

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061516\
 Data File : BM005801.D
 Acq On : 15 Jun 2016 01:07
 Operator : UM/SJ
 Sample : H3565-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9Y02

Quant Time: Jun 15 01:44:57 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	79008	20.00	ng/ul	0.00
7) Naphthalene-d8	10.53	136	375248	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.39	164	196221	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.13	188	404638	20.00	ng/ul	0.00
29) Chrysene-d12	21.32	240	448574	20.00	ng/ul	0.00
34) Perylene-d12	23.57	264	463909	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.19	96	3267	1.91	ng/uL	0.00
3) Phenol-d5	6.92	99	107555	16.57	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.07	67	83661	21.66	ng/ul	0.00
5) 2-Chlorophenol-d4	7.27	132	106790	19.75	ng/ul	0.00
6) 4-Methylphenol-d8	8.46	113	73368	13.38	ng/ul	0.00
8) Nitrobenzene-d5	8.90	128	53643	20.19	ng/ul	0.00
9) 2-Nitrophenol-d4	9.62	143	60981	20.65	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.17	165	101498	17.97	ng/ul	0.00
12) 4-Chloroaniline-d4	10.67	131	118324	19.06	ng/ul	0.00
16) Dimethylphthalate-d6	13.79	166	330292	21.20	ng/ul	0.00
17) Acenaphthylene-d8	14.08	160	417533	21.10	ng/ul	0.00
20) 4-Nitrophenol-d4	14.63	143	26022	14.53	ng/ul	0.01
21) Fluorene-d10	15.38	176	274637	21.17	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.53	200	26955	14.89	ng/ul	0.00
26) Anthracene-d10	17.23	188	400344	21.33	ng/ul	0.00
30) Pyrene-d10	19.53	212	453987	20.80	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.43	264	460853	21.51	ng/ul	0.00

