

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120116\
 Data File : BM008130.D
 Acq On : 01 Dec 2016 10:03
 Operator : UM/SJ
 Sample : H5701-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4WD2

Quant Time: Dec 02 02:34:20 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM112916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 02 02:31:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	159013	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	635860	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	400710	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	750547	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	846936	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	838630	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	4996	1.55	ng/uL	0.00
5) Phenol-d5	6.88	99	104495	8.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.04	67	75260	11.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	83174	9.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	69389	7.53	ng/ul	0.01
19) Nitrobenzene-d5	8.86	128	51096	11.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	52394	10.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	88008	9.30	ng/ul	0.02
29) 4-Chloroaniline-d4	10.65	131	77204	8.38	ng/ul	0.02
43) Dimethylphthalate-d6	13.76	166	305101	11.81	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	392980	12.39	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	6527	1.64	ng/ul	0.05
57) Fluorene-d10	15.33	176	286863	12.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.49	200	25418	5.70	ng/ul	0.01
70) Anthracene-d10	17.19	188	369617	11.45	ng/ul	0.00
76) Pyrene-d10	19.49	212	431611	12.59	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	575880	16.48	ng/ul	0.00

Target Compounds

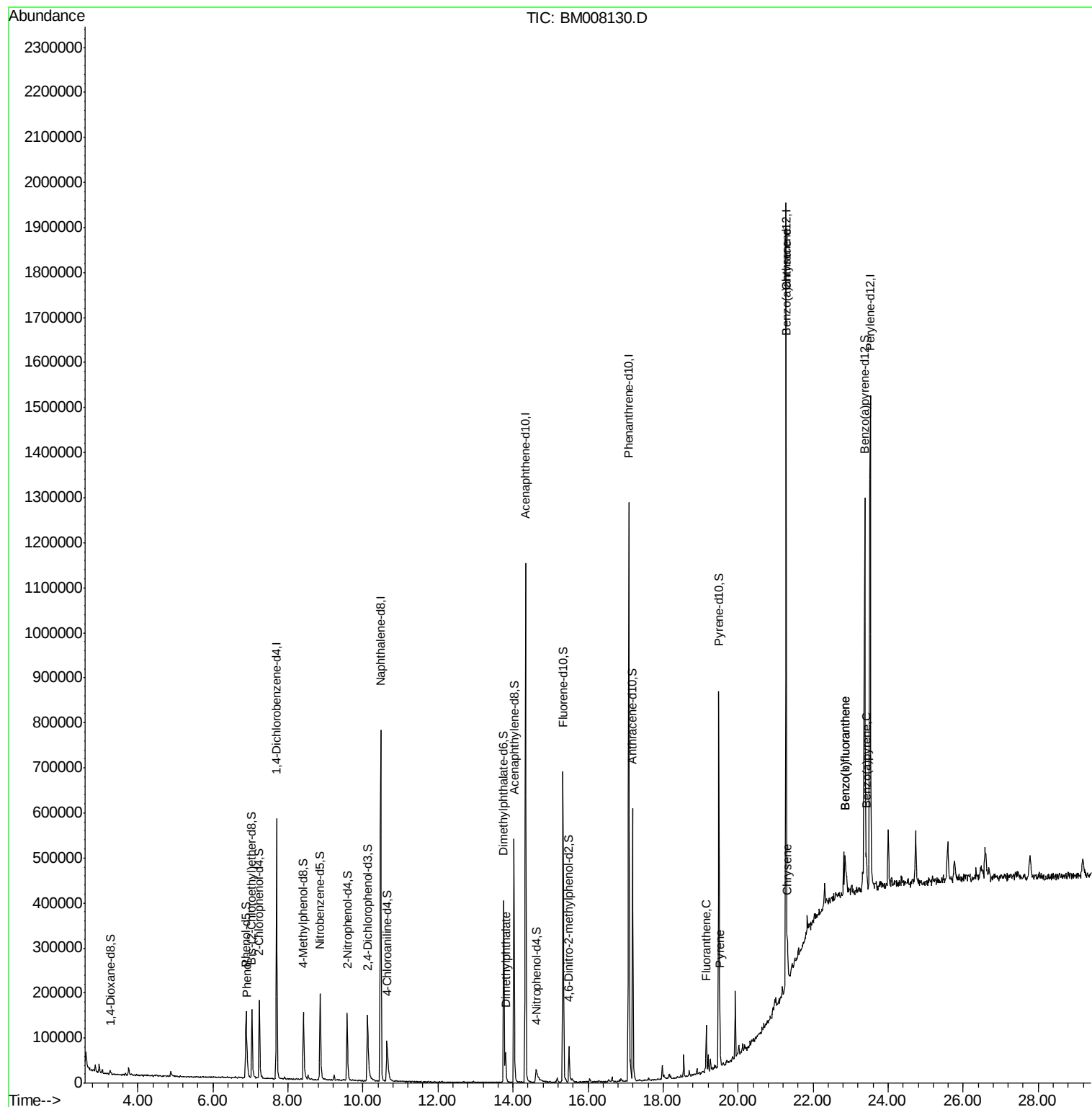
						Qvalue
6) Phenol	6.91	94	26741	2.20	ng/ul	98
44) Dimethylphthalate	13.80	163	46536	1.84	ng/ul	96
74) Fluoranthene	19.15	202	65417	1.50	ng/ul#	97
77) Pyrene	19.52	202	62598	1.44	ng/ul	97
80) Benzo(a)anthracene	21.27	228	44576	1.02	ng/ul	98
82) Chrysene	21.32	228	51323	1.24	ng/ul	96
85) Benzo(b)fluoranthene	22.85	252	71993	1.60	ng/ul#	92
86) Benzo(k)fluoranthene	22.85	252	71993	1.70	ng/ul#	93
88) Benzo(a)pyrene	23.42	252	46936	1.09	ng/ul	93

