

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011516\
 Data File : BM004021.D
 Acq On : 14 Jan 2016 20:20
 Operator : SJ/UM
 Sample : H1099-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC997

Quant Time: Jan 15 00:51:16 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 15 00:28:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	39685	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	190320	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	111703	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	244246	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	200648	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	177065	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	3545	4.00	ng/uL	0.00
5) Phenol-d5	6.85	99	93024	28.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	51780	27.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	76936	28.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	59541	22.30	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	38221	26.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	42512	27.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	74737	26.77	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	86255	23.40	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	255598	29.15	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	310917	29.10	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	35916	22.80	ng/ul	0.00
58) Fluorene-d10	15.32	176	223034	29.98	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	27750	20.15	ng/ul	0.00
71) Anthracene-d10	17.17	188	335473	29.70	ng/ul	0.00
79) Pyrene-d10	19.47	212	346150	33.31	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	271170	30.66	ng/ul	0.00

Target Compounds

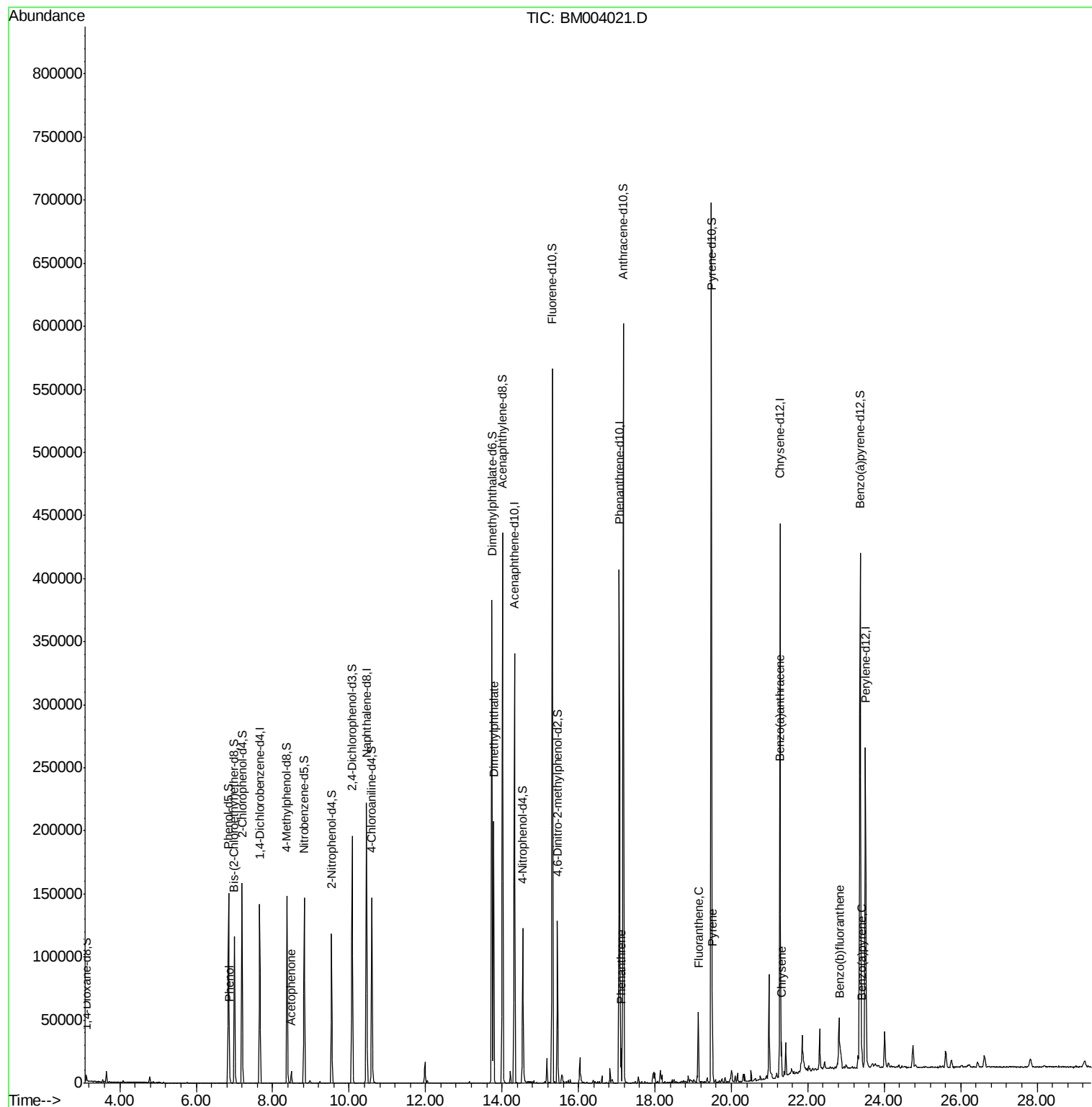
						Qvalue
6) Phenol	6.87	94	3690	1.06	ng/ul#	89
14) Acetophenone	8.49	105	6089	1.46	ng/ul	91
45) Dimethylphthalate	13.78	163	132658	14.84	ng/ul	100
70) Phenanthrene	17.11	178	18906	1.38	ng/ul	99
77) Fluoranthene	19.14	202	34481	2.42	ng/ul	99
80) Pyrene	19.50	202	38345	2.82	ng/ul	99
83) Benzo(a)anthracene	21.26	228	15317	1.28	ng/ul	97
85) Chrysene	21.31	228	16546	1.46	ng/ul	98
88) Benzo(b)fluoranthene	22.84	252	17352	1.61	ng/ul#	95
91) Benzo(a)pyrene	23.41	252	12251	1.20	ng/ul	96

