

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011316\
 Data File : BM003978.D
 Acq On : 13 Jan 2016 05:41
 Operator : SJ/UM
 Sample : H1095-13 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC975

Quant Time: Jan 13 06:50:06 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	33141	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	165090	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	102009	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	235391	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	250511	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	200424	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	4980	1.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	3189	2.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	4500	1.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	3323	1.49	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	1923	1.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	1741	1.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	3779	1.56	ng/ul	0.01
29) 4-Chloroaniline-d4	10.60	131	4066	1.27	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	16546	2.07	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	19951	2.04	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.32	176	16890	2.49	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	483	0.36	ng/ul	0.00
71) Anthracene-d10	17.17	188	26421	2.43	ng/ul	0.00
79) Pyrene-d10	19.47	212	30351	2.34	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	25383	2.54	ng/ul	0.00

Target Compounds

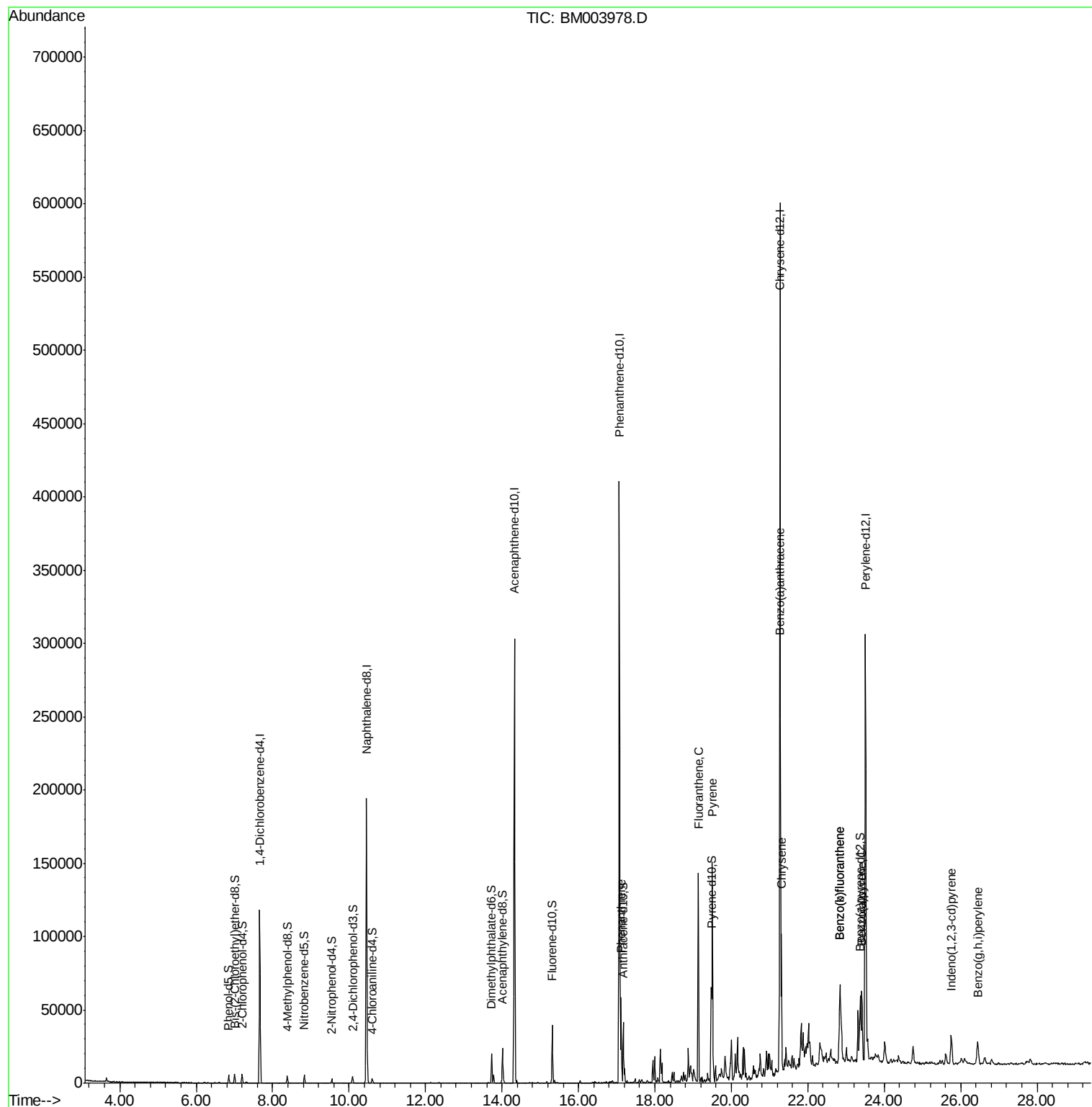
					Qvalue
70) Phenanthrene	17.11	178	35672	2.69 ng/ul	99
77) Fluoranthene	19.14	202	82851	6.02 ng/ul	99
80) Pyrene	19.50	202	95250	5.60 ng/ul	98
83) Benzo(a)anthracene	21.26	228	42952	2.88 ng/ul	96
85) Chrysene	21.31	228	50665	3.57 ng/ul	98
88) Benzo(b)fluoranthene	22.84	252	50376	4.13 ng/ul#	96
89) Benzo(k)fluoranthene	22.84	252	12785	1.10 ng/ul#	95
91) Benzo(a)pyrene	23.41	252	36113	3.13 ng/ul	95
92) Indeno(1,2,3-cd)pyrene	25.75	276	19502	1.53 ng/ul	99
94) Benzo(g,h,i)perylene	26.44	276	19518	1.82 ng/ul	96

