

Data File : BM010637.D
Acq On : 21 Jun 2017 23:39
Operator : SJ/JU
Sample : I3625-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5B06

Quant Time: Jun 22 01:41:16 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 22 01:38:18 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	115318	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	523696	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.12	164	368361	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	905875	20.00	ng/ul	0.00
75) Chrysene-d12	21.09	240	1076243	20.00	ng/ul	0.00
83) Perylene-d12	23.23	264	916564	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	5166	2.57	ng/uL	0.00
5) Phenol-d5	6.65	99	154990	14.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	86376	13.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	120317	15.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	132504	14.55	ng/ul	0.00
19) Nitrobenzene-d5	8.61	128	62920	16.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	74514	17.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	147954	16.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	159641	16.72	ng/ul	0.00
43) Dimethylphthalate-d6	13.54	166	553455	17.12	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	625531	16.63	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	76615	13.46	ng/ul	0.00
57) Fluorene-d10	15.12	176	466385	16.69	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	89156	16.02	ng/ul	0.00
70) Anthracene-d10	16.97	188	736418	16.83	ng/ul	0.00
76) Pyrene-d10	19.27	212	885092	17.70	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	723184	16.32	ng/ul	0.00

Target Compounds

						Qvalue
44) Dimethylphthalate	13.58	163	201190	6.35	ng/ul	99
74) Fluoranthene	18.94	202	119536	1.93	ng/ul	98
77) Pyrene	19.30	202	175741	2.83	ng/ul	98
80) Benzo(a)anthracene	21.07	228	98293	1.57	ng/ul	93
82) Chrysene	21.07	228	98490	1.76	ng/ul	96
85) Benzo(b)fluoranthene	22.59	252	295725	4.97	ng/ul#	96
86) Benzo(k)fluoranthene	22.59	252	295725	5.24	ng/ul#	94
88) Benzo(a)pyrene	23.13	252	120802	2.21	ng/ul	95
89) Indeno(1,2,3-cd)pyrene	25.33	276	75528	1.33	ng/ul	96
91) Benzo(g,h,i)perylene	25.97	276	54502	1.21	ng/ul	99

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

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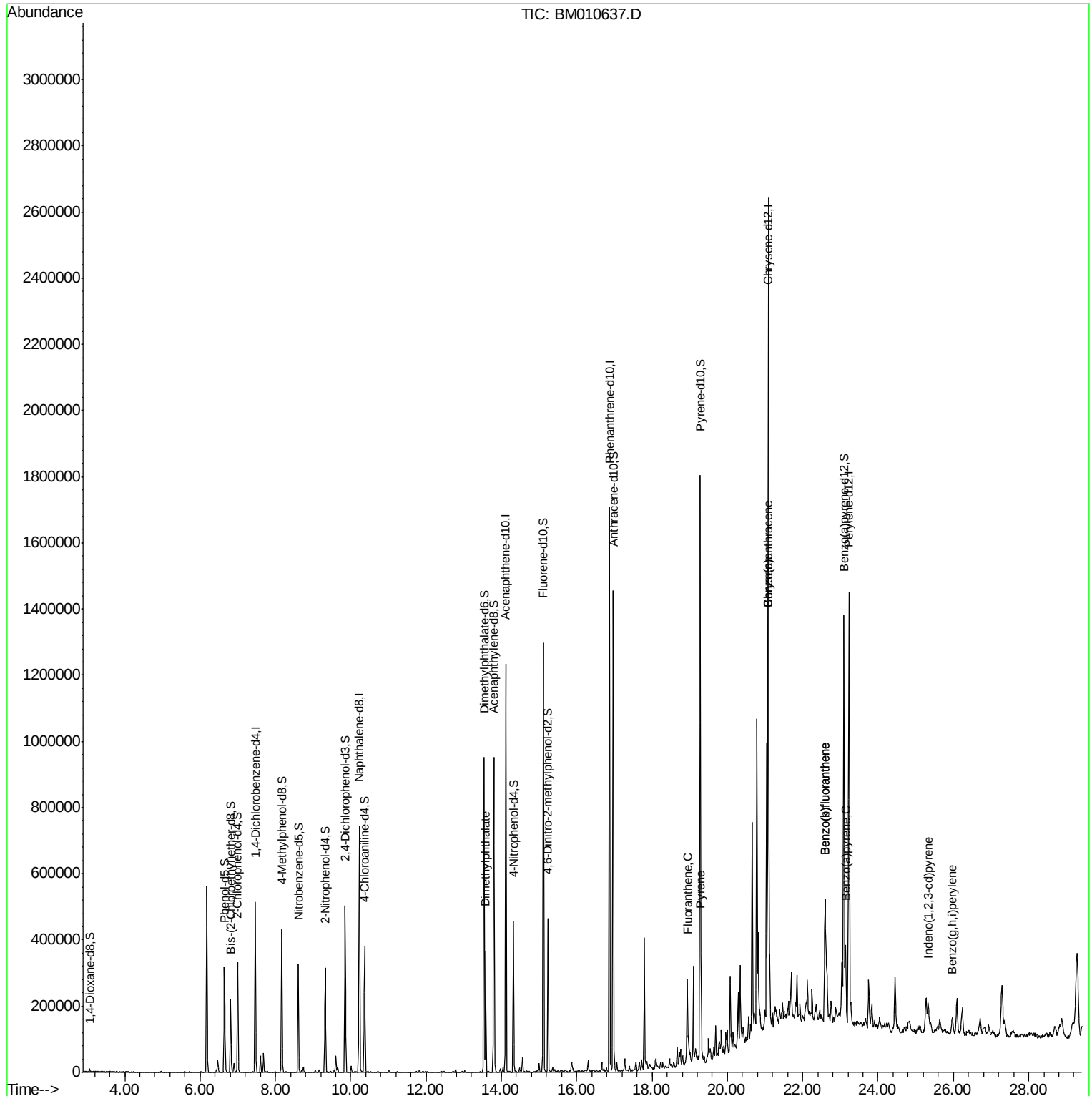
Quant Time: Jun 22 01:41:16 2017

