

Data File : BM010668.D
Acq On : 22 Jun 2017 20:09
Operator : SJ/JU
Sample : I3627-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5A08

Quant Time: Jun 23 05:08:10 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	65953	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	304183	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.12	164	211243	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	531681	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	609779	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	494177	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.08	96	4430	3.85	ng/uL	0.00
5) Phenol-d5	6.65	99	117545	18.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	67472	18.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	89093	20.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	98391	18.89	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	45933	21.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	55116	22.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	108288	20.57	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	130430	23.52	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	429761	23.18	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	465937	21.60	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	56431	17.29	ng/ul	0.00
57) Fluorene-d10	15.12	176	355928	22.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	63999	19.60	ng/ul	0.00
70) Anthracene-d10	16.87	188	531681	20.71	ng/ul	-0.10
76) Pyrene-d10	19.27	212	663896	23.44	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	543170	22.74	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Phenol	6.67	94	12133	1.87	ng/ul	96
44) Dimethylphthalate	13.58	163	179605	9.88	ng/ul	100
69) Phenanthrene	16.91	178	33250	1.18	ng/ul#	95
71) Anthracene	16.91	178	33250	1.14	ng/ul	96
74) Fluoranthene	18.94	202	95923	2.63	ng/ul	99
77) Pyrene	19.30	202	107931	3.06	ng/ul#	95
80) Benzo(a)anthracene	21.07	228	65915	1.86	ng/ul	94
82) Chrysene	21.12	228	78375	2.48	ng/ul	97
85) Benzo(b)fluoranthene	22.63	252	34818	1.09	ng/ul	93
86) Benzo(k)fluoranthene	22.63	252	34818	1.14	ng/ul#	91
88) Benzo(a)pyrene	23.13	252	61970	2.10	ng/ul	93
89) Indeno(1,2,3-cd)pyrene	25.33	276	33505	1.09	ng/ul	98

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

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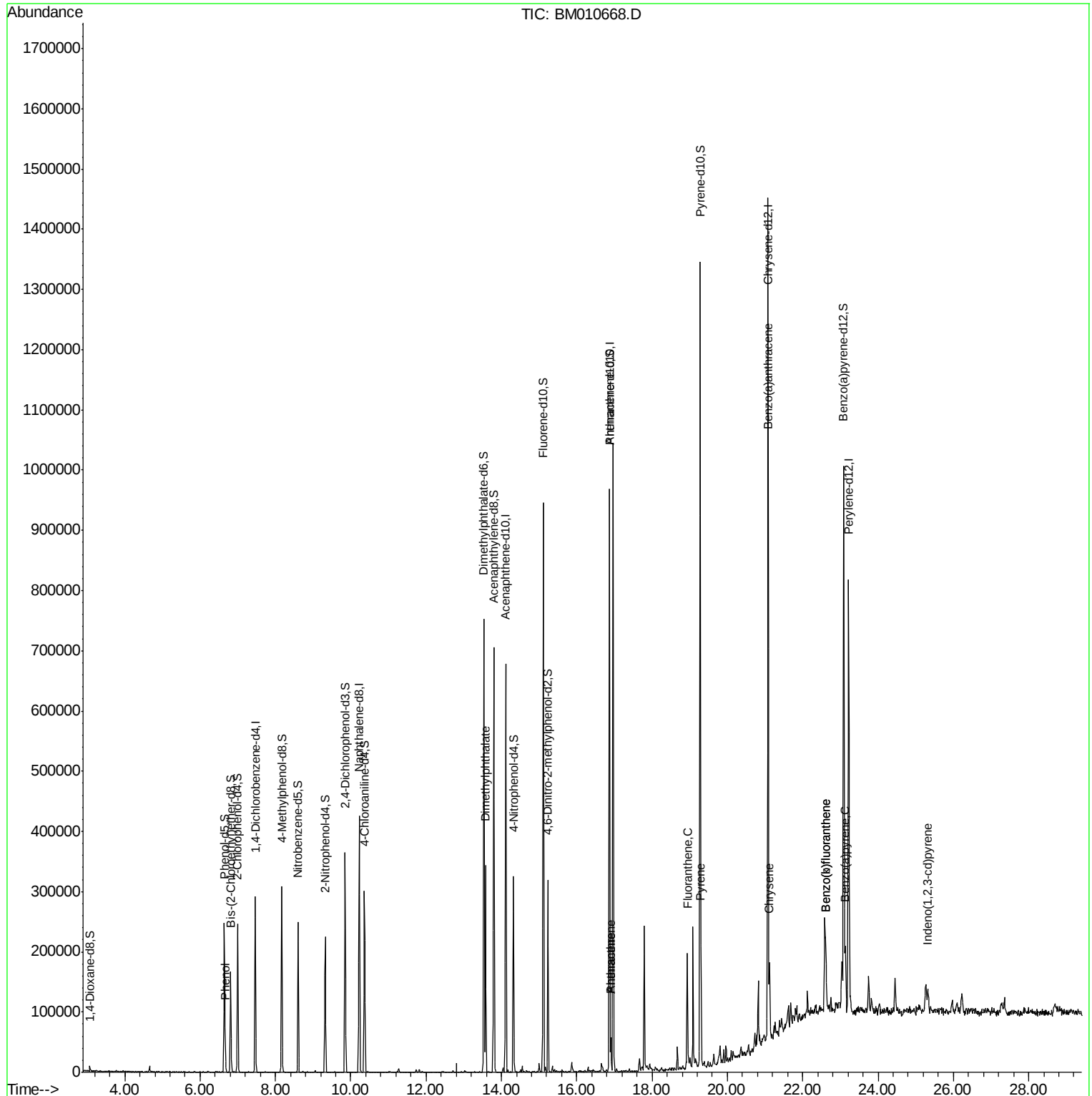
Quant Time: Jun 23 05:08:10 2017

