

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
 Data File : BM004053.D
 Acq On : 15 Jan 2016 18:24
 Operator : SJ/UM
 Sample : H1100-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC993

Quant Time: Jan 16 00:39:12 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jan 16 00:22:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	40308	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	190166	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	110285	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	238489	20.00	ng/ul	0.00
78) Chrysene-d12	21.28	240	197031	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	177753	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	3593	3.99	ng/uL	0.00
5) Phenol-d5	6.85	99	79849	23.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	49421	26.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	70444	25.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	47673	17.58	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	37646	26.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	40927	26.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	68393	24.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	83205	22.59	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	231821	26.77	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	286457	27.16	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	28005	18.01	ng/ul	0.00
58) Fluorene-d10	15.32	176	201187	27.40	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	20106	14.95	ng/ul	0.00
71) Anthracene-d10	17.17	188	300873	27.28	ng/ul	0.00
79) Pyrene-d10	19.47	212	308079	30.19	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	253444	28.55	ng/ul	0.00

Target Compounds

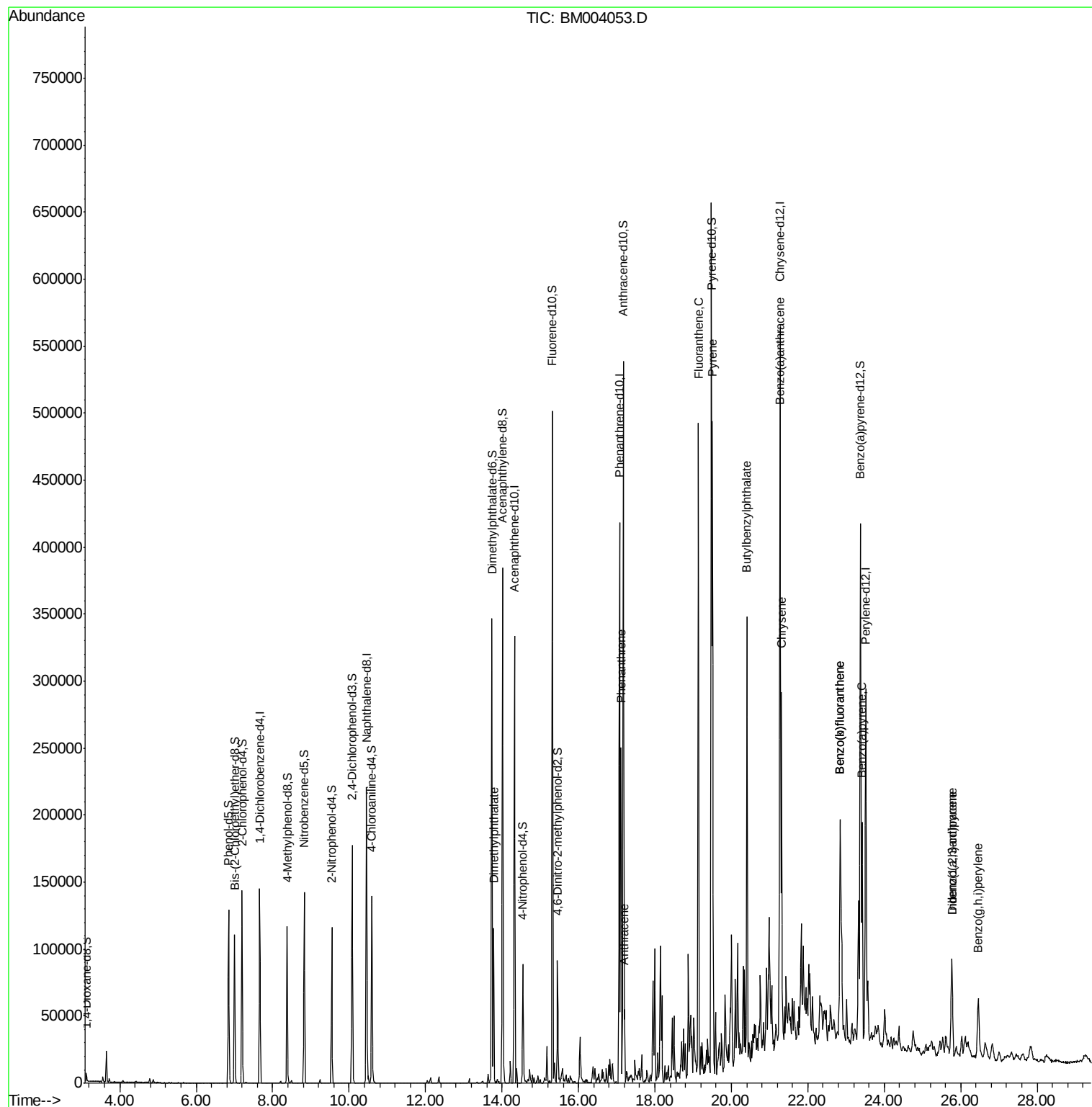
						Qvalue
45) Dimethylphthalate	13.78	163	76020	8.61	ng/ul	100
70) Phenanthrene	17.12	178	149079	11.12	ng/ul	99
72) Anthracene	17.20	178	34793	2.53	ng/ul	99
77) Fluoranthene	19.14	202	268858	19.29	ng/ul	99
80) Pyrene	19.51	202	293323	21.93	ng/ul	100
81) Butylbenzylphthalate	20.41	149	96670	17.90	ng/ul	97
83) Benzo(a)anthracene	21.26	228	118087	10.06	ng/ul	97
85) Chrysene	21.32	228	138535	12.43	ng/ul	98
88) Benzo(b)fluoranthene	22.84	252	134431	12.44	ng/ul	97
89) Benzo(k)fluoranthene	22.84	252	36974	3.60	ng/ul#	96
91) Benzo(a)pyrene	23.42	252	104134	10.16	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.77	276	65115	5.74	ng/ul	97
93) Dibenzo(a,h)anthracene	25.76	278	21293	2.24	ng/ul#	78
94) Benzo(g,h,i)perylene	26.46	276	54694	5.75	ng/ul	97

