

Data Path : V:\HPCHEM1\BNA M\DATA\BM070916\
 Data File : BM006368.D
 Acq On : 09 Jul 2016 01:55
 Operator : UM/SJ
 Sample : H3861-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDJ13

Quant Time: Jul 11 04:27:44 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM070216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 11 03:50:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	183127	20.00	ng/ul	0.01
18) Naphthalene-d8	10.42	136	840129	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	510634	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.04	188	1172206	20.00	ng/ul	0.00
75) Chrysene-d12	21.23	240	1071256	20.00	ng/ul	0.00
83) Perylene-d12	23.44	264	917398	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	6256	1.46	ng/uL	0.00
5) Phenol-d5	6.82	99	313493	18.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	196470	19.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	247259	18.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	263769	19.01	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	127643	19.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	139000	18.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	252771	18.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	340539	23.83	ng/ul	0.00
43) Dimethylphthalate-d6	13.70	166	833037	19.55	ng/ul	0.00
46) Acenaphthylene-d8	13.98	160	1035257	19.62	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	125290	15.51	ng/ul	0.00
57) Fluorene-d10	15.29	176	739308	20.12	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	88377	12.87	ng/ul	0.00
70) Anthracene-d10	17.14	188	1214839	21.72	ng/ul	0.00
76) Pyrene-d10	19.44	212	1378657	26.99	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.30	264	1020101	23.93	ng/ul	0.00

Target Compounds

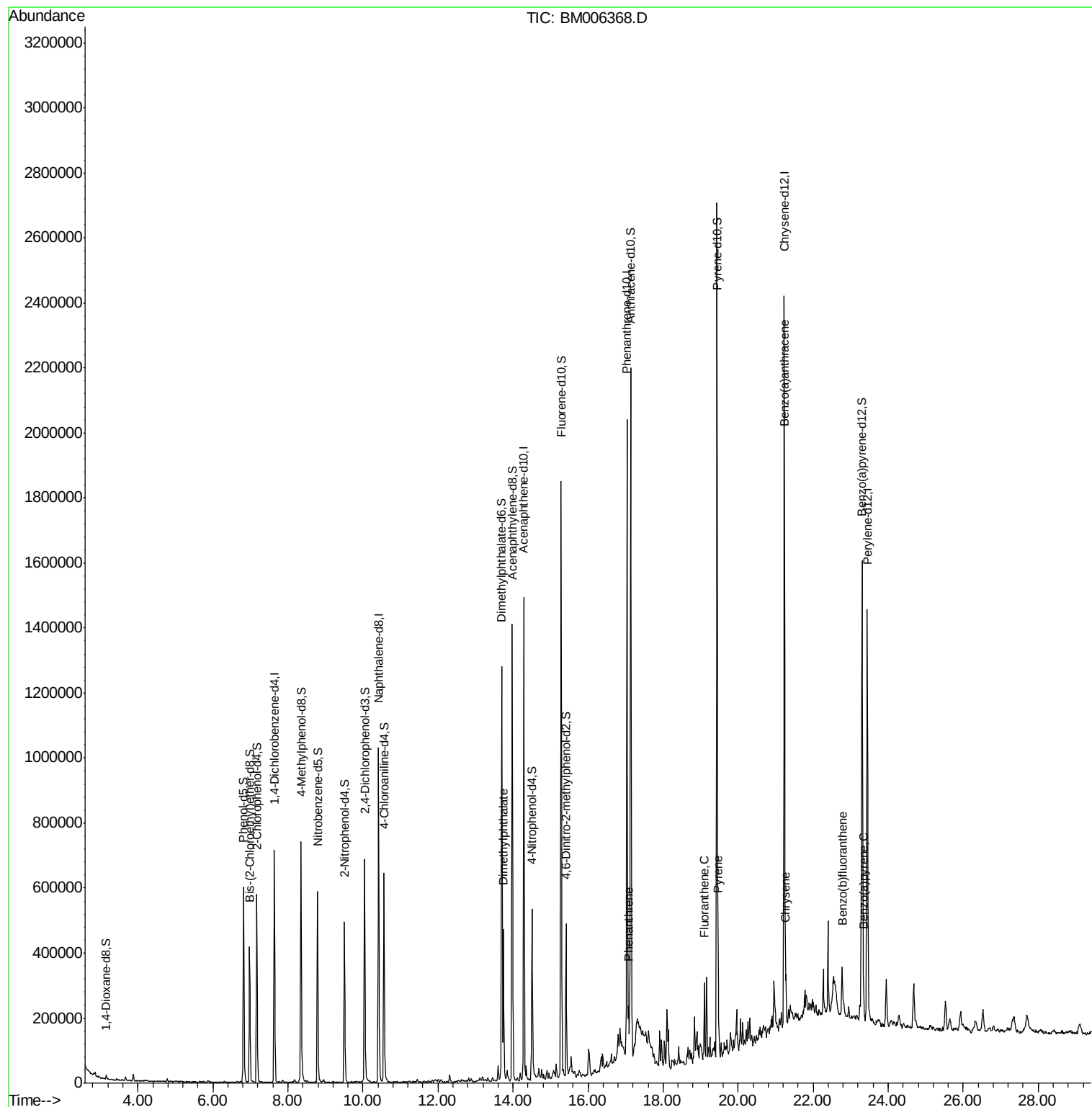
						Ovalue
44) Dimethylphthalate	13.75	163	269672	6.30	ng/ul	99
69) Phenanthrene	17.08	178	67017	1.03	ng/ul	96
74) Fluoranthene	19.10	202	129149	1.77	ng/ul	99
77) Pyrene	19.47	202	177707	2.65	ng/ul	96
80) Benzo(a)anthracene	21.22	228	87699	1.33	ng/ul#	86
82) Chrysene	21.27	228	91933	1.53	ng/ul	94
85) Benzo(b)fluoranthene	22.78	252	62500	1.15	ng/ul#	89
88) Benzo(a)pyrene	23.34	252	64649	1.23	ng/ul	94

