

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111115\
 Data File : BM003102.D
 Acq On : 12 Nov 2015 02:37
 Operator : UM/IZ
 Sample : G4322-15
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4HS6

Quant Time: Nov 13 11:31:19 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 13 11:02:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	143839	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	679536	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.40	164	409205	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.14	188	882951	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	792578	20.00	ng/ul	0.00
86) Perylene-d12	23.59	264	726695	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.21	96	6625	2.17	ng/uL	0.00
5) Phenol-d5	6.91	99	139642	12.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	85924	12.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	123521	12.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	120596	13.15	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	62353	15.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	68927	16.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	123783	13.15	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	115131	9.45	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	446573	14.51	ng/ul	0.00
47) Acenaphthylene-d8	14.09	160	511420	13.11	ng/ul	0.00
52) 4-Nitrophenol-d4	14.59	143	54118	10.43	ng/ul	0.00
58) Fluorene-d10	15.39	176	383628	14.41	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	55176	13.49	ng/ul	0.00
71) Anthracene-d10	17.24	188	540246	13.80	ng/ul	0.00
79) Pyrene-d10	19.54	212	543928	13.94	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.44	264	474995	13.75	ng/ul	0.00

Target Compounds

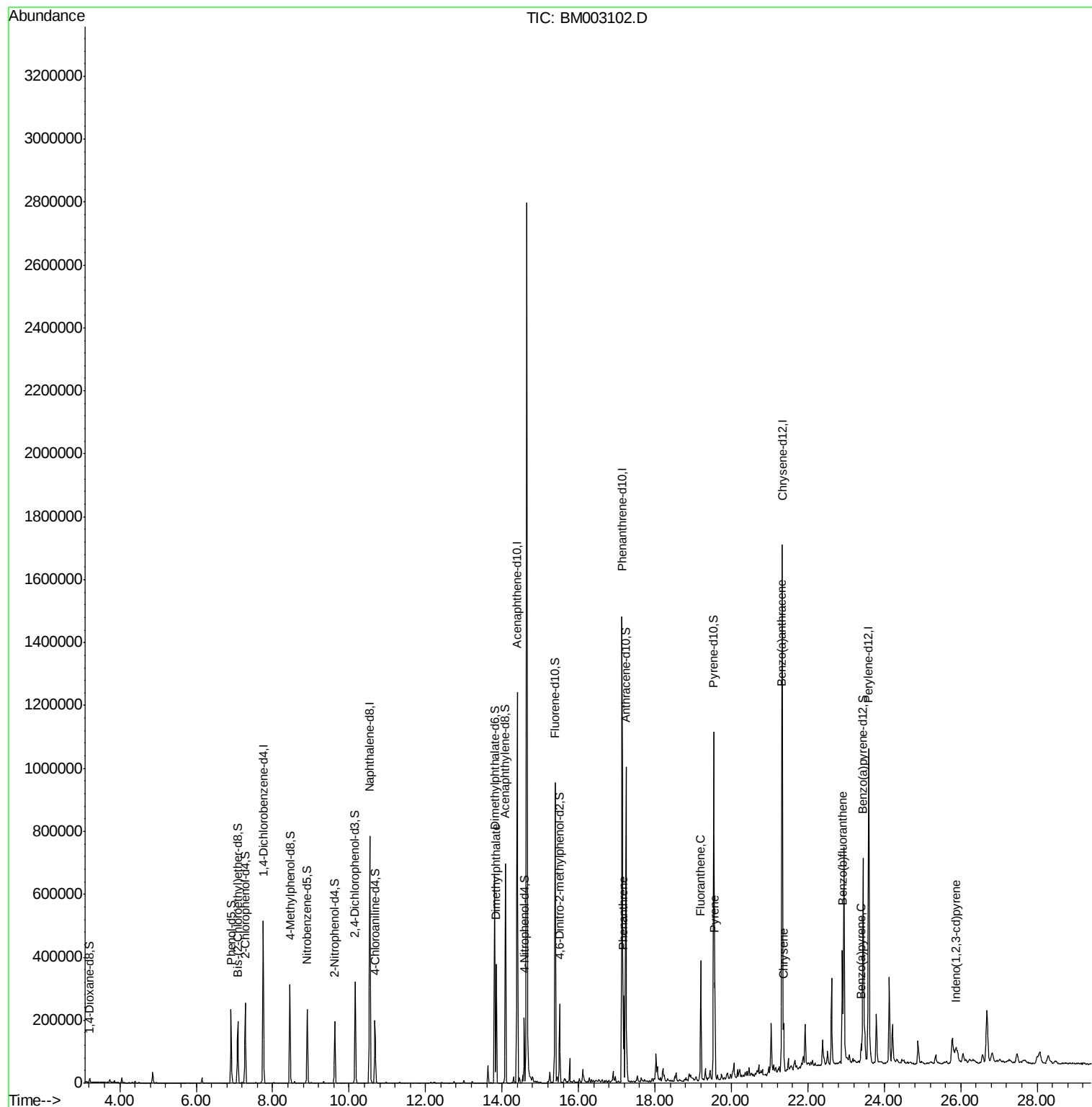
						Qvalue
45) Dimethylphthalate	13.85	163	239451	7.63	ng/ul	99
70) Phenanthrene	17.18	178	165813	3.32	ng/ul	99
77) Fluoranthene	19.20	202	224268	4.44	ng/ul#	94
80) Pyrene	19.57	202	188158	3.63	ng/ul#	92
83) Benzo(a)anthracene	21.32	228	79418	1.82	ng/ul	97
85) Chrysene	21.37	228	85154	1.98	ng/ul	99
88) Benzo(b)fluoranthene	22.91	252	96255	2.30	ng/ul	97
91) Benzo(a)pyrene	23.39	252	44132	1.11	ng/ul	95
92) Indeno(1,2,3-cd)pyrene	25.87	276	45093	1.03	ng/ul#	89

