Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032416\
Data File : BM004751.D
Acq On : 24 Mar 2016 10:50
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD0.466

Quant Time: Mar 25 02:27:28 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 23 06:08:08 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1164	5.00	ng/ul	0.00
4) Naphthalene-d8	10.62	136	4810	5.00	ng/ul	0.00
8) Acenaphthene-d10	14.47	164	2289	5.00	ng/ul	0.00
12) Phenanthrene-d10	17.21	188	4690	5.00	ng/ul	0.00
18) Chrysene-d12	21.40	240	3680	5.00	ng/ul	0.00
22) Perylene-d12	23.69	264	2747	5.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.32	96	1291	2.29	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.22	152	2388	0.44	ng/ul	0.00
16) Fluoranthene-d10	19.24	212	3828	0.40	ng/ul	0.00
Target Compounds						Qvalue
3) 1,4-Dioxane	3.35	88	1546	2.25	ng/ul#	22
5) Naphthalene	10.67	128	4851	0.43	ng/ul#	95
7) 2-Methylnaphthalene	12.28	142	3140	0.44	ng/ul	99
9) Acenaphthylene	14.18	152	3585	0.43	ng/ul#	96
10) Acenaphthene	14.52	153	3194	0.42	ng/ul	87
11) Fluorene	15.51	166	3378	0.42	ng/ul	87
13) Pentachlorophenol	16.87	266	270	0.43	ng/ul	95
14) Phenanthrene	17.24	178	5340	0.41	ng/ul#	94
15) Anthracene	17.24	178	5332	0.51	ng/ul	96
17) Fluoranthene	19.27	202	5426	0.41	ng/ul	94
19) Pyrene	19.63	202	5483	0.43	ng/ul	97
20) Benzo(a)anthracene	21.38	228	3672	0.42	ng/ul#	92
21) Chrysene	21.38	228	3672	0.31	ng/ul	95
23) Benzo(b)fluoranthene	22.99	252	3986	0.41	ng/ul	93
24) Benzo(k)fluoranthene	23.04	252	4172	0.42	ng/ul#	93
25) Benzo(a)pyrene	23.59	252	3452	0.42	ng/ul#	89
26) Indeno(1,2,3-cd)pyrene	26.02	276	3734	0.41	ng/ul#	82
27) Dibenzo(a,h)anthracene	26.04	278	2865	0.41	ng/ul#	86
28) Benzo(g,h,i)perylene	26.72	276	3503	0.41	ng/ul#	89

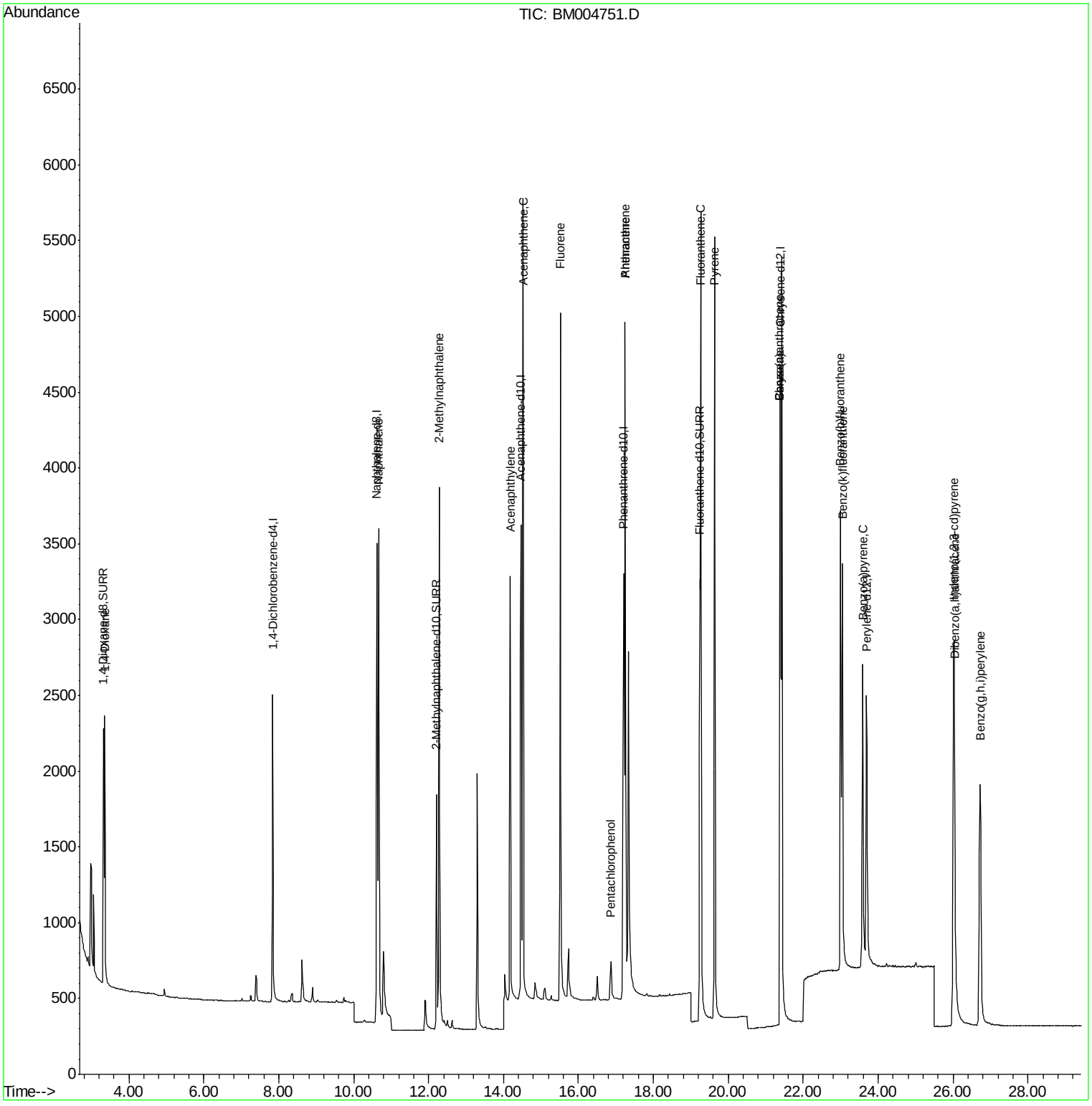
(#) = qualifier out of range (m) = manual integration (+) = signals summed

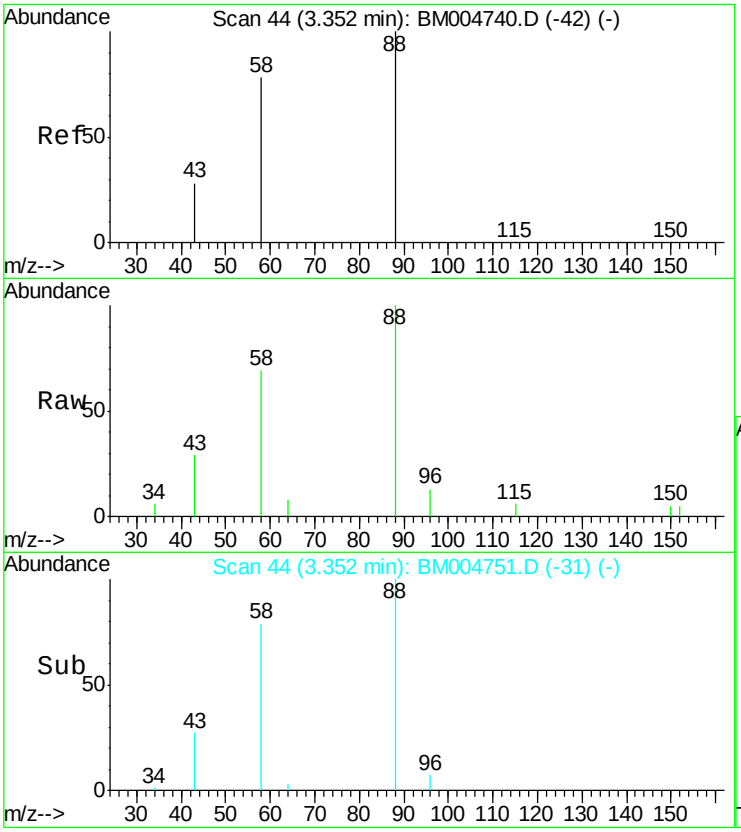
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032416\
Data File : BM004751.D
Acq On : 24 Mar 2016 10:50
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.466