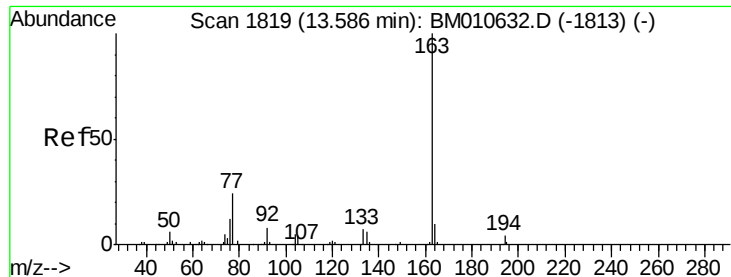
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Jun 22 01:38:18 2017

Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 6.35 ng/ul

RT: 13.58 min Scan# 1818

Delta R.T. -0.01 min

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ClientSampleId :

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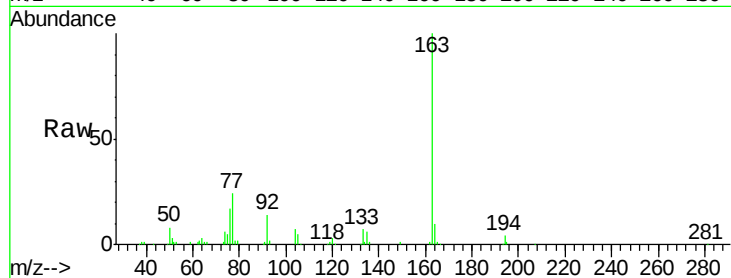
Tgt Ion:163 Resp: 201190