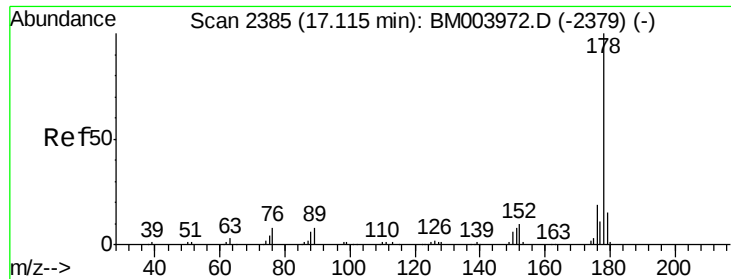
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#70

Phenanthrene

Concen: 2.69 ng/ul

RT: 17.11 min Scan# 2384

Delta R.T. -0.01 min

Lab File: BM003978.D

Acq: 13 Jan 2016 05:41

Instrument :

BNA_M

ClientSampleId :

BC975

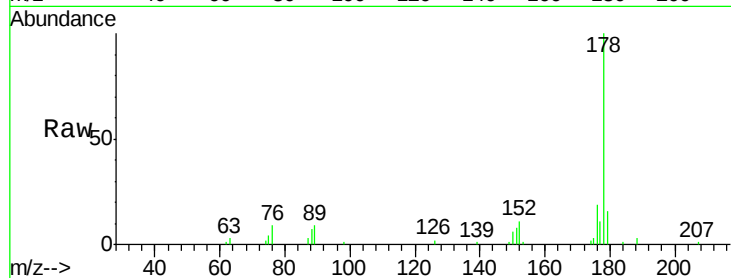
Tgt Ion:178 Resp: 35672

Ion Ratio Lower Upper

178 100

179 15.9 12.2 18.4

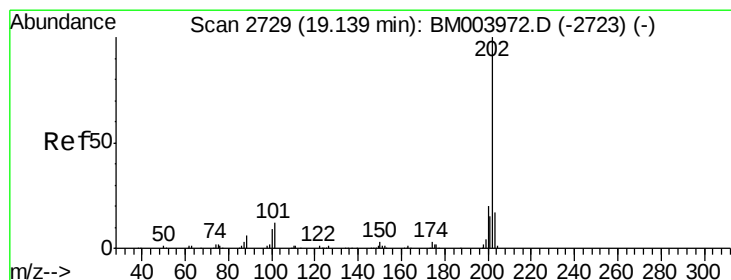
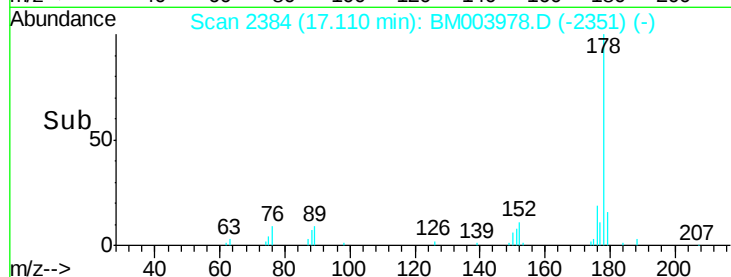
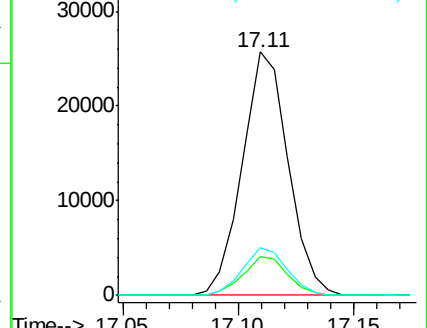
176 19.5 15.6 23.4



