

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062816\
 Data File : BM006102.D
 Acq On : 28 Jun 2016 19:02
 Operator : UM/SJ
 Sample : H3779-15
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 29 00:58:40 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 29 00:57:09 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	189004	20.00	ng/ul	0.00
7) Naphthalene-d8	10.43	136	887607	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.30	164	554346	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.05	188	1291841	20.00	ng/ul	0.00
29) Chrysene-d12	21.24	240	1273970	20.00	ng/ul	0.00
34) Perylene-d12	23.46	264	1001969	20.00	ng/ul	0.00

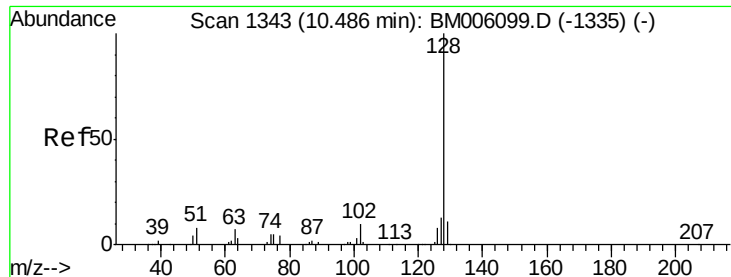
System Monitoring Compounds

2) 1,4-Dioxane-d8	3.17	96	10532	2.59	ng/uL	0.00
3) Phenol-d5	6.83	99	480877	31.14	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.99	67	311084	34.17	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	371830	31.37	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	405299	32.61	ng/ul	0.00
8) Nitrobenzene-d5	8.80	128	201473	33.70	ng/ul	0.00
9) 2-Nitrophenol-d4	9.52	143	218710	31.96	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	380274	30.46	ng/ul	0.00
12) 4-Chloroaniline-d4	10.57	131	466891	47.31	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	1460977	36.76	ng/ul	0.00
17) Acenaphthylene-d8	13.99	160	1728116	35.84	ng/ul	0.00
20) 4-Nitrophenol-d4	14.51	143	233698	31.00	ng/ul	0.00
21) Fluorene-d10	15.30	176	1222886	36.07	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.42	200	132049	28.86	ng/ul	0.00
26) Anthracene-d10	17.15	188	1918409	37.02	ng/ul	0.00
30) Pyrene-d10	19.45	212	2105023	41.03	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.32	264	1512990	37.94	ng/ul	0.00

Target Compounds

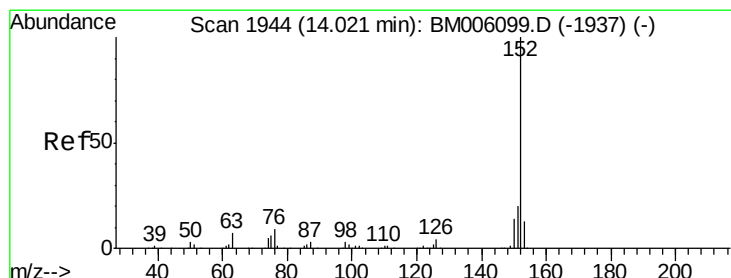
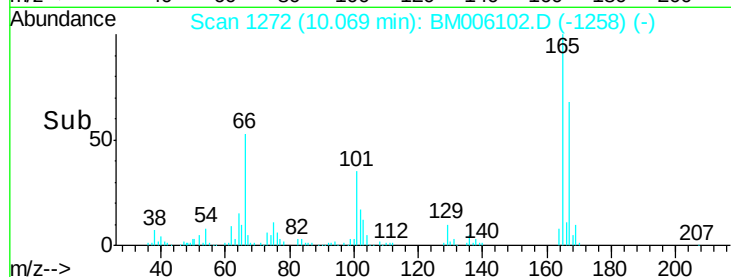
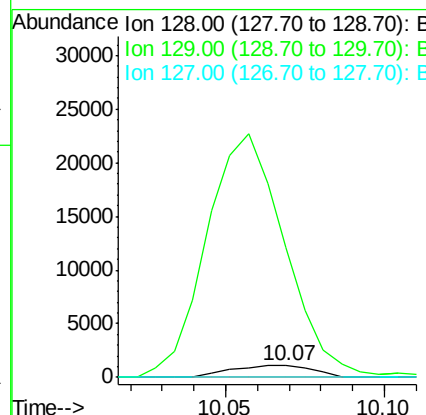
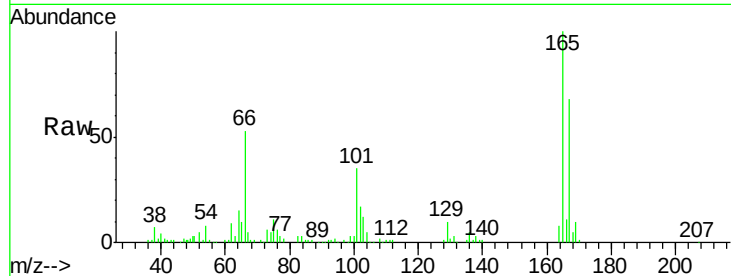
					Qvalue	
11) Naphthalene	10.07	128	1968	0.05	ng/ul#	1
18) Acenaphthylene	14.02	152	804	0.02	ng/ul#	61
22) Fluorene	15.35	166	304	0.01	ng/ul#	78
25) Phenanthrene	17.09	178	2660	0.04	ng/ul#	87
27) Anthracene	17.18	178	1488	0.02	ng/ul#	72
28) Fluoranthene	19.11	202	5577	0.07	ng/ul#	82
31) Pyrene	19.47	202	4519	0.07	ng/ul#	73
32) Benzo(a)anthracene	21.24	228	6395	0.10	ng/ul#	80
33) Chrysene	21.28	228	3970	0.07	ng/ul#	91
35) Benzo(b)fluoranthene	22.80	252	4755	0.09	ng/ul#	29
36) Benzo(k)fluoranthene	22.83	252	2112	0.04	ng/ul#	35
38) Benzo(a)pyrene	23.36	252	2778	0.06	ng/ul#	50
39) Indeno(1,2,3-cd)pyrene	25.67	276	1403	0.03	ng/ul#	38
40) Dibenzo(a,h)anthracene	25.68	278	455	0.01	ng/ul#	22
41) Benzo(g,h,i)perylene	26.36	276	1568	0.04	ng/ul#	54

