

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062616\
 Data File : BM006036.D
 Acq On : 26 Jun 2016 12:36
 Operator : UM/SJ
 Sample : H3669-14
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9Y67

Quant Time: Jun 27 05:15:49 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 27 05:15:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	203582	20.00	ng/ul	0.00
7) Naphthalene-d8	10.43	136	1022492	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.30	164	671443	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.05	188	1683971	20.00	ng/ul	0.00
29) Chrysene-d12	21.24	240	1959242	20.00	ng/ul	0.00
34) Perylene-d12	23.46	264	1972373	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.18	96	3530	0.77	ng/uL	0.00
3) Phenol-d5	6.83	99	216345	10.10	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.99	67	132905	11.15	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	160004	10.73	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	158137	8.75	ng/ul	0.00
8) Nitrobenzene-d5	8.80	128	84590	10.87	ng/ul	0.00
9) 2-Nitrophenol-d4	9.52	143	90392	10.44	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	189898	11.43	ng/ul	0.00
12) 4-Chloroaniline-d4	10.57	131	156706	8.69	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	657022	11.43	ng/ul	0.00
17) Acenaphthylene-d8	13.99	160	824138	12.36	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	102632	8.37	ng/ul	0.00
21) Fluorene-d10	15.30	176	618430	12.60	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.42	200	73041	7.81	ng/ul	0.00
26) Anthracene-d10	17.15	188	1002888	12.97	ng/ul	0.00
30) Pyrene-d10	19.44	212	1202073	14.01	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.32	264	1160774	13.04	ng/ul	0.00

Target Compounds

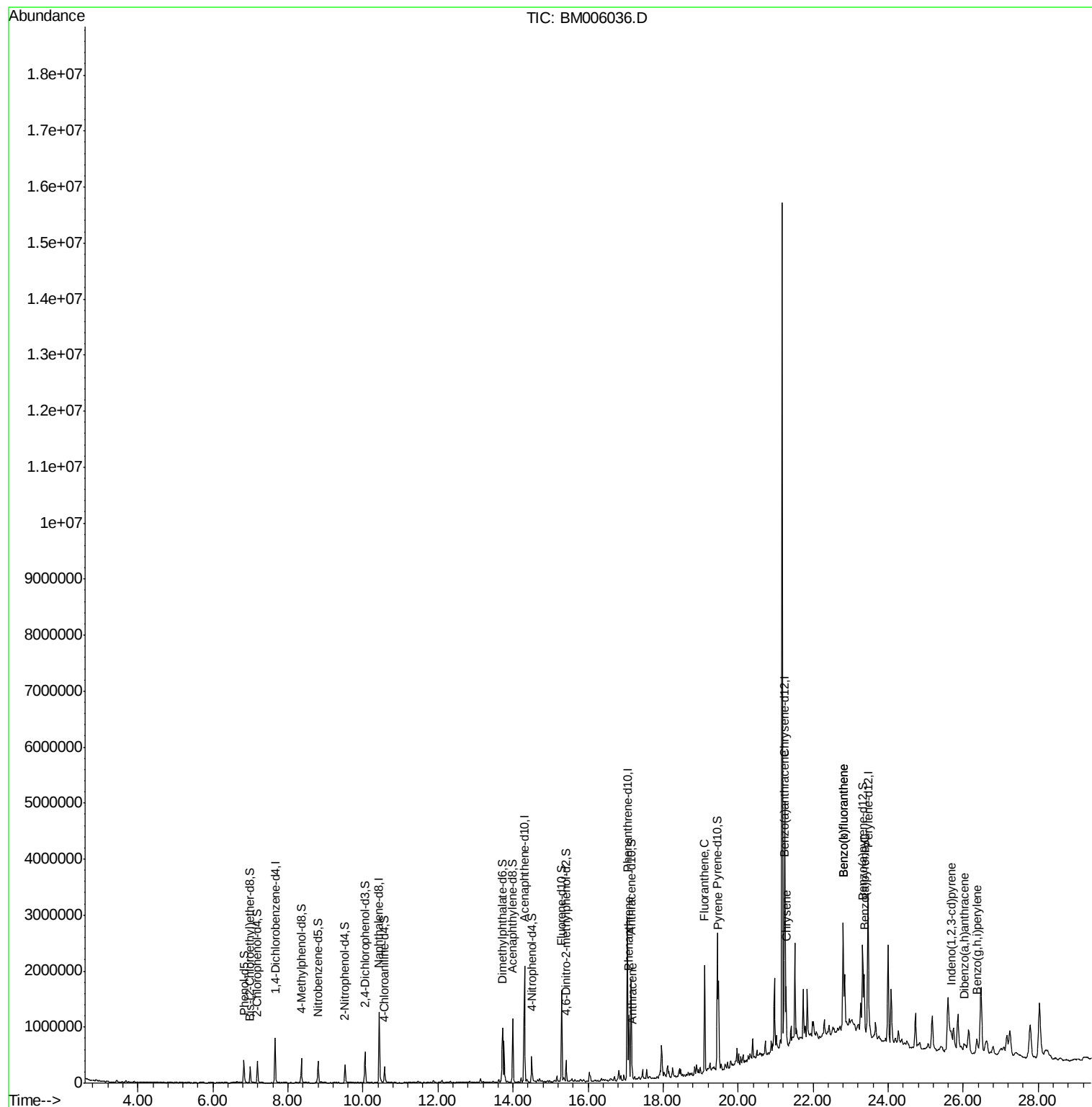
						Qvalue
25) Phenanthrene	17.09	178	682474	7.53	ng/ul	99
27) Anthracene	17.18	178	110404	1.18	ng/ul	100
28) Fluoranthene	19.11	202	1195984	10.31	ng/ul	98
31) Pyrene	19.47	202	954327	8.51	ng/ul	98
32) Benzo(a)anthracene	21.23	228	533955	4.59	ng/ul	98
33) Chrysene	21.28	228	587419	5.52	ng/ul	96
35) Benzo(b)fluoranthene	22.80	252	807704	7.05	ng/ul#	96
36) Benzo(k)fluoranthene	22.80	252	807704	7.58	ng/ul#	96
38) Benzo(a)pyrene	23.36	252	509074	4.63	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.68	276	370199	2.83	ng/ul	98
40) Dibenzo(a,h)anthracene	26.03	278	118930	1.09	ng/ul	94
41) Benzo(g,h,i)perylene	26.37	276	338567	2.99	ng/ul	99

