

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111715\
 Data File : BM003158.D
 Acq On : 17 Nov 2015 00:26
 Operator : UM/IZ
 Sample : G4323-27
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4J47

Quant Time: Nov 17 02:48:19 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM103015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 17 02:43:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	156586	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	702392	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	390336	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	790433	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	770123	20.00	ng/ul	0.00
86) Perylene-d12	23.59	264	774000	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	8786	2.65	ng/uL	0.00
5) Phenol-d5	6.90	99	168894	13.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	100931	13.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	147600	14.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	135551	13.58	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	70408	16.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	76525	17.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	138701	14.25	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	76831	6.10	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	454531	15.48	ng/ul	0.00
47) Acenaphthylene-d8	14.08	160	494604	13.29	ng/ul	0.00
52) 4-Nitrophenol-d4	14.58	143	58763	11.87	ng/ul	0.00
58) Fluorene-d10	15.39	176	351562	13.85	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	45322	12.38	ng/ul	0.00
71) Anthracene-d10	17.23	188	459691	13.12	ng/ul	0.00
79) Pyrene-d10	19.53	212	439482	11.59	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.44	264	403114	10.96	ng/ul	0.00

Target Compounds

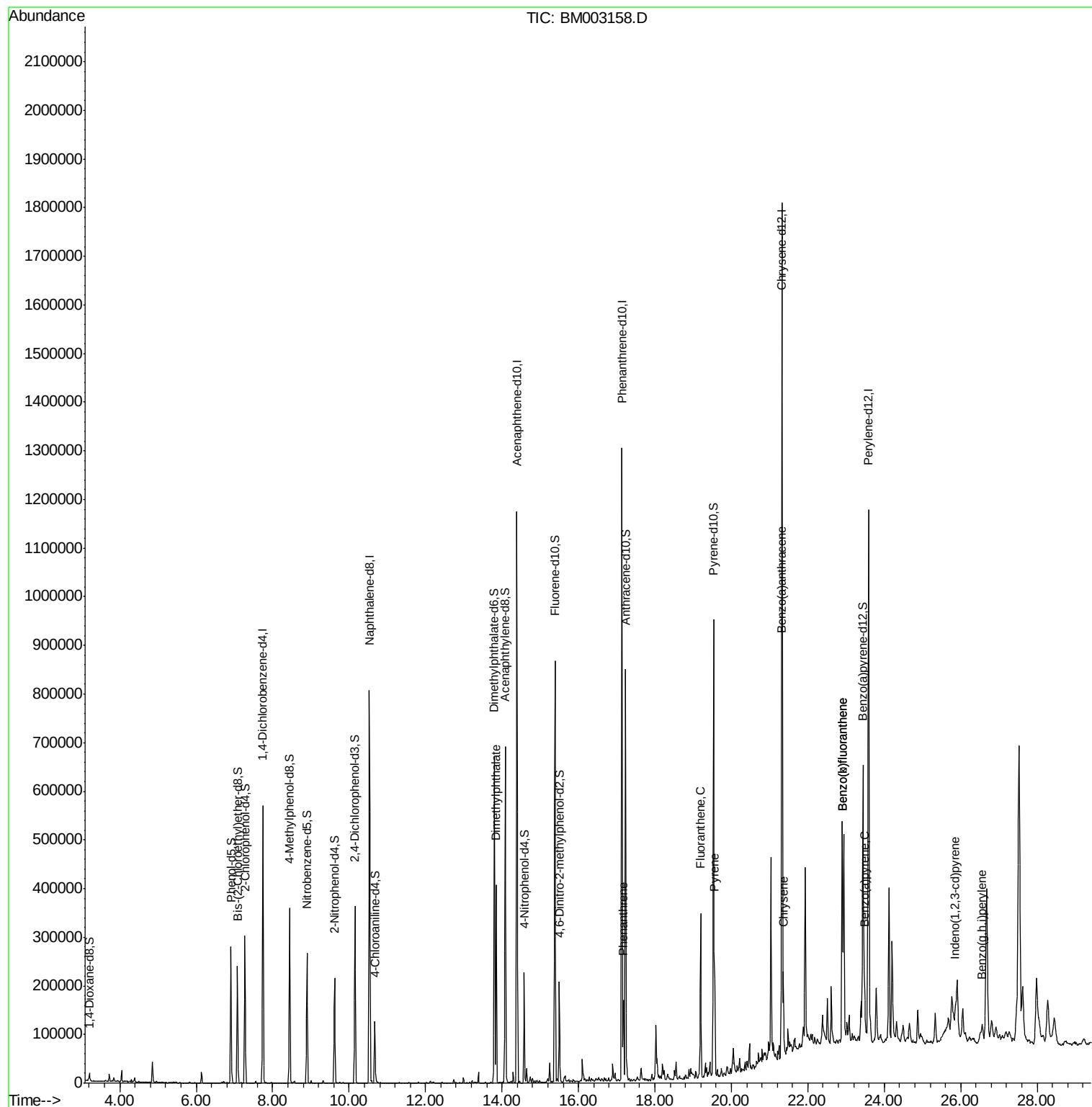
						Ovalue
45) Dimethylphthalate	13.84	163	262453	8.77	ng/ul	99
70) Phenanthrene	17.18	178	99234	2.22	ng/ul	99
77) Fluoranthene	19.20	202	196053	4.33	ng/ul	95
80) Pyrene	19.56	202	172535	3.42	ng/ul#	92
83) Benzo(a)anthracene	21.31	228	76699	1.81	ng/ul	94
85) Chrysene	21.36	228	87813	2.10	ng/ul	98
88) Benzo(b)fluoranthene	22.91	252	122244	2.74	ng/ul	98
89) Benzo(k)fluoranthene	22.91	252	45160	1.09	ng/ul	98
91) Benzo(a)pyrene	23.49	252	77129	1.83	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.86	276	60036	1.29	ng/ul#	89
94) Benzo(g,h,i)perylene	26.57	276	47682	1.14	ng/ul	95

