

Data Path : Z:\HPCHEM1\BNA_M\Data\BM063016\
 Data File : BM006153.D
 Acq On : 30 Jun 2016 10:45
 Operator : UM/SJ
 Sample : H3777-12
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9YC2

Quant Time: Jun 30 14:59:51 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	200395	20.00	ng/ul	0.00
7) Naphthalene-d8	10.43	136	907235	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.30	164	530166	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.05	188	1194918	20.00	ng/ul	0.00
29) Chrysene-d12	21.25	240	1158240	20.00	ng/ul	0.00
34) Perylene-d12	23.46	264	972163	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.16	96	8611	2.00	ng/uL	0.00
3) Phenol-d5	6.83	99	417327	25.49	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.99	67	292290	30.28	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	350173	27.87	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	267353	20.29	ng/ul	0.00
8) Nitrobenzene-d5	8.80	128	189247	30.97	ng/ul	0.00
9) 2-Nitrophenol-d4	9.52	143	207754	29.71	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	366628	28.73	ng/ul	0.00
12) 4-Chloroaniline-d4	10.57	131	359289	35.62	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	1151382	30.30	ng/ul	0.00
17) Acenaphthylene-d8	13.99	160	1469005	31.85	ng/ul	0.00
20) 4-Nitrophenol-d4	14.51	143	152871	21.20	ng/ul	0.00
21) Fluorene-d10	15.30	176	1014447	31.28	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.42	200	154822	36.58	ng/ul	0.00
26) Anthracene-d10	17.15	188	1553420	32.41	ng/ul	0.00
30) Pyrene-d10	19.45	212	1715021	36.77	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.32	264	1231778	31.84	ng/ul	0.00

Target Compounds

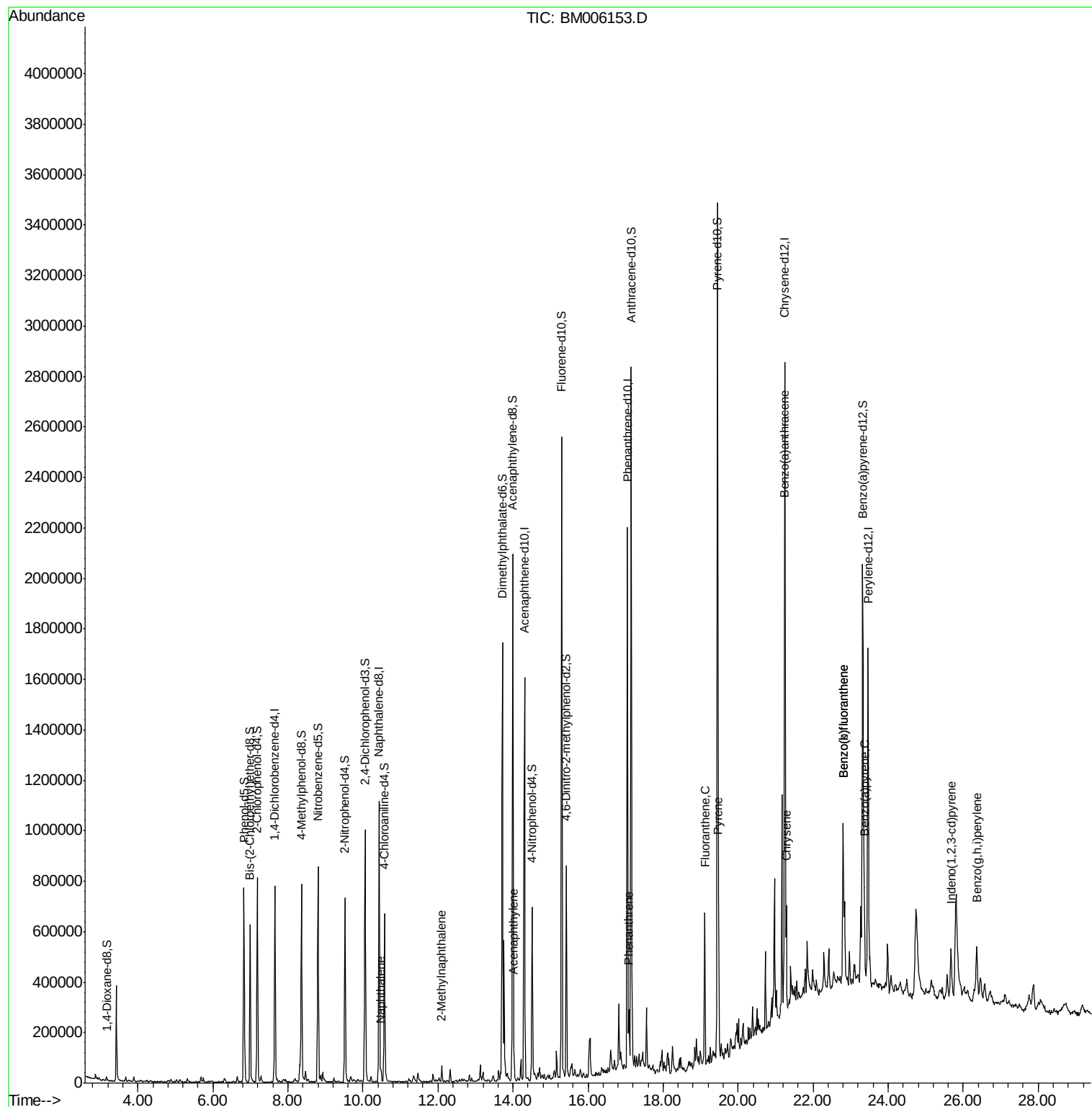
						Qvalue
11) Naphthalene	10.48	128	41325	1.04	ng/ul	98
13) 2-Methylnaphthalene	12.10	142	32620	1.08	ng/ul	94
18) Acenaphthylene	14.02	152	59708	1.24	ng/ul#	96
25) Phenanthrene	17.09	178	128340	2.27	ng/ul	99
28) Fluoranthene	19.12	202	369146	5.33	ng/ul	100
31) Pyrene	19.48	202	348318	5.70	ng/ul	98
32) Benzo(a)anthracene	21.23	228	225815	3.75	ng/ul	95
33) Chrysene	21.29	228	270023	4.87	ng/ul	98
35) Benzo(b)fluoranthene	22.80	252	448669	8.89	ng/ul	98
36) Benzo(k)fluoranthene	22.80	252	448669	9.48	ng/ul	99
38) Benzo(a)pyrene	23.37	252	247814	5.20	ng/ul	98
39) Indeno(1,2,3-cd)pyrene	25.67	276	190181	3.84	ng/ul	94
41) Benzo(g,h,i)perylene	26.36	276	184197	4.44	ng/ul	96

