

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090316\
 Data File : BM007394.D
 Acq On : 03 Sep 2016 07:10
 Operator : UM/SJ
 Sample : H4655-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0005

Quant Time: Sep 05 01:21:00 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	175757	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	839786	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	586144	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1562589	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	2128669	20.00	ng/ul	0.00
83) Perylene-d12	23.62	264	2176669	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	10503	3.05	ng/uL	0.00
5) Phenol-d5	6.96	99	227580	13.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	131975	15.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	180230	14.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	201356	13.91	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	97113	15.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	109225	15.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	212147	14.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	171637	9.60	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	789089	15.60	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	925829	15.80	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	128813	13.49	ng/ul	0.00
57) Fluorene-d10	15.42	176	710987	16.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	124001	12.62	ng/ul	0.00
70) Anthracene-d10	17.27	188	1198210	16.42	ng/ul	0.00
76) Pyrene-d10	19.56	212	1521789	17.10	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	1644834	16.41	ng/ul	0.00

Target Compounds

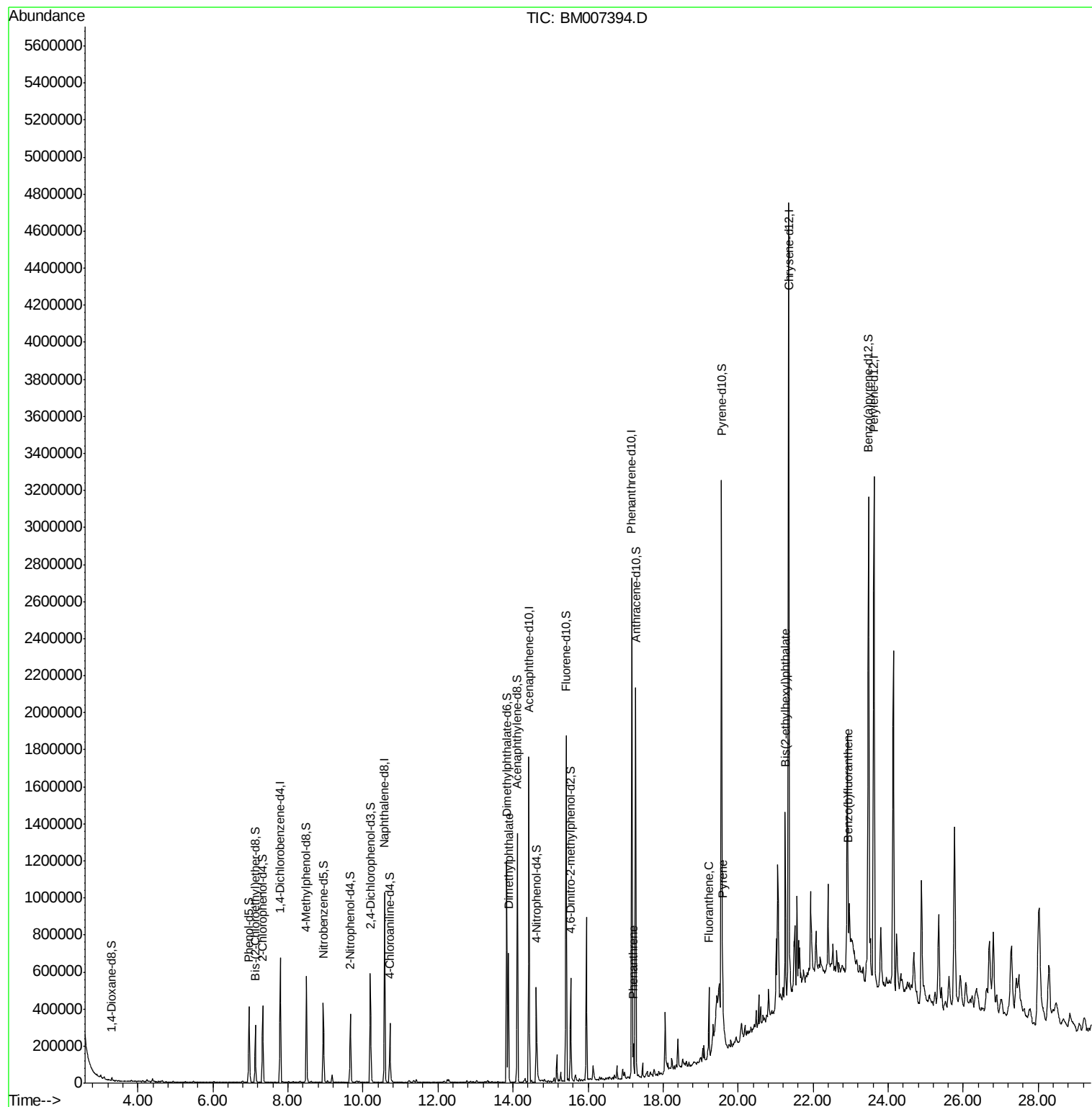
						Qvalue
44) Dimethylphthalate	13.88	163	432055	8.58	ng/ul	100
69) Phenanthrene	17.21	178	98721	1.18	ng/ul	98
74) Fluoranthene	19.22	202	215086	2.04	ng/ul	98
77) Pyrene	19.59	202	179343	1.57	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.26	149	355222	5.15	ng/ul	98
85) Benzo(b)fluoranthene	22.93	252	141942	1.10	ng/ul#	91

