

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062816\
 Data File : BM006103.D
 Acq On : 28 Jun 2016 19:38
 Operator : UM/SJ
 Sample : H3779-16
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 29 01:09:08 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	197715	20.00	ng/ul	0.00
7) Naphthalene-d8	10.43	136	922234	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.30	164	583147	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.05	188	1362323	20.00	ng/ul	0.00
29) Chrysene-d12	21.24	240	1360288	20.00	ng/ul	0.00
34) Perylene-d12	23.46	264	1086969	20.00	ng/ul	0.00

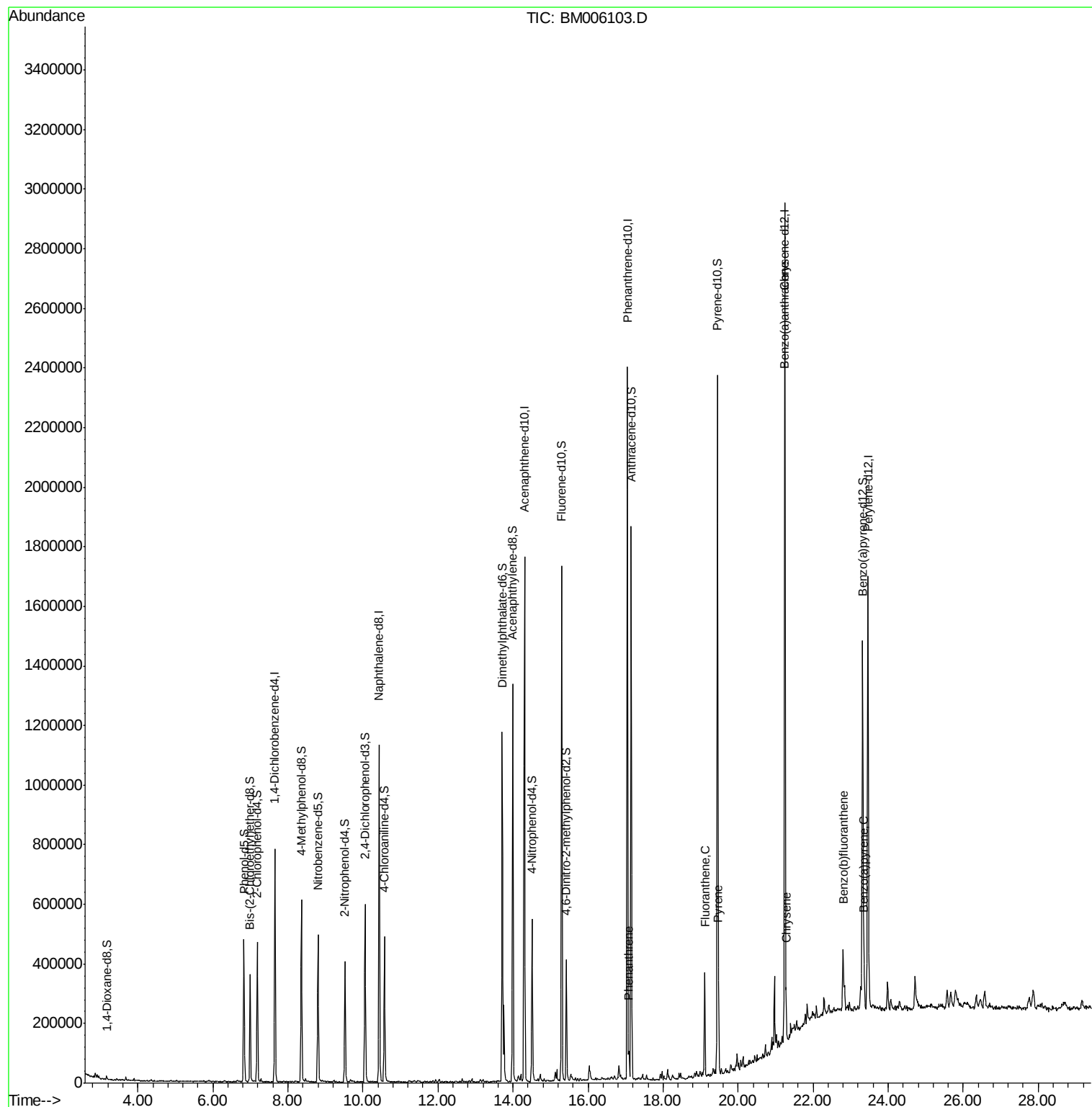
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.17	96	5731	1.35	ng/uL	0.00
3) Phenol-d5	6.82	99	260179	16.11	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.99	67	168416	17.68	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	200810	16.20	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	219886	16.91	ng/ul	0.00
8) Nitrobenzene-d5	8.80	128	106534	17.15	ng/ul	0.00
9) 2-Nitrophenol-d4	9.52	143	116773	16.43	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	211046	16.27	ng/ul	0.00
12) 4-Chloroaniline-d4	10.57	131	259263	25.29	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	779918	18.66	ng/ul	0.00
17) Acenaphthylene-d8	13.99	160	932766	18.39	ng/ul	0.00
20) 4-Nitrophenol-d4	14.51	143	118815	14.98	ng/ul	0.00
21) Fluorene-d10	15.30	176	674134	18.90	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.42	200	75249	15.59	ng/ul	0.00
26) Anthracene-d10	17.15	188	1054621	19.30	ng/ul	0.00
30) Pyrene-d10	19.45	212	1197704	21.87	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.32	264	856705	19.81	ng/ul	0.00

