

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020118\
 Data File : BM014094.D
 Acq On : 02 Feb 2018 03:32
 Operator : SJ/JU
 Sample : J1314-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 02 06:01:51 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 02 03:15:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	99912	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	409196	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.21	164	274105	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	722292	20.00	ng/ul	0.00
75) Chrysene-d12	21.17	240	812618	20.00	ng/ul	0.00
83) Perylene-d12	23.35	264	800627	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	8443	3.88	ng/uL	0.00
5) Phenol-d5	6.75	99	158121	21.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	99084	21.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	138291	23.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	120780	19.21	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	70631	23.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	76608	23.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	141368	20.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	106158	17.81	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	571391	25.12	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	704607	25.53	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	51209	16.34	ng/ul	0.01
57) Fluorene-d10	15.21	176	527546	25.91	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	79788	17.99	ng/ul	0.00
70) Anthracene-d10	17.07	188	921398	26.27	ng/ul	0.00
76) Pyrene-d10	19.37	212	1108144	28.32	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.21	264	1040759	26.49	ng/ul	0.00

Target Compounds

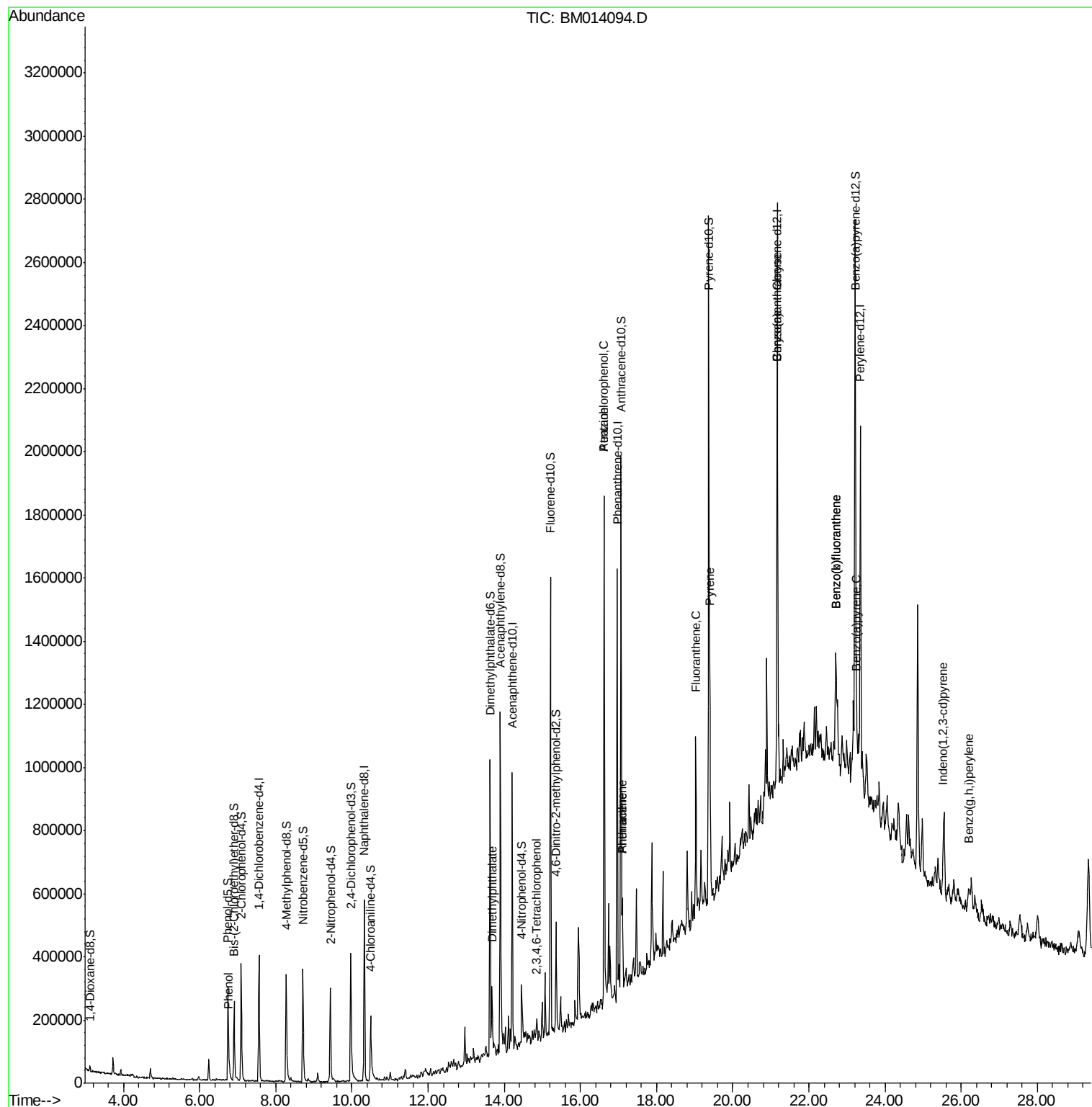
					Ovalue	
6) Phenol	6.77	94	13684	1.821	ng/ul#	71
44) Dimethylphthalate	13.68	163	108906	4.966	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	14.86	232	7946	1.316	ng/ul#	90
67) Atrazine	16.62	200	37185	4.443	ng/ul#	43
68) Pentachlorophenol	16.62	266	264255	55.875	ng/ul	100
69) Phenanthrene	17.10	178	171974	4.235	ng/ul	99
71) Anthracene	17.10	178	171974	4.180	ng/ul	100
74) Fluoranthene	19.03	202	317299	6.280	ng/ul#	94
77) Pyrene	19.40	202	381266	7.863	ng/ul#	95
80) Benzo(a)anthracene	21.16	228	103322	2.041	ng/ul	97
82) Chrysene	21.16	228	102689	2.158	ng/ul	94
85) Benzo(b)fluoranthene	22.71	252	278083	5.504	ng/ul#	94
86) Benzo(k)fluoranthene	22.71	252	278083	5.599	ng/ul#	92
88) Benzo(a)pyrene	23.26	252	69909	1.468	ng/ul#	91
89) Indeno(1,2,3-cd)pyrene	25.53	276	97921	1.877	ng/ul	96
91) Benzo(g,h,i)perylene	26.19	276	98530	2.284	ng/ul	97

