

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071916\
 Data File : BM006533.D
 Acq On : 19 Jul 2016 21:36
 Operator : UM/SJ
 Sample : H4029-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDJA7

Quant Time: Jul 20 04:58:28 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 20 04:22:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	170252	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	700214	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	389287	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	888092	20.00	ng/ul	0.00
75) Chrysene-d12	21.21	240	1075678	20.00	ng/ul	0.00
83) Perylene-d12	23.41	264	1153222	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	6781	1.68	ng/uL	0.00
5) Phenol-d5	6.79	99	263551	18.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	166758	19.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	209396	18.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	210708	19.01	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	96698	18.22	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	100220	16.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	189205	16.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	274053	23.16	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	595202	18.68	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	738344	18.74	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	77173	13.94	ng/ul	0.00
57) Fluorene-d10	15.26	176	521426	18.41	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	57681	11.23	ng/ul	0.00
70) Anthracene-d10	17.12	188	809935	19.29	ng/ul	0.00
76) Pyrene-d10	19.42	212	935263	19.18	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	1017229	19.29	ng/ul	0.00

Target Compounds

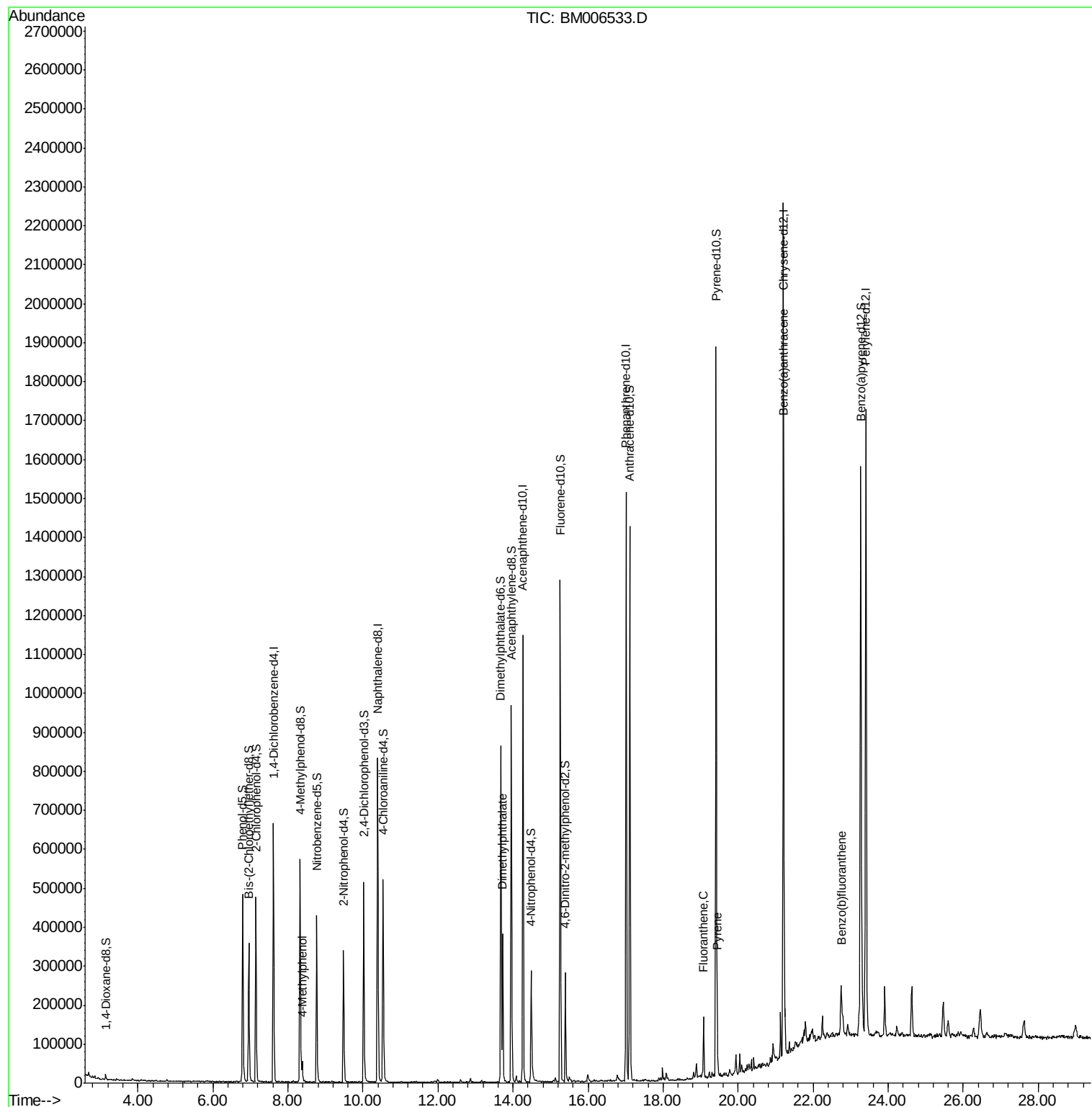
						Qvalue
16) 4-Methylphenol	8.38	108	16037	1.35	ng/ul	99
44) Dimethylphthalate	13.72	163	228597	7.07	ng/ul	99
74) Fluoranthene	19.08	202	91635	1.61	ng/ul	97
77) Pyrene	19.44	202	91978	1.43	ng/ul	97
80) Benzo(a)anthracene	21.20	228	70032	1.07	ng/ul	96
85) Benzo(b)fluoranthene	22.76	252	76199	1.11	ng/ul	94

