

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
 Data File : BM004046.D
 Acq On : 15 Jan 2016 14:11
 Operator : SJ/UM
 Sample : H1100-04DL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC985DL

Quant Time: Jan 16 00:37:40 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	32723	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	161171	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	94447	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	211422	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	194564	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	168514	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.85	99	4950	1.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	3003	1.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	4720	2.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	4058	1.84	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	1988	1.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	1950	1.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	4047	1.71	ng/ul	0.01
29) 4-Chloroaniline-d4	10.60	131	1624	0.52	ng/ul	0.01
44) Dimethylphthalate-d6	13.73	166	16484	2.22	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	20131	2.23	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	357	0.27	ng/ul	0.02
58) Fluorene-d10	15.32	176	16184	2.57	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.17	188	24573	2.51	ng/ul	0.00
79) Pyrene-d10	19.47	212	26685	2.65	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	21577	2.56	ng/ul	0.00

Target Compounds

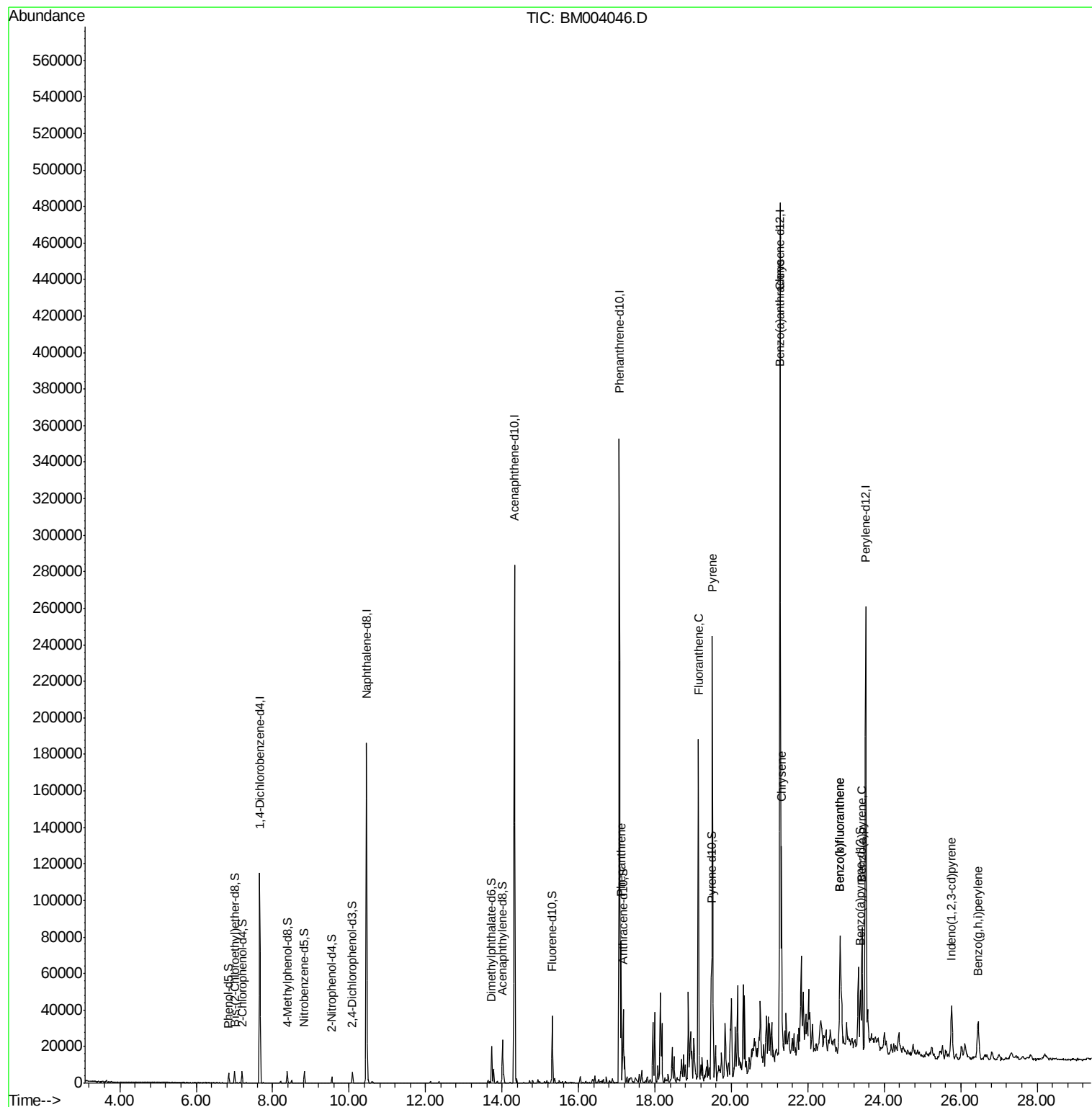
						Qvalue
70) Phenanthrene	17.12	178	48950	4.12	ng/ul	99
77) Fluoranthene	19.14	202	101013	8.18	ng/ul	99
80) Pyrene	19.50	202	148162	11.22	ng/ul	99
83) Benzo(a)anthracene	21.26	228	50193	4.33	ng/ul	94
85) Chrysene	21.32	228	64611	5.87	ng/ul	96
88) Benzo(b)fluoranthene	22.84	252	71183	6.95	ng/ul	96
89) Benzo(k)fluoranthene	22.84	252	60328	6.19	ng/ul#	95
91) Benzo(a)pyrene	23.41	252	47664	4.91	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.76	276	28314	2.63	ng/ul	96
94) Benzo(g,h,i)perylene	26.45	276	24445	2.71	ng/ul	97

