

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
 Data File : BM023107.D
 Acq On : 10 Oct 2019 06:30
 Operator : JU
 Sample : K5177-17
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEPC6

Quant Time: Oct 10 07:09:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 08 15:02:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	168024	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	669520	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.40	164	382636	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.14	188	750305	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	766951	20.00	ng/ul	0.00
86) Perylene-d12	23.58	264	903986	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	14134	3.64	ng/uL	0.00
5) Phenol-d5	6.94	99	233939	15.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	140759	17.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	205823	17.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	137387	11.30	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	98604	19.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	105370	18.68	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.18	165	191347	17.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	174187	12.76	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	578194	19.47	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	679501	19.82	ng/ul	0.00
52) 4-Nitrophenol-d4	14.60	143	61262	10.44	ng/ul	0.00
58) Fluorene-d10	15.40	176	496503	19.62	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	51940	10.64	ng/ul	0.00
71) Anthracene-d10	17.24	188	748212	20.42	ng/ul	0.00
79) Pyrene-d10	19.54	212	919794	22.28	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.43	264	1056484	22.59	ng/ul	-0.01

Target Compounds

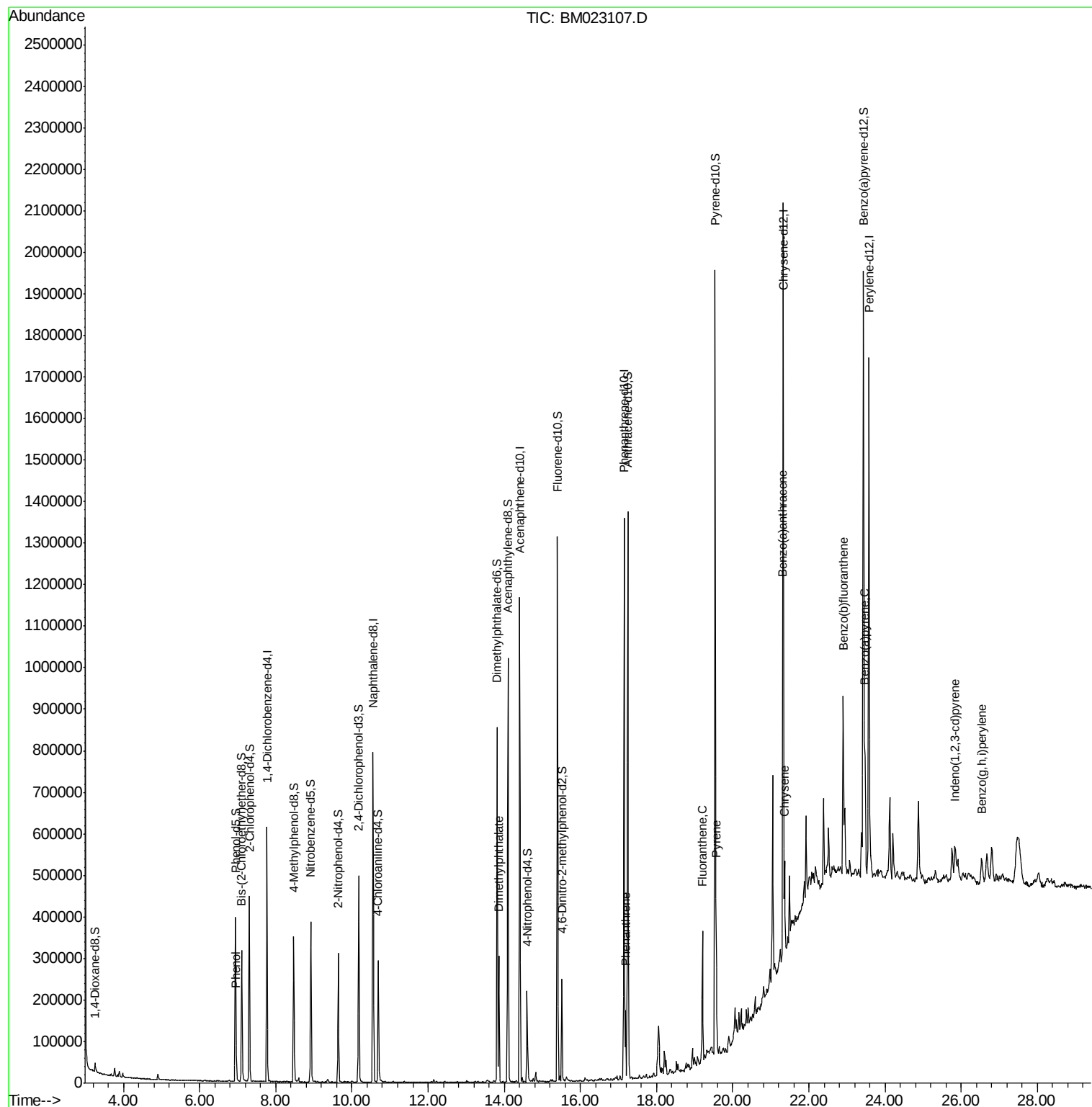
					Ovalue
6) Phenol	6.96	94	33589	2.158	ng/ul 95
45) Dimethylphthalate	13.86	163	194461	6.374	ng/ul 99
70) Phenanthrene	17.19	178	96935	2.165	ng/ul 99
77) Fluoranthene	19.20	202	172297	3.421	ng/ul 99
80) Pyrene	19.57	202	201881	3.713	ng/ul 99
83) Benzo(a)anthracene	21.31	228	110485	2.006	ng/ul 98
85) Chrysene	21.36	228	120271	2.369	ng/ul 98
88) Benzo(b)fluoranthene	22.90	252	148424	2.474	ng/ul# 94
91) Benzo(a)pyrene	23.48	252	109748	1.950	ng/ul 97
92) Indeno(1,2,3-cd)pyrene	25.84	276	71435	1.195	ng/ul# 94
94) Benzo(g,h,i)perylene	26.54	276	68697	1.424	ng/ul 98