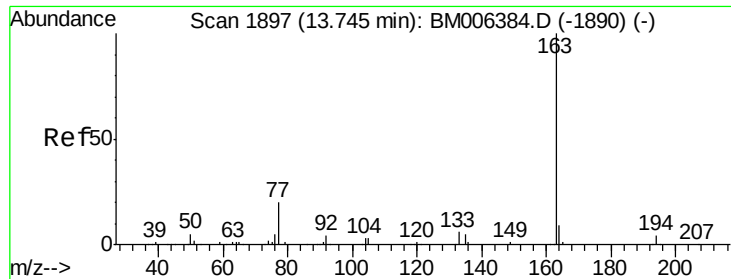
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 6.30 ng/ul

RT: 13.75 min Scan# 1897

Delta R.T. 0.01 min

Lab File: BM006368.D

Acq: 09 Jul 2016 01:55

Instrument :

BNA_M

ClientSampleID :

BDJ13

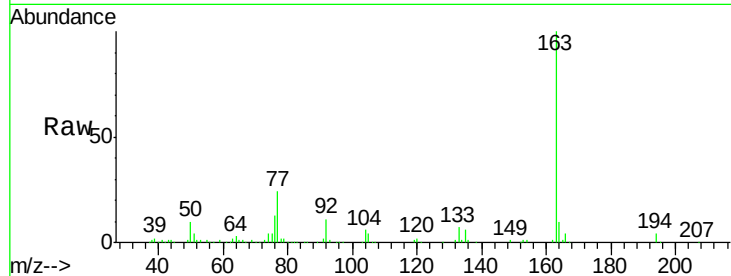
Tot Ion:163 Resp: 269672

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

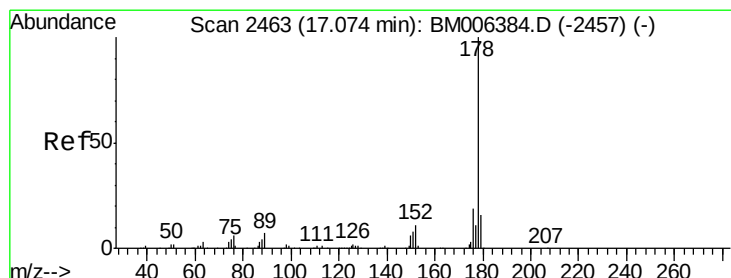
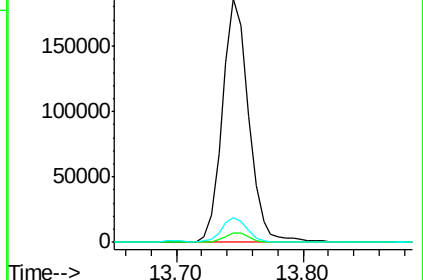
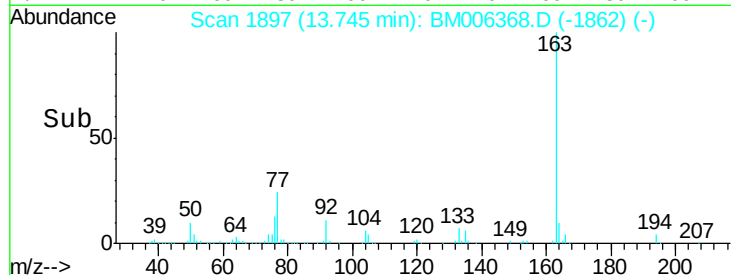
164 10.0 7.8 11.8



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: 1.03 ng/ul

RT: 17.08 min Scan# 2464

Delta R.T. 0.01 min

Lab File: BM006368.D

Acq: 09 Jul 2016 01:55

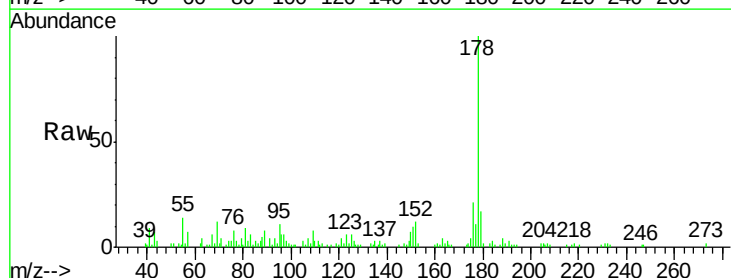
Tgt Ion:178 Resp: 67017

Ion Ratio Lower Upper

178 100

179 17.0 11.9 17.9

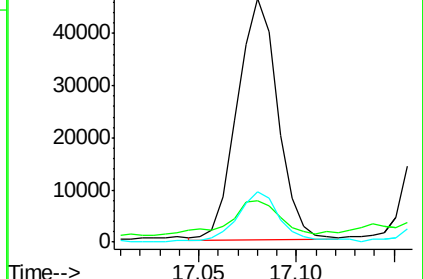
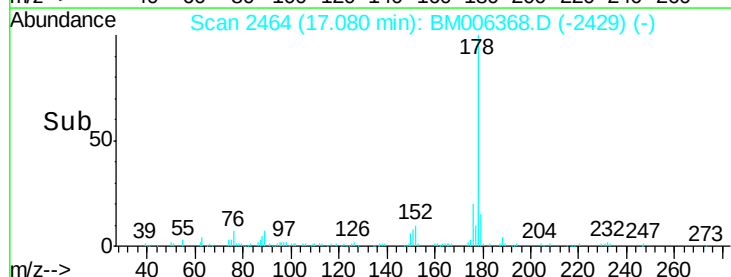
176 20.6 15.2 22.8

