Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM040816\
Data File : BM004924.D
Acq On : 08 Apr 2016 10:46
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD0.437

Quant Time: Apr 09 01:10:37 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 18:29:16 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1054	0.40	ng/ul	-0.02
4) Naphthalene-d8	10.61	136	4326	0.40	ng/ul	-0.01
8) Acenaphthene-d10	14.45	164	2635	0.40	ng/ul	-0.02
12) Phenanthrene-d10	17.19	188	6783	0.40	ng/ul	-0.02
18) Chrysene-d12	21.39	240	7775	0.40	ng/ul	-0.01
22) Perylene-d12	23.68	264	6511	0.40	ng/ul	-0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.31	96	922	1.94	ng/uL	-0.02
6) 2-Methylnaphthalene-d10	12.20	152	2222	0.37	ng/ul	0.00
16) Fluoranthene-d10	19.23	212	6826	0.43	ng/ul	-0.01
Target Compounds						Qvalue
3) 1,4-Dioxane	3.35	88	1076	1.86	ng/ul#	21
5) Naphthalene	10.66	128	4161	0.40	ng/ul#	94
7) 2-Methylnaphthalene	12.28	142	2959	0.40	ng/ul	98
9) Acenaphthylene	14.16	152	4353	0.36	ng/ul	97
10) Acenaphthene	14.50	153	3593	0.42	ng/ul#	76
11) Fluorene	15.51	166	4249	0.42	ng/ul	98
13) Pentachlorophenol	16.85	266	410	0.24	ng/ul	94
14) Phenanthrene	17.33	178	6441	0.34	ng/ul	96
15) Anthracene	17.33	178	6779	0.38	ng/ul	98
17) Fluoranthene	19.25	202	9627	0.44	ng/ul	93
19) Pyrene	19.63	202	10050	0.38	ng/ul#	93
20) Benzo(a)anthracene	21.37	228	8977	0.38	ng/ul#	90
21) Chrysene	21.37	228	8977	0.39	ng/ul	94
23) Benzo(b)fluoranthene	22.98	252	8781	0.40	ng/ul	96
24) Benzo(k)fluoranthene	23.03	252	8959	0.44	ng/ul#	96
25) Benzo(a)pyrene	23.58	252	8181	0.41	ng/ul	96
26) Indeno(1,2,3-cd)pyrene	26.01	276	7895	0.43	ng/ul#	83
27) Dibenzo(a,h)anthracene	26.02	278	6302	0.43	ng/ul#	91
28) Benzo(g,h,i)perylene	26.71	276	6711	0.44	ng/ul#	92

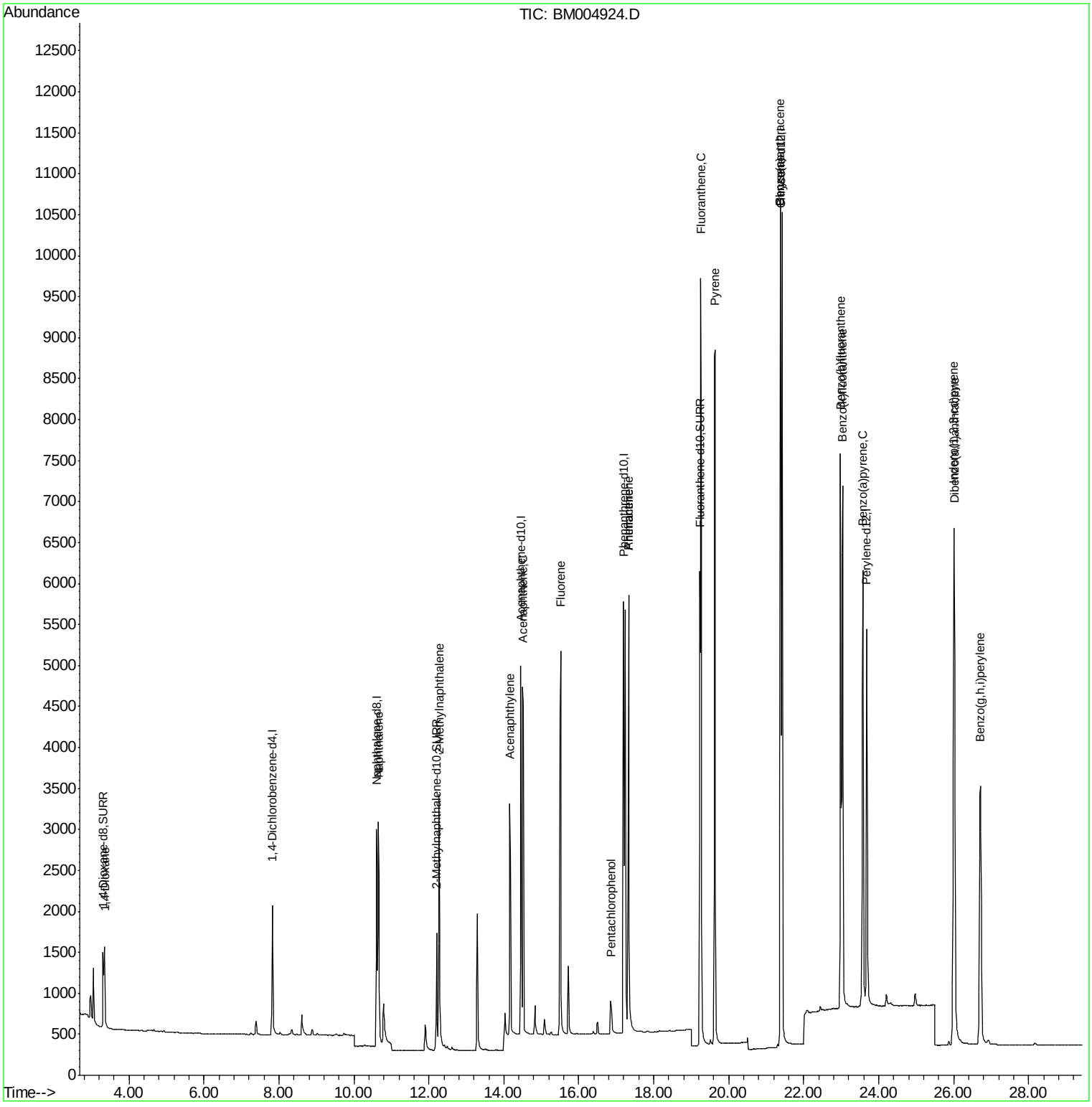
(#) = qualifier out of range (m) = manual integration (+) = signals summed

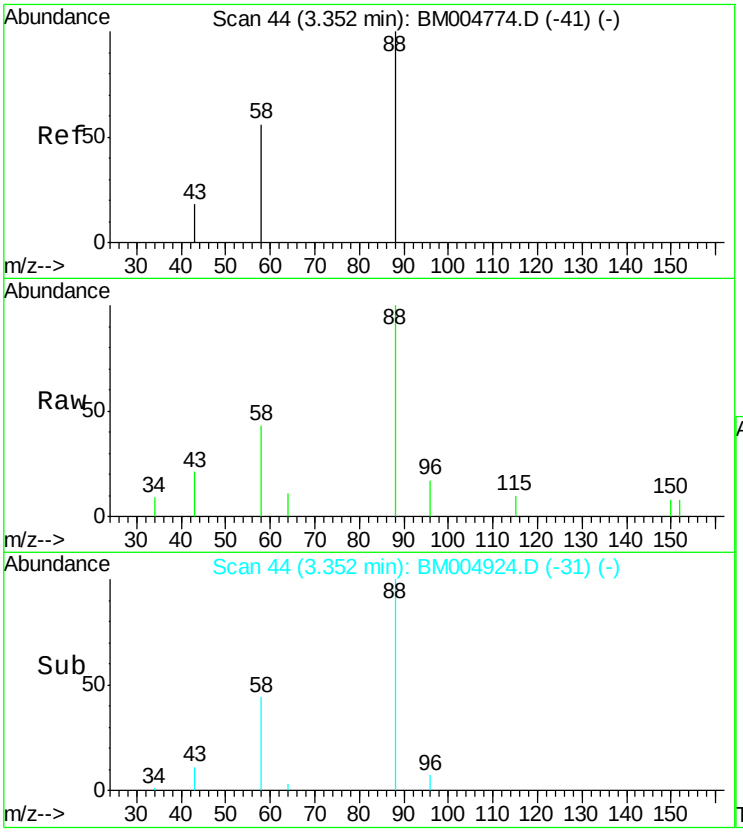
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM040816\
Data File : BM004924.D
Acq On : 08 Apr 2016 10:46
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.437

