Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM091115\
Data File : BM002695.D
Acq On : 11 Sep 2015 23:28
Operator : UM/IZ
Sample : MDL-05-S
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 12 01:58:48 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

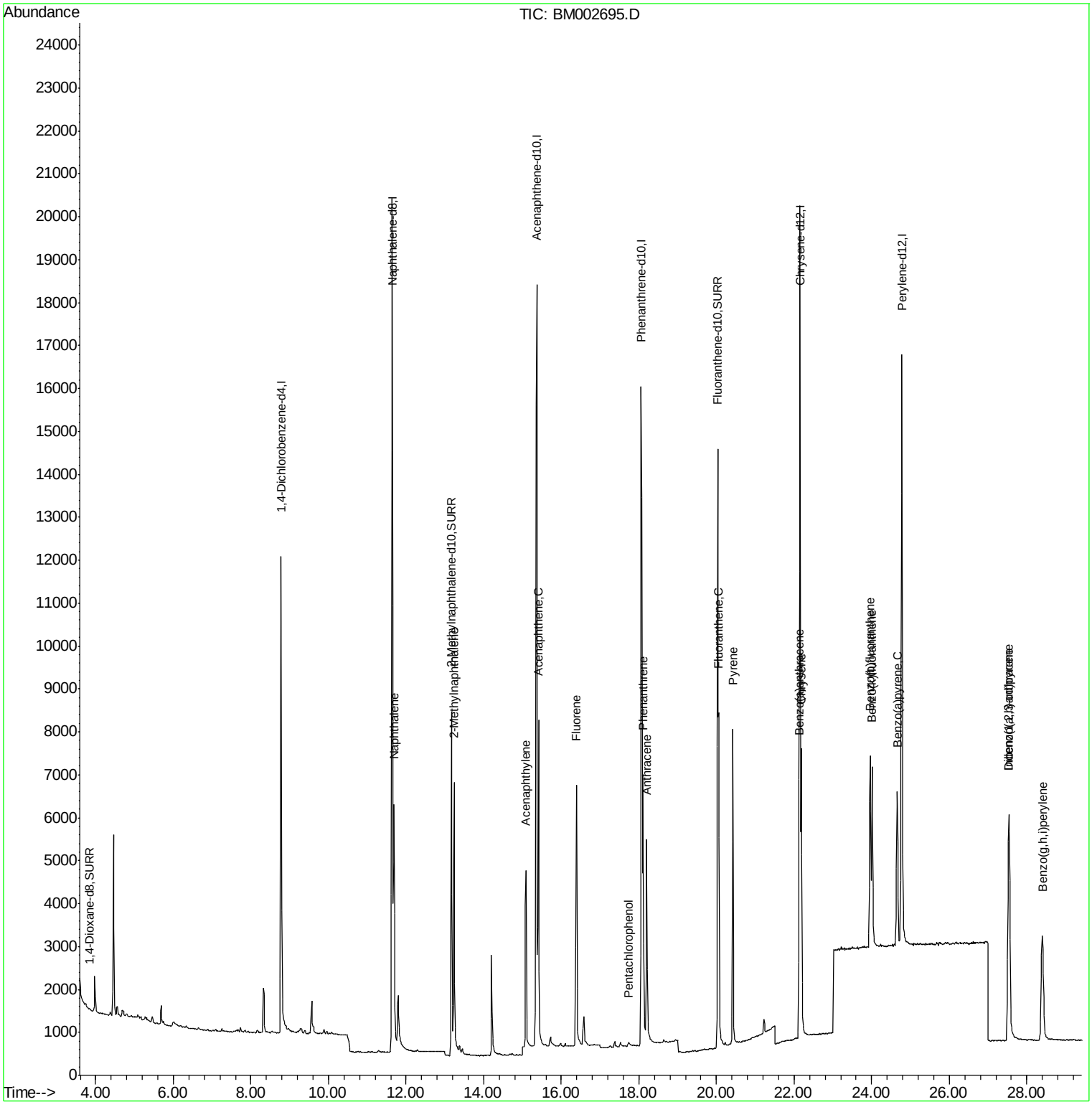
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	8249	0.40	ng/ul	0.00
4) Naphthalene-d8	11.64	136	31863	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.36	164	14100	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.06	188	26148	0.40	ng/ul	0.00
18) Chrysene-d12	22.16	240	22819	0.40	ng/ul	0.00
22) Perylene-d12	24.77	264	22388	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.83	96	42	0.01	ng/uL	0.02
6) 2-Methylnaphthalene-d10	13.17	152	12766	0.30	ng/ul	0.00
16) Fluoranthene-d10	20.04	212	16945	0.28	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	11.69	128	8245	0.10	ng/ul	99
7) 2-Methylnaphthalene	13.23	142	5597	0.10	ng/ul	97
9) Acenaphthylene	15.09	152	6588	0.09	ng/ul	96
10) Acenaphthene	15.42	153	4837	0.09	ng/ul	91
11) Fluorene	16.39	166	4861	0.09	ng/ul	88
13) Pentachlorophenol	17.74	266	193	0.08	ng/ul#	88
14) Phenanthrene	18.11	178	7051	0.09	ng/ul	98
15) Anthracene	18.20	178	6454	0.08	ng/ul	98
17) Fluoranthene	20.06	202	7347	0.09	ng/ul	97
19) Pyrene	20.42	202	7612	0.09	ng/ul	94
20) Benzo(a)anthracene	22.13	228	6365	0.08	ng/ul	96
21) Chrysene	22.19	228	6757	0.09	ng/ul	97
23) Benzo(b)fluoranthene	23.96	252	6614	0.08	ng/ul	83
24) Benzo(k)fluoranthene	24.01	252	6847	0.09	ng/ul#	82
25) Benzo(a)pyrene	24.66	252	6271	0.08	ng/ul#	79
26) Indeno(1,2,3-cd)pyrene	27.54	276	7356	0.08	ng/ul	97
27) Dibenzo(a,h)anthracene	27.54	278	5726	0.08	ng/ul#	90
28) Benzo(g,h,i)perylene	28.40	276	6624	0.09	ng/ul	93

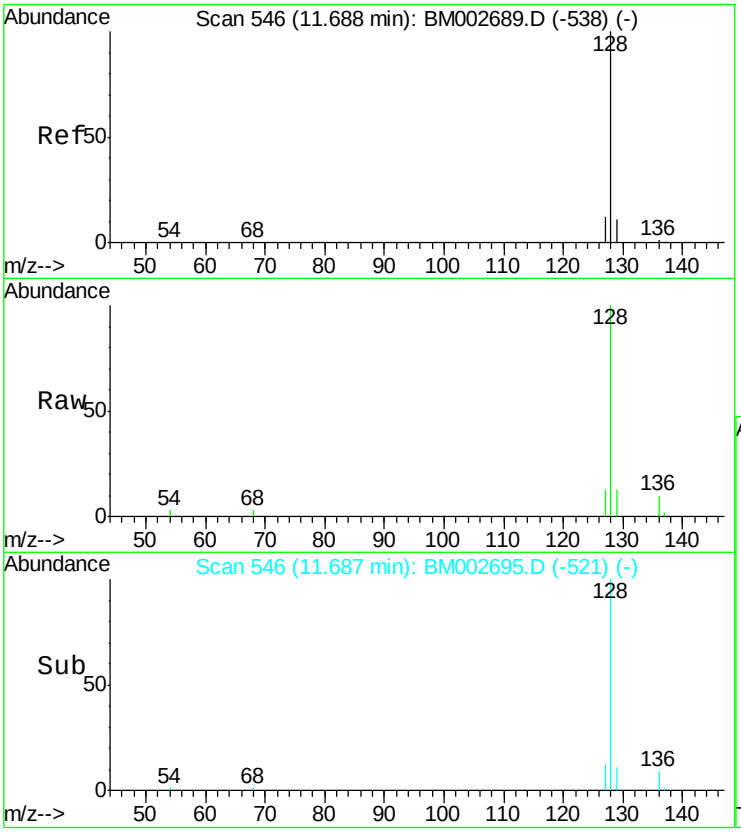
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM091115\
Data File : BM002695.D
Acq On : 11 Sep 2015 23:28
Operator : UM/IZ
Sample : MDL-05-S
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 12 01:58:48 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