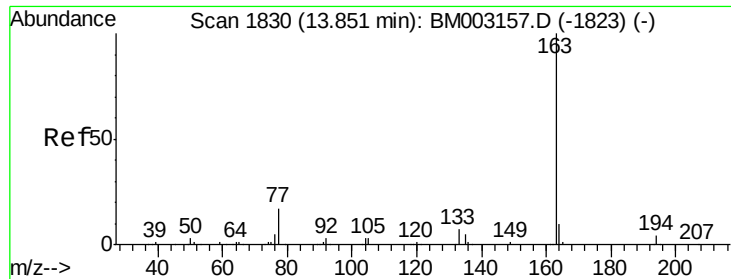
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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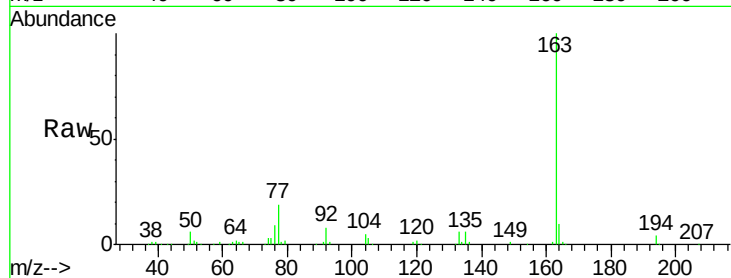




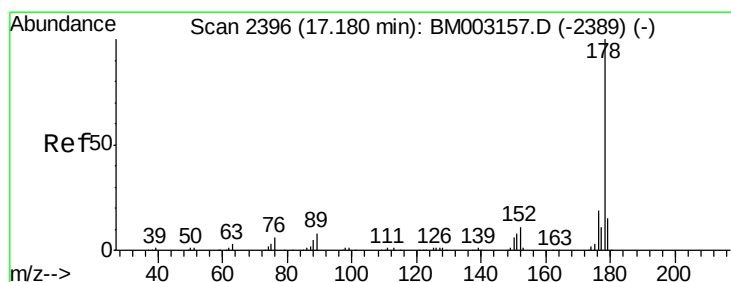
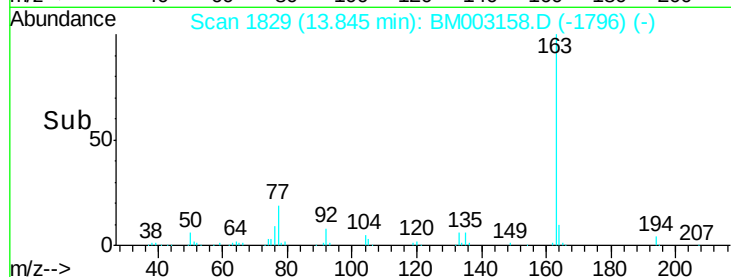
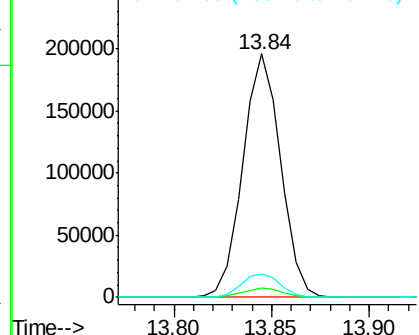
#45
Dimethylphthalate
Concen: 8.77 ng/ul
RT: 13.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BM003158.D
Acq: 17 Nov 2015 00:26

