

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062816\
 Data File : BM006107.D
 Acq On : 28 Jun 2016 22:02
 Operator : UM/SJ
 Sample : H3780-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 29 01:15:45 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	208499	20.00	ng/ul	0.00
7) Naphthalene-d8	10.43	136	1005571	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.30	164	618541	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.05	188	1425333	20.00	ng/ul	0.00
29) Chrysene-d12	21.24	240	1512196	20.00	ng/ul	0.00
34) Perylene-d12	23.46	264	1221077	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.17	96	8140	1.81	ng/uL	0.00
3) Phenol-d5	6.82	99	406317	23.85	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.99	67	257474	25.64	ng/ul	0.00
5) 2-Chlorophenol-d4	7.18	132	305900	23.40	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	356260	25.99	ng/ul	0.00
8) Nitrobenzene-d5	8.80	128	169245	24.99	ng/ul	0.00
9) 2-Nitrophenol-d4	9.52	143	190365	24.56	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	335417	23.71	ng/ul	0.00
12) 4-Chloroaniline-d4	10.57	131	438389	39.21	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	1209935	27.29	ng/ul	0.00
17) Acenaphthylene-d8	13.99	160	1435908	26.69	ng/ul	0.00
20) 4-Nitrophenol-d4	14.51	143	205096	24.38	ng/ul	0.00
21) Fluorene-d10	15.30	176	998795	26.40	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.42	200	154456	30.60	ng/ul	0.00
26) Anthracene-d10	17.15	188	1539583	26.93	ng/ul	0.00
30) Pyrene-d10	19.45	212	1726813	28.36	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.32	264	1326096	27.29	ng/ul	0.00