Ion Ratio Lower Upper

163 100

194 4.0 3.5 5.3

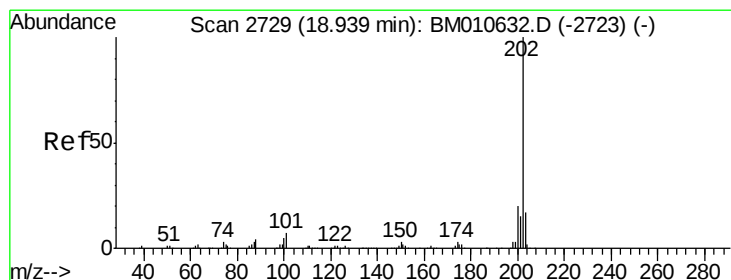
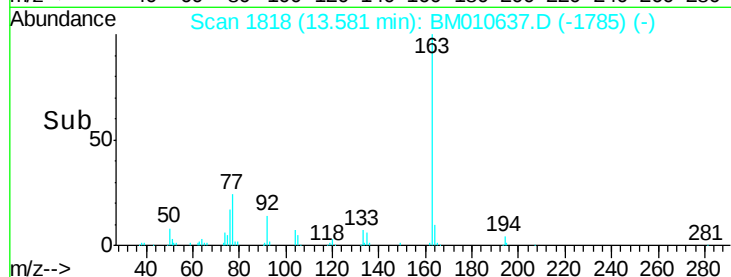
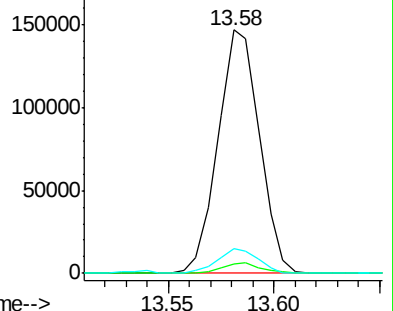
164 10.1 8.2 12.4



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: 1.93 ng/ul

RT: 18.94 min Scan# 2729

Delta R.T. 0.00 min

Lab File: BM010637.D

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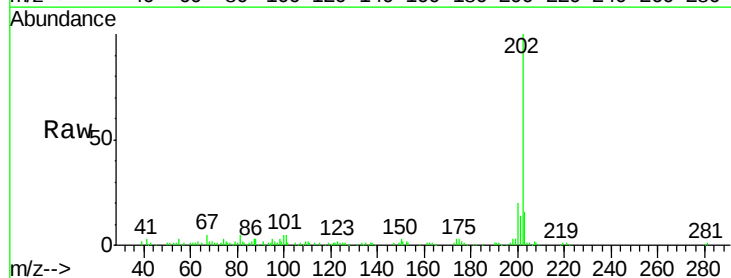
Tgt Ion:202 Resp: 119536

Ion Ratio Lower Upper

202 100

101 6.4 4.6 7.0

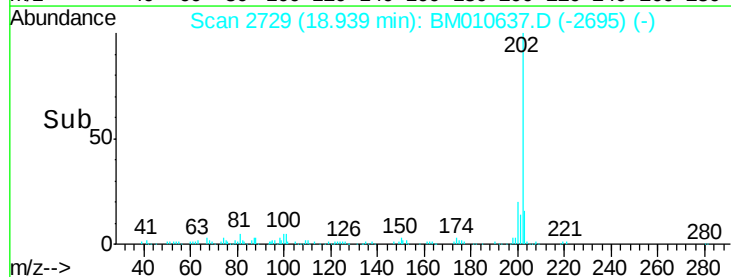
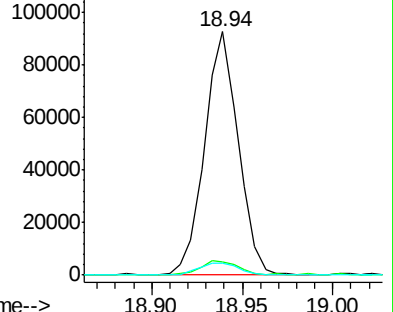
100 4.8 3.4 5.2

