

Data File : BM010675.D
Acq On : 23 Jun 2017 00:21
Operator : SJ/JU
Sample : I3625-10 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5D09DL

Quant Time: Jun 23 05:09:48 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	78176	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	368367	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	255140	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	637182	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	691621	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	559041	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	1318	0.97	ng/uL	0.00
5) Phenol-d5	6.65	99	40712	5.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	22045	5.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	29194	5.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	39022	6.32	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	17530	6.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	20893	6.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	43936	6.89	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	51467	7.66	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	176734	7.89	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	194984	7.48	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	22807	5.79	ng/ul	0.00
57) Fluorene-d10	15.11	176	155419	8.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	25029	6.40	ng/ul	0.00
70) Anthracene-d10	16.87	188	637182	20.71	ng/ul	-0.10
76) Pyrene-d10	19.27	212	280646	8.74	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	216048	8.00	ng/ul	0.00

Target Compounds				Qvalue		
44) Dimethylphthalate	13.58	163	37150	1.69	ng/ul#	94
74) Fluoranthene	18.94	202	174499	4.00	ng/ul	98
77) Pyrene	19.30	202	341174	8.54	ng/ul#	98
80) Benzo(a)anthracene	21.06	228	175219	4.35	ng/ul	98
82) Chrysene	21.12	228	158925	4.43	ng/ul	94
85) Benzo(b)fluoranthene	22.59	252	788771	21.74	ng/ul	99
86) Benzo(k)fluoranthene	22.59	252	788771	22.93	ng/ul	97
88) Benzo(a)pyrene	23.27	252	102027	3.05	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.33	276	205653	5.94	ng/ul	99
90) Dibenzo(a,h)anthracene	25.34	278	53919	1.87	ng/ul#	87
91) Benzo(g,h,i)perylene	25.97	276	146870	5.32	ng/ul	97

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

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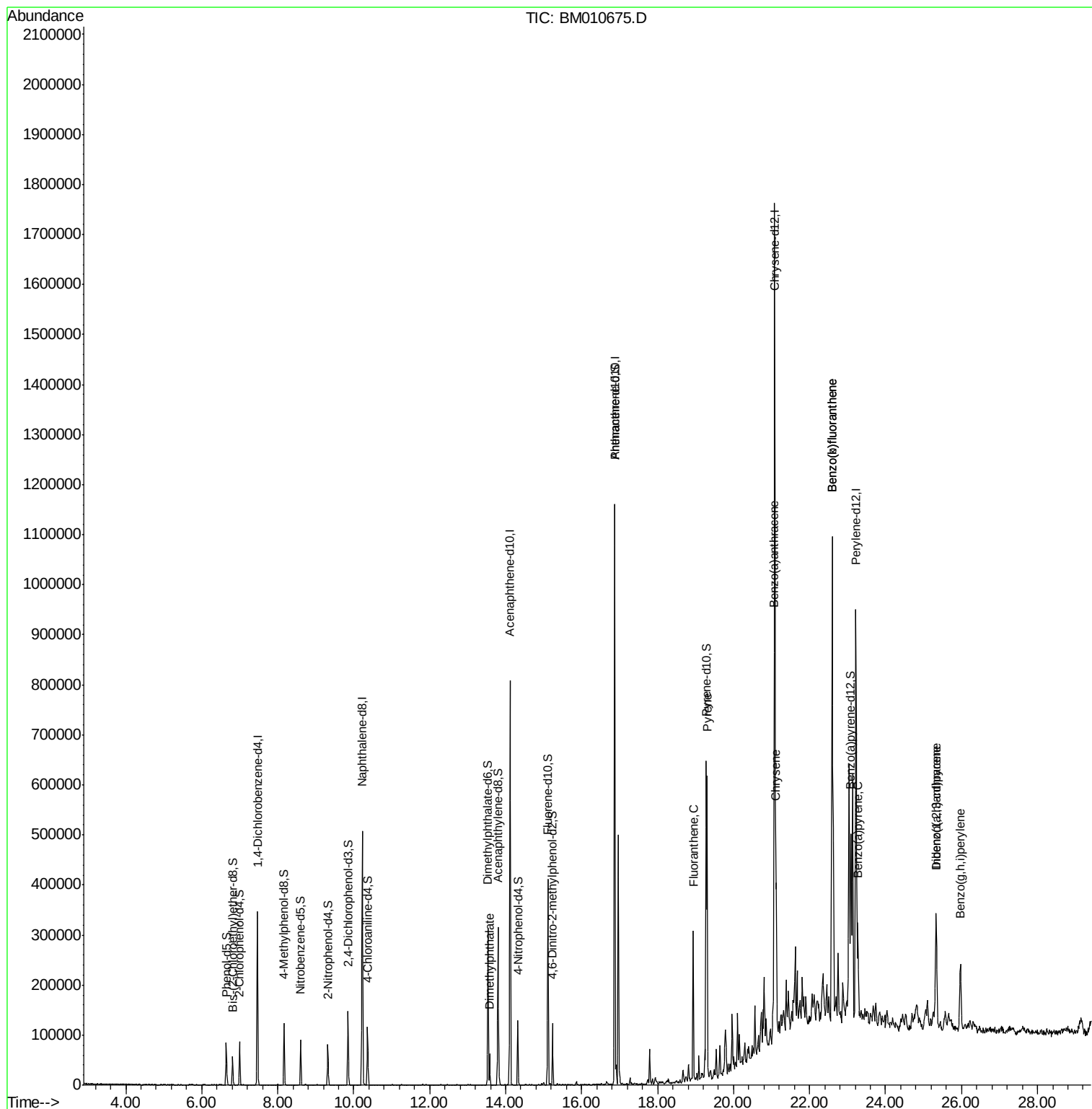
Quant Time: Jun 23 05:09:48 2017