Instrument :
BNA_M
ClientSampled :
A4J47

Tot Ion:163 Resp: 262453
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 9.5 7.8 11.8

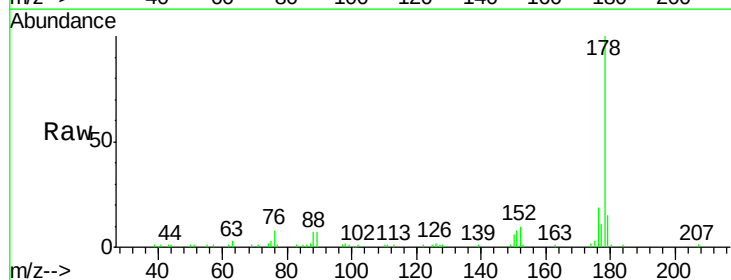


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

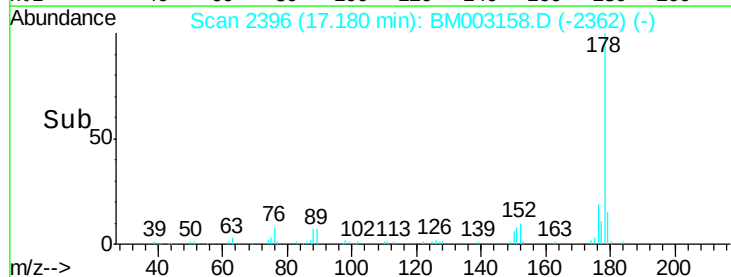
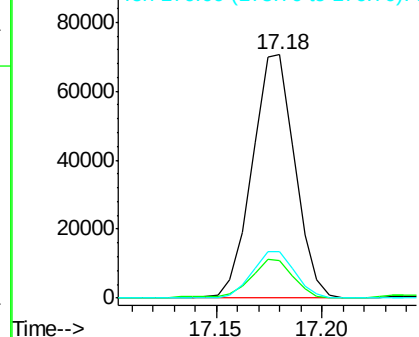


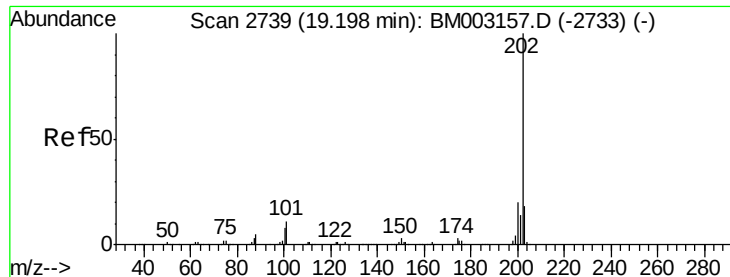
#70
Phenanthrene
Concen: 2.22 ng/ul
RT: 17.18 min Scan# 2396
Delta R.T. -0.00 min
Lab File: BM003158.D
Acq: 17 Nov 2015 00:26

Tgt Ion:178 Resp: 99234
Ion Ratio Lower Upper
178 100
179 15.2 12.2 18.4
176 19.1 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: 4.33 ng/ul

RT: 19.20 min Scan# 2739

Delta R.T. -0.00 min

Lab File: BM003158.D

Acq: 17 Nov 2015 00:26

Instrument :

BNA_M

ClientSampleId :

