Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070816\
Data File : BM006339.D
Acq On : 08 Jul 2016 03:43
Operator : UM/SJ
Sample : H3811-15DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4TW3DL

Quant Time: Jul 08 08:22:29 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM070716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 08 08:04:54 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	4722	0.40	ng/ul	0.00
4) Naphthalene-d8	10.43	136	18840	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.28	164	11098	0.40	ng/ul	-0.02
12) Phenanthrene-d10	17.04	188	25977	0.40	ng/ul	0.00
18) Chrysene-d12	21.23	240	17984	0.40	ng/ul	-0.01
22) Perylene-d12	23.44	264	15080	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	1978	0.99	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.02	152	1488	0.07	ng/ul	0.00
16) Fluoranthene-d10	19.08	212	5399	0.10	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.46	128	2330	0.05	ng/ul#	86
7) 2-Methylnaphthalene	12.09	142	1135	0.04	ng/ul	99
9) Acenaphthylene	14.01	152	14161	0.38	ng/ul#	92
10) Acenaphthene	14.35	153	1354	0.04	ng/ul#	89
11) Fluorene	15.34	166	7524	0.18	ng/ul#	83
13) Pentachlorophenol	16.71	266	25	0.01	ng/ul#	82
14) Phenanthrene	17.07	178	93853	1.31	ng/ul#	93
15) Anthracene	17.07	178	93793	1.41	ng/ul	96
17) Fluoranthene	19.10	202	176739	2.23	ng/ul	98
19) Pyrene	19.46	202	223961	2.97	ng/ul	99
20) Benzo(a)anthracene	21.22	228	98539	1.69	ng/ul#	89
21) Chrysene	21.27	228	94057	1.65	ng/ul#	89
23) Benzo(b)fluoranthene	22.79	252	93727	1.74	ng/ul	99
24) Benzo(k)fluoranthene	22.79	252	93727	1.87	ng/ul	97
25) Benzo(a)pyrene	23.26	252	39402	0.78	ng/ul	99
26) Indeno(1,2,3-cd)pyrene	25.65	276	31406	0.56	ng/ul#	95
27) Dibenzo(a,h)anthracene	25.66	278	10560	0.24	ng/ul#	88
28) Benzo(g,h,i)perylene	26.33	276	28793	0.61	ng/ul	96

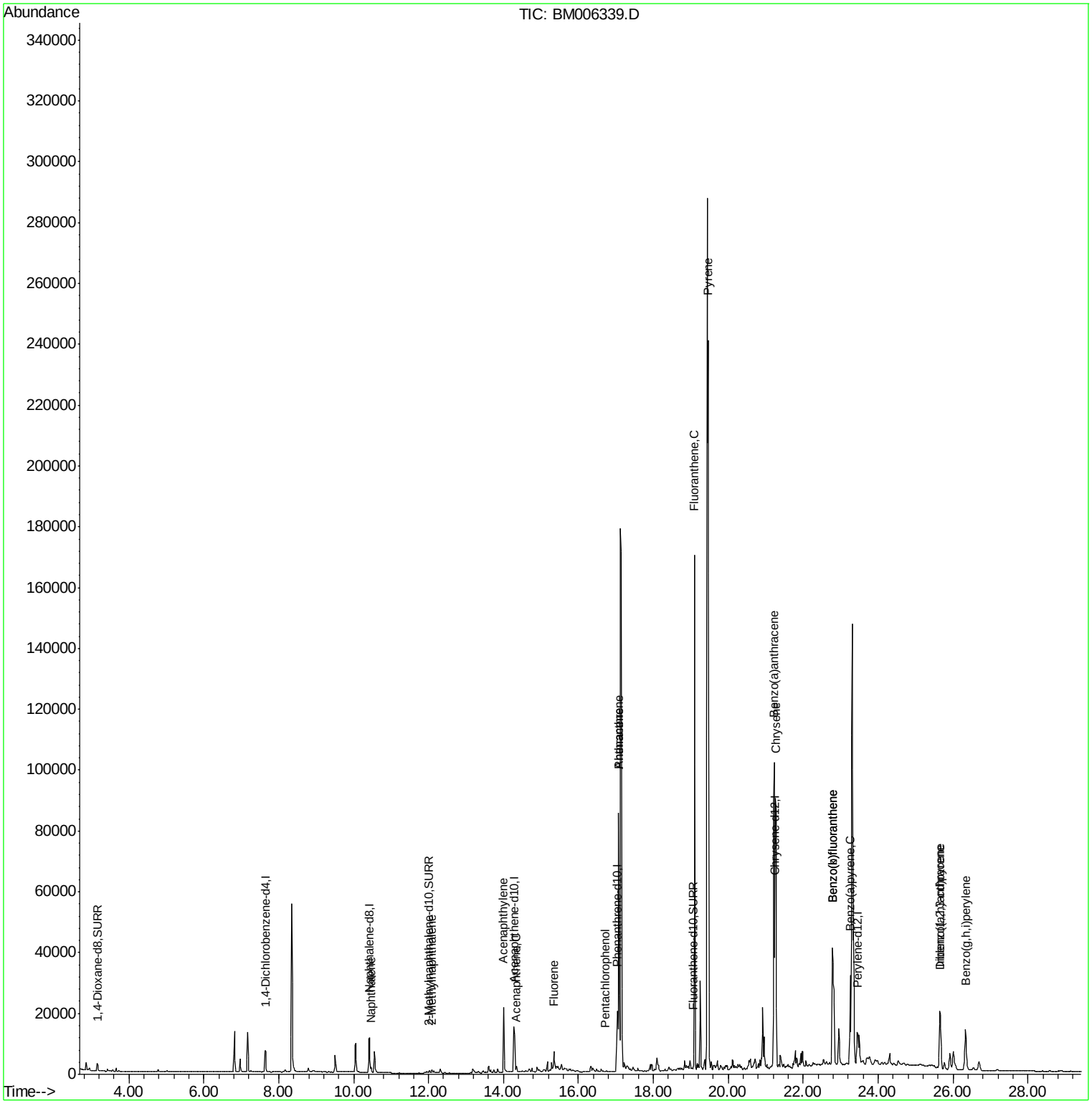
(#) = qualifier out of range (m) = manual integration (+) = signals summed

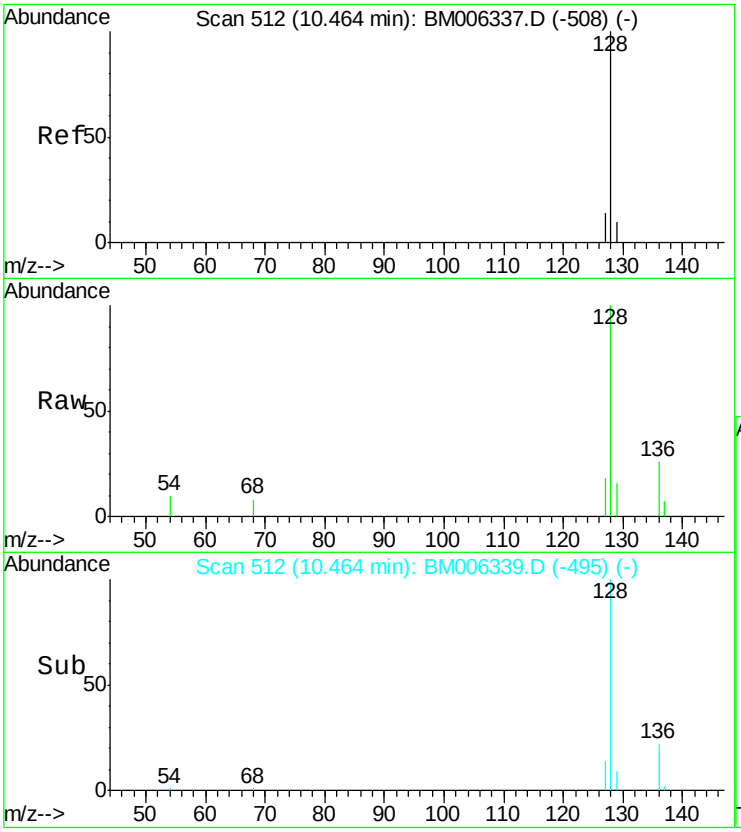
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070816\
Data File : BM006339.D
Acq On : 08 Jul 2016 03:43
Operator : UM/SJ
Sample : H3811-15DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4TW3DL

