

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101417\
 Data File : BM012190.D
 Acq On : 15 Oct 2017 03:07
 Operator : SJ/JU
 Sample : I5548-05 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB6

Quant Time: Oct 15 06:29:14 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Oct 15 06:19:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	146877	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	646293	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	425837	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	1099413	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	1154259	20.00	ng/ul	0.00
83) Perylene-d12	23.70	264	986648	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	1799	0.58	ng/uL	0.00
5) Phenol-d5	6.99	99	42261	3.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	1139	0.16	ng/ul	0.06
9) 2-Chlorophenol-d4	7.35	132	42047	4.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	36690	3.58	ng/ul	0.01
19) Nitrobenzene-d5	8.99	128	18759	3.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	20729	3.60	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.25	165	44493	4.04	ng/ul	0.01
29) 4-Chloroaniline-d4	10.78	131	24506	2.38	ng/ul	0.02
43) Dimethylphthalate-d6	13.87	166	179956	4.78	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	212407	4.66	ng/ul	0.00
51) 4-Nitrophenol-d4	14.72	143	3520	0.62	ng/ul	0.04
57) Fluorene-d10	15.46	176	161376	5.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	8671	1.15	ng/ul	0.00
70) Anthracene-d10	17.31	188	273439	5.03	ng/ul	0.00
76) Pyrene-d10	19.60	212	325138	5.55	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.55	264	236212	4.97	ng/ul	0.00

Target Compounds

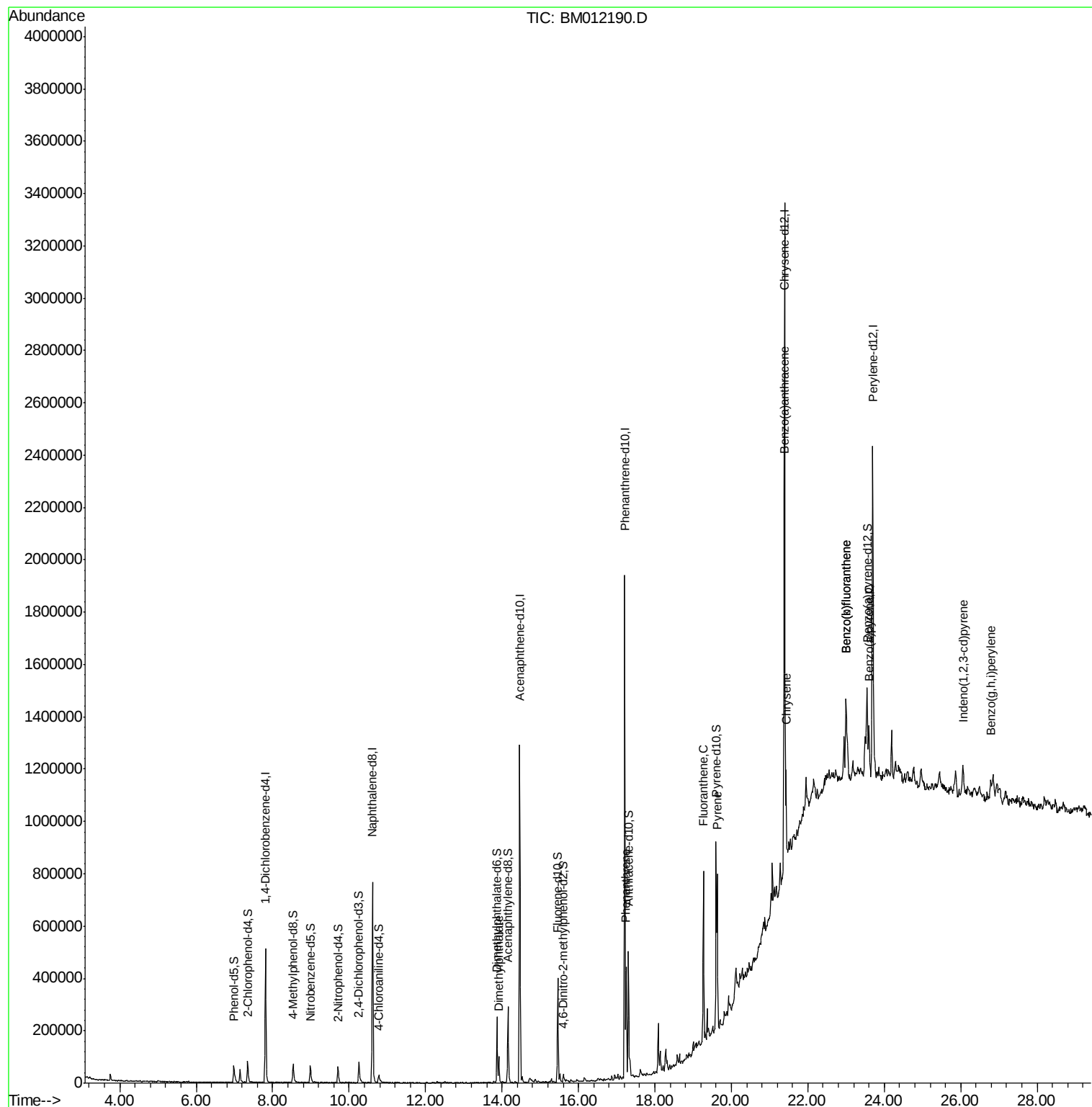
						Ovalue
44) Dimethylphthalate	13.92	163	67658	1.79	ng/ul	99
69) Phenanthrene	17.25	178	245247	3.92	ng/ul	99
74) Fluoranthene	19.27	202	398262	5.28	ng/ul#	95
77) Pyrene	19.63	202	354227	4.65	ng/ul#	96
80) Benzo(a)anthracene	21.37	228	187076	2.49	ng/ul	96
82) Chrysene	21.43	228	175405	2.49	ng/ul	96
85) Benzo(b)fluoranthene	23.00	252	218192	3.39	ng/ul#	94
86) Benzo(k)fluoranthene	23.00	252	218192	3.52	ng/ul#	92
88) Benzo(a)pyrene	23.60	252	135552	2.23	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	26.06	276	91461	1.42	ng/ul#	91
91) Benzo(g,h,i)perylene	26.79	276	91788	1.74	ng/ul#	93

