

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073016\
 Data File : BM006771.D
 Acq On : 30 Jul 2016 13:42
 Operator : UM/SJ
 Sample : H4192-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA0D8

Quant Time: Aug 01 05:48:18 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 30 01:37:26 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	180560	20.00	ng/ul	0.00
7) Naphthalene-d8	10.38	136	806621	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	453480	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.01	188	1020138	20.00	ng/ul	0.00
29) Chrysene-d12	21.21	240	1158177	20.00	ng/ul	0.00
34) Perylene-d12	23.41	264	1187860	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.13	96	4351	0.97	ng/uL	0.00
3) Phenol-d5	6.79	99	172681	11.24	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	117271	12.32	ng/ul	0.00
5) 2-Chlorophenol-d4	7.14	132	140639	11.46	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	123594	10.37	ng/ul	0.00
8) Nitrobenzene-d5	8.76	128	68536	11.22	ng/ul	0.00
9) 2-Nitrophenol-d4	9.47	143	72624	11.18	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	135893	11.08	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	159806	11.83	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	443440	12.47	ng/ul	0.00
17) Acenaphthylene-d8	13.95	160	566825	12.49	ng/ul	0.00
20) 4-Nitrophenol-d4	14.49	143	44806	7.26	ng/ul	0.00
21) Fluorene-d10	15.25	176	403084	12.68	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	37856	7.15	ng/ul	0.00
26) Anthracene-d10	17.10	188	621700	12.83	ng/ul	0.00
30) Pyrene-d10	19.41	212	688436	13.05	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.27	264	685657	12.55	ng/ul	-0.01

Target Compounds

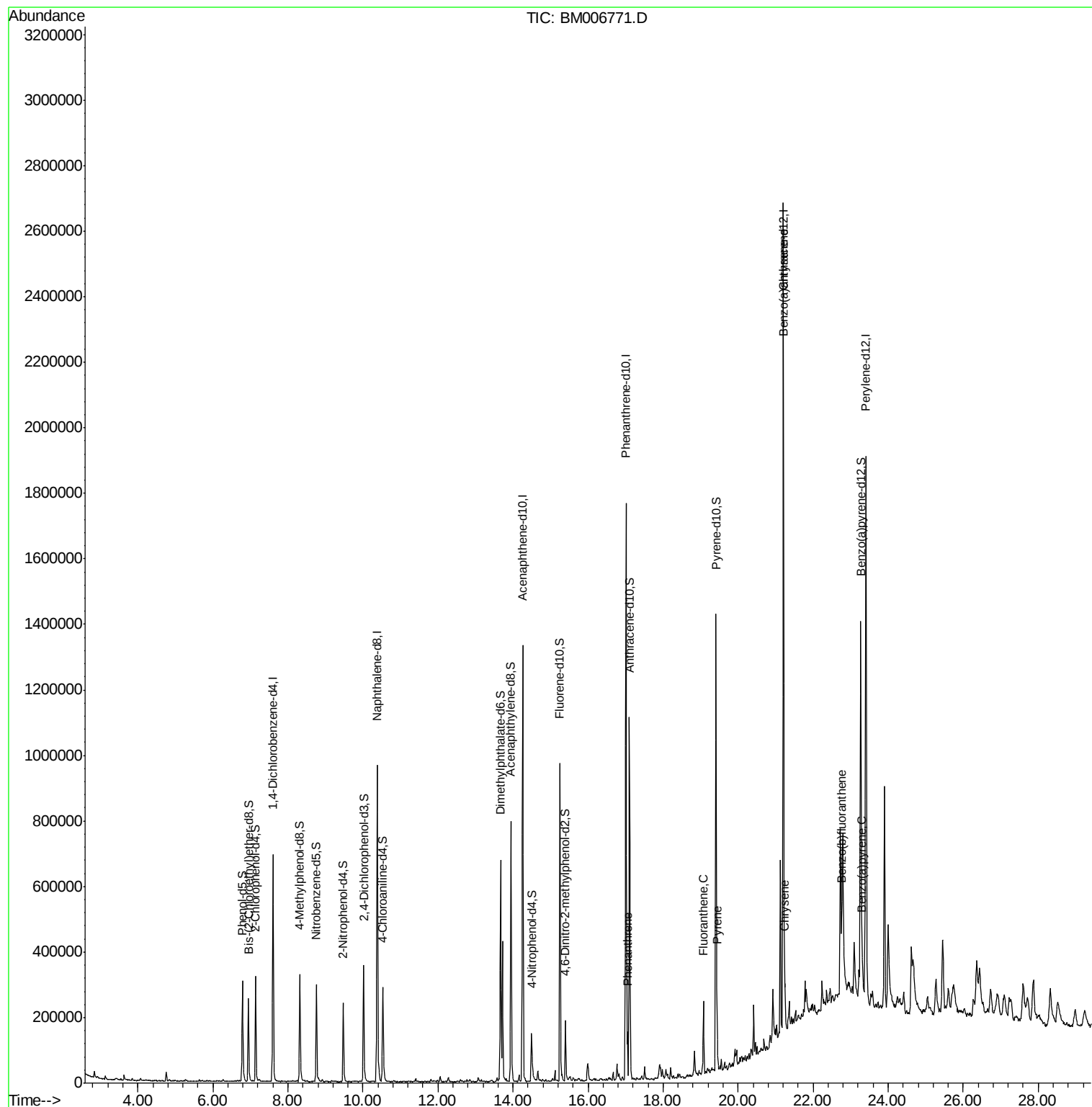
						Qvalue
25) Phenanthrene	17.05	178	83692	1.46	ng/ul	98
28) Fluoranthene	19.07	202	131761	1.95	ng/ul	98
31) Pyrene	19.44	202	111336	1.59	ng/ul	97
32) Benzo(a)anthracene	21.20	228	72730	1.04	ng/ul	98
33) Chrysene	21.24	228	82408	1.27	ng/ul	96
35) Benzo(b)fluoranthene	22.76	252	122946	1.73	ng/ul#	98
38) Benzo(a)pyrene	23.32	252	70205	1.01	ng/ul	96