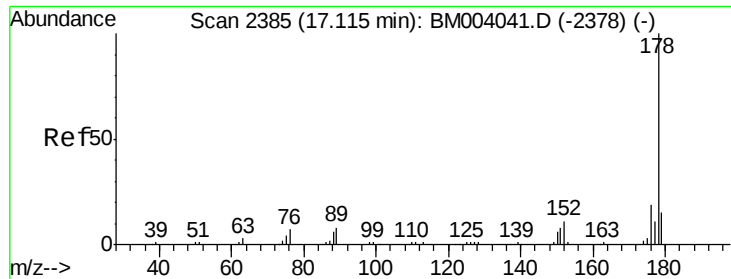
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Sat Jan 16 00:22:06 2016
Response via : Initial Calibration





#70

Phenanthrene

Concen: 4.12 ng/ul

RT: 17.12 min Scan# 2385

Delta R.T. 0.00 min

Lab File: BM004046.D

Acq: 15 Jan 2016 14:11

Instrument :

BNA_M

ClientSampleId :

BC985DL

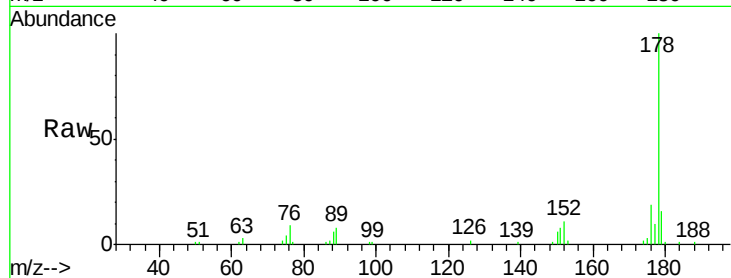
Tgt Ion:178 Resp: 48950

Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.4

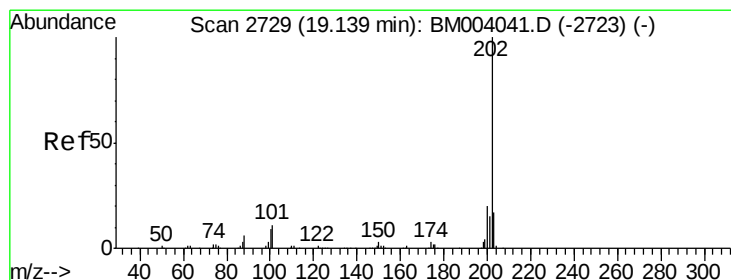
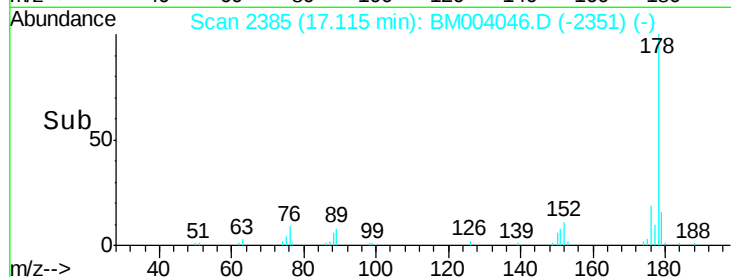
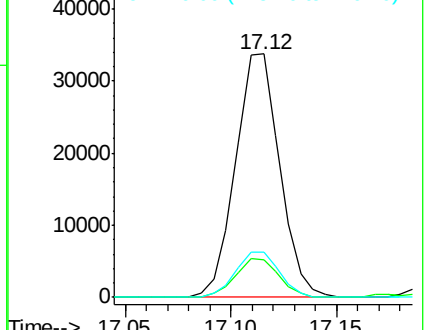
176 18.7 15.6 23.4