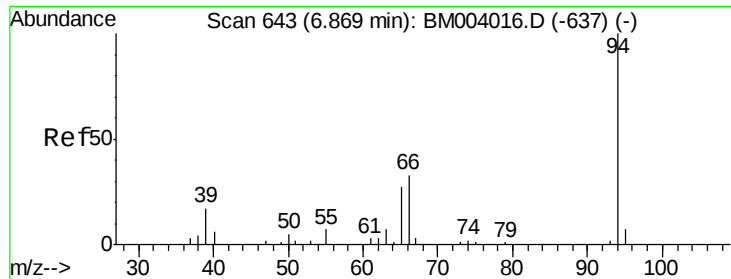
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.06 ng/ul

RT: 6.87 min Scan# 643

Delta R.T. 0.00 min

Lab File: BM004021.D

Acq: 14 Jan 2016 20:20

Instrument :

BNA_M

ClientSampleId :

BC997

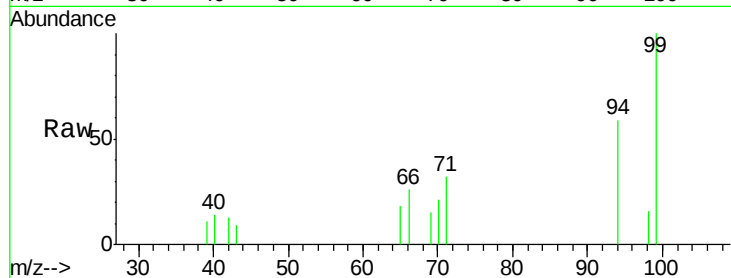
Tgt Ion: 94 Resp: 3690

Ion Ratio Lower Upper

94 100

65 30.0 21.0 31.6

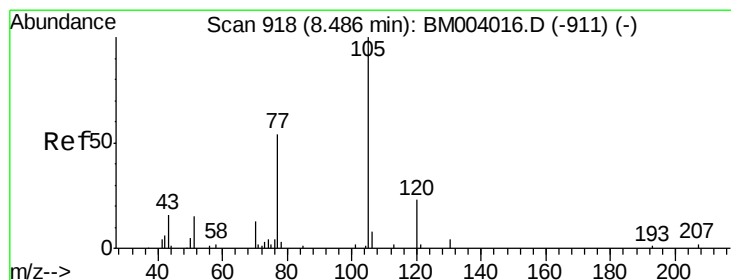
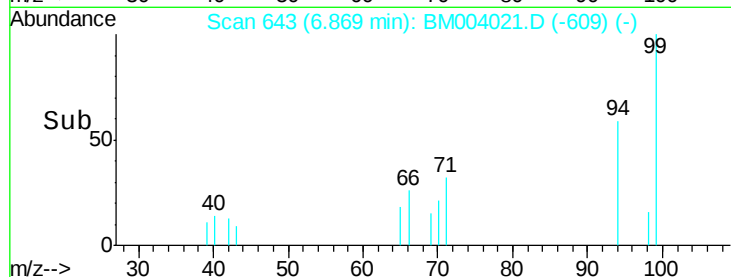
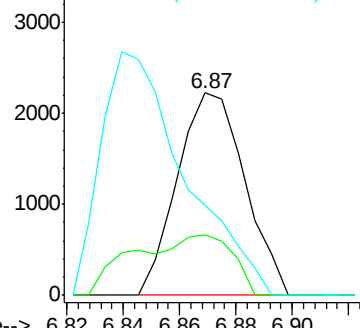
66 44.7 29.3 43.9#