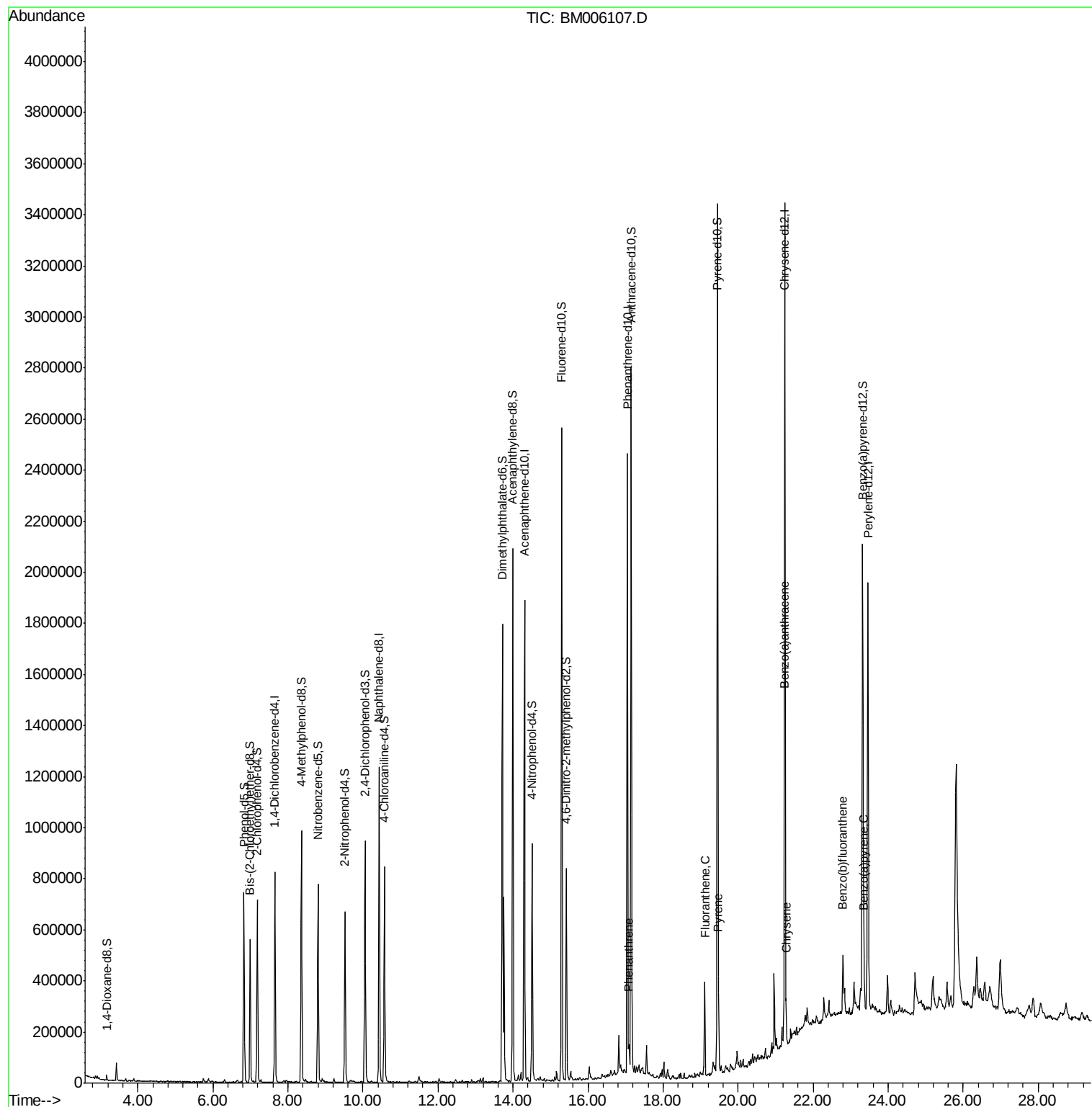
Target Compounds

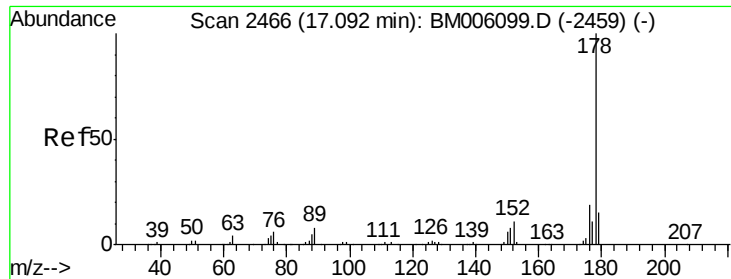
						Qvalue
25) Phenanthrene	17.09	178	78718	1.17	ng/ul	99
28) Fluoranthene	19.12	202	224761	2.72	ng/ul	98
31) Pyrene	19.48	202	171359	2.15	ng/ul	97
32) Benzo(a)anthracene	21.23	228	104809	1.33	ng/ul	99
33) Chrysene	21.28	228	103627	1.43	ng/ul	97
35) Benzo(b)fluoranthene	22.80	252	115967	1.83	ng/ul#	95
38) Benzo(a)pyrene	23.36	252	71881	1.20	ng/ul	97

