

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090316\
 Data File : BM007391.D
 Acq On : 03 Sep 2016 05:22
 Operator : UM/SJ
 Sample : H4655-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0020

Quant Time: Sep 03 05:58:42 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 03 01:45:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	185774	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	867991	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	611459	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1615221	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	2327314	20.00	ng/ul	0.00
83) Perylene-d12	23.62	264	2398647	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	15474	4.26	ng/uL	0.00
5) Phenol-d5	6.96	99	338261	19.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	198449	21.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	271155	20.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	292469	19.11	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	144723	22.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	168175	22.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	307558	20.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	341084	18.46	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	1182441	22.42	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	1362815	22.29	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	180855	18.16	ng/ul	0.00
57) Fluorene-d10	15.42	176	1039221	22.78	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	175924	17.32	ng/ul	0.00
70) Anthracene-d10	17.26	188	1779361	23.58	ng/ul	0.00
76) Pyrene-d10	19.56	212	2338153	24.03	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	2664145	24.11	ng/ul	0.00

Target Compounds

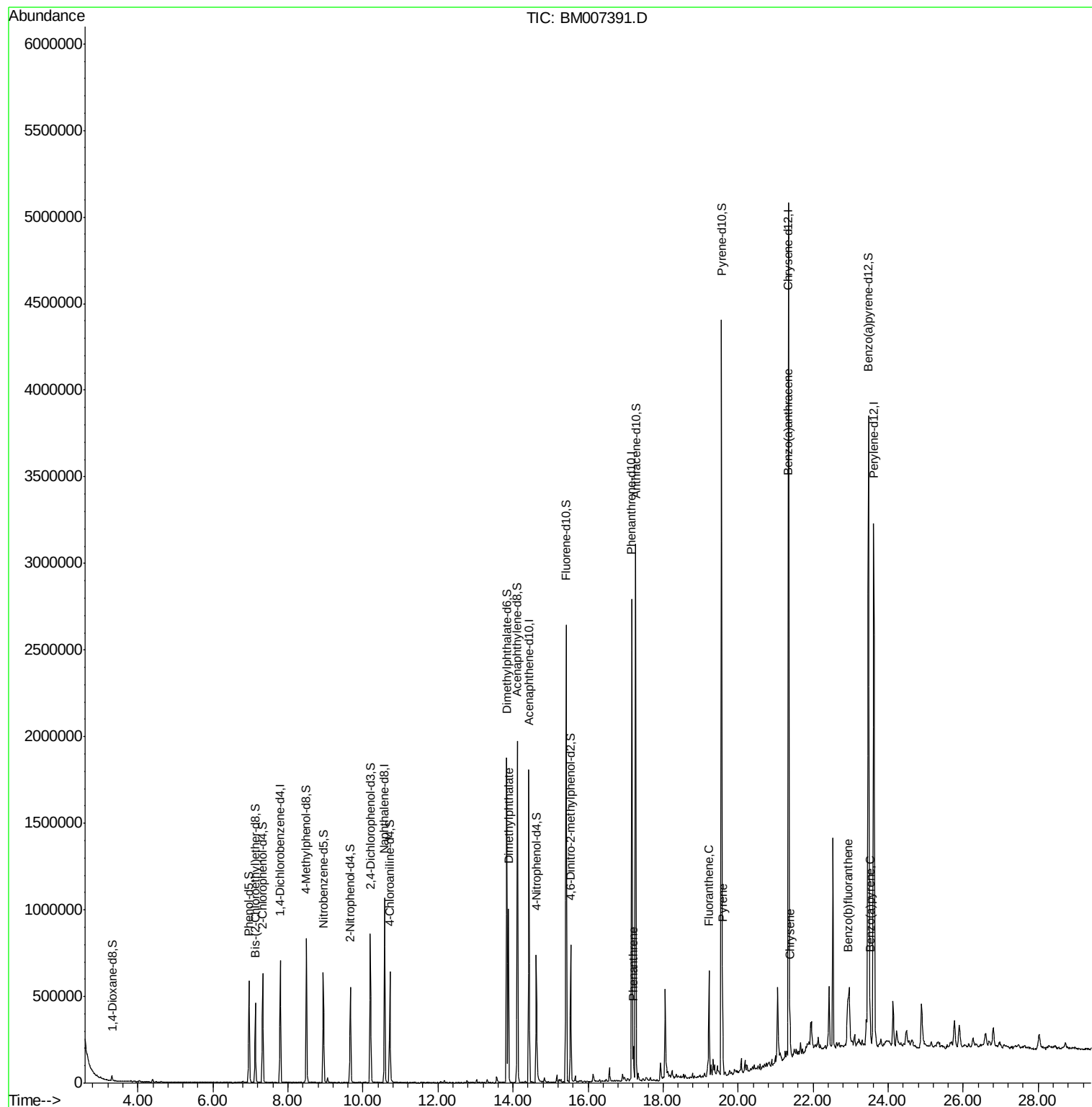
						Qvalue
44) Dimethylphthalate	13.88	163	609791	11.61	ng/ul	99
69) Phenanthrene	17.21	178	110208	1.27	ng/ul	98
74) Fluoranthene	19.22	202	345115	3.17	ng/ul	99
77) Pyrene	19.59	202	282231	2.26	ng/ul	97
80) Benzo(a)anthracene	21.33	228	172079	1.25	ng/ul	96
82) Chrysene	21.38	228	167144	1.35	ng/ul	97
85) Benzo(b)fluoranthene	22.93	252	244076	1.72	ng/ul	96
88) Benzo(a)pyrene	23.52	252	173594	1.28	ng/ul	98

