

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031516\
 Data File : BM004623.D
 Acq On : 16 Mar 2016 07:00
 Operator : UM/SJ
 Sample : H1779-12 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BCA10

Quant Time: Mar 16 08:06:53 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM031516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 16 07:32:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	60209	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	263358	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.47	164	151424	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	339369	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	391099	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	389292	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.34	96	996	0.57	ng/uL	0.00
5) Phenol-d5	7.00	99	17908	3.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	11686	4.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	15338	3.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	13197	3.31	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	5381	2.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	5199	2.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	12688	3.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	17377	3.74	ng/ul	0.00
44) Dimethylphthalate-d6	13.88	166	42378	3.58	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	49379	3.40	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	2437	1.07	ng/ul	0.00
58) Fluorene-d10	15.47	176	42696	4.14	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	1969	1.10	ng/ul	0.00
71) Anthracene-d10	17.22	188	339369	21.72	ng/ul	-0.10
79) Pyrene-d10	19.61	212	78173	4.38	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.55	264	84188	4.84	ng/ul	0.00

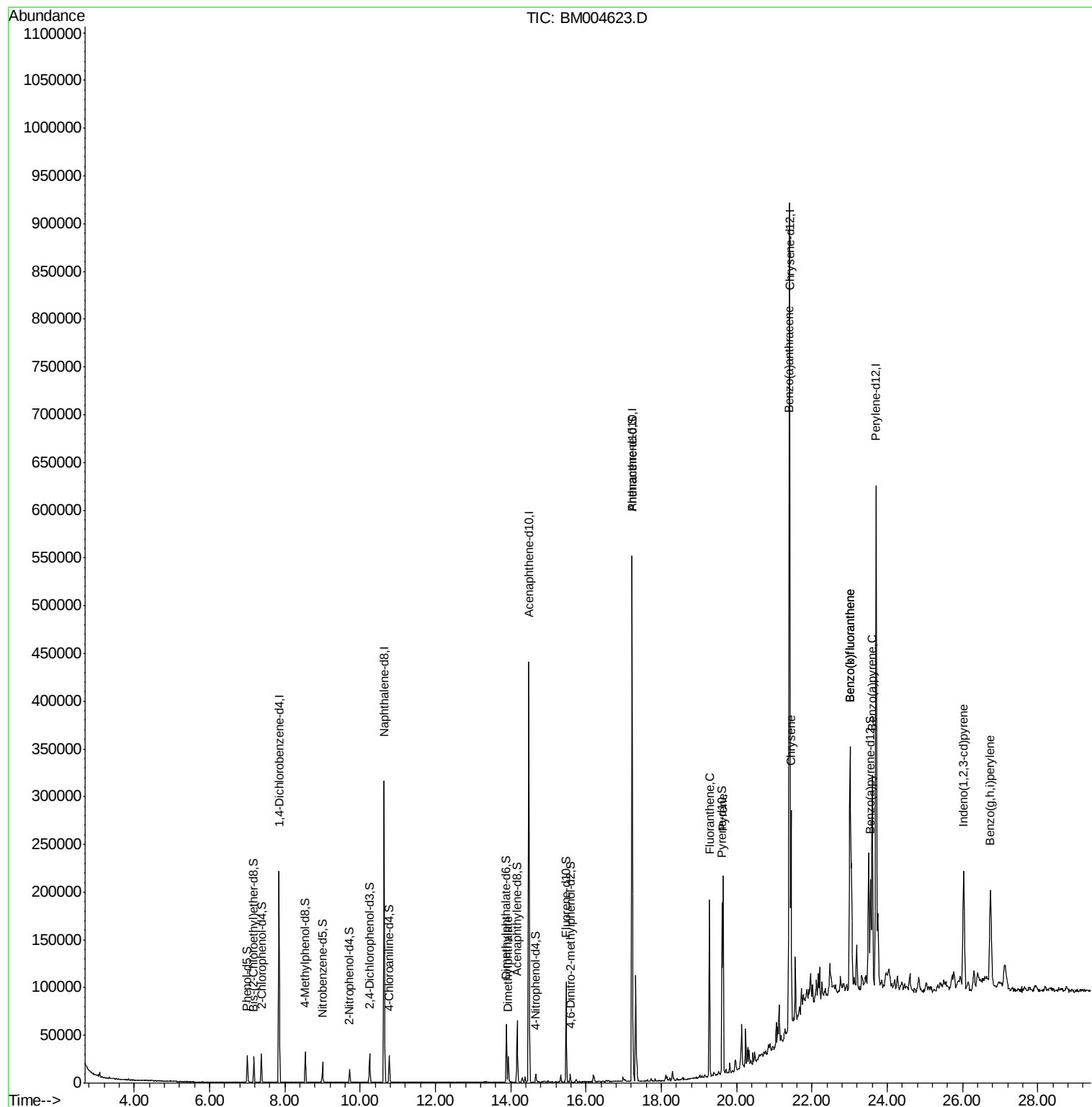
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
45) Dimethylphthalate	13.93	163	18513	1.54	ng/ul	100
77) Fluoranthene	19.27	202	109317	5.11	ng/ul	98
80) Pyrene	19.64	202	125512	5.30	ng/ul	98
83) Benzo(a)anthracene	21.39	228	107332	4.70	ng/ul	99
85) Chrysene	21.44	228	123486	5.66	ng/ul	99
88) Benzo(b)fluoranthene	23.01	252	226986	9.78	ng/ul	99
89) Benzo(k)fluoranthene	23.01	252	226986	10.28	ng/ul	98
91) Benzo(a)pyrene	23.60	252	158175	7.11	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	26.03	276	122002	4.88	ng/ul	95
94) Benzo(g,h,i)perylene	26.74	276	125174	5.91	ng/ul	99