Abundance Ion 94.00 (93.70 to 94.70): BM004016.D (-637) (-)

Ion 65.00 (64.70 to 65.70): BM004016.D (-637) (-)

Ion 66.00 (65.70 to 66.70): BM004016.D (-637) (-)



#14

Acetophenone

Concen: 1.46 ng/ul

RT: 8.49 min Scan# 918

Delta R.T. 0.00 min

Lab File: BM004021.D

Acq: 14 Jan 2016 20:20

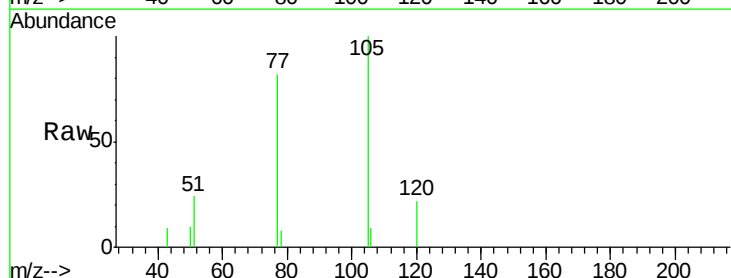
Tgt Ion: 105 Resp: 6089

Ion Ratio Lower Upper

105 100

77 81.6 59.0 88.4

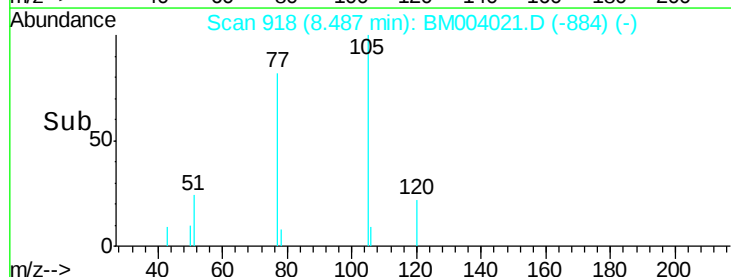
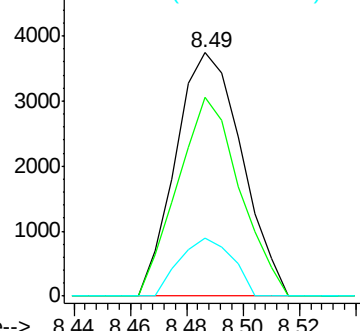
51 23.8 16.4 24.6

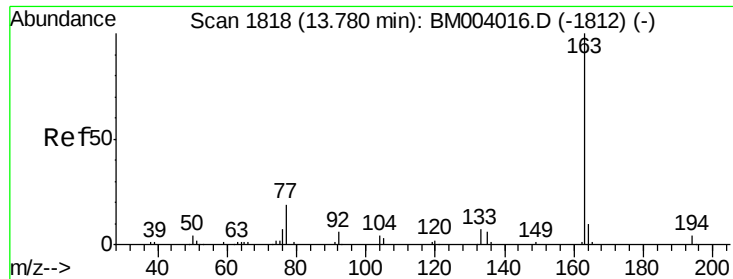


Abundance Ion 105.00 (104.70 to 105.70): BM004016.D (-911) (-)

Ion 77.00 (76.70 to 77.70): BM004016.D (-911) (-)

Ion 51.00 (50.70 to 51.70): BM004016.D (-911) (-)