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: 6.02 ng/ul

RT: 19.14 min Scan# 2729

Delta R.T. 0.00 min

Lab File: BM003978.D

Acq: 13 Jan 2016 05:41

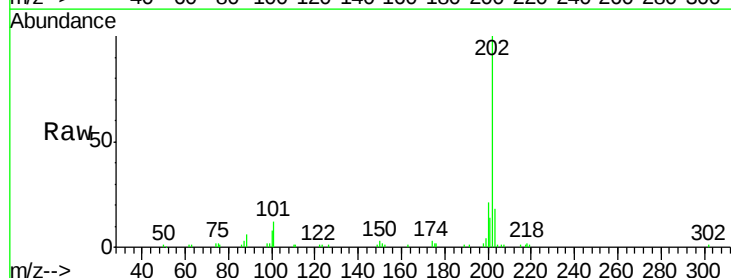
Tgt Ion:202 Resp: 82851

Ion Ratio Lower Upper

202 100

101 11.8 8.8 13.2

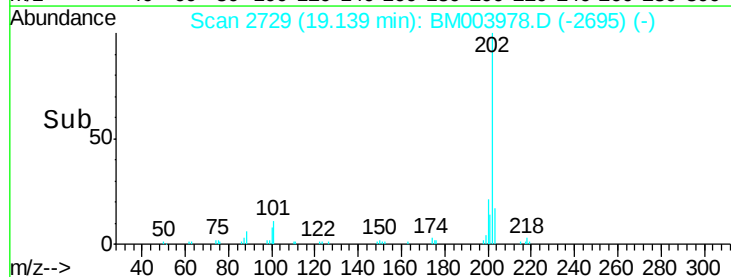
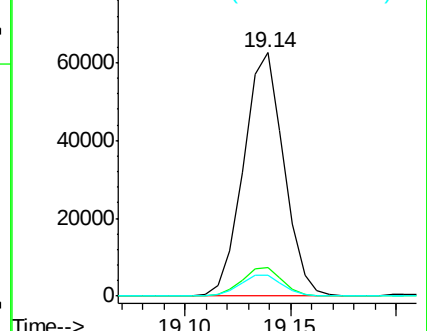
100 8.4 6.6 9.8

