Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040816\
Data File : BM004930.D
Acq On : 08 Apr 2016 14:31
Operator : UM/SJ
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD0.438

Quant Time: Apr 09 01:21:36 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 09 01:17:35 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1271	0.40	ng/ul	0.02
4) Naphthalene-d8	10.61	136	5208	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.45	164	2927	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.19	188	6994	0.40	ng/ul	0.00
18) Chrysene-d12	21.39	240	7935	0.40	ng/ul	0.00
22) Perylene-d12	23.68	264	6811	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.32	96	1226	2.14	ng/uL	0.02
6) 2-Methylnaphthalene-d10	12.21	152	2622	0.36	ng/ul	0.00
16) Fluoranthene-d10	19.23	212	6816	0.41	ng/ul	0.00
Target Compounds						Qvalue
3) 1,4-Dioxane	3.35	88	1434	2.06	ng/ul#	21
5) Naphthalene	10.66	128	5005	0.40	ng/ul#	95
7) 2-Methylnaphthalene	12.28	142	3469	0.38	ng/ul	98
9) Acenaphthylene	14.18	152	4899	0.36	ng/ul#	91
10) Acenaphthene	14.52	153	3963	0.42	ng/ul	98
11) Fluorene	15.51	166	4652	0.41	ng/ul	98
13) Pentachlorophenol	16.85	266	465	0.27	ng/ul	94
14) Phenanthrene	17.24	178	8089	0.41	ng/ul	98
15) Anthracene	17.33	178	7042	0.38	ng/ul	98
17) Fluoranthene	19.27	202	9533	0.43	ng/ul	93
19) Pyrene	19.63	202	9898	0.36	ng/ul#	93
20) Benzo(a)anthracene	21.37	228	9024	0.37	ng/ul#	90
21) Chrysene	21.37	228	9024	0.38	ng/ul	94
23) Benzo(b)fluoranthene	22.98	252	9073	0.40	ng/ul	95
24) Benzo(k)fluoranthene	23.03	252	9140	0.43	ng/ul#	95
25) Benzo(a)pyrene	23.58	252	8486	0.40	ng/ul	95
26) Indeno(1,2,3-cd)pyrene	25.99	276	8188	0.42	ng/ul#	83
27) Dibenzo(a,h)anthracene	26.02	278	6610	0.43	ng/ul#	91
28) Benzo(g,h,i)perylene	26.71	276	6911	0.43	ng/ul	93

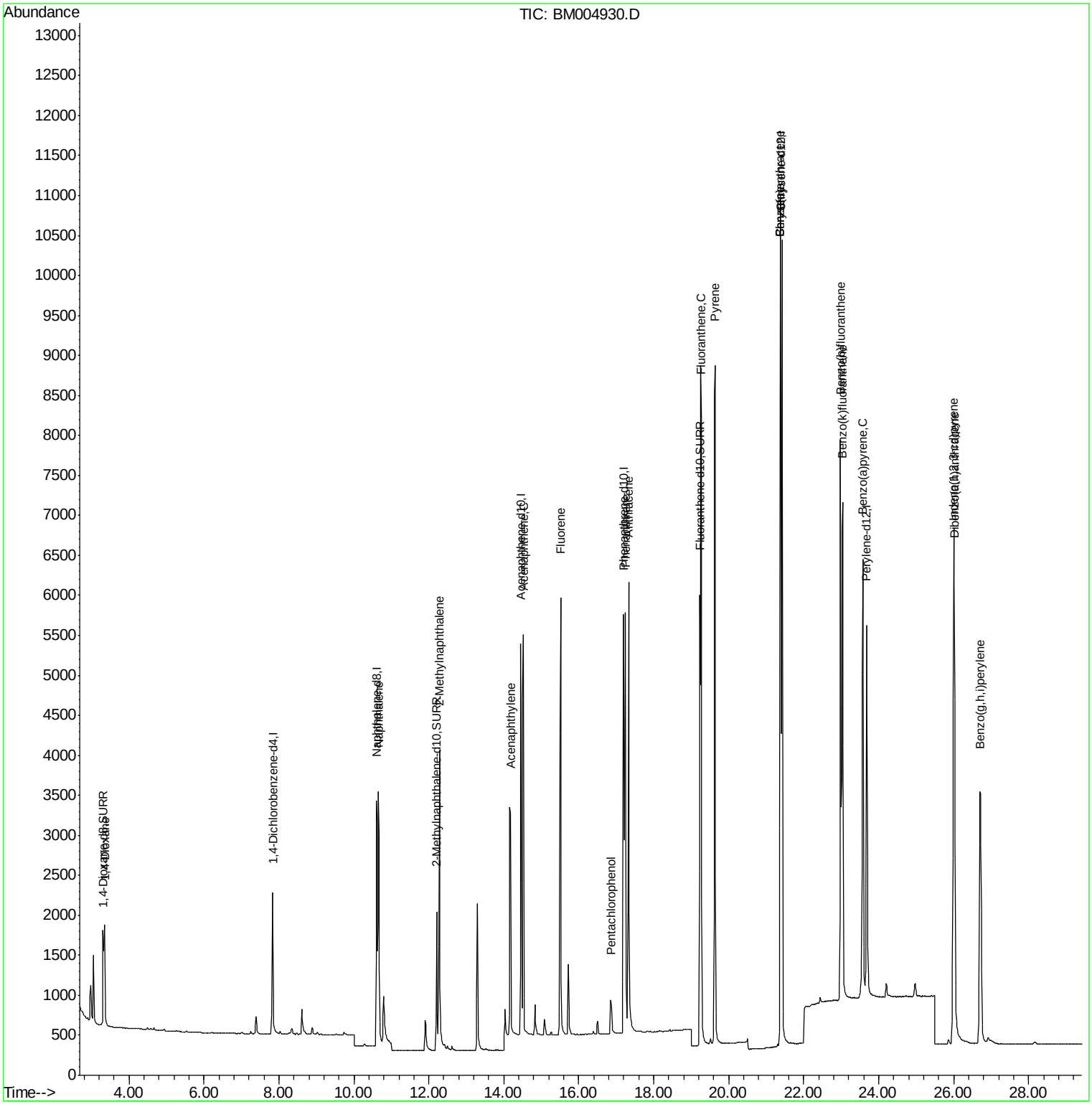
(#) = qualifier out of range (m) = manual integration (+) = signals summed

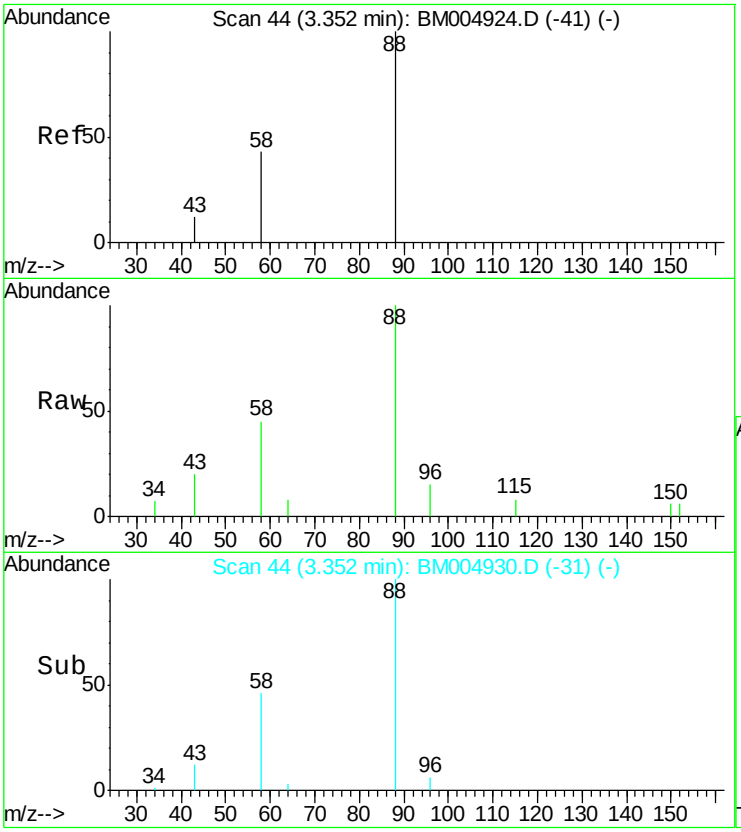
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040816\
Data File : BM004930.D
Acq On : 08 Apr 2016 14:31
Operator : UM/SJ
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.438

