

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061516\
 Data File : BM005799.D
 Acq On : 14 Jun 2016 23:55
 Operator : UM/SJ
 Sample : H3565-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9Y00

Quant Time: Jun 15 01:44:38 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 15 01:42:36 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	91937	20.00	ng/ul	0.00
7) Naphthalene-d8	10.53	136	466008	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.39	164	247667	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.13	188	420552	20.00	ng/ul	0.00
29) Chrysene-d12	21.32	240	428410	20.00	ng/ul	0.00
34) Perylene-d12	23.57	264	450916	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.19	96	3436	1.73	ng/uL	0.00
3) Phenol-d5	6.92	99	137543	18.21	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.07	67	91575	20.37	ng/ul	0.00
5) 2-Chlorophenol-d4	7.27	132	122232	19.43	ng/ul	0.00
6) 4-Methylphenol-d8	8.46	113	109745	17.20	ng/ul	0.00
8) Nitrobenzene-d5	8.90	128	63579	19.27	ng/ul	0.00
9) 2-Nitrophenol-d4	9.62	143	70908	19.34	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.17	165	126177	17.99	ng/ul	0.00
12) 4-Chloroaniline-d4	10.67	131	139188	18.05	ng/ul	0.00
16) Dimethylphthalate-d6	13.79	166	398365	20.26	ng/ul	0.00
17) Acenaphthylene-d8	14.08	160	499019	19.98	ng/ul	0.00
20) 4-Nitrophenol-d4	14.64	143	16641	7.36	ng/ul	0.02
21) Fluorene-d10	15.38	176	311129	19.00	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.53	200	20370	10.83	ng/ul	0.00
26) Anthracene-d10	17.23	188	385841	19.78	ng/ul	0.00
30) Pyrene-d10	19.53	212	394665	18.93	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.43	264	408285	19.60	ng/ul	0.00

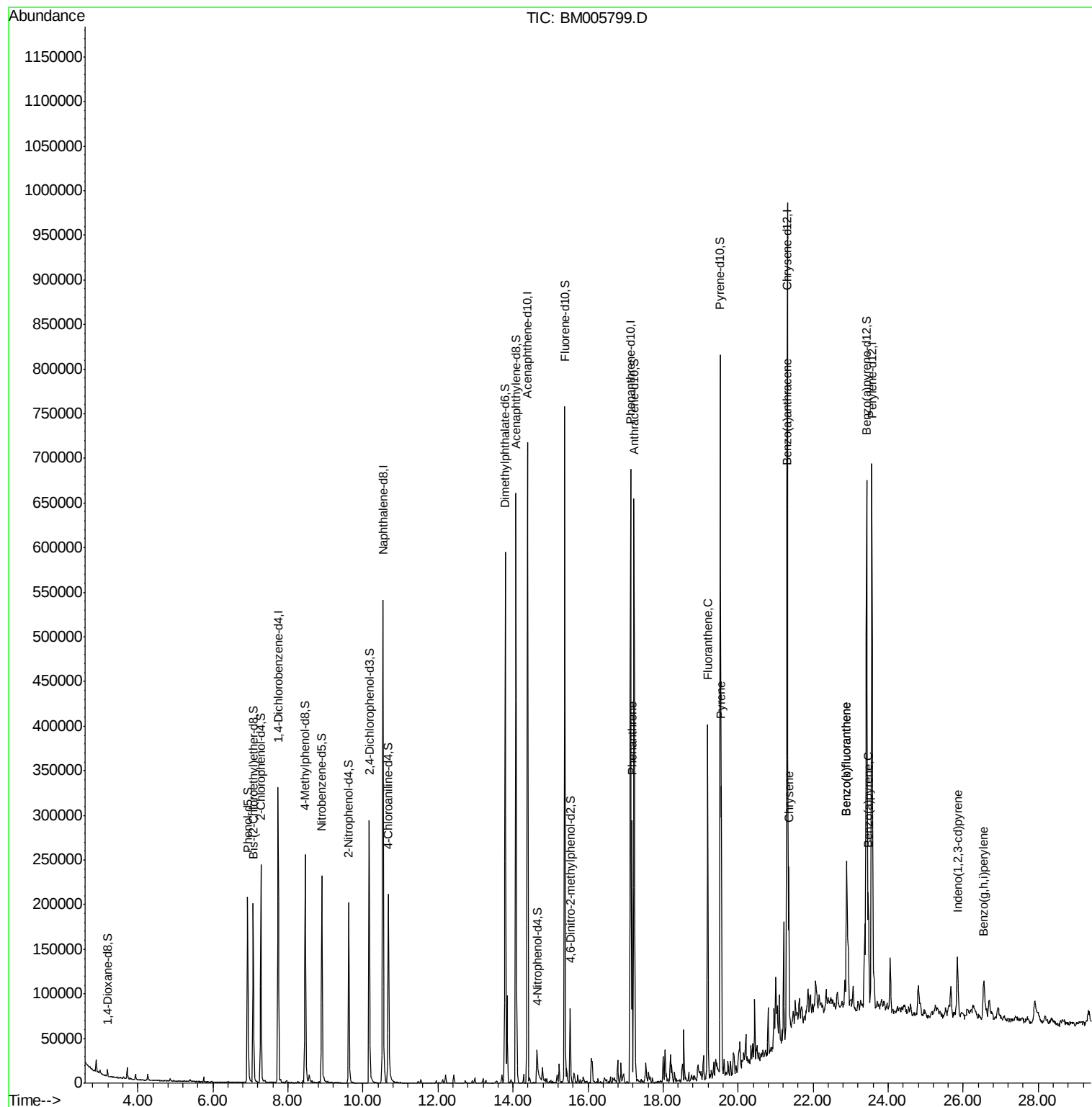
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
25) Phenanthrene	17.17	178	174050	7.55	ng/ul	99
28) Fluoranthene	19.19	202	239837	9.77	ng/ul	99
31) Pyrene	19.55	202	201207	7.65	ng/ul	99
32) Benzo(a)anthracene	21.30	228	75286	3.04	ng/ul	97
33) Chrysene	21.35	228	102126	4.20	ng/ul	97
35) Benzo(b)fluoranthene	22.89	252	136275	5.06	ng/ul	97
36) Benzo(k)fluoranthene	22.89	252	136275	5.46	ng/ul	98
38) Benzo(a)pyrene	23.47	252	79677	3.10	ng/ul	98
39) Indeno(1,2,3-cd)pyrene	25.84	276	64549	2.19	ng/ul	96
41) Benzo(g,h,i)perylene	26.56	276	55096	2.16	ng/ul	98