Quant Time: Apr 09 01:10:37 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 18:29:16 2016
Response via : Initial Calibration



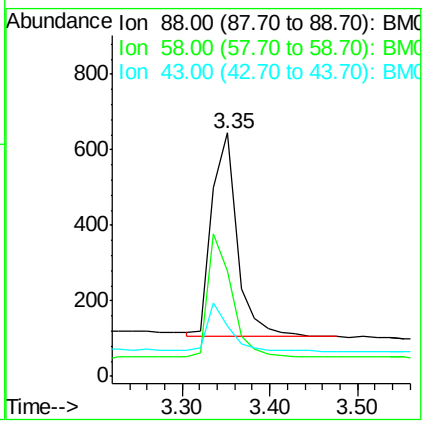


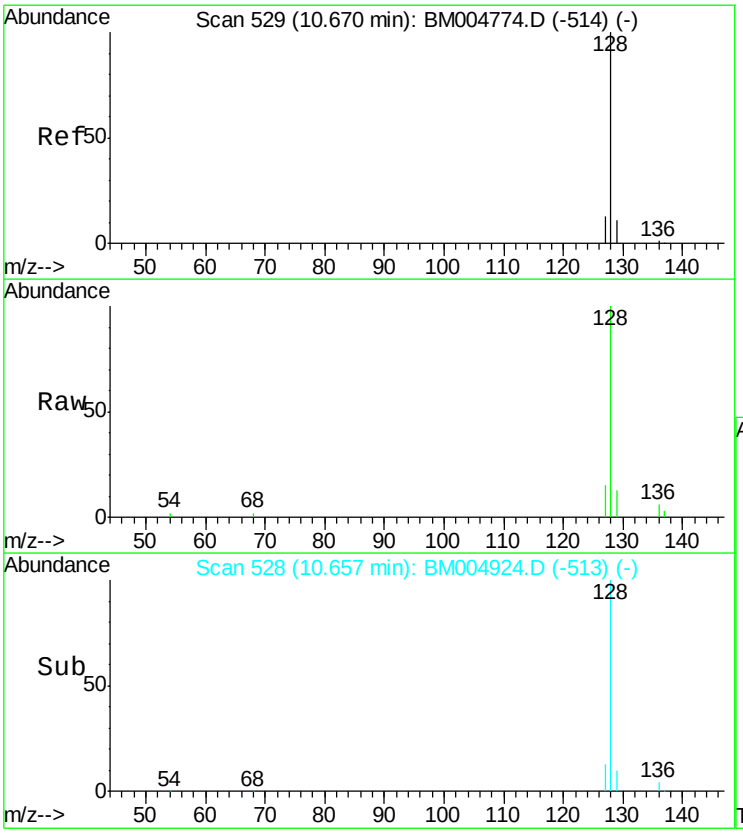
#3
1,4-Dioxane
Concen: 1.86 ng/ul
RT: 3.35 min Scan# 44
Delta R.T. -0.00 min
Lab File: BM004924.D
Acq: 08 Apr 2016 10:46

Instrument :
BNA_M
ClientSampleId :
SSTD0.437

Tgt Ion: 88 Resp: 1076

Ion	Ratio	Lower	Upper
88	100		
58	57.1	8.0	12.0#
43	21.6	8.0	12.0#

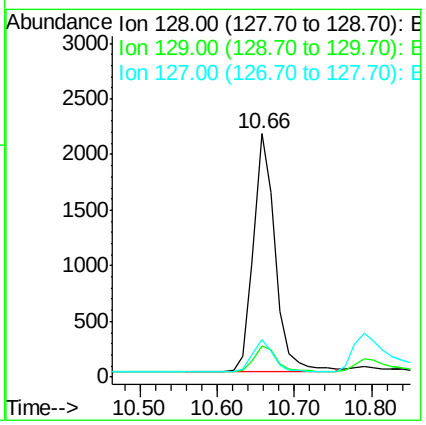


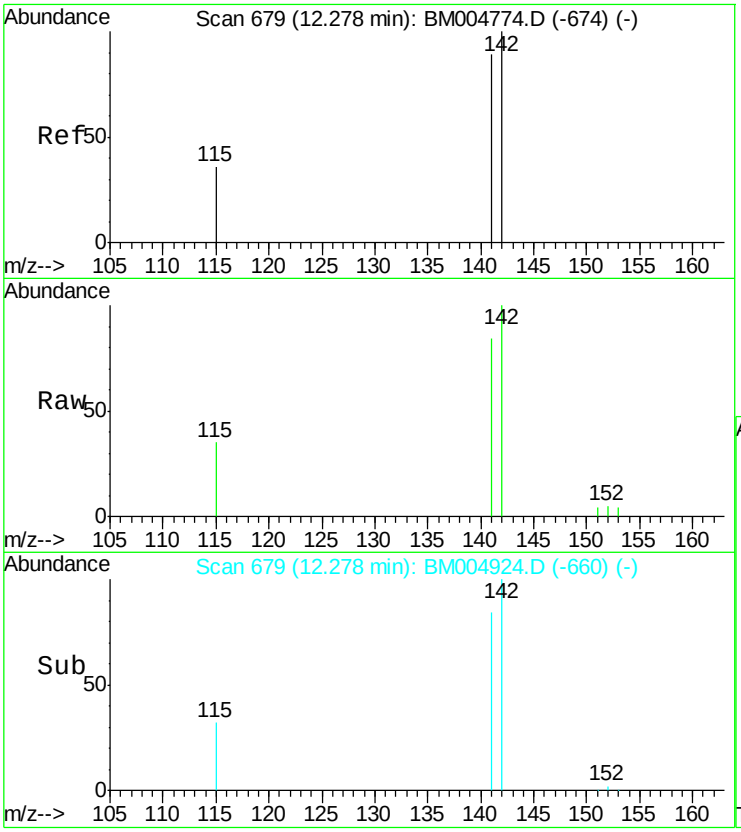


#5
Naphthalene
Concen: 0.40 ng/ul
RT: 10.66 min Scan# 528
Delta R.T. -0.01 min
Lab File: BM004924.D
Acq: 08 Apr 2016 10:46