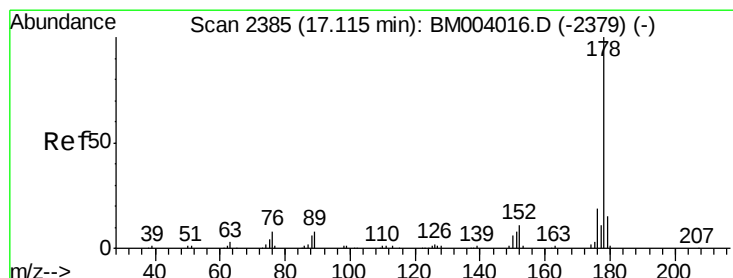
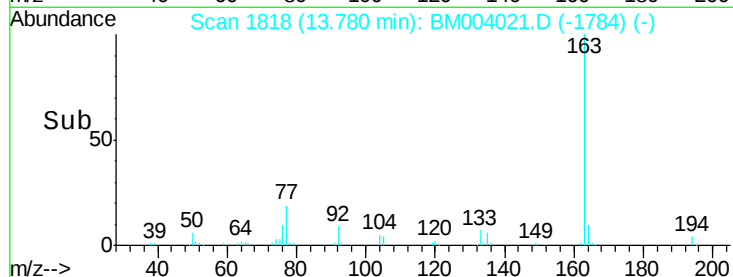
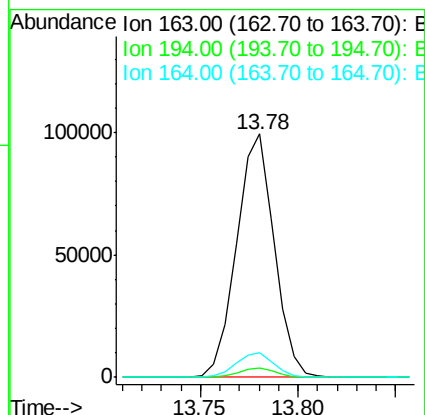
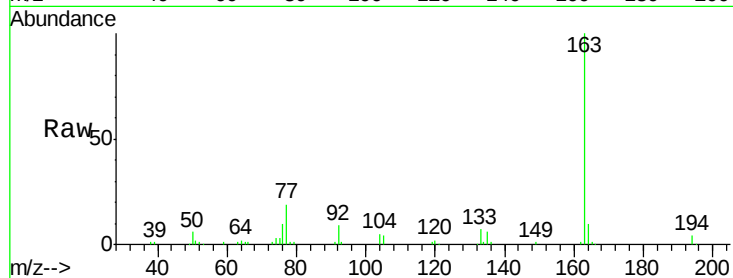




#45
Dimethylphthalate
Concen: 14.84 ng/ul
RT: 13.78 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BM004021.D
Acq: 14 Jan 2016 20:20

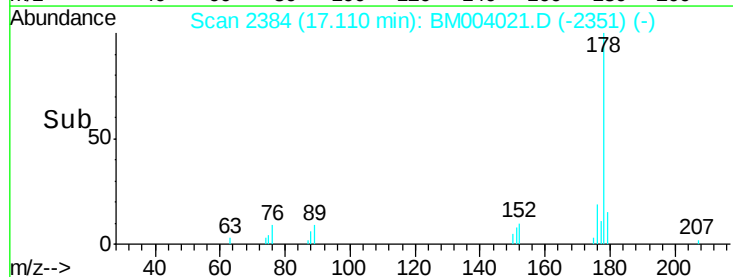
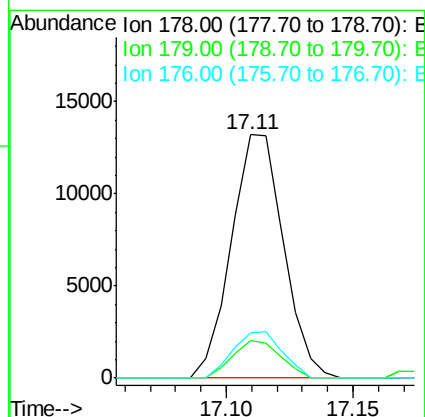
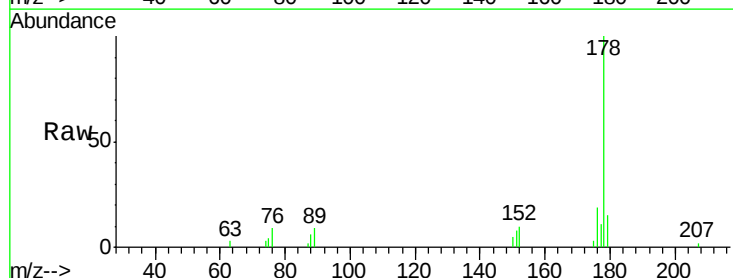
Instrument :
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ClientSampleId :
BC997