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

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#25

Phenanthrene

Concen: 1.17 ng/ul

RT: 17.09 min Scan# 2466

Delta R.T. -0.00 min

Lab File: BM006107.D

Acq: 28 Jun 2016 22:02

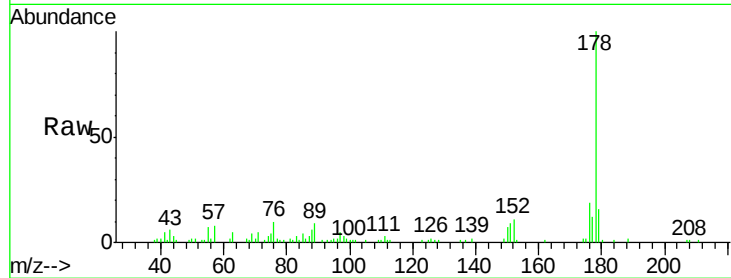
Tgt Ion:178 Resp: 78718

Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.2

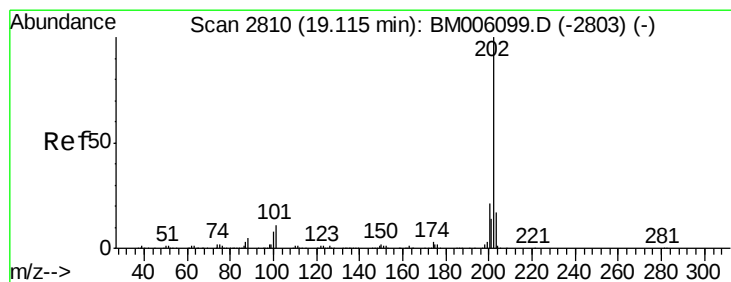
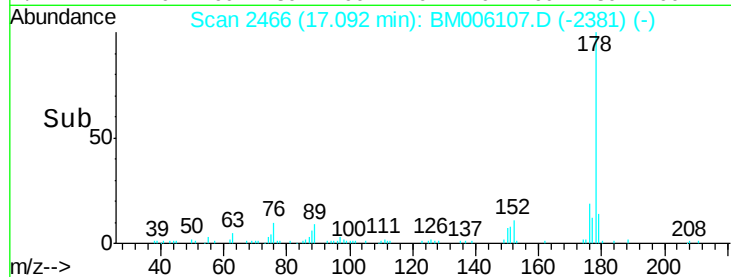
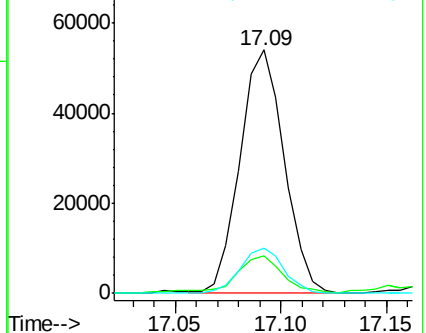
176 18.8 15.3 22.9



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



#28

Fluoranthene

Concen: 2.72 ng/ul

RT: 19.12 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BM006107.D

Acq: 28 Jun 2016 22:02

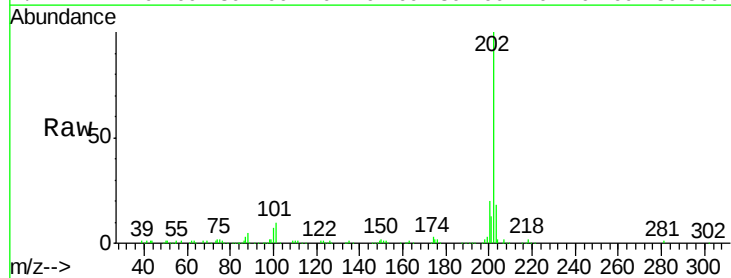
Tgt Ion:202 Resp: 224761

Ion Ratio Lower Upper

202 100

101 10.2 8.5 12.7

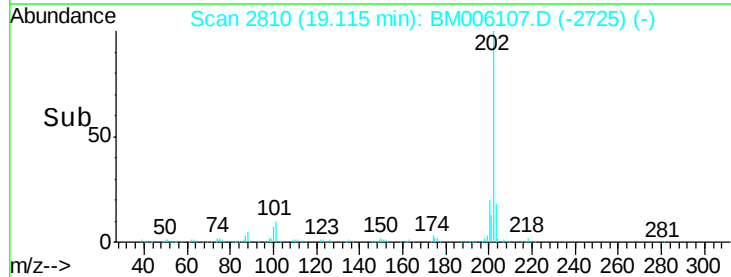
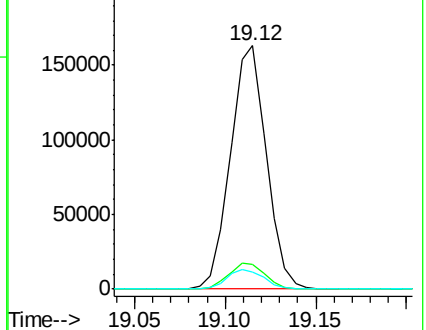
100 7.1 6.5 9.7

