

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062916\
 Data File : BM006137.D
 Acq On : 29 Jun 2016 22:15
 Operator : UM/SJ
 Sample : H3779-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9YD7

Quant Time: Jun 30 03:31:05 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	232765	20.00	ng/ul	0.00
7) Naphthalene-d8	10.43	136	1110376	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.30	164	676973	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.05	188	1588623	20.00	ng/ul	0.00
29) Chrysene-d12	21.24	240	1639496	20.00	ng/ul	0.00
34) Perylene-d12	23.46	264	1302903	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.17	96	7850	1.57	ng/uL	0.00
3) Phenol-d5	6.82	99	428510	22.53	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.99	67	262828	23.44	ng/ul	0.00
5) 2-Chlorophenol-d4	7.18	132	324654	22.24	ng/ul	0.00
6) 4-Methylphenol-d8	8.35	113	356026	23.26	ng/ul	-0.01
8) Nitrobenzene-d5	8.80	128	168391	22.52	ng/ul	0.00
9) 2-Nitrophenol-d4	9.52	143	189318	22.12	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.05	165	342586	21.94	ng/ul	0.00
12) 4-Chloroaniline-d4	10.57	131	420094	34.03	ng/ul	0.00
16) Dimethylphthalate-d6	13.71	166	1119374	23.07	ng/ul	0.00
17) Acenaphthylene-d8	13.99	160	1387993	23.57	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	209959	22.80	ng/ul	0.00
21) Fluorene-d10	15.30	176	977809	23.61	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.42	200	168136	29.88	ng/ul	0.00
26) Anthracene-d10	17.14	188	1501985	23.57	ng/ul	0.00
30) Pyrene-d10	19.45	212	1762020	26.69	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.31	264	1270422	24.50	ng/ul	0.00

Target Compounds

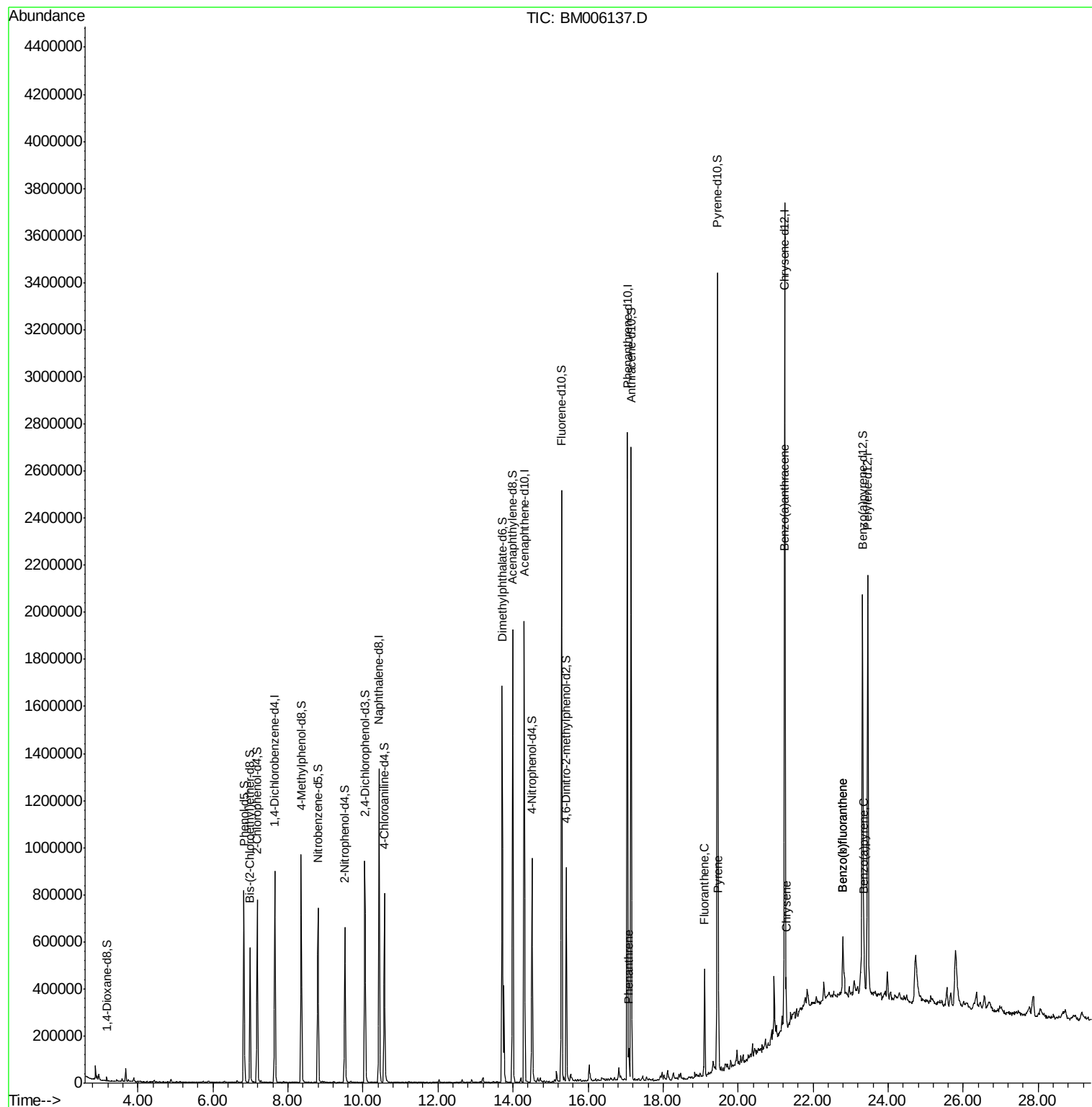
						Qvalue
25) Phenanthrene	17.09	178	76727	1.02	ng/ul	99
28) Fluoranthene	19.11	202	263940	2.87	ng/ul	99
31) Pyrene	19.47	202	208215	2.41	ng/ul	97
32) Benzo(a)anthracene	21.23	228	120634	1.42	ng/ul	99
33) Chrysene	21.28	228	121300	1.55	ng/ul	97
35) Benzo(b)fluoranthene	22.80	252	159513	2.36	ng/ul	97
36) Benzo(k)fluoranthene	22.80	252	159513	2.51	ng/ul	99
38) Benzo(a)pyrene	23.36	252	86679	1.36	ng/ul#	91

