

Data File : BM010664.D
Acq On : 22 Jun 2017 17:46
Operator : SJ/JU
Sample : I3627-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5A03

Quant Time: Jun 23 01:06:05 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 23 01:03:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	52005	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	230761	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.12	164	162553	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	415325	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	487617	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	405617	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	4507	4.97	ng/uL	0.00
5) Phenol-d5	6.65	99	104380	21.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	62704	22.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	80690	23.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	92358	22.49	ng/ul	0.00
19) Nitrobenzene-d5	8.61	128	42477	25.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	50100	26.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	101557	25.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	107654	25.58	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	400532	28.07	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	435192	26.22	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	45709	18.20	ng/ul	0.00
57) Fluorene-d10	15.12	176	332852	26.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	54907	21.53	ng/ul	0.00
70) Anthracene-d10	16.87	188	415325	20.71	ng/ul	-0.10
76) Pyrene-d10	19.27	212	650671	28.73	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	574241	29.29	ng/ul	0.00

Target Compounds				Qvalue		
6) Phenol	6.67	94	11627	2.28	ng/ul#	90
44) Dimethylphthalate	13.58	163	152052	10.87	ng/ul	99
74) Fluoranthene	18.94	202	104581	3.68	ng/ul#	96
77) Pyrene	19.30	202	242207	8.60	ng/ul	98
80) Benzo(a)anthracene	21.07	228	116465	4.10	ng/ul	99
82) Chrysene	21.12	228	75324	2.98	ng/ul	97
85) Benzo(b)fluoranthene	22.59	252	253895	9.64	ng/ul	99
86) Benzo(k)fluoranthene	22.59	252	253895	10.17	ng/ul	99
88) Benzo(a)pyrene	23.13	252	114911	4.74	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.33	276	69922	2.78	ng/ul	99
91) Benzo(g,h,i)perylene	25.97	276	43405	2.17	ng/ul#	94

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

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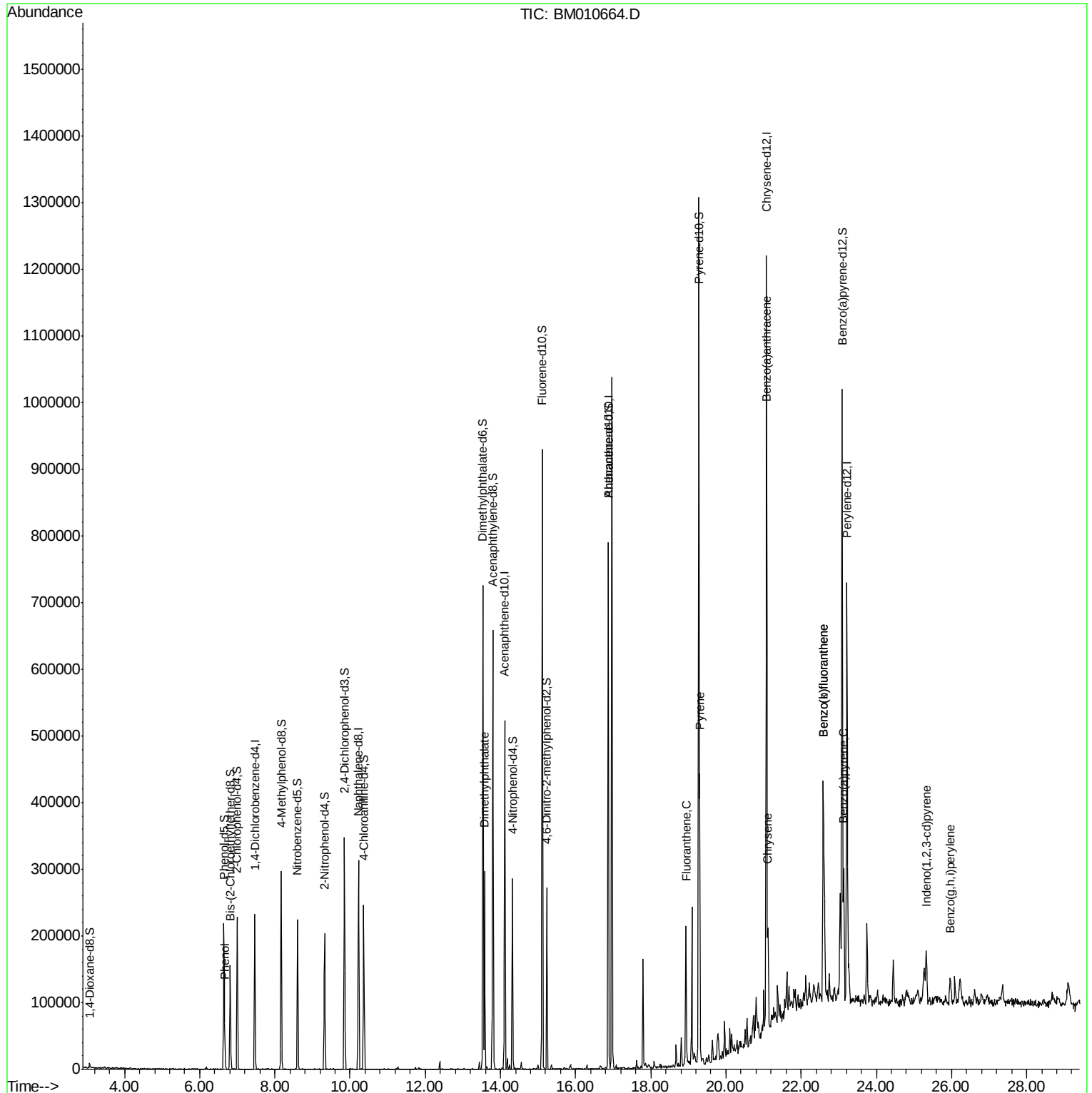
Quant Time: Jun 23 01:06:05 2017