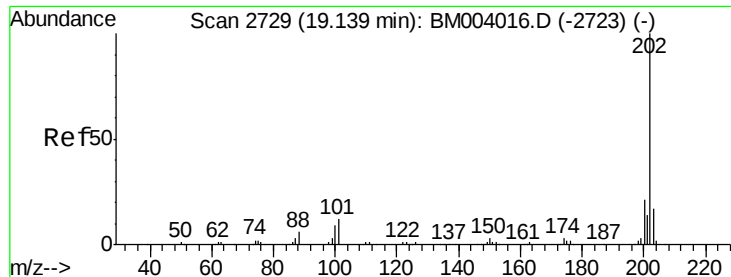
Tgt Ion:163 Resp: 132658
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.0 7.8 11.8



#70
Phenanthrene
Concen: 1.38 ng/ul
RT: 17.11 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM004021.D
Acq: 14 Jan 2016 20:20

Tgt Ion:178 Resp: 18906
Ion Ratio Lower Upper
178 100
179 15.2 12.2 18.4
176 18.8 15.6 23.4

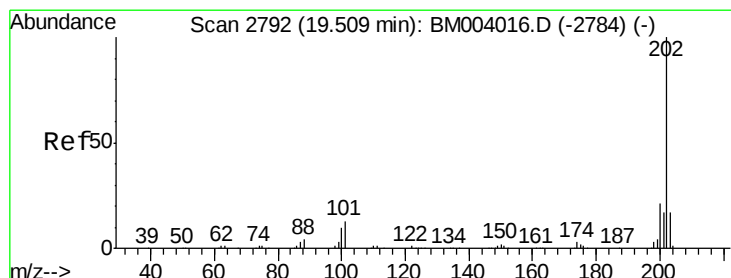
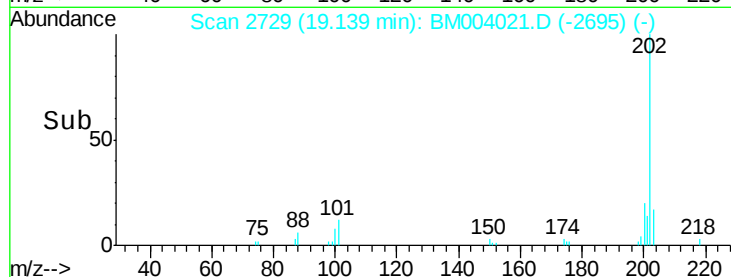
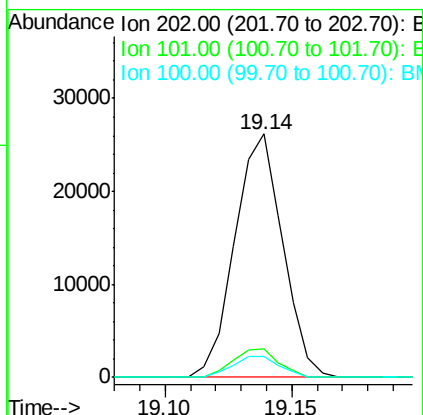
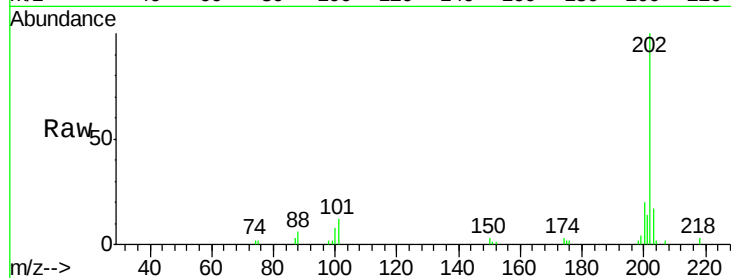




#77
Fluoranthene
 Concen: 2.42 ng/ul
 RT: 19.14 min Scan# 2729
 Delta R.T. 0.00 min
 Lab File: BM004021.D
 Acq: 14 Jan 2016 20:20