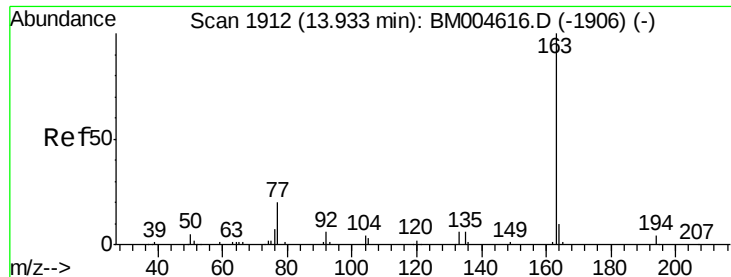
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 1.54 ng/ul

RT: 13.93 min Scan# 1912

Delta R.T. 0.00 min

Lab File: BM004623.D

Acq: 16 Mar 2016 07:00

Instrument :

BNA_M

ClientSampleId :

BCA10

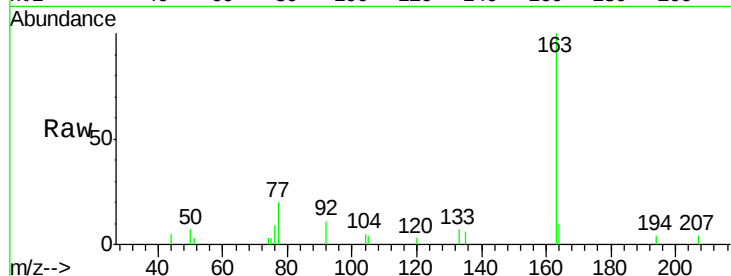
Tot Ion:163 Resp: 18513

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

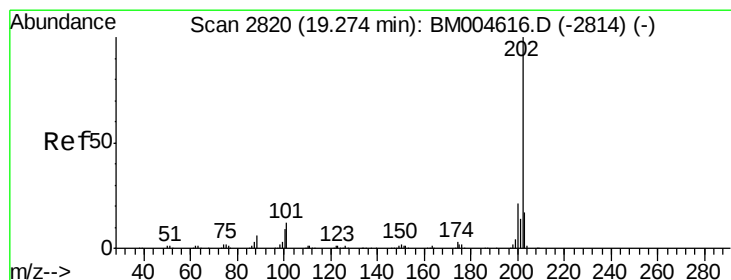
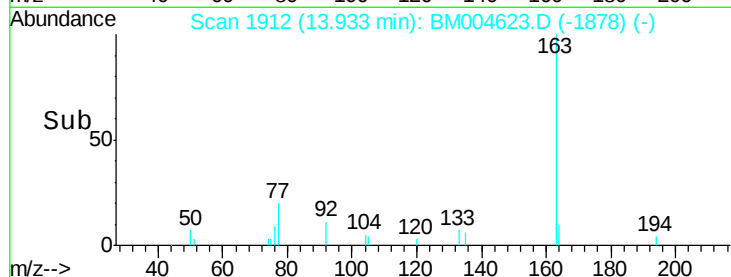
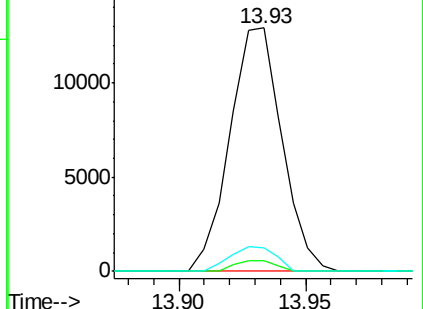
164 9.8 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#77