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



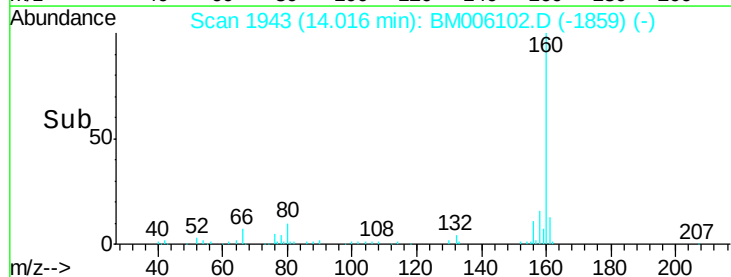
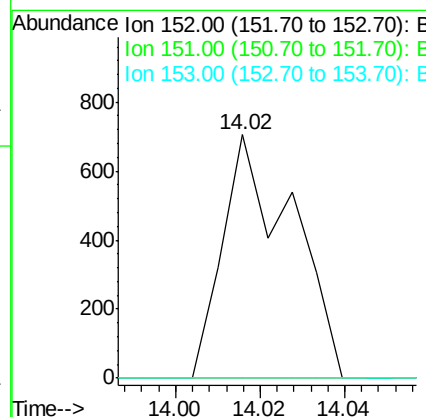
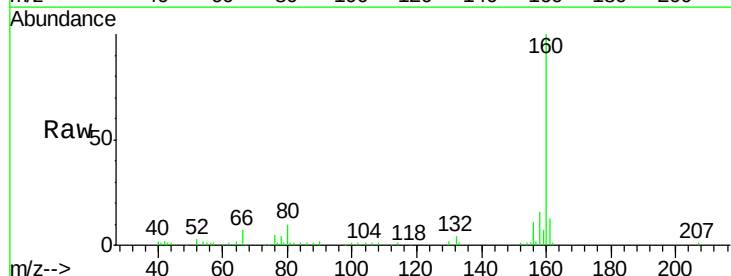
#11
Naphthalene
Concen: 0.05 ng/ul
RT: 10.07 min Scan# 1272
Delta R.T. -0.42 min
Lab File: BM006102.D
Acq: 28 Jun 2016 19:02

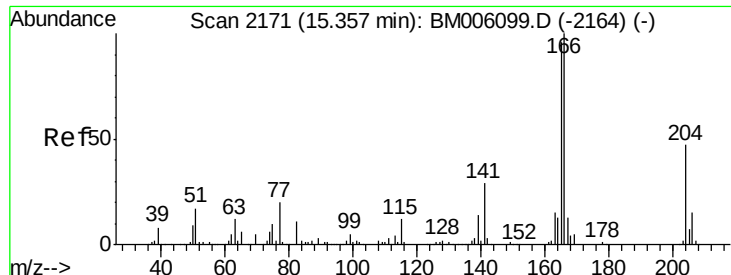
Tgt Ion:128 Resp: 1968
Ion Ratio Lower Upper
128 100
129 1108.9 8.9 13.3#
127 0.0 10.5 15.7#



#18
Acenaphthylene
Concen: 0.02 ng/ul
RT: 14.02 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BM006102.D
Acq: 28 Jun 2016 19:02

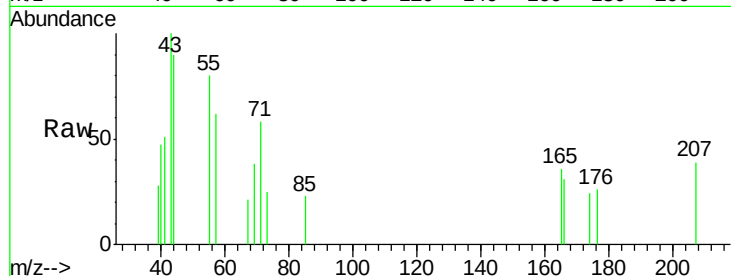
Tgt Ion:152 Resp: 804
Ion Ratio Lower Upper
152 100
151 0.0 15.8 23.6#
153 0.0 10.3 15.5#



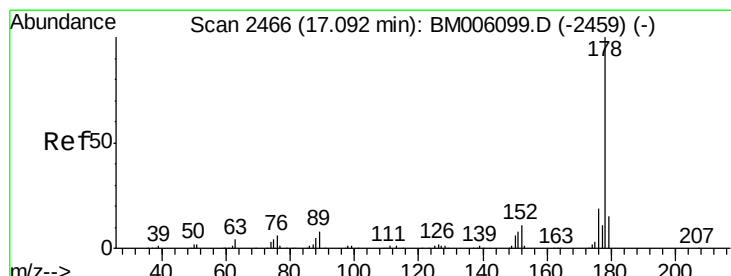
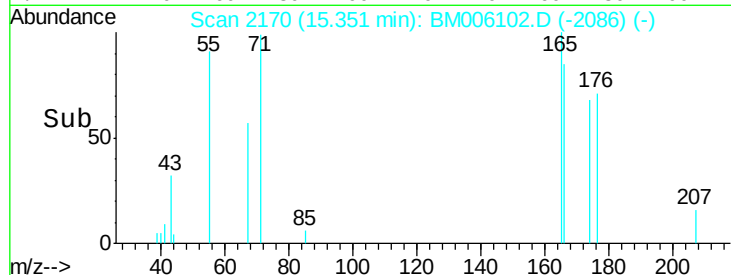
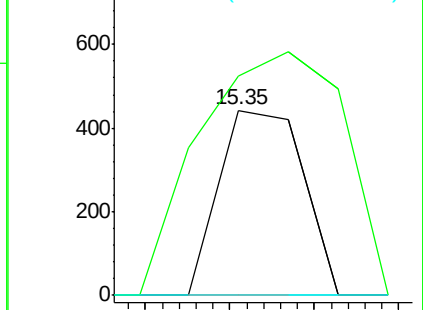