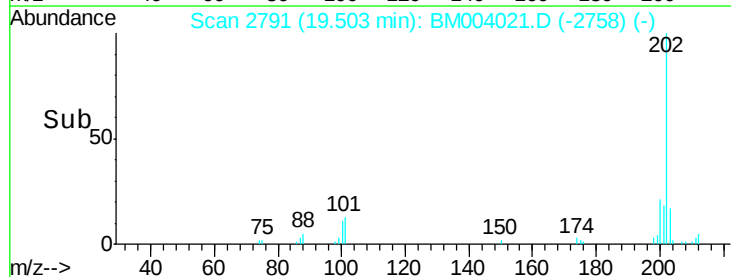
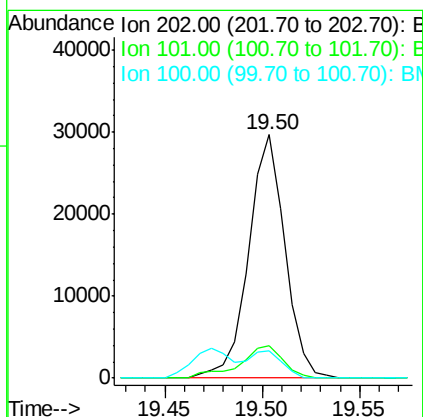
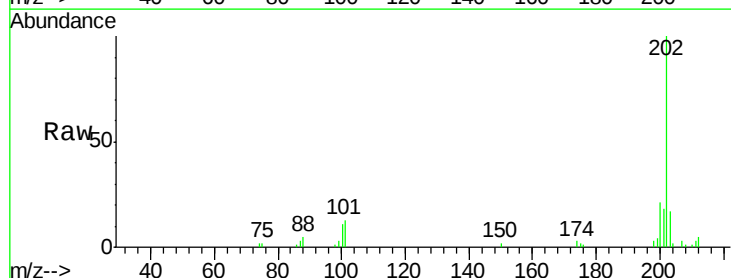
Instrument :
 BNA_M
 ClientSampleId :
 BC997

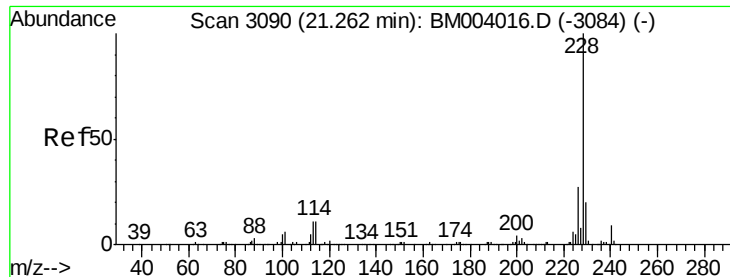
Tgt Ion: 202 Resp: 34481
 Ion Ratio Lower Upper
 202 100
 101 11.6 8.8 13.2
 100 8.4 6.6 9.8



#80
Pyrene
 Concen: 2.82 ng/ul
 RT: 19.50 min Scan# 2791
 Delta R.T. -0.01 min
 Lab File: BM004021.D
 Acq: 14 Jan 2016 20:20

Tgt Ion: 202 Resp: 38345
 Ion Ratio Lower Upper
 202 100
 101 13.4 10.2 15.2
 100 11.0 8.5 12.7