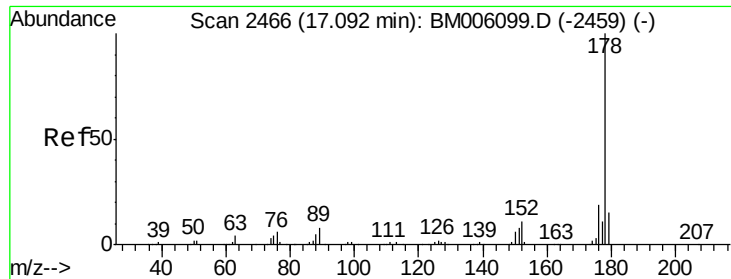
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Phenanthrene

Concen: 1.02 ng/ul

RT: 17.09 min Scan# 2466

Delta R.T. 0.00 min

Lab File: BM006137.D

Acq: 29 Jun 2016 22:15

Instrument :

BNA_M

ClientSampleId :

D9YD7

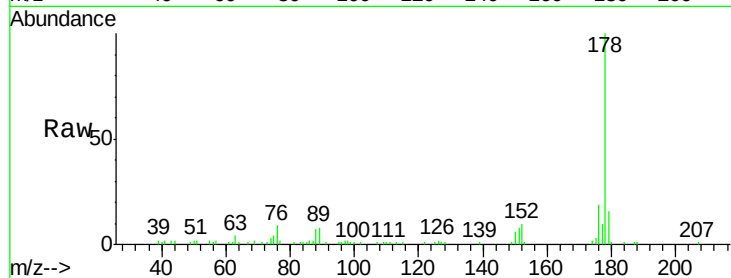
Tgt Ion:178 Resp: 76727

Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.2

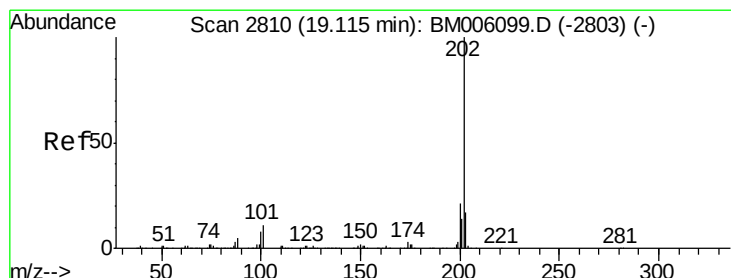
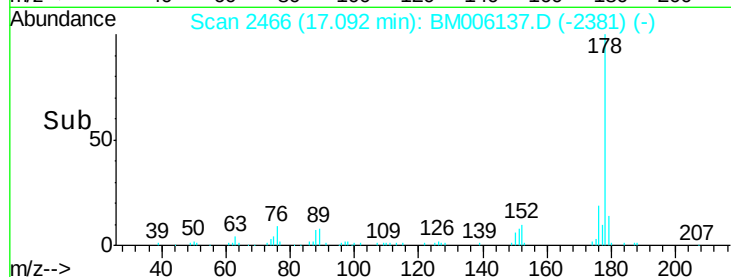
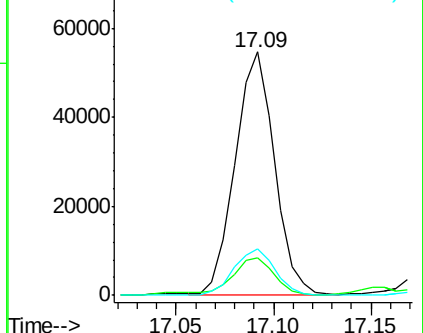
176 18.9 15.3 22.9



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: 2.87 ng/ul

RT: 19.11 min Scan# 2809

Delta R.T. -0.01 min

Lab File: BM006137.D

Acq: 29 Jun 2016 22:15

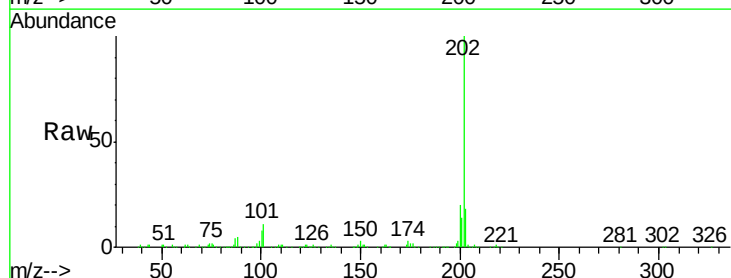
Tgt Ion:202 Resp: 263940

Ion Ratio Lower Upper

202 100

101 10.9 8.5 12.7

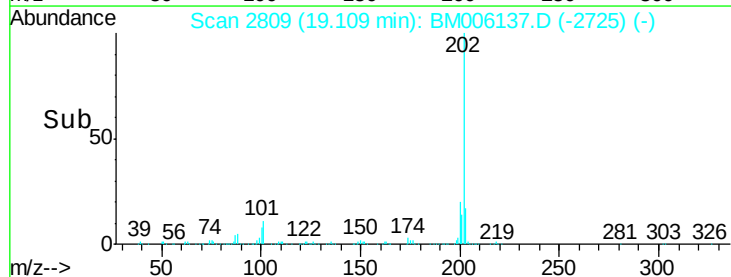
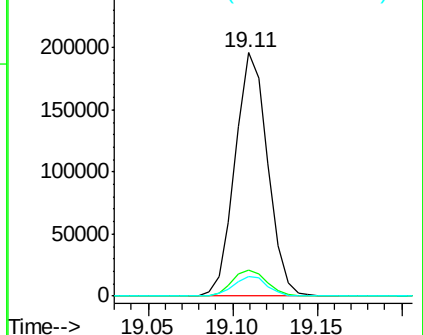
100 8.0 6.5 9.7

