

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042018\
 Data File : BM014768.D
 Acq On : 20 Apr 2018 18:06
 Operator : SJ/JU
 Sample : J2434-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AD1

Quant Time: Apr 20 23:55:42 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 20 23:53:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.55	152	314582	20.00	ng/ul	0.00
18) Naphthalene-d8	11.39	136	1300589	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.15	164	684841	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.86	188	1457214	20.00	ng/ul	0.00
75) Chrysene-d12	21.94	240	1447253	20.00	ng/ul	0.00
83) Perylene-d12	24.44	264	1533457	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.68	96	26255	3.64	ng/uL	0.00
5) Phenol-d5	7.66	99	480538	19.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.85	67	370626	23.77	ng/ul	0.00
9) 2-Chlorophenol-d4	8.06	132	433565	21.31	ng/ul	0.00
13) 4-Methylphenol-d8	9.24	113	296495	15.29	ng/ul	0.00
19) Nitrobenzene-d5	9.73	128	216620	23.04	ng/ul	0.00
22) 2-Nitrophenol-d4	10.46	143	218833	23.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.99	165	406229	21.35	ng/ul	0.00
29) 4-Chloroaniline-d4	11.51	131	457225	24.35	ng/ul	0.00
43) Dimethylphthalate-d6	14.53	166	1261611	23.60	ng/ul	0.00
46) Acenaphthylene-d8	14.85	160	1628752	24.67	ng/ul	0.00
51) 4-Nitrophenol-d4	15.30	143	127042	12.80	ng/ul	0.00
57) Fluorene-d10	16.12	176	1092421	23.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.22	200	69215	8.78	ng/ul	0.00
70) Anthracene-d10	17.95	188	1621735	23.88	ng/ul	0.00
76) Pyrene-d10	20.19	212	1715849	25.06	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.28	264	1704759	22.63	ng/ul	0.00

Target Compounds

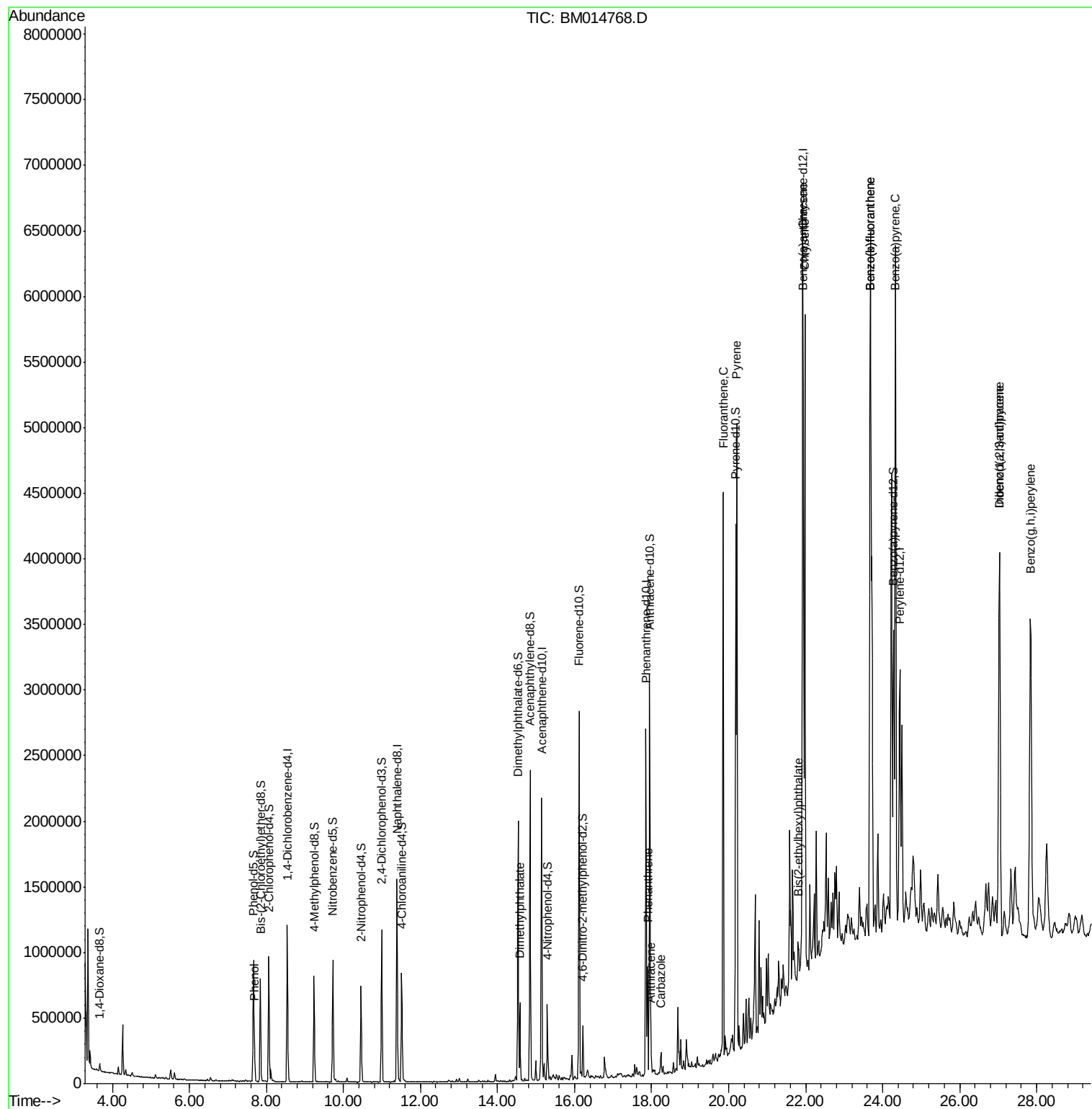
					Ovalue	
6) Phenol	7.69	94	112059	4.683	ng/ul#	79
44) Dimethylphthalate	14.58	163	366513	7.092	ng/ul	98
69) Phenanthrene	17.90	178	479297	6.125	ng/ul	98
71) Anthracene	17.99	178	103577	1.304	ng/ul	97
72) Carbazole	18.24	167	101919	1.504	ng/ul	98
74) Fluoranthene	19.86	202	2479623	29.062	ng/ul#	84
77) Pyrene	20.22	202	2740320	32.407	ng/ul#	78
80) Benzo(a)anthracene	21.93	228	2349866	27.766	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.80	149	65284	1.289	ng/ul#	95
82) Chrysene	21.98	228	2684368	33.881	ng/ul	97
85) Benzo(b)fluoranthene	23.68	252	5085531	56.258	ng/ul#	95
86) Benzo(k)fluoranthene	23.68	252	5085531	58.505	ng/ul#	93
88) Benzo(a)pyrene	24.33	252	3978608	46.399	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	27.03	276	3039473	29.301	ng/ul#	91
90) Dibenzo(a,h)anthracene	27.03	278	781121	8.943	ng/ul#	93
91) Benzo(g,h,i)perylene	27.84	276	3168468	37.128	ng/ul#	89