#83

Benzo(a)anthracene

Concen: 1.28 ng/ul

RT: 21.26 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BM004021.D

Acq: 14 Jan 2016 20:20

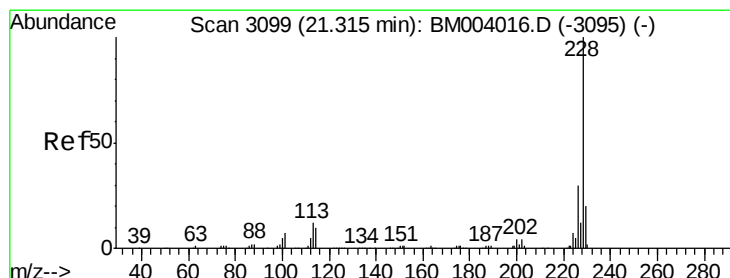
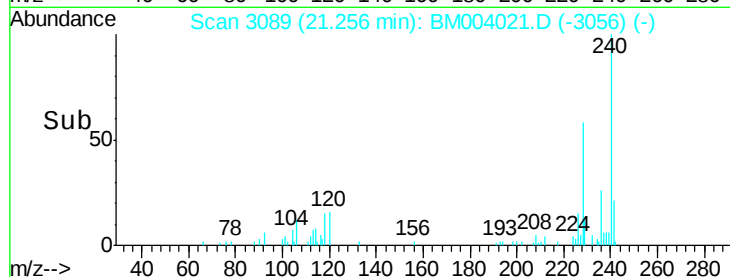
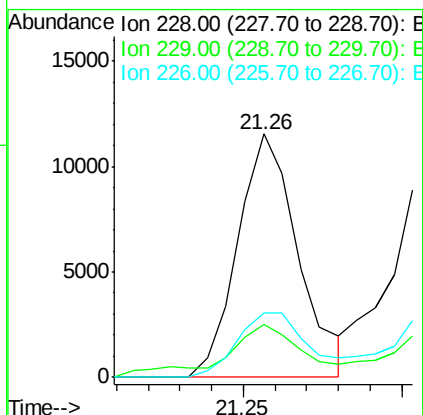
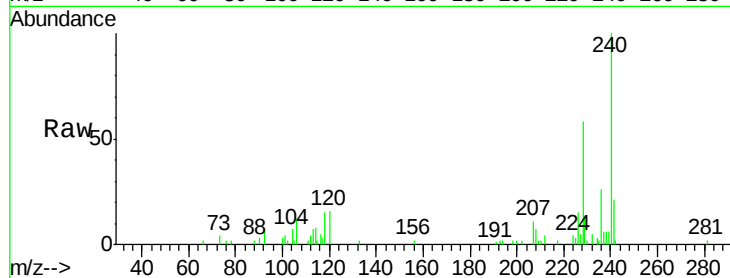
Instrument :

BNA_M

ClientSampleId :

BC997

Tgt Ion:	228	Resp:	15317
Ion	Ratio	Lower	Upper
228	100		
229	21.7	15.7	23.5
226	26.6	21.8	32.6



#85

Chrysene

Concen: 1.46 ng/ul

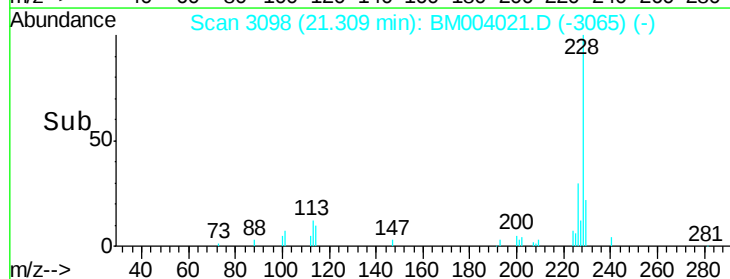
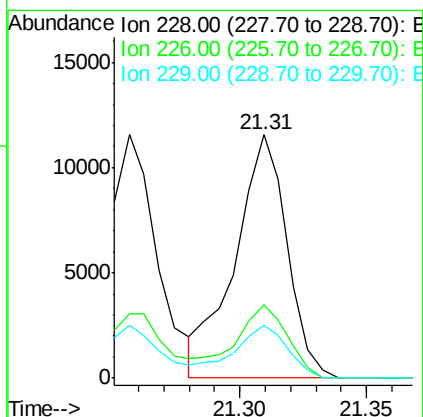
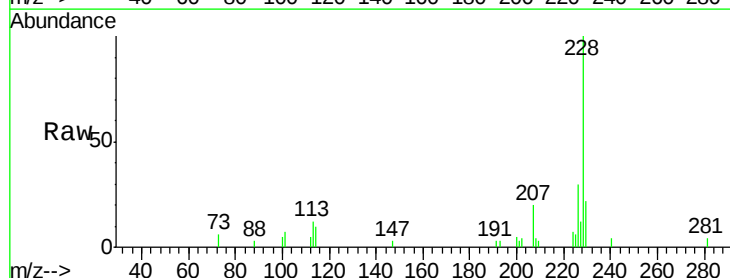
RT: 21.31 min Scan# 3098

