

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
 Data File : BM023235.D
 Acq On : 18 Oct 2019 00:29
 Operator : JU
 Sample : K5236-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEPC3

Quant Time: Oct 18 07:38:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 18 06:52:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	326262	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1292750	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	803694	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	1655475	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	1716140	20.00	ng/ul	0.00
86) Perylene-d12	23.45	264	2075061	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	24008	3.24	ng/uL	0.00
5) Phenol-d5	6.84	99	434290	15.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	259348	16.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	362289	16.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	301249	13.20	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	175063	20.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	192948	23.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	370490	17.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	396937	15.41	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	1158911	18.82	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	1352498	18.72	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	135237	13.56	ng/ul	0.00
58) Fluorene-d10	15.30	176	996631	18.99	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	105455	16.07	ng/ul	0.00
71) Anthracene-d10	17.15	188	1566479	19.62	ng/ul	0.00
79) Pyrene-d10	19.45	212	1954302	23.51	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	2343736	22.28	ng/ul	0.00

Target Compounds

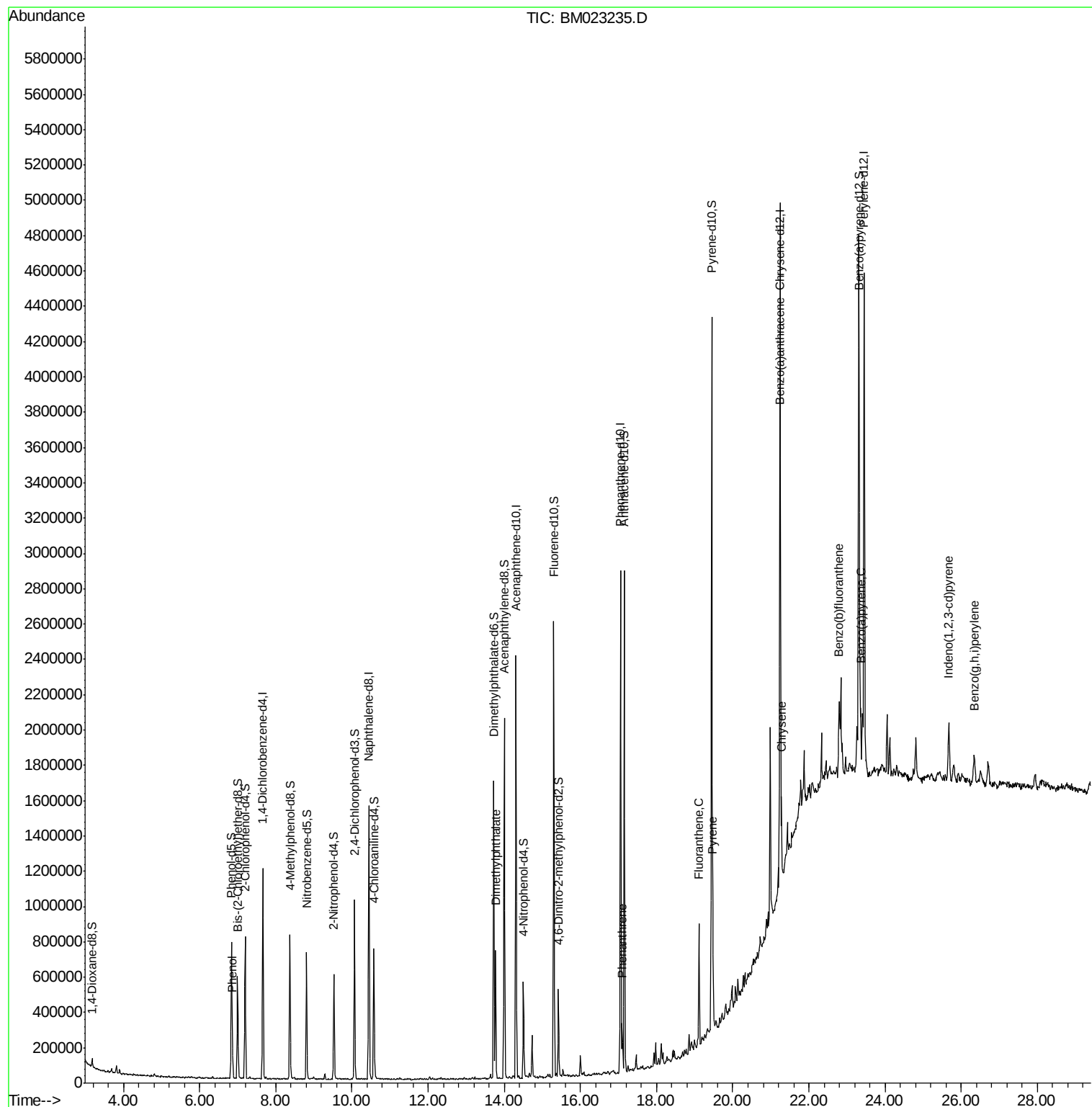
					Ovalue
6) Phenol	6.86	94	72687	2.480	ng/ul 99
45) Dimethylphthalate	13.77	163	467580	7.585	ng/ul 99
70) Phenanthrene	17.09	178	165468	1.781	ng/ul 97
77) Fluoranthene	19.12	202	394579	3.571	ng/ul 99
80) Pyrene	19.48	202	438783	4.081	ng/ul 98
83) Benzo(a)anthracene	21.23	228	264910	2.278	ng/ul 96
85) Chrysene	21.28	228	296962	2.750	ng/ul 97
88) Benzo(b)fluoranthene	22.79	252	400193	3.181	ng/ul# 96
91) Benzo(a)pyrene	23.36	252	283453	2.348	ng/ul# 95
92) Indeno(1,2,3-cd)pyrene	25.67	276	188808	1.315	ng/ul 97
94) Benzo(g,h,i)perylene	26.34	276	182236	1.541	ng/ul 98