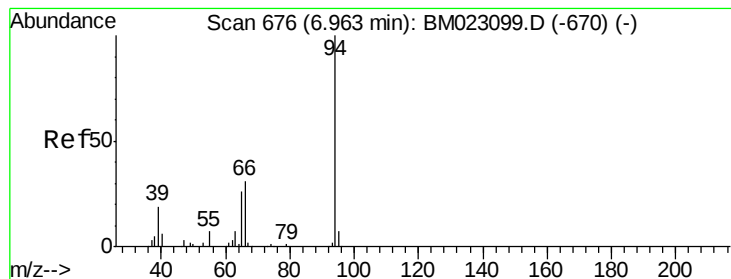
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 08 15:02:34 2019
Response via : Initial Calibration





#6

Phenol

Concen: 2.158 ng/ul

RT: 6.96 min Scan# 676

Delta R.T. -0.01 min

Lab File: BM023107.D

Acq: 10 Oct 2019 06:30

Instrument :

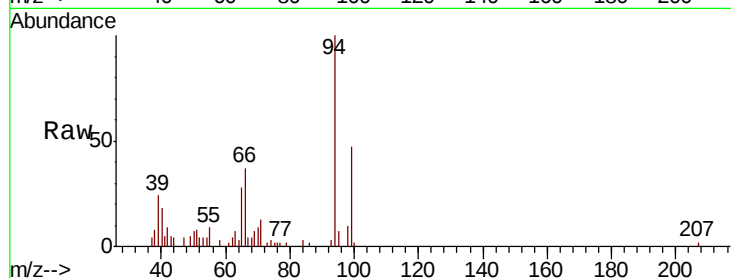
BNA_M

ClientSampleId :

BEPC6

Tot Ion: 94 Resp: 33589

Ion	Ratio	Lower	Upper
94	100		
65	28.1	20.9	31.3
66	37.0	27.2	40.8

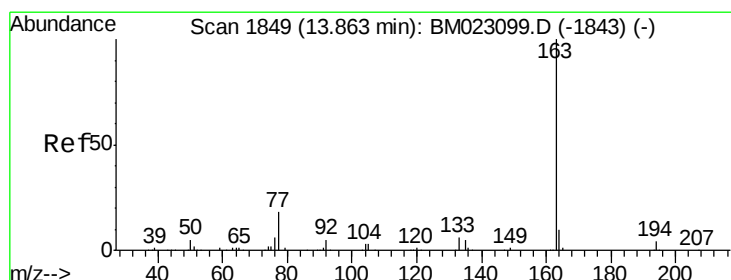
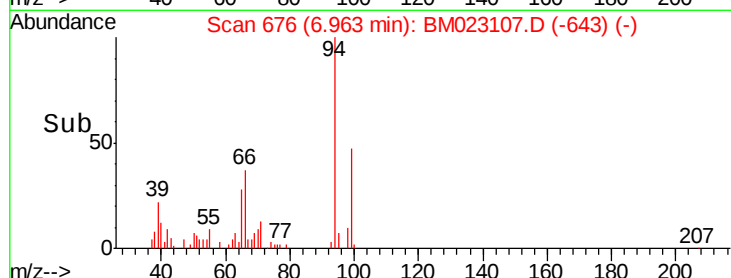
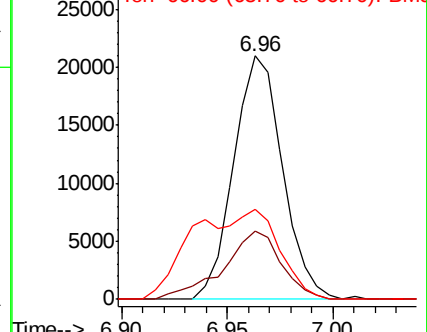