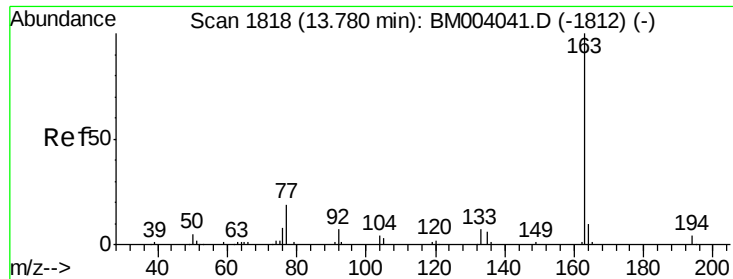
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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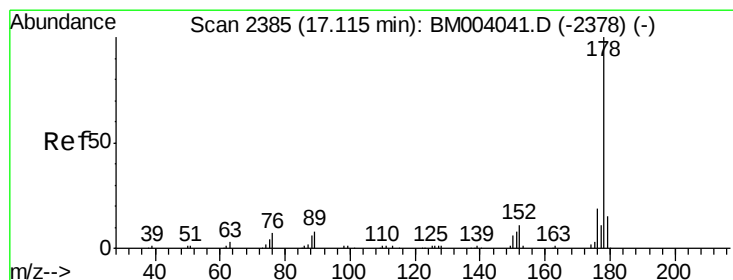
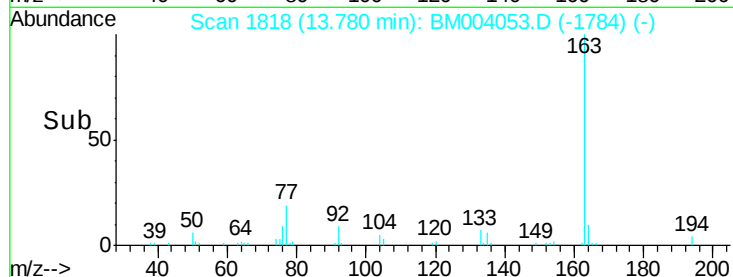
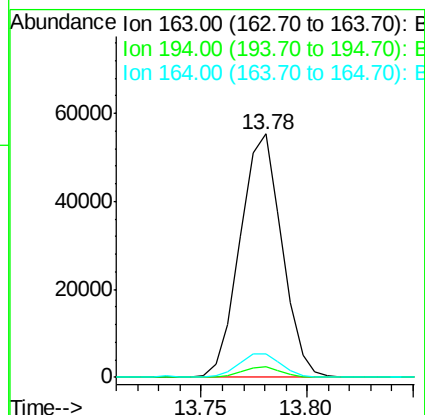
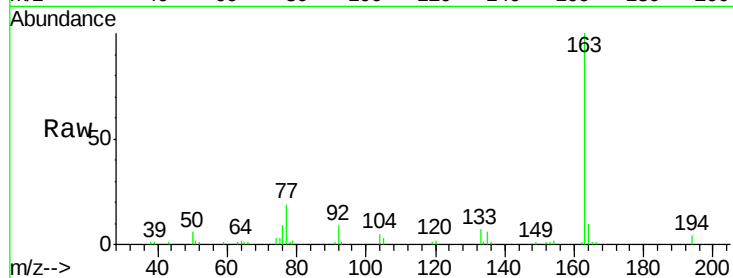




#45
Dimethylphthalate
Concen: 8.61 ng/ul
RT: 13.78 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BM004053.D
Acq: 15 Jan 2016 18:24

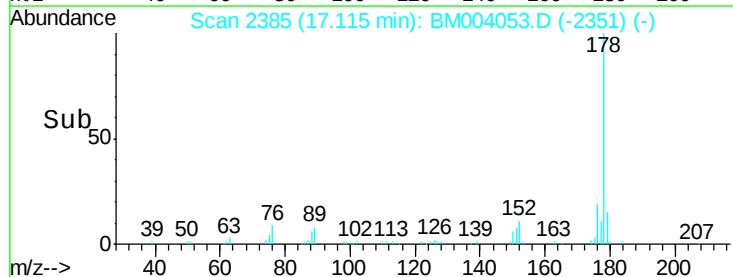
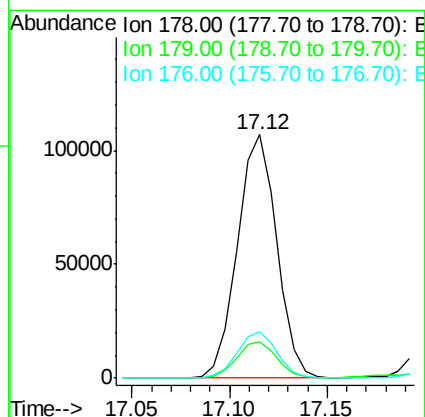
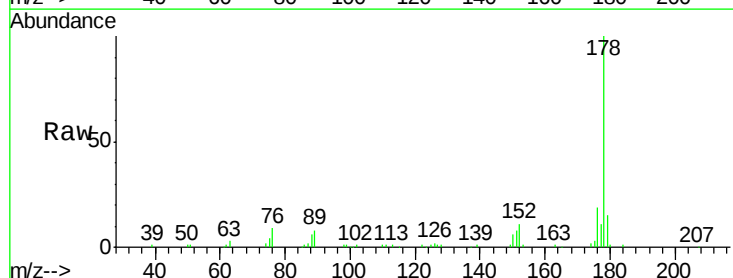
Instrument :
BNA_M
ClientSampleId :
BC993