Tgt Ion:128 Resp: 4161

Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.0	13.6
127	15.2	9.6	14.4#



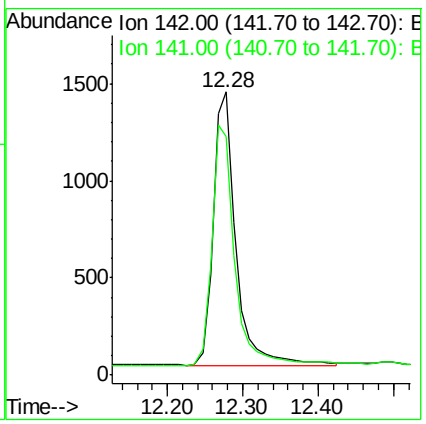


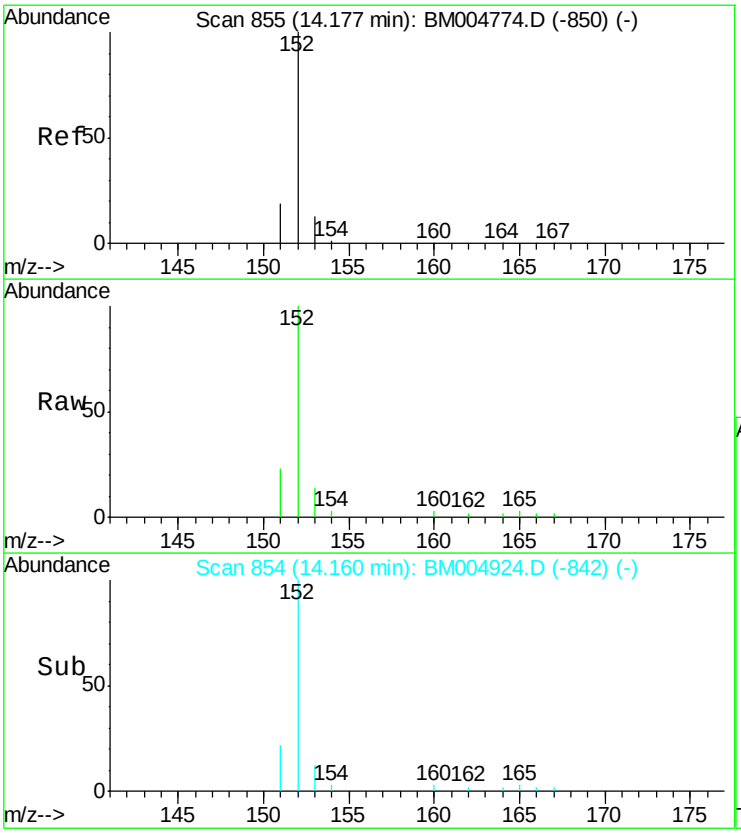
#7
2-Methylnaphthalene
Concen: 0.40 ng/ul
RT: 12.28 min Scan# 679
Delta R.T. -0.00 min
Lab File: BM004924.D
Acq: 08 Apr 2016 10:46

Instrument :
BNA_M
ClientSampleId :
SSTD0.437

Tgt Ion:142 Resp: 2959

Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.3	105.5

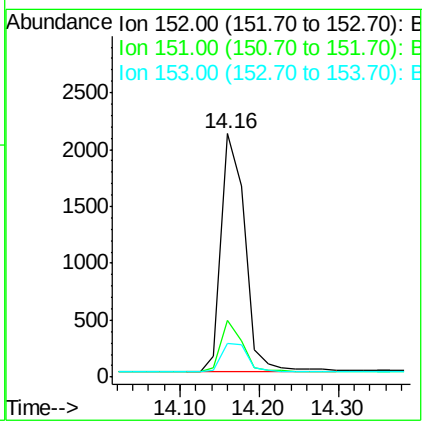


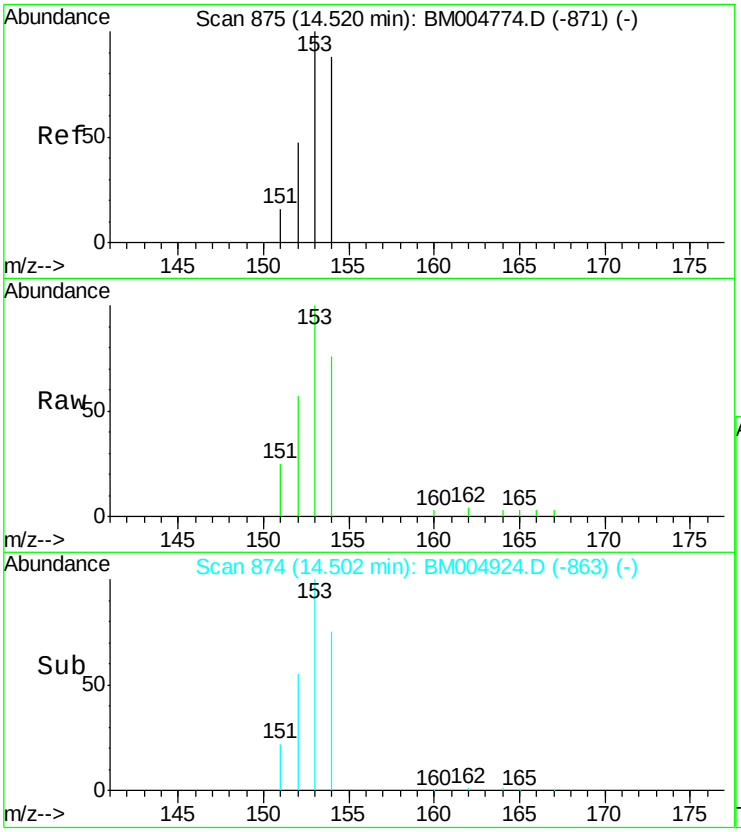


#9
Acenaphthylene
Concen: 0.36 ng/ul
RT: 14.16 min Scan# 854
Delta R.T. -0.02 min
Lab File: BM004924.D
Acq: 08 Apr 2016 10:46

Tgt Ion:152 Resp: 4353

Ion	Ratio	Lower	Upper
152	100		
151	23.3	17.6	26.4
153	13.9	9.7	14.5



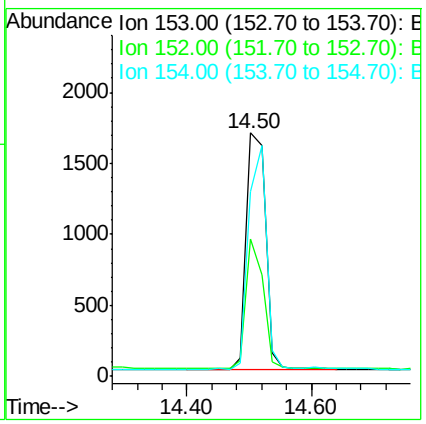


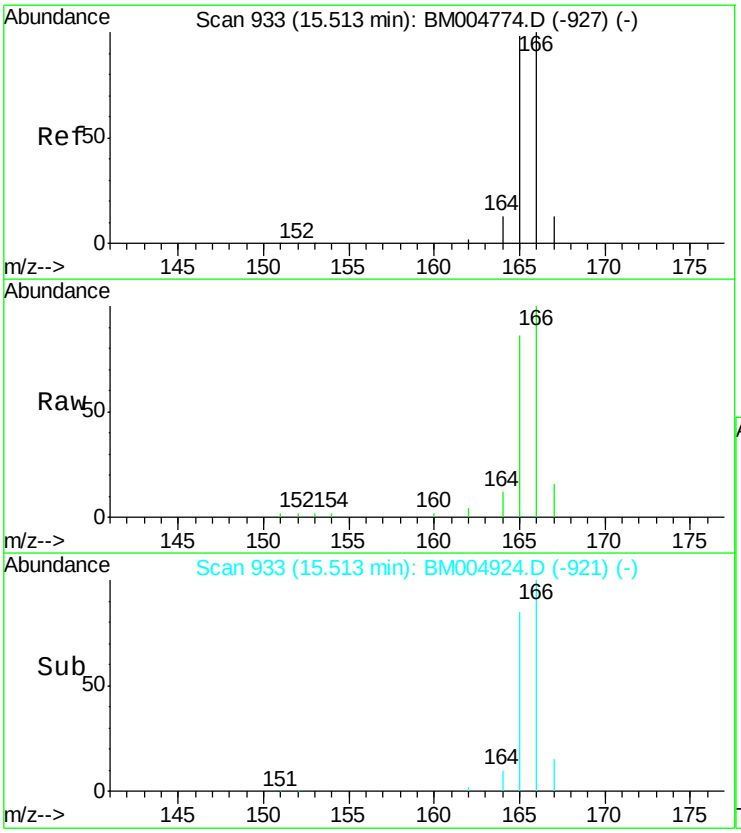
#10
Acenaphthene
Concen: 0.42 ng/ul
RT: 14.50 min Scan# 874
Delta R.T. -0.02 min
Lab File: BM004924.D
Acq: 08 Apr 2016 10:46