Abundance

Ion 94.00 (93.70 to 94.70): BM023099.D (-670) (-)

Ion 65.00 (64.70 to 65.70): BM023099.D (-670) (-)

Ion 66.00 (65.70 to 66.70): BM023099.D (-670) (-)



#45

Dimethylphthalate

Concen: 6.374 ng/ul

RT: 13.86 min Scan# 1849

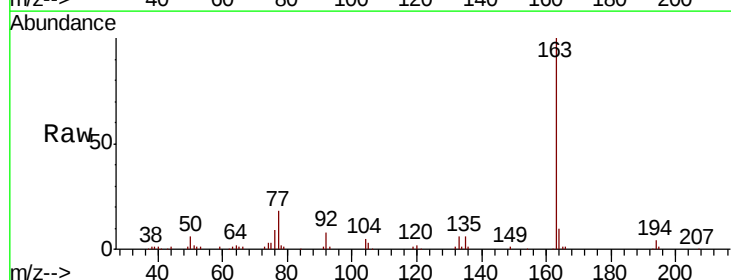
Delta R.T. -0.01 min

Lab File: BM023107.D

Acq: 10 Oct 2019 06:30

Tgt Ion: 163 Resp: 194461

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.0
164	9.9	8.1	12.1

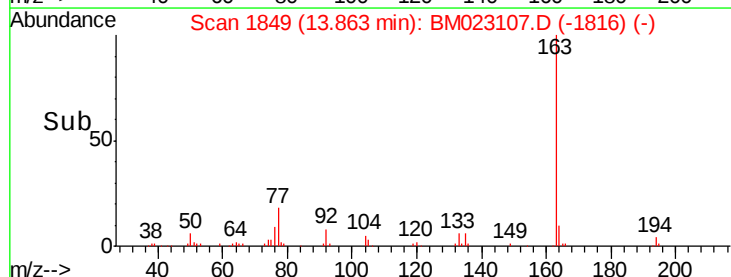
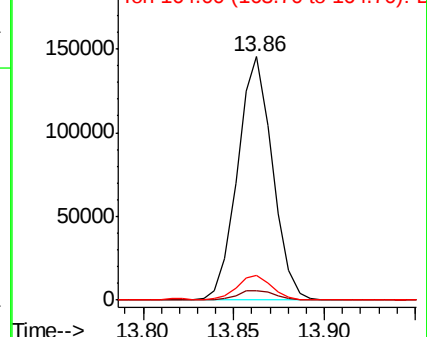


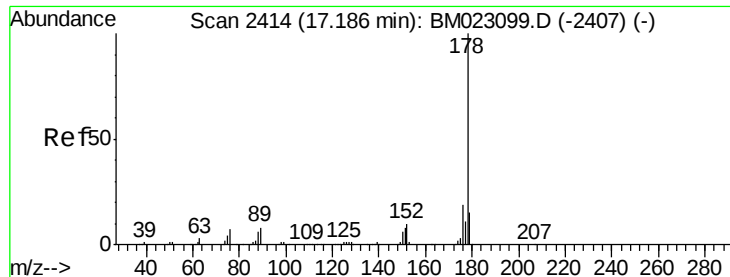
Abundance

Ion 163.00 (162.70 to 163.70): BM023099.D (-1843) (-)

Ion 194.00 (193.70 to 194.70): BM023099.D (-1843) (-)

Ion 164.00 (163.70 to 164.70): BM023099.D (-1843) (-)





#70

Phenanthrene

Concen: 2.165 ng/ul

RT: 17.19 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BM023107.D

Acq: 10 Oct 2019 06:30

Instrument :

BNA_M

ClientSampleId :