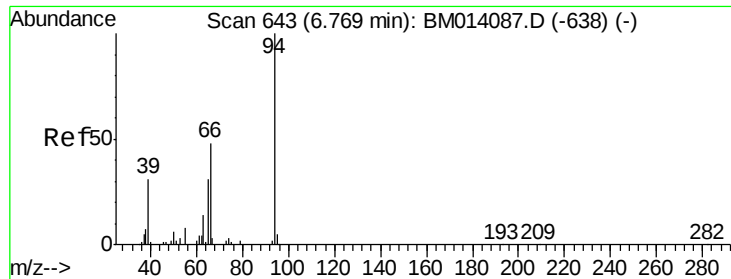
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 1.821 ng/ul

RT: 6.77 min Scan# 644

Delta R.T. 0.01 min

Lab File: BM014094.D

Acq: 02 Feb 2018 03:32

Instrument :

BNA_M

ClientSampleId :

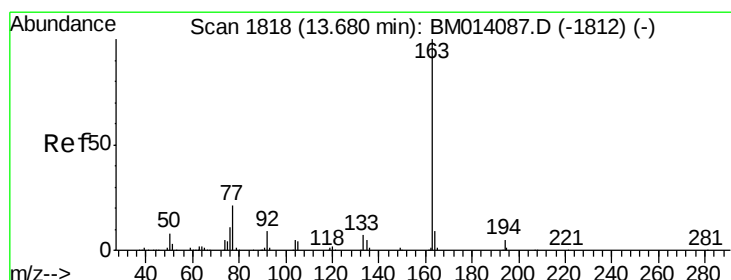
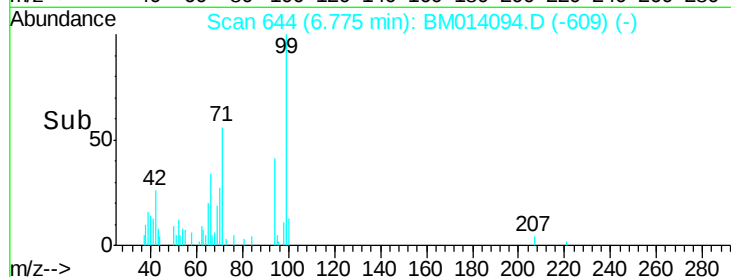
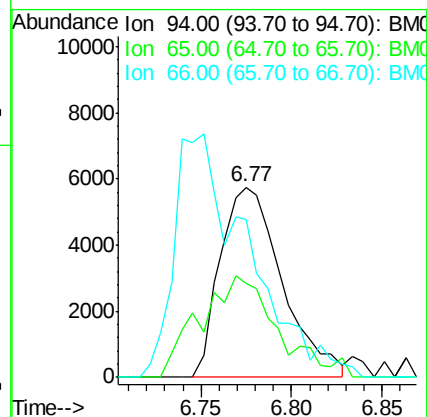
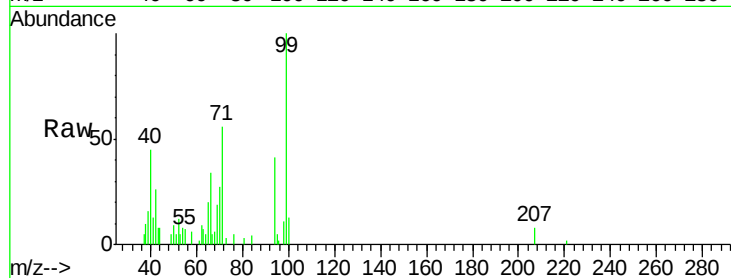
Tot Ion: 94 Resp: 13684

Ion Ratio Lower Upper

94 100

65 49.1 28.2 42.4#

66 83.4 47.2 70.8#



#44

Dimethylphthalate

Concen: 4.966 ng/ul

RT: 13.68 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BM014094.D

Acq: 02 Feb 2018 03:32

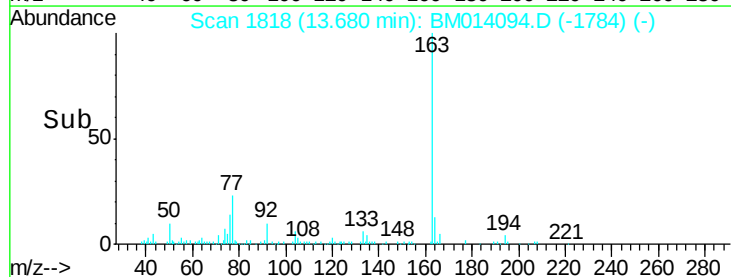
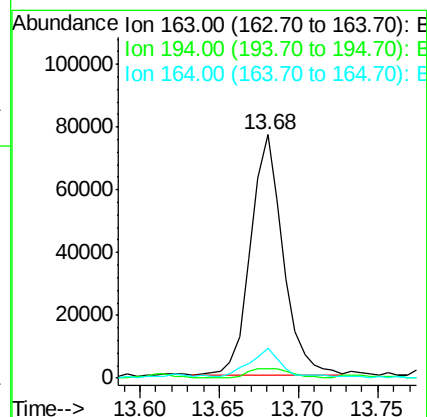
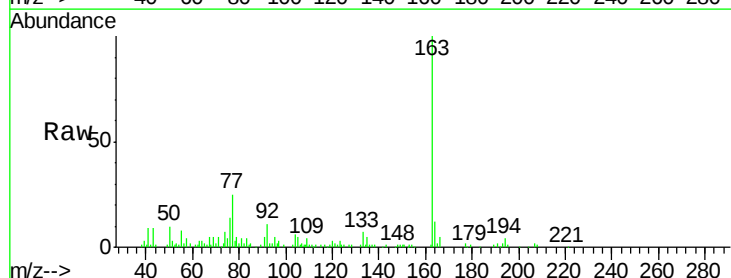
Tgt Ion:163 Resp: 108906

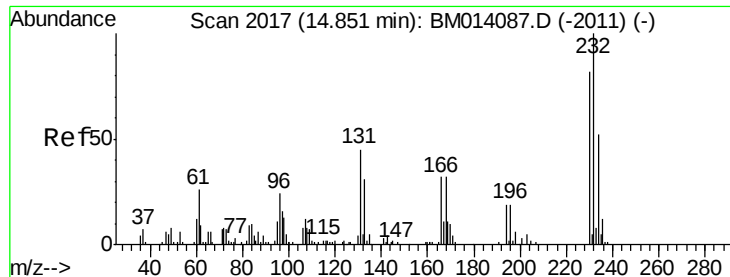
Ion Ratio Lower Upper

163 100

194 3.8 3.5 5.3

164 12.2 8.2 12.4





#55

2,3,4,6-Tetrachlorophenol

Concen: 1.316 ng/ul

RT: 14.86 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BM014094.D

Acq: 02 Feb 2018 03:32

Instrument :

