

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073016\
 Data File : BM006774.D
 Acq On : 30 Jul 2016 15:33
 Operator : UM/SJ
 Sample : H4190-13
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9ZR2

Quant Time: Aug 01 05:55:00 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	195638	20.00	ng/ul	0.00
7) Naphthalene-d8	10.38	136	864531	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	490758	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.01	188	1096654	20.00	ng/ul	0.00
29) Chrysene-d12	21.21	240	1227029	20.00	ng/ul	0.00
34) Perylene-d12	23.41	264	1264514	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.13	96	7733	1.60	ng/uL	0.00
3) Phenol-d5	6.79	99	279433	16.79	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	201398	19.53	ng/ul	0.00
5) 2-Chlorophenol-d4	7.14	132	234293	17.62	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	171511	13.29	ng/ul	0.00
8) Nitrobenzene-d5	8.76	128	119738	18.30	ng/ul	0.00
9) 2-Nitrophenol-d4	9.47	143	132298	19.01	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.01	165	231383	17.59	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	317395	21.91	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	774205	20.12	ng/ul	0.00
17) Acenaphthylene-d8	13.95	160	974872	19.85	ng/ul	0.00
20) 4-Nitrophenol-d4	14.49	143	107611	16.10	ng/ul	0.00
21) Fluorene-d10	15.26	176	684546	19.89	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	88518	15.55	ng/ul	0.00
26) Anthracene-d10	17.11	188	1050323	20.17	ng/ul	0.00
30) Pyrene-d10	19.41	212	1200986	21.48	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.27	264	1232139	21.18	ng/ul	-0.01

Target Compounds

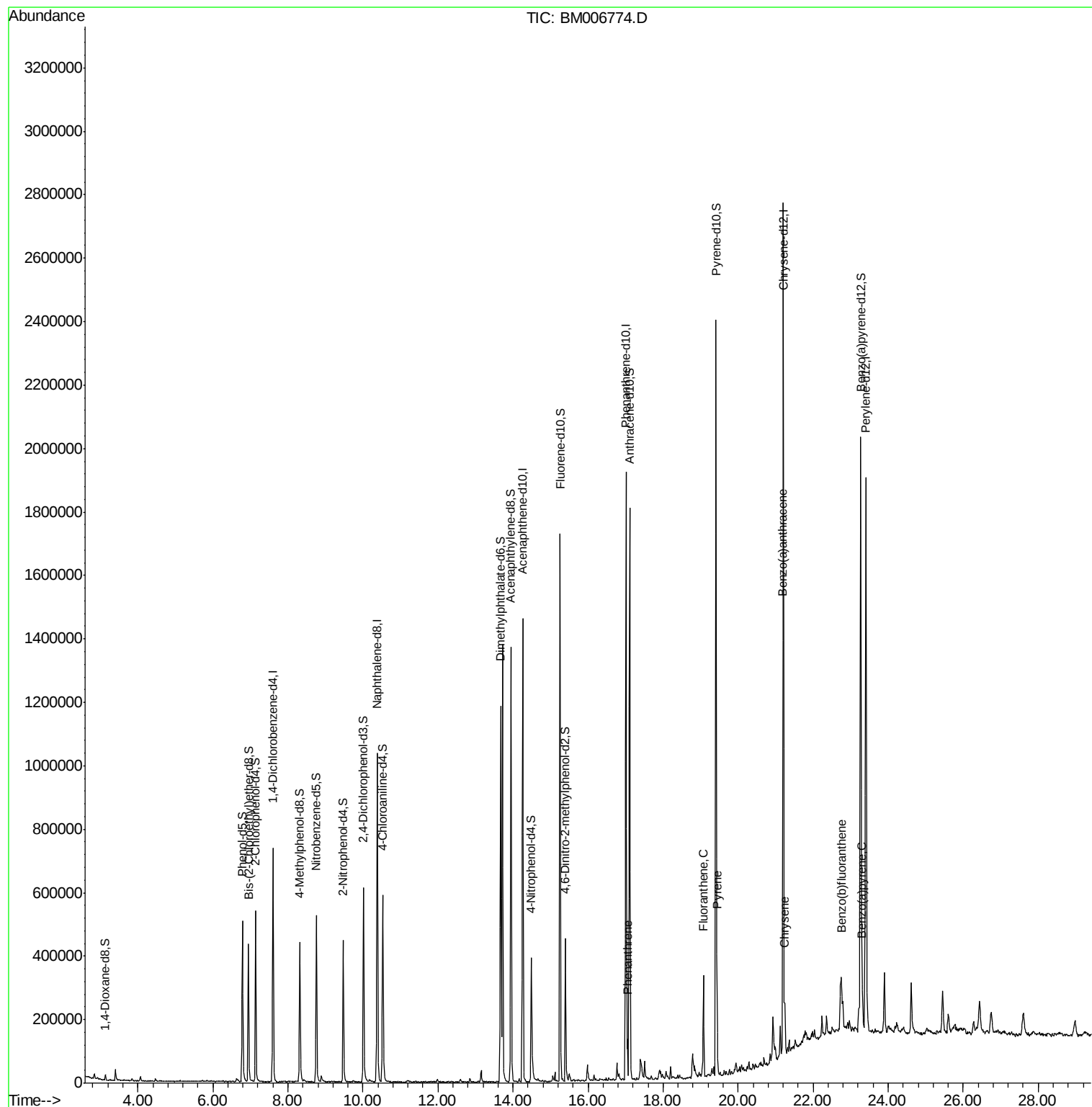
						Qvalue
25) Phenanthrene	17.05	178	72395	1.17	ng/ul	99
28) Fluoranthene	19.07	202	190294	2.63	ng/ul	99
31) Pyrene	19.44	202	163467	2.20	ng/ul	97
32) Benzo(a)anthracene	21.19	228	97784	1.31	ng/ul	98
33) Chrysene	21.24	228	101124	1.47	ng/ul	99
35) Benzo(b)fluoranthene	22.76	252	129560	1.71	ng/ul	100
38) Benzo(a)pyrene	23.31	252	82199	1.11	ng/ul	96