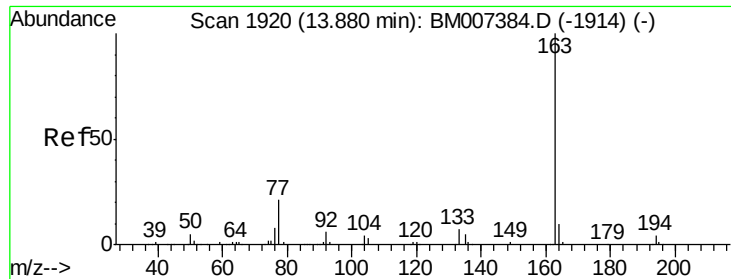
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 11.61 ng/ul

RT: 13.88 min Scan# 1920

Delta R.T. 0.00 min

Lab File: BM007391.D

Acq: 03 Sep 2016 05:22

Instrument :

BNA_M

ClientSampleId :

C0020

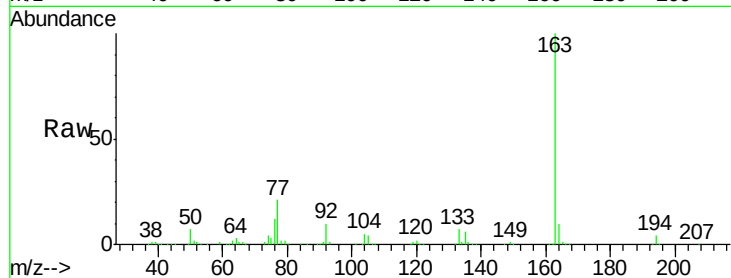
Tgt Ion:163 Resp: 609791

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

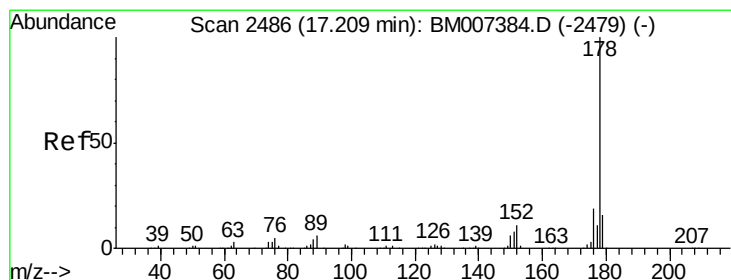
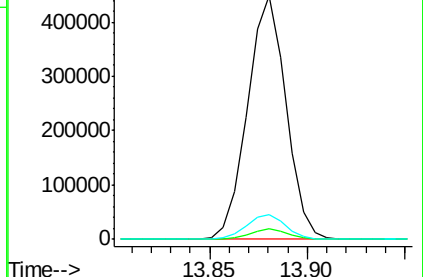
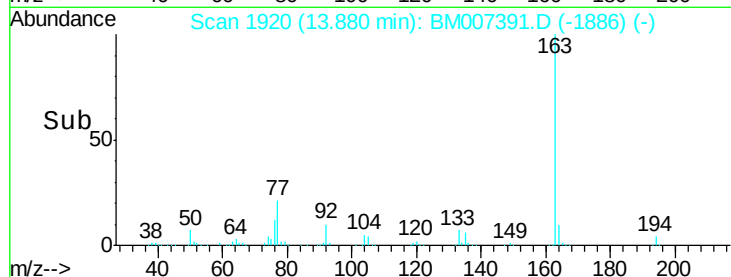
164 10.0 7.8 11.8



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: 1.27 ng/ul