Quant Time: Apr 09 01:21:36 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 09 01:17:35 2016
Response via : Initial Calibration



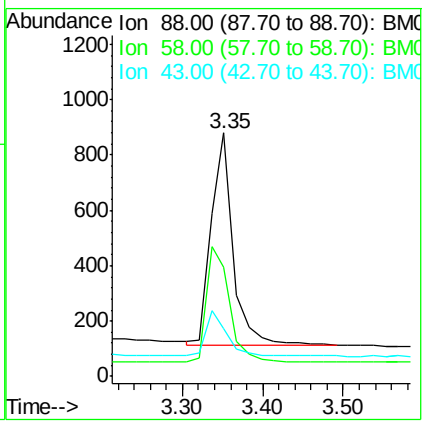


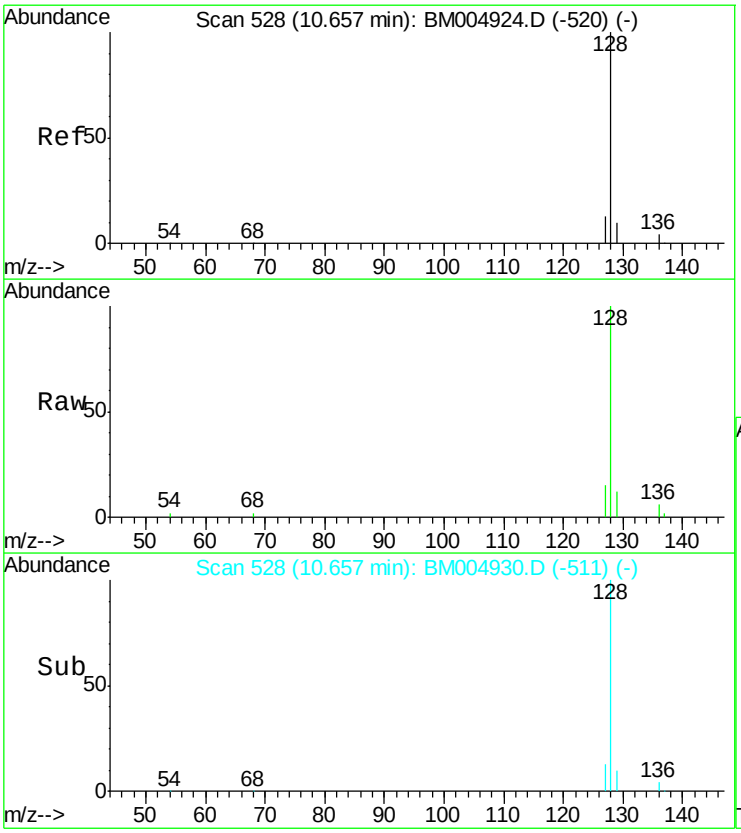
#3
1,4-Dioxane
Concen: 2.06 ng/ul
RT: 3.35 min Scan# 44
Delta R.T. 0.00 min
Lab File: BM004930.D
Acq: 08 Apr 2016 14:31

Instrument :
BNA_M
ClientSampleId :
SSTD0.438

Tgt Ion: 88 Resp: 1434

Ion	Ratio	Lower	Upper
88	100		
58	57.7	8.0	12.0#
43	20.6	8.0	12.0#

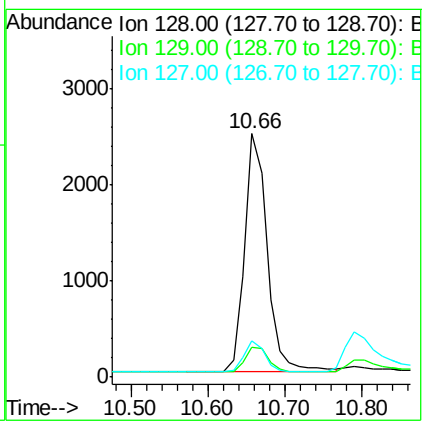


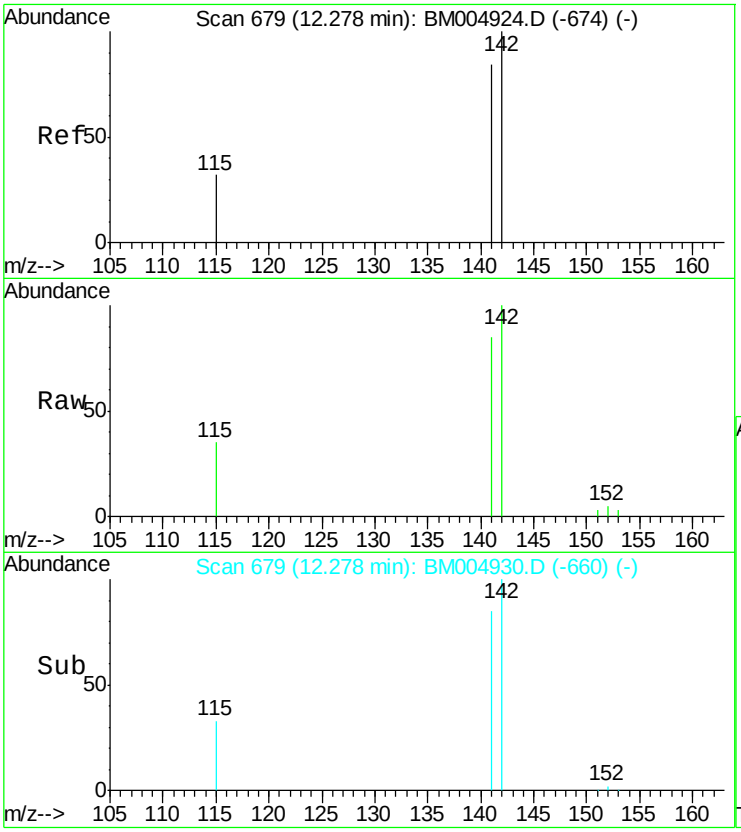


#5
Naphthalene
Concen: 0.40 ng/ul
RT: 10.66 min Scan# 528
Delta R.T. 0.00 min
Lab File: BM004930.D
Acq: 08 Apr 2016 14:31

