

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
 Data File : BM007834.D
 Acq On : 11 Nov 2016 20:10
 Operator : UM/SJ
 Sample : H5610-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BD4L6

Quant Time: Nov 12 03:16:12 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 12 03:12:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	173458	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	672552	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	439414	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	880610	20.00	ng/ul	0.00
75) Chrysene-d12	21.31	240	1141590	20.00	ng/ul	0.00
83) Perylene-d12	23.56	264	1170727	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	15673	3.87	ng/uL	0.00
5) Phenol-d5	6.92	99	274187	20.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	174178	21.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	220196	21.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	208901	19.94	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	106320	21.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	111396	21.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	204391	20.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	194614	16.91	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	657167	21.96	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	782554	21.73	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	72348	15.29	ng/ul	0.00
57) Fluorene-d10	15.37	176	577316	22.02	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	70457	13.47	ng/ul	0.00
70) Anthracene-d10	17.22	188	877812	22.12	ng/ul	0.00
76) Pyrene-d10	19.52	212	1054538	22.48	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.41	264	1145774	22.42	ng/ul	0.00

Target Compounds

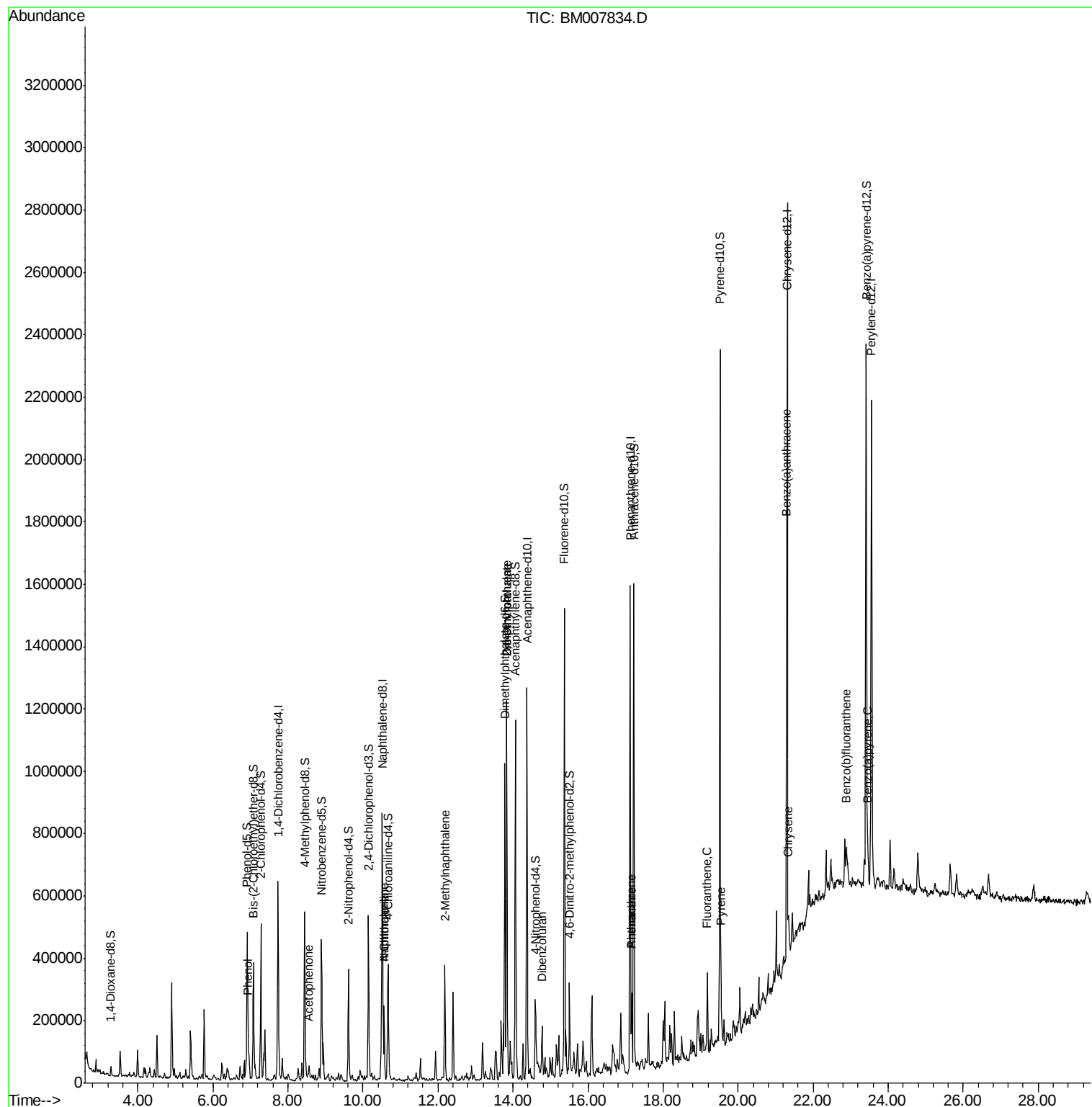
						Qvalue
6) Phenol	6.95	94	39955	2.91	ng/ul	97
14) Acetophenone	8.56	105	18397	1.12	ng/ul	97
28) Naphthalene	10.57	128	188154	5.75	ng/ul	99
30) 4-Chloroaniline	10.57	127	24453	2.09	ng/ul#	22
34) 2-Methylnaphthalene	12.18	142	176834	7.60	ng/ul	99
44) Dimethylphthalate	13.83	163	712064	24.51	ng/ul	100
45) 2,6-Dinitrotoluene	13.83	165	7856	1.44	ng/ul#	54
53) Dibenzofuran	14.77	168	62568	1.73	ng/ul	97
69) Phenanthrene	17.16	178	148638	3.18	ng/ul	99
71) Anthracene	17.16	178	148638	3.12	ng/ul	99
74) Fluoranthene	19.18	202	121389	2.22	ng/ul#	97
77) Pyrene	19.54	202	122452	2.08	ng/ul	98
80) Benzo(a)anthracene	21.29	228	85950	1.41	ng/ul#	95
82) Chrysene	21.34	228	99793	1.70	ng/ul#	91
85) Benzo(b)fluoranthene	22.89	252	108915	1.63	ng/ul#	94
88) Benzo(a)pyrene	23.46	252	73302	1.16	ng/ul#	91