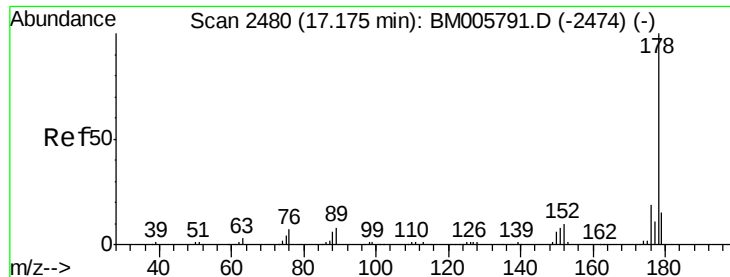
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#25

Phenanthrene

Concen: 7.55 ng/ul

RT: 17.17 min Scan# 2480

Delta R.T. -0.00 min

Lab File: BM005799.D

Acq: 14 Jun 2016 23:55

Instrument :

BNA_M

ClientSampleId :

D9Y00

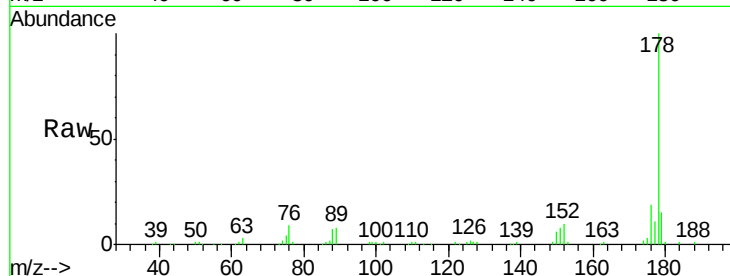
Tgt Ion:178 Resp: 174050

Ion Ratio Lower Upper

178 100

179 14.9 12.2 18.2

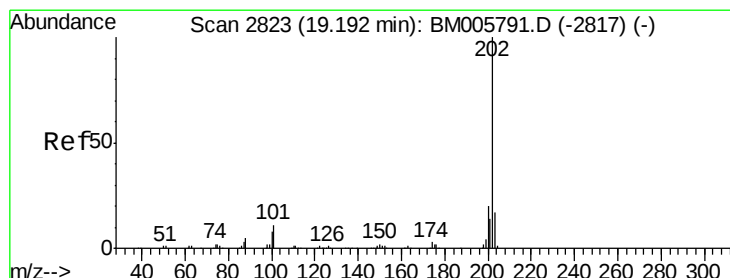
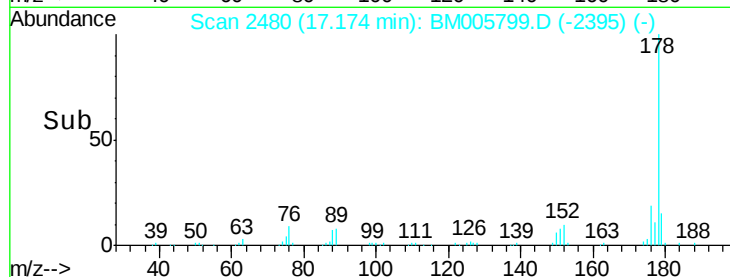
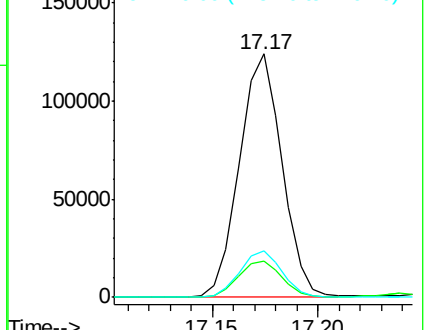
176 19.3 15.3 22.9



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



#28

Fluoranthene

Concen: 9.77 ng/ul

RT: 19.19 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BM005799.D

Acq: 14 Jun 2016 23:55

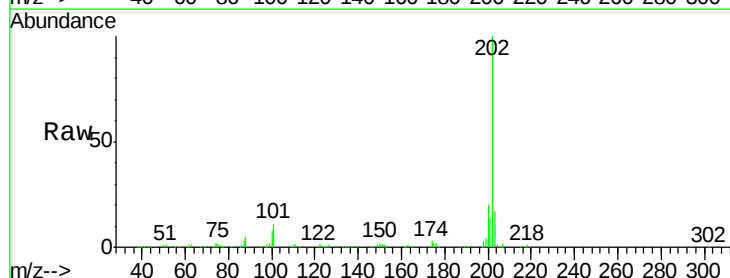
Tgt Ion:202 Resp: 239837

Ion Ratio Lower Upper

202 100

101 10.8 8.5 12.7

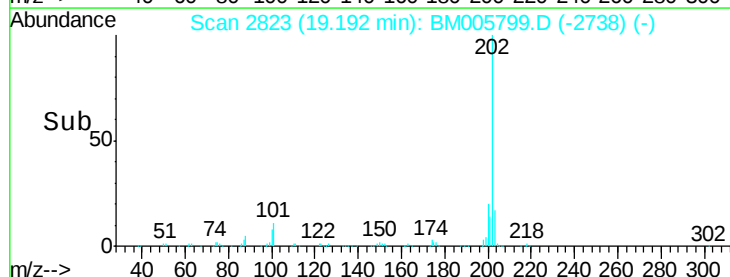
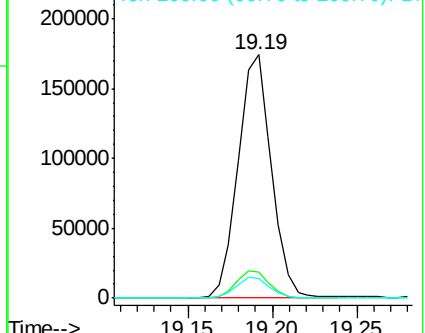
100 8.3 6.5 9.7