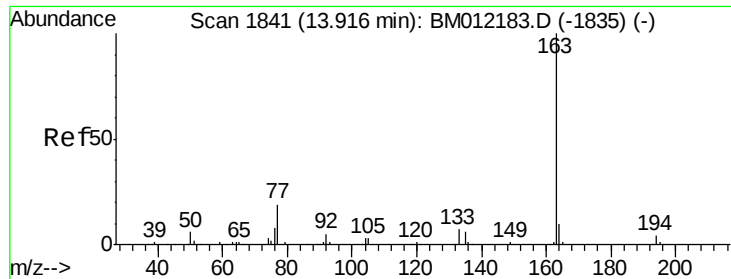
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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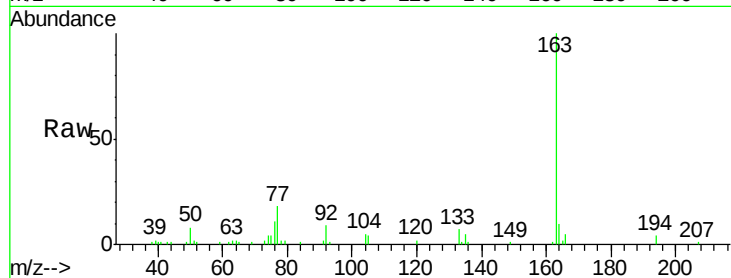




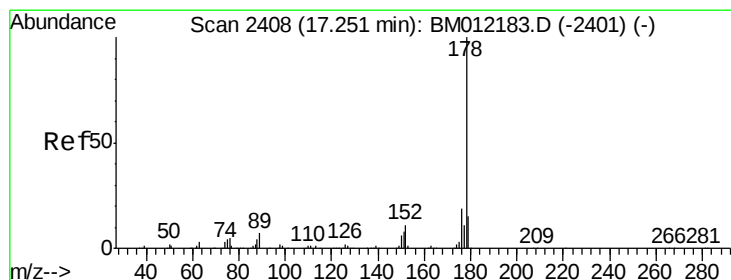
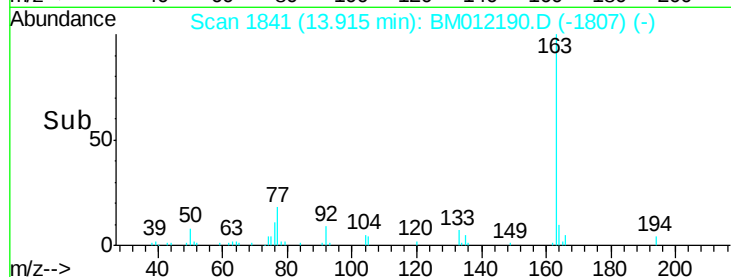
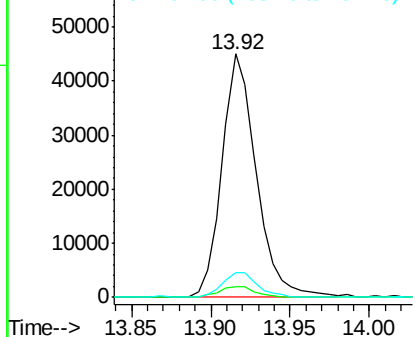
#44
Dimethylphthalate
Concen: 1.79 ng/ul
RT: 13.92 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BM012190.D
Acq: 15 Oct 2017 03:07