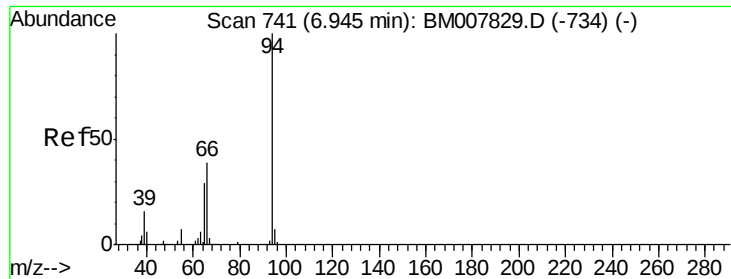
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 12 03:12:55 2016
Response via : Initial Calibration





#6

Phenol

Concen: 2.91 ng/ul

RT: 6.95 min Scan# 741

Delta R.T. -0.00 min

Lab File: BM007834.D

Acq: 11 Nov 2016 20:10

Instrument :

BNA_M

ClientSampleId :

BD4L6

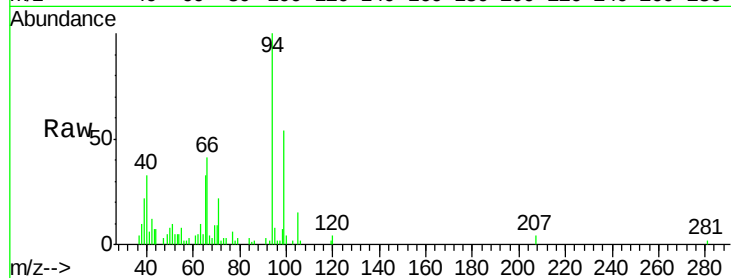
Tgt Ion: 94 Resp: 39955

Ion Ratio Lower Upper

94 100

65 33.1 23.9 35.9

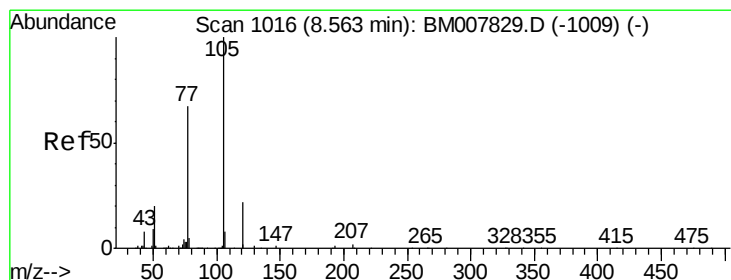
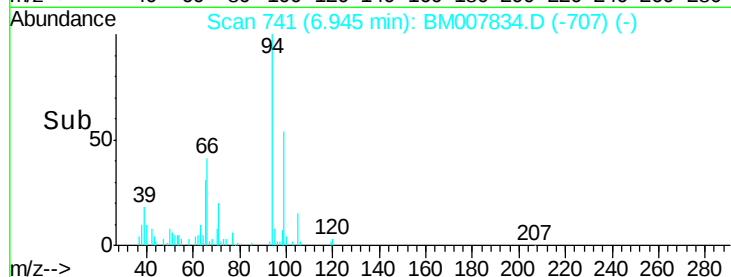
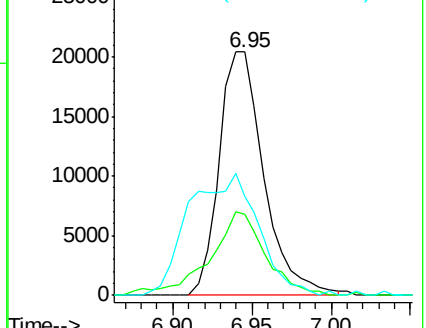
66 40.9 33.5 50.3



Abundance Ion 94.00 (93.70 to 94.70): BM007834.D (-741) (-)

Ion 65.00 (64.70 to 65.70): BM007834.D (-741) (-)

Ion 66.00 (65.70 to 66.70): BM007834.D (-741) (-)



#14

Acetophenone

Concen: 1.12 ng/ul

RT: 8.56 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BM007834.D

Acq: 11 Nov 2016 20:10

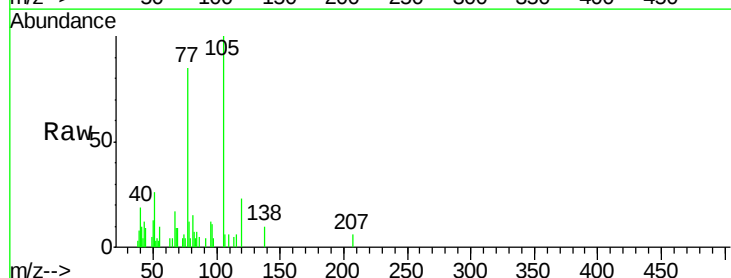
Tgt Ion: 105 Resp: 18397

Ion Ratio Lower Upper

105 100

77 84.9 65.9 98.9

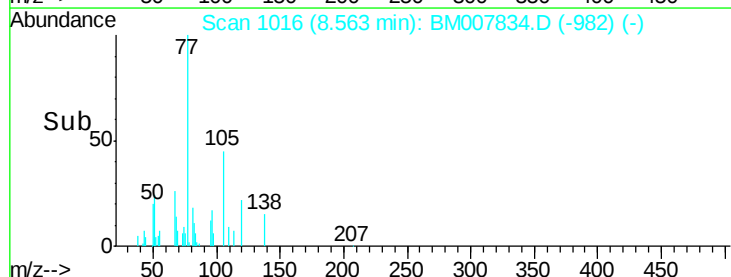
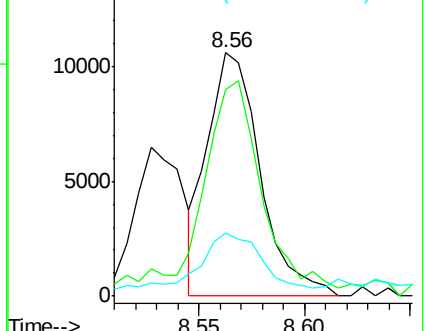
51 25.8 22.2 33.2

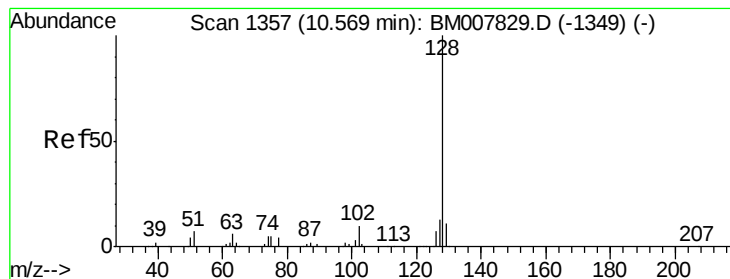


Abundance Ion 105.00 (104.70 to 105.70): BM007834.D (-1016) (-)