BEPC6

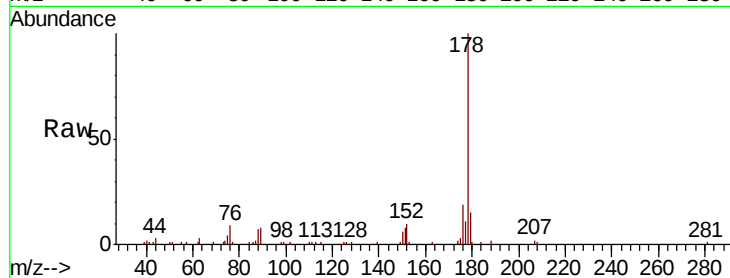
Tot Ion:178 Resp: 96935

Ion Ratio Lower Upper

178 100

179 15.3 12.4 18.6

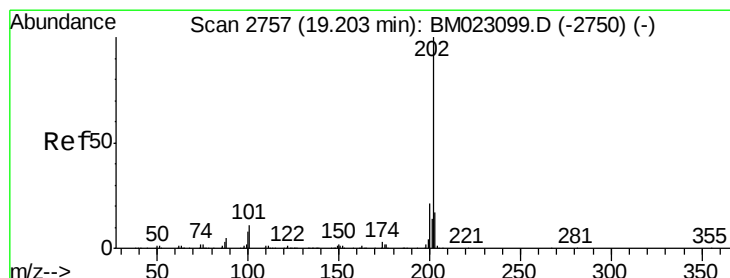
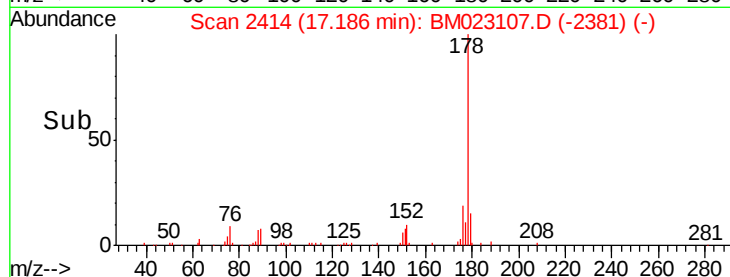
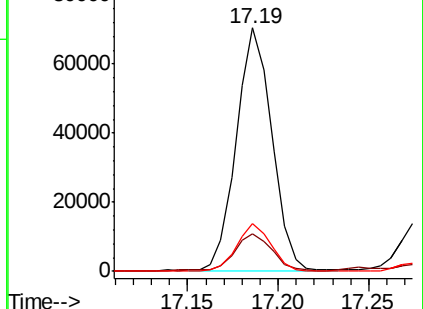
176 19.4 15.3 22.9



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: 3.421 ng/ul

RT: 19.20 min Scan# 2757

Delta R.T. -0.01 min

Lab File: BM023107.D

Acq: 10 Oct 2019 06:30

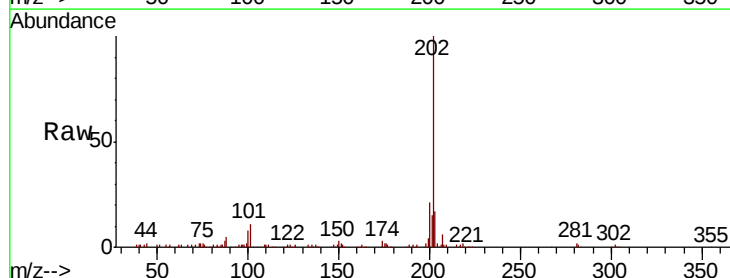
Tgt Ion:202 Resp: 172297

Ion Ratio Lower Upper

202 100

101 11.0 8.6 12.8

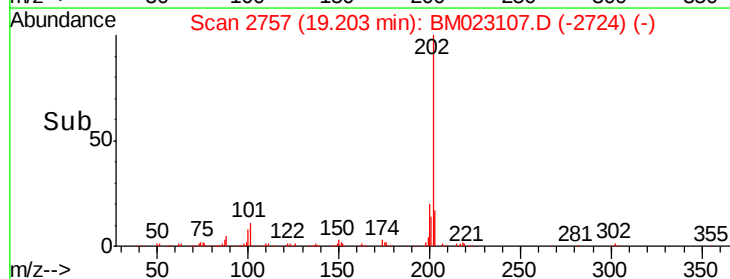
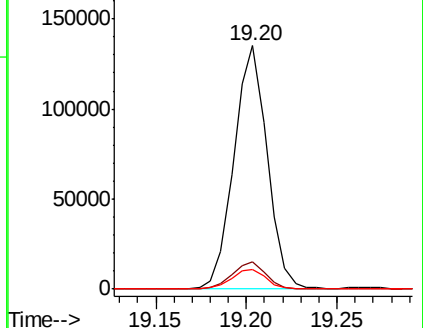
100 7.8 6.4 9.6