#22
Fluorene
Concen: 0.01 ng/ul
RT: 15.35 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BM006102.D
Acq: 28 Jun 2016 19:02

Tgt Ion:166 Resp: 304
Ion Ratio Lower Upper
166 100
165 118.3 78.4 117.6#
167 0.0 10.6 16.0#

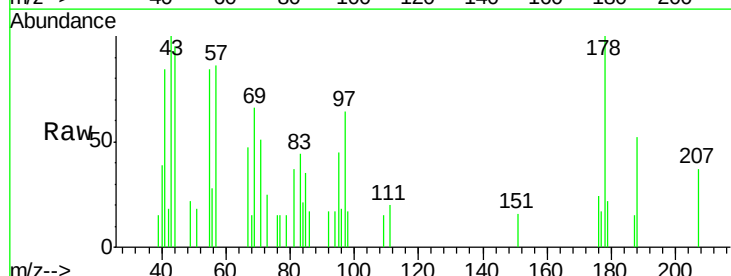


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

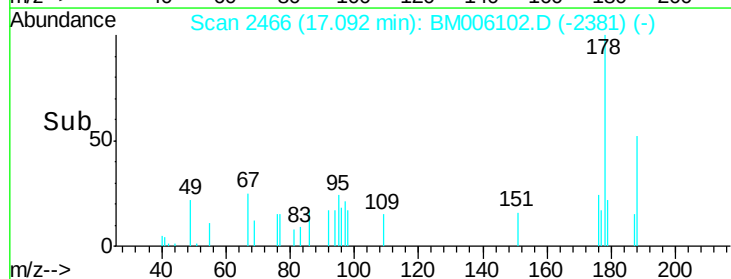
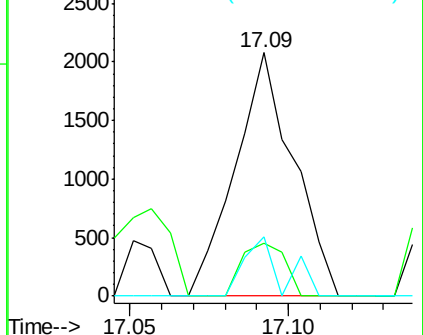


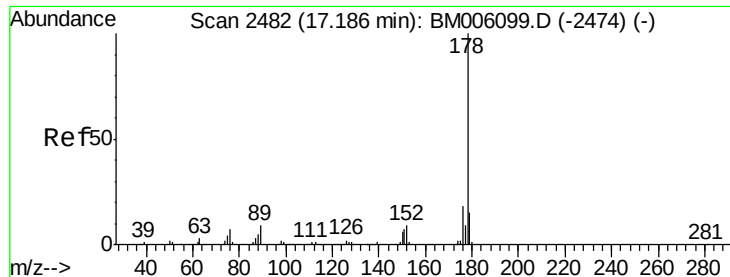
#25
Phenanthrene
Concen: 0.04 ng/ul
RT: 17.09 min Scan# 2466
Delta R.T. 0.00 min
Lab File: BM006102.D
Acq: 28 Jun 2016 19:02

Tgt Ion:178 Resp: 2660
Ion Ratio Lower Upper
178 100
179 21.5 12.2 18.2#
176 24.4 15.3 22.9#



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





#27

Anthracene

Concen: 0.02 ng/ul

RT: 17.18 min Scan# 2481

Delta R.T. -0.01 min

Lab File: BM006102.D

Acq: 28 Jun 2016 19:02

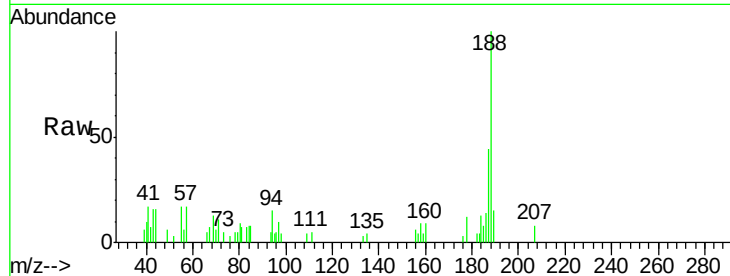
Tgt Ion:178 Resp: 1488

Ion Ratio Lower Upper

178 100

179 0.0 12.3 18.5#

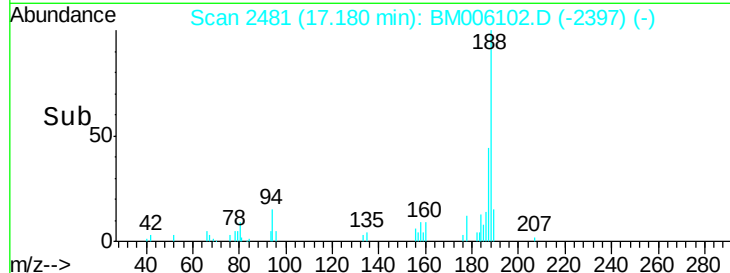
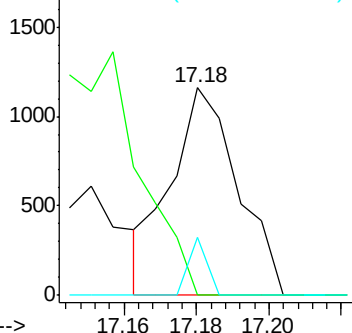
176 27.7 14.6 22.0#



