

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011416\
 Data File : BM004006.D
 Acq On : 14 Jan 2016 04:39
 Operator : SJ/UM
 Sample : H1098-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC9D6

Manual Integrations
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Quant Time: Jan 14 12:33:18 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	46017	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	220410	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	129190	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	283840	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	252917	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	213626	20.00	ng/ul	0.00

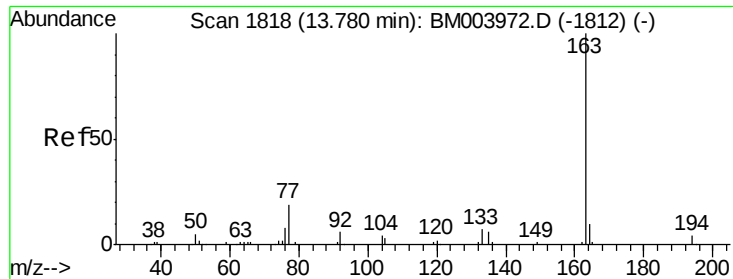
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	1751	1.70	ng/uL	0.00
5) Phenol-d5	6.84	99	39782	10.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	28177	13.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	35370	11.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	9096	2.94	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	19808	11.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	21349	11.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	31750	9.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	25643	6.01	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	135451	13.35	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	167361	13.55	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	14597	8.01	ng/ul	0.00
58) Fluorene-d10	15.32	176	124043	14.42	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	12342	7.71	ng/ul	0.00
71) Anthracene-d10	17.17	188	187843	14.31	ng/ul	0.00
79) Pyrene-d10	19.47	212	201080	15.35	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	153461	14.38	ng/ul	0.00

Target Compounds

						Qvalue
45) Dimethylphthalate	13.77	163	94564	9.15	ng/ul	99
70) Phenanthrene	17.11	178	184744	11.57	ng/ul	100
72) Anthracene	17.20	178	43606	2.66	ng/ul	99
77) Fluoranthene	19.14	202	339782	20.49	ng/ul	98
80) Pyrene	19.50	202	357462	20.82	ng/ul	98
83) Benzo(a)anthracene	21.26	228	153012	10.16	ng/ul	98
85) Chrysene	21.31	228	162608	11.36	ng/ul	98
88) Benzo(b)fluoranthene	22.84	252	149230	11.49	ng/ul	99
89) Benzo(k)fluoranthene	22.88	252	52586m	4.26	ng/ul	
91) Benzo(a)pyrene	23.41	252	114797	9.32	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.76	276	68191	5.00	ng/ul	96
93) Dibenzo(a,h)anthracene	25.76	278	22185	1.94	ng/ul#	85
94) Benzo(g,h,i)perylene	26.44	276	68861	6.02	ng/ul	98

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



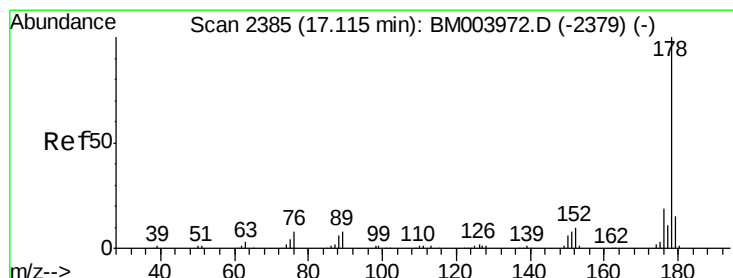
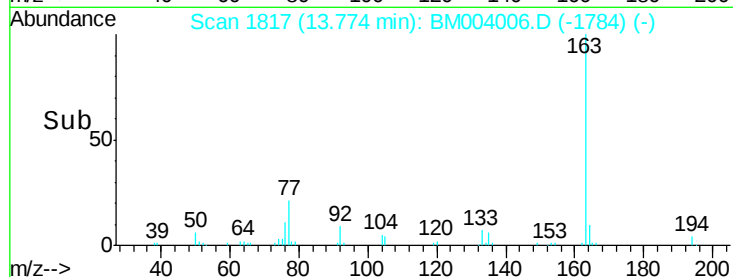
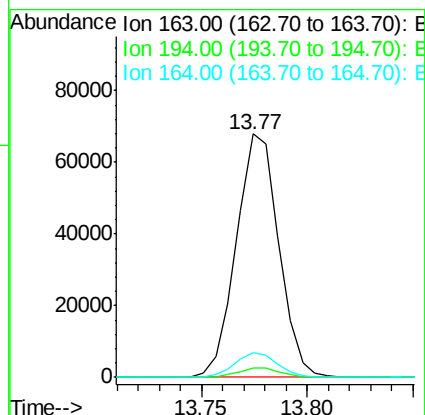
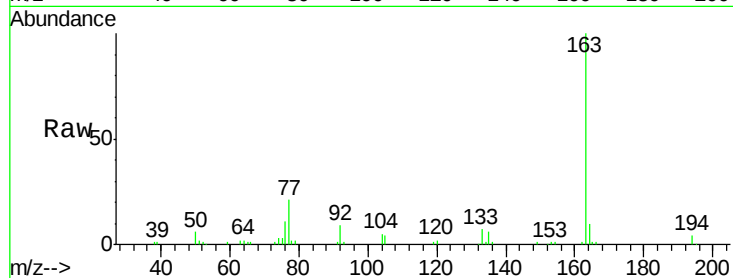
#45
Dimethylphthalate
Concen: 9.15 ng/ul
RT: 13.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BM004006.D
Acq: 14 Jan 2016 04:39