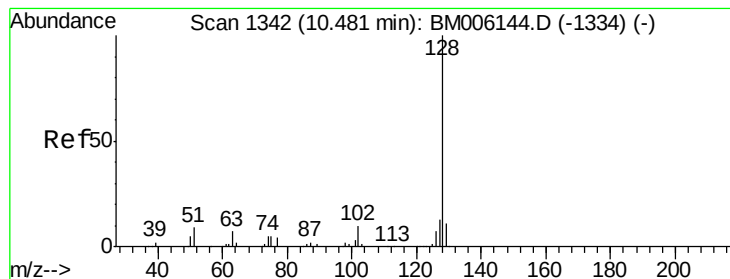
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

Naphthalene

Concen: 1.04 ng/ul

RT: 10.48 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BM006153.D

Acq: 30 Jun 2016 10:45

Instrument :

BNA_M

ClientSampleId :

D9YC2

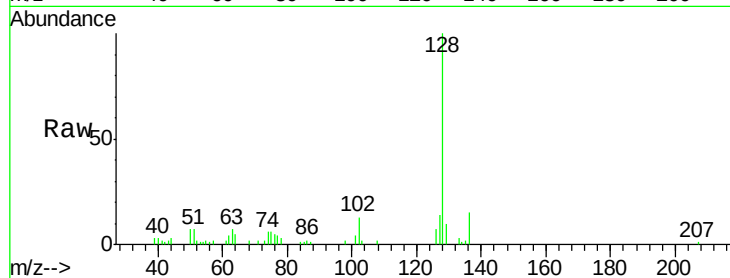
Tgt Ion:128 Resp: 41325

Ion Ratio Lower Upper

128 100

129 10.2 8.9 13.3

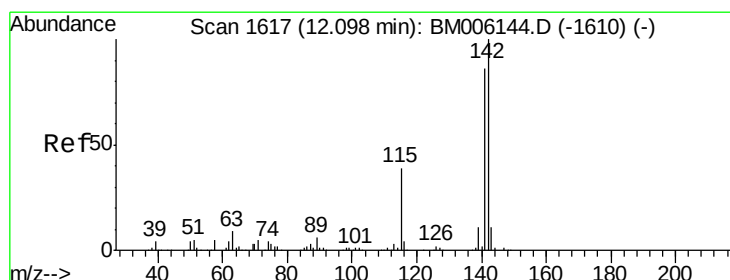
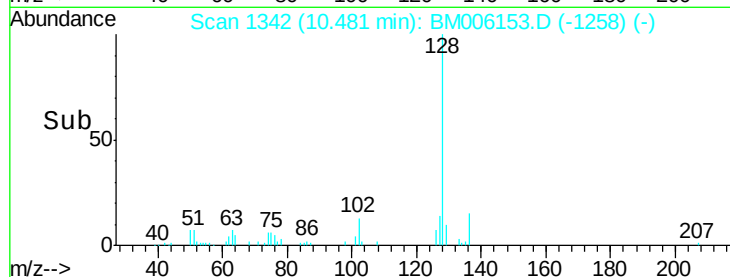
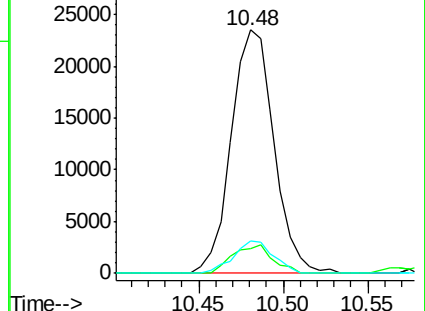
127 13.6 10.5 15.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#13