Target Compounds

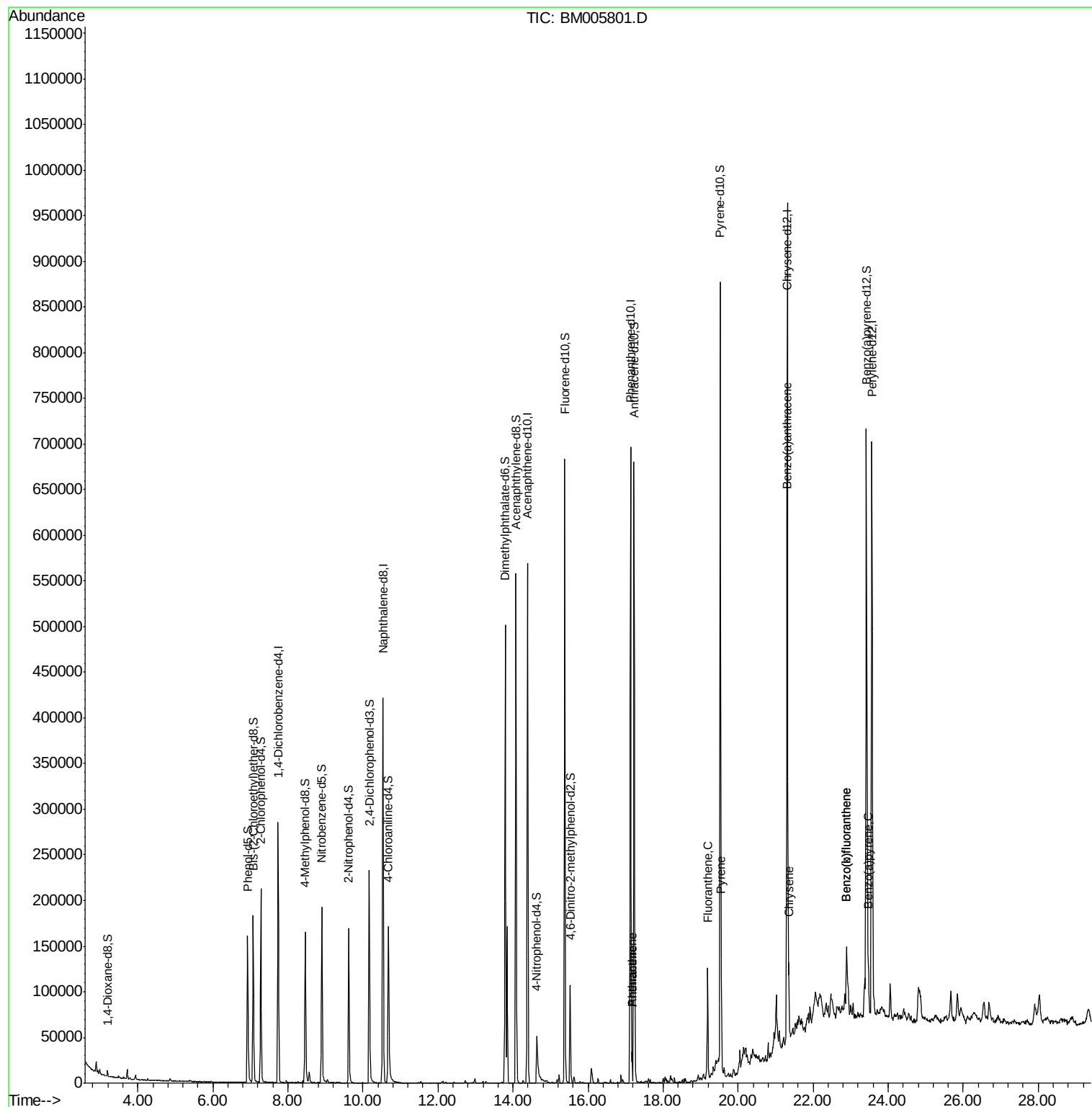
						Qvalue
25) Phenanthrene	17.17	178	22223	1.00	ng/ul	98
27) Anthracene	17.17	178	22223	1.01	ng/ul	100
28) Fluoranthene	19.19	202	73111	3.09	ng/ul	99
31) Pyrene	19.55	202	64618	2.35	ng/ul	100
32) Benzo(a)anthracene	21.30	228	37693	1.45	ng/ul	97
33) Chrysene	21.35	228	42229	1.66	ng/ul	97
35) Benzo(b)fluoranthene	22.89	252	63025	2.27	ng/ul	96
36) Benzo(k)fluoranthene	22.89	252	63025	2.46	ng/ul	97
38) Benzo(a)pyrene	23.47	252	39614	1.50	ng/ul	96

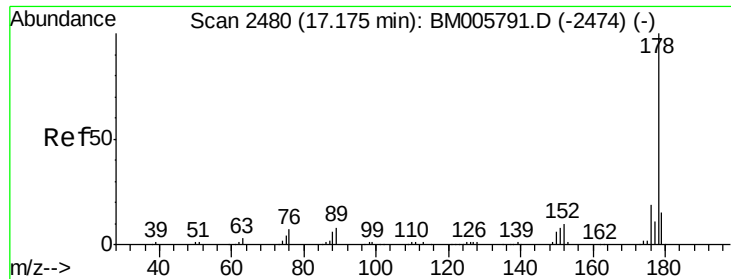
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Phenanthrene

Concen: 1.00 ng/ul

RT: 17.17 min Scan# 2480

Delta R.T. -0.00 min

Lab File: BM005801.D

Acq: 15 Jun 2016 01:07

Instrument :

BNA_M

ClientSampleId :