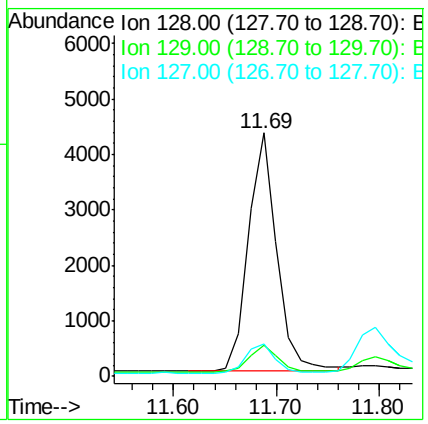


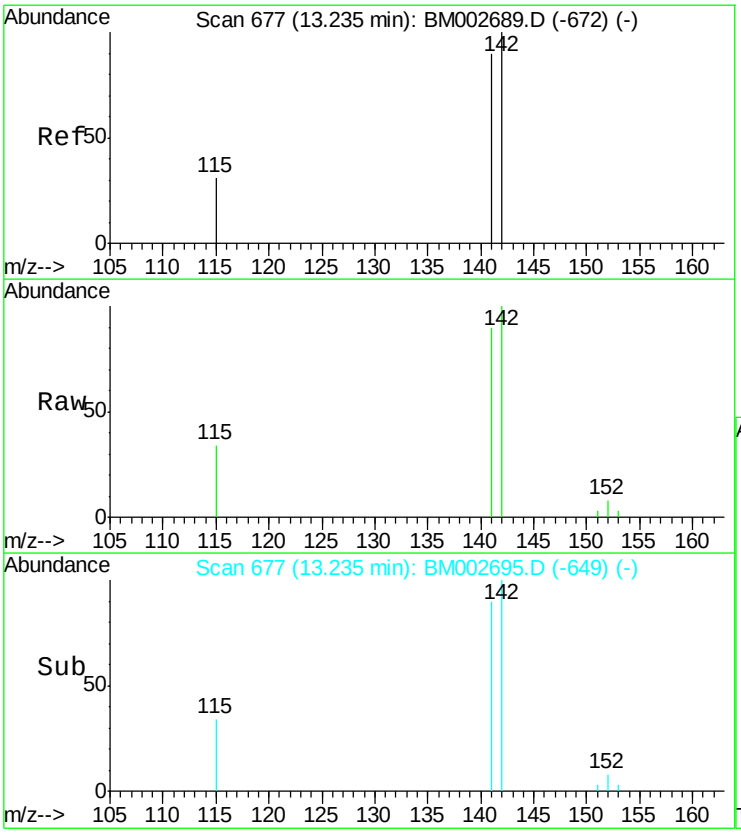


#5
Naphthalene
Concen: 0.10 ng/ul
RT: 11.69 min Scan# 546
Delta R.T. -0.00 min
Lab File: BM002695.D
Acq: 11 Sep 2015 23:28

Tgt Ion:128 Resp: 8245

Ion	Ratio	Lower	Upper
128	100		
129	12.8	9.8	14.8
127	13.5	10.7	16.1

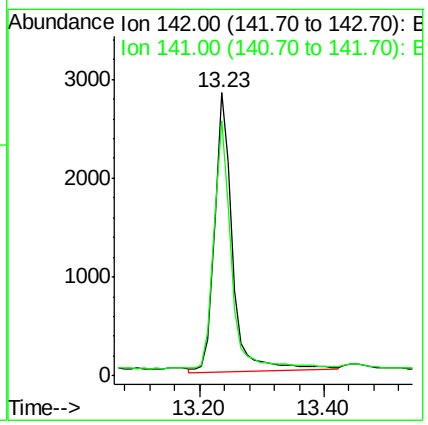


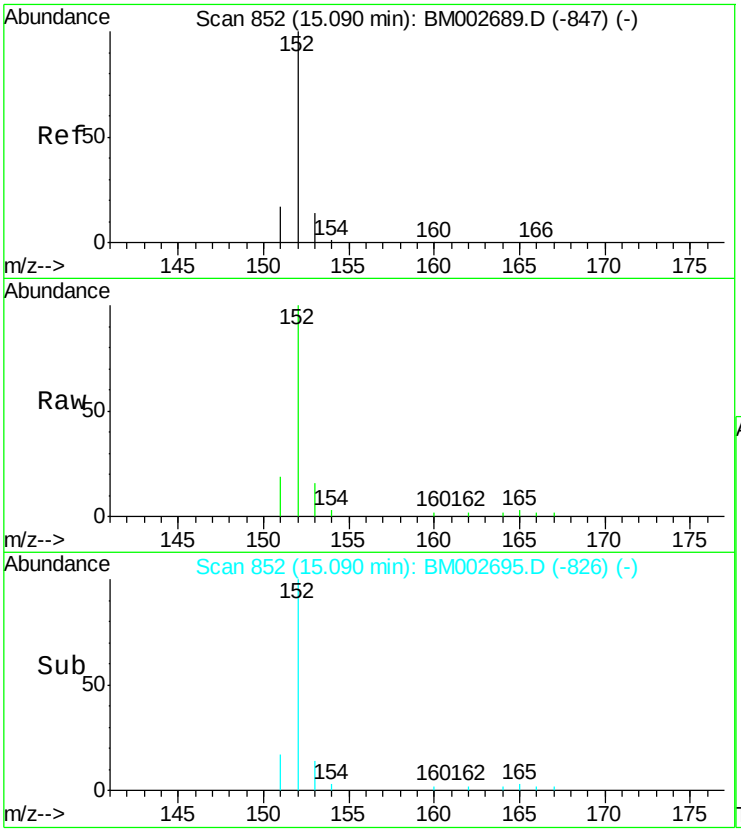


#7
2-Methylnaphthalene
Concen: 0.10 ng/ul
RT: 13.23 min Scan# 677
Delta R.T. -0.00 min
Lab File: BM002695.D
Acq: 11 Sep 2015 23:28

