

Data File : BM023234.D
Acq On : 17 Oct 2019 23:53
Operator : JU
Sample : K5236-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEPC2

Quant Time: Oct 18 06:58:43 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	351765	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1358285	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	836295	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	1685896	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	1746016	20.00	ng/ul	0.00
86) Perylene-d12	23.45	264	2147230	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	33488	4.19	ng/uL	0.00
5) Phenol-d5	6.84	99	551597	18.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	341006	19.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	485401	20.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	414629	16.85	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	229376	24.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	256273	29.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	486855	21.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	518881	19.17	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	1443610	22.52	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	1708463	22.73	ng/ul	0.00
52) 4-Nitrophenol-d4	14.51	143	144041	13.88	ng/ul	0.00
58) Fluorene-d10	15.30	176	1245829	22.82	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	121995	18.25	ng/ul	0.00
71) Anthracene-d10	17.15	188	1925314	23.68	ng/ul	0.00
79) Pyrene-d10	19.45	212	2288550	27.07	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	2807593	25.79	ng/ul	0.00

Target Compounds

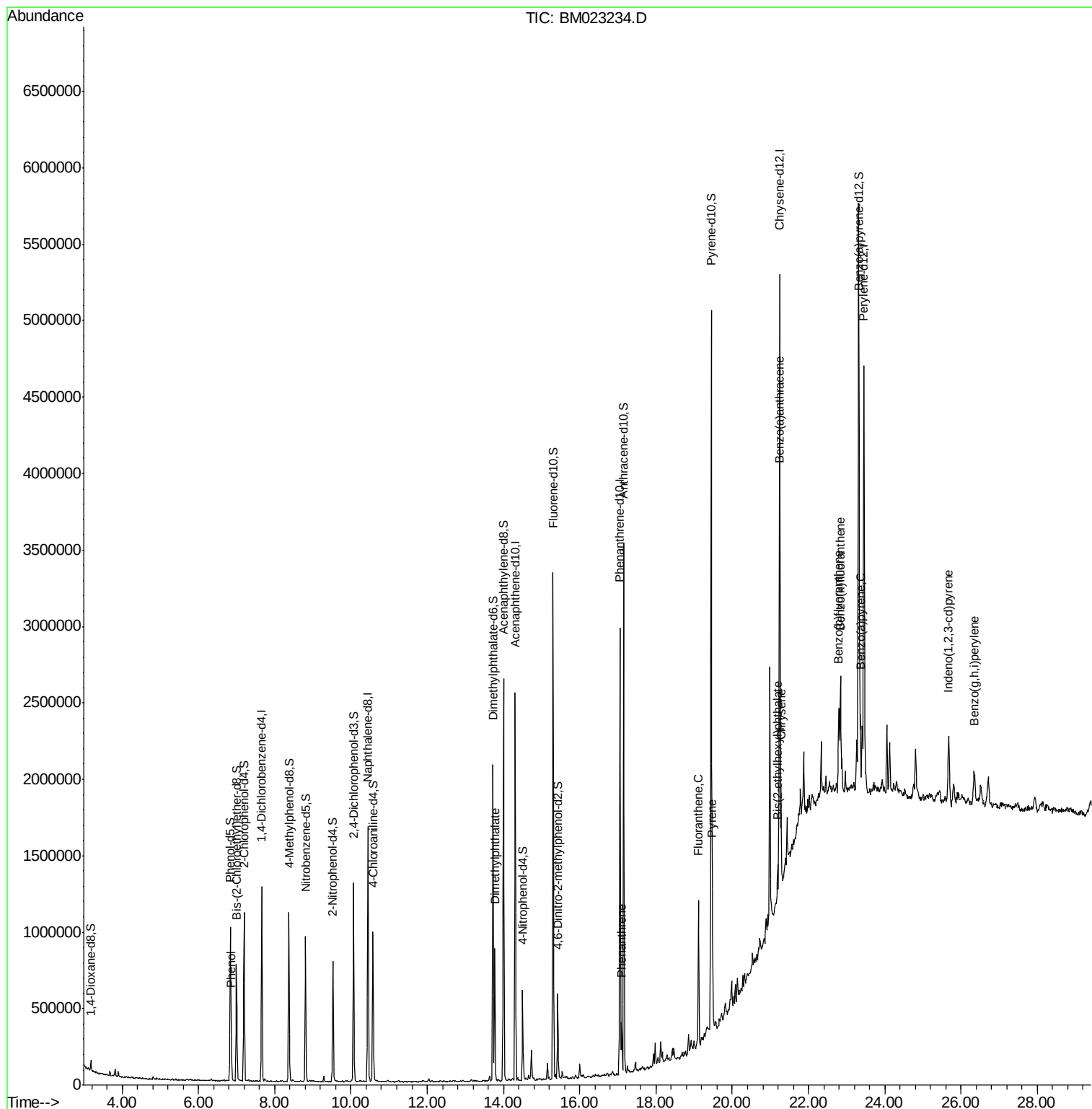
					Qvalue	
6) Phenol	6.86	94	93706	2.966	ng/ul	96
45) Dimethylphthalate	13.77	163	562887	8.775	ng/ul	99
70) Phenanthrene	17.10	178	201494	2.130	ng/ul	99
77) Fluoranthene	19.12	202	555201	4.934	ng/ul	99
80) Pyrene	19.48	202	577930	5.284	ng/ul	100
83) Benzo(a)anthracene	21.23	228	354727	2.998	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.19	149	81195	1.342	ng/ul	97
85) Chrysene	21.28	228	367707	3.347	ng/ul	97
88) Benzo(b)fluoranthene	22.79	252	484779	3.724	ng/ul#	95
89) Benzo(k)fluoranthene	22.83	252	190438	1.523	ng/ul#	88
91) Benzo(a)pyrene	23.36	252	380219	3.044	ng/ul#	93
92) Indeno(1,2,3-cd)pyrene	25.67	276	271108	1.825	ng/ul	96
94) Benzo(g,h,i)perylene	26.34	276	257093	2.101	ng/ul	98