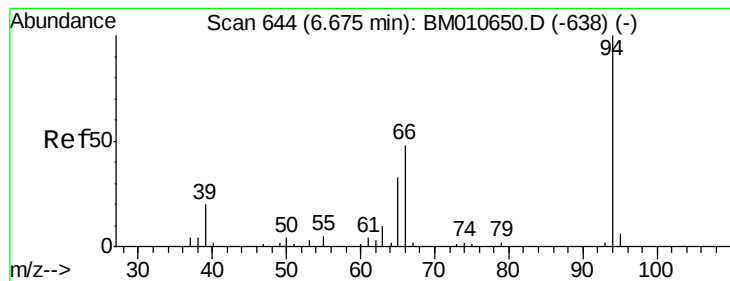
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Jun 23 01:03:57 2017

Response via : Initial Calibration





#6

Phenol

Concen: 2.28 ng/ul

RT: 6.67 min Scan# 643

Delta R.T. -0.01 min

Lab File: BM010664.D

Acq: 22 Jun 2017 17:46

Instrument :

BNA_M

ClientSampled :

F5A03

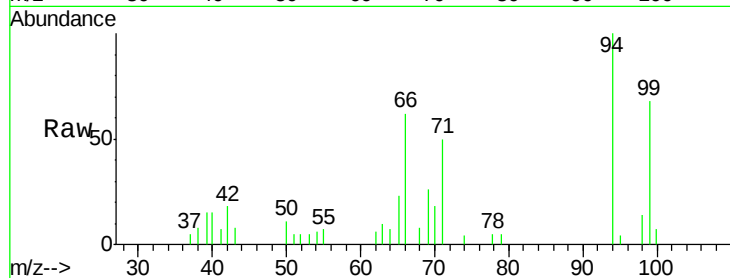
Tgt Ion: 94 Resp: 11627

Ion Ratio Lower Upper

94 100

65 23.5 28.2 42.4#

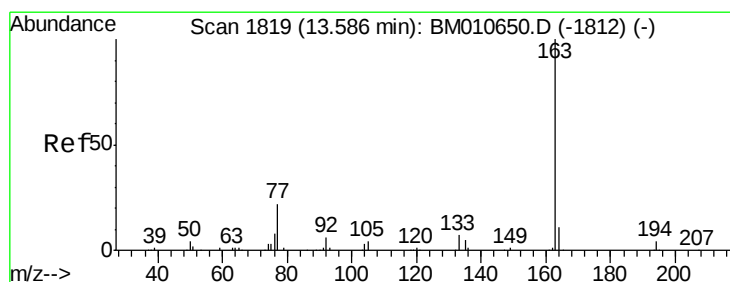
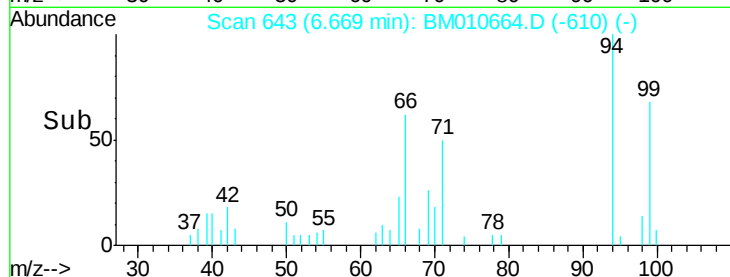
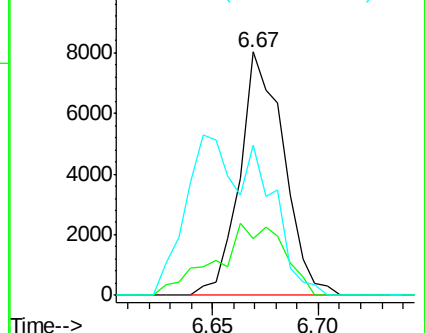
66 61.7 47.2 70.8