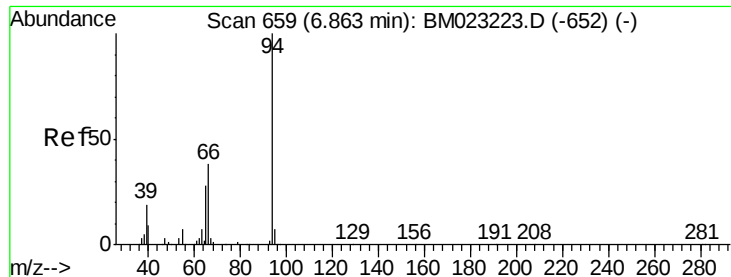
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 2.480 ng/ul

RT: 6.86 min Scan# 659

Delta R.T. 0.00 min

Lab File: BM023235.D

Acq: 18 Oct 2019 00:29

Instrument :

BNA_M

ClientSampleId :

BEPC3

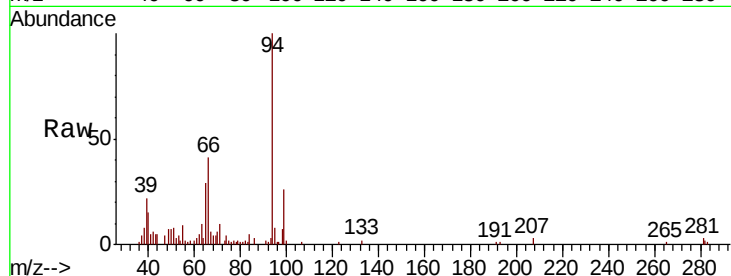
Tot Ion: 94 Resp: 72687

Ion Ratio Lower Upper

94 100

65 28.5 23.7 35.5

66 41.0 32.9 49.3

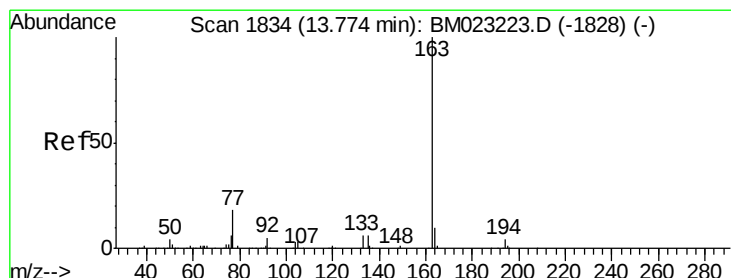
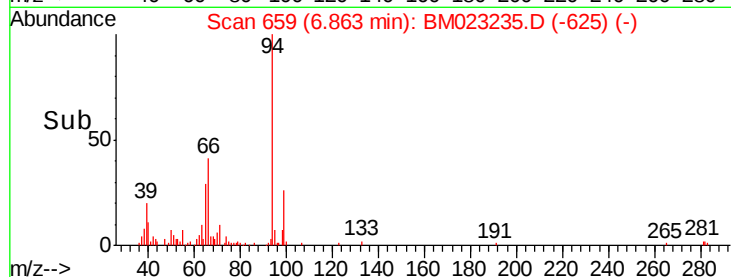
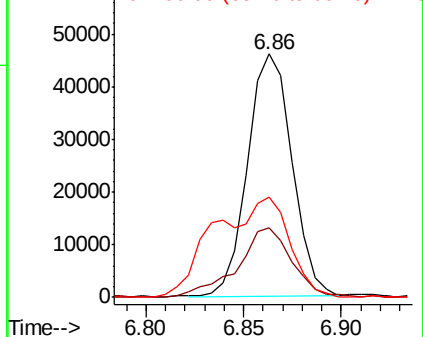