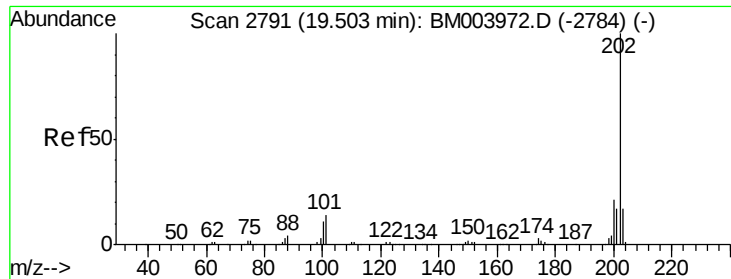


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

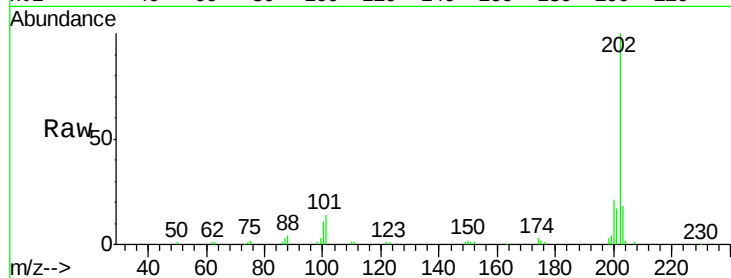




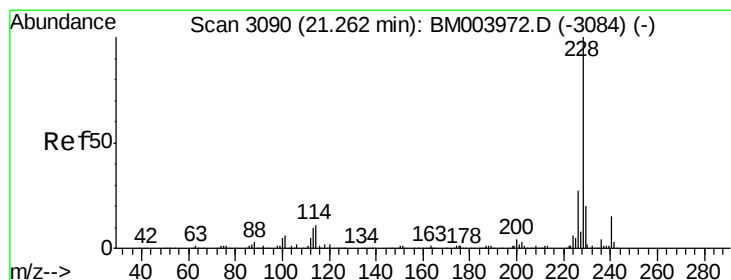
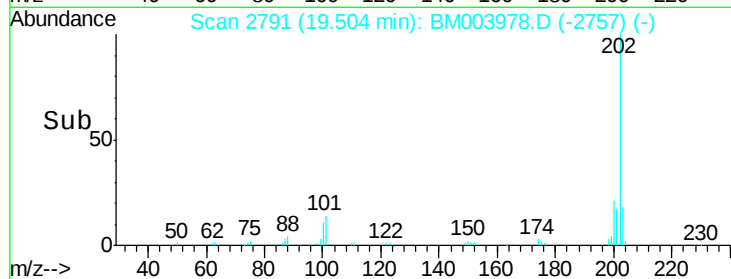
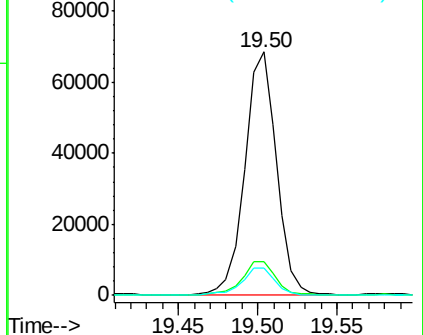
#80
 Pyrene
 Concen: 5.60 ng/ul
 RT: 19.50 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: BM003978.D
 Acq: 13 Jan 2016 05:41

Instrument :
 BNA_M
 ClientSampleId :
 BC975

Tgt Ion: 202 Resp: 95250
 Ion Ratio Lower Upper
 202 100
 101 13.8 10.2 15.2
 100 11.2 8.5 12.7

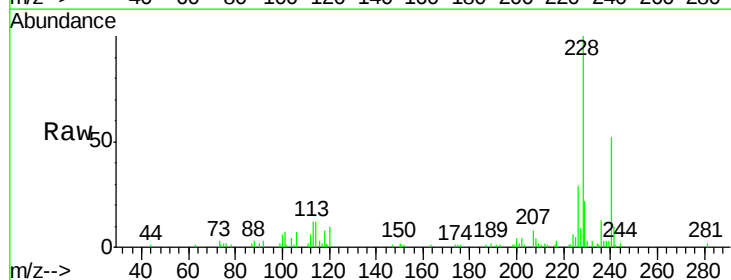


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

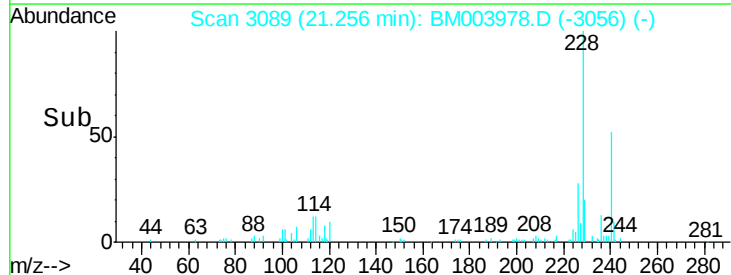
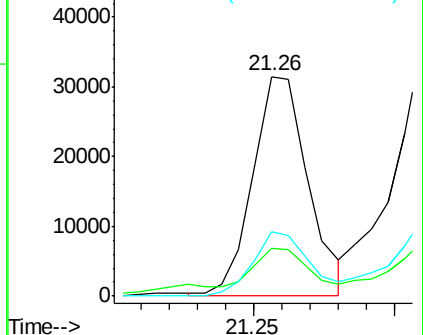