Tgt Ion:128 Resp: 5005

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.0	13.6
127	15.1	9.6	14.4#



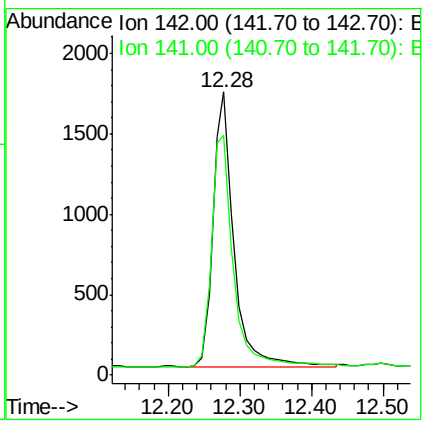


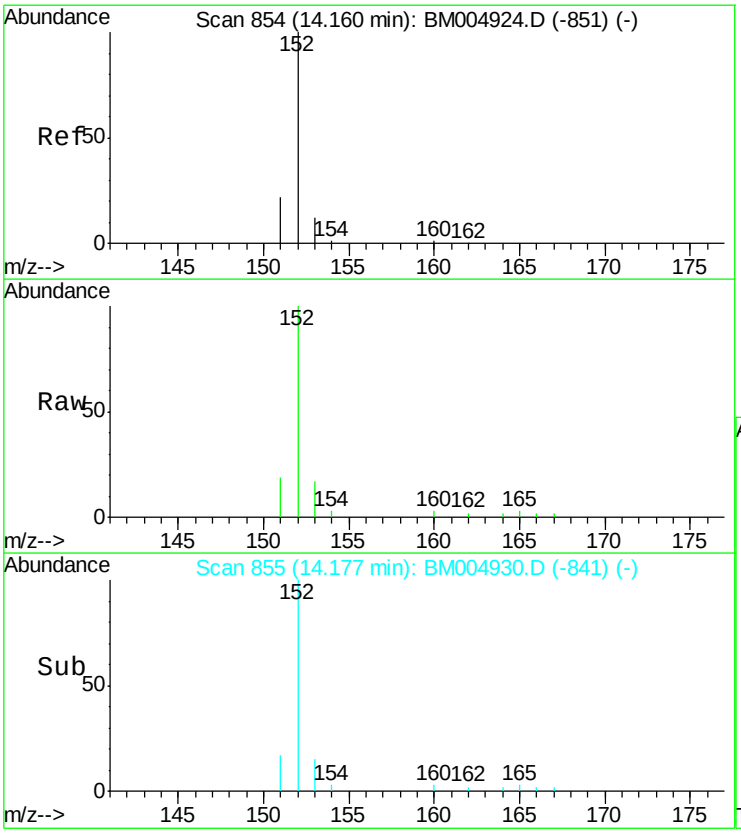
#7
2-Methylnaphthalene
Concen: 0.38 ng/ul
RT: 12.28 min Scan# 679
Delta R.T. 0.00 min
Lab File: BM004930.D
Acq: 08 Apr 2016 14:31

Instrument :
BNA_M
ClientSampleId :
SSTD0.438

Tgt Ion:142 Resp: 3469

Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.3	105.5

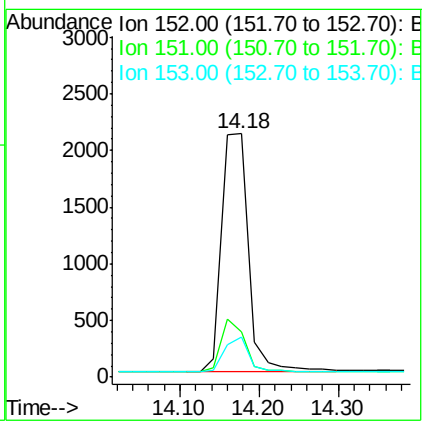


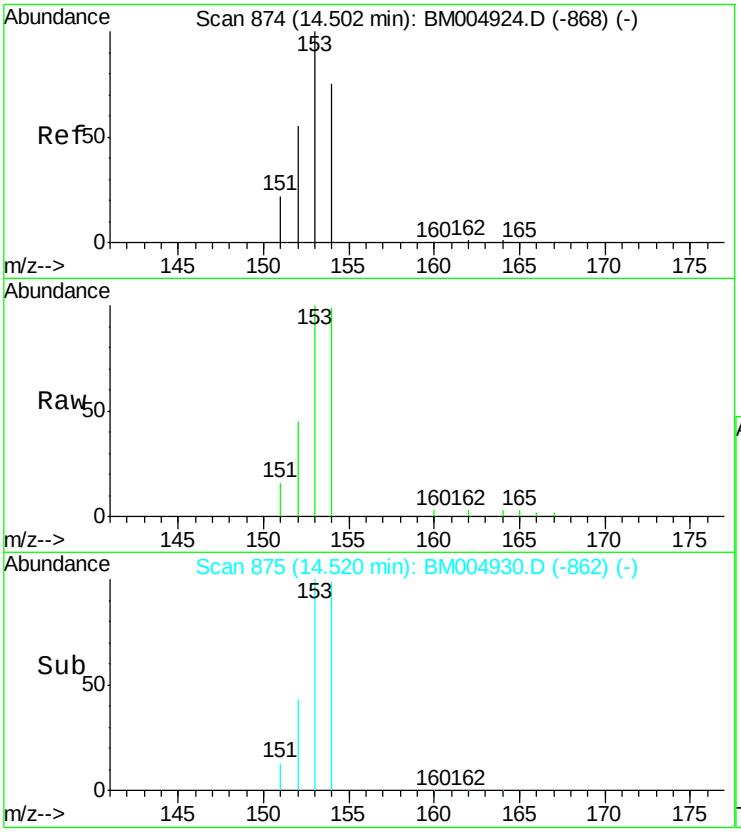


#9
Acenaphthylene
Concen: 0.36 ng/ul
RT: 14.18 min Scan# 855
Delta R.T. 0.02 min
Lab File: BM004930.D
Acq: 08 Apr 2016 14:31

Tgt Ion:152 Resp: 4899

Ion	Ratio	Lower	Upper
152	100		
151	18.5	17.6	26.4
153	16.5	9.7	14.5#



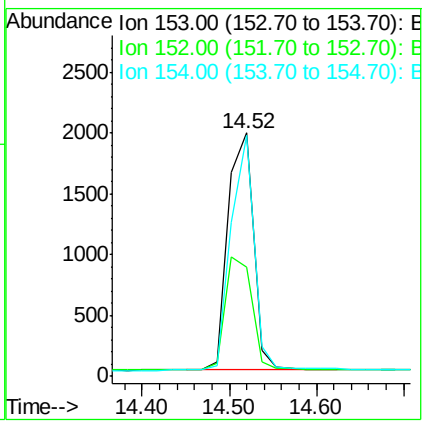


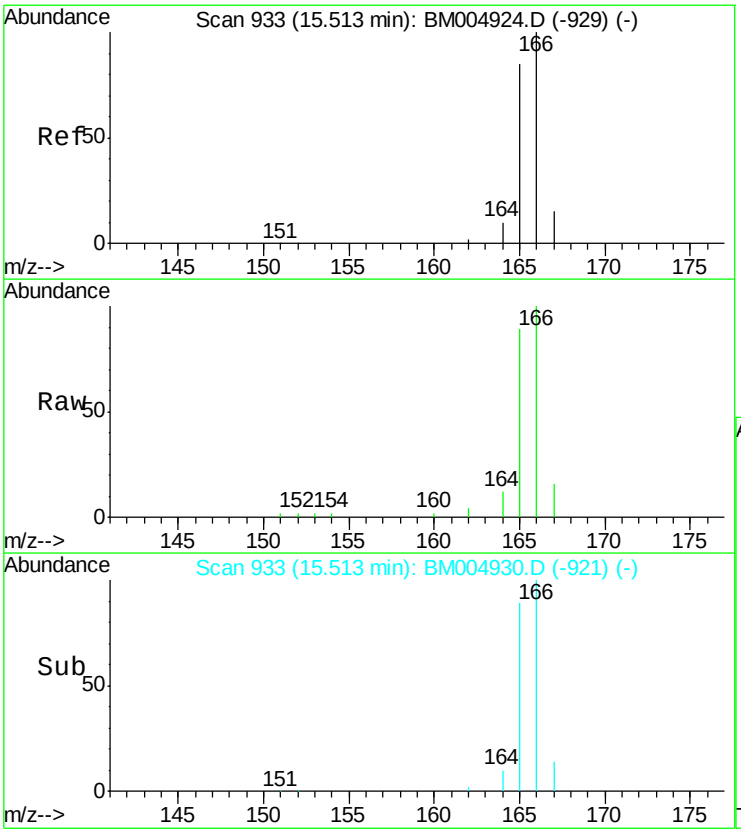
#10
Acenaphthene
Concen: 0.42 ng/ul
RT: 14.52 min Scan# 875
Delta R.T. 0.02 min
Lab File: BM004930.D
Acq: 08 Apr 2016 14:31