Abundance Ion 94.00 (93.70 to 94.70): BM010650.D (-638) (-)

Ion 65.00 (64.70 to 65.70): BM010650.D (-638) (-)

Ion 66.00 (65.70 to 66.70): BM010650.D (-638) (-)



#44

Dimethylphthalate

Concen: 10.87 ng/ul

RT: 13.58 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BM010664.D

Acq: 22 Jun 2017 17:46

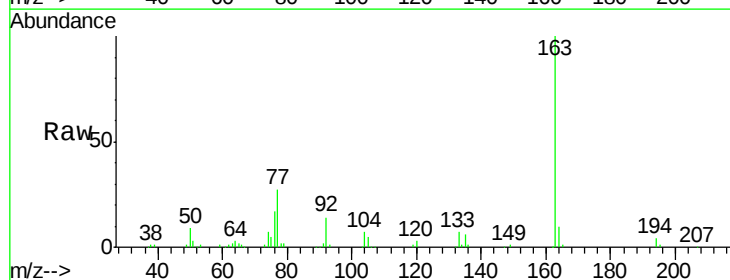
Tgt Ion:163 Resp: 152052

Ion Ratio Lower Upper

163 100

194 3.5 3.5 5.3

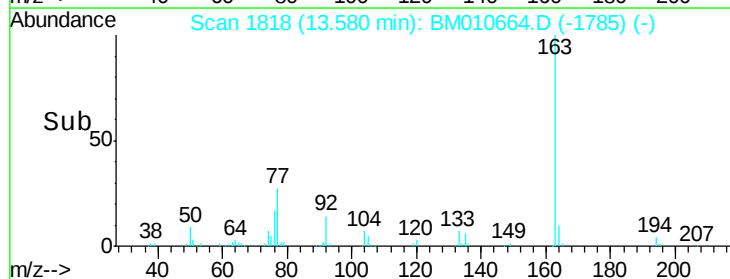
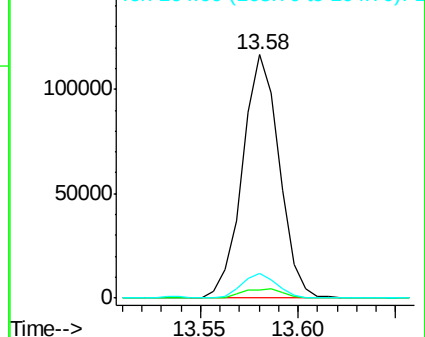
164 10.2 8.2 12.4

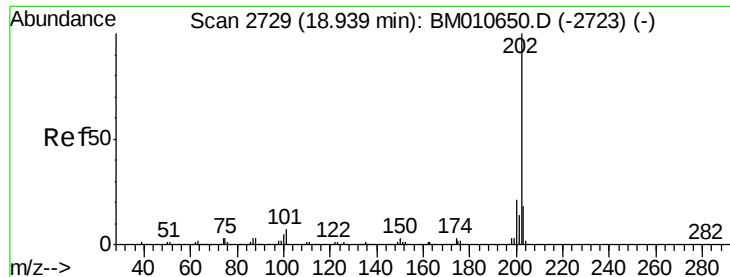


Abundance Ion 163.00 (162.70 to 163.70): BM010650.D (-1812) (-)

Ion 194.00 (193.70 to 194.70): BM010650.D (-1812) (-)

Ion 164.00 (163.70 to 164.70): BM010650.D (-1812) (-)





#74

Fluoranthene

Concen: 3.68 ng/ul

RT: 18.94 min Scan# 2729

Delta R.T. -0.00 min

Lab File: BM010664.D

Acq: 22 Jun 2017 17:46

Instrument :

BNA_M

ClientSampled :

