

Data File : BM010669.D
Acq On : 22 Jun 2017 20:45
Operator : SJ/JU
Sample : I3625-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5B06

Quant Time: Jun 23 05:08:21 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 23 05:06:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	68957	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	311183	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.12	164	220166	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	527992	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	585588	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	468862	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	4337	3.60	ng/uL	0.00
5) Phenol-d5	6.65	99	92656	14.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	54713	14.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	72257	15.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	81284	14.92	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	36845	16.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	44986	17.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	92329	17.15	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	98426	17.35	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	335948	17.38	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	371775	16.54	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	43796	12.88	ng/ul	0.00
57) Fluorene-d10	15.12	176	280908	16.81	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	50497	15.57	ng/ul	0.00
70) Anthracene-d10	16.97	188	435967	17.10	ng/ul	0.00
76) Pyrene-d10	19.27	212	512178	18.83	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	390957	17.25	ng/ul	0.00

Target Compounds

						Qvalue
44) Dimethylphthalate	13.58	163	120578	6.36	ng/ul	99
74) Fluoranthene	18.94	202	70365	1.95	ng/ul#	97
77) Pyrene	19.30	202	102891	3.04	ng/ul#	94
80) Benzo(a)anthracene	21.12	228	82006	2.40	ng/ul	96
82) Chrysene	21.12	228	82006	2.70	ng/ul	95
85) Benzo(b)fluoranthene	22.59	252	151966	4.99	ng/ul#	96
86) Benzo(k)fluoranthene	22.59	252	151966	5.27	ng/ul#	94
88) Benzo(a)pyrene	23.13	252	62469	2.23	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.32	276	41075	1.41	ng/ul#	94
91) Benzo(g,h,i)perylene	25.97	276	27995	1.21	ng/ul#	94

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

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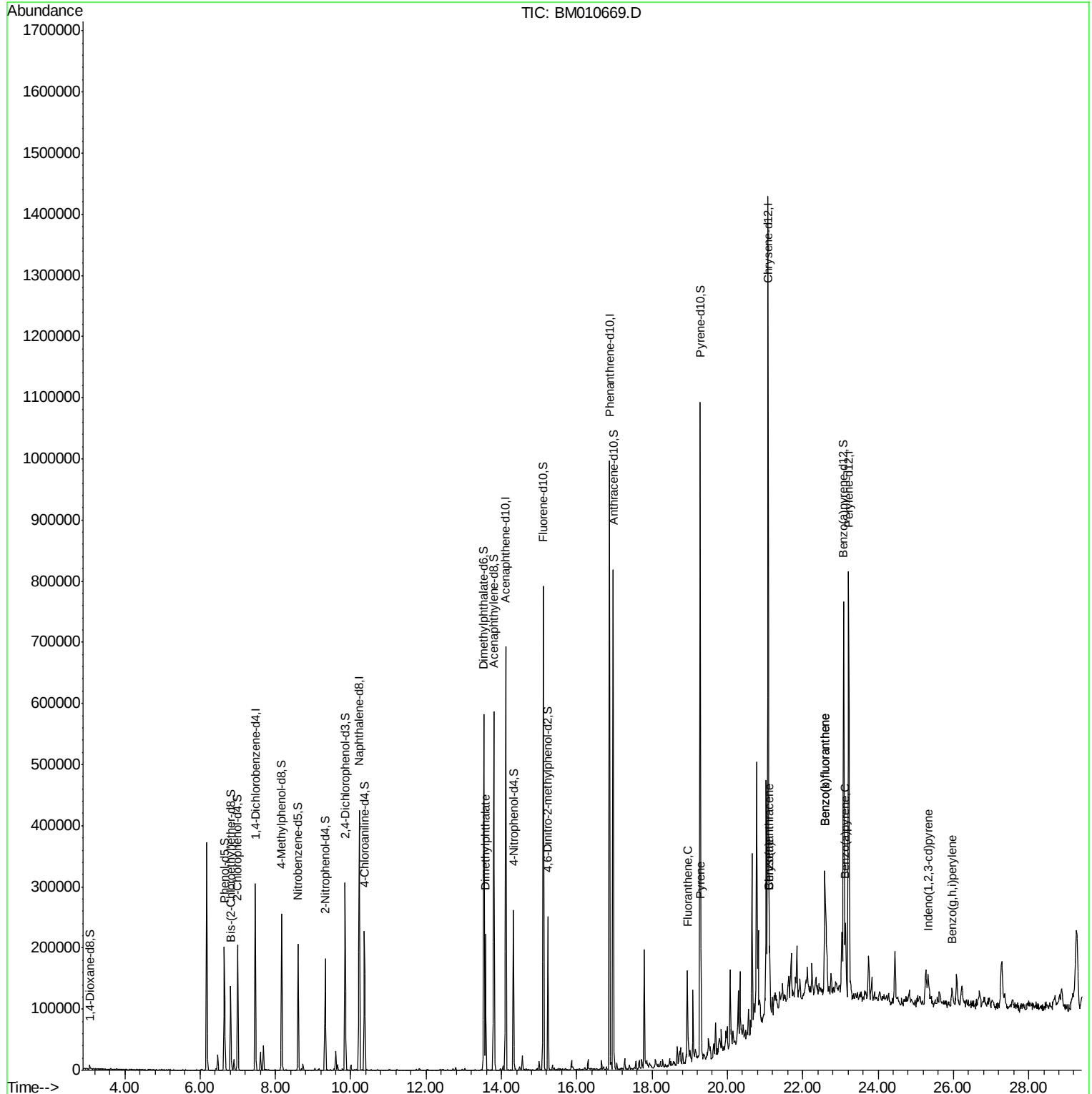
Quant Time: Jun 23 05:08:21 2017

