

Data File : BM023336.D
Acq On : 23 Oct 2019 01:31
Operator : JU
Sample : K5354-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFB82

Quant Time: Oct 23 04:31:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 23 04:28:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	405970	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1685553	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	1073969	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	2224576	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	2262543	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	2728018	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.17	96	30604	3.32	ng/uL	0.00
5) Phenol-d5	6.82	99	613550	17.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	349698	17.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	504804	18.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	479933	16.90	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	243134	21.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	273053	25.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	511568	18.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	625692	18.63	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	1608873	19.55	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	1879311	19.47	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	192806	14.47	ng/ul	0.00
58) Fluorene-d10	15.29	176	1399729	19.96	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	157627	17.87	ng/ul	0.00
71) Anthracene-d10	17.14	188	2177111	20.30	ng/ul	0.00
79) Pyrene-d10	19.43	212	2455292	22.41	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	2907753	21.03	ng/ul	0.00

Target Compounds

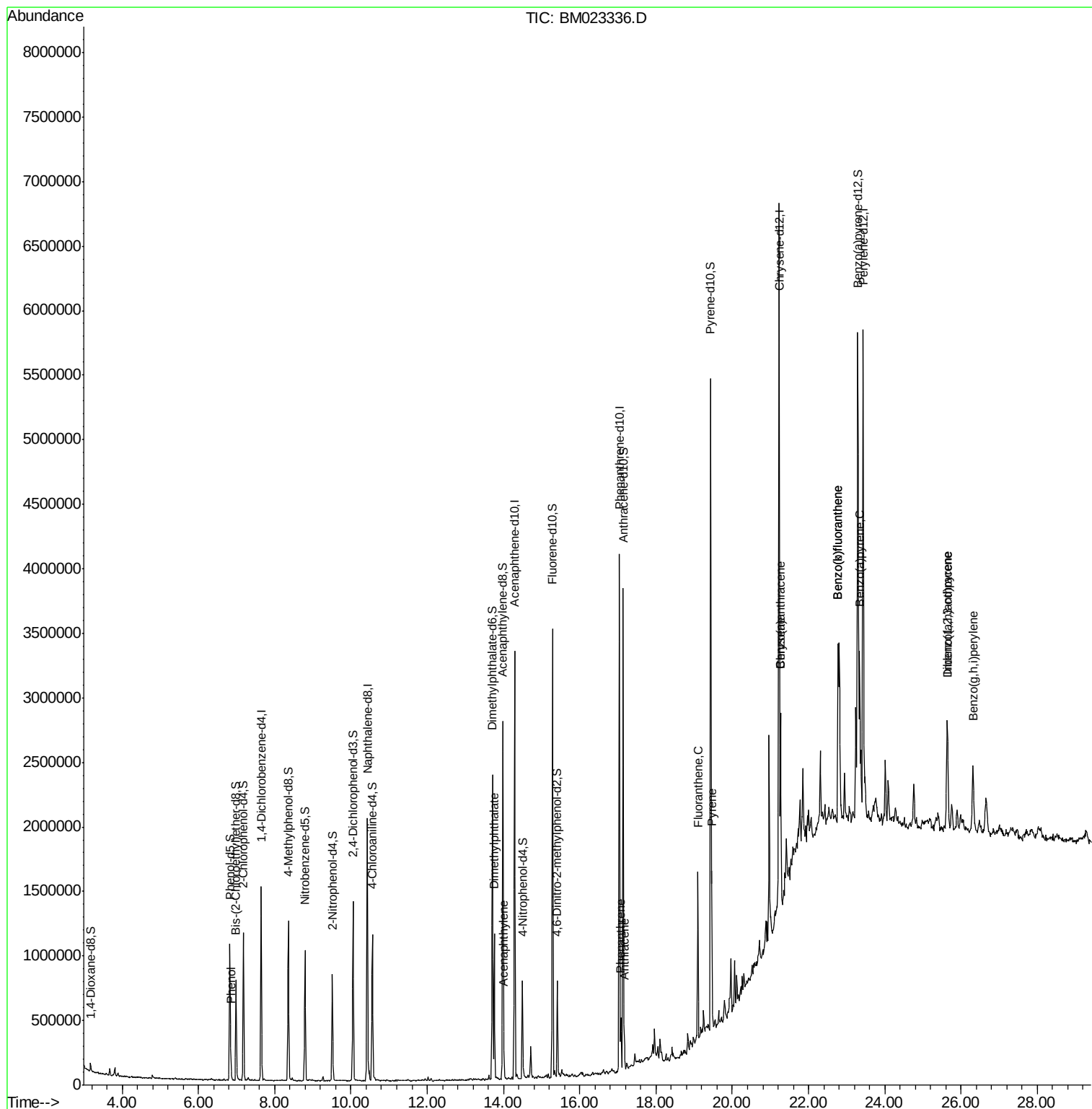
						Qvalue
6) Phenol	6.85	94	65583	1.799	ng/ul	96
45) Dimethylphthalate	13.76	163	694478	8.431	ng/ul	99
48) Acenaphthylene	14.01	152	113201	1.147	ng/ul	97
70) Phenanthrene	17.08	178	240156	1.924	ng/ul	98
72) Anthracene	17.17	178	190674	1.478	ng/ul	99
77) Fluoranthene	19.10	202	780365	5.256	ng/ul	98
80) Pyrene	19.46	202	723373	5.104	ng/ul	97
83) Benzo(a)anthracene	21.26	228	891079	5.812	ng/ul	94
85) Chrysene	21.26	228	893302	6.275	ng/ul	97
88) Benzo(b)fluoranthene	22.77	252	1271845	7.689	ng/ul	97
89) Benzo(k)fluoranthene	22.77	252	1271845	8.008	ng/ul	97
91) Benzo(a)pyrene	23.34	252	947901	5.973	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.64	276	686605	3.637	ng/ul	98
93) Dibenzo(a,h)anthracene	25.64	278	195073	1.236	ng/ul	93
94) Benzo(g,h,i)perylene	26.32	276	631329	4.062	ng/ul	97