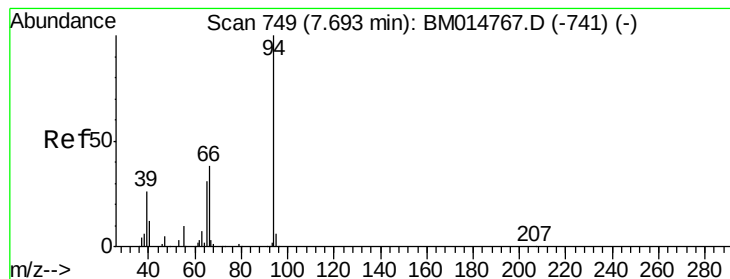
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 4.683 ng/ul

RT: 7.69 min Scan# 749

Delta R.T. 0.00 min

Lab File: BM014768.D

Acq: 20 Apr 2018 18:06

Instrument :

BNA_M

ClientSampleId :

C0AD1

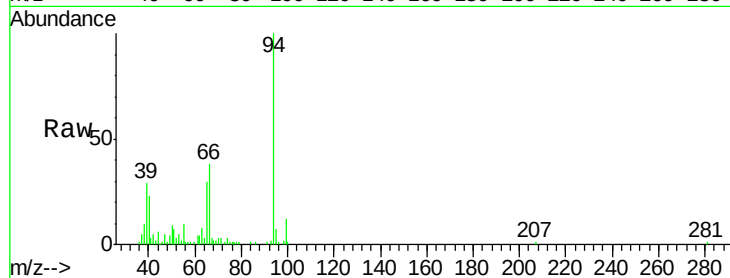
Tot Ion: 94 Resp: 112059

Ion Ratio Lower Upper

94 100

65 30.0 28.2 42.4

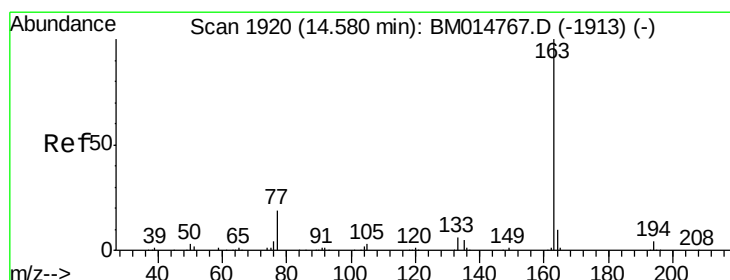
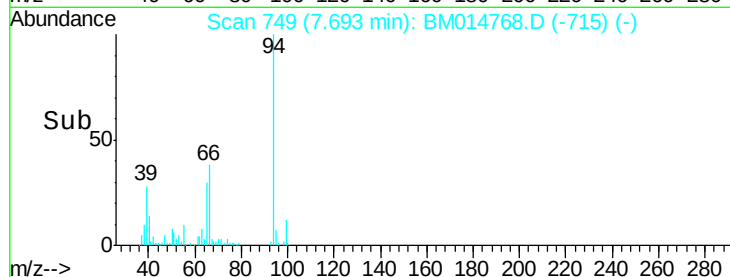
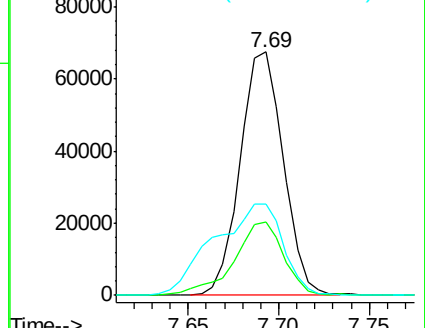
66 37.8 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM014768.D (-741) (-)

Ion 65.00 (64.70 to 65.70): BM014768.D (-741) (-)

Ion 66.00 (65.70 to 66.70): BM014768.D (-741) (-)



#44

Dimethylphthalate

Concen: 7.092 ng/ul

RT: 14.58 min Scan# 1920

Delta R.T. 0.00 min

Lab File: BM014768.D

Acq: 20 Apr 2018 18:06

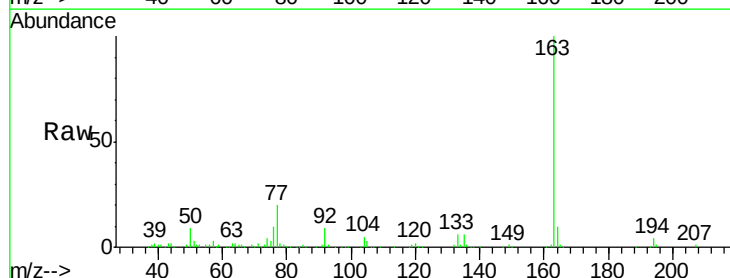
Tgt Ion: 163 Resp: 366513

Ion Ratio Lower Upper

163 100

194 3.9 3.5 5.3

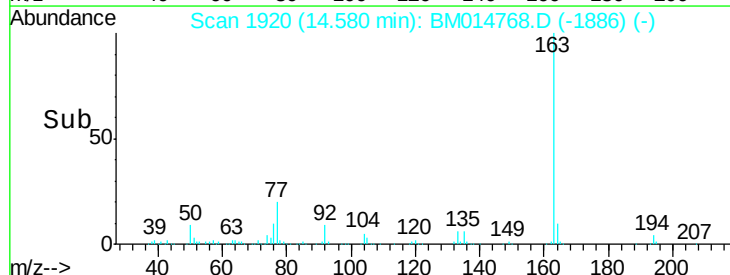
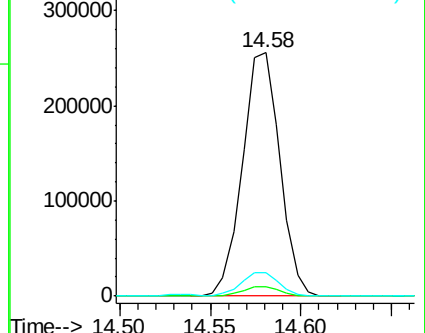
164 9.7 8.2 12.4