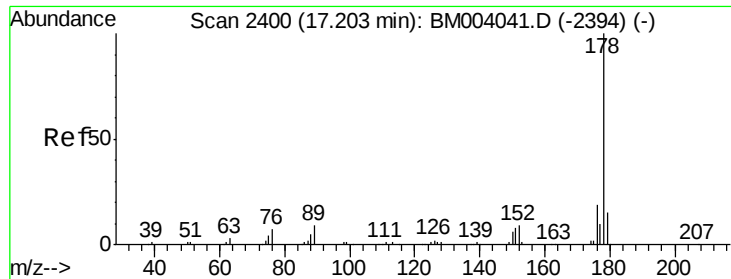
Tgt Ion:163 Resp: 76020
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 9.6 7.8 11.8



#70
Phenanthrene
Concen: 11.12 ng/ul
RT: 17.12 min Scan# 2385
Delta R.T. 0.00 min
Lab File: BM004053.D
Acq: 15 Jan 2016 18:24

Tgt Ion:178 Resp: 149079
Ion Ratio Lower Upper
178 100
179 15.2 12.2 18.4
176 19.1 15.6 23.4

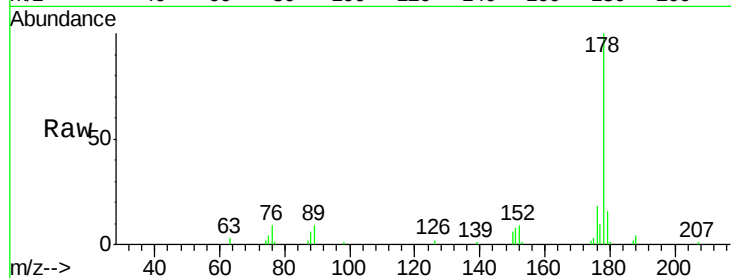




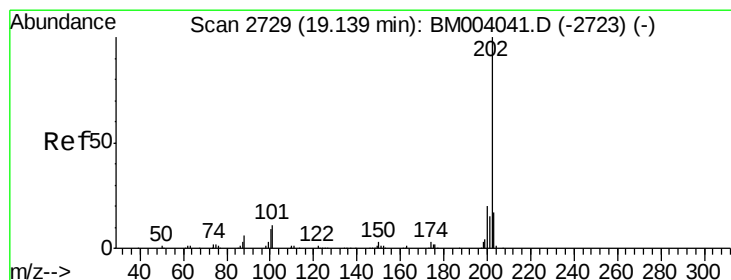
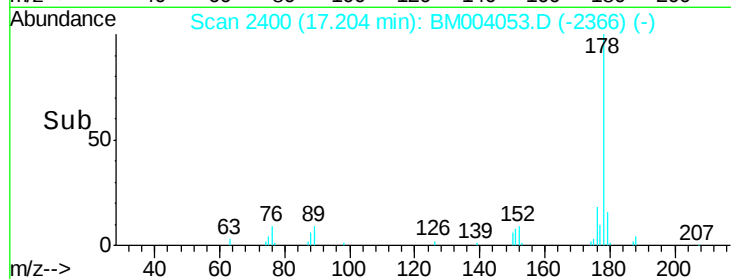
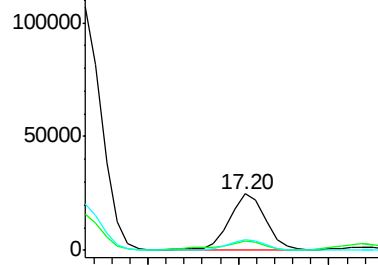
#72
 Anthracene
 Concen: 2.53 ng/ul
 RT: 17.20 min Scan# 2400
 Delta R.T. 0.00 min
 Lab File: BM004053.D
 Acq: 15 Jan 2016 18:24

Instrument :
 BNA_M
 ClientSampled :
 BC993

Tgt Ion:178 Resp: 34793
 Ion Ratio Lower Upper
 178 100
 179 15.7 12.1 18.1
 176 18.3 14.8 22.2

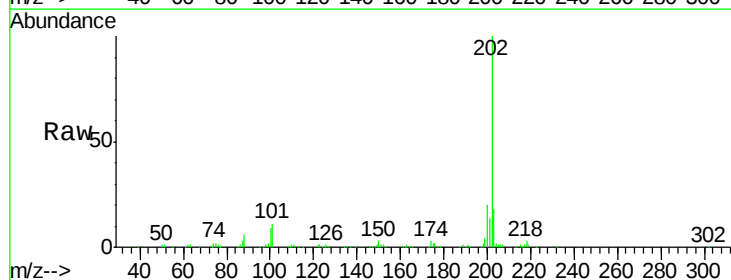


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

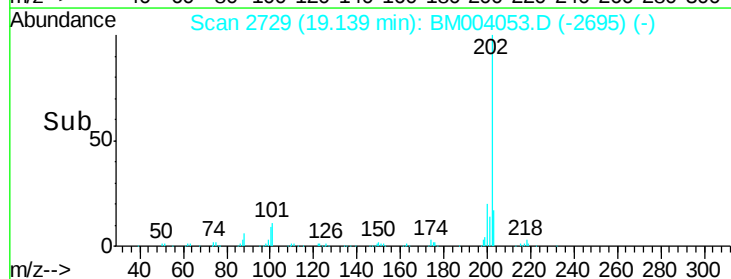
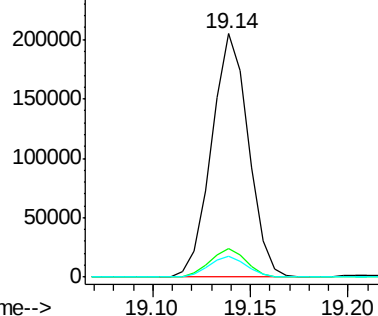