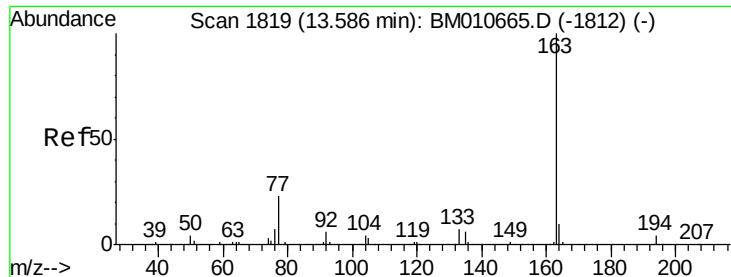
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M

Quant Title : SVOA CALIBRATION

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

Response via : Initial Calibration

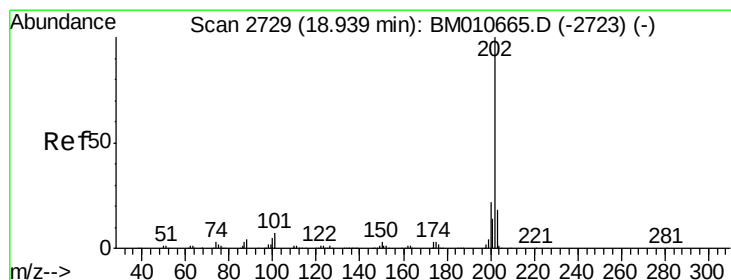
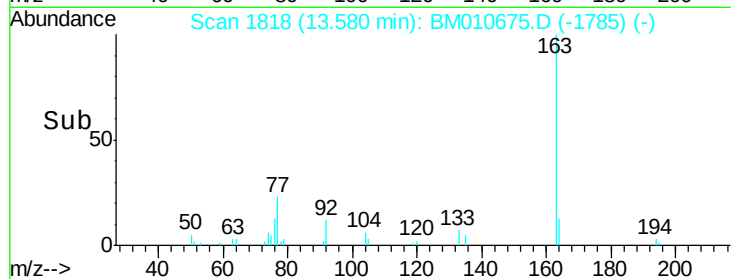
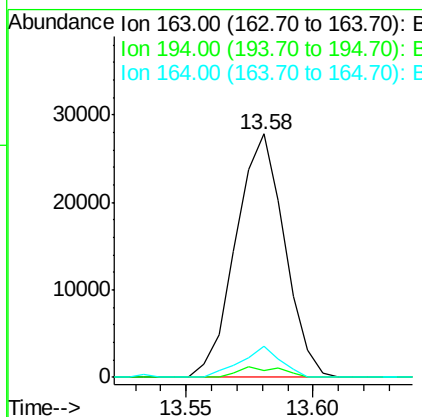
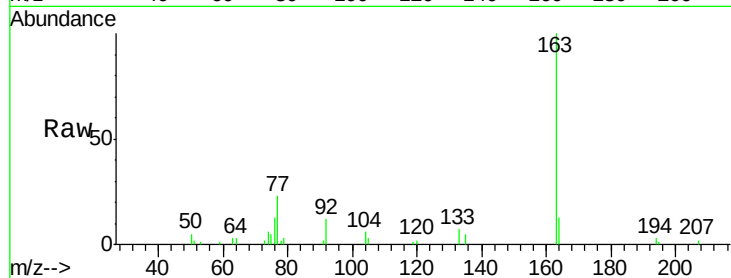