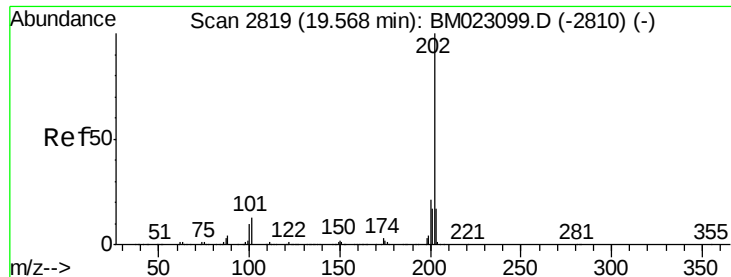


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

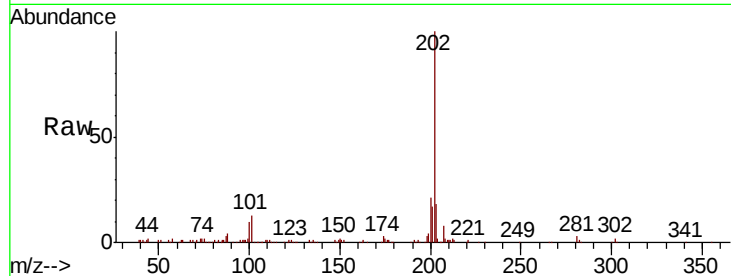




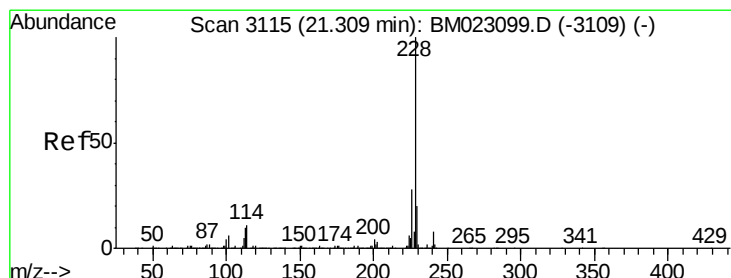
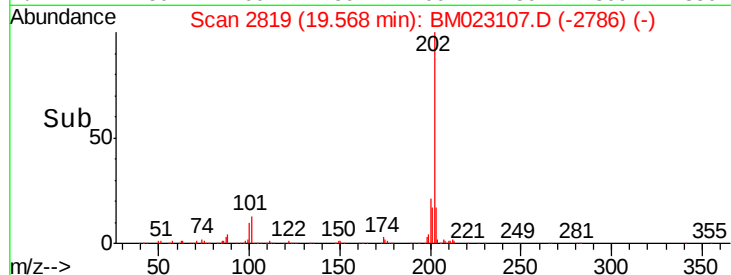
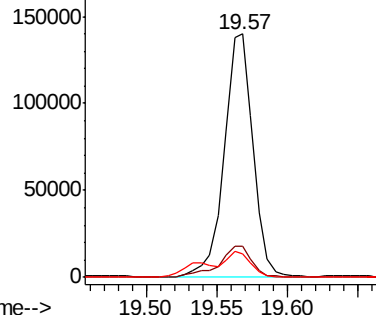
#80
Pvrene
Concen: 3.713 ng/ul
RT: 19.57 min Scan# 2819
Delta R.T. -0.01 min
Lab File: BM023107.D
Acq: 10 Oct 2019 06:30

Instrument :
BNA_M
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.7	14.5
100	9.7	7.8	11.8

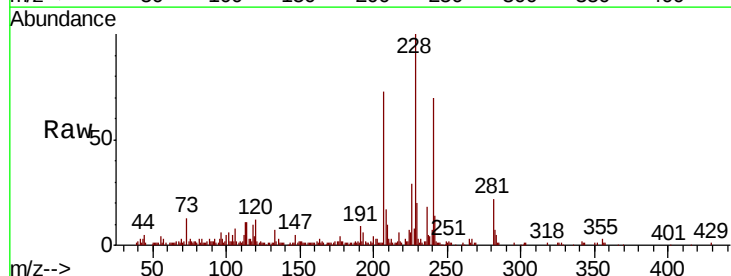


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

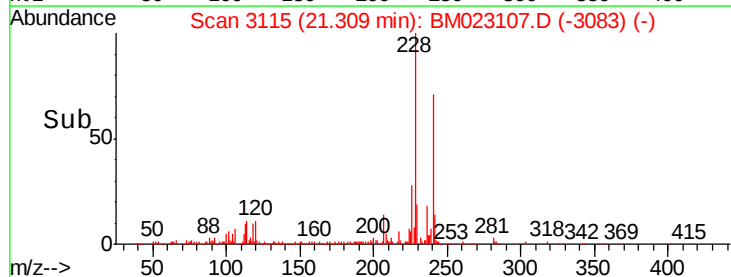
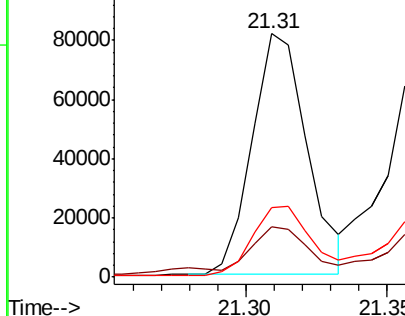