Ion 77.00 (76.70 to 77.70): BM007834.D (-1016) (-)

Ion 51.00 (50.70 to 51.70): BM007834.D (-1016) (-)





#28

Naphthalene

Concen: 5.75 ng/ul

RT: 10.57 min Scan# 1357

Delta R.T. -0.00 min

Lab File: BM007834.D

Acq: 11 Nov 2016 20:10

Instrument :

BNA_M

ClientSampleId :

BD4L6

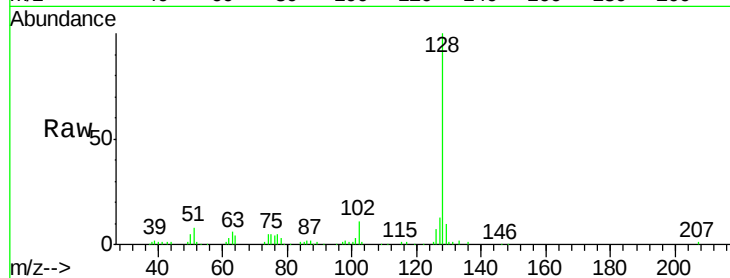
Tgt Ion:128 Resp: 188154

Ion Ratio Lower Upper

128 100

129 9.8 8.6 12.8

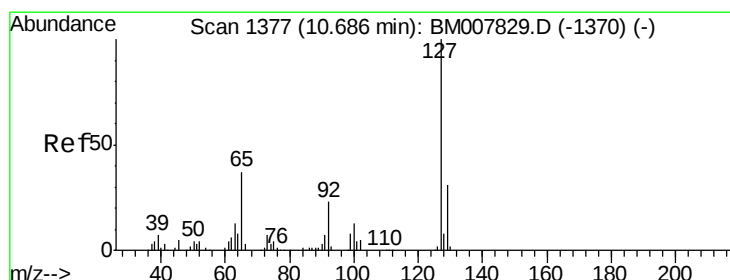
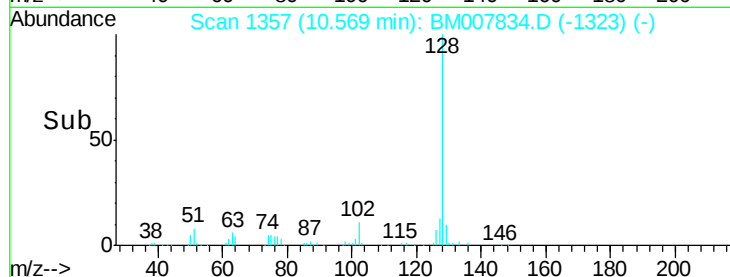
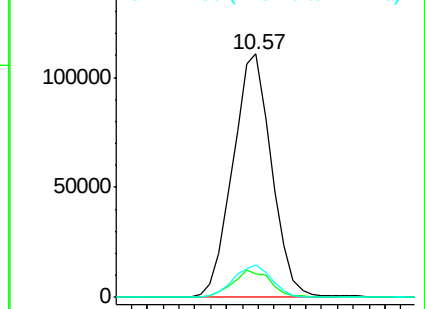
127 13.3 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#30

4-Chloroaniline

Concen: 2.09 ng/ul

RT: 10.57 min Scan# 1357

Delta R.T. -0.12 min

Lab File: BM007834.D

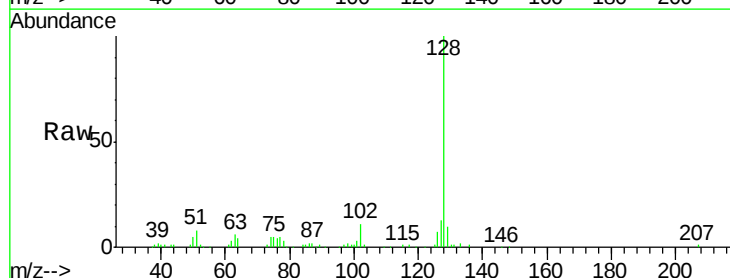
Acq: 11 Nov 2016 20:10

Tgt Ion:127 Resp: 24453

Ion Ratio Lower Upper

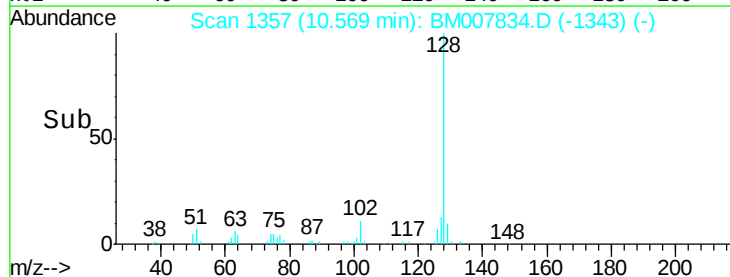
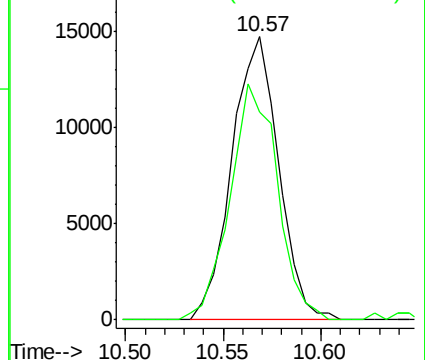
127 100

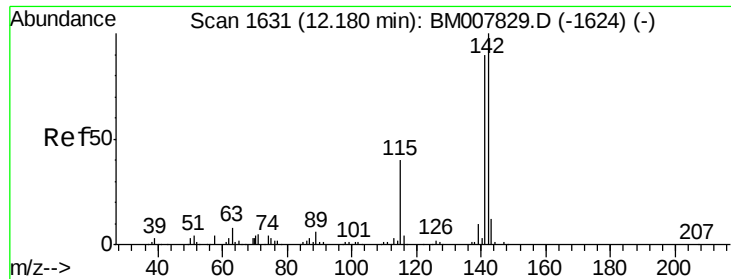
129 73.6 24.6 37.0#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