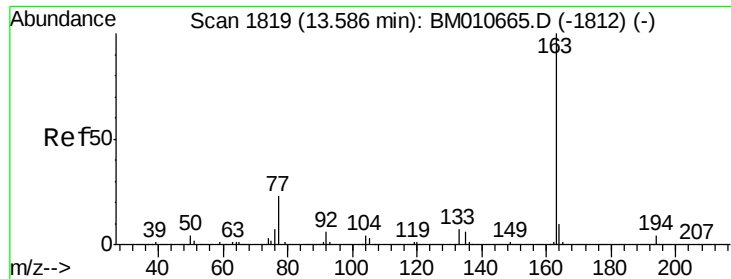
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Jun 23 05:06:10 2017

Response via : Initial Calibration

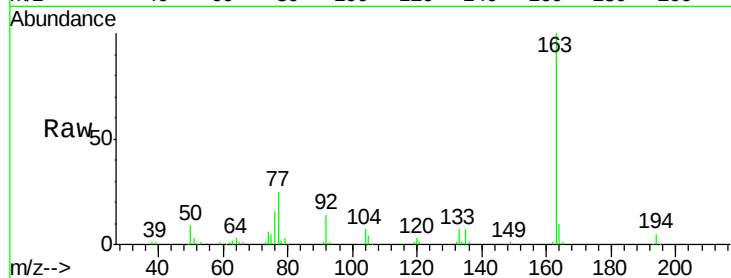




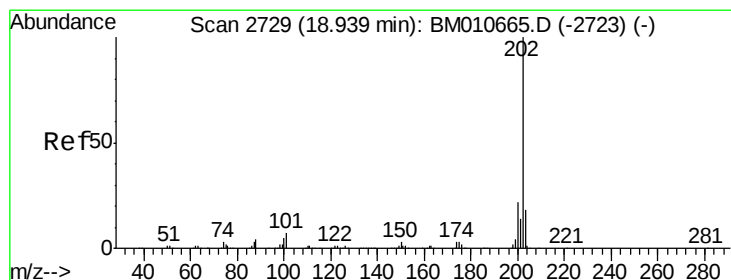
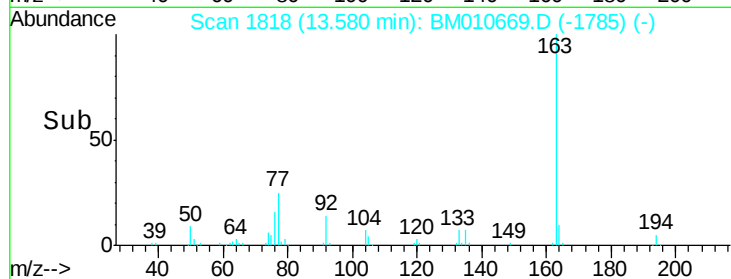
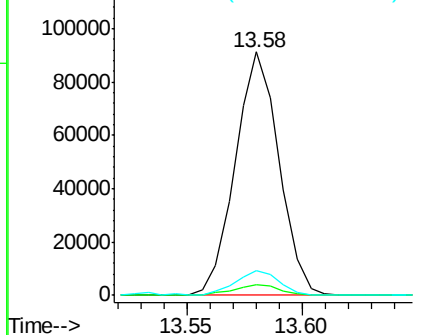
#44
Dimethylphthalate
Concen: 6.36 ng/ul
RT: 13.58 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BM010669.D
Acq: 22 Jun 2017 20:45