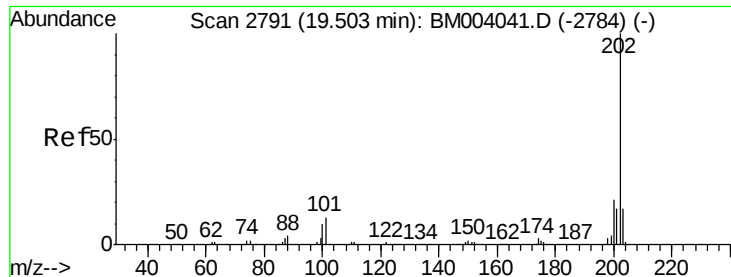
#77
 Fluoranthene
 Concen: 19.29 ng/ul
 RT: 19.14 min Scan# 2729
 Delta R.T. 0.00 min
 Lab File: BM004053.D
 Acq: 15 Jan 2016 18:24

Tgt Ion:202 Resp: 268858
 Ion Ratio Lower Upper
 202 100
 101 11.5 8.8 13.2
 100 8.7 6.6 9.8



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

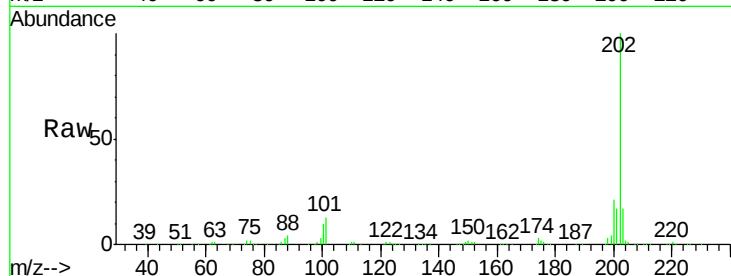




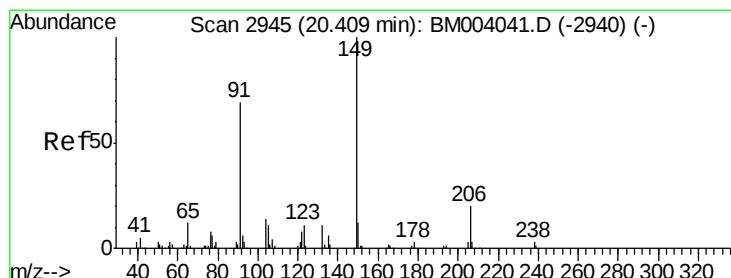
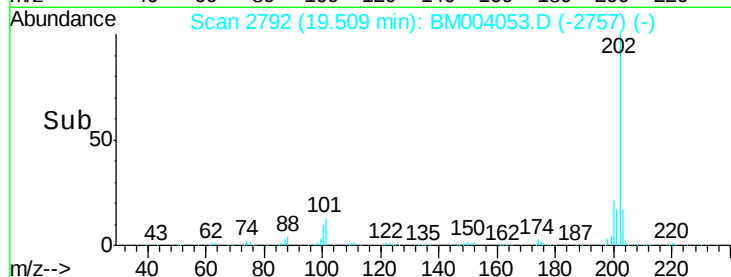
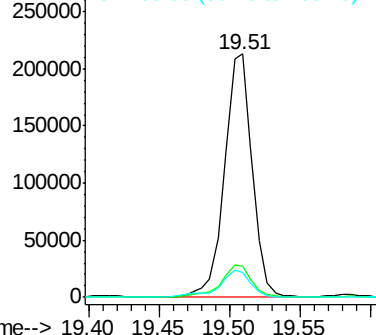
#80
Pyrene
Concen: 21.93 ng/ul
RT: 19.51 min Scan# 2792
Delta R.T. 0.01 min
Lab File: BM004053.D
Acq: 15 Jan 2016 18:24

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	10.2	15.2
100	10.2	8.5	12.7

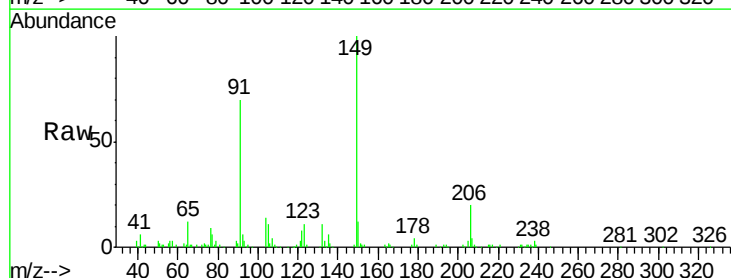


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

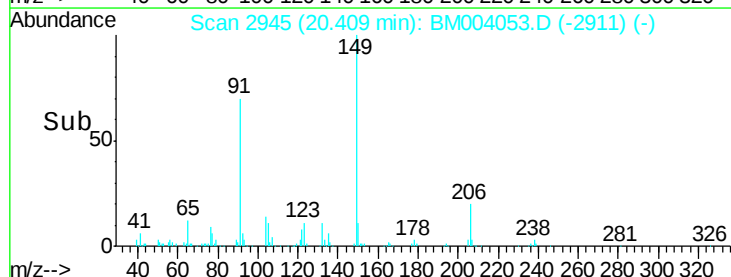
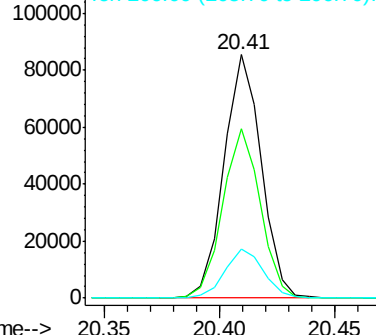