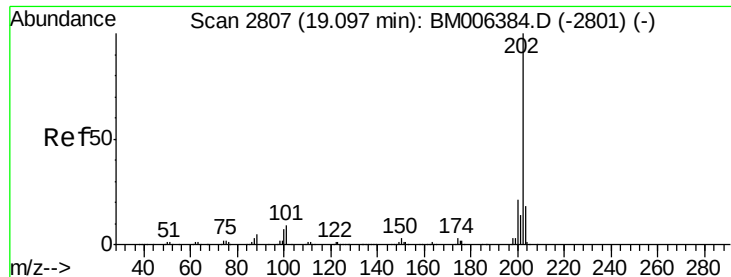


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 1.77 ng/ul

RT: 19.10 min Scan# 2808

Delta R.T. 0.01 min

Lab File: BM006368.D

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Instrument :

BNA_M

ClientSampleId :

BDJ13

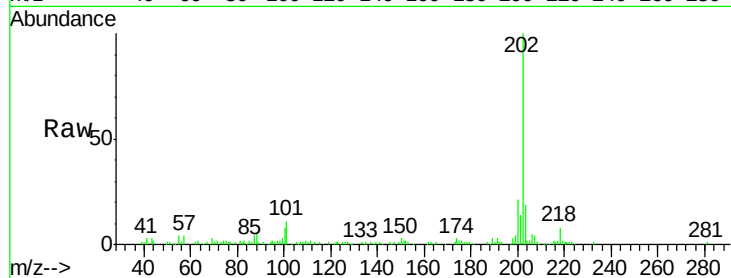
Tot Ion:202 Resp: 129149

Ion Ratio Lower Upper

202 100

101 11.0 8.6 12.8

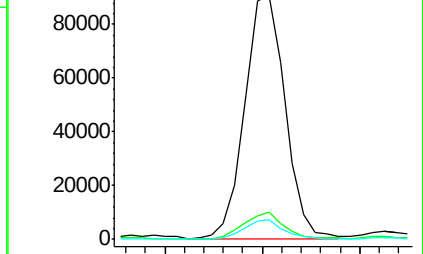
100 8.2 6.4 9.6



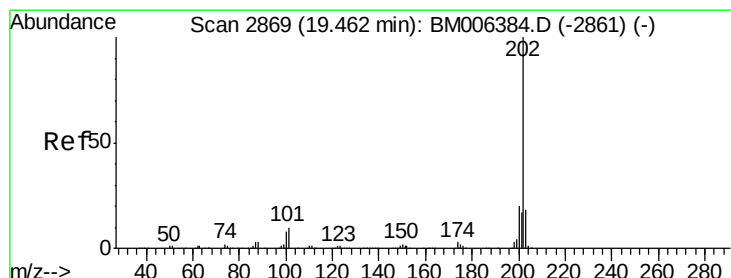
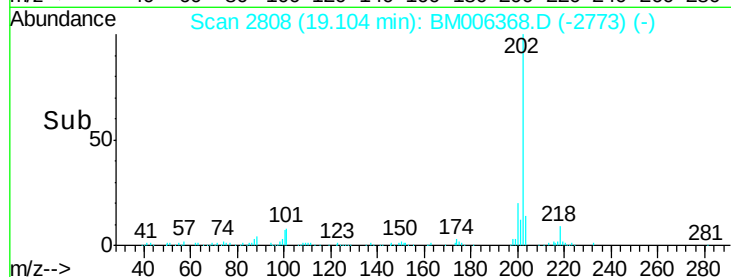
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->