Quant Time: Jul 08 08:22:29 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM070716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 08 08:04:54 2016
Response via : Initial Calibration



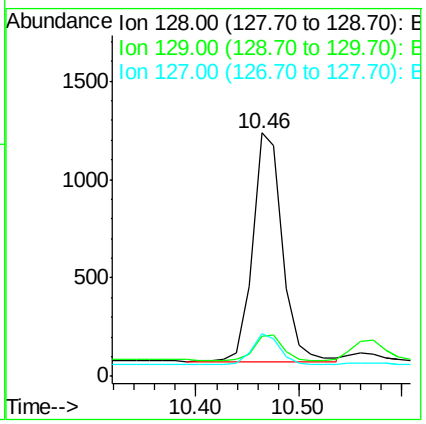


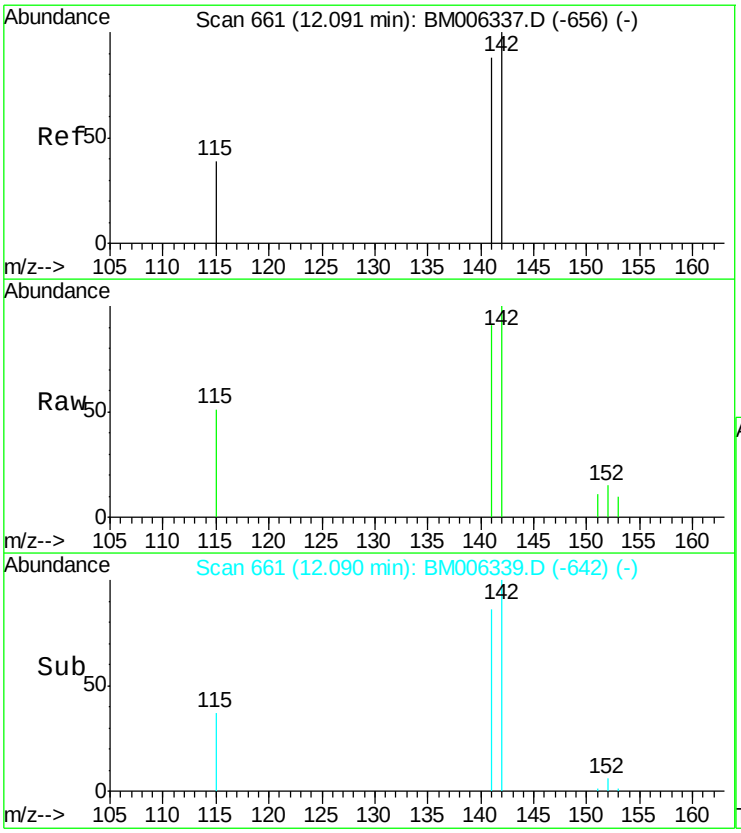
#5
Naphthalene
Concen: 0.05 ng/ul
RT: 10.46 min Scan# 512
Delta R.T. -0.00 min
Lab File: BM006339.D
Acq: 08 Jul 2016 03:43

Instrument :
BNA_M
ClientSampleId :
A4TW3DL

Tgt Ion:128 Resp: 2330

Ion	Ratio	Lower	Upper
128	100		
129	16.4	9.0	13.6#
127	17.7	9.6	14.4#

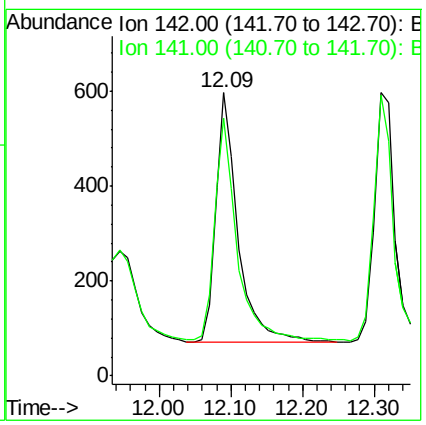


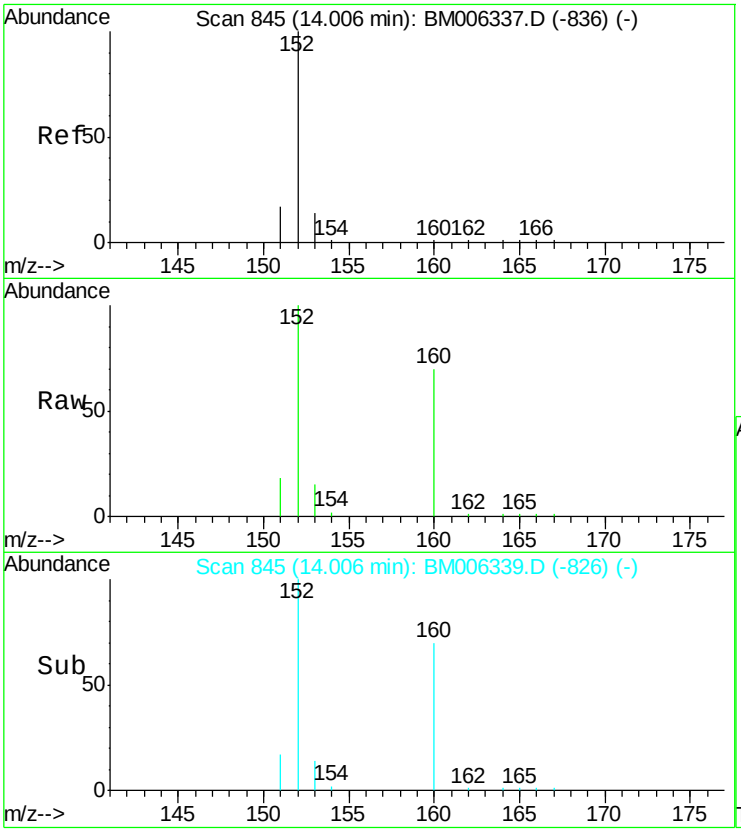


#7
2-Methylnaphthalene
Concen: 0.04 ng/ul
RT: 12.09 min Scan# 661
Delta R.T. -0.00 min
Lab File: BM006339.D
Acq: 08 Jul 2016 03:43