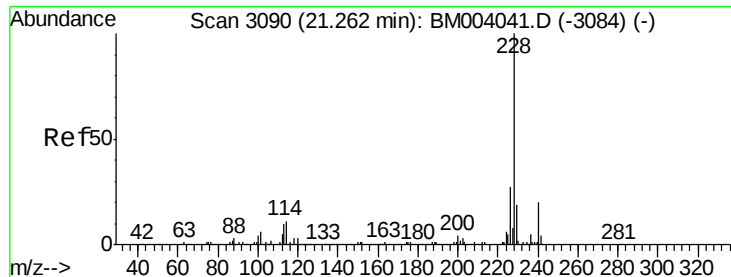
#81
Butylbenzylphthalate
Concen: 17.90 ng/ul
RT: 20.41 min Scan# 2945
Delta R.T. 0.00 min
Lab File: BM004053.D
Acq: 15 Jan 2016 18:24

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.5	53.4	80.2
206	20.1	16.6	24.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BM
Ion 206.00 (205.70 to 206.70): E

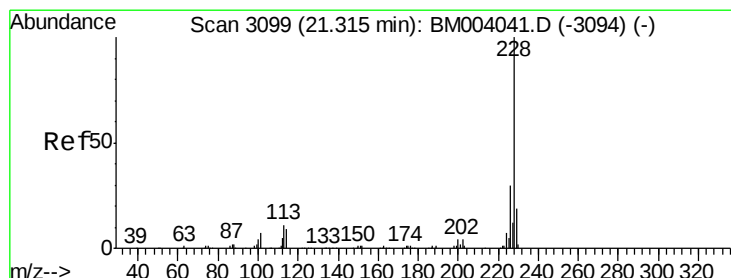
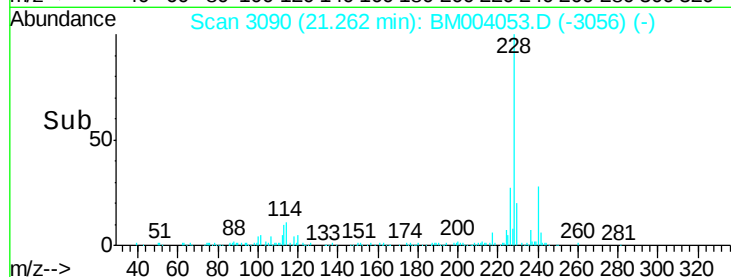
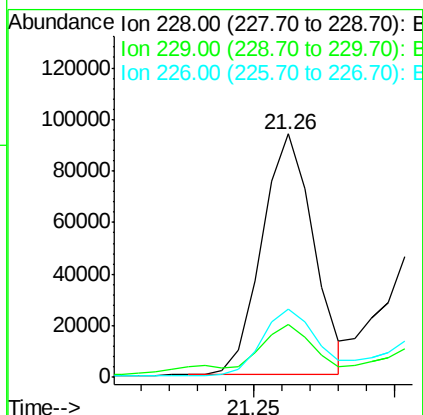
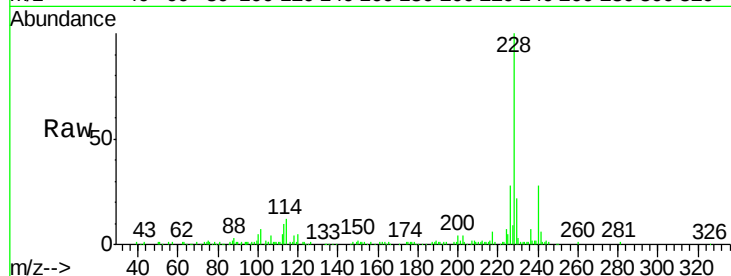




#83
Benzo(a)anthracene
Concen: 10.06 ng/u1
RT: 21.26 min Scan# 3090
Delta R.T. 0.00 min
Lab File: BM004053.D
Acq: 15 Jan 2016 18:24

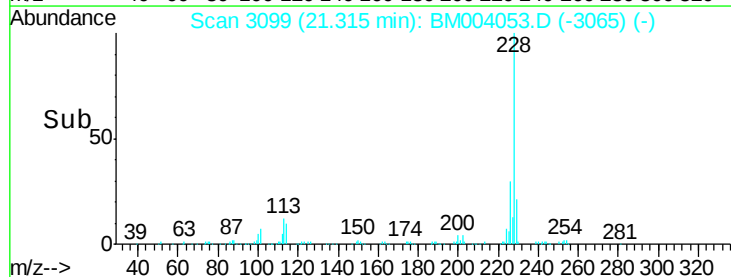
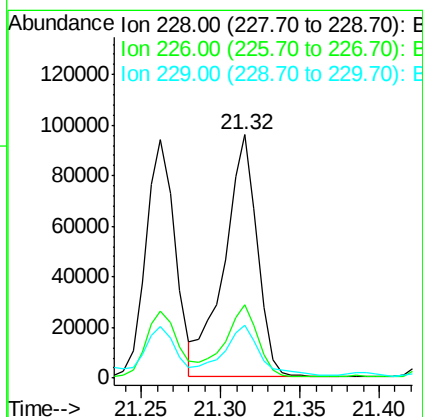
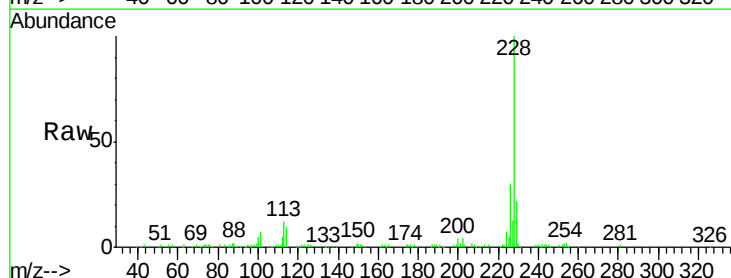
Instrument :
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ClientSampleId :
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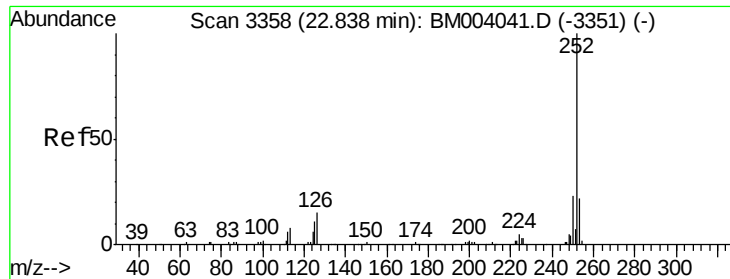
Tgt Ion:228 Resp: 118087
Ion Ratio Lower Upper
228 100
229 21.7 15.7 23.5
226 28.1 21.8 32.6