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: 8.18 ng/ul

RT: 19.14 min Scan# 2729

Delta R.T. 0.00 min

Lab File: BM004046.D

Acq: 15 Jan 2016 14:11

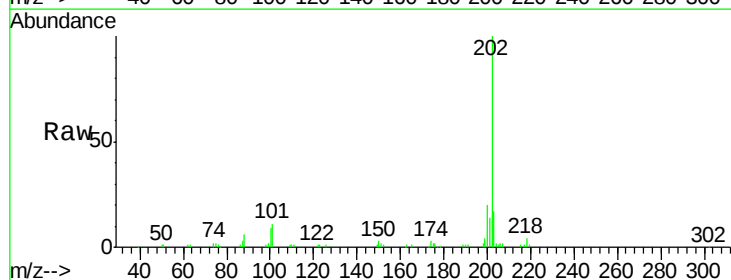
Tgt Ion:202 Resp: 101013

Ion Ratio Lower Upper

202 100

101 11.2 8.8 13.2

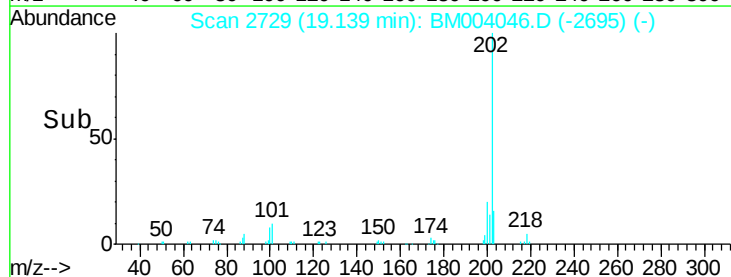
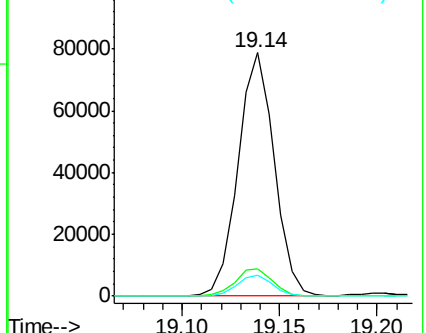
100 8.7 6.6 9.8