A4J47

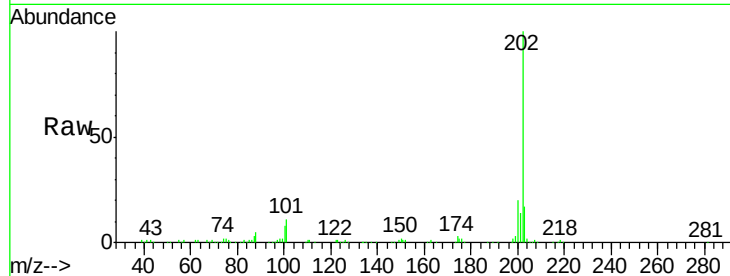
Tot Ion:202 Resp: 196053

Ion Ratio Lower Upper

202 100

101 10.6 10.4 15.6

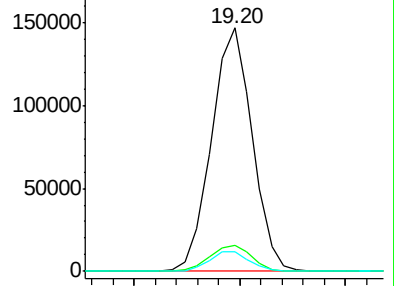
100 8.1 7.8 11.6



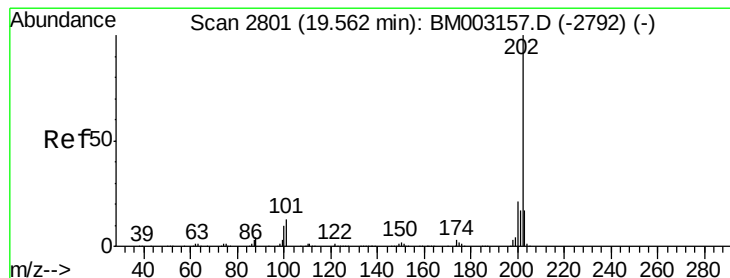
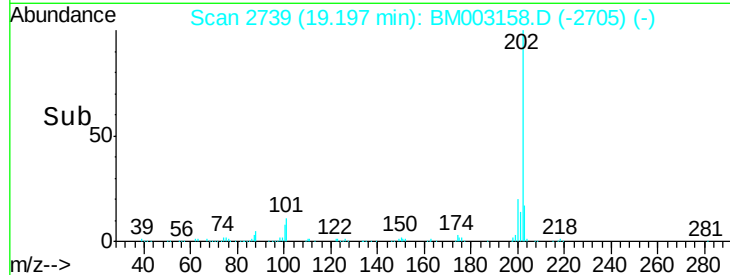
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->



#80

Pyrene

Concen: 3.42 ng/ul

RT: 19.56 min Scan# 2801

Delta R.T. -0.00 min

Lab File: BM003158.D

Acq: 17 Nov 2015 00:26

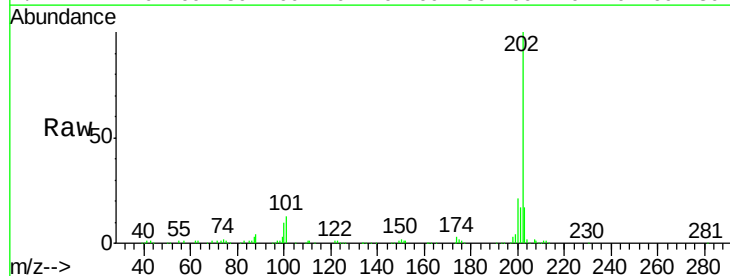
Tgt Ion:202 Resp: 172535

Ion Ratio Lower Upper

202 100

101 12.6 12.6 18.8

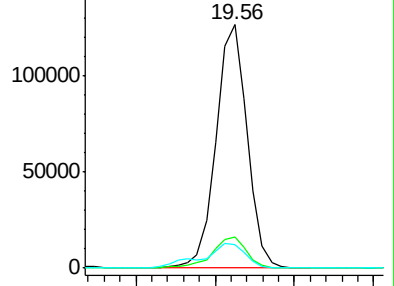
100 9.7 10.6 15.8#



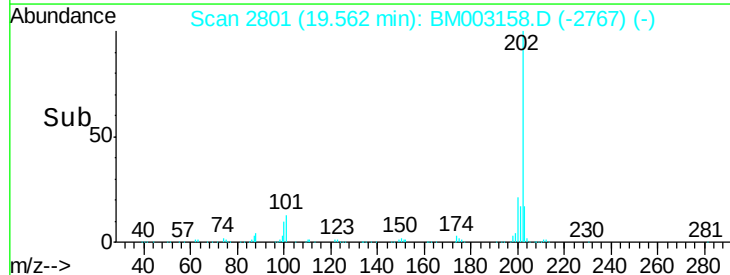
Abundance Ion 202.00 (201.70 to 202.70): E

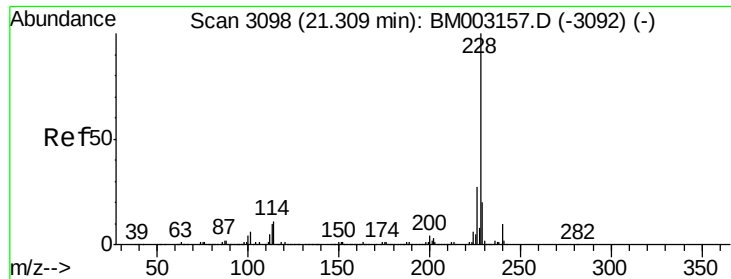
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->