Instrument :
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Tgt Ion	Resp	Lower	Upper
163	120578		
194	4.5	3.5	5.3
164	10.0	8.2	12.4

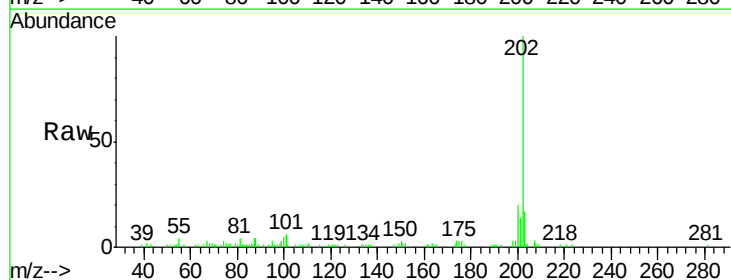


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

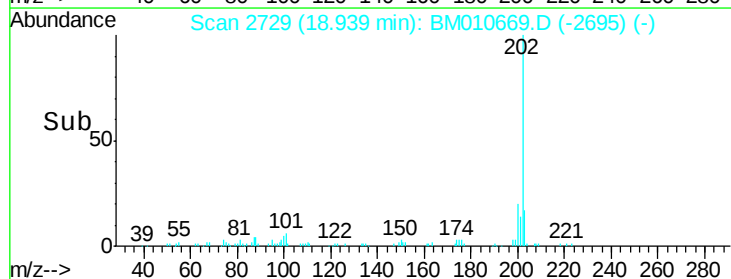
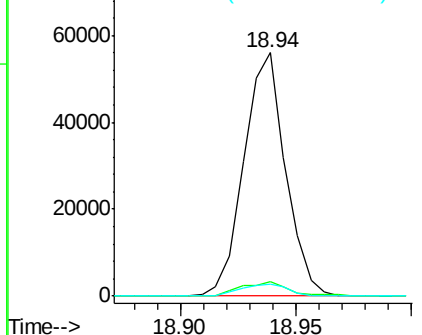


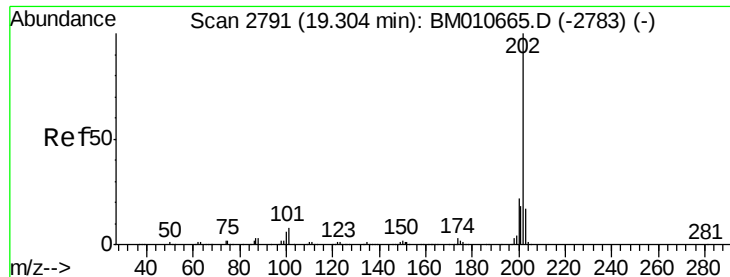
#74
Fluoranthene
Concen: 1.95 ng/ul
RT: 18.94 min Scan# 2729
Delta R.T. -0.00 min
Lab File: BM010669.D
Acq: 22 Jun 2017 20:45

Tgt Ion	Resp	Lower	Upper
202	70365		
101	7.0	4.6	7.0#
100	4.9	3.4	5.2



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





#77

Pyrene

Concen: 3.04 ng/ul

RT: 19.30 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BM010669.D

Acq: 22 Jun 2017 20:45

Instrument :