D9Y02

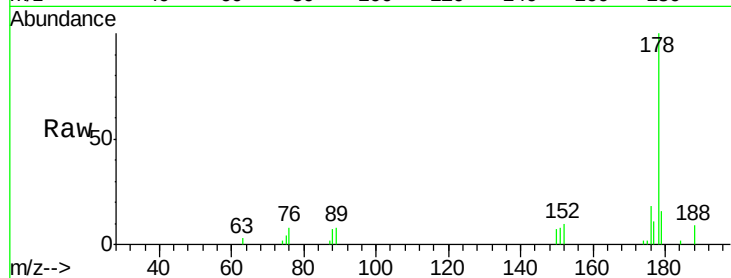
Tgt Ion:178 Resp: 22223

Ion Ratio Lower Upper

178 100

179 15.8 12.2 18.2

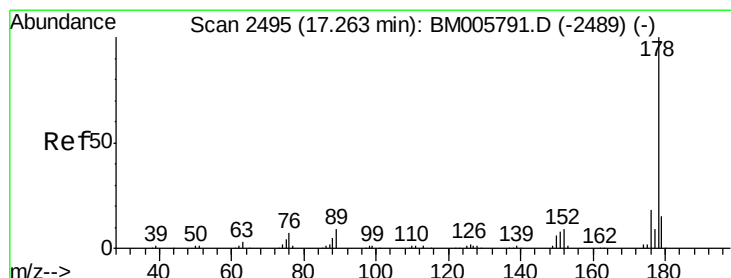
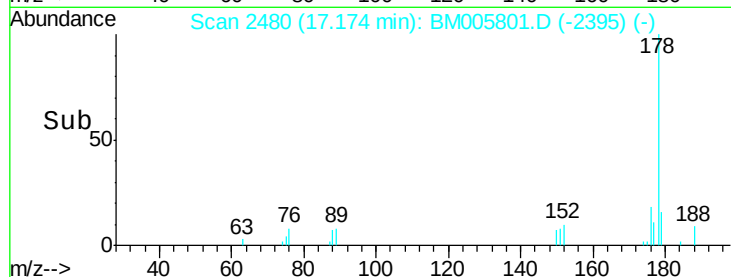
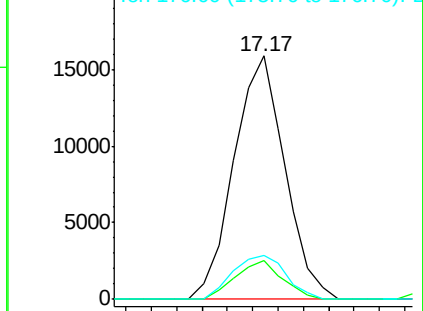
176 18.3 15.3 22.9



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



#27

Anthracene

Concen: 1.01 ng/ul

RT: 17.17 min Scan# 2480

Delta R.T. -0.09 min

Lab File: BM005801.D

Acq: 15 Jun 2016 01:07

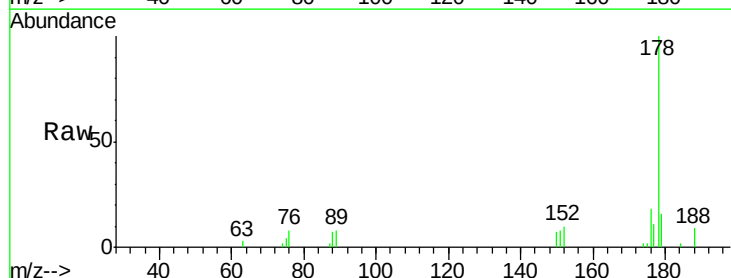
Tgt Ion:178 Resp: 22223

Ion Ratio Lower Upper

178 100

179 15.8 12.3 18.5

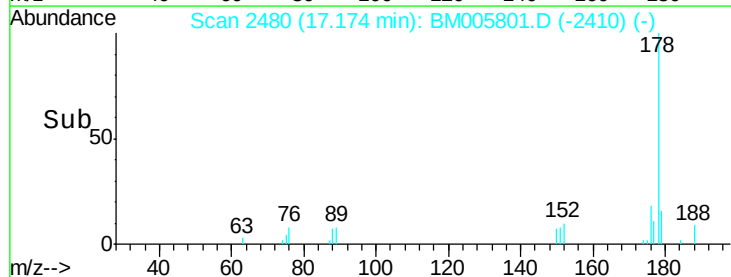
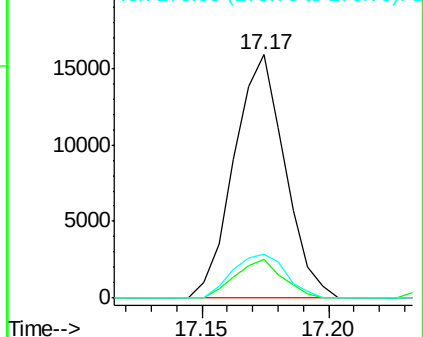
176 18.3 14.6 22.0

