

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
 Data File : BM022254.D
 Acq On : 23 Aug 2019 13:54
 Operator : HP/JU
 Sample : K4337-15
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AG0

Quant Time: Aug 23 15:42:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 23 13:10:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	31839	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	144729	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	101272	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	237330	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	294478	20.00	ng/ul	0.00
85) Perylene-d12	23.38	264	287982	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	604	0.85	ng/uL	0.00
5) Phenol-d5	6.75	99	17045	6.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	47011	29.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	54426	24.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	37194	15.62	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	33902	31.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	40032	31.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	70800	27.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	9107	2.93	ng/ul	0.02
43) Dimethylphthalate-d6	13.64	166	275445	30.88	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	292395	30.44	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	5632	4.26	ng/ul	0.02
57) Fluorene-d10	15.22	176	233596	31.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	44427	24.26	ng/ul	0.00
70) Anthracene-d10	17.08	188	401327	31.93	ng/ul	0.00
78) Pyrene-d10	19.39	212	545571	35.65	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.24	264	524226	33.13	ng/ul	0.00

Target Compounds

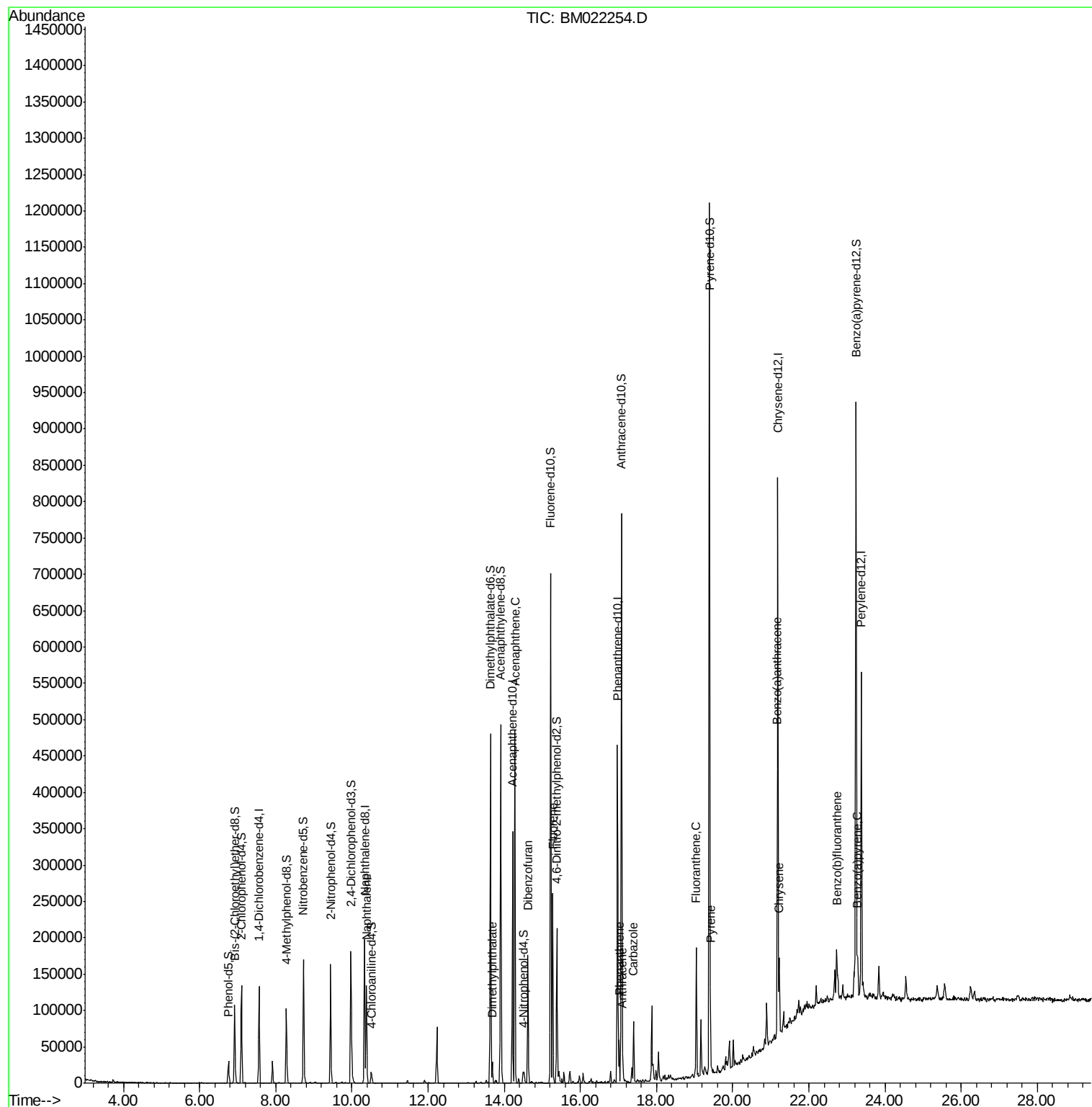
					Ovalue
28) Naphthalene	10.38	128	93551	11.713	ng/ul 99
44) Dimethylphthalate	13.69	163	18158	2.001	ng/ul 97
49) Acenaphthene	14.28	153	173157	24.484	ng/ul 98
53) Dibenzofuran	14.62	168	95220	9.040	ng/ul 97
58) Fluorene	15.27	166	105838	11.930	ng/ul 100
69) Phenanthrene	17.02	178	27950	1.969	ng/ul 96
71) Anthracene	17.11	178	19791	1.340	ng/ul 99
74) Carbazole	17.40	167	47162	3.534	ng/ul 98
76) Fluoranthene	19.04	202	92744	4.335	ng/ul 100
79) Pyrene	19.42	202	61088	3.205	ng/ul 98
82) Benzo(a)anthracene	21.17	228	34868	1.573	ng/ul 98
84) Chrysene	21.22	228	51683	2.494	ng/ul 98
87) Benzo(b)fluoranthene	22.73	252	51578	2.575	ng/ul# 95
90) Benzo(a)pyrene	23.28	252	36320	1.902	ng/ul 98