Instrument :
BNA_M
ClientSampleId :
SSTD0.437

Tgt Ion:153 Resp: 3593

Ion	Ratio	Lower	Upper
153	100		
152	56.6	33.9	50.9#
154	76.0	80.6	121.0#

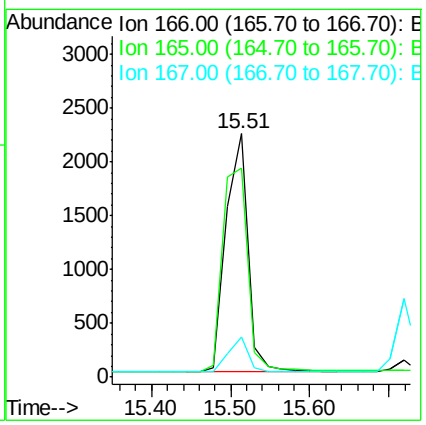


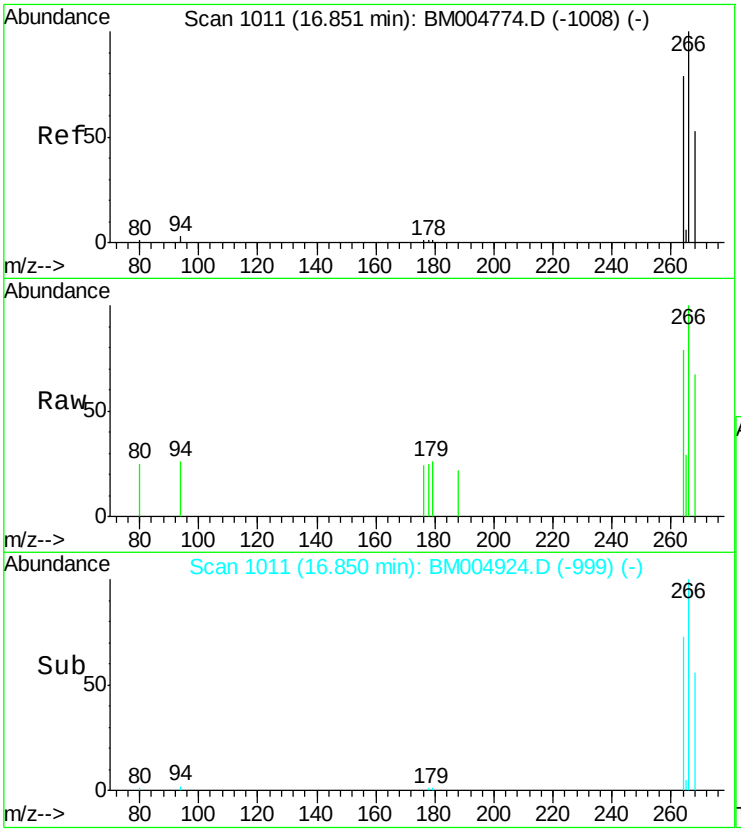


#11
Fluorene
Concen: 0.42 ng/ul
RT: 15.51 min Scan# 933
Delta R.T. -0.00 min
Lab File: BM004924.D
Acq: 08 Apr 2016 10:46

Tgt Ion:166 Resp: 4249

Ion	Ratio	Lower	Upper
166	100		
165	85.8	69.6	104.4
167	16.5	11.9	17.9



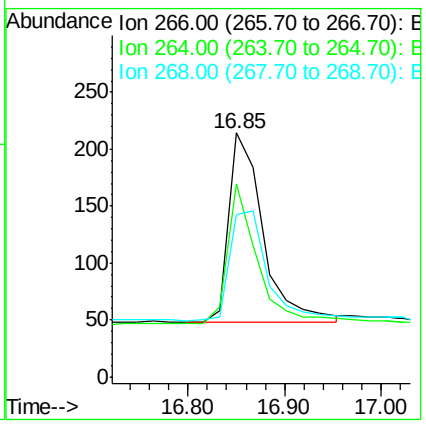


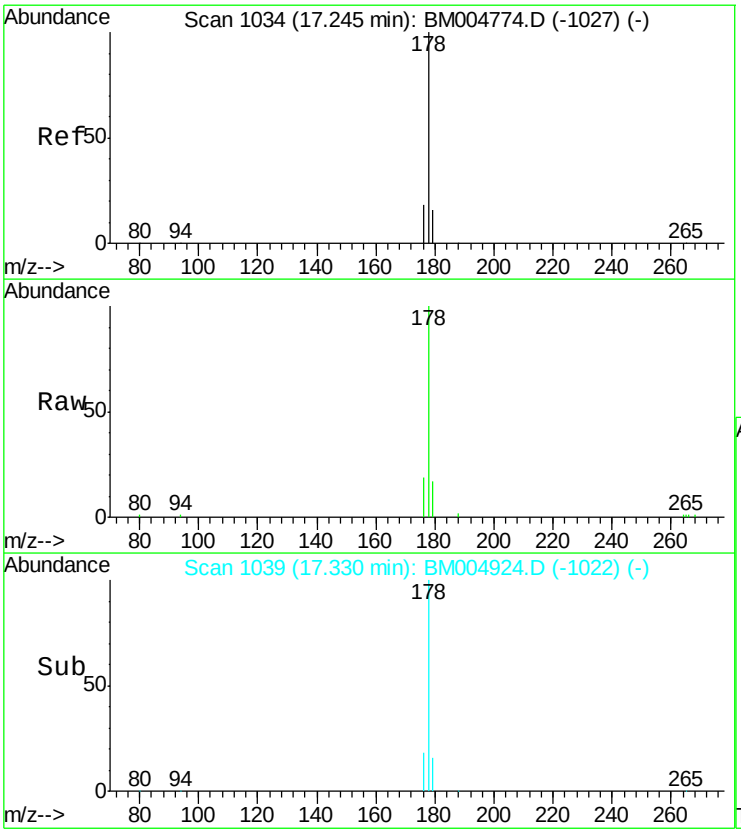
#13
Pentachlorophenol
Concen: 0.24 ng/ul
RT: 16.85 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BM004924.D
Acq: 08 Apr 2016 10:46

Instrument :
BNA_M
ClientSampleId :
SSTD0.437

Tgt Ion:266 Resp: 410

Ion	Ratio	Lower	Upper
266	100		
264	63.7	51.8	77.8
268	66.1	46.8	70.2

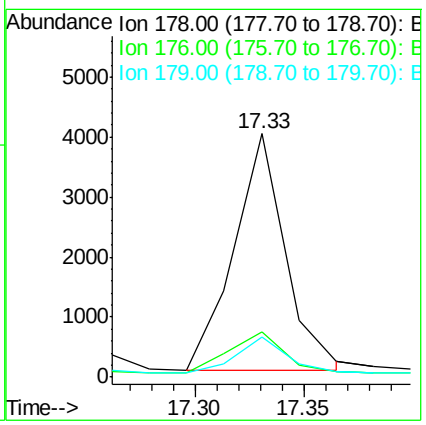


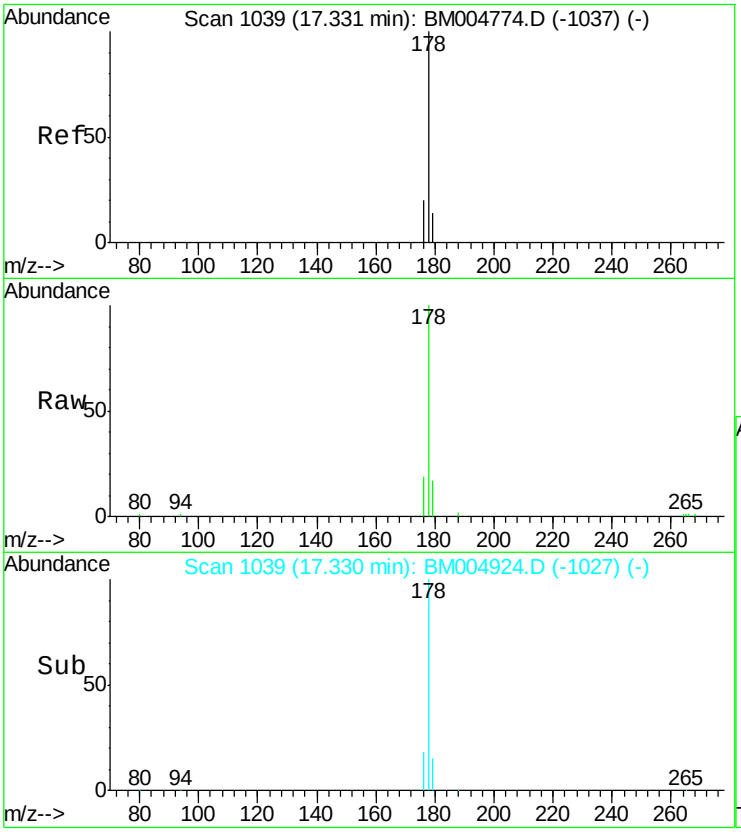


#14
Phenanthrene
Concen: 0.34 ng/ul
RT: 17.33 min Scan# 1039
Delta R.T. 0.09 min
Lab File: BM004924.D
Acq: 08 Apr 2016 10:46

