Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM091115\
Data File : BM002694.D
Acq On : 11 Sep 2015 22:52
Operator : UM/IZ
Sample : MDL-04-S
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Sep 12 01:58:39 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM90315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 12 01:57:16 2015
Response via : Initial Calibration

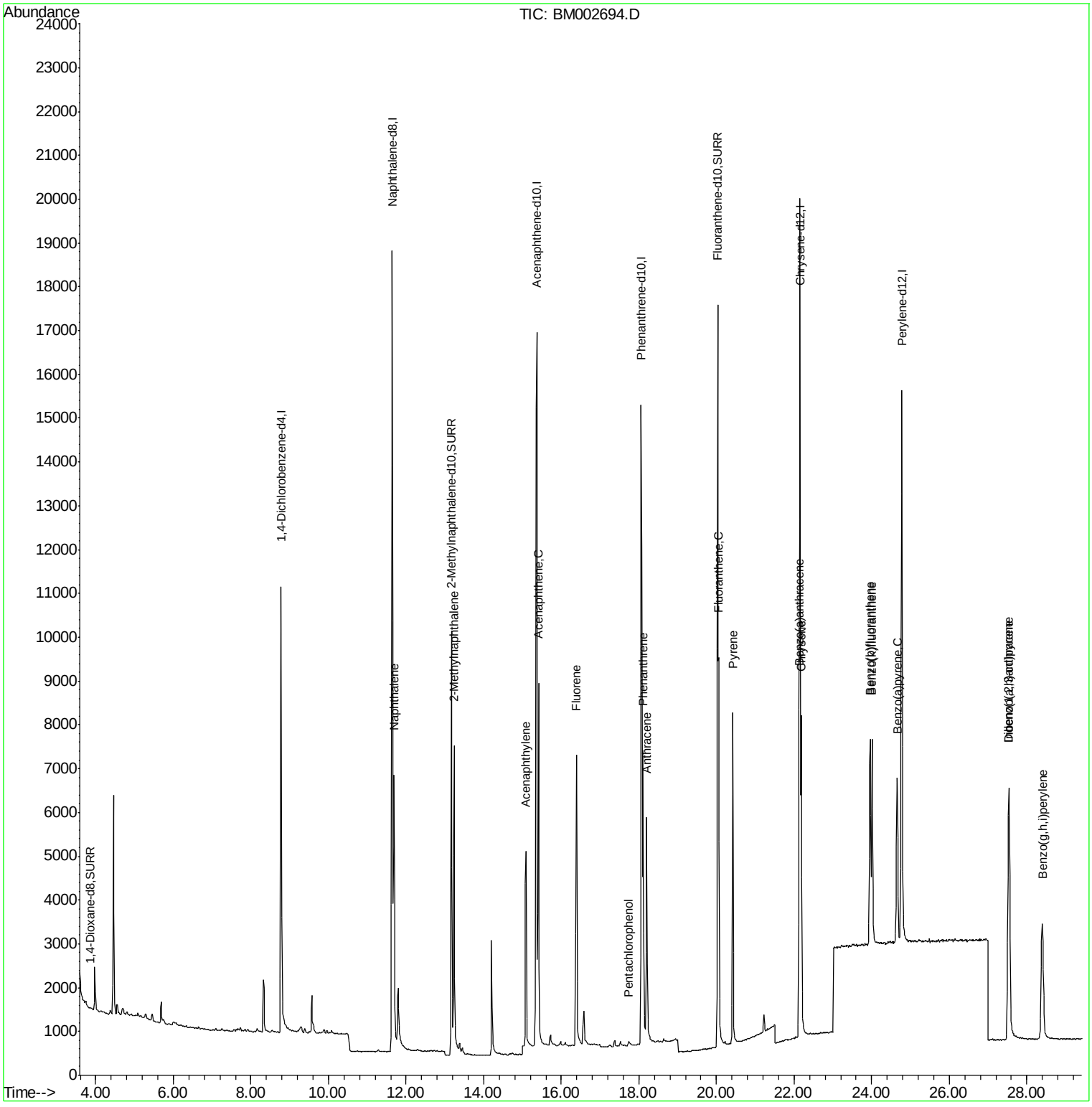
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	7714	0.40	ng/ul	0.00
4) Naphthalene-d8	11.64	136	29713	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.36	164	13232	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.06	188	24084	0.40	ng/ul	0.00
18) Chrysene-d12	22.15	240	20950	0.40	ng/ul	0.00
22) Perylene-d12	24.78	264	20286	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.85	96	22	0.00	ng/uL	0.03
6) 2-Methylnaphthalene-d10	13.16	152	15427	0.39	ng/ul	-0.01
16) Fluoranthene-d10	20.04	212	20615	0.37	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	11.69	128	9041	0.12	ng/ul	100
7) 2-Methylnaphthalene	13.23	142	5990	0.12	ng/ul	97
9) Acenaphthylene	15.09	152	7519	0.11	ng/ul	96
10) Acenaphthene	15.42	153	5226	0.11	ng/ul	90
11) Fluorene	16.39	166	5265	0.10	ng/ul	87
13) Pentachlorophenol	17.74	266	197	0.08	ng/ul	92
14) Phenanthrene	18.11	178	7607	0.11	ng/ul	98
15) Anthracene	18.20	178	7084	0.10	ng/ul	98
17) Fluoranthene	20.06	202	8105	0.11	ng/ul	97
19) Pyrene	20.42	202	8248	0.10	ng/ul	94
20) Benzo(a)anthracene	22.13	228	7000	0.10	ng/ul	98
21) Chrysene	22.19	228	7323	0.11	ng/ul	96
23) Benzo(b)fluoranthene	23.96	252	7300	0.10	ng/ul	84
24) Benzo(k)fluoranthene	24.01	252	7509	0.11	ng/ul#	84
25) Benzo(a)pyrene	24.66	252	6900	0.10	ng/ul#	81
26) Indeno(1,2,3-cd)pyrene	27.54	276	7928	0.10	ng/ul	98
27) Dibenzo(a,h)anthracene	27.54	278	6191	0.10	ng/ul	92
28) Benzo(g,h,i)perylene	28.40	276	7095	0.10	ng/ul	96

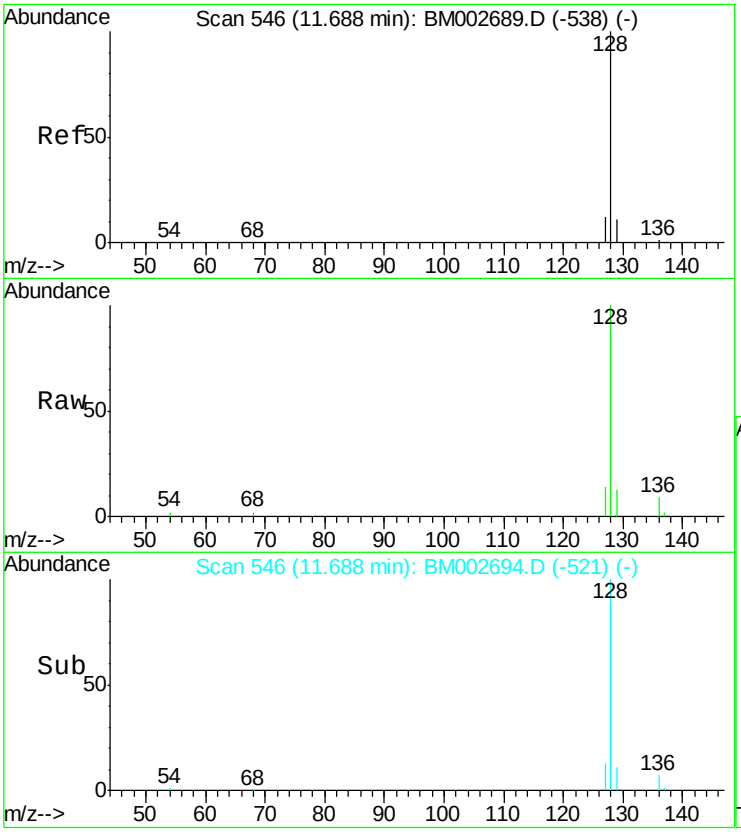
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM091115\
Data File : BM002694.D
Acq On : 11 Sep 2015 22:52
Operator : UM/IZ
Sample : MDL-04-S
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Sep 12 01:58:39 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM90315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 12 01:57:16 2015
Response via : Initial Calibration