Abundance

Ion 94.00 (93.70 to 94.70): BM023223.D (-652) (-)

Ion 65.00 (64.70 to 65.70): BM023223.D (-652) (-)

Ion 66.00 (65.70 to 66.70): BM023223.D (-652) (-)



#45

Dimethylphthalate

Concen: 7.585 ng/ul

RT: 13.77 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BM023235.D

Acq: 18 Oct 2019 00:29

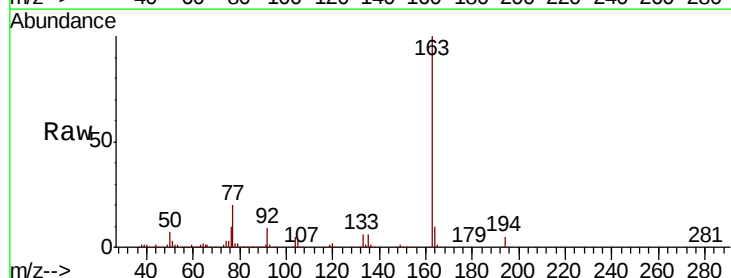
Tgt Ion: 163 Resp: 467580

Ion Ratio Lower Upper

163 100

194 4.6 3.5 5.3

164 10.4 8.0 12.0

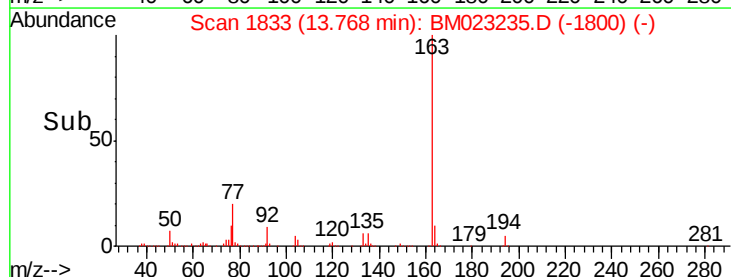
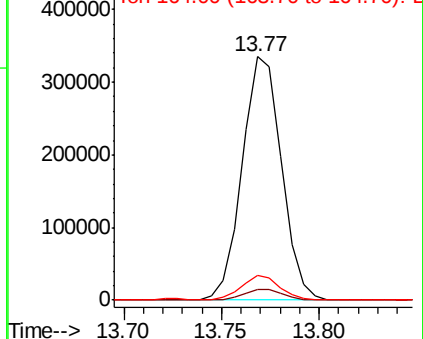


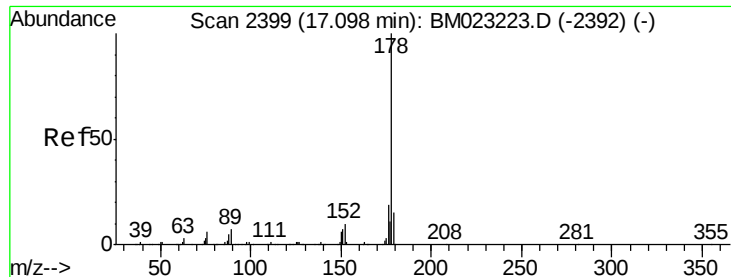
Abundance

Ion 163.00 (162.70 to 163.70): BM023223.D (-1828) (-)

Ion 194.00 (193.70 to 194.70): BM023223.D (-1828) (-)

Ion 164.00 (163.70 to 164.70): BM023223.D (-1828) (-)





#70

Phenanthrene

Concen: 1.781 ng/ul

RT: 17.09 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BM023235.D

Acq: 18 Oct 2019 00:29

Instrument :

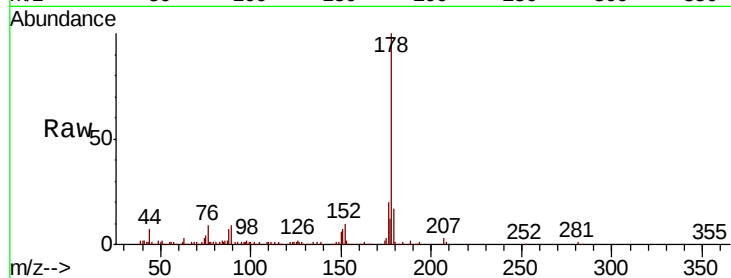
BNA_M

ClientSampleId :