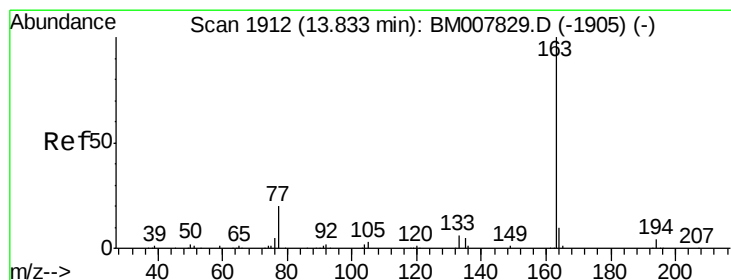
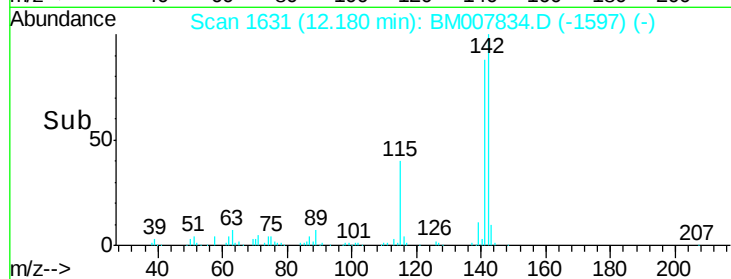
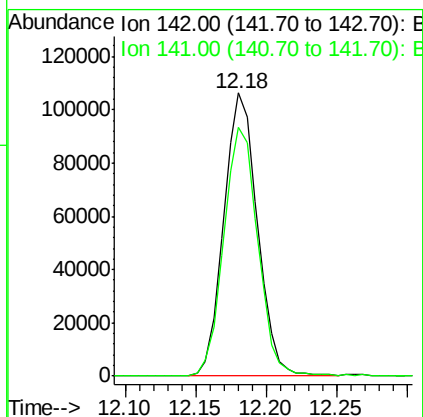
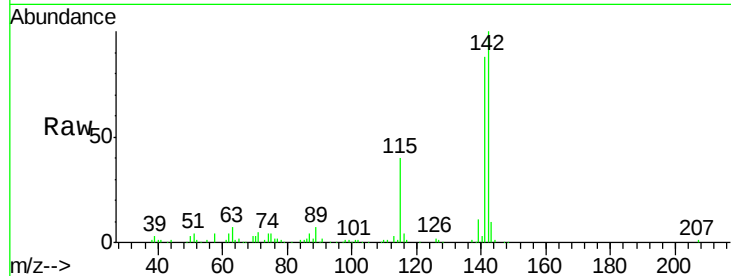




#34
 2-Methylnaphthalene
 Concen: 7.60 ng/ul
 RT: 12.18 min Scan# 1631
 Delta R.T. -0.00 min
 Lab File: BM007834.D
 Acq: 11 Nov 2016 20:10

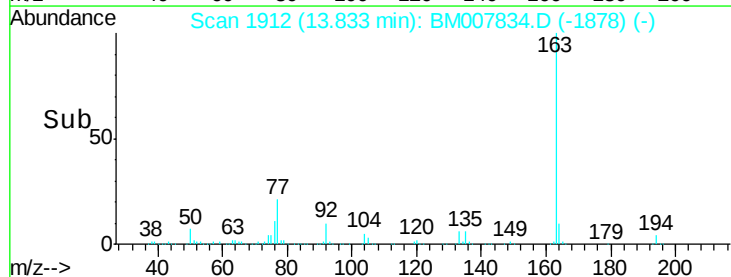
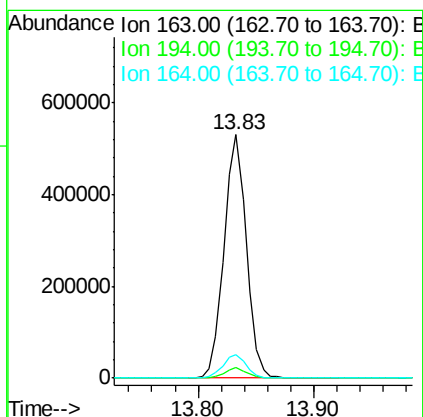
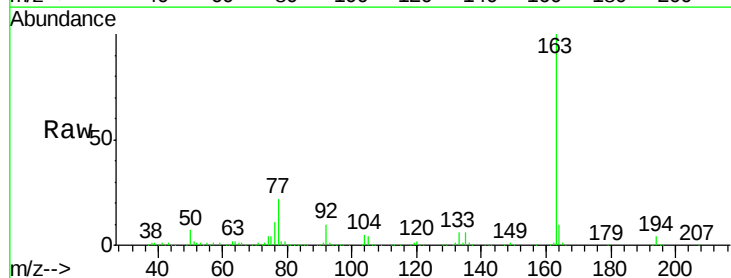
Instrument :
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 BD4L6

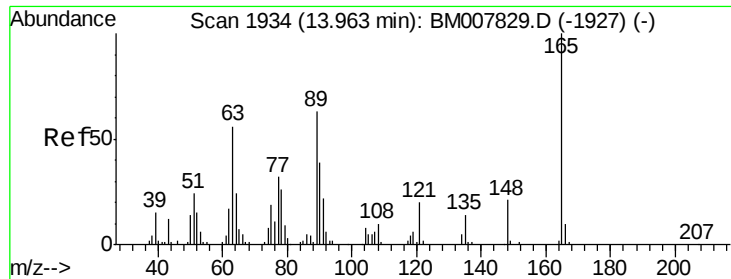
Tgt Ion:142 Resp: 176834
 Ion Ratio Lower Upper
 142 100
 141 87.9 71.3 106.9



#44
 Dimethylphthalate
 Concen: 24.51 ng/ul
 RT: 13.83 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: BM007834.D
 Acq: 11 Nov 2016 20:10

Tgt Ion:163 Resp: 712064
 Ion Ratio Lower Upper
 163 100
 194 4.3 3.4 5.2
 164 9.7 7.8 11.8