BNA_M

ClientSampleId :

F5B06

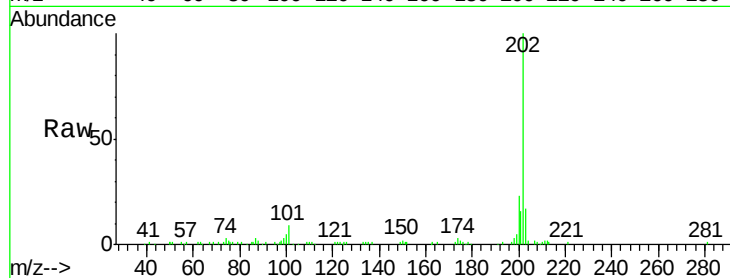
Tgt Ion:202 Resp: 102891

Ion Ratio Lower Upper

202 100

101 9.1 5.1 7.7#

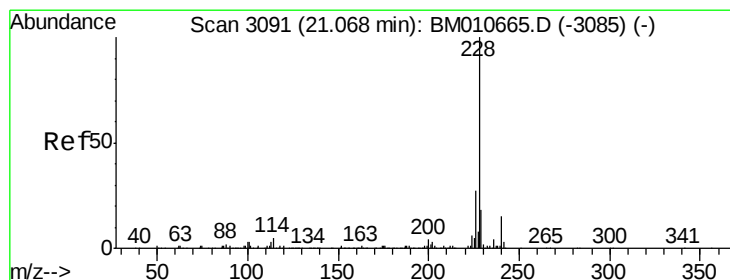
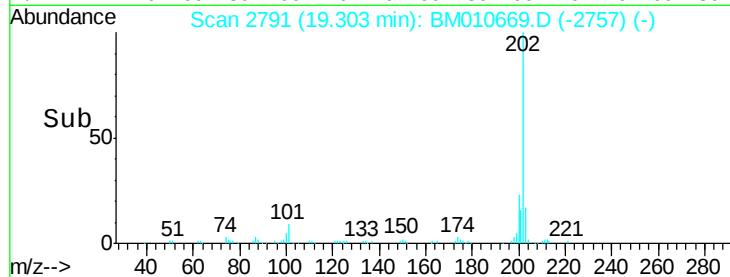
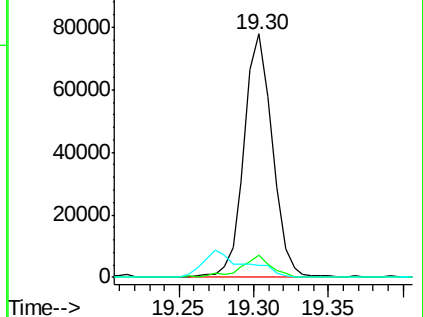
100 4.9 4.9 7.3#