Tgt Ion:178 Resp: 6441

Ion	Ratio	Lower	Upper
178	100		
176	18.6	13.0	19.4
179	16.6	14.2	21.2



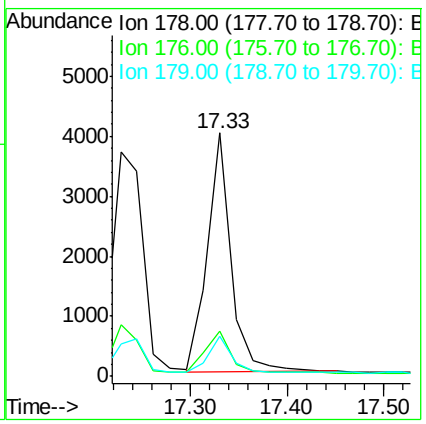


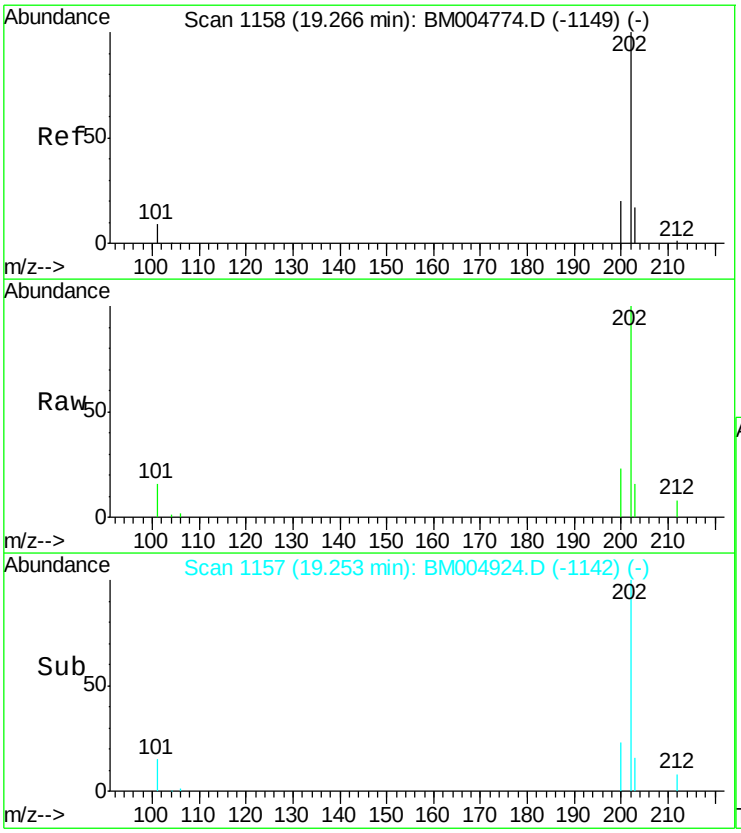
#15
Anthracene
Concen: 0.38 ng/ul
RT: 17.33 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BM004924.D
Acq: 08 Apr 2016 10:46

Instrument :
BNA_M
ClientSampleId :
SSTD0.437

Tgt Ion:178 Resp: 6779

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.0	21.0
179	16.6	12.9	19.3

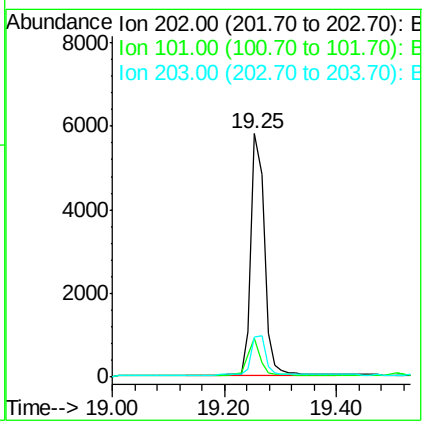


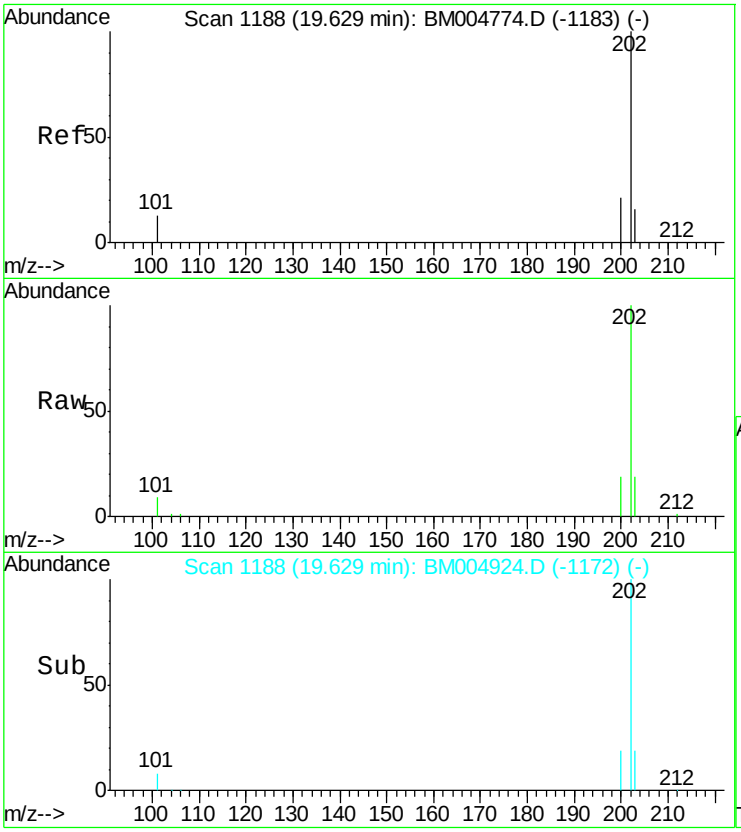


#17
Fluoranthene
Concen: 0.44 ng/ul
RT: 19.25 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BM004924.D
Acq: 08 Apr 2016 10:46