Instrument :
BNA_M
ClientSampleId :
C0AB6

Tot Ion:163 Resp: 67658
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 10.0 8.2 12.4

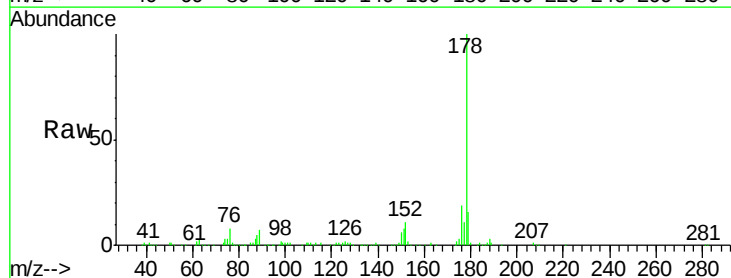


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

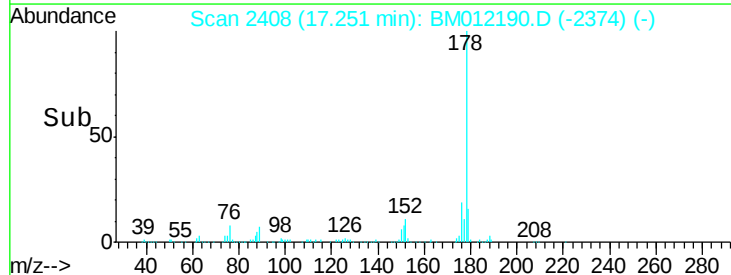
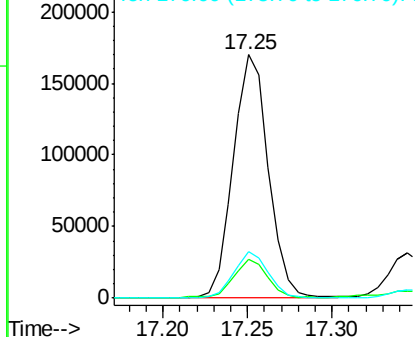


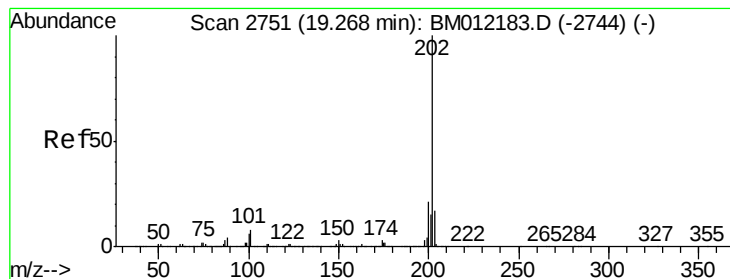
#69
Phenanthrene
Concen: 3.92 ng/ul
RT: 17.25 min Scan# 2408
Delta R.T. -0.00 min
Lab File: BM012190.D
Acq: 15 Oct 2017 03:07

Tgt Ion:178 Resp: 245247
Ion Ratio Lower Upper
178 100
179 16.1 12.6 19.0
176 18.9 14.9 22.3



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





#74

Fluoranthene

Concen: 5.28 ng/ul

RT: 19.27 min Scan# 2751

Delta R.T. -0.00 min

Lab File: BM012190.D

Acq: 15 Oct 2017 03:07

Instrument :

BNA_M

ClientSampleId :