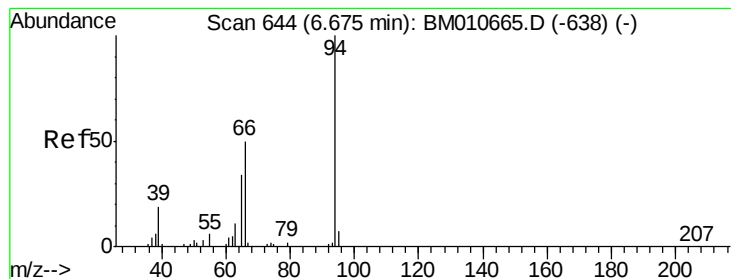
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M

Quant Title : SVOA CALIBRATION

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

Response via : Initial Calibration





#6

Phenol

Concen: 1.87 ng/ul

RT: 6.67 min Scan# 644

Delta R.T. -0.00 min

Lab File: BM010668.D

Acq: 22 Jun 2017 20:09

Instrument :

BNA_M

ClientSampled :

F5A08

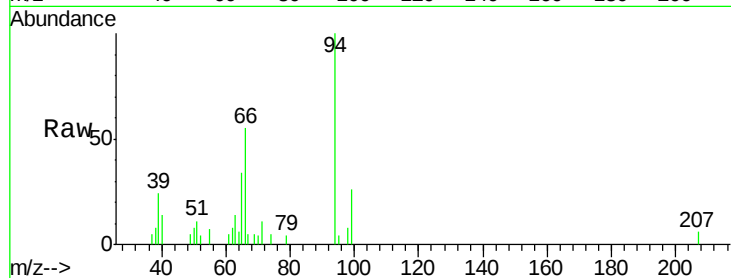
Tgt Ion: 94 Resp: 12133

Ion Ratio Lower Upper

94 100

65 33.6 28.2 42.4

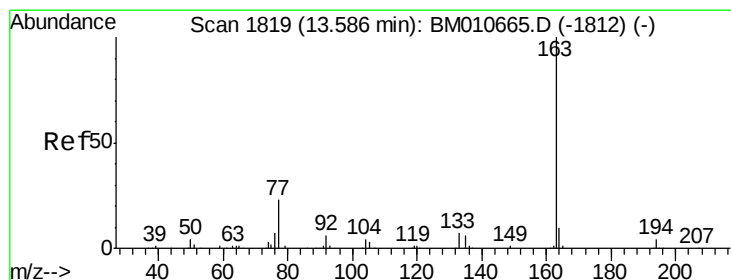
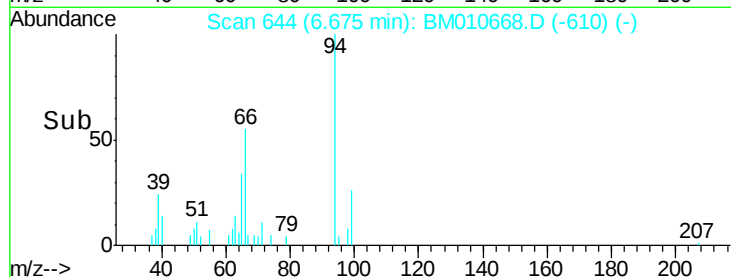
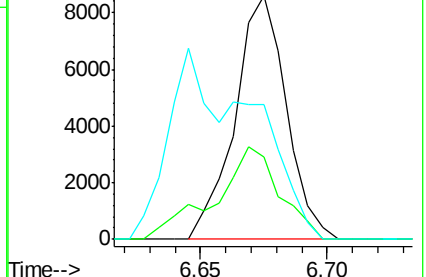
66 55.2 47.2 70.8



Abundance Ion 94.00 (93.70 to 94.70): BM010665.D (-638) (-)

Ion 65.00 (64.70 to 65.70): BM010665.D (-638) (-)

Ion 66.00 (65.70 to 66.70): BM010665.D (-638) (-)