RT: 17.21 min Scan# 2486

Delta R.T. 0.00 min

Lab File: BM007391.D

Acq: 03 Sep 2016 05:22

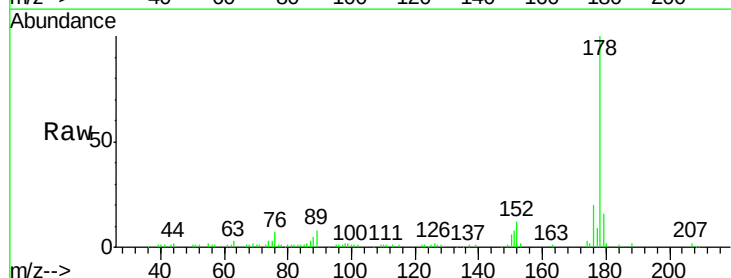
Tgt Ion:178 Resp: 110208

Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.2

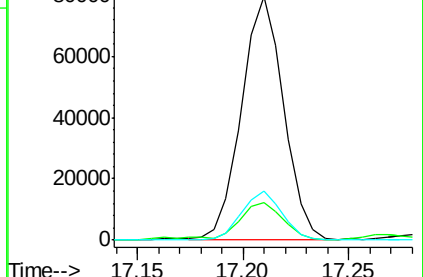
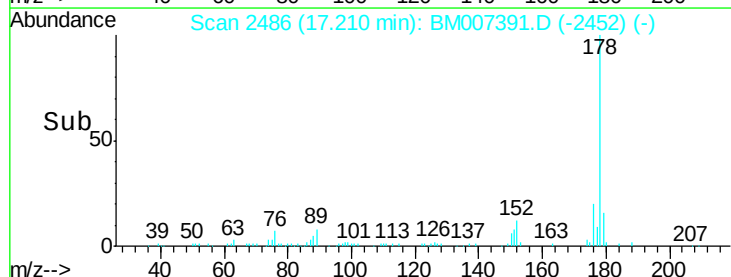
176 20.3 15.1 22.7

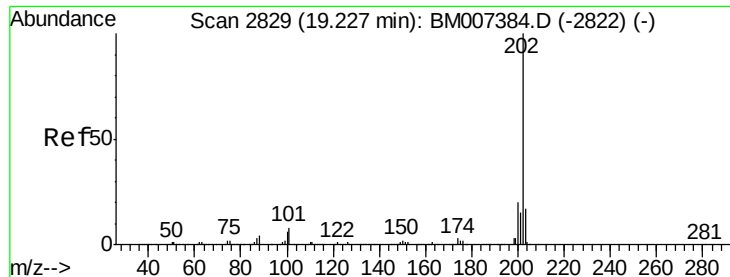


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 3.17 ng/ul

RT: 19.22 min Scan# 2828

Delta R.T. -0.01 min

Lab File: BM007391.D

Acq: 03 Sep 2016 05:22

Instrument :