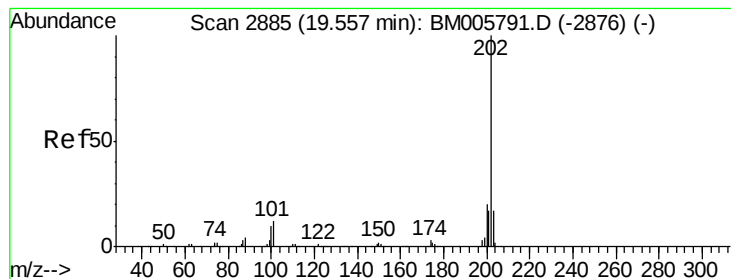


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#31

Pyrene

Concen: 7.65 ng/ul

RT: 19.55 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BM005799.D

Acq: 14 Jun 2016 23:55

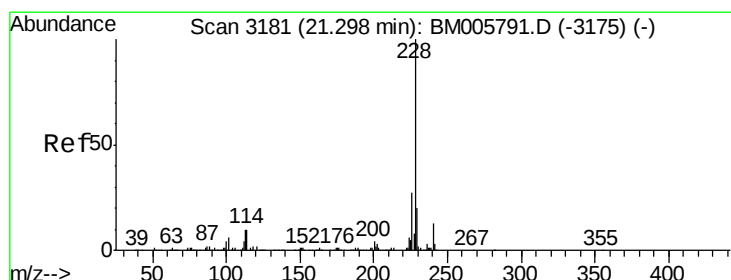
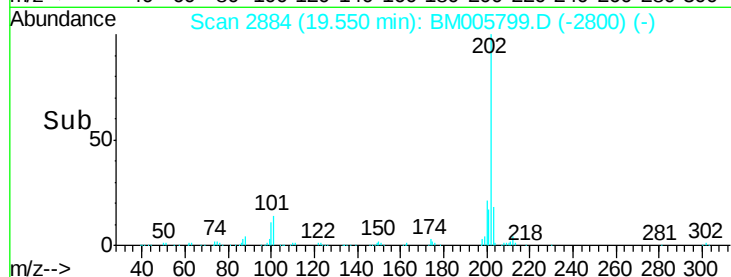
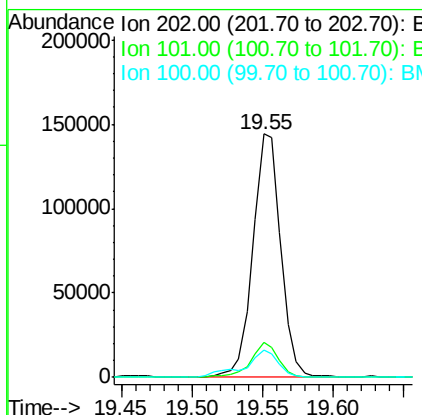
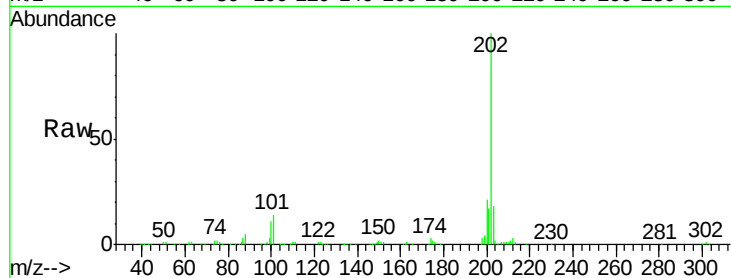
Instrument :

BNA_M

ClientSampleId :

D9Y00

Tgt Ion:	202	Resp:	201207
Ion	Ratio	Lower	Upper
202	100		
101	14.4	11.0	16.4
100	11.1	8.9	13.3