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



#80

Benzo(a)anthracene

Concen: 2.40 ng/ul

RT: 21.12 min Scan# 3099

Delta R.T. 0.05 min

Lab File: BM010669.D

Acq: 22 Jun 2017 20:45

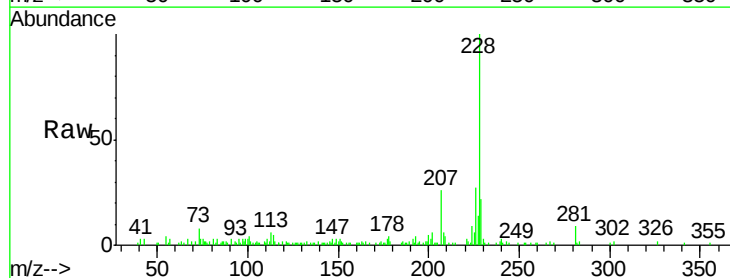
Tgt Ion:228 Resp: 82006

Ion Ratio Lower Upper

228 100

229 22.4 15.4 23.0

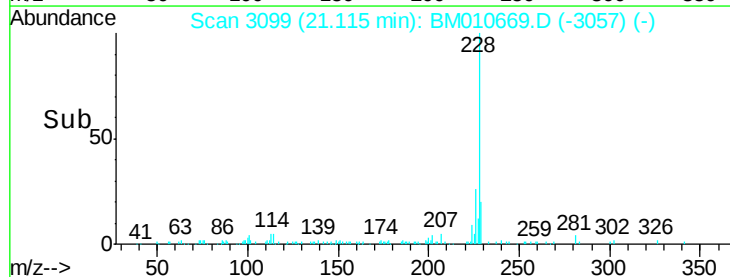
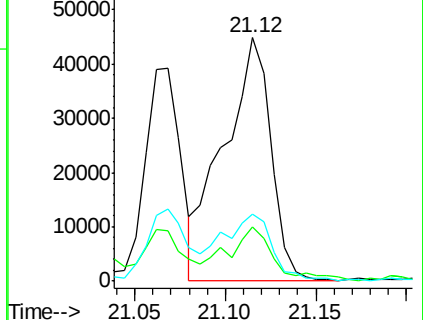
226 27.3 21.4 32.0

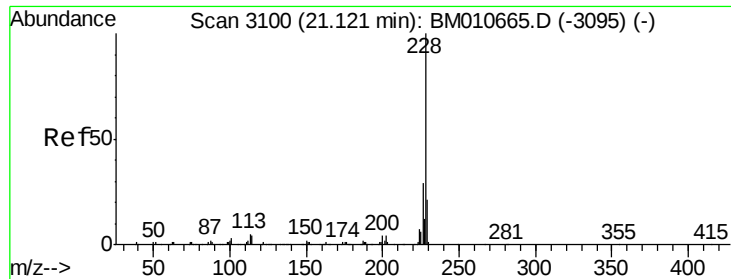


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 2.70 ng/ul

RT: 21.12 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM010669.D

Acq: 22 Jun 2017 20:45

Instrument :

BNA_M

ClientSampleId :

F5B06

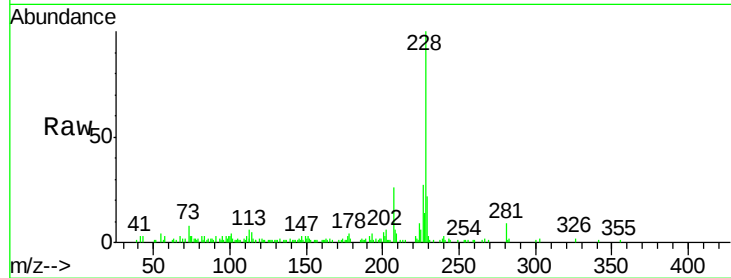
Tgt Ion:228 Resp: 82006

Ion Ratio Lower Upper

228 100

226 27.3 23.4 35.2

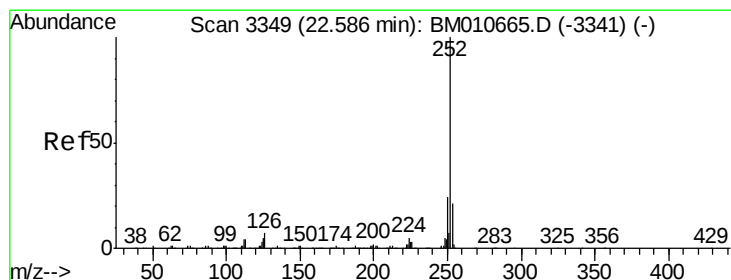
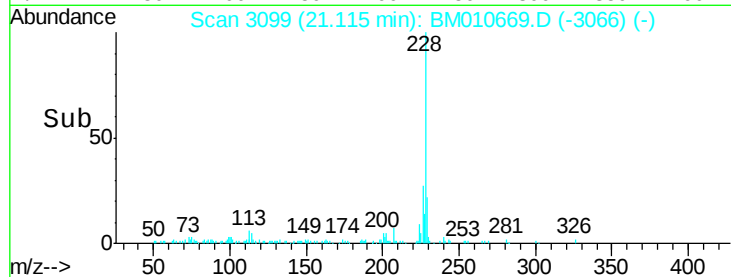
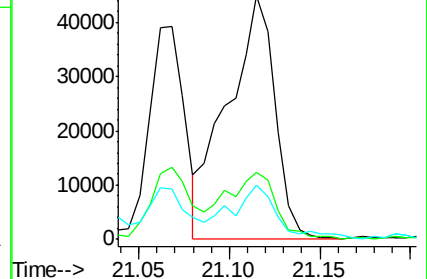
229 22.4 15.5 23.3