#44
Dimethylphthalate
Concen: 1.69 ng/ul
RT: 13.58 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BM010675.D
Acq: 23 Jun 2017 00:21

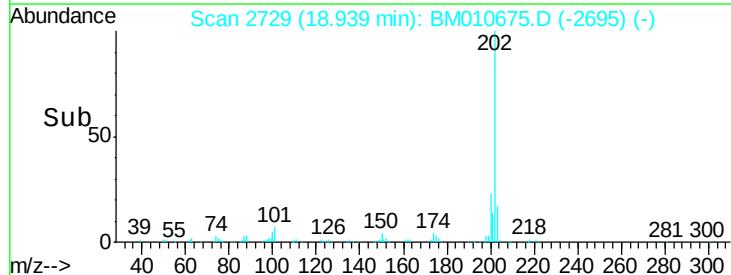
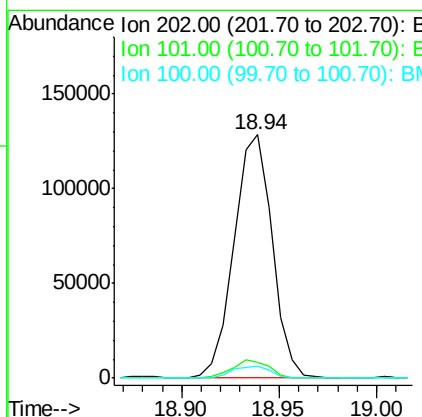
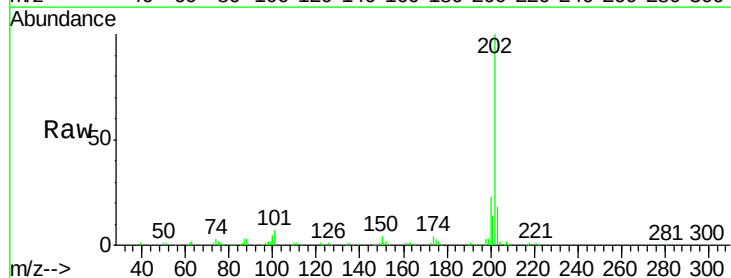
Instrument :
BNA_M
ClientSampleId :
F5D09DL

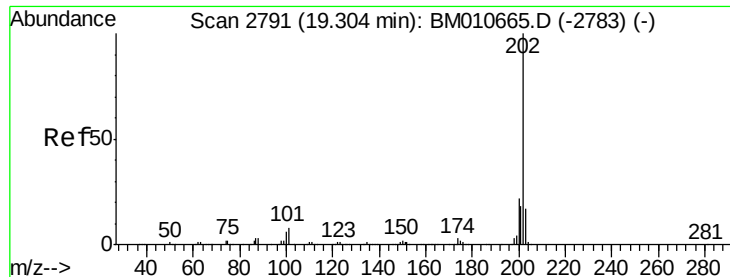
Tgt Ion:163 Resp: 37150
Ion Ratio Lower Upper
163 100
194 2.8 3.5 5.3#
164 12.8 8.2 12.4#



#74
Fluoranthene
Concen: 4.00 ng/ul
RT: 18.94 min Scan# 2729
Delta R.T. 0.00 min
Lab File: BM010675.D
Acq: 23 Jun 2017 00:21

Tgt Ion:202 Resp: 174499
Ion Ratio Lower Upper
202 100
101 6.6 4.6 7.0
100 5.1 3.4 5.2





#77

Pyrene

Concen: 8.54 ng/ul

RT: 19.30 min Scan# 2791

Delta R.T. 0.00 min

Lab File: BM010675.D

Acq: 23 Jun 2017 00:21

Instrument :

BNA_M

ClientSampleId :