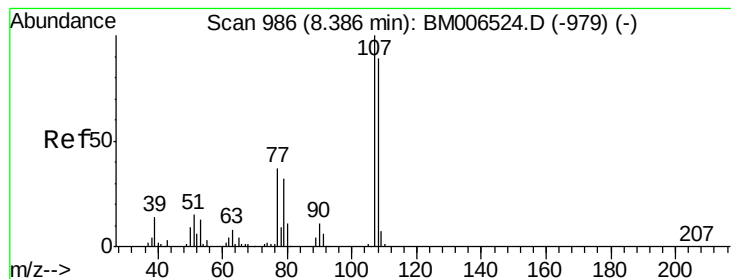
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

4-Methylphenol

Concen: 1.35 ng/ul

RT: 8.38 min Scan# 985

Delta R.T. -0.01 min

Lab File: BM006533.D

Acq: 19 Jul 2016 21:36

Instrument :

BNA_M

ClientSampleId :

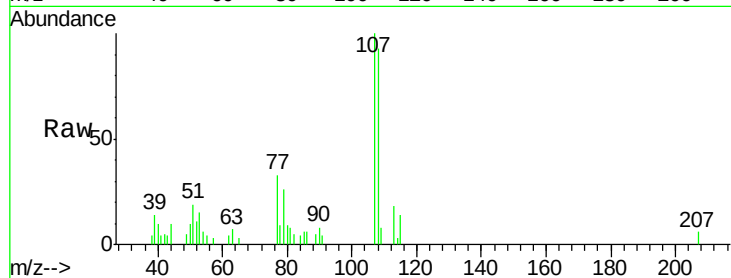
BDJA7

Tgt Ion:108 Resp: 16037

Ion Ratio Lower Upper

108 100

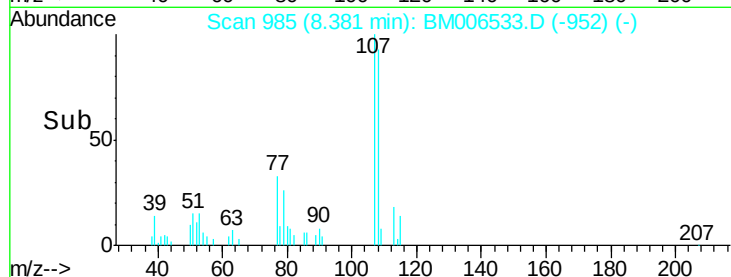
107 107.7 87.4 131.0



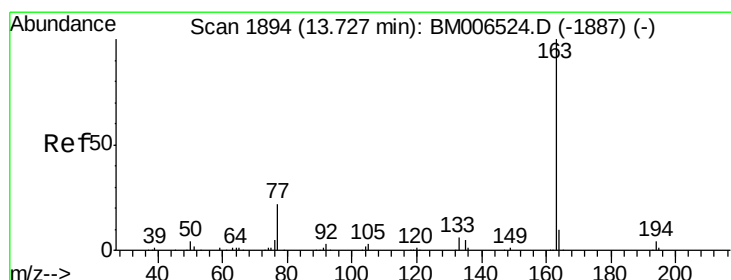
Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