BNA_M

ClientSampleId :

Tot Ion:232 Resp: 7946

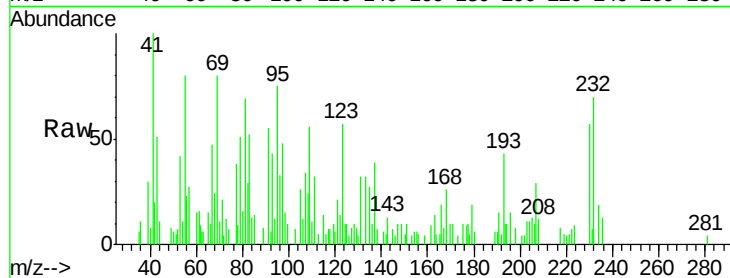
Ion Ratio Lower Upper

232 100

131 46.1 29.0 43.4#

130 6.4 2.0 3.0#

166 27.2 21.4 32.2

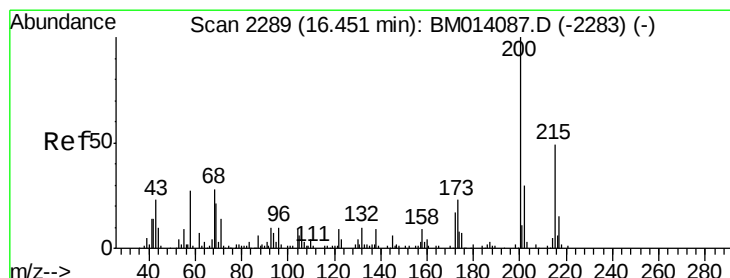
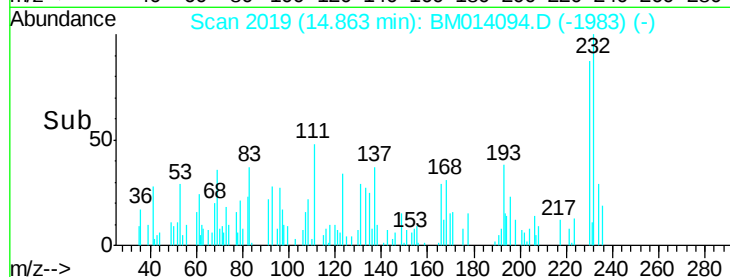
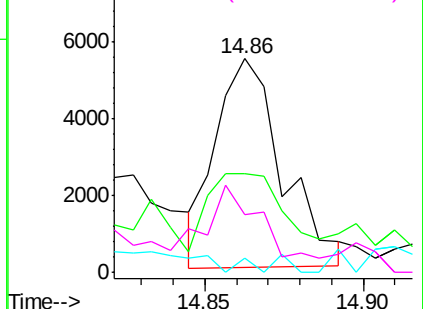


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#67

Atrazine

Concen: 4.443 ng/ul

RT: 16.62 min Scan# 2318

Delta R.T. 0.17 min

Lab File: BM014094.D

Acq: 02 Feb 2018 03:32

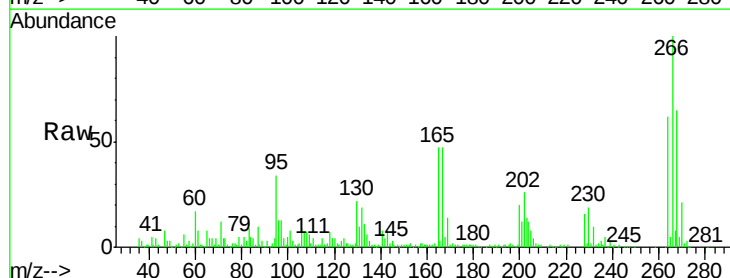
Tgt Ion:200 Resp: 37185

Ion Ratio Lower Upper

200 100

173 2.8 18.2 27.2#

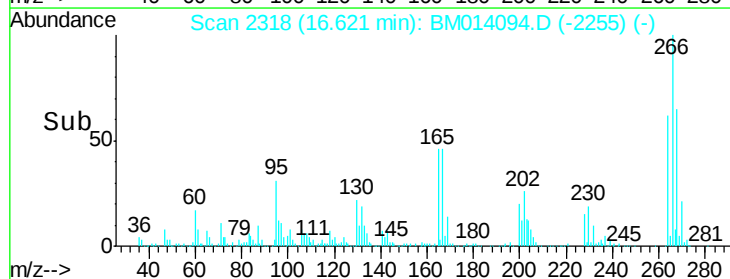
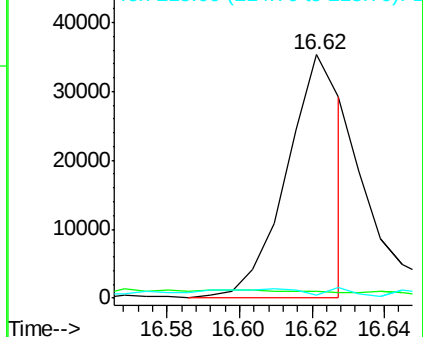
215 1.2 35.0 52.4#