Instrument :
BNA_M
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BC9D6

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

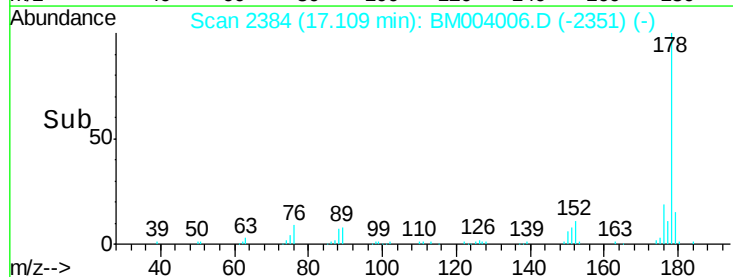
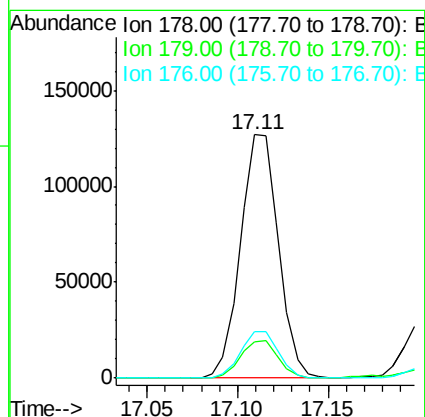
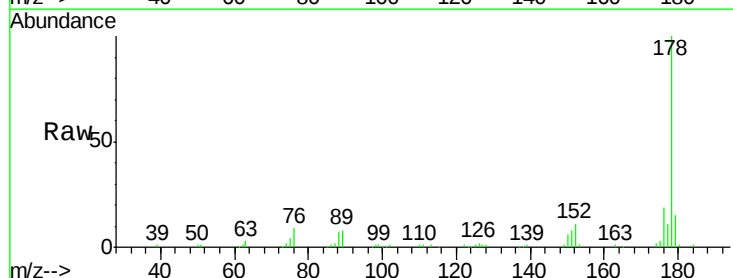
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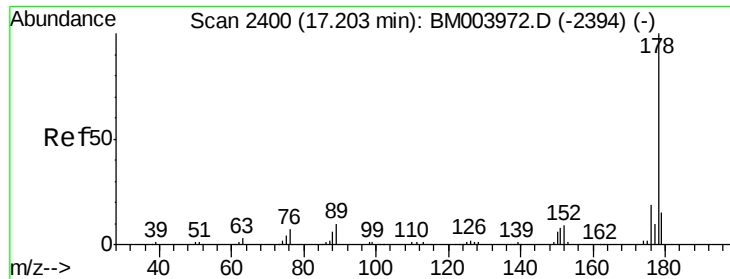
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#70
Phenanthrene
Concen: 11.57 ng/ul
RT: 17.11 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM004006.D
Acq: 14 Jan 2016 04:39

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.2	18.4
176	19.2	15.6	23.4





#72

Anthracene

Concen: 2.66 ng/ul

RT: 17.20 min Scan# 2400

Delta R.T. 0.00 min

Lab File: BM004006.D

Acq: 14 Jan 2016 04:39

Instrument :

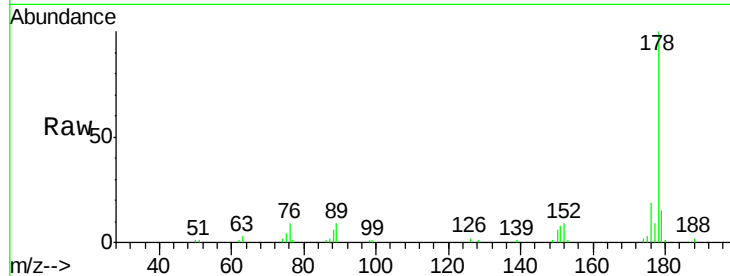
BNA_M

ClientSampleId :

