

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061516\
 Data File : BM005794.D
 Acq On : 14 Jun 2016 20:54
 Operator : UM/SJ
 Sample : H3565-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9XZ5

Quant Time: Jun 15 01:43:55 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	55008	20.00	ng/ul	0.00
7) Naphthalene-d8	10.53	136	268568	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.39	164	144970	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.13	188	274074	20.00	ng/ul	0.00
29) Chrysene-d12	21.32	240	298468	20.00	ng/ul	0.00
34) Perylene-d12	23.57	264	305631	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.19	96	3719	3.13	ng/uL	0.00
3) Phenol-d5	6.92	99	115064	25.47	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.08	67	91158	33.90	ng/ul	0.00
5) 2-Chlorophenol-d4	7.28	132	117986	31.35	ng/ul	0.00
6) 4-Methylphenol-d8	8.46	113	73553	19.27	ng/ul	0.00
8) Nitrobenzene-d5	8.90	128	61785	32.49	ng/ul	0.00
9) 2-Nitrophenol-d4	9.62	143	69523	32.90	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.16	165	116320	28.77	ng/ul	0.00
12) 4-Chloroaniline-d4	10.67	131	125253	28.19	ng/ul	0.00
16) Dimethylphthalate-d6	13.79	166	379844	33.01	ng/ul	0.00
17) Acenaphthylene-d8	14.08	160	487223	33.32	ng/ul	0.00
20) 4-Nitrophenol-d4	14.65	143	13301	10.05	ng/ul	0.02
21) Fluorene-d10	15.38	176	309018	32.24	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.53	200	25727	20.98	ng/ul	0.00
26) Anthracene-d10	17.23	188	408304	32.12	ng/ul	0.00
30) Pyrene-d10	19.53	212	438715	30.20	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.43	264	447944	31.73	ng/ul	0.00

Target Compounds

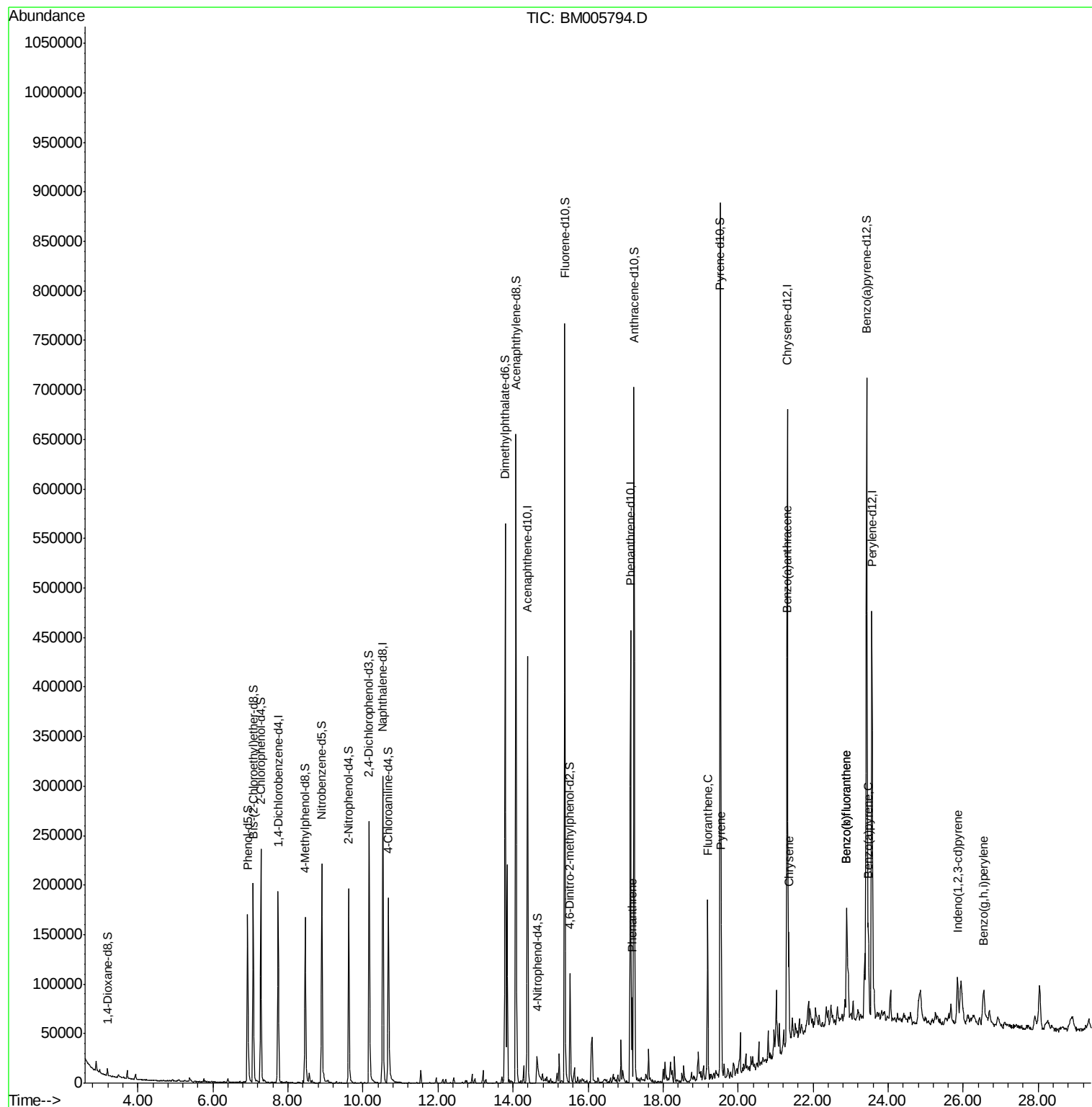
						Qvalue
25) Phenanthrene	17.17	178	53383	3.55	ng/ul	99
28) Fluoranthene	19.19	202	110890	6.93	ng/ul	99
31) Pyrene	19.55	202	98604	5.38	ng/ul	98
32) Benzo(a)anthracene	21.30	228	48071	2.78	ng/ul	96
33) Chrysene	21.35	228	62412	3.69	ng/ul	96
35) Benzo(b)fluoranthene	22.89	252	91727	5.02	ng/ul	97
36) Benzo(k)fluoranthene	22.89	252	91727	5.43	ng/ul	98
38) Benzo(a)pyrene	23.47	252	57917	3.32	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.86	276	48055	2.40	ng/ul	95
41) Benzo(g,h,i)perylene	26.55	276	42498	2.45	ng/ul	96