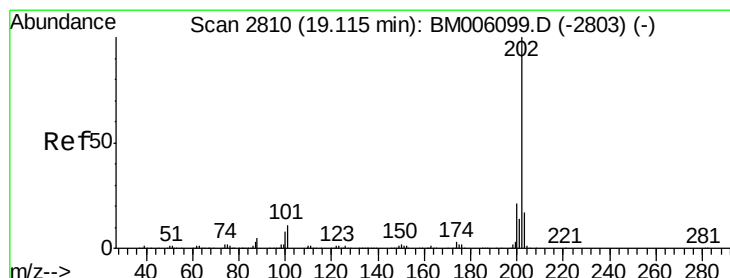
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#28

Fluoranthene

Concen: 0.07 ng/ul

RT: 19.11 min Scan# 2809

Delta R.T. -0.01 min

Lab File: BM006102.D

Acq: 28 Jun 2016 19:02

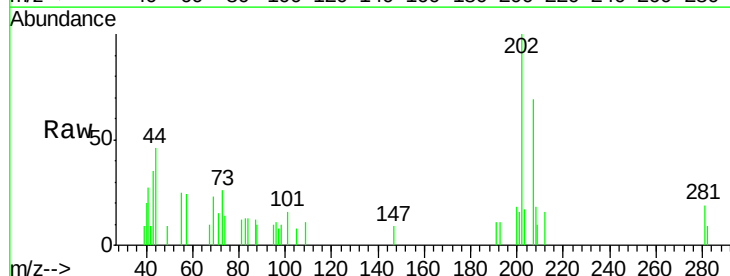
Tgt Ion:202 Resp: 5577

Ion Ratio Lower Upper

202 100

101 16.0 8.5 12.7#

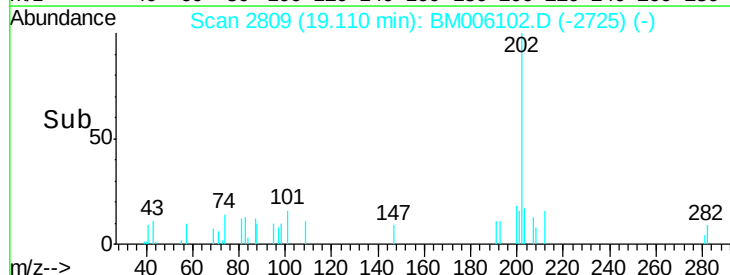
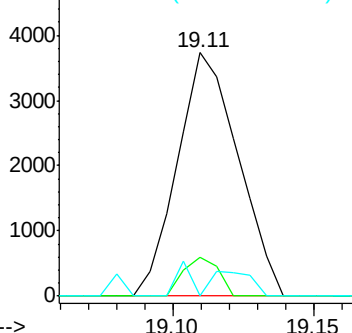
100 0.0 6.5 9.7#



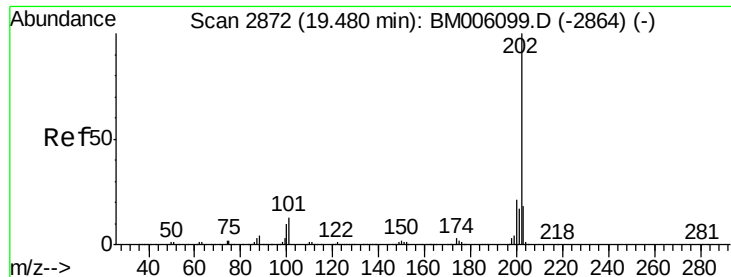
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

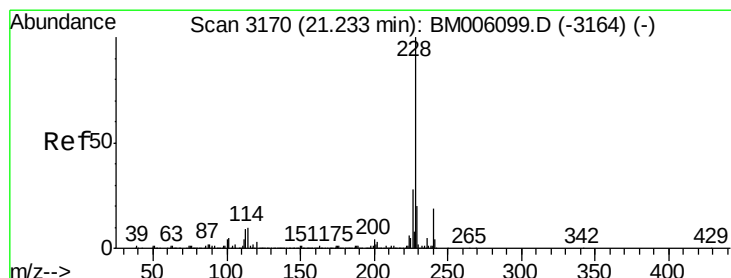
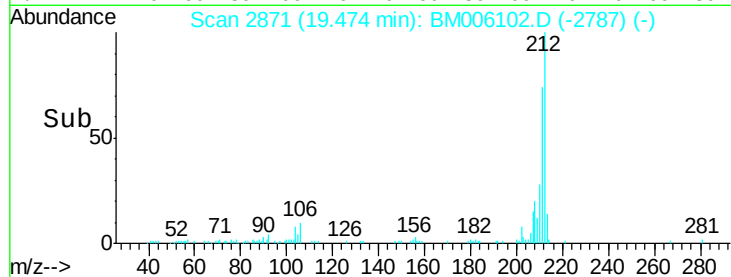
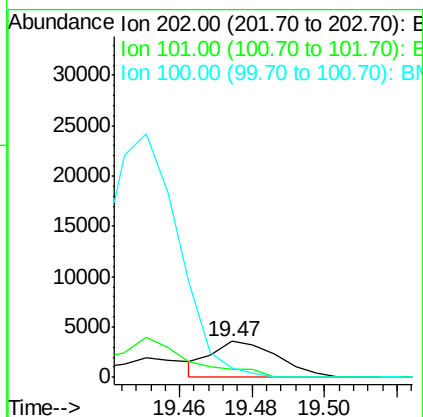
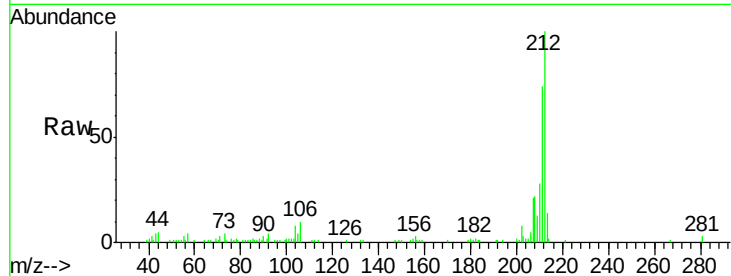