C0AB6

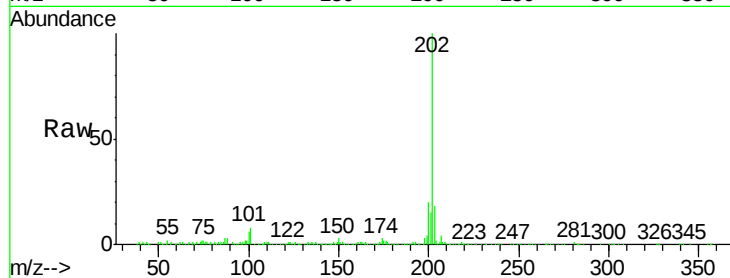
Tot Ion:202 Resp: 398262

Ion Ratio Lower Upper

202 100

101 7.6 4.6 7.0#

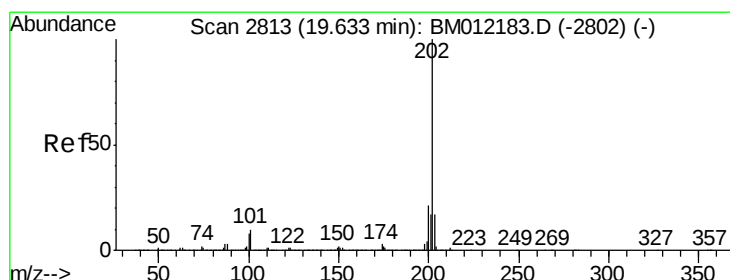
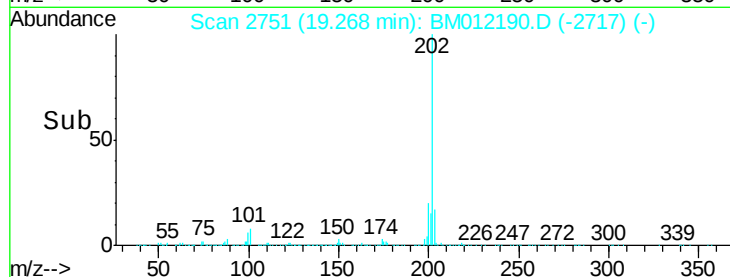
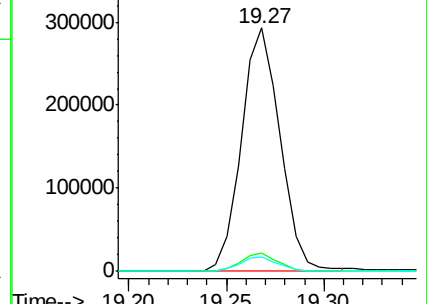
100 5.8 3.4 5.2#



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



#77

Pyrene

Concen: 4.65 ng/ul

RT: 19.63 min Scan# 2813

Delta R.T. -0.00 min

Lab File: BM012190.D

Acq: 15 Oct 2017 03:07

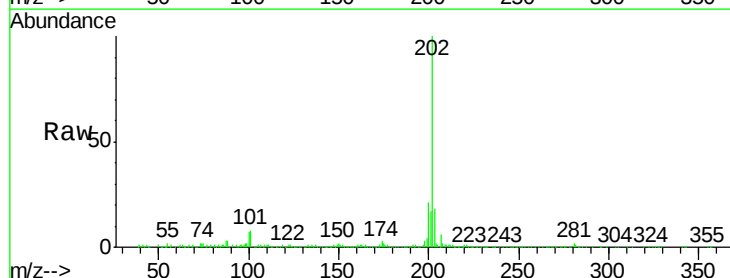
Tgt Ion:202 Resp: 354227

Ion Ratio Lower Upper

202 100

101 8.2 5.1 7.7#

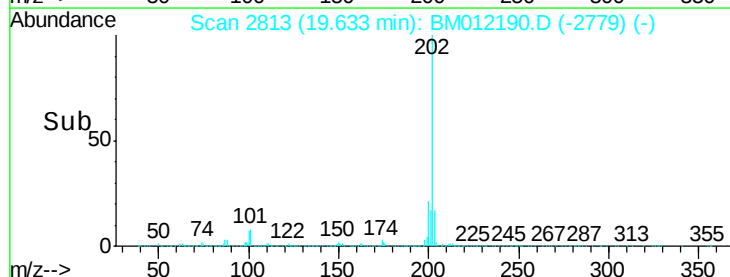
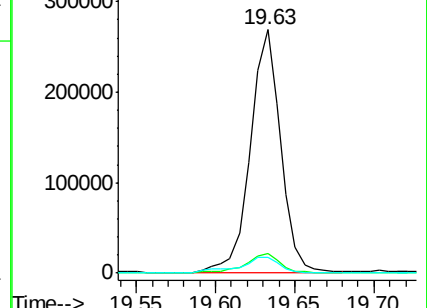
100 6.7 4.9 7.3

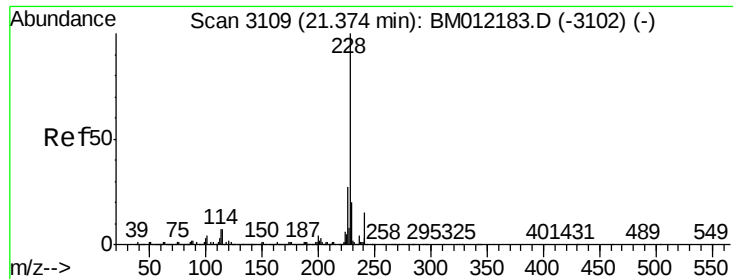


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 2.49 ng/ul

RT: 21.37 min Scan# 3109

Delta R.T. -0.00 min

Lab File: BM012190.D

Acq: 15 Oct 2017 03:07

Instrument :

