

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022316\
 Data File : BM004371.D
 Acq On : 24 Feb 2016 03:59
 Operator : SJ/UM
 Sample : H1542-13
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 0311-S33-0312

Quant Time: Feb 24 05:45:39 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 24 02:51:42 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	30718	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	142261	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	81964	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	169588	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	129598	20.00	ng/ul	0.00
86) Perylene-d12	23.47	264	125687	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	2649	4.55	ng/uL	0.00
5) Phenol-d5	6.81	99	59833	23.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	32969	25.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	55587	25.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	43829	19.04	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	27375	25.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	31318	25.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	53512	24.00	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	54676	19.67	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	182456	25.96	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	223925	27.21	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	17822	15.77	ng/ul	0.00
58) Fluorene-d10	15.28	176	157786	26.39	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	18671	17.92	ng/ul	0.00
71) Anthracene-d10	17.13	188	225497	27.14	ng/ul	0.00
79) Pyrene-d10	19.44	212	208414	33.25	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.33	264	182363	27.65	ng/ul	0.00

Target Compounds

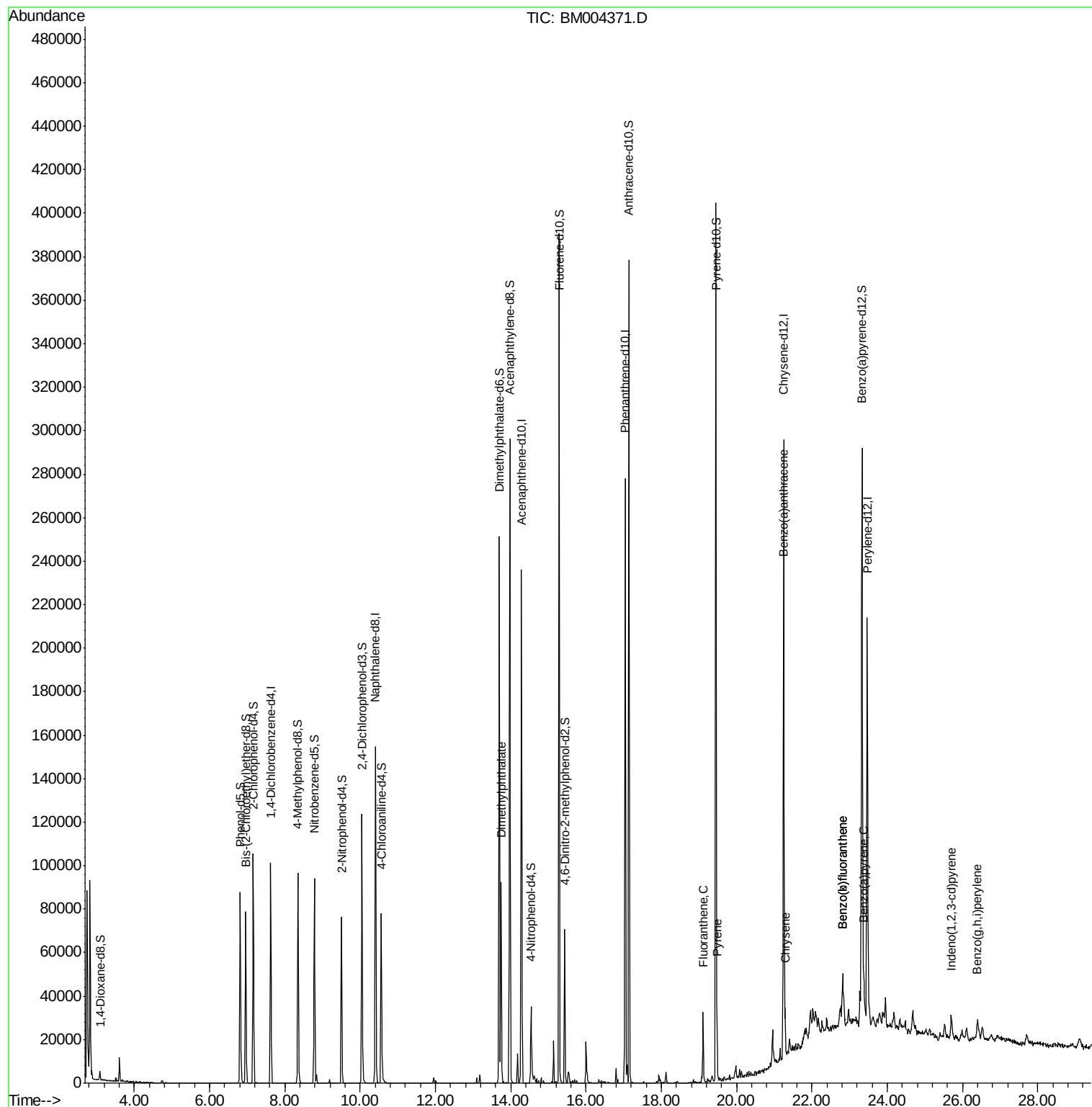
						Qvalue
45) Dimethylphthalate	13.74	163	66323	9.05	ng/ul	99
77) Fluoranthene	19.11	202	21216	1.84	ng/ul	98
80) Pyrene	19.47	202	20036	2.37	ng/ul	99
83) Benzo(a)anthracene	21.23	228	13187	1.58	ng/ul	93
85) Chrysene	21.28	228	13615	1.70	ng/ul	98
88) Benzo(b)fluoranthene	22.80	252	17884	2.11	ng/ul#	90
89) Benzo(k)fluoranthene	22.80	252	10250	1.28	ng/ul#	89
91) Benzo(a)pyrene	23.37	252	12771	1.62	ng/ul#	92
92) Indeno(1,2,3-cd)pyrene	25.71	276	10325	1.40	ng/ul	99
94) Benzo(g,h,i)perylene	26.39	276	11335	1.87	ng/ul	94