#85
Chrysene
Concen: 12.43 ng/u1
RT: 21.32 min Scan# 3099
Delta R.T. 0.00 min
Lab File: BM004053.D
Acq: 15 Jan 2016 18:24

Tgt Ion:228 Resp: 138535
Ion Ratio Lower Upper
228 100
226 30.0 24.0 36.0
229 21.7 15.6 23.4





#88

Benzo(b)fluoranthene

Concen: 12.44 ng/ul

RT: 22.84 min Scan# 3359

Delta R.T. 0.01 min

Lab File: BM004053.D

Acq: 15 Jan 2016 18:24

Instrument :

BNA_M

ClientSampleId :

BC993

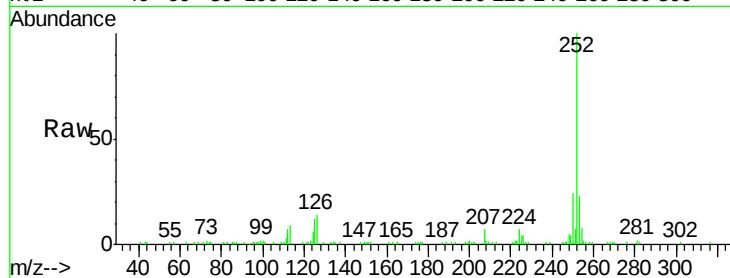
Tgt Ion:252 Resp: 134431

Ion Ratio Lower Upper

252 100

253 22.8 17.5 26.3

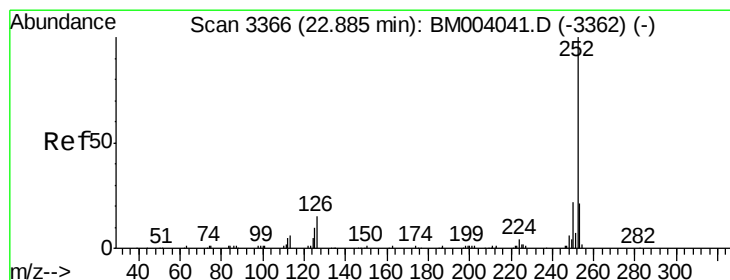
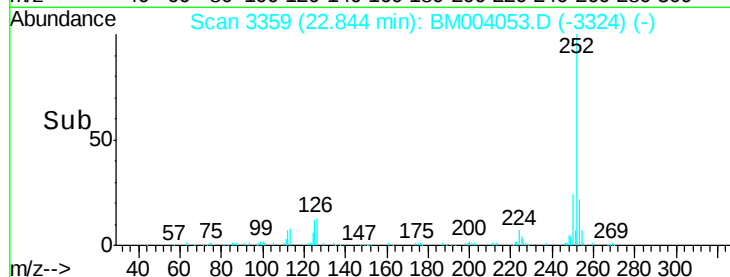
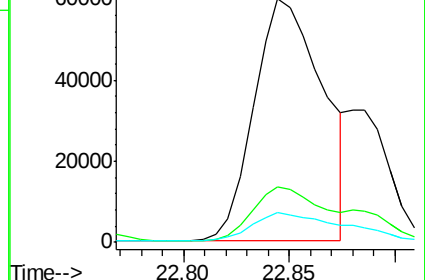
125 12.4 8.5 12.7