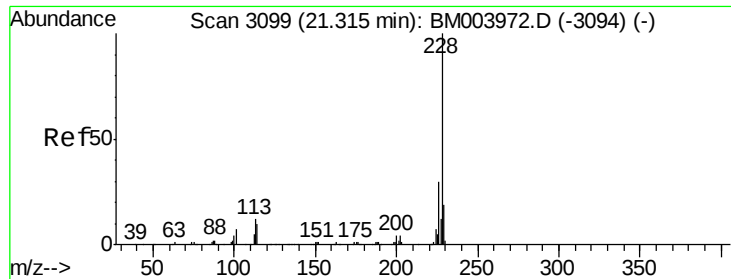
#83
 Benzo(a)anthracene
 Concen: 2.88 ng/ul
 RT: 21.26 min Scan# 3089
 Delta R.T. -0.01 min
 Lab File: BM003978.D
 Acq: 13 Jan 2016 05:41

Tgt Ion: 228 Resp: 42952
 Ion Ratio Lower Upper
 228 100
 229 21.9 15.7 23.5
 226 29.1 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: 3.57 ng/ul

RT: 21.31 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BM003978.D

Acq: 13 Jan 2016 05:41

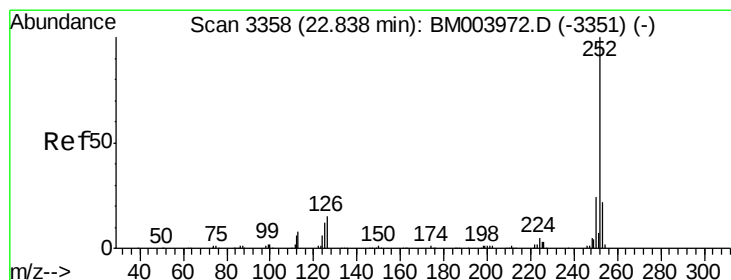
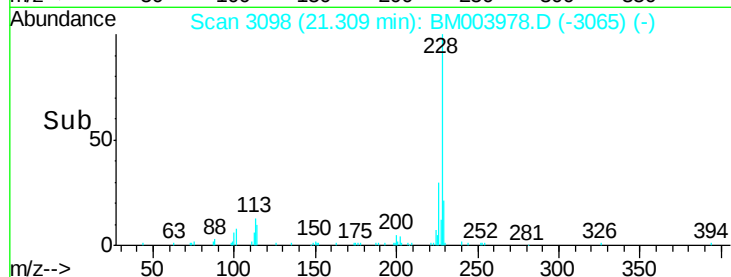
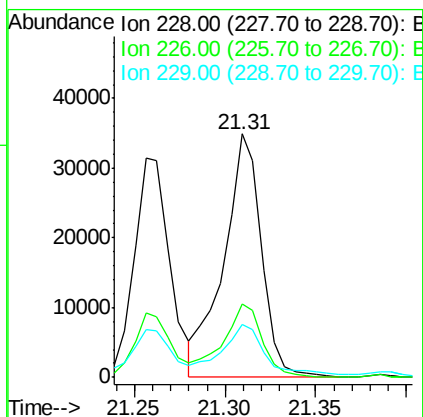
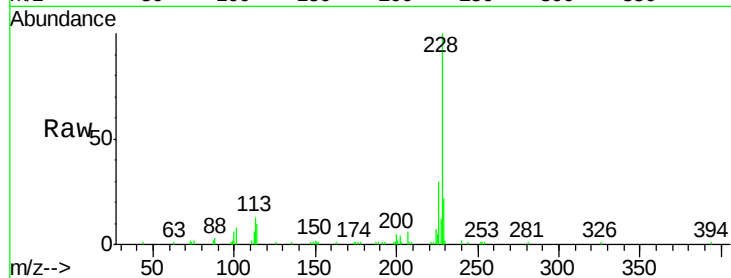
Instrument :

BNA_M

ClientSampleId :

BC975

Tgt Ion:	228	Resp:	50665
Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.0	36.0
229	21.7	15.6	23.4