Tgt Ion:202 Resp: 9627

Ion	Ratio	Lower	Upper
202	100		
101	16.1	0.0	29.6
203	16.5	0.0	36.3



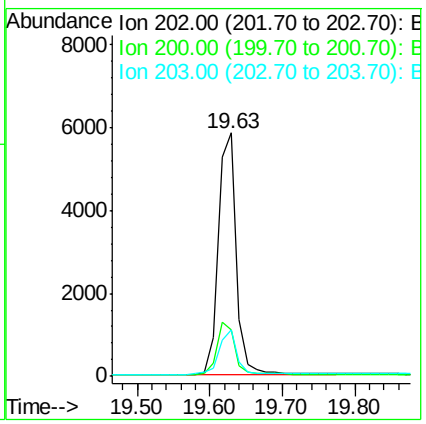


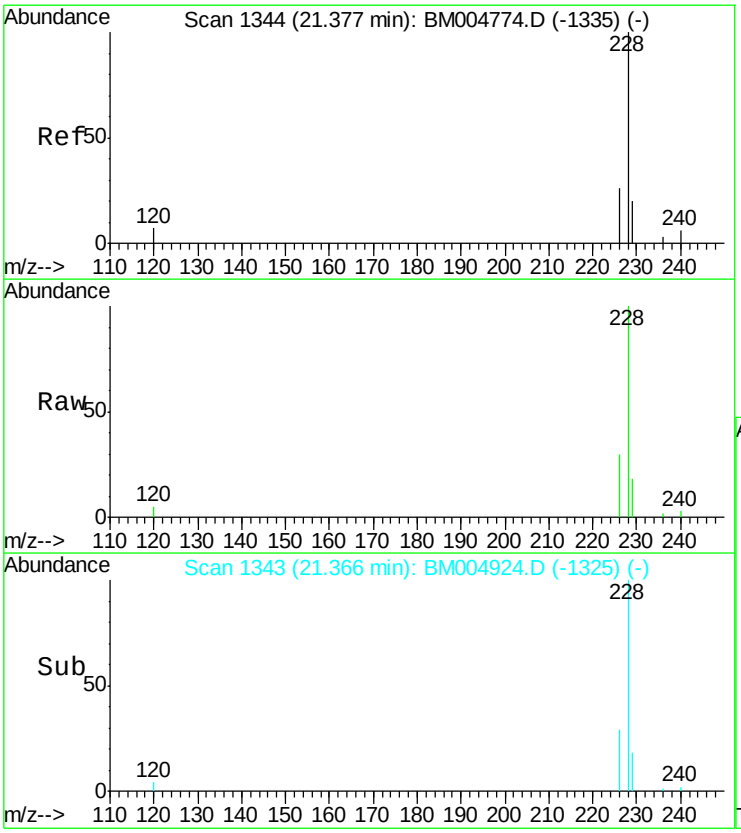
#19
Pyrene
Concen: 0.38 ng/ul
RT: 19.63 min Scan# 1188
Delta R.T. -0.00 min
Lab File: BM004924.D
Acq: 08 Apr 2016 10:46

Instrument :
BNA_M
ClientSampleId :
SSTD0.437

Tgt Ion:202 Resp: 10050

Ion	Ratio	Lower	Upper
202	100		
200	19.3	17.8	26.8
203	19.3	12.8	19.2#

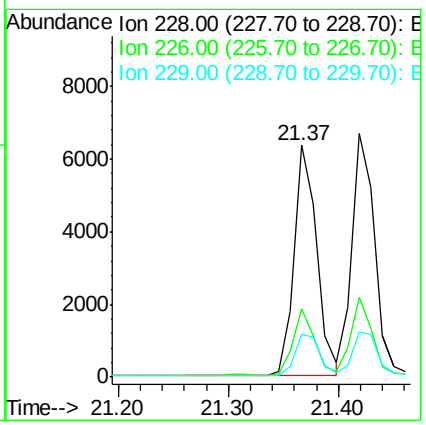


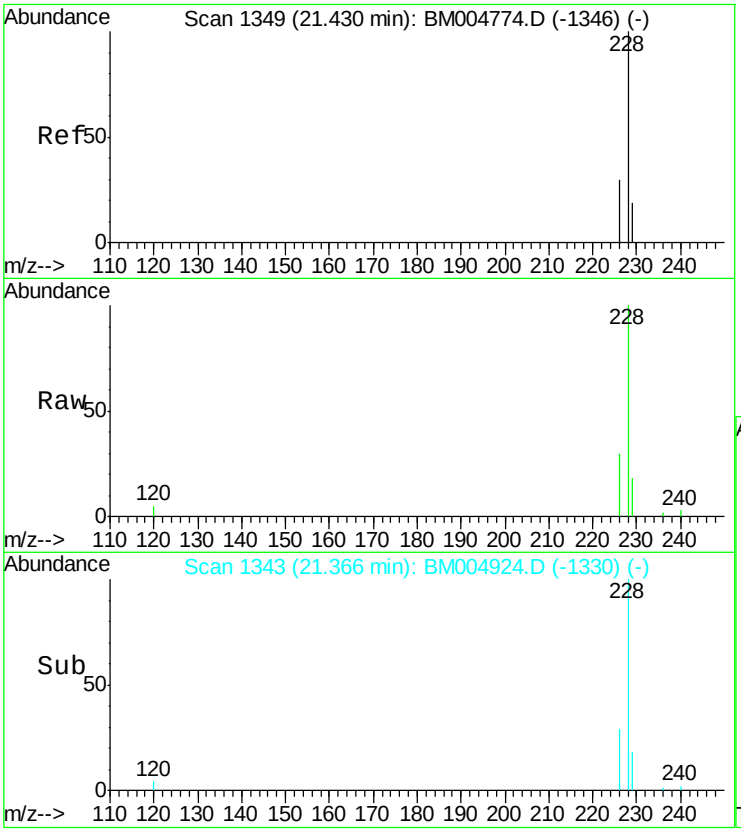


#20
Benzo(a)anthracene
Concen: 0.38 ng/ul
RT: 21.37 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BM004924.D
Acq: 08 Apr 2016 10:46

Tgt Ion:228 Resp: 8977

Ion	Ratio	Lower	Upper
228	100		
226	29.7	18.8	28.2#
229	18.5	17.1	25.7



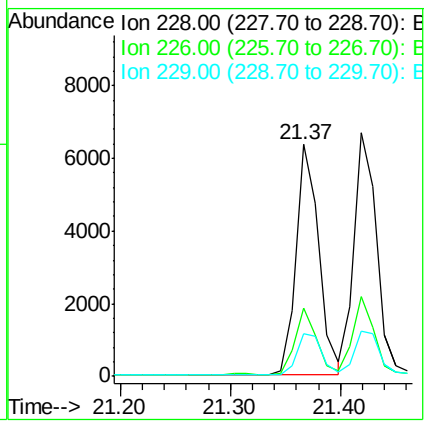


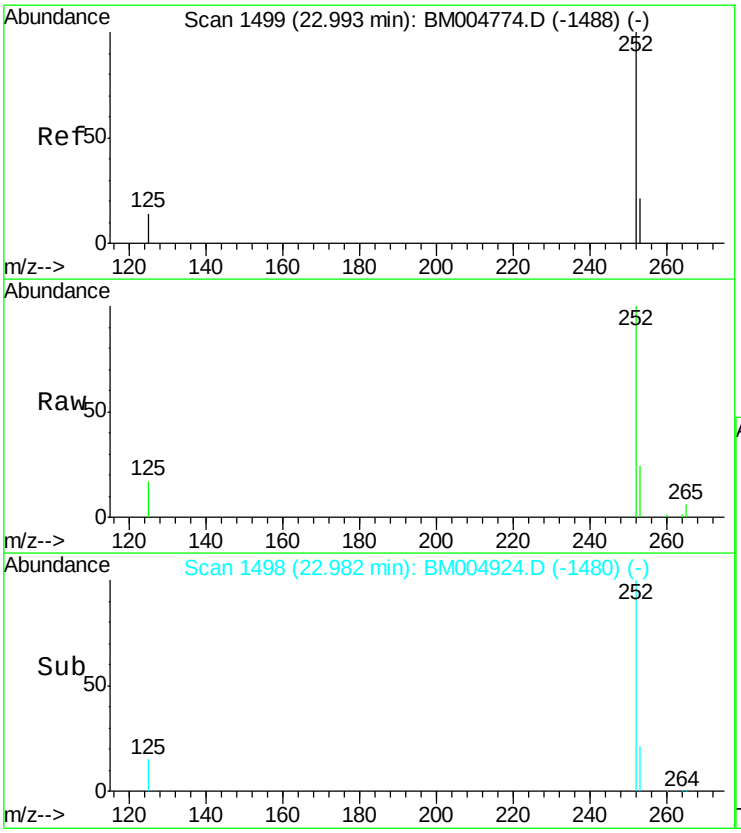
#21
Chrysene
Concen: 0.39 ng/ul
RT: 21.37 min Scan# 1343
Delta R.T. -0.06 min
Lab File: BM004924.D
Acq: 08 Apr 2016 10:46