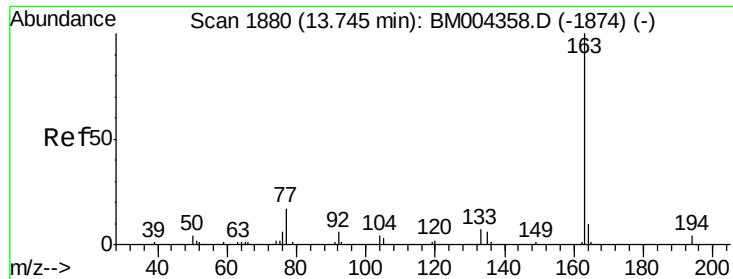
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022316\
Data File : BM004371.D
Acq On : 24 Feb 2016 03:59
Operator : SJ/UM
Sample : H1542-13
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
0311-S33-0312

Quant Time: Feb 24 05:45:39 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022216.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 24 02:51:42 2016
Response via : Initial Calibration

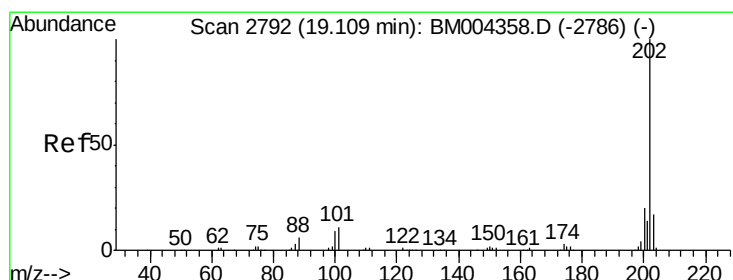
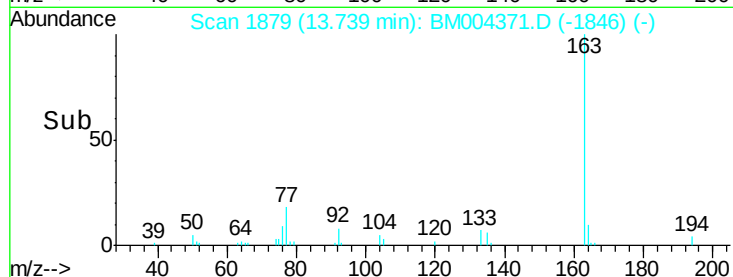
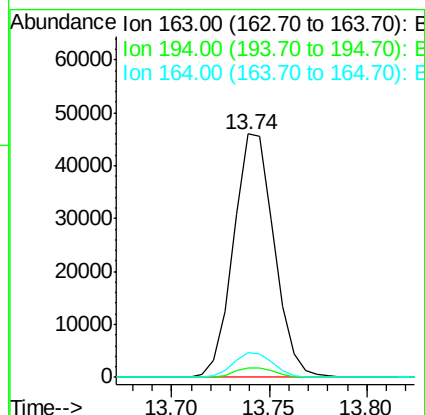
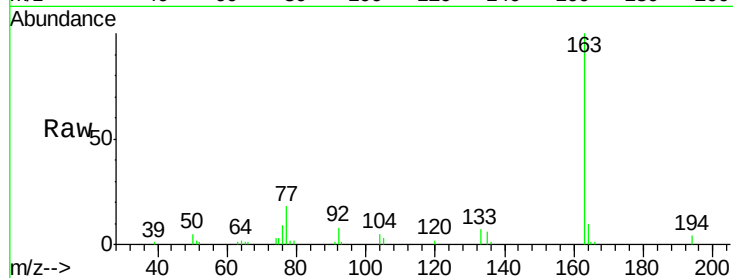