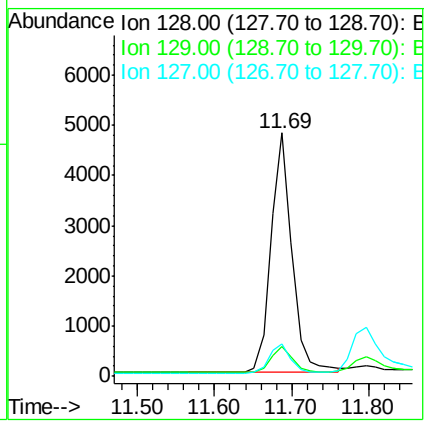


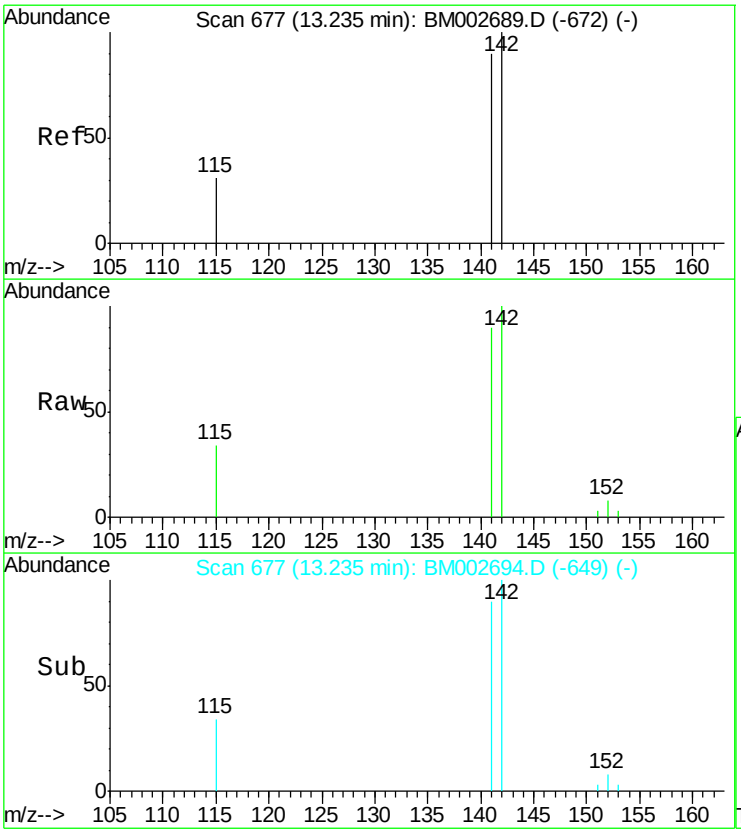


#5
Naphthalene
Concen: 0.12 ng/ul
RT: 11.69 min Scan# 546
Delta R.T. -0.00 min
Lab File: BM002694.D
Acq: 11 Sep 2015 22:52

Tgt Ion:128 Resp: 9041

Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.8	14.8
127	13.6	10.7	16.1

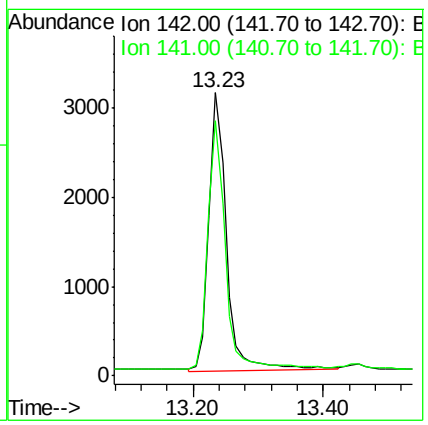


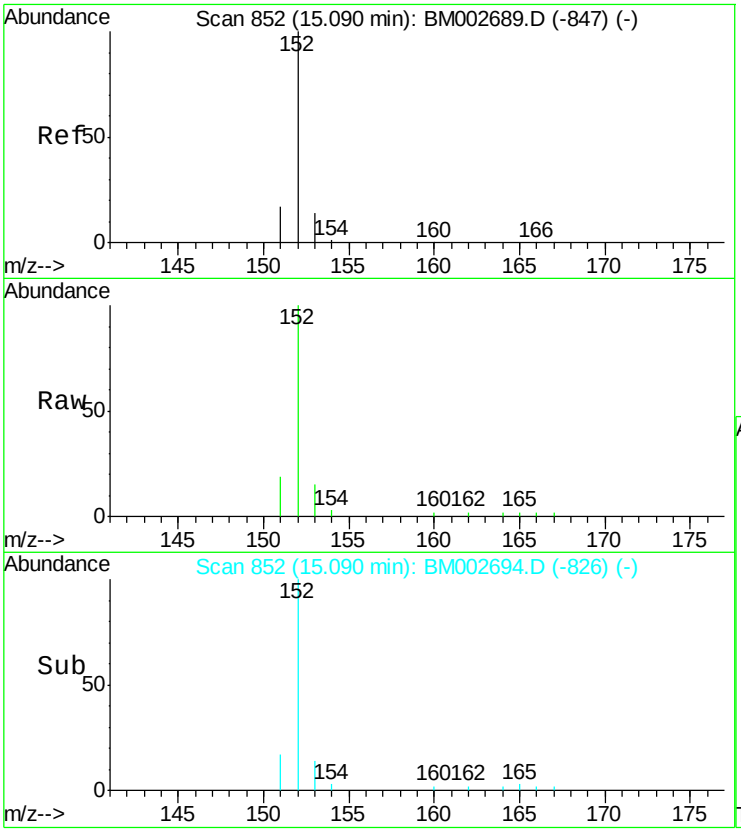


#7
2-Methylnaphthalene
Concen: 0.12 ng/ul
RT: 13.23 min Scan# 677
Delta R.T. -0.00 min
Lab File: BM002694.D
Acq: 11 Sep 2015 22:52