Quant Time: Mar 25 02:27:28 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 23 06:08:08 2016
Response via : Initial Calibration



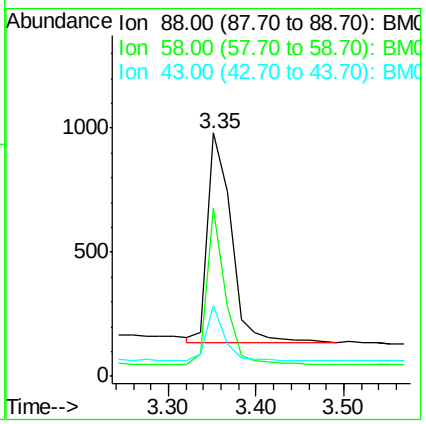


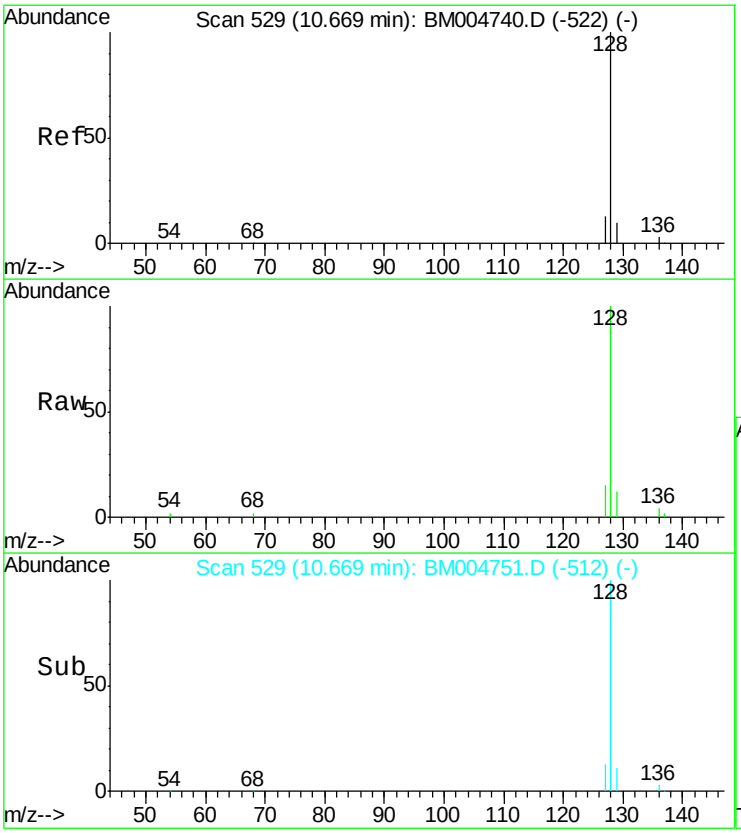
#3
1,4-Dioxane
Concen: 2.25 ng/ul
RT: 3.35 min Scan# 44
Delta R.T. 0.00 min
Lab File: BM004751.D
Acq: 24 Mar 2016 10:50

Instrument :
BNA_M
ClientSampleId :
SSTD0.466

Tgt Ion: 88 Resp: 1546

Ion	Ratio	Lower	Upper
88	100		
58	57.6	8.0	12.0#
43	20.4	8.0	12.0#

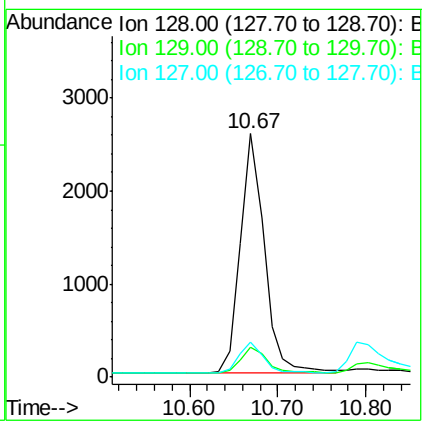


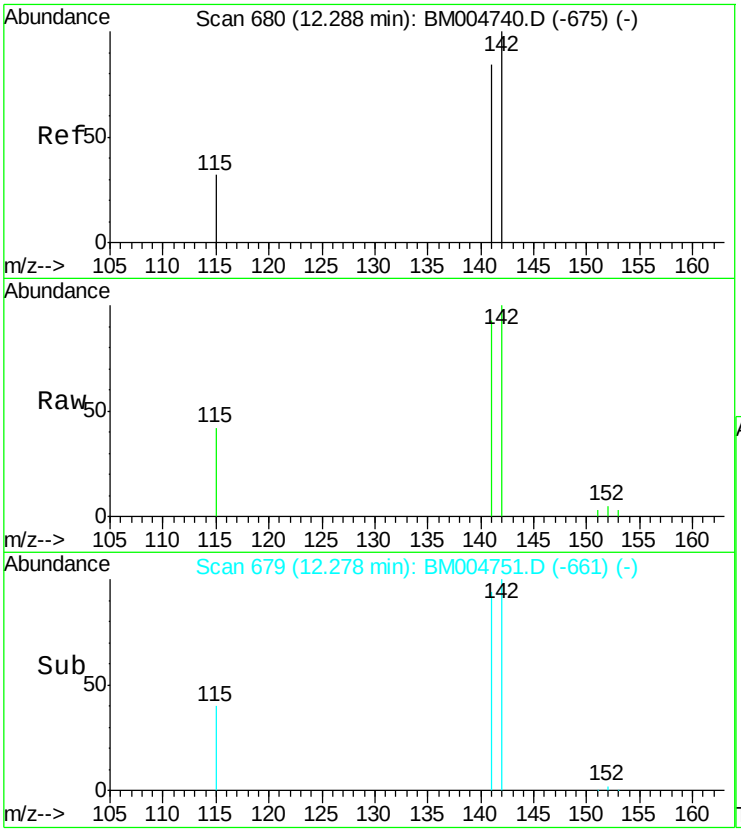


#5
Naphthalene
Concen: 0.43 ng/ul
RT: 10.67 min Scan# 529
Delta R.T. 0.00 min
Lab File: BM004751.D
Acq: 24 Mar 2016 10:50