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



#89

Benzo(k)fluoranthene

Concen: 3.60 ng/ul

RT: 22.84 min Scan# 3359

Delta R.T. -0.04 min

Lab File: BM004053.D

Acq: 15 Jan 2016 18:24

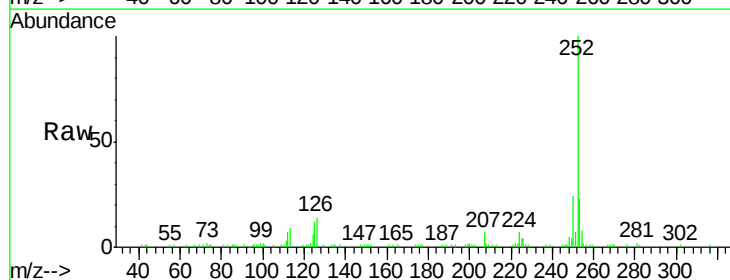
Tgt Ion:252 Resp: 36974

Ion Ratio Lower Upper

252 100

253 22.8 17.3 25.9

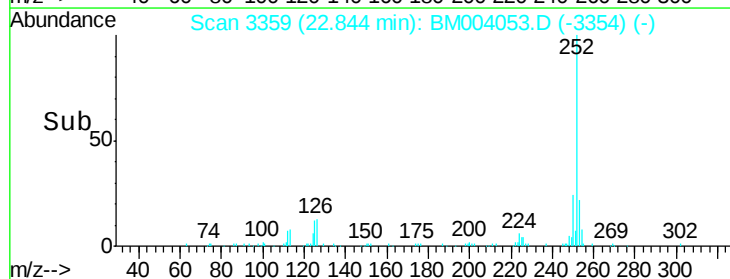
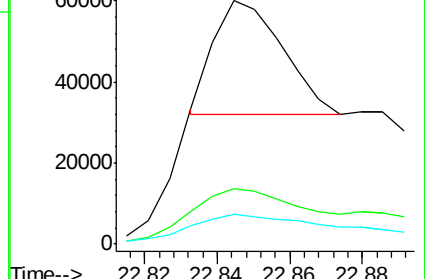
125 12.4 8.2 12.2#

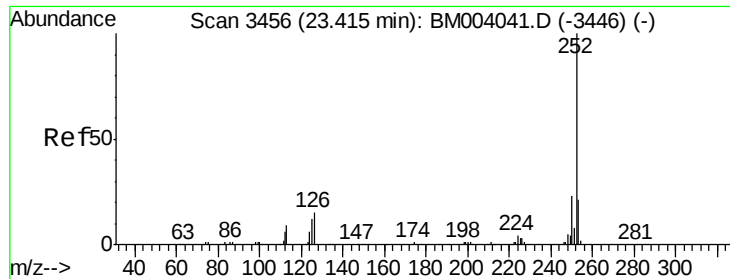


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 10.16 ng/ul

RT: 23.42 min Scan# 3457

Delta R.T. 0.01 min

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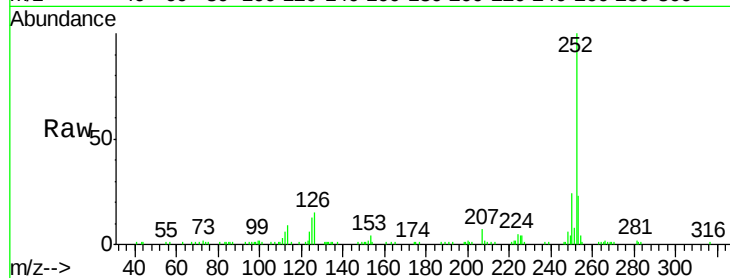
Tgt Ion:252 Resp: 104134

Ion Ratio Lower Upper

252 100

253 22.7 17.2 25.8

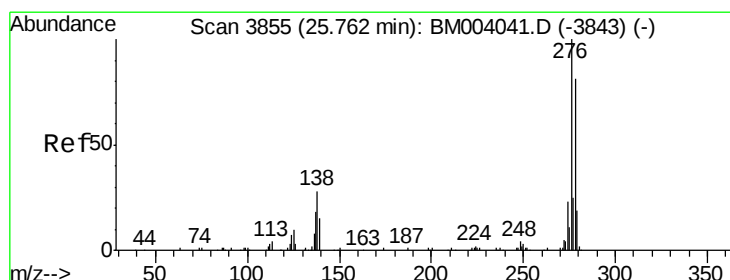
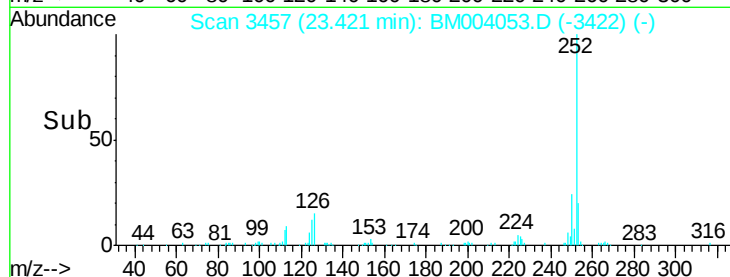
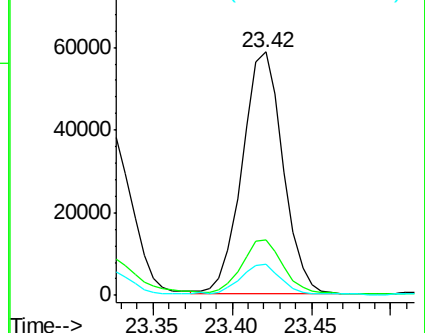
125 12.5 9.0 13.6