#83

Benzo(a)anthracene

Concen: 1.81 ng/ul

RT: 21.31 min Scan# 3098

Delta R.T. -0.00 min

Lab File: BM003158.D

Acq: 17 Nov 2015 00:26

Instrument :

BNA_M

ClientSampleId :

A4J47

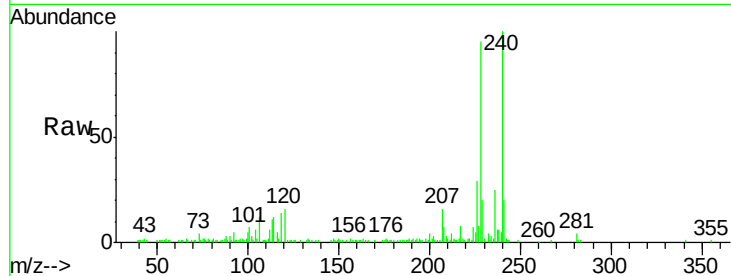
Tot Ion:228 Resp: 76699

Ion Ratio Lower Upper

228 100

229 21.2 15.6 23.4

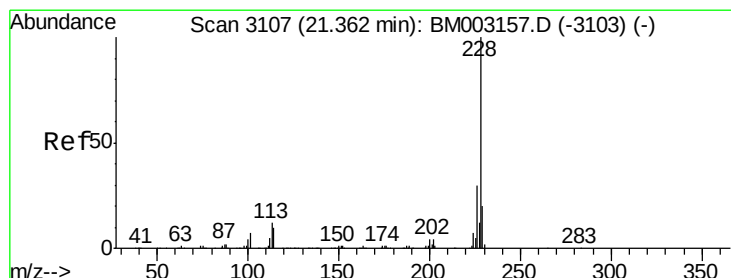
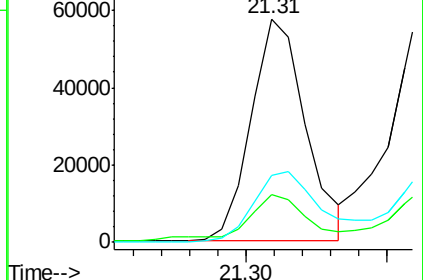
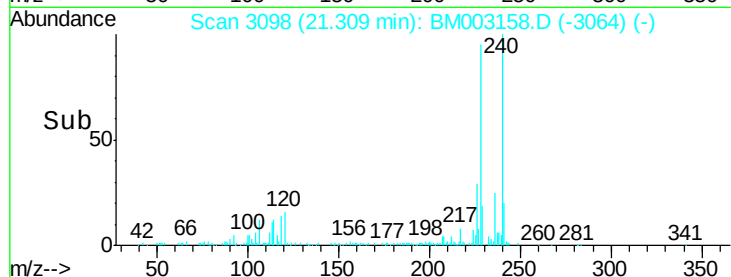
226 30.1 21.0 31.6



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

Chrysene

Concen: 2.10 ng/ul

RT: 21.36 min Scan# 3107

Delta R.T. -0.00 min

Lab File: BM003158.D

Acq: 17 Nov 2015 00:26

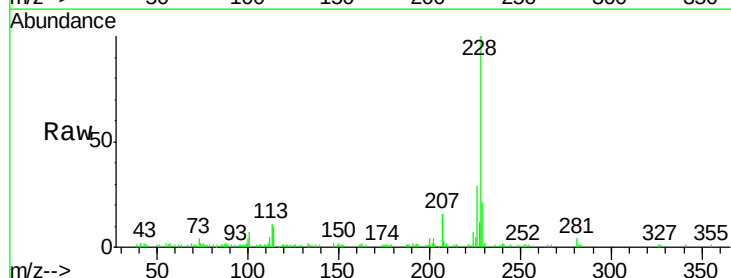
Tgt Ion:228 Resp: 87813

Ion Ratio Lower Upper

228 100

226 29.0 23.3 34.9

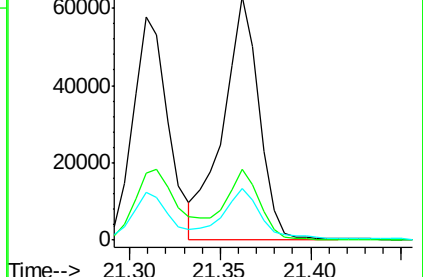
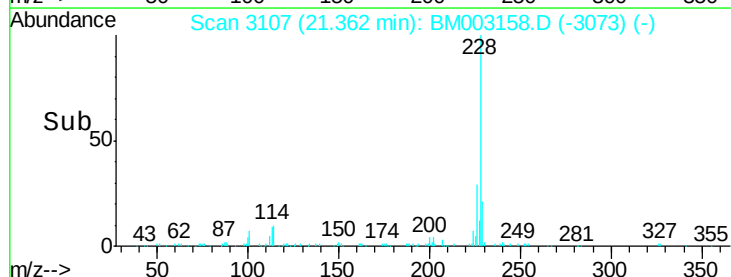
229 21.3 15.8 23.6