#88

Benzo(b)fluoranthene

Concen: 4.13 ng/ul

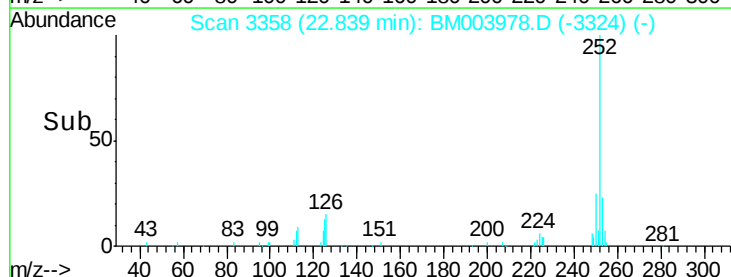
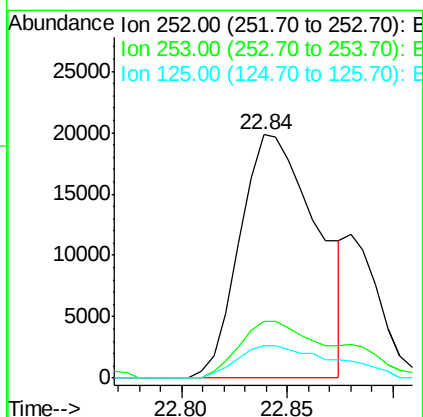
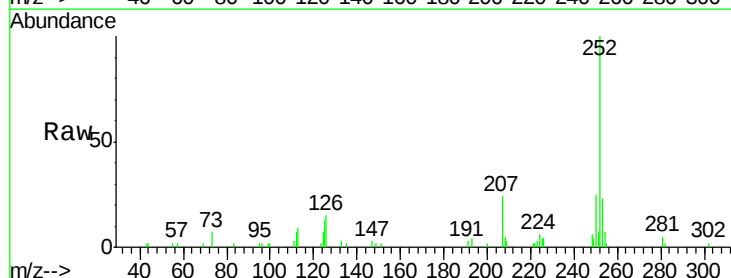
RT: 22.84 min Scan# 3358

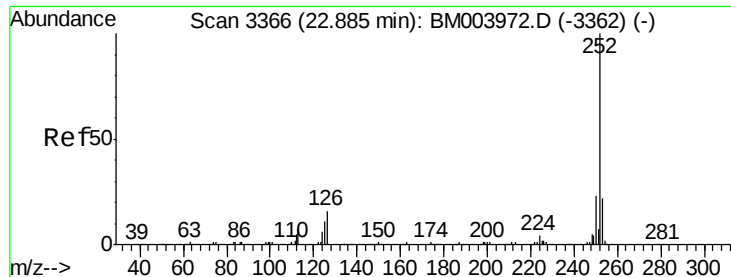
Delta R.T. 0.00 min

Lab File: BM003978.D

Acq: 13 Jan 2016 05:41

Tgt Ion:	252	Resp:	50376
Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	13.3	8.5	12.7#





#89

Benzo(k)fluoranthene

Concen: 1.10 ng/ul

RT: 22.84 min Scan# 3358

Delta R.T. -0.05 min

Lab File: BM003978.D

Acq: 13 Jan 2016 05:41

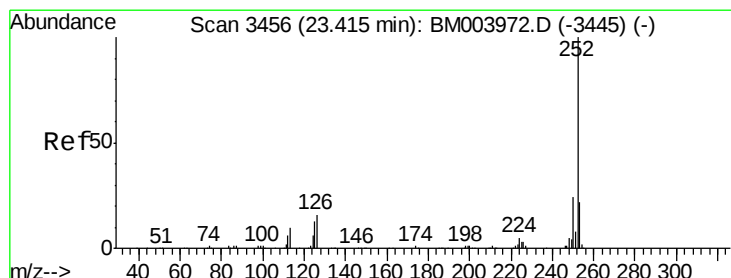
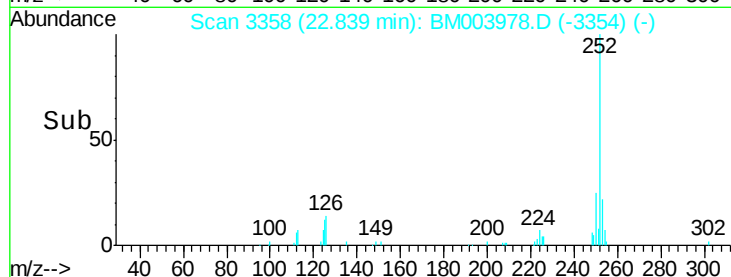
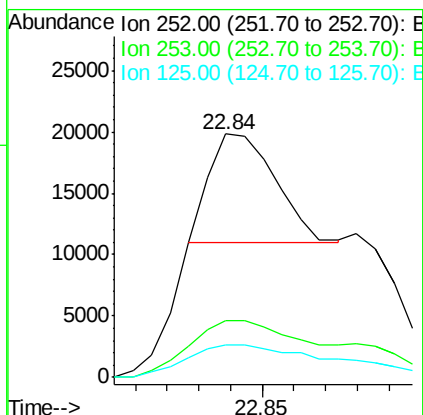
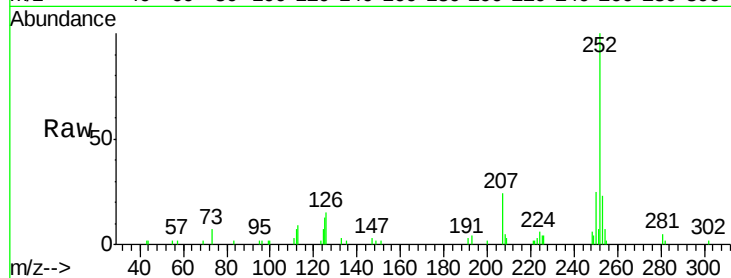
Instrument :