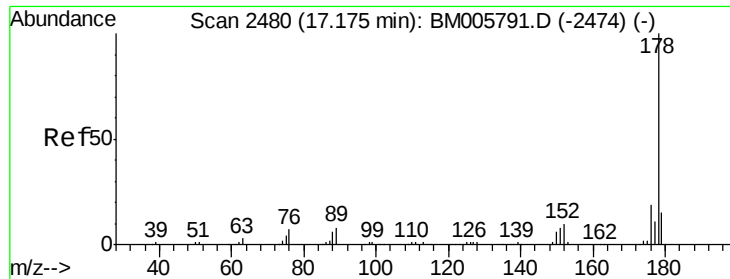
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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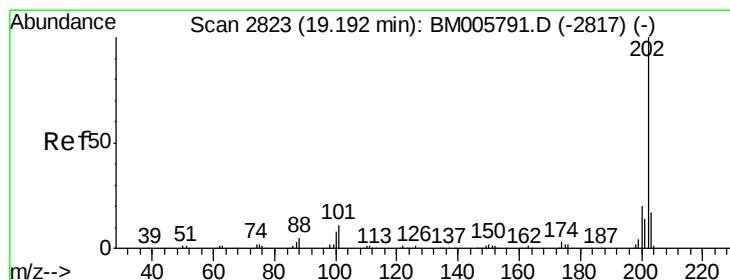
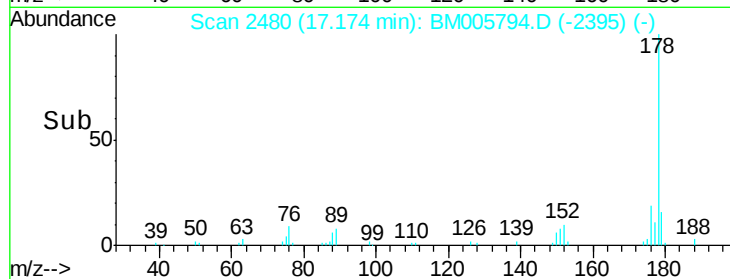
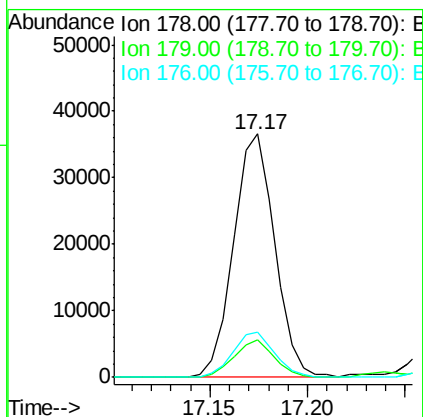
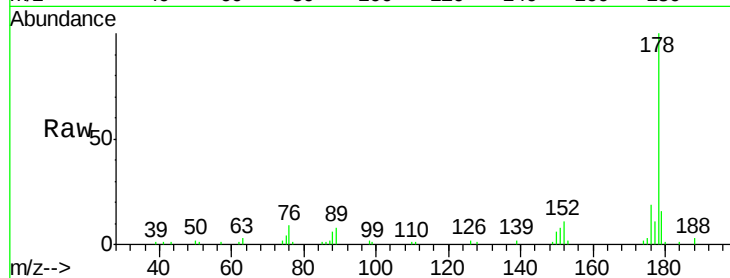