Time-->



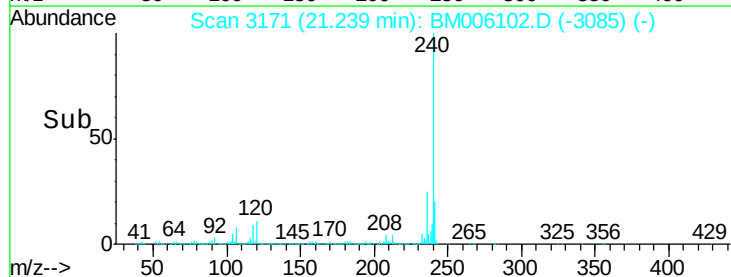
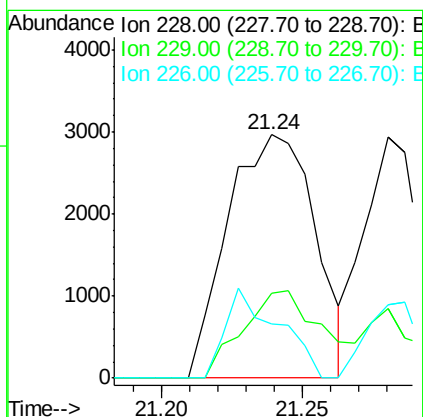
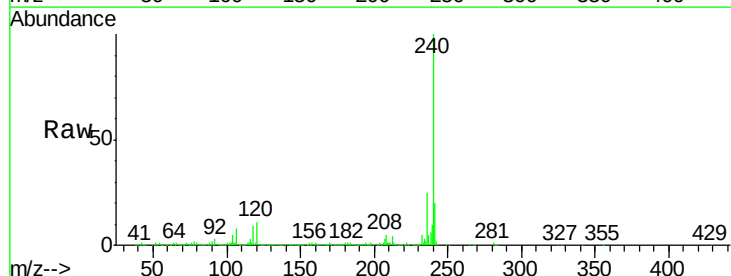
#31
 Pyrene
 Concen: 0.07 ng/ul
 RT: 19.47 min Scan# 2871
 Delta R.T. -0.01 min
 Lab File: BM006102.D
 Acq: 28 Jun 2016 19:02

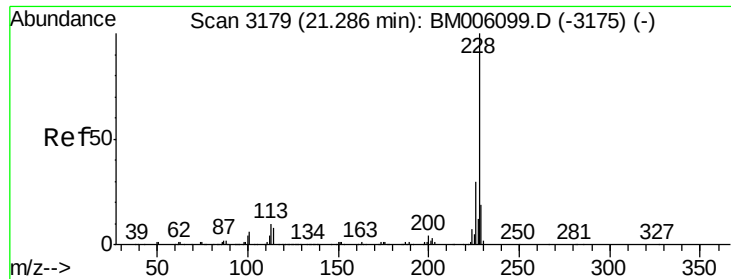
Tgt Ion	Ratio	Lower	Upper
202	100		
101	21.2	11.0	16.4#
100	25.1	8.9	13.3#



#32
 Benzo(a)anthracene
 Concen: 0.10 ng/ul
 RT: 21.24 min Scan# 3171
 Delta R.T. 0.01 min
 Lab File: BM006102.D
 Acq: 28 Jun 2016 19:02