BEPC3

Tot Ion:178 Resp: 165468

Ion	Ratio	Lower	Upper
178	100		
179	16.9	12.3	18.5
176	20.2	15.5	23.3

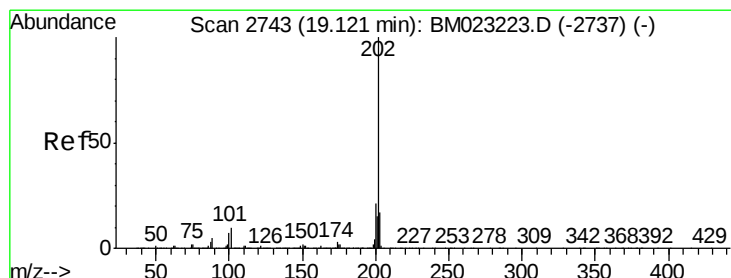
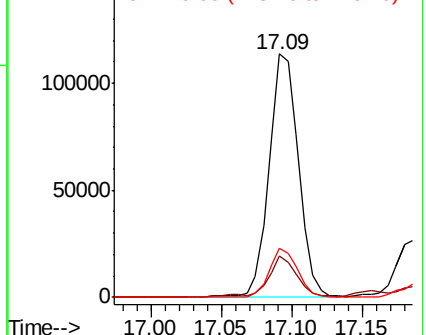
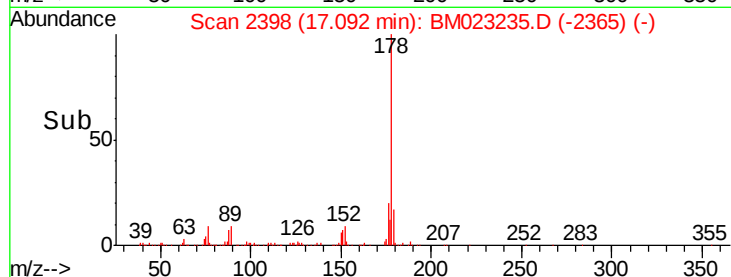


Abundance

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



#77

Fluoranthene

Concen: 3.571 ng/ul

RT: 19.12 min Scan# 2742

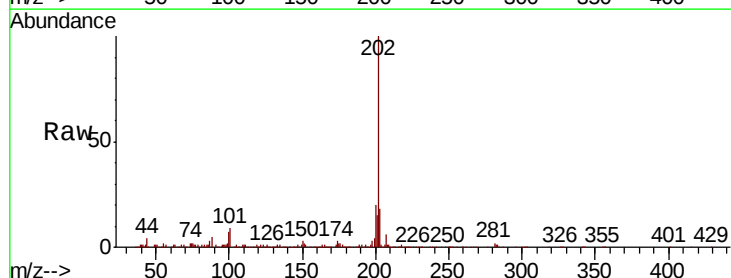
Delta R.T. -0.01 min

Lab File: BM023235.D

Acq: 18 Oct 2019 00:29

Tgt Ion:202 Resp: 394579

Ion	Ratio	Lower	Upper
202	100		
101	9.2	7.8	11.8
100	7.2	6.1	9.1

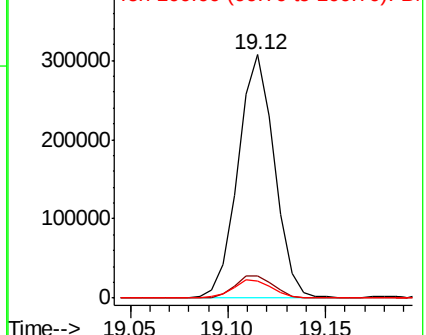
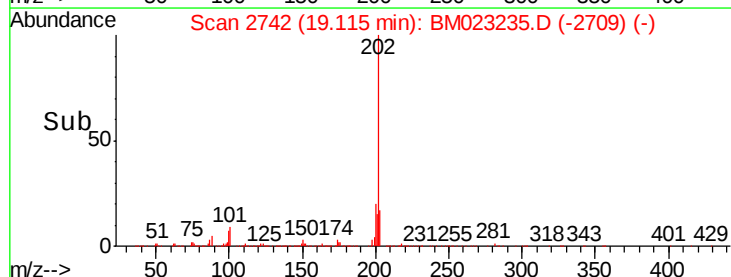