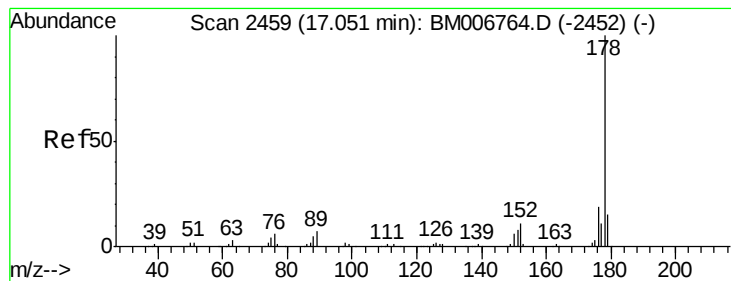
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Phenanthrene

Concen: 1.46 ng/ul

RT: 17.05 min Scan# 2459

Delta R.T. 0.00 min

Lab File: BM006771.D

Acq: 30 Jul 2016 13:42

Instrument :

BNA_M

ClientSampleId :

DA0D8

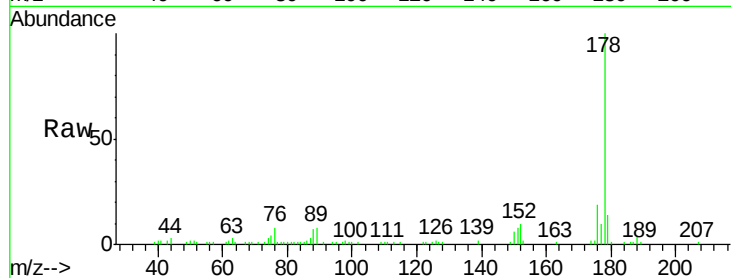
Tgt Ion:178 Resp: 83692

Ion Ratio Lower Upper

178 100

179 14.1 11.8 17.8

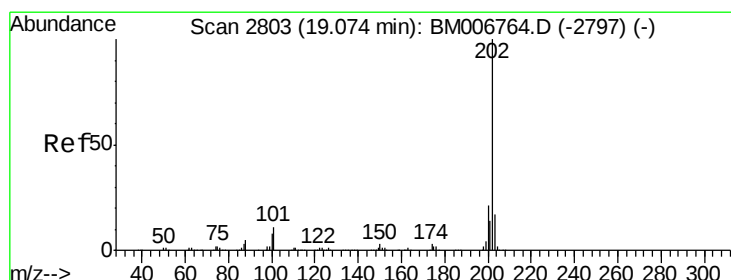
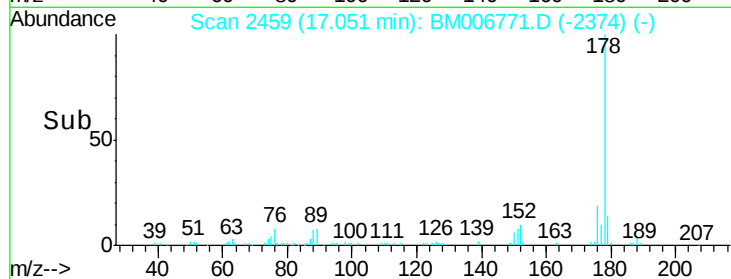
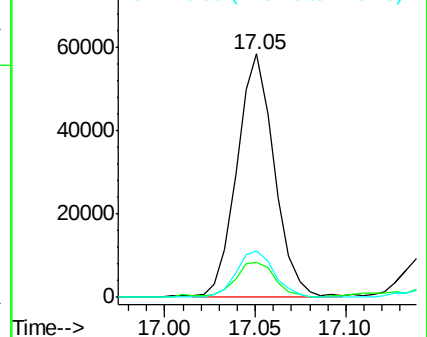
176 19.2 14.8 22.2



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: 1.95 ng/ul

RT: 19.07 min Scan# 2803

Delta R.T. -0.01 min

Lab File: BM006771.D

Acq: 30 Jul 2016 13:42

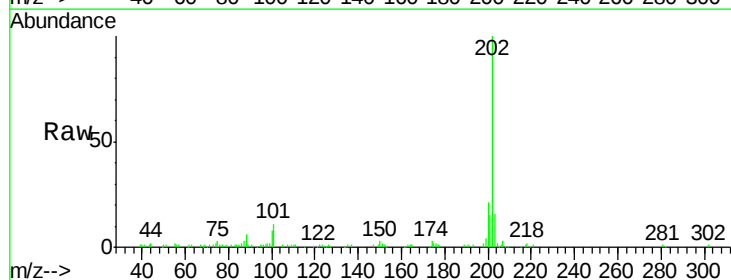
Tgt Ion:202 Resp: 131761

Ion Ratio Lower Upper

202 100

101 10.7 8.9 13.3

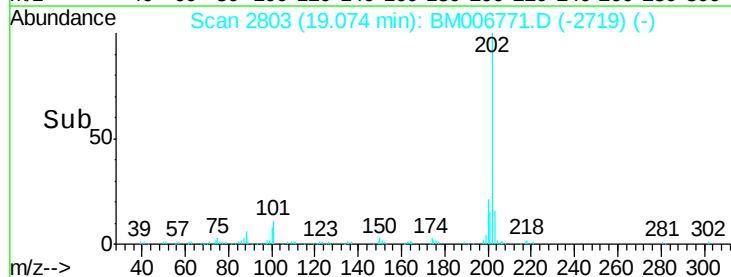
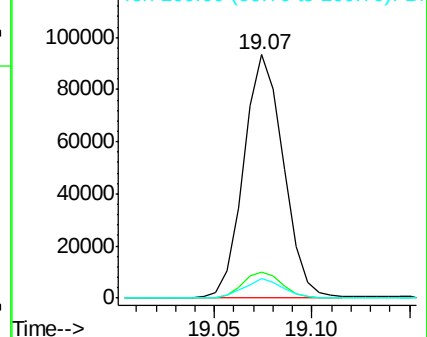
100 7.8 7.0 10.4