#32

Benzo(a)anthracene

Concen: 3.04 ng/ul

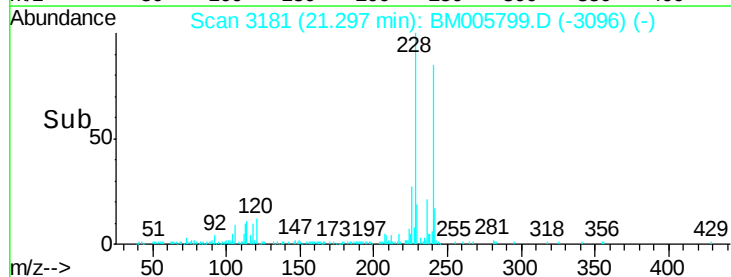
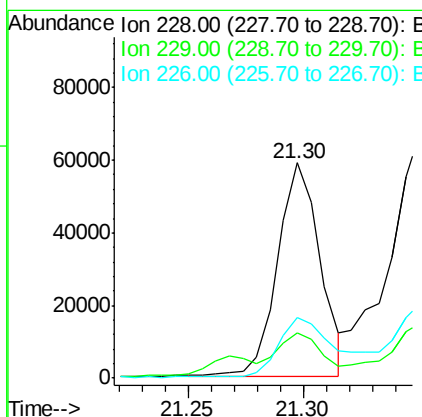
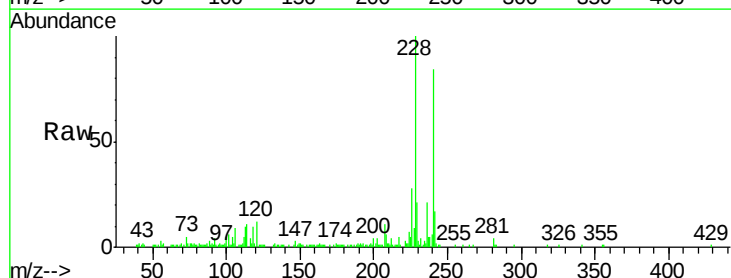
RT: 21.30 min Scan# 3181

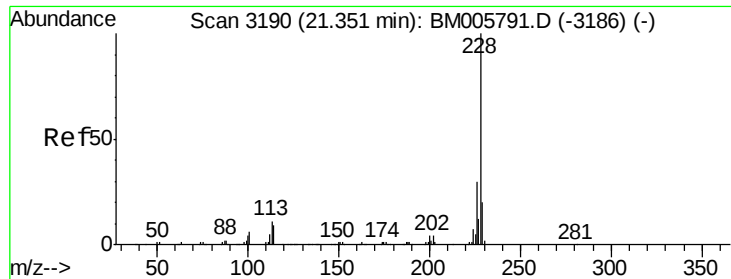
Delta R.T. -0.00 min

Lab File: BM005799.D

Acq: 14 Jun 2016 23:55

Tgt Ion:	228	Resp:	75286
Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.6	23.4
226	28.1	21.6	32.4





#33

Chrysene

Concen: 4.20 ng/ul

RT: 21.35 min Scan# 3190

Delta R.T. -0.00 min

Lab File: BM005799.D

Acq: 14 Jun 2016 23:55

Instrument :

BNA_M

ClientSampleId :

D9Y00

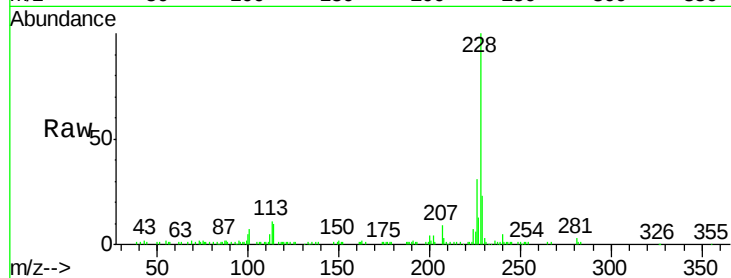
Tgt Ion:228 Resp: 102126

Ion Ratio Lower Upper

228 100

226 30.5 23.8 35.6

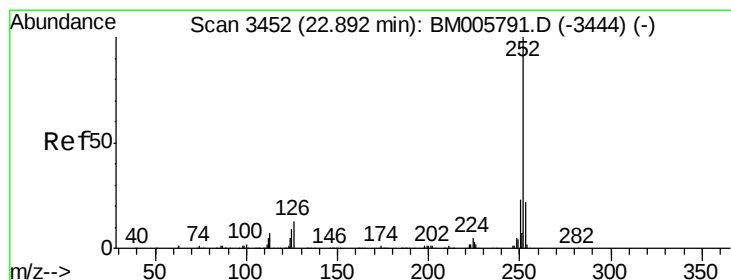
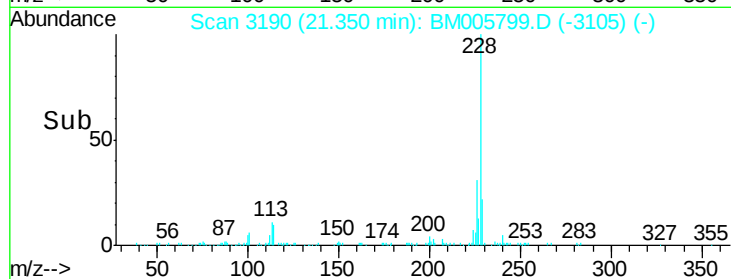
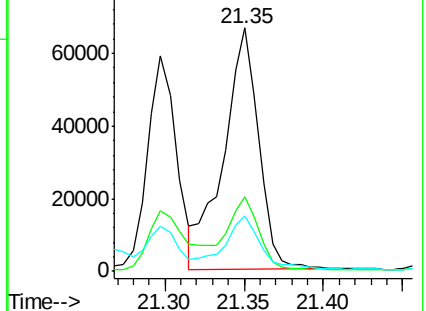
229 22.5 15.8 23.6