#44

Dimethylphthalate

Concen: 9.88 ng/ul

RT: 13.58 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BM010668.D

Acq: 22 Jun 2017 20:09

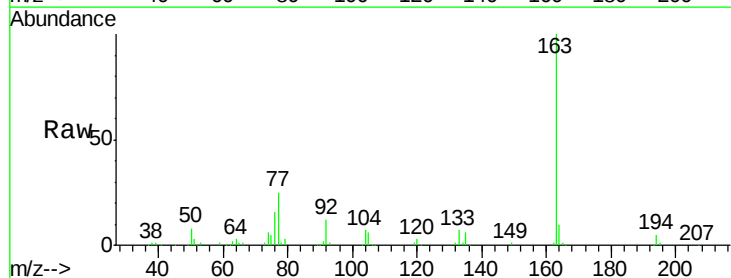
Tgt Ion: 163 Resp: 179605

Ion Ratio Lower Upper

163 100

194 4.7 3.5 5.3

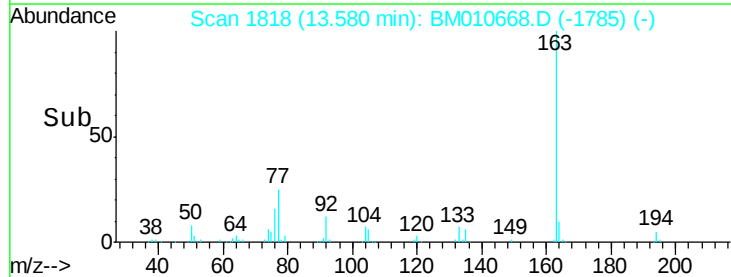
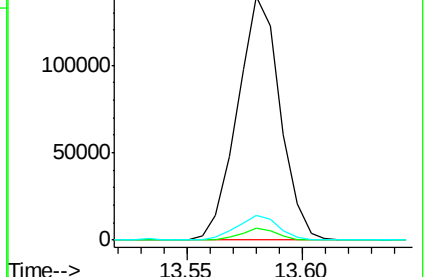
164 10.2 8.2 12.4

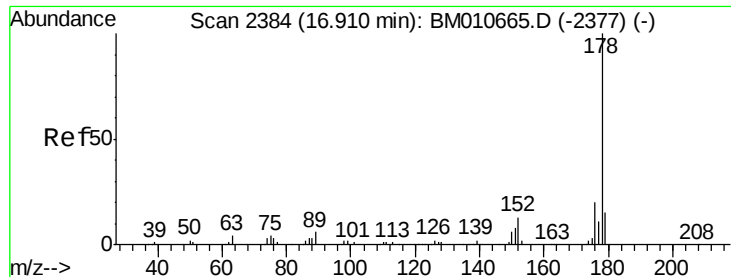


Abundance Ion 163.00 (162.70 to 163.70): BM010665.D (-1812) (-)

Ion 194.00 (193.70 to 194.70): BM010665.D (-1812) (-)

Ion 164.00 (163.70 to 164.70): BM010665.D (-1812) (-)





#69

Phenanthrene

Concen: 1.18 ng/ul

RT: 16.91 min Scan# 2384

Delta R.T. -0.00 min

Lab File: BM010668.D

Acq: 22 Jun 2017 20:09

Instrument :

BNA_M

ClientSampleId :

F5A08

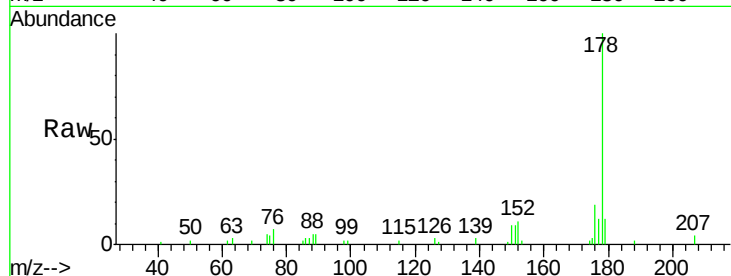
Tgt Ion:178 Resp: 33250

Ion Ratio Lower Upper

178 100

179 11.8 12.6 19.0#

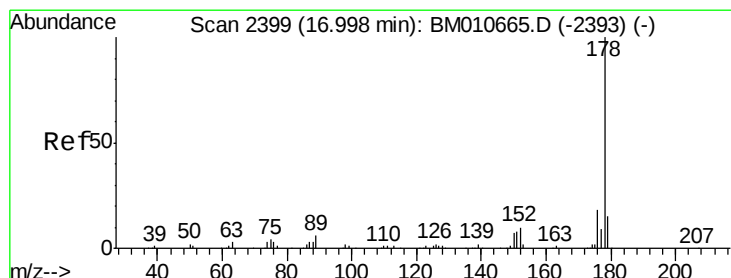
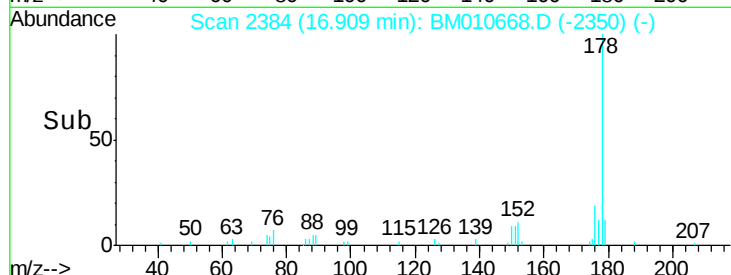
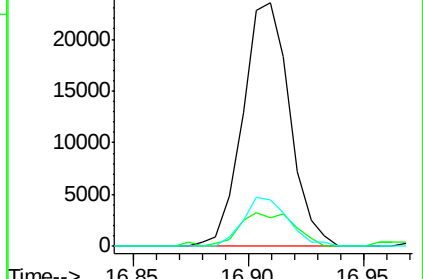
176 19.0 14.9 22.3