Tgt Ion:142 Resp: 5597

Ion	Ratio	Lower	Upper
142	100		
141	90.6	70.3	105.5

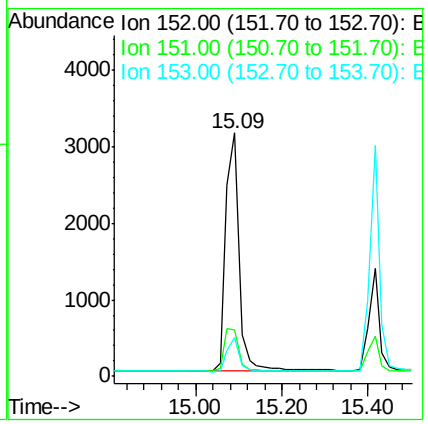


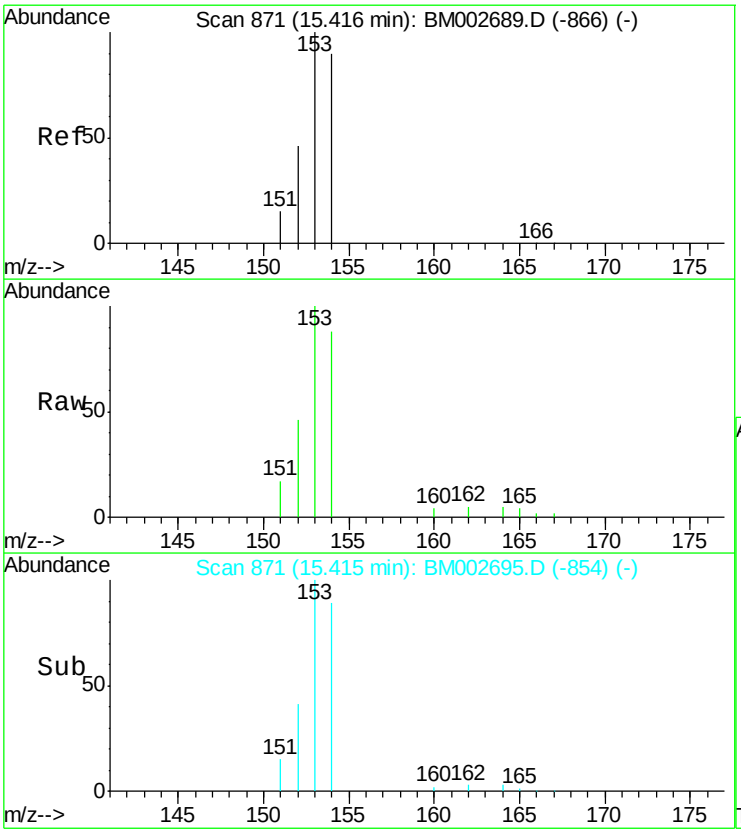


#9
Acenaphthylene
Concen: 0.09 ng/ul
RT: 15.09 min Scan# 852
Delta R.T. -0.00 min
Lab File: BM002695.D
Acq: 11 Sep 2015 23:28

Tgt Ion:152 Resp: 6588

Ion	Ratio	Lower	Upper
152	100		
151	18.8	16.8	25.2
153	15.7	11.3	16.9

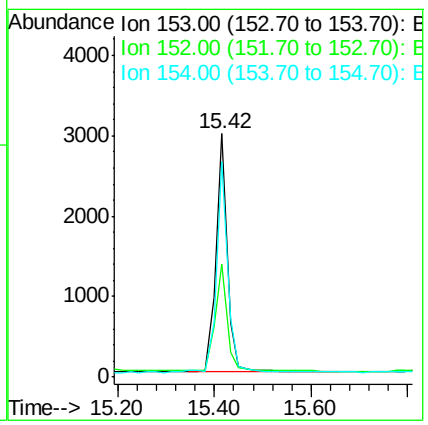


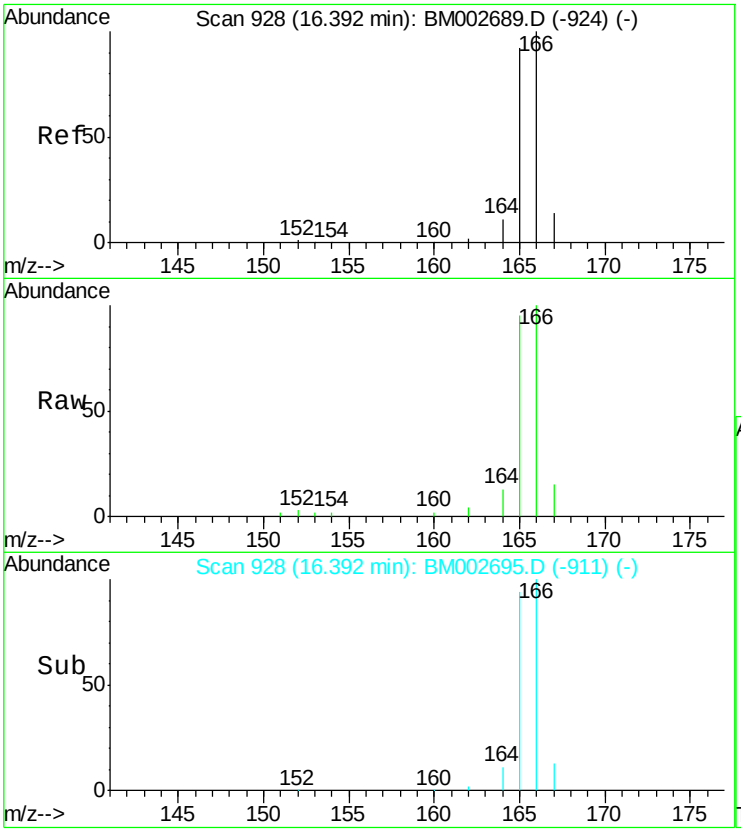


#10
Acenaphthene
Concen: 0.09 ng/ul
RT: 15.42 min Scan# 871
Delta R.T. -0.00 min
Lab File: BM002695.D
Acq: 11 Sep 2015 23:28

Tgt Ion:153 Resp: 4837

Ion	Ratio	Lower	Upper
153	100		
152	46.4	42.3	63.5
154	88.3	64.7	97.1

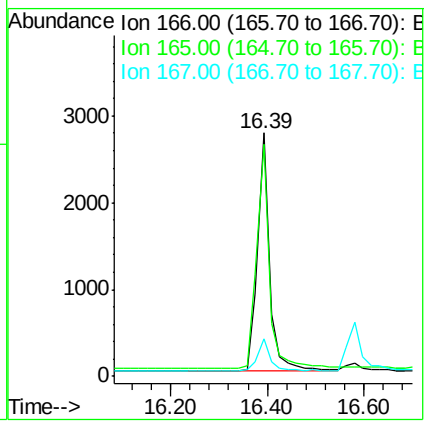


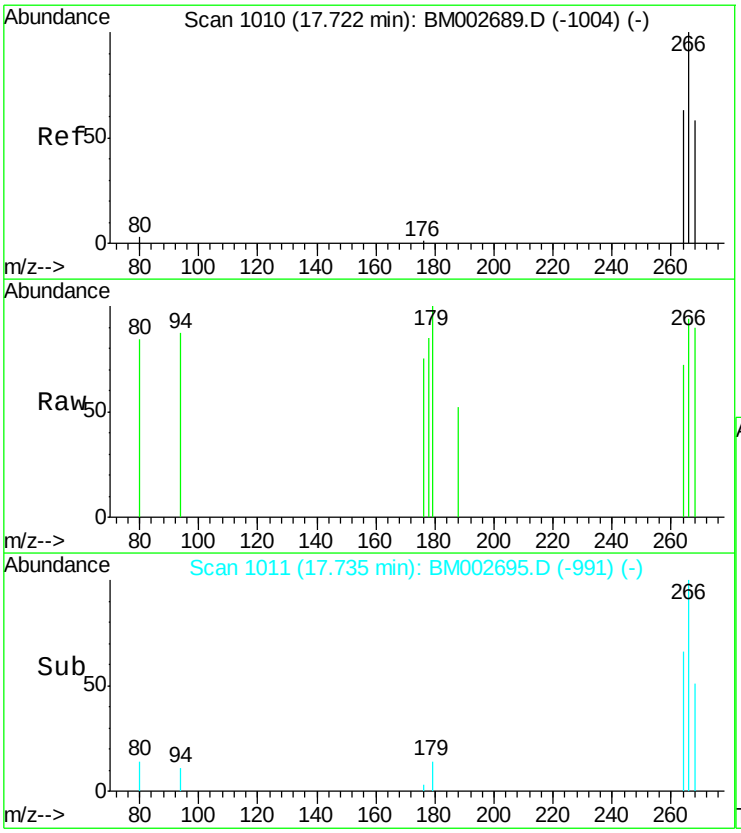


#11
Fluorene
Concen: 0.09 ng/ul
RT: 16.39 min Scan# 928
Delta R.T. -0.00 min
Lab File: BM002695.D
Acq: 11 Sep 2015 23:28

