


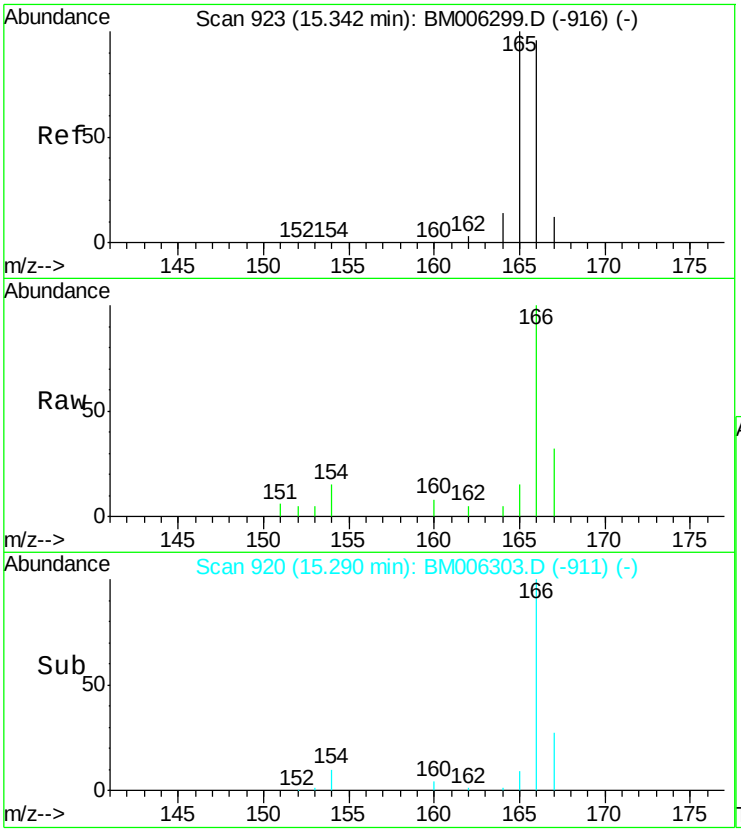


#10
Acenaphthene
Concen: 0.01 ng/ul
RT: 14.35 min Scan# 865
Delta R.T. 0.00 min
Lab File: BM006303.D
Acq: 07 Jul 2016 04:05

Tgt Ion:153 Resp: 334

Ion	Ratio	Lower	Upper
153	100		
152	65.9	33.9	50.9#
154	90.9	80.6	121.0



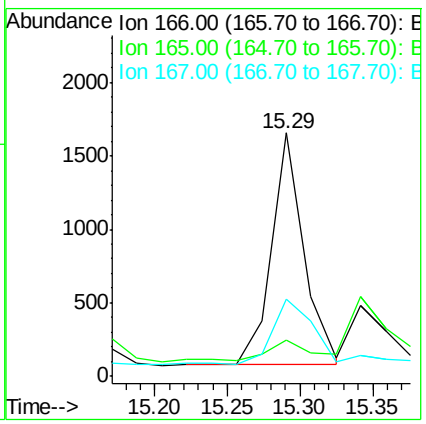


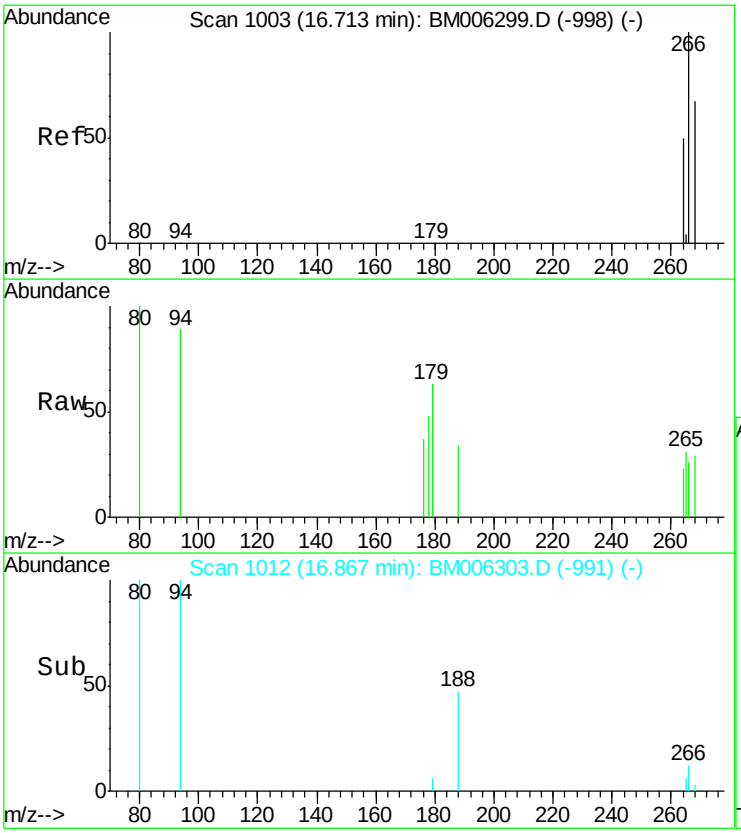
#11
Fluorene
Concen: 0.06 ng/ul
RT: 15.29 min Scan# 920
Delta R.T. -0.05 min
Lab File: BM006303.D
Acq: 07 Jul 2016 04:05