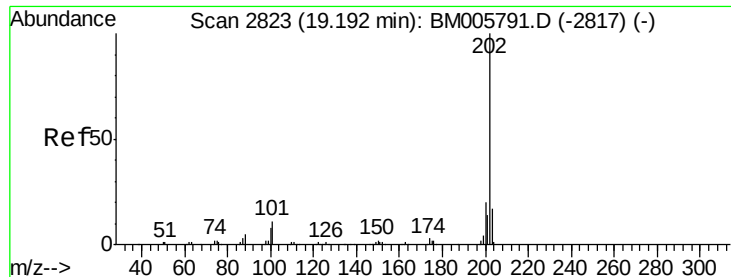


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

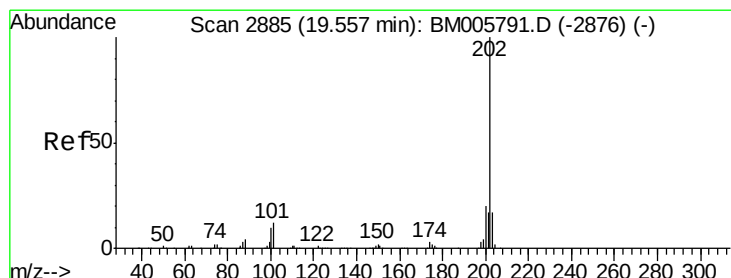
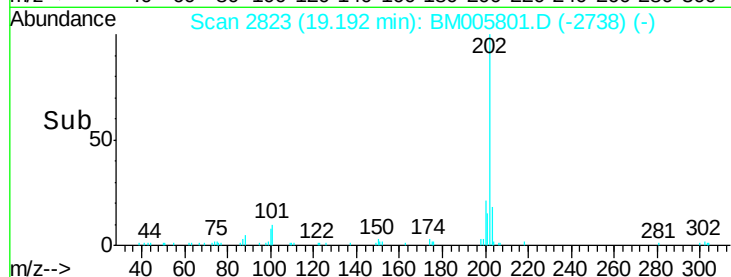
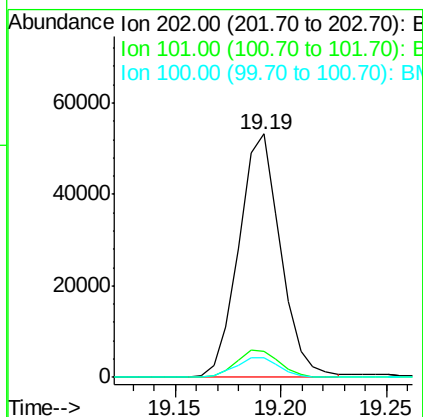
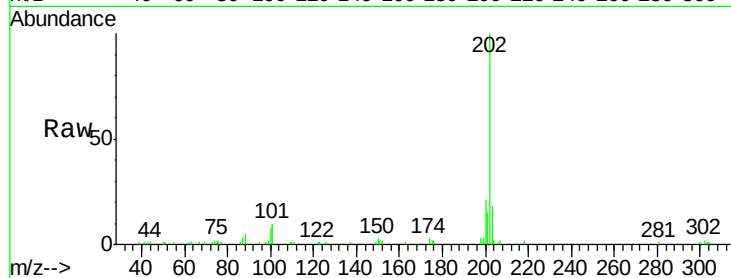