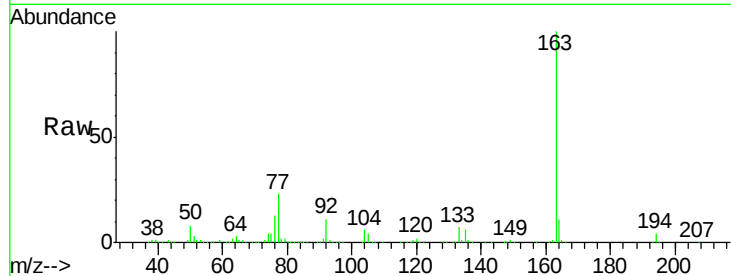




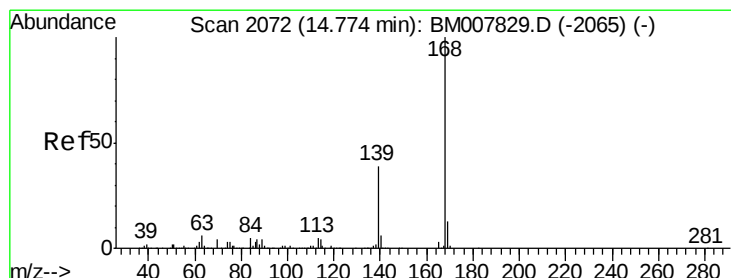
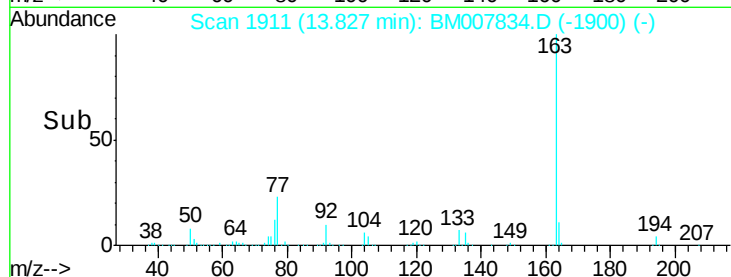
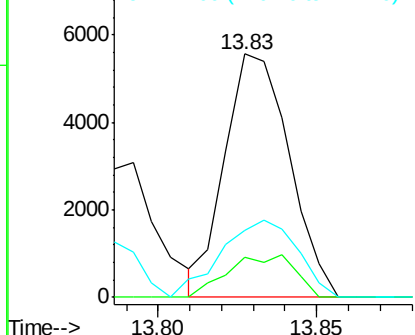
#45
 2,6-Dinitrotoluene
 Concen: 1.44 ng/ul
 RT: 13.83 min Scan# 1911
 Delta R.T. -0.14 min
 Lab File: BM007834.D
 Acq: 11 Nov 2016 20:10

Instrument :
 BNA_M
 ClientSampleId :
 BD4L6

Tgt Ion:165 Resp: 7856
 Ion Ratio Lower Upper
 165 100
 89 16.6 46.6 69.8#
 121 27.8 16.0 24.0#

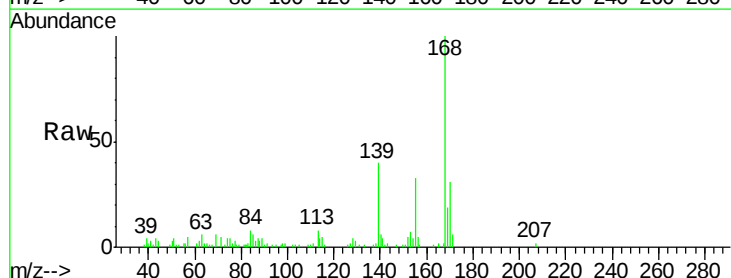


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 89.00 (88.70 to 89.70): BM0
 Ion 121.00 (120.70 to 121.70): E

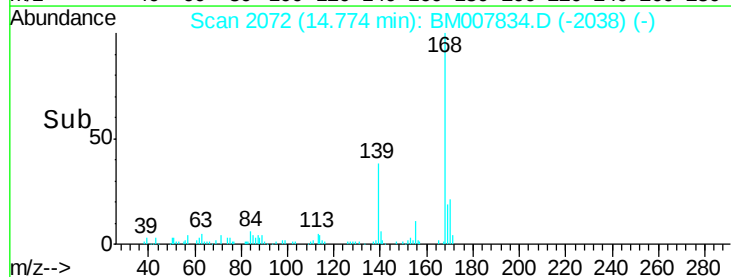
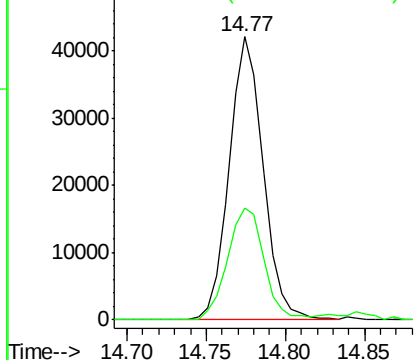


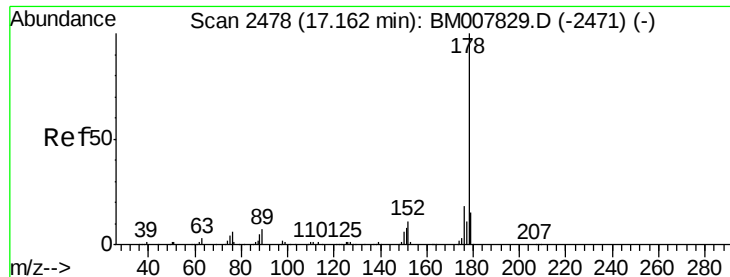
#53
 Dibenzofuran
 Concen: 1.73 ng/ul
 RT: 14.77 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: BM007834.D
 Acq: 11 Nov 2016 20:10

Tgt Ion:168 Resp: 62568
 Ion Ratio Lower Upper
 168 100
 139 39.6 30.1 45.1



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E





#69

Phenanthrene

Concen: 3.18 ng/ul

RT: 17.16 min Scan# 2478

Delta R.T. -0.00 min

Lab File: BM007834.D

Acq: 11 Nov 2016 20:10

Instrument :

BNA_M

ClientSampleId :