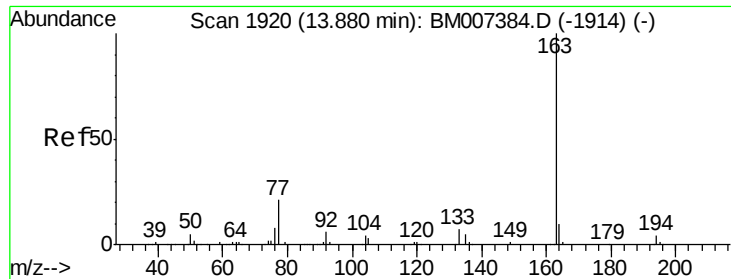
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 8.58 ng/ul

RT: 13.88 min Scan# 1920

Delta R.T. 0.00 min

Lab File: BM007394.D

Acq: 03 Sep 2016 07:10

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BNA_M

ClientSampleId :

C0005

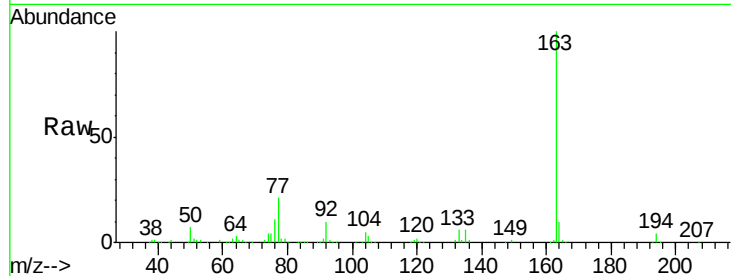
Tgt Ion:163 Resp: 432055

Ion Ratio Lower Upper

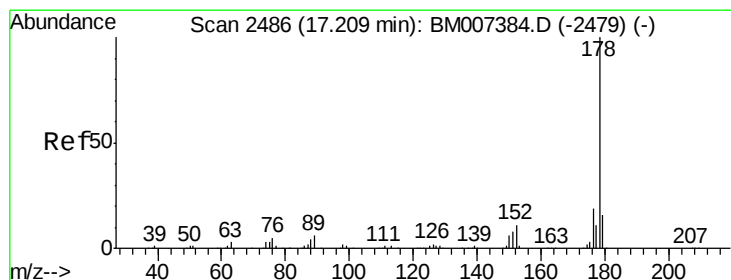
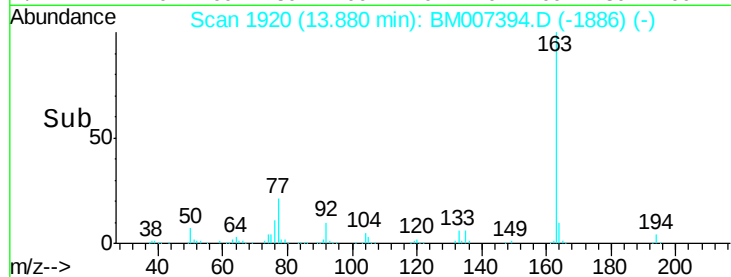
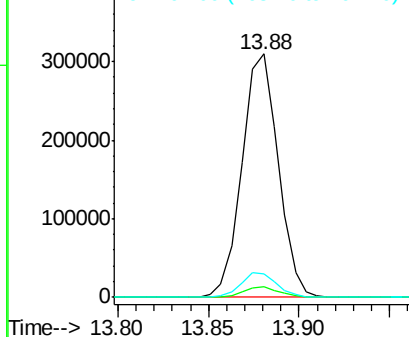
163 100