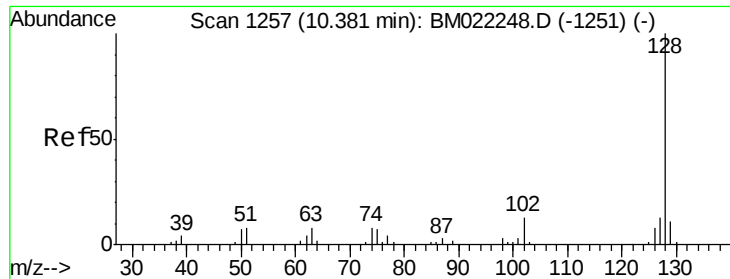
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 23 13:10:05 2019
Response via : Initial Calibration





#28

Naphthalene

Concen: 11.713 ng/ul

RT: 10.38 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BM022254.D

Acq: 23 Aug 2019 13:54

Instrument :

BNA_M

ClientSampleId :

C0AG0

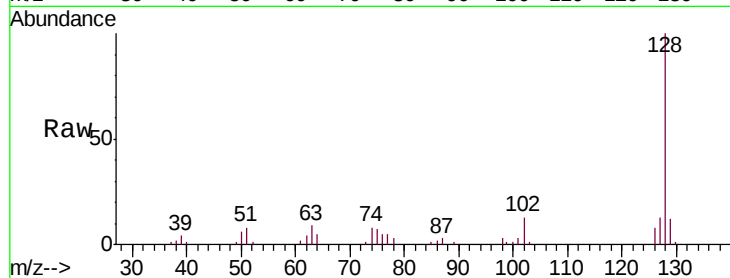
Tot Ion:128 Resp: 93551

Ion Ratio Lower Upper

128 100

129 11.5 8.6 13.0

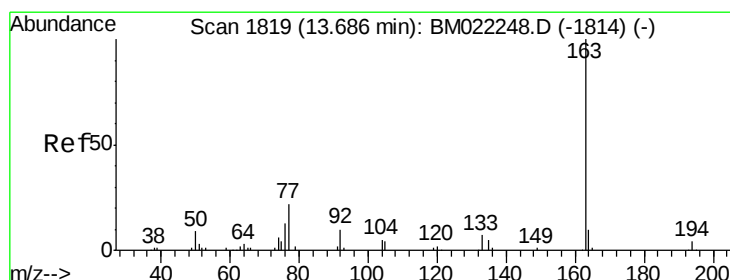
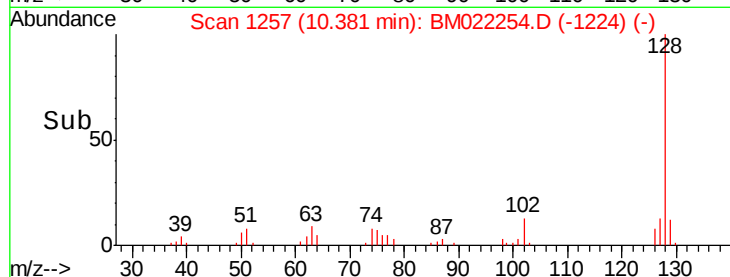
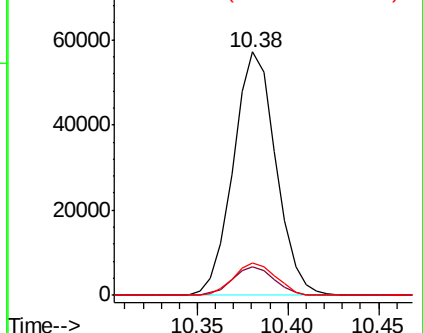
127 13.1 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#44

Dimethylphthalate

Concen: 2.001 ng/ul

RT: 13.69 min Scan# 1819

Delta R.T. 0.00 min

Lab File: BM022254.D

Acq: 23 Aug 2019 13:54

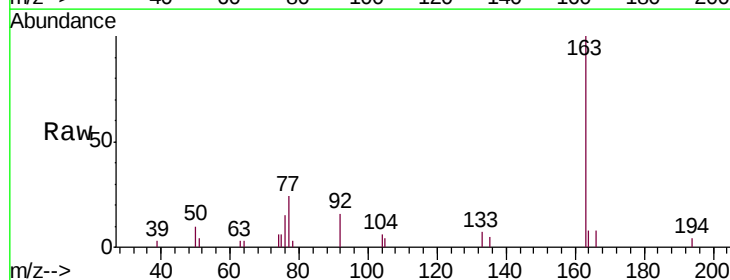
Tgt Ion:163 Resp: 18158

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.6

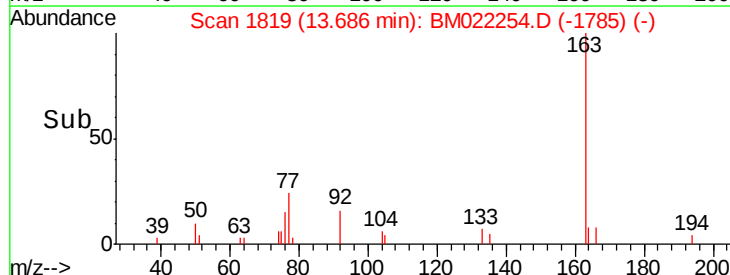
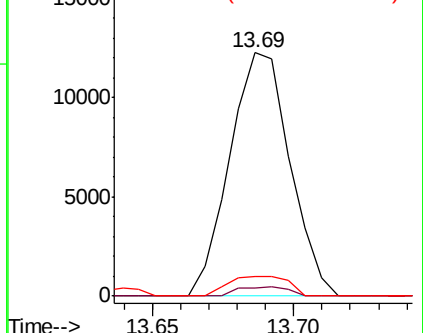
164 8.2 7.8 11.8