#45
Dimethylphthalate
Concen: 9.05 ng/ul
RT: 13.74 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BM004371.D
Acq: 24 Feb 2016 03:59

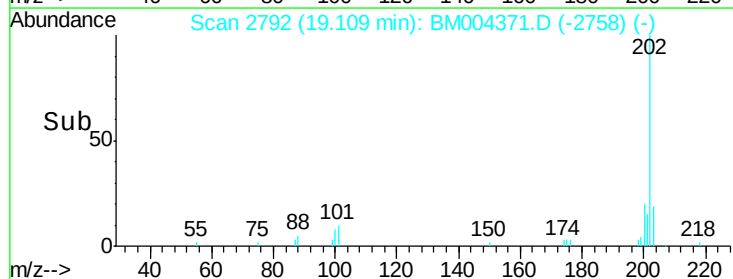
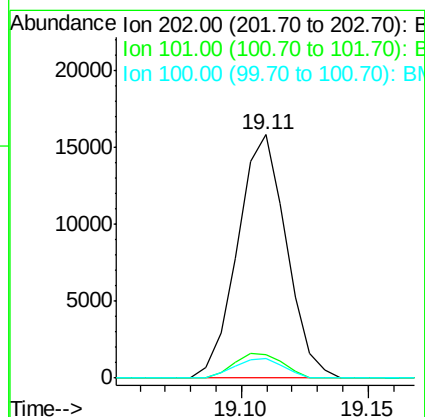
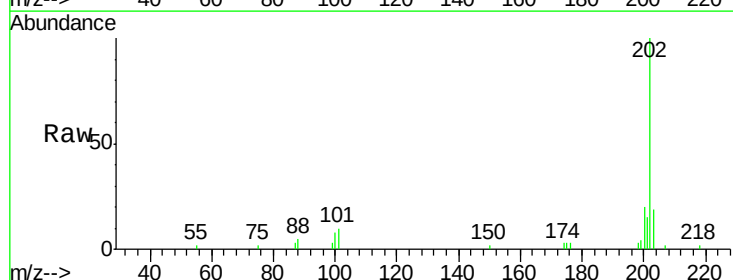
Instrument :
BNA_M
ClientSampleId :
0311-S33-0312

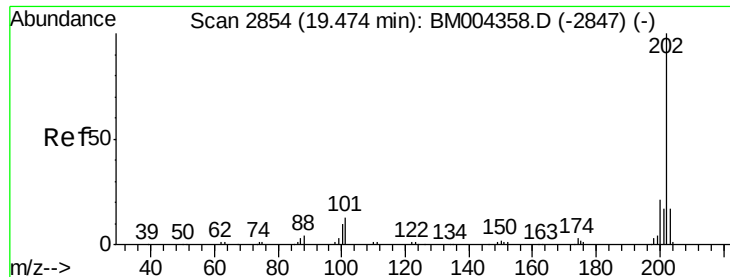
Tgt Ion:163 Resp: 66323
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.4 7.8 11.8



#77
Fluoranthene
Concen: 1.84 ng/ul
RT: 19.11 min Scan# 2792
Delta R.T. 0.00 min
Lab File: BM004371.D
Acq: 24 Feb 2016 03:59