194 4.4 3.4 5.2

164 9.7 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: 1.18 ng/ul

RT: 17.21 min Scan# 2486

Delta R.T. 0.00 min

Lab File: BM007394.D

Acq: 03 Sep 2016 07:10

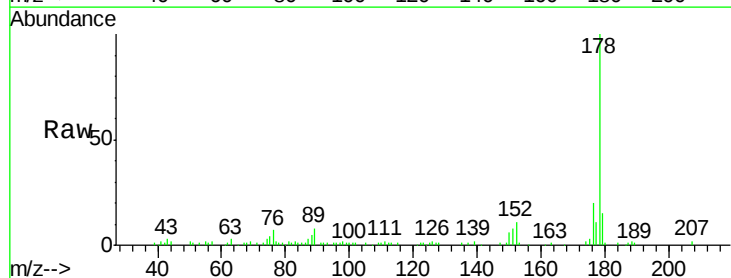
Tgt Ion:178 Resp: 98721

Ion Ratio Lower Upper

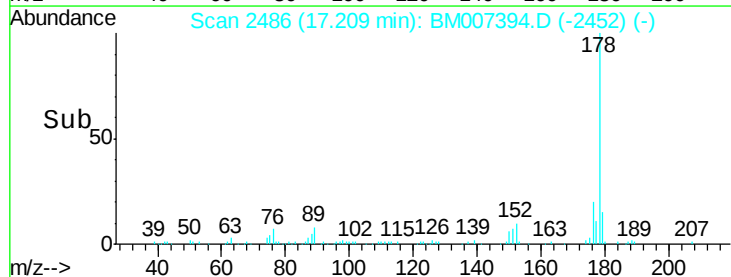
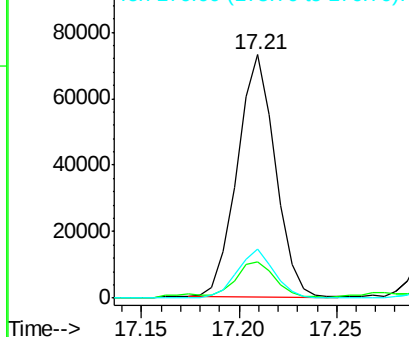
178 100

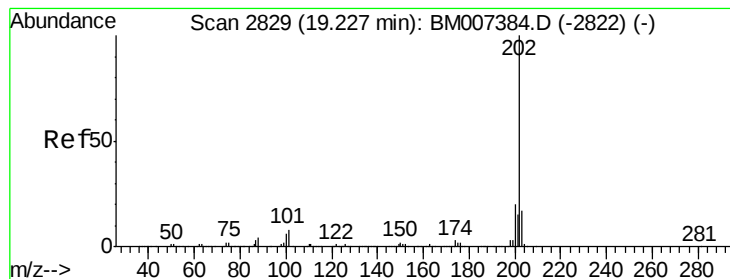
179 14.7 12.2 18.2

176 20.2 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: 2.04 ng/ul

RT: 19.22 min Scan# 2828

Delta R.T. -0.01 min

Lab File: BM007394.D

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ClientSampleId :