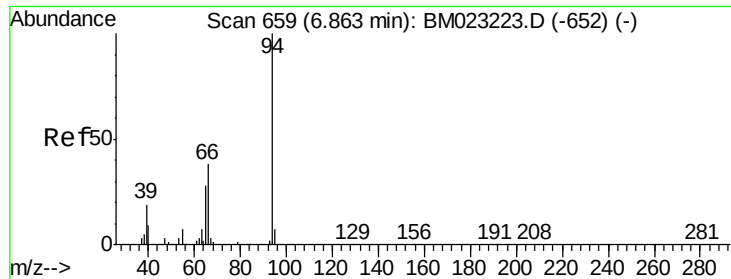
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.966 ng/ul

RT: 6.86 min Scan# 659

Delta R.T. 0.00 min

Lab File: BM023234.D

Acq: 17 Oct 2019 23:53

Instrument :

BNA_M

ClientSampleId :

BEPC2

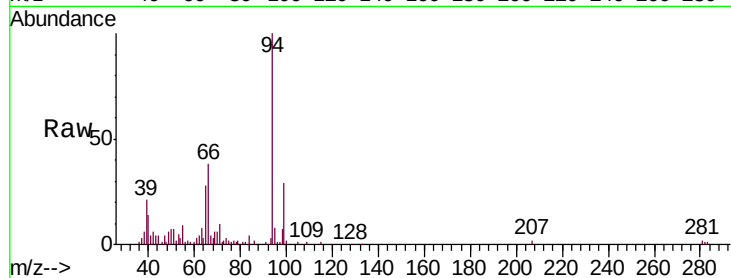
Tgt Ion: 94 Resp: 93706

Ion Ratio Lower Upper

94 100

65 28.1 23.7 35.5

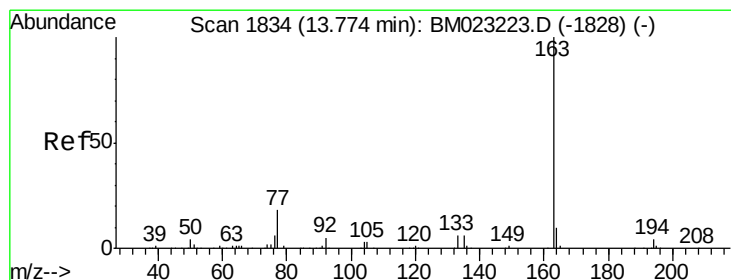
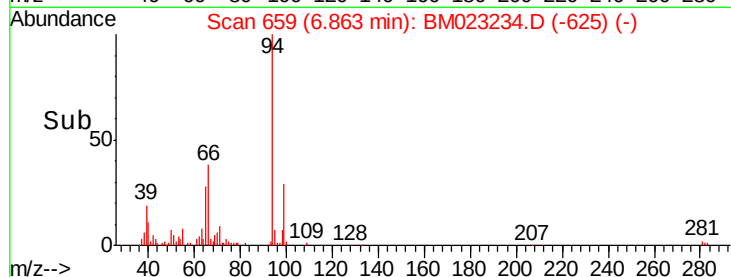
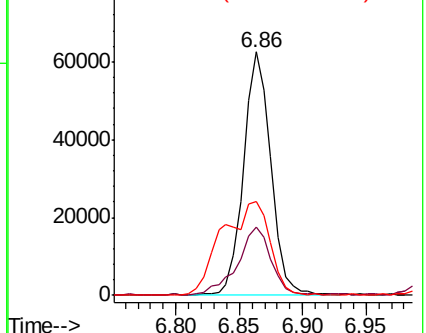
66 38.4 32.9 49.3