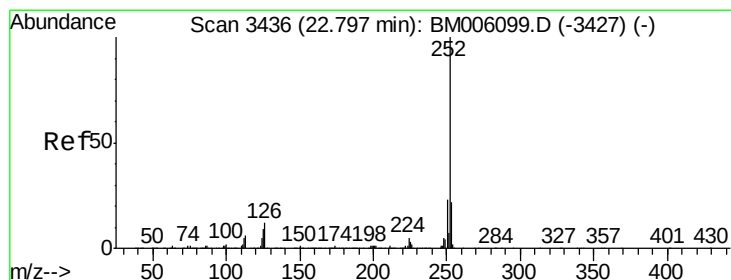
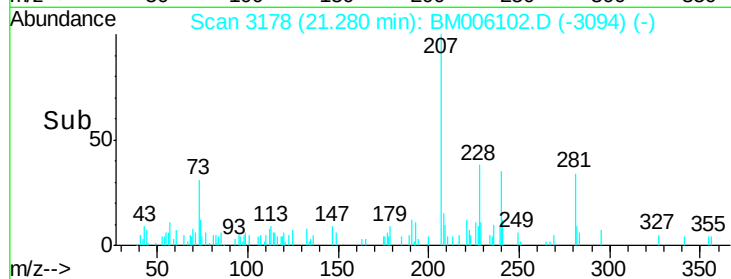
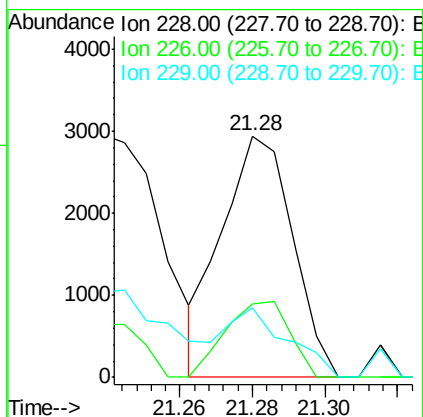
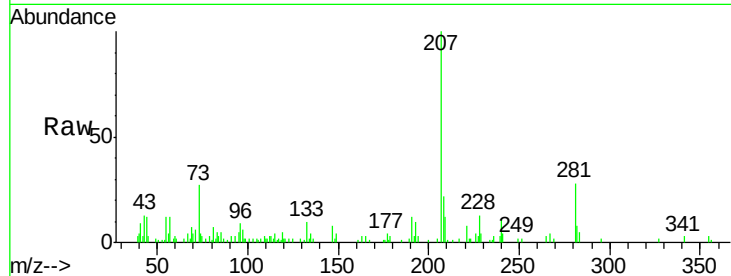
Tgt Ion	Ratio	Lower	Upper
228	100		
229	35.0	15.6	23.4#
226	22.1	21.6	32.4





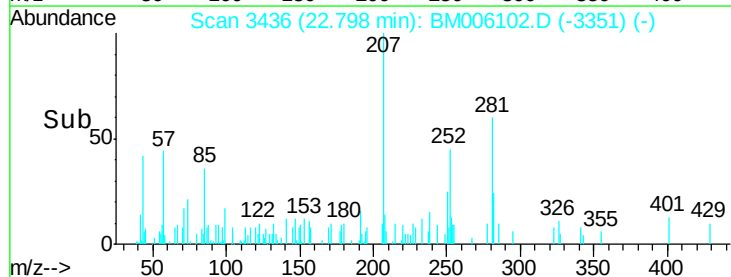
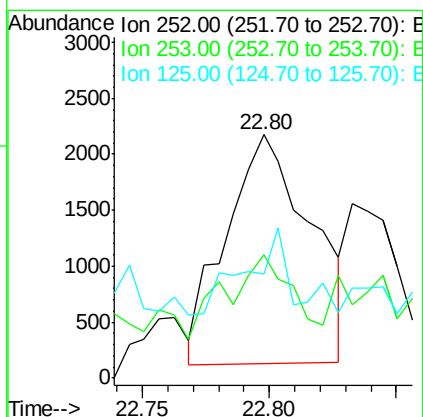
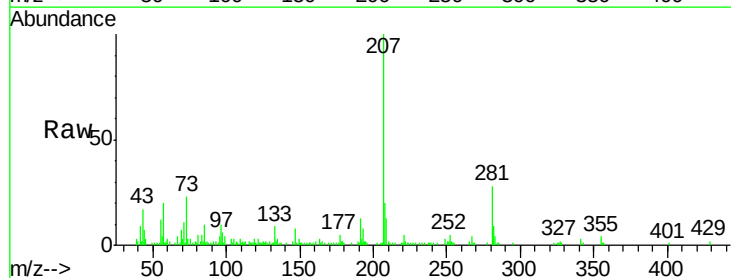
#33
Chrysene
Concen: 0.07 ng/ul
RT: 21.28 min Scan# 3178
Delta R.T. -0.01 min
Lab File: BM006102.D
Acq: 28 Jun 2016 19:02

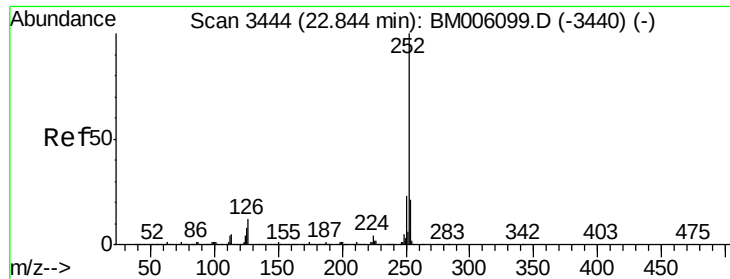
Tgt Ion: 228 Resp: 3970
Ion Ratio Lower Upper
228 100
226 30.2 23.8 35.6
229 29.1 15.8 23.6#



#35
Benzo(b)fluoranthene
Concen: 0.09 ng/ul
RT: 22.80 min Scan# 3436
Delta R.T. 0.00 min
Lab File: BM006102.D
Acq: 28 Jun 2016 19:02