F5A03

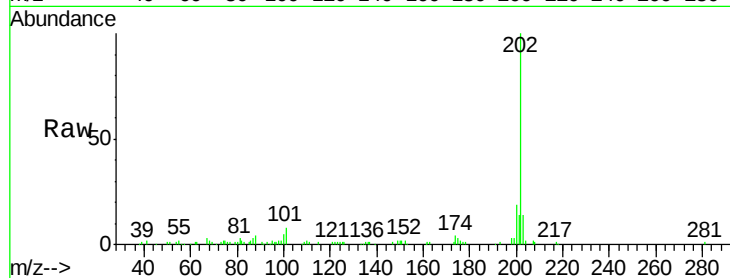
Tgt Ion:202 Resp: 104581

Ion Ratio Lower Upper

202 100

101 7.6 4.6 7.0#

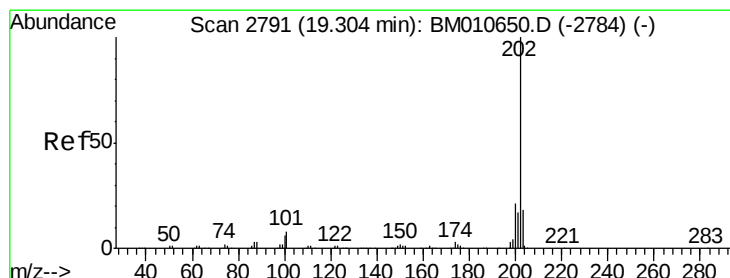
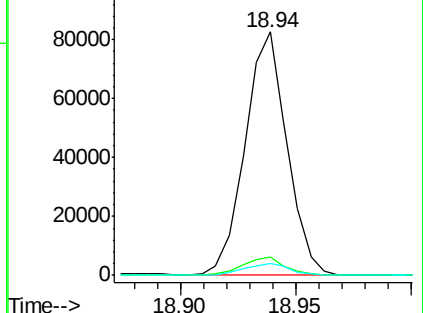
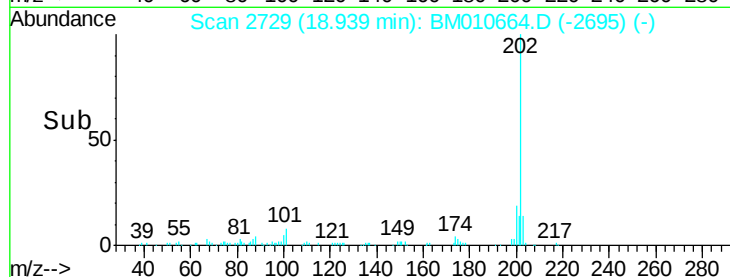
100 4.8 3.4 5.2



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: 8.60 ng/ul

RT: 19.30 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BM010664.D

Acq: 22 Jun 2017 17:46

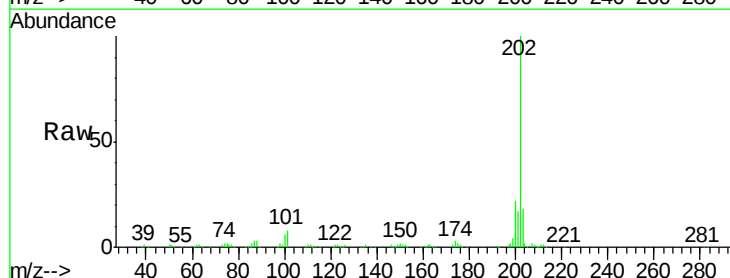
Tgt Ion:202 Resp: 242207

Ion Ratio Lower Upper

202 100

101 7.5 5.1 7.7

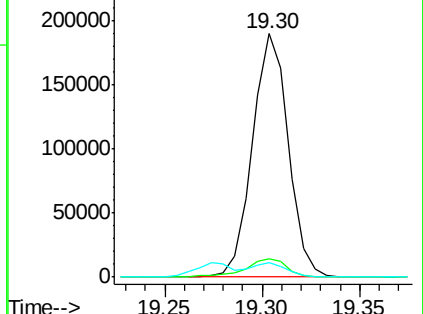
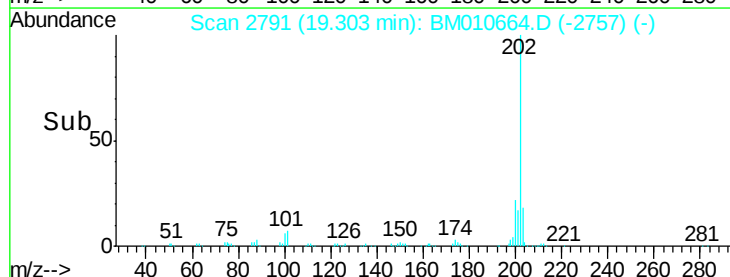
100 5.8 4.9 7.3