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: 8.775 ng/ul

RT: 13.77 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BM023234.D

Acq: 17 Oct 2019 23:53

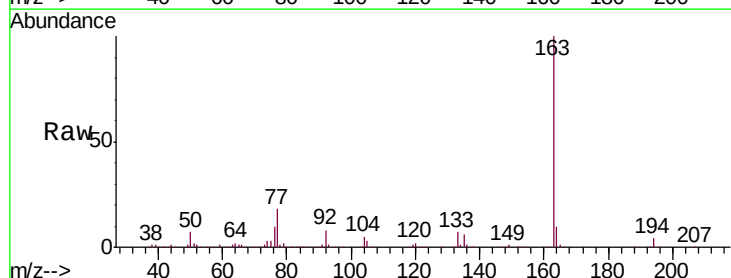
Tgt Ion: 163 Resp: 562887

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

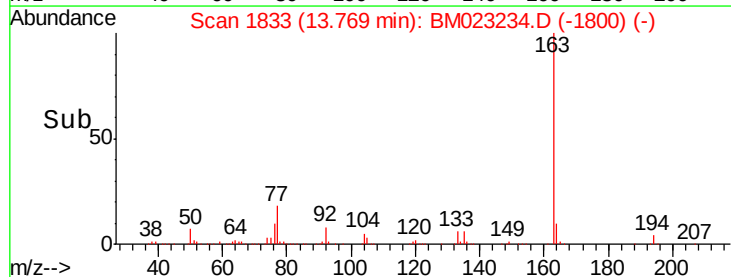
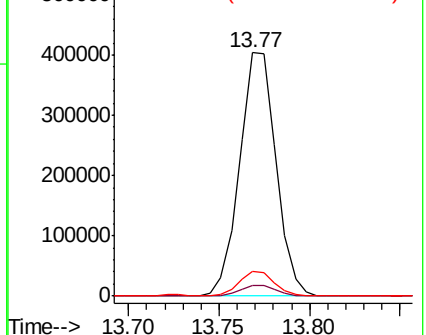
164 10.3 8.0 12.0

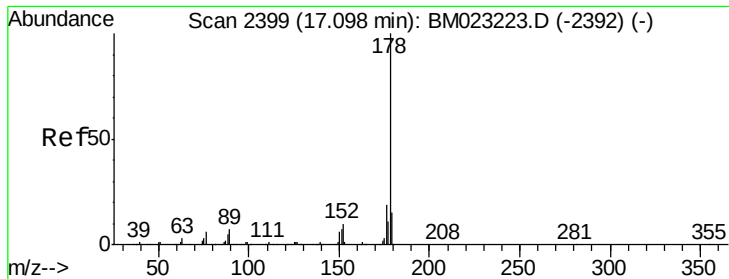


Abundance Ion 163.00 (162.70 to 163.70): BM023223.D (-1828) (-)

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: 2.130 ng/ul

RT: 17.10 min Scan# 2399

Delta R.T. 0.00 min

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Acq: 17 Oct 2019 23:53

Instrument :

BNA_M

ClientSampleId :

BEPC2

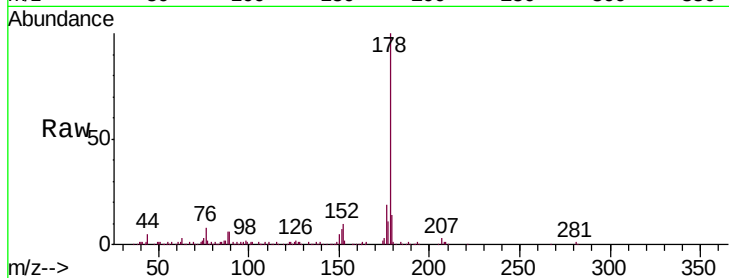
Tgt Ion:178 Resp: 201494

Ion Ratio Lower Upper

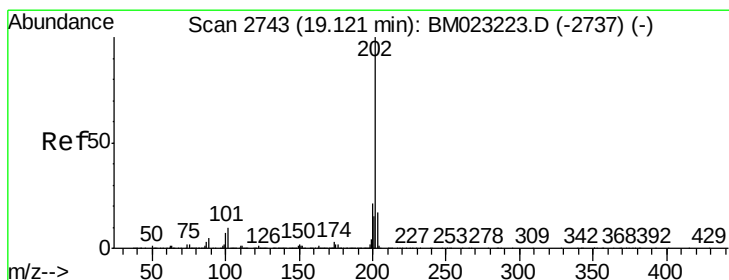
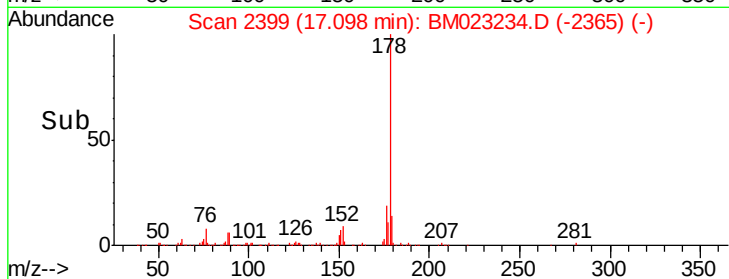
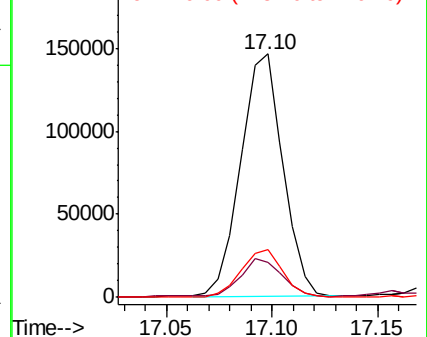
178 100

