

Data File : BM023204.D
Acq On : 16 Oct 2019 23:21
Operator : JU
Sample : K5262-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFB73

Quant Time: Oct 17 04:36:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 04:31:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	450151	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1787130	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	1042937	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	2008307	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	1916122	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	2368782	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	31316	3.06	ng/uL	0.00
5) Phenol-d5	6.83	99	553906	14.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	350763	15.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	475375	15.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	450247	14.30	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	224453	18.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	235757	20.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	455675	15.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	255292	7.17	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	1327568	16.61	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	1585115	16.91	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	134071	10.36	ng/ul	0.00
58) Fluorene-d10	15.30	176	1124117	16.51	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	86450	10.86	ng/ul	0.00
71) Anthracene-d10	17.15	188	1656306	17.10	ng/ul	0.00
79) Pyrene-d10	19.45	212	1717876	18.51	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	2043997	17.02	ng/ul	0.00

Target Compounds

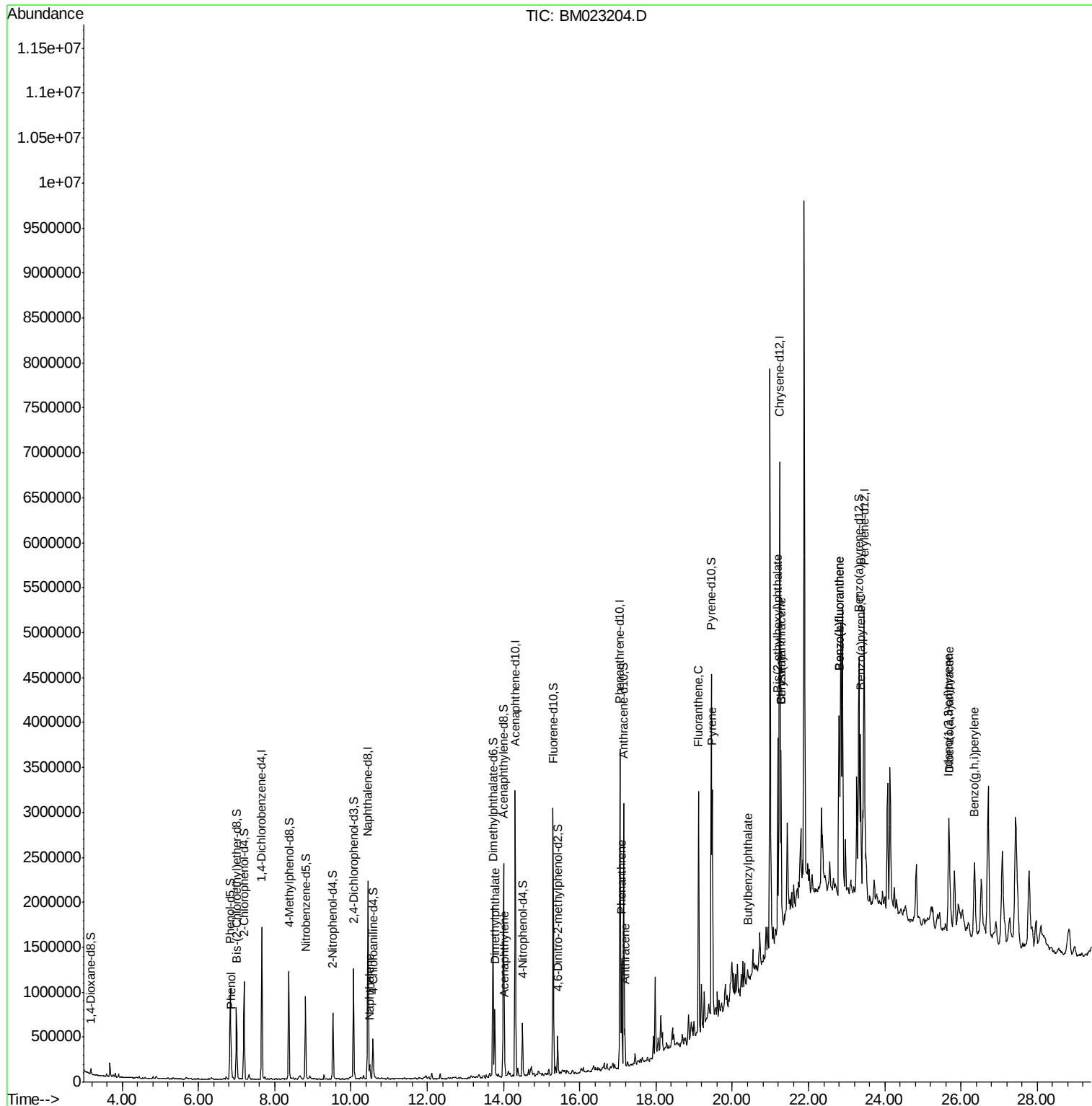
					Qvalue	
6) Phenol	6.86	94	109725	2.714	ng/ul	96
28) Naphthalene	10.49	128	130865	1.417	ng/ul	99
45) Dimethylphthalate	13.77	163	457848	5.723	ng/ul	100
48) Acenaphthylene	14.03	152	178946	1.867	ng/ul	99
70) Phenanthrene	17.10	178	749172	6.647	ng/ul	99
72) Anthracene	17.19	178	245117	2.105	ng/ul	99
77) Fluoranthene	19.12	202	1616019	12.056	ng/ul	99
80) Pyrene	19.48	202	1570160	13.081	ng/ul	99
81) Butylbenzylphthalate	20.40	149	43924	1.052	ng/ul#	97
83) Benzo(a)anthracene	21.28	228	1149378	8.853	ng/ul	94
84) Bis(2-ethylhexyl)phthalate	21.20	149	787715	11.866	ng/ul#	99
85) Chrysene	21.28	228	1149378	9.534	ng/ul	97
88) Benzo(b)fluoranthene	22.80	252	1846114	12.854	ng/ul#	96
89) Benzo(k)fluoranthene	22.80	252	1846114	13.387	ng/ul	96
91) Benzo(a)pyrene	23.36	252	1334696	9.686	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.67	276	1016992	6.204	ng/ul	99
93) Dibenzo(a,h)anthracene	25.69	278	294348	2.148	ng/ul#	91
94) Benzo(g,h,i)perylene	26.35	276	976967	7.239	ng/ul	99

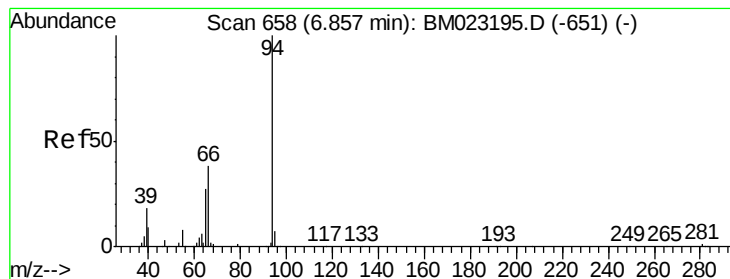
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.714 ng/ul

RT: 6.86 min Scan# 659

Delta R.T. 0.01 min

Lab File: BM023204.D

Acq: 16 Oct 2019 23:21

Instrument :

BNA_M

ClientSampleId :