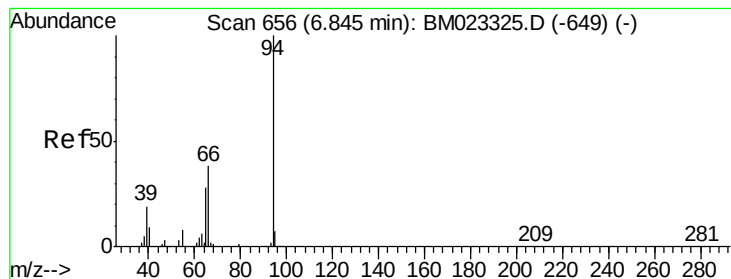
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.799 ng/ul

RT: 6.85 min Scan# 657

Delta R.T. 0.01 min

Lab File: BM023336.D

Acq: 23 Oct 2019 01:31

Instrument :

BNA_M

ClientSampleId :

BFB82

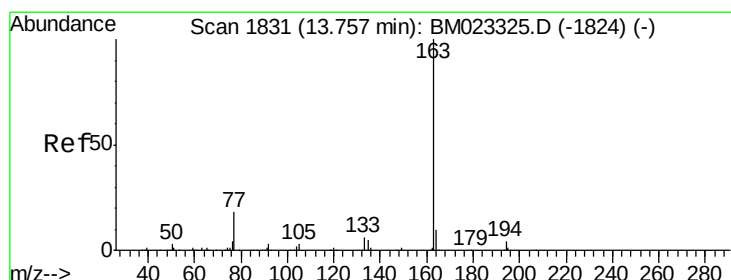
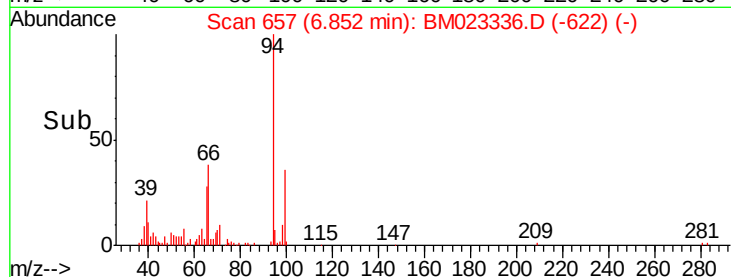
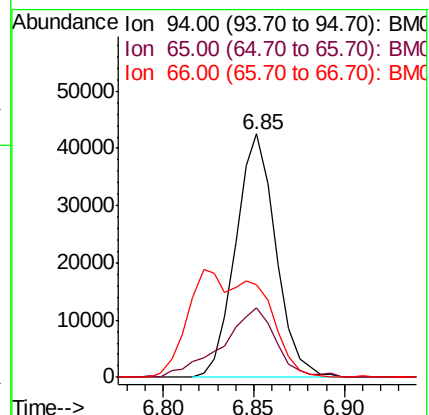
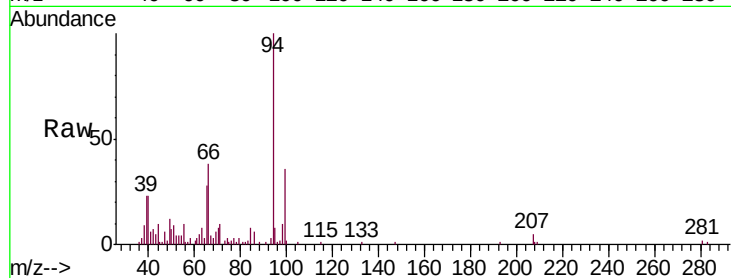
Tgt Ion: 94 Resp: 65583

Ion Ratio Lower Upper

94 100

65 28.5 23.2 34.8

66 37.8 32.9 49.3



#45

Dimethylphthalate

Concen: 8.431 ng/ul

RT: 13.76 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BM023336.D

Acq: 23 Oct 2019 01:31

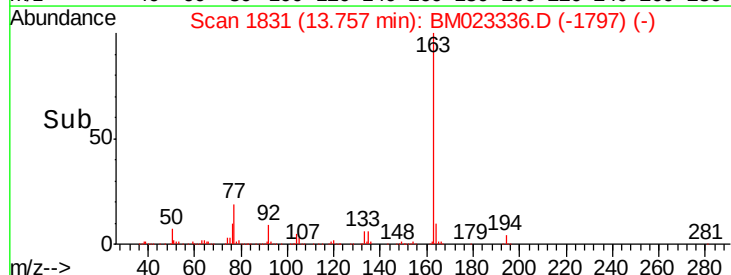
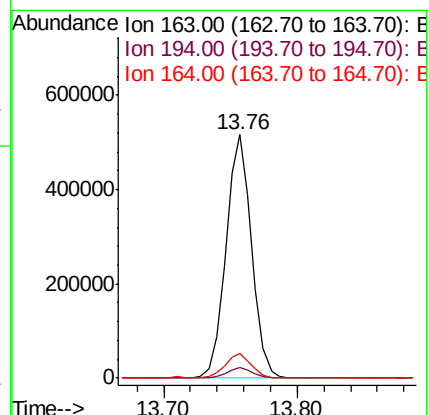
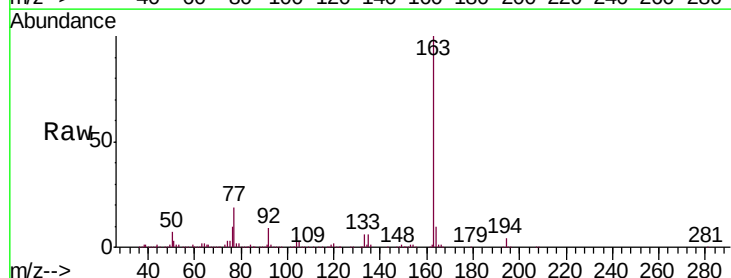
Tgt Ion: 163 Resp: 694478