Instrument :
BNA_M
ClientSampleId :
A4TW7

Tgt Ion:166 Resp: 2467

Ion	Ratio	Lower	Upper
166	100		
165	14.8	69.6	104.4#
167	31.6	11.9	17.9#

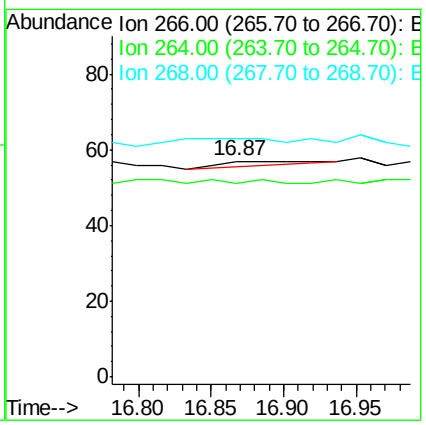


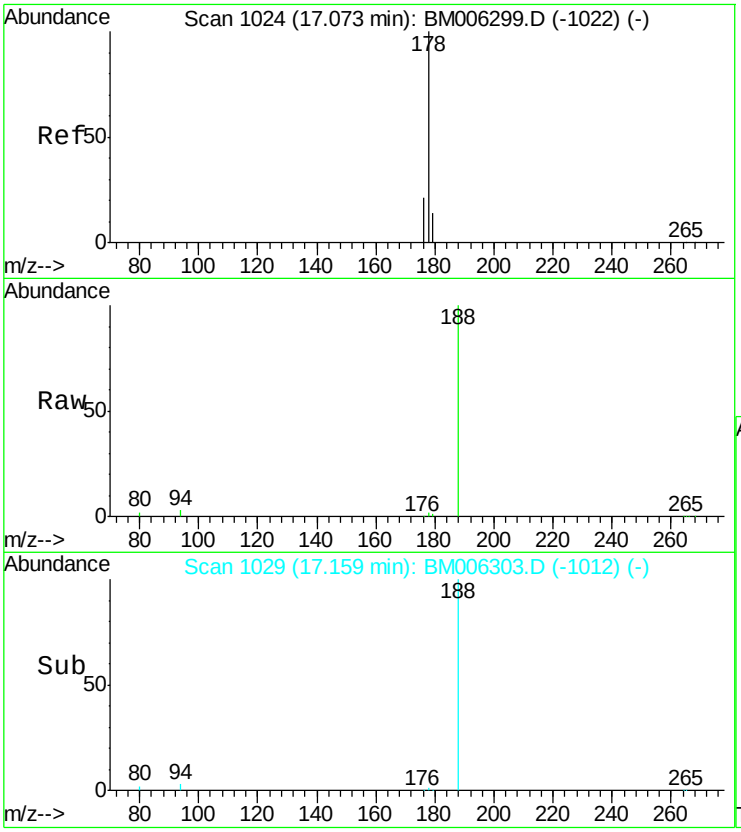


#13
Pentachlorophenol
Concen: 0.00 ng/ul
RT: 16.87 min Scan# 1012
Delta R.T. 0.15 min
Lab File: BM006303.D
Acq: 07 Jul 2016 04:05

Tgt Ion:266 Resp: 5

Ion	Ratio	Lower	Upper
266	100		
264	0.0	51.8	77.8#
268	0.0	46.8	70.2#



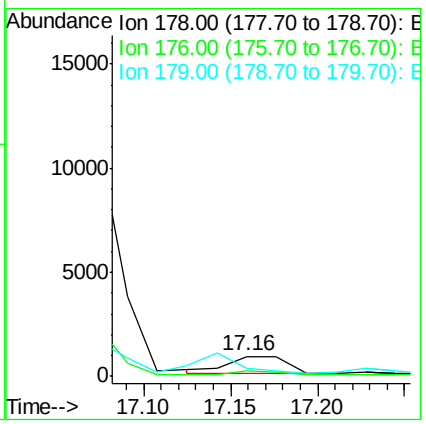


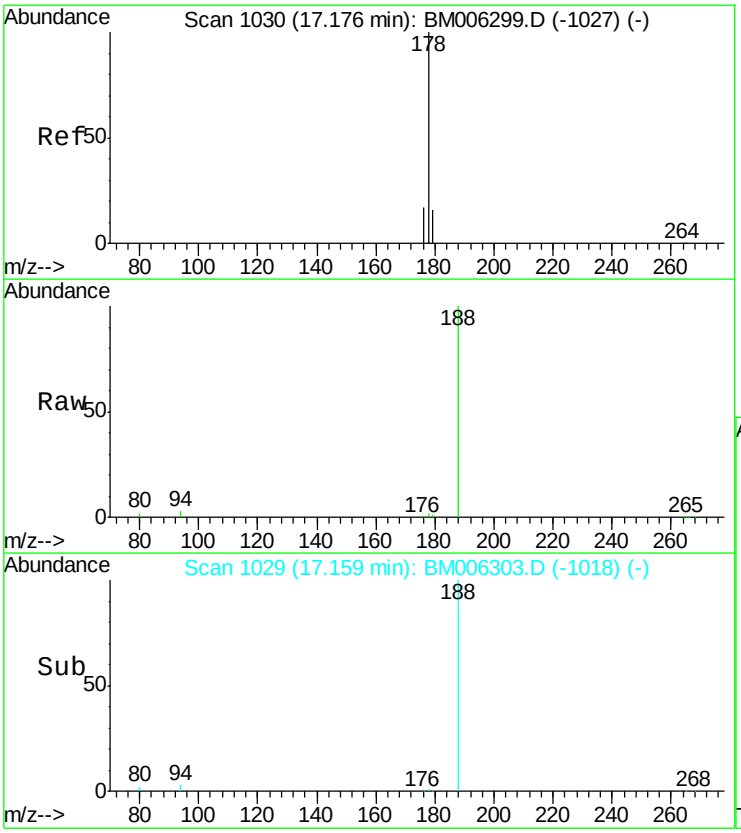
#14
Phenanthrene
Concen: 0.00 ng/ul
RT: 17.16 min Scan# 1029
Delta R.T. 0.09 min
Lab File: BM006303.D
Acq: 07 Jul 2016 04:05