BFB73

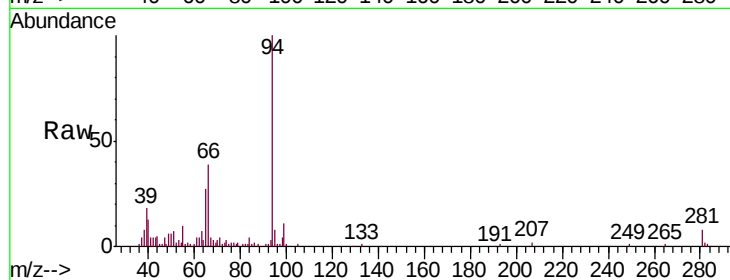
Tgt Ion: 94 Resp: 109725

Ion Ratio Lower Upper

94 100

65 27.3 23.7 35.5

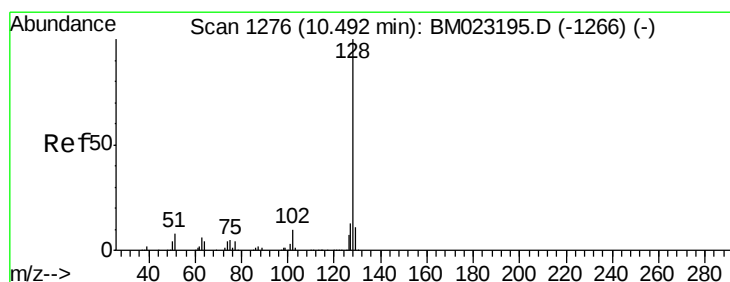
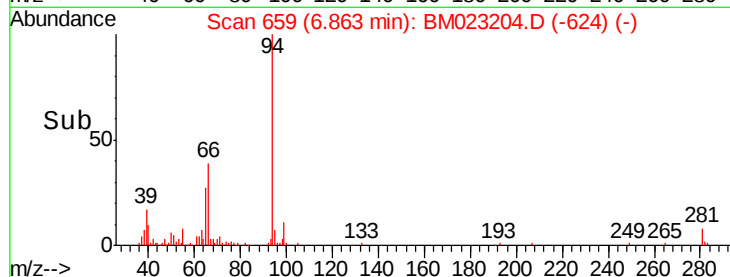
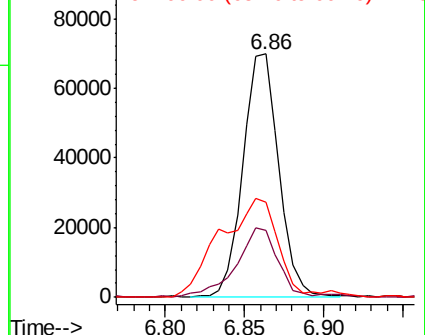
66 38.9 32.9 49.3



Abundance Ion 94.00 (93.70 to 94.70): BM023195.D (-651) (-)

Ion 65.00 (64.70 to 65.70): BM023195.D (-651) (-)

Ion 66.00 (65.70 to 66.70): BM023195.D (-651) (-)



#28

Naphthalene

Concen: 1.417 ng/ul

RT: 10.49 min Scan# 1276

Delta R.T. -0.00 min

Lab File: BM023204.D

Acq: 16 Oct 2019 23:21

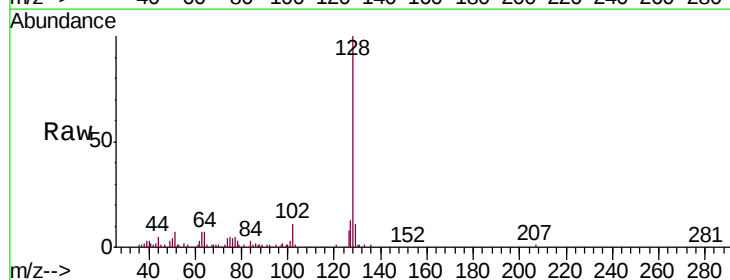
Tgt Ion: 128 Resp: 130865

Ion Ratio Lower Upper

128 100

129 10.8 8.3 12.5

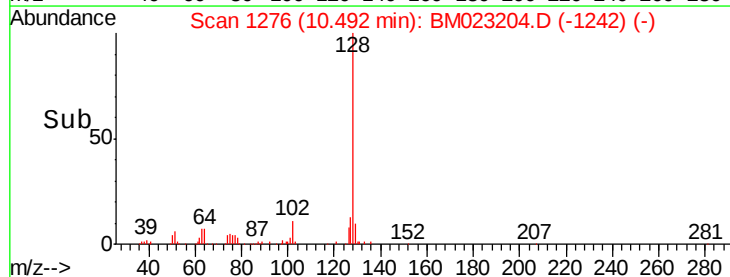
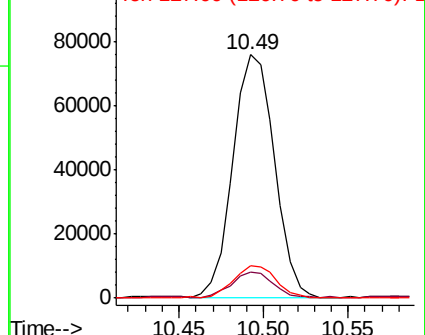
127 13.3 10.2 15.4

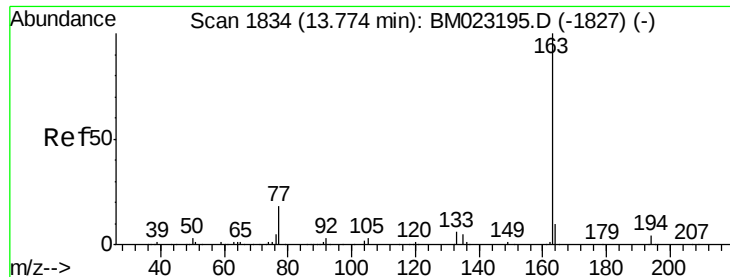


Abundance Ion 128.00 (127.70 to 128.70): BM023195.D (-1266) (-)

Ion 129.00 (128.70 to 129.70): BM023195.D (-1266) (-)

Ion 127.00 (126.70 to 127.70): BM023195.D (-1266) (-)





#45

Dimethylphthalate

Concen: 5.723 ng/ul

RT: 13.77 min Scan# 1834

Delta R.T. -0.00 min

Lab File: BM023204.D

Acq: 16 Oct 2019 23:21

Instrument :

BNA_M

ClientSampleId :