2-Methylnaphthalene

Concen: 1.08 ng/ul

RT: 12.10 min Scan# 1618

Delta R.T. 0.00 min

Lab File: BM006153.D

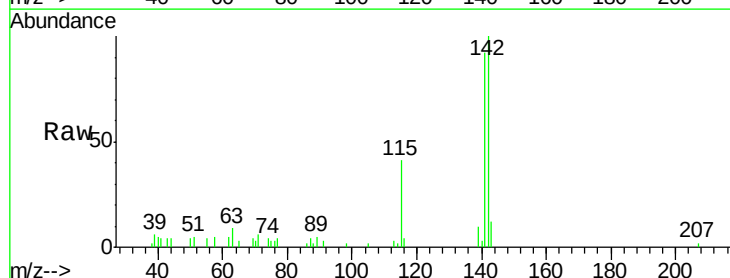
Acq: 30 Jun 2016 10:45

Tgt Ion:142 Resp: 32620

Ion Ratio Lower Upper

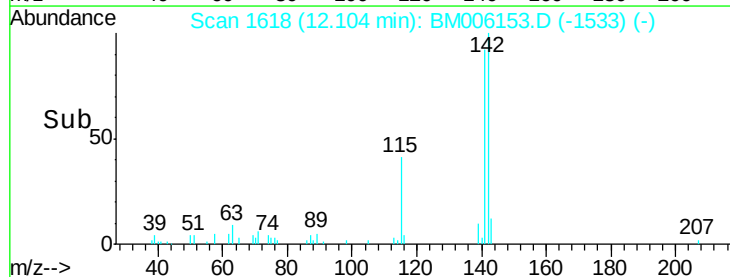
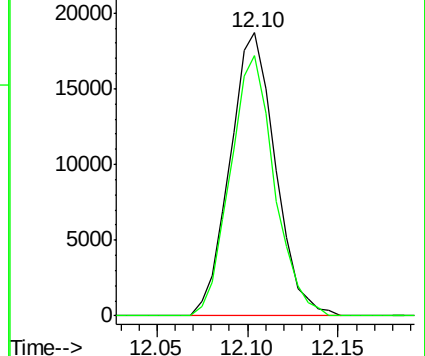
142 100

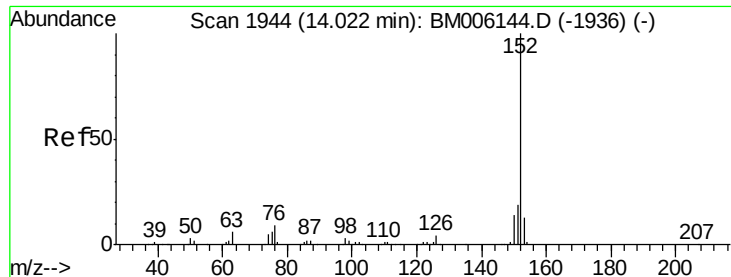
141 91.9 69.0 103.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#18

Acenaphthylene

Concen: 1.24 ng/ul

RT: 14.02 min Scan# 1944

Delta R.T. 0.00 min

Lab File: BM006153.D

Acq: 30 Jun 2016 10:45

Instrument :

BNA_M

ClientSampleId :

D9YC2

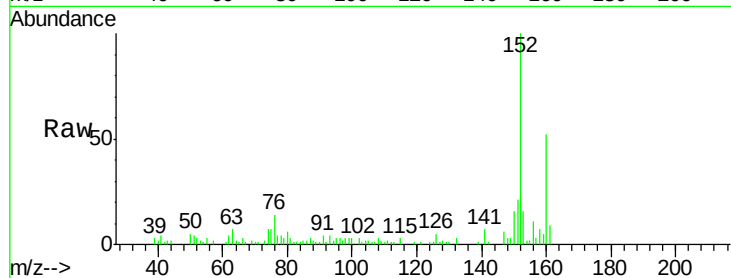
Tgt Ion:152 Resp: 59708

Ion Ratio Lower Upper

152 100

151 20.7 15.8 23.6

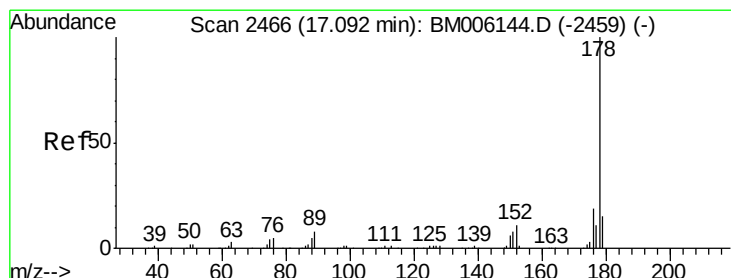
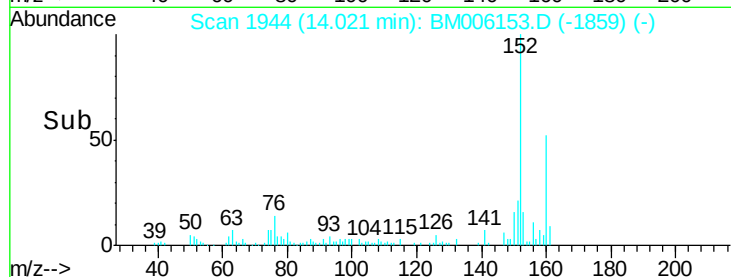
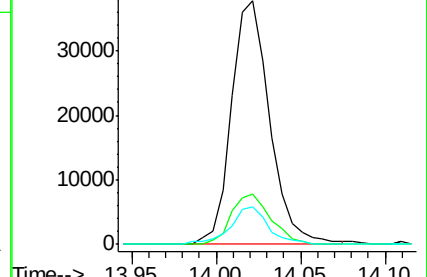
153 15.6 10.3 15.5#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#25