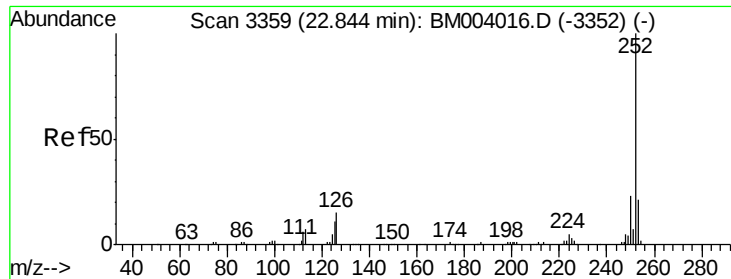
Delta R.T. -0.01 min

Lab File: BM004021.D

Acq: 14 Jan 2016 20:20

Tgt Ion:	228	Resp:	16546
Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.0	36.0
229	21.9	15.6	23.4





#88

Benzo(b)fluoranthene

Concen: 1.61 ng/ul

RT: 22.84 min Scan# 3358

Delta R.T. -0.01 min

Lab File: BM004021.D

Acq: 14 Jan 2016 20:20

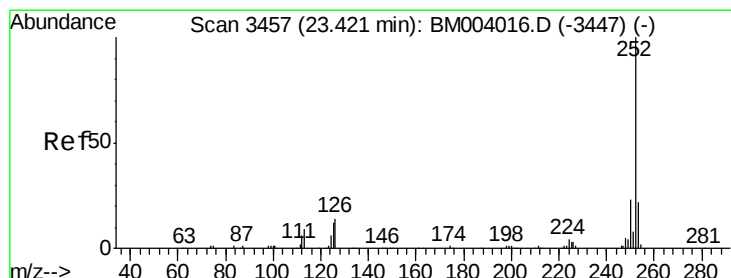
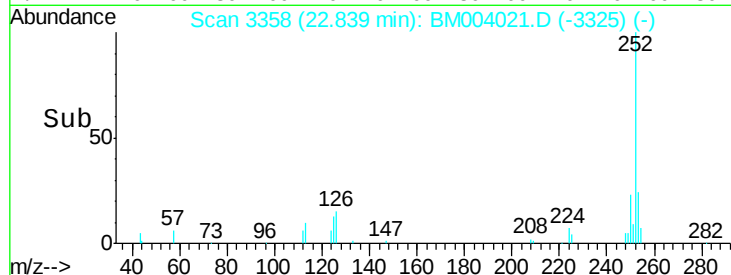
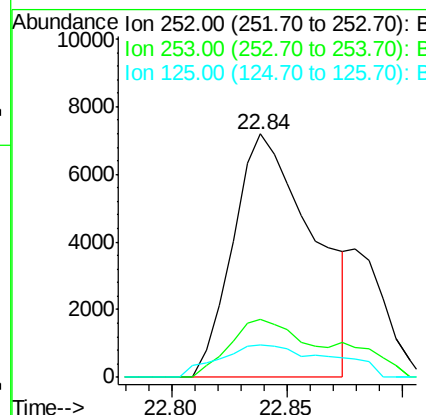
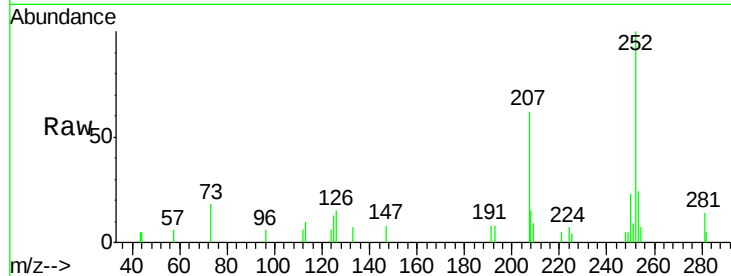
Instrument :

BNA_M

ClientSampled :

BC997

Tgt Ion:	252	Resp:	17352
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.5	26.3
125	13.3	8.5	12.7#



#91

Benzo(a)pyrene

Concen: 1.20 ng/ul

RT: 23.41 min Scan# 3455

Delta R.T. -0.01 min

Lab File: BM004021.D

Acq: 14 Jan 2016 20:20

Tgt Ion:	252	Resp:	12251
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.2	25.8
125	12.4	9.0	13.6