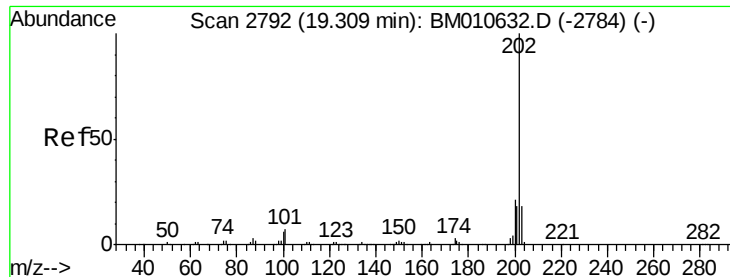


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 2.83 ng/ul

RT: 19.30 min Scan# 2791

Delta R.T. -0.01 min

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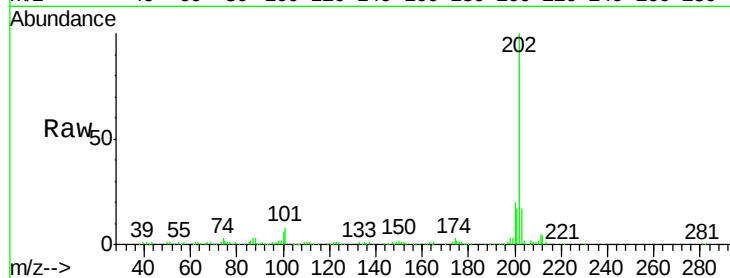
Tgt Ion:202 Resp: 175741

Ion Ratio Lower Upper

202 100

101 7.6 5.1 7.7

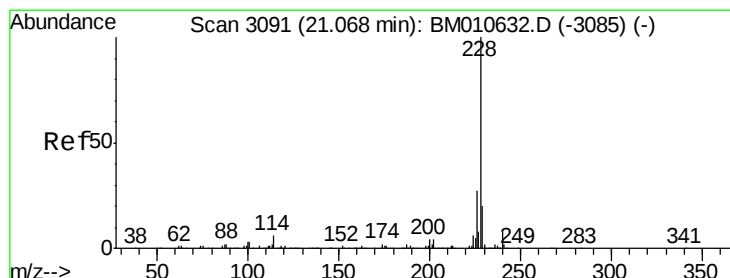
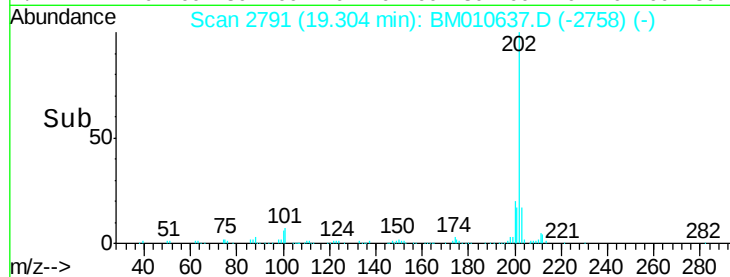
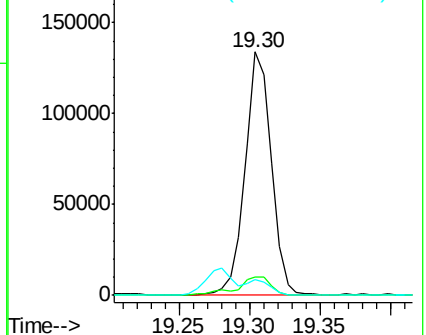
100 6.4 4.9 7.3



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: 1.57 ng/ul

RT: 21.07 min Scan# 3091

Delta R.T. 0.00 min

Lab File: BM010637.D

Acq: 21 Jun 2017 23:39

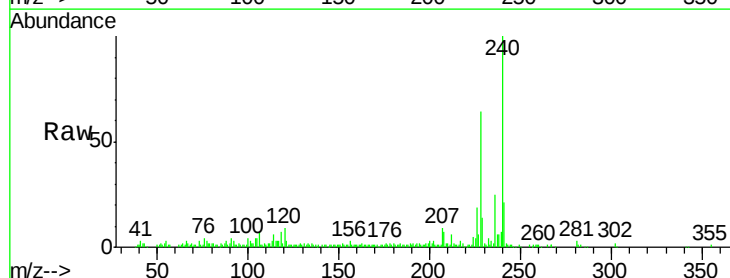
Tgt Ion:228 Resp: 98293

Ion Ratio Lower Upper

228 100

229 22.1 15.4 23.0

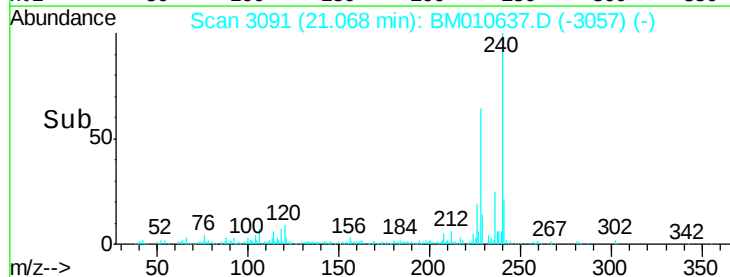
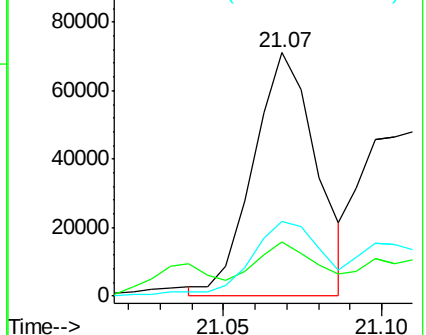
226 30.4 21.4 32.0