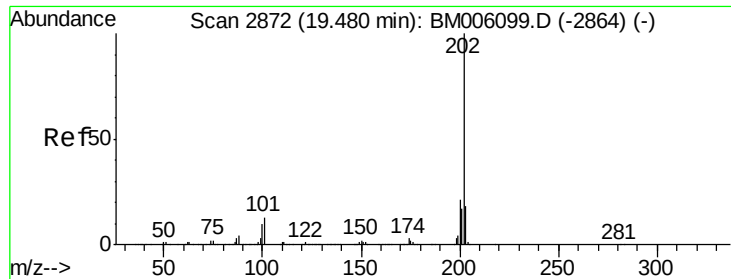


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

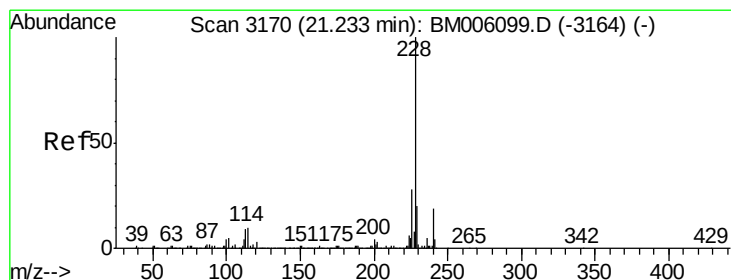
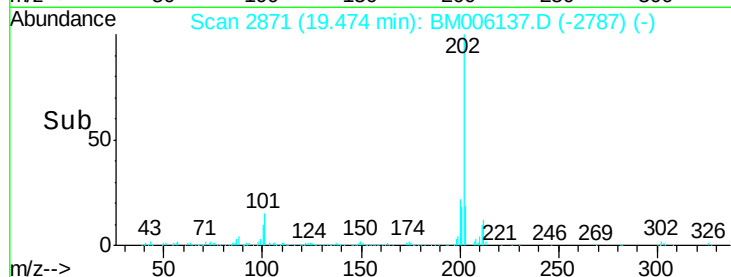
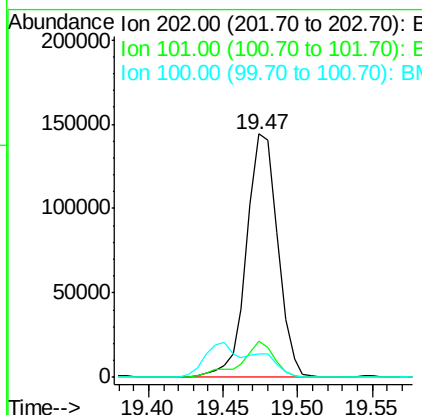
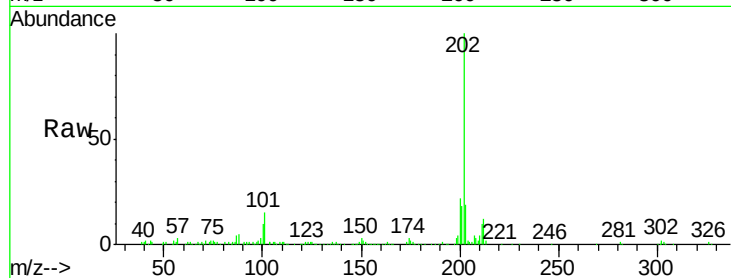




#31
 Pyrene
 Concen: 2.41 ng/ul
 RT: 19.47 min Scan# 2871
 Delta R.T. -0.01 min
 Lab File: BM006137.D
 Acq: 29 Jun 2016 22:15