F5D09DL

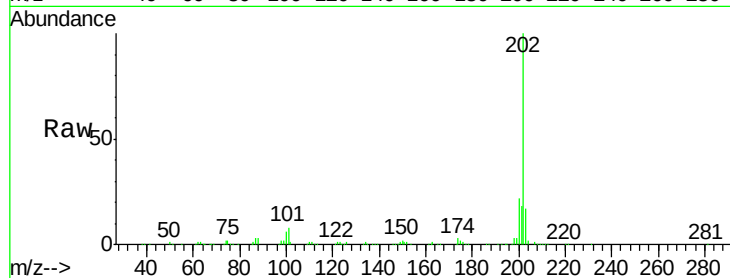
Tgt Ion:202 Resp: 341174

Ion Ratio Lower Upper

202 100

101 7.7 5.1 7.7#

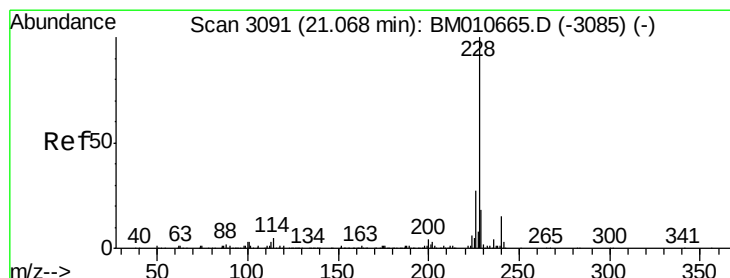
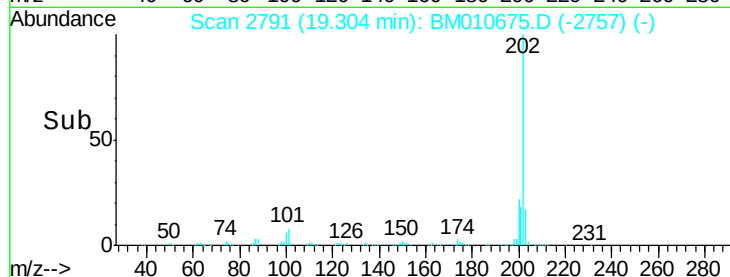
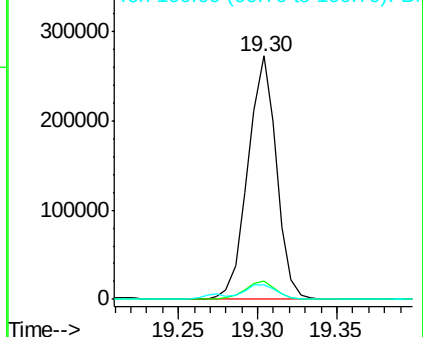
100 6.0 4.9 7.3



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: 4.35 ng/ul

RT: 21.06 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM010675.D

Acq: 23 Jun 2017 00:21

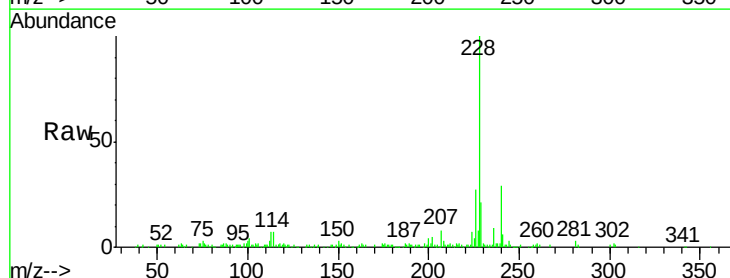
Tgt Ion:228 Resp: 175219

Ion Ratio Lower Upper

228 100

229 20.9 15.4 23.0

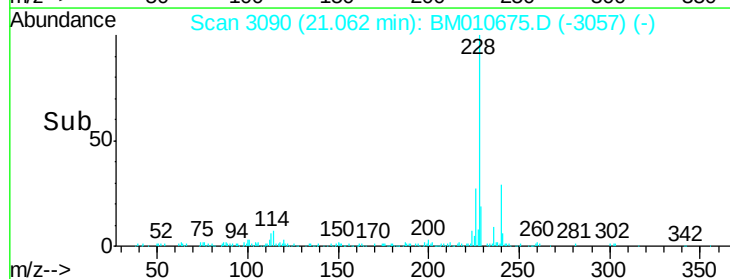
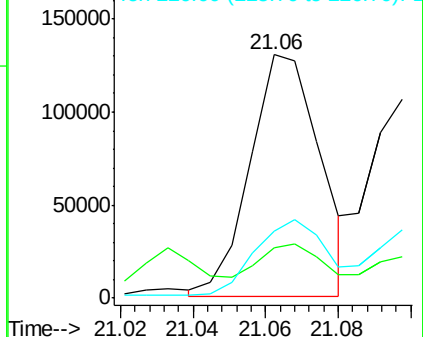
226 27.3 21.4 32.0