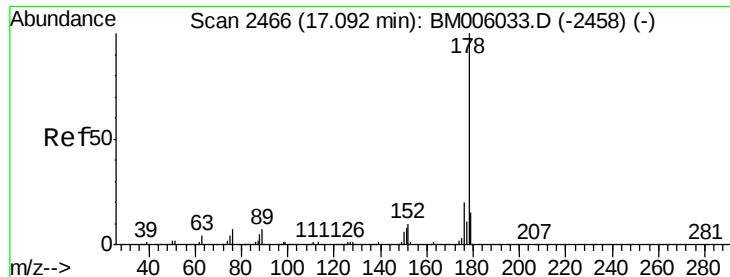
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062616\
Data File : BM006036.D
Acq On : 26 Jun 2016 12:36
Operator : UM/SJ
Sample : H3669-14
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9Y67

Quant Time: Jun 27 05:15:49 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062516.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 27 05:15:31 2016
Response via : Initial Calibration





#25

Phenanthrene

Concen: 7.53 ng/ul

RT: 17.09 min Scan# 2466

Delta R.T. -0.00 min

Lab File: BM006036.D

Acq: 26 Jun 2016 12:36

Instrument :

BNA_M

ClientSampleId :

D9Y67

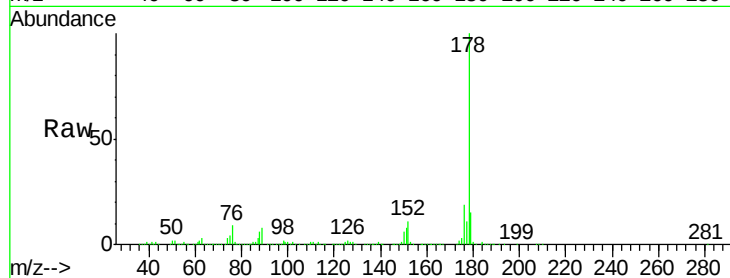
Tgt Ion:178 Resp: 682474

Ion Ratio Lower Upper

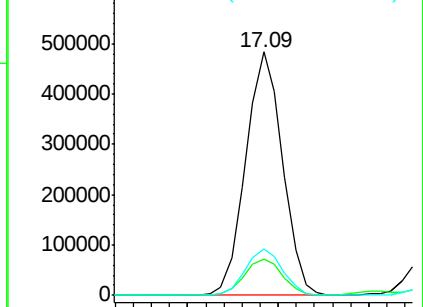
178 100

179 14.7 12.1 18.1

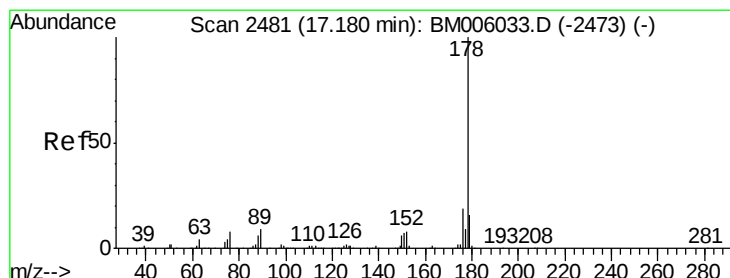
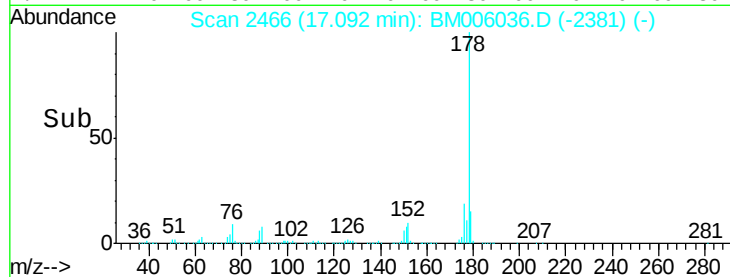
176 18.9 15.4 23.0