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



#71

Anthracene

Concen: 1.14 ng/ul

RT: 16.91 min Scan# 2384

Delta R.T. -0.09 min

Lab File: BM010668.D

Acq: 22 Jun 2017 20:09

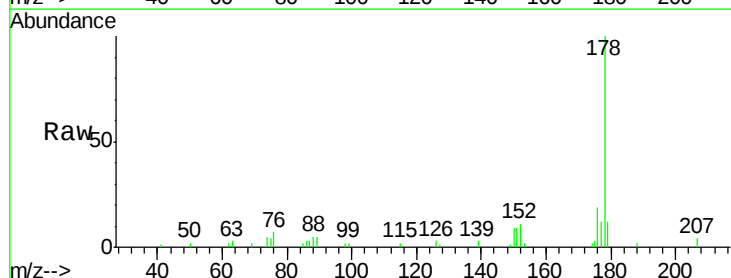
Tgt Ion:178 Resp: 33250

Ion Ratio Lower Upper

178 100

179 11.8 11.7 17.5

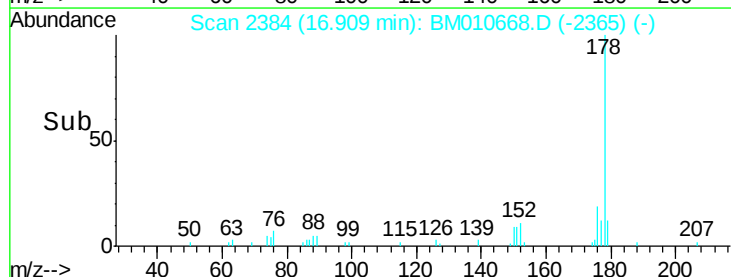
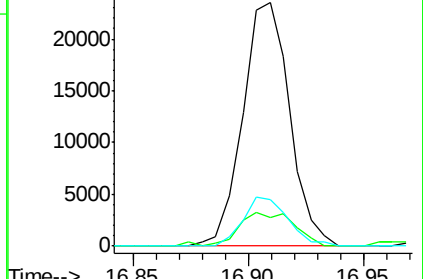
176 19.0 14.6 21.8

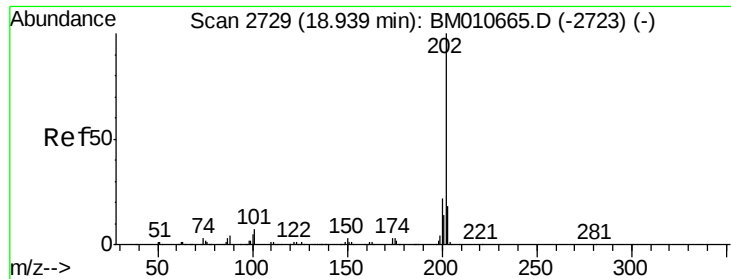


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 2.63 ng/ul

RT: 18.94 min Scan# 2729

Delta R.T. -0.00 min

Lab File: BM010668.D

Acq: 22 Jun 2017 20:09

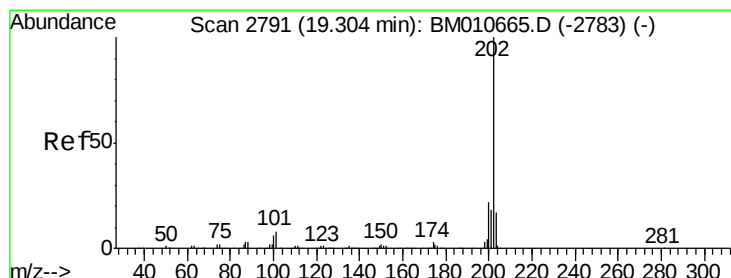
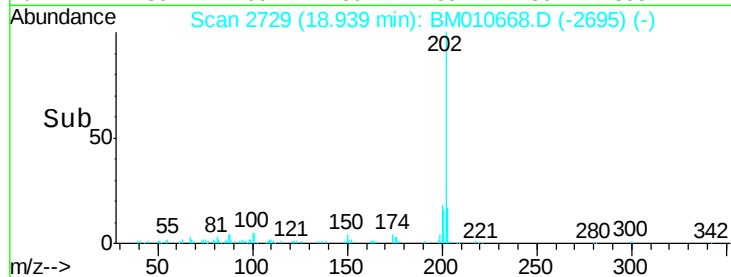
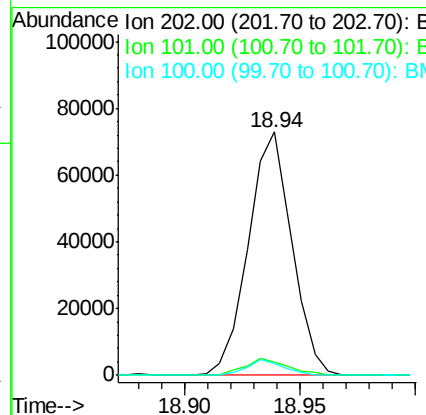
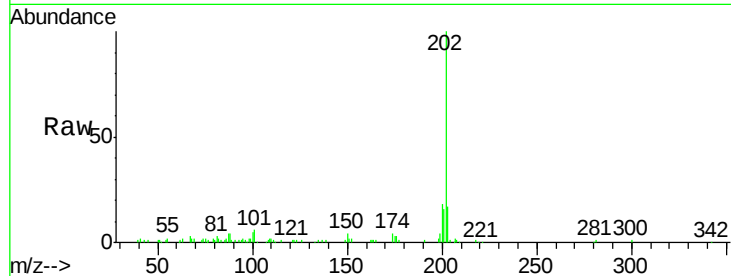
Instrument :