Instrument :
BNA_M
ClientSampleId :
A4TW7

Tgt Ion:178 Resp: 1992

Ion	Ratio	Lower	Upper
178	100		
176	28.5	13.0	19.4#
179	40.1	14.2	21.2#

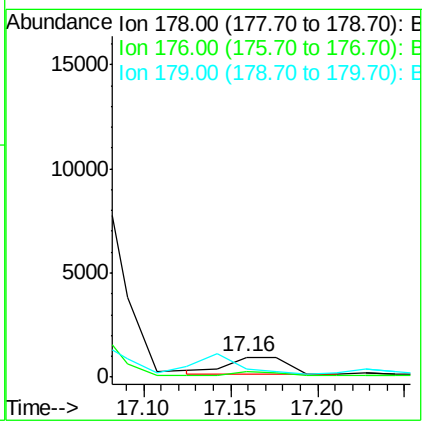


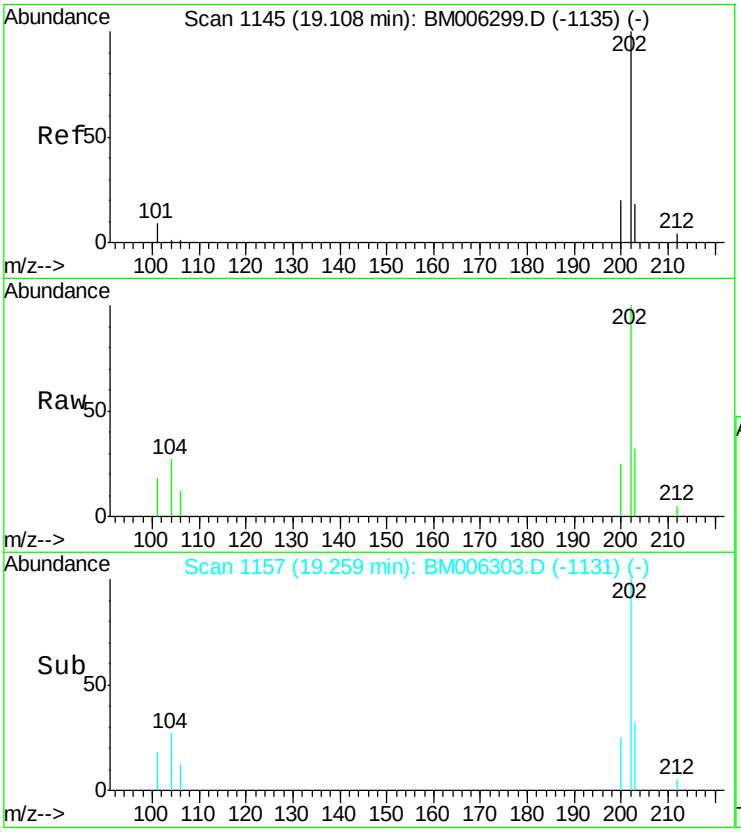


#15
Anthracene
Concen: 0.00 ng/ul
RT: 17.16 min Scan# 1029
Delta R.T. -0.02 min
Lab File: BM006303.D
Acq: 07 Jul 2016 04:05