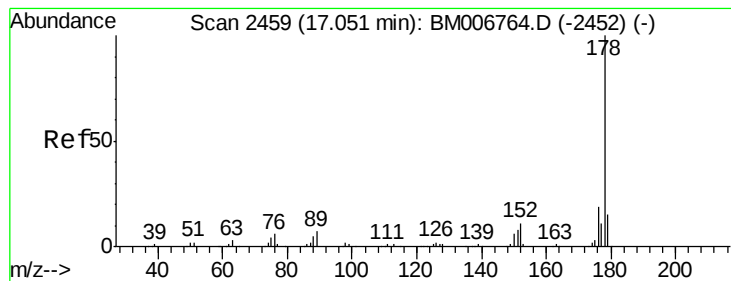
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Phenanthrene

Concen: 1.17 ng/ul

RT: 17.05 min Scan# 2459

Delta R.T. 0.00 min

Lab File: BM006774.D

Acq: 30 Jul 2016 15:33

Instrument :

BNA_M

ClientSampleId :

D9ZR2

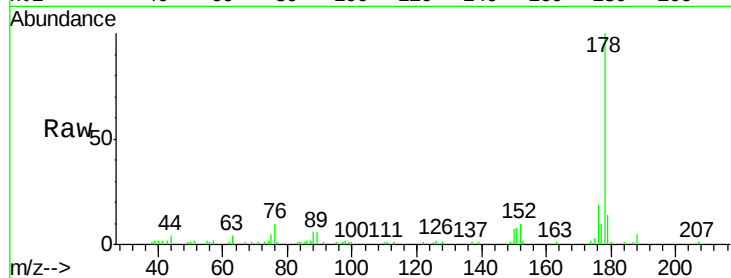
Tgt Ion:178 Resp: 72395

Ion Ratio Lower Upper

178 100

179 14.0 11.8 17.8

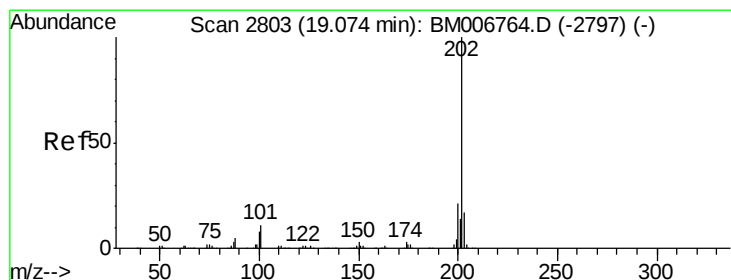
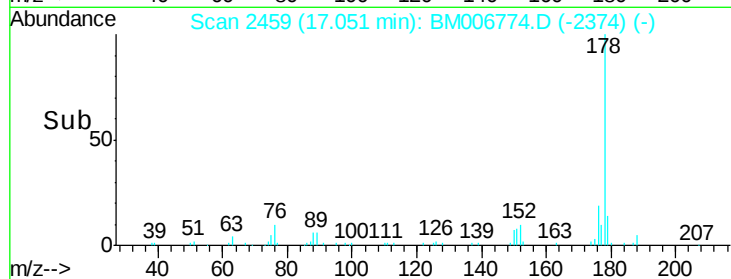
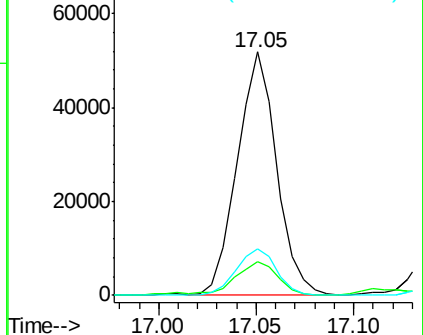
176 19.0 14.8 22.2



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: 2.63 ng/ul

RT: 19.07 min Scan# 2803

Delta R.T. -0.01 min

Lab File: BM006774.D

Acq: 30 Jul 2016 15:33

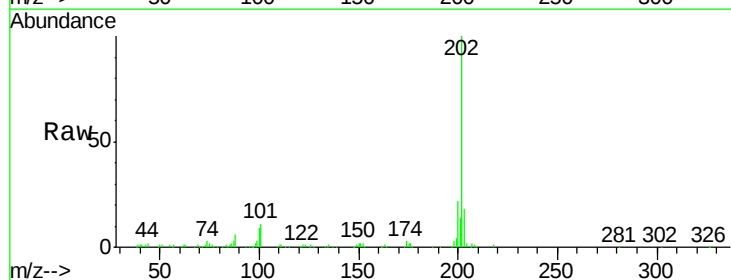
Tgt Ion:202 Resp: 190294

Ion Ratio Lower Upper

202 100

101 10.5 8.9 13.3

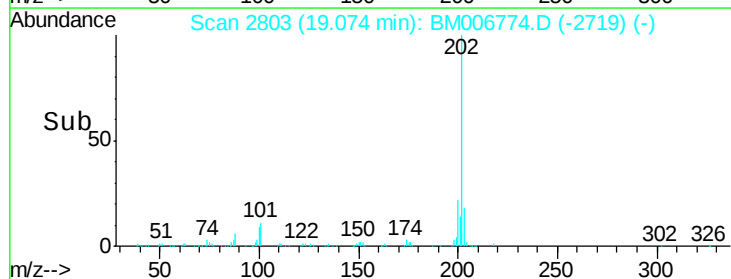
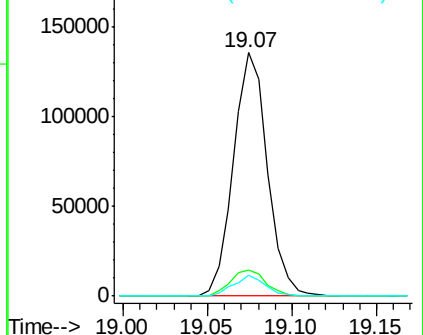
100 8.7 7.0 10.4