Tgt Ion:166 Resp: 4861

Ion	Ratio	Lower	Upper
166	100		
165	95.5	87.6	131.4
167	15.4	11.1	16.7

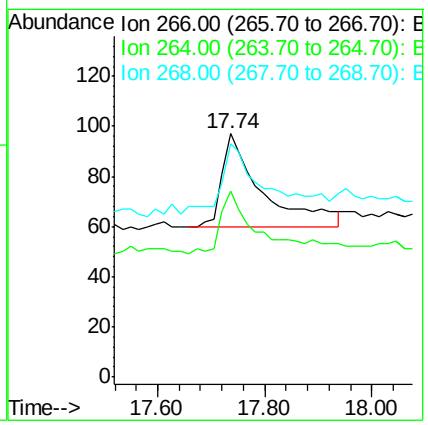


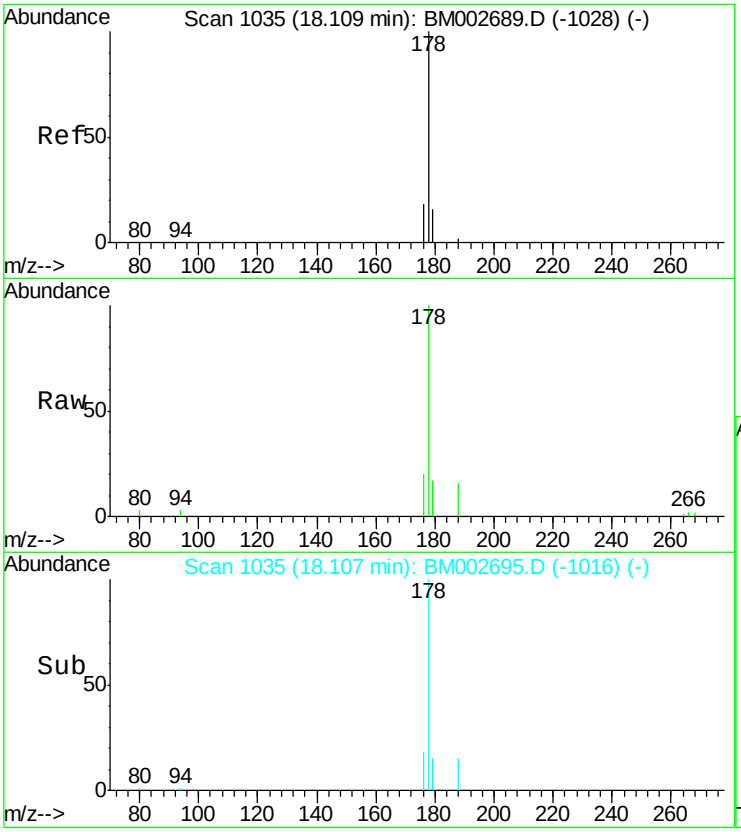


#13
Pentachlorophenol
Concen: 0.08 ng/ul
RT: 17.74 min Scan# 1011
Delta R.T. 0.01 min
Lab File: BM002695.D
Acq: 11 Sep 2015 23:28

Tgt Ion:266 Resp: 193

Ion	Ratio	Lower	Upper
266	100		
264	68.9	53.5	80.3
268	85.0	54.2	81.2#

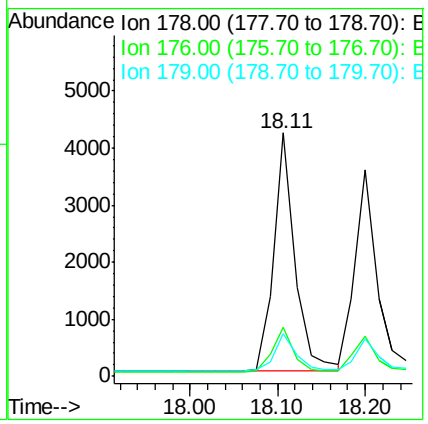


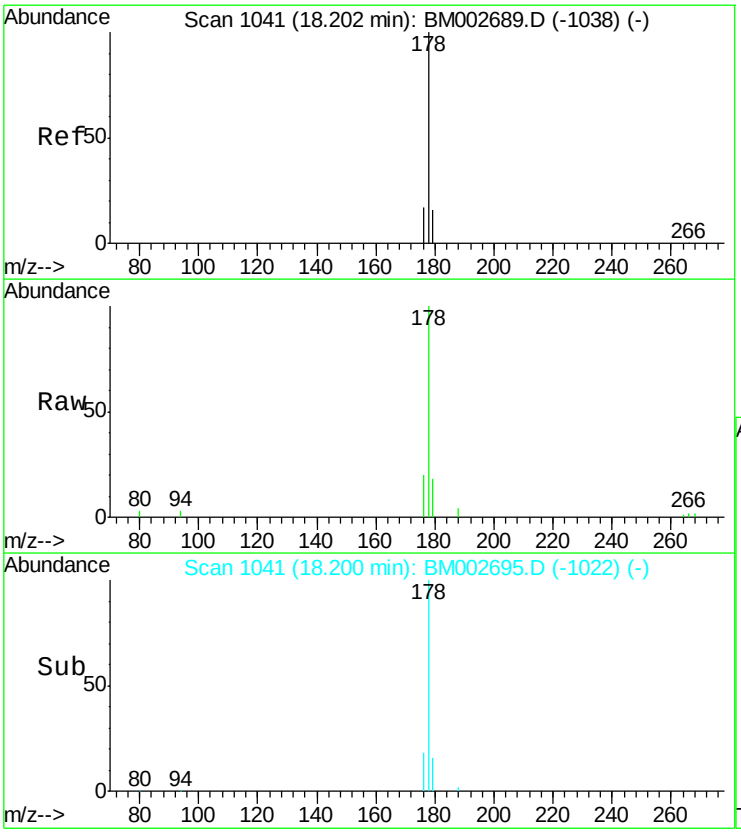


#14
Phenanthrene
Concen: 0.09 ng/ul
RT: 18.11 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BM002695.D
Acq: 11 Sep 2015 23:28

