

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011416\
 Data File : BM004011.D
 Acq On : 14 Jan 2016 07:36
 Operator : SJ/UM
 Sample : H1098-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 14 13:14:03 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 13 06:45:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	46448	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	224921	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	130164	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	277562	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	221139	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	200743	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	3715	3.58	ng/uL	0.00
5) Phenol-d5	6.84	99	93345	24.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	57274	26.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	81774	25.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	74712	23.91	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	42106	24.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	45674	24.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	80319	24.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	103409	23.74	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	264456	25.88	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	334339	26.86	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	35510	19.35	ng/ul	0.00
58) Fluorene-d10	15.32	176	234659	27.07	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	28972	18.51	ng/ul	0.00
71) Anthracene-d10	17.17	188	356641	27.78	ng/ul	0.00
79) Pyrene-d10	19.47	212	352506	30.78	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	285354	28.46	ng/ul	0.00

Target Compounds

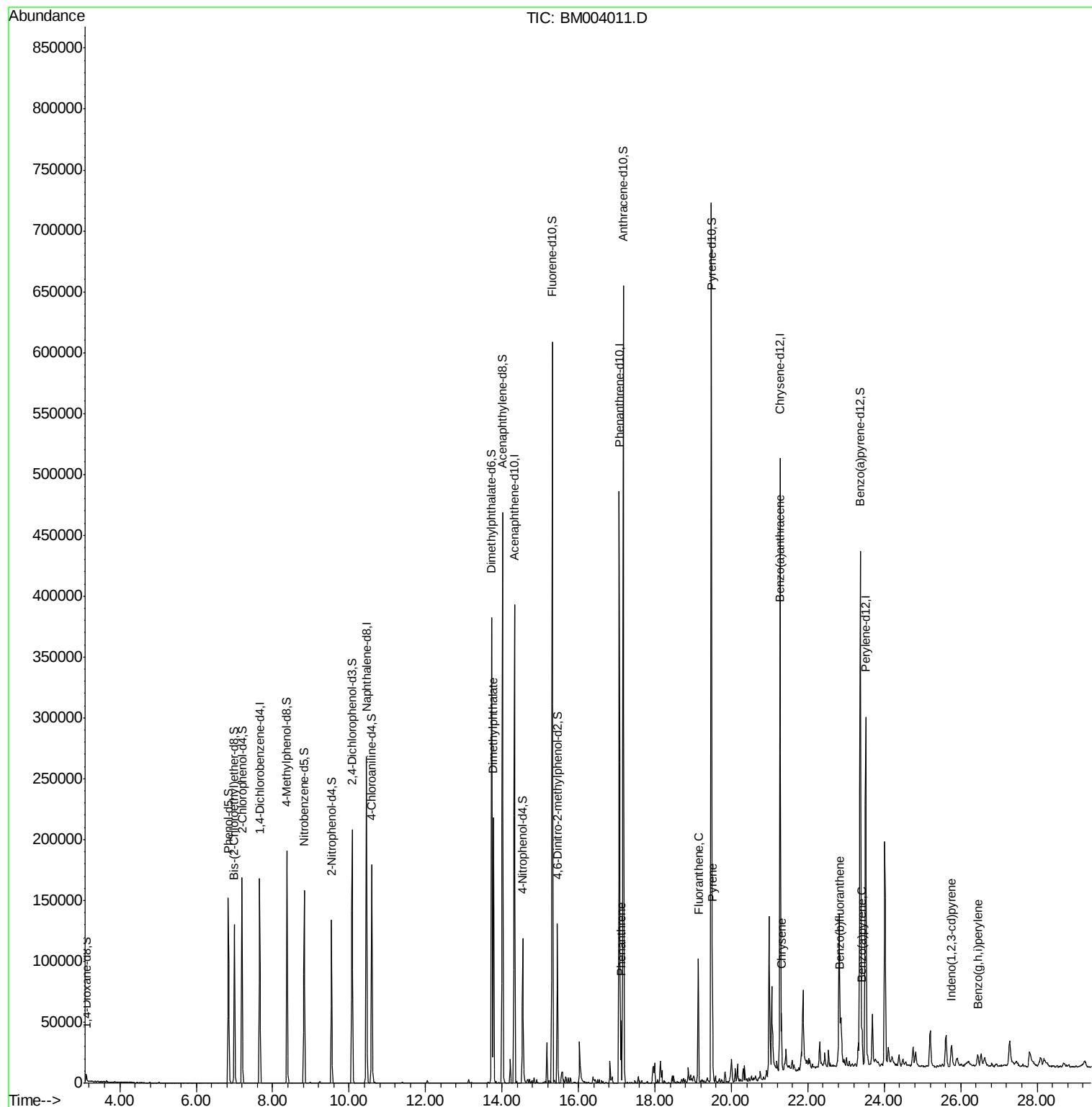
						Qvalue
45) Dimethylphthalate	13.77	163	141319	13.57	ng/ul	99
70) Phenanthrene	17.11	178	32500	2.08	ng/ul	99
77) Fluoranthene	19.14	202	60039	3.70	ng/ul	99
80) Pyrene	19.50	202	65906	4.39	ng/ul	100
83) Benzo(a)anthracene	21.26	228	25336	1.92	ng/ul	94
85) Chrysene	21.31	228	28664	2.29	ng/ul	97
88) Benzo(b)fluoranthene	22.84	252	28768	2.36	ng/ul#	94
91) Benzo(a)pyrene	23.41	252	21890	1.89	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.76	276	13077	1.02	ng/ul#	91
94) Benzo(g,h,i)perylene	26.44	276	12538	1.17	ng/ul#	93