8.38



Time-->



#44

Dimethylphthalate

Concen: 7.07 ng/ul

RT: 13.72 min Scan# 1893

Delta R.T. -0.01 min

Lab File: BM006533.D

Acq: 19 Jul 2016 21:36

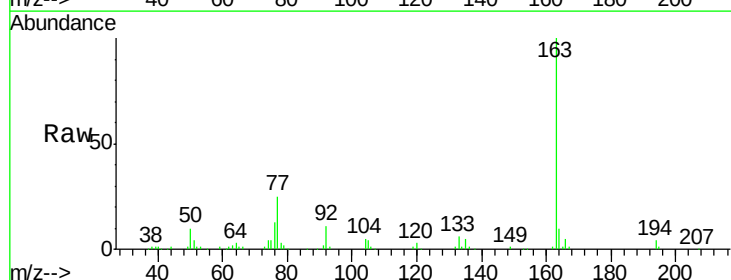
Tgt Ion:163 Resp: 228597

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 10.1 7.8 11.8

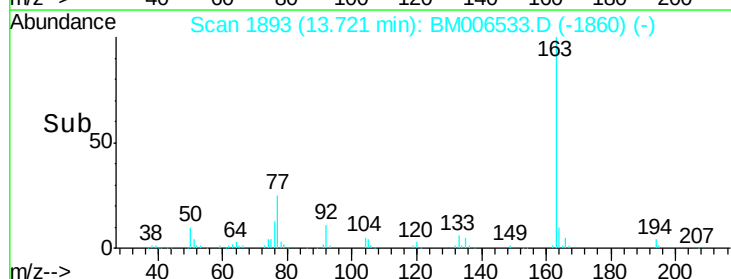


Abundance Ion 163.00 (162.70 to 163.70): E

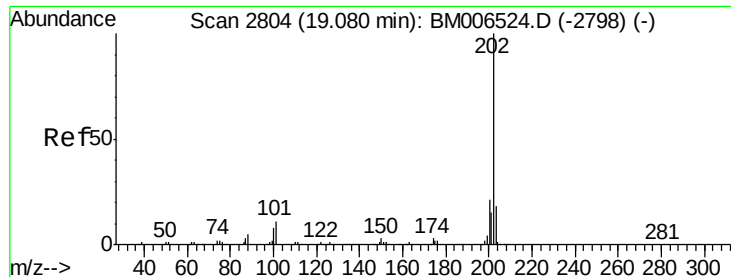
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

13.72



Time-->



#74

Fluoranthene

Concen: 1.61 ng/ul

RT: 19.08 min Scan# 2804

Delta R.T. 0.00 min

Lab File: BM006533.D

Acq: 19 Jul 2016 21:36

Instrument :

BNA_M

ClientSampleId :