Tgt Ion:142 Resp: 5990

Ion	Ratio	Lower	Upper
142	100		
141	90.6	70.3	105.5

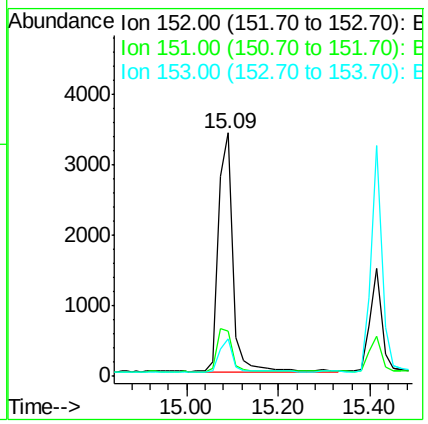


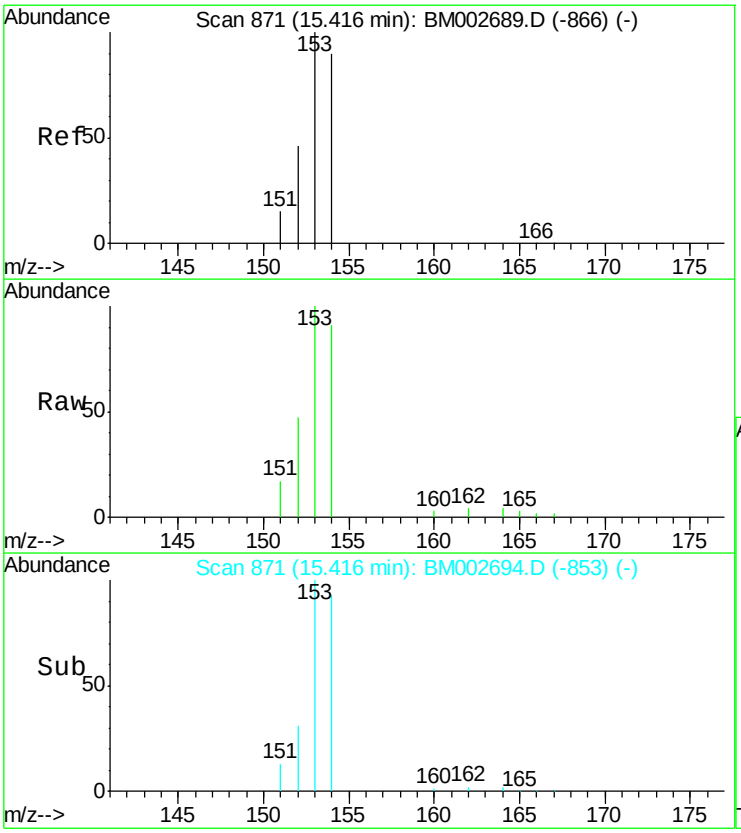


#9
Acenaphthylene
Concen: 0.11 ng/ul
RT: 15.09 min Scan# 852
Delta R.T. -0.00 min
Lab File: BM002694.D
Acq: 11 Sep 2015 22:52

Tgt Ion:152 Resp: 7519

Ion	Ratio	Lower	Upper
152	100		
151	18.8	16.8	25.2
153	15.4	11.3	16.9

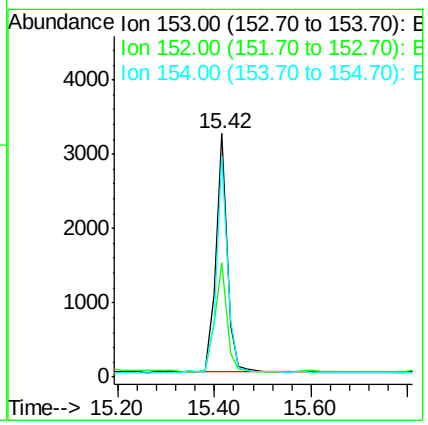


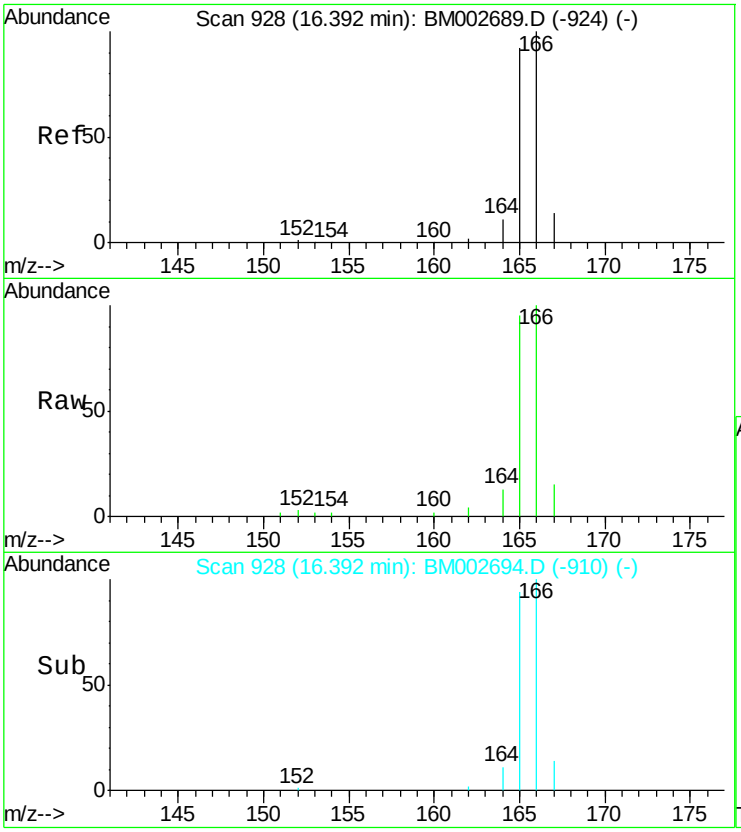


#10
Acenaphthene
Concen: 0.11 ng/ul
RT: 15.42 min Scan# 871
Delta R.T. -0.00 min
Lab File: BM002694.D
Acq: 11 Sep 2015 22:52

Tgt Ion:153 Resp: 5226

Ion	Ratio	Lower	Upper
153	100		
152	46.8	42.3	63.5
154	90.6	64.7	97.1

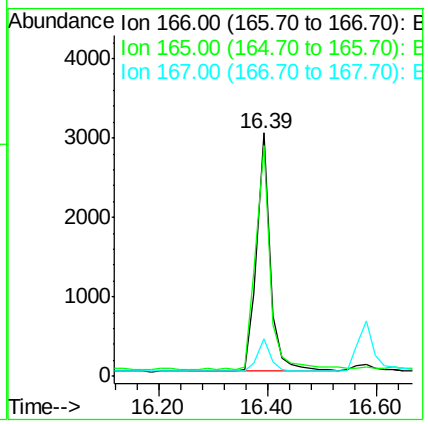


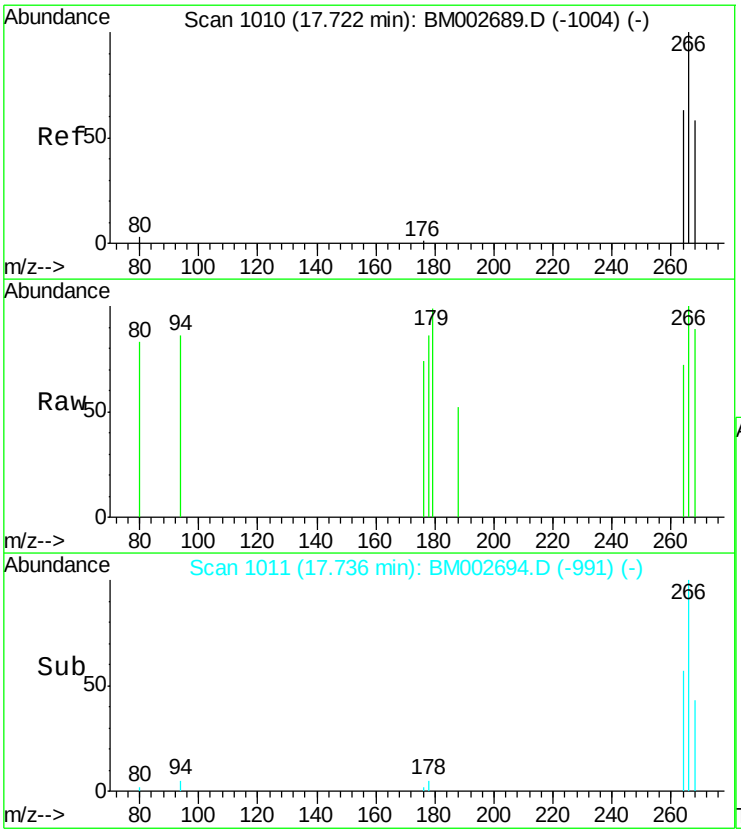


#11
Fluorene
Concen: 0.10 ng/ul
RT: 16.39 min Scan# 928
Delta R.T. -0.00 min
Lab File: BM002694.D
Acq: 11 Sep 2015 22:52