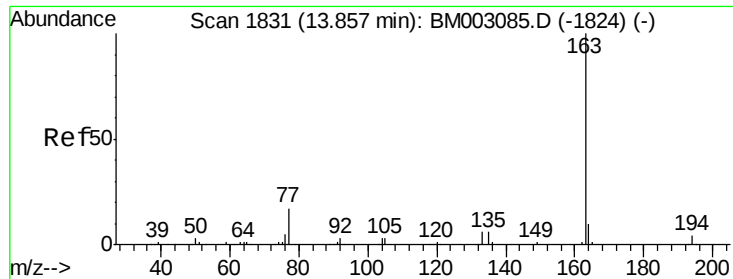
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 7.63 ng/ul

RT: 13.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BM003102.D

Acq: 12 Nov 2015 02:37

Instrument :

BNA_M

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A4HS6

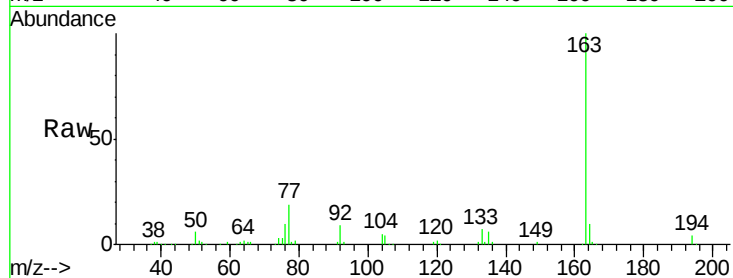
Tgt Ion:163 Resp: 239451

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

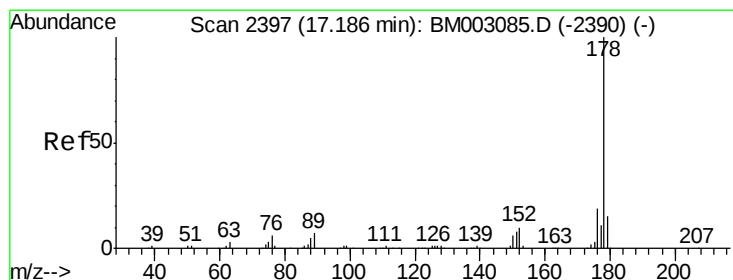
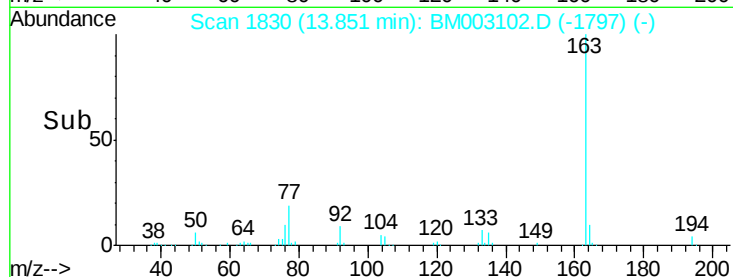
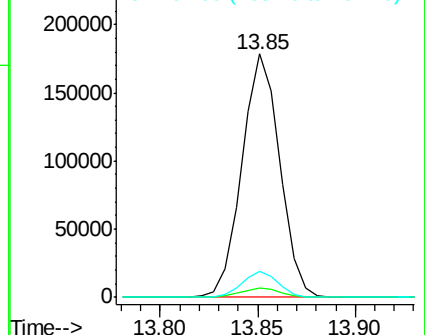
164 10.5 7.8 11.8



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



#70

Phenanthrene

Concen: 3.32 ng/ul

RT: 17.18 min Scan# 2396

Delta R.T. -0.01 min

Lab File: BM003102.D

Acq: 12 Nov 2015 02:37

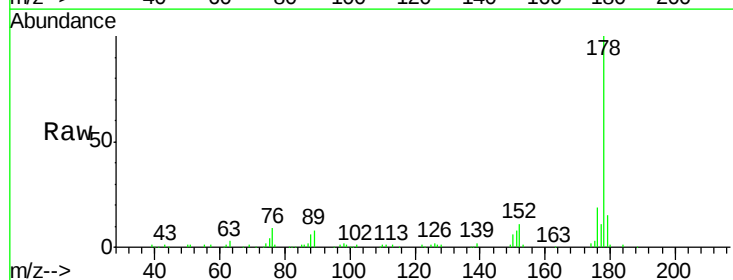
Tgt Ion:178 Resp: 165813

Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.4

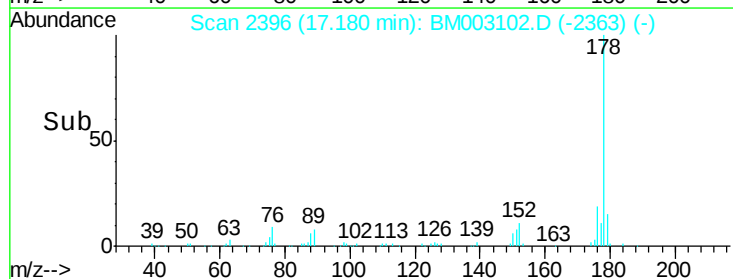
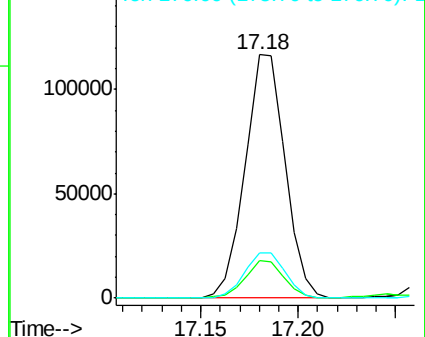
176 18.8 14.7 22.1