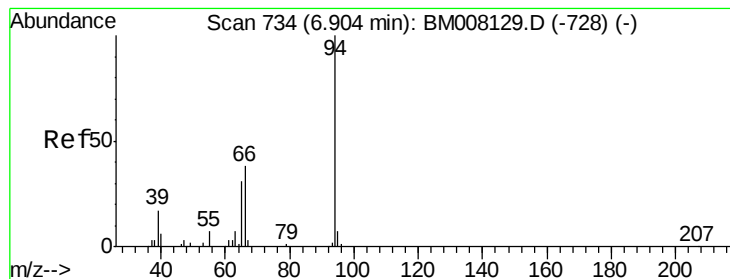
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 02 02:31:11 2016
Response via : Initial Calibration





#6

Phenol

Concen: 2.20 ng/ul

RT: 6.91 min Scan# 735

Delta R.T. 0.01 min

Lab File: BM008130.D

Acq: 01 Dec 2016 10:03

Instrument :

BNA_M

ClientSampleId :

A4WD2

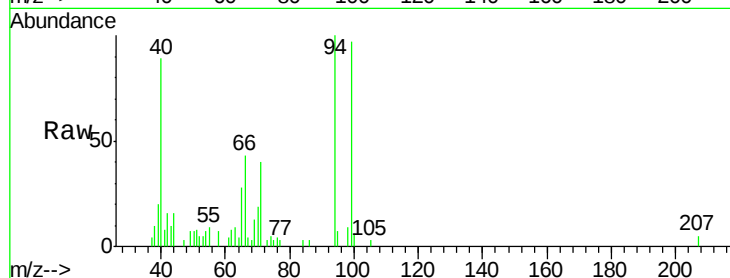
Tgt Ion: 94 Resp: 26741

Ion Ratio Lower Upper

94 100

65 28.1 23.1 34.7

66 43.2 33.7 50.5

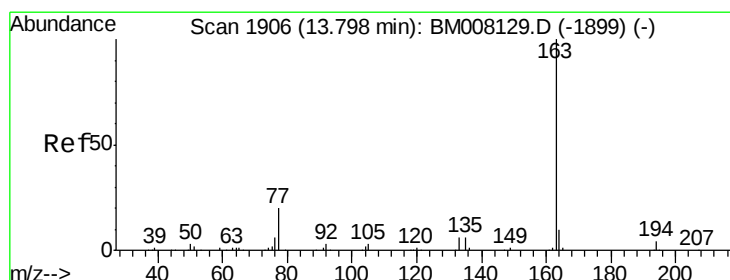
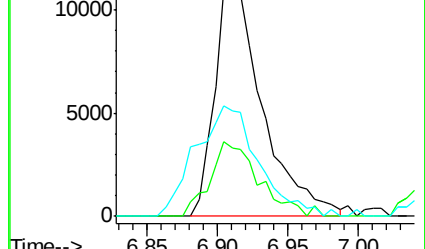