Tgt Ion:128 Resp: 4851

Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.0	13.6
127	14.5	9.6	14.4#



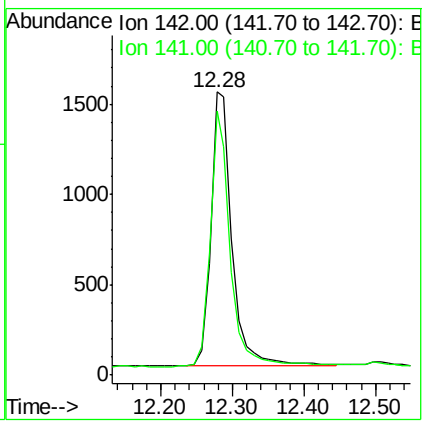


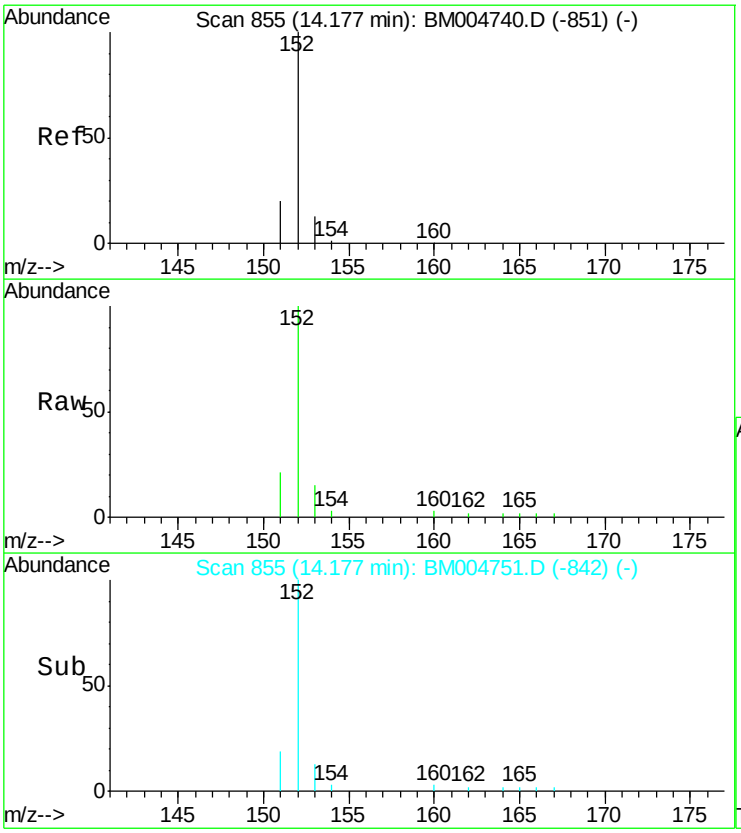
#7
2-Methylnaphthalene
Concen: 0.44 ng/ul
RT: 12.28 min Scan# 679
Delta R.T. -0.01 min
Lab File: BM004751.D
Acq: 24 Mar 2016 10:50

Instrument :
BNA_M
ClientSampleId :
SSTD0.466

Tgt Ion:142 Resp: 3140

Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.3	105.5

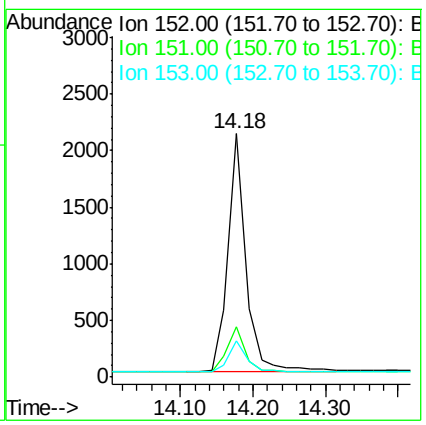


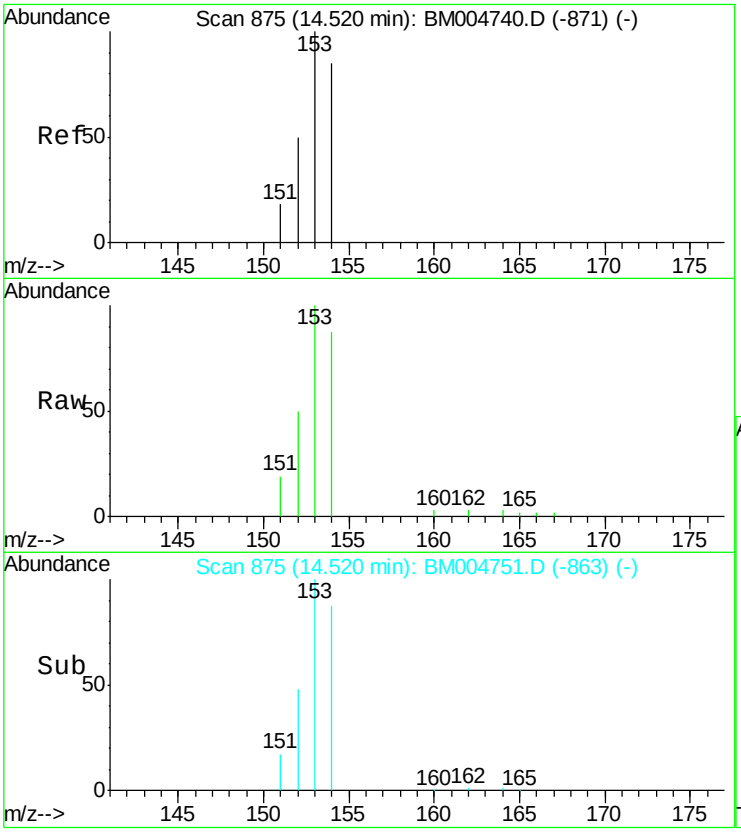


#9
Acenaphthylene
Concen: 0.43 ng/ul
RT: 14.18 min Scan# 855
Delta R.T. 0.00 min
Lab File: BM004751.D
Acq: 24 Mar 2016 10:50

Tgt Ion:152 Resp: 3585

Ion	Ratio	Lower	Upper
152	100		
151	20.8	17.6	26.4
153	14.9	9.7	14.5#



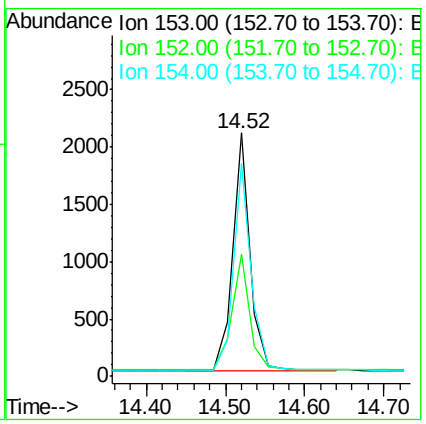


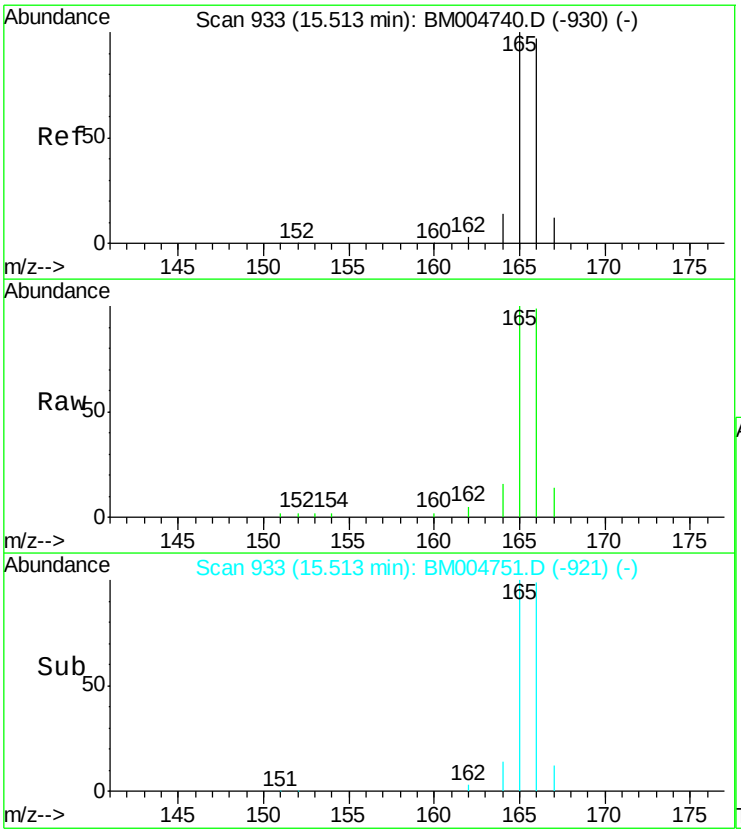
#10
Acenaphthene
Concen: 0.42 ng/ul
RT: 14.52 min Scan# 875
Delta R.T. 0.00 min
Lab File: BM004751.D
Acq: 24 Mar 2016 10:50