Fluoranthene

Concen: 5.11 ng/ul

RT: 19.27 min Scan# 2820

Delta R.T. 0.00 min

Lab File: BM004623.D

Acq: 16 Mar 2016 07:00

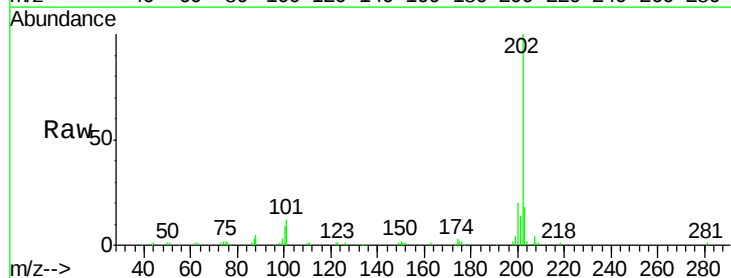
Tgt Ion:202 Resp: 109317

Ion Ratio Lower Upper

202 100

101 12.0 8.8 13.2

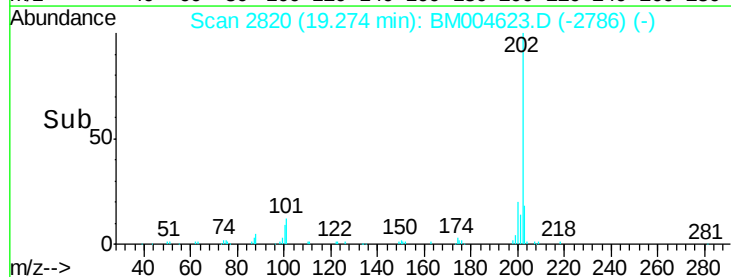
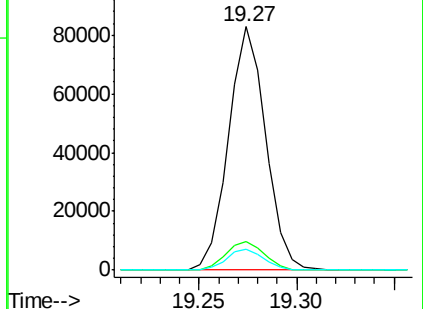
100 8.8 6.6 9.8