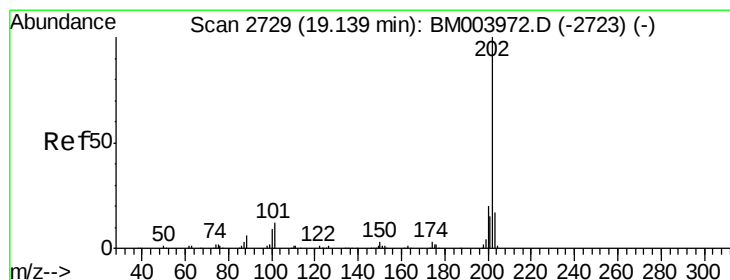
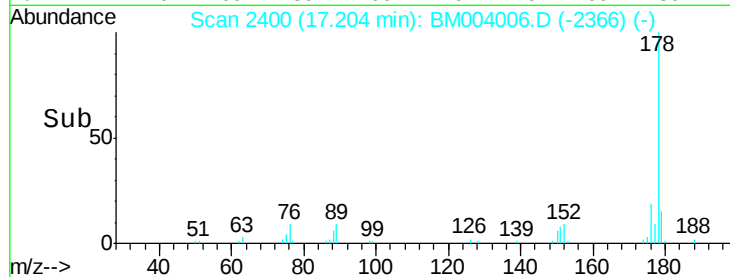
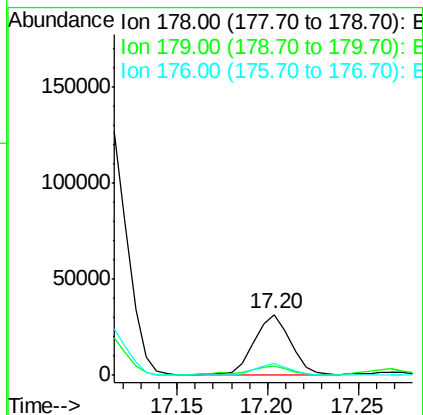
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Tgt Ion:	178	Resp:	43606
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.1	18.1
176	18.7	14.8	22.2



#77

Fluoranthene

Concen: 20.49 ng/ul

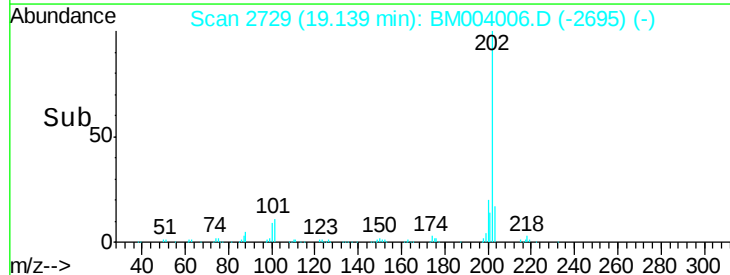
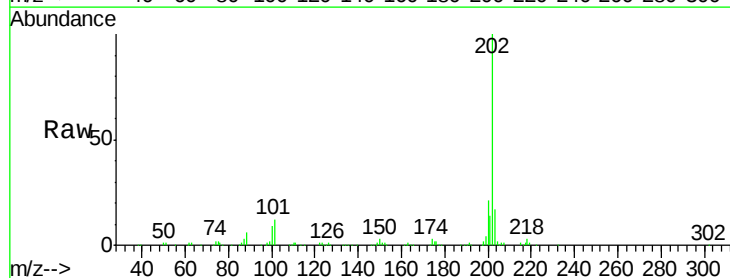
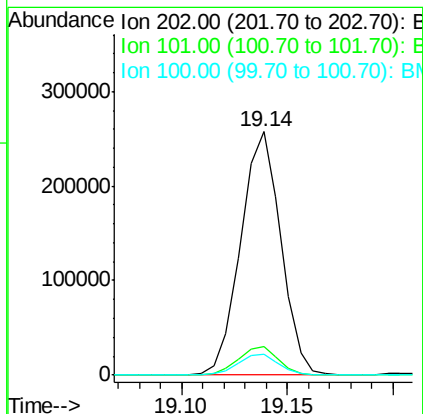
RT: 19.14 min Scan# 2729

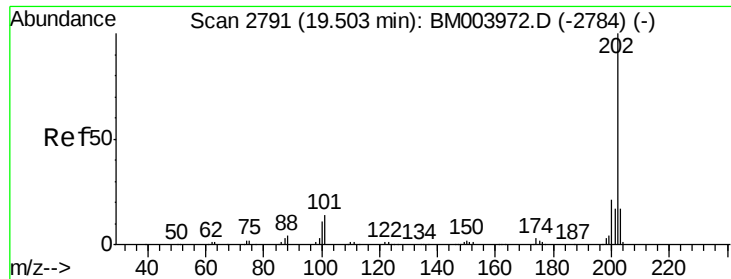
Delta R.T. 0.00 min

Lab File: BM004006.D

Acq: 14 Jan 2016 04:39

Tgt Ion:	202	Resp:	339782
Ion Ratio	Lower	Upper	
202	100		
101	11.6	8.8	13.2
100	8.8	6.6	9.8