BNA_M

ClientSampleId :

C0020

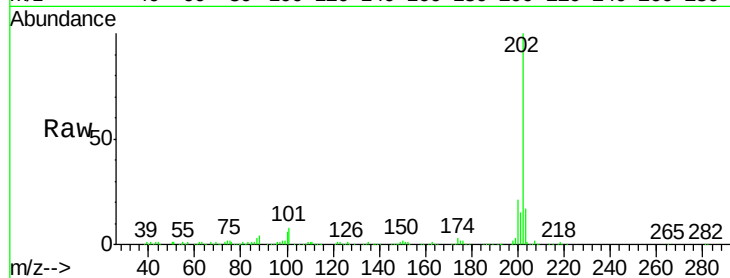
Tgt Ion:202 Resp: 345115

Ion Ratio Lower Upper

202 100

101 8.0 6.9 10.3

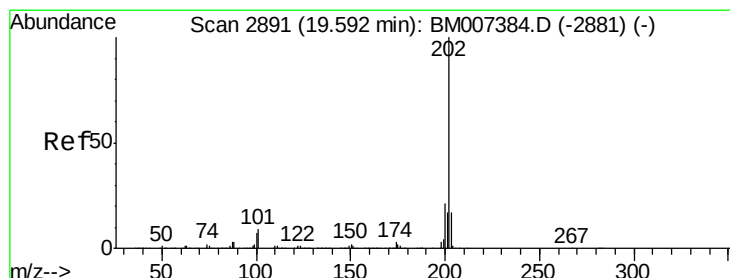
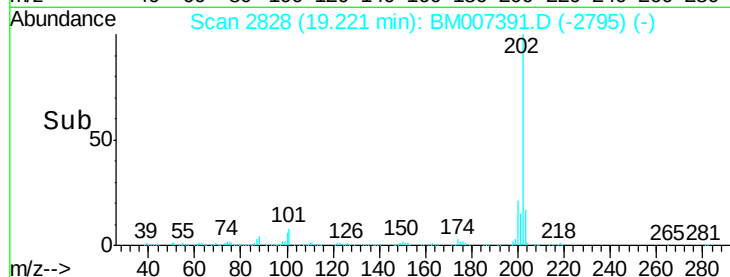
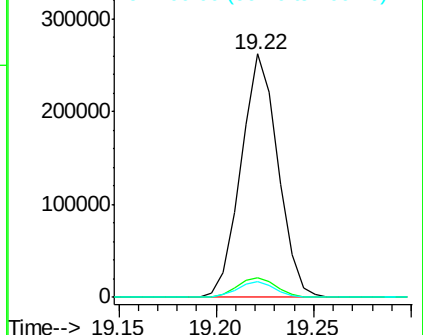
100 6.3 5.4 8.0