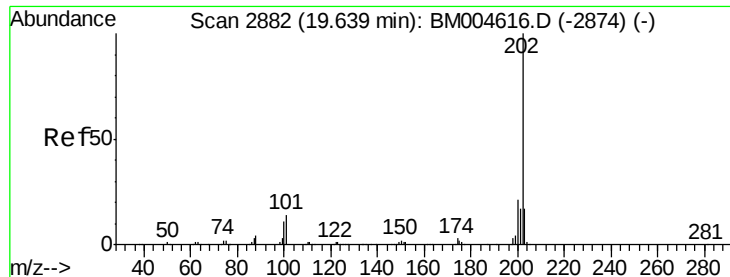


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

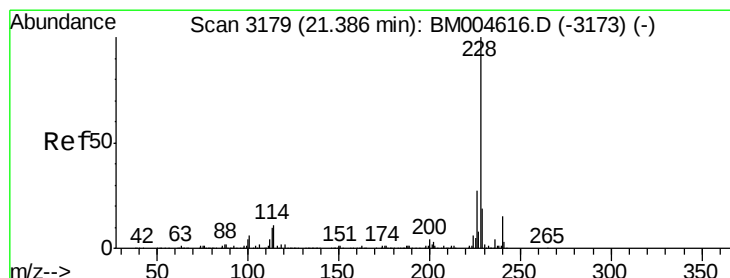
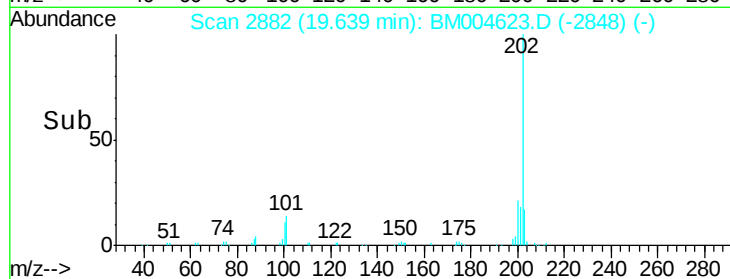
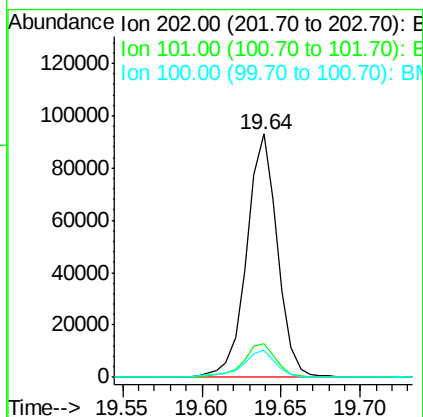
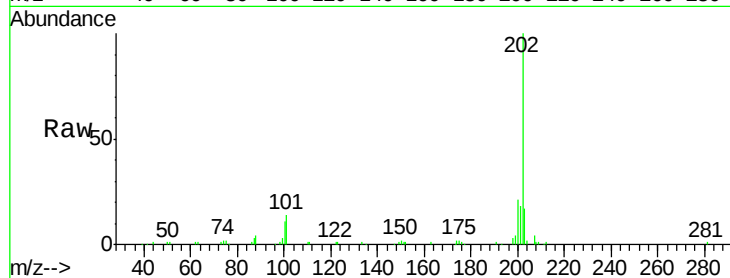




#80
Pvrene
Concen: 5.30 ng/ul
RT: 19.64 min Scan# 2882
Delta R.T. 0.00 min
Lab File: BM004623.D
Acq: 16 Mar 2016 07:00

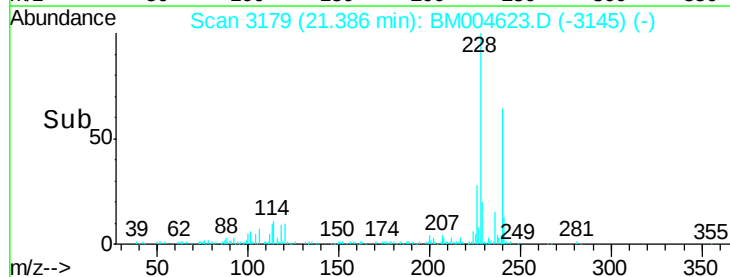
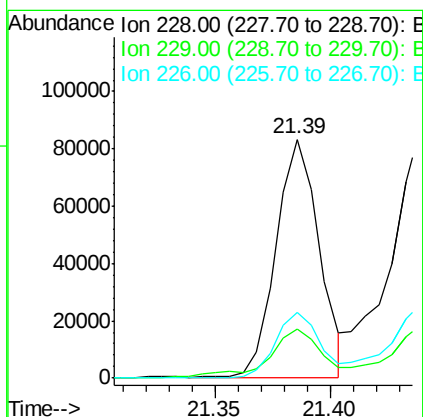
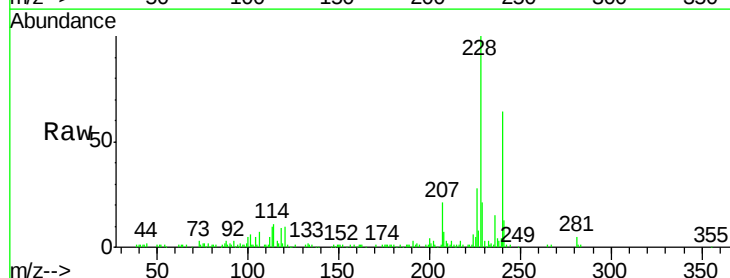
Instrument :
BNA_M
ClientSampleId :
BCA10