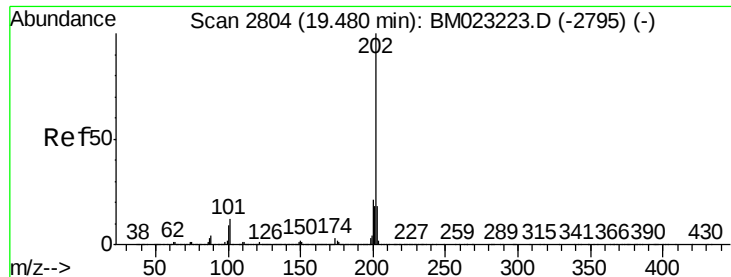
Abundance

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

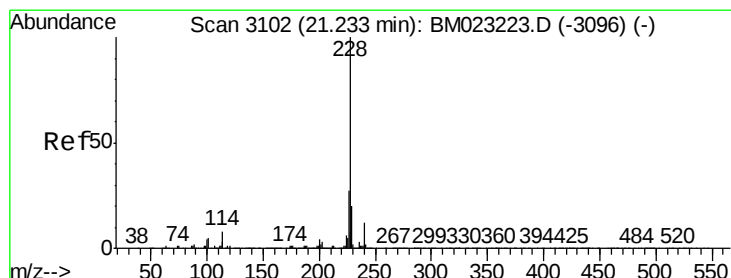
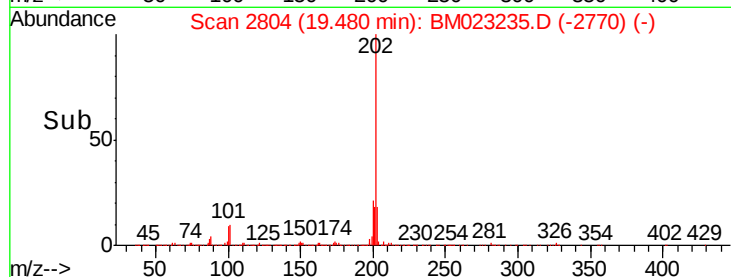
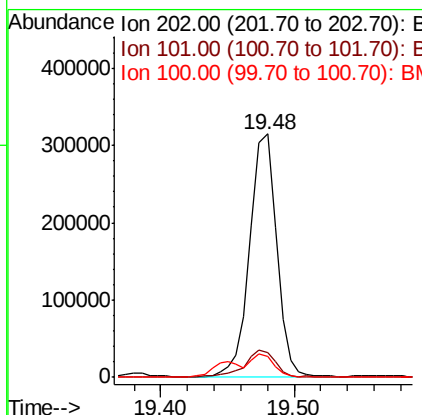
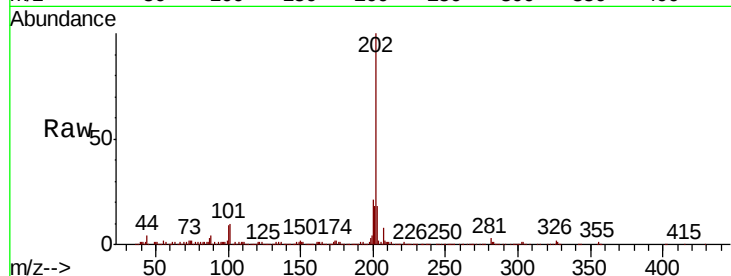




#80
Pvrene
Concen: 4.081 ng/ul
RT: 19.48 min Scan# 2804
Delta R.T. 0.00 min
Lab File: BM023235.D
Acq: 18 Oct 2019 00:29