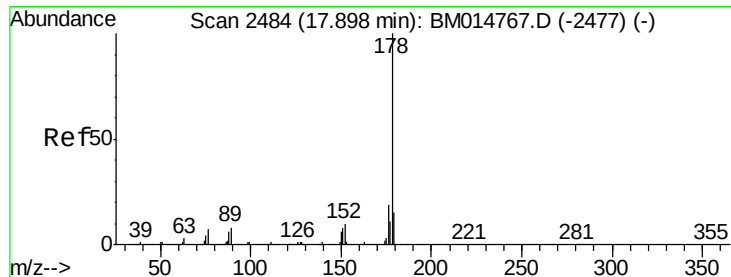


Abundance Ion 163.00 (162.70 to 163.70): BM014768.D (-1886) (-)

Ion 194.00 (193.70 to 194.70): BM014768.D (-1886) (-)

Ion 164.00 (163.70 to 164.70): BM014768.D (-1886) (-)





#69

Phenanthrene

Concen: 6.125 ng/ul

RT: 17.90 min Scan# 2484

Delta R.T. 0.00 min

Lab File: BM014768.D

Acq: 20 Apr 2018 18:06

Instrument :

BNA_M

ClientSampleId :

C0AD1

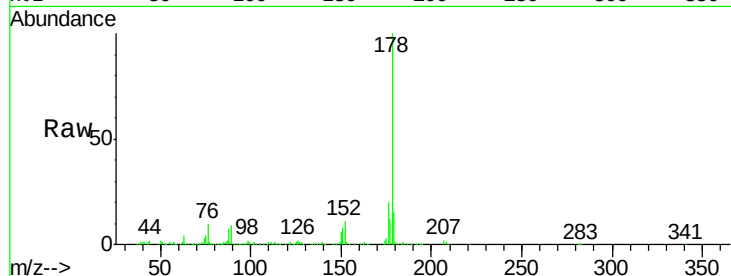
Tot Ion:178 Resp: 479297

Ion Ratio Lower Upper

178 100

179 15.4 12.6 19.0

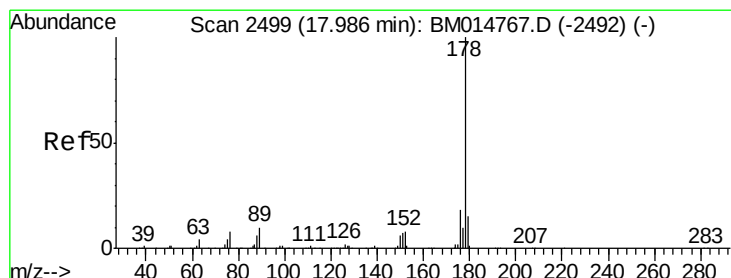
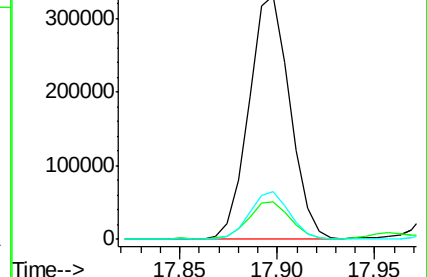
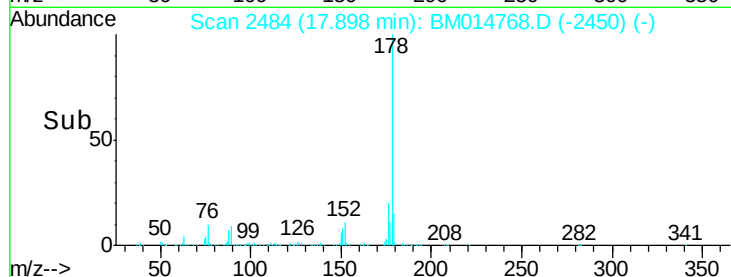
176 19.6 14.9 22.3



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: 1.304 ng/ul

RT: 17.99 min Scan# 2499

Delta R.T. 0.00 min

Lab File: BM014768.D

Acq: 20 Apr 2018 18:06

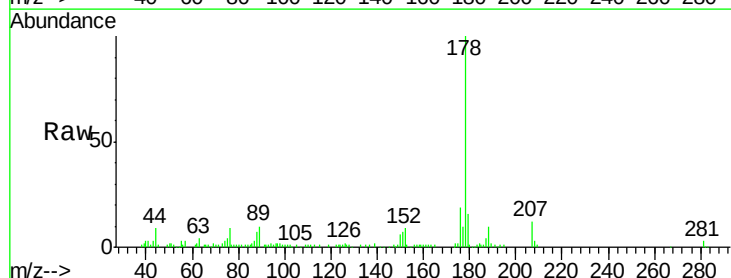
Tgt Ion:178 Resp: 103577

Ion Ratio Lower Upper

178 100

179 16.1 11.7 17.5

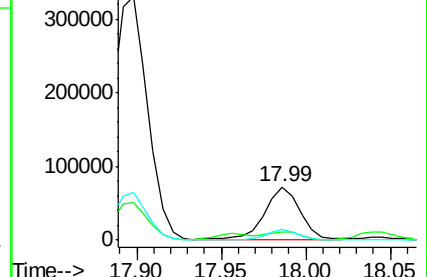
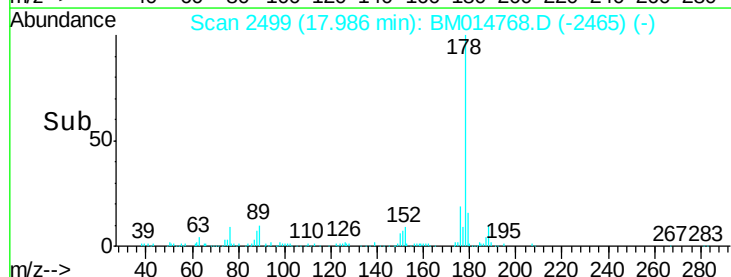
176 19.4 14.6 21.8

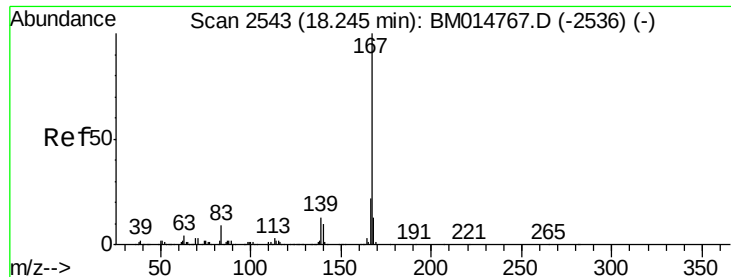


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 1.504 ng/ul

RT: 18.24 min Scan# 2543

Delta R.T. 0.00 min

Lab File: BM014768.D

Acq: 20 Apr 2018 18:06

Instrument :