BD4L6

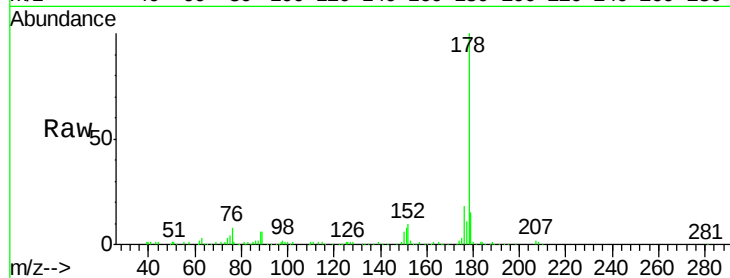
Tgt Ion:178 Resp: 148638

Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.2

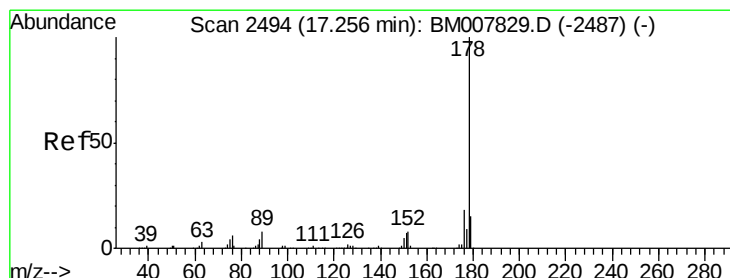
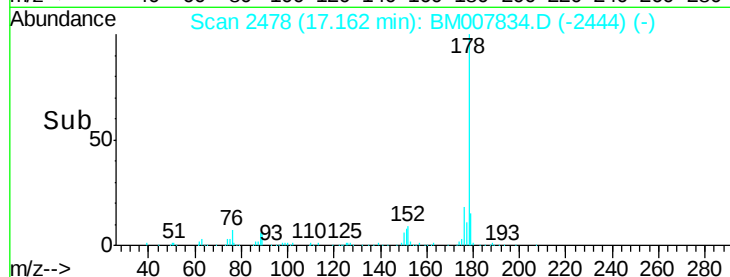
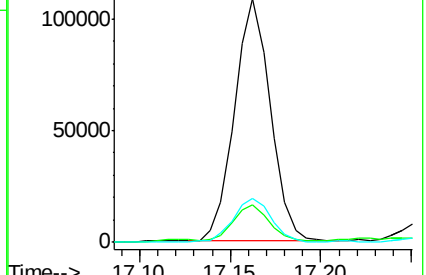
176 17.8 15.1 22.7



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



#71

Anthracene

Concen: 3.12 ng/ul

RT: 17.16 min Scan# 2478

Delta R.T. -0.09 min

Lab File: BM007834.D

Acq: 11 Nov 2016 20:10

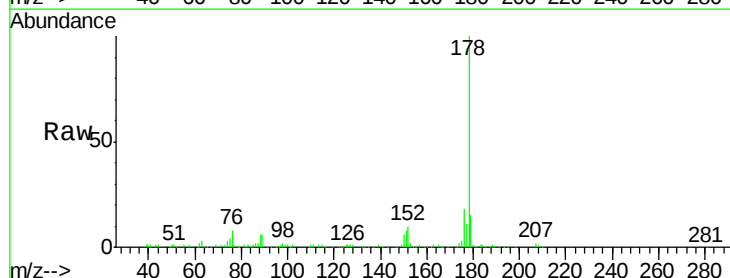
Tgt Ion:178 Resp: 148638

Ion Ratio Lower Upper

178 100

179 15.4 12.1 18.1

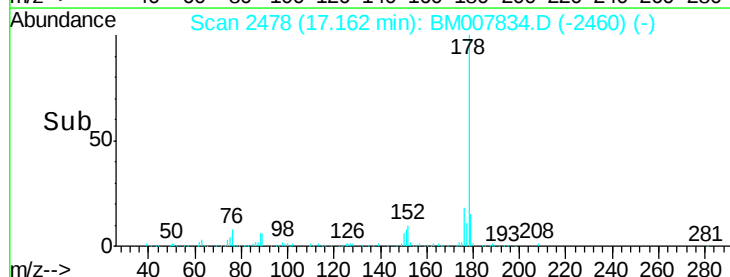
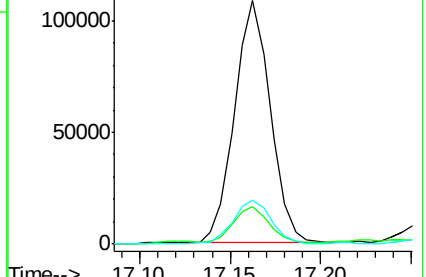
176 17.8 14.5 21.7

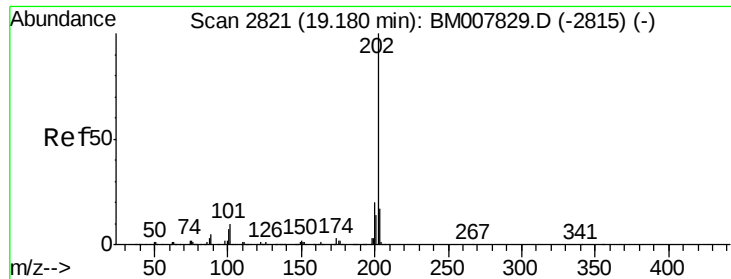


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

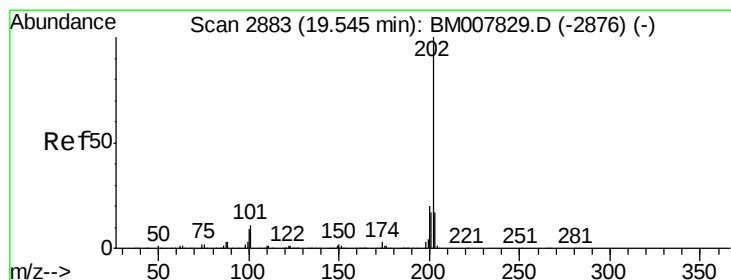
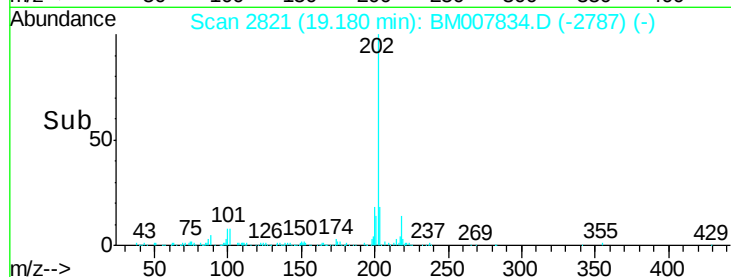
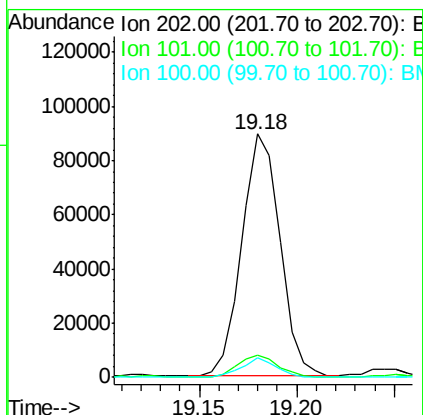
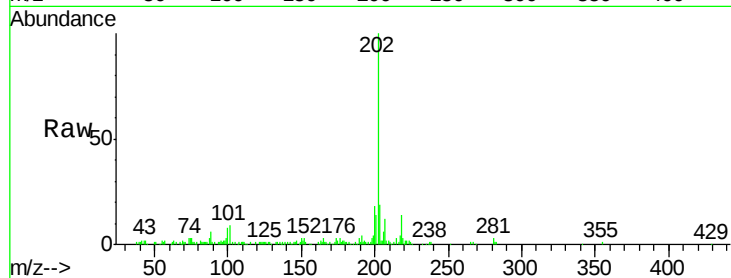