Instrument :
BNA_M
ClientSampleId :
SSTD0.438

Tgt Ion:153 Resp: 3963

Ion	Ratio	Lower	Upper
153	100		
152	44.7	33.9	50.9
154	99.1	80.6	121.0

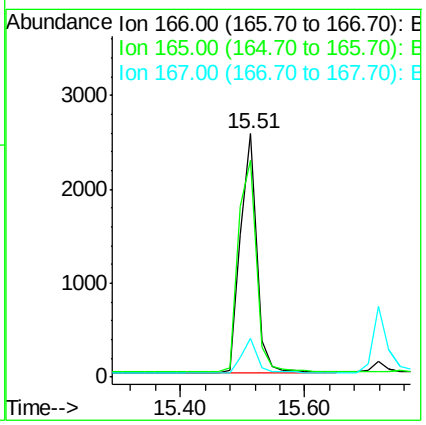


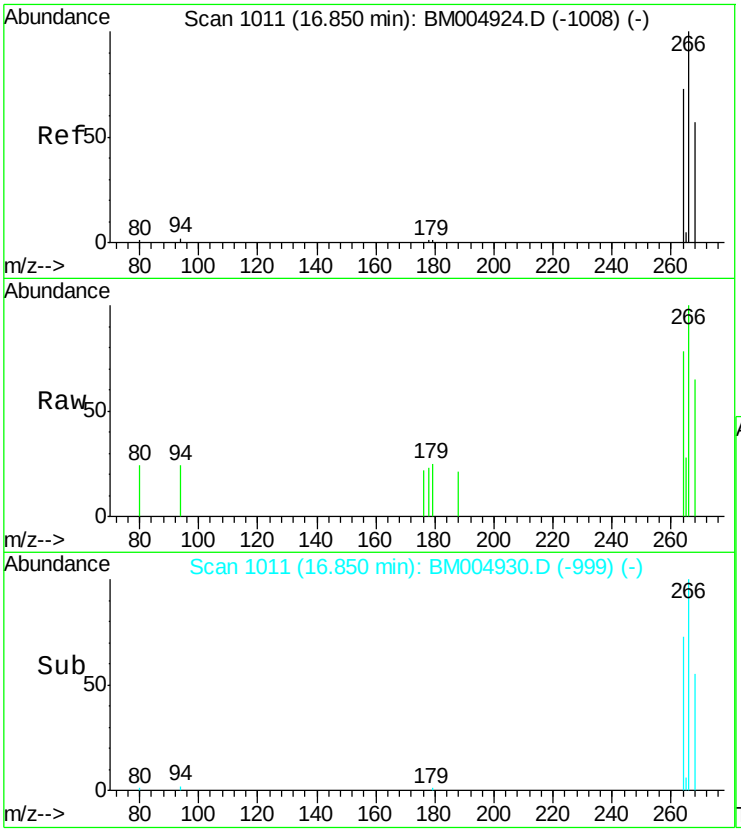


#11
Fluorene
Concen: 0.41 ng/ul
RT: 15.51 min Scan# 933
Delta R.T. 0.00 min
Lab File: BM004930.D
Acq: 08 Apr 2016 14:31

Tgt Ion:166 Resp: 4652

Ion	Ratio	Lower	Upper
166	100		
165	88.9	69.6	104.4
167	15.9	11.9	17.9



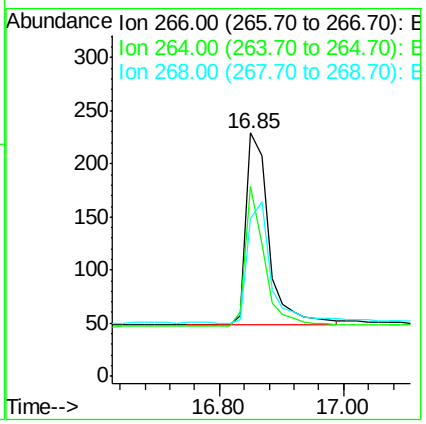


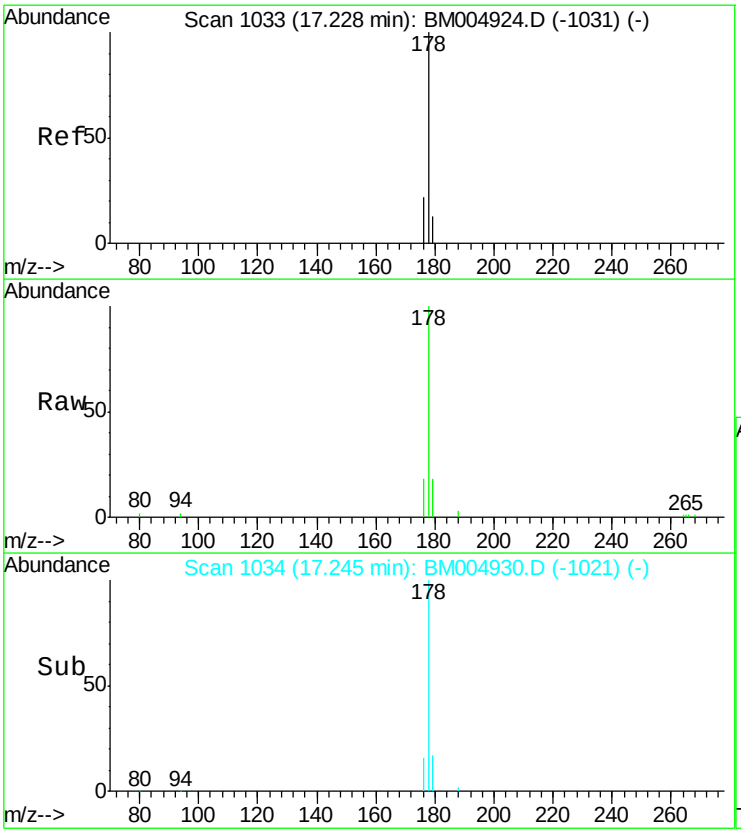
#13
Pentachlorophenol
Concen: 0.27 ng/ul
RT: 16.85 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BM004930.D
Acq: 08 Apr 2016 14:31

Instrument :
BNA_M
ClientSampleId :
SSTD0.438

Tgt Ion:266 Resp: 465

Ion	Ratio	Lower	Upper
266	100		
264	60.9	51.8	77.8
268	63.2	46.8	70.2

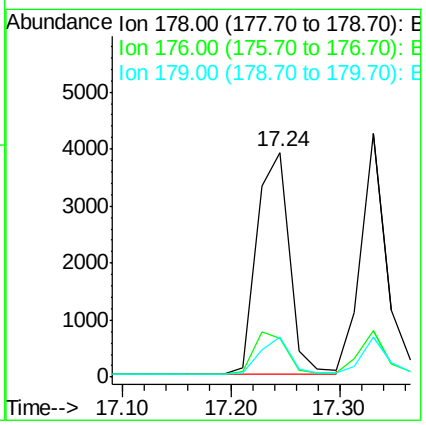


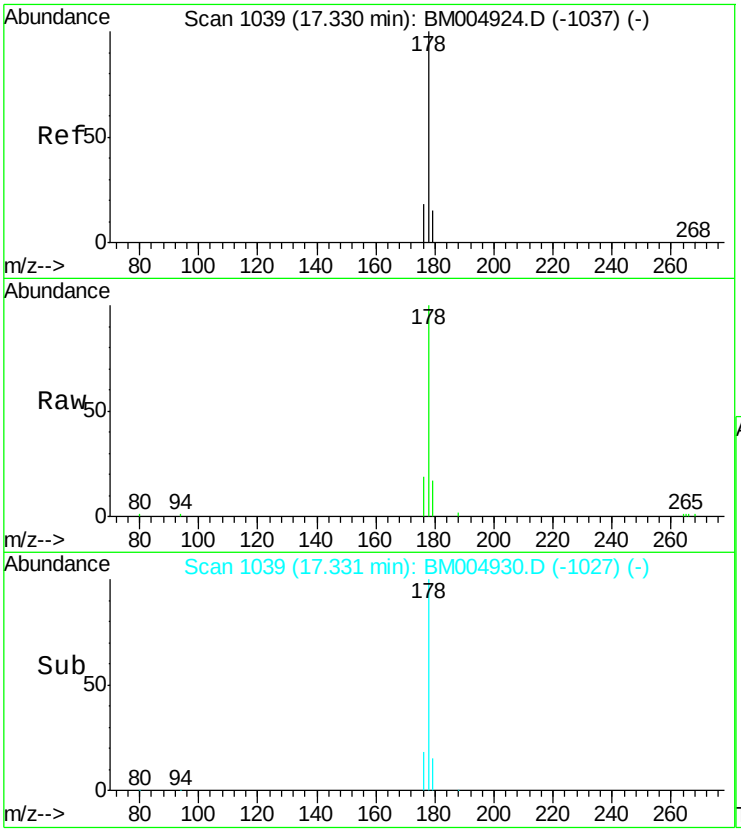


#14
Phenanthrene
Concen: 0.41 ng/ul
RT: 17.24 min Scan# 1034
Delta R.T. 0.02 min
Lab File: BM004930.D
Acq: 08 Apr 2016 14:31