BNA_M

ClientSampleId :

C0AD1

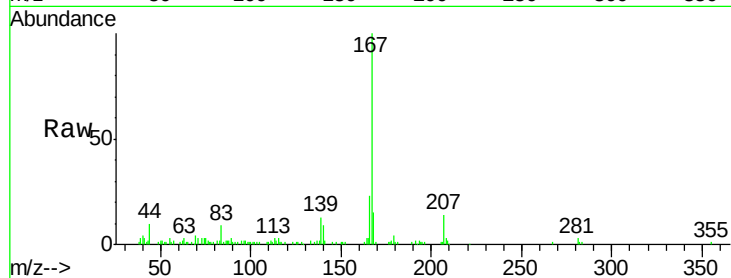
Tot Ion:167 Resp: 101919

Ion Ratio Lower Upper

167 100

166 22.5 17.1 25.7

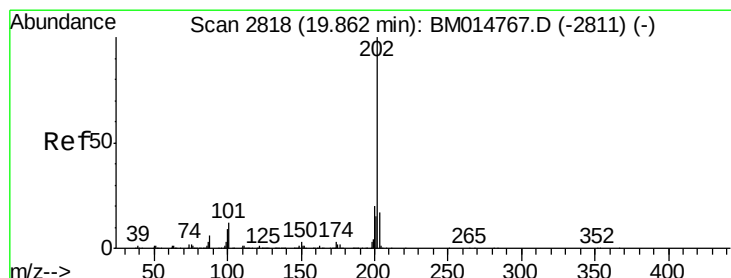
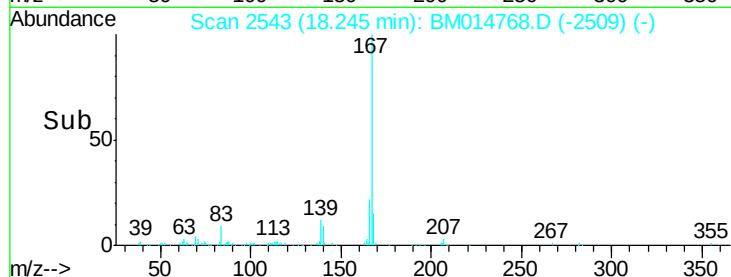
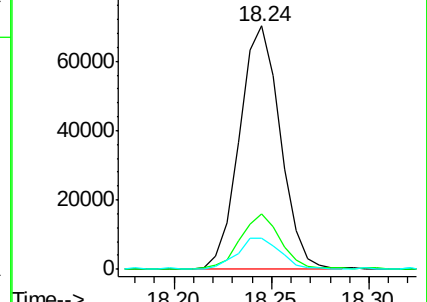
139 12.8 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 29.062 ng/ul

RT: 19.86 min Scan# 2818

Delta R.T. 0.00 min

Lab File: BM014768.D

Acq: 20 Apr 2018 18:06

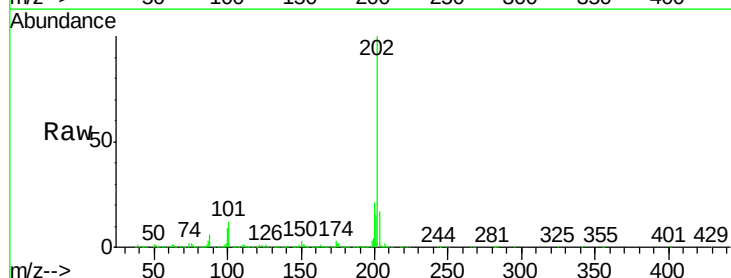
Tgt Ion:202 Resp: 2479623

Ion Ratio Lower Upper

202 100

101 11.8 4.6 7.0#

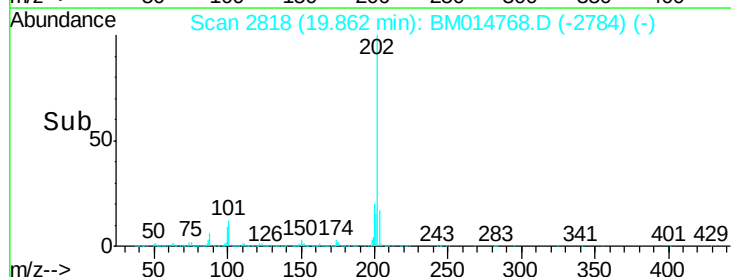
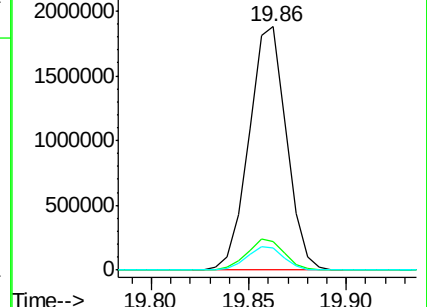
100 8.9 3.4 5.2#