BFB73

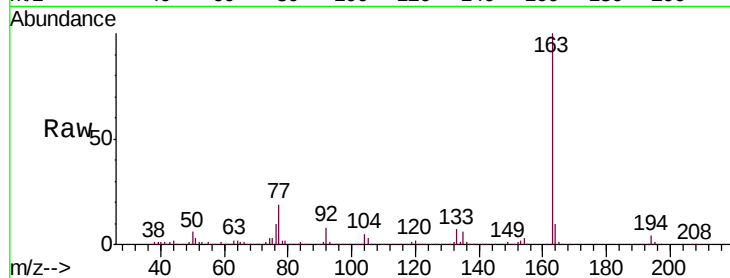
Tgt Ion:163 Resp: 457848

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

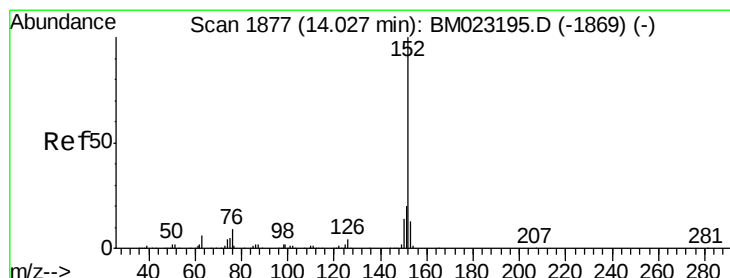
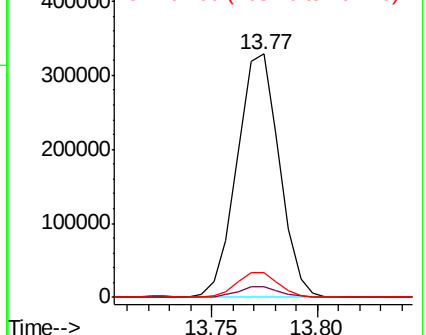
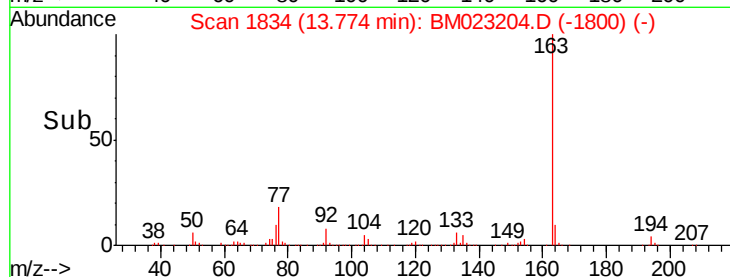
164 10.1 8.0 12.0



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



#48

Acenaphthylene

Concen: 1.867 ng/ul

RT: 14.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: BM023204.D

Acq: 16 Oct 2019 23:21

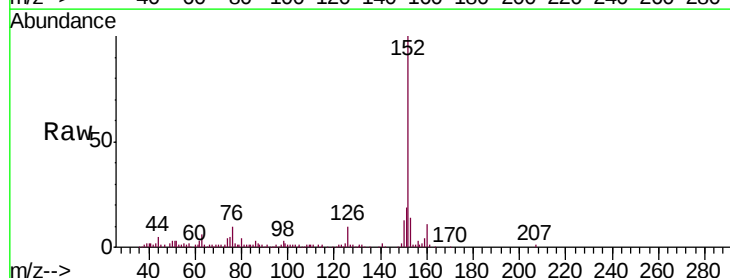
Tgt Ion:152 Resp: 178946

Ion Ratio Lower Upper

152 100

151 19.4 15.8 23.6

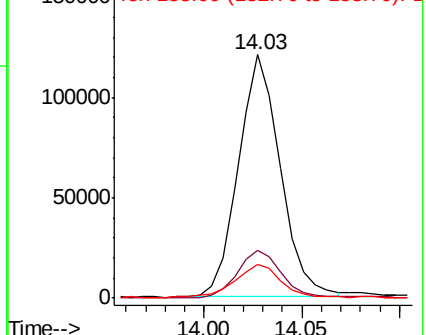
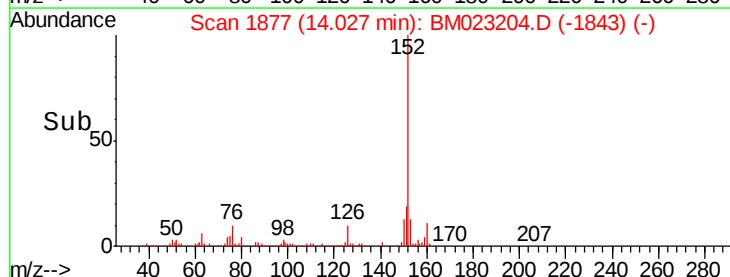
153 13.7 10.3 15.5

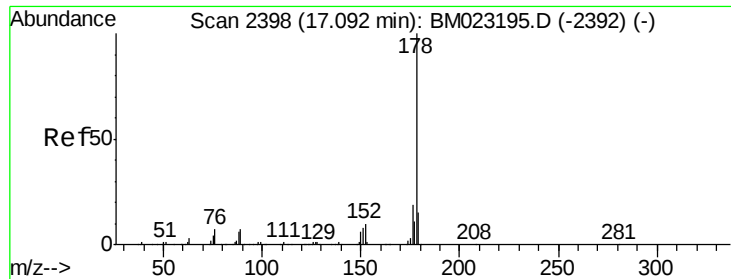


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#70

Phenanthrene

Concen: 6.647 ng/ul

RT: 17.10 min Scan# 2399

Delta R.T. 0.01 min

Lab File: BM023204.D

Acq: 16 Oct 2019 23:21

Instrument :

BNA_M

ClientSampleId :

BFB73

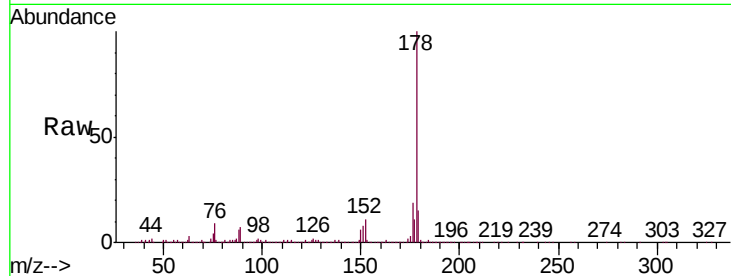
Tgt Ion:178 Resp: 749172

Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

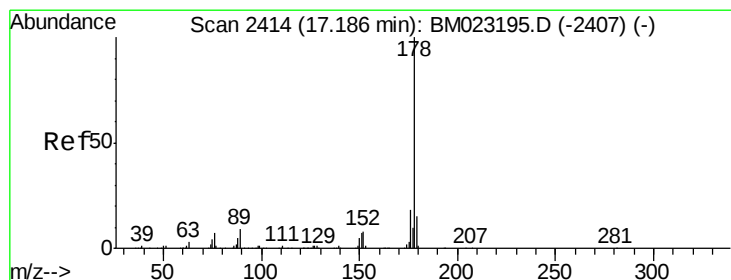
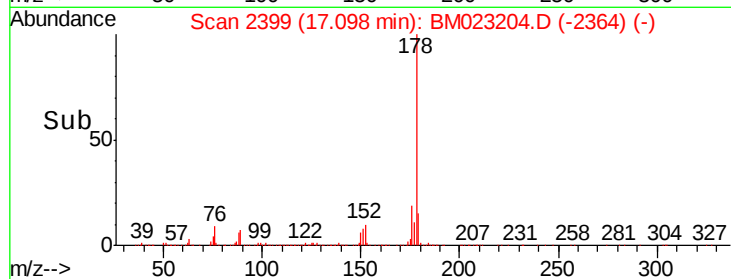
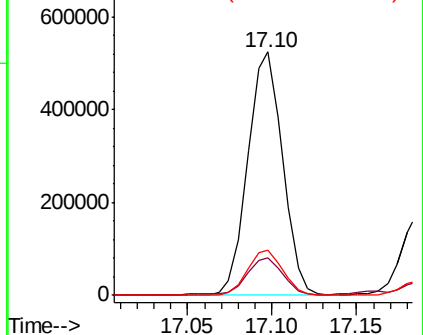
176 18.8 15.5 23.3