Instrument :
BNA_M
ClientSampleId :
SSTD0.466

Tgt Ion:153 Resp: 3194

Ion	Ratio	Lower	Upper
153	100		
152	50.3	33.9	50.9
154	87.2	80.6	121.0

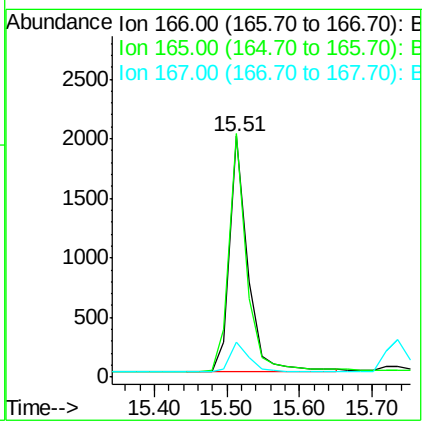


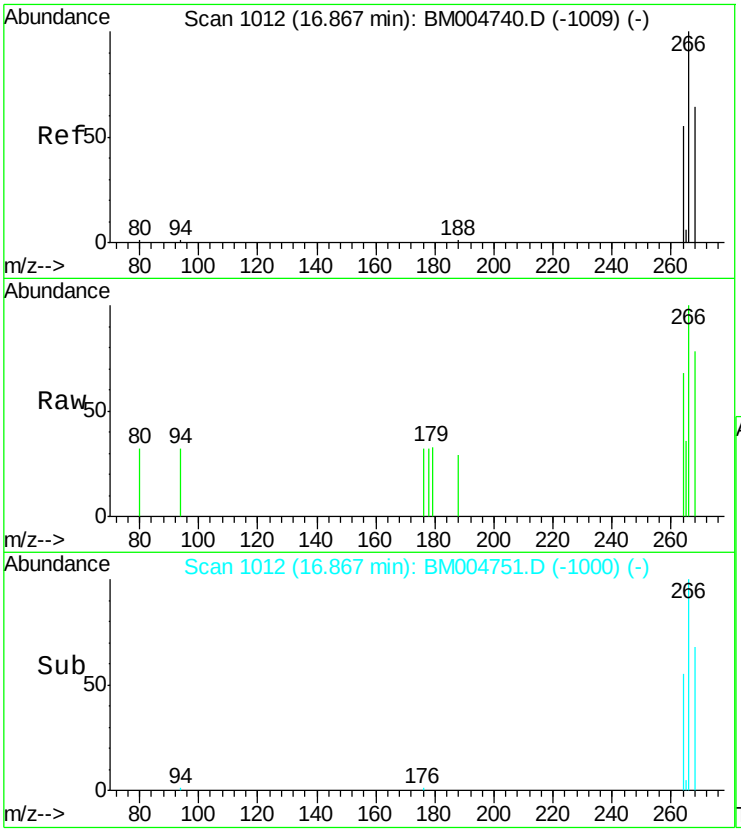


#11
Fluorene
Concen: 0.42 ng/ul
RT: 15.51 min Scan# 933
Delta R.T. 0.00 min
Lab File: BM004751.D
Acq: 24 Mar 2016 10:50

Tgt Ion:166 Resp: 3378

Ion	Ratio	Lower	Upper
166	100		
165	101.1	69.6	104.4
167	14.5	11.9	17.9



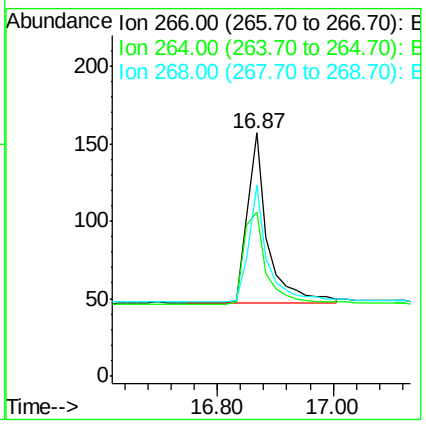


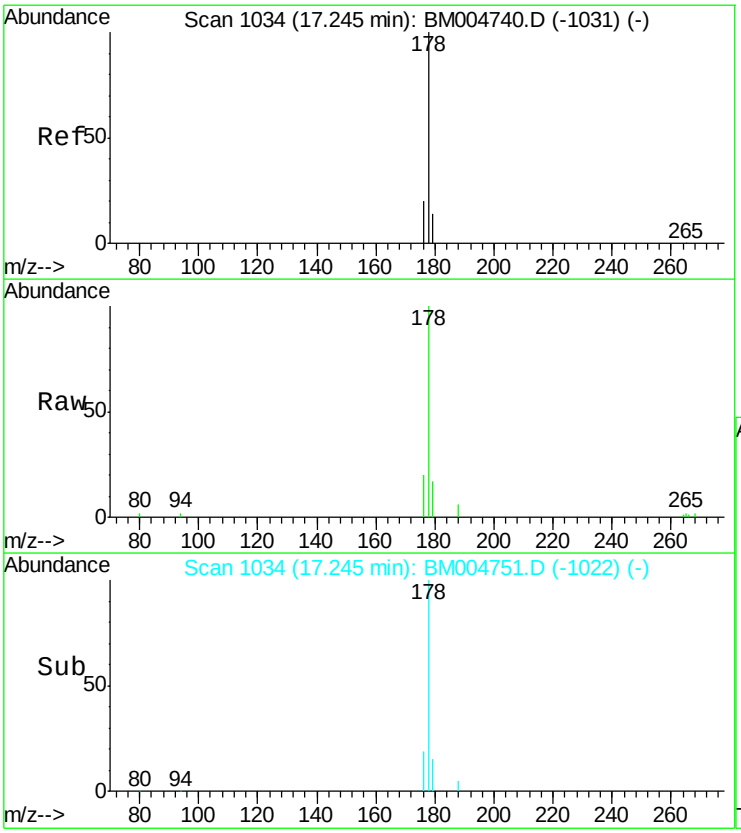
#13
Pentachlorophenol
Concen: 0.43 ng/ul
RT: 16.87 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BM004751.D
Acq: 24 Mar 2016 10:50

Instrument :
BNA_M
ClientSampleId :
SSTD0.466

Tgt Ion:266 Resp: 270

Ion	Ratio	Lower	Upper
266	100		
264	61.5	51.8	77.8
268	62.2	46.8	70.2

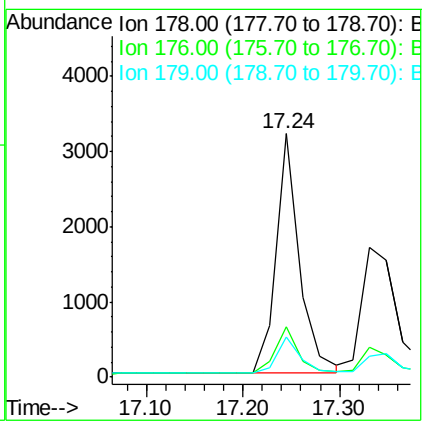


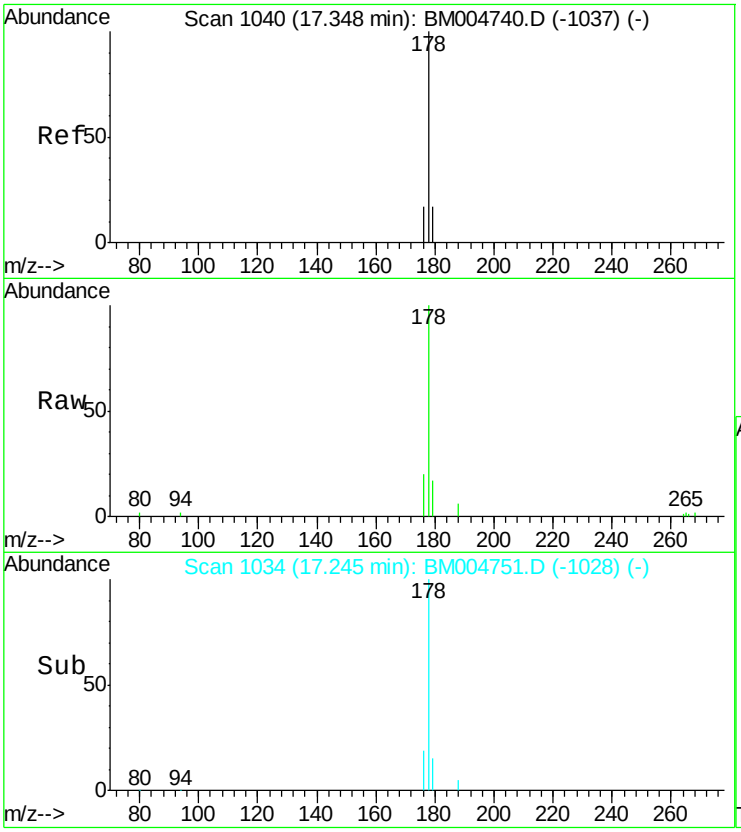


#14
Phenanthrene
Concen: 0.41 ng/ul
RT: 17.24 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BM004751.D
Acq: 24 Mar 2016 10:50