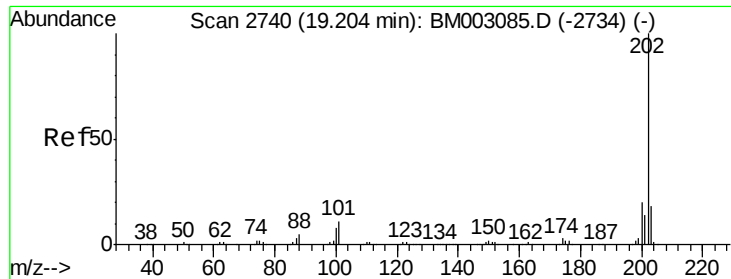


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

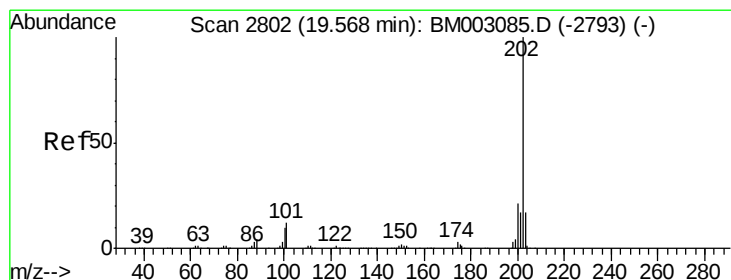
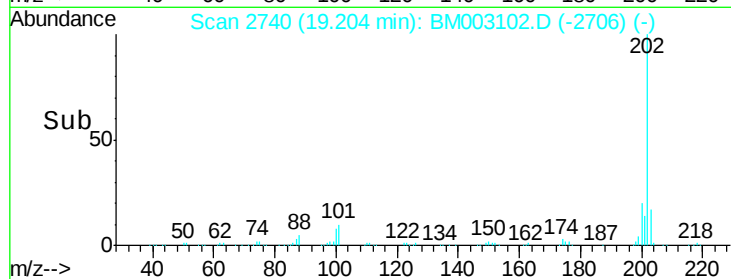
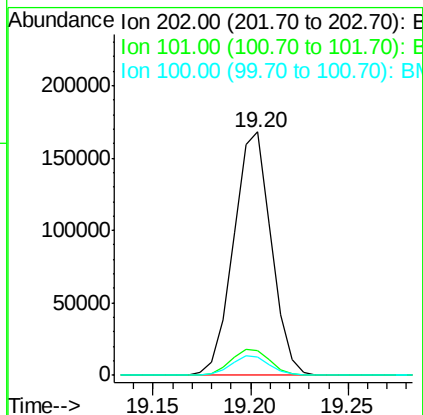
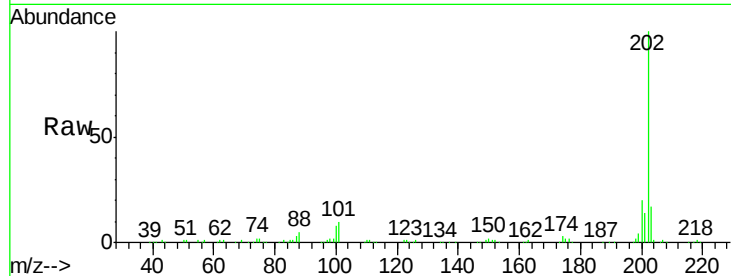




#77
Fluoranthene
 Concen: 4.44 ng/ul
 RT: 19.20 min Scan# 2740
 Delta R.T. -0.00 min
 Lab File: BM003102.D
 Acq: 12 Nov 2015 02:37