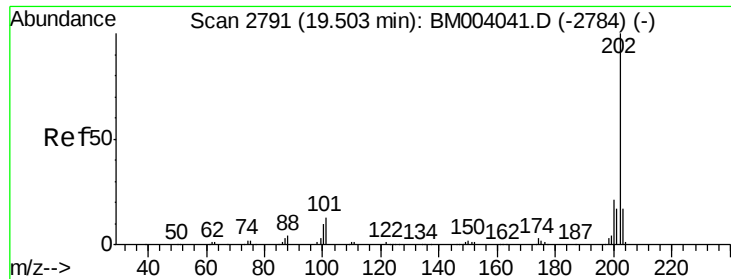


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

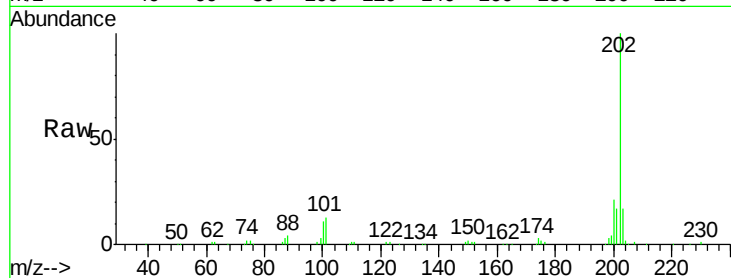




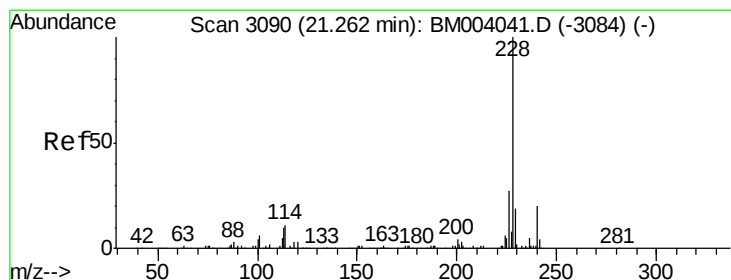
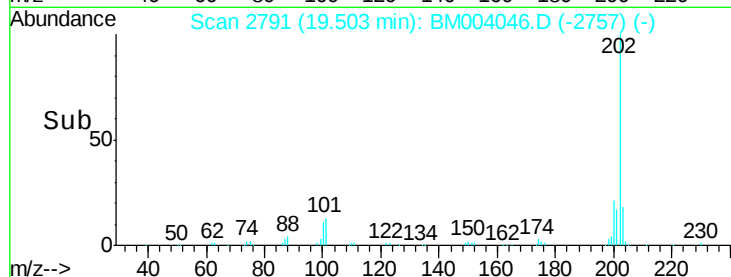
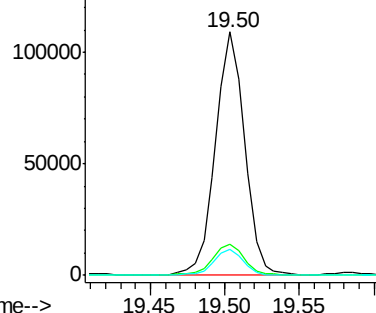
#80
 Pyrene
 Concen: 11.22 ng/ul
 RT: 19.50 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: BM004046.D
 Acq: 15 Jan 2016 14:11

Instrument :
 BNA_M
 ClientSampleID :
 BC985DL

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.1	10.2	15.2
100	10.6	8.5	12.7

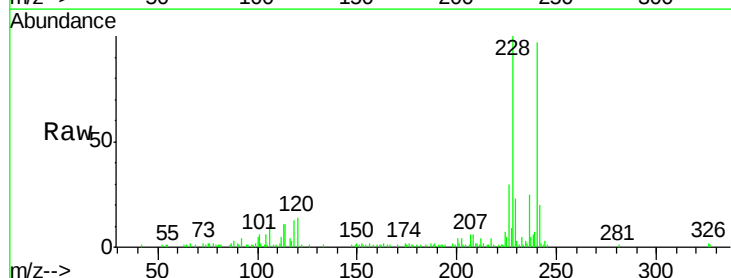


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

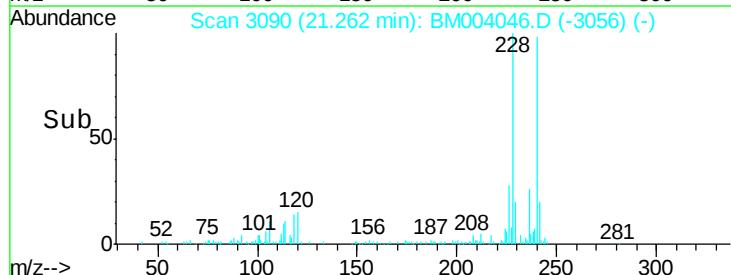
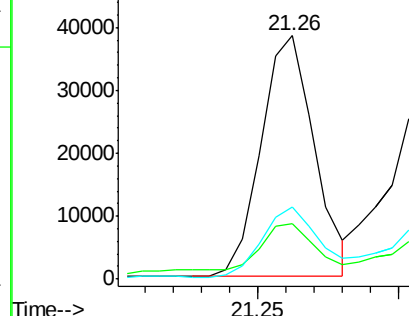