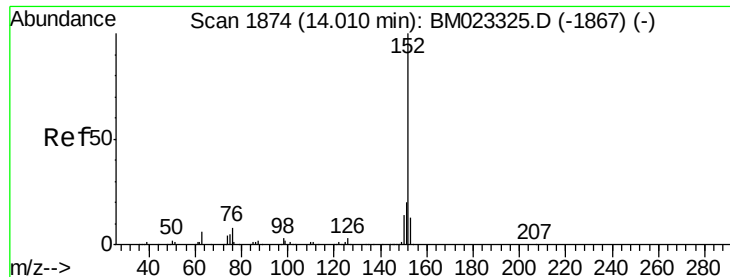
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

164 10.3 7.8 11.6





#48

Acenaphthylene

Concen: 1.147 ng/ul

RT: 14.01 min Scan# 1874

Delta R.T. 0.00 min

Lab File: BM023336.D

Acq: 23 Oct 2019 01:31

Instrument :

BNA_M

ClientSampleId :

BFB82

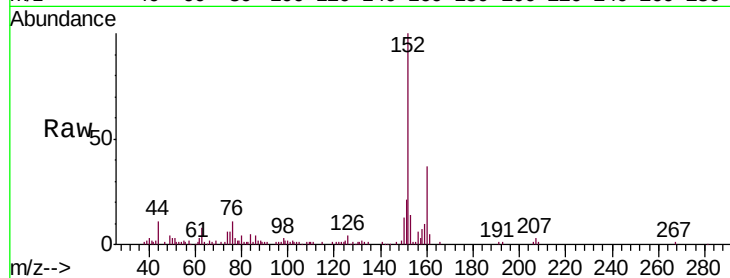
Tgt Ion:152 Resp: 113201

Ion Ratio Lower Upper

152 100

151 21.2 15.9 23.9

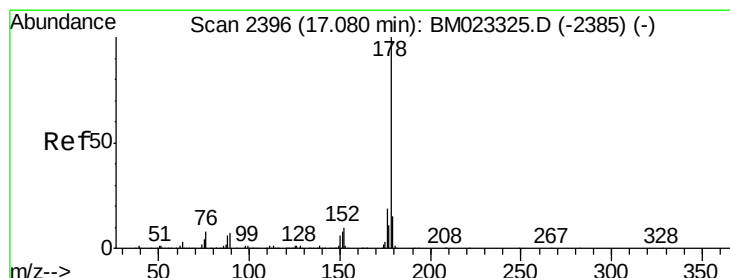
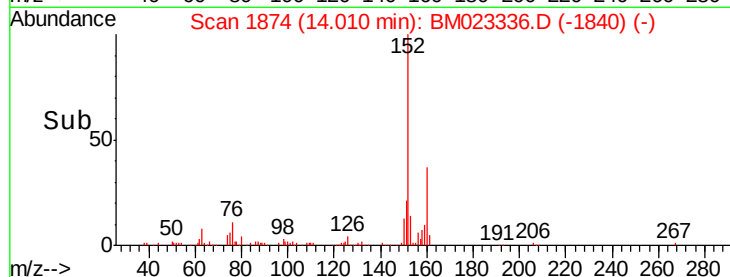
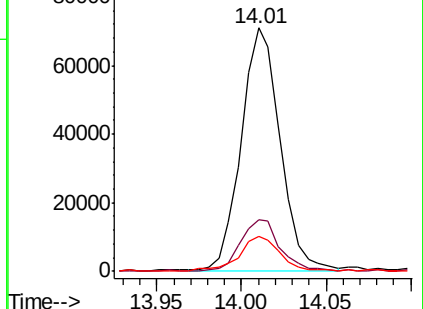
153 14.5 10.3 15.5



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: 1.924 ng/ul

RT: 17.08 min Scan# 2396

Delta R.T. 0.00 min

Lab File: BM023336.D

Acq: 23 Oct 2019 01:31

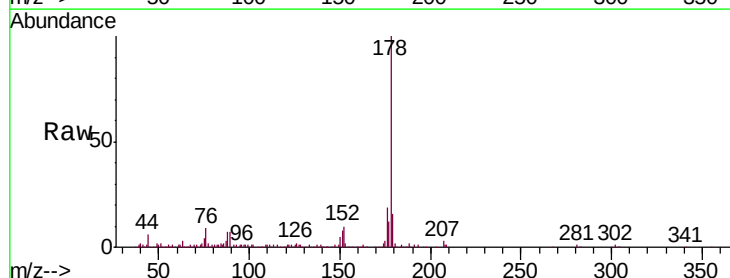
Tgt Ion:178 Resp: 240156

Ion Ratio Lower Upper

178 100

179 15.9 11.7 17.5

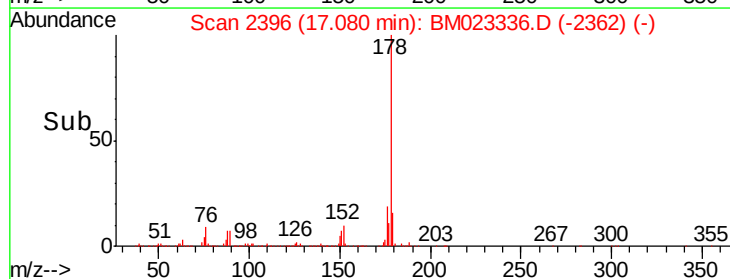
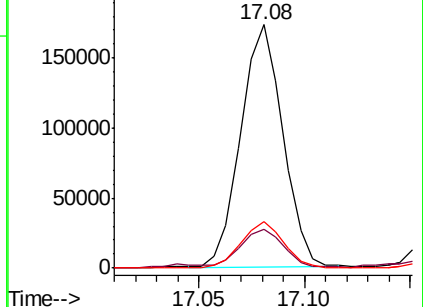
176 19.0 15.0 22.4

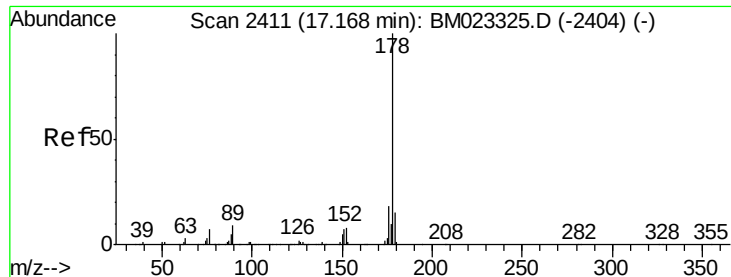


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 1.478 ng/ul

RT: 17.17 min Scan# 2411

Delta R.T. 0.00 min

Lab File: BM023336.D

Acq: 23 Oct 2019 01:31

Instrument :