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



#35

Benzo(b)fluoranthene

Concen: 5.06 ng/ul

RT: 22.89 min Scan# 3452

Delta R.T. -0.00 min

Lab File: BM005799.D

Acq: 14 Jun 2016 23:55

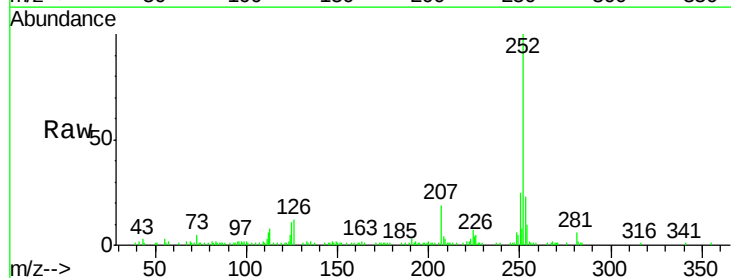
Tgt Ion:252 Resp: 136275

Ion Ratio Lower Upper

252 100

253 23.2 17.2 25.8

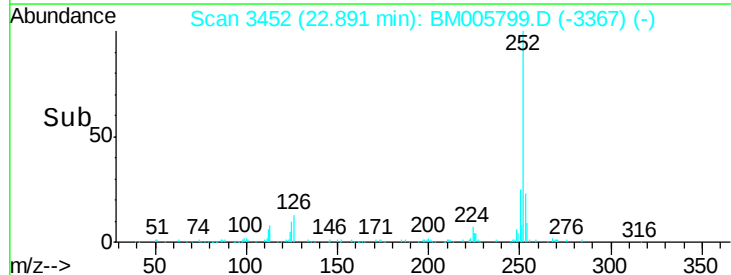
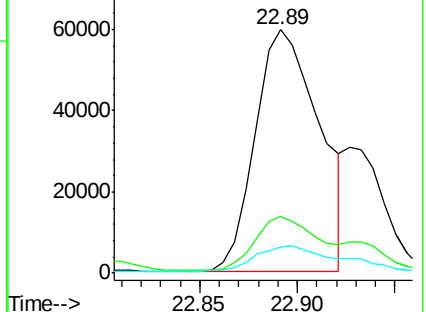
125 10.6 7.8 11.6