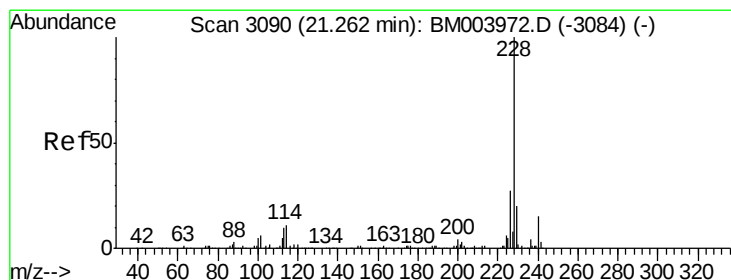
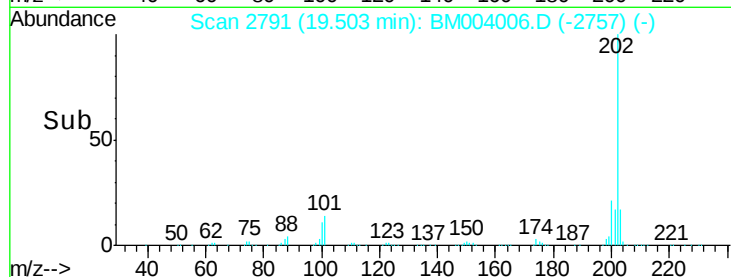
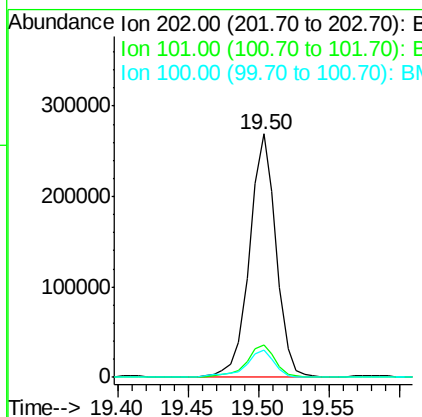
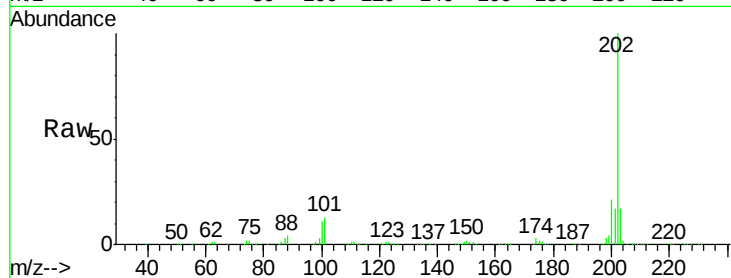
#80
Pyrene
Concen: 20.82 ng/ul
RT: 19.50 min Scan# 2791
Delta R.T. 0.00 min
Lab File: BM004006.D
Acq: 14 Jan 2016 04:39

Instrument :
BNA_M
ClientSampleId :
BC9D6

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.5	10.2	15.2
100	11.0	8.5	12.7

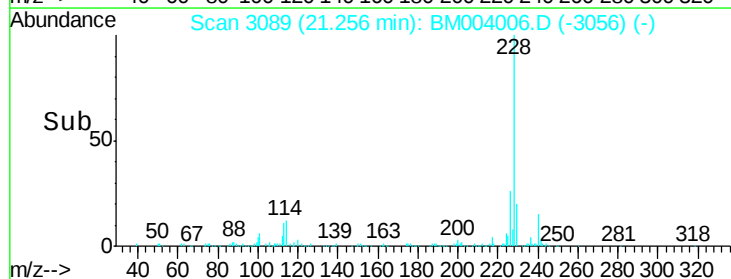
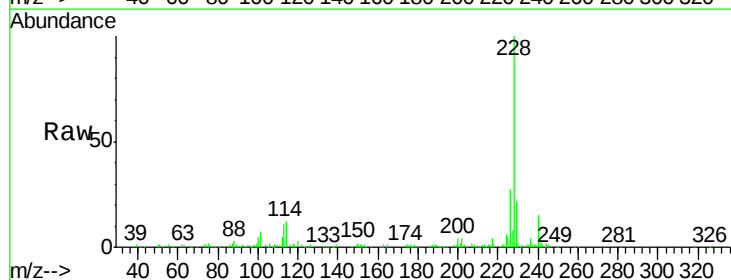
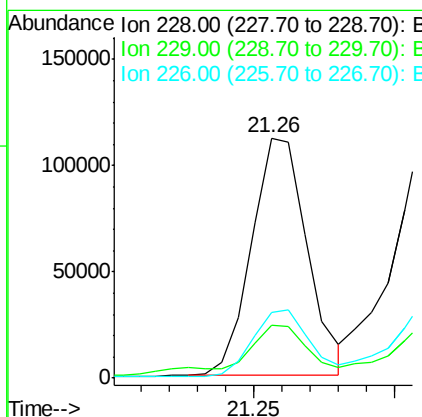
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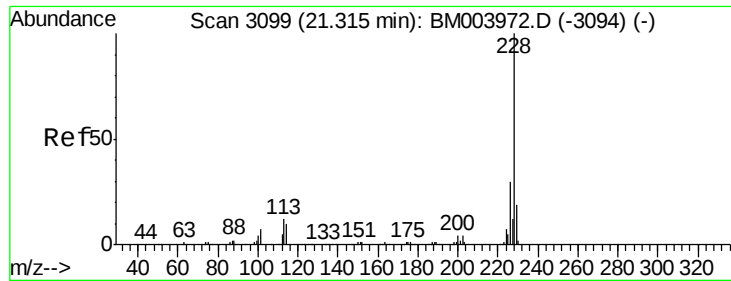
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1/14/2016 5:56:51 PM