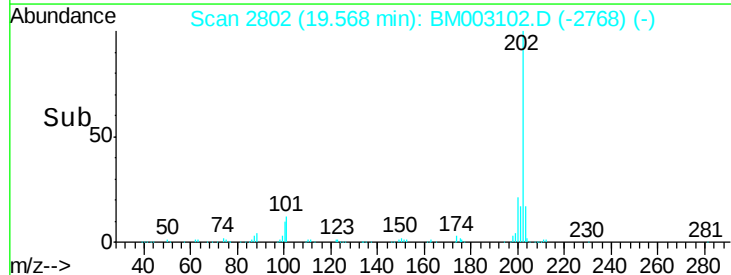
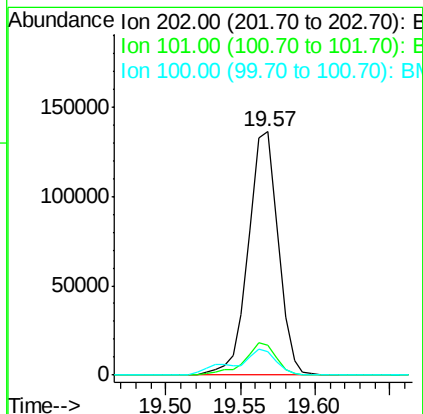
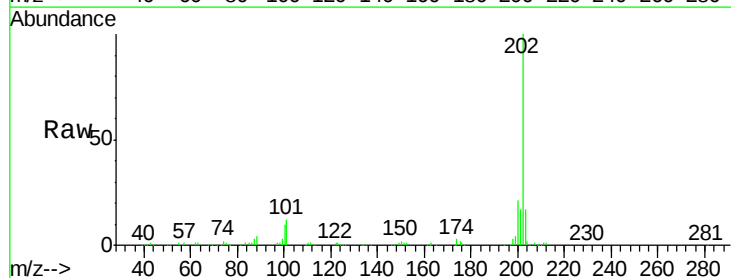
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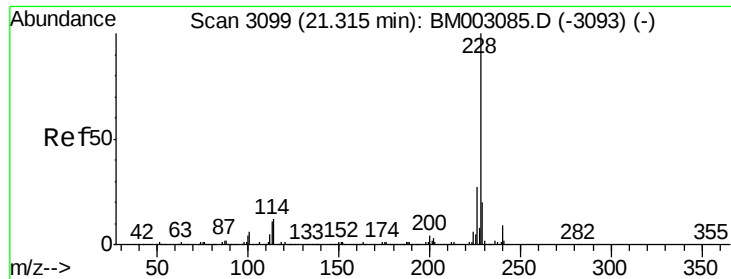
Tgt Ion:202 Resp: 224268
 Ion Ratio Lower Upper
 202 100
 101 10.3 10.4 15.6#
 100 7.7 7.8 11.6#



#80
Pyrene
 Concen: 3.63 ng/ul
 RT: 19.57 min Scan# 2802
 Delta R.T. -0.00 min
 Lab File: BM003102.D
 Acq: 12 Nov 2015 02:37

Tgt Ion:202 Resp: 188158
 Ion Ratio Lower Upper
 202 100
 101 12.4 12.6 18.8#
 100 9.8 10.6 15.8#





#83

Benzo(a)anthracene

Concen: 1.82 ng/ul

RT: 21.32 min Scan# 3099

Delta R.T. -0.00 min

Lab File: BM003102.D

Acq: 12 Nov 2015 02:37

Instrument :

BNA_M

ClientSampleId :