#77

Pyrene

Concen: 2.65 ng/ul

RT: 19.47 min Scan# 2870

Delta R.T. 0.01 min

Lab File: BM006368.D

Acq: 09 Jul 2016 01:55

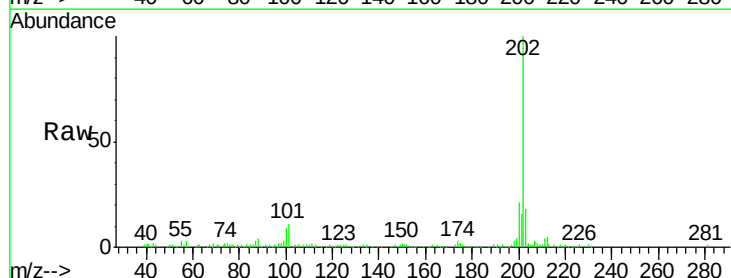
Tgt Ion:202 Resp: 177707

Ion Ratio Lower Upper

202 100

101 10.7 10.0 15.0

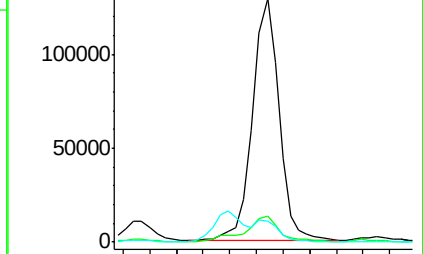
100 8.8 7.9 11.9



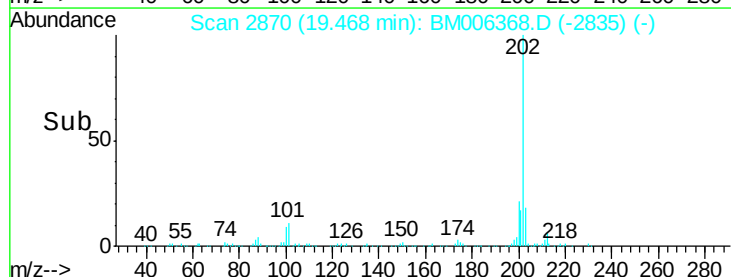
Abundance Ion 202.00 (201.70 to 202.70): E

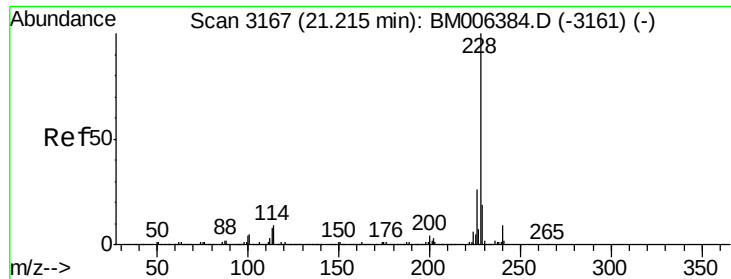
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->