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



#85

Benzo(b)fluoranthene

Concen: 4.99 ng/ul

RT: 22.59 min Scan# 3349

Delta R.T. -0.00 min

Lab File: BM010669.D

Acq: 22 Jun 2017 20:45

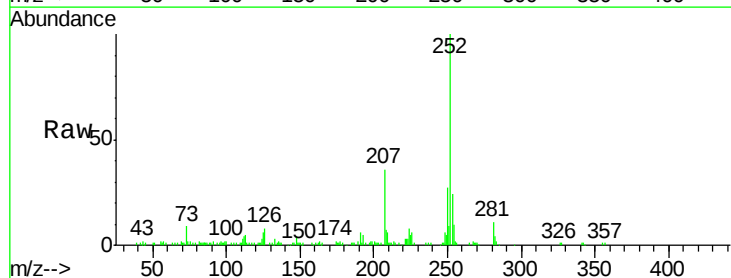
Tgt Ion:252 Resp: 151966

Ion Ratio Lower Upper

252 100

253 24.2 17.9 26.9

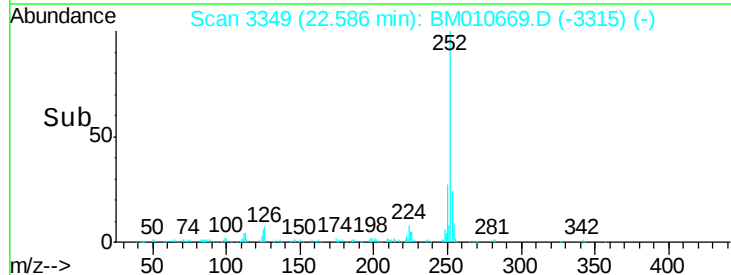
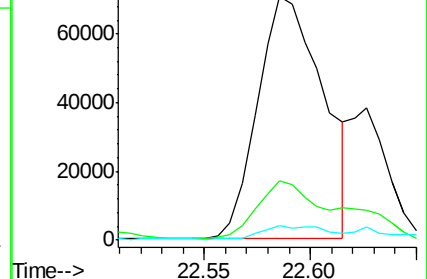
125 6.1 3.6 5.4#

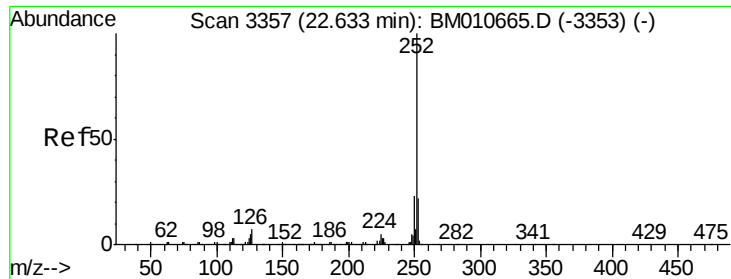


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 5.27 ng/ul

RT: 22.59 min Scan# 3349

Delta R.T. -0.05 min

Lab File: BM010669.D

Acq: 22 Jun 2017 20:45

Instrument :

BNA_M

ClientSampleId :