A4HS6

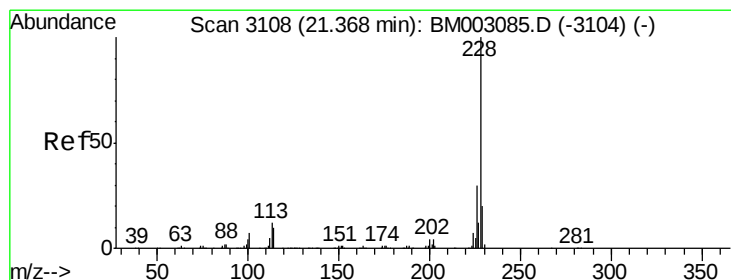
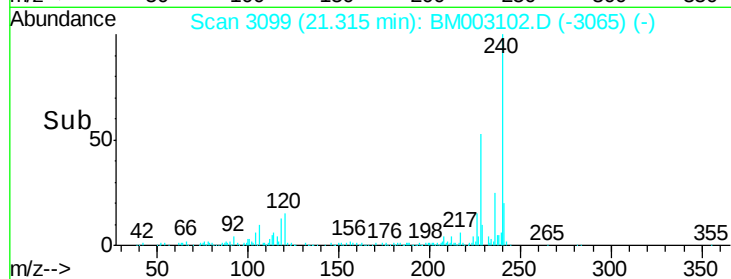
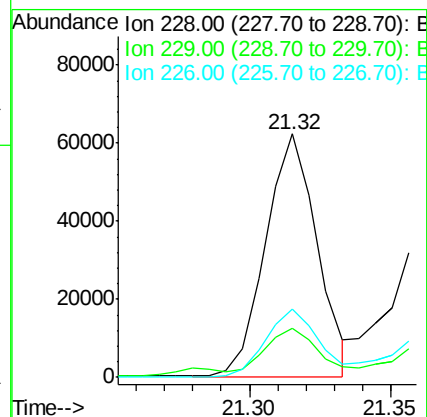
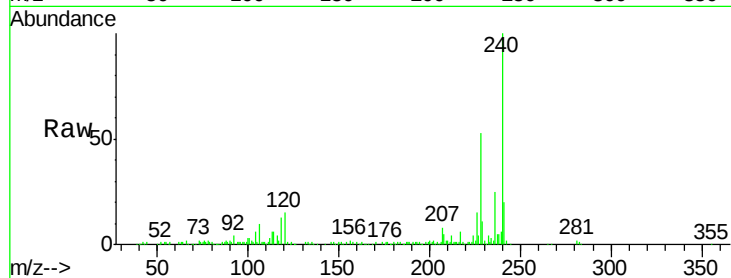
Tgt Ion:228 Resp: 79418

Ion Ratio Lower Upper

228 100

229 20.0 15.6 23.4

226 28.3 21.0 31.6



#85

Chrysene

Concen: 1.98 ng/ul

RT: 21.37 min Scan# 3108

Delta R.T. -0.00 min

Lab File: BM003102.D

Acq: 12 Nov 2015 02:37

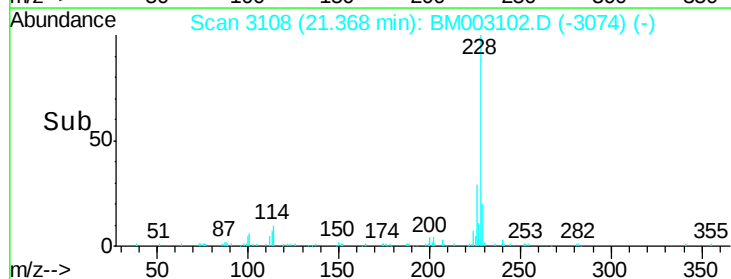
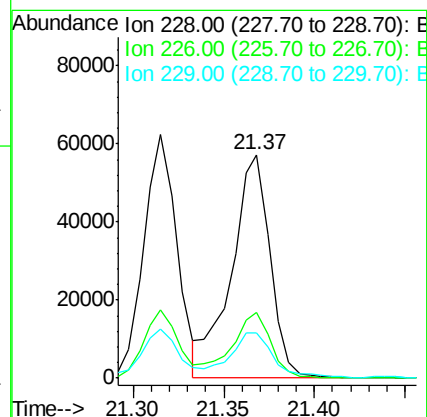
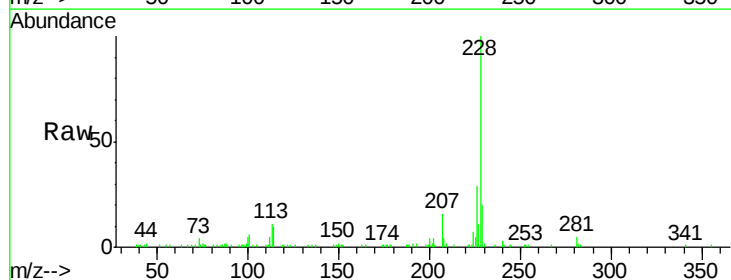
Tgt Ion:228 Resp: 85154