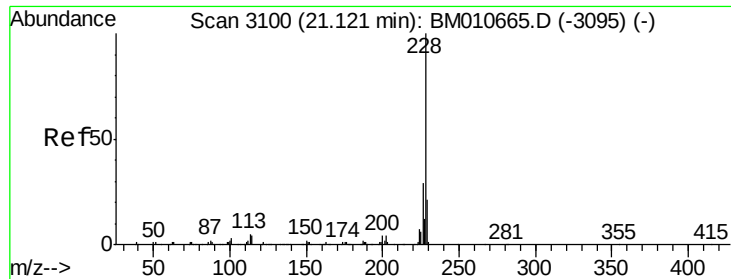


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

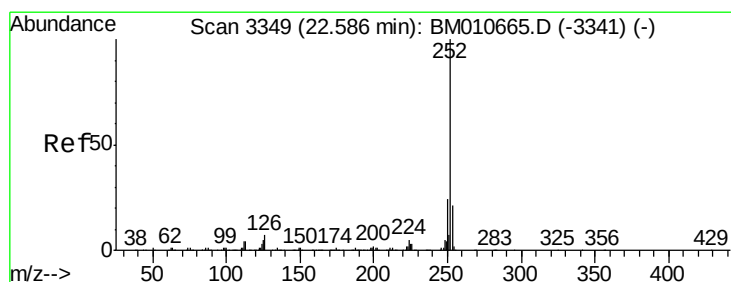
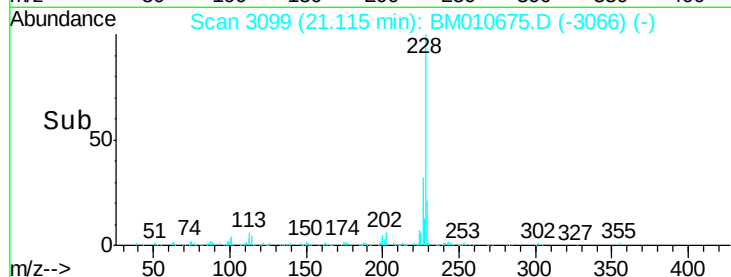
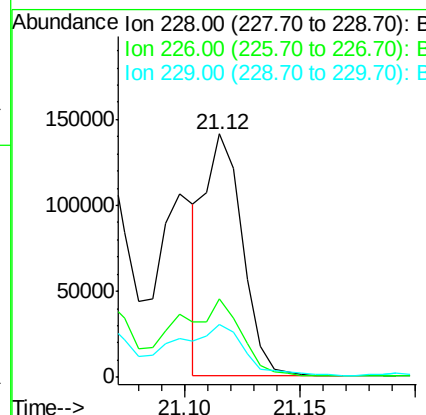
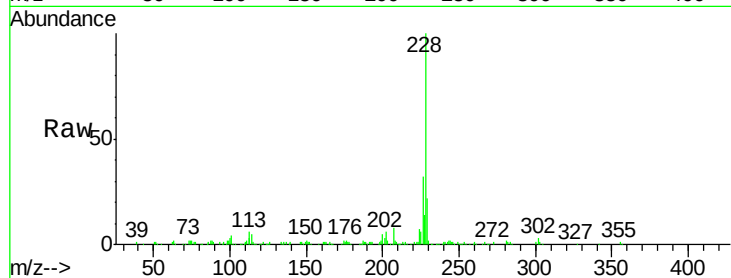




#82
Chrysene
Concen: 4.43 ng/ul
RT: 21.12 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM010675.D
Acq: 23 Jun 2017 00:21

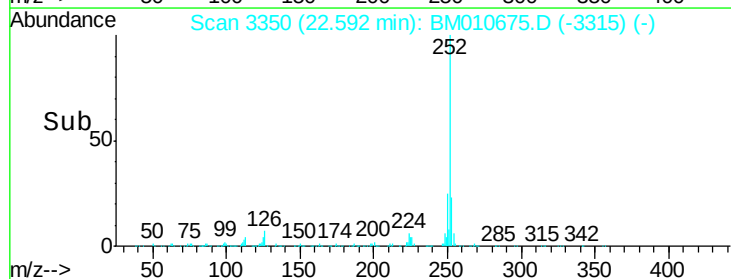
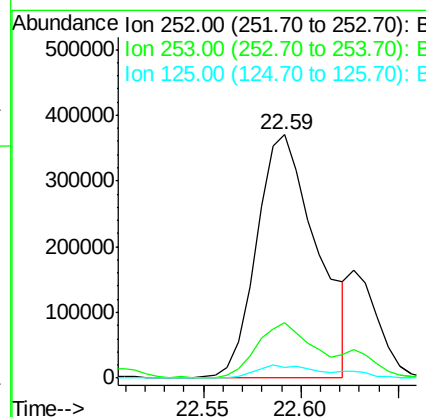
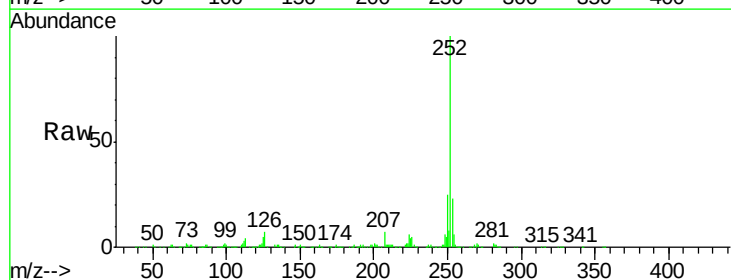
Instrument :
BNA_M
ClientSampleId :
F5D09DL