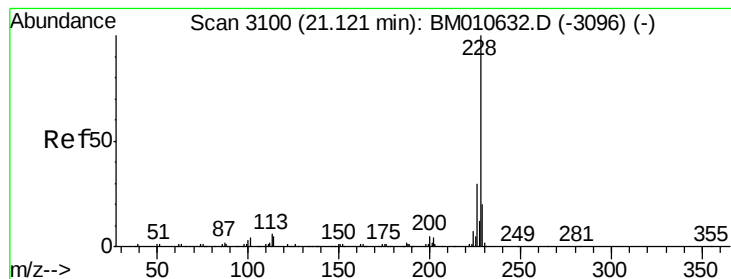


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 1.76 ng/ul

RT: 21.07 min Scan# 3091

Delta R.T. -0.05 min

Lab File: BM010637.D

Acq: 21 Jun 2017 23:39

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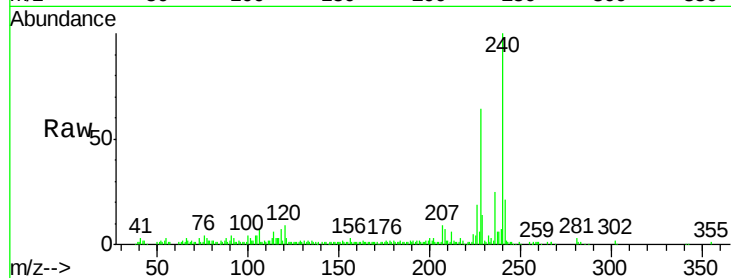
Tgt Ion:228 Resp: 98490

Ion Ratio Lower Upper

228 100

226 30.4 23.4 35.2

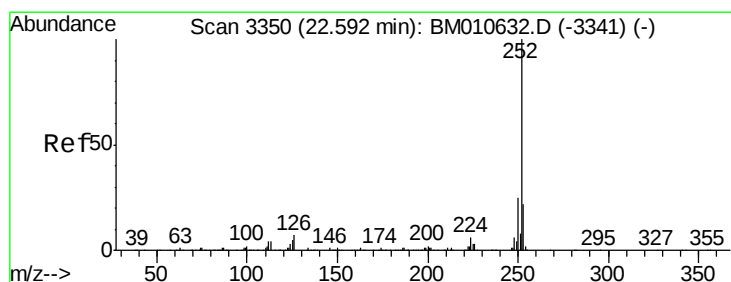
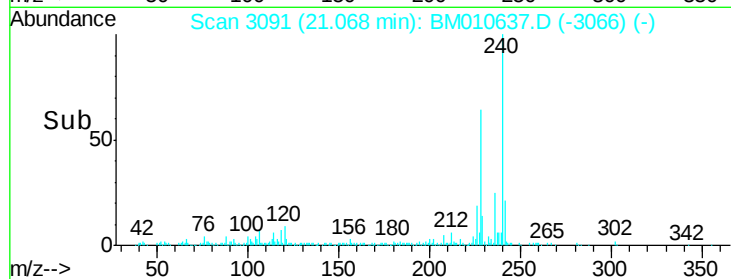
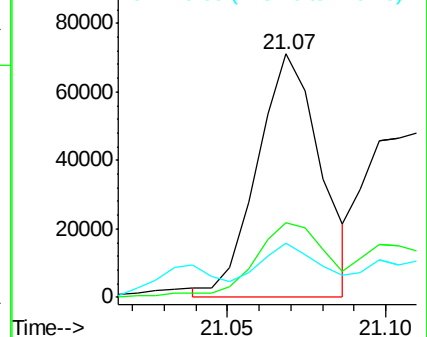
229 22.1 15.5 23.3