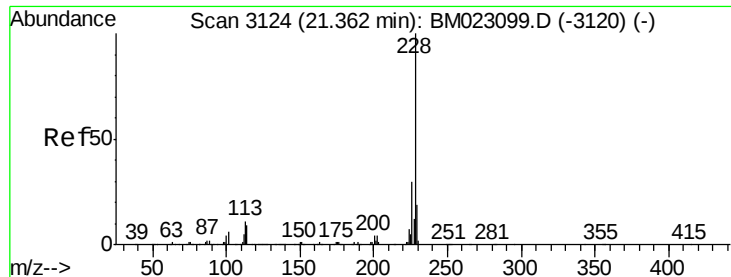
#83
Benzo(a)anthracene
Concen: 2.006 ng/ul
RT: 21.31 min Scan# 3115
Delta R.T. -0.01 min
Lab File: BM023107.D
Acq: 10 Oct 2019 06:30

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.8	23.8
226	28.8	22.4	33.6



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

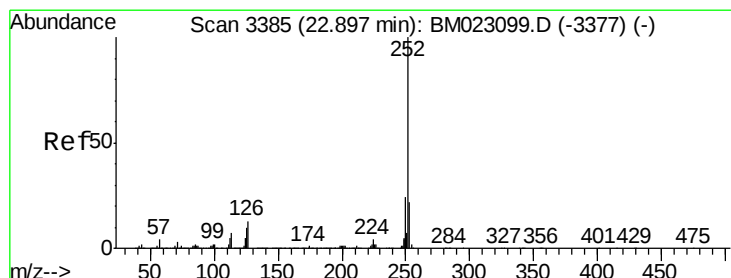
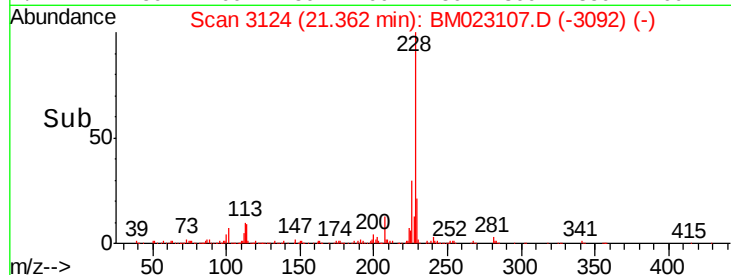
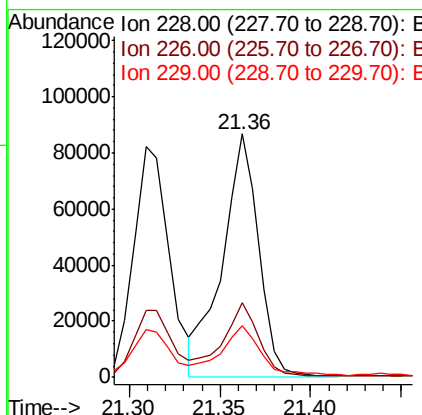
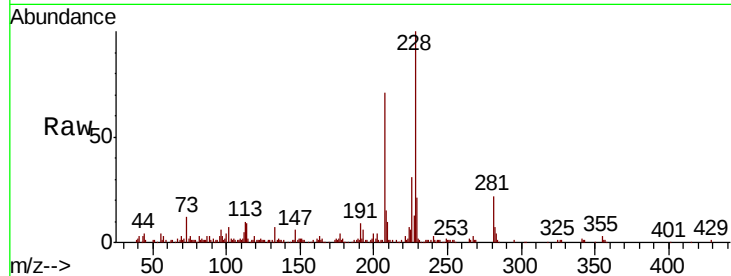




#85
Chrysene
Concen: 2.369 ng/ul
RT: 21.36 min Scan# 3124
Delta R.T. -0.01 min
Lab File: BM023107.D
Acq: 10 Oct 2019 06:30

