

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 :

Quant Time: Oct 10 07:03:49 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

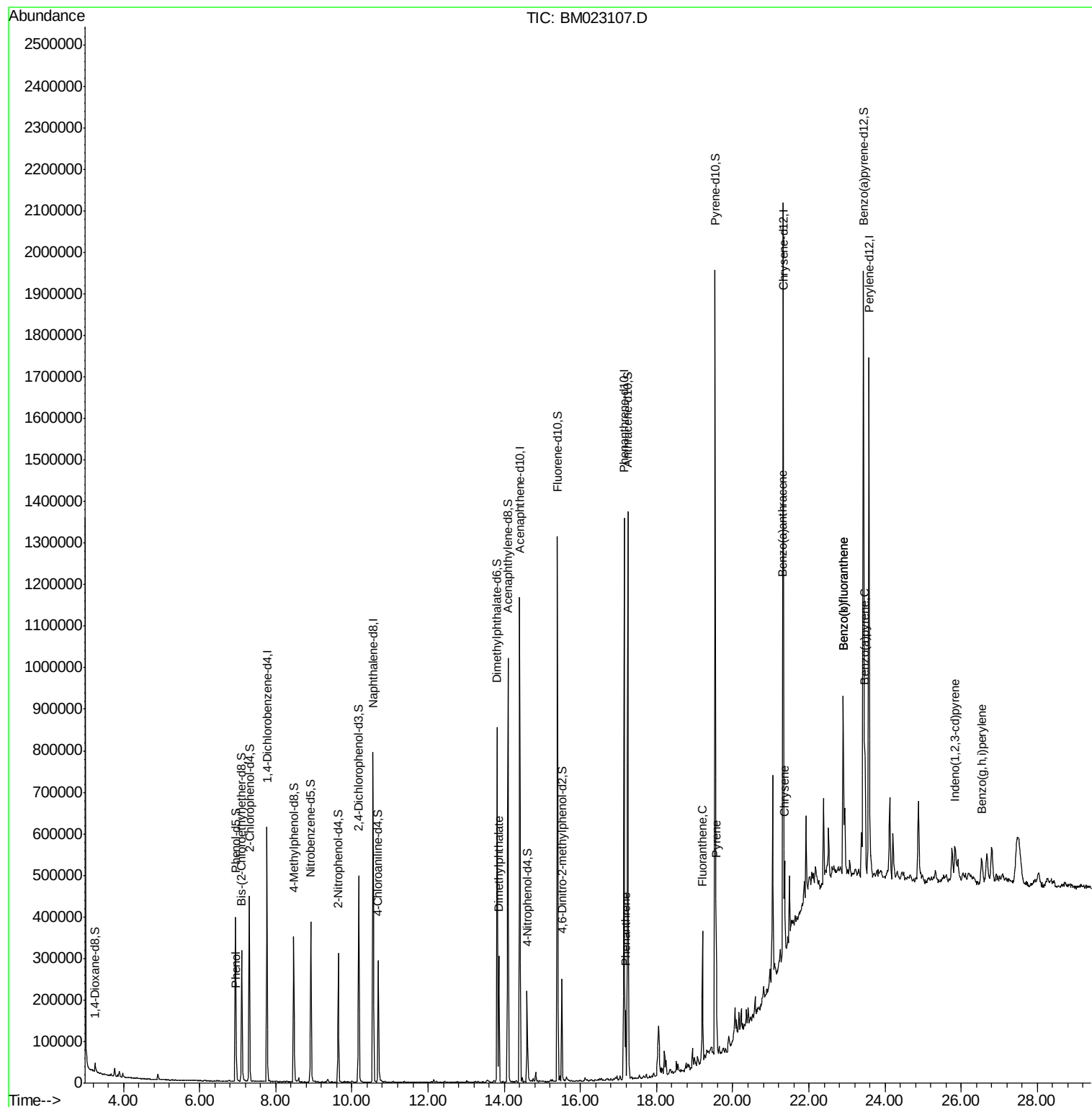
Target Compounds				Ovalue		
6) Phenol	6.96	94	33589	2.158	ng/ul	95
45) Dimethylphthalate	13.86	163	194461	6.374	ng/ul	99
70) Phenanthrene	17.19	178	96935	2.165	ng/ul	99
77) Fluoranthene	19.20	202	172297	3.421	ng/ul	99
80) Pyrene	19.57	202	201881	3.713	ng/ul	99
83) Benzo(a)anthracene	21.31	228	110485	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
89) Benzo(k)fluoranthene	22.90	252	148424	2.586	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