Tgt Ion:178 Resp: 8089

Ion	Ratio	Lower	Upper
178	100		
176	17.5	13.0	19.4
179	18.0	14.2	21.2



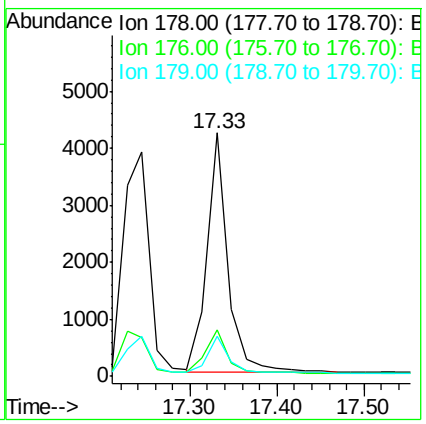


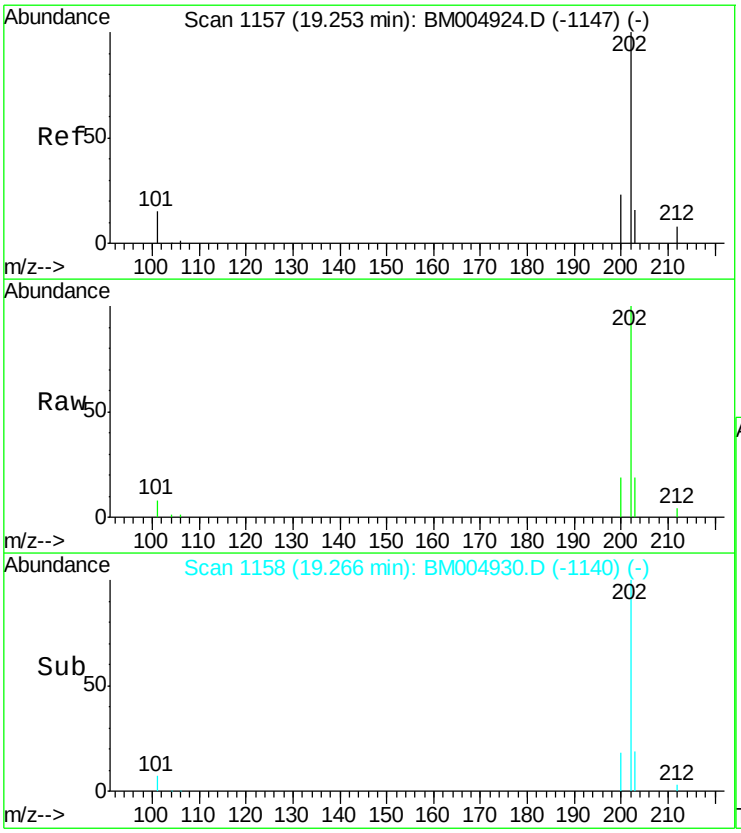
#15
Anthracene
Concen: 0.38 ng/ul
RT: 17.33 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BM004930.D
Acq: 08 Apr 2016 14:31

Instrument :
BNA_M
ClientSampleId :
SSTD0.438

Tgt Ion:178 Resp: 7042

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.0	21.0
179	16.5	12.9	19.3

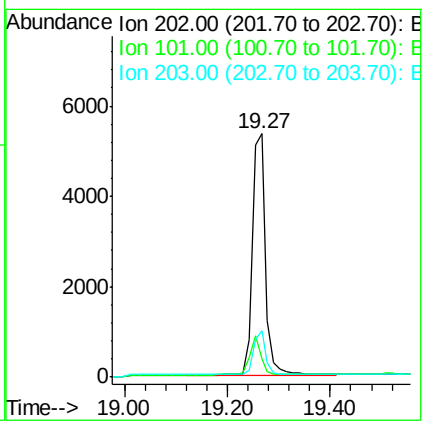


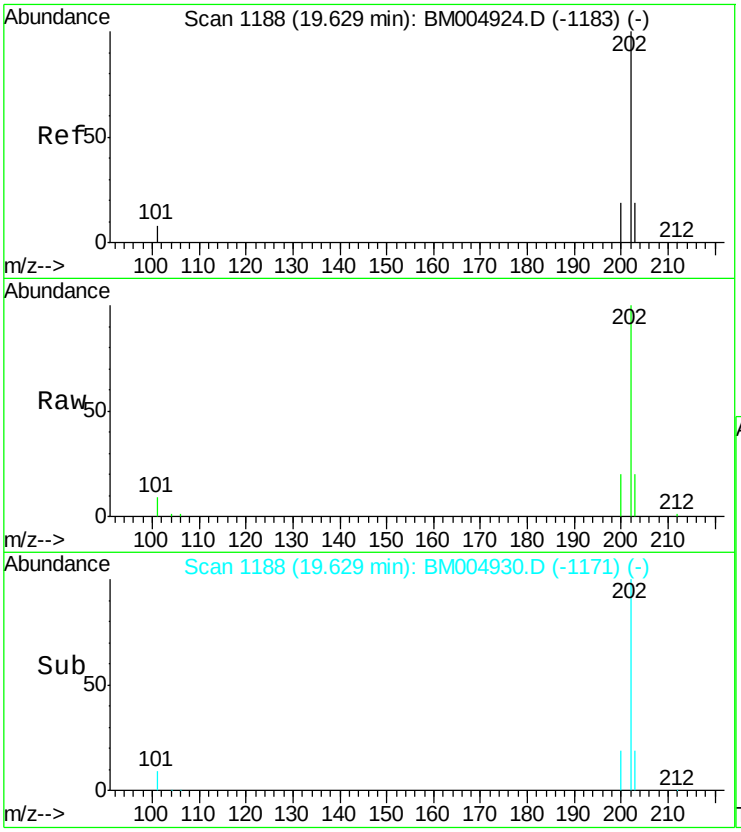


#17
Fluoranthene
Concen: 0.43 ng/ul
RT: 19.27 min Scan# 1158
Delta R.T. 0.01 min
Lab File: BM004930.D
Acq: 08 Apr 2016 14:31