#25
Phenanthrene
Concen: 3.55 ng/ul
RT: 17.17 min Scan# 2480
Delta R.T. -0.00 min
Lab File: BM005794.D
Acq: 14 Jun 2016 20:54

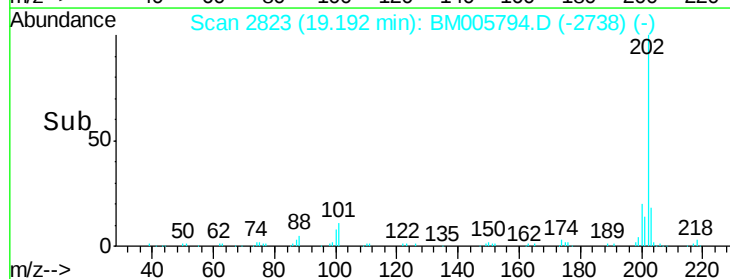
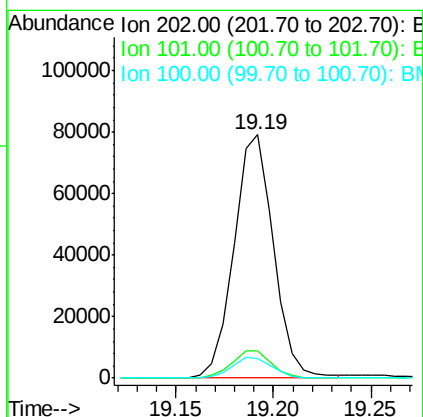
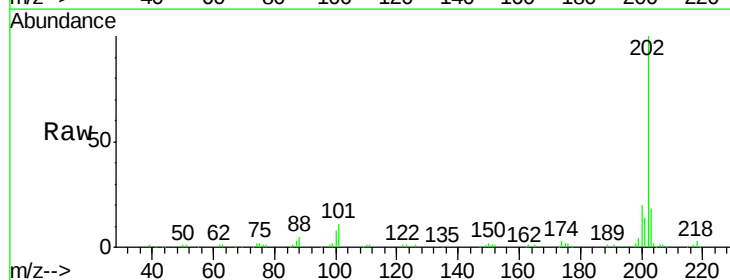
Instrument :
BNA_M
ClientSampleId :
D9XZ5

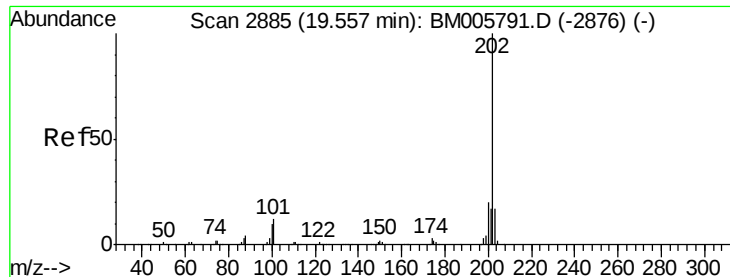
Tgt Ion:178 Resp: 53383
Ion Ratio Lower Upper
178 100
179 15.6 12.2 18.2
176 18.8 15.3 22.9