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



#77

Pyrene

Concen: 2.26 ng/ul

RT: 19.59 min Scan# 2890

Delta R.T. -0.01 min

Lab File: BM007391.D

Acq: 03 Sep 2016 05:22

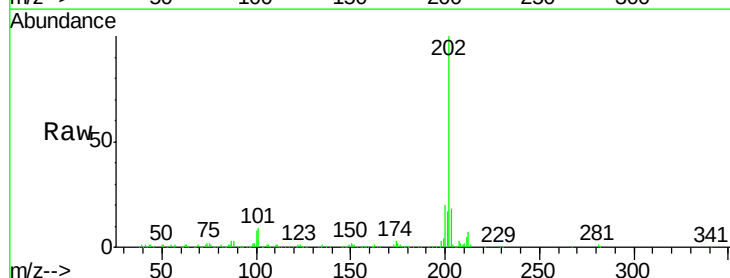
Tgt Ion:202 Resp: 282231

Ion Ratio Lower Upper

202 100

101 9.4 8.4 12.6

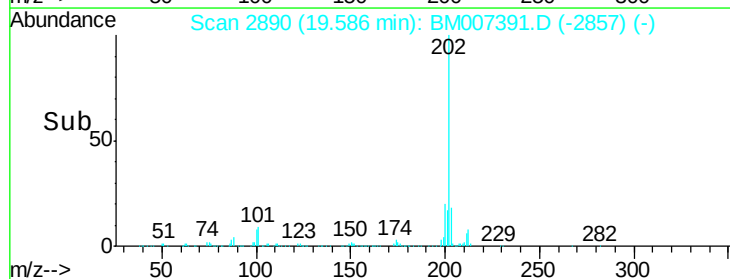
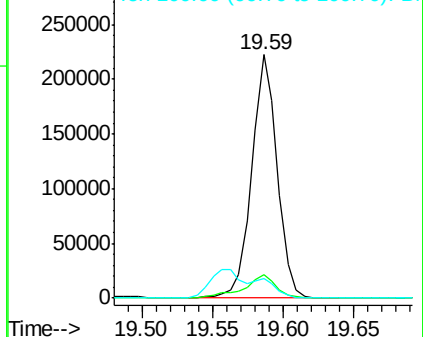
100 7.9 6.9 10.3

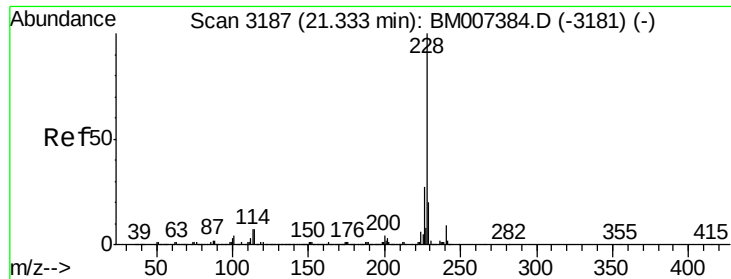


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 1.25 ng/ul

RT: 21.33 min Scan# 3187

Delta R.T. 0.00 min

Lab File: BM007391.D

Acq: 03 Sep 2016 05:22

Instrument :

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ClientSampleId :