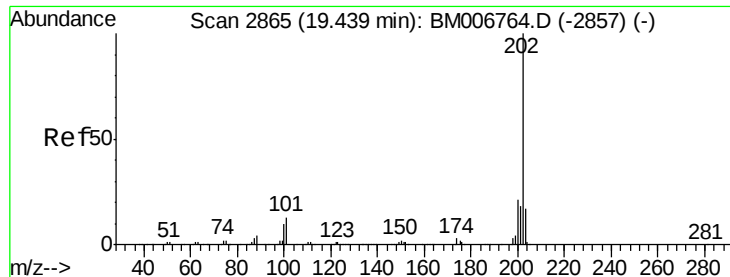


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

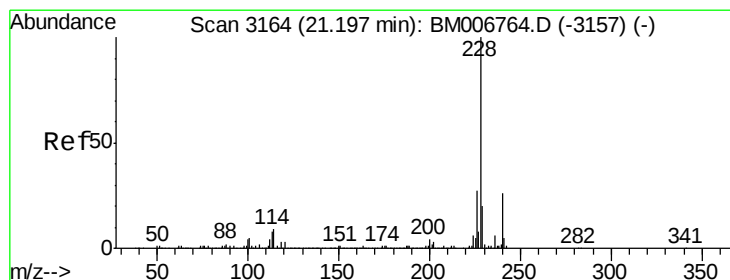
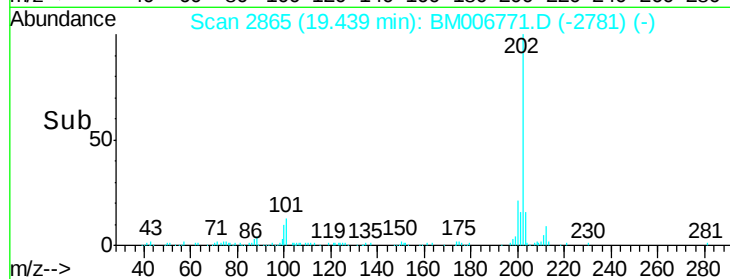
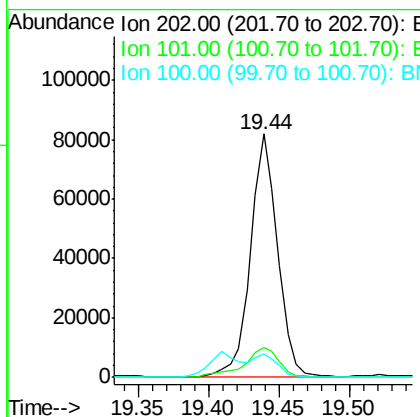
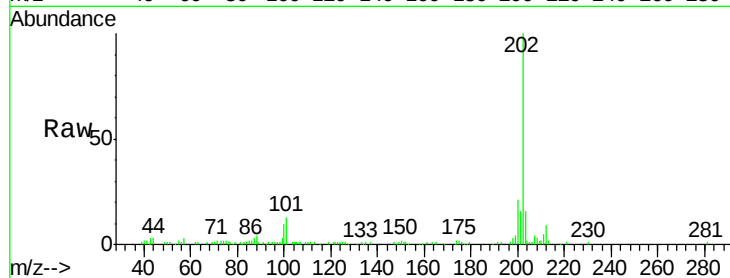




#31
Pyrene
Concen: 1.59 ng/ul
RT: 19.44 min Scan# 2865
Delta R.T. -0.01 min
Lab File: BM006771.D
Acq: 30 Jul 2016 13:42

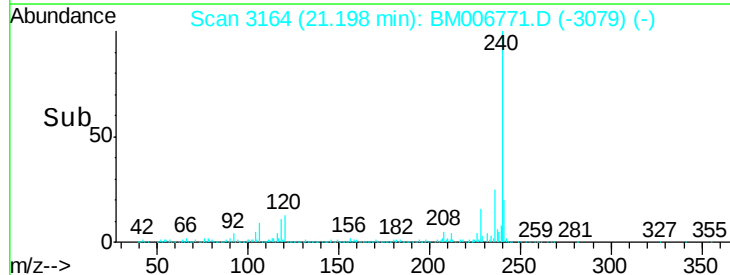
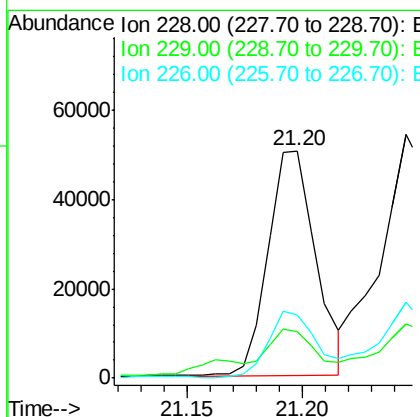
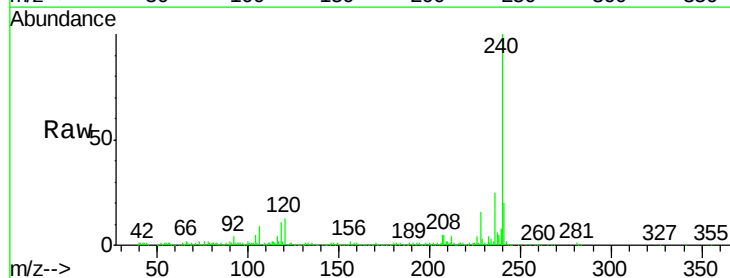
Instrument :
BNA_M
ClientSampleId :
DA0D8