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-->



#27

Anthracene

Concen: 1.18 ng/ul

RT: 17.18 min Scan# 2481

Delta R.T. -0.00 min

Lab File: BM006036.D

Acq: 26 Jun 2016 12:36

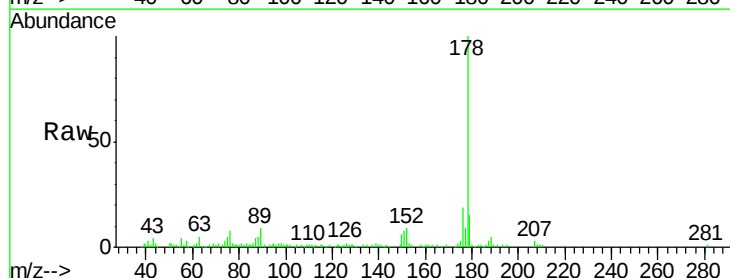
Tgt Ion:178 Resp: 110404

Ion Ratio Lower Upper

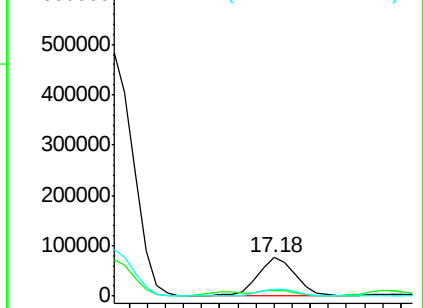
178 100

179 15.2 12.2 18.4

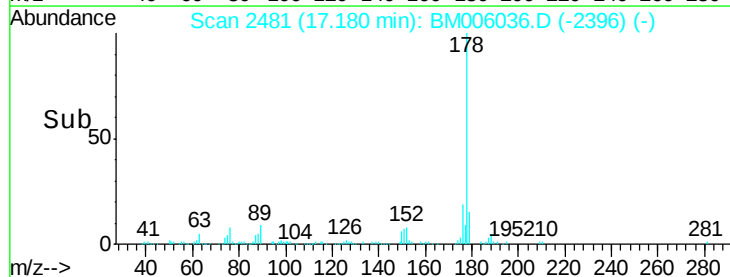
176 18.7 14.9 22.3

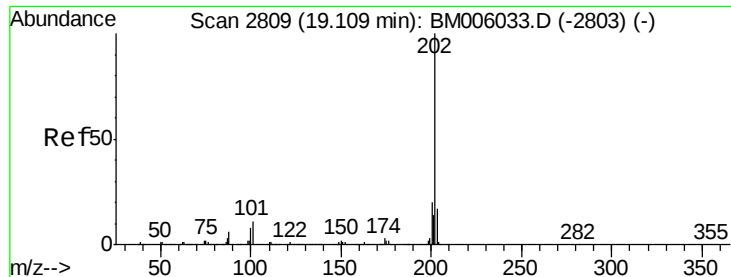


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



Time-->





#28

Fluoranthene

Concen: 10.31 ng/ul

RT: 19.11 min Scan# 2809

Delta R.T. -0.00 min

Lab File: BM006036.D

Acq: 26 Jun 2016 12:36

Instrument :

BNA_M

ClientSampleId :

D9Y67

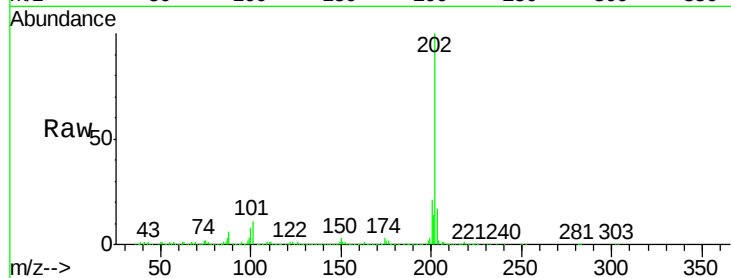
Tgt Ion:202 Resp: 1195984

Ion Ratio Lower Upper

202 100

101 11.2 8.2 12.4

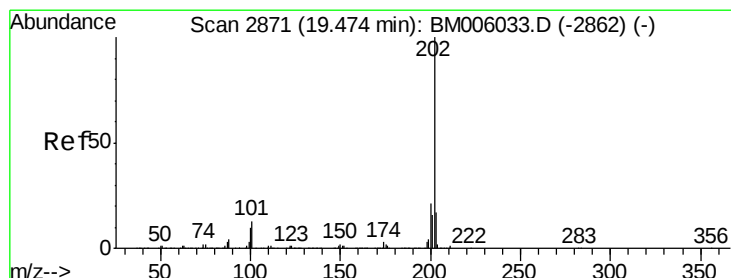
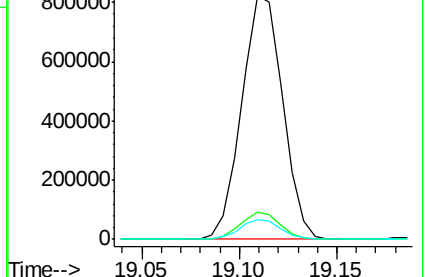
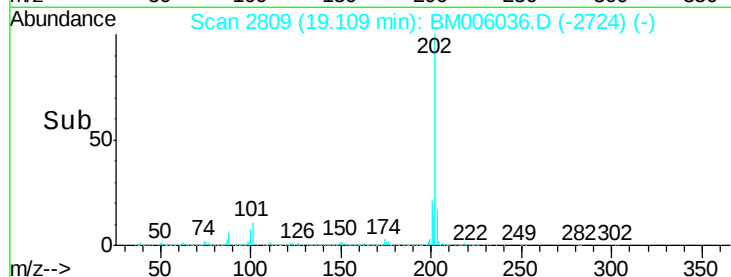
100 8.2 6.3 9.5