C0020

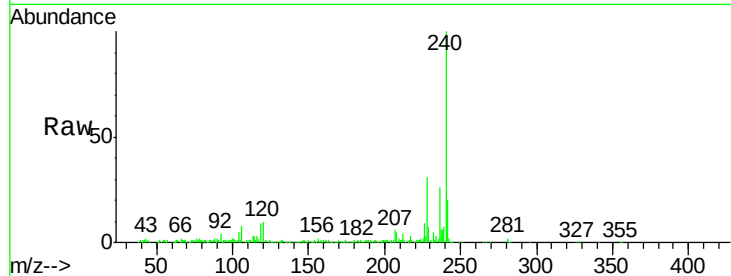
Tgt Ion:228 Resp: 172079

Ion Ratio Lower Upper

228 100

229 21.3 15.6 23.4

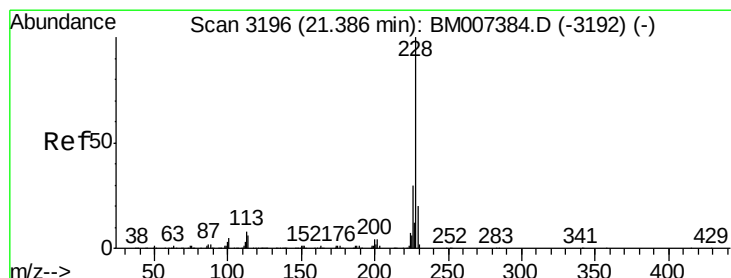
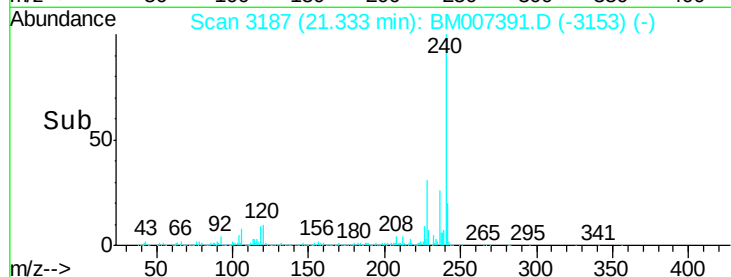
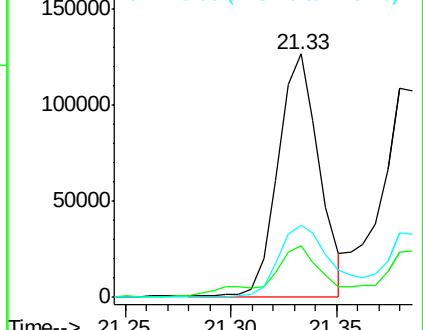
226 29.7 21.8 32.8



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: 1.35 ng/ul

RT: 21.38 min Scan# 3195

Delta R.T. -0.01 min

Lab File: BM007391.D

Acq: 03 Sep 2016 05:22

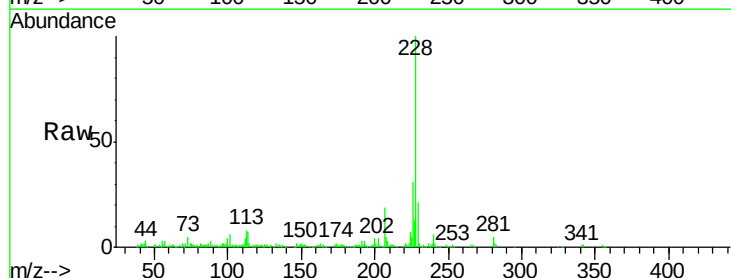
Tgt Ion:228 Resp: 167144

Ion Ratio Lower Upper

228 100

226 30.6 23.4 35.2

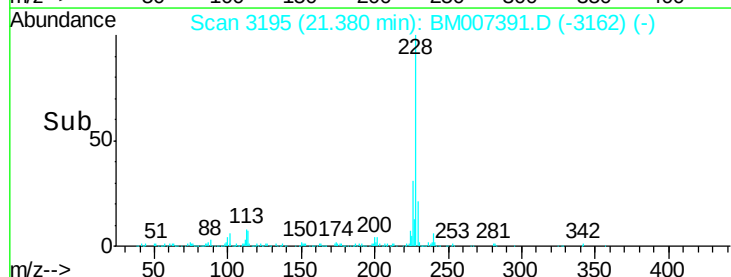
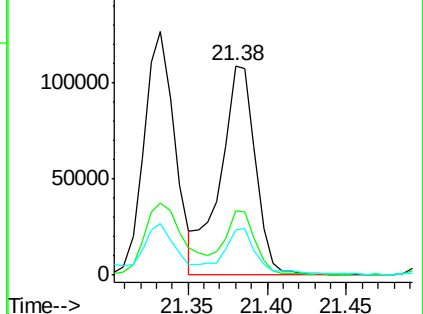
229 21.3 15.5 23.3

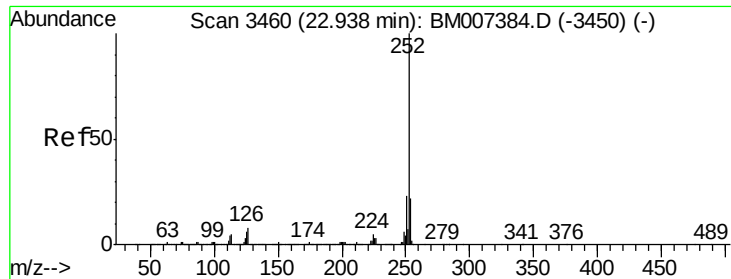


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 1.72 ng/ul

RT: 22.93 min Scan# 3459

Delta R.T. -0.01 min

Lab File: BM007391.D

Acq: 03 Sep 2016 05:22

Instrument :