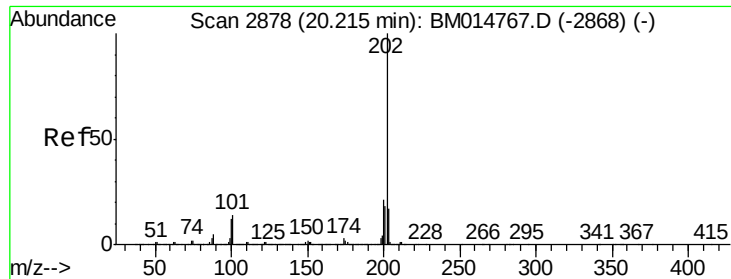


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

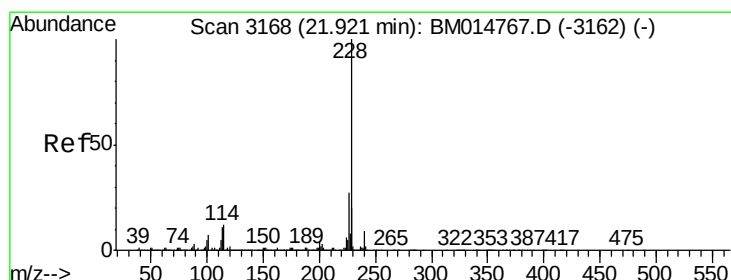
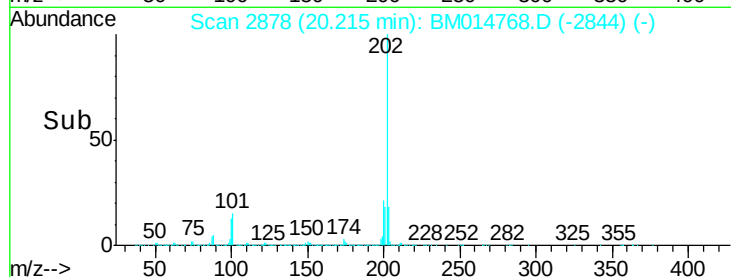
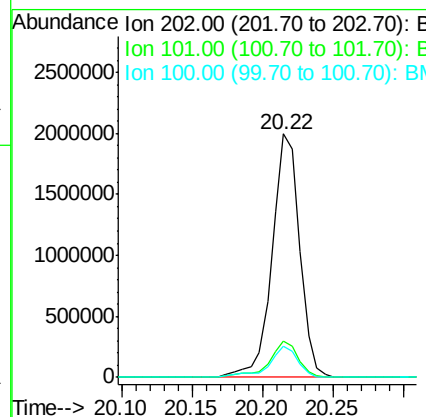
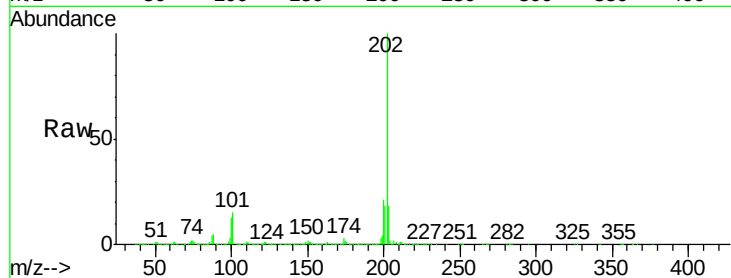




#77
 Pvrene
 Concen: 32.407 ng/ul
 RT: 20.22 min Scan# 2878
 Delta R.T. 0.00 min
 Lab File: BM014768.D
 Acq: 20 Apr 2018 18:06

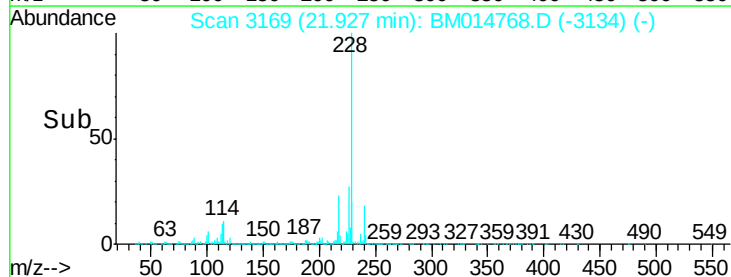
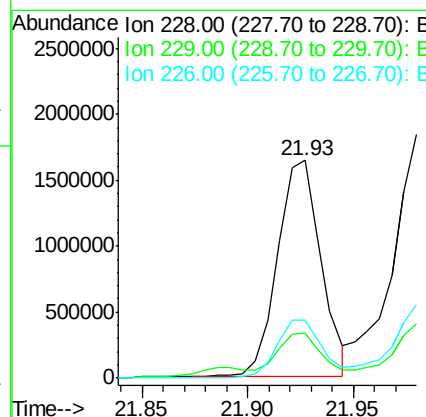
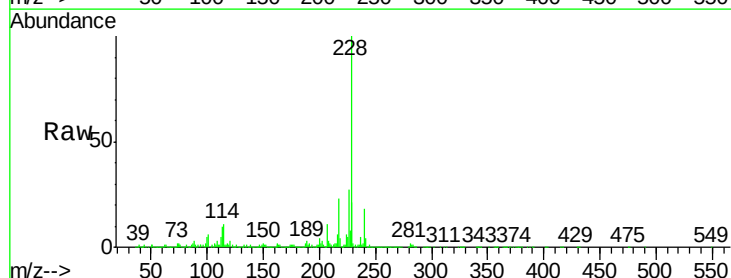
Instrument :
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 ClientSampleId :
 C0AD1

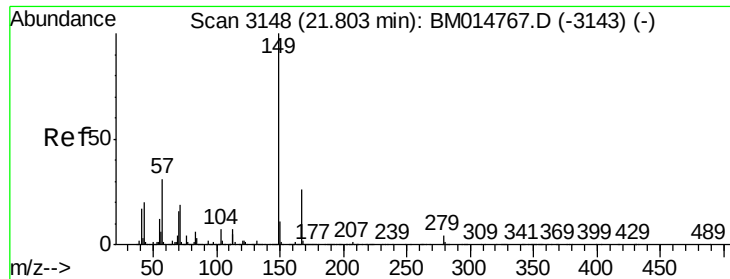
Tot Ion:202 Resp: 2740320
 Ion Ratio Lower Upper
 202 100
 101 15.0 5.1 7.7#
 100 12.5 4.9 7.3#



#80
 Benzo(a)anthracene
 Concen: 27.766 ng/ul
 RT: 21.93 min Scan# 3169
 Delta R.T. 0.01 min
 Lab File: BM014768.D
 Acq: 20 Apr 2018 18:06

Tgt Ion:228 Resp: 2349866
 Ion Ratio Lower Upper
 228 100
 229 20.5 15.4 23.0
 226 26.9 21.4 32.0