#83
Benzo(a)anthracene
Concen: 10.16 ng/ul
RT: 21.26 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM004006.D
Acq: 14 Jan 2016 04:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.8	15.7	23.5
226	27.1	21.8	32.6





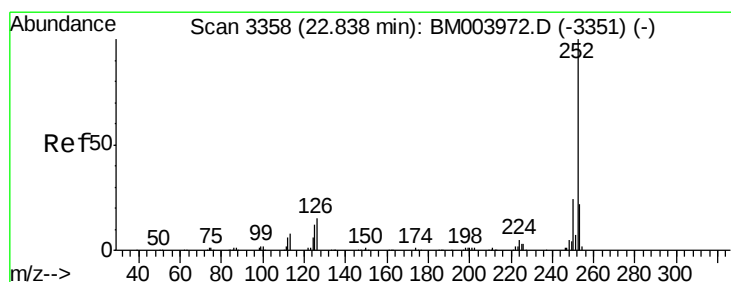
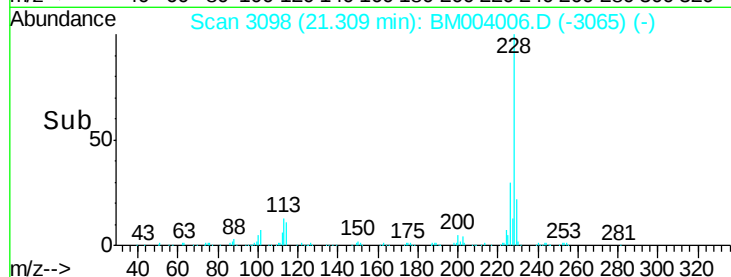
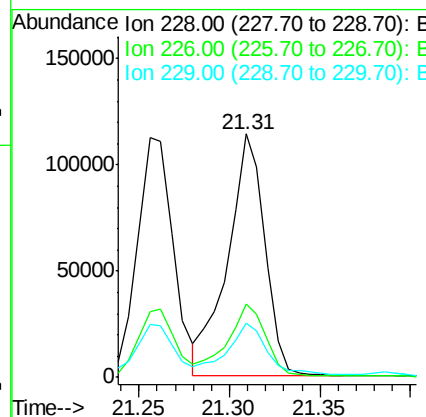
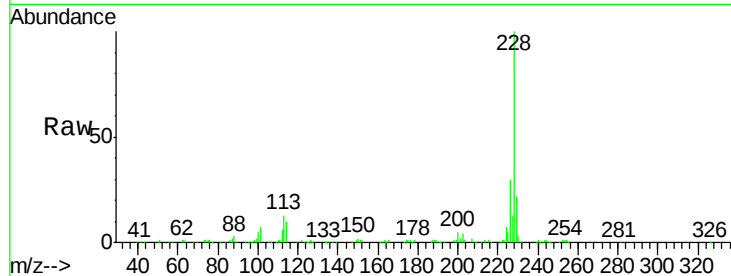
#85
Chrysene
Concen: 11.36 ng/ul
RT: 21.31 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BM004006.D
Acq: 14 Jan 2016 04:39

Instrument :
BNA_M
ClientSampleId :
BC9D6

Tgt Ion:	228	Resp:	162608
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.0	36.0
229	22.1	15.6	23.4