Tgt Ion:166 Resp: 5265

Ion	Ratio	Lower	Upper
166	100		
165	95.1	87.6	131.4
167	15.3	11.1	16.7

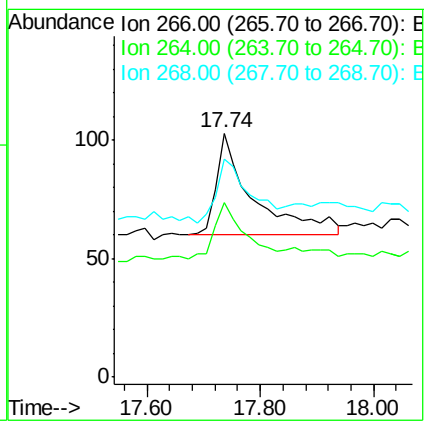


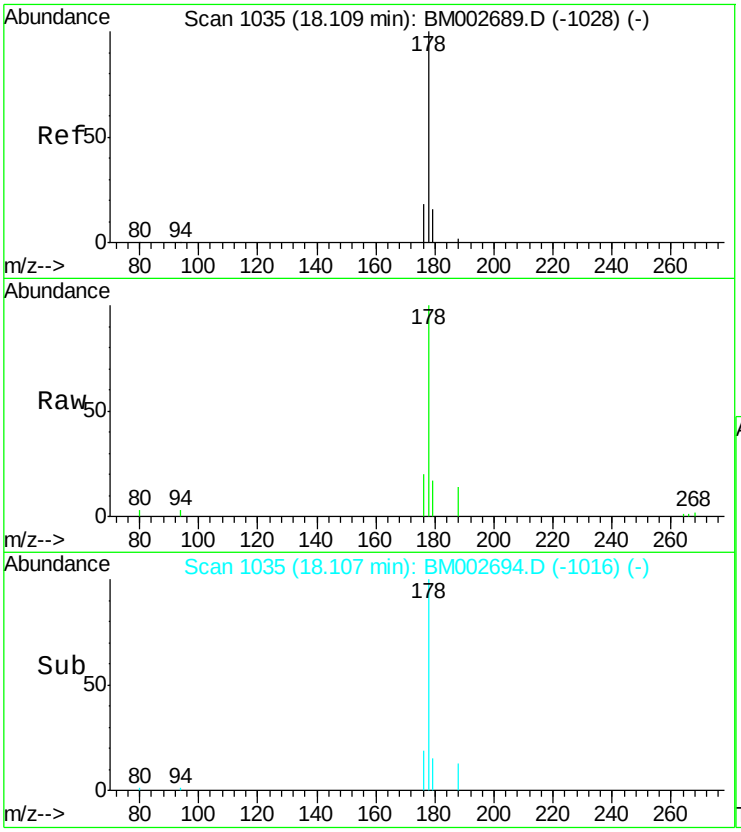


#13
Pentachlorophenol
Concen: 0.08 ng/ul
RT: 17.74 min Scan# 1011
Delta R.T. 0.01 min
Lab File: BM002694.D
Acq: 11 Sep 2015 22:52

Tgt Ion:266 Resp: 197

Ion	Ratio	Lower	Upper
266	100		
264	56.9	53.5	80.3
268	70.6	54.2	81.2

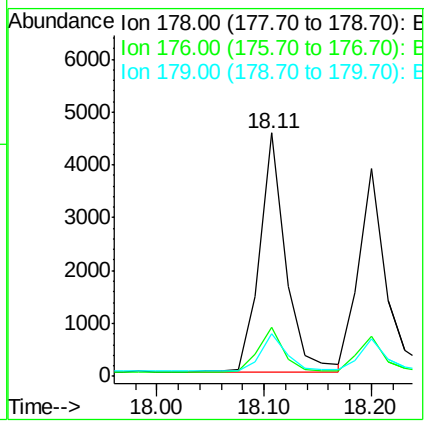


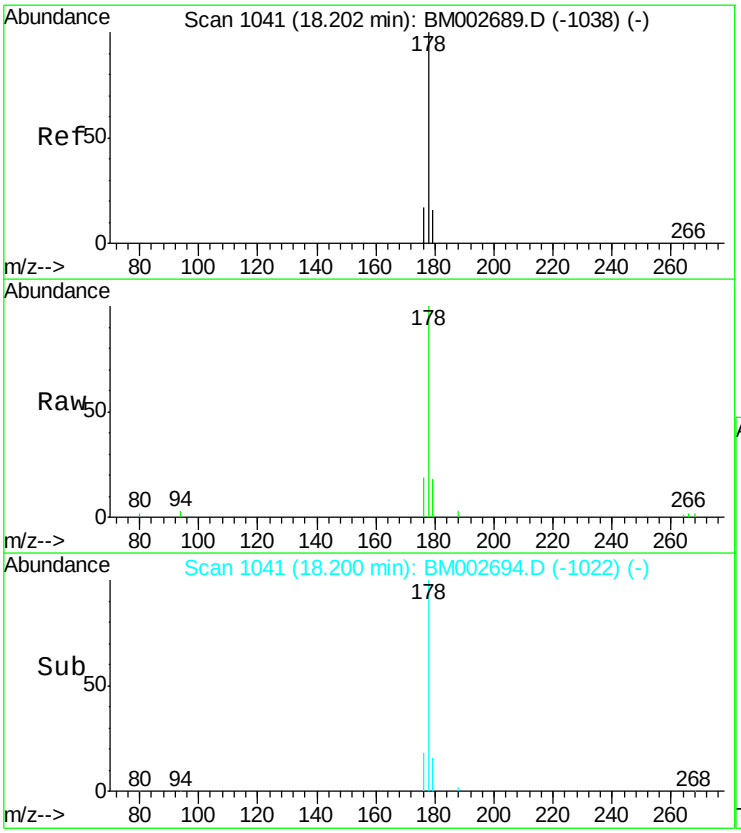


#14
Phenanthrene
Concen: 0.11 ng/ul
RT: 18.11 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BM002694.D
Acq: 11 Sep 2015 22:52