#28
 Fluoranthene
 Concen: 3.09 ng/ul
 RT: 19.19 min Scan# 2823
 Delta R.T. -0.00 min
 Lab File: BM005801.D
 Acq: 15 Jun 2016 01:07

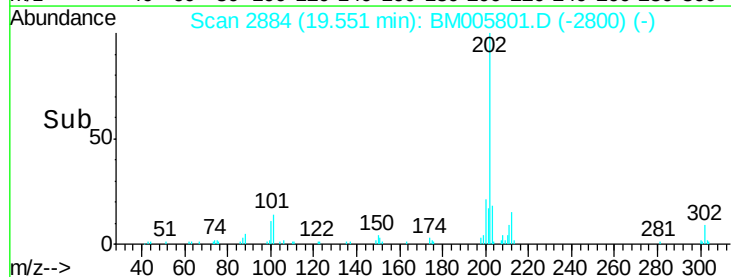
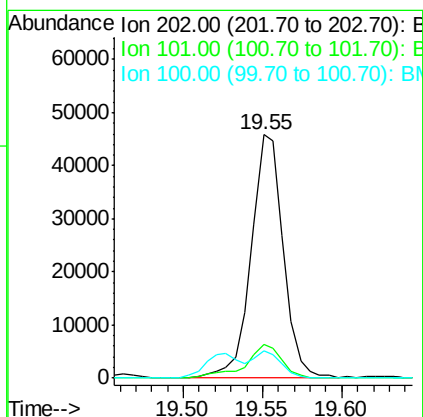
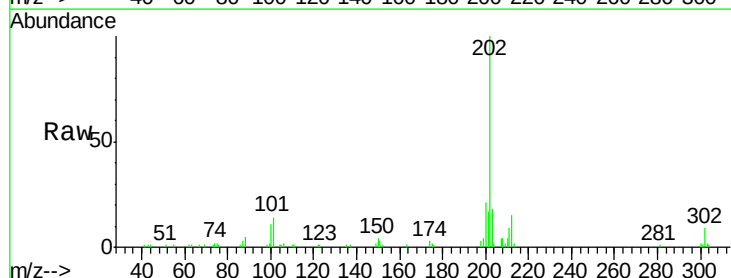
Instrument :
 BNA_M
 ClientSampleId :
 D9Y02

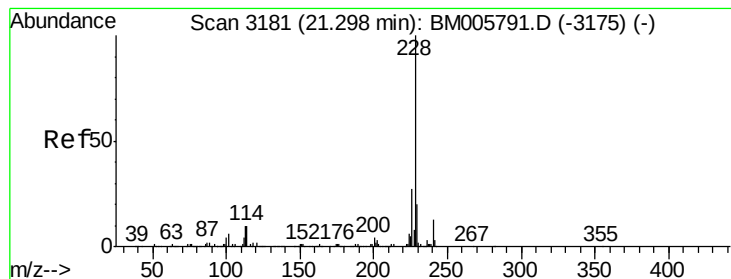
Tgt Ion:202 Resp: 73111
 Ion Ratio Lower Upper
 202 100
 101 10.5 8.5 12.7
 100 7.8 6.5 9.7



#31
 Pyrene
 Concen: 2.35 ng/ul
 RT: 19.55 min Scan# 2884
 Delta R.T. -0.01 min
 Lab File: BM005801.D
 Acq: 15 Jun 2016 01:07

Tgt Ion:202 Resp: 64618
 Ion Ratio Lower Upper
 202 100
 101 13.7 11.0 16.4
 100 11.0 8.9 13.3





#32

Benzo(a)anthracene

Concen: 1.45 ng/ul

RT: 21.30 min Scan# 3181

Delta R.T. -0.00 min

Lab File: BM005801.D

Acq: 15 Jun 2016 01:07

Instrument :

BNA_M

ClientSampleId :

