

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
 Data File : BM007090.D
 Acq On : 14 Aug 2016 04:23
 Operator : UM/SJ
 Sample : H4314-20
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDJW8

Quant Time: Aug 15 10:24:00 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 13 00:47:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	252048	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	985665	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.44	164	562071	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	1319088	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1713285	20.00	ng/ul	-0.01
83) Perylene-d12	23.63	264	1845011	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	16825	2.92	ng/uL	0.00
5) Phenol-d5	6.97	99	322144	15.78	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.15	67	189614	16.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	263859	16.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	238045	14.17	ng/ul	-0.01
19) Nitrobenzene-d5	8.96	128	122507	17.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	133605	17.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	263663	16.46	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.73	131	305184	16.01	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	824670	17.76	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	988044	17.71	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.63	143	97875	11.76	ng/ul	0.00
57) Fluorene-d10	15.43	176	731458	18.02	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	91545	12.56	ng/ul	-0.01
70) Anthracene-d10	17.28	188	1112097	18.20	ng/ul	0.00
76) Pyrene-d10	19.57	212	1358778	18.79	ng/ul	-0.01
87) Benzo(a)pyrene-d12	23.49	264	1550030	18.37	ng/ul	-0.02

Target Compounds

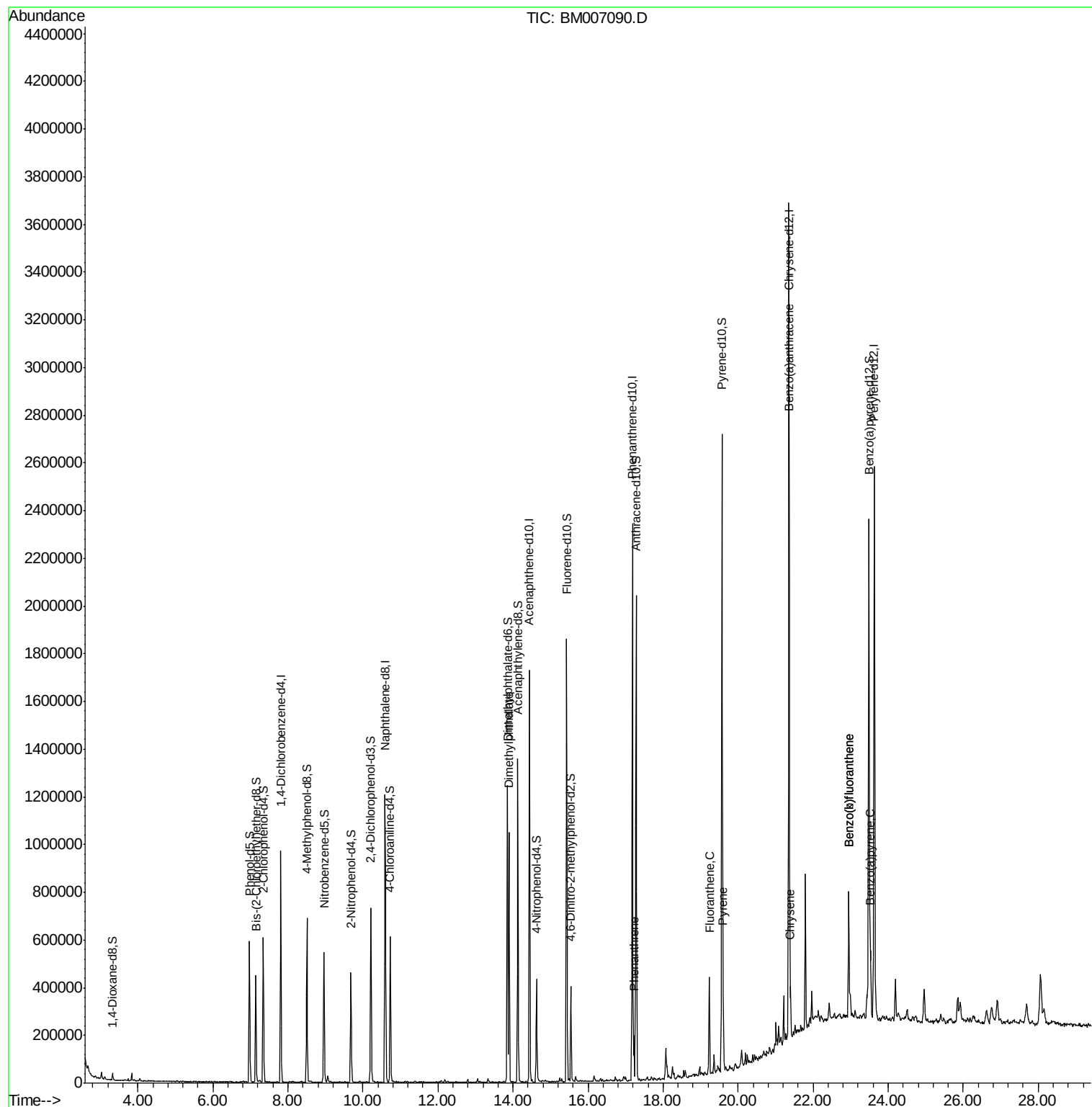
						Qvalue
44) Dimethylphthalate	13.89	163	658643	14.19	ng/ul	99
69) Phenanthrene	17.22	178	113271	1.60	ng/ul	100
74) Fluoranthene	19.23	202	249841	2.90	ng/ul	98
77) Pyrene	19.60	202	219207	2.31	ng/ul	99
80) Benzo(a)anthracene	21.34	228	109900	1.09	ng/ul	98
82) Chrysene	21.39	228	123093	1.33	ng/ul	99
85) Benzo(b)fluoranthene	22.95	252	162625	1.46	ng/ul#	93
86) Benzo(k)fluoranthene	22.95	252	162625	1.56	ng/ul#	93
88) Benzo(a)pyrene	23.53	252	110032	1.04	ng/ul#	97