Tgt Ion:178 Resp: 7607

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.2	24.4
179	17.3	12.8	19.2

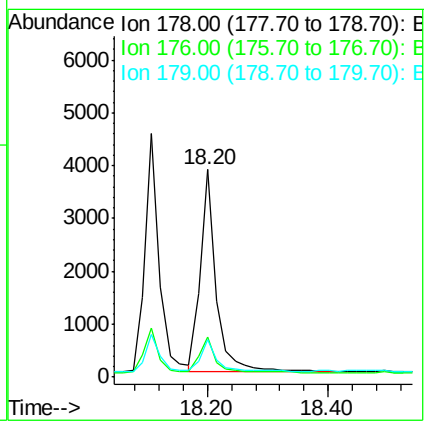


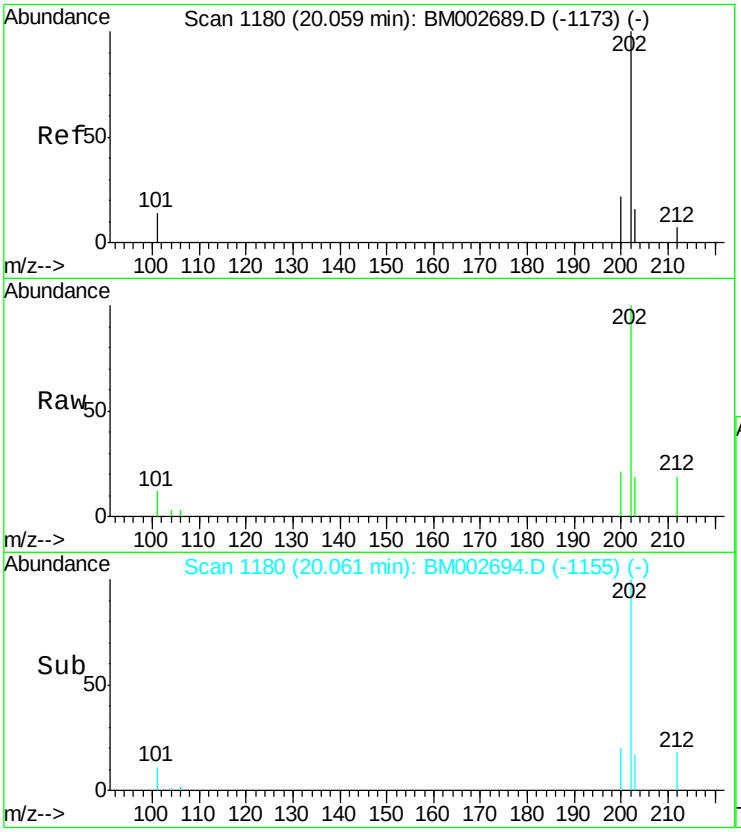


#15
Anthracene
Concen: 0.10 ng/ul
RT: 18.20 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BM002694.D
Acq: 11 Sep 2015 22:52

Tgt Ion:178 Resp: 7084

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	17.9	13.3	19.9

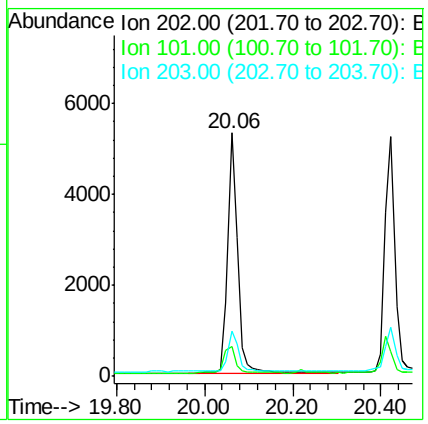


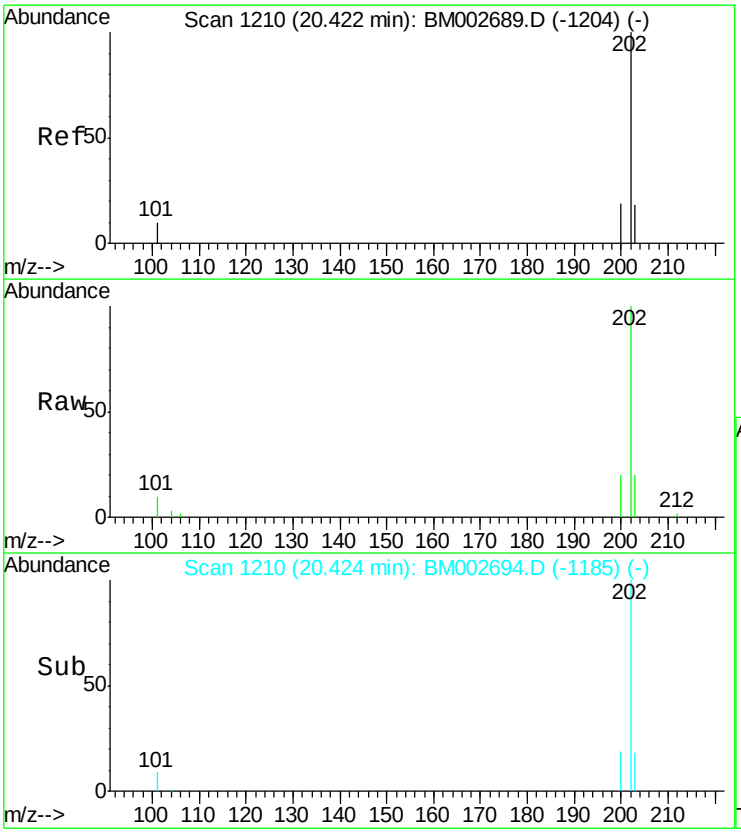


#17
Fluoranthene
Concen: 0.11 ng/ul
RT: 20.06 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BM002694.D
Acq: 11 Sep 2015 22:52

Tgt Ion:202 Resp: 8105

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	33.1
203	18.7	0.0	37.2

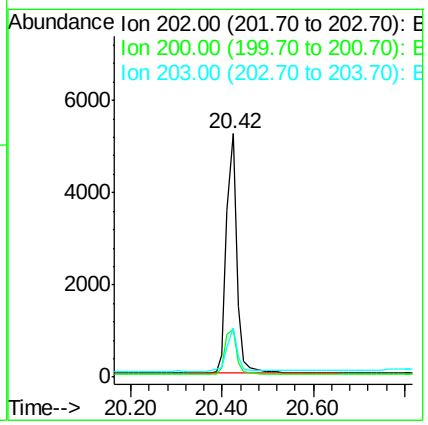


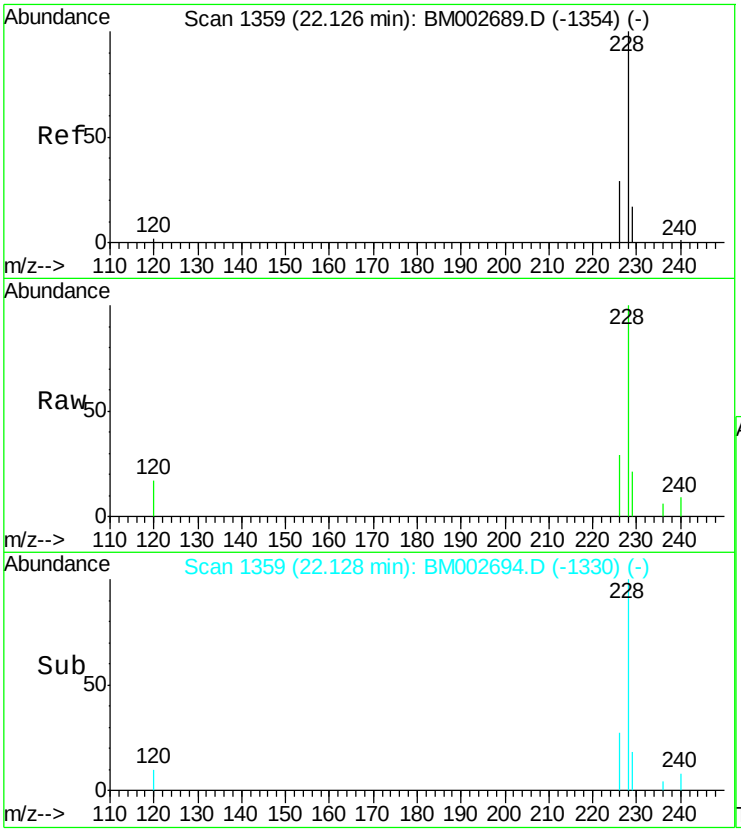


#19
Pyrene
Concen: 0.10 ng/ul
RT: 20.42 min Scan# 1210
Delta R.T. 0.00 min
Lab File: BM002694.D
Acq: 11 Sep 2015 22:52