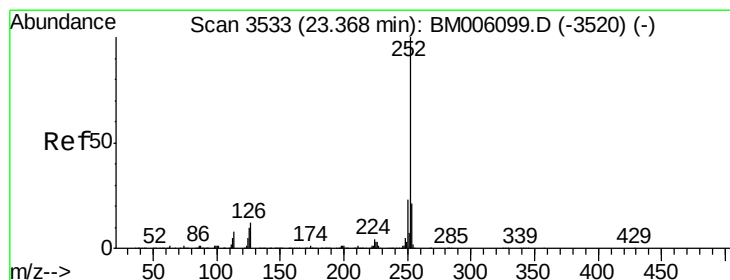
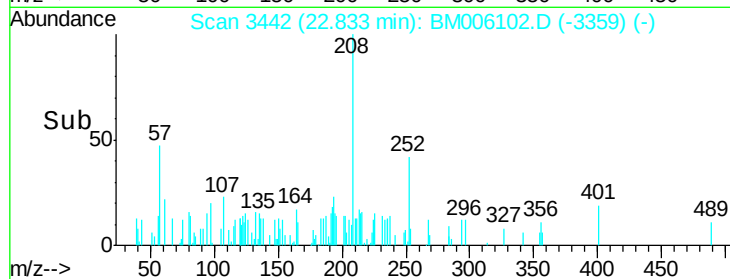
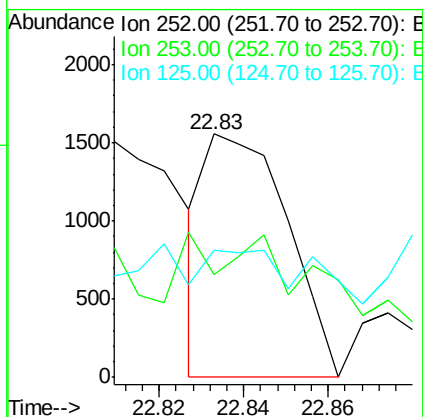
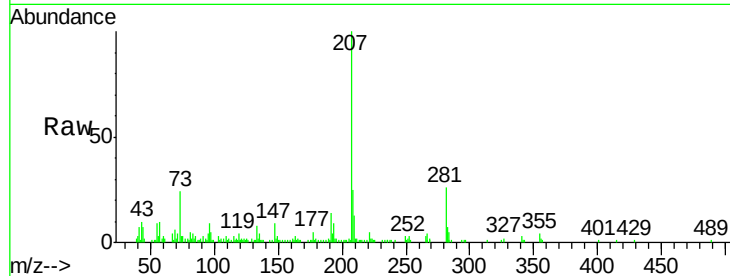
Tgt Ion: 252 Resp: 4755
Ion Ratio Lower Upper
252 100
253 50.6 17.2 25.8#
125 43.0 7.8 11.6#





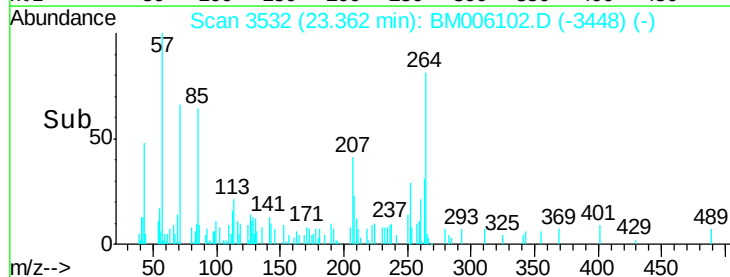
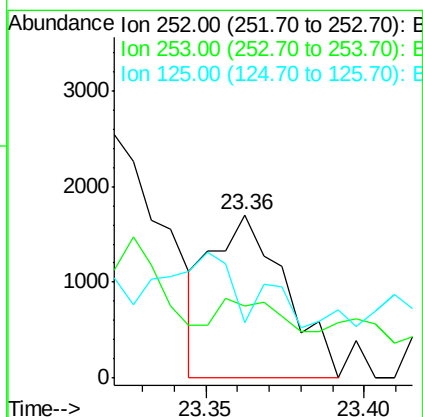
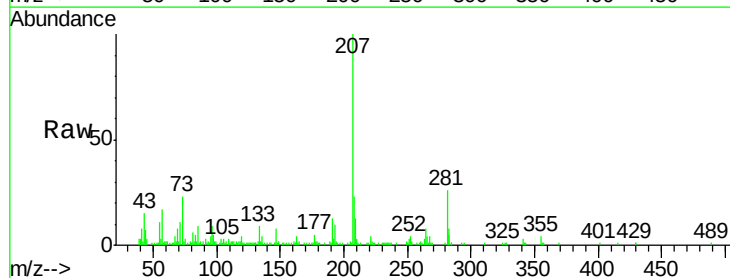
#36
Benzo(k)fluoranthene
Concen: 0.04 ng/ul
RT: 22.83 min Scan# 3442
Delta R.T. -0.01 min
Lab File: BM006102.D
Acq: 28 Jun 2016 19:02

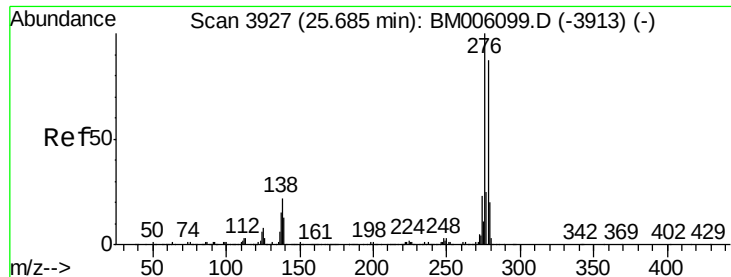
Tgt Ion:252 Resp: 2112
Ion Ratio Lower Upper
252 100
253 42.2 17.6 26.4#
125 52.0 8.1 12.1#



#38
Benzo(a)pyrene
Concen: 0.06 ng/ul
RT: 23.36 min Scan# 3532
Delta R.T. -0.01 min
Lab File: BM006102.D
Acq: 28 Jun 2016 19:02

Tgt Ion:252 Resp: 2778
Ion Ratio Lower Upper
252 100
253 44.0 17.8 26.6#
125 33.6 8.7 13.1#