Tgt Ion:178 Resp: 5340

Ion	Ratio	Lower	Upper
178	100		
176	20.4	13.0	19.4#
179	16.6	14.2	21.2



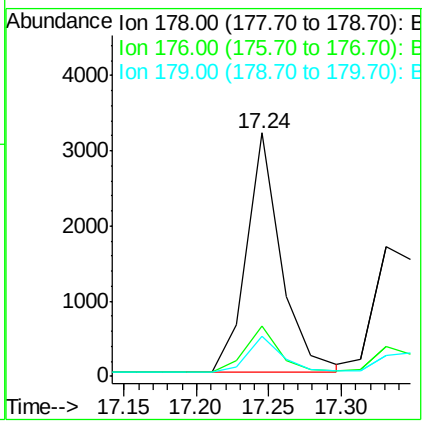


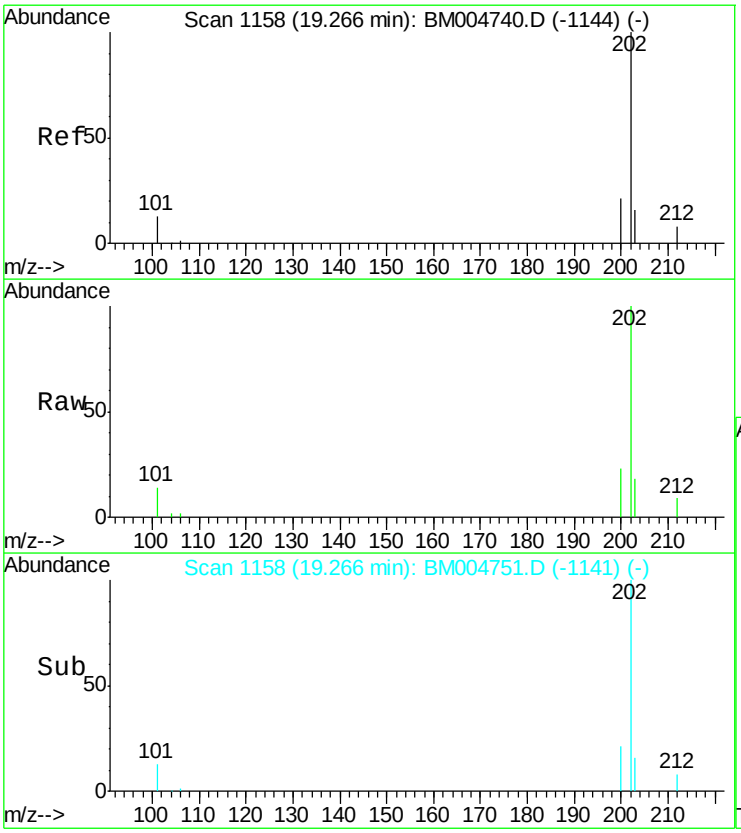
#15
Anthracene
Concen: 0.51 ng/ul
RT: 17.24 min Scan# 1034
Delta R.T. -0.10 min
Lab File: BM004751.D
Acq: 24 Mar 2016 10:50

Instrument :
BNA_M
ClientSampleId :
SSTD0.466

Tgt Ion:178 Resp: 5332

Ion	Ratio	Lower	Upper
178	100		
176	20.4	14.0	21.0
179	16.6	12.9	19.3

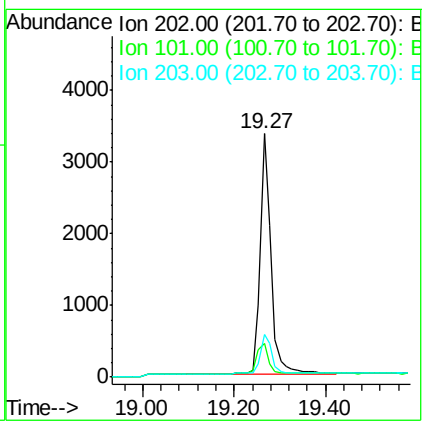


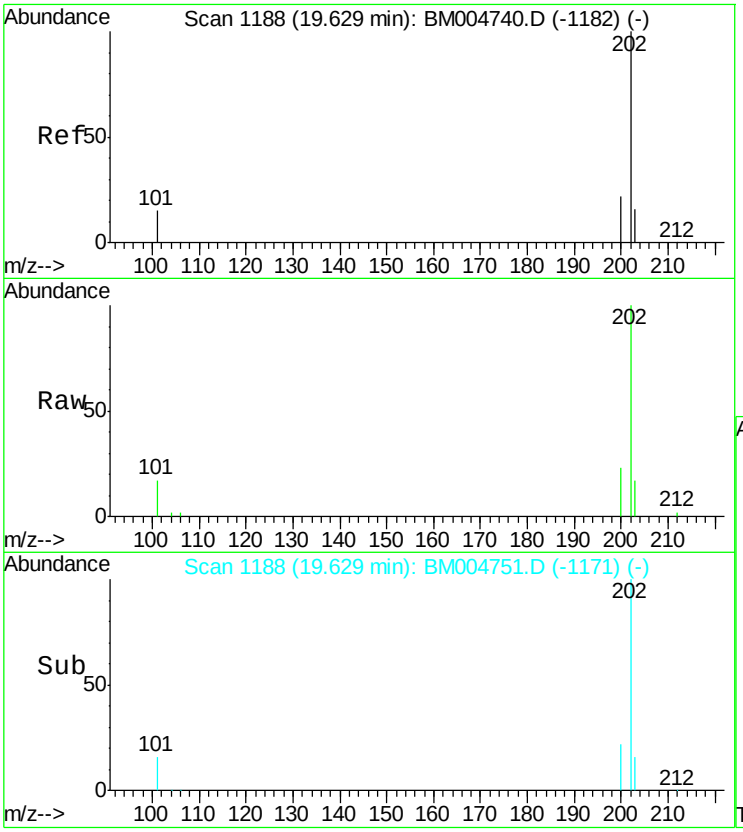


#17
Fluoranthene
Concen: 0.41 ng/ul
RT: 19.27 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BM004751.D
Acq: 24 Mar 2016 10:50