D9Y02

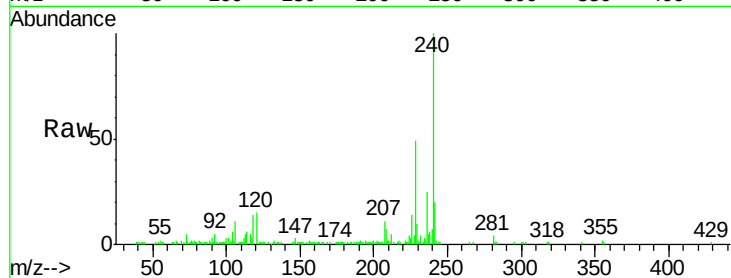
Tgt Ion:228 Resp: 37693

Ion Ratio Lower Upper

228 100

229 20.8 15.6 23.4

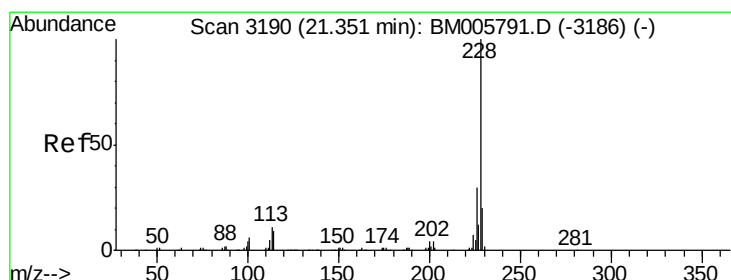
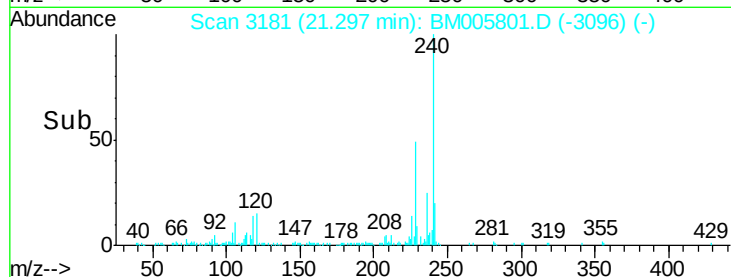
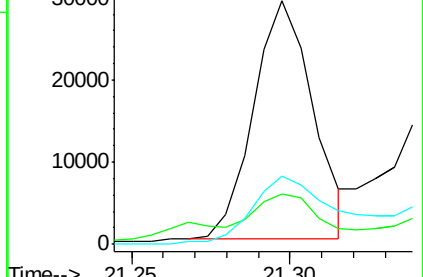
226 28.3 21.6 32.4