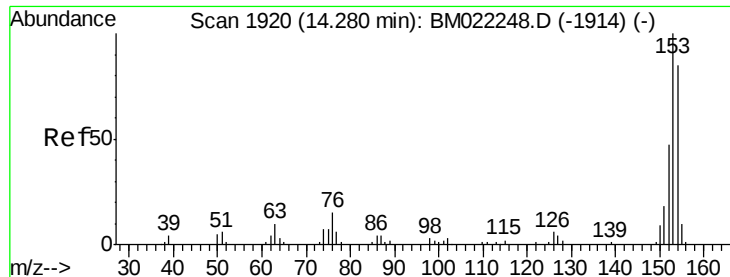


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#49

Acenaphthene

Concen: 24.484 ng/ul

RT: 14.28 min Scan# 1920

Delta R.T. 0.00 min

Lab File: BM022254.D

Acq: 23 Aug 2019 13:54

Instrument :

BNA_M

ClientSampleId :

C0AG0

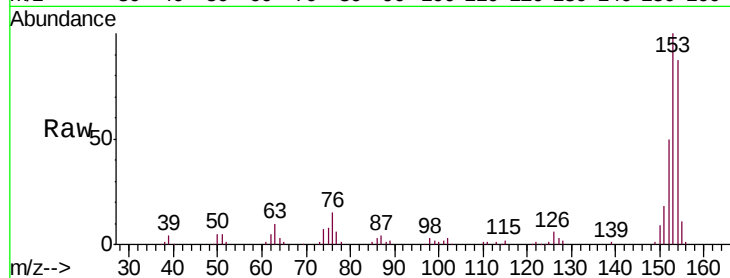
Tot Ion:153 Resp: 173157

Ion Ratio Lower Upper

153 100

152 50.0 38.6 58.0

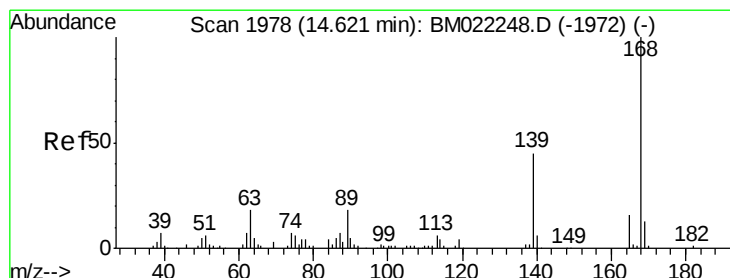
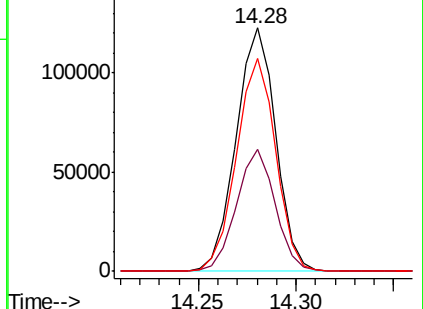
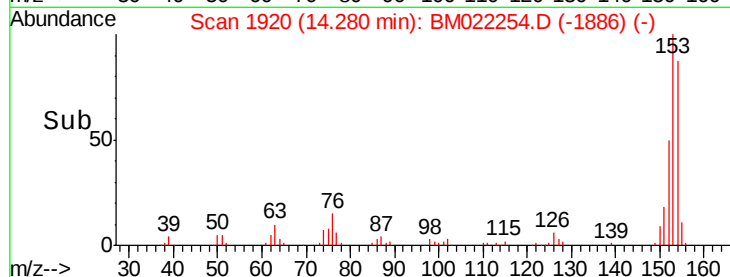
154 87.3 68.9 103.3



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#53

Dibenzofuran

Concen: 9.040 ng/ul

RT: 14.62 min Scan# 1978

Delta R.T. 0.00 min

Lab File: BM022254.D

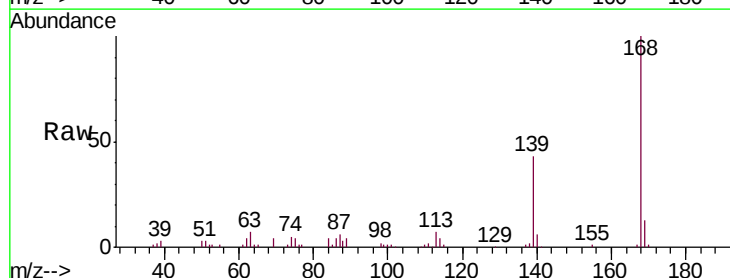
Acq: 23 Aug 2019 13:54

Tgt Ion:168 Resp: 95220

Ion Ratio Lower Upper

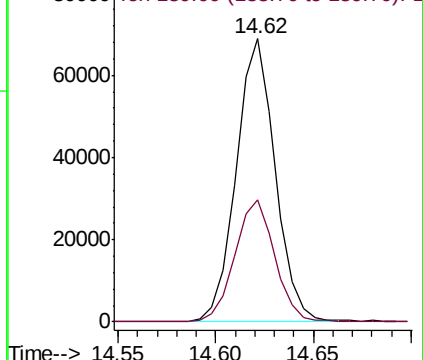
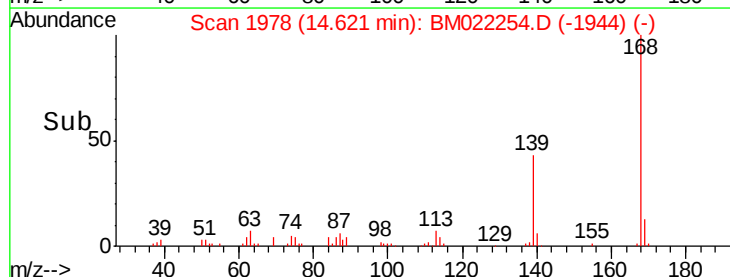
168 100