BNA_M

ClientSampleId :

C0AB6

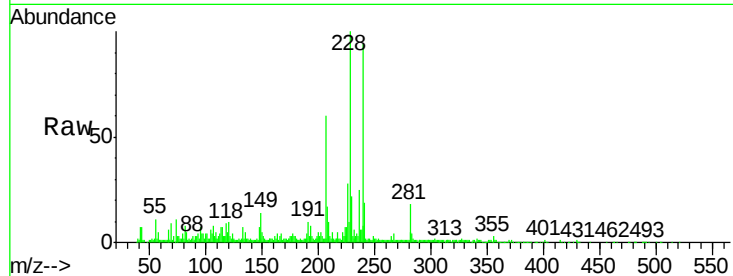
Tot Ion:228 Resp: 187076

Ion Ratio Lower Upper

228 100

229 21.5 15.4 23.0

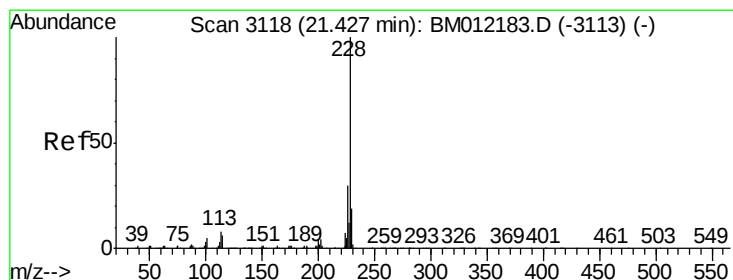
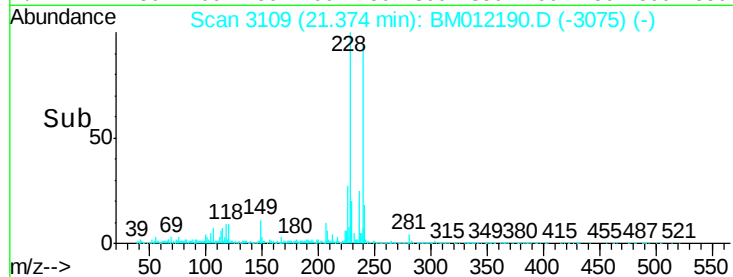
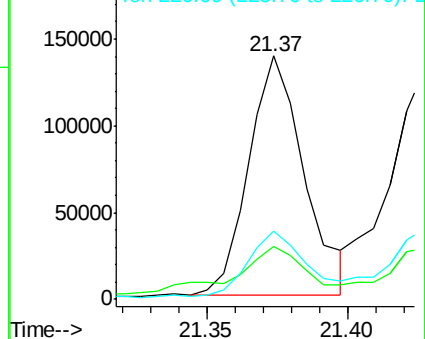
226 28.1 21.4 32.0



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



#82

Chrysene

Concen: 2.49 ng/ul

RT: 21.43 min Scan# 3118

Delta R.T. -0.00 min

Lab File: BM012190.D

Acq: 15 Oct 2017 03:07

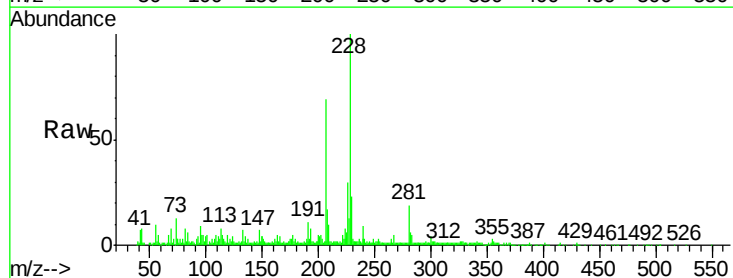
Tgt Ion:228 Resp: 175405

Ion Ratio Lower Upper

228 100

226 30.3 23.4 35.2

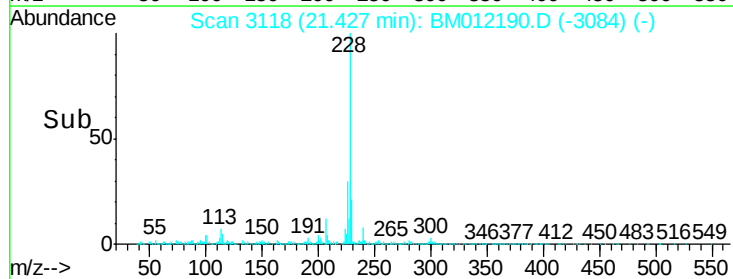
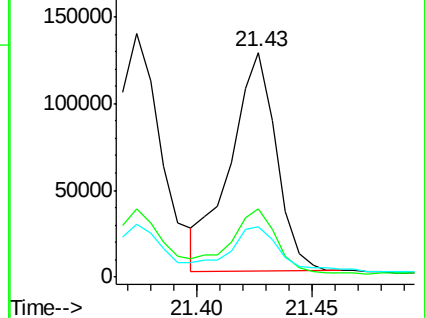
229 22.6 15.5 23.3