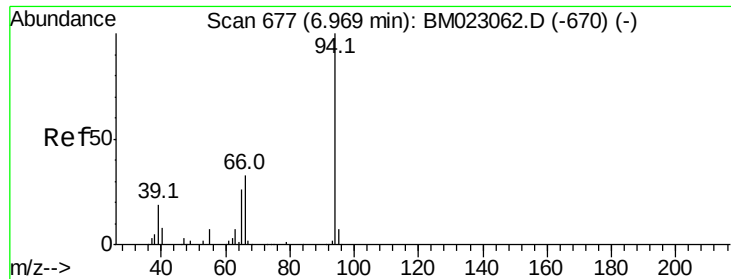
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :

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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

ClientSampled :

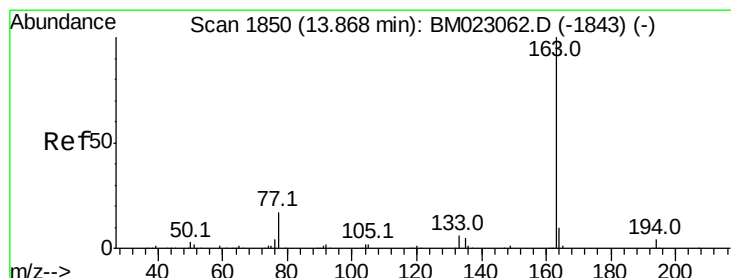
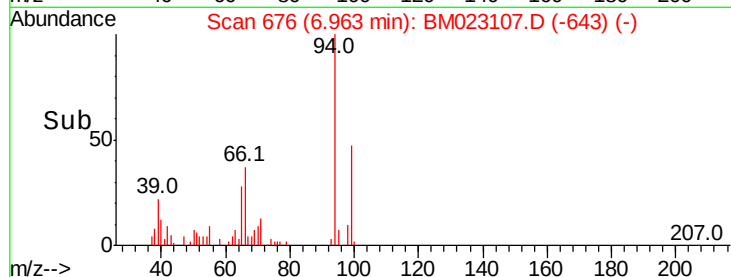
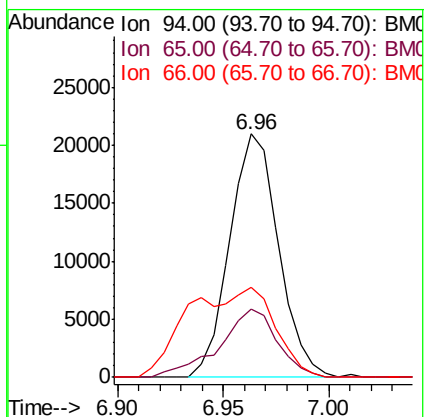
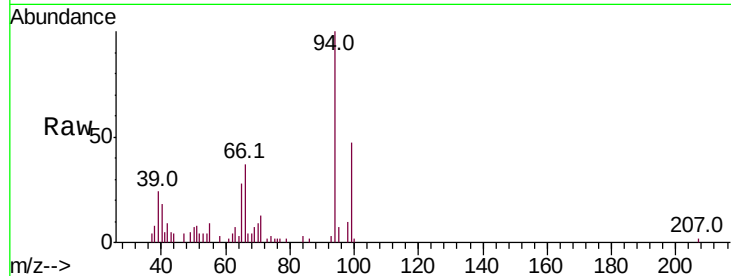
Tot Ion: 94 Resp: 33589

Ion Ratio Lower Upper

94 100

65 28.1 20.9 31.3

66 37.0 27.2 40.8



#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

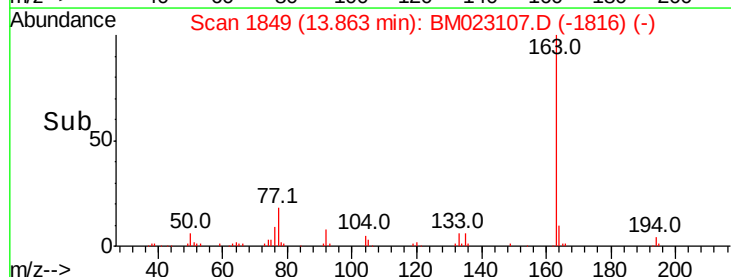
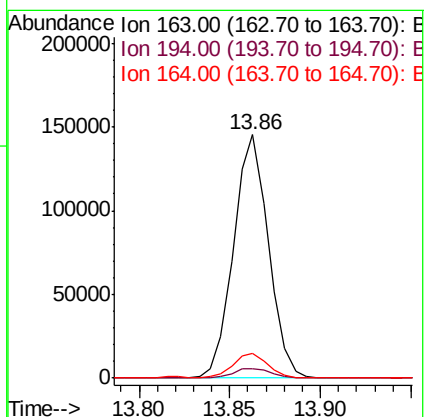
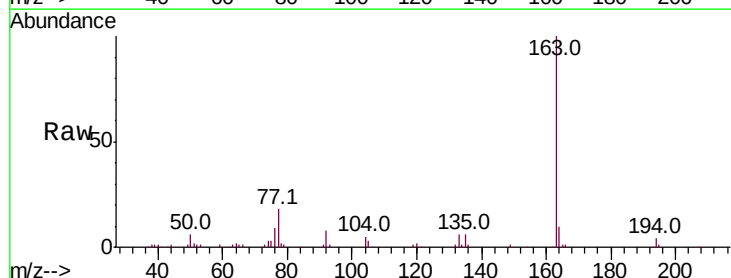
Tgt Ion: 163 Resp: 194461