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BFB82

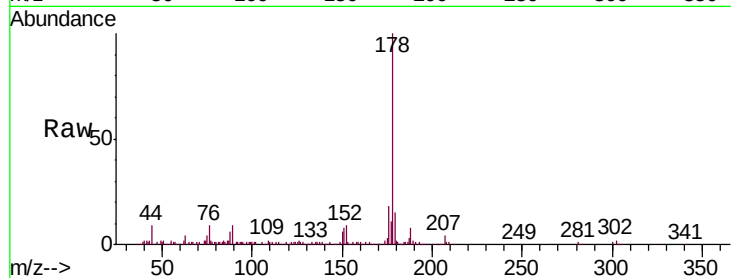
Tgt Ion:178 Resp: 190674

Ion Ratio Lower Upper

178 100

179 15.3 12.5 18.7

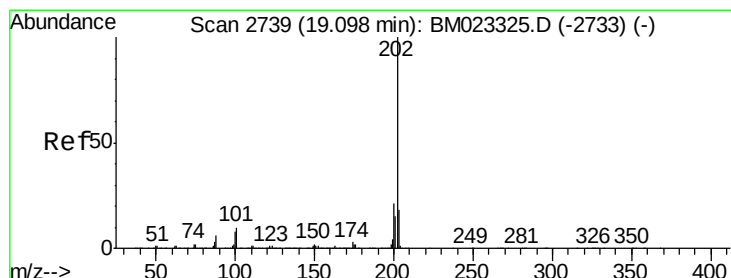
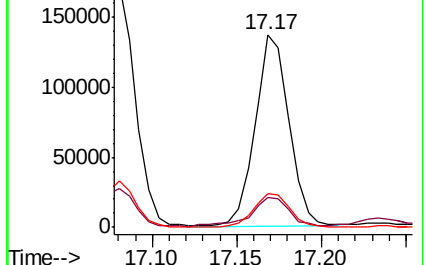
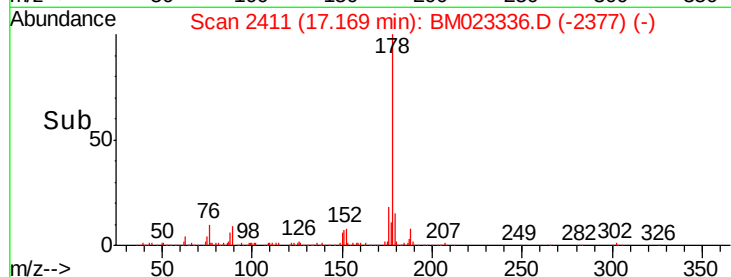
176 17.7 14.8 22.2



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: 5.256 ng/ul

RT: 19.10 min Scan# 2740

Delta R.T. 0.01 min

Lab File: BM023336.D

Acq: 23 Oct 2019 01:31

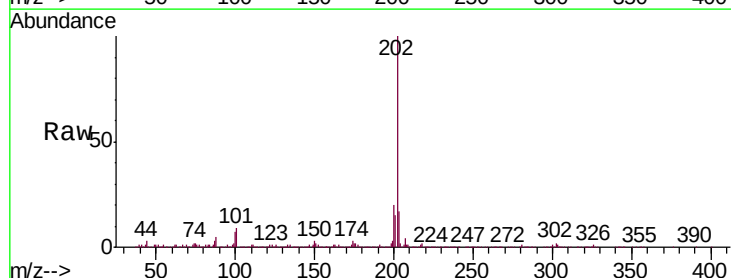
Tgt Ion:202 Resp: 780365

Ion Ratio Lower Upper

202 100

101 9.5 8.2 12.4

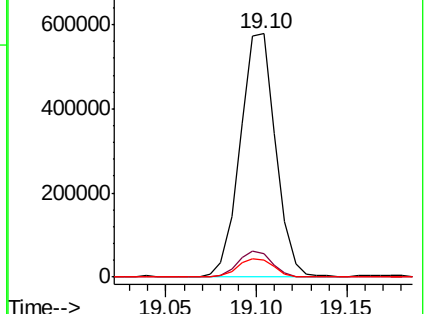
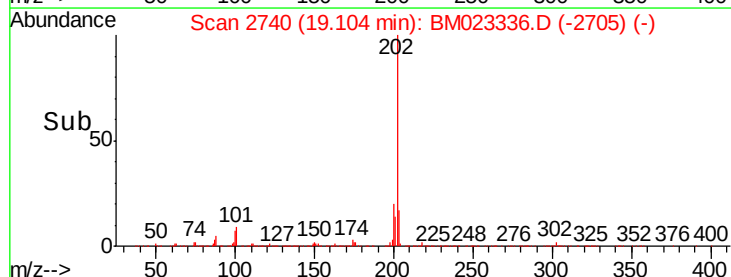
100 7.1 6.1 9.1