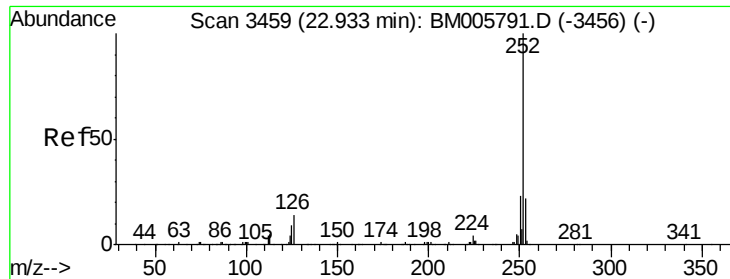


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

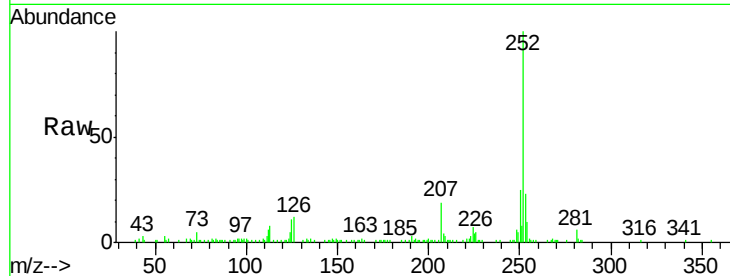




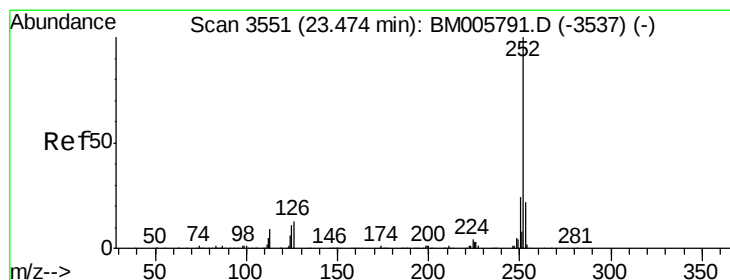
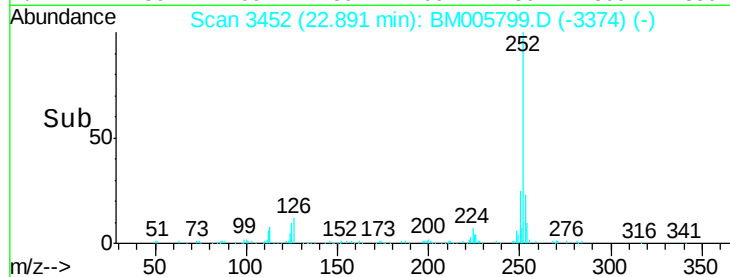
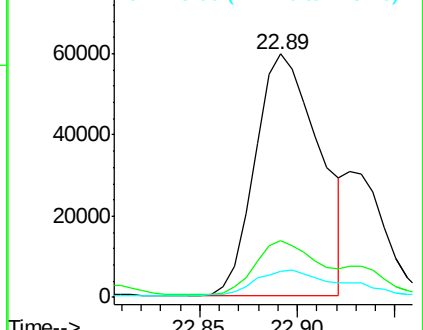
#36
Benzo(k)fluoranthene
Concen: 5.46 ng/ul
RT: 22.89 min Scan# 3452
Delta R.T. -0.04 min
Lab File: BM005799.D
Acq: 14 Jun 2016 23:55

Instrument :
BNA_M
ClientSampleId :
D9Y00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.6	26.4
125	10.6	8.1	12.1

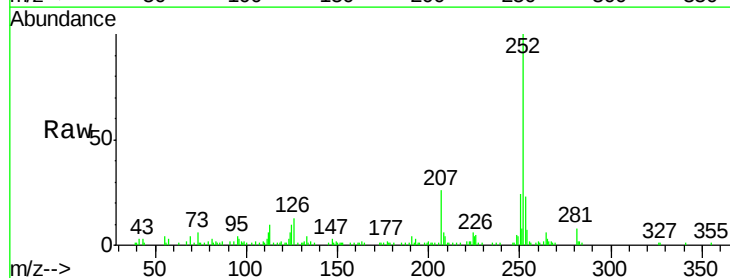


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

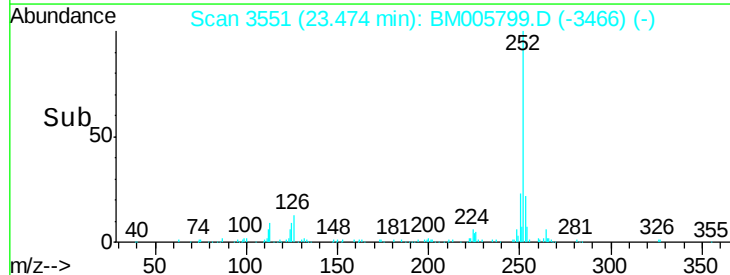
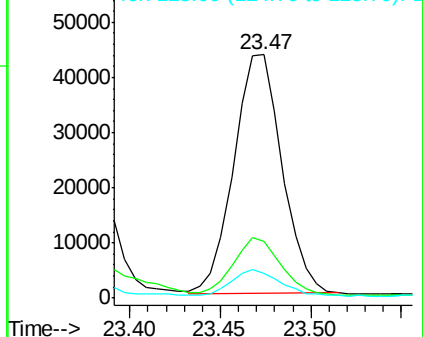