#74
 Fluoranthene
 Concen: 2.22 ng/ul
 RT: 19.18 min Scan# 2821
 Delta R.T. -0.00 min
 Lab File: BM007834.D
 Acq: 11 Nov 2016 20:10

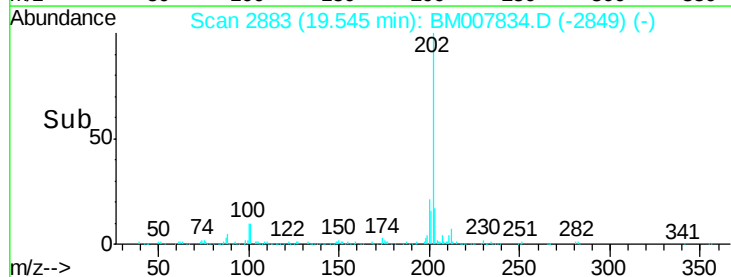
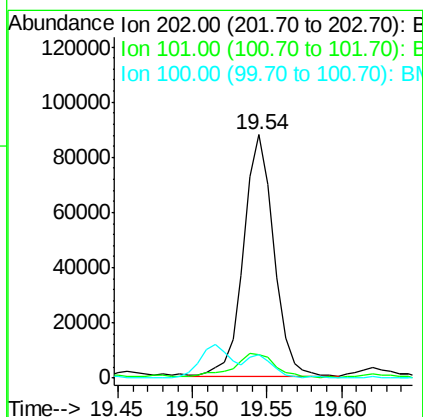
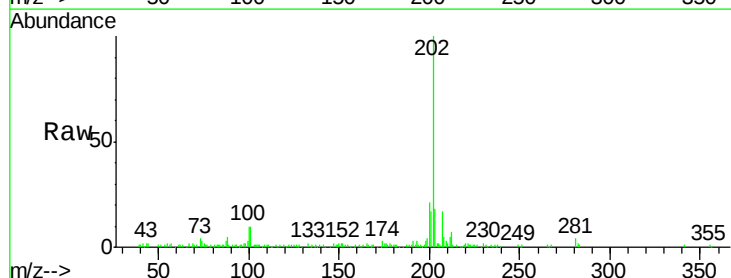
Instrument :
 BNA_M
 ClientSampleId :
 BD4L6

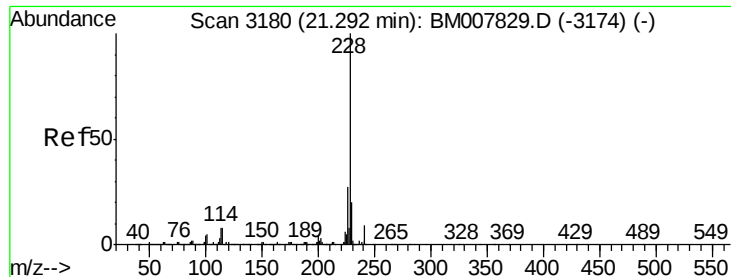
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.4	6.9	10.3
100	8.2	5.4	8.0



#77
 Pyrene
 Concen: 2.08 ng/ul
 RT: 19.54 min Scan# 2883
 Delta R.T. -0.00 min
 Lab File: BM007834.D
 Acq: 11 Nov 2016 20:10

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.9	8.4	12.6
100	9.8	6.9	10.3





#80

Benzo(a)anthracene

Concen: 1.41 ng/ul

RT: 21.29 min Scan# 3180

Delta R.T. -0.00 min

Lab File: BM007834.D

Acq: 11 Nov 2016 20:10

Instrument :

BNA_M

ClientSampleId :

BD4L6

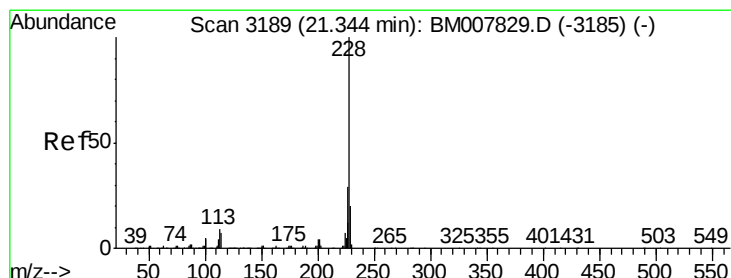
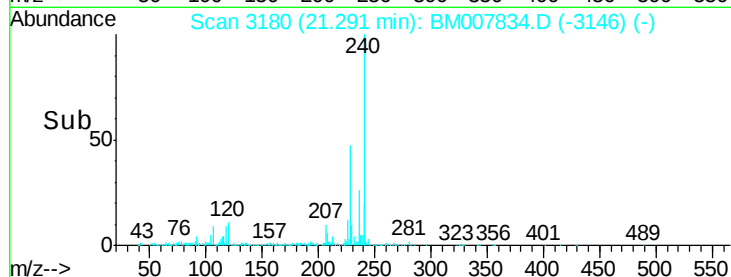
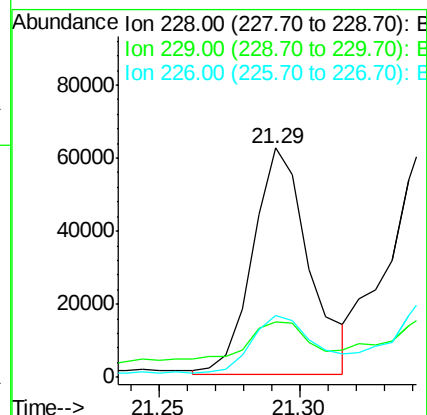
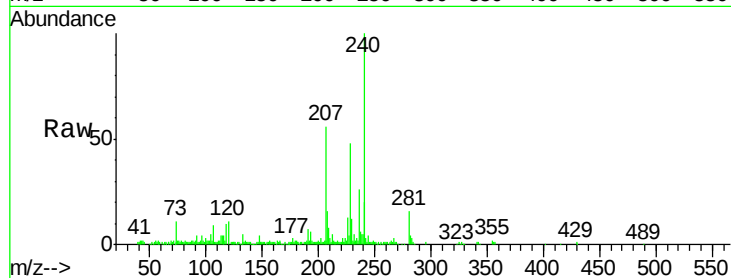
Tgt Ion:228 Resp: 85950