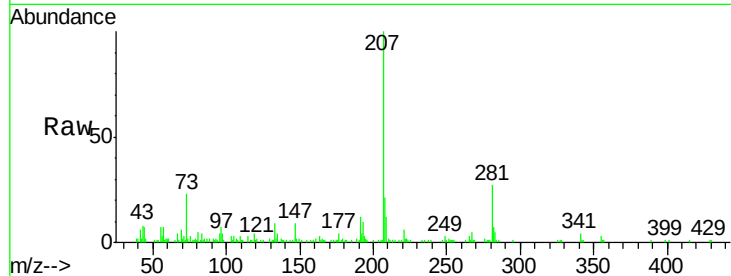




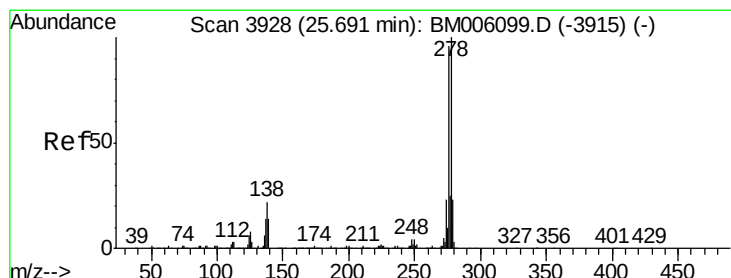
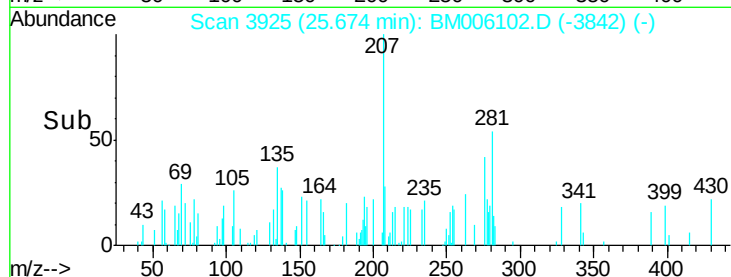
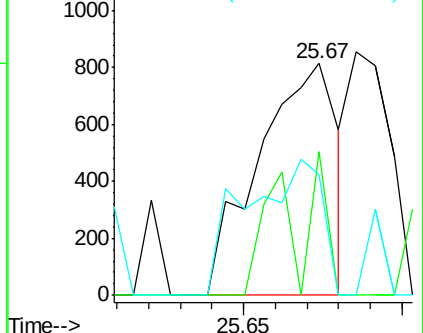
#39

Indeno(1,2,3-cd)pyrene
Concen: 0.03 ng/ul
RT: 25.67 min Scan# 3925
Delta R.T. -0.01 min
Lab File: BM006102.D
Acq: 28 Jun 2016 19:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	61.8	20.4	30.6#
277	52.3	20.6	30.8#



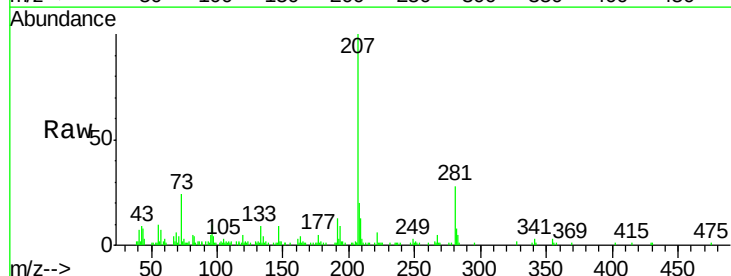
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



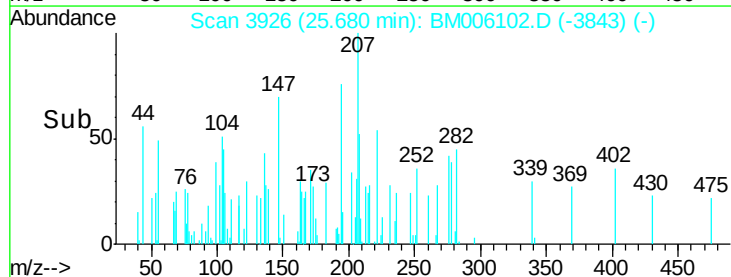
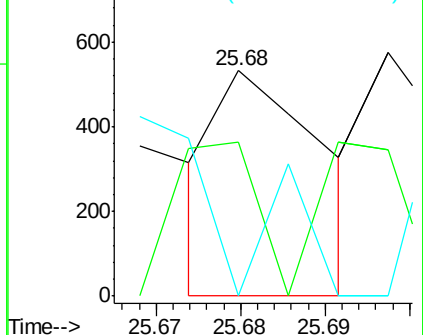
#40

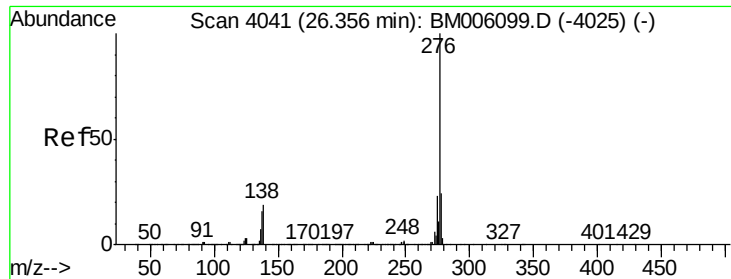
Dibenzo(a,h)anthracene
Concen: 0.01 ng/ul
RT: 25.68 min Scan# 3926
Delta R.T. -0.01 min
Lab File: BM006102.D
Acq: 28 Jun 2016 19:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	68.4	13.0	19.4#
279	0.0	18.8	28.2#



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#41

Benzo(g,h,i)perylene

Concen: 0.04 ng/ul

RT: 26.36 min Scan# 4041

Delta R.T. 0.00 min

Lab File: BM006102.D

Acq: 28 Jun 2016 19:02

Tgt Ion: 276 Resp: 1568

Ion Ratio Lower Upper

276 100

138 0.0 16.6 25.0#

277 0.0 18.9 28.3#