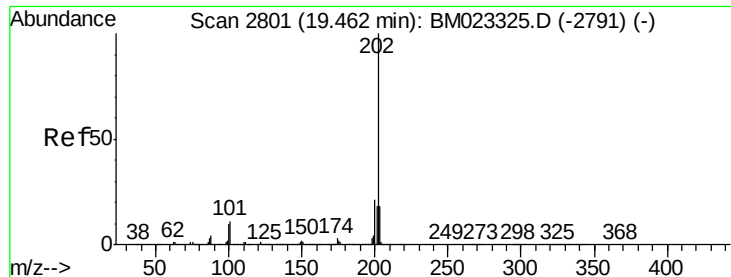


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

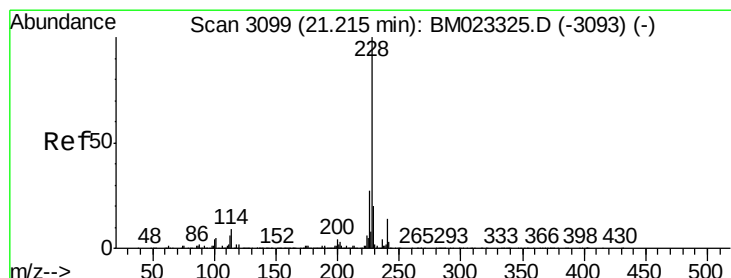
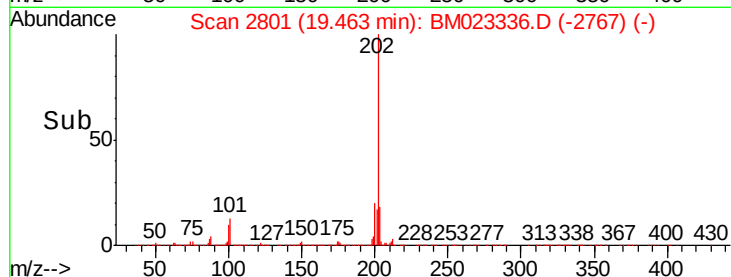
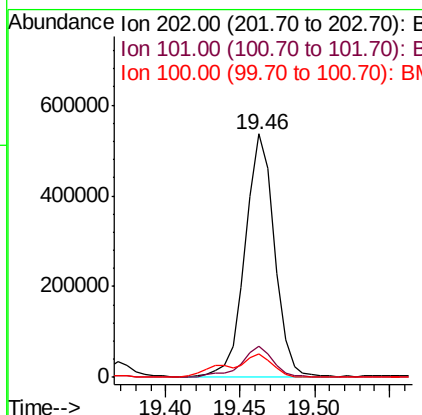
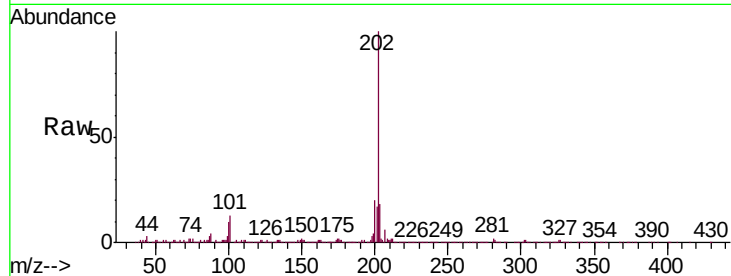




#80
 Pyrene
 Concen: 5.104 ng/ul
 RT: 19.46 min Scan# 2801
 Delta R.T. 0.00 min
 Lab File: BM023336.D
 Acq: 23 Oct 2019 01:31

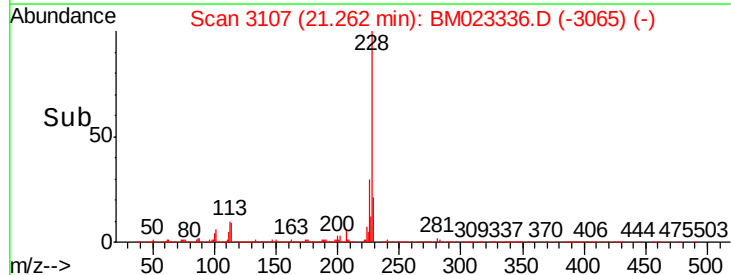
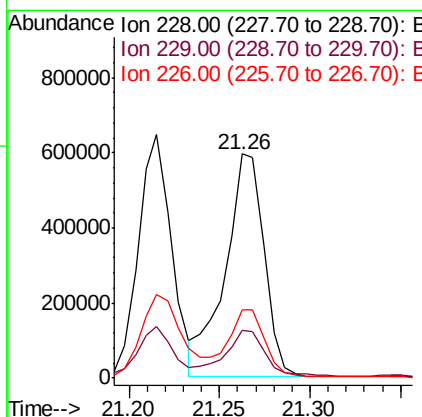
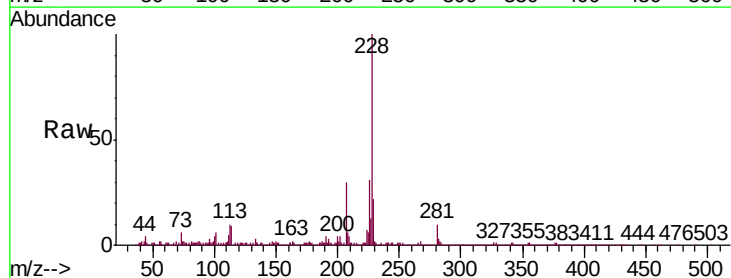
Instrument :
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 BFB82

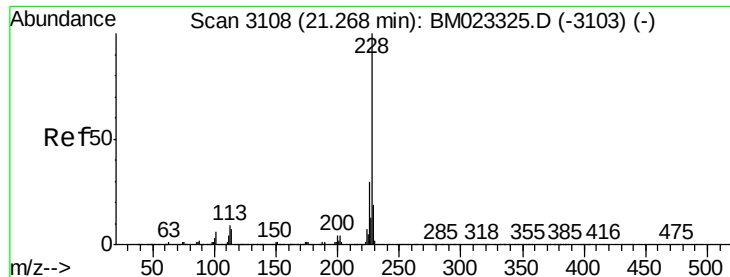
Tgt Ion: 202 Resp: 723373
 Ion Ratio Lower Upper
 202 100
 101 12.8 9.0 13.6
 100 9.9 7.5 11.3



#83
 Benzo(a)anthracene
 Concen: 5.812 ng/ul
 RT: 21.26 min Scan# 3107
 Delta R.T. 0.05 min
 Lab File: BM023336.D
 Acq: 23 Oct 2019 01:31

Tgt Ion: 228 Resp: 891079
 Ion Ratio Lower Upper
 228 100
 229 21.6 15.8 23.8
 226 30.6 21.5 32.3