Tgt Ion:178 Resp: 1945

Ion	Ratio	Lower	Upper
178	100		
176	28.5	14.0	21.0#
179	40.1	12.9	19.3#



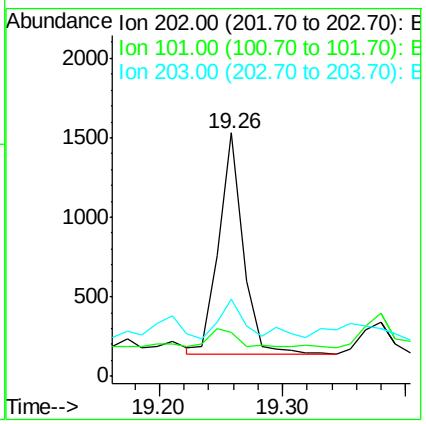


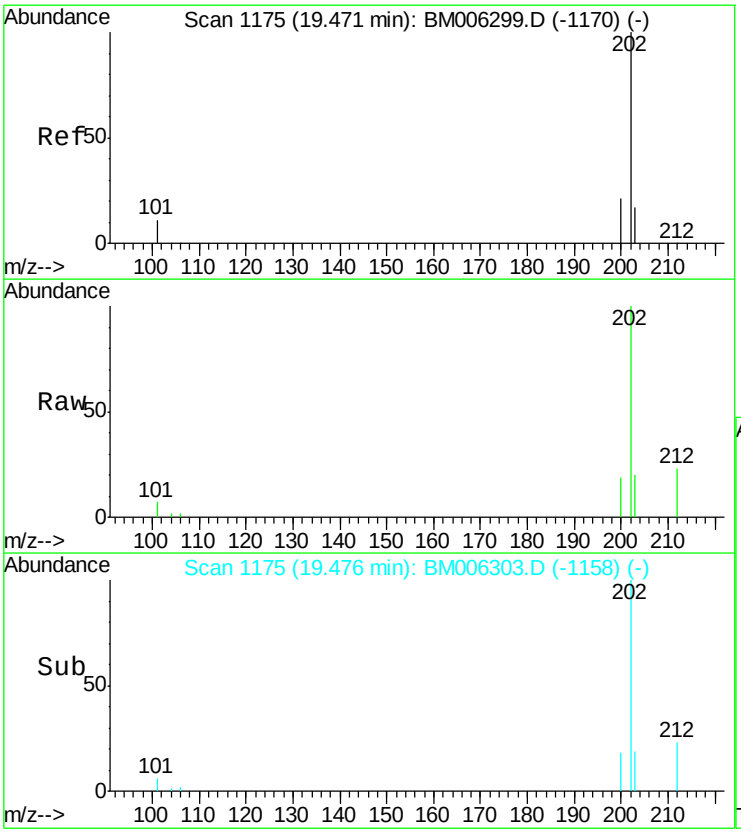
#17
Fluoranthene
Concen: 0.00 ng/ul
RT: 19.26 min Scan# 1157
Delta R.T. 0.15 min
Lab File: BM006303.D
Acq: 07 Jul 2016 04:05

Instrument :
BNA_M
ClientSampleId :
A4TW7

Tgt Ion:202 Resp: 1921

Ion	Ratio	Lower	Upper
202	100		
101	18.1	0.0	29.6
203	31.8	0.0	36.3

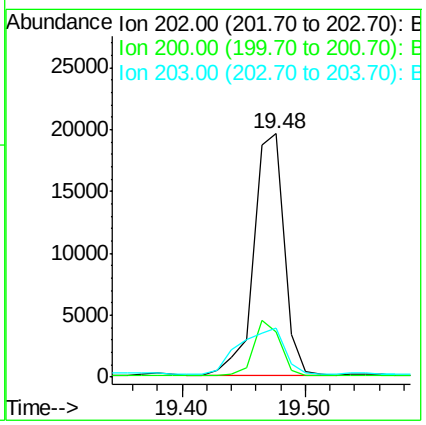


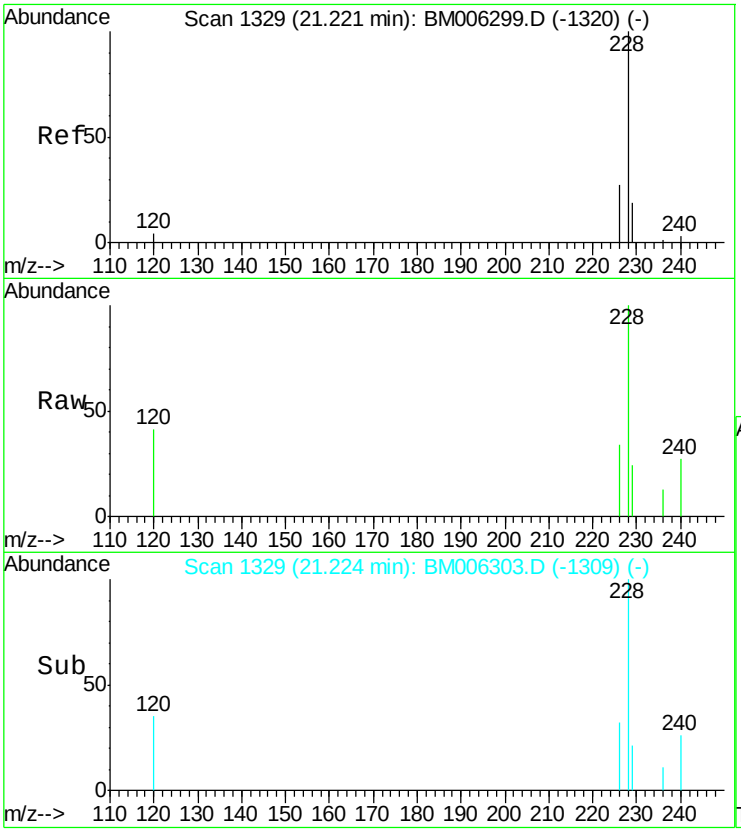


#19
Pyrene
Concen: 0.48 ng/ul
RT: 19.48 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BM006303.D
Acq: 07 Jul 2016 04:05