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: 8.51 ng/ul

RT: 19.47 min Scan# 2871

Delta R.T. -0.00 min

Lab File: BM006036.D

Acq: 26 Jun 2016 12:36

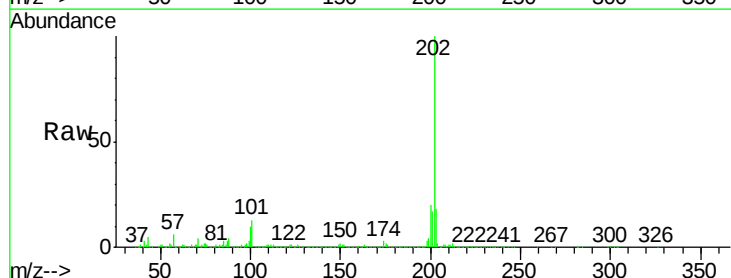
Tgt Ion:202 Resp: 954327

Ion Ratio Lower Upper

202 100

101 13.1 9.8 14.6

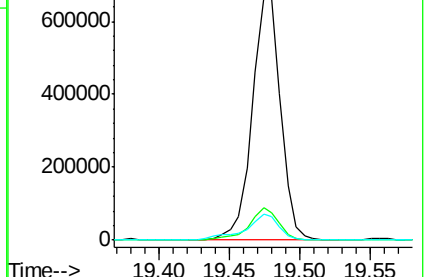
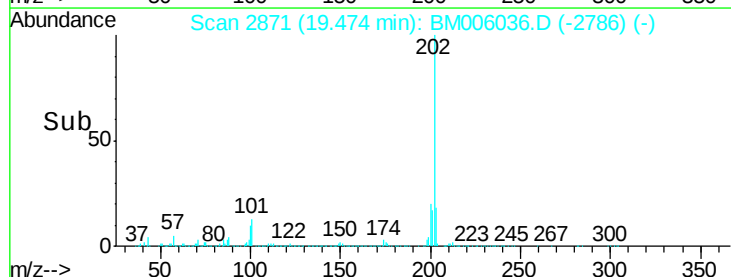
100 10.4 8.2 12.2

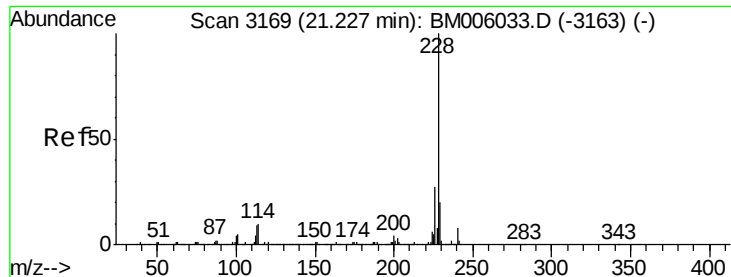


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#32

Benzo(a)anthracene

Concen: 4.59 ng/ul

RT: 21.23 min Scan# 3169

Delta R.T. -0.00 min

Lab File: BM006036.D

Acq: 26 Jun 2016 12:36

Instrument :

BNA_M

ClientSampled :