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: 1.66 ng/ul

RT: 21.35 min Scan# 3190

Delta R.T. -0.00 min

Lab File: BM005801.D

Acq: 15 Jun 2016 01:07

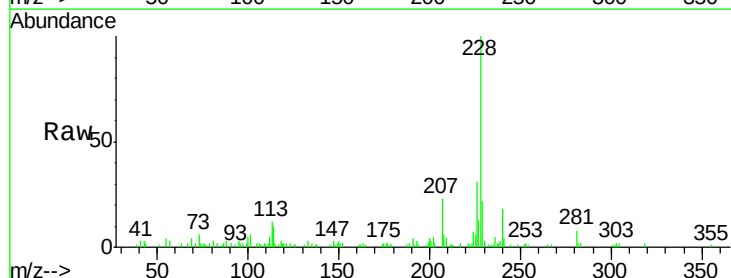
Tgt Ion:228 Resp: 42229

Ion Ratio Lower Upper

228 100

226 31.2 23.8 35.6

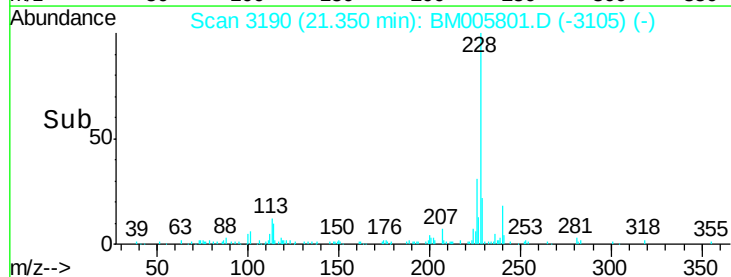
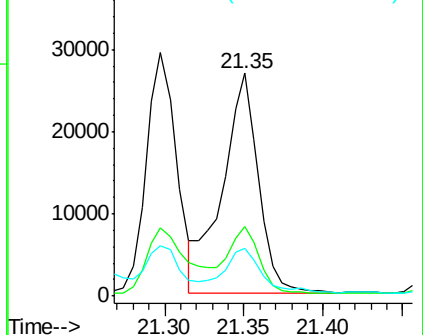
229 21.5 15.8 23.6

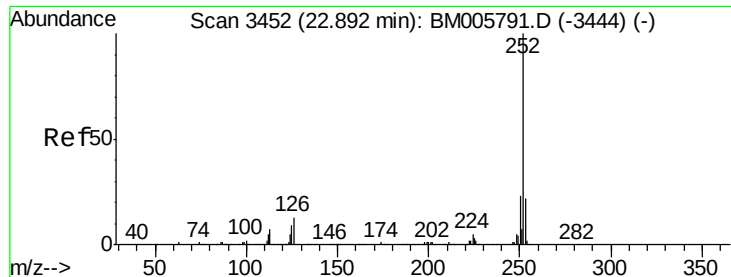


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

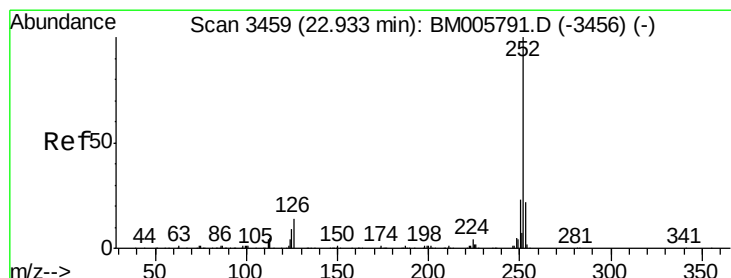
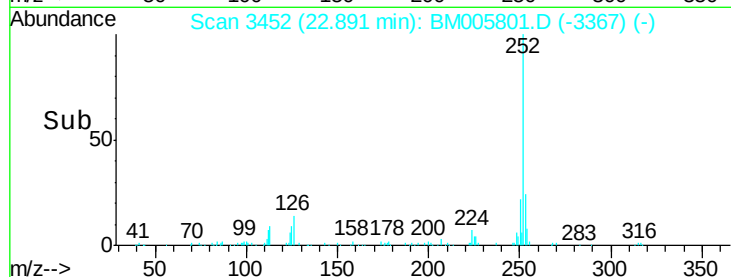
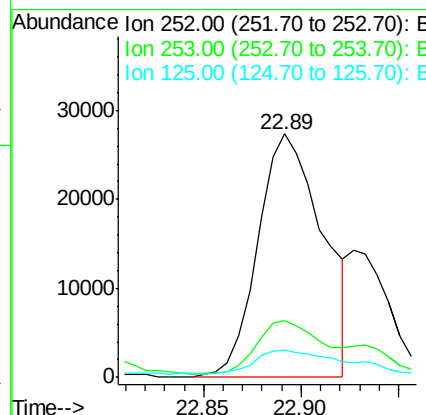
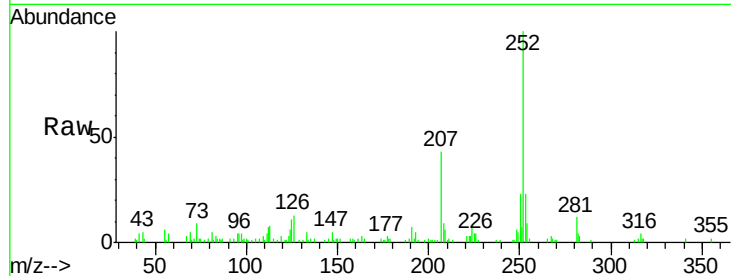