Tgt Ion:142 Resp: 1135

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.3	105.5



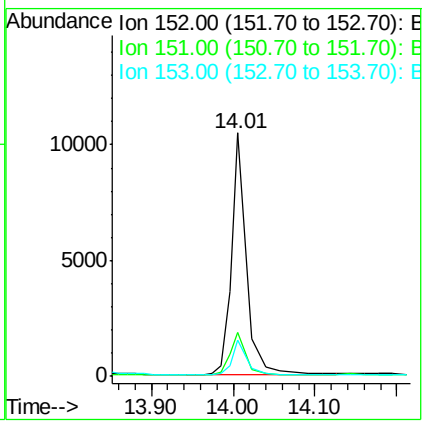


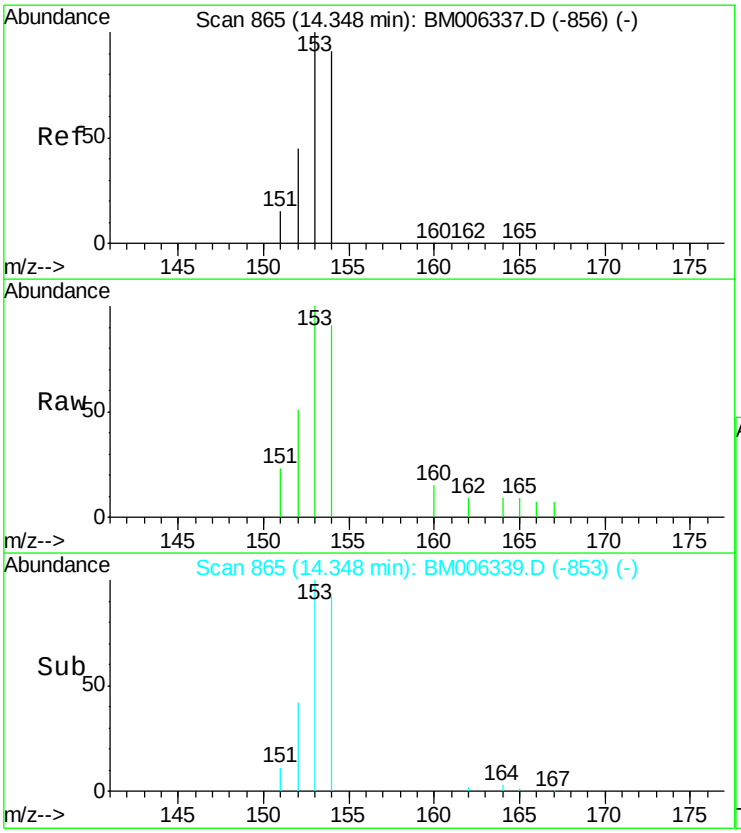
#9
Acenaphthylene
Concen: 0.38 ng/ul
RT: 14.01 min Scan# 845
Delta R.T. -0.00 min
Lab File: BM006339.D
Acq: 08 Jul 2016 03:43

Instrument :
BNA_M
ClientSampleId :
A4TW3DL

Tgt Ion:152 Resp: 14161

Ion	Ratio	Lower	Upper
152	100		
151	18.0	17.6	26.4
153	14.9	9.7	14.5#

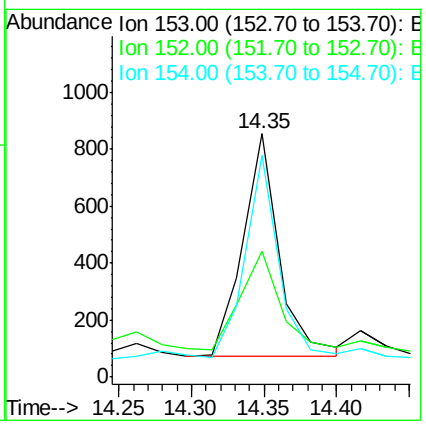


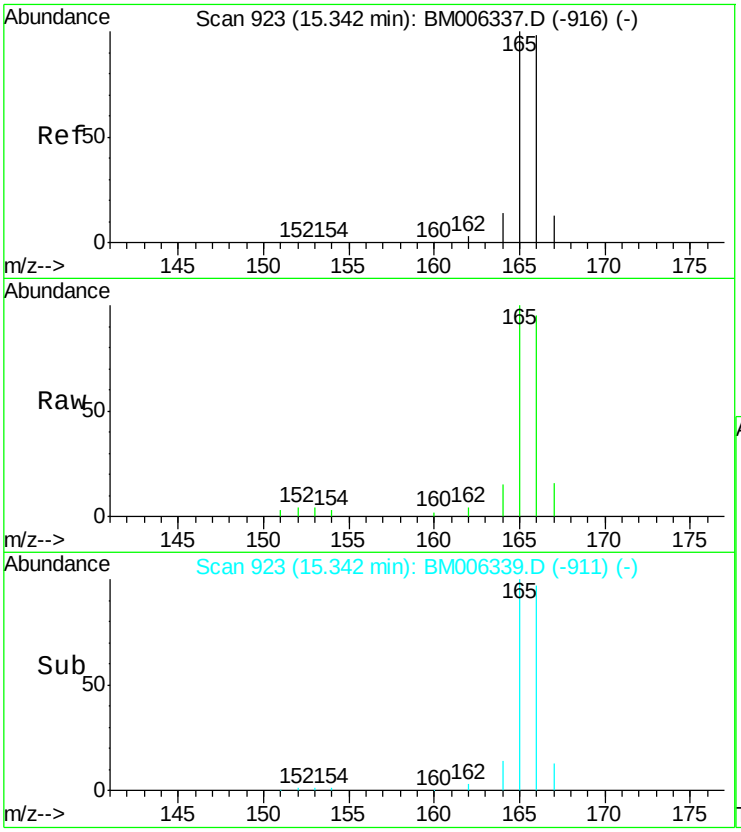


#10
Acenaphthene
Concen: 0.04 ng/ul
RT: 14.35 min Scan# 865
Delta R.T. -0.00 min
Lab File: BM006339.D
Acq: 08 Jul 2016 03:43

Tgt Ion:153 Resp: 1354

Ion	Ratio	Lower	Upper
153	100		
152	51.5	33.9	50.9#
154	91.0	80.6	121.0



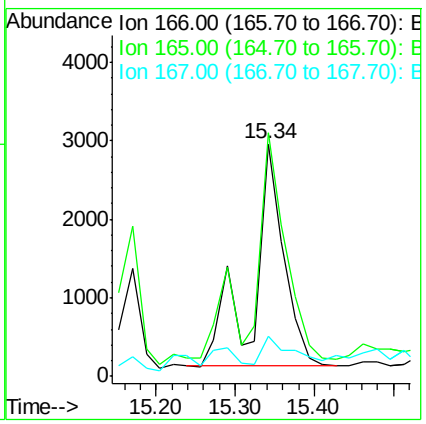


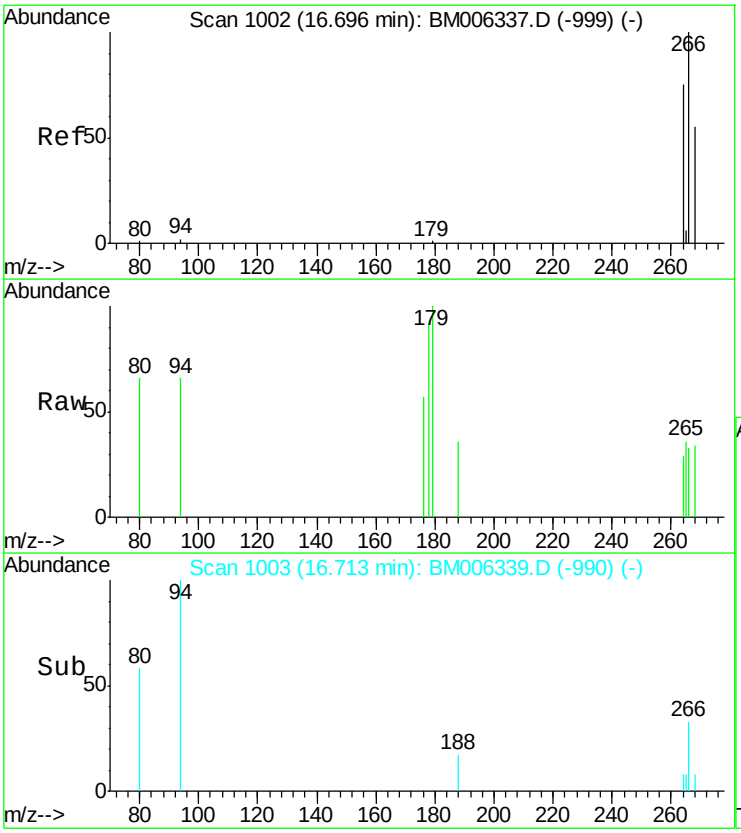
#11
Fluorene
Concen: 0.18 ng/ul
RT: 15.34 min Scan# 923
Delta R.T. -0.00 min
Lab File: BM006339.D
Acq: 08 Jul 2016 03:43