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: 5.74 ng/ul

RT: 25.77 min Scan# 3856

Delta R.T. 0.01 min

Lab File: BM004053.D

Acq: 15 Jan 2016 18:24

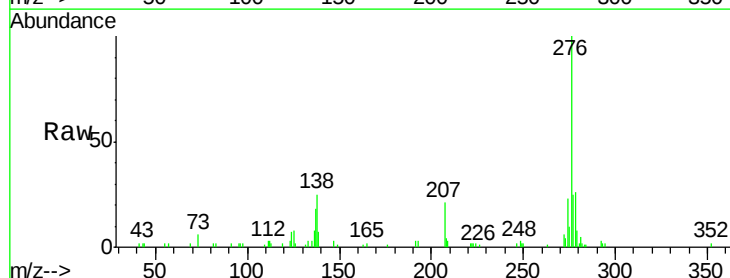
Tgt Ion:276 Resp: 65115

Ion Ratio Lower Upper

276 100

138 24.9 22.3 33.5

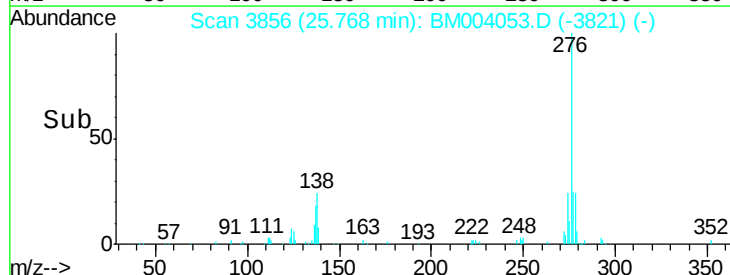
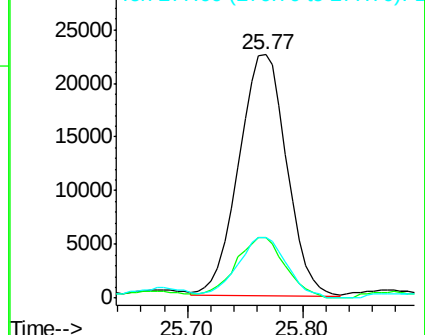
277 25.0 20.2 30.2

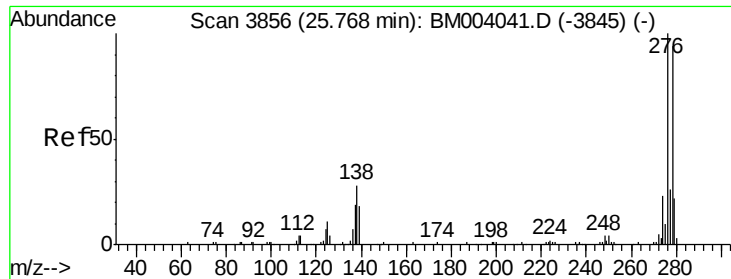


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Dibenzo(a,h)anthracene

Concen: 2.24 ng/ul

RT: 25.76 min Scan# 3855

Delta R.T. -0.01 min

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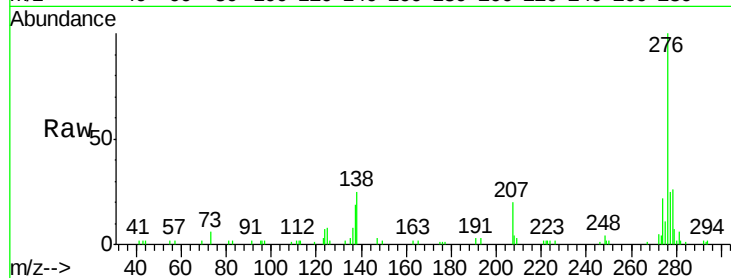
Tgt Ion:278 Resp: 21293

Ion Ratio Lower Upper

278 100

139 0.0 13.9 20.9#

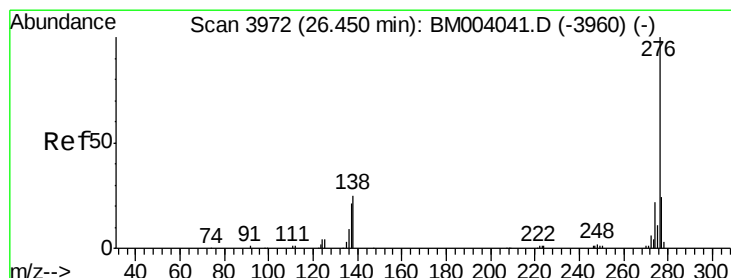
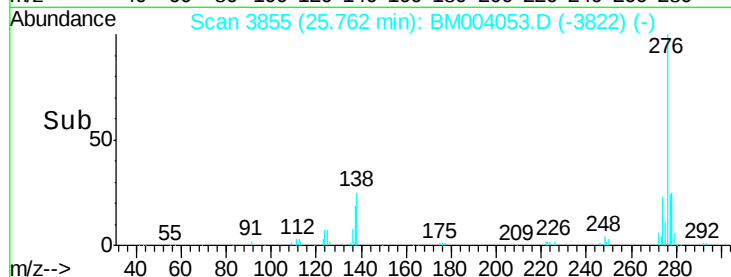
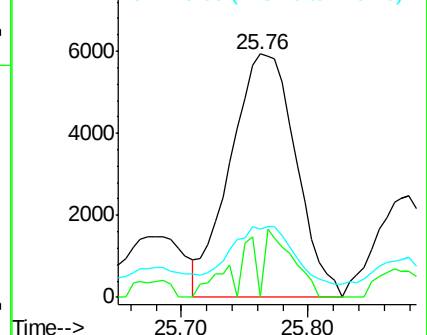
279 27.9 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#94

Benzo(g,h,i)perylene

Concen: 5.75 ng/ul

RT: 26.46 min Scan# 3974

Delta R.T. 0.01 min

Lab File: BM004053.D

Acq: 15 Jan 2016 18:24

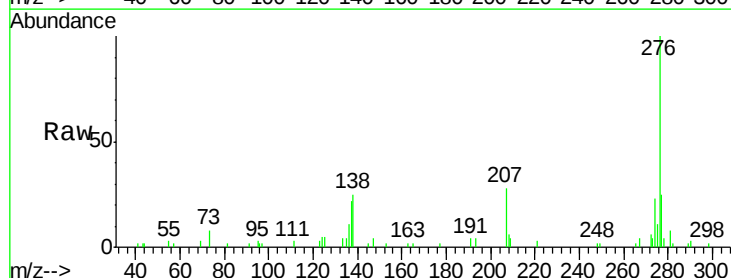
Tgt Ion:276 Resp: 54694

Ion Ratio Lower Upper

276 100

138 25.0 18.9 28.3

277 25.5 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