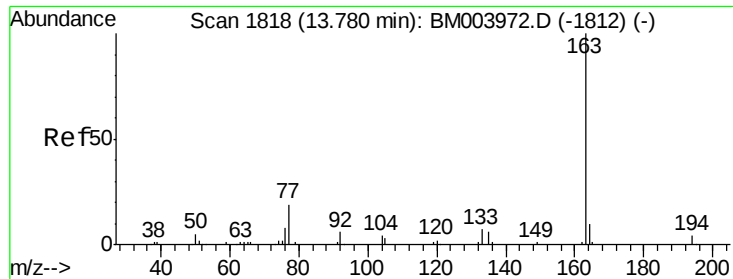
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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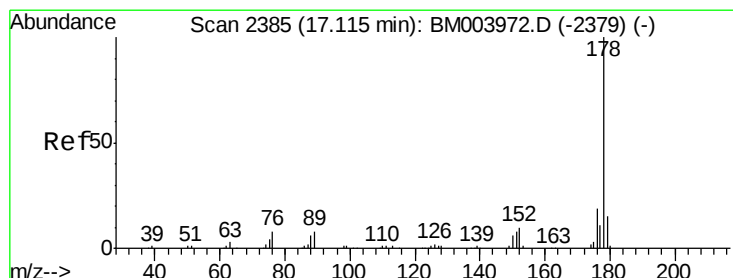
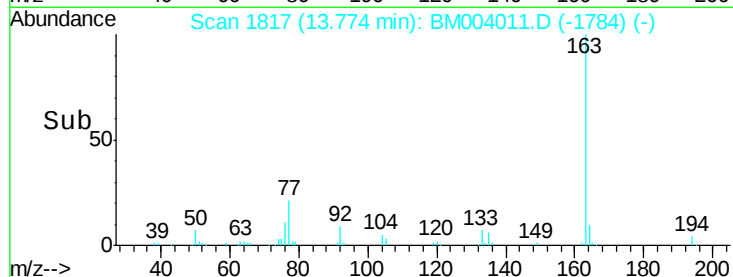
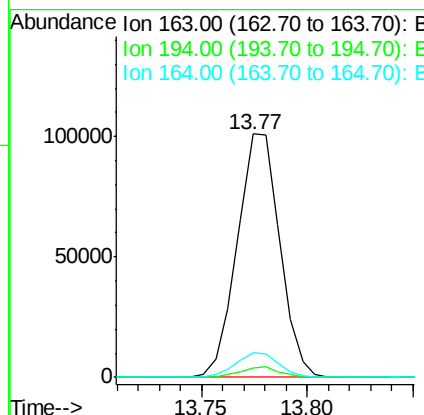
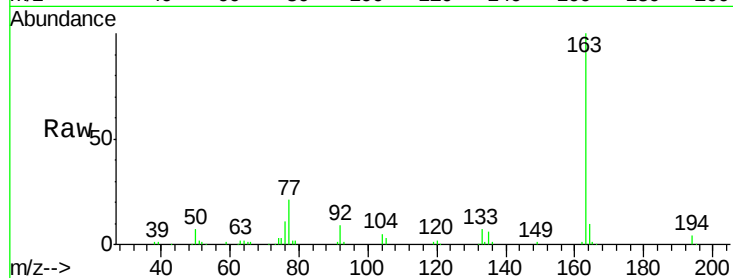