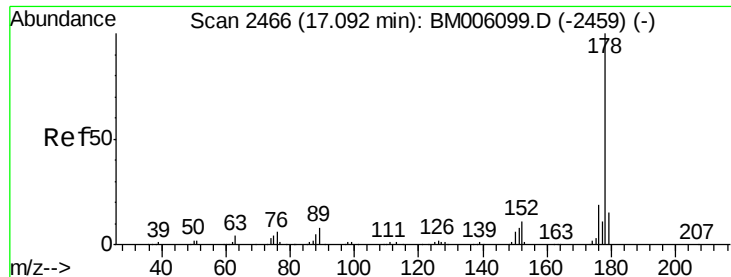
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
25) Phenanthrene	17.09	178	67005	1.04	ng/ul	96
28) Fluoranthene	19.12	202	211627	2.68	ng/ul	99
31) Pyrene	19.48	202	166783	2.32	ng/ul	97
32) Benzo(a)anthracene	21.23	228	92650	1.31	ng/ul	98
33) Chrysene	21.28	228	102114	1.57	ng/ul	96
35) Benzo(b)fluoranthene	22.80	252	114711	2.03	ng/ul	96
38) Benzo(a)pyrene	23.36	252	71497	1.34	ng/ul	99

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

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#25

Phenanthrene

Concen: 1.04 ng/ul

RT: 17.09 min Scan# 2466

Delta R.T. 0.00 min

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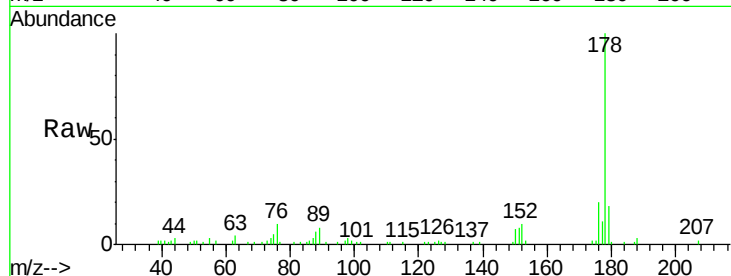
Tgt Ion:178 Resp: 67005