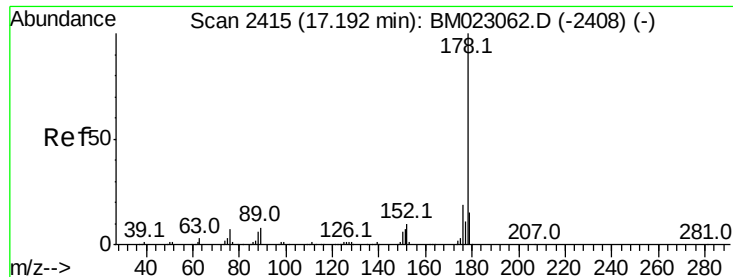
Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.0

164 9.9 8.1 12.1

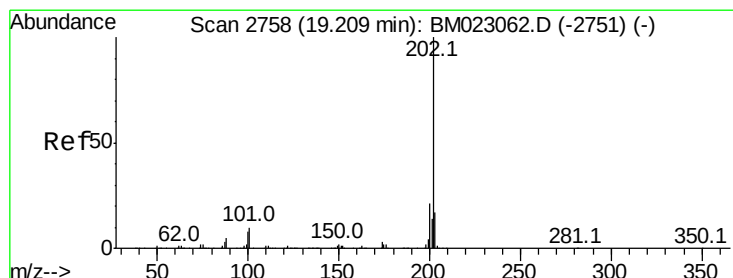
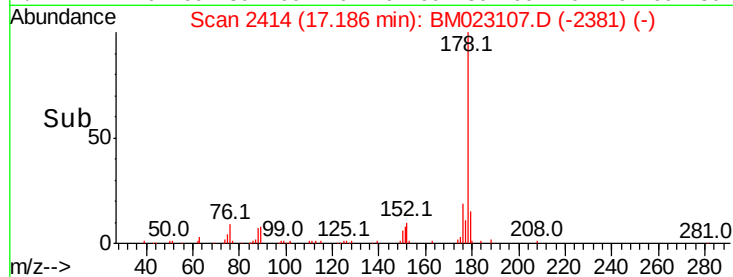
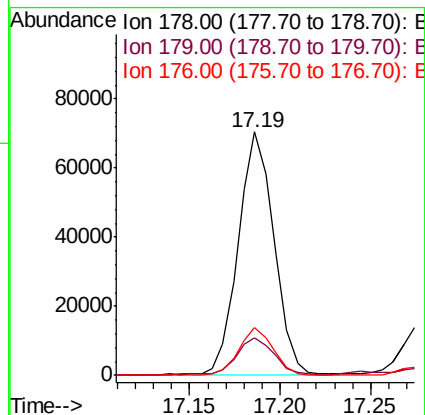
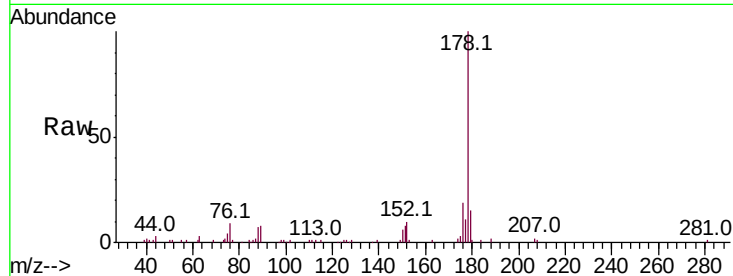




#70
 Phenanthrene
 Concen: 2.165 ng/ul
 RT: 17.19 min Scan# 2414
 Delta R.T. -0.01 min
 Lab File: BM023107.D
 Acq: 10 Oct 2019 06:30