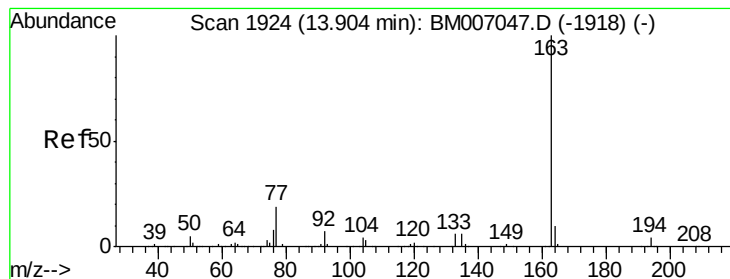
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 14.19 ng/ul

RT: 13.89 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BM007090.D

Acq: 14 Aug 2016 04:23

Instrument :

BNA_M

ClientSampleId :

BDJW8

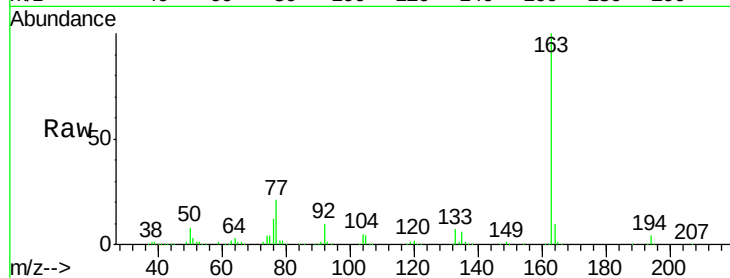
Tgt Ion:163 Resp: 658643

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

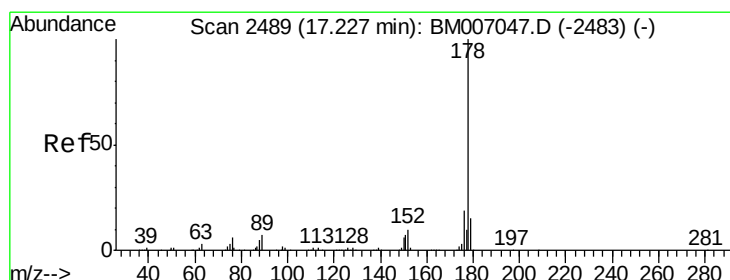
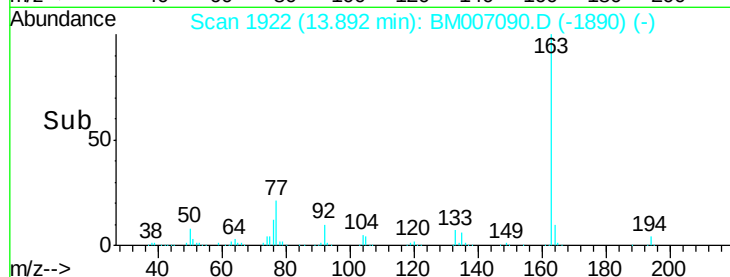
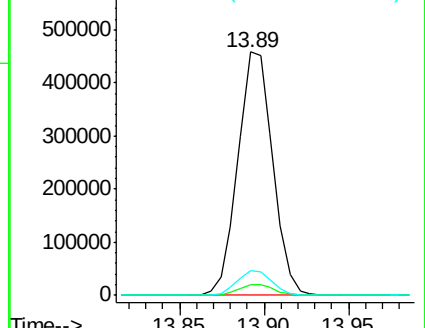
164 10.2 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#69