179 14.3 12.3 18.5

176 19.4 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: 4.934 ng/ul

RT: 19.12 min Scan# 2742

Delta R.T. -0.01 min

Lab File: BM023234.D

Acq: 17 Oct 2019 23:53

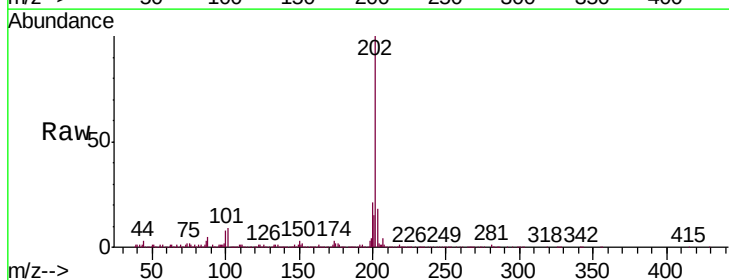
Tgt Ion:202 Resp: 555201

Ion Ratio Lower Upper

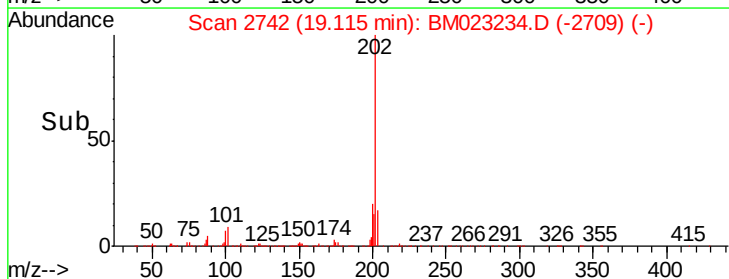
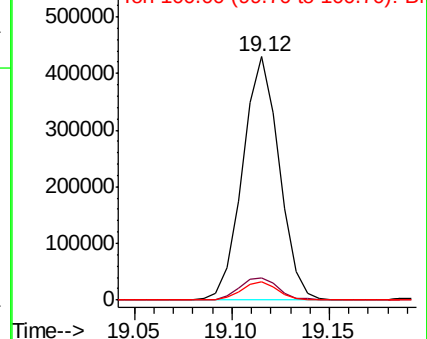
202 100

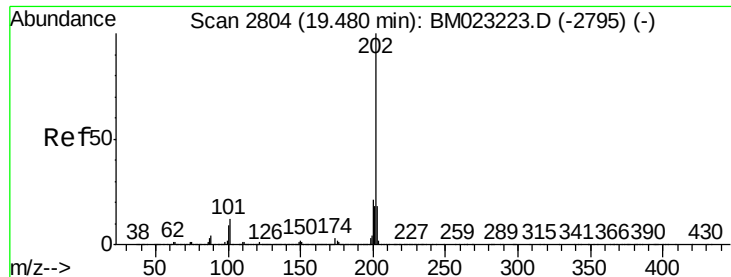
101 9.3 7.8 11.8

100 7.6 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

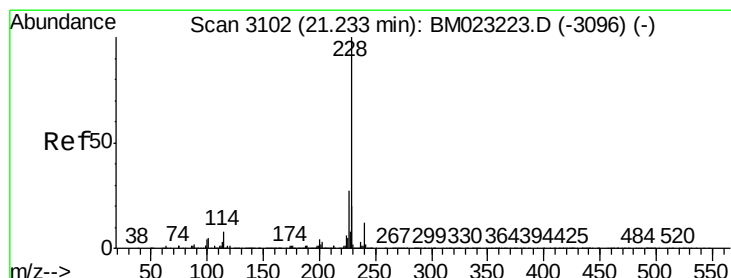
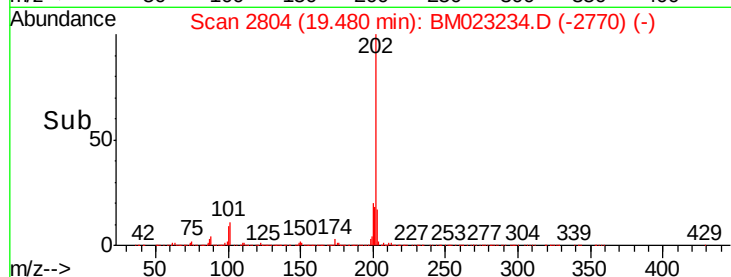
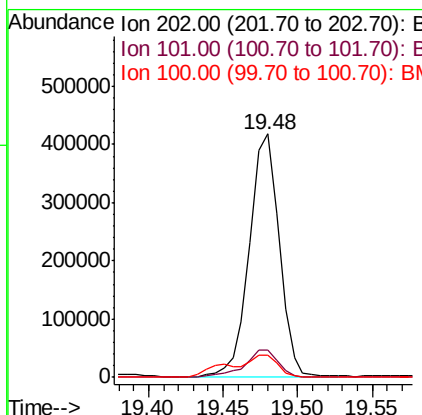
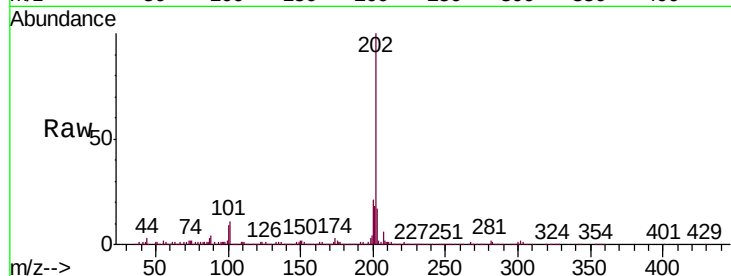




#80
 Pyrene
 Concen: 5.284 ng/ul
 RT: 19.48 min Scan# 2804
 Delta R.T. 0.00 min
 Lab File: BM023234.D
 Acq: 17 Oct 2019 23:53