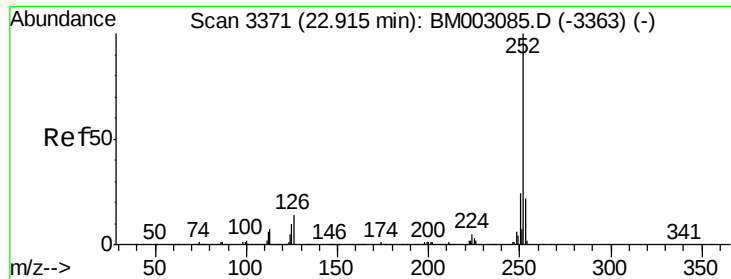
Ion Ratio Lower Upper

228 100

226 29.4 23.3 34.9

229 20.0 15.8 23.6





#88

Benzo(b)fluoranthene

Concen: 2.30 ng/ul

RT: 22.91 min Scan# 3370

Delta R.T. -0.01 min

Lab File: BM003102.D

Acq: 12 Nov 2015 02:37

Instrument :

BNA_M

ClientSampleId :

A4HS6

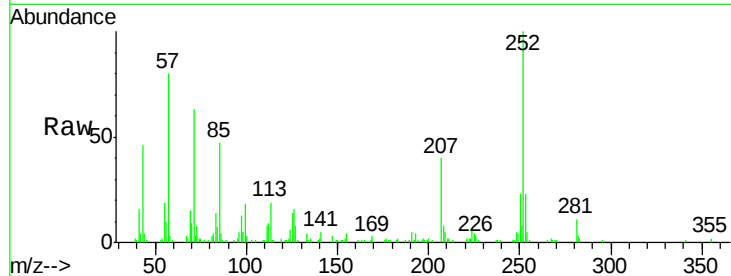
Tgt Ion:252 Resp: 96255

Ion Ratio Lower Upper

252 100

253 23.2 17.4 26.2

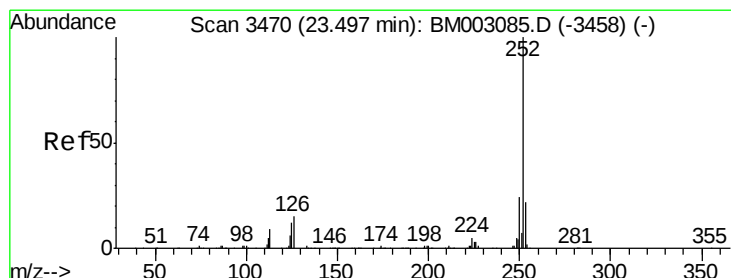
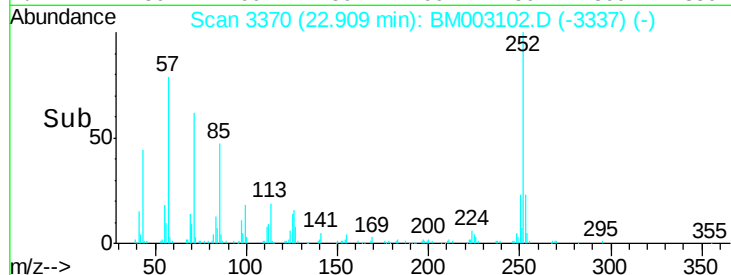
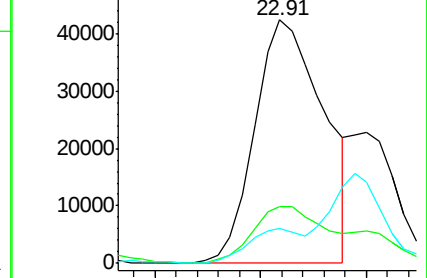
125 14.3 10.7 16.1