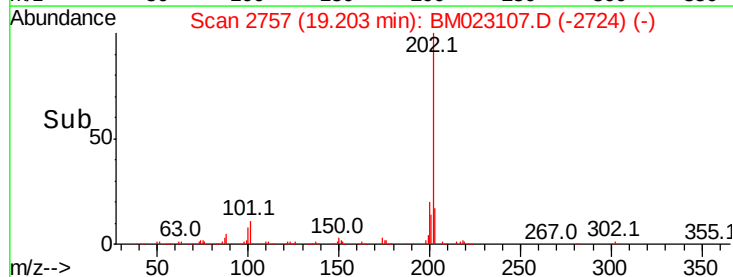
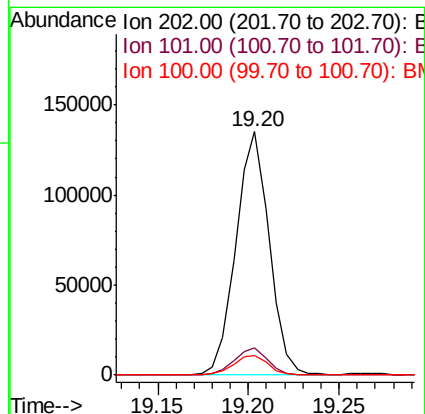
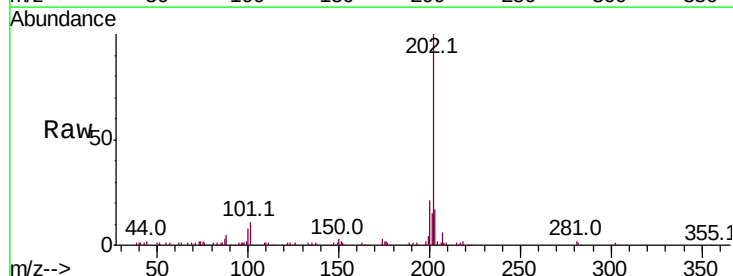
Instrument :
 BNA_M
 ClientSampleId :

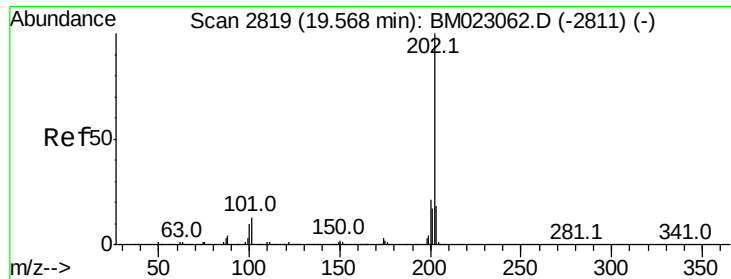
Tot Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.4	18.6
176	19.4	15.3	22.9



#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	Ratio	Lower	Upper
202	100		
101	11.0	8.6	12.8
100	7.8	6.4	9.6

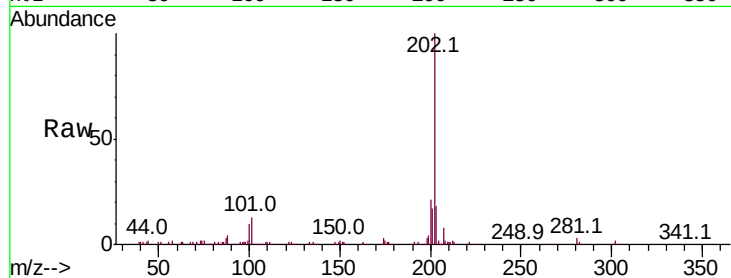




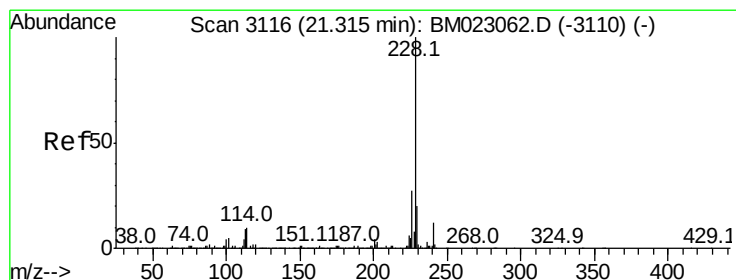
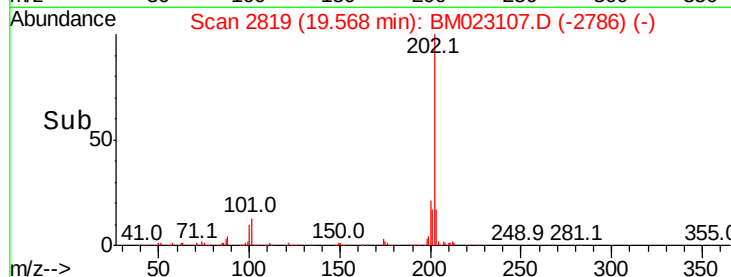
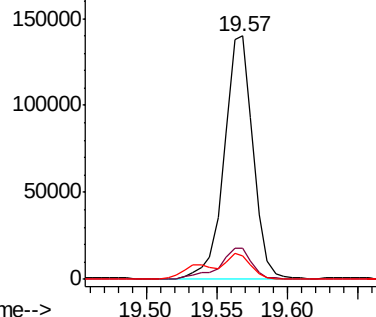
#80
Pvrene
Concen: 3.713 ng/ul
RT: 19.57 min Scan# 2819
Delta R.T. -0.01 min
Lab File: BM023107.D
Acq: 10 Oct 2019 06:30