Phenanthrene

Concen: 1.60 ng/ul

RT: 17.22 min Scan# 2488

Delta R.T. -0.01 min

Lab File: BM007090.D

Acq: 14 Aug 2016 04:23

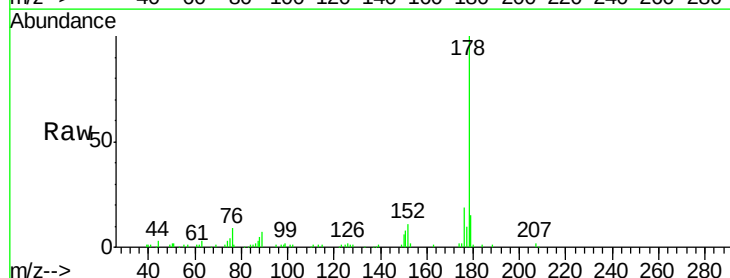
Tgt Ion:178 Resp: 113271

Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.2

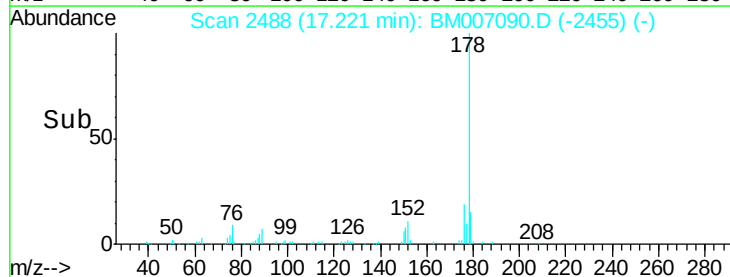
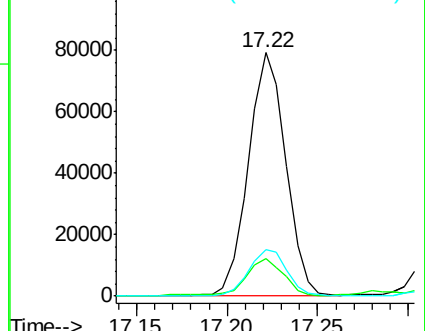
176 18.9 15.1 22.7