BNA_M

ClientSampleId :

F5A08

Tgt Ion:	202	Resp:	95923
Ion Ratio	Lower	Upper	
202	100		
101	5.6	4.6	7.0
100	4.9	3.4	5.2



#77

Pyrene

Concen: 3.06 ng/ul

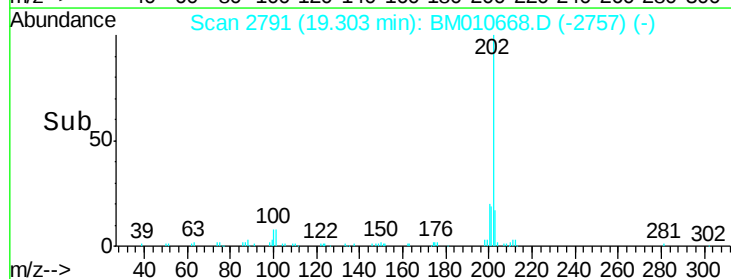
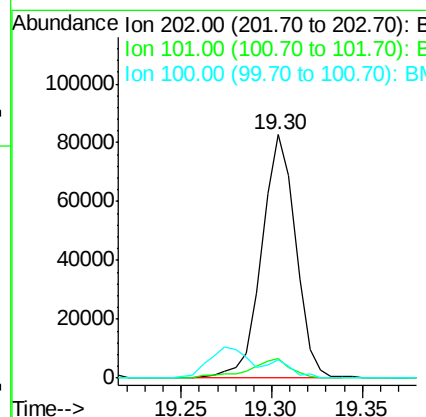
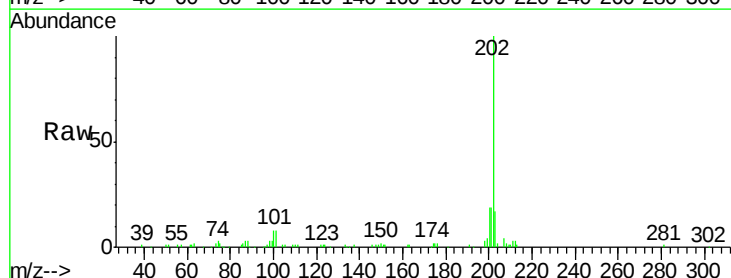
RT: 19.30 min Scan# 2791

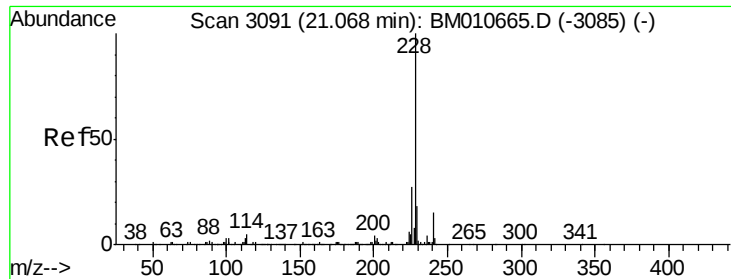
Delta R.T. -0.00 min

Lab File: BM010668.D

Acq: 22 Jun 2017 20:09

Tgt Ion:	202	Resp:	107931
Ion Ratio	Lower	Upper	
202	100		
101	8.2	5.1	7.7#
100	7.6	4.9	7.3#