C0005

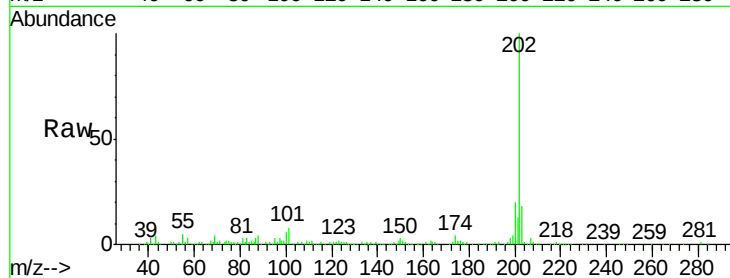
Tgt Ion:202 Resp: 215086

Ion Ratio Lower Upper

202 100

101 8.0 6.9 10.3

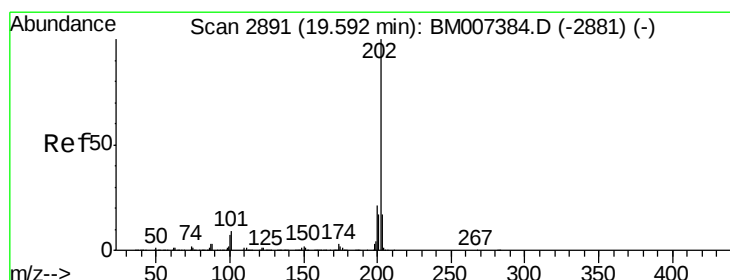
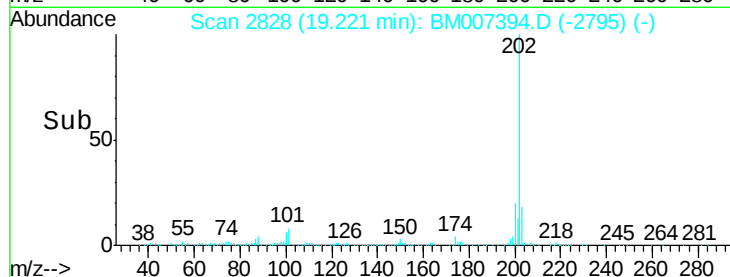
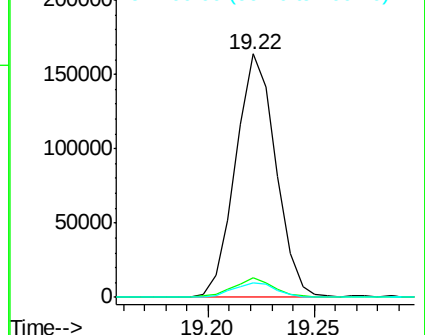
100 6.2 5.4 8.0



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: 1.57 ng/ul

RT: 19.59 min Scan# 2890

Delta R.T. -0.01 min

Lab File: BM007394.D

Acq: 03 Sep 2016 07:10

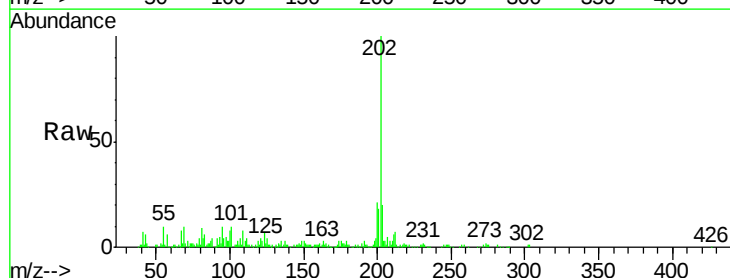
Tgt Ion:202 Resp: 179343

Ion Ratio Lower Upper

202 100

101 10.0 8.4 12.6

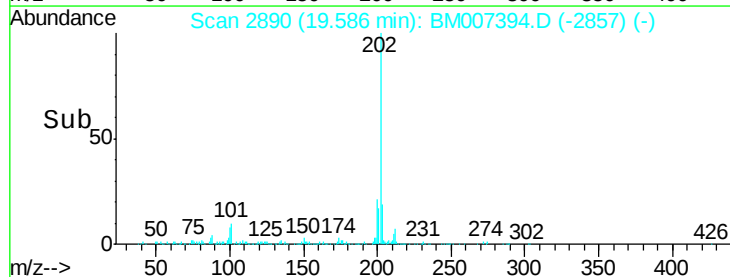
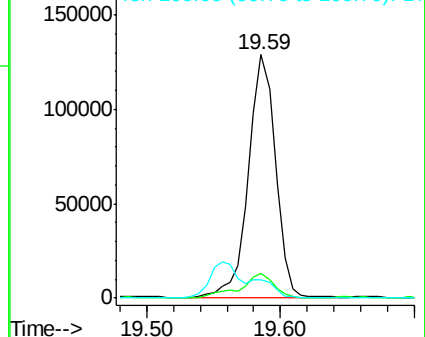
100 7.6 6.9 10.3