D9Y67

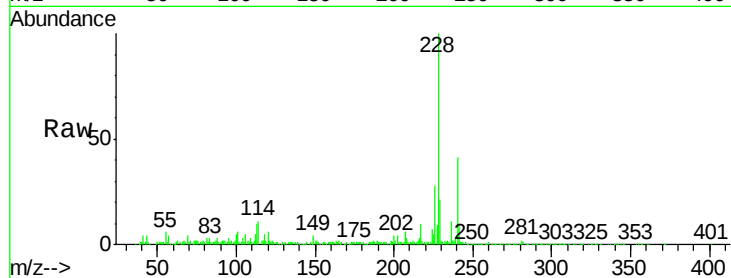
Tgt Ion:228 Resp: 533955

Ion Ratio Lower Upper

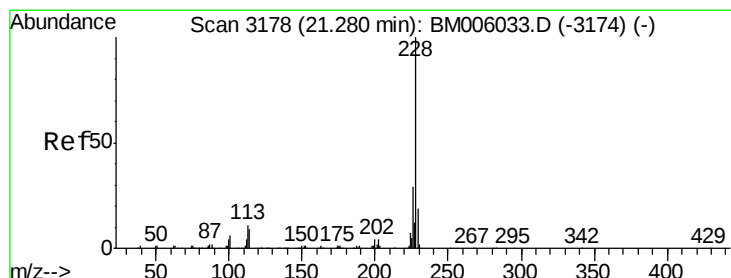
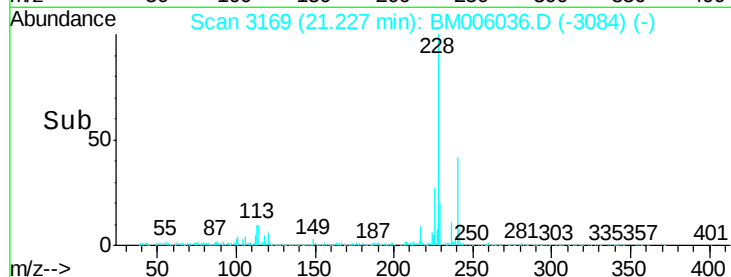
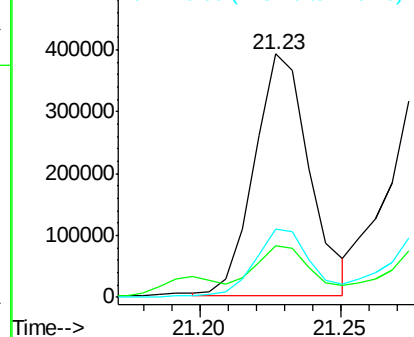
228 100

229 21.3 15.8 23.6

226 27.8 21.5 32.3



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: 5.52 ng/ul

RT: 21.28 min Scan# 3178

Delta R.T. -0.00 min

Lab File: BM006036.D

Acq: 26 Jun 2016 12:36

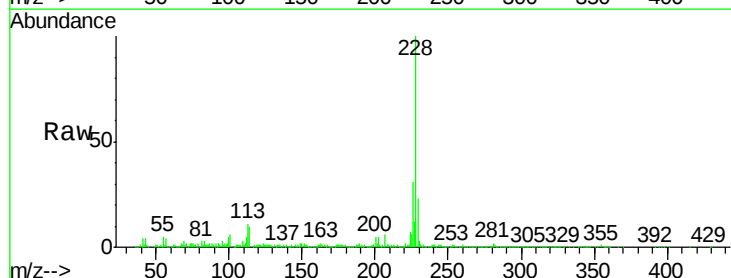
Tgt Ion:228 Resp: 587419

Ion Ratio Lower Upper

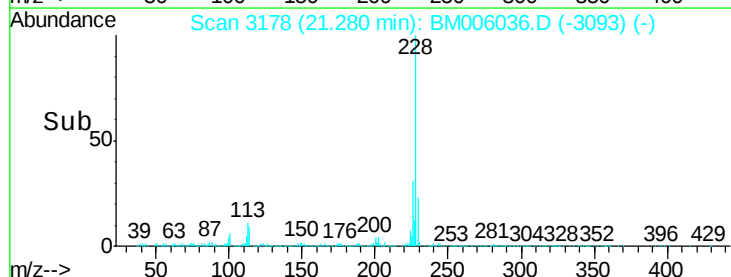
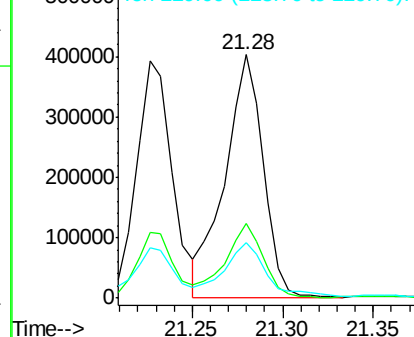
228 100

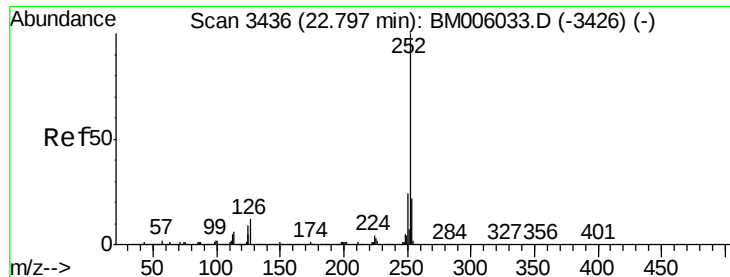
226 30.9 24.3 36.5

229 22.9 15.4 23.2



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: 7.05 ng/ul

RT: 22.80 min Scan# 3436

Delta R.T. -0.00 min

Lab File: BM006036.D

Acq: 26 Jun 2016 12:36

Instrument :

BNA_M

ClientSampleId :