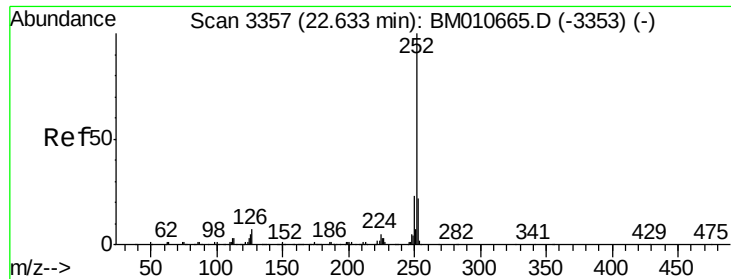
Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.5	23.4	35.2
229	21.6	15.5	23.3



#85
Benzo(b)fluoranthene
Concen: 21.74 ng/ul
RT: 22.59 min Scan# 3350
Delta R.T. 0.01 min
Lab File: BM010675.D
Acq: 23 Jun 2017 00:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	4.6	3.6	5.4





#86

Benzo(k)fluoranthene

Concen: 22.93 ng/ul

RT: 22.59 min Scan# 3350

Delta R.T. -0.04 min

Lab File: BM010675.D

Acq: 23 Jun 2017 00:21

Instrument :

BNA_M

ClientSampleId :

F5D09DL

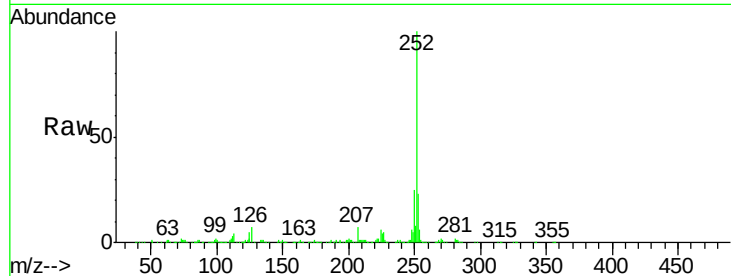
Tgt Ion:252 Resp: 788771

Ion Ratio Lower Upper

252 100

253 23.0 17.1 25.7

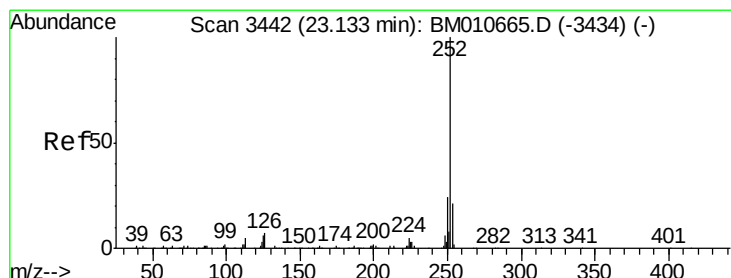
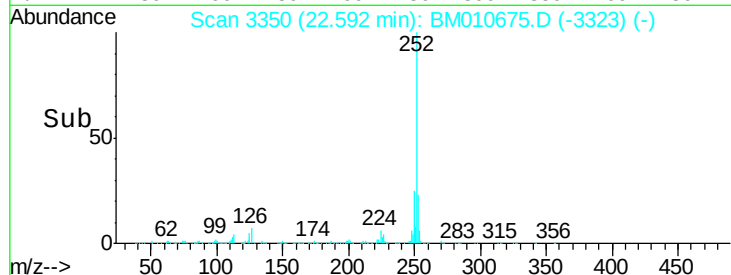
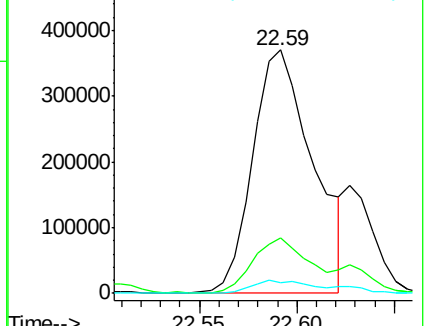
125 4.6 3.4 5.2