Phenanthrene

Concen: 2.27 ng/ul

RT: 17.09 min Scan# 2466

Delta R.T. 0.00 min

Lab File: BM006153.D

Acq: 30 Jun 2016 10:45

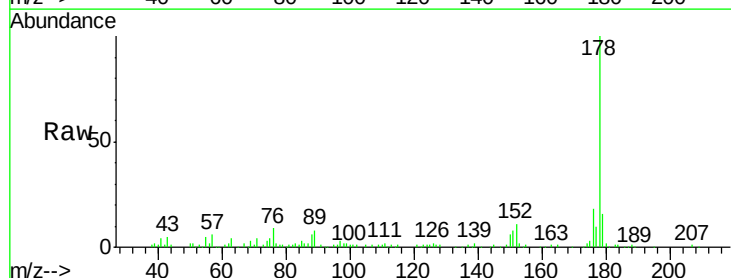
Tgt Ion:178 Resp: 128340

Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.2

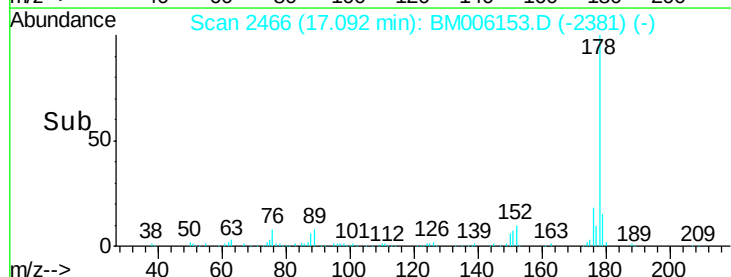
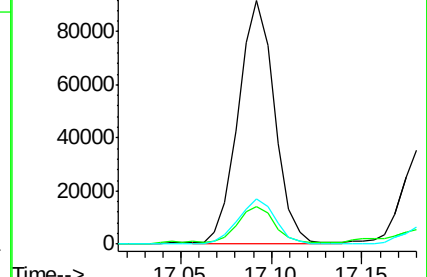
176 18.5 15.3 22.9

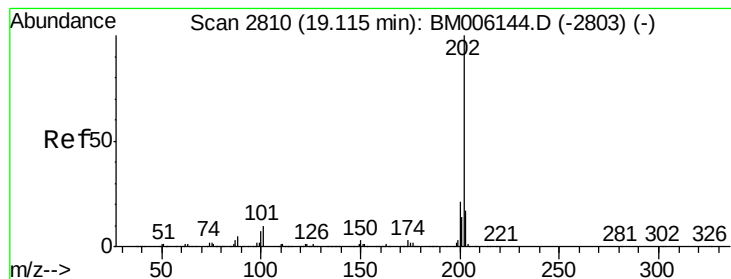


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#28

Fluoranthene

Concen: 5.33 ng/ul

RT: 19.12 min Scan# 2810

Delta R.T. 0.00 min

Lab File: BM006153.D

Acq: 30 Jun 2016 10:45

Instrument :

BNA_M

ClientSampleId :

D9YC2

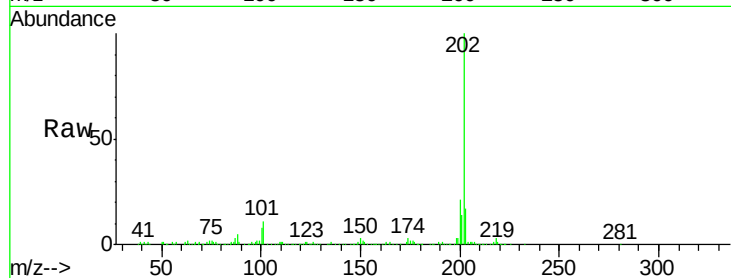
Tgt Ion:202 Resp: 369146

Ion Ratio Lower Upper

202 100

101 10.6 8.5 12.7

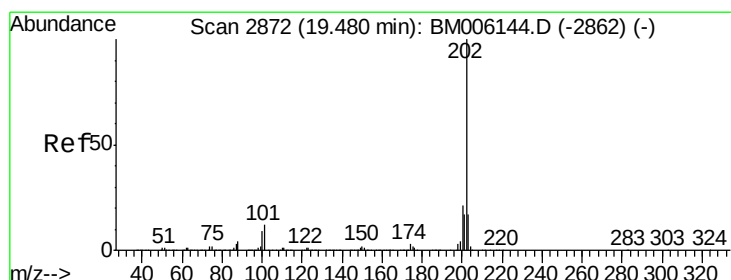
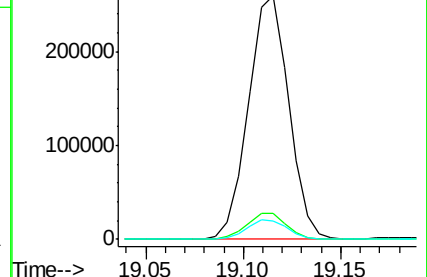
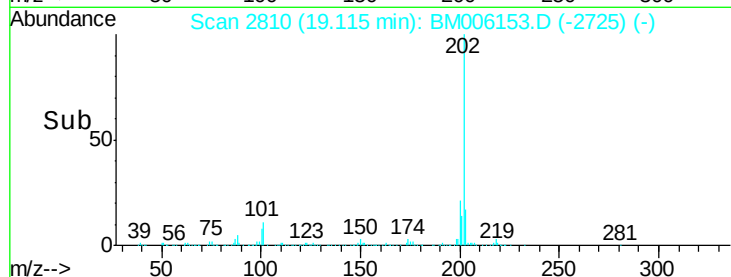
100 7.7 6.5 9.7