D9Y67

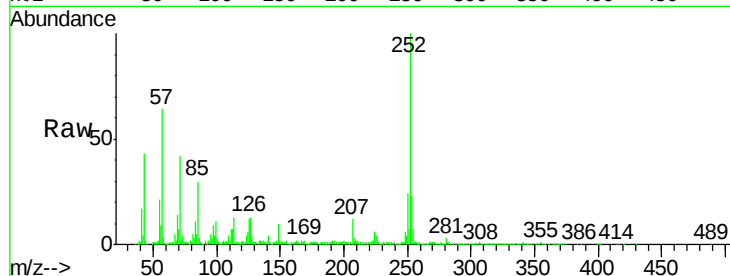
Tgt Ion:252 Resp: 807704

Ion Ratio Lower Upper

252 100

253 22.6 17.2 25.8

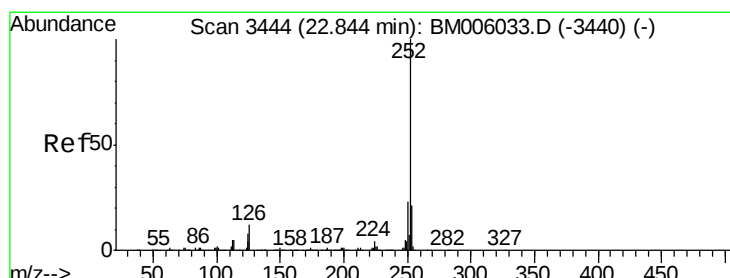
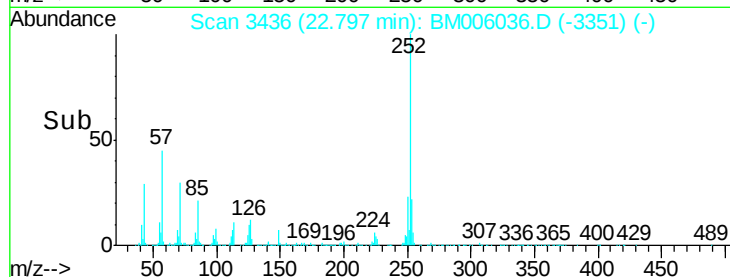
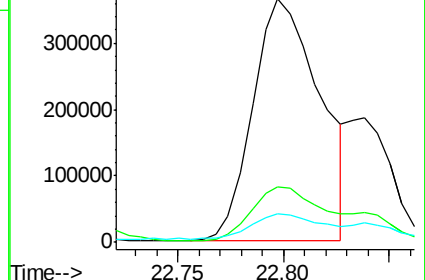
125 11.5 6.8 10.2#



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: 7.58 ng/ul

RT: 22.80 min Scan# 3436

Delta R.T. -0.05 min

Lab File: BM006036.D

Acq: 26 Jun 2016 12:36

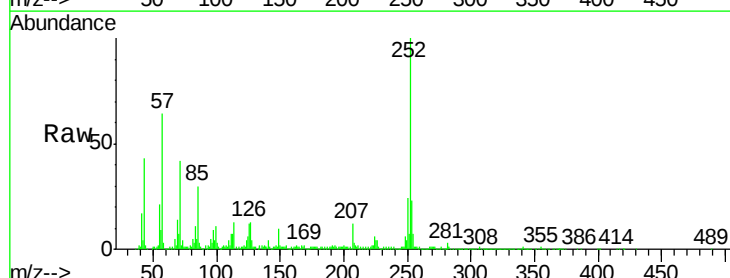
Tgt Ion:252 Resp: 807704

Ion Ratio Lower Upper

252 100

253 22.6 17.3 25.9

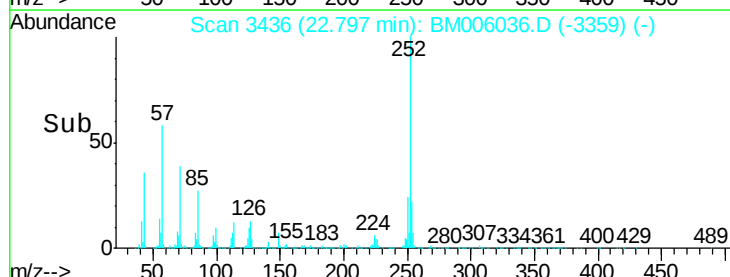
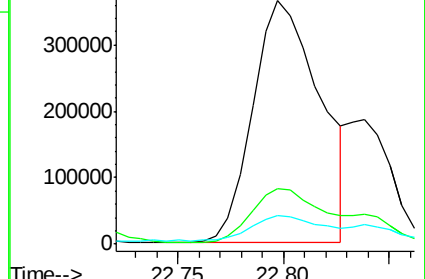
125 11.5 7.0 10.4#

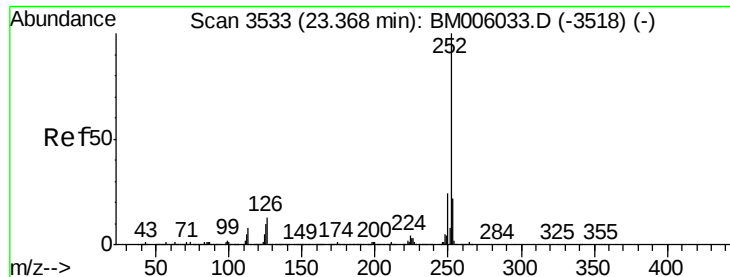


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Benzo(a)pyrene

Concen: 4.63 ng/ul

RT: 23.36 min Scan# 3532

Delta R.T. -0.01 min

Lab File: BM006036.D

Acq: 26 Jun 2016 12:36

Instrument :