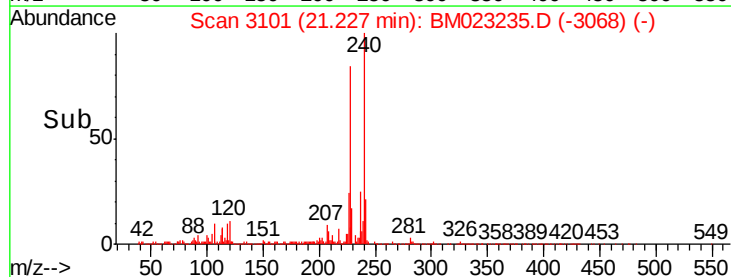
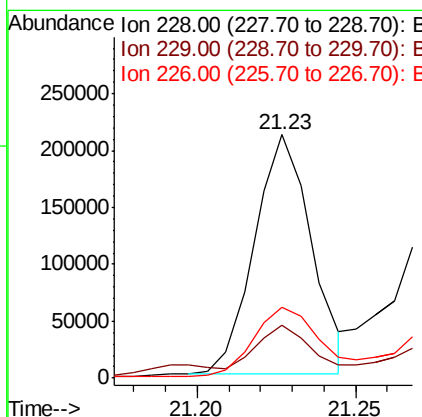
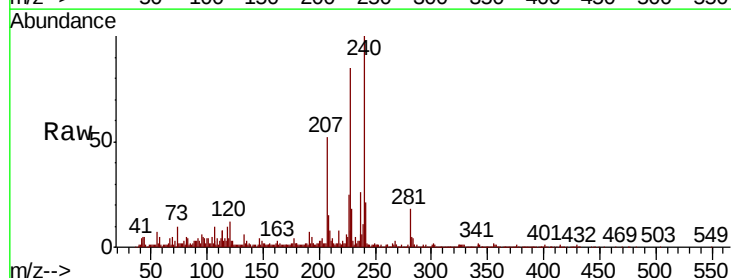
Instrument :
BNA_M
ClientSampleId :
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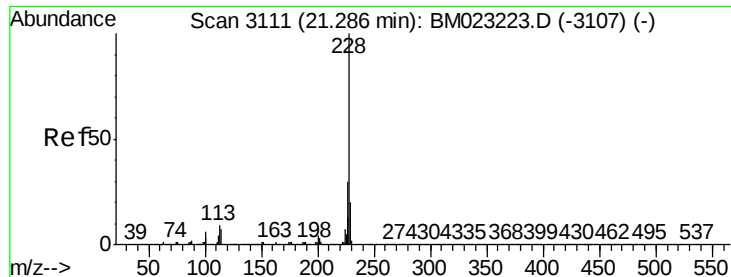
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.4	9.1	13.7
100	8.6	7.5	11.3



#83
Benzo(a)anthracene
Concen: 2.278 ng/ul
RT: 21.23 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BM023235.D
Acq: 18 Oct 2019 00:29

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.7	23.5
226	29.0	21.6	32.4





#85

Chrysene

Concen: 2.750 ng/ul

RT: 21.28 min Scan# 3110

Delta R.T. -0.01 min

Lab File: BM023235.D

Acq: 18 Oct 2019 00:29

Instrument :

BNA_M

ClientSampleId :

BEPC3

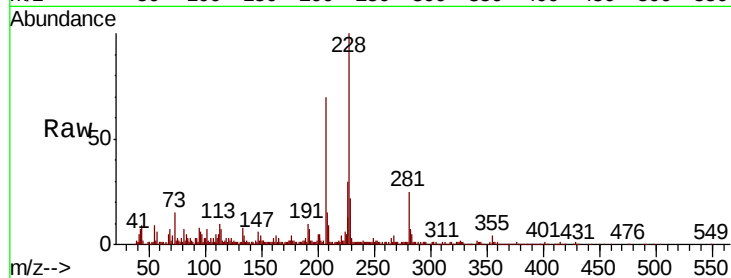
Tot Ion:228 Resp: 296962

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.8	35.6
229	22.1	15.5	23.3

228 100

226 29.9 23.8 35.6

229 22.1 15.5 23.3

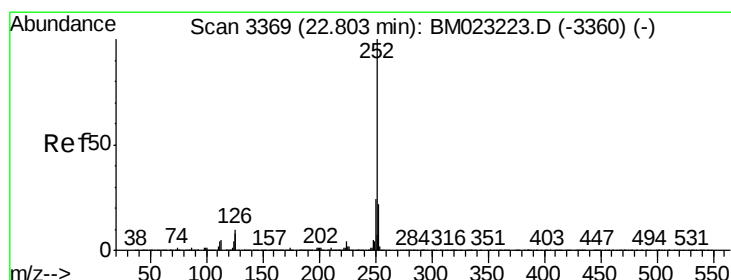
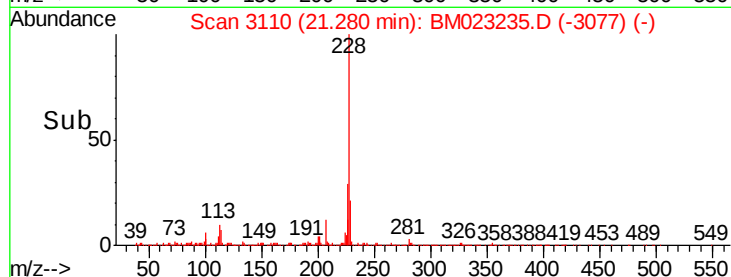
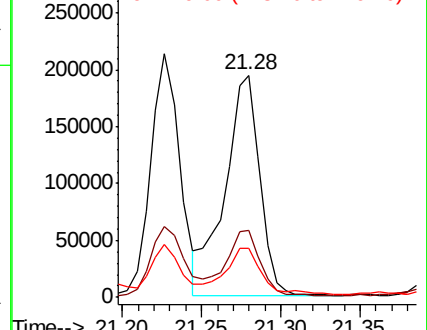