Tgt Ion:202 Resp: 33591

Ion	Ratio	Lower	Upper
202	100		
200	18.8	17.8	26.8
203	20.2	12.8	19.2#



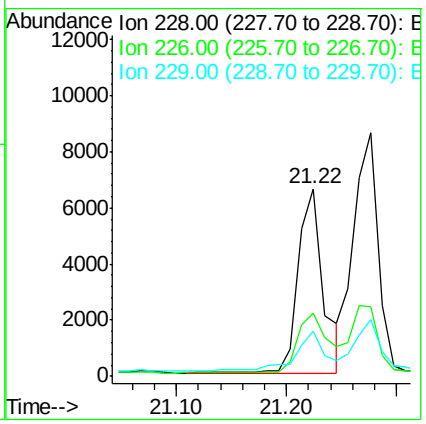


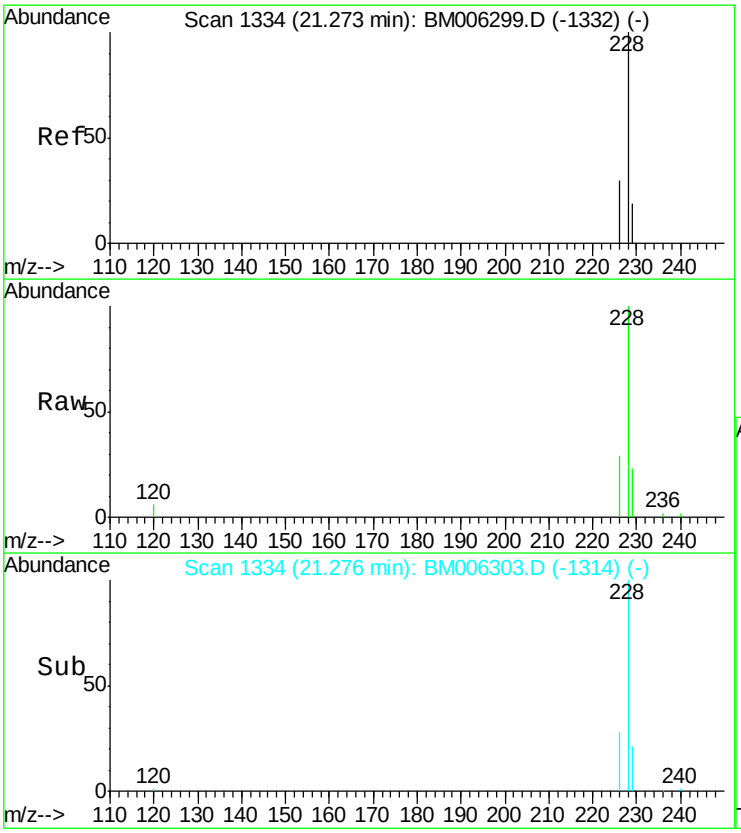
#20
Benzo(a)anthracene
Concen: 0.19 ng/ul
RT: 21.22 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BM006303.D
Acq: 07 Jul 2016 04:05

Instrument :
BNA_M
ClientSampleId :
A4TW7

Tgt Ion:228 Resp: 10355

Ion	Ratio	Lower	Upper
228	100		
226	33.6	18.8	28.2#
229	24.4	17.1	25.7

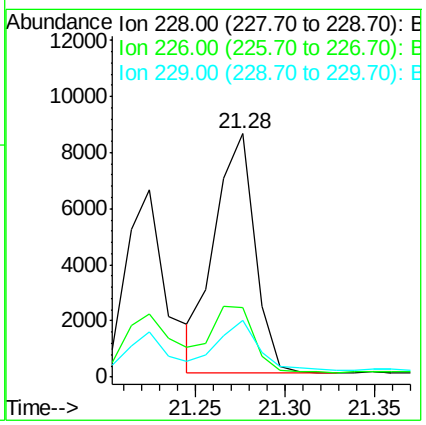


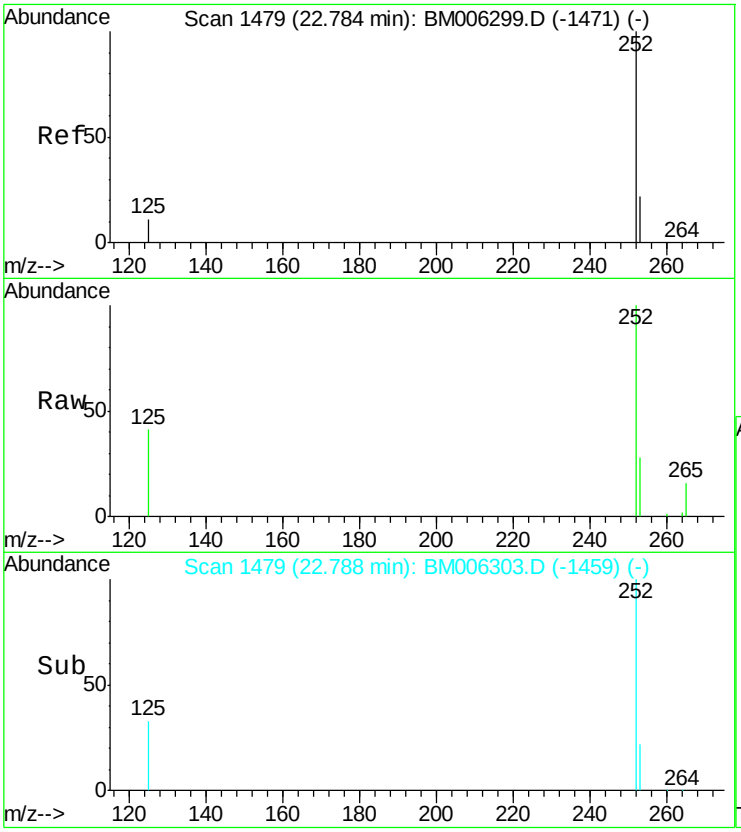


#21
Chrysene
Concen: 0.25 ng/ul
RT: 21.28 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BM006303.D
Acq: 07 Jul 2016 04:05