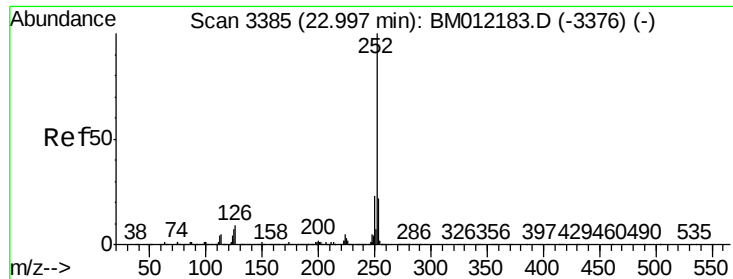


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 3.39 ng/ul

RT: 23.00 min Scan# 3386

Delta R.T. 0.01 min

Lab File: BM012190.D

Acq: 15 Oct 2017 03:07

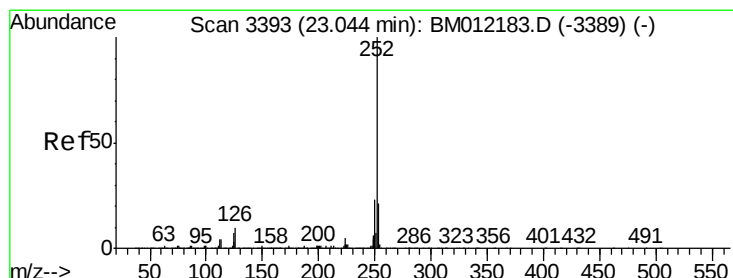
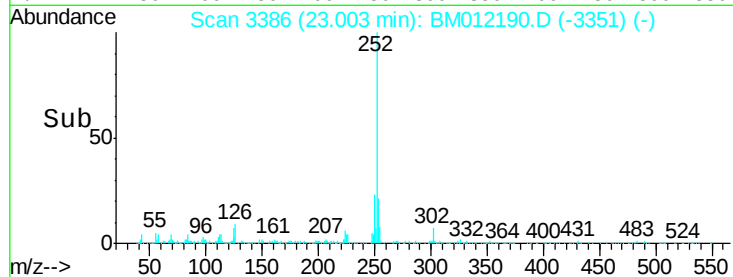
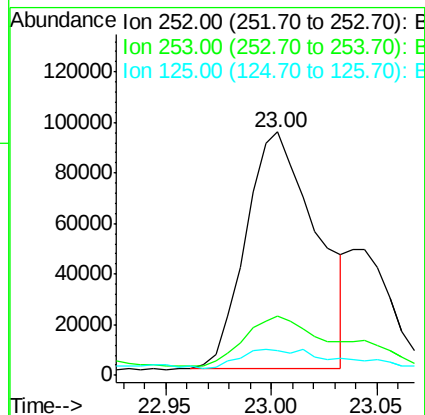
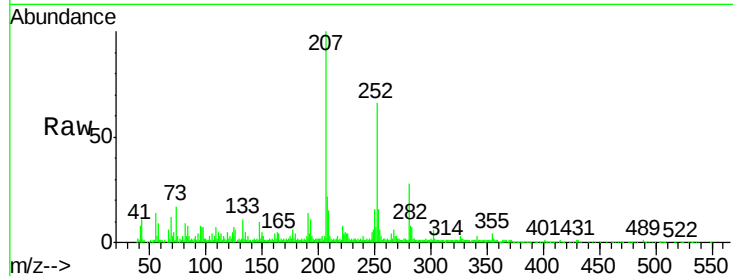
Instrument :

BNA_M

ClientSampleId :

C0AB6

Tot Ion:	252	Resp:	218192
Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.9	26.9
125	10.4	3.6	5.4#