#80

Benzo(a)anthracene

Concen: 1.33 ng/ul

RT: 21.22 min Scan# 3168

Delta R.T. 0.00 min

Lab File: BM006368.D

Acq: 09 Jul 2016 01:55

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BDJ13

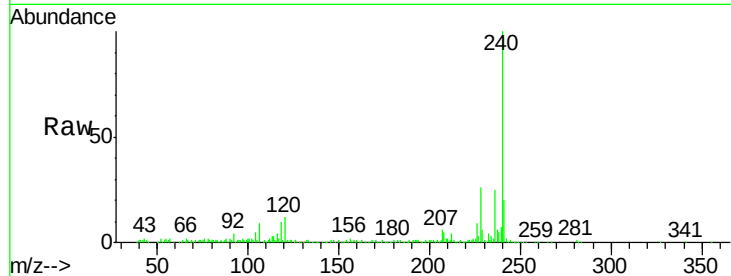
Tot Ion:228 Resp: 87699

Ion Ratio Lower Upper

228 100

229 22.8 15.6 23.4

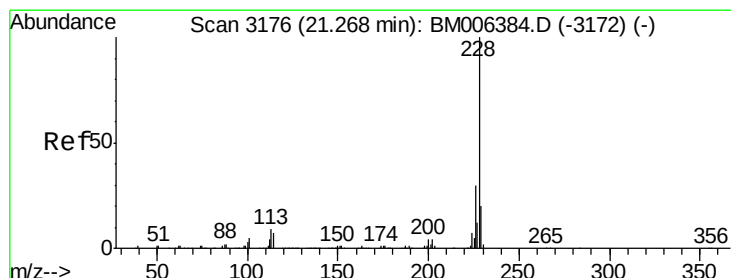
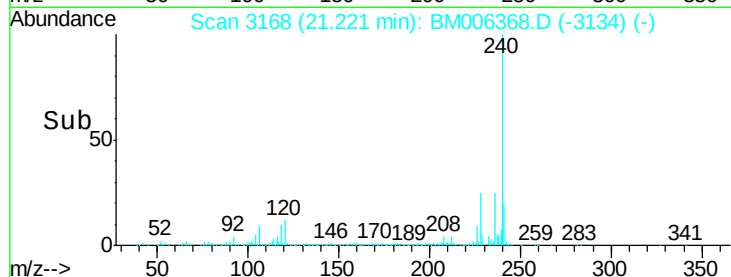
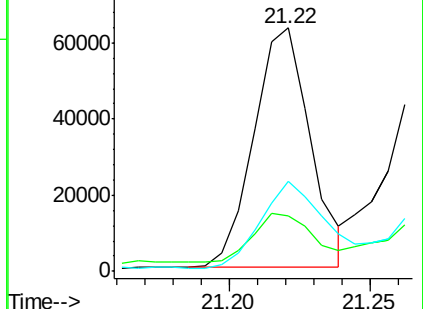
226 36.9 21.4 32.2#



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



#82

Chrysene

Concen: 1.53 ng/ul

RT: 21.27 min Scan# 3176

Delta R.T. 0.00 min

Lab File: BM006368.D

Acq: 09 Jul 2016 01:55

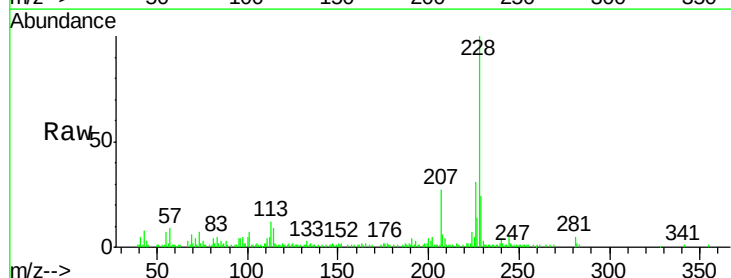
Tgt Ion:228 Resp: 91933

Ion Ratio Lower Upper

228 100

226 31.1 23.3 34.9

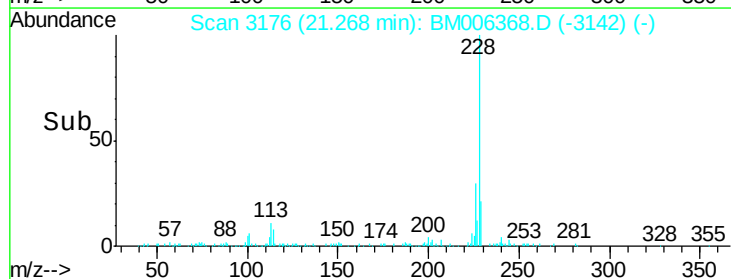
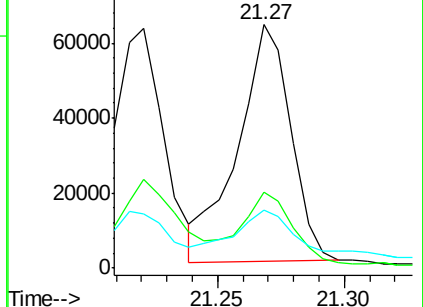
229 23.6 15.8 23.8

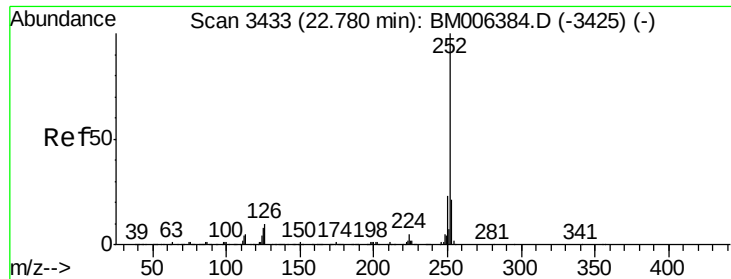


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 1.15 ng/ul

RT: 22.78 min Scan# 3433

Delta R.T. 0.00 min

Lab File: BM006368.D

Acq: 09 Jul 2016 01:55

Instrument :