Ion Ratio Lower Upper

178 100

179 17.8 12.2 18.2

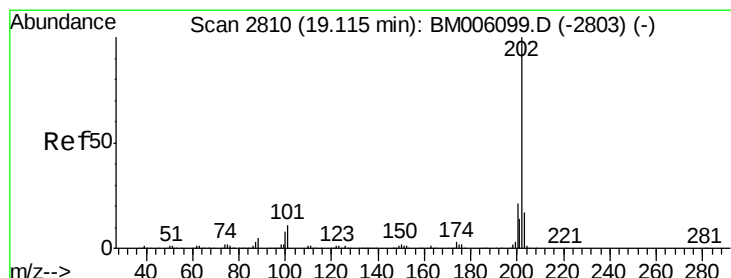
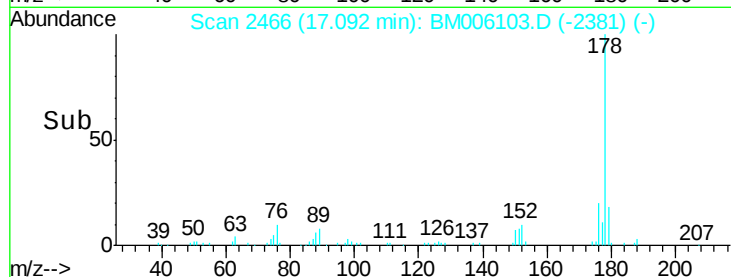
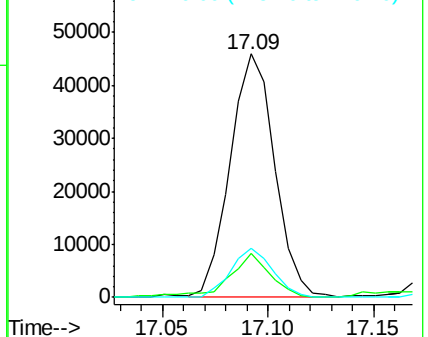
176 20.3 15.3 22.9



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: 2.68 ng/ul

RT: 19.12 min Scan# 2810

Delta R.T. 0.00 min

Lab File: BM006103.D

Acq: 28 Jun 2016 19:38

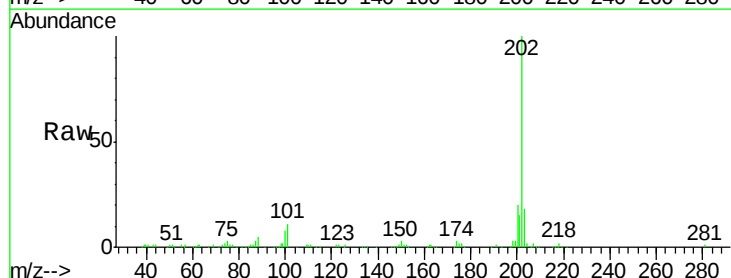
Tgt Ion:202 Resp: 211627

Ion Ratio Lower Upper

202 100

101 11.0 8.5 12.7

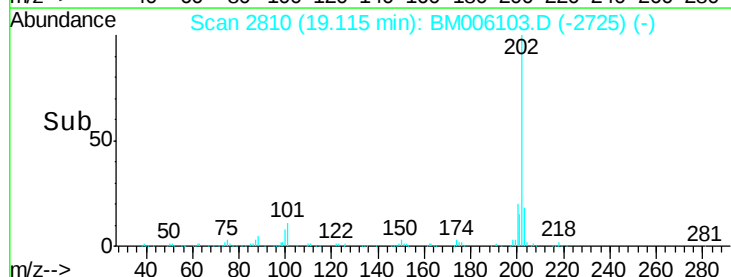
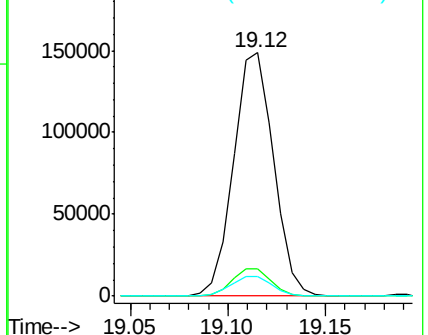
100 7.9 6.5 9.7