Tgt Ion:178 Resp: 7051

Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.2	24.4
179	17.3	12.8	19.2

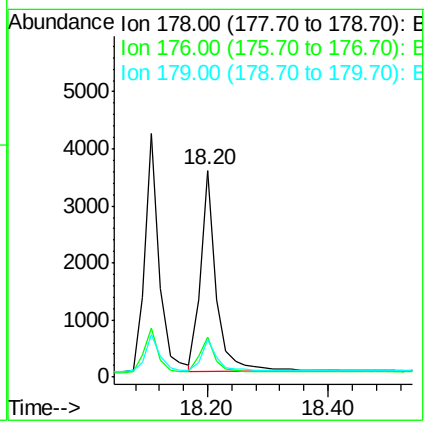


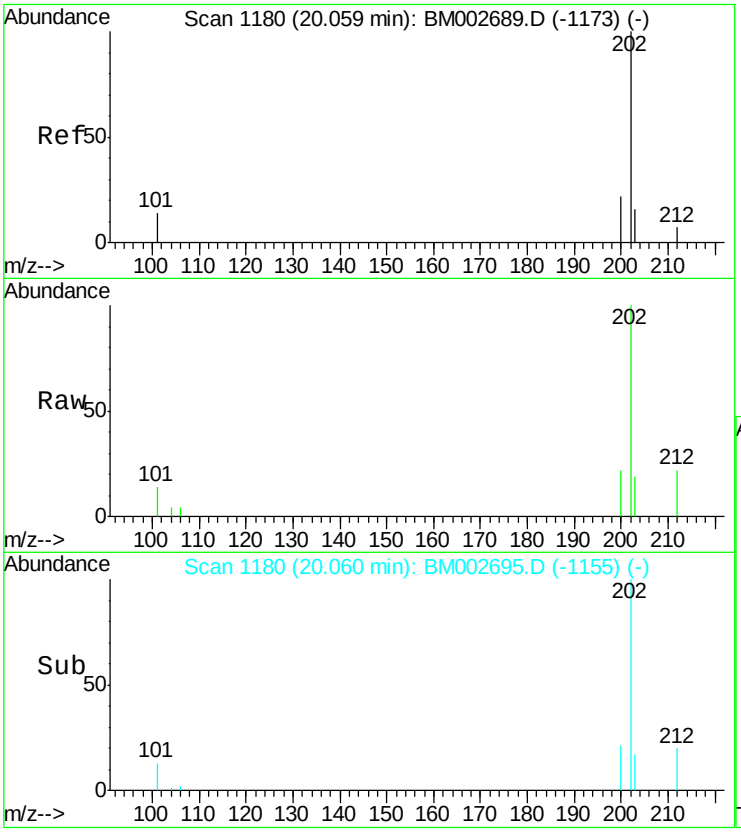


#15
Anthracene
Concen: 0.08 ng/ul
RT: 18.20 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BM002695.D
Acq: 11 Sep 2015 23:28

Tgt Ion:178 Resp: 6454

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	18.0	13.3	19.9

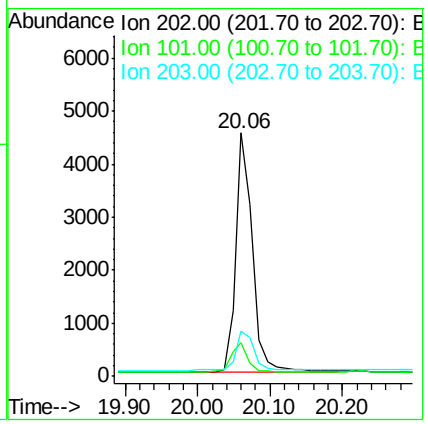


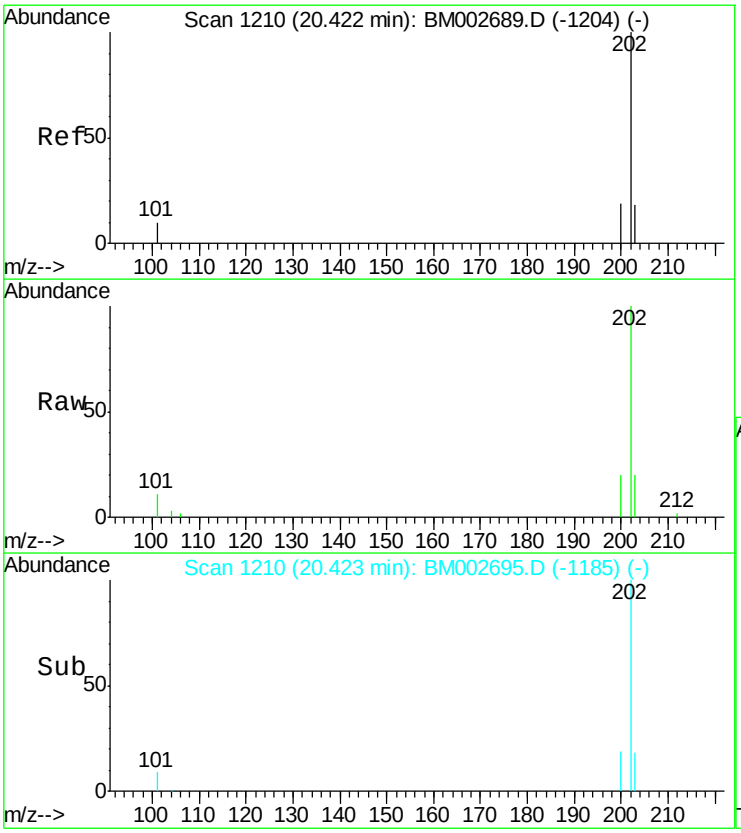


#17
Fluoranthene
Concen: 0.09 ng/ul
RT: 20.06 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BM002695.D
Acq: 11 Sep 2015 23:28

Tgt Ion:202 Resp: 7347

Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	33.1
203	18.5	0.0	37.2

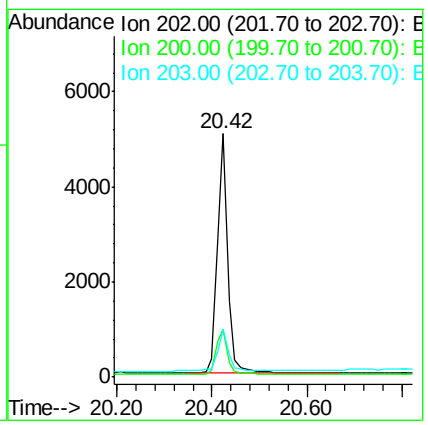


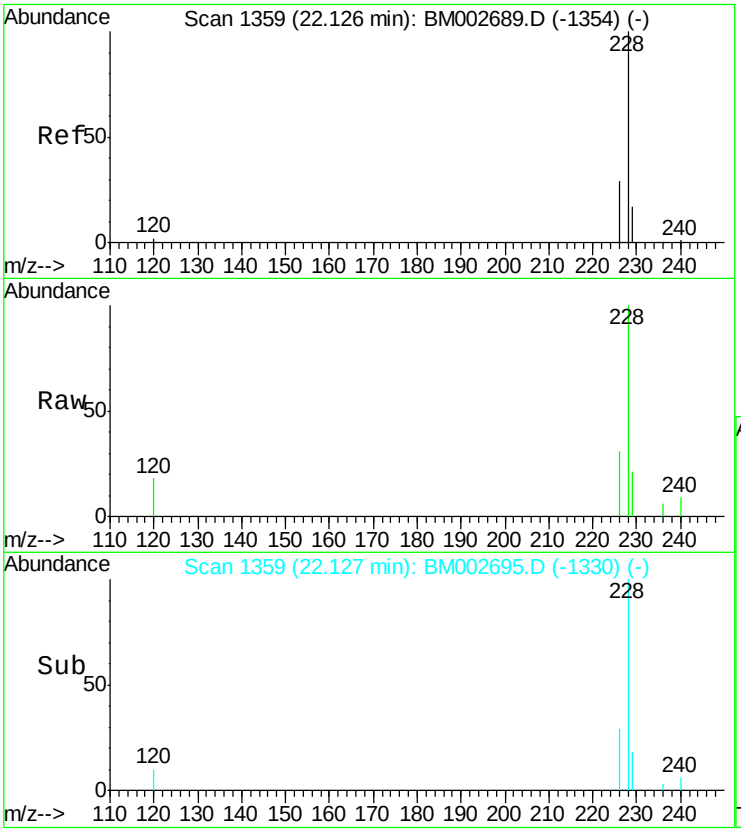


#19
Pyrene
Concen: 0.09 ng/ul
RT: 20.42 min Scan# 1210
Delta R.T. 0.00 min
Lab File: BM002695.D
Acq: 11 Sep 2015 23:28