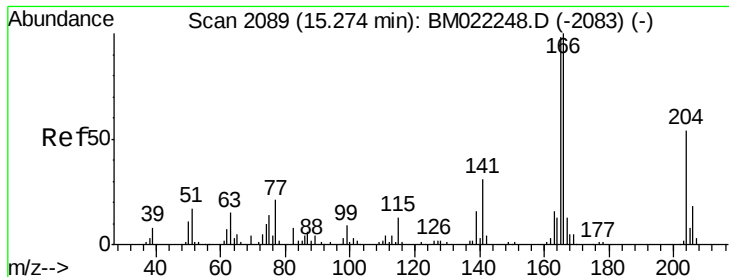
139 43.3 36.2 54.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#58

Fluorene

Concen: 11.930 ng/ul

RT: 15.27 min Scan# 2089

Delta R.T. 0.00 min

Lab File: BM022254.D

Acq: 23 Aug 2019 13:54

Instrument :

BNA_M

ClientSampleId :

C0AG0

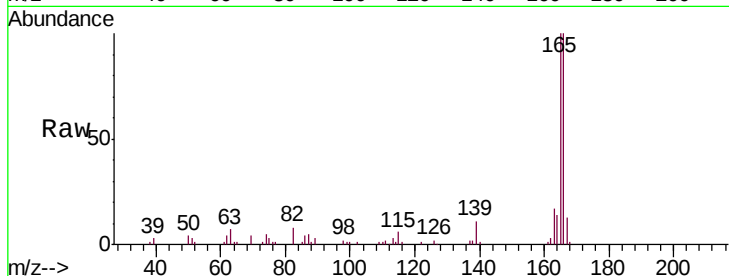
Tot Ion:166 Resp: 105838

Ion Ratio Lower Upper

166 100

165 100.2 80.2 120.2

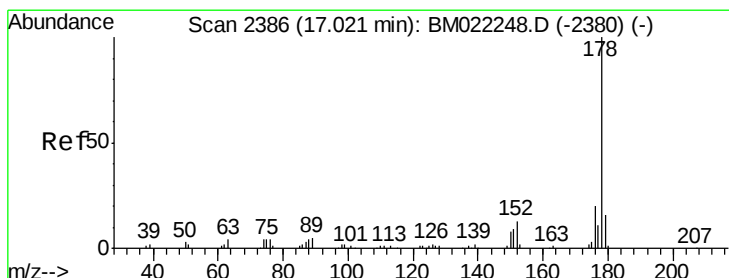
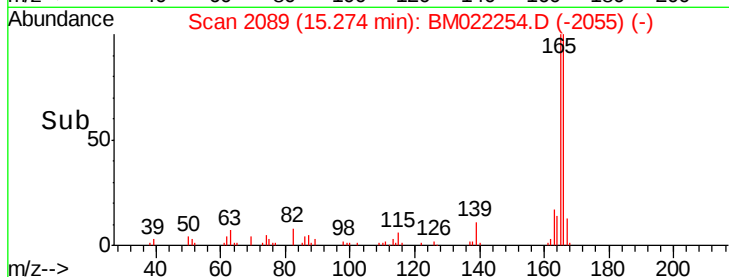
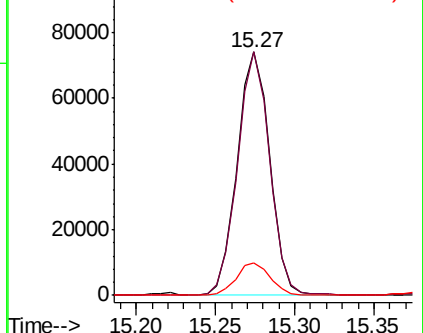
167 13.5 11.4 17.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#69

Phenanthrene

Concen: 1.969 ng/ul

RT: 17.02 min Scan# 2385

Delta R.T. -0.01 min

Lab File: BM022254.D

Acq: 23 Aug 2019 13:54

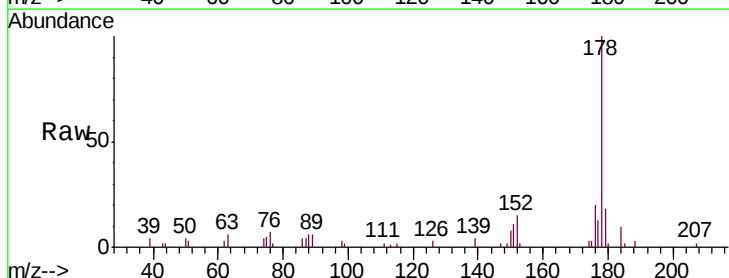
Tgt Ion:178 Resp: 27950

Ion Ratio Lower Upper

178 100

179 17.6 12.4 18.6

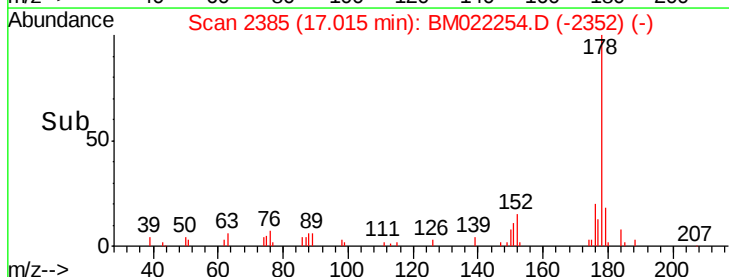
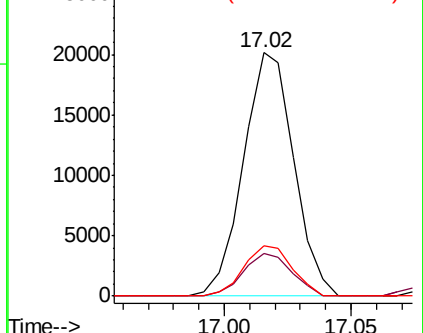
176 20.4 15.4 23.0