Tgt Ion:202 Resp: 8248

Ion	Ratio	Lower	Upper
202	100		
200	19.5	18.0	27.0
203	20.2	13.8	20.6

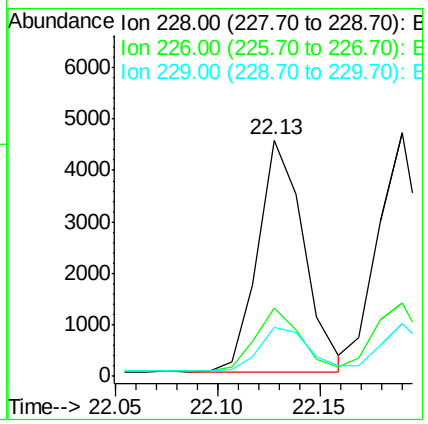


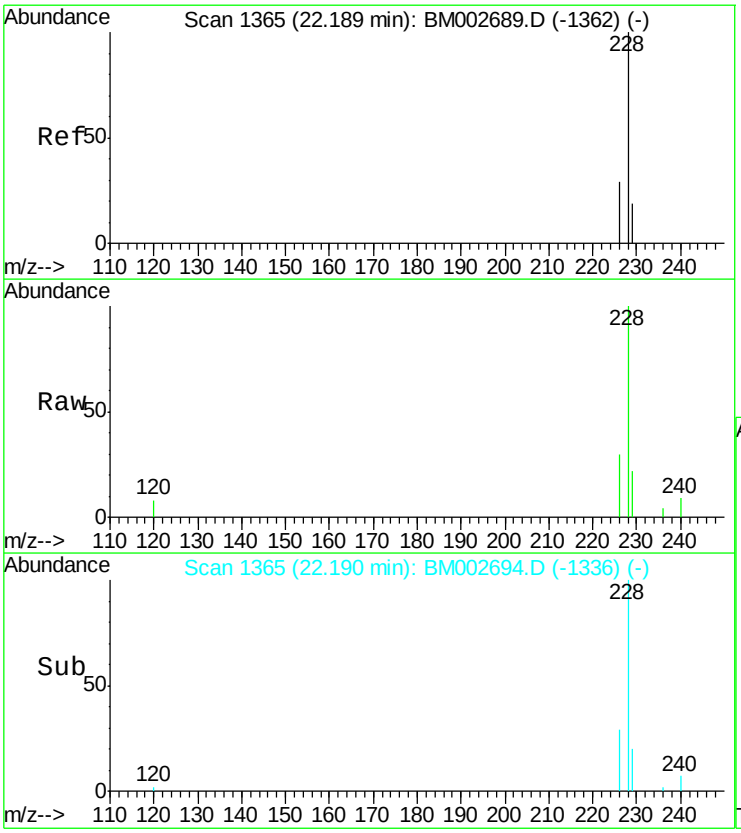


#20
Benzo(a)anthracene
Concen: 0.10 ng/ul
RT: 22.13 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BM002694.D
Acq: 11 Sep 2015 22:52

Tgt Ion:228 Resp: 7000

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.0	34.4
229	20.5	15.2	22.8

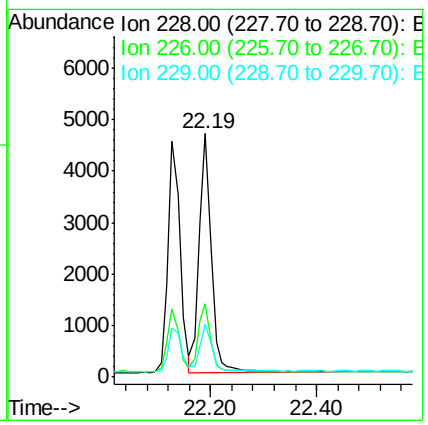


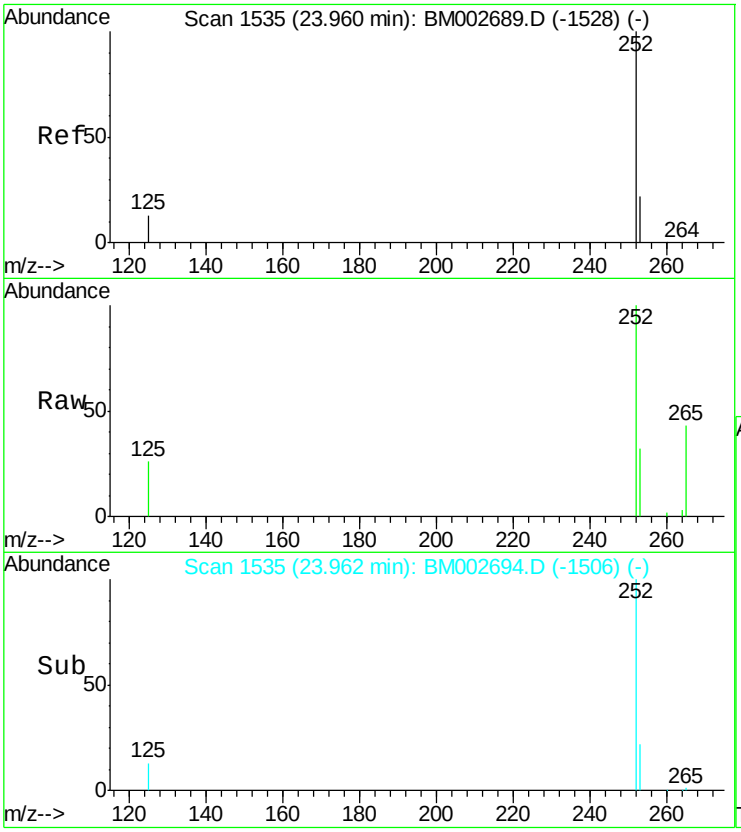


#21
Chrysene
Concen: 0.11 ng/ul
RT: 22.19 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BM002694.D
Acq: 11 Sep 2015 22:52