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



#91

Benzo(a)pyrene

Concen: 1.11 ng/ul

RT: 23.39 min Scan# 3452

Delta R.T. -0.11 min

Lab File: BM003102.D

Acq: 12 Nov 2015 02:37

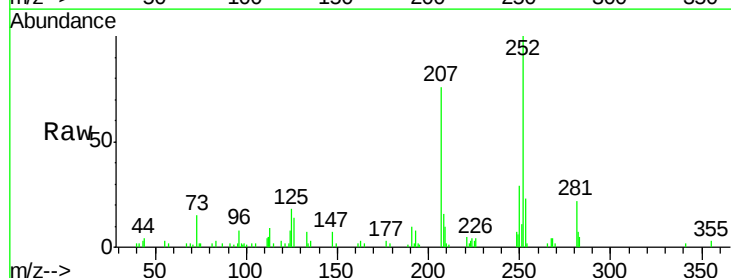
Tgt Ion:252 Resp: 44132

Ion Ratio Lower Upper

252 100

253 23.4 17.1 25.7

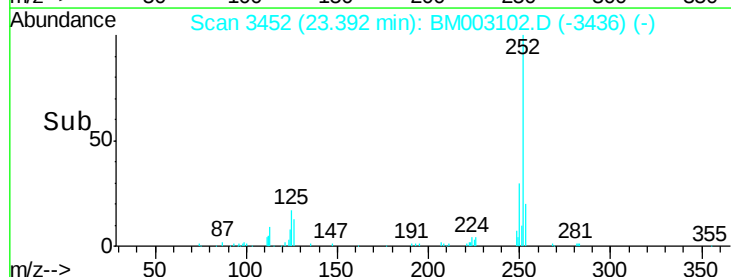
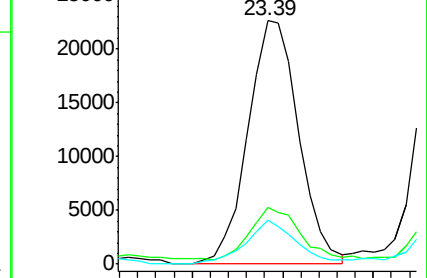
125 17.8 11.9 17.9

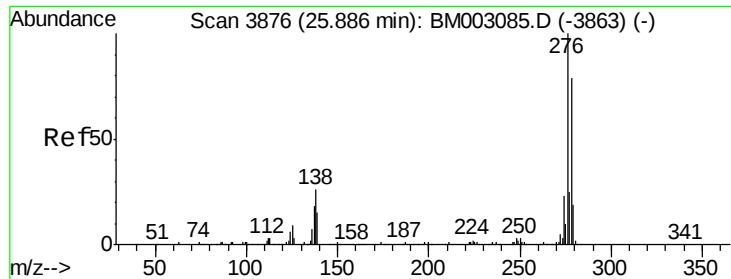


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#92

Indeno(1,2,3-cd)pyrene

Concen: 1.03 ng/ul

RT: 25.87 min Scan# 3874

Delta R.T. -0.01 min

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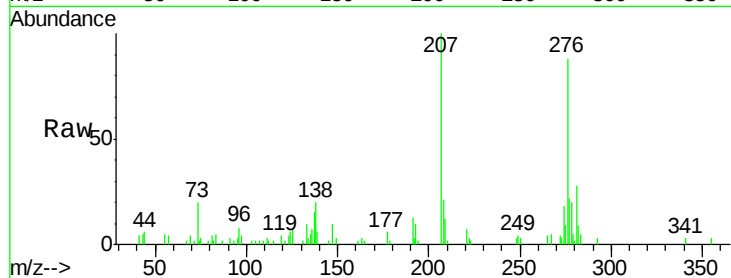
Tgt Ion:276 Resp: 45093

Ion Ratio Lower Upper

276 100

138 22.4 26.6 40.0#

277 25.3 20.2 30.4



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