F5B06

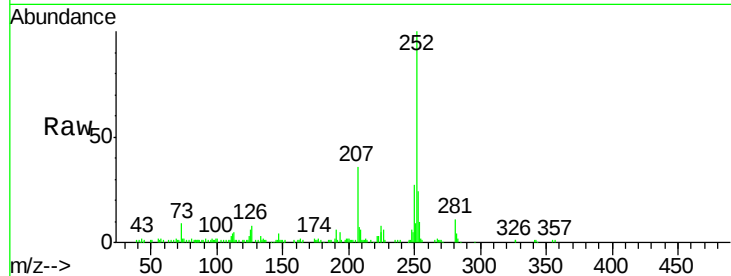
Tgt Ion:252 Resp: 151966

Ion Ratio Lower Upper

252 100

253 24.2 17.1 25.7

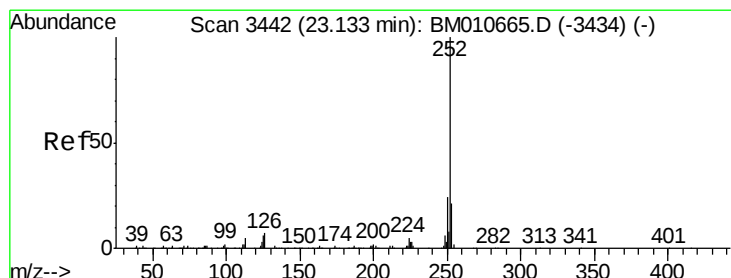
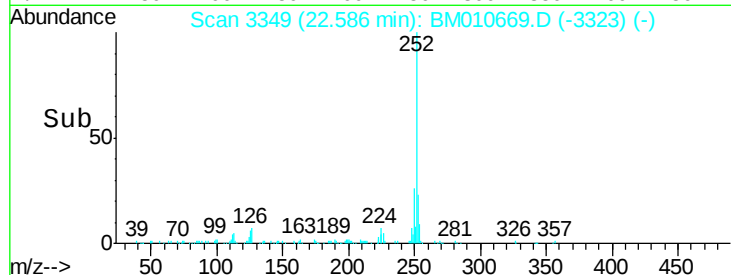
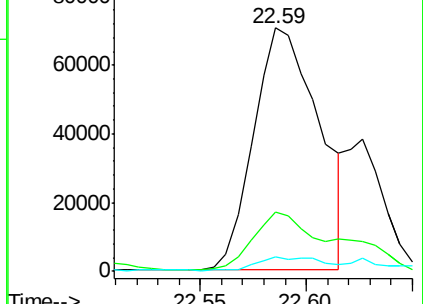
125 6.1 3.4 5.2#



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



#88

Benzo(a)pyrene

Concen: 2.23 ng/ul

RT: 23.13 min Scan# 3442

Delta R.T. -0.00 min

Lab File: BM010669.D

Acq: 22 Jun 2017 20:45

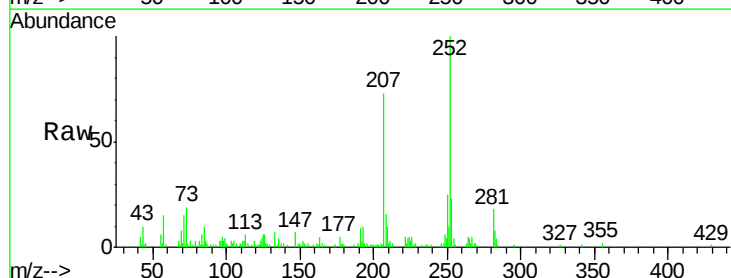
Tgt Ion:252 Resp: 62469

Ion Ratio Lower Upper

252 100

253 23.0 18.2 27.2

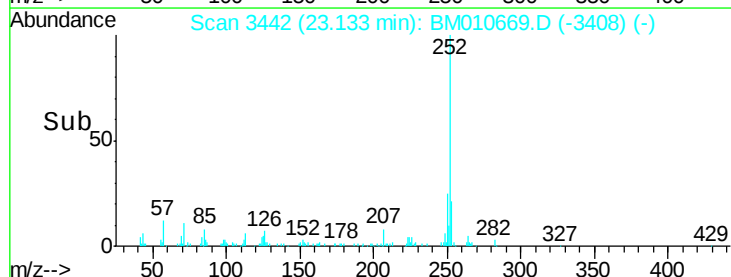
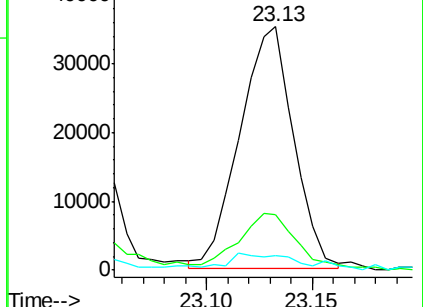
125 5.7 4.0 6.0