Tgt Ion:202 Resp: 21216
Ion Ratio Lower Upper
202 100
101 9.7 8.8 13.2
100 7.9 6.6 9.8





#80

Pyrene

Concen: 2.37 ng/ul

RT: 19.47 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BM004371.D

Acq: 24 Feb 2016 03:59

Instrument :

BNA_M

ClientSampleId :

0311-S33-0312

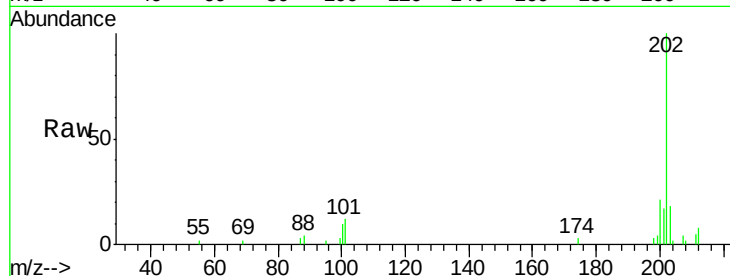
Tgt Ion:202 Resp: 20036

Ion Ratio Lower Upper

202 100

101 12.2 10.2 15.2

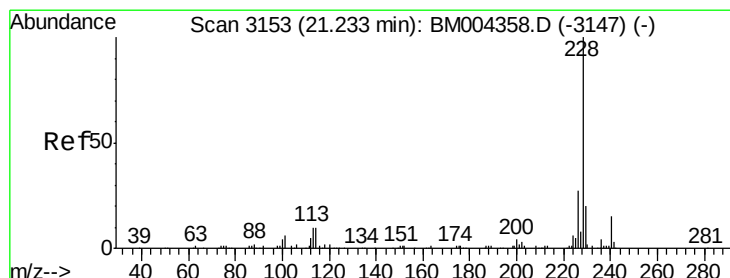
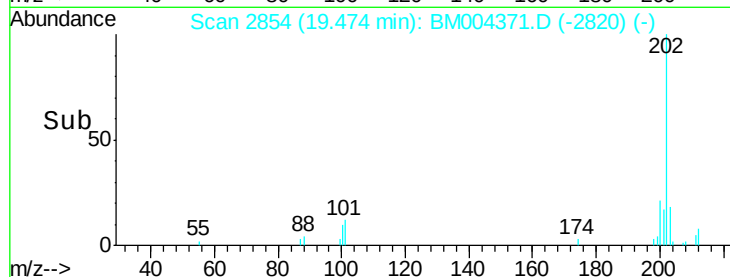
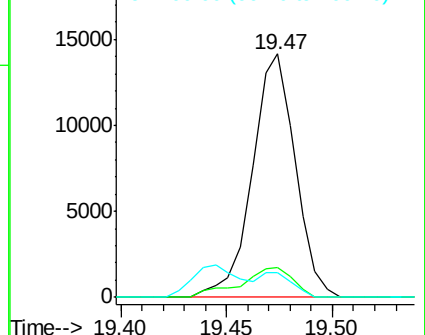
100 10.0 8.5 12.7