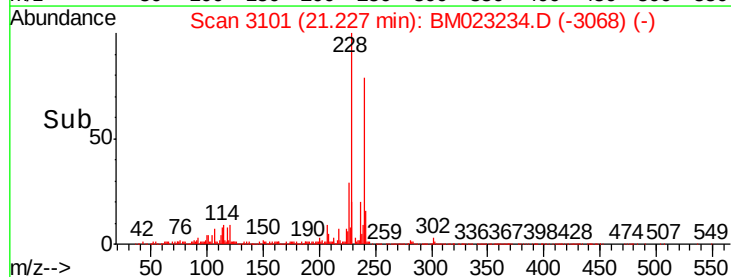
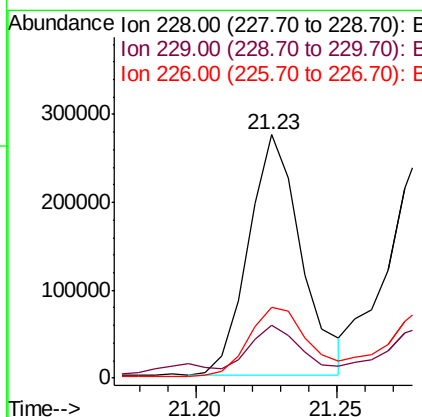
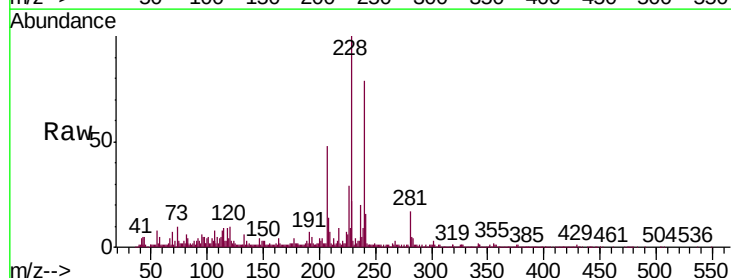
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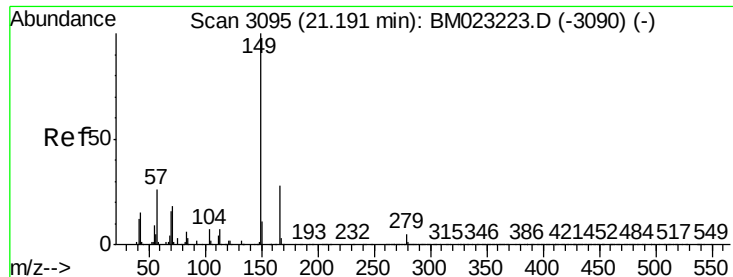
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.1	13.7
100	9.3	7.5	11.3



#83
 Benzo(a)anthracene
 Concen: 2.998 ng/ul
 RT: 21.23 min Scan# 3101
 Delta R.T. -0.01 min
 Lab File: BM023234.D
 Acq: 17 Oct 2019 23:53

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.7	15.7	23.5
226	29.1	21.6	32.4

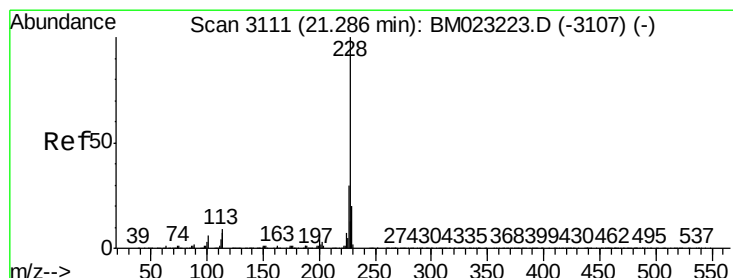
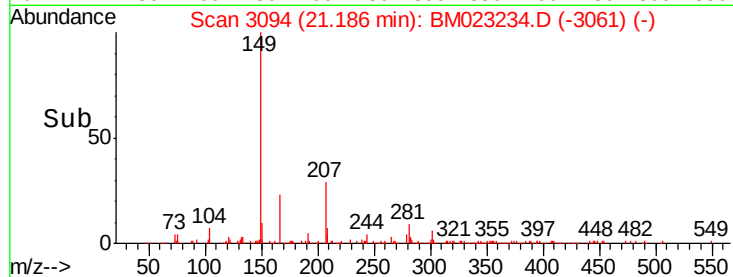
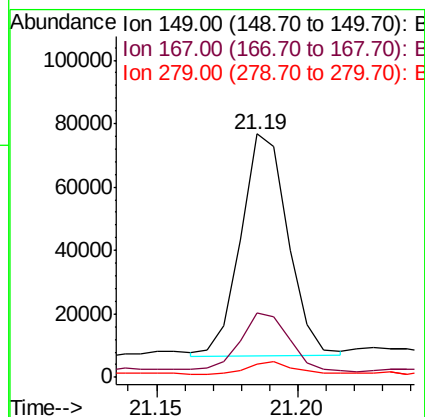
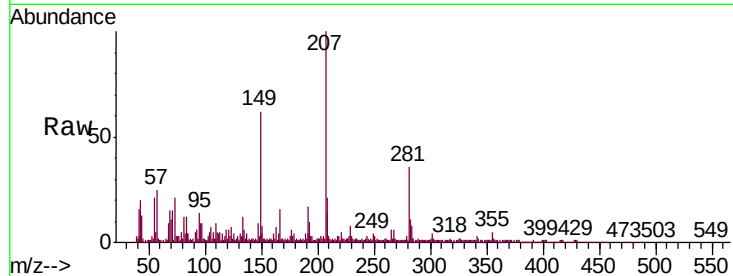




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 1.342 ng/ul
 RT: 21.19 min Scan# 3094
 Delta R.T. -0.01 min
 Lab File: BM023234.D
 Acq: 17 Oct 2019 23:53