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: 5.70 ng/ul

RT: 19.48 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BM006153.D

Acq: 30 Jun 2016 10:45

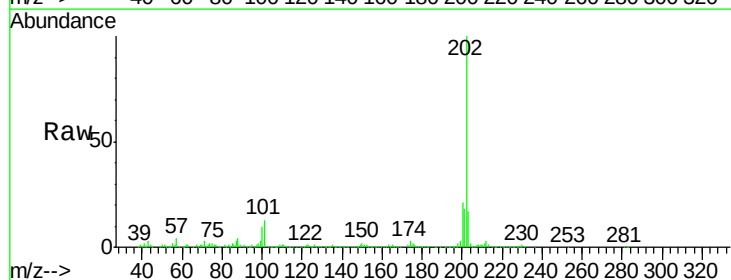
Tgt Ion:202 Resp: 348318

Ion Ratio Lower Upper

202 100

101 13.1 11.0 16.4

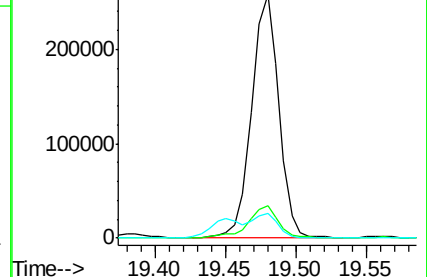
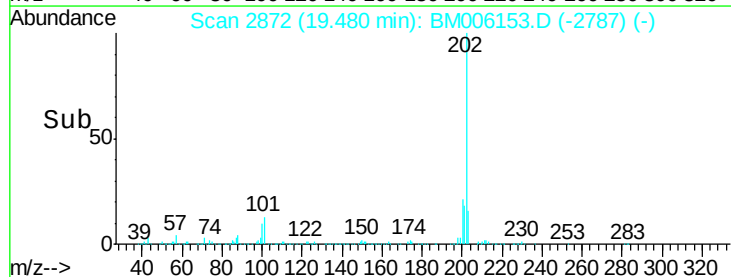
100 9.9 8.9 13.3

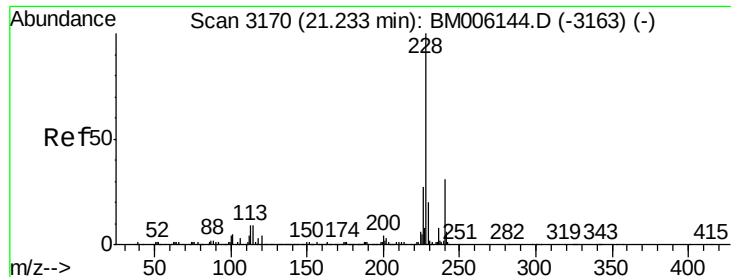


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#32

Benzo(a)anthracene

Concen: 3.75 ng/ul

RT: 21.23 min Scan# 3170

Delta R.T. 0.00 min

Lab File: BM006153.D

Acq: 30 Jun 2016 10:45

Instrument :

BNA_M

ClientSampleId :