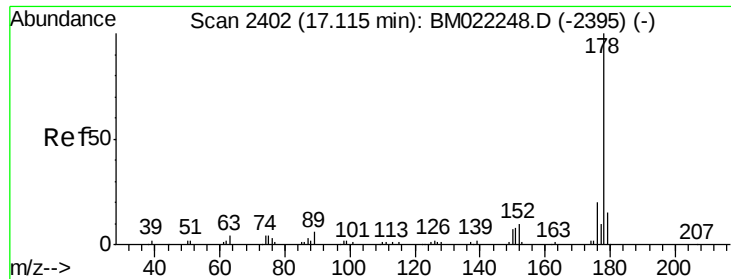


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

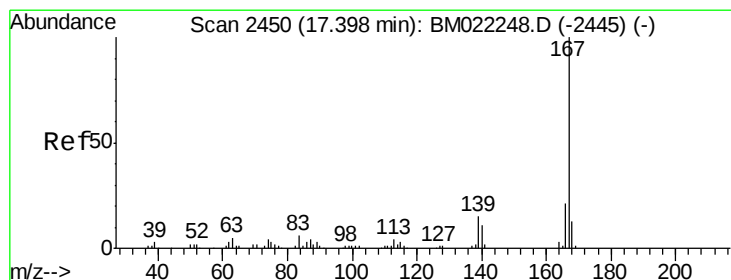
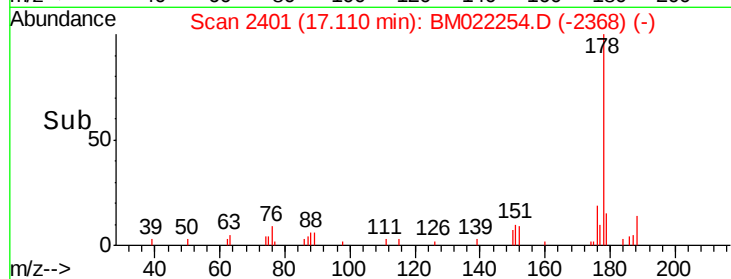
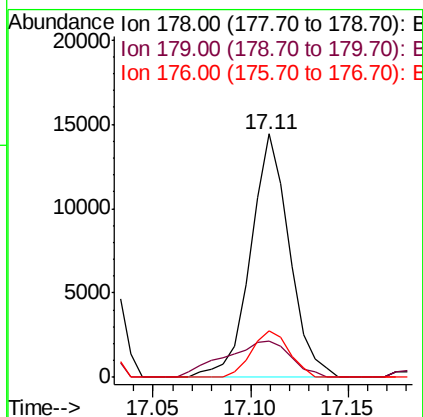
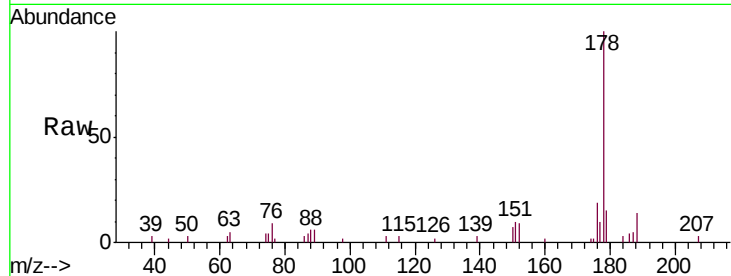




#71
 Anthracene
 Concen: 1.340 ng/ul
 RT: 17.11 min Scan# 2401
 Delta R.T. -0.01 min
 Lab File: BM022254.D
 Acq: 23 Aug 2019 13:54

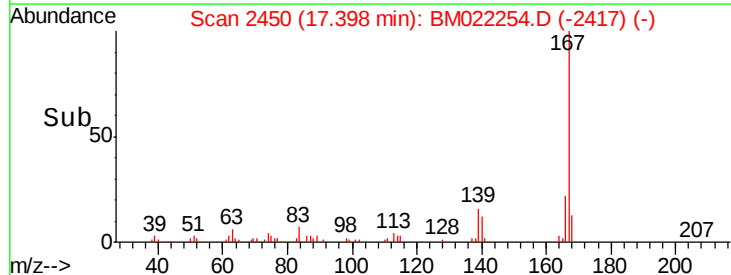
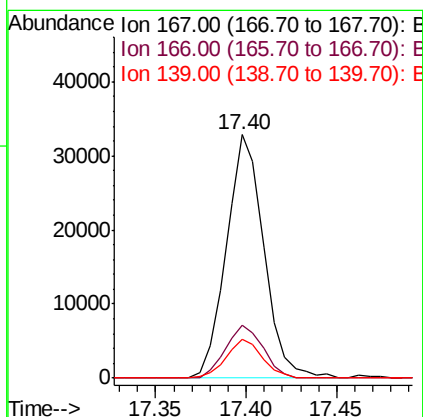
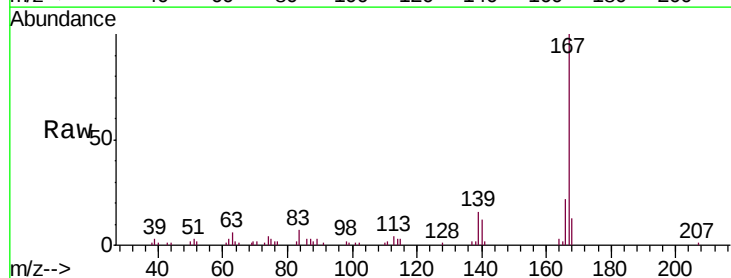
Instrument :
 BNA_M
 ClientSampleId :
 C0AG0