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



#72

Anthracene

Concen: 2.105 ng/ul

RT: 17.19 min Scan# 2414

Delta R.T. -0.00 min

Lab File: BM023204.D

Acq: 16 Oct 2019 23:21

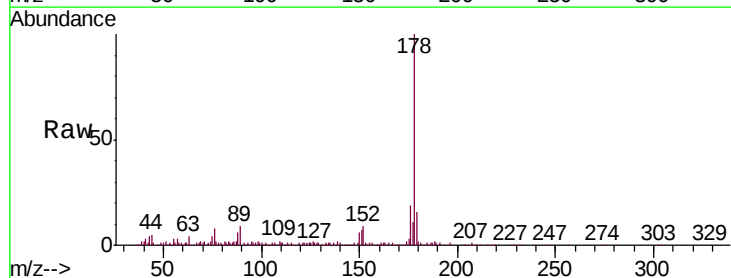
Tgt Ion:178 Resp: 245117

Ion Ratio Lower Upper

178 100

179 16.0 12.3 18.5

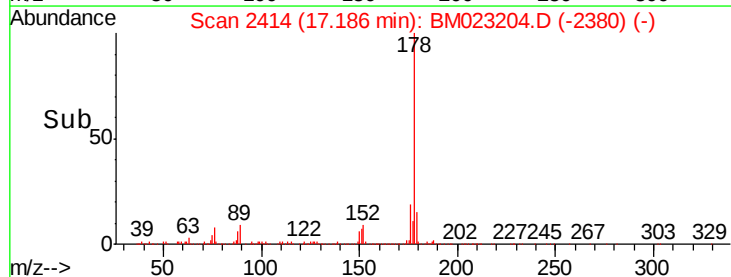
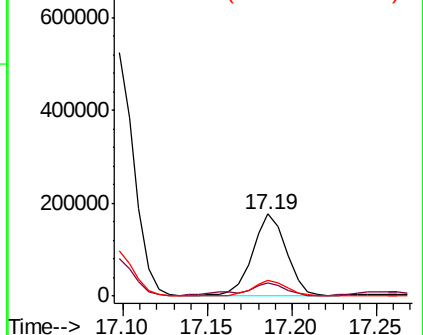
176 18.7 15.0 22.4

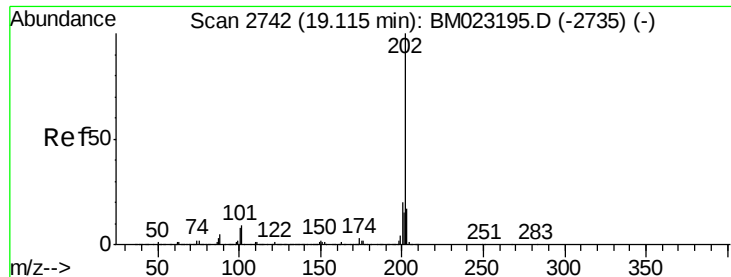


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

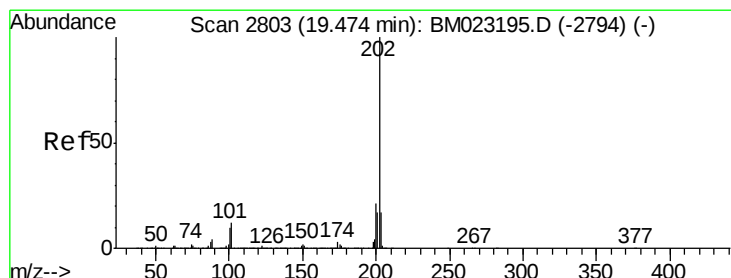
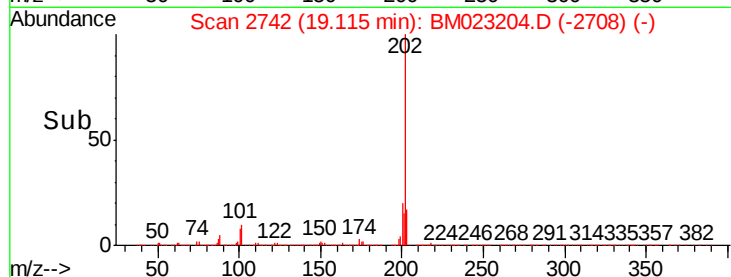
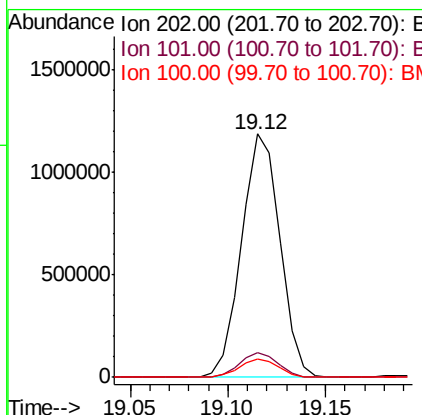
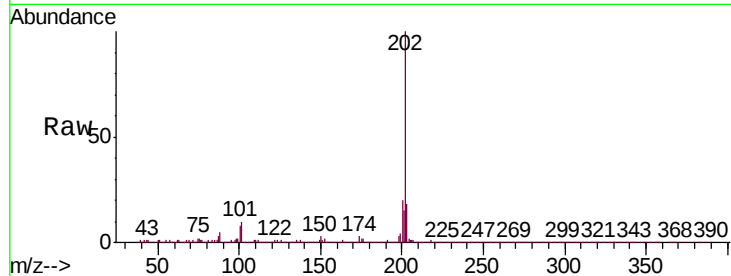




#77
 Fluoranthene
 Concen: 12.056 ng/ul
 RT: 19.12 min Scan# 2742
 Delta R.T. -0.00 min
 Lab File: BM023204.D
 Acq: 16 Oct 2019 23:21

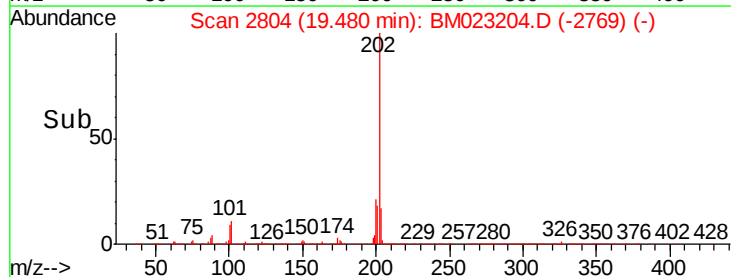
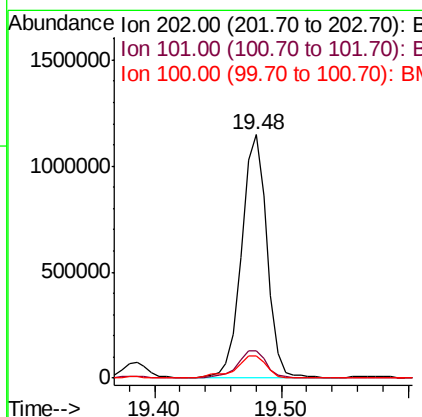
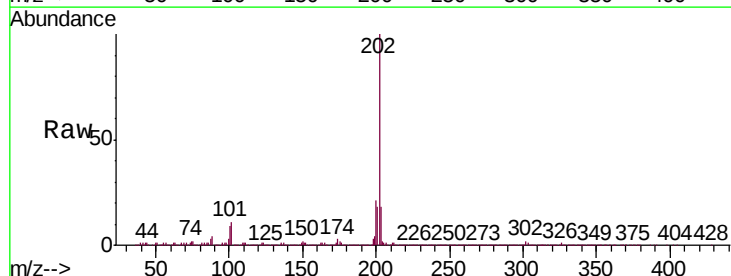
Instrument :
 BNA_M
 ClientSampleId :
 BFB73