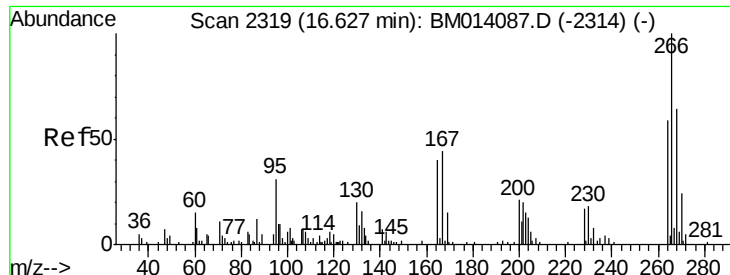


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

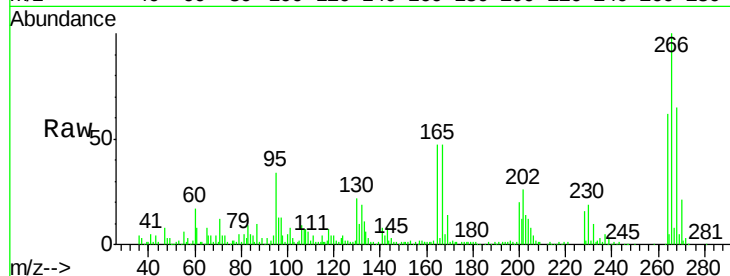




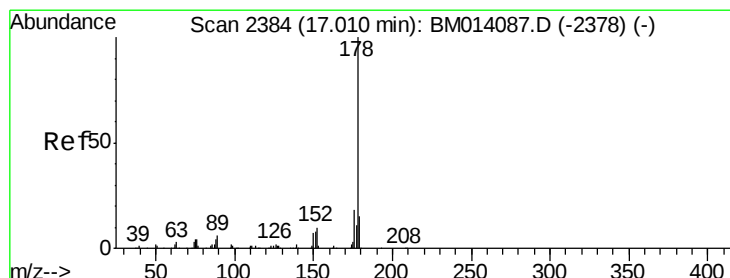
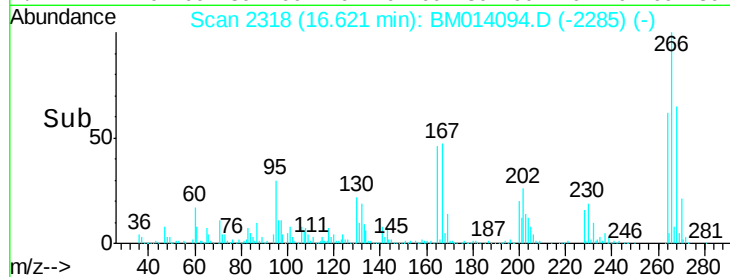
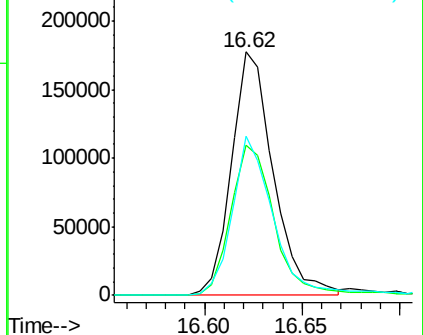
#68
 Pentachlorophenol
 Concen: 55.875 ng/ul
 RT: 16.62 min Scan# 2318
 Delta R.T. -0.01 min
 Lab File: BM014094.D
 Acq: 02 Feb 2018 03:32

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
264	61.7	49.3	73.9
268	65.3	52.6	78.8

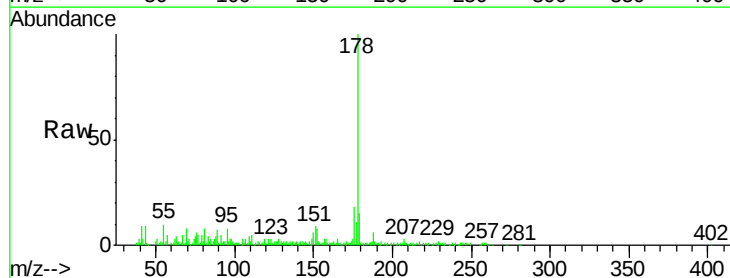


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

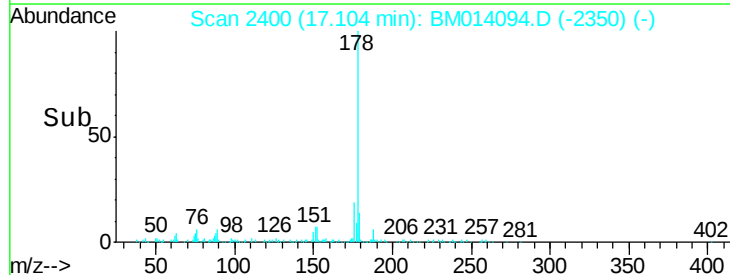
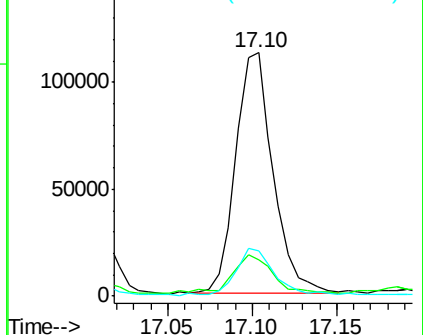


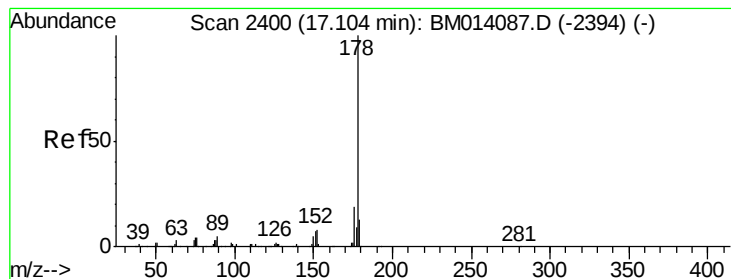
#69
 Phenanthrene
 Concen: 4.235 ng/ul
 RT: 17.10 min Scan# 2400
 Delta R.T. 0.09 min
 Lab File: BM014094.D
 Acq: 02 Feb 2018 03:32

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.6	19.0
176	18.4	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: 4.180 ng/ul

RT: 17.10 min Scan# 2400

Delta R.T. -0.00 min

Lab File: BM014094.D

Acq: 02 Feb 2018 03:32

Instrument :

BNA_M

ClientSampled :