Tgt Ion:202 Resp: 9533

Ion	Ratio	Lower	Upper
202	100		
101	7.6	0.0	29.6
203	19.4	0.0	36.3



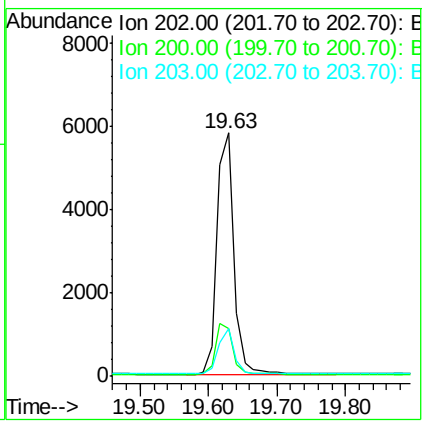


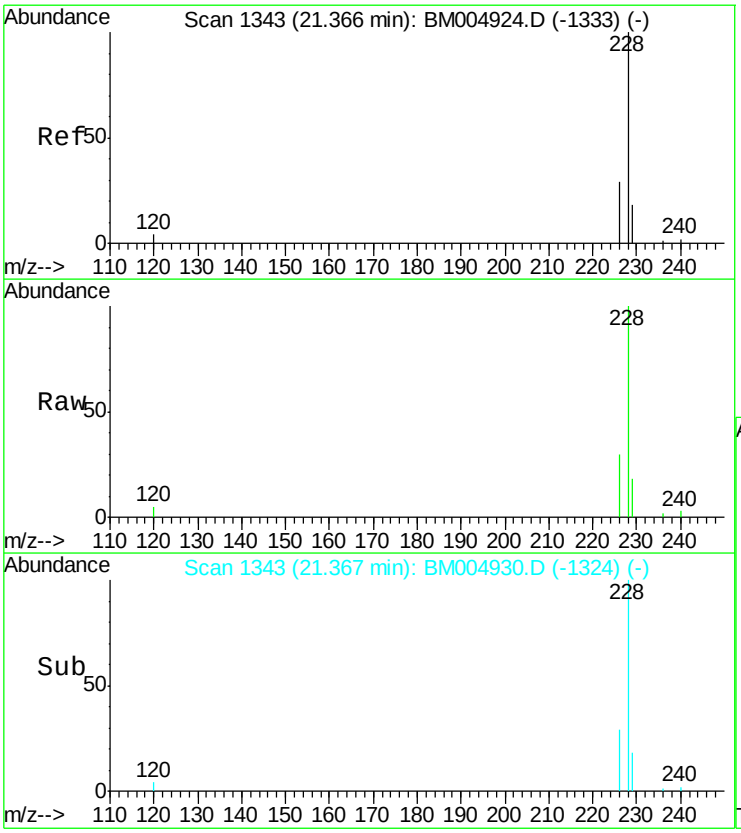
#19
Pyrene
Concen: 0.36 ng/ul
RT: 19.63 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BM004930.D
Acq: 08 Apr 2016 14:31

Instrument :
BNA_M
ClientSampleId :
SSTD0.438

Tgt Ion:202 Resp: 9898

Ion	Ratio	Lower	Upper
202	100		
200	19.6	17.8	26.8
203	19.5	12.8	19.2#

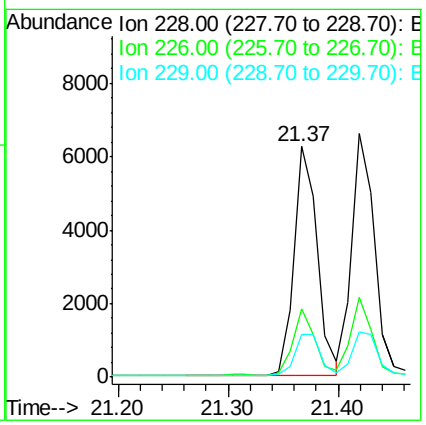


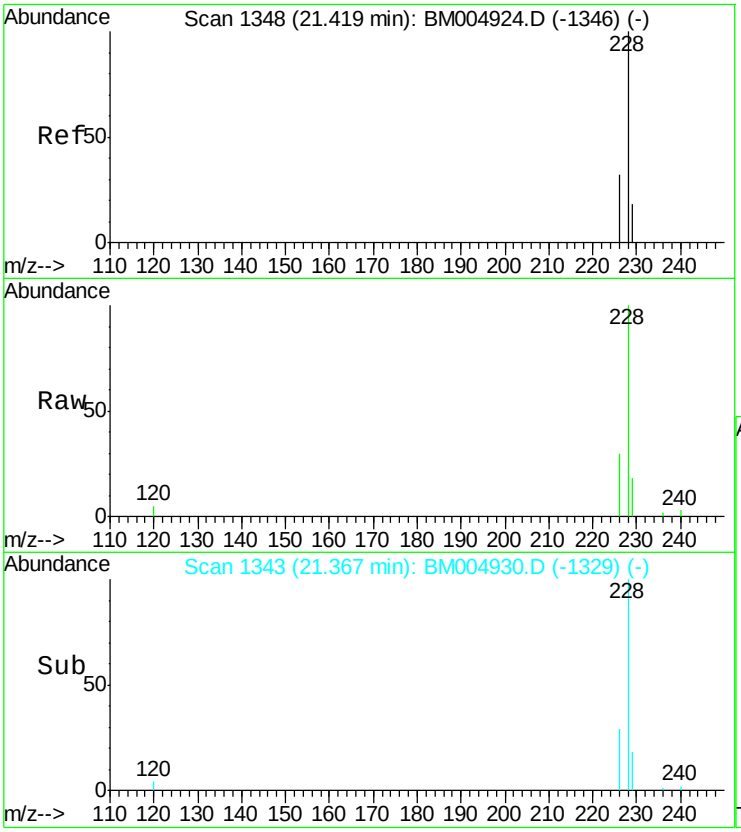


#20
Benzo(a)anthracene
Concen: 0.37 ng/ul
RT: 21.37 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BM004930.D
Acq: 08 Apr 2016 14:31

Tgt Ion:228 Resp: 9024

Ion	Ratio	Lower	Upper
228	100		
226	29.8	18.8	28.2#
229	18.3	17.1	25.7



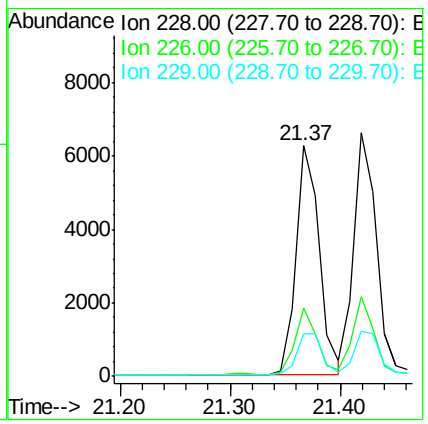


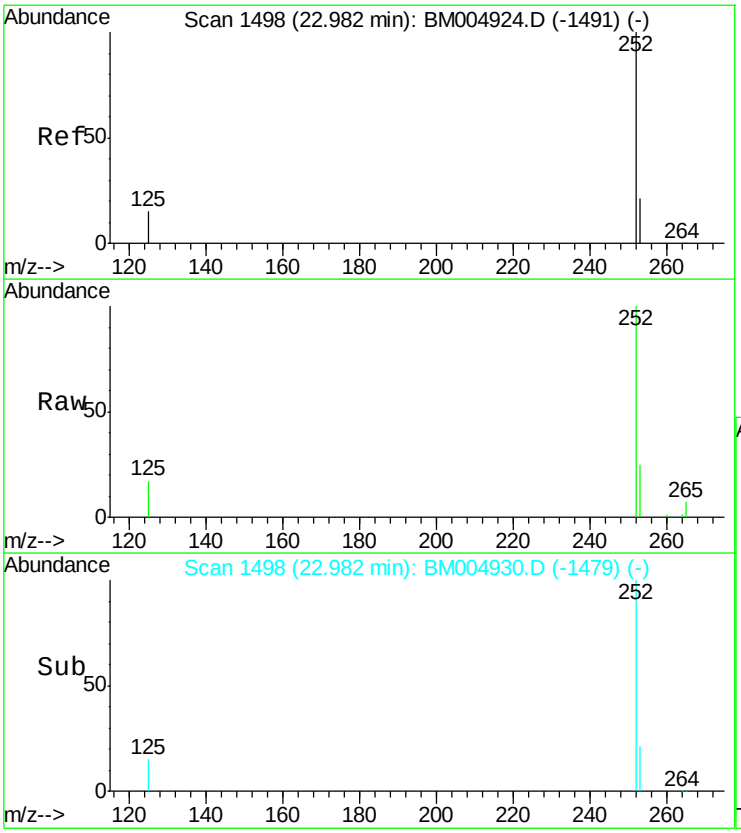
#21
Chrysene
Concen: 0.38 ng/ul
RT: 21.37 min Scan# 1343
Delta R.T. -0.05 min
Lab File: BM004930.D
Acq: 08 Apr 2016 14:31