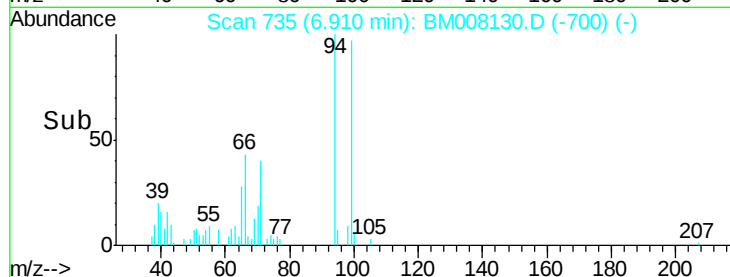


Abundance Ion 94.00 (93.70 to 94.70): BM008130.D (-700) (-)

Ion 65.00 (64.70 to 65.70): BM008130.D (-700) (-)

Ion 66.00 (65.70 to 66.70): BM008130.D (-700) (-)

Time-->



#44

Dimethylphthalate

Concen: 1.84 ng/ul

RT: 13.80 min Scan# 1907

Delta R.T. 0.01 min

Lab File: BM008130.D

Acq: 01 Dec 2016 10:03

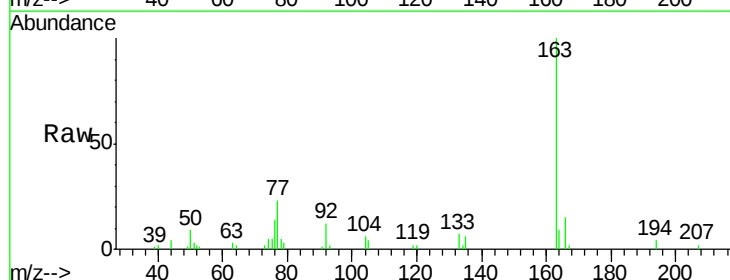
Tgt Ion:163 Resp: 46536

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

164 8.5 8.2 12.4

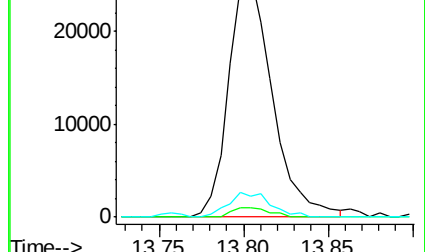
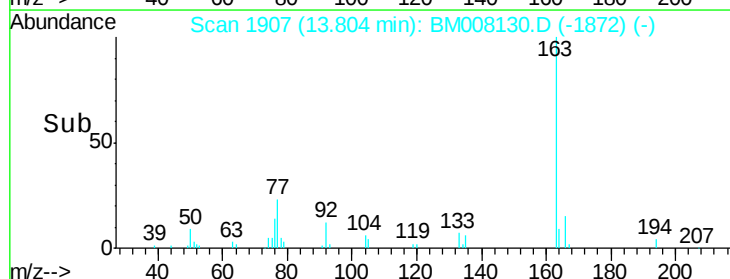