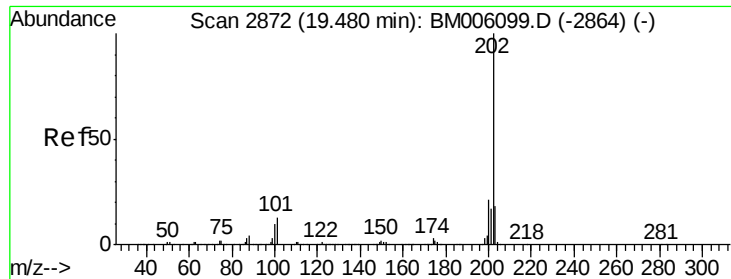


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

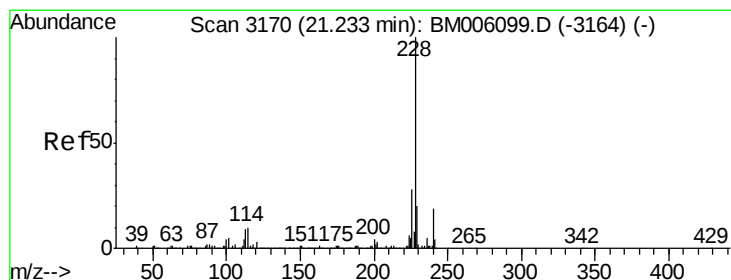
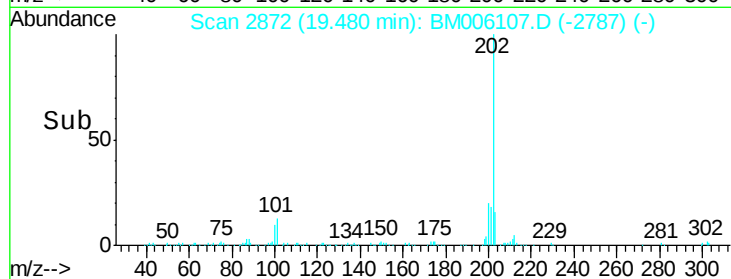
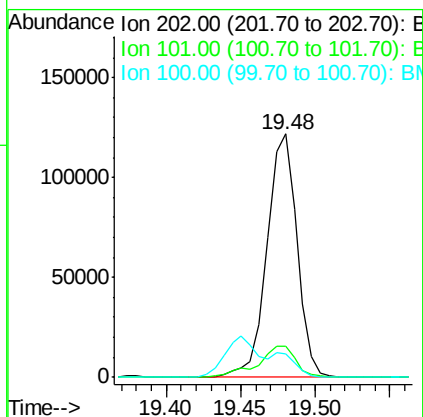
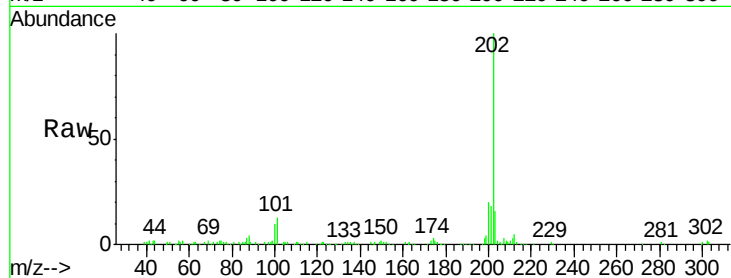
Ion 100.00 (99.70 to 100.70): E