Tgt Ion:202 Resp: 7612

Ion	Ratio	Lower	Upper
202	100		
200	19.8	18.0	27.0
203	19.9	13.8	20.6

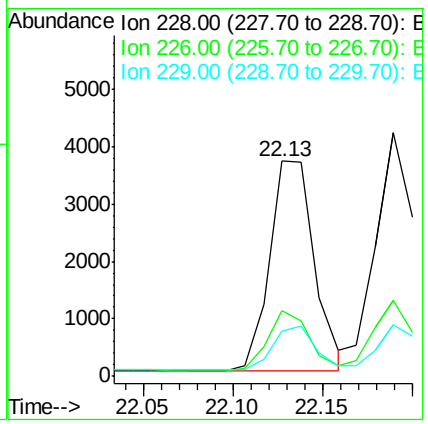


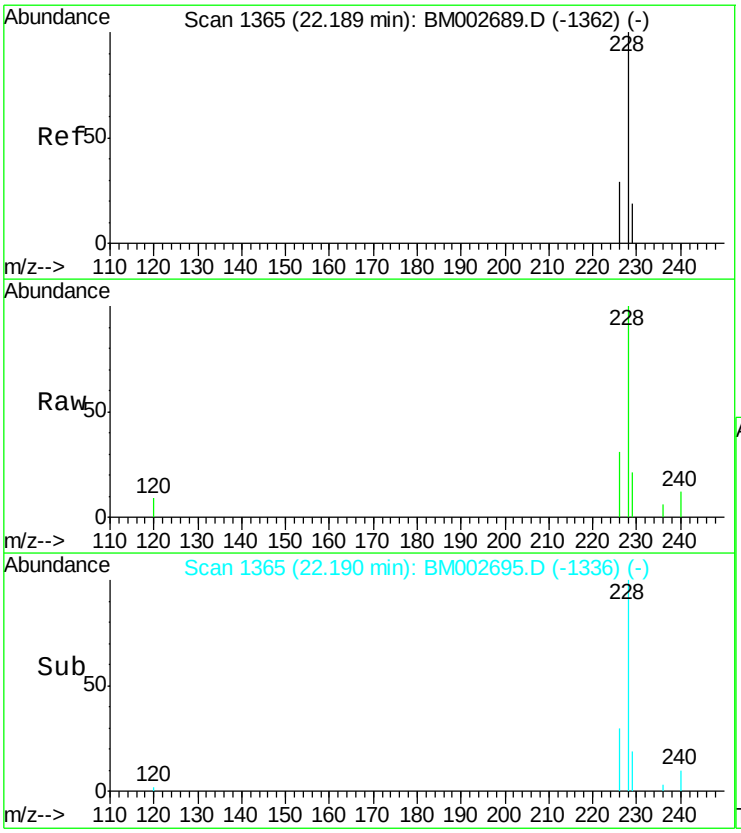


#20
Benzo(a)anthracene
Concen: 0.08 ng/ul
RT: 22.13 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BM002695.D
Acq: 11 Sep 2015 23:28

Tgt Ion:228 Resp: 6365

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.0	34.4
229	20.9	15.2	22.8

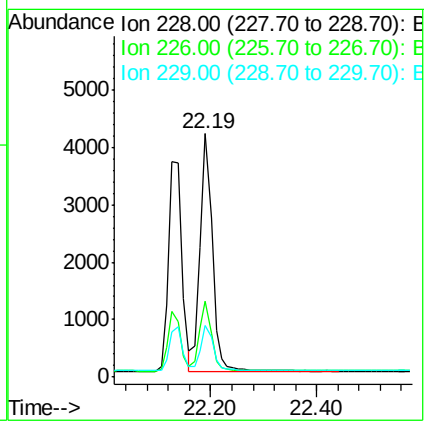


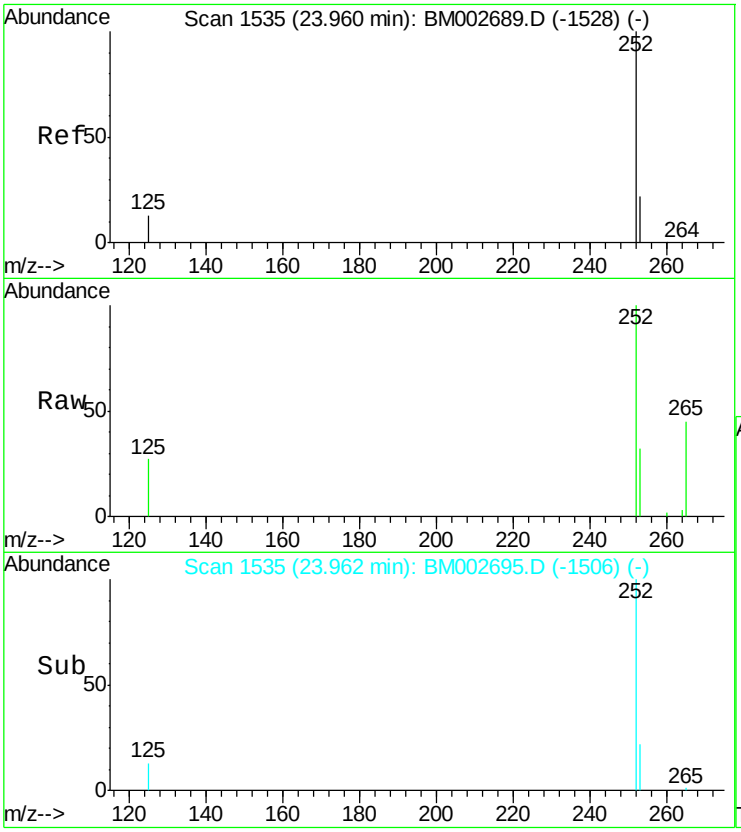


#21
Chrysene
Concen: 0.09 ng/ul
RT: 22.19 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BM002695.D
Acq: 11 Sep 2015 23:28