BNA_M

ClientSampleId :

D9Y67

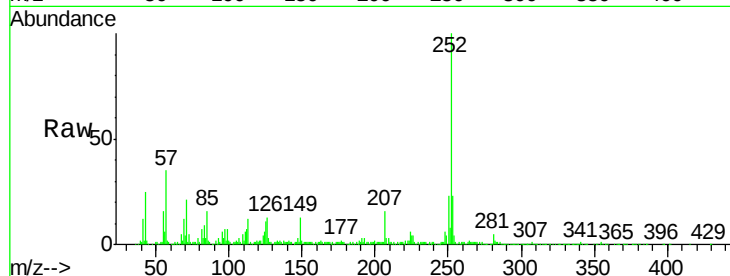
Tgt Ion:252 Resp: 509074

Ion Ratio Lower Upper

252 100

253 23.1 17.6 26.4

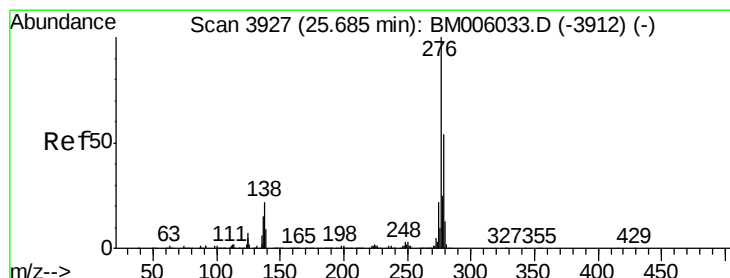
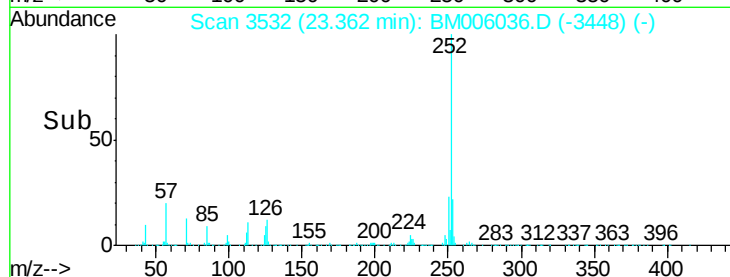
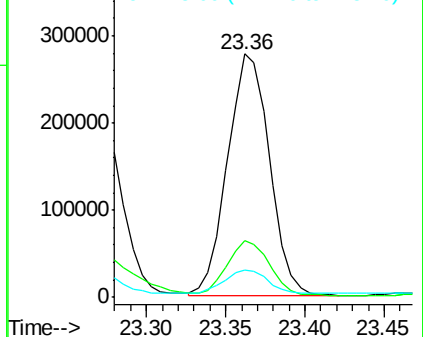
125 11.1 7.8 11.6



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



#39

Indeno(1,2,3-cd)pyrene

Concen: 2.83 ng/ul

RT: 25.68 min Scan# 3926

Delta R.T. -0.01 min

Lab File: BM006036.D

Acq: 26 Jun 2016 12:36

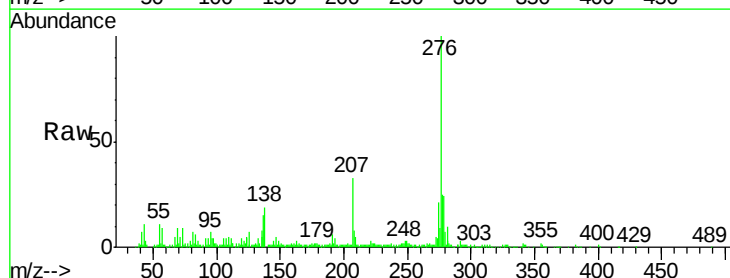
Tgt Ion:276 Resp: 370199

Ion Ratio Lower Upper

276 100

138 19.1 16.6 25.0

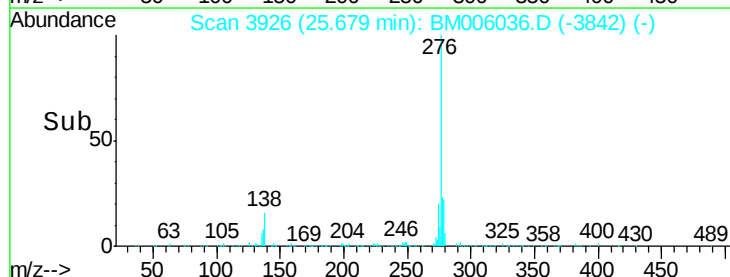
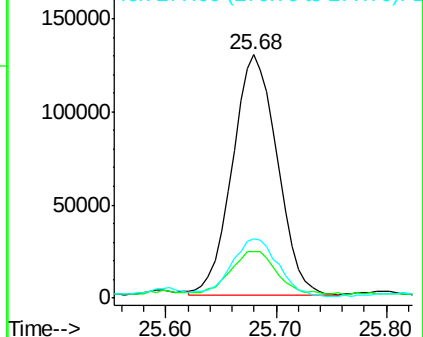
277 24.6 19.6 29.4