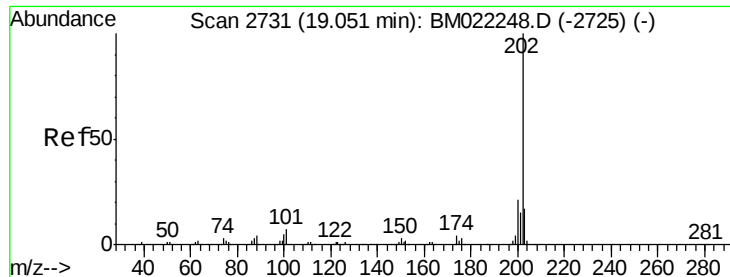
Tot Ion:178 Resp: 19791
 Ion Ratio Lower Upper
 178 100
 179 15.0 12.3 18.5
 176 18.9 15.5 23.3



#74
 Carbazole
 Concen: 3.534 ng/ul
 RT: 17.40 min Scan# 2450
 Delta R.T. -0.01 min
 Lab File: BM022254.D
 Acq: 23 Aug 2019 13:54

Tgt Ion:167 Resp: 47162
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.8 26.8
 139 15.8 11.8 17.8

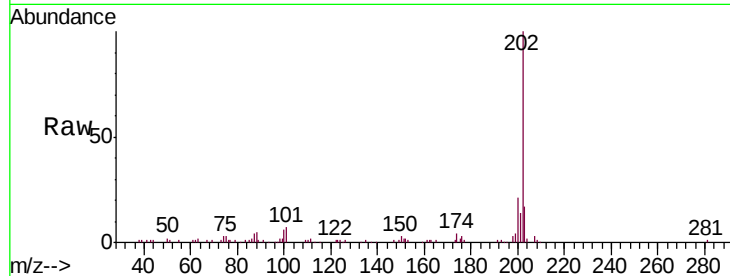




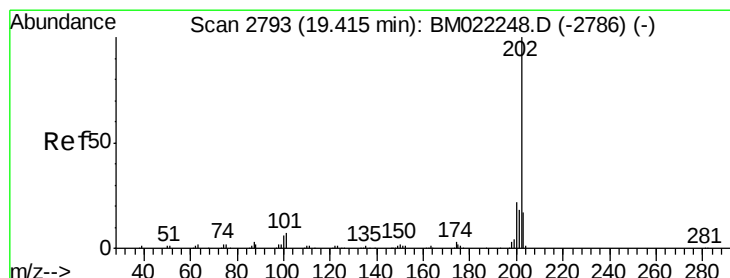
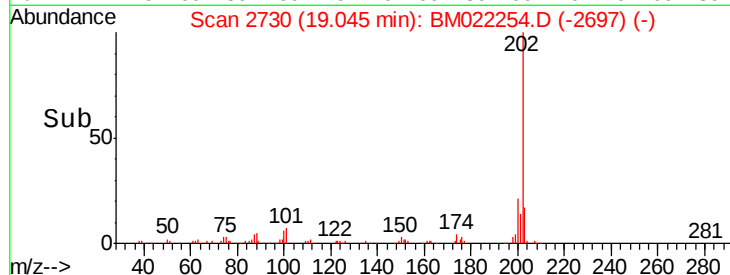
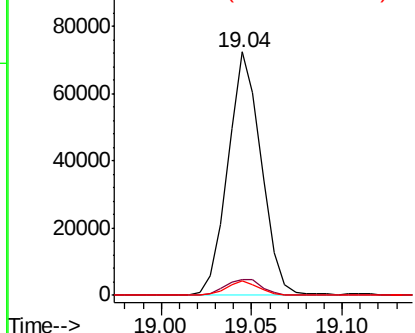
#76
Fluoranthene
Concen: 4.335 ng/ul
RT: 19.04 min Scan# 2730
Delta R.T. -0.01 min
Lab File: BM022254.D
Acq: 23 Aug 2019 13:54

Instrument :
BNA_M
ClientSampleId :
C0AG0

Tot Ion	Ratio	Lower	Upper
202	100		
101	6.5	5.3	7.9
100	5.9	4.6	6.8

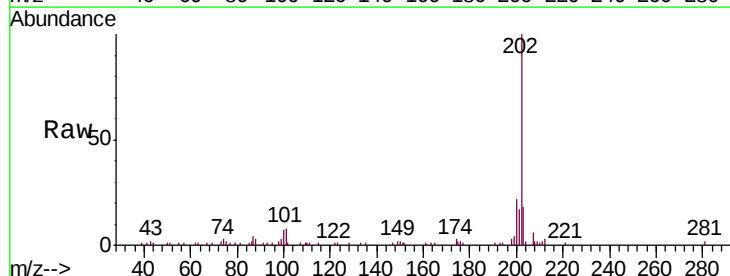


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

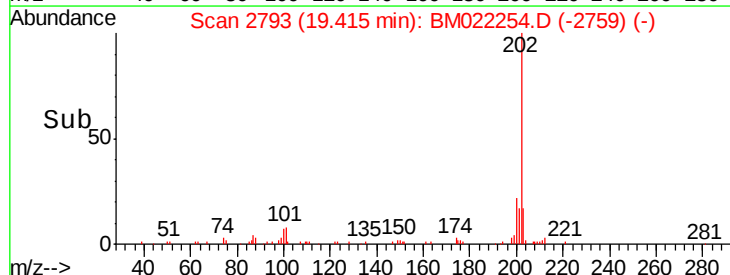
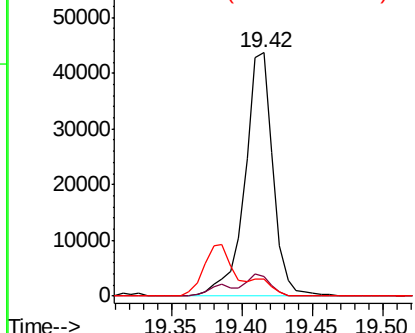