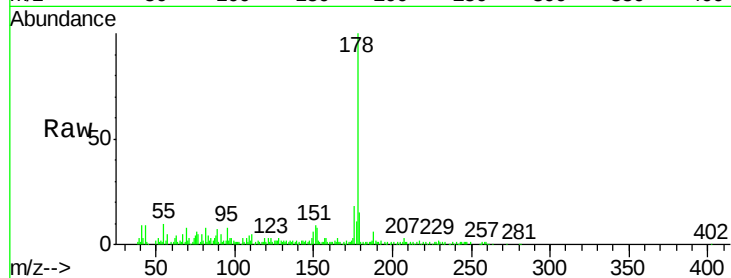
Tot Ion:178 Resp: 171974

Ion Ratio Lower Upper

178 100

179 14.8 11.7 17.5

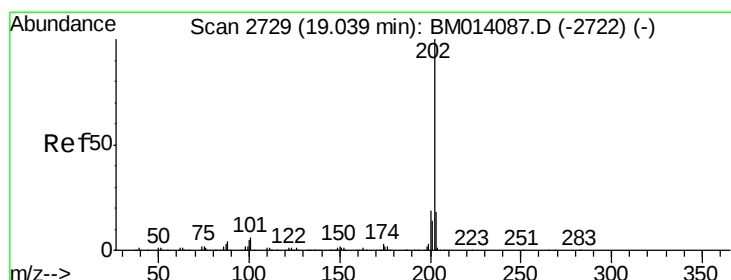
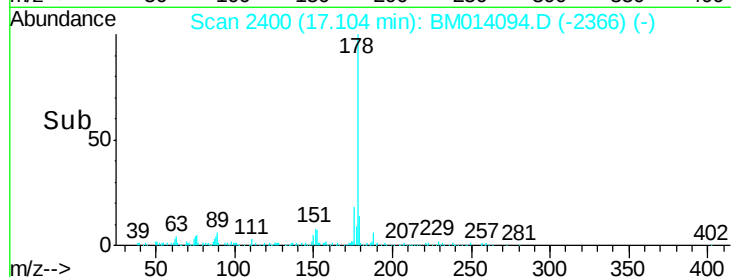
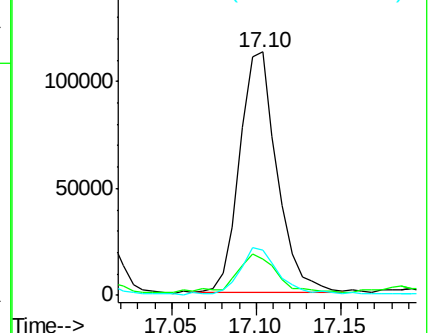
176 18.4 14.6 21.8



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: 6.280 ng/ul

RT: 19.03 min Scan# 2728

Delta R.T. -0.01 min

Lab File: BM014094.D

Acq: 02 Feb 2018 03:32

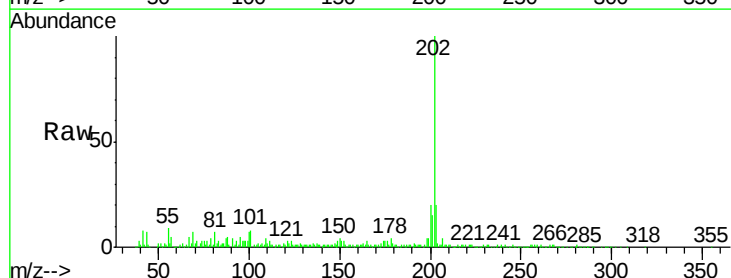
Tgt Ion:202 Resp: 317299

Ion Ratio Lower Upper

202 100

101 7.8 4.6 7.0#

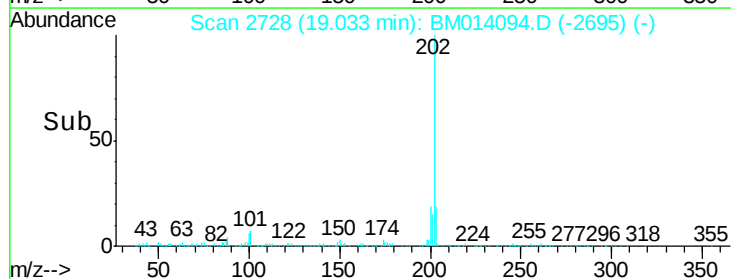
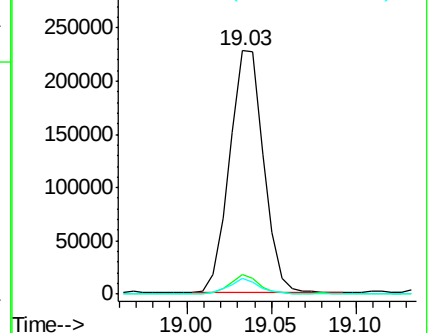
100 6.5 3.4 5.2#

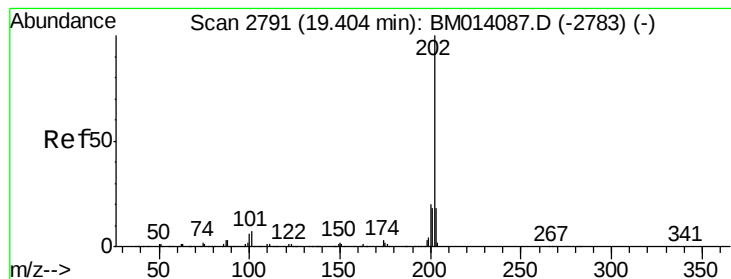


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 7.863 ng/ul

RT: 19.40 min Scan# 2790

Delta R.T. -0.01 min

Lab File: BM014094.D

Acq: 02 Feb 2018 03:32

Instrument :

BNA_M

ClientSampleId :