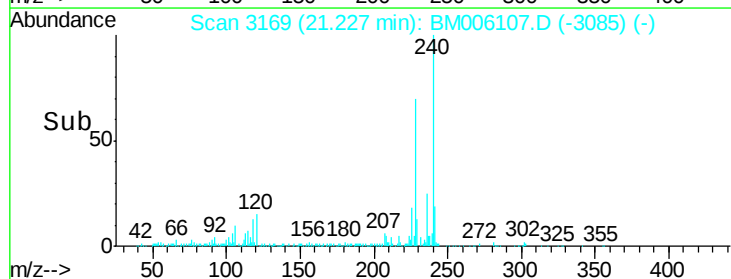
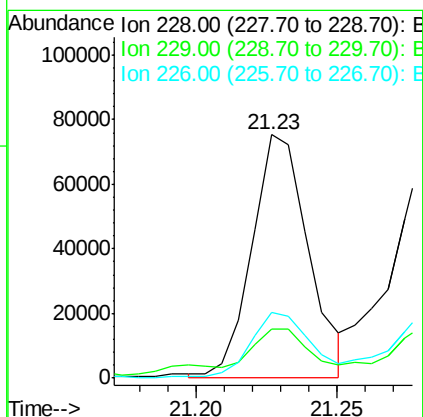
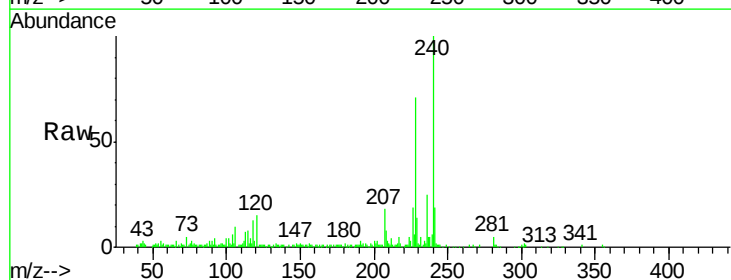
#31
 Pyrene
 Concen: 2.15 ng/ul
 RT: 19.48 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: BM006107.D
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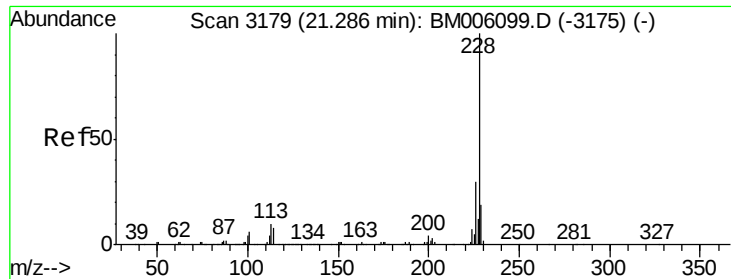
Tgt Ion:	202	Resp:	171359
Ion	Ratio	Lower	Upper
202	100		
101	12.8	11.0	16.4
100	9.9	8.9	13.3



#32
 Benzo(a)anthracene
 Concen: 1.33 ng/ul
 RT: 21.23 min Scan# 3169
 Delta R.T. -0.01 min
 Lab File: BM006107.D
 Acq: 28 Jun 2016 22:02

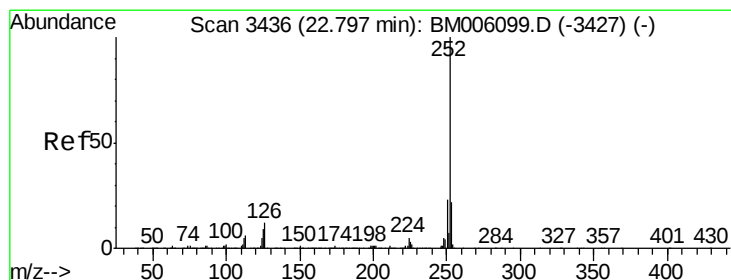
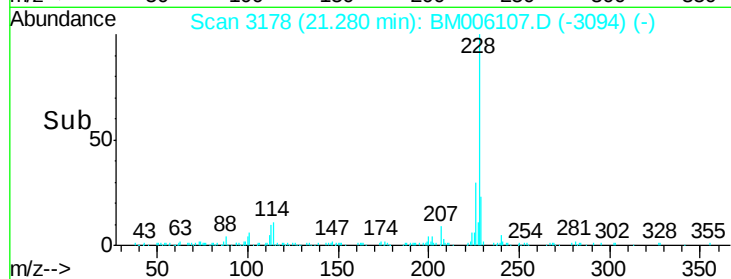
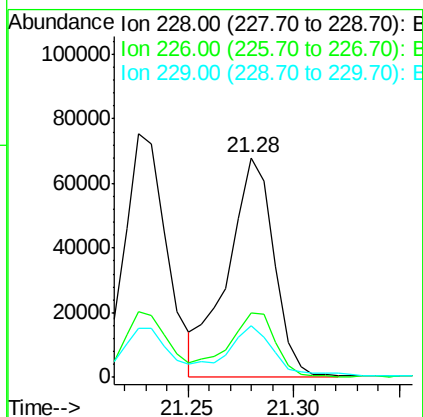
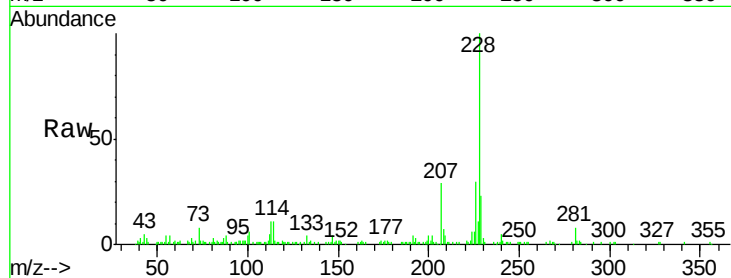
Tgt Ion:	228	Resp:	104809
Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.6	23.4
226	26.8	21.6	32.4