D9YC2

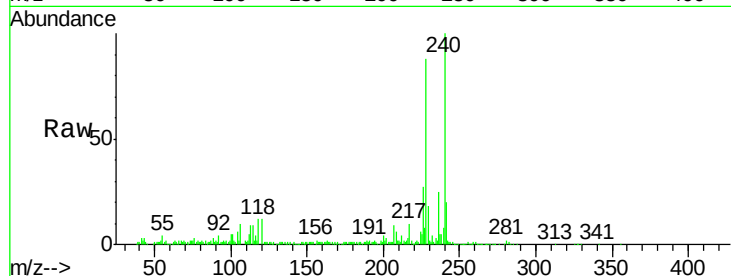
Tgt Ion:228 Resp: 225815

Ion Ratio Lower Upper

228 100

229 20.7 15.6 23.4

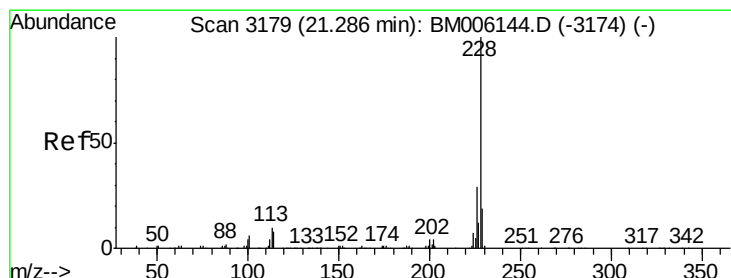
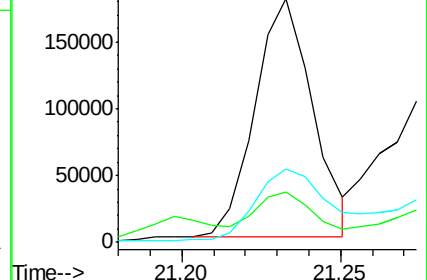
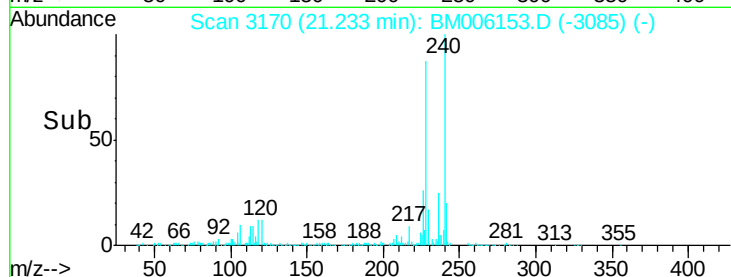
226 30.2 21.6 32.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#33

Chrysene

Concen: 4.87 ng/ul

RT: 21.29 min Scan# 3179

Delta R.T. 0.00 min

Lab File: BM006153.D

Acq: 30 Jun 2016 10:45

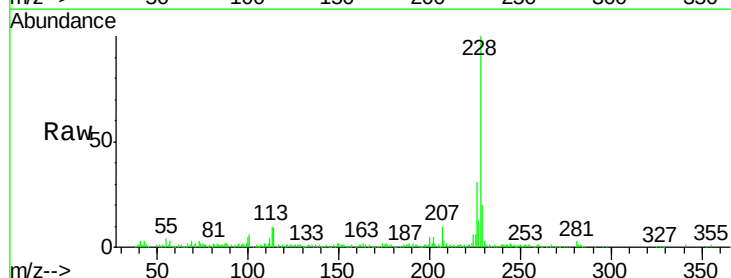
Tgt Ion:228 Resp: 270023

Ion Ratio Lower Upper

228 100

226 30.8 23.8 35.6

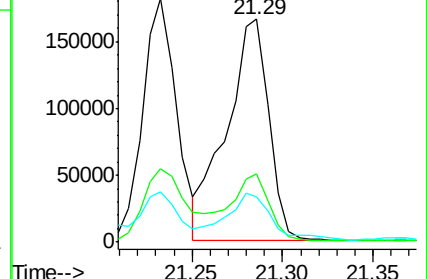
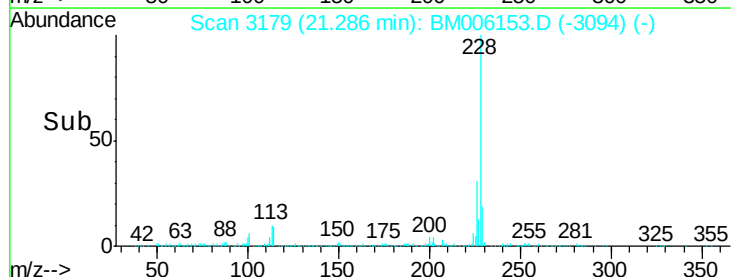
229 20.1 15.8 23.6

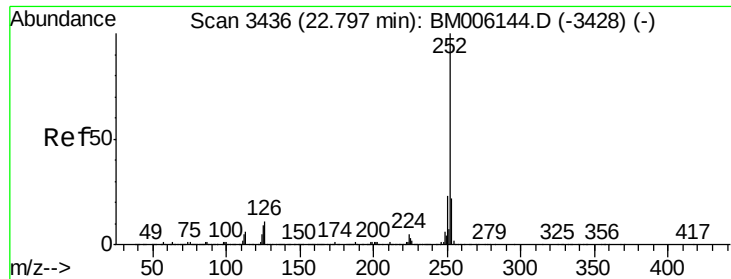


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#35

Benzo(b)fluoranthene

Concen: 8.89 ng/ul

RT: 22.80 min Scan# 3437

Delta R.T. 0.01 min

Lab File: BM006153.D

Acq: 30 Jun 2016 10:45

Instrument :

BNA_M

ClientSampleId :