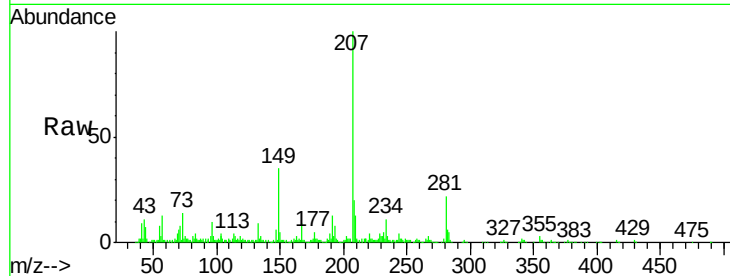




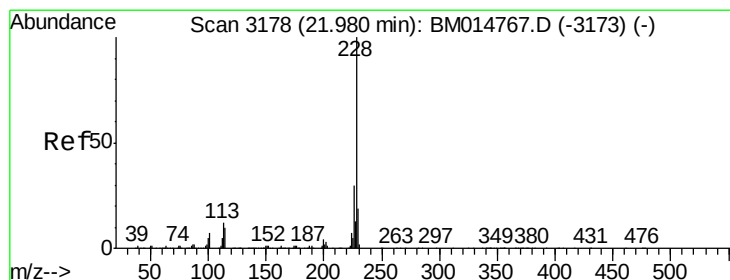
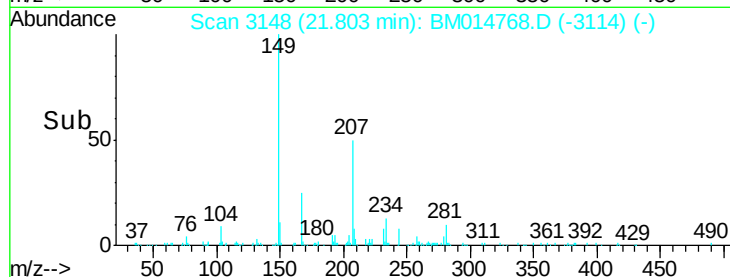
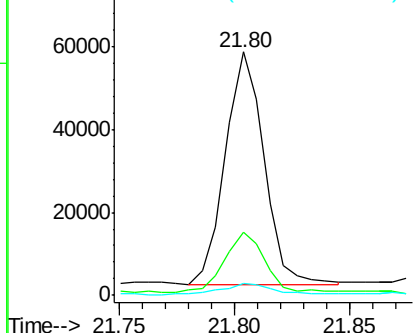
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 1.289 ng/ul
 RT: 21.80 min Scan# 3148
 Delta R.T. 0.00 min
 Lab File: BM014768.D
 Acq: 20 Apr 2018 18:06

Instrument :
 BNA_M
 ClientSampled :
 C0AD1

Tot Ion:149 Resp: 65284
 Ion Ratio Lower Upper
 149 100
 167 25.8 22.8 34.2
 279 4.8 4.9 7.3#

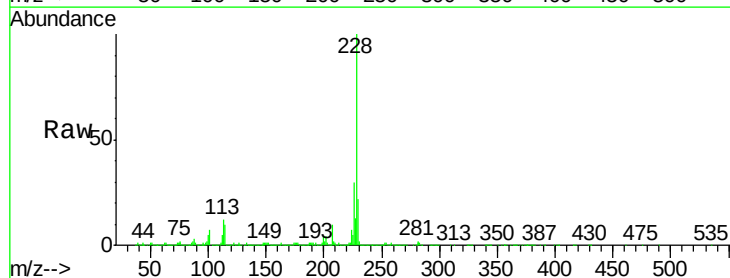


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

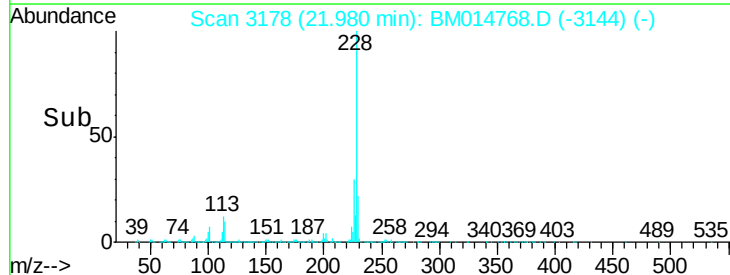
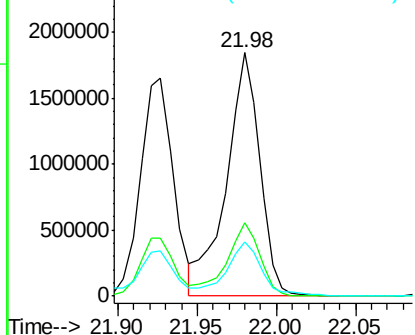


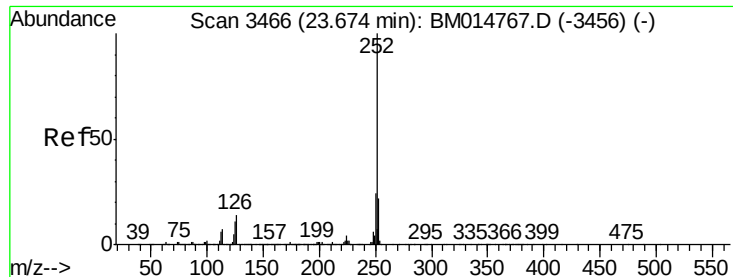
#82
 Chrysene
 Concen: 33.881 ng/ul
 RT: 21.98 min Scan# 3178
 Delta R.T. 0.00 min
 Lab File: BM014768.D
 Acq: 20 Apr 2018 18:06

Tgt Ion:228 Resp: 2684368
 Ion Ratio Lower Upper
 228 100
 226 30.1 23.4 35.2
 229 22.3 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: 56.258 ng/ul

RT: 23.68 min Scan# 3467

Delta R.T. 0.01 min

Lab File: BM014768.D

Acq: 20 Apr 2018 18:06

Instrument :

BNA_M

ClientSampleId :

C0AD1

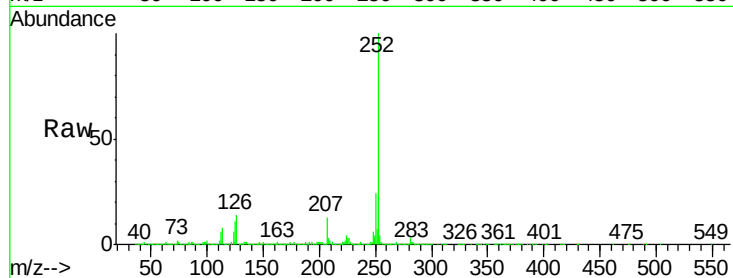
Tot Ion:252 Resp: 5085531

Ion Ratio Lower Upper

252 100

253 23.3 17.9 26.9

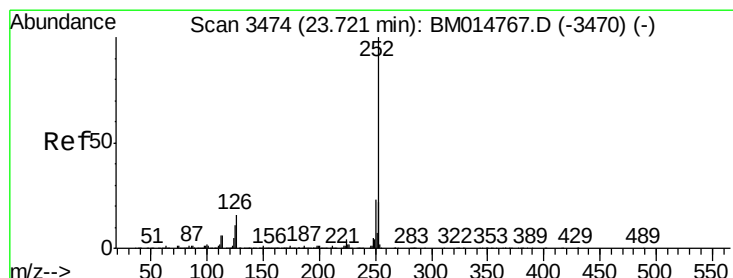
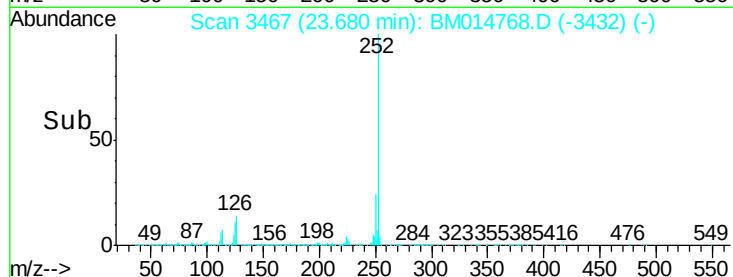
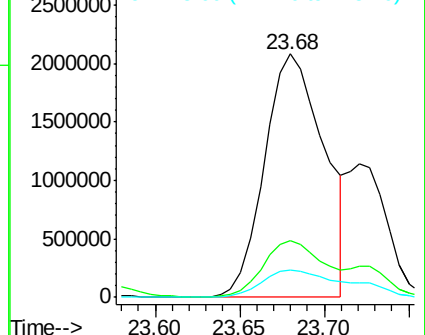
125 11.3 3.6 5.4#