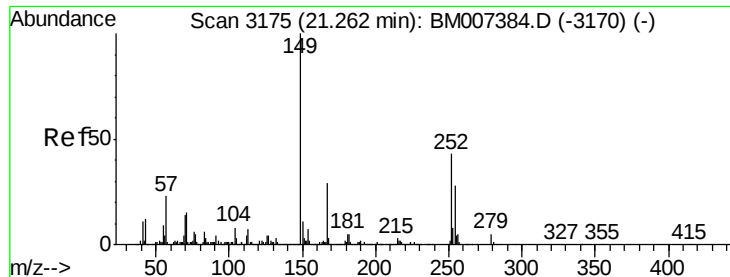


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#81

Bis(2-ethylhexyl)phthalate

Concen: 5.15 ng/ul

RT: 21.26 min Scan# 3174

Delta R.T. -0.01 min

Lab File: BM007394.D

Acq: 03 Sep 2016 07:10

Instrument :

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ClientSampleId :

C0005

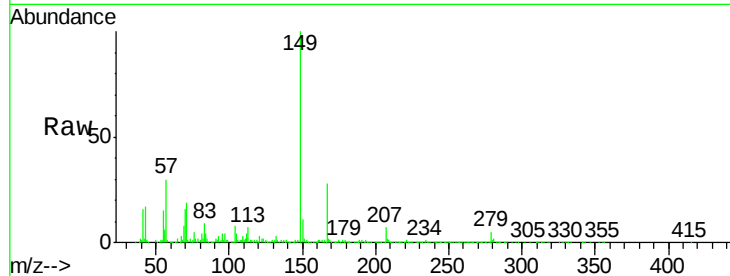
Tgt Ion:149 Resp: 355222

Ion Ratio Lower Upper

149 100

167 27.8 23.2 34.8

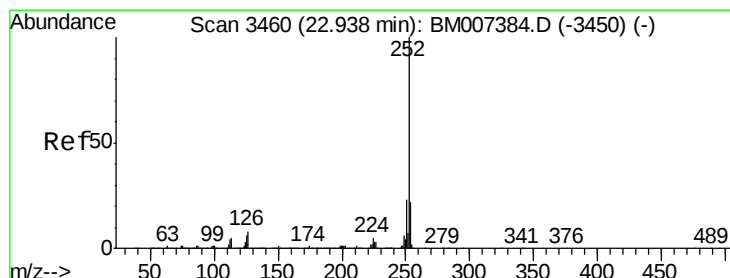
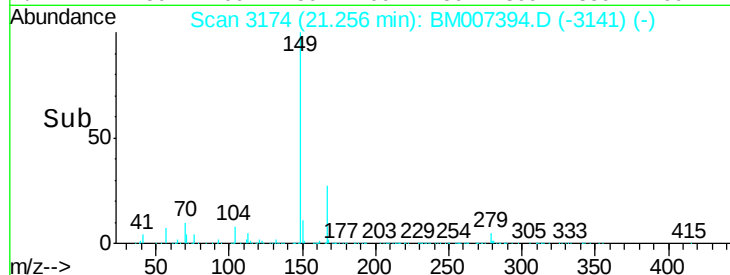
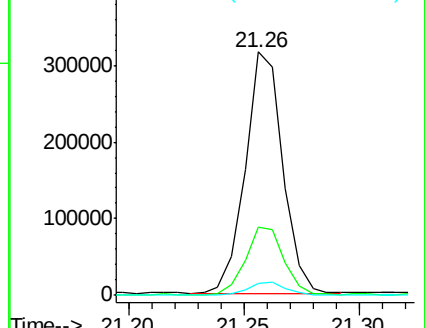
279 4.7 4.1 6.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Benzo(b)fluoranthene

Concen: 1.10 ng/ul

RT: 22.93 min Scan# 3459

Delta R.T. -0.01 min

Lab File: BM007394.D

Acq: 03 Sep 2016 07:10

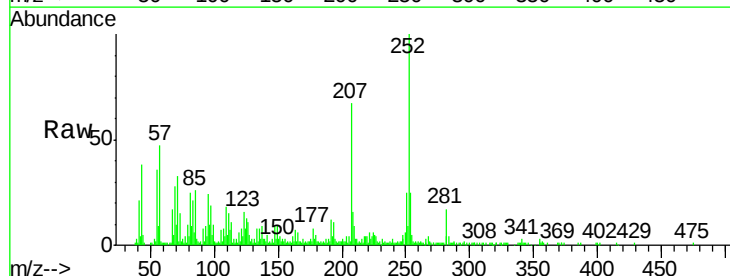
Tgt Ion:252 Resp: 141942

Ion Ratio Lower Upper

252 100

253 24.8 17.1 25.7

125 12.7 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