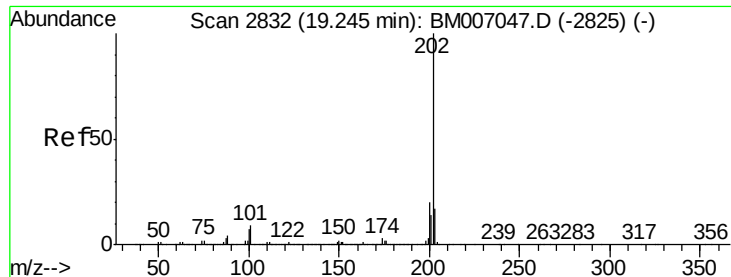


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 2.90 ng/ul

RT: 19.23 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BM007090.D

Acq: 14 Aug 2016 04:23

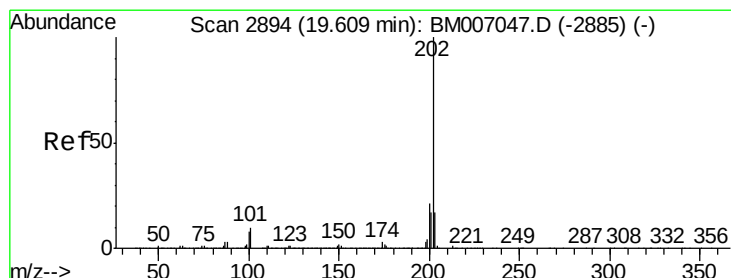
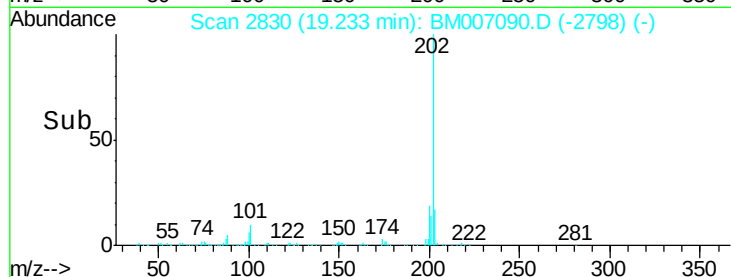
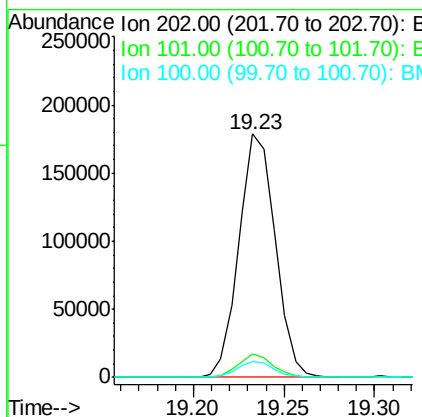
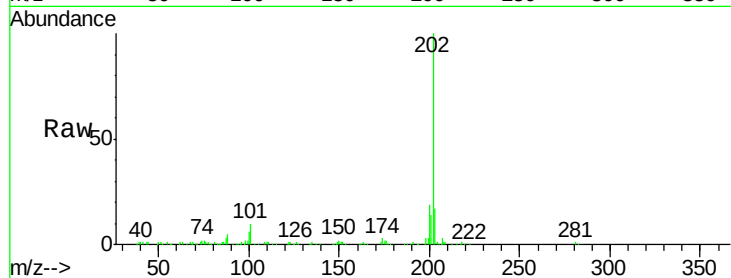
Instrument :

BNA_M

ClientSampleId :

BDJW8

Tgt Ion:	202	Resp:	249841
Ion Ratio	Lower	Upper	
202	100		
101	9.7	6.9	10.3
100	6.4	5.4	8.0



#77

Pyrene

Concen: 2.31 ng/ul

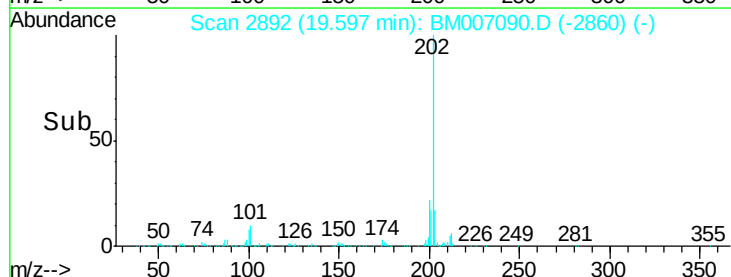
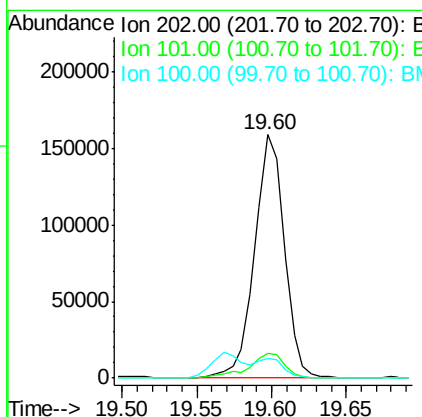
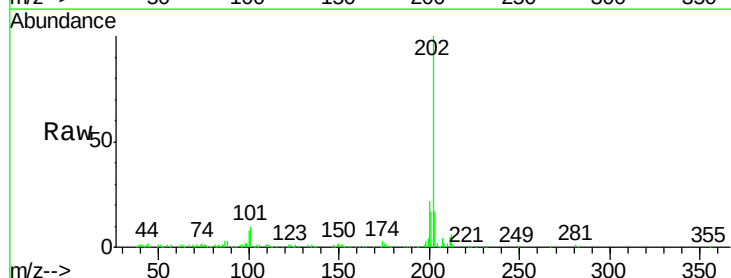
RT: 19.60 min Scan# 2892