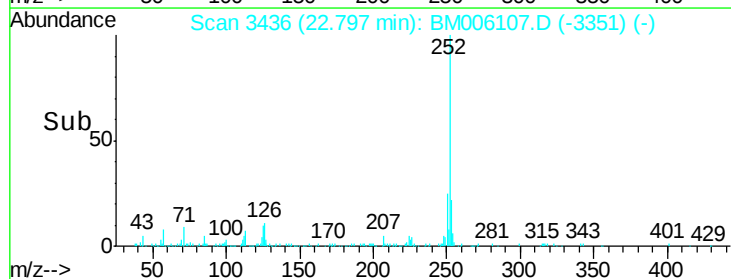
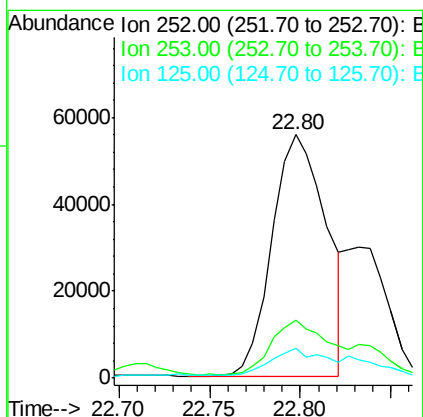
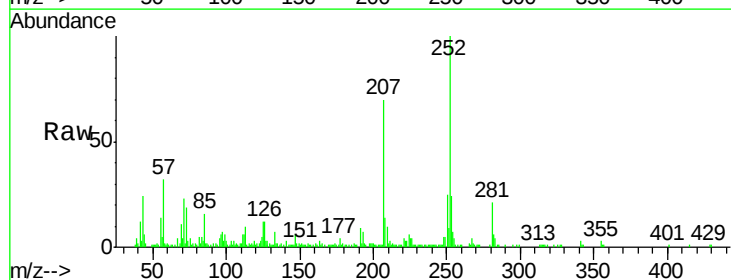
#33
 Chrysene
 Concen: 1.43 ng/ul
 RT: 21.28 min Scan# 3178
 Delta R.T. -0.01 min
 Lab File: BM006107.D
 Acq: 28 Jun 2016 22:02

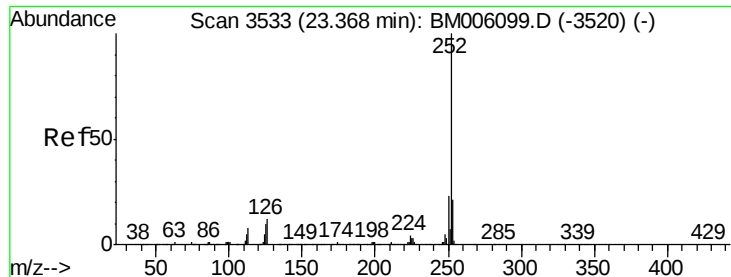
Tgt Ion:	228	Resp:	103627
Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.8	35.6
229	23.3	15.8	23.6



#35
 Benzo(b)fluoranthene
 Concen: 1.83 ng/ul
 RT: 22.80 min Scan# 3436
 Delta R.T. -0.00 min
 Lab File: BM006107.D
 Acq: 28 Jun 2016 22:02

Tgt Ion:	252	Resp:	115967
Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.2	25.8
125	12.3	7.8	11.6#





#38

Benzo(a)pyrene

Concen: 1.20 ng/ul

RT: 23.36 min Scan# 3532

Delta R.T. -0.01 min

Lab File: BM006107.D

Acq: 28 Jun 2016 22:02

Tgt Ion: 252 Resp: 71881

Ion Ratio Lower Upper

252 100

253 23.9 17.8 26.6

125 9.9 8.7 13.1