#28
Fluoranthene
Concen: 6.93 ng/ul
RT: 19.19 min Scan# 2823
Delta R.T. -0.00 min
Lab File: BM005794.D
Acq: 14 Jun 2016 20:54

Tgt Ion:202 Resp: 110890
Ion Ratio Lower Upper
202 100
101 11.1 8.5 12.7
100 8.0 6.5 9.7





#31

Pyrene

Concen: 5.38 ng/ul

RT: 19.55 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BM005794.D

Acq: 14 Jun 2016 20:54

Instrument :

BNA_M

ClientSampleId :

D9XZ5

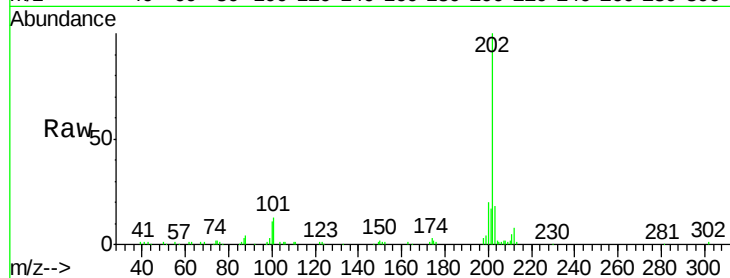
Tgt Ion:202 Resp: 98604

Ion Ratio Lower Upper

202 100

101 12.8 11.0 16.4

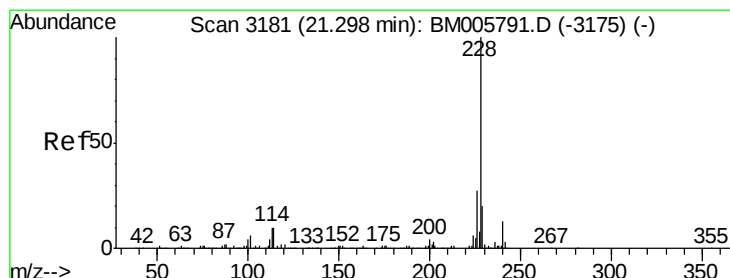
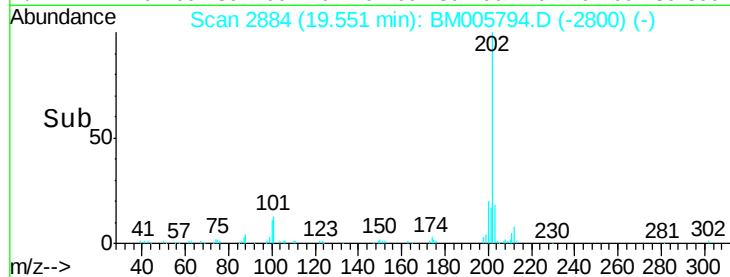
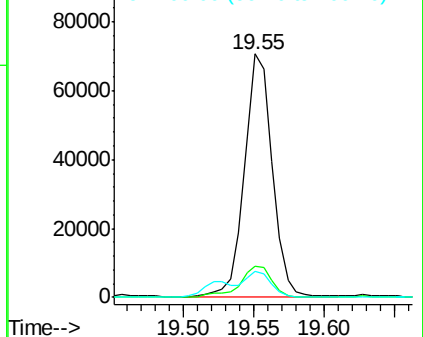
100 10.8 8.9 13.3