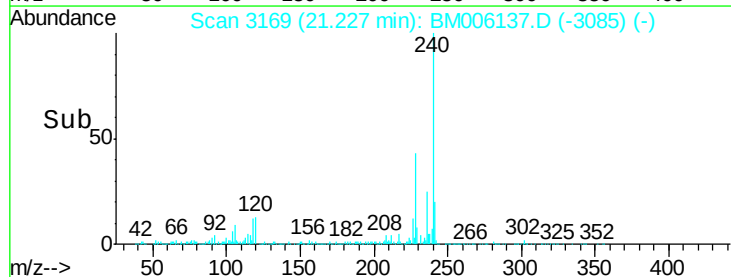
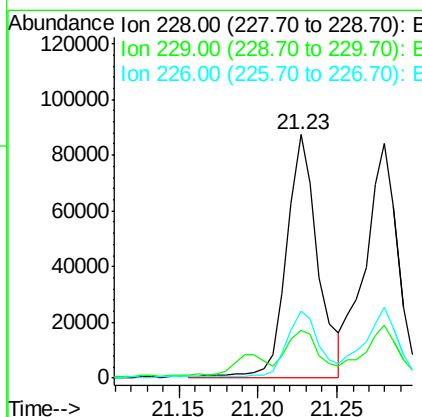
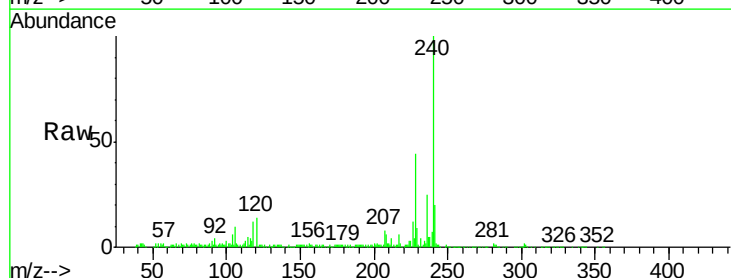
Instrument :
 BNA_M
 ClientSampleId :
 D9YD7

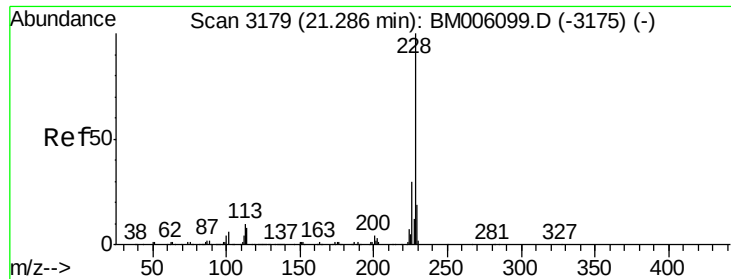
Tgt Ion:	202	Resp:	208215
Ion Ratio	Lower	Upper	
202	100		
101	14.7	11.0	16.4
100	9.8	8.9	13.3



#32
 Benzo(a)anthracene
 Concen: 1.42 ng/ul
 RT: 21.23 min Scan# 3169
 Delta R.T. -0.01 min
 Lab File: BM006137.D
 Acq: 29 Jun 2016 22:15

Tgt Ion:	228	Resp:	120634
Ion Ratio	Lower	Upper	
228	100		
229	19.8	15.6	23.4
226	27.3	21.6	32.4





#33

Chrysene

Concen: 1.55 ng/ul

RT: 21.28 min Scan# 3178

Delta R.T. -0.01 min

Lab File: BM006137.D

Acq: 29 Jun 2016 22:15

Instrument :

BNA_M

ClientSampleId :