#45
Dimethylphthalate
Concen: 13.57 ng/ul
RT: 13.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BM004011.D
Acq: 14 Jan 2016 07:36

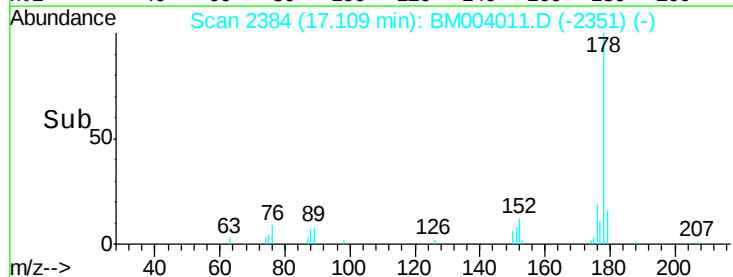
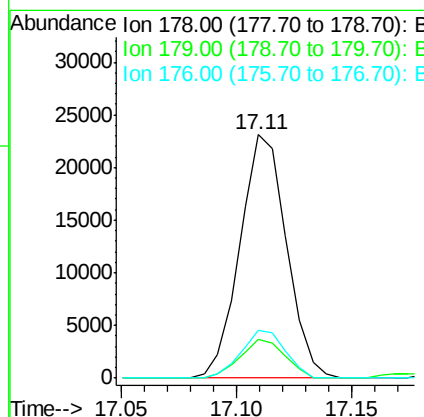
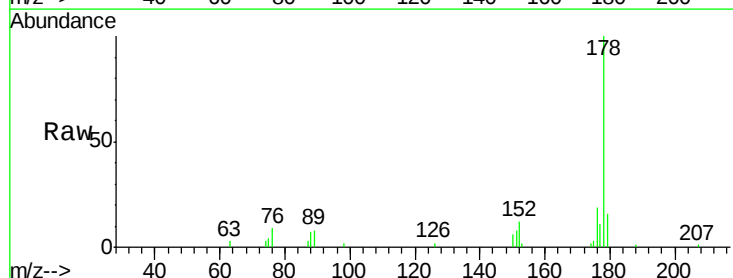
Instrument :
BNA_M
ClientSampleId :

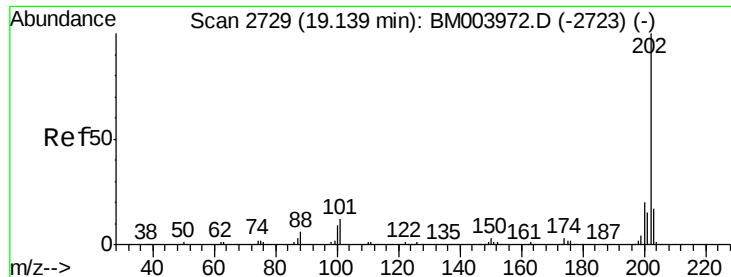
Tgt Ion:163 Resp: 141319
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.2 7.8 11.8



#70
Phenanthrene
Concen: 2.08 ng/ul
RT: 17.11 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM004011.D
Acq: 14 Jan 2016 07:36

Tgt Ion:178 Resp: 32500
Ion Ratio Lower Upper
178 100
179 16.2 12.2 18.4
176 19.4 15.6 23.4