Tgt Ion:228 Resp: 13192

Ion	Ratio	Lower	Upper
228	100		
226	28.8	21.2	31.8
229	23.5	17.0	25.6



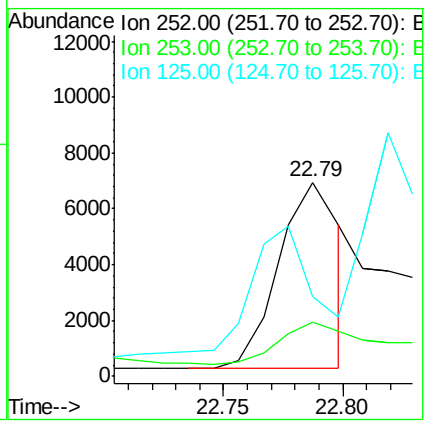


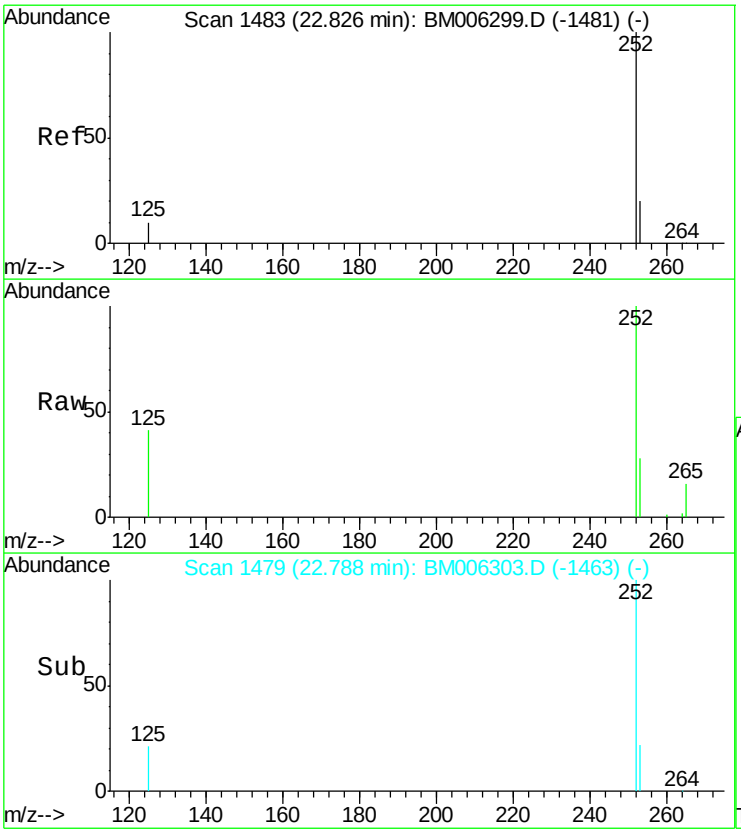
#23
Benzo(b)fluoranthene
Concen: 0.01 ng/ul
RT: 22.79 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BM006303.D
Acq: 07 Jul 2016 04:05