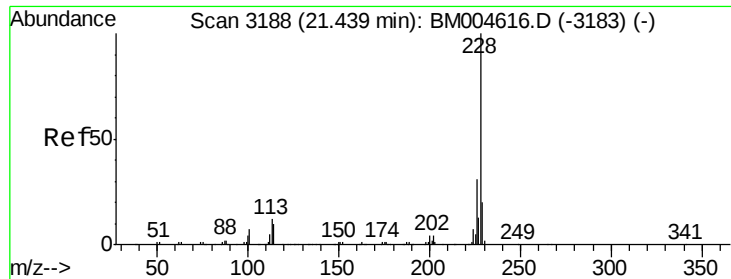
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.8	10.2	15.2
100	11.1	8.5	12.7



#83
Benzo(a)anthracene
Concen: 4.70 ng/ul
RT: 21.39 min Scan# 3179
Delta R.T. 0.00 min
Lab File: BM004623.D
Acq: 16 Mar 2016 07:00

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.7	23.5
226	27.6	21.8	32.6

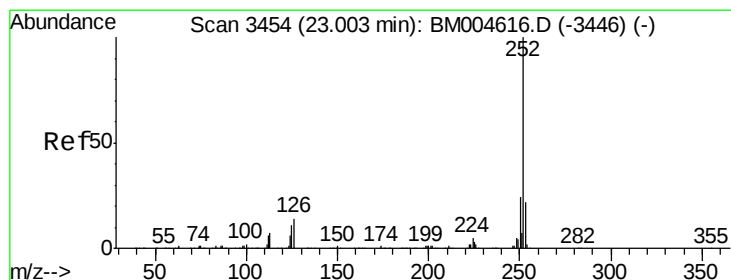
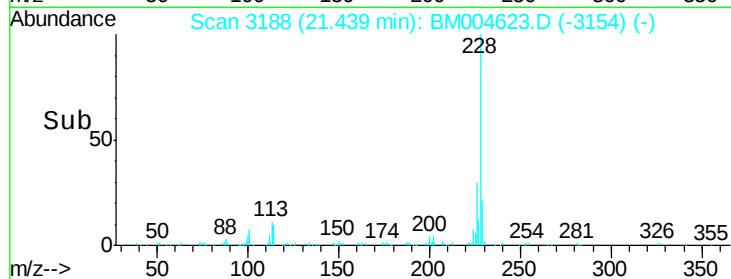
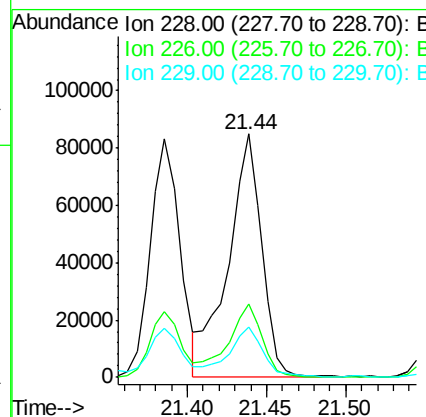
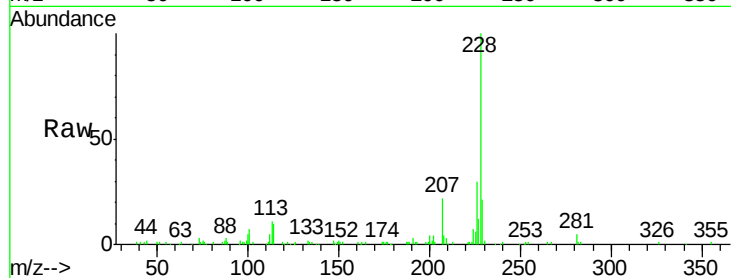




#85
Chrysene
Concen: 5.66 ng/ul
RT: 21.44 min Scan# 3188
Delta R.T. 0.00 min
Lab File: BM004623.D
Acq: 16 Mar 2016 07:00