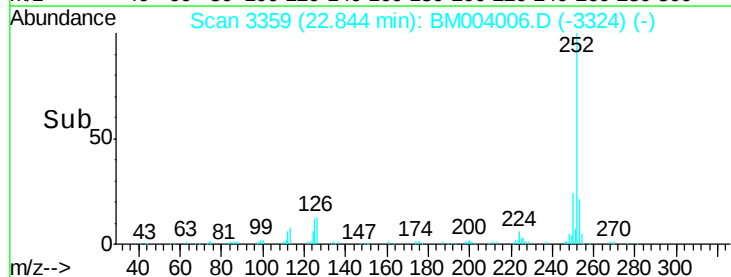
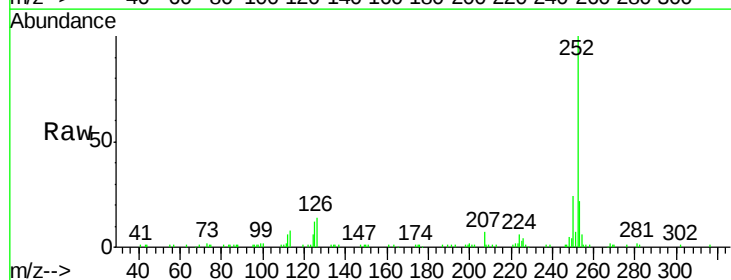
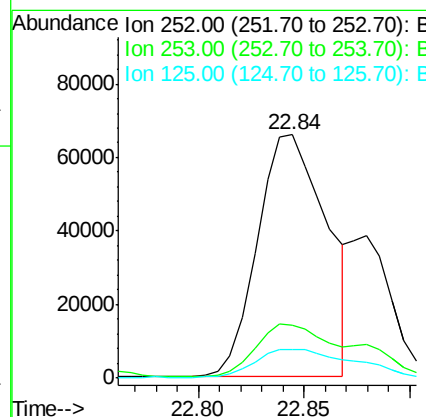
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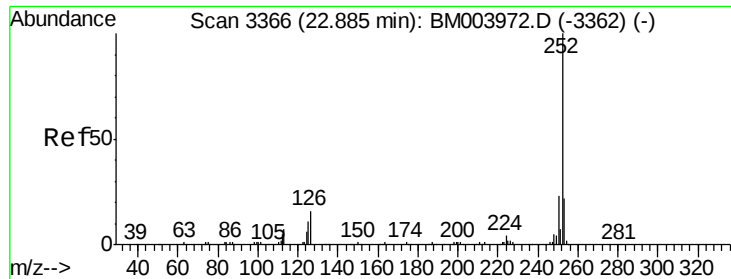
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1/14/2016 5:56:51 PM



#88
Benzo(b)fluoranthene
Concen: 11.49 ng/ul
RT: 22.84 min Scan# 3359
Delta R.T. 0.01 min
Lab File: BM004006.D
Acq: 14 Jan 2016 04:39

Tgt Ion:	252	Resp:	149230
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.5	26.3
125	12.0	8.5	12.7





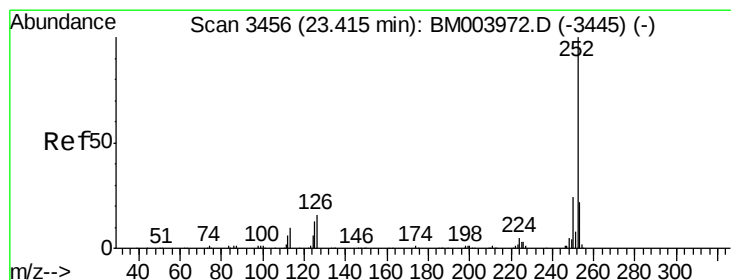
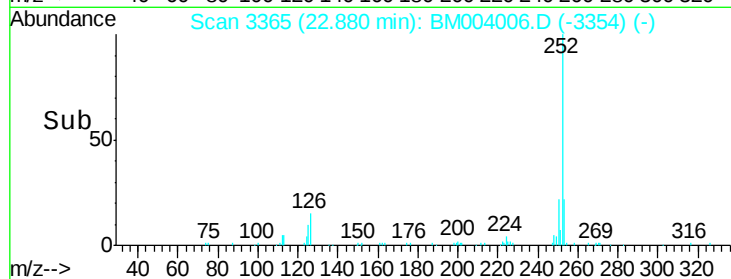
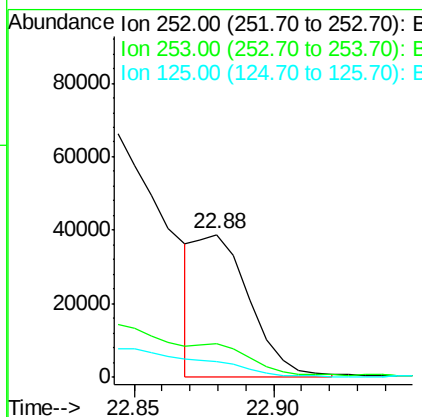
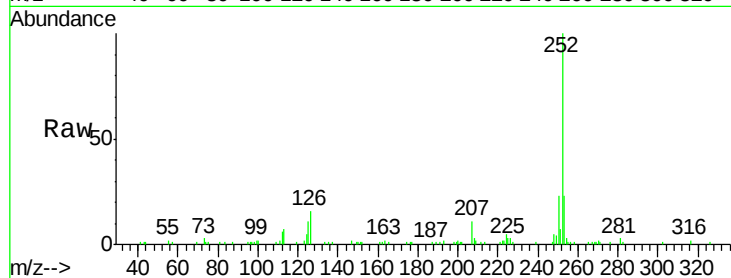
#89
Benzo(k)fluoranthene
Concen: 4.26 ng/ul m
RT: 22.88 min Scan# 3365
Delta R.T. -0.01 min
Lab File: BM004006.D
Acq: 14 Jan 2016 04:39