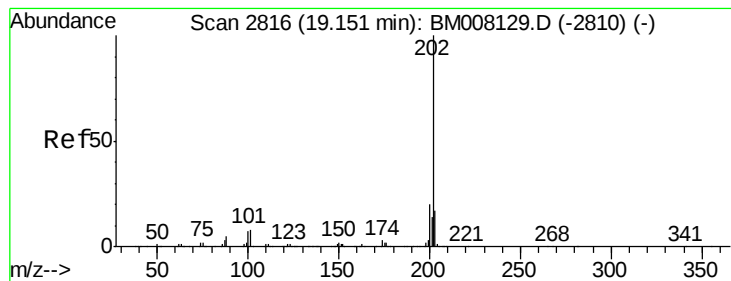
Abundance Ion 163.00 (162.70 to 163.70): BM008130.D (-1872) (-)

Ion 194.00 (193.70 to 194.70): BM008130.D (-1872) (-)

Ion 164.00 (163.70 to 164.70): BM008130.D (-1872) (-)

Time-->





#74

Fluoranthene

Concen: 1.50 ng/ul

RT: 19.15 min Scan# 2816

Delta R.T. 0.00 min

Lab File: BM008130.D

Acq: 01 Dec 2016 10:03

Instrument :

BNA_M

ClientSampleId :

A4WD2

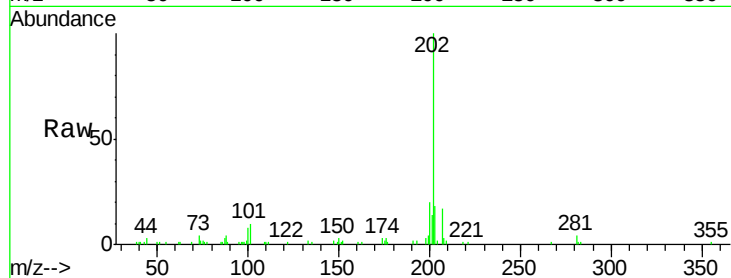
Tgt Ion:202 Resp: 65417

Ion Ratio Lower Upper

202 100

101 9.9 7.1 10.7

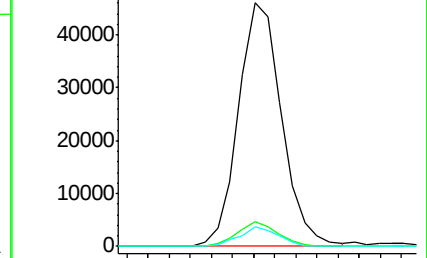
100 8.1 5.4 8.0#



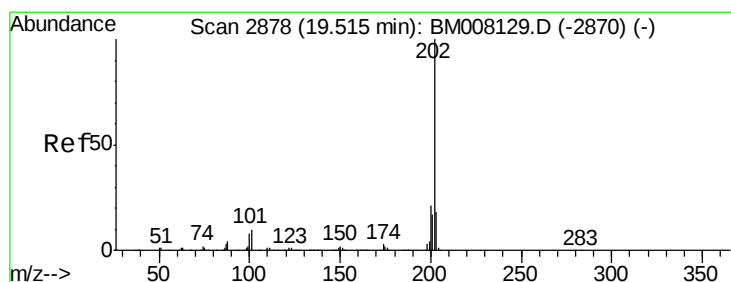
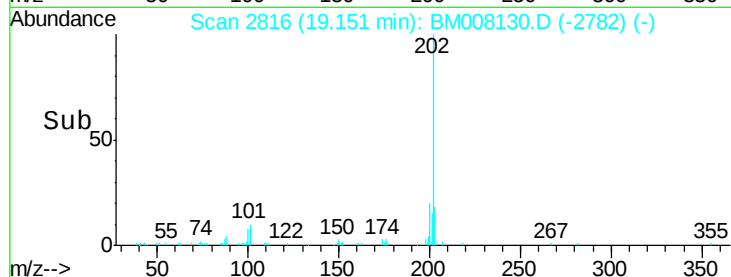
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->