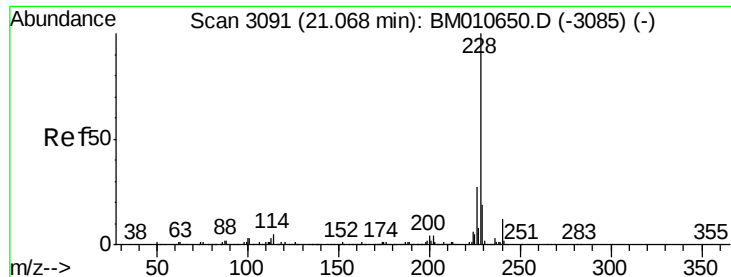


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

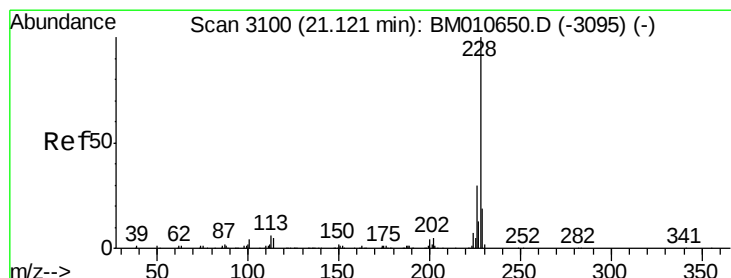
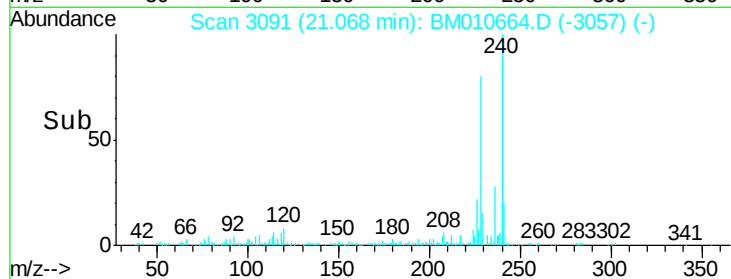
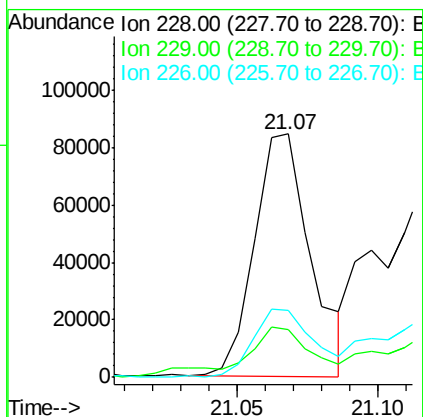
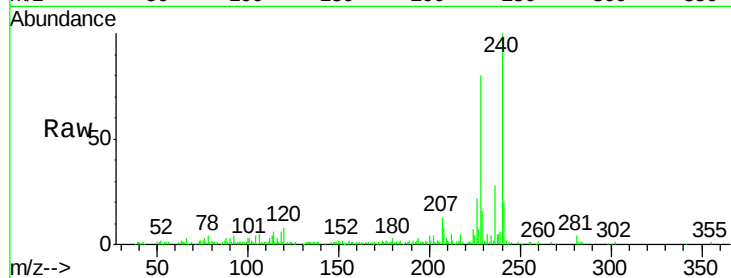




#80
Benzo(a)anthracene
Concen: 4.10 ng/ul
RT: 21.07 min Scan# 3091
Delta R.T. -0.00 min
Lab File: BM010664.D
Acq: 22 Jun 2017 17:46

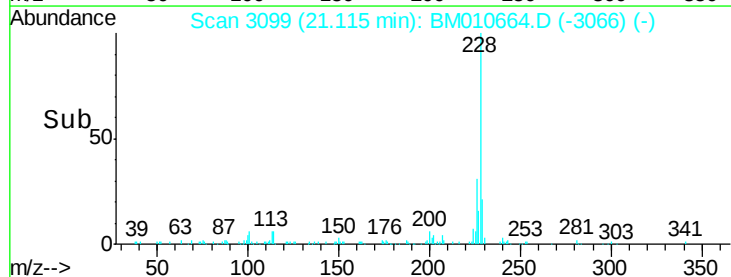
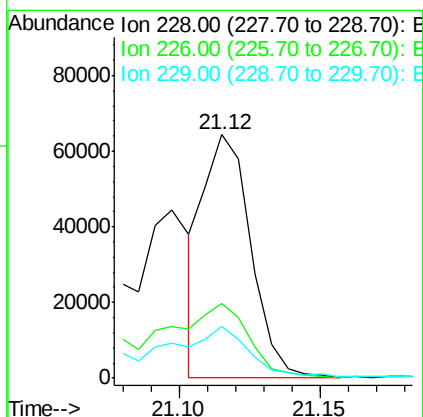
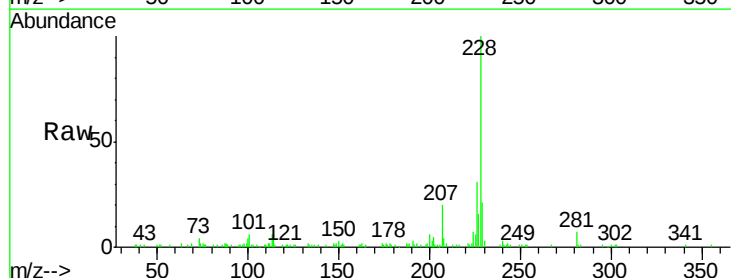
Instrument :
BNA_M
ClientSampleId :
F5A03