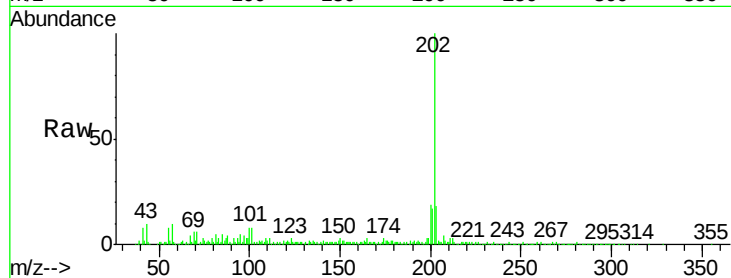
Tot Ion:202 Resp: 381266

Ion Ratio Lower Upper

202 100

101 7.9 5.1 7.7#

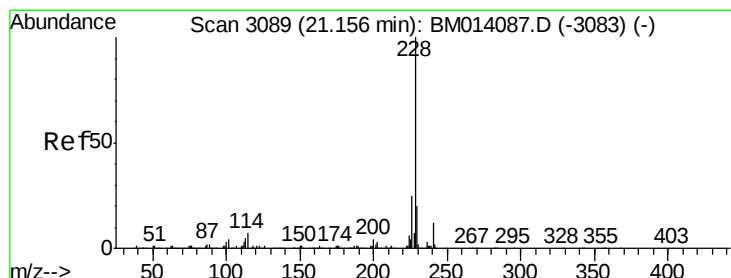
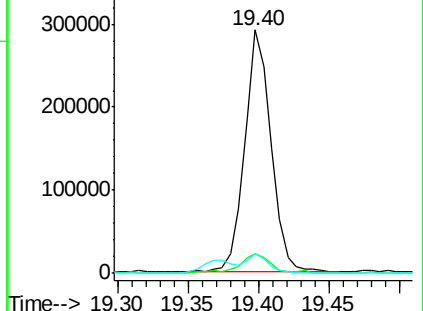
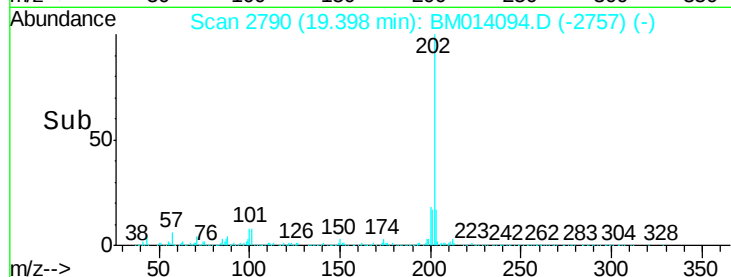
100 7.8 4.9 7.3#



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: 2.041 ng/ul

RT: 21.16 min Scan# 3089

Delta R.T. -0.00 min

Lab File: BM014094.D

Acq: 02 Feb 2018 03:32

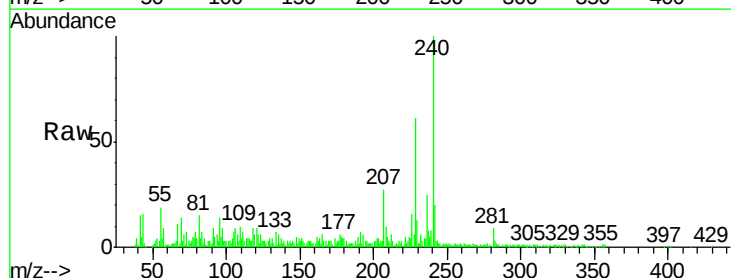
Tgt Ion:228 Resp: 103322

Ion Ratio Lower Upper

228 100

229 21.9 15.4 23.0

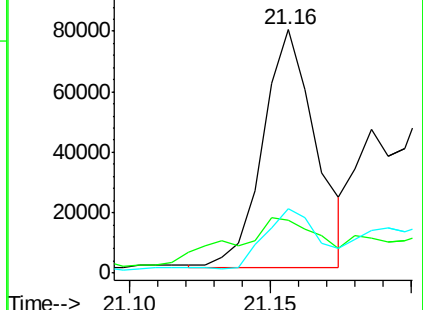
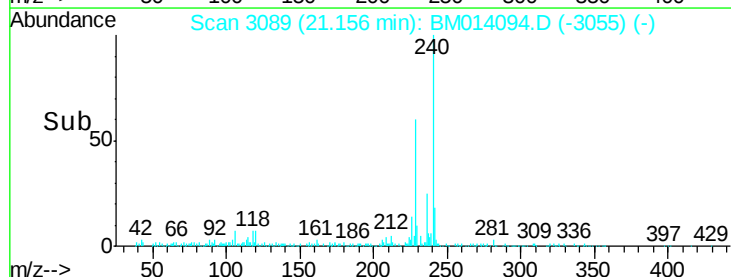
226 26.3 21.4 32.0

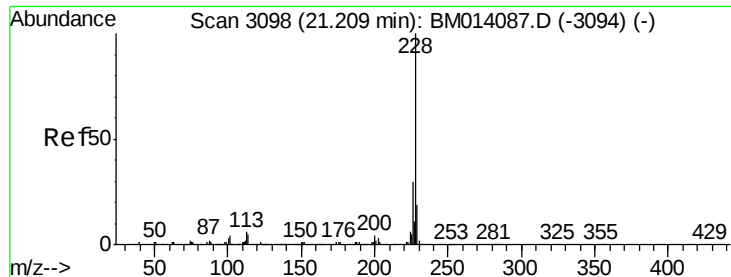


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 2.158 ng/ul

RT: 21.16 min Scan# 3089

Delta R.T. -0.05 min

Lab File: BM014094.D

Acq: 02 Feb 2018 03:32

Instrument :

BNA_M

ClientSampleId :

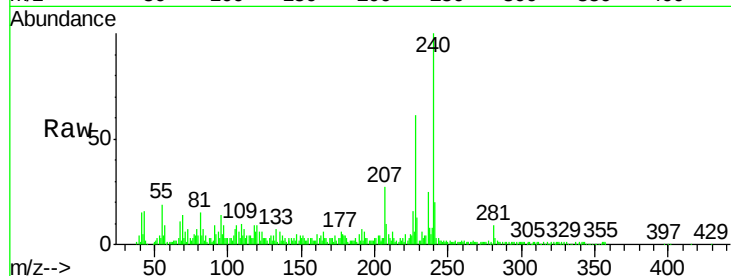
Tot Ion:228 Resp: 102689

Ion Ratio Lower Upper

228 100

226 26.3 23.4 35.2

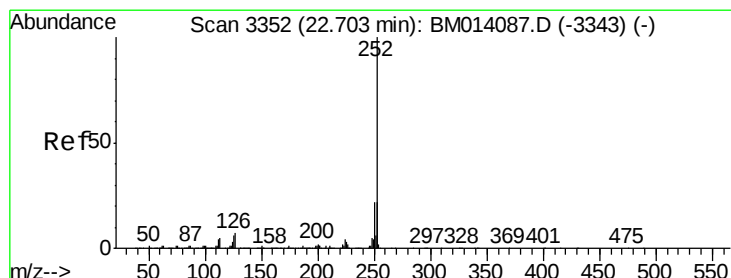
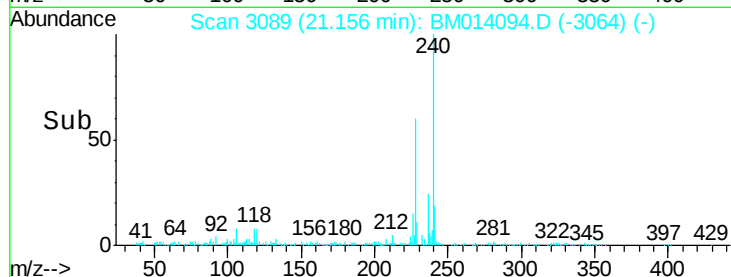
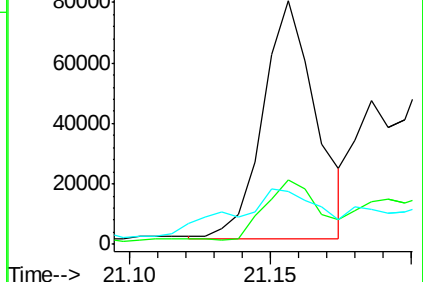
229 21.9 15.5 23.3