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



#32

Benzo(a)anthracene

Concen: 2.78 ng/ul

RT: 21.30 min Scan# 3181

Delta R.T. -0.00 min

Lab File: BM005794.D

Acq: 14 Jun 2016 20:54

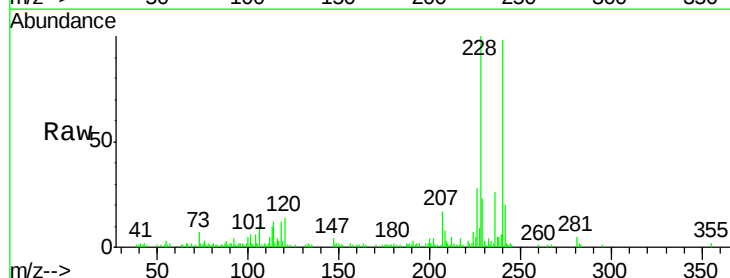
Tgt Ion:228 Resp: 48071

Ion Ratio Lower Upper

228 100

229 23.1 15.6 23.4

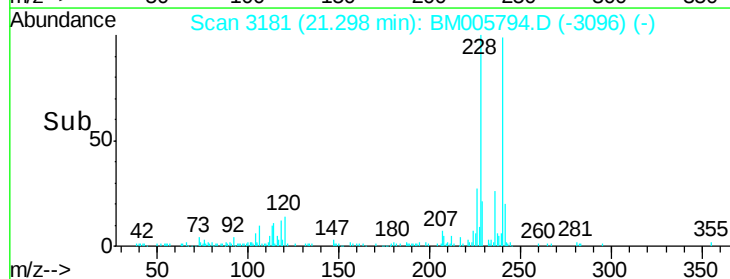
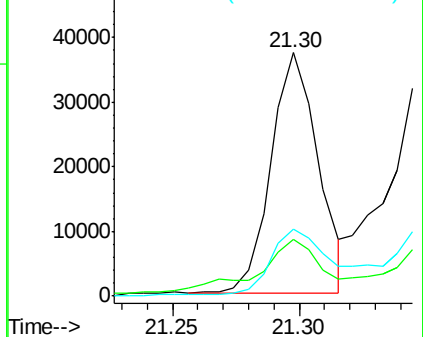
226 27.7 21.6 32.4

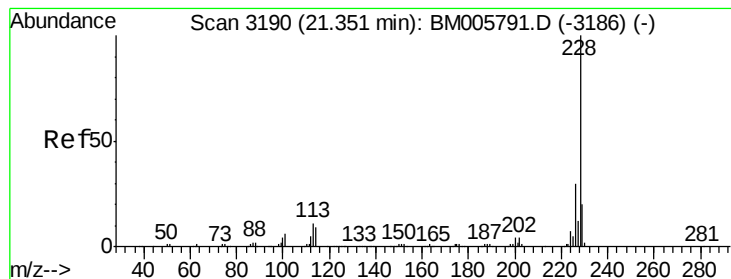


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#33

Chrysene

Concen: 3.69 ng/ul

RT: 21.35 min Scan# 3190

Delta R.T. -0.00 min

Lab File: BM005794.D

Acq: 14 Jun 2016 20:54

Instrument :

BNA_M

ClientSampleId :

D9XZ5

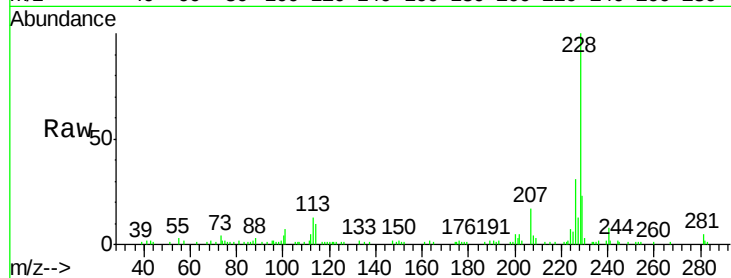
Tgt Ion:228 Resp: 62412

Ion Ratio Lower Upper

228 100

226 30.7 23.8 35.6

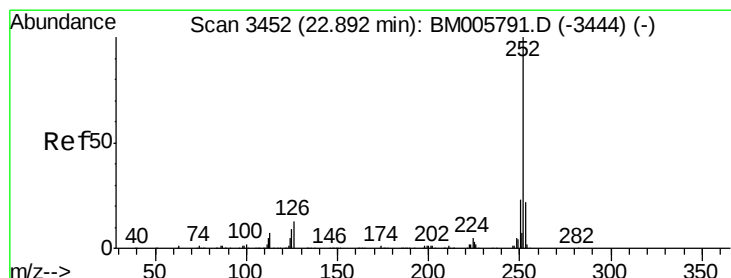
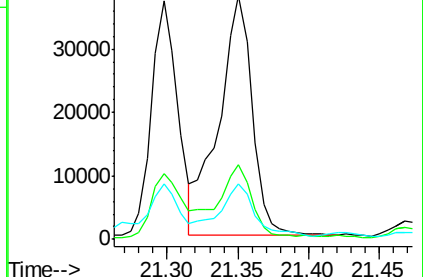
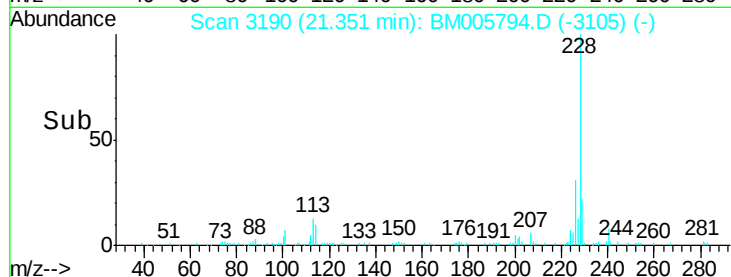
229 22.8 15.8 23.6