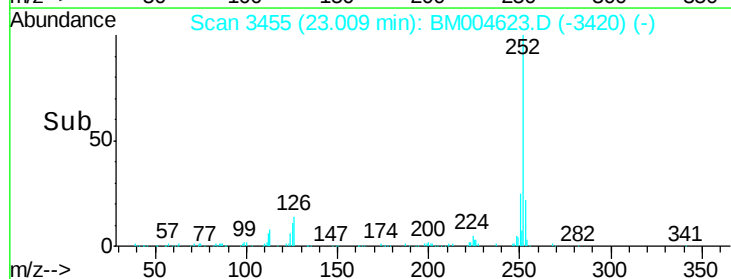
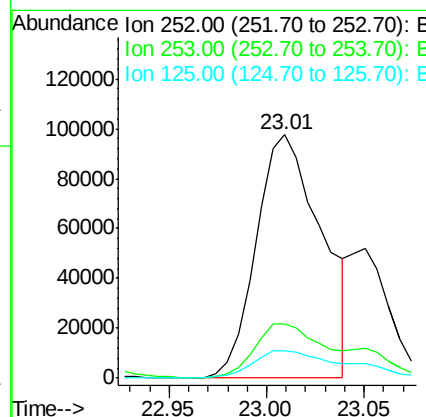
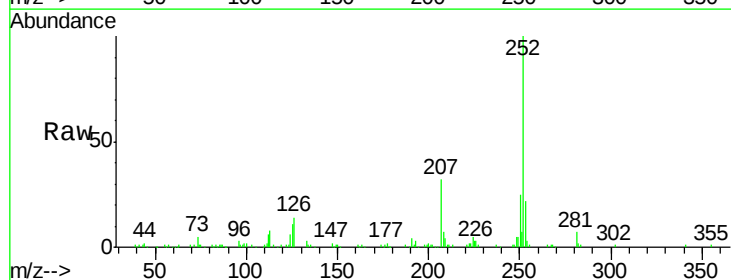
Instrument :
BNA_M
ClientSampled :
BCA10

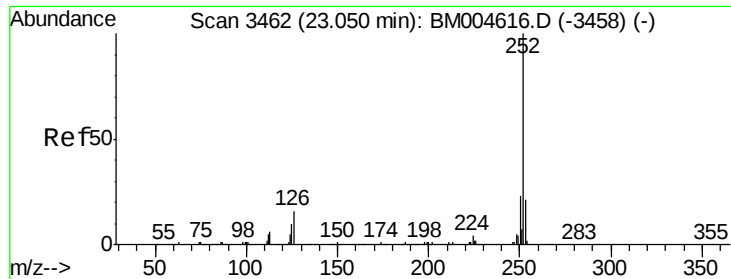
Tot Ion:228 Resp: 123486
Ion Ratio Lower Upper
228 100
226 30.0 24.0 36.0
229 20.9 15.6 23.4



#88
Benzo(b)fluoranthene
Concen: 9.78 ng/ul
RT: 23.01 min Scan# 3455
Delta R.T. 0.01 min
Lab File: BM004623.D
Acq: 16 Mar 2016 07:00

Tgt Ion:252 Resp: 226986
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 11.5 8.5 12.7