D9YC2

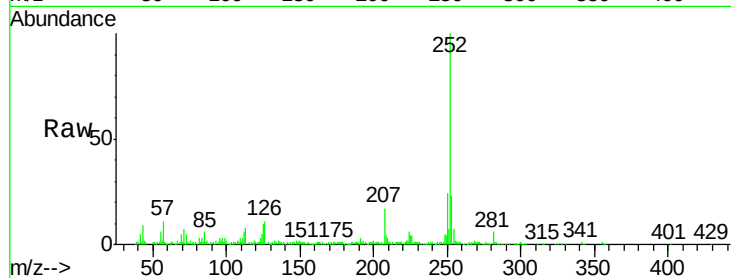
Tgt Ion:252 Resp: 448669

Ion Ratio Lower Upper

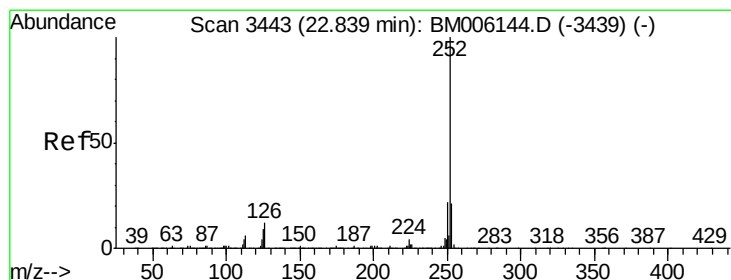
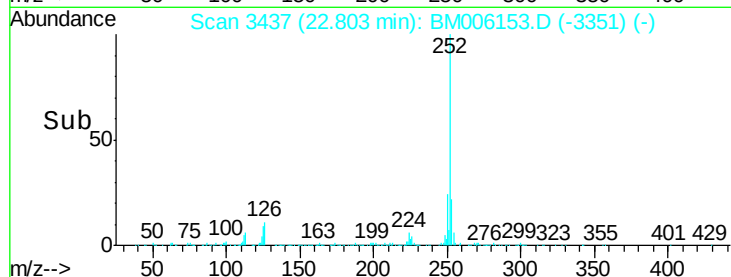
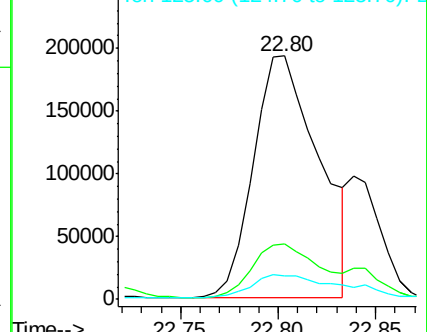
252 100

253 22.9 17.2 25.8

125 9.9 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: 9.48 ng/ul

RT: 22.80 min Scan# 3437

Delta R.T. -0.04 min

Lab File: BM006153.D

Acq: 30 Jun 2016 10:45

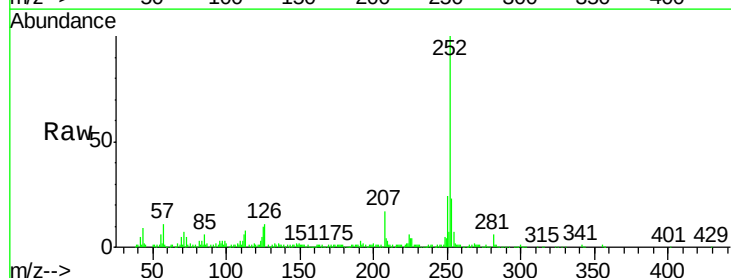
Tgt Ion:252 Resp: 448669

Ion Ratio Lower Upper

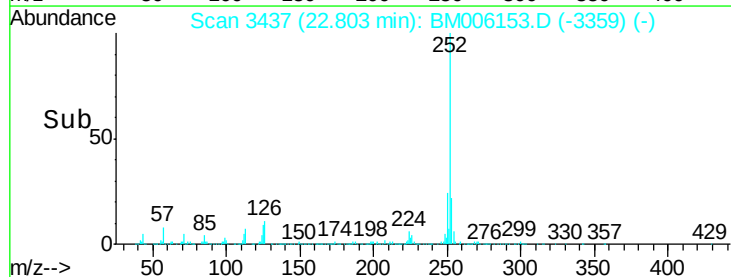
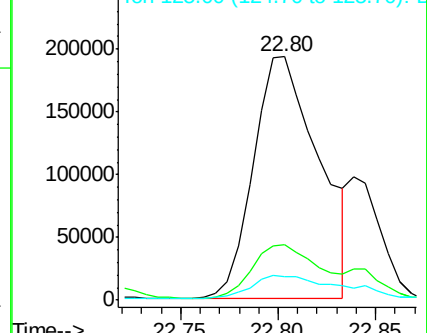
252 100

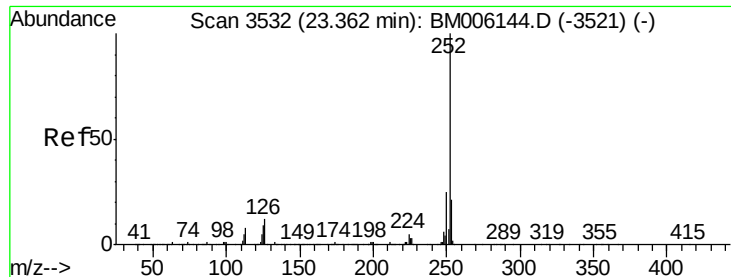
253 22.9 17.6 26.4

125 9.9 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: 5.20 ng/ul

RT: 23.37 min Scan# 3533

Delta R.T. 0.00 min

Lab File: BM006153.D

Acq: 30 Jun 2016 10:45

Instrument :

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ClientSampleId :