#86

Benzo(k)fluoranthene

Concen: 3.52 ng/ul

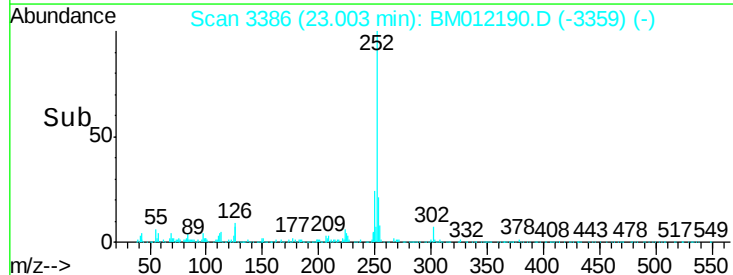
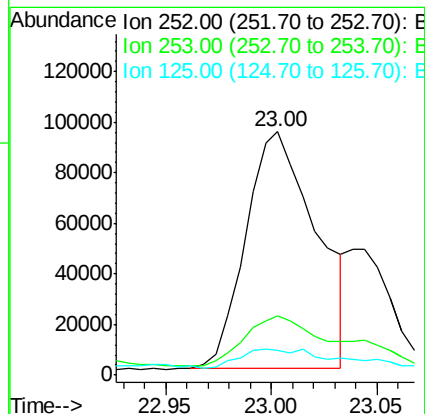
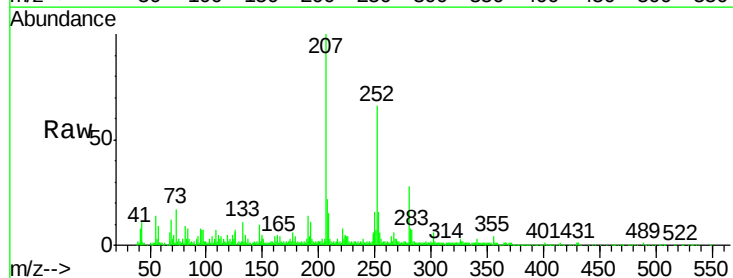
RT: 23.00 min Scan# 3386

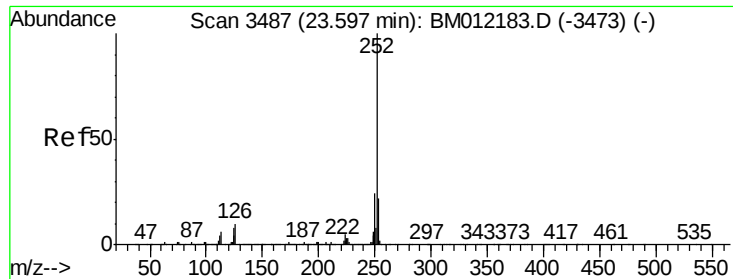
Delta R.T. -0.04 min

Lab File: BM012190.D

Acq: 15 Oct 2017 03:07

Tgt Ion:	252	Resp:	218192
Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.1	25.7
125	10.4	3.4	5.2#





#88

Benzo(a)pyrene

Concen: 2.23 ng/ul

RT: 23.60 min Scan# 3487

Delta R.T. -0.00 min

Lab File: BM012190.D

Acq: 15 Oct 2017 03:07

Instrument :

BNA_M

ClientSampled :

C0AB6

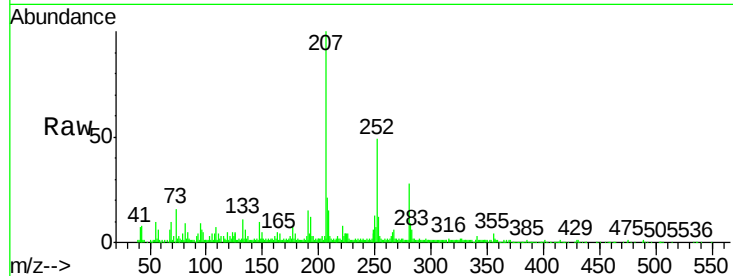
Tot Ion:252 Resp: 135552

Ion Ratio Lower Upper

252 100

253 24.4 18.2 27.2

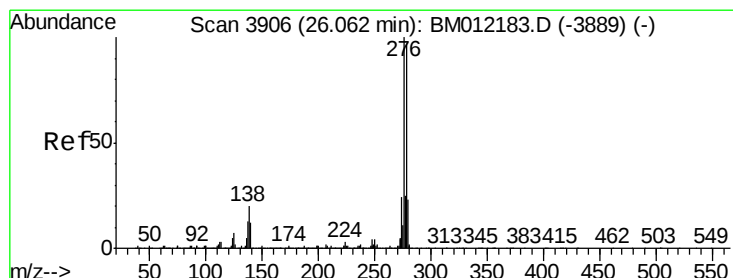
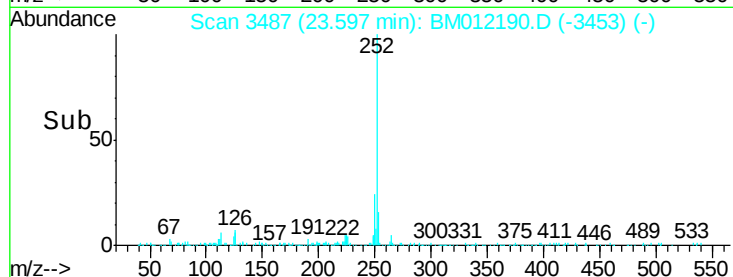
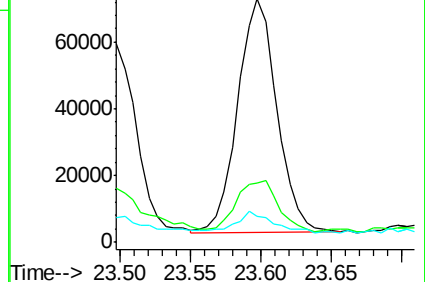
125 10.6 4.0 6.0#