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



#83

Benzo(a)anthracene

Concen: 1.58 ng/ul

RT: 21.23 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BM004371.D

Acq: 24 Feb 2016 03:59

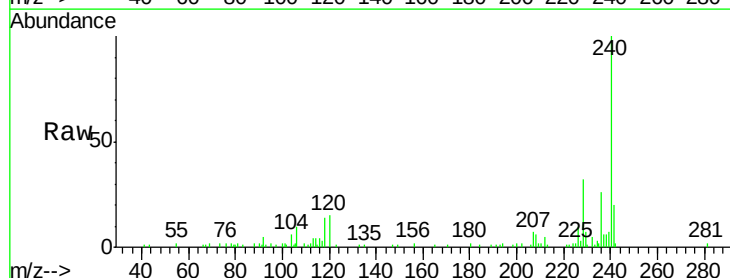
Tgt Ion:228 Resp: 13187

Ion Ratio Lower Upper

228 100

229 23.2 15.7 23.5

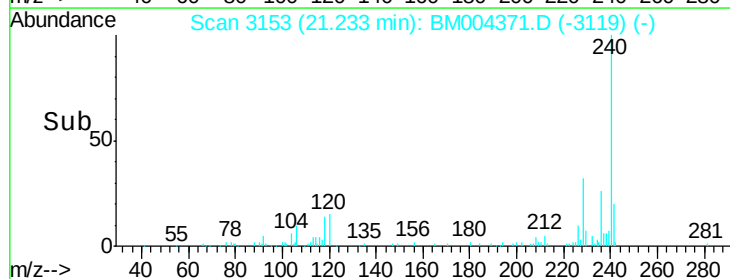
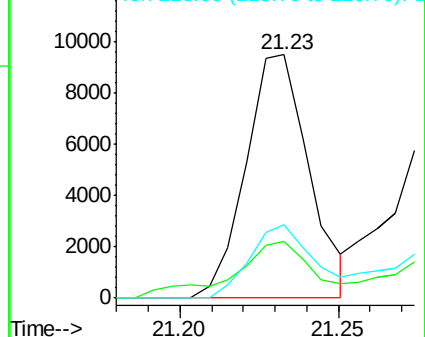
226 30.2 21.8 32.6

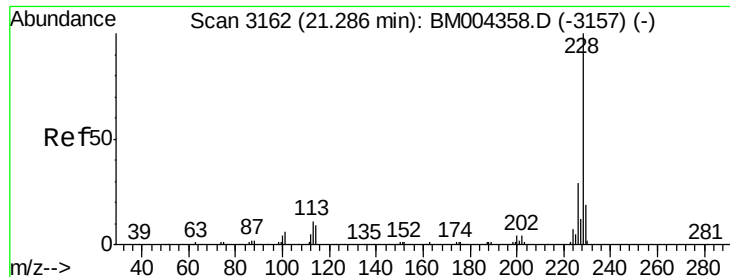


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#85

Chrysene

Concen: 1.70 ng/ul

RT: 21.28 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BM004371.D

Acq: 24 Feb 2016 03:59

Instrument :

BNA_M

ClientSampleId :

0311-S33-0312

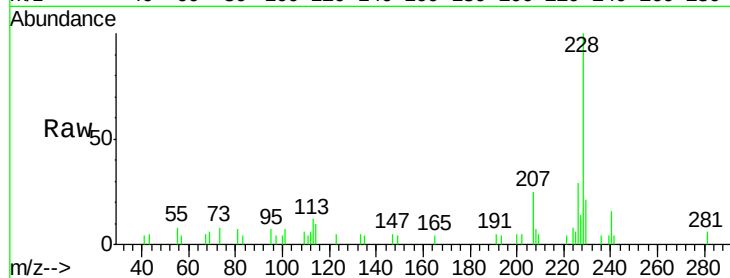
Tgt Ion:228 Resp: 13615

Ion Ratio Lower Upper

228 100

226 29.2 24.0 36.0

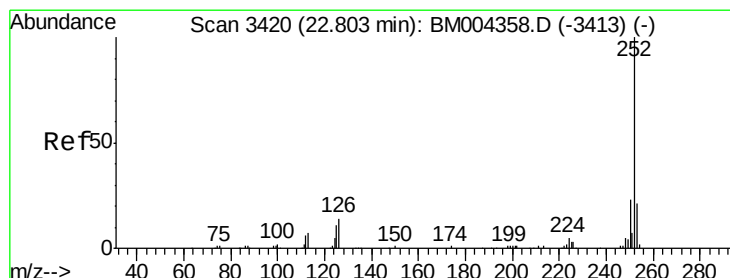
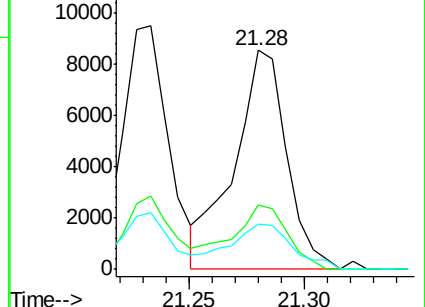
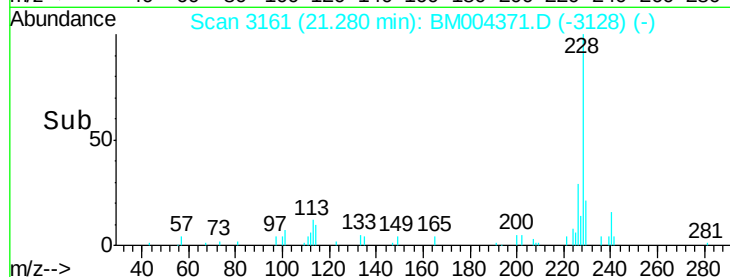
229 20.9 15.6 23.4