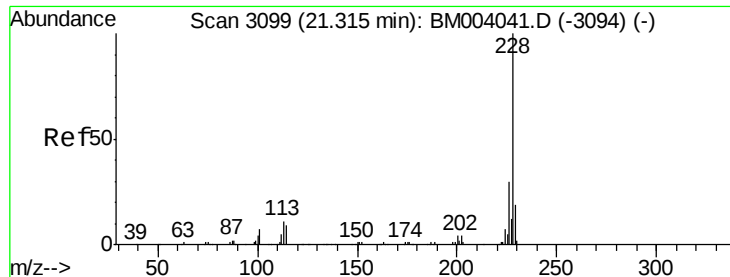
#83
 Benzo(a)anthracene
 Concen: 4.33 ng/ul
 RT: 21.26 min Scan# 3090
 Delta R.T. 0.00 min
 Lab File: BM004046.D
 Acq: 15 Jan 2016 14:11

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.8	15.7	23.5
226	29.7	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: 5.87 ng/ul

RT: 21.32 min Scan# 3099

Delta R.T. 0.00 min

Lab File: BM004046.D

Acq: 15 Jan 2016 14:11

Instrument :

BNA_M

ClientSampled :

BC985DL

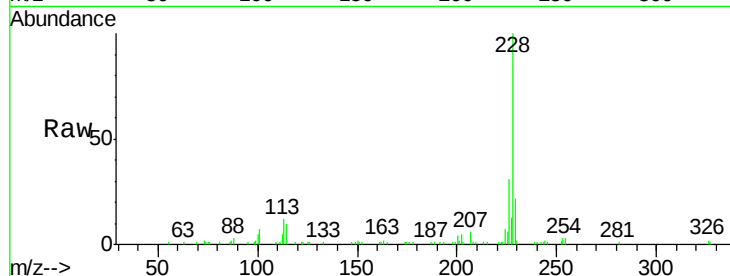
Tgt Ion:228 Resp: 64611

Ion Ratio Lower Upper

228 100

226 31.3 24.0 36.0

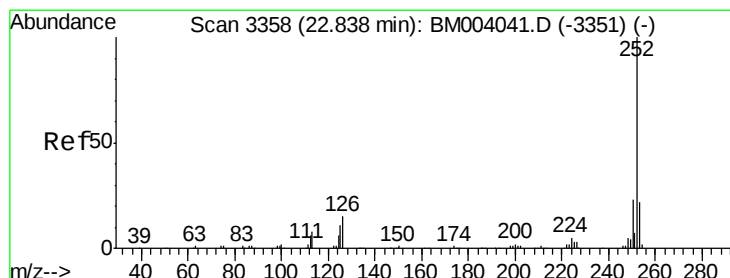
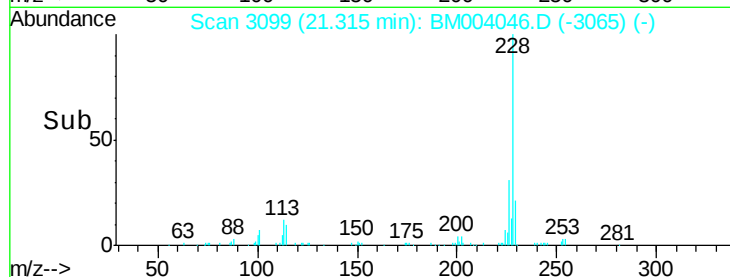
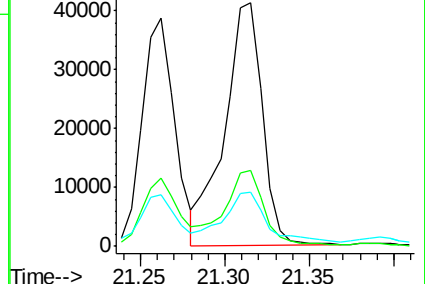
229 22.3 15.6 23.4