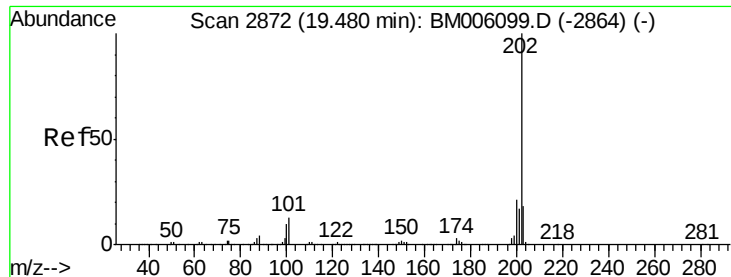


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

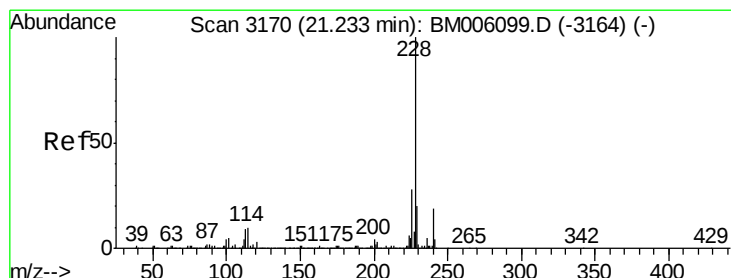
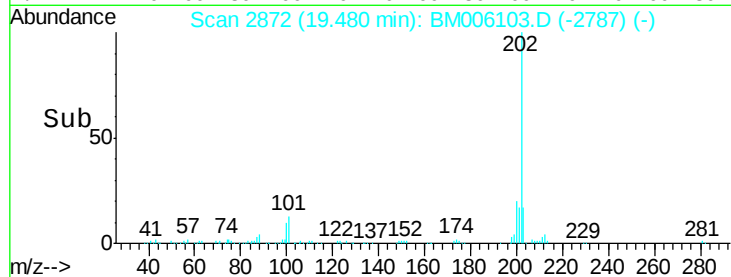
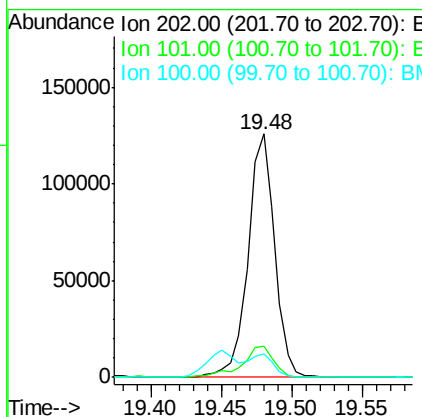
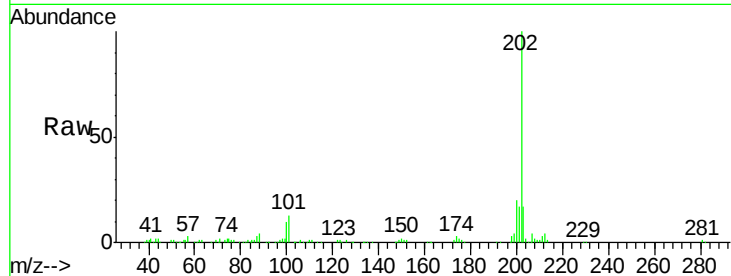
Ion 100.00 (99.70 to 100.70): E