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: 3.05 ng/ul

RT: 23.27 min Scan# 3465

Delta R.T. 0.14 min

Lab File: BM010675.D

Acq: 23 Jun 2017 00:21

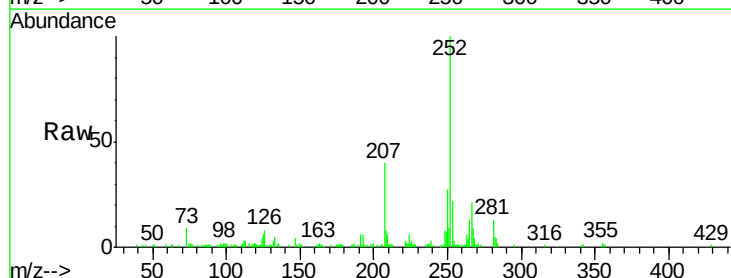
Tgt Ion:252 Resp: 102027

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.2

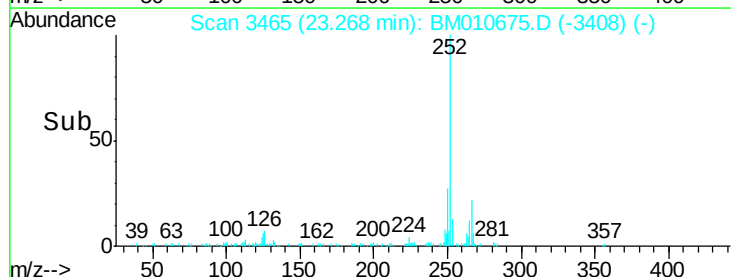
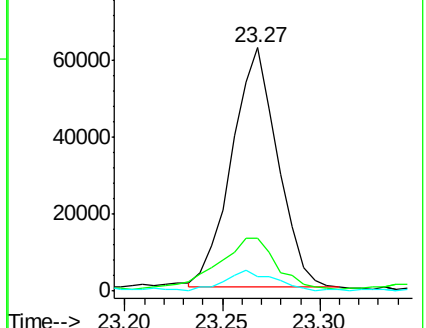
125 5.7 4.0 6.0

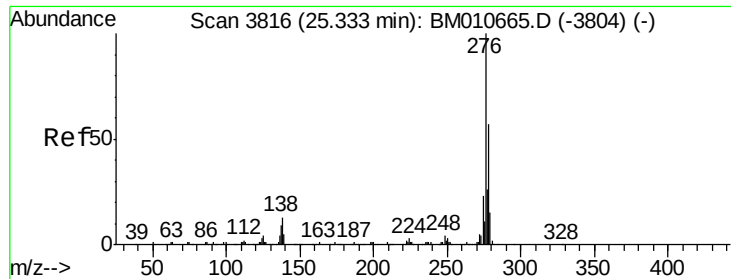


Abundance Ion 252.00 (251.70 to 252.70): E

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: 5.94 ng/ul

RT: 25.33 min Scan# 3815

Delta R.T. -0.01 min

Lab File: BM010675.D

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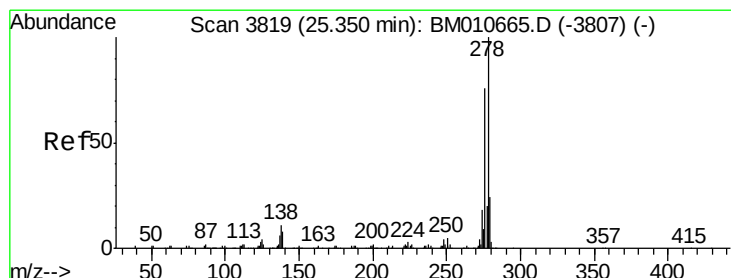
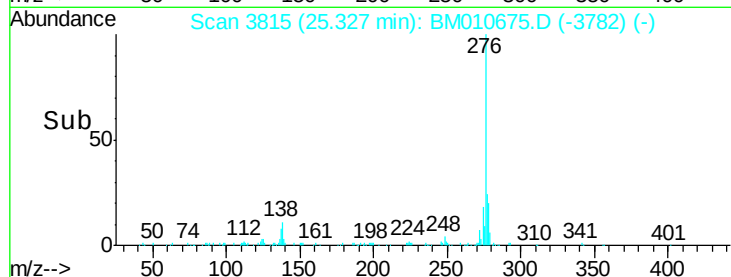
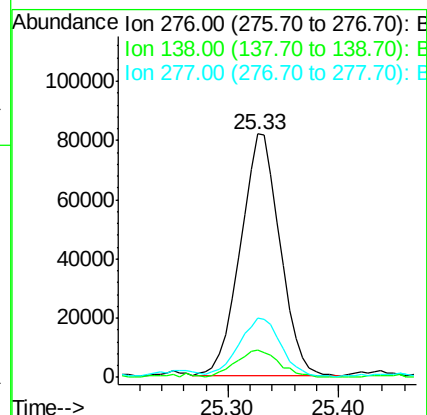
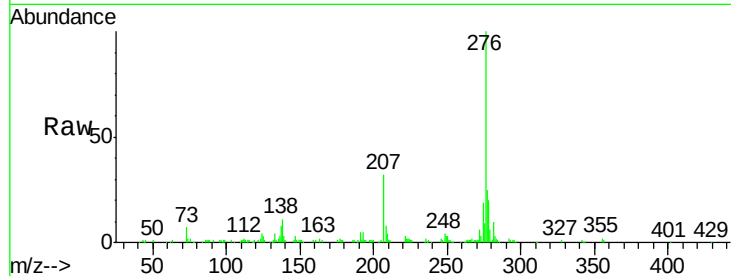
Tgt Ion:276 Resp: 205653