Tgt Ion:202 Resp: 5426

Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	29.6
203	17.6	0.0	36.3



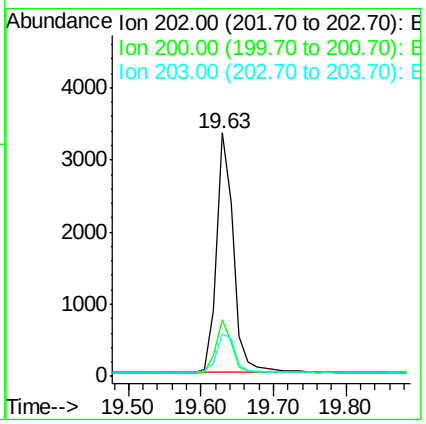


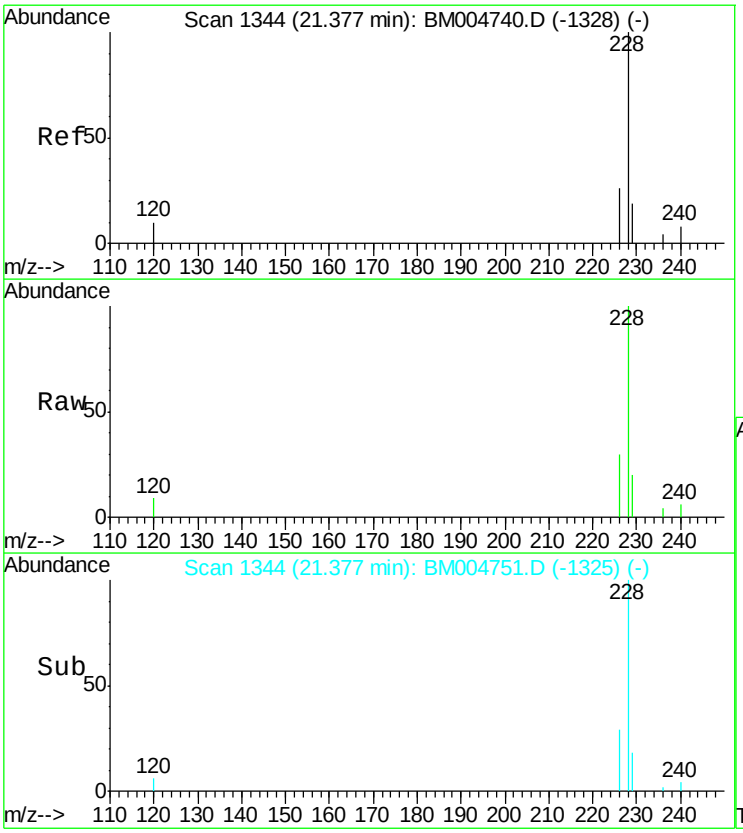
#19
Pyrene
Concen: 0.43 ng/ul
RT: 19.63 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BM004751.D
Acq: 24 Mar 2016 10:50

Instrument :
BNA_M
ClientSampleId :
SSTD0.466

Tgt Ion:202 Resp: 5483

Ion	Ratio	Lower	Upper
202	100		
200	23.4	17.8	26.8
203	17.5	12.8	19.2

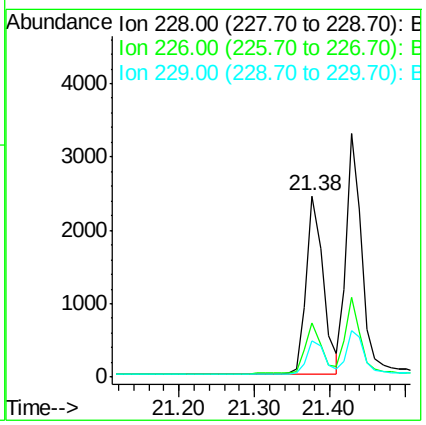


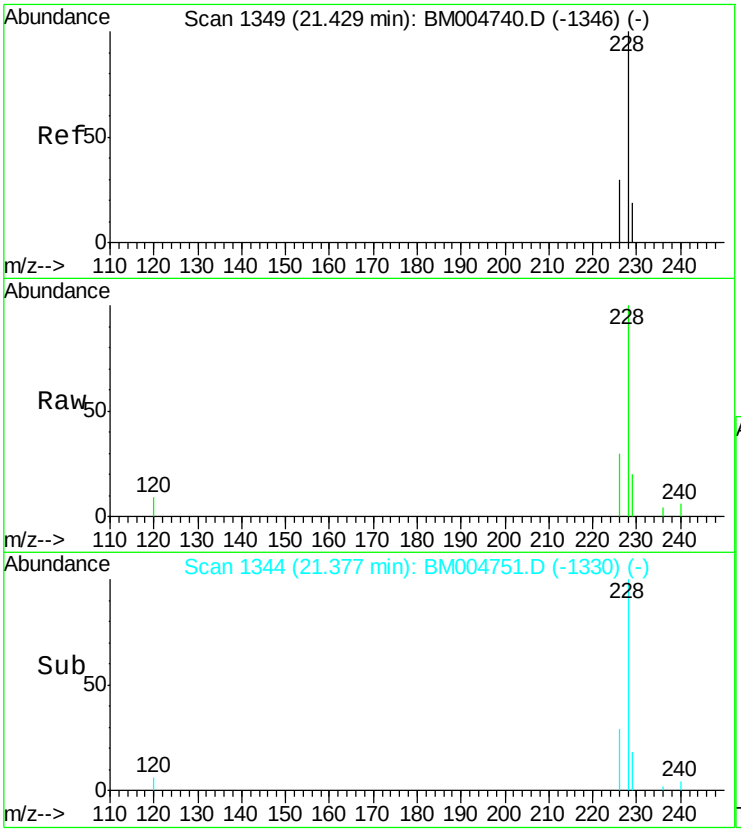


#20
Benzo(a)anthracene
Concen: 0.42 ng/ul
RT: 21.38 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BM004751.D
Acq: 24 Mar 2016 10:50

Tgt Ion:228 Resp: 3672

Ion	Ratio	Lower	Upper
228	100		
226	30.0	18.8	28.2#
229	20.0	17.1	25.7



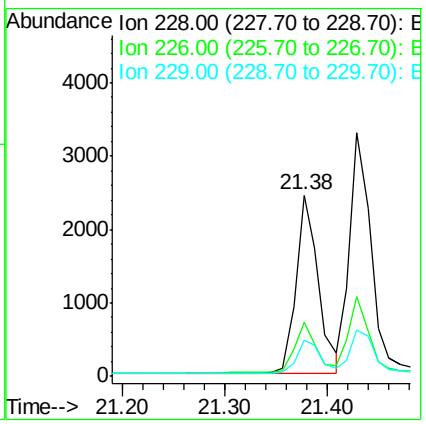


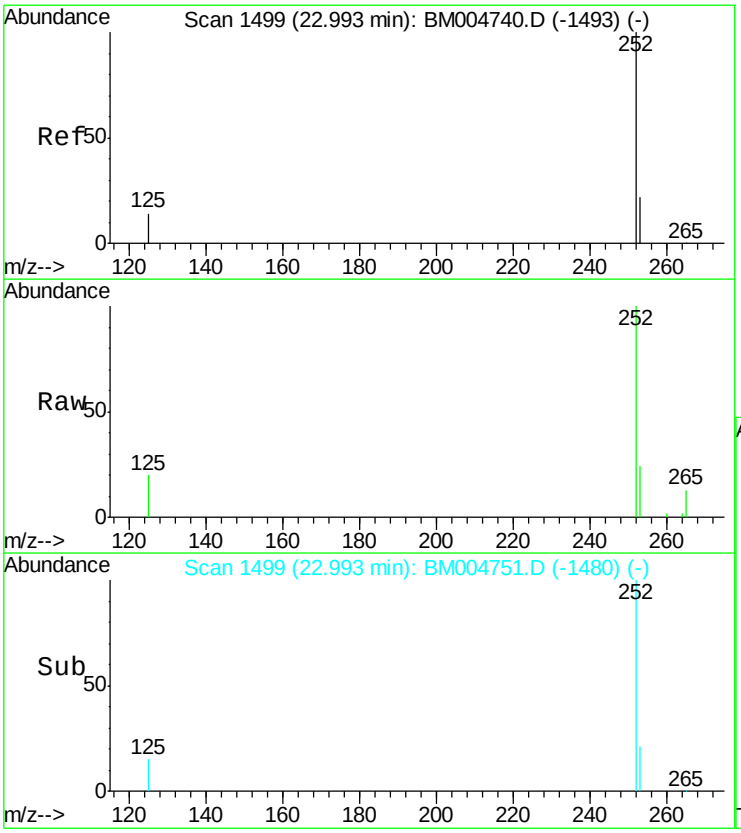
#21
Chrysene
Concen: 0.31 ng/ul
RT: 21.38 min Scan# 1344
Delta R.T. -0.05 min
Lab File: BM004751.D
Acq: 24 Mar 2016 10:50