Ion Ratio Lower Upper

228 100

229 24.2 15.6 23.4#

226 27.1 21.8 32.8



#82

Chrysene

Concen: 1.70 ng/ul

RT: 21.34 min Scan# 3189

Delta R.T. -0.00 min

Lab File: BM007834.D

Acq: 11 Nov 2016 20:10

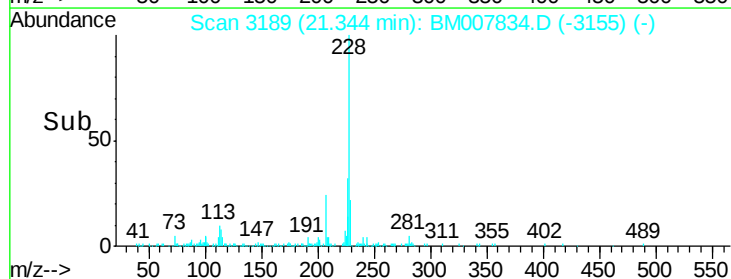
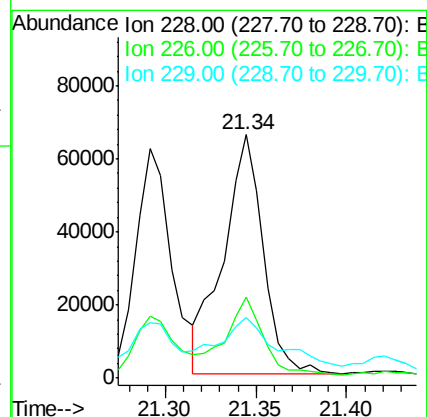
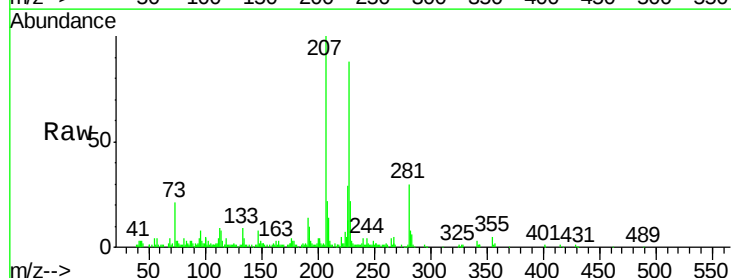
Tgt Ion:228 Resp: 99793

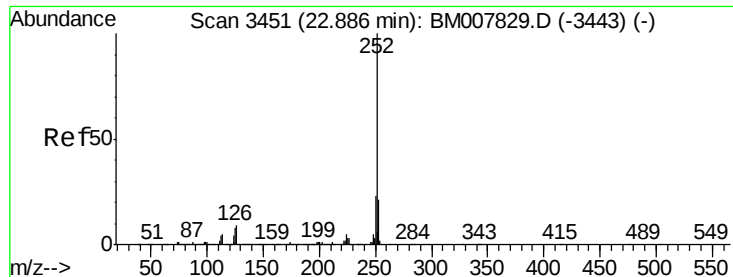
Ion Ratio Lower Upper

228 100

226 33.2 23.4 35.2

229 24.9 15.5 23.3#

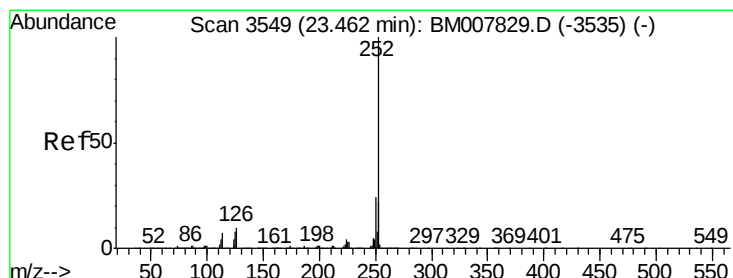
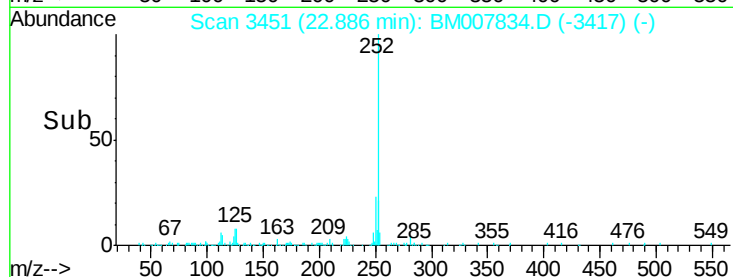
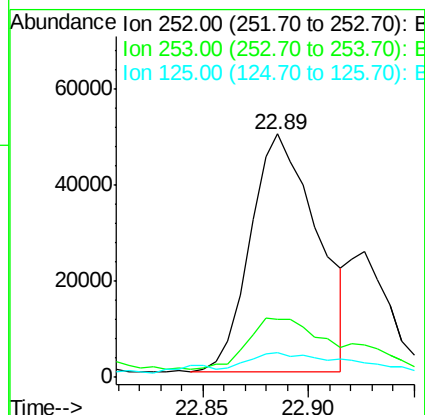
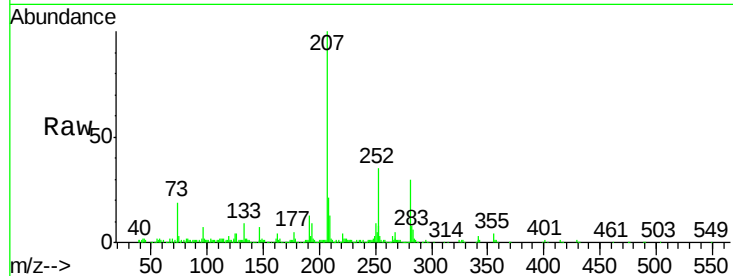




#85
Benzo(b)fluoranthene
Concen: 1.63 ng/ul
RT: 22.89 min Scan# 3451
Delta R.T. -0.00 min
Lab File: BM007834.D
Acq: 11 Nov 2016 20:10

Instrument :
BNA_M
ClientSampleId :
BD4L6

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.1	25.7
125	10.3	5.8	8.8



#88
Benzo(a)pyrene
Concen: 1.16 ng/ul
RT: 23.46 min Scan# 3548
Delta R.T. -0.01 min
Lab File: BM007834.D
Acq: 11 Nov 2016 20:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.0	17.7	26.5
125	10.7	6.6	9.8