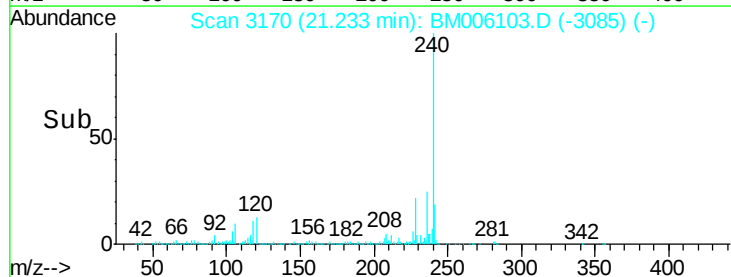
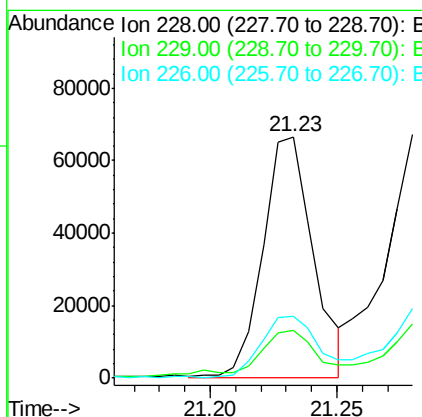
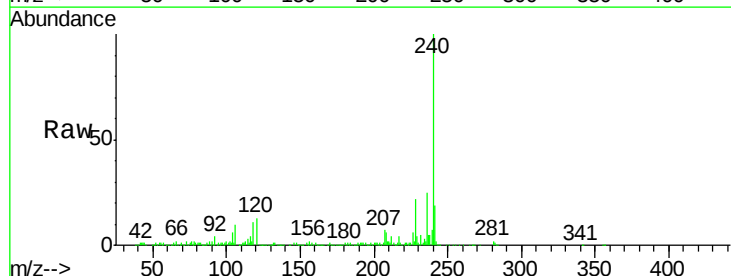
#31
Pyrene
Concen: 2.32 ng/ul
RT: 19.48 min Scan# 2872
Delta R.T. -0.00 min
Lab File: BM006103.D
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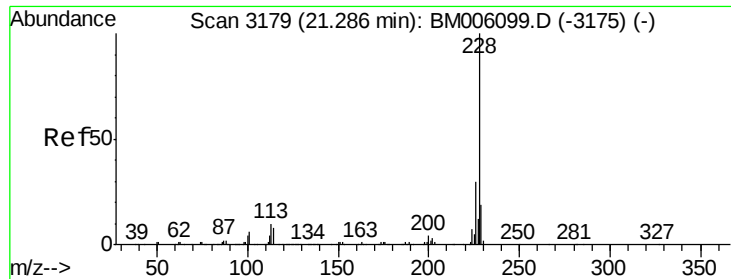
Tgt Ion:	202	Resp:	166783
Ion Ratio	Lower	Upper	
202	100		
101	12.9	11.0	16.4
100	9.9	8.9	13.3



#32
Benzo(a)anthracene
Concen: 1.31 ng/ul
RT: 21.23 min Scan# 3170
Delta R.T. -0.00 min
Lab File: BM006103.D
Acq: 28 Jun 2016 19:38

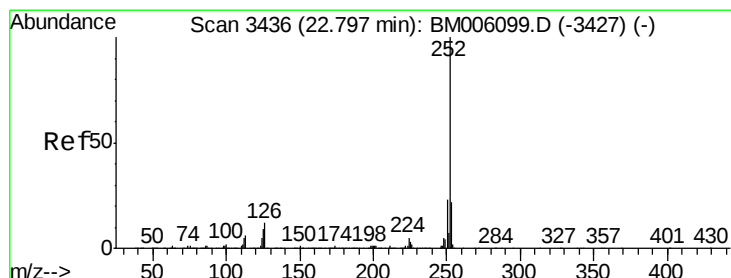
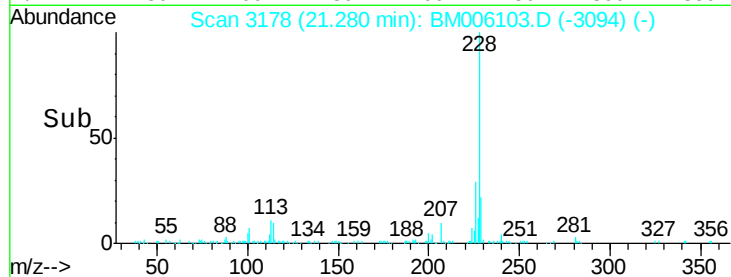
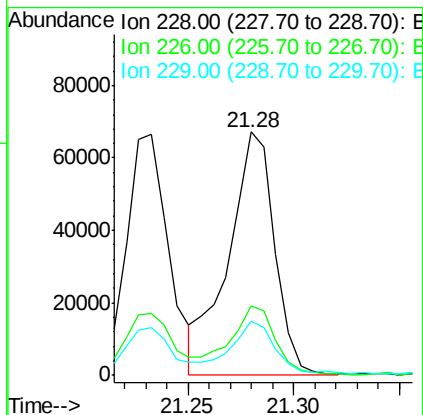
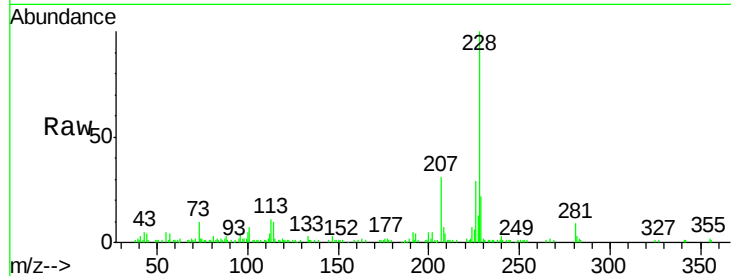
Tgt Ion:	228	Resp:	92650
Ion Ratio	Lower	Upper	
228	100		
229	19.7	15.6	23.4
226	25.7	21.6	32.4