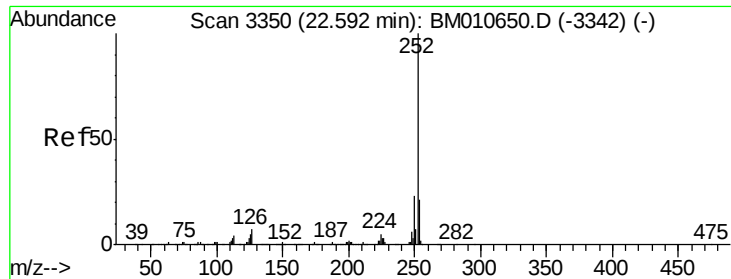
Tgt Ion:228 Resp: 116465
Ion Ratio Lower Upper
228 100
229 19.7 15.4 23.0
226 27.5 21.4 32.0



#82
Chrysene
Concen: 2.98 ng/ul
RT: 21.12 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM010664.D
Acq: 22 Jun 2017 17:46

Tgt Ion:228 Resp: 75324
Ion Ratio Lower Upper
228 100
226 30.5 23.4 35.2
229 21.2 15.5 23.3





#85

Benzo(b)fluoranthene

Concen: 9.64 ng/ul

RT: 22.59 min Scan# 3349

Delta R.T. -0.01 min

Lab File: BM010664.D

Acq: 22 Jun 2017 17:46

Instrument :

BNA_M

ClientSampleId :

F5A03

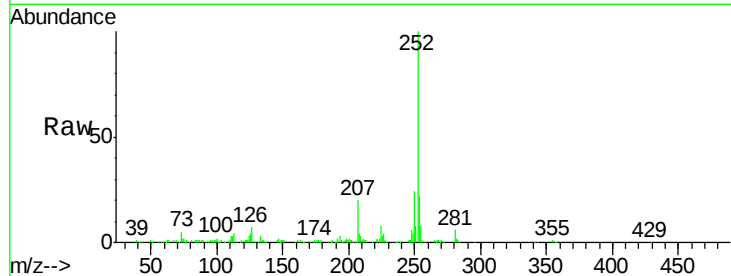
Tgt Ion:252 Resp: 253895

Ion Ratio Lower Upper

252 100

253 21.8 17.9 26.9

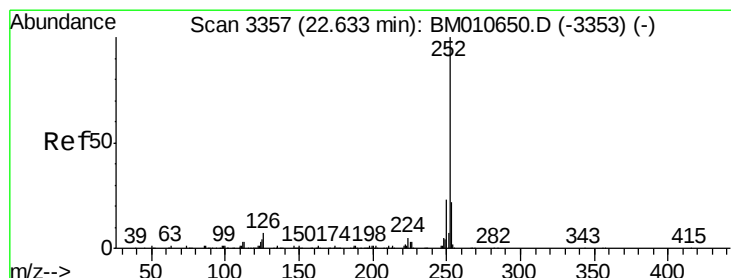
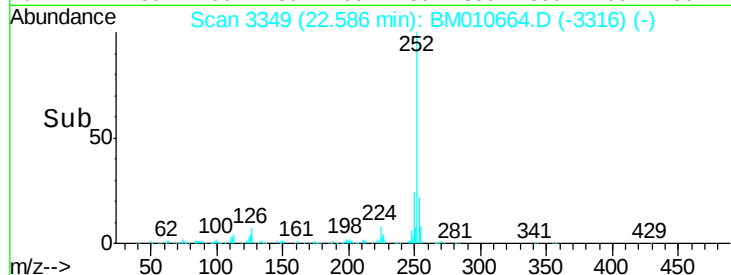
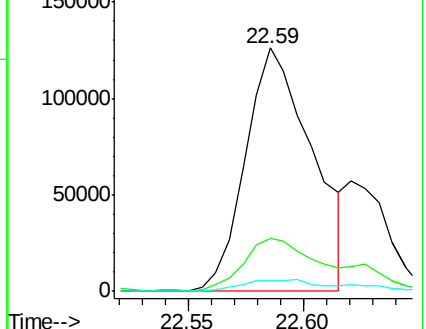
125 4.4 3.6 5.4