Tgt Ion:228 Resp: 7323

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.7	38.5
229	21.5	15.2	22.8

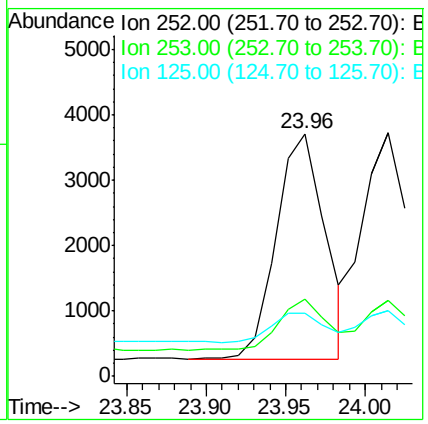


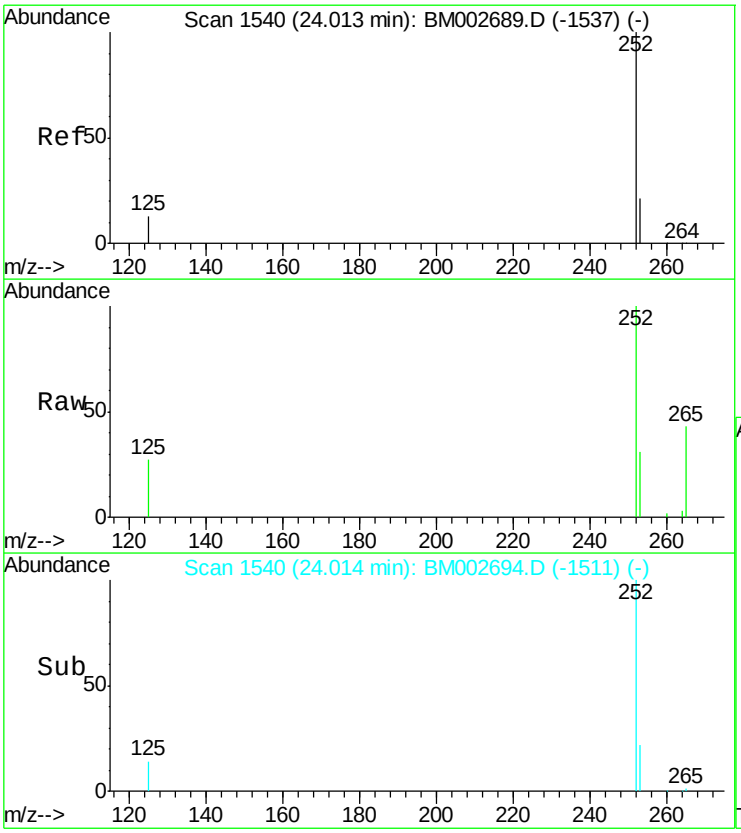


#23
Benzo(b)fluoranthene
Concen: 0.10 ng/ul
RT: 23.96 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BM002694.D
Acq: 11 Sep 2015 22:52

Tgt Ion:252 Resp: 7300

Ion	Ratio	Lower	Upper
252	100		
253	31.7	0.0	48.0
125	26.1	0.0	36.6

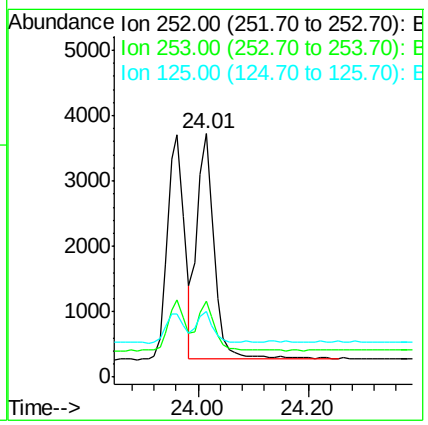


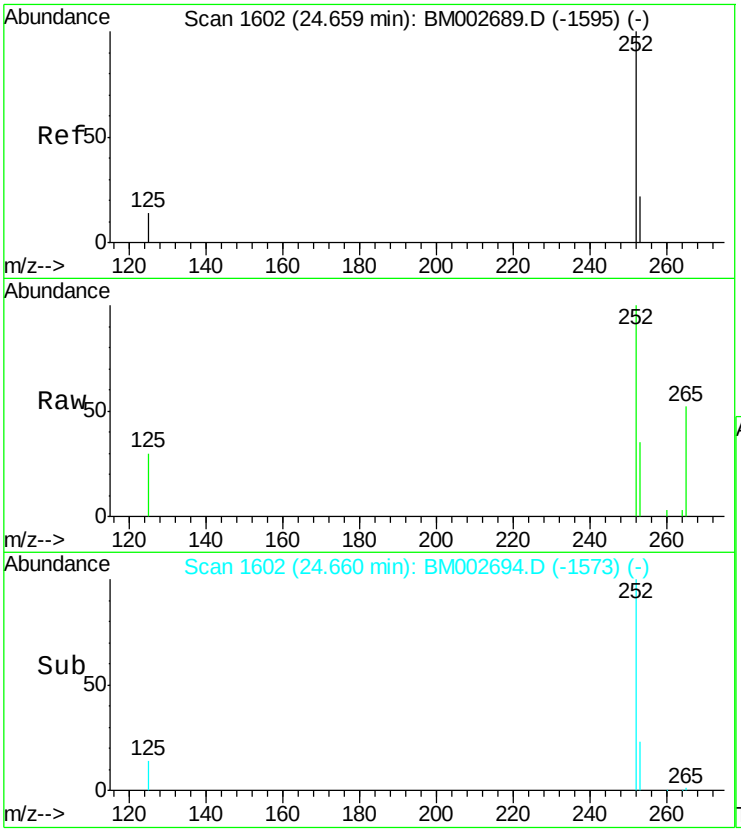


#24
Benzo(k)fluoranthene
Concen: 0.11 ng/ul
RT: 24.01 min Scan# 1540
Delta R.T. 0.00 min
Lab File: BM002694.D
Acq: 11 Sep 2015 22:52

Tgt Ion:252 Resp: 7509

Ion	Ratio	Lower	Upper
252	100		
253	30.9	20.8	31.2
125	26.9	12.2	18.4#

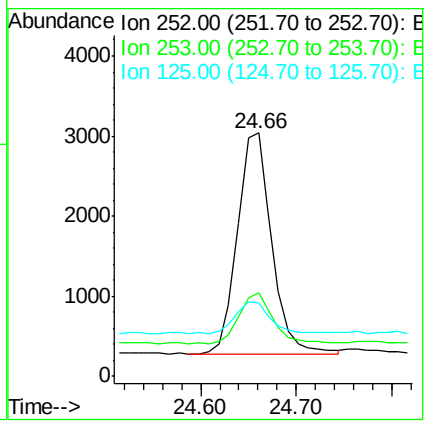


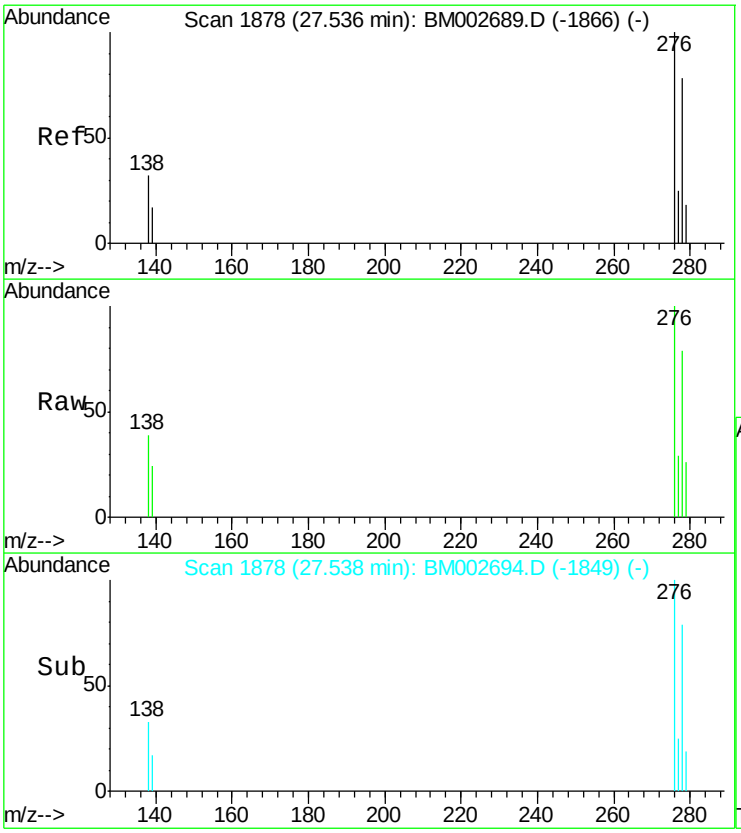


#25
Benzo(a)pyrene
Concen: 0.10 ng/ul
RT: 24.66 min Scan# 1602
Delta R.T. 0.00 min
Lab File: BM002694.D
Acq: 11 Sep 2015 22:52