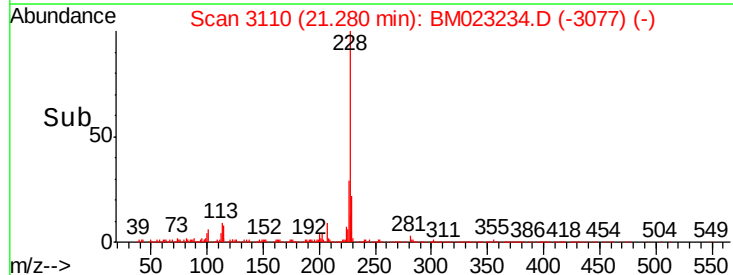
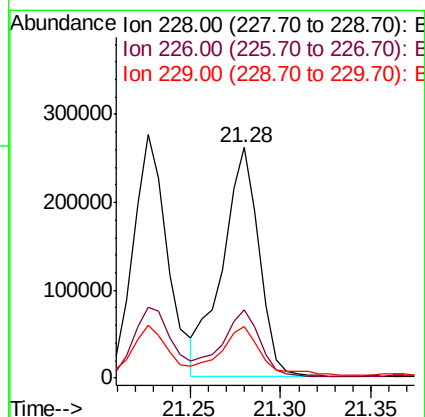
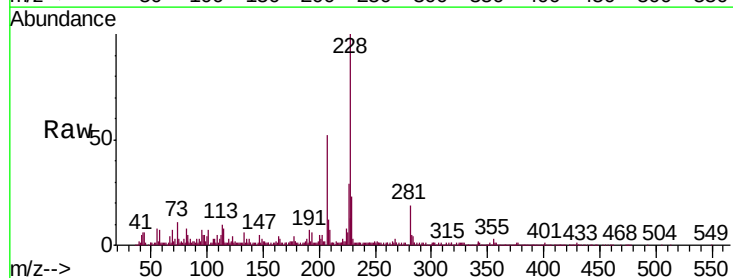
Instrument :
 BNA_M
 ClientSampleId :
 BEPC2

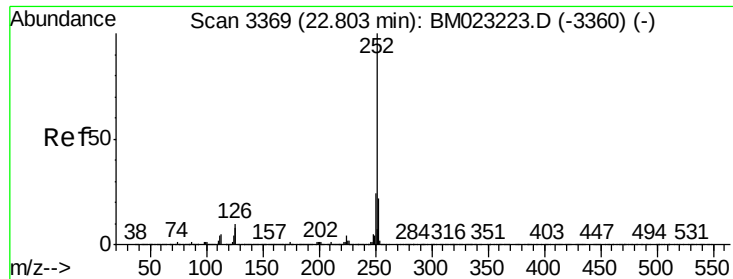
Tgt Ion:	149	Resp:	81195
Ion Ratio	Lower	Upper	
149	100		
167	26.2	22.5	33.7
279	5.5	4.0	6.0



#85
 Chrysene
 Concen: 3.347 ng/ul
 RT: 21.28 min Scan# 3110
 Delta R.T. -0.01 min
 Lab File: BM023234.D
 Acq: 17 Oct 2019 23:53

Tgt Ion:	228	Resp:	367707
Ion Ratio	Lower	Upper	
228	100		
226	29.5	23.8	35.6
229	22.5	15.5	23.3





#88

Benzo(b)fluoranthene

Concen: 3.724 ng/ul

RT: 22.79 min Scan# 3367

Delta R.T. -0.01 min

Lab File: BM023234.D

Acq: 17 Oct 2019 23:53

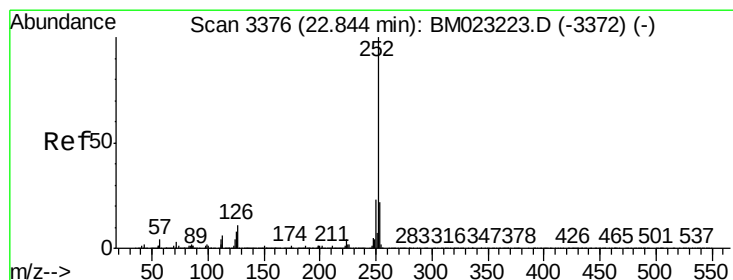
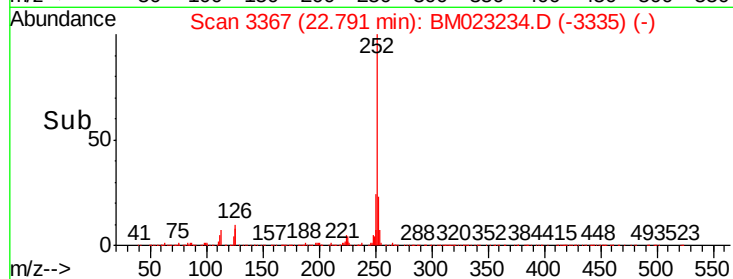
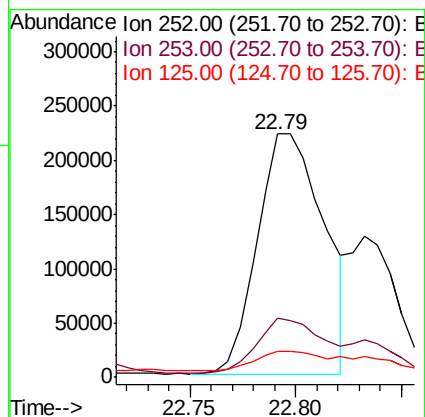
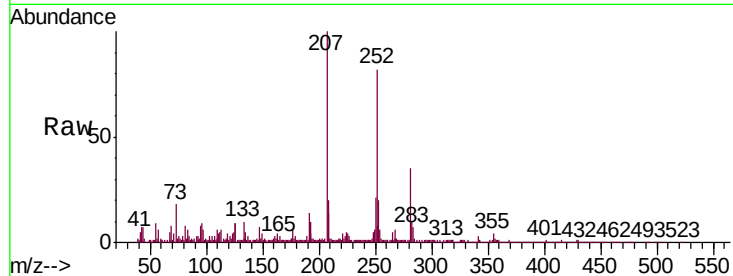
Instrument :