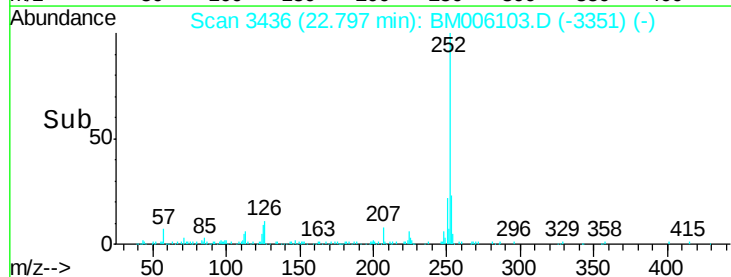
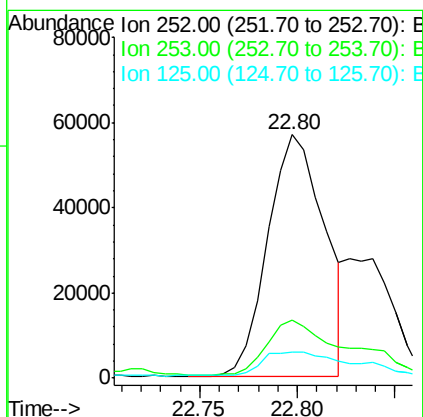
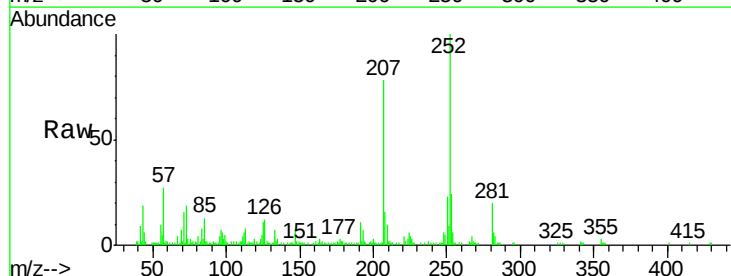
#33
 Chrysene
 Concen: 1.57 ng/ul
 RT: 21.28 min Scan# 3178
 Delta R.T. -0.01 min
 Lab File: BM006103.D
 Acq: 28 Jun 2016 19:38

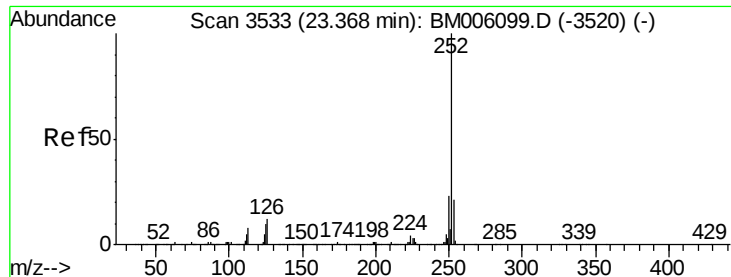
Tgt Ion:	228	Resp:	102114
Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.8	35.6
229	22.4	15.8	23.6



#35
 Benzo(b)fluoranthene
 Concen: 2.03 ng/ul
 RT: 22.80 min Scan# 3436
 Delta R.T. -0.00 min
 Lab File: BM006103.D
 Acq: 28 Jun 2016 19:38

Tgt Ion:	252	Resp:	114711
Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.2	25.8
125	10.6	7.8	11.6





#38

Benzo(a)pyrene

Concen: 1.34 ng/ul

RT: 23.36 min Scan# 3532

Delta R.T. -0.01 min

Lab File: BM006103.D

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Tgt Ion:	252	Resp:	71497
Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	9.6	8.7	13.1