Tgt Ion:252 Resp: 6900

Ion	Ratio	Lower	Upper
252	100		
253	34.5	21.8	32.8#
125	30.2	14.5	21.7#

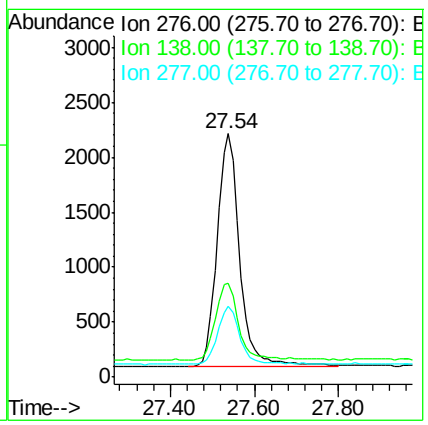


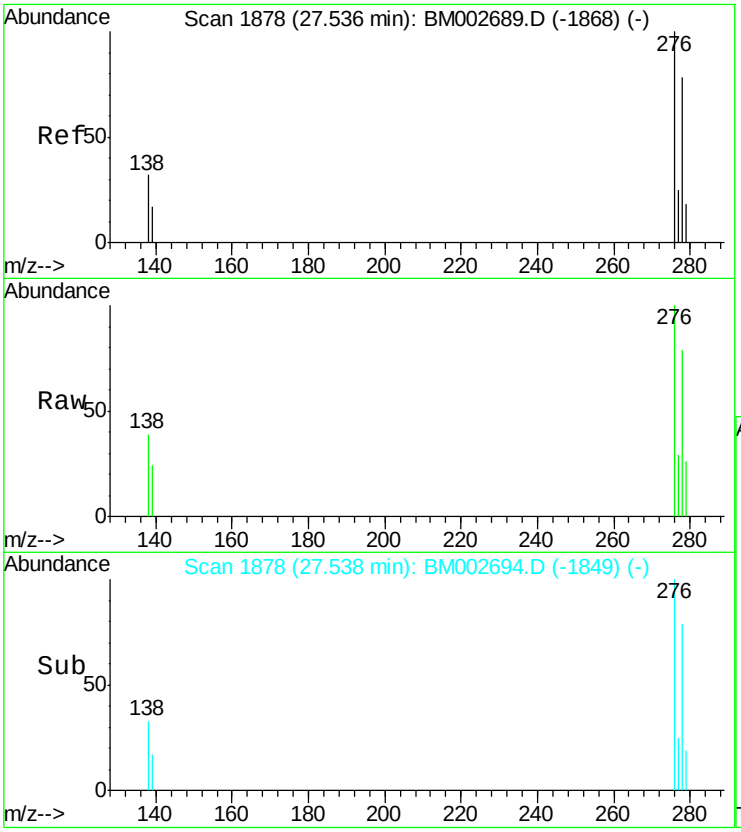


#26
Indeno(1,2,3-cd)pyrene
Concen: 0.10 ng/ul
RT: 27.54 min Scan# 1878
Delta R.T. 0.00 min
Lab File: BM002694.D
Acq: 11 Sep 2015 22:52

Tgt Ion:276 Resp: 7928

Ion	Ratio	Lower	Upper
276	100		
138	33.0	27.5	41.3
277	25.1	19.3	28.9

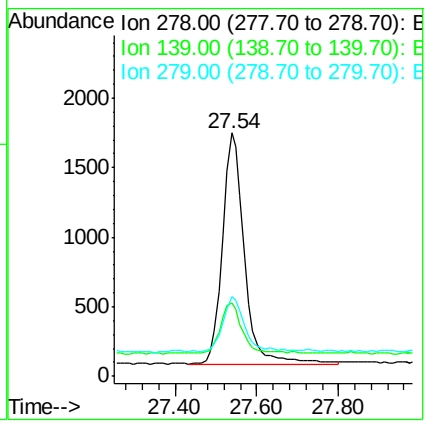


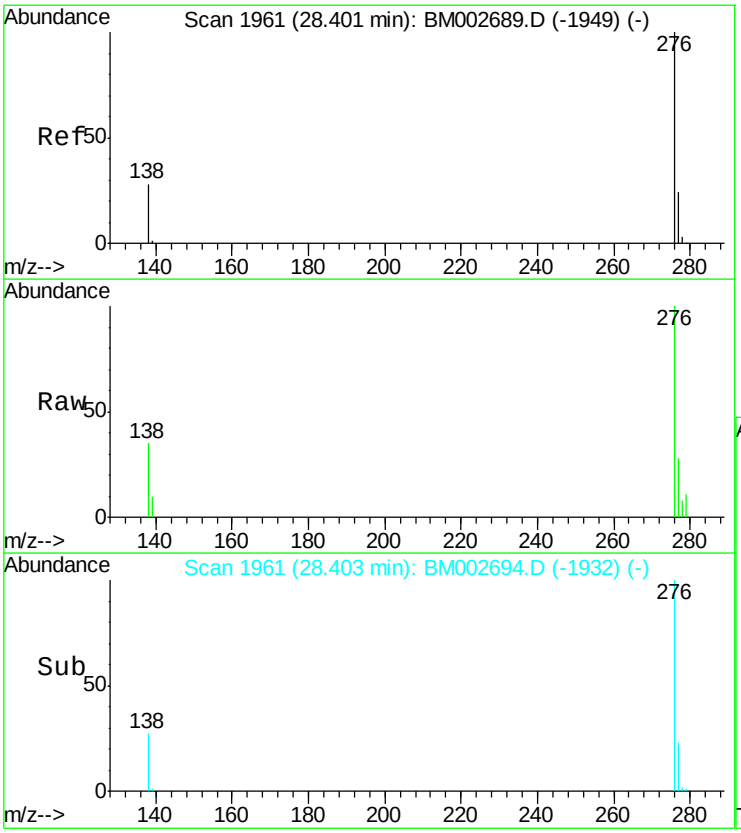


#27
Dibenzo(a,h)anthracene
Concen: 0.10 ng/ul
RT: 27.54 min Scan# 1878
Delta R.T. 0.00 min
Lab File: BM002694.D
Acq: 11 Sep 2015 22:52

Tgt Ion:278 Resp: 6191

Ion	Ratio	Lower	Upper
278	100		
139	30.1	21.7	32.5
279	32.7	21.9	32.9





#28
Benzo(g,h,i)perylene
Concen: 0.10 ng/ul
RT: 28.40 min Scan# 1961
Delta R.T. 0.00 min
Lab File: BM002694.D
Acq: 11 Sep 2015 22:52

Tgt Ion:276 Resp: 7095

Ion	Ratio	Lower	Upper
276	100		
277	28.5	21.3	31.9
138	34.6	25.5	38.3