BNA_M

ClientSampleId :

BEPC2

Tgt Ion:	252	Resp:	484779
Ion Ratio	Lower	Upper	
252	100		
253	24.2	17.6	26.4
125	10.8	6.4	9.6#



#89

Benzo(k)fluoranthene

Concen: 1.523 ng/ul

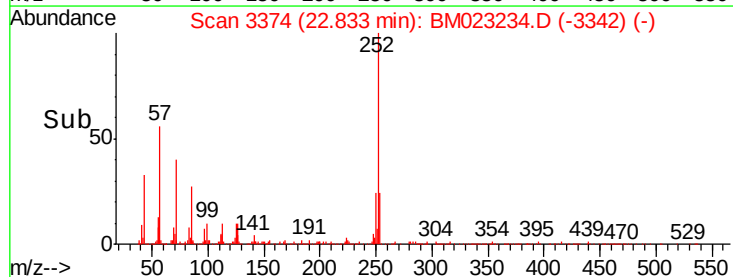
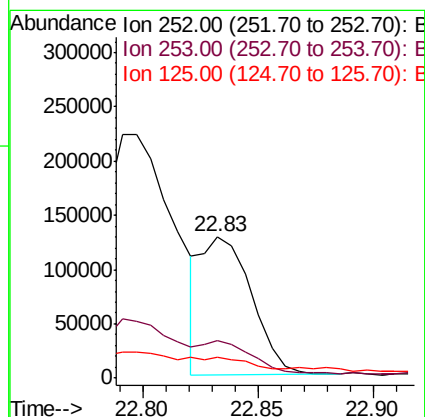
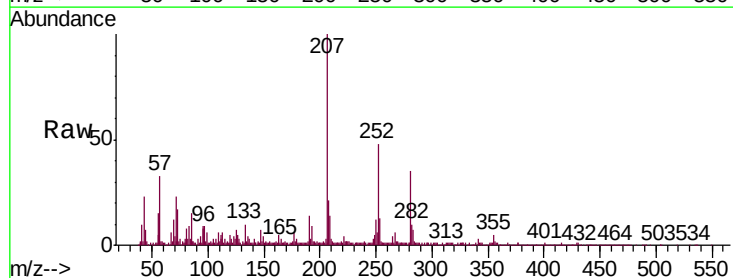
RT: 22.83 min Scan# 3374

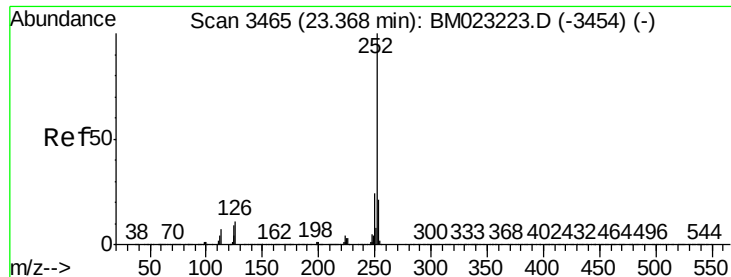
Delta R.T. -0.01 min

Lab File: BM023234.D

Acq: 17 Oct 2019 23:53

Tgt Ion:	252	Resp:	190438
Ion Ratio	Lower	Upper	
252	100		
253	26.4	17.4	26.0#
125	14.9	6.5	9.7#