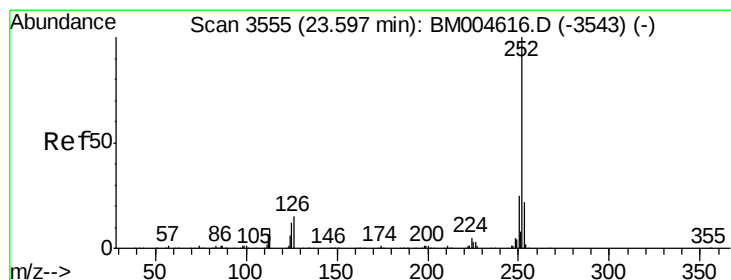
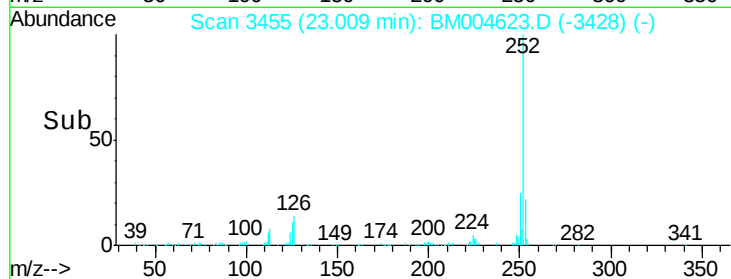
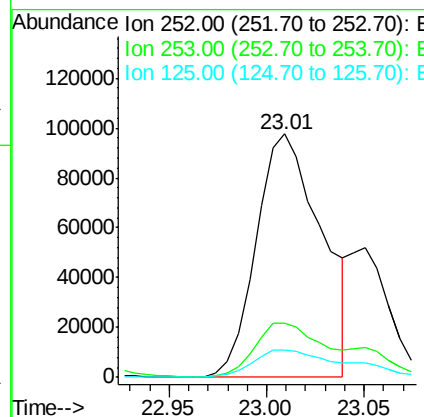
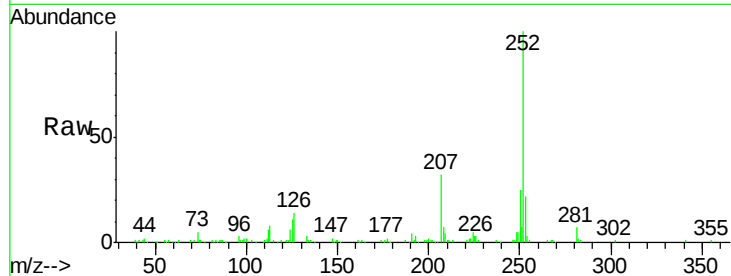




#89
Benzo(k)fluoranthene
Concen: 10.28 ng/ul
RT: 23.01 min Scan# 3455
Delta R.T. -0.04 min
Lab File: BM004623.D
Acq: 16 Mar 2016 07:00

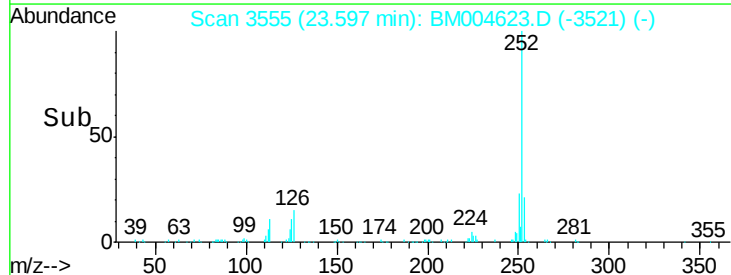
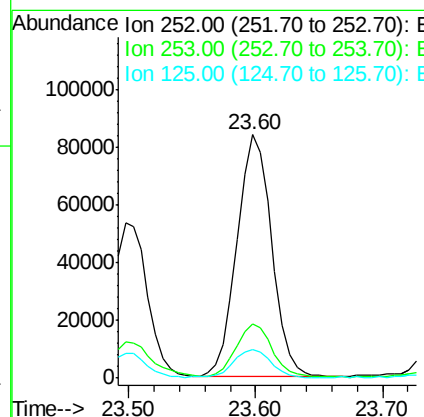
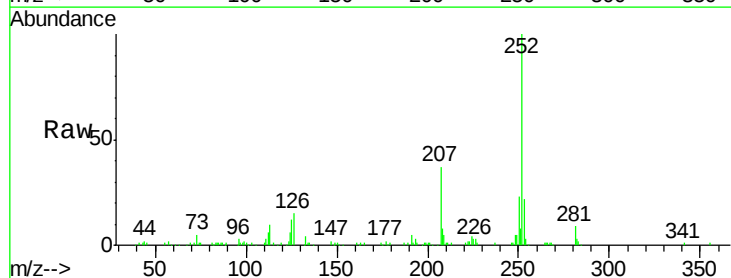
Instrument :
BNA_M
ClientSampleId :
BCA10