#35
Benzo(b)fluoranthene
Concen: 2.27 ng/ul
RT: 22.89 min Scan# 3452
Delta R.T. -0.00 min
Lab File: BM005801.D
Acq: 15 Jun 2016 01:07

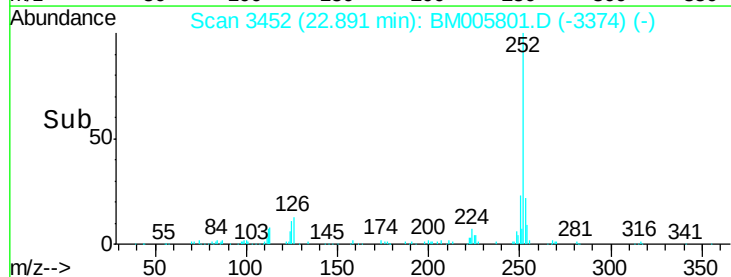
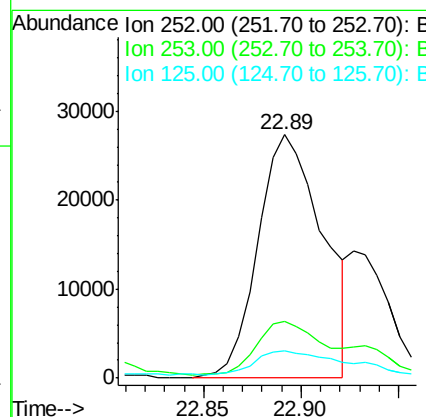
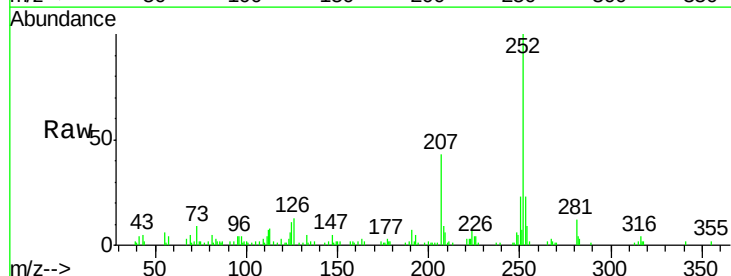
Instrument :
BNA_M
ClientSampleId :
D9Y02

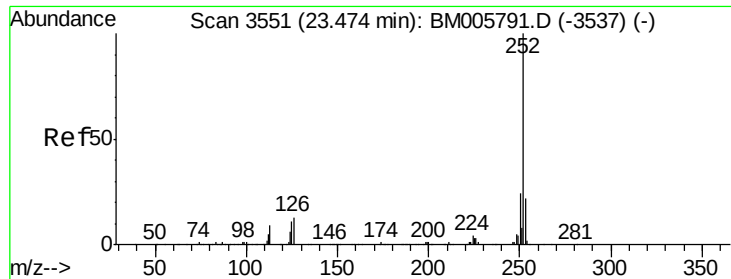
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.2	25.8
125	11.0	7.8	11.6



#36
Benzo(k)fluoranthene
Concen: 2.46 ng/ul
RT: 22.89 min Scan# 3452
Delta R.T. -0.04 min
Lab File: BM005801.D
Acq: 15 Jun 2016 01:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.6	26.4
125	11.0	8.1	12.1





#38

Benzo(a)pyrene

Concen: 1.50 ng/ul

RT: 23.47 min Scan# 3550

Delta R.T. -0.01 min

Lab File: BM005801.D

Acq: 15 Jun 2016 01:07

Instrument :

BNA_M

ClientSampleId :

D9Y02

Tgt Ion:252 Resp: 39614

Ion Ratio Lower Upper

252 100

253 24.8 17.8 26.6

125 11.7 8.7 13.1