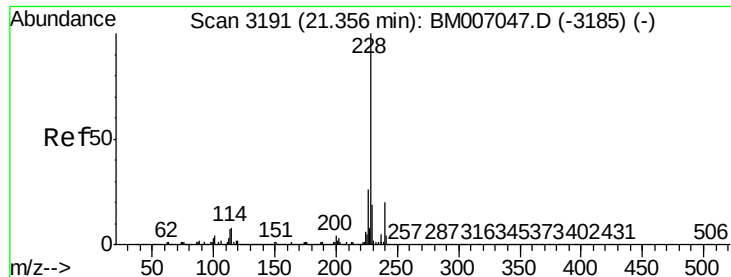
Delta R.T. -0.01 min

Lab File: BM007090.D

Acq: 14 Aug 2016 04:23

Tgt Ion:	202	Resp:	219207
Ion Ratio	Lower	Upper	
202	100		
101	10.0	8.4	12.6
100	8.1	6.9	10.3





#80

Benzo(a)anthracene

Concen: 1.09 ng/ul

RT: 21.34 min Scan# 3189

Delta R.T. -0.01 min

Lab File: BM007090.D

Acq: 14 Aug 2016 04:23

Instrument :

BNA_M

ClientSampleId :

BDJW8

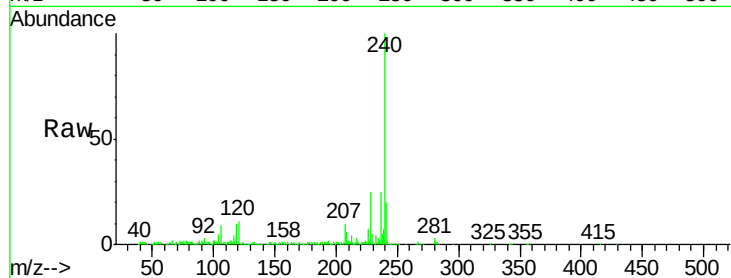
Tgt Ion:228 Resp: 109900

Ion Ratio Lower Upper

228 100

229 20.2 15.6 23.4

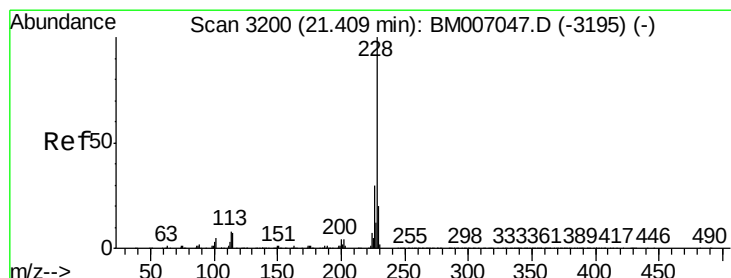
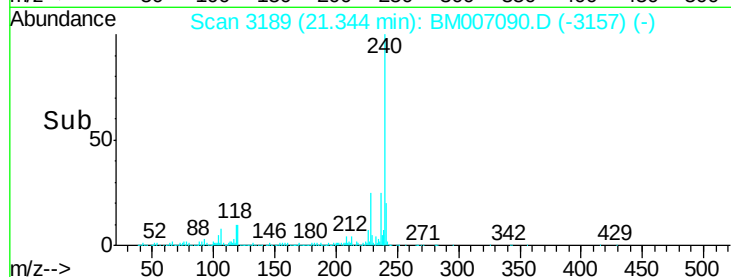
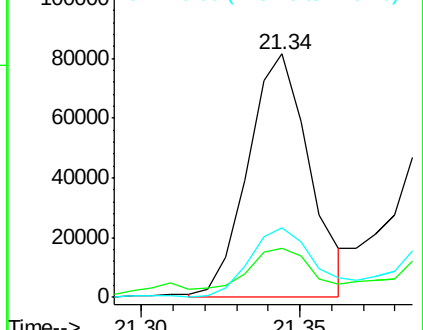
226 28.6 21.8 32.8