#85

Chrysene

Concen: 6.275 ng/ul

RT: 21.26 min Scan# 3107

Delta R.T. -0.01 min

Lab File: BM023336.D

Acq: 23 Oct 2019 01:31

Instrument :

BNA_M

ClientSampleId :

BFB82

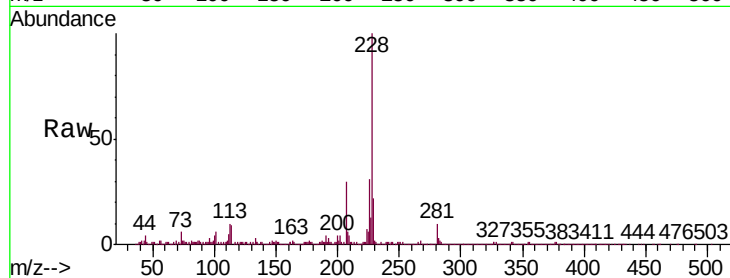
Tgt Ion:228 Resp: 893302

Ion Ratio Lower Upper

228 100

226 30.6 23.4 35.0

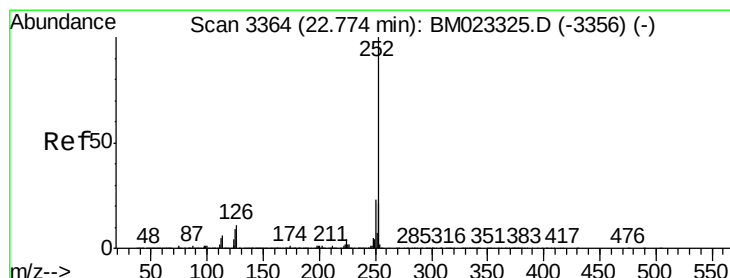
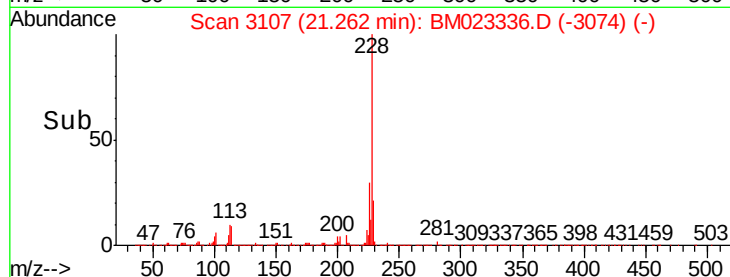
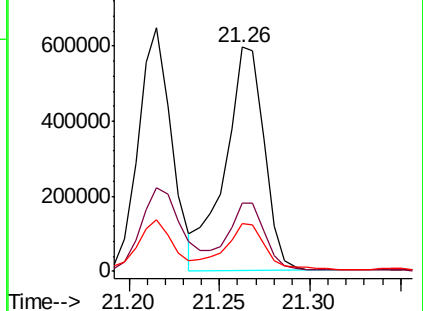
229 21.6 15.5 23.3



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: 7.689 ng/ul

RT: 22.77 min Scan# 3364

Delta R.T. 0.00 min

Lab File: BM023336.D

Acq: 23 Oct 2019 01:31

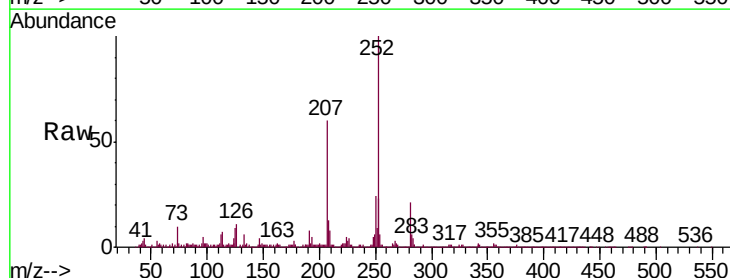
Tgt Ion:252 Resp: 1271845

Ion Ratio Lower Upper

252 100

253 23.1 17.3 25.9

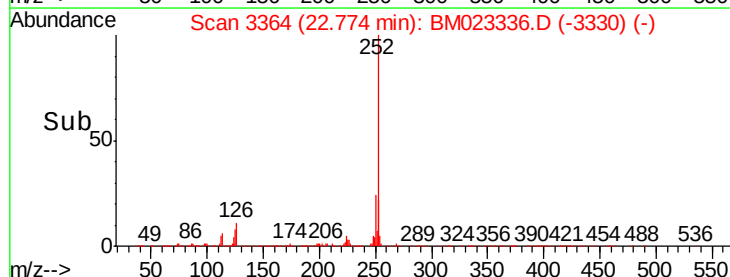
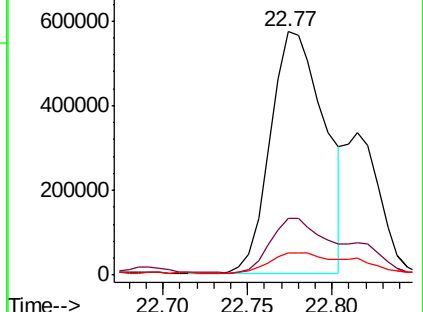
125 9.4 7.0 10.4