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: 6.95 ng/ul

RT: 22.84 min Scan# 3359

Delta R.T. 0.01 min

Lab File: BM004046.D

Acq: 15 Jan 2016 14:11

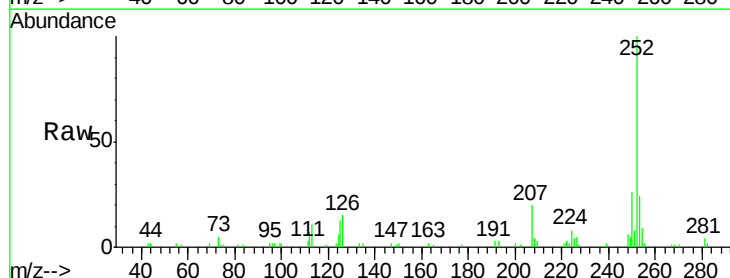
Tgt Ion:252 Resp: 71183

Ion Ratio Lower Upper

252 100

253 23.5 17.5 26.3

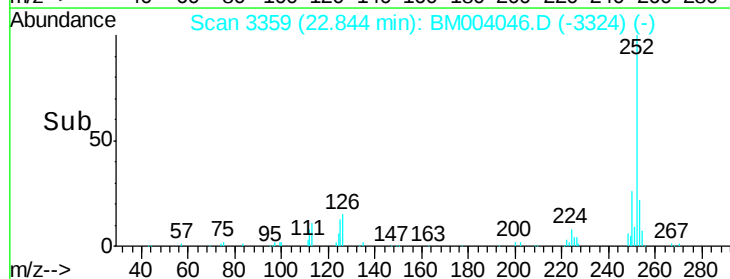
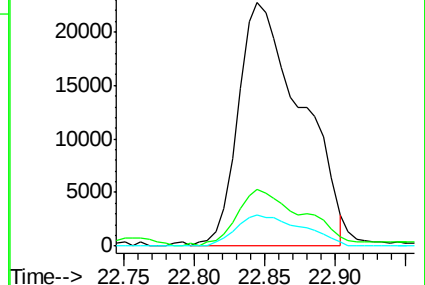
125 12.7 8.5 12.7

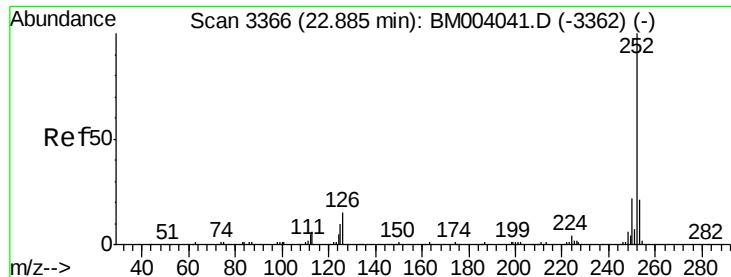


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 6.19 ng/ul

RT: 22.84 min Scan# 3359

Delta R.T. -0.04 min

Lab File: BM004046.D

Acq: 15 Jan 2016 14:11

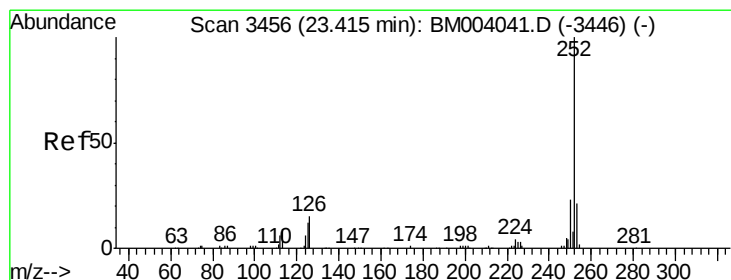
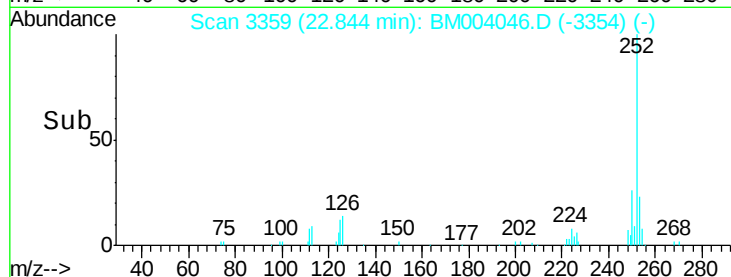
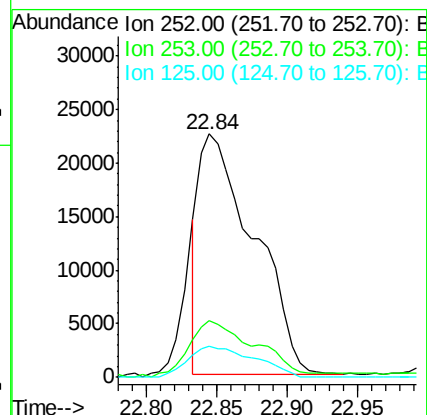
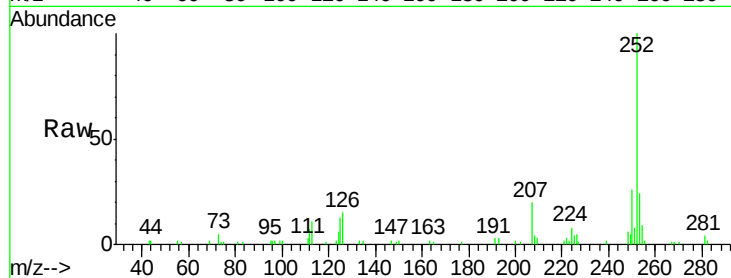
Instrument :