BDJA7

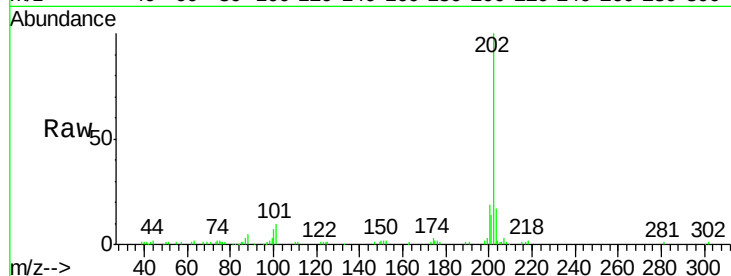
Tgt Ion:202 Resp: 91635

Ion Ratio Lower Upper

202 100

101 9.6 8.6 12.8

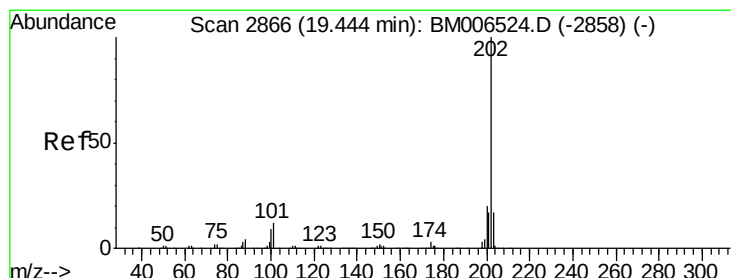
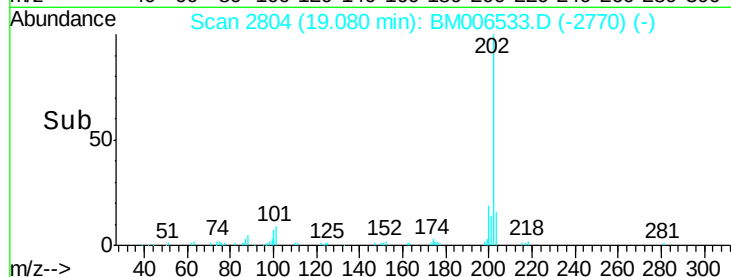
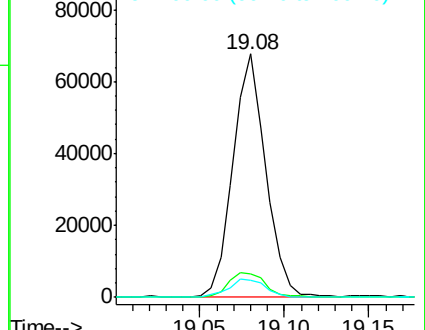
100 7.1 6.4 9.6



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: 1.43 ng/ul

RT: 19.44 min Scan# 2866

Delta R.T. 0.00 min

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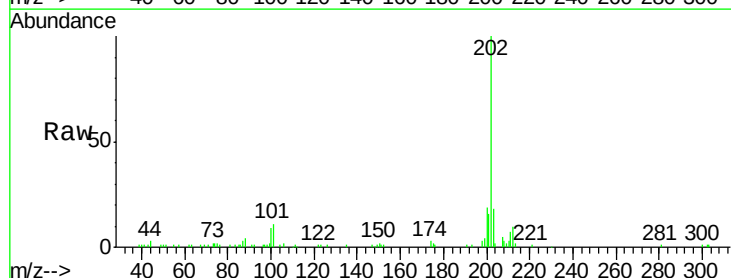
Tgt Ion:202 Resp: 91978

Ion Ratio Lower Upper

202 100

101 11.4 10.0 15.0

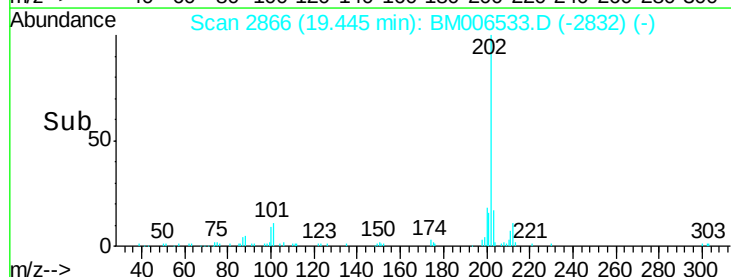
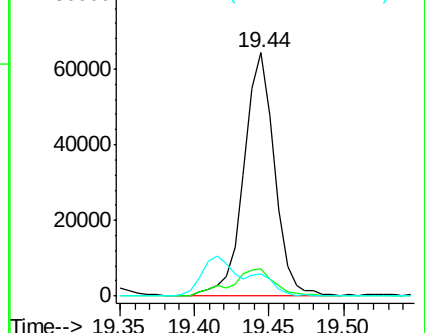
100 8.9 7.9 11.9

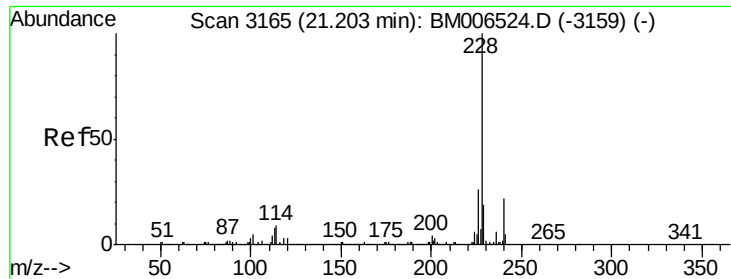


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 1.07 ng/ul

RT: 21.20 min Scan# 3164

Delta R.T. 0.00 min

Lab File: BM006533.D

Acq: 19 Jul 2016 21:36

Instrument :