Instrument :
BNA_M
ClientSampleId :
BC9D6

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.3	25.9
125	11.2	8.2	12.2

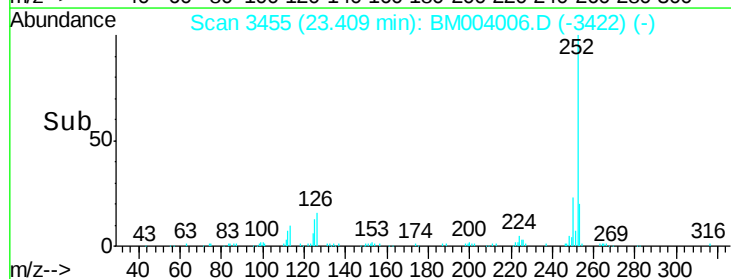
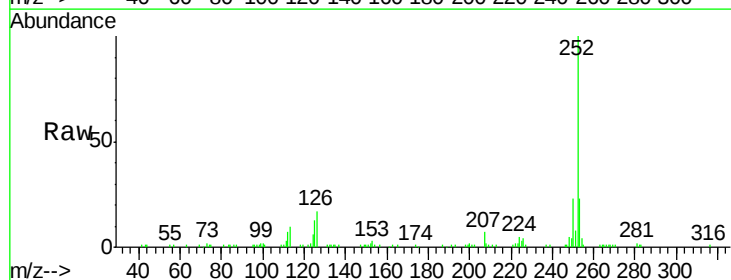
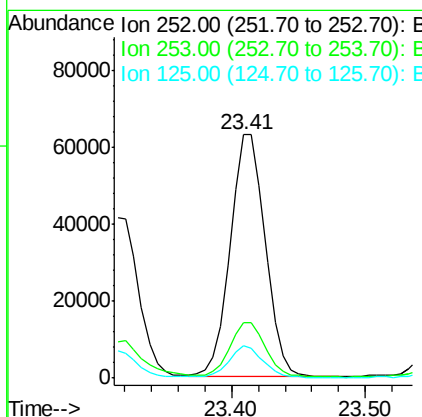
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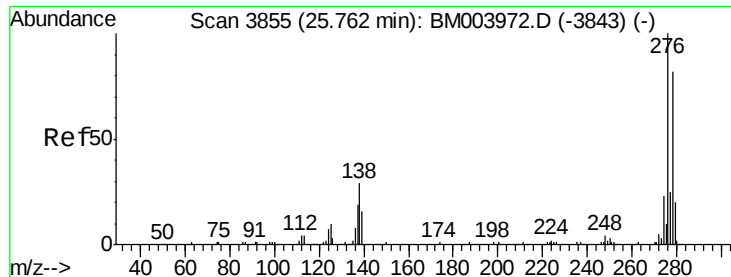
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1/14/2016 5:56:51 PM



#91
Benzo(a)pyrene
Concen: 9.32 ng/ul
RT: 23.41 min Scan# 3455
Delta R.T. -0.01 min
Lab File: BM004006.D
Acq: 14 Jan 2016 04:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	13.3	9.0	13.6





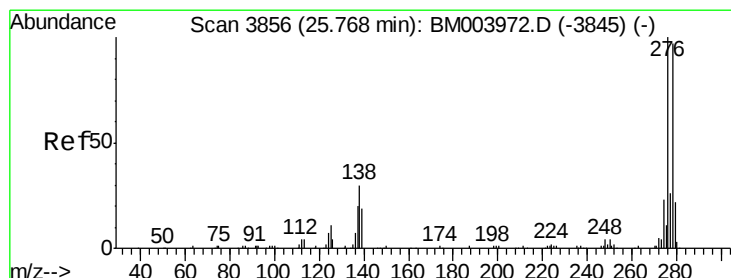
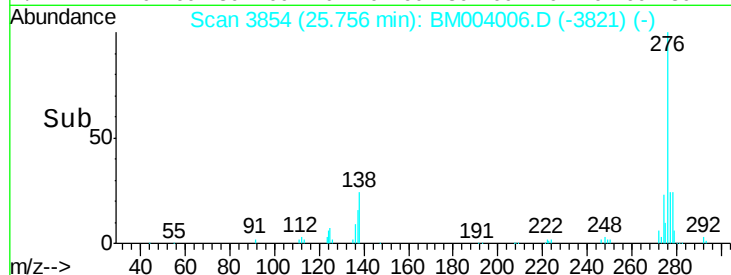
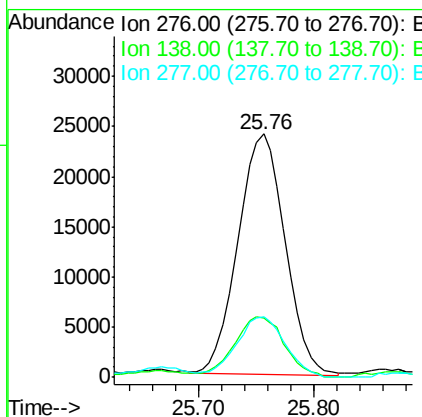
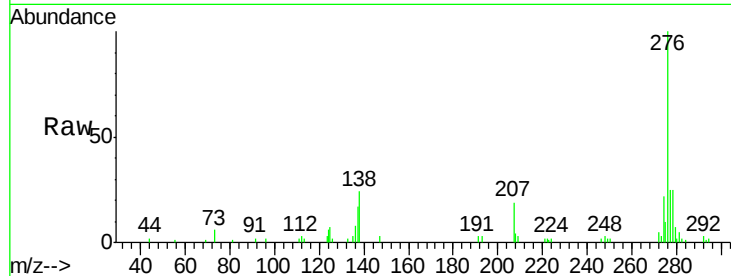
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 5.00 ng/ul
 RT: 25.76 min Scan# 3854
 Delta R.T. -0.01 min
 Lab File: BM004006.D
 Acq: 14 Jan 2016 04:39