BNA_M

ClientSampleId :

BC975

Tgt Ion:	252	Resp:	12785
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.3	25.9
125	13.3	8.2	12.2#



#91

Benzo(a)pyrene

Concen: 3.13 ng/ul

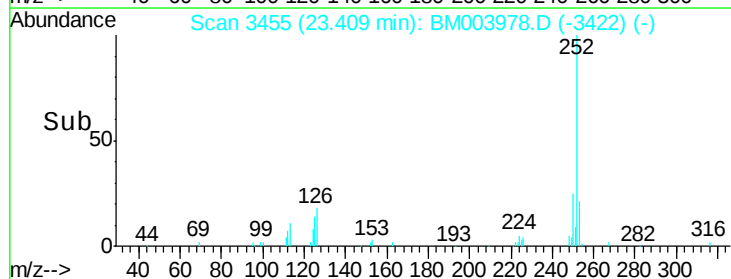
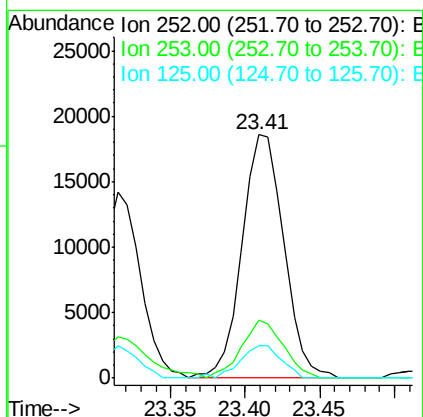
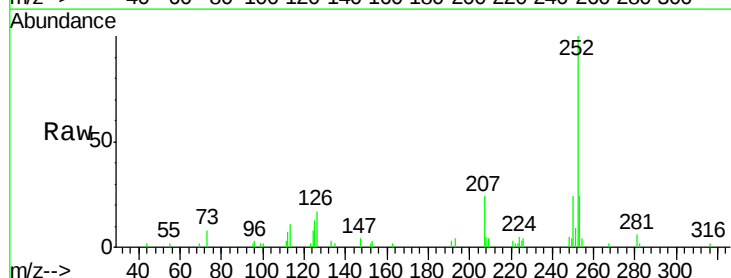
RT: 23.41 min Scan# 3455

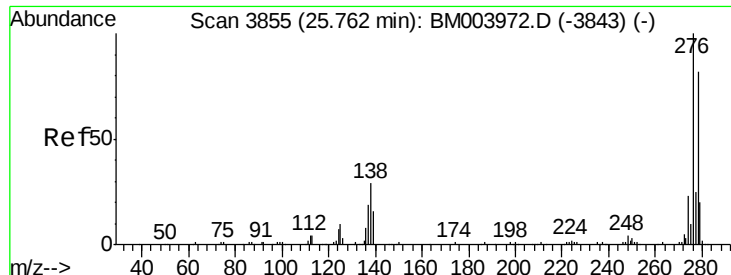
Delta R.T. -0.01 min

Lab File: BM003978.D

Acq: 13 Jan 2016 05:41

Tgt Ion:	252	Resp:	36113
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.2	25.8
125	13.2	9.0	13.6