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: 1.33 ng/ul

RT: 21.39 min Scan# 3197

Delta R.T. -0.02 min

Lab File: BM007090.D

Acq: 14 Aug 2016 04:23

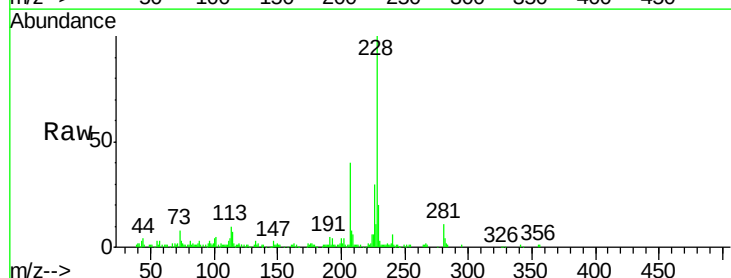
Tgt Ion:228 Resp: 123093

Ion Ratio Lower Upper

228 100

226 29.9 23.4 35.2

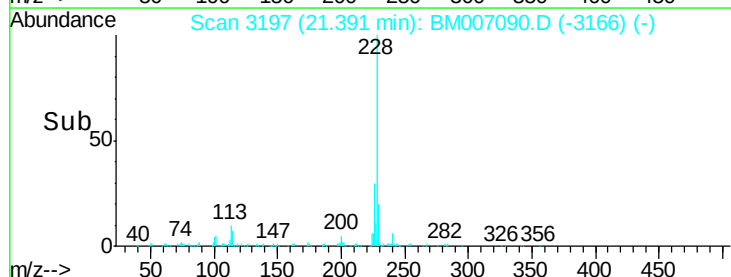
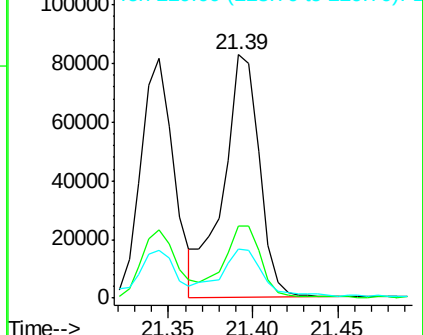
229 20.1 15.5 23.3

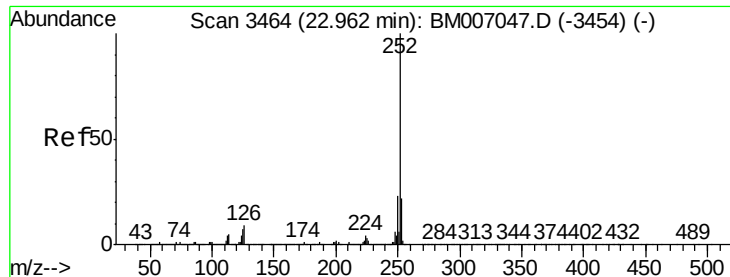


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 1.46 ng/ul

RT: 22.95 min Scan# 3462

Delta R.T. -0.01 min

Lab File: BM007090.D

Acq: 14 Aug 2016 04:23

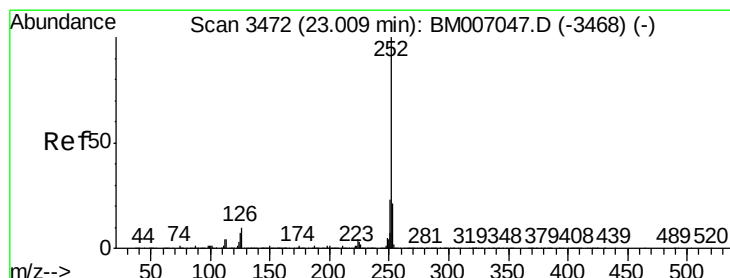
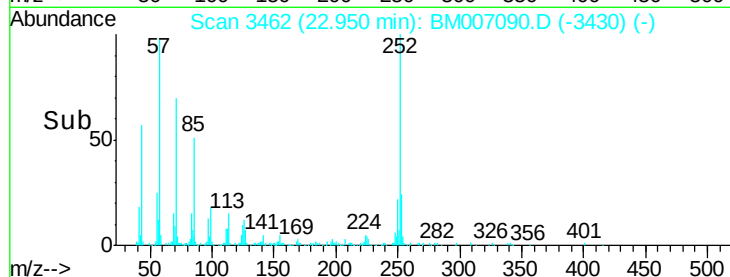
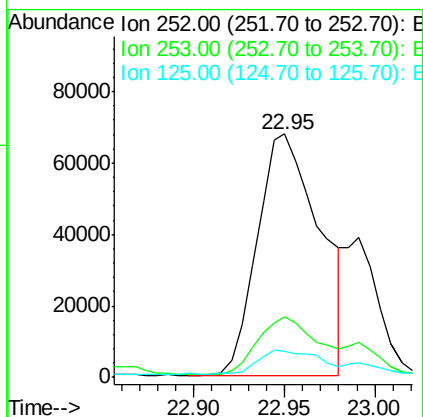
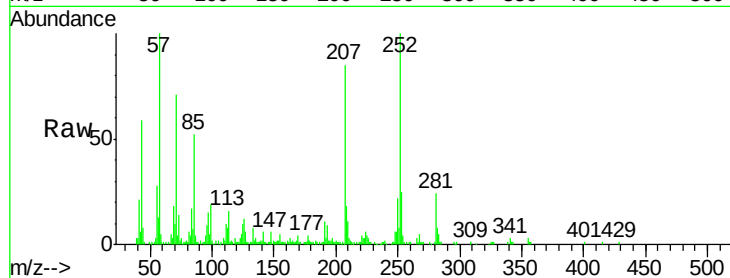
Instrument :