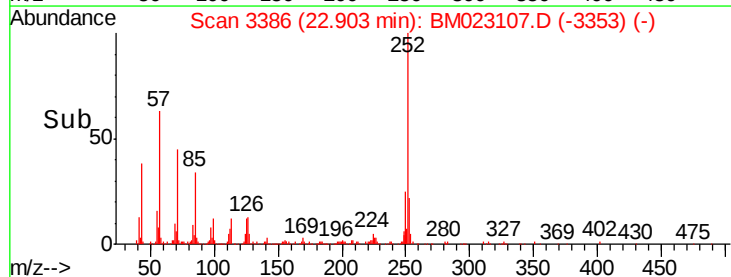
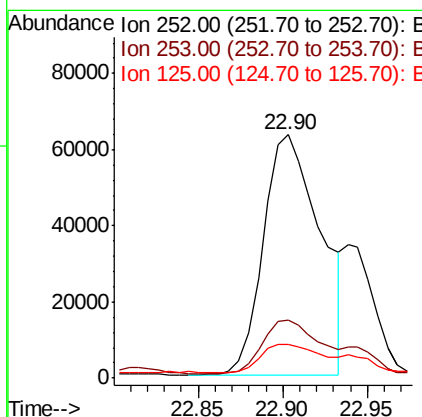
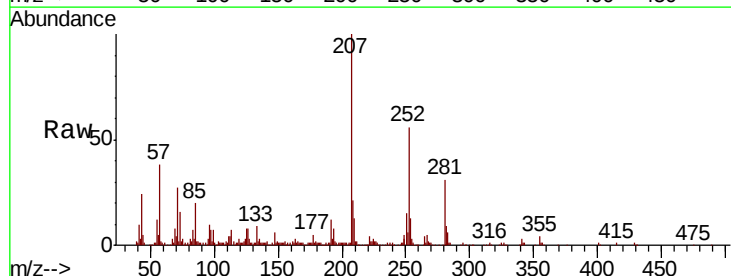
Instrument :
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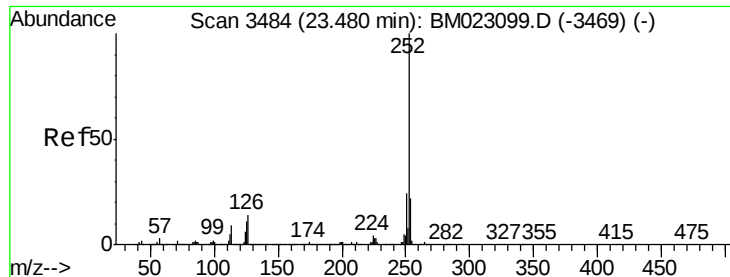
Tot Ion:228	Resp:	120271
Ion Ratio	Lower	Upper
228	100	
226	30.7	24.2 36.4
229	21.4	15.9 23.9



#88
Benzo(b)fluoranthene
Concen: 2.474 ng/ul
RT: 22.90 min Scan# 3386
Delta R.T. -0.01 min
Lab File: BM023107.D
Acq: 10 Oct 2019 06:30

Tgt Ion:252	Resp:	148424
Ion Ratio	Lower	Upper
252	100	
253	23.8	17.7 26.5
125	14.0	8.2 12.2#





#91

Benzo(a)pyrene

Concen: 1.950 ng/ul

RT: 23.48 min Scan# 3484

Delta R.T. -0.01 min

Lab File: BM023107.D

Acq: 10 Oct 2019 06:30

Instrument :

BNA_M

ClientSampleId :

BEPC6

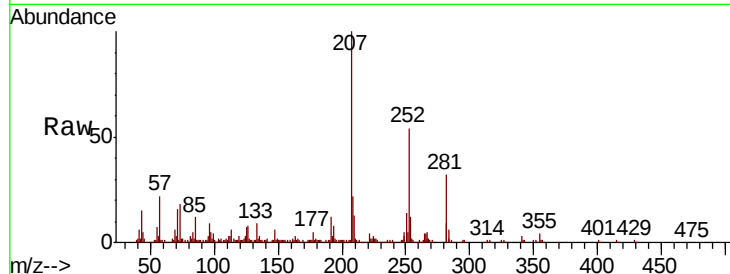
Tot Ion:252 Resp: 109748

Ion Ratio Lower Upper

252 100

253 22.9 17.6 26.4

125 12.7 8.7 13.1

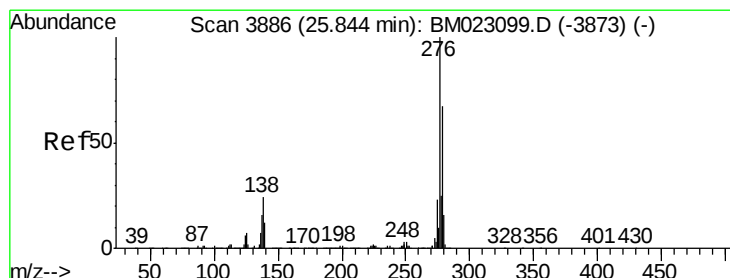
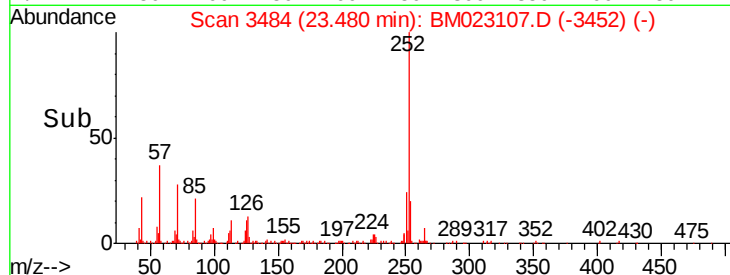
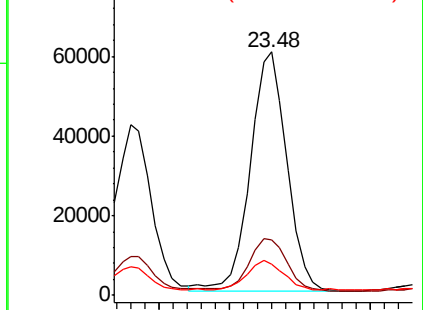