Abundance

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: 3.181 ng/ul

RT: 22.79 min Scan# 3367

Delta R.T. -0.01 min

Lab File: BM023235.D

Acq: 18 Oct 2019 00:29

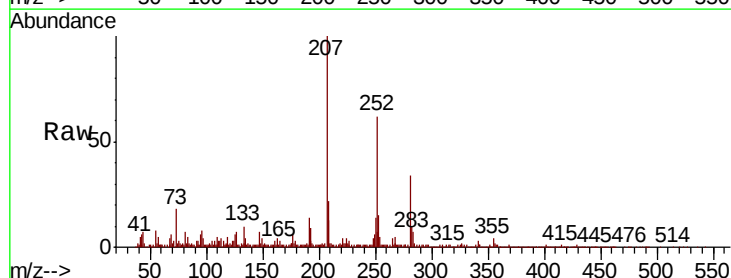
Tgt Ion:252 Resp: 400193

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.6	26.4
125	10.3	6.4	9.6

252 100

253 23.5 17.6 26.4

125 10.3 6.4 9.6#

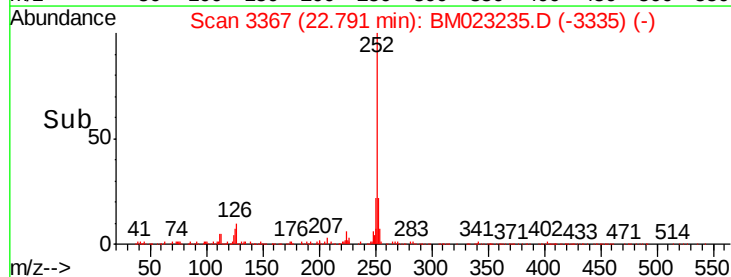
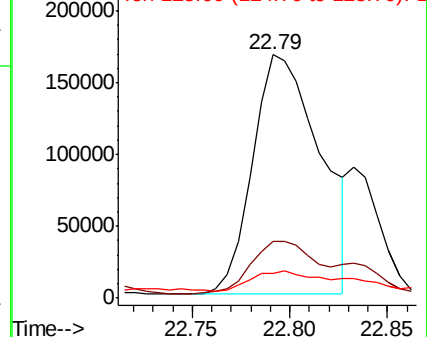


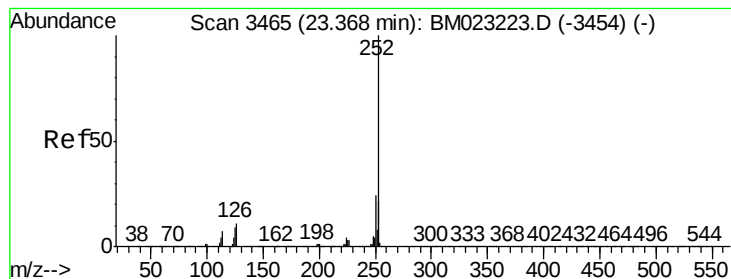
Abundance

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





#91

Benzo(a)pyrene

Concen: 2.348 ng/ul

RT: 23.36 min Scan# 3463

Delta R.T. -0.01 min

Lab File: BM023235.D

Acq: 18 Oct 2019 00:29

Instrument :

BNA_M

ClientSampled :