#80

Benzo(a)anthracene

Concen: 1.86 ng/ul

RT: 21.07 min Scan# 3091

Delta R.T. -0.00 min

Lab File: BM010668.D

Acq: 22 Jun 2017 20:09

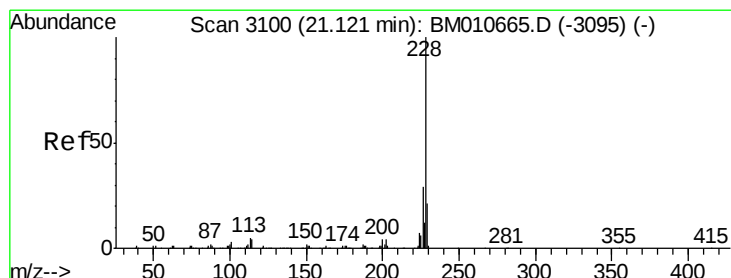
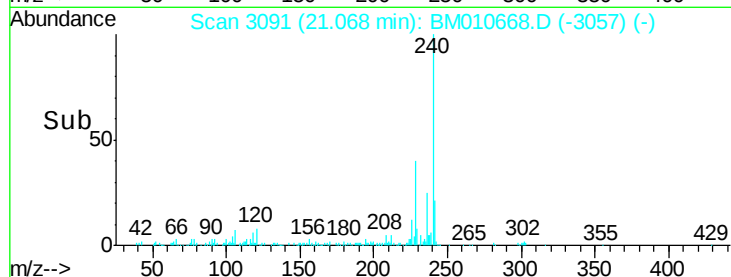
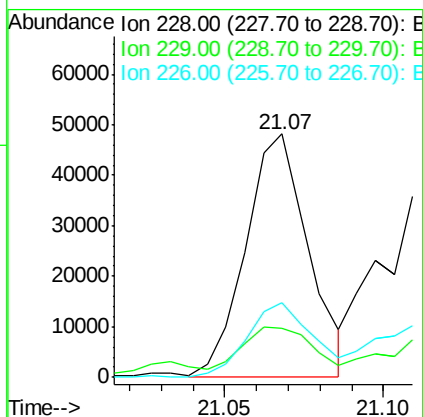
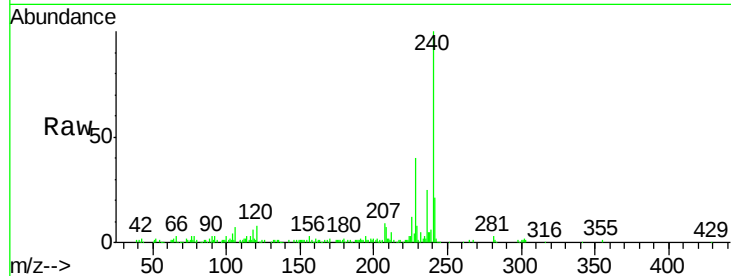
Instrument :

BNA_M

ClientSampleId :

F5A08

Tgt Ion:	228	Resp:	65915
Ion Ratio		Lower	Upper
228	100		
229	20.3	15.4	23.0
226	30.8	21.4	32.0



#82

Chrysene

Concen: 2.48 ng/ul

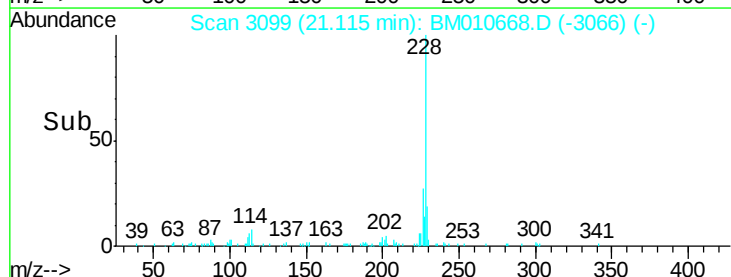
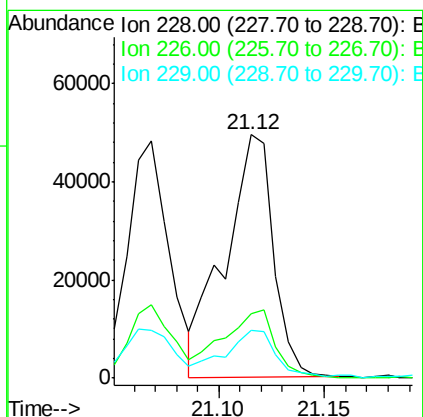
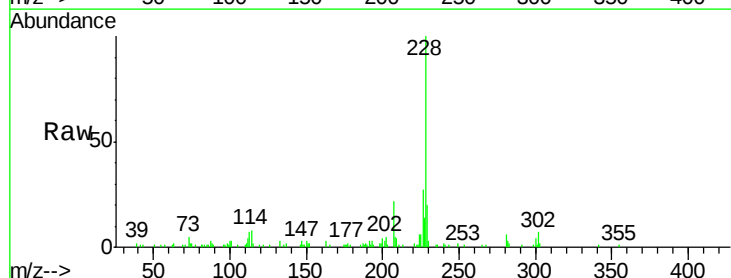
RT: 21.12 min Scan# 3099

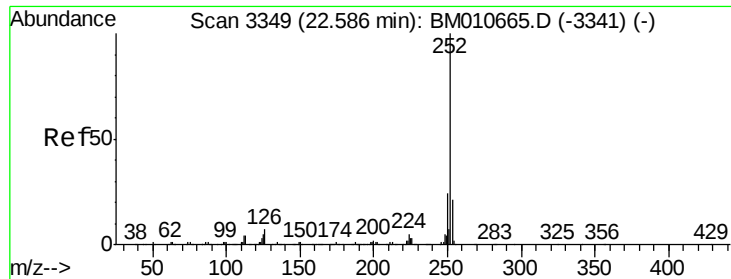
Delta R.T. -0.01 min

Lab File: BM010668.D

Acq: 22 Jun 2017 20:09

Tgt Ion:	228	Resp:	78375
Ion Ratio		Lower	Upper
228	100		
226	26.7	23.4	35.2
229	19.6	15.5	23.3