Instrument :
BNA_M
ClientSampleId :
A4TW7

Tgt Ion:252 Resp: 11955

Ion	Ratio	Lower	Upper
252	100		
253	27.8	0.0	45.4
125	41.4	0.0	28.8#

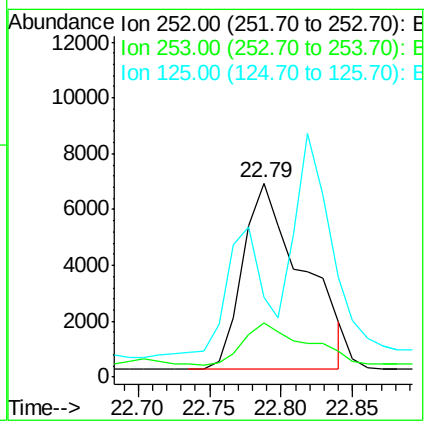


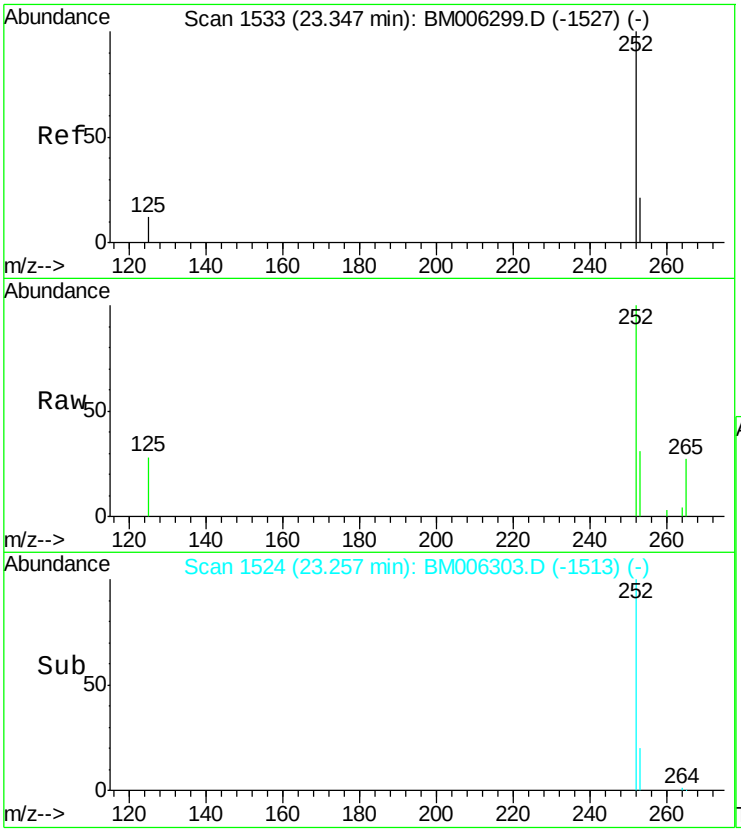


#24
Benzo(k)fluoranthene
Concen: 0.01 ng/ul
RT: 22.79 min Scan# 1479
Delta R.T. -0.04 min
Lab File: BM006303.D
Acq: 07 Jul 2016 04:05

Tgt Ion:252 Resp: 19501

Ion	Ratio	Lower	Upper
252	100		
253	27.8	19.8	29.8
125	41.4	10.4	15.6#



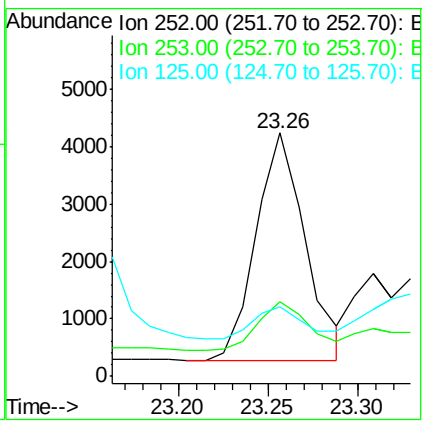


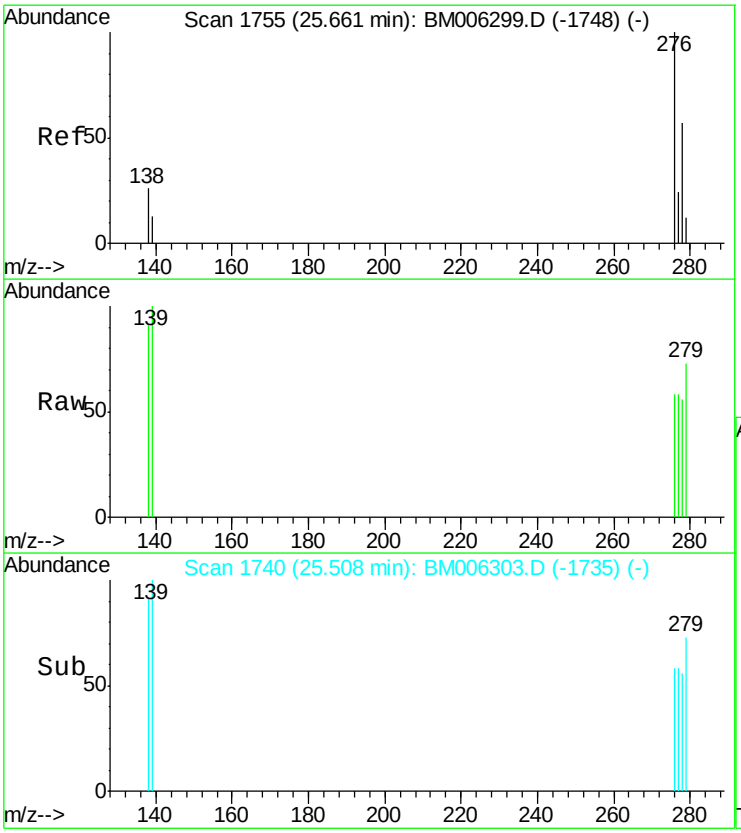
#25
Benzo(a)pyrene
Concen: 0.00 ng/ul
RT: 23.26 min Scan# 1524
Delta R.T. -0.09 min
Lab File: BM006303.D
Acq: 07 Jul 2016 04:05