#77

Pyrene

Concen: 1.44 ng/ul

RT: 19.52 min Scan# 2878

Delta R.T. 0.00 min

Lab File: BM008130.D

Acq: 01 Dec 2016 10:03

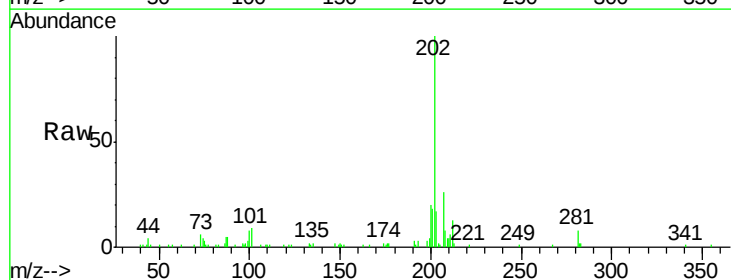
Tgt Ion:202 Resp: 62598

Ion Ratio Lower Upper

202 100

101 8.9 8.6 12.8

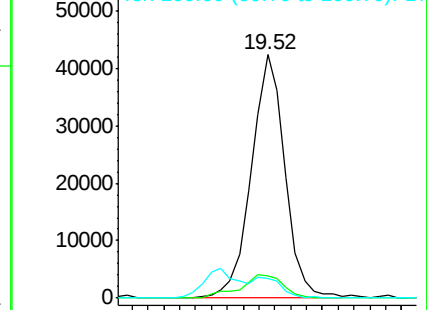
100 8.2 6.5 9.7



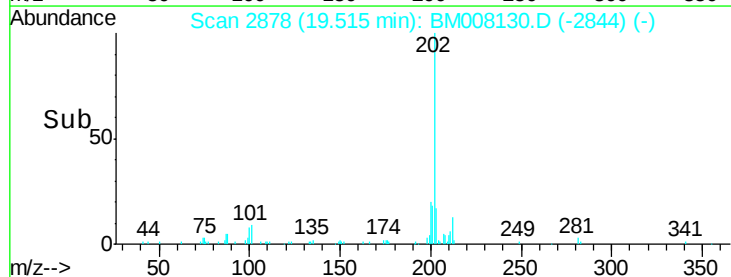
Abundance Ion 202.00 (201.70 to 202.70): E

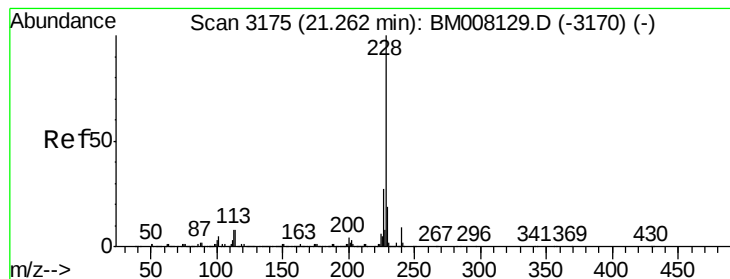
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->





#80

Benzo(a)anthracene

Concen: 1.02 ng/ul

RT: 21.27 min Scan# 3176

Delta R.T. 0.01 min

Lab File: BM008130.D

Acq: 01 Dec 2016 10:03

Instrument :

BNA_M

ClientSampleId :