Instrument :
BNA_M
ClientSampleId :
SSTD0.466

Tgt Ion:228 Resp: 3672

Ion	Ratio	Lower	Upper
228	100		
226	30.0	21.2	31.8
229	20.0	17.0	25.6

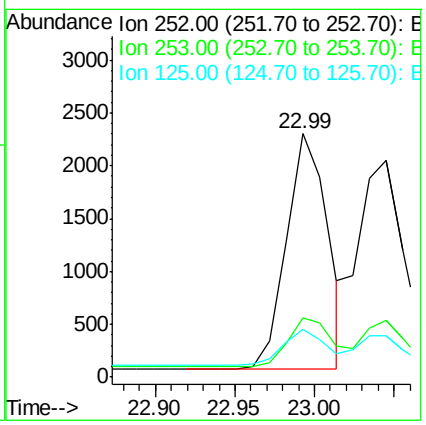


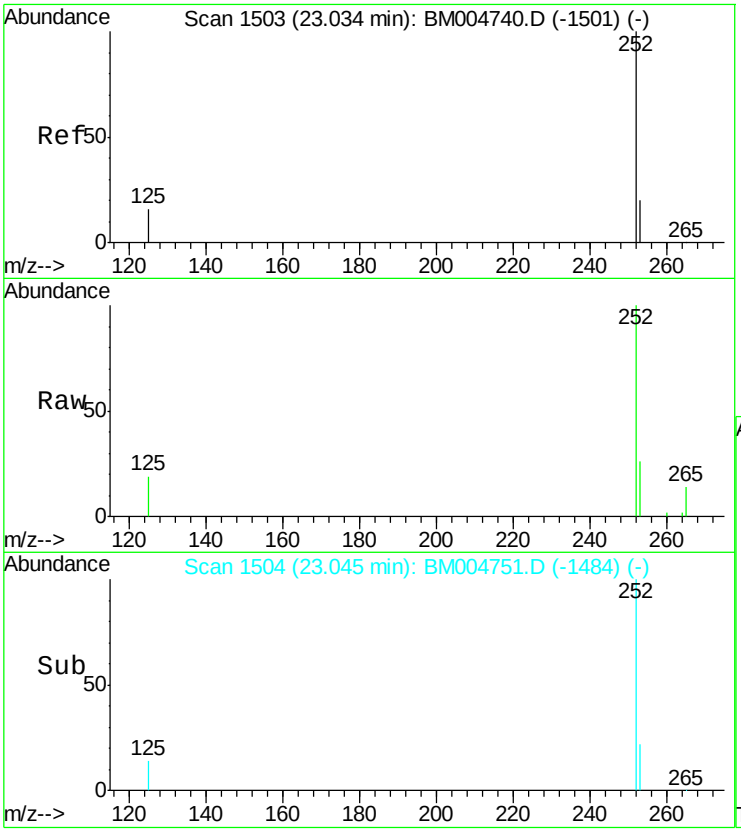


#23
Benzo(b)fluoranthene
Concen: 0.41 ng/ul
RT: 22.99 min Scan# 1499
Delta R.T. 0.00 min
Lab File: BM004751.D
Acq: 24 Mar 2016 10:50

Tgt Ion:252 Resp: 3986

Ion	Ratio	Lower	Upper
252	100		
253	24.3	0.0	45.4
125	19.7	0.0	28.8



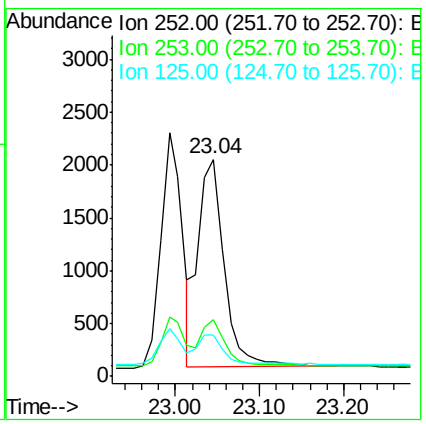


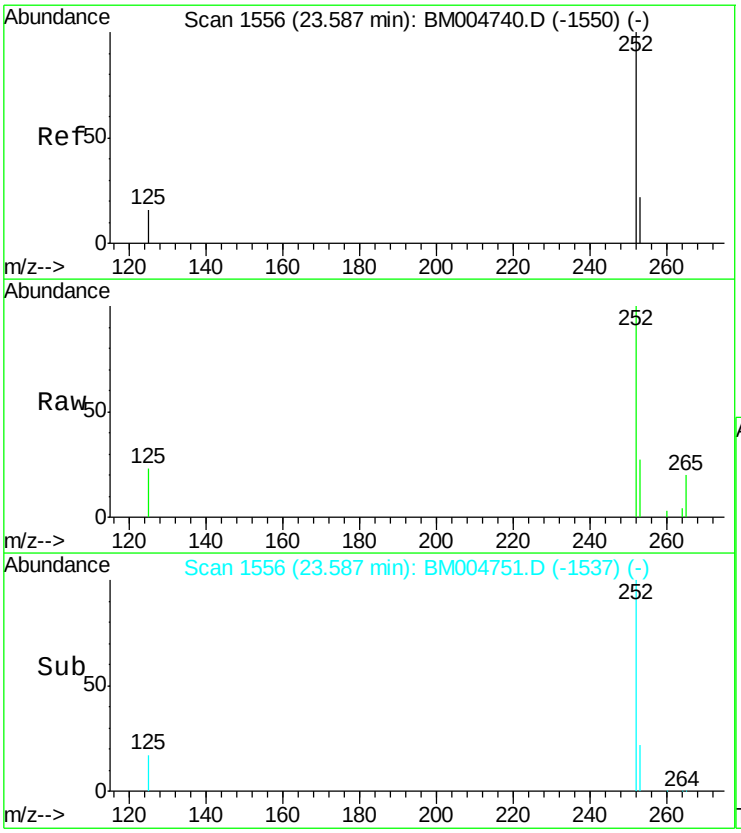
#24
Benzo(k)fluoranthene
Concen: 0.42 ng/ul
RT: 23.04 min Scan# 1504
Delta R.T. 0.01 min
Lab File: BM004751.D
Acq: 24 Mar 2016 10:50

Instrument :
BNA_M
ClientSampleId :
SSTD0.466

Tgt Ion:252 Resp: 4172

Ion	Ratio	Lower	Upper
252	100		
253	26.1	19.8	29.8
125	18.9	10.4	15.6#

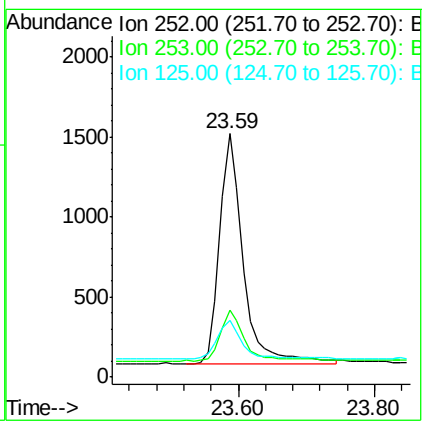


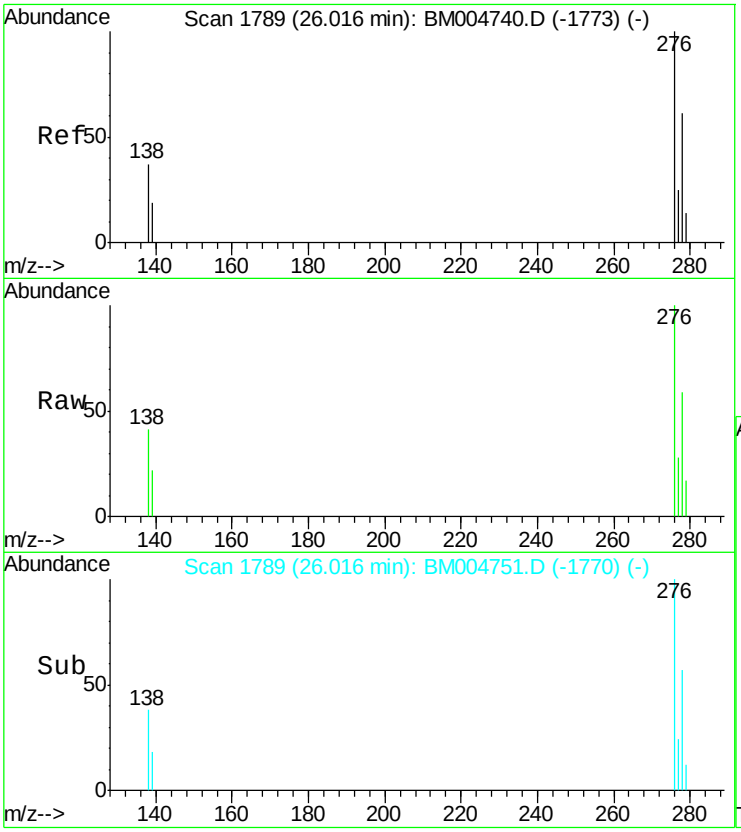


#25
Benzo(a)pyrene
Concen: 0.42 ng/ul
RT: 23.59 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BM004751.D
Acq: 24 Mar 2016 10:50