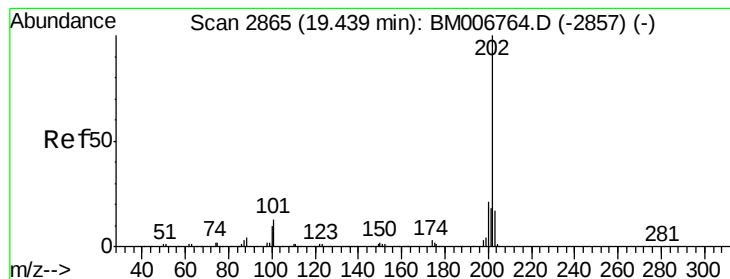


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#31

Pyrene

Concen: 2.20 ng/ul

RT: 19.44 min Scan# 2865

Delta R.T. -0.01 min

Lab File: BM006774.D

Acq: 30 Jul 2016 15:33

Instrument :

BNA_M

ClientSampleId :

D9ZR2

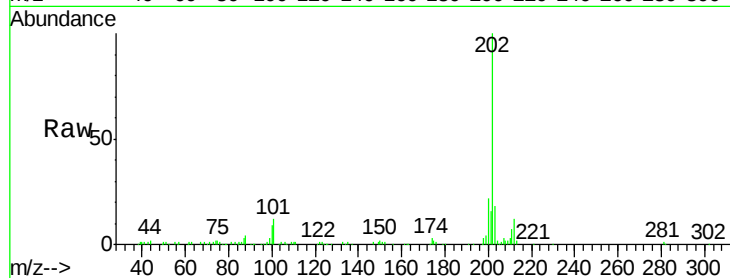
Tgt Ion:202 Resp: 163467

Ion Ratio Lower Upper

202 100

101 12.1 9.8 14.8

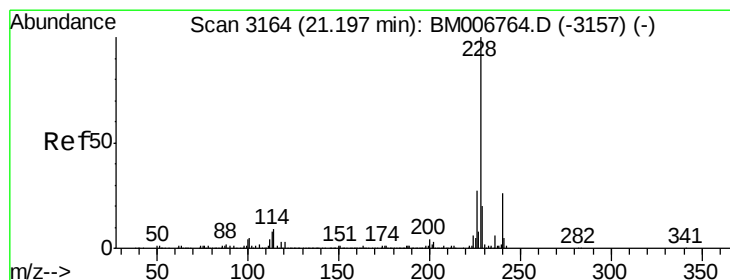
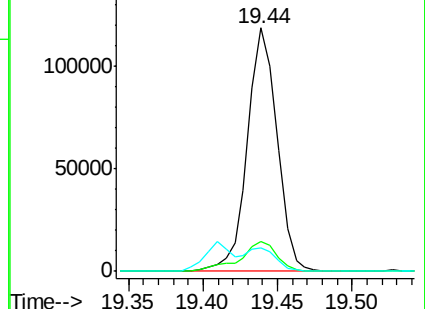
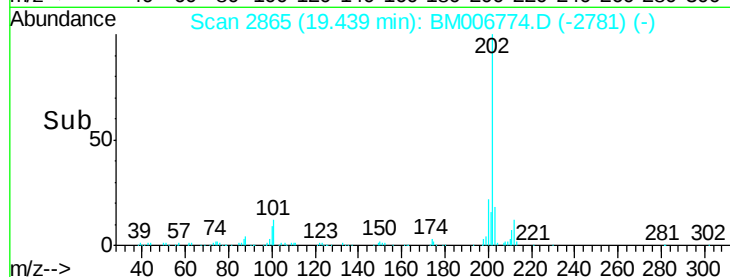
100 9.4 9.3 13.9