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: 10.17 ng/ul

RT: 22.59 min Scan# 3349

Delta R.T. -0.05 min

Lab File: BM010664.D

Acq: 22 Jun 2017 17:46

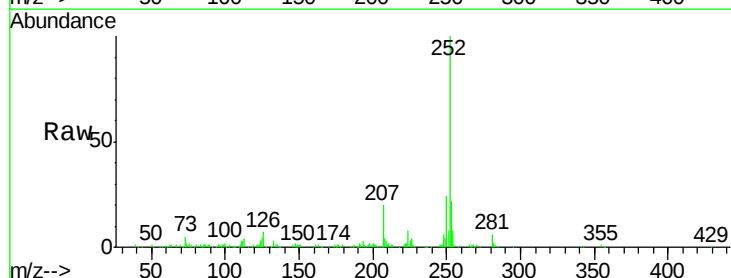
Tgt Ion:252 Resp: 253895

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

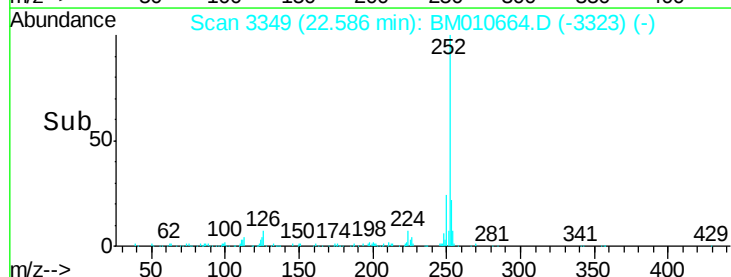
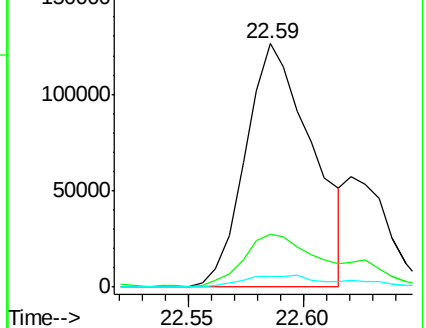
125 4.4 3.4 5.2

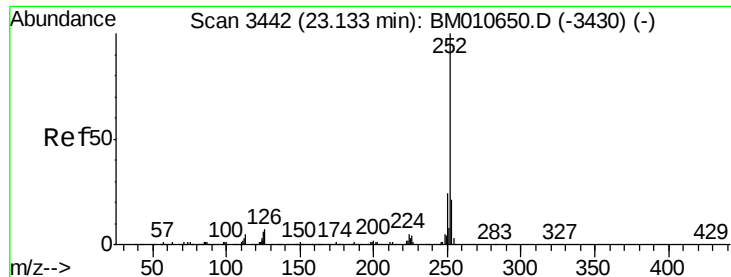


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 4.74 ng/ul

RT: 23.13 min Scan# 3441

Delta R.T. -0.01 min

Lab File: BM010664.D

Acq: 22 Jun 2017 17:46

Instrument :

BNA_M

ClientSampleId :

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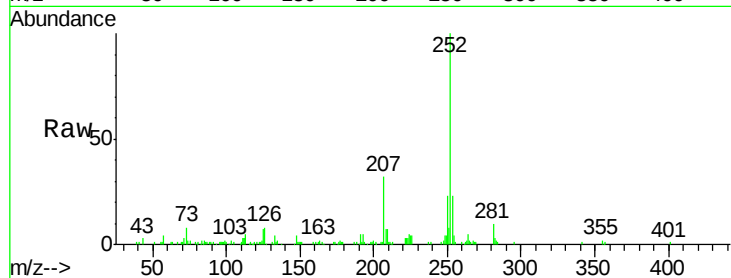
Tgt Ion:252 Resp: 114911