D9YC2

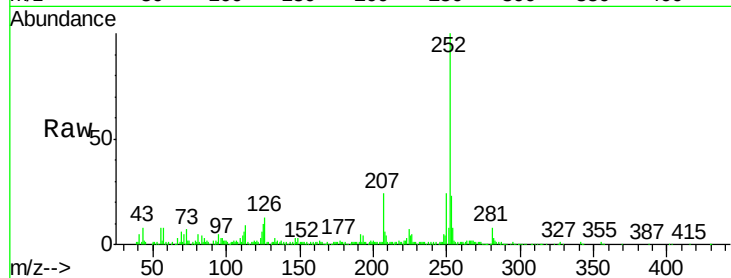
Tgt Ion:252 Resp: 247814

Ion Ratio Lower Upper

252 100

253 23.4 17.8 26.6

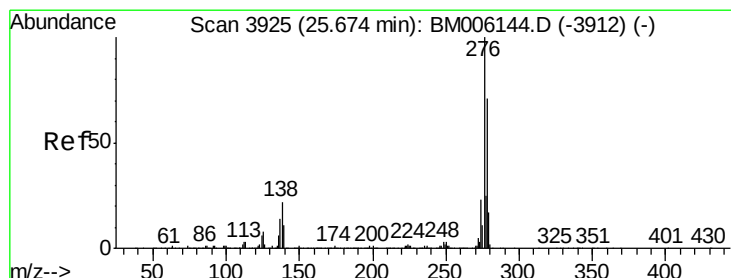
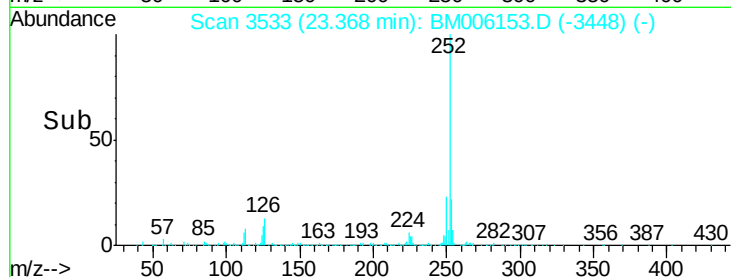
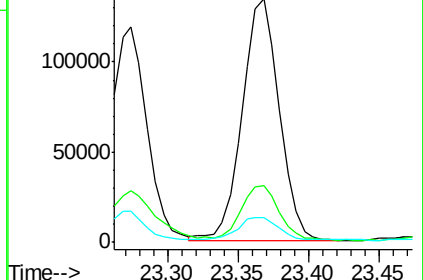
125 10.1 8.7 13.1



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



#39

Indeno(1,2,3-cd)pyrene

Concen: 3.84 ng/ul

RT: 25.67 min Scan# 3925

Delta R.T. -0.01 min

Lab File: BM006153.D

Acq: 30 Jun 2016 10:45

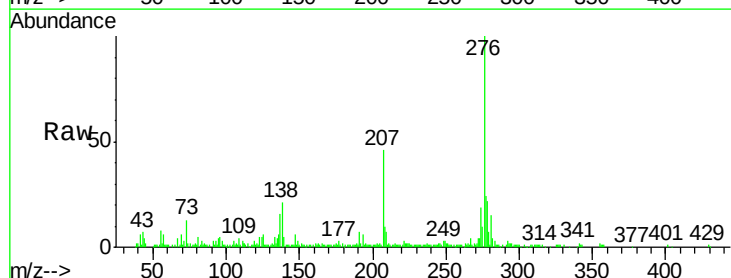
Tgt Ion:276 Resp: 190181

Ion Ratio Lower Upper

276 100

138 20.6 20.4 30.6

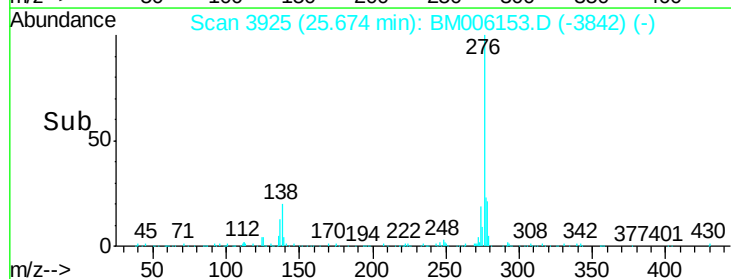
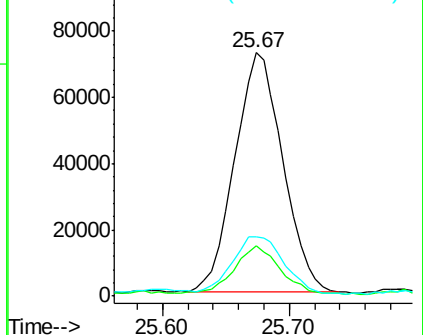
277 24.3 20.6 30.8

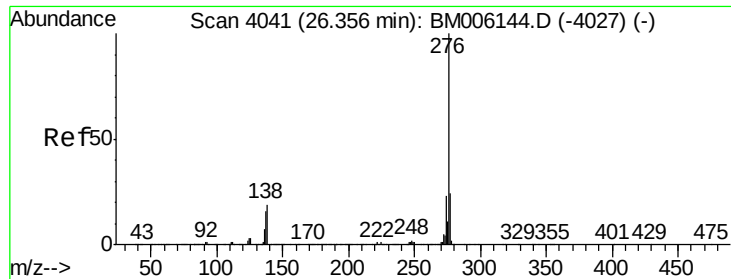


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#41

Benzo(g,h,i)perylene

Concen: 4.44 ng/ul

RT: 26.36 min Scan# 4041

Delta R.T. 0.00 min

Lab File: BM006153.D

Acq: 30 Jun 2016 10:45

Instrument :

BNA_M

ClientSampleId :

D9YC2

Tgt Ion: 276 Resp: 184197

Ion Ratio Lower Upper

276 100

138 17.6 16.6 25.0

277 22.9 18.9 28.3