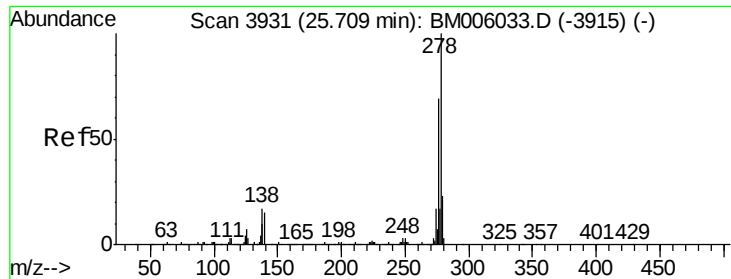


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#40

Dibenzo(a,h)anthracene

Concen: 1.09 ng/ul

RT: 26.03 min Scan# 3986

Delta R.T. 0.32 min

Lab File: BM006036.D

Acq: 26 Jun 2016 12:36

Instrument :

BNA_M

ClientSampleId :

D9Y67

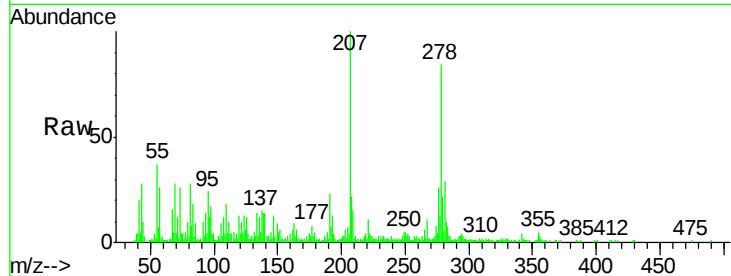
Tgt Ion:278 Resp: 118930

Ion Ratio Lower Upper

278 100

139 16.5 11.4 17.2

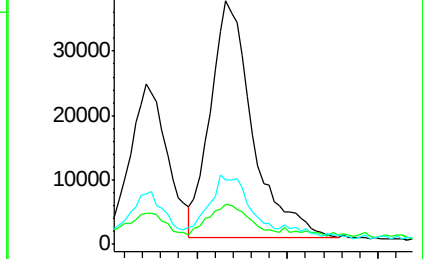
279 26.5 18.8 28.2



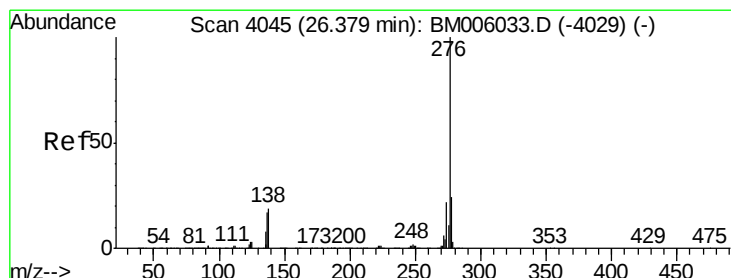
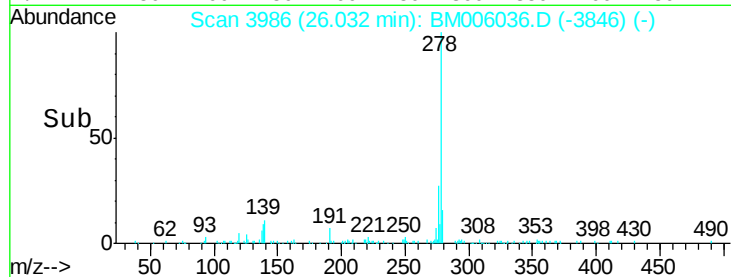
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#41

Benzo(g,h,i)perylene

Concen: 2.99 ng/ul

RT: 26.37 min Scan# 4043

Delta R.T. -0.01 min

Lab File: BM006036.D

Acq: 26 Jun 2016 12:36

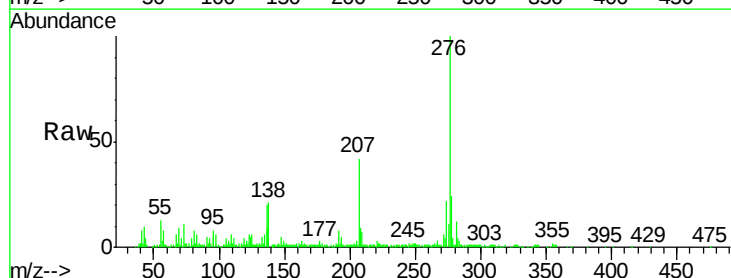
Tgt Ion:276 Resp: 338567

Ion Ratio Lower Upper

276 100

138 20.9 15.9 23.9

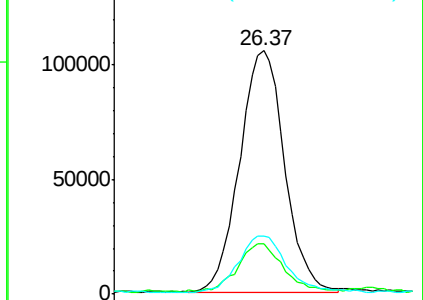
277 23.9 19.2 28.8



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



Time-->