D9YD7

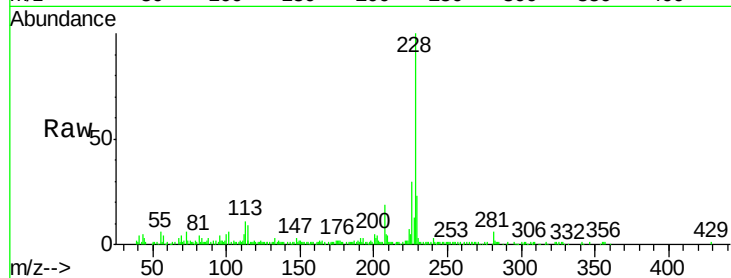
Tgt Ion:228 Resp: 121300

Ion Ratio Lower Upper

228 100

226 30.3 23.8 35.6

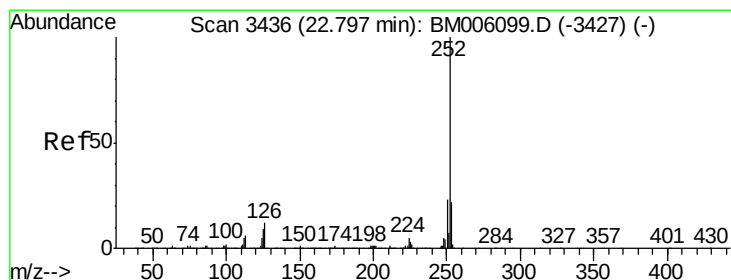
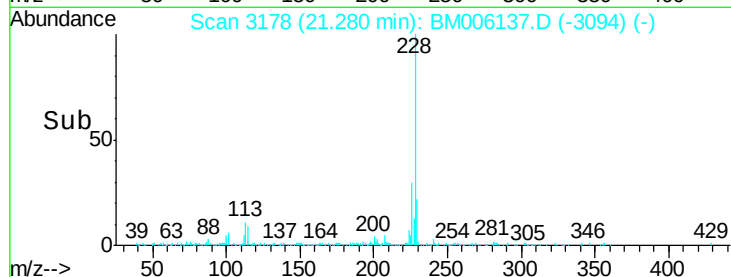
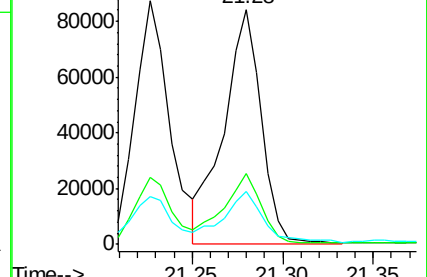
229 22.7 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#35

Benzo(b)fluoranthene

Concen: 2.36 ng/ul

RT: 22.80 min Scan# 3436

Delta R.T. 0.00 min

Lab File: BM006137.D

Acq: 29 Jun 2016 22:15

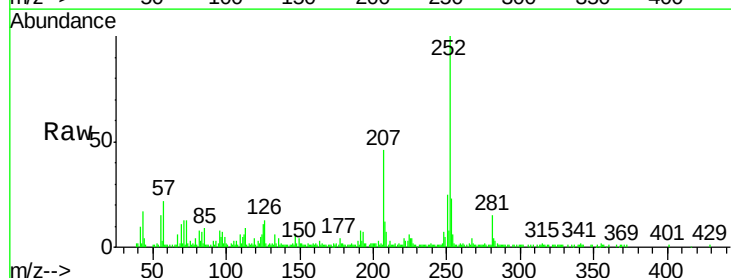
Tgt Ion:252 Resp: 159513

Ion Ratio Lower Upper

252 100

253 22.5 17.2 25.8

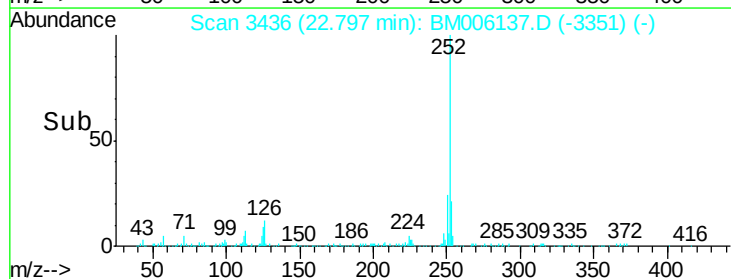
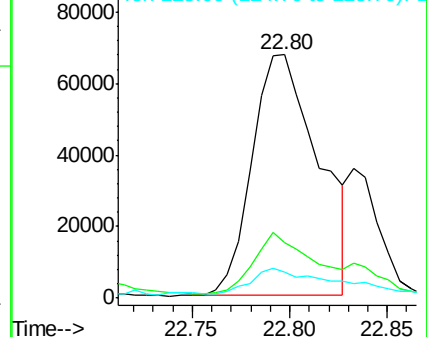
125 10.9 7.8 11.6

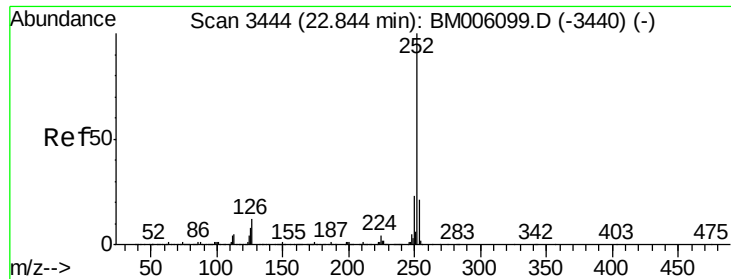


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#36

Benzo(k)fluoranthene

Concen: 2.51 ng/ul

RT: 22.80 min Scan# 3436

Delta R.T. -0.05 min

Lab File: BM006137.D

Acq: 29 Jun 2016 22:15

Instrument :