Instrument :
BNA_M
ClientSampleId :
SSTD0.437

Tgt Ion:228 Resp: 8977

Ion	Ratio	Lower	Upper
228	100		
226	29.7	21.2	31.8
229	18.5	17.0	25.6

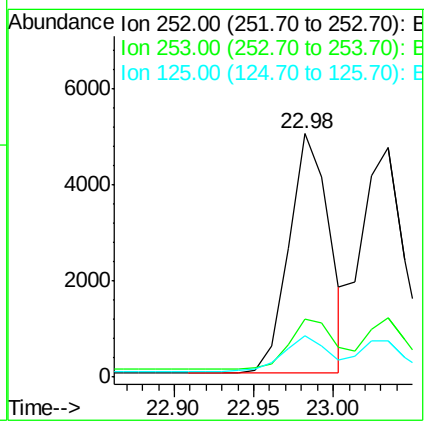


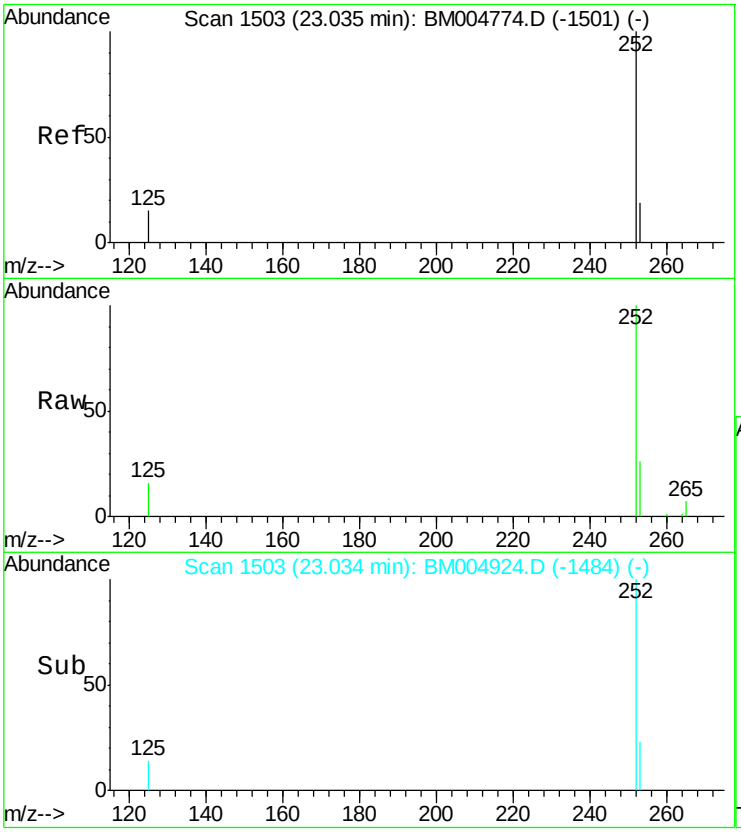


#23
Benzo(b)fluoranthene
Concen: 0.40 ng/ul
RT: 22.98 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BM004924.D
Acq: 08 Apr 2016 10:46

Tgt Ion:252 Resp: 8781

Ion	Ratio	Lower	Upper
252	100		
253	24.0	0.0	45.4
125	17.0	0.0	28.8



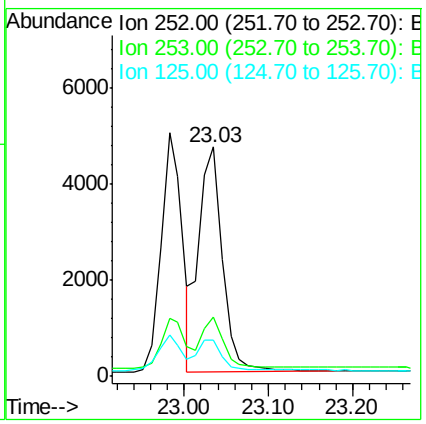


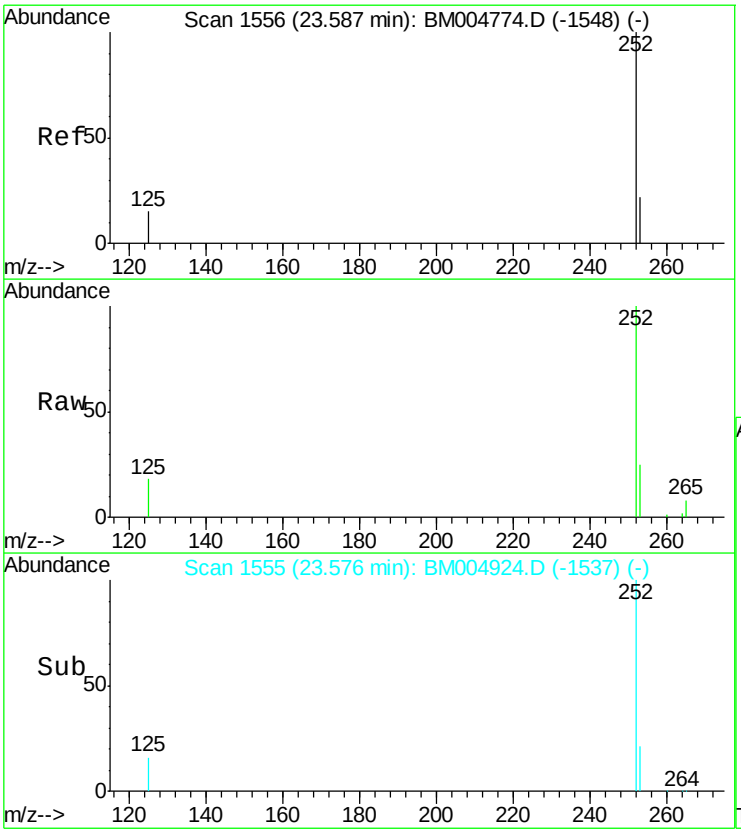
#24
Benzo(k)fluoranthene
Concen: 0.44 ng/ul
RT: 23.03 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BM004924.D
Acq: 08 Apr 2016 10:46