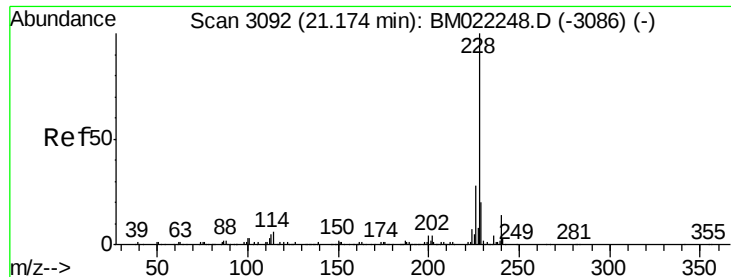
#79
Pyrene
Concen: 3.205 ng/ul
RT: 19.42 min Scan# 2793
Delta R.T. 0.00 min
Lab File: BM022254.D
Acq: 23 Aug 2019 13:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.9	7.0	10.4
100	6.8	5.8	8.8



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





#82

Benzo(a)anthracene

Concen: 1.573 ng/ul

RT: 21.17 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BM022254.D

Acq: 23 Aug 2019 13:54

Instrument :

BNA_M

ClientSampleId :

C0AG0

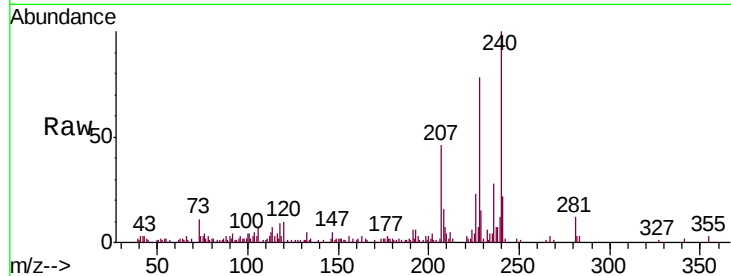
Tot Ion:228 Resp: 34868

Ion Ratio Lower Upper

228 100

229 19.5 15.2 22.8

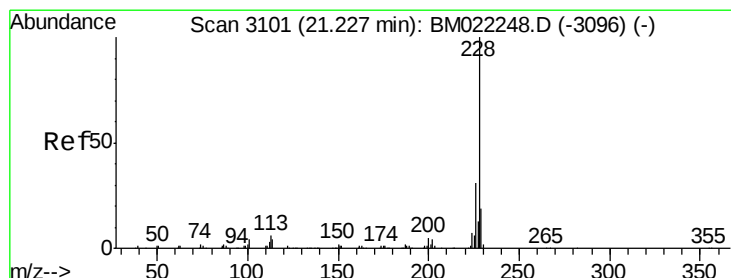
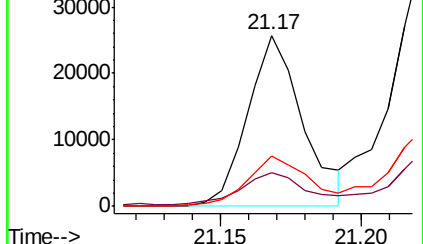
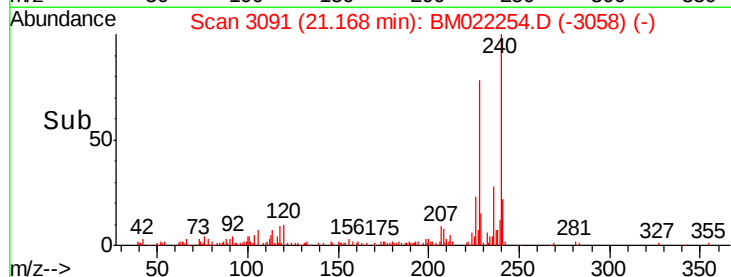
226 29.2 22.3 33.5