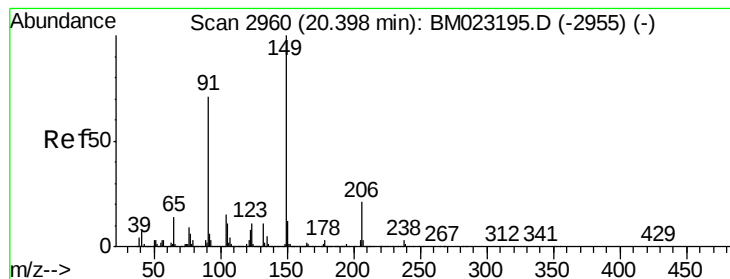
Tgt Ion:202 Resp: 1616019
 Ion Ratio Lower Upper
 202 100
 101 10.3 7.8 11.8
 100 7.8 6.1 9.1



#80
 Pyrene
 Concen: 13.081 ng/ul
 RT: 19.48 min Scan# 2804
 Delta R.T. 0.01 min
 Lab File: BM023204.D
 Acq: 16 Oct 2019 23:21

Tgt Ion:202 Resp: 1570160
 Ion Ratio Lower Upper
 202 100
 101 10.9 9.1 13.7
 100 9.3 7.5 11.3





#81

Butylbenzylphthalate

Concen: 1.052 ng/ul

RT: 20.40 min Scan# 2961

Delta R.T. 0.01 min

Lab File: BM023204.D

Acq: 16 Oct 2019 23:21

Instrument :

BNA_M

ClientSampled :

BFB73

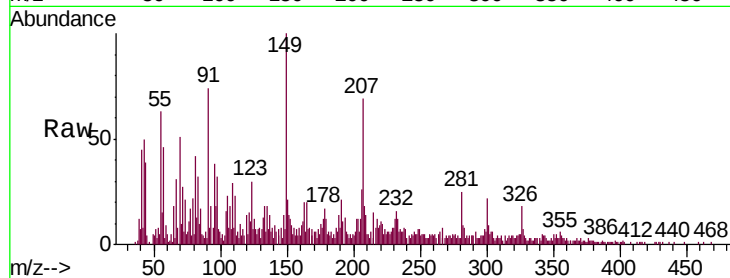
Tgt Ion:149 Resp: 43924

Ion Ratio Lower Upper

149 100

91 73.8 59.9 89.9

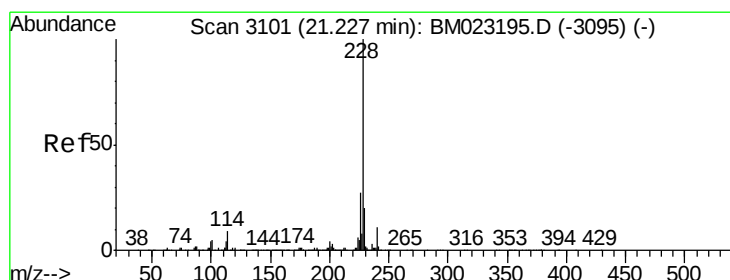
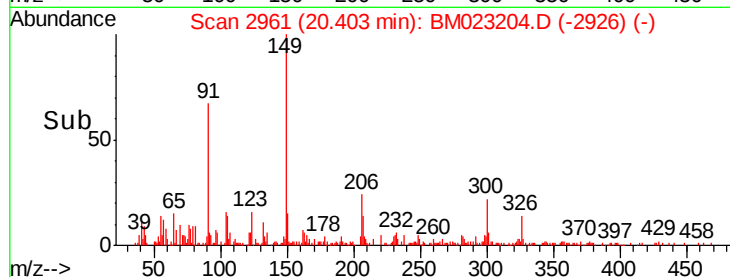
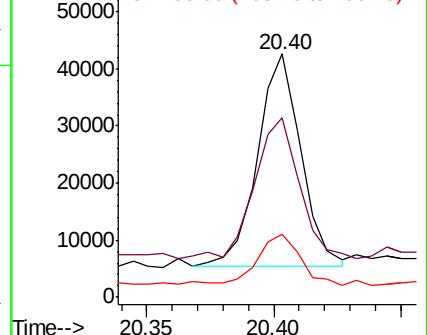
206 25.7 17.1 25.7#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E



#83

Benzo(a)anthracene

Concen: 8.853 ng/ul

RT: 21.28 min Scan# 3110

Delta R.T. 0.05 min

Lab File: BM023204.D

Acq: 16 Oct 2019 23:21

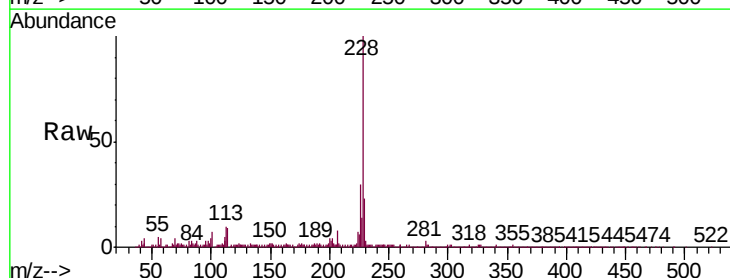
Tgt Ion:228 Resp: 1149378

Ion Ratio Lower Upper

228 100

229 22.5 15.7 23.5

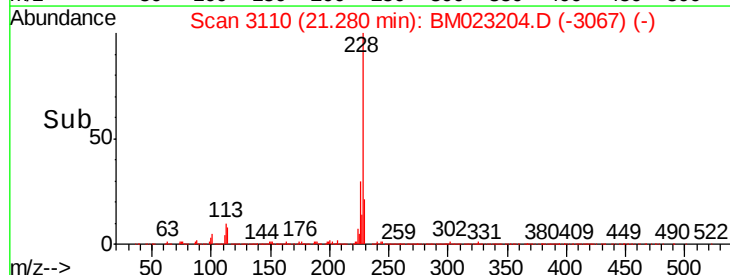
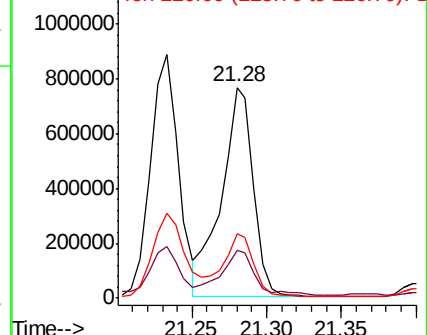
226 30.4 21.6 32.4