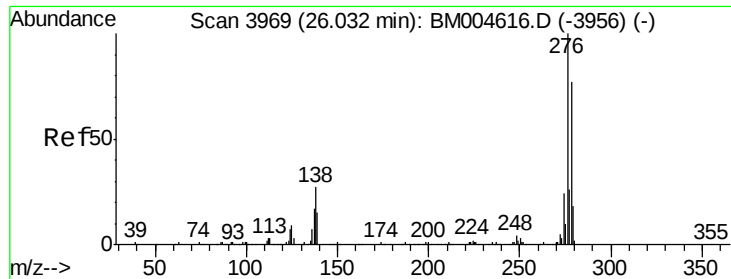
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.3	25.9
125	11.5	8.2	12.2



#91
Benzo(a)pyrene
Concen: 7.11 ng/ul
RT: 23.60 min Scan# 3555
Delta R.T. 0.00 min
Lab File: BM004623.D
Acq: 16 Mar 2016 07:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	11.5	9.0	13.6

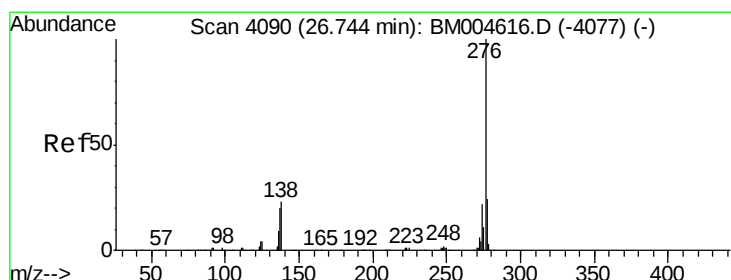
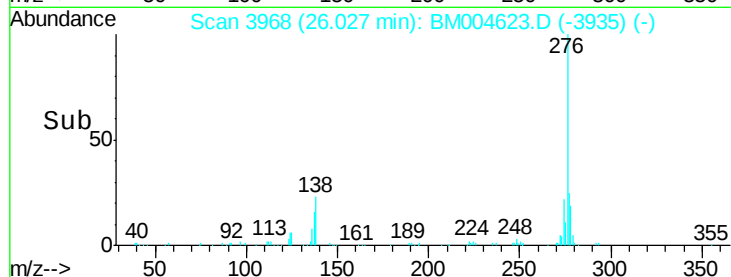
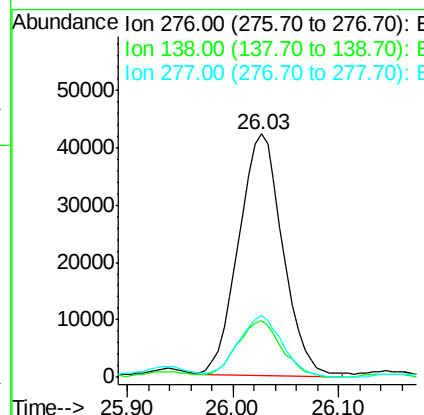
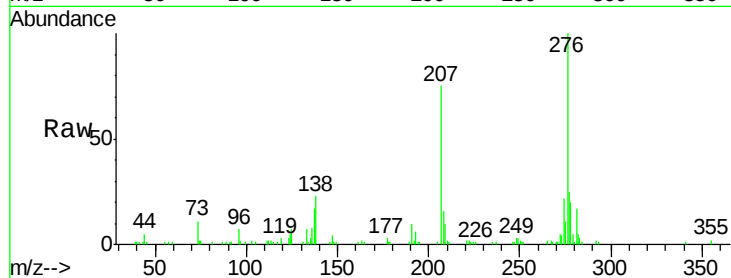




#92
 Indeno(1,2,3-cd)pyrene
 Concen: 4.88 ng/ul
 RT: 26.03 min Scan# 3968
 Delta R.T. -0.01 min
 Lab File: BM004623.D
 Acq: 16 Mar 2016 07:00

Instrument :
 BNA_M
 ClientSampled :
 BCA10

Tot Ion:276 Resp: 122002
 Ion Ratio Lower Upper
 276 100
 138 23.4 22.3 33.5
 277 25.3 20.2 30.2



#94
 Benzo(g,h,i)perylene
 Concen: 5.91 ng/ul
 RT: 26.74 min Scan# 4089
 Delta R.T. -0.01 min
 Lab File: BM004623.D
 Acq: 16 Mar 2016 07:00

Tgt Ion:276 Resp: 125174
 Ion Ratio Lower Upper
 276 100
 138 24.1 18.9 28.3
 277 24.7 19.2 28.8