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



#84

Chrysene

Concen: 2.494 ng/ul

RT: 21.22 min Scan# 3100

Delta R.T. -0.01 min

Lab File: BM022254.D

Acq: 23 Aug 2019 13:54

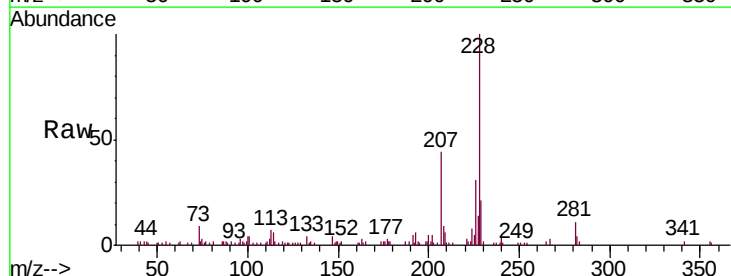
Tgt Ion:228 Resp: 51683

Ion Ratio Lower Upper

228 100

226 30.8 24.7 37.1

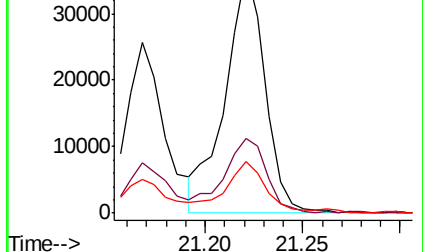
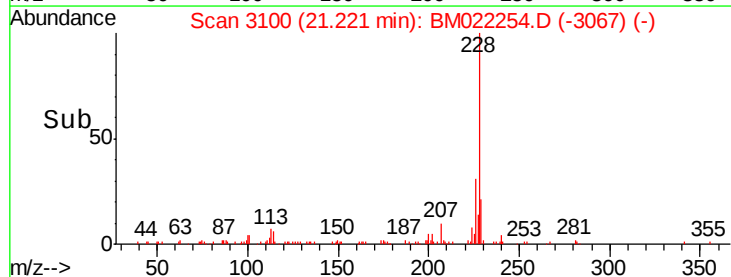
229 21.4 15.7 23.5

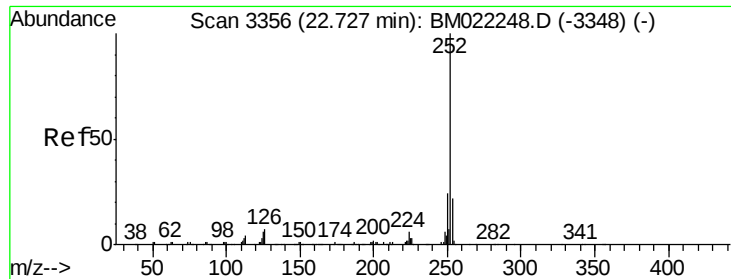


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Benzo(b)fluoranthene

Concen: 2.575 ng/ul

RT: 22.73 min Scan# 3356

Delta R.T. 0.00 min

Lab File: BM022254.D

Acq: 23 Aug 2019 13:54

Instrument :

BNA_M

ClientSampleId :

C0AG0

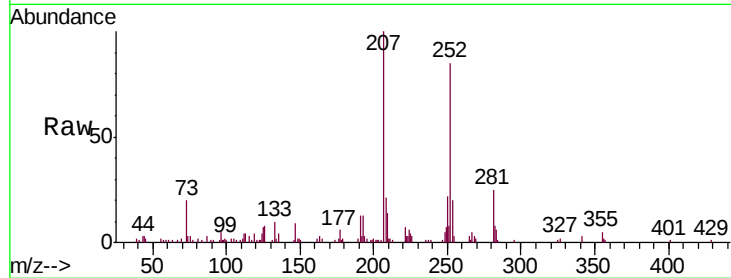
Tot Ion:252 Resp: 51578

Ion Ratio Lower Upper

252 100

253 23.5 17.0 25.6

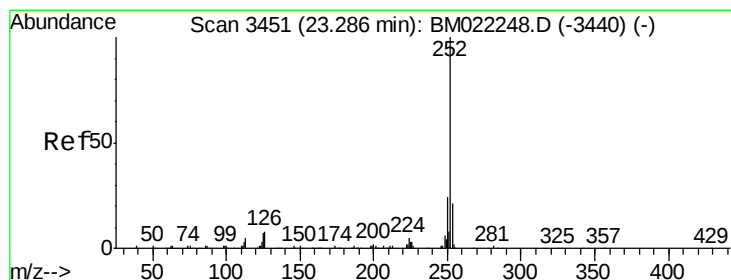
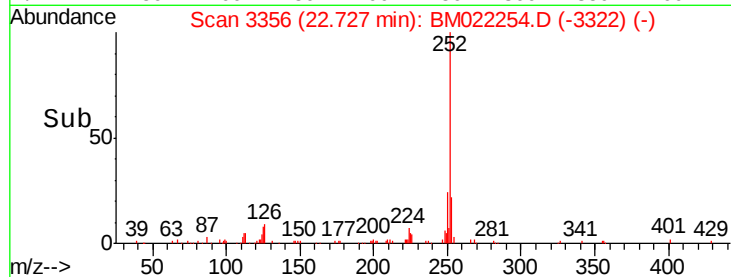
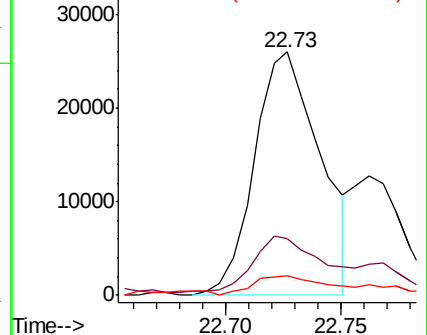
125 7.9 5.2 7.8#



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



#90

Benzo(a)pyrene

Concen: 1.902 ng/ul

RT: 23.28 min Scan# 3450

Delta R.T. -0.01 min

Lab File: BM022254.D

Acq: 23 Aug 2019 13:54

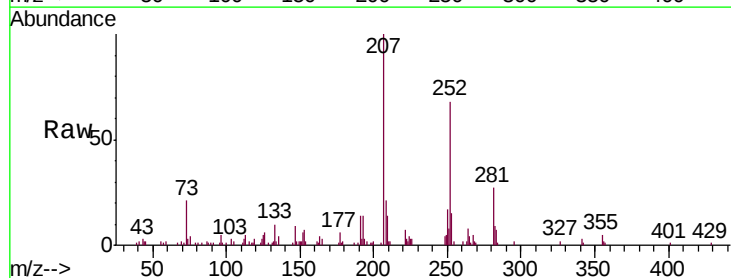
Tgt Ion:252 Resp: 36320

Ion Ratio Lower Upper

252 100

253 22.5 16.9 25.3

125 7.0 5.5 8.3



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