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: 5.02 ng/ul

RT: 22.89 min Scan# 3452

Delta R.T. -0.00 min

Lab File: BM005794.D

Acq: 14 Jun 2016 20:54

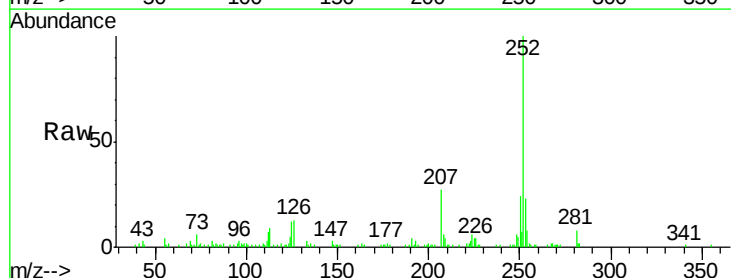
Tgt Ion:252 Resp: 91727

Ion Ratio Lower Upper

252 100

253 22.6 17.2 25.8

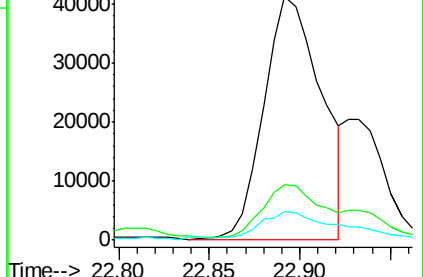
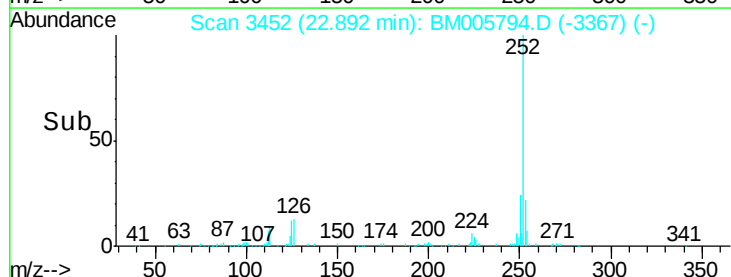
125 11.6 7.8 11.6

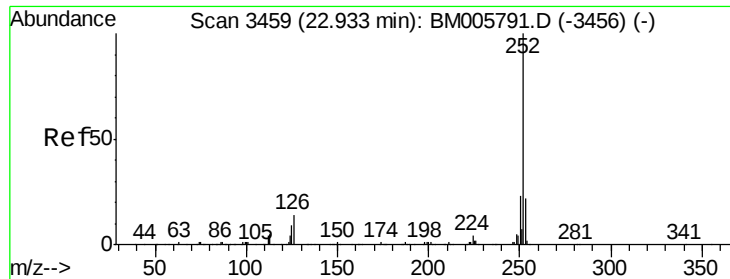


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#36

Benzo(k)fluoranthene

Concen: 5.43 ng/u1

RT: 22.89 min Scan# 3452

Delta R.T. -0.04 min

Lab File: BM005794.D

Acq: 14 Jun 2016 20:54

Instrument :

BNA_M

ClientSampled :