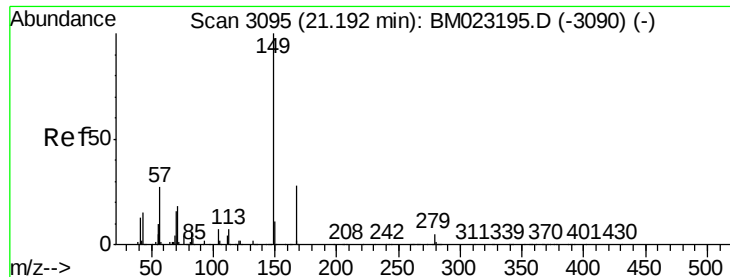


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

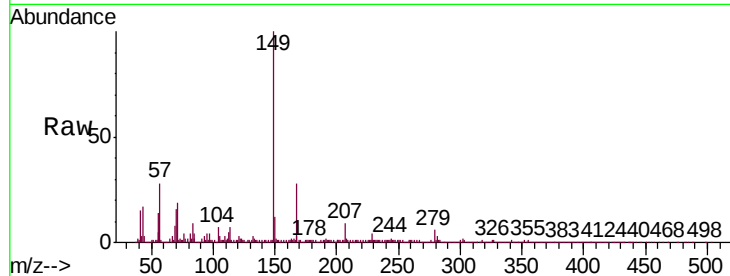




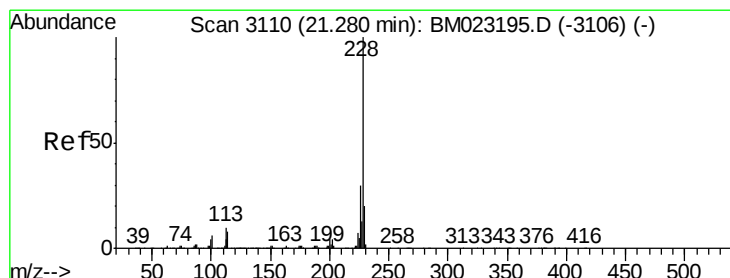
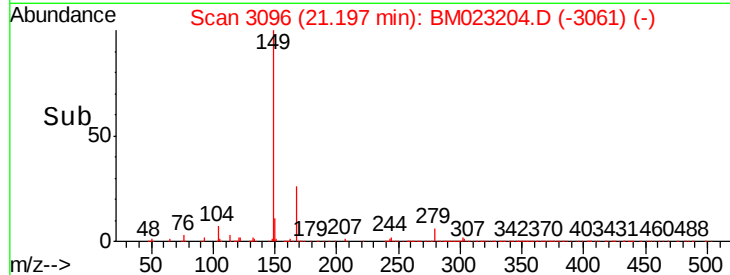
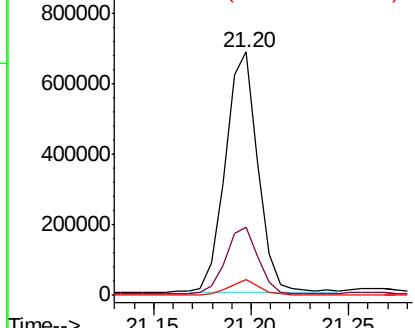
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 11.866 ng/ul
 RT: 21.20 min Scan# 3096
 Delta R.T. 0.01 min
 Lab File: BM023204.D
 Acq: 16 Oct 2019 23:21

Instrument :
 BNA_M
 ClientSampleId :
 BFB73

Tgt Ion:149 Resp: 787715
 Ion Ratio Lower Upper
 149 100
 167 28.1 22.5 33.7
 279 6.2 4.0 6.0#

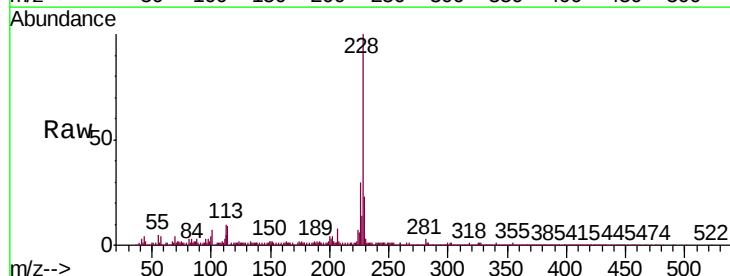


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

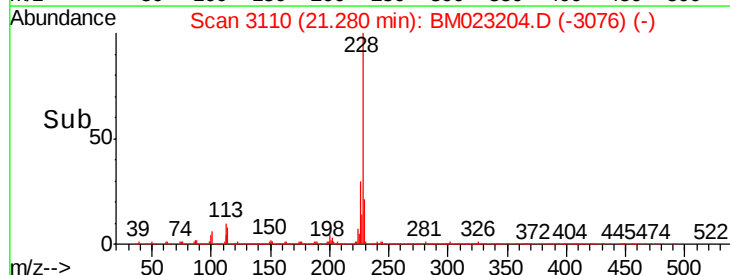
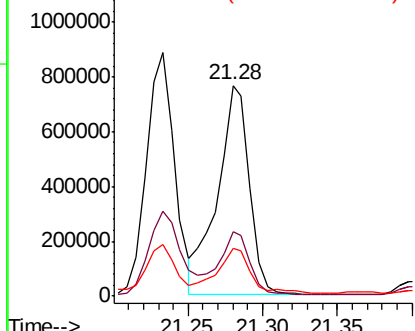


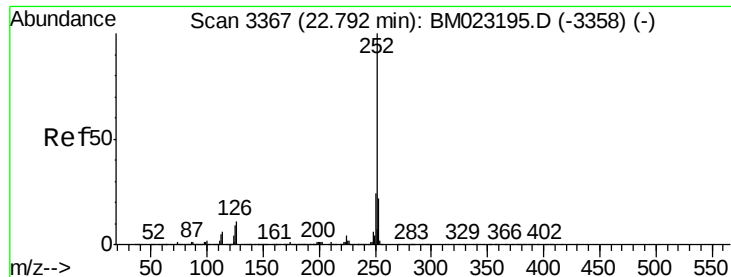
#85
 Chrysene
 Concen: 9.534 ng/ul
 RT: 21.28 min Scan# 3110
 Delta R.T. -0.00 min
 Lab File: BM023204.D
 Acq: 16 Oct 2019 23:21

Tgt Ion:228 Resp: 1149378
 Ion Ratio Lower Upper
 228 100
 226 30.4 23.8 35.6
 229 22.5 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





#88

Benzo(b)fluoranthene

Concen: 12.854 ng/ul

RT: 22.80 min Scan# 3369

Delta R.T. 0.01 min

Lab File: BM023204.D

Acq: 16 Oct 2019 23:21

Instrument :

BNA_M

ClientSampled :