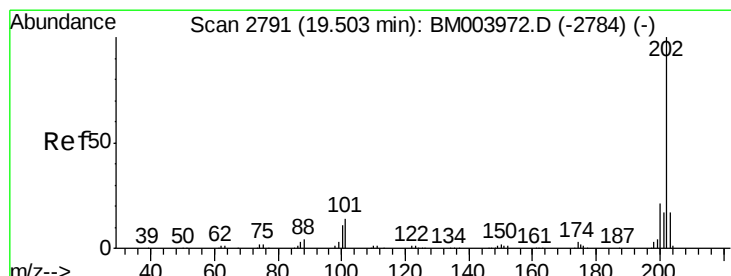
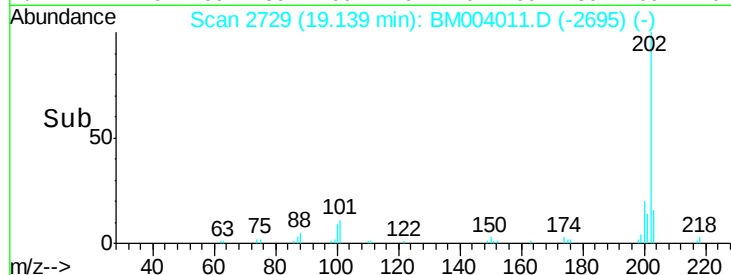
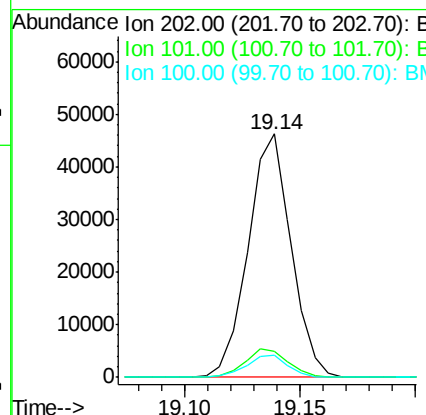
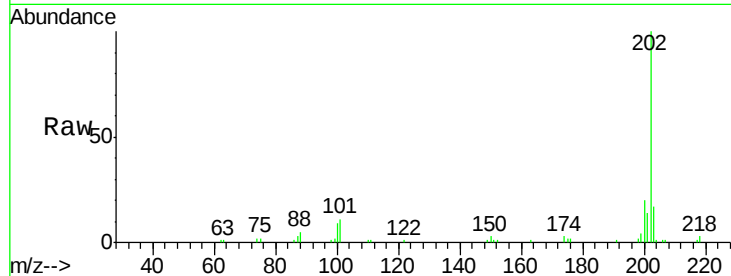




#77
Fluoranthene
 Concen: 3.70 ng/ul
 RT: 19.14 min Scan# 2729
 Delta R.T. 0.00 min
 Lab File: BM004011.D
 Acq: 14 Jan 2016 07:36

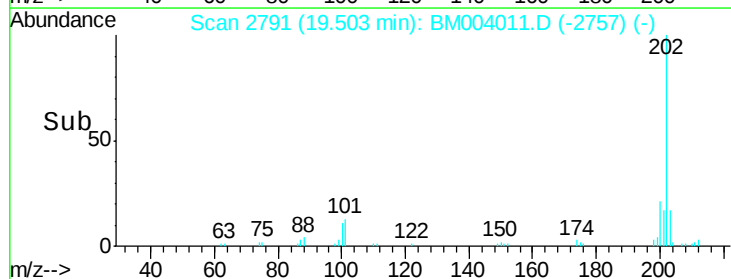
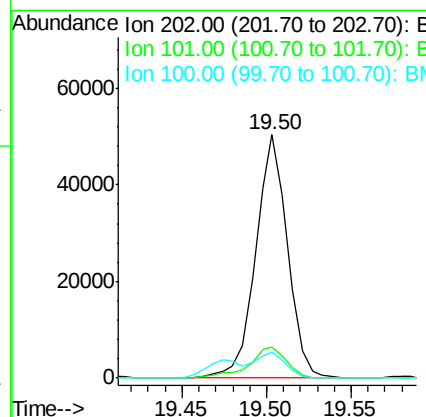
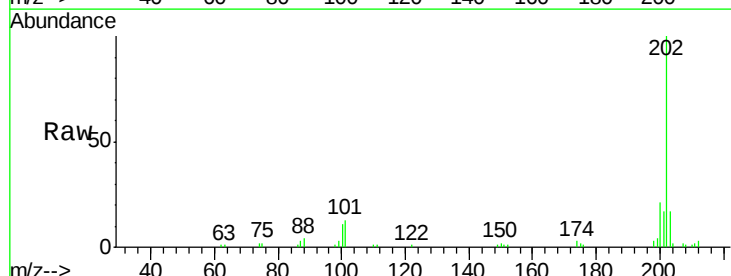
Instrument :
 BNA_M
 ClientSampleId :