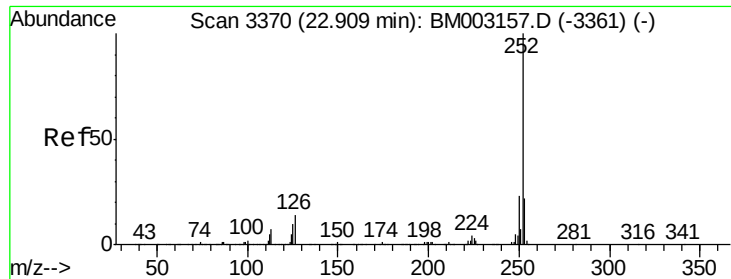


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 2.74 ng/ul

RT: 22.91 min Scan# 3370

Delta R.T. -0.00 min

Lab File: BM003158.D

Acq: 17 Nov 2015 00:26

Instrument :

BNA_M

ClientSampleId :

A4J47

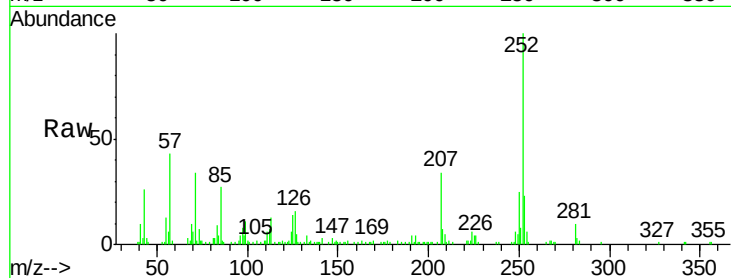
Tot Ion:252 Resp: 122244

Ion Ratio Lower Upper

252 100

253 23.1 17.4 26.2

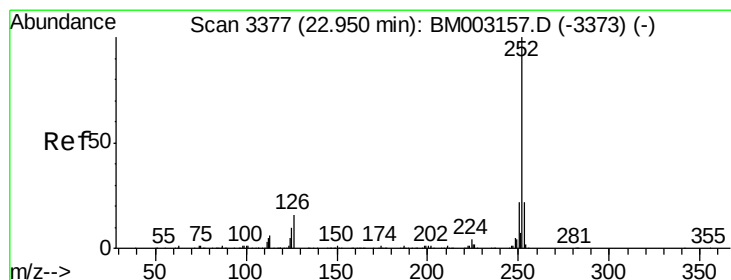
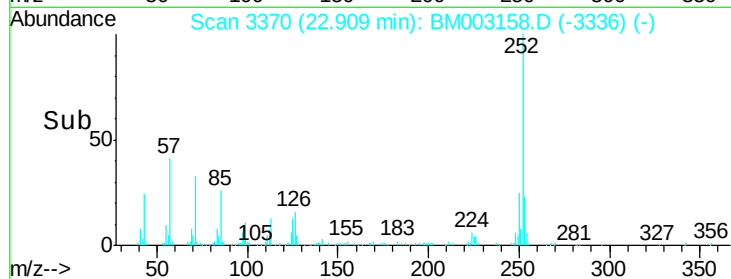
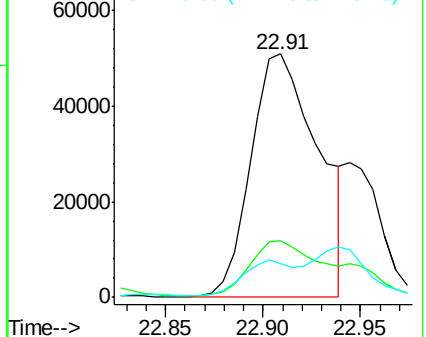
125 13.6 10.7 16.1