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.7	14.5
100	9.7	7.8	11.8

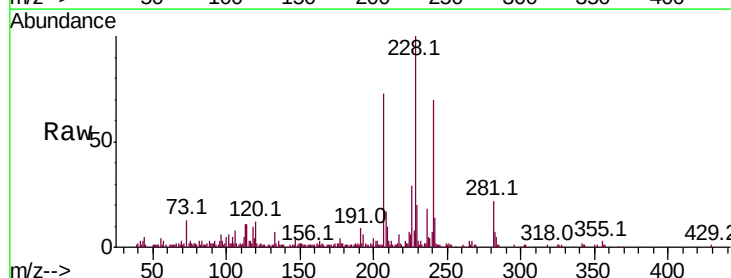


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

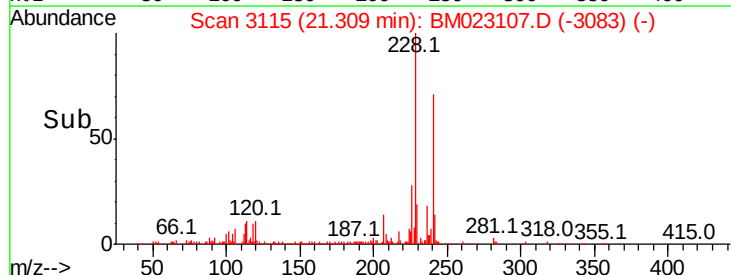
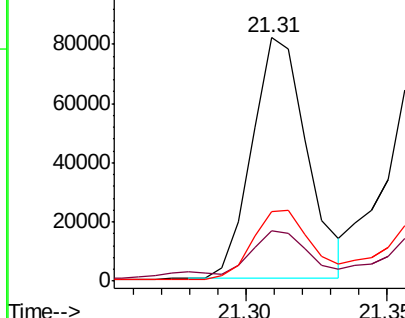


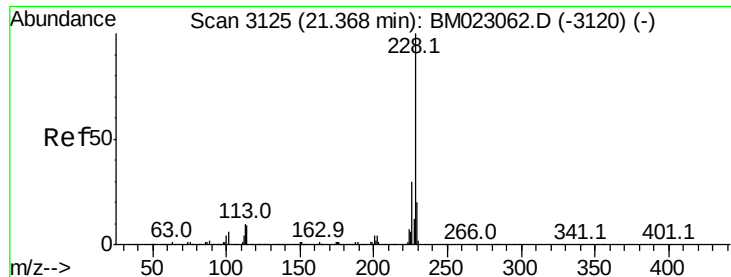
#83
Benzo(a)anthracene
Concen: 2.006 ng/ul
RT: 21.31 min Scan# 3115
Delta R.T. -0.01 min
Lab File: BM023107.D
Acq: 10 Oct 2019 06:30