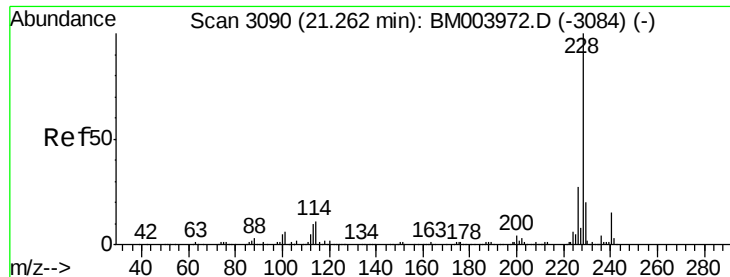
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.8	13.2
100	9.1	6.6	9.8



#80
Pyrene
 Concen: 4.39 ng/ul
 RT: 19.50 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: BM004011.D
 Acq: 14 Jan 2016 07:36

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.9	10.2	15.2
100	10.6	8.5	12.7





#83

Benzo(a)anthracene

Concen: 1.92 ng/ul

RT: 21.26 min Scan# 3090

Delta R.T. 0.00 min

Lab File: BM004011.D

Acq: 14 Jan 2016 07:36

Instrument :

BNA_M

ClientSampleId :

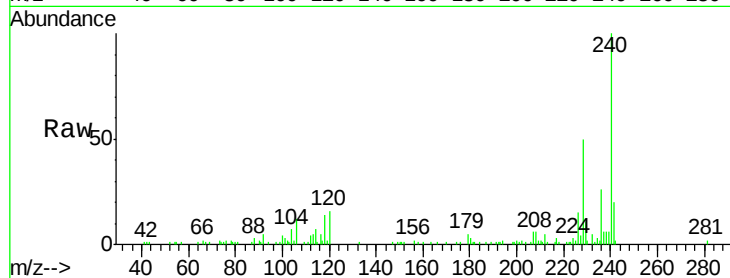
Tgt Ion:228 Resp: 25336

Ion Ratio Lower Upper

228 100

229 22.5 15.7 23.5

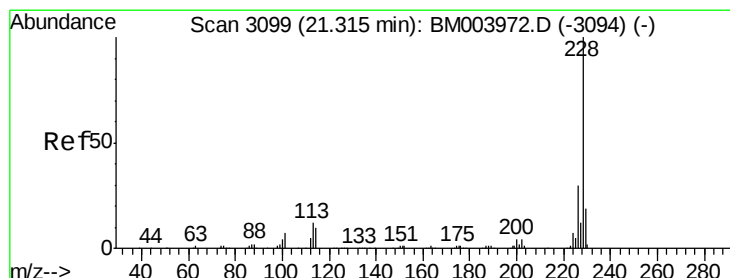
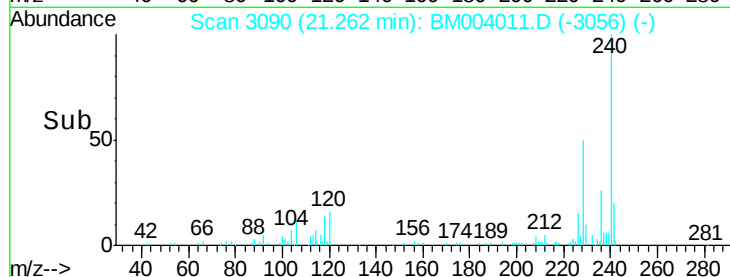
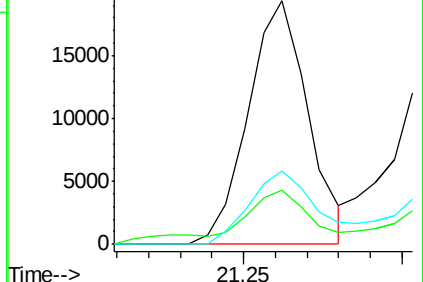
226 29.9 21.8 32.6