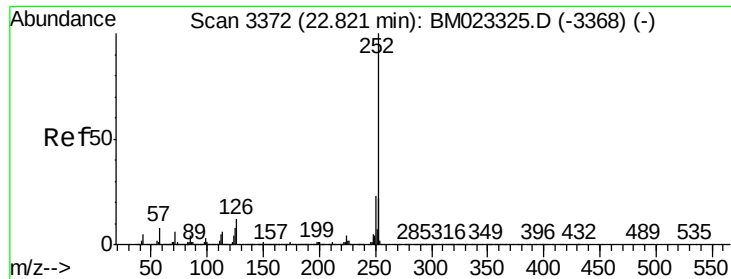


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

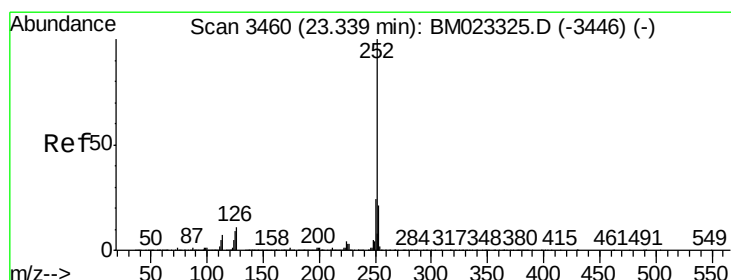
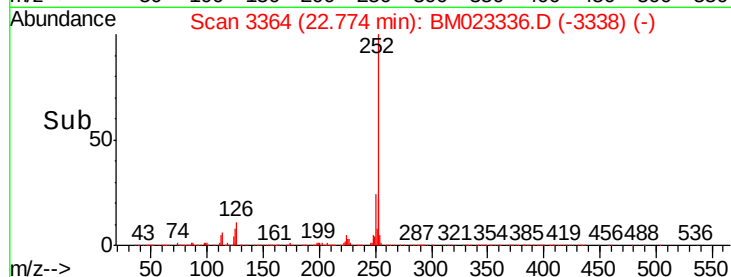
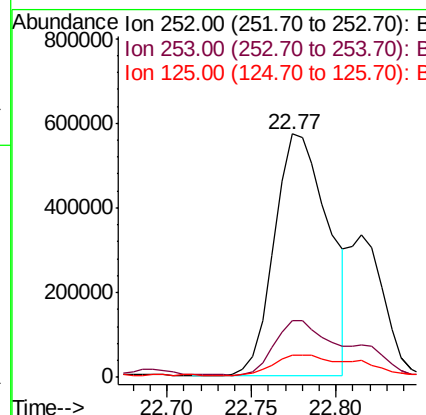
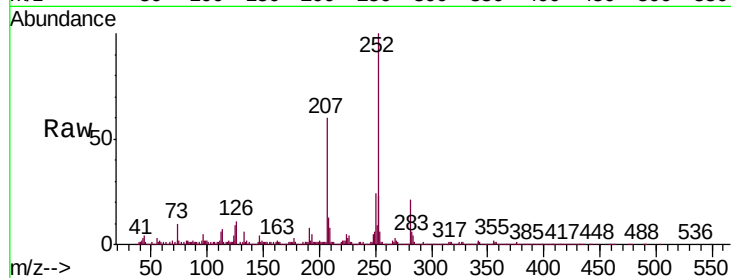




#89
Benzo(k)fluoranthene
Concen: 8.008 ng/ul
RT: 22.77 min Scan# 3364
Delta R.T. -0.05 min
Lab File: BM023336.D
Acq: 23 Oct 2019 01:31

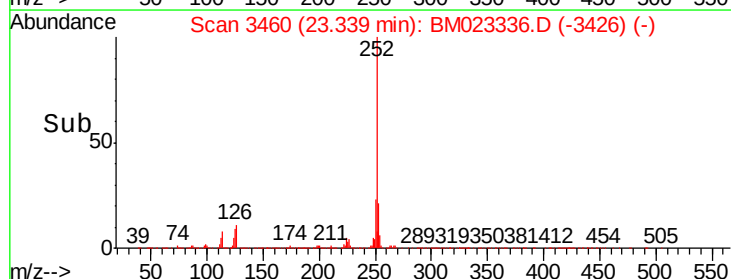
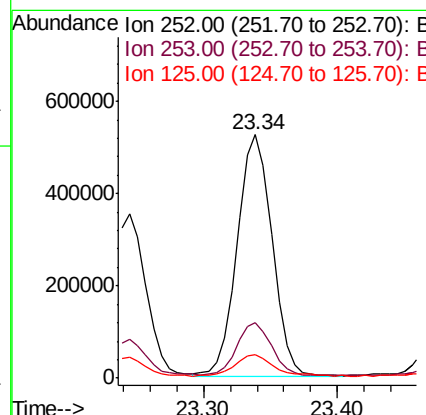
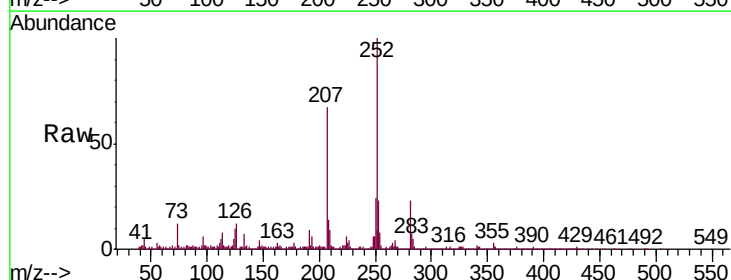
Instrument :
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ClientSampleId :
BFB82

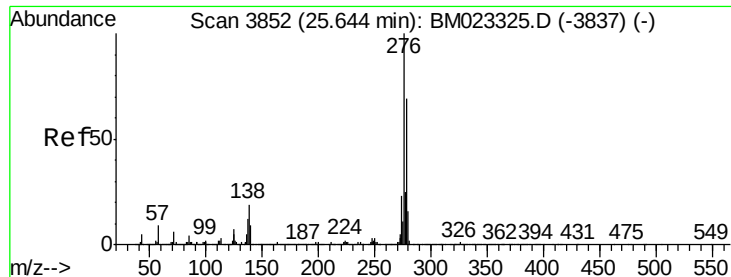
Tgt Ion:252 Resp: 1271845
Ion Ratio Lower Upper
252 100
253 23.1 17.5 26.3
125 9.4 6.6 9.8



#91
Benzo(a)pyrene
Concen: 5.973 ng/ul
RT: 23.34 min Scan# 3460
Delta R.T. 0.00 min
Lab File: BM023336.D
Acq: 23 Oct 2019 01:31

Tgt Ion:252 Resp: 947901
Ion Ratio Lower Upper
252 100
253 23.0 17.0 25.6
125 9.7 7.1 10.7