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

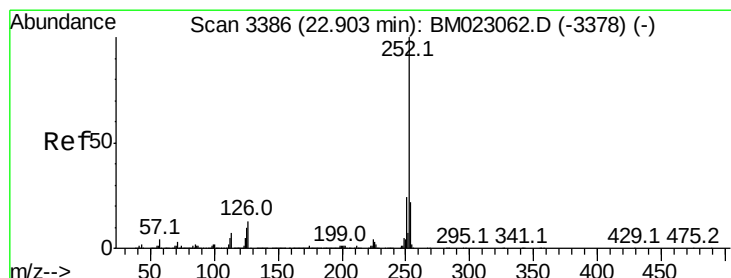
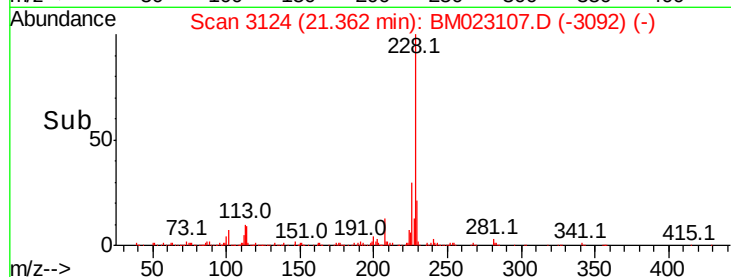
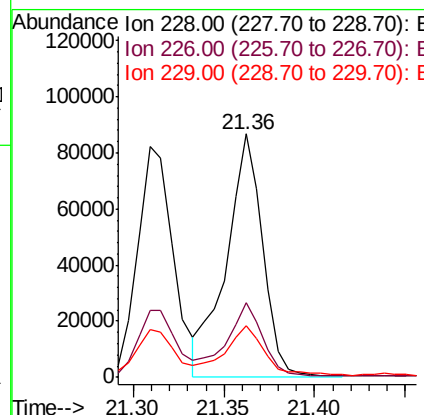
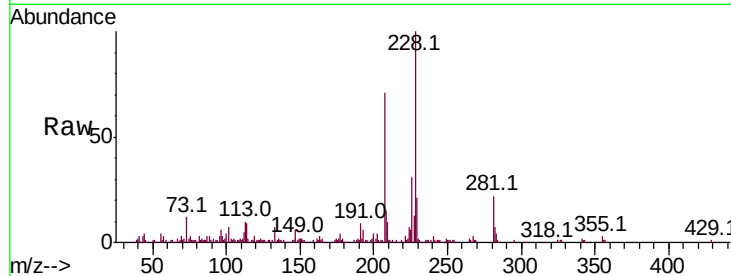




#85
 Chrysene
 Concen: 2.369 ng/ul
 RT: 21.36 min Scan# 3124
 Delta R.T. -0.01 min
 Lab File: BM023107.D
 Acq: 10 Oct 2019 06:30

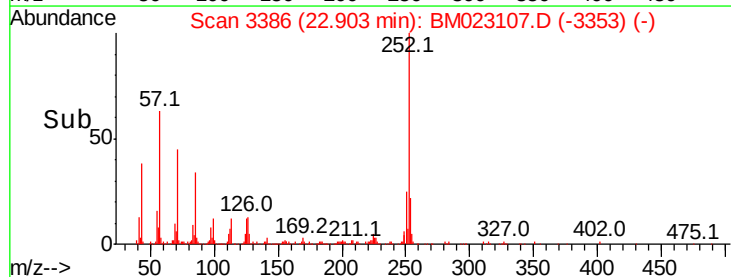
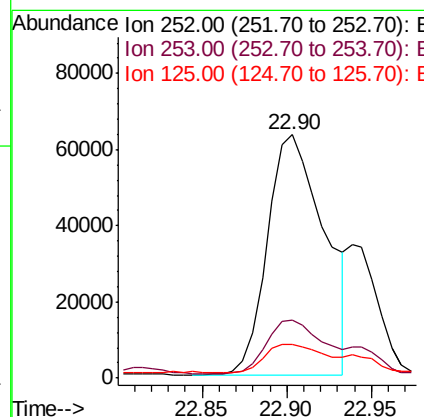
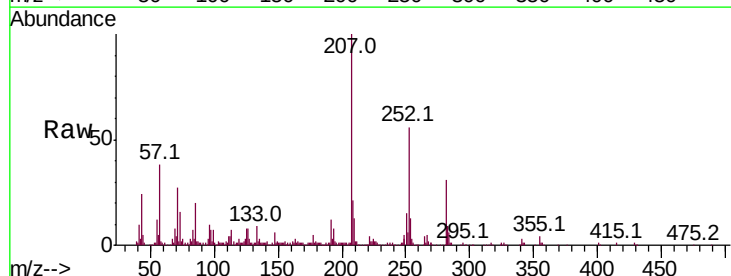
Instrument :
 BNA_M
 ClientSampled :

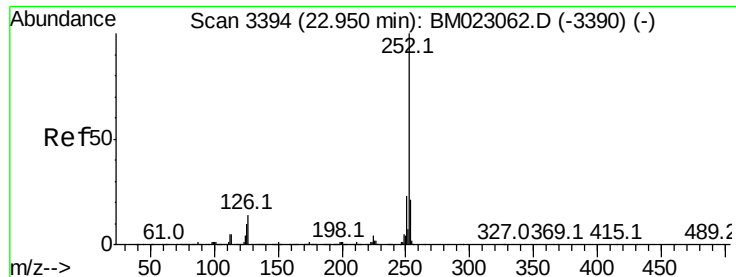
Tot	Ion:228	Resp:	120271
Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.2	36.4
229	21.4	15.9	23.9