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: 4.97 ng/ul

RT: 22.59 min Scan# 3350

Delta R.T. 0.00 min

Lab File: BM010637.D

Acq: 21 Jun 2017 23:39

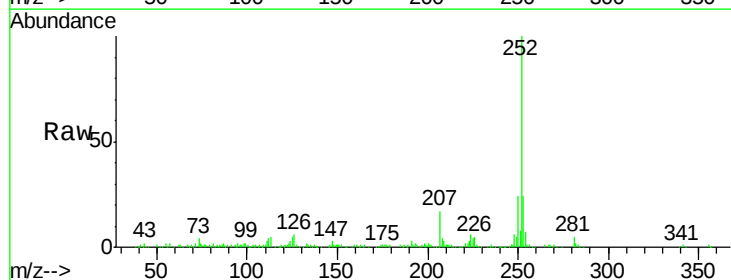
Tgt Ion:252 Resp: 295725

Ion Ratio Lower Upper

252 100

253 24.4 17.9 26.9

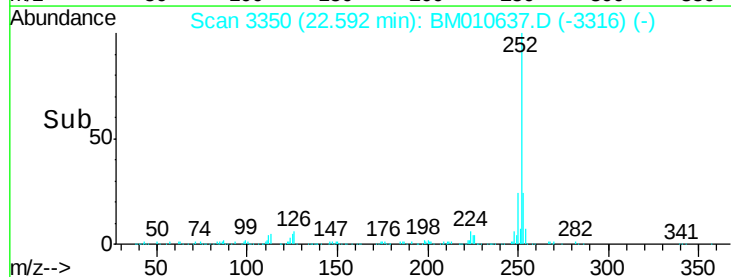
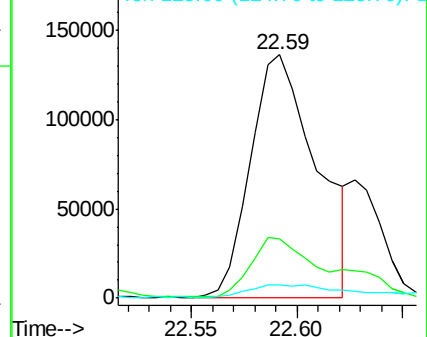
125 5.5 3.6 5.4#