Instrument :
BNA_M
ClientSampleId :
SSTD0.438

Tgt Ion:228 Resp: 9024

Ion	Ratio	Lower	Upper
228	100		
226	29.8	21.2	31.8
229	18.3	17.0	25.6

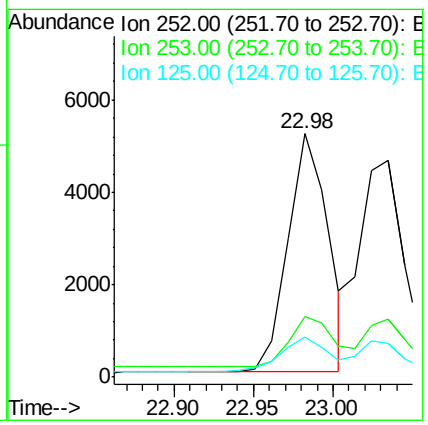


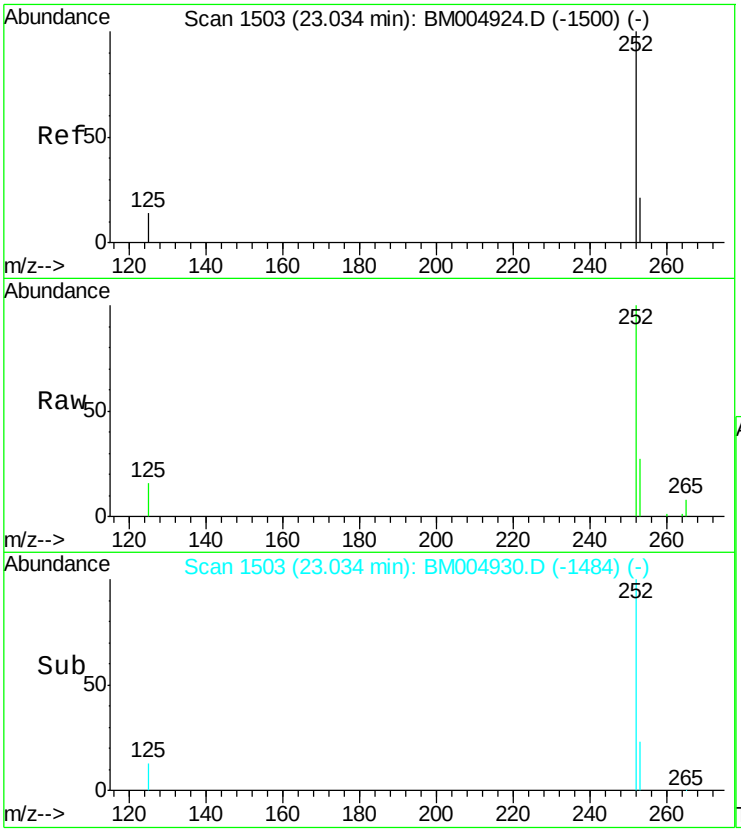


#23
Benzo(b)fluoranthene
Concen: 0.40 ng/ul
RT: 22.98 min Scan# 1498
Delta R.T. 0.00 min
Lab File: BM004930.D
Acq: 08 Apr 2016 14:31

Tgt Ion:252 Resp: 9073

Ion	Ratio	Lower	Upper
252	100		
253	25.1	0.0	45.4
125	16.7	0.0	28.8



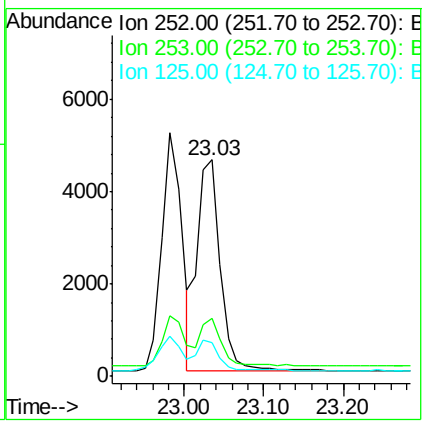


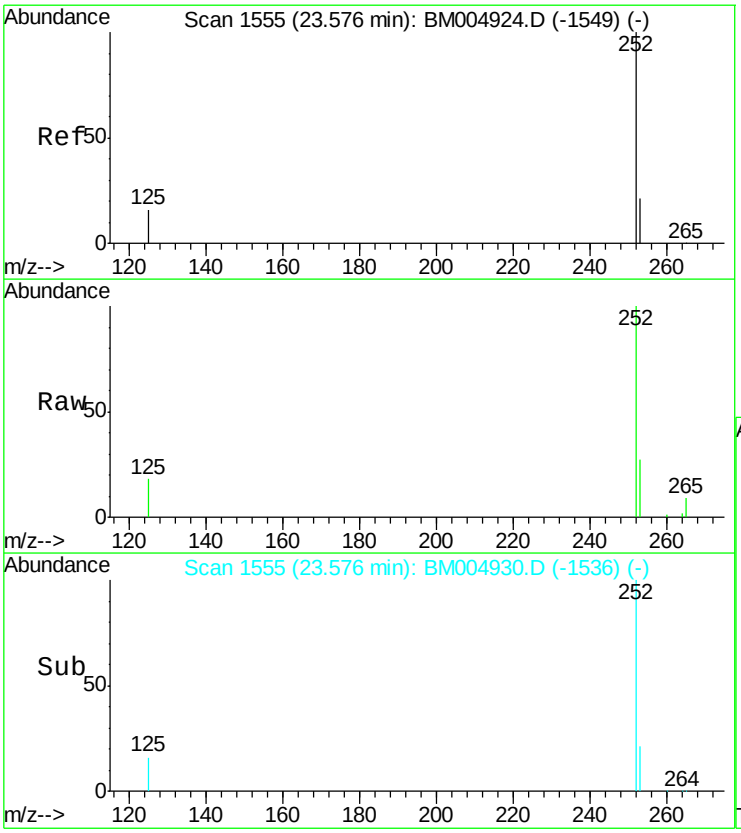
#24
Benzo(k)fluoranthene
Concen: 0.43 ng/ul
RT: 23.03 min Scan# 1503
Delta R.T. 0.00 min
Lab File: BM004930.D
Acq: 08 Apr 2016 14:31