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



#89

Indeno(1,2,3-cd)pyrene

Concen: 1.42 ng/ul

RT: 26.06 min Scan# 3906

Delta R.T. -0.00 min

Lab File: BM012190.D

Acq: 15 Oct 2017 03:07

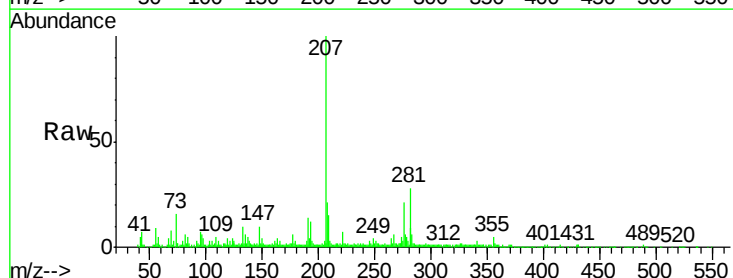
Tgt Ion:276 Resp: 91461

Ion Ratio Lower Upper

276 100

138 16.0 9.3 13.9#

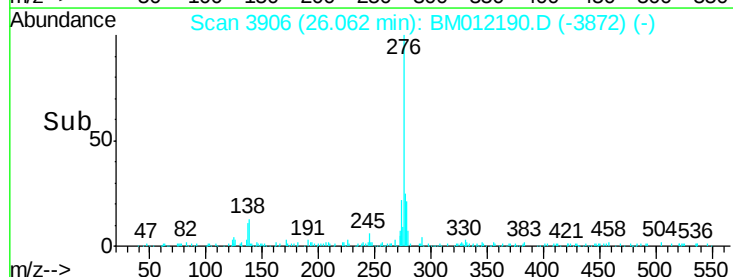
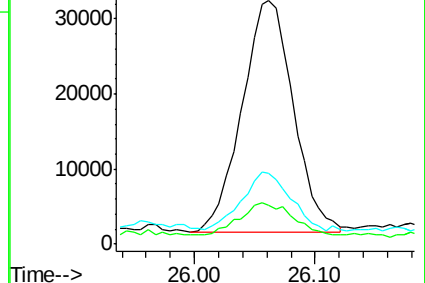
277 29.0 19.9 29.9

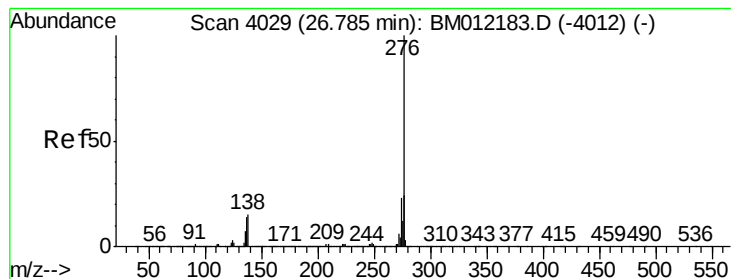


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

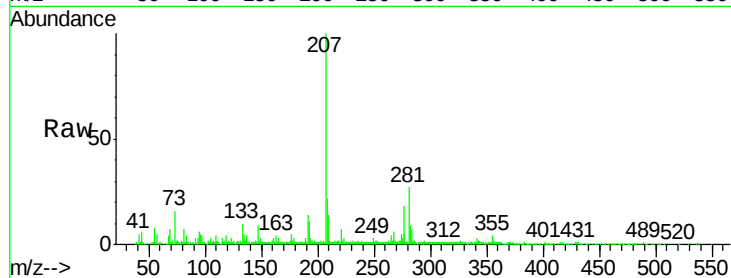




#91
 Benzo(a,h,i)perylene
 Concen: 1.74 ng/ul
 RT: 26.79 min Scan# 4029
 Delta R.T. -0.00 min
 Lab File: BM012190.D
 Acq: 15 Oct 2017 03:07

Instrument :
 BNA_M
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
276	100		
138	13.0	8.5	12.7#
277	26.6	18.6	28.0



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