BEPC3

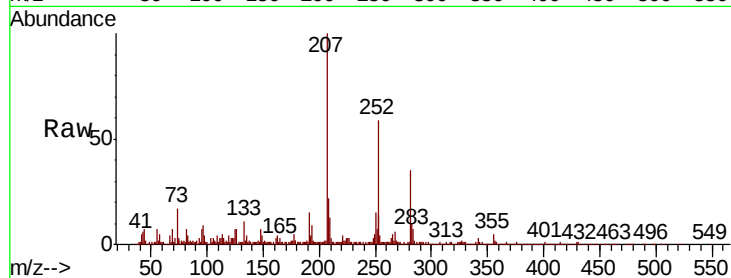
Tot Ion:252 Resp: 283453

Ion Ratio Lower Upper

252 100

253 23.3 17.2 25.8

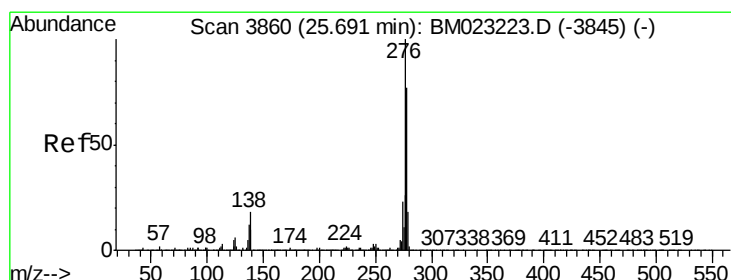
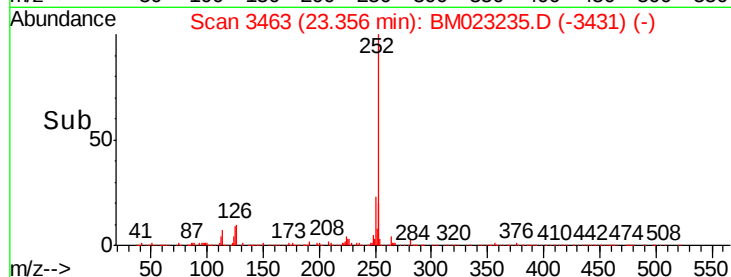
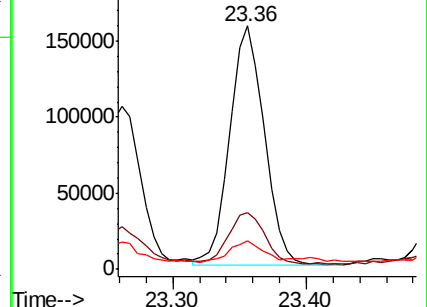
125 11.8 7.4 11.0#



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: 1.315 ng/ul

RT: 25.67 min Scan# 3856

Delta R.T. -0.02 min

Lab File: BM023235.D

Acq: 18 Oct 2019 00:29

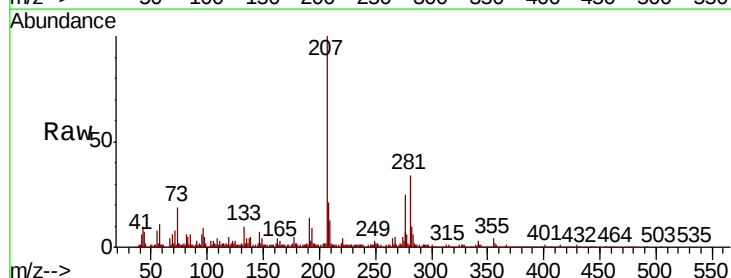
Tgt Ion:276 Resp: 188808

Ion Ratio Lower Upper

276 100

138 19.0 14.9 22.3

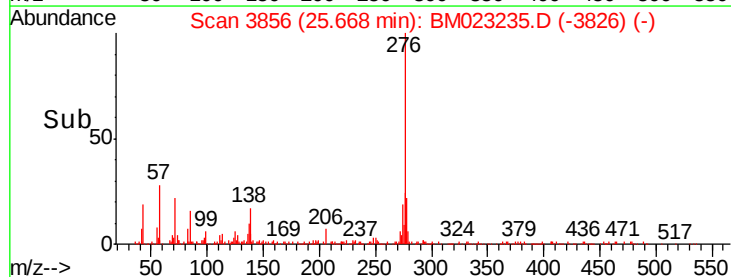
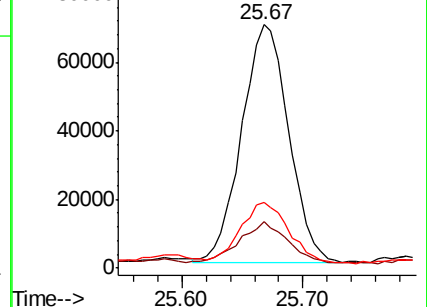
277 27.0 19.8 29.8

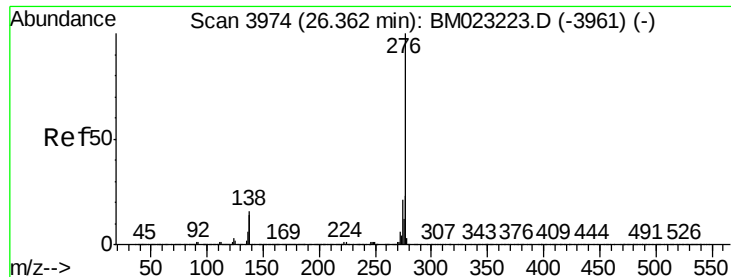


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#94

Benzo(a,h,i)perylene

Concen: 1.541 ng/ul

RT: 26.34 min Scan# 3971

Delta R.T. -0.02 min

Lab File: BM023235.D

Acq: 18 Oct 2019 00:29

Instrument :

BNA_M

ClientSampleId :

BEPC3

Tot Ion:276 Resp: 182236

Ion Ratio Lower Upper

276 100

138 19.1 14.4 21.6

277 23.4 19.4 29.2