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



#89

Benzo(k)fluoranthene

Concen: 1.09 ng/ul

RT: 22.91 min Scan# 3370

Delta R.T. -0.04 min

Lab File: BM003158.D

Acq: 17 Nov 2015 00:26

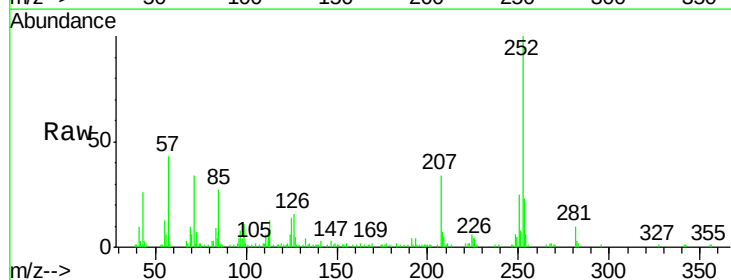
Tgt Ion:252 Resp: 45160

Ion Ratio Lower Upper

252 100

253 23.1 17.4 26.0

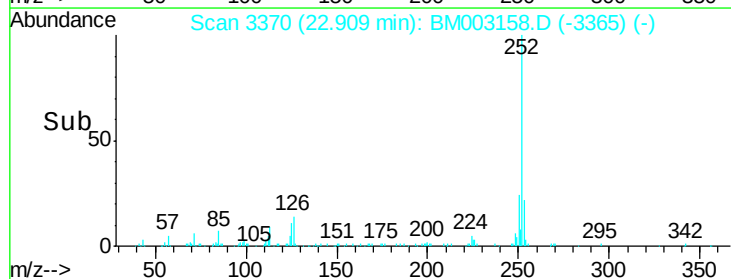
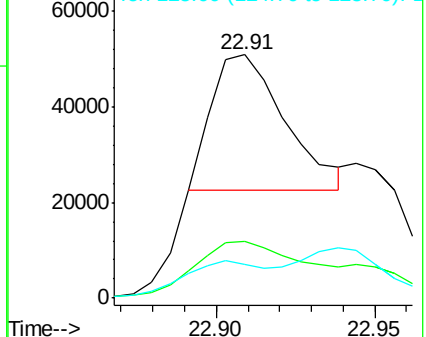
125 13.6 11.1 16.7

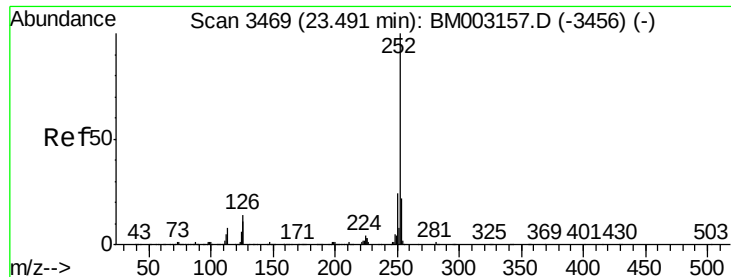


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 1.83 ng/ul

RT: 23.49 min Scan# 3468

Delta R.T. -0.01 min

Lab File: BM003158.D

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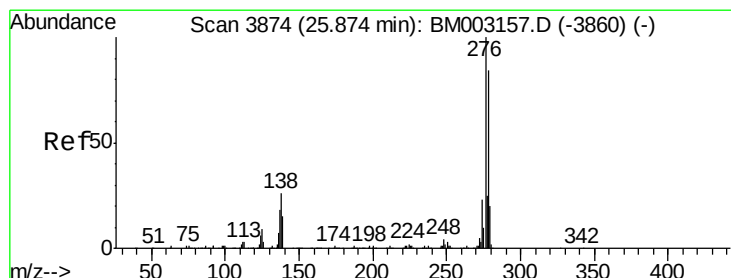
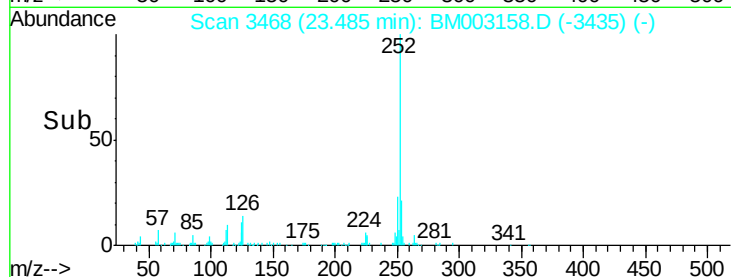
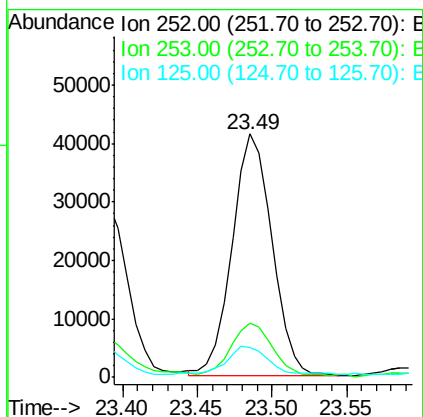
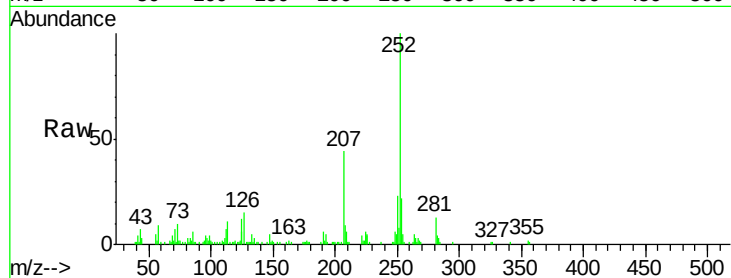
Tot Ion:252 Resp: 77129

Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

125 12.2 11.9 17.9



#92

Indeno(1,2,3-cd)pyrene

Concen: 1.29 ng/ul

RT: 25.86 min Scan# 3872

Delta R.T. -0.01 min

Lab File: BM003158.D

Acq: 17 Nov 2015 00:26

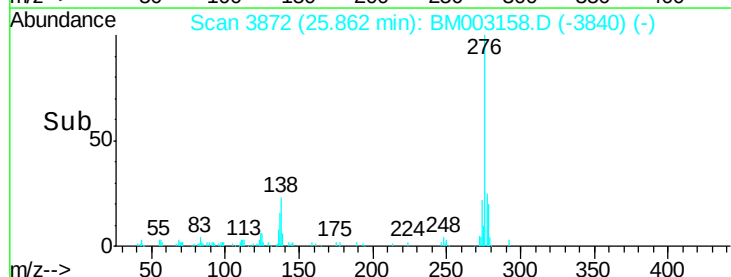
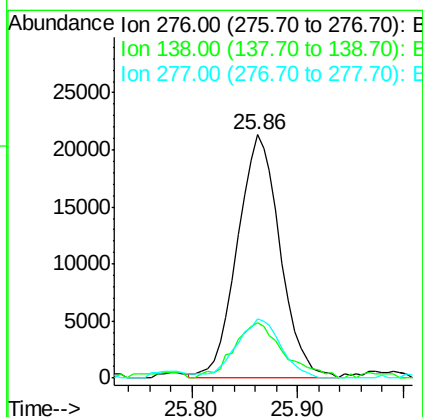
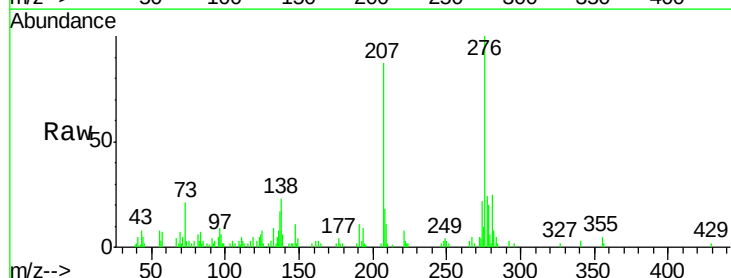
Tgt Ion:276 Resp: 60036

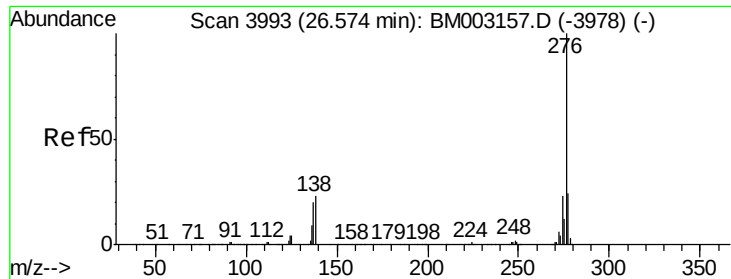
Ion Ratio Lower Upper

276 100

138 22.5 26.6 40.0#

277 24.5 20.2 30.4





#94

Benzo(a,h,i)perylene

Concen: 1.14 ng/ul

RT: 26.57 min Scan# 3992

Delta R.T. -0.01 min

Lab File: BM003158.D

Acq: 17 Nov 2015 00:26

Instrument :

BNA_M

ClientSampleId :

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Tot Ion: 276 Resp: 47682

Ion Ratio Lower Upper

276 100

138 24.6 23.8 35.6

277 24.6 19.4 29.2