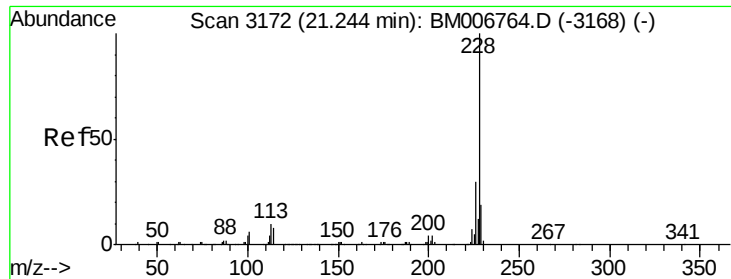
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.8	14.8
100	9.6	9.3	13.9



#32
Benzo(a)anthracene
Concen: 1.04 ng/ul
RT: 21.20 min Scan# 3164
Delta R.T. 0.00 min
Lab File: BM006771.D
Acq: 30 Jul 2016 13:42

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.5	16.6	25.0
226	27.6	21.0	31.4





#33

Chrysene

Concen: 1.27 ng/ul

RT: 21.24 min Scan# 3172

Delta R.T. -0.01 min

Lab File: BM006771.D

Acq: 30 Jul 2016 13:42

Instrument :

BNA_M

ClientSampleId :

DA0D8

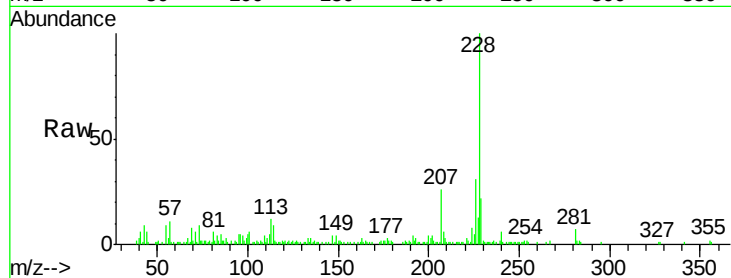
Tgt Ion:228 Resp: 82408

Ion Ratio Lower Upper

228 100

226 31.2 23.4 35.2

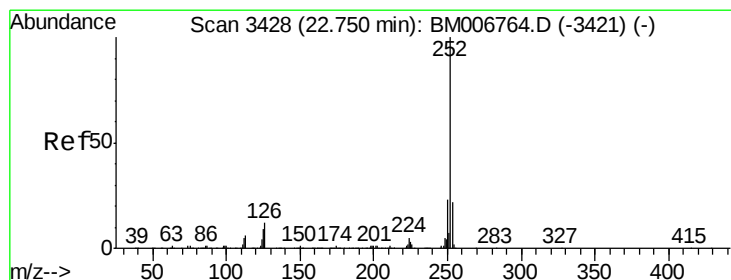
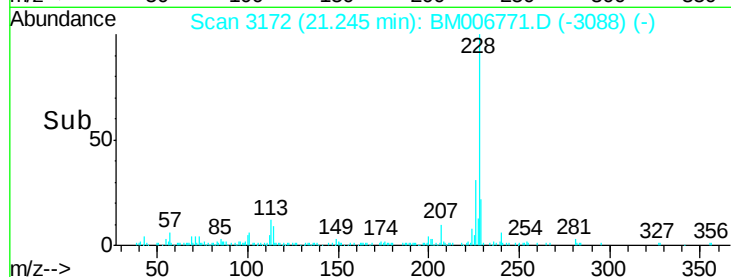
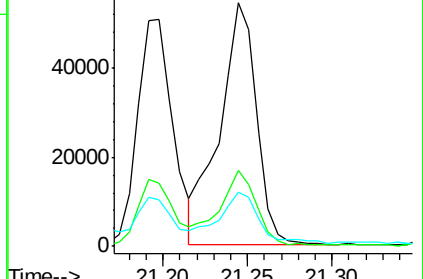
229 22.4 16.2 24.2