Instrument :
BNA_M
ClientSampleId :
SSTD0.438

Tgt Ion:252 Resp: 9140

Ion	Ratio	Lower	Upper
252	100		
253	26.9	19.8	29.8
125	15.8	10.4	15.6#

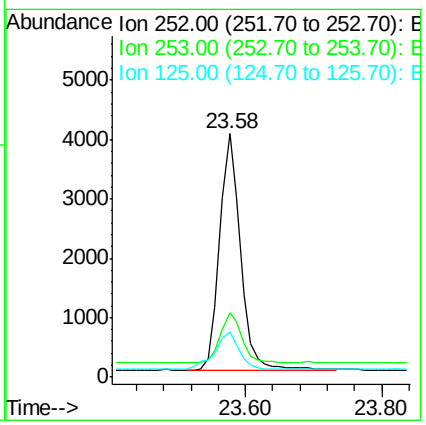


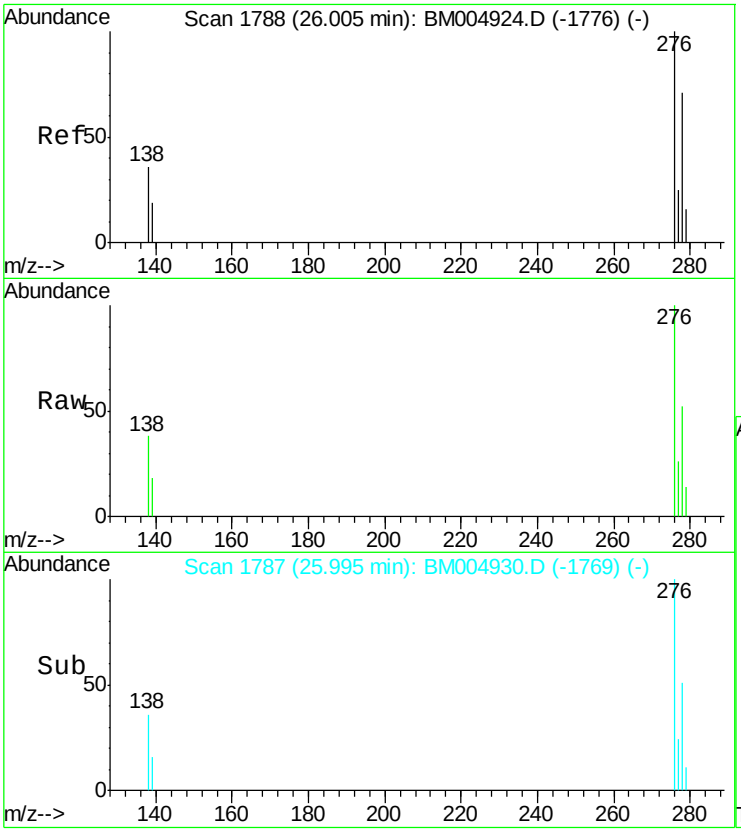


#25
Benzo(a)pyrene
Concen: 0.40 ng/ul
RT: 23.58 min Scan# 1555
Delta R.T. 0.00 min
Lab File: BM004930.D
Acq: 08 Apr 2016 14:31

Tgt Ion:252 Resp: 8486

Ion	Ratio	Lower	Upper
252	100		
253	26.6	19.4	29.2
125	18.4	12.7	19.1



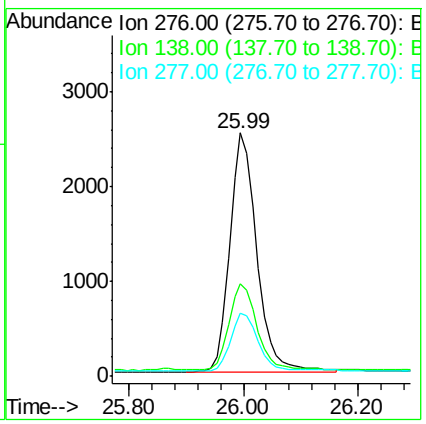


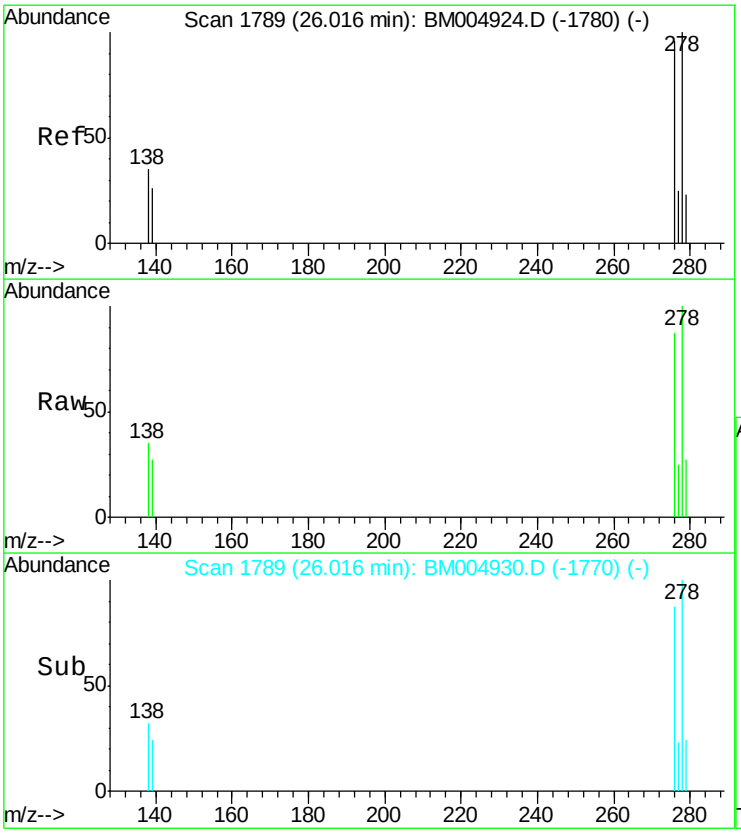
#26
Indeno(1,2,3-cd)pyrene
Concen: 0.42 ng/ul
RT: 25.99 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BM004930.D
Acq: 08 Apr 2016 14:31

Instrument :
BNA_M
ClientSampleId :
SSTD0.438

Tgt Ion:276 Resp: 8188

Ion	Ratio	Lower	Upper
276	100		
138	37.7	16.3	24.5#
277	24.9	19.8	29.8

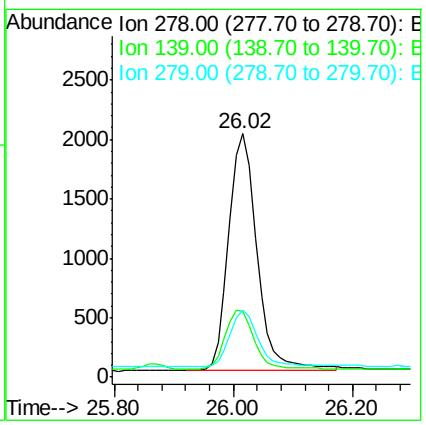


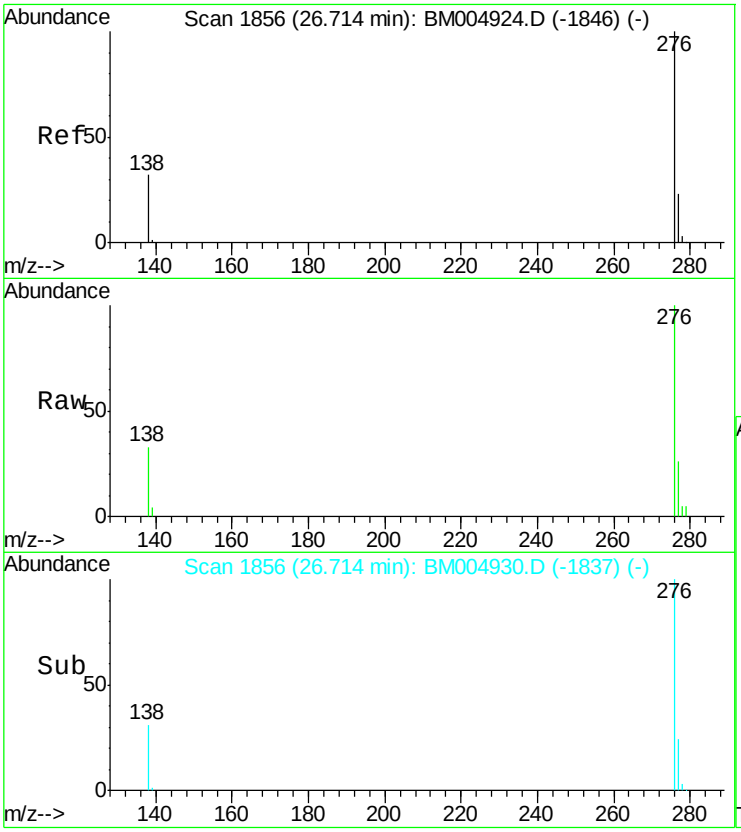


#27
Dibenzo(a,h)anthracene
Concen: 0.43 ng/ul
RT: 26.02 min Scan# 1789
Delta R.T. 0.00 min
Lab File: BM004930.D
Acq: 08 Apr 2016 14:31

Tgt Ion:278 Resp: 6610

Ion	Ratio	Lower	Upper
278	100		
139	27.0	16.4	24.6#
279	27.4	20.2	30.2





#28
Benzo(g,h,i)perylene
Concen: 0.43 ng/ul
RT: 26.71 min Scan# 1856
Delta R.T. 0.00 min
Lab File: BM004930.D
Acq: 08 Apr 2016 14:31

Instrument :
BNA_M
ClientSampleId :
SSTD0.438

Tgt Ion:276 Resp: 6911

Ion	Ratio	Lower	Upper
276	100		
277	25.8	18.9	28.3
138	33.1	22.5	33.7