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



#88

Benzo(b)fluoranthene

Concen: 2.11 ng/ul

RT: 22.80 min Scan# 3420

Delta R.T. 0.00 min

Lab File: BM004371.D

Acq: 24 Feb 2016 03:59

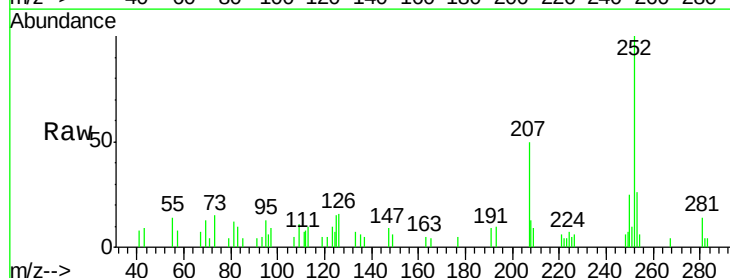
Tgt Ion:252 Resp: 17884

Ion Ratio Lower Upper

252 100

253 26.4 17.5 26.3#

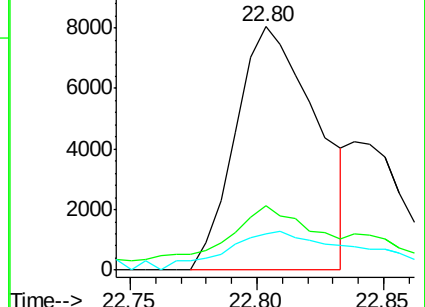
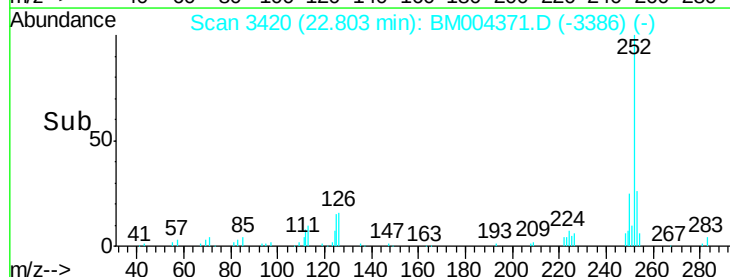
125 14.7 8.5 12.7#

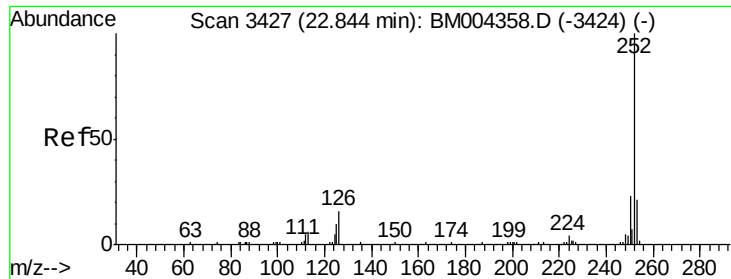


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 1.28 ng/ul

RT: 22.80 min Scan# 3420

Delta R.T. -0.04 min

Lab File: BM004371.D

Acq: 24 Feb 2016 03:59

Instrument :

BNA_M

ClientSampleId :