Instrument :
BNA_M
ClientSampleId :
A4TW3DL

Tgt Ion:166 Resp: 7524

Ion	Ratio	Lower	Upper
166	100		
165	104.7	69.6	104.4#
167	17.1	11.9	17.9

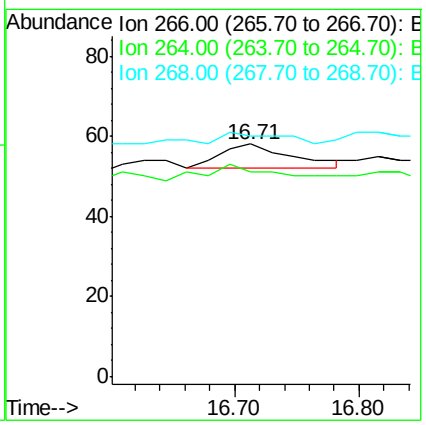


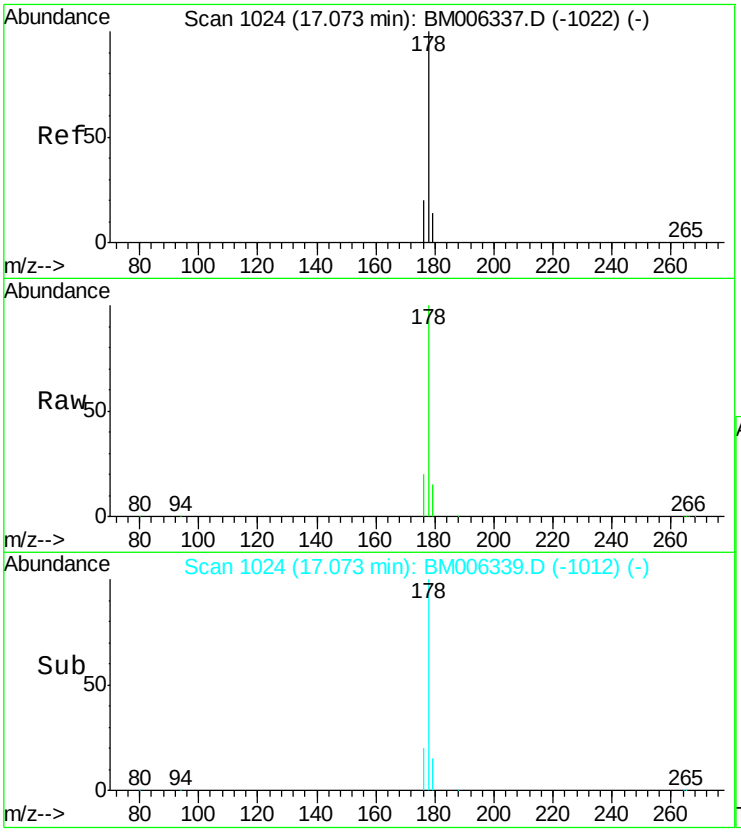


#13
Pentachlorophenol
Concen: 0.01 ng/ul
RT: 16.71 min Scan# 1003
Delta R.T. 0.02 min
Lab File: BM006339.D
Acq: 08 Jul 2016 03:43

Tgt Ion:266 Resp: 25

Ion	Ratio	Lower	Upper
266	100		
264	52.0	51.8	77.8
268	44.0	46.8	70.2#



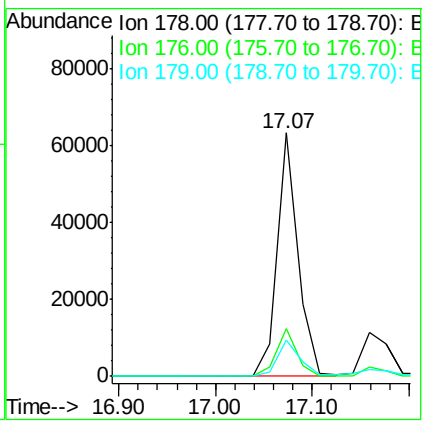


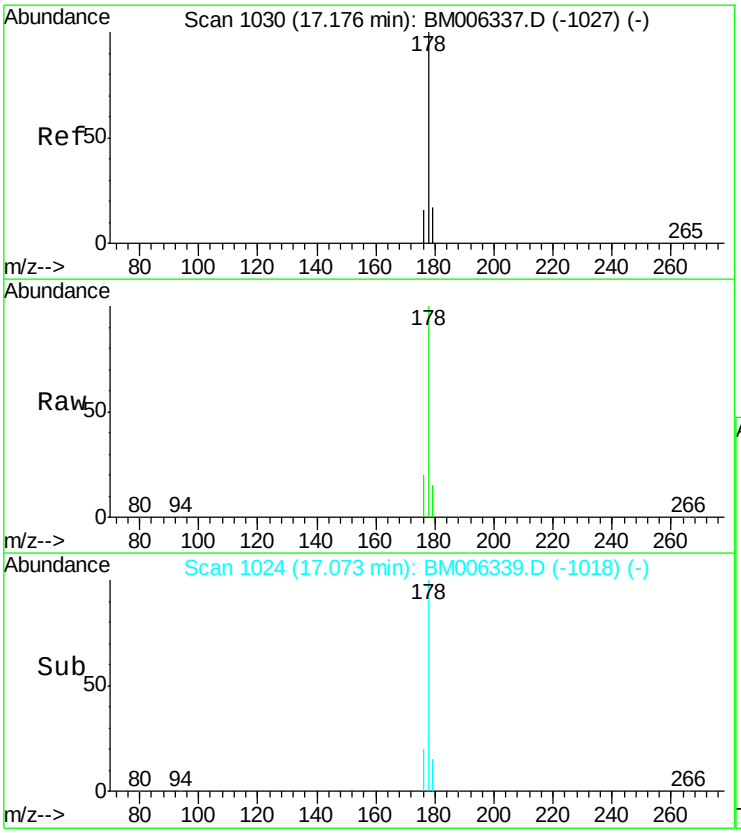
#14
Phenanthrene
Concen: 1.31 ng/ul
RT: 17.07 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BM006339.D
Acq: 08 Jul 2016 03:43