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: 2.29 ng/ul

RT: 21.31 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BM004011.D

Acq: 14 Jan 2016 07:36

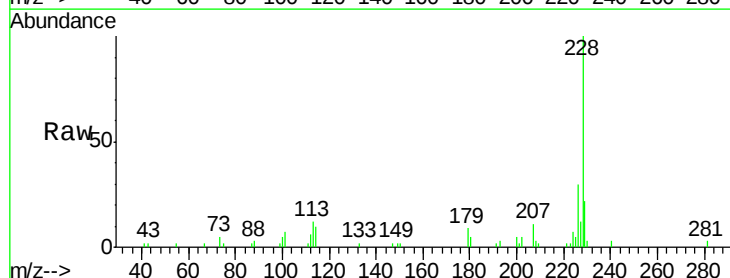
Tgt Ion:228 Resp: 28664

Ion Ratio Lower Upper

228 100

226 30.4 24.0 36.0

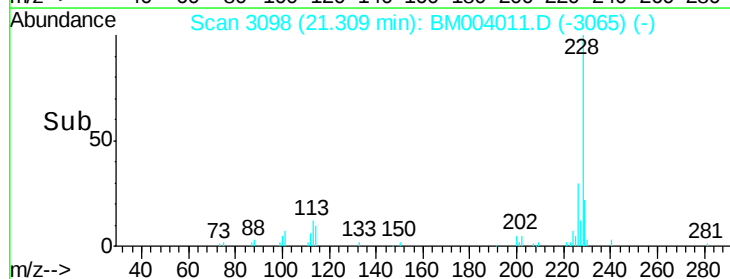
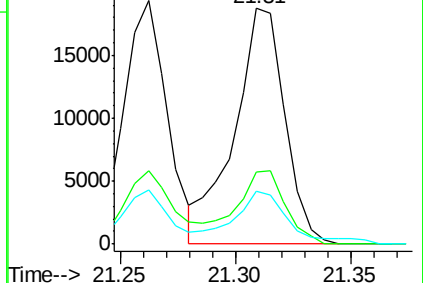
229 22.4 15.6 23.4

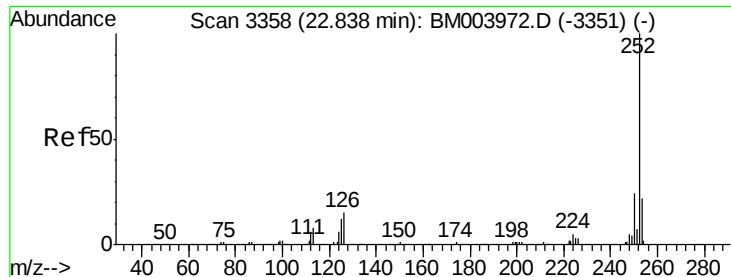


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 2.36 ng/ul

RT: 22.84 min Scan# 3359

Delta R.T. 0.01 min

Lab File: BM004011.D

Acq: 14 Jan 2016 07:36

Instrument :

BNA_M

ClientSampleId :