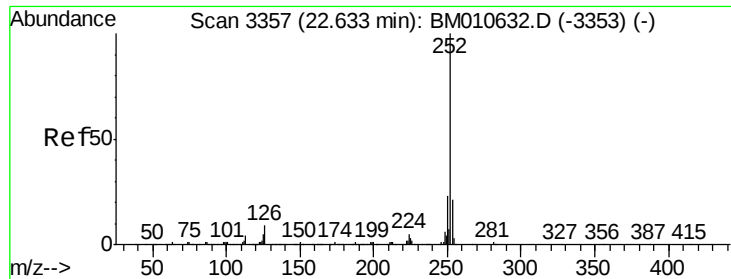


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

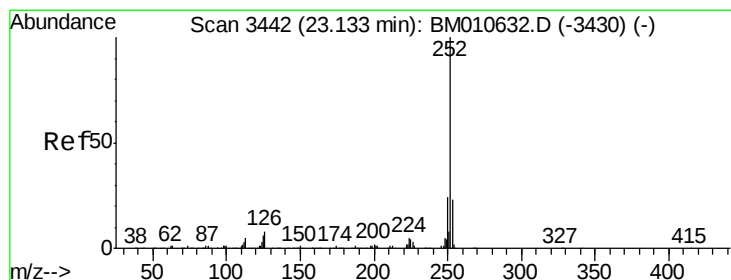
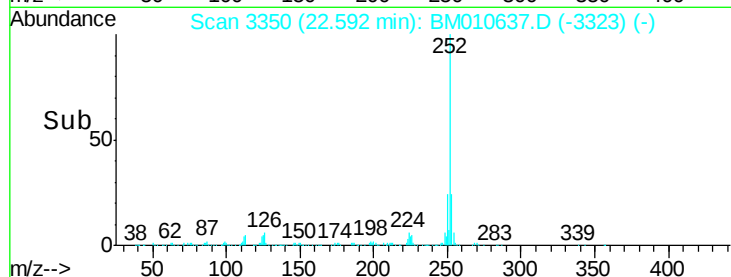
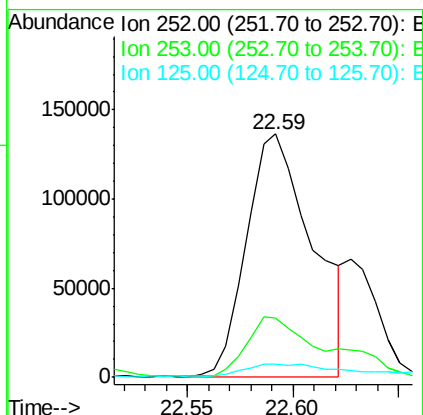
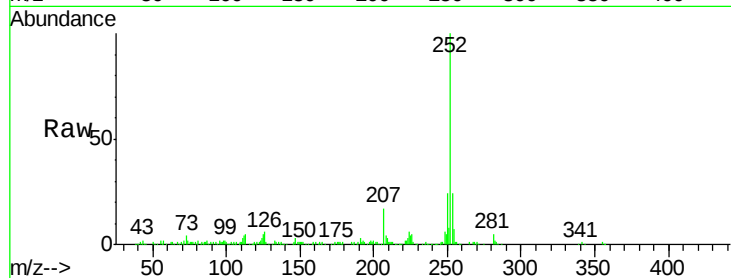




#86
Benzo(k)fluoranthene
Concen: 5.24 ng/ul
RT: 22.59 min Scan# 3350
Delta R.T. -0.04 min
Lab File: BM010637.D
Acq: 21 Jun 2017 23:39

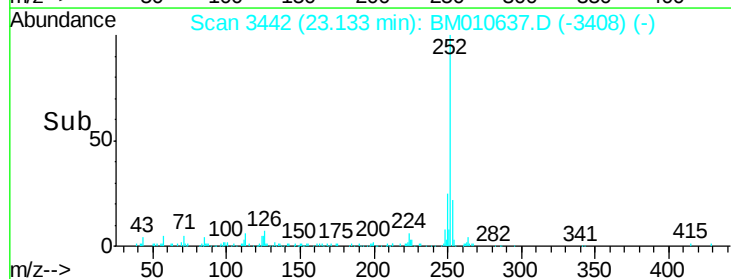
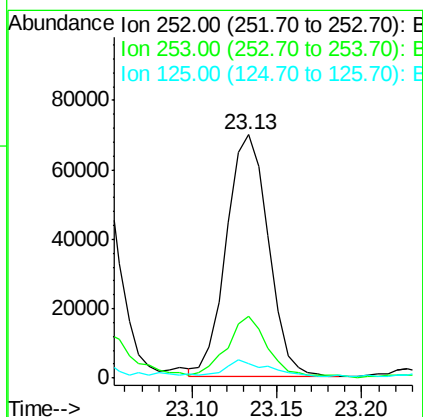
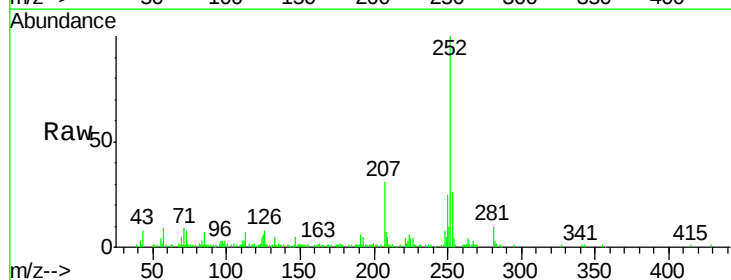
Instrument :
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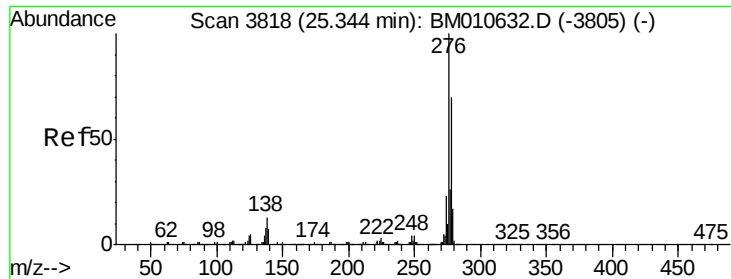
Tgt Ion:252 Resp: 295725
Ion Ratio Lower Upper
252 100
253 24.4 17.1 25.7
125 5.5 3.4 5.2#