Instrument :
BNA_M
ClientSampleId :
A4TW3DL

Tgt Ion:178 Resp: 93853

Ion	Ratio	Lower	Upper
178	100		
176	19.7	13.0	19.4#
179	14.9	14.2	21.2

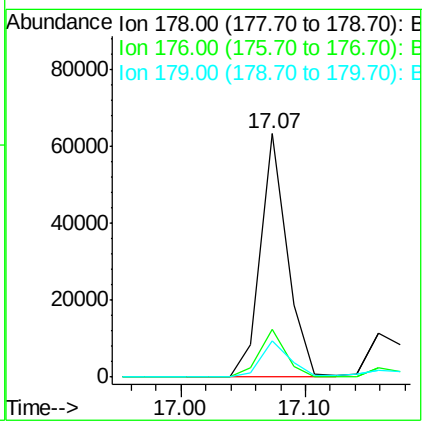


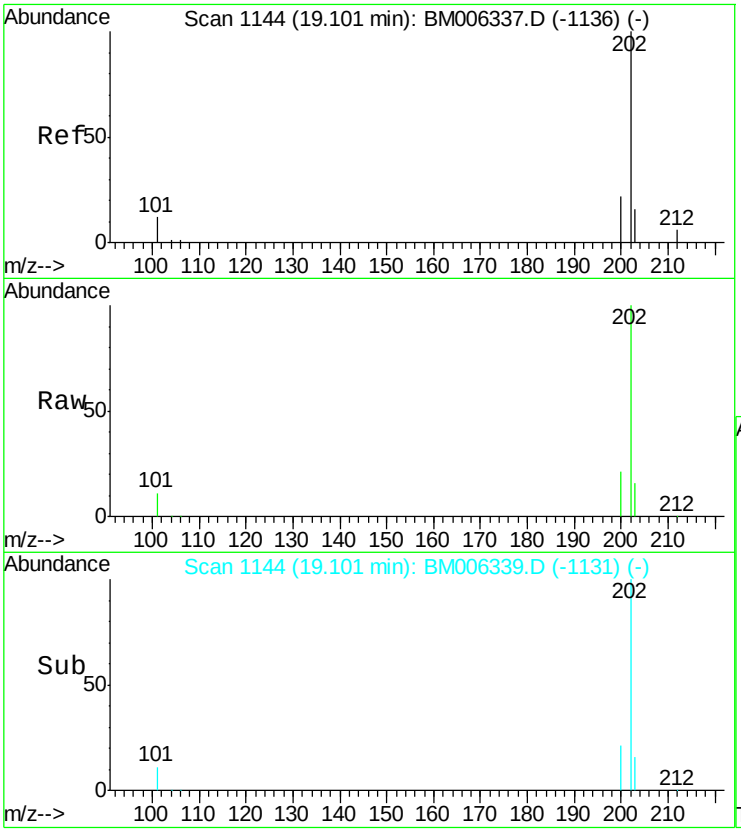


#15
Anthracene
Concen: 1.41 ng/ul
RT: 17.07 min Scan# 1024
Delta R.T. -0.10 min
Lab File: BM006339.D
Acq: 08 Jul 2016 03:43

Tgt Ion:178 Resp: 93793

Ion	Ratio	Lower	Upper
178	100		
176	19.7	14.0	21.0
179	14.9	12.9	19.3



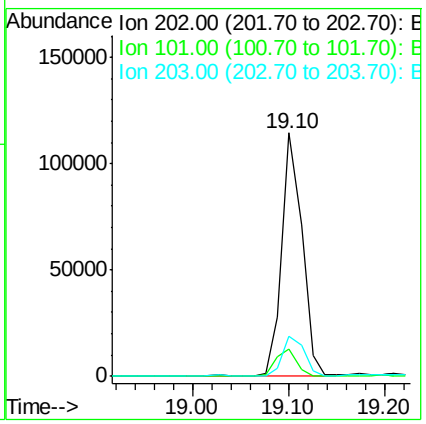


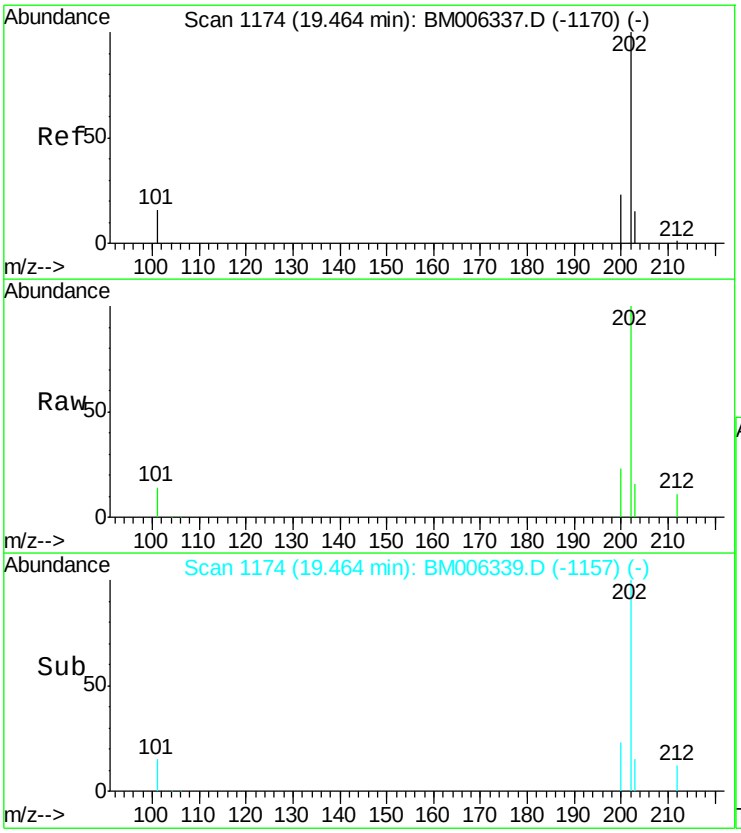
#17
Fluoranthene
Concen: 2.23 ng/ul
RT: 19.10 min Scan# 1144
Delta R.T. -0.00 min
Lab File: BM006339.D
Acq: 08 Jul 2016 03:43

Instrument :
BNA_M
ClientSampleId :
A4TW3DL

Tgt Ion:202 Resp: 176739

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	29.6
203	16.4	0.0	36.3

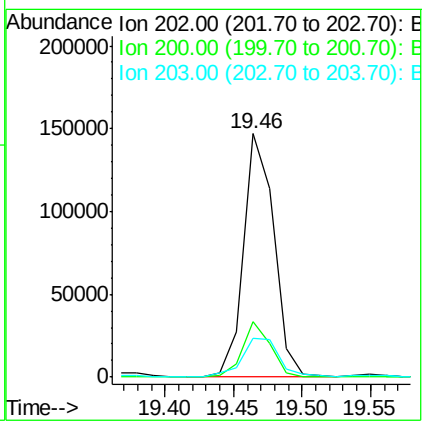


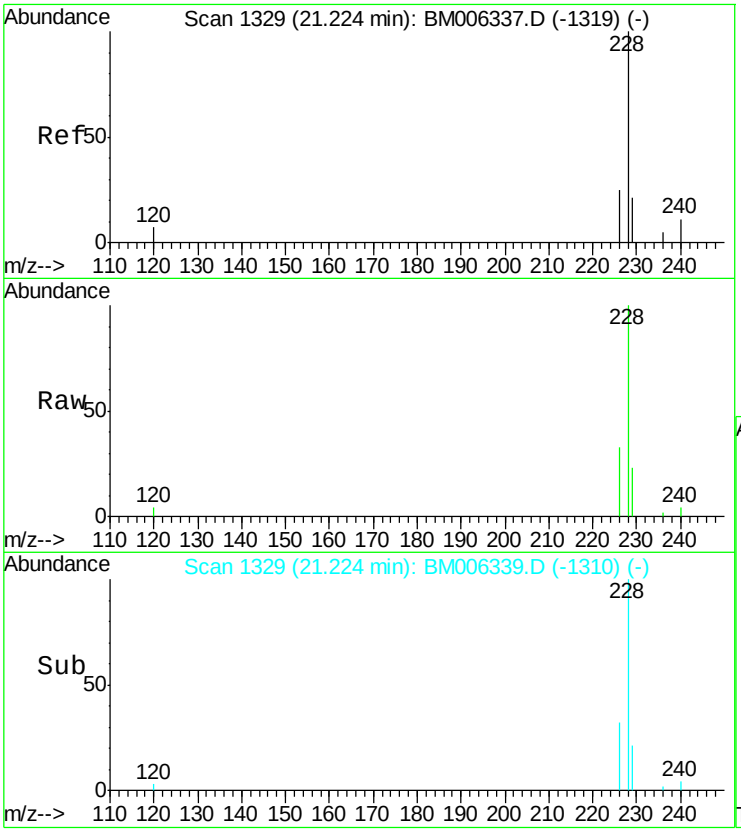


#19
Pyrene
Concen: 2.97 ng/ul
RT: 19.46 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BM006339.D
Acq: 08 Jul 2016 03:43