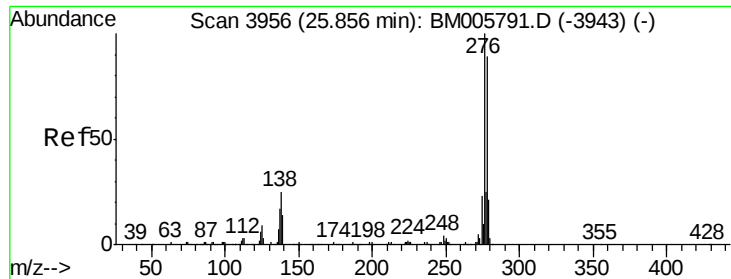
#38
Benzo(a)pyrene
Concen: 3.10 ng/ul
RT: 23.47 min Scan# 3551
Delta R.T. -0.00 min
Lab File: BM005799.D
Acq: 14 Jun 2016 23:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.6
125	10.1	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





#39

Indeno(1,2,3-cd)pyrene

Concen: 2.19 ng/ul

RT: 25.84 min Scan# 3954

Delta R.T. -0.01 min

Lab File: BM005799.D

Acq: 14 Jun 2016 23:55

Instrument :

BNA_M

ClientSampleId :

D9Y00

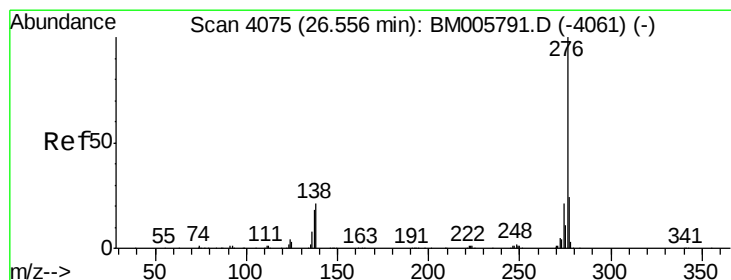
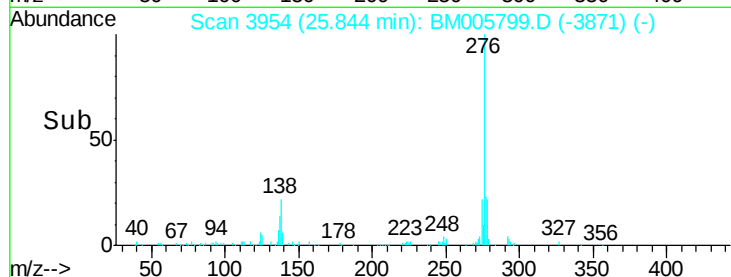
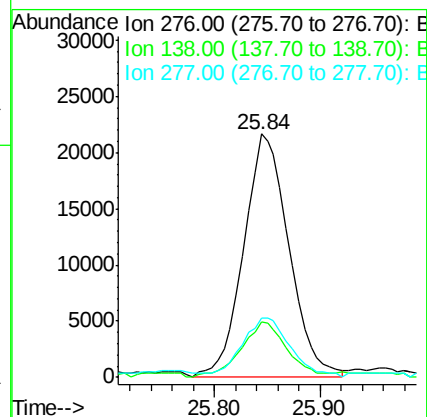
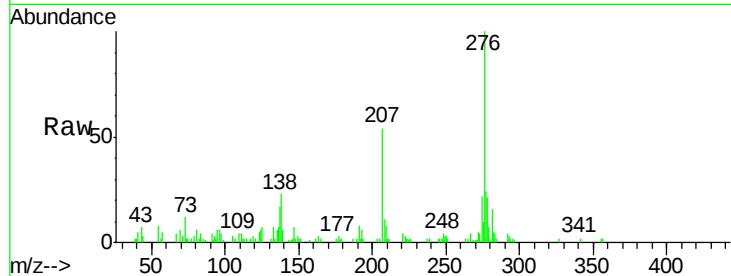
Tgt Ion:276 Resp: 64549

Ion Ratio Lower Upper

276 100

138 22.6 20.4 30.6

277 24.3 20.6 30.8



#41

Benzo(g,h,i)perylene

Concen: 2.16 ng/ul

RT: 26.56 min Scan# 4075

Delta R.T. -0.00 min

Lab File: BM005799.D

Acq: 14 Jun 2016 23:55

Tgt Ion:276 Resp: 55096

Ion Ratio Lower Upper

276 100

138 20.6 16.6 25.0

277 24.8 18.9 28.3