BNA_M

ClientSampleId :

D9YD7

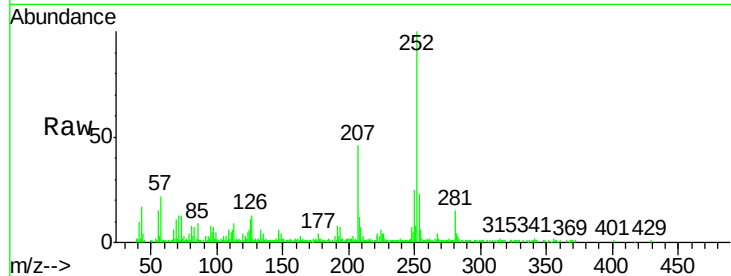
Tgt Ion:252 Resp: 159513

Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

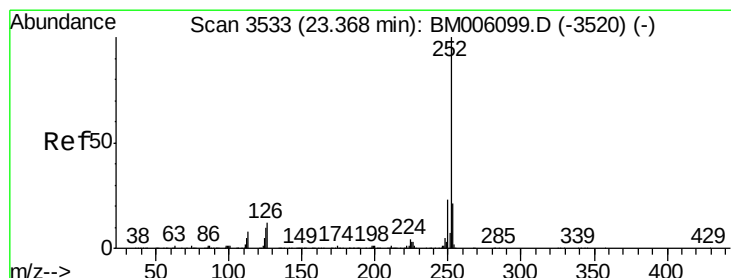
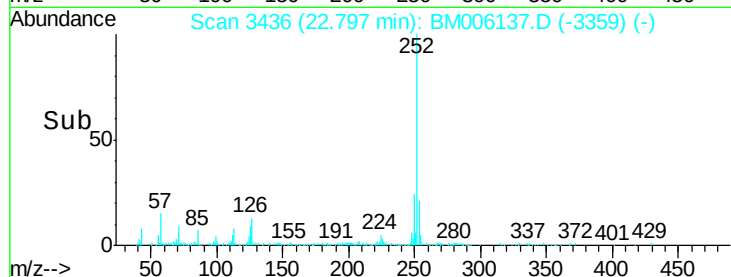
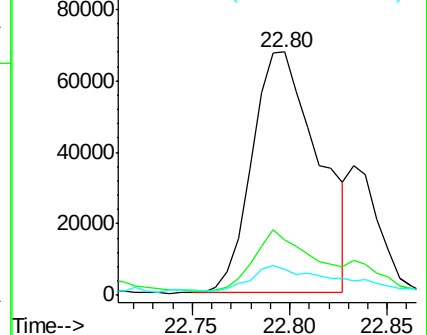
125 10.9 8.1 12.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Benzo(a)pyrene

Concen: 1.36 ng/ul

RT: 23.36 min Scan# 3531

Delta R.T. -0.01 min

Lab File: BM006137.D

Acq: 29 Jun 2016 22:15

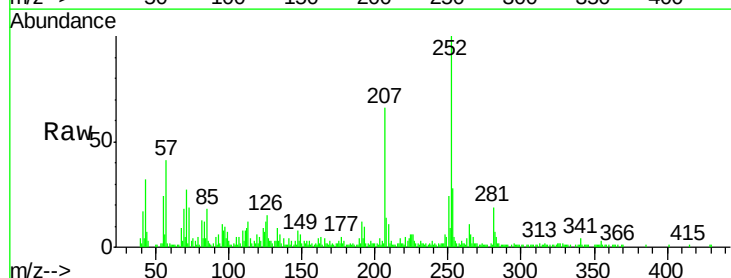
Tgt Ion:252 Resp: 86679

Ion Ratio Lower Upper

252 100

253 28.0 17.8 26.6#

125 11.6 8.7 13.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