Tgt Ion:202 Resp: 223961

Ion	Ratio	Lower	Upper
202	100		
200	22.7	17.8	26.8
203	15.9	12.8	19.2



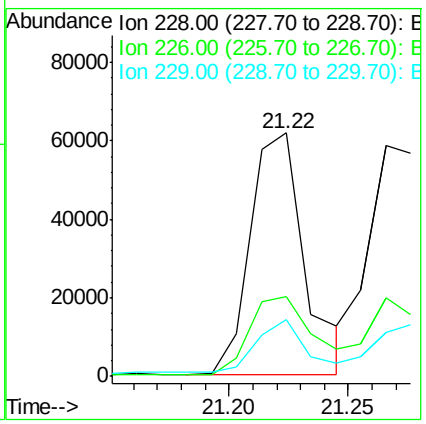


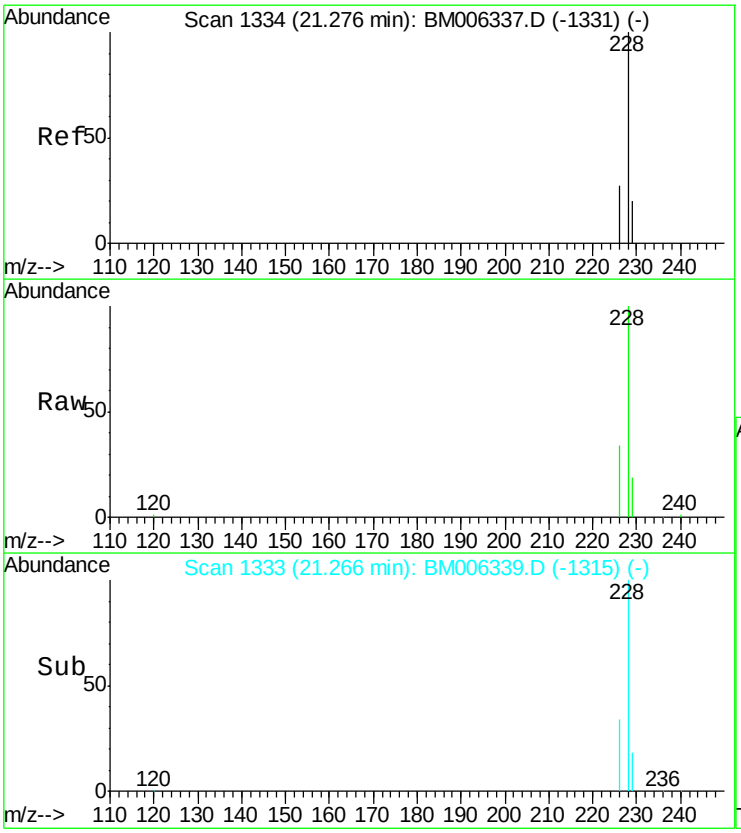
#20
Benzo(a)anthracene
Concen: 1.69 ng/ul
RT: 21.22 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BM006339.D
Acq: 08 Jul 2016 03:43

Instrument :
BNA_M
ClientSampleId :
A4TW3DL

Tgt Ion:228 Resp: 98539

Ion	Ratio	Lower	Upper
228	100		
226	32.7	18.8	28.2#
229	23.1	17.1	25.7

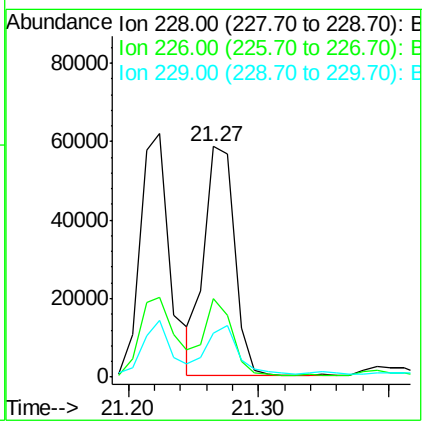


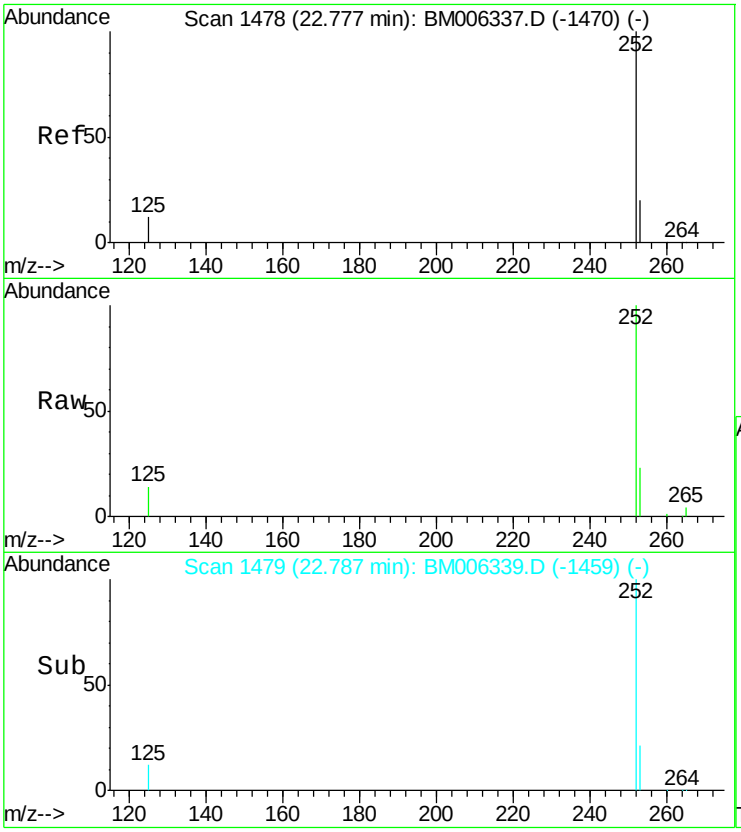


#21
Chrysene
Concen: 1.65 ng/ul
RT: 21.27 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BM006339.D
Acq: 08 Jul 2016 03:43