0311-S33-0312

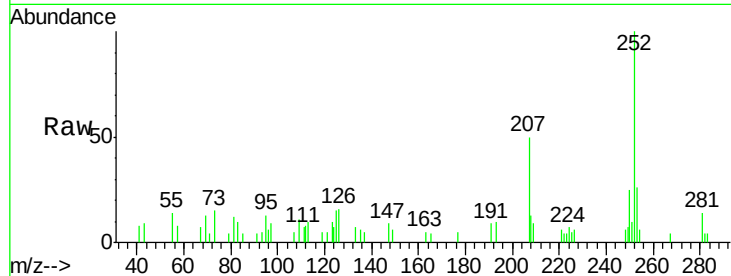
Tgt Ion:252 Resp: 10250

Ion Ratio Lower Upper

252 100

253 26.4 17.3 25.9#

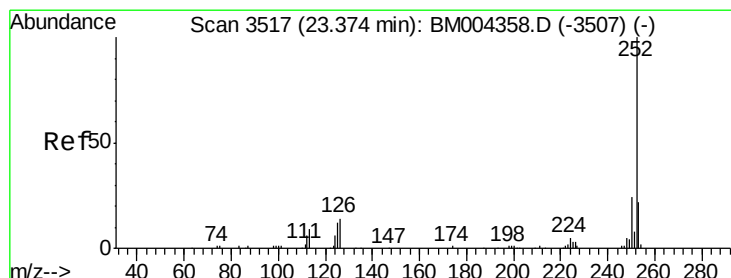
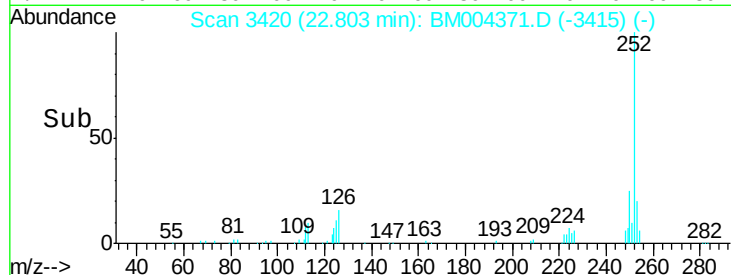
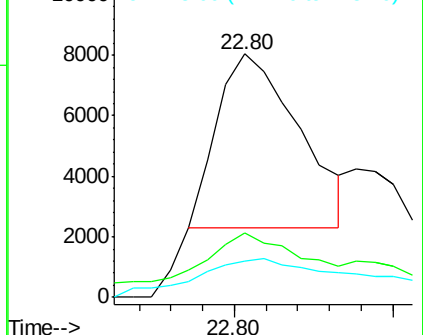
125 14.7 8.2 12.2#



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



#91

Benzo(a)pyrene

Concen: 1.62 ng/ul

RT: 23.37 min Scan# 3516

Delta R.T. -0.01 min

Lab File: BM004371.D

Acq: 24 Feb 2016 03:59

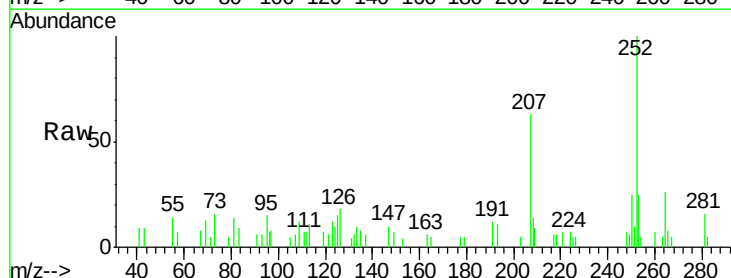
Tgt Ion:252 Resp: 12771

Ion Ratio Lower Upper

252 100

253 24.6 17.2 25.8

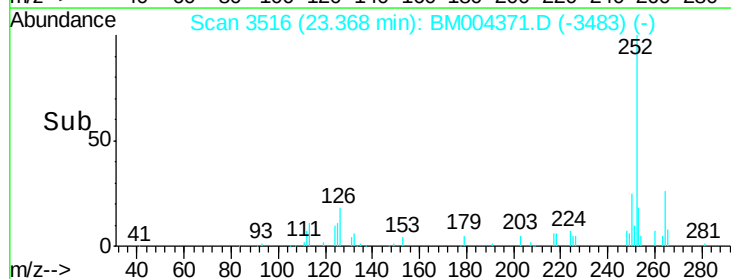
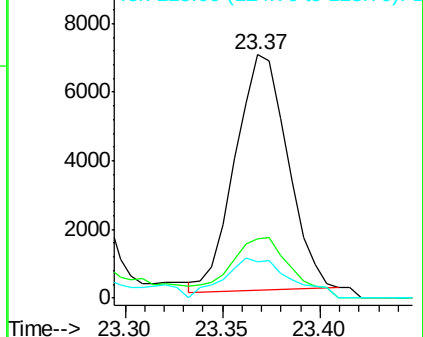
125 14.9 9.0 13.6#