Tgt Ion:228 Resp: 6757

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.7	38.5
229	21.3	15.2	22.8

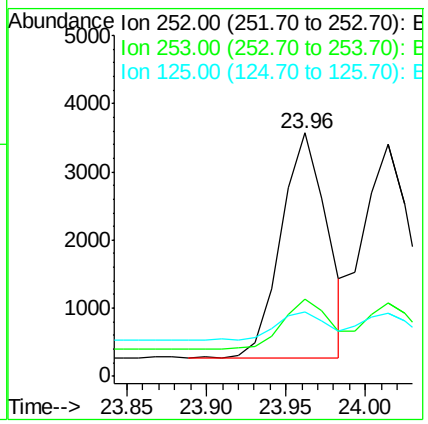


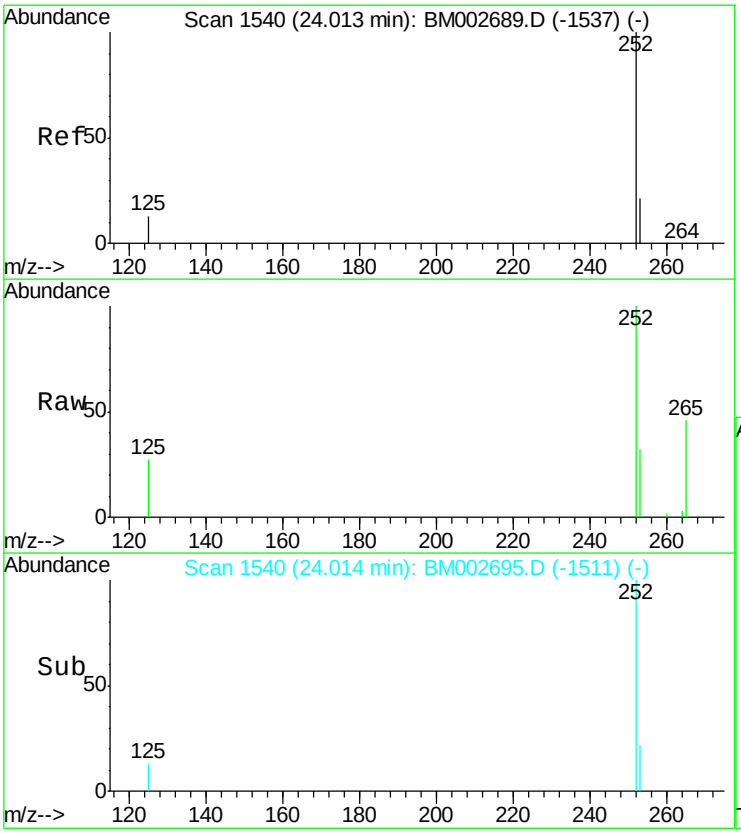


#23
Benzo(b)fluoranthene
Concen: 0.08 ng/ul
RT: 23.96 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BM002695.D
Acq: 11 Sep 2015 23:28

Tgt Ion:252 Resp: 6614

Ion	Ratio	Lower	Upper
252	100		
253	31.6	0.0	48.0
125	26.6	0.0	36.6

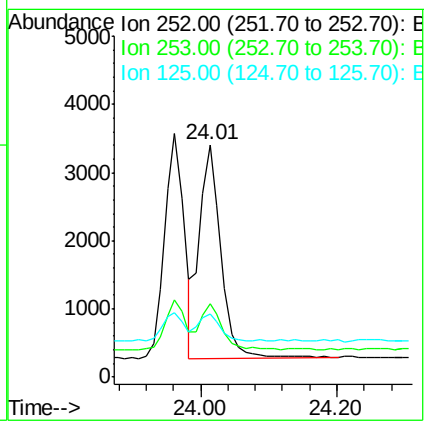


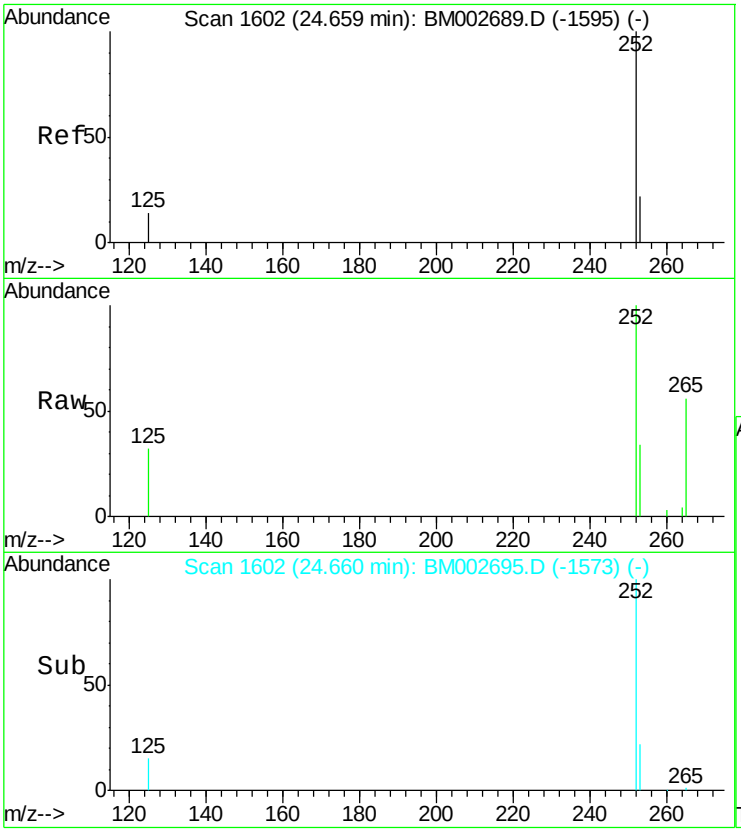


#24
Benzo(k)fluoranthene
Concen: 0.09 ng/ul
RT: 24.01 min Scan# 1540
Delta R.T. 0.00 min
Lab File: BM002695.D
Acq: 11 Sep 2015 23:28

Tgt Ion:252 Resp: 6847

Ion	Ratio	Lower	Upper
252	100		
253	31.8	20.8	31.2#
125	27.3	12.2	18.4#

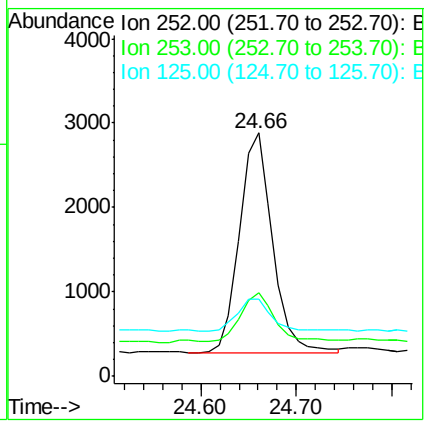


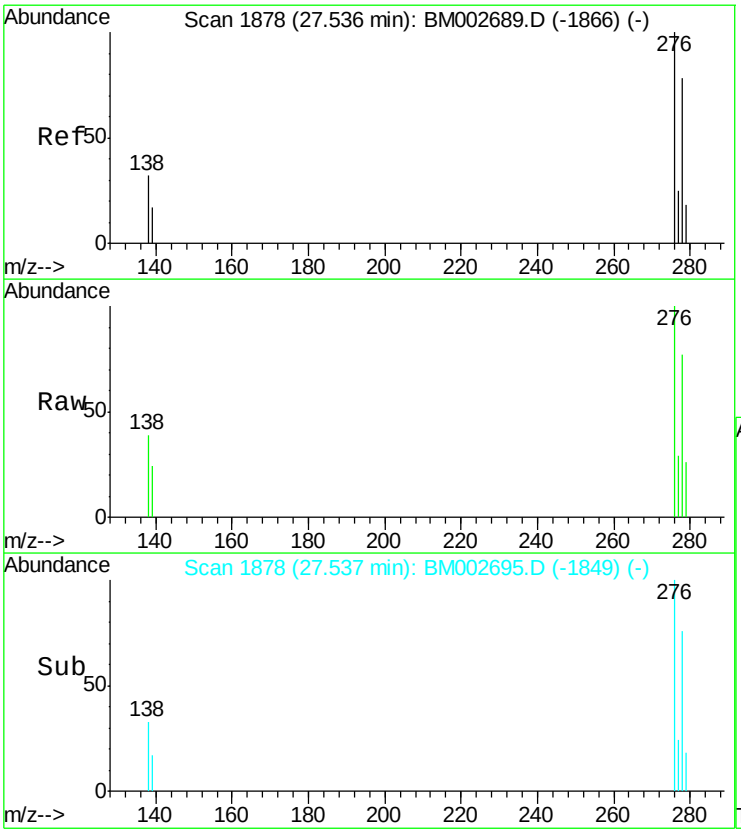


#25
Benzo(a)pyrene
Concen: 0.08 ng/ul
RT: 24.66 min Scan# 1602
Delta R.T. 0.00 min
Lab File: BM002695.D
Acq: 11 Sep 2015 23:28