Tgt Ion:228 Resp: 94057

Ion	Ratio	Lower	Upper
228	100		
226	34.4	21.2	31.8#
229	19.0	17.0	25.6



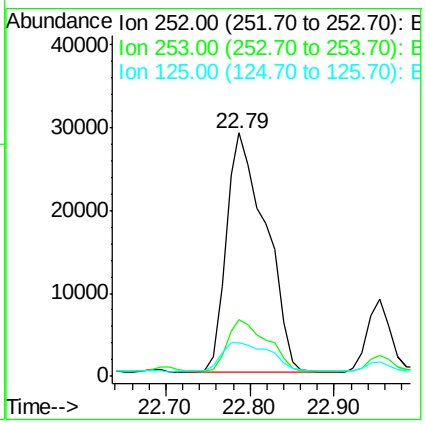


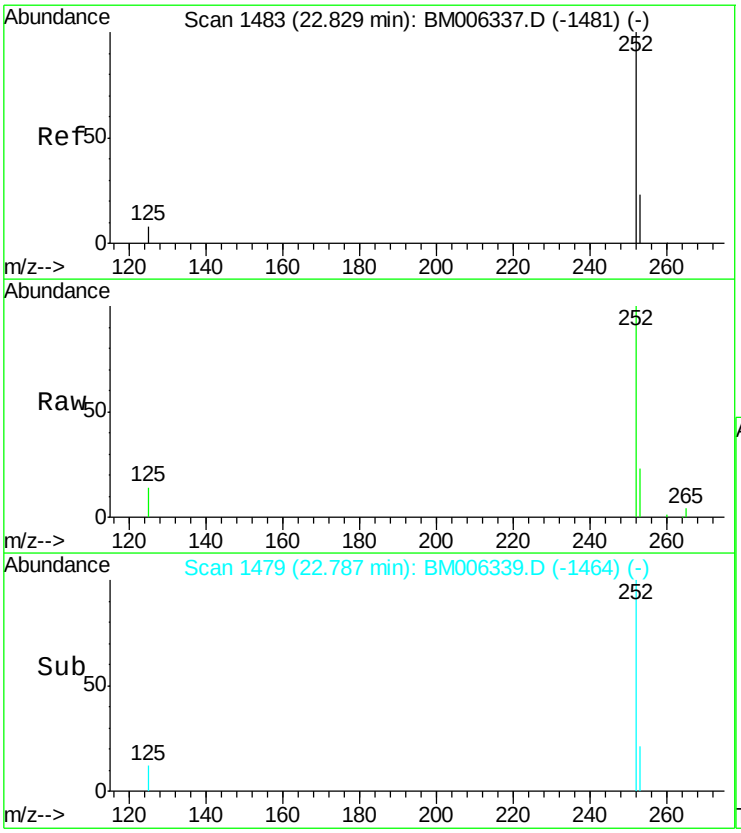
#23
Benzo(b)fluoranthene
Concen: 1.74 ng/ul
RT: 22.79 min Scan# 1479
Delta R.T. 0.01 min
Lab File: BM006339.D
Acq: 08 Jul 2016 03:43

Instrument :
BNA_M
ClientSampleId :
A4TW3DL

Tgt Ion:252 Resp: 93727

Ion	Ratio	Lower	Upper
252	100		
253	23.3	0.0	45.4
125	13.9	0.0	28.8

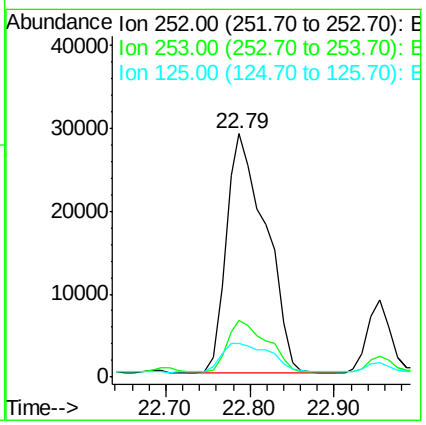


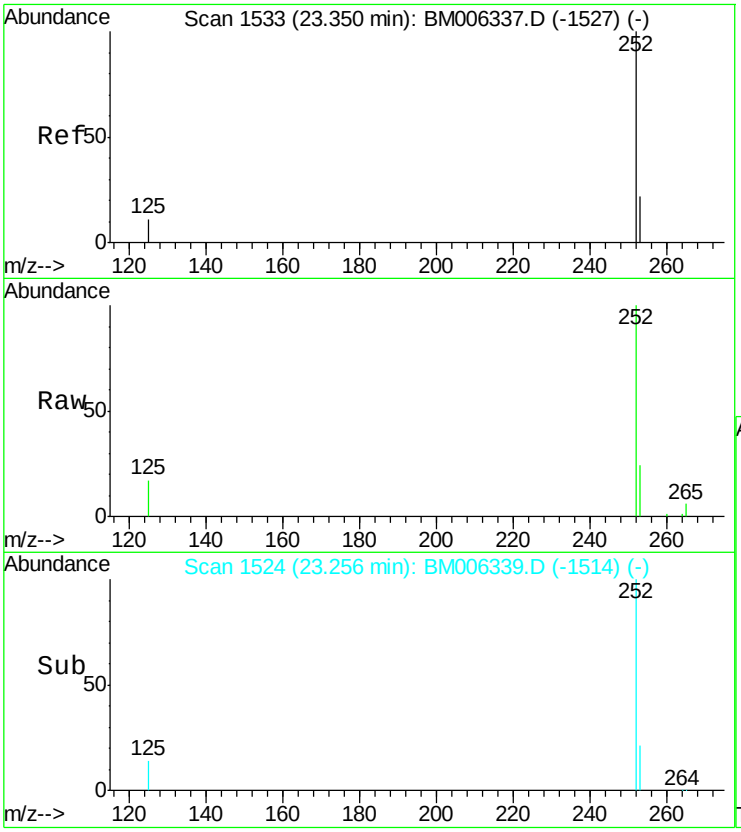


#24
Benzo(k)fluoranthene
Concen: 1.87 ng/ul
RT: 22.79 min Scan# 1479
Delta R.T. -0.04 min
Lab File: BM006339.D
Acq: 08 Jul 2016 03:43

Tgt Ion:252 Resp: 93727

Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.8	29.8
125	13.9	10.4	15.6



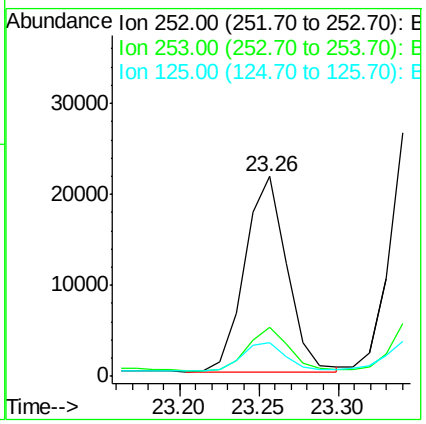


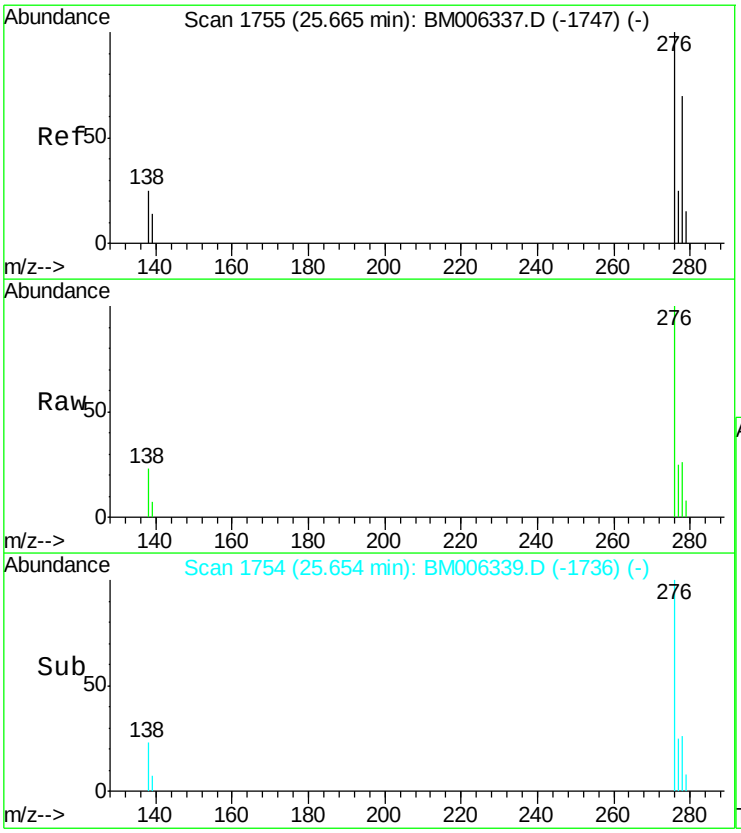
#25
Benzo(a)pyrene
Concen: 0.78 ng/ul
RT: 23.26 min Scan# 1524
Delta R.T. -0.09 min
Lab File: BM006339.D
Acq: 08 Jul 2016 03:43