BFB73

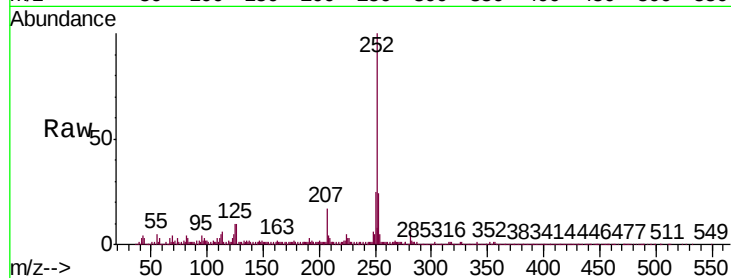
Tgt Ion:252 Resp: 1846114

Ion Ratio Lower Upper

252 100

253 23.6 17.6 26.4

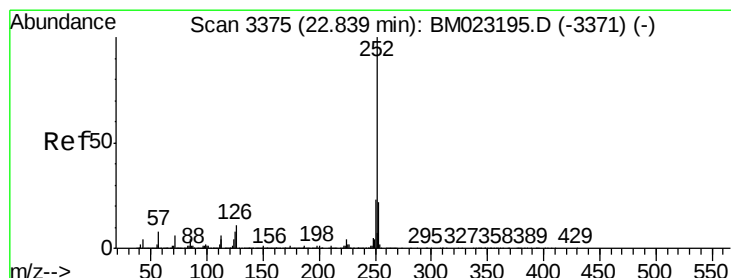
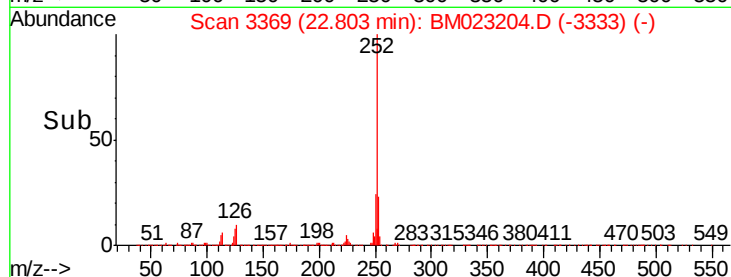
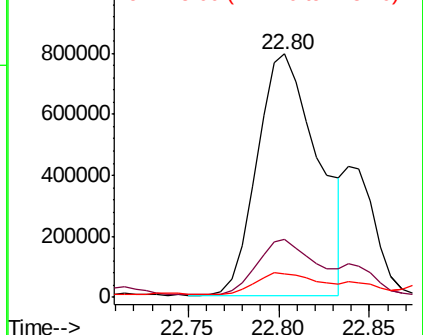
125 9.6 6.4 9.6#



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

Benzo(k)fluoranthene

Concen: 13.387 ng/ul

RT: 22.80 min Scan# 3369

Delta R.T. -0.04 min

Lab File: BM023204.D

Acq: 16 Oct 2019 23:21

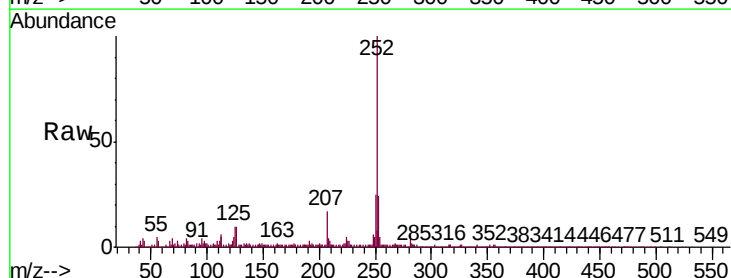
Tgt Ion:252 Resp: 1846114

Ion Ratio Lower Upper

252 100

253 23.6 17.4 26.0

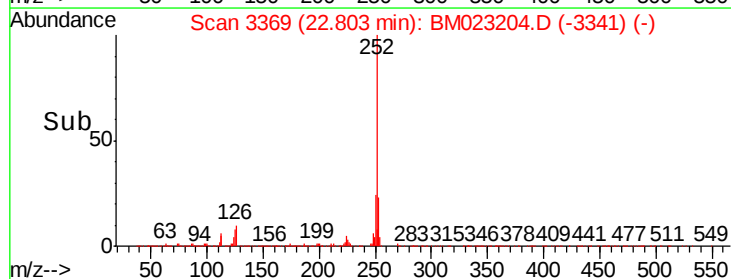
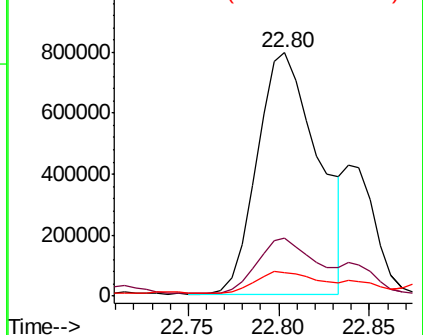
125 9.6 6.5 9.7

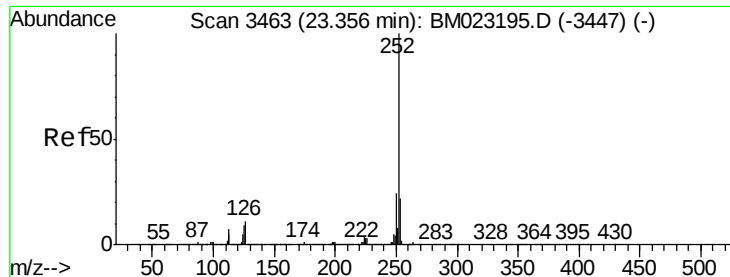


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 9.686 ng/ul

RT: 23.36 min Scan# 3464

Delta R.T. 0.01 min

Lab File: BM023204.D

Acq: 16 Oct 2019 23:21

Instrument :

BNA_M

ClientSampleId :

BFB73

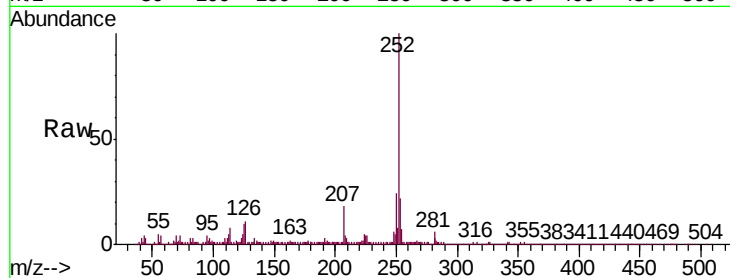
Tgt Ion:252 Resp: 1334696

Ion Ratio Lower Upper

252 100

253 22.3 17.2 25.8

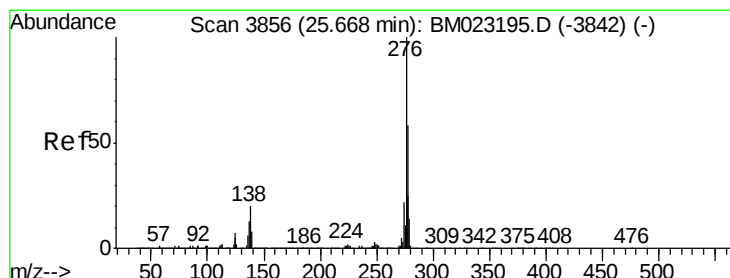
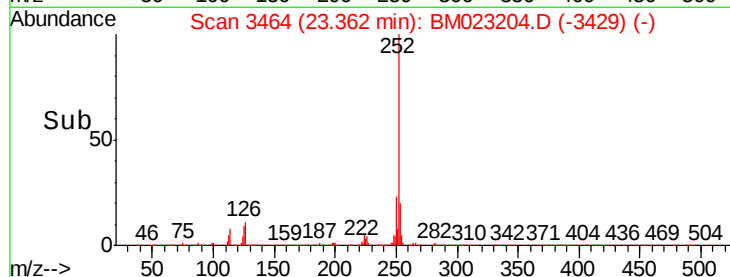
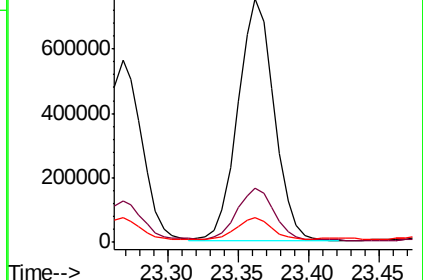
125 10.3 7.4 11.0