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): E



#32

Benzo(a)anthracene

Concen: 1.31 ng/ul

RT: 21.19 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BM006774.D

Acq: 30 Jul 2016 15:33

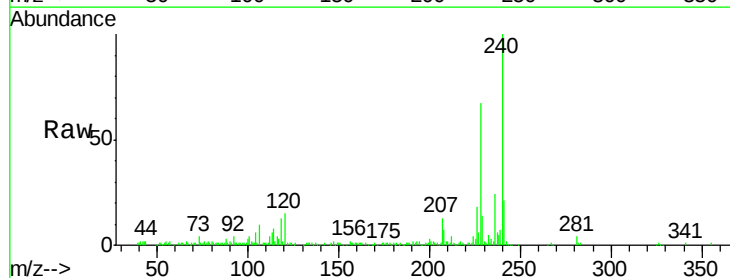
Tgt Ion:228 Resp: 97784

Ion Ratio Lower Upper

228 100

229 21.2 16.6 25.0

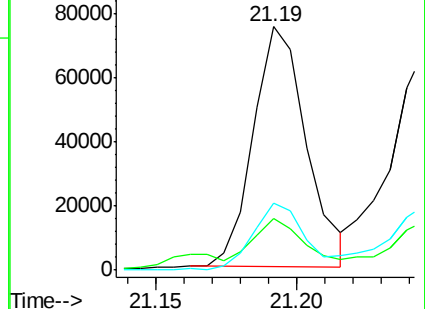
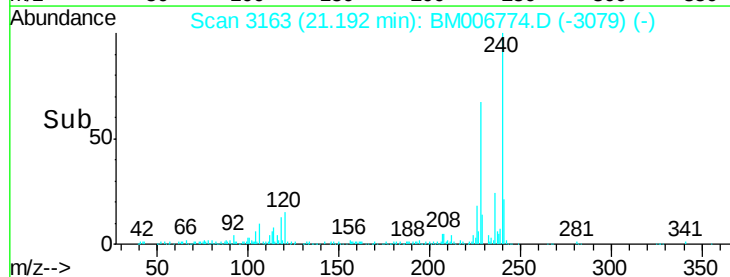
226 27.6 21.0 31.4

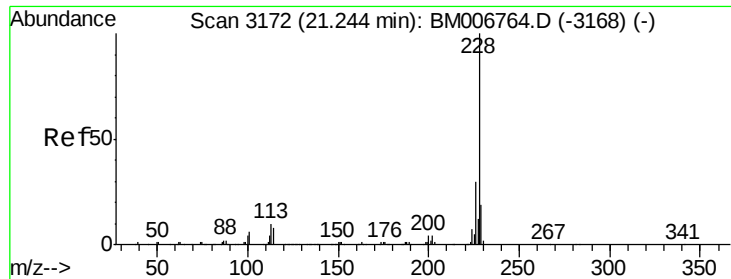


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#33

Chrysene

Concen: 1.47 ng/ul

RT: 21.24 min Scan# 3172

Delta R.T. -0.01 min

Lab File: BM006774.D

Acq: 30 Jul 2016 15:33

Instrument :

BNA_M

ClientSampleId :

D9ZR2

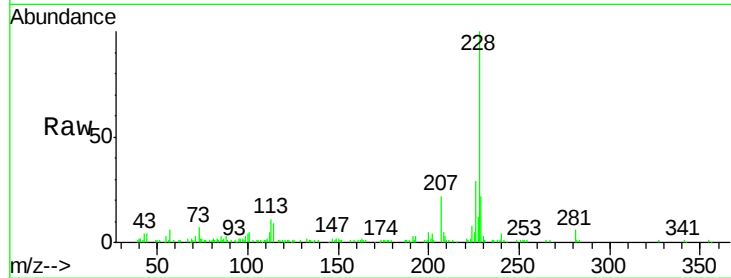
Tgt Ion:228 Resp: 101124

Ion Ratio Lower Upper

228 100

226 29.3 23.4 35.2

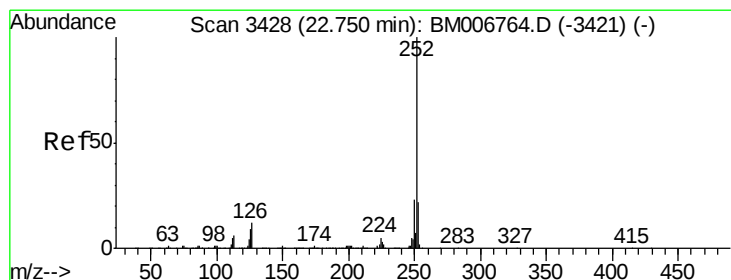
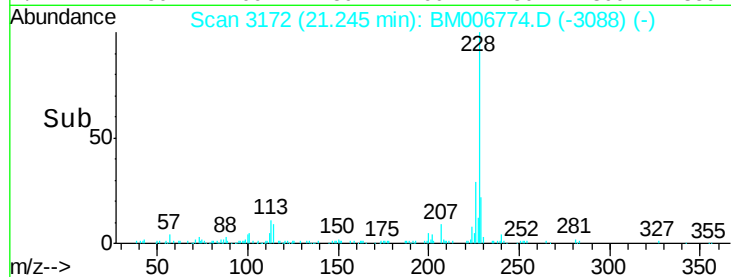
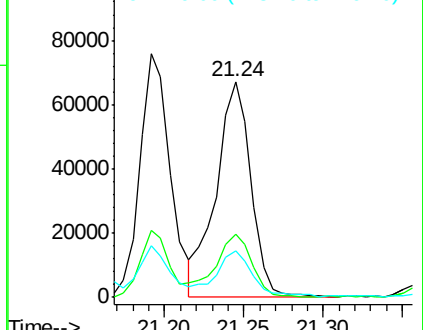
229 21.7 16.2 24.2