Instrument :
BNA_M
ClientSampleId :
A4TW3DL

Tgt Ion:252 Resp: 39402

Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.4	29.2
125	16.6	12.7	19.1

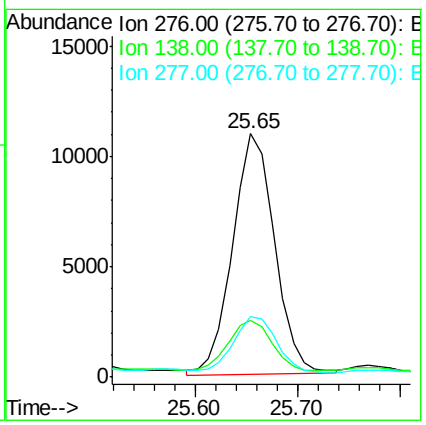


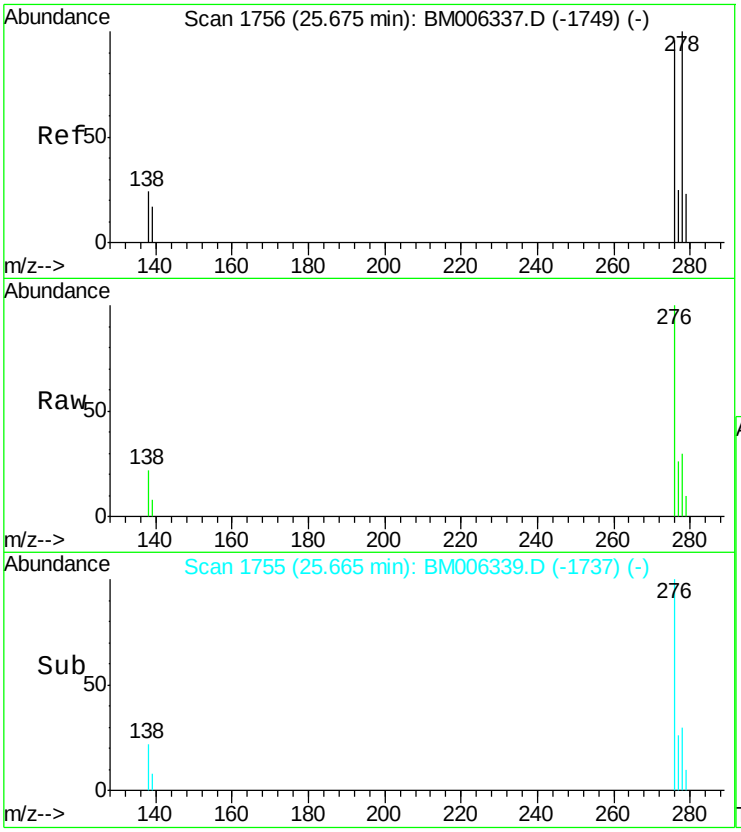


#26
Indeno(1,2,3-cd)pyrene
Concen: 0.56 ng/ul
RT: 25.65 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BM006339.D
Acq: 08 Jul 2016 03:43

Tgt Ion:276 Resp: 31406

Ion	Ratio	Lower	Upper
276	100		
138	24.8	16.3	24.5#
277	25.5	19.8	29.8



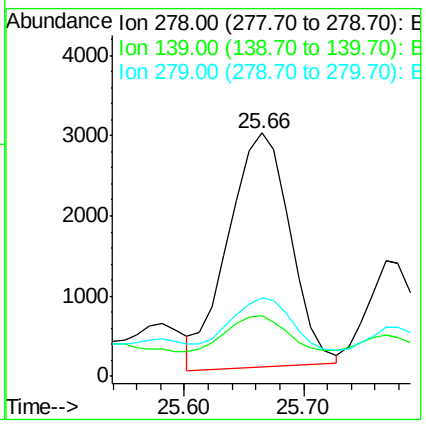


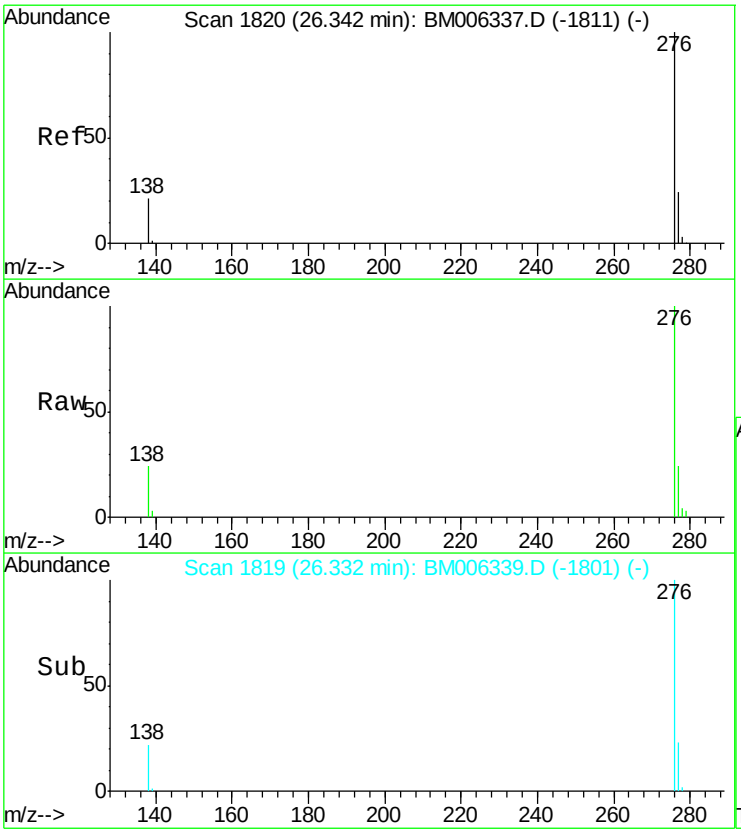
#27
Dibenzo(a,h)anthracene
Concen: 0.24 ng/ul
RT: 25.66 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BM006339.D
Acq: 08 Jul 2016 03:43

Instrument :
BNA_M
ClientSampleId :
A4TW3DL

Tgt Ion:278 Resp: 10560

Ion	Ratio	Lower	Upper
278	100		
139	25.1	16.4	24.6#
279	32.4	20.2	30.2#





#28
Benzo(g,h,i)perylene
Concen: 0.61 ng/ul
RT: 26.33 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BM006339.D
Acq: 08 Jul 2016 03:43

Tgt Ion:276 Resp: 28793

Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.9	28.3
138	24.5	22.5	33.7