Ion Ratio Lower Upper

276 100

138 11.1 9.3 13.9

277 24.6 19.9 29.9



#90

Dibenzo(a,h)anthracene

Concen: 1.87 ng/ul

RT: 25.34 min Scan# 3817

Delta R.T. -0.01 min

Lab File: BM010675.D

Acq: 23 Jun 2017 00:21

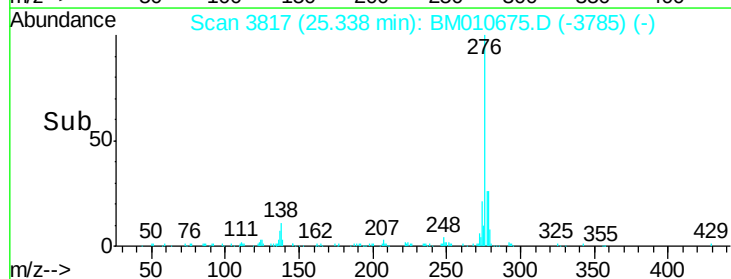
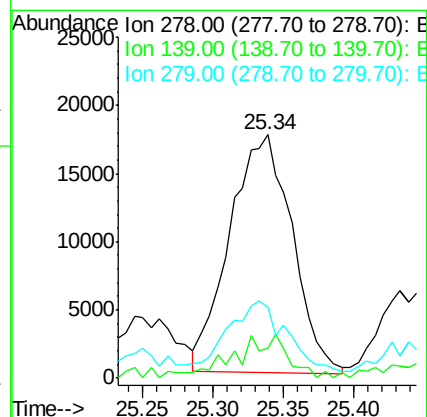
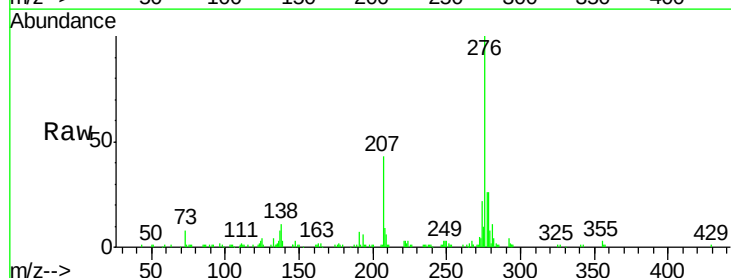
Tgt Ion:278 Resp: 53919

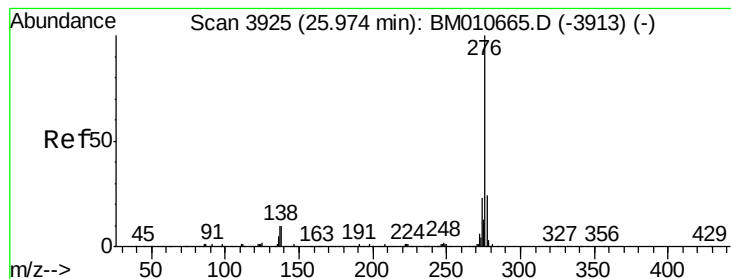
Ion Ratio Lower Upper

278 100

139 12.5 5.8 8.8#

279 29.1 18.6 27.8#





#91

Benzo(g,h,i)perylene

Concen: 5.32 ng/ul

RT: 25.97 min Scan# 3925

Delta R.T. 0.00 min

Lab File: BM010675.D

Acq: 23 Jun 2017 00:21

Instrument :

BNA_M

ClientSampleId :

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Tgt Ion: 276 Resp: 146870

Ion Ratio Lower Upper

276 100

138 12.0 8.5 12.7

277 24.8 18.6 28.0