D9XZ5

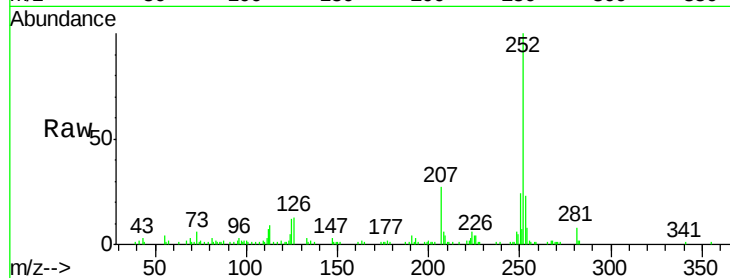
Tgt Ion:252 Resp: 91727

Ion Ratio Lower Upper

252 100

253 22.6 17.6 26.4

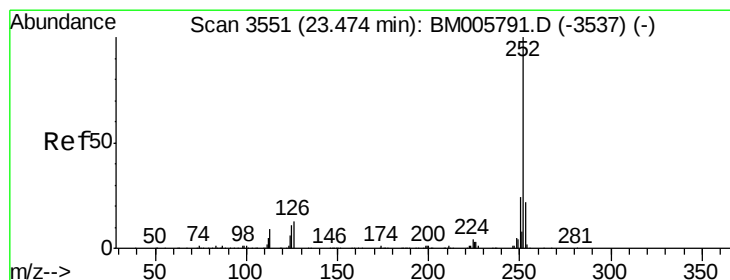
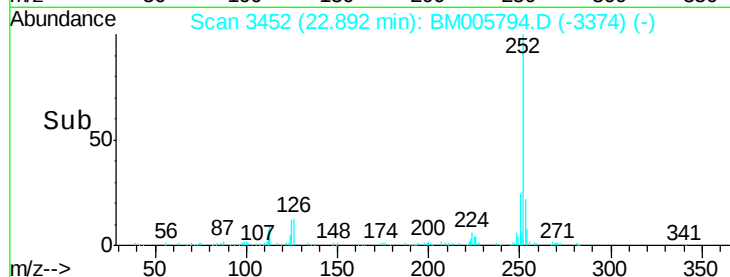
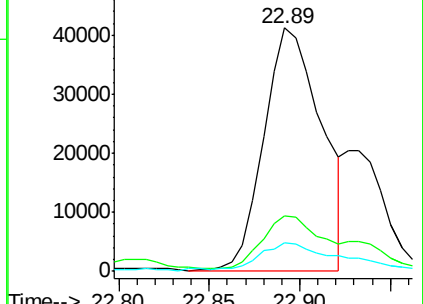
125 11.6 8.1 12.1



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: 3.32 ng/u1

RT: 23.47 min Scan# 3551

Delta R.T. -0.00 min

Lab File: BM005794.D

Acq: 14 Jun 2016 20:54

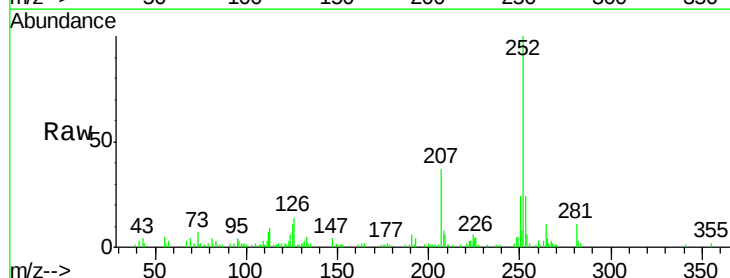
Tgt Ion:252 Resp: 57917

Ion Ratio Lower Upper

252 100

253 24.0 17.8 26.6

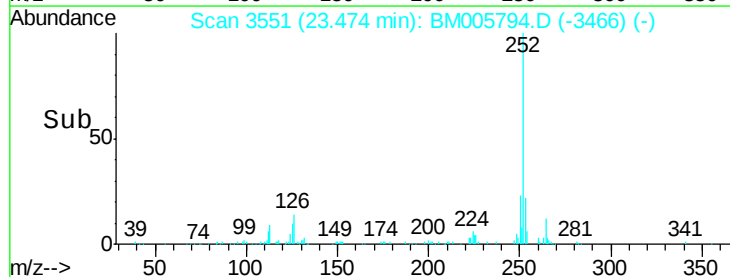
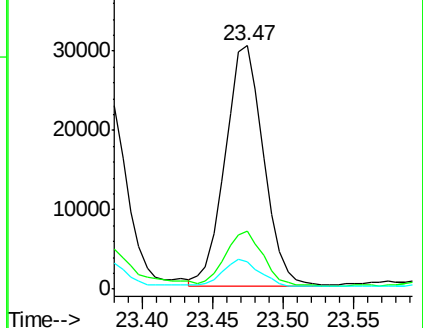
125 11.1 8.7 13.1