Abundance

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: 1.195 ng/ul

RT: 25.84 min Scan# 3885

Delta R.T. -0.03 min

Lab File: BM023107.D

Acq: 10 Oct 2019 06:30

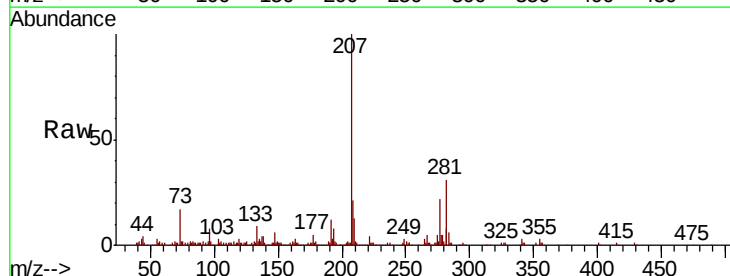
Tgt Ion:276 Resp: 71435

Ion Ratio Lower Upper

276 100

138 19.8 19.8 29.8#

277 24.7 20.3 30.5

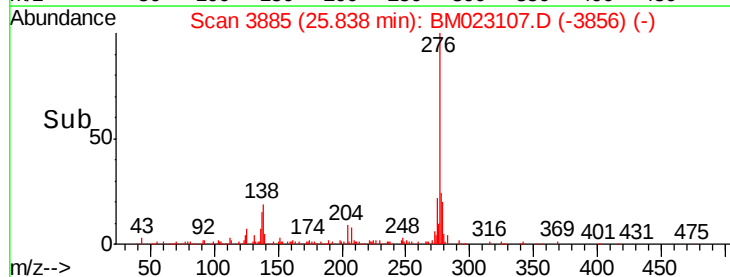
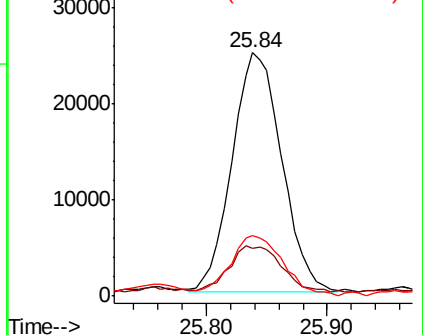


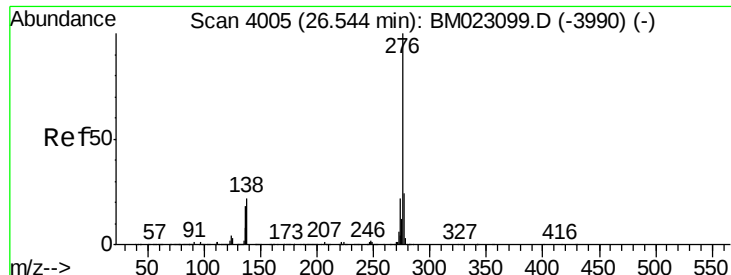
Abundance

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: 1.424 ng/ul

RT: 26.54 min Scan# 4004

Delta R.T. -0.03 min

Lab File: BM023107.D

Acq: 10 Oct 2019 06:30

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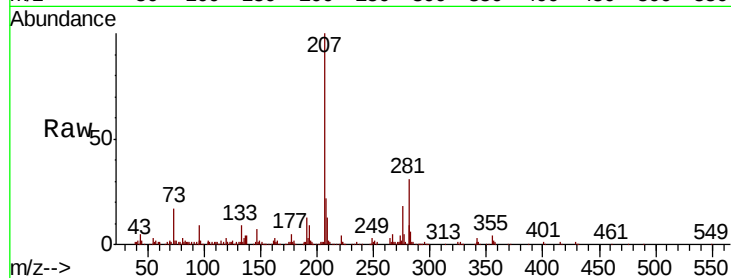
Tot Ion:276 Resp: 68697

Ion Ratio Lower Upper

276 100

138 21.5 17.6 26.4

277 25.1 19.1 28.7



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