BNA_M

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Tgt Ion:	252	Resp:	162625
Ion Ratio	Lower	Upper	
252	100		
253	24.7	17.1	25.7
125	10.4	5.8	8.8#



#86

Benzo(k)fluoranthene

Concen: 1.56 ng/ul

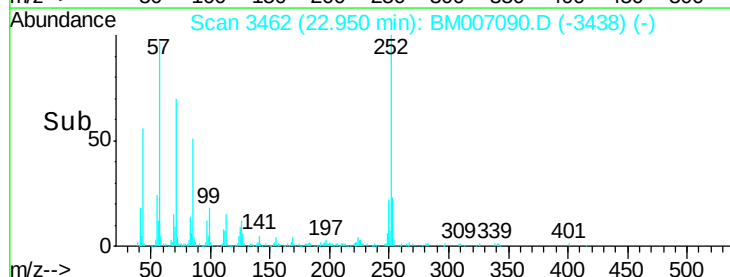
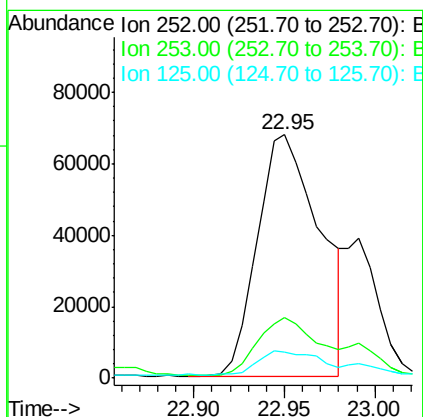
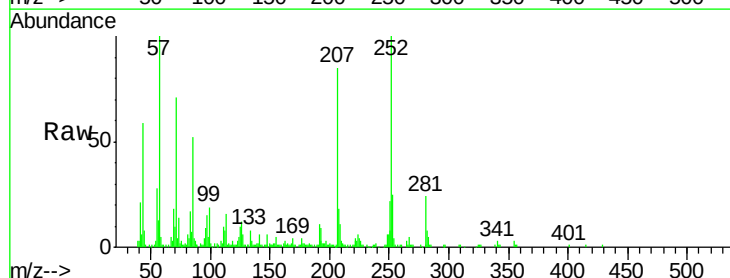
RT: 22.95 min Scan# 3462

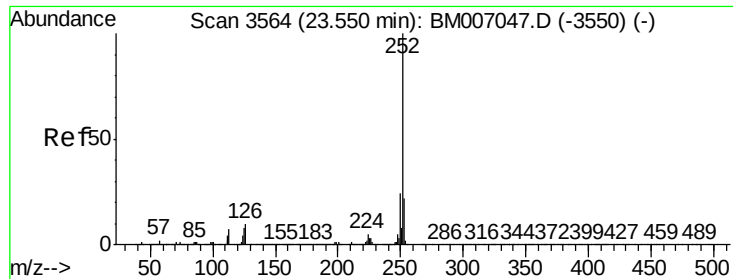
Delta R.T. -0.06 min

Lab File: BM007090.D

Acq: 14 Aug 2016 04:23

Tgt Ion:	252	Resp:	162625
Ion Ratio	Lower	Upper	
252	100		
253	24.7	17.6	26.4
125	10.4	5.7	8.5#





#88

Benzo(a)pyrene

Concen: 1.04 ng/ul

RT: 23.53 min Scan# 3561

Delta R.T. -0.02 min

Lab File: BM007090.D

Acq: 14 Aug 2016 04:23

Instrument :

BNA_M

ClientSampleId :

BDJW8

Tgt Ion: 252 Resp: 110032

Ion Ratio Lower Upper

252 100

253 23.2 17.7 26.5

125 10.3 6.6 9.8#