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: 58.505 ng/ul

RT: 23.68 min Scan# 3467

Delta R.T. -0.04 min

Lab File: BM014768.D

Acq: 20 Apr 2018 18:06

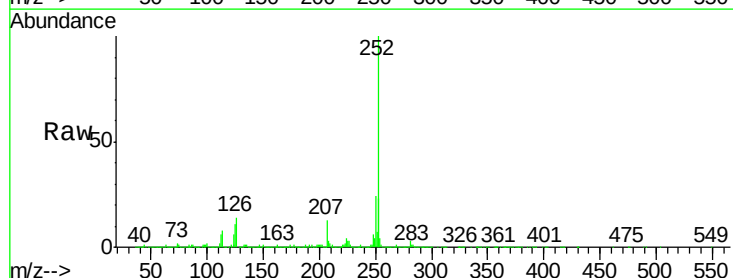
Tgt Ion:252 Resp: 5085531

Ion Ratio Lower Upper

252 100

253 23.3 17.1 25.7

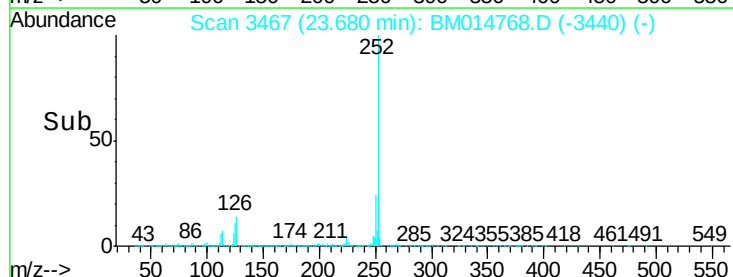
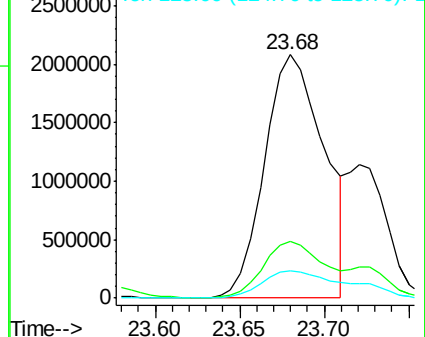
125 11.3 3.4 5.2#

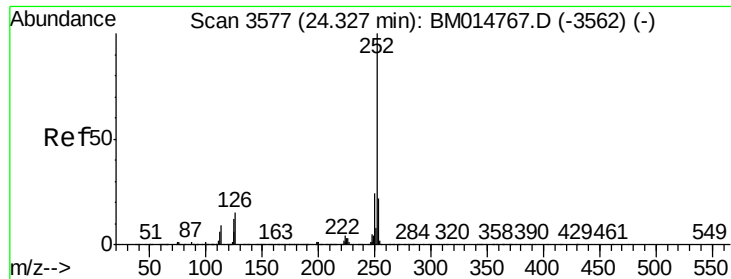


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

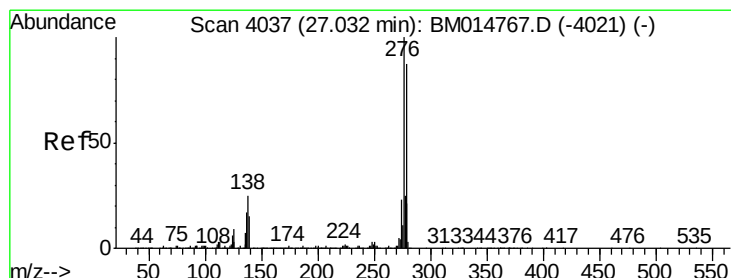
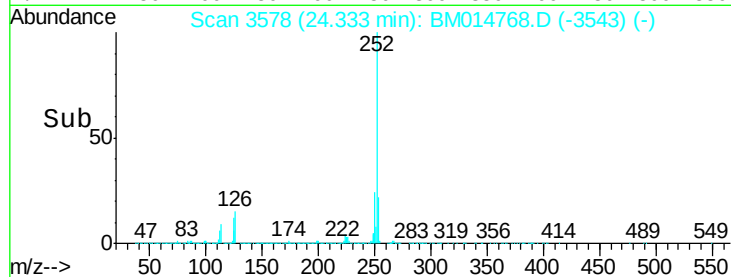
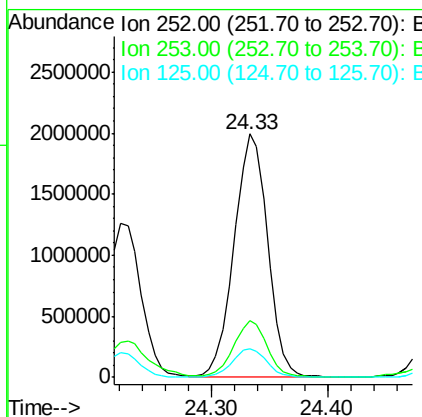
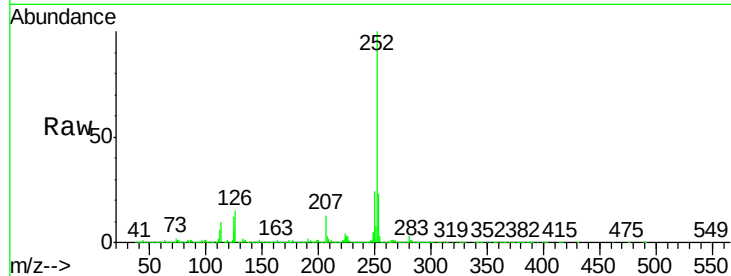




#88
Benzo(a)pyrene
Concen: 46.399 ng/ul
RT: 24.33 min Scan# 3578
Delta R.T. 0.01 min
Lab File: BM014768.D
Acq: 20 Apr 2018 18:06