Instrument :
BNA_M
ClientSampleId :
A4TW7

Tgt Ion:252 Resp: 7593

Ion	Ratio	Lower	Upper
252	100		
253	30.8	19.4	29.2#
125	28.5	12.7	19.1#

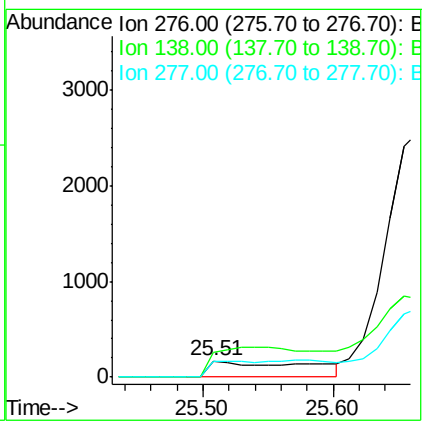


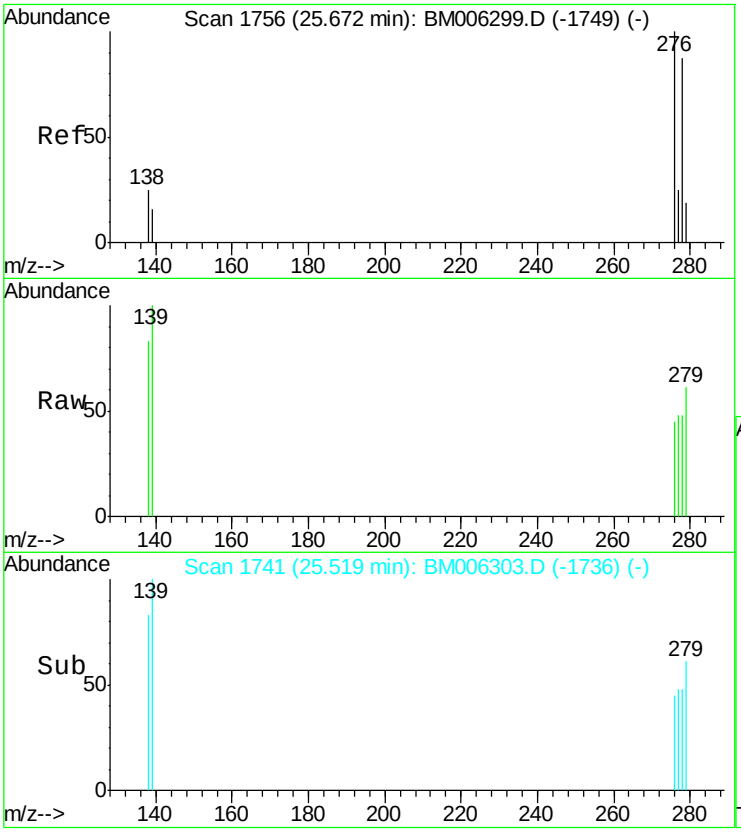


#26
Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng/ul
RT: 25.51 min Scan# 1740
Delta R.T. -0.15 min
Lab File: BM006303.D
Acq: 07 Jul 2016 04:05

Tgt Ion:276 Resp: 849

Ion	Ratio	Lower	Upper
276	100		
138	0.0	16.3	24.5#
277	0.0	19.8	29.8#



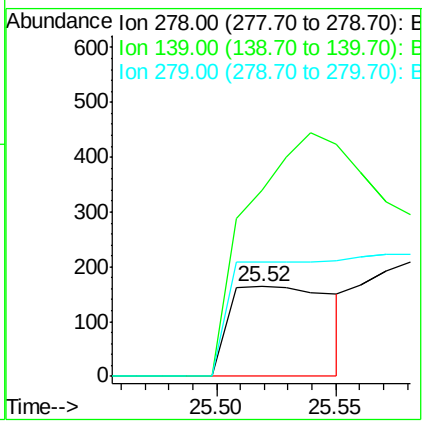


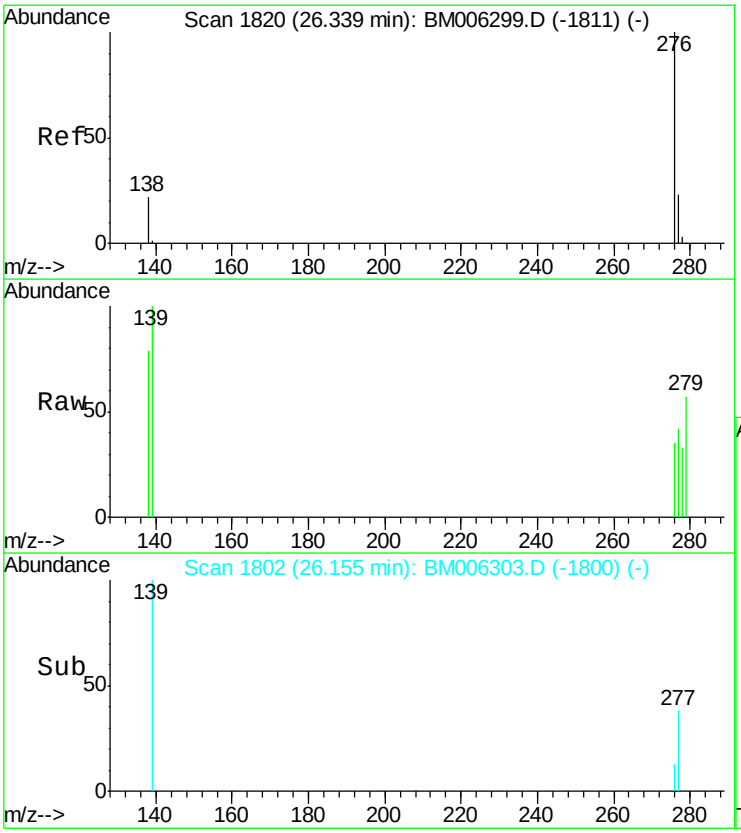
#27
Dibenzo(a,h)anthracene
Concen: 0.00 ng/ul
RT: 25.52 min Scan# 1741
Delta R.T. -0.15 min
Lab File: BM006303.D
Acq: 07 Jul 2016 04:05

Instrument :
BNA_M
ClientSampleId :
A4TW7

Tgt Ion:278 Resp: 494

Ion	Ratio	Lower	Upper
278	100		
139	207.3	16.4	24.6#
279	127.4	20.2	30.2#





#28
Benzo(g,h,i)perylene
Concen: 0.00 ng/ul
RT: 26.15 min Scan# 1802
Delta R.T. -0.18 min
Lab File: BM006303.D
Acq: 07 Jul 2016 04:05

Tgt Ion:276 Resp: 66

Ion	Ratio	Lower	Upper
276	100		
277	117.8	18.9	28.3#
138	222.0	22.5	33.7#