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: 1.73 ng/ul

RT: 22.76 min Scan# 3429

Delta R.T. 0.00 min

Lab File: BM006771.D

Acq: 30 Jul 2016 13:42

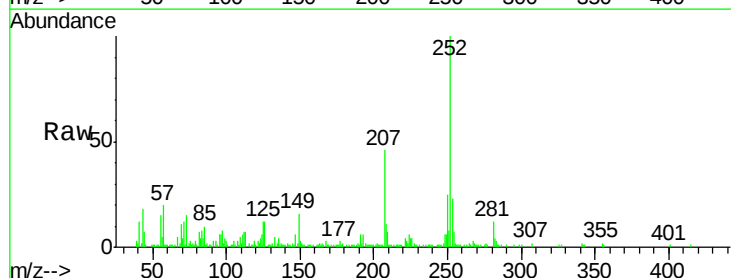
Tgt Ion:252 Resp: 122946

Ion Ratio Lower Upper

252 100

253 22.8 18.1 27.1

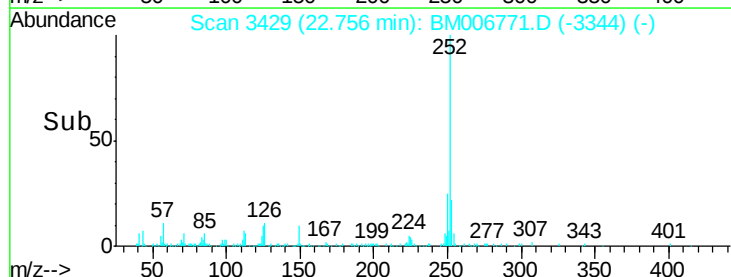
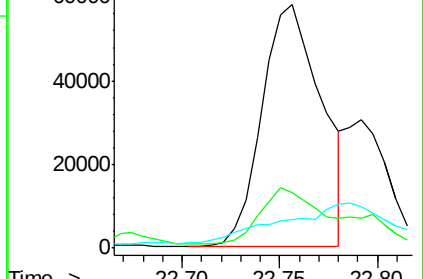
125 11.6 7.6 11.4#

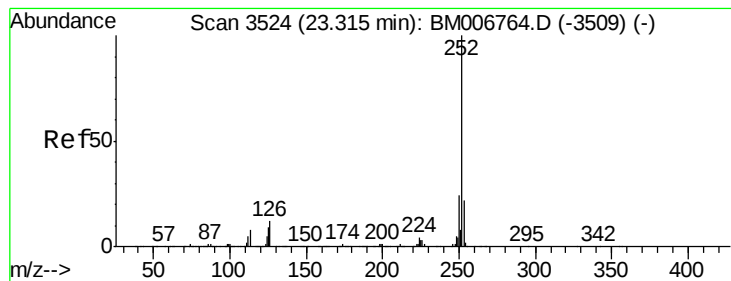


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Benzo(a)pyrene

Concen: 1.01 ng/ul

RT: 23.32 min Scan# 3524

Delta R.T. -0.01 min

Lab File: BM006771.D

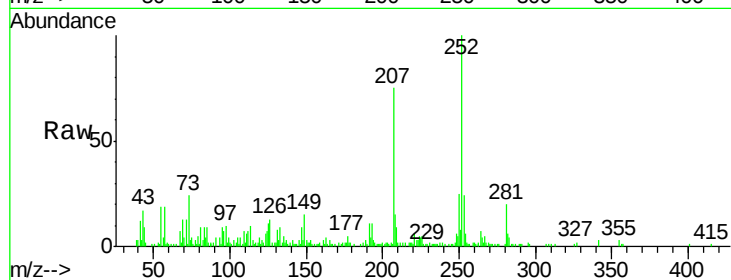
Acq: 30 Jul 2016 13:42

Instrument :

BNA_M

ClientSampleId :

DA0D8



Tgt Ion: 252 Resp: 70205

Ion Ratio Lower Upper

252 100

253 24.4 17.4 26.0

125 10.8 8.2 12.2