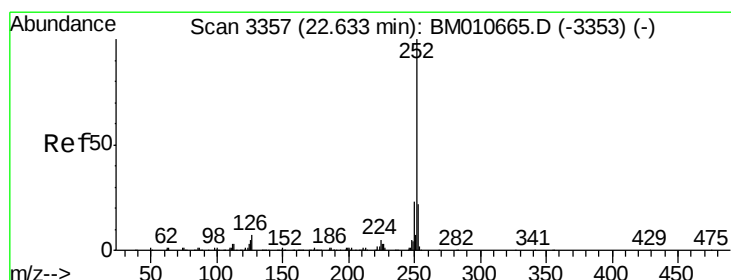
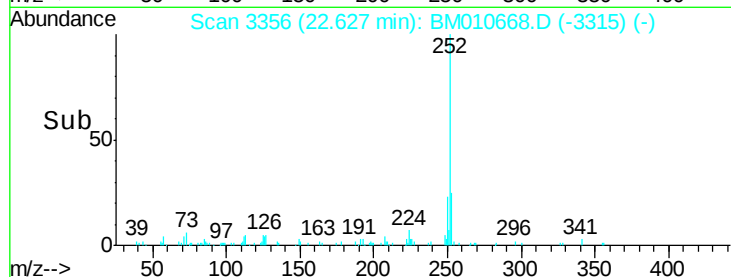
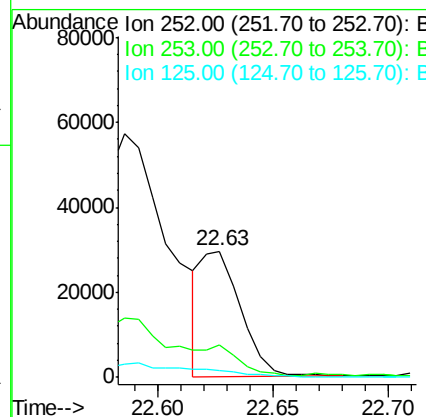
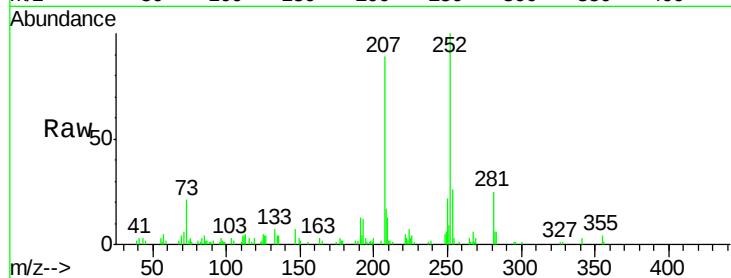




#85
Benzo(b)fluoranthene
Concen: 1.09 ng/ul
RT: 22.63 min Scan# 3356
Delta R.T. 0.04 min
Lab File: BM010668.D
Acq: 22 Jun 2017 20:09

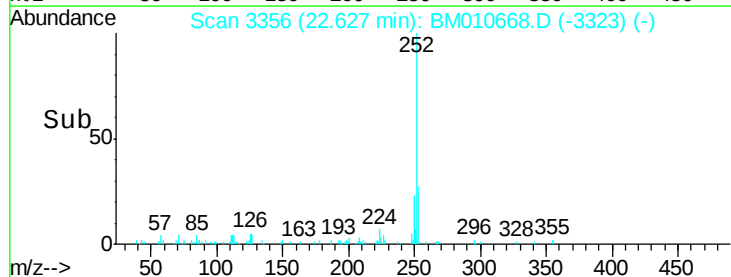
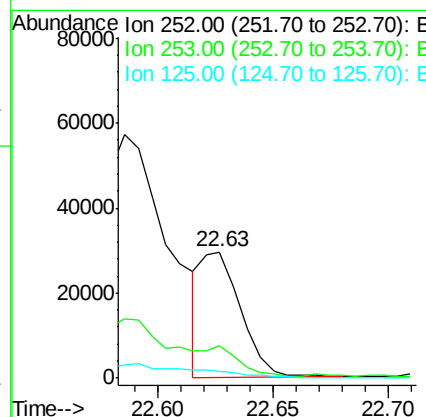
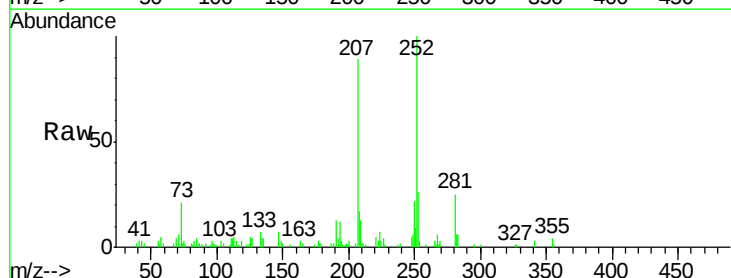
Instrument :
BNA_M
ClientSampleId :
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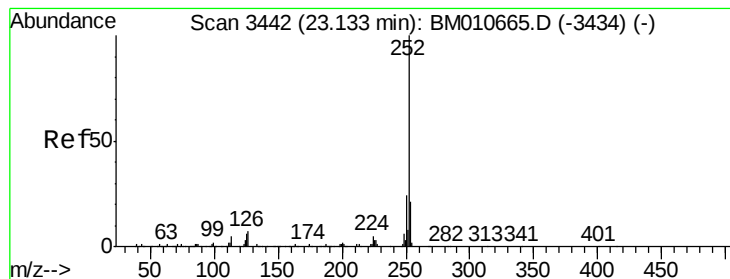
Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.9	26.9
125	5.2	3.6	5.4