A4WD2

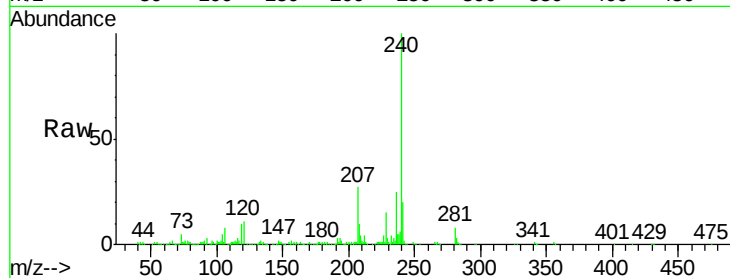
Tgt Ion:228 Resp: 44576

Ion Ratio Lower Upper

228 100

229 21.0 15.8 23.6

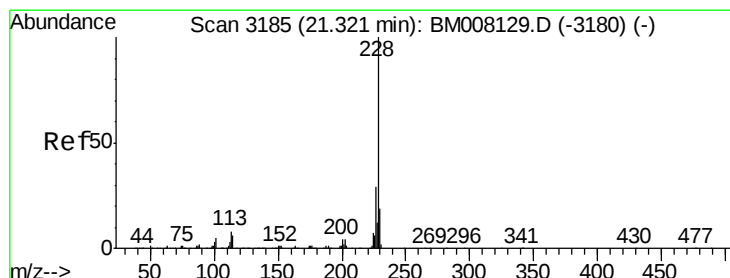
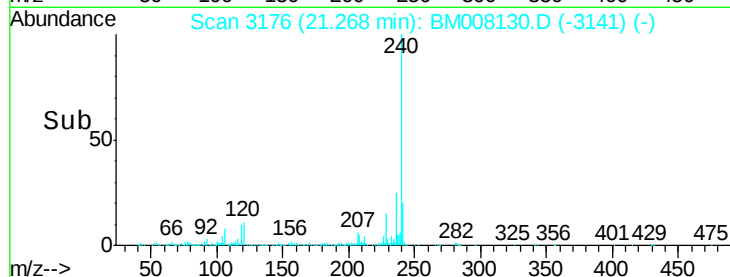
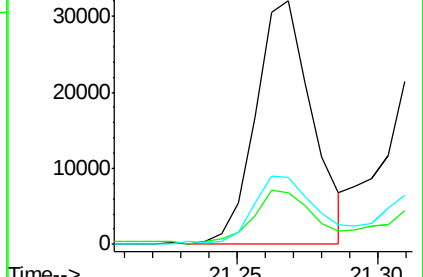
226 27.3 21.3 31.9



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



#82

Chrysene

Concen: 1.24 ng/ul

RT: 21.32 min Scan# 3184

Delta R.T. -0.01 min

Lab File: BM008130.D

Acq: 01 Dec 2016 10:03

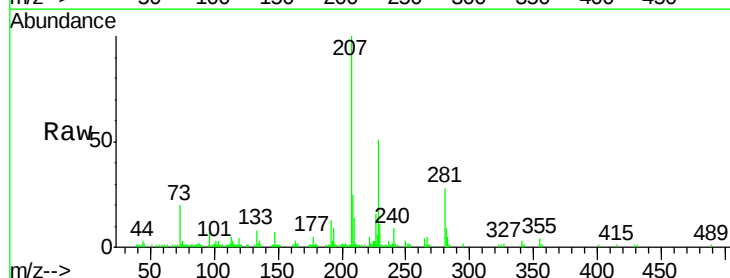
Tgt Ion:228 Resp: 51323

Ion Ratio Lower Upper

228 100

226 30.8 23.4 35.0

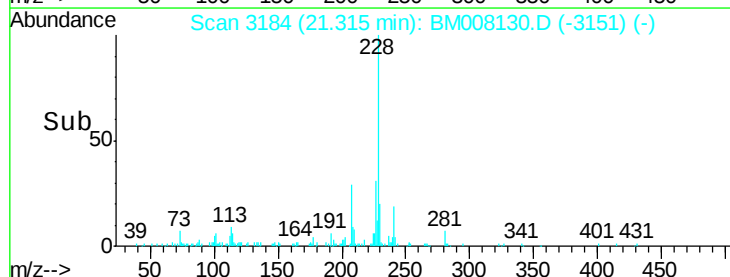
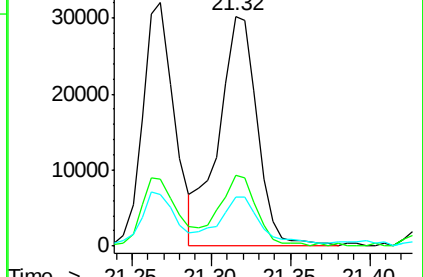
229 21.5 15.4 23.0