#91

Benzo(a)pyrene

Concen: 3.044 ng/ul

RT: 23.36 min Scan# 3463

Delta R.T. -0.01 min

Lab File: BM023234.D

Acq: 17 Oct 2019 23:53

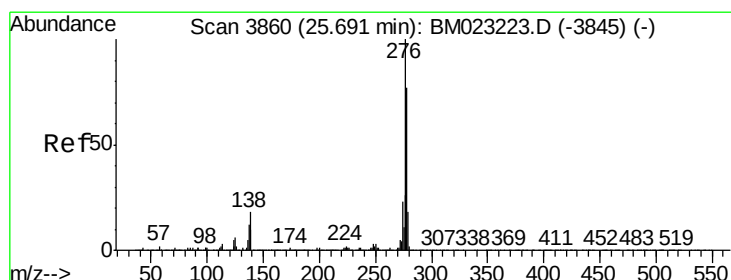
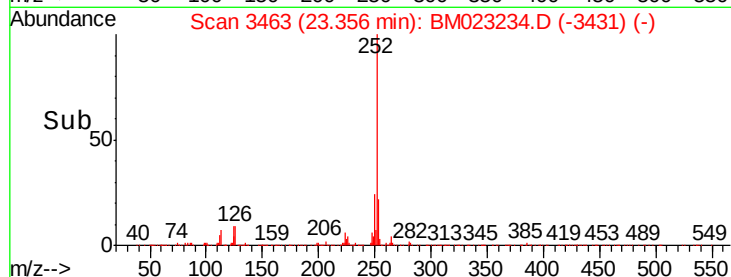
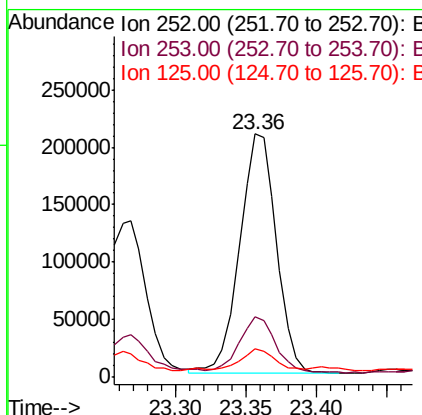
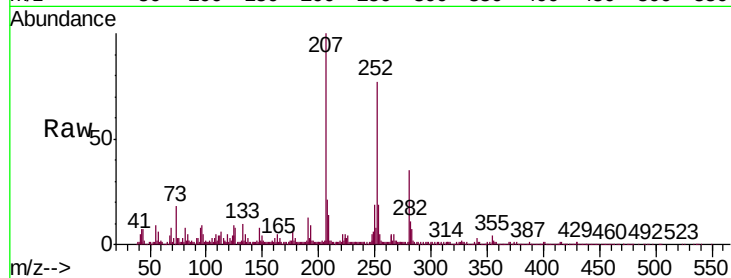
Instrument :

BNA_M

ClientSampleId :

BEPC2

Tgt Ion:	252	Resp:	380219
Ion Ratio	Lower	Upper	
252	100		
253	25.0	17.2	25.8
125	11.8	7.4	11.0#



#92

Indeno(1,2,3-cd)pyrene

Concen: 1.825 ng/ul

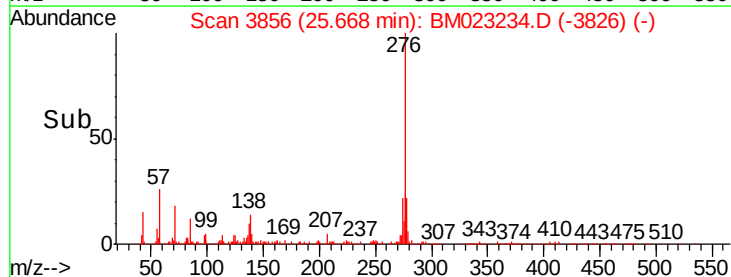
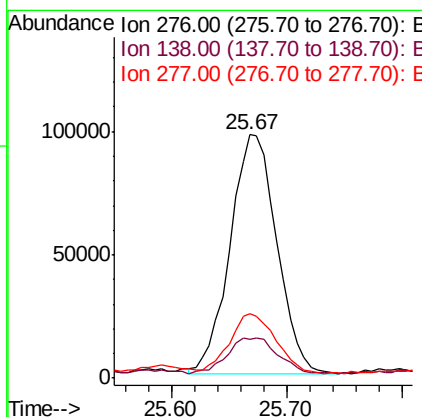
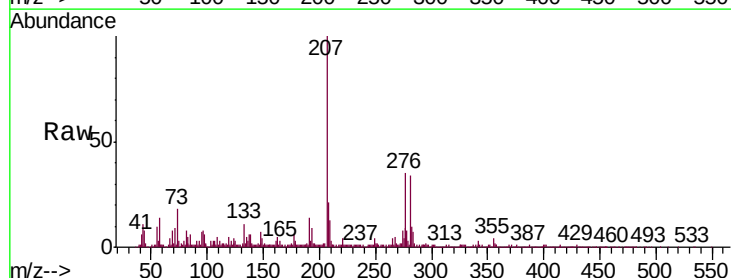
RT: 25.67 min Scan# 3856

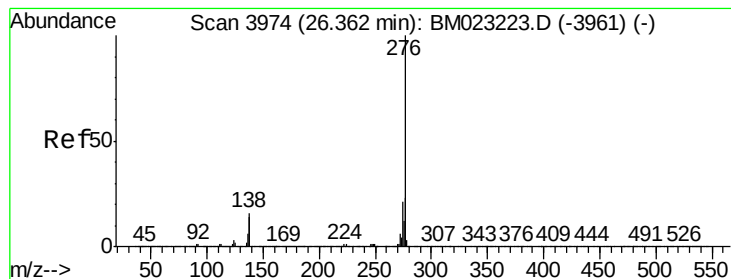
Delta R.T. -0.02 min

Lab File: BM023234.D

Acq: 17 Oct 2019 23:53

Tgt Ion:	276	Resp:	271108
Ion Ratio	Lower	Upper	
276	100		
138	16.1	14.9	22.3
277	26.4	19.8	29.8





#94

Benzo(g,h,i)perylene

Concen: 2.101 ng/ul

RT: 26.34 min Scan# 3971

Delta R.T. -0.02 min

Lab File: BM023234.D

Acq: 17 Oct 2019 23:53

Instrument :

BNA_M

ClientSampleId :

BEPC2

Tgt Ion: 276 Resp: 257093

Ion Ratio Lower Upper

276 100

138 17.6 14.4 21.6

277 25.5 19.4 29.2