Tgt Ion:252 Resp: 3452

Ion	Ratio	Lower	Upper
252	100		
253	27.3	19.4	29.2
125	23.3	12.7	19.1#



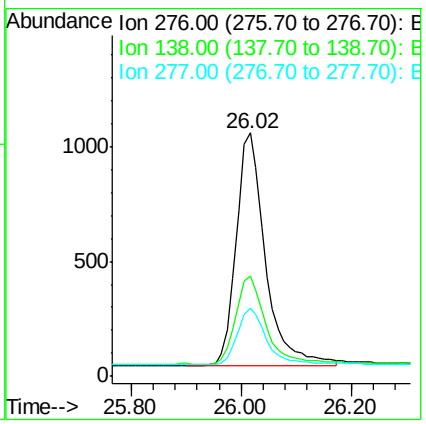


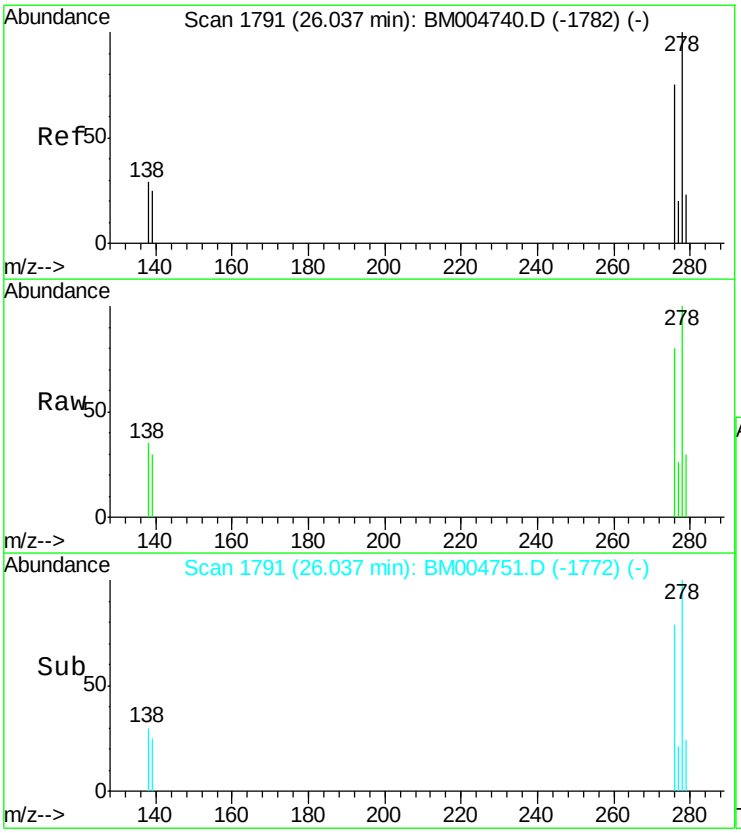
#26
Indeno(1,2,3-cd)pyrene
Concen: 0.41 ng/ul
RT: 26.02 min Scan# 1789
Delta R.T. 0.00 min
Lab File: BM004751.D
Acq: 24 Mar 2016 10:50

Instrument :
BNA_M
ClientSampleId :
SSTD0.466

Tgt Ion:276 Resp: 3734

Ion	Ratio	Lower	Upper
276	100		
138	38.9	16.3	24.5#
277	24.5	19.8	29.8

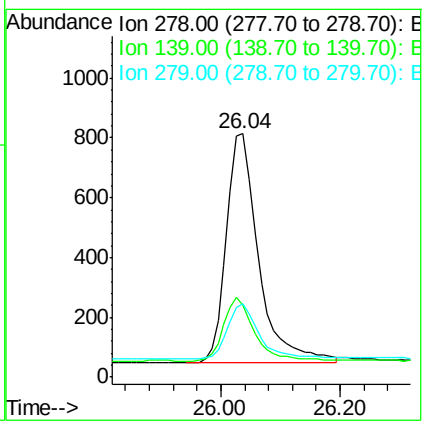


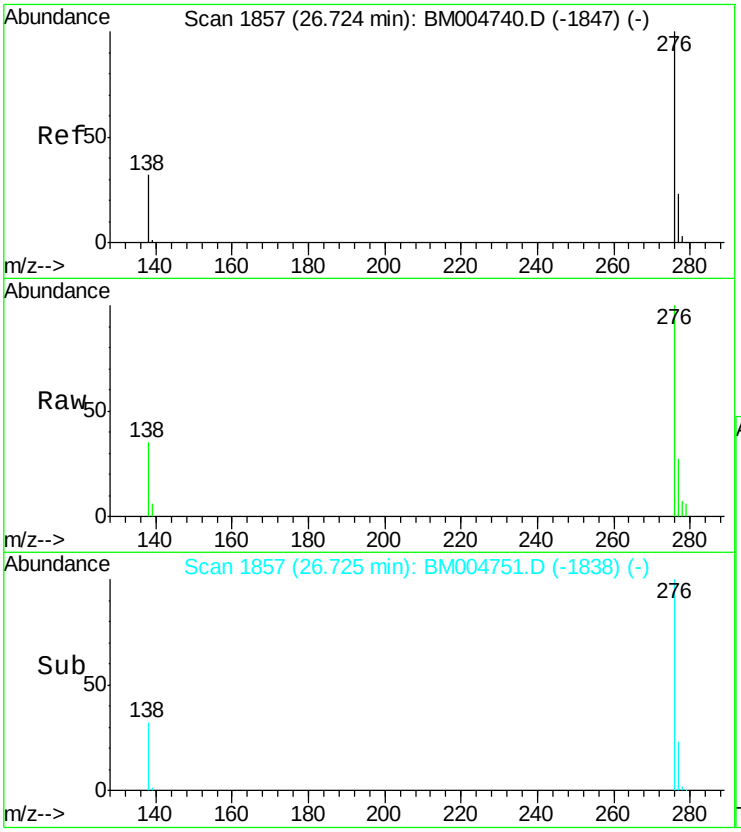


#27
Dibenzo(a,h)anthracene
Concen: 0.41 ng/ul
RT: 26.04 min Scan# 1791
Delta R.T. 0.00 min
Lab File: BM004751.D
Acq: 24 Mar 2016 10:50

Tgt Ion:278 Resp: 2865

Ion	Ratio	Lower	Upper
278	100		
139	29.6	16.4	24.6#
279	30.3	20.2	30.2#





#28
Benzo(g,h,i)perylene
Concen: 0.41 ng/ul
RT: 26.72 min Scan# 1857
Delta R.T. 0.00 min
Lab File: BM004751.D
Acq: 24 Mar 2016 10:50

Instrument :
BNA_M
ClientSampleId :
SSTD0.466

Tgt Ion:276 Resp: 3503

Ion	Ratio	Lower	Upper
276	100		
277	27.1	18.9	28.3
138	35.5	22.5	33.7#