Instrument :
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 BC9D6

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	68191		
138	24.2	22.3	33.5	
277	24.7	20.2	30.2	

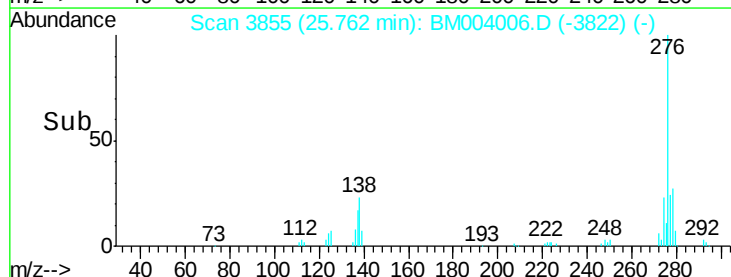
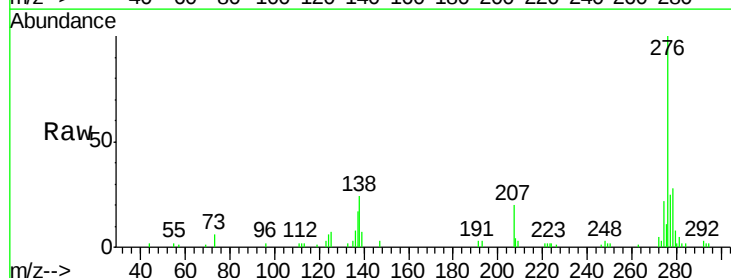
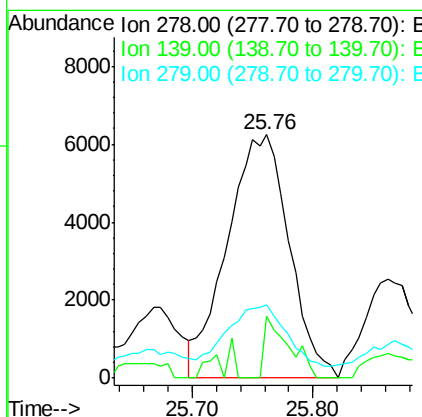
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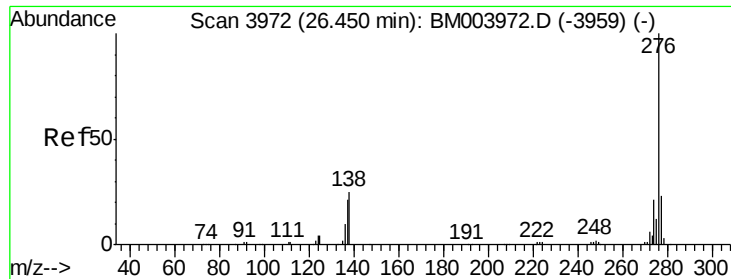
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#93
 Dibenzo(a,h)anthracene
 Concen: 1.94 ng/ul
 RT: 25.76 min Scan# 3855
 Delta R.T. -0.01 min
 Lab File: BM004006.D
 Acq: 14 Jan 2016 04:39

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	22185		
139	25.5	13.9	20.9#	
279	29.9	19.0	28.4#	





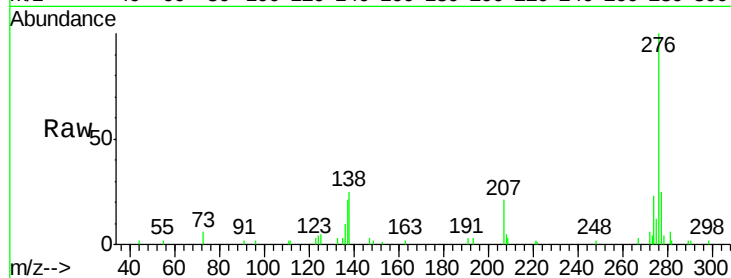
#94
 Benzo(g,h,i)perylene
 Concen: 6.02 ng/ul
 RT: 26.44 min Scan# 3971
 Delta R.T. -0.01 min
 Lab File: BM004006.D
 Acq: 14 Jan 2016 04:39

Instrument :
 BNA_M
 ClientSampleId :
 BC9D6

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.7	18.9	28.3
277	25.1	19.2	28.8

Manual Integrations
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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