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



#92

Indeno(1,2,3-cd)pyrene

Concen: 6.204 ng/ul

RT: 25.67 min Scan# 3857

Delta R.T. 0.01 min

Lab File: BM023204.D

Acq: 16 Oct 2019 23:21

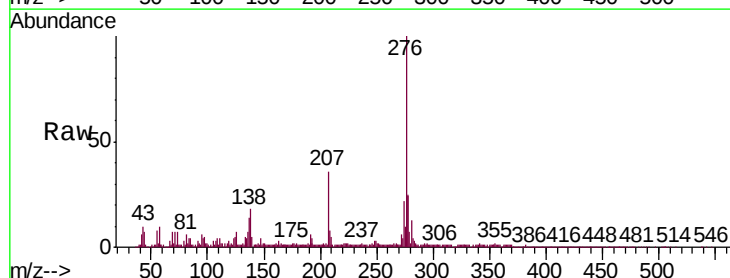
Tgt Ion:276 Resp: 1016992

Ion Ratio Lower Upper

276 100

138 17.6 14.9 22.3

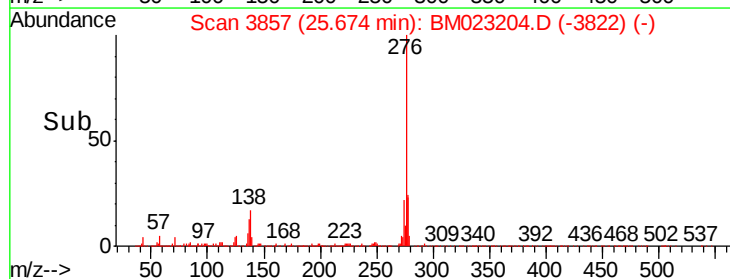
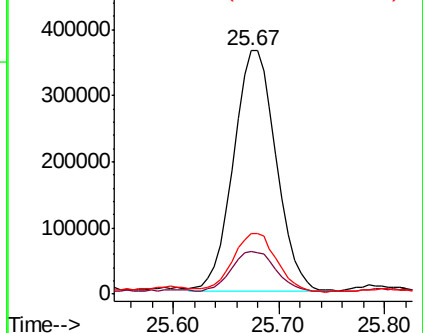
277 24.8 19.8 29.8

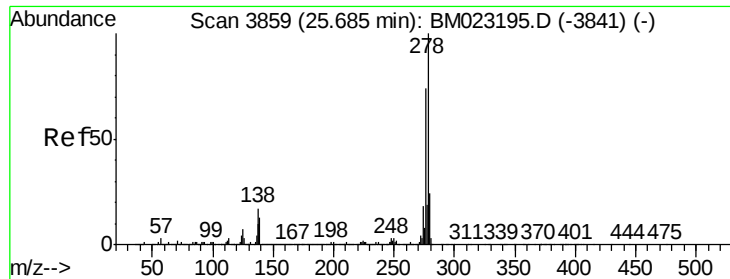


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Dibenzo(a,h)anthracene

Concen: 2.148 ng/ul

RT: 25.69 min Scan# 3859

Delta R.T. -0.00 min

Lab File: BM023204.D

Acq: 16 Oct 2019 23:21

Instrument :

BNA_M

ClientSampleId :

BFB73

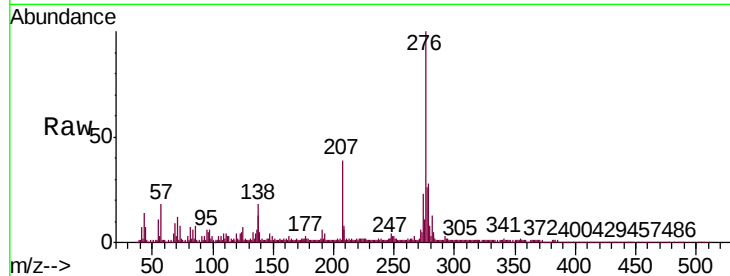
Tgt Ion:278 Resp: 294348

Ion Ratio Lower Upper

278 100

139 16.5 10.0 15.0#

279 28.1 19.4 29.0

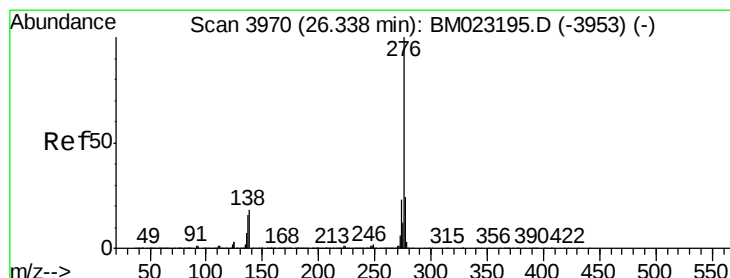
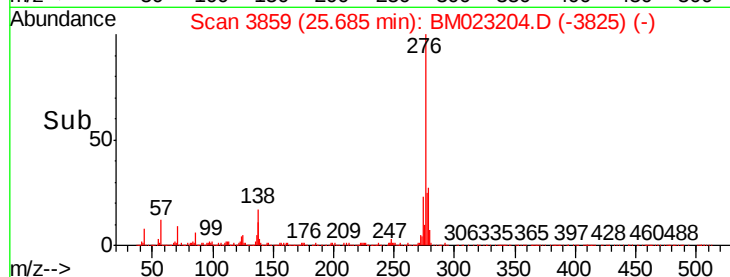
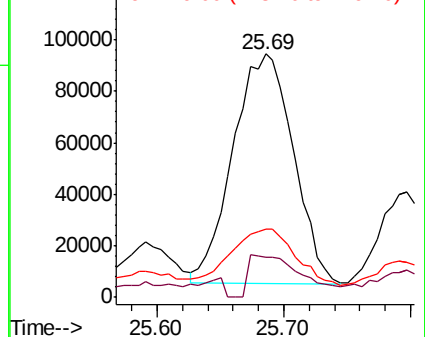


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#94

Benzo(g,h,i)perylene

Concen: 7.239 ng/ul

RT: 26.35 min Scan# 3972

Delta R.T. 0.01 min

Lab File: BM023204.D

Acq: 16 Oct 2019 23:21

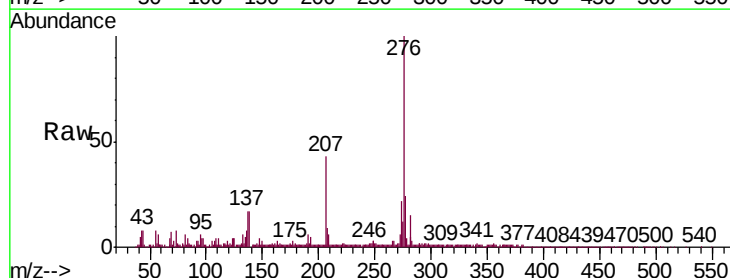
Tgt Ion:276 Resp: 976967

Ion Ratio Lower Upper

276 100

138 17.4 14.4 21.6

277 24.3 19.4 29.2



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