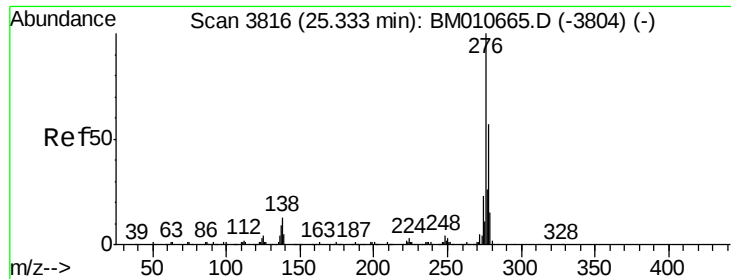


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

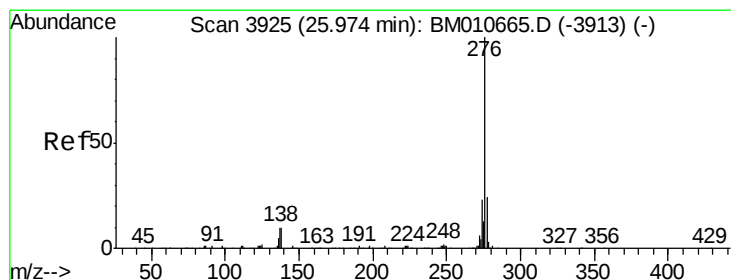
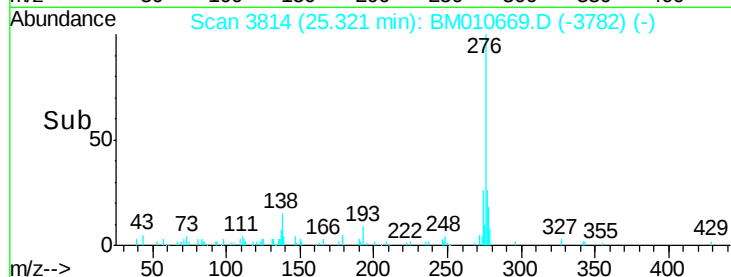
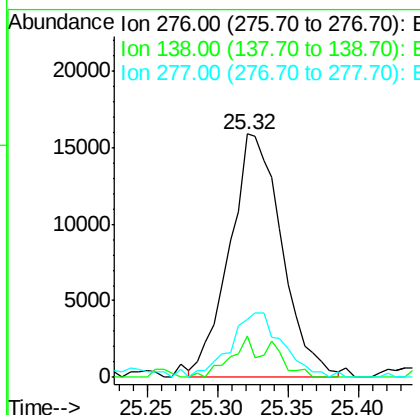
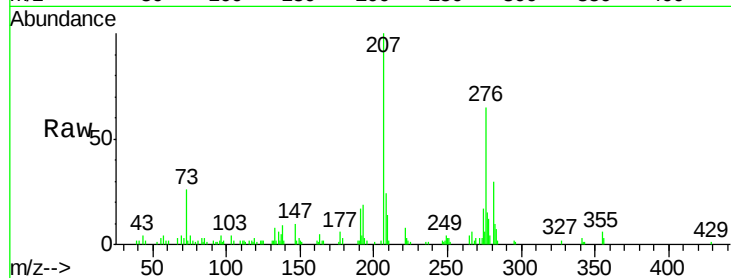




#89
 Indeno(1,2,3-cd)pyrene
 Concen: 1.41 ng/ul
 RT: 25.32 min Scan# 3814
 Delta R.T. -0.01 min
 Lab File: BM010669.D
 Acq: 22 Jun 2017 20:45

Instrument :
 BNA_M
 ClientSampleId :
 F5B06

Tgt Ion:276 Resp: 41075
 Ion Ratio Lower Upper
 276 100
 138 17.0 9.3 13.9#
 277 23.7 19.9 29.9



#91
 Benzo(g,h,i)perylene
 Concen: 1.21 ng/ul
 RT: 25.97 min Scan# 3925
 Delta R.T. -0.00 min
 Lab File: BM010669.D
 Acq: 22 Jun 2017 20:45

Tgt Ion:276 Resp: 27995
 Ion Ratio Lower Upper
 276 100
 138 18.1 8.5 12.7#
 277 23.3 18.6 28.0