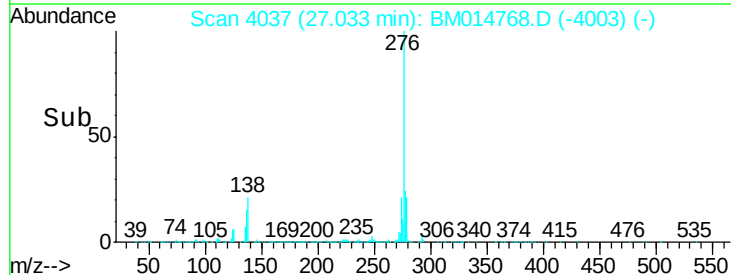
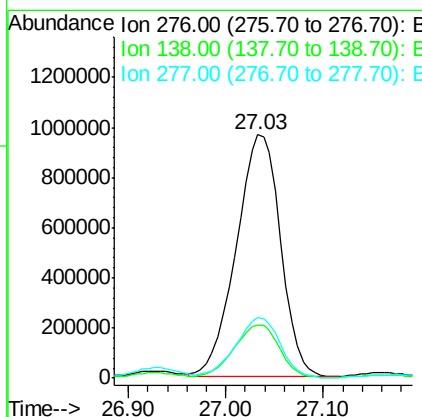
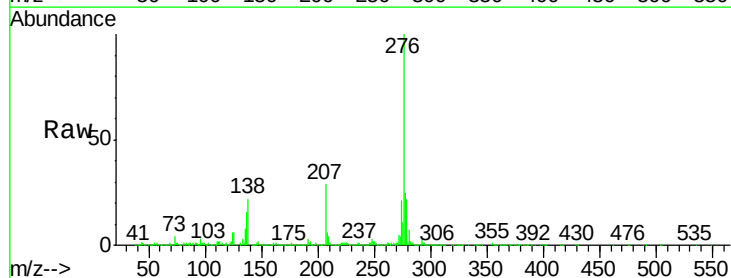
Instrument :
BNA_M
ClientSampleId :
C0AD1

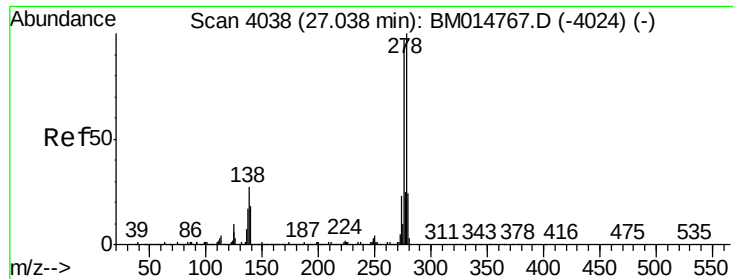
Tot Ion:252 Resp: 3978608
Ion Ratio Lower Upper
252 100
253 23.1 18.2 27.2
125 11.9 4.0 6.0#



#89
Indeno(1,2,3-cd)pyrene
Concen: 29.301 ng/ul
RT: 27.03 min Scan# 4037
Delta R.T. 0.00 min
Lab File: BM014768.D
Acq: 20 Apr 2018 18:06

Tgt Ion:276 Resp: 3039473
Ion Ratio Lower Upper
276 100
138 21.8 9.3 13.9#
277 24.6 19.9 29.9





#90

Dibenzo(a,h)anthracene

Concen: 8.943 ng/ul

RT: 27.03 min Scan# 4037

Delta R.T. -0.01 min

Lab File: BM014768.D

Acq: 20 Apr 2018 18:06

Instrument :

BNA_M

ClientSampled :

C0AD1

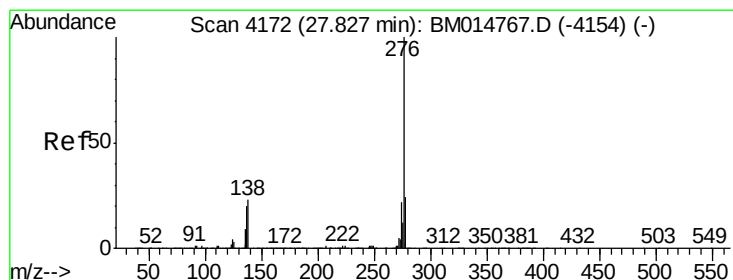
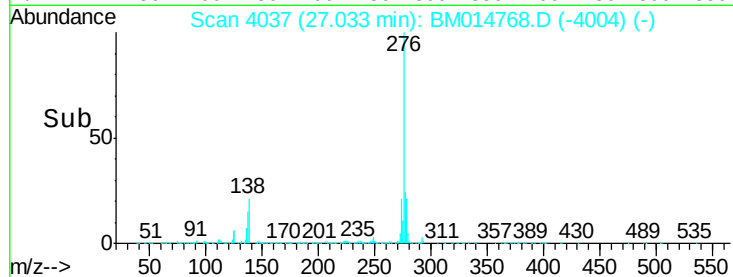
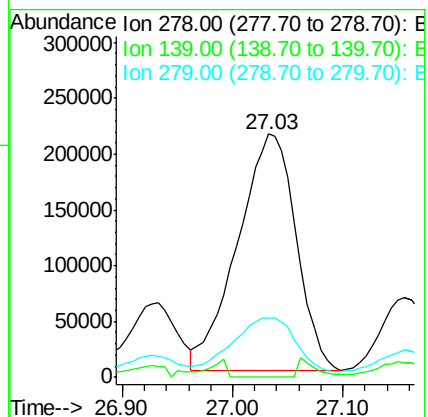
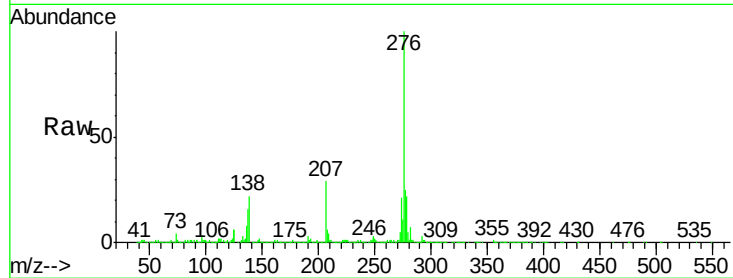
Tot Ion:278 Resp: 781121

Ion Ratio Lower Upper

278 100

139 0.0 5.8 8.8#

279 24.5 18.6 27.8



#91

Benzo(g,h,i)perylene

Concen: 37.128 ng/ul

RT: 27.84 min Scan# 4174

Delta R.T. 0.01 min

Lab File: BM014768.D

Acq: 20 Apr 2018 18:06

Tgt Ion:276 Resp: 3168468

Ion Ratio Lower Upper

276 100

138 22.6 8.5 12.7#

277 24.0 18.6 28.0