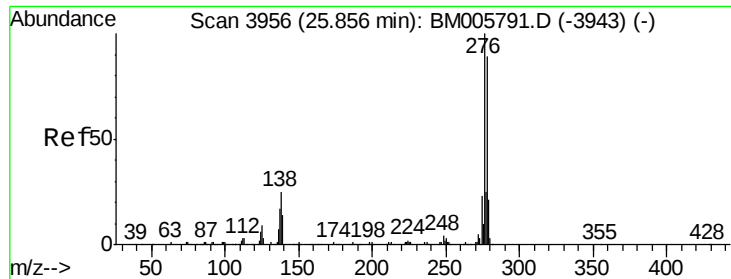


Abundance Ion 252.00 (251.70 to 252.70): E

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: 2.40 ng/ul

RT: 25.86 min Scan# 3956

Delta R.T. -0.00 min

Lab File: BM005794.D

Acq: 14 Jun 2016 20:54

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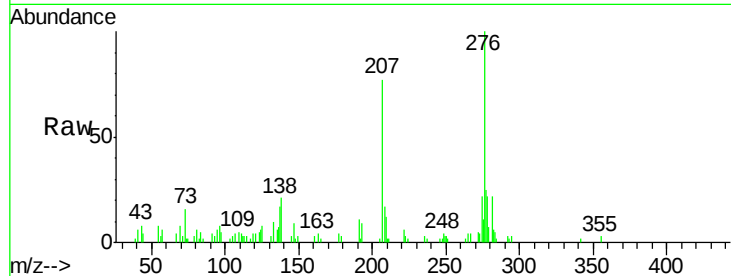
Tgt Ion:276 Resp: 48055

Ion Ratio Lower Upper

276 100

138 21.4 20.4 30.6

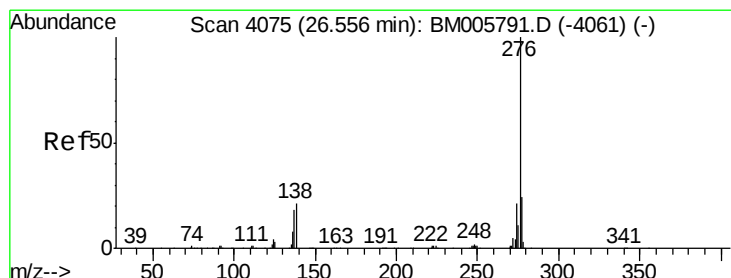
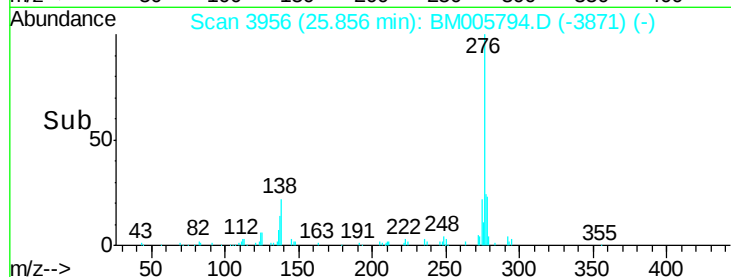
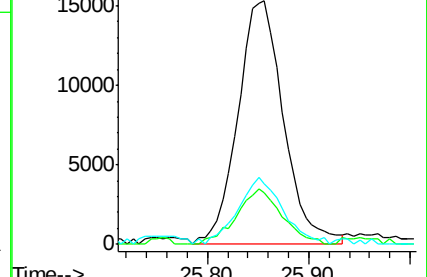
277 25.1 20.6 30.8



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



#41

Benzo(g,h,i)perylene

Concen: 2.45 ng/ul

RT: 26.55 min Scan# 4074

Delta R.T. -0.01 min

Lab File: BM005794.D

Acq: 14 Jun 2016 20:54

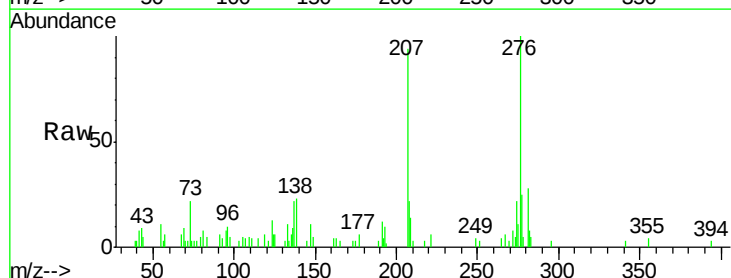
Tgt Ion:276 Resp: 42498

Ion Ratio Lower Upper

276 100

138 22.6 16.6 25.0

277 25.3 18.9 28.3



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