#88
Benzo(a)pyrene
Concen: 2.21 ng/ul
RT: 23.13 min Scan# 3442
Delta R.T. 0.00 min
Lab File: BM010637.D
Acq: 21 Jun 2017 23:39

Tgt Ion:252 Resp: 120802
Ion Ratio Lower Upper
252 100
253 25.6 18.2 27.2
125 5.7 4.0 6.0

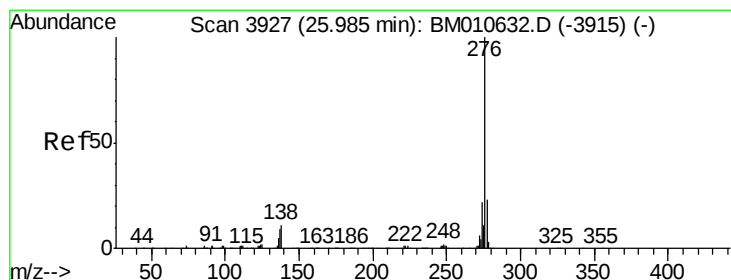
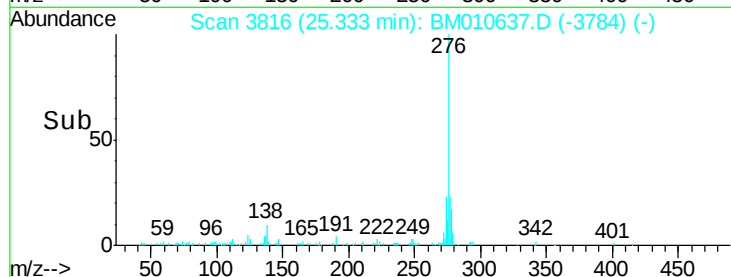
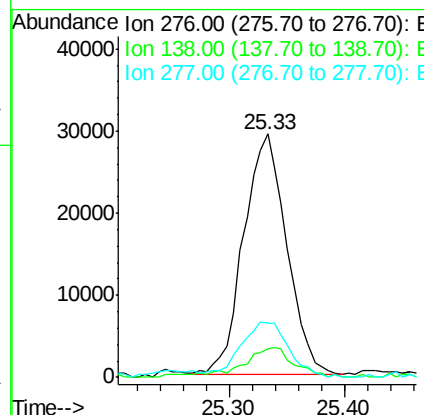
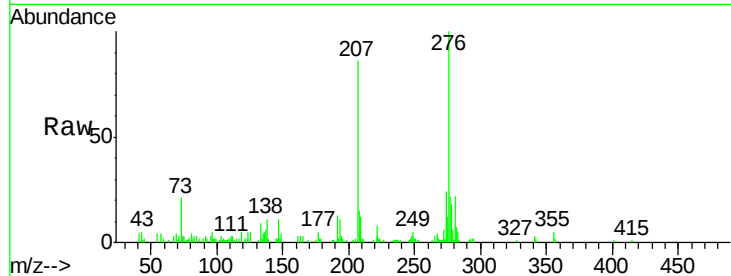




#89
 Indeno(1,2,3-cd)pyrene
 Concen: 1.33 ng/ul
 RT: 25.33 min Scan# 3816
 Delta R.T. -0.01 min
 Lab File: BM010637.D
 Acq: 21 Jun 2017 23:39

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion: 276 Resp: 75528
 Ion Ratio Lower Upper
 276 100
 138 11.5 9.3 13.9
 277 22.3 19.9 29.9



#91
 Benzo(g,h,i)perylene
 Concen: 1.21 ng/ul
 RT: 25.97 min Scan# 3924
 Delta R.T. -0.02 min
 Lab File: BM010637.D
 Acq: 21 Jun 2017 23:39

Tgt Ion: 276 Resp: 54502
 Ion Ratio Lower Upper
 276 100
 138 11.9 8.5 12.7
 277 23.6 18.6 28.0