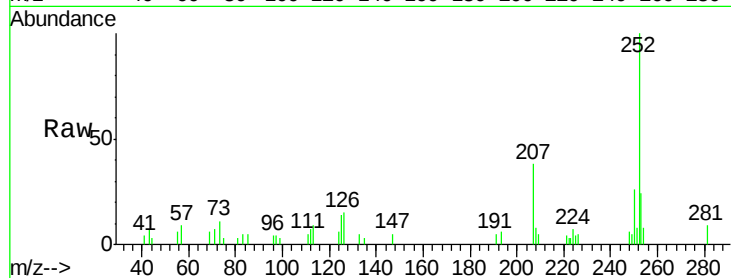
Tgt Ion:252 Resp: 28768

Ion Ratio Lower Upper

252 100

253 24.1 17.5 26.3

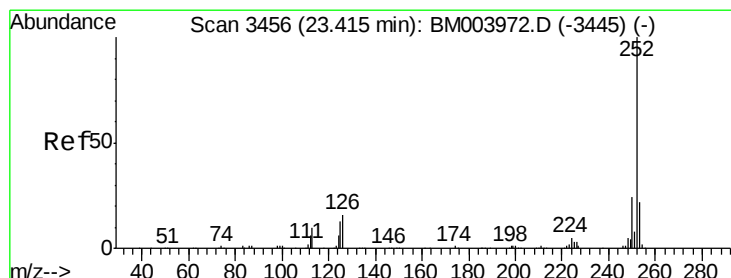
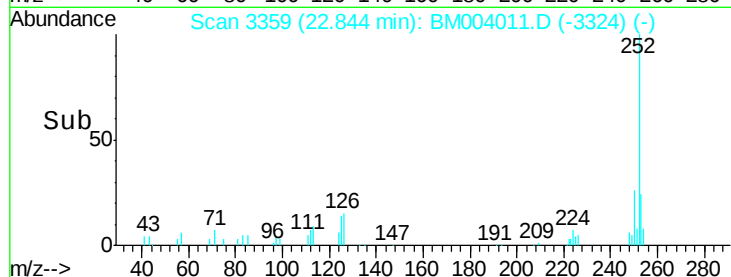
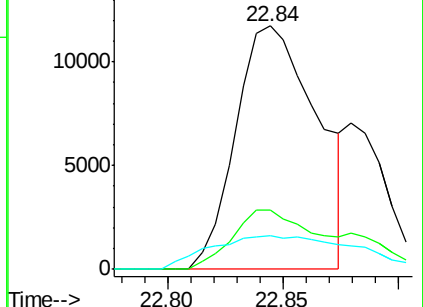
125 13.8 8.5 12.7#



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: 1.89 ng/ul

RT: 23.41 min Scan# 3456

Delta R.T. 0.00 min

Lab File: BM004011.D

Acq: 14 Jan 2016 07:36

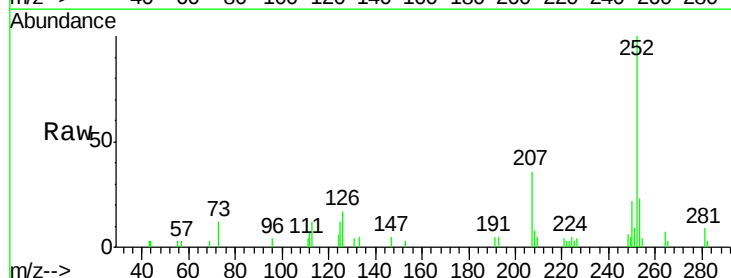
Tgt Ion:252 Resp: 21890

Ion Ratio Lower Upper

252 100

253 23.4 17.2 25.8

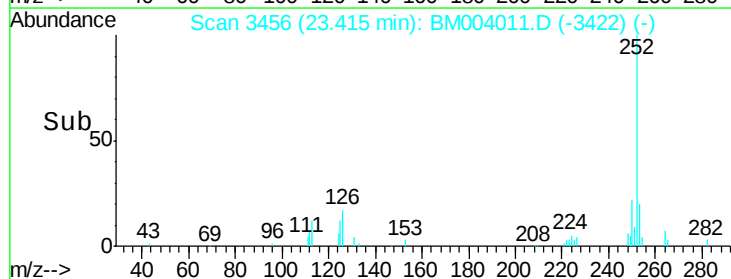
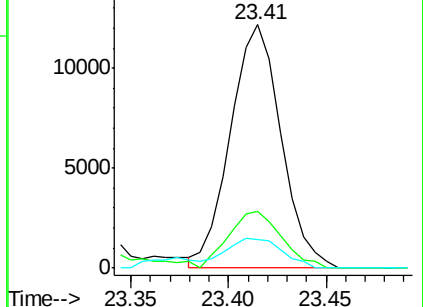
125 11.6 9.0 13.6