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ClientSampleId :

BDJA7

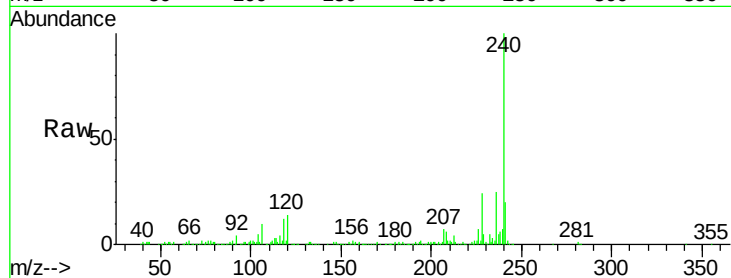
Tgt Ion:228 Resp: 70032

Ion Ratio Lower Upper

228 100

229 20.8 15.6 23.4

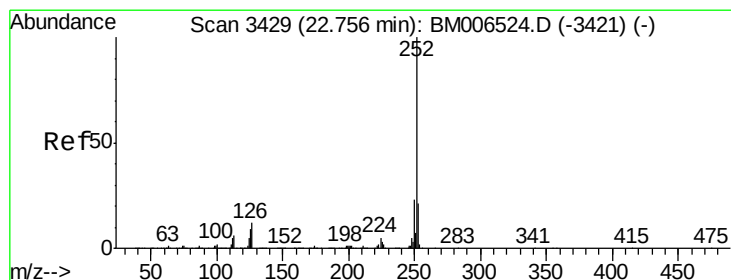
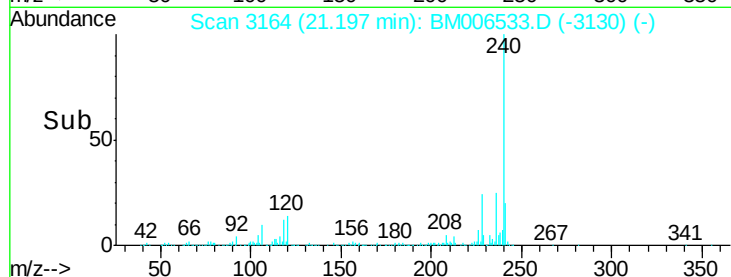
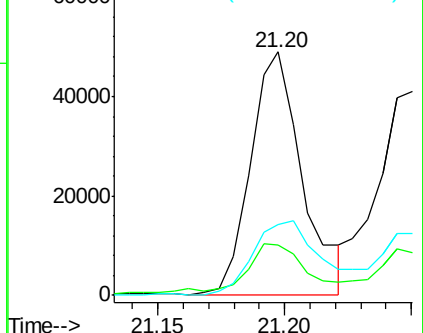
226 29.2 21.4 32.2



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



#85

Benzo(b)fluoranthene

Concen: 1.11 ng/ul

RT: 22.76 min Scan# 3429

Delta R.T. 0.00 min

Lab File: BM006533.D

Acq: 19 Jul 2016 21:36

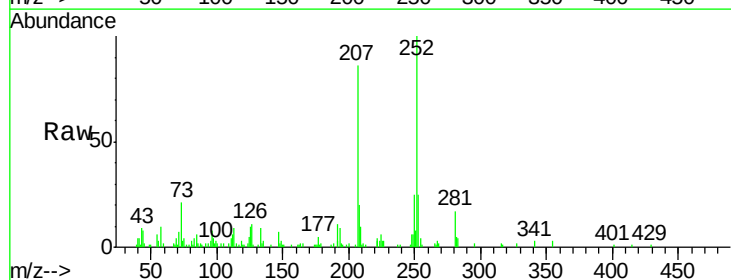
Tgt Ion:252 Resp: 76199

Ion Ratio Lower Upper

252 100

253 25.4 17.4 26.2

125 9.7 6.7 10.1



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