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: 5.504 ng/ul

RT: 22.71 min Scan# 3353

Delta R.T. 0.01 min

Lab File: BM014094.D

Acq: 02 Feb 2018 03:32

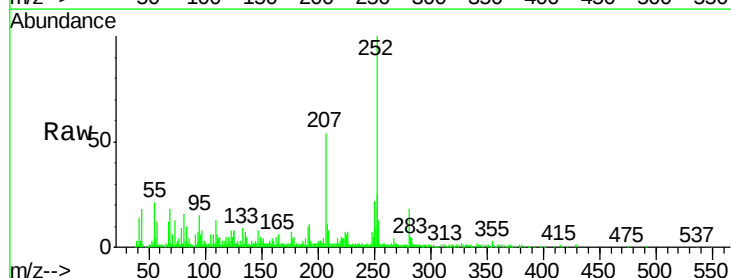
Tgt Ion:252 Resp: 278083

Ion Ratio Lower Upper

252 100

253 24.6 17.9 26.9

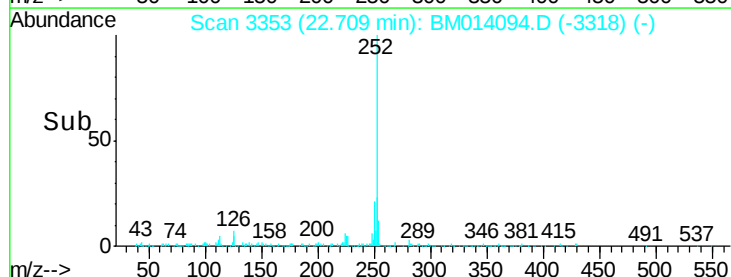
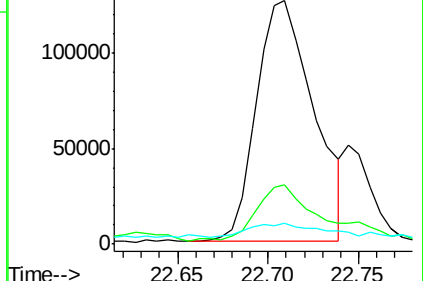
125 8.5 3.6 5.4#

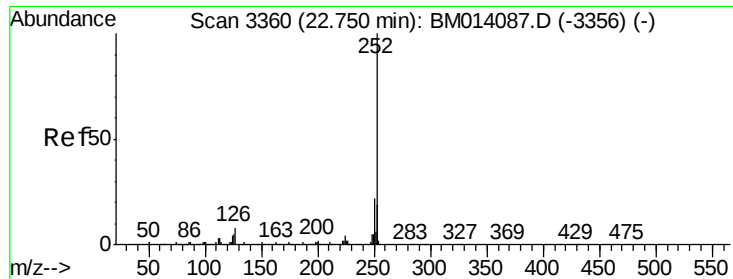


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

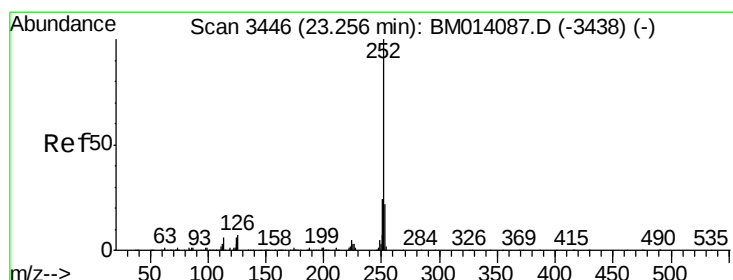
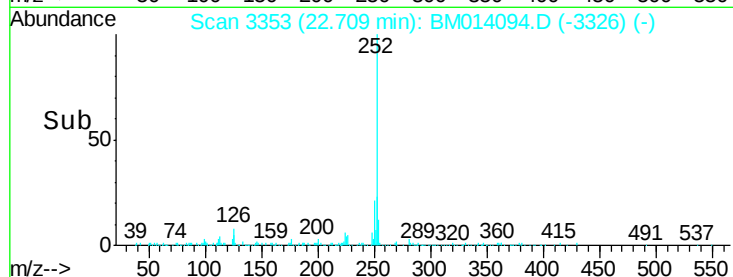
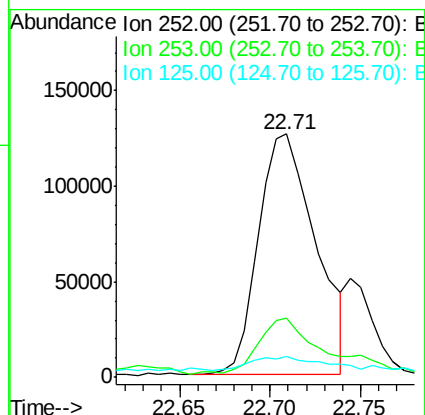
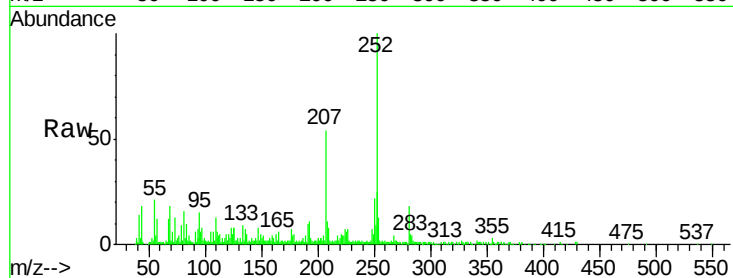




#86
Benzo(k)fluoranthene
Concen: 5.599 ng/ul
RT: 22.71 min Scan# 3353
Delta R.T. -0.04 min
Lab File: BM014094.D
Acq: 02 Feb 2018 03:32