#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: Lower	148424 Upper
252	100		
253	23.8	17.7	26.5
125	14.0	8.2	12.2#





#89

Benzo(k)fluoranthene

Concen: 2.586 ng/ul

RT: 22.90 min Scan# 3386

Delta R.T. -0.05 min

Lab File: BM023107.D

Acq: 10 Oct 2019 06:30

Instrument :

BNA_M

ClientSampleId :

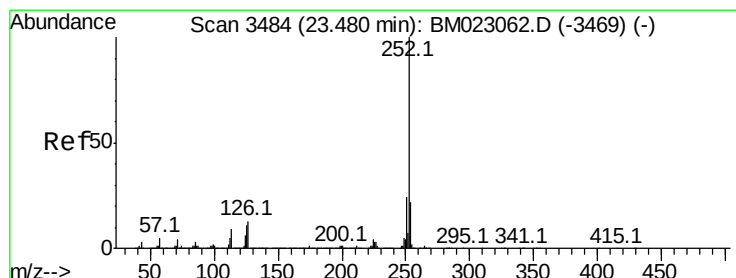
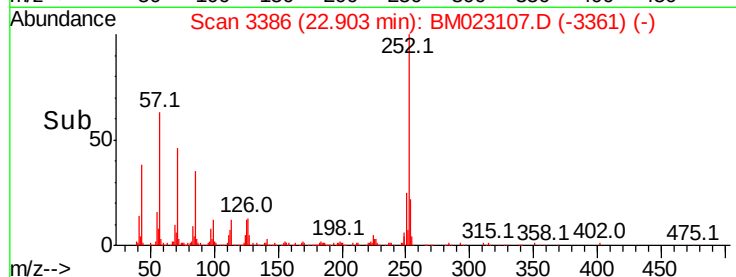
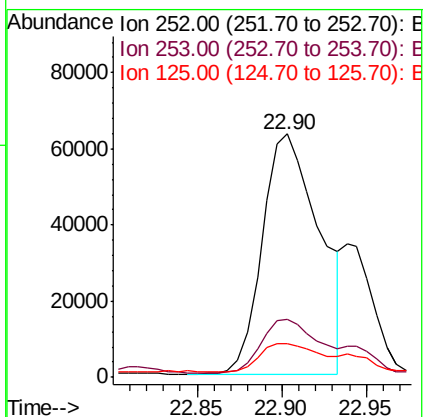
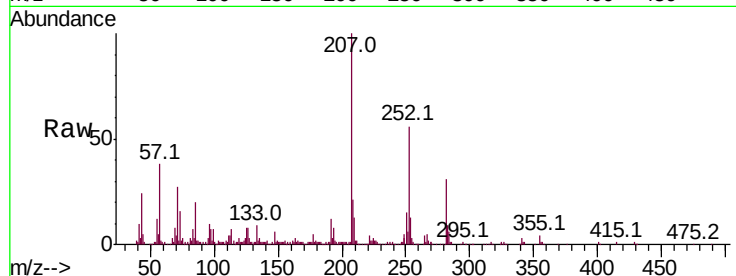
Tot Ion:252 Resp: 148424

Ion Ratio Lower Upper

252 100

253 23.8 17.5 26.3

125 14.0 7.9 11.9#



#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

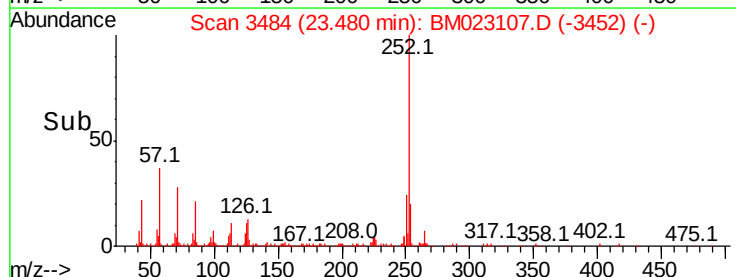
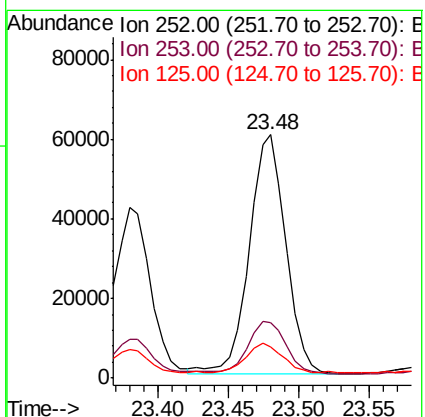
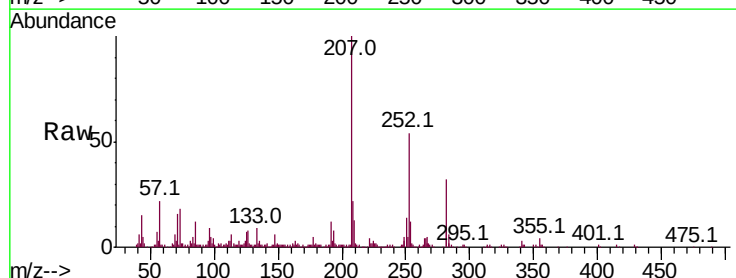
Tgt Ion:252 Resp: 109748