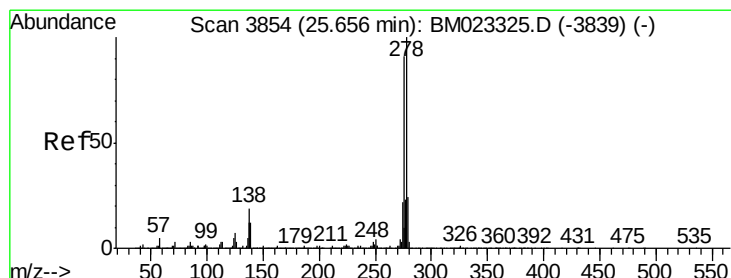
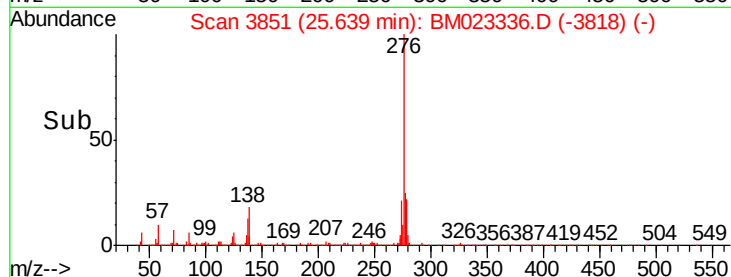
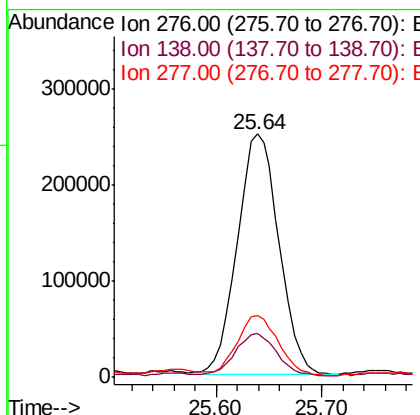
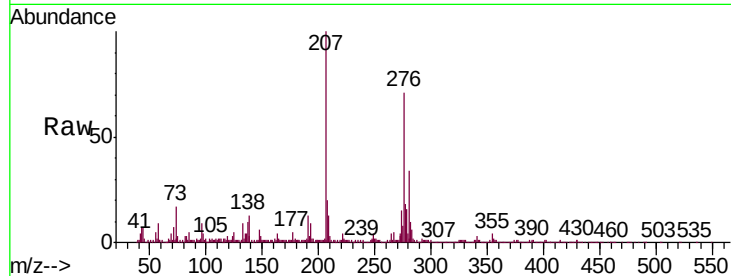


#92

Indeno(1,2,3-cd)pyrene
Concen: 3.637 ng/ul
RT: 25.64 min Scan# 3851
Delta R.T. -0.01 min
Lab File: BM023336.D
Acq: 23 Oct 2019 01:31

Instrument :
BNA_M
ClientSampleId :
BFB82

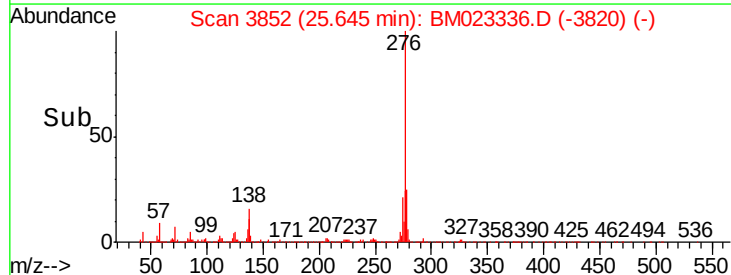
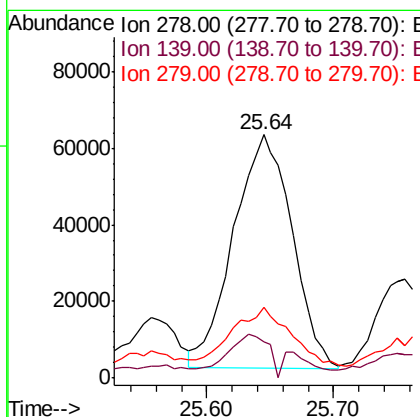
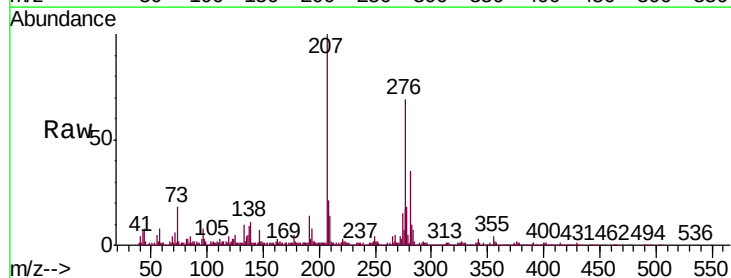
Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.3	15.8	23.6
277	25.6	19.8	29.8

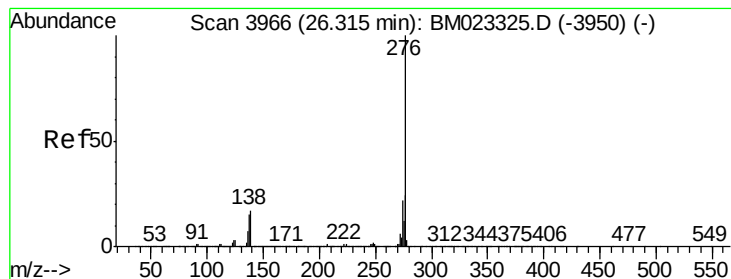


#93

Dibenzo(a,h)anthracene
Concen: 1.236 ng/ul
RT: 25.64 min Scan# 3852
Delta R.T. -0.01 min
Lab File: BM023336.D
Acq: 23 Oct 2019 01:31

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.9	10.5	15.7
279	29.0	19.7	29.5





#94

Benzo(g,h,i)perylene

Concen: 4.062 ng/ul

RT: 26.32 min Scan# 3966

Delta R.T. 0.00 min

Lab File: BM023336.D

Acq: 23 Oct 2019 01:31

Instrument :

BNA_M

ClientSampleId :

BFB82

Tgt Ion: 276 Resp: 631329

Ion Ratio Lower Upper

276 100

138 17.9 13.9 20.9

277 25.7 18.7 28.1