#92

Indeno(1,2,3-cd)pyrene

Concen: 1.53 ng/ul

RT: 25.75 min Scan# 3853

Delta R.T. -0.01 min

Lab File: BM003978.D

Acq: 13 Jan 2016 05:41

Instrument :

BNA_M

ClientSampleId :

BC975

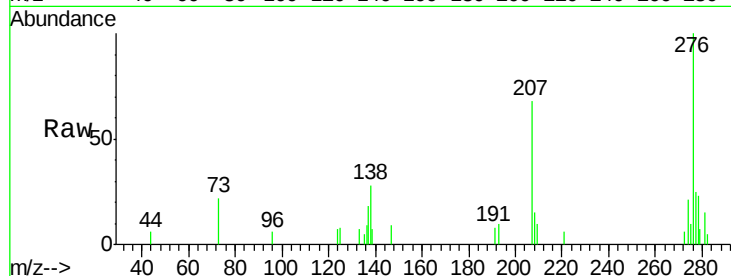
Tgt Ion:276 Resp: 19502

Ion Ratio Lower Upper

276 100

138 28.5 22.3 33.5

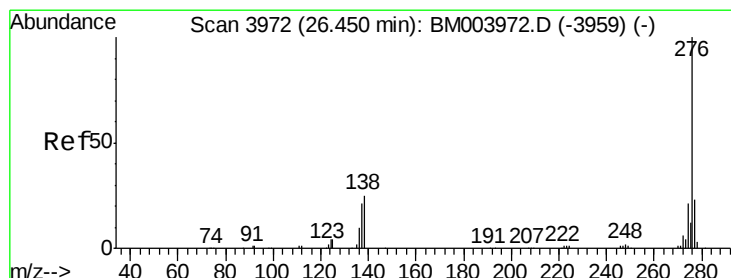
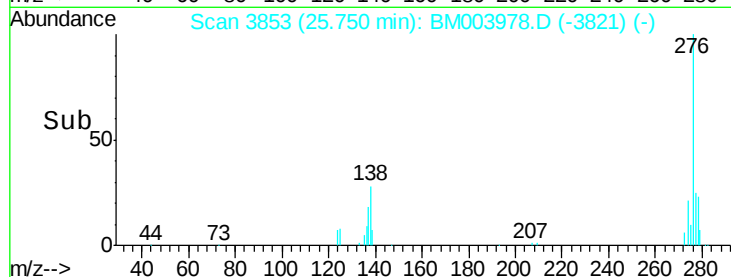
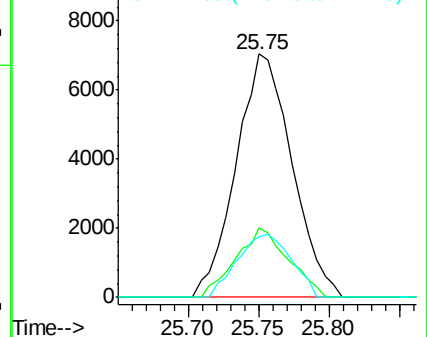
277 25.0 20.2 30.2



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



#94

Benzo(g,h,i)perylene

Concen: 1.82 ng/ul

RT: 26.44 min Scan# 3971

Delta R.T. -0.01 min

Lab File: BM003978.D

Acq: 13 Jan 2016 05:41

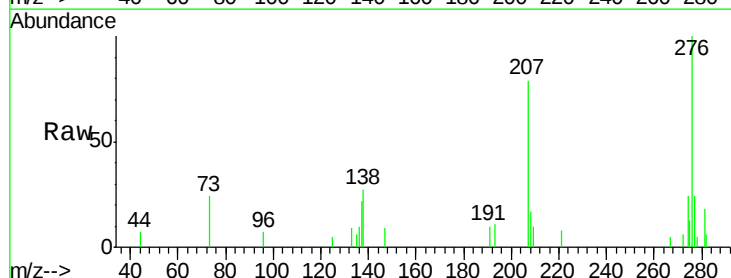
Tgt Ion:276 Resp: 19518

Ion Ratio Lower Upper

276 100

138 26.7 18.9 28.3

277 24.3 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