Tgt Ion:252 Resp: 6271

Ion	Ratio	Lower	Upper
252	100		
253	34.4	21.8	32.8#
125	31.9	14.5	21.7#

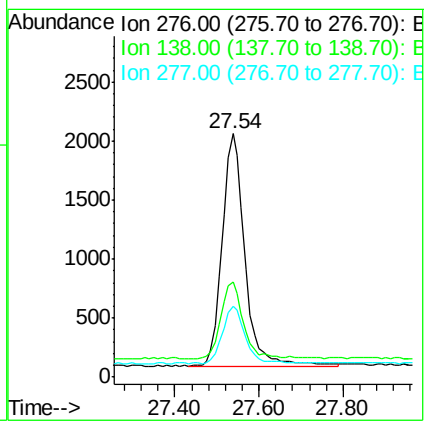


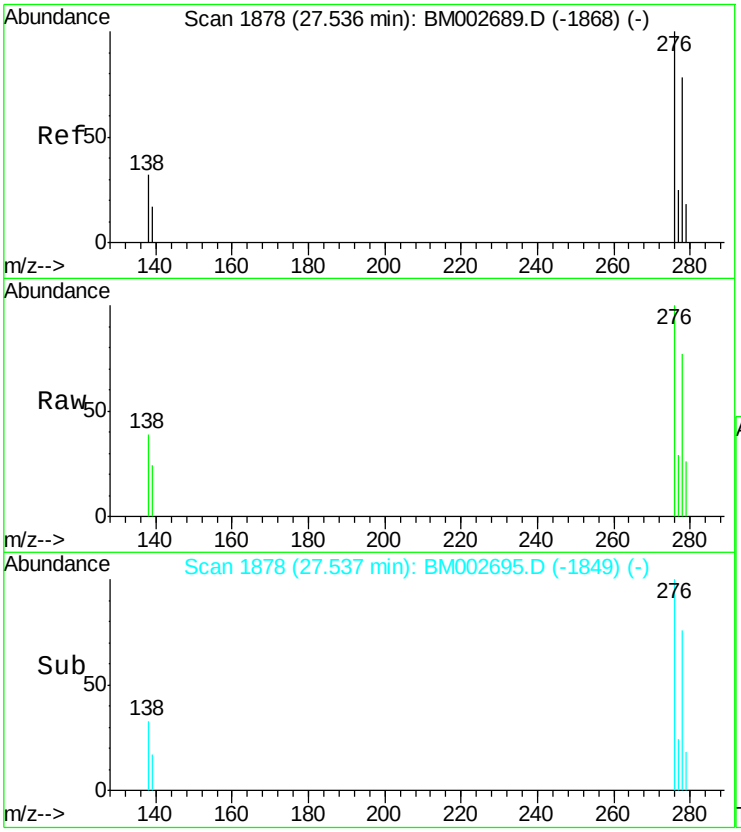


#26
Indeno(1,2,3-cd)pyrene
Concen: 0.08 ng/ul
RT: 27.54 min Scan# 1878
Delta R.T. 0.00 min
Lab File: BM002695.D
Acq: 11 Sep 2015 23:28

Tgt Ion:276 Resp: 7356

Ion	Ratio	Lower	Upper
276	100		
138	32.8	27.5	41.3
277	25.9	19.3	28.9

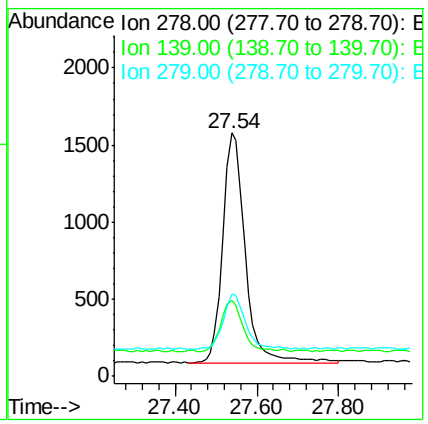


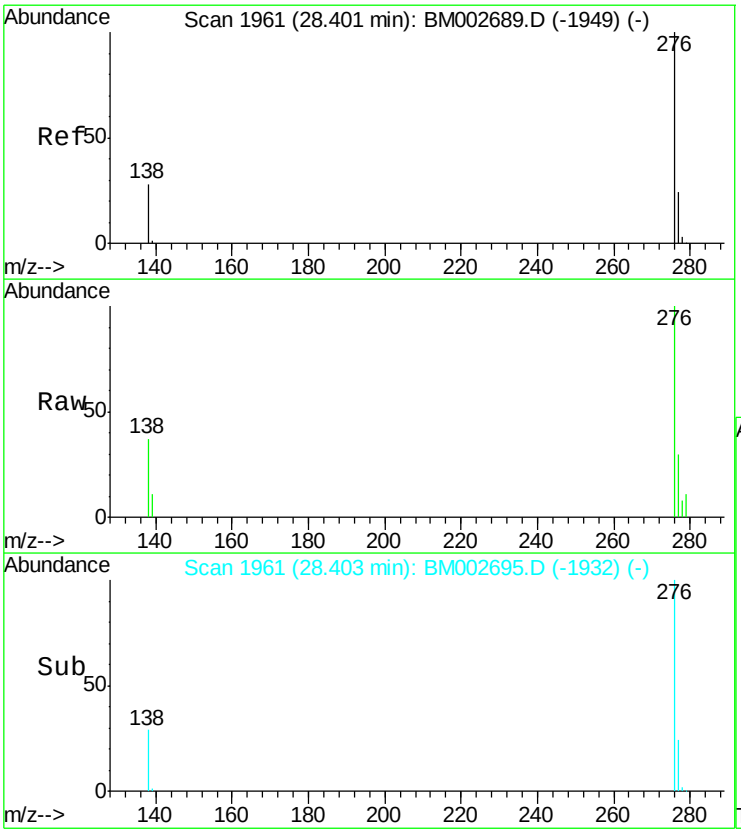


#27
Dibenzo(a,h)anthracene
Concen: 0.08 ng/ul
RT: 27.54 min Scan# 1878
Delta R.T. 0.00 min
Lab File: BM002695.D
Acq: 11 Sep 2015 23:28

Tgt Ion:278 Resp: 5726

Ion	Ratio	Lower	Upper
278	100		
139	31.0	21.7	32.5
279	33.9	21.9	32.9#





#28
Benzo(g,h,i)perylene
Concen: 0.09 ng/ul
RT: 28.40 min Scan# 1961
Delta R.T. 0.00 min
Lab File: BM002695.D
Acq: 11 Sep 2015 23:28

Tgt Ion:276 Resp: 6624

Ion	Ratio	Lower	Upper
276	100		
277	29.5	21.3	31.9
138	36.6	25.5	38.3