Instrument :
BNA_M
ClientSampleId :
SSTD0.437

Tgt Ion:252 Resp: 8959

Ion	Ratio	Lower	Upper
252	100		
253	25.8	19.8	29.8
125	16.0	10.4	15.6#

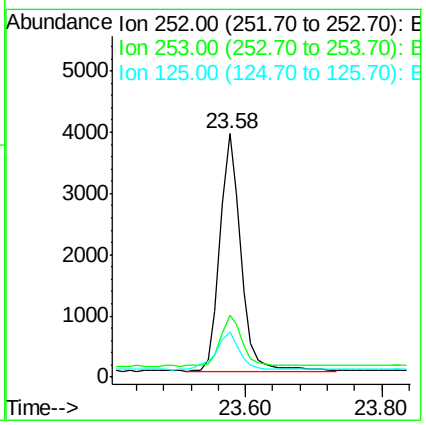


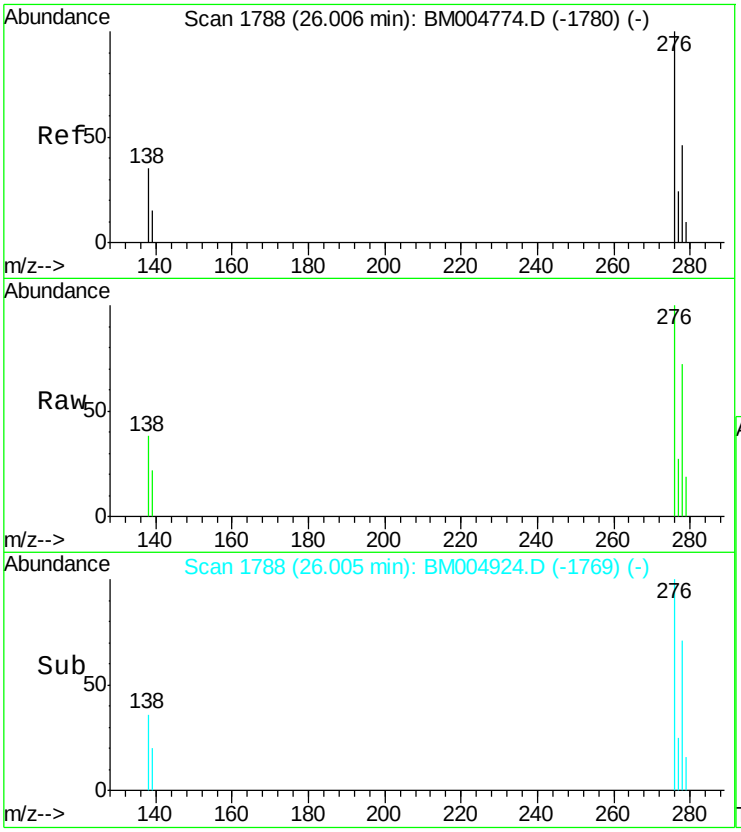


#25
Benzo(a)pyrene
Concen: 0.41 ng/ul
RT: 23.58 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BM004924.D
Acq: 08 Apr 2016 10:46

Tgt Ion:252 Resp: 8181

Ion	Ratio	Lower	Upper
252	100		
253	25.2	19.4	29.2
125	18.5	12.7	19.1



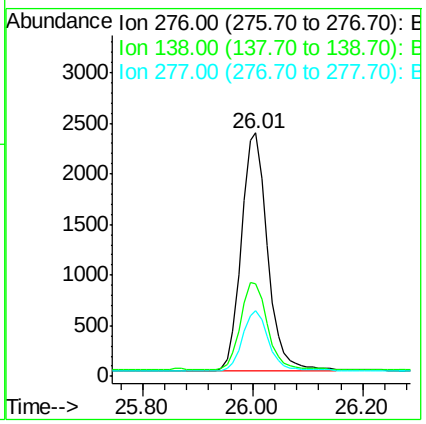


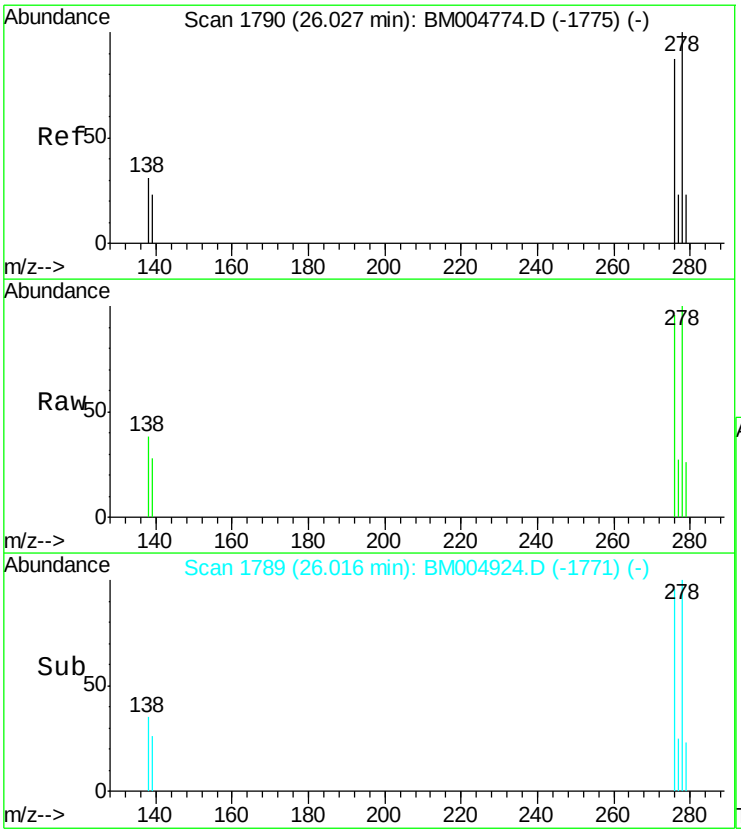
#26
Indeno(1,2,3-cd)pyrene
Concen: 0.43 ng/ul
RT: 26.01 min Scan# 1788
Delta R.T. -0.00 min
Lab File: BM004924.D
Acq: 08 Apr 2016 10:46

Instrument :
BNA_M
ClientSampleId :
SSTD0.437

Tgt Ion:276 Resp: 7895

Ion	Ratio	Lower	Upper
276	100		
138	37.7	16.3	24.5#
277	25.0	19.8	29.8

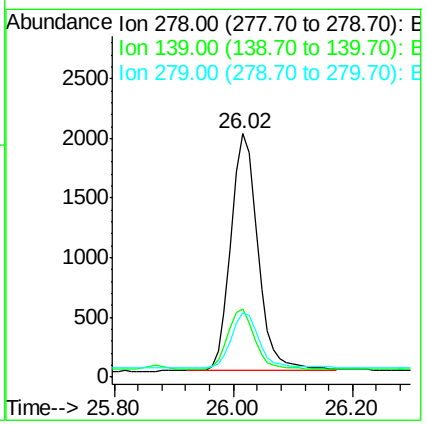


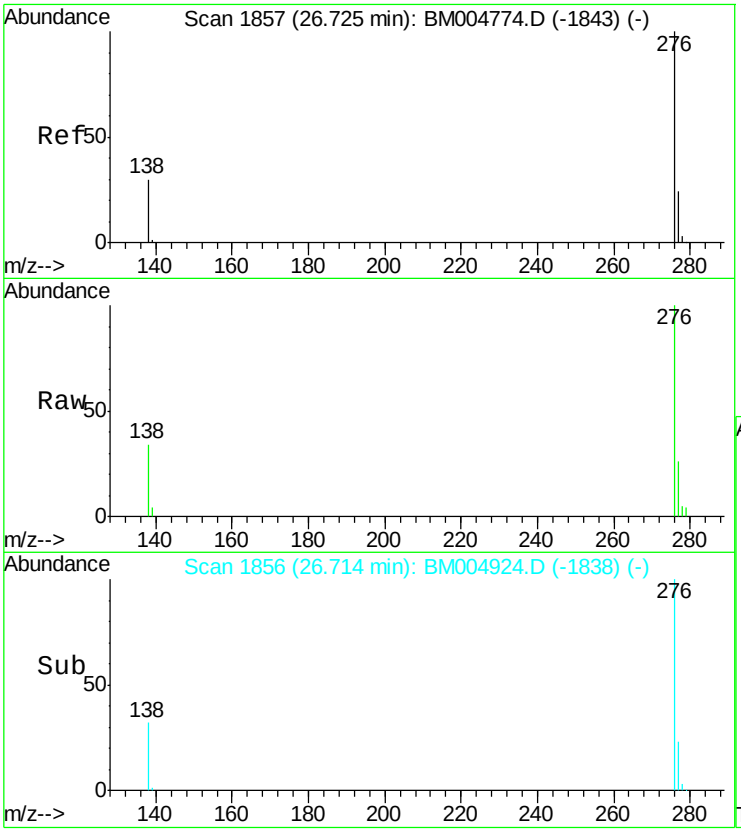


#27
Dibenzo(a,h)anthracene
Concen: 0.43 ng/ul
RT: 26.02 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BM004924.D
Acq: 08 Apr 2016 10:46

Tgt Ion:278 Resp: 6302

Ion	Ratio	Lower	Upper
278	100		
139	28.2	16.4	24.6#
279	26.4	20.2	30.2





#28
Benzo(g,h,i)perylene
Concen: 0.44 ng/ul
RT: 26.71 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BM004924.D
Acq: 08 Apr 2016 10:46

Instrument :
BNA_M
ClientSampleId :
SSTD0.437

Tgt Ion:276 Resp: 6711

Ion	Ratio	Lower	Upper
276	100		
277	25.5	18.9	28.3
138	33.9	22.5	33.7#