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: 1.71 ng/ul

RT: 22.76 min Scan# 3429

Delta R.T. 0.00 min

Lab File: BM006774.D

Acq: 30 Jul 2016 15:33

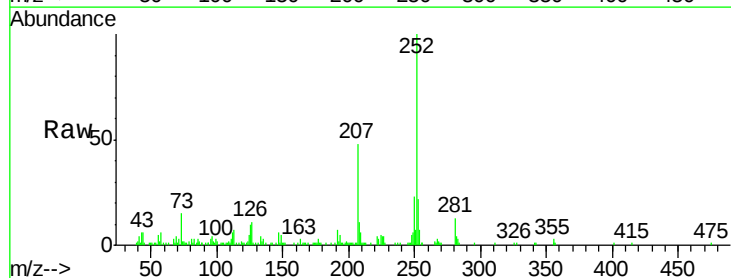
Tgt Ion:252 Resp: 129560

Ion Ratio Lower Upper

252 100

253 22.4 18.1 27.1

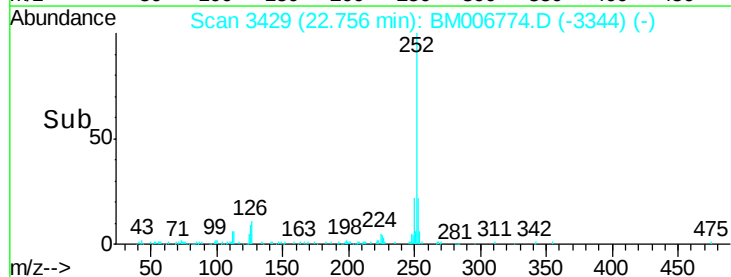
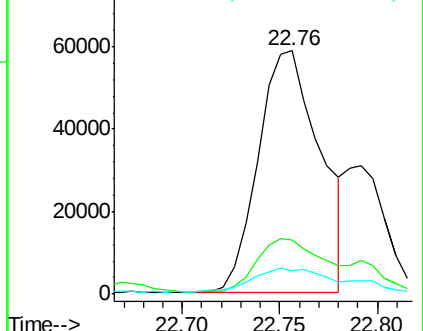
125 9.7 7.6 11.4

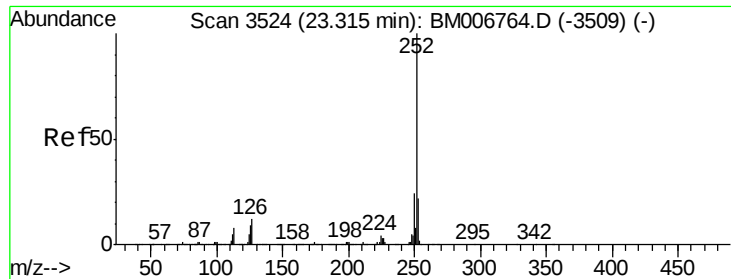


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Benzo(a)pyrene

Concen: 1.11 ng/ul

RT: 23.31 min Scan# 3523

Delta R.T. -0.01 min

Lab File: BM006774.D

Acq: 30 Jul 2016 15:33

Instrument :

BNA_M

ClientSampleId :

D9ZR2

Tgt Ion: 252 Resp: 82199

Ion Ratio Lower Upper

252 100

253 24.3 17.4 26.0

125 10.2 8.2 12.2