BNA_M

ClientSampleId :

BC985DL

Tgt Ion:	252	Resp:	60328
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.3	25.9
125	12.7	8.2	12.2#



#91

Benzo(a)pyrene

Concen: 4.91 ng/ul

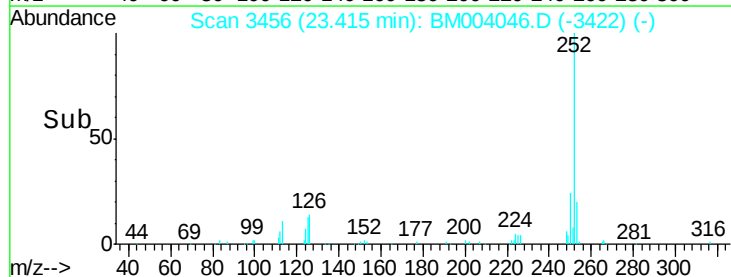
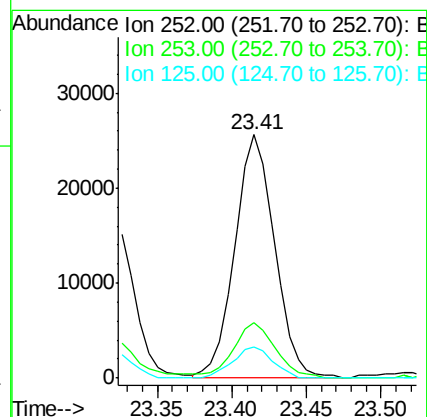
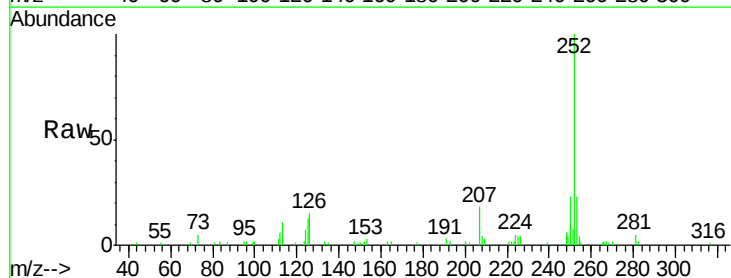
RT: 23.41 min Scan# 3456

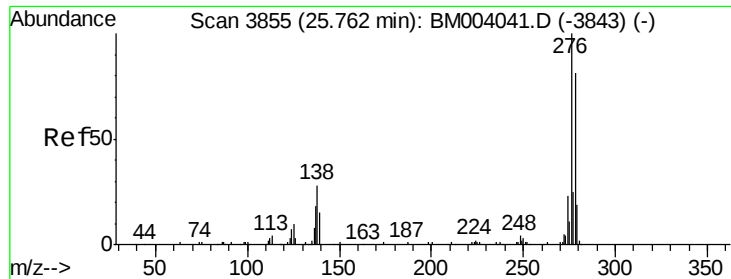
Delta R.T. 0.00 min

Lab File: BM004046.D

Acq: 15 Jan 2016 14:11

Tgt Ion:	252	Resp:	47664
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.2	25.8
125	12.6	9.0	13.6