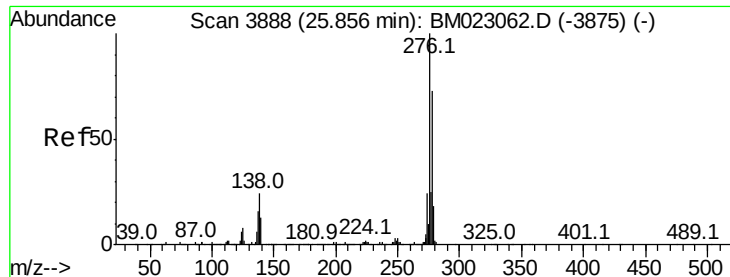
Ion Ratio Lower Upper

252 100

253 22.9 17.6 26.4

125 12.7 8.7 13.1



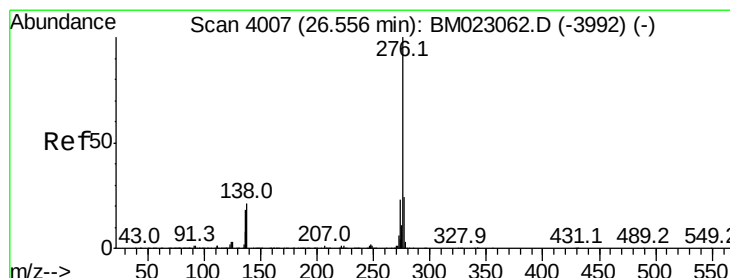
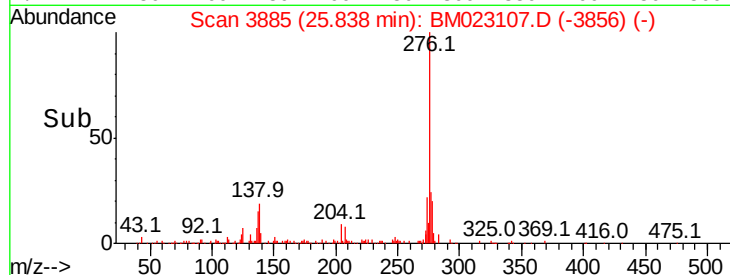
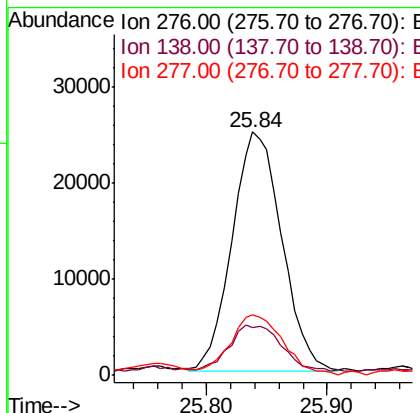
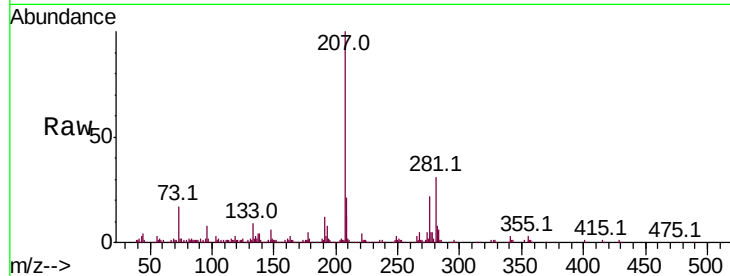


#92

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

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.8	19.8	29.8#
277	24.7	20.3	30.5



#94

Benzo(g,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

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.5	17.6	26.4
277	25.1	19.1	28.7