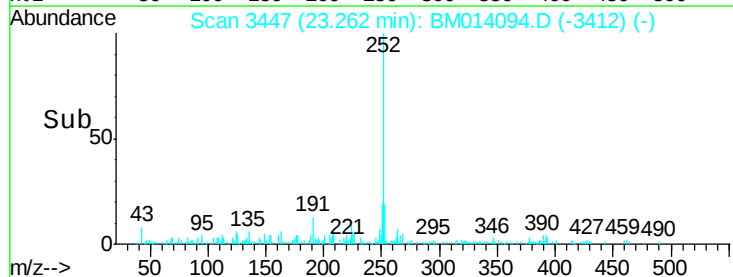
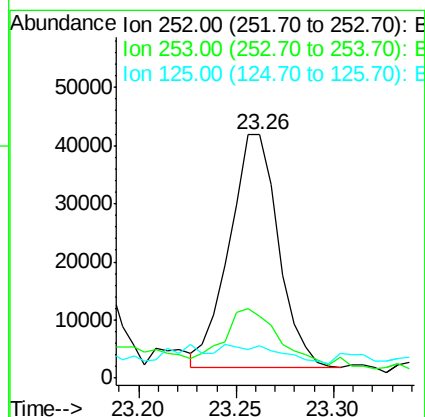
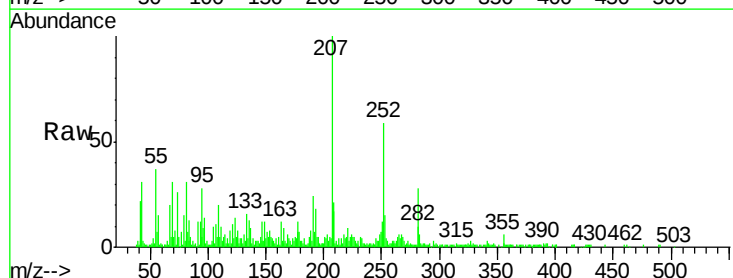
Instrument :
BNA_M
ClientSampleId :

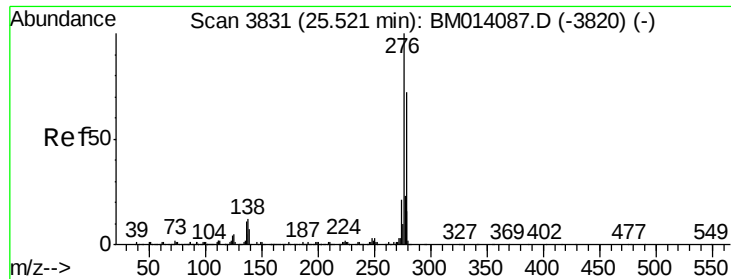
Tot Ion:252 Resp: 278083
Ion Ratio Lower Upper
252 100
253 24.6 17.1 25.7
125 8.5 3.4 5.2#



#88
Benzo(a)pyrene
Concen: 1.468 ng/ul
RT: 23.26 min Scan# 3447
Delta R.T. 0.01 min
Lab File: BM014094.D
Acq: 02 Feb 2018 03:32

Tgt Ion:252 Resp: 69909
Ion Ratio Lower Upper
252 100
253 25.6 18.2 27.2
125 13.4 4.0 6.0#



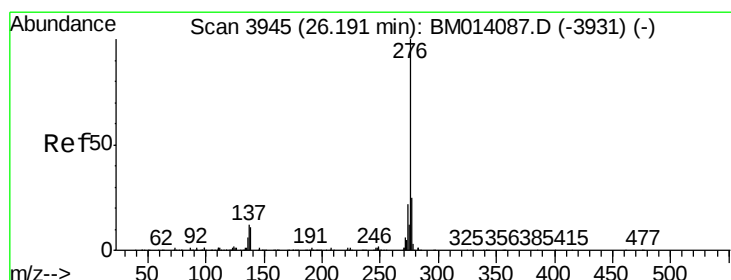
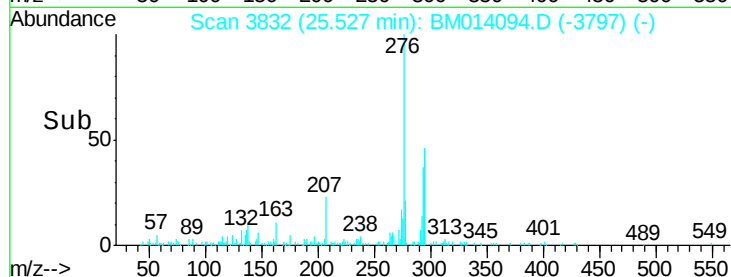
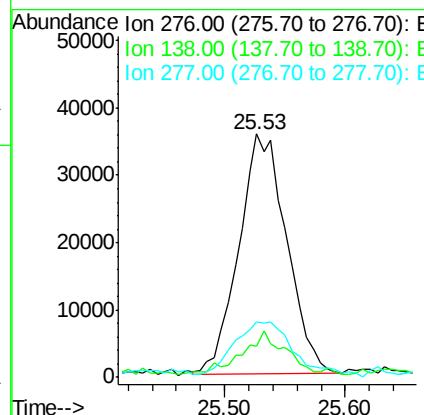
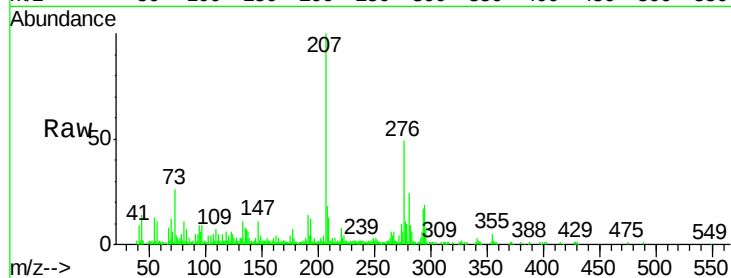


#89

Indeno(1,2,3-cd)pyrene
Concen: 1.877 ng/ul
RT: 25.53 min Scan# 3832
Delta R.T. 0.01 min
Lab File: BM014094.D
Acq: 02 Feb 2018 03:32

Instrument :
BNA_M
ClientSampleId :

Tot Ion:276 Resp: 97921
Ion Ratio Lower Upper
276 100
138 12.8 9.3 13.9
277 22.9 19.9 29.9



#91

Benzo(g,h,i)perylene
Concen: 2.284 ng/ul
RT: 26.19 min Scan# 3945
Delta R.T. -0.00 min
Lab File: BM014094.D
Acq: 02 Feb 2018 03:32

Tgt Ion:276 Resp: 98530
Ion Ratio Lower Upper
276 100
138 11.9 8.5 12.7
277 21.7 18.6 28.0