BNA_M

ClientSampleId :

BDJ13

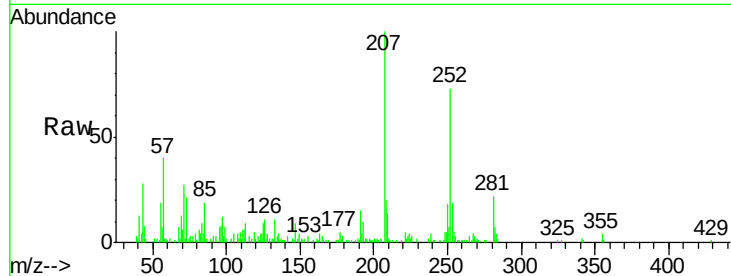
Tot Ion:252 Resp: 62500

Ion Ratio Lower Upper

252 100

253 26.3 17.4 26.2#

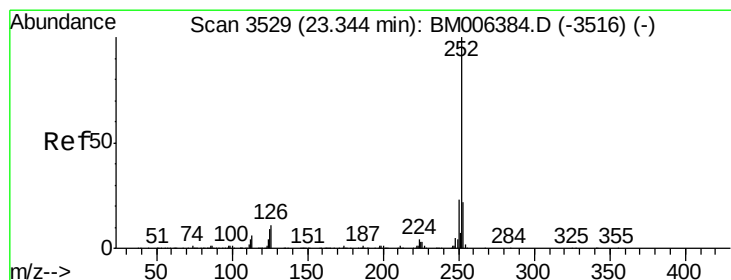
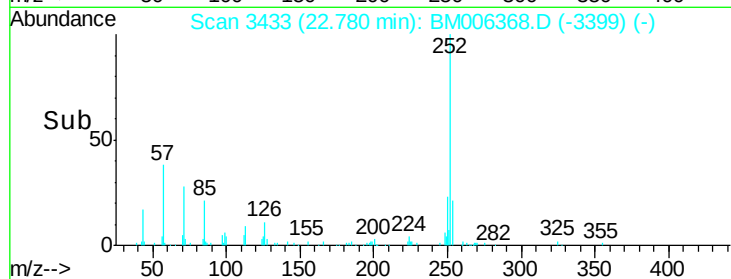
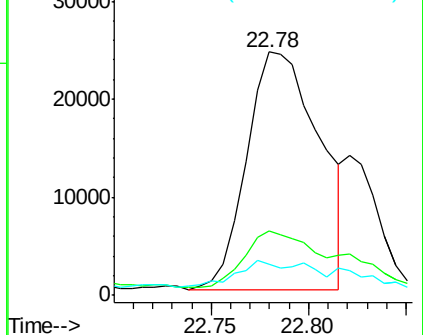
125 13.0 6.7 10.1#



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



#88

Benzo(a)pyrene

Concen: 1.23 ng/ul

RT: 23.34 min Scan# 3529

Delta R.T. 0.00 min

Lab File: BM006368.D

Acq: 09 Jul 2016 01:55

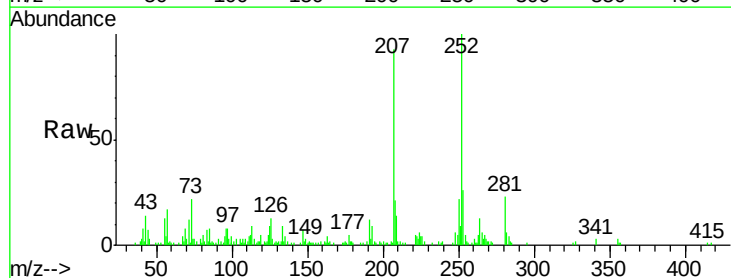
Tgt Ion:252 Resp: 64649

Ion Ratio Lower Upper

252 100

253 26.1 17.4 26.2

125 9.4 7.6 11.4



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