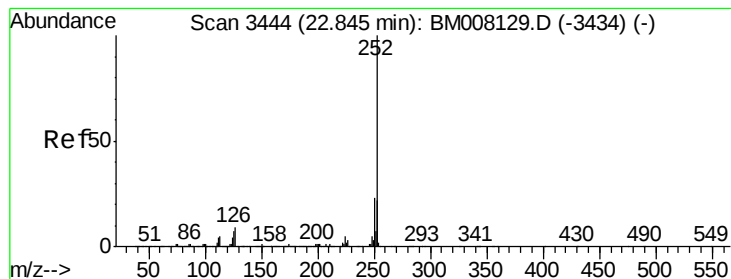


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 1.60 ng/ul

RT: 22.85 min Scan# 3445

Delta R.T. 0.01 min

Lab File: BM008130.D

Acq: 01 Dec 2016 10:03

Instrument :

BNA_M

ClientSampleId :

A4WD2

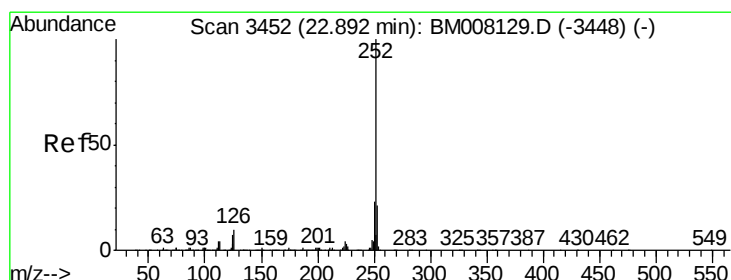
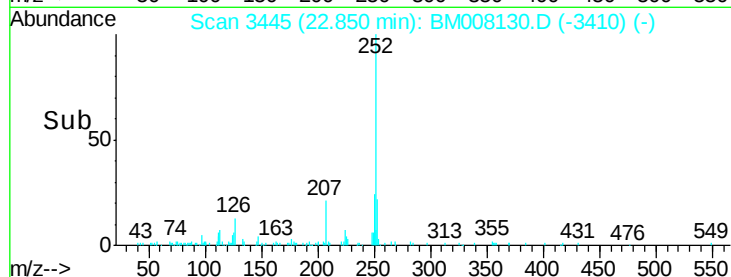
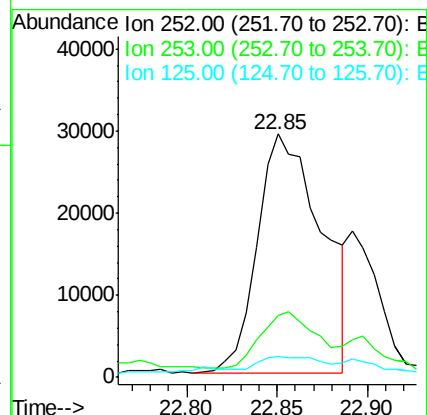
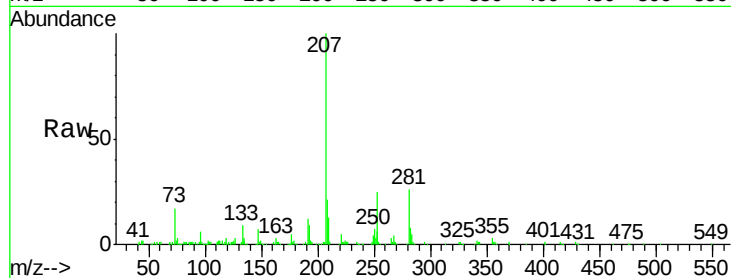
Tgt Ion:252 Resp: 71993