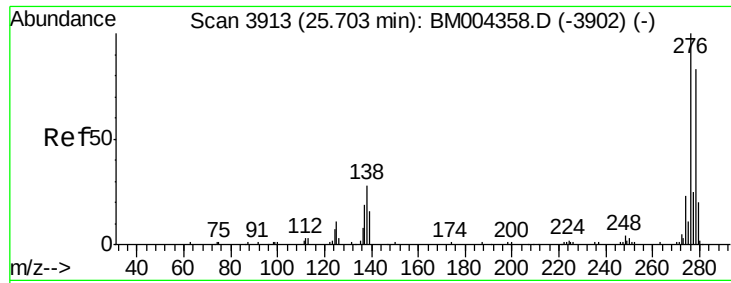


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#92

Indeno(1,2,3-cd)pyrene

Concen: 1.40 ng/ul

RT: 25.71 min Scan# 3914

Delta R.T. 0.01 min

Lab File: BM004371.D

Acq: 24 Feb 2016 03:59

Instrument :

BNA_M

ClientSampleId :

0311-S33-0312

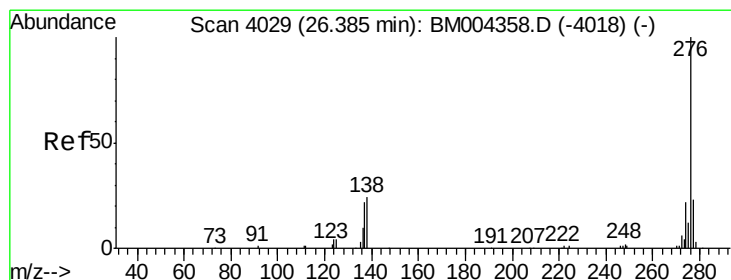
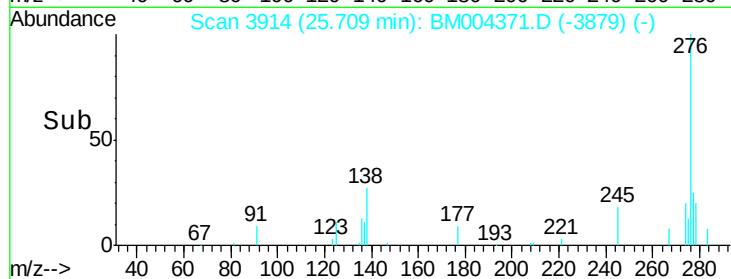
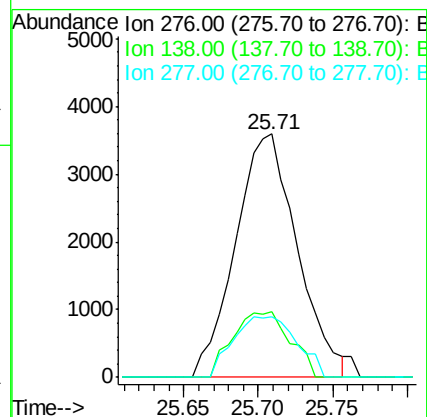
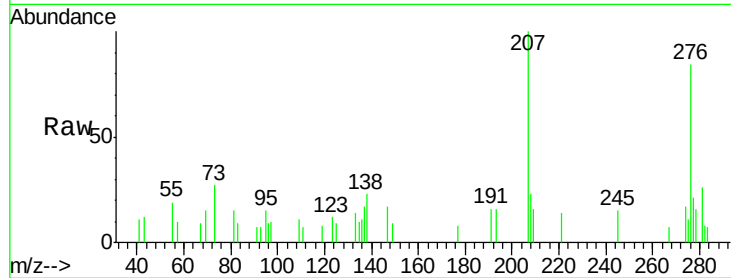
Tgt Ion:276 Resp: 10325

Ion Ratio Lower Upper

276 100

138 27.0 22.3 33.5

277 24.7 20.2 30.2



#94

Benzo(g,h,i)perylene

Concen: 1.87 ng/ul

RT: 26.39 min Scan# 4030

Delta R.T. 0.01 min

Lab File: BM004371.D

Acq: 24 Feb 2016 03:59

Tgt Ion:276 Resp: 11335

Ion Ratio Lower Upper

276 100

138 27.6 18.9 28.3

277 26.1 19.2 28.8