#86
Benzo(k)fluoranthene
Concen: 1.14 ng/ul
RT: 22.63 min Scan# 3356
Delta R.T. -0.01 min
Lab File: BM010668.D
Acq: 22 Jun 2017 20:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.1	25.7#
125	5.2	3.4	5.2#





#88

Benzo(a)pyrene

Concen: 2.10 ng/ul

RT: 23.13 min Scan# 3441

Delta R.T. -0.01 min

Lab File: BM010668.D

Acq: 22 Jun 2017 20:09

Instrument :

BNA_M

ClientSampleId :

F5A08

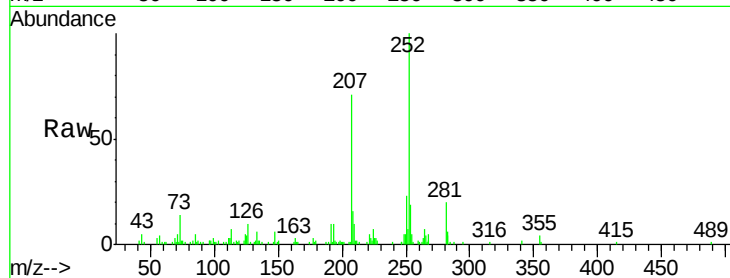
Tgt Ion:252 Resp: 61970

Ion Ratio Lower Upper

252 100

253 18.7 18.2 27.2

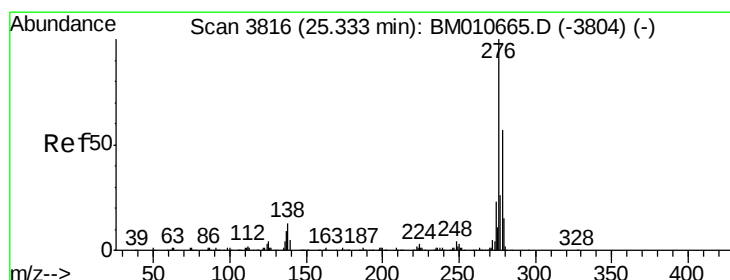
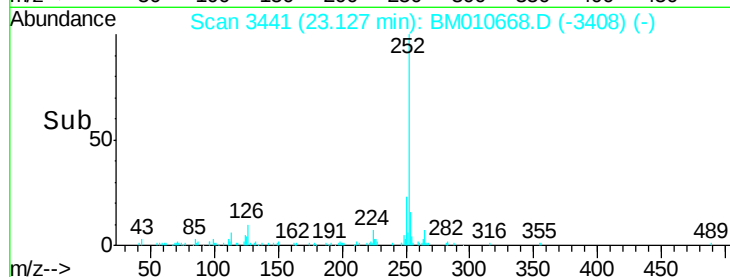
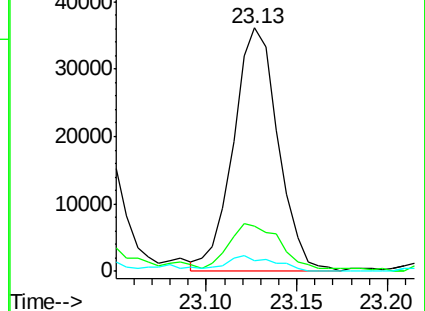
125 4.4 4.0 6.0



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: 1.09 ng/ul

RT: 25.33 min Scan# 3815

Delta R.T. -0.01 min

Lab File: BM010668.D

Acq: 22 Jun 2017 20:09

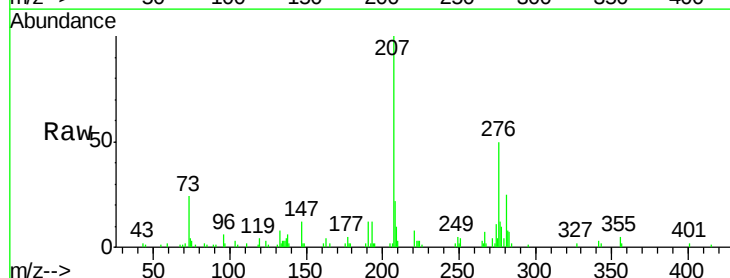
Tgt Ion:276 Resp: 33505

Ion Ratio Lower Upper

276 100

138 12.7 9.3 13.9

277 23.9 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