Ion Ratio Lower Upper

252 100

253 25.7 17.0 25.6#

125 8.3 5.6 8.4



#86

Benzo(k)fluoranthene

Concen: 1.70 ng/ul

RT: 22.85 min Scan# 3445

Delta R.T. -0.04 min

Lab File: BM008130.D

Acq: 01 Dec 2016 10:03

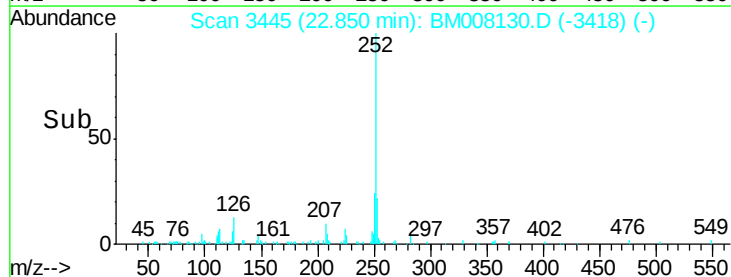
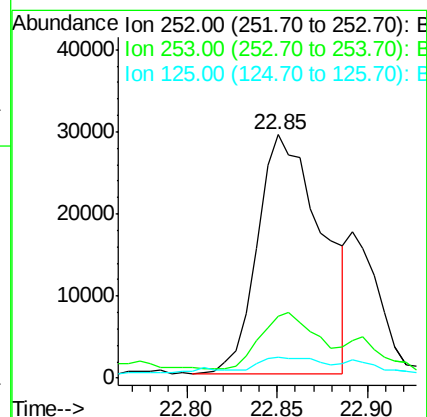
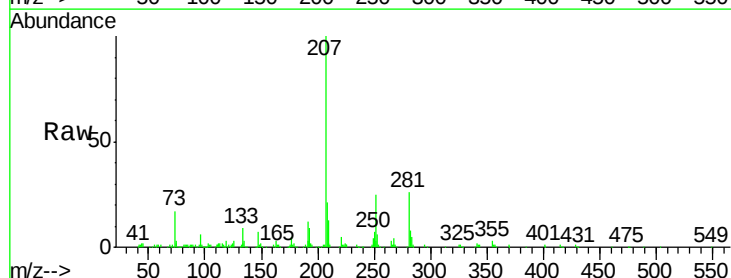
Tgt Ion:252 Resp: 71993

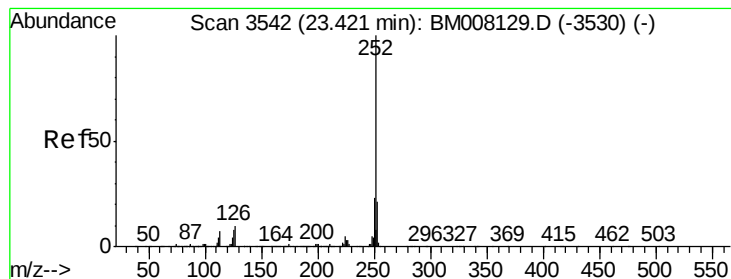
Ion Ratio Lower Upper

252 100

253 25.7 17.8 26.6

125 8.3 5.5 8.3#





#88

Benzo(a)pyrene

Concen: 1.09 ng/ul

RT: 23.42 min Scan# 3542

Delta R.T. 0.00 min

Lab File: BM008130.D

Acq: 01 Dec 2016 10:03

Instrument :

BNA_M

ClientSampleId :

A4WD2

Tgt Ion: 252 Resp: 46936

Ion Ratio Lower Upper

252 100

253 25.7 17.4 26.0

125 8.8 6.2 9.2