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ClientSampleId :

C0020

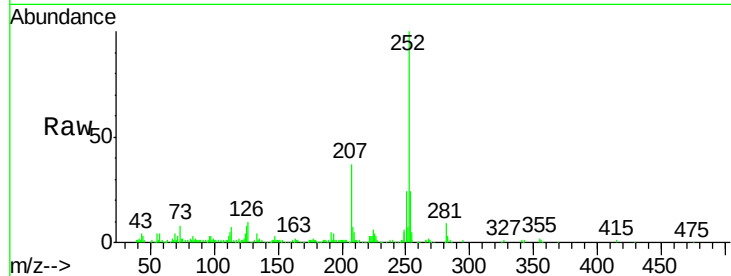
Tgt Ion:252 Resp: 244076

Ion Ratio Lower Upper

252 100

253 23.5 17.1 25.7

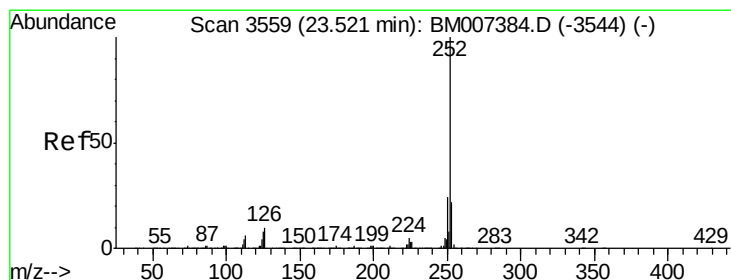
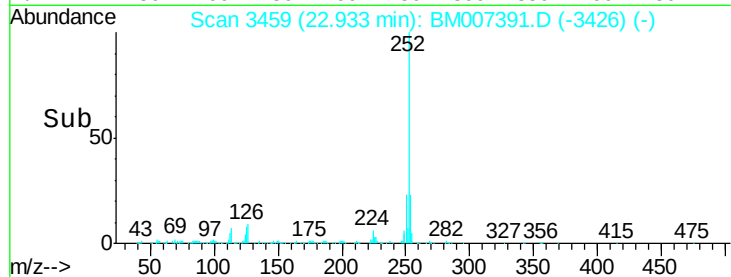
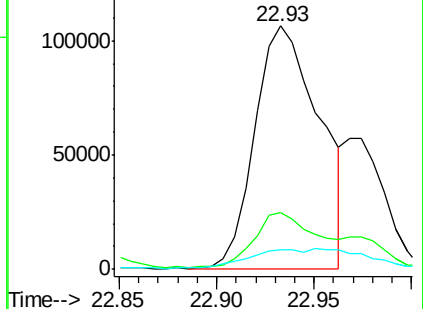
125 8.3 5.8 8.8



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



#88

Benzo(a)pyrene

Concen: 1.28 ng/ul

RT: 23.52 min Scan# 3558

Delta R.T. -0.01 min

Lab File: BM007391.D

Acq: 03 Sep 2016 05:22

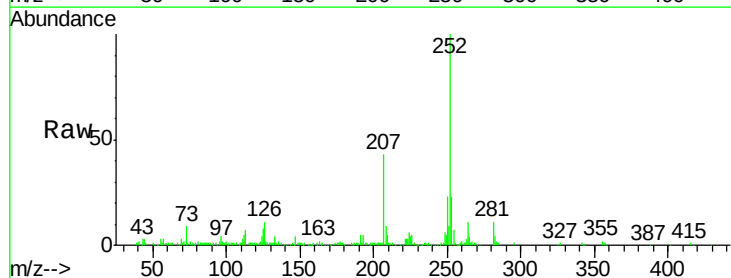
Tgt Ion:252 Resp: 173594

Ion Ratio Lower Upper

252 100

253 22.8 17.7 26.5

125 7.6 6.6 9.8



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