Ion Ratio Lower Upper

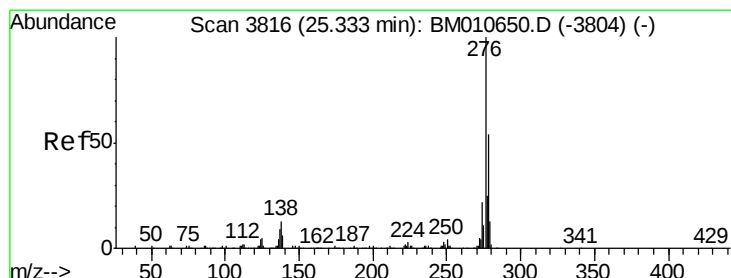
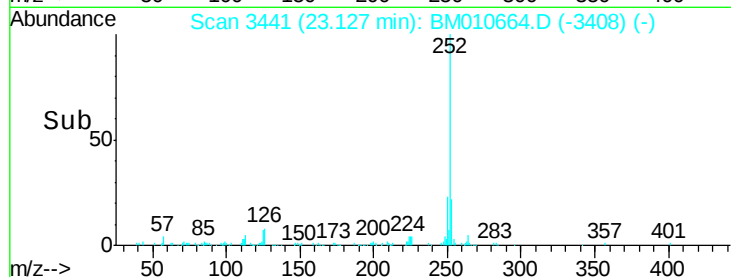
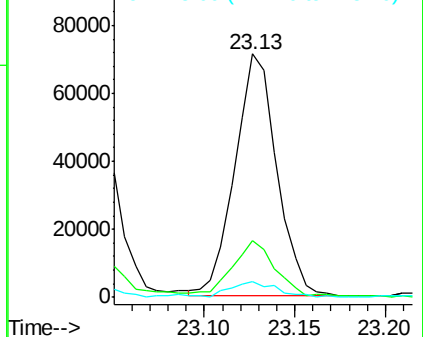
252 100

253 23.3 18.2 27.2

125 6.7 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: 2.78 ng/ul

RT: 25.33 min Scan# 3815

Delta R.T. -0.01 min

Lab File: BM010664.D

Acq: 22 Jun 2017 17:46

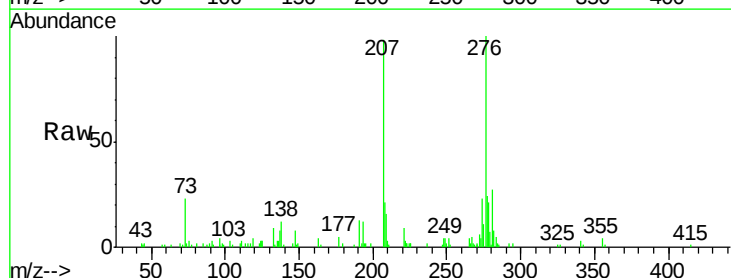
Tgt Ion:276 Resp: 69922

Ion Ratio Lower Upper

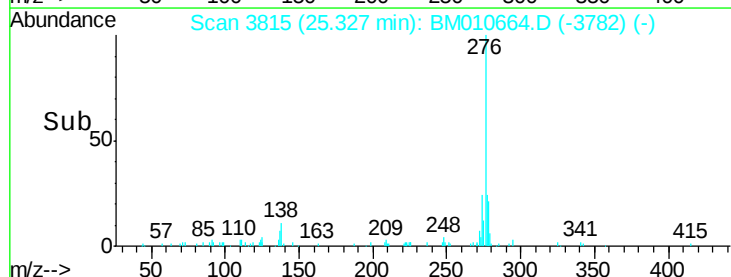
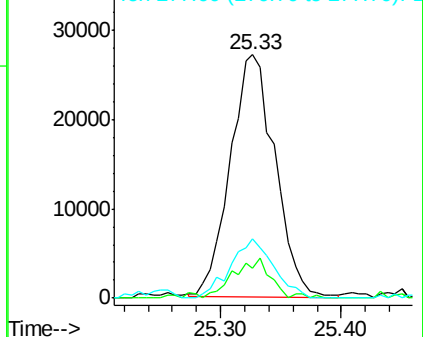
276 100

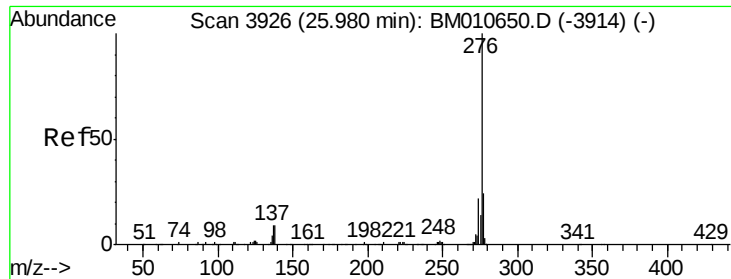
138 12.1 9.3 13.9

277 24.4 19.9 29.9



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





#91
 Benzo(g,h,i)perylene
 Concen: 2.17 ng/ul
 RT: 25.97 min Scan# 3924
 Delta R.T. -0.01 min
 Lab File: BM010664.D
 Acq: 22 Jun 2017 17:46

Instrument :
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Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.2	8.5	12.7#
277	22.4	18.6	28.0