#92

Indeno(1,2,3-cd)pyrene

Concen: 2.63 ng/ul

RT: 25.76 min Scan# 3855

Delta R.T. 0.00 min

Lab File: BM004046.D

Acq: 15 Jan 2016 14:11

Instrument :

BNA_M

ClientSampleId :

BC985DL

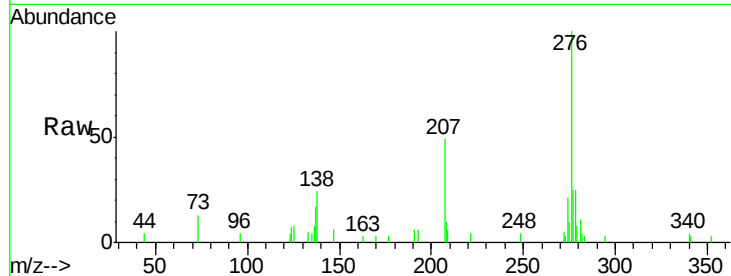
Tgt Ion:276 Resp: 28314

Ion Ratio Lower Upper

276 100

138 24.0 22.3 33.5

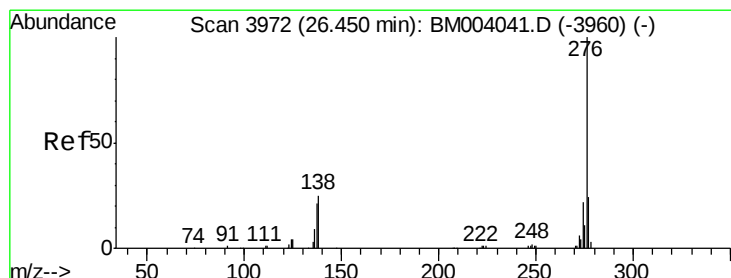
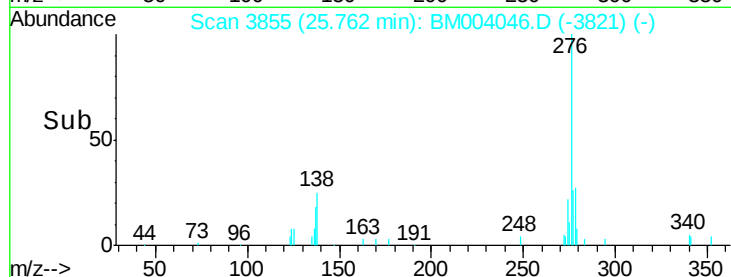
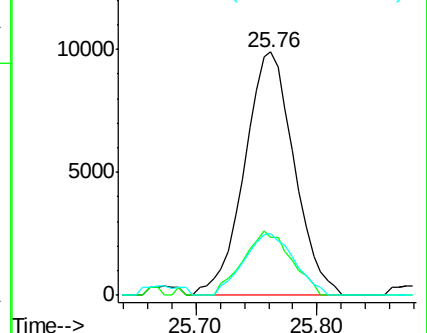
277 25.2 20.2 30.2



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: 2.71 ng/ul

RT: 26.45 min Scan# 3972

Delta R.T. 0.00 min

Lab File: BM004046.D

Acq: 15 Jan 2016 14:11

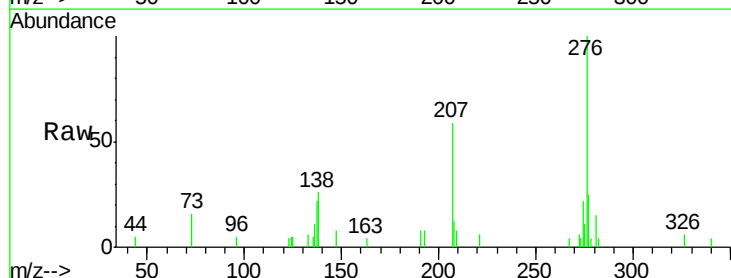
Tgt Ion:276 Resp: 24445

Ion Ratio Lower Upper

276 100

138 25.8 18.9 28.3

277 24.5 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