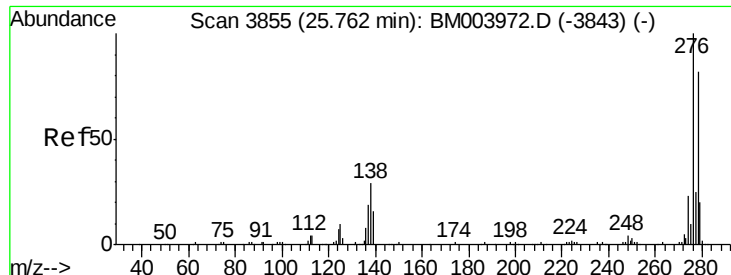


Abundance Ion 252.00 (251.70 to 252.70): E

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: 1.02 ng/ul

RT: 25.76 min Scan# 3854

Delta R.T. -0.01 min

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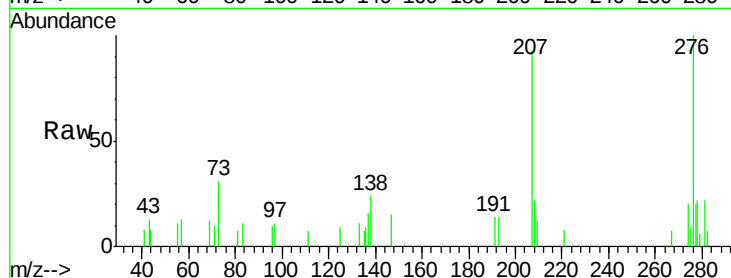
Tgt Ion:276 Resp: 13077

Ion Ratio Lower Upper

276 100

138 24.3 22.3 33.5

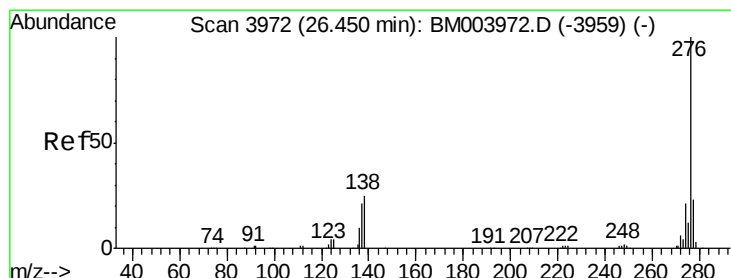
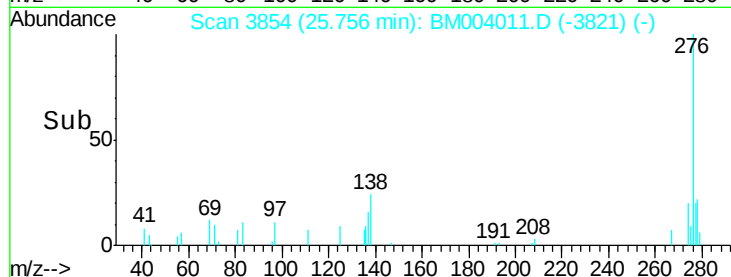
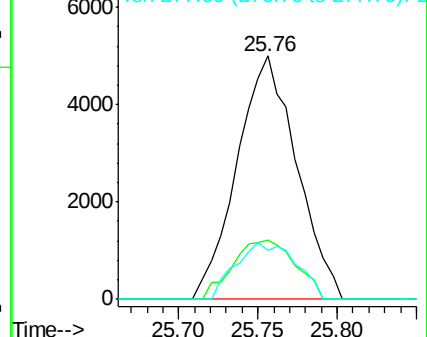
277 20.0 20.2 30.2#



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



#94

Benzo(g,h,i)perylene

Concen: 1.17 ng/ul

RT: 26.44 min Scan# 3971

Delta R.T. -0.01 min

Lab File: BM004011.D

Acq: 14 Jan 2016 07:36

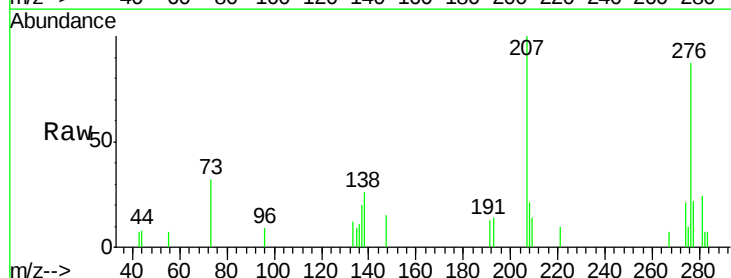
Tgt Ion:276 Resp: 12538

Ion Ratio Lower Upper

276 100

138 29.7 18.9 28.3#

277 25.1 19.2 28.8



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

